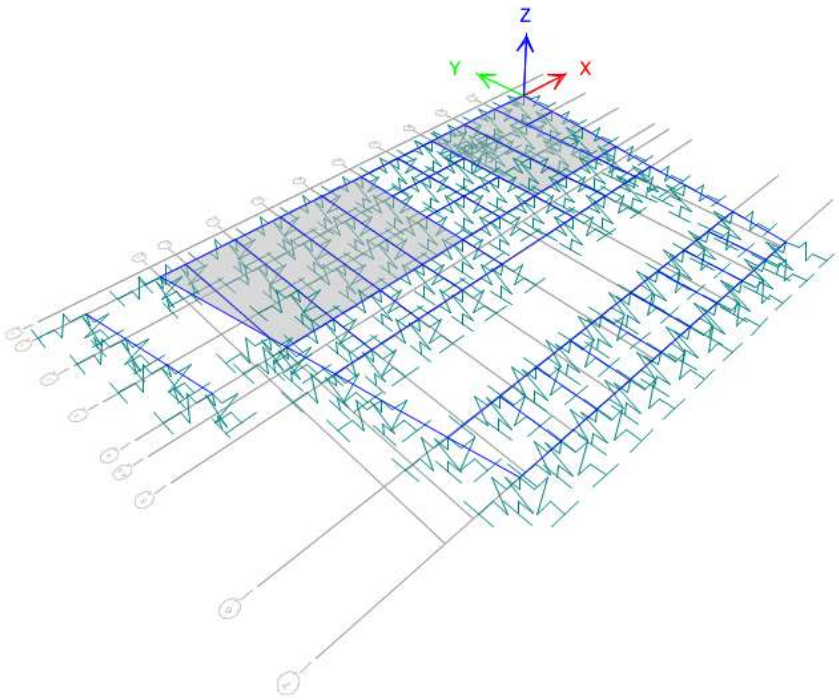
ETABS®



Appendix C

KSM Foundation Forces

Kazerne StMaarten

Model File: KSM_3D_014_F_Rev02, Revision 02

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1 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

1.1 Spring Properties

Table 1.1 - Spring Property Definitions - Point Springs

Name	Stiffness Option	Stiffness UX N/mm	Stiffness UY N/mm	Stiffness UZ N/mm	Stiffness RX N-mm/rad	Stiffness RY N-mm/rad	Stiffness RZ N-mm/rad	Nonlinearity Specification	Nonlinear Option	Color	Notes
K1P	User	16000000	16000000	160000	0	0	0	Quick	Compression Only	Magenta	
K2P	User	32000000	32000000	320000	0	0	0	Quick	Compression Only	Magenta	
K3P	User	48000000	48000000	480000	0	0	0	Quick	Compression Only	Magenta	
K4P	User	64000000	64000000	640000	0	0	0	Quick	Compression Only	Magenta	

2 Assignments

This chapter provides a listing of the assignments applied to the model.

2.1 Joint Assignments

Table 2.1 - Joint Assignments - Springs

Story	Label	UniqueName	SpringProp
Base	1	1	K1P
Base	4	6	K1P
Base	5	8	K2P
Base	6	10	K2P
Base	7	12	K2P
Base	8	14	K1P
Base	9	16	K2P
Base	10	18	K2P
Base	11	20	K2P
Base	12	22	K2P
Base	13	24	K1P
Base	14	26	K2P
Base	15	28	K3P
Base	17	32	K2P
Base	18	34	K2P
Base	19	36	K2P
Base	20	38	K2P
Base	21	40	K1P
Base	22	42	K2P
Base	23	44	K2P
Base	25	48	K2P
Base	26	50	K2P
Base	27	52	K2P
Base	28	54	K1P
Base	29	56	K2P
Base	31	60	K1P
Base	32	62	K1P
Base	33	64	K1P
Base	35	68	K1P
Base	36	70	K1P
Base	37	72	K1P
Base	38	98	K1P
Base	39	76	K1P
Base	40	78	K1P
Base	41	82	K1P
Base	42	83	K1P
Base	43	86	K1P
Base	44	87	K1P
Base	45	90	K1P
Base	46	91	K1P
Base	47	92	K3P
Base	48	94	K3P

Table 2.1 - Joint Assignments - Springs (continued)

Story	Label	UniqueName	SpringProp
Base	49	96	K2P
Base	50	102	K1P
Base	51	103	K1P
Base	52	106	K1P
Base	53	107	K1P
Base	54	110	K1P
Base	55	111	K1P
Base	56	114	K1P
Base	57	115	K1P
Base	59	168	K1P
Base	60	163	K1P
Base	78	142	K1P
Base	79	143	K1P
Base	80	148	K3P
Base	81	149	K3P
Base	82	150	K2P
Base	84	166	K1P
Base	85	294	K1P
Base	86	170	K2P
Base	87	169	K2P
Base	90	165	K1P
Base	91	164	K1P
Base	92	167	K1P
Base	16	30	K2P
Base	24	31	K2P
Base	62	171	K2P
Base	63	75	K2P
Base	138	290	K2P
Base	171	283	K2P
Base	172	336	K2P
Base	174	333	K1P
Base	181	334	K1P
Base	182	328	K1P
Base	257	891	K2P
Base	279	550	K1P
Base	295	634	K1P

2.2 Frame Assignments

Table 2.2 - Frame Assignments - Section Properties

Story	Label	UniqueName	Shape	Auto Select List	Section Property
Base	B19	19	Concrete Rectangular	N.A.	GB800x1080
Base	B49	866	Concrete Rectangular	N.A.	GB850X600
Base	B53	884	Concrete Rectangular	N.A.	GB850X700
Base	B56	867	Concrete Rectangular	N.A.	GB850X600

Table 2.2 - Frame Assignments - Section Properties (continued)

Story	Label	UniqueName	Shape	Auto Select List	Section Property
Base	B349	362	Concrete Rectangular	N.A.	GB430x2250
Base	B16	839	Concrete Rectangular	N.A.	GB500X500
Base	B346	93	Concrete Rectangular	N.A.	GB600x700
Base	B358	17	Concrete Rectangular	N.A.	GB800x1080
Base	B366	26	Concrete Rectangular	N.A.	GB850x2000
Base	B384	29	Concrete Rectangular	N.A.	GB850x2000
Base	B388	363	Concrete Rectangular	N.A.	GB430x2250
Base	B389	95	Concrete Rectangular	N.A.	GB600x1500
Base	B394	100	Concrete Rectangular	N.A.	GB600x1500
Base	B395	106	Concrete Rectangular	N.A.	GB600x1500
Base	B396	108	Concrete Rectangular	N.A.	GB800x1280
Base	B397	109	Concrete Rectangular	N.A.	GB800x1280
Base	B398	346	Concrete Rectangular	N.A.	GB600X1000
Base	B399	348	Concrete Rectangular	N.A.	GB600X1000
Base	B400	349	Concrete Rectangular	N.A.	GB600X1000
Base	B401	354	Concrete Rectangular	N.A.	GB600x1300
Base	B402	359	Concrete Rectangular	N.A.	GB600X1000
Base	B403	360	Concrete Rectangular	N.A.	GB600x1500
Base	B404	403	Concrete Rectangular	N.A.	GB250x2250
Base	B405	404	Concrete Rectangular	N.A.	GB250x2250
Base	B406	505	Concrete Rectangular	N.A.	GB600x1500
Base	B407	506	Concrete Rectangular	N.A.	GB600x700
Base	B408	653	Concrete Rectangular	N.A.	GB600X1000
Base	B208	3	Concrete Rectangular	N.A.	GB500X500
Base	B345	4	Concrete Rectangular	N.A.	GB500X500
Base	B347	6	Concrete Rectangular	N.A.	GB500X500
Base	B351	8	Concrete Rectangular	N.A.	GB500X500
Base	B409	11	Concrete Rectangular	N.A.	GB500X500
Base	B410	25	Concrete Rectangular	N.A.	GB500X500
Base	B411	49	Concrete Rectangular	N.A.	GB500X500
Base	B412	654	Concrete Rectangular	N.A.	GB500X500
Base	B413	743	Concrete Rectangular	N.A.	GB500X500
Base	B414	768	Concrete Rectangular	N.A.	GB500X500
Base	B415	769	Concrete Rectangular	N.A.	GB500X500
Base	B416	770	Concrete Rectangular	N.A.	GB500X500
Base	B417	771	Concrete Rectangular	N.A.	GB500X500
Base	B418	840	Concrete Rectangular	N.A.	GB500X500
Base	B419	841	Concrete Rectangular	N.A.	GB500X500
Base	B420	843	Concrete Rectangular	N.A.	GB500X500
Base	B422	881	Concrete Rectangular	N.A.	GB850X600
Base	B423	882	Concrete Rectangular	N.A.	GB850X600
Base	B424	883	Concrete Rectangular	N.A.	GB850X600
Base	B425	900	Concrete Rectangular	N.A.	GB850X700
Base	B426	901	Concrete Rectangular	N.A.	GB850X700
Base	B427	902	Concrete Rectangular	N.A.	GB850X700

3 Analysis Results

This chapter provides analysis results.

3.1 Point Results

Table 3.1 - Joint Reactions

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	1	GEO_{ENVE}	Combination	Max	186	210	1229	0	1	0
Base	1	1	GEO_{ENVE}	Combination	Min	-188	-214	475	0	-0.3235	0
Base	4	6	GEO_{ENVE}	Combination	Max	186	206	1142	0	1	0
Base	4	6	GEO_{ENVE}	Combination	Min	-188	-210	654	0	-0.4507	0
Base	5	8	GEO_{ENVE}	Combination	Max	372	398	2413	0	1	0
Base	5	8	GEO_{ENVE}	Combination	Min	-376	-405	555	0	-1	0
Base	6	10	GEO_{ENVE}	Combination	Max	372	383	2647	0	2	0
Base	6	10	GEO_{ENVE}	Combination	Min	-376	-389	148	0	-1	0
Base	7	12	GEO_{ENVE}	Combination	Max	372	348	2122	0	1	0
Base	7	12	GEO_{ENVE}	Combination	Min	-376	-352	322	0	-1	0
Base	8	14	GEO_{ENVE}	Combination	Max	186	209	1782	0	0.1324	0
Base	8	14	GEO_{ENVE}	Combination	Min	-188	-209	0	0	-1	0
Base	9	16	GEO_{ENVE}	Combination	Max	366	398	2247	0	1	0
Base	9	16	GEO_{ENVE}	Combination	Min	-367	-405	740	0	-1	0
Base	10	18	GEO_{ENVE}	Combination	Max	366	383	1858	0	1	0
Base	10	18	GEO_{ENVE}	Combination	Min	-367	-389	1231	0	-1	0
Base	11	20	GEO_{ENVE}	Combination	Max	366	368	1607	0	1	0
Base	11	20	GEO_{ENVE}	Combination	Min	-367	-374	1312	0	-1	0
Base	12	22	GEO_{ENVE}	Combination	Max	366	352	2367	0	1	0
Base	12	22	GEO_{ENVE}	Combination	Min	-367	-358	636	0	-1	0
Base	13	24	GEO_{ENVE}	Combination	Max	183	174	890	0	0.4373	0
Base	13	24	GEO_{ENVE}	Combination	Min	-184	-176	472	0	-0.4133	0
Base	14	26	GEO_{ENVE}	Combination	Max	366	365	2138	0	1	0
Base	14	26	GEO_{ENVE}	Combination	Min	-367	-368	166	0	-0.3028	0
Base	15	28	GEO_{ENVE}	Combination	Max	550	575	2397	0	1	0
Base	15	28	GEO_{ENVE}	Combination	Min	-551	-577	782	0	-1	0
Base	17	32	GEO_{ENVE}	Combination	Max	365	398	2151	0	1	0
Base	17	32	GEO_{ENVE}	Combination	Min	-363	-405	782	0	-1	0
Base	18	34	GEO_{ENVE}	Combination	Max	365	383	2046	0	1	0
Base	18	34	GEO_{ENVE}	Combination	Min	-363	-389	927	0	-1	0
Base	19	36	GEO_{ENVE}	Combination	Max	365	368	1624	0	1	0
Base	19	36	GEO_{ENVE}	Combination	Min	-363	-374	1169	0	-1	0
Base	20	38	GEO_{ENVE}	Combination	Max	365	352	2374	0	1	0
Base	20	38	GEO_{ENVE}	Combination	Min	-363	-358	514	0	-1	0
Base	21	40	GEO_{ENVE}	Combination	Max	183	174	947	0	0.4888	0
Base	21	40	GEO_{ENVE}	Combination	Min	-182	-176	660	0	-0.4845	0
Base	22	42	GEO_{ENVE}	Combination	Max	365	365	2302	0	1	0
Base	22	42	GEO_{ENVE}	Combination	Min	-363	-368	309	0	-0.3709	0
Base	23	44	GEO_{ENVE}	Combination	Max	365	383	1842	0	1	0
Base	23	44	GEO_{ENVE}	Combination	Min	-363	-384	1243	0	-1	0
Base	25	48	GEO_{ENVE}	Combination	Max	371	398	2291	0	1	0

Table 3.1 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	48	GEO_{ENVE}	Combination	Min	-367	-405	467	0	-1	0
Base	26	50	GEO_{ENVE}	Combination	Max	371	368	2980	0	1	0
Base	26	50	GEO_{ENVE}	Combination	Min	-367	-374	0	0	-1	0
Base	27	52	GEO_{ENVE}	Combination	Max	371	352	3377	0	1	0
Base	27	52	GEO_{ENVE}	Combination	Min	-367	-358	0	0	-1	0
Base	28	54	GEO_{ENVE}	Combination	Max	185	174	1317	0	1	0
Base	28	54	GEO_{ENVE}	Combination	Min	-183	-176	225	0	-1	0
Base	29	56	GEO_{ENVE}	Combination	Max	371	383	1982	0	1	0
Base	29	56	GEO_{ENVE}	Combination	Min	-367	-384	556	0	-1	0
Base	31	60	GEO_{ENVE}	Combination	Max	15	38	209	0	0	0
Base	31	60	GEO_{ENVE}	Combination	Min	-17	-36	112	0	0	0
Base	32	62	GEO_{ENVE}	Combination	Max	15	36	221	0	0	0
Base	32	62	GEO_{ENVE}	Combination	Min	-17	-33	87	0	0	0
Base	33	64	GEO_{ENVE}	Combination	Max	15	33	246	0	0	0
Base	33	64	GEO_{ENVE}	Combination	Min	-17	-29	55	0	0	0
Base	35	68	GEO_{ENVE}	Combination	Max	15	31	306	0	0	0
Base	35	68	GEO_{ENVE}	Combination	Min	-17	-26	72	0	0	0
Base	36	70	GEO_{ENVE}	Combination	Max	15	31	262	0	0	0
Base	36	70	GEO_{ENVE}	Combination	Min	-17	-27	121	0	0	0
Base	37	72	GEO_{ENVE}	Combination	Max	15	32	200	0	0	0
Base	37	72	GEO_{ENVE}	Combination	Min	-17	-28	103	0	0	0
Base	38	98	GEO_{ENVE}	Combination	Max	15	33	252	0	0	0
Base	38	98	GEO_{ENVE}	Combination	Min	-17	-29	106	0	0	0
Base	39	76	GEO_{ENVE}	Combination	Max	18	30	110	0	0	0
Base	39	76	GEO_{ENVE}	Combination	Min	-21	-25	107	0	0	0
Base	40	78	GEO_{ENVE}	Combination	Max	20	30	97	0	0	0
Base	40	78	GEO_{ENVE}	Combination	Min	-24	-25	61	0	0	0
Base	41	82	GEO_{ENVE}	Combination	Max	18	31	111	0	0	0
Base	41	82	GEO_{ENVE}	Combination	Min	-21	-26	107	0	0	0
Base	42	83	GEO_{ENVE}	Combination	Max	20	31	150	0	0	0
Base	42	83	GEO_{ENVE}	Combination	Min	-24	-26	100	0	0	0
Base	43	86	GEO_{ENVE}	Combination	Max	18	32	107	0	0	0
Base	43	86	GEO_{ENVE}	Combination	Min	-21	-27	103	0	0	0
Base	44	87	GEO_{ENVE}	Combination	Max	20	32	114	0	0	0
Base	44	87	GEO_{ENVE}	Combination	Min	-24	-27	53	0	0	0
Base	45	90	GEO_{ENVE}	Combination	Max	18	33	112	0	0	0
Base	45	90	GEO_{ENVE}	Combination	Min	-21	-28	104	0	0	0
Base	46	91	GEO_{ENVE}	Combination	Max	20	33	99	0	0	0
Base	46	91	GEO_{ENVE}	Combination	Min	-24	-28	91	0	0	0
Base	47	92	GEO_{ENVE}	Combination	Max	550	601	2128	0	1	0
Base	47	92	GEO_{ENVE}	Combination	Min	-551	-601	1432	0	-1	0
Base	48	94	GEO_{ENVE}	Combination	Max	548	601	2008	0	1	0
Base	48	94	GEO_{ENVE}	Combination	Min	-545	-601	1534	0	-1	0
Base	49	96	GEO_{ENVE}	Combination	Max	371	401	2226	0	1	0
Base	49	96	GEO_{ENVE}	Combination	Min	-367	-401	196	0	-1	0
Base	50	102	GEO_{ENVE}	Combination	Max	18	30	111	0	0	0

Table 3.1 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	50	102	GEO_{ENVE}	Combination	Min	-21	-26	106	0	0	0
Base	51	103	GEO_{ENVE}	Combination	Max	20	30	136	0	0	0
Base	51	103	GEO_{ENVE}	Combination	Min	-24	-26	100	0	0	0
Base	52	106	GEO_{ENVE}	Combination	Max	18	32	109	0	0	0
Base	52	106	GEO_{ENVE}	Combination	Min	-21	-28	106	0	0	0
Base	53	107	GEO_{ENVE}	Combination	Max	20	32	98	0	0	0
Base	53	107	GEO_{ENVE}	Combination	Min	-24	-28	57	0	0	0
Base	54	110	GEO_{ENVE}	Combination	Max	18	34	112	0	0	0
Base	54	110	GEO_{ENVE}	Combination	Min	-21	-31	107	0	0	0
Base	55	111	GEO_{ENVE}	Combination	Max	20	34	137	0	0	0
Base	55	111	GEO_{ENVE}	Combination	Min	-24	-31	98	0	0	0
Base	56	114	GEO_{ENVE}	Combination	Max	18	36	121	0	0	0
Base	56	114	GEO_{ENVE}	Combination	Min	-21	-33	115	0	0	0
Base	57	115	GEO_{ENVE}	Combination	Max	20	36	110	0	0	0
Base	57	115	GEO_{ENVE}	Combination	Min	-24	-33	56	0	0	0
Base	59	168	GEO_{ENVE}	Combination	Max	20	33	86	0	0	0
Base	59	168	GEO_{ENVE}	Combination	Min	-24	-29	78	0	0	0
Base	60	163	GEO_{ENVE}	Combination	Max	20	39	93	0	0	0
Base	60	163	GEO_{ENVE}	Combination	Min	-24	-36	69	0	0	0
Base	78	142	GEO_{ENVE}	Combination	Max	184	206	1722	0	1	0
Base	78	142	GEO_{ENVE}	Combination	Min	-183	-210	1011	0	-1	0
Base	79	143	GEO_{ENVE}	Combination	Max	185	206	1137	0	1	0
Base	79	143	GEO_{ENVE}	Combination	Min	-183	-210	106	0	-0.1199	0
Base	80	148	GEO_{ENVE}	Combination	Max	31	129	479	0	0	0
Base	80	148	GEO_{ENVE}	Combination	Min	-16	-127	0	0	0	0
Base	81	149	GEO_{ENVE}	Combination	Max	32	129	484	0	0	0
Base	81	149	GEO_{ENVE}	Combination	Min	-18	-127	0	0	-0.06178	0
Base	82	150	GEO_{ENVE}	Combination	Max	21	86	215	0	0	0
Base	82	150	GEO_{ENVE}	Combination	Min	-13	-84	1	0	0	0
Base	84	166	GEO_{ENVE}	Combination	Max	15	34	310	0	0	0
Base	84	166	GEO_{ENVE}	Combination	Min	-17	-30	76	0	0	0
Base	85	294	GEO_{ENVE}	Combination	Max	185	206	1340	0	0.2124	0
Base	85	294	GEO_{ENVE}	Combination	Min	-183	-206	0	0	-1	0
Base	86	170	GEO_{ENVE}	Combination	Max	365	414	2146	0	0.3106	0
Base	86	170	GEO_{ENVE}	Combination	Min	-363	-413	407	0	-1	0
Base	87	169	GEO_{ENVE}	Combination	Max	366	416	2723	0	1	0
Base	87	169	GEO_{ENVE}	Combination	Min	-367	-415	0	0	-1	0
Base	90	165	GEO_{ENVE}	Combination	Max	15	41	222	0	0	0
Base	90	165	GEO_{ENVE}	Combination	Min	-17	-38	31	0	0	0
Base	91	164	GEO_{ENVE}	Combination	Max	18	39	163	0	0	0
Base	91	164	GEO_{ENVE}	Combination	Min	-21	-37	131	0	0	0
Base	92	167	GEO_{ENVE}	Combination	Max	18	34	149	0	0	0
Base	92	167	GEO_{ENVE}	Combination	Min	-21	-30	125	0	0	0
Base	16	30	GEO_{ENVE}	Combination	Max	21	86	211	0	0	0
Base	16	30	GEO_{ENVE}	Combination	Min	-10	-85	1	0	0	0
Base	24	31	GEO_{ENVE}	Combination	Max	372	352	3245	0	1	0

Table 3.1 - Joint Reactions (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	24	31	GEO_{ENVE}	Combination	Min	-376	-358	0	0	-2	0
Base	62	171	GEO_{ENVE}	Combination	Max	371	383	2518	0	1	0
Base	62	171	GEO_{ENVE}	Combination	Min	-367	-389	338	0	-1	0
Base	63	75	GEO_{ENVE}	Combination	Max	372	368	2852	0	1	0
Base	63	75	GEO_{ENVE}	Combination	Min	-376	-374	136	0	-1	0
Base	138	290	GEO_{ENVE}	Combination	Max	371	365	2305	0	1	0
Base	138	290	GEO_{ENVE}	Combination	Min	-367	-368	195	0	-0.3003	0
Base	171	283	GEO_{ENVE}	Combination	Max	372	365	2464	0	1	0
Base	171	283	GEO_{ENVE}	Combination	Min	-376	-368	0.07556	0	-0.297	0
Base	172	336	GEO_{ENVE}	Combination	Max	372	383	2000	0	1	0
Base	172	336	GEO_{ENVE}	Combination	Min	-376	-384	420	0	-1	0
Base	174	333	GEO_{ENVE}	Combination	Max	186	187	1090	0	1	0
Base	174	333	GEO_{ENVE}	Combination	Min	-188	-188	117	0	-0.2553	0
Base	181	334	GEO_{ENVE}	Combination	Max	184	187	820	0	0.4714	0
Base	181	334	GEO_{ENVE}	Combination	Min	-185	-188	325	0	-0.2228	0
Base	182	328	GEO_{ENVE}	Combination	Max	184	192	686	0	0.2962	0
Base	182	328	GEO_{ENVE}	Combination	Min	-185	-192	439	0	-0.351	0
Base	257	891	GEO_{ENVE}	Combination	Max	372	401	2473	0	0.3291	0
Base	257	891	GEO_{ENVE}	Combination	Min	-376	-401	0.1176	0	-1	0
Base	279	550	GEO_{ENVE}	Combination	Max	16	40	213	0	0	0
Base	279	550	GEO_{ENVE}	Combination	Min	-19	-37	44	0	0	0
Base	295	634	GEO_{ENVE}	Combination	Max	17	34	210	0	0	0
Base	295	634	GEO_{ENVE}	Combination	Min	-19	-30	48	0	0	0

Table 3.2 - Joint Displacements

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux mm	Uy mm	Uz mm	Rx rad	Ry rad	Rz rad
Base	1	1	GEO_{ENVE}	Combination	Max	0.012	0.013	-2.97	0.002499	0.000603	9.482E-08
Base	1	1	GEO_{ENVE}	Combination	Min	-0.012	-0.013	-7.678	0.001364	-0.000556	-1.025E-07
Base	4	6	GEO_{ENVE}	Combination	Max	0.012	0.013	-4.087	0.00225	0.00029	9.482E-08
Base	4	6	GEO_{ENVE}	Combination	Min	-0.012	-0.013	-7.135	0.000954	-0.000499	-1.025E-07
Base	5	8	GEO_{ENVE}	Combination	Max	0.012	0.013	-1.735	0.001297	0.000294	9.482E-08
Base	5	8	GEO_{ENVE}	Combination	Min	-0.012	-0.012	-7.541	-0.00033	-0.000443	-1.025E-07
Base	6	10	GEO_{ENVE}	Combination	Max	0.012	0.012	-0.463	0.00109	0.000279	9.482E-08
Base	6	10	GEO_{ENVE}	Combination	Min	-0.012	-0.012	-8.272	-0.000484	-0.000123	-1.025E-07
Base	7	12	GEO_{ENVE}	Combination	Max	0.012	0.011	-1.007	0.000996	0.000906	9.482E-08
Base	7	12	GEO_{ENVE}	Combination	Min	-0.012	-0.011	-6.632	-0.000309	-0.001058	-1.025E-07
Base	8	14	GEO_{ENVE}	Combination	Max	0.012	0.013	4.768	0.001243	0.00054	9.482E-08
Base	8	14	GEO_{ENVE}	Combination	Min	-0.012	-0.013	-11.136	-0.000782	-0.000799	-1.025E-07
Base	9	16	GEO_{ENVE}	Combination	Max	0.011	0.013	-2.313	1E-06	-4.2E-05	9.482E-08
Base	9	16	GEO_{ENVE}	Combination	Min	-0.011	-0.012	-7.022	-0.000243	-0.000617	-1.025E-07
Base	10	18	GEO_{ENVE}	Combination	Max	0.011	0.012	-3.847	0.00038	0.000341	9.482E-08
Base	10	18	GEO_{ENVE}	Combination	Min	-0.011	-0.012	-5.807	-0.000444	-0.000294	-1.025E-07
Base	11	20	GEO_{ENVE}	Combination	Max	0.011	0.012	-4.101	0.000193	0.000545	9.482E-08
Base	11	20	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-5.022	-0.000503	-0.000545	-1.025E-07
Base	12	22	GEO_{ENVE}	Combination	Max	0.011	0.011	-1.987	0.00076	0.000152	9.482E-08

Table 3.2 - Joint Displacements (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux mm	Uy mm	Uz mm	Rx rad	Ry rad	Rz rad
Base	12	22	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-7.396	-0.000726	-0.000561	-1.025E-07
Base	13	24	GEO_{ENVE}	Combination	Max	0.011	0.011	-2.95	0.00026	0.000476	9.482E-08
Base	13	24	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-5.563	-0.000318	-0.000685	-1.025E-07
Base	14	26	GEO_{ENVE}	Combination	Max	0.011	0.012	-0.518	0.000243	0.000404	9.482E-08
Base	14	26	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-6.682	-0.000307	-0.00012	-1.025E-07
Base	15	28	GEO_{ENVE}	Combination	Max	0.011	0.012	-1.63	0.000362	0.000725	9.482E-08
Base	15	28	GEO_{ENVE}	Combination	Min	-0.011	-0.012	-4.994	-0.000208	-0.000662	-1.025E-07
Base	17	32	GEO_{ENVE}	Combination	Max	0.011	0.013	-2.442	0.00026	8E-05	9.482E-08
Base	17	32	GEO_{ENVE}	Combination	Min	-0.011	-0.012	-6.722	-0.000114	-0.000869	-1.025E-07
Base	18	34	GEO_{ENVE}	Combination	Max	0.011	0.012	-2.898	0.000542	0.000433	9.482E-08
Base	18	34	GEO_{ENVE}	Combination	Min	-0.011	-0.012	-6.395	-0.000492	-0.000461	-1.025E-07
Base	19	36	GEO_{ENVE}	Combination	Max	0.011	0.012	-3.653	0.000541	0.000518	9.482E-08
Base	19	36	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-5.076	-0.000256	-0.000468	-1.025E-07
Base	20	38	GEO_{ENVE}	Combination	Max	0.011	0.011	-1.606	0.000745	0.000231	9.482E-08
Base	20	38	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-7.42	-0.000789	-0.000548	-1.025E-07
Base	21	40	GEO_{ENVE}	Combination	Max	0.011	0.011	-4.126	0.000475	0.000571	9.482E-08
Base	21	40	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-5.916	-0.000136	-0.000718	-1.025E-07
Base	22	42	GEO_{ENVE}	Combination	Max	0.011	0.012	-0.966	0.00035	0.000343	9.482E-08
Base	22	42	GEO_{ENVE}	Combination	Min	-0.011	-0.011	-7.192	-8E-05	-4E-05	-1.025E-07
Base	23	44	GEO_{ENVE}	Combination	Max	0.011	0.012	-3.884	0.000267	0.000544	9.482E-08
Base	23	44	GEO_{ENVE}	Combination	Min	-0.011	-0.012	-5.756	1.3E-05	-0.000578	-1.025E-07
Base	25	48	GEO_{ENVE}	Combination	Max	0.011	0.013	-1.459	0.000714	0.000645	9.482E-08
Base	25	48	GEO_{ENVE}	Combination	Min	-0.012	-0.012	-7.158	-0.001228	-0.000715	-1.025E-07
Base	26	50	GEO_{ENVE}	Combination	Max	0.011	0.012	0.591	0.000474	0.000624	9.482E-08
Base	26	50	GEO_{ENVE}	Combination	Min	-0.012	-0.011	-9.312	-0.001096	-0.000464	-1.025E-07
Base	27	52	GEO_{ENVE}	Combination	Max	0.011	0.011	2.809	0.000203	0.000254	9.482E-08
Base	27	52	GEO_{ENVE}	Combination	Min	-0.012	-0.011	-10.554	-0.000792	-0.000577	-1.025E-07
Base	28	54	GEO_{ENVE}	Combination	Max	0.011	0.011	-1.404	0.000405	0.000627	9.482E-08
Base	28	54	GEO_{ENVE}	Combination	Min	-0.012	-0.011	-8.232	-0.00099	-0.000702	-1.025E-07
Base	29	56	GEO_{ENVE}	Combination	Max	0.011	0.012	-1.738	-4E-06	0.000341	9.482E-08
Base	29	56	GEO_{ENVE}	Combination	Min	-0.012	-0.012	-6.194	-0.000792	-0.000519	-1.025E-07
Base	31	60	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.699	-1E-05	0.0001	3.266E-08
Base	31	60	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-1.306	-0.001346	-0.000155	-3.566E-08
Base	32	62	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.546	-4.427E-07	0.000129	3.266E-08
Base	32	62	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-1.384	-0.001694	-0.000109	-3.566E-08
Base	33	64	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.347	0.000288	7.9E-05	3.266E-08
Base	33	64	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-1.536	-0.001929	-0.000186	-3.566E-08
Base	35	68	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.447	0.000522	0.000552	3.266E-08
Base	35	68	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-1.916	-0.00196	0.000343	-3.566E-08
Base	36	70	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.756	-9E-05	-0.000411	3.266E-08
Base	36	70	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-1.637	-0.001382	-0.000515	-3.566E-08
Base	37	72	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.641	-0.000279	0.000164	3.266E-08
Base	37	72	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-1.251	-0.001112	-2.7E-05	-3.566E-08
Base	38	98	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.663	-0.000265	0.000241	3.266E-08
Base	38	98	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-1.576	-0.000606	-0.000248	-3.566E-08
Base	39	76	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.669	0.000528	3.3E-05	3.266E-08

Table 3.2 - Joint Displacements (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux mm	Uy mm	Uz mm	Rx rad	Ry rad	Rz rad
Base	39	76	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.687	0.000506	-3.1E-05	-3.566E-08
Base	40	78	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.382	-0.000101	3.1E-05	3.266E-08
Base	40	78	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.608	-0.000877	-3.3E-05	-3.566E-08
Base	41	82	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.669	0.000549	4.6E-05	3.266E-08
Base	41	82	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.694	0.000511	-2.9E-05	-3.566E-08
Base	42	83	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.622	-0.000103	0.000101	3.266E-08
Base	42	83	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.939	-0.000869	-2.6E-05	-3.566E-08
Base	43	86	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.646	0.000511	2E-05	3.266E-08
Base	43	86	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.672	0.000463	-6.1E-05	-3.566E-08
Base	44	87	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.331	-0.000106	-5E-06	3.266E-08
Base	44	87	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.71	-0.000843	-8.1E-05	-3.566E-08
Base	45	90	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.652	0.000411	8E-05	3.266E-08
Base	45	90	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.702	0.00039	4.3E-05	-3.566E-08
Base	46	91	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.568	-0.000115	5E-05	3.266E-08
Base	46	91	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.617	-0.000777	-3E-06	-3.566E-08
Base	47	92	GEO_{ENVE}	Combination	Max	0.011	0.013	-2.983	0.000403	0.000959	9.482E-08
Base	47	92	GEO_{ENVE}	Combination	Min	-0.011	-0.013	-4.434	-0.000429	-0.000614	-1.025E-07
Base	48	94	GEO_{ENVE}	Combination	Max	0.011	0.013	-3.196	0.00034	0.000435	9.482E-08
Base	48	94	GEO_{ENVE}	Combination	Min	-0.011	-0.013	-4.183	-0.000275	-0.000709	-1.025E-07
Base	49	96	GEO_{ENVE}	Combination	Max	0.011	0.013	-0.612	0.000435	0.000686	9.482E-08
Base	49	96	GEO_{ENVE}	Combination	Min	-0.012	-0.013	-6.956	-0.000668	-0.000514	-1.025E-07
Base	50	102	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.663	0.000541	3.8E-05	3.266E-08
Base	50	102	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.691	0.000517	-2.9E-05	-3.566E-08
Base	51	103	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.623	-8.5E-05	3.8E-05	3.266E-08
Base	51	103	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.852	-0.000872	-3E-05	-3.566E-08
Base	52	106	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.662	0.000529	3.2E-05	3.266E-08
Base	52	106	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.679	0.000496	-3.2E-05	-3.566E-08
Base	53	107	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.359	-6.9E-05	3.4E-05	3.266E-08
Base	53	107	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.61	-0.000874	-2.1E-05	-3.566E-08
Base	54	110	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.666	0.000519	5.9E-05	3.266E-08
Base	54	110	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.7	0.000471	-3.2E-05	-3.566E-08
Base	55	111	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.615	-5.8E-05	3.3E-05	3.266E-08
Base	55	111	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.856	-0.000849	-8.3E-05	-3.566E-08
Base	56	114	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.718	0.000429	-0.000107	3.266E-08
Base	56	114	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.757	0.000369	-0.000143	-3.566E-08
Base	57	115	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.352	-7E-05	4.5E-05	3.266E-08
Base	57	115	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.688	-0.000774	-4.4E-05	-3.566E-08
Base	59	168	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.487	-0.000155	5.8E-05	3.266E-08
Base	59	168	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.535	-0.000654	-0.000225	-3.566E-08
Base	60	163	GEO_{ENVE}	Combination	Max	0.001	0.002	-0.433	-0.000142	0.000256	3.266E-08
Base	60	163	GEO_{ENVE}	Combination	Min	-0.001	-0.002	-0.579	-0.000596	-1E-06	-3.566E-08
Base	78	142	GEO_{ENVE}	Combination	Max	0.011	0.013	-6.316	-0.002095	0.000831	9.482E-08
Base	78	142	GEO_{ENVE}	Combination	Min	-0.012	-0.013	-10.76	-0.003077	9.2E-05	-1.025E-07
Base	79	143	GEO_{ENVE}	Combination	Max	0.011	0.013	-0.663	-0.001528	0.000825	9.482E-08
Base	79	143	GEO_{ENVE}	Combination	Min	-0.012	-0.013	-7.107	-0.002425	5.3E-05	-1.025E-07
Base	80	148	GEO_{ENVE}	Combination	Max	0.0003399	0.003	3.928	0.001007	0.000136	7.235E-09

Table 3.2 - Joint Displacements (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux mm	Uy mm	Uz mm	Rx rad	Ry rad	Rz rad
Base	80	148	GEO ENVE	Combination	Min	-0.001	-0.003	-0.997	-0.000724	-0.002203	-8.384E-10
Base	81	149	GEO ENVE	Combination	Max	0.0003766	0.003	3.902	0.001147	0.000142	7.235E-09
Base	81	149	GEO ENVE	Combination	Min	-0.001	-0.003	-1.009	-0.000572	-0.00215	-8.384E-10
Base	82	150	GEO ENVE	Combination	Max	0.0004134	0.003	-0.002	0.001392	0.000338	7.235E-09
Base	82	150	GEO ENVE	Combination	Min	-0.001	-0.003	-0.671	-0.000374	-0.001995	-8.384E-10
Base	84	166	GEO ENVE	Combination	Max	0.001	0.002	-0.474	9.8E-05	0.000476	3.266E-08
Base	84	166	GEO ENVE	Combination	Min	-0.001	-0.002	-1.936	-0.000951	-0.000446	-3.566E-08
Base	85	294	GEO ENVE	Combination	Max	0.011	0.013	0.572	0.000563	0.000592	9.482E-08
Base	85	294	GEO ENVE	Combination	Min	-0.012	-0.013	-8.378	-0.000805	-0.000661	-1.025E-07
Base	86	170	GEO ENVE	Combination	Max	0.011	0.013	-1.272	0.000681	0.000248	9.482E-08
Base	86	170	GEO ENVE	Combination	Min	-0.011	-0.013	-6.707	-0.000847	-0.00107	-1.025E-07
Base	87	169	GEO ENVE	Combination	Max	0.011	0.013	0.059	0.000443	0.000714	9.482E-08
Base	87	169	GEO ENVE	Combination	Min	-0.011	-0.013	-8.509	-0.000305	-0.000776	-1.025E-07
Base	90	165	GEO ENVE	Combination	Max	0.001	0.002	-0.192	0.000274	0.00088	3.266E-08
Base	90	165	GEO ENVE	Combination	Min	-0.001	-0.003	-1.385	-0.000481	-6E-06	-3.566E-08
Base	91	164	GEO ENVE	Combination	Max	0.001	0.002	-0.819	7.4E-05	0.000545	3.266E-08
Base	91	164	GEO ENVE	Combination	Min	-0.001	-0.002	-1.018	-6E-05	-2.5E-05	-3.566E-08
Base	92	167	GEO ENVE	Combination	Max	0.001	0.002	-0.781	0.000103	0.000197	3.266E-08
Base	92	167	GEO ENVE	Combination	Min	-0.001	-0.002	-0.931	2E-06	-0.000376	-3.566E-08
Base	16	30	GEO ENVE	Combination	Max	0.0003031	0.003	-0.002	0.000667	0.000379	7.235E-09
Base	16	30	GEO ENVE	Combination	Min	-0.001	-0.003	-0.659	-0.00104	-0.002088	-8.384E-10
Base	24	31	GEO ENVE	Combination	Max	0.012	0.011	1.618	0.000857	0.000208	9.482E-08
Base	24	31	GEO ENVE	Combination	Min	-0.012	-0.011	-10.14	-0.000407	-0.000536	-1.025E-07
Base	62	171	GEO ENVE	Combination	Max	0.011	0.012	-1.056	0.000568	0.000535	9.482E-08
Base	62	171	GEO ENVE	Combination	Min	-0.012	-0.012	-7.868	-0.001081	-0.00057	-1.025E-07
Base	63	75	GEO ENVE	Combination	Max	0.012	0.012	-0.426	0.001064	0.000646	9.482E-08
Base	63	75	GEO ENVE	Combination	Min	-0.012	-0.011	-8.913	-0.00068	-0.000693	-1.025E-07
Base	68	123	GEO ENVE	Combination	Max	0.011	0.012	-4.134	0.000864	0.000477	9.482E-08
Base	68	123	GEO ENVE	Combination	Min	-0.011	-0.012	-6.545	-0.000924	-0.00052	-1.025E-07
Base	88	124	GEO ENVE	Combination	Max	0.011	0.012	-2.82	0.000983	0.000519	9.482E-08
Base	88	124	GEO ENVE	Combination	Min	-0.011	-0.011	-6.981	-0.000928	-0.000453	-1.025E-07
Base	138	290	GEO ENVE	Combination	Max	0.011	0.012	-0.608	0.000451	0.000181	9.482E-08
Base	138	290	GEO ENVE	Combination	Min	-0.012	-0.011	-7.202	-0.001037	2.1E-05	-1.025E-07
Base	171	283	GEO ENVE	Combination	Max	0.012	0.012	0.165	0.001004	0.000465	9.482E-08
Base	171	283	GEO ENVE	Combination	Min	-0.012	-0.011	-7.701	-0.000697	-0.000366	-1.025E-07
Base	172	336	GEO ENVE	Combination	Max	0.012	0.012	-1.312	0.000866	0.000687	9.482E-08
Base	172	336	GEO ENVE	Combination	Min	-0.012	-0.012	-6.249	-0.000759	-0.000699	-1.025E-07
Base	174	333	GEO ENVE	Combination	Max	0.012	0.012	-0.732	0.000913	0.000658	9.482E-08
Base	174	333	GEO ENVE	Combination	Min	-0.012	-0.012	-6.813	-0.000729	-0.000687	-1.025E-07
Base	181	334	GEO ENVE	Combination	Max	0.012	0.012	-2.033	0.000673	0.000744	9.482E-08
Base	181	334	GEO ENVE	Combination	Min	-0.012	-0.012	-5.122	-0.000978	-0.000743	-1.025E-07
Base	182	328	GEO ENVE	Combination	Max	0.012	0.012	-2.743	0.000558	0.000739	9.482E-08
Base	182	328	GEO ENVE	Combination	Min	-0.012	-0.012	-4.288	-0.000884	-0.000707	-1.025E-07
Base	257	891	GEO ENVE	Combination	Max	0.012	0.013	0.646	0.000752	0.00064	9.482E-08
Base	257	891	GEO ENVE	Combination	Min	-0.012	-0.013	-7.727	-0.000516	-0.000719	-1.025E-07
Base	279	550	GEO ENVE	Combination	Max	0.001	0.002	-0.275	0.000195	0.000719	3.266E-08

Table 3.2 - Joint Displacements (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux mm	Uy mm	Uz mm	Rx rad	Ry rad	Rz rad
Base	279	550	GEO$_{ENVE}$	Combination	Min	-0.001	-0.003	-1.334	-0.000218	-3.9E-05	-3.566E-08
Base	295	634	GEO$_{ENVE}$	Combination	Max	0.001	0.002	-0.301	0.000288	0.000378	3.266E-08
Base	295	634	GEO$_{ENVE}$	Combination	Min	-0.001	-0.002	-1.314	-0.000121	-0.000477	-3.566E-08
Base	243	673	GEO$_{ENVE}$	Combination	Max	0.012	0.013	-3.905	0.002308	0.000414	9.482E-08
Base	243	673	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-7.138	0.00105	-0.000559	-1.025E-07
Base	244	675	GEO$_{ENVE}$	Combination	Max	0.012	0.013	-3.525	0.002387	0.000528	9.482E-08
Base	244	675	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-7.176	0.001181	-0.000581	-1.025E-07
Base	248	940	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-0.449	0.001094	0.00045	9.482E-08
Base	248	940	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-8.56	-0.000537	-0.000348	-1.025E-07
Base	292	732	GEO$_{ENVE}$	Combination	Max	0.012	0.013	3.341	0.00109	0.000594	9.482E-08
Base	292	732	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-10.143	-0.000545	-0.000786	-1.025E-07
Base	306	960	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-0.923	0.0005	0.000376	9.482E-08
Base	306	960	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-8.18	-0.001154	-0.00014	-1.025E-07
Base	309	959	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-1.286	0.000554	0.000315	9.482E-08
Base	309	959	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-7.836	-0.00117	-0.000518	-1.025E-07
Base	310	957	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-1.69	0.000541	0.000556	9.482E-08
Base	310	957	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-7.553	-0.001301	-0.00039	-1.025E-07
Base	313	774	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-1.73	9E-06	0.000327	9.482E-08
Base	313	774	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-6.255	-0.000806	-0.000558	-1.025E-07
Base	314	771	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-1.695	7.8E-05	0.000391	9.482E-08
Base	314	771	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-6.598	-0.00087	-0.000664	-1.025E-07
Base	325	786	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-2.542	0.000518	0.000741	9.482E-08
Base	325	786	GEO$_{ENVE}$	Combination	Min	-0.011	-0.012	-4.409	-0.000828	-0.000697	-1.025E-07
Base	326	787	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-1.733	0.000369	0.00073	9.482E-08
Base	326	787	GEO$_{ENVE}$	Combination	Min	-0.011	-0.012	-4.9	-0.000368	-0.000666	-1.025E-07
Base	331	794	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-0.353	0.000742	0.000366	9.482E-08
Base	331	794	GEO$_{ENVE}$	Combination	Min	-0.012	-0.011	-7.306	-0.000965	-0.000124	-1.025E-07
Base	332	795	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-0.474	0.000241	0.000395	9.482E-08
Base	332	795	GEO$_{ENVE}$	Combination	Min	-0.011	-0.011	-6.755	-0.000393	-0.00011	-1.025E-07
Base	335	798	GEO$_{ENVE}$	Combination	Max	0.012	0.011	-1.413	0.00068	0.000142	9.482E-08
Base	335	798	GEO$_{ENVE}$	Combination	Min	-0.011	-0.011	-8.002	-0.000778	-0.000595	-1.025E-07
Base	336	799	GEO$_{ENVE}$	Combination	Max	0.012	0.011	-0.829	0.00069	0.000145	9.482E-08
Base	336	799	GEO$_{ENVE}$	Combination	Min	-0.012	-0.011	-8.631	-0.000689	-0.000604	-1.025E-07
Base	67	921	GEO$_{ENVE}$	Combination	Max	0.012	0.011	0.864	0.000956	0.000505	9.482E-08
Base	67	921	GEO$_{ENVE}$	Combination	Min	-0.012	-0.011	-10.073	-0.000516	-0.000667	-1.025E-07
Base	211	920	GEO$_{ENVE}$	Combination	Max	0.012	0.011	0.5	0.000991	0.000608	9.482E-08
Base	211	920	GEO$_{ENVE}$	Combination	Min	-0.012	-0.011	-9.806	-0.000561	-0.000685	-1.025E-07
Base	363	939	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-0.452	0.001093	0.000434	9.482E-08
Base	363	939	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-8.508	-0.000526	-0.0003	-1.025E-07
Base	364	938	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-0.454	0.001091	0.000353	9.482E-08
Base	364	938	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-8.36	-0.000498	-0.000157	-1.025E-07
Base	372	956	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-1.761	0.000566	0.000721	9.482E-08
Base	372	956	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-7.372	-0.001307	-0.000522	-1.025E-07
Base	399	906	GEO$_{ENVE}$	Combination	Max	0.011	0.013	-0.707	0.000423	0.000439	9.482E-08
Base	399	906	GEO$_{ENVE}$	Combination	Min	-0.011	-0.013	-7.973	-0.00043	-0.000874	-1.025E-07
Base	400	907	GEO$_{ENVE}$	Combination	Max	0.011	0.013	-1.152	0.000575	0.000282	9.482E-08

Table 3.2 - Joint Displacements (continued)

Story	Label	Unique Name	Output Case	Case Type	Step Type	Ux mm	Uy mm	Uz mm	Rx rad	Ry rad	Rz rad
Base	400	907	GEO$_{ENVE}$	Combination	Min	-0.011	-0.013	-7.061	-0.000777	-0.001031	-1.025E-07
Base	401	908	GEO$_{ENVE}$	Combination	Max	0.011	0.013	-1.309	0.000714	0.000244	9.482E-08
Base	401	908	GEO$_{ENVE}$	Combination	Min	-0.011	-0.013	-6.801	-0.000819	-0.001068	-1.025E-07
Base	402	909	GEO$_{ENVE}$	Combination	Max	0.011	0.013	-0.654	0.000713	0.000323	9.482E-08
Base	402	909	GEO$_{ENVE}$	Combination	Min	-0.011	-0.013	-7.651	-0.000809	-0.000973	-1.025E-07
Base	446	157	GEO$_{ENVE}$	Combination	Max	0.012	0.013	-3.955	0.002131	0.000164	9.482E-08
Base	446	157	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-7.17	0.000791	-0.000416	-1.025E-07
Base	448	989	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-0.508	0.001122	0.000186	9.482E-08
Base	448	989	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-8.191	-0.000458	-0.000108	-1.025E-07
Base	464	922	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-0.414	0.001085	0.000534	9.482E-08
Base	464	922	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-8.843	-0.000605	-0.000583	-1.025E-07
Base	468	896	GEO$_{ENVE}$	Combination	Max	0.012	0.013	1.912	0.000944	0.000679	9.482E-08
Base	468	896	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-8.972	-0.000468	-0.000755	-1.025E-07
Base	493	993	GEO$_{ENVE}$	Combination	Max	0.012	0.012	-0.422	0.001077	0.000577	9.482E-08
Base	493	993	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-8.905	-0.000637	-0.000657	-1.025E-07
Base	499	1001	GEO$_{ENVE}$	Combination	Max	0.012	0.013	4.232	0.00115	0.000554	9.482E-08
Base	499	1001	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-10.784	-0.000681	-0.000796	-1.025E-07
Base	500	1002	GEO$_{ENVE}$	Combination	Max	0.012	0.013	3.754	0.001116	0.000575	9.482E-08
Base	500	1002	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-10.446	-0.000595	-0.000792	-1.025E-07
Base	501	1032	GEO$_{ENVE}$	Combination	Max	0.012	0.013	0.737	0.000815	0.000453	9.482E-08
Base	501	1032	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-8.691	-0.000651	-0.000819	-1.025E-07
Base	502	1033	GEO$_{ENVE}$	Combination	Max	0.012	0.013	2.443	0.001146	0.000449	9.482E-08
Base	502	1033	GEO$_{ENVE}$	Combination	Min	-0.012	-0.013	-9.8	-0.000791	-0.00084	-1.025E-07
Base	518	1034	GEO$_{ENVE}$	Combination	Max	0.011	0.013	-1.468	0.000401	0.000569	9.482E-08
Base	518	1034	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-7.335	-0.001425	-0.000726	-1.025E-07
Base	526	1045	GEO$_{ENVE}$	Combination	Max	0.011	0.011	2.766	0.000224	6.6E-05	9.482E-08
Base	526	1045	GEO$_{ENVE}$	Combination	Min	-0.012	-0.011	-10.848	-0.000891	-0.000456	-1.025E-07
Base	527	1046	GEO$_{ENVE}$	Combination	Max	0.011	0.011	2.075	0.000248	0.000552	9.482E-08
Base	527	1046	GEO$_{ENVE}$	Combination	Min	-0.012	-0.011	-10.748	-0.001054	-0.000549	-1.025E-07
Base	532	1057	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-1.782	4.5E-05	0.000321	9.482E-08
Base	532	1057	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-6.099	-0.000798	-0.00039	-1.025E-07
Base	533	1060	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-0.727	0.000391	0.000568	9.482E-08
Base	533	1060	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-6.81	-0.000689	-0.00048	-1.025E-07
Base	287	740	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-0.98	0.000306	0.000417	9.482E-08
Base	287	740	GEO$_{ENVE}$	Combination	Min	-0.012	-0.012	-7.246	-0.001007	-0.000227	-1.025E-07
Base	290	741	GEO$_{ENVE}$	Combination	Max	0.011	0.012	-0.681	0.000411	0.000234	9.482E-08
Base	290	741	GEO$_{ENVE}$	Combination	Min	-0.012	-0.011	-7.247	-0.00103	-1.1E-05	-1.025E-07

3.2 Line Results

Table 3.3 - Element Forces - Beams (Part 1 of 2)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B19	19	0	GEO$_{ENVE}$	Combination	Max	1	247	1	103	0.4607	-106
Base	B19	19	355.72	GEO$_{ENVE}$	Combination	Max	1	255	1	103	0.197	-183
Base	B19	19	711.44	GEO$_{ENVE}$	Combination	Max	1	263	1	103	0.05448	-259

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B19	19	1067.16	GEO$_{ENVE}$	Combination	Max	1	271	1	103	0.1566	-313
Base	B19	19	1067.16	GEO$_{ENVE}$	Combination	Max	1	288	0.3458	114	0.207	-313
Base	B19	19	1422.88	GEO$_{ENVE}$	Combination	Max	1	295	0.3494	114	0.08334	-282
Base	B19	19	1778.6	GEO$_{ENVE}$	Combination	Max	1	303	0.353	114	0.1231	-243
Base	B19	19	2134.31	GEO$_{ENVE}$	Combination	Max	1	311	0.3566	114	0.4794	-206
Base	B19	19	0	GEO$_{ENVE}$	Combination	Min	-1	-168	-0.296	60	-0.1618	-495
Base	B19	19	355.72	GEO$_{ENVE}$	Combination	Min	-1	-160	-0.2924	60	-0.067	-437
Base	B19	19	711.44	GEO$_{ENVE}$	Combination	Min	-1	-153	-0.2888	60	-0.08687	-403
Base	B19	19	1067.16	GEO$_{ENVE}$	Combination	Min	-1	-145	-0.2852	60	-0.3556	-402
Base	B19	19	1067.16	GEO$_{ENVE}$	Combination	Min	-1	-126	-1	73	-1	-402
Base	B19	19	1422.88	GEO$_{ENVE}$	Combination	Min	-1	-118	-1	73	-0.2455	-491
Base	B19	19	1778.6	GEO$_{ENVE}$	Combination	Min	-1	-110	-1	73	-0.05196	-596
Base	B19	19	2134.31	GEO$_{ENVE}$	Combination	Min	-1	-103	-1	73	-0.1678	-703
Base	B49	866	0	GEO$_{ENVE}$	Combination	Max	0	-8	0	7	0	37
Base	B49	866	460	GEO$_{ENVE}$	Combination	Max	0	-2	0	7	0	40
Base	B49	866	920	GEO$_{ENVE}$	Combination	Max	0	3	0	7	0	39
Base	B49	866	1380	GEO$_{ENVE}$	Combination	Max	0	9	0	7	0	36
Base	B49	866	1840	GEO$_{ENVE}$	Combination	Max	0	15	0	7	0	31
Base	B49	866	2300	GEO$_{ENVE}$	Combination	Max	0	21	0	7	0	25
Base	B49	866	2760	GEO$_{ENVE}$	Combination	Max	0	27	0	7	0	20
Base	B49	866	3220	GEO$_{ENVE}$	Combination	Max	0	33	0	7	0	13
Base	B49	866	3680	GEO$_{ENVE}$	Combination	Max	0	39	0	7	0	3
Base	B49	866	4140	GEO$_{ENVE}$	Combination	Max	0	44	0	7	0	-7
Base	B49	866	4600	GEO$_{ENVE}$	Combination	Max	0	50	0	7	0	-18
Base	B49	866	4600	GEO$_{ENVE}$	Combination	Max	0	-30	0	2	0	-25
Base	B49	866	5088.89	GEO$_{ENVE}$	Combination	Max	0	-23	0	2	0	-12
Base	B49	866	5577.78	GEO$_{ENVE}$	Combination	Max	0	-17	0	2	0	-2
Base	B49	866	6066.67	GEO$_{ENVE}$	Combination	Max	0	-11	0	2	0	5
Base	B49	866	6555.56	GEO$_{ENVE}$	Combination	Max	0	-5	0	2	0	12
Base	B49	866	7044.44	GEO$_{ENVE}$	Combination	Max	0	2	0	2	0	18
Base	B49	866	7533.33	GEO$_{ENVE}$	Combination	Max	0	8	0	2	0	20
Base	B49	866	8022.22	GEO$_{ENVE}$	Combination	Max	0	14	0	2	0	19
Base	B49	866	8511.11	GEO$_{ENVE}$	Combination	Max	0	20	0	2	0	15
Base	B49	866	9000	GEO$_{ENVE}$	Combination	Max	0	27	0	2	0	8
Base	B49	866	9000	GEO$_{ENVE}$	Combination	Max	0	-7	0	1	0	25
Base	B49	866	9488.89	GEO$_{ENVE}$	Combination	Max	0	-1	0	1	0	27
Base	B49	866	9977.78	GEO$_{ENVE}$	Combination	Max	0	5	0	1	0	26
Base	B49	866	10466.67	GEO$_{ENVE}$	Combination	Max	0	11	0	1	0	22
Base	B49	866	10955.56	GEO$_{ENVE}$	Combination	Max	0	18	0	1	0	15
Base	B49	866	11444.44	GEO$_{ENVE}$	Combination	Max	0	24	0	1	0	10
Base	B49	866	11933.33	GEO$_{ENVE}$	Combination	Max	0	30	0	1	0	7
Base	B49	866	12422.22	GEO$_{ENVE}$	Combination	Max	0	36	0	1	0	1
Base	B49	866	12911.11	GEO$_{ENVE}$	Combination	Max	0	42	0	1	0	-9
Base	B49	866	13400	GEO$_{ENVE}$	Combination	Max	0	49	0	1	0	-21
Base	B49	866	13400	GEO$_{ENVE}$	Combination	Max	0	-29	0	1	0	-22
Base	B49	866	13888.89	GEO$_{ENVE}$	Combination	Max	0	-22	0	1	0	-9

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B49	866	14377.78	GEO_{ENVE}	Combination	Max	0	-16	0	1	0	0
Base	B49	866	14866.67	GEO_{ENVE}	Combination	Max	0	-10	0	1	0	6
Base	B49	866	15355.56	GEO_{ENVE}	Combination	Max	0	-4	0	1	0	10
Base	B49	866	15844.44	GEO_{ENVE}	Combination	Max	0	2	0	1	0	15
Base	B49	866	16333.33	GEO_{ENVE}	Combination	Max	0	9	0	1	0	20
Base	B49	866	16822.22	GEO_{ENVE}	Combination	Max	0	15	0	1	0	22
Base	B49	866	17311.11	GEO_{ENVE}	Combination	Max	0	21	0	1	0	22
Base	B49	866	17800	GEO_{ENVE}	Combination	Max	0	27	0	1	0	18
Base	B49	866	17800	GEO_{ENVE}	Combination	Max	0	-8	0	2	0	24
Base	B49	866	18288.89	GEO_{ENVE}	Combination	Max	0	-2	0	2	0	27
Base	B49	866	18777.78	GEO_{ENVE}	Combination	Max	0	5	0	2	0	26
Base	B49	866	19266.67	GEO_{ENVE}	Combination	Max	0	11	0	2	0	22
Base	B49	866	19755.56	GEO_{ENVE}	Combination	Max	0	17	0	2	0	15
Base	B49	866	20244.44	GEO_{ENVE}	Combination	Max	0	23	0	2	0	10
Base	B49	866	20733.33	GEO_{ENVE}	Combination	Max	0	30	0	2	0	7
Base	B49	866	21222.22	GEO_{ENVE}	Combination	Max	0	36	0	2	0	0.3995
Base	B49	866	21711.11	GEO_{ENVE}	Combination	Max	0	42	0	2	0	-9
Base	B49	866	22200	GEO_{ENVE}	Combination	Max	0	48	0	2	0	-21
Base	B49	866	22200	GEO_{ENVE}	Combination	Max	0	-29	0	3	0	-22
Base	B49	866	22688.89	GEO_{ENVE}	Combination	Max	0	-22	0	3	0	-9
Base	B49	866	23177.78	GEO_{ENVE}	Combination	Max	0	-16	0	3	0	0
Base	B49	866	23666.67	GEO_{ENVE}	Combination	Max	0	-10	0	3	0	6
Base	B49	866	24155.56	GEO_{ENVE}	Combination	Max	0	-4	0	3	0	10
Base	B49	866	24644.44	GEO_{ENVE}	Combination	Max	0	3	0	3	0	14
Base	B49	866	25133.33	GEO_{ENVE}	Combination	Max	0	9	0	3	0	19
Base	B49	866	25622.22	GEO_{ENVE}	Combination	Max	0	15	0	3	0	21
Base	B49	866	26111.11	GEO_{ENVE}	Combination	Max	0	21	0	3	0	21
Base	B49	866	26600	GEO_{ENVE}	Combination	Max	0	27	0	3	0	17
Base	B49	866	26600	GEO_{ENVE}	Combination	Max	0	-16	0	5	0	14
Base	B49	866	27088.89	GEO_{ENVE}	Combination	Max	0	-10	0	5	0	20
Base	B49	866	27577.78	GEO_{ENVE}	Combination	Max	0	-3	0	5	0	23
Base	B49	866	28066.67	GEO_{ENVE}	Combination	Max	0	3	0	5	0	23
Base	B49	866	28555.56	GEO_{ENVE}	Combination	Max	0	9	0	5	0	20
Base	B49	866	29044.44	GEO_{ENVE}	Combination	Max	0	15	0	5	0	14
Base	B49	866	29533.33	GEO_{ENVE}	Combination	Max	0	22	0	5	0	7
Base	B49	866	30022.22	GEO_{ENVE}	Combination	Max	0	28	0	5	0	1
Base	B49	866	30511.11	GEO_{ENVE}	Combination	Max	0	34	0	5	0	-8
Base	B49	866	31000	GEO_{ENVE}	Combination	Max	0	40	0	5	0	-21
Base	B49	866	31000	GEO_{ENVE}	Combination	Max	0	-25	0	8	0	-17
Base	B49	866	31488.89	GEO_{ENVE}	Combination	Max	0	-19	0	8	0	-6
Base	B49	866	31977.78	GEO_{ENVE}	Combination	Max	0	-13	0	8	0	2
Base	B49	866	32466.67	GEO_{ENVE}	Combination	Max	0	-7	0	8	0	7
Base	B49	866	32955.56	GEO_{ENVE}	Combination	Max	0	-0.4155	0	8	0	10
Base	B49	866	33444.44	GEO_{ENVE}	Combination	Max	0	6	0	8	0	10
Base	B49	866	33933.33	GEO_{ENVE}	Combination	Max	0	12	0	8	0	8
Base	B49	866	34422.22	GEO_{ENVE}	Combination	Max	0	18	0	8	0	6

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B49	866	34911.11	GEO_{ENVE}	Combination	Max	0	25	0	8	0	2
Base	B49	866	35400	GEO_{ENVE}	Combination	Max	0	31	0	8	0	-5
Base	B49	866	35400	GEO_{ENVE}	Combination	Max	0	-19	0	14	0	-6
Base	B49	866	35850	GEO_{ENVE}	Combination	Max	0	-13	0	14	0	1
Base	B49	866	36300	GEO_{ENVE}	Combination	Max	0	-7	0	14	0	5
Base	B49	866	36750	GEO_{ENVE}	Combination	Max	0	-2	0	14	0	15
Base	B49	866	37200	GEO_{ENVE}	Combination	Max	0	4	0	14	0	22
Base	B49	866	37650	GEO_{ENVE}	Combination	Max	0	10	0	14	0	27
Base	B49	866	38100	GEO_{ENVE}	Combination	Max	0	16	0	14	0	29
Base	B49	866	38550	GEO_{ENVE}	Combination	Max	0	21	0	14	0	29
Base	B49	866	39000	GEO_{ENVE}	Combination	Max	0	27	0	14	0	26
Base	B49	866	39450	GEO_{ENVE}	Combination	Max	0	33	0	14	0	21
Base	B49	866	0	GEO_{ENVE}	Combination	Min	0	-32	0	-18	0	-29
Base	B49	866	460	GEO_{ENVE}	Combination	Min	0	-26	0	-18	0	-16
Base	B49	866	920	GEO_{ENVE}	Combination	Min	0	-20	0	-18	0	-5
Base	B49	866	1380	GEO_{ENVE}	Combination	Min	0	-14	0	-18	0	3
Base	B49	866	1840	GEO_{ENVE}	Combination	Min	0	-8	0	-18	0	8
Base	B49	866	2300	GEO_{ENVE}	Combination	Min	0	-2	0	-18	0	11
Base	B49	866	2760	GEO_{ENVE}	Combination	Min	0	3	0	-18	0	10
Base	B49	866	3220	GEO_{ENVE}	Combination	Min	0	9	0	-18	0	-4
Base	B49	866	3680	GEO_{ENVE}	Combination	Min	0	15	0	-18	0	-20
Base	B49	866	4140	GEO_{ENVE}	Combination	Min	0	21	0	-18	0	-39
Base	B49	866	4600	GEO_{ENVE}	Combination	Min	0	27	0	-18	0	-61
Base	B49	866	4600	GEO_{ENVE}	Combination	Min	0	-39	0	-9	0	-43
Base	B49	866	5088.89	GEO_{ENVE}	Combination	Min	0	-32	0	-9	0	-26
Base	B49	866	5577.78	GEO_{ENVE}	Combination	Min	0	-26	0	-9	0	-11
Base	B49	866	6066.67	GEO_{ENVE}	Combination	Min	0	-20	0	-9	0	-0.3127
Base	B49	866	6555.56	GEO_{ENVE}	Combination	Min	0	-14	0	-9	0	7
Base	B49	866	7044.44	GEO_{ENVE}	Combination	Min	0	-8	0	-9	0	8
Base	B49	866	7533.33	GEO_{ENVE}	Combination	Min	0	-1	0	-9	0	6
Base	B49	866	8022.22	GEO_{ENVE}	Combination	Min	0	5	0	-9	0	0.4721
Base	B49	866	8511.11	GEO_{ENVE}	Combination	Min	0	11	0	-9	0	-8
Base	B49	866	9000	GEO_{ENVE}	Combination	Min	0	17	0	-9	0	-19
Base	B49	866	9000	GEO_{ENVE}	Combination	Min	0	-28	0	-5	0	-20
Base	B49	866	9488.89	GEO_{ENVE}	Combination	Min	0	-21	0	-5	0	-8
Base	B49	866	9977.78	GEO_{ENVE}	Combination	Min	0	-15	0	-5	0	1
Base	B49	866	10466.67	GEO_{ENVE}	Combination	Min	0	-9	0	-5	0	7
Base	B49	866	10955.56	GEO_{ENVE}	Combination	Min	0	-3	0	-5	0	8
Base	B49	866	11444.44	GEO_{ENVE}	Combination	Min	0	3	0	-5	0	5
Base	B49	866	11933.33	GEO_{ENVE}	Combination	Min	0	10	0	-5	0	-8
Base	B49	866	12422.22	GEO_{ENVE}	Combination	Min	0	16	0	-5	0	-24
Base	B49	866	12911.11	GEO_{ENVE}	Combination	Min	0	22	0	-5	0	-44
Base	B49	866	13400	GEO_{ENVE}	Combination	Min	0	28	0	-5	0	-66
Base	B49	866	13400	GEO_{ENVE}	Combination	Min	0	-45	0	-2	0	-58
Base	B49	866	13888.89	GEO_{ENVE}	Combination	Min	0	-39	0	-2	0	-37
Base	B49	866	14377.78	GEO_{ENVE}	Combination	Min	0	-33	0	-2	0	-20

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B49	866	14866.67	GEO_{ENVE}	Combination	Min	0	-27	0	-2	0	-5
Base	B49	866	15355.56	GEO_{ENVE}	Combination	Min	0	-20	0	-2	0	6
Base	B49	866	15844.44	GEO_{ENVE}	Combination	Min	0	-14	0	-2	0	10
Base	B49	866	16333.33	GEO_{ENVE}	Combination	Min	0	-8	0	-2	0	7
Base	B49	866	16822.22	GEO_{ENVE}	Combination	Min	0	-2	0	-2	0	2
Base	B49	866	17311.11	GEO_{ENVE}	Combination	Min	0	5	0	-2	0	-7
Base	B49	866	17800	GEO_{ENVE}	Combination	Min	0	11	0	-2	0	-19
Base	B49	866	17800	GEO_{ENVE}	Combination	Min	0	-28	0	-3	0	-20
Base	B49	866	18288.89	GEO_{ENVE}	Combination	Min	0	-22	0	-3	0	-8
Base	B49	866	18777.78	GEO_{ENVE}	Combination	Min	0	-15	0	-3	0	1
Base	B49	866	19266.67	GEO_{ENVE}	Combination	Min	0	-9	0	-3	0	7
Base	B49	866	19755.56	GEO_{ENVE}	Combination	Min	0	-3	0	-3	0	10
Base	B49	866	20244.44	GEO_{ENVE}	Combination	Min	0	3	0	-3	0	5
Base	B49	866	20733.33	GEO_{ENVE}	Combination	Min	0	10	0	-3	0	-8
Base	B49	866	21222.22	GEO_{ENVE}	Combination	Min	0	16	0	-3	0	-24
Base	B49	866	21711.11	GEO_{ENVE}	Combination	Min	0	22	0	-3	0	-43
Base	B49	866	22200	GEO_{ENVE}	Combination	Min	0	28	0	-3	0	-65
Base	B49	866	22200	GEO_{ENVE}	Combination	Min	0	-45	0	-2	0	-59
Base	B49	866	22688.89	GEO_{ENVE}	Combination	Min	0	-39	0	-2	0	-38
Base	B49	866	23177.78	GEO_{ENVE}	Combination	Min	0	-33	0	-2	0	-20
Base	B49	866	23666.67	GEO_{ENVE}	Combination	Min	0	-26	0	-2	0	-6
Base	B49	866	24155.56	GEO_{ENVE}	Combination	Min	0	-20	0	-2	0	4
Base	B49	866	24644.44	GEO_{ENVE}	Combination	Min	0	-14	0	-2	0	8
Base	B49	866	25133.33	GEO_{ENVE}	Combination	Min	0	-8	0	-2	0	7
Base	B49	866	25622.22	GEO_{ENVE}	Combination	Min	0	-2	0	-2	0	1
Base	B49	866	26111.11	GEO_{ENVE}	Combination	Min	0	5	0	-2	0	-8
Base	B49	866	26600	GEO_{ENVE}	Combination	Min	0	11	0	-2	0	-19
Base	B49	866	26600	GEO_{ENVE}	Combination	Min	0	-28	0	-2	0	-20
Base	B49	866	27088.89	GEO_{ENVE}	Combination	Min	0	-22	0	-2	0	-8
Base	B49	866	27577.78	GEO_{ENVE}	Combination	Min	0	-15	0	-2	0	1
Base	B49	866	28066.67	GEO_{ENVE}	Combination	Min	0	-9	0	-2	0	7
Base	B49	866	28555.56	GEO_{ENVE}	Combination	Min	0	-3	0	-2	0	10
Base	B49	866	29044.44	GEO_{ENVE}	Combination	Min	0	3	0	-2	0	10
Base	B49	866	29533.33	GEO_{ENVE}	Combination	Min	0	9	0	-2	0	4
Base	B49	866	30022.22	GEO_{ENVE}	Combination	Min	0	16	0	-2	0	-7
Base	B49	866	30511.11	GEO_{ENVE}	Combination	Min	0	22	0	-2	0	-22
Base	B49	866	31000	GEO_{ENVE}	Combination	Min	0	28	0	-2	0	-40
Base	B49	866	31000	GEO_{ENVE}	Combination	Min	0	-38	0	-2	0	-50
Base	B49	866	31488.89	GEO_{ENVE}	Combination	Min	0	-32	0	-2	0	-33
Base	B49	866	31977.78	GEO_{ENVE}	Combination	Min	0	-26	0	-2	0	-19
Base	B49	866	32466.67	GEO_{ENVE}	Combination	Min	0	-20	0	-2	0	-8
Base	B49	866	32955.56	GEO_{ENVE}	Combination	Min	0	-14	0	-2	0	0.3072
Base	B49	866	33444.44	GEO_{ENVE}	Combination	Min	0	-7	0	-2	0	5
Base	B49	866	33933.33	GEO_{ENVE}	Combination	Min	0	-1	0	-2	0	3
Base	B49	866	34422.22	GEO_{ENVE}	Combination	Min	0	5	0	-2	0	-5
Base	B49	866	34911.11	GEO_{ENVE}	Combination	Min	0	11	0	-2	0	-15

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B49	866	35400	GEO_{ENVE}	Combination	Min	0	18	0	-2	0	-29
Base	B49	866	35400	GEO_{ENVE}	Combination	Min	0	-37	0	-5	0	-24
Base	B49	866	35850	GEO_{ENVE}	Combination	Min	0	-31	0	-5	0	-8
Base	B49	866	36300	GEO_{ENVE}	Combination	Min	0	-25	0	-5	0	2
Base	B49	866	36750	GEO_{ENVE}	Combination	Min	0	-20	0	-5	0	7
Base	B49	866	37200	GEO_{ENVE}	Combination	Min	0	-14	0	-5	0	7
Base	B49	866	37650	GEO_{ENVE}	Combination	Min	0	-8	0	-5	0	4
Base	B49	866	38100	GEO_{ENVE}	Combination	Min	0	-2	0	-5	0	-2
Base	B49	866	38550	GEO_{ENVE}	Combination	Min	0	3	0	-5	0	-10
Base	B49	866	39000	GEO_{ENVE}	Combination	Min	0	9	0	-5	0	-21
Base	B49	866	39450	GEO_{ENVE}	Combination	Min	0	15	0	-5	0	-34
Base	B53	884	0	GEO_{ENVE}	Combination	Max	0	-48	0	20	0	-46
Base	B53	884	465.38	GEO_{ENVE}	Combination	Max	0	-41	0	20	0	-25
Base	B53	884	930.76	GEO_{ENVE}	Combination	Max	0	-35	0	20	0	-7
Base	B53	884	1396.13	GEO_{ENVE}	Combination	Max	0	-28	0	20	0	8
Base	B53	884	1861.51	GEO_{ENVE}	Combination	Max	0	-21	0	20	0	27
Base	B53	884	2326.89	GEO_{ENVE}	Combination	Max	0	-14	0	20	0	43
Base	B53	884	2792.27	GEO_{ENVE}	Combination	Max	0	-7	0	20	0	56
Base	B53	884	3257.64	GEO_{ENVE}	Combination	Max	0	0.08323	0	20	0	65
Base	B53	884	3723.02	GEO_{ENVE}	Combination	Max	0	7	0	20	0	71
Base	B53	884	4188.4	GEO_{ENVE}	Combination	Max	0	14	0	20	0	74
Base	B53	884	4653.78	GEO_{ENVE}	Combination	Max	0	21	0	20	0	74
Base	B53	884	5119.16	GEO_{ENVE}	Combination	Max	0	28	0	20	0	71
Base	B53	884	5584.53	GEO_{ENVE}	Combination	Max	0	35	0	20	0	64
Base	B53	884	6049.91	GEO_{ENVE}	Combination	Max	0	42	0	20	0	54
Base	B53	884	6515.29	GEO_{ENVE}	Combination	Max	0	49	0	20	0	41
Base	B53	884	0	GEO_{ENVE}	Combination	Min	0	-65	0	-7	0	-69
Base	B53	884	465.38	GEO_{ENVE}	Combination	Min	0	-58	0	-7	0	-40
Base	B53	884	930.76	GEO_{ENVE}	Combination	Min	0	-51	0	-7	0	-15
Base	B53	884	1396.13	GEO_{ENVE}	Combination	Min	0	-44	0	-7	0	6
Base	B53	884	1861.51	GEO_{ENVE}	Combination	Min	0	-38	0	-7	0	18
Base	B53	884	2326.89	GEO_{ENVE}	Combination	Min	0	-31	0	-7	0	26
Base	B53	884	2792.27	GEO_{ENVE}	Combination	Min	0	-24	0	-7	0	31
Base	B53	884	3257.64	GEO_{ENVE}	Combination	Min	0	-17	0	-7	0	33
Base	B53	884	3723.02	GEO_{ENVE}	Combination	Min	0	-10	0	-7	0	31
Base	B53	884	4188.4	GEO_{ENVE}	Combination	Min	0	-3	0	-7	0	26
Base	B53	884	4653.78	GEO_{ENVE}	Combination	Min	0	4	0	-7	0	18
Base	B53	884	5119.16	GEO_{ENVE}	Combination	Min	0	11	0	-7	0	7
Base	B53	884	5584.53	GEO_{ENVE}	Combination	Min	0	18	0	-7	0	-8
Base	B53	884	6049.91	GEO_{ENVE}	Combination	Min	0	25	0	-7	0	-26
Base	B53	884	6515.29	GEO_{ENVE}	Combination	Min	0	32	0	-7	0	-47
Base	B56	867	0	GEO_{ENVE}	Combination	Max	0	-26	0	12	0	31
Base	B56	867	495.24	GEO_{ENVE}	Combination	Max	0	-20	0	12	0	42
Base	B56	867	990.49	GEO_{ENVE}	Combination	Max	0	-14	0	12	0	51
Base	B56	867	1485.73	GEO_{ENVE}	Combination	Max	0	-7	0	12	0	56
Base	B56	867	1980.97	GEO_{ENVE}	Combination	Max	0	-1	0	12	0	58

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B56	867	2476.21	GEO$_{ENVE}$	Combination	Max	0	5	0	12	0	57
Base	B56	867	2971.46	GEO$_{ENVE}$	Combination	Max	0	11	0	12	0	53
Base	B56	867	3466.7	GEO$_{ENVE}$	Combination	Max	0	18	0	12	0	46
Base	B56	867	3961.94	GEO$_{ENVE}$	Combination	Max	0	24	0	12	0	35
Base	B56	867	4457.19	GEO$_{ENVE}$	Combination	Max	0	30	0	12	0	22
Base	B56	867	4952.43	GEO$_{ENVE}$	Combination	Max	0	37	0	12	0	9
Base	B56	867	5447.67	GEO$_{ENVE}$	Combination	Max	0	43	0	12	0	-4
Base	B56	867	5942.92	GEO$_{ENVE}$	Combination	Max	0	49	0	12	0	-20
Base	B56	867	6438.16	GEO$_{ENVE}$	Combination	Max	0	56	0	12	0	-39
Base	B56	867	0	GEO$_{ENVE}$	Combination	Min	0	-41	0	-6	0	-37
Base	B56	867	495.24	GEO$_{ENVE}$	Combination	Min	0	-34	0	-6	0	-18
Base	B56	867	990.49	GEO$_{ENVE}$	Combination	Min	0	-28	0	-6	0	-3
Base	B56	867	1485.73	GEO$_{ENVE}$	Combination	Min	0	-22	0	-6	0	9
Base	B56	867	1980.97	GEO$_{ENVE}$	Combination	Min	0	-15	0	-6	0	19
Base	B56	867	2476.21	GEO$_{ENVE}$	Combination	Min	0	-9	0	-6	0	25
Base	B56	867	2971.46	GEO$_{ENVE}$	Combination	Min	0	-3	0	-6	0	28
Base	B56	867	3466.7	GEO$_{ENVE}$	Combination	Min	0	4	0	-6	0	27
Base	B56	867	3961.94	GEO$_{ENVE}$	Combination	Min	0	10	0	-6	0	24
Base	B56	867	4457.19	GEO$_{ENVE}$	Combination	Min	0	16	0	-6	0	18
Base	B56	867	4952.43	GEO$_{ENVE}$	Combination	Min	0	22	0	-6	0	5
Base	B56	867	5447.67	GEO$_{ENVE}$	Combination	Min	0	29	0	-6	0	-15
Base	B56	867	5942.92	GEO$_{ENVE}$	Combination	Min	0	35	0	-6	0	-38
Base	B56	867	6438.16	GEO$_{ENVE}$	Combination	Min	0	41	0	-6	0	-64
Base	B349	362	0	GEO$_{ENVE}$	Combination	Max	288	-25	14	-32	11	332
Base	B349	362	290	GEO$_{ENVE}$	Combination	Max	288	-18	14	-32	7	417
Base	B349	362	580	GEO$_{ENVE}$	Combination	Max	288	-11	14	-32	3	500
Base	B349	362	580	GEO$_{ENVE}$	Combination	Max	147	2	7	-32	3	507
Base	B349	362	966.67	GEO$_{ENVE}$	Combination	Max	147	11	7	-32	5	540
Base	B349	362	966.67	GEO$_{ENVE}$	Combination	Max	106	7	1	-30	6	568
Base	B349	362	1160	GEO$_{ENVE}$	Combination	Max	106	12	1	-30	6	576
Base	B349	362	1160	GEO$_{ENVE}$	Combination	Max	39	112	4	-30	4	586
Base	B349	362	1450	GEO$_{ENVE}$	Combination	Max	39	119	4	-30	3	601
Base	B349	362	1740	GEO$_{ENVE}$	Combination	Max	39	126	4	-30	2	615
Base	B349	362	1740	GEO$_{ENVE}$	Combination	Max	169	37	1	-28	1	617
Base	B349	362	1933.33	GEO$_{ENVE}$	Combination	Max	169	42	1	-28	0.4909	615
Base	B349	362	1933.33	GEO$_{ENVE}$	Combination	Max	206	116	2	-22	0.1625	605
Base	B349	362	2320	GEO$_{ENVE}$	Combination	Max	206	125	2	-22	1	584
Base	B349	362	2320	GEO$_{ENVE}$	Combination	Max	318	188	2	-21	3	575
Base	B349	362	2610	GEO$_{ENVE}$	Combination	Max	318	195	2	-21	5	519
Base	B349	362	2900	GEO$_{ENVE}$	Combination	Max	318	202	2	-21	6	467
Base	B349	362	2900	GEO$_{ENVE}$	Combination	Max	258	387	5	-3	1	467
Base	B349	362	3395.12	GEO$_{ENVE}$	Combination	Max	258	399	5	-3	0.4862	276
Base	B349	362	3395.12	GEO$_{ENVE}$	Combination	Max	0	-0.05898	0	0	0	0
Base	B349	362	3400	GEO$_{ENVE}$	Combination	Max	0	0.05898	0	0	0	0
Base	B349	362	3400	GEO$_{ENVE}$	Combination	Max	79	517	0.17	14	0.2644	269
Base	B349	362	3900	GEO$_{ENVE}$	Combination	Max	79	529	0.1657	14	0.1805	110

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B349	362	3900	GEO_{ENVE}	Combination	Max	64	245	0.0808	15	0.1158	107
Base	B349	362	4147.56	GEO_{ENVE}	Combination	Max	64	251	0.07868	15	0.09607	108
Base	B349	362	4147.56	GEO_{ENVE}	Combination	Max	80	259	0.06691	20	0.1912	112
Base	B349	362	4400	GEO_{ENVE}	Combination	Max	80	265	0.06475	20	0.1838	122
Base	B349	362	4400	GEO_{ENVE}	Combination	Max	183	560	0	21	0.2619	125
Base	B349	362	4900	GEO_{ENVE}	Combination	Max	182	572	0	21	0.4793	132
Base	B349	362	4900	GEO_{ENVE}	Combination	Max	0	708	0	45	0	126
Base	B349	362	5166.1	GEO_{ENVE}	Combination	Max	0	714	0	45	0	92
Base	B349	362	5432.19	GEO_{ENVE}	Combination	Max	0	720	0	45	0	57
Base	B349	362	5432.19	GEO_{ENVE}	Combination	Max	48	-3	0	55	1	45
Base	B349	362	5475	GEO_{ENVE}	Combination	Max	48	-2	0	55	1	45
Base	B349	362	5475	GEO_{ENVE}	Combination	Max	22	-87	2	60	1	57
Base	B349	362	5762.5	GEO_{ENVE}	Combination	Max	22	-80	2	60	0.2991	81
Base	B349	362	6050	GEO_{ENVE}	Combination	Max	22	-73	2	60	0	149
Base	B349	362	6050	GEO_{ENVE}	Combination	Max	16	16	0.2552	62	0	178
Base	B349	362	6316.1	GEO_{ENVE}	Combination	Max	16	22	0.2529	62	0	216
Base	B349	362	6316.1	GEO_{ENVE}	Combination	Max	12	42	0	69	-0.1293	279
Base	B349	362	6625	GEO_{ENVE}	Combination	Max	12	49	0	69	-0.1165	381
Base	B349	362	6625	GEO_{ENVE}	Combination	Max	71	67	-0.2607	71	0	437
Base	B349	362	6912.5	GEO_{ENVE}	Combination	Max	71	74	-0.2631	71	0.3928	569
Base	B349	362	7200	GEO_{ENVE}	Combination	Max	71	81	-0.2656	71	1	700
Base	B349	362	7200	GEO_{ENVE}	Combination	Max	189	96	1	100	0.3923	719
Base	B349	362	7700	GEO_{ENVE}	Combination	Max	189	109	1	100	0	861
Base	B349	362	7700	GEO_{ENVE}	Combination	Max	86	184	0.3541	100	0	877
Base	B349	362	8200	GEO_{ENVE}	Combination	Max	86	196	0.3498	100	0	985
Base	B349	362	8200	GEO_{ENVE}	Combination	Max	73	278	0.09632	124	0	998
Base	B349	362	8700	GEO_{ENVE}	Combination	Max	73	290	0.09203	124	0	1099
Base	B349	362	8700	GEO_{ENVE}	Combination	Max	187	353	-0.2529	124	0	1116
Base	B349	362	9200	GEO_{ENVE}	Combination	Max	187	365	-0.2571	124	0.3526	1271
Base	B349	362	9200	GEO_{ENVE}	Combination	Max	187	574	3	144	2	1289
Base	B349	362	9477.4	GEO_{ENVE}	Combination	Max	187	581	3	144	1	1399
Base	B349	362	9754.8	GEO_{ENVE}	Combination	Max	187	587	3	144	-0.05446	1507
Base	B349	362	9754.8	GEO_{ENVE}	Combination	Max	35	379	1	145	0	1550
Base	B349	362	10032.19	GEO_{ENVE}	Combination	Max	35	386	1	145	0	1605
Base	B349	362	10032.19	GEO_{ENVE}	Combination	Max	5	370	0.2235	149	1	1694
Base	B349	362	10309.59	GEO_{ENVE}	Combination	Max	5	376	0.2212	149	1	1754
Base	B349	362	10309.59	GEO_{ENVE}	Combination	Max	129	972	1	150	0.2019	1804
Base	B349	362	10586.99	GEO_{ENVE}	Combination	Max	129	978	1	150	1	1872
Base	B349	362	10864.39	GEO_{ENVE}	Combination	Max	129	985	1	150	2	1937
Base	B349	362	10864.39	GEO_{ENVE}	Combination	Max	1	178	1	24	0.2344	1983
Base	B349	362	11317.07	GEO_{ENVE}	Combination	Max	1	189	1	24	0	1900
Base	B349	362	11769.75	GEO_{ENVE}	Combination	Max	1	200	1	24	0.2424	1812
Base	B349	362	11769.75	GEO_{ENVE}	Combination	Max	1	215	0.4353	36	0.1875	1811
Base	B349	362	12222.44	GEO_{ENVE}	Combination	Max	1	226	0.4314	36	0	1712
Base	B349	362	12675.12	GEO_{ENVE}	Combination	Max	1	237	0.4275	36	0.2277	1607
Base	B349	362	12675.12	GEO_{ENVE}	Combination	Max	0.1823	390	1	61	0.3364	1607

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B349	362	13127.8	GEO_{ENVE}	Combination	Max	0.1774	401	1	61	0	1427
Base	B349	362	13580.49	GEO_{ENVE}	Combination	Max	0.1726	412	1	61	0.3327	1243
Base	B349	362	13580.49	GEO_{ENVE}	Combination	Max	0.1389	451	1	85	0.3184	1244
Base	B349	362	14033.17	GEO_{ENVE}	Combination	Max	0.134	462	1	85	0	1037
Base	B349	362	14485.85	GEO_{ENVE}	Combination	Max	0.1292	473	1	85	0.3352	825
Base	B349	362	14485.85	GEO_{ENVE}	Combination	Max	0.1429	498	0.4608	102	0.215	823
Base	B349	362	14938.53	GEO_{ENVE}	Combination	Max	0.138	509	0.4569	102	0	595
Base	B349	362	15391.22	GEO_{ENVE}	Combination	Max	0.1332	520	0.453	102	0.1554	362
Base	B349	362	15391.22	GEO_{ENVE}	Combination	Max	0.1636	536	0.415	111	0.1935	360
Base	B349	362	15843.9	GEO_{ENVE}	Combination	Max	0.1588	547	0.4112	111	0	135
Base	B349	362	16296.58	GEO_{ENVE}	Combination	Max	0.154	557	0.4073	111	0.2275	185
Base	B349	362	0	GEO_{ENVE}	Combination	Min	-382	-393	-9	-102	-8	-204
Base	B349	362	290	GEO_{ENVE}	Combination	Min	-382	-386	-9	-102	-5	-168
Base	B349	362	580	GEO_{ENVE}	Combination	Min	-382	-379	-9	-102	-2	-134
Base	B349	362	580	GEO_{ENVE}	Combination	Min	-186	-154	-5	-101	-5	-111
Base	B349	362	966.67	GEO_{ENVE}	Combination	Min	-186	-145	-5	-101	-7	-87
Base	B349	362	966.67	GEO_{ENVE}	Combination	Min	-135	-58	-1	-97	-8	-78
Base	B349	362	1160	GEO_{ENVE}	Combination	Min	-135	-54	-1	-97	-8	-76
Base	B349	362	1160	GEO_{ENVE}	Combination	Min	-19	-195	-5	-96	-6	-76
Base	B349	362	1450	GEO_{ENVE}	Combination	Min	-19	-188	-5	-96	-5	-63
Base	B349	362	1740	GEO_{ENVE}	Combination	Min	-19	-181	-5	-96	-3	-54
Base	B349	362	1740	GEO_{ENVE}	Combination	Min	-120	-40	-1	-94	-2	-53
Base	B349	362	1933.33	GEO_{ENVE}	Combination	Min	-120	-35	-1	-94	-1	-51
Base	B349	362	1933.33	GEO_{ENVE}	Combination	Min	-152	-71	-3	-89	-1	-47
Base	B349	362	2320	GEO_{ENVE}	Combination	Min	-152	-61	-3	-89	-1	-45
Base	B349	362	2320	GEO_{ENVE}	Combination	Min	-261	-49	-5	-88	-2	-45
Base	B349	362	2610	GEO_{ENVE}	Combination	Min	-261	-42	-5	-88	-3	-35
Base	B349	362	2900	GEO_{ENVE}	Combination	Min	-261	-35	-5	-88	-3	-32
Base	B349	362	2900	GEO_{ENVE}	Combination	Min	-189	-94	-2	-75	-1	-35
Base	B349	362	3395.12	GEO_{ENVE}	Combination	Min	-189	-82	-2	-75	-1	7
Base	B349	362	3395.12	GEO_{ENVE}	Combination	Min	0	-0.05898	0	0	0	0
Base	B349	362	3400	GEO_{ENVE}	Combination	Min	0	0.05898	0	0	0	0
Base	B349	362	3400	GEO_{ENVE}	Combination	Min	-68	-131	-0.4482	-64	-1	8
Base	B349	362	3900	GEO_{ENVE}	Combination	Min	-68	-119	-0.4525	-64	-0.3873	-35
Base	B349	362	3900	GEO_{ENVE}	Combination	Min	-97	-56	-0.1494	-63	-0.2423	-67
Base	B349	362	4147.56	GEO_{ENVE}	Combination	Min	-97	-50	-0.1515	-63	-0.2051	-115
Base	B349	362	4147.56	GEO_{ENVE}	Combination	Min	-114	-43	-0.1114	-59	-0.2554	-208
Base	B349	362	4400	GEO_{ENVE}	Combination	Min	-114	-36	-0.1136	-59	-0.2376	-275
Base	B349	362	4400	GEO_{ENVE}	Combination	Min	-227	-19	-1	-59	-0.15	-331
Base	B349	362	4900	GEO_{ENVE}	Combination	Min	-227	-7	-1	-59	-0.1254	-614
Base	B349	362	4900	GEO_{ENVE}	Combination	Min	0	98	0	-43	0	-633
Base	B349	362	5166.1	GEO_{ENVE}	Combination	Min	0	104	0	-43	0	-811
Base	B349	362	5432.19	GEO_{ENVE}	Combination	Min	0	111	0	-43	0	-990
Base	B349	362	5432.19	GEO_{ENVE}	Combination	Min	-124	-16	0	-38	0.1092	-1021
Base	B349	362	5475	GEO_{ENVE}	Combination	Min	-124	-15	0	-38	0.1091	-1020
Base	B349	362	5475	GEO_{ENVE}	Combination	Min	-65	-929	0.1395	-35	0.076	-932

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B349	362	5762.5	GEO_{ENVE}	Combination	Min	-65	-922	0.137	-35	0	-678
Base	B349	362	6050	GEO_{ENVE}	Combination	Min	-65	-915	0.1345	-35	-0.1927	-460
Base	B349	362	6050	GEO_{ENVE}	Combination	Min	-7	-336	0	-34	-1	-407
Base	B349	362	6316.1	GEO_{ENVE}	Combination	Min	-7	-330	0	-34	-1	-353
Base	B349	362	6316.1	GEO_{ENVE}	Combination	Min	1	-381	-0.3322	-30	-1	-300
Base	B349	362	6625	GEO_{ENVE}	Combination	Min	1	-374	-0.3349	-30	-1	-297
Base	B349	362	6625	GEO_{ENVE}	Combination	Min	-38	-465	-2	-29	-0.1809	-300
Base	B349	362	6912.5	GEO_{ENVE}	Combination	Min	-38	-458	-2	-29	0	-318
Base	B349	362	7200	GEO_{ENVE}	Combination	Min	-38	-451	-2	-29	0.1171	-339
Base	B349	362	7200	GEO_{ENVE}	Combination	Min	-178	-297	0	-11	0	-341
Base	B349	362	7700	GEO_{ENVE}	Combination	Min	-178	-285	0	-11	0	-393
Base	B349	362	7700	GEO_{ENVE}	Combination	Min	-83	-318	-0.1684	-12	-0.1874	-400
Base	B349	362	8200	GEO_{ENVE}	Combination	Min	-83	-306	-0.1727	-12	-0.3188	-443
Base	B349	362	8200	GEO_{ENVE}	Combination	Min	-79	-317	-0.2068	3	-0.2618	-450
Base	B349	362	8700	GEO_{ENVE}	Combination	Min	-79	-305	-0.2111	3	-0.1573	-536
Base	B349	362	8700	GEO_{ENVE}	Combination	Min	-196	-385	-1	2	-0.05486	-553
Base	B349	362	9200	GEO_{ENVE}	Combination	Min	-196	-373	-1	2	0.09167	-713
Base	B349	362	9200	GEO_{ENVE}	Combination	Min	-123	-452	-0.3712	2	-0.3319	-735
Base	B349	362	9477.4	GEO_{ENVE}	Combination	Min	-123	-445	-0.3736	2	-0.2286	-896
Base	B349	362	9754.8	GEO_{ENVE}	Combination	Min	-123	-438	-0.3759	2	-0.1338	-1058
Base	B349	362	9754.8	GEO_{ENVE}	Combination	Min	-16	-238	-0.1359	0	-1	-1132
Base	B349	362	10032.19	GEO_{ENVE}	Combination	Min	-16	-231	-0.1383	0	-1	-1236
Base	B349	362	10032.19	GEO_{ENVE}	Combination	Min	-1	-217	-1	-2	-2	-1384
Base	B349	362	10309.59	GEO_{ENVE}	Combination	Min	-1	-210	-1	-2	-2	-1485
Base	B349	362	10309.59	GEO_{ENVE}	Combination	Min	-205	-267	-4	-4	-0.2692	-1579
Base	B349	362	10586.99	GEO_{ENVE}	Combination	Min	-205	-260	-4	-4	-0.1993	-1769
Base	B349	362	10864.39	GEO_{ENVE}	Combination	Min	-205	-253	-4	-4	-1	-1965
Base	B349	362	10864.39	GEO_{ENVE}	Combination	Min	-1	-606	-1	-116	-0.2168	-1983
Base	B349	362	11317.07	GEO_{ENVE}	Combination	Min	-1	-595	-1	-116	0	-1714
Base	B349	362	11769.75	GEO_{ENVE}	Combination	Min	-1	-584	-1	-116	-0.2454	-1450
Base	B349	362	11769.75	GEO_{ENVE}	Combination	Min	-1	-568	-0.4888	-107	-0.2184	-1449
Base	B349	362	12222.44	GEO_{ENVE}	Combination	Min	-1	-557	-0.4927	-107	0	-1197
Base	B349	362	12675.12	GEO_{ENVE}	Combination	Min	-1	-546	-0.4966	-107	-0.2031	-950
Base	B349	362	12675.12	GEO_{ENVE}	Combination	Min	-0.1292	-457	-1	-85	-0.3247	-947
Base	B349	362	13127.8	GEO_{ENVE}	Combination	Min	-0.134	-446	-1	-85	0	-743
Base	B349	362	13580.49	GEO_{ENVE}	Combination	Min	-0.1389	-435	-1	-85	-0.3377	-546
Base	B349	362	13580.49	GEO_{ENVE}	Combination	Min	-0.1726	-394	-1	-64	-0.3334	-543
Base	B349	362	14033.17	GEO_{ENVE}	Combination	Min	-0.1774	-383	-1	-64	0	-376
Base	B349	362	14485.85	GEO_{ENVE}	Combination	Min	-0.1823	-372	-1	-64	-0.3203	-213
Base	B349	362	14485.85	GEO_{ENVE}	Combination	Min	-0.154	-239	-0.353	-49	-0.1677	-212
Base	B349	362	14938.53	GEO_{ENVE}	Combination	Min	-0.1588	-228	-0.3569	-49	0	-115
Base	B349	362	15391.22	GEO_{ENVE}	Combination	Min	-0.1636	-217	-0.3608	-49	-0.1986	-22
Base	B349	362	15391.22	GEO_{ENVE}	Combination	Min	-0.1332	-198	-1	-42	-0.2415	-21
Base	B349	362	15843.9	GEO_{ENVE}	Combination	Min	-0.138	-187	-1	-42	0	44
Base	B349	362	16296.58	GEO_{ENVE}	Combination	Min	-0.1429	-176	-1	-42	-0.1788	-163
Base	B16	839	0	GEO_{ENVE}	Combination	Max	0	-16	0	0.08857	0	9

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B16	839	492.31	GEO_{ENVE}	Combination	Max	0	-13	0	0.08857	0	16
Base	B16	839	984.62	GEO_{ENVE}	Combination	Max	0	-10	0	0.08857	0	22
Base	B16	839	1476.92	GEO_{ENVE}	Combination	Max	0	-7	0	0.08857	0	26
Base	B16	839	1969.23	GEO_{ENVE}	Combination	Max	0	-4	0	0.08857	0	28
Base	B16	839	2461.54	GEO_{ENVE}	Combination	Max	0	-1	0	0.08857	0	29
Base	B16	839	2953.85	GEO_{ENVE}	Combination	Max	0	2	0	0.08857	0	29
Base	B16	839	3446.15	GEO_{ENVE}	Combination	Max	0	5	0	0.08857	0	27
Base	B16	839	3938.46	GEO_{ENVE}	Combination	Max	0	9	0	0.08857	0	24
Base	B16	839	4430.77	GEO_{ENVE}	Combination	Max	0	12	0	0.08857	0	21
Base	B16	839	4923.08	GEO_{ENVE}	Combination	Max	0	15	0	0.08857	0	19
Base	B16	839	5415.38	GEO_{ENVE}	Combination	Max	0	18	0	0.08857	0	15
Base	B16	839	5907.69	GEO_{ENVE}	Combination	Max	0	21	0	0.08857	0	11
Base	B16	839	6400	GEO_{ENVE}	Combination	Max	0	24	0	0.08857	0	4
Base	B16	839	0	GEO_{ENVE}	Combination	Min	0	-25	0	-0.08091	0	-31
Base	B16	839	492.31	GEO_{ENVE}	Combination	Min	0	-22	0	-0.08091	0	-19
Base	B16	839	984.62	GEO_{ENVE}	Combination	Min	0	-19	0	-0.08091	0	-9
Base	B16	839	1476.92	GEO_{ENVE}	Combination	Min	0	-16	0	-0.08091	0	-0.165
Base	B16	839	1969.23	GEO_{ENVE}	Combination	Min	0	-13	0	-0.08091	0	7
Base	B16	839	2461.54	GEO_{ENVE}	Combination	Min	0	-10	0	-0.08091	0	13
Base	B16	839	2953.85	GEO_{ENVE}	Combination	Min	0	-7	0	-0.08091	0	17
Base	B16	839	3446.15	GEO_{ENVE}	Combination	Min	0	-4	0	-0.08091	0	20
Base	B16	839	3938.46	GEO_{ENVE}	Combination	Min	0	-1	0	-0.08091	0	21
Base	B16	839	4430.77	GEO_{ENVE}	Combination	Min	0	2	0	-0.08091	0	19
Base	B16	839	4923.08	GEO_{ENVE}	Combination	Min	0	5	0	-0.08091	0	12
Base	B16	839	5415.38	GEO_{ENVE}	Combination	Min	0	8	0	-0.08091	0	4
Base	B16	839	5907.69	GEO_{ENVE}	Combination	Min	0	11	0	-0.08091	0	-5
Base	B16	839	6400	GEO_{ENVE}	Combination	Min	0	15	0	-0.08091	0	-16
Base	B346	93	0	GEO_{ENVE}	Combination	Max	1	-22	1	129	1	62
Base	B346	93	366.67	GEO_{ENVE}	Combination	Max	1	-18	1	129	1	69
Base	B346	93	733.33	GEO_{ENVE}	Combination	Max	1	-14	1	129	0.3413	75
Base	B346	93	1100	GEO_{ENVE}	Combination	Max	1	-10	1	129	0.1065	82
Base	B346	93	1100	GEO_{ENVE}	Combination	Max	-0.1988	17	1	147	0.1698	82
Base	B346	93	1466.66	GEO_{ENVE}	Combination	Max	-0.2003	21	1	147	0.1055	78
Base	B346	93	1833.33	GEO_{ENVE}	Combination	Max	-0.2018	25	1	147	0.1582	73
Base	B346	93	2199.99	GEO_{ENVE}	Combination	Max	-0.2034	29	1	147	0.2596	83
Base	B346	93	2199.99	GEO_{ENVE}	Combination	Max	2	68	2	169	0.2456	84
Base	B346	93	2566.66	GEO_{ENVE}	Combination	Max	2	72	2	169	0.4352	96
Base	B346	93	2933.32	GEO_{ENVE}	Combination	Max	2	76	2	169	1	106
Base	B346	93	3299.99	GEO_{ENVE}	Combination	Max	2	80	2	169	1	115
Base	B346	93	3299.99	GEO_{ENVE}	Combination	Max	6	108	2	182	1	115
Base	B346	93	3666.65	GEO_{ENVE}	Combination	Max	6	112	2	182	0.06556	114
Base	B346	93	4033.32	GEO_{ENVE}	Combination	Max	6	115	2	182	2	112
Base	B346	93	4399.98	GEO_{ENVE}	Combination	Max	6	119	2	182	3	108
Base	B346	93	4399.98	GEO_{ENVE}	Combination	Max	0	91	0	179	0	24
Base	B346	93	4699.98	GEO_{ENVE}	Combination	Max	0	94	0	179	0	-3
Base	B346	93	4999.98	GEO_{ENVE}	Combination	Max	0	98	0	179	0	-21

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B346	93	4999.98	GEO$_{ENVE}$	Combination	Max	21	-67	4	-11	4	-69
Base	B346	93	5287.48	GEO$_{ENVE}$	Combination	Max	21	-64	4	-11	3	-50
Base	B346	93	5574.98	GEO$_{ENVE}$	Combination	Max	21	-61	4	-11	2	-28
Base	B346	93	5574.98	GEO$_{ENVE}$	Combination	Max	14	-38	3	-11	1	-11
Base	B346	93	5862.48	GEO$_{ENVE}$	Combination	Max	14	-35	3	-11	1	21
Base	B346	93	6149.98	GEO$_{ENVE}$	Combination	Max	14	-32	3	-11	1	51
Base	B346	93	6149.98	GEO$_{ENVE}$	Combination	Max	137	21	0.1981	-6	-0.1111	40
Base	B346	93	6437.48	GEO$_{ENVE}$	Combination	Max	137	24	0.1993	-6	-0.1682	38
Base	B346	93	6724.98	GEO$_{ENVE}$	Combination	Max	137	27	0.2005	-6	-0.2256	37
Base	B346	93	6724.98	GEO$_{ENVE}$	Combination	Max	279	78	0	-6	2	36
Base	B346	93	7012.48	GEO$_{ENVE}$	Combination	Max	279	81	0	-6	3	53
Base	B346	93	7299.98	GEO$_{ENVE}$	Combination	Max	279	84	0	-6	5	72
Base	B346	93	7299.98	GEO$_{ENVE}$	Combination	Max	0	55	0	5	0	79
Base	B346	93	7562.48	GEO$_{ENVE}$	Combination	Max	0	57	0	5	0	95
Base	B346	93	7824.98	GEO$_{ENVE}$	Combination	Max	0	60	0	5	0	110
Base	B346	93	7824.98	GEO$_{ENVE}$	Combination	Max	1	89	3	17	1	118
Base	B346	93	8262.48	GEO$_{ENVE}$	Combination	Max	1	94	3	17	0	78
Base	B346	93	8699.98	GEO$_{ENVE}$	Combination	Max	1	98	3	17	0.3074	45
Base	B346	93	8699.98	GEO$_{ENVE}$	Combination	Max	3	121	1	30	0.3551	44
Base	B346	93	9137.48	GEO$_{ENVE}$	Combination	Max	3	126	1	30	0.07895	79
Base	B346	93	9574.98	GEO$_{ENVE}$	Combination	Max	3	130	1	30	1	126
Base	B346	93	9574.98	GEO$_{ENVE}$	Combination	Max	23	136	1	35	0.1174	119
Base	B346	93	9987.48	GEO$_{ENVE}$	Combination	Max	23	140	1	35	0	62
Base	B346	93	9987.48	GEO$_{ENVE}$	Combination	Max	17	352	-0.05269	35	0	16
Base	B346	93	10399.98	GEO$_{ENVE}$	Combination	Max	17	356	-0.05096	35	0.1104	-45
Base	B346	93	10399.98	GEO$_{ENVE}$	Combination	Max	18	70	0.416	-17	0.07615	-40
Base	B346	93	10787.48	GEO$_{ENVE}$	Combination	Max	18	74	0.4177	-17	0	89
Base	B346	93	10787.48	GEO$_{ENVE}$	Combination	Max	25	60	0	-17	0	162
Base	B346	93	11174.98	GEO$_{ENVE}$	Combination	Max	25	64	0	-17	0.08181	244
Base	B346	93	11174.98	GEO$_{ENVE}$	Combination	Max	1	71	3	-17	2	264
Base	B346	93	11560.4	GEO$_{ENVE}$	Combination	Max	1	75	3	-17	1	235
Base	B346	93	11945.81	GEO$_{ENVE}$	Combination	Max	1	79	3	-17	0.1953	206
Base	B346	93	12331.23	GEO$_{ENVE}$	Combination	Max	1	83	3	-17	0.4131	174
Base	B346	93	12331.23	GEO$_{ENVE}$	Combination	Max	1	114	0.0982	-2	0.4732	175
Base	B346	93	12716.65	GEO$_{ENVE}$	Combination	Max	1	118	0.09982	-2	0.4351	130
Base	B346	93	13102.06	GEO$_{ENVE}$	Combination	Max	1	122	0.1014	-2	0.3963	84
Base	B346	93	13487.48	GEO$_{ENVE}$	Combination	Max	1	126	0.1031	-2	0.3569	58
Base	B346	93	13487.48	GEO$_{ENVE}$	Combination	Max	1	162	2	17	0.2013	59
Base	B346	93	13872.9	GEO$_{ENVE}$	Combination	Max	1	166	2	17	-0.2998	67
Base	B346	93	14258.31	GEO$_{ENVE}$	Combination	Max	1	170	2	17	-1	81
Base	B346	93	14643.73	GEO$_{ENVE}$	Combination	Max	1	174	2	17	-1	97
Base	B346	93	14643.73	GEO$_{ENVE}$	Combination	Max	9	192	-2	28	-1	97
Base	B346	93	15029.15	GEO$_{ENVE}$	Combination	Max	9	196	-2	28	0.08634	104
Base	B346	93	15414.56	GEO$_{ENVE}$	Combination	Max	9	200	-2	28	1	109
Base	B346	93	15799.98	GEO$_{ENVE}$	Combination	Max	9	204	-2	28	3	112
Base	B346	93	15799.98	GEO$_{ENVE}$	Combination	Max	288	26	3	-8	6	35

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B346	93	16087.48	GEO ENVE	Combination	Max	288	29	3	-8	5	59
Base	B346	93	16374.98	GEO ENVE	Combination	Max	288	32	3	-8	4	109
Base	B346	93	16374.98	GEO ENVE	Combination	Max	167	24	2	-8	2	106
Base	B346	93	16662.48	GEO ENVE	Combination	Max	167	27	2	-8	2	113
Base	B346	93	16949.98	GEO ENVE	Combination	Max	167	30	2	-8	2	121
Base	B346	93	16949.98	GEO ENVE	Combination	Max	21	46	1	0.4868	-1	97
Base	B346	93	17237.48	GEO ENVE	Combination	Max	21	49	1	0.4868	-1	83
Base	B346	93	17524.98	GEO ENVE	Combination	Max	21	52	1	0.4868	-0.1945	69
Base	B346	93	17524.98	GEO ENVE	Combination	Max	126	30	0.4916	0.4261	2	56
Base	B346	93	17812.48	GEO ENVE	Combination	Max	126	33	0.4928	0.4261	3	47
Base	B346	93	18099.98	GEO ENVE	Combination	Max	126	36	0.494	0.4261	3	39
Base	B346	93	18099.98	GEO ENVE	Combination	Max	234	76	5	21	5	35
Base	B346	93	18387.48	GEO ENVE	Combination	Max	234	80	5	21	3	51
Base	B346	93	18674.98	GEO ENVE	Combination	Max	234	83	5	21	2	69
Base	B346	93	18674.98	GEO ENVE	Combination	Max	333	42	5	21	4	82
Base	B346	93	18962.48	GEO ENVE	Combination	Max	333	45	5	21	6	106
Base	B346	93	19249.98	GEO ENVE	Combination	Max	333	48	5	21	9	128
Base	B346	93	19249.98	GEO ENVE	Combination	Max	9	188	16	36	5	140
Base	B346	93	19574.98	GEO ENVE	Combination	Max	9	191	16	36	0.286	115
Base	B346	93	19899.98	GEO ENVE	Combination	Max	9	194	16	36	4	119
Base	B346	93	19899.98	GEO ENVE	Combination	Max	11	205	11	43	3	118
Base	B346	93	20224.98	GEO ENVE	Combination	Max	11	208	11	43	0.322	140
Base	B346	93	20549.98	GEO ENVE	Combination	Max	11	212	11	43	5	161
Base	B346	93	20549.98	GEO ENVE	Combination	Max	16	105	0.405	49	0.0688	156
Base	B346	93	20874.98	GEO ENVE	Combination	Max	16	108	0.4064	49	0	128
Base	B346	93	20874.98	GEO ENVE	Combination	Max	20	331	0.09687	49	0	77
Base	B346	93	21199.98	GEO ENVE	Combination	Max	20	334	0.09824	49	0.06459	-13
Base	B346	93	0	GEO ENVE	Combination	Min	-6	-123	-1	32	-1	-135
Base	B346	93	366.67	GEO ENVE	Combination	Min	-6	-119	-1	32	-0.4057	-91
Base	B346	93	733.33	GEO ENVE	Combination	Min	-6	-115	-1	32	-0.1676	-47
Base	B346	93	1100	GEO ENVE	Combination	Min	-6	-112	-1	32	-0.1116	-6
Base	B346	93	1100	GEO ENVE	Combination	Min	-2	-85	-0.2803	49	-0.05498	-6
Base	B346	93	1466.66	GEO ENVE	Combination	Min	-2	-81	-0.2787	49	0	25
Base	B346	93	1833.33	GEO ENVE	Combination	Min	-2	-77	-0.2772	49	-0.2651	47
Base	B346	93	2199.99	GEO ENVE	Combination	Min	-2	-73	-0.2757	49	-0.4834	53
Base	B346	93	2199.99	GEO ENVE	Combination	Min	-1	-35	-1	72	-0.3106	53
Base	B346	93	2566.66	GEO ENVE	Combination	Min	-1	-32	-1	72	-1	28
Base	B346	93	2933.32	GEO ENVE	Combination	Min	-1	-28	-1	72	-1	1
Base	B346	93	3299.99	GEO ENVE	Combination	Min	-1	-24	-1	72	-2	-28
Base	B346	93	3299.99	GEO ENVE	Combination	Min	0.05742	0	-5	89	-2	-28
Base	B346	93	3666.65	GEO ENVE	Combination	Min	0.05588	4	-5	89	-0.1469	-68
Base	B346	93	4033.32	GEO ENVE	Combination	Min	0.05434	8	-5	89	-1	-110
Base	B346	93	4399.98	GEO ENVE	Combination	Min	0.0528	12	-5	89	-2	-153
Base	B346	93	4399.98	GEO ENVE	Combination	Min	0	-14	0	92	0	-37
Base	B346	93	4699.98	GEO ENVE	Combination	Min	0	-11	0	92	0	-36
Base	B346	93	4999.98	GEO ENVE	Combination	Min	0	-8	0	92	0	-39

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B346	93	4999.98	GEO_{ENVE}	Combination	Min	-298	-339	-1	-22	-1	-223
Base	B346	93	5287.48	GEO_{ENVE}	Combination	Min	-298	-336	-1	-22	-0.486	-126
Base	B346	93	5574.98	GEO_{ENVE}	Combination	Min	-298	-333	-1	-22	-0.3159	-46
Base	B346	93	5574.98	GEO_{ENVE}	Combination	Min	-118	-111	-1	-23	-2	-30
Base	B346	93	5862.48	GEO_{ENVE}	Combination	Min	-118	-108	-1	-23	-3	-14
Base	B346	93	6149.98	GEO_{ENVE}	Combination	Min	-118	-105	-1	-23	-4	-5
Base	B346	93	6149.98	GEO_{ENVE}	Combination	Min	-10	-34	-4	-21	-5	-3
Base	B346	93	6437.48	GEO_{ENVE}	Combination	Min	-10	-31	-4	-21	-4	2
Base	B346	93	6724.98	GEO_{ENVE}	Combination	Min	-10	-28	-4	-21	-2	3
Base	B346	93	6724.98	GEO_{ENVE}	Combination	Min	-23	-70	-4	-21	-0.3173	0.3556
Base	B346	93	7012.48	GEO_{ENVE}	Combination	Min	-23	-67	-4	-21	-0.3092	-18
Base	B346	93	7299.98	GEO_{ENVE}	Combination	Min	-23	-64	-4	-21	-0.3014	-39
Base	B346	93	7299.98	GEO_{ENVE}	Combination	Min	0	-62	0	-15	0	-56
Base	B346	93	7562.48	GEO_{ENVE}	Combination	Min	0	-59	0	-15	0	-70
Base	B346	93	7824.98	GEO_{ENVE}	Combination	Min	0	-56	0	-15	0	-86
Base	B346	93	7824.98	GEO_{ENVE}	Combination	Min	-3	-147	-1	-4	-0.3184	-95
Base	B346	93	8262.48	GEO_{ENVE}	Combination	Min	-3	-142	-1	-4	-0.07868	-31
Base	B346	93	8699.98	GEO_{ENVE}	Combination	Min	-3	-138	-1	-4	-2	15
Base	B346	93	8699.98	GEO_{ENVE}	Combination	Min	-1	-114	-3	8	-1	15
Base	B346	93	9137.48	GEO_{ENVE}	Combination	Min	-1	-110	-3	8	0	-21
Base	B346	93	9574.98	GEO_{ENVE}	Combination	Min	-1	-105	-3	8	-0.3264	-75
Base	B346	93	9574.98	GEO_{ENVE}	Combination	Min	-17	2	0	5	0	-68
Base	B346	93	9987.48	GEO_{ENVE}	Combination	Min	-17	6	0.05059	5	-0.1053	-71
Base	B346	93	9987.48	GEO_{ENVE}	Combination	Min	-23	3	-1	5	-0.1227	-71
Base	B346	93	10399.98	GEO_{ENVE}	Combination	Min	-23	8	-1	5	0	-183
Base	B346	93	10399.98	GEO_{ENVE}	Combination	Min	-25	-463	0	-31	0	-203
Base	B346	93	10787.48	GEO_{ENVE}	Combination	Min	-25	-459	0	-31	-0.08538	-173
Base	B346	93	10787.48	GEO_{ENVE}	Combination	Min	-18	-217	-0.3998	-31	-0.0728	-191
Base	B346	93	11174.98	GEO_{ENVE}	Combination	Min	-18	-213	-0.3982	-31	0	-215
Base	B346	93	11174.98	GEO_{ENVE}	Combination	Min	-5	-148	-1	-29	-0.2421	-233
Base	B346	93	11560.4	GEO_{ENVE}	Combination	Min	-5	-144	-1	-29	0	-176
Base	B346	93	11945.81	GEO_{ENVE}	Combination	Min	-5	-140	-1	-29	0	-121
Base	B346	93	12331.23	GEO_{ENVE}	Combination	Min	-5	-136	-1	-29	-1	-68
Base	B346	93	12331.23	GEO_{ENVE}	Combination	Min	-4	-101	-1	-11	-1	-66
Base	B346	93	12716.65	GEO_{ENVE}	Combination	Min	-4	-97	-1	-11	-0.4736	-28
Base	B346	93	13102.06	GEO_{ENVE}	Combination	Min	-4	-93	-1	-11	-0.169	8
Base	B346	93	13487.48	GEO_{ENVE}	Combination	Min	-4	-89	-1	-11	0.09153	22
Base	B346	93	13487.48	GEO_{ENVE}	Combination	Min	-1	-52	1	9	0.14	23
Base	B346	93	13872.9	GEO_{ENVE}	Combination	Min	-1	-48	1	9	-1	-34
Base	B346	93	14258.31	GEO_{ENVE}	Combination	Min	-1	-44	1	9	-1	-97
Base	B346	93	14643.73	GEO_{ENVE}	Combination	Min	-1	-40	1	9	-2	-161
Base	B346	93	14643.73	GEO_{ENVE}	Combination	Min	-2	-19	-4	20	-2	-162
Base	B346	93	15029.15	GEO_{ENVE}	Combination	Min	-2	-15	-4	20	-0.3856	-235
Base	B346	93	15414.56	GEO_{ENVE}	Combination	Min	-2	-11	-3	20	1	-311
Base	B346	93	15799.98	GEO_{ENVE}	Combination	Min	-2	-7	-3	20	1	-388
Base	B346	93	15799.98	GEO_{ENVE}	Combination	Min	-438	-466	1	-28	1	-315

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B346	93	16087.48	GEO_{ENVE}	Combination	Min	-438	-463	1	-28	1	-202
Base	B346	93	16374.98	GEO_{ENVE}	Combination	Min	-438	-460	1	-28	0	-118
Base	B346	93	16374.98	GEO_{ENVE}	Combination	Min	-237	-139	-0.2073	-28	-2	-86
Base	B346	93	16662.48	GEO_{ENVE}	Combination	Min	-237	-136	-0.2061	-28	-3	-49
Base	B346	93	16949.98	GEO_{ENVE}	Combination	Min	-237	-133	-0.2049	-28	-4	-28
Base	B346	93	16949.98	GEO_{ENVE}	Combination	Min	-14	-24	-2	-31	-3	-20
Base	B346	93	17237.48	GEO_{ENVE}	Combination	Min	-14	-21	-2	-31	-4	-16
Base	B346	93	17524.98	GEO_{ENVE}	Combination	Min	-14	-18	-2	-31	-4	-14
Base	B346	93	17524.98	GEO_{ENVE}	Combination	Min	-60	-36	-2	-31	-4	-6
Base	B346	93	17812.48	GEO_{ENVE}	Combination	Min	-60	-33	-2	-31	-5	2
Base	B346	93	18099.98	GEO_{ENVE}	Combination	Min	-60	-30	-2	-31	-5	7
Base	B346	93	18099.98	GEO_{ENVE}	Combination	Min	-162	-70	-7	-25	-6	2
Base	B346	93	18387.48	GEO_{ENVE}	Combination	Min	-163	-67	-7	-25	-4	-16
Base	B346	93	18674.98	GEO_{ENVE}	Combination	Min	-163	-64	-7	-25	-2	-39
Base	B346	93	18674.98	GEO_{ENVE}	Combination	Min	-254	-83	-9	-26	-1	-53
Base	B346	93	18962.48	GEO_{ENVE}	Combination	Min	-254	-80	-9	-26	-3	-65
Base	B346	93	19249.98	GEO_{ENVE}	Combination	Min	-254	-76	-9	-26	-4	-78
Base	B346	93	19249.98	GEO_{ENVE}	Combination	Min	-11	-123	-13	-18	-4	-88
Base	B346	93	19574.98	GEO_{ENVE}	Combination	Min	-11	-120	-13	-18	-0.3218	-62
Base	B346	93	19899.98	GEO_{ENVE}	Combination	Min	-11	-117	-13	-18	-6	-52
Base	B346	93	19899.98	GEO_{ENVE}	Combination	Min	-9	-104	-14	-11	-4	-54
Base	B346	93	20224.98	GEO_{ENVE}	Combination	Min	-9	-101	-14	-11	-0.2858	-109
Base	B346	93	20549.98	GEO_{ENVE}	Combination	Min	-9	-97	-14	-11	-4	-166
Base	B346	93	20549.98	GEO_{ENVE}	Combination	Min	-20	13	-0.0959	-19	0	-163
Base	B346	93	20874.98	GEO_{ENVE}	Combination	Min	-20	16	-0.09453	-19	-0.06305	-183
Base	B346	93	20874.98	GEO_{ENVE}	Combination	Min	-16	-29	-0.4163	-20	-0.07048	-195
Base	B346	93	21199.98	GEO_{ENVE}	Combination	Min	-16	-26	-0.4149	-20	0	-211
Base	B358	17	0	GEO_{ENVE}	Combination	Max	3	-343	0.1036	-169	0.1589	-602
Base	B358	17	366.49	GEO_{ENVE}	Combination	Max	3	-335	0.1073	-169	0.1202	-478
Base	B358	17	732.99	GEO_{ENVE}	Combination	Max	3	-327	0.111	-169	0.08026	-357
Base	B358	17	1099.48	GEO_{ENVE}	Combination	Max	3	-319	0.1147	-169	0	-238
Base	B358	17	1099.48	GEO_{ENVE}	Combination	Max	2	-313	0	-169	0	-237
Base	B358	17	1465.98	GEO_{ENVE}	Combination	Max	2	-305	0	-169	0	-124
Base	B358	17	1832.47	GEO_{ENVE}	Combination	Max	2	-297	0	-169	0	-14
Base	B358	17	2198.97	GEO_{ENVE}	Combination	Max	2	-289	0	-169	0	95
Base	B358	17	2198.97	GEO_{ENVE}	Combination	Max	1	-273	0	-165	0	96
Base	B358	17	2565.46	GEO_{ENVE}	Combination	Max	1	-265	0	-165	0	196
Base	B358	17	2931.96	GEO_{ENVE}	Combination	Max	1	-257	0	-165	0.06724	294
Base	B358	17	3298.45	GEO_{ENVE}	Combination	Max	1	-249	0	-165	0.1129	388
Base	B358	17	3298.45	GEO_{ENVE}	Combination	Max	1	-230	0	-158	0.07276	389
Base	B358	17	3664.95	GEO_{ENVE}	Combination	Max	1	-222	0	-158	0.109	474
Base	B358	17	4031.44	GEO_{ENVE}	Combination	Max	1	-214	0	-158	0.1474	556
Base	B358	17	4397.93	GEO_{ENVE}	Combination	Max	1	-206	0	-158	0.1845	634
Base	B358	17	4397.93	GEO_{ENVE}	Combination	Max	0	-174	0	-144	0.1544	635
Base	B358	17	4764.43	GEO_{ENVE}	Combination	Max	0	-166	0	-144	0.1739	699
Base	B358	17	5130.92	GEO_{ENVE}	Combination	Max	0	-158	0	-144	0.1921	760

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B358	17	5497.42	GEO$_{ENVE}$	Combination	Max	0	-150	0	-144	0.209	818
Base	B358	17	5497.42	GEO$_{ENVE}$	Combination	Max	-0.2239	-113	0	-124	0.1988	821
Base	B358	17	5866.61	GEO$_{ENVE}$	Combination	Max	-0.2214	-105	0	-124	0.1936	863
Base	B358	17	6235.79	GEO$_{ENVE}$	Combination	Max	-0.2188	-97	0	-124	0.1885	902
Base	B358	17	6604.98	GEO$_{ENVE}$	Combination	Max	-0.2163	-89	0	-124	0.1826	937
Base	B358	17	6604.98	GEO$_{ENVE}$	Combination	Max	-0.3248	-33	0.09731	-98	0.195	940
Base	B358	17	6974.17	GEO$_{ENVE}$	Combination	Max	-0.3222	-25	0.101	-98	0.1607	952
Base	B358	17	7343.36	GEO$_{ENVE}$	Combination	Max	-0.3197	-17	0.1048	-98	0.1314	962
Base	B358	17	7712.55	GEO$_{ENVE}$	Combination	Max	-0.3172	-9	0.1085	-98	0.1017	977
Base	B358	17	7712.55	GEO$_{ENVE}$	Combination	Max	0.08527	16	0.107	-77	0.1245	975
Base	B358	17	8081.74	GEO$_{ENVE}$	Combination	Max	0.0878	24	0.1107	-77	0.1081	978
Base	B358	17	8450.92	GEO$_{ENVE}$	Combination	Max	0.09034	32	0.1145	-77	0.1181	979
Base	B358	17	8820.11	GEO$_{ENVE}$	Combination	Max	0.09287	40	0.1182	-77	0.133	981
Base	B358	17	8820.11	GEO$_{ENVE}$	Combination	Max	1	110	0.1252	-47	0.11	980
Base	B358	17	9189.3	GEO$_{ENVE}$	Combination	Max	1	118	0.1289	-47	0.1388	955
Base	B358	17	9558.49	GEO$_{ENVE}$	Combination	Max	1	126	0.1327	-47	0.1662	926
Base	B358	17	9927.68	GEO$_{ENVE}$	Combination	Max	1	134	0.1364	-47	0.1923	895
Base	B358	17	9927.68	GEO$_{ENVE}$	Combination	Max	2	175	0.1214	-24	0.1753	890
Base	B358	17	10296.87	GEO$_{ENVE}$	Combination	Max	2	183	0.1252	-24	0.198	841
Base	B358	17	10666.05	GEO$_{ENVE}$	Combination	Max	2	191	0.1289	-24	0.2193	789
Base	B358	17	11035.24	GEO$_{ENVE}$	Combination	Max	2	199	0.1326	-24	0.2393	737
Base	B358	17	11035.24	GEO$_{ENVE}$	Combination	Max	2	251	0.09083	-2	0.2194	729
Base	B358	17	11404.43	GEO$_{ENVE}$	Combination	Max	2	259	0.09456	-2	0.1945	656
Base	B358	17	11773.62	GEO$_{ENVE}$	Combination	Max	2	266	0.09829	-2	0.1907	580
Base	B358	17	12142.81	GEO$_{ENVE}$	Combination	Max	2	274	0.102	-2	0.1856	501
Base	B358	17	12142.81	GEO$_{ENVE}$	Combination	Max	3	324	0.2972	17	0.1878	495
Base	B358	17	12512	GEO$_{ENVE}$	Combination	Max	3	332	0.3009	17	0.1345	394
Base	B358	17	12881.18	GEO$_{ENVE}$	Combination	Max	3	340	0.3046	17	0.0949	290
Base	B358	17	13250.37	GEO$_{ENVE}$	Combination	Max	3	348	0.3084	17	0.05393	183
Base	B358	17	13250.37	GEO$_{ENVE}$	Combination	Max	3	383	1	34	0.06227	181
Base	B358	17	13619.56	GEO$_{ENVE}$	Combination	Max	3	391	1	34	0.3526	56
Base	B358	17	13988.75	GEO$_{ENVE}$	Combination	Max	3	399	1	34	1	-71
Base	B358	17	14357.94	GEO$_{ENVE}$	Combination	Max	3	407	1	34	1	-201
Base	B358	17	0	GEO$_{ENVE}$	Combination	Min	-2	-385	-0.4455	-230	-1	-970
Base	B358	17	366.49	GEO$_{ENVE}$	Combination	Min	-2	-377	-0.4418	-230	-1	-830
Base	B358	17	732.99	GEO$_{ENVE}$	Combination	Min	-2	-369	-0.4381	-230	-0.3871	-693
Base	B358	17	1099.48	GEO$_{ENVE}$	Combination	Min	-2	-361	-0.4344	-230	-0.2272	-559
Base	B358	17	1099.48	GEO$_{ENVE}$	Combination	Min	-2	-357	-0.2494	-230	-0.2779	-558
Base	B358	17	1465.98	GEO$_{ENVE}$	Combination	Min	-2	-349	-0.2457	-230	-0.1871	-429
Base	B358	17	1832.47	GEO$_{ENVE}$	Combination	Min	-2	-341	-0.242	-230	-0.1152	-303
Base	B358	17	2198.97	GEO$_{ENVE}$	Combination	Min	-2	-333	-0.2383	-230	-0.06952	-179
Base	B358	17	2198.97	GEO$_{ENVE}$	Combination	Min	-2	-317	-0.1557	-226	-0.0953	-178
Base	B358	17	2565.46	GEO$_{ENVE}$	Combination	Min	-2	-309	-0.152	-226	0	-63
Base	B358	17	2931.96	GEO$_{ENVE}$	Combination	Min	-2	-301	-0.1483	-226	0	48
Base	B358	17	3298.45	GEO$_{ENVE}$	Combination	Min	-2	-293	-0.1446	-226	0	155
Base	B358	17	3298.45	GEO$_{ENVE}$	Combination	Min	-2	-276	-0.1113	-217	0	156

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B358	17	3664.95	GEO$_{ENVE}$	Combination	Min	-2	-268	-0.1076	-217	0	254
Base	B358	17	4031.44	GEO$_{ENVE}$	Combination	Min	-2	-260	-0.1039	-217	0	349
Base	B358	17	4397.93	GEO$_{ENVE}$	Combination	Min	-2	-252	-0.1002	-217	0	442
Base	B358	17	4397.93	GEO$_{ENVE}$	Combination	Min	-2	-222	-0.06574	-200	0	442
Base	B358	17	4764.43	GEO$_{ENVE}$	Combination	Min	-2	-214	-0.06203	-200	0	521
Base	B358	17	5130.92	GEO$_{ENVE}$	Combination	Min	-2	-206	-0.05833	-200	0	596
Base	B358	17	5497.42	GEO$_{ENVE}$	Combination	Min	-2	-198	-0.05463	-200	0	668
Base	B358	17	5497.42	GEO$_{ENVE}$	Combination	Min	-2	-162	0	-177	0	671
Base	B358	17	5866.61	GEO$_{ENVE}$	Combination	Min	-2	-154	0	-177	0	728
Base	B358	17	6235.79	GEO$_{ENVE}$	Combination	Min	-2	-146	0	-177	0	782
Base	B358	17	6604.98	GEO$_{ENVE}$	Combination	Min	-2	-138	0	-177	0	833
Base	B358	17	6604.98	GEO$_{ENVE}$	Combination	Min	-1	-86	0	-148	0	836
Base	B358	17	6974.17	GEO$_{ENVE}$	Combination	Min	-1	-78	0	-148	0	861
Base	B358	17	7343.36	GEO$_{ENVE}$	Combination	Min	-1	-70	0	-148	0	878
Base	B358	17	7712.55	GEO$_{ENVE}$	Combination	Min	-1	-62	0	-148	0	892
Base	B358	17	7712.55	GEO$_{ENVE}$	Combination	Min	-1	-38	0	-124	0	890
Base	B358	17	8081.74	GEO$_{ENVE}$	Combination	Min	-1	-30	0	-124	0	891
Base	B358	17	8450.92	GEO$_{ENVE}$	Combination	Min	-1	-22	0	-124	-0.05533	885
Base	B358	17	8820.11	GEO$_{ENVE}$	Combination	Min	-1	-14	0	-124	-0.08936	876
Base	B358	17	8820.11	GEO$_{ENVE}$	Combination	Min	-1	54	-0.07988	-91	0	875
Base	B358	17	9189.3	GEO$_{ENVE}$	Combination	Min	-1	62	-0.07615	-91	-0.07463	837
Base	B358	17	9558.49	GEO$_{ENVE}$	Combination	Min	-1	70	-0.07242	-91	-0.1195	796
Base	B358	17	9927.68	GEO$_{ENVE}$	Combination	Min	-1	78	-0.06869	-91	-0.1691	752
Base	B358	17	9927.68	GEO$_{ENVE}$	Combination	Min	-1	118	-0.06332	-66	-0.1172	746
Base	B358	17	10296.87	GEO$_{ENVE}$	Combination	Min	-1	126	-0.05959	-66	-0.1614	683
Base	B358	17	10666.05	GEO$_{ENVE}$	Combination	Min	-1	134	-0.05586	-66	-0.2083	618
Base	B358	17	11035.24	GEO$_{ENVE}$	Combination	Min	-1	142	-0.05213	-66	-0.2566	549
Base	B358	17	11035.24	GEO$_{ENVE}$	Combination	Min	-1	194	-0.06292	-42	-0.2108	541
Base	B358	17	11404.43	GEO$_{ENVE}$	Combination	Min	-1	202	-0.05919	-42	-0.2346	450
Base	B358	17	11773.62	GEO$_{ENVE}$	Combination	Min	-1	210	-0.05546	-42	-0.2629	356
Base	B358	17	12142.81	GEO$_{ENVE}$	Combination	Min	-1	218	-0.05173	-42	-0.2926	259
Base	B358	17	12142.81	GEO$_{ENVE}$	Combination	Min	-1	270	-0.2022	-21	-0.2798	253
Base	B358	17	12512	GEO$_{ENVE}$	Combination	Min	-1	278	-0.1985	-21	-0.2114	134
Base	B358	17	12881.18	GEO$_{ENVE}$	Combination	Min	-1	286	-0.1948	-21	-0.1509	10
Base	B358	17	13250.37	GEO$_{ENVE}$	Combination	Min	-1	294	-0.191	-21	-0.2178	-117
Base	B358	17	13250.37	GEO$_{ENVE}$	Combination	Min	-2	332	-1	-5	-0.2324	-120
Base	B358	17	13619.56	GEO$_{ENVE}$	Combination	Min	-2	340	-1	-5	-0.497	-263
Base	B358	17	13988.75	GEO$_{ENVE}$	Combination	Min	-2	348	-1	-5	-1	-408
Base	B358	17	14357.94	GEO$_{ENVE}$	Combination	Min	-2	356	-1	-5	-1	-557
Base	B366	26	0	GEO$_{ENVE}$	Combination	Max	13	158	-12	-429	-3	359
Base	B366	26	262.5	GEO$_{ENVE}$	Combination	Max	13	169	-12	-429	0	494
Base	B366	26	525	GEO$_{ENVE}$	Combination	Max	13	180	-12	-429	5	626
Base	B366	26	525	GEO$_{ENVE}$	Combination	Max	24	477	20	-393	5	654
Base	B366	26	787.5	GEO$_{ENVE}$	Combination	Max	24	489	20	-393	0.0689	811
Base	B366	26	1050	GEO$_{ENVE}$	Combination	Max	24	500	20	-393	-3	965
Base	B366	26	1050	GEO$_{ENVE}$	Combination	Max	0	546	0	-344	0	978

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B366	26	1500	GEO$_{ENVE}$	Combination	Max	0	565	0	-344	0	1212
Base	B366	26	1950	GEO$_{ENVE}$	Combination	Max	0	585	0	-344	0	1436
Base	B366	26	1950	GEO$_{ENVE}$	Combination	Max	9	693	-4	-312	-1	1445
Base	B366	26	2320.5	GEO$_{ENVE}$	Combination	Max	9	709	-4	-312	1	1627
Base	B366	26	2320.5	GEO$_{ENVE}$	Combination	Max	11	892	6	-292	1	1664
Base	B366	26	2691	GEO$_{ENVE}$	Combination	Max	11	908	6	-292	-1	1848
Base	B366	26	2691	GEO$_{ENVE}$	Combination	Max	37	272	-2	-659	-0.2873	1965
Base	B366	26	3041	GEO$_{ENVE}$	Combination	Max	37	287	-2	-659	0.2986	2176
Base	B366	26	3041	GEO$_{ENVE}$	Combination	Max	24	104	2	-645	0.3713	2209
Base	B366	26	3391	GEO$_{ENVE}$	Combination	Max	24	119	2	-645	-0.2479	2245
Base	B366	26	3391	GEO$_{ENVE}$	Combination	Max	-1	487	0.263	-640	0	2252
Base	B366	26	3782.67	GEO$_{ENVE}$	Combination	Max	-1	504	0.2697	-640	-0.09737	2058
Base	B366	26	4174.33	GEO$_{ENVE}$	Combination	Max	-1	520	0.2764	-640	-0.2043	1858
Base	B366	26	4566	GEO$_{ENVE}$	Combination	Max	-1	537	0.283	-640	-0.2536	1651
Base	B366	26	4566	GEO$_{ENVE}$	Combination	Max	-0.4723	583	-0.1495	-674	-0.3372	1650
Base	B366	26	4957.67	GEO$_{ENVE}$	Combination	Max	-0.479	600	-0.1428	-674	1	1419
Base	B366	26	5349.33	GEO$_{ENVE}$	Combination	Max	-0.4856	616	-0.1362	-674	3	1189
Base	B366	26	5741	GEO$_{ENVE}$	Combination	Max	-0.4923	633	-0.1295	-674	4	962
Base	B366	26	5741	GEO$_{ENVE}$	Combination	Max	1	674	-1	-703	4	961
Base	B366	26	6132.67	GEO$_{ENVE}$	Combination	Max	1	691	-1	-703	5	712
Base	B366	26	6524.33	GEO$_{ENVE}$	Combination	Max	1	707	-1	-703	7	458
Base	B366	26	6916	GEO$_{ENVE}$	Combination	Max	1	724	-1	-703	8	213
Base	B366	26	6916	GEO$_{ENVE}$	Combination	Max	7	736	19	-715	7	211
Base	B366	26	7307.67	GEO$_{ENVE}$	Combination	Max	7	753	19	-715	0.1995	89
Base	B366	26	7699.33	GEO$_{ENVE}$	Combination	Max	7	769	19	-715	-1	-27
Base	B366	26	8091	GEO$_{ENVE}$	Combination	Max	7	786	19	-715	-2	-127
Base	B366	26	8091	GEO$_{ENVE}$	Combination	Max	13	204	-1	73	-1	-78
Base	B366	26	8482.67	GEO$_{ENVE}$	Combination	Max	13	221	-1	73	-0.2379	-97
Base	B366	26	8874.33	GEO$_{ENVE}$	Combination	Max	13	237	-1	73	0.3227	-123
Base	B366	26	9266	GEO$_{ENVE}$	Combination	Max	13	254	-1	73	7	-105
Base	B366	26	9266	GEO$_{ENVE}$	Combination	Max	2	275	3	62	8	-104
Base	B366	26	9657.67	GEO$_{ENVE}$	Combination	Max	2	292	3	62	7	-57
Base	B366	26	10049.33	GEO$_{ENVE}$	Combination	Max	2	309	3	62	6	33
Base	B366	26	10441	GEO$_{ENVE}$	Combination	Max	2	325	3	62	4	348
Base	B366	26	10441	GEO$_{ENVE}$	Combination	Max	0.1063	366	4	38	5	348
Base	B366	26	10832.67	GEO$_{ENVE}$	Combination	Max	0.09965	383	4	38	3	653
Base	B366	26	11224.33	GEO$_{ENVE}$	Combination	Max	0.09299	400	4	38	1	952
Base	B366	26	11616	GEO$_{ENVE}$	Combination	Max	0.08634	416	4	38	-0.3091	1264
Base	B366	26	11616	GEO$_{ENVE}$	Combination	Max	1	453	6	17	-0.1902	1264
Base	B366	26	12007.67	GEO$_{ENVE}$	Combination	Max	1	469	6	17	-0.06775	1561
Base	B366	26	12399.33	GEO$_{ENVE}$	Combination	Max	1	486	6	17	0.2423	1852
Base	B366	26	12791	GEO$_{ENVE}$	Combination	Max	1	503	6	17	1	2137
Base	B366	26	12791	GEO$_{ENVE}$	Combination	Max	57	496	-0.1052	15	0	2128
Base	B366	26	13141	GEO$_{ENVE}$	Combination	Max	57	511	-0.09924	15	0.1679	2057
Base	B366	26	13141	GEO$_{ENVE}$	Combination	Max	86	1366	1	19	0.1422	1992
Base	B366	26	13491	GEO$_{ENVE}$	Combination	Max	86	1381	1	19	0	1607

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B366	26	13491	GEO$_{ENVE}$	Combination	Max	0	-46	0	144	0	1525
Base	B366	26	13941	GEO$_{ENVE}$	Combination	Max	0	-27	0	144	0	1542
Base	B366	26	13941	GEO$_{ENVE}$	Combination	Max	54	243	-0.1414	143	0	1527
Base	B366	26	14391	GEO$_{ENVE}$	Combination	Max	54	262	-0.1338	143	0.09709	1414
Base	B366	26	14391	GEO$_{ENVE}$	Combination	Max	74	303	0.4439	143	0.1027	1392
Base	B366	26	14841	GEO$_{ENVE}$	Combination	Max	74	322	0.4516	143	0	1252
Base	B366	26	14841	GEO$_{ENVE}$	Combination	Max	0	174	0	138	0	1241
Base	B366	26	15191	GEO$_{ENVE}$	Combination	Max	0	189	0	138	0	1177
Base	B366	26	15191	GEO$_{ENVE}$	Combination	Max	1	130	0	128	0	1178
Base	B366	26	15656	GEO$_{ENVE}$	Combination	Max	1	150	0	128	0.05396	1155
Base	B366	26	16121	GEO$_{ENVE}$	Combination	Max	1	170	0	128	1	1133
Base	B366	26	16121	GEO$_{ENVE}$	Combination	Max	1	203	1	109	1	1134
Base	B366	26	16586	GEO$_{ENVE}$	Combination	Max	1	223	1	109	0	1143
Base	B366	26	17051	GEO$_{ENVE}$	Combination	Max	1	242	1	109	0	1143
Base	B366	26	17051	GEO$_{ENVE}$	Combination	Max	53	316	-0.1051	94	0	1134
Base	B366	26	17441	GEO$_{ENVE}$	Combination	Max	53	333	-0.09847	94	0.09832	1016
Base	B366	26	17441	GEO$_{ENVE}$	Combination	Max	55	545	0.4207	95	0.07123	981
Base	B366	26	17831	GEO$_{ENVE}$	Combination	Max	55	562	0.4274	95	0	765
Base	B366	26	17831	GEO$_{ENVE}$	Combination	Max	101	752	-0.08163	88	0	734
Base	B366	26	18096	GEO$_{ENVE}$	Combination	Max	101	763	-0.07712	88	0	533
Base	B366	26	18361	GEO$_{ENVE}$	Combination	Max	101	774	-0.07262	88	0.431	330
Base	B366	26	18361	GEO$_{ENVE}$	Combination	Max	97	996	2	89	1	291
Base	B366	26	18626	GEO$_{ENVE}$	Combination	Max	97	1008	2	89	0.05036	149
Base	B366	26	18891	GEO$_{ENVE}$	Combination	Max	97	1019	2	89	0	140
Base	B366	26	18891	GEO$_{ENVE}$	Combination	Max	341	117	-3	234	-2	200
Base	B366	26	19172.25	GEO$_{ENVE}$	Combination	Max	341	129	-3	234	-1	165
Base	B366	26	19453.5	GEO$_{ENVE}$	Combination	Max	341	141	-3	234	-0.4615	127
Base	B366	26	19453.5	GEO$_{ENVE}$	Combination	Max	124	124	-2	237	3	127
Base	B366	26	19734.75	GEO$_{ENVE}$	Combination	Max	124	135	-2	237	4	150
Base	B366	26	20016	GEO$_{ENVE}$	Combination	Max	124	147	-2	237	6	329
Base	B366	26	20016	GEO$_{ENVE}$	Combination	Max	130	139	6	236	6	332
Base	B366	26	20297.25	GEO$_{ENVE}$	Combination	Max	130	151	6	236	4	497
Base	B366	26	20578.5	GEO$_{ENVE}$	Combination	Max	130	163	6	236	2	660
Base	B366	26	20578.5	GEO$_{ENVE}$	Combination	Max	351	134	7	238	-1	678
Base	B366	26	20859.75	GEO$_{ENVE}$	Combination	Max	351	146	7	238	-1	814
Base	B366	26	21141	GEO$_{ENVE}$	Combination	Max	351	158	7	238	-2	947
Base	B366	26	21141	GEO$_{ENVE}$	Combination	Max	87	167	-0.124	226	0	956
Base	B366	26	21591	GEO$_{ENVE}$	Combination	Max	87	186	-0.1163	226	0	1120
Base	B366	26	21591	GEO$_{ENVE}$	Combination	Max	82	180	0.213	228	0	1137
Base	B366	26	22041	GEO$_{ENVE}$	Combination	Max	82	199	0.2206	228	0	1278
Base	B366	26	22041	GEO$_{ENVE}$	Combination	Max	395	263	6	216	6	1286
Base	B366	26	22322.25	GEO$_{ENVE}$	Combination	Max	395	275	6	216	4	1345
Base	B366	26	22603.5	GEO$_{ENVE}$	Combination	Max	395	287	6	216	2	1400
Base	B366	26	22603.5	GEO$_{ENVE}$	Combination	Max	155	305	7	219	4	1406
Base	B366	26	22884.75	GEO$_{ENVE}$	Combination	Max	155	317	7	219	7	1418
Base	B366	26	23166	GEO$_{ENVE}$	Combination	Max	155	329	7	219	10	1443

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B366	26	23166	GEO ENVE	Combination	Max	114	410	10	219	11	1458
Base	B366	26	23447.25	GEO ENVE	Combination	Max	114	422	10	219	8	1420
Base	B366	26	23728.5	GEO ENVE	Combination	Max	114	434	10	219	5	1379
Base	B366	26	23728.5	GEO ENVE	Combination	Max	300	972	16	224	2	1375
Base	B366	26	24009.75	GEO ENVE	Combination	Max	300	984	16	224	4	1169
Base	B366	26	24291	GEO ENVE	Combination	Max	300	996	16	224	6	960
Base	B366	26	0	GEO ENVE	Combination	Min	-24	-520	-20	-719	-5	320
Base	B366	26	262.5	GEO ENVE	Combination	Min	-24	-509	-20	-719	-0.06851	278
Base	B366	26	525	GEO ENVE	Combination	Min	-24	-498	-20	-719	3	233
Base	B366	26	525	GEO ENVE	Combination	Min	-13	-603	13	-661	3	212
Base	B366	26	787.5	GEO ENVE	Combination	Min	-13	-592	13	-661	0	85
Base	B366	26	1050	GEO ENVE	Combination	Min	-13	-581	13	-661	-5	-44
Base	B366	26	1050	GEO ENVE	Combination	Min	0	-528	0	-578	0	-56
Base	B366	26	1500	GEO ENVE	Combination	Min	0	-509	0	-578	0	-306
Base	B366	26	1950	GEO ENVE	Combination	Min	0	-490	0	-578	0	-564
Base	B366	26	1950	GEO ENVE	Combination	Min	-11	-501	-6	-524	-1	-579
Base	B366	26	2320.5	GEO ENVE	Combination	Min	-11	-485	-6	-524	1	-838
Base	B366	26	2320.5	GEO ENVE	Combination	Min	-9	-505	4	-493	1	-895
Base	B366	26	2691	GEO ENVE	Combination	Min	-9	-490	4	-493	-1	-1229
Base	B366	26	2691	GEO ENVE	Combination	Min	-24	-613	-2	-914	-0.3613	-1173
Base	B366	26	3041	GEO ENVE	Combination	Min	-24	-599	-2	-914	0.2397	-1271
Base	B366	26	3041	GEO ENVE	Combination	Min	-37	-154	2	-894	0.2949	-1289
Base	B366	26	3391	GEO ENVE	Combination	Min	-37	-139	2	-894	-0.3094	-1317
Base	B366	26	3391	GEO ENVE	Combination	Min	-6	-196	-6	-882	-7	-1321
Base	B366	26	3782.67	GEO ENVE	Combination	Min	-6	-179	-6	-882	-5	-1250
Base	B366	26	4174.33	GEO ENVE	Combination	Min	-6	-163	-6	-882	-3	-1185
Base	B366	26	4566	GEO ENVE	Combination	Min	-6	-146	-6	-882	-1	-1127
Base	B366	26	4566	GEO ENVE	Combination	Min	-3	-99	-4	-917	-1	-1127
Base	B366	26	4957.67	GEO ENVE	Combination	Min	-3	-82	-4	-917	-0.2899	-1093
Base	B366	26	5349.33	GEO ENVE	Combination	Min	-3	-66	-4	-917	-0.2352	-1067
Base	B366	26	5741	GEO ENVE	Combination	Min	-3	-49	-4	-917	-0.1832	-1067
Base	B366	26	5741	GEO ENVE	Combination	Min	-1	-6	-3	-946	-0.1172	-1067
Base	B366	26	6132.67	GEO ENVE	Combination	Min	-1	11	-3	-946	0.4223	-1110
Base	B366	26	6524.33	GEO ENVE	Combination	Min	-1	28	-3	-946	1	-1158
Base	B366	26	6916	GEO ENVE	Combination	Min	-1	44	-3	-946	1	-1214
Base	B366	26	6916	GEO ENVE	Combination	Min	2	63	2	-957	1	-1214
Base	B366	26	7307.67	GEO ENVE	Combination	Min	2	79	2	-957	-0.3576	-1284
Base	B366	26	7699.33	GEO ENVE	Combination	Min	2	96	2	-957	-8	-1359
Base	B366	26	8091	GEO ENVE	Combination	Min	2	113	2	-957	-15	-1442
Base	B366	26	8091	GEO ENVE	Combination	Min	-0.09429	-1011	-20	-319	-16	-1947
Base	B366	26	8482.67	GEO ENVE	Combination	Min	-0.1009	-994	-20	-319	-8	-1554
Base	B366	26	8874.33	GEO ENVE	Combination	Min	-0.1076	-977	-20	-319	-1	-1168
Base	B366	26	9266	GEO ENVE	Combination	Min	-0.1143	-961	-20	-319	1	-789
Base	B366	26	9266	GEO ENVE	Combination	Min	-1	-943	1	-330	1	-787
Base	B366	26	9657.67	GEO ENVE	Combination	Min	-1	-926	1	-330	1	-634
Base	B366	26	10049.33	GEO ENVE	Combination	Min	-1	-909	1	-330	0.08485	-737

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B366	26	10441	GEO$_{ENVE}$	Combination	Min	-1	-893	1	-330	-0.368	-846
Base	B366	26	10441	GEO$_{ENVE}$	Combination	Min	-5	-853	-0.184	-351	-1	-847
Base	B366	26	10832.67	GEO$_{ENVE}$	Combination	Min	-5	-836	-0.1773	-351	-0.4711	-979
Base	B366	26	11224.33	GEO$_{ENVE}$	Combination	Min	-5	-820	-0.1707	-351	-0.403	-1120
Base	B366	26	11616	GEO$_{ENVE}$	Combination	Min	-5	-803	-0.164	-351	-1	-1280
Base	B366	26	11616	GEO$_{ENVE}$	Combination	Min	-11	-768	-1	-369	-1	-1282
Base	B366	26	12007.67	GEO$_{ENVE}$	Combination	Min	-11	-751	-1	-369	-3	-1463
Base	B366	26	12399.33	GEO$_{ENVE}$	Combination	Min	-11	-735	-1	-369	-5	-1650
Base	B366	26	12791	GEO$_{ENVE}$	Combination	Min	-11	-718	-1	-369	-8	-1843
Base	B366	26	12791	GEO$_{ENVE}$	Combination	Min	-86	-111	-1	-372	-0.1462	-1839
Base	B366	26	13141	GEO$_{ENVE}$	Combination	Min	-86	-96	-1	-372	0	-1836
Base	B366	26	13141	GEO$_{ENVE}$	Combination	Min	-57	-522	0.09886	-372	0	-1811
Base	B366	26	13491	GEO$_{ENVE}$	Combination	Min	-57	-507	0.1048	-372	-0.1646	-1727
Base	B366	26	13491	GEO$_{ENVE}$	Combination	Min	0	-1081	0	-186	0	-1694
Base	B366	26	13941	GEO$_{ENVE}$	Combination	Min	0	-1062	0	-186	0	-1212
Base	B366	26	13941	GEO$_{ENVE}$	Combination	Min	-74	-889	-0.4464	-184	-0.1021	-1185
Base	B366	26	14391	GEO$_{ENVE}$	Combination	Min	-74	-869	-0.4387	-184	0	-789
Base	B366	26	14391	GEO$_{ENVE}$	Combination	Min	-54	-643	0.1311	-182	0	-748
Base	B366	26	14841	GEO$_{ENVE}$	Combination	Min	-54	-624	0.1387	-182	-0.09883	-463
Base	B366	26	14841	GEO$_{ENVE}$	Combination	Min	0	-332	0	-185	0	-448
Base	B366	26	15191	GEO$_{ENVE}$	Combination	Min	0	-317	0	-185	0	-355
Base	B366	26	15191	GEO$_{ENVE}$	Combination	Min	-1	-399	-2	-196	-1	-351
Base	B366	26	15656	GEO$_{ENVE}$	Combination	Min	-1	-379	-2	-196	0	-378
Base	B366	26	16121	GEO$_{ENVE}$	Combination	Min	-1	-359	-2	-196	0	-422
Base	B366	26	16121	GEO$_{ENVE}$	Combination	Min	-1	-327	0	-216	0	-422
Base	B366	26	16586	GEO$_{ENVE}$	Combination	Min	-1	-307	0	-216	-0.05274	-506
Base	B366	26	17051	GEO$_{ENVE}$	Combination	Min	-1	-287	0	-216	-1	-600
Base	B366	26	17051	GEO$_{ENVE}$	Combination	Min	-55	8	-0.4509	-228	-0.07625	-598
Base	B366	26	17441	GEO$_{ENVE}$	Combination	Min	-55	24	-0.4443	-228	0	-604
Base	B366	26	17441	GEO$_{ENVE}$	Combination	Min	-53	-118	0.09337	-227	0	-594
Base	B366	26	17831	GEO$_{ENVE}$	Combination	Min	-53	-101	0.1	-227	-0.09416	-551
Base	B366	26	17831	GEO$_{ENVE}$	Combination	Min	-97	-161	-2	-227	-1	-537
Base	B366	26	18096	GEO$_{ENVE}$	Combination	Min	-97	-149	-2	-227	0	-528
Base	B366	26	18361	GEO$_{ENVE}$	Combination	Min	-97	-138	-2	-227	0	-545
Base	B366	26	18361	GEO$_{ENVE}$	Combination	Min	-101	-153	0.08525	-224	0	-547
Base	B366	26	18626	GEO$_{ENVE}$	Combination	Min	-101	-142	0.08976	-224	0	-637
Base	B366	26	18891	GEO$_{ENVE}$	Combination	Min	-101	-130	0.09426	-224	-0.4676	-731
Base	B366	26	18891	GEO$_{ENVE}$	Combination	Min	-351	-1067	-9	-122	-7	-744
Base	B366	26	19172.25	GEO$_{ENVE}$	Combination	Min	-351	-1055	-9	-122	-4	-459
Base	B366	26	19453.5	GEO$_{ENVE}$	Combination	Min	-351	-1043	-9	-122	-2	-212
Base	B366	26	19453.5	GEO$_{ENVE}$	Combination	Min	-130	-786	-5	-121	1	-172
Base	B366	26	19734.75	GEO$_{ENVE}$	Combination	Min	-130	-774	-5	-121	1	-8
Base	B366	26	20016	GEO$_{ENVE}$	Combination	Min	-130	-762	-5	-121	2	-3
Base	B366	26	20016	GEO$_{ENVE}$	Combination	Min	-128	-596	2	-132	2	-10
Base	B366	26	20297.25	GEO$_{ENVE}$	Combination	Min	-128	-584	2	-132	1	-19
Base	B366	26	20578.5	GEO$_{ENVE}$	Combination	Min	-128	-572	2	-132	1	-33

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B366	26	20578.5	GEO$_{ENVE}$	Combination	Min	-337	-490	3	-131	-2	-41
Base	B366	26	20859.75	GEO$_{ENVE}$	Combination	Min	-337	-478	3	-131	-4	-74
Base	B366	26	21141	GEO$_{ENVE}$	Combination	Min	-337	-466	3	-131	-6	-116
Base	B366	26	21141	GEO$_{ENVE}$	Combination	Min	-82	-380	-0.2214	-151	0	-117
Base	B366	26	21591	GEO$_{ENVE}$	Combination	Min	-82	-361	-0.2138	-151	0	-197
Base	B366	26	21591	GEO$_{ENVE}$	Combination	Min	-87	-355	0.1173	-151	0	-203
Base	B366	26	22041	GEO$_{ENVE}$	Combination	Min	-87	-336	0.125	-151	0	-285
Base	B366	26	22041	GEO$_{ENVE}$	Combination	Min	-302	-284	-12	-171	-11	-286
Base	B366	26	22322.25	GEO$_{ENVE}$	Combination	Min	-302	-272	-12	-171	-8	-356
Base	B366	26	22603.5	GEO$_{ENVE}$	Combination	Min	-302	-260	-12	-171	-4	-435
Base	B366	26	22603.5	GEO$_{ENVE}$	Combination	Min	-112	-161	-11	-171	-2	-454
Base	B366	26	22884.75	GEO$_{ENVE}$	Combination	Min	-112	-149	-11	-171	-4	-542
Base	B366	26	23166	GEO$_{ENVE}$	Combination	Min	-112	-137	-11	-171	-6	-632
Base	B366	26	23166	GEO$_{ENVE}$	Combination	Min	-147	65	-6	-184	-6	-650
Base	B366	26	23447.25	GEO$_{ENVE}$	Combination	Min	-147	77	-6	-184	-4	-748
Base	B366	26	23728.5	GEO$_{ENVE}$	Combination	Min	-147	88	-6	-184	-3	-849
Base	B366	26	23728.5	GEO$_{ENVE}$	Combination	Min	-403	94	-8	-186	-3	-871
Base	B366	26	24009.75	GEO$_{ENVE}$	Combination	Min	-403	106	-8	-186	-7	-950
Base	B366	26	24291	GEO$_{ENVE}$	Combination	Min	-403	117	-8	-186	-12	-1032
Base	B384	29	0	GEO$_{ENVE}$	Combination	Max	288	8	5	34	7	988
Base	B384	29	292.5	GEO$_{ENVE}$	Combination	Max	288	21	5	34	6	1105
Base	B384	29	585	GEO$_{ENVE}$	Combination	Max	288	33	5	34	4	1218
Base	B384	29	585	GEO$_{ENVE}$	Combination	Max	150	73	4	34	5	1220
Base	B384	29	975	GEO$_{ENVE}$	Combination	Max	150	89	4	34	9	1245
Base	B384	29	975	GEO$_{ENVE}$	Combination	Max	124	40	0.2601	31	11	1255
Base	B384	29	1170	GEO$_{ENVE}$	Combination	Max	124	49	0.2634	31	11	1259
Base	B384	29	1170	GEO$_{ENVE}$	Combination	Max	25	270	3	30	13	1246
Base	B384	29	1462.5	GEO$_{ENVE}$	Combination	Max	25	282	3	30	14	1182
Base	B384	29	1755	GEO$_{ENVE}$	Combination	Max	25	295	3	30	14	1113
Base	B384	29	1755	GEO$_{ENVE}$	Combination	Max	161	128	0.4326	28	16	1084
Base	B384	29	1950	GEO$_{ENVE}$	Combination	Max	161	137	0.4359	28	16	1059
Base	B384	29	1950	GEO$_{ENVE}$	Combination	Max	192	308	11	25	12	985
Base	B384	29	2340	GEO$_{ENVE}$	Combination	Max	192	325	11	25	8	862
Base	B384	29	2340	GEO$_{ENVE}$	Combination	Max	321	615	26	24	4	815
Base	B384	29	2632.5	GEO$_{ENVE}$	Combination	Max	321	627	26	24	7	634
Base	B384	29	2925	GEO$_{ENVE}$	Combination	Max	321	639	26	24	9	449
Base	B384	29	2925	GEO$_{ENVE}$	Combination	Max	221	119	3	19	5	423
Base	B384	29	3420	GEO$_{ENVE}$	Combination	Max	221	140	3	19	4	382
Base	B384	29	3420	GEO$_{ENVE}$	Combination	Max	120	241	7	20	2	372
Base	B384	29	3915	GEO$_{ENVE}$	Combination	Max	120	262	7	20	7	248
Base	B384	29	3915	GEO$_{ENVE}$	Combination	Max	22	162	1	22	13	219
Base	B384	29	4162.5	GEO$_{ENVE}$	Combination	Max	22	173	1	22	13	182
Base	B384	29	4162.5	GEO$_{ENVE}$	Combination	Max	12	173	2	25	13	126
Base	B384	29	4410	GEO$_{ENVE}$	Combination	Max	12	183	2	25	13	91
Base	B384	29	4410	GEO$_{ENVE}$	Combination	Max	70	531	13	27	7	62
Base	B384	29	4905	GEO$_{ENVE}$	Combination	Max	70	552	13	27	1	-62

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B384	29	4905	GEO_{ENVE}	Combination	Max	141	705	10	29	4	-60
Base	B384	29	5400	GEO_{ENVE}	Combination	Max	141	726	10	29	5	-50
Base	B384	29	5400	GEO_{ENVE}	Combination	Max	576	-92	1	452	0	-38
Base	B384	29	5700	GEO_{ENVE}	Combination	Max	576	-79	1	452	-0.2351	-13
Base	B384	29	6000	GEO_{ENVE}	Combination	Max	576	-66	1	452	-0.4526	50
Base	B384	29	6000	GEO_{ENVE}	Combination	Max	452	-68	3	454	1	70
Base	B384	29	6480	GEO_{ENVE}	Combination	Max	452	-48	3	454	2	181
Base	B384	29	6480	GEO_{ENVE}	Combination	Max	444	-9	0	451	2	223
Base	B384	29	6600	GEO_{ENVE}	Combination	Max	444	-4	0	451	2	228
Base	B384	29	6600	GEO_{ENVE}	Combination	Max	322	-60	-0.2054	451	2	238
Base	B384	29	6900	GEO_{ENVE}	Combination	Max	322	-47	-0.2003	451	3	305
Base	B384	29	7200	GEO_{ENVE}	Combination	Max	322	-35	-0.1952	451	3	377
Base	B384	29	7200	GEO_{ENVE}	Combination	Max	189	-40	0.113	451	3	387
Base	B384	29	7560	GEO_{ENVE}	Combination	Max	189	-25	0.1191	451	3	414
Base	B384	29	7560	GEO_{ENVE}	Combination	Max	194	-7	0.2473	440	1	429
Base	B384	29	7800	GEO_{ENVE}	Combination	Max	194	3	0.2514	440	1	436
Base	B384	29	7800	GEO_{ENVE}	Combination	Max	48	47	1	439	2	440
Base	B384	29	8100	GEO_{ENVE}	Combination	Max	48	60	1	439	2	426
Base	B384	29	8400	GEO_{ENVE}	Combination	Max	48	73	1	439	3	408
Base	B384	29	8400	GEO_{ENVE}	Combination	Max	173	73	1	439	3	403
Base	B384	29	8640	GEO_{ENVE}	Combination	Max	173	84	1	439	3	384
Base	B384	29	8640	GEO_{ENVE}	Combination	Max	165	137	-0.06181	429	4	346
Base	B384	29	9000	GEO_{ENVE}	Combination	Max	165	153	-0.0557	429	5	294
Base	B384	29	9000	GEO_{ENVE}	Combination	Max	309	357	2	430	5	282
Base	B384	29	9300	GEO_{ENVE}	Combination	Max	309	370	2	430	4	205
Base	B384	29	9600	GEO_{ENVE}	Combination	Max	309	383	2	430	3	200
Base	B384	29	9600	GEO_{ENVE}	Combination	Max	444	89	1	432	3	196
Base	B384	29	9720	GEO_{ENVE}	Combination	Max	444	94	1	432	3	198
Base	B384	29	9720	GEO_{ENVE}	Combination	Max	438	519	9	427	3	202
Base	B384	29	10200	GEO_{ENVE}	Combination	Max	438	539	9	427	-1	218
Base	B384	29	10200	GEO_{ENVE}	Combination	Max	574	921	14	432	-1	214
Base	B384	29	10500	GEO_{ENVE}	Combination	Max	574	933	14	432	1	234
Base	B384	29	10800	GEO_{ENVE}	Combination	Max	574	946	14	432	2	250
Base	B384	29	0	GEO_{ENVE}	Combination	Min	-354	-832	-23	-206	-22	-1161
Base	B384	29	292.5	GEO_{ENVE}	Combination	Min	-354	-819	-23	-206	-16	-1038
Base	B384	29	585	GEO_{ENVE}	Combination	Min	-354	-807	-23	-206	-9	-929
Base	B384	29	585	GEO_{ENVE}	Combination	Min	-178	-346	-9	-197	-1	-893
Base	B384	29	975	GEO_{ENVE}	Combination	Min	-178	-329	-9	-197	-2	-788
Base	B384	29	975	GEO_{ENVE}	Combination	Min	-149	-146	-1	-188	-4	-726
Base	B384	29	1170	GEO_{ENVE}	Combination	Min	-149	-137	-1	-188	-4	-704
Base	B384	29	1170	GEO_{ENVE}	Combination	Min	-21	-361	-4	-180	-5	-676
Base	B384	29	1462.5	GEO_{ENVE}	Combination	Min	-21	-348	-4	-180	-5	-588
Base	B384	29	1755	GEO_{ENVE}	Combination	Min	-21	-336	-4	-180	-6	-509
Base	B384	29	1755	GEO_{ENVE}	Combination	Min	-134	-83	-0.1381	-174	-7	-486
Base	B384	29	1950	GEO_{ENVE}	Combination	Min	-134	-74	-0.1348	-174	-7	-472
Base	B384	29	1950	GEO_{ENVE}	Combination	Min	-152	-167	-6	-165	-5	-434

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B384	29	2340	GEO_{ENVE}	Combination	Min	-152	-151	-6	-165	-3	-376
Base	B384	29	2340	GEO_{ENVE}	Combination	Min	-273	-152	-8	-158	-10	-355
Base	B384	29	2632.5	GEO_{ENVE}	Combination	Min	-273	-139	-8	-158	-18	-312
Base	B384	29	2925	GEO_{ENVE}	Combination	Min	-273	-127	-8	-158	-25	-273
Base	B384	29	2925	GEO_{ENVE}	Combination	Min	-135	-216	-13	-139	-14	-259
Base	B384	29	3420	GEO_{ENVE}	Combination	Min	-135	-195	-13	-139	-8	-173
Base	B384	29	3420	GEO_{ENVE}	Combination	Min	-73	-120	-12	-136	-0.3305	-162
Base	B384	29	3915	GEO_{ENVE}	Combination	Min	-73	-99	-12	-136	-3	-116
Base	B384	29	3915	GEO_{ENVE}	Combination	Min	-12	-29	-2	-134	-6	-112
Base	B384	29	4162.5	GEO_{ENVE}	Combination	Min	-12	-19	-2	-134	-6	-109
Base	B384	29	4162.5	GEO_{ENVE}	Combination	Min	-22	-20	-1	-129	-6	-107
Base	B384	29	4410	GEO_{ENVE}	Combination	Min	-22	-9	-1	-129	-6	-106
Base	B384	29	4410	GEO_{ENVE}	Combination	Min	-121	-43	-8	-127	-3	-111
Base	B384	29	4905	GEO_{ENVE}	Combination	Min	-121	-22	-8	-127	0.2593	-243
Base	B384	29	4905	GEO_{ENVE}	Combination	Min	-220	-29	-2	-126	-8	-273
Base	B384	29	5400	GEO_{ENVE}	Combination	Min	-220	-8	-2	-126	-13	-602
Base	B384	29	5400	GEO_{ENVE}	Combination	Min	-611	-708	-4	-297	-5	-610
Base	B384	29	5700	GEO_{ENVE}	Combination	Min	-611	-696	-4	-297	-4	-450
Base	B384	29	6000	GEO_{ENVE}	Combination	Min	-611	-683	-4	-297	-2	-293
Base	B384	29	6000	GEO_{ENVE}	Combination	Min	-464	-397	-4	-298	-2	-273
Base	B384	29	6480	GEO_{ENVE}	Combination	Min	-464	-377	-4	-298	-3	-159
Base	B384	29	6480	GEO_{ENVE}	Combination	Min	-450	-69	-0.2408	-307	-3	-124
Base	B384	29	6600	GEO_{ENVE}	Combination	Min	-450	-64	-0.2388	-307	-3	-120
Base	B384	29	6600	GEO_{ENVE}	Combination	Min	-299	-280	-2	-311	-3	-122
Base	B384	29	6900	GEO_{ENVE}	Combination	Min	-299	-268	-2	-311	-2	-65
Base	B384	29	7200	GEO_{ENVE}	Combination	Min	-299	-255	-2	-311	-2	-26
Base	B384	29	7200	GEO_{ENVE}	Combination	Min	-144	-123	-0.2994	-314	-1	-21
Base	B384	29	7560	GEO_{ENVE}	Combination	Min	-144	-107	-0.2933	-314	-1	2
Base	B384	29	7560	GEO_{ENVE}	Combination	Min	-145	-63	-2	-329	0.4809	15
Base	B384	29	7800	GEO_{ENVE}	Combination	Min	-145	-52	-2	-329	1	21
Base	B384	29	7800	GEO_{ENVE}	Combination	Min	8	-113	-2	-335	1	20
Base	B384	29	8100	GEO_{ENVE}	Combination	Min	8	-100	-2	-335	1	40
Base	B384	29	8400	GEO_{ENVE}	Combination	Min	8	-88	-2	-335	0.3065	57
Base	B384	29	8400	GEO_{ENVE}	Combination	Min	-124	-47	0.1383	-340	0.07943	59
Base	B384	29	8640	GEO_{ENVE}	Combination	Min	-124	-37	0.1424	-340	-0.1403	66
Base	B384	29	8640	GEO_{ENVE}	Combination	Min	-116	-47	-1	-353	-2	71
Base	B384	29	9000	GEO_{ENVE}	Combination	Min	-116	-32	-1	-353	-1	78
Base	B384	29	9000	GEO_{ENVE}	Combination	Min	-295	-76	0.2099	-357	-1	77
Base	B384	29	9300	GEO_{ENVE}	Combination	Min	-295	-63	0.215	-357	-2	68
Base	B384	29	9600	GEO_{ENVE}	Combination	Min	-295	-50	0.2201	-357	-2	16
Base	B384	29	9600	GEO_{ENVE}	Combination	Min	-484	-14	0.1105	-361	-2	18
Base	B384	29	9720	GEO_{ENVE}	Combination	Min	-484	-9	0.1125	-361	-2	9
Base	B384	29	9720	GEO_{ENVE}	Combination	Min	-479	-46	-5	-369	-3	-77
Base	B384	29	10200	GEO_{ENVE}	Combination	Min	-479	-26	-5	-369	-1	-331
Base	B384	29	10200	GEO_{ENVE}	Combination	Min	-685	-77	-4	-371	-2	-351
Base	B384	29	10500	GEO_{ENVE}	Combination	Min	-685	-64	-4	-371	-6	-629

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B384	29	10800	GEO_{ENVE}	Combination	Min	-685	-51	-4	-371	-10	-911
Base	B388	363	0	GEO_{ENVE}	Combination	Max	103	159	1	145	0.2851	253
Base	B388	363	281.67	GEO_{ENVE}	Combination	Max	103	165	1	145	0.1432	208
Base	B388	363	563.33	GEO_{ENVE}	Combination	Max	103	172	1	145	0.4157	160
Base	B388	363	563.33	GEO_{ENVE}	Combination	Max	3	41	0.2414	147	1	146
Base	B388	363	845	GEO_{ENVE}	Combination	Max	3	48	0.2442	147	1	135
Base	B388	363	845	GEO_{ENVE}	Combination	Max	8	49	0.4809	148	1	123
Base	B388	363	1126.67	GEO_{ENVE}	Combination	Max	8	56	0.4836	148	1	148
Base	B388	363	1126.67	GEO_{ENVE}	Combination	Max	83	9	7	152	2	168
Base	B388	363	1408.33	GEO_{ENVE}	Combination	Max	83	16	7	152	0.05597	244
Base	B388	363	1690	GEO_{ENVE}	Combination	Max	83	23	7	152	1	325
Base	B388	363	1690	GEO_{ENVE}	Combination	Max	1	33	0.1066	142	0.05578	333
Base	B388	363	2155	GEO_{ENVE}	Combination	Max	1	45	0.1111	142	0	318
Base	B388	363	2620	GEO_{ENVE}	Combination	Max	1	56	0.1156	142	0.07681	300
Base	B388	363	2620	GEO_{ENVE}	Combination	Max	1	97	0.2642	116	0.1413	303
Base	B388	363	3085	GEO_{ENVE}	Combination	Max	1	108	0.2687	116	0	269
Base	B388	363	3550	GEO_{ENVE}	Combination	Max	1	119	0.2732	116	0.06708	246
Base	B388	363	3550	GEO_{ENVE}	Combination	Max	0	54	0	115	0	244
Base	B388	363	3810	GEO_{ENVE}	Combination	Max	0	60	0	115	0	242
Base	B388	363	4070	GEO_{ENVE}	Combination	Max	0	66	0	115	0	238
Base	B388	363	4070	GEO_{ENVE}	Combination	Max	102	3	1	113	0	235
Base	B388	363	4148	GEO_{ENVE}	Combination	Max	102	5	1	113	0.178	235
Base	B388	363	4148	GEO_{ENVE}	Combination	Max	4	43	0.4557	121	0	235
Base	B388	363	4447	GEO_{ENVE}	Combination	Max	4	50	0.4586	121	0.1135	229
Base	B388	363	4447	GEO_{ENVE}	Combination	Max	7	48	0.2986	128	0.1087	221
Base	B388	363	4670	GEO_{ENVE}	Combination	Max	7	53	0.3008	128	0	216
Base	B388	363	4670	GEO_{ENVE}	Combination	Max	145	3	3	123	1	204
Base	B388	363	4746	GEO_{ENVE}	Combination	Max	145	5	3	123	0.3989	204
Base	B388	363	4746	GEO_{ENVE}	Combination	Max	6	272	1	131	0.3364	201
Base	B388	363	5045	GEO_{ENVE}	Combination	Max	6	280	1	131	0.09666	125
Base	B388	363	5344	GEO_{ENVE}	Combination	Max	6	287	1	131	0.1026	89
Base	B388	363	0	GEO_{ENVE}	Combination	Min	-88	-1013	-4	-65	-2	-894
Base	B388	363	281.67	GEO_{ENVE}	Combination	Min	-88	-1006	-4	-65	-1	-615
Base	B388	363	563.33	GEO_{ENVE}	Combination	Min	-88	-999	-4	-65	0	-402
Base	B388	363	563.33	GEO_{ENVE}	Combination	Min	1	-288	-0.4901	-66	-0.1259	-347
Base	B388	363	845	GEO_{ENVE}	Combination	Min	1	-281	-0.4873	-66	-0.1939	-290
Base	B388	363	845	GEO_{ENVE}	Combination	Min	-4	-290	-2	-69	-0.1987	-214
Base	B388	363	1126.67	GEO_{ENVE}	Combination	Min	-4	-283	-2	-69	-0.3346	-183
Base	B388	363	1126.67	GEO_{ENVE}	Combination	Min	-102	-321	-2	-73	-0.3936	-166
Base	B388	363	1408.33	GEO_{ENVE}	Combination	Min	-102	-314	-2	-73	-0.3947	-112
Base	B388	363	1690	GEO_{ENVE}	Combination	Min	-102	-307	-2	-73	-2	-59
Base	B388	363	1690	GEO_{ENVE}	Combination	Min	-1	-175	-0.1811	-96	-0.0874	-57
Base	B388	363	2155	GEO_{ENVE}	Combination	Min	-1	-164	-0.1766	-96	0	22
Base	B388	363	2620	GEO_{ENVE}	Combination	Min	-1	-153	-0.1721	-96	0	81
Base	B388	363	2620	GEO_{ENVE}	Combination	Min	-1	-111	-0.181	-120	-0.09735	85
Base	B388	363	3085	GEO_{ENVE}	Combination	Min	-1	-100	-0.1765	-120	0	104

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B388	363	3550	GEO_{ENVE}	Combination	Min	-1	-89	-0.172	-120	-0.11	89
Base	B388	363	3550	GEO_{ENVE}	Combination	Min	0	-1	0	-152	0	86
Base	B388	363	3810	GEO_{ENVE}	Combination	Min	0	6	0	-152	0	78
Base	B388	363	4070	GEO_{ENVE}	Combination	Min	0	12	0	-152	0	66
Base	B388	363	4070	GEO_{ENVE}	Combination	Min	-35	-0.3939	-2	-150	0	52
Base	B388	363	4148	GEO_{ENVE}	Combination	Min	-35	1	-2	-150	-0.1249	52
Base	B388	363	4148	GEO_{ENVE}	Combination	Min	-11	-19	-0.2684	-156	0	49
Base	B388	363	4447	GEO_{ENVE}	Combination	Min	-11	-12	-0.2655	-156	-0.1475	44
Base	B388	363	4447	GEO_{ENVE}	Combination	Min	-20	-11	-0.2124	-164	-0.09282	31
Base	B388	363	4670	GEO_{ENVE}	Combination	Min	-20	-6	-0.2102	-164	0	26
Base	B388	363	4670	GEO_{ENVE}	Combination	Min	-46	-2	-5	-159	-1	16
Base	B388	363	4746	GEO_{ENVE}	Combination	Min	-46	0.1241	-5	-159	-1	16
Base	B388	363	4746	GEO_{ENVE}	Combination	Min	-18	-33	-1	-167	-0.2377	9
Base	B388	363	5045	GEO_{ENVE}	Combination	Min	-18	-25	-1	-167	-0.06711	9
Base	B388	363	5344	GEO_{ENVE}	Combination	Min	-18	-18	-1	-167	-0.1439	-17
Base	B389	95	0	GEO_{ENVE}	Combination	Max	70	-97	3	-40	2	230
Base	B389	95	300	GEO_{ENVE}	Combination	Max	70	-91	3	-40	1	288
Base	B389	95	600	GEO_{ENVE}	Combination	Max	70	-84	3	-40	1	345
Base	B389	95	600	GEO_{ENVE}	Combination	Max	96	21	1	-40	1	346
Base	B389	95	1080	GEO_{ENVE}	Combination	Max	96	31	1	-40	3	336
Base	B389	95	1080	GEO_{ENVE}	Combination	Max	90	5	0.09956	-37	5	323
Base	B389	95	1200	GEO_{ENVE}	Combination	Max	90	7	0.09848	-37	5	323
Base	B389	95	1200	GEO_{ENVE}	Combination	Max	102	155	3	-35	4	315
Base	B389	95	1500	GEO_{ENVE}	Combination	Max	102	161	3	-35	3	297
Base	B389	95	1800	GEO_{ENVE}	Combination	Max	102	168	3	-35	2	292
Base	B389	95	1800	GEO_{ENVE}	Combination	Max	105	95	1	-34	1	316
Base	B389	95	2160	GEO_{ENVE}	Combination	Max	105	103	1	-34	0.2464	366
Base	B389	95	2160	GEO_{ENVE}	Combination	Max	123	67	0.05636	-30	0.2869	436
Base	B389	95	2400	GEO_{ENVE}	Combination	Max	123	73	0.0542	-30	0.2737	451
Base	B389	95	2400	GEO_{ENVE}	Combination	Max	177	342	0.1648	-29	0.1922	478
Base	B389	95	2700	GEO_{ENVE}	Combination	Max	177	349	0.1621	-29	0.1636	597
Base	B389	95	3000	GEO_{ENVE}	Combination	Max	177	356	0.1594	-29	0.1358	715
Base	B389	95	3000	GEO_{ENVE}	Combination	Max	205	119	0.07491	-27	0.07923	770
Base	B389	95	3240	GEO_{ENVE}	Combination	Max	205	125	0.07275	-27	0.07301	804
Base	B389	95	3240	GEO_{ENVE}	Combination	Max	208	255	0.1506	-22	0.2628	935
Base	B389	95	3600	GEO_{ENVE}	Combination	Max	208	263	0.1474	-22	0.3634	1015
Base	B389	95	3600	GEO_{ENVE}	Combination	Max	182	703	0.2852	-21	1	1090
Base	B389	95	3900	GEO_{ENVE}	Combination	Max	182	710	0.2825	-21	1	1253
Base	B389	95	4200	GEO_{ENVE}	Combination	Max	182	717	0.2798	-21	1	1414
Base	B389	95	4200	GEO_{ENVE}	Combination	Max	172	66	0	-17	1	1451
Base	B389	95	4320	GEO_{ENVE}	Combination	Max	172	69	0	-17	1	1454
Base	B389	95	4320	GEO_{ENVE}	Combination	Max	209	638	1	-12	0.1156	1527
Base	B389	95	4800	GEO_{ENVE}	Combination	Max	209	649	1	-12	-0.1379	1609
Base	B389	95	4800	GEO_{ENVE}	Combination	Max	402	783	1	-10	0.3836	1613
Base	B389	95	5100	GEO_{ENVE}	Combination	Max	402	790	1	-10	1	1429
Base	B389	95	5400	GEO_{ENVE}	Combination	Max	402	796	1	-10	1	1246

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B389	95	5400	GEO_{ENVE}	Combination	Max	10	369	1	11	1	1237
Base	B389	95	5760	GEO_{ENVE}	Combination	Max	10	377	1	11	0.417	1103
Base	B389	95	6120	GEO_{ENVE}	Combination	Max	10	385	1	11	0.157	965
Base	B389	95	6480	GEO_{ENVE}	Combination	Max	10	393	1	11	0.1958	825
Base	B389	95	6480	GEO_{ENVE}	Combination	Max	4	487	0	30	0.1285	824
Base	B389	95	6840	GEO_{ENVE}	Combination	Max	4	495	0	30	0.115	647
Base	B389	95	7200	GEO_{ENVE}	Combination	Max	4	503	0	30	0.1027	467
Base	B389	95	7560	GEO_{ENVE}	Combination	Max	4	512	0	30	0.09159	285
Base	B389	95	7560	GEO_{ENVE}	Combination	Max	4	613	0	50	0	278
Base	B389	95	7920	GEO_{ENVE}	Combination	Max	4	621	0	50	0	106
Base	B389	95	8280	GEO_{ENVE}	Combination	Max	4	629	0	50	0	303
Base	B389	95	8640	GEO_{ENVE}	Combination	Max	4	637	0	50	0	533
Base	B389	95	8640	GEO_{ENVE}	Combination	Max	5	742	0.3055	72	0	529
Base	B389	95	9000	GEO_{ENVE}	Combination	Max	5	750	0.3023	72	0.07148	726
Base	B389	95	9360	GEO_{ENVE}	Combination	Max	5	758	0.299	72	0.112	927
Base	B389	95	9720	GEO_{ENVE}	Combination	Max	5	766	0.2958	72	0.1537	1126
Base	B389	95	9720	GEO_{ENVE}	Combination	Max	3	882	1	94	0.1665	1125
Base	B389	95	10080	GEO_{ENVE}	Combination	Max	3	890	1	94	0	1284
Base	B389	95	10440	GEO_{ENVE}	Combination	Max	3	898	1	94	1	1440
Base	B389	95	10800	GEO_{ENVE}	Combination	Max	3	906	1	94	1	1593
Base	B389	95	10800	GEO_{ENVE}	Combination	Max	280	40	3	117	4	1484
Base	B389	95	11100	GEO_{ENVE}	Combination	Max	280	47	3	117	3	1477
Base	B389	95	11400	GEO_{ENVE}	Combination	Max	280	54	3	117	2	1469
Base	B389	95	11400	GEO_{ENVE}	Combination	Max	150	293	2	118	0	1405
Base	B389	95	11880	GEO_{ENVE}	Combination	Max	150	304	2	118	0.1299	1261
Base	B389	95	11880	GEO_{ENVE}	Combination	Max	136	37	0	133	0.1159	1145
Base	B389	95	12000	GEO_{ENVE}	Combination	Max	136	39	0	133	0.1164	1140
Base	B389	95	12000	GEO_{ENVE}	Combination	Max	202	512	0	139	0.1044	1107
Base	B389	95	12300	GEO_{ENVE}	Combination	Max	202	519	0	139	0.1117	952
Base	B389	95	12600	GEO_{ENVE}	Combination	Max	202	526	0	139	0.1199	796
Base	B389	95	12600	GEO_{ENVE}	Combination	Max	184	178	0.06299	143	0.06671	725
Base	B389	95	12960	GEO_{ENVE}	Combination	Max	184	186	0.05975	143	0	660
Base	B389	95	12960	GEO_{ENVE}	Combination	Max	175	112	0.1434	159	0.05959	545
Base	B389	95	13200	GEO_{ENVE}	Combination	Max	175	117	0.1413	159	0.07266	518
Base	B389	95	13200	GEO_{ENVE}	Combination	Max	126	301	0	164	0.1598	469
Base	B389	95	13500	GEO_{ENVE}	Combination	Max	126	307	0	164	0.183	378
Base	B389	95	13800	GEO_{ENVE}	Combination	Max	126	314	0	164	0.2071	311
Base	B389	95	13800	GEO_{ENVE}	Combination	Max	90	31	0.05529	171	0.1728	362
Base	B389	95	14040	GEO_{ENVE}	Combination	Max	90	37	0.05313	171	0.1598	385
Base	B389	95	14040	GEO_{ENVE}	Combination	Max	81	83	0.4155	191	0.4758	479
Base	B389	95	14400	GEO_{ENVE}	Combination	Max	81	91	0.4123	191	1	533
Base	B389	95	14400	GEO_{ENVE}	Combination	Max	53	9	0	195	1	588
Base	B389	95	14700	GEO_{ENVE}	Combination	Max	53	16	0	195	1	686
Base	B389	95	15000	GEO_{ENVE}	Combination	Max	53	23	0	195	1	783
Base	B389	95	15000	GEO_{ENVE}	Combination	Max	-3	-12	0	207	1	808
Base	B389	95	15120	GEO_{ENVE}	Combination	Max	-3	-9	0	207	1	810

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B389	95	15120	GEO$_{ENVE}$	Combination	Max	-30	-86	1	230	1	864
Base	B389	95	15600	GEO$_{ENVE}$	Combination	Max	-30	-76	1	230	1	941
Base	B389	95	15600	GEO$_{ENVE}$	Combination	Max	-109	211	3	235	2	976
Base	B389	95	15900	GEO$_{ENVE}$	Combination	Max	-109	218	3	235	4	945
Base	B389	95	16200	GEO$_{ENVE}$	Combination	Max	-109	225	3	235	5	912
Base	B389	95	0	GEO$_{ENVE}$	Combination	Min	-283	-212	-5	-111	-6	6
Base	B389	95	300	GEO$_{ENVE}$	Combination	Min	-283	-206	-5	-111	-4	38
Base	B389	95	600	GEO$_{ENVE}$	Combination	Min	-283	-199	-5	-111	-3	67
Base	B389	95	600	GEO$_{ENVE}$	Combination	Min	-189	-102	-3	-111	-1	79
Base	B389	95	1080	GEO$_{ENVE}$	Combination	Min	-189	-91	-3	-111	-1	124
Base	B389	95	1080	GEO$_{ENVE}$	Combination	Min	-181	-10	0	-112	-1	151
Base	B389	95	1200	GEO$_{ENVE}$	Combination	Min	-181	-7	0	-112	-1	152
Base	B389	95	1200	GEO$_{ENVE}$	Combination	Min	-113	-187	-0.46	-113	-1	149
Base	B389	95	1500	GEO$_{ENVE}$	Combination	Min	-113	-181	-0.4627	-113	-1	193
Base	B389	95	1800	GEO$_{ENVE}$	Combination	Min	-113	-174	-0.4654	-113	-0.4411	182
Base	B389	95	1800	GEO$_{ENVE}$	Combination	Min	-60	-144	-0.2726	-113	-0.09348	153
Base	B389	95	2160	GEO$_{ENVE}$	Combination	Min	-60	-136	-0.2758	-113	0	120
Base	B389	95	2160	GEO$_{ENVE}$	Combination	Min	-66	-65	-0.1902	-112	-1	61
Base	B389	95	2400	GEO$_{ENVE}$	Combination	Min	-66	-60	-0.1924	-112	-1	45
Base	B389	95	2400	GEO$_{ENVE}$	Combination	Min	-27	-402	-0.4221	-112	-1	8
Base	B389	95	2700	GEO$_{ENVE}$	Combination	Min	-27	-395	-0.4248	-112	-0.4339	-91
Base	B389	95	3000	GEO$_{ENVE}$	Combination	Min	-27	-389	-0.4275	-112	-0.3061	-192
Base	B389	95	3000	GEO$_{ENVE}$	Combination	Min	-6	-142	0	-111	-0.2171	-235
Base	B389	95	3240	GEO$_{ENVE}$	Combination	Min	-6	-136	0	-111	-0.2314	-263
Base	B389	95	3240	GEO$_{ENVE}$	Combination	Min	-14	-228	-0.3182	-109	0	-395
Base	B389	95	3600	GEO$_{ENVE}$	Combination	Min	-14	-219	-0.3215	-109	0	-485
Base	B389	95	3600	GEO$_{ENVE}$	Combination	Min	-63	-553	0	-109	-0.2036	-572
Base	B389	95	3900	GEO$_{ENVE}$	Combination	Min	-63	-546	0	-109	-0.2887	-784
Base	B389	95	4200	GEO$_{ENVE}$	Combination	Min	-63	-540	0	-109	-0.3731	-998
Base	B389	95	4200	GEO$_{ENVE}$	Combination	Min	-132	-30	0	-108	-0.4619	-1020
Base	B389	95	4320	GEO$_{ENVE}$	Combination	Min	-132	-27	0	-108	-0.4621	-1028
Base	B389	95	4320	GEO$_{ENVE}$	Combination	Min	-168	-203	-0.393	-105	-1	-1246
Base	B389	95	4800	GEO$_{ENVE}$	Combination	Min	-168	-192	-0.3973	-105	-0.4512	-1554
Base	B389	95	4800	GEO$_{ENVE}$	Combination	Min	-379	404	-1	-105	-1	-1695
Base	B389	95	5100	GEO$_{ENVE}$	Combination	Min	-379	410	-1	-105	-1	-1871
Base	B389	95	5400	GEO$_{ENVE}$	Combination	Min	-379	417	-1	-105	-2	-2050
Base	B389	95	5400	GEO$_{ENVE}$	Combination	Min	-11	-943	-1	-84	-0.4063	-2093
Base	B389	95	5760	GEO$_{ENVE}$	Combination	Min	-11	-935	-1	-84	-0.212	-1755
Base	B389	95	6120	GEO$_{ENVE}$	Combination	Min	-11	-927	-1	-84	0	-1420
Base	B389	95	6480	GEO$_{ENVE}$	Combination	Min	-11	-918	-1	-84	-0.2191	-1088
Base	B389	95	6480	GEO$_{ENVE}$	Combination	Min	-1	-819	0	-57	-0.1833	-1083
Base	B389	95	6840	GEO$_{ENVE}$	Combination	Min	-1	-811	0	-57	-0.1848	-789
Base	B389	95	7200	GEO$_{ENVE}$	Combination	Min	-1	-803	0	-57	-0.1851	-499
Base	B389	95	7560	GEO$_{ENVE}$	Combination	Min	-1	-795	0	-57	-0.1843	-211
Base	B389	95	7560	GEO$_{ENVE}$	Combination	Min	-2	-694	0	-28	-0.1244	-212
Base	B389	95	7920	GEO$_{ENVE}$	Combination	Min	-2	-686	-0.05244	-28	-0.1118	-24

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B389	95	8280	GEO$_{ENVE}$	Combination	Min	-2	-678	-0.05568	-28	-0.09798	-205
Base	B389	95	8640	GEO$_{ENVE}$	Combination	Min	-2	-669	-0.05892	-28	-0.08649	-429
Base	B389	95	8640	GEO$_{ENVE}$	Combination	Min	-3	-572	-0.1077	0.3272	-0.1781	-439
Base	B389	95	9000	GEO$_{ENVE}$	Combination	Min	-3	-564	-0.1109	0.3272	-0.2531	-703
Base	B389	95	9360	GEO$_{ENVE}$	Combination	Min	-3	-555	-0.1142	0.3272	-0.3606	-970
Base	B389	95	9720	GEO$_{ENVE}$	Combination	Min	-3	-547	-0.1174	0.3272	-0.4676	-1240
Base	B389	95	9720	GEO$_{ENVE}$	Combination	Min	-11	-446	-2	31	-1	-1248
Base	B389	95	10080	GEO$_{ENVE}$	Combination	Min	-11	-438	-2	31	0	-1563
Base	B389	95	10440	GEO$_{ENVE}$	Combination	Min	-11	-430	-2	31	-0.2076	-1880
Base	B389	95	10800	GEO$_{ENVE}$	Combination	Min	-11	-421	-2	31	-0.393	-2200
Base	B389	95	10800	GEO$_{ENVE}$	Combination	Min	-182	-955	-1	-22	-1	-2062
Base	B389	95	11100	GEO$_{ENVE}$	Combination	Min	-182	-948	-1	-22	-1	-1789
Base	B389	95	11400	GEO$_{ENVE}$	Combination	Min	-182	-942	-1	-22	-1	-1525
Base	B389	95	11400	GEO$_{ENVE}$	Combination	Min	-67	-679	-0.3383	-25	-1	-1348
Base	B389	95	11880	GEO$_{ENVE}$	Combination	Min	-67	-668	-0.3426	-25	-1	-1033
Base	B389	95	11880	GEO$_{ENVE}$	Combination	Min	-29	-68	0	-35	-1	-816
Base	B389	95	12000	GEO$_{ENVE}$	Combination	Min	-29	-65	0	-35	-1	-809
Base	B389	95	12000	GEO$_{ENVE}$	Combination	Min	29	-687	-0.1735	-40	-1	-785
Base	B389	95	12300	GEO$_{ENVE}$	Combination	Min	29	-680	-0.1762	-40	-1	-582
Base	B389	95	12600	GEO$_{ENVE}$	Combination	Min	29	-674	-0.1789	-40	-1	-381
Base	B389	95	12600	GEO$_{ENVE}$	Combination	Min	43	-253	-0.368	-44	-1	-283
Base	B389	95	12960	GEO$_{ENVE}$	Combination	Min	43	-245	-0.3712	-44	-1	-194
Base	B389	95	12960	GEO$_{ENVE}$	Combination	Min	55	-118	-0.05341	-59	-0.3624	-60
Base	B389	95	13200	GEO$_{ENVE}$	Combination	Min	55	-113	-0.05557	-59	-0.3966	-33
Base	B389	95	13200	GEO$_{ENVE}$	Combination	Min	45	-409	-0.08079	-64	-1	18
Base	B389	95	13500	GEO$_{ENVE}$	Combination	Min	45	-403	-0.08349	-64	-1	140
Base	B389	95	13800	GEO$_{ENVE}$	Combination	Min	45	-396	-0.08619	-64	-1	193
Base	B389	95	13800	GEO$_{ENVE}$	Combination	Min	7	-101	-0.1442	-72	-0.4245	219
Base	B389	95	14040	GEO$_{ENVE}$	Combination	Min	7	-95	-0.1464	-72	-0.3896	225
Base	B389	95	14040	GEO$_{ENVE}$	Combination	Min	-3	-159	-0.2557	-92	-1	215
Base	B389	95	14400	GEO$_{ENVE}$	Combination	Min	-3	-151	-0.2589	-92	-1	184
Base	B389	95	14400	GEO$_{ENVE}$	Combination	Min	-71	-359	-0.08457	-97	-1	167
Base	B389	95	14700	GEO$_{ENVE}$	Combination	Min	-71	-352	-0.08726	-97	-1	163
Base	B389	95	15000	GEO$_{ENVE}$	Combination	Min	-71	-345	-0.08996	-97	-1	157
Base	B389	95	15000	GEO$_{ENVE}$	Combination	Min	-160	-27	0	-110	-1	163
Base	B389	95	15120	GEO$_{ENVE}$	Combination	Min	-160	-24	0	-110	-1	164
Base	B389	95	15120	GEO$_{ENVE}$	Combination	Min	-198	-225	-2	-135	-2	201
Base	B389	95	15600	GEO$_{ENVE}$	Combination	Min	-198	-214	-2	-135	-1	253
Base	B389	95	15600	GEO$_{ENVE}$	Combination	Min	-384	-308	-4	-142	-1	297
Base	B389	95	15900	GEO$_{ENVE}$	Combination	Min	-384	-301	-4	-142	-2	387
Base	B389	95	16200	GEO$_{ENVE}$	Combination	Min	-384	-294	-4	-142	-3	473
Base	B394	100	0	GEO$_{ENVE}$	Combination	Max	64	-89	2	11	2	100
Base	B394	100	262.5	GEO$_{ENVE}$	Combination	Max	64	-83	2	11	1	210
Base	B394	100	525	GEO$_{ENVE}$	Combination	Max	64	-78	2	11	1	319
Base	B394	100	525	GEO$_{ENVE}$	Combination	Max	48	-68	1	12	0.4761	341
Base	B394	100	787.5	GEO$_{ENVE}$	Combination	Max	48	-62	1	12	1	368

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B394	100	1050	GEO_{ENVE}	Combination	Max	48	-56	1	12	1	394
Base	B394	100	1050	GEO_{ENVE}	Combination	Max	32	47	0.1564	19	1	382
Base	B394	100	1312.5	GEO_{ENVE}	Combination	Max	32	52	0.154	19	1	369
Base	B394	100	1575	GEO_{ENVE}	Combination	Max	32	58	0.1517	19	1	354
Base	B394	100	1575	GEO_{ENVE}	Combination	Max	90	74	0.173	19	1	338
Base	B394	100	1837.5	GEO_{ENVE}	Combination	Max	90	80	0.1707	19	1	321
Base	B394	100	2100	GEO_{ENVE}	Combination	Max	90	85	0.1683	19	1	309
Base	B394	100	2100	GEO_{ENVE}	Combination	Max	250	128	1	23	1	303
Base	B394	100	2362.5	GEO_{ENVE}	Combination	Max	250	134	1	23	1	284
Base	B394	100	2625	GEO_{ENVE}	Combination	Max	250	140	1	23	0.2888	269
Base	B394	100	2625	GEO_{ENVE}	Combination	Max	362	136	2	24	1	271
Base	B394	100	2887.5	GEO_{ENVE}	Combination	Max	362	142	2	24	1	281
Base	B394	100	3150	GEO_{ENVE}	Combination	Max	362	148	2	24	1	315
Base	B394	100	3150	GEO_{ENVE}	Combination	Max	151	255	1	28	1	332
Base	B394	100	3431.25	GEO_{ENVE}	Combination	Max	151	262	1	28	1	375
Base	B394	100	3712.5	GEO_{ENVE}	Combination	Max	151	268	1	28	0.3549	417
Base	B394	100	3712.5	GEO_{ENVE}	Combination	Max	82	344	1	29	1	445
Base	B394	100	3993.75	GEO_{ENVE}	Combination	Max	82	350	1	29	1	503
Base	B394	100	4275	GEO_{ENVE}	Combination	Max	82	356	1	29	1	558
Base	B394	100	4275	GEO_{ENVE}	Combination	Max	79	559	1	35	2	582
Base	B394	100	4556.25	GEO_{ENVE}	Combination	Max	79	565	1	35	1	608
Base	B394	100	4837.5	GEO_{ENVE}	Combination	Max	79	571	1	35	1	633
Base	B394	100	4837.5	GEO_{ENVE}	Combination	Max	174	643	2	36	0.3843	640
Base	B394	100	5118.75	GEO_{ENVE}	Combination	Max	174	649	2	36	1	600
Base	B394	100	5400	GEO_{ENVE}	Combination	Max	174	656	2	36	1	558
Base	B394	100	5400	GEO_{ENVE}	Combination	Max	4	72	0.1758	51	0.1215	822
Base	B394	100	5760	GEO_{ENVE}	Combination	Max	4	80	0.1726	51	0.05914	798
Base	B394	100	6120	GEO_{ENVE}	Combination	Max	4	88	0.1693	51	0	771
Base	B394	100	6480	GEO_{ENVE}	Combination	Max	4	96	0.1661	51	0.153	741
Base	B394	100	6480	GEO_{ENVE}	Combination	Max	1	183	0.256	45	0.2853	740
Base	B394	100	6840	GEO_{ENVE}	Combination	Max	1	191	0.2528	45	0.1937	676
Base	B394	100	7200	GEO_{ENVE}	Combination	Max	1	199	0.2496	45	0.1033	609
Base	B394	100	7560	GEO_{ENVE}	Combination	Max	1	207	0.2463	45	0.05093	540
Base	B394	100	7560	GEO_{ENVE}	Combination	Max	1	293	0.1839	39	0.1068	538
Base	B394	100	7920	GEO_{ENVE}	Combination	Max	1	301	0.1806	39	0	435
Base	B394	100	8280	GEO_{ENVE}	Combination	Max	1	309	0.1774	39	0	329
Base	B394	100	8640	GEO_{ENVE}	Combination	Max	1	317	0.1741	39	0.09632	226
Base	B394	100	8640	GEO_{ENVE}	Combination	Max	2	403	0.1905	33	0	226
Base	B394	100	9000	GEO_{ENVE}	Combination	Max	2	411	0.1872	33	0.0918	180
Base	B394	100	9360	GEO_{ENVE}	Combination	Max	2	419	0.184	33	0.156	229
Base	B394	100	9720	GEO_{ENVE}	Combination	Max	2	427	0.1807	33	0.2214	294
Base	B394	100	9720	GEO_{ENVE}	Combination	Max	3	515	0.3605	28	0.1174	295
Base	B394	100	10080	GEO_{ENVE}	Combination	Max	3	523	0.3572	28	0	330
Base	B394	100	10440	GEO_{ENVE}	Combination	Max	3	531	0.354	28	0.1295	361
Base	B394	100	10800	GEO_{ENVE}	Combination	Max	3	539	0.3507	28	0.2866	390
Base	B394	100	10800	GEO_{ENVE}	Combination	Max	3	-187	1	55	1	357

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B394	100	11160	GEO_{ENVE}	Combination	Max	3	-179	1	55	0.4038	424
Base	B394	100	11520	GEO_{ENVE}	Combination	Max	3	-171	1	55	0.1331	489
Base	B394	100	11880	GEO_{ENVE}	Combination	Max	3	-163	1	55	0.2389	551
Base	B394	100	11880	GEO_{ENVE}	Combination	Max	1	-71	0	50	0.1273	553
Base	B394	100	12240	GEO_{ENVE}	Combination	Max	1	-63	0	50	0.1411	584
Base	B394	100	12600	GEO_{ENVE}	Combination	Max	1	-55	0	50	0.156	624
Base	B394	100	12960	GEO_{ENVE}	Combination	Max	1	-47	0	50	0.1721	661
Base	B394	100	12960	GEO_{ENVE}	Combination	Max	-0.06279	41	0	46	0.09934	662
Base	B394	100	13320	GEO_{ENVE}	Combination	Max	-0.06603	49	0	46	0.1097	664
Base	B394	100	13680	GEO_{ENVE}	Combination	Max	-0.06926	57	0	46	0.1226	663
Base	B394	100	14040	GEO_{ENVE}	Combination	Max	-0.0725	65	0	46	0.1366	659
Base	B394	100	14040	GEO_{ENVE}	Combination	Max	0.1548	138	0.09757	44	0.1544	660
Base	B394	100	14400	GEO_{ENVE}	Combination	Max	0.1516	146	0.09433	44	0.1198	627
Base	B394	100	14760	GEO_{ENVE}	Combination	Max	0.1483	154	0.09109	44	0.08646	592
Base	B394	100	15120	GEO_{ENVE}	Combination	Max	0.1451	162	0.08785	44	0.05426	553
Base	B394	100	15120	GEO_{ENVE}	Combination	Max	0.3219	199	0.4904	43	0.09542	553
Base	B394	100	15480	GEO_{ENVE}	Combination	Max	0.3186	207	0.4872	43	0.08552	538
Base	B394	100	15840	GEO_{ENVE}	Combination	Max	0.3154	215	0.4839	43	0.4146	528
Base	B394	100	16200	GEO_{ENVE}	Combination	Max	0.3122	223	0.4807	43	1	515
Base	B394	100	0	GEO_{ENVE}	Combination	Min	-410	-423	-3	-15	-3	-2
Base	B394	100	262.5	GEO_{ENVE}	Combination	Min	-410	-417	-3	-15	-2	21
Base	B394	100	525	GEO_{ENVE}	Combination	Min	-410	-412	-3	-15	-1	42
Base	B394	100	525	GEO_{ENVE}	Combination	Min	-243	-116	-1	-15	-0.4412	51
Base	B394	100	787.5	GEO_{ENVE}	Combination	Min	-243	-110	-1	-15	-1	68
Base	B394	100	1050	GEO_{ENVE}	Combination	Min	-243	-104	-1	-15	-1	84
Base	B394	100	1050	GEO_{ENVE}	Combination	Min	-49	-49	-0.2886	-20	-1	88
Base	B394	100	1312.5	GEO_{ENVE}	Combination	Min	-49	-43	-0.291	-20	-1	100
Base	B394	100	1575	GEO_{ENVE}	Combination	Min	-49	-37	-0.2933	-20	-1	110
Base	B394	100	1575	GEO_{ENVE}	Combination	Min	-2	-84	-0.1165	-21	-1	119
Base	B394	100	1837.5	GEO_{ENVE}	Combination	Min	-2	-78	-0.1189	-21	-1	141
Base	B394	100	2100	GEO_{ENVE}	Combination	Min	-2	-72	-0.1213	-21	-1	160
Base	B394	100	2100	GEO_{ENVE}	Combination	Min	-47	-84	-1	-23	-0.4825	167
Base	B394	100	2362.5	GEO_{ENVE}	Combination	Min	-47	-78	-1	-23	-0.3035	186
Base	B394	100	2625	GEO_{ENVE}	Combination	Min	-47	-72	-1	-23	-0.1239	171
Base	B394	100	2625	GEO_{ENVE}	Combination	Min	-86	-149	-1	-23	-2	145
Base	B394	100	2887.5	GEO_{ENVE}	Combination	Min	-86	-143	-1	-23	-2	108
Base	B394	100	3150	GEO_{ENVE}	Combination	Min	-86	-137	-1	-23	-3	70
Base	B394	100	3150	GEO_{ENVE}	Combination	Min	-177	-157	-2	-25	-2	48
Base	B394	100	3431.25	GEO_{ENVE}	Combination	Min	-177	-151	-2	-25	-1	-25
Base	B394	100	3712.5	GEO_{ENVE}	Combination	Min	-177	-145	-2	-25	-1	-99
Base	B394	100	3712.5	GEO_{ENVE}	Combination	Min	-75	-206	-1	-25	-0.4849	-147
Base	B394	100	3993.75	GEO_{ENVE}	Combination	Min	-75	-200	-1	-25	-1	-244
Base	B394	100	4275	GEO_{ENVE}	Combination	Min	-75	-194	-1	-25	-1	-344
Base	B394	100	4275	GEO_{ENVE}	Combination	Min	-58	-98	-1	-28	-1	-389
Base	B394	100	4556.25	GEO_{ENVE}	Combination	Min	-58	-92	-1	-28	-1	-547
Base	B394	100	4837.5	GEO_{ENVE}	Combination	Min	-58	-85	-1	-28	-0.4443	-707

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B394	100	4837.5	GEO_{ENVE}	Combination	Min	-175	129	-1	-28	-1	-800
Base	B394	100	5118.75	GEO_{ENVE}	Combination	Min	-175	136	-1	-28	-1	-979
Base	B394	100	5400	GEO_{ENVE}	Combination	Min	-175	142	-1	-28	-2	-1160
Base	B394	100	5400	GEO_{ENVE}	Combination	Min	-6	-582	-0.4543	-35	-0.3429	-1482
Base	B394	100	5760	GEO_{ENVE}	Combination	Min	-6	-574	-0.4575	-35	-0.1787	-1274
Base	B394	100	6120	GEO_{ENVE}	Combination	Min	-6	-566	-0.4608	-35	0	-1069
Base	B394	100	6480	GEO_{ENVE}	Combination	Min	-6	-558	-0.464	-35	-0.07242	-867
Base	B394	100	6480	GEO_{ENVE}	Combination	Min	-1	-463	-0.1412	-30	-0.123	-865
Base	B394	100	6840	GEO_{ENVE}	Combination	Min	-1	-455	-0.1445	-30	-0.07953	-700
Base	B394	100	7200	GEO_{ENVE}	Combination	Min	-1	-447	-0.1477	-30	0	-537
Base	B394	100	7560	GEO_{ENVE}	Combination	Min	-1	-439	-0.1509	-30	0	-378
Base	B394	100	7560	GEO_{ENVE}	Combination	Min	-0.06769	-348	-0.1458	-26	-0.085	-376
Base	B394	100	7920	GEO_{ENVE}	Combination	Min	-0.07093	-340	-0.149	-26	0	-252
Base	B394	100	8280	GEO_{ENVE}	Combination	Min	-0.07416	-332	-0.1522	-26	0	-132
Base	B394	100	8640	GEO_{ENVE}	Combination	Min	-0.0774	-324	-0.1555	-26	-0.08793	-96
Base	B394	100	8640	GEO_{ENVE}	Combination	Min	-2	-232	-0.1952	-22	-0.06444	-96
Base	B394	100	9000	GEO_{ENVE}	Combination	Min	-2	-224	-0.1984	-22	-0.07424	-129
Base	B394	100	9360	GEO_{ENVE}	Combination	Min	-2	-216	-0.2016	-22	-0.1359	-196
Base	B394	100	9720	GEO_{ENVE}	Combination	Min	-2	-208	-0.2049	-22	-0.1979	-309
Base	B394	100	9720	GEO_{ENVE}	Combination	Min	-4	-116	-0.4282	-20	-0.1811	-310
Base	B394	100	10080	GEO_{ENVE}	Combination	Min	-4	-108	-0.4314	-20	0	-484
Base	B394	100	10440	GEO_{ENVE}	Combination	Min	-4	-100	-0.4346	-20	-0.1617	-674
Base	B394	100	10800	GEO_{ENVE}	Combination	Min	-4	-92	-0.4379	-20	-0.2886	-867
Base	B394	100	10800	GEO_{ENVE}	Combination	Min	-0.2743	-414	-1	-24	-1	-830
Base	B394	100	11160	GEO_{ENVE}	Combination	Min	-0.2775	-406	-1	-24	-0.2997	-696
Base	B394	100	11520	GEO_{ENVE}	Combination	Min	-0.2808	-397	-1	-24	-0.06912	-566
Base	B394	100	11880	GEO_{ENVE}	Combination	Min	-0.284	-389	-1	-24	-0.2305	-438
Base	B394	100	11880	GEO_{ENVE}	Combination	Min	-0.08056	-298	-0.06504	-21	-0.2154	-436
Base	B394	100	12240	GEO_{ENVE}	Combination	Min	-0.0838	-290	-0.06828	-21	-0.194	-344
Base	B394	100	12600	GEO_{ENVE}	Combination	Min	-0.08704	-281	-0.07152	-21	-0.1715	-254
Base	B394	100	12960	GEO_{ENVE}	Combination	Min	-0.09028	-273	-0.07476	-21	-0.1491	-172
Base	B394	100	12960	GEO_{ENVE}	Combination	Min	-0.185	-187	-0.0813	-19	-0.1889	-171
Base	B394	100	13320	GEO_{ENVE}	Combination	Min	-0.1883	-178	-0.08454	-19	-0.1691	-134
Base	B394	100	13680	GEO_{ENVE}	Combination	Min	-0.1915	-170	-0.08778	-19	-0.1481	-101
Base	B394	100	14040	GEO_{ENVE}	Combination	Min	-0.1947	-162	-0.09102	-19	-0.1259	-71
Base	B394	100	14040	GEO_{ENVE}	Combination	Min	-2	-90	-0.1482	-18	-0.2779	-70
Base	B394	100	14400	GEO_{ENVE}	Combination	Min	-2	-82	-0.1515	-18	-0.2239	-69
Base	B394	100	14760	GEO_{ENVE}	Combination	Min	-2	-74	-0.1547	-18	-0.1688	-71
Base	B394	100	15120	GEO_{ENVE}	Combination	Min	-2	-66	-0.1579	-18	-0.1126	-75
Base	B394	100	15120	GEO_{ENVE}	Combination	Min	-3	-27	-1	-18	-0.2424	-75
Base	B394	100	15480	GEO_{ENVE}	Combination	Min	-3	-19	-1	-18	-0.09532	-98
Base	B394	100	15840	GEO_{ENVE}	Combination	Min	-3	-11	-1	-18	-0.2553	-154
Base	B394	100	16200	GEO_{ENVE}	Combination	Min	-3	-3	-1	-18	-0.429	-213
Base	B395	106	0	GEO_{ENVE}	Combination	Max	-92	1	9	58	11	149
Base	B395	106	262.5	GEO_{ENVE}	Combination	Max	-92	7	9	58	9	328
Base	B395	106	525	GEO_{ENVE}	Combination	Max	-92	13	9	58	7	506

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B395	106	525	GEO$_{ENVE}$	Combination	Max	-48	-83	7	57	5	564
Base	B395	106	787.5	GEO$_{ENVE}$	Combination	Max	-48	-77	7	57	7	600
Base	B395	106	1050	GEO$_{ENVE}$	Combination	Max	-48	-71	7	57	9	635
Base	B395	106	1050	GEO$_{ENVE}$	Combination	Max	19	104	3	43	10	619
Base	B395	106	1312.5	GEO$_{ENVE}$	Combination	Max	19	110	3	43	10	591
Base	B395	106	1575	GEO$_{ENVE}$	Combination	Max	19	116	3	43	9	562
Base	B395	106	1575	GEO$_{ENVE}$	Combination	Max	68	159	3	43	5	536
Base	B395	106	1837.5	GEO$_{ENVE}$	Combination	Max	68	165	3	43	4	493
Base	B395	106	2100	GEO$_{ENVE}$	Combination	Max	68	170	3	43	3	451
Base	B395	106	2100	GEO$_{ENVE}$	Combination	Max	172	225	3	37	0.2147	434
Base	B395	106	2362.5	GEO$_{ENVE}$	Combination	Max	172	231	3	37	0.1289	384
Base	B395	106	2625	GEO$_{ENVE}$	Combination	Max	172	237	3	37	1	332
Base	B395	106	2625	GEO$_{ENVE}$	Combination	Max	235	235	4	36	5	363
Base	B395	106	2887.5	GEO$_{ENVE}$	Combination	Max	235	241	4	36	6	435
Base	B395	106	3150	GEO$_{ENVE}$	Combination	Max	235	247	4	36	7	505
Base	B395	106	3150	GEO$_{ENVE}$	Combination	Max	102	359	2	32	2	529
Base	B395	106	3431.25	GEO$_{ENVE}$	Combination	Max	102	366	2	32	1	607
Base	B395	106	3712.5	GEO$_{ENVE}$	Combination	Max	102	372	2	32	1	684
Base	B395	106	3712.5	GEO$_{ENVE}$	Combination	Max	93	454	2	32	1	726
Base	B395	106	3993.75	GEO$_{ENVE}$	Combination	Max	93	460	2	32	2	809
Base	B395	106	4275	GEO$_{ENVE}$	Combination	Max	93	467	2	32	2	890
Base	B395	106	4275	GEO$_{ENVE}$	Combination	Max	3	685	1	29	2	923
Base	B395	106	4556.25	GEO$_{ENVE}$	Combination	Max	3	691	1	29	1	944
Base	B395	106	4837.5	GEO$_{ENVE}$	Combination	Max	3	697	1	29	1	963
Base	B395	106	4837.5	GEO$_{ENVE}$	Combination	Max	30	777	2	29	1	948
Base	B395	106	5118.75	GEO$_{ENVE}$	Combination	Max	30	784	2	29	1	816
Base	B395	106	5400	GEO$_{ENVE}$	Combination	Max	30	790	2	29	2	688
Base	B395	106	5400	GEO$_{ENVE}$	Combination	Max	15	143	1	31	1	672
Base	B395	106	5760	GEO$_{ENVE}$	Combination	Max	15	151	1	31	0.412	619
Base	B395	106	6120	GEO$_{ENVE}$	Combination	Max	15	159	1	31	1	564
Base	B395	106	6480	GEO$_{ENVE}$	Combination	Max	15	167	1	31	1	505
Base	B395	106	6480	GEO$_{ENVE}$	Combination	Max	6	256	0.2539	35	0	504
Base	B395	106	6840	GEO$_{ENVE}$	Combination	Max	6	264	0.2506	35	0	410
Base	B395	106	7200	GEO$_{ENVE}$	Combination	Max	6	272	0.2474	35	0.06059	313
Base	B395	106	7560	GEO$_{ENVE}$	Combination	Max	6	280	0.2441	35	0.1579	214
Base	B395	106	7560	GEO$_{ENVE}$	Combination	Max	1	371	0.1008	39	0.1301	212
Base	B395	106	7920	GEO$_{ENVE}$	Combination	Max	1	379	0.09755	39	0.09442	78
Base	B395	106	8280	GEO$_{ENVE}$	Combination	Max	1	387	0.09431	39	0.06102	46
Base	B395	106	8640	GEO$_{ENVE}$	Combination	Max	1	395	0.09107	39	0	178
Base	B395	106	8640	GEO$_{ENVE}$	Combination	Max	7	488	0.1066	41	1	180
Base	B395	106	9000	GEO$_{ENVE}$	Combination	Max	7	496	0.1033	41	1	277
Base	B395	106	9360	GEO$_{ENVE}$	Combination	Max	7	504	0.1001	41	1	371
Base	B395	106	9720	GEO$_{ENVE}$	Combination	Max	7	512	0.09685	41	1	462
Base	B395	106	9720	GEO$_{ENVE}$	Combination	Max	14	609	3	43	1	463
Base	B395	106	10080	GEO$_{ENVE}$	Combination	Max	14	617	3	43	0.2818	520
Base	B395	106	10440	GEO$_{ENVE}$	Combination	Max	13	625	3	43	1	573

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B395	106	10800	GEO_{ENVE}	Combination	Max	13	633	3	43	2	624
Base	B395	106	10800	GEO_{ENVE}	Combination	Max	116	-545	2	41	3	640
Base	B395	106	11100	GEO_{ENVE}	Combination	Max	116	-539	2	41	2	802
Base	B395	106	11400	GEO_{ENVE}	Combination	Max	116	-532	2	41	2	963
Base	B395	106	11400	GEO_{ENVE}	Combination	Max	60	44	1	41	0.2188	977
Base	B395	106	11880	GEO_{ENVE}	Combination	Max	60	55	1	41	1	953
Base	B395	106	11880	GEO_{ENVE}	Combination	Max	72	10	0	40	1	921
Base	B395	106	12000	GEO_{ENVE}	Combination	Max	72	13	0	40	1	919
Base	B395	106	12000	GEO_{ENVE}	Combination	Max	159	301	0.4876	40	1	895
Base	B395	106	12300	GEO_{ENVE}	Combination	Max	159	308	0.4849	40	1	804
Base	B395	106	12600	GEO_{ENVE}	Combination	Max	159	315	0.4822	40	1	711
Base	B395	106	12600	GEO_{ENVE}	Combination	Max	165	128	0.2718	40	0.4639	667
Base	B395	106	12960	GEO_{ENVE}	Combination	Max	165	137	0.2686	40	0.3666	619
Base	B395	106	12960	GEO_{ENVE}	Combination	Max	166	86	0.05532	40	0.2568	536
Base	B395	106	13200	GEO_{ENVE}	Combination	Max	166	91	0.05316	40	0.2438	516
Base	B395	106	13200	GEO_{ENVE}	Combination	Max	133	268	0.3683	39	0.07689	479
Base	B395	106	13500	GEO_{ENVE}	Combination	Max	133	274	0.3656	39	0	401
Base	B395	106	13800	GEO_{ENVE}	Combination	Max	133	281	0.3629	39	0.07624	321
Base	B395	106	13800	GEO_{ENVE}	Combination	Max	63	45	0.1028	40	0.3583	304
Base	B395	106	14040	GEO_{ENVE}	Combination	Max	63	51	0.1006	40	0.3848	294
Base	B395	106	14040	GEO_{ENVE}	Combination	Max	54	109	0.4474	41	0.2531	255
Base	B395	106	14400	GEO_{ENVE}	Combination	Max	54	117	0.4442	41	0.3958	269
Base	B395	106	14400	GEO_{ENVE}	Combination	Max	16	171	1	41	1	285
Base	B395	106	14700	GEO_{ENVE}	Combination	Max	16	178	1	41	1	328
Base	B395	106	15000	GEO_{ENVE}	Combination	Max	16	185	1	41	2	370
Base	B395	106	15000	GEO_{ENVE}	Combination	Max	-33	9	0	44	2	382
Base	B395	106	15120	GEO_{ENVE}	Combination	Max	-33	12	0	44	2	384
Base	B395	106	15120	GEO_{ENVE}	Combination	Max	-54	110	2	48	2	411
Base	B395	106	15600	GEO_{ENVE}	Combination	Max	-54	121	2	48	2	443
Base	B395	106	15600	GEO_{ENVE}	Combination	Max	-117	175	4	49	2	457
Base	B395	106	15900	GEO_{ENVE}	Combination	Max	-117	181	4	49	3	445
Base	B395	106	16200	GEO_{ENVE}	Combination	Max	-117	188	4	49	4	430
Base	B395	106	0	GEO_{ENVE}	Combination	Min	-269	-686	-12	-96	-16	-53
Base	B395	106	262.5	GEO_{ENVE}	Combination	Min	-269	-680	-12	-96	-12	-51
Base	B395	106	525	GEO_{ENVE}	Combination	Min	-269	-674	-12	-96	-9	-50
Base	B395	106	525	GEO_{ENVE}	Combination	Min	-173	-142	-9	-95	-3	-48
Base	B395	106	787.5	GEO_{ENVE}	Combination	Min	-173	-136	-9	-95	-5	-21
Base	B395	106	1050	GEO_{ENVE}	Combination	Min	-173	-130	-9	-95	-7	4
Base	B395	106	1050	GEO_{ENVE}	Combination	Min	-31	-146	-2	-72	-7	10
Base	B395	106	1312.5	GEO_{ENVE}	Combination	Min	-31	-140	-2	-72	-7	43
Base	B395	106	1575	GEO_{ENVE}	Combination	Min	-31	-135	-2	-72	-6	74
Base	B395	106	1575	GEO_{ENVE}	Combination	Min	33	-201	-2	-71	-4	92
Base	B395	106	1837.5	GEO_{ENVE}	Combination	Min	33	-195	-2	-71	-3	137
Base	B395	106	2100	GEO_{ENVE}	Combination	Min	33	-189	-2	-71	-3	181
Base	B395	106	2100	GEO_{ENVE}	Combination	Min	52	-212	-3	-60	-1	186
Base	B395	106	2362.5	GEO_{ENVE}	Combination	Min	52	-206	-3	-60	-1	200

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B395	106	2625	GEO_{ENVE}	Combination	Min	52	-200	-3	-60	-2	210
Base	B395	106	2625	GEO_{ENVE}	Combination	Min	47	-277	-3	-59	-6	198
Base	B395	106	2887.5	GEO_{ENVE}	Combination	Min	47	-271	-3	-59	-7	167
Base	B395	106	3150	GEO_{ENVE}	Combination	Min	47	-265	-3	-59	-8	105
Base	B395	106	3150	GEO_{ENVE}	Combination	Min	-6	-282	-2	-52	-2	82
Base	B395	106	3431.25	GEO_{ENVE}	Combination	Min	-6	-276	-2	-52	-1	-19
Base	B395	106	3712.5	GEO_{ENVE}	Combination	Min	-6	-269	-2	-52	-1	-122
Base	B395	106	3712.5	GEO_{ENVE}	Combination	Min	-20	-298	-1	-51	-1	-180
Base	B395	106	3993.75	GEO_{ENVE}	Combination	Min	-20	-292	-1	-51	-2	-308
Base	B395	106	4275	GEO_{ENVE}	Combination	Min	-20	-286	-1	-51	-2	-437
Base	B395	106	4275	GEO_{ENVE}	Combination	Min	-36	-87	-1	-46	-2	-486
Base	B395	106	4556.25	GEO_{ENVE}	Combination	Min	-36	-81	-1	-46	-1	-675
Base	B395	106	4837.5	GEO_{ENVE}	Combination	Min	-36	-75	-1	-46	-1	-865
Base	B395	106	4837.5	GEO_{ENVE}	Combination	Min	-168	438	-2	-46	-1	-970
Base	B395	106	5118.75	GEO_{ENVE}	Combination	Min	-168	444	-2	-46	-1	-1171
Base	B395	106	5400	GEO_{ENVE}	Combination	Min	-168	451	-2	-46	-2	-1384
Base	B395	106	5400	GEO_{ENVE}	Combination	Min	-15	-620	-0.4266	-47	0.146	-1430
Base	B395	106	5760	GEO_{ENVE}	Combination	Min	-15	-612	-0.4298	-47	0	-1210
Base	B395	106	6120	GEO_{ENVE}	Combination	Min	-15	-604	-0.4331	-47	-0.4217	-993
Base	B395	106	6480	GEO_{ENVE}	Combination	Min	-15	-596	-0.4363	-47	-1	-779
Base	B395	106	6480	GEO_{ENVE}	Combination	Min	-6	-501	-0.3246	-51	-0.2358	-777
Base	B395	106	6840	GEO_{ENVE}	Combination	Min	-6	-493	-0.3278	-51	-0.2024	-599
Base	B395	106	7200	GEO_{ENVE}	Combination	Min	-6	-485	-0.3311	-51	-0.2658	-424
Base	B395	106	7560	GEO_{ENVE}	Combination	Min	-6	-477	-0.3343	-51	-0.3325	-252
Base	B395	106	7560	GEO_{ENVE}	Combination	Min	-0.1237	-386	-0.1217	-55	-0.2398	-249
Base	B395	106	7920	GEO_{ENVE}	Combination	Min	-0.127	-378	-0.1249	-55	-0.1954	-112
Base	B395	106	8280	GEO_{ENVE}	Combination	Min	-0.1302	-370	-0.1281	-55	-0.1538	-65
Base	B395	106	8640	GEO_{ENVE}	Combination	Min	-0.1334	-362	-0.1314	-55	-0.1117	-206
Base	B395	106	8640	GEO_{ENVE}	Combination	Min	-6	-273	-0.1138	-57	-1	-208
Base	B395	106	9000	GEO_{ENVE}	Combination	Min	-6	-265	-0.1171	-57	-1	-385
Base	B395	106	9360	GEO_{ENVE}	Combination	Min	-6	-257	-0.1203	-57	-1	-565
Base	B395	106	9720	GEO_{ENVE}	Combination	Min	-6	-249	-0.1236	-57	-1	-748
Base	B395	106	9720	GEO_{ENVE}	Combination	Min	-16	-161	-3	-58	-1	-750
Base	B395	106	10080	GEO_{ENVE}	Combination	Min	-16	-153	-3	-58	-0.1762	-971
Base	B395	106	10440	GEO_{ENVE}	Combination	Min	-16	-145	-3	-58	-1	-1195
Base	B395	106	10800	GEO_{ENVE}	Combination	Min	-16	-137	-3	-58	-2	-1421
Base	B395	106	10800	GEO_{ENVE}	Combination	Min	-132	-712	-2	-55	-2	-1380
Base	B395	106	11100	GEO_{ENVE}	Combination	Min	-132	-706	-2	-55	-2	-1174
Base	B395	106	11400	GEO_{ENVE}	Combination	Min	-132	-699	-2	-55	-2	-971
Base	B395	106	11400	GEO_{ENVE}	Combination	Min	-24	-483	-1	-54	-0.2203	-851
Base	B395	106	11880	GEO_{ENVE}	Combination	Min	-24	-472	-1	-54	-1	-622
Base	B395	106	11880	GEO_{ENVE}	Combination	Min	3	-49	0	-53	-1	-468
Base	B395	106	12000	GEO_{ENVE}	Combination	Min	3	-46	0	-53	-1	-462
Base	B395	106	12000	GEO_{ENVE}	Combination	Min	21	-449	-0.477	-52	-1	-454
Base	B395	106	12300	GEO_{ENVE}	Combination	Min	21	-442	-0.4797	-52	-1	-320
Base	B395	106	12600	GEO_{ENVE}	Combination	Min	21	-435	-0.4824	-52	-1	-189

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B395	106	12600	GEO$_{ENVE}$	Combination	Min	28	-158	-0.2586	-51	-1	-132
Base	B395	106	12960	GEO$_{ENVE}$	Combination	Min	28	-150	-0.2618	-51	-0.4124	-77
Base	B395	106	12960	GEO$_{ENVE}$	Combination	Min	33	-68	-0.06059	-50	-0.4112	1
Base	B395	106	13200	GEO$_{ENVE}$	Combination	Min	33	-63	-0.06275	-50	-0.4021	17
Base	B395	106	13200	GEO$_{ENVE}$	Combination	Min	39	-209	-0.4155	-50	-0.192	41
Base	B395	106	13500	GEO$_{ENVE}$	Combination	Min	39	-202	-0.4182	-50	-0.1133	102
Base	B395	106	13800	GEO$_{ENVE}$	Combination	Min	39	-196	-0.4209	-50	-0.1761	162
Base	B395	106	13800	GEO$_{ENVE}$	Combination	Min	28	-51	-0.1164	-50	-0.426	188
Base	B395	106	14040	GEO$_{ENVE}$	Combination	Min	28	-45	-0.1186	-50	-0.45	199
Base	B395	106	14040	GEO$_{ENVE}$	Combination	Min	27	-65	-0.481	-49	-0.4363	211
Base	B395	106	14400	GEO$_{ENVE}$	Combination	Min	27	-57	-0.4842	-49	-1	184
Base	B395	106	14400	GEO$_{ENVE}$	Combination	Min	-37	-150	-1	-49	-1	156
Base	B395	106	14700	GEO$_{ENVE}$	Combination	Min	-37	-143	-1	-49	-1	103
Base	B395	106	15000	GEO$_{ENVE}$	Combination	Min	-37	-137	-1	-49	-2	49
Base	B395	106	15000	GEO$_{ENVE}$	Combination	Min	-122	-11	0	-50	-2	50
Base	B395	106	15120	GEO$_{ENVE}$	Combination	Min	-122	-9	0	-50	-2	49
Base	B395	106	15120	GEO$_{ENVE}$	Combination	Min	-151	-73	-2	-50	-2	13
Base	B395	106	15600	GEO$_{ENVE}$	Combination	Min	-151	-62	-2	-50	-2	-42
Base	B395	106	15600	GEO$_{ENVE}$	Combination	Min	-237	-4	-4	-51	-2	-63
Base	B395	106	15900	GEO$_{ENVE}$	Combination	Min	-237	3	-4	-51	-3	-108
Base	B395	106	16200	GEO$_{ENVE}$	Combination	Min	-237	10	-4	-51	-4	-155
Base	B396	108	0	GEO$_{ENVE}$	Combination	Max	673	132	10	55	8	24
Base	B396	108	289.29	GEO$_{ENVE}$	Combination	Max	673	139	10	55	6	240
Base	B396	108	578.57	GEO$_{ENVE}$	Combination	Max	673	147	10	55	3	493
Base	B396	108	578.57	GEO$_{ENVE}$	Combination	Max	523	-20	7	52	2	505
Base	B396	108	1050	GEO$_{ENVE}$	Combination	Max	523	-8	7	52	5	581
Base	B396	108	1050	GEO$_{ENVE}$	Combination	Max	518	-1	0.1396	52	3	613
Base	B396	108	1157.14	GEO$_{ENVE}$	Combination	Max	518	2	0.1385	52	3	615
Base	B396	108	1157.14	GEO$_{ENVE}$	Combination	Max	379	47	2	50	3	594
Base	B396	108	1446.43	GEO$_{ENVE}$	Combination	Max	379	55	2	50	4	579
Base	B396	108	1735.71	GEO$_{ENVE}$	Combination	Max	379	62	2	50	4	562
Base	B396	108	1735.71	GEO$_{ENVE}$	Combination	Max	230	59	1	50	5	540
Base	B396	108	2100	GEO$_{ENVE}$	Combination	Max	230	68	1	50	5	517
Base	B396	108	2100	GEO$_{ENVE}$	Combination	Max	221	36	0.2727	56	3	489
Base	B396	108	2314.29	GEO$_{ENVE}$	Combination	Max	221	42	0.2705	56	3	481
Base	B396	108	2314.29	GEO$_{ENVE}$	Combination	Max	101	120	2	57	2	459
Base	B396	108	2603.57	GEO$_{ENVE}$	Combination	Max	101	128	2	57	2	423
Base	B396	108	2892.86	GEO$_{ENVE}$	Combination	Max	101	135	2	57	1	385
Base	B396	108	2892.86	GEO$_{ENVE}$	Combination	Max	231	40	0.273	59	1	368
Base	B396	108	3150	GEO$_{ENVE}$	Combination	Max	231	46	0.2704	59	1	357
Base	B396	108	3150	GEO$_{ENVE}$	Combination	Max	246	72	0.1586	71	4	327
Base	B396	108	3471.43	GEO$_{ENVE}$	Combination	Max	246	80	0.1553	71	4	302
Base	B396	108	3471.43	GEO$_{ENVE}$	Combination	Max	390	192	1	72	4	279
Base	B396	108	3760.71	GEO$_{ENVE}$	Combination	Max	390	200	1	72	4	223
Base	B396	108	4050	GEO$_{ENVE}$	Combination	Max	390	207	1	72	4	164
Base	B396	108	4050	GEO$_{ENVE}$	Combination	Max	522	104	0.1207	75	5	137

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B396	108	4275	GEO_{ENVE}	Combination	Max	522	110	0.1184	75	5	114
Base	B396	108	4275	GEO_{ENVE}	Combination	Max	565	217	2	87	4	49
Base	B396	108	4628.57	GEO_{ENVE}	Combination	Max	565	226	2	87	4	38
Base	B396	108	4628.57	GEO_{ENVE}	Combination	Max	707	728	6	91	2	39
Base	B396	108	4917.86	GEO_{ENVE}	Combination	Max	707	735	6	91	4	52
Base	B396	108	5207.14	GEO_{ENVE}	Combination	Max	707	743	6	91	7	63
Base	B396	108	5207.14	GEO_{ENVE}	Combination	Max	753	214	1	81	11	80
Base	B396	108	5400	GEO_{ENVE}	Combination	Max	753	219	1	81	11	84
Base	B396	108	5400	GEO_{ENVE}	Combination	Max	917	25	5	64	12	55
Base	B396	108	5785.71	GEO_{ENVE}	Combination	Max	917	35	5	64	10	56
Base	B396	108	5785.71	GEO_{ENVE}	Combination	Max	793	-11	11	58	3	68
Base	B396	108	6075	GEO_{ENVE}	Combination	Max	793	-4	11	58	1	76
Base	B396	108	6364.29	GEO_{ENVE}	Combination	Max	793	4	11	58	4	81
Base	B396	108	6364.29	GEO_{ENVE}	Combination	Max	609	-4	0.4091	65	7	93
Base	B396	108	6480	GEO_{ENVE}	Combination	Max	609	-1	0.4079	65	7	93
Base	B396	108	6480	GEO_{ENVE}	Combination	Max	567	6	1	80	6	92
Base	B396	108	6942.86	GEO_{ENVE}	Combination	Max	567	18	1	80	6	127
Base	B396	108	6942.86	GEO_{ENVE}	Combination	Max	372	-3	0.462	81	6	144
Base	B396	108	7232.14	GEO_{ENVE}	Combination	Max	372	4	0.459	81	6	177
Base	B396	108	7521.43	GEO_{ENVE}	Combination	Max	372	12	0.456	81	5	214
Base	B396	108	7521.43	GEO_{ENVE}	Combination	Max	179	-1	0	93	5	211
Base	B396	108	7560	GEO_{ENVE}	Combination	Max	179	0.3935	0	93	5	211
Base	B396	108	7560	GEO_{ENVE}	Combination	Max	157	26	2	116	1	215
Base	B396	108	7830	GEO_{ENVE}	Combination	Max	157	33	2	116	0.3485	225
Base	B396	108	8100	GEO_{ENVE}	Combination	Max	157	40	2	116	-0.05215	234
Base	B396	108	8100	GEO_{ENVE}	Combination	Max	165	29	1	117	0	231
Base	B396	108	8370	GEO_{ENVE}	Combination	Max	165	36	1	117	0.4266	231
Base	B396	108	8640	GEO_{ENVE}	Combination	Max	165	43	1	117	1	229
Base	B396	108	8640	GEO_{ENVE}	Combination	Max	184	0.4996	0	139	6	229
Base	B396	108	8678.57	GEO_{ENVE}	Combination	Max	184	1	0	139	6	229
Base	B396	108	8678.57	GEO_{ENVE}	Combination	Max	364	124	-0.12	151	6	222
Base	B396	108	8967.86	GEO_{ENVE}	Combination	Max	364	131	-0.1229	151	6	190
Base	B396	108	9257.14	GEO_{ENVE}	Combination	Max	364	139	-0.1259	151	6	157
Base	B396	108	9257.14	GEO_{ENVE}	Combination	Max	542	204	-0.1299	150	6	135
Base	B396	108	9720	GEO_{ENVE}	Combination	Max	542	216	-0.1346	150	6	86
Base	B396	108	9720	GEO_{ENVE}	Combination	Max	573	31	0.4372	150	8	75
Base	B396	108	9835.71	GEO_{ENVE}	Combination	Max	573	34	0.436	150	8	74
Base	B396	108	9835.71	GEO_{ENVE}	Combination	Max	739	603	11	158	5	61
Base	B396	108	10125	GEO_{ENVE}	Combination	Max	739	610	11	158	2	46
Base	B396	108	10414.29	GEO_{ENVE}	Combination	Max	739	618	11	158	3	43
Base	B396	108	10414.29	GEO_{ENVE}	Combination	Max	866	607	4	128	10	44
Base	B396	108	10800	GEO_{ENVE}	Combination	Max	866	617	4	128	13	51
Base	B396	108	10800	GEO_{ENVE}	Combination	Max	181	9	1	10	2	75
Base	B396	108	10992.86	GEO_{ENVE}	Combination	Max	181	14	1	10	2	73
Base	B396	108	10992.86	GEO_{ENVE}	Combination	Max	76	25	1	-6	0.3773	70
Base	B396	108	11475	GEO_{ENVE}	Combination	Max	76	37	1	-6	1	137

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B396	108	11475	GEO_{ENVE}	Combination	Max	31	4	0	12	1	205
Base	B396	108	11571.43	GEO_{ENVE}	Combination	Max	31	6	0	12	1	208
Base	B396	108	11571.43	GEO_{ENVE}	Combination	Max	132	10	1	20	0.1516	215
Base	B396	108	11860.71	GEO_{ENVE}	Combination	Max	132	18	1	20	0.3103	253
Base	B396	108	12150	GEO_{ENVE}	Combination	Max	132	25	1	20	1	289
Base	B396	108	12150	GEO_{ENVE}	Combination	Max	0	295	0	43	0	300
Base	B396	108	12600	GEO_{ENVE}	Combination	Max	0	307	0	43	0	215
Base	B396	108	13050	GEO_{ENVE}	Combination	Max	0	318	0	43	0	366
Base	B396	108	13050	GEO_{ENVE}	Combination	Max	534	57	5	64	5	362
Base	B396	108	13312.5	GEO_{ENVE}	Combination	Max	534	64	5	64	4	402
Base	B396	108	13575	GEO_{ENVE}	Combination	Max	534	70	5	64	3	441
Base	B396	108	13575	GEO_{ENVE}	Combination	Max	387	65	4	63	1	439
Base	B396	108	13837.5	GEO_{ENVE}	Combination	Max	387	72	4	63	2	448
Base	B396	108	14100	GEO_{ENVE}	Combination	Max	387	79	4	63	2	461
Base	B396	108	14100	GEO_{ENVE}	Combination	Max	161	81	2	77	1	458
Base	B396	108	14362.5	GEO_{ENVE}	Combination	Max	161	88	2	77	1	469
Base	B396	108	14625	GEO_{ENVE}	Combination	Max	161	95	2	77	1	479
Base	B396	108	14625	GEO_{ENVE}	Combination	Max	81	28	1	76	2	481
Base	B396	108	14887.5	GEO_{ENVE}	Combination	Max	81	35	1	76	2	475
Base	B396	108	15150	GEO_{ENVE}	Combination	Max	81	41	1	76	2	468
Base	B396	108	15150	GEO_{ENVE}	Combination	Max	258	271	3	77	4	470
Base	B396	108	15412.5	GEO_{ENVE}	Combination	Max	258	278	3	77	3	403
Base	B396	108	15675	GEO_{ENVE}	Combination	Max	258	284	3	77	2	334
Base	B396	108	15675	GEO_{ENVE}	Combination	Max	394	843	5	76	4	302
Base	B396	108	15937.5	GEO_{ENVE}	Combination	Max	394	850	5	76	6	196
Base	B396	108	16200	GEO_{ENVE}	Combination	Max	394	856	5	76	8	212
Base	B396	108	0	GEO_{ENVE}	Combination	Min	-1007	-883	-12	-150	-10	-20
Base	B396	108	289.29	GEO_{ENVE}	Combination	Min	-1007	-875	-12	-150	-6	-42
Base	B396	108	578.57	GEO_{ENVE}	Combination	Min	-1007	-868	-12	-150	-3	-70
Base	B396	108	578.57	GEO_{ENVE}	Combination	Min	-677	-167	-7	-145	-1	-65
Base	B396	108	1050	GEO_{ENVE}	Combination	Min	-677	-155	-7	-145	-4	-57
Base	B396	108	1050	GEO_{ENVE}	Combination	Min	-654	-18	-0.1112	-130	-3	-55
Base	B396	108	1157.14	GEO_{ENVE}	Combination	Min	-654	-15	-0.1123	-130	-3	-55
Base	B396	108	1157.14	GEO_{ENVE}	Combination	Min	-379	-55	-2	-122	-3	-56
Base	B396	108	1446.43	GEO_{ENVE}	Combination	Min	-379	-47	-2	-122	-4	-41
Base	B396	108	1735.71	GEO_{ENVE}	Combination	Min	-379	-40	-2	-122	-5	-30
Base	B396	108	1735.71	GEO_{ENVE}	Combination	Min	-143	-40	-1	-116	-5	-23
Base	B396	108	2100	GEO_{ENVE}	Combination	Min	-143	-30	-1	-116	-6	-11
Base	B396	108	2100	GEO_{ENVE}	Combination	Min	-128	-10	-0.1253	-96	-3	-5
Base	B396	108	2314.29	GEO_{ENVE}	Combination	Min	-128	-5	-0.1275	-96	-3	-5
Base	B396	108	2314.29	GEO_{ENVE}	Combination	Min	34	-39	-1	-89	-3	0.1963
Base	B396	108	2603.57	GEO_{ENVE}	Combination	Min	34	-31	-1	-89	-3	6
Base	B396	108	2892.86	GEO_{ENVE}	Combination	Min	34	-24	-1	-89	-2	10
Base	B396	108	2892.86	GEO_{ENVE}	Combination	Min	-88	-16	-0.3576	-82	-2	20
Base	B396	108	3150	GEO_{ENVE}	Combination	Min	-88	-10	-0.3602	-82	-2	22
Base	B396	108	3150	GEO_{ENVE}	Combination	Min	-112	-2	-0.1175	-57	-6	22

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B396	108	3471.43	GEO$_{ENVE}$	Combination	Min	-112	6	-0.1208	-57	-6	19
Base	B396	108	3471.43	GEO$_{ENVE}$	Combination	Min	-283	-16	-1	-51	-6	24
Base	B396	108	3760.71	GEO$_{ENVE}$	Combination	Min	-283	-9	-1	-51	-6	25
Base	B396	108	4050	GEO$_{ENVE}$	Combination	Min	-283	-1	-1	-51	-5	22
Base	B396	108	4050	GEO$_{ENVE}$	Combination	Min	-468	-12	-0.2447	-46	-6	32
Base	B396	108	4275	GEO$_{ENVE}$	Combination	Min	-468	-6	-0.247	-46	-6	28
Base	B396	108	4275	GEO$_{ENVE}$	Combination	Min	-524	1	-3	-29	-5	1
Base	B396	108	4628.57	GEO$_{ENVE}$	Combination	Min	-524	10	-3	-29	-4	-66
Base	B396	108	4628.57	GEO$_{ENVE}$	Combination	Min	-725	-48	-9	-19	-2	-114
Base	B396	108	4917.86	GEO$_{ENVE}$	Combination	Min	-725	-40	-9	-19	-2	-326
Base	B396	108	5207.14	GEO$_{ENVE}$	Combination	Min	-725	-33	-9	-19	-4	-539
Base	B396	108	5207.14	GEO$_{ENVE}$	Combination	Min	-792	-23	-1	-52	-6	-687
Base	B396	108	5400	GEO$_{ENVE}$	Combination	Min	-792	-18	-1	-52	-7	-729
Base	B396	108	5400	GEO$_{ENVE}$	Combination	Min	-1001	-590	-3	-172	-8	-718
Base	B396	108	5785.71	GEO$_{ENVE}$	Combination	Min	-1001	-580	-3	-172	-7	-493
Base	B396	108	5785.71	GEO$_{ENVE}$	Combination	Min	-839	-598	-9	-197	-1	-395
Base	B396	108	6075	GEO$_{ENVE}$	Combination	Min	-839	-591	-9	-197	-0.4467	-237
Base	B396	108	6364.29	GEO$_{ENVE}$	Combination	Min	-839	-583	-9	-197	-3	-80
Base	B396	108	6364.29	GEO$_{ENVE}$	Combination	Min	-595	-34	-0.3489	-187	-7	-77
Base	B396	108	6480	GEO$_{ENVE}$	Combination	Min	-595	-31	-0.3501	-187	-7	-73
Base	B396	108	6480	GEO$_{ENVE}$	Combination	Min	-535	-218	0.2407	-184	-6	-23
Base	B396	108	6942.86	GEO$_{ENVE}$	Combination	Min	-535	-206	0.2359	-184	-7	30
Base	B396	108	6942.86	GEO$_{ENVE}$	Combination	Min	-292	-157	0.1122	-184	-7	31
Base	B396	108	7232.14	GEO$_{ENVE}$	Combination	Min	-292	-150	0.1093	-184	-7	45
Base	B396	108	7521.43	GEO$_{ENVE}$	Combination	Min	-292	-143	0.1063	-184	-7	51
Base	B396	108	7521.43	GEO$_{ENVE}$	Combination	Min	-80	-2	0	-171	-7	54
Base	B396	108	7560	GEO$_{ENVE}$	Combination	Min	-80	-1	0	-171	-7	54
Base	B396	108	7560	GEO$_{ENVE}$	Combination	Min	-47	-54	-1	-148	-3	55
Base	B396	108	7830	GEO$_{ENVE}$	Combination	Min	-47	-47	-1	-148	-2	52
Base	B396	108	8100	GEO$_{ENVE}$	Combination	Min	-47	-40	-1	-148	-2	46
Base	B396	108	8100	GEO$_{ENVE}$	Combination	Min	-65	-32	-2	-146	-2	49
Base	B396	108	8370	GEO$_{ENVE}$	Combination	Min	-65	-25	-2	-146	-2	49
Base	B396	108	8640	GEO$_{ENVE}$	Combination	Min	-65	-18	-2	-146	-3	47
Base	B396	108	8640	GEO$_{ENVE}$	Combination	Min	-95	-0.2793	0	-123	-7	46
Base	B396	108	8678.57	GEO$_{ENVE}$	Combination	Min	-95	1	0	-123	-7	46
Base	B396	108	8678.57	GEO$_{ENVE}$	Combination	Min	-312	5	-0.3722	-111	-7	49
Base	B396	108	8967.86	GEO$_{ENVE}$	Combination	Min	-312	12	-0.3751	-111	-7	41
Base	B396	108	9257.14	GEO$_{ENVE}$	Combination	Min	-312	20	-0.3781	-111	-7	30
Base	B396	108	9257.14	GEO$_{ENVE}$	Combination	Min	-560	-11	-1	-110	-6	33
Base	B396	108	9720	GEO$_{ENVE}$	Combination	Min	-560	1	-1	-110	-6	-14
Base	B396	108	9720	GEO$_{ENVE}$	Combination	Min	-610	2	-0.4432	-87	-8	-56
Base	B396	108	9835.71	GEO$_{ENVE}$	Combination	Min	-610	5	-0.4444	-87	-8	-59
Base	B396	108	9835.71	GEO$_{ENVE}$	Combination	Min	-860	2	-11	-79	-4	-61
Base	B396	108	10125	GEO$_{ENVE}$	Combination	Min	-860	10	-11	-79	-1	-225
Base	B396	108	10414.29	GEO$_{ENVE}$	Combination	Min	-860	17	-11	-79	-2	-402
Base	B396	108	10414.29	GEO$_{ENVE}$	Combination	Min	-1049	-23	-6	-73	-8	-509

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B396	108	10800	GEO$_{ENVE}$	Combination	Min	-1049	-13	-6	-73	-10	-745
Base	B396	108	10800	GEO$_{ENVE}$	Combination	Min	-179	-222	-0.2387	-42	-1	-805
Base	B396	108	10992.86	GEO$_{ENVE}$	Combination	Min	-179	-218	-0.2407	-42	-1	-764
Base	B396	108	10992.86	GEO$_{ENVE}$	Combination	Min	-79	-614	-1	-65	-0.4737	-586
Base	B396	108	11475	GEO$_{ENVE}$	Combination	Min	-79	-602	-1	-65	-1	-373
Base	B396	108	11475	GEO$_{ENVE}$	Combination	Min	-36	-54	0	-80	-2	-296
Base	B396	108	11571.43	GEO$_{ENVE}$	Combination	Min	-36	-51	0	-80	-2	-295
Base	B396	108	11571.43	GEO$_{ENVE}$	Combination	Min	-129	-381	-2	-86	-0.3987	-302
Base	B396	108	11860.71	GEO$_{ENVE}$	Combination	Min	-129	-373	-2	-86	-0.2832	-238
Base	B396	108	12150	GEO$_{ENVE}$	Combination	Min	-129	-366	-2	-86	-0.4652	-177
Base	B396	108	12150	GEO$_{ENVE}$	Combination	Min	0	-532	0	-64	0	-176
Base	B396	108	12600	GEO$_{ENVE}$	Combination	Min	0	-520	0	-64	0	25
Base	B396	108	13050	GEO$_{ENVE}$	Combination	Min	0	-509	0	-64	0	-30
Base	B396	108	13050	GEO$_{ENVE}$	Combination	Min	-404	-157	-1	-33	-2	-33
Base	B396	108	13312.5	GEO$_{ENVE}$	Combination	Min	-404	-150	-1	-33	-1	-48
Base	B396	108	13575	GEO$_{ENVE}$	Combination	Min	-404	-143	-1	-33	-1	-66
Base	B396	108	13575	GEO$_{ENVE}$	Combination	Min	-259	-170	-1	-34	-2	-59
Base	B396	108	13837.5	GEO$_{ENVE}$	Combination	Min	-259	-163	-1	-34	-3	-43
Base	B396	108	14100	GEO$_{ENVE}$	Combination	Min	-259	-157	-1	-34	-4	-28
Base	B396	108	14100	GEO$_{ENVE}$	Combination	Min	-71	-132	-1	-8	-3	-26
Base	B396	108	14362.5	GEO$_{ENVE}$	Combination	Min	-71	-125	-1	-8	-3	-32
Base	B396	108	14625	GEO$_{ENVE}$	Combination	Min	-71	-118	-1	-8	-3	-40
Base	B396	108	14625	GEO$_{ENVE}$	Combination	Min	-64	-45	-1	-8	-4	-39
Base	B396	108	14887.5	GEO$_{ENVE}$	Combination	Min	-64	-39	-1	-8	-4	-37
Base	B396	108	15150	GEO$_{ENVE}$	Combination	Min	-64	-32	-1	-8	-4	-37
Base	B396	108	15150	GEO$_{ENVE}$	Combination	Min	-376	-77	-4	5	-5	-35
Base	B396	108	15412.5	GEO$_{ENVE}$	Combination	Min	-376	-70	-4	5	-4	-19
Base	B396	108	15675	GEO$_{ENVE}$	Combination	Min	-376	-64	-4	5	-3	-5
Base	B396	108	15675	GEO$_{ENVE}$	Combination	Min	-643	-205	-7	5	-2	7
Base	B396	108	15937.5	GEO$_{ENVE}$	Combination	Min	-643	-199	-7	5	-3	-8
Base	B396	108	16200	GEO$_{ENVE}$	Combination	Min	-643	-192	-7	5	-4	-212
Base	B397	109	0	GEO$_{ENVE}$	Combination	Max	100	87	14	112	9	140
Base	B397	109	300	GEO$_{ENVE}$	Combination	Max	100	95	14	112	5	266
Base	B397	109	600	GEO$_{ENVE}$	Combination	Max	100	102	14	112	1	429
Base	B397	109	600	GEO$_{ENVE}$	Combination	Max	139	6	5	109	-1	443
Base	B397	109	1080	GEO$_{ENVE}$	Combination	Max	139	18	5	109	1	496
Base	B397	109	1080	GEO$_{ENVE}$	Combination	Max	153	2	0.2334	101	2	518
Base	B397	109	1200	GEO$_{ENVE}$	Combination	Max	153	5	0.2322	101	2	520
Base	B397	109	1200	GEO$_{ENVE}$	Combination	Max	195	105	1	100	3	513
Base	B397	109	1500	GEO$_{ENVE}$	Combination	Max	195	113	1	100	3	497
Base	B397	109	1800	GEO$_{ENVE}$	Combination	Max	195	120	1	100	4	480
Base	B397	109	1800	GEO$_{ENVE}$	Combination	Max	190	84	0.2432	98	5	472
Base	B397	109	2160	GEO$_{ENVE}$	Combination	Max	190	93	0.2395	98	5	456
Base	B397	109	2160	GEO$_{ENVE}$	Combination	Max	195	60	-0.1282	87	4	440
Base	B397	109	2400	GEO$_{ENVE}$	Combination	Max	195	66	-0.1307	87	4	438
Base	B397	109	2400	GEO$_{ENVE}$	Combination	Max	155	216	1	85	4	437

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B397	109	2700	GEO_{ENVE}	Combination	Max	155	224	1	85	4	448
Base	B397	109	3000	GEO_{ENVE}	Combination	Max	155	231	1	85	4	455
Base	B397	109	3000	GEO_{ENVE}	Combination	Max	110	95	1	80	3	482
Base	B397	109	3240	GEO_{ENVE}	Combination	Max	110	102	1	80	3	506
Base	B397	109	3240	GEO_{ENVE}	Combination	Max	115	185	0.1487	66	2	570
Base	B397	109	3600	GEO_{ENVE}	Combination	Max	115	194	0.145	66	2	625
Base	B397	109	3600	GEO_{ENVE}	Combination	Max	187	471	2	65	2	660
Base	B397	109	3900	GEO_{ENVE}	Combination	Max	187	479	2	65	2	776
Base	B397	109	4200	GEO_{ENVE}	Combination	Max	187	487	2	65	2	889
Base	B397	109	4200	GEO_{ENVE}	Combination	Max	274	71	0.1612	60	2	913
Base	B397	109	4320	GEO_{ENVE}	Combination	Max	274	75	0.1599	60	2	917
Base	B397	109	4320	GEO_{ENVE}	Combination	Max	289	561	3	46	2	988
Base	B397	109	4800	GEO_{ENVE}	Combination	Max	289	573	3	46	1	1114
Base	B397	109	4800	GEO_{ENVE}	Combination	Max	415	860	3	46	0.1216	1153
Base	B397	109	5100	GEO_{ENVE}	Combination	Max	415	868	3	46	-0.3538	1135
Base	B397	109	5400	GEO_{ENVE}	Combination	Max	415	876	3	46	-1	1133
Base	B397	109	5400	GEO_{ENVE}	Combination	Max	7	411	0.1667	222	0.3861	1279
Base	B397	109	5760	GEO_{ENVE}	Combination	Max	7	420	0.163	222	0.3414	1133
Base	B397	109	6120	GEO_{ENVE}	Combination	Max	7	430	0.1593	222	0.2981	995
Base	B397	109	6480	GEO_{ENVE}	Combination	Max	7	439	0.1556	222	0.3892	853
Base	B397	109	6480	GEO_{ENVE}	Combination	Max	1	481	0.2591	176	0.3787	852
Base	B397	109	6840	GEO_{ENVE}	Combination	Max	1	490	0.2554	176	0.3076	692
Base	B397	109	7200	GEO_{ENVE}	Combination	Max	1	500	0.2518	176	0.2379	529
Base	B397	109	7560	GEO_{ENVE}	Combination	Max	1	509	0.2481	176	0.1864	362
Base	B397	109	7560	GEO_{ENVE}	Combination	Max	2	552	0.3003	134	0.2626	361
Base	B397	109	7920	GEO_{ENVE}	Combination	Max	2	562	0.2966	134	0.1914	217
Base	B397	109	8280	GEO_{ENVE}	Combination	Max	2	571	0.2929	134	0.1971	218
Base	B397	109	8640	GEO_{ENVE}	Combination	Max	2	580	0.2892	134	0.2041	306
Base	B397	109	8640	GEO_{ENVE}	Combination	Max	3	624	0.1961	97	0.2143	306
Base	B397	109	9000	GEO_{ENVE}	Combination	Max	3	633	0.1924	97	0.233	457
Base	B397	109	9360	GEO_{ENVE}	Combination	Max	3	642	0.1887	97	0.253	604
Base	B397	109	9720	GEO_{ENVE}	Combination	Max	3	651	0.185	97	0.2772	748
Base	B397	109	9720	GEO_{ENVE}	Combination	Max	3	693	1	69	0.1033	747
Base	B397	109	10080	GEO_{ENVE}	Combination	Max	3	702	1	69	0.1134	874
Base	B397	109	10440	GEO_{ENVE}	Combination	Max	3	711	1	69	0.3138	997
Base	B397	109	10800	GEO_{ENVE}	Combination	Max	3	721	1	69	1	1117
Base	B397	109	10800	GEO_{ENVE}	Combination	Max	0	125	0	182	0	1020
Base	B397	109	11000	GEO_{ENVE}	Combination	Max	0	130	0	182	0	1002
Base	B397	109	11000	GEO_{ENVE}	Combination	Max	4	249	2	168	1	1005
Base	B397	109	11425	GEO_{ENVE}	Combination	Max	4	260	2	168	0.1847	907
Base	B397	109	11850	GEO_{ENVE}	Combination	Max	4	271	2	168	1	834
Base	B397	109	11850	GEO_{ENVE}	Combination	Max	3	290	1	153	0.3438	834
Base	B397	109	12275	GEO_{ENVE}	Combination	Max	3	300	1	153	0.1763	796
Base	B397	109	12700	GEO_{ENVE}	Combination	Max	3	311	1	153	1	753
Base	B397	109	12700	GEO_{ENVE}	Combination	Max	262	275	5	128	7	741
Base	B397	109	12991.67	GEO_{ENVE}	Combination	Max	262	283	5	128	5	675

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B397	109	13283.33	GEO$_{ENVE}$	Combination	Max	262	290	5	128	4	606
Base	B397	109	13283.33	GEO$_{ENVE}$	Combination	Max	198	247	3	125	1	590
Base	B397	109	13575	GEO$_{ENVE}$	Combination	Max	198	254	3	125	2	559
Base	B397	109	13866.67	GEO$_{ENVE}$	Combination	Max	198	262	3	125	3	540
Base	B397	109	13866.67	GEO$_{ENVE}$	Combination	Max	99	214	2	93	3	536
Base	B397	109	14158.33	GEO$_{ENVE}$	Combination	Max	99	222	2	93	4	509
Base	B397	109	14450	GEO$_{ENVE}$	Combination	Max	99	229	2	93	5	492
Base	B397	109	14450	GEO$_{ENVE}$	Combination	Max	77	182	1	92	6	490
Base	B397	109	14741.67	GEO$_{ENVE}$	Combination	Max	77	189	1	92	6	475
Base	B397	109	15033.33	GEO$_{ENVE}$	Combination	Max	77	197	1	92	7	457
Base	B397	109	15033.33	GEO$_{ENVE}$	Combination	Max	101	281	5	79	9	458
Base	B397	109	15325	GEO$_{ENVE}$	Combination	Max	101	289	5	79	7	382
Base	B397	109	15616.67	GEO$_{ENVE}$	Combination	Max	101	296	5	79	5	304
Base	B397	109	15616.67	GEO$_{ENVE}$	Combination	Max	91	740	20	78	3	278
Base	B397	109	15908.33	GEO$_{ENVE}$	Combination	Max	91	748	20	78	8	126
Base	B397	109	16200	GEO$_{ENVE}$	Combination	Max	91	755	20	78	12	87
Base	B397	109	0	GEO$_{ENVE}$	Combination	Min	-448	-688	-14	-21	-12	-80
Base	B397	109	300	GEO$_{ENVE}$	Combination	Min	-448	-680	-14	-21	-7	-30
Base	B397	109	600	GEO$_{ENVE}$	Combination	Min	-448	-672	-14	-21	-3	-16
Base	B397	109	600	GEO$_{ENVE}$	Combination	Min	-293	-136	-5	-20	-1	-22
Base	B397	109	1080	GEO$_{ENVE}$	Combination	Min	-293	-124	-5	-20	-4	-18
Base	B397	109	1080	GEO$_{ENVE}$	Combination	Min	-294	-17	-0.3548	-25	-3	-18
Base	B397	109	1200	GEO$_{ENVE}$	Combination	Min	-294	-14	-0.356	-25	-3	-18
Base	B397	109	1200	GEO$_{ENVE}$	Combination	Min	-178	-101	-2	-26	-3	-24
Base	B397	109	1500	GEO$_{ENVE}$	Combination	Min	-178	-94	-2	-26	-3	-11
Base	B397	109	1800	GEO$_{ENVE}$	Combination	Min	-178	-86	-2	-26	-4	-1
Base	B397	109	1800	GEO$_{ENVE}$	Combination	Min	-73	-87	-0.3414	-28	-4	1
Base	B397	109	2160	GEO$_{ENVE}$	Combination	Min	-73	-77	-0.3451	-28	-4	15
Base	B397	109	2160	GEO$_{ENVE}$	Combination	Min	-74	-40	-0.2407	-44	-2	14
Base	B397	109	2400	GEO$_{ENVE}$	Combination	Min	-74	-34	-0.2432	-44	-2	10
Base	B397	109	2400	GEO$_{ENVE}$	Combination	Min	17	-202	-1	-49	-1	-1
Base	B397	109	2700	GEO$_{ENVE}$	Combination	Min	17	-194	-1	-49	-1	-18
Base	B397	109	3000	GEO$_{ENVE}$	Combination	Min	17	-186	-1	-49	-1	-37
Base	B397	109	3000	GEO$_{ENVE}$	Combination	Min	57	-104	-0.3098	-57	-0.06585	-54
Base	B397	109	3240	GEO$_{ENVE}$	Combination	Min	57	-98	-0.3123	-57	0	-77
Base	B397	109	3240	GEO$_{ENVE}$	Combination	Min	46	-156	-0.07898	-80	1	-147
Base	B397	109	3600	GEO$_{ENVE}$	Combination	Min	46	-147	-0.08266	-80	1	-214
Base	B397	109	3600	GEO$_{ENVE}$	Combination	Min	-64	-390	-0.4165	-84	0.2598	-254
Base	B397	109	3900	GEO$_{ENVE}$	Combination	Min	-64	-382	-0.4195	-84	0	-390
Base	B397	109	4200	GEO$_{ENVE}$	Combination	Min	-64	-375	-0.4226	-84	-1	-528
Base	B397	109	4200	GEO$_{ENVE}$	Combination	Min	-237	-47	0	-97	-1	-542
Base	B397	109	4320	GEO$_{ENVE}$	Combination	Min	-237	-44	0	-97	-1	-549
Base	B397	109	4320	GEO$_{ENVE}$	Combination	Min	-273	-307	-1	-123	-2	-669
Base	B397	109	4800	GEO$_{ENVE}$	Combination	Min	-273	-295	-1	-123	-2	-909
Base	B397	109	4800	GEO$_{ENVE}$	Combination	Min	-531	-185	1	-126	-4	-980
Base	B397	109	5100	GEO$_{ENVE}$	Combination	Min	-531	-178	1	-126	-4	-1195

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B397	109	5400	GEO_{ENVE}	Combination	Min	-531	-170	1	-126	-5	-1456
Base	B397	109	5400	GEO_{ENVE}	Combination	Min	-7	-646	-0.4354	-81	-1	-1588
Base	B397	109	5760	GEO_{ENVE}	Combination	Min	-7	-637	-0.4391	-81	-0.39	-1361
Base	B397	109	6120	GEO_{ENVE}	Combination	Min	-7	-628	-0.4428	-81	-0.286	-1136
Base	B397	109	6480	GEO_{ENVE}	Combination	Min	-7	-619	-0.4465	-81	-0.2168	-916
Base	B397	109	6480	GEO_{ENVE}	Combination	Min	-1	-569	-0.1212	-113	-0.2536	-914
Base	B397	109	6840	GEO_{ENVE}	Combination	Min	-1	-560	-0.1249	-113	-0.222	-715
Base	B397	109	7200	GEO_{ENVE}	Combination	Min	-1	-550	-0.1286	-113	-0.189	-519
Base	B397	109	7560	GEO_{ENVE}	Combination	Min	-1	-541	-0.1323	-113	-0.1547	-326
Base	B397	109	7560	GEO_{ENVE}	Combination	Min	-2	-494	-0.192	-148	-0.272	-325
Base	B397	109	7920	GEO_{ENVE}	Combination	Min	-2	-485	-0.1957	-148	-0.2131	-184
Base	B397	109	8280	GEO_{ENVE}	Combination	Min	-2	-476	-0.1994	-148	-0.1628	-209
Base	B397	109	8640	GEO_{ENVE}	Combination	Min	-2	-467	-0.2031	-148	-0.1789	-340
Base	B397	109	8640	GEO_{ENVE}	Combination	Min	-3	-422	-0.1436	-183	-0.1978	-341
Base	B397	109	9000	GEO_{ENVE}	Combination	Min	-3	-413	-0.1473	-183	-0.2071	-563
Base	B397	109	9360	GEO_{ENVE}	Combination	Min	-3	-404	-0.1509	-183	-0.229	-787
Base	B397	109	9720	GEO_{ENVE}	Combination	Min	-3	-395	-0.1546	-183	-0.2704	-1019
Base	B397	109	9720	GEO_{ENVE}	Combination	Min	-4	-356	-1	-216	-0.08574	-1022
Base	B397	109	10080	GEO_{ENVE}	Combination	Min	-4	-347	-1	-216	-0.1671	-1273
Base	B397	109	10440	GEO_{ENVE}	Combination	Min	-4	-338	-1	-216	-0.4362	-1528
Base	B397	109	10800	GEO_{ENVE}	Combination	Min	-4	-329	-1	-216	-1	-1786
Base	B397	109	10800	GEO_{ENVE}	Combination	Min	0	-707	0	-188	0	-1683
Base	B397	109	11000	GEO_{ENVE}	Combination	Min	0	-702	0	-188	0	-1549
Base	B397	109	11000	GEO_{ENVE}	Combination	Min	-3	-808	-2	-195	-1	-1547
Base	B397	109	11425	GEO_{ENVE}	Combination	Min	-3	-797	-2	-195	-0.1769	-1230
Base	B397	109	11850	GEO_{ENVE}	Combination	Min	-3	-786	-2	-195	-1	-916
Base	B397	109	11850	GEO_{ENVE}	Combination	Min	-4	-766	-1	-202	-0.2682	-914
Base	B397	109	12275	GEO_{ENVE}	Combination	Min	-4	-755	-1	-202	-0.1853	-663
Base	B397	109	12700	GEO_{ENVE}	Combination	Min	-4	-744	-1	-202	-1	-444
Base	B397	109	12700	GEO_{ENVE}	Combination	Min	-188	-464	-8	-190	-10	-432
Base	B397	109	12991.67	GEO_{ENVE}	Combination	Min	-188	-457	-8	-190	-7	-317
Base	B397	109	13283.33	GEO_{ENVE}	Combination	Min	-188	-449	-8	-190	-5	-205
Base	B397	109	13283.33	GEO_{ENVE}	Combination	Min	-95	-298	-4	-185	-1	-192
Base	B397	109	13575	GEO_{ENVE}	Combination	Min	-95	-290	-4	-185	-1	-160
Base	B397	109	13866.67	GEO_{ENVE}	Combination	Min	-95	-283	-4	-185	-1	-130
Base	B397	109	13866.67	GEO_{ENVE}	Combination	Min	0.3926	-184	-3	-161	-2	-125
Base	B397	109	14158.33	GEO_{ENVE}	Combination	Min	0.3896	-176	-3	-161	-3	-106
Base	B397	109	14450	GEO_{ENVE}	Combination	Min	0.3867	-169	-3	-161	-3	-98
Base	B397	109	14450	GEO_{ENVE}	Combination	Min	-44	-113	-1	-159	-5	-95
Base	B397	109	14741.67	GEO_{ENVE}	Combination	Min	-44	-105	-1	-159	-5	-89
Base	B397	109	15033.33	GEO_{ENVE}	Combination	Min	-44	-98	-1	-159	-5	-97
Base	B397	109	15033.33	GEO_{ENVE}	Combination	Min	-191	-67	-5	-145	-6	-94
Base	B397	109	15325	GEO_{ENVE}	Combination	Min	-191	-59	-5	-145	-5	-88
Base	B397	109	15616.67	GEO_{ENVE}	Combination	Min	-191	-52	-5	-145	-4	-84
Base	B397	109	15616.67	GEO_{ENVE}	Combination	Min	-306	-194	-14	-142	-4	-75
Base	B397	109	15908.33	GEO_{ENVE}	Combination	Min	-306	-187	-14	-142	-10	-82

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B397	109	16200	GEO_{ENVE}	Combination	Min	-306	-179	-14	-142	-16	-203
Base	B398	346	0	GEO_{ENVE}	Combination	Max	0	13	0	70	0	221
Base	B398	346	490.91	GEO_{ENVE}	Combination	Max	0	21	0	70	0	214
Base	B398	346	981.82	GEO_{ENVE}	Combination	Max	0	28	0	70	0	203
Base	B398	346	1472.73	GEO_{ENVE}	Combination	Max	0	35	0	70	0	188
Base	B398	346	1963.64	GEO_{ENVE}	Combination	Max	0	43	0	70	0	170
Base	B398	346	2454.55	GEO_{ENVE}	Combination	Max	0	50	0	70	0	148
Base	B398	346	2945.45	GEO_{ENVE}	Combination	Max	0	57	0	70	0	127
Base	B398	346	3436.36	GEO_{ENVE}	Combination	Max	0	65	0	70	0	121
Base	B398	346	3927.27	GEO_{ENVE}	Combination	Max	0	72	0	70	0	155
Base	B398	346	4418.18	GEO_{ENVE}	Combination	Max	0	80	0	70	0	218
Base	B398	346	4909.09	GEO_{ENVE}	Combination	Max	0	87	0	70	0	286
Base	B398	346	5400	GEO_{ENVE}	Combination	Max	0	94	0	70	0	350
Base	B398	346	5400	GEO_{ENVE}	Combination	Max	0	99	0	43	0	237
Base	B398	346	5890.91	GEO_{ENVE}	Combination	Max	0	107	0	43	0	199
Base	B398	346	6381.82	GEO_{ENVE}	Combination	Max	0	114	0	43	0	156
Base	B398	346	6872.73	GEO_{ENVE}	Combination	Max	0	121	0	43	0	120
Base	B398	346	7363.64	GEO_{ENVE}	Combination	Max	0	129	0	43	0	89
Base	B398	346	7854.55	GEO_{ENVE}	Combination	Max	0	136	0	43	0	77
Base	B398	346	8345.45	GEO_{ENVE}	Combination	Max	0	143	0	43	0	70
Base	B398	346	8836.36	GEO_{ENVE}	Combination	Max	0	151	0	43	0	64
Base	B398	346	9327.27	GEO_{ENVE}	Combination	Max	0	158	0	43	0	61
Base	B398	346	9818.18	GEO_{ENVE}	Combination	Max	0	165	0	43	0	53
Base	B398	346	10309.09	GEO_{ENVE}	Combination	Max	0	173	0	43	0	42
Base	B398	346	10800	GEO_{ENVE}	Combination	Max	0	180	0	43	0	28
Base	B398	346	0	GEO_{ENVE}	Combination	Min	0	-209	0	-29	0	-616
Base	B398	346	490.91	GEO_{ENVE}	Combination	Min	0	-201	0	-29	0	-518
Base	B398	346	981.82	GEO_{ENVE}	Combination	Min	0	-194	0	-29	0	-423
Base	B398	346	1472.73	GEO_{ENVE}	Combination	Min	0	-187	0	-29	0	-332
Base	B398	346	1963.64	GEO_{ENVE}	Combination	Min	0	-179	0	-29	0	-245
Base	B398	346	2454.55	GEO_{ENVE}	Combination	Min	0	-172	0	-29	0	-161
Base	B398	346	2945.45	GEO_{ENVE}	Combination	Min	0	-164	0	-29	0	-89
Base	B398	346	3436.36	GEO_{ENVE}	Combination	Min	0	-157	0	-29	0	-36
Base	B398	346	3927.27	GEO_{ENVE}	Combination	Min	0	-150	0	-29	0	-34
Base	B398	346	4418.18	GEO_{ENVE}	Combination	Min	0	-142	0	-29	0	-54
Base	B398	346	4909.09	GEO_{ENVE}	Combination	Min	0	-135	0	-29	0	-94
Base	B398	346	5400	GEO_{ENVE}	Combination	Min	0	-128	0	-29	0	-138
Base	B398	346	5400	GEO_{ENVE}	Combination	Min	0	-47	0	-48	0	-25
Base	B398	346	5890.91	GEO_{ENVE}	Combination	Min	0	-40	0	-48	0	-14
Base	B398	346	6381.82	GEO_{ENVE}	Combination	Min	0	-33	0	-48	0	-6
Base	B398	346	6872.73	GEO_{ENVE}	Combination	Min	0	-25	0	-48	0	-3
Base	B398	346	7363.64	GEO_{ENVE}	Combination	Min	0	-18	0	-48	0	-22
Base	B398	346	7854.55	GEO_{ENVE}	Combination	Min	0	-11	0	-48	0	-69
Base	B398	346	8345.45	GEO_{ENVE}	Combination	Min	0	-3	0	-48	0	-130
Base	B398	346	8836.36	GEO_{ENVE}	Combination	Min	0	4	0	-48	0	-195
Base	B398	346	9327.27	GEO_{ENVE}	Combination	Min	0	11	0	-48	0	-271

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B398	346	9818.18	GEO_{ENVE}	Combination	Min	0	19	0	-48	0	-350
Base	B398	346	10309.09	GEO_{ENVE}	Combination	Min	0	26	0	-48	0	-433
Base	B398	346	10800	GEO_{ENVE}	Combination	Min	0	34	0	-48	0	-520
Base	B399	348	0	GEO_{ENVE}	Combination	Max	0	61	0	48	0	345
Base	B399	348	490.91	GEO_{ENVE}	Combination	Max	0	69	0	48	0	313
Base	B399	348	981.82	GEO_{ENVE}	Combination	Max	0	76	0	48	0	277
Base	B399	348	1472.73	GEO_{ENVE}	Combination	Max	0	83	0	48	0	238
Base	B399	348	1963.64	GEO_{ENVE}	Combination	Max	0	91	0	48	0	195
Base	B399	348	2454.55	GEO_{ENVE}	Combination	Max	0	98	0	48	0	149
Base	B399	348	2945.45	GEO_{ENVE}	Combination	Max	0	105	0	48	0	104
Base	B399	348	3436.36	GEO_{ENVE}	Combination	Max	0	113	0	48	0	86
Base	B399	348	3927.27	GEO_{ENVE}	Combination	Max	0	120	0	48	0	125
Base	B399	348	4418.18	GEO_{ENVE}	Combination	Max	0	128	0	48	0	188
Base	B399	348	4909.09	GEO_{ENVE}	Combination	Max	0	135	0	48	0	247
Base	B399	348	5400	GEO_{ENVE}	Combination	Max	0	142	0	48	0	302
Base	B399	348	5400	GEO_{ENVE}	Combination	Max	0	83	0	48	0	192
Base	B399	348	5890.91	GEO_{ENVE}	Combination	Max	0	91	0	48	0	157
Base	B399	348	6381.82	GEO_{ENVE}	Combination	Max	0	98	0	48	0	118
Base	B399	348	6872.73	GEO_{ENVE}	Combination	Max	0	105	0	48	0	76
Base	B399	348	7363.64	GEO_{ENVE}	Combination	Max	0	113	0	48	0	51
Base	B399	348	7854.55	GEO_{ENVE}	Combination	Max	0	120	0	48	0	61
Base	B399	348	8345.45	GEO_{ENVE}	Combination	Max	0	127	0	48	0	72
Base	B399	348	8836.36	GEO_{ENVE}	Combination	Max	0	135	0	48	0	85
Base	B399	348	9327.27	GEO_{ENVE}	Combination	Max	0	142	0	48	0	95
Base	B399	348	9818.18	GEO_{ENVE}	Combination	Max	0	150	0	48	0	101
Base	B399	348	10309.09	GEO_{ENVE}	Combination	Max	0	157	0	48	0	104
Base	B399	348	10800	GEO_{ENVE}	Combination	Max	0	164	0	48	0	102
Base	B399	348	0	GEO_{ENVE}	Combination	Min	0	-197	0	-56	0	-596
Base	B399	348	490.91	GEO_{ENVE}	Combination	Min	0	-190	0	-56	0	-501
Base	B399	348	981.82	GEO_{ENVE}	Combination	Min	0	-182	0	-56	0	-409
Base	B399	348	1472.73	GEO_{ENVE}	Combination	Min	0	-175	0	-56	0	-322
Base	B399	348	1963.64	GEO_{ENVE}	Combination	Min	0	-168	0	-56	0	-238
Base	B399	348	2454.55	GEO_{ENVE}	Combination	Min	0	-160	0	-56	0	-157
Base	B399	348	2945.45	GEO_{ENVE}	Combination	Min	0	-153	0	-56	0	-86
Base	B399	348	3436.36	GEO_{ENVE}	Combination	Min	0	-146	0	-56	0	-49
Base	B399	348	3927.27	GEO_{ENVE}	Combination	Min	0	-138	0	-56	0	-77
Base	B399	348	4418.18	GEO_{ENVE}	Combination	Min	0	-131	0	-56	0	-136
Base	B399	348	4909.09	GEO_{ENVE}	Combination	Min	0	-124	0	-56	0	-199
Base	B399	348	5400	GEO_{ENVE}	Combination	Min	0	-116	0	-56	0	-265
Base	B399	348	5400	GEO_{ENVE}	Combination	Min	0	-75	0	-50	0	-97
Base	B399	348	5890.91	GEO_{ENVE}	Combination	Min	0	-68	0	-50	0	-69
Base	B399	348	6381.82	GEO_{ENVE}	Combination	Min	0	-60	0	-50	0	-44
Base	B399	348	6872.73	GEO_{ENVE}	Combination	Min	0	-53	0	-50	0	-24
Base	B399	348	7363.64	GEO_{ENVE}	Combination	Min	0	-46	0	-50	0	-27
Base	B399	348	7854.55	GEO_{ENVE}	Combination	Min	0	-38	0	-50	0	-71
Base	B399	348	8345.45	GEO_{ENVE}	Combination	Min	0	-31	0	-50	0	-127

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B399	348	8836.36	GEO$_{ENVE}$	Combination	Min	0	-24	0	-50	0	-191
Base	B399	348	9327.27	GEO$_{ENVE}$	Combination	Min	0	-16	0	-50	0	-259
Base	B399	348	9818.18	GEO$_{ENVE}$	Combination	Min	0	-9	0	-50	0	-331
Base	B399	348	10309.09	GEO$_{ENVE}$	Combination	Min	0	-1	0	-50	0	-406
Base	B399	348	10800	GEO$_{ENVE}$	Combination	Min	0	6	0	-50	0	-485
Base	B400	349	0	GEO$_{ENVE}$	Combination	Max	-177	-72	30	119	24	8
Base	B400	349	300	GEO$_{ENVE}$	Combination	Max	-177	-68	30	119	15	108
Base	B400	349	600	GEO$_{ENVE}$	Combination	Max	-177	-63	30	119	6	209
Base	B400	349	600	GEO$_{ENVE}$	Combination	Max	-49	17	14	78	5	201
Base	B400	349	900	GEO$_{ENVE}$	Combination	Max	-49	22	14	78	1	195
Base	B400	349	1200	GEO$_{ENVE}$	Combination	Max	-49	26	14	78	3	188
Base	B400	349	1200	GEO$_{ENVE}$	Combination	Max	65	76	7	46	3	181
Base	B400	349	1500	GEO$_{ENVE}$	Combination	Max	65	81	7	46	5	158
Base	B400	349	1800	GEO$_{ENVE}$	Combination	Max	65	85	7	46	6	133
Base	B400	349	1800	GEO$_{ENVE}$	Combination	Max	111	64	2	18	7	128
Base	B400	349	2100	GEO$_{ENVE}$	Combination	Max	111	69	2	18	7	108
Base	B400	349	2400	GEO$_{ENVE}$	Combination	Max	111	73	2	18	8	87
Base	B400	349	2400	GEO$_{ENVE}$	Combination	Max	106	49	1	6	8	86
Base	B400	349	2700	GEO$_{ENVE}$	Combination	Max	106	54	1	6	7	71
Base	B400	349	3000	GEO$_{ENVE}$	Combination	Max	106	58	1	6	7	61
Base	B400	349	3000	GEO$_{ENVE}$	Combination	Max	136	63	4	25	7	60
Base	B400	349	3300	GEO$_{ENVE}$	Combination	Max	136	67	4	25	6	90
Base	B400	349	3600	GEO$_{ENVE}$	Combination	Max	136	72	4	25	5	119
Base	B400	349	3600	GEO$_{ENVE}$	Combination	Max	171	131	6	44	4	120
Base	B400	349	3900	GEO$_{ENVE}$	Combination	Max	171	135	6	44	3	172
Base	B400	349	4200	GEO$_{ENVE}$	Combination	Max	171	140	6	44	1	223
Base	B400	349	4200	GEO$_{ENVE}$	Combination	Max	135	282	10	65	0.4026	230
Base	B400	349	4500	GEO$_{ENVE}$	Combination	Max	135	287	10	65	3	305
Base	B400	349	4800	GEO$_{ENVE}$	Combination	Max	135	291	10	65	6	377
Base	B400	349	4800	GEO$_{ENVE}$	Combination	Max	-10	462	17	89	7	392
Base	B400	349	5100	GEO$_{ENVE}$	Combination	Max	-10	467	17	89	13	426
Base	B400	349	5400	GEO$_{ENVE}$	Combination	Max	-10	471	17	89	18	459
Base	B400	349	5400	GEO$_{ENVE}$	Combination	Max	0	194	0	60	0	571
Base	B400	349	5890.91	GEO$_{ENVE}$	Combination	Max	0	202	0	60	0	474
Base	B400	349	6381.82	GEO$_{ENVE}$	Combination	Max	0	209	0	60	0	373
Base	B400	349	6872.73	GEO$_{ENVE}$	Combination	Max	0	216	0	60	0	269
Base	B400	349	7363.64	GEO$_{ENVE}$	Combination	Max	0	224	0	60	0	161
Base	B400	349	7854.55	GEO$_{ENVE}$	Combination	Max	0	231	0	60	0	50
Base	B400	349	8345.45	GEO$_{ENVE}$	Combination	Max	0	238	0	60	0	33
Base	B400	349	8836.36	GEO$_{ENVE}$	Combination	Max	0	246	0	60	0	121
Base	B400	349	9327.27	GEO$_{ENVE}$	Combination	Max	0	253	0	60	0	207
Base	B400	349	9818.18	GEO$_{ENVE}$	Combination	Max	0	261	0	60	0	289
Base	B400	349	10309.09	GEO$_{ENVE}$	Combination	Max	0	268	0	60	0	368
Base	B400	349	10800	GEO$_{ENVE}$	Combination	Max	0	275	0	60	0	443
Base	B400	349	10800	GEO$_{ENVE}$	Combination	Max	46	61	36	120	33	368
Base	B400	349	11100	GEO$_{ENVE}$	Combination	Max	46	66	36	120	22	349

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B400	349	11400	GEO_{ENVE}	Combination	Max	46	70	36	120	11	329
Base	B400	349	11400	GEO_{ENVE}	Combination	Max	143	192	20	73	10	317
Base	B400	349	11700	GEO_{ENVE}	Combination	Max	143	196	20	73	4	259
Base	B400	349	12000	GEO_{ENVE}	Combination	Max	143	201	20	73	2	199
Base	B400	349	12000	GEO_{ENVE}	Combination	Max	171	138	12	35	2	194
Base	B400	349	12300	GEO_{ENVE}	Combination	Max	171	142	12	35	5	152
Base	B400	349	12600	GEO_{ENVE}	Combination	Max	171	147	12	35	9	108
Base	B400	349	12600	GEO_{ENVE}	Combination	Max	136	79	6	14	9	107
Base	B400	349	12900	GEO_{ENVE}	Combination	Max	136	84	6	14	10	83
Base	B400	349	13200	GEO_{ENVE}	Combination	Max	136	88	6	14	12	60
Base	B400	349	13200	GEO_{ENVE}	Combination	Max	120	38	1	42	12	61
Base	B400	349	13500	GEO_{ENVE}	Combination	Max	120	43	1	42	12	83
Base	B400	349	13800	GEO_{ENVE}	Combination	Max	120	47	1	42	13	106
Base	B400	349	13800	GEO_{ENVE}	Combination	Max	114	14	4	74	12	108
Base	B400	349	14100	GEO_{ENVE}	Combination	Max	114	18	4	74	11	137
Base	B400	349	14400	GEO_{ENVE}	Combination	Max	114	23	4	74	10	164
Base	B400	349	14400	GEO_{ENVE}	Combination	Max	52	2	10	109	10	169
Base	B400	349	14700	GEO_{ENVE}	Combination	Max	52	7	10	109	7	197
Base	B400	349	15000	GEO_{ENVE}	Combination	Max	52	11	10	109	4	225
Base	B400	349	15000	GEO_{ENVE}	Combination	Max	-81	17	19	151	3	234
Base	B400	349	15300	GEO_{ENVE}	Combination	Max	-81	21	19	151	3	229
Base	B400	349	15600	GEO_{ENVE}	Combination	Max	-81	26	19	151	9	222
Base	B400	349	15600	GEO_{ENVE}	Combination	Max	-238	529	39	204	10	230
Base	B400	349	15900	GEO_{ENVE}	Combination	Max	-238	533	39	204	23	71
Base	B400	349	16200	GEO_{ENVE}	Combination	Max	-238	538	39	204	36	-27
Base	B400	349	0	GEO_{ENVE}	Combination	Min	-252	-342	-26	-108	-21	-34
Base	B400	349	300	GEO_{ENVE}	Combination	Min	-252	-337	-26	-108	-13	-7
Base	B400	349	600	GEO_{ENVE}	Combination	Min	-252	-333	-26	-108	-5	18
Base	B400	349	600	GEO_{ENVE}	Combination	Min	-167	-21	-12	-71	-4	15
Base	B400	349	900	GEO_{ENVE}	Combination	Min	-167	-16	-12	-71	-1	19
Base	B400	349	1200	GEO_{ENVE}	Combination	Min	-167	-12	-12	-71	-3	22
Base	B400	349	1200	GEO_{ENVE}	Combination	Min	-82	-13	-6	-43	-3	18
Base	B400	349	1500	GEO_{ENVE}	Combination	Min	-82	-8	-6	-43	-5	21
Base	B400	349	1800	GEO_{ENVE}	Combination	Min	-82	-4	-6	-43	-7	23
Base	B400	349	1800	GEO_{ENVE}	Combination	Min	-4	-27	-2	-25	-7	20
Base	B400	349	2100	GEO_{ENVE}	Combination	Min	-4	-22	-2	-25	-8	27
Base	B400	349	2400	GEO_{ENVE}	Combination	Min	-4	-18	-2	-25	-9	33
Base	B400	349	2400	GEO_{ENVE}	Combination	Min	73	-55	-1	-11	-9	30
Base	B400	349	2700	GEO_{ENVE}	Combination	Min	73	-50	-1	-11	-8	46
Base	B400	349	3000	GEO_{ENVE}	Combination	Min	73	-46	-1	-11	-8	53
Base	B400	349	3000	GEO_{ENVE}	Combination	Min	73	-103	-4	-30	-8	53
Base	B400	349	3300	GEO_{ENVE}	Combination	Min	73	-99	-4	-30	-7	34
Base	B400	349	3600	GEO_{ENVE}	Combination	Min	73	-94	-4	-30	-5	13
Base	B400	349	3600	GEO_{ENVE}	Combination	Min	18	-176	-7	-54	-5	13
Base	B400	349	3900	GEO_{ENVE}	Combination	Min	18	-171	-7	-54	-3	-27
Base	B400	349	4200	GEO_{ENVE}	Combination	Min	18	-167	-7	-54	-1	-68

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B400	349	4200	GEO_{ENVE}	Combination	Min	-33	-250	-11	-79	-1	-71
Base	B400	349	4500	GEO_{ENVE}	Combination	Min	-33	-245	-11	-79	-2	-156
Base	B400	349	4800	GEO_{ENVE}	Combination	Min	-33	-241	-11	-79	-5	-243
Base	B400	349	4800	GEO_{ENVE}	Combination	Min	-104	-117	-20	-107	-6	-252
Base	B400	349	5100	GEO_{ENVE}	Combination	Min	-104	-113	-20	-107	-11	-392
Base	B400	349	5400	GEO_{ENVE}	Combination	Min	-104	-108	-20	-107	-16	-533
Base	B400	349	5400	GEO_{ENVE}	Combination	Min	0	-230	0	-74	0	-583
Base	B400	349	5890.91	GEO_{ENVE}	Combination	Min	0	-223	0	-74	0	-471
Base	B400	349	6381.82	GEO_{ENVE}	Combination	Min	0	-216	0	-74	0	-364
Base	B400	349	6872.73	GEO_{ENVE}	Combination	Min	0	-208	0	-74	0	-260
Base	B400	349	7363.64	GEO_{ENVE}	Combination	Min	0	-201	0	-74	0	-159
Base	B400	349	7854.55	GEO_{ENVE}	Combination	Min	0	-194	0	-74	0	-62
Base	B400	349	8345.45	GEO_{ENVE}	Combination	Min	0	-186	0	-74	0	-66
Base	B400	349	8836.36	GEO_{ENVE}	Combination	Min	0	-179	0	-74	0	-185
Base	B400	349	9327.27	GEO_{ENVE}	Combination	Min	0	-172	0	-74	0	-307
Base	B400	349	9818.18	GEO_{ENVE}	Combination	Min	0	-164	0	-74	0	-433
Base	B400	349	10309.09	GEO_{ENVE}	Combination	Min	0	-157	0	-74	0	-563
Base	B400	349	10800	GEO_{ENVE}	Combination	Min	0	-150	0	-74	0	-696
Base	B400	349	10800	GEO_{ENVE}	Combination	Min	-47	-486	-32	-96	-29	-614
Base	B400	349	11100	GEO_{ENVE}	Combination	Min	-47	-481	-32	-96	-19	-469
Base	B400	349	11400	GEO_{ENVE}	Combination	Min	-47	-477	-32	-96	-10	-325
Base	B400	349	11400	GEO_{ENVE}	Combination	Min	7	-340	-18	-55	-9	-312
Base	B400	349	11700	GEO_{ENVE}	Combination	Min	7	-336	-18	-55	-4	-211
Base	B400	349	12000	GEO_{ENVE}	Combination	Min	7	-331	-18	-55	-2	-110
Base	B400	349	12000	GEO_{ENVE}	Combination	Min	39	-179	-11	-22	-3	-106
Base	B400	349	12300	GEO_{ENVE}	Combination	Min	39	-175	-11	-22	-6	-53
Base	B400	349	12600	GEO_{ENVE}	Combination	Min	39	-170	-11	-22	-10	-1
Base	B400	349	12600	GEO_{ENVE}	Combination	Min	86	-101	-5	-3	-10	-0.4739
Base	B400	349	12900	GEO_{ENVE}	Combination	Min	86	-97	-5	-3	-12	29
Base	B400	349	13200	GEO_{ENVE}	Combination	Min	86	-92	-5	-3	-14	54
Base	B400	349	13200	GEO_{ENVE}	Combination	Min	70	-84	-1	-36	-14	55
Base	B400	349	13500	GEO_{ENVE}	Combination	Min	70	-79	-1	-36	-14	44
Base	B400	349	13800	GEO_{ENVE}	Combination	Min	70	-75	-1	-36	-14	31
Base	B400	349	13800	GEO_{ENVE}	Combination	Min	-6	-97	-5	-72	-14	34
Base	B400	349	14100	GEO_{ENVE}	Combination	Min	-6	-93	-5	-72	-13	29
Base	B400	349	14400	GEO_{ENVE}	Combination	Min	-6	-88	-5	-72	-11	23
Base	B400	349	14400	GEO_{ENVE}	Combination	Min	-88	-97	-11	-110	-11	26
Base	B400	349	14700	GEO_{ENVE}	Combination	Min	-88	-93	-11	-110	-7	25
Base	B400	349	15000	GEO_{ENVE}	Combination	Min	-88	-88	-11	-110	-4	22
Base	B400	349	15000	GEO_{ENVE}	Combination	Min	-177	7	-21	-156	-3	26
Base	B400	349	15300	GEO_{ENVE}	Combination	Min	-177	11	-21	-156	-2	22
Base	B400	349	15600	GEO_{ENVE}	Combination	Min	-177	16	-21	-156	-8	17
Base	B400	349	15600	GEO_{ENVE}	Combination	Min	-369	84	-43	-213	-9	20
Base	B400	349	15900	GEO_{ENVE}	Combination	Min	-369	89	-43	-213	-21	-6
Base	B400	349	16200	GEO_{ENVE}	Combination	Min	-369	93	-43	-213	-33	-90
Base	B401	354	0	GEO_{ENVE}	Combination	Max	0	162	0	36	0	919

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B401	354	490.91	GEO_{ENVE}	Combination	Max	0	172	0	36	0	837
Base	B401	354	981.82	GEO_{ENVE}	Combination	Max	0	181	0	36	0	750
Base	B401	354	1472.73	GEO_{ENVE}	Combination	Max	0	191	0	36	0	659
Base	B401	354	1963.64	GEO_{ENVE}	Combination	Max	0	200	0	36	0	563
Base	B401	354	2454.55	GEO_{ENVE}	Combination	Max	0	210	0	36	0	463
Base	B401	354	2945.45	GEO_{ENVE}	Combination	Max	0	219	0	36	0	357
Base	B401	354	3436.36	GEO_{ENVE}	Combination	Max	0	229	0	36	0	247
Base	B401	354	3927.27	GEO_{ENVE}	Combination	Max	0	239	0	36	0	151
Base	B401	354	4418.18	GEO_{ENVE}	Combination	Max	0	248	0	36	0	79
Base	B401	354	4909.09	GEO_{ENVE}	Combination	Max	0	258	0	36	0	117
Base	B401	354	5400	GEO_{ENVE}	Combination	Max	0	267	0	36	0	187
Base	B401	354	5400	GEO_{ENVE}	Combination	Max	0	180	0	6	0	161
Base	B401	354	5890.91	GEO_{ENVE}	Combination	Max	0	190	0	6	0	105
Base	B401	354	6381.82	GEO_{ENVE}	Combination	Max	0	199	0	6	0	117
Base	B401	354	6872.73	GEO_{ENVE}	Combination	Max	0	209	0	6	0	165
Base	B401	354	7363.64	GEO_{ENVE}	Combination	Max	0	218	0	6	0	268
Base	B401	354	7854.55	GEO_{ENVE}	Combination	Max	0	228	0	6	0	374
Base	B401	354	8345.45	GEO_{ENVE}	Combination	Max	0	238	0	6	0	475
Base	B401	354	8836.36	GEO_{ENVE}	Combination	Max	0	247	0	6	0	572
Base	B401	354	9327.27	GEO_{ENVE}	Combination	Max	0	257	0	6	0	664
Base	B401	354	9818.18	GEO_{ENVE}	Combination	Max	0	266	0	6	0	751
Base	B401	354	10309.09	GEO_{ENVE}	Combination	Max	0	276	0	6	0	834
Base	B401	354	10800	GEO_{ENVE}	Combination	Max	0	285	0	6	0	911
Base	B401	354	0	GEO_{ENVE}	Combination	Min	0	-277	0	-1	0	-1097
Base	B401	354	490.91	GEO_{ENVE}	Combination	Min	0	-268	0	-1	0	-963
Base	B401	354	981.82	GEO_{ENVE}	Combination	Min	0	-258	0	-1	0	-834
Base	B401	354	1472.73	GEO_{ENVE}	Combination	Min	0	-248	0	-1	0	-710
Base	B401	354	1963.64	GEO_{ENVE}	Combination	Min	0	-239	0	-1	0	-590
Base	B401	354	2454.55	GEO_{ENVE}	Combination	Min	0	-229	0	-1	0	-476
Base	B401	354	2945.45	GEO_{ENVE}	Combination	Min	0	-220	0	-1	0	-365
Base	B401	354	3436.36	GEO_{ENVE}	Combination	Min	0	-210	0	-1	0	-260
Base	B401	354	3927.27	GEO_{ENVE}	Combination	Min	0	-201	0	-1	0	-182
Base	B401	354	4418.18	GEO_{ENVE}	Combination	Min	0	-191	0	-1	0	-126
Base	B401	354	4909.09	GEO_{ENVE}	Combination	Min	0	-181	0	-1	0	-180
Base	B401	354	5400	GEO_{ENVE}	Combination	Min	0	-172	0	-1	0	-283
Base	B401	354	5400	GEO_{ENVE}	Combination	Min	0	-259	0	-69	0	-273
Base	B401	354	5890.91	GEO_{ENVE}	Combination	Min	0	-250	0	-69	0	-176
Base	B401	354	6381.82	GEO_{ENVE}	Combination	Min	0	-240	0	-69	0	-147
Base	B401	354	6872.73	GEO_{ENVE}	Combination	Min	0	-230	0	-69	0	-188
Base	B401	354	7363.64	GEO_{ENVE}	Combination	Min	0	-221	0	-69	0	-292
Base	B401	354	7854.55	GEO_{ENVE}	Combination	Min	0	-211	0	-69	0	-400
Base	B401	354	8345.45	GEO_{ENVE}	Combination	Min	0	-202	0	-69	0	-514
Base	B401	354	8836.36	GEO_{ENVE}	Combination	Min	0	-192	0	-69	0	-632
Base	B401	354	9327.27	GEO_{ENVE}	Combination	Min	0	-183	0	-69	0	-755
Base	B401	354	9818.18	GEO_{ENVE}	Combination	Min	0	-173	0	-69	0	-882
Base	B401	354	10309.09	GEO_{ENVE}	Combination	Min	0	-163	0	-69	0	-1014

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B401	354	10800	GEO_{ENVE}	Combination	Min	0	-154	0	-69	0	-1151
Base	B402	359	0	GEO_{ENVE}	Combination	Max	0	-47	0	35	0	34
Base	B402	359	490.91	GEO_{ENVE}	Combination	Max	0	-40	0	35	0	55
Base	B402	359	981.82	GEO_{ENVE}	Combination	Max	0	-32	0	35	0	73
Base	B402	359	1472.73	GEO_{ENVE}	Combination	Max	0	-25	0	35	0	87
Base	B402	359	1963.64	GEO_{ENVE}	Combination	Max	0	-18	0	35	0	97
Base	B402	359	2454.55	GEO_{ENVE}	Combination	Max	0	-10	0	35	0	104
Base	B402	359	2945.45	GEO_{ENVE}	Combination	Max	0	-3	0	35	0	109
Base	B402	359	3436.36	GEO_{ENVE}	Combination	Max	0	4	0	35	0	110
Base	B402	359	3927.27	GEO_{ENVE}	Combination	Max	0	12	0	35	0	108
Base	B402	359	4418.18	GEO_{ENVE}	Combination	Max	0	19	0	35	0	128
Base	B402	359	4909.09	GEO_{ENVE}	Combination	Max	0	27	0	35	0	169
Base	B402	359	5400	GEO_{ENVE}	Combination	Max	0	34	0	35	0	207
Base	B402	359	5400	GEO_{ENVE}	Combination	Max	0	121	0	21	0	276
Base	B402	359	5890.91	GEO_{ENVE}	Combination	Max	0	128	0	21	0	215
Base	B402	359	6381.82	GEO_{ENVE}	Combination	Max	0	135	0	21	0	151
Base	B402	359	6872.73	GEO_{ENVE}	Combination	Max	0	143	0	21	0	93
Base	B402	359	7363.64	GEO_{ENVE}	Combination	Max	0	150	0	21	0	96
Base	B402	359	7854.55	GEO_{ENVE}	Combination	Max	0	158	0	21	0	95
Base	B402	359	8345.45	GEO_{ENVE}	Combination	Max	0	165	0	21	0	102
Base	B402	359	8836.36	GEO_{ENVE}	Combination	Max	0	172	0	21	0	109
Base	B402	359	9327.27	GEO_{ENVE}	Combination	Max	0	180	0	21	0	113
Base	B402	359	9818.18	GEO_{ENVE}	Combination	Max	0	187	0	21	0	112
Base	B402	359	10309.09	GEO_{ENVE}	Combination	Max	0	194	0	21	0	108
Base	B402	359	10800	GEO_{ENVE}	Combination	Max	0	202	0	21	0	101
Base	B402	359	0	GEO_{ENVE}	Combination	Min	0	-155	0	-29	0	-450
Base	B402	359	490.91	GEO_{ENVE}	Combination	Min	0	-148	0	-29	0	-376
Base	B402	359	981.82	GEO_{ENVE}	Combination	Min	0	-141	0	-29	0	-306
Base	B402	359	1472.73	GEO_{ENVE}	Combination	Min	0	-133	0	-29	0	-240
Base	B402	359	1963.64	GEO_{ENVE}	Combination	Min	0	-126	0	-29	0	-178
Base	B402	359	2454.55	GEO_{ENVE}	Combination	Min	0	-119	0	-29	0	-119
Base	B402	359	2945.45	GEO_{ENVE}	Combination	Min	0	-111	0	-29	0	-64
Base	B402	359	3436.36	GEO_{ENVE}	Combination	Min	0	-104	0	-29	0	-13
Base	B402	359	3927.27	GEO_{ENVE}	Combination	Min	0	-96	0	-29	0	35
Base	B402	359	4418.18	GEO_{ENVE}	Combination	Min	0	-89	0	-29	0	67
Base	B402	359	4909.09	GEO_{ENVE}	Combination	Min	0	-82	0	-29	0	77
Base	B402	359	5400	GEO_{ENVE}	Combination	Min	0	-74	0	-29	0	69
Base	B402	359	5400	GEO_{ENVE}	Combination	Min	0	-62	0	-22	0	-15
Base	B402	359	5890.91	GEO_{ENVE}	Combination	Min	0	-55	0	-22	0	14
Base	B402	359	6381.82	GEO_{ENVE}	Combination	Min	0	-47	0	-22	0	38
Base	B402	359	6872.73	GEO_{ENVE}	Combination	Min	0	-40	0	-22	0	45
Base	B402	359	7363.64	GEO_{ENVE}	Combination	Min	0	-33	0	-22	0	4
Base	B402	359	7854.55	GEO_{ENVE}	Combination	Min	0	-25	0	-22	0	-65
Base	B402	359	8345.45	GEO_{ENVE}	Combination	Min	0	-18	0	-22	0	-144
Base	B402	359	8836.36	GEO_{ENVE}	Combination	Min	0	-10	0	-22	0	-227
Base	B402	359	9327.27	GEO_{ENVE}	Combination	Min	0	-3	0	-22	0	-313

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B402	359	9818.18	GEO_{ENVE}	Combination	Min	0	4	0	-22	0	-403
Base	B402	359	10309.09	GEO_{ENVE}	Combination	Min	0	12	0	-22	0	-497
Base	B402	359	10800	GEO_{ENVE}	Combination	Min	0	19	0	-22	0	-594
Base	B403	360	0	GEO_{ENVE}	Combination	Max	0	-69	0	31	0	135
Base	B403	360	400	GEO_{ENVE}	Combination	Max	0	-60	0	31	0	308
Base	B403	360	400	GEO_{ENVE}	Combination	Max	0	139	0	34	0	313
Base	B403	360	766.67	GEO_{ENVE}	Combination	Max	0	147	0	34	0	470
Base	B403	360	1133.33	GEO_{ENVE}	Combination	Max	0	155	0	34	0	654
Base	B403	360	1500	GEO_{ENVE}	Combination	Max	0	164	0	34	0	848
Base	B403	360	1500	GEO_{ENVE}	Combination	Max	431	59	6	51	6	839
Base	B403	360	1780	GEO_{ENVE}	Combination	Max	431	66	6	51	4	833
Base	B403	360	2060	GEO_{ENVE}	Combination	Max	431	72	6	51	2	825
Base	B403	360	2060	GEO_{ENVE}	Combination	Max	249	183	3	52	1	784
Base	B403	360	2433.33	GEO_{ENVE}	Combination	Max	249	191	3	52	1	714
Base	B403	360	2433.33	GEO_{ENVE}	Combination	Max	203	73	0.2492	60	1	636
Base	B403	360	2620	GEO_{ENVE}	Combination	Max	203	77	0.2509	60	1	622
Base	B403	360	2620	GEO_{ENVE}	Combination	Max	41	397	1	62	1	584
Base	B403	360	2900	GEO_{ENVE}	Combination	Max	41	403	1	62	0.4495	472
Base	B403	360	3180	GEO_{ENVE}	Combination	Max	41	410	1	62	0.2253	409
Base	B403	360	3180	GEO_{ENVE}	Combination	Max	146	81	0.07261	65	-0.05056	395
Base	B403	360	3366.67	GEO_{ENVE}	Combination	Max	146	86	0.07429	65	0	386
Base	B403	360	3366.67	GEO_{ENVE}	Combination	Max	171	242	0.3046	72	1	363
Base	B403	360	3740	GEO_{ENVE}	Combination	Max	171	250	0.308	72	1	388
Base	B403	360	3740	GEO_{ENVE}	Combination	Max	252	369	0.06371	73	2	424
Base	B403	360	4020	GEO_{ENVE}	Combination	Max	252	375	0.06623	73	3	409
Base	B403	360	4300	GEO_{ENVE}	Combination	Max	252	382	0.06875	73	4	394
Base	B403	360	4300	GEO_{ENVE}	Combination	Max	0	655	0	84	0	399
Base	B403	360	4750	GEO_{ENVE}	Combination	Max	0	665	0	84	0	186
Base	B403	360	5200	GEO_{ENVE}	Combination	Max	0	675	0	84	0	22
Base	B403	360	5200	GEO_{ENVE}	Combination	Max	0	619	0	85	0	21
Base	B403	360	5400	GEO_{ENVE}	Combination	Max	0	624	0	85	0	2
Base	B403	360	5400	GEO_{ENVE}	Combination	Max	39	-138	1	66	0.1612	21
Base	B403	360	5850	GEO_{ENVE}	Combination	Max	39	-128	1	66	0	160
Base	B403	360	5850	GEO_{ENVE}	Combination	Max	34	-85	-0.135	65	0	203
Base	B403	360	6300	GEO_{ENVE}	Combination	Max	34	-74	-0.1309	65	0.1531	316
Base	B403	360	6300	GEO_{ENVE}	Combination	Max	6	152	0.1303	68	0.1217	327
Base	B403	360	6641.67	GEO_{ENVE}	Combination	Max	6	159	0.1333	68	0.07669	274
Base	B403	360	6983.33	GEO_{ENVE}	Combination	Max	6	167	0.1364	68	0	218
Base	B403	360	7325	GEO_{ENVE}	Combination	Max	6	175	0.1395	68	0	167
Base	B403	360	7325	GEO_{ENVE}	Combination	Max	3	208	0.307	87	0.18	166
Base	B403	360	7666.67	GEO_{ENVE}	Combination	Max	3	215	0.3101	87	0.08474	131
Base	B403	360	8008.33	GEO_{ENVE}	Combination	Max	3	223	0.3132	87	0.1049	103
Base	B403	360	8350	GEO_{ENVE}	Combination	Max	3	231	0.3162	87	0.2135	103
Base	B403	360	8350	GEO_{ENVE}	Combination	Max	1	267	0.4416	109	0.07314	102
Base	B403	360	8691.67	GEO_{ENVE}	Combination	Max	1	275	0.4447	109	0.1509	136
Base	B403	360	9033.33	GEO_{ENVE}	Combination	Max	1	282	0.4478	109	0.315	173

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B403	360	9375	GEO ENVE	Combination	Max	1	290	0.4508	109	0.4849	208
Base	B403	360	9375	GEO ENVE	Combination	Max	6	314	0.4385	123	0	208
Base	B403	360	9716.67	GEO ENVE	Combination	Max	6	322	0.4416	123	0.08584	232
Base	B403	360	10058.33	GEO ENVE	Combination	Max	6	329	0.4446	123	0.2085	254
Base	B403	360	10400	GEO ENVE	Combination	Max	6	337	0.4477	123	0.3301	273
Base	B403	360	10400	GEO ENVE	Combination	Max	0	453	0	124	0	268
Base	B403	360	10800	GEO ENVE	Combination	Max	0	462	0	124	0	206
Base	B403	360	10800	GEO ENVE	Combination	Max	532	18	2	50	3	196
Base	B403	360	11097.7	GEO ENVE	Combination	Max	532	24	2	50	2	195
Base	B403	360	11395.4	GEO ENVE	Combination	Max	532	31	2	50	2	230
Base	B403	360	11395.4	GEO ENVE	Combination	Max	375	51	2	49	2	226
Base	B403	360	11693.1	GEO ENVE	Combination	Max	375	58	2	49	2	233
Base	B403	360	11990.8	GEO ENVE	Combination	Max	375	65	2	49	2	311
Base	B403	360	11990.8	GEO ENVE	Combination	Max	150	55	2	47	-0.2759	310
Base	B403	360	12288.49	GEO ENVE	Combination	Max	150	62	2	47	0.1065	348
Base	B403	360	12586.19	GEO ENVE	Combination	Max	150	68	2	47	1	402
Base	B403	360	12586.19	GEO ENVE	Combination	Max	113	20	2	46	2	408
Base	B403	360	12883.89	GEO ENVE	Combination	Max	113	26	2	46	3	423
Base	B403	360	13181.59	GEO ENVE	Combination	Max	113	33	2	46	3	436
Base	B403	360	13181.59	GEO ENVE	Combination	Max	309	114	5	44	6	435
Base	B403	360	13479.29	GEO ENVE	Combination	Max	309	121	5	44	4	400
Base	B403	360	13776.99	GEO ENVE	Combination	Max	309	128	5	44	3	363
Base	B403	360	13776.99	GEO ENVE	Combination	Max	467	375	7	42	3	346
Base	B403	360	14074.69	GEO ENVE	Combination	Max	467	381	7	42	6	233
Base	B403	360	14372.39	GEO ENVE	Combination	Max	467	388	7	42	9	121
Base	B403	360	0	GEO ENVE	Combination	Min	0	-647	0	-112	0	-520
Base	B403	360	400	GEO ENVE	Combination	Min	0	-638	0	-112	0	-429
Base	B403	360	400	GEO ENVE	Combination	Min	0	-549	0	-113	0	-425
Base	B403	360	766.67	GEO ENVE	Combination	Min	0	-540	0	-113	0	-447
Base	B403	360	1133.33	GEO ENVE	Combination	Min	0	-532	0	-113	0	-472
Base	B403	360	1500	GEO ENVE	Combination	Min	0	-524	0	-113	0	-528
Base	B403	360	1500	GEO ENVE	Combination	Min	-321	-255	-1	-103	-1	-515
Base	B403	360	1780	GEO ENVE	Combination	Min	-321	-249	-1	-103	-1	-457
Base	B403	360	2060	GEO ENVE	Combination	Min	-321	-242	-1	-103	-1	-400
Base	B403	360	2060	GEO ENVE	Combination	Min	-145	-263	-1	-103	-3	-342
Base	B403	360	2433.33	GEO ENVE	Combination	Min	-145	-255	-1	-103	-4	-249
Base	B403	360	2433.33	GEO ENVE	Combination	Min	-108	-91	-0.1037	-98	-4	-150
Base	B403	360	2620	GEO ENVE	Combination	Min	-108	-87	-0.102	-98	-4	-134
Base	B403	360	2620	GEO ENVE	Combination	Min	3	-427	-2	-97	-3	-94
Base	B403	360	2900	GEO ENVE	Combination	Min	3	-420	-2	-97	-3	25
Base	B403	360	3180	GEO ENVE	Combination	Min	3	-414	-2	-97	-2	116
Base	B403	360	3180	GEO ENVE	Combination	Min	-196	-75	-0.3427	-97	-2	134
Base	B403	360	3366.67	GEO ENVE	Combination	Min	-196	-71	-0.341	-97	-2	140
Base	B403	360	3366.67	GEO ENVE	Combination	Min	-241	-187	-1	-94	-2	130
Base	B403	360	3740	GEO ENVE	Combination	Min	-241	-178	-1	-94	-1	79
Base	B403	360	3740	GEO ENVE	Combination	Min	-448	-24	-4	-95	-0.3933	31

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B403	360	4020	GEO_{ENVE}	Combination	Min	-448	-18	-4	-95	-0.3848	-51
Base	B403	360	4300	GEO_{ENVE}	Combination	Min	-448	-11	-4	-95	-0.3769	-141
Base	B403	360	4300	GEO_{ENVE}	Combination	Min	0	131	0	-92	0	-153
Base	B403	360	4750	GEO_{ENVE}	Combination	Min	0	141	0	-92	0	-307
Base	B403	360	5200	GEO_{ENVE}	Combination	Min	0	151	0	-92	0	-499
Base	B403	360	5200	GEO_{ENVE}	Combination	Min	0	92	0	-92	0	-509
Base	B403	360	5400	GEO_{ENVE}	Combination	Min	0	97	0	-92	0	-634
Base	B403	360	5400	GEO_{ENVE}	Combination	Min	-34	-598	0.1253	-16	0	-614
Base	B403	360	5850	GEO_{ENVE}	Combination	Min	-34	-588	0.1294	-16	-0.1456	-449
Base	B403	360	5850	GEO_{ENVE}	Combination	Min	-39	-286	-1	-16	-0.1693	-438
Base	B403	360	6300	GEO_{ENVE}	Combination	Min	-39	-276	-1	-16	0	-390
Base	B403	360	6300	GEO_{ENVE}	Combination	Min	-5	-254	-0.2686	-11	-0.2245	-393
Base	B403	360	6641.67	GEO_{ENVE}	Combination	Min	-5	-246	-0.2656	-11	-0.1332	-308
Base	B403	360	6983.33	GEO_{ENVE}	Combination	Min	-5	-239	-0.2625	-11	0	-225
Base	B403	360	7325	GEO_{ENVE}	Combination	Min	-5	-231	-0.2594	-11	0	-145
Base	B403	360	7325	GEO_{ENVE}	Combination	Min	-2	-199	-0.381	7	-0.1723	-144
Base	B403	360	7666.67	GEO_{ENVE}	Combination	Min	-2	-191	-0.3779	7	-0.05816	-112
Base	B403	360	8008.33	GEO_{ENVE}	Combination	Min	-2	-183	-0.3749	7	-0.06129	-103
Base	B403	360	8350	GEO_{ENVE}	Combination	Min	-2	-176	-0.3718	7	-0.1404	-120
Base	B403	360	8350	GEO_{ENVE}	Combination	Min	-1	-139	-1	29	0	-121
Base	B403	360	8691.67	GEO_{ENVE}	Combination	Min	-1	-131	-1	29	-0.1152	-205
Base	B403	360	9033.33	GEO_{ENVE}	Combination	Min	-1	-124	-0.4989	29	-0.2421	-296
Base	B403	360	9375	GEO_{ENVE}	Combination	Min	-1	-116	-0.4958	29	-0.3956	-389
Base	B403	360	9375	GEO_{ENVE}	Combination	Min	-7	-91	-0.3636	43	0	-391
Base	B403	360	9716.67	GEO_{ENVE}	Combination	Min	-7	-83	-0.3605	43	-0.124	-496
Base	B403	360	10058.33	GEO_{ENVE}	Combination	Min	-7	-76	-0.3574	43	-0.266	-603
Base	B403	360	10400	GEO_{ENVE}	Combination	Min	-7	-68	-0.3543	43	-0.4137	-712
Base	B403	360	10400	GEO_{ENVE}	Combination	Min	0	19	0	45	0	-710
Base	B403	360	10800	GEO_{ENVE}	Combination	Min	0	28	0	45	0	-832
Base	B403	360	10800	GEO_{ENVE}	Combination	Min	-496	-930	-0.1342	-61	-0.3959	-827
Base	B403	360	11097.7	GEO_{ENVE}	Combination	Min	-496	-923	-0.1315	-61	-1	-551
Base	B403	360	11395.4	GEO_{ENVE}	Combination	Min	-496	-916	-0.1288	-61	-1	-314
Base	B403	360	11395.4	GEO_{ENVE}	Combination	Min	-306	-549	-1	-61	-2	-254
Base	B403	360	11693.1	GEO_{ENVE}	Combination	Min	-306	-543	-1	-61	-3	-120
Base	B403	360	11990.8	GEO_{ENVE}	Combination	Min	-306	-536	-1	-61	-3	-67
Base	B403	360	11990.8	GEO_{ENVE}	Combination	Min	-75	-240	-2	-47	-1	-51
Base	B403	360	12288.49	GEO_{ENVE}	Combination	Min	-75	-233	-2	-47	-1	-29
Base	B403	360	12586.19	GEO_{ENVE}	Combination	Min	-75	-226	-2	-47	-2	-29
Base	B403	360	12586.19	GEO_{ENVE}	Combination	Min	-67	-67	-2	-47	-4	-25
Base	B403	360	12883.89	GEO_{ENVE}	Combination	Min	-67	-60	-2	-47	-4	-26
Base	B403	360	13181.59	GEO_{ENVE}	Combination	Min	-67	-53	-2	-47	-5	-29
Base	B403	360	13181.59	GEO_{ENVE}	Combination	Min	-368	-1	-6	-29	-6	-24
Base	B403	360	13479.29	GEO_{ENVE}	Combination	Min	-368	6	-6	-29	-5	-25
Base	B403	360	13776.99	GEO_{ENVE}	Combination	Min	-368	12	-6	-29	-3	-27
Base	B403	360	13776.99	GEO_{ENVE}	Combination	Min	-625	-73	-10	-28	-2	-21
Base	B403	360	14074.69	GEO_{ENVE}	Combination	Min	-625	-66	-10	-28	-4	0.08229

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B403	360	14372.39	GEO_{ENVE}	Combination	Min	-625	-60	-10	-28	-6	19
Base	B404	403	0	GEO_{ENVE}	Combination	Max	10	-24	3	-2	2	171
Base	B404	403	360	GEO_{ENVE}	Combination	Max	10	-19	3	-2	1	187
Base	B404	403	720	GEO_{ENVE}	Combination	Max	10	-14	3	-2	0.28	210
Base	B404	403	1080	GEO_{ENVE}	Combination	Max	10	-9	3	-2	1	249
Base	B404	403	1080	GEO_{ENVE}	Combination	Max	3	40	1	-1	1	251
Base	B404	403	1440	GEO_{ENVE}	Combination	Max	3	45	1	-1	1	283
Base	B404	403	1800	GEO_{ENVE}	Combination	Max	3	50	1	-1	0.1382	322
Base	B404	403	2160	GEO_{ENVE}	Combination	Max	3	55	1	-1	0.4599	361
Base	B404	403	2160	GEO_{ENVE}	Combination	Max	4	134	0.1591	2	0.2837	362
Base	B404	403	2520	GEO_{ENVE}	Combination	Max	4	139	0.157	2	0.2348	371
Base	B404	403	2880	GEO_{ENVE}	Combination	Max	4	144	0.155	2	0.1866	378
Base	B404	403	3240	GEO_{ENVE}	Combination	Max	4	149	0.153	2	0.1391	383
Base	B404	403	3240	GEO_{ENVE}	Combination	Max	4	240	0.07867	7	0.08723	381
Base	B404	403	3600	GEO_{ENVE}	Combination	Max	4	245	0.07665	7	0.05927	352
Base	B404	403	3960	GEO_{ENVE}	Combination	Max	4	250	0.07462	7	0	321
Base	B404	403	4320	GEO_{ENVE}	Combination	Max	4	255	0.0726	7	0	288
Base	B404	403	4320	GEO_{ENVE}	Combination	Max	3	349	0.1512	13	0	285
Base	B404	403	4680	GEO_{ENVE}	Combination	Max	3	354	0.1492	13	0	217
Base	B404	403	5040	GEO_{ENVE}	Combination	Max	3	360	0.1472	13	0.138	147
Base	B404	403	5400	GEO_{ENVE}	Combination	Max	3	365	0.1452	13	0.2342	75
Base	B404	403	5400	GEO_{ENVE}	Combination	Max	1	-119	0.1338	16	0.0669	102
Base	B404	403	5760	GEO_{ENVE}	Combination	Max	1	-114	0.1318	16	0	151
Base	B404	403	6120	GEO_{ENVE}	Combination	Max	1	-109	0.1298	16	0	198
Base	B404	403	6480	GEO_{ENVE}	Combination	Max	1	-104	0.1278	16	0.06737	257
Base	B404	403	6480	GEO_{ENVE}	Combination	Max	0.4441	-4	0	17	0	256
Base	B404	403	6840	GEO_{ENVE}	Combination	Max	0.4421	1	0	17	0	303
Base	B404	403	7200	GEO_{ENVE}	Combination	Max	0.4401	6	0	17	0	348
Base	B404	403	7560	GEO_{ENVE}	Combination	Max	0.4381	11	0	17	0	391
Base	B404	403	7560	GEO_{ENVE}	Combination	Max	0.3576	110	0	17	0	391
Base	B404	403	7920	GEO_{ENVE}	Combination	Max	0.3556	115	0	17	0	398
Base	B404	403	8280	GEO_{ENVE}	Combination	Max	0.3535	120	0	17	0	422
Base	B404	403	8640	GEO_{ENVE}	Combination	Max	0.3515	125	0	17	0	452
Base	B404	403	8640	GEO_{ENVE}	Combination	Max	1	218	0	23	0	450
Base	B404	403	9000	GEO_{ENVE}	Combination	Max	1	223	0	23	0	446
Base	B404	403	9360	GEO_{ENVE}	Combination	Max	1	228	0	23	0	440
Base	B404	403	9720	GEO_{ENVE}	Combination	Max	1	233	0	23	0	431
Base	B404	403	9720	GEO_{ENVE}	Combination	Max	1	301	0	44	0	428
Base	B404	403	10080	GEO_{ENVE}	Combination	Max	1	306	0	44	0	395
Base	B404	403	10440	GEO_{ENVE}	Combination	Max	1	311	0	44	0	359
Base	B404	403	10800	GEO_{ENVE}	Combination	Max	1	317	0	44	0	322
Base	B404	403	10800	GEO_{ENVE}	Combination	Max	6	-83	1	-7	0.3284	340
Base	B404	403	11175	GEO_{ENVE}	Combination	Max	6	-78	1	-7	0.1042	370
Base	B404	403	11550	GEO_{ENVE}	Combination	Max	6	-72	1	-7	0.1339	398
Base	B404	403	11550	GEO_{ENVE}	Combination	Max	5	-35	0.1593	11	0	401
Base	B404	403	11925	GEO_{ENVE}	Combination	Max	5	-30	0.1572	11	0	413

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B404	403	12300	GEO_{ENVE}	Combination	Max	5	-25	0.1551	11	0.09551	423
Base	B404	403	12300	GEO_{ENVE}	Combination	Max	4	39	0.2293	22	0.114	426
Base	B404	403	12787.5	GEO_{ENVE}	Combination	Max	4	46	0.2266	22	0	405
Base	B404	403	13275	GEO_{ENVE}	Combination	Max	4	53	0.2238	22	0.1305	427
Base	B404	403	13275	GEO_{ENVE}	Combination	Max	2	134	0.2378	23	0.1741	425
Base	B404	403	13762.5	GEO_{ENVE}	Combination	Max	2	141	0.235	23	0.05883	411
Base	B404	403	14250	GEO_{ENVE}	Combination	Max	2	148	0.2323	23	0.08605	412
Base	B404	403	14250	GEO_{ENVE}	Combination	Max	2	226	1	18	0.2693	411
Base	B404	403	14737.5	GEO_{ENVE}	Combination	Max	2	233	1	18	0.3848	391
Base	B404	403	15225	GEO_{ENVE}	Combination	Max	2	240	1	18	1	368
Base	B404	403	15225	GEO_{ENVE}	Combination	Max	9	272	2	17	1	365
Base	B404	403	15712.5	GEO_{ENVE}	Combination	Max	9	279	2	17	0.2697	350
Base	B404	403	16200	GEO_{ENVE}	Combination	Max	9	286	2	17	2	351
Base	B404	403	0	GEO_{ENVE}	Combination	Min	-13	-180	-3	-19	-2	13
Base	B404	403	360	GEO_{ENVE}	Combination	Min	-13	-175	-3	-19	-1	72
Base	B404	403	720	GEO_{ENVE}	Combination	Min	-13	-170	-3	-19	-0.2865	116
Base	B404	403	1080	GEO_{ENVE}	Combination	Min	-13	-165	-3	-19	-1	150
Base	B404	403	1080	GEO_{ENVE}	Combination	Min	-3	-120	-2	-19	-1	152
Base	B404	403	1440	GEO_{ENVE}	Combination	Min	-3	-115	-2	-19	-1	147
Base	B404	403	1800	GEO_{ENVE}	Combination	Min	-3	-110	-2	-19	-0.178	137
Base	B404	403	2160	GEO_{ENVE}	Combination	Min	-3	-105	-2	-19	-0.3928	118
Base	B404	403	2160	GEO_{ENVE}	Combination	Min	-3	-27	-0.2435	-16	-0.3056	118
Base	B404	403	2520	GEO_{ENVE}	Combination	Min	-3	-21	-0.2456	-16	-0.2283	68
Base	B404	403	2880	GEO_{ENVE}	Combination	Min	-3	-16	-0.2476	-16	-0.1559	17
Base	B404	403	3240	GEO_{ENVE}	Combination	Min	-3	-11	-0.2496	-16	-0.08273	-35
Base	B404	403	3240	GEO_{ENVE}	Combination	Min	-2	78	-0.1166	-12	-0.1254	-38
Base	B404	403	3600	GEO_{ENVE}	Combination	Min	-2	83	-0.1187	-12	-0.08305	-126
Base	B404	403	3960	GEO_{ENVE}	Combination	Min	-2	88	-0.1207	-12	0	-215
Base	B404	403	4320	GEO_{ENVE}	Combination	Min	-2	93	-0.1227	-12	0	-306
Base	B404	403	4320	GEO_{ENVE}	Combination	Min	-2	186	-0.2621	-7	-0.06187	-311
Base	B404	403	4680	GEO_{ENVE}	Combination	Min	-2	191	-0.2641	-7	0	-437
Base	B404	403	5040	GEO_{ENVE}	Combination	Min	-2	196	-0.2661	-7	-0.09427	-566
Base	B404	403	5400	GEO_{ENVE}	Combination	Min	-2	202	-0.2682	-7	-0.1469	-696
Base	B404	403	5400	GEO_{ENVE}	Combination	Min	-1	-365	-0.09831	-22	0	-725
Base	B404	403	5760	GEO_{ENVE}	Combination	Min	-1	-359	-0.1003	-22	0	-603
Base	B404	403	6120	GEO_{ENVE}	Combination	Min	-1	-354	-0.1024	-22	0	-483
Base	B404	403	6480	GEO_{ENVE}	Combination	Min	-1	-349	-0.1044	-22	-0.07551	-365
Base	B404	403	6480	GEO_{ENVE}	Combination	Min	-0.3446	-250	0	-17	0	-365
Base	B404	403	6840	GEO_{ENVE}	Combination	Min	-0.3466	-245	0	-17	0	-291
Base	B404	403	7200	GEO_{ENVE}	Combination	Min	-0.3487	-240	0	-17	0	-255
Base	B404	403	7560	GEO_{ENVE}	Combination	Min	-0.3507	-235	-0.05037	-17	0	-220
Base	B404	403	7560	GEO_{ENVE}	Combination	Min	-0.2758	-138	0	-12	0	-219
Base	B404	403	7920	GEO_{ENVE}	Combination	Min	-0.2778	-133	0	-12	0	-225
Base	B404	403	8280	GEO_{ENVE}	Combination	Min	-0.2798	-128	0	-12	0	-240
Base	B404	403	8640	GEO_{ENVE}	Combination	Min	-0.2818	-123	0	-12	0	-264
Base	B404	403	8640	GEO_{ENVE}	Combination	Min	-1	-32	0	-3	0	-267

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B404	403	9000	GEO_{ENVE}	Combination	Min	-1	-27	0	-3	0	-330
Base	B404	403	9360	GEO_{ENVE}	Combination	Min	-1	-22	0	-3	0	-395
Base	B404	403	9720	GEO_{ENVE}	Combination	Min	-1	-17	-0.05149	-3	0	-462
Base	B404	403	9720	GEO_{ENVE}	Combination	Min	-1	49	0	17	0	-467
Base	B404	403	10080	GEO_{ENVE}	Combination	Min	-1	54	0	17	0	-560
Base	B404	403	10440	GEO_{ENVE}	Combination	Min	-1	59	-0.05063	17	0	-655
Base	B404	403	10800	GEO_{ENVE}	Combination	Min	-1	64	-0.05265	17	0	-752
Base	B404	403	10800	GEO_{ENVE}	Combination	Min	-5	-386	-1	-43	-0.3405	-760
Base	B404	403	11175	GEO_{ENVE}	Combination	Min	-5	-381	-1	-43	-0.1053	-616
Base	B404	403	11550	GEO_{ENVE}	Combination	Min	-5	-375	-1	-43	-0.1205	-474
Base	B404	403	11550	GEO_{ENVE}	Combination	Min	-4	-338	-0.1841	-26	0	-467
Base	B404	403	11925	GEO_{ENVE}	Combination	Min	-4	-332	-0.1862	-26	0	-342
Base	B404	403	12300	GEO_{ENVE}	Combination	Min	-4	-327	-0.1883	-26	-0.08284	-218
Base	B404	403	12300	GEO_{ENVE}	Combination	Min	-3	-264	-0.2571	-18	-0.1228	-212
Base	B404	403	12787.5	GEO_{ENVE}	Combination	Min	-3	-258	-0.2598	-18	0	-106
Base	B404	403	13275	GEO_{ENVE}	Combination	Min	-3	-251	-0.2626	-18	-0.1069	-19
Base	B404	403	13275	GEO_{ENVE}	Combination	Min	-1	-168	-0.2728	-19	-0.1826	-20
Base	B404	403	13762.5	GEO_{ENVE}	Combination	Min	-1	-161	-0.2755	-19	0	19
Base	B404	403	14250	GEO_{ENVE}	Combination	Min	-1	-154	-0.2782	-19	-0.05508	29
Base	B404	403	14250	GEO_{ENVE}	Combination	Min	-3	-75	-1	-25	-0.2627	28
Base	B404	403	14737.5	GEO_{ENVE}	Combination	Min	-3	-68	-1	-25	-0.3936	-20
Base	B404	403	15225	GEO_{ENVE}	Combination	Min	-3	-61	-1	-25	-1	-71
Base	B404	403	15225	GEO_{ENVE}	Combination	Min	-11	-26	-3	-26	-1	-75
Base	B404	403	15712.5	GEO_{ENVE}	Combination	Min	-11	-19	-3	-26	-0.2783	-198
Base	B404	403	16200	GEO_{ENVE}	Combination	Min	-11	-12	-3	-26	-1	-324
Base	B405	404	0	GEO_{ENVE}	Combination	Max	2	-146	0.1158	1	0.08274	-24
Base	B405	404	396.12	GEO_{ENVE}	Combination	Max	2	-141	0.118	1	0	33
Base	B405	404	792.24	GEO_{ENVE}	Combination	Max	2	-135	0.1202	1	0	87
Base	B405	404	1188.37	GEO_{ENVE}	Combination	Max	2	-129	0.1225	1	0.07294	140
Base	B405	404	1188.37	GEO_{ENVE}	Combination	Max	1	-66	0.1462	3	0.08266	141
Base	B405	404	1584.49	GEO_{ENVE}	Combination	Max	1	-61	0.1484	3	0	177
Base	B405	404	1980.61	GEO_{ENVE}	Combination	Max	1	-55	0.1506	3	0	234
Base	B405	404	2376.73	GEO_{ENVE}	Combination	Max	1	-49	0.1528	3	0.05133	294
Base	B405	404	2376.73	GEO_{ENVE}	Combination	Max	1	55	0.1949	7	0.07477	297
Base	B405	404	2772.85	GEO_{ENVE}	Combination	Max	1	61	0.1971	7	0	313
Base	B405	404	3168.97	GEO_{ENVE}	Combination	Max	1	66	0.1994	7	0.1166	328
Base	B405	404	3565.1	GEO_{ENVE}	Combination	Max	1	72	0.2016	7	0.2165	340
Base	B405	404	3565.1	GEO_{ENVE}	Combination	Max	3	140	1	11	0.2784	341
Base	B405	404	3961.22	GEO_{ENVE}	Combination	Max	3	146	1	11	0.07566	323
Base	B405	404	4357.34	GEO_{ENVE}	Combination	Max	3	151	1	11	0.1025	303
Base	B405	404	4753.46	GEO_{ENVE}	Combination	Max	3	157	1	11	0.2594	281
Base	B405	404	0	GEO_{ENVE}	Combination	Min	-2	-240	-0.146	-5	-0.09659	-170
Base	B405	404	396.12	GEO_{ENVE}	Combination	Min	-2	-235	-0.1438	-5	0	-76
Base	B405	404	792.24	GEO_{ENVE}	Combination	Min	-2	-229	-0.1415	-5	0	16
Base	B405	404	1188.37	GEO_{ENVE}	Combination	Min	-2	-224	-0.1393	-5	-0.05882	105
Base	B405	404	1188.37	GEO_{ENVE}	Combination	Min	-1	-165	-0.1007	-3	-0.07185	108

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B405	404	1584.49	GEO_{ENVE}	Combination	Min	-1	-159	-0.09845	-3	0	164
Base	B405	404	1980.61	GEO_{ENVE}	Combination	Min	-1	-154	-0.09622	-3	0	189
Base	B405	404	2376.73	GEO_{ENVE}	Combination	Min	-1	-148	-0.09399	-3	-0.09501	210
Base	B405	404	2376.73	GEO_{ENVE}	Combination	Min	-1	-45	-0.2576	1	-0.09306	212
Base	B405	404	2772.85	GEO_{ENVE}	Combination	Min	-1	-39	-0.2554	1	0	189
Base	B405	404	3168.97	GEO_{ENVE}	Combination	Min	-1	-34	-0.2532	1	-0.08852	164
Base	B405	404	3565.1	GEO_{ENVE}	Combination	Min	-1	-28	-0.2509	1	-0.1653	136
Base	B405	404	3565.1	GEO_{ENVE}	Combination	Min	-3	42	-0.4018	5	-0.2141	137
Base	B405	404	3961.22	GEO_{ENVE}	Combination	Min	-3	47	-0.3996	5	-0.05538	80
Base	B405	404	4357.34	GEO_{ENVE}	Combination	Min	-3	53	-0.3973	5	-0.128	21
Base	B405	404	4753.46	GEO_{ENVE}	Combination	Min	-3	59	-0.3951	5	-0.3325	-40
Base	B406	505	0	GEO_{ENVE}	Combination	Max	2	-155	3	35	3	45
Base	B406	505	360	GEO_{ENVE}	Combination	Max	2	-147	3	35	1	134
Base	B406	505	720	GEO_{ENVE}	Combination	Max	2	-139	3	35	0.176	230
Base	B406	505	1080	GEO_{ENVE}	Combination	Max	2	-131	3	35	1	325
Base	B406	505	1080	GEO_{ENVE}	Combination	Max	1	-93	0	38	1	326
Base	B406	505	1440	GEO_{ENVE}	Combination	Max	1	-84	0	38	1	404
Base	B406	505	1800	GEO_{ENVE}	Combination	Max	1	-76	0	38	1	480
Base	B406	505	2160	GEO_{ENVE}	Combination	Max	1	-68	0	38	1	553
Base	B406	505	2160	GEO_{ENVE}	Combination	Max	0.1838	6	0.4245	41	1	553
Base	B406	505	2520	GEO_{ENVE}	Combination	Max	0.1806	14	0.4212	41	0.4833	596
Base	B406	505	2880	GEO_{ENVE}	Combination	Max	0.1773	22	0.418	41	0.3323	636
Base	B406	505	3240	GEO_{ENVE}	Combination	Max	0.1741	30	0.4148	41	0.1824	673
Base	B406	505	3240	GEO_{ENVE}	Combination	Max	1	111	0.1402	43	0.3176	673
Base	B406	505	3600	GEO_{ENVE}	Combination	Max	1	119	0.1369	43	0.2821	678
Base	B406	505	3960	GEO_{ENVE}	Combination	Max	1	127	0.1337	43	0.2739	679
Base	B406	505	4320	GEO_{ENVE}	Combination	Max	1	135	0.1305	43	0.2899	678
Base	B406	505	4320	GEO_{ENVE}	Combination	Max	1	229	2	46	0.4367	675
Base	B406	505	4680	GEO_{ENVE}	Combination	Max	1	237	2	46	0.3876	636
Base	B406	505	5040	GEO_{ENVE}	Combination	Max	1	246	2	46	1	594
Base	B406	505	5400	GEO_{ENVE}	Combination	Max	1	254	2	46	1	549
Base	B406	505	5400	GEO_{ENVE}	Combination	Max	2	154	0.4824	31	0.4072	599
Base	B406	505	5760	GEO_{ENVE}	Combination	Max	2	162	0.4792	31	0.2522	542
Base	B406	505	6120	GEO_{ENVE}	Combination	Max	2	170	0.4759	31	0.09952	483
Base	B406	505	6480	GEO_{ENVE}	Combination	Max	2	178	0.4727	31	0.2679	420
Base	B406	505	6480	GEO_{ENVE}	Combination	Max	1	269	0.2287	36	0.3555	419
Base	B406	505	6840	GEO_{ENVE}	Combination	Max	1	277	0.2254	36	0.2743	321
Base	B406	505	7200	GEO_{ENVE}	Combination	Max	1	285	0.2222	36	0.195	226
Base	B406	505	7560	GEO_{ENVE}	Combination	Max	1	293	0.219	36	0.1169	227
Base	B406	505	7560	GEO_{ENVE}	Combination	Max	1	384	0.1449	40	0.1513	227
Base	B406	505	7920	GEO_{ENVE}	Combination	Max	1	392	0.1417	40	0.1032	256
Base	B406	505	8280	GEO_{ENVE}	Combination	Max	1	400	0.1385	40	0.05618	283
Base	B406	505	8640	GEO_{ENVE}	Combination	Max	1	409	0.1352	40	0	306
Base	B406	505	8640	GEO_{ENVE}	Combination	Max	1	499	0.1933	43	0.1415	306
Base	B406	505	9000	GEO_{ENVE}	Combination	Max	1	507	0.1901	43	0.1292	295
Base	B406	505	9360	GEO_{ENVE}	Combination	Max	1	515	0.1868	43	0.1634	282

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B406	505	9720	GEO$_{ENVE}$	Combination	Max	1	523	0.1836	43	0.1988	265
Base	B406	505	9720	GEO$_{ENVE}$	Combination	Max	2	609	1	41	0.1227	263
Base	B406	505	10080	GEO$_{ENVE}$	Combination	Max	2	617	1	41	0.0928	214
Base	B406	505	10440	GEO$_{ENVE}$	Combination	Max	2	625	1	41	0.2429	162
Base	B406	505	10800	GEO$_{ENVE}$	Combination	Max	2	633	1	41	0.4043	107
Base	B406	505	10800	GEO$_{ENVE}$	Combination	Max	0	-416	0	22	0	67
Base	B406	505	11100	GEO$_{ENVE}$	Combination	Max	0	-410	0	22	0	192
Base	B406	505	11100	GEO$_{ENVE}$	Combination	Max	0	-230	0	11	0	202
Base	B406	505	11500	GEO$_{ENVE}$	Combination	Max	0	-221	0	11	0	292
Base	B406	505	11900	GEO$_{ENVE}$	Combination	Max	0	-212	0	11	0	378
Base	B406	505	12300	GEO$_{ENVE}$	Combination	Max	0	-203	0	11	0	461
Base	B406	505	12300	GEO$_{ENVE}$	Combination	Max	0	7	0	-7	0	458
Base	B406	505	12525	GEO$_{ENVE}$	Combination	Max	0	12	0	-7	0	456
Base	B406	505	12525	GEO$_{ENVE}$	Combination	Max	8	-54	2	25	4	450
Base	B406	505	12787.5	GEO$_{ENVE}$	Combination	Max	8	-49	2	25	3	464
Base	B406	505	13050	GEO$_{ENVE}$	Combination	Max	8	-43	2	25	3	476
Base	B406	505	13050	GEO$_{ENVE}$	Combination	Max	42	91	2	25	1	471
Base	B406	505	13312.5	GEO$_{ENVE}$	Combination	Max	42	97	2	25	1	446
Base	B406	505	13575	GEO$_{ENVE}$	Combination	Max	42	103	2	25	0.4235	420
Base	B406	505	13575	GEO$_{ENVE}$	Combination	Max	46	21	0.1866	22	2	413
Base	B406	505	13750	GEO$_{ENVE}$	Combination	Max	46	25	0.1851	22	2	409
Base	B406	505	13750	GEO$_{ENVE}$	Combination	Max	47	87	1	12	1	367
Base	B406	505	14100	GEO$_{ENVE}$	Combination	Max	47	95	1	12	1	338
Base	B406	505	14100	GEO$_{ENVE}$	Combination	Max	38	197	2	11	3	313
Base	B406	505	14362.5	GEO$_{ENVE}$	Combination	Max	38	202	2	11	3	268
Base	B406	505	14625	GEO$_{ENVE}$	Combination	Max	38	208	2	11	3	231
Base	B406	505	14625	GEO$_{ENVE}$	Combination	Max	47	89	1	11	5	253
Base	B406	505	14975	GEO$_{ENVE}$	Combination	Max	47	97	1	11	5	283
Base	B406	505	14975	GEO$_{ENVE}$	Combination	Max	53	34	0.4548	5	5	324
Base	B406	505	15150	GEO$_{ENVE}$	Combination	Max	53	38	0.4533	5	5	328
Base	B406	505	15150	GEO$_{ENVE}$	Combination	Max	62	239	4	3	2	339
Base	B406	505	15412.5	GEO$_{ENVE}$	Combination	Max	62	245	4	3	1	383
Base	B406	505	15675	GEO$_{ENVE}$	Combination	Max	62	251	4	3	0.31	426
Base	B406	505	15675	GEO$_{ENVE}$	Combination	Max	54	275	4	4	5	445
Base	B406	505	15937.5	GEO$_{ENVE}$	Combination	Max	54	281	4	4	6	478
Base	B406	505	16200	GEO$_{ENVE}$	Combination	Max	54	287	4	4	7	510
Base	B406	505	0	GEO$_{ENVE}$	Combination	Min	-1	-284	-3	-15	-2	-145
Base	B406	505	360	GEO$_{ENVE}$	Combination	Min	-1	-276	-3	-15	-1	-70
Base	B406	505	720	GEO$_{ENVE}$	Combination	Min	-1	-268	-3	-15	-0.2457	-12
Base	B406	505	1080	GEO$_{ENVE}$	Combination	Min	-1	-260	-3	-15	-1	42
Base	B406	505	1080	GEO$_{ENVE}$	Combination	Min	-1	-224	-0.2607	-13	-1	43
Base	B406	505	1440	GEO$_{ENVE}$	Combination	Min	-1	-216	-0.2639	-13	-1	76
Base	B406	505	1800	GEO$_{ENVE}$	Combination	Min	-1	-208	-0.2672	-13	-1	107
Base	B406	505	2160	GEO$_{ENVE}$	Combination	Min	-1	-200	-0.2704	-13	-1	135
Base	B406	505	2160	GEO$_{ENVE}$	Combination	Min	-1	-126	-1	-11	-1	136
Base	B406	505	2520	GEO$_{ENVE}$	Combination	Min	-1	-118	-1	-11	-0.4858	134

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B406	505	2880	GEO_{ENVE}	Combination	Min	-1	-110	-1	-11	-0.2493	130
Base	B406	505	3240	GEO_{ENVE}	Combination	Min	-1	-102	-1	-11	0	123
Base	B406	505	3240	GEO_{ENVE}	Combination	Min	-1	-20	-0.1839	-14	-0.1482	123
Base	B406	505	3600	GEO_{ENVE}	Combination	Min	-1	-12	-0.1871	-14	-0.09912	84
Base	B406	505	3960	GEO_{ENVE}	Combination	Min	-1	-4	-0.1904	-14	-0.05925	43
Base	B406	505	4320	GEO_{ENVE}	Combination	Min	-1	4	-0.1936	-14	-0.06378	-2
Base	B406	505	4320	GEO_{ENVE}	Combination	Min	-0.4624	100	-1	-17	-0.1518	-5
Base	B406	505	4680	GEO_{ENVE}	Combination	Min	-0.4656	108	-1	-17	-0.3382	-86
Base	B406	505	5040	GEO_{ENVE}	Combination	Min	-0.4689	116	-1	-17	-1	-170
Base	B406	505	5400	GEO_{ENVE}	Combination	Min	-0.4721	124	-1	-17	-1	-256
Base	B406	505	5400	GEO_{ENVE}	Combination	Min	-2	-308	-1	-5	-1	-294
Base	B406	505	5760	GEO_{ENVE}	Combination	Min	-2	-300	-1	-5	-0.3939	-184
Base	B406	505	6120	GEO_{ENVE}	Combination	Min	-2	-292	-1	-5	-0.11	-78
Base	B406	505	6480	GEO_{ENVE}	Combination	Min	-2	-284	-1	-5	-0.1268	26
Base	B406	505	6480	GEO_{ENVE}	Combination	Min	-1	-197	-0.0579	-9	-0.1735	27
Base	B406	505	6840	GEO_{ENVE}	Combination	Min	-1	-189	-0.06114	-9	-0.1544	91
Base	B406	505	7200	GEO_{ENVE}	Combination	Min	-1	-180	-0.06438	-9	-0.1341	152
Base	B406	505	7560	GEO_{ENVE}	Combination	Min	-1	-172	-0.06762	-9	-0.1126	115
Base	B406	505	7560	GEO_{ENVE}	Combination	Min	-0.4661	-85	-0.08296	-14	-0.08228	114
Base	B406	505	7920	GEO_{ENVE}	Combination	Min	-0.4693	-77	-0.0862	-14	-0.06998	-26
Base	B406	505	8280	GEO_{ENVE}	Combination	Min	-0.4726	-69	-0.08944	-14	-0.05757	-169
Base	B406	505	8640	GEO_{ENVE}	Combination	Min	-0.4758	-61	-0.09268	-14	-0.0669	-315
Base	B406	505	8640	GEO_{ENVE}	Combination	Min	-1	25	-0.2016	-21	-0.115	-317
Base	B406	505	9000	GEO_{ENVE}	Combination	Min	-1	34	-0.2048	-21	-0.1271	-498
Base	B406	505	9360	GEO_{ENVE}	Combination	Min	-1	42	-0.2081	-21	-0.1637	-682
Base	B406	505	9720	GEO_{ENVE}	Combination	Min	-1	50	-0.2113	-21	-0.2193	-869
Base	B406	505	9720	GEO_{ENVE}	Combination	Min	-2	132	-0.4402	-32	-0.08619	-875
Base	B406	505	10080	GEO_{ENVE}	Combination	Min	-2	140	-0.4434	-32	-0.09923	-1095
Base	B406	505	10440	GEO_{ENVE}	Combination	Min	-2	148	-0.4466	-32	-0.3078	-1319
Base	B406	505	10800	GEO_{ENVE}	Combination	Min	-2	156	-0.4499	-32	-1	-1545
Base	B406	505	10800	GEO_{ENVE}	Combination	Min	0	-523	0	-17	0	-1472
Base	B406	505	11100	GEO_{ENVE}	Combination	Min	0	-516	0	-17	0	-1316
Base	B406	505	11100	GEO_{ENVE}	Combination	Min	0	-522	0	-27	0	-1312
Base	B406	505	11500	GEO_{ENVE}	Combination	Min	0	-513	0	-27	0	-1104
Base	B406	505	11900	GEO_{ENVE}	Combination	Min	0	-504	0	-27	0	-901
Base	B406	505	12300	GEO_{ENVE}	Combination	Min	0	-495	0	-27	0	-701
Base	B406	505	12300	GEO_{ENVE}	Combination	Min	0	-358	0	-49	0	-689
Base	B406	505	12525	GEO_{ENVE}	Combination	Min	0	-352	0	-49	0	-609
Base	B406	505	12525	GEO_{ENVE}	Combination	Min	-104	-460	-2	-5	-4	-568
Base	B406	505	12787.5	GEO_{ENVE}	Combination	Min	-104	-454	-2	-5	-4	-448
Base	B406	505	13050	GEO_{ENVE}	Combination	Min	-104	-448	-2	-5	-3	-329
Base	B406	505	13050	GEO_{ENVE}	Combination	Min	-70	-402	-3	-4	-1	-279
Base	B406	505	13312.5	GEO_{ENVE}	Combination	Min	-70	-396	-3	-4	-0.3823	-175
Base	B406	505	13575	GEO_{ENVE}	Combination	Min	-70	-390	-3	-4	0.07027	-71
Base	B406	505	13575	GEO_{ENVE}	Combination	Min	-33	-52	-0.2469	-7	-1	-38
Base	B406	505	13750	GEO_{ENVE}	Combination	Min	-33	-48	-0.2484	-7	-1	-30

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B406	505	13750	GEO_{ENVE}	Combination	Min	-8	-127	-1	-18	-1	38
Base	B406	505	14100	GEO_{ENVE}	Combination	Min	-8	-119	-1	-18	-1	81
Base	B406	505	14100	GEO_{ENVE}	Combination	Min	21	-220	-2	-19	-3	110
Base	B406	505	14362.5	GEO_{ENVE}	Combination	Min	21	-214	-2	-19	-3	150
Base	B406	505	14625	GEO_{ENVE}	Combination	Min	21	-208	-2	-19	-4	167
Base	B406	505	14625	GEO_{ENVE}	Combination	Min	9	-89	-1	-20	-5	154
Base	B406	505	14975	GEO_{ENVE}	Combination	Min	9	-81	-1	-20	-5	132
Base	B406	505	14975	GEO_{ENVE}	Combination	Min	-17	-25	-0.4341	-27	-5	94
Base	B406	505	15150	GEO_{ENVE}	Combination	Min	-17	-21	-0.4357	-27	-5	88
Base	B406	505	15150	GEO_{ENVE}	Combination	Min	-50	-171	-4	-29	-2	67
Base	B406	505	15412.5	GEO_{ENVE}	Combination	Min	-50	-166	-4	-29	-1	4
Base	B406	505	15675	GEO_{ENVE}	Combination	Min	-50	-160	-4	-29	-0.2241	-62
Base	B406	505	15675	GEO_{ENVE}	Combination	Min	-84	-129	-4	-29	-5	-93
Base	B406	505	15937.5	GEO_{ENVE}	Combination	Min	-84	-123	-4	-29	-6	-166
Base	B406	505	16200	GEO_{ENVE}	Combination	Min	-84	-117	-4	-29	-7	-241
Base	B407	506	0	GEO_{ENVE}	Combination	Max	2	-77	0.3387	96	0.3945	-68
Base	B407	506	414.45	GEO_{ENVE}	Combination	Max	2	-73	0.337	96	0.2596	-37
Base	B407	506	828.91	GEO_{ENVE}	Combination	Max	2	-69	0.3352	96	0.1396	-8
Base	B407	506	1243.36	GEO_{ENVE}	Combination	Max	2	-64	0.3335	96	0.07883	20
Base	B407	506	1243.36	GEO_{ENVE}	Combination	Max	2	-55	0.06028	80	0.09753	27
Base	B407	506	1657.81	GEO_{ENVE}	Combination	Max	2	-50	0.05854	80	0.08505	49
Base	B407	506	2072.26	GEO_{ENVE}	Combination	Max	2	-46	0.0568	80	0.07329	69
Base	B407	506	2486.72	GEO_{ENVE}	Combination	Max	2	-42	0.05506	80	0.06225	87
Base	B407	506	2486.72	GEO_{ENVE}	Combination	Max	1	-46	0.07917	59	0.1147	94
Base	B407	506	2901.17	GEO_{ENVE}	Combination	Max	1	-41	0.07743	59	0.08229	112
Base	B407	506	3315.62	GEO_{ENVE}	Combination	Max	1	-37	0.07569	59	0.05089	128
Base	B407	506	3730.07	GEO_{ENVE}	Combination	Max	1	-33	0.07395	59	0	143
Base	B407	506	3730.07	GEO_{ENVE}	Combination	Max	1	-31	0.09309	37	0.09883	153
Base	B407	506	4144.53	GEO_{ENVE}	Combination	Max	1	-27	0.09135	37	0.06061	166
Base	B407	506	4558.98	GEO_{ENVE}	Combination	Max	1	-22	0.08961	37	0	177
Base	B407	506	4973.43	GEO_{ENVE}	Combination	Max	1	-18	0.08787	37	0	186
Base	B407	506	4973.43	GEO_{ENVE}	Combination	Max	1	-35	0.1019	9	0.0752	191
Base	B407	506	5387.88	GEO_{ENVE}	Combination	Max	1	-30	0.1002	9	0	205
Base	B407	506	5802.34	GEO_{ENVE}	Combination	Max	1	-26	0.09844	9	0	218
Base	B407	506	6216.79	GEO_{ENVE}	Combination	Max	1	-21	0.0967	9	0	230
Base	B407	506	6216.79	GEO_{ENVE}	Combination	Max	1	-9	0.1229	-11	0.05851	238
Base	B407	506	6631.24	GEO_{ENVE}	Combination	Max	1	-5	0.1211	-11	0	244
Base	B407	506	7045.7	GEO_{ENVE}	Combination	Max	1	-1	0.1194	-11	0	251
Base	B407	506	7460.15	GEO_{ENVE}	Combination	Max	1	4	0.1176	-11	0	255
Base	B407	506	7460.15	GEO_{ENVE}	Combination	Max	1	2	0.07917	-33	0	257
Base	B407	506	7874.6	GEO_{ENVE}	Combination	Max	1	6	0.07743	-33	0	261
Base	B407	506	8289.05	GEO_{ENVE}	Combination	Max	1	10	0.07569	-33	0	262
Base	B407	506	8703.51	GEO_{ENVE}	Combination	Max	1	15	0.07394	-33	0	262
Base	B407	506	8703.51	GEO_{ENVE}	Combination	Max	0.3887	33	0.05696	-49	0	262
Base	B407	506	9063.51	GEO_{ENVE}	Combination	Max	0.3872	36	0.05545	-49	0	254
Base	B407	506	9423.51	GEO_{ENVE}	Combination	Max	0.3857	40	0.05394	-49	0	244

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B407	506	9783.51	GEO$_{ENVE}$	Combination	Max	0.3841	44	0.05243	-49	0	233
Base	B407	506	9783.51	GEO$_{ENVE}$	Combination	Max	0	75	0	-62	0	231
Base	B407	506	10143.51	GEO$_{ENVE}$	Combination	Max	0	79	0	-62	0	207
Base	B407	506	10503.51	GEO$_{ENVE}$	Combination	Max	0	82	0	-62	0	182
Base	B407	506	10863.51	GEO$_{ENVE}$	Combination	Max	0	86	0	-62	0	155
Base	B407	506	10863.51	GEO$_{ENVE}$	Combination	Max	-0.3346	130	0	-71	0	154
Base	B407	506	11223.51	GEO$_{ENVE}$	Combination	Max	-0.3362	134	0	-71	0	109
Base	B407	506	11583.51	GEO$_{ENVE}$	Combination	Max	-0.3377	138	0	-71	0	64
Base	B407	506	11943.51	GEO$_{ENVE}$	Combination	Max	-0.3392	142	0	-71	0	17
Base	B407	506	11943.51	GEO$_{ENVE}$	Combination	Max	-0.2788	192	0	-75	0	16
Base	B407	506	12303.51	GEO$_{ENVE}$	Combination	Max	-0.2804	196	0	-75	0	-50
Base	B407	506	12663.51	GEO$_{ENVE}$	Combination	Max	-0.2819	200	0	-75	0.05166	-117
Base	B407	506	13023.51	GEO$_{ENVE}$	Combination	Max	-0.2834	204	0	-75	0.07038	-185
Base	B407	506	13023.51	GEO$_{ENVE}$	Combination	Max	-0.2561	238	0.09136	-72	0.05546	-187
Base	B407	506	13383.51	GEO$_{ENVE}$	Combination	Max	-0.2576	241	0.08985	-72	0.1162	-268
Base	B407	506	13743.51	GEO$_{ENVE}$	Combination	Max	-0.2592	245	0.08833	-72	0.2381	-350
Base	B407	506	14103.51	GEO$_{ENVE}$	Combination	Max	-0.2607	249	0.08682	-72	0.3605	-434
Base	B407	506	0	GEO$_{ENVE}$	Combination	Min	-1	-89	-0.371	71	-0.3931	-139
Base	B407	506	414.45	GEO$_{ENVE}$	Combination	Min	-1	-85	-0.3727	71	-0.239	-104
Base	B407	506	828.91	GEO$_{ENVE}$	Combination	Min	-1	-80	-0.3744	71	-0.08839	-70
Base	B407	506	1243.36	GEO$_{ENVE}$	Combination	Min	-1	-76	-0.3762	71	-0.06237	-38
Base	B407	506	1243.36	GEO$_{ENVE}$	Combination	Min	-0.4763	-64	0	60	-0.07563	-31
Base	B407	506	1657.81	GEO$_{ENVE}$	Combination	Min	-0.4781	-59	0	60	-0.06818	-6
Base	B407	506	2072.26	GEO$_{ENVE}$	Combination	Min	-0.4798	-55	0	60	-0.06	18
Base	B407	506	2486.72	GEO$_{ENVE}$	Combination	Min	-0.4816	-51	0	60	-0.06156	40
Base	B407	506	2486.72	GEO$_{ENVE}$	Combination	Min	0	-55	0	45	-0.09349	47
Base	B407	506	2901.17	GEO$_{ENVE}$	Combination	Min	0	-51	0	45	-0.07556	68
Base	B407	506	3315.62	GEO$_{ENVE}$	Combination	Min	0	-47	0	45	-0.05692	88
Base	B407	506	3730.07	GEO$_{ENVE}$	Combination	Min	0	-42	0	45	0	107
Base	B407	506	3730.07	GEO$_{ENVE}$	Combination	Min	0	-43	-0.05149	28	-0.08846	117
Base	B407	506	4144.53	GEO$_{ENVE}$	Combination	Min	0	-39	-0.05323	28	-0.06676	134
Base	B407	506	4558.98	GEO$_{ENVE}$	Combination	Min	0	-34	-0.05497	28	0	148
Base	B407	506	4973.43	GEO$_{ENVE}$	Combination	Min	0	-30	-0.05671	28	0	161
Base	B407	506	4973.43	GEO$_{ENVE}$	Combination	Min	-0.1814	-49	0	4	-0.05739	166
Base	B407	506	5387.88	GEO$_{ENVE}$	Combination	Min	-0.1831	-45	0	4	0	185
Base	B407	506	5802.34	GEO$_{ENVE}$	Combination	Min	-0.1848	-40	0	4	0	202
Base	B407	506	6216.79	GEO$_{ENVE}$	Combination	Min	-0.1866	-36	0	4	-0.05924	216
Base	B407	506	6216.79	GEO$_{ENVE}$	Combination	Min	-0.4306	-23	0	-13	0	225
Base	B407	506	6631.24	GEO$_{ENVE}$	Combination	Min	-0.4323	-19	0	-13	0	232
Base	B407	506	7045.7	GEO$_{ENVE}$	Combination	Min	-0.4341	-15	0	-13	-0.05671	234
Base	B407	506	7460.15	GEO$_{ENVE}$	Combination	Min	-0.4358	-10	0	-13	-0.1057	234
Base	B407	506	7460.15	GEO$_{ENVE}$	Combination	Min	-0.4767	-12	0	-39	0	236
Base	B407	506	7874.6	GEO$_{ENVE}$	Combination	Min	-0.4784	-7	0	-39	0	235
Base	B407	506	8289.05	GEO$_{ENVE}$	Combination	Min	-0.4802	-3	0	-39	0	232
Base	B407	506	8703.51	GEO$_{ENVE}$	Combination	Min	-0.4819	1	0	-39	-0.07651	227
Base	B407	506	8703.51	GEO$_{ENVE}$	Combination	Min	-1	21	0	-62	0	228

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B407	506	9063.51	GEO_{ENVE}	Combination	Min	-1	25	0	-62	-0.05731	215
Base	B407	506	9423.51	GEO_{ENVE}	Combination	Min	-1	29	0	-62	-0.07524	201
Base	B407	506	9783.51	GEO_{ENVE}	Combination	Min	-1	33	0	-62	-0.09277	186
Base	B407	506	9783.51	GEO_{ENVE}	Combination	Min	-1	65	0	-81	-0.05876	185
Base	B407	506	10143.51	GEO_{ENVE}	Combination	Min	-1	69	0	-81	-0.05097	157
Base	B407	506	10503.51	GEO_{ENVE}	Combination	Min	-1	73	0	-81	0	128
Base	B407	506	10863.51	GEO_{ENVE}	Combination	Min	-1	77	0	-81	0	98
Base	B407	506	10863.51	GEO_{ENVE}	Combination	Min	-2	120	0	-95	-0.06416	97
Base	B407	506	11223.51	GEO_{ENVE}	Combination	Min	-2	124	0	-95	0	50
Base	B407	506	11583.51	GEO_{ENVE}	Combination	Min	-2	128	0	-95	0	1
Base	B407	506	11943.51	GEO_{ENVE}	Combination	Min	-2	131	-0.05099	-95	0	-49
Base	B407	506	11943.51	GEO_{ENVE}	Combination	Min	-3	180	-0.1114	-100	-0.06307	-51
Base	B407	506	12303.51	GEO_{ENVE}	Combination	Min	-3	184	-0.1129	-100	0	-120
Base	B407	506	12663.51	GEO_{ENVE}	Combination	Min	-3	188	-0.1144	-100	0	-191
Base	B407	506	13023.51	GEO_{ENVE}	Combination	Min	-3	192	-0.116	-100	0	-264
Base	B407	506	13023.51	GEO_{ENVE}	Combination	Min	-3	224	-0.3363	-98	0	-266
Base	B407	506	13383.51	GEO_{ENVE}	Combination	Min	-3	227	-0.3378	-98	0	-352
Base	B407	506	13743.51	GEO_{ENVE}	Combination	Min	-3	231	-0.3393	-98	0	-439
Base	B407	506	14103.51	GEO_{ENVE}	Combination	Min	-3	235	-0.3408	-98	-0.07934	-528
Base	B408	653	0	GEO_{ENVE}	Combination	Max	0	85	0	24	0	34
Base	B408	653	499.77	GEO_{ENVE}	Combination	Max	0	92	0	24	0	28
Base	B408	653	999.53	GEO_{ENVE}	Combination	Max	0	100	0	24	0	75
Base	B408	653	1499.3	GEO_{ENVE}	Combination	Max	0	107	0	24	0	119
Base	B408	653	1999.06	GEO_{ENVE}	Combination	Max	0	115	0	24	0	159
Base	B408	653	2498.83	GEO_{ENVE}	Combination	Max	0	122	0	24	0	195
Base	B408	653	2998.59	GEO_{ENVE}	Combination	Max	0	130	0	24	0	227
Base	B408	653	3498.36	GEO_{ENVE}	Combination	Max	0	137	0	24	0	256
Base	B408	653	3998.12	GEO_{ENVE}	Combination	Max	0	145	0	24	0	280
Base	B408	653	4497.89	GEO_{ENVE}	Combination	Max	0	152	0	24	0	301
Base	B408	653	4997.65	GEO_{ENVE}	Combination	Max	0	160	0	24	0	319
Base	B408	653	5497.42	GEO_{ENVE}	Combination	Max	0	167	0	24	0	332
Base	B408	653	5497.42	GEO_{ENVE}	Combination	Max	0	-4	0	3	0	43
Base	B408	653	5997.18	GEO_{ENVE}	Combination	Max	0	4	0	3	0	43
Base	B408	653	6496.95	GEO_{ENVE}	Combination	Max	0	11	0	3	0	40
Base	B408	653	6996.71	GEO_{ENVE}	Combination	Max	0	19	0	3	0	32
Base	B408	653	7496.48	GEO_{ENVE}	Combination	Max	0	26	0	3	0	21
Base	B408	653	7996.24	GEO_{ENVE}	Combination	Max	0	34	0	3	0	17
Base	B408	653	8496.01	GEO_{ENVE}	Combination	Max	0	41	0	3	0	17
Base	B408	653	8995.77	GEO_{ENVE}	Combination	Max	0	49	0	3	0	21
Base	B408	653	9495.54	GEO_{ENVE}	Combination	Max	0	56	0	3	0	32
Base	B408	653	9995.3	GEO_{ENVE}	Combination	Max	0	64	0	3	0	40
Base	B408	653	10495.07	GEO_{ENVE}	Combination	Max	0	71	0	3	0	44
Base	B408	653	10994.84	GEO_{ENVE}	Combination	Max	0	79	0	3	0	44
Base	B408	653	10994.84	GEO_{ENVE}	Combination	Max	0	24	0	-18	0	335
Base	B408	653	11494.6	GEO_{ENVE}	Combination	Max	0	31	0	-18	0	321
Base	B408	653	11994.37	GEO_{ENVE}	Combination	Max	0	39	0	-18	0	303

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B408	653	12494.13	GEO_{ENVE}	Combination	Max	0	46	0	-18	0	282
Base	B408	653	12993.9	GEO_{ENVE}	Combination	Max	0	54	0	-18	0	257
Base	B408	653	13493.66	GEO_{ENVE}	Combination	Max	0	61	0	-18	0	229
Base	B408	653	13993.43	GEO_{ENVE}	Combination	Max	0	69	0	-18	0	196
Base	B408	653	14493.19	GEO_{ENVE}	Combination	Max	0	76	0	-18	0	160
Base	B408	653	14992.96	GEO_{ENVE}	Combination	Max	0	84	0	-18	0	120
Base	B408	653	15492.72	GEO_{ENVE}	Combination	Max	0	91	0	-18	0	76
Base	B408	653	15992.49	GEO_{ENVE}	Combination	Max	0	99	0	-18	0	29
Base	B408	653	16492.25	GEO_{ENVE}	Combination	Max	0	106	0	-18	0	34
Base	B408	653	0	GEO_{ENVE}	Combination	Min	0	-106	0	17	0	-23
Base	B408	653	499.77	GEO_{ENVE}	Combination	Min	0	-98	0	17	0	-11
Base	B408	653	999.53	GEO_{ENVE}	Combination	Min	0	-91	0	17	0	-59
Base	B408	653	1499.3	GEO_{ENVE}	Combination	Min	0	-83	0	17	0	-110
Base	B408	653	1999.06	GEO_{ENVE}	Combination	Min	0	-76	0	17	0	-166
Base	B408	653	2498.83	GEO_{ENVE}	Combination	Min	0	-68	0	17	0	-225
Base	B408	653	2998.59	GEO_{ENVE}	Combination	Min	0	-61	0	17	0	-288
Base	B408	653	3498.36	GEO_{ENVE}	Combination	Min	0	-53	0	17	0	-355
Base	B408	653	3998.12	GEO_{ENVE}	Combination	Min	0	-46	0	17	0	-426
Base	B408	653	4497.89	GEO_{ENVE}	Combination	Min	0	-38	0	17	0	-500
Base	B408	653	4997.65	GEO_{ENVE}	Combination	Min	0	-31	0	17	0	-578
Base	B408	653	5497.42	GEO_{ENVE}	Combination	Min	0	-23	0	17	0	-660
Base	B408	653	5497.42	GEO_{ENVE}	Combination	Min	0	-79	0	-8	0	-164
Base	B408	653	5997.18	GEO_{ENVE}	Combination	Min	0	-72	0	-8	0	-126
Base	B408	653	6496.95	GEO_{ENVE}	Combination	Min	0	-64	0	-8	0	-92
Base	B408	653	6996.71	GEO_{ENVE}	Combination	Min	0	-57	0	-8	0	-62
Base	B408	653	7496.48	GEO_{ENVE}	Combination	Min	0	-49	0	-8	0	-36
Base	B408	653	7996.24	GEO_{ENVE}	Combination	Min	0	-42	0	-8	0	-13
Base	B408	653	8496.01	GEO_{ENVE}	Combination	Min	0	-34	0	-8	0	-13
Base	B408	653	8995.77	GEO_{ENVE}	Combination	Min	0	-27	0	-8	0	-35
Base	B408	653	9495.54	GEO_{ENVE}	Combination	Min	0	-19	0	-8	0	-61
Base	B408	653	9995.3	GEO_{ENVE}	Combination	Min	0	-12	0	-8	0	-91
Base	B408	653	10495.07	GEO_{ENVE}	Combination	Min	0	-4	0	-8	0	-125
Base	B408	653	10994.84	GEO_{ENVE}	Combination	Min	0	3	0	-8	0	-162
Base	B408	653	10994.84	GEO_{ENVE}	Combination	Min	0	-167	0	-27	0	-656
Base	B408	653	11494.6	GEO_{ENVE}	Combination	Min	0	-159	0	-27	0	-575
Base	B408	653	11994.37	GEO_{ENVE}	Combination	Min	0	-152	0	-27	0	-497
Base	B408	653	12494.13	GEO_{ENVE}	Combination	Min	0	-144	0	-27	0	-423
Base	B408	653	12993.9	GEO_{ENVE}	Combination	Min	0	-137	0	-27	0	-353
Base	B408	653	13493.66	GEO_{ENVE}	Combination	Min	0	-129	0	-27	0	-286
Base	B408	653	13993.43	GEO_{ENVE}	Combination	Min	0	-122	0	-27	0	-223
Base	B408	653	14493.19	GEO_{ENVE}	Combination	Min	0	-114	0	-27	0	-164
Base	B408	653	14992.96	GEO_{ENVE}	Combination	Min	0	-107	0	-27	0	-109
Base	B408	653	15492.72	GEO_{ENVE}	Combination	Min	0	-99	0	-27	0	-57
Base	B408	653	15992.49	GEO_{ENVE}	Combination	Min	0	-92	0	-27	0	-10
Base	B408	653	16492.25	GEO_{ENVE}	Combination	Min	0	-84	0	-27	0	-22
Base	B208	3	0	GEO_{ENVE}	Combination	Max	0	7	0	-3	0	48

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B208	3	496.21	GEO_{ENVE}	Combination	Max	0	10	0	-3	0	43
Base	B208	3	992.41	GEO_{ENVE}	Combination	Max	0	13	0	-3	0	37
Base	B208	3	1488.62	GEO_{ENVE}	Combination	Max	0	17	0	-3	0	30
Base	B208	3	1984.82	GEO_{ENVE}	Combination	Max	0	20	0	-3	0	21
Base	B208	3	2481.03	GEO_{ENVE}	Combination	Max	0	23	0	-3	0	10
Base	B208	3	2977.23	GEO_{ENVE}	Combination	Max	0	26	0	-3	0	5
Base	B208	3	3473.44	GEO_{ENVE}	Combination	Max	0	29	0	-3	0	2
Base	B208	3	3969.64	GEO_{ENVE}	Combination	Max	0	32	0	-3	0	-3
Base	B208	3	3969.64	GEO_{ENVE}	Combination	Max	0	-15	0	5	0	-10
Base	B208	3	4460.55	GEO_{ENVE}	Combination	Max	0	-12	0	5	0	-3
Base	B208	3	4951.46	GEO_{ENVE}	Combination	Max	0	-9	0	5	0	2
Base	B208	3	5442.37	GEO_{ENVE}	Combination	Max	0	-5	0	5	0	5
Base	B208	3	5933.28	GEO_{ENVE}	Combination	Max	0	-2	0	5	0	8
Base	B208	3	6424.19	GEO_{ENVE}	Combination	Max	0	1	0	5	0	8
Base	B208	3	6915.1	GEO_{ENVE}	Combination	Max	0	4	0	5	0	8
Base	B208	3	7406.01	GEO_{ENVE}	Combination	Max	0	7	0	5	0	8
Base	B208	3	7896.91	GEO_{ENVE}	Combination	Max	0	10	0	5	0	6
Base	B208	3	8387.82	GEO_{ENVE}	Combination	Max	0	13	0	5	0	2
Base	B208	3	8878.73	GEO_{ENVE}	Combination	Max	0	16	0	5	0	-3
Base	B208	3	9369.64	GEO_{ENVE}	Combination	Max	0	19	0	5	0	-9
Base	B208	3	9369.64	GEO_{ENVE}	Combination	Max	0	-14	0	7	0	-6
Base	B208	3	9860.55	GEO_{ENVE}	Combination	Max	0	-11	0	7	0	0
Base	B208	3	10351.46	GEO_{ENVE}	Combination	Max	0	-8	0	7	0	5
Base	B208	3	10842.37	GEO_{ENVE}	Combination	Max	0	-5	0	7	0	8
Base	B208	3	11333.28	GEO_{ENVE}	Combination	Max	0	-2	0	7	0	10
Base	B208	3	11824.19	GEO_{ENVE}	Combination	Max	0	1	0	7	0	10
Base	B208	3	12315.1	GEO_{ENVE}	Combination	Max	0	4	0	7	0	10
Base	B208	3	12806.01	GEO_{ENVE}	Combination	Max	0	7	0	7	0	10
Base	B208	3	13296.91	GEO_{ENVE}	Combination	Max	0	11	0	7	0	8
Base	B208	3	13787.82	GEO_{ENVE}	Combination	Max	0	14	0	7	0	6
Base	B208	3	14278.73	GEO_{ENVE}	Combination	Max	0	17	0	7	0	2
Base	B208	3	14769.64	GEO_{ENVE}	Combination	Max	0	20	0	7	0	-4
Base	B208	3	14769.64	GEO_{ENVE}	Combination	Max	0	-10	0	7	0	-4
Base	B208	3	15260.55	GEO_{ENVE}	Combination	Max	0	-7	0	7	0	0
Base	B208	3	15751.46	GEO_{ENVE}	Combination	Max	0	-4	0	7	0	3
Base	B208	3	16242.37	GEO_{ENVE}	Combination	Max	0	-1	0	7	0	5
Base	B208	3	16733.28	GEO_{ENVE}	Combination	Max	0	2	0	7	0	5
Base	B208	3	17224.19	GEO_{ENVE}	Combination	Max	0	5	0	7	0	4
Base	B208	3	17715.1	GEO_{ENVE}	Combination	Max	0	8	0	7	0	2
Base	B208	3	18206.01	GEO_{ENVE}	Combination	Max	0	11	0	7	0	-2
Base	B208	3	18696.91	GEO_{ENVE}	Combination	Max	0	14	0	7	0	-7
Base	B208	3	19187.82	GEO_{ENVE}	Combination	Max	0	18	0	7	0	-14
Base	B208	3	19678.73	GEO_{ENVE}	Combination	Max	0	21	0	7	0	-22
Base	B208	3	20169.64	GEO_{ENVE}	Combination	Max	0	24	0	7	0	-31
Base	B208	3	20169.64	GEO_{ENVE}	Combination	Max	0	-33	0	9	0	-50
Base	B208	3	20660.55	GEO_{ENVE}	Combination	Max	0	-30	0	9	0	-34

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B208	3	21151.46	GEO_{ENVE}	Combination	Max	0	-27	0	9	0	-20
Base	B208	3	21642.37	GEO_{ENVE}	Combination	Max	0	-24	0	9	0	-8
Base	B208	3	22133.28	GEO_{ENVE}	Combination	Max	0	-21	0	9	0	3
Base	B208	3	22624.19	GEO_{ENVE}	Combination	Max	0	-18	0	9	0	13
Base	B208	3	23115.1	GEO_{ENVE}	Combination	Max	0	-15	0	9	0	21
Base	B208	3	23606.01	GEO_{ENVE}	Combination	Max	0	-12	0	9	0	27
Base	B208	3	24096.91	GEO_{ENVE}	Combination	Max	0	-8	0	9	0	32
Base	B208	3	24587.82	GEO_{ENVE}	Combination	Max	0	-5	0	9	0	35
Base	B208	3	25078.73	GEO_{ENVE}	Combination	Max	0	-2	0	9	0	37
Base	B208	3	25569.64	GEO_{ENVE}	Combination	Max	0	1	0	9	0	38
Base	B208	3	26060.55	GEO_{ENVE}	Combination	Max	0	4	0	9	0	37
Base	B208	3	26551.46	GEO_{ENVE}	Combination	Max	0	7	0	9	0	35
Base	B208	3	27042.37	GEO_{ENVE}	Combination	Max	0	10	0	9	0	31
Base	B208	3	27533.28	GEO_{ENVE}	Combination	Max	0	13	0	9	0	26
Base	B208	3	28024.19	GEO_{ENVE}	Combination	Max	0	16	0	9	0	20
Base	B208	3	28515.1	GEO_{ENVE}	Combination	Max	0	19	0	9	0	12
Base	B208	3	29006.01	GEO_{ENVE}	Combination	Max	0	22	0	9	0	3
Base	B208	3	29496.91	GEO_{ENVE}	Combination	Max	0	25	0	9	0	-8
Base	B208	3	29987.82	GEO_{ENVE}	Combination	Max	0	28	0	9	0	-21
Base	B208	3	30478.73	GEO_{ENVE}	Combination	Max	0	31	0	9	0	-35
Base	B208	3	30969.64	GEO_{ENVE}	Combination	Max	0	34	0	9	0	-50
Base	B208	3	30969.64	GEO_{ENVE}	Combination	Max	0	-20	0	7	0	-32
Base	B208	3	31460.55	GEO_{ENVE}	Combination	Max	0	-17	0	7	0	-23
Base	B208	3	31951.46	GEO_{ENVE}	Combination	Max	0	-14	0	7	0	-15
Base	B208	3	32442.37	GEO_{ENVE}	Combination	Max	0	-11	0	7	0	-9
Base	B208	3	32933.28	GEO_{ENVE}	Combination	Max	0	-8	0	7	0	-5
Base	B208	3	33424.19	GEO_{ENVE}	Combination	Max	0	-4	0	7	0	-1
Base	B208	3	33915.1	GEO_{ENVE}	Combination	Max	0	-1	0	7	0	2
Base	B208	3	34406.01	GEO_{ENVE}	Combination	Max	0	2	0	7	0	4
Base	B208	3	34896.91	GEO_{ENVE}	Combination	Max	0	5	0	7	0	4
Base	B208	3	35387.82	GEO_{ENVE}	Combination	Max	0	8	0	7	0	3
Base	B208	3	35878.73	GEO_{ENVE}	Combination	Max	0	11	0	7	0	0.07553
Base	B208	3	36369.64	GEO_{ENVE}	Combination	Max	0	14	0	7	0	-4
Base	B208	3	36369.64	GEO_{ENVE}	Combination	Max	0	-13	0	14	0	-5
Base	B208	3	36860.55	GEO_{ENVE}	Combination	Max	0	-10	0	14	0	0.4983
Base	B208	3	37351.46	GEO_{ENVE}	Combination	Max	0	-7	0	14	0	4
Base	B208	3	37842.37	GEO_{ENVE}	Combination	Max	0	-3	0	14	0	7
Base	B208	3	38333.28	GEO_{ENVE}	Combination	Max	0	-0.4223	0	14	0	8
Base	B208	3	38824.19	GEO_{ENVE}	Combination	Max	0	3	0	14	0	10
Base	B208	3	39315.1	GEO_{ENVE}	Combination	Max	0	6	0	14	0	12
Base	B208	3	39806.01	GEO_{ENVE}	Combination	Max	0	9	0	14	0	12
Base	B208	3	40296.91	GEO_{ENVE}	Combination	Max	0	12	0	14	0	11
Base	B208	3	40787.82	GEO_{ENVE}	Combination	Max	0	15	0	14	0	9
Base	B208	3	41278.73	GEO_{ENVE}	Combination	Max	0	18	0	14	0	5
Base	B208	3	41769.64	GEO_{ENVE}	Combination	Max	0	21	0	14	0	-1
Base	B208	3	41769.64	GEO_{ENVE}	Combination	Max	0	9	0	17	0	17

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B208	3	42266.62	GEO_{ENVE}	Combination	Max	0	13	0	17	0	12
Base	B208	3	42763.59	GEO_{ENVE}	Combination	Max	0	16	0	17	0	5
Base	B208	3	43260.57	GEO_{ENVE}	Combination	Max	0	19	0	17	0	8
Base	B208	3	43757.54	GEO_{ENVE}	Combination	Max	0	22	0	17	0	20
Base	B208	3	44254.52	GEO_{ENVE}	Combination	Max	0	25	0	17	0	30
Base	B208	3	44751.49	GEO_{ENVE}	Combination	Max	0	28	0	17	0	40
Base	B208	3	0	GEO_{ENVE}	Combination	Min	0	-14	0	-32	0	-10
Base	B208	3	496.21	GEO_{ENVE}	Combination	Min	0	-11	0	-32	0	-3
Base	B208	3	992.41	GEO_{ENVE}	Combination	Min	0	-8	0	-32	0	1
Base	B208	3	1488.62	GEO_{ENVE}	Combination	Min	0	-5	0	-32	0	5
Base	B208	3	1984.82	GEO_{ENVE}	Combination	Min	0	-2	0	-32	0	6
Base	B208	3	2481.03	GEO_{ENVE}	Combination	Min	0	1	0	-32	0	6
Base	B208	3	2977.23	GEO_{ENVE}	Combination	Min	0	4	0	-32	0	-2
Base	B208	3	3473.44	GEO_{ENVE}	Combination	Min	0	8	0	-32	0	-15
Base	B208	3	3969.64	GEO_{ENVE}	Combination	Min	0	11	0	-32	0	-30
Base	B208	3	3969.64	GEO_{ENVE}	Combination	Min	0	-20	0	-13	0	-23
Base	B208	3	4460.55	GEO_{ENVE}	Combination	Min	0	-16	0	-13	0	-14
Base	B208	3	4951.46	GEO_{ENVE}	Combination	Min	0	-13	0	-13	0	-7
Base	B208	3	5442.37	GEO_{ENVE}	Combination	Min	0	-10	0	-13	0	-1
Base	B208	3	5933.28	GEO_{ENVE}	Combination	Min	0	-7	0	-13	0	3
Base	B208	3	6424.19	GEO_{ENVE}	Combination	Min	0	-4	0	-13	0	5
Base	B208	3	6915.1	GEO_{ENVE}	Combination	Min	0	-1	0	-13	0	5
Base	B208	3	7406.01	GEO_{ENVE}	Combination	Min	0	2	0	-13	0	3
Base	B208	3	7896.91	GEO_{ENVE}	Combination	Min	0	5	0	-13	0	-1
Base	B208	3	8387.82	GEO_{ENVE}	Combination	Min	0	8	0	-13	0	-6
Base	B208	3	8878.73	GEO_{ENVE}	Combination	Min	0	11	0	-13	0	-13
Base	B208	3	9369.64	GEO_{ENVE}	Combination	Min	0	14	0	-13	0	-22
Base	B208	3	9369.64	GEO_{ENVE}	Combination	Min	0	-21	0	-8	0	-25
Base	B208	3	9860.55	GEO_{ENVE}	Combination	Min	0	-18	0	-8	0	-16
Base	B208	3	10351.46	GEO_{ENVE}	Combination	Min	0	-15	0	-8	0	-8
Base	B208	3	10842.37	GEO_{ENVE}	Combination	Min	0	-12	0	-8	0	-2
Base	B208	3	11333.28	GEO_{ENVE}	Combination	Min	0	-8	0	-8	0	3
Base	B208	3	11824.19	GEO_{ENVE}	Combination	Min	0	-5	0	-8	0	6
Base	B208	3	12315.1	GEO_{ENVE}	Combination	Min	0	-2	0	-8	0	7
Base	B208	3	12806.01	GEO_{ENVE}	Combination	Min	0	1	0	-8	0	5
Base	B208	3	13296.91	GEO_{ENVE}	Combination	Min	0	4	0	-8	0	1
Base	B208	3	13787.82	GEO_{ENVE}	Combination	Min	0	7	0	-8	0	-5
Base	B208	3	14278.73	GEO_{ENVE}	Combination	Min	0	10	0	-8	0	-13
Base	B208	3	14769.64	GEO_{ENVE}	Combination	Min	0	13	0	-8	0	-22
Base	B208	3	14769.64	GEO_{ENVE}	Combination	Min	0	-14	0	-5	0	-14
Base	B208	3	15260.55	GEO_{ENVE}	Combination	Min	0	-10	0	-5	0	-8
Base	B208	3	15751.46	GEO_{ENVE}	Combination	Min	0	-7	0	-5	0	-4
Base	B208	3	16242.37	GEO_{ENVE}	Combination	Min	0	-4	0	-5	0	-2
Base	B208	3	16733.28	GEO_{ENVE}	Combination	Min	0	-1	0	-5	0	-1
Base	B208	3	17224.19	GEO_{ENVE}	Combination	Min	0	2	0	-5	0	-2
Base	B208	3	17715.1	GEO_{ENVE}	Combination	Min	0	5	0	-5	0	-4

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B208	3	18206.01	GEO_{ENVE}	Combination	Min	0	8	0	-5	0	-8
Base	B208	3	18696.91	GEO_{ENVE}	Combination	Min	0	11	0	-5	0	-14
Base	B208	3	19187.82	GEO_{ENVE}	Combination	Min	0	14	0	-5	0	-22
Base	B208	3	19678.73	GEO_{ENVE}	Combination	Min	0	17	0	-5	0	-31
Base	B208	3	20169.64	GEO_{ENVE}	Combination	Min	0	20	0	-5	0	-42
Base	B208	3	20169.64	GEO_{ENVE}	Combination	Min	0	-34	0	-9	0	-58
Base	B208	3	20660.55	GEO_{ENVE}	Combination	Min	0	-31	0	-9	0	-42
Base	B208	3	21151.46	GEO_{ENVE}	Combination	Min	0	-28	0	-9	0	-27
Base	B208	3	21642.37	GEO_{ENVE}	Combination	Min	0	-25	0	-9	0	-14
Base	B208	3	22133.28	GEO_{ENVE}	Combination	Min	0	-22	0	-9	0	-3
Base	B208	3	22624.19	GEO_{ENVE}	Combination	Min	0	-19	0	-9	0	8
Base	B208	3	23115.1	GEO_{ENVE}	Combination	Min	0	-16	0	-9	0	16
Base	B208	3	23606.01	GEO_{ENVE}	Combination	Min	0	-13	0	-9	0	23
Base	B208	3	24096.91	GEO_{ENVE}	Combination	Min	0	-10	0	-9	0	29
Base	B208	3	24587.82	GEO_{ENVE}	Combination	Min	0	-7	0	-9	0	33
Base	B208	3	25078.73	GEO_{ENVE}	Combination	Min	0	-4	0	-9	0	36
Base	B208	3	25569.64	GEO_{ENVE}	Combination	Min	0	-1	0	-9	0	37
Base	B208	3	26060.55	GEO_{ENVE}	Combination	Min	0	2	0	-9	0	36
Base	B208	3	26551.46	GEO_{ENVE}	Combination	Min	0	5	0	-9	0	34
Base	B208	3	27042.37	GEO_{ENVE}	Combination	Min	0	8	0	-9	0	30
Base	B208	3	27533.28	GEO_{ENVE}	Combination	Min	0	12	0	-9	0	24
Base	B208	3	28024.19	GEO_{ENVE}	Combination	Min	0	15	0	-9	0	17
Base	B208	3	28515.1	GEO_{ENVE}	Combination	Min	0	18	0	-9	0	8
Base	B208	3	29006.01	GEO_{ENVE}	Combination	Min	0	21	0	-9	0	-2
Base	B208	3	29496.91	GEO_{ENVE}	Combination	Min	0	24	0	-9	0	-14
Base	B208	3	29987.82	GEO_{ENVE}	Combination	Min	0	27	0	-9	0	-27
Base	B208	3	30478.73	GEO_{ENVE}	Combination	Min	0	30	0	-9	0	-41
Base	B208	3	30969.64	GEO_{ENVE}	Combination	Min	0	33	0	-9	0	-58
Base	B208	3	30969.64	GEO_{ENVE}	Combination	Min	0	-24	0	-5	0	-41
Base	B208	3	31460.55	GEO_{ENVE}	Combination	Min	0	-21	0	-5	0	-30
Base	B208	3	31951.46	GEO_{ENVE}	Combination	Min	0	-18	0	-5	0	-21
Base	B208	3	32442.37	GEO_{ENVE}	Combination	Min	0	-14	0	-5	0	-13
Base	B208	3	32933.28	GEO_{ENVE}	Combination	Min	0	-11	0	-5	0	-6
Base	B208	3	33424.19	GEO_{ENVE}	Combination	Min	0	-8	0	-5	0	-2
Base	B208	3	33915.1	GEO_{ENVE}	Combination	Min	0	-5	0	-5	0	-1
Base	B208	3	34406.01	GEO_{ENVE}	Combination	Min	0	-2	0	-5	0	-1
Base	B208	3	34896.91	GEO_{ENVE}	Combination	Min	0	1	0	-5	0	-2
Base	B208	3	35387.82	GEO_{ENVE}	Combination	Min	0	4	0	-5	0	-5
Base	B208	3	35878.73	GEO_{ENVE}	Combination	Min	0	7	0	-5	0	-10
Base	B208	3	36369.64	GEO_{ENVE}	Combination	Min	0	10	0	-5	0	-16
Base	B208	3	36369.64	GEO_{ENVE}	Combination	Min	0	-21	0	-3	0	-23
Base	B208	3	36860.55	GEO_{ENVE}	Combination	Min	0	-18	0	-3	0	-13
Base	B208	3	37351.46	GEO_{ENVE}	Combination	Min	0	-15	0	-3	0	-5
Base	B208	3	37842.37	GEO_{ENVE}	Combination	Min	0	-12	0	-3	0	1
Base	B208	3	38333.28	GEO_{ENVE}	Combination	Min	0	-9	0	-3	0	6
Base	B208	3	38824.19	GEO_{ENVE}	Combination	Min	0	-6	0	-3	0	7

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B208	3	39315.1	GEO_{ENVE}	Combination	Min	0	-3	0	-3	0	5
Base	B208	3	39806.01	GEO_{ENVE}	Combination	Min	0	1	0	-3	0	2
Base	B208	3	40296.91	GEO_{ENVE}	Combination	Min	0	4	0	-3	0	-3
Base	B208	3	40787.82	GEO_{ENVE}	Combination	Min	0	7	0	-3	0	-10
Base	B208	3	41278.73	GEO_{ENVE}	Combination	Min	0	10	0	-3	0	-18
Base	B208	3	41769.64	GEO_{ENVE}	Combination	Min	0	13	0	-3	0	-28
Base	B208	3	41769.64	GEO_{ENVE}	Combination	Min	0	-35	0	-15	0	-38
Base	B208	3	42266.62	GEO_{ENVE}	Combination	Min	0	-32	0	-15	0	-21
Base	B208	3	42763.59	GEO_{ENVE}	Combination	Min	0	-29	0	-15	0	-6
Base	B208	3	43260.57	GEO_{ENVE}	Combination	Min	0	-26	0	-15	0	-4
Base	B208	3	43757.54	GEO_{ENVE}	Combination	Min	0	-23	0	-15	0	-14
Base	B208	3	44254.52	GEO_{ENVE}	Combination	Min	0	-20	0	-15	0	-26
Base	B208	3	44751.49	GEO_{ENVE}	Combination	Min	0	-17	0	-15	0	-39
Base	B345	4	0	GEO_{ENVE}	Combination	Max	15	-1	0.1333	12	0.3478	9
Base	B345	4	490.91	GEO_{ENVE}	Combination	Max	15	2	0.1321	12	0.2826	9
Base	B345	4	981.82	GEO_{ENVE}	Combination	Max	15	5	0.1309	12	0.2181	7
Base	B345	4	1472.73	GEO_{ENVE}	Combination	Max	15	8	0.1296	12	0.1542	6
Base	B345	4	1963.64	GEO_{ENVE}	Combination	Max	15	11	0.1284	12	0.09082	18
Base	B345	4	2454.55	GEO_{ENVE}	Combination	Max	15	14	0.1272	12	0	32
Base	B345	4	2945.45	GEO_{ENVE}	Combination	Max	15	17	0.126	12	0	44
Base	B345	4	3436.36	GEO_{ENVE}	Combination	Max	15	20	0.1247	12	0.09373	55
Base	B345	4	3927.27	GEO_{ENVE}	Combination	Max	15	23	0.1235	12	0.1586	65
Base	B345	4	4418.18	GEO_{ENVE}	Combination	Max	15	26	0.1223	12	0.2241	72
Base	B345	4	4909.09	GEO_{ENVE}	Combination	Max	15	29	0.1211	12	0.2902	79
Base	B345	4	5400	GEO_{ENVE}	Combination	Max	15	33	0.1198	12	0.3568	84
Base	B345	4	0	GEO_{ENVE}	Combination	Min	-14	-42	-0.1229	-12	-0.3435	-52
Base	B345	4	490.91	GEO_{ENVE}	Combination	Min	-14	-39	-0.1242	-12	-0.2829	-33
Base	B345	4	981.82	GEO_{ENVE}	Combination	Min	-14	-36	-0.1254	-12	-0.2216	-14
Base	B345	4	1472.73	GEO_{ENVE}	Combination	Min	-14	-33	-0.1266	-12	-0.1598	1
Base	B345	4	1963.64	GEO_{ENVE}	Combination	Min	-14	-30	-0.1279	-12	-0.09729	-1
Base	B345	4	2454.55	GEO_{ENVE}	Combination	Min	-14	-27	-0.1291	-12	0	-7
Base	B345	4	2945.45	GEO_{ENVE}	Combination	Min	-14	-24	-0.1303	-12	0	-15
Base	B345	4	3436.36	GEO_{ENVE}	Combination	Min	-14	-21	-0.1315	-12	-0.09558	-24
Base	B345	4	3927.27	GEO_{ENVE}	Combination	Min	-14	-18	-0.1328	-12	-0.1565	-35
Base	B345	4	4418.18	GEO_{ENVE}	Combination	Min	-14	-14	-0.134	-12	-0.2168	-47
Base	B345	4	4909.09	GEO_{ENVE}	Combination	Min	-14	-11	-0.1352	-12	-0.2766	-60
Base	B345	4	5400	GEO_{ENVE}	Combination	Min	-14	-8	-0.1364	-12	-0.3357	-76
Base	B347	6	0	GEO_{ENVE}	Combination	Max	15	-2	0.1333	9	0.3478	8
Base	B347	6	490.91	GEO_{ENVE}	Combination	Max	15	1	0.1321	9	0.2826	9
Base	B347	6	981.82	GEO_{ENVE}	Combination	Max	15	4	0.1309	9	0.2181	8
Base	B347	6	1472.73	GEO_{ENVE}	Combination	Max	15	7	0.1296	9	0.1542	14
Base	B347	6	1963.64	GEO_{ENVE}	Combination	Max	15	10	0.1284	9	0.09082	26
Base	B347	6	2454.55	GEO_{ENVE}	Combination	Max	15	13	0.1272	9	0	36
Base	B347	6	2945.45	GEO_{ENVE}	Combination	Max	15	16	0.126	9	0	46
Base	B347	6	3436.36	GEO_{ENVE}	Combination	Max	15	19	0.1247	9	0.09373	54
Base	B347	6	3927.27	GEO_{ENVE}	Combination	Max	15	22	0.1235	9	0.1586	61

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B347	6	4418.18	GEO_{ENVE}	Combination	Max	15	25	0.1223	9	0.2241	67
Base	B347	6	4909.09	GEO_{ENVE}	Combination	Max	15	28	0.1211	9	0.2902	70
Base	B347	6	5400	GEO_{ENVE}	Combination	Max	15	32	0.1198	9	0.3568	73
Base	B347	6	0	GEO_{ENVE}	Combination	Min	-14	-37	-0.1229	-10	-0.3435	-37
Base	B347	6	490.91	GEO_{ENVE}	Combination	Min	-14	-34	-0.1242	-10	-0.2829	-19
Base	B347	6	981.82	GEO_{ENVE}	Combination	Min	-14	-31	-0.1254	-10	-0.2216	-6
Base	B347	6	1472.73	GEO_{ENVE}	Combination	Min	-14	-28	-0.1266	-10	-0.1598	3
Base	B347	6	1963.64	GEO_{ENVE}	Combination	Min	-14	-25	-0.1279	-10	-0.09729	0.4643
Base	B347	6	2454.55	GEO_{ENVE}	Combination	Min	-14	-22	-0.1291	-10	0	-5
Base	B347	6	2945.45	GEO_{ENVE}	Combination	Min	-14	-19	-0.1303	-10	0	-12
Base	B347	6	3436.36	GEO_{ENVE}	Combination	Min	-14	-16	-0.1315	-10	-0.09558	-21
Base	B347	6	3927.27	GEO_{ENVE}	Combination	Min	-14	-13	-0.1328	-10	-0.1565	-31
Base	B347	6	4418.18	GEO_{ENVE}	Combination	Min	-14	-10	-0.134	-10	-0.2168	-43
Base	B347	6	4909.09	GEO_{ENVE}	Combination	Min	-14	-7	-0.1352	-10	-0.2766	-56
Base	B347	6	5400	GEO_{ENVE}	Combination	Min	-14	-3	-0.1364	-10	-0.3357	-71
Base	B351	8	0	GEO_{ENVE}	Combination	Max	14	2	0.1333	11	0.3478	18
Base	B351	8	490.91	GEO_{ENVE}	Combination	Max	14	5	0.1321	11	0.2826	16
Base	B351	8	981.82	GEO_{ENVE}	Combination	Max	14	8	0.1309	11	0.2181	14
Base	B351	8	1472.73	GEO_{ENVE}	Combination	Max	14	11	0.1296	11	0.1542	16
Base	B351	8	1963.64	GEO_{ENVE}	Combination	Max	14	14	0.1284	11	0.09082	26
Base	B351	8	2454.55	GEO_{ENVE}	Combination	Max	14	17	0.1272	11	0	38
Base	B351	8	2945.45	GEO_{ENVE}	Combination	Max	14	21	0.126	11	0	49
Base	B351	8	3436.36	GEO_{ENVE}	Combination	Max	14	24	0.1247	11	0.09373	59
Base	B351	8	3927.27	GEO_{ENVE}	Combination	Max	14	27	0.1235	11	0.1586	67
Base	B351	8	4418.18	GEO_{ENVE}	Combination	Max	14	30	0.1223	11	0.2241	74
Base	B351	8	4909.09	GEO_{ENVE}	Combination	Max	14	33	0.1211	11	0.2902	79
Base	B351	8	5400	GEO_{ENVE}	Combination	Max	14	36	0.1198	11	0.3568	83
Base	B351	8	0	GEO_{ENVE}	Combination	Min	-14	-40	-0.1229	-6	-0.3435	-42
Base	B351	8	490.91	GEO_{ENVE}	Combination	Min	-14	-37	-0.1242	-6	-0.2829	-23
Base	B351	8	981.82	GEO_{ENVE}	Combination	Min	-14	-34	-0.1254	-6	-0.2216	-6
Base	B351	8	1472.73	GEO_{ENVE}	Combination	Min	-14	-31	-0.1266	-6	-0.1598	5
Base	B351	8	1963.64	GEO_{ENVE}	Combination	Min	-14	-28	-0.1279	-6	-0.09729	-1
Base	B351	8	2454.55	GEO_{ENVE}	Combination	Min	-14	-25	-0.1291	-6	0	-9
Base	B351	8	2945.45	GEO_{ENVE}	Combination	Min	-14	-22	-0.1303	-6	0	-18
Base	B351	8	3436.36	GEO_{ENVE}	Combination	Min	-14	-19	-0.1315	-6	-0.09558	-29
Base	B351	8	3927.27	GEO_{ENVE}	Combination	Min	-14	-16	-0.1328	-6	-0.1565	-41
Base	B351	8	4418.18	GEO_{ENVE}	Combination	Min	-14	-12	-0.134	-6	-0.2168	-55
Base	B351	8	4909.09	GEO_{ENVE}	Combination	Min	-14	-9	-0.1352	-6	-0.2766	-70
Base	B351	8	5400	GEO_{ENVE}	Combination	Min	-14	-6	-0.1364	-6	-0.3357	-87
Base	B409	11	0	GEO_{ENVE}	Combination	Max	14	7	0.1333	-6	0.3478	31
Base	B409	11	490.91	GEO_{ENVE}	Combination	Max	14	10	0.1321	-6	0.2826	26
Base	B409	11	981.82	GEO_{ENVE}	Combination	Max	14	13	0.1309	-6	0.2181	20
Base	B409	11	1472.73	GEO_{ENVE}	Combination	Max	14	17	0.1296	-6	0.1542	16
Base	B409	11	1963.64	GEO_{ENVE}	Combination	Max	14	20	0.1284	-6	0.09082	23
Base	B409	11	2454.55	GEO_{ENVE}	Combination	Max	14	23	0.1272	-6	0	33
Base	B409	11	2945.45	GEO_{ENVE}	Combination	Max	14	26	0.126	-6	0	43

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B409	11	3436.36	GEO$_{ENVE}$	Combination	Max	14	29	0.1247	-6	0.09373	52
Base	B409	11	3927.27	GEO$_{ENVE}$	Combination	Max	14	32	0.1235	-6	0.1586	60
Base	B409	11	4418.18	GEO$_{ENVE}$	Combination	Max	14	35	0.1223	-6	0.2241	66
Base	B409	11	4909.09	GEO$_{ENVE}$	Combination	Max	14	38	0.1211	-6	0.2902	71
Base	B409	11	5400	GEO$_{ENVE}$	Combination	Max	14	41	0.1198	-6	0.3568	74
Base	B409	11	0	GEO$_{ENVE}$	Combination	Min	-13	-39	-0.1229	-19	-0.3435	-43
Base	B409	11	490.91	GEO$_{ENVE}$	Combination	Min	-13	-35	-0.1242	-19	-0.2829	-25
Base	B409	11	981.82	GEO$_{ENVE}$	Combination	Min	-13	-32	-0.1254	-19	-0.2216	-8
Base	B409	11	1472.73	GEO$_{ENVE}$	Combination	Min	-13	-29	-0.1266	-19	-0.1598	4
Base	B409	11	1963.64	GEO$_{ENVE}$	Combination	Min	-13	-26	-0.1279	-19	-0.09729	4
Base	B409	11	2454.55	GEO$_{ENVE}$	Combination	Min	-13	-23	-0.1291	-19	0	-6
Base	B409	11	2945.45	GEO$_{ENVE}$	Combination	Min	-13	-20	-0.1303	-19	0	-18
Base	B409	11	3436.36	GEO$_{ENVE}$	Combination	Min	-13	-17	-0.1315	-19	-0.09558	-32
Base	B409	11	3927.27	GEO$_{ENVE}$	Combination	Min	-13	-14	-0.1328	-19	-0.1565	-46
Base	B409	11	4418.18	GEO$_{ENVE}$	Combination	Min	-13	-11	-0.134	-19	-0.2168	-63
Base	B409	11	4909.09	GEO$_{ENVE}$	Combination	Min	-13	-8	-0.1352	-19	-0.2766	-81
Base	B409	11	5400	GEO$_{ENVE}$	Combination	Min	-13	-5	-0.1364	-19	-0.3357	-100
Base	B410	25	0	GEO$_{ENVE}$	Combination	Max	14	-2	0.1333	13	0.3478	12
Base	B410	25	490.91	GEO$_{ENVE}$	Combination	Max	14	1	0.1321	13	0.2826	14
Base	B410	25	981.82	GEO$_{ENVE}$	Combination	Max	14	4	0.1309	13	0.2181	15
Base	B410	25	1472.73	GEO$_{ENVE}$	Combination	Max	14	7	0.1296	13	0.1542	17
Base	B410	25	1963.64	GEO$_{ENVE}$	Combination	Max	14	10	0.1284	13	0.09082	23
Base	B410	25	2454.55	GEO$_{ENVE}$	Combination	Max	14	13	0.1272	13	0	30
Base	B410	25	2945.45	GEO$_{ENVE}$	Combination	Max	14	16	0.126	13	0	37
Base	B410	25	3436.36	GEO$_{ENVE}$	Combination	Max	14	19	0.1247	13	0.09373	42
Base	B410	25	3927.27	GEO$_{ENVE}$	Combination	Max	14	22	0.1235	13	0.1586	46
Base	B410	25	4418.18	GEO$_{ENVE}$	Combination	Max	14	25	0.1223	13	0.2241	48
Base	B410	25	4909.09	GEO$_{ENVE}$	Combination	Max	14	28	0.1211	13	0.2902	49
Base	B410	25	5400	GEO$_{ENVE}$	Combination	Max	14	31	0.1198	13	0.3568	49
Base	B410	25	0	GEO$_{ENVE}$	Combination	Min	-14	-31	-0.1229	11	-0.3435	-28
Base	B410	25	490.91	GEO$_{ENVE}$	Combination	Min	-14	-28	-0.1242	11	-0.2829	-15
Base	B410	25	981.82	GEO$_{ENVE}$	Combination	Min	-14	-25	-0.1254	11	-0.2216	-5
Base	B410	25	1472.73	GEO$_{ENVE}$	Combination	Min	-14	-22	-0.1266	11	-0.1598	3
Base	B410	25	1963.64	GEO$_{ENVE}$	Combination	Min	-14	-19	-0.1279	11	-0.09729	2
Base	B410	25	2454.55	GEO$_{ENVE}$	Combination	Min	-14	-16	-0.1291	11	0	-1
Base	B410	25	2945.45	GEO$_{ENVE}$	Combination	Min	-14	-13	-0.1303	11	0	-8
Base	B410	25	3436.36	GEO$_{ENVE}$	Combination	Min	-14	-10	-0.1315	11	-0.09558	-17
Base	B410	25	3927.27	GEO$_{ENVE}$	Combination	Min	-14	-7	-0.1328	11	-0.1565	-27
Base	B410	25	4418.18	GEO$_{ENVE}$	Combination	Min	-14	-3	-0.134	11	-0.2168	-38
Base	B410	25	4909.09	GEO$_{ENVE}$	Combination	Min	-14	-0.3678	-0.1352	11	-0.2766	-51
Base	B410	25	5400	GEO$_{ENVE}$	Combination	Min	-14	3	-0.1364	11	-0.3357	-66
Base	B411	49	0	GEO$_{ENVE}$	Combination	Max	15	-6	0.1333	4	0.3478	6
Base	B411	49	490.91	GEO$_{ENVE}$	Combination	Max	15	-3	0.1321	4	0.2826	8
Base	B411	49	981.82	GEO$_{ENVE}$	Combination	Max	15	-0.1694	0.1309	4	0.2181	9
Base	B411	49	1472.73	GEO$_{ENVE}$	Combination	Max	15	3	0.1296	4	0.1542	9
Base	B411	49	1963.64	GEO$_{ENVE}$	Combination	Max	15	6	0.1284	4	0.09082	14

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B411	49	2454.55	GEO_{ENVE}	Combination	Max	15	9	0.1272	4	0	21
Base	B411	49	2945.45	GEO_{ENVE}	Combination	Max	15	12	0.126	4	0	27
Base	B411	49	3436.36	GEO_{ENVE}	Combination	Max	15	15	0.1247	4	0.09373	31
Base	B411	49	3927.27	GEO_{ENVE}	Combination	Max	15	18	0.1235	4	0.1586	34
Base	B411	49	4418.18	GEO_{ENVE}	Combination	Max	15	21	0.1223	4	0.2241	35
Base	B411	49	4909.09	GEO_{ENVE}	Combination	Max	15	24	0.1211	4	0.2902	35
Base	B411	49	5400	GEO_{ENVE}	Combination	Max	15	27	0.1198	4	0.3568	33
Base	B411	49	0	GEO_{ENVE}	Combination	Min	-14	-29	-0.1229	-10	-0.3435	-30
Base	B411	49	490.91	GEO_{ENVE}	Combination	Min	-14	-26	-0.1242	-10	-0.2829	-17
Base	B411	49	981.82	GEO_{ENVE}	Combination	Min	-14	-22	-0.1254	-10	-0.2216	-5
Base	B411	49	1472.73	GEO_{ENVE}	Combination	Min	-14	-19	-0.1266	-10	-0.1598	5
Base	B411	49	1963.64	GEO_{ENVE}	Combination	Min	-14	-16	-0.1279	-10	-0.09729	6
Base	B411	49	2454.55	GEO_{ENVE}	Combination	Min	-14	-13	-0.1291	-10	0	3
Base	B411	49	2945.45	GEO_{ENVE}	Combination	Min	-14	-10	-0.1303	-10	0	-3
Base	B411	49	3436.36	GEO_{ENVE}	Combination	Min	-14	-7	-0.1315	-10	-0.09558	-9
Base	B411	49	3927.27	GEO_{ENVE}	Combination	Min	-14	-4	-0.1328	-10	-0.1565	-17
Base	B411	49	4418.18	GEO_{ENVE}	Combination	Min	-14	-1	-0.134	-10	-0.2168	-27
Base	B411	49	4909.09	GEO_{ENVE}	Combination	Min	-14	2	-0.1352	-10	-0.2766	-38
Base	B411	49	5400	GEO_{ENVE}	Combination	Min	-14	5	-0.1364	-10	-0.3357	-51
Base	B412	654	0	GEO_{ENVE}	Combination	Max	16	-0.1072	0.1333	9	0.3478	25
Base	B412	654	490.91	GEO_{ENVE}	Combination	Max	16	3	0.1321	9	0.2826	24
Base	B412	654	981.82	GEO_{ENVE}	Combination	Max	16	6	0.1309	9	0.2181	22
Base	B412	654	1472.73	GEO_{ENVE}	Combination	Max	16	9	0.1296	9	0.1542	18
Base	B412	654	1963.64	GEO_{ENVE}	Combination	Max	16	12	0.1284	9	0.09082	13
Base	B412	654	2454.55	GEO_{ENVE}	Combination	Max	16	15	0.1272	9	0	15
Base	B412	654	2945.45	GEO_{ENVE}	Combination	Max	16	18	0.126	9	0	30
Base	B412	654	3436.36	GEO_{ENVE}	Combination	Max	16	21	0.1247	9	0.09373	43
Base	B412	654	3927.27	GEO_{ENVE}	Combination	Max	16	24	0.1235	9	0.1586	55
Base	B412	654	4418.18	GEO_{ENVE}	Combination	Max	16	27	0.1223	9	0.2241	66
Base	B412	654	4909.09	GEO_{ENVE}	Combination	Max	16	31	0.1211	9	0.2902	75
Base	B412	654	5400	GEO_{ENVE}	Combination	Max	16	34	0.1198	9	0.3568	82
Base	B412	654	0	GEO_{ENVE}	Combination	Min	-15	-48	-0.1229	-6	-0.3435	-83
Base	B412	654	490.91	GEO_{ENVE}	Combination	Min	-15	-44	-0.1242	-6	-0.2829	-61
Base	B412	654	981.82	GEO_{ENVE}	Combination	Min	-15	-41	-0.1254	-6	-0.2216	-39
Base	B412	654	1472.73	GEO_{ENVE}	Combination	Min	-15	-38	-0.1266	-6	-0.1598	-20
Base	B412	654	1963.64	GEO_{ENVE}	Combination	Min	-15	-35	-0.1279	-6	-0.09729	-2
Base	B412	654	2454.55	GEO_{ENVE}	Combination	Min	-15	-32	-0.1291	-6	0	6
Base	B412	654	2945.45	GEO_{ENVE}	Combination	Min	-15	-29	-0.1303	-6	0	-2
Base	B412	654	3436.36	GEO_{ENVE}	Combination	Min	-15	-26	-0.1315	-6	-0.09558	-11
Base	B412	654	3927.27	GEO_{ENVE}	Combination	Min	-15	-23	-0.1328	-6	-0.1565	-23
Base	B412	654	4418.18	GEO_{ENVE}	Combination	Min	-15	-20	-0.134	-6	-0.2168	-35
Base	B412	654	4909.09	GEO_{ENVE}	Combination	Min	-15	-17	-0.1352	-6	-0.2766	-50
Base	B412	654	5400	GEO_{ENVE}	Combination	Min	-15	-14	-0.1364	-6	-0.3357	-65
Base	B413	743	0	GEO_{ENVE}	Combination	Max	0	-12	0	9	0	11
Base	B413	743	485.02	GEO_{ENVE}	Combination	Max	0	-9	0	9	0	16
Base	B413	743	970.04	GEO_{ENVE}	Combination	Max	0	-6	0	9	0	19

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B413	743	1455.06	GEO$_{ENVE}$	Combination	Max	0	-2	0	9	0	21
Base	B413	743	1940.08	GEO$_{ENVE}$	Combination	Max	0	1	0	9	0	21
Base	B413	743	2425.1	GEO$_{ENVE}$	Combination	Max	0	4	0	9	0	21
Base	B413	743	2910.12	GEO$_{ENVE}$	Combination	Max	0	7	0	9	0	18
Base	B413	743	3395.14	GEO$_{ENVE}$	Combination	Max	0	10	0	9	0	14
Base	B413	743	3880.16	GEO$_{ENVE}$	Combination	Max	0	13	0	9	0	9
Base	B413	743	4365.18	GEO$_{ENVE}$	Combination	Max	0	16	0	9	0	5
Base	B413	743	4850.2	GEO$_{ENVE}$	Combination	Max	0	19	0	9	0	-0.1671
Base	B413	743	5335.22	GEO$_{ENVE}$	Combination	Max	0	22	0	9	0	-6
Base	B413	743	5820.24	GEO$_{ENVE}$	Combination	Max	0	25	0	9	0	-14
Base	B413	743	5820.24	GEO$_{ENVE}$	Combination	Max	0	-15	0	3	0	-15
Base	B413	743	6309.13	GEO$_{ENVE}$	Combination	Max	0	-12	0	3	0	-9
Base	B413	743	6798.02	GEO$_{ENVE}$	Combination	Max	0	-8	0	3	0	-4
Base	B413	743	7286.91	GEO$_{ENVE}$	Combination	Max	0	-5	0	3	0	-0.08714
Base	B413	743	7775.79	GEO$_{ENVE}$	Combination	Max	0	-2	0	3	0	3
Base	B413	743	8264.68	GEO$_{ENVE}$	Combination	Max	0	1	0	3	0	4
Base	B413	743	8753.57	GEO$_{ENVE}$	Combination	Max	0	4	0	3	0	4
Base	B413	743	9242.46	GEO$_{ENVE}$	Combination	Max	0	7	0	3	0	2
Base	B413	743	9731.35	GEO$_{ENVE}$	Combination	Max	0	10	0	3	0	-1
Base	B413	743	10220.24	GEO$_{ENVE}$	Combination	Max	0	13	0	3	0	-5
Base	B413	743	10220.24	GEO$_{ENVE}$	Combination	Max	0	-11	0	1	0	-4
Base	B413	743	10709.13	GEO$_{ENVE}$	Combination	Max	0	-8	0	1	0	0.4397
Base	B413	743	11198.02	GEO$_{ENVE}$	Combination	Max	0	-5	0	1	0	4
Base	B413	743	11686.91	GEO$_{ENVE}$	Combination	Max	0	-2	0	1	0	6
Base	B413	743	12175.79	GEO$_{ENVE}$	Combination	Max	0	1	0	1	0	6
Base	B413	743	12664.68	GEO$_{ENVE}$	Combination	Max	0	4	0	1	0	5
Base	B413	743	13153.57	GEO$_{ENVE}$	Combination	Max	0	7	0	1	0	4
Base	B413	743	13642.46	GEO$_{ENVE}$	Combination	Max	0	10	0	1	0	2
Base	B413	743	14131.35	GEO$_{ENVE}$	Combination	Max	0	13	0	1	0	-2
Base	B413	743	14620.24	GEO$_{ENVE}$	Combination	Max	0	16	0	1	0	-7
Base	B413	743	14620.24	GEO$_{ENVE}$	Combination	Max	0	-12	0	1	0	-7
Base	B413	743	15109.13	GEO$_{ENVE}$	Combination	Max	0	-9	0	1	0	-2
Base	B413	743	15598.02	GEO$_{ENVE}$	Combination	Max	0	-6	0	1	0	2
Base	B413	743	16086.91	GEO$_{ENVE}$	Combination	Max	0	-3	0	1	0	4
Base	B413	743	16575.79	GEO$_{ENVE}$	Combination	Max	0	-0.05467	0	1	0	5
Base	B413	743	17064.68	GEO$_{ENVE}$	Combination	Max	0	3	0	1	0	5
Base	B413	743	17553.57	GEO$_{ENVE}$	Combination	Max	0	6	0	1	0	5
Base	B413	743	18042.46	GEO$_{ENVE}$	Combination	Max	0	9	0	1	0	2
Base	B413	743	18531.35	GEO$_{ENVE}$	Combination	Max	0	12	0	1	0	-1
Base	B413	743	19020.24	GEO$_{ENVE}$	Combination	Max	0	15	0	1	0	-6
Base	B413	743	19020.24	GEO$_{ENVE}$	Combination	Max	0	-12	0	0	0	-6
Base	B413	743	19509.13	GEO$_{ENVE}$	Combination	Max	0	-9	0	0	0	-1
Base	B413	743	19998.02	GEO$_{ENVE}$	Combination	Max	0	-6	0	0	0	3
Base	B413	743	20486.91	GEO$_{ENVE}$	Combination	Max	0	-3	0	0	0	5
Base	B413	743	20975.79	GEO$_{ENVE}$	Combination	Max	0	0.428	0	0	0	5
Base	B413	743	21464.68	GEO$_{ENVE}$	Combination	Max	0	3	0	0	0	5

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B413	743	21953.57	GEO$_{ENVE}$	Combination	Max	0	7	0	0	0	4
Base	B413	743	22442.46	GEO$_{ENVE}$	Combination	Max	0	10	0	0	0	2
Base	B413	743	22931.35	GEO$_{ENVE}$	Combination	Max	0	13	0	0	0	-2
Base	B413	743	23420.24	GEO$_{ENVE}$	Combination	Max	0	16	0	0	0	-7
Base	B413	743	23420.24	GEO$_{ENVE}$	Combination	Max	0	-12	0	1	0	-7
Base	B413	743	23909.13	GEO$_{ENVE}$	Combination	Max	0	-9	0	1	0	-1
Base	B413	743	24398.02	GEO$_{ENVE}$	Combination	Max	0	-6	0	1	0	2
Base	B413	743	24886.91	GEO$_{ENVE}$	Combination	Max	0	-3	0	1	0	4
Base	B413	743	25375.79	GEO$_{ENVE}$	Combination	Max	0	0.1757	0	1	0	5
Base	B413	743	25864.68	GEO$_{ENVE}$	Combination	Max	0	3	0	1	0	5
Base	B413	743	26353.57	GEO$_{ENVE}$	Combination	Max	0	6	0	1	0	5
Base	B413	743	26842.46	GEO$_{ENVE}$	Combination	Max	0	9	0	1	0	2
Base	B413	743	27331.35	GEO$_{ENVE}$	Combination	Max	0	12	0	1	0	-1
Base	B413	743	27820.24	GEO$_{ENVE}$	Combination	Max	0	15	0	1	0	-6
Base	B413	743	27820.24	GEO$_{ENVE}$	Combination	Max	0	-12	0	-1	0	-5
Base	B413	743	28309.13	GEO$_{ENVE}$	Combination	Max	0	-9	0	-1	0	-0.4166
Base	B413	743	28798.02	GEO$_{ENVE}$	Combination	Max	0	-6	0	-1	0	3
Base	B413	743	29286.91	GEO$_{ENVE}$	Combination	Max	0	-3	0	-1	0	5
Base	B413	743	29775.79	GEO$_{ENVE}$	Combination	Max	0	0.3541	0	-1	0	6
Base	B413	743	30264.68	GEO$_{ENVE}$	Combination	Max	0	3	0	-1	0	6
Base	B413	743	30753.57	GEO$_{ENVE}$	Combination	Max	0	6	0	-1	0	5
Base	B413	743	31242.46	GEO$_{ENVE}$	Combination	Max	0	10	0	-1	0	3
Base	B413	743	31731.35	GEO$_{ENVE}$	Combination	Max	0	13	0	-1	0	-1
Base	B413	743	32220.24	GEO$_{ENVE}$	Combination	Max	0	16	0	-1	0	-6
Base	B413	743	32220.24	GEO$_{ENVE}$	Combination	Max	0	-12	0	-2	0	-7
Base	B413	743	32709.13	GEO$_{ENVE}$	Combination	Max	0	-9	0	-2	0	-2
Base	B413	743	33198.02	GEO$_{ENVE}$	Combination	Max	0	-6	0	-2	0	2
Base	B413	743	33686.91	GEO$_{ENVE}$	Combination	Max	0	-3	0	-2	0	4
Base	B413	743	34175.79	GEO$_{ENVE}$	Combination	Max	0	0.1997	0	-2	0	5
Base	B413	743	34664.68	GEO$_{ENVE}$	Combination	Max	0	3	0	-2	0	4
Base	B413	743	35153.57	GEO$_{ENVE}$	Combination	Max	0	6	0	-2	0	2
Base	B413	743	35642.46	GEO$_{ENVE}$	Combination	Max	0	9	0	-2	0	-2
Base	B413	743	36131.35	GEO$_{ENVE}$	Combination	Max	0	12	0	-2	0	-6
Base	B413	743	36620.24	GEO$_{ENVE}$	Combination	Max	0	15	0	-2	0	-13
Base	B413	743	36620.24	GEO$_{ENVE}$	Combination	Max	0	-12	0	-7	0	-7
Base	B413	743	37095.23	GEO$_{ENVE}$	Combination	Max	0	-9	0	-7	0	-2
Base	B413	743	37570.22	GEO$_{ENVE}$	Combination	Max	0	-6	0	-7	0	1
Base	B413	743	38045.22	GEO$_{ENVE}$	Combination	Max	0	-3	0	-7	0	4
Base	B413	743	38520.21	GEO$_{ENVE}$	Combination	Max	0	0	0	-7	0	9
Base	B413	743	38995.2	GEO$_{ENVE}$	Combination	Max	0	3	0	-7	0	14
Base	B413	743	39470.19	GEO$_{ENVE}$	Combination	Max	0	6	0	-7	0	16
Base	B413	743	39945.18	GEO$_{ENVE}$	Combination	Max	0	9	0	-7	0	18
Base	B413	743	40420.18	GEO$_{ENVE}$	Combination	Max	0	12	0	-7	0	18
Base	B413	743	40895.17	GEO$_{ENVE}$	Combination	Max	0	15	0	-7	0	16
Base	B413	743	41370.16	GEO$_{ENVE}$	Combination	Max	0	18	0	-7	0	13
Base	B413	743	0	GEO$_{ENVE}$	Combination	Min	0	-19	0	6	0	-19

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B413	743	485.02	GEO_{ENVE}	Combination	Min	0	-16	0	6	0	-10
Base	B413	743	970.04	GEO_{ENVE}	Combination	Min	0	-13	0	6	0	-3
Base	B413	743	1455.06	GEO_{ENVE}	Combination	Min	0	-10	0	6	0	2
Base	B413	743	1940.08	GEO_{ENVE}	Combination	Min	0	-7	0	6	0	6
Base	B413	743	2425.1	GEO_{ENVE}	Combination	Min	0	-4	0	6	0	9
Base	B413	743	2910.12	GEO_{ENVE}	Combination	Min	0	-1	0	6	0	10
Base	B413	743	3395.14	GEO_{ENVE}	Combination	Min	0	2	0	6	0	10
Base	B413	743	3880.16	GEO_{ENVE}	Combination	Min	0	5	0	6	0	8
Base	B413	743	4365.18	GEO_{ENVE}	Combination	Min	0	8	0	6	0	2
Base	B413	743	4850.2	GEO_{ENVE}	Combination	Min	0	11	0	6	0	-7
Base	B413	743	5335.22	GEO_{ENVE}	Combination	Min	0	14	0	6	0	-16
Base	B413	743	5820.24	GEO_{ENVE}	Combination	Min	0	17	0	6	0	-28
Base	B413	743	5820.24	GEO_{ENVE}	Combination	Min	0	-17	0	2	0	-19
Base	B413	743	6309.13	GEO_{ENVE}	Combination	Min	0	-14	0	2	0	-11
Base	B413	743	6798.02	GEO_{ENVE}	Combination	Min	0	-11	0	2	0	-5
Base	B413	743	7286.91	GEO_{ENVE}	Combination	Min	0	-8	0	2	0	-1
Base	B413	743	7775.79	GEO_{ENVE}	Combination	Min	0	-5	0	2	0	1
Base	B413	743	8264.68	GEO_{ENVE}	Combination	Min	0	-1	0	2	0	2
Base	B413	743	8753.57	GEO_{ENVE}	Combination	Min	0	2	0	2	0	1
Base	B413	743	9242.46	GEO_{ENVE}	Combination	Min	0	5	0	2	0	-2
Base	B413	743	9731.35	GEO_{ENVE}	Combination	Min	0	8	0	2	0	-6
Base	B413	743	10220.24	GEO_{ENVE}	Combination	Min	0	11	0	2	0	-11
Base	B413	743	10220.24	GEO_{ENVE}	Combination	Min	0	-15	0	-0.2645	0	-13
Base	B413	743	10709.13	GEO_{ENVE}	Combination	Min	0	-12	0	-0.2645	0	-6
Base	B413	743	11198.02	GEO_{ENVE}	Combination	Min	0	-9	0	-0.2645	0	-1
Base	B413	743	11686.91	GEO_{ENVE}	Combination	Min	0	-6	0	-0.2645	0	2
Base	B413	743	12175.79	GEO_{ENVE}	Combination	Min	0	-3	0	-0.2645	0	5
Base	B413	743	12664.68	GEO_{ENVE}	Combination	Min	0	0.3009	0	-0.2645	0	5
Base	B413	743	13153.57	GEO_{ENVE}	Combination	Min	0	3	0	-0.2645	0	2
Base	B413	743	13642.46	GEO_{ENVE}	Combination	Min	0	6	0	-0.2645	0	-2
Base	B413	743	14131.35	GEO_{ENVE}	Combination	Min	0	9	0	-0.2645	0	-8
Base	B413	743	14620.24	GEO_{ENVE}	Combination	Min	0	13	0	-0.2645	0	-15
Base	B413	743	14620.24	GEO_{ENVE}	Combination	Min	0	-15	0	0.1059	0	-14
Base	B413	743	15109.13	GEO_{ENVE}	Combination	Min	0	-12	0	0.1059	0	-7
Base	B413	743	15598.02	GEO_{ENVE}	Combination	Min	0	-9	0	0.1059	0	-2
Base	B413	743	16086.91	GEO_{ENVE}	Combination	Min	0	-6	0	0.1059	0	2
Base	B413	743	16575.79	GEO_{ENVE}	Combination	Min	0	-3	0	0.1059	0	4
Base	B413	743	17064.68	GEO_{ENVE}	Combination	Min	0	-0.1814	0	0.1059	0	4
Base	B413	743	17553.57	GEO_{ENVE}	Combination	Min	0	3	0	0.1059	0	2
Base	B413	743	18042.46	GEO_{ENVE}	Combination	Min	0	6	0	0.1059	0	-2
Base	B413	743	18531.35	GEO_{ENVE}	Combination	Min	0	9	0	0.1059	0	-7
Base	B413	743	19020.24	GEO_{ENVE}	Combination	Min	0	12	0	0.1059	0	-13
Base	B413	743	19020.24	GEO_{ENVE}	Combination	Min	0	-15	0	-1	0	-13
Base	B413	743	19509.13	GEO_{ENVE}	Combination	Min	0	-12	0	-1	0	-6
Base	B413	743	19998.02	GEO_{ENVE}	Combination	Min	0	-9	0	-1	0	-1
Base	B413	743	20486.91	GEO_{ENVE}	Combination	Min	0	-6	0	-1	0	2

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B413	743	20975.79	GEO_{ENVE}	Combination	Min	0	-3	0	-1	0	5
Base	B413	743	21464.68	GEO_{ENVE}	Combination	Min	0	0.1224	0	-1	0	4
Base	B413	743	21953.57	GEO_{ENVE}	Combination	Min	0	3	0	-1	0	2
Base	B413	743	22442.46	GEO_{ENVE}	Combination	Min	0	6	0	-1	0	-2
Base	B413	743	22931.35	GEO_{ENVE}	Combination	Min	0	9	0	-1	0	-7
Base	B413	743	23420.24	GEO_{ENVE}	Combination	Min	0	12	0	-1	0	-14
Base	B413	743	23420.24	GEO_{ENVE}	Combination	Min	0	-15	0	-0.1521	0	-14
Base	B413	743	23909.13	GEO_{ENVE}	Combination	Min	0	-12	0	-0.1521	0	-7
Base	B413	743	24398.02	GEO_{ENVE}	Combination	Min	0	-9	0	-0.1521	0	-2
Base	B413	743	24886.91	GEO_{ENVE}	Combination	Min	0	-6	0	-0.1521	0	2
Base	B413	743	25375.79	GEO_{ENVE}	Combination	Min	0	-3	0	-0.1521	0	4
Base	B413	743	25864.68	GEO_{ENVE}	Combination	Min	0	-0.1168	0	-0.1521	0	4
Base	B413	743	26353.57	GEO_{ENVE}	Combination	Min	0	3	0	-0.1521	0	2
Base	B413	743	26842.46	GEO_{ENVE}	Combination	Min	0	6	0	-0.1521	0	-2
Base	B413	743	27331.35	GEO_{ENVE}	Combination	Min	0	9	0	-0.1521	0	-7
Base	B413	743	27820.24	GEO_{ENVE}	Combination	Min	0	12	0	-0.1521	0	-14
Base	B413	743	27820.24	GEO_{ENVE}	Combination	Min	0	-15	0	-2	0	-13
Base	B413	743	28309.13	GEO_{ENVE}	Combination	Min	0	-12	0	-2	0	-6
Base	B413	743	28798.02	GEO_{ENVE}	Combination	Min	0	-9	0	-2	0	-1
Base	B413	743	29286.91	GEO_{ENVE}	Combination	Min	0	-6	0	-2	0	3
Base	B413	743	29775.79	GEO_{ENVE}	Combination	Min	0	-3	0	-2	0	5
Base	B413	743	30264.68	GEO_{ENVE}	Combination	Min	0	-0.1663	0	-2	0	5
Base	B413	743	30753.57	GEO_{ENVE}	Combination	Min	0	3	0	-2	0	2
Base	B413	743	31242.46	GEO_{ENVE}	Combination	Min	0	6	0	-2	0	-1
Base	B413	743	31731.35	GEO_{ENVE}	Combination	Min	0	9	0	-2	0	-7
Base	B413	743	32220.24	GEO_{ENVE}	Combination	Min	0	12	0	-2	0	-14
Base	B413	743	32220.24	GEO_{ENVE}	Combination	Min	0	-14	0	-3	0	-13
Base	B413	743	32709.13	GEO_{ENVE}	Combination	Min	0	-11	0	-3	0	-7
Base	B413	743	33198.02	GEO_{ENVE}	Combination	Min	0	-8	0	-3	0	-2
Base	B413	743	33686.91	GEO_{ENVE}	Combination	Min	0	-5	0	-3	0	1
Base	B413	743	34175.79	GEO_{ENVE}	Combination	Min	0	-2	0	-3	0	2
Base	B413	743	34664.68	GEO_{ENVE}	Combination	Min	0	2	0	-3	0	2
Base	B413	743	35153.57	GEO_{ENVE}	Combination	Min	0	5	0	-3	0	1
Base	B413	743	35642.46	GEO_{ENVE}	Combination	Min	0	8	0	-3	0	-2
Base	B413	743	36131.35	GEO_{ENVE}	Combination	Min	0	11	0	-3	0	-8
Base	B413	743	36620.24	GEO_{ENVE}	Combination	Min	0	14	0	-3	0	-14
Base	B413	743	36620.24	GEO_{ENVE}	Combination	Min	0	-22	0	-10	0	-21
Base	B413	743	37095.23	GEO_{ENVE}	Combination	Min	0	-19	0	-10	0	-12
Base	B413	743	37570.22	GEO_{ENVE}	Combination	Min	0	-16	0	-10	0	-3
Base	B413	743	38045.22	GEO_{ENVE}	Combination	Min	0	-13	0	-10	0	3
Base	B413	743	38520.21	GEO_{ENVE}	Combination	Min	0	-10	0	-10	0	4
Base	B413	743	38995.2	GEO_{ENVE}	Combination	Min	0	-7	0	-10	0	3
Base	B413	743	39470.19	GEO_{ENVE}	Combination	Min	0	-4	0	-10	0	1
Base	B413	743	39945.18	GEO_{ENVE}	Combination	Min	0	-1	0	-10	0	-2
Base	B413	743	40420.18	GEO_{ENVE}	Combination	Min	0	2	0	-10	0	-7
Base	B413	743	40895.17	GEO_{ENVE}	Combination	Min	0	5	0	-10	0	-14

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B413	743	41370.16	GEO_{ENVE}	Combination	Min	0	8	0	-10	0	-22
Base	B414	768	0	GEO_{ENVE}	Combination	Max	0	-16	0	-2	0	7
Base	B414	768	492.31	GEO_{ENVE}	Combination	Max	0	-13	0	-2	0	14
Base	B414	768	984.62	GEO_{ENVE}	Combination	Max	0	-10	0	-2	0	19
Base	B414	768	1476.92	GEO_{ENVE}	Combination	Max	0	-6	0	-2	0	23
Base	B414	768	1969.23	GEO_{ENVE}	Combination	Max	0	-3	0	-2	0	26
Base	B414	768	2461.54	GEO_{ENVE}	Combination	Max	0	-0.3098	0	-2	0	27
Base	B414	768	2953.85	GEO_{ENVE}	Combination	Max	0	3	0	-2	0	26
Base	B414	768	3446.15	GEO_{ENVE}	Combination	Max	0	6	0	-2	0	24
Base	B414	768	3938.46	GEO_{ENVE}	Combination	Max	0	9	0	-2	0	20
Base	B414	768	4430.77	GEO_{ENVE}	Combination	Max	0	12	0	-2	0	18
Base	B414	768	4923.08	GEO_{ENVE}	Combination	Max	0	15	0	-2	0	16
Base	B414	768	5415.38	GEO_{ENVE}	Combination	Max	0	18	0	-2	0	12
Base	B414	768	5907.69	GEO_{ENVE}	Combination	Max	0	21	0	-2	0	7
Base	B414	768	6400	GEO_{ENVE}	Combination	Max	0	24	0	-2	0	0
Base	B414	768	0	GEO_{ENVE}	Combination	Min	0	-25	0	-3	0	-30
Base	B414	768	492.31	GEO_{ENVE}	Combination	Min	0	-22	0	-3	0	-19
Base	B414	768	984.62	GEO_{ENVE}	Combination	Min	0	-19	0	-3	0	-9
Base	B414	768	1476.92	GEO_{ENVE}	Combination	Min	0	-15	0	-3	0	-0.427
Base	B414	768	1969.23	GEO_{ENVE}	Combination	Min	0	-12	0	-3	0	6
Base	B414	768	2461.54	GEO_{ENVE}	Combination	Min	0	-9	0	-3	0	12
Base	B414	768	2953.85	GEO_{ENVE}	Combination	Min	0	-6	0	-3	0	16
Base	B414	768	3446.15	GEO_{ENVE}	Combination	Min	0	-3	0	-3	0	18
Base	B414	768	3938.46	GEO_{ENVE}	Combination	Min	0	-0.09439	0	-3	0	19
Base	B414	768	4430.77	GEO_{ENVE}	Combination	Min	0	3	0	-3	0	15
Base	B414	768	4923.08	GEO_{ENVE}	Combination	Min	0	6	0	-3	0	9
Base	B414	768	5415.38	GEO_{ENVE}	Combination	Min	0	9	0	-3	0	0.3899
Base	B414	768	5907.69	GEO_{ENVE}	Combination	Min	0	12	0	-3	0	-9
Base	B414	768	6400	GEO_{ENVE}	Combination	Min	0	15	0	-3	0	-21
Base	B415	769	0	GEO_{ENVE}	Combination	Max	0	-16	0	1	0	9
Base	B415	769	492.31	GEO_{ENVE}	Combination	Max	0	-13	0	1	0	16
Base	B415	769	984.62	GEO_{ENVE}	Combination	Max	0	-9	0	1	0	22
Base	B415	769	1476.92	GEO_{ENVE}	Combination	Max	0	-6	0	1	0	26
Base	B415	769	1969.23	GEO_{ENVE}	Combination	Max	0	-3	0	1	0	28
Base	B415	769	2461.54	GEO_{ENVE}	Combination	Max	0	-0.2414	0	1	0	29
Base	B415	769	2953.85	GEO_{ENVE}	Combination	Max	0	3	0	1	0	28
Base	B415	769	3446.15	GEO_{ENVE}	Combination	Max	0	6	0	1	0	26
Base	B415	769	3938.46	GEO_{ENVE}	Combination	Max	0	9	0	1	0	22
Base	B415	769	4430.77	GEO_{ENVE}	Combination	Max	0	12	0	1	0	20
Base	B415	769	4923.08	GEO_{ENVE}	Combination	Max	0	15	0	1	0	18
Base	B415	769	5415.38	GEO_{ENVE}	Combination	Max	0	18	0	1	0	15
Base	B415	769	5907.69	GEO_{ENVE}	Combination	Max	0	21	0	1	0	10
Base	B415	769	6400	GEO_{ENVE}	Combination	Max	0	24	0	1	0	4
Base	B415	769	0	GEO_{ENVE}	Combination	Min	0	-26	0	0.1366	0	-32
Base	B415	769	492.31	GEO_{ENVE}	Combination	Min	0	-22	0	0.1366	0	-20
Base	B415	769	984.62	GEO_{ENVE}	Combination	Min	0	-19	0	0.1366	0	-10

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B415	769	1476.92	GEO ENVE	Combination	Min	0	-16	0	0.1366	0	-1
Base	B415	769	1969.23	GEO ENVE	Combination	Min	0	-13	0	0.1366	0	6
Base	B415	769	2461.54	GEO ENVE	Combination	Min	0	-10	0	0.1366	0	12
Base	B415	769	2953.85	GEO ENVE	Combination	Min	0	-7	0	0.1366	0	16
Base	B415	769	3446.15	GEO ENVE	Combination	Min	0	-4	0	0.1366	0	19
Base	B415	769	3938.46	GEO ENVE	Combination	Min	0	-1	0	0.1366	0	20
Base	B415	769	4430.77	GEO ENVE	Combination	Min	0	2	0	0.1366	0	17
Base	B415	769	4923.08	GEO ENVE	Combination	Min	0	5	0	0.1366	0	10
Base	B415	769	5415.38	GEO ENVE	Combination	Min	0	8	0	0.1366	0	2
Base	B415	769	5907.69	GEO ENVE	Combination	Min	0	11	0	0.1366	0	-7
Base	B415	769	6400	GEO ENVE	Combination	Min	0	14	0	0.1366	0	-19
Base	B416	770	0	GEO ENVE	Combination	Max	0	-16	0	0	0	9
Base	B416	770	492.31	GEO ENVE	Combination	Max	0	-13	0	0	0	16
Base	B416	770	984.62	GEO ENVE	Combination	Max	0	-10	0	0	0	22
Base	B416	770	1476.92	GEO ENVE	Combination	Max	0	-7	0	0	0	26
Base	B416	770	1969.23	GEO ENVE	Combination	Max	0	-4	0	0	0	28
Base	B416	770	2461.54	GEO ENVE	Combination	Max	0	-0.4884	0	0	0	29
Base	B416	770	2953.85	GEO ENVE	Combination	Max	0	3	0	0	0	29
Base	B416	770	3446.15	GEO ENVE	Combination	Max	0	6	0	0	0	27
Base	B416	770	3938.46	GEO ENVE	Combination	Max	0	9	0	0	0	23
Base	B416	770	4430.77	GEO ENVE	Combination	Max	0	12	0	0	0	21
Base	B416	770	4923.08	GEO ENVE	Combination	Max	0	15	0	0	0	19
Base	B416	770	5415.38	GEO ENVE	Combination	Max	0	18	0	0	0	16
Base	B416	770	5907.69	GEO ENVE	Combination	Max	0	21	0	0	0	11
Base	B416	770	6400	GEO ENVE	Combination	Max	0	24	0	0	0	5
Base	B416	770	0	GEO ENVE	Combination	Min	0	-26	0	-0.2108	0	-32
Base	B416	770	492.31	GEO ENVE	Combination	Min	0	-23	0	-0.2108	0	-20
Base	B416	770	984.62	GEO ENVE	Combination	Min	0	-20	0	-0.2108	0	-10
Base	B416	770	1476.92	GEO ENVE	Combination	Min	0	-16	0	-0.2108	0	-1
Base	B416	770	1969.23	GEO ENVE	Combination	Min	0	-13	0	-0.2108	0	6
Base	B416	770	2461.54	GEO ENVE	Combination	Min	0	-10	0	-0.2108	0	12
Base	B416	770	2953.85	GEO ENVE	Combination	Min	0	-7	0	-0.2108	0	17
Base	B416	770	3446.15	GEO ENVE	Combination	Min	0	-4	0	-0.2108	0	19
Base	B416	770	3938.46	GEO ENVE	Combination	Min	0	-1	0	-0.2108	0	21
Base	B416	770	4430.77	GEO ENVE	Combination	Min	0	2	0	-0.2108	0	18
Base	B416	770	4923.08	GEO ENVE	Combination	Min	0	5	0	-0.2108	0	12
Base	B416	770	5415.38	GEO ENVE	Combination	Min	0	8	0	-0.2108	0	4
Base	B416	770	5907.69	GEO ENVE	Combination	Min	0	11	0	-0.2108	0	-6
Base	B416	770	6400	GEO ENVE	Combination	Min	0	14	0	-0.2108	0	-17
Base	B417	771	0	GEO ENVE	Combination	Max	0	-16	0	0.09264	0	10
Base	B417	771	492.31	GEO ENVE	Combination	Max	0	-13	0	0.09264	0	17
Base	B417	771	984.62	GEO ENVE	Combination	Max	0	-10	0	0.09264	0	23
Base	B417	771	1476.92	GEO ENVE	Combination	Max	0	-6	0	0.09264	0	26
Base	B417	771	1969.23	GEO ENVE	Combination	Max	0	-3	0	0.09264	0	29
Base	B417	771	2461.54	GEO ENVE	Combination	Max	0	-0.2915	0	0.09264	0	30
Base	B417	771	2953.85	GEO ENVE	Combination	Max	0	3	0	0.09264	0	29

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B417	771	3446.15	GEO$_{ENVE}$	Combination	Max	0	6	0	0.09264	0	27
Base	B417	771	3938.46	GEO$_{ENVE}$	Combination	Max	0	9	0	0.09264	0	24
Base	B417	771	4430.77	GEO$_{ENVE}$	Combination	Max	0	12	0	0.09264	0	20
Base	B417	771	4923.08	GEO$_{ENVE}$	Combination	Max	0	15	0	0.09264	0	19
Base	B417	771	5415.38	GEO$_{ENVE}$	Combination	Max	0	18	0	0.09264	0	15
Base	B417	771	5907.69	GEO$_{ENVE}$	Combination	Max	0	21	0	0.09264	0	10
Base	B417	771	6400	GEO$_{ENVE}$	Combination	Max	0	24	0	0.09264	0	4
Base	B417	771	0	GEO$_{ENVE}$	Combination	Min	0	-25	0	0	0	-31
Base	B417	771	492.31	GEO$_{ENVE}$	Combination	Min	0	-22	0	0	0	-19
Base	B417	771	984.62	GEO$_{ENVE}$	Combination	Min	0	-19	0	0	0	-9
Base	B417	771	1476.92	GEO$_{ENVE}$	Combination	Min	0	-16	0	0	0	-0.1443
Base	B417	771	1969.23	GEO$_{ENVE}$	Combination	Min	0	-13	0	0	0	7
Base	B417	771	2461.54	GEO$_{ENVE}$	Combination	Min	0	-10	0	0	0	13
Base	B417	771	2953.85	GEO$_{ENVE}$	Combination	Min	0	-7	0	0	0	17
Base	B417	771	3446.15	GEO$_{ENVE}$	Combination	Min	0	-4	0	0	0	20
Base	B417	771	3938.46	GEO$_{ENVE}$	Combination	Min	0	-1	0	0	0	21
Base	B417	771	4430.77	GEO$_{ENVE}$	Combination	Min	0	2	0	0	0	18
Base	B417	771	4923.08	GEO$_{ENVE}$	Combination	Min	0	5	0	0	0	12
Base	B417	771	5415.38	GEO$_{ENVE}$	Combination	Min	0	8	0	0	0	3
Base	B417	771	5907.69	GEO$_{ENVE}$	Combination	Min	0	12	0	0	0	-6
Base	B417	771	6400	GEO$_{ENVE}$	Combination	Min	0	15	0	0	0	-18
Base	B418	840	0	GEO$_{ENVE}$	Combination	Max	0	-16	0	0	0	9
Base	B418	840	492.31	GEO$_{ENVE}$	Combination	Max	0	-13	0	0	0	16
Base	B418	840	984.62	GEO$_{ENVE}$	Combination	Max	0	-10	0	0	0	22
Base	B418	840	1476.92	GEO$_{ENVE}$	Combination	Max	0	-7	0	0	0	26
Base	B418	840	1969.23	GEO$_{ENVE}$	Combination	Max	0	-4	0	0	0	28
Base	B418	840	2461.54	GEO$_{ENVE}$	Combination	Max	0	-0.451	0	0	0	29
Base	B418	840	2953.85	GEO$_{ENVE}$	Combination	Max	0	3	0	0	0	29
Base	B418	840	3446.15	GEO$_{ENVE}$	Combination	Max	0	6	0	0	0	27
Base	B418	840	3938.46	GEO$_{ENVE}$	Combination	Max	0	9	0	0	0	23
Base	B418	840	4430.77	GEO$_{ENVE}$	Combination	Max	0	12	0	0	0	20
Base	B418	840	4923.08	GEO$_{ENVE}$	Combination	Max	0	15	0	0	0	18
Base	B418	840	5415.38	GEO$_{ENVE}$	Combination	Max	0	18	0	0	0	14
Base	B418	840	5907.69	GEO$_{ENVE}$	Combination	Max	0	21	0	0	0	9
Base	B418	840	6400	GEO$_{ENVE}$	Combination	Max	0	24	0	0	0	3
Base	B418	840	0	GEO$_{ENVE}$	Combination	Min	0	-25	0	-1	0	-29
Base	B418	840	492.31	GEO$_{ENVE}$	Combination	Min	0	-22	0	-1	0	-18
Base	B418	840	984.62	GEO$_{ENVE}$	Combination	Min	0	-19	0	-1	0	-8
Base	B418	840	1476.92	GEO$_{ENVE}$	Combination	Min	0	-16	0	-1	0	1
Base	B418	840	1969.23	GEO$_{ENVE}$	Combination	Min	0	-13	0	-1	0	8
Base	B418	840	2461.54	GEO$_{ENVE}$	Combination	Min	0	-10	0	-1	0	13
Base	B418	840	2953.85	GEO$_{ENVE}$	Combination	Min	0	-7	0	-1	0	17
Base	B418	840	3446.15	GEO$_{ENVE}$	Combination	Min	0	-3	0	-1	0	20
Base	B418	840	3938.46	GEO$_{ENVE}$	Combination	Min	0	-0.4142	0	-1	0	21
Base	B418	840	4430.77	GEO$_{ENVE}$	Combination	Min	0	3	0	-1	0	18
Base	B418	840	4923.08	GEO$_{ENVE}$	Combination	Min	0	6	0	-1	0	12

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B418	840	5415.38	GEO_{ENVE}	Combination	Min	0	9	0	-1	0	3
Base	B418	840	5907.69	GEO_{ENVE}	Combination	Min	0	12	0	-1	0	-6
Base	B418	840	6400	GEO_{ENVE}	Combination	Min	0	15	0	-1	0	-17
Base	B419	841	0	GEO_{ENVE}	Combination	Max	0	-16	0	1	0	8
Base	B419	841	492.31	GEO_{ENVE}	Combination	Max	0	-13	0	1	0	15
Base	B419	841	984.62	GEO_{ENVE}	Combination	Max	0	-10	0	1	0	21
Base	B419	841	1476.92	GEO_{ENVE}	Combination	Max	0	-7	0	1	0	25
Base	B419	841	1969.23	GEO_{ENVE}	Combination	Max	0	-4	0	1	0	28
Base	B419	841	2461.54	GEO_{ENVE}	Combination	Max	0	-1	0	1	0	29
Base	B419	841	2953.85	GEO_{ENVE}	Combination	Max	0	2	0	1	0	28
Base	B419	841	3446.15	GEO_{ENVE}	Combination	Max	0	6	0	1	0	26
Base	B419	841	3938.46	GEO_{ENVE}	Combination	Max	0	9	0	1	0	23
Base	B419	841	4430.77	GEO_{ENVE}	Combination	Max	0	12	0	1	0	20
Base	B419	841	4923.08	GEO_{ENVE}	Combination	Max	0	15	0	1	0	18
Base	B419	841	5415.38	GEO_{ENVE}	Combination	Max	0	18	0	1	0	14
Base	B419	841	5907.69	GEO_{ENVE}	Combination	Max	0	21	0	1	0	9
Base	B419	841	6400	GEO_{ENVE}	Combination	Max	0	24	0	1	0	2
Base	B419	841	0	GEO_{ENVE}	Combination	Min	0	-25	0	-0.1418	0	-30
Base	B419	841	492.31	GEO_{ENVE}	Combination	Min	0	-22	0	-0.1418	0	-18
Base	B419	841	984.62	GEO_{ENVE}	Combination	Min	0	-19	0	-0.1418	0	-8
Base	B419	841	1476.92	GEO_{ENVE}	Combination	Min	0	-16	0	-0.1418	0	0.4138
Base	B419	841	1969.23	GEO_{ENVE}	Combination	Min	0	-13	0	-0.1418	0	7
Base	B419	841	2461.54	GEO_{ENVE}	Combination	Min	0	-10	0	-0.1418	0	13
Base	B419	841	2953.85	GEO_{ENVE}	Combination	Min	0	-7	0	-0.1418	0	17
Base	B419	841	3446.15	GEO_{ENVE}	Combination	Min	0	-3	0	-0.1418	0	19
Base	B419	841	3938.46	GEO_{ENVE}	Combination	Min	0	-0.3991	0	-0.1418	0	20
Base	B419	841	4430.77	GEO_{ENVE}	Combination	Min	0	3	0	-0.1418	0	18
Base	B419	841	4923.08	GEO_{ENVE}	Combination	Min	0	6	0	-0.1418	0	11
Base	B419	841	5415.38	GEO_{ENVE}	Combination	Min	0	9	0	-0.1418	0	3
Base	B419	841	5907.69	GEO_{ENVE}	Combination	Min	0	12	0	-0.1418	0	-6
Base	B419	841	6400	GEO_{ENVE}	Combination	Min	0	15	0	-0.1418	0	-18
Base	B420	843	0	GEO_{ENVE}	Combination	Max	0	-16	0	1	0	7
Base	B420	843	492.31	GEO_{ENVE}	Combination	Max	0	-13	0	1	0	14
Base	B420	843	984.62	GEO_{ENVE}	Combination	Max	0	-10	0	1	0	20
Base	B420	843	1476.92	GEO_{ENVE}	Combination	Max	0	-6	0	1	0	24
Base	B420	843	1969.23	GEO_{ENVE}	Combination	Max	0	-3	0	1	0	26
Base	B420	843	2461.54	GEO_{ENVE}	Combination	Max	0	-0.2975	0	1	0	27
Base	B420	843	2953.85	GEO_{ENVE}	Combination	Max	0	3	0	1	0	26
Base	B420	843	3446.15	GEO_{ENVE}	Combination	Max	0	6	0	1	0	24
Base	B420	843	3938.46	GEO_{ENVE}	Combination	Max	0	9	0	1	0	21
Base	B420	843	4430.77	GEO_{ENVE}	Combination	Max	0	12	0	1	0	17
Base	B420	843	4923.08	GEO_{ENVE}	Combination	Max	0	15	0	1	0	15
Base	B420	843	5415.38	GEO_{ENVE}	Combination	Max	0	18	0	1	0	11
Base	B420	843	5907.69	GEO_{ENVE}	Combination	Max	0	21	0	1	0	5
Base	B420	843	6400	GEO_{ENVE}	Combination	Max	0	24	0	1	0	-2
Base	B420	843	0	GEO_{ENVE}	Combination	Min	0	-24	0	1	0	-27

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B420	843	492.31	GEO_{ENVE}	Combination	Min	0	-21	0	1	0	-16
Base	B420	843	984.62	GEO_{ENVE}	Combination	Min	0	-18	0	1	0	-7
Base	B420	843	1476.92	GEO_{ENVE}	Combination	Min	0	-15	0	1	0	1
Base	B420	843	1969.23	GEO_{ENVE}	Combination	Min	0	-12	0	1	0	8
Base	B420	843	2461.54	GEO_{ENVE}	Combination	Min	0	-9	0	1	0	13
Base	B420	843	2953.85	GEO_{ENVE}	Combination	Min	0	-5	0	1	0	16
Base	B420	843	3446.15	GEO_{ENVE}	Combination	Min	0	-2	0	1	0	18
Base	B420	843	3938.46	GEO_{ENVE}	Combination	Min	0	1	0	1	0	18
Base	B420	843	4430.77	GEO_{ENVE}	Combination	Min	0	4	0	1	0	15
Base	B420	843	4923.08	GEO_{ENVE}	Combination	Min	0	7	0	1	0	9
Base	B420	843	5415.38	GEO_{ENVE}	Combination	Min	0	10	0	1	0	1
Base	B420	843	5907.69	GEO_{ENVE}	Combination	Min	0	13	0	1	0	-9
Base	B420	843	6400	GEO_{ENVE}	Combination	Min	0	16	0	1	0	-20
Base	B422	881	0	GEO_{ENVE}	Combination	Max	0	-37	0	14	0	-38
Base	B422	881	494.78	GEO_{ENVE}	Combination	Max	0	-30	0	14	0	-22
Base	B422	881	989.56	GEO_{ENVE}	Combination	Max	0	-24	0	14	0	-8
Base	B422	881	1484.34	GEO_{ENVE}	Combination	Max	0	-18	0	14	0	2
Base	B422	881	1979.13	GEO_{ENVE}	Combination	Max	0	-11	0	14	0	10
Base	B422	881	2473.91	GEO_{ENVE}	Combination	Max	0	-5	0	14	0	18
Base	B422	881	2968.69	GEO_{ENVE}	Combination	Max	0	1	0	14	0	28
Base	B422	881	3463.47	GEO_{ENVE}	Combination	Max	0	7	0	14	0	35
Base	B422	881	3958.25	GEO_{ENVE}	Combination	Max	0	14	0	14	0	39
Base	B422	881	4453.03	GEO_{ENVE}	Combination	Max	0	20	0	14	0	39
Base	B422	881	4947.82	GEO_{ENVE}	Combination	Max	0	26	0	14	0	37
Base	B422	881	5442.6	GEO_{ENVE}	Combination	Max	0	33	0	14	0	31
Base	B422	881	5937.38	GEO_{ENVE}	Combination	Max	0	39	0	14	0	22
Base	B422	881	6432.16	GEO_{ENVE}	Combination	Max	0	45	0	14	0	10
Base	B422	881	0	GEO_{ENVE}	Combination	Min	0	-55	0	-8	0	-78
Base	B422	881	494.78	GEO_{ENVE}	Combination	Min	0	-48	0	-8	0	-53
Base	B422	881	989.56	GEO_{ENVE}	Combination	Min	0	-42	0	-8	0	-30
Base	B422	881	1484.34	GEO_{ENVE}	Combination	Min	0	-36	0	-8	0	-11
Base	B422	881	1979.13	GEO_{ENVE}	Combination	Min	0	-29	0	-8	0	5
Base	B422	881	2473.91	GEO_{ENVE}	Combination	Min	0	-23	0	-8	0	14
Base	B422	881	2968.69	GEO_{ENVE}	Combination	Min	0	-17	0	-8	0	15
Base	B422	881	3463.47	GEO_{ENVE}	Combination	Min	0	-11	0	-8	0	12
Base	B422	881	3958.25	GEO_{ENVE}	Combination	Min	0	-4	0	-8	0	7
Base	B422	881	4453.03	GEO_{ENVE}	Combination	Min	0	2	0	-8	0	-1
Base	B422	881	4947.82	GEO_{ENVE}	Combination	Min	0	8	0	-8	0	-13
Base	B422	881	5442.6	GEO_{ENVE}	Combination	Min	0	15	0	-8	0	-27
Base	B422	881	5937.38	GEO_{ENVE}	Combination	Min	0	21	0	-8	0	-45
Base	B422	881	6432.16	GEO_{ENVE}	Combination	Min	0	27	0	-8	0	-66
Base	B423	882	0	GEO_{ENVE}	Combination	Max	0	-2	0	4	0	-13
Base	B423	882	490	GEO_{ENVE}	Combination	Max	0	5	0	4	0	-14
Base	B423	882	980	GEO_{ENVE}	Combination	Max	0	11	0	4	0	-4
Base	B423	882	1470	GEO_{ENVE}	Combination	Max	0	17	0	4	0	8
Base	B423	882	1960	GEO_{ENVE}	Combination	Max	0	23	0	4	0	17

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B423	882	2450	GEO_{ENVE}	Combination	Max	0	30	0	4	0	23
Base	B423	882	2940	GEO_{ENVE}	Combination	Max	0	36	0	4	0	26
Base	B423	882	3430	GEO_{ENVE}	Combination	Max	0	42	0	4	0	26
Base	B423	882	3920	GEO_{ENVE}	Combination	Max	0	48	0	4	0	23
Base	B423	882	4410	GEO_{ENVE}	Combination	Max	0	55	0	4	0	17
Base	B423	882	4900	GEO_{ENVE}	Combination	Max	0	61	0	4	0	8
Base	B423	882	0	GEO_{ENVE}	Combination	Min	0	-41	0	-2	0	-38
Base	B423	882	490	GEO_{ENVE}	Combination	Min	0	-34	0	-2	0	-20
Base	B423	882	980	GEO_{ENVE}	Combination	Min	0	-28	0	-2	0	-18
Base	B423	882	1470	GEO_{ENVE}	Combination	Min	0	-22	0	-2	0	-25
Base	B423	882	1960	GEO_{ENVE}	Combination	Min	0	-16	0	-2	0	-35
Base	B423	882	2450	GEO_{ENVE}	Combination	Min	0	-9	0	-2	0	-48
Base	B423	882	2940	GEO_{ENVE}	Combination	Min	0	-3	0	-2	0	-64
Base	B423	882	3430	GEO_{ENVE}	Combination	Min	0	3	0	-2	0	-83
Base	B423	882	3920	GEO_{ENVE}	Combination	Min	0	9	0	-2	0	-105
Base	B423	882	4410	GEO_{ENVE}	Combination	Min	0	16	0	-2	0	-130
Base	B423	882	4900	GEO_{ENVE}	Combination	Min	0	22	0	-2	0	-159
Base	B424	883	0	GEO_{ENVE}	Combination	Max	33	13	1	19	2	59
Base	B424	883	493.84	GEO_{ENVE}	Combination	Max	33	19	1	19	2	51
Base	B424	883	987.67	GEO_{ENVE}	Combination	Max	33	26	1	19	1	40
Base	B424	883	1481.51	GEO_{ENVE}	Combination	Max	33	32	1	19	1	26
Base	B424	883	1975.34	GEO_{ENVE}	Combination	Max	33	38	1	19	1	13
Base	B424	883	2469.18	GEO_{ENVE}	Combination	Max	33	44	1	19	0.1706	58
Base	B424	883	2963.02	GEO_{ENVE}	Combination	Max	33	51	1	19	0.1744	105
Base	B424	883	3456.85	GEO_{ENVE}	Combination	Max	33	57	1	19	1	149
Base	B424	883	3950.69	GEO_{ENVE}	Combination	Max	33	63	1	19	1	190
Base	B424	883	4444.52	GEO_{ENVE}	Combination	Max	33	70	1	19	1	227
Base	B424	883	4938.36	GEO_{ENVE}	Combination	Max	33	76	1	19	2	262
Base	B424	883	5432.19	GEO_{ENVE}	Combination	Max	33	82	1	19	2	293
Base	B424	883	0	GEO_{ENVE}	Combination	Min	-32	-130	-1	-22	-2	-224
Base	B424	883	493.84	GEO_{ENVE}	Combination	Min	-32	-124	-1	-22	-2	-162
Base	B424	883	987.67	GEO_{ENVE}	Combination	Min	-32	-117	-1	-22	-1	-102
Base	B424	883	1481.51	GEO_{ENVE}	Combination	Min	-32	-111	-1	-22	-1	-46
Base	B424	883	1975.34	GEO_{ENVE}	Combination	Min	-32	-105	-1	-22	-1	4
Base	B424	883	2469.18	GEO_{ENVE}	Combination	Min	-32	-98	-1	-22	-0.1823	-12
Base	B424	883	2963.02	GEO_{ENVE}	Combination	Min	-32	-92	-1	-22	-0.1763	-35
Base	B424	883	3456.85	GEO_{ENVE}	Combination	Min	-32	-86	-1	-22	-1	-62
Base	B424	883	3950.69	GEO_{ENVE}	Combination	Min	-32	-80	-1	-22	-1	-92
Base	B424	883	4444.52	GEO_{ENVE}	Combination	Min	-32	-73	-1	-22	-1	-125
Base	B424	883	4938.36	GEO_{ENVE}	Combination	Min	-32	-67	-1	-22	-2	-161
Base	B424	883	5432.19	GEO_{ENVE}	Combination	Min	-32	-61	-1	-22	-2	-200
Base	B425	900	0	GEO_{ENVE}	Combination	Max	0	-32	0	20	0	15
Base	B425	900	469.16	GEO_{ENVE}	Combination	Max	0	-25	0	20	0	28
Base	B425	900	938.32	GEO_{ENVE}	Combination	Max	0	-18	0	20	0	39
Base	B425	900	1407.48	GEO_{ENVE}	Combination	Max	0	-11	0	20	0	46
Base	B425	900	1876.64	GEO_{ENVE}	Combination	Max	0	-4	0	20	0	49

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B425	900	2345.79	GEO_{ENVE}	Combination	Max	0	3	0	20	0	50
Base	B425	900	2814.95	GEO_{ENVE}	Combination	Max	0	9	0	20	0	47
Base	B425	900	3284.11	GEO_{ENVE}	Combination	Max	0	16	0	20	0	41
Base	B425	900	3753.27	GEO_{ENVE}	Combination	Max	0	23	0	20	0	32
Base	B425	900	4222.43	GEO_{ENVE}	Combination	Max	0	30	0	20	0	19
Base	B425	900	4691.59	GEO_{ENVE}	Combination	Max	0	37	0	20	0	10
Base	B425	900	5160.75	GEO_{ENVE}	Combination	Max	0	44	0	20	0	2
Base	B425	900	5629.91	GEO_{ENVE}	Combination	Max	0	51	0	20	0	-8
Base	B425	900	6099.06	GEO_{ENVE}	Combination	Max	0	58	0	20	0	-22
Base	B425	900	6568.22	GEO_{ENVE}	Combination	Max	0	65	0	20	0	-39
Base	B425	900	0	GEO_{ENVE}	Combination	Min	0	-58	0	-4	0	-97
Base	B425	900	469.16	GEO_{ENVE}	Combination	Min	0	-51	0	-4	0	-72
Base	B425	900	938.32	GEO_{ENVE}	Combination	Min	0	-44	0	-4	0	-50
Base	B425	900	1407.48	GEO_{ENVE}	Combination	Min	0	-37	0	-4	0	-31
Base	B425	900	1876.64	GEO_{ENVE}	Combination	Min	0	-30	0	-4	0	-15
Base	B425	900	2345.79	GEO_{ENVE}	Combination	Min	0	-23	0	-4	0	-3
Base	B425	900	2814.95	GEO_{ENVE}	Combination	Min	0	-16	0	-4	0	6
Base	B425	900	3284.11	GEO_{ENVE}	Combination	Min	0	-9	0	-4	0	12
Base	B425	900	3753.27	GEO_{ENVE}	Combination	Min	0	-2	0	-4	0	14
Base	B425	900	4222.43	GEO_{ENVE}	Combination	Min	0	5	0	-4	0	14
Base	B425	900	4691.59	GEO_{ENVE}	Combination	Min	0	12	0	-4	0	3
Base	B425	900	5160.75	GEO_{ENVE}	Combination	Min	0	19	0	-4	0	-16
Base	B425	900	5629.91	GEO_{ENVE}	Combination	Min	0	26	0	-4	0	-39
Base	B425	900	6099.06	GEO_{ENVE}	Combination	Min	0	33	0	-4	0	-64
Base	B425	900	6568.22	GEO_{ENVE}	Combination	Min	0	40	0	-4	0	-93
Base	B426	901	0	GEO_{ENVE}	Combination	Max	0	-9	0	21	0	68
Base	B426	901	490	GEO_{ENVE}	Combination	Max	0	-2	0	21	0	71
Base	B426	901	980	GEO_{ENVE}	Combination	Max	0	6	0	21	0	71
Base	B426	901	1470	GEO_{ENVE}	Combination	Max	0	13	0	21	0	68
Base	B426	901	1960	GEO_{ENVE}	Combination	Max	0	20	0	21	0	61
Base	B426	901	2450	GEO_{ENVE}	Combination	Max	0	28	0	21	0	51
Base	B426	901	2940	GEO_{ENVE}	Combination	Max	0	35	0	21	0	37
Base	B426	901	3430	GEO_{ENVE}	Combination	Max	0	42	0	21	0	19
Base	B426	901	3920	GEO_{ENVE}	Combination	Max	0	49	0	21	0	0.2575
Base	B426	901	4410	GEO_{ENVE}	Combination	Max	0	57	0	21	0	-11
Base	B426	901	4900	GEO_{ENVE}	Combination	Max	0	64	0	21	0	-17
Base	B426	901	0	GEO_{ENVE}	Combination	Min	0	-57	0	7	0	-127
Base	B426	901	490	GEO_{ENVE}	Combination	Min	0	-50	0	7	0	-101
Base	B426	901	980	GEO_{ENVE}	Combination	Min	0	-43	0	7	0	-78
Base	B426	901	1470	GEO_{ENVE}	Combination	Min	0	-35	0	7	0	-59
Base	B426	901	1960	GEO_{ENVE}	Combination	Min	0	-28	0	7	0	-44
Base	B426	901	2450	GEO_{ENVE}	Combination	Min	0	-21	0	7	0	-32
Base	B426	901	2940	GEO_{ENVE}	Combination	Min	0	-13	0	7	0	-24
Base	B426	901	3430	GEO_{ENVE}	Combination	Min	0	-6	0	7	0	-19
Base	B426	901	3920	GEO_{ENVE}	Combination	Min	0	1	0	7	0	-19
Base	B426	901	4410	GEO_{ENVE}	Combination	Min	0	9	0	7	0	-38

Table 3.3 - Element Forces - Beams (Part 1 of 2, continued)

Story	Beam	Unique Name	Station mm	Output Case	Case Type	Step Type	P kN	V2 kN	V3 kN	T kN-m	M2 kN-m	M3 kN-m
Base	B426	901	4900	GEO_{ENVE}	Combination	Min	0	16	0	7	0	-67
Base	B427	902	0	GEO_{ENVE}	Combination	Max	37	-31	1	47	2	-80
Base	B427	902	499.77	GEO_{ENVE}	Combination	Max	37	-24	1	47	2	-66
Base	B427	902	999.53	GEO_{ENVE}	Combination	Max	37	-16	1	47	1	-56
Base	B427	902	1499.3	GEO_{ENVE}	Combination	Max	37	-9	1	47	1	-50
Base	B427	902	1999.06	GEO_{ENVE}	Combination	Max	37	-1	1	47	1	-47
Base	B427	902	2498.83	GEO_{ENVE}	Combination	Max	37	6	1	47	0.213	-49
Base	B427	902	2998.59	GEO_{ENVE}	Combination	Max	37	14	1	47	0.2121	-54
Base	B427	902	3498.36	GEO_{ENVE}	Combination	Max	37	21	1	47	1	-62
Base	B427	902	3998.12	GEO_{ENVE}	Combination	Max	37	29	1	47	1	-18
Base	B427	902	4497.89	GEO_{ENVE}	Combination	Max	37	36	1	47	1	31
Base	B427	902	4997.65	GEO_{ENVE}	Combination	Max	37	43	1	47	2	76
Base	B427	902	5497.42	GEO_{ENVE}	Combination	Max	37	51	1	47	2	118
Base	B427	902	0	GEO_{ENVE}	Combination	Min	-36	-161	-1	31	-2	-551
Base	B427	902	499.77	GEO_{ENVE}	Combination	Min	-36	-154	-1	31	-2	-473
Base	B427	902	999.53	GEO_{ENVE}	Combination	Min	-36	-147	-1	31	-1	-397
Base	B427	902	1499.3	GEO_{ENVE}	Combination	Min	-36	-139	-1	31	-1	-326
Base	B427	902	1999.06	GEO_{ENVE}	Combination	Min	-36	-132	-1	31	-1	-258
Base	B427	902	2498.83	GEO_{ENVE}	Combination	Min	-36	-124	-1	31	-0.2011	-194
Base	B427	902	2998.59	GEO_{ENVE}	Combination	Min	-36	-117	-1	31	-0.1979	-134
Base	B427	902	3498.36	GEO_{ENVE}	Combination	Min	-36	-109	-1	31	-1	-80
Base	B427	902	3998.12	GEO_{ENVE}	Combination	Min	-36	-102	-1	31	-1	-82
Base	B427	902	4497.89	GEO_{ENVE}	Combination	Min	-36	-95	-1	31	-1	-94
Base	B427	902	4997.65	GEO_{ENVE}	Combination	Min	-36	-87	-1	31	-2	-111
Base	B427	902	5497.42	GEO_{ENVE}	Combination	Min	-36	-80	-1	31	-2	-134

Table 3.3 - Element Forces - Beams (Part 2 of 2)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B19	19	0	19-1	0	
Base	B19	19	355.72	19-1	355.72	
Base	B19	19	711.44	19-1	711.44	
Base	B19	19	1067.16	19-1	1067.16	
Base	B19	19	1067.16	19-2	0	
Base	B19	19	1422.88	19-2	355.72	
Base	B19	19	1778.6	19-2	711.44	
Base	B19	19	2134.31	19-2	1067.16	
Base	B19	19	0	19-1	0	
Base	B19	19	355.72	19-1	355.72	
Base	B19	19	711.44	19-1	711.44	
Base	B19	19	1067.16	19-1	1067.16	
Base	B19	19	1067.16	19-2	0	
Base	B19	19	1422.88	19-2	355.72	
Base	B19	19	1778.6	19-2	711.44	
Base	B19	19	2134.31	19-2	1067.16	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B49	866	0	866-1	0	
Base	B49	866	460	866-1	460	
Base	B49	866	920	866-1	920	
Base	B49	866	1380	866-1	1380	
Base	B49	866	1840	866-1	1840	
Base	B49	866	2300	866-1	2300	
Base	B49	866	2760	866-1	2760	
Base	B49	866	3220	866-1	3220	
Base	B49	866	3680	866-1	3680	
Base	B49	866	4140	866-1	4140	
Base	B49	866	4600	866-1	4600	
Base	B49	866	4600	866-2	0	
Base	B49	866	5088.89	866-2	488.89	
Base	B49	866	5577.78	866-2	977.78	
Base	B49	866	6066.67	866-2	1466.67	
Base	B49	866	6555.56	866-2	1955.56	
Base	B49	866	7044.44	866-2	2444.44	
Base	B49	866	7533.33	866-2	2933.33	
Base	B49	866	8022.22	866-2	3422.22	
Base	B49	866	8511.11	866-2	3911.11	
Base	B49	866	9000	866-2	4400	
Base	B49	866	9000	866-3	0	
Base	B49	866	9488.89	866-3	488.89	
Base	B49	866	9977.78	866-3	977.78	
Base	B49	866	10466.67	866-3	1466.67	
Base	B49	866	10955.56	866-3	1955.56	
Base	B49	866	11444.44	866-3	2444.44	
Base	B49	866	11933.33	866-3	2933.33	
Base	B49	866	12422.22	866-3	3422.22	
Base	B49	866	12911.11	866-3	3911.11	
Base	B49	866	13400	866-3	4400	
Base	B49	866	13400	866-4	0	
Base	B49	866	13888.89	866-4	488.89	
Base	B49	866	14377.78	866-4	977.78	
Base	B49	866	14866.67	866-4	1466.67	
Base	B49	866	15355.56	866-4	1955.56	
Base	B49	866	15844.44	866-4	2444.44	
Base	B49	866	16333.33	866-4	2933.33	
Base	B49	866	16822.22	866-4	3422.22	
Base	B49	866	17311.11	866-4	3911.11	
Base	B49	866	17800	866-4	4400	
Base	B49	866	17800	866-5	0	
Base	B49	866	18288.89	866-5	488.89	
Base	B49	866	18777.78	866-5	977.78	
Base	B49	866	19266.67	866-5	1466.67	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B49	866	19755.56	866-5	1955.56	
Base	B49	866	20244.44	866-5	2444.44	
Base	B49	866	20733.33	866-5	2933.33	
Base	B49	866	21222.22	866-5	3422.22	
Base	B49	866	21711.11	866-5	3911.11	
Base	B49	866	22200	866-5	4400	
Base	B49	866	22200	866-6	0	
Base	B49	866	22688.89	866-6	488.89	
Base	B49	866	23177.78	866-6	977.78	
Base	B49	866	23666.67	866-6	1466.67	
Base	B49	866	24155.56	866-6	1955.56	
Base	B49	866	24644.44	866-6	2444.44	
Base	B49	866	25133.33	866-6	2933.33	
Base	B49	866	25622.22	866-6	3422.22	
Base	B49	866	26111.11	866-6	3911.11	
Base	B49	866	26600	866-6	4400	
Base	B49	866	26600	866-7	0	
Base	B49	866	27088.89	866-7	488.89	
Base	B49	866	27577.78	866-7	977.78	
Base	B49	866	28066.67	866-7	1466.67	
Base	B49	866	28555.56	866-7	1955.56	
Base	B49	866	29044.44	866-7	2444.44	
Base	B49	866	29533.33	866-7	2933.33	
Base	B49	866	30022.22	866-7	3422.22	
Base	B49	866	30511.11	866-7	3911.11	
Base	B49	866	31000	866-7	4400	
Base	B49	866	31000	866-8	0	
Base	B49	866	31488.89	866-8	488.89	
Base	B49	866	31977.78	866-8	977.78	
Base	B49	866	32466.67	866-8	1466.67	
Base	B49	866	32955.56	866-8	1955.56	
Base	B49	866	33444.44	866-8	2444.44	
Base	B49	866	33933.33	866-8	2933.33	
Base	B49	866	34422.22	866-8	3422.22	
Base	B49	866	34911.11	866-8	3911.11	
Base	B49	866	35400	866-8	4400	
Base	B49	866	35400	866-9	0	
Base	B49	866	35850	866-9	450	
Base	B49	866	36300	866-9	900	
Base	B49	866	36750	866-9	1350	
Base	B49	866	37200	866-9	1800	
Base	B49	866	37650	866-9	2250	
Base	B49	866	38100	866-9	2700	
Base	B49	866	38550	866-9	3150	
Base	B49	866	39000	866-9	3600	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B49	866	39450	866-9	4050	
Base	B49	866	0	866-1	0	
Base	B49	866	460	866-1	460	
Base	B49	866	920	866-1	920	
Base	B49	866	1380	866-1	1380	
Base	B49	866	1840	866-1	1840	
Base	B49	866	2300	866-1	2300	
Base	B49	866	2760	866-1	2760	
Base	B49	866	3220	866-1	3220	
Base	B49	866	3680	866-1	3680	
Base	B49	866	4140	866-1	4140	
Base	B49	866	4600	866-1	4600	
Base	B49	866	4600	866-2	0	
Base	B49	866	5088.89	866-2	488.89	
Base	B49	866	5577.78	866-2	977.78	
Base	B49	866	6066.67	866-2	1466.67	
Base	B49	866	6555.56	866-2	1955.56	
Base	B49	866	7044.44	866-2	2444.44	
Base	B49	866	7533.33	866-2	2933.33	
Base	B49	866	8022.22	866-2	3422.22	
Base	B49	866	8511.11	866-2	3911.11	
Base	B49	866	9000	866-2	4400	
Base	B49	866	9000	866-3	0	
Base	B49	866	9488.89	866-3	488.89	
Base	B49	866	9977.78	866-3	977.78	
Base	B49	866	10466.67	866-3	1466.67	
Base	B49	866	10955.56	866-3	1955.56	
Base	B49	866	11444.44	866-3	2444.44	
Base	B49	866	11933.33	866-3	2933.33	
Base	B49	866	12422.22	866-3	3422.22	
Base	B49	866	12911.11	866-3	3911.11	
Base	B49	866	13400	866-3	4400	
Base	B49	866	13400	866-4	0	
Base	B49	866	13888.89	866-4	488.89	
Base	B49	866	14377.78	866-4	977.78	
Base	B49	866	14866.67	866-4	1466.67	
Base	B49	866	15355.56	866-4	1955.56	
Base	B49	866	15844.44	866-4	2444.44	
Base	B49	866	16333.33	866-4	2933.33	
Base	B49	866	16822.22	866-4	3422.22	
Base	B49	866	17311.11	866-4	3911.11	
Base	B49	866	17800	866-4	4400	
Base	B49	866	17800	866-5	0	
Base	B49	866	18288.89	866-5	488.89	
Base	B49	866	18777.78	866-5	977.78	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B49	866	19266.67	866-5	1466.67	
Base	B49	866	19755.56	866-5	1955.56	
Base	B49	866	20244.44	866-5	2444.44	
Base	B49	866	20733.33	866-5	2933.33	
Base	B49	866	21222.22	866-5	3422.22	
Base	B49	866	21711.11	866-5	3911.11	
Base	B49	866	22200	866-5	4400	
Base	B49	866	22200	866-6	0	
Base	B49	866	22688.89	866-6	488.89	
Base	B49	866	23177.78	866-6	977.78	
Base	B49	866	23666.67	866-6	1466.67	
Base	B49	866	24155.56	866-6	1955.56	
Base	B49	866	24644.44	866-6	2444.44	
Base	B49	866	25133.33	866-6	2933.33	
Base	B49	866	25622.22	866-6	3422.22	
Base	B49	866	26111.11	866-6	3911.11	
Base	B49	866	26600	866-6	4400	
Base	B49	866	26600	866-7	0	
Base	B49	866	27088.89	866-7	488.89	
Base	B49	866	27577.78	866-7	977.78	
Base	B49	866	28066.67	866-7	1466.67	
Base	B49	866	28555.56	866-7	1955.56	
Base	B49	866	29044.44	866-7	2444.44	
Base	B49	866	29533.33	866-7	2933.33	
Base	B49	866	30022.22	866-7	3422.22	
Base	B49	866	30511.11	866-7	3911.11	
Base	B49	866	31000	866-7	4400	
Base	B49	866	31000	866-8	0	
Base	B49	866	31488.89	866-8	488.89	
Base	B49	866	31977.78	866-8	977.78	
Base	B49	866	32466.67	866-8	1466.67	
Base	B49	866	32955.56	866-8	1955.56	
Base	B49	866	33444.44	866-8	2444.44	
Base	B49	866	33933.33	866-8	2933.33	
Base	B49	866	34422.22	866-8	3422.22	
Base	B49	866	34911.11	866-8	3911.11	
Base	B49	866	35400	866-8	4400	
Base	B49	866	35400	866-9	0	
Base	B49	866	35850	866-9	450	
Base	B49	866	36300	866-9	900	
Base	B49	866	36750	866-9	1350	
Base	B49	866	37200	866-9	1800	
Base	B49	866	37650	866-9	2250	
Base	B49	866	38100	866-9	2700	
Base	B49	866	38550	866-9	3150	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B49	866	39000	866-9	3600	
Base	B49	866	39450	866-9	4050	
Base	B53	884	0	884	0	
Base	B53	884	465.38	884	465.38	
Base	B53	884	930.76	884	930.76	
Base	B53	884	1396.13	884	1396.13	
Base	B53	884	1861.51	884	1861.51	
Base	B53	884	2326.89	884	2326.89	
Base	B53	884	2792.27	884	2792.27	
Base	B53	884	3257.64	884	3257.64	
Base	B53	884	3723.02	884	3723.02	
Base	B53	884	4188.4	884	4188.4	
Base	B53	884	4653.78	884	4653.78	
Base	B53	884	5119.16	884	5119.16	
Base	B53	884	5584.53	884	5584.53	
Base	B53	884	6049.91	884	6049.91	
Base	B53	884	6515.29	884	6515.29	
Base	B53	884	0	884	0	
Base	B53	884	465.38	884	465.38	
Base	B53	884	930.76	884	930.76	
Base	B53	884	1396.13	884	1396.13	
Base	B53	884	1861.51	884	1861.51	
Base	B53	884	2326.89	884	2326.89	
Base	B53	884	2792.27	884	2792.27	
Base	B53	884	3257.64	884	3257.64	
Base	B53	884	3723.02	884	3723.02	
Base	B53	884	4188.4	884	4188.4	
Base	B53	884	4653.78	884	4653.78	
Base	B53	884	5119.16	884	5119.16	
Base	B53	884	5584.53	884	5584.53	
Base	B53	884	6049.91	884	6049.91	
Base	B53	884	6515.29	884	6515.29	
Base	B56	867	0	867	0	
Base	B56	867	495.24	867	495.24	
Base	B56	867	990.49	867	990.49	
Base	B56	867	1485.73	867	1485.73	
Base	B56	867	1980.97	867	1980.97	
Base	B56	867	2476.21	867	2476.21	
Base	B56	867	2971.46	867	2971.46	
Base	B56	867	3466.7	867	3466.7	
Base	B56	867	3961.94	867	3961.94	
Base	B56	867	4457.19	867	4457.19	
Base	B56	867	4952.43	867	4952.43	
Base	B56	867	5447.67	867	5447.67	
Base	B56	867	5942.92	867	5942.92	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B56	867	6438.16	867	6438.16	
Base	B56	867	0	867	0	
Base	B56	867	495.24	867	495.24	
Base	B56	867	990.49	867	990.49	
Base	B56	867	1485.73	867	1485.73	
Base	B56	867	1980.97	867	1980.97	
Base	B56	867	2476.21	867	2476.21	
Base	B56	867	2971.46	867	2971.46	
Base	B56	867	3466.7	867	3466.7	
Base	B56	867	3961.94	867	3961.94	
Base	B56	867	4457.19	867	4457.19	
Base	B56	867	4952.43	867	4952.43	
Base	B56	867	5447.67	867	5447.67	
Base	B56	867	5942.92	867	5942.92	
Base	B56	867	6438.16	867	6438.16	
Base	B349	362	0	362-1	0	
Base	B349	362	290	362-1	290	
Base	B349	362	580	362-1	580	
Base	B349	362	580	362-2	0	
Base	B349	362	966.67	362-2	386.67	
Base	B349	362	966.67	362-3	0	
Base	B349	362	1160	362-3	193.33	
Base	B349	362	1160	362-4	0	
Base	B349	362	1450	362-4	290	
Base	B349	362	1740	362-4	580	
Base	B349	362	1740	362-5	0	
Base	B349	362	1933.33	362-5	193.33	
Base	B349	362	1933.33	362-6	0	
Base	B349	362	2320	362-6	386.67	
Base	B349	362	2320	362-7	0	
Base	B349	362	2610	362-7	290	
Base	B349	362	2900	362-7	580	
Base	B349	362	2900	362-8	0	
Base	B349	362	3395.12	362-8	495.12	
Base	B349	362	3395.12	362-9	0	
Base	B349	362	3400	362-9	4.88	
Base	B349	362	3400	362-10	0	
Base	B349	362	3900	362-10	500	
Base	B349	362	3900	362-11	0	
Base	B349	362	4147.56	362-11	247.56	
Base	B349	362	4147.56	362-12	0	
Base	B349	362	4400	362-12	252.44	
Base	B349	362	4400	362-13	0	
Base	B349	362	4900	362-13	500	
Base	B349	362	4900	362-14	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B349	362	5166.1	362-14	266.1	
Base	B349	362	5432.19	362-14	532.19	
Base	B349	362	5432.19	362-15	0	
Base	B349	362	5475	362-15	42.81	
Base	B349	362	5475	362-16	0	
Base	B349	362	5762.5	362-16	287.5	
Base	B349	362	6050	362-16	575	
Base	B349	362	6050	362-17	0	
Base	B349	362	6316.1	362-17	266.1	
Base	B349	362	6316.1	362-18	0	
Base	B349	362	6625	362-18	308.9	
Base	B349	362	6625	362-19	0	
Base	B349	362	6912.5	362-19	287.5	
Base	B349	362	7200	362-19	575	
Base	B349	362	7200	362-20	0	
Base	B349	362	7700	362-20	500	
Base	B349	362	7700	362-21	0	
Base	B349	362	8200	362-21	500	
Base	B349	362	8200	362-22	0	
Base	B349	362	8700	362-22	500	
Base	B349	362	8700	362-23	0	
Base	B349	362	9200	362-23	500	
Base	B349	362	9200	362-24	0	
Base	B349	362	9477.4	362-24	277.4	
Base	B349	362	9754.8	362-24	554.8	
Base	B349	362	9754.8	362-25	0	
Base	B349	362	10032.19	362-25	277.4	
Base	B349	362	10032.19	362-26	0	
Base	B349	362	10309.59	362-26	277.4	
Base	B349	362	10309.59	362-27	0	
Base	B349	362	10586.99	362-27	277.4	
Base	B349	362	10864.39	362-27	554.8	
Base	B349	362	10864.39	362-28	0	
Base	B349	362	11317.07	362-28	452.68	
Base	B349	362	11769.75	362-28	905.37	
Base	B349	362	11769.75	362-29	0	
Base	B349	362	12222.44	362-29	452.68	
Base	B349	362	12675.12	362-29	905.37	
Base	B349	362	12675.12	362-30	0	
Base	B349	362	13127.8	362-30	452.68	
Base	B349	362	13580.49	362-30	905.37	
Base	B349	362	13580.49	362-31	0	
Base	B349	362	14033.17	362-31	452.68	
Base	B349	362	14485.85	362-31	905.37	
Base	B349	362	14485.85	362-32	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B349	362	14938.53	362-32	452.68	
Base	B349	362	15391.22	362-32	905.37	
Base	B349	362	15391.22	362-33	0	
Base	B349	362	15843.9	362-33	452.68	
Base	B349	362	16296.58	362-33	905.37	
Base	B349	362	0	362-1	0	
Base	B349	362	290	362-1	290	
Base	B349	362	580	362-1	580	
Base	B349	362	580	362-2	0	
Base	B349	362	966.67	362-2	386.67	
Base	B349	362	966.67	362-3	0	
Base	B349	362	1160	362-3	193.33	
Base	B349	362	1160	362-4	0	
Base	B349	362	1450	362-4	290	
Base	B349	362	1740	362-4	580	
Base	B349	362	1740	362-5	0	
Base	B349	362	1933.33	362-5	193.33	
Base	B349	362	1933.33	362-6	0	
Base	B349	362	2320	362-6	386.67	
Base	B349	362	2320	362-7	0	
Base	B349	362	2610	362-7	290	
Base	B349	362	2900	362-7	580	
Base	B349	362	2900	362-8	0	
Base	B349	362	3395.12	362-8	495.12	
Base	B349	362	3395.12	362-9	0	
Base	B349	362	3400	362-9	4.88	
Base	B349	362	3400	362-10	0	
Base	B349	362	3900	362-10	500	
Base	B349	362	3900	362-11	0	
Base	B349	362	4147.56	362-11	247.56	
Base	B349	362	4147.56	362-12	0	
Base	B349	362	4400	362-12	252.44	
Base	B349	362	4400	362-13	0	
Base	B349	362	4900	362-13	500	
Base	B349	362	4900	362-14	0	
Base	B349	362	5166.1	362-14	266.1	
Base	B349	362	5432.19	362-14	532.19	
Base	B349	362	5432.19	362-15	0	
Base	B349	362	5475	362-15	42.81	
Base	B349	362	5475	362-16	0	
Base	B349	362	5762.5	362-16	287.5	
Base	B349	362	6050	362-16	575	
Base	B349	362	6050	362-17	0	
Base	B349	362	6316.1	362-17	266.1	
Base	B349	362	6316.1	362-18	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B349	362	6625	362-18	308.9	
Base	B349	362	6625	362-19	0	
Base	B349	362	6912.5	362-19	287.5	
Base	B349	362	7200	362-19	575	
Base	B349	362	7200	362-20	0	
Base	B349	362	7700	362-20	500	
Base	B349	362	7700	362-21	0	
Base	B349	362	8200	362-21	500	
Base	B349	362	8200	362-22	0	
Base	B349	362	8700	362-22	500	
Base	B349	362	8700	362-23	0	
Base	B349	362	9200	362-23	500	
Base	B349	362	9200	362-24	0	
Base	B349	362	9477.4	362-24	277.4	
Base	B349	362	9754.8	362-24	554.8	
Base	B349	362	9754.8	362-25	0	
Base	B349	362	10032.19	362-25	277.4	
Base	B349	362	10032.19	362-26	0	
Base	B349	362	10309.59	362-26	277.4	
Base	B349	362	10309.59	362-27	0	
Base	B349	362	10586.99	362-27	277.4	
Base	B349	362	10864.39	362-27	554.8	
Base	B349	362	10864.39	362-28	0	
Base	B349	362	11317.07	362-28	452.68	
Base	B349	362	11769.75	362-28	905.37	
Base	B349	362	11769.75	362-29	0	
Base	B349	362	12222.44	362-29	452.68	
Base	B349	362	12675.12	362-29	905.37	
Base	B349	362	12675.12	362-30	0	
Base	B349	362	13127.8	362-30	452.68	
Base	B349	362	13580.49	362-30	905.37	
Base	B349	362	13580.49	362-31	0	
Base	B349	362	14033.17	362-31	452.68	
Base	B349	362	14485.85	362-31	905.37	
Base	B349	362	14485.85	362-32	0	
Base	B349	362	14938.53	362-32	452.68	
Base	B349	362	15391.22	362-32	905.37	
Base	B349	362	15391.22	362-33	0	
Base	B349	362	15843.9	362-33	452.68	
Base	B349	362	16296.58	362-33	905.37	
Base	B16	839	0	839	0	
Base	B16	839	492.31	839	492.31	
Base	B16	839	984.62	839	984.62	
Base	B16	839	1476.92	839	1476.92	
Base	B16	839	1969.23	839	1969.23	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B16	839	2461.54	839	2461.54	
Base	B16	839	2953.85	839	2953.85	
Base	B16	839	3446.15	839	3446.15	
Base	B16	839	3938.46	839	3938.46	
Base	B16	839	4430.77	839	4430.77	
Base	B16	839	4923.08	839	4923.08	
Base	B16	839	5415.38	839	5415.38	
Base	B16	839	5907.69	839	5907.69	
Base	B16	839	6400	839	6400	
Base	B16	839	0	839	0	
Base	B16	839	492.31	839	492.31	
Base	B16	839	984.62	839	984.62	
Base	B16	839	1476.92	839	1476.92	
Base	B16	839	1969.23	839	1969.23	
Base	B16	839	2461.54	839	2461.54	
Base	B16	839	2953.85	839	2953.85	
Base	B16	839	3446.15	839	3446.15	
Base	B16	839	3938.46	839	3938.46	
Base	B16	839	4430.77	839	4430.77	
Base	B16	839	4923.08	839	4923.08	
Base	B16	839	5415.38	839	5415.38	
Base	B16	839	5907.69	839	5907.69	
Base	B16	839	6400	839	6400	
Base	B346	93	0	93-1	0	
Base	B346	93	366.67	93-1	366.67	
Base	B346	93	733.33	93-1	733.33	
Base	B346	93	1100	93-1	1100	
Base	B346	93	1100	93-2	0	
Base	B346	93	1466.66	93-2	366.67	
Base	B346	93	1833.33	93-2	733.33	
Base	B346	93	2199.99	93-2	1100	
Base	B346	93	2199.99	93-3	0	
Base	B346	93	2566.66	93-3	366.67	
Base	B346	93	2933.32	93-3	733.33	
Base	B346	93	3299.99	93-3	1100	
Base	B346	93	3299.99	93-4	0	
Base	B346	93	3666.65	93-4	366.67	
Base	B346	93	4033.32	93-4	733.33	
Base	B346	93	4399.98	93-4	1100	
Base	B346	93	4399.98	93-5	0	
Base	B346	93	4699.98	93-5	300	
Base	B346	93	4999.98	93-5	600	
Base	B346	93	4999.98	93-6	0	
Base	B346	93	5287.48	93-6	287.5	
Base	B346	93	5574.98	93-6	575	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B346	93	5574.98	93-7	0	
Base	B346	93	5862.48	93-7	287.5	
Base	B346	93	6149.98	93-7	575	
Base	B346	93	6149.98	93-8	0	
Base	B346	93	6437.48	93-8	287.5	
Base	B346	93	6724.98	93-8	575	
Base	B346	93	6724.98	93-9	0	
Base	B346	93	7012.48	93-9	287.5	
Base	B346	93	7299.98	93-9	575	
Base	B346	93	7299.98	93-10	0	
Base	B346	93	7562.48	93-10	262.5	
Base	B346	93	7824.98	93-10	525	
Base	B346	93	7824.98	93-11	0	
Base	B346	93	8262.48	93-11	437.5	
Base	B346	93	8699.98	93-11	875	
Base	B346	93	8699.98	93-12	0	
Base	B346	93	9137.48	93-12	437.5	
Base	B346	93	9574.98	93-12	875	
Base	B346	93	9574.98	93-13	0	
Base	B346	93	9987.48	93-13	412.5	
Base	B346	93	9987.48	93-14	0	
Base	B346	93	10399.98	93-14	412.5	
Base	B346	93	10399.98	93-15	0	
Base	B346	93	10787.48	93-15	387.5	
Base	B346	93	10787.48	93-16	0	
Base	B346	93	11174.98	93-16	387.5	
Base	B346	93	11174.98	93-17	0	
Base	B346	93	11560.4	93-17	385.42	
Base	B346	93	11945.81	93-17	770.83	
Base	B346	93	12331.23	93-17	1156.25	
Base	B346	93	12331.23	93-18	0	
Base	B346	93	12716.65	93-18	385.42	
Base	B346	93	13102.06	93-18	770.83	
Base	B346	93	13487.48	93-18	1156.25	
Base	B346	93	13487.48	93-19	0	
Base	B346	93	13872.9	93-19	385.42	
Base	B346	93	14258.31	93-19	770.83	
Base	B346	93	14643.73	93-19	1156.25	
Base	B346	93	14643.73	93-20	0	
Base	B346	93	15029.15	93-20	385.42	
Base	B346	93	15414.56	93-20	770.83	
Base	B346	93	15799.98	93-20	1156.25	
Base	B346	93	15799.98	93-21	0	
Base	B346	93	16087.48	93-21	287.5	
Base	B346	93	16374.98	93-21	575	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B346	93	16374.98	93-22	0	
Base	B346	93	16662.48	93-22	287.5	
Base	B346	93	16949.98	93-22	575	
Base	B346	93	16949.98	93-23	0	
Base	B346	93	17237.48	93-23	287.5	
Base	B346	93	17524.98	93-23	575	
Base	B346	93	17524.98	93-24	0	
Base	B346	93	17812.48	93-24	287.5	
Base	B346	93	18099.98	93-24	575	
Base	B346	93	18099.98	93-25	0	
Base	B346	93	18387.48	93-25	287.5	
Base	B346	93	18674.98	93-25	575	
Base	B346	93	18674.98	93-26	0	
Base	B346	93	18962.48	93-26	287.5	
Base	B346	93	19249.98	93-26	575	
Base	B346	93	19249.98	93-27	0	
Base	B346	93	19574.98	93-27	325	
Base	B346	93	19899.98	93-27	650	
Base	B346	93	19899.98	93-28	0	
Base	B346	93	20224.98	93-28	325	
Base	B346	93	20549.98	93-28	650	
Base	B346	93	20549.98	93-29	0	
Base	B346	93	20874.98	93-29	325	
Base	B346	93	20874.98	93-30	0	
Base	B346	93	21199.98	93-30	325	
Base	B346	93	0	93-1	0	
Base	B346	93	366.67	93-1	366.67	
Base	B346	93	733.33	93-1	733.33	
Base	B346	93	1100	93-1	1100	
Base	B346	93	1100	93-2	0	
Base	B346	93	1466.66	93-2	366.67	
Base	B346	93	1833.33	93-2	733.33	
Base	B346	93	2199.99	93-2	1100	
Base	B346	93	2199.99	93-3	0	
Base	B346	93	2566.66	93-3	366.67	
Base	B346	93	2933.32	93-3	733.33	
Base	B346	93	3299.99	93-3	1100	
Base	B346	93	3299.99	93-4	0	
Base	B346	93	3666.65	93-4	366.67	
Base	B346	93	4033.32	93-4	733.33	
Base	B346	93	4399.98	93-4	1100	
Base	B346	93	4399.98	93-5	0	
Base	B346	93	4699.98	93-5	300	
Base	B346	93	4999.98	93-5	600	
Base	B346	93	4999.98	93-6	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B346	93	5287.48	93-6	287.5	
Base	B346	93	5574.98	93-6	575	
Base	B346	93	5574.98	93-7	0	
Base	B346	93	5862.48	93-7	287.5	
Base	B346	93	6149.98	93-7	575	
Base	B346	93	6149.98	93-8	0	
Base	B346	93	6437.48	93-8	287.5	
Base	B346	93	6724.98	93-8	575	
Base	B346	93	6724.98	93-9	0	
Base	B346	93	7012.48	93-9	287.5	
Base	B346	93	7299.98	93-9	575	
Base	B346	93	7299.98	93-10	0	
Base	B346	93	7562.48	93-10	262.5	
Base	B346	93	7824.98	93-10	525	
Base	B346	93	7824.98	93-11	0	
Base	B346	93	8262.48	93-11	437.5	
Base	B346	93	8699.98	93-11	875	
Base	B346	93	8699.98	93-12	0	
Base	B346	93	9137.48	93-12	437.5	
Base	B346	93	9574.98	93-12	875	
Base	B346	93	9574.98	93-13	0	
Base	B346	93	9987.48	93-13	412.5	
Base	B346	93	9987.48	93-14	0	
Base	B346	93	10399.98	93-14	412.5	
Base	B346	93	10399.98	93-15	0	
Base	B346	93	10787.48	93-15	387.5	
Base	B346	93	10787.48	93-16	0	
Base	B346	93	11174.98	93-16	387.5	
Base	B346	93	11174.98	93-17	0	
Base	B346	93	11560.4	93-17	385.42	
Base	B346	93	11945.81	93-17	770.83	
Base	B346	93	12331.23	93-17	1156.25	
Base	B346	93	12331.23	93-18	0	
Base	B346	93	12716.65	93-18	385.42	
Base	B346	93	13102.06	93-18	770.83	
Base	B346	93	13487.48	93-18	1156.25	
Base	B346	93	13487.48	93-19	0	
Base	B346	93	13872.9	93-19	385.42	
Base	B346	93	14258.31	93-19	770.83	
Base	B346	93	14643.73	93-19	1156.25	
Base	B346	93	14643.73	93-20	0	
Base	B346	93	15029.15	93-20	385.42	
Base	B346	93	15414.56	93-20	770.83	
Base	B346	93	15799.98	93-20	1156.25	
Base	B346	93	15799.98	93-21	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B346	93	16087.48	93-21	287.5	
Base	B346	93	16374.98	93-21	575	
Base	B346	93	16374.98	93-22	0	
Base	B346	93	16662.48	93-22	287.5	
Base	B346	93	16949.98	93-22	575	
Base	B346	93	16949.98	93-23	0	
Base	B346	93	17237.48	93-23	287.5	
Base	B346	93	17524.98	93-23	575	
Base	B346	93	17524.98	93-24	0	
Base	B346	93	17812.48	93-24	287.5	
Base	B346	93	18099.98	93-24	575	
Base	B346	93	18099.98	93-25	0	
Base	B346	93	18387.48	93-25	287.5	
Base	B346	93	18674.98	93-25	575	
Base	B346	93	18674.98	93-26	0	
Base	B346	93	18962.48	93-26	287.5	
Base	B346	93	19249.98	93-26	575	
Base	B346	93	19249.98	93-27	0	
Base	B346	93	19574.98	93-27	325	
Base	B346	93	19899.98	93-27	650	
Base	B346	93	19899.98	93-28	0	
Base	B346	93	20224.98	93-28	325	
Base	B346	93	20549.98	93-28	650	
Base	B346	93	20549.98	93-29	0	
Base	B346	93	20874.98	93-29	325	
Base	B346	93	20874.98	93-30	0	
Base	B346	93	21199.98	93-30	325	
Base	B358	17	0	17-1	0	
Base	B358	17	366.49	17-1	366.49	
Base	B358	17	732.99	17-1	732.99	
Base	B358	17	1099.48	17-1	1099.48	
Base	B358	17	1099.48	17-2	0	
Base	B358	17	1465.98	17-2	366.49	
Base	B358	17	1832.47	17-2	732.99	
Base	B358	17	2198.97	17-2	1099.48	
Base	B358	17	2198.97	17-3	0	
Base	B358	17	2565.46	17-3	366.49	
Base	B358	17	2931.96	17-3	732.99	
Base	B358	17	3298.45	17-3	1099.48	
Base	B358	17	3298.45	17-4	0	
Base	B358	17	3664.95	17-4	366.49	
Base	B358	17	4031.44	17-4	732.99	
Base	B358	17	4397.93	17-4	1099.48	
Base	B358	17	4397.93	17-5	0	
Base	B358	17	4764.43	17-5	366.49	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B358	17	5130.92	17-5	732.99	
Base	B358	17	5497.42	17-5	1099.48	
Base	B358	17	5497.42	17-6	0	
Base	B358	17	5866.61	17-6	369.19	
Base	B358	17	6235.79	17-6	738.38	
Base	B358	17	6604.98	17-6	1107.57	
Base	B358	17	6604.98	17-7	0	
Base	B358	17	6974.17	17-7	369.19	
Base	B358	17	7343.36	17-7	738.38	
Base	B358	17	7712.55	17-7	1107.57	
Base	B358	17	7712.55	17-8	0	
Base	B358	17	8081.74	17-8	369.19	
Base	B358	17	8450.92	17-8	738.38	
Base	B358	17	8820.11	17-8	1107.57	
Base	B358	17	8820.11	17-9	0	
Base	B358	17	9189.3	17-9	369.19	
Base	B358	17	9558.49	17-9	738.38	
Base	B358	17	9927.68	17-9	1107.57	
Base	B358	17	9927.68	17-10	0	
Base	B358	17	10296.87	17-10	369.19	
Base	B358	17	10666.05	17-10	738.38	
Base	B358	17	11035.24	17-10	1107.57	
Base	B358	17	11035.24	17-11	0	
Base	B358	17	11404.43	17-11	369.19	
Base	B358	17	11773.62	17-11	738.38	
Base	B358	17	12142.81	17-11	1107.57	
Base	B358	17	12142.81	17-12	0	
Base	B358	17	12512	17-12	369.19	
Base	B358	17	12881.18	17-12	738.38	
Base	B358	17	13250.37	17-12	1107.57	
Base	B358	17	13250.37	17-13	0	
Base	B358	17	13619.56	17-13	369.19	
Base	B358	17	13988.75	17-13	738.38	
Base	B358	17	14357.94	17-13	1107.57	
Base	B358	17	0	17-1	0	
Base	B358	17	366.49	17-1	366.49	
Base	B358	17	732.99	17-1	732.99	
Base	B358	17	1099.48	17-1	1099.48	
Base	B358	17	1099.48	17-2	0	
Base	B358	17	1465.98	17-2	366.49	
Base	B358	17	1832.47	17-2	732.99	
Base	B358	17	2198.97	17-2	1099.48	
Base	B358	17	2198.97	17-3	0	
Base	B358	17	2565.46	17-3	366.49	
Base	B358	17	2931.96	17-3	732.99	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B358	17	3298.45	17-3	1099.48	
Base	B358	17	3298.45	17-4	0	
Base	B358	17	3664.95	17-4	366.49	
Base	B358	17	4031.44	17-4	732.99	
Base	B358	17	4397.93	17-4	1099.48	
Base	B358	17	4397.93	17-5	0	
Base	B358	17	4764.43	17-5	366.49	
Base	B358	17	5130.92	17-5	732.99	
Base	B358	17	5497.42	17-5	1099.48	
Base	B358	17	5497.42	17-6	0	
Base	B358	17	5866.61	17-6	369.19	
Base	B358	17	6235.79	17-6	738.38	
Base	B358	17	6604.98	17-6	1107.57	
Base	B358	17	6604.98	17-7	0	
Base	B358	17	6974.17	17-7	369.19	
Base	B358	17	7343.36	17-7	738.38	
Base	B358	17	7712.55	17-7	1107.57	
Base	B358	17	7712.55	17-8	0	
Base	B358	17	8081.74	17-8	369.19	
Base	B358	17	8450.92	17-8	738.38	
Base	B358	17	8820.11	17-8	1107.57	
Base	B358	17	8820.11	17-9	0	
Base	B358	17	9189.3	17-9	369.19	
Base	B358	17	9558.49	17-9	738.38	
Base	B358	17	9927.68	17-9	1107.57	
Base	B358	17	9927.68	17-10	0	
Base	B358	17	10296.87	17-10	369.19	
Base	B358	17	10666.05	17-10	738.38	
Base	B358	17	11035.24	17-10	1107.57	
Base	B358	17	11035.24	17-11	0	
Base	B358	17	11404.43	17-11	369.19	
Base	B358	17	11773.62	17-11	738.38	
Base	B358	17	12142.81	17-11	1107.57	
Base	B358	17	12142.81	17-12	0	
Base	B358	17	12512	17-12	369.19	
Base	B358	17	12881.18	17-12	738.38	
Base	B358	17	13250.37	17-12	1107.57	
Base	B358	17	13250.37	17-13	0	
Base	B358	17	13619.56	17-13	369.19	
Base	B358	17	13988.75	17-13	738.38	
Base	B358	17	14357.94	17-13	1107.57	
Base	B366	26	0	26-1	0	
Base	B366	26	262.5	26-1	262.5	
Base	B366	26	525	26-1	525	
Base	B366	26	525	26-2	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B366	26	787.5	26-2	262.5	
Base	B366	26	1050	26-2	525	
Base	B366	26	1050	26-3	0	
Base	B366	26	1500	26-3	450	
Base	B366	26	1950	26-3	900	
Base	B366	26	1950	26-4	0	
Base	B366	26	2320.5	26-4	370.5	
Base	B366	26	2320.5	26-5	0	
Base	B366	26	2691	26-5	370.5	
Base	B366	26	2691	26-6	0	
Base	B366	26	3041	26-6	350	
Base	B366	26	3041	26-7	0	
Base	B366	26	3391	26-7	350	
Base	B366	26	3391	26-8	0	
Base	B366	26	3782.67	26-8	391.67	
Base	B366	26	4174.33	26-8	783.33	
Base	B366	26	4566	26-8	1175	
Base	B366	26	4566	26-9	0	
Base	B366	26	4957.67	26-9	391.67	
Base	B366	26	5349.33	26-9	783.33	
Base	B366	26	5741	26-9	1175	
Base	B366	26	5741	26-10	0	
Base	B366	26	6132.67	26-10	391.67	
Base	B366	26	6524.33	26-10	783.33	
Base	B366	26	6916	26-10	1175	
Base	B366	26	6916	26-11	0	
Base	B366	26	7307.67	26-11	391.67	
Base	B366	26	7699.33	26-11	783.33	
Base	B366	26	8091	26-11	1175	
Base	B366	26	8091	26-12	0	
Base	B366	26	8482.67	26-12	391.67	
Base	B366	26	8874.33	26-12	783.33	
Base	B366	26	9266	26-12	1175	
Base	B366	26	9266	26-13	0	
Base	B366	26	9657.67	26-13	391.67	
Base	B366	26	10049.33	26-13	783.33	
Base	B366	26	10441	26-13	1175	
Base	B366	26	10441	26-14	0	
Base	B366	26	10832.67	26-14	391.67	
Base	B366	26	11224.33	26-14	783.33	
Base	B366	26	11616	26-14	1175	
Base	B366	26	11616	26-15	0	
Base	B366	26	12007.67	26-15	391.67	
Base	B366	26	12399.33	26-15	783.33	
Base	B366	26	12791	26-15	1175	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B366	26	12791	26-16	0	
Base	B366	26	13141	26-16	350	
Base	B366	26	13141	26-17	0	
Base	B366	26	13491	26-17	350	
Base	B366	26	13491	26-18	0	
Base	B366	26	13941	26-18	450	
Base	B366	26	13941	26-19	0	
Base	B366	26	14391	26-19	450	
Base	B366	26	14391	26-20	0	
Base	B366	26	14841	26-20	450	
Base	B366	26	14841	26-21	0	
Base	B366	26	15191	26-21	350	
Base	B366	26	15191	26-22	0	
Base	B366	26	15656	26-22	465	
Base	B366	26	16121	26-22	930	
Base	B366	26	16121	26-23	0	
Base	B366	26	16586	26-23	465	
Base	B366	26	17051	26-23	930	
Base	B366	26	17051	26-24	0	
Base	B366	26	17441	26-24	390	
Base	B366	26	17441	26-25	0	
Base	B366	26	17831	26-25	390	
Base	B366	26	17831	26-26	0	
Base	B366	26	18096	26-26	265	
Base	B366	26	18361	26-26	530	
Base	B366	26	18361	26-27	0	
Base	B366	26	18626	26-27	265	
Base	B366	26	18891	26-27	530	
Base	B366	26	18891	26-28	0	
Base	B366	26	19172.25	26-28	281.25	
Base	B366	26	19453.5	26-28	562.5	
Base	B366	26	19453.5	26-29	0	
Base	B366	26	19734.75	26-29	281.25	
Base	B366	26	20016	26-29	562.5	
Base	B366	26	20016	26-30	0	
Base	B366	26	20297.25	26-30	281.25	
Base	B366	26	20578.5	26-30	562.5	
Base	B366	26	20578.5	26-31	0	
Base	B366	26	20859.75	26-31	281.25	
Base	B366	26	21141	26-31	562.5	
Base	B366	26	21141	26-32	0	
Base	B366	26	21591	26-32	450	
Base	B366	26	21591	26-33	0	
Base	B366	26	22041	26-33	450	
Base	B366	26	22041	26-34	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B366	26	22322.25	26-34	281.25	
Base	B366	26	22603.5	26-34	562.5	
Base	B366	26	22603.5	26-35	0	
Base	B366	26	22884.75	26-35	281.25	
Base	B366	26	23166	26-35	562.5	
Base	B366	26	23166	26-36	0	
Base	B366	26	23447.25	26-36	281.25	
Base	B366	26	23728.5	26-36	562.5	
Base	B366	26	23728.5	26-37	0	
Base	B366	26	24009.75	26-37	281.25	
Base	B366	26	24291	26-37	562.5	
Base	B366	26	0	26-1	0	
Base	B366	26	262.5	26-1	262.5	
Base	B366	26	525	26-1	525	
Base	B366	26	525	26-2	0	
Base	B366	26	787.5	26-2	262.5	
Base	B366	26	1050	26-2	525	
Base	B366	26	1050	26-3	0	
Base	B366	26	1500	26-3	450	
Base	B366	26	1950	26-3	900	
Base	B366	26	1950	26-4	0	
Base	B366	26	2320.5	26-4	370.5	
Base	B366	26	2320.5	26-5	0	
Base	B366	26	2691	26-5	370.5	
Base	B366	26	2691	26-6	0	
Base	B366	26	3041	26-6	350	
Base	B366	26	3041	26-7	0	
Base	B366	26	3391	26-7	350	
Base	B366	26	3391	26-8	0	
Base	B366	26	3782.67	26-8	391.67	
Base	B366	26	4174.33	26-8	783.33	
Base	B366	26	4566	26-8	1175	
Base	B366	26	4566	26-9	0	
Base	B366	26	4957.67	26-9	391.67	
Base	B366	26	5349.33	26-9	783.33	
Base	B366	26	5741	26-9	1175	
Base	B366	26	5741	26-10	0	
Base	B366	26	6132.67	26-10	391.67	
Base	B366	26	6524.33	26-10	783.33	
Base	B366	26	6916	26-10	1175	
Base	B366	26	6916	26-11	0	
Base	B366	26	7307.67	26-11	391.67	
Base	B366	26	7699.33	26-11	783.33	
Base	B366	26	8091	26-11	1175	
Base	B366	26	8091	26-12	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B366	26	8482.67	26-12	391.67	
Base	B366	26	8874.33	26-12	783.33	
Base	B366	26	9266	26-12	1175	
Base	B366	26	9266	26-13	0	
Base	B366	26	9657.67	26-13	391.67	
Base	B366	26	10049.33	26-13	783.33	
Base	B366	26	10441	26-13	1175	
Base	B366	26	10441	26-14	0	
Base	B366	26	10832.67	26-14	391.67	
Base	B366	26	11224.33	26-14	783.33	
Base	B366	26	11616	26-14	1175	
Base	B366	26	11616	26-15	0	
Base	B366	26	12007.67	26-15	391.67	
Base	B366	26	12399.33	26-15	783.33	
Base	B366	26	12791	26-15	1175	
Base	B366	26	12791	26-16	0	
Base	B366	26	13141	26-16	350	
Base	B366	26	13141	26-17	0	
Base	B366	26	13491	26-17	350	
Base	B366	26	13491	26-18	0	
Base	B366	26	13941	26-18	450	
Base	B366	26	13941	26-19	0	
Base	B366	26	14391	26-19	450	
Base	B366	26	14391	26-20	0	
Base	B366	26	14841	26-20	450	
Base	B366	26	14841	26-21	0	
Base	B366	26	15191	26-21	350	
Base	B366	26	15191	26-22	0	
Base	B366	26	15656	26-22	465	
Base	B366	26	16121	26-22	930	
Base	B366	26	16121	26-23	0	
Base	B366	26	16586	26-23	465	
Base	B366	26	17051	26-23	930	
Base	B366	26	17051	26-24	0	
Base	B366	26	17441	26-24	390	
Base	B366	26	17441	26-25	0	
Base	B366	26	17831	26-25	390	
Base	B366	26	17831	26-26	0	
Base	B366	26	18096	26-26	265	
Base	B366	26	18361	26-26	530	
Base	B366	26	18361	26-27	0	
Base	B366	26	18626	26-27	265	
Base	B366	26	18891	26-27	530	
Base	B366	26	18891	26-28	0	
Base	B366	26	19172.25	26-28	281.25	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B366	26	19453.5	26-28	562.5	
Base	B366	26	19453.5	26-29	0	
Base	B366	26	19734.75	26-29	281.25	
Base	B366	26	20016	26-29	562.5	
Base	B366	26	20016	26-30	0	
Base	B366	26	20297.25	26-30	281.25	
Base	B366	26	20578.5	26-30	562.5	
Base	B366	26	20578.5	26-31	0	
Base	B366	26	20859.75	26-31	281.25	
Base	B366	26	21141	26-31	562.5	
Base	B366	26	21141	26-32	0	
Base	B366	26	21591	26-32	450	
Base	B366	26	21591	26-33	0	
Base	B366	26	22041	26-33	450	
Base	B366	26	22041	26-34	0	
Base	B366	26	22322.25	26-34	281.25	
Base	B366	26	22603.5	26-34	562.5	
Base	B366	26	22603.5	26-35	0	
Base	B366	26	22884.75	26-35	281.25	
Base	B366	26	23166	26-35	562.5	
Base	B366	26	23166	26-36	0	
Base	B366	26	23447.25	26-36	281.25	
Base	B366	26	23728.5	26-36	562.5	
Base	B366	26	23728.5	26-37	0	
Base	B366	26	24009.75	26-37	281.25	
Base	B366	26	24291	26-37	562.5	
Base	B384	29	0	29-1	0	
Base	B384	29	292.5	29-1	292.5	
Base	B384	29	585	29-1	585	
Base	B384	29	585	29-2	0	
Base	B384	29	975	29-2	390	
Base	B384	29	975	29-3	0	
Base	B384	29	1170	29-3	195	
Base	B384	29	1170	29-4	0	
Base	B384	29	1462.5	29-4	292.5	
Base	B384	29	1755	29-4	585	
Base	B384	29	1755	29-5	0	
Base	B384	29	1950	29-5	195	
Base	B384	29	1950	29-6	0	
Base	B384	29	2340	29-6	390	
Base	B384	29	2340	29-7	0	
Base	B384	29	2632.5	29-7	292.5	
Base	B384	29	2925	29-7	585	
Base	B384	29	2925	29-8	0	
Base	B384	29	3420	29-8	495	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B384	29	3420	29-9	0	
Base	B384	29	3915	29-9	495	
Base	B384	29	3915	29-10	0	
Base	B384	29	4162.5	29-10	247.5	
Base	B384	29	4162.5	29-11	0	
Base	B384	29	4410	29-11	247.5	
Base	B384	29	4410	29-12	0	
Base	B384	29	4905	29-12	495	
Base	B384	29	4905	29-13	0	
Base	B384	29	5400	29-13	495	
Base	B384	29	5400	29-14	0	
Base	B384	29	5700	29-14	300	
Base	B384	29	6000	29-14	600	
Base	B384	29	6000	29-15	0	
Base	B384	29	6480	29-15	480	
Base	B384	29	6480	29-16	0	
Base	B384	29	6600	29-16	120	
Base	B384	29	6600	29-17	0	
Base	B384	29	6900	29-17	300	
Base	B384	29	7200	29-17	600	
Base	B384	29	7200	29-18	0	
Base	B384	29	7560	29-18	360	
Base	B384	29	7560	29-19	0	
Base	B384	29	7800	29-19	240	
Base	B384	29	7800	29-20	0	
Base	B384	29	8100	29-20	300	
Base	B384	29	8400	29-20	600	
Base	B384	29	8400	29-21	0	
Base	B384	29	8640	29-21	240	
Base	B384	29	8640	29-22	0	
Base	B384	29	9000	29-22	360	
Base	B384	29	9000	29-23	0	
Base	B384	29	9300	29-23	300	
Base	B384	29	9600	29-23	600	
Base	B384	29	9600	29-24	0	
Base	B384	29	9720	29-24	120	
Base	B384	29	9720	29-25	0	
Base	B384	29	10200	29-25	480	
Base	B384	29	10200	29-26	0	
Base	B384	29	10500	29-26	300	
Base	B384	29	10800	29-26	600	
Base	B384	29	0	29-1	0	
Base	B384	29	292.5	29-1	292.5	
Base	B384	29	585	29-1	585	
Base	B384	29	585	29-2	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B384	29	975	29-2	390	
Base	B384	29	975	29-3	0	
Base	B384	29	1170	29-3	195	
Base	B384	29	1170	29-4	0	
Base	B384	29	1462.5	29-4	292.5	
Base	B384	29	1755	29-4	585	
Base	B384	29	1755	29-5	0	
Base	B384	29	1950	29-5	195	
Base	B384	29	1950	29-6	0	
Base	B384	29	2340	29-6	390	
Base	B384	29	2340	29-7	0	
Base	B384	29	2632.5	29-7	292.5	
Base	B384	29	2925	29-7	585	
Base	B384	29	2925	29-8	0	
Base	B384	29	3420	29-8	495	
Base	B384	29	3420	29-9	0	
Base	B384	29	3915	29-9	495	
Base	B384	29	3915	29-10	0	
Base	B384	29	4162.5	29-10	247.5	
Base	B384	29	4162.5	29-11	0	
Base	B384	29	4410	29-11	247.5	
Base	B384	29	4410	29-12	0	
Base	B384	29	4905	29-12	495	
Base	B384	29	4905	29-13	0	
Base	B384	29	5400	29-13	495	
Base	B384	29	5400	29-14	0	
Base	B384	29	5700	29-14	300	
Base	B384	29	6000	29-14	600	
Base	B384	29	6000	29-15	0	
Base	B384	29	6480	29-15	480	
Base	B384	29	6480	29-16	0	
Base	B384	29	6600	29-16	120	
Base	B384	29	6600	29-17	0	
Base	B384	29	6900	29-17	300	
Base	B384	29	7200	29-17	600	
Base	B384	29	7200	29-18	0	
Base	B384	29	7560	29-18	360	
Base	B384	29	7560	29-19	0	
Base	B384	29	7800	29-19	240	
Base	B384	29	7800	29-20	0	
Base	B384	29	8100	29-20	300	
Base	B384	29	8400	29-20	600	
Base	B384	29	8400	29-21	0	
Base	B384	29	8640	29-21	240	
Base	B384	29	8640	29-22	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B384	29	9000	29-22	360	
Base	B384	29	9000	29-23	0	
Base	B384	29	9300	29-23	300	
Base	B384	29	9600	29-23	600	
Base	B384	29	9600	29-24	0	
Base	B384	29	9720	29-24	120	
Base	B384	29	9720	29-25	0	
Base	B384	29	10200	29-25	480	
Base	B384	29	10200	29-26	0	
Base	B384	29	10500	29-26	300	
Base	B384	29	10800	29-26	600	
Base	B388	363	0	363-1	0	
Base	B388	363	281.67	363-1	281.67	
Base	B388	363	563.33	363-1	563.33	
Base	B388	363	563.33	363-2	0	
Base	B388	363	845	363-2	281.67	
Base	B388	363	845	363-3	0	
Base	B388	363	1126.67	363-3	281.67	
Base	B388	363	1126.67	363-4	0	
Base	B388	363	1408.33	363-4	281.67	
Base	B388	363	1690	363-4	563.33	
Base	B388	363	1690	363-5	0	
Base	B388	363	2155	363-5	465	
Base	B388	363	2620	363-5	930	
Base	B388	363	2620	363-6	0	
Base	B388	363	3085	363-6	465	
Base	B388	363	3550	363-6	930	
Base	B388	363	3550	363-7	0	
Base	B388	363	3810	363-7	260	
Base	B388	363	4070	363-7	520	
Base	B388	363	4070	363-8	0	
Base	B388	363	4148	363-8	78	
Base	B388	363	4148	363-9	0	
Base	B388	363	4447	363-9	299	
Base	B388	363	4447	363-10	0	
Base	B388	363	4670	363-10	223	
Base	B388	363	4670	363-11	0	
Base	B388	363	4746	363-11	76	
Base	B388	363	4746	363-12	0	
Base	B388	363	5045	363-12	299	
Base	B388	363	5344	363-12	598	
Base	B388	363	0	363-1	0	
Base	B388	363	281.67	363-1	281.67	
Base	B388	363	563.33	363-1	563.33	
Base	B388	363	563.33	363-2	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B388	363	845	363-2	281.67	
Base	B388	363	845	363-3	0	
Base	B388	363	1126.67	363-3	281.67	
Base	B388	363	1126.67	363-4	0	
Base	B388	363	1408.33	363-4	281.67	
Base	B388	363	1690	363-4	563.33	
Base	B388	363	1690	363-5	0	
Base	B388	363	2155	363-5	465	
Base	B388	363	2620	363-5	930	
Base	B388	363	2620	363-6	0	
Base	B388	363	3085	363-6	465	
Base	B388	363	3550	363-6	930	
Base	B388	363	3550	363-7	0	
Base	B388	363	3810	363-7	260	
Base	B388	363	4070	363-7	520	
Base	B388	363	4070	363-8	0	
Base	B388	363	4148	363-8	78	
Base	B388	363	4148	363-9	0	
Base	B388	363	4447	363-9	299	
Base	B388	363	4447	363-10	0	
Base	B388	363	4670	363-10	223	
Base	B388	363	4670	363-11	0	
Base	B388	363	4746	363-11	76	
Base	B388	363	4746	363-12	0	
Base	B388	363	5045	363-12	299	
Base	B388	363	5344	363-12	598	
Base	B389	95	0	95-1	0	
Base	B389	95	300	95-1	300	
Base	B389	95	600	95-1	600	
Base	B389	95	600	95-2	0	
Base	B389	95	1080	95-2	480	
Base	B389	95	1080	95-3	0	
Base	B389	95	1200	95-3	120	
Base	B389	95	1200	95-4	0	
Base	B389	95	1500	95-4	300	
Base	B389	95	1800	95-4	600	
Base	B389	95	1800	95-5	0	
Base	B389	95	2160	95-5	360	
Base	B389	95	2160	95-6	0	
Base	B389	95	2400	95-6	240	
Base	B389	95	2400	95-7	0	
Base	B389	95	2700	95-7	300	
Base	B389	95	3000	95-7	600	
Base	B389	95	3000	95-8	0	
Base	B389	95	3240	95-8	240	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B389	95	3240	95-9	0	
Base	B389	95	3600	95-9	360	
Base	B389	95	3600	95-10	0	
Base	B389	95	3900	95-10	300	
Base	B389	95	4200	95-10	600	
Base	B389	95	4200	95-11	0	
Base	B389	95	4320	95-11	120	
Base	B389	95	4320	95-12	0	
Base	B389	95	4800	95-12	480	
Base	B389	95	4800	95-13	0	
Base	B389	95	5100	95-13	300	
Base	B389	95	5400	95-13	600	
Base	B389	95	5400	95-14	0	
Base	B389	95	5760	95-14	360	
Base	B389	95	6120	95-14	720	
Base	B389	95	6480	95-14	1080	
Base	B389	95	6480	95-15	0	
Base	B389	95	6840	95-15	360	
Base	B389	95	7200	95-15	720	
Base	B389	95	7560	95-15	1080	
Base	B389	95	7560	95-16	0	
Base	B389	95	7920	95-16	360	
Base	B389	95	8280	95-16	720	
Base	B389	95	8640	95-16	1080	
Base	B389	95	8640	95-17	0	
Base	B389	95	9000	95-17	360	
Base	B389	95	9360	95-17	720	
Base	B389	95	9720	95-17	1080	
Base	B389	95	9720	95-18	0	
Base	B389	95	10080	95-18	360	
Base	B389	95	10440	95-18	720	
Base	B389	95	10800	95-18	1080	
Base	B389	95	10800	95-19	0	
Base	B389	95	11100	95-19	300	
Base	B389	95	11400	95-19	600	
Base	B389	95	11400	95-20	0	
Base	B389	95	11880	95-20	480	
Base	B389	95	11880	95-21	0	
Base	B389	95	12000	95-21	120	
Base	B389	95	12000	95-22	0	
Base	B389	95	12300	95-22	300	
Base	B389	95	12600	95-22	600	
Base	B389	95	12600	95-23	0	
Base	B389	95	12960	95-23	360	
Base	B389	95	12960	95-24	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B389	95	13200	95-24	240	
Base	B389	95	13200	95-25	0	
Base	B389	95	13500	95-25	300	
Base	B389	95	13800	95-25	600	
Base	B389	95	13800	95-26	0	
Base	B389	95	14040	95-26	240	
Base	B389	95	14040	95-27	0	
Base	B389	95	14400	95-27	360	
Base	B389	95	14400	95-28	0	
Base	B389	95	14700	95-28	300	
Base	B389	95	15000	95-28	600	
Base	B389	95	15000	95-29	0	
Base	B389	95	15120	95-29	120	
Base	B389	95	15120	95-30	0	
Base	B389	95	15600	95-30	480	
Base	B389	95	15600	95-31	0	
Base	B389	95	15900	95-31	300	
Base	B389	95	16200	95-31	600	
Base	B389	95	0	95-1	0	
Base	B389	95	300	95-1	300	
Base	B389	95	600	95-1	600	
Base	B389	95	600	95-2	0	
Base	B389	95	1080	95-2	480	
Base	B389	95	1080	95-3	0	
Base	B389	95	1200	95-3	120	
Base	B389	95	1200	95-4	0	
Base	B389	95	1500	95-4	300	
Base	B389	95	1800	95-4	600	
Base	B389	95	1800	95-5	0	
Base	B389	95	2160	95-5	360	
Base	B389	95	2160	95-6	0	
Base	B389	95	2400	95-6	240	
Base	B389	95	2400	95-7	0	
Base	B389	95	2700	95-7	300	
Base	B389	95	3000	95-7	600	
Base	B389	95	3000	95-8	0	
Base	B389	95	3240	95-8	240	
Base	B389	95	3240	95-9	0	
Base	B389	95	3600	95-9	360	
Base	B389	95	3600	95-10	0	
Base	B389	95	3900	95-10	300	
Base	B389	95	4200	95-10	600	
Base	B389	95	4200	95-11	0	
Base	B389	95	4320	95-11	120	
Base	B389	95	4320	95-12	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B389	95	4800	95-12	480	
Base	B389	95	4800	95-13	0	
Base	B389	95	5100	95-13	300	
Base	B389	95	5400	95-13	600	
Base	B389	95	5400	95-14	0	
Base	B389	95	5760	95-14	360	
Base	B389	95	6120	95-14	720	
Base	B389	95	6480	95-14	1080	
Base	B389	95	6480	95-15	0	
Base	B389	95	6840	95-15	360	
Base	B389	95	7200	95-15	720	
Base	B389	95	7560	95-15	1080	
Base	B389	95	7560	95-16	0	
Base	B389	95	7920	95-16	360	
Base	B389	95	8280	95-16	720	
Base	B389	95	8640	95-16	1080	
Base	B389	95	8640	95-17	0	
Base	B389	95	9000	95-17	360	
Base	B389	95	9360	95-17	720	
Base	B389	95	9720	95-17	1080	
Base	B389	95	9720	95-18	0	
Base	B389	95	10080	95-18	360	
Base	B389	95	10440	95-18	720	
Base	B389	95	10800	95-18	1080	
Base	B389	95	10800	95-19	0	
Base	B389	95	11100	95-19	300	
Base	B389	95	11400	95-19	600	
Base	B389	95	11400	95-20	0	
Base	B389	95	11880	95-20	480	
Base	B389	95	11880	95-21	0	
Base	B389	95	12000	95-21	120	
Base	B389	95	12000	95-22	0	
Base	B389	95	12300	95-22	300	
Base	B389	95	12600	95-22	600	
Base	B389	95	12600	95-23	0	
Base	B389	95	12960	95-23	360	
Base	B389	95	12960	95-24	0	
Base	B389	95	13200	95-24	240	
Base	B389	95	13200	95-25	0	
Base	B389	95	13500	95-25	300	
Base	B389	95	13800	95-25	600	
Base	B389	95	13800	95-26	0	
Base	B389	95	14040	95-26	240	
Base	B389	95	14040	95-27	0	
Base	B389	95	14400	95-27	360	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B389	95	14400	95-28	0	
Base	B389	95	14700	95-28	300	
Base	B389	95	15000	95-28	600	
Base	B389	95	15000	95-29	0	
Base	B389	95	15120	95-29	120	
Base	B389	95	15120	95-30	0	
Base	B389	95	15600	95-30	480	
Base	B389	95	15600	95-31	0	
Base	B389	95	15900	95-31	300	
Base	B389	95	16200	95-31	600	
Base	B394	100	0	100-1	0	
Base	B394	100	262.5	100-1	262.5	
Base	B394	100	525	100-1	525	
Base	B394	100	525	100-2	0	
Base	B394	100	787.5	100-2	262.5	
Base	B394	100	1050	100-2	525	
Base	B394	100	1050	100-3	0	
Base	B394	100	1312.5	100-3	262.5	
Base	B394	100	1575	100-3	525	
Base	B394	100	1575	100-4	0	
Base	B394	100	1837.5	100-4	262.5	
Base	B394	100	2100	100-4	525	
Base	B394	100	2100	100-5	0	
Base	B394	100	2362.5	100-5	262.5	
Base	B394	100	2625	100-5	525	
Base	B394	100	2625	100-6	0	
Base	B394	100	2887.5	100-6	262.5	
Base	B394	100	3150	100-6	525	
Base	B394	100	3150	100-7	0	
Base	B394	100	3431.25	100-7	281.25	
Base	B394	100	3712.5	100-7	562.5	
Base	B394	100	3712.5	100-8	0	
Base	B394	100	3993.75	100-8	281.25	
Base	B394	100	4275	100-8	562.5	
Base	B394	100	4275	100-9	0	
Base	B394	100	4556.25	100-9	281.25	
Base	B394	100	4837.5	100-9	562.5	
Base	B394	100	4837.5	100-10	0	
Base	B394	100	5118.75	100-10	281.25	
Base	B394	100	5400	100-10	562.5	
Base	B394	100	5400	100-11	0	
Base	B394	100	5760	100-11	360	
Base	B394	100	6120	100-11	720	
Base	B394	100	6480	100-11	1080	
Base	B394	100	6480	100-12	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B394	100	6840	100-12	360	
Base	B394	100	7200	100-12	720	
Base	B394	100	7560	100-12	1080	
Base	B394	100	7560	100-13	0	
Base	B394	100	7920	100-13	360	
Base	B394	100	8280	100-13	720	
Base	B394	100	8640	100-13	1080	
Base	B394	100	8640	100-14	0	
Base	B394	100	9000	100-14	360	
Base	B394	100	9360	100-14	720	
Base	B394	100	9720	100-14	1080	
Base	B394	100	9720	100-15	0	
Base	B394	100	10080	100-15	360	
Base	B394	100	10440	100-15	720	
Base	B394	100	10800	100-15	1080	
Base	B394	100	10800	100-16	0	
Base	B394	100	11160	100-16	360	
Base	B394	100	11520	100-16	720	
Base	B394	100	11880	100-16	1080	
Base	B394	100	11880	100-17	0	
Base	B394	100	12240	100-17	360	
Base	B394	100	12600	100-17	720	
Base	B394	100	12960	100-17	1080	
Base	B394	100	12960	100-18	0	
Base	B394	100	13320	100-18	360	
Base	B394	100	13680	100-18	720	
Base	B394	100	14040	100-18	1080	
Base	B394	100	14040	100-19	0	
Base	B394	100	14400	100-19	360	
Base	B394	100	14760	100-19	720	
Base	B394	100	15120	100-19	1080	
Base	B394	100	15120	100-20	0	
Base	B394	100	15480	100-20	360	
Base	B394	100	15840	100-20	720	
Base	B394	100	16200	100-20	1080	
Base	B394	100	0	100-1	0	
Base	B394	100	262.5	100-1	262.5	
Base	B394	100	525	100-1	525	
Base	B394	100	525	100-2	0	
Base	B394	100	787.5	100-2	262.5	
Base	B394	100	1050	100-2	525	
Base	B394	100	1050	100-3	0	
Base	B394	100	1312.5	100-3	262.5	
Base	B394	100	1575	100-3	525	
Base	B394	100	1575	100-4	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B394	100	1837.5	100-4	262.5	
Base	B394	100	2100	100-4	525	
Base	B394	100	2100	100-5	0	
Base	B394	100	2362.5	100-5	262.5	
Base	B394	100	2625	100-5	525	
Base	B394	100	2625	100-6	0	
Base	B394	100	2887.5	100-6	262.5	
Base	B394	100	3150	100-6	525	
Base	B394	100	3150	100-7	0	
Base	B394	100	3431.25	100-7	281.25	
Base	B394	100	3712.5	100-7	562.5	
Base	B394	100	3712.5	100-8	0	
Base	B394	100	3993.75	100-8	281.25	
Base	B394	100	4275	100-8	562.5	
Base	B394	100	4275	100-9	0	
Base	B394	100	4556.25	100-9	281.25	
Base	B394	100	4837.5	100-9	562.5	
Base	B394	100	4837.5	100-10	0	
Base	B394	100	5118.75	100-10	281.25	
Base	B394	100	5400	100-10	562.5	
Base	B394	100	5400	100-11	0	
Base	B394	100	5760	100-11	360	
Base	B394	100	6120	100-11	720	
Base	B394	100	6480	100-11	1080	
Base	B394	100	6480	100-12	0	
Base	B394	100	6840	100-12	360	
Base	B394	100	7200	100-12	720	
Base	B394	100	7560	100-12	1080	
Base	B394	100	7560	100-13	0	
Base	B394	100	7920	100-13	360	
Base	B394	100	8280	100-13	720	
Base	B394	100	8640	100-13	1080	
Base	B394	100	8640	100-14	0	
Base	B394	100	9000	100-14	360	
Base	B394	100	9360	100-14	720	
Base	B394	100	9720	100-14	1080	
Base	B394	100	9720	100-15	0	
Base	B394	100	10080	100-15	360	
Base	B394	100	10440	100-15	720	
Base	B394	100	10800	100-15	1080	
Base	B394	100	10800	100-16	0	
Base	B394	100	11160	100-16	360	
Base	B394	100	11520	100-16	720	
Base	B394	100	11880	100-16	1080	
Base	B394	100	11880	100-17	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B394	100	12240	100-17	360	
Base	B394	100	12600	100-17	720	
Base	B394	100	12960	100-17	1080	
Base	B394	100	12960	100-18	0	
Base	B394	100	13320	100-18	360	
Base	B394	100	13680	100-18	720	
Base	B394	100	14040	100-18	1080	
Base	B394	100	14040	100-19	0	
Base	B394	100	14400	100-19	360	
Base	B394	100	14760	100-19	720	
Base	B394	100	15120	100-19	1080	
Base	B394	100	15120	100-20	0	
Base	B394	100	15480	100-20	360	
Base	B394	100	15840	100-20	720	
Base	B394	100	16200	100-20	1080	
Base	B395	106	0	106-1	0	
Base	B395	106	262.5	106-1	262.5	
Base	B395	106	525	106-1	525	
Base	B395	106	525	106-2	0	
Base	B395	106	787.5	106-2	262.5	
Base	B395	106	1050	106-2	525	
Base	B395	106	1050	106-3	0	
Base	B395	106	1312.5	106-3	262.5	
Base	B395	106	1575	106-3	525	
Base	B395	106	1575	106-4	0	
Base	B395	106	1837.5	106-4	262.5	
Base	B395	106	2100	106-4	525	
Base	B395	106	2100	106-5	0	
Base	B395	106	2362.5	106-5	262.5	
Base	B395	106	2625	106-5	525	
Base	B395	106	2625	106-6	0	
Base	B395	106	2887.5	106-6	262.5	
Base	B395	106	3150	106-6	525	
Base	B395	106	3150	106-7	0	
Base	B395	106	3431.25	106-7	281.25	
Base	B395	106	3712.5	106-7	562.5	
Base	B395	106	3712.5	106-8	0	
Base	B395	106	3993.75	106-8	281.25	
Base	B395	106	4275	106-8	562.5	
Base	B395	106	4275	106-9	0	
Base	B395	106	4556.25	106-9	281.25	
Base	B395	106	4837.5	106-9	562.5	
Base	B395	106	4837.5	106-10	0	
Base	B395	106	5118.75	106-10	281.25	
Base	B395	106	5400	106-10	562.5	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B395	106	5400	106-11	0	
Base	B395	106	5760	106-11	360	
Base	B395	106	6120	106-11	720	
Base	B395	106	6480	106-11	1080	
Base	B395	106	6480	106-12	0	
Base	B395	106	6840	106-12	360	
Base	B395	106	7200	106-12	720	
Base	B395	106	7560	106-12	1080	
Base	B395	106	7560	106-13	0	
Base	B395	106	7920	106-13	360	
Base	B395	106	8280	106-13	720	
Base	B395	106	8640	106-13	1080	
Base	B395	106	8640	106-14	0	
Base	B395	106	9000	106-14	360	
Base	B395	106	9360	106-14	720	
Base	B395	106	9720	106-14	1080	
Base	B395	106	9720	106-15	0	
Base	B395	106	10080	106-15	360	
Base	B395	106	10440	106-15	720	
Base	B395	106	10800	106-15	1080	
Base	B395	106	10800	106-16	0	
Base	B395	106	11100	106-16	300	
Base	B395	106	11400	106-16	600	
Base	B395	106	11400	106-17	0	
Base	B395	106	11880	106-17	480	
Base	B395	106	11880	106-18	0	
Base	B395	106	12000	106-18	120	
Base	B395	106	12000	106-19	0	
Base	B395	106	12300	106-19	300	
Base	B395	106	12600	106-19	600	
Base	B395	106	12600	106-20	0	
Base	B395	106	12960	106-20	360	
Base	B395	106	12960	106-21	0	
Base	B395	106	13200	106-21	240	
Base	B395	106	13200	106-22	0	
Base	B395	106	13500	106-22	300	
Base	B395	106	13800	106-22	600	
Base	B395	106	13800	106-23	0	
Base	B395	106	14040	106-23	240	
Base	B395	106	14040	106-24	0	
Base	B395	106	14400	106-24	360	
Base	B395	106	14400	106-25	0	
Base	B395	106	14700	106-25	300	
Base	B395	106	15000	106-25	600	
Base	B395	106	15000	106-26	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B395	106	15120	106-26	120	
Base	B395	106	15120	106-27	0	
Base	B395	106	15600	106-27	480	
Base	B395	106	15600	106-28	0	
Base	B395	106	15900	106-28	300	
Base	B395	106	16200	106-28	600	
Base	B395	106	0	106-1	0	
Base	B395	106	262.5	106-1	262.5	
Base	B395	106	525	106-1	525	
Base	B395	106	525	106-2	0	
Base	B395	106	787.5	106-2	262.5	
Base	B395	106	1050	106-2	525	
Base	B395	106	1050	106-3	0	
Base	B395	106	1312.5	106-3	262.5	
Base	B395	106	1575	106-3	525	
Base	B395	106	1575	106-4	0	
Base	B395	106	1837.5	106-4	262.5	
Base	B395	106	2100	106-4	525	
Base	B395	106	2100	106-5	0	
Base	B395	106	2362.5	106-5	262.5	
Base	B395	106	2625	106-5	525	
Base	B395	106	2625	106-6	0	
Base	B395	106	2887.5	106-6	262.5	
Base	B395	106	3150	106-6	525	
Base	B395	106	3150	106-7	0	
Base	B395	106	3431.25	106-7	281.25	
Base	B395	106	3712.5	106-7	562.5	
Base	B395	106	3712.5	106-8	0	
Base	B395	106	3993.75	106-8	281.25	
Base	B395	106	4275	106-8	562.5	
Base	B395	106	4275	106-9	0	
Base	B395	106	4556.25	106-9	281.25	
Base	B395	106	4837.5	106-9	562.5	
Base	B395	106	4837.5	106-10	0	
Base	B395	106	5118.75	106-10	281.25	
Base	B395	106	5400	106-10	562.5	
Base	B395	106	5400	106-11	0	
Base	B395	106	5760	106-11	360	
Base	B395	106	6120	106-11	720	
Base	B395	106	6480	106-11	1080	
Base	B395	106	6480	106-12	0	
Base	B395	106	6840	106-12	360	
Base	B395	106	7200	106-12	720	
Base	B395	106	7560	106-12	1080	
Base	B395	106	7560	106-13	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B395	106	7920	106-13	360	
Base	B395	106	8280	106-13	720	
Base	B395	106	8640	106-13	1080	
Base	B395	106	8640	106-14	0	
Base	B395	106	9000	106-14	360	
Base	B395	106	9360	106-14	720	
Base	B395	106	9720	106-14	1080	
Base	B395	106	9720	106-15	0	
Base	B395	106	10080	106-15	360	
Base	B395	106	10440	106-15	720	
Base	B395	106	10800	106-15	1080	
Base	B395	106	10800	106-16	0	
Base	B395	106	11100	106-16	300	
Base	B395	106	11400	106-16	600	
Base	B395	106	11400	106-17	0	
Base	B395	106	11880	106-17	480	
Base	B395	106	11880	106-18	0	
Base	B395	106	12000	106-18	120	
Base	B395	106	12000	106-19	0	
Base	B395	106	12300	106-19	300	
Base	B395	106	12600	106-19	600	
Base	B395	106	12600	106-20	0	
Base	B395	106	12960	106-20	360	
Base	B395	106	12960	106-21	0	
Base	B395	106	13200	106-21	240	
Base	B395	106	13200	106-22	0	
Base	B395	106	13500	106-22	300	
Base	B395	106	13800	106-22	600	
Base	B395	106	13800	106-23	0	
Base	B395	106	14040	106-23	240	
Base	B395	106	14040	106-24	0	
Base	B395	106	14400	106-24	360	
Base	B395	106	14400	106-25	0	
Base	B395	106	14700	106-25	300	
Base	B395	106	15000	106-25	600	
Base	B395	106	15000	106-26	0	
Base	B395	106	15120	106-26	120	
Base	B395	106	15120	106-27	0	
Base	B395	106	15600	106-27	480	
Base	B395	106	15600	106-28	0	
Base	B395	106	15900	106-28	300	
Base	B395	106	16200	106-28	600	
Base	B396	108	0	108-1	0	
Base	B396	108	289.29	108-1	289.29	
Base	B396	108	578.57	108-1	578.57	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B396	108	578.57	108-2	0	
Base	B396	108	1050	108-2	471.43	
Base	B396	108	1050	108-3	0	
Base	B396	108	1157.14	108-3	107.14	
Base	B396	108	1157.14	108-4	0	
Base	B396	108	1446.43	108-4	289.29	
Base	B396	108	1735.71	108-4	578.57	
Base	B396	108	1735.71	108-5	0	
Base	B396	108	2100	108-5	364.29	
Base	B396	108	2100	108-6	0	
Base	B396	108	2314.29	108-6	214.29	
Base	B396	108	2314.29	108-7	0	
Base	B396	108	2603.57	108-7	289.29	
Base	B396	108	2892.86	108-7	578.57	
Base	B396	108	2892.86	108-8	0	
Base	B396	108	3150	108-8	257.14	
Base	B396	108	3150	108-9	0	
Base	B396	108	3471.43	108-9	321.43	
Base	B396	108	3471.43	108-10	0	
Base	B396	108	3760.71	108-10	289.29	
Base	B396	108	4050	108-10	578.57	
Base	B396	108	4050	108-11	0	
Base	B396	108	4275	108-11	225	
Base	B396	108	4275	108-12	0	
Base	B396	108	4628.57	108-12	353.57	
Base	B396	108	4628.57	108-13	0	
Base	B396	108	4917.86	108-13	289.29	
Base	B396	108	5207.14	108-13	578.57	
Base	B396	108	5207.14	108-14	0	
Base	B396	108	5400	108-14	192.86	
Base	B396	108	5400	108-15	0	
Base	B396	108	5785.71	108-15	385.71	
Base	B396	108	5785.71	108-16	0	
Base	B396	108	6075	108-16	289.29	
Base	B396	108	6364.29	108-16	578.57	
Base	B396	108	6364.29	108-17	0	
Base	B396	108	6480	108-17	115.71	
Base	B396	108	6480	108-18	0	
Base	B396	108	6942.86	108-18	462.86	
Base	B396	108	6942.86	108-19	0	
Base	B396	108	7232.14	108-19	289.29	
Base	B396	108	7521.43	108-19	578.57	
Base	B396	108	7521.43	108-20	0	
Base	B396	108	7560	108-20	38.57	
Base	B396	108	7560	108-21	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B396	108	7830	108-21	270	
Base	B396	108	8100	108-21	540	
Base	B396	108	8100	108-22	0	
Base	B396	108	8370	108-22	270	
Base	B396	108	8640	108-22	540	
Base	B396	108	8640	108-23	0	
Base	B396	108	8678.57	108-23	38.57	
Base	B396	108	8678.57	108-24	0	
Base	B396	108	8967.86	108-24	289.29	
Base	B396	108	9257.14	108-24	578.57	
Base	B396	108	9257.14	108-25	0	
Base	B396	108	9720	108-25	462.86	
Base	B396	108	9720	108-26	0	
Base	B396	108	9835.71	108-26	115.71	
Base	B396	108	9835.71	108-27	0	
Base	B396	108	10125	108-27	289.29	
Base	B396	108	10414.29	108-27	578.57	
Base	B396	108	10414.29	108-28	0	
Base	B396	108	10800	108-28	385.71	
Base	B396	108	10800	108-29	0	
Base	B396	108	10992.86	108-29	192.86	
Base	B396	108	10992.86	108-30	0	
Base	B396	108	11475	108-30	482.14	
Base	B396	108	11475	108-31	0	
Base	B396	108	11571.43	108-31	96.43	
Base	B396	108	11571.43	108-32	0	
Base	B396	108	11860.71	108-32	289.29	
Base	B396	108	12150	108-32	578.57	
Base	B396	108	12150	108-33	0	
Base	B396	108	12600	108-33	450	
Base	B396	108	13050	108-33	900	
Base	B396	108	13050	108-34	0	
Base	B396	108	13312.5	108-34	262.5	
Base	B396	108	13575	108-34	525	
Base	B396	108	13575	108-35	0	
Base	B396	108	13837.5	108-35	262.5	
Base	B396	108	14100	108-35	525	
Base	B396	108	14100	108-36	0	
Base	B396	108	14362.5	108-36	262.5	
Base	B396	108	14625	108-36	525	
Base	B396	108	14625	108-37	0	
Base	B396	108	14887.5	108-37	262.5	
Base	B396	108	15150	108-37	525	
Base	B396	108	15150	108-38	0	
Base	B396	108	15412.5	108-38	262.5	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B396	108	15675	108-38	525	
Base	B396	108	15675	108-39	0	
Base	B396	108	15937.5	108-39	262.5	
Base	B396	108	16200	108-39	525	
Base	B396	108	0	108-1	0	
Base	B396	108	289.29	108-1	289.29	
Base	B396	108	578.57	108-1	578.57	
Base	B396	108	578.57	108-2	0	
Base	B396	108	1050	108-2	471.43	
Base	B396	108	1050	108-3	0	
Base	B396	108	1157.14	108-3	107.14	
Base	B396	108	1157.14	108-4	0	
Base	B396	108	1446.43	108-4	289.29	
Base	B396	108	1735.71	108-4	578.57	
Base	B396	108	1735.71	108-5	0	
Base	B396	108	2100	108-5	364.29	
Base	B396	108	2100	108-6	0	
Base	B396	108	2314.29	108-6	214.29	
Base	B396	108	2314.29	108-7	0	
Base	B396	108	2603.57	108-7	289.29	
Base	B396	108	2892.86	108-7	578.57	
Base	B396	108	2892.86	108-8	0	
Base	B396	108	3150	108-8	257.14	
Base	B396	108	3150	108-9	0	
Base	B396	108	3471.43	108-9	321.43	
Base	B396	108	3471.43	108-10	0	
Base	B396	108	3760.71	108-10	289.29	
Base	B396	108	4050	108-10	578.57	
Base	B396	108	4050	108-11	0	
Base	B396	108	4275	108-11	225	
Base	B396	108	4275	108-12	0	
Base	B396	108	4628.57	108-12	353.57	
Base	B396	108	4628.57	108-13	0	
Base	B396	108	4917.86	108-13	289.29	
Base	B396	108	5207.14	108-13	578.57	
Base	B396	108	5207.14	108-14	0	
Base	B396	108	5400	108-14	192.86	
Base	B396	108	5400	108-15	0	
Base	B396	108	5785.71	108-15	385.71	
Base	B396	108	5785.71	108-16	0	
Base	B396	108	6075	108-16	289.29	
Base	B396	108	6364.29	108-16	578.57	
Base	B396	108	6364.29	108-17	0	
Base	B396	108	6480	108-17	115.71	
Base	B396	108	6480	108-18	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B396	108	6942.86	108-18	462.86	
Base	B396	108	6942.86	108-19	0	
Base	B396	108	7232.14	108-19	289.29	
Base	B396	108	7521.43	108-19	578.57	
Base	B396	108	7521.43	108-20	0	
Base	B396	108	7560	108-20	38.57	
Base	B396	108	7560	108-21	0	
Base	B396	108	7830	108-21	270	
Base	B396	108	8100	108-21	540	
Base	B396	108	8100	108-22	0	
Base	B396	108	8370	108-22	270	
Base	B396	108	8640	108-22	540	
Base	B396	108	8640	108-23	0	
Base	B396	108	8678.57	108-23	38.57	
Base	B396	108	8678.57	108-24	0	
Base	B396	108	8967.86	108-24	289.29	
Base	B396	108	9257.14	108-24	578.57	
Base	B396	108	9257.14	108-25	0	
Base	B396	108	9720	108-25	462.86	
Base	B396	108	9720	108-26	0	
Base	B396	108	9835.71	108-26	115.71	
Base	B396	108	9835.71	108-27	0	
Base	B396	108	10125	108-27	289.29	
Base	B396	108	10414.29	108-27	578.57	
Base	B396	108	10414.29	108-28	0	
Base	B396	108	10800	108-28	385.71	
Base	B396	108	10800	108-29	0	
Base	B396	108	10992.86	108-29	192.86	
Base	B396	108	10992.86	108-30	0	
Base	B396	108	11475	108-30	482.14	
Base	B396	108	11475	108-31	0	
Base	B396	108	11571.43	108-31	96.43	
Base	B396	108	11571.43	108-32	0	
Base	B396	108	11860.71	108-32	289.29	
Base	B396	108	12150	108-32	578.57	
Base	B396	108	12150	108-33	0	
Base	B396	108	12600	108-33	450	
Base	B396	108	13050	108-33	900	
Base	B396	108	13050	108-34	0	
Base	B396	108	13312.5	108-34	262.5	
Base	B396	108	13575	108-34	525	
Base	B396	108	13575	108-35	0	
Base	B396	108	13837.5	108-35	262.5	
Base	B396	108	14100	108-35	525	
Base	B396	108	14100	108-36	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B396	108	14362.5	108-36	262.5	
Base	B396	108	14625	108-36	525	
Base	B396	108	14625	108-37	0	
Base	B396	108	14887.5	108-37	262.5	
Base	B396	108	15150	108-37	525	
Base	B396	108	15150	108-38	0	
Base	B396	108	15412.5	108-38	262.5	
Base	B396	108	15675	108-38	525	
Base	B396	108	15675	108-39	0	
Base	B396	108	15937.5	108-39	262.5	
Base	B396	108	16200	108-39	525	
Base	B397	109	0	109-1	0	
Base	B397	109	300	109-1	300	
Base	B397	109	600	109-1	600	
Base	B397	109	600	109-2	0	
Base	B397	109	1080	109-2	480	
Base	B397	109	1080	109-3	0	
Base	B397	109	1200	109-3	120	
Base	B397	109	1200	109-4	0	
Base	B397	109	1500	109-4	300	
Base	B397	109	1800	109-4	600	
Base	B397	109	1800	109-5	0	
Base	B397	109	2160	109-5	360	
Base	B397	109	2160	109-6	0	
Base	B397	109	2400	109-6	240	
Base	B397	109	2400	109-7	0	
Base	B397	109	2700	109-7	300	
Base	B397	109	3000	109-7	600	
Base	B397	109	3000	109-8	0	
Base	B397	109	3240	109-8	240	
Base	B397	109	3240	109-9	0	
Base	B397	109	3600	109-9	360	
Base	B397	109	3600	109-10	0	
Base	B397	109	3900	109-10	300	
Base	B397	109	4200	109-10	600	
Base	B397	109	4200	109-11	0	
Base	B397	109	4320	109-11	120	
Base	B397	109	4320	109-12	0	
Base	B397	109	4800	109-12	480	
Base	B397	109	4800	109-13	0	
Base	B397	109	5100	109-13	300	
Base	B397	109	5400	109-13	600	
Base	B397	109	5400	109-14	0	
Base	B397	109	5760	109-14	360	
Base	B397	109	6120	109-14	720	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B397	109	6480	109-14	1080	
Base	B397	109	6480	109-15	0	
Base	B397	109	6840	109-15	360	
Base	B397	109	7200	109-15	720	
Base	B397	109	7560	109-15	1080	
Base	B397	109	7560	109-16	0	
Base	B397	109	7920	109-16	360	
Base	B397	109	8280	109-16	720	
Base	B397	109	8640	109-16	1080	
Base	B397	109	8640	109-17	0	
Base	B397	109	9000	109-17	360	
Base	B397	109	9360	109-17	720	
Base	B397	109	9720	109-17	1080	
Base	B397	109	9720	109-18	0	
Base	B397	109	10080	109-18	360	
Base	B397	109	10440	109-18	720	
Base	B397	109	10800	109-18	1080	
Base	B397	109	10800	109-19	0	
Base	B397	109	11000	109-19	200	
Base	B397	109	11000	109-20	0	
Base	B397	109	11425	109-20	425	
Base	B397	109	11850	109-20	850	
Base	B397	109	11850	109-21	0	
Base	B397	109	12275	109-21	425	
Base	B397	109	12700	109-21	850	
Base	B397	109	12700	109-22	0	
Base	B397	109	12991.67	109-22	291.67	
Base	B397	109	13283.33	109-22	583.33	
Base	B397	109	13283.33	109-23	0	
Base	B397	109	13575	109-23	291.67	
Base	B397	109	13866.67	109-23	583.33	
Base	B397	109	13866.67	109-24	0	
Base	B397	109	14158.33	109-24	291.67	
Base	B397	109	14450	109-24	583.33	
Base	B397	109	14450	109-25	0	
Base	B397	109	14741.67	109-25	291.67	
Base	B397	109	15033.33	109-25	583.33	
Base	B397	109	15033.33	109-26	0	
Base	B397	109	15325	109-26	291.67	
Base	B397	109	15616.67	109-26	583.33	
Base	B397	109	15616.67	109-27	0	
Base	B397	109	15908.33	109-27	291.67	
Base	B397	109	16200	109-27	583.33	
Base	B397	109	0	109-1	0	
Base	B397	109	300	109-1	300	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B397	109	600	109-1	600	
Base	B397	109	600	109-2	0	
Base	B397	109	1080	109-2	480	
Base	B397	109	1080	109-3	0	
Base	B397	109	1200	109-3	120	
Base	B397	109	1200	109-4	0	
Base	B397	109	1500	109-4	300	
Base	B397	109	1800	109-4	600	
Base	B397	109	1800	109-5	0	
Base	B397	109	2160	109-5	360	
Base	B397	109	2160	109-6	0	
Base	B397	109	2400	109-6	240	
Base	B397	109	2400	109-7	0	
Base	B397	109	2700	109-7	300	
Base	B397	109	3000	109-7	600	
Base	B397	109	3000	109-8	0	
Base	B397	109	3240	109-8	240	
Base	B397	109	3240	109-9	0	
Base	B397	109	3600	109-9	360	
Base	B397	109	3600	109-10	0	
Base	B397	109	3900	109-10	300	
Base	B397	109	4200	109-10	600	
Base	B397	109	4200	109-11	0	
Base	B397	109	4320	109-11	120	
Base	B397	109	4320	109-12	0	
Base	B397	109	4800	109-12	480	
Base	B397	109	4800	109-13	0	
Base	B397	109	5100	109-13	300	
Base	B397	109	5400	109-13	600	
Base	B397	109	5400	109-14	0	
Base	B397	109	5760	109-14	360	
Base	B397	109	6120	109-14	720	
Base	B397	109	6480	109-14	1080	
Base	B397	109	6480	109-15	0	
Base	B397	109	6840	109-15	360	
Base	B397	109	7200	109-15	720	
Base	B397	109	7560	109-15	1080	
Base	B397	109	7560	109-16	0	
Base	B397	109	7920	109-16	360	
Base	B397	109	8280	109-16	720	
Base	B397	109	8640	109-16	1080	
Base	B397	109	8640	109-17	0	
Base	B397	109	9000	109-17	360	
Base	B397	109	9360	109-17	720	
Base	B397	109	9720	109-17	1080	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B397	109	9720	109-18	0	
Base	B397	109	10080	109-18	360	
Base	B397	109	10440	109-18	720	
Base	B397	109	10800	109-18	1080	
Base	B397	109	10800	109-19	0	
Base	B397	109	11000	109-19	200	
Base	B397	109	11000	109-20	0	
Base	B397	109	11425	109-20	425	
Base	B397	109	11850	109-20	850	
Base	B397	109	11850	109-21	0	
Base	B397	109	12275	109-21	425	
Base	B397	109	12700	109-21	850	
Base	B397	109	12700	109-22	0	
Base	B397	109	12991.67	109-22	291.67	
Base	B397	109	13283.33	109-22	583.33	
Base	B397	109	13283.33	109-23	0	
Base	B397	109	13575	109-23	291.67	
Base	B397	109	13866.67	109-23	583.33	
Base	B397	109	13866.67	109-24	0	
Base	B397	109	14158.33	109-24	291.67	
Base	B397	109	14450	109-24	583.33	
Base	B397	109	14450	109-25	0	
Base	B397	109	14741.67	109-25	291.67	
Base	B397	109	15033.33	109-25	583.33	
Base	B397	109	15033.33	109-26	0	
Base	B397	109	15325	109-26	291.67	
Base	B397	109	15616.67	109-26	583.33	
Base	B397	109	15616.67	109-27	0	
Base	B397	109	15908.33	109-27	291.67	
Base	B397	109	16200	109-27	583.33	
Base	B398	346	0	346-1	0	
Base	B398	346	490.91	346-1	490.91	
Base	B398	346	981.82	346-1	981.82	
Base	B398	346	1472.73	346-1	1472.73	
Base	B398	346	1963.64	346-1	1963.64	
Base	B398	346	2454.55	346-1	2454.55	
Base	B398	346	2945.45	346-1	2945.45	
Base	B398	346	3436.36	346-1	3436.36	
Base	B398	346	3927.27	346-1	3927.27	
Base	B398	346	4418.18	346-1	4418.18	
Base	B398	346	4909.09	346-1	4909.09	
Base	B398	346	5400	346-1	5400	
Base	B398	346	5400	346-2	0	
Base	B398	346	5890.91	346-2	490.91	
Base	B398	346	6381.82	346-2	981.82	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B398	346	6872.73	346-2	1472.73	
Base	B398	346	7363.64	346-2	1963.64	
Base	B398	346	7854.55	346-2	2454.55	
Base	B398	346	8345.45	346-2	2945.45	
Base	B398	346	8836.36	346-2	3436.36	
Base	B398	346	9327.27	346-2	3927.27	
Base	B398	346	9818.18	346-2	4418.18	
Base	B398	346	10309.09	346-2	4909.09	
Base	B398	346	10800	346-2	5400	
Base	B398	346	0	346-1	0	
Base	B398	346	490.91	346-1	490.91	
Base	B398	346	981.82	346-1	981.82	
Base	B398	346	1472.73	346-1	1472.73	
Base	B398	346	1963.64	346-1	1963.64	
Base	B398	346	2454.55	346-1	2454.55	
Base	B398	346	2945.45	346-1	2945.45	
Base	B398	346	3436.36	346-1	3436.36	
Base	B398	346	3927.27	346-1	3927.27	
Base	B398	346	4418.18	346-1	4418.18	
Base	B398	346	4909.09	346-1	4909.09	
Base	B398	346	5400	346-1	5400	
Base	B398	346	5400	346-2	0	
Base	B398	346	5890.91	346-2	490.91	
Base	B398	346	6381.82	346-2	981.82	
Base	B398	346	6872.73	346-2	1472.73	
Base	B398	346	7363.64	346-2	1963.64	
Base	B398	346	7854.55	346-2	2454.55	
Base	B398	346	8345.45	346-2	2945.45	
Base	B398	346	8836.36	346-2	3436.36	
Base	B398	346	9327.27	346-2	3927.27	
Base	B398	346	9818.18	346-2	4418.18	
Base	B398	346	10309.09	346-2	4909.09	
Base	B398	346	10800	346-2	5400	
Base	B399	348	0	348-1	0	
Base	B399	348	490.91	348-1	490.91	
Base	B399	348	981.82	348-1	981.82	
Base	B399	348	1472.73	348-1	1472.73	
Base	B399	348	1963.64	348-1	1963.64	
Base	B399	348	2454.55	348-1	2454.55	
Base	B399	348	2945.45	348-1	2945.45	
Base	B399	348	3436.36	348-1	3436.36	
Base	B399	348	3927.27	348-1	3927.27	
Base	B399	348	4418.18	348-1	4418.18	
Base	B399	348	4909.09	348-1	4909.09	
Base	B399	348	5400	348-1	5400	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B399	348	5400	348-2	0	
Base	B399	348	5890.91	348-2	490.91	
Base	B399	348	6381.82	348-2	981.82	
Base	B399	348	6872.73	348-2	1472.73	
Base	B399	348	7363.64	348-2	1963.64	
Base	B399	348	7854.55	348-2	2454.55	
Base	B399	348	8345.45	348-2	2945.45	
Base	B399	348	8836.36	348-2	3436.36	
Base	B399	348	9327.27	348-2	3927.27	
Base	B399	348	9818.18	348-2	4418.18	
Base	B399	348	10309.09	348-2	4909.09	
Base	B399	348	10800	348-2	5400	
Base	B399	348	0	348-1	0	
Base	B399	348	490.91	348-1	490.91	
Base	B399	348	981.82	348-1	981.82	
Base	B399	348	1472.73	348-1	1472.73	
Base	B399	348	1963.64	348-1	1963.64	
Base	B399	348	2454.55	348-1	2454.55	
Base	B399	348	2945.45	348-1	2945.45	
Base	B399	348	3436.36	348-1	3436.36	
Base	B399	348	3927.27	348-1	3927.27	
Base	B399	348	4418.18	348-1	4418.18	
Base	B399	348	4909.09	348-1	4909.09	
Base	B399	348	5400	348-1	5400	
Base	B399	348	5400	348-2	0	
Base	B399	348	5890.91	348-2	490.91	
Base	B399	348	6381.82	348-2	981.82	
Base	B399	348	6872.73	348-2	1472.73	
Base	B399	348	7363.64	348-2	1963.64	
Base	B399	348	7854.55	348-2	2454.55	
Base	B399	348	8345.45	348-2	2945.45	
Base	B399	348	8836.36	348-2	3436.36	
Base	B399	348	9327.27	348-2	3927.27	
Base	B399	348	9818.18	348-2	4418.18	
Base	B399	348	10309.09	348-2	4909.09	
Base	B399	348	10800	348-2	5400	
Base	B400	349	0	349-1	0	
Base	B400	349	300	349-1	300	
Base	B400	349	600	349-1	600	
Base	B400	349	600	349-2	0	
Base	B400	349	900	349-2	300	
Base	B400	349	1200	349-2	600	
Base	B400	349	1200	349-3	0	
Base	B400	349	1500	349-3	300	
Base	B400	349	1800	349-3	600	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B400	349	1800	349-4	0	
Base	B400	349	2100	349-4	300	
Base	B400	349	2400	349-4	600	
Base	B400	349	2400	349-5	0	
Base	B400	349	2700	349-5	300	
Base	B400	349	3000	349-5	600	
Base	B400	349	3000	349-6	0	
Base	B400	349	3300	349-6	300	
Base	B400	349	3600	349-6	600	
Base	B400	349	3600	349-7	0	
Base	B400	349	3900	349-7	300	
Base	B400	349	4200	349-7	600	
Base	B400	349	4200	349-8	0	
Base	B400	349	4500	349-8	300	
Base	B400	349	4800	349-8	600	
Base	B400	349	4800	349-9	0	
Base	B400	349	5100	349-9	300	
Base	B400	349	5400	349-9	600	
Base	B400	349	5400	349-10	0	
Base	B400	349	5890.91	349-10	490.91	
Base	B400	349	6381.82	349-10	981.82	
Base	B400	349	6872.73	349-10	1472.73	
Base	B400	349	7363.64	349-10	1963.64	
Base	B400	349	7854.55	349-10	2454.55	
Base	B400	349	8345.45	349-10	2945.45	
Base	B400	349	8836.36	349-10	3436.36	
Base	B400	349	9327.27	349-10	3927.27	
Base	B400	349	9818.18	349-10	4418.18	
Base	B400	349	10309.09	349-10	4909.09	
Base	B400	349	10800	349-10	5400	
Base	B400	349	10800	349-11	0	
Base	B400	349	11100	349-11	300	
Base	B400	349	11400	349-11	600	
Base	B400	349	11400	349-12	0	
Base	B400	349	11700	349-12	300	
Base	B400	349	12000	349-12	600	
Base	B400	349	12000	349-13	0	
Base	B400	349	12300	349-13	300	
Base	B400	349	12600	349-13	600	
Base	B400	349	12600	349-14	0	
Base	B400	349	12900	349-14	300	
Base	B400	349	13200	349-14	600	
Base	B400	349	13200	349-15	0	
Base	B400	349	13500	349-15	300	
Base	B400	349	13800	349-15	600	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B400	349	13800	349-16	0	
Base	B400	349	14100	349-16	300	
Base	B400	349	14400	349-16	600	
Base	B400	349	14400	349-17	0	
Base	B400	349	14700	349-17	300	
Base	B400	349	15000	349-17	600	
Base	B400	349	15000	349-18	0	
Base	B400	349	15300	349-18	300	
Base	B400	349	15600	349-18	600	
Base	B400	349	15600	349-19	0	
Base	B400	349	15900	349-19	300	
Base	B400	349	16200	349-19	600	
Base	B400	349	0	349-1	0	
Base	B400	349	300	349-1	300	
Base	B400	349	600	349-1	600	
Base	B400	349	600	349-2	0	
Base	B400	349	900	349-2	300	
Base	B400	349	1200	349-2	600	
Base	B400	349	1200	349-3	0	
Base	B400	349	1500	349-3	300	
Base	B400	349	1800	349-3	600	
Base	B400	349	1800	349-4	0	
Base	B400	349	2100	349-4	300	
Base	B400	349	2400	349-4	600	
Base	B400	349	2400	349-5	0	
Base	B400	349	2700	349-5	300	
Base	B400	349	3000	349-5	600	
Base	B400	349	3000	349-6	0	
Base	B400	349	3300	349-6	300	
Base	B400	349	3600	349-6	600	
Base	B400	349	3600	349-7	0	
Base	B400	349	3900	349-7	300	
Base	B400	349	4200	349-7	600	
Base	B400	349	4200	349-8	0	
Base	B400	349	4500	349-8	300	
Base	B400	349	4800	349-8	600	
Base	B400	349	4800	349-9	0	
Base	B400	349	5100	349-9	300	
Base	B400	349	5400	349-9	600	
Base	B400	349	5400	349-10	0	
Base	B400	349	5890.91	349-10	490.91	
Base	B400	349	6381.82	349-10	981.82	
Base	B400	349	6872.73	349-10	1472.73	
Base	B400	349	7363.64	349-10	1963.64	
Base	B400	349	7854.55	349-10	2454.55	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B400	349	8345.45	349-10	2945.45	
Base	B400	349	8836.36	349-10	3436.36	
Base	B400	349	9327.27	349-10	3927.27	
Base	B400	349	9818.18	349-10	4418.18	
Base	B400	349	10309.09	349-10	4909.09	
Base	B400	349	10800	349-10	5400	
Base	B400	349	10800	349-11	0	
Base	B400	349	11100	349-11	300	
Base	B400	349	11400	349-11	600	
Base	B400	349	11400	349-12	0	
Base	B400	349	11700	349-12	300	
Base	B400	349	12000	349-12	600	
Base	B400	349	12000	349-13	0	
Base	B400	349	12300	349-13	300	
Base	B400	349	12600	349-13	600	
Base	B400	349	12600	349-14	0	
Base	B400	349	12900	349-14	300	
Base	B400	349	13200	349-14	600	
Base	B400	349	13200	349-15	0	
Base	B400	349	13500	349-15	300	
Base	B400	349	13800	349-15	600	
Base	B400	349	13800	349-16	0	
Base	B400	349	14100	349-16	300	
Base	B400	349	14400	349-16	600	
Base	B400	349	14400	349-17	0	
Base	B400	349	14700	349-17	300	
Base	B400	349	15000	349-17	600	
Base	B400	349	15000	349-18	0	
Base	B400	349	15300	349-18	300	
Base	B400	349	15600	349-18	600	
Base	B400	349	15600	349-19	0	
Base	B400	349	15900	349-19	300	
Base	B400	349	16200	349-19	600	
Base	B401	354	0	354-1	0	
Base	B401	354	490.91	354-1	490.91	
Base	B401	354	981.82	354-1	981.82	
Base	B401	354	1472.73	354-1	1472.73	
Base	B401	354	1963.64	354-1	1963.64	
Base	B401	354	2454.55	354-1	2454.55	
Base	B401	354	2945.45	354-1	2945.45	
Base	B401	354	3436.36	354-1	3436.36	
Base	B401	354	3927.27	354-1	3927.27	
Base	B401	354	4418.18	354-1	4418.18	
Base	B401	354	4909.09	354-1	4909.09	
Base	B401	354	5400	354-1	5400	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B401	354	5400	354-2	0	
Base	B401	354	5890.91	354-2	490.91	
Base	B401	354	6381.82	354-2	981.82	
Base	B401	354	6872.73	354-2	1472.73	
Base	B401	354	7363.64	354-2	1963.64	
Base	B401	354	7854.55	354-2	2454.55	
Base	B401	354	8345.45	354-2	2945.45	
Base	B401	354	8836.36	354-2	3436.36	
Base	B401	354	9327.27	354-2	3927.27	
Base	B401	354	9818.18	354-2	4418.18	
Base	B401	354	10309.09	354-2	4909.09	
Base	B401	354	10800	354-2	5400	
Base	B401	354	0	354-1	0	
Base	B401	354	490.91	354-1	490.91	
Base	B401	354	981.82	354-1	981.82	
Base	B401	354	1472.73	354-1	1472.73	
Base	B401	354	1963.64	354-1	1963.64	
Base	B401	354	2454.55	354-1	2454.55	
Base	B401	354	2945.45	354-1	2945.45	
Base	B401	354	3436.36	354-1	3436.36	
Base	B401	354	3927.27	354-1	3927.27	
Base	B401	354	4418.18	354-1	4418.18	
Base	B401	354	4909.09	354-1	4909.09	
Base	B401	354	5400	354-1	5400	
Base	B401	354	5400	354-2	0	
Base	B401	354	5890.91	354-2	490.91	
Base	B401	354	6381.82	354-2	981.82	
Base	B401	354	6872.73	354-2	1472.73	
Base	B401	354	7363.64	354-2	1963.64	
Base	B401	354	7854.55	354-2	2454.55	
Base	B401	354	8345.45	354-2	2945.45	
Base	B401	354	8836.36	354-2	3436.36	
Base	B401	354	9327.27	354-2	3927.27	
Base	B401	354	9818.18	354-2	4418.18	
Base	B401	354	10309.09	354-2	4909.09	
Base	B401	354	10800	354-2	5400	
Base	B402	359	0	359-1	0	
Base	B402	359	490.91	359-1	490.91	
Base	B402	359	981.82	359-1	981.82	
Base	B402	359	1472.73	359-1	1472.73	
Base	B402	359	1963.64	359-1	1963.64	
Base	B402	359	2454.55	359-1	2454.55	
Base	B402	359	2945.45	359-1	2945.45	
Base	B402	359	3436.36	359-1	3436.36	
Base	B402	359	3927.27	359-1	3927.27	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B402	359	4418.18	359-1	4418.18	
Base	B402	359	4909.09	359-1	4909.09	
Base	B402	359	5400	359-1	5400	
Base	B402	359	5400	359-2	0	
Base	B402	359	5890.91	359-2	490.91	
Base	B402	359	6381.82	359-2	981.82	
Base	B402	359	6872.73	359-2	1472.73	
Base	B402	359	7363.64	359-2	1963.64	
Base	B402	359	7854.55	359-2	2454.55	
Base	B402	359	8345.45	359-2	2945.45	
Base	B402	359	8836.36	359-2	3436.36	
Base	B402	359	9327.27	359-2	3927.27	
Base	B402	359	9818.18	359-2	4418.18	
Base	B402	359	10309.09	359-2	4909.09	
Base	B402	359	10800	359-2	5400	
Base	B402	359	0	359-1	0	
Base	B402	359	490.91	359-1	490.91	
Base	B402	359	981.82	359-1	981.82	
Base	B402	359	1472.73	359-1	1472.73	
Base	B402	359	1963.64	359-1	1963.64	
Base	B402	359	2454.55	359-1	2454.55	
Base	B402	359	2945.45	359-1	2945.45	
Base	B402	359	3436.36	359-1	3436.36	
Base	B402	359	3927.27	359-1	3927.27	
Base	B402	359	4418.18	359-1	4418.18	
Base	B402	359	4909.09	359-1	4909.09	
Base	B402	359	5400	359-1	5400	
Base	B402	359	5400	359-2	0	
Base	B402	359	5890.91	359-2	490.91	
Base	B402	359	6381.82	359-2	981.82	
Base	B402	359	6872.73	359-2	1472.73	
Base	B402	359	7363.64	359-2	1963.64	
Base	B402	359	7854.55	359-2	2454.55	
Base	B402	359	8345.45	359-2	2945.45	
Base	B402	359	8836.36	359-2	3436.36	
Base	B402	359	9327.27	359-2	3927.27	
Base	B402	359	9818.18	359-2	4418.18	
Base	B402	359	10309.09	359-2	4909.09	
Base	B402	359	10800	359-2	5400	
Base	B403	360	0	360-1	0	
Base	B403	360	400	360-1	400	
Base	B403	360	400	360-2	0	
Base	B403	360	766.67	360-2	366.67	
Base	B403	360	1133.33	360-2	733.33	
Base	B403	360	1500	360-2	1100	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B403	360	1500	360-3	0	
Base	B403	360	1780	360-3	280	
Base	B403	360	2060	360-3	560	
Base	B403	360	2060	360-4	0	
Base	B403	360	2433.33	360-4	373.33	
Base	B403	360	2433.33	360-5	0	
Base	B403	360	2620	360-5	186.67	
Base	B403	360	2620	360-6	0	
Base	B403	360	2900	360-6	280	
Base	B403	360	3180	360-6	560	
Base	B403	360	3180	360-7	0	
Base	B403	360	3366.67	360-7	186.67	
Base	B403	360	3366.67	360-8	0	
Base	B403	360	3740	360-8	373.33	
Base	B403	360	3740	360-9	0	
Base	B403	360	4020	360-9	280	
Base	B403	360	4300	360-9	560	
Base	B403	360	4300	360-10	0	
Base	B403	360	4750	360-10	450	
Base	B403	360	5200	360-10	900	
Base	B403	360	5200	360-11	0	
Base	B403	360	5400	360-11	200	
Base	B403	360	5400	360-12	0	
Base	B403	360	5850	360-12	450	
Base	B403	360	5850	360-13	0	
Base	B403	360	6300	360-13	450	
Base	B403	360	6300	360-14	0	
Base	B403	360	6641.67	360-14	341.67	
Base	B403	360	6983.33	360-14	683.33	
Base	B403	360	7325	360-14	1025	
Base	B403	360	7325	360-15	0	
Base	B403	360	7666.67	360-15	341.67	
Base	B403	360	8008.33	360-15	683.33	
Base	B403	360	8350	360-15	1025	
Base	B403	360	8350	360-16	0	
Base	B403	360	8691.67	360-16	341.67	
Base	B403	360	9033.33	360-16	683.33	
Base	B403	360	9375	360-16	1025	
Base	B403	360	9375	360-17	0	
Base	B403	360	9716.67	360-17	341.67	
Base	B403	360	10058.33	360-17	683.33	
Base	B403	360	10400	360-17	1025	
Base	B403	360	10400	360-18	0	
Base	B403	360	10800	360-18	400	
Base	B403	360	10800	360-19	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B403	360	11097.7	360-19	297.7	
Base	B403	360	11395.4	360-19	595.4	
Base	B403	360	11395.4	360-20	0	
Base	B403	360	11693.1	360-20	297.7	
Base	B403	360	11990.8	360-20	595.4	
Base	B403	360	11990.8	360-21	0	
Base	B403	360	12288.49	360-21	297.7	
Base	B403	360	12586.19	360-21	595.4	
Base	B403	360	12586.19	360-22	0	
Base	B403	360	12883.89	360-22	297.7	
Base	B403	360	13181.59	360-22	595.4	
Base	B403	360	13181.59	360-23	0	
Base	B403	360	13479.29	360-23	297.7	
Base	B403	360	13776.99	360-23	595.4	
Base	B403	360	13776.99	360-24	0	
Base	B403	360	14074.69	360-24	297.7	
Base	B403	360	14372.39	360-24	595.4	
Base	B403	360	0	360-1	0	
Base	B403	360	400	360-1	400	
Base	B403	360	400	360-2	0	
Base	B403	360	766.67	360-2	366.67	
Base	B403	360	1133.33	360-2	733.33	
Base	B403	360	1500	360-2	1100	
Base	B403	360	1500	360-3	0	
Base	B403	360	1780	360-3	280	
Base	B403	360	2060	360-3	560	
Base	B403	360	2060	360-4	0	
Base	B403	360	2433.33	360-4	373.33	
Base	B403	360	2433.33	360-5	0	
Base	B403	360	2620	360-5	186.67	
Base	B403	360	2620	360-6	0	
Base	B403	360	2900	360-6	280	
Base	B403	360	3180	360-6	560	
Base	B403	360	3180	360-7	0	
Base	B403	360	3366.67	360-7	186.67	
Base	B403	360	3366.67	360-8	0	
Base	B403	360	3740	360-8	373.33	
Base	B403	360	3740	360-9	0	
Base	B403	360	4020	360-9	280	
Base	B403	360	4300	360-9	560	
Base	B403	360	4300	360-10	0	
Base	B403	360	4750	360-10	450	
Base	B403	360	5200	360-10	900	
Base	B403	360	5200	360-11	0	
Base	B403	360	5400	360-11	200	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B403	360	5400	360-12	0	
Base	B403	360	5850	360-12	450	
Base	B403	360	5850	360-13	0	
Base	B403	360	6300	360-13	450	
Base	B403	360	6300	360-14	0	
Base	B403	360	6641.67	360-14	341.67	
Base	B403	360	6983.33	360-14	683.33	
Base	B403	360	7325	360-14	1025	
Base	B403	360	7325	360-15	0	
Base	B403	360	7666.67	360-15	341.67	
Base	B403	360	8008.33	360-15	683.33	
Base	B403	360	8350	360-15	1025	
Base	B403	360	8350	360-16	0	
Base	B403	360	8691.67	360-16	341.67	
Base	B403	360	9033.33	360-16	683.33	
Base	B403	360	9375	360-16	1025	
Base	B403	360	9375	360-17	0	
Base	B403	360	9716.67	360-17	341.67	
Base	B403	360	10058.33	360-17	683.33	
Base	B403	360	10400	360-17	1025	
Base	B403	360	10400	360-18	0	
Base	B403	360	10800	360-18	400	
Base	B403	360	10800	360-19	0	
Base	B403	360	11097.7	360-19	297.7	
Base	B403	360	11395.4	360-19	595.4	
Base	B403	360	11395.4	360-20	0	
Base	B403	360	11693.1	360-20	297.7	
Base	B403	360	11990.8	360-20	595.4	
Base	B403	360	11990.8	360-21	0	
Base	B403	360	12288.49	360-21	297.7	
Base	B403	360	12586.19	360-21	595.4	
Base	B403	360	12586.19	360-22	0	
Base	B403	360	12883.89	360-22	297.7	
Base	B403	360	13181.59	360-22	595.4	
Base	B403	360	13181.59	360-23	0	
Base	B403	360	13479.29	360-23	297.7	
Base	B403	360	13776.99	360-23	595.4	
Base	B403	360	13776.99	360-24	0	
Base	B403	360	14074.69	360-24	297.7	
Base	B403	360	14372.39	360-24	595.4	
Base	B404	403	0	403-1	0	
Base	B404	403	360	403-1	360	
Base	B404	403	720	403-1	720	
Base	B404	403	1080	403-1	1080	
Base	B404	403	1080	403-2	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B404	403	1440	403-2	360	
Base	B404	403	1800	403-2	720	
Base	B404	403	2160	403-2	1080	
Base	B404	403	2160	403-3	0	
Base	B404	403	2520	403-3	360	
Base	B404	403	2880	403-3	720	
Base	B404	403	3240	403-3	1080	
Base	B404	403	3240	403-4	0	
Base	B404	403	3600	403-4	360	
Base	B404	403	3960	403-4	720	
Base	B404	403	4320	403-4	1080	
Base	B404	403	4320	403-5	0	
Base	B404	403	4680	403-5	360	
Base	B404	403	5040	403-5	720	
Base	B404	403	5400	403-5	1080	
Base	B404	403	5400	403-6	0	
Base	B404	403	5760	403-6	360	
Base	B404	403	6120	403-6	720	
Base	B404	403	6480	403-6	1080	
Base	B404	403	6480	403-7	0	
Base	B404	403	6840	403-7	360	
Base	B404	403	7200	403-7	720	
Base	B404	403	7560	403-7	1080	
Base	B404	403	7560	403-8	0	
Base	B404	403	7920	403-8	360	
Base	B404	403	8280	403-8	720	
Base	B404	403	8640	403-8	1080	
Base	B404	403	8640	403-9	0	
Base	B404	403	9000	403-9	360	
Base	B404	403	9360	403-9	720	
Base	B404	403	9720	403-9	1080	
Base	B404	403	9720	403-10	0	
Base	B404	403	10080	403-10	360	
Base	B404	403	10440	403-10	720	
Base	B404	403	10800	403-10	1080	
Base	B404	403	10800	403-11	0	
Base	B404	403	11175	403-11	375	
Base	B404	403	11550	403-11	750	
Base	B404	403	11550	403-12	0	
Base	B404	403	11925	403-12	375	
Base	B404	403	12300	403-12	750	
Base	B404	403	12300	403-13	0	
Base	B404	403	12787.5	403-13	487.5	
Base	B404	403	13275	403-13	975	
Base	B404	403	13275	403-14	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B404	403	13762.5	403-14	487.5	
Base	B404	403	14250	403-14	975	
Base	B404	403	14250	403-15	0	
Base	B404	403	14737.5	403-15	487.5	
Base	B404	403	15225	403-15	975	
Base	B404	403	15225	403-16	0	
Base	B404	403	15712.5	403-16	487.5	
Base	B404	403	16200	403-16	975	
Base	B404	403	0	403-1	0	
Base	B404	403	360	403-1	360	
Base	B404	403	720	403-1	720	
Base	B404	403	1080	403-1	1080	
Base	B404	403	1080	403-2	0	
Base	B404	403	1440	403-2	360	
Base	B404	403	1800	403-2	720	
Base	B404	403	2160	403-2	1080	
Base	B404	403	2160	403-3	0	
Base	B404	403	2520	403-3	360	
Base	B404	403	2880	403-3	720	
Base	B404	403	3240	403-3	1080	
Base	B404	403	3240	403-4	0	
Base	B404	403	3600	403-4	360	
Base	B404	403	3960	403-4	720	
Base	B404	403	4320	403-4	1080	
Base	B404	403	4320	403-5	0	
Base	B404	403	4680	403-5	360	
Base	B404	403	5040	403-5	720	
Base	B404	403	5400	403-5	1080	
Base	B404	403	5400	403-6	0	
Base	B404	403	5760	403-6	360	
Base	B404	403	6120	403-6	720	
Base	B404	403	6480	403-6	1080	
Base	B404	403	6480	403-7	0	
Base	B404	403	6840	403-7	360	
Base	B404	403	7200	403-7	720	
Base	B404	403	7560	403-7	1080	
Base	B404	403	7560	403-8	0	
Base	B404	403	7920	403-8	360	
Base	B404	403	8280	403-8	720	
Base	B404	403	8640	403-8	1080	
Base	B404	403	8640	403-9	0	
Base	B404	403	9000	403-9	360	
Base	B404	403	9360	403-9	720	
Base	B404	403	9720	403-9	1080	
Base	B404	403	9720	403-10	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B404	403	10080	403-10	360	
Base	B404	403	10440	403-10	720	
Base	B404	403	10800	403-10	1080	
Base	B404	403	10800	403-11	0	
Base	B404	403	11175	403-11	375	
Base	B404	403	11550	403-11	750	
Base	B404	403	11550	403-12	0	
Base	B404	403	11925	403-12	375	
Base	B404	403	12300	403-12	750	
Base	B404	403	12300	403-13	0	
Base	B404	403	12787.5	403-13	487.5	
Base	B404	403	13275	403-13	975	
Base	B404	403	13275	403-14	0	
Base	B404	403	13762.5	403-14	487.5	
Base	B404	403	14250	403-14	975	
Base	B404	403	14250	403-15	0	
Base	B404	403	14737.5	403-15	487.5	
Base	B404	403	15225	403-15	975	
Base	B404	403	15225	403-16	0	
Base	B404	403	15712.5	403-16	487.5	
Base	B404	403	16200	403-16	975	
Base	B405	404	0	404-1	0	
Base	B405	404	396.12	404-1	396.12	
Base	B405	404	792.24	404-1	792.24	
Base	B405	404	1188.37	404-1	1188.37	
Base	B405	404	1188.37	404-2	0	
Base	B405	404	1584.49	404-2	396.12	
Base	B405	404	1980.61	404-2	792.24	
Base	B405	404	2376.73	404-2	1188.37	
Base	B405	404	2376.73	404-3	0	
Base	B405	404	2772.85	404-3	396.12	
Base	B405	404	3168.97	404-3	792.24	
Base	B405	404	3565.1	404-3	1188.37	
Base	B405	404	3565.1	404-4	0	
Base	B405	404	3961.22	404-4	396.12	
Base	B405	404	4357.34	404-4	792.24	
Base	B405	404	4753.46	404-4	1188.37	
Base	B405	404	0	404-1	0	
Base	B405	404	396.12	404-1	396.12	
Base	B405	404	792.24	404-1	792.24	
Base	B405	404	1188.37	404-1	1188.37	
Base	B405	404	1188.37	404-2	0	
Base	B405	404	1584.49	404-2	396.12	
Base	B405	404	1980.61	404-2	792.24	
Base	B405	404	2376.73	404-2	1188.37	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B405	404	2376.73	404-3	0	
Base	B405	404	2772.85	404-3	396.12	
Base	B405	404	3168.97	404-3	792.24	
Base	B405	404	3565.1	404-3	1188.37	
Base	B405	404	3565.1	404-4	0	
Base	B405	404	3961.22	404-4	396.12	
Base	B405	404	4357.34	404-4	792.24	
Base	B405	404	4753.46	404-4	1188.37	
Base	B406	505	0	505-1	0	
Base	B406	505	360	505-1	360	
Base	B406	505	720	505-1	720	
Base	B406	505	1080	505-1	1080	
Base	B406	505	1080	505-2	0	
Base	B406	505	1440	505-2	360	
Base	B406	505	1800	505-2	720	
Base	B406	505	2160	505-2	1080	
Base	B406	505	2160	505-3	0	
Base	B406	505	2520	505-3	360	
Base	B406	505	2880	505-3	720	
Base	B406	505	3240	505-3	1080	
Base	B406	505	3240	505-4	0	
Base	B406	505	3600	505-4	360	
Base	B406	505	3960	505-4	720	
Base	B406	505	4320	505-4	1080	
Base	B406	505	4320	505-5	0	
Base	B406	505	4680	505-5	360	
Base	B406	505	5040	505-5	720	
Base	B406	505	5400	505-5	1080	
Base	B406	505	5400	505-6	0	
Base	B406	505	5760	505-6	360	
Base	B406	505	6120	505-6	720	
Base	B406	505	6480	505-6	1080	
Base	B406	505	6480	505-7	0	
Base	B406	505	6840	505-7	360	
Base	B406	505	7200	505-7	720	
Base	B406	505	7560	505-7	1080	
Base	B406	505	7560	505-8	0	
Base	B406	505	7920	505-8	360	
Base	B406	505	8280	505-8	720	
Base	B406	505	8640	505-8	1080	
Base	B406	505	8640	505-9	0	
Base	B406	505	9000	505-9	360	
Base	B406	505	9360	505-9	720	
Base	B406	505	9720	505-9	1080	
Base	B406	505	9720	505-10	0	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B406	505	10080	505-10	360	
Base	B406	505	10440	505-10	720	
Base	B406	505	10800	505-10	1080	
Base	B406	505	10800	505-11	0	
Base	B406	505	11100	505-11	300	
Base	B406	505	11100	505-12	0	
Base	B406	505	11500	505-12	400	
Base	B406	505	11900	505-12	800	
Base	B406	505	12300	505-12	1200	
Base	B406	505	12300	505-13	0	
Base	B406	505	12525	505-13	225	
Base	B406	505	12525	505-14	0	
Base	B406	505	12787.5	505-14	262.5	
Base	B406	505	13050	505-14	525	
Base	B406	505	13050	505-15	0	
Base	B406	505	13312.5	505-15	262.5	
Base	B406	505	13575	505-15	525	
Base	B406	505	13575	505-16	0	
Base	B406	505	13750	505-16	175	
Base	B406	505	13750	505-17	0	
Base	B406	505	14100	505-17	350	
Base	B406	505	14100	505-18	0	
Base	B406	505	14362.5	505-18	262.5	
Base	B406	505	14625	505-18	525	
Base	B406	505	14625	505-19	0	
Base	B406	505	14975	505-19	350	
Base	B406	505	14975	505-20	0	
Base	B406	505	15150	505-20	175	
Base	B406	505	15150	505-21	0	
Base	B406	505	15412.5	505-21	262.5	
Base	B406	505	15675	505-21	525	
Base	B406	505	15675	505-22	0	
Base	B406	505	15937.5	505-22	262.5	
Base	B406	505	16200	505-22	525	
Base	B406	505	0	505-1	0	
Base	B406	505	360	505-1	360	
Base	B406	505	720	505-1	720	
Base	B406	505	1080	505-1	1080	
Base	B406	505	1080	505-2	0	
Base	B406	505	1440	505-2	360	
Base	B406	505	1800	505-2	720	
Base	B406	505	2160	505-2	1080	
Base	B406	505	2160	505-3	0	
Base	B406	505	2520	505-3	360	
Base	B406	505	2880	505-3	720	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B406	505	3240	505-3	1080	
Base	B406	505	3240	505-4	0	
Base	B406	505	3600	505-4	360	
Base	B406	505	3960	505-4	720	
Base	B406	505	4320	505-4	1080	
Base	B406	505	4320	505-5	0	
Base	B406	505	4680	505-5	360	
Base	B406	505	5040	505-5	720	
Base	B406	505	5400	505-5	1080	
Base	B406	505	5400	505-6	0	
Base	B406	505	5760	505-6	360	
Base	B406	505	6120	505-6	720	
Base	B406	505	6480	505-6	1080	
Base	B406	505	6480	505-7	0	
Base	B406	505	6840	505-7	360	
Base	B406	505	7200	505-7	720	
Base	B406	505	7560	505-7	1080	
Base	B406	505	7560	505-8	0	
Base	B406	505	7920	505-8	360	
Base	B406	505	8280	505-8	720	
Base	B406	505	8640	505-8	1080	
Base	B406	505	8640	505-9	0	
Base	B406	505	9000	505-9	360	
Base	B406	505	9360	505-9	720	
Base	B406	505	9720	505-9	1080	
Base	B406	505	9720	505-10	0	
Base	B406	505	10080	505-10	360	
Base	B406	505	10440	505-10	720	
Base	B406	505	10800	505-10	1080	
Base	B406	505	10800	505-11	0	
Base	B406	505	11100	505-11	300	
Base	B406	505	11100	505-12	0	
Base	B406	505	11500	505-12	400	
Base	B406	505	11900	505-12	800	
Base	B406	505	12300	505-12	1200	
Base	B406	505	12300	505-13	0	
Base	B406	505	12525	505-13	225	
Base	B406	505	12525	505-14	0	
Base	B406	505	12787.5	505-14	262.5	
Base	B406	505	13050	505-14	525	
Base	B406	505	13050	505-15	0	
Base	B406	505	13312.5	505-15	262.5	
Base	B406	505	13575	505-15	525	
Base	B406	505	13575	505-16	0	
Base	B406	505	13750	505-16	175	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B406	505	13750	505-17	0	
Base	B406	505	14100	505-17	350	
Base	B406	505	14100	505-18	0	
Base	B406	505	14362.5	505-18	262.5	
Base	B406	505	14625	505-18	525	
Base	B406	505	14625	505-19	0	
Base	B406	505	14975	505-19	350	
Base	B406	505	14975	505-20	0	
Base	B406	505	15150	505-20	175	
Base	B406	505	15150	505-21	0	
Base	B406	505	15412.5	505-21	262.5	
Base	B406	505	15675	505-21	525	
Base	B406	505	15675	505-22	0	
Base	B406	505	15937.5	505-22	262.5	
Base	B406	505	16200	505-22	525	
Base	B407	506	0	506-1	0	
Base	B407	506	414.45	506-1	414.45	
Base	B407	506	828.91	506-1	828.91	
Base	B407	506	1243.36	506-1	1243.36	
Base	B407	506	1243.36	506-2	0	
Base	B407	506	1657.81	506-2	414.45	
Base	B407	506	2072.26	506-2	828.91	
Base	B407	506	2486.72	506-2	1243.36	
Base	B407	506	2486.72	506-3	0	
Base	B407	506	2901.17	506-3	414.45	
Base	B407	506	3315.62	506-3	828.91	
Base	B407	506	3730.07	506-3	1243.36	
Base	B407	506	3730.07	506-4	0	
Base	B407	506	4144.53	506-4	414.45	
Base	B407	506	4558.98	506-4	828.91	
Base	B407	506	4973.43	506-4	1243.36	
Base	B407	506	4973.43	506-5	0	
Base	B407	506	5387.88	506-5	414.45	
Base	B407	506	5802.34	506-5	828.91	
Base	B407	506	6216.79	506-5	1243.36	
Base	B407	506	6216.79	506-6	0	
Base	B407	506	6631.24	506-6	414.45	
Base	B407	506	7045.7	506-6	828.91	
Base	B407	506	7460.15	506-6	1243.36	
Base	B407	506	7460.15	506-7	0	
Base	B407	506	7874.6	506-7	414.45	
Base	B407	506	8289.05	506-7	828.91	
Base	B407	506	8703.51	506-7	1243.36	
Base	B407	506	8703.51	506-8	0	
Base	B407	506	9063.51	506-8	360	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B407	506	9423.51	506-8	720	
Base	B407	506	9783.51	506-8	1080	
Base	B407	506	9783.51	506-9	0	
Base	B407	506	10143.51	506-9	360	
Base	B407	506	10503.51	506-9	720	
Base	B407	506	10863.51	506-9	1080	
Base	B407	506	10863.51	506-10	0	
Base	B407	506	11223.51	506-10	360	
Base	B407	506	11583.51	506-10	720	
Base	B407	506	11943.51	506-10	1080	
Base	B407	506	11943.51	506-11	0	
Base	B407	506	12303.51	506-11	360	
Base	B407	506	12663.51	506-11	720	
Base	B407	506	13023.51	506-11	1080	
Base	B407	506	13023.51	506-12	0	
Base	B407	506	13383.51	506-12	360	
Base	B407	506	13743.51	506-12	720	
Base	B407	506	14103.51	506-12	1080	
Base	B407	506	0	506-1	0	
Base	B407	506	414.45	506-1	414.45	
Base	B407	506	828.91	506-1	828.91	
Base	B407	506	1243.36	506-1	1243.36	
Base	B407	506	1243.36	506-2	0	
Base	B407	506	1657.81	506-2	414.45	
Base	B407	506	2072.26	506-2	828.91	
Base	B407	506	2486.72	506-2	1243.36	
Base	B407	506	2486.72	506-3	0	
Base	B407	506	2901.17	506-3	414.45	
Base	B407	506	3315.62	506-3	828.91	
Base	B407	506	3730.07	506-3	1243.36	
Base	B407	506	3730.07	506-4	0	
Base	B407	506	4144.53	506-4	414.45	
Base	B407	506	4558.98	506-4	828.91	
Base	B407	506	4973.43	506-4	1243.36	
Base	B407	506	4973.43	506-5	0	
Base	B407	506	5387.88	506-5	414.45	
Base	B407	506	5802.34	506-5	828.91	
Base	B407	506	6216.79	506-5	1243.36	
Base	B407	506	6216.79	506-6	0	
Base	B407	506	6631.24	506-6	414.45	
Base	B407	506	7045.7	506-6	828.91	
Base	B407	506	7460.15	506-6	1243.36	
Base	B407	506	7460.15	506-7	0	
Base	B407	506	7874.6	506-7	414.45	
Base	B407	506	8289.05	506-7	828.91	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B407	506	8703.51	506-7	1243.36	
Base	B407	506	8703.51	506-8	0	
Base	B407	506	9063.51	506-8	360	
Base	B407	506	9423.51	506-8	720	
Base	B407	506	9783.51	506-8	1080	
Base	B407	506	9783.51	506-9	0	
Base	B407	506	10143.51	506-9	360	
Base	B407	506	10503.51	506-9	720	
Base	B407	506	10863.51	506-9	1080	
Base	B407	506	10863.51	506-10	0	
Base	B407	506	11223.51	506-10	360	
Base	B407	506	11583.51	506-10	720	
Base	B407	506	11943.51	506-10	1080	
Base	B407	506	11943.51	506-11	0	
Base	B407	506	12303.51	506-11	360	
Base	B407	506	12663.51	506-11	720	
Base	B407	506	13023.51	506-11	1080	
Base	B407	506	13023.51	506-12	0	
Base	B407	506	13383.51	506-12	360	
Base	B407	506	13743.51	506-12	720	
Base	B407	506	14103.51	506-12	1080	
Base	B408	653	0	653-1	0	
Base	B408	653	499.77	653-1	499.77	
Base	B408	653	999.53	653-1	999.53	
Base	B408	653	1499.3	653-1	1499.3	
Base	B408	653	1999.06	653-1	1999.06	
Base	B408	653	2498.83	653-1	2498.83	
Base	B408	653	2998.59	653-1	2998.59	
Base	B408	653	3498.36	653-1	3498.36	
Base	B408	653	3998.12	653-1	3998.12	
Base	B408	653	4497.89	653-1	4497.89	
Base	B408	653	4997.65	653-1	4997.65	
Base	B408	653	5497.42	653-1	5497.42	
Base	B408	653	5497.42	653-2	0	
Base	B408	653	5997.18	653-2	499.77	
Base	B408	653	6496.95	653-2	999.53	
Base	B408	653	6996.71	653-2	1499.3	
Base	B408	653	7496.48	653-2	1999.06	
Base	B408	653	7996.24	653-2	2498.83	
Base	B408	653	8496.01	653-2	2998.59	
Base	B408	653	8995.77	653-2	3498.36	
Base	B408	653	9495.54	653-2	3998.12	
Base	B408	653	9995.3	653-2	4497.89	
Base	B408	653	10495.07	653-2	4997.65	
Base	B408	653	10994.84	653-2	5497.42	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B408	653	10994.84	653-3	0	
Base	B408	653	11494.6	653-3	499.77	
Base	B408	653	11994.37	653-3	999.53	
Base	B408	653	12494.13	653-3	1499.3	
Base	B408	653	12993.9	653-3	1999.06	
Base	B408	653	13493.66	653-3	2498.83	
Base	B408	653	13993.43	653-3	2998.59	
Base	B408	653	14493.19	653-3	3498.36	
Base	B408	653	14992.96	653-3	3998.12	
Base	B408	653	15492.72	653-3	4497.89	
Base	B408	653	15992.49	653-3	4997.65	
Base	B408	653	16492.25	653-3	5497.42	
Base	B408	653	0	653-1	0	
Base	B408	653	499.77	653-1	499.77	
Base	B408	653	999.53	653-1	999.53	
Base	B408	653	1499.3	653-1	1499.3	
Base	B408	653	1999.06	653-1	1999.06	
Base	B408	653	2498.83	653-1	2498.83	
Base	B408	653	2998.59	653-1	2998.59	
Base	B408	653	3498.36	653-1	3498.36	
Base	B408	653	3998.12	653-1	3998.12	
Base	B408	653	4497.89	653-1	4497.89	
Base	B408	653	4997.65	653-1	4997.65	
Base	B408	653	5497.42	653-1	5497.42	
Base	B408	653	5497.42	653-2	0	
Base	B408	653	5997.18	653-2	499.77	
Base	B408	653	6496.95	653-2	999.53	
Base	B408	653	6996.71	653-2	1499.3	
Base	B408	653	7496.48	653-2	1999.06	
Base	B408	653	7996.24	653-2	2498.83	
Base	B408	653	8496.01	653-2	2998.59	
Base	B408	653	8995.77	653-2	3498.36	
Base	B408	653	9495.54	653-2	3998.12	
Base	B408	653	9995.3	653-2	4497.89	
Base	B408	653	10495.07	653-2	4997.65	
Base	B408	653	10994.84	653-2	5497.42	
Base	B408	653	10994.84	653-3	0	
Base	B408	653	11494.6	653-3	499.77	
Base	B408	653	11994.37	653-3	999.53	
Base	B408	653	12494.13	653-3	1499.3	
Base	B408	653	12993.9	653-3	1999.06	
Base	B408	653	13493.66	653-3	2498.83	
Base	B408	653	13993.43	653-3	2998.59	
Base	B408	653	14493.19	653-3	3498.36	
Base	B408	653	14992.96	653-3	3998.12	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B408	653	15492.72	653-3	4497.89	
Base	B408	653	15992.49	653-3	4997.65	
Base	B408	653	16492.25	653-3	5497.42	
Base	B208	3	0	3-1	0	
Base	B208	3	496.21	3-1	496.21	
Base	B208	3	992.41	3-1	992.41	
Base	B208	3	1488.62	3-1	1488.62	
Base	B208	3	1984.82	3-1	1984.82	
Base	B208	3	2481.03	3-1	2481.03	
Base	B208	3	2977.23	3-1	2977.23	
Base	B208	3	3473.44	3-1	3473.44	
Base	B208	3	3969.64	3-1	3969.64	
Base	B208	3	3969.64	3-2	0	
Base	B208	3	4460.55	3-2	490.91	
Base	B208	3	4951.46	3-2	981.82	
Base	B208	3	5442.37	3-2	1472.73	
Base	B208	3	5933.28	3-2	1963.64	
Base	B208	3	6424.19	3-2	2454.55	
Base	B208	3	6915.1	3-2	2945.45	
Base	B208	3	7406.01	3-2	3436.36	
Base	B208	3	7896.91	3-2	3927.27	
Base	B208	3	8387.82	3-2	4418.18	
Base	B208	3	8878.73	3-2	4909.09	
Base	B208	3	9369.64	3-2	5400	
Base	B208	3	9369.64	3-3	0	
Base	B208	3	9860.55	3-3	490.91	
Base	B208	3	10351.46	3-3	981.82	
Base	B208	3	10842.37	3-3	1472.73	
Base	B208	3	11333.28	3-3	1963.64	
Base	B208	3	11824.19	3-3	2454.55	
Base	B208	3	12315.1	3-3	2945.45	
Base	B208	3	12806.01	3-3	3436.36	
Base	B208	3	13296.91	3-3	3927.27	
Base	B208	3	13787.82	3-3	4418.18	
Base	B208	3	14278.73	3-3	4909.09	
Base	B208	3	14769.64	3-3	5400	
Base	B208	3	14769.64	3-4	0	
Base	B208	3	15260.55	3-4	490.91	
Base	B208	3	15751.46	3-4	981.82	
Base	B208	3	16242.37	3-4	1472.73	
Base	B208	3	16733.28	3-4	1963.64	
Base	B208	3	17224.19	3-4	2454.55	
Base	B208	3	17715.1	3-4	2945.45	
Base	B208	3	18206.01	3-4	3436.36	
Base	B208	3	18696.91	3-4	3927.27	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B208	3	19187.82	3-4	4418.18	
Base	B208	3	19678.73	3-4	4909.09	
Base	B208	3	20169.64	3-4	5400	
Base	B208	3	20169.64	3-5	0	
Base	B208	3	20660.55	3-5	490.91	
Base	B208	3	21151.46	3-5	981.82	
Base	B208	3	21642.37	3-5	1472.73	
Base	B208	3	22133.28	3-5	1963.64	
Base	B208	3	22624.19	3-5	2454.55	
Base	B208	3	23115.1	3-5	2945.45	
Base	B208	3	23606.01	3-5	3436.36	
Base	B208	3	24096.91	3-5	3927.27	
Base	B208	3	24587.82	3-5	4418.18	
Base	B208	3	25078.73	3-5	4909.09	
Base	B208	3	25569.64	3-5	5400	
Base	B208	3	26060.55	3-5	5890.91	
Base	B208	3	26551.46	3-5	6381.82	
Base	B208	3	27042.37	3-5	6872.73	
Base	B208	3	27533.28	3-5	7363.64	
Base	B208	3	28024.19	3-5	7854.55	
Base	B208	3	28515.1	3-5	8345.45	
Base	B208	3	29006.01	3-5	8836.36	
Base	B208	3	29496.91	3-5	9327.27	
Base	B208	3	29987.82	3-5	9818.18	
Base	B208	3	30478.73	3-5	10309.09	
Base	B208	3	30969.64	3-5	10800	
Base	B208	3	30969.64	3-6	0	
Base	B208	3	31460.55	3-6	490.91	
Base	B208	3	31951.46	3-6	981.82	
Base	B208	3	32442.37	3-6	1472.73	
Base	B208	3	32933.28	3-6	1963.64	
Base	B208	3	33424.19	3-6	2454.55	
Base	B208	3	33915.1	3-6	2945.45	
Base	B208	3	34406.01	3-6	3436.36	
Base	B208	3	34896.91	3-6	3927.27	
Base	B208	3	35387.82	3-6	4418.18	
Base	B208	3	35878.73	3-6	4909.09	
Base	B208	3	36369.64	3-6	5400	
Base	B208	3	36369.64	3-7	0	
Base	B208	3	36860.55	3-7	490.91	
Base	B208	3	37351.46	3-7	981.82	
Base	B208	3	37842.37	3-7	1472.73	
Base	B208	3	38333.28	3-7	1963.64	
Base	B208	3	38824.19	3-7	2454.55	
Base	B208	3	39315.1	3-7	2945.45	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B208	3	39806.01	3-7	3436.36	
Base	B208	3	40296.91	3-7	3927.27	
Base	B208	3	40787.82	3-7	4418.18	
Base	B208	3	41278.73	3-7	4909.09	
Base	B208	3	41769.64	3-7	5400	
Base	B208	3	41769.64	3-8	0	
Base	B208	3	42266.62	3-8	496.97	
Base	B208	3	42763.59	3-8	993.95	
Base	B208	3	43260.57	3-8	1490.92	
Base	B208	3	43757.54	3-8	1987.9	
Base	B208	3	44254.52	3-8	2484.87	
Base	B208	3	44751.49	3-8	2981.85	
Base	B208	3	0	3-1	0	
Base	B208	3	496.21	3-1	496.21	
Base	B208	3	992.41	3-1	992.41	
Base	B208	3	1488.62	3-1	1488.62	
Base	B208	3	1984.82	3-1	1984.82	
Base	B208	3	2481.03	3-1	2481.03	
Base	B208	3	2977.23	3-1	2977.23	
Base	B208	3	3473.44	3-1	3473.44	
Base	B208	3	3969.64	3-1	3969.64	
Base	B208	3	3969.64	3-2	0	
Base	B208	3	4460.55	3-2	490.91	
Base	B208	3	4951.46	3-2	981.82	
Base	B208	3	5442.37	3-2	1472.73	
Base	B208	3	5933.28	3-2	1963.64	
Base	B208	3	6424.19	3-2	2454.55	
Base	B208	3	6915.1	3-2	2945.45	
Base	B208	3	7406.01	3-2	3436.36	
Base	B208	3	7896.91	3-2	3927.27	
Base	B208	3	8387.82	3-2	4418.18	
Base	B208	3	8878.73	3-2	4909.09	
Base	B208	3	9369.64	3-2	5400	
Base	B208	3	9369.64	3-3	0	
Base	B208	3	9860.55	3-3	490.91	
Base	B208	3	10351.46	3-3	981.82	
Base	B208	3	10842.37	3-3	1472.73	
Base	B208	3	11333.28	3-3	1963.64	
Base	B208	3	11824.19	3-3	2454.55	
Base	B208	3	12315.1	3-3	2945.45	
Base	B208	3	12806.01	3-3	3436.36	
Base	B208	3	13296.91	3-3	3927.27	
Base	B208	3	13787.82	3-3	4418.18	
Base	B208	3	14278.73	3-3	4909.09	
Base	B208	3	14769.64	3-3	5400	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B208	3	14769.64	3-4	0	
Base	B208	3	15260.55	3-4	490.91	
Base	B208	3	15751.46	3-4	981.82	
Base	B208	3	16242.37	3-4	1472.73	
Base	B208	3	16733.28	3-4	1963.64	
Base	B208	3	17224.19	3-4	2454.55	
Base	B208	3	17715.1	3-4	2945.45	
Base	B208	3	18206.01	3-4	3436.36	
Base	B208	3	18696.91	3-4	3927.27	
Base	B208	3	19187.82	3-4	4418.18	
Base	B208	3	19678.73	3-4	4909.09	
Base	B208	3	20169.64	3-4	5400	
Base	B208	3	20169.64	3-5	0	
Base	B208	3	20660.55	3-5	490.91	
Base	B208	3	21151.46	3-5	981.82	
Base	B208	3	21642.37	3-5	1472.73	
Base	B208	3	22133.28	3-5	1963.64	
Base	B208	3	22624.19	3-5	2454.55	
Base	B208	3	23115.1	3-5	2945.45	
Base	B208	3	23606.01	3-5	3436.36	
Base	B208	3	24096.91	3-5	3927.27	
Base	B208	3	24587.82	3-5	4418.18	
Base	B208	3	25078.73	3-5	4909.09	
Base	B208	3	25569.64	3-5	5400	
Base	B208	3	26060.55	3-5	5890.91	
Base	B208	3	26551.46	3-5	6381.82	
Base	B208	3	27042.37	3-5	6872.73	
Base	B208	3	27533.28	3-5	7363.64	
Base	B208	3	28024.19	3-5	7854.55	
Base	B208	3	28515.1	3-5	8345.45	
Base	B208	3	29006.01	3-5	8836.36	
Base	B208	3	29496.91	3-5	9327.27	
Base	B208	3	29987.82	3-5	9818.18	
Base	B208	3	30478.73	3-5	10309.09	
Base	B208	3	30969.64	3-5	10800	
Base	B208	3	30969.64	3-6	0	
Base	B208	3	31460.55	3-6	490.91	
Base	B208	3	31951.46	3-6	981.82	
Base	B208	3	32442.37	3-6	1472.73	
Base	B208	3	32933.28	3-6	1963.64	
Base	B208	3	33424.19	3-6	2454.55	
Base	B208	3	33915.1	3-6	2945.45	
Base	B208	3	34406.01	3-6	3436.36	
Base	B208	3	34896.91	3-6	3927.27	
Base	B208	3	35387.82	3-6	4418.18	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B208	3	35878.73	3-6	4909.09	
Base	B208	3	36369.64	3-6	5400	
Base	B208	3	36369.64	3-7	0	
Base	B208	3	36860.55	3-7	490.91	
Base	B208	3	37351.46	3-7	981.82	
Base	B208	3	37842.37	3-7	1472.73	
Base	B208	3	38333.28	3-7	1963.64	
Base	B208	3	38824.19	3-7	2454.55	
Base	B208	3	39315.1	3-7	2945.45	
Base	B208	3	39806.01	3-7	3436.36	
Base	B208	3	40296.91	3-7	3927.27	
Base	B208	3	40787.82	3-7	4418.18	
Base	B208	3	41278.73	3-7	4909.09	
Base	B208	3	41769.64	3-7	5400	
Base	B208	3	41769.64	3-8	0	
Base	B208	3	42266.62	3-8	496.97	
Base	B208	3	42763.59	3-8	993.95	
Base	B208	3	43260.57	3-8	1490.92	
Base	B208	3	43757.54	3-8	1987.9	
Base	B208	3	44254.52	3-8	2484.87	
Base	B208	3	44751.49	3-8	2981.85	
Base	B345	4	0	4	0	
Base	B345	4	490.91	4	490.91	
Base	B345	4	981.82	4	981.82	
Base	B345	4	1472.73	4	1472.73	
Base	B345	4	1963.64	4	1963.64	
Base	B345	4	2454.55	4	2454.55	
Base	B345	4	2945.45	4	2945.45	
Base	B345	4	3436.36	4	3436.36	
Base	B345	4	3927.27	4	3927.27	
Base	B345	4	4418.18	4	4418.18	
Base	B345	4	4909.09	4	4909.09	
Base	B345	4	5400	4	5400	
Base	B345	4	0	4	0	
Base	B345	4	490.91	4	490.91	
Base	B345	4	981.82	4	981.82	
Base	B345	4	1472.73	4	1472.73	
Base	B345	4	1963.64	4	1963.64	
Base	B345	4	2454.55	4	2454.55	
Base	B345	4	2945.45	4	2945.45	
Base	B345	4	3436.36	4	3436.36	
Base	B345	4	3927.27	4	3927.27	
Base	B345	4	4418.18	4	4418.18	
Base	B345	4	4909.09	4	4909.09	
Base	B345	4	5400	4	5400	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B347	6	0	6	0	
Base	B347	6	490.91	6	490.91	
Base	B347	6	981.82	6	981.82	
Base	B347	6	1472.73	6	1472.73	
Base	B347	6	1963.64	6	1963.64	
Base	B347	6	2454.55	6	2454.55	
Base	B347	6	2945.45	6	2945.45	
Base	B347	6	3436.36	6	3436.36	
Base	B347	6	3927.27	6	3927.27	
Base	B347	6	4418.18	6	4418.18	
Base	B347	6	4909.09	6	4909.09	
Base	B347	6	5400	6	5400	
Base	B347	6	0	6	0	
Base	B347	6	490.91	6	490.91	
Base	B347	6	981.82	6	981.82	
Base	B347	6	1472.73	6	1472.73	
Base	B347	6	1963.64	6	1963.64	
Base	B347	6	2454.55	6	2454.55	
Base	B347	6	2945.45	6	2945.45	
Base	B347	6	3436.36	6	3436.36	
Base	B347	6	3927.27	6	3927.27	
Base	B347	6	4418.18	6	4418.18	
Base	B347	6	4909.09	6	4909.09	
Base	B347	6	5400	6	5400	
Base	B351	8	0	8	0	
Base	B351	8	490.91	8	490.91	
Base	B351	8	981.82	8	981.82	
Base	B351	8	1472.73	8	1472.73	
Base	B351	8	1963.64	8	1963.64	
Base	B351	8	2454.55	8	2454.55	
Base	B351	8	2945.45	8	2945.45	
Base	B351	8	3436.36	8	3436.36	
Base	B351	8	3927.27	8	3927.27	
Base	B351	8	4418.18	8	4418.18	
Base	B351	8	4909.09	8	4909.09	
Base	B351	8	5400	8	5400	
Base	B351	8	0	8	0	
Base	B351	8	490.91	8	490.91	
Base	B351	8	981.82	8	981.82	
Base	B351	8	1472.73	8	1472.73	
Base	B351	8	1963.64	8	1963.64	
Base	B351	8	2454.55	8	2454.55	
Base	B351	8	2945.45	8	2945.45	
Base	B351	8	3436.36	8	3436.36	
Base	B351	8	3927.27	8	3927.27	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B351	8	4418.18	8	4418.18	
Base	B351	8	4909.09	8	4909.09	
Base	B351	8	5400	8	5400	
Base	B409	11	0	11	0	
Base	B409	11	490.91	11	490.91	
Base	B409	11	981.82	11	981.82	
Base	B409	11	1472.73	11	1472.73	
Base	B409	11	1963.64	11	1963.64	
Base	B409	11	2454.55	11	2454.55	
Base	B409	11	2945.45	11	2945.45	
Base	B409	11	3436.36	11	3436.36	
Base	B409	11	3927.27	11	3927.27	
Base	B409	11	4418.18	11	4418.18	
Base	B409	11	4909.09	11	4909.09	
Base	B409	11	5400	11	5400	
Base	B409	11	0	11	0	
Base	B409	11	490.91	11	490.91	
Base	B409	11	981.82	11	981.82	
Base	B409	11	1472.73	11	1472.73	
Base	B409	11	1963.64	11	1963.64	
Base	B409	11	2454.55	11	2454.55	
Base	B409	11	2945.45	11	2945.45	
Base	B409	11	3436.36	11	3436.36	
Base	B409	11	3927.27	11	3927.27	
Base	B409	11	4418.18	11	4418.18	
Base	B409	11	4909.09	11	4909.09	
Base	B409	11	5400	11	5400	
Base	B410	25	0	25	0	
Base	B410	25	490.91	25	490.91	
Base	B410	25	981.82	25	981.82	
Base	B410	25	1472.73	25	1472.73	
Base	B410	25	1963.64	25	1963.64	
Base	B410	25	2454.55	25	2454.55	
Base	B410	25	2945.45	25	2945.45	
Base	B410	25	3436.36	25	3436.36	
Base	B410	25	3927.27	25	3927.27	
Base	B410	25	4418.18	25	4418.18	
Base	B410	25	4909.09	25	4909.09	
Base	B410	25	5400	25	5400	
Base	B410	25	0	25	0	
Base	B410	25	490.91	25	490.91	
Base	B410	25	981.82	25	981.82	
Base	B410	25	1472.73	25	1472.73	
Base	B410	25	1963.64	25	1963.64	
Base	B410	25	2454.55	25	2454.55	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B410	25	2945.45	25	2945.45	
Base	B410	25	3436.36	25	3436.36	
Base	B410	25	3927.27	25	3927.27	
Base	B410	25	4418.18	25	4418.18	
Base	B410	25	4909.09	25	4909.09	
Base	B410	25	5400	25	5400	
Base	B411	49	0	49	0	
Base	B411	49	490.91	49	490.91	
Base	B411	49	981.82	49	981.82	
Base	B411	49	1472.73	49	1472.73	
Base	B411	49	1963.64	49	1963.64	
Base	B411	49	2454.55	49	2454.55	
Base	B411	49	2945.45	49	2945.45	
Base	B411	49	3436.36	49	3436.36	
Base	B411	49	3927.27	49	3927.27	
Base	B411	49	4418.18	49	4418.18	
Base	B411	49	4909.09	49	4909.09	
Base	B411	49	5400	49	5400	
Base	B411	49	0	49	0	
Base	B411	49	490.91	49	490.91	
Base	B411	49	981.82	49	981.82	
Base	B411	49	1472.73	49	1472.73	
Base	B411	49	1963.64	49	1963.64	
Base	B411	49	2454.55	49	2454.55	
Base	B411	49	2945.45	49	2945.45	
Base	B411	49	3436.36	49	3436.36	
Base	B411	49	3927.27	49	3927.27	
Base	B411	49	4418.18	49	4418.18	
Base	B411	49	4909.09	49	4909.09	
Base	B411	49	5400	49	5400	
Base	B412	654	0	654	0	
Base	B412	654	490.91	654	490.91	
Base	B412	654	981.82	654	981.82	
Base	B412	654	1472.73	654	1472.73	
Base	B412	654	1963.64	654	1963.64	
Base	B412	654	2454.55	654	2454.55	
Base	B412	654	2945.45	654	2945.45	
Base	B412	654	3436.36	654	3436.36	
Base	B412	654	3927.27	654	3927.27	
Base	B412	654	4418.18	654	4418.18	
Base	B412	654	4909.09	654	4909.09	
Base	B412	654	5400	654	5400	
Base	B412	654	0	654	0	
Base	B412	654	490.91	654	490.91	
Base	B412	654	981.82	654	981.82	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B412	654	1472.73	654	1472.73	
Base	B412	654	1963.64	654	1963.64	
Base	B412	654	2454.55	654	2454.55	
Base	B412	654	2945.45	654	2945.45	
Base	B412	654	3436.36	654	3436.36	
Base	B412	654	3927.27	654	3927.27	
Base	B412	654	4418.18	654	4418.18	
Base	B412	654	4909.09	654	4909.09	
Base	B412	654	5400	654	5400	
Base	B413	743	0	743-1	0	
Base	B413	743	485.02	743-1	485.02	
Base	B413	743	970.04	743-1	970.04	
Base	B413	743	1455.06	743-1	1455.06	
Base	B413	743	1940.08	743-1	1940.08	
Base	B413	743	2425.1	743-1	2425.1	
Base	B413	743	2910.12	743-1	2910.12	
Base	B413	743	3395.14	743-1	3395.14	
Base	B413	743	3880.16	743-1	3880.16	
Base	B413	743	4365.18	743-1	4365.18	
Base	B413	743	4850.2	743-1	4850.2	
Base	B413	743	5335.22	743-1	5335.22	
Base	B413	743	5820.24	743-1	5820.24	
Base	B413	743	5820.24	743-2	0	
Base	B413	743	6309.13	743-2	488.89	
Base	B413	743	6798.02	743-2	977.78	
Base	B413	743	7286.91	743-2	1466.67	
Base	B413	743	7775.79	743-2	1955.56	
Base	B413	743	8264.68	743-2	2444.44	
Base	B413	743	8753.57	743-2	2933.33	
Base	B413	743	9242.46	743-2	3422.22	
Base	B413	743	9731.35	743-2	3911.11	
Base	B413	743	10220.24	743-2	4400	
Base	B413	743	10220.24	743-3	0	
Base	B413	743	10709.13	743-3	488.89	
Base	B413	743	11198.02	743-3	977.78	
Base	B413	743	11686.91	743-3	1466.67	
Base	B413	743	12175.79	743-3	1955.56	
Base	B413	743	12664.68	743-3	2444.44	
Base	B413	743	13153.57	743-3	2933.33	
Base	B413	743	13642.46	743-3	3422.22	
Base	B413	743	14131.35	743-3	3911.11	
Base	B413	743	14620.24	743-3	4400	
Base	B413	743	14620.24	743-4	0	
Base	B413	743	15109.13	743-4	488.89	
Base	B413	743	15598.02	743-4	977.78	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B413	743	16086.91	743-4	1466.67	
Base	B413	743	16575.79	743-4	1955.56	
Base	B413	743	17064.68	743-4	2444.44	
Base	B413	743	17553.57	743-4	2933.33	
Base	B413	743	18042.46	743-4	3422.22	
Base	B413	743	18531.35	743-4	3911.11	
Base	B413	743	19020.24	743-4	4400	
Base	B413	743	19020.24	743-5	0	
Base	B413	743	19509.13	743-5	488.89	
Base	B413	743	19998.02	743-5	977.78	
Base	B413	743	20486.91	743-5	1466.67	
Base	B413	743	20975.79	743-5	1955.56	
Base	B413	743	21464.68	743-5	2444.44	
Base	B413	743	21953.57	743-5	2933.33	
Base	B413	743	22442.46	743-5	3422.22	
Base	B413	743	22931.35	743-5	3911.11	
Base	B413	743	23420.24	743-5	4400	
Base	B413	743	23420.24	743-6	0	
Base	B413	743	23909.13	743-6	488.89	
Base	B413	743	24398.02	743-6	977.78	
Base	B413	743	24886.91	743-6	1466.67	
Base	B413	743	25375.79	743-6	1955.56	
Base	B413	743	25864.68	743-6	2444.44	
Base	B413	743	26353.57	743-6	2933.33	
Base	B413	743	26842.46	743-6	3422.22	
Base	B413	743	27331.35	743-6	3911.11	
Base	B413	743	27820.24	743-6	4400	
Base	B413	743	27820.24	743-7	0	
Base	B413	743	28309.13	743-7	488.89	
Base	B413	743	28798.02	743-7	977.78	
Base	B413	743	29286.91	743-7	1466.67	
Base	B413	743	29775.79	743-7	1955.56	
Base	B413	743	30264.68	743-7	2444.44	
Base	B413	743	30753.57	743-7	2933.33	
Base	B413	743	31242.46	743-7	3422.22	
Base	B413	743	31731.35	743-7	3911.11	
Base	B413	743	32220.24	743-7	4400	
Base	B413	743	32220.24	743-8	0	
Base	B413	743	32709.13	743-8	488.89	
Base	B413	743	33198.02	743-8	977.78	
Base	B413	743	33686.91	743-8	1466.67	
Base	B413	743	34175.79	743-8	1955.56	
Base	B413	743	34664.68	743-8	2444.44	
Base	B413	743	35153.57	743-8	2933.33	
Base	B413	743	35642.46	743-8	3422.22	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B413	743	36131.35	743-8	3911.11	
Base	B413	743	36620.24	743-8	4400	
Base	B413	743	36620.24	743-9	0	
Base	B413	743	37095.23	743-9	474.99	
Base	B413	743	37570.22	743-9	949.98	
Base	B413	743	38045.22	743-9	1424.98	
Base	B413	743	38520.21	743-9	1899.97	
Base	B413	743	38995.2	743-9	2374.96	
Base	B413	743	39470.19	743-9	2849.95	
Base	B413	743	39945.18	743-9	3324.94	
Base	B413	743	40420.18	743-9	3799.94	
Base	B413	743	40895.17	743-9	4274.93	
Base	B413	743	41370.16	743-9	4749.92	
Base	B413	743	0	743-1	0	
Base	B413	743	485.02	743-1	485.02	
Base	B413	743	970.04	743-1	970.04	
Base	B413	743	1455.06	743-1	1455.06	
Base	B413	743	1940.08	743-1	1940.08	
Base	B413	743	2425.1	743-1	2425.1	
Base	B413	743	2910.12	743-1	2910.12	
Base	B413	743	3395.14	743-1	3395.14	
Base	B413	743	3880.16	743-1	3880.16	
Base	B413	743	4365.18	743-1	4365.18	
Base	B413	743	4850.2	743-1	4850.2	
Base	B413	743	5335.22	743-1	5335.22	
Base	B413	743	5820.24	743-1	5820.24	
Base	B413	743	5820.24	743-2	0	
Base	B413	743	6309.13	743-2	488.89	
Base	B413	743	6798.02	743-2	977.78	
Base	B413	743	7286.91	743-2	1466.67	
Base	B413	743	7775.79	743-2	1955.56	
Base	B413	743	8264.68	743-2	2444.44	
Base	B413	743	8753.57	743-2	2933.33	
Base	B413	743	9242.46	743-2	3422.22	
Base	B413	743	9731.35	743-2	3911.11	
Base	B413	743	10220.24	743-2	4400	
Base	B413	743	10220.24	743-3	0	
Base	B413	743	10709.13	743-3	488.89	
Base	B413	743	11198.02	743-3	977.78	
Base	B413	743	11686.91	743-3	1466.67	
Base	B413	743	12175.79	743-3	1955.56	
Base	B413	743	12664.68	743-3	2444.44	
Base	B413	743	13153.57	743-3	2933.33	
Base	B413	743	13642.46	743-3	3422.22	
Base	B413	743	14131.35	743-3	3911.11	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B413	743	14620.24	743-3	4400	
Base	B413	743	14620.24	743-4	0	
Base	B413	743	15109.13	743-4	488.89	
Base	B413	743	15598.02	743-4	977.78	
Base	B413	743	16086.91	743-4	1466.67	
Base	B413	743	16575.79	743-4	1955.56	
Base	B413	743	17064.68	743-4	2444.44	
Base	B413	743	17553.57	743-4	2933.33	
Base	B413	743	18042.46	743-4	3422.22	
Base	B413	743	18531.35	743-4	3911.11	
Base	B413	743	19020.24	743-4	4400	
Base	B413	743	19020.24	743-5	0	
Base	B413	743	19509.13	743-5	488.89	
Base	B413	743	19998.02	743-5	977.78	
Base	B413	743	20486.91	743-5	1466.67	
Base	B413	743	20975.79	743-5	1955.56	
Base	B413	743	21464.68	743-5	2444.44	
Base	B413	743	21953.57	743-5	2933.33	
Base	B413	743	22442.46	743-5	3422.22	
Base	B413	743	22931.35	743-5	3911.11	
Base	B413	743	23420.24	743-5	4400	
Base	B413	743	23420.24	743-6	0	
Base	B413	743	23909.13	743-6	488.89	
Base	B413	743	24398.02	743-6	977.78	
Base	B413	743	24886.91	743-6	1466.67	
Base	B413	743	25375.79	743-6	1955.56	
Base	B413	743	25864.68	743-6	2444.44	
Base	B413	743	26353.57	743-6	2933.33	
Base	B413	743	26842.46	743-6	3422.22	
Base	B413	743	27331.35	743-6	3911.11	
Base	B413	743	27820.24	743-6	4400	
Base	B413	743	27820.24	743-7	0	
Base	B413	743	28309.13	743-7	488.89	
Base	B413	743	28798.02	743-7	977.78	
Base	B413	743	29286.91	743-7	1466.67	
Base	B413	743	29775.79	743-7	1955.56	
Base	B413	743	30264.68	743-7	2444.44	
Base	B413	743	30753.57	743-7	2933.33	
Base	B413	743	31242.46	743-7	3422.22	
Base	B413	743	31731.35	743-7	3911.11	
Base	B413	743	32220.24	743-7	4400	
Base	B413	743	32220.24	743-8	0	
Base	B413	743	32709.13	743-8	488.89	
Base	B413	743	33198.02	743-8	977.78	
Base	B413	743	33686.91	743-8	1466.67	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B413	743	34175.79	743-8	1955.56	
Base	B413	743	34664.68	743-8	2444.44	
Base	B413	743	35153.57	743-8	2933.33	
Base	B413	743	35642.46	743-8	3422.22	
Base	B413	743	36131.35	743-8	3911.11	
Base	B413	743	36620.24	743-8	4400	
Base	B413	743	36620.24	743-9	0	
Base	B413	743	37095.23	743-9	474.99	
Base	B413	743	37570.22	743-9	949.98	
Base	B413	743	38045.22	743-9	1424.98	
Base	B413	743	38520.21	743-9	1899.97	
Base	B413	743	38995.2	743-9	2374.96	
Base	B413	743	39470.19	743-9	2849.95	
Base	B413	743	39945.18	743-9	3324.94	
Base	B413	743	40420.18	743-9	3799.94	
Base	B413	743	40895.17	743-9	4274.93	
Base	B413	743	41370.16	743-9	4749.92	
Base	B414	768	0	768	0	
Base	B414	768	492.31	768	492.31	
Base	B414	768	984.62	768	984.62	
Base	B414	768	1476.92	768	1476.92	
Base	B414	768	1969.23	768	1969.23	
Base	B414	768	2461.54	768	2461.54	
Base	B414	768	2953.85	768	2953.85	
Base	B414	768	3446.15	768	3446.15	
Base	B414	768	3938.46	768	3938.46	
Base	B414	768	4430.77	768	4430.77	
Base	B414	768	4923.08	768	4923.08	
Base	B414	768	5415.38	768	5415.38	
Base	B414	768	5907.69	768	5907.69	
Base	B414	768	6400	768	6400	
Base	B414	768	0	768	0	
Base	B414	768	492.31	768	492.31	
Base	B414	768	984.62	768	984.62	
Base	B414	768	1476.92	768	1476.92	
Base	B414	768	1969.23	768	1969.23	
Base	B414	768	2461.54	768	2461.54	
Base	B414	768	2953.85	768	2953.85	
Base	B414	768	3446.15	768	3446.15	
Base	B414	768	3938.46	768	3938.46	
Base	B414	768	4430.77	768	4430.77	
Base	B414	768	4923.08	768	4923.08	
Base	B414	768	5415.38	768	5415.38	
Base	B414	768	5907.69	768	5907.69	
Base	B414	768	6400	768	6400	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B415	769	0	769	0	
Base	B415	769	492.31	769	492.31	
Base	B415	769	984.62	769	984.62	
Base	B415	769	1476.92	769	1476.92	
Base	B415	769	1969.23	769	1969.23	
Base	B415	769	2461.54	769	2461.54	
Base	B415	769	2953.85	769	2953.85	
Base	B415	769	3446.15	769	3446.15	
Base	B415	769	3938.46	769	3938.46	
Base	B415	769	4430.77	769	4430.77	
Base	B415	769	4923.08	769	4923.08	
Base	B415	769	5415.38	769	5415.38	
Base	B415	769	5907.69	769	5907.69	
Base	B415	769	6400	769	6400	
Base	B415	769	0	769	0	
Base	B415	769	492.31	769	492.31	
Base	B415	769	984.62	769	984.62	
Base	B415	769	1476.92	769	1476.92	
Base	B415	769	1969.23	769	1969.23	
Base	B415	769	2461.54	769	2461.54	
Base	B415	769	2953.85	769	2953.85	
Base	B415	769	3446.15	769	3446.15	
Base	B415	769	3938.46	769	3938.46	
Base	B415	769	4430.77	769	4430.77	
Base	B415	769	4923.08	769	4923.08	
Base	B415	769	5415.38	769	5415.38	
Base	B415	769	5907.69	769	5907.69	
Base	B415	769	6400	769	6400	
Base	B416	770	0	770	0	
Base	B416	770	492.31	770	492.31	
Base	B416	770	984.62	770	984.62	
Base	B416	770	1476.92	770	1476.92	
Base	B416	770	1969.23	770	1969.23	
Base	B416	770	2461.54	770	2461.54	
Base	B416	770	2953.85	770	2953.85	
Base	B416	770	3446.15	770	3446.15	
Base	B416	770	3938.46	770	3938.46	
Base	B416	770	4430.77	770	4430.77	
Base	B416	770	4923.08	770	4923.08	
Base	B416	770	5415.38	770	5415.38	
Base	B416	770	5907.69	770	5907.69	
Base	B416	770	6400	770	6400	
Base	B416	770	0	770	0	
Base	B416	770	492.31	770	492.31	
Base	B416	770	984.62	770	984.62	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B416	770	1476.92	770	1476.92	
Base	B416	770	1969.23	770	1969.23	
Base	B416	770	2461.54	770	2461.54	
Base	B416	770	2953.85	770	2953.85	
Base	B416	770	3446.15	770	3446.15	
Base	B416	770	3938.46	770	3938.46	
Base	B416	770	4430.77	770	4430.77	
Base	B416	770	4923.08	770	4923.08	
Base	B416	770	5415.38	770	5415.38	
Base	B416	770	5907.69	770	5907.69	
Base	B416	770	6400	770	6400	
Base	B417	771	0	771	0	
Base	B417	771	492.31	771	492.31	
Base	B417	771	984.62	771	984.62	
Base	B417	771	1476.92	771	1476.92	
Base	B417	771	1969.23	771	1969.23	
Base	B417	771	2461.54	771	2461.54	
Base	B417	771	2953.85	771	2953.85	
Base	B417	771	3446.15	771	3446.15	
Base	B417	771	3938.46	771	3938.46	
Base	B417	771	4430.77	771	4430.77	
Base	B417	771	4923.08	771	4923.08	
Base	B417	771	5415.38	771	5415.38	
Base	B417	771	5907.69	771	5907.69	
Base	B417	771	6400	771	6400	
Base	B417	771	0	771	0	
Base	B417	771	492.31	771	492.31	
Base	B417	771	984.62	771	984.62	
Base	B417	771	1476.92	771	1476.92	
Base	B417	771	1969.23	771	1969.23	
Base	B417	771	2461.54	771	2461.54	
Base	B417	771	2953.85	771	2953.85	
Base	B417	771	3446.15	771	3446.15	
Base	B417	771	3938.46	771	3938.46	
Base	B417	771	4430.77	771	4430.77	
Base	B417	771	4923.08	771	4923.08	
Base	B417	771	5415.38	771	5415.38	
Base	B417	771	5907.69	771	5907.69	
Base	B417	771	6400	771	6400	
Base	B418	840	0	840	0	
Base	B418	840	492.31	840	492.31	
Base	B418	840	984.62	840	984.62	
Base	B418	840	1476.92	840	1476.92	
Base	B418	840	1969.23	840	1969.23	
Base	B418	840	2461.54	840	2461.54	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B418	840	2953.85	840	2953.85	
Base	B418	840	3446.15	840	3446.15	
Base	B418	840	3938.46	840	3938.46	
Base	B418	840	4430.77	840	4430.77	
Base	B418	840	4923.08	840	4923.08	
Base	B418	840	5415.38	840	5415.38	
Base	B418	840	5907.69	840	5907.69	
Base	B418	840	6400	840	6400	
Base	B418	840	0	840	0	
Base	B418	840	492.31	840	492.31	
Base	B418	840	984.62	840	984.62	
Base	B418	840	1476.92	840	1476.92	
Base	B418	840	1969.23	840	1969.23	
Base	B418	840	2461.54	840	2461.54	
Base	B418	840	2953.85	840	2953.85	
Base	B418	840	3446.15	840	3446.15	
Base	B418	840	3938.46	840	3938.46	
Base	B418	840	4430.77	840	4430.77	
Base	B418	840	4923.08	840	4923.08	
Base	B418	840	5415.38	840	5415.38	
Base	B418	840	5907.69	840	5907.69	
Base	B418	840	6400	840	6400	
Base	B419	841	0	841	0	
Base	B419	841	492.31	841	492.31	
Base	B419	841	984.62	841	984.62	
Base	B419	841	1476.92	841	1476.92	
Base	B419	841	1969.23	841	1969.23	
Base	B419	841	2461.54	841	2461.54	
Base	B419	841	2953.85	841	2953.85	
Base	B419	841	3446.15	841	3446.15	
Base	B419	841	3938.46	841	3938.46	
Base	B419	841	4430.77	841	4430.77	
Base	B419	841	4923.08	841	4923.08	
Base	B419	841	5415.38	841	5415.38	
Base	B419	841	5907.69	841	5907.69	
Base	B419	841	6400	841	6400	
Base	B419	841	0	841	0	
Base	B419	841	492.31	841	492.31	
Base	B419	841	984.62	841	984.62	
Base	B419	841	1476.92	841	1476.92	
Base	B419	841	1969.23	841	1969.23	
Base	B419	841	2461.54	841	2461.54	
Base	B419	841	2953.85	841	2953.85	
Base	B419	841	3446.15	841	3446.15	
Base	B419	841	3938.46	841	3938.46	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B419	841	4430.77	841	4430.77	
Base	B419	841	4923.08	841	4923.08	
Base	B419	841	5415.38	841	5415.38	
Base	B419	841	5907.69	841	5907.69	
Base	B419	841	6400	841	6400	
Base	B420	843	0	843	0	
Base	B420	843	492.31	843	492.31	
Base	B420	843	984.62	843	984.62	
Base	B420	843	1476.92	843	1476.92	
Base	B420	843	1969.23	843	1969.23	
Base	B420	843	2461.54	843	2461.54	
Base	B420	843	2953.85	843	2953.85	
Base	B420	843	3446.15	843	3446.15	
Base	B420	843	3938.46	843	3938.46	
Base	B420	843	4430.77	843	4430.77	
Base	B420	843	4923.08	843	4923.08	
Base	B420	843	5415.38	843	5415.38	
Base	B420	843	5907.69	843	5907.69	
Base	B420	843	6400	843	6400	
Base	B420	843	0	843	0	
Base	B420	843	492.31	843	492.31	
Base	B420	843	984.62	843	984.62	
Base	B420	843	1476.92	843	1476.92	
Base	B420	843	1969.23	843	1969.23	
Base	B420	843	2461.54	843	2461.54	
Base	B420	843	2953.85	843	2953.85	
Base	B420	843	3446.15	843	3446.15	
Base	B420	843	3938.46	843	3938.46	
Base	B420	843	4430.77	843	4430.77	
Base	B420	843	4923.08	843	4923.08	
Base	B420	843	5415.38	843	5415.38	
Base	B420	843	5907.69	843	5907.69	
Base	B420	843	6400	843	6400	
Base	B422	881	0	881	0	
Base	B422	881	494.78	881	494.78	
Base	B422	881	989.56	881	989.56	
Base	B422	881	1484.34	881	1484.34	
Base	B422	881	1979.13	881	1979.13	
Base	B422	881	2473.91	881	2473.91	
Base	B422	881	2968.69	881	2968.69	
Base	B422	881	3463.47	881	3463.47	
Base	B422	881	3958.25	881	3958.25	
Base	B422	881	4453.03	881	4453.03	
Base	B422	881	4947.82	881	4947.82	
Base	B422	881	5442.6	881	5442.6	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B422	881	5937.38	881	5937.38	
Base	B422	881	6432.16	881	6432.16	
Base	B422	881	0	881	0	
Base	B422	881	494.78	881	494.78	
Base	B422	881	989.56	881	989.56	
Base	B422	881	1484.34	881	1484.34	
Base	B422	881	1979.13	881	1979.13	
Base	B422	881	2473.91	881	2473.91	
Base	B422	881	2968.69	881	2968.69	
Base	B422	881	3463.47	881	3463.47	
Base	B422	881	3958.25	881	3958.25	
Base	B422	881	4453.03	881	4453.03	
Base	B422	881	4947.82	881	4947.82	
Base	B422	881	5442.6	881	5442.6	
Base	B422	881	5937.38	881	5937.38	
Base	B422	881	6432.16	881	6432.16	
Base	B423	882	0	882	0	
Base	B423	882	490	882	490	
Base	B423	882	980	882	980	
Base	B423	882	1470	882	1470	
Base	B423	882	1960	882	1960	
Base	B423	882	2450	882	2450	
Base	B423	882	2940	882	2940	
Base	B423	882	3430	882	3430	
Base	B423	882	3920	882	3920	
Base	B423	882	4410	882	4410	
Base	B423	882	4900	882	4900	
Base	B423	882	0	882	0	
Base	B423	882	490	882	490	
Base	B423	882	980	882	980	
Base	B423	882	1470	882	1470	
Base	B423	882	1960	882	1960	
Base	B423	882	2450	882	2450	
Base	B423	882	2940	882	2940	
Base	B423	882	3430	882	3430	
Base	B423	882	3920	882	3920	
Base	B423	882	4410	882	4410	
Base	B423	882	4900	882	4900	
Base	B424	883	0	883	0	
Base	B424	883	493.84	883	493.84	
Base	B424	883	987.67	883	987.67	
Base	B424	883	1481.51	883	1481.51	
Base	B424	883	1975.34	883	1975.34	
Base	B424	883	2469.18	883	2469.18	
Base	B424	883	2963.02	883	2963.02	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B424	883	3456.85	883	3456.85	
Base	B424	883	3950.69	883	3950.69	
Base	B424	883	4444.52	883	4444.52	
Base	B424	883	4938.36	883	4938.36	
Base	B424	883	5432.19	883	5432.19	
Base	B424	883	0	883	0	
Base	B424	883	493.84	883	493.84	
Base	B424	883	987.67	883	987.67	
Base	B424	883	1481.51	883	1481.51	
Base	B424	883	1975.34	883	1975.34	
Base	B424	883	2469.18	883	2469.18	
Base	B424	883	2963.02	883	2963.02	
Base	B424	883	3456.85	883	3456.85	
Base	B424	883	3950.69	883	3950.69	
Base	B424	883	4444.52	883	4444.52	
Base	B424	883	4938.36	883	4938.36	
Base	B424	883	5432.19	883	5432.19	
Base	B425	900	0	900	0	
Base	B425	900	469.16	900	469.16	
Base	B425	900	938.32	900	938.32	
Base	B425	900	1407.48	900	1407.48	
Base	B425	900	1876.64	900	1876.64	
Base	B425	900	2345.79	900	2345.79	
Base	B425	900	2814.95	900	2814.95	
Base	B425	900	3284.11	900	3284.11	
Base	B425	900	3753.27	900	3753.27	
Base	B425	900	4222.43	900	4222.43	
Base	B425	900	4691.59	900	4691.59	
Base	B425	900	5160.75	900	5160.75	
Base	B425	900	5629.91	900	5629.91	
Base	B425	900	6099.06	900	6099.06	
Base	B425	900	6568.22	900	6568.22	
Base	B425	900	0	900	0	
Base	B425	900	469.16	900	469.16	
Base	B425	900	938.32	900	938.32	
Base	B425	900	1407.48	900	1407.48	
Base	B425	900	1876.64	900	1876.64	
Base	B425	900	2345.79	900	2345.79	
Base	B425	900	2814.95	900	2814.95	
Base	B425	900	3284.11	900	3284.11	
Base	B425	900	3753.27	900	3753.27	
Base	B425	900	4222.43	900	4222.43	
Base	B425	900	4691.59	900	4691.59	
Base	B425	900	5160.75	900	5160.75	
Base	B425	900	5629.91	900	5629.91	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B425	900	6099.06	900	6099.06	
Base	B425	900	6568.22	900	6568.22	
Base	B426	901	0	901	0	
Base	B426	901	490	901	490	
Base	B426	901	980	901	980	
Base	B426	901	1470	901	1470	
Base	B426	901	1960	901	1960	
Base	B426	901	2450	901	2450	
Base	B426	901	2940	901	2940	
Base	B426	901	3430	901	3430	
Base	B426	901	3920	901	3920	
Base	B426	901	4410	901	4410	
Base	B426	901	4900	901	4900	
Base	B426	901	0	901	0	
Base	B426	901	490	901	490	
Base	B426	901	980	901	980	
Base	B426	901	1470	901	1470	
Base	B426	901	1960	901	1960	
Base	B426	901	2450	901	2450	
Base	B426	901	2940	901	2940	
Base	B426	901	3430	901	3430	
Base	B426	901	3920	901	3920	
Base	B426	901	4410	901	4410	
Base	B426	901	4900	901	4900	
Base	B427	902	0	902	0	
Base	B427	902	499.77	902	499.77	
Base	B427	902	999.53	902	999.53	
Base	B427	902	1499.3	902	1499.3	
Base	B427	902	1999.06	902	1999.06	
Base	B427	902	2498.83	902	2498.83	
Base	B427	902	2998.59	902	2998.59	
Base	B427	902	3498.36	902	3498.36	
Base	B427	902	3998.12	902	3998.12	
Base	B427	902	4497.89	902	4497.89	
Base	B427	902	4997.65	902	4997.65	
Base	B427	902	5497.42	902	5497.42	
Base	B427	902	0	902	0	
Base	B427	902	499.77	902	499.77	
Base	B427	902	999.53	902	999.53	
Base	B427	902	1499.3	902	1499.3	
Base	B427	902	1999.06	902	1999.06	
Base	B427	902	2498.83	902	2498.83	
Base	B427	902	2998.59	902	2998.59	
Base	B427	902	3498.36	902	3498.36	
Base	B427	902	3998.12	902	3998.12	

Table 3.3 - Element Forces - Beams (Part 2 of 2, continued)

Story	Beam	Unique Name	Station mm	Element	Elem Station mm	Location
Base	B427	902	4497.89	902	4497.89	
Base	B427	902	4997.65	902	4997.65	
Base	B427	902	5497.42	902	5497.42	

4 Figures

This chapter includes the selected custom views of the model.

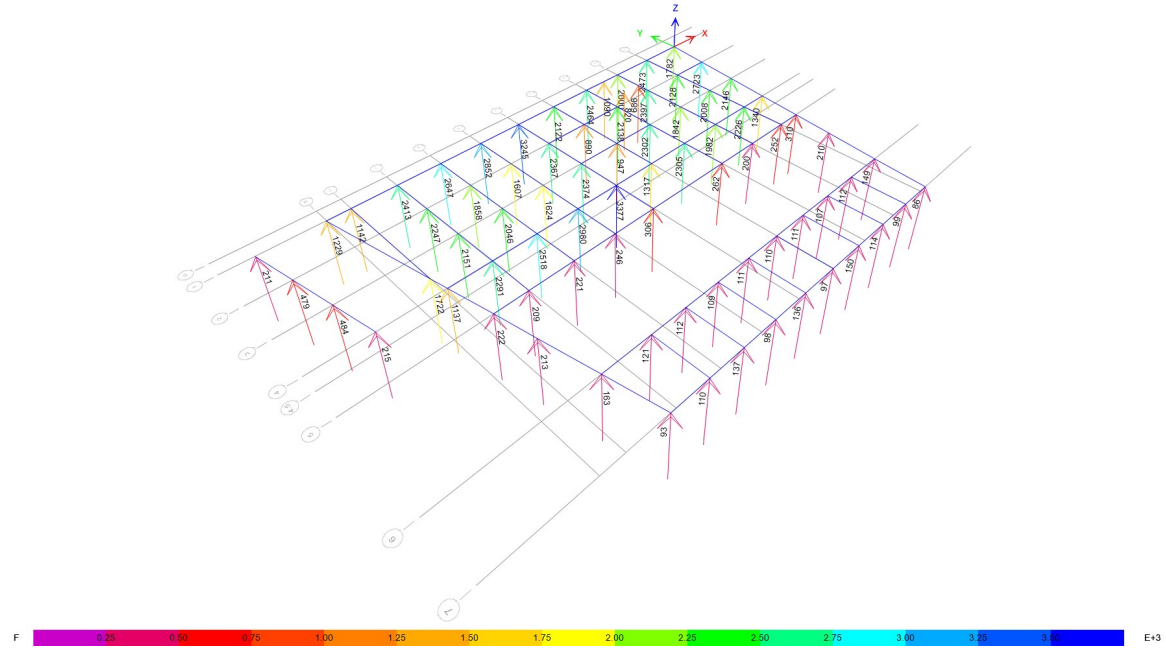


Figure 4-1-Pile reactions Z (max of GEO ENVE) Forces in kN

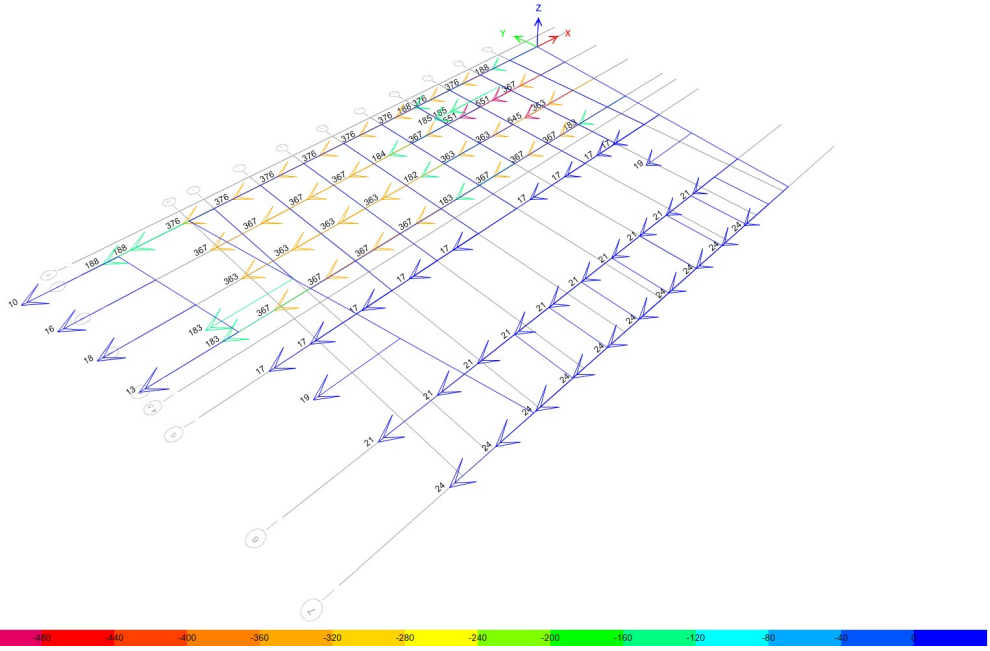


Figure 4-2-Pile reactions X (max of GEO ENVE) Forces in kN

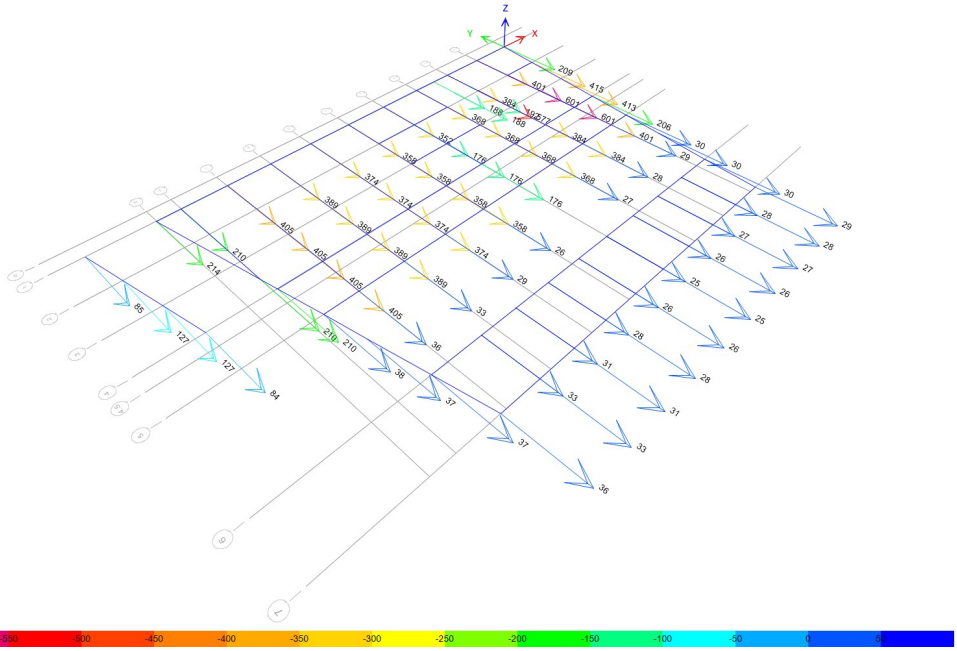


Figure 4-3-Pile reactions Y (max of GEO ENVE) Forces in kN

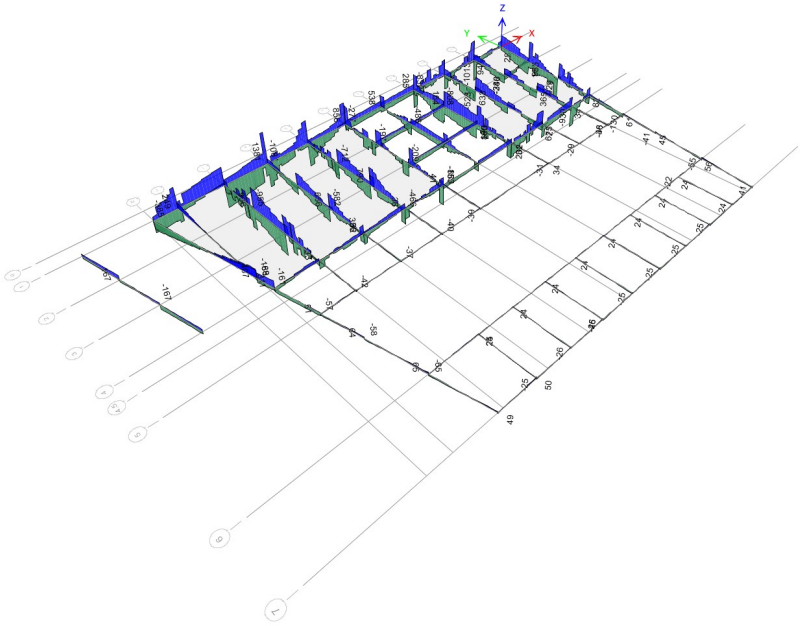


Figure 4-4-Foundation Beam Shear Forces in kN

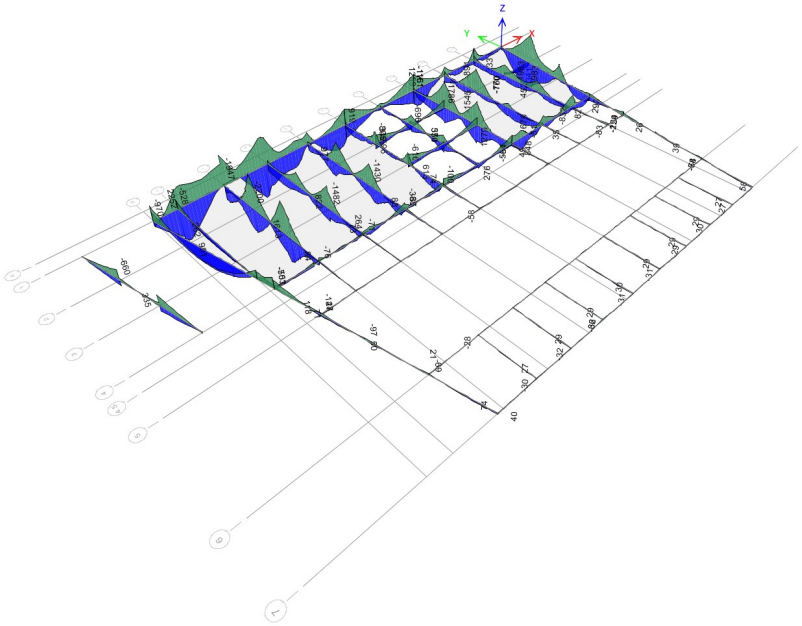


Figure 4-5-Foundation Beam Moment Moments in kN-m

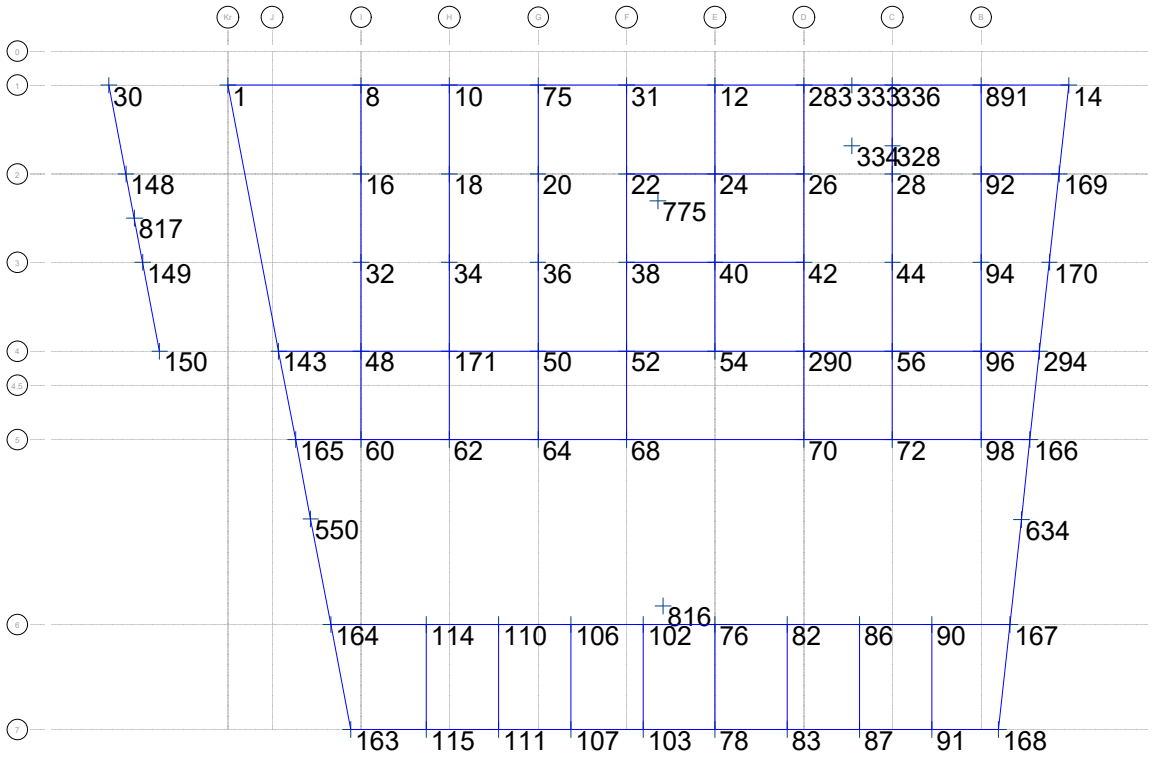


Figure 4-6-Base Joint Numbering (Unique Names)

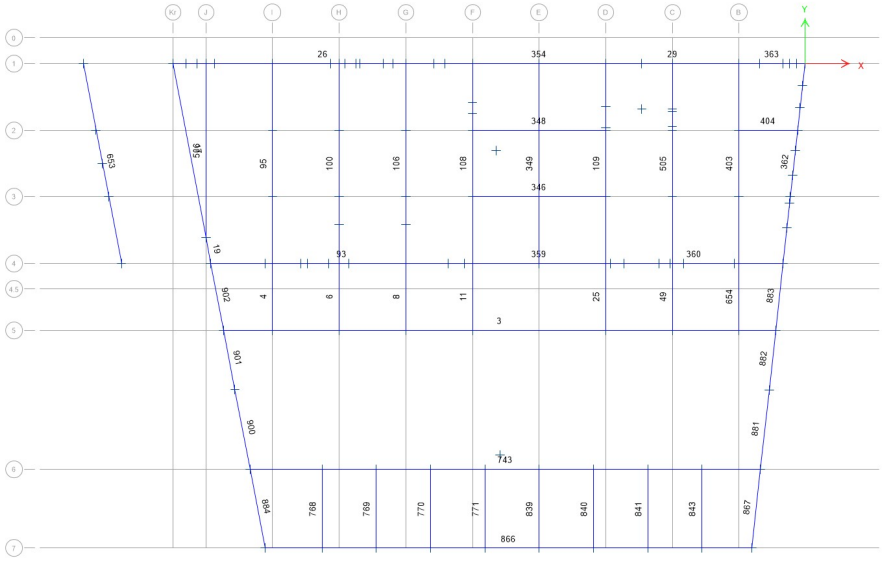


Figure 4-7-Beam Labels (Unique Names)

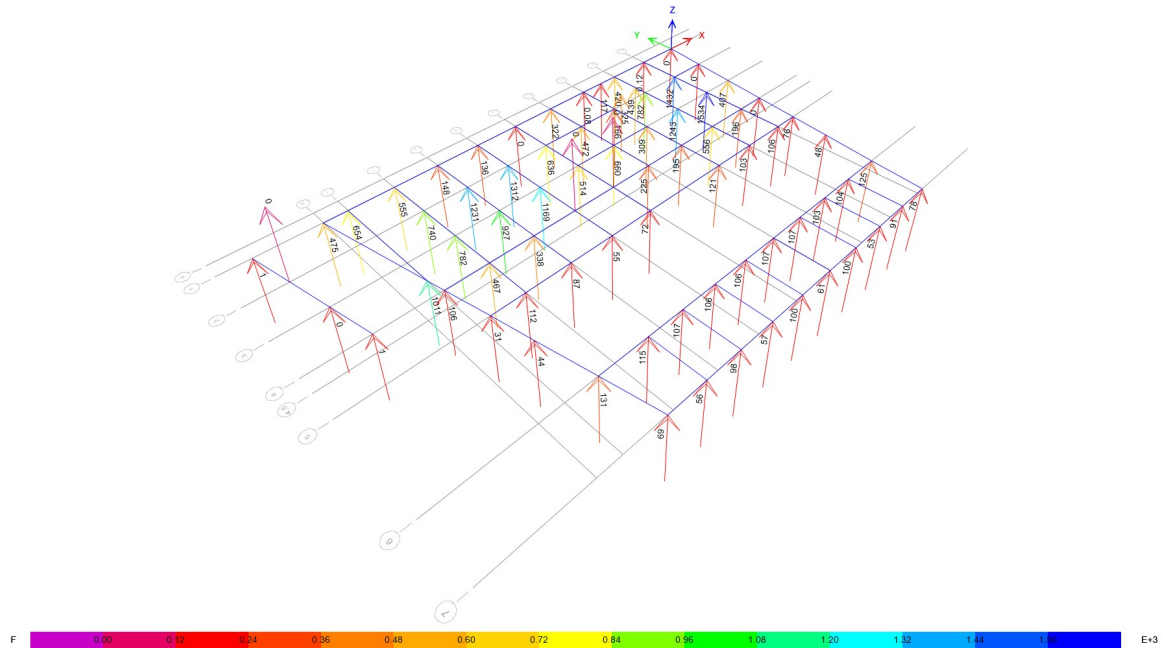


Figure 4-8-Pile reactions Z (min of GEO ENVE)

Forces in kN

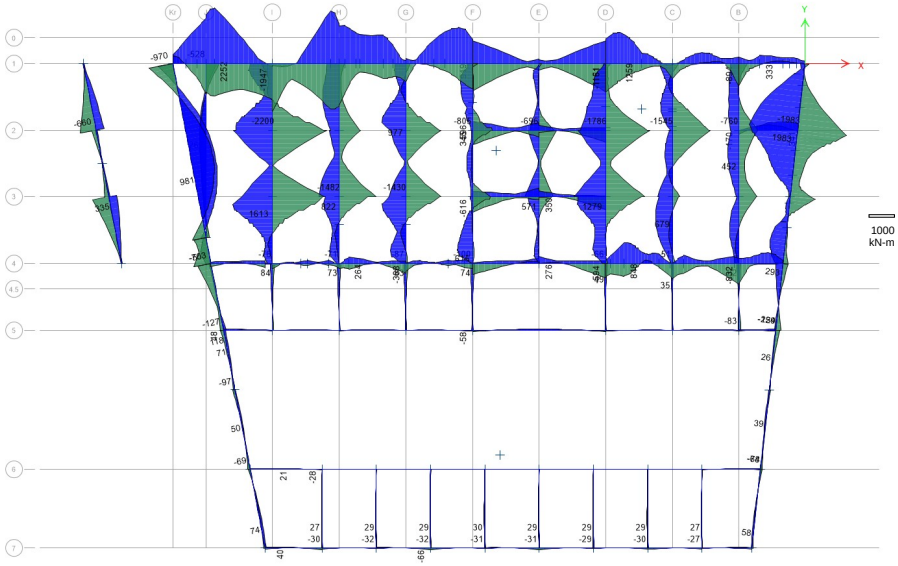


Figure 4-9-Foundation Beam Moment (plan view of M33, GEO ENVE)

Moments in kN-m

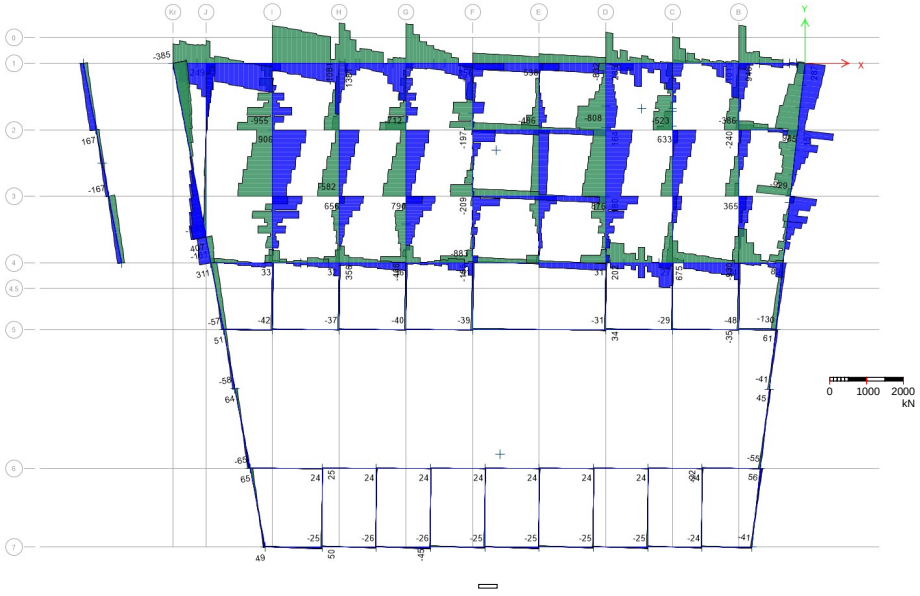


Figure 4-10-Foundation Beam Shear (plan view of V22, GEO ENVE) Forces in kN

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	1	1	GEO_Eqn_6.12b_nls01	-188	-73	552
Base	1	1	GEO_Eqn_6.12b_nls02	-188	-24	514
Base	1	1	GEO_Eqn_6.12b_nls03	186	-36	1229
Base	1	1	GEO_Eqn_6.12b_nls04	186	63	1146
Base	1	1	GEO_Eqn_6.12b_nls05	-178	-44	553
Base	1	1	GEO_Eqn_6.12b_nls06	-178	53	475
Base	1	1	GEO_Eqn_6.12b_nls07	177	-64	1228
Base	1	1	GEO_Eqn_6.12b_nls08	177	34	1146
Base	1	1	GEO_Eqn_6.12b_nls09	-44	-135	917
Base	1	1	GEO_Eqn_6.12b_nls10	65	-131	1129
Base	1	1	GEO_Eqn_6.12b_nls11	-67	125	652
Base	1	1	GEO_Eqn_6.12b_nls12	43	128	845
Base	1	1	GEO_Eqn_6.12b_nls13	-69	-214	914
Base	1	1	GEO_Eqn_6.12b_nls14	40	-210	1135
Base	1	1	GEO_Eqn_6.12b_nls15	-41	207	651
Base	1	1	GEO_Eqn_6.12b_nls16	68	210	836
Base	5	8	GEO_Eqn_6.12b_nls01	-375	-134	1226
Base	5	8	GEO_Eqn_6.12b_nls02	-376	-35	1021
Base	5	8	GEO_Eqn_6.12b_nls03	372	-82	1931
Base	5	8	GEO_Eqn_6.12b_nls04	372	118	1487
Base	5	8	GEO_Eqn_6.12b_nls05	-357	-94	1188
Base	5	8	GEO_Eqn_6.12b_nls06	-357	105	769
Base	5	8	GEO_Eqn_6.12b_nls07	353	-121	1980
Base	5	8	GEO_Eqn_6.12b_nls08	353	77	1540
Base	5	8	GEO_Eqn_6.12b_nls09	-88	-292	2008
Base	5	8	GEO_Eqn_6.12b_nls10	131	-286	2259
Base	5	8	GEO_Eqn_6.12b_nls11	-133	277	669
Base	5	8	GEO_Eqn_6.12b_nls12	86	281	865
Base	5	8	GEO_Eqn_6.12b_nls13	-139	-405	2137
Base	5	8	GEO_Eqn_6.12b_nls14	80	-399	2413
Base	5	8	GEO_Eqn_6.12b_nls15	-82	394	555
Base	5	8	GEO_Eqn_6.12b_nls16	137	398	700
Base	6	10	GEO_Eqn_6.12b_nls01	-375	-126	995
Base	6	10	GEO_Eqn_6.12b_nls02	-376	-26	697
Base	6	10	GEO_Eqn_6.12b_nls03	372	-89	2587
Base	6	10	GEO_Eqn_6.12b_nls04	372	112	2028
Base	6	10	GEO_Eqn_6.12b_nls05	-357	-97	984
Base	6	10	GEO_Eqn_6.12b_nls06	-357	103	379
Base	6	10	GEO_Eqn_6.12b_nls07	353	-117	2561
Base	6	10	GEO_Eqn_6.12b_nls08	353	83	2009
Base	6	10	GEO_Eqn_6.12b_nls09	-88	-307	2172
Base	6	10	GEO_Eqn_6.12b_nls10	131	-303	2647
Base	6	10	GEO_Eqn_6.12b_nls11	-133	295	212
Base	6	10	GEO_Eqn_6.12b_nls12	86	298	687
Base	6	10	GEO_Eqn_6.12b_nls13	-139	-389	2186

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	6	10	GEO_Eqn_6.12b_nls14	80	-385	2608
Base	6	10	GEO_Eqn_6.12b_nls15	-82	380	148
Base	6	10	GEO_Eqn_6.12b_nls16	137	383	649
Base	7	12	GEO_Eqn_6.12b_nls01	-375	-102	1418
Base	7	12	GEO_Eqn_6.12b_nls02	-376	1	1164
Base	7	12	GEO_Eqn_6.12b_nls03	372	-109	1555
Base	7	12	GEO_Eqn_6.12b_nls04	372	97	1028
Base	7	12	GEO_Eqn_6.12b_nls05	-357	-107	1416
Base	7	12	GEO_Eqn_6.12b_nls06	-357	99	897
Base	7	12	GEO_Eqn_6.12b_nls07	353	-104	1552
Base	7	12	GEO_Eqn_6.12b_nls08	353	101	1030
Base	7	12	GEO_Eqn_6.12b_nls09	-88	-352	2059
Base	7	12	GEO_Eqn_6.12b_nls10	131	-352	2116
Base	7	12	GEO_Eqn_6.12b_nls11	-133	348	342
Base	7	12	GEO_Eqn_6.12b_nls12	86	347	378
Base	7	12	GEO_Eqn_6.12b_nls13	-139	-343	2069
Base	7	12	GEO_Eqn_6.12b_nls14	80	-342	2122
Base	7	12	GEO_Eqn_6.12b_nls15	-82	339	322
Base	7	12	GEO_Eqn_6.12b_nls16	137	337	330
Base	8	14	GEO_Eqn_6.12b_nls01	-188	-35	1782
Base	8	14	GEO_Eqn_6.12b_nls02	-188	18	1665
Base	8	14	GEO_Eqn_6.12b_nls03	186	-67	0.06711
Base	8	14	GEO_Eqn_6.12b_nls04	186	38	0.07427
Base	8	14	GEO_Eqn_6.12b_nls05	-178	-60	1765
Base	8	14	GEO_Eqn_6.12b_nls06	-178	47	1539
Base	8	14	GEO_Eqn_6.12b_nls07	177	-43	0.05959
Base	8	14	GEO_Eqn_6.12b_nls08	177	62	0.06645
Base	8	14	GEO_Eqn_6.12b_nls09	-44	-206	1265
Base	8	14	GEO_Eqn_6.12b_nls10	65	-209	649
Base	8	14	GEO_Eqn_6.12b_nls11	-67	209	554
Base	8	14	GEO_Eqn_6.12b_nls12	43	206	0
Base	8	14	GEO_Eqn_6.12b_nls13	-69	-140	1368
Base	8	14	GEO_Eqn_6.12b_nls14	40	-143	784
Base	8	14	GEO_Eqn_6.12b_nls15	-41	142	543
Base	8	14	GEO_Eqn_6.12b_nls16	68	138	0
Base	9	16	GEO_Eqn_6.12b_nls01	-367	-134	830
Base	9	16	GEO_Eqn_6.12b_nls02	-367	-35	984
Base	9	16	GEO_Eqn_6.12b_nls03	365	-82	1779
Base	9	16	GEO_Eqn_6.12b_nls04	366	118	2068
Base	9	16	GEO_Eqn_6.12b_nls05	-360	-94	911
Base	9	16	GEO_Eqn_6.12b_nls06	-358	105	1224
Base	9	16	GEO_Eqn_6.12b_nls07	358	-121	1702
Base	9	16	GEO_Eqn_6.12b_nls08	359	77	1986
Base	9	16	GEO_Eqn_6.12b_nls09	-103	-292	999
Base	9	16	GEO_Eqn_6.12b_nls10	114	-286	1250

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	9	16	GEO_Eqn_6.12b_nls11	-115	277	1816
Base	9	16	GEO_Eqn_6.12b_nls12	102	281	2046
Base	9	16	GEO_Eqn_6.12b_nls13	-123	-405	740
Base	9	16	GEO_Eqn_6.12b_nls14	94	-399	1013
Base	9	16	GEO_Eqn_6.12b_nls15	-96	394	2049
Base	9	16	GEO_Eqn_6.12b_nls16	122	398	2247
Base	10	18	GEO_Eqn_6.12b_nls01	-367	-126	1518
Base	10	18	GEO_Eqn_6.12b_nls02	-367	-26	1433
Base	10	18	GEO_Eqn_6.12b_nls03	365	-89	1758
Base	10	18	GEO_Eqn_6.12b_nls04	366	112	1594
Base	10	18	GEO_Eqn_6.12b_nls05	-360	-97	1514
Base	10	18	GEO_Eqn_6.12b_nls06	-358	103	1356
Base	10	18	GEO_Eqn_6.12b_nls07	358	-117	1761
Base	10	18	GEO_Eqn_6.12b_nls08	359	83	1590
Base	10	18	GEO_Eqn_6.12b_nls09	-103	-307	1771
Base	10	18	GEO_Eqn_6.12b_nls10	114	-303	1848
Base	10	18	GEO_Eqn_6.12b_nls11	-115	295	1235
Base	10	18	GEO_Eqn_6.12b_nls12	102	298	1300
Base	10	18	GEO_Eqn_6.12b_nls13	-123	-389	1784
Base	10	18	GEO_Eqn_6.12b_nls14	94	-385	1858
Base	10	18	GEO_Eqn_6.12b_nls15	-96	380	1231
Base	10	18	GEO_Eqn_6.12b_nls16	122	383	1288
Base	11	20	GEO_Eqn_6.12b_nls01	-367	-118	1355
Base	11	20	GEO_Eqn_6.12b_nls02	-367	-17	1372
Base	11	20	GEO_Eqn_6.12b_nls03	365	-96	1554
Base	11	20	GEO_Eqn_6.12b_nls04	366	107	1607
Base	11	20	GEO_Eqn_6.12b_nls05	-360	-100	1376
Base	11	20	GEO_Eqn_6.12b_nls06	-358	102	1417
Base	11	20	GEO_Eqn_6.12b_nls07	358	-113	1520
Base	11	20	GEO_Eqn_6.12b_nls08	359	89	1569
Base	11	20	GEO_Eqn_6.12b_nls09	-103	-322	1404
Base	11	20	GEO_Eqn_6.12b_nls10	114	-319	1426
Base	11	20	GEO_Eqn_6.12b_nls11	-115	312	1499
Base	11	20	GEO_Eqn_6.12b_nls12	102	314	1538
Base	11	20	GEO_Eqn_6.12b_nls13	-123	-374	1317
Base	11	20	GEO_Eqn_6.12b_nls14	94	-371	1312
Base	11	20	GEO_Eqn_6.12b_nls15	-96	366	1558
Base	11	20	GEO_Eqn_6.12b_nls16	122	368	1592
Base	12	22	GEO_Eqn_6.12b_nls01	-367	-110	2367
Base	12	22	GEO_Eqn_6.12b_nls02	-367	-8	2240
Base	12	22	GEO_Eqn_6.12b_nls03	365	-102	904
Base	12	22	GEO_Eqn_6.12b_nls04	366	102	636
Base	12	22	GEO_Eqn_6.12b_nls05	-360	-104	2333
Base	12	22	GEO_Eqn_6.12b_nls06	-358	100	2078
Base	12	22	GEO_Eqn_6.12b_nls07	358	-109	943

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	12	22	GEO_Eqn_6.12b_nls08	359	95	679
Base	12	22	GEO_Eqn_6.12b_nls09	-103	-337	2107
Base	12	22	GEO_Eqn_6.12b_nls10	114	-335	1642
Base	12	22	GEO_Eqn_6.12b_nls11	-115	330	1345
Base	12	22	GEO_Eqn_6.12b_nls12	102	330	906
Base	12	22	GEO_Eqn_6.12b_nls13	-123	-358	2194
Base	12	22	GEO_Eqn_6.12b_nls14	94	-356	1714
Base	12	22	GEO_Eqn_6.12b_nls15	-96	352	1252
Base	12	22	GEO_Eqn_6.12b_nls16	122	352	763
Base	13	24	GEO_Eqn_6.12b_nls01	-184	-51	622
Base	13	24	GEO_Eqn_6.12b_nls02	-183	0.2637	680
Base	13	24	GEO_Eqn_6.12b_nls03	182	-54	643
Base	13	24	GEO_Eqn_6.12b_nls04	183	48	764
Base	13	24	GEO_Eqn_6.12b_nls05	-180	-53	624
Base	13	24	GEO_Eqn_6.12b_nls06	-179	49	738
Base	13	24	GEO_Eqn_6.12b_nls07	179	-52	642
Base	13	24	GEO_Eqn_6.12b_nls08	180	50	763
Base	13	24	GEO_Eqn_6.12b_nls09	-52	-176	488
Base	13	24	GEO_Eqn_6.12b_nls10	57	-176	485
Base	13	24	GEO_Eqn_6.12b_nls11	-58	174	873
Base	13	24	GEO_Eqn_6.12b_nls12	51	173	884
Base	13	24	GEO_Eqn_6.12b_nls13	-62	-171	482
Base	13	24	GEO_Eqn_6.12b_nls14	47	-171	472
Base	13	24	GEO_Eqn_6.12b_nls15	-48	169	882
Base	13	24	GEO_Eqn_6.12b_nls16	61	169	890
Base	14	26	GEO_Eqn_6.12b_nls01	-367	-94	166
Base	14	26	GEO_Eqn_6.12b_nls02	-367	10	339
Base	14	26	GEO_Eqn_6.12b_nls03	365	-115	1786
Base	14	26	GEO_Eqn_6.12b_nls04	366	91	2138
Base	14	26	GEO_Eqn_6.12b_nls05	-360	-110	209
Base	14	26	GEO_Eqn_6.12b_nls06	-358	97	541
Base	14	26	GEO_Eqn_6.12b_nls07	358	-100	1737
Base	14	26	GEO_Eqn_6.12b_nls08	359	107	2090
Base	14	26	GEO_Eqn_6.12b_nls09	-103	-367	403
Base	14	26	GEO_Eqn_6.12b_nls10	114	-368	865
Base	14	26	GEO_Eqn_6.12b_nls11	-115	365	1390
Base	14	26	GEO_Eqn_6.12b_nls12	102	363	1889
Base	14	26	GEO_Eqn_6.12b_nls13	-123	-327	287
Base	14	26	GEO_Eqn_6.12b_nls14	94	-328	730
Base	14	26	GEO_Eqn_6.12b_nls15	-96	325	1514
Base	14	26	GEO_Eqn_6.12b_nls16	122	322	2048
Base	15	28	GEO_Eqn_6.12b_nls01	-551	-130	1549
Base	15	28	GEO_Eqn_6.12b_nls02	-550	28	1752
Base	15	28	GEO_Eqn_6.12b_nls03	547	-183	1182
Base	15	28	GEO_Eqn_6.12b_nls04	550	129	1558

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	15	28	GEO_Eqn_6.12b_nls05	-540	-170	1511
Base	15	28	GEO_Eqn_6.12b_nls06	-537	144	1920
Base	15	28	GEO_Eqn_6.12b_nls07	536	-143	1258
Base	15	28	GEO_Eqn_6.12b_nls08	539	169	1640
Base	15	28	GEO_Eqn_6.12b_nls09	-155	-573	887
Base	15	28	GEO_Eqn_6.12b_nls10	171	-577	782
Base	15	28	GEO_Eqn_6.12b_nls11	-173	575	2397
Base	15	28	GEO_Eqn_6.12b_nls12	153	570	2307
Base	15	28	GEO_Eqn_6.12b_nls13	-185	-467	1052
Base	15	28	GEO_Eqn_6.12b_nls14	141	-471	961
Base	15	28	GEO_Eqn_6.12b_nls15	-143	466	2306
Base	15	28	GEO_Eqn_6.12b_nls16	182	461	2222
Base	17	32	GEO_Eqn_6.12b_nls01	-360	-134	1256
Base	17	32	GEO_Eqn_6.12b_nls02	-358	-35	1120
Base	17	32	GEO_Eqn_6.12b_nls03	358	-82	1894
Base	17	32	GEO_Eqn_6.12b_nls04	361	118	1625
Base	17	32	GEO_Eqn_6.12b_nls05	-363	-94	1189
Base	17	32	GEO_Eqn_6.12b_nls06	-360	105	936
Base	17	32	GEO_Eqn_6.12b_nls07	362	-121	1975
Base	17	32	GEO_Eqn_6.12b_nls08	365	77	1697
Base	17	32	GEO_Eqn_6.12b_nls09	-118	-292	1693
Base	17	32	GEO_Eqn_6.12b_nls10	98	-286	1912
Base	17	32	GEO_Eqn_6.12b_nls11	-98	277	946
Base	17	32	GEO_Eqn_6.12b_nls12	119	281	1156
Base	17	32	GEO_Eqn_6.12b_nls13	-108	-405	1904
Base	17	32	GEO_Eqn_6.12b_nls14	108	-399	2151
Base	17	32	GEO_Eqn_6.12b_nls15	-109	394	782
Base	17	32	GEO_Eqn_6.12b_nls16	106	398	959
Base	18	34	GEO_Eqn_6.12b_nls01	-360	-126	2046
Base	18	34	GEO_Eqn_6.12b_nls02	-358	-26	1936
Base	18	34	GEO_Eqn_6.12b_nls03	358	-89	1414
Base	18	34	GEO_Eqn_6.12b_nls04	361	112	1135
Base	18	34	GEO_Eqn_6.12b_nls05	-363	-97	2037
Base	18	34	GEO_Eqn_6.12b_nls06	-360	103	1813
Base	18	34	GEO_Eqn_6.12b_nls07	362	-117	1448
Base	18	34	GEO_Eqn_6.12b_nls08	365	83	1171
Base	18	34	GEO_Eqn_6.12b_nls09	-118	-307	1988
Base	18	34	GEO_Eqn_6.12b_nls10	98	-303	1825
Base	18	34	GEO_Eqn_6.12b_nls11	-98	295	1231
Base	18	34	GEO_Eqn_6.12b_nls12	119	298	1022
Base	18	34	GEO_Eqn_6.12b_nls13	-108	-389	2032
Base	18	34	GEO_Eqn_6.12b_nls14	108	-385	1916
Base	18	34	GEO_Eqn_6.12b_nls15	-109	380	1205
Base	18	34	GEO_Eqn_6.12b_nls16	106	383	927
Base	19	36	GEO_Eqn_6.12b_nls01	-360	-118	1214

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	19	36	GEO_Eqn_6.12b_nls02	-358	-17	1227
Base	19	36	GEO_Eqn_6.12b_nls03	358	-96	1443
Base	19	36	GEO_Eqn_6.12b_nls04	361	107	1524
Base	19	36	GEO_Eqn_6.12b_nls05	-363	-100	1169
Base	19	36	GEO_Eqn_6.12b_nls06	-360	102	1205
Base	19	36	GEO_Eqn_6.12b_nls07	362	-113	1471
Base	19	36	GEO_Eqn_6.12b_nls08	365	89	1546
Base	19	36	GEO_Eqn_6.12b_nls09	-118	-322	1312
Base	19	36	GEO_Eqn_6.12b_nls10	98	-319	1326
Base	19	36	GEO_Eqn_6.12b_nls11	-98	312	1526
Base	19	36	GEO_Eqn_6.12b_nls12	119	314	1624
Base	19	36	GEO_Eqn_6.12b_nls13	-108	-374	1407
Base	19	36	GEO_Eqn_6.12b_nls14	108	-371	1348
Base	19	36	GEO_Eqn_6.12b_nls15	-109	366	1417
Base	19	36	GEO_Eqn_6.12b_nls16	106	368	1557
Base	20	38	GEO_Eqn_6.12b_nls01	-360	-110	1990
Base	20	38	GEO_Eqn_6.12b_nls02	-358	-8	2172
Base	20	38	GEO_Eqn_6.12b_nls03	358	-102	663
Base	20	38	GEO_Eqn_6.12b_nls04	361	102	1031
Base	20	38	GEO_Eqn_6.12b_nls05	-363	-104	2004
Base	20	38	GEO_Eqn_6.12b_nls06	-360	100	2371
Base	20	38	GEO_Eqn_6.12b_nls07	362	-109	652
Base	20	38	GEO_Eqn_6.12b_nls08	365	95	1019
Base	20	38	GEO_Eqn_6.12b_nls09	-118	-337	1120
Base	20	38	GEO_Eqn_6.12b_nls10	98	-335	631
Base	20	38	GEO_Eqn_6.12b_nls11	-98	330	2323
Base	20	38	GEO_Eqn_6.12b_nls12	119	330	1919
Base	20	38	GEO_Eqn_6.12b_nls13	-108	-358	1038
Base	20	38	GEO_Eqn_6.12b_nls14	108	-356	514
Base	20	38	GEO_Eqn_6.12b_nls15	-109	352	2374
Base	20	38	GEO_Eqn_6.12b_nls16	106	352	1955
Base	21	40	GEO_Eqn_6.12b_nls01	-180	-51	855
Base	21	40	GEO_Eqn_6.12b_nls02	-179	0.2637	815
Base	21	40	GEO_Eqn_6.12b_nls03	179	-54	862
Base	21	40	GEO_Eqn_6.12b_nls04	181	48	775
Base	21	40	GEO_Eqn_6.12b_nls05	-182	-53	853
Base	21	40	GEO_Eqn_6.12b_nls06	-180	49	773
Base	21	40	GEO_Eqn_6.12b_nls07	181	-52	864
Base	21	40	GEO_Eqn_6.12b_nls08	183	50	778
Base	21	40	GEO_Eqn_6.12b_nls09	-59	-176	946
Base	21	40	GEO_Eqn_6.12b_nls10	49	-176	944
Base	21	40	GEO_Eqn_6.12b_nls11	-49	174	678
Base	21	40	GEO_Eqn_6.12b_nls12	59	173	673
Base	21	40	GEO_Eqn_6.12b_nls13	-54	-171	947
Base	21	40	GEO_Eqn_6.12b_nls14	54	-171	944

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	21	40	GEO_Eqn_6.12b_nls15	-55	169	670
Base	21	40	GEO_Eqn_6.12b_nls16	53	169	660
Base	22	42	GEO_Eqn_6.12b_nls01	-360	-94	660
Base	22	42	GEO_Eqn_6.12b_nls02	-358	10	509
Base	22	42	GEO_Eqn_6.12b_nls03	358	-115	2270
Base	22	42	GEO_Eqn_6.12b_nls04	361	91	1981
Base	22	42	GEO_Eqn_6.12b_nls05	-363	-110	618
Base	22	42	GEO_Eqn_6.12b_nls06	-360	97	309
Base	22	42	GEO_Eqn_6.12b_nls07	362	-100	2302
Base	22	42	GEO_Eqn_6.12b_nls08	365	107	2013
Base	22	42	GEO_Eqn_6.12b_nls09	-118	-367	1529
Base	22	42	GEO_Eqn_6.12b_nls10	98	-368	2045
Base	22	42	GEO_Eqn_6.12b_nls11	-98	365	612
Base	22	42	GEO_Eqn_6.12b_nls12	119	363	1097
Base	22	42	GEO_Eqn_6.12b_nls13	-108	-327	1651
Base	22	42	GEO_Eqn_6.12b_nls14	108	-328	2162
Base	22	42	GEO_Eqn_6.12b_nls15	-109	325	479
Base	22	42	GEO_Eqn_6.12b_nls16	106	322	986
Base	23	44	GEO_Eqn_6.12b_nls01	-360	-86	1418
Base	23	44	GEO_Eqn_6.12b_nls02	-358	18	1492
Base	23	44	GEO_Eqn_6.12b_nls03	358	-122	1499
Base	23	44	GEO_Eqn_6.12b_nls04	361	86	1653
Base	23	44	GEO_Eqn_6.12b_nls05	-363	-113	1394
Base	23	44	GEO_Eqn_6.12b_nls06	-360	96	1542
Base	23	44	GEO_Eqn_6.12b_nls07	362	-96	1529
Base	23	44	GEO_Eqn_6.12b_nls08	365	113	1684
Base	23	44	GEO_Eqn_6.12b_nls09	-118	-382	1243
Base	23	44	GEO_Eqn_6.12b_nls10	98	-384	1270
Base	23	44	GEO_Eqn_6.12b_nls11	-98	383	1807
Base	23	44	GEO_Eqn_6.12b_nls12	119	380	1842
Base	23	44	GEO_Eqn_6.12b_nls13	-108	-312	1324
Base	23	44	GEO_Eqn_6.12b_nls14	108	-314	1353
Base	23	44	GEO_Eqn_6.12b_nls15	-109	311	1742
Base	23	44	GEO_Eqn_6.12b_nls16	106	307	1783
Base	25	48	GEO_Eqn_6.12b_nls01	-352	-134	761
Base	25	48	GEO_Eqn_6.12b_nls02	-349	-35	961
Base	25	48	GEO_Eqn_6.12b_nls03	352	-82	1805
Base	25	48	GEO_Eqn_6.12b_nls04	356	118	2213
Base	25	48	GEO_Eqn_6.12b_nls05	-367	-94	812
Base	25	48	GEO_Eqn_6.12b_nls06	-361	105	1207
Base	25	48	GEO_Eqn_6.12b_nls07	366	-121	1757
Base	25	48	GEO_Eqn_6.12b_nls08	371	77	2165
Base	25	48	GEO_Eqn_6.12b_nls09	-133	-292	638
Base	25	48	GEO_Eqn_6.12b_nls10	81	-286	905
Base	25	48	GEO_Eqn_6.12b_nls11	-80	277	1861

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	25	48	GEO_Eqn_6.12b_nls12	135	281	2164
Base	25	48	GEO_Eqn_6.12b_nls13	-92	-405	467
Base	25	48	GEO_Eqn_6.12b_nls14	123	-399	754
Base	25	48	GEO_Eqn_6.12b_nls15	-123	394	1992
Base	25	48	GEO_Eqn_6.12b_nls16	91	398	2291
Base	26	50	GEO_Eqn_6.12b_nls01	-352	-118	729
Base	26	50	GEO_Eqn_6.12b_nls02	-349	-17	1124
Base	26	50	GEO_Eqn_6.12b_nls03	352	-96	1137
Base	26	50	GEO_Eqn_6.12b_nls04	356	107	2006
Base	26	50	GEO_Eqn_6.12b_nls05	-367	-100	746
Base	26	50	GEO_Eqn_6.12b_nls06	-361	102	1543
Base	26	50	GEO_Eqn_6.12b_nls07	366	-113	1098
Base	26	50	GEO_Eqn_6.12b_nls08	371	89	1962
Base	26	50	GEO_Eqn_6.12b_nls09	-133	-322	42
Base	26	50	GEO_Eqn_6.12b_nls10	81	-319	41
Base	26	50	GEO_Eqn_6.12b_nls11	-80	312	2698
Base	26	50	GEO_Eqn_6.12b_nls12	135	314	2843
Base	26	50	GEO_Eqn_6.12b_nls13	-92	-374	0
Base	26	50	GEO_Eqn_6.12b_nls14	123	-371	0
Base	26	50	GEO_Eqn_6.12b_nls15	-123	366	2762
Base	26	50	GEO_Eqn_6.12b_nls16	91	368	2980
Base	27	52	GEO_Eqn_6.12b_nls01	-352	-110	1529
Base	27	52	GEO_Eqn_6.12b_nls02	-349	-8	2019
Base	27	52	GEO_Eqn_6.12b_nls03	352	-102	263
Base	27	52	GEO_Eqn_6.12b_nls04	356	102	1267
Base	27	52	GEO_Eqn_6.12b_nls05	-367	-104	1587
Base	27	52	GEO_Eqn_6.12b_nls06	-361	100	2572
Base	27	52	GEO_Eqn_6.12b_nls07	366	-109	206
Base	27	52	GEO_Eqn_6.12b_nls08	371	95	1206
Base	27	52	GEO_Eqn_6.12b_nls09	-133	-337	17
Base	27	52	GEO_Eqn_6.12b_nls10	81	-335	0
Base	27	52	GEO_Eqn_6.12b_nls11	-80	330	3195
Base	27	52	GEO_Eqn_6.12b_nls12	135	330	2807
Base	27	52	GEO_Eqn_6.12b_nls13	-92	-358	0
Base	27	52	GEO_Eqn_6.12b_nls14	123	-356	0
Base	27	52	GEO_Eqn_6.12b_nls15	-123	352	3377
Base	27	52	GEO_Eqn_6.12b_nls16	91	352	3007
Base	28	54	GEO_Eqn_6.12b_nls01	-176	-51	652
Base	28	54	GEO_Eqn_6.12b_nls02	-174	0.2637	806
Base	28	54	GEO_Eqn_6.12b_nls03	176	-54	627
Base	28	54	GEO_Eqn_6.12b_nls04	178	48	941
Base	28	54	GEO_Eqn_6.12b_nls05	-183	-53	653
Base	28	54	GEO_Eqn_6.12b_nls06	-181	49	963
Base	28	54	GEO_Eqn_6.12b_nls07	183	-52	629
Base	28	54	GEO_Eqn_6.12b_nls08	185	50	940

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	28	54	GEO_Eqn_6.12b_nls09	-67	-176	275
Base	28	54	GEO_Eqn_6.12b_nls10	41	-176	244
Base	28	54	GEO_Eqn_6.12b_nls11	-40	174	1305
Base	28	54	GEO_Eqn_6.12b_nls12	67	173	1298
Base	28	54	GEO_Eqn_6.12b_nls13	-46	-171	263
Base	28	54	GEO_Eqn_6.12b_nls14	61	-171	225
Base	28	54	GEO_Eqn_6.12b_nls15	-62	169	1317
Base	28	54	GEO_Eqn_6.12b_nls16	46	169	1315
Base	29	56	GEO_Eqn_6.12b_nls01	-352	-86	934
Base	29	56	GEO_Eqn_6.12b_nls02	-349	18	1108
Base	29	56	GEO_Eqn_6.12b_nls03	352	-122	1158
Base	29	56	GEO_Eqn_6.12b_nls04	356	86	1541
Base	29	56	GEO_Eqn_6.12b_nls05	-367	-113	873
Base	29	56	GEO_Eqn_6.12b_nls06	-361	96	1221
Base	29	56	GEO_Eqn_6.12b_nls07	366	-96	1221
Base	29	56	GEO_Eqn_6.12b_nls08	371	113	1598
Base	29	56	GEO_Eqn_6.12b_nls09	-133	-382	556
Base	29	56	GEO_Eqn_6.12b_nls10	81	-384	624
Base	29	56	GEO_Eqn_6.12b_nls11	-80	383	1877
Base	29	56	GEO_Eqn_6.12b_nls12	135	380	1982
Base	29	56	GEO_Eqn_6.12b_nls13	-92	-312	725
Base	29	56	GEO_Eqn_6.12b_nls14	123	-314	782
Base	29	56	GEO_Eqn_6.12b_nls15	-123	311	1718
Base	29	56	GEO_Eqn_6.12b_nls16	91	307	1843
Base	31	60	GEO_Eqn_6.12b_nls01	-16	-5	125
Base	31	60	GEO_Eqn_6.12b_nls02	-16	4	135
Base	31	60	GEO_Eqn_6.12b_nls03	15	-6	180
Base	31	60	GEO_Eqn_6.12b_nls04	14	11	204
Base	31	60	GEO_Eqn_6.12b_nls05	-16	-1	127
Base	31	60	GEO_Eqn_6.12b_nls06	-17	16	148
Base	31	60	GEO_Eqn_6.12b_nls07	15	-10	178
Base	31	60	GEO_Eqn_6.12b_nls08	15	6	201
Base	31	60	GEO_Eqn_6.12b_nls09	-4	-20	120
Base	31	60	GEO_Eqn_6.12b_nls10	5	-22	135
Base	31	60	GEO_Eqn_6.12b_nls11	-6	27	185
Base	31	60	GEO_Eqn_6.12b_nls12	3	25	202
Base	31	60	GEO_Eqn_6.12b_nls13	-3	-33	112
Base	31	60	GEO_Eqn_6.12b_nls14	6	-36	127
Base	31	60	GEO_Eqn_6.12b_nls15	-8	38	192
Base	31	60	GEO_Eqn_6.12b_nls16	2	37	209
Base	32	62	GEO_Eqn_6.12b_nls01	-16	-5	150
Base	32	62	GEO_Eqn_6.12b_nls02	-16	3	166
Base	32	62	GEO_Eqn_6.12b_nls03	15	-5	140
Base	32	62	GEO_Eqn_6.12b_nls04	14	11	172
Base	32	62	GEO_Eqn_6.12b_nls05	-16	-2	155

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	32	62	GEO_Eqn_6.12b_nls06	-17	14	188
Base	32	62	GEO_Eqn_6.12b_nls07	15	-9	135
Base	32	62	GEO_Eqn_6.12b_nls08	15	8	167
Base	32	62	GEO_Eqn_6.12b_nls09	-4	-21	109
Base	32	62	GEO_Eqn_6.12b_nls10	5	-23	103
Base	32	62	GEO_Eqn_6.12b_nls11	-6	27	208
Base	32	62	GEO_Eqn_6.12b_nls12	3	26	203
Base	32	62	GEO_Eqn_6.12b_nls13	-3	-31	93
Base	32	62	GEO_Eqn_6.12b_nls14	6	-33	87
Base	32	62	GEO_Eqn_6.12b_nls15	-8	36	221
Base	32	62	GEO_Eqn_6.12b_nls16	2	35	215
Base	33	64	GEO_Eqn_6.12b_nls01	-16	-5	133
Base	33	64	GEO_Eqn_6.12b_nls02	-16	3	157
Base	33	64	GEO_Eqn_6.12b_nls03	15	-5	129
Base	33	64	GEO_Eqn_6.12b_nls04	14	11	179
Base	33	64	GEO_Eqn_6.12b_nls05	-16	-4	136
Base	33	64	GEO_Eqn_6.12b_nls06	-17	12	184
Base	33	64	GEO_Eqn_6.12b_nls07	15	-7	125
Base	33	64	GEO_Eqn_6.12b_nls08	15	9	175
Base	33	64	GEO_Eqn_6.12b_nls09	-4	-23	79
Base	33	64	GEO_Eqn_6.12b_nls10	5	-24	72
Base	33	64	GEO_Eqn_6.12b_nls11	-6	28	235
Base	33	64	GEO_Eqn_6.12b_nls12	3	28	234
Base	33	64	GEO_Eqn_6.12b_nls13	-3	-28	66
Base	33	64	GEO_Eqn_6.12b_nls14	6	-29	55
Base	33	64	GEO_Eqn_6.12b_nls15	-8	33	245
Base	33	64	GEO_Eqn_6.12b_nls16	2	33	246
Base	35	68	GEO_Eqn_6.12b_nls01	-16	-6	183
Base	35	68	GEO_Eqn_6.12b_nls02	-16	2	212
Base	35	68	GEO_Eqn_6.12b_nls03	15	-5	149
Base	35	68	GEO_Eqn_6.12b_nls04	14	11	209
Base	35	68	GEO_Eqn_6.12b_nls05	-16	-5	186
Base	35	68	GEO_Eqn_6.12b_nls06	-17	10	245
Base	35	68	GEO_Eqn_6.12b_nls07	15	-6	146
Base	35	68	GEO_Eqn_6.12b_nls08	15	10	206
Base	35	68	GEO_Eqn_6.12b_nls09	-4	-24	106
Base	35	68	GEO_Eqn_6.12b_nls10	5	-25	87
Base	35	68	GEO_Eqn_6.12b_nls11	-6	28	297
Base	35	68	GEO_Eqn_6.12b_nls12	3	29	286
Base	35	68	GEO_Eqn_6.12b_nls13	-3	-26	93
Base	35	68	GEO_Eqn_6.12b_nls14	6	-26	72
Base	35	68	GEO_Eqn_6.12b_nls15	-8	30	306
Base	35	68	GEO_Eqn_6.12b_nls16	2	31	298
Base	36	70	GEO_Eqn_6.12b_nls01	-16	-6	152
Base	36	70	GEO_Eqn_6.12b_nls02	-16	1	170

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	36	70	GEO_Eqn_6.12b_nls03	15	-5	193
Base	36	70	GEO_Eqn_6.12b_nls04	14	10	231
Base	36	70	GEO_Eqn_6.12b_nls05	-16	-8	150
Base	36	70	GEO_Eqn_6.12b_nls06	-17	6	186
Base	36	70	GEO_Eqn_6.12b_nls07	15	-3	196
Base	36	70	GEO_Eqn_6.12b_nls08	15	13	233
Base	36	70	GEO_Eqn_6.12b_nls09	-4	-27	121
Base	36	70	GEO_Eqn_6.12b_nls10	5	-26	132
Base	36	70	GEO_Eqn_6.12b_nls11	-6	29	248
Base	36	70	GEO_Eqn_6.12b_nls12	3	31	262
Base	36	70	GEO_Eqn_6.12b_nls13	-3	-21	127
Base	36	70	GEO_Eqn_6.12b_nls14	6	-20	137
Base	36	70	GEO_Eqn_6.12b_nls15	-8	24	243
Base	36	70	GEO_Eqn_6.12b_nls16	2	26	258
Base	37	72	GEO_Eqn_6.12b_nls01	-16	-7	131
Base	37	72	GEO_Eqn_6.12b_nls02	-16	0.1043	143
Base	37	72	GEO_Eqn_6.12b_nls03	15	-5	141
Base	37	72	GEO_Eqn_6.12b_nls04	14	10	168
Base	37	72	GEO_Eqn_6.12b_nls05	-16	-10	127
Base	37	72	GEO_Eqn_6.12b_nls06	-17	4	152
Base	37	72	GEO_Eqn_6.12b_nls07	15	-1	145
Base	37	72	GEO_Eqn_6.12b_nls08	15	14	171
Base	37	72	GEO_Eqn_6.12b_nls09	-4	-28	103
Base	37	72	GEO_Eqn_6.12b_nls10	5	-27	106
Base	37	72	GEO_Eqn_6.12b_nls11	-6	30	195
Base	37	72	GEO_Eqn_6.12b_nls12	3	32	200
Base	37	72	GEO_Eqn_6.12b_nls13	-3	-18	112
Base	37	72	GEO_Eqn_6.12b_nls14	6	-17	115
Base	37	72	GEO_Eqn_6.12b_nls15	-8	22	186
Base	37	72	GEO_Eqn_6.12b_nls16	2	24	192
Base	38	98	GEO_Eqn_6.12b_nls01	-16	-7	192
Base	38	98	GEO_Eqn_6.12b_nls02	-16	-1	211
Base	38	98	GEO_Eqn_6.12b_nls03	15	-5	121
Base	38	98	GEO_Eqn_6.12b_nls04	14	10	155
Base	38	98	GEO_Eqn_6.12b_nls05	-16	-11	188
Base	38	98	GEO_Eqn_6.12b_nls06	-17	2	224
Base	38	98	GEO_Eqn_6.12b_nls07	15	-0.05575	126
Base	38	98	GEO_Eqn_6.12b_nls08	15	15	161
Base	38	98	GEO_Eqn_6.12b_nls09	-4	-29	127
Base	38	98	GEO_Eqn_6.12b_nls10	5	-27	106
Base	38	98	GEO_Eqn_6.12b_nls11	-6	31	252
Base	38	98	GEO_Eqn_6.12b_nls12	3	33	232
Base	38	98	GEO_Eqn_6.12b_nls13	-3	-16	138
Base	38	98	GEO_Eqn_6.12b_nls14	6	-14	118
Base	38	98	GEO_Eqn_6.12b_nls15	-8	19	240

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	38	98	GEO_Eqn_6.12b_nls16	2	22	219
Base	39	76	GEO_Eqn_6.12b_nls01	-17	-6	107
Base	39	76	GEO_Eqn_6.12b_nls02	-17	1	108
Base	39	76	GEO_Eqn_6.12b_nls03	15	-5	108
Base	39	76	GEO_Eqn_6.12b_nls04	14	11	109
Base	39	76	GEO_Eqn_6.12b_nls05	-20	-7	107
Base	39	76	GEO_Eqn_6.12b_nls06	-21	8	107
Base	39	76	GEO_Eqn_6.12b_nls07	18	-4	108
Base	39	76	GEO_Eqn_6.12b_nls08	17	11	109
Base	39	76	GEO_Eqn_6.12b_nls09	-7	-25	107
Base	39	76	GEO_Eqn_6.12b_nls10	3	-25	107
Base	39	76	GEO_Eqn_6.12b_nls11	-5	29	110
Base	39	76	GEO_Eqn_6.12b_nls12	5	30	110
Base	39	76	GEO_Eqn_6.12b_nls13	2	-23	108
Base	39	76	GEO_Eqn_6.12b_nls14	13	-23	107
Base	39	76	GEO_Eqn_6.12b_nls15	-14	27	109
Base	39	76	GEO_Eqn_6.12b_nls16	-2	28	109
Base	40	78	GEO_Eqn_6.12b_nls01	-17	-6	68
Base	40	78	GEO_Eqn_6.12b_nls02	-18	1	67
Base	40	78	GEO_Eqn_6.12b_nls03	15	-5	70
Base	40	78	GEO_Eqn_6.12b_nls04	14	11	71
Base	40	78	GEO_Eqn_6.12b_nls05	-21	-7	64
Base	40	78	GEO_Eqn_6.12b_nls06	-24	8	61
Base	40	78	GEO_Eqn_6.12b_nls07	20	-4	64
Base	40	78	GEO_Eqn_6.12b_nls08	19	11	65
Base	40	78	GEO_Eqn_6.12b_nls09	-9	-25	86
Base	40	78	GEO_Eqn_6.12b_nls10	3	-25	94
Base	40	78	GEO_Eqn_6.12b_nls11	-5	29	88
Base	40	78	GEO_Eqn_6.12b_nls12	7	30	87
Base	40	78	GEO_Eqn_6.12b_nls13	5	-23	97
Base	40	78	GEO_Eqn_6.12b_nls14	16	-23	78
Base	40	78	GEO_Eqn_6.12b_nls15	-17	27	76
Base	40	78	GEO_Eqn_6.12b_nls16	-5	28	96
Base	41	82	GEO_Eqn_6.12b_nls01	-17	-6	110
Base	41	82	GEO_Eqn_6.12b_nls02	-17	1	110
Base	41	82	GEO_Eqn_6.12b_nls03	15	-5	110
Base	41	82	GEO_Eqn_6.12b_nls04	14	10	110
Base	41	82	GEO_Eqn_6.12b_nls05	-20	-8	110
Base	41	82	GEO_Eqn_6.12b_nls06	-21	7	111
Base	41	82	GEO_Eqn_6.12b_nls07	18	-3	111
Base	41	82	GEO_Eqn_6.12b_nls08	17	12	111
Base	41	82	GEO_Eqn_6.12b_nls09	-7	-26	108
Base	41	82	GEO_Eqn_6.12b_nls10	3	-26	107
Base	41	82	GEO_Eqn_6.12b_nls11	-5	29	109
Base	41	82	GEO_Eqn_6.12b_nls12	5	31	109

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	41	82	GEO_Eqn_6.12b_nls13	2	-21	107
Base	41	82	GEO_Eqn_6.12b_nls14	13	-21	109
Base	41	82	GEO_Eqn_6.12b_nls15	-14	25	110
Base	41	82	GEO_Eqn_6.12b_nls16	-2	27	108
Base	42	83	GEO_Eqn_6.12b_nls01	-17	-6	140
Base	42	83	GEO_Eqn_6.12b_nls02	-18	1	142
Base	42	83	GEO_Eqn_6.12b_nls03	15	-5	124
Base	42	83	GEO_Eqn_6.12b_nls04	14	10	122
Base	42	83	GEO_Eqn_6.12b_nls05	-21	-8	147
Base	42	83	GEO_Eqn_6.12b_nls06	-24	7	150
Base	42	83	GEO_Eqn_6.12b_nls07	20	-3	128
Base	42	83	GEO_Eqn_6.12b_nls08	19	12	127
Base	42	83	GEO_Eqn_6.12b_nls09	-9	-26	117
Base	42	83	GEO_Eqn_6.12b_nls10	3	-26	104
Base	42	83	GEO_Eqn_6.12b_nls11	-5	29	111
Base	42	83	GEO_Eqn_6.12b_nls12	7	31	106
Base	42	83	GEO_Eqn_6.12b_nls13	5	-21	100
Base	42	83	GEO_Eqn_6.12b_nls14	16	-21	117
Base	42	83	GEO_Eqn_6.12b_nls15	-17	25	130
Base	42	83	GEO_Eqn_6.12b_nls16	-5	27	103
Base	43	86	GEO_Eqn_6.12b_nls01	-17	-7	107
Base	43	86	GEO_Eqn_6.12b_nls02	-17	0.3329	107
Base	43	86	GEO_Eqn_6.12b_nls03	15	-5	103
Base	43	86	GEO_Eqn_6.12b_nls04	14	10	104
Base	43	86	GEO_Eqn_6.12b_nls05	-20	-9	107
Base	43	86	GEO_Eqn_6.12b_nls06	-21	5	107
Base	43	86	GEO_Eqn_6.12b_nls07	18	-2	103
Base	43	86	GEO_Eqn_6.12b_nls08	17	13	104
Base	43	86	GEO_Eqn_6.12b_nls09	-7	-27	105
Base	43	86	GEO_Eqn_6.12b_nls10	3	-26	104
Base	43	86	GEO_Eqn_6.12b_nls11	-5	30	107
Base	43	86	GEO_Eqn_6.12b_nls12	5	32	107
Base	43	86	GEO_Eqn_6.12b_nls13	2	-19	105
Base	43	86	GEO_Eqn_6.12b_nls14	13	-18	104
Base	43	86	GEO_Eqn_6.12b_nls15	-14	23	107
Base	43	86	GEO_Eqn_6.12b_nls16	-2	25	106
Base	44	87	GEO_Eqn_6.12b_nls01	-17	-7	111
Base	44	87	GEO_Eqn_6.12b_nls02	-18	0.3329	111
Base	44	87	GEO_Eqn_6.12b_nls03	15	-5	60
Base	44	87	GEO_Eqn_6.12b_nls04	14	10	61
Base	44	87	GEO_Eqn_6.12b_nls05	-21	-9	113
Base	44	87	GEO_Eqn_6.12b_nls06	-24	5	114
Base	44	87	GEO_Eqn_6.12b_nls07	20	-2	53
Base	44	87	GEO_Eqn_6.12b_nls08	19	13	54
Base	44	87	GEO_Eqn_6.12b_nls09	-9	-27	105

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	44	87	GEO_Eqn_6.12b_nls10	3	-26	92
Base	44	87	GEO_Eqn_6.12b_nls11	-5	30	101
Base	44	87	GEO_Eqn_6.12b_nls12	7	32	84
Base	44	87	GEO_Eqn_6.12b_nls13	5	-19	97
Base	44	87	GEO_Eqn_6.12b_nls14	16	-18	70
Base	44	87	GEO_Eqn_6.12b_nls15	-17	23	107
Base	44	87	GEO_Eqn_6.12b_nls16	-5	25	99
Base	45	90	GEO_Eqn_6.12b_nls01	-17	-7	105
Base	45	90	GEO_Eqn_6.12b_nls02	-17	-0.1699	105
Base	45	90	GEO_Eqn_6.12b_nls03	15	-5	109
Base	45	90	GEO_Eqn_6.12b_nls04	14	10	110
Base	45	90	GEO_Eqn_6.12b_nls05	-20	-11	104
Base	45	90	GEO_Eqn_6.12b_nls06	-21	4	106
Base	45	90	GEO_Eqn_6.12b_nls07	18	-1	109
Base	45	90	GEO_Eqn_6.12b_nls08	17	14	110
Base	45	90	GEO_Eqn_6.12b_nls09	-7	-28	105
Base	45	90	GEO_Eqn_6.12b_nls10	3	-27	106
Base	45	90	GEO_Eqn_6.12b_nls11	-5	30	111
Base	45	90	GEO_Eqn_6.12b_nls12	5	33	112
Base	45	90	GEO_Eqn_6.12b_nls13	2	-17	106
Base	45	90	GEO_Eqn_6.12b_nls14	13	-16	107
Base	45	90	GEO_Eqn_6.12b_nls15	-14	20	109
Base	45	90	GEO_Eqn_6.12b_nls16	-2	23	111
Base	46	91	GEO_Eqn_6.12b_nls01	-17	-7	92
Base	46	91	GEO_Eqn_6.12b_nls02	-18	-0.1699	91
Base	46	91	GEO_Eqn_6.12b_nls03	15	-5	95
Base	46	91	GEO_Eqn_6.12b_nls04	14	10	93
Base	46	91	GEO_Eqn_6.12b_nls05	-21	-11	93
Base	46	91	GEO_Eqn_6.12b_nls06	-24	4	91
Base	46	91	GEO_Eqn_6.12b_nls07	20	-1	93
Base	46	91	GEO_Eqn_6.12b_nls08	19	14	92
Base	46	91	GEO_Eqn_6.12b_nls09	-9	-28	97
Base	46	91	GEO_Eqn_6.12b_nls10	3	-27	99
Base	46	91	GEO_Eqn_6.12b_nls11	-5	30	92
Base	46	91	GEO_Eqn_6.12b_nls12	7	33	92
Base	46	91	GEO_Eqn_6.12b_nls13	5	-17	97
Base	46	91	GEO_Eqn_6.12b_nls14	16	-16	94
Base	46	91	GEO_Eqn_6.12b_nls15	-17	20	93
Base	46	91	GEO_Eqn_6.12b_nls16	-5	23	96
Base	47	92	GEO_Eqn_6.12b_nls01	-551	-118	2119
Base	47	92	GEO_Eqn_6.12b_nls02	-550	41	2073
Base	47	92	GEO_Eqn_6.12b_nls03	547	-193	1561
Base	47	92	GEO_Eqn_6.12b_nls04	550	121	1432
Base	47	92	GEO_Eqn_6.12b_nls05	-540	-175	2128
Base	47	92	GEO_Eqn_6.12b_nls06	-537	142	2036

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	47	92	GEO_Eqn_6.12b_nls07	536	-137	1561
Base	47	92	GEO_Eqn_6.12b_nls08	539	178	1436
Base	47	92	GEO_Eqn_6.12b_nls09	-155	-595	2044
Base	47	92	GEO_Eqn_6.12b_nls10	171	-601	1875
Base	47	92	GEO_Eqn_6.12b_nls11	-173	601	1723
Base	47	92	GEO_Eqn_6.12b_nls12	153	594	1550
Base	47	92	GEO_Eqn_6.12b_nls13	-185	-444	2025
Base	47	92	GEO_Eqn_6.12b_nls14	141	-450	1868
Base	47	92	GEO_Eqn_6.12b_nls15	-143	445	1740
Base	47	92	GEO_Eqn_6.12b_nls16	182	438	1554
Base	48	94	GEO_Eqn_6.12b_nls01	-539	-118	1805
Base	48	94	GEO_Eqn_6.12b_nls02	-536	41	1867
Base	48	94	GEO_Eqn_6.12b_nls03	538	-193	1607
Base	48	94	GEO_Eqn_6.12b_nls04	542	121	1726
Base	48	94	GEO_Eqn_6.12b_nls05	-545	-175	1798
Base	48	94	GEO_Eqn_6.12b_nls06	-540	142	1920
Base	48	94	GEO_Eqn_6.12b_nls07	543	-137	1619
Base	48	94	GEO_Eqn_6.12b_nls08	548	178	1735
Base	48	94	GEO_Eqn_6.12b_nls09	-178	-595	1597
Base	48	94	GEO_Eqn_6.12b_nls10	147	-601	1534
Base	48	94	GEO_Eqn_6.12b_nls11	-146	601	2008
Base	48	94	GEO_Eqn_6.12b_nls12	178	594	1947
Base	48	94	GEO_Eqn_6.12b_nls13	-162	-444	1610
Base	48	94	GEO_Eqn_6.12b_nls14	163	-450	1555
Base	48	94	GEO_Eqn_6.12b_nls15	-164	445	1981
Base	48	94	GEO_Eqn_6.12b_nls16	160	438	1912
Base	49	96	GEO_Eqn_6.12b_nls01	-352	-79	1372
Base	49	96	GEO_Eqn_6.12b_nls02	-349	27	1620
Base	49	96	GEO_Eqn_6.12b_nls03	352	-128	508
Base	49	96	GEO_Eqn_6.12b_nls04	356	81	1006
Base	49	96	GEO_Eqn_6.12b_nls05	-367	-117	1302
Base	49	96	GEO_Eqn_6.12b_nls06	-361	95	1794
Base	49	96	GEO_Eqn_6.12b_nls07	366	-91	591
Base	49	96	GEO_Eqn_6.12b_nls08	371	118	1081
Base	49	96	GEO_Eqn_6.12b_nls09	-133	-397	446
Base	49	96	GEO_Eqn_6.12b_nls10	81	-401	196
Base	49	96	GEO_Eqn_6.12b_nls11	-80	401	2226
Base	49	96	GEO_Eqn_6.12b_nls12	135	396	1996
Base	49	96	GEO_Eqn_6.12b_nls13	-92	-296	634
Base	49	96	GEO_Eqn_6.12b_nls14	123	-300	389
Base	49	96	GEO_Eqn_6.12b_nls15	-123	297	2050
Base	49	96	GEO_Eqn_6.12b_nls16	91	292	1807
Base	50	102	GEO_Eqn_6.12b_nls01	-17	-6	110
Base	50	102	GEO_Eqn_6.12b_nls02	-17	2	110
Base	50	102	GEO_Eqn_6.12b_nls03	15	-5	109

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	50	102	GEO_Eqn_6.12b_nls04	14	11	109
Base	50	102	GEO_Eqn_6.12b_nls05	-20	-6	110
Base	50	102	GEO_Eqn_6.12b_nls06	-21	10	111
Base	50	102	GEO_Eqn_6.12b_nls07	18	-6	109
Base	50	102	GEO_Eqn_6.12b_nls08	17	10	110
Base	50	102	GEO_Eqn_6.12b_nls09	-7	-24	107
Base	50	102	GEO_Eqn_6.12b_nls10	3	-25	106
Base	50	102	GEO_Eqn_6.12b_nls11	-5	29	109
Base	50	102	GEO_Eqn_6.12b_nls12	5	29	109
Base	50	102	GEO_Eqn_6.12b_nls13	2	-25	107
Base	50	102	GEO_Eqn_6.12b_nls14	13	-26	107
Base	50	102	GEO_Eqn_6.12b_nls15	-14	29	110
Base	50	102	GEO_Eqn_6.12b_nls16	-2	30	108
Base	51	103	GEO_Eqn_6.12b_nls01	-17	-6	129
Base	51	103	GEO_Eqn_6.12b_nls02	-18	2	130
Base	51	103	GEO_Eqn_6.12b_nls03	15	-5	127
Base	51	103	GEO_Eqn_6.12b_nls04	14	11	125
Base	51	103	GEO_Eqn_6.12b_nls05	-21	-6	135
Base	51	103	GEO_Eqn_6.12b_nls06	-24	10	136
Base	51	103	GEO_Eqn_6.12b_nls07	20	-6	132
Base	51	103	GEO_Eqn_6.12b_nls08	19	10	130
Base	51	103	GEO_Eqn_6.12b_nls09	-9	-24	113
Base	51	103	GEO_Eqn_6.12b_nls10	3	-25	106
Base	51	103	GEO_Eqn_6.12b_nls11	-5	29	107
Base	51	103	GEO_Eqn_6.12b_nls12	7	29	106
Base	51	103	GEO_Eqn_6.12b_nls13	5	-25	100
Base	51	103	GEO_Eqn_6.12b_nls14	16	-26	120
Base	51	103	GEO_Eqn_6.12b_nls15	-17	29	121
Base	51	103	GEO_Eqn_6.12b_nls16	-5	30	101
Base	52	106	GEO_Eqn_6.12b_nls01	-17	-6	107
Base	52	106	GEO_Eqn_6.12b_nls02	-17	2	107
Base	52	106	GEO_Eqn_6.12b_nls03	15	-5	106
Base	52	106	GEO_Eqn_6.12b_nls04	14	11	107
Base	52	106	GEO_Eqn_6.12b_nls05	-20	-4	107
Base	52	106	GEO_Eqn_6.12b_nls06	-21	12	107
Base	52	106	GEO_Eqn_6.12b_nls07	18	-7	107
Base	52	106	GEO_Eqn_6.12b_nls08	17	9	107
Base	52	106	GEO_Eqn_6.12b_nls09	-7	-23	106
Base	52	106	GEO_Eqn_6.12b_nls10	3	-24	106
Base	52	106	GEO_Eqn_6.12b_nls11	-5	28	109
Base	52	106	GEO_Eqn_6.12b_nls12	5	28	109
Base	52	106	GEO_Eqn_6.12b_nls13	2	-27	107
Base	52	106	GEO_Eqn_6.12b_nls14	13	-28	106
Base	52	106	GEO_Eqn_6.12b_nls15	-14	32	108
Base	52	106	GEO_Eqn_6.12b_nls16	-2	32	108

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	53	107	GEO_Eqn_6.12b_nls01	-17	-6	65
Base	53	107	GEO_Eqn_6.12b_nls02	-18	2	64
Base	53	107	GEO_Eqn_6.12b_nls03	15	-5	71
Base	53	107	GEO_Eqn_6.12b_nls04	14	11	71
Base	53	107	GEO_Eqn_6.12b_nls05	-21	-4	60
Base	53	107	GEO_Eqn_6.12b_nls06	-24	12	57
Base	53	107	GEO_Eqn_6.12b_nls07	20	-7	65
Base	53	107	GEO_Eqn_6.12b_nls08	19	9	66
Base	53	107	GEO_Eqn_6.12b_nls09	-9	-23	85
Base	53	107	GEO_Eqn_6.12b_nls10	3	-24	94
Base	53	107	GEO_Eqn_6.12b_nls11	-5	28	87
Base	53	107	GEO_Eqn_6.12b_nls12	7	28	88
Base	53	107	GEO_Eqn_6.12b_nls13	5	-27	98
Base	53	107	GEO_Eqn_6.12b_nls14	16	-28	79
Base	53	107	GEO_Eqn_6.12b_nls15	-17	32	73
Base	53	107	GEO_Eqn_6.12b_nls16	-5	32	95
Base	54	110	GEO_Eqn_6.12b_nls01	-17	-5	108
Base	54	110	GEO_Eqn_6.12b_nls02	-17	3	109
Base	54	110	GEO_Eqn_6.12b_nls03	15	-5	111
Base	54	110	GEO_Eqn_6.12b_nls04	14	11	111
Base	54	110	GEO_Eqn_6.12b_nls05	-20	-3	108
Base	54	110	GEO_Eqn_6.12b_nls06	-21	13	109
Base	54	110	GEO_Eqn_6.12b_nls07	18	-8	111
Base	54	110	GEO_Eqn_6.12b_nls08	17	8	112
Base	54	110	GEO_Eqn_6.12b_nls09	-7	-22	107
Base	54	110	GEO_Eqn_6.12b_nls10	3	-23	107
Base	54	110	GEO_Eqn_6.12b_nls11	-5	28	109
Base	54	110	GEO_Eqn_6.12b_nls12	5	27	110
Base	54	110	GEO_Eqn_6.12b_nls13	2	-29	107
Base	54	110	GEO_Eqn_6.12b_nls14	13	-31	109
Base	54	110	GEO_Eqn_6.12b_nls15	-14	34	109
Base	54	110	GEO_Eqn_6.12b_nls16	-2	34	108
Base	55	111	GEO_Eqn_6.12b_nls01	-17	-5	128
Base	55	111	GEO_Eqn_6.12b_nls02	-18	3	129
Base	55	111	GEO_Eqn_6.12b_nls03	15	-5	131
Base	55	111	GEO_Eqn_6.12b_nls04	14	11	130
Base	55	111	GEO_Eqn_6.12b_nls05	-21	-3	133
Base	55	111	GEO_Eqn_6.12b_nls06	-24	13	135
Base	55	111	GEO_Eqn_6.12b_nls07	20	-8	137
Base	55	111	GEO_Eqn_6.12b_nls08	19	8	136
Base	55	111	GEO_Eqn_6.12b_nls09	-9	-22	111
Base	55	111	GEO_Eqn_6.12b_nls10	3	-23	105
Base	55	111	GEO_Eqn_6.12b_nls11	-5	28	108
Base	55	111	GEO_Eqn_6.12b_nls12	7	27	109
Base	55	111	GEO_Eqn_6.12b_nls13	5	-29	98

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	55	111	GEO_Eqn_6.12b_nls14	16	-31	122
Base	55	111	GEO_Eqn_6.12b_nls15	-17	34	121
Base	55	111	GEO_Eqn_6.12b_nls16	-5	34	101
Base	56	114	GEO_Eqn_6.12b_nls01	-17	-5	115
Base	56	114	GEO_Eqn_6.12b_nls02	-17	3	116
Base	56	114	GEO_Eqn_6.12b_nls03	15	-6	119
Base	56	114	GEO_Eqn_6.12b_nls04	14	11	120
Base	56	114	GEO_Eqn_6.12b_nls05	-20	-2	115
Base	56	114	GEO_Eqn_6.12b_nls06	-21	15	116
Base	56	114	GEO_Eqn_6.12b_nls07	18	-9	119
Base	56	114	GEO_Eqn_6.12b_nls08	17	7	121
Base	56	114	GEO_Eqn_6.12b_nls09	-7	-21	115
Base	56	114	GEO_Eqn_6.12b_nls10	3	-23	116
Base	56	114	GEO_Eqn_6.12b_nls11	-5	27	120
Base	56	114	GEO_Eqn_6.12b_nls12	5	26	121
Base	56	114	GEO_Eqn_6.12b_nls13	2	-31	116
Base	56	114	GEO_Eqn_6.12b_nls14	13	-33	117
Base	56	114	GEO_Eqn_6.12b_nls15	-14	36	119
Base	56	114	GEO_Eqn_6.12b_nls16	-2	36	121
Base	57	115	GEO_Eqn_6.12b_nls01	-17	-5	65
Base	57	115	GEO_Eqn_6.12b_nls02	-18	3	64
Base	57	115	GEO_Eqn_6.12b_nls03	15	-6	109
Base	57	115	GEO_Eqn_6.12b_nls04	14	11	108
Base	57	115	GEO_Eqn_6.12b_nls05	-21	-2	59
Base	57	115	GEO_Eqn_6.12b_nls06	-24	15	56
Base	57	115	GEO_Eqn_6.12b_nls07	20	-9	110
Base	57	115	GEO_Eqn_6.12b_nls08	19	7	110
Base	57	115	GEO_Eqn_6.12b_nls09	-9	-21	86
Base	57	115	GEO_Eqn_6.12b_nls10	3	-23	104
Base	57	115	GEO_Eqn_6.12b_nls11	-5	27	91
Base	57	115	GEO_Eqn_6.12b_nls12	7	26	105
Base	57	115	GEO_Eqn_6.12b_nls13	5	-31	104
Base	57	115	GEO_Eqn_6.12b_nls14	16	-33	109
Base	57	115	GEO_Eqn_6.12b_nls15	-17	36	75
Base	57	115	GEO_Eqn_6.12b_nls16	-5	36	99
Base	59	168	GEO_Eqn_6.12b_nls01	-17	-7	84
Base	59	168	GEO_Eqn_6.12b_nls02	-18	-1	84
Base	59	168	GEO_Eqn_6.12b_nls03	15	-5	80
Base	59	168	GEO_Eqn_6.12b_nls04	14	10	79
Base	59	168	GEO_Eqn_6.12b_nls05	-21	-12	86
Base	59	168	GEO_Eqn_6.12b_nls06	-24	2	85
Base	59	168	GEO_Eqn_6.12b_nls07	20	0.2247	78
Base	59	168	GEO_Eqn_6.12b_nls08	19	15	78
Base	59	168	GEO_Eqn_6.12b_nls09	-9	-29	84
Base	59	168	GEO_Eqn_6.12b_nls10	3	-28	82

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	59	168	GEO_Eqn_6.12b_nls11	-5	31	81
Base	59	168	GEO_Eqn_6.12b_nls12	7	33	79
Base	59	168	GEO_Eqn_6.12b_nls13	5	-15	81
Base	59	168	GEO_Eqn_6.12b_nls14	16	-13	79
Base	59	168	GEO_Eqn_6.12b_nls15	-17	18	84
Base	59	168	GEO_Eqn_6.12b_nls16	-5	21	82
Base	60	163	GEO_Eqn_6.12b_nls01	-17	-5	71
Base	60	163	GEO_Eqn_6.12b_nls02	-18	4	72
Base	60	163	GEO_Eqn_6.12b_nls03	15	-6	88
Base	60	163	GEO_Eqn_6.12b_nls04	14	11	92
Base	60	163	GEO_Eqn_6.12b_nls05	-21	-0.3397	69
Base	60	163	GEO_Eqn_6.12b_nls06	-24	16	72
Base	60	163	GEO_Eqn_6.12b_nls07	20	-10	88
Base	60	163	GEO_Eqn_6.12b_nls08	19	6	92
Base	60	163	GEO_Eqn_6.12b_nls09	-9	-20	75
Base	60	163	GEO_Eqn_6.12b_nls10	3	-22	82
Base	60	163	GEO_Eqn_6.12b_nls11	-5	27	87
Base	60	163	GEO_Eqn_6.12b_nls12	7	25	93
Base	60	163	GEO_Eqn_6.12b_nls13	5	-33	80
Base	60	163	GEO_Eqn_6.12b_nls14	16	-36	83
Base	60	163	GEO_Eqn_6.12b_nls15	-17	39	84
Base	60	163	GEO_Eqn_6.12b_nls16	-5	38	92
Base	79	143	GEO_Eqn_6.12b_nls01	-176	-71	106
Base	79	143	GEO_Eqn_6.12b_nls02	-174	-22	156
Base	79	143	GEO_Eqn_6.12b_nls03	176	-38	1018
Base	79	143	GEO_Eqn_6.12b_nls04	178	61	1137
Base	79	143	GEO_Eqn_6.12b_nls05	-183	-45	108
Base	79	143	GEO_Eqn_6.12b_nls06	-181	53	201
Base	79	143	GEO_Eqn_6.12b_nls07	183	-63	1009
Base	79	143	GEO_Eqn_6.12b_nls08	185	36	1131
Base	79	143	GEO_Eqn_6.12b_nls09	-67	-139	296
Base	79	143	GEO_Eqn_6.12b_nls10	41	-135	557
Base	79	143	GEO_Eqn_6.12b_nls11	-40	130	629
Base	79	143	GEO_Eqn_6.12b_nls12	67	133	912
Base	79	143	GEO_Eqn_6.12b_nls13	-46	-210	282
Base	79	143	GEO_Eqn_6.12b_nls14	61	-206	538
Base	79	143	GEO_Eqn_6.12b_nls15	-62	203	623
Base	79	143	GEO_Eqn_6.12b_nls16	46	206	921
Base	80	148	GEO_Eqn_6.12b_nls01	14	-50	377
Base	80	148	GEO_Eqn_6.12b_nls02	5	-4	222
Base	80	148	GEO_Eqn_6.12b_nls03	13	-18	281
Base	80	148	GEO_Eqn_6.12b_nls04	-3	71	0
Base	80	148	GEO_Eqn_6.12b_nls05	9	-25	293
Base	80	148	GEO_Eqn_6.12b_nls06	-8	66	0
Base	80	148	GEO_Eqn_6.12b_nls07	18	-46	375

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	80	148	GEO_Eqn_6.12b_nls08	1	48	61
Base	80	148	GEO_Eqn_6.12b_nls09	23	-88	445
Base	80	148	GEO_Eqn_6.12b_nls10	25	-90	452
Base	80	148	GEO_Eqn_6.12b_nls11	-11	96	0
Base	80	148	GEO_Eqn_6.12b_nls12	-10	97	0
Base	80	148	GEO_Eqn_6.12b_nls13	29	-124	471
Base	80	148	GEO_Eqn_6.12b_nls14	31	-127	479
Base	80	148	GEO_Eqn_6.12b_nls15	-16	126	0
Base	80	148	GEO_Eqn_6.12b_nls16	-15	129	0
Base	81	149	GEO_Eqn_6.12b_nls01	14	-50	42
Base	81	149	GEO_Eqn_6.12b_nls02	5	-4	198
Base	81	149	GEO_Eqn_6.12b_nls03	12	-18	157
Base	81	149	GEO_Eqn_6.12b_nls04	-5	71	443
Base	81	149	GEO_Eqn_6.12b_nls05	9	-25	127
Base	81	149	GEO_Eqn_6.12b_nls06	-8	66	423
Base	81	149	GEO_Eqn_6.12b_nls07	18	-46	63
Base	81	149	GEO_Eqn_6.12b_nls08	-0.183	48	377
Base	81	149	GEO_Eqn_6.12b_nls09	22	-88	0
Base	81	149	GEO_Eqn_6.12b_nls10	24	-91	0
Base	81	149	GEO_Eqn_6.12b_nls11	-12	95	452
Base	81	149	GEO_Eqn_6.12b_nls12	-11	96	458
Base	81	149	GEO_Eqn_6.12b_nls13	30	-124	0
Base	81	149	GEO_Eqn_6.12b_nls14	32	-127	0
Base	81	149	GEO_Eqn_6.12b_nls15	-18	126	477
Base	81	149	GEO_Eqn_6.12b_nls16	-17	129	484
Base	82	150	GEO_Eqn_6.12b_nls01	9	-33	104
Base	82	150	GEO_Eqn_6.12b_nls02	3	-2	121
Base	82	150	GEO_Eqn_6.12b_nls03	7	-12	129
Base	82	150	GEO_Eqn_6.12b_nls04	-4	47	163
Base	82	150	GEO_Eqn_6.12b_nls05	5	-17	113
Base	82	150	GEO_Eqn_6.12b_nls06	-6	44	147
Base	82	150	GEO_Eqn_6.12b_nls07	11	-31	119
Base	82	150	GEO_Eqn_6.12b_nls08	-1	32	153
Base	82	150	GEO_Eqn_6.12b_nls09	14	-59	61
Base	82	150	GEO_Eqn_6.12b_nls10	16	-60	62
Base	82	150	GEO_Eqn_6.12b_nls11	-9	64	180
Base	82	150	GEO_Eqn_6.12b_nls12	-8	64	184
Base	82	150	GEO_Eqn_6.12b_nls13	20	-83	1
Base	82	150	GEO_Eqn_6.12b_nls14	21	-84	1
Base	82	150	GEO_Eqn_6.12b_nls15	-13	84	208
Base	82	150	GEO_Eqn_6.12b_nls16	-13	86	215
Base	84	166	GEO_Eqn_6.12b_nls01	-16	-7	275
Base	84	166	GEO_Eqn_6.12b_nls02	-16	-1	295
Base	84	166	GEO_Eqn_6.12b_nls03	15	-5	76
Base	84	166	GEO_Eqn_6.12b_nls04	14	10	111

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	84	166	GEO_Eqn_6.12b_nls05	-16	-12	273
Base	84	166	GEO_Eqn_6.12b_nls06	-17	1	310
Base	84	166	GEO_Eqn_6.12b_nls07	15	1	80
Base	84	166	GEO_Eqn_6.12b_nls08	15	16	113
Base	84	166	GEO_Eqn_6.12b_nls09	-4	-30	163
Base	84	166	GEO_Eqn_6.12b_nls10	5	-28	104
Base	84	166	GEO_Eqn_6.12b_nls11	-6	31	281
Base	84	166	GEO_Eqn_6.12b_nls12	3	34	222
Base	84	166	GEO_Eqn_6.12b_nls13	-3	-14	167
Base	84	166	GEO_Eqn_6.12b_nls14	6	-12	109
Base	84	166	GEO_Eqn_6.12b_nls15	-8	17	279
Base	84	166	GEO_Eqn_6.12b_nls16	2	20	217
Base	85	294	GEO_Eqn_6.12b_nls01	-176	-37	1056
Base	85	294	GEO_Eqn_6.12b_nls02	-174	17	1206
Base	85	294	GEO_Eqn_6.12b_nls03	176	-66	0.05718
Base	85	294	GEO_Eqn_6.12b_nls04	178	39	202
Base	85	294	GEO_Eqn_6.12b_nls05	-183	-59	1029
Base	85	294	GEO_Eqn_6.12b_nls06	-181	47	1329
Base	85	294	GEO_Eqn_6.12b_nls07	183	-44	0.06052
Base	85	294	GEO_Eqn_6.12b_nls08	185	61	236
Base	85	294	GEO_Eqn_6.12b_nls09	-67	-203	296
Base	85	294	GEO_Eqn_6.12b_nls10	41	-206	0
Base	85	294	GEO_Eqn_6.12b_nls11	-40	206	1340
Base	85	294	GEO_Eqn_6.12b_nls12	67	203	1007
Base	85	294	GEO_Eqn_6.12b_nls13	-46	-143	363
Base	85	294	GEO_Eqn_6.12b_nls14	61	-145	30
Base	85	294	GEO_Eqn_6.12b_nls15	-62	144	1277
Base	85	294	GEO_Eqn_6.12b_nls16	46	141	925
Base	86	170	GEO_Eqn_6.12b_nls01	-360	-72	2100
Base	86	170	GEO_Eqn_6.12b_nls02	-358	34	2086
Base	86	170	GEO_Eqn_6.12b_nls03	358	-134	555
Base	86	170	GEO_Eqn_6.12b_nls04	361	76	465
Base	86	170	GEO_Eqn_6.12b_nls05	-363	-119	2146
Base	86	170	GEO_Eqn_6.12b_nls06	-360	94	2108
Base	86	170	GEO_Eqn_6.12b_nls07	362	-88	502
Base	86	170	GEO_Eqn_6.12b_nls08	365	123	407
Base	86	170	GEO_Eqn_6.12b_nls09	-118	-409	1726
Base	86	170	GEO_Eqn_6.12b_nls10	98	-413	1243
Base	86	170	GEO_Eqn_6.12b_nls11	-98	414	1451
Base	86	170	GEO_Eqn_6.12b_nls12	119	409	942
Base	86	170	GEO_Eqn_6.12b_nls13	-108	-284	1523
Base	86	170	GEO_Eqn_6.12b_nls14	108	-289	1065
Base	86	170	GEO_Eqn_6.12b_nls15	-109	286	1539
Base	86	170	GEO_Eqn_6.12b_nls16	106	280	994
Base	87	169	GEO_Eqn_6.12b_nls01	-367	-72	2321

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	87	169	GEO_Eqn_6.12b_nls02	-367	35	2040
Base	87	169	GEO_Eqn_6.12b_nls03	365	-134	927
Base	87	169	GEO_Eqn_6.12b_nls04	366	76	258
Base	87	169	GEO_Eqn_6.12b_nls05	-360	-119	2441
Base	87	169	GEO_Eqn_6.12b_nls06	-358	93	1868
Base	87	169	GEO_Eqn_6.12b_nls07	358	-87	783
Base	87	169	GEO_Eqn_6.12b_nls08	359	124	115
Base	87	169	GEO_Eqn_6.12b_nls09	-103	-410	2723
Base	87	169	GEO_Eqn_6.12b_nls10	114	-415	2278
Base	87	169	GEO_Eqn_6.12b_nls11	-115	416	497
Base	87	169	GEO_Eqn_6.12b_nls12	102	411	0
Base	87	169	GEO_Eqn_6.12b_nls13	-123	-282	2284
Base	87	169	GEO_Eqn_6.12b_nls14	94	-287	1874
Base	87	169	GEO_Eqn_6.12b_nls15	-96	285	751
Base	87	169	GEO_Eqn_6.12b_nls16	122	279	197
Base	90	165	GEO_Eqn_6.12b_nls01	-16	-5	41
Base	90	165	GEO_Eqn_6.12b_nls02	-16	4	39
Base	90	165	GEO_Eqn_6.12b_nls03	15	-6	219
Base	90	165	GEO_Eqn_6.12b_nls04	14	11	216
Base	90	165	GEO_Eqn_6.12b_nls05	-16	1	38
Base	90	165	GEO_Eqn_6.12b_nls06	-17	18	31
Base	90	165	GEO_Eqn_6.12b_nls07	15	-11	222
Base	90	165	GEO_Eqn_6.12b_nls08	15	5	220
Base	90	165	GEO_Eqn_6.12b_nls09	-4	-19	102
Base	90	165	GEO_Eqn_6.12b_nls10	5	-22	156
Base	90	165	GEO_Eqn_6.12b_nls11	-6	27	87
Base	90	165	GEO_Eqn_6.12b_nls12	3	24	143
Base	90	165	GEO_Eqn_6.12b_nls13	-3	-35	111
Base	90	165	GEO_Eqn_6.12b_nls14	6	-38	164
Base	90	165	GEO_Eqn_6.12b_nls15	-8	41	74
Base	90	165	GEO_Eqn_6.12b_nls16	2	39	131
Base	91	164	GEO_Eqn_6.12b_nls01	-17	-5	133
Base	91	164	GEO_Eqn_6.12b_nls02	-17	4	136
Base	91	164	GEO_Eqn_6.12b_nls03	15	-6	148
Base	91	164	GEO_Eqn_6.12b_nls04	14	11	156
Base	91	164	GEO_Eqn_6.12b_nls05	-20	0	134
Base	91	164	GEO_Eqn_6.12b_nls06	-21	17	140
Base	91	164	GEO_Eqn_6.12b_nls07	18	-11	147
Base	91	164	GEO_Eqn_6.12b_nls08	17	6	154
Base	91	164	GEO_Eqn_6.12b_nls09	-7	-20	132
Base	91	164	GEO_Eqn_6.12b_nls10	3	-22	136
Base	91	164	GEO_Eqn_6.12b_nls11	-5	27	155
Base	91	164	GEO_Eqn_6.12b_nls12	5	25	160
Base	91	164	GEO_Eqn_6.12b_nls13	2	-34	131
Base	91	164	GEO_Eqn_6.12b_nls14	13	-37	134

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	91	164	GEO_Eqn_6.12b_nls15	-14	39	157
Base	91	164	GEO_Eqn_6.12b_nls16	-2	38	163
Base	92	167	GEO_Eqn_6.12b_nls01	-17	-7	138
Base	92	167	GEO_Eqn_6.12b_nls02	-17	-1	140
Base	92	167	GEO_Eqn_6.12b_nls03	15	-5	127
Base	92	167	GEO_Eqn_6.12b_nls04	14	10	132
Base	92	167	GEO_Eqn_6.12b_nls05	-20	-12	137
Base	92	167	GEO_Eqn_6.12b_nls06	-21	2	143
Base	92	167	GEO_Eqn_6.12b_nls07	18	0.4117	128
Base	92	167	GEO_Eqn_6.12b_nls08	17	16	133
Base	92	167	GEO_Eqn_6.12b_nls09	-7	-30	128
Base	92	167	GEO_Eqn_6.12b_nls10	3	-28	125
Base	92	167	GEO_Eqn_6.12b_nls11	-5	31	149
Base	92	167	GEO_Eqn_6.12b_nls12	5	34	146
Base	92	167	GEO_Eqn_6.12b_nls13	2	-15	129
Base	92	167	GEO_Eqn_6.12b_nls14	13	-13	126
Base	92	167	GEO_Eqn_6.12b_nls15	-14	18	147
Base	92	167	GEO_Eqn_6.12b_nls16	-2	21	144
Base	16	30	GEO_Eqn_6.12b_nls01	10	-33	140
Base	16	30	GEO_Eqn_6.12b_nls02	4	-2	124
Base	16	30	GEO_Eqn_6.12b_nls03	9	-12	140
Base	16	30	GEO_Eqn_6.12b_nls04	-1	48	103
Base	16	30	GEO_Eqn_6.12b_nls05	7	-16	131
Base	16	30	GEO_Eqn_6.12b_nls06	-4	44	96
Base	16	30	GEO_Eqn_6.12b_nls07	13	-31	149
Base	16	30	GEO_Eqn_6.12b_nls08	1	32	117
Base	16	30	GEO_Eqn_6.12b_nls09	16	-59	173
Base	16	30	GEO_Eqn_6.12b_nls10	17	-60	178
Base	16	30	GEO_Eqn_6.12b_nls11	-7	64	51
Base	16	30	GEO_Eqn_6.12b_nls12	-6	64	54
Base	16	30	GEO_Eqn_6.12b_nls13	20	-83	205
Base	16	30	GEO_Eqn_6.12b_nls14	21	-85	211
Base	16	30	GEO_Eqn_6.12b_nls15	-10	84	1
Base	16	30	GEO_Eqn_6.12b_nls16	-9	86	1
Base	24	31	GEO_Eqn_6.12b_nls01	-375	-110	2760
Base	24	31	GEO_Eqn_6.12b_nls02	-376	-8	2347
Base	24	31	GEO_Eqn_6.12b_nls03	372	-102	942
Base	24	31	GEO_Eqn_6.12b_nls04	372	102	78
Base	24	31	GEO_Eqn_6.12b_nls05	-357	-104	2676
Base	24	31	GEO_Eqn_6.12b_nls06	-357	100	1842
Base	24	31	GEO_Eqn_6.12b_nls07	353	-109	1036
Base	24	31	GEO_Eqn_6.12b_nls08	353	95	181
Base	24	31	GEO_Eqn_6.12b_nls09	-88	-337	2984
Base	24	31	GEO_Eqn_6.12b_nls10	131	-335	2472
Base	24	31	GEO_Eqn_6.12b_nls11	-133	330	399

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	24	31	GEO_Eqn_6.12b_nls12	86	330	0
Base	24	31	GEO_Eqn_6.12b_nls13	-139	-358	3245
Base	24	31	GEO_Eqn_6.12b_nls14	80	-356	2738
Base	24	31	GEO_Eqn_6.12b_nls15	-82	352	154
Base	24	31	GEO_Eqn_6.12b_nls16	137	352	0
Base	62	171	GEO_Eqn_6.12b_nls01	-352	-126	1635
Base	62	171	GEO_Eqn_6.12b_nls02	-349	-26	1887
Base	62	171	GEO_Eqn_6.12b_nls03	352	-89	1018
Base	62	171	GEO_Eqn_6.12b_nls04	356	112	1470
Base	62	171	GEO_Eqn_6.12b_nls05	-367	-97	1733
Base	62	171	GEO_Eqn_6.12b_nls06	-361	103	2231
Base	62	171	GEO_Eqn_6.12b_nls07	366	-117	944
Base	62	171	GEO_Eqn_6.12b_nls08	371	83	1395
Base	62	171	GEO_Eqn_6.12b_nls09	-133	-307	820
Base	62	171	GEO_Eqn_6.12b_nls10	81	-303	590
Base	62	171	GEO_Eqn_6.12b_nls11	-80	295	2252
Base	62	171	GEO_Eqn_6.12b_nls12	135	298	2018
Base	62	171	GEO_Eqn_6.12b_nls13	-92	-389	522
Base	62	171	GEO_Eqn_6.12b_nls14	123	-385	338
Base	62	171	GEO_Eqn_6.12b_nls15	-123	380	2518
Base	62	171	GEO_Eqn_6.12b_nls16	91	383	2230
Base	63	75	GEO_Eqn_6.12b_nls01	-375	-118	1857
Base	63	75	GEO_Eqn_6.12b_nls02	-376	-17	1483
Base	63	75	GEO_Eqn_6.12b_nls03	372	-96	1970
Base	63	75	GEO_Eqn_6.12b_nls04	372	107	1218
Base	63	75	GEO_Eqn_6.12b_nls05	-357	-100	1815
Base	63	75	GEO_Eqn_6.12b_nls06	-357	102	1057
Base	63	75	GEO_Eqn_6.12b_nls07	353	-113	1998
Base	63	75	GEO_Eqn_6.12b_nls08	353	89	1253
Base	63	75	GEO_Eqn_6.12b_nls09	-88	-322	2701
Base	63	75	GEO_Eqn_6.12b_nls10	131	-319	2751
Base	63	75	GEO_Eqn_6.12b_nls11	-133	312	290
Base	63	75	GEO_Eqn_6.12b_nls12	86	314	315
Base	63	75	GEO_Eqn_6.12b_nls13	-139	-374	2822
Base	63	75	GEO_Eqn_6.12b_nls14	80	-371	2852
Base	63	75	GEO_Eqn_6.12b_nls15	-82	366	145
Base	63	75	GEO_Eqn_6.12b_nls16	137	368	136
Base	138	290	GEO_Eqn_6.12b_nls01	-352	-94	273
Base	138	290	GEO_Eqn_6.12b_nls02	-349	10	443
Base	138	290	GEO_Eqn_6.12b_nls03	352	-115	1849
Base	138	290	GEO_Eqn_6.12b_nls04	356	91	2233
Base	138	290	GEO_Eqn_6.12b_nls05	-367	-110	195
Base	138	290	GEO_Eqn_6.12b_nls06	-361	97	532
Base	138	290	GEO_Eqn_6.12b_nls07	366	-100	1924
Base	138	290	GEO_Eqn_6.12b_nls08	371	107	2305

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	138	290	GEO_Eqn_6.12b_nls09	-133	-367	330
Base	138	290	GEO_Eqn_6.12b_nls10	81	-368	819
Base	138	290	GEO_Eqn_6.12b_nls11	-80	365	1670
Base	138	290	GEO_Eqn_6.12b_nls12	135	363	2176
Base	138	290	GEO_Eqn_6.12b_nls13	-92	-327	558
Base	138	290	GEO_Eqn_6.12b_nls14	123	-328	1031
Base	138	290	GEO_Eqn_6.12b_nls15	-123	325	1459
Base	138	290	GEO_Eqn_6.12b_nls16	91	322	2005
Base	171	283	GEO_Eqn_6.12b_nls01	-375	-94	289
Base	171	283	GEO_Eqn_6.12b_nls02	-376	10	85
Base	171	283	GEO_Eqn_6.12b_nls03	372	-115	2464
Base	171	283	GEO_Eqn_6.12b_nls04	372	91	2047
Base	171	283	GEO_Eqn_6.12b_nls05	-357	-110	370
Base	171	283	GEO_Eqn_6.12b_nls06	-357	97	0.07556
Base	171	283	GEO_Eqn_6.12b_nls07	353	-100	2358
Base	171	283	GEO_Eqn_6.12b_nls08	353	107	1947
Base	171	283	GEO_Eqn_6.12b_nls09	-88	-367	1617
Base	171	283	GEO_Eqn_6.12b_nls10	131	-368	2263
Base	171	283	GEO_Eqn_6.12b_nls11	-133	365	66
Base	171	283	GEO_Eqn_6.12b_nls12	86	363	706
Base	171	283	GEO_Eqn_6.12b_nls13	-139	-327	1368
Base	171	283	GEO_Eqn_6.12b_nls14	80	-328	1988
Base	171	283	GEO_Eqn_6.12b_nls15	-82	325	281
Base	171	283	GEO_Eqn_6.12b_nls16	137	322	951
Base	172	336	GEO_Eqn_6.12b_nls01	-375	-86	1385
Base	172	336	GEO_Eqn_6.12b_nls02	-376	18	1163
Base	172	336	GEO_Eqn_6.12b_nls03	372	-122	1454
Base	172	336	GEO_Eqn_6.12b_nls04	372	86	951
Base	172	336	GEO_Eqn_6.12b_nls05	-357	-113	1426
Base	172	336	GEO_Eqn_6.12b_nls06	-357	96	982
Base	172	336	GEO_Eqn_6.12b_nls07	353	-96	1419
Base	172	336	GEO_Eqn_6.12b_nls08	353	113	926
Base	172	336	GEO_Eqn_6.12b_nls09	-88	-382	1962
Base	172	336	GEO_Eqn_6.12b_nls10	131	-384	2000
Base	172	336	GEO_Eqn_6.12b_nls11	-133	383	420
Base	172	336	GEO_Eqn_6.12b_nls12	86	380	429
Base	172	336	GEO_Eqn_6.12b_nls13	-139	-312	1854
Base	172	336	GEO_Eqn_6.12b_nls14	80	-314	1891
Base	172	336	GEO_Eqn_6.12b_nls15	-82	311	540
Base	172	336	GEO_Eqn_6.12b_nls16	137	307	542
Base	174	333	GEO_Eqn_6.12b_nls01	-188	-45	427
Base	174	333	GEO_Eqn_6.12b_nls02	-188	7	317
Base	174	333	GEO_Eqn_6.12b_nls03	186	-59	1002
Base	174	333	GEO_Eqn_6.12b_nls04	186	44	764
Base	174	333	GEO_Eqn_6.12b_nls05	-178	-56	458

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	174	333	GEO_Eqn_6.12b_nls06	-178	48	234
Base	174	333	GEO_Eqn_6.12b_nls07	177	-49	966
Base	174	333	GEO_Eqn_6.12b_nls08	177	55	732
Base	174	333	GEO_Eqn_6.12b_nls09	-44	-188	915
Base	174	333	GEO_Eqn_6.12b_nls10	65	-188	1090
Base	174	333	GEO_Eqn_6.12b_nls11	-67	187	117
Base	174	333	GEO_Eqn_6.12b_nls12	43	186	283
Base	174	333	GEO_Eqn_6.12b_nls13	-69	-159	824
Base	174	333	GEO_Eqn_6.12b_nls14	40	-160	991
Base	174	333	GEO_Eqn_6.12b_nls15	-41	159	201
Base	174	333	GEO_Eqn_6.12b_nls16	68	157	374
Base	181	334	GEO_Eqn_6.12b_nls01	-185	-45	325
Base	181	334	GEO_Eqn_6.12b_nls02	-185	7	357
Base	181	334	GEO_Eqn_6.12b_nls03	184	-59	758
Base	181	334	GEO_Eqn_6.12b_nls04	184	44	820
Base	181	334	GEO_Eqn_6.12b_nls05	-180	-56	335
Base	181	334	GEO_Eqn_6.12b_nls06	-179	48	399
Base	181	334	GEO_Eqn_6.12b_nls07	178	-49	748
Base	181	334	GEO_Eqn_6.12b_nls08	179	55	811
Base	181	334	GEO_Eqn_6.12b_nls09	-49	-188	392
Base	181	334	GEO_Eqn_6.12b_nls10	60	-188	519
Base	181	334	GEO_Eqn_6.12b_nls11	-60	187	602
Base	181	334	GEO_Eqn_6.12b_nls12	48	186	744
Base	181	334	GEO_Eqn_6.12b_nls13	-64	-159	367
Base	181	334	GEO_Eqn_6.12b_nls14	45	-160	480
Base	181	334	GEO_Eqn_6.12b_nls15	-46	159	637
Base	181	334	GEO_Eqn_6.12b_nls16	63	157	792
Base	182	328	GEO_Eqn_6.12b_nls01	-185	-43	574
Base	182	328	GEO_Eqn_6.12b_nls02	-185	9	603
Base	182	328	GEO_Eqn_6.12b_nls03	184	-61	474
Base	182	328	GEO_Eqn_6.12b_nls04	184	43	513
Base	182	328	GEO_Eqn_6.12b_nls05	-180	-57	570
Base	182	328	GEO_Eqn_6.12b_nls06	-179	48	628
Base	182	328	GEO_Eqn_6.12b_nls07	178	-48	489
Base	182	328	GEO_Eqn_6.12b_nls08	179	56	531
Base	182	328	GEO_Eqn_6.12b_nls09	-49	-191	464
Base	182	328	GEO_Eqn_6.12b_nls10	60	-192	439
Base	182	328	GEO_Eqn_6.12b_nls11	-60	192	686
Base	182	328	GEO_Eqn_6.12b_nls12	48	190	659
Base	182	328	GEO_Eqn_6.12b_nls13	-64	-156	490
Base	182	328	GEO_Eqn_6.12b_nls14	45	-157	468
Base	182	328	GEO_Eqn_6.12b_nls15	-46	155	681
Base	182	328	GEO_Eqn_6.12b_nls16	63	154	655
Base	257	891	GEO_Eqn_6.12b_nls01	-375	-79	2473
Base	257	891	GEO_Eqn_6.12b_nls02	-376	27	2255

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	257	891	GEO_Eqn_6.12b_nls03	372	-128	350
Base	257	891	GEO_Eqn_6.12b_nls04	372	81	0.1337
Base	257	891	GEO_Eqn_6.12b_nls05	-357	-117	2471
Base	257	891	GEO_Eqn_6.12b_nls06	-357	95	2044
Base	257	891	GEO_Eqn_6.12b_nls07	353	-91	395
Base	257	891	GEO_Eqn_6.12b_nls08	353	118	0.1176
Base	257	891	GEO_Eqn_6.12b_nls09	-88	-397	2209
Base	257	891	GEO_Eqn_6.12b_nls10	131	-401	1612
Base	257	891	GEO_Eqn_6.12b_nls11	-133	401	809
Base	257	891	GEO_Eqn_6.12b_nls12	86	396	194
Base	257	891	GEO_Eqn_6.12b_nls13	-139	-296	2264
Base	257	891	GEO_Eqn_6.12b_nls14	80	-300	1692
Base	257	891	GEO_Eqn_6.12b_nls15	-82	297	844
Base	257	891	GEO_Eqn_6.12b_nls16	137	292	172
Base	279	550	GEO_Eqn_6.12b_nls01	-16	-5	91
Base	279	550	GEO_Eqn_6.12b_nls02	-17	4	113
Base	279	550	GEO_Eqn_6.12b_nls03	15	-6	137
Base	279	550	GEO_Eqn_6.12b_nls04	14	11	174
Base	279	550	GEO_Eqn_6.12b_nls05	-18	0.3726	97
Base	279	550	GEO_Eqn_6.12b_nls06	-19	17	137
Base	279	550	GEO_Eqn_6.12b_nls07	16	-11	130
Base	279	550	GEO_Eqn_6.12b_nls08	16	6	168
Base	279	550	GEO_Eqn_6.12b_nls09	-5	-19	62
Base	279	550	GEO_Eqn_6.12b_nls10	4	-22	72
Base	279	550	GEO_Eqn_6.12b_nls11	-6	27	186
Base	279	550	GEO_Eqn_6.12b_nls12	4	25	197
Base	279	550	GEO_Eqn_6.12b_nls13	-1	-34	44
Base	279	550	GEO_Eqn_6.12b_nls14	9	-37	52
Base	279	550	GEO_Eqn_6.12b_nls15	-10	40	200
Base	279	550	GEO_Eqn_6.12b_nls16	0.2425	39	213
Base	295	634	GEO_Eqn_6.12b_nls01	-16	-7	141
Base	295	634	GEO_Eqn_6.12b_nls02	-17	-1	157
Base	295	634	GEO_Eqn_6.12b_nls03	15	-5	87
Base	295	634	GEO_Eqn_6.12b_nls04	14	10	128
Base	295	634	GEO_Eqn_6.12b_nls05	-18	-12	134
Base	295	634	GEO_Eqn_6.12b_nls06	-19	2	170
Base	295	634	GEO_Eqn_6.12b_nls07	17	1	95
Base	295	634	GEO_Eqn_6.12b_nls08	16	16	135
Base	295	634	GEO_Eqn_6.12b_nls09	-5	-30	63
Base	295	634	GEO_Eqn_6.12b_nls10	4	-28	48
Base	295	634	GEO_Eqn_6.12b_nls11	-6	31	210
Base	295	634	GEO_Eqn_6.12b_nls12	4	34	198
Base	295	634	GEO_Eqn_6.12b_nls13	-1	-15	84
Base	295	634	GEO_Eqn_6.12b_nls14	9	-13	69
Base	295	634	GEO_Eqn_6.12b_nls15	-10	17	195

TABLE: Joint Reactions

Story	Label	Unique Name	Output Case	kN FX	kN FY	kN FZ
Base	295	634	GEO_Eqn_6.12b_nls16	0.2184	21	184

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B19	19	GEO_Eqn_6.12b_nls01	0	0.2	247.0	-0.1	90.0	-0.1	-106.0
B19	19	GEO_Eqn_6.12b_nls01	355.72	0.2	255.0	-0.1	90.0	0.0	-196.0
B19	19	GEO_Eqn_6.12b_nls01	711.44	0.2	263.0	-0.1	90.0	0.0	-288.0
B19	19	GEO_Eqn_6.12b_nls01	1067.16	0.2	271.0	-0.1	90.0	0.1	-383.0
B19	19	GEO_Eqn_6.12b_nls01	1067.16	-0.2	288.0	0.0	99.0	0.0	-384.0
B19	19	GEO_Eqn_6.12b_nls01	1422.88	-0.2	295.0	0.1	99.0	0.0	-487.0
B19	19	GEO_Eqn_6.12b_nls01	1778.6	-0.2	303.0	0.1	99.0	0.0	-594.0
B19	19	GEO_Eqn_6.12b_nls01	2134.31	-0.2	311.0	0.1	99.0	0.0	-703.0
B19	19	GEO_Eqn_6.12b_nls02	0	0.3	218.0	0.0	86.0	0.0	-145.0
B19	19	GEO_Eqn_6.12b_nls02	355.72	0.3	225.0	0.0	86.0	0.0	-224.0
B19	19	GEO_Eqn_6.12b_nls02	711.44	0.3	233.0	0.0	86.0	0.0	-306.0
B19	19	GEO_Eqn_6.12b_nls02	1067.16	0.3	241.0	0.0	86.0	0.0	-390.0
B19	19	GEO_Eqn_6.12b_nls02	1067.16	-0.3	258.0	-0.1	95.0	-0.1	-391.0
B19	19	GEO_Eqn_6.12b_nls02	1422.88	-0.3	265.0	-0.1	95.0	0.0	-484.0
B19	19	GEO_Eqn_6.12b_nls02	1778.6	-0.3	273.0	-0.1	95.0	0.0	-579.0
B19	19	GEO_Eqn_6.12b_nls02	2134.31	-0.3	281.0	-0.1	95.0	0.0	-678.0
B19	19	GEO_Eqn_6.12b_nls03	0	-1.0	-105.0	0.0	77.0	0.0	-418.0
B19	19	GEO_Eqn_6.12b_nls03	355.72	-1.0	-97.0	0.0	77.0	0.0	-382.0
B19	19	GEO_Eqn_6.12b_nls03	711.44	-1.0	-89.0	0.0	77.0	0.0	-349.0
B19	19	GEO_Eqn_6.12b_nls03	1067.16	-1.0	-82.0	0.0	77.0	-0.1	-318.0
B19	19	GEO_Eqn_6.12b_nls03	1067.16	1.0	-62.0	0.1	92.0	0.1	-318.0
B19	19	GEO_Eqn_6.12b_nls03	1422.88	1.0	-54.0	0.1	92.0	0.1	-297.0
B19	19	GEO_Eqn_6.12b_nls03	1778.6	1.0	-47.0	0.1	92.0	0.0	-279.0
B19	19	GEO_Eqn_6.12b_nls03	2134.31	1.0	-39.0	0.1	92.0	0.0	-264.0
B19	19	GEO_Eqn_6.12b_nls04	0	-0.4	-168.0	0.3	69.0	0.1	-495.0
B19	19	GEO_Eqn_6.12b_nls04	355.72	-0.4	-160.0	0.3	69.0	0.0	-437.0
B19	19	GEO_Eqn_6.12b_nls04	711.44	-0.4	-153.0	0.3	69.0	-0.1	-381.0
B19	19	GEO_Eqn_6.12b_nls04	1067.16	-0.4	-145.0	0.3	69.0	-0.2	-328.0
B19	19	GEO_Eqn_6.12b_nls04	1067.16	0.4	-126.0	-0.2	84.0	-0.1	-328.0
B19	19	GEO_Eqn_6.12b_nls04	1422.88	0.4	-118.0	-0.2	84.0	0.0	-284.0
B19	19	GEO_Eqn_6.12b_nls04	1778.6	0.4	-110.0	-0.2	84.0	0.1	-244.0
B19	19	GEO_Eqn_6.12b_nls04	2134.31	0.4	-103.0	-0.2	84.0	0.1	-206.0
B19	19	GEO_Eqn_6.12b_nls05	0	0.2	242.0	-0.1	87.0	0.0	-118.0
B19	19	GEO_Eqn_6.12b_nls05	355.72	0.3	250.0	-0.1	87.0	0.0	-205.0
B19	19	GEO_Eqn_6.12b_nls05	711.44	0.3	258.0	-0.1	87.0	0.0	-296.0
B19	19	GEO_Eqn_6.12b_nls05	1067.16	0.3	265.0	-0.1	87.0	0.1	-389.0
B19	19	GEO_Eqn_6.12b_nls05	1067.16	-0.3	282.0	0.0	96.0	0.0	-390.0
B19	19	GEO_Eqn_6.12b_nls05	1422.88	-0.3	290.0	0.0	96.0	0.0	-491.0
B19	19	GEO_Eqn_6.12b_nls05	1778.6	-0.3	298.0	0.0	96.0	0.0	-596.0
B19	19	GEO_Eqn_6.12b_nls05	2134.31	-0.2	305.0	0.0	96.0	0.0	-703.0
B19	19	GEO_Eqn_6.12b_nls06	0	1.0	193.0	0.2	78.0	0.2	-183.0
B19	19	GEO_Eqn_6.12b_nls06	355.72	1.0	201.0	0.2	78.0	0.1	-253.0
B19	19	GEO_Eqn_6.12b_nls06	711.44	1.0	208.0	0.2	78.0	0.0	-326.0
B19	19	GEO_Eqn_6.12b_nls06	1067.16	1.0	216.0	0.2	78.0	-0.1	-402.0
B19	19	GEO_Eqn_6.12b_nls06	1067.16	-1.0	233.0	-0.4	87.0	-0.3	-402.0
B19	19	GEO_Eqn_6.12b_nls06	1422.88	-1.0	240.0	-0.4	87.0	-0.1	-487.0
B19	19	GEO_Eqn_6.12b_nls06	1778.6	-1.0	248.0	-0.4	87.0	0.0	-574.0
B19	19	GEO_Eqn_6.12b_nls06	2134.31	-1.0	256.0	-0.4	87.0	0.2	-663.0
B19	19	GEO_Eqn_6.12b_nls07	0	-1.0	-97.0	0.0	81.0	0.0	-404.0
B19	19	GEO_Eqn_6.12b_nls07	355.72	-1.0	-89.0	0.0	81.0	0.0	-371.0
B19	19	GEO_Eqn_6.12b_nls07	711.44	-1.0	-81.0	0.0	81.0	0.0	-341.0
B19	19	GEO_Eqn_6.12b_nls07	1067.16	-1.0	-74.0	0.0	81.0	-0.1	-313.0
B19	19	GEO_Eqn_6.12b_nls07	1067.16	1.0	-54.0	0.2	95.0	0.1	-313.0
B19	19	GEO_Eqn_6.12b_nls07	1422.88	1.0	-47.0	0.2	95.0	0.1	-295.0
B19	19	GEO_Eqn_6.12b_nls07	1778.6	1.0	-39.0	0.2	95.0	0.0	-280.0
B19	19	GEO_Eqn_6.12b_nls07	2134.31	1.0	-31.0	0.2	95.0	0.0	-268.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B19	19	GEO_Eqn_6.12b_nls08	0	-1.0	-163.0	0.2	74.0	0.1	-486.0
B19	19	GEO_Eqn_6.12b_nls08	355.72	-1.0	-156.0	0.2	74.0	0.0	-429.0
B19	19	GEO_Eqn_6.12b_nls08	711.44	-1.0	-148.0	0.2	74.0	-0.1	-375.0
B19	19	GEO_Eqn_6.12b_nls08	1067.16	-1.0	-140.0	0.2	74.0	-0.1	-324.0
B19	19	GEO_Eqn_6.12b_nls08	1067.16	1.0	-121.0	-0.1	88.0	0.0	-323.0
B19	19	GEO_Eqn_6.12b_nls08	1422.88	1.0	-113.0	-0.1	88.0	0.0	-282.0
B19	19	GEO_Eqn_6.12b_nls08	1778.6	1.0	-106.0	-0.1	88.0	0.0	-243.0
B19	19	GEO_Eqn_6.12b_nls08	2134.31	1.0	-98.0	0.0	88.0	0.1	-206.0
B19	19	GEO_Eqn_6.12b_nls09	0	0.0	185.0	-0.2	93.0	-0.1	-147.0
B19	19	GEO_Eqn_6.12b_nls09	355.72	0.0	192.0	-0.2	93.0	0.0	-214.0
B19	19	GEO_Eqn_6.12b_nls09	711.44	0.0	200.0	-0.2	93.0	0.0	-283.0
B19	19	GEO_Eqn_6.12b_nls09	1067.16	0.0	208.0	-0.2	93.0	0.1	-356.0
B19	19	GEO_Eqn_6.12b_nls09	1067.16	0.0	226.0	0.2	103.0	0.1	-357.0
B19	19	GEO_Eqn_6.12b_nls09	1422.88	0.0	233.0	0.2	103.0	0.0	-438.0
B19	19	GEO_Eqn_6.12b_nls09	1778.6	0.0	241.0	0.2	103.0	0.0	-523.0
B19	19	GEO_Eqn_6.12b_nls09	2134.31	0.0	249.0	0.2	103.0	-0.1	-610.0
B19	19	GEO_Eqn_6.12b_nls10	0	-0.3	87.0	-0.2	91.0	-0.1	-231.0
B19	19	GEO_Eqn_6.12b_nls10	355.72	-0.3	94.0	-0.2	91.0	0.0	-263.0
B19	19	GEO_Eqn_6.12b_nls10	711.44	-0.3	102.0	-0.2	91.0	0.0	-298.0
B19	19	GEO_Eqn_6.12b_nls10	1067.16	-0.3	110.0	-0.2	91.0	0.1	-335.0
B19	19	GEO_Eqn_6.12b_nls10	1067.16	0.3	128.0	0.2	103.0	0.1	-336.0
B19	19	GEO_Eqn_6.12b_nls10	1422.88	0.3	136.0	0.2	103.0	0.1	-383.0
B19	19	GEO_Eqn_6.12b_nls10	1778.6	0.3	144.0	0.2	103.0	0.0	-432.0
B19	19	GEO_Eqn_6.12b_nls10	2134.31	0.3	151.0	0.2	103.0	-0.1	-485.0
B19	19	GEO_Eqn_6.12b_nls11	0	1.0	17.0	1.0	73.0	0.3	-355.0
B19	19	GEO_Eqn_6.12b_nls11	355.72	1.0	25.0	1.0	73.0	0.1	-362.0
B19	19	GEO_Eqn_6.12b_nls11	711.44	1.0	32.0	1.0	73.0	0.0	-372.0
B19	19	GEO_Eqn_6.12b_nls11	1067.16	1.0	40.0	1.0	73.0	-0.2	-385.0
B19	19	GEO_Eqn_6.12b_nls11	1067.16	-1.0	57.0	-1.0	84.0	-0.4	-386.0
B19	19	GEO_Eqn_6.12b_nls11	1422.88	-1.0	65.0	-1.0	84.0	-0.2	-407.0
B19	19	GEO_Eqn_6.12b_nls11	1778.6	-1.0	73.0	-1.0	84.0	0.1	-432.0
B19	19	GEO_Eqn_6.12b_nls11	2134.31	-1.0	80.0	-1.0	84.0	0.3	-459.0
B19	19	GEO_Eqn_6.12b_nls12	0	0.5	-91.0	1.0	71.0	0.3	-447.0
B19	19	GEO_Eqn_6.12b_nls12	355.72	0.5	-84.0	1.0	71.0	0.1	-415.0
B19	19	GEO_Eqn_6.12b_nls12	711.44	1.0	-76.0	1.0	71.0	-0.1	-387.0
B19	19	GEO_Eqn_6.12b_nls12	1067.16	1.0	-68.0	1.0	71.0	-0.3	-362.0
B19	19	GEO_Eqn_6.12b_nls12	1067.16	-1.0	-50.0	-1.0	84.0	-0.4	-361.0
B19	19	GEO_Eqn_6.12b_nls12	1422.88	-1.0	-42.0	-1.0	84.0	-0.1	-345.0
B19	19	GEO_Eqn_6.12b_nls12	1778.6	-0.5	-35.0	-1.0	84.0	0.1	-331.0
B19	19	GEO_Eqn_6.12b_nls12	2134.31	-0.5	-27.0	-1.0	84.0	0.3	-320.0
B19	19	GEO_Eqn_6.12b_nls13	0	-0.1	203.0	-0.3	103.0	-0.2	-109.0
B19	19	GEO_Eqn_6.12b_nls13	355.72	-0.1	211.0	-0.3	103.0	0.0	-183.0
B19	19	GEO_Eqn_6.12b_nls13	711.44	-0.1	219.0	-0.3	103.0	0.1	-259.0
B19	19	GEO_Eqn_6.12b_nls13	1067.16	-0.1	226.0	-0.3	103.0	0.2	-338.0
B19	19	GEO_Eqn_6.12b_nls13	1067.16	0.1	244.0	0.3	114.0	0.1	-339.0
B19	19	GEO_Eqn_6.12b_nls13	1422.88	0.1	252.0	0.3	114.0	0.0	-427.0
B19	19	GEO_Eqn_6.12b_nls13	1778.6	0.1	260.0	0.3	114.0	-0.1	-518.0
B19	19	GEO_Eqn_6.12b_nls13	2134.31	0.1	268.0	0.3	114.0	-0.2	-612.0
B19	19	GEO_Eqn_6.12b_nls14	0	-0.5	105.0	-0.3	101.0	-0.2	-195.0
B19	19	GEO_Eqn_6.12b_nls14	355.72	-0.5	113.0	-0.3	101.0	-0.1	-234.0
B19	19	GEO_Eqn_6.12b_nls14	711.44	-0.5	121.0	-0.3	101.0	0.0	-275.0
B19	19	GEO_Eqn_6.12b_nls14	1067.16	-0.5	129.0	-0.3	101.0	0.1	-320.0
B19	19	GEO_Eqn_6.12b_nls14	1067.16	0.5	148.0	0.3	113.0	0.2	-320.0
B19	19	GEO_Eqn_6.12b_nls14	1422.88	0.5	155.0	0.3	113.0	0.1	-374.0
B19	19	GEO_Eqn_6.12b_nls14	1778.6	0.5	163.0	0.4	113.0	0.0	-430.0
B19	19	GEO_Eqn_6.12b_nls14	2134.31	0.5	171.0	0.4	113.0	-0.2	-490.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B19	19	GEO_Eqn_6.12b_nls15	0	1.0	15.0	1.0	62.0	0.5	-372.0
B19	19	GEO_Eqn_6.12b_nls15	355.72	1.0	23.0	1.0	62.0	0.2	-379.0
B19	19	GEO_Eqn_6.12b_nls15	711.44	1.0	30.0	1.0	62.0	-0.1	-388.0
B19	19	GEO_Eqn_6.12b_nls15	1067.16	1.0	38.0	1.0	62.0	-0.3	-400.0
B19	19	GEO_Eqn_6.12b_nls15	1067.16	-1.0	55.0	-1.0	73.0	-1.0	-401.0
B19	19	GEO_Eqn_6.12b_nls15	1422.88	-1.0	63.0	-1.0	73.0	-0.2	-422.0
B19	19	GEO_Eqn_6.12b_nls15	1778.6	-1.0	70.0	-1.0	73.0	0.1	-445.0
B19	19	GEO_Eqn_6.12b_nls15	2134.31	-1.0	78.0	-1.0	73.0	0.5	-472.0
B19	19	GEO_Eqn_6.12b_nls16	0	1.0	-100.0	1.0	60.0	0.4	-468.0
B19	19	GEO_Eqn_6.12b_nls16	355.72	1.0	-92.0	1.0	60.0	0.2	-434.0
B19	19	GEO_Eqn_6.12b_nls16	711.44	1.0	-84.0	1.0	60.0	-0.1	-403.0
B19	19	GEO_Eqn_6.12b_nls16	1067.16	1.0	-76.0	1.0	60.0	-0.4	-374.0
B19	19	GEO_Eqn_6.12b_nls16	1067.16	-1.0	-59.0	-1.0	73.0	-1.0	-374.0
B19	19	GEO_Eqn_6.12b_nls16	1422.88	-1.0	-51.0	-1.0	73.0	-0.2	-354.0
B19	19	GEO_Eqn_6.12b_nls16	1778.6	-1.0	-43.0	-1.0	73.0	0.1	-338.0
B19	19	GEO_Eqn_6.12b_nls16	2134.31	-1.0	-36.0	-1.0	73.0	0.5	-324.0
B49	866	GEO_Eqn_6.12b_nls01	0	0.0	-10.0	0.0	-9.0	0.0	34.0
B49	866	GEO_Eqn_6.12b_nls01	460	0.0	-4.0	0.0	-9.0	0.0	37.0
B49	866	GEO_Eqn_6.12b_nls01	920	0.0	2.0	0.0	-9.0	0.0	38.0
B49	866	GEO_Eqn_6.12b_nls01	1380	0.0	8.0	0.0	-9.0	0.0	35.0
B49	866	GEO_Eqn_6.12b_nls01	1840	0.0	13.0	0.0	-9.0	0.0	31.0
B49	866	GEO_Eqn_6.12b_nls01	2300	0.0	19.0	0.0	-9.0	0.0	23.0
B49	866	GEO_Eqn_6.12b_nls01	2760	0.0	25.0	0.0	-9.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls01	3220	0.0	31.0	0.0	-9.0	0.0	-0.1
B49	866	GEO_Eqn_6.12b_nls01	3680	0.0	37.0	0.0	-9.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls01	4140	0.0	43.0	0.0	-9.0	0.0	-34.0
B49	866	GEO_Eqn_6.12b_nls01	4600	0.0	49.0	0.0	-9.0	0.0	-55.0
B49	866	GEO_Eqn_6.12b_nls01	4600	0.0	-37.0	0.0	-3.0	0.0	-40.0
B49	866	GEO_Eqn_6.12b_nls01	5088.89	0.0	-31.0	0.0	-3.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls01	5577.78	0.0	-24.0	0.0	-3.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls01	6066.67	0.0	-18.0	0.0	-3.0	0.0	0.1
B49	866	GEO_Eqn_6.12b_nls01	6555.56	0.0	-12.0	0.0	-3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls01	7044.44	0.0	-6.0	0.0	-3.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls01	7533.33	0.0	0.4	0.0	-3.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls01	8022.22	0.0	7.0	0.0	-3.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls01	8511.11	0.0	13.0	0.0	-3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls01	9000	0.0	19.0	0.0	-3.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls01	9000	0.0	-11.0	0.0	-2.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls01	9488.89	0.0	-5.0	0.0	-2.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls01	9977.78	0.0	1.0	0.0	-2.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls01	10466.67	0.0	7.0	0.0	-2.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls01	10955.56	0.0	14.0	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls01	11444.44	0.0	20.0	0.0	-2.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls01	11933.33	0.0	26.0	0.0	-2.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls01	12422.22	0.0	32.0	0.0	-2.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls01	12911.11	0.0	39.0	0.0	-2.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls01	13400	0.0	45.0	0.0	-2.0	0.0	-57.0
B49	866	GEO_Eqn_6.12b_nls01	13400	0.0	-37.0	0.0	1.0	0.0	-40.0
B49	866	GEO_Eqn_6.12b_nls01	13888.89	0.0	-31.0	0.0	1.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls01	14377.78	0.0	-24.0	0.0	1.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls01	14866.67	0.0	-18.0	0.0	1.0	0.0	0.2
B49	866	GEO_Eqn_6.12b_nls01	15355.56	0.0	-12.0	0.0	1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls01	15844.44	0.0	-6.0	0.0	1.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls01	16333.33	0.0	1.0	0.0	1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls01	16822.22	0.0	7.0	0.0	1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls01	17311.11	0.0	13.0	0.0	1.0	0.0	7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls01	17800	0.0	19.0	0.0	1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls01	17800	0.0	-12.0	0.0	1.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls01	18288.89	0.0	-5.0	0.0	1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls01	18777.78	0.0	1.0	0.0	1.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls01	19266.67	0.0	7.0	0.0	1.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls01	19755.56	0.0	13.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls01	20244.44	0.0	20.0	0.0	1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls01	20733.33	0.0	26.0	0.0	1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls01	21222.22	0.0	32.0	0.0	1.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls01	21711.11	0.0	38.0	0.0	1.0	0.0	-36.0
B49	866	GEO_Eqn_6.12b_nls01	22200	0.0	44.0	0.0	1.0	0.0	-56.0
B49	866	GEO_Eqn_6.12b_nls01	22200	0.0	-35.0	0.0	3.0	0.0	-39.0
B49	866	GEO_Eqn_6.12b_nls01	22688.89	0.0	-29.0	0.0	3.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls01	23177.78	0.0	-23.0	0.0	3.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls01	23666.67	0.0	-16.0	0.0	3.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls01	24155.56	0.0	-10.0	0.0	3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls01	24644.44	0.0	-4.0	0.0	3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls01	25133.33	0.0	2.0	0.0	3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls01	25622.22	0.0	9.0	0.0	3.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls01	26111.11	0.0	15.0	0.0	3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls01	26600	0.0	21.0	0.0	3.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls01	26600	0.0	-18.0	0.0	3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls01	27088.89	0.0	-12.0	0.0	3.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls01	27577.78	0.0	-6.0	0.0	3.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls01	28066.67	0.0	1.0	0.0	3.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls01	28555.56	0.0	7.0	0.0	3.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls01	29044.44	0.0	13.0	0.0	3.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls01	29533.33	0.0	19.0	0.0	3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls01	30022.22	0.0	26.0	0.0	3.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls01	30511.11	0.0	32.0	0.0	3.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls01	31000	0.0	38.0	0.0	3.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls01	31000	0.0	-26.0	0.0	5.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls01	31488.89	0.0	-20.0	0.0	5.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls01	31977.78	0.0	-13.0	0.0	5.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls01	32466.67	0.0	-7.0	0.0	5.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls01	32955.56	0.0	-1.0	0.0	5.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls01	33444.44	0.0	5.0	0.0	5.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls01	33933.33	0.0	12.0	0.0	5.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls01	34422.22	0.0	18.0	0.0	5.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls01	34911.11	0.0	24.0	0.0	5.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls01	35400	0.0	30.0	0.0	5.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls01	35400	0.0	-21.0	0.0	8.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls01	35850	0.0	-15.0	0.0	8.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls01	36300	0.0	-10.0	0.0	8.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls01	36750	0.0	-4.0	0.0	8.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls01	37200	0.0	2.0	0.0	8.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls01	37650	0.0	8.0	0.0	8.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls01	38100	0.0	13.0	0.0	8.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls01	38550	0.0	19.0	0.0	8.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls01	39000	0.0	25.0	0.0	8.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls01	39450	0.0	31.0	0.0	8.0	0.0	-28.0
B49	866	GEO_Eqn_6.12b_nls02	0	0.0	-10.0	0.0	-6.0	0.0	33.0
B49	866	GEO_Eqn_6.12b_nls02	460	0.0	-4.0	0.0	-6.0	0.0	36.0
B49	866	GEO_Eqn_6.12b_nls02	920	0.0	2.0	0.0	-6.0	0.0	37.0
B49	866	GEO_Eqn_6.12b_nls02	1380	0.0	7.0	0.0	-6.0	0.0	35.0
B49	866	GEO_Eqn_6.12b_nls02	1840	0.0	13.0	0.0	-6.0	0.0	30.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls02	2300	0.0	19.0	0.0	-6.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls02	2760	0.0	25.0	0.0	-6.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls02	3220	0.0	31.0	0.0	-6.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls02	3680	0.0	37.0	0.0	-6.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls02	4140	0.0	43.0	0.0	-6.0	0.0	-35.0
B49	866	GEO_Eqn_6.12b_nls02	4600	0.0	49.0	0.0	-6.0	0.0	-56.0
B49	866	GEO_Eqn_6.12b_nls02	4600	0.0	-37.0	0.0	-2.0	0.0	-41.0
B49	866	GEO_Eqn_6.12b_nls02	5088.89	0.0	-31.0	0.0	-2.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls02	5577.78	0.0	-25.0	0.0	-2.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls02	6066.67	0.0	-18.0	0.0	-2.0	0.0	0.2
B49	866	GEO_Eqn_6.12b_nls02	6555.56	0.0	-12.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls02	7044.44	0.0	-6.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls02	7533.33	0.0	0.3	0.0	-2.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls02	8022.22	0.0	6.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls02	8511.11	0.0	13.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls02	9000	0.0	19.0	0.0	-2.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls02	9000	0.0	-11.0	0.0	-1.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls02	9488.89	0.0	-5.0	0.0	-1.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls02	9977.78	0.0	2.0	0.0	-1.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls02	10466.67	0.0	8.0	0.0	-1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls02	10955.56	0.0	14.0	0.0	-1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls02	11444.44	0.0	20.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls02	11933.33	0.0	27.0	0.0	-1.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls02	12422.22	0.0	33.0	0.0	-1.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls02	12911.11	0.0	39.0	0.0	-1.0	0.0	-38.0
B49	866	GEO_Eqn_6.12b_nls02	13400	0.0	45.0	0.0	-1.0	0.0	-59.0
B49	866	GEO_Eqn_6.12b_nls02	13400	0.0	-37.0	0.0	1.0	0.0	-41.0
B49	866	GEO_Eqn_6.12b_nls02	13888.89	0.0	-31.0	0.0	1.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls02	14377.78	0.0	-25.0	0.0	1.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls02	14866.67	0.0	-18.0	0.0	1.0	0.0	0.0
B49	866	GEO_Eqn_6.12b_nls02	15355.56	0.0	-12.0	0.0	1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls02	15844.44	0.0	-6.0	0.0	1.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls02	16333.33	0.0	0.2	0.0	1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls02	16822.22	0.0	6.0	0.0	1.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls02	17311.11	0.0	13.0	0.0	1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls02	17800	0.0	19.0	0.0	1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls02	17800	0.0	-11.0	0.0	1.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls02	18288.89	0.0	-5.0	0.0	1.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls02	18777.78	0.0	1.0	0.0	1.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls02	19266.67	0.0	8.0	0.0	1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls02	19755.56	0.0	14.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls02	20244.44	0.0	20.0	0.0	1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls02	20733.33	0.0	26.0	0.0	1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls02	21222.22	0.0	33.0	0.0	1.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls02	21711.11	0.0	39.0	0.0	1.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls02	22200	0.0	45.0	0.0	1.0	0.0	-58.0
B49	866	GEO_Eqn_6.12b_nls02	22200	0.0	-35.0	0.0	3.0	0.0	-40.0
B49	866	GEO_Eqn_6.12b_nls02	22688.89	0.0	-29.0	0.0	3.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls02	23177.78	0.0	-23.0	0.0	3.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls02	23666.67	0.0	-17.0	0.0	3.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls02	24155.56	0.0	-10.0	0.0	3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls02	24644.44	0.0	-4.0	0.0	3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls02	25133.33	0.0	2.0	0.0	3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls02	25622.22	0.0	8.0	0.0	3.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls02	26111.11	0.0	15.0	0.0	3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls02	26600	0.0	21.0	0.0	3.0	0.0	-8.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls02	26600	0.0	-18.0	0.0	3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls02	27088.89	0.0	-12.0	0.0	3.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls02	27577.78	0.0	-5.0	0.0	3.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls02	28066.67	0.0	1.0	0.0	3.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls02	28555.56	0.0	7.0	0.0	3.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls02	29044.44	0.0	13.0	0.0	3.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls02	29533.33	0.0	20.0	0.0	3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls02	30022.22	0.0	26.0	0.0	3.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls02	30511.11	0.0	32.0	0.0	3.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls02	31000	0.0	38.0	0.0	3.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls02	31000	0.0	-26.0	0.0	4.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls02	31488.89	0.0	-20.0	0.0	4.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls02	31977.78	0.0	-13.0	0.0	4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls02	32466.67	0.0	-7.0	0.0	4.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls02	32955.56	0.0	-1.0	0.0	4.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls02	33444.44	0.0	5.0	0.0	4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls02	33933.33	0.0	12.0	0.0	4.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls02	34422.22	0.0	18.0	0.0	4.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls02	34911.11	0.0	24.0	0.0	4.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls02	35400	0.0	30.0	0.0	4.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls02	35400	0.0	-21.0	0.0	5.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls02	35850	0.0	-15.0	0.0	5.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls02	36300	0.0	-9.0	0.0	5.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls02	36750	0.0	-3.0	0.0	5.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls02	37200	0.0	2.0	0.0	5.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls02	37650	0.0	8.0	0.0	5.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls02	38100	0.0	14.0	0.0	5.0	0.0	0.5
B49	866	GEO_Eqn_6.12b_nls02	38550	0.0	20.0	0.0	5.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls02	39000	0.0	25.0	0.0	5.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls02	39450	0.0	31.0	0.0	5.0	0.0	-30.0
B49	866	GEO_Eqn_6.12b_nls03	0	0.0	-30.0	0.0	-9.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls03	460	0.0	-24.0	0.0	-9.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls03	920	0.0	-19.0	0.0	-9.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls03	1380	0.0	-13.0	0.0	-9.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls03	1840	0.0	-7.0	0.0	-9.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls03	2300	0.0	-1.0	0.0	-9.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls03	2760	0.0	5.0	0.0	-9.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls03	3220	0.0	11.0	0.0	-9.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls03	3680	0.0	17.0	0.0	-9.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls03	4140	0.0	23.0	0.0	-9.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls03	4600	0.0	28.0	0.0	-9.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls03	4600	0.0	-37.0	0.0	-6.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls03	5088.89	0.0	-31.0	0.0	-6.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls03	5577.78	0.0	-25.0	0.0	-6.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls03	6066.67	0.0	-18.0	0.0	-6.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls03	6555.56	0.0	-12.0	0.0	-6.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls03	7044.44	0.0	-6.0	0.0	-6.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls03	7533.33	0.0	0.2	0.0	-6.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls03	8022.22	0.0	6.0	0.0	-6.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls03	8511.11	0.0	13.0	0.0	-6.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls03	9000	0.0	19.0	0.0	-6.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls03	9000	0.0	-22.0	0.0	-5.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls03	9488.89	0.0	-16.0	0.0	-5.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls03	9977.78	0.0	-10.0	0.0	-5.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls03	10466.67	0.0	-3.0	0.0	-5.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls03	10955.56	0.0	3.0	0.0	-5.0	0.0	9.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls03	11444.44	0.0	9.0	0.0	-5.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls03	11933.33	0.0	15.0	0.0	-5.0	0.0	-0.4
B49	866	GEO_Eqn_6.12b_nls03	12422.22	0.0	22.0	0.0	-5.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls03	12911.11	0.0	28.0	0.0	-5.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls03	13400	0.0	34.0	0.0	-5.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls03	13400	0.0	-43.0	0.0	-2.0	0.0	-52.0
B49	866	GEO_Eqn_6.12b_nls03	13888.89	0.0	-36.0	0.0	-2.0	0.0	-33.0
B49	866	GEO_Eqn_6.12b_nls03	14377.78	0.0	-30.0	0.0	-2.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls03	14866.67	0.0	-24.0	0.0	-2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls03	15355.56	0.0	-18.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls03	15844.44	0.0	-11.0	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls03	16333.33	0.0	-5.0	0.0	-2.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls03	16822.22	0.0	1.0	0.0	-2.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls03	17311.11	0.0	7.0	0.0	-2.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls03	17800	0.0	13.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls03	17800	0.0	-20.0	0.0	-3.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls03	18288.89	0.0	-14.0	0.0	-3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls03	18777.78	0.0	-8.0	0.0	-3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls03	19266.67	0.0	-2.0	0.0	-3.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls03	19755.56	0.0	5.0	0.0	-3.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls03	20244.44	0.0	11.0	0.0	-3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls03	20733.33	0.0	17.0	0.0	-3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls03	21222.22	0.0	23.0	0.0	-3.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls03	21711.11	0.0	30.0	0.0	-3.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls03	22200	0.0	36.0	0.0	-3.0	0.0	-38.0
B49	866	GEO_Eqn_6.12b_nls03	22200	0.0	-43.0	0.0	-0.2	0.0	-53.0
B49	866	GEO_Eqn_6.12b_nls03	22688.89	0.0	-36.0	0.0	-0.2	0.0	-33.0
B49	866	GEO_Eqn_6.12b_nls03	23177.78	0.0	-30.0	0.0	-0.2	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls03	23666.67	0.0	-24.0	0.0	-0.2	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls03	24155.56	0.0	-18.0	0.0	-0.2	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls03	24644.44	0.0	-11.0	0.0	-0.2	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls03	25133.33	0.0	-5.0	0.0	-0.2	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls03	25622.22	0.0	1.0	0.0	-0.2	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls03	26111.11	0.0	7.0	0.0	-0.2	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls03	26600	0.0	14.0	0.0	-0.2	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls03	26600	0.0	-22.0	0.0	-0.3	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls03	27088.89	0.0	-16.0	0.0	-0.3	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls03	27577.78	0.0	-9.0	0.0	-0.3	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls03	28066.67	0.0	-3.0	0.0	-0.3	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls03	28555.56	0.0	3.0	0.0	-0.3	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls03	29044.44	0.0	9.0	0.0	-0.3	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls03	29533.33	0.0	16.0	0.0	-0.3	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls03	30022.22	0.0	22.0	0.0	-0.3	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls03	30511.11	0.0	28.0	0.0	-0.3	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls03	31000	0.0	34.0	0.0	-0.3	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls03	31000	0.0	-37.0	0.0	3.0	0.0	-46.0
B49	866	GEO_Eqn_6.12b_nls03	31488.89	0.0	-31.0	0.0	3.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls03	31977.78	0.0	-24.0	0.0	3.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls03	32466.67	0.0	-18.0	0.0	3.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls03	32955.56	0.0	-12.0	0.0	3.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls03	33444.44	0.0	-6.0	0.0	3.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls03	33933.33	0.0	1.0	0.0	3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls03	34422.22	0.0	7.0	0.0	3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls03	34911.11	0.0	13.0	0.0	3.0	0.0	0.5
B49	866	GEO_Eqn_6.12b_nls03	35400	0.0	19.0	0.0	3.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls03	35400	0.0	-36.0	0.0	7.0	0.0	-23.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls03	35850	0.0	-30.0	0.0	7.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls03	36300	0.0	-25.0	0.0	7.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls03	36750	0.0	-19.0	0.0	7.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls03	37200	0.0	-13.0	0.0	7.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls03	37650	0.0	-7.0	0.0	7.0	0.0	26.0
B49	866	GEO_Eqn_6.12b_nls03	38100	0.0	-2.0	0.0	7.0	0.0	28.0
B49	866	GEO_Eqn_6.12b_nls03	38550	0.0	4.0	0.0	7.0	0.0	27.0
B49	866	GEO_Eqn_6.12b_nls03	39000	0.0	10.0	0.0	7.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls03	39450	0.0	16.0	0.0	7.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls04	0	0.0	-31.0	0.0	-2.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls04	460	0.0	-25.0	0.0	-2.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls04	920	0.0	-19.0	0.0	-2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls04	1380	0.0	-13.0	0.0	-2.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls04	1840	0.0	-8.0	0.0	-2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls04	2300	0.0	-2.0	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls04	2760	0.0	4.0	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls04	3220	0.0	10.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls04	3680	0.0	16.0	0.0	-2.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls04	4140	0.0	22.0	0.0	-2.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls04	4600	0.0	28.0	0.0	-2.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls04	4600	0.0	-37.0	0.0	-3.0	0.0	-36.0
B49	866	GEO_Eqn_6.12b_nls04	5088.89	0.0	-30.0	0.0	-3.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls04	5577.78	0.0	-24.0	0.0	-3.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls04	6066.67	0.0	-18.0	0.0	-3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls04	6555.56	0.0	-12.0	0.0	-3.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls04	7044.44	0.0	-6.0	0.0	-3.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls04	7533.33	0.0	1.0	0.0	-3.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls04	8022.22	0.0	7.0	0.0	-3.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls04	8511.11	0.0	13.0	0.0	-3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls04	9000	0.0	19.0	0.0	-3.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls04	9000	0.0	-22.0	0.0	-4.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls04	9488.89	0.0	-16.0	0.0	-4.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls04	9977.78	0.0	-10.0	0.0	-4.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls04	10466.67	0.0	-4.0	0.0	-4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls04	10955.56	0.0	3.0	0.0	-4.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls04	11444.44	0.0	9.0	0.0	-4.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls04	11933.33	0.0	15.0	0.0	-4.0	0.0	-0.1
B49	866	GEO_Eqn_6.12b_nls04	12422.22	0.0	21.0	0.0	-4.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls04	12911.11	0.0	28.0	0.0	-4.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls04	13400	0.0	34.0	0.0	-4.0	0.0	-36.0
B49	866	GEO_Eqn_6.12b_nls04	13400	0.0	-42.0	0.0	-2.0	0.0	-51.0
B49	866	GEO_Eqn_6.12b_nls04	13888.89	0.0	-36.0	0.0	-2.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls04	14377.78	0.0	-30.0	0.0	-2.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls04	14866.67	0.0	-23.0	0.0	-2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls04	15355.56	0.0	-17.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls04	15844.44	0.0	-11.0	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls04	16333.33	0.0	-5.0	0.0	-2.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls04	16822.22	0.0	2.0	0.0	-2.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls04	17311.11	0.0	8.0	0.0	-2.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls04	17800	0.0	14.0	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls04	17800	0.0	-21.0	0.0	-3.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls04	18288.89	0.0	-14.0	0.0	-3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls04	18777.78	0.0	-8.0	0.0	-3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls04	19266.67	0.0	-2.0	0.0	-3.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls04	19755.56	0.0	4.0	0.0	-3.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls04	20244.44	0.0	11.0	0.0	-3.0	0.0	8.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls04	20733.33	0.0	17.0	0.0	-3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls04	21222.22	0.0	23.0	0.0	-3.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls04	21711.11	0.0	29.0	0.0	-3.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls04	22200	0.0	36.0	0.0	-3.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls04	22200	0.0	-42.0	0.0	-1.0	0.0	-51.0
B49	866	GEO_Eqn_6.12b_nls04	22688.89	0.0	-36.0	0.0	-1.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls04	23177.78	0.0	-30.0	0.0	-1.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls04	23666.67	0.0	-23.0	0.0	-1.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls04	24155.56	0.0	-17.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls04	24644.44	0.0	-11.0	0.0	-1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls04	25133.33	0.0	-5.0	0.0	-1.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls04	25622.22	0.0	2.0	0.0	-1.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls04	26111.11	0.0	8.0	0.0	-1.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls04	26600	0.0	14.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls04	26600	0.0	-22.0	0.0	-2.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls04	27088.89	0.0	-16.0	0.0	-2.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls04	27577.78	0.0	-10.0	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls04	28066.67	0.0	-3.0	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls04	28555.56	0.0	3.0	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls04	29044.44	0.0	9.0	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls04	29533.33	0.0	15.0	0.0	-2.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls04	30022.22	0.0	22.0	0.0	-2.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls04	30511.11	0.0	28.0	0.0	-2.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls04	31000	0.0	34.0	0.0	-2.0	0.0	-31.0
B49	866	GEO_Eqn_6.12b_nls04	31000	0.0	-36.0	0.0	1.0	0.0	-45.0
B49	866	GEO_Eqn_6.12b_nls04	31488.89	0.0	-30.0	0.0	1.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls04	31977.78	0.0	-24.0	0.0	1.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls04	32466.67	0.0	-18.0	0.0	1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls04	32955.56	0.0	-12.0	0.0	1.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls04	33444.44	0.0	-5.0	0.0	1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls04	33933.33	0.0	1.0	0.0	1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls04	34422.22	0.0	7.0	0.0	1.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls04	34911.11	0.0	13.0	0.0	1.0	0.0	0.3
B49	866	GEO_Eqn_6.12b_nls04	35400	0.0	20.0	0.0	1.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls04	35400	0.0	-35.0	0.0	1.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls04	35850	0.0	-30.0	0.0	1.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls04	36300	0.0	-24.0	0.0	1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls04	36750	0.0	-18.0	0.0	1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls04	37200	0.0	-12.0	0.0	1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls04	37650	0.0	-7.0	0.0	1.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls04	38100	0.0	-1.0	0.0	1.0	0.0	26.0
B49	866	GEO_Eqn_6.12b_nls04	38550	0.0	5.0	0.0	1.0	0.0	25.0
B49	866	GEO_Eqn_6.12b_nls04	39000	0.0	11.0	0.0	1.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls04	39450	0.0	16.0	0.0	1.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls05	0	0.0	-8.0	0.0	-9.0	0.0	37.0
B49	866	GEO_Eqn_6.12b_nls05	460	0.0	-2.0	0.0	-9.0	0.0	40.0
B49	866	GEO_Eqn_6.12b_nls05	920	0.0	3.0	0.0	-9.0	0.0	39.0
B49	866	GEO_Eqn_6.12b_nls05	1380	0.0	9.0	0.0	-9.0	0.0	36.0
B49	866	GEO_Eqn_6.12b_nls05	1840	0.0	15.0	0.0	-9.0	0.0	31.0
B49	866	GEO_Eqn_6.12b_nls05	2300	0.0	21.0	0.0	-9.0	0.0	23.0
B49	866	GEO_Eqn_6.12b_nls05	2760	0.0	27.0	0.0	-9.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls05	3220	0.0	33.0	0.0	-9.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls05	3680	0.0	39.0	0.0	-9.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls05	4140	0.0	44.0	0.0	-9.0	0.0	-38.0
B49	866	GEO_Eqn_6.12b_nls05	4600	0.0	50.0	0.0	-9.0	0.0	-59.0
B49	866	GEO_Eqn_6.12b_nls05	4600	0.0	-38.0	0.0	-3.0	0.0	-42.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls05	5088.89	0.0	-32.0	0.0	-3.0	0.0	-25.0
B49	866	GEO_Eqn_6.12b_nls05	5577.78	0.0	-26.0	0.0	-3.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls05	6066.67	0.0	-19.0	0.0	-3.0	0.0	-0.3
B49	866	GEO_Eqn_6.12b_nls05	6555.56	0.0	-13.0	0.0	-3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls05	7044.44	0.0	-7.0	0.0	-3.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls05	7533.33	0.0	-1.0	0.0	-3.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls05	8022.22	0.0	6.0	0.0	-3.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls05	8511.11	0.0	12.0	0.0	-3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls05	9000	0.0	18.0	0.0	-3.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls05	9000	0.0	-9.0	0.0	-3.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls05	9488.89	0.0	-2.0	0.0	-3.0	0.0	25.0
B49	866	GEO_Eqn_6.12b_nls05	9977.78	0.0	4.0	0.0	-3.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls05	10466.67	0.0	10.0	0.0	-3.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls05	10955.56	0.0	16.0	0.0	-3.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls05	11444.44	0.0	22.0	0.0	-3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls05	11933.33	0.0	29.0	0.0	-3.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls05	12422.22	0.0	35.0	0.0	-3.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls05	12911.11	0.0	41.0	0.0	-3.0	0.0	-41.0
B49	866	GEO_Eqn_6.12b_nls05	13400	0.0	47.0	0.0	-3.0	0.0	-63.0
B49	866	GEO_Eqn_6.12b_nls05	13400	0.0	-38.0	0.0	1.0	0.0	-43.0
B49	866	GEO_Eqn_6.12b_nls05	13888.89	0.0	-32.0	0.0	1.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls05	14377.78	0.0	-26.0	0.0	1.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls05	14866.67	0.0	-20.0	0.0	1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls05	15355.56	0.0	-13.0	0.0	1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls05	15844.44	0.0	-7.0	0.0	1.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls05	16333.33	0.0	-1.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls05	16822.22	0.0	5.0	0.0	1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls05	17311.11	0.0	12.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls05	17800	0.0	18.0	0.0	1.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls05	17800	0.0	-9.0	0.0	0.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls05	18288.89	0.0	-3.0	0.0	0.0	0.0	25.0
B49	866	GEO_Eqn_6.12b_nls05	18777.78	0.0	3.0	0.0	0.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls05	19266.67	0.0	10.0	0.0	0.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls05	19755.56	0.0	16.0	0.0	0.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls05	20244.44	0.0	22.0	0.0	0.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls05	20733.33	0.0	28.0	0.0	0.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls05	21222.22	0.0	35.0	0.0	0.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls05	21711.11	0.0	41.0	0.0	0.0	0.0	-41.0
B49	866	GEO_Eqn_6.12b_nls05	22200	0.0	47.0	0.0	0.0	0.0	-62.0
B49	866	GEO_Eqn_6.12b_nls05	22200	0.0	-36.0	0.0	3.0	0.0	-42.0
B49	866	GEO_Eqn_6.12b_nls05	22688.89	0.0	-30.0	0.0	3.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls05	23177.78	0.0	-24.0	0.0	3.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls05	23666.67	0.0	-17.0	0.0	3.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls05	24155.56	0.0	-11.0	0.0	3.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls05	24644.44	0.0	-5.0	0.0	3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls05	25133.33	0.0	1.0	0.0	3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls05	25622.22	0.0	7.0	0.0	3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls05	26111.11	0.0	14.0	0.0	3.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls05	26600	0.0	20.0	0.0	3.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls05	26600	0.0	-17.0	0.0	3.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls05	27088.89	0.0	-10.0	0.0	3.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls05	27577.78	0.0	-4.0	0.0	3.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls05	28066.67	0.0	2.0	0.0	3.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls05	28555.56	0.0	8.0	0.0	3.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls05	29044.44	0.0	15.0	0.0	3.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls05	29533.33	0.0	21.0	0.0	3.0	0.0	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls05	30022.22	0.0	27.0	0.0	3.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls05	30511.11	0.0	33.0	0.0	3.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls05	31000	0.0	40.0	0.0	3.0	0.0	-39.0
B49	866	GEO_Eqn_6.12b_nls05	31000	0.0	-25.0	0.0	5.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls05	31488.89	0.0	-19.0	0.0	5.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls05	31977.78	0.0	-13.0	0.0	5.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls05	32466.67	0.0	-7.0	0.0	5.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls05	32955.56	0.0	-1.0	0.0	5.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls05	33444.44	0.0	6.0	0.0	5.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls05	33933.33	0.0	12.0	0.0	5.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls05	34422.22	0.0	18.0	0.0	5.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls05	34911.11	0.0	24.0	0.0	5.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls05	35400	0.0	31.0	0.0	5.0	0.0	-28.0
B49	866	GEO_Eqn_6.12b_nls05	35400	0.0	-20.0	0.0	8.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls05	35850	0.0	-14.0	0.0	8.0	0.0	0.3
B49	866	GEO_Eqn_6.12b_nls05	36300	0.0	-8.0	0.0	8.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls05	36750	0.0	-3.0	0.0	8.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls05	37200	0.0	3.0	0.0	8.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls05	37650	0.0	9.0	0.0	8.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls05	38100	0.0	14.0	0.0	8.0	0.0	0.0
B49	866	GEO_Eqn_6.12b_nls05	38550	0.0	20.0	0.0	8.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls05	39000	0.0	26.0	0.0	8.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls05	39450	0.0	32.0	0.0	8.0	0.0	-31.0
B49	866	GEO_Eqn_6.12b_nls06	0	0.0	-8.0	0.0	-2.0	0.0	36.0
B49	866	GEO_Eqn_6.12b_nls06	460	0.0	-2.0	0.0	-2.0	0.0	38.0
B49	866	GEO_Eqn_6.12b_nls06	920	0.0	3.0	0.0	-2.0	0.0	38.0
B49	866	GEO_Eqn_6.12b_nls06	1380	0.0	9.0	0.0	-2.0	0.0	35.0
B49	866	GEO_Eqn_6.12b_nls06	1840	0.0	15.0	0.0	-2.0	0.0	29.0
B49	866	GEO_Eqn_6.12b_nls06	2300	0.0	21.0	0.0	-2.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls06	2760	0.0	27.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls06	3220	0.0	33.0	0.0	-2.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls06	3680	0.0	39.0	0.0	-2.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls06	4140	0.0	44.0	0.0	-2.0	0.0	-39.0
B49	866	GEO_Eqn_6.12b_nls06	4600	0.0	50.0	0.0	-2.0	0.0	-61.0
B49	866	GEO_Eqn_6.12b_nls06	4600	0.0	-39.0	0.0	-0.1	0.0	-43.0
B49	866	GEO_Eqn_6.12b_nls06	5088.89	0.0	-32.0	0.0	-0.1	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls06	5577.78	0.0	-26.0	0.0	-0.1	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls06	6066.67	0.0	-20.0	0.0	-0.1	0.0	-0.2
B49	866	GEO_Eqn_6.12b_nls06	6555.56	0.0	-14.0	0.0	-0.1	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls06	7044.44	0.0	-7.0	0.0	-0.1	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls06	7533.33	0.0	-1.0	0.0	-0.1	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls06	8022.22	0.0	5.0	0.0	-0.1	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls06	8511.11	0.0	11.0	0.0	-0.1	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls06	9000	0.0	18.0	0.0	-0.1	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls06	9000	0.0	-7.0	0.0	-2.0	0.0	25.0
B49	866	GEO_Eqn_6.12b_nls06	9488.89	0.0	-1.0	0.0	-2.0	0.0	27.0
B49	866	GEO_Eqn_6.12b_nls06	9977.78	0.0	5.0	0.0	-2.0	0.0	26.0
B49	866	GEO_Eqn_6.12b_nls06	10466.67	0.0	11.0	0.0	-2.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls06	10955.56	0.0	18.0	0.0	-2.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls06	11444.44	0.0	24.0	0.0	-2.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls06	11933.33	0.0	30.0	0.0	-2.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls06	12422.22	0.0	36.0	0.0	-2.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls06	12911.11	0.0	42.0	0.0	-2.0	0.0	-44.0
B49	866	GEO_Eqn_6.12b_nls06	13400	0.0	49.0	0.0	-2.0	0.0	-66.0
B49	866	GEO_Eqn_6.12b_nls06	13400	0.0	-39.0	0.0	1.0	0.0	-45.0
B49	866	GEO_Eqn_6.12b_nls06	13888.89	0.0	-33.0	0.0	1.0	0.0	-27.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls06	14377.78	0.0	-26.0	0.0	1.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls06	14866.67	0.0	-20.0	0.0	1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls06	15355.56	0.0	-14.0	0.0	1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls06	15844.44	0.0	-8.0	0.0	1.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls06	16333.33	0.0	-2.0	0.0	1.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls06	16822.22	0.0	5.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls06	17311.11	0.0	11.0	0.0	1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls06	17800	0.0	17.0	0.0	1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls06	17800	0.0	-8.0	0.0	-0.3	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls06	18288.89	0.0	-2.0	0.0	-0.3	0.0	27.0
B49	866	GEO_Eqn_6.12b_nls06	18777.78	0.0	5.0	0.0	-0.3	0.0	26.0
B49	866	GEO_Eqn_6.12b_nls06	19266.67	0.0	11.0	0.0	-0.3	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls06	19755.56	0.0	17.0	0.0	-0.3	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls06	20244.44	0.0	23.0	0.0	-0.3	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls06	20733.33	0.0	30.0	0.0	-0.3	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls06	21222.22	0.0	36.0	0.0	-0.3	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls06	21711.11	0.0	42.0	0.0	-0.3	0.0	-43.0
B49	866	GEO_Eqn_6.12b_nls06	22200	0.0	48.0	0.0	-0.3	0.0	-65.0
B49	866	GEO_Eqn_6.12b_nls06	22200	0.0	-37.0	0.0	2.0	0.0	-43.0
B49	866	GEO_Eqn_6.12b_nls06	22688.89	0.0	-30.0	0.0	2.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls06	23177.78	0.0	-24.0	0.0	2.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls06	23666.67	0.0	-18.0	0.0	2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls06	24155.56	0.0	-12.0	0.0	2.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls06	24644.44	0.0	-6.0	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls06	25133.33	0.0	1.0	0.0	2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls06	25622.22	0.0	7.0	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls06	26111.11	0.0	13.0	0.0	2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls06	26600	0.0	19.0	0.0	2.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls06	26600	0.0	-16.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls06	27088.89	0.0	-10.0	0.0	1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls06	27577.78	0.0	-3.0	0.0	1.0	0.0	23.0
B49	866	GEO_Eqn_6.12b_nls06	28066.67	0.0	3.0	0.0	1.0	0.0	23.0
B49	866	GEO_Eqn_6.12b_nls06	28555.56	0.0	9.0	0.0	1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls06	29044.44	0.0	15.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls06	29533.33	0.0	22.0	0.0	1.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls06	30022.22	0.0	28.0	0.0	1.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls06	30511.11	0.0	34.0	0.0	1.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls06	31000	0.0	40.0	0.0	1.0	0.0	-40.0
B49	866	GEO_Eqn_6.12b_nls06	31000	0.0	-25.0	0.0	2.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls06	31488.89	0.0	-19.0	0.0	2.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls06	31977.78	0.0	-13.0	0.0	2.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls06	32466.67	0.0	-7.0	0.0	2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls06	32955.56	0.0	-0.4	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls06	33444.44	0.0	6.0	0.0	2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls06	33933.33	0.0	12.0	0.0	2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls06	34422.22	0.0	18.0	0.0	2.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls06	34911.11	0.0	25.0	0.0	2.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls06	35400	0.0	31.0	0.0	2.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls06	35400	0.0	-19.0	0.0	3.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls06	35850	0.0	-13.0	0.0	3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls06	36300	0.0	-7.0	0.0	3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls06	36750	0.0	-2.0	0.0	3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls06	37200	0.0	4.0	0.0	3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls06	37650	0.0	10.0	0.0	3.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls06	38100	0.0	16.0	0.0	3.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls06	38550	0.0	21.0	0.0	3.0	0.0	-10.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls06	39000	0.0	27.0	0.0	3.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls06	39450	0.0	33.0	0.0	3.0	0.0	-34.0
B49	866	GEO_Eqn_6.12b_nls07	0	0.0	-31.0	0.0	-9.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls07	460	0.0	-25.0	0.0	-9.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls07	920	0.0	-19.0	0.0	-9.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls07	1380	0.0	-13.0	0.0	-9.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls07	1840	0.0	-7.0	0.0	-9.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls07	2300	0.0	-2.0	0.0	-9.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls07	2760	0.0	4.0	0.0	-9.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls07	3220	0.0	10.0	0.0	-9.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls07	3680	0.0	16.0	0.0	-9.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls07	4140	0.0	22.0	0.0	-9.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls07	4600	0.0	28.0	0.0	-9.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls07	4600	0.0	-39.0	0.0	-5.0	0.0	-39.0
B49	866	GEO_Eqn_6.12b_nls07	5088.89	0.0	-32.0	0.0	-5.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls07	5577.78	0.0	-26.0	0.0	-5.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls07	6066.67	0.0	-20.0	0.0	-5.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls07	6555.56	0.0	-14.0	0.0	-5.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls07	7044.44	0.0	-8.0	0.0	-5.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls07	7533.33	0.0	-1.0	0.0	-5.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls07	8022.22	0.0	5.0	0.0	-5.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls07	8511.11	0.0	11.0	0.0	-5.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls07	9000	0.0	17.0	0.0	-5.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls07	9000	0.0	-21.0	0.0	-4.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls07	9488.89	0.0	-15.0	0.0	-4.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls07	9977.78	0.0	-8.0	0.0	-4.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls07	10466.67	0.0	-2.0	0.0	-4.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls07	10955.56	0.0	4.0	0.0	-4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls07	11444.44	0.0	10.0	0.0	-4.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls07	11933.33	0.0	17.0	0.0	-4.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls07	12422.22	0.0	23.0	0.0	-4.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls07	12911.11	0.0	29.0	0.0	-4.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls07	13400	0.0	35.0	0.0	-4.0	0.0	-40.0
B49	866	GEO_Eqn_6.12b_nls07	13400	0.0	-45.0	0.0	-1.0	0.0	-58.0
B49	866	GEO_Eqn_6.12b_nls07	13888.89	0.0	-39.0	0.0	-1.0	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls07	14377.78	0.0	-33.0	0.0	-1.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls07	14866.67	0.0	-27.0	0.0	-1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls07	15355.56	0.0	-20.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls07	15844.44	0.0	-14.0	0.0	-1.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls07	16333.33	0.0	-8.0	0.0	-1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls07	16822.22	0.0	-2.0	0.0	-1.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls07	17311.11	0.0	5.0	0.0	-1.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls07	17800	0.0	11.0	0.0	-1.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls07	17800	0.0	-19.0	0.0	-2.0	0.0	-0.1
B49	866	GEO_Eqn_6.12b_nls07	18288.89	0.0	-13.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls07	18777.78	0.0	-6.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls07	19266.67	0.0	-0.1	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls07	19755.56	0.0	6.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls07	20244.44	0.0	12.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls07	20733.33	0.0	19.0	0.0	-2.0	0.0	0.2
B49	866	GEO_Eqn_6.12b_nls07	21222.22	0.0	25.0	0.0	-2.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls07	21711.11	0.0	31.0	0.0	-2.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls07	22200	0.0	37.0	0.0	-2.0	0.0	-41.0
B49	866	GEO_Eqn_6.12b_nls07	22200	0.0	-45.0	0.0	1.0	0.0	-59.0
B49	866	GEO_Eqn_6.12b_nls07	22688.89	0.0	-39.0	0.0	1.0	0.0	-38.0
B49	866	GEO_Eqn_6.12b_nls07	23177.78	0.0	-33.0	0.0	1.0	0.0	-20.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls07	23666.67	0.0	-26.0	0.0	1.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls07	24155.56	0.0	-20.0	0.0	1.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls07	24644.44	0.0	-14.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls07	25133.33	0.0	-8.0	0.0	1.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls07	25622.22	0.0	-2.0	0.0	1.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls07	26111.11	0.0	5.0	0.0	1.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls07	26600	0.0	11.0	0.0	1.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls07	26600	0.0	-21.0	0.0	0.1	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls07	27088.89	0.0	-14.0	0.0	0.1	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls07	27577.78	0.0	-8.0	0.0	0.1	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls07	28066.67	0.0	-2.0	0.0	0.1	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls07	28555.56	0.0	4.0	0.0	0.1	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls07	29044.44	0.0	11.0	0.0	0.1	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls07	29533.33	0.0	17.0	0.0	0.1	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls07	30022.22	0.0	23.0	0.0	0.1	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls07	30511.11	0.0	29.0	0.0	0.1	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls07	31000	0.0	36.0	0.0	0.1	0.0	-34.0
B49	866	GEO_Eqn_6.12b_nls07	31000	0.0	-38.0	0.0	4.0	0.0	-50.0
B49	866	GEO_Eqn_6.12b_nls07	31488.89	0.0	-32.0	0.0	4.0	0.0	-33.0
B49	866	GEO_Eqn_6.12b_nls07	31977.78	0.0	-26.0	0.0	4.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls07	32466.67	0.0	-20.0	0.0	4.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls07	32955.56	0.0	-14.0	0.0	4.0	0.0	0.3
B49	866	GEO_Eqn_6.12b_nls07	33444.44	0.0	-7.0	0.0	4.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls07	33933.33	0.0	-1.0	0.0	4.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls07	34422.22	0.0	5.0	0.0	4.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls07	34911.11	0.0	11.0	0.0	4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls07	35400	0.0	18.0	0.0	4.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls07	35400	0.0	-37.0	0.0	6.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls07	35850	0.0	-31.0	0.0	6.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls07	36300	0.0	-25.0	0.0	6.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls07	36750	0.0	-20.0	0.0	6.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls07	37200	0.0	-14.0	0.0	6.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls07	37650	0.0	-8.0	0.0	6.0	0.0	27.0
B49	866	GEO_Eqn_6.12b_nls07	38100	0.0	-2.0	0.0	6.0	0.0	29.0
B49	866	GEO_Eqn_6.12b_nls07	38550	0.0	3.0	0.0	6.0	0.0	29.0
B49	866	GEO_Eqn_6.12b_nls07	39000	0.0	9.0	0.0	6.0	0.0	26.0
B49	866	GEO_Eqn_6.12b_nls07	39450	0.0	15.0	0.0	6.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls08	0	0.0	-32.0	0.0	-2.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls08	460	0.0	-26.0	0.0	-2.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls08	920	0.0	-20.0	0.0	-2.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls08	1380	0.0	-14.0	0.0	-2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls08	1840	0.0	-8.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls08	2300	0.0	-2.0	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls08	2760	0.0	3.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls08	3220	0.0	9.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls08	3680	0.0	15.0	0.0	-2.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls08	4140	0.0	21.0	0.0	-2.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls08	4600	0.0	27.0	0.0	-2.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls08	4600	0.0	-38.0	0.0	-2.0	0.0	-38.0
B49	866	GEO_Eqn_6.12b_nls08	5088.89	0.0	-32.0	0.0	-2.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls08	5577.78	0.0	-26.0	0.0	-2.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls08	6066.67	0.0	-20.0	0.0	-2.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls08	6555.56	0.0	-13.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls08	7044.44	0.0	-7.0	0.0	-2.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls08	7533.33	0.0	-1.0	0.0	-2.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls08	8022.22	0.0	5.0	0.0	-2.0	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls08	8511.11	0.0	12.0	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls08	9000	0.0	18.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls08	9000	0.0	-21.0	0.0	-3.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls08	9488.89	0.0	-15.0	0.0	-3.0	0.0	0.2
B49	866	GEO_Eqn_6.12b_nls08	9977.78	0.0	-9.0	0.0	-3.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls08	10466.67	0.0	-2.0	0.0	-3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls08	10955.56	0.0	4.0	0.0	-3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls08	11444.44	0.0	10.0	0.0	-3.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls08	11933.33	0.0	16.0	0.0	-3.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls08	12422.22	0.0	23.0	0.0	-3.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls08	12911.11	0.0	29.0	0.0	-3.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls08	13400	0.0	35.0	0.0	-3.0	0.0	-39.0
B49	866	GEO_Eqn_6.12b_nls08	13400	0.0	-45.0	0.0	-1.0	0.0	-57.0
B49	866	GEO_Eqn_6.12b_nls08	13888.89	0.0	-38.0	0.0	-1.0	0.0	-36.0
B49	866	GEO_Eqn_6.12b_nls08	14377.78	0.0	-32.0	0.0	-1.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls08	14866.67	0.0	-26.0	0.0	-1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls08	15355.56	0.0	-20.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls08	15844.44	0.0	-14.0	0.0	-1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls08	16333.33	0.0	-7.0	0.0	-1.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls08	16822.22	0.0	-1.0	0.0	-1.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls08	17311.11	0.0	5.0	0.0	-1.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls08	17800	0.0	11.0	0.0	-1.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls08	17800	0.0	-19.0	0.0	-2.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls08	18288.89	0.0	-13.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls08	18777.78	0.0	-7.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls08	19266.67	0.0	-0.4	0.0	-2.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls08	19755.56	0.0	6.0	0.0	-2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls08	20244.44	0.0	12.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls08	20733.33	0.0	18.0	0.0	-2.0	0.0	0.4
B49	866	GEO_Eqn_6.12b_nls08	21222.22	0.0	25.0	0.0	-2.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls08	21711.11	0.0	31.0	0.0	-2.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls08	22200	0.0	37.0	0.0	-2.0	0.0	-40.0
B49	866	GEO_Eqn_6.12b_nls08	22200	0.0	-45.0	0.0	-0.2	0.0	-57.0
B49	866	GEO_Eqn_6.12b_nls08	22688.89	0.0	-38.0	0.0	-0.2	0.0	-37.0
B49	866	GEO_Eqn_6.12b_nls08	23177.78	0.0	-32.0	0.0	-0.2	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls08	23666.67	0.0	-26.0	0.0	-0.2	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls08	24155.56	0.0	-20.0	0.0	-0.2	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls08	24644.44	0.0	-13.0	0.0	-0.2	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls08	25133.33	0.0	-7.0	0.0	-0.2	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls08	25622.22	0.0	-1.0	0.0	-0.2	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls08	26111.11	0.0	5.0	0.0	-0.2	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls08	26600	0.0	11.0	0.0	-0.2	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls08	26600	0.0	-21.0	0.0	-1.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls08	27088.89	0.0	-15.0	0.0	-1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls08	27577.78	0.0	-8.0	0.0	-1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls08	28066.67	0.0	-2.0	0.0	-1.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls08	28555.56	0.0	4.0	0.0	-1.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls08	29044.44	0.0	10.0	0.0	-1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls08	29533.33	0.0	17.0	0.0	-1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls08	30022.22	0.0	23.0	0.0	-1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls08	30511.11	0.0	29.0	0.0	-1.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls08	31000	0.0	35.0	0.0	-1.0	0.0	-34.0
B49	866	GEO_Eqn_6.12b_nls08	31000	0.0	-38.0	0.0	1.0	0.0	-49.0
B49	866	GEO_Eqn_6.12b_nls08	31488.89	0.0	-32.0	0.0	1.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls08	31977.78	0.0	-26.0	0.0	1.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls08	32466.67	0.0	-19.0	0.0	1.0	0.0	-7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls08	32955.56	0.0	-13.0	0.0	1.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls08	33444.44	0.0	-7.0	0.0	1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls08	33933.33	0.0	-1.0	0.0	1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls08	34422.22	0.0	5.0	0.0	1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls08	34911.11	0.0	12.0	0.0	1.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls08	35400	0.0	18.0	0.0	1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls08	35400	0.0	-36.0	0.0	1.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls08	35850	0.0	-30.0	0.0	1.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls08	36300	0.0	-25.0	0.0	1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls08	36750	0.0	-19.0	0.0	1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls08	37200	0.0	-13.0	0.0	1.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls08	37650	0.0	-7.0	0.0	1.0	0.0	26.0
B49	866	GEO_Eqn_6.12b_nls08	38100	0.0	-2.0	0.0	1.0	0.0	28.0
B49	866	GEO_Eqn_6.12b_nls08	38550	0.0	4.0	0.0	1.0	0.0	27.0
B49	866	GEO_Eqn_6.12b_nls08	39000	0.0	10.0	0.0	1.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls08	39450	0.0	15.0	0.0	1.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls09	0	0.0	-17.0	0.0	-16.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls09	460	0.0	-11.0	0.0	-16.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls09	920	0.0	-5.0	0.0	-16.0	0.0	28.0
B49	866	GEO_Eqn_6.12b_nls09	1380	0.0	0.5	0.0	-16.0	0.0	29.0
B49	866	GEO_Eqn_6.12b_nls09	1840	0.0	6.0	0.0	-16.0	0.0	28.0
B49	866	GEO_Eqn_6.12b_nls09	2300	0.0	12.0	0.0	-16.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls09	2760	0.0	18.0	0.0	-16.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls09	3220	0.0	24.0	0.0	-16.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls09	3680	0.0	30.0	0.0	-16.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls09	4140	0.0	36.0	0.0	-16.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls09	4600	0.0	42.0	0.0	-16.0	0.0	-38.0
B49	866	GEO_Eqn_6.12b_nls09	4600	0.0	-33.0	0.0	-8.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls09	5088.89	0.0	-26.0	0.0	-8.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls09	5577.78	0.0	-20.0	0.0	-8.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls09	6066.67	0.0	-14.0	0.0	-8.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls09	6555.56	0.0	-8.0	0.0	-8.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls09	7044.44	0.0	-1.0	0.0	-8.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls09	7533.33	0.0	5.0	0.0	-8.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls09	8022.22	0.0	11.0	0.0	-8.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls09	8511.11	0.0	17.0	0.0	-8.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls09	9000	0.0	23.0	0.0	-8.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls09	9000	0.0	-21.0	0.0	-4.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls09	9488.89	0.0	-15.0	0.0	-4.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls09	9977.78	0.0	-8.0	0.0	-4.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls09	10466.67	0.0	-2.0	0.0	-4.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls09	10955.56	0.0	4.0	0.0	-4.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls09	11444.44	0.0	10.0	0.0	-4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls09	11933.33	0.0	17.0	0.0	-4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls09	12422.22	0.0	23.0	0.0	-4.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls09	12911.11	0.0	29.0	0.0	-4.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls09	13400	0.0	35.0	0.0	-4.0	0.0	-36.0
B49	866	GEO_Eqn_6.12b_nls09	13400	0.0	-32.0	0.0	-1.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls09	13888.89	0.0	-26.0	0.0	-1.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls09	14377.78	0.0	-19.0	0.0	-1.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls09	14866.67	0.0	-13.0	0.0	-1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls09	15355.56	0.0	-7.0	0.0	-1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls09	15844.44	0.0	-1.0	0.0	-1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls09	16333.33	0.0	6.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls09	16822.22	0.0	12.0	0.0	-1.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls09	17311.11	0.0	18.0	0.0	-1.0	0.0	-2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls09	17800	0.0	24.0	0.0	-1.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls09	17800	0.0	-21.0	0.0	-0.4	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls09	18288.89	0.0	-15.0	0.0	-0.4	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls09	18777.78	0.0	-8.0	0.0	-0.4	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls09	19266.67	0.0	-2.0	0.0	-0.4	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls09	19755.56	0.0	4.0	0.0	-0.4	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls09	20244.44	0.0	10.0	0.0	-0.4	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls09	20733.33	0.0	16.0	0.0	-0.4	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls09	21222.22	0.0	23.0	0.0	-0.4	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls09	21711.11	0.0	29.0	0.0	-0.4	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls09	22200	0.0	35.0	0.0	-0.4	0.0	-36.0
B49	866	GEO_Eqn_6.12b_nls09	22200	0.0	-31.0	0.0	2.0	0.0	-28.0
B49	866	GEO_Eqn_6.12b_nls09	22688.89	0.0	-25.0	0.0	2.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls09	23177.78	0.0	-19.0	0.0	2.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls09	23666.67	0.0	-12.0	0.0	2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls09	24155.56	0.0	-6.0	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls09	24644.44	0.0	0.2	0.0	2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls09	25133.33	0.0	6.0	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls09	25622.22	0.0	13.0	0.0	2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls09	26111.11	0.0	19.0	0.0	2.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls09	26600	0.0	25.0	0.0	2.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls09	26600	0.0	-24.0	0.0	3.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls09	27088.89	0.0	-18.0	0.0	3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls09	27577.78	0.0	-11.0	0.0	3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls09	28066.67	0.0	-5.0	0.0	3.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls09	28555.56	0.0	1.0	0.0	3.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls09	29044.44	0.0	7.0	0.0	3.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls09	29533.33	0.0	14.0	0.0	3.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls09	30022.22	0.0	20.0	0.0	3.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls09	30511.11	0.0	26.0	0.0	3.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls09	31000	0.0	32.0	0.0	3.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls09	31000	0.0	-27.0	0.0	7.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls09	31488.89	0.0	-21.0	0.0	7.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls09	31977.78	0.0	-14.0	0.0	7.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls09	32466.67	0.0	-8.0	0.0	7.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls09	32955.56	0.0	-2.0	0.0	7.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls09	33444.44	0.0	4.0	0.0	7.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls09	33933.33	0.0	11.0	0.0	7.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls09	34422.22	0.0	17.0	0.0	7.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls09	34911.11	0.0	23.0	0.0	7.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls09	35400	0.0	29.0	0.0	7.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls09	35400	0.0	-27.0	0.0	14.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls09	35850	0.0	-21.0	0.0	14.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls09	36300	0.0	-15.0	0.0	14.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls09	36750	0.0	-10.0	0.0	14.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls09	37200	0.0	-4.0	0.0	14.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls09	37650	0.0	2.0	0.0	14.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls09	38100	0.0	8.0	0.0	14.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls09	38550	0.0	13.0	0.0	14.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls09	39000	0.0	19.0	0.0	14.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls09	39450	0.0	25.0	0.0	14.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls10	0	0.0	-24.0	0.0	-17.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls10	460	0.0	-18.0	0.0	-17.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	920	0.0	-13.0	0.0	-17.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls10	1380	0.0	-7.0	0.0	-17.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls10	1840	0.0	-1.0	0.0	-17.0	0.0	22.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls10	2300	0.0	5.0	0.0	-17.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls10	2760	0.0	11.0	0.0	-17.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls10	3220	0.0	17.0	0.0	-17.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls10	3680	0.0	23.0	0.0	-17.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls10	4140	0.0	28.0	0.0	-17.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls10	4600	0.0	34.0	0.0	-17.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls10	4600	0.0	-31.0	0.0	-9.0	0.0	-28.0
B49	866	GEO_Eqn_6.12b_nls10	5088.89	0.0	-25.0	0.0	-9.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls10	5577.78	0.0	-19.0	0.0	-9.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls10	6066.67	0.0	-12.0	0.0	-9.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls10	6555.56	0.0	-6.0	0.0	-9.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls10	7044.44	0.0	0.1	0.0	-9.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	7533.33	0.0	6.0	0.0	-9.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls10	8022.22	0.0	13.0	0.0	-9.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls10	8511.11	0.0	19.0	0.0	-9.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls10	9000	0.0	25.0	0.0	-9.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls10	9000	0.0	-27.0	0.0	-5.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls10	9488.89	0.0	-21.0	0.0	-5.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls10	9977.78	0.0	-14.0	0.0	-5.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls10	10466.67	0.0	-8.0	0.0	-5.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls10	10955.56	0.0	-2.0	0.0	-5.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls10	11444.44	0.0	4.0	0.0	-5.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	11933.33	0.0	11.0	0.0	-5.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls10	12422.22	0.0	17.0	0.0	-5.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls10	12911.11	0.0	23.0	0.0	-5.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls10	13400	0.0	29.0	0.0	-5.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls10	13400	0.0	-31.0	0.0	-2.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls10	13888.89	0.0	-25.0	0.0	-2.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls10	14377.78	0.0	-19.0	0.0	-2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls10	14866.67	0.0	-12.0	0.0	-2.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls10	15355.56	0.0	-6.0	0.0	-2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	15844.44	0.0	0.1	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls10	16333.33	0.0	6.0	0.0	-2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	16822.22	0.0	13.0	0.0	-2.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls10	17311.11	0.0	19.0	0.0	-2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls10	17800	0.0	25.0	0.0	-2.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls10	17800	0.0	-26.0	0.0	-1.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls10	18288.89	0.0	-20.0	0.0	-1.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls10	18777.78	0.0	-14.0	0.0	-1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls10	19266.67	0.0	-8.0	0.0	-1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls10	19755.56	0.0	-2.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls10	20244.44	0.0	5.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls10	20733.33	0.0	11.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls10	21222.22	0.0	17.0	0.0	-1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls10	21711.11	0.0	23.0	0.0	-1.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls10	22200	0.0	30.0	0.0	-1.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls10	22200	0.0	-31.0	0.0	1.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls10	22688.89	0.0	-25.0	0.0	1.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls10	23177.78	0.0	-19.0	0.0	1.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls10	23666.67	0.0	-12.0	0.0	1.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls10	24155.56	0.0	-6.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	24644.44	0.0	0.1	0.0	1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls10	25133.33	0.0	6.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	25622.22	0.0	13.0	0.0	1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls10	26111.11	0.0	19.0	0.0	1.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls10	26600	0.0	25.0	0.0	1.0	0.0	-14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls10	26600	0.0	-27.0	0.0	3.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls10	27088.89	0.0	-21.0	0.0	3.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls10	27577.78	0.0	-14.0	0.0	3.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls10	28066.67	0.0	-8.0	0.0	3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls10	28555.56	0.0	-2.0	0.0	3.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls10	29044.44	0.0	4.0	0.0	3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls10	29533.33	0.0	11.0	0.0	3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls10	30022.22	0.0	17.0	0.0	3.0	0.0	-0.1
B49	866	GEO_Eqn_6.12b_nls10	30511.11	0.0	23.0	0.0	3.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls10	31000	0.0	29.0	0.0	3.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls10	31000	0.0	-30.0	0.0	7.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls10	31488.89	0.0	-23.0	0.0	7.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls10	31977.78	0.0	-17.0	0.0	7.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls10	32466.67	0.0	-11.0	0.0	7.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls10	32955.56	0.0	-5.0	0.0	7.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls10	33444.44	0.0	1.0	0.0	7.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls10	33933.33	0.0	8.0	0.0	7.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls10	34422.22	0.0	14.0	0.0	7.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls10	34911.11	0.0	20.0	0.0	7.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls10	35400	0.0	26.0	0.0	7.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls10	35400	0.0	-32.0	0.0	14.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls10	35850	0.0	-26.0	0.0	14.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls10	36300	0.0	-21.0	0.0	14.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls10	36750	0.0	-15.0	0.0	14.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls10	37200	0.0	-9.0	0.0	14.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls10	37650	0.0	-3.0	0.0	14.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls10	38100	0.0	2.0	0.0	14.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls10	38550	0.0	8.0	0.0	14.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls10	39000	0.0	14.0	0.0	14.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls10	39450	0.0	20.0	0.0	14.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls11	0	0.0	-21.0	0.0	6.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls11	460	0.0	-15.0	0.0	6.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls11	920	0.0	-9.0	0.0	6.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls11	1380	0.0	-4.0	0.0	6.0	0.0	21.0
B49	866	GEO_Eqn_6.12b_nls11	1840	0.0	2.0	0.0	6.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls11	2300	0.0	8.0	0.0	6.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls11	2760	0.0	14.0	0.0	6.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls11	3220	0.0	20.0	0.0	6.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls11	3680	0.0	26.0	0.0	6.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls11	4140	0.0	32.0	0.0	6.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls11	4600	0.0	38.0	0.0	6.0	0.0	-33.0
B49	866	GEO_Eqn_6.12b_nls11	4600	0.0	-32.0	0.0	2.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls11	5088.89	0.0	-25.0	0.0	2.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls11	5577.78	0.0	-19.0	0.0	2.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls11	6066.67	0.0	-13.0	0.0	2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls11	6555.56	0.0	-7.0	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls11	7044.44	0.0	-0.4	0.0	2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls11	7533.33	0.0	6.0	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls11	8022.22	0.0	12.0	0.0	2.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls11	8511.11	0.0	18.0	0.0	2.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls11	9000	0.0	25.0	0.0	2.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls11	9000	0.0	-23.0	0.0	1.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls11	9488.89	0.0	-16.0	0.0	1.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls11	9977.78	0.0	-10.0	0.0	1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls11	10466.67	0.0	-4.0	0.0	1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls11	10955.56	0.0	2.0	0.0	1.0	0.0	11.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls11	11444.44	0.0	9.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls11	11933.33	0.0	15.0	0.0	1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls11	12422.22	0.0	21.0	0.0	1.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls11	12911.11	0.0	27.0	0.0	1.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls11	13400	0.0	34.0	0.0	1.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls11	13400	0.0	-31.0	0.0	1.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls11	13888.89	0.0	-25.0	0.0	1.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls11	14377.78	0.0	-18.0	0.0	1.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls11	14866.67	0.0	-12.0	0.0	1.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls11	15355.56	0.0	-6.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls11	15844.44	0.0	0.3	0.0	1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls11	16333.33	0.0	7.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls11	16822.22	0.0	13.0	0.0	1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls11	17311.11	0.0	19.0	0.0	1.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls11	17800	0.0	25.0	0.0	1.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls11	17800	0.0	-23.0	0.0	0.1	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls11	18288.89	0.0	-17.0	0.0	0.1	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls11	18777.78	0.0	-10.0	0.0	0.1	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls11	19266.67	0.0	-4.0	0.0	0.1	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls11	19755.56	0.0	2.0	0.0	0.1	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls11	20244.44	0.0	8.0	0.0	0.1	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls11	20733.33	0.0	15.0	0.0	0.1	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls11	21222.22	0.0	21.0	0.0	0.1	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls11	21711.11	0.0	27.0	0.0	0.1	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls11	22200	0.0	33.0	0.0	0.1	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls11	22200	0.0	-30.0	0.0	1.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls11	22688.89	0.0	-24.0	0.0	1.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls11	23177.78	0.0	-18.0	0.0	1.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls11	23666.67	0.0	-12.0	0.0	1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls11	24155.56	0.0	-5.0	0.0	1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls11	24644.44	0.0	1.0	0.0	1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls11	25133.33	0.0	7.0	0.0	1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls11	25622.22	0.0	13.0	0.0	1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls11	26111.11	0.0	20.0	0.0	1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls11	26600	0.0	26.0	0.0	1.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls11	26600	0.0	-25.0	0.0	0.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls11	27088.89	0.0	-19.0	0.0	0.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls11	27577.78	0.0	-12.0	0.0	0.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls11	28066.67	0.0	-6.0	0.0	0.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls11	28555.56	0.0	0.1	0.0	0.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls11	29044.44	0.0	6.0	0.0	0.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls11	29533.33	0.0	13.0	0.0	0.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls11	30022.22	0.0	19.0	0.0	0.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls11	30511.11	0.0	25.0	0.0	0.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls11	31000	0.0	31.0	0.0	0.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls11	31000	0.0	-27.0	0.0	-1.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls11	31488.89	0.0	-21.0	0.0	-1.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls11	31977.78	0.0	-15.0	0.0	-1.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls11	32466.67	0.0	-9.0	0.0	-1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls11	32955.56	0.0	-2.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls11	33444.44	0.0	4.0	0.0	-1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls11	33933.33	0.0	10.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls11	34422.22	0.0	16.0	0.0	-1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls11	34911.11	0.0	23.0	0.0	-1.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls11	35400	0.0	29.0	0.0	-1.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls11	35400	0.0	-26.0	0.0	-4.0	0.0	-16.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls11	35850	0.0	-20.0	0.0	-4.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls11	36300	0.0	-14.0	0.0	-4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls11	36750	0.0	-9.0	0.0	-4.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls11	37200	0.0	-3.0	0.0	-4.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls11	37650	0.0	3.0	0.0	-4.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls11	38100	0.0	9.0	0.0	-4.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls11	38550	0.0	14.0	0.0	-4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls11	39000	0.0	20.0	0.0	-4.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls11	39450	0.0	26.0	0.0	-4.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls12	0	0.0	-28.0	0.0	6.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls12	460	0.0	-22.0	0.0	6.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls12	920	0.0	-16.0	0.0	6.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls12	1380	0.0	-10.0	0.0	6.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls12	1840	0.0	-4.0	0.0	6.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls12	2300	0.0	2.0	0.0	6.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls12	2760	0.0	8.0	0.0	6.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls12	3220	0.0	13.0	0.0	6.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	3680	0.0	19.0	0.0	6.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls12	4140	0.0	25.0	0.0	6.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls12	4600	0.0	31.0	0.0	6.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls12	4600	0.0	-32.0	0.0	2.0	0.0	-28.0
B49	866	GEO_Eqn_6.12b_nls12	5088.89	0.0	-26.0	0.0	2.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls12	5577.78	0.0	-19.0	0.0	2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls12	6066.67	0.0	-13.0	0.0	2.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls12	6555.56	0.0	-7.0	0.0	2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	7044.44	0.0	-1.0	0.0	2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls12	7533.33	0.0	6.0	0.0	2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls12	8022.22	0.0	12.0	0.0	2.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls12	8511.11	0.0	18.0	0.0	2.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls12	9000	0.0	24.0	0.0	2.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls12	9000	0.0	-26.0	0.0	-0.1	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls12	9488.89	0.0	-20.0	0.0	-0.1	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls12	9977.78	0.0	-13.0	0.0	-0.1	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls12	10466.67	0.0	-7.0	0.0	-0.1	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls12	10955.56	0.0	-1.0	0.0	-0.1	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls12	11444.44	0.0	5.0	0.0	-0.1	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	11933.33	0.0	11.0	0.0	-0.1	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls12	12422.22	0.0	18.0	0.0	-0.1	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls12	12911.11	0.0	24.0	0.0	-0.1	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls12	13400	0.0	30.0	0.0	-0.1	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls12	13400	0.0	-33.0	0.0	0.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls12	13888.89	0.0	-27.0	0.0	0.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls12	14377.78	0.0	-21.0	0.0	0.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls12	14866.67	0.0	-14.0	0.0	0.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls12	15355.56	0.0	-8.0	0.0	0.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	15844.44	0.0	-2.0	0.0	0.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls12	16333.33	0.0	4.0	0.0	0.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls12	16822.22	0.0	11.0	0.0	0.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls12	17311.11	0.0	17.0	0.0	0.0	0.0	0.3
B49	866	GEO_Eqn_6.12b_nls12	17800	0.0	23.0	0.0	0.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls12	17800	0.0	-25.0	0.0	-1.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls12	18288.89	0.0	-19.0	0.0	-1.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls12	18777.78	0.0	-13.0	0.0	-1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls12	19266.67	0.0	-7.0	0.0	-1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	19755.56	0.0	-0.5	0.0	-1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls12	20244.44	0.0	6.0	0.0	-1.0	0.0	9.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls12	20733.33	0.0	12.0	0.0	-1.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls12	21222.22	0.0	18.0	0.0	-1.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls12	21711.11	0.0	24.0	0.0	-1.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls12	22200	0.0	31.0	0.0	-1.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls12	22200	0.0	-33.0	0.0	-0.2	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls12	22688.89	0.0	-27.0	0.0	-0.2	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls12	23177.78	0.0	-21.0	0.0	-0.2	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls12	23666.67	0.0	-14.0	0.0	-0.2	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls12	24155.56	0.0	-8.0	0.0	-0.2	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	24644.44	0.0	-2.0	0.0	-0.2	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls12	25133.33	0.0	4.0	0.0	-0.2	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls12	25622.22	0.0	11.0	0.0	-0.2	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls12	26111.11	0.0	17.0	0.0	-0.2	0.0	0.3
B49	866	GEO_Eqn_6.12b_nls12	26600	0.0	23.0	0.0	-0.2	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls12	26600	0.0	-26.0	0.0	-1.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls12	27088.89	0.0	-20.0	0.0	-1.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls12	27577.78	0.0	-13.0	0.0	-1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls12	28066.67	0.0	-7.0	0.0	-1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	28555.56	0.0	-1.0	0.0	-1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls12	29044.44	0.0	5.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls12	29533.33	0.0	11.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls12	30022.22	0.0	18.0	0.0	-1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls12	30511.11	0.0	24.0	0.0	-1.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls12	31000	0.0	30.0	0.0	-1.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls12	31000	0.0	-31.0	0.0	-1.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls12	31488.89	0.0	-25.0	0.0	-1.0	0.0	-15.0
B49	866	GEO_Eqn_6.12b_nls12	31977.78	0.0	-19.0	0.0	-1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls12	32466.67	0.0	-12.0	0.0	-1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls12	32955.56	0.0	-6.0	0.0	-1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls12	33444.44	0.0	0.1	0.0	-1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	33933.33	0.0	6.0	0.0	-1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls12	34422.22	0.0	13.0	0.0	-1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls12	34911.11	0.0	19.0	0.0	-1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls12	35400	0.0	25.0	0.0	-1.0	0.0	-16.0
B49	866	GEO_Eqn_6.12b_nls12	35400	0.0	-31.0	0.0	-5.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls12	35850	0.0	-25.0	0.0	-5.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls12	36300	0.0	-19.0	0.0	-5.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls12	36750	0.0	-14.0	0.0	-5.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls12	37200	0.0	-8.0	0.0	-5.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls12	37650	0.0	-2.0	0.0	-5.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls12	38100	0.0	4.0	0.0	-5.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls12	38550	0.0	9.0	0.0	-5.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls12	39000	0.0	15.0	0.0	-5.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls12	39450	0.0	21.0	0.0	-5.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls13	0	0.0	-22.0	0.0	-17.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls13	460	0.0	-16.0	0.0	-17.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls13	920	0.0	-10.0	0.0	-17.0	0.0	23.0
B49	866	GEO_Eqn_6.12b_nls13	1380	0.0	-5.0	0.0	-17.0	0.0	26.0
B49	866	GEO_Eqn_6.12b_nls13	1840	0.0	1.0	0.0	-17.0	0.0	27.0
B49	866	GEO_Eqn_6.12b_nls13	2300	0.0	7.0	0.0	-17.0	0.0	25.0
B49	866	GEO_Eqn_6.12b_nls13	2760	0.0	13.0	0.0	-17.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls13	3220	0.0	19.0	0.0	-17.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls13	3680	0.0	25.0	0.0	-17.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls13	4140	0.0	31.0	0.0	-17.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls13	4600	0.0	37.0	0.0	-17.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls13	4600	0.0	-30.0	0.0	-8.0	0.0	-27.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls13	5088.89	0.0	-24.0	0.0	-8.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls13	5577.78	0.0	-17.0	0.0	-8.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls13	6066.67	0.0	-11.0	0.0	-8.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls13	6555.56	0.0	-5.0	0.0	-8.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	7044.44	0.0	1.0	0.0	-8.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls13	7533.33	0.0	7.0	0.0	-8.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls13	8022.22	0.0	14.0	0.0	-8.0	0.0	0.5
B49	866	GEO_Eqn_6.12b_nls13	8511.11	0.0	20.0	0.0	-8.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls13	9000	0.0	26.0	0.0	-8.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls13	9000	0.0	-28.0	0.0	-3.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls13	9488.89	0.0	-21.0	0.0	-3.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls13	9977.78	0.0	-15.0	0.0	-3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls13	10466.67	0.0	-9.0	0.0	-3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	10955.56	0.0	-3.0	0.0	-3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	11444.44	0.0	3.0	0.0	-3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	11933.33	0.0	10.0	0.0	-3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	12422.22	0.0	16.0	0.0	-3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls13	12911.11	0.0	22.0	0.0	-3.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls13	13400	0.0	28.0	0.0	-3.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls13	13400	0.0	-29.0	0.0	0.1	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls13	13888.89	0.0	-22.0	0.0	0.1	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls13	14377.78	0.0	-16.0	0.0	0.1	0.0	0.0
B49	866	GEO_Eqn_6.12b_nls13	14866.67	0.0	-10.0	0.0	0.1	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls13	15355.56	0.0	-4.0	0.0	0.1	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	15844.44	0.0	2.0	0.0	0.1	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	16333.33	0.0	9.0	0.0	0.1	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	16822.22	0.0	15.0	0.0	0.1	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls13	17311.11	0.0	21.0	0.0	0.1	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls13	17800	0.0	27.0	0.0	0.1	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls13	17800	0.0	-28.0	0.0	2.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls13	18288.89	0.0	-22.0	0.0	2.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls13	18777.78	0.0	-15.0	0.0	2.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls13	19266.67	0.0	-9.0	0.0	2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	19755.56	0.0	-3.0	0.0	2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	20244.44	0.0	3.0	0.0	2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	20733.33	0.0	10.0	0.0	2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	21222.22	0.0	16.0	0.0	2.0	0.0	0.4
B49	866	GEO_Eqn_6.12b_nls13	21711.11	0.0	22.0	0.0	2.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls13	22200	0.0	28.0	0.0	2.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls13	22200	0.0	-29.0	0.0	3.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls13	22688.89	0.0	-22.0	0.0	3.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls13	23177.78	0.0	-16.0	0.0	3.0	0.0	0.0
B49	866	GEO_Eqn_6.12b_nls13	23666.67	0.0	-10.0	0.0	3.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls13	24155.56	0.0	-4.0	0.0	3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	24644.44	0.0	3.0	0.0	3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	25133.33	0.0	9.0	0.0	3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	25622.22	0.0	15.0	0.0	3.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls13	26111.11	0.0	21.0	0.0	3.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls13	26600	0.0	27.0	0.0	3.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls13	26600	0.0	-28.0	0.0	5.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls13	27088.89	0.0	-22.0	0.0	5.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls13	27577.78	0.0	-15.0	0.0	5.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls13	28066.67	0.0	-9.0	0.0	5.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	28555.56	0.0	-3.0	0.0	5.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	29044.44	0.0	3.0	0.0	5.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	29533.33	0.0	9.0	0.0	5.0	0.0	7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls13	30022.22	0.0	16.0	0.0	5.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls13	30511.11	0.0	22.0	0.0	5.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls13	31000	0.0	28.0	0.0	5.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls13	31000	0.0	-28.0	0.0	8.0	0.0	-21.0
B49	866	GEO_Eqn_6.12b_nls13	31488.89	0.0	-22.0	0.0	8.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls13	31977.78	0.0	-16.0	0.0	8.0	0.0	0.2
B49	866	GEO_Eqn_6.12b_nls13	32466.67	0.0	-10.0	0.0	8.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls13	32955.56	0.0	-3.0	0.0	8.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	33444.44	0.0	3.0	0.0	8.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls13	33933.33	0.0	9.0	0.0	8.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls13	34422.22	0.0	15.0	0.0	8.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls13	34911.11	0.0	22.0	0.0	8.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls13	35400	0.0	28.0	0.0	8.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls13	35400	0.0	-30.0	0.0	13.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls13	35850	0.0	-24.0	0.0	13.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls13	36300	0.0	-19.0	0.0	13.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls13	36750	0.0	-13.0	0.0	13.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls13	37200	0.0	-7.0	0.0	13.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls13	37650	0.0	-1.0	0.0	13.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls13	38100	0.0	4.0	0.0	13.0	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls13	38550	0.0	10.0	0.0	13.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls13	39000	0.0	16.0	0.0	13.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls13	39450	0.0	22.0	0.0	13.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls14	0	0.0	-26.0	0.0	-18.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls14	460	0.0	-20.0	0.0	-18.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls14	920	0.0	-15.0	0.0	-18.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls14	1380	0.0	-9.0	0.0	-18.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls14	1840	0.0	-3.0	0.0	-18.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls14	2300	0.0	3.0	0.0	-18.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls14	2760	0.0	9.0	0.0	-18.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls14	3220	0.0	15.0	0.0	-18.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls14	3680	0.0	21.0	0.0	-18.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls14	4140	0.0	26.0	0.0	-18.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls14	4600	0.0	32.0	0.0	-18.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls14	4600	0.0	-35.0	0.0	-8.0	0.0	-35.0
B49	866	GEO_Eqn_6.12b_nls14	5088.89	0.0	-29.0	0.0	-8.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls14	5577.78	0.0	-23.0	0.0	-8.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls14	6066.67	0.0	-17.0	0.0	-8.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls14	6555.56	0.0	-11.0	0.0	-8.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls14	7044.44	0.0	-4.0	0.0	-8.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls14	7533.33	0.0	2.0	0.0	-8.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls14	8022.22	0.0	8.0	0.0	-8.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls14	8511.11	0.0	14.0	0.0	-8.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls14	9000	0.0	21.0	0.0	-8.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls14	9000	0.0	-24.0	0.0	-4.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls14	9488.89	0.0	-17.0	0.0	-4.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls14	9977.78	0.0	-11.0	0.0	-4.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls14	10466.67	0.0	-5.0	0.0	-4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls14	10955.56	0.0	1.0	0.0	-4.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls14	11444.44	0.0	8.0	0.0	-4.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls14	11933.33	0.0	14.0	0.0	-4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls14	12422.22	0.0	20.0	0.0	-4.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls14	12911.11	0.0	26.0	0.0	-4.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls14	13400	0.0	33.0	0.0	-4.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls14	13400	0.0	-39.0	0.0	-0.1	0.0	-44.0
B49	866	GEO_Eqn_6.12b_nls14	13888.89	0.0	-33.0	0.0	-0.1	0.0	-26.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls14	14377.78	0.0	-26.0	0.0	-0.1	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls14	14866.67	0.0	-20.0	0.0	-0.1	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls14	15355.56	0.0	-14.0	0.0	-0.1	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls14	15844.44	0.0	-8.0	0.0	-0.1	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls14	16333.33	0.0	-1.0	0.0	-0.1	0.0	15.0
B49	866	GEO_Eqn_6.12b_nls14	16822.22	0.0	5.0	0.0	-0.1	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls14	17311.11	0.0	11.0	0.0	-0.1	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls14	17800	0.0	17.0	0.0	-0.1	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls14	17800	0.0	-22.0	0.0	1.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls14	18288.89	0.0	-16.0	0.0	1.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls14	18777.78	0.0	-10.0	0.0	1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls14	19266.67	0.0	-4.0	0.0	1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls14	19755.56	0.0	3.0	0.0	1.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls14	20244.44	0.0	9.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls14	20733.33	0.0	15.0	0.0	1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls14	21222.22	0.0	21.0	0.0	1.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls14	21711.11	0.0	28.0	0.0	1.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls14	22200	0.0	34.0	0.0	1.0	0.0	-33.0
B49	866	GEO_Eqn_6.12b_nls14	22200	0.0	-39.0	0.0	3.0	0.0	-44.0
B49	866	GEO_Eqn_6.12b_nls14	22688.89	0.0	-32.0	0.0	3.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls14	23177.78	0.0	-26.0	0.0	3.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls14	23666.67	0.0	-20.0	0.0	3.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls14	24155.56	0.0	-14.0	0.0	3.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls14	24644.44	0.0	-8.0	0.0	3.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls14	25133.33	0.0	-1.0	0.0	3.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls14	25622.22	0.0	5.0	0.0	3.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls14	26111.11	0.0	11.0	0.0	3.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls14	26600	0.0	17.0	0.0	3.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls14	26600	0.0	-23.0	0.0	4.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls14	27088.89	0.0	-17.0	0.0	4.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls14	27577.78	0.0	-11.0	0.0	4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls14	28066.67	0.0	-5.0	0.0	4.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls14	28555.56	0.0	1.0	0.0	4.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls14	29044.44	0.0	8.0	0.0	4.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls14	29533.33	0.0	14.0	0.0	4.0	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls14	30022.22	0.0	20.0	0.0	4.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls14	30511.11	0.0	26.0	0.0	4.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls14	31000	0.0	33.0	0.0	4.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls14	31000	0.0	-34.0	0.0	8.0	0.0	-39.0
B49	866	GEO_Eqn_6.12b_nls14	31488.89	0.0	-28.0	0.0	8.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls14	31977.78	0.0	-22.0	0.0	8.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls14	32466.67	0.0	-16.0	0.0	8.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls14	32955.56	0.0	-10.0	0.0	8.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls14	33444.44	0.0	-3.0	0.0	8.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls14	33933.33	0.0	3.0	0.0	8.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls14	34422.22	0.0	9.0	0.0	8.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls14	34911.11	0.0	15.0	0.0	8.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls14	35400	0.0	22.0	0.0	8.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls14	35400	0.0	-34.0	0.0	13.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls14	35850	0.0	-28.0	0.0	13.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls14	36300	0.0	-23.0	0.0	13.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls14	36750	0.0	-17.0	0.0	13.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls14	37200	0.0	-11.0	0.0	13.0	0.0	19.0
B49	866	GEO_Eqn_6.12b_nls14	37650	0.0	-6.0	0.0	13.0	0.0	22.0
B49	866	GEO_Eqn_6.12b_nls14	38100	0.0	0.2	0.0	13.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls14	38550	0.0	6.0	0.0	13.0	0.0	22.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls14	39000	0.0	12.0	0.0	13.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls14	39450	0.0	17.0	0.0	13.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls15	0	0.0	-16.0	0.0	7.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls15	460	0.0	-11.0	0.0	7.0	0.0	20.0
B49	866	GEO_Eqn_6.12b_nls15	920	0.0	-5.0	0.0	7.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls15	1380	0.0	1.0	0.0	7.0	0.0	24.0
B49	866	GEO_Eqn_6.12b_nls15	1840	0.0	7.0	0.0	7.0	0.0	23.0
B49	866	GEO_Eqn_6.12b_nls15	2300	0.0	13.0	0.0	7.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls15	2760	0.0	19.0	0.0	7.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls15	3220	0.0	25.0	0.0	7.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls15	3680	0.0	30.0	0.0	7.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls15	4140	0.0	36.0	0.0	7.0	0.0	-27.0
B49	866	GEO_Eqn_6.12b_nls15	4600	0.0	42.0	0.0	7.0	0.0	-45.0
B49	866	GEO_Eqn_6.12b_nls15	4600	0.0	-35.0	0.0	2.0	0.0	-35.0
B49	866	GEO_Eqn_6.12b_nls15	5088.89	0.0	-28.0	0.0	2.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls15	5577.78	0.0	-22.0	0.0	2.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls15	6066.67	0.0	-16.0	0.0	2.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls15	6555.56	0.0	-10.0	0.0	2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls15	7044.44	0.0	-3.0	0.0	2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls15	7533.33	0.0	3.0	0.0	2.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls15	8022.22	0.0	9.0	0.0	2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls15	8511.11	0.0	15.0	0.0	2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls15	9000	0.0	22.0	0.0	2.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls15	9000	0.0	-16.0	0.0	-1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls15	9488.89	0.0	-9.0	0.0	-1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls15	9977.78	0.0	-3.0	0.0	-1.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls15	10466.67	0.0	3.0	0.0	-1.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls15	10955.56	0.0	9.0	0.0	-1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls15	11444.44	0.0	16.0	0.0	-1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls15	11933.33	0.0	22.0	0.0	-1.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls15	12422.22	0.0	28.0	0.0	-1.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls15	12911.11	0.0	34.0	0.0	-1.0	0.0	-30.0
B49	866	GEO_Eqn_6.12b_nls15	13400	0.0	41.0	0.0	-1.0	0.0	-48.0
B49	866	GEO_Eqn_6.12b_nls15	13400	0.0	-35.0	0.0	-0.4	0.0	-35.0
B49	866	GEO_Eqn_6.12b_nls15	13888.89	0.0	-28.0	0.0	-0.4	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls15	14377.78	0.0	-22.0	0.0	-0.4	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls15	14866.67	0.0	-16.0	0.0	-0.4	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls15	15355.56	0.0	-10.0	0.0	-0.4	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls15	15844.44	0.0	-3.0	0.0	-0.4	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls15	16333.33	0.0	3.0	0.0	-0.4	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls15	16822.22	0.0	9.0	0.0	-0.4	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls15	17311.11	0.0	15.0	0.0	-0.4	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls15	17800	0.0	21.0	0.0	-0.4	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls15	17800	0.0	-16.0	0.0	-2.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls15	18288.89	0.0	-10.0	0.0	-2.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls15	18777.78	0.0	-3.0	0.0	-2.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls15	19266.67	0.0	3.0	0.0	-2.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls15	19755.56	0.0	9.0	0.0	-2.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls15	20244.44	0.0	15.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls15	20733.33	0.0	22.0	0.0	-2.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls15	21222.22	0.0	28.0	0.0	-2.0	0.0	-14.0
B49	866	GEO_Eqn_6.12b_nls15	21711.11	0.0	34.0	0.0	-2.0	0.0	-29.0
B49	866	GEO_Eqn_6.12b_nls15	22200	0.0	40.0	0.0	-2.0	0.0	-47.0
B49	866	GEO_Eqn_6.12b_nls15	22200	0.0	-33.0	0.0	-0.3	0.0	-34.0
B49	866	GEO_Eqn_6.12b_nls15	22688.89	0.0	-27.0	0.0	-0.3	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls15	23177.78	0.0	-21.0	0.0	-0.3	0.0	-8.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls15	23666.67	0.0	-15.0	0.0	-0.3	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls15	24155.56	0.0	-8.0	0.0	-0.3	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls15	24644.44	0.0	-2.0	0.0	-0.3	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls15	25133.33	0.0	4.0	0.0	-0.3	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls15	25622.22	0.0	10.0	0.0	-0.3	0.0	5.0
B49	866	GEO_Eqn_6.12b_nls15	26111.11	0.0	17.0	0.0	-0.3	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls15	26600	0.0	23.0	0.0	-0.3	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls15	26600	0.0	-21.0	0.0	-1.0	0.0	0.2
B49	866	GEO_Eqn_6.12b_nls15	27088.89	0.0	-14.0	0.0	-1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls15	27577.78	0.0	-8.0	0.0	-1.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls15	28066.67	0.0	-2.0	0.0	-1.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls15	28555.56	0.0	4.0	0.0	-1.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls15	29044.44	0.0	11.0	0.0	-1.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls15	29533.33	0.0	17.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls15	30022.22	0.0	23.0	0.0	-1.0	0.0	-4.0
B49	866	GEO_Eqn_6.12b_nls15	30511.11	0.0	29.0	0.0	-1.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls15	31000	0.0	35.0	0.0	-1.0	0.0	-32.0
B49	866	GEO_Eqn_6.12b_nls15	31000	0.0	-26.0	0.0	-2.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls15	31488.89	0.0	-20.0	0.0	-2.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls15	31977.78	0.0	-14.0	0.0	-2.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls15	32466.67	0.0	-8.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls15	32955.56	0.0	-1.0	0.0	-2.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls15	33444.44	0.0	5.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls15	33933.33	0.0	11.0	0.0	-2.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls15	34422.22	0.0	17.0	0.0	-2.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls15	34911.11	0.0	23.0	0.0	-2.0	0.0	-13.0
B49	866	GEO_Eqn_6.12b_nls15	35400	0.0	30.0	0.0	-2.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls15	35400	0.0	-23.0	0.0	-3.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls15	35850	0.0	-17.0	0.0	-3.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls15	36300	0.0	-11.0	0.0	-3.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls15	36750	0.0	-6.0	0.0	-3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls15	37200	0.0	0.0	0.0	-3.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls15	37650	0.0	6.0	0.0	-3.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls15	38100	0.0	11.0	0.0	-3.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls15	38550	0.0	17.0	0.0	-3.0	0.0	-3.0
B49	866	GEO_Eqn_6.12b_nls15	39000	0.0	23.0	0.0	-3.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls15	39450	0.0	29.0	0.0	-3.0	0.0	-23.0
B49	866	GEO_Eqn_6.12b_nls16	0	0.0	-25.0	0.0	7.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls16	460	0.0	-19.0	0.0	7.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls16	920	0.0	-14.0	0.0	7.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls16	1380	0.0	-8.0	0.0	7.0	0.0	16.0
B49	866	GEO_Eqn_6.12b_nls16	1840	0.0	-2.0	0.0	7.0	0.0	18.0
B49	866	GEO_Eqn_6.12b_nls16	2300	0.0	4.0	0.0	7.0	0.0	17.0
B49	866	GEO_Eqn_6.12b_nls16	2760	0.0	10.0	0.0	7.0	0.0	14.0
B49	866	GEO_Eqn_6.12b_nls16	3220	0.0	16.0	0.0	7.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls16	3680	0.0	22.0	0.0	7.0	0.0	-0.4
B49	866	GEO_Eqn_6.12b_nls16	4140	0.0	28.0	0.0	7.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls16	4600	0.0	33.0	0.0	7.0	0.0	-26.0
B49	866	GEO_Eqn_6.12b_nls16	4600	0.0	-30.0	0.0	1.0	0.0	-25.0
B49	866	GEO_Eqn_6.12b_nls16	5088.89	0.0	-23.0	0.0	1.0	0.0	-12.0
B49	866	GEO_Eqn_6.12b_nls16	5577.78	0.0	-17.0	0.0	1.0	0.0	-2.0
B49	866	GEO_Eqn_6.12b_nls16	6066.67	0.0	-11.0	0.0	1.0	0.0	4.0
B49	866	GEO_Eqn_6.12b_nls16	6555.56	0.0	-5.0	0.0	1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls16	7044.44	0.0	2.0	0.0	1.0	0.0	9.0
B49	866	GEO_Eqn_6.12b_nls16	7533.33	0.0	8.0	0.0	1.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls16	8022.22	0.0	14.0	0.0	1.0	0.0	1.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls16	8511.11	0.0	20.0	0.0	1.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls16	9000	0.0	27.0	0.0	1.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls16	9000	0.0	-26.0	0.0	-1.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls16	9488.89	0.0	-20.0	0.0	-1.0	0.0	-5.0
B49	866	GEO_Eqn_6.12b_nls16	9977.78	0.0	-14.0	0.0	-1.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls16	10466.67	0.0	-8.0	0.0	-1.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls16	10955.56	0.0	-1.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	11444.44	0.0	5.0	0.0	-1.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	11933.33	0.0	11.0	0.0	-1.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls16	12422.22	0.0	17.0	0.0	-1.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls16	12911.11	0.0	23.0	0.0	-1.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls16	13400	0.0	30.0	0.0	-1.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls16	13400	0.0	-29.0	0.0	-2.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls16	13888.89	0.0	-23.0	0.0	-2.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls16	14377.78	0.0	-16.0	0.0	-2.0	0.0	-0.3
B49	866	GEO_Eqn_6.12b_nls16	14866.67	0.0	-10.0	0.0	-2.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls16	15355.56	0.0	-4.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	15844.44	0.0	2.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	16333.33	0.0	9.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls16	16822.22	0.0	15.0	0.0	-2.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls16	17311.11	0.0	21.0	0.0	-2.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls16	17800	0.0	27.0	0.0	-2.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls16	17800	0.0	-27.0	0.0	-2.0	0.0	-17.0
B49	866	GEO_Eqn_6.12b_nls16	18288.89	0.0	-20.0	0.0	-2.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls16	18777.78	0.0	-14.0	0.0	-2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls16	19266.67	0.0	-8.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls16	19755.56	0.0	-2.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	20244.44	0.0	5.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	20733.33	0.0	11.0	0.0	-2.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls16	21222.22	0.0	17.0	0.0	-2.0	0.0	-1.0
B49	866	GEO_Eqn_6.12b_nls16	21711.11	0.0	23.0	0.0	-2.0	0.0	-11.0
B49	866	GEO_Eqn_6.12b_nls16	22200	0.0	30.0	0.0	-2.0	0.0	-24.0
B49	866	GEO_Eqn_6.12b_nls16	22200	0.0	-29.0	0.0	-2.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls16	22688.89	0.0	-22.0	0.0	-2.0	0.0	-10.0
B49	866	GEO_Eqn_6.12b_nls16	23177.78	0.0	-16.0	0.0	-2.0	0.0	-0.3
B49	866	GEO_Eqn_6.12b_nls16	23666.67	0.0	-10.0	0.0	-2.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls16	24155.56	0.0	-4.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	24644.44	0.0	2.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	25133.33	0.0	9.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls16	25622.22	0.0	15.0	0.0	-2.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls16	26111.11	0.0	21.0	0.0	-2.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls16	26600	0.0	27.0	0.0	-2.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls16	26600	0.0	-27.0	0.0	-2.0	0.0	-18.0
B49	866	GEO_Eqn_6.12b_nls16	27088.89	0.0	-21.0	0.0	-2.0	0.0	-6.0
B49	866	GEO_Eqn_6.12b_nls16	27577.78	0.0	-15.0	0.0	-2.0	0.0	3.0
B49	866	GEO_Eqn_6.12b_nls16	28066.67	0.0	-8.0	0.0	-2.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls16	28555.56	0.0	-2.0	0.0	-2.0	0.0	11.0
B49	866	GEO_Eqn_6.12b_nls16	29044.44	0.0	4.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	29533.33	0.0	10.0	0.0	-2.0	0.0	7.0
B49	866	GEO_Eqn_6.12b_nls16	30022.22	0.0	16.0	0.0	-2.0	0.0	0.3
B49	866	GEO_Eqn_6.12b_nls16	30511.11	0.0	23.0	0.0	-2.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls16	31000	0.0	29.0	0.0	-2.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls16	31000	0.0	-28.0	0.0	-2.0	0.0	-20.0
B49	866	GEO_Eqn_6.12b_nls16	31488.89	0.0	-21.0	0.0	-2.0	0.0	-8.0
B49	866	GEO_Eqn_6.12b_nls16	31977.78	0.0	-15.0	0.0	-2.0	0.0	1.0
B49	866	GEO_Eqn_6.12b_nls16	32466.67	0.0	-9.0	0.0	-2.0	0.0	7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B49	866	GEO_Eqn_6.12b_nls16	32955.56	0.0	-3.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	33444.44	0.0	3.0	0.0	-2.0	0.0	10.0
B49	866	GEO_Eqn_6.12b_nls16	33933.33	0.0	10.0	0.0	-2.0	0.0	6.0
B49	866	GEO_Eqn_6.12b_nls16	34422.22	0.0	16.0	0.0	-2.0	0.0	0.1
B49	866	GEO_Eqn_6.12b_nls16	34911.11	0.0	22.0	0.0	-2.0	0.0	-9.0
B49	866	GEO_Eqn_6.12b_nls16	35400	0.0	28.0	0.0	-2.0	0.0	-22.0
B49	866	GEO_Eqn_6.12b_nls16	35400	0.0	-29.0	0.0	-4.0	0.0	-19.0
B49	866	GEO_Eqn_6.12b_nls16	35850	0.0	-23.0	0.0	-4.0	0.0	-7.0
B49	866	GEO_Eqn_6.12b_nls16	36300	0.0	-17.0	0.0	-4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls16	36750	0.0	-11.0	0.0	-4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls16	37200	0.0	-6.0	0.0	-4.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls16	37650	0.0	0.1	0.0	-4.0	0.0	13.0
B49	866	GEO_Eqn_6.12b_nls16	38100	0.0	6.0	0.0	-4.0	0.0	12.0
B49	866	GEO_Eqn_6.12b_nls16	38550	0.0	12.0	0.0	-4.0	0.0	8.0
B49	866	GEO_Eqn_6.12b_nls16	39000	0.0	17.0	0.0	-4.0	0.0	2.0
B49	866	GEO_Eqn_6.12b_nls16	39450	0.0	23.0	0.0	-4.0	0.0	-8.0
B53	884	GEO_Eqn_6.12b_nls01	0	0.0	-61.0	0.0	18.0	0.0	-62.0
B53	884	GEO_Eqn_6.12b_nls01	465.38	0.0	-54.0	0.0	18.0	0.0	-35.0
B53	884	GEO_Eqn_6.12b_nls01	930.76	0.0	-47.0	0.0	18.0	0.0	-12.0
B53	884	GEO_Eqn_6.12b_nls01	1396.13	0.0	-40.0	0.0	18.0	0.0	8.0
B53	884	GEO_Eqn_6.12b_nls01	1861.51	0.0	-33.0	0.0	18.0	0.0	25.0
B53	884	GEO_Eqn_6.12b_nls01	2326.89	0.0	-26.0	0.0	18.0	0.0	39.0
B53	884	GEO_Eqn_6.12b_nls01	2792.27	0.0	-19.0	0.0	18.0	0.0	49.0
B53	884	GEO_Eqn_6.12b_nls01	3257.64	0.0	-12.0	0.0	18.0	0.0	56.0
B53	884	GEO_Eqn_6.12b_nls01	3723.02	0.0	-5.0	0.0	18.0	0.0	60.0
B53	884	GEO_Eqn_6.12b_nls01	4188.4	0.0	2.0	0.0	18.0	0.0	61.0
B53	884	GEO_Eqn_6.12b_nls01	4653.78	0.0	9.0	0.0	18.0	0.0	59.0
B53	884	GEO_Eqn_6.12b_nls01	5119.16	0.0	16.0	0.0	18.0	0.0	53.0
B53	884	GEO_Eqn_6.12b_nls01	5584.53	0.0	23.0	0.0	18.0	0.0	44.0
B53	884	GEO_Eqn_6.12b_nls01	6049.91	0.0	29.0	0.0	18.0	0.0	32.0
B53	884	GEO_Eqn_6.12b_nls01	6515.29	0.0	36.0	0.0	18.0	0.0	17.0
B53	884	GEO_Eqn_6.12b_nls02	0	0.0	-58.0	0.0	19.0	0.0	-59.0
B53	884	GEO_Eqn_6.12b_nls02	465.38	0.0	-52.0	0.0	19.0	0.0	-34.0
B53	884	GEO_Eqn_6.12b_nls02	930.76	0.0	-45.0	0.0	19.0	0.0	-11.0
B53	884	GEO_Eqn_6.12b_nls02	1396.13	0.0	-38.0	0.0	19.0	0.0	8.0
B53	884	GEO_Eqn_6.12b_nls02	1861.51	0.0	-31.0	0.0	19.0	0.0	24.0
B53	884	GEO_Eqn_6.12b_nls02	2326.89	0.0	-24.0	0.0	19.0	0.0	36.0
B53	884	GEO_Eqn_6.12b_nls02	2792.27	0.0	-17.0	0.0	19.0	0.0	46.0
B53	884	GEO_Eqn_6.12b_nls02	3257.64	0.0	-10.0	0.0	19.0	0.0	52.0
B53	884	GEO_Eqn_6.12b_nls02	3723.02	0.0	-3.0	0.0	19.0	0.0	55.0
B53	884	GEO_Eqn_6.12b_nls02	4188.4	0.0	4.0	0.0	19.0	0.0	55.0
B53	884	GEO_Eqn_6.12b_nls02	4653.78	0.0	11.0	0.0	19.0	0.0	52.0
B53	884	GEO_Eqn_6.12b_nls02	5119.16	0.0	18.0	0.0	19.0	0.0	45.0
B53	884	GEO_Eqn_6.12b_nls02	5584.53	0.0	25.0	0.0	19.0	0.0	35.0
B53	884	GEO_Eqn_6.12b_nls02	6049.91	0.0	32.0	0.0	19.0	0.0	22.0
B53	884	GEO_Eqn_6.12b_nls02	6515.29	0.0	38.0	0.0	19.0	0.0	6.0
B53	884	GEO_Eqn_6.12b_nls03	0	0.0	-58.0	0.0	-7.0	0.0	-61.0
B53	884	GEO_Eqn_6.12b_nls03	465.38	0.0	-51.0	0.0	-7.0	0.0	-36.0
B53	884	GEO_Eqn_6.12b_nls03	930.76	0.0	-44.0	0.0	-7.0	0.0	-13.0
B53	884	GEO_Eqn_6.12b_nls03	1396.13	0.0	-37.0	0.0	-7.0	0.0	6.0
B53	884	GEO_Eqn_6.12b_nls03	1861.51	0.0	-30.0	0.0	-7.0	0.0	21.0
B53	884	GEO_Eqn_6.12b_nls03	2326.89	0.0	-23.0	0.0	-7.0	0.0	34.0
B53	884	GEO_Eqn_6.12b_nls03	2792.27	0.0	-17.0	0.0	-7.0	0.0	43.0
B53	884	GEO_Eqn_6.12b_nls03	3257.64	0.0	-10.0	0.0	-7.0	0.0	49.0
B53	884	GEO_Eqn_6.12b_nls03	3723.02	0.0	-3.0	0.0	-7.0	0.0	52.0
B53	884	GEO_Eqn_6.12b_nls03	4188.4	0.0	4.0	0.0	-7.0	0.0	52.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B53	884	GEO_Eqn_6.12b_nls03	4653.78	0.0	11.0	0.0	-7.0	0.0	48.0
B53	884	GEO_Eqn_6.12b_nls03	5119.16	0.0	18.0	0.0	-7.0	0.0	41.0
B53	884	GEO_Eqn_6.12b_nls03	5584.53	0.0	25.0	0.0	-7.0	0.0	31.0
B53	884	GEO_Eqn_6.12b_nls03	6049.91	0.0	32.0	0.0	-7.0	0.0	18.0
B53	884	GEO_Eqn_6.12b_nls03	6515.29	0.0	39.0	0.0	-7.0	0.0	2.0
B53	884	GEO_Eqn_6.12b_nls04	0	0.0	-53.0	0.0	-7.0	0.0	-54.0
B53	884	GEO_Eqn_6.12b_nls04	465.38	0.0	-46.0	0.0	-7.0	0.0	-31.0
B53	884	GEO_Eqn_6.12b_nls04	930.76	0.0	-40.0	0.0	-7.0	0.0	-11.0
B53	884	GEO_Eqn_6.12b_nls04	1396.13	0.0	-33.0	0.0	-7.0	0.0	6.0
B53	884	GEO_Eqn_6.12b_nls04	1861.51	0.0	-26.0	0.0	-7.0	0.0	20.0
B53	884	GEO_Eqn_6.12b_nls04	2326.89	0.0	-19.0	0.0	-7.0	0.0	30.0
B53	884	GEO_Eqn_6.12b_nls04	2792.27	0.0	-12.0	0.0	-7.0	0.0	37.0
B53	884	GEO_Eqn_6.12b_nls04	3257.64	0.0	-5.0	0.0	-7.0	0.0	41.0
B53	884	GEO_Eqn_6.12b_nls04	3723.02	0.0	2.0	0.0	-7.0	0.0	42.0
B53	884	GEO_Eqn_6.12b_nls04	4188.4	0.0	9.0	0.0	-7.0	0.0	39.0
B53	884	GEO_Eqn_6.12b_nls04	4653.78	0.0	16.0	0.0	-7.0	0.0	33.0
B53	884	GEO_Eqn_6.12b_nls04	5119.16	0.0	23.0	0.0	-7.0	0.0	24.0
B53	884	GEO_Eqn_6.12b_nls04	5584.53	0.0	30.0	0.0	-7.0	0.0	12.0
B53	884	GEO_Eqn_6.12b_nls04	6049.91	0.0	37.0	0.0	-7.0	0.0	-3.0
B53	884	GEO_Eqn_6.12b_nls04	6515.29	0.0	43.0	0.0	-7.0	0.0	-22.0
B53	884	GEO_Eqn_6.12b_nls05	0	0.0	-60.0	0.0	19.0	0.0	-61.0
B53	884	GEO_Eqn_6.12b_nls05	465.38	0.0	-53.0	0.0	19.0	0.0	-35.0
B53	884	GEO_Eqn_6.12b_nls05	930.76	0.0	-46.0	0.0	19.0	0.0	-12.0
B53	884	GEO_Eqn_6.12b_nls05	1396.13	0.0	-39.0	0.0	19.0	0.0	8.0
B53	884	GEO_Eqn_6.12b_nls05	1861.51	0.0	-32.0	0.0	19.0	0.0	25.0
B53	884	GEO_Eqn_6.12b_nls05	2326.89	0.0	-26.0	0.0	19.0	0.0	38.0
B53	884	GEO_Eqn_6.12b_nls05	2792.27	0.0	-19.0	0.0	19.0	0.0	49.0
B53	884	GEO_Eqn_6.12b_nls05	3257.64	0.0	-12.0	0.0	19.0	0.0	56.0
B53	884	GEO_Eqn_6.12b_nls05	3723.02	0.0	-5.0	0.0	19.0	0.0	59.0
B53	884	GEO_Eqn_6.12b_nls05	4188.4	0.0	2.0	0.0	19.0	0.0	60.0
B53	884	GEO_Eqn_6.12b_nls05	4653.78	0.0	9.0	0.0	19.0	0.0	57.0
B53	884	GEO_Eqn_6.12b_nls05	5119.16	0.0	16.0	0.0	19.0	0.0	52.0
B53	884	GEO_Eqn_6.12b_nls05	5584.53	0.0	23.0	0.0	19.0	0.0	43.0
B53	884	GEO_Eqn_6.12b_nls05	6049.91	0.0	30.0	0.0	19.0	0.0	30.0
B53	884	GEO_Eqn_6.12b_nls05	6515.29	0.0	37.0	0.0	19.0	0.0	15.0
B53	884	GEO_Eqn_6.12b_nls06	0	0.0	-56.0	0.0	20.0	0.0	-55.0
B53	884	GEO_Eqn_6.12b_nls06	465.38	0.0	-49.0	0.0	20.0	0.0	-31.0
B53	884	GEO_Eqn_6.12b_nls06	930.76	0.0	-42.0	0.0	20.0	0.0	-10.0
B53	884	GEO_Eqn_6.12b_nls06	1396.13	0.0	-35.0	0.0	20.0	0.0	8.0
B53	884	GEO_Eqn_6.12b_nls06	1861.51	0.0	-28.0	0.0	20.0	0.0	23.0
B53	884	GEO_Eqn_6.12b_nls06	2326.89	0.0	-21.0	0.0	20.0	0.0	34.0
B53	884	GEO_Eqn_6.12b_nls06	2792.27	0.0	-14.0	0.0	20.0	0.0	42.0
B53	884	GEO_Eqn_6.12b_nls06	3257.64	0.0	-7.0	0.0	20.0	0.0	48.0
B53	884	GEO_Eqn_6.12b_nls06	3723.02	0.0	-0.4	0.0	20.0	0.0	49.0
B53	884	GEO_Eqn_6.12b_nls06	4188.4	0.0	6.0	0.0	20.0	0.0	48.0
B53	884	GEO_Eqn_6.12b_nls06	4653.78	0.0	13.0	0.0	20.0	0.0	43.0
B53	884	GEO_Eqn_6.12b_nls06	5119.16	0.0	20.0	0.0	20.0	0.0	35.0
B53	884	GEO_Eqn_6.12b_nls06	5584.53	0.0	27.0	0.0	20.0	0.0	24.0
B53	884	GEO_Eqn_6.12b_nls06	6049.91	0.0	34.0	0.0	20.0	0.0	10.0
B53	884	GEO_Eqn_6.12b_nls06	6515.29	0.0	41.0	0.0	20.0	0.0	-7.0
B53	884	GEO_Eqn_6.12b_nls07	0	0.0	-59.0	0.0	-7.0	0.0	-62.0
B53	884	GEO_Eqn_6.12b_nls07	465.38	0.0	-52.0	0.0	-7.0	0.0	-36.0
B53	884	GEO_Eqn_6.12b_nls07	930.76	0.0	-45.0	0.0	-7.0	0.0	-14.0
B53	884	GEO_Eqn_6.12b_nls07	1396.13	0.0	-38.0	0.0	-7.0	0.0	6.0
B53	884	GEO_Eqn_6.12b_nls07	1861.51	0.0	-31.0	0.0	-7.0	0.0	22.0
B53	884	GEO_Eqn_6.12b_nls07	2326.89	0.0	-24.0	0.0	-7.0	0.0	34.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B53	884	GEO_Eqn_6.12b_nls07	2792.27	0.0	-17.0	0.0	-7.0	0.0	44.0
B53	884	GEO_Eqn_6.12b_nls07	3257.64	0.0	-10.0	0.0	-7.0	0.0	50.0
B53	884	GEO_Eqn_6.12b_nls07	3723.02	0.0	-3.0	0.0	-7.0	0.0	53.0
B53	884	GEO_Eqn_6.12b_nls07	4188.4	0.0	4.0	0.0	-7.0	0.0	53.0
B53	884	GEO_Eqn_6.12b_nls07	4653.78	0.0	11.0	0.0	-7.0	0.0	50.0
B53	884	GEO_Eqn_6.12b_nls07	5119.16	0.0	18.0	0.0	-7.0	0.0	43.0
B53	884	GEO_Eqn_6.12b_nls07	5584.53	0.0	25.0	0.0	-7.0	0.0	33.0
B53	884	GEO_Eqn_6.12b_nls07	6049.91	0.0	31.0	0.0	-7.0	0.0	20.0
B53	884	GEO_Eqn_6.12b_nls07	6515.29	0.0	38.0	0.0	-7.0	0.0	4.0
B53	884	GEO_Eqn_6.12b_nls08	0	0.0	-54.0	0.0	-7.0	0.0	-55.0
B53	884	GEO_Eqn_6.12b_nls08	465.38	0.0	-47.0	0.0	-7.0	0.0	-31.0
B53	884	GEO_Eqn_6.12b_nls08	930.76	0.0	-40.0	0.0	-7.0	0.0	-11.0
B53	884	GEO_Eqn_6.12b_nls08	1396.13	0.0	-33.0	0.0	-7.0	0.0	6.0
B53	884	GEO_Eqn_6.12b_nls08	1861.51	0.0	-26.0	0.0	-7.0	0.0	20.0
B53	884	GEO_Eqn_6.12b_nls08	2326.89	0.0	-19.0	0.0	-7.0	0.0	30.0
B53	884	GEO_Eqn_6.12b_nls08	2792.27	0.0	-12.0	0.0	-7.0	0.0	38.0
B53	884	GEO_Eqn_6.12b_nls08	3257.64	0.0	-5.0	0.0	-7.0	0.0	42.0
B53	884	GEO_Eqn_6.12b_nls08	3723.02	0.0	1.0	0.0	-7.0	0.0	43.0
B53	884	GEO_Eqn_6.12b_nls08	4188.4	0.0	8.0	0.0	-7.0	0.0	41.0
B53	884	GEO_Eqn_6.12b_nls08	4653.78	0.0	15.0	0.0	-7.0	0.0	35.0
B53	884	GEO_Eqn_6.12b_nls08	5119.16	0.0	22.0	0.0	-7.0	0.0	26.0
B53	884	GEO_Eqn_6.12b_nls08	5584.53	0.0	29.0	0.0	-7.0	0.0	14.0
B53	884	GEO_Eqn_6.12b_nls08	6049.91	0.0	36.0	0.0	-7.0	0.0	-1.0
B53	884	GEO_Eqn_6.12b_nls08	6515.29	0.0	43.0	0.0	-7.0	0.0	-19.0
B53	884	GEO_Eqn_6.12b_nls09	0	0.0	-64.0	0.0	8.0	0.0	-67.0
B53	884	GEO_Eqn_6.12b_nls09	465.38	0.0	-57.0	0.0	8.0	0.0	-39.0
B53	884	GEO_Eqn_6.12b_nls09	930.76	0.0	-50.0	0.0	8.0	0.0	-14.0
B53	884	GEO_Eqn_6.12b_nls09	1396.13	0.0	-43.0	0.0	8.0	0.0	8.0
B53	884	GEO_Eqn_6.12b_nls09	1861.51	0.0	-36.0	0.0	8.0	0.0	26.0
B53	884	GEO_Eqn_6.12b_nls09	2326.89	0.0	-29.0	0.0	8.0	0.0	42.0
B53	884	GEO_Eqn_6.12b_nls09	2792.27	0.0	-23.0	0.0	8.0	0.0	54.0
B53	884	GEO_Eqn_6.12b_nls09	3257.64	0.0	-16.0	0.0	8.0	0.0	63.0
B53	884	GEO_Eqn_6.12b_nls09	3723.02	0.0	-9.0	0.0	8.0	0.0	68.0
B53	884	GEO_Eqn_6.12b_nls09	4188.4	0.0	-2.0	0.0	8.0	0.0	71.0
B53	884	GEO_Eqn_6.12b_nls09	4653.78	0.0	5.0	0.0	8.0	0.0	70.0
B53	884	GEO_Eqn_6.12b_nls09	5119.16	0.0	12.0	0.0	8.0	0.0	66.0
B53	884	GEO_Eqn_6.12b_nls09	5584.53	0.0	19.0	0.0	8.0	0.0	59.0
B53	884	GEO_Eqn_6.12b_nls09	6049.91	0.0	26.0	0.0	8.0	0.0	48.0
B53	884	GEO_Eqn_6.12b_nls09	6515.29	0.0	33.0	0.0	8.0	0.0	35.0
B53	884	GEO_Eqn_6.12b_nls10	0	0.0	-64.0	0.0	0.1	0.0	-67.0
B53	884	GEO_Eqn_6.12b_nls10	465.38	0.0	-57.0	0.0	0.1	0.0	-39.0
B53	884	GEO_Eqn_6.12b_nls10	930.76	0.0	-50.0	0.0	0.1	0.0	-15.0
B53	884	GEO_Eqn_6.12b_nls10	1396.13	0.0	-43.0	0.0	0.1	0.0	7.0
B53	884	GEO_Eqn_6.12b_nls10	1861.51	0.0	-36.0	0.0	0.1	0.0	25.0
B53	884	GEO_Eqn_6.12b_nls10	2326.89	0.0	-29.0	0.0	0.1	0.0	41.0
B53	884	GEO_Eqn_6.12b_nls10	2792.27	0.0	-22.0	0.0	0.1	0.0	52.0
B53	884	GEO_Eqn_6.12b_nls10	3257.64	0.0	-15.0	0.0	0.1	0.0	61.0
B53	884	GEO_Eqn_6.12b_nls10	3723.02	0.0	-8.0	0.0	0.1	0.0	67.0
B53	884	GEO_Eqn_6.12b_nls10	4188.4	0.0	-1.0	0.0	0.1	0.0	69.0
B53	884	GEO_Eqn_6.12b_nls10	4653.78	0.0	6.0	0.0	0.1	0.0	68.0
B53	884	GEO_Eqn_6.12b_nls10	5119.16	0.0	12.0	0.0	0.1	0.0	64.0
B53	884	GEO_Eqn_6.12b_nls10	5584.53	0.0	19.0	0.0	0.1	0.0	56.0
B53	884	GEO_Eqn_6.12b_nls10	6049.91	0.0	26.0	0.0	0.1	0.0	46.0
B53	884	GEO_Eqn_6.12b_nls10	6515.29	0.0	33.0	0.0	0.1	0.0	32.0
B53	884	GEO_Eqn_6.12b_nls11	0	0.0	-50.0	0.0	9.0	0.0	-48.0
B53	884	GEO_Eqn_6.12b_nls11	465.38	0.0	-43.0	0.0	9.0	0.0	-27.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B53	884	GEO_Eqn_6.12b_nls11	930.76	0.0	-37.0	0.0	9.0	0.0	-8.0
B53	884	GEO_Eqn_6.12b_nls11	1396.13	0.0	-30.0	0.0	9.0	0.0	7.0
B53	884	GEO_Eqn_6.12b_nls11	1861.51	0.0	-23.0	0.0	9.0	0.0	20.0
B53	884	GEO_Eqn_6.12b_nls11	2326.89	0.0	-16.0	0.0	9.0	0.0	29.0
B53	884	GEO_Eqn_6.12b_nls11	2792.27	0.0	-9.0	0.0	9.0	0.0	34.0
B53	884	GEO_Eqn_6.12b_nls11	3257.64	0.0	-2.0	0.0	9.0	0.0	37.0
B53	884	GEO_Eqn_6.12b_nls11	3723.02	0.0	5.0	0.0	9.0	0.0	36.0
B53	884	GEO_Eqn_6.12b_nls11	4188.4	0.0	12.0	0.0	9.0	0.0	32.0
B53	884	GEO_Eqn_6.12b_nls11	4653.78	0.0	19.0	0.0	9.0	0.0	25.0
B53	884	GEO_Eqn_6.12b_nls11	5119.16	0.0	26.0	0.0	9.0	0.0	15.0
B53	884	GEO_Eqn_6.12b_nls11	5584.53	0.0	33.0	0.0	9.0	0.0	1.0
B53	884	GEO_Eqn_6.12b_nls11	6049.91	0.0	40.0	0.0	9.0	0.0	-16.0
B53	884	GEO_Eqn_6.12b_nls11	6515.29	0.0	46.0	0.0	9.0	0.0	-36.0
B53	884	GEO_Eqn_6.12b_nls12	0	0.0	-50.0	0.0	1.0	0.0	-48.0
B53	884	GEO_Eqn_6.12b_nls12	465.38	0.0	-43.0	0.0	1.0	0.0	-27.0
B53	884	GEO_Eqn_6.12b_nls12	930.76	0.0	-36.0	0.0	1.0	0.0	-8.0
B53	884	GEO_Eqn_6.12b_nls12	1396.13	0.0	-29.0	0.0	1.0	0.0	7.0
B53	884	GEO_Eqn_6.12b_nls12	1861.51	0.0	-22.0	0.0	1.0	0.0	19.0
B53	884	GEO_Eqn_6.12b_nls12	2326.89	0.0	-15.0	0.0	1.0	0.0	27.0
B53	884	GEO_Eqn_6.12b_nls12	2792.27	0.0	-8.0	0.0	1.0	0.0	33.0
B53	884	GEO_Eqn_6.12b_nls12	3257.64	0.0	-1.0	0.0	1.0	0.0	35.0
B53	884	GEO_Eqn_6.12b_nls12	3723.02	0.0	6.0	0.0	1.0	0.0	34.0
B53	884	GEO_Eqn_6.12b_nls12	4188.4	0.0	13.0	0.0	1.0	0.0	30.0
B53	884	GEO_Eqn_6.12b_nls12	4653.78	0.0	20.0	0.0	1.0	0.0	22.0
B53	884	GEO_Eqn_6.12b_nls12	5119.16	0.0	26.0	0.0	1.0	0.0	12.0
B53	884	GEO_Eqn_6.12b_nls12	5584.53	0.0	33.0	0.0	1.0	0.0	-2.0
B53	884	GEO_Eqn_6.12b_nls12	6049.91	0.0	40.0	0.0	1.0	0.0	-19.0
B53	884	GEO_Eqn_6.12b_nls12	6515.29	0.0	47.0	0.0	1.0	0.0	-40.0
B53	884	GEO_Eqn_6.12b_nls13	0	0.0	-65.0	0.0	5.0	0.0	-69.0
B53	884	GEO_Eqn_6.12b_nls13	465.38	0.0	-58.0	0.0	5.0	0.0	-40.0
B53	884	GEO_Eqn_6.12b_nls13	930.76	0.0	-51.0	0.0	5.0	0.0	-14.0
B53	884	GEO_Eqn_6.12b_nls13	1396.13	0.0	-44.0	0.0	5.0	0.0	8.0
B53	884	GEO_Eqn_6.12b_nls13	1861.51	0.0	-38.0	0.0	5.0	0.0	27.0
B53	884	GEO_Eqn_6.12b_nls13	2326.89	0.0	-31.0	0.0	5.0	0.0	43.0
B53	884	GEO_Eqn_6.12b_nls13	2792.27	0.0	-24.0	0.0	5.0	0.0	56.0
B53	884	GEO_Eqn_6.12b_nls13	3257.64	0.0	-17.0	0.0	5.0	0.0	65.0
B53	884	GEO_Eqn_6.12b_nls13	3723.02	0.0	-10.0	0.0	5.0	0.0	71.0
B53	884	GEO_Eqn_6.12b_nls13	4188.4	0.0	-3.0	0.0	5.0	0.0	74.0
B53	884	GEO_Eqn_6.12b_nls13	4653.78	0.0	4.0	0.0	5.0	0.0	74.0
B53	884	GEO_Eqn_6.12b_nls13	5119.16	0.0	11.0	0.0	5.0	0.0	71.0
B53	884	GEO_Eqn_6.12b_nls13	5584.53	0.0	18.0	0.0	5.0	0.0	64.0
B53	884	GEO_Eqn_6.12b_nls13	6049.91	0.0	25.0	0.0	5.0	0.0	54.0
B53	884	GEO_Eqn_6.12b_nls13	6515.29	0.0	32.0	0.0	5.0	0.0	41.0
B53	884	GEO_Eqn_6.12b_nls14	0	0.0	-65.0	0.0	-1.0	0.0	-69.0
B53	884	GEO_Eqn_6.12b_nls14	465.38	0.0	-58.0	0.0	-1.0	0.0	-40.0
B53	884	GEO_Eqn_6.12b_nls14	930.76	0.0	-51.0	0.0	-1.0	0.0	-15.0
B53	884	GEO_Eqn_6.12b_nls14	1396.13	0.0	-44.0	0.0	-1.0	0.0	7.0
B53	884	GEO_Eqn_6.12b_nls14	1861.51	0.0	-37.0	0.0	-1.0	0.0	26.0
B53	884	GEO_Eqn_6.12b_nls14	2326.89	0.0	-30.0	0.0	-1.0	0.0	42.0
B53	884	GEO_Eqn_6.12b_nls14	2792.27	0.0	-23.0	0.0	-1.0	0.0	55.0
B53	884	GEO_Eqn_6.12b_nls14	3257.64	0.0	-17.0	0.0	-1.0	0.0	64.0
B53	884	GEO_Eqn_6.12b_nls14	3723.02	0.0	-10.0	0.0	-1.0	0.0	70.0
B53	884	GEO_Eqn_6.12b_nls14	4188.4	0.0	-3.0	0.0	-1.0	0.0	73.0
B53	884	GEO_Eqn_6.12b_nls14	4653.78	0.0	4.0	0.0	-1.0	0.0	73.0
B53	884	GEO_Eqn_6.12b_nls14	5119.16	0.0	11.0	0.0	-1.0	0.0	69.0
B53	884	GEO_Eqn_6.12b_nls14	5584.53	0.0	18.0	0.0	-1.0	0.0	62.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B53	884	GEO_Eqn_6.12b_nls14	6049.91	0.0	25.0	0.0	-1.0	0.0	52.0
B53	884	GEO_Eqn_6.12b_nls14	6515.29	0.0	32.0	0.0	-1.0	0.0	39.0
B53	884	GEO_Eqn_6.12b_nls15	0	0.0	-49.0	0.0	12.0	0.0	-47.0
B53	884	GEO_Eqn_6.12b_nls15	465.38	0.0	-42.0	0.0	12.0	0.0	-25.0
B53	884	GEO_Eqn_6.12b_nls15	930.76	0.0	-36.0	0.0	12.0	0.0	-7.0
B53	884	GEO_Eqn_6.12b_nls15	1396.13	0.0	-29.0	0.0	12.0	0.0	8.0
B53	884	GEO_Eqn_6.12b_nls15	1861.51	0.0	-22.0	0.0	12.0	0.0	19.0
B53	884	GEO_Eqn_6.12b_nls15	2326.89	0.0	-15.0	0.0	12.0	0.0	28.0
B53	884	GEO_Eqn_6.12b_nls15	2792.27	0.0	-8.0	0.0	12.0	0.0	33.0
B53	884	GEO_Eqn_6.12b_nls15	3257.64	0.0	-1.0	0.0	12.0	0.0	35.0
B53	884	GEO_Eqn_6.12b_nls15	3723.02	0.0	6.0	0.0	12.0	0.0	34.0
B53	884	GEO_Eqn_6.12b_nls15	4188.4	0.0	13.0	0.0	12.0	0.0	29.0
B53	884	GEO_Eqn_6.12b_nls15	4653.78	0.0	20.0	0.0	12.0	0.0	22.0
B53	884	GEO_Eqn_6.12b_nls15	5119.16	0.0	27.0	0.0	12.0	0.0	11.0
B53	884	GEO_Eqn_6.12b_nls15	5584.53	0.0	34.0	0.0	12.0	0.0	-3.0
B53	884	GEO_Eqn_6.12b_nls15	6049.91	0.0	41.0	0.0	12.0	0.0	-20.0
B53	884	GEO_Eqn_6.12b_nls15	6515.29	0.0	48.0	0.0	12.0	0.0	-41.0
B53	884	GEO_Eqn_6.12b_nls16	0	0.0	-48.0	0.0	2.0	0.0	-46.0
B53	884	GEO_Eqn_6.12b_nls16	465.38	0.0	-41.0	0.0	2.0	0.0	-25.0
B53	884	GEO_Eqn_6.12b_nls16	930.76	0.0	-35.0	0.0	2.0	0.0	-8.0
B53	884	GEO_Eqn_6.12b_nls16	1396.13	0.0	-28.0	0.0	2.0	0.0	7.0
B53	884	GEO_Eqn_6.12b_nls16	1861.51	0.0	-21.0	0.0	2.0	0.0	18.0
B53	884	GEO_Eqn_6.12b_nls16	2326.89	0.0	-14.0	0.0	2.0	0.0	26.0
B53	884	GEO_Eqn_6.12b_nls16	2792.27	0.0	-7.0	0.0	2.0	0.0	31.0
B53	884	GEO_Eqn_6.12b_nls16	3257.64	0.0	0.1	0.0	2.0	0.0	33.0
B53	884	GEO_Eqn_6.12b_nls16	3723.02	0.0	7.0	0.0	2.0	0.0	31.0
B53	884	GEO_Eqn_6.12b_nls16	4188.4	0.0	14.0	0.0	2.0	0.0	26.0
B53	884	GEO_Eqn_6.12b_nls16	4653.78	0.0	21.0	0.0	2.0	0.0	18.0
B53	884	GEO_Eqn_6.12b_nls16	5119.16	0.0	28.0	0.0	2.0	0.0	7.0
B53	884	GEO_Eqn_6.12b_nls16	5584.53	0.0	35.0	0.0	2.0	0.0	-8.0
B53	884	GEO_Eqn_6.12b_nls16	6049.91	0.0	42.0	0.0	2.0	0.0	-26.0
B53	884	GEO_Eqn_6.12b_nls16	6515.29	0.0	49.0	0.0	2.0	0.0	-47.0
B56	867	GEO_Eqn_6.12b_nls01	0	0.0	-32.0	0.0	12.0	0.0	3.0
B56	867	GEO_Eqn_6.12b_nls01	495.24	0.0	-26.0	0.0	12.0	0.0	17.0
B56	867	GEO_Eqn_6.12b_nls01	990.49	0.0	-19.0	0.0	12.0	0.0	28.0
B56	867	GEO_Eqn_6.12b_nls01	1485.73	0.0	-13.0	0.0	12.0	0.0	36.0
B56	867	GEO_Eqn_6.12b_nls01	1980.97	0.0	-7.0	0.0	12.0	0.0	41.0
B56	867	GEO_Eqn_6.12b_nls01	2476.21	0.0	-0.4	0.0	12.0	0.0	43.0
B56	867	GEO_Eqn_6.12b_nls01	2971.46	0.0	6.0	0.0	12.0	0.0	42.0
B56	867	GEO_Eqn_6.12b_nls01	3466.7	0.0	12.0	0.0	12.0	0.0	37.0
B56	867	GEO_Eqn_6.12b_nls01	3961.94	0.0	19.0	0.0	12.0	0.0	29.0
B56	867	GEO_Eqn_6.12b_nls01	4457.19	0.0	25.0	0.0	12.0	0.0	19.0
B56	867	GEO_Eqn_6.12b_nls01	4952.43	0.0	31.0	0.0	12.0	0.0	5.0
B56	867	GEO_Eqn_6.12b_nls01	5447.67	0.0	38.0	0.0	12.0	0.0	-12.0
B56	867	GEO_Eqn_6.12b_nls01	5942.92	0.0	44.0	0.0	12.0	0.0	-32.0
B56	867	GEO_Eqn_6.12b_nls01	6438.16	0.0	50.0	0.0	12.0	0.0	-56.0
B56	867	GEO_Eqn_6.12b_nls02	0	0.0	-34.0	0.0	12.0	0.0	-6.0
B56	867	GEO_Eqn_6.12b_nls02	495.24	0.0	-28.0	0.0	12.0	0.0	9.0
B56	867	GEO_Eqn_6.12b_nls02	990.49	0.0	-21.0	0.0	12.0	0.0	21.0
B56	867	GEO_Eqn_6.12b_nls02	1485.73	0.0	-15.0	0.0	12.0	0.0	30.0
B56	867	GEO_Eqn_6.12b_nls02	1980.97	0.0	-9.0	0.0	12.0	0.0	36.0
B56	867	GEO_Eqn_6.12b_nls02	2476.21	0.0	-2.0	0.0	12.0	0.0	39.0
B56	867	GEO_Eqn_6.12b_nls02	2971.46	0.0	4.0	0.0	12.0	0.0	38.0
B56	867	GEO_Eqn_6.12b_nls02	3466.7	0.0	10.0	0.0	12.0	0.0	35.0
B56	867	GEO_Eqn_6.12b_nls02	3961.94	0.0	17.0	0.0	12.0	0.0	28.0
B56	867	GEO_Eqn_6.12b_nls02	4457.19	0.0	23.0	0.0	12.0	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B56	867	GEO_Eqn_6.12b_nls02	4952.43	0.0	29.0	0.0	12.0	0.0	6.0
B56	867	GEO_Eqn_6.12b_nls02	5447.67	0.0	36.0	0.0	12.0	0.0	-11.0
B56	867	GEO_Eqn_6.12b_nls02	5942.92	0.0	42.0	0.0	12.0	0.0	-30.0
B56	867	GEO_Eqn_6.12b_nls02	6438.16	0.0	48.0	0.0	12.0	0.0	-52.0
B56	867	GEO_Eqn_6.12b_nls03	0	0.0	-31.0	0.0	-6.0	0.0	10.0
B56	867	GEO_Eqn_6.12b_nls03	495.24	0.0	-25.0	0.0	-6.0	0.0	24.0
B56	867	GEO_Eqn_6.12b_nls03	990.49	0.0	-18.0	0.0	-6.0	0.0	34.0
B56	867	GEO_Eqn_6.12b_nls03	1485.73	0.0	-12.0	0.0	-6.0	0.0	42.0
B56	867	GEO_Eqn_6.12b_nls03	1980.97	0.0	-6.0	0.0	-6.0	0.0	46.0
B56	867	GEO_Eqn_6.12b_nls03	2476.21	0.0	1.0	0.0	-6.0	0.0	47.0
B56	867	GEO_Eqn_6.12b_nls03	2971.46	0.0	7.0	0.0	-6.0	0.0	45.0
B56	867	GEO_Eqn_6.12b_nls03	3466.7	0.0	13.0	0.0	-6.0	0.0	40.0
B56	867	GEO_Eqn_6.12b_nls03	3961.94	0.0	20.0	0.0	-6.0	0.0	32.0
B56	867	GEO_Eqn_6.12b_nls03	4457.19	0.0	26.0	0.0	-6.0	0.0	21.0
B56	867	GEO_Eqn_6.12b_nls03	4952.43	0.0	32.0	0.0	-6.0	0.0	7.0
B56	867	GEO_Eqn_6.12b_nls03	5447.67	0.0	38.0	0.0	-6.0	0.0	-11.0
B56	867	GEO_Eqn_6.12b_nls03	5942.92	0.0	45.0	0.0	-6.0	0.0	-31.0
B56	867	GEO_Eqn_6.12b_nls03	6438.16	0.0	51.0	0.0	-6.0	0.0	-55.0
B56	867	GEO_Eqn_6.12b_nls04	0	0.0	-35.0	0.0	-6.0	0.0	-9.0
B56	867	GEO_Eqn_6.12b_nls04	495.24	0.0	-29.0	0.0	-6.0	0.0	7.0
B56	867	GEO_Eqn_6.12b_nls04	990.49	0.0	-22.0	0.0	-6.0	0.0	19.0
B56	867	GEO_Eqn_6.12b_nls04	1485.73	0.0	-16.0	0.0	-6.0	0.0	29.0
B56	867	GEO_Eqn_6.12b_nls04	1980.97	0.0	-10.0	0.0	-6.0	0.0	35.0
B56	867	GEO_Eqn_6.12b_nls04	2476.21	0.0	-3.0	0.0	-6.0	0.0	38.0
B56	867	GEO_Eqn_6.12b_nls04	2971.46	0.0	3.0	0.0	-6.0	0.0	39.0
B56	867	GEO_Eqn_6.12b_nls04	3466.7	0.0	9.0	0.0	-6.0	0.0	35.0
B56	867	GEO_Eqn_6.12b_nls04	3961.94	0.0	16.0	0.0	-6.0	0.0	29.0
B56	867	GEO_Eqn_6.12b_nls04	4457.19	0.0	22.0	0.0	-6.0	0.0	20.0
B56	867	GEO_Eqn_6.12b_nls04	4952.43	0.0	28.0	0.0	-6.0	0.0	8.0
B56	867	GEO_Eqn_6.12b_nls04	5447.67	0.0	35.0	0.0	-6.0	0.0	-8.0
B56	867	GEO_Eqn_6.12b_nls04	5942.92	0.0	41.0	0.0	-6.0	0.0	-27.0
B56	867	GEO_Eqn_6.12b_nls04	6438.16	0.0	47.0	0.0	-6.0	0.0	-49.0
B56	867	GEO_Eqn_6.12b_nls05	0	0.0	-31.0	0.0	12.0	0.0	5.0
B56	867	GEO_Eqn_6.12b_nls05	495.24	0.0	-25.0	0.0	12.0	0.0	19.0
B56	867	GEO_Eqn_6.12b_nls05	990.49	0.0	-19.0	0.0	12.0	0.0	30.0
B56	867	GEO_Eqn_6.12b_nls05	1485.73	0.0	-12.0	0.0	12.0	0.0	38.0
B56	867	GEO_Eqn_6.12b_nls05	1980.97	0.0	-6.0	0.0	12.0	0.0	43.0
B56	867	GEO_Eqn_6.12b_nls05	2476.21	0.0	0.2	0.0	12.0	0.0	44.0
B56	867	GEO_Eqn_6.12b_nls05	2971.46	0.0	6.0	0.0	12.0	0.0	43.0
B56	867	GEO_Eqn_6.12b_nls05	3466.7	0.0	13.0	0.0	12.0	0.0	38.0
B56	867	GEO_Eqn_6.12b_nls05	3961.94	0.0	19.0	0.0	12.0	0.0	30.0
B56	867	GEO_Eqn_6.12b_nls05	4457.19	0.0	25.0	0.0	12.0	0.0	19.0
B56	867	GEO_Eqn_6.12b_nls05	4952.43	0.0	32.0	0.0	12.0	0.0	5.0
B56	867	GEO_Eqn_6.12b_nls05	5447.67	0.0	38.0	0.0	12.0	0.0	-13.0
B56	867	GEO_Eqn_6.12b_nls05	5942.92	0.0	44.0	0.0	12.0	0.0	-33.0
B56	867	GEO_Eqn_6.12b_nls05	6438.16	0.0	51.0	0.0	12.0	0.0	-57.0
B56	867	GEO_Eqn_6.12b_nls06	0	0.0	-35.0	0.0	12.0	0.0	-13.0
B56	867	GEO_Eqn_6.12b_nls06	495.24	0.0	-29.0	0.0	12.0	0.0	3.0
B56	867	GEO_Eqn_6.12b_nls06	990.49	0.0	-23.0	0.0	12.0	0.0	16.0
B56	867	GEO_Eqn_6.12b_nls06	1485.73	0.0	-16.0	0.0	12.0	0.0	26.0
B56	867	GEO_Eqn_6.12b_nls06	1980.97	0.0	-10.0	0.0	12.0	0.0	32.0
B56	867	GEO_Eqn_6.12b_nls06	2476.21	0.0	-4.0	0.0	12.0	0.0	36.0
B56	867	GEO_Eqn_6.12b_nls06	2971.46	0.0	3.0	0.0	12.0	0.0	36.0
B56	867	GEO_Eqn_6.12b_nls06	3466.7	0.0	9.0	0.0	12.0	0.0	33.0
B56	867	GEO_Eqn_6.12b_nls06	3961.94	0.0	15.0	0.0	12.0	0.0	27.0
B56	867	GEO_Eqn_6.12b_nls06	4457.19	0.0	22.0	0.0	12.0	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B56	867	GEO_Eqn_6.12b_nls06	4952.43	0.0	28.0	0.0	12.0	0.0	6.0
B56	867	GEO_Eqn_6.12b_nls06	5447.67	0.0	34.0	0.0	12.0	0.0	-10.0
B56	867	GEO_Eqn_6.12b_nls06	5942.92	0.0	40.0	0.0	12.0	0.0	-28.0
B56	867	GEO_Eqn_6.12b_nls06	6438.16	0.0	47.0	0.0	12.0	0.0	-50.0
B56	867	GEO_Eqn_6.12b_nls07	0	0.0	-32.0	0.0	-6.0	0.0	7.0
B56	867	GEO_Eqn_6.12b_nls07	495.24	0.0	-25.0	0.0	-6.0	0.0	21.0
B56	867	GEO_Eqn_6.12b_nls07	990.49	0.0	-19.0	0.0	-6.0	0.0	32.0
B56	867	GEO_Eqn_6.12b_nls07	1485.73	0.0	-13.0	0.0	-6.0	0.0	40.0
B56	867	GEO_Eqn_6.12b_nls07	1980.97	0.0	-6.0	0.0	-6.0	0.0	44.0
B56	867	GEO_Eqn_6.12b_nls07	2476.21	0.0	0.0	0.0	-6.0	0.0	46.0
B56	867	GEO_Eqn_6.12b_nls07	2971.46	0.0	6.0	0.0	-6.0	0.0	44.0
B56	867	GEO_Eqn_6.12b_nls07	3466.7	0.0	13.0	0.0	-6.0	0.0	40.0
B56	867	GEO_Eqn_6.12b_nls07	3961.94	0.0	19.0	0.0	-6.0	0.0	32.0
B56	867	GEO_Eqn_6.12b_nls07	4457.19	0.0	25.0	0.0	-6.0	0.0	21.0
B56	867	GEO_Eqn_6.12b_nls07	4952.43	0.0	32.0	0.0	-6.0	0.0	7.0
B56	867	GEO_Eqn_6.12b_nls07	5447.67	0.0	38.0	0.0	-6.0	0.0	-10.0
B56	867	GEO_Eqn_6.12b_nls07	5942.92	0.0	44.0	0.0	-6.0	0.0	-31.0
B56	867	GEO_Eqn_6.12b_nls07	6438.16	0.0	51.0	0.0	-6.0	0.0	-54.0
B56	867	GEO_Eqn_6.12b_nls08	0	0.0	-35.0	0.0	-6.0	0.0	-12.0
B56	867	GEO_Eqn_6.12b_nls08	495.24	0.0	-29.0	0.0	-6.0	0.0	4.0
B56	867	GEO_Eqn_6.12b_nls08	990.49	0.0	-23.0	0.0	-6.0	0.0	17.0
B56	867	GEO_Eqn_6.12b_nls08	1485.73	0.0	-17.0	0.0	-6.0	0.0	27.0
B56	867	GEO_Eqn_6.12b_nls08	1980.97	0.0	-10.0	0.0	-6.0	0.0	34.0
B56	867	GEO_Eqn_6.12b_nls08	2476.21	0.0	-4.0	0.0	-6.0	0.0	37.0
B56	867	GEO_Eqn_6.12b_nls08	2971.46	0.0	2.0	0.0	-6.0	0.0	38.0
B56	867	GEO_Eqn_6.12b_nls08	3466.7	0.0	9.0	0.0	-6.0	0.0	35.0
B56	867	GEO_Eqn_6.12b_nls08	3961.94	0.0	15.0	0.0	-6.0	0.0	29.0
B56	867	GEO_Eqn_6.12b_nls08	4457.19	0.0	21.0	0.0	-6.0	0.0	20.0
B56	867	GEO_Eqn_6.12b_nls08	4952.43	0.0	28.0	0.0	-6.0	0.0	8.0
B56	867	GEO_Eqn_6.12b_nls08	5447.67	0.0	34.0	0.0	-6.0	0.0	-7.0
B56	867	GEO_Eqn_6.12b_nls08	5942.92	0.0	40.0	0.0	-6.0	0.0	-26.0
B56	867	GEO_Eqn_6.12b_nls08	6438.16	0.0	47.0	0.0	-6.0	0.0	-47.0
B56	867	GEO_Eqn_6.12b_nls09	0	0.0	-27.0	0.0	5.0	0.0	29.0
B56	867	GEO_Eqn_6.12b_nls09	495.24	0.0	-20.0	0.0	5.0	0.0	41.0
B56	867	GEO_Eqn_6.12b_nls09	990.49	0.0	-14.0	0.0	5.0	0.0	49.0
B56	867	GEO_Eqn_6.12b_nls09	1485.73	0.0	-8.0	0.0	5.0	0.0	55.0
B56	867	GEO_Eqn_6.12b_nls09	1980.97	0.0	-1.0	0.0	5.0	0.0	57.0
B56	867	GEO_Eqn_6.12b_nls09	2476.21	0.0	5.0	0.0	5.0	0.0	56.0
B56	867	GEO_Eqn_6.12b_nls09	2971.46	0.0	11.0	0.0	5.0	0.0	52.0
B56	867	GEO_Eqn_6.12b_nls09	3466.7	0.0	18.0	0.0	5.0	0.0	45.0
B56	867	GEO_Eqn_6.12b_nls09	3961.94	0.0	24.0	0.0	5.0	0.0	35.0
B56	867	GEO_Eqn_6.12b_nls09	4457.19	0.0	30.0	0.0	5.0	0.0	21.0
B56	867	GEO_Eqn_6.12b_nls09	4952.43	0.0	36.0	0.0	5.0	0.0	5.0
B56	867	GEO_Eqn_6.12b_nls09	5447.67	0.0	43.0	0.0	5.0	0.0	-15.0
B56	867	GEO_Eqn_6.12b_nls09	5942.92	0.0	49.0	0.0	5.0	0.0	-38.0
B56	867	GEO_Eqn_6.12b_nls09	6438.16	0.0	55.0	0.0	5.0	0.0	-64.0
B56	867	GEO_Eqn_6.12b_nls10	0	0.0	-26.0	0.0	0.0	0.0	31.0
B56	867	GEO_Eqn_6.12b_nls10	495.24	0.0	-20.0	0.0	0.0	0.0	42.0
B56	867	GEO_Eqn_6.12b_nls10	990.49	0.0	-14.0	0.0	0.0	0.0	51.0
B56	867	GEO_Eqn_6.12b_nls10	1485.73	0.0	-7.0	0.0	0.0	0.0	56.0
B56	867	GEO_Eqn_6.12b_nls10	1980.97	0.0	-1.0	0.0	0.0	0.0	58.0
B56	867	GEO_Eqn_6.12b_nls10	2476.21	0.0	5.0	0.0	0.0	0.0	57.0
B56	867	GEO_Eqn_6.12b_nls10	2971.46	0.0	11.0	0.0	0.0	0.0	53.0
B56	867	GEO_Eqn_6.12b_nls10	3466.7	0.0	18.0	0.0	0.0	0.0	46.0
B56	867	GEO_Eqn_6.12b_nls10	3961.94	0.0	24.0	0.0	0.0	0.0	35.0
B56	867	GEO_Eqn_6.12b_nls10	4457.19	0.0	30.0	0.0	0.0	0.0	22.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B56	867	GEO_Eqn_6.12b_nls10	4952.43	0.0	37.0	0.0	0.0	0.0	5.0
B56	867	GEO_Eqn_6.12b_nls10	5447.67	0.0	43.0	0.0	0.0	0.0	-14.0
B56	867	GEO_Eqn_6.12b_nls10	5942.92	0.0	49.0	0.0	0.0	0.0	-37.0
B56	867	GEO_Eqn_6.12b_nls10	6438.16	0.0	56.0	0.0	0.0	0.0	-63.0
B56	867	GEO_Eqn_6.12b_nls11	0	0.0	-41.0	0.0	5.0	0.0	-37.0
B56	867	GEO_Eqn_6.12b_nls11	495.24	0.0	-34.0	0.0	5.0	0.0	-18.0
B56	867	GEO_Eqn_6.12b_nls11	990.49	0.0	-28.0	0.0	5.0	0.0	-3.0
B56	867	GEO_Eqn_6.12b_nls11	1485.73	0.0	-22.0	0.0	5.0	0.0	9.0
B56	867	GEO_Eqn_6.12b_nls11	1980.97	0.0	-15.0	0.0	5.0	0.0	19.0
B56	867	GEO_Eqn_6.12b_nls11	2476.21	0.0	-9.0	0.0	5.0	0.0	25.0
B56	867	GEO_Eqn_6.12b_nls11	2971.46	0.0	-3.0	0.0	5.0	0.0	28.0
B56	867	GEO_Eqn_6.12b_nls11	3466.7	0.0	4.0	0.0	5.0	0.0	27.0
B56	867	GEO_Eqn_6.12b_nls11	3961.94	0.0	10.0	0.0	5.0	0.0	24.0
B56	867	GEO_Eqn_6.12b_nls11	4457.19	0.0	16.0	0.0	5.0	0.0	18.0
B56	867	GEO_Eqn_6.12b_nls11	4952.43	0.0	22.0	0.0	5.0	0.0	8.0
B56	867	GEO_Eqn_6.12b_nls11	5447.67	0.0	29.0	0.0	5.0	0.0	-5.0
B56	867	GEO_Eqn_6.12b_nls11	5942.92	0.0	35.0	0.0	5.0	0.0	-20.0
B56	867	GEO_Eqn_6.12b_nls11	6438.16	0.0	41.0	0.0	5.0	0.0	-39.0
B56	867	GEO_Eqn_6.12b_nls12	0	0.0	-41.0	0.0	0.0	0.0	-36.0
B56	867	GEO_Eqn_6.12b_nls12	495.24	0.0	-34.0	0.0	0.0	0.0	-18.0
B56	867	GEO_Eqn_6.12b_nls12	990.49	0.0	-28.0	0.0	0.0	0.0	-2.0
B56	867	GEO_Eqn_6.12b_nls12	1485.73	0.0	-22.0	0.0	0.0	0.0	10.0
B56	867	GEO_Eqn_6.12b_nls12	1980.97	0.0	-15.0	0.0	0.0	0.0	19.0
B56	867	GEO_Eqn_6.12b_nls12	2476.21	0.0	-9.0	0.0	0.0	0.0	25.0
B56	867	GEO_Eqn_6.12b_nls12	2971.46	0.0	-3.0	0.0	0.0	0.0	28.0
B56	867	GEO_Eqn_6.12b_nls12	3466.7	0.0	4.0	0.0	0.0	0.0	28.0
B56	867	GEO_Eqn_6.12b_nls12	3961.94	0.0	10.0	0.0	0.0	0.0	25.0
B56	867	GEO_Eqn_6.12b_nls12	4457.19	0.0	16.0	0.0	0.0	0.0	18.0
B56	867	GEO_Eqn_6.12b_nls12	4952.43	0.0	23.0	0.0	0.0	0.0	9.0
B56	867	GEO_Eqn_6.12b_nls12	5447.67	0.0	29.0	0.0	0.0	0.0	-4.0
B56	867	GEO_Eqn_6.12b_nls12	5942.92	0.0	35.0	0.0	0.0	0.0	-20.0
B56	867	GEO_Eqn_6.12b_nls12	6438.16	0.0	41.0	0.0	0.0	0.0	-39.0
B56	867	GEO_Eqn_6.12b_nls13	0	0.0	-28.0	0.0	4.0	0.0	22.0
B56	867	GEO_Eqn_6.12b_nls13	495.24	0.0	-22.0	0.0	4.0	0.0	34.0
B56	867	GEO_Eqn_6.12b_nls13	990.49	0.0	-16.0	0.0	4.0	0.0	43.0
B56	867	GEO_Eqn_6.12b_nls13	1485.73	0.0	-9.0	0.0	4.0	0.0	49.0
B56	867	GEO_Eqn_6.12b_nls13	1980.97	0.0	-3.0	0.0	4.0	0.0	53.0
B56	867	GEO_Eqn_6.12b_nls13	2476.21	0.0	3.0	0.0	4.0	0.0	52.0
B56	867	GEO_Eqn_6.12b_nls13	2971.46	0.0	10.0	0.0	4.0	0.0	49.0
B56	867	GEO_Eqn_6.12b_nls13	3466.7	0.0	16.0	0.0	4.0	0.0	43.0
B56	867	GEO_Eqn_6.12b_nls13	3961.94	0.0	22.0	0.0	4.0	0.0	33.0
B56	867	GEO_Eqn_6.12b_nls13	4457.19	0.0	29.0	0.0	4.0	0.0	21.0
B56	867	GEO_Eqn_6.12b_nls13	4952.43	0.0	35.0	0.0	4.0	0.0	5.0
B56	867	GEO_Eqn_6.12b_nls13	5447.67	0.0	41.0	0.0	4.0	0.0	-14.0
B56	867	GEO_Eqn_6.12b_nls13	5942.92	0.0	47.0	0.0	4.0	0.0	-36.0
B56	867	GEO_Eqn_6.12b_nls13	6438.16	0.0	54.0	0.0	4.0	0.0	-61.0
B56	867	GEO_Eqn_6.12b_nls14	0	0.0	-28.0	0.0	-1.0	0.0	24.0
B56	867	GEO_Eqn_6.12b_nls14	495.24	0.0	-22.0	0.0	-1.0	0.0	36.0
B56	867	GEO_Eqn_6.12b_nls14	990.49	0.0	-15.0	0.0	-1.0	0.0	45.0
B56	867	GEO_Eqn_6.12b_nls14	1485.73	0.0	-9.0	0.0	-1.0	0.0	51.0
B56	867	GEO_Eqn_6.12b_nls14	1980.97	0.0	-3.0	0.0	-1.0	0.0	54.0
B56	867	GEO_Eqn_6.12b_nls14	2476.21	0.0	4.0	0.0	-1.0	0.0	54.0
B56	867	GEO_Eqn_6.12b_nls14	2971.46	0.0	10.0	0.0	-1.0	0.0	50.0
B56	867	GEO_Eqn_6.12b_nls14	3466.7	0.0	16.0	0.0	-1.0	0.0	44.0
B56	867	GEO_Eqn_6.12b_nls14	3961.94	0.0	23.0	0.0	-1.0	0.0	34.0
B56	867	GEO_Eqn_6.12b_nls14	4457.19	0.0	29.0	0.0	-1.0	0.0	22.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B56	867	GEO_Eqn_6.12b_nls14	4952.43	0.0	35.0	0.0	-1.0	0.0	6.0
B56	867	GEO_Eqn_6.12b_nls14	5447.67	0.0	41.0	0.0	-1.0	0.0	-13.0
B56	867	GEO_Eqn_6.12b_nls14	5942.92	0.0	48.0	0.0	-1.0	0.0	-35.0
B56	867	GEO_Eqn_6.12b_nls14	6438.16	0.0	54.0	0.0	-1.0	0.0	-61.0
B56	867	GEO_Eqn_6.12b_nls15	0	0.0	-39.0	0.0	7.0	0.0	-31.0
B56	867	GEO_Eqn_6.12b_nls15	495.24	0.0	-33.0	0.0	7.0	0.0	-13.0
B56	867	GEO_Eqn_6.12b_nls15	990.49	0.0	-27.0	0.0	7.0	0.0	2.0
B56	867	GEO_Eqn_6.12b_nls15	1485.73	0.0	-20.0	0.0	7.0	0.0	14.0
B56	867	GEO_Eqn_6.12b_nls15	1980.97	0.0	-14.0	0.0	7.0	0.0	22.0
B56	867	GEO_Eqn_6.12b_nls15	2476.21	0.0	-8.0	0.0	7.0	0.0	27.0
B56	867	GEO_Eqn_6.12b_nls15	2971.46	0.0	-1.0	0.0	7.0	0.0	30.0
B56	867	GEO_Eqn_6.12b_nls15	3466.7	0.0	5.0	0.0	7.0	0.0	29.0
B56	867	GEO_Eqn_6.12b_nls15	3961.94	0.0	11.0	0.0	7.0	0.0	25.0
B56	867	GEO_Eqn_6.12b_nls15	4457.19	0.0	18.0	0.0	7.0	0.0	18.0
B56	867	GEO_Eqn_6.12b_nls15	4952.43	0.0	24.0	0.0	7.0	0.0	7.0
B56	867	GEO_Eqn_6.12b_nls15	5447.67	0.0	30.0	0.0	7.0	0.0	-6.0
B56	867	GEO_Eqn_6.12b_nls15	5942.92	0.0	36.0	0.0	7.0	0.0	-22.0
B56	867	GEO_Eqn_6.12b_nls15	6438.16	0.0	43.0	0.0	7.0	0.0	-42.0
B56	867	GEO_Eqn_6.12b_nls16	0	0.0	-39.0	0.0	1.0	0.0	-30.0
B56	867	GEO_Eqn_6.12b_nls16	495.24	0.0	-33.0	0.0	1.0	0.0	-12.0
B56	867	GEO_Eqn_6.12b_nls16	990.49	0.0	-27.0	0.0	1.0	0.0	2.0
B56	867	GEO_Eqn_6.12b_nls16	1485.73	0.0	-20.0	0.0	1.0	0.0	14.0
B56	867	GEO_Eqn_6.12b_nls16	1980.97	0.0	-14.0	0.0	1.0	0.0	23.0
B56	867	GEO_Eqn_6.12b_nls16	2476.21	0.0	-8.0	0.0	1.0	0.0	28.0
B56	867	GEO_Eqn_6.12b_nls16	2971.46	0.0	-1.0	0.0	1.0	0.0	30.0
B56	867	GEO_Eqn_6.12b_nls16	3466.7	0.0	5.0	0.0	1.0	0.0	29.0
B56	867	GEO_Eqn_6.12b_nls16	3961.94	0.0	11.0	0.0	1.0	0.0	25.0
B56	867	GEO_Eqn_6.12b_nls16	4457.19	0.0	18.0	0.0	1.0	0.0	18.0
B56	867	GEO_Eqn_6.12b_nls16	4952.43	0.0	24.0	0.0	1.0	0.0	8.0
B56	867	GEO_Eqn_6.12b_nls16	5447.67	0.0	30.0	0.0	1.0	0.0	-5.0
B56	867	GEO_Eqn_6.12b_nls16	5942.92	0.0	36.0	0.0	1.0	0.0	-22.0
B56	867	GEO_Eqn_6.12b_nls16	6438.16	0.0	43.0	0.0	1.0	0.0	-41.0
B349	362	GEO_Eqn_6.12b_nls01	0	197.0	-363.0	13.0	-53.0	10.0	129.0
B349	362	GEO_Eqn_6.12b_nls01	290	197.0	-356.0	13.0	-53.0	7.0	233.0
B349	362	GEO_Eqn_6.12b_nls01	580	197.0	-349.0	13.0	-53.0	3.0	336.0
B349	362	GEO_Eqn_6.12b_nls01	580	107.0	-146.0	6.0	-54.0	-4.0	369.0
B349	362	GEO_Eqn_6.12b_nls01	966.67	107.0	-137.0	6.0	-54.0	-7.0	424.0
B349	362	GEO_Eqn_6.12b_nls01	966.67	76.0	-54.0	-1.0	-54.0	-7.0	459.0
B349	362	GEO_Eqn_6.12b_nls01	1160	76.0	-49.0	-1.0	-54.0	-7.0	469.0
B349	362	GEO_Eqn_6.12b_nls01	1160	-5.0	-115.0	-4.0	-55.0	-6.0	484.0
B349	362	GEO_Eqn_6.12b_nls01	1450	-5.0	-108.0	-4.0	-55.0	-4.0	516.0
B349	362	GEO_Eqn_6.12b_nls01	1740	-5.0	-101.0	-4.0	-55.0	-3.0	547.0
B349	362	GEO_Eqn_6.12b_nls01	1740	-78.0	-8.0	-1.0	-54.0	-2.0	555.0
B349	362	GEO_Eqn_6.12b_nls01	1933.33	-78.0	-3.0	-1.0	-54.0	-1.0	556.0
B349	362	GEO_Eqn_6.12b_nls01	1933.33	-104.0	9.0	-2.0	-51.0	-0.3	557.0
B349	362	GEO_Eqn_6.12b_nls01	2320	-104.0	18.0	-2.0	-51.0	1.0	552.0
B349	362	GEO_Eqn_6.12b_nls01	2320	-194.0	157.0	-5.0	-51.0	3.0	548.0
B349	362	GEO_Eqn_6.12b_nls01	2610	-194.0	164.0	-5.0	-51.0	4.0	502.0
B349	362	GEO_Eqn_6.12b_nls01	2900	-194.0	171.0	-5.0	-51.0	6.0	453.0
B349	362	GEO_Eqn_6.12b_nls01	2900	230.0	370.0	5.0	-40.0	1.0	453.0
B349	362	GEO_Eqn_6.12b_nls01	3395.12	230.0	382.0	5.0	-40.0	-1.0	267.0
B349	362	GEO_Eqn_6.12b_nls01	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls01	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls01	3400	67.0	489.0	-0.4	-29.0	-1.0	260.0
B349	362	GEO_Eqn_6.12b_nls01	3900	67.0	501.0	-0.4	-29.0	-0.4	13.0
B349	362	GEO_Eqn_6.12b_nls01	3900	-87.0	233.0	-0.1	-28.0	-0.2	-30.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls01	4147.56	-87.0	239.0	-0.1	-28.0	-0.2	-88.0
B349	362	GEO_Eqn_6.12b_nls01	4147.56	-103.0	247.0	-0.1	-24.0	0.1	-189.0
B349	362	GEO_Eqn_6.12b_nls01	4400	-103.0	253.0	-0.1	-24.0	0.1	-252.0
B349	362	GEO_Eqn_6.12b_nls01	4400	-201.0	543.0	-0.4	-24.0	0.2	-306.0
B349	362	GEO_Eqn_6.12b_nls01	4900	-201.0	555.0	-0.4	-24.0	0.5	-581.0
B349	362	GEO_Eqn_6.12b_nls01	4900	0.0	662.0	0.0	-7.0	0.0	-600.0
B349	362	GEO_Eqn_6.12b_nls01	5166.1	0.0	669.0	0.0	-7.0	0.0	-777.0
B349	362	GEO_Eqn_6.12b_nls01	5432.19	0.0	675.0	0.0	-7.0	0.0	-956.0
B349	362	GEO_Eqn_6.12b_nls01	5432.19	33.0	-16.0	0.0	-0.1	1.0	-989.0
B349	362	GEO_Eqn_6.12b_nls01	5475	33.0	-15.0	0.0	-0.1	1.0	-988.0
B349	362	GEO_Eqn_6.12b_nls01	5475	17.0	-863.0	1.0	3.0	1.0	-902.0
B349	362	GEO_Eqn_6.12b_nls01	5762.5	17.0	-856.0	1.0	3.0	0.3	-655.0
B349	362	GEO_Eqn_6.12b_nls01	6050	17.0	-849.0	1.0	3.0	-0.2	-410.0
B349	362	GEO_Eqn_6.12b_nls01	6050	15.0	-256.0	0.2	4.0	-1.0	-347.0
B349	362	GEO_Eqn_6.12b_nls01	6316.1	15.0	-249.0	0.2	4.0	-1.0	-280.0
B349	362	GEO_Eqn_6.12b_nls01	6316.1	10.0	-282.0	-0.3	9.0	-1.0	-177.0
B349	362	GEO_Eqn_6.12b_nls01	6625	10.0	-275.0	-0.3	9.0	-1.0	-91.0
B349	362	GEO_Eqn_6.12b_nls01	6625	-32.0	-215.0	-2.0	10.0	-0.2	-48.0
B349	362	GEO_Eqn_6.12b_nls01	6912.5	-32.0	-208.0	-2.0	10.0	0.3	13.0
B349	362	GEO_Eqn_6.12b_nls01	7200	-32.0	-201.0	-2.0	10.0	1.0	72.0
B349	362	GEO_Eqn_6.12b_nls01	7200	122.0	50.0	1.0	29.0	0.4	81.0
B349	362	GEO_Eqn_6.12b_nls01	7700	122.0	62.0	1.0	29.0	0.0	53.0
B349	362	GEO_Eqn_6.12b_nls01	7700	34.0	164.0	0.2	29.0	-0.2	51.0
B349	362	GEO_Eqn_6.12b_nls01	8200	34.0	176.0	0.2	29.0	-0.3	-34.0
B349	362	GEO_Eqn_6.12b_nls01	8200	-58.0	249.0	0.0	44.0	-0.1	-37.0
B349	362	GEO_Eqn_6.12b_nls01	8700	-58.0	262.0	0.0	44.0	-0.1	-165.0
B349	362	GEO_Eqn_6.12b_nls01	8700	-97.0	286.0	-1.0	44.0	0.0	-178.0
B349	362	GEO_Eqn_6.12b_nls01	9200	-97.0	299.0	-1.0	44.0	0.3	-324.0
B349	362	GEO_Eqn_6.12b_nls01	9200	27.0	431.0	2.0	48.0	1.0	-336.0
B349	362	GEO_Eqn_6.12b_nls01	9477.4	27.0	438.0	2.0	48.0	1.0	-456.0
B349	362	GEO_Eqn_6.12b_nls01	9754.8	27.0	445.0	2.0	48.0	-0.1	-579.0
B349	362	GEO_Eqn_6.12b_nls01	9754.8	5.0	323.0	1.0	47.0	-1.0	-635.0
B349	362	GEO_Eqn_6.12b_nls01	10032.19	5.0	330.0	1.0	47.0	-1.0	-726.0
B349	362	GEO_Eqn_6.12b_nls01	10032.19	-0.1	318.0	-1.0	46.0	-2.0	-850.0
B349	362	GEO_Eqn_6.12b_nls01	10309.59	-0.1	324.0	-1.0	46.0	-1.0	-939.0
B349	362	GEO_Eqn_6.12b_nls01	10309.59	-30.0	952.0	-3.0	45.0	-0.1	-1028.0
B349	362	GEO_Eqn_6.12b_nls01	10586.99	-30.0	959.0	-3.0	45.0	1.0	-1293.0
B349	362	GEO_Eqn_6.12b_nls01	10864.39	-30.0	965.0	-3.0	45.0	1.0	-1560.0
B349	362	GEO_Eqn_6.12b_nls01	10864.39	-0.1	-526.0	1.0	-42.0	0.2	-1566.0
B349	362	GEO_Eqn_6.12b_nls01	11317.07	-0.1	-516.0	1.0	-42.0	0.0	-1330.0
B349	362	GEO_Eqn_6.12b_nls01	11769.75	-0.1	-505.0	1.0	-42.0	-0.2	-1099.0
B349	362	GEO_Eqn_6.12b_nls01	11769.75	0.1	-489.0	-0.5	-31.0	-0.2	-1098.0
B349	362	GEO_Eqn_6.12b_nls01	12222.44	0.1	-478.0	-0.5	-31.0	0.0	-879.0
B349	362	GEO_Eqn_6.12b_nls01	12675.12	0.1	-467.0	-0.5	-31.0	0.2	-665.0
B349	362	GEO_Eqn_6.12b_nls01	12675.12	0.0	-343.0	1.0	-7.0	0.3	-663.0
B349	362	GEO_Eqn_6.12b_nls01	13127.8	0.0	-332.0	1.0	-7.0	0.0	-510.0
B349	362	GEO_Eqn_6.12b_nls01	13580.49	0.0	-321.0	1.0	-7.0	-0.3	-363.0
B349	362	GEO_Eqn_6.12b_nls01	13580.49	0.0	-280.0	-1.0	16.0	-0.3	-360.0
B349	362	GEO_Eqn_6.12b_nls01	14033.17	0.0	-269.0	-1.0	16.0	0.0	-235.0
B349	362	GEO_Eqn_6.12b_nls01	14485.85	0.0	-258.0	-1.0	16.0	0.3	-116.0
B349	362	GEO_Eqn_6.12b_nls01	14485.85	0.1	-140.0	0.5	34.0	0.2	-115.0
B349	362	GEO_Eqn_6.12b_nls01	14938.53	0.1	-129.0	0.5	34.0	0.0	-54.0
B349	362	GEO_Eqn_6.12b_nls01	15391.22	0.1	-118.0	0.5	34.0	-0.2	1.0
B349	362	GEO_Eqn_6.12b_nls01	15391.22	-0.1	-99.0	-1.0	42.0	-0.2	2.0
B349	362	GEO_Eqn_6.12b_nls01	15843.9	-0.1	-88.0	-1.0	42.0	0.0	44.0
B349	362	GEO_Eqn_6.12b_nls01	16296.58	-0.1	-77.0	-1.0	42.0	0.2	82.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls02	0	123.0	-377.0	11.0	-62.0	9.0	191.0
B349	362	GEO_Eqn_6.12b_nls02	290	123.0	-370.0	11.0	-62.0	6.0	299.0
B349	362	GEO_Eqn_6.12b_nls02	580	123.0	-363.0	11.0	-62.0	3.0	405.0
B349	362	GEO_Eqn_6.12b_nls02	580	71.0	-132.0	6.0	-63.0	-4.0	436.0
B349	362	GEO_Eqn_6.12b_nls02	966.67	71.0	-122.0	6.0	-63.0	-6.0	485.0
B349	362	GEO_Eqn_6.12b_nls02	966.67	50.0	-47.0	-1.0	-62.0	-6.0	516.0
B349	362	GEO_Eqn_6.12b_nls02	1160	50.0	-43.0	-1.0	-62.0	-6.0	524.0
B349	362	GEO_Eqn_6.12b_nls02	1160	2.0	-78.0	-4.0	-63.0	-5.0	535.0
B349	362	GEO_Eqn_6.12b_nls02	1450	2.0	-71.0	-4.0	-63.0	-4.0	557.0
B349	362	GEO_Eqn_6.12b_nls02	1740	2.0	-64.0	-4.0	-63.0	-3.0	576.0
B349	362	GEO_Eqn_6.12b_nls02	1740	-45.0	2.0	-1.0	-62.0	-1.0	581.0
B349	362	GEO_Eqn_6.12b_nls02	1933.33	-45.0	7.0	-1.0	-62.0	-1.0	580.0
B349	362	GEO_Eqn_6.12b_nls02	1933.33	-64.0	33.0	-2.0	-60.0	-0.4	574.0
B349	362	GEO_Eqn_6.12b_nls02	2320	-64.0	42.0	-2.0	-60.0	0.5	559.0
B349	362	GEO_Eqn_6.12b_nls02	2320	-131.0	172.0	-5.0	-60.0	2.0	552.0
B349	362	GEO_Eqn_6.12b_nls02	2610	-131.0	179.0	-5.0	-60.0	4.0	502.0
B349	362	GEO_Eqn_6.12b_nls02	2900	-131.0	186.0	-5.0	-60.0	5.0	449.0
B349	362	GEO_Eqn_6.12b_nls02	2900	185.0	357.0	4.0	-49.0	1.0	447.0
B349	362	GEO_Eqn_6.12b_nls02	3395.12	185.0	369.0	4.0	-49.0	-1.0	267.0
B349	362	GEO_Eqn_6.12b_nls02	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls02	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls02	3400	52.0	457.0	-0.4	-38.0	-1.0	261.0
B349	362	GEO_Eqn_6.12b_nls02	3900	52.0	469.0	-0.4	-38.0	-0.3	29.0
B349	362	GEO_Eqn_6.12b_nls02	3900	-71.0	218.0	-0.1	-37.0	-0.2	-12.0
B349	362	GEO_Eqn_6.12b_nls02	4147.56	-71.0	224.0	-0.1	-37.0	-0.2	-66.0
B349	362	GEO_Eqn_6.12b_nls02	4147.56	-83.0	233.0	-0.1	-34.0	0.0	-161.0
B349	362	GEO_Eqn_6.12b_nls02	4400	-83.0	239.0	-0.1	-34.0	0.1	-221.0
B349	362	GEO_Eqn_6.12b_nls02	4400	-158.0	533.0	-0.5	-33.0	0.2	-274.0
B349	362	GEO_Eqn_6.12b_nls02	4900	-158.0	545.0	-0.5	-33.0	0.5	-543.0
B349	362	GEO_Eqn_6.12b_nls02	4900	0.0	685.0	0.0	-17.0	0.0	-564.0
B349	362	GEO_Eqn_6.12b_nls02	5166.1	0.0	691.0	0.0	-17.0	0.0	-747.0
B349	362	GEO_Eqn_6.12b_nls02	5432.19	0.0	698.0	0.0	-17.0	0.0	-932.0
B349	362	GEO_Eqn_6.12b_nls02	5432.19	12.0	-15.0	0.0	-11.0	1.0	-969.0
B349	362	GEO_Eqn_6.12b_nls02	5475	12.0	-14.0	0.0	-11.0	1.0	-968.0
B349	362	GEO_Eqn_6.12b_nls02	5475	7.0	-790.0	2.0	-8.0	1.0	-884.0
B349	362	GEO_Eqn_6.12b_nls02	5762.5	7.0	-783.0	2.0	-8.0	0.3	-658.0
B349	362	GEO_Eqn_6.12b_nls02	6050	7.0	-776.0	2.0	-8.0	-0.2	-434.0
B349	362	GEO_Eqn_6.12b_nls02	6050	14.0	-220.0	0.2	-7.0	-1.0	-378.0
B349	362	GEO_Eqn_6.12b_nls02	6316.1	14.0	-214.0	0.2	-7.0	-1.0	-321.0
B349	362	GEO_Eqn_6.12b_nls02	6316.1	11.0	-239.0	-0.3	-2.0	-1.0	-232.0
B349	362	GEO_Eqn_6.12b_nls02	6625	11.0	-232.0	-0.3	-2.0	-1.0	-160.0
B349	362	GEO_Eqn_6.12b_nls02	6625	-21.0	-155.0	-2.0	-1.0	-0.2	-125.0
B349	362	GEO_Eqn_6.12b_nls02	6912.5	-21.0	-148.0	-2.0	-1.0	0.4	-81.0
B349	362	GEO_Eqn_6.12b_nls02	7200	-21.0	-141.0	-2.0	-1.0	1.0	-40.0
B349	362	GEO_Eqn_6.12b_nls02	7200	79.0	82.0	1.0	17.0	0.4	-33.0
B349	362	GEO_Eqn_6.12b_nls02	7700	79.0	94.0	1.0	17.0	0.0	-77.0
B349	362	GEO_Eqn_6.12b_nls02	7700	13.0	180.0	0.2	16.0	-0.2	-82.0
B349	362	GEO_Eqn_6.12b_nls02	8200	13.0	192.0	0.2	16.0	-0.3	-175.0
B349	362	GEO_Eqn_6.12b_nls02	8200	-41.0	272.0	-0.1	31.0	-0.1	-179.0
B349	362	GEO_Eqn_6.12b_nls02	8700	-41.0	284.0	-0.1	31.0	-0.1	-318.0
B349	362	GEO_Eqn_6.12b_nls02	8700	-51.0	337.0	-1.0	30.0	0.0	-334.0
B349	362	GEO_Eqn_6.12b_nls02	9200	-51.0	349.0	-1.0	30.0	0.3	-505.0
B349	362	GEO_Eqn_6.12b_nls02	9200	-8.0	516.0	3.0	33.0	1.0	-521.0
B349	362	GEO_Eqn_6.12b_nls02	9477.4	-8.0	523.0	3.0	33.0	1.0	-665.0
B349	362	GEO_Eqn_6.12b_nls02	9754.8	-8.0	530.0	3.0	33.0	-0.1	-811.0
B349	362	GEO_Eqn_6.12b_nls02	9754.8	-0.3	368.0	1.0	31.0	-1.0	-878.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls02	10032.19	-0.3	375.0	1.0	31.0	-1.0	-981.0
B349	362	GEO_Eqn_6.12b_nls02	10032.19	1.0	360.0	-1.0	30.0	-2.0	-1123.0
B349	362	GEO_Eqn_6.12b_nls02	10309.59	1.0	366.0	-1.0	30.0	-2.0	-1224.0
B349	362	GEO_Eqn_6.12b_nls02	10309.59	8.0	972.0	-3.0	28.0	-0.2	-1323.0
B349	362	GEO_Eqn_6.12b_nls02	10586.99	8.0	978.0	-3.0	28.0	1.0	-1593.0
B349	362	GEO_Eqn_6.12b_nls02	10864.39	8.0	985.0	-3.0	28.0	2.0	-1866.0
B349	362	GEO_Eqn_6.12b_nls02	10864.39	-0.2	-587.0	1.0	-26.0	0.2	-1878.0
B349	362	GEO_Eqn_6.12b_nls02	11317.07	-0.3	-576.0	1.0	-26.0	0.0	-1615.0
B349	362	GEO_Eqn_6.12b_nls02	11769.75	-0.3	-565.0	1.0	-26.0	-0.2	-1357.0
B349	362	GEO_Eqn_6.12b_nls02	11769.75	0.3	-549.0	-0.5	-15.0	-0.2	-1355.0
B349	362	GEO_Eqn_6.12b_nls02	12222.44	0.3	-538.0	-0.5	-15.0	0.0	-1109.0
B349	362	GEO_Eqn_6.12b_nls02	12675.12	0.2	-527.0	-0.5	-15.0	0.2	-868.0
B349	362	GEO_Eqn_6.12b_nls02	12675.12	-0.1	-413.0	1.0	10.0	0.3	-866.0
B349	362	GEO_Eqn_6.12b_nls02	13127.8	-0.1	-402.0	1.0	10.0	0.0	-681.0
B349	362	GEO_Eqn_6.12b_nls02	13580.49	-0.1	-391.0	1.0	10.0	-0.3	-502.0
B349	362	GEO_Eqn_6.12b_nls02	13580.49	0.1	-350.0	-1.0	33.0	-0.3	-499.0
B349	362	GEO_Eqn_6.12b_nls02	14033.17	0.1	-339.0	-1.0	33.0	0.0	-342.0
B349	362	GEO_Eqn_6.12b_nls02	14485.85	0.1	-328.0	-1.0	33.0	0.3	-191.0
B349	362	GEO_Eqn_6.12b_nls02	14485.85	0.1	-200.0	0.5	50.0	0.2	-190.0
B349	362	GEO_Eqn_6.12b_nls02	14938.53	0.1	-189.0	0.5	50.0	0.0	-102.0
B349	362	GEO_Eqn_6.12b_nls02	15391.22	0.1	-179.0	0.5	50.0	-0.2	-19.0
B349	362	GEO_Eqn_6.12b_nls02	15391.22	-0.1	-160.0	-1.0	59.0	-0.2	-18.0
B349	362	GEO_Eqn_6.12b_nls02	15843.9	-0.1	-149.0	-1.0	59.0	0.0	52.0
B349	362	GEO_Eqn_6.12b_nls02	16296.58	-0.1	-138.0	-1.0	59.0	0.2	117.0
B349	362	GEO_Eqn_6.12b_nls03	0	-89.0	-36.0	-5.0	-62.0	-4.0	-122.0
B349	362	GEO_Eqn_6.12b_nls03	290	-89.0	-29.0	-5.0	-62.0	-3.0	-112.0
B349	362	GEO_Eqn_6.12b_nls03	580	-89.0	-22.0	-5.0	-62.0	-1.0	-105.0
B349	362	GEO_Eqn_6.12b_nls03	580	-48.0	-42.0	-3.0	-61.0	2.0	-101.0
B349	362	GEO_Eqn_6.12b_nls03	966.67	-48.0	-32.0	-3.0	-61.0	3.0	-87.0
B349	362	GEO_Eqn_6.12b_nls03	966.67	-33.0	-11.0	0.3	-55.0	3.0	-78.0
B349	362	GEO_Eqn_6.12b_nls03	1160	-33.0	-7.0	0.3	-55.0	3.0	-76.0
B349	362	GEO_Eqn_6.12b_nls03	1160	6.0	-48.0	2.0	-54.0	2.0	-76.0
B349	362	GEO_Eqn_6.12b_nls03	1450	6.0	-41.0	2.0	-54.0	2.0	-63.0
B349	362	GEO_Eqn_6.12b_nls03	1740	6.0	-34.0	2.0	-54.0	1.0	-52.0
B349	362	GEO_Eqn_6.12b_nls03	1740	38.0	-17.0	0.3	-51.0	0.4	-49.0
B349	362	GEO_Eqn_6.12b_nls03	1933.33	38.0	-12.0	0.3	-51.0	0.3	-46.0
B349	362	GEO_Eqn_6.12b_nls03	1933.33	49.0	-16.0	1.0	-44.0	-0.1	-40.0
B349	362	GEO_Eqn_6.12b_nls03	2320	49.0	-7.0	1.0	-44.0	-0.5	-36.0
B349	362	GEO_Eqn_6.12b_nls03	2320	80.0	-48.0	1.0	-43.0	-1.0	-35.0
B349	362	GEO_Eqn_6.12b_nls03	2610	80.0	-41.0	1.0	-43.0	-1.0	-22.0
B349	362	GEO_Eqn_6.12b_nls03	2900	80.0	-34.0	1.0	-43.0	-2.0	-11.0
B349	362	GEO_Eqn_6.12b_nls03	2900	-49.0	-48.0	-1.0	-23.0	-0.3	-11.0
B349	362	GEO_Eqn_6.12b_nls03	3395.12	-49.0	-36.0	-1.0	-23.0	0.2	10.0
B349	362	GEO_Eqn_6.12b_nls03	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls03	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls03	3400	-14.0	-38.0	0.0	-6.0	0.1	10.0
B349	362	GEO_Eqn_6.12b_nls03	3900	-14.0	-26.0	0.0	-6.0	0.1	27.0
B349	362	GEO_Eqn_6.12b_nls03	3900	18.0	-15.0	0.0	-4.0	0.1	28.0
B349	362	GEO_Eqn_6.12b_nls03	4147.56	18.0	-9.0	0.0	-4.0	0.1	31.0
B349	362	GEO_Eqn_6.12b_nls03	4147.56	22.0	-1.0	0.1	1.0	0.0	34.0
B349	362	GEO_Eqn_6.12b_nls03	4400	22.0	5.0	0.0	1.0	0.0	33.0
B349	362	GEO_Eqn_6.12b_nls03	4400	43.0	26.0	0.0	2.0	-0.1	30.0
B349	362	GEO_Eqn_6.12b_nls03	4900	43.0	38.0	0.0	2.0	-0.1	14.0
B349	362	GEO_Eqn_6.12b_nls03	4900	0.0	100.0	0.0	26.0	0.0	11.0
B349	362	GEO_Eqn_6.12b_nls03	5166.1	0.0	106.0	0.0	26.0	0.0	-17.0
B349	362	GEO_Eqn_6.12b_nls03	5432.19	0.0	113.0	0.0	26.0	0.0	-46.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls03	5432.19	-53.0	-6.0	0.0	36.0	0.1	-48.0
B349	362	GEO_Eqn_6.12b_nls03	5475	-53.0	-5.0	0.0	36.0	0.1	-48.0
B349	362	GEO_Eqn_6.12b_nls03	5475	-36.0	-315.0	0.1	41.0	0.1	-28.0
B349	362	GEO_Eqn_6.12b_nls03	5762.5	-36.0	-308.0	0.1	41.0	0.0	62.0
B349	362	GEO_Eqn_6.12b_nls03	6050	-36.0	-301.0	0.1	41.0	0.0	149.0
B349	362	GEO_Eqn_6.12b_nls03	6050	-5.0	-145.0	0.0	43.0	0.0	178.0
B349	362	GEO_Eqn_6.12b_nls03	6316.1	-5.0	-139.0	0.0	43.0	0.0	216.0
B349	362	GEO_Eqn_6.12b_nls03	6316.1	1.0	-155.0	0.0	50.0	-0.1	275.0
B349	362	GEO_Eqn_6.12b_nls03	6625	1.0	-147.0	0.0	50.0	-0.1	321.0
B349	362	GEO_Eqn_6.12b_nls03	6625	41.0	-309.0	-0.3	52.0	0.0	347.0
B349	362	GEO_Eqn_6.12b_nls03	6912.5	41.0	-302.0	-0.3	52.0	0.0	435.0
B349	362	GEO_Eqn_6.12b_nls03	7200	41.0	-295.0	-0.3	52.0	0.1	521.0
B349	362	GEO_Eqn_6.12b_nls03	7200	-3.0	-297.0	0.0	81.0	0.0	534.0
B349	362	GEO_Eqn_6.12b_nls03	7700	-3.0	-285.0	0.0	81.0	0.0	679.0
B349	362	GEO_Eqn_6.12b_nls03	7700	21.0	-318.0	0.1	81.0	0.0	695.0
B349	362	GEO_Eqn_6.12b_nls03	8200	21.0	-306.0	0.1	81.0	0.0	851.0
B349	362	GEO_Eqn_6.12b_nls03	8200	9.0	-317.0	0.0	106.0	0.0	863.0
B349	362	GEO_Eqn_6.12b_nls03	8700	9.0	-305.0	0.0	106.0	-0.1	1018.0
B349	362	GEO_Eqn_6.12b_nls03	8700	-28.0	-385.0	-0.3	106.0	0.0	1038.0
B349	362	GEO_Eqn_6.12b_nls03	9200	-28.0	-373.0	-0.3	106.0	0.1	1227.0
B349	362	GEO_Eqn_6.12b_nls03	9200	116.0	-452.0	-0.3	125.0	-0.3	1243.0
B349	362	GEO_Eqn_6.12b_nls03	9477.4	116.0	-445.0	-0.3	125.0	-0.2	1367.0
B349	362	GEO_Eqn_6.12b_nls03	9754.8	116.0	-438.0	-0.3	125.0	-0.1	1490.0
B349	362	GEO_Eqn_6.12b_nls03	9754.8	24.0	-238.0	-0.1	126.0	0.0	1540.0
B349	362	GEO_Eqn_6.12b_nls03	10032.19	24.0	-231.0	-0.1	126.0	0.0	1605.0
B349	362	GEO_Eqn_6.12b_nls03	10032.19	4.0	-217.0	0.2	129.0	1.0	1694.0
B349	362	GEO_Eqn_6.12b_nls03	10309.59	4.0	-210.0	0.2	129.0	1.0	1754.0
B349	362	GEO_Eqn_6.12b_nls03	10309.59	-130.0	-246.0	1.0	130.0	0.1	1804.0
B349	362	GEO_Eqn_6.12b_nls03	10586.99	-130.0	-239.0	1.0	130.0	-0.2	1872.0
B349	362	GEO_Eqn_6.12b_nls03	10864.39	-130.0	-232.0	1.0	130.0	-0.5	1937.0
B349	362	GEO_Eqn_6.12b_nls03	10864.39	1.0	178.0	-1.0	-85.0	-0.2	1983.0
B349	362	GEO_Eqn_6.12b_nls03	11317.07	1.0	189.0	-1.0	-85.0	0.0	1900.0
B349	362	GEO_Eqn_6.12b_nls03	11769.75	1.0	200.0	-1.0	-85.0	0.2	1812.0
B349	362	GEO_Eqn_6.12b_nls03	11769.75	-1.0	215.0	0.4	-76.0	0.2	1811.0
B349	362	GEO_Eqn_6.12b_nls03	12222.44	-1.0	226.0	0.4	-76.0	0.0	1712.0
B349	362	GEO_Eqn_6.12b_nls03	12675.12	-1.0	237.0	0.4	-76.0	-0.2	1607.0
B349	362	GEO_Eqn_6.12b_nls03	12675.12	0.2	390.0	-1.0	-54.0	-0.3	1607.0
B349	362	GEO_Eqn_6.12b_nls03	13127.8	0.2	401.0	-1.0	-54.0	0.0	1427.0
B349	362	GEO_Eqn_6.12b_nls03	13580.49	0.1	412.0	-1.0	-54.0	0.3	1243.0
B349	362	GEO_Eqn_6.12b_nls03	13580.49	-0.1	451.0	1.0	-33.0	0.3	1244.0
B349	362	GEO_Eqn_6.12b_nls03	14033.17	-0.2	462.0	1.0	-33.0	0.0	1037.0
B349	362	GEO_Eqn_6.12b_nls03	14485.85	-0.2	473.0	1.0	-33.0	-0.3	825.0
B349	362	GEO_Eqn_6.12b_nls03	14485.85	-0.1	498.0	-0.4	-17.0	-0.2	823.0
B349	362	GEO_Eqn_6.12b_nls03	14938.53	-0.1	509.0	-0.4	-17.0	0.0	595.0
B349	362	GEO_Eqn_6.12b_nls03	15391.22	-0.1	520.0	-0.4	-17.0	0.2	362.0
B349	362	GEO_Eqn_6.12b_nls03	15391.22	0.1	536.0	0.4	-11.0	0.2	360.0
B349	362	GEO_Eqn_6.12b_nls03	15843.9	0.1	547.0	0.4	-11.0	0.0	115.0
B349	362	GEO_Eqn_6.12b_nls03	16296.58	0.1	557.0	0.4	-11.0	-0.2	-134.0
B349	362	GEO_Eqn_6.12b_nls04	0	-234.0	-37.0	-8.0	-82.0	-7.0	13.0
B349	362	GEO_Eqn_6.12b_nls04	290	-234.0	-30.0	-8.0	-82.0	-4.0	23.0
B349	362	GEO_Eqn_6.12b_nls04	580	-234.0	-23.0	-8.0	-82.0	-2.0	31.0
B349	362	GEO_Eqn_6.12b_nls04	580	-118.0	-6.0	-5.0	-81.0	3.0	26.0
B349	362	GEO_Eqn_6.12b_nls04	966.67	-118.0	3.0	-5.0	-81.0	5.0	27.0
B349	362	GEO_Eqn_6.12b_nls04	966.67	-84.0	4.0	1.0	-75.0	5.0	25.0
B349	362	GEO_Eqn_6.12b_nls04	1160	-84.0	9.0	1.0	-75.0	5.0	24.0
B349	362	GEO_Eqn_6.12b_nls04	1160	20.0	26.0	4.0	-73.0	4.0	17.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls04	1450	20.0	33.0	3.0	-73.0	3.0	8.0
B349	362	GEO_Eqn_6.12b_nls04	1740	20.0	40.0	3.0	-73.0	2.0	-2.0
B349	362	GEO_Eqn_6.12b_nls04	1740	101.0	2.0	1.0	-71.0	1.0	-7.0
B349	362	GEO_Eqn_6.12b_nls04	1933.33	101.0	6.0	1.0	-71.0	0.4	-7.0
B349	362	GEO_Eqn_6.12b_nls04	1933.33	127.0	29.0	1.0	-64.0	-0.4	-14.0
B349	362	GEO_Eqn_6.12b_nls04	2320	127.0	39.0	1.0	-64.0	-1.0	-27.0
B349	362	GEO_Eqn_6.12b_nls04	2320	203.0	-22.0	2.0	-63.0	-2.0	-33.0
B349	362	GEO_Eqn_6.12b_nls04	2610	203.0	-15.0	2.0	-63.0	-2.0	-28.0
B349	362	GEO_Eqn_6.12b_nls04	2900	203.0	-8.0	2.0	-63.0	-3.0	-24.0
B349	362	GEO_Eqn_6.12b_nls04	2900	-134.0	-77.0	-2.0	-43.0	-1.0	-27.0
B349	362	GEO_Eqn_6.12b_nls04	3395.12	-134.0	-65.0	-2.0	-43.0	0.4	8.0
B349	362	GEO_Eqn_6.12b_nls04	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls04	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls04	3400	-43.0	-103.0	0.2	-27.0	0.2	8.0
B349	362	GEO_Eqn_6.12b_nls04	3900	-43.0	-91.0	0.1	-27.0	0.2	56.0
B349	362	GEO_Eqn_6.12b_nls04	3900	48.0	-44.0	0.1	-25.0	0.1	62.0
B349	362	GEO_Eqn_6.12b_nls04	4147.56	48.0	-38.0	0.1	-25.0	0.1	72.0
B349	362	GEO_Eqn_6.12b_nls04	4147.56	58.0	-30.0	0.0	-21.0	-0.1	87.0
B349	362	GEO_Eqn_6.12b_nls04	4400	58.0	-24.0	0.0	-21.0	-0.1	94.0
B349	362	GEO_Eqn_6.12b_nls04	4400	123.0	-1.0	0.0	-19.0	-0.1	95.0
B349	362	GEO_Eqn_6.12b_nls04	4900	123.0	11.0	0.0	-19.0	-0.1	92.0
B349	362	GEO_Eqn_6.12b_nls04	4900	0.0	127.0	0.0	3.0	0.0	87.0
B349	362	GEO_Eqn_6.12b_nls04	5166.1	0.0	133.0	0.0	3.0	0.0	52.0
B349	362	GEO_Eqn_6.12b_nls04	5432.19	0.0	139.0	0.0	3.0	0.0	16.0
B349	362	GEO_Eqn_6.12b_nls04	5432.19	-87.0	-4.0	0.0	12.0	0.3	6.0
B349	362	GEO_Eqn_6.12b_nls04	5475	-87.0	-3.0	0.0	12.0	0.3	6.0
B349	362	GEO_Eqn_6.12b_nls04	5475	-52.0	-153.0	0.4	16.0	0.2	21.0
B349	362	GEO_Eqn_6.12b_nls04	5762.5	-52.0	-146.0	0.4	16.0	0.1	64.0
B349	362	GEO_Eqn_6.12b_nls04	6050	-52.0	-139.0	0.4	16.0	0.0	105.0
B349	362	GEO_Eqn_6.12b_nls04	6050	-7.0	-71.0	0.0	18.0	-0.2	117.0
B349	362	GEO_Eqn_6.12b_nls04	6316.1	-7.0	-65.0	0.0	18.0	-0.2	135.0
B349	362	GEO_Eqn_6.12b_nls04	6316.1	2.0	-65.0	-0.1	25.0	-0.2	163.0
B349	362	GEO_Eqn_6.12b_nls04	6625	2.0	-58.0	-0.1	25.0	-0.2	182.0
B349	362	GEO_Eqn_6.12b_nls04	6625	61.0	-188.0	-1.0	27.0	-0.1	192.0
B349	362	GEO_Eqn_6.12b_nls04	6912.5	61.0	-181.0	-1.0	27.0	0.1	245.0
B349	362	GEO_Eqn_6.12b_nls04	7200	61.0	-174.0	-1.0	27.0	0.3	296.0
B349	362	GEO_Eqn_6.12b_nls04	7200	-83.0	-232.0	0.1	54.0	0.0	304.0
B349	362	GEO_Eqn_6.12b_nls04	7700	-83.0	-220.0	0.1	54.0	0.0	417.0
B349	362	GEO_Eqn_6.12b_nls04	7700	-17.0	-285.0	0.0	54.0	0.0	428.0
B349	362	GEO_Eqn_6.12b_nls04	8200	-17.0	-273.0	-0.1	54.0	0.0	568.0
B349	362	GEO_Eqn_6.12b_nls04	8200	42.0	-274.0	0.0	76.0	-0.1	577.0
B349	362	GEO_Eqn_6.12b_nls04	8700	42.0	-262.0	0.0	76.0	-0.1	711.0
B349	362	GEO_Eqn_6.12b_nls04	8700	58.0	-293.0	-0.4	76.0	0.0	725.0
B349	362	GEO_Eqn_6.12b_nls04	9200	58.0	-281.0	-0.4	76.0	0.1	868.0
B349	362	GEO_Eqn_6.12b_nls04	9200	48.0	-304.0	0.3	91.0	0.1	877.0
B349	362	GEO_Eqn_6.12b_nls04	9477.4	48.0	-298.0	0.3	91.0	0.0	960.0
B349	362	GEO_Eqn_6.12b_nls04	9754.8	48.0	-291.0	0.3	91.0	-0.1	1042.0
B349	362	GEO_Eqn_6.12b_nls04	9754.8	13.0	-168.0	0.0	92.0	-0.2	1076.0
B349	362	GEO_Eqn_6.12b_nls04	10032.19	13.0	-161.0	0.0	92.0	-0.2	1121.0
B349	362	GEO_Eqn_6.12b_nls04	10032.19	4.0	-153.0	0.0	93.0	0.1	1182.0
B349	362	GEO_Eqn_6.12b_nls04	10309.59	4.0	-146.0	0.0	93.0	0.1	1224.0
B349	362	GEO_Eqn_6.12b_nls04	10309.59	-56.0	-267.0	0.1	94.0	0.0	1261.0
B349	362	GEO_Eqn_6.12b_nls04	10586.99	-56.0	-260.0	0.1	94.0	0.0	1334.0
B349	362	GEO_Eqn_6.12b_nls04	10864.39	-56.0	-253.0	0.1	94.0	0.0	1405.0
B349	362	GEO_Eqn_6.12b_nls04	10864.39	0.3	74.0	-0.5	-54.0	-0.2	1440.0
B349	362	GEO_Eqn_6.12b_nls04	11317.07	0.3	85.0	-0.5	-54.0	0.0	1404.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls04	11769.75	0.3	96.0	-1.0	-54.0	0.2	1364.0
B349	362	GEO_Eqn_6.12b_nls04	11769.75	-0.3	111.0	0.4	-45.0	0.2	1363.0
B349	362	GEO_Eqn_6.12b_nls04	12222.44	-0.3	122.0	0.4	-45.0	0.0	1310.0
B349	362	GEO_Eqn_6.12b_nls04	12675.12	-0.3	133.0	0.4	-45.0	-0.2	1253.0
B349	362	GEO_Eqn_6.12b_nls04	12675.12	0.1	264.0	-1.0	-22.0	-0.3	1253.0
B349	362	GEO_Eqn_6.12b_nls04	13127.8	0.1	275.0	-1.0	-22.0	0.0	1131.0
B349	362	GEO_Eqn_6.12b_nls04	13580.49	0.1	286.0	-1.0	-22.0	0.3	1004.0
B349	362	GEO_Eqn_6.12b_nls04	13580.49	-0.1	326.0	1.0	-0.1	0.3	1005.0
B349	362	GEO_Eqn_6.12b_nls04	14033.17	-0.1	337.0	1.0	-0.1	0.0	855.0
B349	362	GEO_Eqn_6.12b_nls04	14485.85	-0.1	347.0	1.0	-0.1	-0.3	700.0
B349	362	GEO_Eqn_6.12b_nls04	14485.85	-0.2	392.0	-0.3	16.0	-0.2	699.0
B349	362	GEO_Eqn_6.12b_nls04	14938.53	-0.2	403.0	-0.3	16.0	0.0	518.0
B349	362	GEO_Eqn_6.12b_nls04	15391.22	-0.2	414.0	-0.3	16.0	0.1	333.0
B349	362	GEO_Eqn_6.12b_nls04	15391.22	0.2	430.0	0.4	23.0	0.2	332.0
B349	362	GEO_Eqn_6.12b_nls04	15843.9	0.2	441.0	0.4	23.0	0.0	135.0
B349	362	GEO_Eqn_6.12b_nls04	16296.58	0.2	452.0	0.4	23.0	-0.2	-67.0
B349	362	GEO_Eqn_6.12b_nls05	0	240.0	-366.0	14.0	-51.0	11.0	113.0
B349	362	GEO_Eqn_6.12b_nls05	290	240.0	-359.0	14.0	-51.0	7.0	218.0
B349	362	GEO_Eqn_6.12b_nls05	580	240.0	-352.0	14.0	-51.0	3.0	321.0
B349	362	GEO_Eqn_6.12b_nls05	580	129.0	-154.0	7.0	-52.0	-5.0	357.0
B349	362	GEO_Eqn_6.12b_nls05	966.67	129.0	-145.0	7.0	-52.0	-7.0	415.0
B349	362	GEO_Eqn_6.12b_nls05	966.67	91.0	-57.0	-1.0	-52.0	-8.0	452.0
B349	362	GEO_Eqn_6.12b_nls05	1160	91.0	-53.0	-1.0	-52.0	-8.0	463.0
B349	362	GEO_Eqn_6.12b_nls05	1160	-9.0	-131.0	-5.0	-52.0	-6.0	479.0
B349	362	GEO_Eqn_6.12b_nls05	1450	-9.0	-124.0	-5.0	-52.0	-5.0	516.0
B349	362	GEO_Eqn_6.12b_nls05	1740	-9.0	-117.0	-5.0	-52.0	-3.0	551.0
B349	362	GEO_Eqn_6.12b_nls05	1740	-96.0	-11.0	-1.0	-52.0	-2.0	561.0
B349	362	GEO_Eqn_6.12b_nls05	1933.33	-96.0	-6.0	-1.0	-52.0	-1.0	563.0
B349	362	GEO_Eqn_6.12b_nls05	1933.33	-126.0	0.4	-3.0	-49.0	-0.2	566.0
B349	362	GEO_Eqn_6.12b_nls05	2320	-126.0	10.0	-3.0	-49.0	1.0	564.0
B349	362	GEO_Eqn_6.12b_nls05	2320	-231.0	157.0	-5.0	-49.0	3.0	562.0
B349	362	GEO_Eqn_6.12b_nls05	2610	-231.0	164.0	-5.0	-49.0	5.0	515.0
B349	362	GEO_Eqn_6.12b_nls05	2900	-231.0	171.0	-5.0	-49.0	6.0	467.0
B349	362	GEO_Eqn_6.12b_nls05	2900	258.0	387.0	5.0	-38.0	1.0	467.0
B349	362	GEO_Eqn_6.12b_nls05	3395.12	258.0	399.0	5.0	-38.0	-1.0	272.0
B349	362	GEO_Eqn_6.12b_nls05	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls05	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls05	3400	77.0	517.0	-0.4	-27.0	-1.0	266.0
B349	362	GEO_Eqn_6.12b_nls05	3900	77.0	529.0	-0.5	-27.0	-0.4	4.0
B349	362	GEO_Eqn_6.12b_nls05	3900	-97.0	245.0	-0.1	-26.0	-0.2	-40.0
B349	362	GEO_Eqn_6.12b_nls05	4147.56	-97.0	251.0	-0.2	-26.0	-0.2	-102.0
B349	362	GEO_Eqn_6.12b_nls05	4147.56	-114.0	259.0	-0.1	-22.0	0.1	-208.0
B349	362	GEO_Eqn_6.12b_nls05	4400	-114.0	265.0	-0.1	-22.0	0.1	-275.0
B349	362	GEO_Eqn_6.12b_nls05	4400	-227.0	560.0	-0.4	-21.0	0.3	-331.0
B349	362	GEO_Eqn_6.12b_nls05	4900	-227.0	572.0	-0.4	-21.0	0.5	-614.0
B349	362	GEO_Eqn_6.12b_nls05	4900	0.0	664.0	0.0	-4.0	0.0	-633.0
B349	362	GEO_Eqn_6.12b_nls05	5166.1	0.0	670.0	0.0	-4.0	0.0	-811.0
B349	362	GEO_Eqn_6.12b_nls05	5432.19	0.0	677.0	0.0	-4.0	0.0	-990.0
B349	362	GEO_Eqn_6.12b_nls05	5432.19	43.0	-16.0	0.0	3.0	1.0	-1021.0
B349	362	GEO_Eqn_6.12b_nls05	5475	43.0	-15.0	0.0	3.0	1.0	-1020.0
B349	362	GEO_Eqn_6.12b_nls05	5475	22.0	-917.0	1.0	6.0	1.0	-932.0
B349	362	GEO_Eqn_6.12b_nls05	5762.5	22.0	-910.0	1.0	6.0	0.3	-669.0
B349	362	GEO_Eqn_6.12b_nls05	6050	22.0	-903.0	1.0	6.0	-0.1	-408.0
B349	362	GEO_Eqn_6.12b_nls05	6050	16.0	-281.0	0.2	7.0	-1.0	-340.0
B349	362	GEO_Eqn_6.12b_nls05	6316.1	16.0	-274.0	0.2	7.0	-1.0	-266.0
B349	362	GEO_Eqn_6.12b_nls05	6316.1	10.0	-312.0	-0.3	13.0	-1.0	-152.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls05	6625	10.0	-304.0	-0.3	13.0	-1.0	-57.0
B349	362	GEO_Eqn_6.12b_nls05	6625	-38.0	-257.0	-2.0	14.0	-0.1	-9.0
B349	362	GEO_Eqn_6.12b_nls05	6912.5	-38.0	-250.0	-2.0	14.0	0.3	64.0
B349	362	GEO_Eqn_6.12b_nls05	7200	-38.0	-243.0	-2.0	14.0	1.0	135.0
B349	362	GEO_Eqn_6.12b_nls05	7200	145.0	23.0	1.0	33.0	0.4	146.0
B349	362	GEO_Eqn_6.12b_nls05	7700	145.0	35.0	1.0	33.0	0.0	131.0
B349	362	GEO_Eqn_6.12b_nls05	7700	46.0	146.0	0.3	32.0	-0.2	130.0
B349	362	GEO_Eqn_6.12b_nls05	8200	46.0	158.0	0.3	32.0	-0.3	54.0
B349	362	GEO_Eqn_6.12b_nls05	8200	-67.0	228.0	0.0	49.0	-0.1	53.0
B349	362	GEO_Eqn_6.12b_nls05	8700	-67.0	240.0	0.0	49.0	-0.1	-64.0
B349	362	GEO_Eqn_6.12b_nls05	8700	-123.0	247.0	-1.0	48.0	0.0	-75.0
B349	362	GEO_Eqn_6.12b_nls05	9200	-123.0	259.0	-1.0	48.0	0.3	-201.0
B349	362	GEO_Eqn_6.12b_nls05	9200	49.0	368.0	2.0	53.0	1.0	-210.0
B349	362	GEO_Eqn_6.12b_nls05	9477.4	49.0	375.0	2.0	53.0	1.0	-314.0
B349	362	GEO_Eqn_6.12b_nls05	9754.8	49.0	381.0	2.0	53.0	-0.1	-418.0
B349	362	GEO_Eqn_6.12b_nls05	9754.8	9.0	287.0	0.5	52.0	-1.0	-467.0
B349	362	GEO_Eqn_6.12b_nls05	10032.19	9.0	294.0	0.5	52.0	-1.0	-548.0
B349	362	GEO_Eqn_6.12b_nls05	10032.19	-1.0	284.0	-0.5	52.0	-1.0	-658.0
B349	362	GEO_Eqn_6.12b_nls05	10309.59	-1.0	291.0	-1.0	52.0	-1.0	-737.0
B349	362	GEO_Eqn_6.12b_nls05	10309.59	-53.0	915.0	-2.0	51.0	-0.1	-819.0
B349	362	GEO_Eqn_6.12b_nls05	10586.99	-53.0	922.0	-2.0	51.0	1.0	-1074.0
B349	362	GEO_Eqn_6.12b_nls05	10864.39	-53.0	929.0	-2.0	51.0	1.0	-1330.0
B349	362	GEO_Eqn_6.12b_nls05	10864.39	0.0	-481.0	0.5	-51.0	0.2	-1332.0
B349	362	GEO_Eqn_6.12b_nls05	11317.07	0.0	-470.0	0.5	-51.0	0.0	-1116.0
B349	362	GEO_Eqn_6.12b_nls05	11769.75	0.0	-459.0	0.5	-51.0	-0.2	-906.0
B349	362	GEO_Eqn_6.12b_nls05	11769.75	0.0	-444.0	-0.5	-40.0	-0.2	-905.0
B349	362	GEO_Eqn_6.12b_nls05	12222.44	0.0	-433.0	-0.5	-40.0	0.0	-706.0
B349	362	GEO_Eqn_6.12b_nls05	12675.12	0.0	-422.0	-0.5	-40.0	0.2	-513.0
B349	362	GEO_Eqn_6.12b_nls05	12675.12	0.0	-291.0	1.0	-16.0	0.3	-511.0
B349	362	GEO_Eqn_6.12b_nls05	13127.8	0.0	-281.0	1.0	-16.0	0.0	-381.0
B349	362	GEO_Eqn_6.12b_nls05	13580.49	0.0	-270.0	1.0	-16.0	-0.3	-257.0
B349	362	GEO_Eqn_6.12b_nls05	13580.49	0.0	-229.0	-1.0	7.0	-0.3	-254.0
B349	362	GEO_Eqn_6.12b_nls05	14033.17	0.0	-218.0	-1.0	7.0	0.0	-152.0
B349	362	GEO_Eqn_6.12b_nls05	14485.85	0.0	-207.0	-1.0	7.0	0.3	-56.0
B349	362	GEO_Eqn_6.12b_nls05	14485.85	0.1	-95.0	0.4	24.0	0.2	-56.0
B349	362	GEO_Eqn_6.12b_nls05	14938.53	0.1	-84.0	0.4	24.0	0.0	-15.0
B349	362	GEO_Eqn_6.12b_nls05	15391.22	0.1	-73.0	0.4	24.0	-0.2	21.0
B349	362	GEO_Eqn_6.12b_nls05	15391.22	-0.1	-55.0	-0.5	32.0	-0.2	21.0
B349	362	GEO_Eqn_6.12b_nls05	15843.9	-0.1	-44.0	-0.5	32.0	0.0	44.0
B349	362	GEO_Eqn_6.12b_nls05	16296.58	-0.1	-33.0	-0.5	32.0	0.2	61.0
B349	362	GEO_Eqn_6.12b_nls06	0	98.0	-393.0	11.0	-68.0	9.0	240.0
B349	362	GEO_Eqn_6.12b_nls06	290	98.0	-386.0	11.0	-68.0	6.0	353.0
B349	362	GEO_Eqn_6.12b_nls06	580	98.0	-379.0	11.0	-68.0	3.0	464.0
B349	362	GEO_Eqn_6.12b_nls06	580	60.0	-125.0	5.0	-69.0	-4.0	493.0
B349	362	GEO_Eqn_6.12b_nls06	966.67	60.0	-115.0	5.0	-69.0	-6.0	540.0
B349	362	GEO_Eqn_6.12b_nls06	966.67	41.0	-44.0	-1.0	-69.0	-6.0	568.0
B349	362	GEO_Eqn_6.12b_nls06	1160	41.0	-40.0	-1.0	-69.0	-6.0	576.0
B349	362	GEO_Eqn_6.12b_nls06	1160	4.0	-57.0	-4.0	-69.0	-5.0	586.0
B349	362	GEO_Eqn_6.12b_nls06	1450	4.0	-50.0	-4.0	-69.0	-4.0	601.0
B349	362	GEO_Eqn_6.12b_nls06	1740	4.0	-43.0	-4.0	-69.0	-3.0	615.0
B349	362	GEO_Eqn_6.12b_nls06	1740	-34.0	9.0	-1.0	-69.0	-1.0	617.0
B349	362	GEO_Eqn_6.12b_nls06	1933.33	-34.0	13.0	-1.0	-69.0	-1.0	615.0
B349	362	GEO_Eqn_6.12b_nls06	1933.33	-51.0	48.0	-2.0	-66.0	-1.0	605.0
B349	362	GEO_Eqn_6.12b_nls06	2320	-51.0	58.0	-2.0	-66.0	0.4	584.0
B349	362	GEO_Eqn_6.12b_nls06	2320	-111.0	188.0	-5.0	-66.0	2.0	575.0
B349	362	GEO_Eqn_6.12b_nls06	2610	-111.0	195.0	-5.0	-66.0	4.0	519.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls06	2900	-111.0	202.0	-5.0	-66.0	5.0	462.0
B349	362	GEO_Eqn_6.12b_nls06	2900	172.0	364.0	4.0	-57.0	1.0	459.0
B349	362	GEO_Eqn_6.12b_nls06	3395.12	172.0	376.0	4.0	-57.0	-1.0	276.0
B349	362	GEO_Eqn_6.12b_nls06	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls06	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls06	3400	47.0	458.0	-0.4	-46.0	-1.0	269.0
B349	362	GEO_Eqn_6.12b_nls06	3900	47.0	470.0	-0.4	-46.0	-0.3	36.0
B349	362	GEO_Eqn_6.12b_nls06	3900	-67.0	219.0	-0.1	-45.0	-0.2	-5.0
B349	362	GEO_Eqn_6.12b_nls06	4147.56	-67.0	225.0	-0.1	-45.0	-0.2	-60.0
B349	362	GEO_Eqn_6.12b_nls06	4147.56	-78.0	233.0	-0.1	-41.0	0.0	-155.0
B349	362	GEO_Eqn_6.12b_nls06	4400	-78.0	240.0	-0.1	-41.0	0.0	-215.0
B349	362	GEO_Eqn_6.12b_nls06	4400	-145.0	543.0	-1.0	-41.0	0.2	-268.0
B349	362	GEO_Eqn_6.12b_nls06	4900	-145.0	555.0	-1.0	-41.0	0.5	-543.0
B349	362	GEO_Eqn_6.12b_nls06	4900	0.0	708.0	0.0	-25.0	0.0	-564.0
B349	362	GEO_Eqn_6.12b_nls06	5166.1	0.0	714.0	0.0	-25.0	0.0	-754.0
B349	362	GEO_Eqn_6.12b_nls06	5432.19	0.0	720.0	0.0	-25.0	0.0	-944.0
B349	362	GEO_Eqn_6.12b_nls06	5432.19	6.0	-15.0	0.0	-19.0	1.0	-984.0
B349	362	GEO_Eqn_6.12b_nls06	5475	6.0	-14.0	0.0	-19.0	1.0	-984.0
B349	362	GEO_Eqn_6.12b_nls06	5475	4.0	-769.0	2.0	-17.0	1.0	-899.0
B349	362	GEO_Eqn_6.12b_nls06	5762.5	4.0	-762.0	2.0	-17.0	0.3	-678.0
B349	362	GEO_Eqn_6.12b_nls06	6050	4.0	-756.0	2.0	-17.0	-0.2	-460.0
B349	362	GEO_Eqn_6.12b_nls06	6050	14.0	-209.0	0.3	-16.0	-1.0	-407.0
B349	362	GEO_Eqn_6.12b_nls06	6316.1	14.0	-202.0	0.3	-16.0	-1.0	-353.0
B349	362	GEO_Eqn_6.12b_nls06	6316.1	12.0	-225.0	-0.3	-11.0	-1.0	-269.0
B349	362	GEO_Eqn_6.12b_nls06	6625	12.0	-217.0	-0.3	-11.0	-1.0	-201.0
B349	362	GEO_Eqn_6.12b_nls06	6625	-17.0	-135.0	-2.0	-10.0	-0.2	-169.0
B349	362	GEO_Eqn_6.12b_nls06	6912.5	-17.0	-128.0	-2.0	-10.0	0.4	-131.0
B349	362	GEO_Eqn_6.12b_nls06	7200	-17.0	-121.0	-2.0	-10.0	1.0	-95.0
B349	362	GEO_Eqn_6.12b_nls06	7200	62.0	93.0	1.0	7.0	0.4	-89.0
B349	362	GEO_Eqn_6.12b_nls06	7700	62.0	105.0	1.0	7.0	0.0	-138.0
B349	362	GEO_Eqn_6.12b_nls06	7700	5.0	184.0	0.2	7.0	-0.2	-144.0
B349	362	GEO_Eqn_6.12b_nls06	8200	5.0	196.0	0.2	7.0	-0.3	-239.0
B349	362	GEO_Eqn_6.12b_nls06	8200	-34.0	278.0	-0.1	21.0	-0.1	-244.0
B349	362	GEO_Eqn_6.12b_nls06	8700	-34.0	290.0	-0.1	21.0	-0.1	-387.0
B349	362	GEO_Eqn_6.12b_nls06	8700	-33.0	353.0	-1.0	20.0	0.0	-403.0
B349	362	GEO_Eqn_6.12b_nls06	9200	-33.0	365.0	-1.0	20.0	0.4	-583.0
B349	362	GEO_Eqn_6.12b_nls06	9200	-22.0	543.0	3.0	22.0	2.0	-600.0
B349	362	GEO_Eqn_6.12b_nls06	9477.4	-22.0	550.0	3.0	22.0	1.0	-752.0
B349	362	GEO_Eqn_6.12b_nls06	9754.8	-22.0	557.0	3.0	22.0	-0.1	-905.0
B349	362	GEO_Eqn_6.12b_nls06	9754.8	-3.0	379.0	1.0	20.0	-1.0	-975.0
B349	362	GEO_Eqn_6.12b_nls06	10032.19	-3.0	386.0	1.0	20.0	-1.0	-1081.0
B349	362	GEO_Eqn_6.12b_nls06	10032.19	1.0	370.0	-1.0	18.0	-2.0	-1228.0
B349	362	GEO_Eqn_6.12b_nls06	10309.59	1.0	376.0	-1.0	18.0	-2.0	-1331.0
B349	362	GEO_Eqn_6.12b_nls06	10309.59	23.0	955.0	-3.0	17.0	-0.2	-1432.0
B349	362	GEO_Eqn_6.12b_nls06	10586.99	23.0	961.0	-3.0	17.0	1.0	-1698.0
B349	362	GEO_Eqn_6.12b_nls06	10864.39	23.0	968.0	-3.0	17.0	2.0	-1965.0
B349	362	GEO_Eqn_6.12b_nls06	10864.39	-0.3	-606.0	0.5	-18.0	0.2	-1980.0
B349	362	GEO_Eqn_6.12b_nls06	11317.07	-0.3	-595.0	0.5	-18.0	0.0	-1708.0
B349	362	GEO_Eqn_6.12b_nls06	11769.75	-0.3	-584.0	0.5	-18.0	-0.2	-1441.0
B349	362	GEO_Eqn_6.12b_nls06	11769.75	0.3	-568.0	-0.4	-7.0	-0.2	-1440.0
B349	362	GEO_Eqn_6.12b_nls06	12222.44	0.3	-557.0	-0.4	-7.0	0.0	-1185.0
B349	362	GEO_Eqn_6.12b_nls06	12675.12	0.3	-546.0	-0.4	-7.0	0.2	-935.0
B349	362	GEO_Eqn_6.12b_nls06	12675.12	-0.1	-437.0	1.0	18.0	0.3	-932.0
B349	362	GEO_Eqn_6.12b_nls06	13127.8	-0.1	-426.0	1.0	18.0	0.0	-737.0
B349	362	GEO_Eqn_6.12b_nls06	13580.49	-0.1	-415.0	1.0	18.0	-0.3	-546.0
B349	362	GEO_Eqn_6.12b_nls06	13580.49	0.1	-375.0	-1.0	41.0	-0.3	-543.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls06	14033.17	0.1	-364.0	-1.0	41.0	0.0	-376.0
B349	362	GEO_Eqn_6.12b_nls06	14485.85	0.1	-353.0	-1.0	41.0	0.3	-213.0
B349	362	GEO_Eqn_6.12b_nls06	14485.85	0.1	-221.0	0.4	59.0	0.2	-212.0
B349	362	GEO_Eqn_6.12b_nls06	14938.53	0.1	-211.0	0.4	59.0	0.0	-115.0
B349	362	GEO_Eqn_6.12b_nls06	15391.22	0.1	-200.0	0.4	59.0	-0.2	-22.0
B349	362	GEO_Eqn_6.12b_nls06	15391.22	-0.1	-180.0	-0.5	67.0	-0.2	-21.0
B349	362	GEO_Eqn_6.12b_nls06	15843.9	-0.1	-170.0	-0.5	67.0	0.0	58.0
B349	362	GEO_Eqn_6.12b_nls06	16296.58	-0.1	-159.0	-0.5	67.0	0.2	133.0
B349	362	GEO_Eqn_6.12b_nls07	0	-128.0	-25.0	-6.0	-67.0	-5.0	-96.0
B349	362	GEO_Eqn_6.12b_nls07	290	-128.0	-18.0	-6.0	-67.0	-3.0	-90.0
B349	362	GEO_Eqn_6.12b_nls07	580	-128.0	-11.0	-6.0	-67.0	-1.0	-86.0
B349	362	GEO_Eqn_6.12b_nls07	580	-67.0	-31.0	-3.0	-65.0	2.0	-85.0
B349	362	GEO_Eqn_6.12b_nls07	966.67	-67.0	-22.0	-3.0	-65.0	3.0	-74.0
B349	362	GEO_Eqn_6.12b_nls07	966.67	-47.0	-7.0	0.4	-60.0	4.0	-69.0
B349	362	GEO_Eqn_6.12b_nls07	1160	-47.0	-2.0	0.4	-60.0	4.0	-68.0
B349	362	GEO_Eqn_6.12b_nls07	1160	9.0	-33.0	3.0	-58.0	3.0	-69.0
B349	362	GEO_Eqn_6.12b_nls07	1450	9.0	-26.0	3.0	-58.0	2.0	-61.0
B349	362	GEO_Eqn_6.12b_nls07	1740	9.0	-19.0	3.0	-58.0	1.0	-54.0
B349	362	GEO_Eqn_6.12b_nls07	1740	55.0	-14.0	0.4	-55.0	0.4	-53.0
B349	362	GEO_Eqn_6.12b_nls07	1933.33	55.0	-9.0	0.4	-55.0	0.4	-51.0
B349	362	GEO_Eqn_6.12b_nls07	1933.33	70.0	-9.0	1.0	-48.0	-0.2	-47.0
B349	362	GEO_Eqn_6.12b_nls07	2320	70.0	1.0	1.0	-48.0	-1.0	-45.0
B349	362	GEO_Eqn_6.12b_nls07	2320	114.0	-49.0	1.0	-47.0	-1.0	-45.0
B349	362	GEO_Eqn_6.12b_nls07	2610	114.0	-42.0	1.0	-47.0	-2.0	-32.0
B349	362	GEO_Eqn_6.12b_nls07	2900	114.0	-35.0	1.0	-47.0	-2.0	-21.0
B349	362	GEO_Eqn_6.12b_nls07	2900	-74.0	-65.0	-1.0	-27.0	-0.4	-22.0
B349	362	GEO_Eqn_6.12b_nls07	3395.12	-74.0	-53.0	-1.0	-27.0	0.2	7.0
B349	362	GEO_Eqn_6.12b_nls07	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls07	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls07	3400	-22.0	-65.0	0.1	-10.0	0.1	8.0
B349	362	GEO_Eqn_6.12b_nls07	3900	-22.0	-53.0	0.1	-10.0	0.1	38.0
B349	362	GEO_Eqn_6.12b_nls07	3900	27.0	-27.0	0.0	-8.0	0.1	41.0
B349	362	GEO_Eqn_6.12b_nls07	4147.56	27.0	-21.0	0.0	-8.0	0.1	47.0
B349	362	GEO_Eqn_6.12b_nls07	4147.56	32.0	-13.0	0.1	-3.0	0.0	55.0
B349	362	GEO_Eqn_6.12b_nls07	4400	32.0	-7.0	0.0	-3.0	-0.1	57.0
B349	362	GEO_Eqn_6.12b_nls07	4400	66.0	9.0	0.0	-2.0	-0.1	56.0
B349	362	GEO_Eqn_6.12b_nls07	4900	66.0	21.0	0.0	-2.0	-0.1	49.0
B349	362	GEO_Eqn_6.12b_nls07	4900	0.0	98.0	0.0	21.0	0.0	45.0
B349	362	GEO_Eqn_6.12b_nls07	5166.1	0.0	104.0	0.0	21.0	0.0	18.0
B349	362	GEO_Eqn_6.12b_nls07	5432.19	0.0	111.0	0.0	21.0	0.0	-10.0
B349	362	GEO_Eqn_6.12b_nls07	5432.19	-59.0	-5.0	0.0	31.0	0.2	-14.0
B349	362	GEO_Eqn_6.12b_nls07	5475	-59.0	-4.0	0.0	31.0	0.2	-14.0
B349	362	GEO_Eqn_6.12b_nls07	5475	-37.0	-254.0	0.3	36.0	0.1	3.0
B349	362	GEO_Eqn_6.12b_nls07	5762.5	-37.0	-247.0	0.3	36.0	0.1	75.0
B349	362	GEO_Eqn_6.12b_nls07	6050	-37.0	-240.0	0.2	36.0	0.0	145.0
B349	362	GEO_Eqn_6.12b_nls07	6050	-5.0	-115.0	0.0	38.0	-0.1	168.0
B349	362	GEO_Eqn_6.12b_nls07	6316.1	-5.0	-109.0	0.0	38.0	-0.1	198.0
B349	362	GEO_Eqn_6.12b_nls07	6316.1	2.0	-118.0	0.0	45.0	-0.2	244.0
B349	362	GEO_Eqn_6.12b_nls07	6625	2.0	-111.0	-0.1	45.0	-0.2	279.0
B349	362	GEO_Eqn_6.12b_nls07	6625	43.0	-248.0	-0.4	47.0	0.0	299.0
B349	362	GEO_Eqn_6.12b_nls07	6912.5	43.0	-241.0	-0.4	47.0	0.1	369.0
B349	362	GEO_Eqn_6.12b_nls07	7200	43.0	-234.0	-0.4	47.0	0.2	437.0
B349	362	GEO_Eqn_6.12b_nls07	7200	-20.0	-245.0	0.1	75.0	0.0	448.0
B349	362	GEO_Eqn_6.12b_nls07	7700	-20.0	-233.0	0.1	75.0	0.0	567.0
B349	362	GEO_Eqn_6.12b_nls07	7700	11.0	-271.0	0.0	75.0	0.0	580.0
B349	362	GEO_Eqn_6.12b_nls07	8200	11.0	-259.0	0.0	75.0	0.0	712.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls07	8200	16.0	-262.0	0.0	99.0	-0.1	723.0
B349	362	GEO_Eqn_6.12b_nls07	8700	16.0	-250.0	0.0	99.0	-0.1	851.0
B349	362	GEO_Eqn_6.12b_nls07	8700	-6.0	-310.0	-0.3	99.0	0.0	866.0
B349	362	GEO_Eqn_6.12b_nls07	9200	-6.0	-298.0	-0.3	99.0	0.1	1019.0
B349	362	GEO_Eqn_6.12b_nls07	9200	89.0	-351.0	-0.1	116.0	-0.1	1030.0
B349	362	GEO_Eqn_6.12b_nls07	9477.4	89.0	-344.0	-0.1	116.0	-0.1	1127.0
B349	362	GEO_Eqn_6.12b_nls07	9754.8	89.0	-338.0	-0.1	116.0	-0.1	1221.0
B349	362	GEO_Eqn_6.12b_nls07	9754.8	19.0	-183.0	-0.1	117.0	0.0	1260.0
B349	362	GEO_Eqn_6.12b_nls07	10032.19	19.0	-177.0	-0.1	117.0	0.0	1310.0
B349	362	GEO_Eqn_6.12b_nls07	10032.19	3.0	-166.0	0.1	120.0	0.5	1378.0
B349	362	GEO_Eqn_6.12b_nls07	10309.59	3.0	-159.0	0.1	120.0	0.4	1423.0
B349	362	GEO_Eqn_6.12b_nls07	10309.59	-100.0	-187.0	1.0	121.0	0.1	1462.0
B349	362	GEO_Eqn_6.12b_nls07	10586.99	-100.0	-181.0	1.0	121.0	-0.1	1513.0
B349	362	GEO_Eqn_6.12b_nls07	10864.39	-100.0	-174.0	1.0	121.0	-0.3	1562.0
B349	362	GEO_Eqn_6.12b_nls07	10864.39	1.0	104.0	-0.5	-71.0	-0.2	1602.0
B349	362	GEO_Eqn_6.12b_nls07	11317.07	0.5	115.0	-0.5	-71.0	0.0	1552.0
B349	362	GEO_Eqn_6.12b_nls07	11769.75	0.5	126.0	-0.5	-71.0	0.2	1497.0
B349	362	GEO_Eqn_6.12b_nls07	11769.75	-0.5	141.0	0.4	-62.0	0.2	1496.0
B349	362	GEO_Eqn_6.12b_nls07	12222.44	-0.5	152.0	0.4	-62.0	0.0	1430.0
B349	362	GEO_Eqn_6.12b_nls07	12675.12	-1.0	163.0	0.4	-62.0	-0.2	1359.0
B349	362	GEO_Eqn_6.12b_nls07	12675.12	0.1	308.0	-1.0	-39.0	-0.3	1359.0
B349	362	GEO_Eqn_6.12b_nls07	13127.8	0.1	319.0	-1.0	-39.0	0.0	1217.0
B349	362	GEO_Eqn_6.12b_nls07	13580.49	0.1	330.0	-1.0	-39.0	0.3	1070.0
B349	362	GEO_Eqn_6.12b_nls07	13580.49	-0.1	369.0	1.0	-18.0	0.3	1071.0
B349	362	GEO_Eqn_6.12b_nls07	14033.17	-0.1	380.0	1.0	-18.0	0.0	901.0
B349	362	GEO_Eqn_6.12b_nls07	14485.85	-0.1	391.0	1.0	-18.0	-0.3	727.0
B349	362	GEO_Eqn_6.12b_nls07	14485.85	-0.1	426.0	-0.3	-2.0	-0.2	725.0
B349	362	GEO_Eqn_6.12b_nls07	14938.53	-0.1	437.0	-0.3	-2.0	0.0	530.0
B349	362	GEO_Eqn_6.12b_nls07	15391.22	-0.1	448.0	-0.3	-2.0	0.1	329.0
B349	362	GEO_Eqn_6.12b_nls07	15391.22	0.1	464.0	0.4	4.0	0.2	328.0
B349	362	GEO_Eqn_6.12b_nls07	15843.9	0.1	475.0	0.4	4.0	0.0	115.0
B349	362	GEO_Eqn_6.12b_nls07	16296.58	0.1	486.0	0.4	4.0	-0.2	-102.0
B349	362	GEO_Eqn_6.12b_nls08	0	-275.0	-35.0	-9.0	-86.0	-8.0	36.0
B349	362	GEO_Eqn_6.12b_nls08	290	-275.0	-28.0	-9.0	-86.0	-5.0	45.0
B349	362	GEO_Eqn_6.12b_nls08	580	-275.0	-21.0	-9.0	-86.0	-2.0	52.0
B349	362	GEO_Eqn_6.12b_nls08	580	-139.0	2.0	-5.0	-85.0	3.0	46.0
B349	362	GEO_Eqn_6.12b_nls08	966.67	-139.0	11.0	-5.0	-85.0	5.0	43.0
B349	362	GEO_Eqn_6.12b_nls08	966.67	-99.0	7.0	1.0	-79.0	6.0	39.0
B349	362	GEO_Eqn_6.12b_nls08	1160	-99.0	12.0	1.0	-79.0	6.0	37.0
B349	362	GEO_Eqn_6.12b_nls08	1160	23.0	41.0	4.0	-77.0	4.0	28.0
B349	362	GEO_Eqn_6.12b_nls08	1450	23.0	48.0	4.0	-77.0	3.0	15.0
B349	362	GEO_Eqn_6.12b_nls08	1740	23.0	55.0	4.0	-77.0	2.0	-0.2
B349	362	GEO_Eqn_6.12b_nls08	1740	119.0	5.0	1.0	-75.0	1.0	-6.0
B349	362	GEO_Eqn_6.12b_nls08	1933.33	119.0	10.0	1.0	-75.0	0.5	-8.0
B349	362	GEO_Eqn_6.12b_nls08	1933.33	149.0	38.0	2.0	-67.0	-0.4	-16.0
B349	362	GEO_Eqn_6.12b_nls08	2320	149.0	47.0	2.0	-67.0	-1.0	-33.0
B349	362	GEO_Eqn_6.12b_nls08	2320	239.0	-22.0	2.0	-66.0	-2.0	-40.0
B349	362	GEO_Eqn_6.12b_nls08	2610	239.0	-15.0	2.0	-66.0	-3.0	-35.0
B349	362	GEO_Eqn_6.12b_nls08	2900	239.0	-8.0	2.0	-66.0	-3.0	-32.0
B349	362	GEO_Eqn_6.12b_nls08	2900	-161.0	-94.0	-2.0	-47.0	-1.0	-35.0
B349	362	GEO_Eqn_6.12b_nls08	3395.12	-161.0	-82.0	-2.0	-47.0	0.5	9.0
B349	362	GEO_Eqn_6.12b_nls08	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls08	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls08	3400	-52.0	-131.0	0.2	-31.0	0.3	9.0
B349	362	GEO_Eqn_6.12b_nls08	3900	-52.0	-119.0	0.2	-31.0	0.2	71.0
B349	362	GEO_Eqn_6.12b_nls08	3900	57.0	-56.0	0.1	-29.0	0.1	79.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls08	4147.56	57.0	-50.0	0.1	-29.0	0.1	92.0
B349	362	GEO_Eqn_6.12b_nls08	4147.56	70.0	-43.0	0.0	-24.0	-0.1	112.0
B349	362	GEO_Eqn_6.12b_nls08	4400	70.0	-36.0	0.0	-24.0	-0.1	122.0
B349	362	GEO_Eqn_6.12b_nls08	4400	148.0	-19.0	0.0	-23.0	-0.2	125.0
B349	362	GEO_Eqn_6.12b_nls08	4900	148.0	-7.0	-0.1	-23.0	-0.1	132.0
B349	362	GEO_Eqn_6.12b_nls08	4900	0.0	124.0	0.0	-2.0	0.0	126.0
B349	362	GEO_Eqn_6.12b_nls08	5166.1	0.0	130.0	0.0	-2.0	0.0	92.0
B349	362	GEO_Eqn_6.12b_nls08	5432.19	0.0	137.0	0.0	-2.0	0.0	57.0
B349	362	GEO_Eqn_6.12b_nls08	5432.19	-94.0	-3.0	0.0	7.0	0.4	45.0
B349	362	GEO_Eqn_6.12b_nls08	5475	-94.0	-2.0	0.0	7.0	0.4	45.0
B349	362	GEO_Eqn_6.12b_nls08	5475	-54.0	-87.0	1.0	11.0	0.3	57.0
B349	362	GEO_Eqn_6.12b_nls08	5762.5	-54.0	-80.0	1.0	11.0	0.1	81.0
B349	362	GEO_Eqn_6.12b_nls08	6050	-54.0	-73.0	1.0	11.0	-0.1	103.0
B349	362	GEO_Eqn_6.12b_nls08	6050	-7.0	-39.0	0.1	13.0	-0.2	109.0
B349	362	GEO_Eqn_6.12b_nls08	6316.1	-7.0	-33.0	0.1	13.0	-0.2	119.0
B349	362	GEO_Eqn_6.12b_nls08	6316.1	3.0	-27.0	-0.1	20.0	-0.3	133.0
B349	362	GEO_Eqn_6.12b_nls08	6625	3.0	-20.0	-0.1	20.0	-0.3	140.0
B349	362	GEO_Eqn_6.12b_nls08	6625	63.0	-125.0	-1.0	22.0	-0.1	143.0
B349	362	GEO_Eqn_6.12b_nls08	6912.5	63.0	-118.0	-1.0	22.0	0.1	178.0
B349	362	GEO_Eqn_6.12b_nls08	7200	63.0	-111.0	-1.0	22.0	0.3	211.0
B349	362	GEO_Eqn_6.12b_nls08	7200	-101.0	-179.0	0.1	48.0	0.1	217.0
B349	362	GEO_Eqn_6.12b_nls08	7700	-101.0	-167.0	0.1	48.0	0.0	303.0
B349	362	GEO_Eqn_6.12b_nls08	7700	-28.0	-238.0	-0.1	48.0	0.0	312.0
B349	362	GEO_Eqn_6.12b_nls08	8200	-28.0	-226.0	-0.1	48.0	0.0	428.0
B349	362	GEO_Eqn_6.12b_nls08	8200	49.0	-219.0	0.0	70.0	-0.1	434.0
B349	362	GEO_Eqn_6.12b_nls08	8700	49.0	-207.0	0.0	70.0	-0.1	541.0
B349	362	GEO_Eqn_6.12b_nls08	8700	81.0	-217.0	-0.4	69.0	0.0	551.0
B349	362	GEO_Eqn_6.12b_nls08	9200	81.0	-205.0	-0.4	69.0	0.1	656.0
B349	362	GEO_Eqn_6.12b_nls08	9200	20.0	-201.0	1.0	83.0	0.2	661.0
B349	362	GEO_Eqn_6.12b_nls08	9477.4	20.0	-194.0	1.0	83.0	0.1	715.0
B349	362	GEO_Eqn_6.12b_nls08	9754.8	20.0	-187.0	1.0	83.0	-0.1	768.0
B349	362	GEO_Eqn_6.12b_nls08	9754.8	8.0	-112.0	0.1	83.0	-0.2	790.0
B349	362	GEO_Eqn_6.12b_nls08	10032.19	8.0	-105.0	0.1	83.0	-0.2	820.0
B349	362	GEO_Eqn_6.12b_nls08	10032.19	4.0	-100.0	-0.1	85.0	-0.2	859.0
B349	362	GEO_Eqn_6.12b_nls08	10309.59	4.0	-94.0	-0.1	85.0	-0.1	886.0
B349	362	GEO_Eqn_6.12b_nls08	10309.59	-26.0	-204.0	-0.3	85.0	0.0	911.0
B349	362	GEO_Eqn_6.12b_nls08	10586.99	-26.0	-198.0	-0.3	85.0	0.1	967.0
B349	362	GEO_Eqn_6.12b_nls08	10864.39	-26.0	-191.0	-0.4	85.0	0.2	1021.0
B349	362	GEO_Eqn_6.12b_nls08	10864.39	0.2	-2.0	-0.5	-40.0	-0.2	1048.0
B349	362	GEO_Eqn_6.12b_nls08	11317.07	0.2	9.0	-0.5	-40.0	0.0	1047.0
B349	362	GEO_Eqn_6.12b_nls08	11769.75	0.2	20.0	-0.5	-40.0	0.2	1040.0
B349	362	GEO_Eqn_6.12b_nls08	11769.75	-0.2	35.0	0.4	-30.0	0.2	1040.0
B349	362	GEO_Eqn_6.12b_nls08	12222.44	-0.2	46.0	0.4	-30.0	0.0	1021.0
B349	362	GEO_Eqn_6.12b_nls08	12675.12	-0.2	57.0	0.4	-30.0	-0.2	998.0
B349	362	GEO_Eqn_6.12b_nls08	12675.12	0.1	180.0	-1.0	-7.0	-0.3	998.0
B349	362	GEO_Eqn_6.12b_nls08	13127.8	0.1	191.0	-1.0	-7.0	0.0	914.0
B349	362	GEO_Eqn_6.12b_nls08	13580.49	0.1	202.0	-1.0	-7.0	0.3	825.0
B349	362	GEO_Eqn_6.12b_nls08	13580.49	-0.1	241.0	1.0	15.0	0.3	827.0
B349	362	GEO_Eqn_6.12b_nls08	14033.17	-0.1	252.0	1.0	15.0	0.0	715.0
B349	362	GEO_Eqn_6.12b_nls08	14485.85	-0.1	263.0	1.0	15.0	-0.3	599.0
B349	362	GEO_Eqn_6.12b_nls08	14485.85	-0.2	318.0	-0.3	31.0	-0.2	597.0
B349	362	GEO_Eqn_6.12b_nls08	14938.53	-0.2	329.0	-0.3	31.0	0.0	451.0
B349	362	GEO_Eqn_6.12b_nls08	15391.22	-0.2	340.0	-0.3	31.0	0.1	299.0
B349	362	GEO_Eqn_6.12b_nls08	15391.22	0.2	356.0	0.4	38.0	0.2	298.0
B349	362	GEO_Eqn_6.12b_nls08	15843.9	0.2	367.0	0.4	38.0	0.0	134.0
B349	362	GEO_Eqn_6.12b_nls08	16296.58	0.2	378.0	0.4	38.0	-0.2	-35.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls09	0	288.0	-221.0	10.0	-32.0	8.0	-131.0
B349	362	GEO_Eqn_6.12b_nls09	290	288.0	-214.0	10.0	-32.0	5.0	-68.0
B349	362	GEO_Eqn_6.12b_nls09	580	288.0	-207.0	10.0	-32.0	2.0	-7.0
B349	362	GEO_Eqn_6.12b_nls09	580	147.0	-154.0	5.0	-32.0	-4.0	25.0
B349	362	GEO_Eqn_6.12b_nls09	966.67	147.0	-145.0	5.0	-32.0	-6.0	83.0
B349	362	GEO_Eqn_6.12b_nls09	966.67	106.0	-58.0	-1.0	-30.0	-6.0	122.0
B349	362	GEO_Eqn_6.12b_nls09	1160	106.0	-54.0	-1.0	-30.0	-6.0	133.0
B349	362	GEO_Eqn_6.12b_nls09	1160	-19.0	-195.0	-4.0	-30.0	-5.0	152.0
B349	362	GEO_Eqn_6.12b_nls09	1450	-19.0	-188.0	-4.0	-30.0	-4.0	208.0
B349	362	GEO_Eqn_6.12b_nls09	1740	-19.0	-181.0	-4.0	-30.0	-2.0	261.0
B349	362	GEO_Eqn_6.12b_nls09	1740	-120.0	-37.0	-1.0	-28.0	-1.0	279.0
B349	362	GEO_Eqn_6.12b_nls09	1933.33	-120.0	-33.0	-1.0	-28.0	-1.0	285.0
B349	362	GEO_Eqn_6.12b_nls09	1933.33	-152.0	-64.0	-2.0	-24.0	0.1	305.0
B349	362	GEO_Eqn_6.12b_nls09	2320	-152.0	-54.0	-2.0	-24.0	1.0	328.0
B349	362	GEO_Eqn_6.12b_nls09	2320	-261.0	49.0	-3.0	-23.0	2.0	336.0
B349	362	GEO_Eqn_6.12b_nls09	2610	-261.0	56.0	-3.0	-23.0	3.0	321.0
B349	362	GEO_Eqn_6.12b_nls09	2900	-261.0	63.0	-3.0	-23.0	4.0	304.0
B349	362	GEO_Eqn_6.12b_nls09	2900	252.0	267.0	4.0	-8.0	1.0	306.0
B349	362	GEO_Eqn_6.12b_nls09	3395.12	252.0	279.0	4.0	-8.0	-1.0	171.0
B349	362	GEO_Eqn_6.12b_nls09	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls09	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls09	3400	79.0	398.0	-0.4	7.0	-0.5	168.0
B349	362	GEO_Eqn_6.12b_nls09	3900	79.0	411.0	-0.4	7.0	-0.3	-35.0
B349	362	GEO_Eqn_6.12b_nls09	3900	-92.0	189.0	-0.1	8.0	-0.1	-67.0
B349	362	GEO_Eqn_6.12b_nls09	4147.56	-92.0	195.0	-0.1	8.0	-0.1	-115.0
B349	362	GEO_Eqn_6.12b_nls09	4147.56	-110.0	202.0	0.0	13.0	0.2	-198.0
B349	362	GEO_Eqn_6.12b_nls09	4400	-110.0	208.0	0.0	13.0	0.2	-249.0
B349	362	GEO_Eqn_6.12b_nls09	4400	-227.0	405.0	-0.1	14.0	0.2	-291.0
B349	362	GEO_Eqn_6.12b_nls09	4900	-227.0	417.0	-0.1	14.0	0.3	-497.0
B349	362	GEO_Eqn_6.12b_nls09	4900	0.0	434.0	0.0	35.0	0.0	-508.0
B349	362	GEO_Eqn_6.12b_nls09	5166.1	0.0	440.0	0.0	35.0	0.0	-624.0
B349	362	GEO_Eqn_6.12b_nls09	5432.19	0.0	447.0	0.0	35.0	0.0	-742.0
B349	362	GEO_Eqn_6.12b_nls09	5432.19	48.0	-16.0	0.0	44.0	0.4	-754.0
B349	362	GEO_Eqn_6.12b_nls09	5475	48.0	-14.0	0.0	44.0	0.4	-753.0
B349	362	GEO_Eqn_6.12b_nls09	5475	19.0	-929.0	1.0	49.0	0.3	-681.0
B349	362	GEO_Eqn_6.12b_nls09	5762.5	19.0	-922.0	1.0	49.0	0.1	-415.0
B349	362	GEO_Eqn_6.12b_nls09	6050	19.0	-915.0	1.0	49.0	0.0	-151.0
B349	362	GEO_Eqn_6.12b_nls09	6050	11.0	-336.0	0.1	51.0	-0.2	-73.0
B349	362	GEO_Eqn_6.12b_nls09	6316.1	11.0	-330.0	0.1	51.0	-0.3	15.0
B349	362	GEO_Eqn_6.12b_nls09	6316.1	5.0	-381.0	-0.2	57.0	-0.4	153.0
B349	362	GEO_Eqn_6.12b_nls09	6625	5.0	-374.0	-0.2	57.0	-0.3	269.0
B349	362	GEO_Eqn_6.12b_nls09	6625	-30.0	-454.0	-1.0	59.0	-0.1	332.0
B349	362	GEO_Eqn_6.12b_nls09	6912.5	-30.0	-447.0	-1.0	59.0	0.1	461.0
B349	362	GEO_Eqn_6.12b_nls09	7200	-31.0	-440.0	-1.0	59.0	0.4	589.0
B349	362	GEO_Eqn_6.12b_nls09	7200	189.0	-204.0	0.4	85.0	0.2	608.0
B349	362	GEO_Eqn_6.12b_nls09	7700	189.0	-192.0	0.4	85.0	0.0	707.0
B349	362	GEO_Eqn_6.12b_nls09	7700	86.0	-95.0	0.4	85.0	-0.1	719.0
B349	362	GEO_Eqn_6.12b_nls09	8200	86.0	-83.0	0.3	85.0	-0.3	763.0
B349	362	GEO_Eqn_6.12b_nls09	8200	-79.0	-60.0	0.1	106.0	0.0	772.0
B349	362	GEO_Eqn_6.12b_nls09	8700	-79.0	-48.0	0.1	106.0	0.0	799.0
B349	362	GEO_Eqn_6.12b_nls09	8700	-196.0	-140.0	-0.4	106.0	0.0	809.0
B349	362	GEO_Eqn_6.12b_nls09	9200	-196.0	-128.0	-0.4	106.0	0.2	876.0
B349	362	GEO_Eqn_6.12b_nls09	9200	168.0	-168.0	0.4	122.0	0.1	887.0
B349	362	GEO_Eqn_6.12b_nls09	9477.4	168.0	-161.0	0.4	122.0	0.0	932.0
B349	362	GEO_Eqn_6.12b_nls09	9754.8	168.0	-155.0	0.4	122.0	-0.1	976.0
B349	362	GEO_Eqn_6.12b_nls09	9754.8	31.0	-21.0	0.1	123.0	-0.3	990.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls09	10032.19	31.0	-14.0	0.1	123.0	-0.3	995.0
B349	362	GEO_Eqn_6.12b_nls09	10032.19	1.0	-6.0	0.0	125.0	0.3	1005.0
B349	362	GEO_Eqn_6.12b_nls09	10309.59	1.0	0.3	0.0	125.0	0.3	1006.0
B349	362	GEO_Eqn_6.12b_nls09	10309.59	-183.0	470.0	0.4	125.0	0.1	996.0
B349	362	GEO_Eqn_6.12b_nls09	10586.99	-183.0	476.0	0.4	125.0	0.0	865.0
B349	362	GEO_Eqn_6.12b_nls09	10864.39	-183.0	483.0	0.4	125.0	-0.1	732.0
B349	362	GEO_Eqn_6.12b_nls09	10864.39	1.0	-70.0	0.1	-108.0	0.1	766.0
B349	362	GEO_Eqn_6.12b_nls09	11317.07	1.0	-59.0	0.1	-108.0	0.0	795.0
B349	362	GEO_Eqn_6.12b_nls09	11769.75	1.0	-49.0	0.1	-108.0	-0.1	820.0
B349	362	GEO_Eqn_6.12b_nls09	11769.75	-1.0	-34.0	-0.2	-99.0	-0.1	820.0
B349	362	GEO_Eqn_6.12b_nls09	12222.44	-1.0	-23.0	-0.2	-99.0	0.0	832.0
B349	362	GEO_Eqn_6.12b_nls09	12675.12	-1.0	-12.0	-0.2	-99.0	0.1	840.0
B349	362	GEO_Eqn_6.12b_nls09	12675.12	0.1	158.0	0.2	-76.0	0.1	841.0
B349	362	GEO_Eqn_6.12b_nls09	13127.8	0.1	169.0	0.2	-76.0	0.0	767.0
B349	362	GEO_Eqn_6.12b_nls09	13580.49	0.1	180.0	0.2	-76.0	-0.1	688.0
B349	362	GEO_Eqn_6.12b_nls09	13580.49	-0.1	219.0	-0.2	-54.0	-0.1	690.0
B349	362	GEO_Eqn_6.12b_nls09	14033.17	-0.1	230.0	-0.2	-54.0	0.0	588.0
B349	362	GEO_Eqn_6.12b_nls09	14485.85	-0.1	241.0	-0.2	-54.0	0.1	482.0
B349	362	GEO_Eqn_6.12b_nls09	14485.85	0.1	294.0	0.1	-38.0	0.1	481.0
B349	362	GEO_Eqn_6.12b_nls09	14938.53	0.1	305.0	0.1	-38.0	0.0	345.0
B349	362	GEO_Eqn_6.12b_nls09	15391.22	0.1	316.0	0.1	-38.0	-0.1	205.0
B349	362	GEO_Eqn_6.12b_nls09	15391.22	-0.1	332.0	-0.2	-31.0	-0.1	203.0
B349	362	GEO_Eqn_6.12b_nls09	15843.9	-0.1	343.0	-0.2	-31.0	0.0	51.0
B349	362	GEO_Eqn_6.12b_nls09	16296.58	-0.1	354.0	-0.2	-31.0	0.1	-107.0
B349	362	GEO_Eqn_6.12b_nls10	0	198.0	-128.0	5.0	-35.0	4.0	-204.0
B349	362	GEO_Eqn_6.12b_nls10	290	198.0	-121.0	5.0	-35.0	3.0	-168.0
B349	362	GEO_Eqn_6.12b_nls10	580	198.0	-114.0	5.0	-35.0	1.0	-134.0
B349	362	GEO_Eqn_6.12b_nls10	580	99.0	-124.0	3.0	-34.0	-2.0	-111.0
B349	362	GEO_Eqn_6.12b_nls10	966.67	99.0	-114.0	3.0	-34.0	-3.0	-65.0
B349	362	GEO_Eqn_6.12b_nls10	966.67	73.0	-46.0	-0.3	-31.0	-3.0	-34.0
B349	362	GEO_Eqn_6.12b_nls10	1160	73.0	-41.0	-0.3	-31.0	-3.0	-26.0
B349	362	GEO_Eqn_6.12b_nls10	1160	-15.0	-175.0	-2.0	-30.0	-2.0	-10.0
B349	362	GEO_Eqn_6.12b_nls10	1450	-15.0	-168.0	-2.0	-30.0	-2.0	39.0
B349	362	GEO_Eqn_6.12b_nls10	1740	-15.0	-160.0	-2.0	-30.0	-1.0	87.0
B349	362	GEO_Eqn_6.12b_nls10	1740	-84.0	-40.0	-0.3	-28.0	-0.4	103.0
B349	362	GEO_Eqn_6.12b_nls10	1933.33	-84.0	-35.0	-0.3	-28.0	-0.4	110.0
B349	362	GEO_Eqn_6.12b_nls10	1933.33	-104.0	-71.0	-1.0	-22.0	0.2	131.0
B349	362	GEO_Eqn_6.12b_nls10	2320	-104.0	-61.0	-1.0	-22.0	0.4	157.0
B349	362	GEO_Eqn_6.12b_nls10	2320	-176.0	-12.0	-1.0	-21.0	1.0	166.0
B349	362	GEO_Eqn_6.12b_nls10	2610	-176.0	-5.0	-1.0	-21.0	1.0	168.0
B349	362	GEO_Eqn_6.12b_nls10	2900	-176.0	2.0	-1.0	-21.0	2.0	169.0
B349	362	GEO_Eqn_6.12b_nls10	2900	166.0	141.0	2.0	-3.0	1.0	172.0
B349	362	GEO_Eqn_6.12b_nls10	3395.12	166.0	153.0	2.0	-3.0	-1.0	99.0
B349	362	GEO_Eqn_6.12b_nls10	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls10	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls10	3400	55.0	239.0	-0.2	14.0	-0.2	98.0
B349	362	GEO_Eqn_6.12b_nls10	3900	55.0	251.0	-0.2	14.0	-0.1	-25.0
B349	362	GEO_Eqn_6.12b_nls10	3900	-60.0	114.0	-0.1	15.0	0.0	-44.0
B349	362	GEO_Eqn_6.12b_nls10	4147.56	-60.0	120.0	-0.1	15.0	0.0	-73.0
B349	362	GEO_Eqn_6.12b_nls10	4147.56	-72.0	127.0	0.1	20.0	0.2	-125.0
B349	362	GEO_Eqn_6.12b_nls10	4400	-72.0	133.0	0.1	20.0	0.1	-158.0
B349	362	GEO_Eqn_6.12b_nls10	4400	-153.0	248.0	0.0	21.0	0.1	-184.0
B349	362	GEO_Eqn_6.12b_nls10	4900	-153.0	260.0	0.0	21.0	0.1	-311.0
B349	362	GEO_Eqn_6.12b_nls10	4900	0.0	264.0	0.0	45.0	0.0	-317.0
B349	362	GEO_Eqn_6.12b_nls10	5166.1	0.0	270.0	0.0	45.0	0.0	-388.0
B349	362	GEO_Eqn_6.12b_nls10	5432.19	0.0	277.0	0.0	45.0	0.0	-461.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls10	5432.19	24.0	-12.0	0.0	55.0	0.2	-464.0
B349	362	GEO_Eqn_6.12b_nls10	5475	24.0	-11.0	0.0	55.0	0.2	-463.0
B349	362	GEO_Eqn_6.12b_nls10	5475	4.0	-749.0	0.2	60.0	0.1	-412.0
B349	362	GEO_Eqn_6.12b_nls10	5762.5	4.0	-742.0	0.2	60.0	0.1	-197.0
B349	362	GEO_Eqn_6.12b_nls10	6050	4.0	-735.0	0.2	60.0	0.0	15.0
B349	362	GEO_Eqn_6.12b_nls10	6050	6.0	-295.0	0.0	62.0	-0.1	81.0
B349	362	GEO_Eqn_6.12b_nls10	6316.1	6.0	-289.0	0.0	62.0	-0.1	158.0
B349	362	GEO_Eqn_6.12b_nls10	6316.1	2.0	-333.0	-0.1	69.0	-0.2	279.0
B349	362	GEO_Eqn_6.12b_nls10	6625	2.0	-326.0	-0.1	69.0	-0.2	381.0
B349	362	GEO_Eqn_6.12b_nls10	6625	-10.0	-465.0	-0.3	71.0	0.0	437.0
B349	362	GEO_Eqn_6.12b_nls10	6912.5	-10.0	-458.0	-0.3	71.0	0.1	569.0
B349	362	GEO_Eqn_6.12b_nls10	7200	-10.0	-451.0	-0.3	71.0	0.2	700.0
B349	362	GEO_Eqn_6.12b_nls10	7200	151.0	-290.0	0.2	100.0	0.1	719.0
B349	362	GEO_Eqn_6.12b_nls10	7700	151.0	-277.0	0.2	100.0	0.0	861.0
B349	362	GEO_Eqn_6.12b_nls10	7700	81.0	-221.0	0.3	100.0	-0.1	877.0
B349	362	GEO_Eqn_6.12b_nls10	8200	81.0	-209.0	0.3	100.0	-0.2	985.0
B349	362	GEO_Eqn_6.12b_nls10	8200	-59.0	-208.0	0.1	124.0	0.0	998.0
B349	362	GEO_Eqn_6.12b_nls10	8700	-59.0	-196.0	0.1	124.0	0.0	1099.0
B349	362	GEO_Eqn_6.12b_nls10	8700	-173.0	-315.0	-0.3	124.0	0.0	1116.0
B349	362	GEO_Eqn_6.12b_nls10	9200	-173.0	-303.0	-0.3	124.0	0.1	1271.0
B349	362	GEO_Eqn_6.12b_nls10	9200	187.0	-400.0	-0.4	144.0	-0.3	1289.0
B349	362	GEO_Eqn_6.12b_nls10	9477.4	187.0	-394.0	-0.4	144.0	-0.2	1399.0
B349	362	GEO_Eqn_6.12b_nls10	9754.8	187.0	-387.0	-0.4	144.0	-0.1	1507.0
B349	362	GEO_Eqn_6.12b_nls10	9754.8	35.0	-172.0	-0.1	145.0	0.0	1550.0
B349	362	GEO_Eqn_6.12b_nls10	10032.19	35.0	-165.0	-0.1	145.0	0.0	1597.0
B349	362	GEO_Eqn_6.12b_nls10	10032.19	1.0	-151.0	0.2	149.0	1.0	1663.0
B349	362	GEO_Eqn_6.12b_nls10	10309.59	1.0	-144.0	0.2	149.0	1.0	1704.0
B349	362	GEO_Eqn_6.12b_nls10	10309.59	-205.0	132.0	1.0	150.0	0.2	1733.0
B349	362	GEO_Eqn_6.12b_nls10	10586.99	-205.0	139.0	1.0	150.0	-0.2	1695.0
B349	362	GEO_Eqn_6.12b_nls10	10864.39	-205.0	146.0	1.0	150.0	-1.0	1656.0
B349	362	GEO_Eqn_6.12b_nls10	10864.39	1.0	117.0	-0.2	-116.0	-0.1	1703.0
B349	362	GEO_Eqn_6.12b_nls10	11317.07	1.0	128.0	-0.2	-116.0	0.0	1648.0
B349	362	GEO_Eqn_6.12b_nls10	11769.75	1.0	138.0	-0.2	-116.0	0.1	1588.0
B349	362	GEO_Eqn_6.12b_nls10	11769.75	-1.0	153.0	0.0	-107.0	0.0	1587.0
B349	362	GEO_Eqn_6.12b_nls10	12222.44	-1.0	164.0	0.0	-107.0	0.0	1515.0
B349	362	GEO_Eqn_6.12b_nls10	12675.12	-1.0	175.0	0.0	-107.0	0.0	1439.0
B349	362	GEO_Eqn_6.12b_nls10	12675.12	0.2	351.0	-0.2	-85.0	-0.1	1438.0
B349	362	GEO_Eqn_6.12b_nls10	13127.8	0.2	362.0	-0.2	-85.0	0.0	1277.0
B349	362	GEO_Eqn_6.12b_nls10	13580.49	0.2	373.0	-0.2	-85.0	0.1	1111.0
B349	362	GEO_Eqn_6.12b_nls10	13580.49	-0.2	412.0	0.2	-64.0	0.1	1112.0
B349	362	GEO_Eqn_6.12b_nls10	14033.17	-0.2	423.0	0.2	-64.0	0.0	923.0
B349	362	GEO_Eqn_6.12b_nls10	14485.85	-0.2	434.0	0.2	-64.0	-0.1	729.0
B349	362	GEO_Eqn_6.12b_nls10	14485.85	0.0	461.0	-0.1	-49.0	0.0	727.0
B349	362	GEO_Eqn_6.12b_nls10	14938.53	0.0	472.0	-0.1	-49.0	0.0	516.0
B349	362	GEO_Eqn_6.12b_nls10	15391.22	0.0	483.0	-0.1	-49.0	0.0	300.0
B349	362	GEO_Eqn_6.12b_nls10	15391.22	0.0	498.0	0.1	-42.0	0.1	298.0
B349	362	GEO_Eqn_6.12b_nls10	15843.9	0.0	509.0	0.1	-42.0	0.0	70.0
B349	362	GEO_Eqn_6.12b_nls10	16296.58	0.0	520.0	0.1	-42.0	0.0	-163.0
B349	362	GEO_Eqn_6.12b_nls11	0	-280.0	-298.0	-1.0	-96.0	-1.0	332.0
B349	362	GEO_Eqn_6.12b_nls11	290	-280.0	-291.0	-1.0	-96.0	-1.0	417.0
B349	362	GEO_Eqn_6.12b_nls11	580	-280.0	-284.0	-1.0	-96.0	-0.4	500.0
B349	362	GEO_Eqn_6.12b_nls11	580	-132.0	-34.0	-1.0	-96.0	1.0	507.0
B349	362	GEO_Eqn_6.12b_nls11	966.67	-132.0	-24.0	-1.0	-96.0	1.0	518.0
B349	362	GEO_Eqn_6.12b_nls11	966.67	-97.0	-6.0	0.3	-94.0	1.0	521.0
B349	362	GEO_Eqn_6.12b_nls11	1160	-97.0	-2.0	0.3	-94.0	1.0	522.0
B349	362	GEO_Eqn_6.12b_nls11	1160	34.0	90.0	1.0	-93.0	1.0	513.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls11	1450	34.0	97.0	1.0	-93.0	0.3	486.0
B349	362	GEO_Eqn_6.12b_nls11	1740	34.0	104.0	1.0	-93.0	-0.1	457.0
B349	362	GEO_Eqn_6.12b_nls11	1740	128.0	37.0	0.2	-92.0	-1.0	444.0
B349	362	GEO_Eqn_6.12b_nls11	1933.33	128.0	42.0	0.2	-92.0	-1.0	437.0
B349	362	GEO_Eqn_6.12b_nls11	1933.33	151.0	116.0	-0.4	-88.0	-1.0	407.0
B349	362	GEO_Eqn_6.12b_nls11	2320	151.0	125.0	-0.4	-88.0	-1.0	361.0
B349	362	GEO_Eqn_6.12b_nls11	2320	223.0	151.0	-1.0	-88.0	-0.3	341.0
B349	362	GEO_Eqn_6.12b_nls11	2610	223.0	158.0	-1.0	-88.0	0.1	296.0
B349	362	GEO_Eqn_6.12b_nls11	2900	223.0	165.0	-1.0	-88.0	0.5	249.0
B349	362	GEO_Eqn_6.12b_nls11	2900	-99.0	145.0	0.4	-75.0	0.2	242.0
B349	362	GEO_Eqn_6.12b_nls11	3395.12	-99.0	157.0	0.4	-75.0	0.0	168.0
B349	362	GEO_Eqn_6.12b_nls11	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls11	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls11	3400	-42.0	131.0	0.0	-64.0	-0.1	162.0
B349	362	GEO_Eqn_6.12b_nls11	3900	-42.0	143.0	0.0	-64.0	-0.1	94.0
B349	362	GEO_Eqn_6.12b_nls11	3900	30.0	69.0	0.0	-63.0	-0.1	77.0
B349	362	GEO_Eqn_6.12b_nls11	4147.56	30.0	75.0	0.0	-63.0	-0.1	59.0
B349	362	GEO_Eqn_6.12b_nls11	4147.56	40.0	84.0	-0.1	-59.0	-0.2	27.0
B349	362	GEO_Eqn_6.12b_nls11	4400	40.0	90.0	-0.1	-59.0	-0.2	5.0
B349	362	GEO_Eqn_6.12b_nls11	4400	105.0	300.0	-0.5	-59.0	0.0	-22.0
B349	362	GEO_Eqn_6.12b_nls11	4900	105.0	312.0	-0.5	-59.0	0.2	-175.0
B349	362	GEO_Eqn_6.12b_nls11	4900	0.0	567.0	0.0	-43.0	0.0	-196.0
B349	362	GEO_Eqn_6.12b_nls11	5166.1	0.0	573.0	0.0	-43.0	0.0	-348.0
B349	362	GEO_Eqn_6.12b_nls11	5432.19	0.0	580.0	0.0	-43.0	0.0	-501.0
B349	362	GEO_Eqn_6.12b_nls11	5432.19	-102.0	-8.0	0.0	-38.0	1.0	-545.0
B349	362	GEO_Eqn_6.12b_nls11	5475	-102.0	-7.0	0.0	-38.0	1.0	-544.0
B349	362	GEO_Eqn_6.12b_nls11	5475	-52.0	-290.0	2.0	-35.0	1.0	-491.0
B349	362	GEO_Eqn_6.12b_nls11	5762.5	-52.0	-283.0	2.0	-35.0	0.3	-409.0
B349	362	GEO_Eqn_6.12b_nls11	6050	-52.0	-276.0	2.0	-35.0	-0.2	-328.0
B349	362	GEO_Eqn_6.12b_nls11	6050	2.0	-33.0	0.2	-34.0	-1.0	-318.0
B349	362	GEO_Eqn_6.12b_nls11	6316.1	2.0	-26.0	0.2	-34.0	-1.0	-310.0
B349	362	GEO_Eqn_6.12b_nls11	6316.1	12.0	-15.0	-0.3	-30.0	-1.0	-300.0
B349	362	GEO_Eqn_6.12b_nls11	6625	12.0	-7.0	-0.3	-30.0	-1.0	-297.0
B349	362	GEO_Eqn_6.12b_nls11	6625	52.0	60.0	-2.0	-29.0	-0.2	-300.0
B349	362	GEO_Eqn_6.12b_nls11	6912.5	52.0	67.0	-2.0	-29.0	0.4	-318.0
B349	362	GEO_Eqn_6.12b_nls11	7200	52.0	74.0	-2.0	-29.0	1.0	-339.0
B349	362	GEO_Eqn_6.12b_nls11	7200	-141.0	96.0	1.0	-11.0	0.3	-341.0
B349	362	GEO_Eqn_6.12b_nls11	7700	-141.0	109.0	1.0	-11.0	0.0	-393.0
B349	362	GEO_Eqn_6.12b_nls11	7700	-78.0	79.0	-0.1	-12.0	-0.1	-400.0
B349	362	GEO_Eqn_6.12b_nls11	8200	-78.0	91.0	-0.1	-12.0	-0.1	-443.0
B349	362	GEO_Eqn_6.12b_nls11	8200	54.0	167.0	-0.2	3.0	-0.3	-450.0
B349	362	GEO_Eqn_6.12b_nls11	8700	54.0	179.0	-0.2	3.0	-0.2	-536.0
B349	362	GEO_Eqn_6.12b_nls11	8700	165.0	314.0	-1.0	2.0	0.0	-553.0
B349	362	GEO_Eqn_6.12b_nls11	9200	165.0	326.0	-1.0	2.0	0.3	-713.0
B349	362	GEO_Eqn_6.12b_nls11	9200	-123.0	574.0	3.0	2.0	2.0	-735.0
B349	362	GEO_Eqn_6.12b_nls11	9477.4	-123.0	581.0	3.0	2.0	1.0	-896.0
B349	362	GEO_Eqn_6.12b_nls11	9754.8	-123.0	587.0	3.0	2.0	-0.1	-1058.0
B349	362	GEO_Eqn_6.12b_nls11	9754.8	-16.0	374.0	1.0	0.0	-1.0	-1132.0
B349	362	GEO_Eqn_6.12b_nls11	10032.19	-16.0	381.0	1.0	0.0	-1.0	-1236.0
B349	362	GEO_Eqn_6.12b_nls11	10032.19	5.0	361.0	-1.0	-2.0	-2.0	-1384.0
B349	362	GEO_Eqn_6.12b_nls11	10309.59	5.0	368.0	-1.0	-2.0	-2.0	-1485.0
B349	362	GEO_Eqn_6.12b_nls11	10309.59	129.0	684.0	-4.0	-4.0	-0.3	-1579.0
B349	362	GEO_Eqn_6.12b_nls11	10586.99	129.0	690.0	-4.0	-4.0	1.0	-1769.0
B349	362	GEO_Eqn_6.12b_nls11	10864.39	129.0	697.0	-4.0	-4.0	2.0	-1962.0
B349	362	GEO_Eqn_6.12b_nls11	10864.39	-1.0	-600.0	0.2	24.0	0.1	-1983.0
B349	362	GEO_Eqn_6.12b_nls11	11317.07	-1.0	-589.0	0.2	24.0	0.0	-1714.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls11	11769.75	-1.0	-578.0	0.2	24.0	-0.1	-1450.0
B349	362	GEO_Eqn_6.12b_nls11	11769.75	1.0	-562.0	-0.1	36.0	0.0	-1449.0
B349	362	GEO_Eqn_6.12b_nls11	12222.44	1.0	-551.0	-0.1	36.0	0.0	-1197.0
B349	362	GEO_Eqn_6.12b_nls11	12675.12	1.0	-540.0	-0.1	36.0	0.1	-950.0
B349	362	GEO_Eqn_6.12b_nls11	12675.12	-0.1	-457.0	0.3	61.0	0.1	-947.0
B349	362	GEO_Eqn_6.12b_nls11	13127.8	-0.1	-446.0	0.3	61.0	0.0	-743.0
B349	362	GEO_Eqn_6.12b_nls11	13580.49	-0.1	-435.0	0.3	61.0	-0.1	-543.0
B349	362	GEO_Eqn_6.12b_nls11	13580.49	0.1	-394.0	-0.2	85.0	-0.1	-540.0
B349	362	GEO_Eqn_6.12b_nls11	14033.17	0.1	-383.0	-0.2	85.0	0.0	-364.0
B349	362	GEO_Eqn_6.12b_nls11	14485.85	0.1	-372.0	-0.2	85.0	0.1	-193.0
B349	362	GEO_Eqn_6.12b_nls11	14485.85	0.0	-239.0	0.2	102.0	0.1	-192.0
B349	362	GEO_Eqn_6.12b_nls11	14938.53	0.0	-228.0	0.2	102.0	0.0	-86.0
B349	362	GEO_Eqn_6.12b_nls11	15391.22	0.0	-217.0	0.2	102.0	-0.1	15.0
B349	362	GEO_Eqn_6.12b_nls11	15391.22	0.0	-198.0	-0.2	111.0	-0.1	16.0
B349	362	GEO_Eqn_6.12b_nls11	15843.9	0.0	-187.0	-0.2	111.0	0.0	103.0
B349	362	GEO_Eqn_6.12b_nls11	16296.58	0.0	-176.0	-0.2	111.0	0.1	185.0
B349	362	GEO_Eqn_6.12b_nls12	0	-382.0	-195.0	-7.0	-102.0	-6.0	268.0
B349	362	GEO_Eqn_6.12b_nls12	290	-382.0	-188.0	-7.0	-102.0	-4.0	324.0
B349	362	GEO_Eqn_6.12b_nls12	580	-382.0	-181.0	-7.0	-102.0	-2.0	377.0
B349	362	GEO_Eqn_6.12b_nls12	580	-186.0	-0.4	-4.0	-101.0	3.0	374.0
B349	362	GEO_Eqn_6.12b_nls12	966.67	-186.0	9.0	-4.0	-101.0	4.0	372.0
B349	362	GEO_Eqn_6.12b_nls12	966.67	-135.0	7.0	1.0	-97.0	5.0	367.0
B349	362	GEO_Eqn_6.12b_nls12	1160	-135.0	12.0	1.0	-97.0	5.0	365.0
B349	362	GEO_Eqn_6.12b_nls12	1160	39.0	112.0	4.0	-96.0	3.0	351.0
B349	362	GEO_Eqn_6.12b_nls12	1450	39.0	119.0	4.0	-96.0	2.0	318.0
B349	362	GEO_Eqn_6.12b_nls12	1740	39.0	126.0	4.0	-96.0	1.0	282.0
B349	362	GEO_Eqn_6.12b_nls12	1740	169.0	34.0	1.0	-94.0	0.1	267.0
B349	362	GEO_Eqn_6.12b_nls12	1933.33	169.0	39.0	1.0	-94.0	0.0	260.0
B349	362	GEO_Eqn_6.12b_nls12	1933.33	206.0	109.0	1.0	-89.0	-1.0	233.0
B349	362	GEO_Eqn_6.12b_nls12	2320	206.0	118.0	1.0	-89.0	-1.0	189.0
B349	362	GEO_Eqn_6.12b_nls12	2320	318.0	88.0	1.0	-88.0	-2.0	170.0
B349	362	GEO_Eqn_6.12b_nls12	2610	318.0	95.0	1.0	-88.0	-2.0	143.0
B349	362	GEO_Eqn_6.12b_nls12	2900	318.0	102.0	1.0	-88.0	-2.0	115.0
B349	362	GEO_Eqn_6.12b_nls12	2900	-189.0	14.0	-1.0	-73.0	-0.3	108.0
B349	362	GEO_Eqn_6.12b_nls12	3395.12	-189.0	26.0	-1.0	-73.0	0.4	98.0
B349	362	GEO_Eqn_6.12b_nls12	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls12	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls12	3400	-68.0	-36.0	0.1	-60.0	0.1	95.0
B349	362	GEO_Eqn_6.12b_nls12	3900	-68.0	-24.0	0.1	-60.0	0.1	110.0
B349	362	GEO_Eqn_6.12b_nls12	3900	64.0	-9.0	0.1	-58.0	0.0	107.0
B349	362	GEO_Eqn_6.12b_nls12	4147.56	64.0	-3.0	0.1	-58.0	0.0	108.0
B349	362	GEO_Eqn_6.12b_nls12	4147.56	80.0	6.0	-0.1	-55.0	-0.3	109.0
B349	362	GEO_Eqn_6.12b_nls12	4400	80.0	12.0	-0.1	-55.0	-0.2	107.0
B349	362	GEO_Eqn_6.12b_nls12	4400	183.0	136.0	-0.3	-54.0	-0.1	96.0
B349	362	GEO_Eqn_6.12b_nls12	4900	182.0	148.0	-0.3	-54.0	0.1	25.0
B349	362	GEO_Eqn_6.12b_nls12	4900	0.0	390.0	0.0	-36.0	0.0	9.0
B349	362	GEO_Eqn_6.12b_nls12	5166.1	0.0	396.0	0.0	-36.0	0.0	-95.0
B349	362	GEO_Eqn_6.12b_nls12	5432.19	0.0	403.0	0.0	-36.0	0.0	-202.0
B349	362	GEO_Eqn_6.12b_nls12	5432.19	-124.0	-5.0	0.0	-30.0	1.0	-236.0
B349	362	GEO_Eqn_6.12b_nls12	5475	-124.0	-3.0	0.0	-30.0	1.0	-236.0
B349	362	GEO_Eqn_6.12b_nls12	5475	-65.0	-94.0	1.0	-27.0	1.0	-205.0
B349	362	GEO_Eqn_6.12b_nls12	5762.5	-65.0	-87.0	1.0	-27.0	0.2	-179.0
B349	362	GEO_Eqn_6.12b_nls12	6050	-65.0	-80.0	1.0	-27.0	-0.2	-155.0
B349	362	GEO_Eqn_6.12b_nls12	6050	-3.0	16.0	0.2	-26.0	-1.0	-158.0
B349	362	GEO_Eqn_6.12b_nls12	6316.1	-3.0	22.0	0.2	-26.0	-1.0	-163.0
B349	362	GEO_Eqn_6.12b_nls12	6316.1	10.0	42.0	-0.2	-21.0	-1.0	-173.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls12	6625	10.0	49.0	-0.2	-21.0	-1.0	-187.0
B349	362	GEO_Eqn_6.12b_nls12	6625	71.0	67.0	-2.0	-20.0	-0.1	-198.0
B349	362	GEO_Eqn_6.12b_nls12	6912.5	71.0	74.0	-2.0	-20.0	0.3	-218.0
B349	362	GEO_Eqn_6.12b_nls12	7200	71.0	81.0	-2.0	-20.0	1.0	-240.0
B349	362	GEO_Eqn_6.12b_nls12	7200	-178.0	28.0	0.5	1.0	0.2	-243.0
B349	362	GEO_Eqn_6.12b_nls12	7700	-178.0	40.0	0.5	1.0	0.0	-260.0
B349	362	GEO_Eqn_6.12b_nls12	7700	-83.0	-28.0	-0.2	0.0	-0.1	-264.0
B349	362	GEO_Eqn_6.12b_nls12	8200	-83.0	-16.0	-0.2	0.0	0.0	-253.0
B349	362	GEO_Eqn_6.12b_nls12	8200	73.0	38.0	-0.2	17.0	-0.2	-257.0
B349	362	GEO_Eqn_6.12b_nls12	8700	73.0	50.0	-0.2	17.0	-0.2	-279.0
B349	362	GEO_Eqn_6.12b_nls12	8700	187.0	159.0	-1.0	16.0	0.0	-289.0
B349	362	GEO_Eqn_6.12b_nls12	9200	187.0	171.0	-1.0	16.0	0.3	-371.0
B349	362	GEO_Eqn_6.12b_nls12	9200	-108.0	362.0	2.0	20.0	1.0	-387.0
B349	362	GEO_Eqn_6.12b_nls12	9477.4	-108.0	369.0	2.0	20.0	1.0	-489.0
B349	362	GEO_Eqn_6.12b_nls12	9754.8	-108.0	376.0	2.0	20.0	-0.1	-592.0
B349	362	GEO_Eqn_6.12b_nls12	9754.8	-13.0	231.0	0.4	19.0	-1.0	-640.0
B349	362	GEO_Eqn_6.12b_nls12	10032.19	-13.0	238.0	0.4	19.0	-1.0	-705.0
B349	362	GEO_Eqn_6.12b_nls12	10032.19	5.0	224.0	-1.0	17.0	-2.0	-798.0
B349	362	GEO_Eqn_6.12b_nls12	10309.59	5.0	231.0	-1.0	17.0	-2.0	-861.0
B349	362	GEO_Eqn_6.12b_nls12	10309.59	112.0	346.0	-3.0	16.0	-0.2	-919.0
B349	362	GEO_Eqn_6.12b_nls12	10586.99	112.0	353.0	-3.0	16.0	1.0	-1015.0
B349	362	GEO_Eqn_6.12b_nls12	10864.39	112.0	360.0	-3.0	16.0	1.0	-1114.0
B349	362	GEO_Eqn_6.12b_nls12	10864.39	-0.4	-428.0	-0.1	18.0	-0.1	-1124.0
B349	362	GEO_Eqn_6.12b_nls12	11317.07	-0.4	-417.0	-0.1	18.0	0.0	-932.0
B349	362	GEO_Eqn_6.12b_nls12	11769.75	-0.4	-406.0	-0.2	18.0	0.1	-746.0
B349	362	GEO_Eqn_6.12b_nls12	11769.75	0.4	-390.0	0.2	29.0	0.1	-745.0
B349	362	GEO_Eqn_6.12b_nls12	12222.44	0.4	-379.0	0.2	29.0	0.0	-571.0
B349	362	GEO_Eqn_6.12b_nls12	12675.12	0.4	-368.0	0.2	29.0	-0.1	-402.0
B349	362	GEO_Eqn_6.12b_nls12	12675.12	-0.1	-281.0	-0.2	54.0	-0.1	-400.0
B349	362	GEO_Eqn_6.12b_nls12	13127.8	-0.1	-270.0	-0.2	54.0	0.0	-275.0
B349	362	GEO_Eqn_6.12b_nls12	13580.49	-0.1	-259.0	-0.2	54.0	0.1	-155.0
B349	362	GEO_Eqn_6.12b_nls12	13580.49	0.1	-219.0	0.3	78.0	0.1	-152.0
B349	362	GEO_Eqn_6.12b_nls12	14033.17	0.1	-208.0	0.2	78.0	0.0	-56.0
B349	362	GEO_Eqn_6.12b_nls12	14485.85	0.1	-197.0	0.2	78.0	-0.1	36.0
B349	362	GEO_Eqn_6.12b_nls12	14485.85	-0.1	-86.0	-0.1	95.0	0.0	36.0
B349	362	GEO_Eqn_6.12b_nls12	14938.53	-0.1	-75.0	-0.1	95.0	0.0	73.0
B349	362	GEO_Eqn_6.12b_nls12	15391.22	-0.1	-64.0	-0.1	95.0	0.0	104.0
B349	362	GEO_Eqn_6.12b_nls12	15391.22	0.1	-46.0	0.1	103.0	0.1	105.0
B349	362	GEO_Eqn_6.12b_nls12	15843.9	0.1	-35.0	0.1	103.0	0.0	123.0
B349	362	GEO_Eqn_6.12b_nls12	16296.58	0.1	-24.0	0.1	103.0	0.0	137.0
B349	362	GEO_Eqn_6.12b_nls13	0	175.0	-210.0	7.0	-43.0	6.0	-74.0
B349	362	GEO_Eqn_6.12b_nls13	290	175.0	-203.0	7.0	-43.0	4.0	-14.0
B349	362	GEO_Eqn_6.12b_nls13	580	175.0	-196.0	7.0	-43.0	2.0	44.0
B349	362	GEO_Eqn_6.12b_nls13	580	91.0	-131.0	4.0	-43.0	-2.0	70.0
B349	362	GEO_Eqn_6.12b_nls13	966.67	91.0	-122.0	4.0	-43.0	-4.0	119.0
B349	362	GEO_Eqn_6.12b_nls13	966.67	66.0	-49.0	-0.3	-40.0	-4.0	151.0
B349	362	GEO_Eqn_6.12b_nls13	1160	66.0	-44.0	-0.3	-40.0	-4.0	160.0
B349	362	GEO_Eqn_6.12b_nls13	1160	-9.0	-152.0	-2.0	-40.0	-3.0	175.0
B349	362	GEO_Eqn_6.12b_nls13	1450	-9.0	-145.0	-2.0	-40.0	-2.0	218.0
B349	362	GEO_Eqn_6.12b_nls13	1740	-9.0	-138.0	-2.0	-40.0	-2.0	259.0
B349	362	GEO_Eqn_6.12b_nls13	1740	-72.0	-28.0	-0.5	-38.0	-1.0	272.0
B349	362	GEO_Eqn_6.12b_nls13	1933.33	-72.0	-23.0	-0.5	-38.0	-1.0	277.0
B349	362	GEO_Eqn_6.12b_nls13	1933.33	-92.0	-41.0	-1.0	-33.0	-0.1	290.0
B349	362	GEO_Eqn_6.12b_nls13	2320	-92.0	-32.0	-1.0	-33.0	0.4	304.0
B349	362	GEO_Eqn_6.12b_nls13	2320	-164.0	48.0	-3.0	-32.0	1.0	309.0
B349	362	GEO_Eqn_6.12b_nls13	2610	-164.0	55.0	-3.0	-32.0	2.0	294.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls13	2900	-164.0	62.0	-3.0	-32.0	3.0	277.0
B349	362	GEO_Eqn_6.12b_nls13	2900	180.0	218.0	3.0	-17.0	1.0	278.0
B349	362	GEO_Eqn_6.12b_nls13	3395.12	180.0	230.0	3.0	-17.0	-1.0	167.0
B349	362	GEO_Eqn_6.12b_nls13	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls13	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls13	3400	56.0	321.0	-0.3	-3.0	-0.4	164.0
B349	362	GEO_Eqn_6.12b_nls13	3900	56.0	333.0	-0.3	-3.0	-0.2	0.3
B349	362	GEO_Eqn_6.12b_nls13	3900	-67.0	153.0	-0.1	-2.0	-0.1	-27.0
B349	362	GEO_Eqn_6.12b_nls13	4147.56	-67.0	159.0	-0.1	-2.0	-0.1	-65.0
B349	362	GEO_Eqn_6.12b_nls13	4147.56	-79.0	167.0	0.0	3.0	0.2	-133.0
B349	362	GEO_Eqn_6.12b_nls13	4400	-79.0	173.0	0.0	3.0	0.1	-176.0
B349	362	GEO_Eqn_6.12b_nls13	4400	-161.0	352.0	-0.1	4.0	0.2	-212.0
B349	362	GEO_Eqn_6.12b_nls13	4900	-161.0	364.0	-0.1	4.0	0.2	-391.0
B349	362	GEO_Eqn_6.12b_nls13	4900	0.0	415.0	0.0	24.0	0.0	-403.0
B349	362	GEO_Eqn_6.12b_nls13	5166.1	0.0	422.0	0.0	24.0	0.0	-514.0
B349	362	GEO_Eqn_6.12b_nls13	5432.19	0.0	428.0	0.0	24.0	0.0	-627.0
B349	362	GEO_Eqn_6.12b_nls13	5432.19	28.0	-13.0	0.0	32.0	1.0	-642.0
B349	362	GEO_Eqn_6.12b_nls13	5475	28.0	-12.0	0.0	32.0	1.0	-642.0
B349	362	GEO_Eqn_6.12b_nls13	5475	12.0	-737.0	1.0	37.0	0.4	-579.0
B349	362	GEO_Eqn_6.12b_nls13	5762.5	12.0	-730.0	1.0	37.0	0.2	-368.0
B349	362	GEO_Eqn_6.12b_nls13	6050	12.0	-723.0	1.0	37.0	-0.1	-159.0
B349	362	GEO_Eqn_6.12b_nls13	6050	10.0	-251.0	0.1	38.0	-0.3	-101.0
B349	362	GEO_Eqn_6.12b_nls13	6316.1	10.0	-244.0	0.1	38.0	-0.4	-35.0
B349	362	GEO_Eqn_6.12b_nls13	6316.1	6.0	-278.0	-0.2	44.0	-0.5	67.0
B349	362	GEO_Eqn_6.12b_nls13	6625	6.0	-270.0	-0.2	44.0	-0.4	152.0
B349	362	GEO_Eqn_6.12b_nls13	6625	-22.0	-297.0	-1.0	46.0	-0.1	196.0
B349	362	GEO_Eqn_6.12b_nls13	6912.5	-22.0	-290.0	-1.0	46.0	0.2	280.0
B349	362	GEO_Eqn_6.12b_nls13	7200	-22.0	-284.0	-1.0	46.0	1.0	363.0
B349	362	GEO_Eqn_6.12b_nls13	7200	133.0	-86.0	1.0	70.0	0.3	376.0
B349	362	GEO_Eqn_6.12b_nls13	7700	133.0	-74.0	1.0	70.0	0.0	416.0
B349	362	GEO_Eqn_6.12b_nls13	7700	55.0	3.0	0.3	69.0	-0.1	421.0
B349	362	GEO_Eqn_6.12b_nls13	8200	55.0	16.0	0.2	69.0	-0.3	416.0
B349	362	GEO_Eqn_6.12b_nls13	8200	-58.0	55.0	0.0	89.0	0.0	420.0
B349	362	GEO_Eqn_6.12b_nls13	8700	-58.0	67.0	0.0	89.0	0.0	389.0
B349	362	GEO_Eqn_6.12b_nls13	8700	-130.0	28.0	-0.4	89.0	0.0	389.0
B349	362	GEO_Eqn_6.12b_nls13	9200	-130.0	40.0	-0.4	89.0	0.2	372.0
B349	362	GEO_Eqn_6.12b_nls13	9200	96.0	69.0	1.0	101.0	0.4	374.0
B349	362	GEO_Eqn_6.12b_nls13	9477.4	96.0	76.0	1.0	101.0	0.2	353.0
B349	362	GEO_Eqn_6.12b_nls13	9754.8	96.0	82.0	1.0	101.0	-0.1	332.0
B349	362	GEO_Eqn_6.12b_nls13	9754.8	18.0	105.0	0.2	101.0	-0.4	318.0
B349	362	GEO_Eqn_6.12b_nls13	10032.19	18.0	112.0	0.2	101.0	-0.5	288.0
B349	362	GEO_Eqn_6.12b_nls13	10032.19	0.3	112.0	-0.2	102.0	-0.3	248.0
B349	362	GEO_Eqn_6.12b_nls13	10309.59	0.3	118.0	-0.2	102.0	-0.3	216.0
B349	362	GEO_Eqn_6.12b_nls13	10309.59	-105.0	587.0	-1.0	102.0	0.0	179.0
B349	362	GEO_Eqn_6.12b_nls13	10586.99	-105.0	594.0	-1.0	102.0	0.2	15.0
B349	362	GEO_Eqn_6.12b_nls13	10864.39	-105.0	601.0	-1.0	102.0	0.4	-151.0
B349	362	GEO_Eqn_6.12b_nls13	10864.39	0.3	-244.0	0.2	-72.0	0.1	-133.0
B349	362	GEO_Eqn_6.12b_nls13	11317.07	0.3	-233.0	0.2	-72.0	0.0	-26.0
B349	362	GEO_Eqn_6.12b_nls13	11769.75	0.2	-222.0	0.2	-72.0	-0.1	77.0
B349	362	GEO_Eqn_6.12b_nls13	11769.75	-0.2	-207.0	-0.3	-63.0	-0.1	78.0
B349	362	GEO_Eqn_6.12b_nls13	12222.44	-0.3	-196.0	-0.3	-63.0	0.0	169.0
B349	362	GEO_Eqn_6.12b_nls13	12675.12	-0.3	-185.0	-0.3	-63.0	0.1	255.0
B349	362	GEO_Eqn_6.12b_nls13	12675.12	0.1	-38.0	0.3	-39.0	0.2	256.0
B349	362	GEO_Eqn_6.12b_nls13	13127.8	0.1	-27.0	0.3	-39.0	0.0	271.0
B349	362	GEO_Eqn_6.12b_nls13	13580.49	0.1	-16.0	0.3	-39.0	-0.1	281.0
B349	362	GEO_Eqn_6.12b_nls13	13580.49	-0.1	23.0	-0.3	-17.0	-0.2	283.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls13	14033.17	-0.1	34.0	-0.3	-17.0	0.0	270.0
B349	362	GEO_Eqn_6.12b_nls13	14485.85	-0.1	45.0	-0.3	-17.0	0.2	252.0
B349	362	GEO_Eqn_6.12b_nls13	14485.85	0.1	124.0	0.2	-1.0	0.1	252.0
B349	362	GEO_Eqn_6.12b_nls13	14938.53	0.1	135.0	0.2	-1.0	0.0	193.0
B349	362	GEO_Eqn_6.12b_nls13	15391.22	0.1	146.0	0.2	-1.0	-0.1	130.0
B349	362	GEO_Eqn_6.12b_nls13	15391.22	-0.1	163.0	-0.2	7.0	-0.1	129.0
B349	362	GEO_Eqn_6.12b_nls13	15843.9	-0.1	174.0	-0.2	7.0	0.0	53.0
B349	362	GEO_Eqn_6.12b_nls13	16296.58	-0.1	185.0	-0.2	7.0	0.1	-28.0
B349	362	GEO_Eqn_6.12b_nls14	0	91.0	-103.0	2.0	-45.0	1.0	-144.0
B349	362	GEO_Eqn_6.12b_nls14	290	91.0	-96.0	2.0	-45.0	1.0	-115.0
B349	362	GEO_Eqn_6.12b_nls14	580	91.0	-89.0	2.0	-45.0	0.4	-88.0
B349	362	GEO_Eqn_6.12b_nls14	580	45.0	-96.0	1.0	-45.0	-1.0	-72.0
B349	362	GEO_Eqn_6.12b_nls14	966.67	45.0	-87.0	1.0	-45.0	-1.0	-36.0
B349	362	GEO_Eqn_6.12b_nls14	966.67	34.0	-34.0	-0.1	-41.0	-1.0	-13.0
B349	362	GEO_Eqn_6.12b_nls14	1160	34.0	-30.0	-0.1	-41.0	-1.0	-6.0
B349	362	GEO_Eqn_6.12b_nls14	1160	-6.0	-130.0	-0.5	-39.0	-1.0	3.0
B349	362	GEO_Eqn_6.12b_nls14	1450	-6.0	-123.0	-0.5	-39.0	-1.0	40.0
B349	362	GEO_Eqn_6.12b_nls14	1740	-6.0	-116.0	-0.5	-39.0	-0.4	75.0
B349	362	GEO_Eqn_6.12b_nls14	1740	-38.0	-31.0	-0.1	-37.0	-0.2	86.0
B349	362	GEO_Eqn_6.12b_nls14	1933.33	-38.0	-26.0	-0.1	-37.0	-0.2	91.0
B349	362	GEO_Eqn_6.12b_nls14	1933.33	-46.0	-48.0	-0.2	-31.0	0.0	106.0
B349	362	GEO_Eqn_6.12b_nls14	2320	-46.0	-39.0	-0.2	-31.0	0.1	123.0
B349	362	GEO_Eqn_6.12b_nls14	2320	-82.0	-15.0	-1.0	-30.0	0.3	129.0
B349	362	GEO_Eqn_6.12b_nls14	2610	-82.0	-8.0	-1.0	-30.0	1.0	132.0
B349	362	GEO_Eqn_6.12b_nls14	2900	-82.0	-1.0	-1.0	-30.0	1.0	133.0
B349	362	GEO_Eqn_6.12b_nls14	2900	95.0	90.0	1.0	-12.0	0.4	135.0
B349	362	GEO_Eqn_6.12b_nls14	3395.12	95.0	102.0	1.0	-12.0	-0.4	87.0
B349	362	GEO_Eqn_6.12b_nls14	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls14	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls14	3400	31.0	160.0	-0.2	4.0	-0.2	86.0
B349	362	GEO_Eqn_6.12b_nls14	3900	31.0	172.0	-0.2	4.0	-0.1	3.0
B349	362	GEO_Eqn_6.12b_nls14	3900	-35.0	78.0	-0.1	5.0	0.0	-11.0
B349	362	GEO_Eqn_6.12b_nls14	4147.56	-35.0	84.0	-0.1	5.0	0.0	-31.0
B349	362	GEO_Eqn_6.12b_nls14	4147.56	-42.0	91.0	0.1	10.0	0.1	-67.0
B349	362	GEO_Eqn_6.12b_nls14	4400	-42.0	97.0	0.1	10.0	0.1	-91.0
B349	362	GEO_Eqn_6.12b_nls14	4400	-86.0	196.0	0.0	11.0	0.1	-111.0
B349	362	GEO_Eqn_6.12b_nls14	4900	-86.0	209.0	0.0	11.0	0.0	-213.0
B349	362	GEO_Eqn_6.12b_nls14	4900	0.0	249.0	0.0	33.0	0.0	-219.0
B349	362	GEO_Eqn_6.12b_nls14	5166.1	0.0	256.0	0.0	33.0	0.0	-286.0
B349	362	GEO_Eqn_6.12b_nls14	5432.19	0.0	262.0	0.0	33.0	0.0	-355.0
B349	362	GEO_Eqn_6.12b_nls14	5432.19	3.0	-10.0	0.0	43.0	0.3	-362.0
B349	362	GEO_Eqn_6.12b_nls14	5475	3.0	-9.0	0.0	43.0	0.3	-361.0
B349	362	GEO_Eqn_6.12b_nls14	5475	-3.0	-568.0	0.5	48.0	0.2	-319.0
B349	362	GEO_Eqn_6.12b_nls14	5762.5	-3.0	-561.0	0.5	48.0	0.1	-157.0
B349	362	GEO_Eqn_6.12b_nls14	6050	-3.0	-554.0	0.5	48.0	0.0	4.0
B349	362	GEO_Eqn_6.12b_nls14	6050	5.0	-212.0	0.1	49.0	-0.2	51.0
B349	362	GEO_Eqn_6.12b_nls14	6316.1	5.0	-206.0	0.1	49.0	-0.2	107.0
B349	362	GEO_Eqn_6.12b_nls14	6316.1	4.0	-233.0	-0.1	56.0	-0.3	193.0
B349	362	GEO_Eqn_6.12b_nls14	6625	4.0	-226.0	-0.1	56.0	-0.3	264.0
B349	362	GEO_Eqn_6.12b_nls14	6625	-1.0	-309.0	-1.0	58.0	-0.1	302.0
B349	362	GEO_Eqn_6.12b_nls14	6912.5	-1.0	-302.0	-1.0	58.0	0.1	390.0
B349	362	GEO_Eqn_6.12b_nls14	7200	-1.0	-295.0	-1.0	58.0	0.3	475.0
B349	362	GEO_Eqn_6.12b_nls14	7200	96.0	-169.0	0.3	85.0	0.2	489.0
B349	362	GEO_Eqn_6.12b_nls14	7700	96.0	-157.0	0.3	85.0	0.0	571.0
B349	362	GEO_Eqn_6.12b_nls14	7700	50.0	-119.0	0.2	85.0	-0.1	580.0
B349	362	GEO_Eqn_6.12b_nls14	8200	50.0	-107.0	0.2	85.0	-0.2	637.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls14	8200	-38.0	-89.0	0.0	107.0	0.0	644.0
B349	362	GEO_Eqn_6.12b_nls14	8700	-38.0	-77.0	0.0	107.0	0.0	686.0
B349	362	GEO_Eqn_6.12b_nls14	8700	-107.0	-143.0	-0.3	107.0	0.0	694.0
B349	362	GEO_Eqn_6.12b_nls14	9200	-107.0	-130.0	-0.3	107.0	0.1	763.0
B349	362	GEO_Eqn_6.12b_nls14	9200	116.0	-155.0	0.2	123.0	0.0	771.0
B349	362	GEO_Eqn_6.12b_nls14	9477.4	116.0	-149.0	0.2	123.0	0.0	813.0
B349	362	GEO_Eqn_6.12b_nls14	9754.8	116.0	-142.0	0.2	123.0	-0.1	853.0
B349	362	GEO_Eqn_6.12b_nls14	9754.8	22.0	-39.0	0.0	124.0	-0.2	867.0
B349	362	GEO_Eqn_6.12b_nls14	10032.19	22.0	-33.0	0.0	124.0	-0.2	877.0
B349	362	GEO_Eqn_6.12b_nls14	10032.19	1.0	-26.0	0.0	126.0	0.3	892.0
B349	362	GEO_Eqn_6.12b_nls14	10309.59	1.0	-20.0	0.0	126.0	0.3	899.0
B349	362	GEO_Eqn_6.12b_nls14	10309.59	-128.0	268.0	0.4	127.0	0.1	898.0
B349	362	GEO_Eqn_6.12b_nls14	10586.99	-128.0	274.0	0.4	127.0	0.0	822.0
B349	362	GEO_Eqn_6.12b_nls14	10864.39	-128.0	281.0	0.4	127.0	-0.1	745.0
B349	362	GEO_Eqn_6.12b_nls14	10864.39	0.4	-63.0	0.0	-80.0	0.0	775.0
B349	362	GEO_Eqn_6.12b_nls14	11317.07	0.4	-52.0	-0.1	-80.0	0.0	801.0
B349	362	GEO_Eqn_6.12b_nls14	11769.75	0.4	-41.0	-0.1	-80.0	0.0	822.0
B349	362	GEO_Eqn_6.12b_nls14	11769.75	-0.4	-26.0	0.0	-71.0	0.0	822.0
B349	362	GEO_Eqn_6.12b_nls14	12222.44	-0.4	-15.0	0.0	-71.0	0.0	831.0
B349	362	GEO_Eqn_6.12b_nls14	12675.12	-0.4	-4.0	0.0	-71.0	0.0	835.0
B349	362	GEO_Eqn_6.12b_nls14	12675.12	0.1	149.0	-0.1	-48.0	0.0	836.0
B349	362	GEO_Eqn_6.12b_nls14	13127.8	0.1	160.0	-0.1	-48.0	0.0	766.0
B349	362	GEO_Eqn_6.12b_nls14	13580.49	0.1	171.0	-0.1	-48.0	0.0	691.0
B349	362	GEO_Eqn_6.12b_nls14	13580.49	-0.1	210.0	0.1	-27.0	0.0	693.0
B349	362	GEO_Eqn_6.12b_nls14	14033.17	-0.1	221.0	0.1	-27.0	0.0	595.0
B349	362	GEO_Eqn_6.12b_nls14	14485.85	-0.1	232.0	0.1	-27.0	0.0	493.0
B349	362	GEO_Eqn_6.12b_nls14	14485.85	0.0	286.0	0.0	-11.0	0.0	491.0
B349	362	GEO_Eqn_6.12b_nls14	14938.53	0.0	297.0	0.0	-11.0	0.0	359.0
B349	362	GEO_Eqn_6.12b_nls14	15391.22	0.0	308.0	0.0	-11.0	0.0	223.0
B349	362	GEO_Eqn_6.12b_nls14	15391.22	0.0	324.0	0.0	-4.0	0.0	222.0
B349	362	GEO_Eqn_6.12b_nls14	15843.9	0.0	335.0	0.0	-4.0	0.0	72.0
B349	362	GEO_Eqn_6.12b_nls14	16296.58	0.0	346.0	0.0	-4.0	0.0	-82.0
B349	362	GEO_Eqn_6.12b_nls15	0	-149.0	-313.0	2.0	-90.0	2.0	298.0
B349	362	GEO_Eqn_6.12b_nls15	290	-149.0	-306.0	2.0	-90.0	1.0	388.0
B349	362	GEO_Eqn_6.12b_nls15	580	-149.0	-299.0	2.0	-90.0	0.5	476.0
B349	362	GEO_Eqn_6.12b_nls15	580	-66.0	-60.0	1.0	-91.0	-1.0	489.0
B349	362	GEO_Eqn_6.12b_nls15	966.67	-66.0	-51.0	1.0	-91.0	-1.0	510.0
B349	362	GEO_Eqn_6.12b_nls15	966.67	-49.0	-17.0	0.0	-89.0	-1.0	521.0
B349	362	GEO_Eqn_6.12b_nls15	1160	-49.0	-13.0	0.0	-89.0	-1.0	524.0
B349	362	GEO_Eqn_6.12b_nls15	1160	23.0	41.0	-0.2	-89.0	-1.0	521.0
B349	362	GEO_Eqn_6.12b_nls15	1450	23.0	48.0	-0.2	-89.0	-1.0	508.0
B349	362	GEO_Eqn_6.12b_nls15	1740	23.0	55.0	-0.2	-89.0	-1.0	493.0
B349	362	GEO_Eqn_6.12b_nls15	1740	71.0	26.0	-0.1	-88.0	-1.0	486.0
B349	362	GEO_Eqn_6.12b_nls15	1933.33	71.0	31.0	-0.1	-88.0	-1.0	480.0
B349	362	GEO_Eqn_6.12b_nls15	1933.33	81.0	90.0	-1.0	-84.0	-1.0	458.0
B349	362	GEO_Eqn_6.12b_nls15	2320	81.0	99.0	-1.0	-84.0	-0.4	422.0
B349	362	GEO_Eqn_6.12b_nls15	2320	108.0	155.0	-2.0	-84.0	0.5	406.0
B349	362	GEO_Eqn_6.12b_nls15	2610	108.0	162.0	-2.0	-84.0	1.0	360.0
B349	362	GEO_Eqn_6.12b_nls15	2900	108.0	169.0	-2.0	-84.0	2.0	312.0
B349	362	GEO_Eqn_6.12b_nls15	2900	-6.0	207.0	2.0	-72.0	0.5	307.0
B349	362	GEO_Eqn_6.12b_nls15	3395.12	-6.0	219.0	2.0	-72.0	-0.3	202.0
B349	362	GEO_Eqn_6.12b_nls15	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls15	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls15	3400	-10.0	228.0	-0.1	-60.0	-0.2	196.0
B349	362	GEO_Eqn_6.12b_nls15	3900	-10.0	240.0	-0.1	-60.0	-0.1	79.0
B349	362	GEO_Eqn_6.12b_nls15	3900	-2.0	113.0	0.0	-59.0	-0.1	56.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls15	4147.56	-2.0	119.0	0.0	-59.0	-0.1	27.0
B349	362	GEO_Eqn_6.12b_nls15	4147.56	0.3	127.0	-0.1	-55.0	-0.1	-23.0
B349	362	GEO_Eqn_6.12b_nls15	4400	0.3	133.0	-0.1	-55.0	-0.1	-56.0
B349	362	GEO_Eqn_6.12b_nls15	4400	17.0	356.0	-0.5	-55.0	0.1	-90.0
B349	362	GEO_Eqn_6.12b_nls15	4900	17.0	368.0	-0.5	-55.0	0.3	-271.0
B349	362	GEO_Eqn_6.12b_nls15	4900	0.0	566.0	0.0	-39.0	0.0	-290.0
B349	362	GEO_Eqn_6.12b_nls15	5166.1	0.0	572.0	0.0	-39.0	0.0	-442.0
B349	362	GEO_Eqn_6.12b_nls15	5432.19	0.0	579.0	0.0	-39.0	0.0	-595.0
B349	362	GEO_Eqn_6.12b_nls15	5432.19	-58.0	-9.0	0.0	-33.0	1.0	-634.0
B349	362	GEO_Eqn_6.12b_nls15	5475	-58.0	-8.0	0.0	-33.0	1.0	-633.0
B349	362	GEO_Eqn_6.12b_nls15	5475	-31.0	-424.0	2.0	-30.0	1.0	-574.0
B349	362	GEO_Eqn_6.12b_nls15	5762.5	-31.0	-418.0	2.0	-30.0	0.3	-453.0
B349	362	GEO_Eqn_6.12b_nls15	6050	-31.0	-411.0	2.0	-30.0	-0.2	-334.0
B349	362	GEO_Eqn_6.12b_nls15	6050	5.0	-93.0	0.2	-29.0	-1.0	-310.0
B349	362	GEO_Eqn_6.12b_nls15	6316.1	5.0	-87.0	0.2	-29.0	-1.0	-286.0
B349	362	GEO_Eqn_6.12b_nls15	6316.1	10.0	-88.0	-0.3	-24.0	-1.0	-250.0
B349	362	GEO_Eqn_6.12b_nls15	6625	10.0	-81.0	-0.3	-24.0	-1.0	-224.0
B349	362	GEO_Eqn_6.12b_nls15	6625	27.0	-31.0	-2.0	-23.0	-0.2	-214.0
B349	362	GEO_Eqn_6.12b_nls15	6912.5	27.0	-24.0	-2.0	-23.0	0.4	-206.0
B349	362	GEO_Eqn_6.12b_nls15	7200	27.0	-17.0	-2.0	-23.0	1.0	-200.0
B349	362	GEO_Eqn_6.12b_nls15	7200	-64.0	59.0	1.0	-4.0	0.3	-199.0
B349	362	GEO_Eqn_6.12b_nls15	7700	-64.0	71.0	1.0	-4.0	0.0	-231.0
B349	362	GEO_Eqn_6.12b_nls15	7700	-41.0	74.0	0.0	-5.0	-0.1	-236.0
B349	362	GEO_Eqn_6.12b_nls15	8200	-41.0	86.0	0.0	-5.0	-0.1	-276.0
B349	362	GEO_Eqn_6.12b_nls15	8200	22.0	154.0	-0.1	11.0	-0.2	-281.0
B349	362	GEO_Eqn_6.12b_nls15	8700	22.0	166.0	-0.1	11.0	-0.1	-361.0
B349	362	GEO_Eqn_6.12b_nls15	8700	83.0	252.0	-1.0	10.0	0.0	-374.0
B349	362	GEO_Eqn_6.12b_nls15	9200	82.0	264.0	-1.0	10.0	0.3	-503.0
B349	362	GEO_Eqn_6.12b_nls15	9200	-70.0	441.0	3.0	12.0	1.0	-519.0
B349	362	GEO_Eqn_6.12b_nls15	9477.4	-70.0	448.0	3.0	12.0	1.0	-643.0
B349	362	GEO_Eqn_6.12b_nls15	9754.8	-70.0	455.0	3.0	12.0	-0.1	-768.0
B349	362	GEO_Eqn_6.12b_nls15	9754.8	-9.0	290.0	1.0	11.0	-1.0	-824.0
B349	362	GEO_Eqn_6.12b_nls15	10032.19	-9.0	297.0	1.0	11.0	-1.0	-906.0
B349	362	GEO_Eqn_6.12b_nls15	10032.19	2.0	282.0	-1.0	9.0	-2.0	-1020.0
B349	362	GEO_Eqn_6.12b_nls15	10309.59	2.0	289.0	-1.0	9.0	-2.0	-1100.0
B349	362	GEO_Eqn_6.12b_nls15	10309.59	74.0	585.0	-3.0	7.0	-0.2	-1174.0
B349	362	GEO_Eqn_6.12b_nls15	10586.99	74.0	592.0	-3.0	7.0	1.0	-1337.0
B349	362	GEO_Eqn_6.12b_nls15	10864.39	74.0	599.0	-3.0	7.0	2.0	-1502.0
B349	362	GEO_Eqn_6.12b_nls15	10864.39	-0.3	-509.0	0.1	4.0	0.0	-1514.0
B349	362	GEO_Eqn_6.12b_nls15	11317.07	-0.3	-498.0	0.1	4.0	0.0	-1286.0
B349	362	GEO_Eqn_6.12b_nls15	11769.75	-0.3	-487.0	0.1	4.0	0.0	-1063.0
B349	362	GEO_Eqn_6.12b_nls15	11769.75	0.3	-471.0	0.0	15.0	0.0	-1062.0
B349	362	GEO_Eqn_6.12b_nls15	12222.44	0.3	-460.0	0.0	15.0	0.0	-851.0
B349	362	GEO_Eqn_6.12b_nls15	12675.12	0.3	-449.0	0.0	15.0	0.0	-645.0
B349	362	GEO_Eqn_6.12b_nls15	12675.12	-0.1	-354.0	0.1	41.0	0.0	-643.0
B349	362	GEO_Eqn_6.12b_nls15	13127.8	-0.1	-343.0	0.1	41.0	0.0	-485.0
B349	362	GEO_Eqn_6.12b_nls15	13580.49	-0.1	-333.0	0.1	41.0	0.0	-332.0
B349	362	GEO_Eqn_6.12b_nls15	13580.49	0.1	-292.0	0.0	64.0	0.0	-329.0
B349	362	GEO_Eqn_6.12b_nls15	14033.17	0.1	-281.0	0.0	64.0	0.0	-199.0
B349	362	GEO_Eqn_6.12b_nls15	14485.85	0.1	-270.0	0.0	64.0	0.0	-75.0
B349	362	GEO_Eqn_6.12b_nls15	14485.85	0.0	-150.0	0.1	81.0	0.0	-74.0
B349	362	GEO_Eqn_6.12b_nls15	14938.53	0.0	-139.0	0.1	81.0	0.0	-9.0
B349	362	GEO_Eqn_6.12b_nls15	15391.22	0.0	-128.0	0.1	81.0	0.0	51.0
B349	362	GEO_Eqn_6.12b_nls15	15391.22	0.0	-109.0	-0.1	89.0	0.0	52.0
B349	362	GEO_Eqn_6.12b_nls15	15843.9	0.0	-98.0	-0.1	89.0	0.0	99.0
B349	362	GEO_Eqn_6.12b_nls15	16296.58	0.0	-87.0	-0.1	89.0	0.0	141.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls16	0	-258.0	-204.0	-4.0	-97.0	-3.0	232.0
B349	362	GEO_Eqn_6.12b_nls16	290	-258.0	-197.0	-4.0	-97.0	-2.0	290.0
B349	362	GEO_Eqn_6.12b_nls16	580	-258.0	-190.0	-4.0	-97.0	-1.0	346.0
B349	362	GEO_Eqn_6.12b_nls16	580	-124.0	-24.0	-3.0	-96.0	1.0	349.0
B349	362	GEO_Eqn_6.12b_nls16	966.67	-124.0	-14.0	-3.0	-96.0	2.0	356.0
B349	362	GEO_Eqn_6.12b_nls16	966.67	-89.0	-3.0	0.4	-93.0	3.0	358.0
B349	362	GEO_Eqn_6.12b_nls16	1160	-89.0	2.0	0.4	-93.0	3.0	358.0
B349	362	GEO_Eqn_6.12b_nls16	1160	29.0	66.0	2.0	-92.0	2.0	349.0
B349	362	GEO_Eqn_6.12b_nls16	1450	29.0	73.0	2.0	-92.0	1.0	329.0
B349	362	GEO_Eqn_6.12b_nls16	1740	29.0	80.0	2.0	-92.0	1.0	307.0
B349	362	GEO_Eqn_6.12b_nls16	1740	116.0	24.0	0.3	-90.0	-0.1	297.0
B349	362	GEO_Eqn_6.12b_nls16	1933.33	116.0	29.0	0.3	-90.0	-0.2	292.0
B349	362	GEO_Eqn_6.12b_nls16	1933.33	139.0	84.0	0.3	-85.0	-1.0	271.0
B349	362	GEO_Eqn_6.12b_nls16	2320	139.0	94.0	0.3	-85.0	-1.0	237.0
B349	362	GEO_Eqn_6.12b_nls16	2320	210.0	90.0	-0.1	-84.0	-1.0	222.0
B349	362	GEO_Eqn_6.12b_nls16	2610	210.0	97.0	-0.1	-84.0	-1.0	195.0
B349	362	GEO_Eqn_6.12b_nls16	2900	210.0	104.0	-0.1	-84.0	-1.0	166.0
B349	362	GEO_Eqn_6.12b_nls16	2900	-102.0	69.0	-0.5	-69.0	-0.1	161.0
B349	362	GEO_Eqn_6.12b_nls16	3395.12	-102.0	81.0	-0.5	-69.0	0.1	124.0
B349	362	GEO_Eqn_6.12b_nls16	3395.12	0.0	-0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls16	3400	0.0	0.1	0.0	0.0	0.0	0.0
B349	362	GEO_Eqn_6.12b_nls16	3400	-38.0	52.0	0.1	-56.0	0.0	120.0
B349	362	GEO_Eqn_6.12b_nls16	3900	-38.0	64.0	0.1	-56.0	0.0	91.0
B349	362	GEO_Eqn_6.12b_nls16	3900	34.0	30.0	0.0	-55.0	0.0	82.0
B349	362	GEO_Eqn_6.12b_nls16	4147.56	34.0	36.0	0.0	-55.0	0.0	74.0
B349	362	GEO_Eqn_6.12b_nls16	4147.56	43.0	44.0	0.0	-51.0	-0.2	58.0
B349	362	GEO_Eqn_6.12b_nls16	4400	43.0	50.0	0.0	-51.0	-0.2	46.0
B349	362	GEO_Eqn_6.12b_nls16	4400	101.0	184.0	-0.3	-50.0	-0.1	30.0
B349	362	GEO_Eqn_6.12b_nls16	4900	101.0	196.0	-0.3	-50.0	0.1	-65.0
B349	362	GEO_Eqn_6.12b_nls16	4900	0.0	380.0	0.0	-32.0	0.0	-79.0
B349	362	GEO_Eqn_6.12b_nls16	5166.1	0.0	387.0	0.0	-32.0	0.0	-181.0
B349	362	GEO_Eqn_6.12b_nls16	5432.19	0.0	393.0	0.0	-32.0	0.0	-285.0
B349	362	GEO_Eqn_6.12b_nls16	5432.19	-84.0	-6.0	0.0	-25.0	1.0	-315.0
B349	362	GEO_Eqn_6.12b_nls16	5475	-84.0	-5.0	0.0	-25.0	1.0	-315.0
B349	362	GEO_Eqn_6.12b_nls16	5475	-46.0	-212.0	1.0	-22.0	1.0	-279.0
B349	362	GEO_Eqn_6.12b_nls16	5762.5	-46.0	-205.0	1.0	-22.0	0.2	-219.0
B349	362	GEO_Eqn_6.12b_nls16	6050	-46.0	-198.0	1.0	-22.0	-0.1	-161.0
B349	362	GEO_Eqn_6.12b_nls16	6050	-2.0	-42.0	0.2	-21.0	-0.5	-151.0
B349	362	GEO_Eqn_6.12b_nls16	6316.1	-2.0	-36.0	0.2	-21.0	-1.0	-141.0
B349	362	GEO_Eqn_6.12b_nls16	6316.1	7.0	-28.0	-0.2	-15.0	-1.0	-126.0
B349	362	GEO_Eqn_6.12b_nls16	6625	7.0	-21.0	-0.2	-15.0	-1.0	-118.0
B349	362	GEO_Eqn_6.12b_nls16	6625	50.0	-30.0	-1.0	-14.0	-0.1	-117.0
B349	362	GEO_Eqn_6.12b_nls16	6912.5	50.0	-23.0	-1.0	-14.0	0.3	-109.0
B349	362	GEO_Eqn_6.12b_nls16	7200	50.0	-16.0	-1.0	-14.0	1.0	-104.0
B349	362	GEO_Eqn_6.12b_nls16	7200	-109.0	-25.0	0.4	8.0	0.2	-102.0
B349	362	GEO_Eqn_6.12b_nls16	7700	-109.0	-13.0	0.4	8.0	0.0	-93.0
B349	362	GEO_Eqn_6.12b_nls16	7700	-49.0	-55.0	-0.1	7.0	-0.1	-93.0
B349	362	GEO_Eqn_6.12b_nls16	8200	-49.0	-43.0	-0.1	7.0	0.0	-69.0
B349	362	GEO_Eqn_6.12b_nls16	8200	46.0	1.0	-0.1	25.0	-0.2	-69.0
B349	362	GEO_Eqn_6.12b_nls16	8700	46.0	14.0	-0.1	25.0	-0.1	-73.0
B349	362	GEO_Eqn_6.12b_nls16	8700	112.0	73.0	-1.0	25.0	-0.1	-78.0
B349	362	GEO_Eqn_6.12b_nls16	9200	112.0	85.0	-1.0	25.0	0.3	-118.0
B349	362	GEO_Eqn_6.12b_nls16	9200	-55.0	203.0	2.0	31.0	1.0	-127.0
B349	362	GEO_Eqn_6.12b_nls16	9477.4	-55.0	210.0	2.0	31.0	0.5	-185.0
B349	362	GEO_Eqn_6.12b_nls16	9754.8	-55.0	217.0	2.0	31.0	-0.1	-244.0
B349	362	GEO_Eqn_6.12b_nls16	9754.8	-6.0	132.0	0.3	30.0	-1.0	-271.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B349	362	GEO_Eqn_6.12b_nls16	10032.19	-6.0	139.0	0.3	30.0	-1.0	-308.0
B349	362	GEO_Eqn_6.12b_nls16	10032.19	3.0	131.0	-0.4	29.0	-1.0	-363.0
B349	362	GEO_Eqn_6.12b_nls16	10309.59	3.0	137.0	-0.4	29.0	-1.0	-400.0
B349	362	GEO_Eqn_6.12b_nls16	10309.59	56.0	213.0	-2.0	29.0	-0.1	-434.0
B349	362	GEO_Eqn_6.12b_nls16	10586.99	56.0	219.0	-2.0	29.0	0.5	-494.0
B349	362	GEO_Eqn_6.12b_nls16	10864.39	56.0	226.0	-2.0	29.0	1.0	-555.0
B349	362	GEO_Eqn_6.12b_nls16	10864.39	-0.1	-317.0	-0.3	-3.0	-0.1	-553.0
B349	362	GEO_Eqn_6.12b_nls16	11317.07	-0.1	-306.0	-0.3	-3.0	0.0	-412.0
B349	362	GEO_Eqn_6.12b_nls16	11769.75	-0.1	-295.0	-0.3	-3.0	0.1	-276.0
B349	362	GEO_Eqn_6.12b_nls16	11769.75	0.1	-279.0	0.3	7.0	0.1	-276.0
B349	362	GEO_Eqn_6.12b_nls16	12222.44	0.1	-268.0	0.3	7.0	0.0	-152.0
B349	362	GEO_Eqn_6.12b_nls16	12675.12	0.1	-257.0	0.3	7.0	-0.1	-33.0
B349	362	GEO_Eqn_6.12b_nls16	12675.12	0.0	-158.0	-0.4	32.0	-0.2	-31.0
B349	362	GEO_Eqn_6.12b_nls16	13127.8	0.0	-147.0	-0.4	32.0	0.0	38.0
B349	362	GEO_Eqn_6.12b_nls16	13580.49	0.0	-136.0	-0.5	32.0	0.2	102.0
B349	362	GEO_Eqn_6.12b_nls16	13580.49	0.0	-96.0	0.5	55.0	0.2	105.0
B349	362	GEO_Eqn_6.12b_nls16	14033.17	0.0	-85.0	0.5	55.0	0.0	146.0
B349	362	GEO_Eqn_6.12b_nls16	14485.85	0.0	-74.0	0.4	55.0	-0.2	182.0
B349	362	GEO_Eqn_6.12b_nls16	14485.85	-0.1	21.0	-0.2	72.0	-0.1	182.0
B349	362	GEO_Eqn_6.12b_nls16	14938.53	-0.1	32.0	-0.2	72.0	0.0	169.0
B349	362	GEO_Eqn_6.12b_nls16	15391.22	-0.1	43.0	-0.2	72.0	0.1	152.0
B349	362	GEO_Eqn_6.12b_nls16	15391.22	0.1	61.0	0.3	79.0	0.1	152.0
B349	362	GEO_Eqn_6.12b_nls16	15843.9	0.1	72.0	0.2	79.0	0.0	122.0
B349	362	GEO_Eqn_6.12b_nls16	16296.58	0.1	83.0	0.2	79.0	-0.1	87.0
B16	839	GEO_Eqn_6.12b_nls01	0	0.0	-20.0	0.0	0.1	0.0	-6.0
B16	839	GEO_Eqn_6.12b_nls01	492.31	0.0	-17.0	0.0	0.1	0.0	3.0
B16	839	GEO_Eqn_6.12b_nls01	984.62	0.0	-14.0	0.0	0.1	0.0	10.0
B16	839	GEO_Eqn_6.12b_nls01	1476.92	0.0	-10.0	0.0	0.1	0.0	16.0
B16	839	GEO_Eqn_6.12b_nls01	1969.23	0.0	-7.0	0.0	0.1	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls01	2461.54	0.0	-4.0	0.0	0.1	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls01	2953.85	0.0	-1.0	0.0	0.1	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls01	3446.15	0.0	2.0	0.0	0.1	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls01	3938.46	0.0	5.0	0.0	0.1	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls01	4430.77	0.0	8.0	0.0	0.1	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls01	4923.08	0.0	11.0	0.0	0.1	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls01	5415.38	0.0	14.0	0.0	0.1	0.0	9.0
B16	839	GEO_Eqn_6.12b_nls01	5907.69	0.0	17.0	0.0	0.1	0.0	1.0
B16	839	GEO_Eqn_6.12b_nls01	6400	0.0	20.0	0.0	0.1	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls02	0	0.0	-21.0	0.0	0.1	0.0	-12.0
B16	839	GEO_Eqn_6.12b_nls02	492.31	0.0	-18.0	0.0	0.1	0.0	-2.0
B16	839	GEO_Eqn_6.12b_nls02	984.62	0.0	-15.0	0.0	0.1	0.0	6.0
B16	839	GEO_Eqn_6.12b_nls02	1476.92	0.0	-12.0	0.0	0.1	0.0	12.0
B16	839	GEO_Eqn_6.12b_nls02	1969.23	0.0	-9.0	0.0	0.1	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls02	2461.54	0.0	-6.0	0.0	0.1	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls02	2953.85	0.0	-3.0	0.0	0.1	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls02	3446.15	0.0	1.0	0.0	0.1	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls02	3938.46	0.0	4.0	0.0	0.1	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls02	4430.77	0.0	7.0	0.0	0.1	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls02	4923.08	0.0	10.0	0.0	0.1	0.0	16.0
B16	839	GEO_Eqn_6.12b_nls02	5415.38	0.0	13.0	0.0	0.1	0.0	10.0
B16	839	GEO_Eqn_6.12b_nls02	5907.69	0.0	16.0	0.0	0.1	0.0	3.0
B16	839	GEO_Eqn_6.12b_nls02	6400	0.0	19.0	0.0	0.1	0.0	-5.0
B16	839	GEO_Eqn_6.12b_nls03	0	0.0	-20.0	0.0	0.0	0.0	-7.0
B16	839	GEO_Eqn_6.12b_nls03	492.31	0.0	-17.0	0.0	0.0	0.0	2.0
B16	839	GEO_Eqn_6.12b_nls03	984.62	0.0	-14.0	0.0	0.0	0.0	10.0
B16	839	GEO_Eqn_6.12b_nls03	1476.92	0.0	-11.0	0.0	0.0	0.0	16.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B16	839	GEO_Eqn_6.12b_nls03	1969.23	0.0	-7.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls03	2461.54	0.0	-4.0	0.0	0.0	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls03	2953.85	0.0	-1.0	0.0	0.0	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls03	3446.15	0.0	2.0	0.0	0.0	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls03	3938.46	0.0	5.0	0.0	0.0	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls03	4430.77	0.0	8.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls03	4923.08	0.0	11.0	0.0	0.0	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls03	5415.38	0.0	14.0	0.0	0.0	0.0	9.0
B16	839	GEO_Eqn_6.12b_nls03	5907.69	0.0	17.0	0.0	0.0	0.0	1.0
B16	839	GEO_Eqn_6.12b_nls03	6400	0.0	20.0	0.0	0.0	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls04	0	0.0	-23.0	0.0	0.0	0.0	-18.0
B16	839	GEO_Eqn_6.12b_nls04	492.31	0.0	-19.0	0.0	0.0	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls04	984.62	0.0	-16.0	0.0	0.0	0.0	1.0
B16	839	GEO_Eqn_6.12b_nls04	1476.92	0.0	-13.0	0.0	0.0	0.0	8.0
B16	839	GEO_Eqn_6.12b_nls04	1969.23	0.0	-10.0	0.0	0.0	0.0	14.0
B16	839	GEO_Eqn_6.12b_nls04	2461.54	0.0	-7.0	0.0	0.0	0.0	18.0
B16	839	GEO_Eqn_6.12b_nls04	2953.85	0.0	-4.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls04	3446.15	0.0	-1.0	0.0	0.0	0.0	22.0
B16	839	GEO_Eqn_6.12b_nls04	3938.46	0.0	2.0	0.0	0.0	0.0	22.0
B16	839	GEO_Eqn_6.12b_nls04	4430.77	0.0	5.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls04	4923.08	0.0	8.0	0.0	0.0	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls04	5415.38	0.0	11.0	0.0	0.0	0.0	12.0
B16	839	GEO_Eqn_6.12b_nls04	5907.69	0.0	14.0	0.0	0.0	0.0	6.0
B16	839	GEO_Eqn_6.12b_nls04	6400	0.0	17.0	0.0	0.0	0.0	-2.0
B16	839	GEO_Eqn_6.12b_nls05	0	0.0	-20.0	0.0	0.1	0.0	-6.0
B16	839	GEO_Eqn_6.12b_nls05	492.31	0.0	-17.0	0.0	0.1	0.0	3.0
B16	839	GEO_Eqn_6.12b_nls05	984.62	0.0	-14.0	0.0	0.1	0.0	10.0
B16	839	GEO_Eqn_6.12b_nls05	1476.92	0.0	-10.0	0.0	0.1	0.0	16.0
B16	839	GEO_Eqn_6.12b_nls05	1969.23	0.0	-7.0	0.0	0.1	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls05	2461.54	0.0	-4.0	0.0	0.1	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls05	2953.85	0.0	-1.0	0.0	0.1	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls05	3446.15	0.0	2.0	0.0	0.1	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls05	3938.46	0.0	5.0	0.0	0.1	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls05	4430.77	0.0	8.0	0.0	0.1	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls05	4923.08	0.0	11.0	0.0	0.1	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls05	5415.38	0.0	14.0	0.0	0.1	0.0	9.0
B16	839	GEO_Eqn_6.12b_nls05	5907.69	0.0	17.0	0.0	0.1	0.0	1.0
B16	839	GEO_Eqn_6.12b_nls05	6400	0.0	20.0	0.0	0.1	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls06	0	0.0	-22.0	0.0	0.0	0.0	-18.0
B16	839	GEO_Eqn_6.12b_nls06	492.31	0.0	-19.0	0.0	0.0	0.0	-7.0
B16	839	GEO_Eqn_6.12b_nls06	984.62	0.0	-16.0	0.0	0.0	0.0	1.0
B16	839	GEO_Eqn_6.12b_nls06	1476.92	0.0	-13.0	0.0	0.0	0.0	9.0
B16	839	GEO_Eqn_6.12b_nls06	1969.23	0.0	-10.0	0.0	0.0	0.0	14.0
B16	839	GEO_Eqn_6.12b_nls06	2461.54	0.0	-7.0	0.0	0.0	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls06	2953.85	0.0	-4.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls06	3446.15	0.0	-1.0	0.0	0.0	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls06	3938.46	0.0	2.0	0.0	0.0	0.0	22.0
B16	839	GEO_Eqn_6.12b_nls06	4430.77	0.0	5.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls06	4923.08	0.0	8.0	0.0	0.0	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls06	5415.38	0.0	11.0	0.0	0.0	0.0	12.0
B16	839	GEO_Eqn_6.12b_nls06	5907.69	0.0	15.0	0.0	0.0	0.0	6.0
B16	839	GEO_Eqn_6.12b_nls06	6400	0.0	18.0	0.0	0.0	0.0	-2.0
B16	839	GEO_Eqn_6.12b_nls07	0	0.0	-20.0	0.0	0.0	0.0	-7.0
B16	839	GEO_Eqn_6.12b_nls07	492.31	0.0	-17.0	0.0	0.0	0.0	2.0
B16	839	GEO_Eqn_6.12b_nls07	984.62	0.0	-14.0	0.0	0.0	0.0	9.0
B16	839	GEO_Eqn_6.12b_nls07	1476.92	0.0	-11.0	0.0	0.0	0.0	15.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B16	839	GEO_Eqn_6.12b_nls07	1969.23	0.0	-8.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls07	2461.54	0.0	-5.0	0.0	0.0	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls07	2953.85	0.0	-2.0	0.0	0.0	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls07	3446.15	0.0	2.0	0.0	0.0	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls07	3938.46	0.0	5.0	0.0	0.0	0.0	23.0
B16	839	GEO_Eqn_6.12b_nls07	4430.77	0.0	8.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls07	4923.08	0.0	11.0	0.0	0.0	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls07	5415.38	0.0	14.0	0.0	0.0	0.0	9.0
B16	839	GEO_Eqn_6.12b_nls07	5907.69	0.0	17.0	0.0	0.0	0.0	2.0
B16	839	GEO_Eqn_6.12b_nls07	6400	0.0	20.0	0.0	0.0	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls08	0	0.0	-23.0	0.0	0.0	0.0	-19.0
B16	839	GEO_Eqn_6.12b_nls08	492.31	0.0	-20.0	0.0	0.0	0.0	-9.0
B16	839	GEO_Eqn_6.12b_nls08	984.62	0.0	-17.0	0.0	0.0	0.0	0.3
B16	839	GEO_Eqn_6.12b_nls08	1476.92	0.0	-13.0	0.0	0.0	0.0	8.0
B16	839	GEO_Eqn_6.12b_nls08	1969.23	0.0	-10.0	0.0	0.0	0.0	14.0
B16	839	GEO_Eqn_6.12b_nls08	2461.54	0.0	-7.0	0.0	0.0	0.0	18.0
B16	839	GEO_Eqn_6.12b_nls08	2953.85	0.0	-4.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls08	3446.15	0.0	-1.0	0.0	0.0	0.0	22.0
B16	839	GEO_Eqn_6.12b_nls08	3938.46	0.0	2.0	0.0	0.0	0.0	22.0
B16	839	GEO_Eqn_6.12b_nls08	4430.77	0.0	5.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls08	4923.08	0.0	8.0	0.0	0.0	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls08	5415.38	0.0	11.0	0.0	0.0	0.0	12.0
B16	839	GEO_Eqn_6.12b_nls08	5907.69	0.0	14.0	0.0	0.0	0.0	6.0
B16	839	GEO_Eqn_6.12b_nls08	6400	0.0	17.0	0.0	0.0	0.0	-2.0
B16	839	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	0.0	0.0	8.0
B16	839	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	0.0	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	0.0	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls09	1969.23	0.0	-4.0	0.0	0.0	0.0	28.0
B16	839	GEO_Eqn_6.12b_nls09	2461.54	0.0	-1.0	0.0	0.0	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls09	2953.85	0.0	2.0	0.0	0.0	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls09	3446.15	0.0	5.0	0.0	0.0	0.0	27.0
B16	839	GEO_Eqn_6.12b_nls09	3938.46	0.0	8.0	0.0	0.0	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls09	4430.77	0.0	11.0	0.0	0.0	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls09	4923.08	0.0	15.0	0.0	0.0	0.0	12.0
B16	839	GEO_Eqn_6.12b_nls09	5415.38	0.0	18.0	0.0	0.0	0.0	5.0
B16	839	GEO_Eqn_6.12b_nls09	5907.69	0.0	21.0	0.0	0.0	0.0	-5.0
B16	839	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	0.0	0.0	-16.0
B16	839	GEO_Eqn_6.12b_nls10	0	0.0	-16.0	0.0	0.0	0.0	9.0
B16	839	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	0.0	0.0	16.0
B16	839	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	0.0	0.0	22.0
B16	839	GEO_Eqn_6.12b_nls10	1476.92	0.0	-7.0	0.0	0.0	0.0	26.0
B16	839	GEO_Eqn_6.12b_nls10	1969.23	0.0	-4.0	0.0	0.0	0.0	28.0
B16	839	GEO_Eqn_6.12b_nls10	2461.54	0.0	-1.0	0.0	0.0	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls10	2953.85	0.0	2.0	0.0	0.0	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls10	3446.15	0.0	5.0	0.0	0.0	0.0	27.0
B16	839	GEO_Eqn_6.12b_nls10	3938.46	0.0	9.0	0.0	0.0	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls10	4430.77	0.0	12.0	0.0	0.0	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls10	4923.08	0.0	15.0	0.0	0.0	0.0	12.0
B16	839	GEO_Eqn_6.12b_nls10	5415.38	0.0	18.0	0.0	0.0	0.0	4.0
B16	839	GEO_Eqn_6.12b_nls10	5907.69	0.0	21.0	0.0	0.0	0.0	-5.0
B16	839	GEO_Eqn_6.12b_nls10	6400	0.0	24.0	0.0	0.0	0.0	-16.0
B16	839	GEO_Eqn_6.12b_nls11	0	0.0	-25.0	0.0	0.0	0.0	-30.0
B16	839	GEO_Eqn_6.12b_nls11	492.31	0.0	-22.0	0.0	0.0	0.0	-19.0
B16	839	GEO_Eqn_6.12b_nls11	984.62	0.0	-19.0	0.0	0.0	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls11	1476.92	0.0	-16.0	0.0	0.0	0.0	0.2

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B16	839	GEO_Eqn_6.12b_nls11	1969.23	0.0	-13.0	0.0	0.0	0.0	7.0
B16	839	GEO_Eqn_6.12b_nls11	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0
B16	839	GEO_Eqn_6.12b_nls11	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls11	3446.15	0.0	-4.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls11	3938.46	0.0	-1.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls11	4430.77	0.0	2.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls11	4923.08	0.0	5.0	0.0	0.0	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls11	5415.38	0.0	9.0	0.0	0.0	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls11	5907.69	0.0	12.0	0.0	0.0	0.0	10.0
B16	839	GEO_Eqn_6.12b_nls11	6400	0.0	15.0	0.0	0.0	0.0	4.0
B16	839	GEO_Eqn_6.12b_nls12	0	0.0	-25.0	0.0	0.0	0.0	-31.0
B16	839	GEO_Eqn_6.12b_nls12	492.31	0.0	-22.0	0.0	0.0	0.0	-19.0
B16	839	GEO_Eqn_6.12b_nls12	984.62	0.0	-19.0	0.0	0.0	0.0	-9.0
B16	839	GEO_Eqn_6.12b_nls12	1476.92	0.0	-16.0	0.0	0.0	0.0	-0.2
B16	839	GEO_Eqn_6.12b_nls12	1969.23	0.0	-13.0	0.0	0.0	0.0	7.0
B16	839	GEO_Eqn_6.12b_nls12	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0
B16	839	GEO_Eqn_6.12b_nls12	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls12	3446.15	0.0	-4.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls12	3938.46	0.0	-1.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls12	4430.77	0.0	2.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls12	4923.08	0.0	5.0	0.0	0.0	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls12	5415.38	0.0	8.0	0.0	0.0	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls12	5907.69	0.0	11.0	0.0	0.0	0.0	10.0
B16	839	GEO_Eqn_6.12b_nls12	6400	0.0	15.0	0.0	0.0	0.0	4.0
B16	839	GEO_Eqn_6.12b_nls13	0	0.0	-16.0	0.0	0.1	0.0	8.0
B16	839	GEO_Eqn_6.12b_nls13	492.31	0.0	-13.0	0.0	0.1	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls13	984.62	0.0	-10.0	0.0	0.1	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls13	1476.92	0.0	-7.0	0.0	0.1	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls13	1969.23	0.0	-4.0	0.0	0.1	0.0	28.0
B16	839	GEO_Eqn_6.12b_nls13	2461.54	0.0	-1.0	0.0	0.1	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls13	2953.85	0.0	2.0	0.0	0.1	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls13	3446.15	0.0	5.0	0.0	0.1	0.0	27.0
B16	839	GEO_Eqn_6.12b_nls13	3938.46	0.0	8.0	0.0	0.1	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls13	4430.77	0.0	11.0	0.0	0.1	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls13	4923.08	0.0	14.0	0.0	0.1	0.0	12.0
B16	839	GEO_Eqn_6.12b_nls13	5415.38	0.0	18.0	0.0	0.1	0.0	4.0
B16	839	GEO_Eqn_6.12b_nls13	5907.69	0.0	21.0	0.0	0.1	0.0	-5.0
B16	839	GEO_Eqn_6.12b_nls13	6400	0.0	24.0	0.0	0.1	0.0	-16.0
B16	839	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	0.1	0.0	7.0
B16	839	GEO_Eqn_6.12b_nls14	492.31	0.0	-13.0	0.0	0.1	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls14	984.62	0.0	-10.0	0.0	0.1	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls14	1476.92	0.0	-7.0	0.0	0.1	0.0	25.0
B16	839	GEO_Eqn_6.12b_nls14	1969.23	0.0	-4.0	0.0	0.1	0.0	28.0
B16	839	GEO_Eqn_6.12b_nls14	2461.54	0.0	-1.0	0.0	0.1	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls14	2953.85	0.0	2.0	0.0	0.1	0.0	29.0
B16	839	GEO_Eqn_6.12b_nls14	3446.15	0.0	5.0	0.0	0.1	0.0	27.0
B16	839	GEO_Eqn_6.12b_nls14	3938.46	0.0	8.0	0.0	0.1	0.0	24.0
B16	839	GEO_Eqn_6.12b_nls14	4430.77	0.0	11.0	0.0	0.1	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls14	4923.08	0.0	14.0	0.0	0.1	0.0	13.0
B16	839	GEO_Eqn_6.12b_nls14	5415.38	0.0	17.0	0.0	0.1	0.0	5.0
B16	839	GEO_Eqn_6.12b_nls14	5907.69	0.0	20.0	0.0	0.1	0.0	-4.0
B16	839	GEO_Eqn_6.12b_nls14	6400	0.0	23.0	0.0	0.1	0.0	-15.0
B16	839	GEO_Eqn_6.12b_nls15	0	0.0	-25.0	0.0	0.0	0.0	-30.0
B16	839	GEO_Eqn_6.12b_nls15	492.31	0.0	-22.0	0.0	0.0	0.0	-19.0
B16	839	GEO_Eqn_6.12b_nls15	984.62	0.0	-19.0	0.0	0.0	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls15	1476.92	0.0	-16.0	0.0	0.0	0.0	0.3

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B16	839	GEO_Eqn_6.12b_nls15	1969.23	0.0	-13.0	0.0	0.0	0.0	7.0
B16	839	GEO_Eqn_6.12b_nls15	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0
B16	839	GEO_Eqn_6.12b_nls15	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls15	3446.15	0.0	-4.0	0.0	0.0	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls15	3938.46	0.0	-1.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls15	4430.77	0.0	2.0	0.0	0.0	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls15	4923.08	0.0	5.0	0.0	0.0	0.0	19.0
B16	839	GEO_Eqn_6.12b_nls15	5415.38	0.0	8.0	0.0	0.0	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls15	5907.69	0.0	12.0	0.0	0.0	0.0	11.0
B16	839	GEO_Eqn_6.12b_nls15	6400	0.0	15.0	0.0	0.0	0.0	4.0
B16	839	GEO_Eqn_6.12b_nls16	0	0.0	-25.0	0.0	-0.1	0.0	-30.0
B16	839	GEO_Eqn_6.12b_nls16	492.31	0.0	-22.0	0.0	-0.1	0.0	-19.0
B16	839	GEO_Eqn_6.12b_nls16	984.62	0.0	-19.0	0.0	-0.1	0.0	-8.0
B16	839	GEO_Eqn_6.12b_nls16	1476.92	0.0	-16.0	0.0	-0.1	0.0	0.3
B16	839	GEO_Eqn_6.12b_nls16	1969.23	0.0	-13.0	0.0	-0.1	0.0	7.0
B16	839	GEO_Eqn_6.12b_nls16	2461.54	0.0	-10.0	0.0	-0.1	0.0	13.0
B16	839	GEO_Eqn_6.12b_nls16	2953.85	0.0	-7.0	0.0	-0.1	0.0	17.0
B16	839	GEO_Eqn_6.12b_nls16	3446.15	0.0	-4.0	0.0	-0.1	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls16	3938.46	0.0	-1.0	0.0	-0.1	0.0	21.0
B16	839	GEO_Eqn_6.12b_nls16	4430.77	0.0	2.0	0.0	-0.1	0.0	20.0
B16	839	GEO_Eqn_6.12b_nls16	4923.08	0.0	6.0	0.0	-0.1	0.0	18.0
B16	839	GEO_Eqn_6.12b_nls16	5415.38	0.0	9.0	0.0	-0.1	0.0	15.0
B16	839	GEO_Eqn_6.12b_nls16	5907.69	0.0	12.0	0.0	-0.1	0.0	10.0
B16	839	GEO_Eqn_6.12b_nls16	6400	0.0	15.0	0.0	-0.1	0.0	4.0
B346	93	GEO_Eqn_6.12b_nls01	0	-2.0	-22.0	0.3	86.0	0.3	62.0
B346	93	GEO_Eqn_6.12b_nls01	366.67	-2.0	-18.0	0.3	86.0	0.2	69.0
B346	93	GEO_Eqn_6.12b_nls01	733.33	-2.0	-14.0	0.3	86.0	0.1	75.0
B346	93	GEO_Eqn_6.12b_nls01	1100	-2.0	-10.0	0.3	86.0	0.0	80.0
B346	93	GEO_Eqn_6.12b_nls01	1100	-1.0	17.0	0.2	105.0	0.1	80.0
B346	93	GEO_Eqn_6.12b_nls01	1466.66	-1.0	21.0	0.2	105.0	0.1	73.0
B346	93	GEO_Eqn_6.12b_nls01	1833.33	-1.0	25.0	0.2	105.0	0.0	64.0
B346	93	GEO_Eqn_6.12b_nls01	2199.99	-1.0	29.0	0.2	105.0	-0.1	54.0
B346	93	GEO_Eqn_6.12b_nls01	2199.99	1.0	68.0	1.0	128.0	-0.1	54.0
B346	93	GEO_Eqn_6.12b_nls01	2566.66	1.0	72.0	1.0	128.0	-0.3	29.0
B346	93	GEO_Eqn_6.12b_nls01	2933.32	1.0	76.0	1.0	128.0	-1.0	1.0
B346	93	GEO_Eqn_6.12b_nls01	3299.99	1.0	80.0	1.0	128.0	-1.0	-27.0
B346	93	GEO_Eqn_6.12b_nls01	3299.99	2.0	108.0	-2.0	145.0	-1.0	-28.0
B346	93	GEO_Eqn_6.12b_nls01	3666.65	2.0	112.0	-2.0	145.0	-0.1	-68.0
B346	93	GEO_Eqn_6.12b_nls01	4033.32	2.0	115.0	-2.0	145.0	1.0	-110.0
B346	93	GEO_Eqn_6.12b_nls01	4399.98	2.0	119.0	-2.0	145.0	1.0	-153.0
B346	93	GEO_Eqn_6.12b_nls01	4399.98	0.0	-9.0	0.0	146.0	0.0	-37.0
B346	93	GEO_Eqn_6.12b_nls01	4699.98	0.0	-6.0	0.0	146.0	0.0	-35.0
B346	93	GEO_Eqn_6.12b_nls01	4999.98	0.0	-3.0	0.0	146.0	0.0	-34.0
B346	93	GEO_Eqn_6.12b_nls01	4999.98	10.0	-146.0	2.0	-14.0	3.0	-126.0
B346	93	GEO_Eqn_6.12b_nls01	5287.48	10.0	-143.0	2.0	-14.0	2.0	-84.0
B346	93	GEO_Eqn_6.12b_nls01	5574.98	10.0	-140.0	2.0	-14.0	1.0	-44.0
B346	93	GEO_Eqn_6.12b_nls01	5574.98	14.0	-66.0	2.0	-14.0	-1.0	-30.0
B346	93	GEO_Eqn_6.12b_nls01	5862.48	14.0	-63.0	2.0	-14.0	-2.0	-11.0
B346	93	GEO_Eqn_6.12b_nls01	6149.98	14.0	-60.0	2.0	-14.0	-2.0	6.0
B346	93	GEO_Eqn_6.12b_nls01	6149.98	-2.0	-33.0	-2.0	-11.0	-2.0	7.0
B346	93	GEO_Eqn_6.12b_nls01	6437.48	-2.0	-30.0	-2.0	-11.0	-2.0	16.0
B346	93	GEO_Eqn_6.12b_nls01	6724.98	-2.0	-27.0	-2.0	-11.0	-1.0	24.0
B346	93	GEO_Eqn_6.12b_nls01	6724.98	-22.0	-68.0	-2.0	-11.0	1.0	31.0
B346	93	GEO_Eqn_6.12b_nls01	7012.48	-22.0	-65.0	-2.0	-11.0	2.0	50.0
B346	93	GEO_Eqn_6.12b_nls01	7299.98	-22.0	-62.0	-2.0	-11.0	3.0	69.0
B346	93	GEO_Eqn_6.12b_nls01	7299.98	0.0	-60.0	0.0	-3.0	0.0	75.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls01	7562.48	0.0	-57.0	0.0	-3.0	0.0	91.0
B346	93	GEO_Eqn_6.12b_nls01	7824.98	0.0	-55.0	0.0	-3.0	0.0	106.0
B346	93	GEO_Eqn_6.12b_nls01	7824.98	1.0	86.0	-0.2	8.0	-0.1	114.0
B346	93	GEO_Eqn_6.12b_nls01	8262.48	1.0	91.0	-0.2	8.0	0.0	75.0
B346	93	GEO_Eqn_6.12b_nls01	8699.98	1.0	95.0	-0.2	8.0	0.1	34.0
B346	93	GEO_Eqn_6.12b_nls01	8699.98	-1.0	118.0	0.0	20.0	0.0	34.0
B346	93	GEO_Eqn_6.12b_nls01	9137.48	-1.0	123.0	0.0	20.0	0.0	-19.0
B346	93	GEO_Eqn_6.12b_nls01	9574.98	-1.0	127.0	0.0	20.0	0.0	-74.0
B346	93	GEO_Eqn_6.12b_nls01	9574.98	22.0	4.0	0.2	23.0	0.0	-68.0
B346	93	GEO_Eqn_6.12b_nls01	9987.48	22.0	8.0	0.2	23.0	0.0	-70.0
B346	93	GEO_Eqn_6.12b_nls01	9987.48	-22.0	52.0	-0.2	23.0	-0.1	-70.0
B346	93	GEO_Eqn_6.12b_nls01	10399.98	-22.0	57.0	-0.2	23.0	0.0	-93.0
B346	93	GEO_Eqn_6.12b_nls01	10399.98	16.0	-401.0	0.1	-19.0	0.0	-73.0
B346	93	GEO_Eqn_6.12b_nls01	10787.48	16.0	-397.0	0.1	-19.0	0.0	82.0
B346	93	GEO_Eqn_6.12b_nls01	10787.48	-16.0	-202.0	-0.1	-19.0	0.0	150.0
B346	93	GEO_Eqn_6.12b_nls01	11174.98	-16.0	-198.0	-0.1	-19.0	0.0	228.0
B346	93	GEO_Eqn_6.12b_nls01	11174.98	-0.2	63.0	-0.2	-17.0	0.0	246.0
B346	93	GEO_Eqn_6.12b_nls01	11560.4	-0.2	67.0	-0.2	-17.0	0.1	221.0
B346	93	GEO_Eqn_6.12b_nls01	11945.81	-0.2	71.0	-0.2	-17.0	0.2	194.0
B346	93	GEO_Eqn_6.12b_nls01	12331.23	-0.2	75.0	-0.2	-17.0	0.2	166.0
B346	93	GEO_Eqn_6.12b_nls01	12331.23	0.0	106.0	0.0	-2.0	0.3	167.0
B346	93	GEO_Eqn_6.12b_nls01	12716.65	0.0	110.0	0.0	-2.0	0.3	125.0
B346	93	GEO_Eqn_6.12b_nls01	13102.06	0.0	114.0	0.0	-2.0	0.3	81.0
B346	93	GEO_Eqn_6.12b_nls01	13487.48	0.0	118.0	0.0	-2.0	0.3	37.0
B346	93	GEO_Eqn_6.12b_nls01	13487.48	0.3	154.0	1.0	17.0	0.1	36.0
B346	93	GEO_Eqn_6.12b_nls01	13872.9	0.3	158.0	1.0	17.0	-0.4	-24.0
B346	93	GEO_Eqn_6.12b_nls01	14258.31	0.3	162.0	1.0	17.0	-1.0	-86.0
B346	93	GEO_Eqn_6.12b_nls01	14643.73	0.3	166.0	1.0	17.0	-2.0	-149.0
B346	93	GEO_Eqn_6.12b_nls01	14643.73	0.0	184.0	-3.0	28.0	-1.0	-150.0
B346	93	GEO_Eqn_6.12b_nls01	15029.15	0.0	188.0	-3.0	28.0	-0.3	-222.0
B346	93	GEO_Eqn_6.12b_nls01	15414.56	0.0	192.0	-3.0	28.0	1.0	-295.0
B346	93	GEO_Eqn_6.12b_nls01	15799.98	0.0	196.0	-3.0	28.0	2.0	-370.0
B346	93	GEO_Eqn_6.12b_nls01	15799.98	151.0	-266.0	3.0	-24.0	3.0	-263.0
B346	93	GEO_Eqn_6.12b_nls01	16087.48	151.0	-263.0	3.0	-24.0	2.0	-187.0
B346	93	GEO_Eqn_6.12b_nls01	16374.98	151.0	-260.0	3.0	-24.0	1.0	-111.0
B346	93	GEO_Eqn_6.12b_nls01	16374.98	82.0	-123.0	2.0	-24.0	-2.0	-81.0
B346	93	GEO_Eqn_6.12b_nls01	16662.48	82.0	-120.0	2.0	-24.0	-2.0	-46.0
B346	93	GEO_Eqn_6.12b_nls01	16949.98	82.0	-117.0	2.0	-24.0	-3.0	-12.0
B346	93	GEO_Eqn_6.12b_nls01	16949.98	15.0	-22.0	-1.0	-19.0	-2.0	-8.0
B346	93	GEO_Eqn_6.12b_nls01	17237.48	15.0	-19.0	-1.0	-19.0	-2.0	-2.0
B346	93	GEO_Eqn_6.12b_nls01	17524.98	15.0	-16.0	-1.0	-19.0	-1.0	3.0
B346	93	GEO_Eqn_6.12b_nls01	17524.98	-21.0	-29.0	-1.0	-19.0	0.1	8.0
B346	93	GEO_Eqn_6.12b_nls01	17812.48	-21.0	-26.0	-1.0	-19.0	0.5	17.0
B346	93	GEO_Eqn_6.12b_nls01	18099.98	-21.0	-23.0	-1.0	-19.0	1.0	24.0
B346	93	GEO_Eqn_6.12b_nls01	18099.98	-81.0	-66.0	1.0	-5.0	2.0	31.0
B346	93	GEO_Eqn_6.12b_nls01	18387.48	-81.0	-63.0	1.0	-5.0	1.0	49.0
B346	93	GEO_Eqn_6.12b_nls01	18674.98	-81.0	-60.0	1.0	-5.0	1.0	67.0
B346	93	GEO_Eqn_6.12b_nls01	18674.98	-146.0	-80.0	1.0	-6.0	0.2	80.0
B346	93	GEO_Eqn_6.12b_nls01	18962.48	-146.0	-77.0	1.0	-6.0	0.0	102.0
B346	93	GEO_Eqn_6.12b_nls01	19249.98	-146.0	-74.0	1.0	-6.0	-0.2	124.0
B346	93	GEO_Eqn_6.12b_nls01	19249.98	4.0	98.0	-3.0	5.0	-1.0	135.0
B346	93	GEO_Eqn_6.12b_nls01	19574.98	4.0	102.0	-3.0	5.0	0.1	103.0
B346	93	GEO_Eqn_6.12b_nls01	19899.98	4.0	105.0	-3.0	5.0	1.0	69.0
B346	93	GEO_Eqn_6.12b_nls01	19899.98	-4.0	116.0	2.0	11.0	1.0	68.0
B346	93	GEO_Eqn_6.12b_nls01	20224.98	-4.0	119.0	2.0	11.0	-0.1	29.0
B346	93	GEO_Eqn_6.12b_nls01	20549.98	-4.0	123.0	2.0	11.0	-1.0	-10.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls01	20549.98	-0.2	17.0	0.1	11.0	0.0	-8.0
B346	93	GEO_Eqn_6.12b_nls01	20874.98	-0.2	21.0	0.1	11.0	0.0	-14.0
B346	93	GEO_Eqn_6.12b_nls01	20874.98	0.2	79.0	-0.1	11.0	0.0	-23.0
B346	93	GEO_Eqn_6.12b_nls01	21199.98	0.2	82.0	-0.1	11.0	0.0	-50.0
B346	93	GEO_Eqn_6.12b_nls02	0	-2.0	-29.0	0.4	96.0	0.4	46.0
B346	93	GEO_Eqn_6.12b_nls02	366.67	-2.0	-25.0	0.4	96.0	0.3	56.0
B346	93	GEO_Eqn_6.12b_nls02	733.33	-2.0	-22.0	0.4	96.0	0.2	65.0
B346	93	GEO_Eqn_6.12b_nls02	1100	-2.0	-18.0	0.4	96.0	0.0	72.0
B346	93	GEO_Eqn_6.12b_nls02	1100	-1.0	10.0	0.2	115.0	0.1	72.0
B346	93	GEO_Eqn_6.12b_nls02	1466.66	-1.0	14.0	0.2	115.0	0.0	67.0
B346	93	GEO_Eqn_6.12b_nls02	1833.33	-1.0	18.0	0.2	115.0	0.0	61.0
B346	93	GEO_Eqn_6.12b_nls02	2199.99	-1.0	22.0	0.2	115.0	-0.1	54.0
B346	93	GEO_Eqn_6.12b_nls02	2199.99	1.0	61.0	1.0	138.0	-0.1	54.0
B346	93	GEO_Eqn_6.12b_nls02	2566.66	1.0	65.0	1.0	138.0	-0.4	31.0
B346	93	GEO_Eqn_6.12b_nls02	2933.32	1.0	69.0	1.0	138.0	-1.0	7.0
B346	93	GEO_Eqn_6.12b_nls02	3299.99	1.0	73.0	1.0	138.0	-1.0	-19.0
B346	93	GEO_Eqn_6.12b_nls02	3299.99	2.0	100.0	-2.0	154.0	-1.0	-20.0
B346	93	GEO_Eqn_6.12b_nls02	3666.65	2.0	104.0	-2.0	154.0	-0.1	-57.0
B346	93	GEO_Eqn_6.12b_nls02	4033.32	2.0	108.0	-2.0	154.0	1.0	-96.0
B346	93	GEO_Eqn_6.12b_nls02	4399.98	2.0	111.0	-2.0	154.0	1.0	-136.0
B346	93	GEO_Eqn_6.12b_nls02	4399.98	0.0	1.0	0.0	154.0	0.0	-34.0
B346	93	GEO_Eqn_6.12b_nls02	4699.98	0.0	4.0	0.0	154.0	0.0	-34.0
B346	93	GEO_Eqn_6.12b_nls02	4999.98	0.0	7.0	0.0	154.0	0.0	-36.0
B346	93	GEO_Eqn_6.12b_nls02	4999.98	-19.0	-180.0	2.0	-15.0	3.0	-147.0
B346	93	GEO_Eqn_6.12b_nls02	5287.48	-19.0	-177.0	2.0	-15.0	2.0	-95.0
B346	93	GEO_Eqn_6.12b_nls02	5574.98	-19.0	-174.0	2.0	-15.0	1.0	-45.0
B346	93	GEO_Eqn_6.12b_nls02	5574.98	3.0	-76.0	2.0	-15.0	-1.0	-30.0
B346	93	GEO_Eqn_6.12b_nls02	5862.48	3.0	-73.0	2.0	-15.0	-2.0	-8.0
B346	93	GEO_Eqn_6.12b_nls02	6149.98	3.0	-70.0	2.0	-15.0	-2.0	12.0
B346	93	GEO_Eqn_6.12b_nls02	6149.98	12.0	-31.0	-2.0	-13.0	-3.0	12.0
B346	93	GEO_Eqn_6.12b_nls02	6437.48	12.0	-28.0	-2.0	-13.0	-2.0	20.0
B346	93	GEO_Eqn_6.12b_nls02	6724.98	12.0	-25.0	-2.0	-13.0	-1.0	28.0
B346	93	GEO_Eqn_6.12b_nls02	6724.98	4.0	-61.0	-2.0	-13.0	1.0	33.0
B346	93	GEO_Eqn_6.12b_nls02	7012.48	4.0	-58.0	-2.0	-13.0	2.0	50.0
B346	93	GEO_Eqn_6.12b_nls02	7299.98	4.0	-55.0	-2.0	-13.0	3.0	66.0
B346	93	GEO_Eqn_6.12b_nls02	7299.98	0.0	-55.0	0.0	-5.0	0.0	72.0
B346	93	GEO_Eqn_6.12b_nls02	7562.48	0.0	-52.0	0.0	-5.0	0.0	86.0
B346	93	GEO_Eqn_6.12b_nls02	7824.98	0.0	-50.0	0.0	-5.0	0.0	100.0
B346	93	GEO_Eqn_6.12b_nls02	7824.98	1.0	74.0	0.2	6.0	0.1	107.0
B346	93	GEO_Eqn_6.12b_nls02	8262.48	1.0	79.0	0.2	6.0	0.0	74.0
B346	93	GEO_Eqn_6.12b_nls02	8699.98	1.0	84.0	0.2	6.0	-0.1	38.0
B346	93	GEO_Eqn_6.12b_nls02	8699.98	-1.0	106.0	-0.4	18.0	-0.2	37.0
B346	93	GEO_Eqn_6.12b_nls02	9137.48	-1.0	111.0	-0.4	18.0	0.0	-10.0
B346	93	GEO_Eqn_6.12b_nls02	9574.98	-1.0	116.0	-0.4	18.0	0.1	-60.0
B346	93	GEO_Eqn_6.12b_nls02	9574.98	20.0	17.0	0.3	20.0	0.1	-54.0
B346	93	GEO_Eqn_6.12b_nls02	9987.48	20.0	21.0	0.3	20.0	-0.1	-62.0
B346	93	GEO_Eqn_6.12b_nls02	9987.48	-20.0	94.0	-0.3	20.0	-0.1	-68.0
B346	93	GEO_Eqn_6.12b_nls02	10399.98	-20.0	99.0	-0.3	20.0	0.1	-108.0
B346	93	GEO_Eqn_6.12b_nls02	10399.98	15.0	-420.0	0.1	-18.0	0.0	-92.0
B346	93	GEO_Eqn_6.12b_nls02	10787.48	15.0	-416.0	0.1	-18.0	0.0	71.0
B346	93	GEO_Eqn_6.12b_nls02	10787.48	-15.0	-204.0	-0.1	-18.0	0.0	141.0
B346	93	GEO_Eqn_6.12b_nls02	11174.98	-15.0	-200.0	-0.1	-18.0	0.0	220.0
B346	93	GEO_Eqn_6.12b_nls02	11174.98	-1.0	61.0	0.2	-17.0	0.3	237.0
B346	93	GEO_Eqn_6.12b_nls02	11560.4	-1.0	65.0	0.2	-17.0	0.2	213.0
B346	93	GEO_Eqn_6.12b_nls02	11945.81	-1.0	69.0	0.2	-17.0	0.1	187.0
B346	93	GEO_Eqn_6.12b_nls02	12331.23	-1.0	73.0	0.2	-17.0	0.1	159.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls02	12331.23	-1.0	104.0	-0.1	-2.0	0.2	160.0
B346	93	GEO_Eqn_6.12b_nls02	12716.65	-1.0	108.0	-0.1	-2.0	0.2	119.0
B346	93	GEO_Eqn_6.12b_nls02	13102.06	-1.0	112.0	-0.1	-2.0	0.2	76.0
B346	93	GEO_Eqn_6.12b_nls02	13487.48	-1.0	116.0	-0.1	-2.0	0.3	32.0
B346	93	GEO_Eqn_6.12b_nls02	13487.48	0.1	152.0	2.0	17.0	0.1	32.0
B346	93	GEO_Eqn_6.12b_nls02	13872.9	0.1	156.0	2.0	17.0	-0.4	-27.0
B346	93	GEO_Eqn_6.12b_nls02	14258.31	0.1	160.0	2.0	17.0	-1.0	-88.0
B346	93	GEO_Eqn_6.12b_nls02	14643.73	0.1	164.0	2.0	17.0	-2.0	-151.0
B346	93	GEO_Eqn_6.12b_nls02	14643.73	1.0	182.0	-3.0	28.0	-1.0	-152.0
B346	93	GEO_Eqn_6.12b_nls02	15029.15	1.0	186.0	-3.0	28.0	-0.2	-223.0
B346	93	GEO_Eqn_6.12b_nls02	15414.56	1.0	190.0	-3.0	28.0	1.0	-295.0
B346	93	GEO_Eqn_6.12b_nls02	15799.98	1.0	194.0	-3.0	28.0	2.0	-369.0
B346	93	GEO_Eqn_6.12b_nls02	15799.98	56.0	-324.0	3.0	-25.0	4.0	-282.0
B346	93	GEO_Eqn_6.12b_nls02	16087.48	56.0	-321.0	3.0	-25.0	3.0	-189.0
B346	93	GEO_Eqn_6.12b_nls02	16374.98	56.0	-318.0	3.0	-25.0	2.0	-98.0
B346	93	GEO_Eqn_6.12b_nls02	16374.98	29.0	-128.0	2.0	-25.0	-1.0	-66.0
B346	93	GEO_Eqn_6.12b_nls02	16662.48	29.0	-125.0	2.0	-25.0	-2.0	-29.0
B346	93	GEO_Eqn_6.12b_nls02	16949.98	29.0	-122.0	2.0	-25.0	-2.0	7.0
B346	93	GEO_Eqn_6.12b_nls02	16949.98	14.0	-16.0	-1.0	-23.0	-2.0	6.0
B346	93	GEO_Eqn_6.12b_nls02	17237.48	14.0	-13.0	-1.0	-23.0	-2.0	10.0
B346	93	GEO_Eqn_6.12b_nls02	17524.98	14.0	-10.0	-1.0	-23.0	-2.0	14.0
B346	93	GEO_Eqn_6.12b_nls02	17524.98	3.0	-22.0	-1.0	-23.0	-1.0	16.0
B346	93	GEO_Eqn_6.12b_nls02	17812.48	3.0	-19.0	-1.0	-23.0	-1.0	22.0
B346	93	GEO_Eqn_6.12b_nls02	18099.98	3.0	-16.0	-1.0	-23.0	-0.2	27.0
B346	93	GEO_Eqn_6.12b_nls02	18099.98	-29.0	-54.0	-0.2	-11.0	0.3	32.0
B346	93	GEO_Eqn_6.12b_nls02	18387.48	-29.0	-51.0	-0.2	-11.0	0.4	47.0
B346	93	GEO_Eqn_6.12b_nls02	18674.98	-29.0	-48.0	-0.2	-11.0	0.4	61.0
B346	93	GEO_Eqn_6.12b_nls02	18674.98	-73.0	-79.0	-1.0	-12.0	1.0	71.0
B346	93	GEO_Eqn_6.12b_nls02	18962.48	-73.0	-76.0	-1.0	-12.0	1.0	94.0
B346	93	GEO_Eqn_6.12b_nls02	19249.98	-73.0	-73.0	-1.0	-12.0	2.0	115.0
B346	93	GEO_Eqn_6.12b_nls02	19249.98	1.0	55.0	1.0	-2.0	0.4	126.0
B346	93	GEO_Eqn_6.12b_nls02	19574.98	1.0	59.0	1.0	-2.0	0.1	107.0
B346	93	GEO_Eqn_6.12b_nls02	19899.98	1.0	62.0	1.0	-2.0	-0.2	88.0
B346	93	GEO_Eqn_6.12b_nls02	19899.98	-1.0	73.0	-1.0	5.0	-0.5	86.0
B346	93	GEO_Eqn_6.12b_nls02	20224.98	-1.0	76.0	-1.0	5.0	-0.1	62.0
B346	93	GEO_Eqn_6.12b_nls02	20549.98	-1.0	80.0	-1.0	5.0	0.4	36.0
B346	93	GEO_Eqn_6.12b_nls02	20549.98	-5.0	28.0	0.2	3.0	0.0	37.0
B346	93	GEO_Eqn_6.12b_nls02	20874.98	-5.0	31.0	0.2	3.0	0.0	28.0
B346	93	GEO_Eqn_6.12b_nls02	20874.98	5.0	130.0	-0.2	2.0	0.0	9.0
B346	93	GEO_Eqn_6.12b_nls02	21199.98	5.0	134.0	-0.2	2.0	0.0	-33.0
B346	93	GEO_Eqn_6.12b_nls03	0	1.0	-109.0	-1.0	57.0	-1.0	-103.0
B346	93	GEO_Eqn_6.12b_nls03	366.67	1.0	-105.0	-1.0	57.0	-0.4	-64.0
B346	93	GEO_Eqn_6.12b_nls03	733.33	1.0	-101.0	-1.0	57.0	-0.2	-26.0
B346	93	GEO_Eqn_6.12b_nls03	1100	1.0	-97.0	-1.0	57.0	0.1	10.0
B346	93	GEO_Eqn_6.12b_nls03	1100	-0.2	-71.0	-0.3	73.0	-0.1	10.0
B346	93	GEO_Eqn_6.12b_nls03	1466.66	-0.2	-67.0	-0.3	73.0	0.0	36.0
B346	93	GEO_Eqn_6.12b_nls03	1833.33	-0.2	-63.0	-0.3	73.0	0.1	60.0
B346	93	GEO_Eqn_6.12b_nls03	2199.99	-0.2	-59.0	-0.3	73.0	0.2	82.0
B346	93	GEO_Eqn_6.12b_nls03	2199.99	-1.0	-21.0	-1.0	95.0	0.2	83.0
B346	93	GEO_Eqn_6.12b_nls03	2566.66	-1.0	-17.0	-1.0	95.0	0.4	90.0
B346	93	GEO_Eqn_6.12b_nls03	2933.32	-1.0	-13.0	-1.0	95.0	1.0	95.0
B346	93	GEO_Eqn_6.12b_nls03	3299.99	-1.0	-9.0	-1.0	95.0	1.0	99.0
B346	93	GEO_Eqn_6.12b_nls03	3299.99	0.1	16.0	2.0	109.0	1.0	99.0
B346	93	GEO_Eqn_6.12b_nls03	3666.65	0.1	20.0	2.0	109.0	0.0	93.0
B346	93	GEO_Eqn_6.12b_nls03	4033.32	0.1	23.0	2.0	109.0	-1.0	85.0
B346	93	GEO_Eqn_6.12b_nls03	4399.98	0.1	27.0	2.0	109.0	-2.0	75.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls03	4399.98	0.0	72.0	0.0	109.0	0.0	17.0
B346	93	GEO_Eqn_6.12b_nls03	4699.98	0.0	75.0	0.0	109.0	0.0	-5.0
B346	93	GEO_Eqn_6.12b_nls03	4999.98	0.0	78.0	0.0	109.0	0.0	-28.0
B346	93	GEO_Eqn_6.12b_nls03	4999.98	-253.0	-268.0	-1.0	-22.0	-1.0	-180.0
B346	93	GEO_Eqn_6.12b_nls03	5287.48	-253.0	-265.0	-1.0	-22.0	-0.5	-104.0
B346	93	GEO_Eqn_6.12b_nls03	5574.98	-253.0	-262.0	-1.0	-22.0	-0.3	-28.0
B346	93	GEO_Eqn_6.12b_nls03	5574.98	-101.0	-95.0	-1.0	-22.0	1.0	-15.0
B346	93	GEO_Eqn_6.12b_nls03	5862.48	-101.0	-92.0	-1.0	-22.0	1.0	12.0
B346	93	GEO_Eqn_6.12b_nls03	6149.98	-101.0	-89.0	-1.0	-22.0	1.0	38.0
B346	93	GEO_Eqn_6.12b_nls03	6149.98	116.0	16.0	0.2	-19.0	-0.1	27.0
B346	93	GEO_Eqn_6.12b_nls03	6437.48	116.0	19.0	0.2	-19.0	-0.2	23.0
B346	93	GEO_Eqn_6.12b_nls03	6724.98	116.0	22.0	0.2	-19.0	-0.2	17.0
B346	93	GEO_Eqn_6.12b_nls03	6724.98	239.0	64.0	0.0	-19.0	-0.3	4.0
B346	93	GEO_Eqn_6.12b_nls03	7012.48	239.0	67.0	0.0	-19.0	-0.3	-15.0
B346	93	GEO_Eqn_6.12b_nls03	7299.98	239.0	70.0	0.0	-19.0	-0.3	-35.0
B346	93	GEO_Eqn_6.12b_nls03	7299.98	0.0	45.0	0.0	-8.0	0.0	-49.0
B346	93	GEO_Eqn_6.12b_nls03	7562.48	0.0	48.0	0.0	-8.0	0.0	-61.0
B346	93	GEO_Eqn_6.12b_nls03	7824.98	0.0	51.0	0.0	-8.0	0.0	-74.0
B346	93	GEO_Eqn_6.12b_nls03	7824.98	-3.0	-128.0	1.0	5.0	0.2	-82.0
B346	93	GEO_Eqn_6.12b_nls03	8262.48	-3.0	-123.0	1.0	5.0	-0.1	-27.0
B346	93	GEO_Eqn_6.12b_nls03	8699.98	-3.0	-118.0	1.0	5.0	-0.3	25.0
B346	93	GEO_Eqn_6.12b_nls03	8699.98	3.0	-95.0	-0.1	19.0	0.0	26.0
B346	93	GEO_Eqn_6.12b_nls03	9137.48	3.0	-90.0	-0.1	19.0	0.1	66.0
B346	93	GEO_Eqn_6.12b_nls03	9574.98	3.0	-86.0	-0.1	19.0	0.1	105.0
B346	93	GEO_Eqn_6.12b_nls03	9574.98	-13.0	110.0	0.2	19.0	0.0	98.0
B346	93	GEO_Eqn_6.12b_nls03	9987.48	-13.0	114.0	0.2	19.0	0.0	52.0
B346	93	GEO_Eqn_6.12b_nls03	9987.48	13.0	273.0	-0.2	19.0	-0.1	12.0
B346	93	GEO_Eqn_6.12b_nls03	10399.98	13.0	277.0	-0.2	19.0	0.0	-101.0
B346	93	GEO_Eqn_6.12b_nls03	10399.98	-21.0	51.0	0.2	-31.0	0.0	-114.0
B346	93	GEO_Eqn_6.12b_nls03	10787.48	-21.0	55.0	0.2	-31.0	0.0	-135.0
B346	93	GEO_Eqn_6.12b_nls03	10787.48	21.0	49.0	-0.2	-31.0	0.0	-152.0
B346	93	GEO_Eqn_6.12b_nls03	11174.98	21.0	53.0	-0.2	-31.0	0.0	-171.0
B346	93	GEO_Eqn_6.12b_nls03	11174.98	-3.0	-131.0	1.0	-26.0	1.0	-185.0
B346	93	GEO_Eqn_6.12b_nls03	11560.4	-3.0	-127.0	1.0	-26.0	0.3	-135.0
B346	93	GEO_Eqn_6.12b_nls03	11945.81	-3.0	-123.0	1.0	-26.0	0.0	-87.0
B346	93	GEO_Eqn_6.12b_nls03	12331.23	-3.0	-119.0	1.0	-26.0	-0.3	-40.0
B346	93	GEO_Eqn_6.12b_nls03	12331.23	-3.0	-84.0	-0.2	-6.0	-0.1	-39.0
B346	93	GEO_Eqn_6.12b_nls03	12716.65	-3.0	-80.0	-0.2	-6.0	0.0	-7.0
B346	93	GEO_Eqn_6.12b_nls03	13102.06	-3.0	-76.0	-0.2	-6.0	0.0	23.0
B346	93	GEO_Eqn_6.12b_nls03	13487.48	-3.0	-72.0	-0.2	-6.0	0.1	51.0
B346	93	GEO_Eqn_6.12b_nls03	13487.48	-0.3	-34.0	1.0	15.0	0.2	52.0
B346	93	GEO_Eqn_6.12b_nls03	13872.9	-0.3	-30.0	1.0	15.0	-0.3	65.0
B346	93	GEO_Eqn_6.12b_nls03	14258.31	-0.3	-26.0	1.0	15.0	-1.0	76.0
B346	93	GEO_Eqn_6.12b_nls03	14643.73	-0.3	-22.0	1.0	15.0	-1.0	85.0
B346	93	GEO_Eqn_6.12b_nls03	14643.73	6.0	-3.0	-2.0	26.0	-1.0	85.0
B346	93	GEO_Eqn_6.12b_nls03	15029.15	6.0	1.0	-2.0	26.0	0.0	85.0
B346	93	GEO_Eqn_6.12b_nls03	15414.56	6.0	5.0	-2.0	26.0	1.0	84.0
B346	93	GEO_Eqn_6.12b_nls03	15799.98	6.0	10.0	-2.0	26.0	1.0	81.0
B346	93	GEO_Eqn_6.12b_nls03	15799.98	-242.0	-80.0	1.0	-9.0	1.0	24.0
B346	93	GEO_Eqn_6.12b_nls03	16087.48	-242.0	-77.0	1.0	-9.0	1.0	46.0
B346	93	GEO_Eqn_6.12b_nls03	16374.98	-242.0	-74.0	1.0	-9.0	1.0	68.0
B346	93	GEO_Eqn_6.12b_nls03	16374.98	-137.0	19.0	-0.2	-10.0	1.0	64.0
B346	93	GEO_Eqn_6.12b_nls03	16662.48	-137.0	22.0	-0.2	-10.0	1.0	58.0
B346	93	GEO_Eqn_6.12b_nls03	16949.98	-137.0	25.0	-0.2	-10.0	1.0	51.0
B346	93	GEO_Eqn_6.12b_nls03	16949.98	-11.0	22.0	0.0	-5.0	-1.0	40.0
B346	93	GEO_Eqn_6.12b_nls03	17237.48	-11.0	25.0	0.0	-5.0	-1.0	33.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls03	17524.98	-11.0	28.0	0.0	-5.0	-1.0	25.0
B346	93	GEO_Eqn_6.12b_nls03	17524.98	60.0	12.0	-0.2	-5.0	-1.0	18.0
B346	93	GEO_Eqn_6.12b_nls03	17812.48	60.0	15.0	-0.2	-5.0	-1.0	14.0
B346	93	GEO_Eqn_6.12b_nls03	18099.98	60.0	18.0	-0.2	-5.0	-1.0	9.0
B346	93	GEO_Eqn_6.12b_nls03	18099.98	134.0	53.0	-2.0	12.0	-2.0	4.0
B346	93	GEO_Eqn_6.12b_nls03	18387.48	134.0	56.0	-2.0	12.0	-1.0	-11.0
B346	93	GEO_Eqn_6.12b_nls03	18674.98	134.0	59.0	-2.0	12.0	-1.0	-28.0
B346	93	GEO_Eqn_6.12b_nls03	18674.98	196.0	37.0	-3.0	12.0	1.0	-37.0
B346	93	GEO_Eqn_6.12b_nls03	18962.48	196.0	40.0	-3.0	12.0	2.0	-48.0
B346	93	GEO_Eqn_6.12b_nls03	19249.98	196.0	43.0	-3.0	12.0	3.0	-60.0
B346	93	GEO_Eqn_6.12b_nls03	19249.98	-4.0	-44.0	1.0	29.0	0.1	-69.0
B346	93	GEO_Eqn_6.12b_nls03	19574.98	-4.0	-41.0	1.0	29.0	-0.1	-55.0
B346	93	GEO_Eqn_6.12b_nls03	19899.98	-4.0	-38.0	1.0	29.0	-0.4	-42.0
B346	93	GEO_Eqn_6.12b_nls03	19899.98	4.0	-26.0	-0.2	36.0	0.1	-43.0
B346	93	GEO_Eqn_6.12b_nls03	20224.98	4.0	-22.0	-0.2	36.0	0.1	-35.0
B346	93	GEO_Eqn_6.12b_nls03	20549.98	4.0	-19.0	-0.2	36.0	0.2	-28.0
B346	93	GEO_Eqn_6.12b_nls03	20549.98	2.0	77.0	0.0	38.0	0.0	-32.0
B346	93	GEO_Eqn_6.12b_nls03	20874.98	2.0	80.0	0.0	38.0	0.0	-57.0
B346	93	GEO_Eqn_6.12b_nls03	20874.98	-2.0	124.0	0.0	38.0	0.0	-85.0
B346	93	GEO_Eqn_6.12b_nls03	21199.98	-2.0	127.0	0.0	38.0	0.0	-126.0
B346	93	GEO_Eqn_6.12b_nls04	0	0.2	-123.0	-0.3	76.0	-0.3	-135.0
B346	93	GEO_Eqn_6.12b_nls04	366.67	0.2	-119.0	-0.3	76.0	-0.2	-91.0
B346	93	GEO_Eqn_6.12b_nls04	733.33	0.2	-115.0	-0.3	76.0	-0.1	-47.0
B346	93	GEO_Eqn_6.12b_nls04	1100	0.2	-112.0	-0.3	76.0	0.0	-6.0
B346	93	GEO_Eqn_6.12b_nls04	1100	-0.5	-85.0	-0.1	93.0	0.0	-6.0
B346	93	GEO_Eqn_6.12b_nls04	1466.66	-1.0	-81.0	-0.1	93.0	0.0	25.0
B346	93	GEO_Eqn_6.12b_nls04	1833.33	-1.0	-77.0	-0.1	93.0	0.1	54.0
B346	93	GEO_Eqn_6.12b_nls04	2199.99	-1.0	-73.0	-0.1	93.0	0.1	82.0
B346	93	GEO_Eqn_6.12b_nls04	2199.99	-1.0	-35.0	-0.3	114.0	0.1	82.0
B346	93	GEO_Eqn_6.12b_nls04	2566.66	-1.0	-32.0	-0.3	114.0	0.3	95.0
B346	93	GEO_Eqn_6.12b_nls04	2933.32	-1.0	-28.0	-0.3	114.0	0.4	105.0
B346	93	GEO_Eqn_6.12b_nls04	3299.99	-1.0	-24.0	-0.3	114.0	0.5	115.0
B346	93	GEO_Eqn_6.12b_nls04	3299.99	1.0	0.0	1.0	127.0	1.0	115.0
B346	93	GEO_Eqn_6.12b_nls04	3666.65	1.0	4.0	1.0	127.0	0.1	114.0
B346	93	GEO_Eqn_6.12b_nls04	4033.32	1.0	8.0	1.0	127.0	-0.4	112.0
B346	93	GEO_Eqn_6.12b_nls04	4399.98	1.0	12.0	1.0	127.0	-1.0	108.0
B346	93	GEO_Eqn_6.12b_nls04	4399.98	0.0	91.0	0.0	126.0	0.0	24.0
B346	93	GEO_Eqn_6.12b_nls04	4699.98	0.0	94.0	0.0	126.0	0.0	-4.0
B346	93	GEO_Eqn_6.12b_nls04	4999.98	0.0	98.0	0.0	126.0	0.0	-32.0
B346	93	GEO_Eqn_6.12b_nls04	4999.98	-294.0	-328.0	-0.1	-22.0	-0.1	-215.0
B346	93	GEO_Eqn_6.12b_nls04	5287.48	-294.0	-325.0	-0.1	-22.0	-0.1	-121.0
B346	93	GEO_Eqn_6.12b_nls04	5574.98	-294.0	-322.0	-0.1	-22.0	-0.1	-28.0
B346	93	GEO_Eqn_6.12b_nls04	5574.98	-115.0	-111.0	-1.0	-23.0	0.4	-12.0
B346	93	GEO_Eqn_6.12b_nls04	5862.48	-115.0	-108.0	-1.0	-23.0	1.0	20.0
B346	93	GEO_Eqn_6.12b_nls04	6149.98	-115.0	-105.0	-1.0	-23.0	1.0	50.0
B346	93	GEO_Eqn_6.12b_nls04	6149.98	136.0	20.0	-0.4	-21.0	-1.0	37.0
B346	93	GEO_Eqn_6.12b_nls04	6437.48	136.0	23.0	-0.4	-21.0	-1.0	31.0
B346	93	GEO_Eqn_6.12b_nls04	6724.98	136.0	26.0	-0.4	-21.0	-1.0	24.0
B346	93	GEO_Eqn_6.12b_nls04	6724.98	274.0	76.0	-1.0	-21.0	-0.1	9.0
B346	93	GEO_Eqn_6.12b_nls04	7012.48	274.0	79.0	-1.0	-21.0	0.1	-13.0
B346	93	GEO_Eqn_6.12b_nls04	7299.98	274.0	82.0	-1.0	-21.0	0.3	-36.0
B346	93	GEO_Eqn_6.12b_nls04	7299.98	0.0	52.0	0.0	-12.0	0.0	-52.0
B346	93	GEO_Eqn_6.12b_nls04	7562.48	0.0	55.0	0.0	-12.0	0.0	-66.0
B346	93	GEO_Eqn_6.12b_nls04	7824.98	0.0	58.0	0.0	-12.0	0.0	-81.0
B346	93	GEO_Eqn_6.12b_nls04	7824.98	-3.0	-142.0	2.0	1.0	1.0	-89.0
B346	93	GEO_Eqn_6.12b_nls04	8262.48	-3.0	-137.0	2.0	1.0	-0.1	-28.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls04	8699.98	-3.0	-133.0	2.0	1.0	-1.0	31.0
B346	93	GEO_Eqn_6.12b_nls04	8699.98	3.0	-109.0	-1.0	14.0	-0.4	31.0
B346	93	GEO_Eqn_6.12b_nls04	9137.48	3.0	-105.0	-1.0	14.0	0.1	78.0
B346	93	GEO_Eqn_6.12b_nls04	9574.98	3.0	-100.0	-1.0	14.0	1.0	123.0
B346	93	GEO_Eqn_6.12b_nls04	9574.98	-16.0	135.0	0.4	13.0	0.1	116.0
B346	93	GEO_Eqn_6.12b_nls04	9987.48	-16.0	140.0	0.4	13.0	-0.1	59.0
B346	93	GEO_Eqn_6.12b_nls04	9987.48	16.0	352.0	-0.4	13.0	-0.1	9.0
B346	93	GEO_Eqn_6.12b_nls04	10399.98	16.0	356.0	-0.4	13.0	0.1	-137.0
B346	93	GEO_Eqn_6.12b_nls04	10399.98	-24.0	27.0	0.3	-30.0	0.1	-158.0
B346	93	GEO_Eqn_6.12b_nls04	10787.48	-24.0	31.0	0.3	-30.0	-0.1	-169.0
B346	93	GEO_Eqn_6.12b_nls04	10787.48	24.0	53.0	-0.3	-30.0	-0.1	-185.0
B346	93	GEO_Eqn_6.12b_nls04	11174.98	24.0	57.0	-0.3	-30.0	0.1	-206.0
B346	93	GEO_Eqn_6.12b_nls04	11174.98	-4.0	-144.0	2.0	-27.0	1.0	-223.0
B346	93	GEO_Eqn_6.12b_nls04	11560.4	-4.0	-140.0	2.0	-27.0	1.0	-168.0
B346	93	GEO_Eqn_6.12b_nls04	11945.81	-4.0	-136.0	2.0	-27.0	0.0	-115.0
B346	93	GEO_Eqn_6.12b_nls04	12331.23	-4.0	-132.0	2.0	-27.0	-1.0	-64.0
B346	93	GEO_Eqn_6.12b_nls04	12331.23	-4.0	-97.0	-0.5	-7.0	-0.4	-62.0
B346	93	GEO_Eqn_6.12b_nls04	12716.65	-4.0	-93.0	-0.5	-7.0	-0.3	-25.0
B346	93	GEO_Eqn_6.12b_nls04	13102.06	-4.0	-89.0	-0.5	-7.0	-0.1	10.0
B346	93	GEO_Eqn_6.12b_nls04	13487.48	-4.0	-85.0	-0.5	-7.0	0.1	43.0
B346	93	GEO_Eqn_6.12b_nls04	13487.48	-1.0	-47.0	1.0	14.0	0.2	44.0
B346	93	GEO_Eqn_6.12b_nls04	13872.9	-1.0	-43.0	1.0	14.0	-0.4	61.0
B346	93	GEO_Eqn_6.12b_nls04	14258.31	-1.0	-39.0	1.0	14.0	-1.0	77.0
B346	93	GEO_Eqn_6.12b_nls04	14643.73	-1.0	-35.0	1.0	14.0	-1.0	92.0
B346	93	GEO_Eqn_6.12b_nls04	14643.73	9.0	-15.0	-2.0	25.0	-1.0	92.0
B346	93	GEO_Eqn_6.12b_nls04	15029.15	9.0	-11.0	-2.0	25.0	0.1	97.0
B346	93	GEO_Eqn_6.12b_nls04	15414.56	9.0	-7.0	-2.0	25.0	1.0	100.0
B346	93	GEO_Eqn_6.12b_nls04	15799.98	9.0	-3.0	-2.0	25.0	2.0	102.0
B346	93	GEO_Eqn_6.12b_nls04	15799.98	-420.0	-192.0	1.0	-11.0	3.0	-2.0
B346	93	GEO_Eqn_6.12b_nls04	16087.48	-420.0	-189.0	1.0	-11.0	2.0	53.0
B346	93	GEO_Eqn_6.12b_nls04	16374.98	-420.0	-186.0	1.0	-11.0	2.0	106.0
B346	93	GEO_Eqn_6.12b_nls04	16374.98	-232.0	17.0	-0.2	-11.0	1.0	104.0
B346	93	GEO_Eqn_6.12b_nls04	16662.48	-232.0	20.0	-0.1	-11.0	2.0	98.0
B346	93	GEO_Eqn_6.12b_nls04	16949.98	-232.0	23.0	-0.1	-11.0	2.0	92.0
B346	93	GEO_Eqn_6.12b_nls04	16949.98	-9.0	39.0	1.0	-11.0	-2.0	72.0
B346	93	GEO_Eqn_6.12b_nls04	17237.48	-9.0	42.0	1.0	-11.0	-2.0	61.0
B346	93	GEO_Eqn_6.12b_nls04	17524.98	-9.0	45.0	1.0	-11.0	-2.0	48.0
B346	93	GEO_Eqn_6.12b_nls04	17524.98	108.0	29.0	0.4	-12.0	-3.0	35.0
B346	93	GEO_Eqn_6.12b_nls04	17812.48	108.0	32.0	0.4	-12.0	-3.0	27.0
B346	93	GEO_Eqn_6.12b_nls04	18099.98	108.0	35.0	0.4	-12.0	-3.0	17.0
B346	93	GEO_Eqn_6.12b_nls04	18099.98	229.0	72.0	-6.0	2.0	-5.0	9.0
B346	93	GEO_Eqn_6.12b_nls04	18387.48	229.0	75.0	-6.0	2.0	-3.0	-13.0
B346	93	GEO_Eqn_6.12b_nls04	18674.98	229.0	78.0	-6.0	2.0	-2.0	-35.0
B346	93	GEO_Eqn_6.12b_nls04	18674.98	324.0	36.0	-7.0	1.0	3.0	-48.0
B346	93	GEO_Eqn_6.12b_nls04	18962.48	324.0	39.0	-7.0	1.0	5.0	-58.0
B346	93	GEO_Eqn_6.12b_nls04	19249.98	324.0	42.0	-7.0	1.0	7.0	-70.0
B346	93	GEO_Eqn_6.12b_nls04	19249.98	-9.0	-117.0	9.0	16.0	3.0	-80.0
B346	93	GEO_Eqn_6.12b_nls04	19574.98	-9.0	-113.0	9.0	16.0	-0.3	-42.0
B346	93	GEO_Eqn_6.12b_nls04	19899.98	-9.0	-110.0	9.0	16.0	-3.0	-6.0
B346	93	GEO_Eqn_6.12b_nls04	19899.98	9.0	-98.0	-8.0	23.0	-2.0	-6.0
B346	93	GEO_Eqn_6.12b_nls04	20224.98	9.0	-94.0	-8.0	23.0	0.3	25.0
B346	93	GEO_Eqn_6.12b_nls04	20549.98	9.0	-91.0	-8.0	23.0	3.0	55.0
B346	93	GEO_Eqn_6.12b_nls04	20549.98	-7.0	100.0	0.2	21.0	0.0	49.0
B346	93	GEO_Eqn_6.12b_nls04	20874.98	-7.0	103.0	0.2	21.0	0.0	16.0
B346	93	GEO_Eqn_6.12b_nls04	20874.98	7.0	228.0	-0.2	21.0	0.0	-29.0
B346	93	GEO_Eqn_6.12b_nls04	21199.98	7.0	232.0	-0.2	21.0	0.0	-104.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls05	0	-2.0	-23.0	0.3	90.0	0.4	59.0
B346	93	GEO_Eqn_6.12b_nls05	366.67	-2.0	-19.0	0.3	90.0	0.3	67.0
B346	93	GEO_Eqn_6.12b_nls05	733.33	-2.0	-15.0	0.3	90.0	0.1	73.0
B346	93	GEO_Eqn_6.12b_nls05	1100	-2.0	-11.0	0.3	90.0	0.0	78.0
B346	93	GEO_Eqn_6.12b_nls05	1100	-1.0	17.0	0.2	109.0	0.1	78.0
B346	93	GEO_Eqn_6.12b_nls05	1466.66	-1.0	21.0	0.2	109.0	0.0	71.0
B346	93	GEO_Eqn_6.12b_nls05	1833.33	-1.0	25.0	0.2	109.0	0.0	63.0
B346	93	GEO_Eqn_6.12b_nls05	2199.99	-1.0	28.0	0.2	109.0	-0.1	53.0
B346	93	GEO_Eqn_6.12b_nls05	2199.99	1.0	68.0	1.0	132.0	-0.1	53.0
B346	93	GEO_Eqn_6.12b_nls05	2566.66	1.0	71.0	1.0	132.0	-0.3	28.0
B346	93	GEO_Eqn_6.12b_nls05	2933.32	1.0	75.0	1.0	132.0	-1.0	1.0
B346	93	GEO_Eqn_6.12b_nls05	3299.99	1.0	79.0	1.0	132.0	-1.0	-28.0
B346	93	GEO_Eqn_6.12b_nls05	3299.99	2.0	107.0	-2.0	149.0	-1.0	-28.0
B346	93	GEO_Eqn_6.12b_nls05	3666.65	2.0	111.0	-2.0	149.0	-0.1	-68.0
B346	93	GEO_Eqn_6.12b_nls05	4033.32	2.0	115.0	-2.0	149.0	1.0	-110.0
B346	93	GEO_Eqn_6.12b_nls05	4399.98	2.0	118.0	-2.0	149.0	1.0	-152.0
B346	93	GEO_Eqn_6.12b_nls05	4399.98	0.0	-7.0	0.0	150.0	0.0	-37.0
B346	93	GEO_Eqn_6.12b_nls05	4699.98	0.0	-4.0	0.0	150.0	0.0	-36.0
B346	93	GEO_Eqn_6.12b_nls05	4999.98	0.0	-1.0	0.0	150.0	0.0	-35.0
B346	93	GEO_Eqn_6.12b_nls05	4999.98	7.0	-157.0	2.0	-15.0	3.0	-133.0
B346	93	GEO_Eqn_6.12b_nls05	5287.48	7.0	-154.0	2.0	-15.0	2.0	-88.0
B346	93	GEO_Eqn_6.12b_nls05	5574.98	7.0	-151.0	2.0	-15.0	1.0	-44.0
B346	93	GEO_Eqn_6.12b_nls05	5574.98	13.0	-69.0	2.0	-16.0	-1.0	-30.0
B346	93	GEO_Eqn_6.12b_nls05	5862.48	13.0	-66.0	2.0	-16.0	-2.0	-11.0
B346	93	GEO_Eqn_6.12b_nls05	6149.98	13.0	-63.0	2.0	-16.0	-2.0	8.0
B346	93	GEO_Eqn_6.12b_nls05	6149.98	0.2	-34.0	-2.0	-13.0	-2.0	8.0
B346	93	GEO_Eqn_6.12b_nls05	6437.48	0.2	-31.0	-2.0	-13.0	-2.0	18.0
B346	93	GEO_Eqn_6.12b_nls05	6724.98	0.2	-28.0	-2.0	-13.0	-1.0	26.0
B346	93	GEO_Eqn_6.12b_nls05	6724.98	-20.0	-70.0	-2.0	-13.0	1.0	33.0
B346	93	GEO_Eqn_6.12b_nls05	7012.48	-20.0	-67.0	-2.0	-13.0	2.0	53.0
B346	93	GEO_Eqn_6.12b_nls05	7299.98	-20.0	-64.0	-2.0	-13.0	2.0	72.0
B346	93	GEO_Eqn_6.12b_nls05	7299.98	0.0	-62.0	0.0	-5.0	0.0	79.0
B346	93	GEO_Eqn_6.12b_nls05	7562.48	0.0	-59.0	0.0	-5.0	0.0	95.0
B346	93	GEO_Eqn_6.12b_nls05	7824.98	0.0	-56.0	0.0	-5.0	0.0	110.0
B346	93	GEO_Eqn_6.12b_nls05	7824.98	1.0	89.0	-0.1	6.0	0.0	118.0
B346	93	GEO_Eqn_6.12b_nls05	8262.48	1.0	94.0	-0.1	6.0	0.0	78.0
B346	93	GEO_Eqn_6.12b_nls05	8699.98	1.0	98.0	-0.1	6.0	0.1	36.0
B346	93	GEO_Eqn_6.12b_nls05	8699.98	-1.0	121.0	0.0	18.0	0.0	35.0
B346	93	GEO_Eqn_6.12b_nls05	9137.48	-1.0	126.0	0.0	18.0	0.0	-19.0
B346	93	GEO_Eqn_6.12b_nls05	9574.98	-1.0	130.0	0.0	18.0	0.0	-75.0
B346	93	GEO_Eqn_6.12b_nls05	9574.98	23.0	4.0	0.2	21.0	0.1	-68.0
B346	93	GEO_Eqn_6.12b_nls05	9987.48	23.0	8.0	0.2	21.0	0.0	-71.0
B346	93	GEO_Eqn_6.12b_nls05	9987.48	-23.0	56.0	-0.2	21.0	-0.1	-71.0
B346	93	GEO_Eqn_6.12b_nls05	10399.98	-23.0	61.0	-0.2	21.0	0.0	-95.0
B346	93	GEO_Eqn_6.12b_nls05	10399.98	18.0	-425.0	0.1	-19.0	0.0	-75.0
B346	93	GEO_Eqn_6.12b_nls05	10787.48	18.0	-421.0	0.1	-19.0	0.0	89.0
B346	93	GEO_Eqn_6.12b_nls05	10787.48	-18.0	-213.0	-0.1	-19.0	0.0	162.0
B346	93	GEO_Eqn_6.12b_nls05	11174.98	-18.0	-209.0	-0.1	-19.0	0.0	244.0
B346	93	GEO_Eqn_6.12b_nls05	11174.98	0.0	71.0	-0.2	-18.0	0.0	264.0
B346	93	GEO_Eqn_6.12b_nls05	11560.4	0.0	75.0	-0.2	-18.0	0.1	235.0
B346	93	GEO_Eqn_6.12b_nls05	11945.81	0.0	79.0	-0.2	-18.0	0.2	206.0
B346	93	GEO_Eqn_6.12b_nls05	12331.23	0.0	83.0	-0.2	-18.0	0.2	174.0
B346	93	GEO_Eqn_6.12b_nls05	12331.23	0.0	114.0	0.0	-3.0	0.3	175.0
B346	93	GEO_Eqn_6.12b_nls05	12716.65	0.0	118.0	0.0	-3.0	0.3	130.0
B346	93	GEO_Eqn_6.12b_nls05	13102.06	0.0	122.0	0.0	-3.0	0.3	84.0
B346	93	GEO_Eqn_6.12b_nls05	13487.48	0.0	126.0	0.0	-3.0	0.3	36.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls05	13487.48	0.3	162.0	1.0	16.0	0.1	36.0
B346	93	GEO_Eqn_6.12b_nls05	13872.9	0.3	166.0	1.0	16.0	-0.4	-28.0
B346	93	GEO_Eqn_6.12b_nls05	14258.31	0.3	170.0	1.0	16.0	-1.0	-92.0
B346	93	GEO_Eqn_6.12b_nls05	14643.73	0.3	174.0	1.0	16.0	-1.0	-159.0
B346	93	GEO_Eqn_6.12b_nls05	14643.73	-0.3	192.0	-3.0	27.0	-1.0	-160.0
B346	93	GEO_Eqn_6.12b_nls05	15029.15	-0.3	196.0	-3.0	27.0	-0.3	-234.0
B346	93	GEO_Eqn_6.12b_nls05	15414.56	-0.3	200.0	-3.0	27.0	1.0	-311.0
B346	93	GEO_Eqn_6.12b_nls05	15799.98	-0.3	204.0	-3.0	27.0	2.0	-388.0
B346	93	GEO_Eqn_6.12b_nls05	15799.98	151.0	-281.0	3.0	-25.0	3.0	-278.0
B346	93	GEO_Eqn_6.12b_nls05	16087.48	151.0	-278.0	3.0	-25.0	2.0	-198.0
B346	93	GEO_Eqn_6.12b_nls05	16374.98	151.0	-275.0	3.0	-25.0	1.0	-118.0
B346	93	GEO_Eqn_6.12b_nls05	16374.98	81.0	-131.0	2.0	-25.0	-2.0	-86.0
B346	93	GEO_Eqn_6.12b_nls05	16662.48	81.0	-128.0	2.0	-25.0	-2.0	-49.0
B346	93	GEO_Eqn_6.12b_nls05	16949.98	81.0	-125.0	2.0	-25.0	-3.0	-12.0
B346	93	GEO_Eqn_6.12b_nls05	16949.98	16.0	-24.0	-1.0	-21.0	-2.0	-9.0
B346	93	GEO_Eqn_6.12b_nls05	17237.48	16.0	-21.0	-1.0	-21.0	-2.0	-2.0
B346	93	GEO_Eqn_6.12b_nls05	17524.98	16.0	-18.0	-1.0	-21.0	-1.0	3.0
B346	93	GEO_Eqn_6.12b_nls05	17524.98	-21.0	-30.0	-1.0	-21.0	0.1	9.0
B346	93	GEO_Eqn_6.12b_nls05	17812.48	-21.0	-27.0	-1.0	-21.0	1.0	17.0
B346	93	GEO_Eqn_6.12b_nls05	18099.98	-21.0	-24.0	-1.0	-21.0	1.0	25.0
B346	93	GEO_Eqn_6.12b_nls05	18099.98	-81.0	-68.0	2.0	-8.0	2.0	32.0
B346	93	GEO_Eqn_6.12b_nls05	18387.48	-81.0	-65.0	2.0	-8.0	1.0	51.0
B346	93	GEO_Eqn_6.12b_nls05	18674.98	-81.0	-62.0	2.0	-8.0	1.0	69.0
B346	93	GEO_Eqn_6.12b_nls05	18674.98	-146.0	-83.0	1.0	-8.0	0.1	82.0
B346	93	GEO_Eqn_6.12b_nls05	18962.48	-146.0	-80.0	1.0	-8.0	-0.1	106.0
B346	93	GEO_Eqn_6.12b_nls05	19249.98	-146.0	-76.0	1.0	-8.0	-0.3	128.0
B346	93	GEO_Eqn_6.12b_nls05	19249.98	4.0	99.0	-3.0	3.0	-1.0	140.0
B346	93	GEO_Eqn_6.12b_nls05	19574.98	4.0	103.0	-3.0	3.0	0.2	107.0
B346	93	GEO_Eqn_6.12b_nls05	19899.98	4.0	106.0	-3.0	3.0	1.0	73.0
B346	93	GEO_Eqn_6.12b_nls05	19899.98	-4.0	117.0	3.0	9.0	1.0	72.0
B346	93	GEO_Eqn_6.12b_nls05	20224.98	-4.0	120.0	3.0	9.0	-0.2	33.0
B346	93	GEO_Eqn_6.12b_nls05	20549.98	-4.0	124.0	3.0	9.0	-1.0	-6.0
B346	93	GEO_Eqn_6.12b_nls05	20549.98	-0.4	16.0	0.1	9.0	0.0	-4.0
B346	93	GEO_Eqn_6.12b_nls05	20874.98	-0.4	19.0	0.1	9.0	0.0	-10.0
B346	93	GEO_Eqn_6.12b_nls05	20874.98	0.4	80.0	-0.1	9.0	0.0	-20.0
B346	93	GEO_Eqn_6.12b_nls05	21199.98	0.4	84.0	-0.1	9.0	0.0	-46.0
B346	93	GEO_Eqn_6.12b_nls06	0	-4.0	-38.0	1.0	111.0	1.0	26.0
B346	93	GEO_Eqn_6.12b_nls06	366.67	-4.0	-34.0	1.0	111.0	1.0	40.0
B346	93	GEO_Eqn_6.12b_nls06	733.33	-4.0	-30.0	1.0	111.0	0.2	51.0
B346	93	GEO_Eqn_6.12b_nls06	1100	-4.0	-26.0	1.0	111.0	0.0	62.0
B346	93	GEO_Eqn_6.12b_nls06	1100	-1.0	2.0	0.4	130.0	0.1	62.0
B346	93	GEO_Eqn_6.12b_nls06	1466.66	-1.0	6.0	0.4	130.0	0.0	60.0
B346	93	GEO_Eqn_6.12b_nls06	1833.33	-1.0	10.0	0.4	130.0	-0.1	57.0
B346	93	GEO_Eqn_6.12b_nls06	2199.99	-1.0	14.0	0.4	130.0	-0.3	53.0
B346	93	GEO_Eqn_6.12b_nls06	2199.99	1.0	53.0	1.0	153.0	-0.2	53.0
B346	93	GEO_Eqn_6.12b_nls06	2566.66	1.0	57.0	1.0	153.0	-1.0	33.0
B346	93	GEO_Eqn_6.12b_nls06	2933.32	1.0	60.0	1.0	153.0	-1.0	12.0
B346	93	GEO_Eqn_6.12b_nls06	3299.99	1.0	64.0	1.0	153.0	-1.0	-11.0
B346	93	GEO_Eqn_6.12b_nls06	3299.99	3.0	91.0	-3.0	168.0	-1.0	-12.0
B346	93	GEO_Eqn_6.12b_nls06	3666.65	3.0	94.0	-3.0	168.0	-0.1	-46.0
B346	93	GEO_Eqn_6.12b_nls06	4033.32	3.0	98.0	-3.0	168.0	1.0	-81.0
B346	93	GEO_Eqn_6.12b_nls06	4399.98	3.0	102.0	-3.0	168.0	2.0	-118.0
B346	93	GEO_Eqn_6.12b_nls06	4399.98	0.0	12.0	0.0	167.0	0.0	-29.0
B346	93	GEO_Eqn_6.12b_nls06	4699.98	0.0	15.0	0.0	167.0	0.0	-33.0
B346	93	GEO_Eqn_6.12b_nls06	4999.98	0.0	18.0	0.0	167.0	0.0	-38.0
B346	93	GEO_Eqn_6.12b_nls06	4999.98	-44.0	-218.0	3.0	-16.0	3.0	-169.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls06	5287.48	-44.0	-215.0	3.0	-16.0	3.0	-107.0
B346	93	GEO_Eqn_6.12b_nls06	5574.98	-44.0	-212.0	3.0	-16.0	2.0	-46.0
B346	93	GEO_Eqn_6.12b_nls06	5574.98	-6.0	-86.0	3.0	-16.0	-2.0	-29.0
B346	93	GEO_Eqn_6.12b_nls06	5862.48	-6.0	-83.0	3.0	-16.0	-2.0	-4.0
B346	93	GEO_Eqn_6.12b_nls06	6149.98	-6.0	-80.0	3.0	-16.0	-3.0	19.0
B346	93	GEO_Eqn_6.12b_nls06	6149.98	24.0	-29.0	-3.0	-15.0	-4.0	17.0
B346	93	GEO_Eqn_6.12b_nls06	6437.48	24.0	-25.0	-3.0	-15.0	-3.0	25.0
B346	93	GEO_Eqn_6.12b_nls06	6724.98	24.0	-22.0	-3.0	-15.0	-2.0	32.0
B346	93	GEO_Eqn_6.12b_nls06	6724.98	26.0	-54.0	-3.0	-15.0	2.0	36.0
B346	93	GEO_Eqn_6.12b_nls06	7012.48	26.0	-51.0	-3.0	-15.0	3.0	51.0
B346	93	GEO_Eqn_6.12b_nls06	7299.98	26.0	-48.0	-3.0	-15.0	4.0	66.0
B346	93	GEO_Eqn_6.12b_nls06	7299.98	0.0	-52.0	0.0	-8.0	0.0	70.0
B346	93	GEO_Eqn_6.12b_nls06	7562.48	0.0	-49.0	0.0	-8.0	0.0	84.0
B346	93	GEO_Eqn_6.12b_nls06	7824.98	0.0	-46.0	0.0	-8.0	0.0	96.0
B346	93	GEO_Eqn_6.12b_nls06	7824.98	0.4	64.0	1.0	2.0	0.4	103.0
B346	93	GEO_Eqn_6.12b_nls06	8262.48	0.4	69.0	1.0	2.0	0.0	74.0
B346	93	GEO_Eqn_6.12b_nls06	8699.98	0.4	73.0	1.0	2.0	-0.4	43.0
B346	93	GEO_Eqn_6.12b_nls06	8699.98	-0.4	96.0	-1.0	14.0	-0.5	43.0
B346	93	GEO_Eqn_6.12b_nls06	9137.48	-0.4	100.0	-1.0	14.0	0.0	-0.4
B346	93	GEO_Eqn_6.12b_nls06	9574.98	-0.4	105.0	-1.0	14.0	0.5	-45.0
B346	93	GEO_Eqn_6.12b_nls06	9574.98	19.0	31.0	0.4	15.0	0.1	-40.0
B346	93	GEO_Eqn_6.12b_nls06	9987.48	19.0	35.0	0.4	15.0	-0.1	-54.0
B346	93	GEO_Eqn_6.12b_nls06	9987.48	-19.0	140.0	-0.4	15.0	-0.1	-65.0
B346	93	GEO_Eqn_6.12b_nls06	10399.98	-19.0	145.0	-0.4	15.0	0.1	-124.0
B346	93	GEO_Eqn_6.12b_nls06	10399.98	15.0	-463.0	0.2	-17.0	0.0	-112.0
B346	93	GEO_Eqn_6.12b_nls06	10787.48	15.0	-459.0	0.2	-17.0	0.0	67.0
B346	93	GEO_Eqn_6.12b_nls06	10787.48	-15.0	-217.0	-0.2	-17.0	0.0	143.0
B346	93	GEO_Eqn_6.12b_nls06	11174.98	-15.0	-213.0	-0.2	-17.0	0.0	226.0
B346	93	GEO_Eqn_6.12b_nls06	11174.98	-1.0	66.0	1.0	-18.0	1.0	244.0
B346	93	GEO_Eqn_6.12b_nls06	11560.4	-1.0	70.0	1.0	-18.0	0.4	217.0
B346	93	GEO_Eqn_6.12b_nls06	11945.81	-1.0	74.0	1.0	-18.0	0.1	189.0
B346	93	GEO_Eqn_6.12b_nls06	12331.23	-1.0	79.0	1.0	-18.0	-0.1	160.0
B346	93	GEO_Eqn_6.12b_nls06	12331.23	-1.0	109.0	-0.2	-4.0	0.0	160.0
B346	93	GEO_Eqn_6.12b_nls06	12716.65	-1.0	113.0	-0.2	-4.0	0.1	117.0
B346	93	GEO_Eqn_6.12b_nls06	13102.06	-1.0	117.0	-0.2	-4.0	0.2	73.0
B346	93	GEO_Eqn_6.12b_nls06	13487.48	-1.0	121.0	-0.2	-4.0	0.2	27.0
B346	93	GEO_Eqn_6.12b_nls06	13487.48	-0.1	157.0	2.0	15.0	0.2	27.0
B346	93	GEO_Eqn_6.12b_nls06	13872.9	-0.1	161.0	2.0	15.0	-0.5	-34.0
B346	93	GEO_Eqn_6.12b_nls06	14258.31	-0.1	165.0	2.0	15.0	-1.0	-97.0
B346	93	GEO_Eqn_6.12b_nls06	14643.73	-0.1	169.0	2.0	15.0	-2.0	-161.0
B346	93	GEO_Eqn_6.12b_nls06	14643.73	3.0	187.0	-3.0	26.0	-1.0	-162.0
B346	93	GEO_Eqn_6.12b_nls06	15029.15	3.0	191.0	-3.0	26.0	-0.2	-235.0
B346	93	GEO_Eqn_6.12b_nls06	15414.56	3.0	195.0	-3.0	26.0	1.0	-309.0
B346	93	GEO_Eqn_6.12b_nls06	15799.98	3.0	199.0	-3.0	26.0	2.0	-385.0
B346	93	GEO_Eqn_6.12b_nls06	15799.98	-33.0	-394.0	3.0	-28.0	4.0	-315.0
B346	93	GEO_Eqn_6.12b_nls06	16087.48	-33.0	-391.0	3.0	-28.0	3.0	-202.0
B346	93	GEO_Eqn_6.12b_nls06	16374.98	-33.0	-388.0	3.0	-28.0	2.0	-90.0
B346	93	GEO_Eqn_6.12b_nls06	16374.98	-23.0	-139.0	2.0	-28.0	-1.0	-55.0
B346	93	GEO_Eqn_6.12b_nls06	16662.48	-23.0	-136.0	2.0	-28.0	-1.0	-15.0
B346	93	GEO_Eqn_6.12b_nls06	16949.98	-23.0	-133.0	2.0	-28.0	-2.0	23.0
B346	93	GEO_Eqn_6.12b_nls06	16949.98	12.0	-12.0	-0.5	-29.0	-3.0	19.0
B346	93	GEO_Eqn_6.12b_nls06	17237.48	12.0	-9.0	-0.5	-29.0	-3.0	22.0
B346	93	GEO_Eqn_6.12b_nls06	17524.98	12.0	-6.0	-0.5	-29.0	-3.0	24.0
B346	93	GEO_Eqn_6.12b_nls06	17524.98	26.0	-15.0	-1.0	-29.0	-2.0	24.0
B346	93	GEO_Eqn_6.12b_nls06	17812.48	26.0	-12.0	-1.0	-29.0	-2.0	28.0
B346	93	GEO_Eqn_6.12b_nls06	18099.98	26.0	-9.0	-1.0	-29.0	-1.0	31.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls06	18099.98	21.0	-44.0	-2.0	-19.0	-1.0	33.0
B346	93	GEO_Eqn_6.12b_nls06	18387.48	21.0	-41.0	-2.0	-19.0	-1.0	45.0
B346	93	GEO_Eqn_6.12b_nls06	18674.98	21.0	-38.0	-2.0	-19.0	0.0	57.0
B346	93	GEO_Eqn_6.12b_nls06	18674.98	-3.0	-81.0	-3.0	-19.0	2.0	65.0
B346	93	GEO_Eqn_6.12b_nls06	18962.48	-3.0	-78.0	-3.0	-19.0	3.0	88.0
B346	93	GEO_Eqn_6.12b_nls06	19249.98	-3.0	-75.0	-3.0	-19.0	4.0	110.0
B346	93	GEO_Eqn_6.12b_nls06	19249.98	-1.0	12.0	5.0	-10.0	2.0	120.0
B346	93	GEO_Eqn_6.12b_nls06	19574.98	-1.0	15.0	5.0	-10.0	0.0	115.0
B346	93	GEO_Eqn_6.12b_nls06	19899.98	-1.0	19.0	5.0	-10.0	-2.0	110.0
B346	93	GEO_Eqn_6.12b_nls06	19899.98	1.0	30.0	-5.0	-4.0	-2.0	109.0
B346	93	GEO_Eqn_6.12b_nls06	20224.98	1.0	33.0	-5.0	-4.0	0.0	99.0
B346	93	GEO_Eqn_6.12b_nls06	20549.98	1.0	37.0	-5.0	-4.0	2.0	87.0
B346	93	GEO_Eqn_6.12b_nls06	20549.98	-11.0	37.0	0.3	-8.0	0.0	86.0
B346	93	GEO_Eqn_6.12b_nls06	20874.98	-11.0	40.0	0.3	-8.0	0.0	74.0
B346	93	GEO_Eqn_6.12b_nls06	20874.98	11.0	184.0	-0.3	-9.0	0.0	47.0
B346	93	GEO_Eqn_6.12b_nls06	21199.98	11.0	187.0	-0.3	-9.0	0.0	-13.0
B346	93	GEO_Eqn_6.12b_nls07	0	1.0	-108.0	-1.0	52.0	-1.0	-100.0
B346	93	GEO_Eqn_6.12b_nls07	366.67	1.0	-104.0	-1.0	52.0	-0.4	-62.0
B346	93	GEO_Eqn_6.12b_nls07	733.33	1.0	-100.0	-1.0	52.0	-0.2	-24.0
B346	93	GEO_Eqn_6.12b_nls07	1100	1.0	-97.0	-1.0	52.0	0.1	12.0
B346	93	GEO_Eqn_6.12b_nls07	1100	-0.2	-70.0	-0.3	69.0	0.0	12.0
B346	93	GEO_Eqn_6.12b_nls07	1466.66	-0.2	-67.0	-0.3	69.0	0.1	37.0
B346	93	GEO_Eqn_6.12b_nls07	1833.33	-0.2	-63.0	-0.3	69.0	0.2	61.0
B346	93	GEO_Eqn_6.12b_nls07	2199.99	-0.2	-59.0	-0.3	69.0	0.3	83.0
B346	93	GEO_Eqn_6.12b_nls07	2199.99	-1.0	-21.0	-1.0	91.0	0.2	84.0
B346	93	GEO_Eqn_6.12b_nls07	2566.66	-1.0	-17.0	-1.0	91.0	0.4	91.0
B346	93	GEO_Eqn_6.12b_nls07	2933.32	-1.0	-13.0	-1.0	91.0	1.0	96.0
B346	93	GEO_Eqn_6.12b_nls07	3299.99	-1.0	-9.0	-1.0	91.0	1.0	100.0
B346	93	GEO_Eqn_6.12b_nls07	3299.99	0.1	16.0	2.0	105.0	1.0	100.0
B346	93	GEO_Eqn_6.12b_nls07	3666.65	0.1	20.0	2.0	105.0	0.0	94.0
B346	93	GEO_Eqn_6.12b_nls07	4033.32	0.1	24.0	2.0	105.0	-1.0	85.0
B346	93	GEO_Eqn_6.12b_nls07	4399.98	0.1	28.0	2.0	105.0	-2.0	76.0
B346	93	GEO_Eqn_6.12b_nls07	4399.98	0.0	70.0	0.0	106.0	0.0	17.0
B346	93	GEO_Eqn_6.12b_nls07	4699.98	0.0	73.0	0.0	106.0	0.0	-5.0
B346	93	GEO_Eqn_6.12b_nls07	4999.98	0.0	76.0	0.0	106.0	0.0	-27.0
B346	93	GEO_Eqn_6.12b_nls07	4999.98	-255.0	-259.0	-1.0	-20.0	-1.0	-175.0
B346	93	GEO_Eqn_6.12b_nls07	5287.48	-255.0	-256.0	-1.0	-20.0	-0.5	-101.0
B346	93	GEO_Eqn_6.12b_nls07	5574.98	-255.0	-253.0	-1.0	-20.0	-0.3	-28.0
B346	93	GEO_Eqn_6.12b_nls07	5574.98	-103.0	-94.0	-1.0	-21.0	1.0	-16.0
B346	93	GEO_Eqn_6.12b_nls07	5862.48	-103.0	-91.0	-1.0	-21.0	1.0	11.0
B346	93	GEO_Eqn_6.12b_nls07	6149.98	-103.0	-88.0	-1.0	-21.0	1.0	36.0
B346	93	GEO_Eqn_6.12b_nls07	6149.98	116.0	16.0	0.2	-17.0	-0.2	26.0
B346	93	GEO_Eqn_6.12b_nls07	6437.48	116.0	19.0	0.2	-17.0	-0.2	21.0
B346	93	GEO_Eqn_6.12b_nls07	6724.98	116.0	22.0	0.2	-17.0	-0.3	15.0
B346	93	GEO_Eqn_6.12b_nls07	6724.98	242.0	67.0	-0.1	-17.0	-0.3	1.0
B346	93	GEO_Eqn_6.12b_nls07	7012.48	242.0	70.0	-0.1	-17.0	-0.3	-18.0
B346	93	GEO_Eqn_6.12b_nls07	7299.98	242.0	73.0	-0.1	-17.0	-0.3	-39.0
B346	93	GEO_Eqn_6.12b_nls07	7299.98	0.0	48.0	0.0	-6.0	0.0	-54.0
B346	93	GEO_Eqn_6.12b_nls07	7562.48	0.0	51.0	0.0	-6.0	0.0	-67.0
B346	93	GEO_Eqn_6.12b_nls07	7824.98	0.0	54.0	0.0	-6.0	0.0	-81.0
B346	93	GEO_Eqn_6.12b_nls07	7824.98	-3.0	-134.0	0.4	8.0	0.1	-89.0
B346	93	GEO_Eqn_6.12b_nls07	8262.48	-3.0	-130.0	0.4	8.0	-0.1	-31.0
B346	93	GEO_Eqn_6.12b_nls07	8699.98	-3.0	-125.0	0.4	8.0	-0.3	24.0
B346	93	GEO_Eqn_6.12b_nls07	8699.98	3.0	-101.0	0.0	21.0	0.1	25.0
B346	93	GEO_Eqn_6.12b_nls07	9137.48	3.0	-97.0	0.0	21.0	0.1	68.0
B346	93	GEO_Eqn_6.12b_nls07	9574.98	3.0	-92.0	0.0	21.0	0.1	110.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls07	9574.98	-15.0	110.0	0.2	22.0	0.0	103.0
B346	93	GEO_Eqn_6.12b_nls07	9987.48	-15.0	115.0	0.2	22.0	0.0	56.0
B346	93	GEO_Eqn_6.12b_nls07	9987.48	15.0	272.0	-0.2	21.0	0.0	16.0
B346	93	GEO_Eqn_6.12b_nls07	10399.98	15.0	276.0	-0.2	21.0	0.0	-97.0
B346	93	GEO_Eqn_6.12b_nls07	10399.98	-22.0	70.0	0.2	-30.0	0.0	-111.0
B346	93	GEO_Eqn_6.12b_nls07	10787.48	-22.0	74.0	0.2	-30.0	0.0	-139.0
B346	93	GEO_Eqn_6.12b_nls07	10787.48	22.0	57.0	-0.2	-30.0	0.0	-159.0
B346	93	GEO_Eqn_6.12b_nls07	11174.98	22.0	62.0	-0.2	-30.0	0.0	-182.0
B346	93	GEO_Eqn_6.12b_nls07	11174.98	-4.0	-136.0	1.0	-25.0	1.0	-196.0
B346	93	GEO_Eqn_6.12b_nls07	11560.4	-4.0	-132.0	1.0	-25.0	0.3	-144.0
B346	93	GEO_Eqn_6.12b_nls07	11945.81	-4.0	-128.0	1.0	-25.0	0.0	-94.0
B346	93	GEO_Eqn_6.12b_nls07	12331.23	-4.0	-124.0	1.0	-25.0	-0.3	-45.0
B346	93	GEO_Eqn_6.12b_nls07	12331.23	-3.0	-89.0	-0.2	-5.0	-0.1	-44.0
B346	93	GEO_Eqn_6.12b_nls07	12716.65	-3.0	-85.0	-0.2	-5.0	0.0	-10.0
B346	93	GEO_Eqn_6.12b_nls07	13102.06	-3.0	-81.0	-0.2	-5.0	0.1	22.0
B346	93	GEO_Eqn_6.12b_nls07	13487.48	-3.0	-77.0	-0.2	-5.0	0.1	52.0
B346	93	GEO_Eqn_6.12b_nls07	13487.48	-0.3	-39.0	1.0	16.0	0.2	53.0
B346	93	GEO_Eqn_6.12b_nls07	13872.9	-0.3	-35.0	1.0	16.0	-0.3	67.0
B346	93	GEO_Eqn_6.12b_nls07	14258.31	-0.3	-31.0	1.0	16.0	-1.0	80.0
B346	93	GEO_Eqn_6.12b_nls07	14643.73	-0.3	-27.0	1.0	16.0	-1.0	91.0
B346	93	GEO_Eqn_6.12b_nls07	14643.73	7.0	-8.0	-2.0	28.0	-1.0	91.0
B346	93	GEO_Eqn_6.12b_nls07	15029.15	7.0	-3.0	-2.0	28.0	0.0	93.0
B346	93	GEO_Eqn_6.12b_nls07	15414.56	7.0	1.0	-2.0	28.0	1.0	94.0
B346	93	GEO_Eqn_6.12b_nls07	15799.98	7.0	5.0	-2.0	28.0	1.0	93.0
B346	93	GEO_Eqn_6.12b_nls07	15799.98	-248.0	-66.0	1.0	-8.0	1.0	35.0
B346	93	GEO_Eqn_6.12b_nls07	16087.48	-248.0	-63.0	1.0	-8.0	1.0	54.0
B346	93	GEO_Eqn_6.12b_nls07	16374.98	-248.0	-60.0	1.0	-8.0	1.0	72.0
B346	93	GEO_Eqn_6.12b_nls07	16374.98	-142.0	24.0	-0.2	-8.0	1.0	66.0
B346	93	GEO_Eqn_6.12b_nls07	16662.48	-142.0	27.0	-0.2	-8.0	1.0	58.0
B346	93	GEO_Eqn_6.12b_nls07	16949.98	-142.0	30.0	-0.2	-8.0	1.0	50.0
B346	93	GEO_Eqn_6.12b_nls07	16949.98	-14.0	23.0	0.0	-3.0	-1.0	39.0
B346	93	GEO_Eqn_6.12b_nls07	17237.48	-14.0	26.0	0.0	-3.0	-1.0	32.0
B346	93	GEO_Eqn_6.12b_nls07	17524.98	-14.0	29.0	0.0	-3.0	-1.0	24.0
B346	93	GEO_Eqn_6.12b_nls07	17524.98	59.0	13.0	-0.1	-3.0	-1.0	16.0
B346	93	GEO_Eqn_6.12b_nls07	17812.48	59.0	16.0	-0.1	-3.0	-1.0	12.0
B346	93	GEO_Eqn_6.12b_nls07	18099.98	59.0	19.0	-0.1	-3.0	-1.0	7.0
B346	93	GEO_Eqn_6.12b_nls07	18099.98	139.0	58.0	-3.0	14.0	-2.0	2.0
B346	93	GEO_Eqn_6.12b_nls07	18387.48	139.0	61.0	-3.0	14.0	-1.0	-15.0
B346	93	GEO_Eqn_6.12b_nls07	18674.98	139.0	64.0	-3.0	14.0	-1.0	-33.0
B346	93	GEO_Eqn_6.12b_nls07	18674.98	206.0	42.0	-3.0	14.0	1.0	-44.0
B346	93	GEO_Eqn_6.12b_nls07	18962.48	206.0	45.0	-3.0	14.0	2.0	-56.0
B346	93	GEO_Eqn_6.12b_nls07	19249.98	206.0	48.0	-3.0	14.0	3.0	-69.0
B346	93	GEO_Eqn_6.12b_nls07	19249.98	-4.0	-53.0	1.0	31.0	0.3	-79.0
B346	93	GEO_Eqn_6.12b_nls07	19574.98	-4.0	-50.0	1.0	31.0	-0.1	-62.0
B346	93	GEO_Eqn_6.12b_nls07	19899.98	-4.0	-47.0	1.0	31.0	-1.0	-46.0
B346	93	GEO_Eqn_6.12b_nls07	19899.98	4.0	-35.0	-1.0	39.0	-0.1	-47.0
B346	93	GEO_Eqn_6.12b_nls07	20224.98	4.0	-31.0	-1.0	39.0	0.1	-36.0
B346	93	GEO_Eqn_6.12b_nls07	20549.98	4.0	-28.0	-1.0	39.0	0.3	-27.0
B346	93	GEO_Eqn_6.12b_nls07	20549.98	2.0	77.0	0.0	41.0	0.0	-30.0
B346	93	GEO_Eqn_6.12b_nls07	20874.98	2.0	81.0	0.0	41.0	0.0	-56.0
B346	93	GEO_Eqn_6.12b_nls07	20874.98	-2.0	123.0	0.0	41.0	0.0	-84.0
B346	93	GEO_Eqn_6.12b_nls07	21199.98	-2.0	126.0	0.0	41.0	0.0	-124.0
B346	93	GEO_Eqn_6.12b_nls08	0	1.0	-122.0	-0.5	71.0	-0.5	-132.0
B346	93	GEO_Eqn_6.12b_nls08	366.67	1.0	-118.0	-0.5	71.0	-0.3	-88.0
B346	93	GEO_Eqn_6.12b_nls08	733.33	1.0	-115.0	-0.5	71.0	-0.1	-45.0
B346	93	GEO_Eqn_6.12b_nls08	1100	1.0	-111.0	-0.5	71.0	0.0	-4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls08	1100	-0.3	-84.0	-0.2	88.0	-0.1	-3.0
B346	93	GEO_Eqn_6.12b_nls08	1466.66	-0.3	-80.0	-0.2	88.0	0.0	27.0
B346	93	GEO_Eqn_6.12b_nls08	1833.33	-0.3	-76.0	-0.2	88.0	0.1	56.0
B346	93	GEO_Eqn_6.12b_nls08	2199.99	-0.3	-73.0	-0.2	88.0	0.2	83.0
B346	93	GEO_Eqn_6.12b_nls08	2199.99	-1.0	-35.0	-0.5	110.0	0.2	84.0
B346	93	GEO_Eqn_6.12b_nls08	2566.66	-1.0	-31.0	-0.5	110.0	0.4	96.0
B346	93	GEO_Eqn_6.12b_nls08	2933.32	-1.0	-27.0	-0.5	110.0	1.0	106.0
B346	93	GEO_Eqn_6.12b_nls08	3299.99	-1.0	-23.0	-0.5	110.0	1.0	115.0
B346	93	GEO_Eqn_6.12b_nls08	3299.99	1.0	1.0	2.0	123.0	1.0	115.0
B346	93	GEO_Eqn_6.12b_nls08	3666.65	1.0	5.0	2.0	123.0	0.1	114.0
B346	93	GEO_Eqn_6.12b_nls08	4033.32	1.0	9.0	2.0	123.0	-1.0	111.0
B346	93	GEO_Eqn_6.12b_nls08	4399.98	1.0	13.0	2.0	123.0	-1.0	107.0
B346	93	GEO_Eqn_6.12b_nls08	4399.98	0.0	90.0	0.0	122.0	0.0	24.0
B346	93	GEO_Eqn_6.12b_nls08	4699.98	0.0	93.0	0.0	122.0	0.0	-3.0
B346	93	GEO_Eqn_6.12b_nls08	4999.98	0.0	96.0	0.0	122.0	0.0	-32.0
B346	93	GEO_Eqn_6.12b_nls08	4999.98	-298.0	-323.0	-0.5	-21.0	-1.0	-212.0
B346	93	GEO_Eqn_6.12b_nls08	5287.48	-298.0	-320.0	-0.5	-21.0	-0.4	-119.0
B346	93	GEO_Eqn_6.12b_nls08	5574.98	-298.0	-317.0	-0.5	-21.0	-0.2	-28.0
B346	93	GEO_Eqn_6.12b_nls08	5574.98	-118.0	-110.0	-1.0	-22.0	1.0	-13.0
B346	93	GEO_Eqn_6.12b_nls08	5862.48	-118.0	-107.0	-1.0	-22.0	1.0	19.0
B346	93	GEO_Eqn_6.12b_nls08	6149.98	-118.0	-104.0	-1.0	-22.0	1.0	49.0
B346	93	GEO_Eqn_6.12b_nls08	6149.98	137.0	21.0	0.0	-19.0	-0.4	36.0
B346	93	GEO_Eqn_6.12b_nls08	6437.48	137.0	24.0	0.0	-19.0	-0.4	30.0
B346	93	GEO_Eqn_6.12b_nls08	6724.98	137.0	27.0	0.0	-19.0	-0.4	23.0
B346	93	GEO_Eqn_6.12b_nls08	6724.98	279.0	78.0	-0.2	-20.0	-0.2	7.0
B346	93	GEO_Eqn_6.12b_nls08	7012.48	279.0	81.0	-0.2	-20.0	-0.2	-15.0
B346	93	GEO_Eqn_6.12b_nls08	7299.98	279.0	84.0	-0.2	-20.0	-0.1	-39.0
B346	93	GEO_Eqn_6.12b_nls08	7299.98	0.0	55.0	0.0	-10.0	0.0	-56.0
B346	93	GEO_Eqn_6.12b_nls08	7562.48	0.0	57.0	0.0	-10.0	0.0	-70.0
B346	93	GEO_Eqn_6.12b_nls08	7824.98	0.0	60.0	0.0	-10.0	0.0	-86.0
B346	93	GEO_Eqn_6.12b_nls08	7824.98	-3.0	-147.0	1.0	3.0	1.0	-95.0
B346	93	GEO_Eqn_6.12b_nls08	8262.48	-3.0	-142.0	1.0	3.0	-0.1	-31.0
B346	93	GEO_Eqn_6.12b_nls08	8699.98	-3.0	-138.0	1.0	3.0	-1.0	30.0
B346	93	GEO_Eqn_6.12b_nls08	8699.98	3.0	-114.0	-1.0	16.0	-0.3	30.0
B346	93	GEO_Eqn_6.12b_nls08	9137.48	3.0	-110.0	-1.0	16.0	0.1	79.0
B346	93	GEO_Eqn_6.12b_nls08	9574.98	3.0	-105.0	-1.0	16.0	0.5	126.0
B346	93	GEO_Eqn_6.12b_nls08	9574.98	-17.0	136.0	0.3	15.0	0.1	119.0
B346	93	GEO_Eqn_6.12b_nls08	9987.48	-17.0	140.0	0.3	15.0	-0.1	62.0
B346	93	GEO_Eqn_6.12b_nls08	9987.48	17.0	350.0	-0.4	15.0	-0.1	12.0
B346	93	GEO_Eqn_6.12b_nls08	10399.98	17.0	354.0	-0.4	15.0	0.1	-133.0
B346	93	GEO_Eqn_6.12b_nls08	10399.98	-25.0	44.0	0.3	-29.0	0.1	-155.0
B346	93	GEO_Eqn_6.12b_nls08	10787.48	-25.0	48.0	0.3	-29.0	-0.1	-173.0
B346	93	GEO_Eqn_6.12b_nls08	10787.48	25.0	60.0	-0.3	-30.0	-0.1	-191.0
B346	93	GEO_Eqn_6.12b_nls08	11174.98	25.0	64.0	-0.3	-30.0	0.1	-215.0
B346	93	GEO_Eqn_6.12b_nls08	11174.98	-5.0	-148.0	2.0	-26.0	1.0	-233.0
B346	93	GEO_Eqn_6.12b_nls08	11560.4	-5.0	-144.0	2.0	-26.0	1.0	-176.0
B346	93	GEO_Eqn_6.12b_nls08	11945.81	-5.0	-140.0	2.0	-26.0	0.0	-121.0
B346	93	GEO_Eqn_6.12b_nls08	12331.23	-5.0	-136.0	2.0	-26.0	-1.0	-68.0
B346	93	GEO_Eqn_6.12b_nls08	12331.23	-4.0	-101.0	-0.4	-6.0	-0.4	-66.0
B346	93	GEO_Eqn_6.12b_nls08	12716.65	-4.0	-97.0	-0.4	-6.0	-0.2	-28.0
B346	93	GEO_Eqn_6.12b_nls08	13102.06	-4.0	-93.0	-0.4	-6.0	-0.1	8.0
B346	93	GEO_Eqn_6.12b_nls08	13487.48	-4.0	-89.0	-0.4	-6.0	0.1	43.0
B346	93	GEO_Eqn_6.12b_nls08	13487.48	-1.0	-52.0	1.0	15.0	0.2	44.0
B346	93	GEO_Eqn_6.12b_nls08	13872.9	-1.0	-48.0	1.0	15.0	-0.4	64.0
B346	93	GEO_Eqn_6.12b_nls08	14258.31	-1.0	-44.0	1.0	15.0	-1.0	81.0
B346	93	GEO_Eqn_6.12b_nls08	14643.73	-1.0	-40.0	1.0	15.0	-1.0	97.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls08	14643.73	9.0	-19.0	-2.0	26.0	-1.0	97.0
B346	93	GEO_Eqn_6.12b_nls08	15029.15	9.0	-15.0	-2.0	26.0	0.1	104.0
B346	93	GEO_Eqn_6.12b_nls08	15414.56	9.0	-11.0	-2.0	26.0	1.0	109.0
B346	93	GEO_Eqn_6.12b_nls08	15799.98	9.0	-7.0	-2.0	26.0	2.0	112.0
B346	93	GEO_Eqn_6.12b_nls08	15799.98	-427.0	-179.0	1.0	-10.0	3.0	8.0
B346	93	GEO_Eqn_6.12b_nls08	16087.48	-427.0	-176.0	1.0	-10.0	2.0	59.0
B346	93	GEO_Eqn_6.12b_nls08	16374.98	-427.0	-173.0	1.0	-10.0	2.0	109.0
B346	93	GEO_Eqn_6.12b_nls08	16374.98	-237.0	21.0	-0.2	-10.0	2.0	105.0
B346	93	GEO_Eqn_6.12b_nls08	16662.48	-237.0	24.0	-0.2	-10.0	2.0	99.0
B346	93	GEO_Eqn_6.12b_nls08	16949.98	-237.0	27.0	-0.2	-10.0	2.0	92.0
B346	93	GEO_Eqn_6.12b_nls08	16949.98	-11.0	39.0	1.0	-10.0	-2.0	71.0
B346	93	GEO_Eqn_6.12b_nls08	17237.48	-11.0	42.0	1.0	-10.0	-2.0	60.0
B346	93	GEO_Eqn_6.12b_nls08	17524.98	-11.0	45.0	1.0	-10.0	-2.0	47.0
B346	93	GEO_Eqn_6.12b_nls08	17524.98	108.0	29.0	0.5	-10.0	-3.0	34.0
B346	93	GEO_Eqn_6.12b_nls08	17812.48	108.0	32.0	0.5	-10.0	-3.0	25.0
B346	93	GEO_Eqn_6.12b_nls08	18099.98	108.0	35.0	0.5	-10.0	-3.0	16.0
B346	93	GEO_Eqn_6.12b_nls08	18099.98	234.0	76.0	-6.0	4.0	-5.0	7.0
B346	93	GEO_Eqn_6.12b_nls08	18387.48	234.0	80.0	-6.0	4.0	-3.0	-16.0
B346	93	GEO_Eqn_6.12b_nls08	18674.98	234.0	83.0	-6.0	4.0	-2.0	-39.0
B346	93	GEO_Eqn_6.12b_nls08	18674.98	333.0	40.0	-7.0	3.0	3.0	-53.0
B346	93	GEO_Eqn_6.12b_nls08	18962.48	333.0	43.0	-7.0	3.0	5.0	-65.0
B346	93	GEO_Eqn_6.12b_nls08	19249.98	333.0	46.0	-7.0	3.0	7.0	-78.0
B346	93	GEO_Eqn_6.12b_nls08	19249.98	-9.0	-123.0	9.0	18.0	3.0	-88.0
B346	93	GEO_Eqn_6.12b_nls08	19574.98	-9.0	-120.0	9.0	18.0	-0.3	-48.0
B346	93	GEO_Eqn_6.12b_nls08	19899.98	-9.0	-117.0	9.0	18.0	-3.0	-10.0
B346	93	GEO_Eqn_6.12b_nls08	19899.98	9.0	-104.0	-8.0	26.0	-2.0	-10.0
B346	93	GEO_Eqn_6.12b_nls08	20224.98	9.0	-101.0	-8.0	26.0	0.3	23.0
B346	93	GEO_Eqn_6.12b_nls08	20549.98	9.0	-97.0	-8.0	26.0	3.0	56.0
B346	93	GEO_Eqn_6.12b_nls08	20549.98	-7.0	100.0	0.2	24.0	0.0	49.0
B346	93	GEO_Eqn_6.12b_nls08	20874.98	-7.0	104.0	0.2	24.0	0.0	16.0
B346	93	GEO_Eqn_6.12b_nls08	20874.98	7.0	227.0	-0.2	23.0	0.0	-29.0
B346	93	GEO_Eqn_6.12b_nls08	21199.98	7.0	230.0	-0.2	23.0	0.0	-103.0
B346	93	GEO_Eqn_6.12b_nls09	0	-1.0	-32.0	0.0	56.0	0.1	47.0
B346	93	GEO_Eqn_6.12b_nls09	366.67	-1.0	-28.0	0.1	56.0	0.1	58.0
B346	93	GEO_Eqn_6.12b_nls09	733.33	-1.0	-24.0	0.1	56.0	0.1	68.0
B346	93	GEO_Eqn_6.12b_nls09	1100	-1.0	-20.0	0.1	56.0	0.1	76.0
B346	93	GEO_Eqn_6.12b_nls09	1100	-1.0	7.0	0.1	74.0	0.1	76.0
B346	93	GEO_Eqn_6.12b_nls09	1466.66	-1.0	10.0	0.1	74.0	0.1	72.0
B346	93	GEO_Eqn_6.12b_nls09	1833.33	-1.0	14.0	0.1	74.0	0.1	68.0
B346	93	GEO_Eqn_6.12b_nls09	2199.99	-1.0	18.0	0.1	74.0	0.0	62.0
B346	93	GEO_Eqn_6.12b_nls09	2199.99	0.1	57.0	1.0	98.0	0.0	62.0
B346	93	GEO_Eqn_6.12b_nls09	2566.66	0.1	61.0	1.0	98.0	-0.2	41.0
B346	93	GEO_Eqn_6.12b_nls09	2933.32	0.1	65.0	1.0	98.0	-0.4	17.0
B346	93	GEO_Eqn_6.12b_nls09	3299.99	0.1	69.0	1.0	98.0	-1.0	-7.0
B346	93	GEO_Eqn_6.12b_nls09	3299.99	1.0	97.0	-1.0	115.0	-1.0	-8.0
B346	93	GEO_Eqn_6.12b_nls09	3666.65	1.0	101.0	-1.0	115.0	-0.1	-44.0
B346	93	GEO_Eqn_6.12b_nls09	4033.32	1.0	105.0	-1.0	115.0	0.4	-82.0
B346	93	GEO_Eqn_6.12b_nls09	4399.98	1.0	109.0	-1.0	115.0	1.0	-121.0
B346	93	GEO_Eqn_6.12b_nls09	4399.98	0.0	-8.0	0.0	117.0	0.0	-30.0
B346	93	GEO_Eqn_6.12b_nls09	4699.98	0.0	-5.0	0.0	117.0	0.0	-28.0
B346	93	GEO_Eqn_6.12b_nls09	4999.98	0.0	-2.0	0.0	117.0	0.0	-27.0
B346	93	GEO_Eqn_6.12b_nls09	4999.98	16.0	-100.0	2.0	-15.0	2.0	-89.0
B346	93	GEO_Eqn_6.12b_nls09	5287.48	16.0	-97.0	2.0	-15.0	1.0	-61.0
B346	93	GEO_Eqn_6.12b_nls09	5574.98	16.0	-94.0	2.0	-15.0	1.0	-34.0
B346	93	GEO_Eqn_6.12b_nls09	5574.98	13.0	-47.0	2.0	-16.0	-1.0	-24.0
B346	93	GEO_Eqn_6.12b_nls09	5862.48	13.0	-44.0	2.0	-16.0	-1.0	-11.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls09	6149.98	13.0	-41.0	2.0	-16.0	-2.0	2.0
B346	93	GEO_Eqn_6.12b_nls09	6149.98	-6.0	-23.0	-2.0	-11.0	-2.0	2.0
B346	93	GEO_Eqn_6.12b_nls09	6437.48	-6.0	-20.0	-2.0	-11.0	-2.0	8.0
B346	93	GEO_Eqn_6.12b_nls09	6724.98	-6.0	-17.0	-2.0	-11.0	-1.0	13.0
B346	93	GEO_Eqn_6.12b_nls09	6724.98	-23.0	-50.0	-2.0	-11.0	1.0	19.0
B346	93	GEO_Eqn_6.12b_nls09	7012.48	-23.0	-47.0	-2.0	-11.0	1.0	33.0
B346	93	GEO_Eqn_6.12b_nls09	7299.98	-23.0	-44.0	-2.0	-11.0	2.0	46.0
B346	93	GEO_Eqn_6.12b_nls09	7299.98	0.0	-44.0	0.0	-1.0	0.0	50.0
B346	93	GEO_Eqn_6.12b_nls09	7562.48	0.0	-42.0	0.0	-1.0	0.0	62.0
B346	93	GEO_Eqn_6.12b_nls09	7824.98	0.0	-39.0	0.0	-1.0	0.0	72.0
B346	93	GEO_Eqn_6.12b_nls09	7824.98	1.0	60.0	-0.5	11.0	-0.2	78.0
B346	93	GEO_Eqn_6.12b_nls09	8262.48	1.0	65.0	-0.5	11.0	0.0	51.0
B346	93	GEO_Eqn_6.12b_nls09	8699.98	1.0	69.0	-0.5	11.0	0.2	21.0
B346	93	GEO_Eqn_6.12b_nls09	8699.98	-1.0	93.0	0.4	23.0	0.2	21.0
B346	93	GEO_Eqn_6.12b_nls09	9137.48	-1.0	97.0	0.4	23.0	0.0	-21.0
B346	93	GEO_Eqn_6.12b_nls09	9574.98	-1.0	102.0	0.4	23.0	-0.2	-65.0
B346	93	GEO_Eqn_6.12b_nls09	9574.98	16.0	2.0	0.1	28.0	0.0	-60.0
B346	93	GEO_Eqn_6.12b_nls09	9987.48	16.0	6.0	0.1	28.0	0.0	-62.0
B346	93	GEO_Eqn_6.12b_nls09	9987.48	-16.0	16.0	-0.1	28.0	0.0	-60.0
B346	93	GEO_Eqn_6.12b_nls09	10399.98	-16.0	20.0	-0.1	28.0	0.0	-68.0
B346	93	GEO_Eqn_6.12b_nls09	10399.98	7.0	-204.0	0.0	-27.0	0.0	-52.0
B346	93	GEO_Eqn_6.12b_nls09	10787.48	7.0	-200.0	0.0	-27.0	0.0	26.0
B346	93	GEO_Eqn_6.12b_nls09	10787.48	-7.0	-113.0	0.0	-27.0	0.0	62.0
B346	93	GEO_Eqn_6.12b_nls09	11174.98	-7.0	-109.0	0.0	-27.0	0.0	105.0
B346	93	GEO_Eqn_6.12b_nls09	11174.98	1.0	-1.0	-0.4	-23.0	-0.2	115.0
B346	93	GEO_Eqn_6.12b_nls09	11560.4	1.0	3.0	-0.4	-23.0	0.0	114.0
B346	93	GEO_Eqn_6.12b_nls09	11945.81	1.0	7.0	-0.4	-23.0	0.2	112.0
B346	93	GEO_Eqn_6.12b_nls09	12331.23	1.0	11.0	-0.4	-23.0	0.3	109.0
B346	93	GEO_Eqn_6.12b_nls09	12331.23	1.0	44.0	0.0	-6.0	0.4	110.0
B346	93	GEO_Eqn_6.12b_nls09	12716.65	1.0	48.0	0.0	-6.0	0.4	92.0
B346	93	GEO_Eqn_6.12b_nls09	13102.06	1.0	52.0	0.0	-6.0	0.3	73.0
B346	93	GEO_Eqn_6.12b_nls09	13487.48	1.0	56.0	0.0	-6.0	0.3	52.0
B346	93	GEO_Eqn_6.12b_nls09	13487.48	0.4	92.0	1.0	14.0	0.2	52.0
B346	93	GEO_Eqn_6.12b_nls09	13872.9	0.4	96.0	1.0	14.0	-0.4	16.0
B346	93	GEO_Eqn_6.12b_nls09	14258.31	0.4	100.0	1.0	14.0	-1.0	-22.0
B346	93	GEO_Eqn_6.12b_nls09	14643.73	0.4	104.0	1.0	14.0	-1.0	-61.0
B346	93	GEO_Eqn_6.12b_nls09	14643.73	-2.0	122.0	-3.0	25.0	-1.0	-62.0
B346	93	GEO_Eqn_6.12b_nls09	15029.15	-2.0	126.0	-3.0	25.0	-0.4	-110.0
B346	93	GEO_Eqn_6.12b_nls09	15414.56	-2.0	130.0	-3.0	25.0	1.0	-160.0
B346	93	GEO_Eqn_6.12b_nls09	15799.98	-2.0	134.0	-3.0	25.0	2.0	-211.0
B346	93	GEO_Eqn_6.12b_nls09	15799.98	288.0	-74.0	2.0	-14.0	1.0	-118.0
B346	93	GEO_Eqn_6.12b_nls09	16087.48	288.0	-71.0	2.0	-14.0	1.0	-97.0
B346	93	GEO_Eqn_6.12b_nls09	16374.98	288.0	-68.0	2.0	-14.0	0.0	-77.0
B346	93	GEO_Eqn_6.12b_nls09	16374.98	167.0	-58.0	2.0	-14.0	-2.0	-60.0
B346	93	GEO_Eqn_6.12b_nls09	16662.48	167.0	-55.0	2.0	-14.0	-3.0	-44.0
B346	93	GEO_Eqn_6.12b_nls09	16949.98	167.0	-52.0	2.0	-14.0	-4.0	-28.0
B346	93	GEO_Eqn_6.12b_nls09	16949.98	21.0	-17.0	-2.0	-4.0	-1.0	-20.0
B346	93	GEO_Eqn_6.12b_nls09	17237.48	21.0	-14.0	-2.0	-4.0	-1.0	-16.0
B346	93	GEO_Eqn_6.12b_nls09	17524.98	21.0	-11.0	-2.0	-4.0	-0.2	-12.0
B346	93	GEO_Eqn_6.12b_nls09	17524.98	-58.0	-36.0	-2.0	-4.0	2.0	-4.0
B346	93	GEO_Eqn_6.12b_nls09	17812.48	-58.0	-33.0	-2.0	-4.0	3.0	6.0
B346	93	GEO_Eqn_6.12b_nls09	18099.98	-58.0	-30.0	-2.0	-4.0	3.0	15.0
B346	93	GEO_Eqn_6.12b_nls09	18099.98	-162.0	-70.0	5.0	14.0	5.0	25.0
B346	93	GEO_Eqn_6.12b_nls09	18387.48	-163.0	-67.0	5.0	14.0	3.0	45.0
B346	93	GEO_Eqn_6.12b_nls09	18674.98	-163.0	-64.0	5.0	14.0	2.0	64.0
B346	93	GEO_Eqn_6.12b_nls09	18674.98	-254.0	-54.0	5.0	14.0	-1.0	78.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls09	18962.48	-254.0	-51.0	5.0	14.0	-3.0	93.0
B346	93	GEO_Eqn_6.12b_nls09	19249.98	-254.0	-48.0	5.0	14.0	-4.0	107.0
B346	93	GEO_Eqn_6.12b_nls09	19249.98	9.0	188.0	-13.0	28.0	-4.0	117.0
B346	93	GEO_Eqn_6.12b_nls09	19574.98	9.0	191.0	-13.0	28.0	0.3	55.0
B346	93	GEO_Eqn_6.12b_nls09	19899.98	9.0	194.0	-13.0	28.0	4.0	-7.0
B346	93	GEO_Eqn_6.12b_nls09	19899.98	-9.0	205.0	11.0	35.0	3.0	-10.0
B346	93	GEO_Eqn_6.12b_nls09	20224.98	-9.0	208.0	11.0	35.0	-0.3	-77.0
B346	93	GEO_Eqn_6.12b_nls09	20549.98	-9.0	212.0	11.0	35.0	-4.0	-145.0
B346	93	GEO_Eqn_6.12b_nls09	20549.98	15.0	13.0	-0.1	40.0	0.0	-140.0
B346	93	GEO_Eqn_6.12b_nls09	20874.98	15.0	16.0	-0.1	40.0	0.0	-145.0
B346	93	GEO_Eqn_6.12b_nls09	20874.98	-15.0	-29.0	0.1	41.0	0.0	-139.0
B346	93	GEO_Eqn_6.12b_nls09	21199.98	-15.0	-26.0	0.1	41.0	0.0	-130.0
B346	93	GEO_Eqn_6.12b_nls10	0	0.2	-57.0	-0.3	46.0	-0.2	-0.2
B346	93	GEO_Eqn_6.12b_nls10	366.67	0.2	-53.0	-0.3	46.0	-0.1	20.0
B346	93	GEO_Eqn_6.12b_nls10	733.33	0.2	-49.0	-0.3	46.0	0.0	39.0
B346	93	GEO_Eqn_6.12b_nls10	1100	0.2	-46.0	-0.3	46.0	0.1	56.0
B346	93	GEO_Eqn_6.12b_nls10	1100	-0.4	-19.0	-0.1	63.0	0.0	56.0
B346	93	GEO_Eqn_6.12b_nls10	1466.66	-0.4	-16.0	-0.1	63.0	0.1	63.0
B346	93	GEO_Eqn_6.12b_nls10	1833.33	-0.4	-12.0	-0.1	63.0	0.1	68.0
B346	93	GEO_Eqn_6.12b_nls10	2199.99	-0.4	-8.0	-0.1	63.0	0.2	71.0
B346	93	GEO_Eqn_6.12b_nls10	2199.99	-1.0	31.0	0.1	86.0	0.1	72.0
B346	93	GEO_Eqn_6.12b_nls10	2566.66	-1.0	35.0	0.1	86.0	0.1	60.0
B346	93	GEO_Eqn_6.12b_nls10	2933.32	-1.0	39.0	0.1	86.0	0.0	46.0
B346	93	GEO_Eqn_6.12b_nls10	3299.99	-1.0	43.0	0.1	86.0	0.0	31.0
B346	93	GEO_Eqn_6.12b_nls10	3299.99	1.0	70.0	0.0	102.0	-0.1	31.0
B346	93	GEO_Eqn_6.12b_nls10	3666.65	1.0	74.0	0.0	102.0	-0.1	4.0
B346	93	GEO_Eqn_6.12b_nls10	4033.32	1.0	78.0	0.0	102.0	-0.1	-24.0
B346	93	GEO_Eqn_6.12b_nls10	4399.98	1.0	82.0	0.0	102.0	-0.1	-53.0
B346	93	GEO_Eqn_6.12b_nls10	4399.98	0.0	15.0	0.0	105.0	0.0	-14.0
B346	93	GEO_Eqn_6.12b_nls10	4699.98	0.0	18.0	0.0	105.0	0.0	-19.0
B346	93	GEO_Eqn_6.12b_nls10	4999.98	0.0	21.0	0.0	105.0	0.0	-25.0
B346	93	GEO_Eqn_6.12b_nls10	4999.98	-70.0	-133.0	1.0	-18.0	1.0	-105.0
B346	93	GEO_Eqn_6.12b_nls10	5287.48	-70.0	-130.0	1.0	-18.0	1.0	-67.0
B346	93	GEO_Eqn_6.12b_nls10	5574.98	-70.0	-127.0	1.0	-18.0	0.4	-30.0
B346	93	GEO_Eqn_6.12b_nls10	5574.98	-25.0	-56.0	1.0	-18.0	-0.4	-21.0
B346	93	GEO_Eqn_6.12b_nls10	5862.48	-25.0	-53.0	1.0	-18.0	-1.0	-5.0
B346	93	GEO_Eqn_6.12b_nls10	6149.98	-25.0	-50.0	1.0	-18.0	-1.0	10.0
B346	93	GEO_Eqn_6.12b_nls10	6149.98	32.0	-7.0	-1.0	-13.0	-1.0	7.0
B346	93	GEO_Eqn_6.12b_nls10	6437.48	32.0	-4.0	-1.0	-13.0	-1.0	9.0
B346	93	GEO_Eqn_6.12b_nls10	6724.98	32.0	-1.0	-1.0	-13.0	-1.0	10.0
B346	93	GEO_Eqn_6.12b_nls10	6724.98	63.0	-7.0	-1.0	-13.0	0.4	8.0
B346	93	GEO_Eqn_6.12b_nls10	7012.48	63.0	-4.0	-1.0	-13.0	1.0	10.0
B346	93	GEO_Eqn_6.12b_nls10	7299.98	63.0	-1.0	-1.0	-13.0	1.0	10.0
B346	93	GEO_Eqn_6.12b_nls10	7299.98	0.0	-9.0	0.0	-2.0	0.0	8.0
B346	93	GEO_Eqn_6.12b_nls10	7562.48	0.0	-7.0	0.0	-2.0	0.0	10.0
B346	93	GEO_Eqn_6.12b_nls10	7824.98	0.0	-4.0	0.0	-2.0	0.0	11.0
B346	93	GEO_Eqn_6.12b_nls10	7824.98	-0.4	-13.0	-0.4	10.0	-0.2	11.0
B346	93	GEO_Eqn_6.12b_nls10	8262.48	-0.4	-8.0	-0.4	10.0	0.0	16.0
B346	93	GEO_Eqn_6.12b_nls10	8699.98	-0.4	-4.0	-0.4	10.0	0.2	19.0
B346	93	GEO_Eqn_6.12b_nls10	8699.98	0.4	20.0	0.5	24.0	0.2	18.0
B346	93	GEO_Eqn_6.12b_nls10	9137.48	0.4	24.0	0.5	24.0	0.0	9.0
B346	93	GEO_Eqn_6.12b_nls10	9574.98	0.4	29.0	0.5	24.0	-0.2	-3.0
B346	93	GEO_Eqn_6.12b_nls10	9574.98	4.0	34.0	0.1	27.0	0.0	-3.0
B346	93	GEO_Eqn_6.12b_nls10	9987.48	4.0	38.0	0.1	27.0	0.0	-18.0
B346	93	GEO_Eqn_6.12b_nls10	9987.48	-4.0	80.0	-0.1	27.0	0.0	-28.0
B346	93	GEO_Eqn_6.12b_nls10	10399.98	-4.0	84.0	-0.1	27.0	0.0	-62.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls10	10399.98	-4.0	-62.0	0.1	-30.0	0.0	-56.0
B346	93	GEO_Eqn_6.12b_nls10	10787.48	-4.0	-58.0	0.1	-30.0	0.0	-33.0
B346	93	GEO_Eqn_6.12b_nls10	10787.48	4.0	-36.0	-0.1	-30.0	0.0	-24.0
B346	93	GEO_Eqn_6.12b_nls10	11174.98	4.0	-32.0	-0.1	-30.0	0.0	-11.0
B346	93	GEO_Eqn_6.12b_nls10	11174.98	-0.4	-58.0	-0.2	-25.0	0.0	-10.0
B346	93	GEO_Eqn_6.12b_nls10	11560.4	-0.4	-54.0	-0.2	-25.0	0.1	11.0
B346	93	GEO_Eqn_6.12b_nls10	11945.81	-0.4	-50.0	-0.2	-25.0	0.1	31.0
B346	93	GEO_Eqn_6.12b_nls10	12331.23	-0.4	-46.0	-0.2	-25.0	0.2	50.0
B346	93	GEO_Eqn_6.12b_nls10	12331.23	-0.1	-12.0	0.0	-6.0	0.3	51.0
B346	93	GEO_Eqn_6.12b_nls10	12716.65	-0.1	-8.0	0.0	-6.0	0.3	55.0
B346	93	GEO_Eqn_6.12b_nls10	13102.06	-0.1	-4.0	0.0	-6.0	0.3	57.0
B346	93	GEO_Eqn_6.12b_nls10	13487.48	-0.1	0.2	0.0	-6.0	0.3	57.0
B346	93	GEO_Eqn_6.12b_nls10	13487.48	0.3	37.0	1.0	14.0	0.2	58.0
B346	93	GEO_Eqn_6.12b_nls10	13872.9	0.3	41.0	1.0	14.0	-0.3	43.0
B346	93	GEO_Eqn_6.12b_nls10	14258.31	0.3	45.0	1.0	14.0	-1.0	26.0
B346	93	GEO_Eqn_6.12b_nls10	14643.73	0.3	49.0	1.0	14.0	-1.0	8.0
B346	93	GEO_Eqn_6.12b_nls10	14643.73	0.2	68.0	-3.0	26.0	-1.0	8.0
B346	93	GEO_Eqn_6.12b_nls10	15029.15	0.2	72.0	-3.0	26.0	-0.3	-19.0
B346	93	GEO_Eqn_6.12b_nls10	15414.56	0.2	76.0	-3.0	26.0	1.0	-48.0
B346	93	GEO_Eqn_6.12b_nls10	15799.98	0.2	80.0	-3.0	26.0	2.0	-77.0
B346	93	GEO_Eqn_6.12b_nls10	15799.98	184.0	-2.0	2.0	-13.0	1.0	-27.0
B346	93	GEO_Eqn_6.12b_nls10	16087.48	184.0	1.0	2.0	-13.0	1.0	-27.0
B346	93	GEO_Eqn_6.12b_nls10	16374.98	184.0	4.0	2.0	-13.0	0.0	-28.0
B346	93	GEO_Eqn_6.12b_nls10	16374.98	108.0	-15.0	1.0	-13.0	-2.0	-22.0
B346	93	GEO_Eqn_6.12b_nls10	16662.48	108.0	-12.0	1.0	-13.0	-2.0	-18.0
B346	93	GEO_Eqn_6.12b_nls10	16949.98	108.0	-9.0	1.0	-13.0	-3.0	-15.0
B346	93	GEO_Eqn_6.12b_nls10	16949.98	12.0	-7.0	-2.0	-4.0	-1.0	-10.0
B346	93	GEO_Eqn_6.12b_nls10	17237.48	12.0	-4.0	-2.0	-4.0	-1.0	-9.0
B346	93	GEO_Eqn_6.12b_nls10	17524.98	12.0	-1.0	-2.0	-4.0	-0.2	-8.0
B346	93	GEO_Eqn_6.12b_nls10	17524.98	-37.0	-29.0	-2.0	-4.0	2.0	-3.0
B346	93	GEO_Eqn_6.12b_nls10	17812.48	-37.0	-26.0	-2.0	-4.0	2.0	5.0
B346	93	GEO_Eqn_6.12b_nls10	18099.98	-37.0	-23.0	-2.0	-4.0	3.0	12.0
B346	93	GEO_Eqn_6.12b_nls10	18099.98	-104.0	-44.0	4.0	16.0	3.0	20.0
B346	93	GEO_Eqn_6.12b_nls10	18387.48	-104.0	-41.0	4.0	16.0	2.0	32.0
B346	93	GEO_Eqn_6.12b_nls10	18674.98	-104.0	-38.0	4.0	16.0	1.0	44.0
B346	93	GEO_Eqn_6.12b_nls10	18674.98	-163.0	-23.0	4.0	16.0	-1.0	52.0
B346	93	GEO_Eqn_6.12b_nls10	18962.48	-163.0	-20.0	4.0	16.0	-2.0	58.0
B346	93	GEO_Eqn_6.12b_nls10	19249.98	-163.0	-17.0	4.0	16.0	-3.0	63.0
B346	93	GEO_Eqn_6.12b_nls10	19249.98	6.0	163.0	-11.0	31.0	-3.0	68.0
B346	93	GEO_Eqn_6.12b_nls10	19574.98	6.0	166.0	-11.0	31.0	0.2	15.0
B346	93	GEO_Eqn_6.12b_nls10	19899.98	6.0	170.0	-11.0	31.0	4.0	-40.0
B346	93	GEO_Eqn_6.12b_nls10	19899.98	-6.0	180.0	10.0	38.0	3.0	-42.0
B346	93	GEO_Eqn_6.12b_nls10	20224.98	-6.0	184.0	10.0	38.0	-0.2	-101.0
B346	93	GEO_Eqn_6.12b_nls10	20549.98	-6.0	187.0	10.0	38.0	-3.0	-162.0
B346	93	GEO_Eqn_6.12b_nls10	20549.98	16.0	49.0	-0.1	43.0	0.0	-158.0
B346	93	GEO_Eqn_6.12b_nls10	20874.98	16.0	52.0	-0.1	43.0	0.0	-175.0
B346	93	GEO_Eqn_6.12b_nls10	20874.98	-16.0	27.0	0.1	43.0	0.0	-182.0
B346	93	GEO_Eqn_6.12b_nls10	21199.98	-16.0	31.0	0.1	43.0	0.0	-192.0
B346	93	GEO_Eqn_6.12b_nls11	0	-4.0	-79.0	1.0	116.0	1.0	-54.0
B346	93	GEO_Eqn_6.12b_nls11	366.67	-4.0	-75.0	1.0	116.0	1.0	-26.0
B346	93	GEO_Eqn_6.12b_nls11	733.33	-4.0	-71.0	1.0	116.0	0.3	1.0
B346	93	GEO_Eqn_6.12b_nls11	1100	-4.0	-67.0	1.0	116.0	-0.1	27.0
B346	93	GEO_Eqn_6.12b_nls11	1100	-2.0	-39.0	0.4	134.0	0.1	27.0
B346	93	GEO_Eqn_6.12b_nls11	1466.66	-2.0	-35.0	0.4	134.0	0.0	40.0
B346	93	GEO_Eqn_6.12b_nls11	1833.33	-2.0	-31.0	0.4	134.0	-0.2	52.0
B346	93	GEO_Eqn_6.12b_nls11	2199.99	-2.0	-27.0	0.4	134.0	-0.3	63.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls11	2199.99	2.0	11.0	1.0	156.0	-0.2	63.0
B346	93	GEO_Eqn_6.12b_nls11	2566.66	2.0	15.0	1.0	156.0	-1.0	59.0
B346	93	GEO_Eqn_6.12b_nls11	2933.32	2.0	19.0	1.0	156.0	-1.0	52.0
B346	93	GEO_Eqn_6.12b_nls11	3299.99	2.0	23.0	1.0	156.0	-2.0	45.0
B346	93	GEO_Eqn_6.12b_nls11	3299.99	4.0	47.0	-4.0	170.0	-1.0	44.0
B346	93	GEO_Eqn_6.12b_nls11	3666.65	4.0	51.0	-4.0	170.0	-0.1	26.0
B346	93	GEO_Eqn_6.12b_nls11	4033.32	4.0	55.0	-3.0	170.0	1.0	7.0
B346	93	GEO_Eqn_6.12b_nls11	4399.98	4.0	59.0	-3.0	170.0	2.0	-14.0
B346	93	GEO_Eqn_6.12b_nls11	4399.98	0.0	52.0	0.0	167.0	0.0	-5.0
B346	93	GEO_Eqn_6.12b_nls11	4699.98	0.0	55.0	0.0	167.0	0.0	-21.0
B346	93	GEO_Eqn_6.12b_nls11	4999.98	0.0	58.0	0.0	167.0	0.0	-38.0
B346	93	GEO_Eqn_6.12b_nls11	4999.98	-143.0	-291.0	3.0	-15.0	3.0	-202.0
B346	93	GEO_Eqn_6.12b_nls11	5287.48	-143.0	-288.0	3.0	-15.0	3.0	-119.0
B346	93	GEO_Eqn_6.12b_nls11	5574.98	-143.0	-285.0	3.0	-15.0	2.0	-37.0
B346	93	GEO_Eqn_6.12b_nls11	5574.98	-46.0	-101.0	2.0	-16.0	-2.0	-18.0
B346	93	GEO_Eqn_6.12b_nls11	5862.48	-46.0	-98.0	2.0	-16.0	-2.0	10.0
B346	93	GEO_Eqn_6.12b_nls11	6149.98	-46.0	-95.0	2.0	-16.0	-3.0	38.0
B346	93	GEO_Eqn_6.12b_nls11	6149.98	68.0	-7.0	-3.0	-16.0	-4.0	31.0
B346	93	GEO_Eqn_6.12b_nls11	6437.48	68.0	-4.0	-3.0	-16.0	-3.0	32.0
B346	93	GEO_Eqn_6.12b_nls11	6724.98	68.0	-1.0	-3.0	-16.0	-2.0	33.0
B346	93	GEO_Eqn_6.12b_nls11	6724.98	120.0	-3.0	-4.0	-16.0	2.0	30.0
B346	93	GEO_Eqn_6.12b_nls11	7012.48	120.0	0.0	-4.0	-16.0	3.0	31.0
B346	93	GEO_Eqn_6.12b_nls11	7299.98	120.0	3.0	-4.0	-16.0	4.0	30.0
B346	93	GEO_Eqn_6.12b_nls11	7299.98	0.0	-13.0	0.0	-10.0	0.0	27.0
B346	93	GEO_Eqn_6.12b_nls11	7562.48	0.0	-10.0	0.0	-10.0	0.0	30.0
B346	93	GEO_Eqn_6.12b_nls11	7824.98	0.0	-7.0	0.0	-10.0	0.0	32.0
B346	93	GEO_Eqn_6.12b_nls11	7824.98	-1.0	-11.0	3.0	1.0	1.0	34.0
B346	93	GEO_Eqn_6.12b_nls11	8262.48	-1.0	-7.0	3.0	1.0	0.0	38.0
B346	93	GEO_Eqn_6.12b_nls11	8699.98	-1.0	-2.0	3.0	1.0	-1.0	40.0
B346	93	GEO_Eqn_6.12b_nls11	8699.98	1.0	21.0	-3.0	13.0	-1.0	40.0
B346	93	GEO_Eqn_6.12b_nls11	9137.48	1.0	25.0	-2.0	13.0	0.0	30.0
B346	93	GEO_Eqn_6.12b_nls11	9574.98	1.0	30.0	-2.0	13.0	1.0	18.0
B346	93	GEO_Eqn_6.12b_nls11	9574.98	5.0	89.0	0.5	11.0	0.1	19.0
B346	93	GEO_Eqn_6.12b_nls11	9987.48	5.0	93.0	0.5	11.0	-0.1	-19.0
B346	93	GEO_Eqn_6.12b_nls11	9987.48	-5.0	277.0	-1.0	11.0	-0.1	-52.0
B346	93	GEO_Eqn_6.12b_nls11	10399.98	-5.0	282.0	-1.0	11.0	0.1	-168.0
B346	93	GEO_Eqn_6.12b_nls11	10399.98	-3.0	-278.0	0.3	-22.0	0.1	-178.0
B346	93	GEO_Eqn_6.12b_nls11	10787.48	-3.0	-274.0	0.3	-22.0	-0.1	-71.0
B346	93	GEO_Eqn_6.12b_nls11	10787.48	3.0	-101.0	-0.3	-23.0	-0.1	-32.0
B346	93	GEO_Eqn_6.12b_nls11	11174.98	3.0	-97.0	-0.3	-23.0	0.1	6.0
B346	93	GEO_Eqn_6.12b_nls11	11174.98	-3.0	-36.0	2.0	-24.0	2.0	6.0
B346	93	GEO_Eqn_6.12b_nls11	11560.4	-3.0	-32.0	2.0	-24.0	1.0	19.0
B346	93	GEO_Eqn_6.12b_nls11	11945.81	-3.0	-28.0	2.0	-24.0	0.0	30.0
B346	93	GEO_Eqn_6.12b_nls11	12331.23	-3.0	-24.0	2.0	-24.0	-1.0	40.0
B346	93	GEO_Eqn_6.12b_nls11	12331.23	-3.0	8.0	-1.0	-7.0	-1.0	41.0
B346	93	GEO_Eqn_6.12b_nls11	12716.65	-3.0	12.0	-1.0	-7.0	-0.3	37.0
B346	93	GEO_Eqn_6.12b_nls11	13102.06	-3.0	16.0	-1.0	-7.0	-0.1	32.0
B346	93	GEO_Eqn_6.12b_nls11	13487.48	-3.0	20.0	-1.0	-7.0	0.2	25.0
B346	93	GEO_Eqn_6.12b_nls11	13487.48	-1.0	57.0	2.0	13.0	0.2	25.0
B346	93	GEO_Eqn_6.12b_nls11	13872.9	-1.0	61.0	2.0	13.0	-1.0	3.0
B346	93	GEO_Eqn_6.12b_nls11	14258.31	-1.0	65.0	2.0	13.0	-1.0	-22.0
B346	93	GEO_Eqn_6.12b_nls11	14643.73	-1.0	69.0	2.0	13.0	-2.0	-47.0
B346	93	GEO_Eqn_6.12b_nls11	14643.73	7.0	89.0	-3.0	24.0	-1.0	-48.0
B346	93	GEO_Eqn_6.12b_nls11	15029.15	7.0	93.0	-3.0	24.0	0.0	-83.0
B346	93	GEO_Eqn_6.12b_nls11	15414.56	7.0	97.0	-3.0	24.0	1.0	-119.0
B346	93	GEO_Eqn_6.12b_nls11	15799.98	7.0	101.0	-3.0	24.0	3.0	-158.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls11	15799.98	-329.0	-426.0	3.0	-19.0	5.0	-207.0
B346	93	GEO_Eqn_6.12b_nls11	16087.48	-329.0	-423.0	3.0	-19.0	5.0	-84.0
B346	93	GEO_Eqn_6.12b_nls11	16374.98	-329.0	-420.0	3.0	-19.0	4.0	37.0
B346	93	GEO_Eqn_6.12b_nls11	16374.98	-174.0	-71.0	2.0	-20.0	1.0	58.0
B346	93	GEO_Eqn_6.12b_nls11	16662.48	-174.0	-68.0	2.0	-20.0	0.2	78.0
B346	93	GEO_Eqn_6.12b_nls11	16949.98	-174.0	-65.0	2.0	-20.0	-0.3	97.0
B346	93	GEO_Eqn_6.12b_nls11	16949.98	17.0	30.0	1.0	-26.0	-3.0	78.0
B346	93	GEO_Eqn_6.12b_nls11	17237.48	17.0	33.0	1.0	-26.0	-3.0	69.0
B346	93	GEO_Eqn_6.12b_nls11	17524.98	17.0	36.0	1.0	-26.0	-4.0	59.0
B346	93	GEO_Eqn_6.12b_nls11	17524.98	102.0	18.0	0.2	-26.0	-4.0	49.0
B346	93	GEO_Eqn_6.12b_nls11	17812.48	102.0	21.0	0.2	-26.0	-4.0	44.0
B346	93	GEO_Eqn_6.12b_nls11	18099.98	102.0	24.0	0.2	-26.0	-4.0	37.0
B346	93	GEO_Eqn_6.12b_nls11	18099.98	174.0	8.0	-6.0	-19.0	-5.0	33.0
B346	93	GEO_Eqn_6.12b_nls11	18387.48	174.0	11.0	-6.0	-19.0	-3.0	30.0
B346	93	GEO_Eqn_6.12b_nls11	18674.98	174.0	14.0	-6.0	-19.0	-1.0	27.0
B346	93	GEO_Eqn_6.12b_nls11	18674.98	210.0	-47.0	-8.0	-20.0	4.0	26.0
B346	93	GEO_Eqn_6.12b_nls11	18962.48	210.0	-44.0	-8.0	-20.0	6.0	39.0
B346	93	GEO_Eqn_6.12b_nls11	19249.98	210.0	-41.0	-8.0	-20.0	8.0	51.0
B346	93	GEO_Eqn_6.12b_nls11	19249.98	-9.0	-83.0	15.0	-11.0	5.0	55.0
B346	93	GEO_Eqn_6.12b_nls11	19574.98	-9.0	-80.0	15.0	-11.0	-0.2	82.0
B346	93	GEO_Eqn_6.12b_nls11	19899.98	-9.0	-76.0	15.0	-11.0	-5.0	107.0
B346	93	GEO_Eqn_6.12b_nls11	19899.98	9.0	-65.0	-14.0	-5.0	-4.0	106.0
B346	93	GEO_Eqn_6.12b_nls11	20224.98	9.0	-61.0	-14.0	-5.0	0.2	127.0
B346	93	GEO_Eqn_6.12b_nls11	20549.98	9.0	-58.0	-14.0	-5.0	5.0	146.0
B346	93	GEO_Eqn_6.12b_nls11	20549.98	-19.0	86.0	0.4	-13.0	0.1	142.0
B346	93	GEO_Eqn_6.12b_nls11	20874.98	-19.0	89.0	0.4	-13.0	-0.1	113.0
B346	93	GEO_Eqn_6.12b_nls11	20874.98	19.0	310.0	-0.4	-13.0	-0.1	62.0
B346	93	GEO_Eqn_6.12b_nls11	21199.98	19.0	313.0	-0.4	-13.0	0.1	-40.0
B346	93	GEO_Eqn_6.12b_nls12	0	-3.0	-104.0	1.0	105.0	1.0	-101.0
B346	93	GEO_Eqn_6.12b_nls12	366.67	-3.0	-100.0	1.0	105.0	0.4	-63.0
B346	93	GEO_Eqn_6.12b_nls12	733.33	-3.0	-96.0	1.0	105.0	0.1	-28.0
B346	93	GEO_Eqn_6.12b_nls12	1100	-3.0	-92.0	1.0	105.0	-0.1	7.0
B346	93	GEO_Eqn_6.12b_nls12	1100	-1.0	-64.0	0.3	122.0	0.1	7.0
B346	93	GEO_Eqn_6.12b_nls12	1466.66	-1.0	-60.0	0.3	122.0	0.0	30.0
B346	93	GEO_Eqn_6.12b_nls12	1833.33	-1.0	-57.0	0.3	122.0	-0.1	51.0
B346	93	GEO_Eqn_6.12b_nls12	2199.99	-1.0	-53.0	0.3	122.0	-0.2	71.0
B346	93	GEO_Eqn_6.12b_nls12	2199.99	1.0	-14.0	1.0	144.0	-0.1	72.0
B346	93	GEO_Eqn_6.12b_nls12	2566.66	1.0	-11.0	1.0	144.0	-0.4	77.0
B346	93	GEO_Eqn_6.12b_nls12	2933.32	1.0	-7.0	1.0	144.0	-1.0	80.0
B346	93	GEO_Eqn_6.12b_nls12	3299.99	1.0	-3.0	1.0	144.0	-1.0	82.0
B346	93	GEO_Eqn_6.12b_nls12	3299.99	4.0	21.0	-2.0	157.0	-1.0	81.0
B346	93	GEO_Eqn_6.12b_nls12	3666.65	4.0	25.0	-2.0	157.0	0.0	73.0
B346	93	GEO_Eqn_6.12b_nls12	4033.32	4.0	29.0	-2.0	157.0	1.0	63.0
B346	93	GEO_Eqn_6.12b_nls12	4399.98	4.0	32.0	-2.0	157.0	1.0	52.0
B346	93	GEO_Eqn_6.12b_nls12	4399.98	0.0	76.0	0.0	154.0	0.0	11.0
B346	93	GEO_Eqn_6.12b_nls12	4699.98	0.0	79.0	0.0	154.0	0.0	-12.0
B346	93	GEO_Eqn_6.12b_nls12	4999.98	0.0	82.0	0.0	154.0	0.0	-36.0
B346	93	GEO_Eqn_6.12b_nls12	4999.98	-212.0	-323.0	2.0	-17.0	2.0	-214.0
B346	93	GEO_Eqn_6.12b_nls12	5287.48	-212.0	-320.0	2.0	-17.0	2.0	-122.0
B346	93	GEO_Eqn_6.12b_nls12	5574.98	-212.0	-317.0	2.0	-17.0	1.0	-31.0
B346	93	GEO_Eqn_6.12b_nls12	5574.98	-75.0	-107.0	2.0	-17.0	-1.0	-12.0
B346	93	GEO_Eqn_6.12b_nls12	5862.48	-75.0	-104.0	2.0	-17.0	-1.0	18.0
B346	93	GEO_Eqn_6.12b_nls12	6149.98	-75.0	-101.0	2.0	-17.0	-2.0	47.0
B346	93	GEO_Eqn_6.12b_nls12	6149.98	99.0	7.0	-2.0	-18.0	-3.0	37.0
B346	93	GEO_Eqn_6.12b_nls12	6437.48	99.0	10.0	-2.0	-18.0	-2.0	35.0
B346	93	GEO_Eqn_6.12b_nls12	6724.98	99.0	13.0	-2.0	-18.0	-2.0	31.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls12	6724.98	188.0	33.0	-3.0	-18.0	1.0	23.0
B346	93	GEO_Eqn_6.12b_nls12	7012.48	188.0	36.0	-3.0	-18.0	2.0	13.0
B346	93	GEO_Eqn_6.12b_nls12	7299.98	188.0	39.0	-3.0	-18.0	3.0	2.0
B346	93	GEO_Eqn_6.12b_nls12	7299.98	0.0	16.0	0.0	-11.0	0.0	-7.0
B346	93	GEO_Eqn_6.12b_nls12	7562.48	0.0	19.0	0.0	-11.0	0.0	-11.0
B346	93	GEO_Eqn_6.12b_nls12	7824.98	0.0	22.0	0.0	-11.0	0.0	-17.0
B346	93	GEO_Eqn_6.12b_nls12	7824.98	-3.0	-68.0	3.0	1.0	1.0	-20.0
B346	93	GEO_Eqn_6.12b_nls12	8262.48	-3.0	-63.0	3.0	1.0	0.0	9.0
B346	93	GEO_Eqn_6.12b_nls12	8699.98	-3.0	-59.0	3.0	1.0	-1.0	36.0
B346	93	GEO_Eqn_6.12b_nls12	8699.98	3.0	-36.0	-3.0	13.0	-1.0	36.0
B346	93	GEO_Eqn_6.12b_nls12	9137.48	3.0	-31.0	-3.0	13.0	0.0	50.0
B346	93	GEO_Eqn_6.12b_nls12	9574.98	3.0	-27.0	-3.0	13.0	1.0	63.0
B346	93	GEO_Eqn_6.12b_nls12	9574.98	-5.0	119.0	0.5	11.0	0.1	61.0
B346	93	GEO_Eqn_6.12b_nls12	9987.48	-5.0	123.0	0.5	11.0	-0.1	11.0
B346	93	GEO_Eqn_6.12b_nls12	9987.48	5.0	337.0	-1.0	10.0	-0.1	-34.0
B346	93	GEO_Eqn_6.12b_nls12	10399.98	5.0	341.0	-1.0	10.0	0.1	-173.0
B346	93	GEO_Eqn_6.12b_nls12	10399.98	-15.0	-133.0	0.4	-26.0	0.1	-193.0
B346	93	GEO_Eqn_6.12b_nls12	10787.48	-15.0	-129.0	0.4	-26.0	-0.1	-143.0
B346	93	GEO_Eqn_6.12b_nls12	10787.48	15.0	-21.0	-0.4	-27.0	-0.1	-131.0
B346	93	GEO_Eqn_6.12b_nls12	11174.98	15.0	-17.0	-0.4	-27.0	0.1	-123.0
B346	93	GEO_Eqn_6.12b_nls12	11174.98	-4.0	-99.0	2.0	-26.0	2.0	-134.0
B346	93	GEO_Eqn_6.12b_nls12	11560.4	-4.0	-95.0	2.0	-26.0	1.0	-97.0
B346	93	GEO_Eqn_6.12b_nls12	11945.81	-4.0	-91.0	2.0	-26.0	0.0	-61.0
B346	93	GEO_Eqn_6.12b_nls12	12331.23	-4.0	-87.0	2.0	-26.0	-1.0	-27.0
B346	93	GEO_Eqn_6.12b_nls12	12331.23	-4.0	-54.0	-1.0	-8.0	-1.0	-25.0
B346	93	GEO_Eqn_6.12b_nls12	12716.65	-4.0	-49.0	-1.0	-8.0	-0.4	-5.0
B346	93	GEO_Eqn_6.12b_nls12	13102.06	-4.0	-45.0	-1.0	-8.0	-0.1	13.0
B346	93	GEO_Eqn_6.12b_nls12	13487.48	-4.0	-41.0	-1.0	-8.0	0.1	30.0
B346	93	GEO_Eqn_6.12b_nls12	13487.48	-1.0	-5.0	2.0	12.0	0.2	30.0
B346	93	GEO_Eqn_6.12b_nls12	13872.9	-1.0	-1.0	2.0	12.0	-0.5	31.0
B346	93	GEO_Eqn_6.12b_nls12	14258.31	-1.0	3.0	2.0	12.0	-1.0	31.0
B346	93	GEO_Eqn_6.12b_nls12	14643.73	-1.0	7.0	2.0	12.0	-2.0	29.0
B346	93	GEO_Eqn_6.12b_nls12	14643.73	9.0	28.0	-3.0	23.0	-1.0	28.0
B346	93	GEO_Eqn_6.12b_nls12	15029.15	9.0	32.0	-3.0	23.0	0.1	17.0
B346	93	GEO_Eqn_6.12b_nls12	15414.56	9.0	36.0	-3.0	23.0	1.0	4.0
B346	93	GEO_Eqn_6.12b_nls12	15799.98	9.0	40.0	-3.0	23.0	2.0	-11.0
B346	93	GEO_Eqn_6.12b_nls12	15799.98	-438.0	-365.0	3.0	-14.0	5.0	-112.0
B346	93	GEO_Eqn_6.12b_nls12	16087.48	-438.0	-362.0	3.0	-14.0	4.0	-7.0
B346	93	GEO_Eqn_6.12b_nls12	16374.98	-438.0	-359.0	3.0	-14.0	3.0	96.0
B346	93	GEO_Eqn_6.12b_nls12	16374.98	-232.0	-24.0	1.0	-15.0	1.0	106.0
B346	93	GEO_Eqn_6.12b_nls12	16662.48	-232.0	-21.0	1.0	-15.0	1.0	113.0
B346	93	GEO_Eqn_6.12b_nls12	16949.98	-232.0	-18.0	1.0	-15.0	1.0	118.0
B346	93	GEO_Eqn_6.12b_nls12	16949.98	12.0	46.0	1.0	-20.0	-3.0	94.0
B346	93	GEO_Eqn_6.12b_nls12	17237.48	12.0	49.0	1.0	-20.0	-3.0	80.0
B346	93	GEO_Eqn_6.12b_nls12	17524.98	12.0	52.0	1.0	-20.0	-4.0	66.0
B346	93	GEO_Eqn_6.12b_nls12	17524.98	126.0	30.0	0.5	-21.0	-4.0	53.0
B346	93	GEO_Eqn_6.12b_nls12	17812.48	126.0	33.0	0.5	-21.0	-5.0	44.0
B346	93	GEO_Eqn_6.12b_nls12	18099.98	126.0	36.0	0.5	-21.0	-5.0	34.0
B346	93	GEO_Eqn_6.12b_nls12	18099.98	231.0	41.0	-7.0	-13.0	-6.0	26.0
B346	93	GEO_Eqn_6.12b_nls12	18387.48	231.0	44.0	-7.0	-13.0	-4.0	14.0
B346	93	GEO_Eqn_6.12b_nls12	18674.98	231.0	47.0	-7.0	-13.0	-2.0	1.0
B346	93	GEO_Eqn_6.12b_nls12	18674.98	301.0	-14.0	-9.0	-14.0	4.0	-6.0
B346	93	GEO_Eqn_6.12b_nls12	18962.48	301.0	-11.0	-9.0	-14.0	6.0	-2.0
B346	93	GEO_Eqn_6.12b_nls12	19249.98	301.0	-8.0	-9.0	-14.0	9.0	1.0
B346	93	GEO_Eqn_6.12b_nls12	19249.98	-11.0	-117.0	16.0	-3.0	5.0	-1.0
B346	93	GEO_Eqn_6.12b_nls12	19574.98	-11.0	-114.0	16.0	-3.0	-0.3	36.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls12	19899.98	-11.0	-110.0	16.0	-3.0	-6.0	72.0
B346	93	GEO_Eqn_6.12b_nls12	19899.98	11.0	-98.0	-14.0	3.0	-4.0	72.0
B346	93	GEO_Eqn_6.12b_nls12	20224.98	11.0	-95.0	-14.0	3.0	0.3	104.0
B346	93	GEO_Eqn_6.12b_nls12	20549.98	11.0	-91.0	-14.0	3.0	5.0	134.0
B346	93	GEO_Eqn_6.12b_nls12	20549.98	-17.0	105.0	0.4	-4.0	0.1	128.0
B346	93	GEO_Eqn_6.12b_nls12	20874.98	-17.0	108.0	0.4	-4.0	-0.1	93.0
B346	93	GEO_Eqn_6.12b_nls12	20874.98	17.0	323.0	-0.4	-4.0	-0.1	36.0
B346	93	GEO_Eqn_6.12b_nls12	21199.98	17.0	326.0	-0.4	-4.0	0.1	-69.0
B346	93	GEO_Eqn_6.12b_nls13	0	-1.0	-29.0	0.0	43.0	0.1	56.0
B346	93	GEO_Eqn_6.12b_nls13	366.67	-1.0	-25.0	0.0	43.0	0.1	66.0
B346	93	GEO_Eqn_6.12b_nls13	733.33	-1.0	-21.0	0.0	43.0	0.1	75.0
B346	93	GEO_Eqn_6.12b_nls13	1100	-1.0	-18.0	0.0	43.0	0.1	82.0
B346	93	GEO_Eqn_6.12b_nls13	1100	-1.0	9.0	0.0	60.0	0.1	82.0
B346	93	GEO_Eqn_6.12b_nls13	1466.66	-1.0	13.0	0.0	60.0	0.1	78.0
B346	93	GEO_Eqn_6.12b_nls13	1833.33	-1.0	16.0	0.0	60.0	0.1	73.0
B346	93	GEO_Eqn_6.12b_nls13	2199.99	-1.0	20.0	0.0	60.0	0.1	66.0
B346	93	GEO_Eqn_6.12b_nls13	2199.99	0.0	60.0	1.0	84.0	0.1	66.0
B346	93	GEO_Eqn_6.12b_nls13	2566.66	0.0	63.0	1.0	84.0	-0.2	44.0
B346	93	GEO_Eqn_6.12b_nls13	2933.32	0.0	67.0	1.0	84.0	-0.4	20.0
B346	93	GEO_Eqn_6.12b_nls13	3299.99	0.0	71.0	1.0	84.0	-1.0	-5.0
B346	93	GEO_Eqn_6.12b_nls13	3299.99	2.0	100.0	-1.0	101.0	-1.0	-6.0
B346	93	GEO_Eqn_6.12b_nls13	3666.65	2.0	104.0	-1.0	101.0	-0.1	-44.0
B346	93	GEO_Eqn_6.12b_nls13	4033.32	2.0	108.0	-1.0	101.0	0.4	-82.0
B346	93	GEO_Eqn_6.12b_nls13	4399.98	2.0	112.0	-1.0	101.0	1.0	-123.0
B346	93	GEO_Eqn_6.12b_nls13	4399.98	0.0	-14.0	0.0	105.0	0.0	-30.0
B346	93	GEO_Eqn_6.12b_nls13	4699.98	0.0	-11.0	0.0	105.0	0.0	-26.0
B346	93	GEO_Eqn_6.12b_nls13	4999.98	0.0	-8.0	0.0	105.0	0.0	-23.0
B346	93	GEO_Eqn_6.12b_nls13	4999.98	21.0	-67.0	2.0	-11.0	2.0	-69.0
B346	93	GEO_Eqn_6.12b_nls13	5287.48	21.0	-64.0	2.0	-11.0	2.0	-50.0
B346	93	GEO_Eqn_6.12b_nls13	5574.98	21.0	-61.0	2.0	-11.0	1.0	-32.0
B346	93	GEO_Eqn_6.12b_nls13	5574.98	12.0	-38.0	2.0	-11.0	-1.0	-25.0
B346	93	GEO_Eqn_6.12b_nls13	5862.48	12.0	-35.0	2.0	-11.0	-2.0	-14.0
B346	93	GEO_Eqn_6.12b_nls13	6149.98	12.0	-32.0	2.0	-11.0	-2.0	-5.0
B346	93	GEO_Eqn_6.12b_nls13	6149.98	-10.0	-20.0	-2.0	-6.0	-2.0	-3.0
B346	93	GEO_Eqn_6.12b_nls13	6437.48	-10.0	-17.0	-2.0	-6.0	-2.0	2.0
B346	93	GEO_Eqn_6.12b_nls13	6724.98	-10.0	-14.0	-2.0	-6.0	-1.0	6.0
B346	93	GEO_Eqn_6.12b_nls13	6724.98	-23.0	-44.0	-2.0	-6.0	1.0	11.0
B346	93	GEO_Eqn_6.12b_nls13	7012.48	-23.0	-41.0	-2.0	-6.0	2.0	23.0
B346	93	GEO_Eqn_6.12b_nls13	7299.98	-23.0	-38.0	-2.0	-6.0	2.0	34.0
B346	93	GEO_Eqn_6.12b_nls13	7299.98	0.0	-37.0	0.0	5.0	0.0	38.0
B346	93	GEO_Eqn_6.12b_nls13	7562.48	0.0	-35.0	0.0	5.0	0.0	47.0
B346	93	GEO_Eqn_6.12b_nls13	7824.98	0.0	-32.0	0.0	5.0	0.0	56.0
B346	93	GEO_Eqn_6.12b_nls13	7824.98	1.0	46.0	-1.0	17.0	-0.3	60.0
B346	93	GEO_Eqn_6.12b_nls13	8262.48	1.0	50.0	-1.0	17.0	0.0	39.0
B346	93	GEO_Eqn_6.12b_nls13	8699.98	1.0	55.0	-1.0	17.0	0.3	16.0
B346	93	GEO_Eqn_6.12b_nls13	8699.98	-1.0	78.0	1.0	30.0	0.2	16.0
B346	93	GEO_Eqn_6.12b_nls13	9137.48	-1.0	83.0	1.0	30.0	0.0	-20.0
B346	93	GEO_Eqn_6.12b_nls13	9574.98	-1.0	87.0	1.0	30.0	-0.3	-57.0
B346	93	GEO_Eqn_6.12b_nls13	9574.98	14.0	2.0	0.1	35.0	0.0	-54.0
B346	93	GEO_Eqn_6.12b_nls13	9987.48	14.0	6.0	0.1	35.0	0.0	-55.0
B346	93	GEO_Eqn_6.12b_nls13	9987.48	-14.0	3.0	-0.1	35.0	0.0	-53.0
B346	93	GEO_Eqn_6.12b_nls13	10399.98	-14.0	8.0	-0.1	35.0	0.0	-55.0
B346	93	GEO_Eqn_6.12b_nls13	10399.98	4.0	-133.0	0.0	-28.0	0.0	-42.0
B346	93	GEO_Eqn_6.12b_nls13	10787.48	4.0	-129.0	0.0	-28.0	0.0	9.0
B346	93	GEO_Eqn_6.12b_nls13	10787.48	-4.0	-81.0	0.0	-28.0	0.0	33.0
B346	93	GEO_Eqn_6.12b_nls13	11174.98	-4.0	-77.0	0.0	-28.0	0.0	63.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls13	11174.98	-0.2	-21.0	-1.0	-22.0	-0.2	70.0
B346	93	GEO_Eqn_6.12b_nls13	11560.4	-0.2	-17.0	-1.0	-22.0	0.0	78.0
B346	93	GEO_Eqn_6.12b_nls13	11945.81	-0.2	-13.0	-1.0	-22.0	0.2	84.0
B346	93	GEO_Eqn_6.12b_nls13	12331.23	-0.2	-9.0	-1.0	-22.0	0.4	88.0
B346	93	GEO_Eqn_6.12b_nls13	12331.23	0.3	24.0	0.1	-5.0	0.5	89.0
B346	93	GEO_Eqn_6.12b_nls13	12716.65	0.3	28.0	0.1	-5.0	0.4	79.0
B346	93	GEO_Eqn_6.12b_nls13	13102.06	0.3	32.0	0.1	-5.0	0.4	67.0
B346	93	GEO_Eqn_6.12b_nls13	13487.48	0.3	36.0	0.1	-5.0	0.4	54.0
B346	93	GEO_Eqn_6.12b_nls13	13487.48	1.0	73.0	2.0	16.0	0.2	54.0
B346	93	GEO_Eqn_6.12b_nls13	13872.9	1.0	77.0	2.0	16.0	-0.4	26.0
B346	93	GEO_Eqn_6.12b_nls13	14258.31	1.0	81.0	2.0	16.0	-1.0	-5.0
B346	93	GEO_Eqn_6.12b_nls13	14643.73	1.0	85.0	2.0	16.0	-2.0	-37.0
B346	93	GEO_Eqn_6.12b_nls13	14643.73	-1.0	103.0	-3.0	27.0	-2.0	-37.0
B346	93	GEO_Eqn_6.12b_nls13	15029.15	-1.0	107.0	-3.0	27.0	-0.4	-78.0
B346	93	GEO_Eqn_6.12b_nls13	15414.56	-1.0	111.0	-3.0	27.0	1.0	-120.0
B346	93	GEO_Eqn_6.12b_nls13	15799.98	-1.0	115.0	-3.0	27.0	2.0	-163.0
B346	93	GEO_Eqn_6.12b_nls13	15799.98	286.0	-34.0	3.0	-9.0	2.0	-76.0
B346	93	GEO_Eqn_6.12b_nls13	16087.48	286.0	-31.0	3.0	-9.0	1.0	-67.0
B346	93	GEO_Eqn_6.12b_nls13	16374.98	286.0	-27.0	3.0	-9.0	0.3	-59.0
B346	93	GEO_Eqn_6.12b_nls13	16374.98	167.0	-37.0	2.0	-9.0	-2.0	-46.0
B346	93	GEO_Eqn_6.12b_nls13	16662.48	167.0	-34.0	2.0	-9.0	-3.0	-36.0
B346	93	GEO_Eqn_6.12b_nls13	16949.98	167.0	-31.0	2.0	-9.0	-4.0	-26.0
B346	93	GEO_Eqn_6.12b_nls13	16949.98	19.0	-12.0	-2.0	0.3	-1.0	-19.0
B346	93	GEO_Eqn_6.12b_nls13	17237.48	19.0	-9.0	-2.0	0.3	-1.0	-16.0
B346	93	GEO_Eqn_6.12b_nls13	17524.98	19.0	-6.0	-2.0	0.3	-0.4	-14.0
B346	93	GEO_Eqn_6.12b_nls13	17524.98	-60.0	-34.0	-2.0	0.3	2.0	-6.0
B346	93	GEO_Eqn_6.12b_nls13	17812.48	-60.0	-31.0	-2.0	0.3	2.0	4.0
B346	93	GEO_Eqn_6.12b_nls13	18099.98	-60.0	-28.0	-2.0	0.3	3.0	12.0
B346	93	GEO_Eqn_6.12b_nls13	18099.98	-162.0	-66.0	5.0	20.0	4.0	23.0
B346	93	GEO_Eqn_6.12b_nls13	18387.48	-162.0	-63.0	5.0	20.0	3.0	41.0
B346	93	GEO_Eqn_6.12b_nls13	18674.98	-162.0	-60.0	5.0	20.0	2.0	59.0
B346	93	GEO_Eqn_6.12b_nls13	18674.98	-250.0	-47.0	5.0	20.0	-1.0	71.0
B346	93	GEO_Eqn_6.12b_nls13	18962.48	-250.0	-44.0	5.0	20.0	-3.0	84.0
B346	93	GEO_Eqn_6.12b_nls13	19249.98	-250.0	-41.0	5.0	20.0	-4.0	97.0
B346	93	GEO_Eqn_6.12b_nls13	19249.98	8.0	187.0	-12.0	34.0	-3.0	105.0
B346	93	GEO_Eqn_6.12b_nls13	19574.98	8.0	191.0	-12.0	34.0	0.3	44.0
B346	93	GEO_Eqn_6.12b_nls13	19899.98	8.0	194.0	-12.0	34.0	4.0	-19.0
B346	93	GEO_Eqn_6.12b_nls13	19899.98	-8.0	204.0	10.0	41.0	3.0	-21.0
B346	93	GEO_Eqn_6.12b_nls13	20224.98	-8.0	208.0	10.0	41.0	-0.3	-88.0
B346	93	GEO_Eqn_6.12b_nls13	20549.98	-8.0	211.0	10.0	41.0	-4.0	-156.0
B346	93	GEO_Eqn_6.12b_nls13	20549.98	15.0	24.0	-0.1	46.0	0.0	-151.0
B346	93	GEO_Eqn_6.12b_nls13	20874.98	15.0	27.0	-0.1	46.0	0.0	-160.0
B346	93	GEO_Eqn_6.12b_nls13	20874.98	-15.0	-15.0	0.1	46.0	0.0	-158.0
B346	93	GEO_Eqn_6.12b_nls13	21199.98	-15.0	-11.0	0.1	46.0	0.0	-153.0
B346	93	GEO_Eqn_6.12b_nls14	0	0.3	-56.0	-0.4	32.0	-0.3	7.0
B346	93	GEO_Eqn_6.12b_nls14	366.67	0.3	-52.0	-0.4	32.0	-0.2	27.0
B346	93	GEO_Eqn_6.12b_nls14	733.33	0.3	-48.0	-0.4	32.0	0.0	45.0
B346	93	GEO_Eqn_6.12b_nls14	1100	0.3	-44.0	-0.4	32.0	0.1	62.0
B346	93	GEO_Eqn_6.12b_nls14	1100	-1.0	-18.0	-0.1	49.0	0.1	62.0
B346	93	GEO_Eqn_6.12b_nls14	1466.66	-1.0	-14.0	-0.1	49.0	0.1	68.0
B346	93	GEO_Eqn_6.12b_nls14	1833.33	-1.0	-11.0	-0.1	49.0	0.2	73.0
B346	93	GEO_Eqn_6.12b_nls14	2199.99	-1.0	-7.0	-0.1	49.0	0.2	76.0
B346	93	GEO_Eqn_6.12b_nls14	2199.99	-1.0	32.0	0.2	72.0	0.2	76.0
B346	93	GEO_Eqn_6.12b_nls14	2566.66	-1.0	36.0	0.2	72.0	0.1	63.0
B346	93	GEO_Eqn_6.12b_nls14	2933.32	-1.0	40.0	0.2	72.0	0.0	50.0
B346	93	GEO_Eqn_6.12b_nls14	3299.99	-1.0	44.0	0.2	72.0	0.0	34.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls14	3299.99	1.0	72.0	0.1	89.0	-0.1	34.0
B346	93	GEO_Eqn_6.12b_nls14	3666.65	1.0	76.0	0.1	89.0	-0.1	6.0
B346	93	GEO_Eqn_6.12b_nls14	4033.32	1.0	80.0	0.1	89.0	-0.1	-22.0
B346	93	GEO_Eqn_6.12b_nls14	4399.98	1.0	84.0	0.1	89.0	-0.2	-52.0
B346	93	GEO_Eqn_6.12b_nls14	4399.98	0.0	10.0	0.0	92.0	0.0	-13.0
B346	93	GEO_Eqn_6.12b_nls14	4699.98	0.0	13.0	0.0	92.0	0.0	-17.0
B346	93	GEO_Eqn_6.12b_nls14	4999.98	0.0	16.0	0.0	92.0	0.0	-21.0
B346	93	GEO_Eqn_6.12b_nls14	4999.98	-74.0	-105.0	1.0	-14.0	1.0	-88.0
B346	93	GEO_Eqn_6.12b_nls14	5287.48	-74.0	-102.0	1.0	-14.0	1.0	-58.0
B346	93	GEO_Eqn_6.12b_nls14	5574.98	-74.0	-99.0	1.0	-14.0	0.4	-30.0
B346	93	GEO_Eqn_6.12b_nls14	5574.98	-30.0	-50.0	1.0	-14.0	-0.3	-23.0
B346	93	GEO_Eqn_6.12b_nls14	5862.48	-30.0	-47.0	1.0	-14.0	-0.5	-9.0
B346	93	GEO_Eqn_6.12b_nls14	6149.98	-30.0	-44.0	1.0	-14.0	-1.0	4.0
B346	93	GEO_Eqn_6.12b_nls14	6149.98	32.0	-5.0	-1.0	-8.0	-1.0	2.0
B346	93	GEO_Eqn_6.12b_nls14	6437.48	32.0	-2.0	-1.0	-8.0	-1.0	3.0
B346	93	GEO_Eqn_6.12b_nls14	6724.98	32.0	1.0	-1.0	-8.0	-1.0	3.0
B346	93	GEO_Eqn_6.12b_nls14	6724.98	72.0	2.0	-1.0	-8.0	0.4	0.4
B346	93	GEO_Eqn_6.12b_nls14	7012.48	72.0	5.0	-1.0	-8.0	1.0	-1.0
B346	93	GEO_Eqn_6.12b_nls14	7299.98	72.0	8.0	-1.0	-8.0	1.0	-2.0
B346	93	GEO_Eqn_6.12b_nls14	7299.98	0.0	-1.0	0.0	3.0	0.0	-7.0
B346	93	GEO_Eqn_6.12b_nls14	7562.48	0.0	2.0	0.0	3.0	0.0	-7.0
B346	93	GEO_Eqn_6.12b_nls14	7824.98	0.0	4.0	0.0	3.0	0.0	-8.0
B346	93	GEO_Eqn_6.12b_nls14	7824.98	-0.4	-32.0	-1.0	17.0	-0.3	-9.0
B346	93	GEO_Eqn_6.12b_nls14	8262.48	-0.4	-28.0	-1.0	17.0	0.0	4.0
B346	93	GEO_Eqn_6.12b_nls14	8699.98	-0.4	-23.0	-1.0	17.0	0.3	15.0
B346	93	GEO_Eqn_6.12b_nls14	8699.98	0.4	1.0	1.0	30.0	0.4	15.0
B346	93	GEO_Eqn_6.12b_nls14	9137.48	0.4	5.0	1.0	30.0	0.0	14.0
B346	93	GEO_Eqn_6.12b_nls14	9574.98	0.4	10.0	1.0	30.0	-0.3	11.0
B346	93	GEO_Eqn_6.12b_nls14	9574.98	1.0	33.0	0.0	34.0	0.0	9.0
B346	93	GEO_Eqn_6.12b_nls14	9987.48	1.0	38.0	0.1	34.0	0.0	-6.0
B346	93	GEO_Eqn_6.12b_nls14	9987.48	-1.0	69.0	-0.1	34.0	0.0	-16.0
B346	93	GEO_Eqn_6.12b_nls14	10399.98	-1.0	73.0	-0.1	34.0	0.0	-45.0
B346	93	GEO_Eqn_6.12b_nls14	10399.98	-7.0	-7.0	0.0	-30.0	0.0	-40.0
B346	93	GEO_Eqn_6.12b_nls14	10787.48	-7.0	-3.0	0.0	-30.0	0.0	-38.0
B346	93	GEO_Eqn_6.12b_nls14	10787.48	7.0	-12.0	0.0	-30.0	0.0	-38.0
B346	93	GEO_Eqn_6.12b_nls14	11174.98	7.0	-8.0	0.0	-30.0	0.0	-34.0
B346	93	GEO_Eqn_6.12b_nls14	11174.98	-2.0	-69.0	-0.4	-24.0	-0.1	-35.0
B346	93	GEO_Eqn_6.12b_nls14	11560.4	-2.0	-65.0	-0.4	-24.0	0.0	-9.0
B346	93	GEO_Eqn_6.12b_nls14	11945.81	-2.0	-61.0	-0.4	-24.0	0.2	15.0
B346	93	GEO_Eqn_6.12b_nls14	12331.23	-2.0	-57.0	-0.4	-24.0	0.3	38.0
B346	93	GEO_Eqn_6.12b_nls14	12331.23	-1.0	-23.0	0.1	-5.0	0.4	39.0
B346	93	GEO_Eqn_6.12b_nls14	12716.65	-1.0	-19.0	0.1	-5.0	0.4	47.0
B346	93	GEO_Eqn_6.12b_nls14	13102.06	-1.0	-15.0	0.1	-5.0	0.3	53.0
B346	93	GEO_Eqn_6.12b_nls14	13487.48	-1.0	-11.0	0.1	-5.0	0.3	58.0
B346	93	GEO_Eqn_6.12b_nls14	13487.48	1.0	27.0	2.0	16.0	0.2	59.0
B346	93	GEO_Eqn_6.12b_nls14	13872.9	1.0	31.0	2.0	16.0	-0.4	48.0
B346	93	GEO_Eqn_6.12b_nls14	14258.31	1.0	35.0	2.0	16.0	-1.0	35.0
B346	93	GEO_Eqn_6.12b_nls14	14643.73	1.0	39.0	2.0	16.0	-2.0	21.0
B346	93	GEO_Eqn_6.12b_nls14	14643.73	2.0	57.0	-3.0	28.0	-1.0	21.0
B346	93	GEO_Eqn_6.12b_nls14	15029.15	2.0	61.0	-3.0	28.0	-0.3	-2.0
B346	93	GEO_Eqn_6.12b_nls14	15414.56	2.0	65.0	-3.0	28.0	1.0	-26.0
B346	93	GEO_Eqn_6.12b_nls14	15799.98	2.0	69.0	-3.0	28.0	2.0	-52.0
B346	93	GEO_Eqn_6.12b_nls14	15799.98	170.0	26.0	2.0	-9.0	1.0	-1.0
B346	93	GEO_Eqn_6.12b_nls14	16087.48	170.0	29.0	2.0	-9.0	1.0	-9.0
B346	93	GEO_Eqn_6.12b_nls14	16374.98	170.0	32.0	2.0	-9.0	0.3	-18.0
B346	93	GEO_Eqn_6.12b_nls14	16374.98	97.0	-2.0	2.0	-9.0	-2.0	-15.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls14	16662.48	97.0	1.0	2.0	-9.0	-2.0	-15.0
B346	93	GEO_Eqn_6.12b_nls14	16949.98	97.0	4.0	2.0	-9.0	-3.0	-15.0
B346	93	GEO_Eqn_6.12b_nls14	16949.98	6.0	-5.0	-2.0	0.5	-1.0	-11.0
B346	93	GEO_Eqn_6.12b_nls14	17237.48	6.0	-2.0	-2.0	0.5	-1.0	-10.0
B346	93	GEO_Eqn_6.12b_nls14	17524.98	6.0	1.0	-2.0	0.5	-0.5	-10.0
B346	93	GEO_Eqn_6.12b_nls14	17524.98	-37.0	-27.0	-2.0	0.4	1.0	-5.0
B346	93	GEO_Eqn_6.12b_nls14	17812.48	-37.0	-24.0	-2.0	0.4	2.0	2.0
B346	93	GEO_Eqn_6.12b_nls14	18099.98	-37.0	-21.0	-2.0	0.4	2.0	9.0
B346	93	GEO_Eqn_6.12b_nls14	18099.98	-94.0	-34.0	3.0	21.0	3.0	16.0
B346	93	GEO_Eqn_6.12b_nls14	18387.48	-94.0	-31.0	3.0	21.0	2.0	25.0
B346	93	GEO_Eqn_6.12b_nls14	18674.98	-94.0	-28.0	3.0	21.0	1.0	34.0
B346	93	GEO_Eqn_6.12b_nls14	18674.98	-142.0	-13.0	3.0	21.0	-1.0	40.0
B346	93	GEO_Eqn_6.12b_nls14	18962.48	-142.0	-10.0	3.0	21.0	-2.0	43.0
B346	93	GEO_Eqn_6.12b_nls14	19249.98	-142.0	-7.0	3.0	21.0	-3.0	46.0
B346	93	GEO_Eqn_6.12b_nls14	19249.98	5.0	151.0	-9.0	36.0	-3.0	48.0
B346	93	GEO_Eqn_6.12b_nls14	19574.98	5.0	154.0	-9.0	36.0	0.2	-1.0
B346	93	GEO_Eqn_6.12b_nls14	19899.98	5.0	158.0	-9.0	36.0	3.0	-52.0
B346	93	GEO_Eqn_6.12b_nls14	19899.98	-5.0	168.0	8.0	43.0	2.0	-54.0
B346	93	GEO_Eqn_6.12b_nls14	20224.98	-5.0	172.0	8.0	43.0	-0.2	-109.0
B346	93	GEO_Eqn_6.12b_nls14	20549.98	-5.0	175.0	8.0	43.0	-3.0	-166.0
B346	93	GEO_Eqn_6.12b_nls14	20549.98	16.0	61.0	-0.1	49.0	0.0	-163.0
B346	93	GEO_Eqn_6.12b_nls14	20874.98	16.0	65.0	-0.1	49.0	0.0	-183.0
B346	93	GEO_Eqn_6.12b_nls14	20874.98	-16.0	47.0	0.1	49.0	0.0	-195.0
B346	93	GEO_Eqn_6.12b_nls14	21199.98	-16.0	50.0	0.1	49.0	0.0	-211.0
B346	93	GEO_Eqn_6.12b_nls15	0	-6.0	-82.0	1.0	129.0	1.0	-63.0
B346	93	GEO_Eqn_6.12b_nls15	366.67	-6.0	-78.0	1.0	129.0	1.0	-34.0
B346	93	GEO_Eqn_6.12b_nls15	733.33	-6.0	-74.0	1.0	129.0	0.3	-6.0
B346	93	GEO_Eqn_6.12b_nls15	1100	-6.0	-70.0	1.0	129.0	-0.1	21.0
B346	93	GEO_Eqn_6.12b_nls15	1100	-2.0	-42.0	1.0	147.0	0.2	21.0
B346	93	GEO_Eqn_6.12b_nls15	1466.66	-2.0	-38.0	1.0	147.0	0.0	35.0
B346	93	GEO_Eqn_6.12b_nls15	1833.33	-2.0	-34.0	1.0	147.0	-0.3	48.0
B346	93	GEO_Eqn_6.12b_nls15	2199.99	-2.0	-30.0	1.0	147.0	-0.5	60.0
B346	93	GEO_Eqn_6.12b_nls15	2199.99	2.0	8.0	2.0	169.0	-0.3	61.0
B346	93	GEO_Eqn_6.12b_nls15	2566.66	2.0	12.0	2.0	169.0	-1.0	57.0
B346	93	GEO_Eqn_6.12b_nls15	2933.32	2.0	16.0	2.0	169.0	-1.0	52.0
B346	93	GEO_Eqn_6.12b_nls15	3299.99	2.0	20.0	2.0	169.0	-2.0	45.0
B346	93	GEO_Eqn_6.12b_nls15	3299.99	6.0	44.0	-5.0	182.0	-2.0	44.0
B346	93	GEO_Eqn_6.12b_nls15	3666.65	6.0	48.0	-5.0	182.0	-0.1	28.0
B346	93	GEO_Eqn_6.12b_nls15	4033.32	6.0	52.0	-5.0	182.0	2.0	9.0
B346	93	GEO_Eqn_6.12b_nls15	4399.98	6.0	56.0	-5.0	182.0	3.0	-10.0
B346	93	GEO_Eqn_6.12b_nls15	4399.98	0.0	56.0	0.0	179.0	0.0	-4.0
B346	93	GEO_Eqn_6.12b_nls15	4699.98	0.0	59.0	0.0	179.0	0.0	-21.0
B346	93	GEO_Eqn_6.12b_nls15	4999.98	0.0	63.0	0.0	179.0	0.0	-39.0
B346	93	GEO_Eqn_6.12b_nls15	4999.98	-148.0	-313.0	4.0	-18.0	4.0	-216.0
B346	93	GEO_Eqn_6.12b_nls15	5287.48	-148.0	-310.0	4.0	-18.0	3.0	-126.0
B346	93	GEO_Eqn_6.12b_nls15	5574.98	-148.0	-307.0	4.0	-18.0	2.0	-38.0
B346	93	GEO_Eqn_6.12b_nls15	5574.98	-46.0	-107.0	3.0	-18.0	-2.0	-18.0
B346	93	GEO_Eqn_6.12b_nls15	5862.48	-46.0	-104.0	3.0	-18.0	-3.0	12.0
B346	93	GEO_Eqn_6.12b_nls15	6149.98	-46.0	-101.0	3.0	-18.0	-4.0	42.0
B346	93	GEO_Eqn_6.12b_nls15	6149.98	71.0	-8.0	-4.0	-20.0	-5.0	34.0
B346	93	GEO_Eqn_6.12b_nls15	6437.48	71.0	-5.0	-4.0	-20.0	-4.0	36.0
B346	93	GEO_Eqn_6.12b_nls15	6724.98	71.0	-2.0	-4.0	-20.0	-2.0	37.0
B346	93	GEO_Eqn_6.12b_nls15	6724.98	123.0	-5.0	-4.0	-20.0	2.0	34.0
B346	93	GEO_Eqn_6.12b_nls15	7012.48	123.0	-2.0	-4.0	-20.0	3.0	35.0
B346	93	GEO_Eqn_6.12b_nls15	7299.98	123.0	1.0	-4.0	-20.0	5.0	35.0
B346	93	GEO_Eqn_6.12b_nls15	7299.98	0.0	-16.0	0.0	-14.0	0.0	33.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls15	7562.48	0.0	-14.0	0.0	-14.0	0.0	36.0
B346	93	GEO_Eqn_6.12b_nls15	7824.98	0.0	-11.0	0.0	-14.0	0.0	40.0
B346	93	GEO_Eqn_6.12b_nls15	7824.98	-1.0	-8.0	3.0	-4.0	1.0	42.0
B346	93	GEO_Eqn_6.12b_nls15	8262.48	-1.0	-3.0	3.0	-4.0	0.0	44.0
B346	93	GEO_Eqn_6.12b_nls15	8699.98	-1.0	1.0	3.0	-4.0	-1.0	45.0
B346	93	GEO_Eqn_6.12b_nls15	8699.98	1.0	24.0	-3.0	8.0	-1.0	44.0
B346	93	GEO_Eqn_6.12b_nls15	9137.48	1.0	28.0	-3.0	8.0	0.0	33.0
B346	93	GEO_Eqn_6.12b_nls15	9574.98	1.0	33.0	-3.0	8.0	1.0	20.0
B346	93	GEO_Eqn_6.12b_nls15	9574.98	6.0	90.0	1.0	6.0	0.1	21.0
B346	93	GEO_Eqn_6.12b_nls15	9987.48	6.0	95.0	1.0	6.0	-0.1	-17.0
B346	93	GEO_Eqn_6.12b_nls15	9987.48	-6.0	291.0	-1.0	6.0	-0.1	-52.0
B346	93	GEO_Eqn_6.12b_nls15	10399.98	-6.0	295.0	-1.0	6.0	0.1	-173.0
B346	93	GEO_Eqn_6.12b_nls15	10399.98	-0.3	-341.0	0.4	-22.0	0.1	-182.0
B346	93	GEO_Eqn_6.12b_nls15	10787.48	-0.3	-337.0	0.4	-22.0	-0.1	-51.0
B346	93	GEO_Eqn_6.12b_nls15	10787.48	0.3	-130.0	-0.4	-23.0	-0.1	-1.0
B346	93	GEO_Eqn_6.12b_nls15	11174.98	0.3	-126.0	-0.4	-23.0	0.1	49.0
B346	93	GEO_Eqn_6.12b_nls15	11174.98	-3.0	-15.0	2.0	-25.0	2.0	51.0
B346	93	GEO_Eqn_6.12b_nls15	11560.4	-3.0	-11.0	2.0	-25.0	1.0	56.0
B346	93	GEO_Eqn_6.12b_nls15	11945.81	-3.0	-7.0	2.0	-25.0	0.0	60.0
B346	93	GEO_Eqn_6.12b_nls15	12331.23	-3.0	-3.0	2.0	-25.0	-1.0	62.0
B346	93	GEO_Eqn_6.12b_nls15	12331.23	-3.0	28.0	-1.0	-9.0	-1.0	62.0
B346	93	GEO_Eqn_6.12b_nls15	12716.65	-3.0	33.0	-1.0	-9.0	-0.3	51.0
B346	93	GEO_Eqn_6.12b_nls15	13102.06	-3.0	37.0	-1.0	-9.0	-0.1	37.0
B346	93	GEO_Eqn_6.12b_nls15	13487.48	-3.0	41.0	-1.0	-9.0	0.2	22.0
B346	93	GEO_Eqn_6.12b_nls15	13487.48	-1.0	77.0	2.0	11.0	0.2	23.0
B346	93	GEO_Eqn_6.12b_nls15	13872.9	-1.0	81.0	2.0	11.0	-1.0	-8.0
B346	93	GEO_Eqn_6.12b_nls15	14258.31	-1.0	85.0	2.0	11.0	-1.0	-40.0
B346	93	GEO_Eqn_6.12b_nls15	14643.73	-1.0	89.0	2.0	11.0	-2.0	-73.0
B346	93	GEO_Eqn_6.12b_nls15	14643.73	7.0	109.0	-4.0	22.0	-1.0	-74.0
B346	93	GEO_Eqn_6.12b_nls15	15029.15	7.0	113.0	-4.0	22.0	0.0	-116.0
B346	93	GEO_Eqn_6.12b_nls15	15414.56	7.0	117.0	-3.0	22.0	1.0	-161.0
B346	93	GEO_Eqn_6.12b_nls15	15799.98	7.0	121.0	-3.0	22.0	3.0	-206.0
B346	93	GEO_Eqn_6.12b_nls15	15799.98	-330.0	-466.0	3.0	-23.0	6.0	-247.0
B346	93	GEO_Eqn_6.12b_nls15	16087.48	-330.0	-463.0	3.0	-23.0	5.0	-114.0
B346	93	GEO_Eqn_6.12b_nls15	16374.98	-330.0	-460.0	3.0	-23.0	4.0	19.0
B346	93	GEO_Eqn_6.12b_nls15	16374.98	-177.0	-91.0	2.0	-24.0	1.0	45.0
B346	93	GEO_Eqn_6.12b_nls15	16662.48	-177.0	-88.0	2.0	-24.0	0.2	70.0
B346	93	GEO_Eqn_6.12b_nls15	16949.98	-177.0	-85.0	2.0	-24.0	-0.3	95.0
B346	93	GEO_Eqn_6.12b_nls15	16949.98	15.0	26.0	0.5	-31.0	-3.0	76.0
B346	93	GEO_Eqn_6.12b_nls15	17237.48	15.0	29.0	0.5	-31.0	-4.0	68.0
B346	93	GEO_Eqn_6.12b_nls15	17524.98	15.0	32.0	0.5	-31.0	-4.0	59.0
B346	93	GEO_Eqn_6.12b_nls15	17524.98	103.0	16.0	0.1	-31.0	-4.0	50.0
B346	93	GEO_Eqn_6.12b_nls15	17812.48	103.0	19.0	0.1	-31.0	-4.0	45.0
B346	93	GEO_Eqn_6.12b_nls15	18099.98	103.0	22.0	0.1	-31.0	-4.0	39.0
B346	93	GEO_Eqn_6.12b_nls15	18099.98	176.0	4.0	-6.0	-25.0	-5.0	35.0
B346	93	GEO_Eqn_6.12b_nls15	18387.48	176.0	7.0	-6.0	-25.0	-3.0	33.0
B346	93	GEO_Eqn_6.12b_nls15	18674.98	176.0	10.0	-6.0	-25.0	-1.0	31.0
B346	93	GEO_Eqn_6.12b_nls15	18674.98	212.0	-54.0	-8.0	-26.0	4.0	31.0
B346	93	GEO_Eqn_6.12b_nls15	18962.48	212.0	-51.0	-8.0	-26.0	6.0	46.0
B346	93	GEO_Eqn_6.12b_nls15	19249.98	212.0	-48.0	-8.0	-26.0	8.0	60.0
B346	93	GEO_Eqn_6.12b_nls15	19249.98	-8.0	-87.0	15.0	-18.0	5.0	64.0
B346	93	GEO_Eqn_6.12b_nls15	19574.98	-8.0	-84.0	15.0	-18.0	-0.2	92.0
B346	93	GEO_Eqn_6.12b_nls15	19899.98	-8.0	-80.0	15.0	-18.0	-5.0	119.0
B346	93	GEO_Eqn_6.12b_nls15	19899.98	8.0	-69.0	-13.0	-11.0	-4.0	118.0
B346	93	GEO_Eqn_6.12b_nls15	20224.98	8.0	-65.0	-13.0	-11.0	0.2	140.0
B346	93	GEO_Eqn_6.12b_nls15	20549.98	8.0	-62.0	-13.0	-11.0	5.0	161.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls15	20549.98	-20.0	83.0	0.4	-19.0	0.1	156.0
B346	93	GEO_Eqn_6.12b_nls15	20874.98	-20.0	87.0	0.4	-19.0	-0.1	128.0
B346	93	GEO_Eqn_6.12b_nls15	20874.98	20.0	317.0	-0.4	-20.0	-0.1	77.0
B346	93	GEO_Eqn_6.12b_nls15	21199.98	20.0	321.0	-0.4	-20.0	0.1	-27.0
B346	93	GEO_Eqn_6.12b_nls16	0	-5.0	-106.0	1.0	118.0	1.0	-109.0
B346	93	GEO_Eqn_6.12b_nls16	366.67	-5.0	-102.0	1.0	118.0	1.0	-71.0
B346	93	GEO_Eqn_6.12b_nls16	733.33	-5.0	-98.0	1.0	118.0	0.3	-34.0
B346	93	GEO_Eqn_6.12b_nls16	1100	-5.0	-95.0	1.0	118.0	-0.1	1.0
B346	93	GEO_Eqn_6.12b_nls16	1100	-2.0	-66.0	0.5	135.0	0.1	1.0
B346	93	GEO_Eqn_6.12b_nls16	1466.66	-2.0	-63.0	0.5	135.0	0.0	25.0
B346	93	GEO_Eqn_6.12b_nls16	1833.33	-2.0	-59.0	0.5	135.0	-0.2	47.0
B346	93	GEO_Eqn_6.12b_nls16	2199.99	-2.0	-55.0	0.5	135.0	-0.4	68.0
B346	93	GEO_Eqn_6.12b_nls16	2199.99	2.0	-17.0	1.0	157.0	-0.2	69.0
B346	93	GEO_Eqn_6.12b_nls16	2566.66	2.0	-13.0	1.0	157.0	-1.0	74.0
B346	93	GEO_Eqn_6.12b_nls16	2933.32	2.0	-9.0	1.0	157.0	-1.0	78.0
B346	93	GEO_Eqn_6.12b_nls16	3299.99	2.0	-5.0	1.0	157.0	-2.0	81.0
B346	93	GEO_Eqn_6.12b_nls16	3299.99	5.0	18.0	-3.0	170.0	-1.0	81.0
B346	93	GEO_Eqn_6.12b_nls16	3666.65	5.0	22.0	-3.0	170.0	-0.1	73.0
B346	93	GEO_Eqn_6.12b_nls16	4033.32	5.0	26.0	-3.0	170.0	1.0	64.0
B346	93	GEO_Eqn_6.12b_nls16	4399.98	5.0	30.0	-3.0	170.0	2.0	54.0
B346	93	GEO_Eqn_6.12b_nls16	4399.98	0.0	79.0	0.0	166.0	0.0	12.0
B346	93	GEO_Eqn_6.12b_nls16	4699.98	0.0	82.0	0.0	166.0	0.0	-12.0
B346	93	GEO_Eqn_6.12b_nls16	4999.98	0.0	85.0	0.0	166.0	0.0	-38.0
B346	93	GEO_Eqn_6.12b_nls16	4999.98	-204.0	-339.0	3.0	-19.0	3.0	-223.0
B346	93	GEO_Eqn_6.12b_nls16	5287.48	-204.0	-336.0	3.0	-19.0	3.0	-126.0
B346	93	GEO_Eqn_6.12b_nls16	5574.98	-204.0	-333.0	3.0	-19.0	2.0	-30.0
B346	93	GEO_Eqn_6.12b_nls16	5574.98	-70.0	-110.0	2.0	-20.0	-1.0	-11.0
B346	93	GEO_Eqn_6.12b_nls16	5862.48	-70.0	-107.0	2.0	-20.0	-2.0	21.0
B346	93	GEO_Eqn_6.12b_nls16	6149.98	-70.0	-104.0	2.0	-20.0	-3.0	51.0
B346	93	GEO_Eqn_6.12b_nls16	6149.98	96.0	7.0	-3.0	-21.0	-4.0	40.0
B346	93	GEO_Eqn_6.12b_nls16	6437.48	96.0	10.0	-3.0	-21.0	-3.0	38.0
B346	93	GEO_Eqn_6.12b_nls16	6724.98	96.0	13.0	-3.0	-21.0	-2.0	35.0
B346	93	GEO_Eqn_6.12b_nls16	6724.98	178.0	28.0	-4.0	-21.0	2.0	27.0
B346	93	GEO_Eqn_6.12b_nls16	7012.48	178.0	31.0	-4.0	-21.0	3.0	18.0
B346	93	GEO_Eqn_6.12b_nls16	7299.98	178.0	34.0	-4.0	-21.0	4.0	9.0
B346	93	GEO_Eqn_6.12b_nls16	7299.98	0.0	10.0	0.0	-15.0	0.0	2.0
B346	93	GEO_Eqn_6.12b_nls16	7562.48	0.0	13.0	0.0	-15.0	0.0	-2.0
B346	93	GEO_Eqn_6.12b_nls16	7824.98	0.0	16.0	0.0	-15.0	0.0	-5.0
B346	93	GEO_Eqn_6.12b_nls16	7824.98	-2.0	-57.0	3.0	-4.0	1.0	-7.0
B346	93	GEO_Eqn_6.12b_nls16	8262.48	-2.0	-53.0	3.0	-4.0	0.0	17.0
B346	93	GEO_Eqn_6.12b_nls16	8699.98	-2.0	-48.0	3.0	-4.0	-2.0	39.0
B346	93	GEO_Eqn_6.12b_nls16	8699.98	2.0	-25.0	-3.0	8.0	-1.0	39.0
B346	93	GEO_Eqn_6.12b_nls16	9137.48	2.0	-21.0	-3.0	8.0	0.0	49.0
B346	93	GEO_Eqn_6.12b_nls16	9574.98	2.0	-16.0	-3.0	8.0	1.0	57.0
B346	93	GEO_Eqn_6.12b_nls16	9574.98	-3.0	119.0	1.0	5.0	0.1	55.0
B346	93	GEO_Eqn_6.12b_nls16	9987.48	-3.0	123.0	1.0	5.0	-0.1	5.0
B346	93	GEO_Eqn_6.12b_nls16	9987.48	3.0	346.0	-1.0	5.0	-0.1	-39.0
B346	93	GEO_Eqn_6.12b_nls16	10399.98	3.0	350.0	-1.0	5.0	0.1	-183.0
B346	93	GEO_Eqn_6.12b_nls16	10399.98	-13.0	-180.0	0.4	-28.0	0.1	-203.0
B346	93	GEO_Eqn_6.12b_nls16	10787.48	-13.0	-176.0	0.4	-28.0	-0.1	-134.0
B346	93	GEO_Eqn_6.12b_nls16	10787.48	13.0	-42.0	-0.4	-28.0	-0.1	-114.0
B346	93	GEO_Eqn_6.12b_nls16	11174.98	13.0	-38.0	-0.4	-28.0	0.1	-98.0
B346	93	GEO_Eqn_6.12b_nls16	11174.98	-3.0	-87.0	3.0	-29.0	2.0	-107.0
B346	93	GEO_Eqn_6.12b_nls16	11560.4	-3.0	-83.0	3.0	-29.0	1.0	-75.0
B346	93	GEO_Eqn_6.12b_nls16	11945.81	-3.0	-78.0	3.0	-29.0	0.0	-44.0
B346	93	GEO_Eqn_6.12b_nls16	12331.23	-3.0	-74.0	3.0	-29.0	-1.0	-14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B346	93	GEO_Eqn_6.12b_nls16	12331.23	-4.0	-41.0	-1.0	-11.0	-1.0	-13.0
B346	93	GEO_Eqn_6.12b_nls16	12716.65	-4.0	-37.0	-1.0	-11.0	-0.5	2.0
B346	93	GEO_Eqn_6.12b_nls16	13102.06	-4.0	-33.0	-1.0	-11.0	-0.2	16.0
B346	93	GEO_Eqn_6.12b_nls16	13487.48	-4.0	-29.0	-1.0	-11.0	0.1	28.0
B346	93	GEO_Eqn_6.12b_nls16	13487.48	-1.0	7.0	2.0	9.0	0.2	28.0
B346	93	GEO_Eqn_6.12b_nls16	13872.9	-1.0	11.0	2.0	9.0	-0.5	25.0
B346	93	GEO_Eqn_6.12b_nls16	14258.31	-1.0	15.0	2.0	9.0	-1.0	19.0
B346	93	GEO_Eqn_6.12b_nls16	14643.73	-1.0	20.0	2.0	9.0	-2.0	13.0
B346	93	GEO_Eqn_6.12b_nls16	14643.73	8.0	41.0	-3.0	20.0	-1.0	13.0
B346	93	GEO_Eqn_6.12b_nls16	15029.15	8.0	45.0	-3.0	20.0	0.1	-4.0
B346	93	GEO_Eqn_6.12b_nls16	15414.56	8.0	49.0	-3.0	20.0	1.0	-22.0
B346	93	GEO_Eqn_6.12b_nls16	15799.98	8.0	53.0	-3.0	20.0	2.0	-41.0
B346	93	GEO_Eqn_6.12b_nls16	15799.98	-427.0	-404.0	3.0	-17.0	5.0	-143.0
B346	93	GEO_Eqn_6.12b_nls16	16087.48	-427.0	-401.0	3.0	-17.0	4.0	-27.0
B346	93	GEO_Eqn_6.12b_nls16	16374.98	-427.0	-398.0	3.0	-17.0	3.0	88.0
B346	93	GEO_Eqn_6.12b_nls16	16374.98	-223.0	-36.0	1.0	-17.0	1.0	102.0
B346	93	GEO_Eqn_6.12b_nls16	16662.48	-223.0	-33.0	1.0	-17.0	1.0	112.0
B346	93	GEO_Eqn_6.12b_nls16	16949.98	-223.0	-30.0	1.0	-17.0	1.0	121.0
B346	93	GEO_Eqn_6.12b_nls16	16949.98	17.0	45.0	1.0	-24.0	-3.0	97.0
B346	93	GEO_Eqn_6.12b_nls16	17237.48	17.0	48.0	1.0	-24.0	-3.0	83.0
B346	93	GEO_Eqn_6.12b_nls16	17524.98	17.0	51.0	1.0	-24.0	-4.0	69.0
B346	93	GEO_Eqn_6.12b_nls16	17524.98	126.0	29.0	0.4	-25.0	-4.0	56.0
B346	93	GEO_Eqn_6.12b_nls16	17812.48	126.0	32.0	0.4	-25.0	-4.0	47.0
B346	93	GEO_Eqn_6.12b_nls16	18099.98	126.0	35.0	0.4	-25.0	-5.0	38.0
B346	93	GEO_Eqn_6.12b_nls16	18099.98	224.0	31.0	-7.0	-18.0	-6.0	31.0
B346	93	GEO_Eqn_6.12b_nls16	18387.48	224.0	34.0	-7.0	-18.0	-4.0	22.0
B346	93	GEO_Eqn_6.12b_nls16	18674.98	224.0	37.0	-7.0	-18.0	-2.0	12.0
B346	93	GEO_Eqn_6.12b_nls16	18674.98	283.0	-24.0	-9.0	-19.0	4.0	7.0
B346	93	GEO_Eqn_6.12b_nls16	18962.48	283.0	-21.0	-9.0	-19.0	6.0	13.0
B346	93	GEO_Eqn_6.12b_nls16	19249.98	283.0	-18.0	-9.0	-19.0	9.0	19.0
B346	93	GEO_Eqn_6.12b_nls16	19249.98	-10.0	-103.0	15.0	-9.0	5.0	19.0
B346	93	GEO_Eqn_6.12b_nls16	19574.98	-10.0	-100.0	15.0	-9.0	-0.3	52.0
B346	93	GEO_Eqn_6.12b_nls16	19899.98	-10.0	-97.0	15.0	-9.0	-5.0	84.0
B346	93	GEO_Eqn_6.12b_nls16	19899.98	10.0	-85.0	-14.0	-3.0	-4.0	84.0
B346	93	GEO_Eqn_6.12b_nls16	20224.98	10.0	-81.0	-14.0	-3.0	0.3	111.0
B346	93	GEO_Eqn_6.12b_nls16	20549.98	10.0	-78.0	-14.0	-3.0	5.0	137.0
B346	93	GEO_Eqn_6.12b_nls16	20549.98	-17.0	104.0	0.4	-10.0	0.1	131.0
B346	93	GEO_Eqn_6.12b_nls16	20874.98	-17.0	108.0	0.4	-10.0	-0.1	96.0
B346	93	GEO_Eqn_6.12b_nls16	20874.98	17.0	331.0	-0.4	-10.0	-0.1	39.0
B346	93	GEO_Eqn_6.12b_nls16	21199.98	17.0	334.0	-0.4	-10.0	0.1	-69.0
B358	17	GEO_Eqn_6.12b_nls01	0	2.0	-379.0	-0.4	-181.0	-1.0	-862.0
B358	17	GEO_Eqn_6.12b_nls01	366.49	2.0	-371.0	-0.4	-181.0	-0.5	-725.0
B358	17	GEO_Eqn_6.12b_nls01	732.99	2.0	-363.0	-0.4	-181.0	-0.3	-591.0
B358	17	GEO_Eqn_6.12b_nls01	1099.48	2.0	-355.0	-0.3	-181.0	-0.2	-459.0
B358	17	GEO_Eqn_6.12b_nls01	1099.48	1.0	-349.0	-0.2	-181.0	-0.3	-458.0
B358	17	GEO_Eqn_6.12b_nls01	1465.98	1.0	-341.0	-0.2	-181.0	-0.2	-332.0
B358	17	GEO_Eqn_6.12b_nls01	1832.47	1.0	-333.0	-0.2	-181.0	-0.1	-208.0
B358	17	GEO_Eqn_6.12b_nls01	2198.97	1.0	-325.0	-0.2	-181.0	0.0	-88.0
B358	17	GEO_Eqn_6.12b_nls01	2198.97	-0.1	-308.0	-0.1	-177.0	-0.1	-86.0
B358	17	GEO_Eqn_6.12b_nls01	2565.46	-0.1	-300.0	-0.1	-177.0	0.0	25.0
B358	17	GEO_Eqn_6.12b_nls01	2931.96	-0.1	-292.0	-0.1	-177.0	0.0	134.0
B358	17	GEO_Eqn_6.12b_nls01	3298.45	-0.1	-284.0	-0.1	-177.0	0.1	239.0
B358	17	GEO_Eqn_6.12b_nls01	3298.45	-1.0	-266.0	-0.1	-169.0	0.1	240.0
B358	17	GEO_Eqn_6.12b_nls01	3664.95	-1.0	-258.0	-0.1	-169.0	0.1	336.0
B358	17	GEO_Eqn_6.12b_nls01	4031.44	-1.0	-250.0	-0.1	-169.0	0.1	429.0
B358	17	GEO_Eqn_6.12b_nls01	4397.93	-1.0	-242.0	-0.1	-169.0	0.2	520.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls01	4397.93	-1.0	-211.0	-0.1	-155.0	0.1	520.0
B358	17	GEO_Eqn_6.12b_nls01	4764.43	-1.0	-203.0	-0.1	-155.0	0.2	596.0
B358	17	GEO_Eqn_6.12b_nls01	5130.92	-1.0	-195.0	0.0	-155.0	0.2	669.0
B358	17	GEO_Eqn_6.12b_nls01	5497.42	-1.0	-187.0	0.0	-155.0	0.2	739.0
B358	17	GEO_Eqn_6.12b_nls01	5497.42	-1.0	-151.0	0.0	-135.0	0.2	742.0
B358	17	GEO_Eqn_6.12b_nls01	5866.61	-1.0	-143.0	0.0	-135.0	0.2	796.0
B358	17	GEO_Eqn_6.12b_nls01	6235.79	-1.0	-135.0	0.0	-135.0	0.2	848.0
B358	17	GEO_Eqn_6.12b_nls01	6604.98	-1.0	-127.0	0.0	-135.0	0.2	896.0
B358	17	GEO_Eqn_6.12b_nls01	6604.98	-1.0	-74.0	0.1	-109.0	0.2	898.0
B358	17	GEO_Eqn_6.12b_nls01	6974.17	-1.0	-66.0	0.1	-109.0	0.2	924.0
B358	17	GEO_Eqn_6.12b_nls01	7343.36	-1.0	-58.0	0.1	-109.0	0.1	947.0
B358	17	GEO_Eqn_6.12b_nls01	7712.55	-1.0	-50.0	0.1	-109.0	0.1	967.0
B358	17	GEO_Eqn_6.12b_nls01	7712.55	-1.0	-26.0	0.1	-88.0	0.1	965.0
B358	17	GEO_Eqn_6.12b_nls01	8081.74	-1.0	-18.0	0.1	-88.0	0.1	973.0
B358	17	GEO_Eqn_6.12b_nls01	8450.92	-1.0	-10.0	0.1	-88.0	0.1	979.0
B358	17	GEO_Eqn_6.12b_nls01	8820.11	-1.0	-2.0	0.1	-88.0	0.1	981.0
B358	17	GEO_Eqn_6.12b_nls01	8820.11	0.0	65.0	0.0	-59.0	0.1	980.0
B358	17	GEO_Eqn_6.12b_nls01	9189.3	0.0	73.0	0.0	-59.0	0.1	955.0
B358	17	GEO_Eqn_6.12b_nls01	9558.49	0.0	81.0	0.0	-59.0	0.1	926.0
B358	17	GEO_Eqn_6.12b_nls01	9927.68	0.0	89.0	0.0	-59.0	0.1	895.0
B358	17	GEO_Eqn_6.12b_nls01	9927.68	0.2	129.0	0.0	-38.0	0.1	890.0
B358	17	GEO_Eqn_6.12b_nls01	10296.87	0.2	137.0	0.0	-38.0	0.1	841.0
B358	17	GEO_Eqn_6.12b_nls01	10666.05	0.2	145.0	0.0	-38.0	0.1	789.0
B358	17	GEO_Eqn_6.12b_nls01	11035.24	0.2	153.0	0.0	-38.0	0.1	734.0
B358	17	GEO_Eqn_6.12b_nls01	11035.24	1.0	203.0	0.0	-17.0	0.1	726.0
B358	17	GEO_Eqn_6.12b_nls01	11404.43	1.0	211.0	0.0	-17.0	0.2	649.0
B358	17	GEO_Eqn_6.12b_nls01	11773.62	1.0	219.0	0.0	-17.0	0.2	570.0
B358	17	GEO_Eqn_6.12b_nls01	12142.81	1.0	227.0	0.0	-17.0	0.2	487.0
B358	17	GEO_Eqn_6.12b_nls01	12142.81	1.0	277.0	0.2	1.0	0.2	482.0
B358	17	GEO_Eqn_6.12b_nls01	12512	1.0	285.0	0.2	1.0	0.1	378.0
B358	17	GEO_Eqn_6.12b_nls01	12881.18	1.0	293.0	0.2	1.0	0.1	271.0
B358	17	GEO_Eqn_6.12b_nls01	13250.37	1.0	301.0	0.2	1.0	0.0	162.0
B358	17	GEO_Eqn_6.12b_nls01	13250.37	1.0	337.0	1.0	15.0	0.0	159.0
B358	17	GEO_Eqn_6.12b_nls01	13619.56	1.0	345.0	1.0	15.0	-0.4	33.0
B358	17	GEO_Eqn_6.12b_nls01	13988.75	1.0	353.0	1.0	15.0	-1.0	-96.0
B358	17	GEO_Eqn_6.12b_nls01	14357.94	1.0	361.0	1.0	15.0	-1.0	-228.0
B358	17	GEO_Eqn_6.12b_nls02	0	2.0	-374.0	-0.4	-186.0	-1.0	-818.0
B358	17	GEO_Eqn_6.12b_nls02	366.49	2.0	-366.0	-0.4	-186.0	-0.5	-683.0
B358	17	GEO_Eqn_6.12b_nls02	732.99	2.0	-358.0	-0.4	-186.0	-0.3	-550.0
B358	17	GEO_Eqn_6.12b_nls02	1099.48	2.0	-350.0	-0.4	-186.0	-0.2	-420.0
B358	17	GEO_Eqn_6.12b_nls02	1099.48	1.0	-344.0	-0.2	-186.0	-0.2	-419.0
B358	17	GEO_Eqn_6.12b_nls02	1465.98	1.0	-336.0	-0.2	-186.0	-0.2	-294.0
B358	17	GEO_Eqn_6.12b_nls02	1832.47	1.0	-328.0	-0.2	-186.0	-0.1	-173.0
B358	17	GEO_Eqn_6.12b_nls02	2198.97	1.0	-320.0	-0.2	-186.0	0.0	-54.0
B358	17	GEO_Eqn_6.12b_nls02	2198.97	0.1	-303.0	-0.1	-182.0	0.0	-53.0
B358	17	GEO_Eqn_6.12b_nls02	2565.46	0.1	-295.0	-0.1	-182.0	0.0	57.0
B358	17	GEO_Eqn_6.12b_nls02	2931.96	0.1	-287.0	-0.1	-182.0	0.1	164.0
B358	17	GEO_Eqn_6.12b_nls02	3298.45	0.1	-279.0	-0.1	-182.0	0.1	267.0
B358	17	GEO_Eqn_6.12b_nls02	3298.45	-1.0	-261.0	-0.1	-174.0	0.1	269.0
B358	17	GEO_Eqn_6.12b_nls02	3664.95	-1.0	-253.0	-0.1	-174.0	0.1	363.0
B358	17	GEO_Eqn_6.12b_nls02	4031.44	-1.0	-245.0	-0.1	-174.0	0.1	454.0
B358	17	GEO_Eqn_6.12b_nls02	4397.93	-1.0	-237.0	-0.1	-174.0	0.2	542.0
B358	17	GEO_Eqn_6.12b_nls02	4397.93	-1.0	-205.0	0.0	-159.0	0.1	543.0
B358	17	GEO_Eqn_6.12b_nls02	4764.43	-1.0	-197.0	0.0	-159.0	0.2	616.0
B358	17	GEO_Eqn_6.12b_nls02	5130.92	-1.0	-189.0	0.0	-159.0	0.2	687.0
B358	17	GEO_Eqn_6.12b_nls02	5497.42	-1.0	-182.0	0.0	-159.0	0.2	755.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls02	5497.42	-1.0	-145.0	0.0	-139.0	0.2	758.0
B358	17	GEO_Eqn_6.12b_nls02	5866.61	-1.0	-137.0	0.0	-139.0	0.2	810.0
B358	17	GEO_Eqn_6.12b_nls02	6235.79	-1.0	-129.0	0.0	-139.0	0.2	860.0
B358	17	GEO_Eqn_6.12b_nls02	6604.98	-1.0	-121.0	0.0	-139.0	0.2	906.0
B358	17	GEO_Eqn_6.12b_nls02	6604.98	-1.0	-68.0	0.1	-113.0	0.2	908.0
B358	17	GEO_Eqn_6.12b_nls02	6974.17	-1.0	-60.0	0.1	-113.0	0.1	932.0
B358	17	GEO_Eqn_6.12b_nls02	7343.36	-1.0	-52.0	0.1	-113.0	0.1	952.0
B358	17	GEO_Eqn_6.12b_nls02	7712.55	-1.0	-44.0	0.1	-113.0	0.1	970.0
B358	17	GEO_Eqn_6.12b_nls02	7712.55	-1.0	-20.0	0.0	-92.0	0.1	968.0
B358	17	GEO_Eqn_6.12b_nls02	8081.74	-1.0	-12.0	0.0	-92.0	0.1	974.0
B358	17	GEO_Eqn_6.12b_nls02	8450.92	-1.0	-4.0	0.0	-92.0	0.1	977.0
B358	17	GEO_Eqn_6.12b_nls02	8820.11	-1.0	4.0	0.0	-92.0	0.1	977.0
B358	17	GEO_Eqn_6.12b_nls02	8820.11	-0.1	72.0	0.0	-63.0	0.1	976.0
B358	17	GEO_Eqn_6.12b_nls02	9189.3	-0.1	80.0	0.0	-63.0	0.1	948.0
B358	17	GEO_Eqn_6.12b_nls02	9558.49	-0.1	87.0	0.0	-63.0	0.1	917.0
B358	17	GEO_Eqn_6.12b_nls02	9927.68	-0.1	95.0	0.0	-63.0	0.1	884.0
B358	17	GEO_Eqn_6.12b_nls02	9927.68	0.0	136.0	0.0	-41.0	0.1	878.0
B358	17	GEO_Eqn_6.12b_nls02	10296.87	0.0	143.0	0.0	-41.0	0.1	827.0
B358	17	GEO_Eqn_6.12b_nls02	10666.05	0.0	151.0	0.0	-41.0	0.1	772.0
B358	17	GEO_Eqn_6.12b_nls02	11035.24	0.0	159.0	0.0	-41.0	0.1	715.0
B358	17	GEO_Eqn_6.12b_nls02	11035.24	0.2	210.0	0.0	-20.0	0.1	707.0
B358	17	GEO_Eqn_6.12b_nls02	11404.43	0.2	218.0	0.0	-20.0	0.1	628.0
B358	17	GEO_Eqn_6.12b_nls02	11773.62	0.2	226.0	0.0	-20.0	0.1	546.0
B358	17	GEO_Eqn_6.12b_nls02	12142.81	0.2	234.0	0.0	-20.0	0.2	461.0
B358	17	GEO_Eqn_6.12b_nls02	12142.81	0.5	283.0	0.2	-2.0	0.2	456.0
B358	17	GEO_Eqn_6.12b_nls02	12512	0.5	291.0	0.2	-2.0	0.1	350.0
B358	17	GEO_Eqn_6.12b_nls02	12881.18	0.5	299.0	0.2	-2.0	0.0	241.0
B358	17	GEO_Eqn_6.12b_nls02	13250.37	0.5	307.0	0.2	-2.0	0.0	129.0
B358	17	GEO_Eqn_6.12b_nls02	13250.37	1.0	343.0	1.0	12.0	0.0	126.0
B358	17	GEO_Eqn_6.12b_nls02	13619.56	1.0	351.0	1.0	12.0	-0.4	-2.0
B358	17	GEO_Eqn_6.12b_nls02	13988.75	1.0	359.0	1.0	12.0	-1.0	-133.0
B358	17	GEO_Eqn_6.12b_nls02	14357.94	1.0	367.0	1.0	12.0	-1.0	-266.0
B358	17	GEO_Eqn_6.12b_nls03	0	-2.0	-356.0	0.1	-213.0	0.2	-795.0
B358	17	GEO_Eqn_6.12b_nls03	366.49	-2.0	-349.0	0.1	-213.0	0.1	-666.0
B358	17	GEO_Eqn_6.12b_nls03	732.99	-2.0	-341.0	0.1	-213.0	0.1	-539.0
B358	17	GEO_Eqn_6.12b_nls03	1099.48	-2.0	-333.0	0.1	-213.0	0.0	-416.0
B358	17	GEO_Eqn_6.12b_nls03	1099.48	-2.0	-329.0	0.0	-213.0	0.0	-415.0
B358	17	GEO_Eqn_6.12b_nls03	1465.98	-2.0	-321.0	0.0	-213.0	0.0	-296.0
B358	17	GEO_Eqn_6.12b_nls03	1832.47	-2.0	-313.0	0.0	-213.0	0.0	-180.0
B358	17	GEO_Eqn_6.12b_nls03	2198.97	-2.0	-305.0	0.0	-213.0	0.0	-67.0
B358	17	GEO_Eqn_6.12b_nls03	2198.97	-2.0	-290.0	0.0	-210.0	0.0	-66.0
B358	17	GEO_Eqn_6.12b_nls03	2565.46	-2.0	-282.0	0.0	-210.0	0.0	39.0
B358	17	GEO_Eqn_6.12b_nls03	2931.96	-2.0	-274.0	0.0	-210.0	0.0	141.0
B358	17	GEO_Eqn_6.12b_nls03	3298.45	-2.0	-266.0	0.0	-210.0	0.0	240.0
B358	17	GEO_Eqn_6.12b_nls03	3298.45	-2.0	-249.0	0.0	-202.0	0.0	241.0
B358	17	GEO_Eqn_6.12b_nls03	3664.95	-2.0	-241.0	0.0	-202.0	0.0	331.0
B358	17	GEO_Eqn_6.12b_nls03	4031.44	-2.0	-233.0	0.0	-202.0	0.0	418.0
B358	17	GEO_Eqn_6.12b_nls03	4397.93	-2.0	-225.0	0.0	-202.0	0.0	501.0
B358	17	GEO_Eqn_6.12b_nls03	4397.93	-1.0	-194.0	0.0	-186.0	0.0	502.0
B358	17	GEO_Eqn_6.12b_nls03	4764.43	-1.0	-187.0	0.0	-186.0	0.0	572.0
B358	17	GEO_Eqn_6.12b_nls03	5130.92	-1.0	-179.0	0.0	-186.0	0.0	639.0
B358	17	GEO_Eqn_6.12b_nls03	5497.42	-1.0	-171.0	0.0	-186.0	0.0	703.0
B358	17	GEO_Eqn_6.12b_nls03	5497.42	-1.0	-134.0	0.0	-164.0	0.0	706.0
B358	17	GEO_Eqn_6.12b_nls03	5866.61	-1.0	-127.0	0.0	-164.0	0.0	754.0
B358	17	GEO_Eqn_6.12b_nls03	6235.79	-1.0	-119.0	0.0	-164.0	0.0	799.0
B358	17	GEO_Eqn_6.12b_nls03	6604.98	-1.0	-111.0	0.0	-164.0	0.0	842.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls03	6604.98	-0.5	-56.0	0.0	-135.0	0.0	844.0
B358	17	GEO_Eqn_6.12b_nls03	6974.17	-0.5	-48.0	0.0	-135.0	0.0	863.0
B358	17	GEO_Eqn_6.12b_nls03	7343.36	-0.4	-40.0	0.0	-135.0	0.0	879.0
B358	17	GEO_Eqn_6.12b_nls03	7712.55	-0.4	-32.0	0.1	-135.0	0.0	893.0
B358	17	GEO_Eqn_6.12b_nls03	7712.55	0.1	-8.0	0.1	-111.0	0.0	890.0
B358	17	GEO_Eqn_6.12b_nls03	8081.74	0.1	0.5	0.1	-111.0	0.0	892.0
B358	17	GEO_Eqn_6.12b_nls03	8450.92	0.1	8.0	0.1	-111.0	-0.1	890.0
B358	17	GEO_Eqn_6.12b_nls03	8820.11	0.1	16.0	0.1	-111.0	-0.1	885.0
B358	17	GEO_Eqn_6.12b_nls03	8820.11	1.0	87.0	0.1	-78.0	0.0	885.0
B358	17	GEO_Eqn_6.12b_nls03	9189.3	1.0	95.0	0.1	-78.0	-0.1	851.0
B358	17	GEO_Eqn_6.12b_nls03	9558.49	1.0	103.0	0.1	-78.0	-0.1	815.0
B358	17	GEO_Eqn_6.12b_nls03	9927.68	1.0	111.0	0.1	-78.0	-0.2	775.0
B358	17	GEO_Eqn_6.12b_nls03	9927.68	2.0	153.0	0.1	-52.0	-0.1	769.0
B358	17	GEO_Eqn_6.12b_nls03	10296.87	2.0	161.0	0.1	-52.0	-0.2	712.0
B358	17	GEO_Eqn_6.12b_nls03	10666.05	2.0	169.0	0.1	-52.0	-0.2	651.0
B358	17	GEO_Eqn_6.12b_nls03	11035.24	2.0	177.0	0.1	-52.0	-0.3	587.0
B358	17	GEO_Eqn_6.12b_nls03	11035.24	2.0	230.0	0.0	-27.0	-0.2	579.0
B358	17	GEO_Eqn_6.12b_nls03	11404.43	2.0	238.0	0.0	-27.0	-0.2	492.0
B358	17	GEO_Eqn_6.12b_nls03	11773.62	2.0	245.0	0.1	-27.0	-0.2	403.0
B358	17	GEO_Eqn_6.12b_nls03	12142.81	2.0	253.0	0.1	-27.0	-0.3	311.0
B358	17	GEO_Eqn_6.12b_nls03	12142.81	3.0	306.0	-0.2	-5.0	-0.2	305.0
B358	17	GEO_Eqn_6.12b_nls03	12512	3.0	314.0	-0.2	-5.0	-0.2	191.0
B358	17	GEO_Eqn_6.12b_nls03	12881.18	3.0	322.0	-0.2	-5.0	-0.1	73.0
B358	17	GEO_Eqn_6.12b_nls03	13250.37	3.0	330.0	-0.2	-5.0	0.0	-47.0
B358	17	GEO_Eqn_6.12b_nls03	13250.37	3.0	368.0	-1.0	14.0	0.0	-50.0
B358	17	GEO_Eqn_6.12b_nls03	13619.56	3.0	376.0	-1.0	14.0	0.4	-187.0
B358	17	GEO_Eqn_6.12b_nls03	13988.75	3.0	384.0	-1.0	14.0	1.0	-327.0
B358	17	GEO_Eqn_6.12b_nls03	14357.94	3.0	392.0	-1.0	14.0	1.0	-471.0
B358	17	GEO_Eqn_6.12b_nls04	0	-1.0	-347.0	0.0	-224.0	0.1	-709.0
B358	17	GEO_Eqn_6.12b_nls04	366.49	-1.0	-339.0	0.0	-224.0	0.1	-583.0
B358	17	GEO_Eqn_6.12b_nls04	732.99	-1.0	-331.0	0.1	-224.0	0.1	-460.0
B358	17	GEO_Eqn_6.12b_nls04	1099.48	-1.0	-324.0	0.1	-224.0	0.0	-340.0
B358	17	GEO_Eqn_6.12b_nls04	1099.48	-1.0	-319.0	0.0	-224.0	0.0	-339.0
B358	17	GEO_Eqn_6.12b_nls04	1465.98	-1.0	-311.0	0.0	-224.0	0.0	-224.0
B358	17	GEO_Eqn_6.12b_nls04	1832.47	-1.0	-303.0	0.0	-224.0	0.0	-111.0
B358	17	GEO_Eqn_6.12b_nls04	2198.97	-1.0	-295.0	0.0	-224.0	0.0	-2.0
B358	17	GEO_Eqn_6.12b_nls04	2198.97	-1.0	-280.0	0.0	-220.0	0.0	-0.4
B358	17	GEO_Eqn_6.12b_nls04	2565.46	-1.0	-272.0	0.0	-220.0	0.0	101.0
B358	17	GEO_Eqn_6.12b_nls04	2931.96	-1.0	-264.0	0.0	-220.0	0.0	199.0
B358	17	GEO_Eqn_6.12b_nls04	3298.45	-1.0	-256.0	0.0	-220.0	0.0	294.0
B358	17	GEO_Eqn_6.12b_nls04	3298.45	-1.0	-238.0	0.0	-212.0	0.0	295.0
B358	17	GEO_Eqn_6.12b_nls04	3664.95	-1.0	-231.0	0.0	-212.0	0.0	381.0
B358	17	GEO_Eqn_6.12b_nls04	4031.44	-1.0	-223.0	0.0	-212.0	0.0	464.0
B358	17	GEO_Eqn_6.12b_nls04	4397.93	-1.0	-215.0	0.0	-212.0	0.0	544.0
B358	17	GEO_Eqn_6.12b_nls04	4397.93	-1.0	-183.0	0.0	-196.0	0.0	545.0
B358	17	GEO_Eqn_6.12b_nls04	4764.43	-1.0	-176.0	0.0	-196.0	0.0	611.0
B358	17	GEO_Eqn_6.12b_nls04	5130.92	-1.0	-168.0	0.0	-196.0	0.0	674.0
B358	17	GEO_Eqn_6.12b_nls04	5497.42	-1.0	-160.0	0.0	-196.0	0.0	734.0
B358	17	GEO_Eqn_6.12b_nls04	5497.42	-1.0	-123.0	0.0	-173.0	0.0	737.0
B358	17	GEO_Eqn_6.12b_nls04	5866.61	-1.0	-115.0	0.0	-173.0	0.0	781.0
B358	17	GEO_Eqn_6.12b_nls04	6235.79	-1.0	-107.0	0.0	-173.0	0.0	822.0
B358	17	GEO_Eqn_6.12b_nls04	6604.98	-1.0	-99.0	0.0	-173.0	0.0	860.0
B358	17	GEO_Eqn_6.12b_nls04	6604.98	-0.3	-44.0	0.0	-143.0	0.0	862.0
B358	17	GEO_Eqn_6.12b_nls04	6974.17	-0.3	-36.0	0.0	-143.0	0.0	877.0
B358	17	GEO_Eqn_6.12b_nls04	7343.36	-0.3	-28.0	0.0	-143.0	0.0	888.0
B358	17	GEO_Eqn_6.12b_nls04	7712.55	-0.3	-20.0	0.0	-143.0	0.0	897.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls04	7712.55	0.0	5.0	0.1	-119.0	0.0	895.0
B358	17	GEO_Eqn_6.12b_nls04	8081.74	0.0	13.0	0.1	-119.0	0.0	892.0
B358	17	GEO_Eqn_6.12b_nls04	8450.92	0.0	21.0	0.1	-119.0	0.0	885.0
B358	17	GEO_Eqn_6.12b_nls04	8820.11	0.0	29.0	0.1	-119.0	-0.1	876.0
B358	17	GEO_Eqn_6.12b_nls04	8820.11	0.5	100.0	0.1	-85.0	0.0	875.0
B358	17	GEO_Eqn_6.12b_nls04	9189.3	1.0	108.0	0.1	-85.0	0.0	837.0
B358	17	GEO_Eqn_6.12b_nls04	9558.49	1.0	116.0	0.1	-85.0	-0.1	796.0
B358	17	GEO_Eqn_6.12b_nls04	9927.68	1.0	124.0	0.1	-85.0	-0.1	752.0
B358	17	GEO_Eqn_6.12b_nls04	9927.68	1.0	166.0	0.1	-59.0	-0.1	746.0
B358	17	GEO_Eqn_6.12b_nls04	10296.87	1.0	174.0	0.1	-59.0	-0.1	683.0
B358	17	GEO_Eqn_6.12b_nls04	10666.05	1.0	182.0	0.1	-59.0	-0.2	618.0
B358	17	GEO_Eqn_6.12b_nls04	11035.24	1.0	190.0	0.1	-59.0	-0.2	549.0
B358	17	GEO_Eqn_6.12b_nls04	11035.24	2.0	242.0	0.1	-34.0	-0.2	541.0
B358	17	GEO_Eqn_6.12b_nls04	11404.43	2.0	250.0	0.1	-34.0	-0.2	450.0
B358	17	GEO_Eqn_6.12b_nls04	11773.62	2.0	258.0	0.1	-34.0	-0.2	356.0
B358	17	GEO_Eqn_6.12b_nls04	12142.81	2.0	266.0	0.1	-34.0	-0.3	259.0
B358	17	GEO_Eqn_6.12b_nls04	12142.81	2.0	318.0	-0.2	-11.0	-0.3	253.0
B358	17	GEO_Eqn_6.12b_nls04	12512	2.0	326.0	-0.1	-11.0	-0.2	134.0
B358	17	GEO_Eqn_6.12b_nls04	12881.18	2.0	334.0	-0.1	-11.0	-0.2	12.0
B358	17	GEO_Eqn_6.12b_nls04	13250.37	2.0	342.0	-0.1	-11.0	-0.1	-113.0
B358	17	GEO_Eqn_6.12b_nls04	13250.37	2.0	379.0	-1.0	7.0	-0.1	-115.0
B358	17	GEO_Eqn_6.12b_nls04	13619.56	2.0	387.0	-1.0	7.0	0.3	-257.0
B358	17	GEO_Eqn_6.12b_nls04	13988.75	2.0	395.0	-1.0	7.0	1.0	-401.0
B358	17	GEO_Eqn_6.12b_nls04	14357.94	2.0	403.0	-1.0	7.0	1.0	-548.0
B358	17	GEO_Eqn_6.12b_nls05	0	2.0	-377.0	-0.4	-185.0	-1.0	-845.0
B358	17	GEO_Eqn_6.12b_nls05	366.49	2.0	-369.0	-0.4	-185.0	-0.5	-709.0
B358	17	GEO_Eqn_6.12b_nls05	732.99	2.0	-361.0	-0.3	-185.0	-0.3	-575.0
B358	17	GEO_Eqn_6.12b_nls05	1099.48	2.0	-353.0	-0.3	-185.0	-0.2	-444.0
B358	17	GEO_Eqn_6.12b_nls05	1099.48	1.0	-347.0	-0.2	-185.0	-0.2	-443.0
B358	17	GEO_Eqn_6.12b_nls05	1465.98	1.0	-339.0	-0.2	-185.0	-0.2	-317.0
B358	17	GEO_Eqn_6.12b_nls05	1832.47	1.0	-331.0	-0.2	-185.0	-0.1	-195.0
B358	17	GEO_Eqn_6.12b_nls05	2198.97	1.0	-323.0	-0.2	-185.0	0.0	-75.0
B358	17	GEO_Eqn_6.12b_nls05	2198.97	0.0	-306.0	-0.1	-181.0	-0.1	-74.0
B358	17	GEO_Eqn_6.12b_nls05	2565.46	0.0	-298.0	-0.1	-181.0	0.0	37.0
B358	17	GEO_Eqn_6.12b_nls05	2931.96	0.0	-290.0	-0.1	-181.0	0.0	145.0
B358	17	GEO_Eqn_6.12b_nls05	3298.45	0.0	-282.0	-0.1	-181.0	0.1	250.0
B358	17	GEO_Eqn_6.12b_nls05	3298.45	-1.0	-264.0	-0.1	-174.0	0.1	251.0
B358	17	GEO_Eqn_6.12b_nls05	3664.95	-1.0	-256.0	-0.1	-174.0	0.1	346.0
B358	17	GEO_Eqn_6.12b_nls05	4031.44	-1.0	-248.0	-0.1	-174.0	0.1	439.0
B358	17	GEO_Eqn_6.12b_nls05	4397.93	-1.0	-240.0	-0.1	-174.0	0.2	528.0
B358	17	GEO_Eqn_6.12b_nls05	4397.93	-1.0	-209.0	0.0	-159.0	0.1	529.0
B358	17	GEO_Eqn_6.12b_nls05	4764.43	-1.0	-201.0	0.0	-159.0	0.2	604.0
B358	17	GEO_Eqn_6.12b_nls05	5130.92	-1.0	-193.0	0.0	-159.0	0.2	676.0
B358	17	GEO_Eqn_6.12b_nls05	5497.42	-1.0	-185.0	0.0	-159.0	0.2	745.0
B358	17	GEO_Eqn_6.12b_nls05	5497.42	-1.0	-149.0	0.0	-139.0	0.2	748.0
B358	17	GEO_Eqn_6.12b_nls05	5866.61	-1.0	-141.0	0.0	-139.0	0.2	802.0
B358	17	GEO_Eqn_6.12b_nls05	6235.79	-1.0	-133.0	0.0	-139.0	0.2	852.0
B358	17	GEO_Eqn_6.12b_nls05	6604.98	-1.0	-125.0	0.0	-139.0	0.2	900.0
B358	17	GEO_Eqn_6.12b_nls05	6604.98	-1.0	-72.0	0.1	-113.0	0.2	902.0
B358	17	GEO_Eqn_6.12b_nls05	6974.17	-1.0	-64.0	0.1	-113.0	0.1	927.0
B358	17	GEO_Eqn_6.12b_nls05	7343.36	-1.0	-56.0	0.1	-113.0	0.1	949.0
B358	17	GEO_Eqn_6.12b_nls05	7712.55	-1.0	-48.0	0.1	-113.0	0.1	969.0
B358	17	GEO_Eqn_6.12b_nls05	7712.55	-1.0	-24.0	0.0	-92.0	0.1	966.0
B358	17	GEO_Eqn_6.12b_nls05	8081.74	-1.0	-16.0	0.0	-92.0	0.1	974.0
B358	17	GEO_Eqn_6.12b_nls05	8450.92	-1.0	-8.0	0.1	-92.0	0.1	978.0
B358	17	GEO_Eqn_6.12b_nls05	8820.11	-1.0	-0.2	0.1	-92.0	0.0	980.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls05	8820.11	-0.1	67.0	0.0	-63.0	0.1	979.0
B358	17	GEO_Eqn_6.12b_nls05	9189.3	-0.1	75.0	0.0	-63.0	0.1	953.0
B358	17	GEO_Eqn_6.12b_nls05	9558.49	-0.1	83.0	0.0	-63.0	0.1	924.0
B358	17	GEO_Eqn_6.12b_nls05	9927.68	-0.1	91.0	0.0	-63.0	0.1	891.0
B358	17	GEO_Eqn_6.12b_nls05	9927.68	0.1	131.0	0.0	-42.0	0.1	886.0
B358	17	GEO_Eqn_6.12b_nls05	10296.87	0.1	139.0	0.0	-42.0	0.1	836.0
B358	17	GEO_Eqn_6.12b_nls05	10666.05	0.1	147.0	0.0	-42.0	0.1	783.0
B358	17	GEO_Eqn_6.12b_nls05	11035.24	0.1	155.0	0.0	-42.0	0.1	727.0
B358	17	GEO_Eqn_6.12b_nls05	11035.24	0.4	205.0	0.0	-21.0	0.1	719.0
B358	17	GEO_Eqn_6.12b_nls05	11404.43	0.4	213.0	0.0	-21.0	0.1	642.0
B358	17	GEO_Eqn_6.12b_nls05	11773.62	0.4	221.0	0.0	-21.0	0.2	562.0
B358	17	GEO_Eqn_6.12b_nls05	12142.81	0.4	229.0	0.0	-21.0	0.2	479.0
B358	17	GEO_Eqn_6.12b_nls05	12142.81	1.0	279.0	0.2	-3.0	0.2	473.0
B358	17	GEO_Eqn_6.12b_nls05	12512	1.0	287.0	0.2	-3.0	0.1	368.0
B358	17	GEO_Eqn_6.12b_nls05	12881.18	1.0	295.0	0.2	-3.0	0.1	261.0
B358	17	GEO_Eqn_6.12b_nls05	13250.37	1.0	303.0	0.2	-3.0	0.0	150.0
B358	17	GEO_Eqn_6.12b_nls05	13250.37	1.0	339.0	1.0	11.0	0.0	148.0
B358	17	GEO_Eqn_6.12b_nls05	13619.56	1.0	347.0	1.0	11.0	-0.4	21.0
B358	17	GEO_Eqn_6.12b_nls05	13988.75	1.0	355.0	1.0	11.0	-1.0	-108.0
B358	17	GEO_Eqn_6.12b_nls05	14357.94	1.0	363.0	1.0	11.0	-1.0	-241.0
B358	17	GEO_Eqn_6.12b_nls06	0	3.0	-368.0	-0.4	-197.0	-1.0	-759.0
B358	17	GEO_Eqn_6.12b_nls06	366.49	3.0	-360.0	-0.4	-197.0	-1.0	-625.0
B358	17	GEO_Eqn_6.12b_nls06	732.99	3.0	-352.0	-0.4	-197.0	-0.4	-495.0
B358	17	GEO_Eqn_6.12b_nls06	1099.48	3.0	-344.0	-0.4	-197.0	-0.2	-367.0
B358	17	GEO_Eqn_6.12b_nls06	1099.48	2.0	-338.0	-0.2	-196.0	-0.3	-366.0
B358	17	GEO_Eqn_6.12b_nls06	1465.98	2.0	-330.0	-0.2	-196.0	-0.2	-244.0
B358	17	GEO_Eqn_6.12b_nls06	1832.47	2.0	-322.0	-0.2	-196.0	-0.1	-124.0
B358	17	GEO_Eqn_6.12b_nls06	2198.97	2.0	-314.0	-0.2	-196.0	0.0	-8.0
B358	17	GEO_Eqn_6.12b_nls06	2198.97	1.0	-297.0	-0.2	-192.0	-0.1	-7.0
B358	17	GEO_Eqn_6.12b_nls06	2565.46	1.0	-289.0	-0.2	-192.0	0.0	101.0
B358	17	GEO_Eqn_6.12b_nls06	2931.96	1.0	-281.0	-0.1	-192.0	0.1	205.0
B358	17	GEO_Eqn_6.12b_nls06	3298.45	1.0	-273.0	-0.1	-192.0	0.1	306.0
B358	17	GEO_Eqn_6.12b_nls06	3298.45	-0.2	-254.0	-0.1	-184.0	0.1	308.0
B358	17	GEO_Eqn_6.12b_nls06	3664.95	-0.2	-246.0	-0.1	-184.0	0.1	399.0
B358	17	GEO_Eqn_6.12b_nls06	4031.44	-0.2	-238.0	-0.1	-184.0	0.1	488.0
B358	17	GEO_Eqn_6.12b_nls06	4397.93	-0.2	-230.0	-0.1	-184.0	0.2	574.0
B358	17	GEO_Eqn_6.12b_nls06	4397.93	-1.0	-198.0	-0.1	-169.0	0.2	574.0
B358	17	GEO_Eqn_6.12b_nls06	4764.43	-1.0	-190.0	-0.1	-169.0	0.2	646.0
B358	17	GEO_Eqn_6.12b_nls06	5130.92	-1.0	-182.0	0.0	-169.0	0.2	714.0
B358	17	GEO_Eqn_6.12b_nls06	5497.42	-1.0	-175.0	0.0	-169.0	0.2	779.0
B358	17	GEO_Eqn_6.12b_nls06	5497.42	-1.0	-138.0	0.0	-148.0	0.2	782.0
B358	17	GEO_Eqn_6.12b_nls06	5866.61	-1.0	-130.0	0.0	-148.0	0.2	832.0
B358	17	GEO_Eqn_6.12b_nls06	6235.79	-1.0	-122.0	0.0	-148.0	0.2	878.0
B358	17	GEO_Eqn_6.12b_nls06	6604.98	-1.0	-114.0	0.0	-148.0	0.2	922.0
B358	17	GEO_Eqn_6.12b_nls06	6604.98	-1.0	-60.0	0.1	-122.0	0.2	924.0
B358	17	GEO_Eqn_6.12b_nls06	6974.17	-1.0	-52.0	0.1	-122.0	0.2	945.0
B358	17	GEO_Eqn_6.12b_nls06	7343.36	-1.0	-44.0	0.1	-122.0	0.1	962.0
B358	17	GEO_Eqn_6.12b_nls06	7712.55	-1.0	-36.0	0.1	-122.0	0.1	977.0
B358	17	GEO_Eqn_6.12b_nls06	7712.55	-1.0	-12.0	0.0	-100.0	0.1	975.0
B358	17	GEO_Eqn_6.12b_nls06	8081.74	-1.0	-4.0	0.0	-100.0	0.1	978.0
B358	17	GEO_Eqn_6.12b_nls06	8450.92	-1.0	4.0	0.0	-100.0	0.1	978.0
B358	17	GEO_Eqn_6.12b_nls06	8820.11	-1.0	12.0	0.0	-100.0	0.1	975.0
B358	17	GEO_Eqn_6.12b_nls06	8820.11	-0.4	80.0	0.0	-71.0	0.1	974.0
B358	17	GEO_Eqn_6.12b_nls06	9189.3	-0.4	88.0	0.0	-71.0	0.1	944.0
B358	17	GEO_Eqn_6.12b_nls06	9558.49	-0.4	96.0	0.0	-71.0	0.1	910.0
B358	17	GEO_Eqn_6.12b_nls06	9927.68	-0.4	104.0	0.0	-71.0	0.1	873.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls06	9927.68	-0.4	144.0	-0.1	-49.0	0.1	868.0
B358	17	GEO_Eqn_6.12b_nls06	10296.87	-0.4	152.0	-0.1	-49.0	0.2	813.0
B358	17	GEO_Eqn_6.12b_nls06	10666.05	-0.4	160.0	-0.1	-49.0	0.2	756.0
B358	17	GEO_Eqn_6.12b_nls06	11035.24	-0.4	168.0	0.0	-49.0	0.2	695.0
B358	17	GEO_Eqn_6.12b_nls06	11035.24	-0.4	218.0	0.0	-28.0	0.2	687.0
B358	17	GEO_Eqn_6.12b_nls06	11404.43	-0.4	226.0	0.0	-28.0	0.2	605.0
B358	17	GEO_Eqn_6.12b_nls06	11773.62	-0.4	234.0	0.0	-28.0	0.2	521.0
B358	17	GEO_Eqn_6.12b_nls06	12142.81	-0.4	242.0	0.0	-28.0	0.2	433.0
B358	17	GEO_Eqn_6.12b_nls06	12142.81	-0.1	291.0	0.3	-10.0	0.2	427.0
B358	17	GEO_Eqn_6.12b_nls06	12512	-0.1	299.0	0.3	-10.0	0.1	318.0
B358	17	GEO_Eqn_6.12b_nls06	12881.18	-0.1	307.0	0.3	-10.0	0.0	207.0
B358	17	GEO_Eqn_6.12b_nls06	13250.37	-0.1	315.0	0.3	-10.0	-0.1	92.0
B358	17	GEO_Eqn_6.12b_nls06	13250.37	-0.1	349.0	1.0	4.0	-0.1	90.0
B358	17	GEO_Eqn_6.12b_nls06	13619.56	-0.1	357.0	1.0	4.0	-0.5	-41.0
B358	17	GEO_Eqn_6.12b_nls06	13988.75	-0.1	365.0	1.0	4.0	-1.0	-174.0
B358	17	GEO_Eqn_6.12b_nls06	14357.94	-0.1	373.0	1.0	4.0	-1.0	-311.0
B358	17	GEO_Eqn_6.12b_nls07	0	-2.0	-359.0	0.1	-208.0	0.1	-812.0
B358	17	GEO_Eqn_6.12b_nls07	366.49	-2.0	-351.0	0.1	-208.0	0.1	-682.0
B358	17	GEO_Eqn_6.12b_nls07	732.99	-2.0	-343.0	0.1	-208.0	0.1	-555.0
B358	17	GEO_Eqn_6.12b_nls07	1099.48	-2.0	-335.0	0.1	-208.0	0.0	-431.0
B358	17	GEO_Eqn_6.12b_nls07	1099.48	-2.0	-331.0	0.0	-208.0	0.0	-430.0
B358	17	GEO_Eqn_6.12b_nls07	1465.98	-2.0	-323.0	0.0	-208.0	0.0	-310.0
B358	17	GEO_Eqn_6.12b_nls07	1832.47	-2.0	-315.0	0.0	-208.0	0.0	-193.0
B358	17	GEO_Eqn_6.12b_nls07	2198.97	-2.0	-307.0	0.0	-208.0	0.0	-79.0
B358	17	GEO_Eqn_6.12b_nls07	2198.97	-2.0	-292.0	0.0	-205.0	0.0	-78.0
B358	17	GEO_Eqn_6.12b_nls07	2565.46	-2.0	-284.0	0.0	-205.0	0.0	27.0
B358	17	GEO_Eqn_6.12b_nls07	2931.96	-2.0	-276.0	0.0	-205.0	0.0	130.0
B358	17	GEO_Eqn_6.12b_nls07	3298.45	-2.0	-268.0	0.0	-205.0	0.0	230.0
B358	17	GEO_Eqn_6.12b_nls07	3298.45	-2.0	-251.0	0.0	-197.0	0.0	231.0
B358	17	GEO_Eqn_6.12b_nls07	3664.95	-2.0	-243.0	0.0	-197.0	0.0	321.0
B358	17	GEO_Eqn_6.12b_nls07	4031.44	-2.0	-235.0	0.0	-197.0	0.0	409.0
B358	17	GEO_Eqn_6.12b_nls07	4397.93	-2.0	-227.0	0.0	-197.0	0.0	494.0
B358	17	GEO_Eqn_6.12b_nls07	4397.93	-1.0	-197.0	0.0	-182.0	0.0	494.0
B358	17	GEO_Eqn_6.12b_nls07	4764.43	-1.0	-189.0	0.0	-182.0	0.0	565.0
B358	17	GEO_Eqn_6.12b_nls07	5130.92	-1.0	-181.0	0.0	-182.0	0.0	633.0
B358	17	GEO_Eqn_6.12b_nls07	5497.42	-1.0	-173.0	0.0	-182.0	0.0	697.0
B358	17	GEO_Eqn_6.12b_nls07	5497.42	-1.0	-137.0	0.0	-160.0	0.0	700.0
B358	17	GEO_Eqn_6.12b_nls07	5866.61	-1.0	-129.0	0.0	-160.0	0.0	749.0
B358	17	GEO_Eqn_6.12b_nls07	6235.79	-1.0	-121.0	0.0	-160.0	0.0	795.0
B358	17	GEO_Eqn_6.12b_nls07	6604.98	-1.0	-113.0	0.0	-160.0	0.0	839.0
B358	17	GEO_Eqn_6.12b_nls07	6604.98	-1.0	-58.0	0.0	-131.0	0.0	841.0
B358	17	GEO_Eqn_6.12b_nls07	6974.17	-1.0	-50.0	0.1	-131.0	0.0	861.0
B358	17	GEO_Eqn_6.12b_nls07	7343.36	-1.0	-42.0	0.1	-131.0	0.0	878.0
B358	17	GEO_Eqn_6.12b_nls07	7712.55	-1.0	-34.0	0.1	-131.0	0.0	892.0
B358	17	GEO_Eqn_6.12b_nls07	7712.55	0.0	-10.0	0.1	-107.0	0.0	890.0
B358	17	GEO_Eqn_6.12b_nls07	8081.74	0.0	-2.0	0.1	-107.0	0.0	892.0
B358	17	GEO_Eqn_6.12b_nls07	8450.92	0.0	6.0	0.1	-107.0	-0.1	891.0
B358	17	GEO_Eqn_6.12b_nls07	8820.11	0.0	14.0	0.1	-107.0	-0.1	888.0
B358	17	GEO_Eqn_6.12b_nls07	8820.11	1.0	84.0	0.1	-73.0	0.0	887.0
B358	17	GEO_Eqn_6.12b_nls07	9189.3	1.0	92.0	0.1	-73.0	-0.1	854.0
B358	17	GEO_Eqn_6.12b_nls07	9558.49	1.0	100.0	0.1	-73.0	-0.1	819.0
B358	17	GEO_Eqn_6.12b_nls07	9927.68	1.0	108.0	0.1	-73.0	-0.2	780.0
B358	17	GEO_Eqn_6.12b_nls07	9927.68	2.0	150.0	0.1	-48.0	-0.1	774.0
B358	17	GEO_Eqn_6.12b_nls07	10296.87	2.0	158.0	0.1	-48.0	-0.2	717.0
B358	17	GEO_Eqn_6.12b_nls07	10666.05	2.0	166.0	0.1	-48.0	-0.2	657.0
B358	17	GEO_Eqn_6.12b_nls07	11035.24	2.0	174.0	0.1	-48.0	-0.3	595.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls07	11035.24	2.0	227.0	0.0	-23.0	-0.2	586.0
B358	17	GEO_Eqn_6.12b_nls07	11404.43	2.0	235.0	0.0	-23.0	-0.2	501.0
B358	17	GEO_Eqn_6.12b_nls07	11773.62	2.0	243.0	0.1	-23.0	-0.2	413.0
B358	17	GEO_Eqn_6.12b_nls07	12142.81	2.0	251.0	0.1	-23.0	-0.3	321.0
B358	17	GEO_Eqn_6.12b_nls07	12142.81	3.0	304.0	-0.2	-1.0	-0.2	315.0
B358	17	GEO_Eqn_6.12b_nls07	12512	3.0	312.0	-0.2	-1.0	-0.2	202.0
B358	17	GEO_Eqn_6.12b_nls07	12881.18	3.0	320.0	-0.2	-1.0	-0.1	85.0
B358	17	GEO_Eqn_6.12b_nls07	13250.37	3.0	328.0	-0.2	-1.0	0.0	-34.0
B358	17	GEO_Eqn_6.12b_nls07	13250.37	3.0	366.0	-1.0	18.0	0.0	-37.0
B358	17	GEO_Eqn_6.12b_nls07	13619.56	3.0	374.0	-1.0	18.0	0.3	-174.0
B358	17	GEO_Eqn_6.12b_nls07	13988.75	3.0	382.0	-1.0	18.0	1.0	-313.0
B358	17	GEO_Eqn_6.12b_nls07	14357.94	3.0	390.0	-1.0	18.0	1.0	-456.0
B358	17	GEO_Eqn_6.12b_nls08	0	-2.0	-349.0	0.0	-218.0	0.1	-726.0
B358	17	GEO_Eqn_6.12b_nls08	366.49	-2.0	-341.0	0.0	-218.0	0.1	-599.0
B358	17	GEO_Eqn_6.12b_nls08	732.99	-2.0	-333.0	0.1	-218.0	0.1	-475.0
B358	17	GEO_Eqn_6.12b_nls08	1099.48	-2.0	-326.0	0.1	-218.0	0.0	-355.0
B358	17	GEO_Eqn_6.12b_nls08	1099.48	-2.0	-321.0	0.0	-219.0	0.0	-353.0
B358	17	GEO_Eqn_6.12b_nls08	1465.98	-2.0	-313.0	0.0	-219.0	0.0	-237.0
B358	17	GEO_Eqn_6.12b_nls08	1832.47	-2.0	-305.0	0.0	-219.0	0.0	-124.0
B358	17	GEO_Eqn_6.12b_nls08	2198.97	-2.0	-297.0	0.0	-219.0	0.0	-14.0
B358	17	GEO_Eqn_6.12b_nls08	2198.97	-2.0	-282.0	0.0	-215.0	0.0	-13.0
B358	17	GEO_Eqn_6.12b_nls08	2565.46	-2.0	-274.0	0.0	-215.0	0.0	89.0
B358	17	GEO_Eqn_6.12b_nls08	2931.96	-2.0	-266.0	0.0	-215.0	0.0	188.0
B358	17	GEO_Eqn_6.12b_nls08	3298.45	-2.0	-258.0	0.0	-215.0	0.0	284.0
B358	17	GEO_Eqn_6.12b_nls08	3298.45	-1.0	-240.0	0.0	-207.0	0.0	285.0
B358	17	GEO_Eqn_6.12b_nls08	3664.95	-1.0	-232.0	0.0	-207.0	0.0	372.0
B358	17	GEO_Eqn_6.12b_nls08	4031.44	-1.0	-224.0	0.0	-207.0	0.0	456.0
B358	17	GEO_Eqn_6.12b_nls08	4397.93	-1.0	-217.0	0.0	-207.0	0.0	536.0
B358	17	GEO_Eqn_6.12b_nls08	4397.93	-1.0	-185.0	0.0	-191.0	0.0	537.0
B358	17	GEO_Eqn_6.12b_nls08	4764.43	-1.0	-177.0	0.0	-191.0	0.0	604.0
B358	17	GEO_Eqn_6.12b_nls08	5130.92	-1.0	-170.0	0.0	-191.0	0.0	667.0
B358	17	GEO_Eqn_6.12b_nls08	5497.42	-1.0	-162.0	0.0	-191.0	0.0	728.0
B358	17	GEO_Eqn_6.12b_nls08	5497.42	-1.0	-125.0	0.0	-168.0	0.0	731.0
B358	17	GEO_Eqn_6.12b_nls08	5866.61	-1.0	-117.0	0.0	-168.0	0.0	775.0
B358	17	GEO_Eqn_6.12b_nls08	6235.79	-1.0	-109.0	0.0	-168.0	0.0	817.0
B358	17	GEO_Eqn_6.12b_nls08	6604.98	-1.0	-101.0	0.0	-168.0	0.0	856.0
B358	17	GEO_Eqn_6.12b_nls08	6604.98	-0.4	-46.0	0.0	-139.0	0.0	858.0
B358	17	GEO_Eqn_6.12b_nls08	6974.17	-0.4	-38.0	0.0	-139.0	0.0	874.0
B358	17	GEO_Eqn_6.12b_nls08	7343.36	-0.4	-30.0	0.0	-139.0	0.0	886.0
B358	17	GEO_Eqn_6.12b_nls08	7712.55	-0.4	-22.0	0.0	-139.0	0.0	896.0
B358	17	GEO_Eqn_6.12b_nls08	7712.55	0.1	3.0	0.1	-114.0	0.0	893.0
B358	17	GEO_Eqn_6.12b_nls08	8081.74	0.1	11.0	0.1	-114.0	0.0	891.0
B358	17	GEO_Eqn_6.12b_nls08	8450.92	0.1	19.0	0.1	-114.0	-0.1	885.0
B358	17	GEO_Eqn_6.12b_nls08	8820.11	0.1	27.0	0.1	-114.0	-0.1	877.0
B358	17	GEO_Eqn_6.12b_nls08	8820.11	1.0	97.0	0.1	-80.0	0.0	876.0
B358	17	GEO_Eqn_6.12b_nls08	9189.3	1.0	105.0	0.1	-80.0	-0.1	839.0
B358	17	GEO_Eqn_6.12b_nls08	9558.49	1.0	113.0	0.1	-80.0	-0.1	798.0
B358	17	GEO_Eqn_6.12b_nls08	9927.68	1.0	121.0	0.1	-80.0	-0.1	755.0
B358	17	GEO_Eqn_6.12b_nls08	9927.68	1.0	163.0	0.1	-54.0	-0.1	749.0
B358	17	GEO_Eqn_6.12b_nls08	10296.87	1.0	171.0	0.1	-54.0	-0.2	687.0
B358	17	GEO_Eqn_6.12b_nls08	10666.05	1.0	179.0	0.1	-54.0	-0.2	623.0
B358	17	GEO_Eqn_6.12b_nls08	11035.24	1.0	187.0	0.1	-54.0	-0.2	555.0
B358	17	GEO_Eqn_6.12b_nls08	11035.24	2.0	240.0	0.1	-29.0	-0.2	546.0
B358	17	GEO_Eqn_6.12b_nls08	11404.43	2.0	248.0	0.1	-29.0	-0.2	456.0
B358	17	GEO_Eqn_6.12b_nls08	11773.62	2.0	256.0	0.1	-29.0	-0.3	363.0
B358	17	GEO_Eqn_6.12b_nls08	12142.81	2.0	264.0	0.1	-29.0	-0.3	267.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls08	12142.81	2.0	316.0	-0.2	-7.0	-0.3	261.0
B358	17	GEO_Eqn_6.12b_nls08	12512	2.0	324.0	-0.2	-7.0	-0.2	143.0
B358	17	GEO_Eqn_6.12b_nls08	12881.18	2.0	332.0	-0.2	-7.0	-0.1	22.0
B358	17	GEO_Eqn_6.12b_nls08	13250.37	2.0	340.0	-0.2	-7.0	-0.1	-102.0
B358	17	GEO_Eqn_6.12b_nls08	13250.37	2.0	377.0	-1.0	12.0	-0.1	-105.0
B358	17	GEO_Eqn_6.12b_nls08	13619.56	2.0	385.0	-1.0	12.0	0.4	-245.0
B358	17	GEO_Eqn_6.12b_nls08	13988.75	2.0	393.0	-1.0	12.0	1.0	-389.0
B358	17	GEO_Eqn_6.12b_nls08	14357.94	2.0	401.0	-1.0	12.0	1.0	-536.0
B358	17	GEO_Eqn_6.12b_nls09	0	0.5	-379.0	-0.2	-183.0	-0.3	-914.0
B358	17	GEO_Eqn_6.12b_nls09	366.49	0.5	-371.0	-0.2	-183.0	-0.3	-777.0
B358	17	GEO_Eqn_6.12b_nls09	732.99	0.5	-363.0	-0.2	-183.0	-0.2	-643.0
B358	17	GEO_Eqn_6.12b_nls09	1099.48	0.5	-355.0	-0.2	-183.0	-0.1	-511.0
B358	17	GEO_Eqn_6.12b_nls09	1099.48	0.1	-350.0	-0.1	-183.0	-0.2	-510.0
B358	17	GEO_Eqn_6.12b_nls09	1465.98	0.1	-342.0	-0.1	-183.0	-0.1	-383.0
B358	17	GEO_Eqn_6.12b_nls09	1832.47	0.1	-334.0	-0.1	-183.0	-0.1	-259.0
B358	17	GEO_Eqn_6.12b_nls09	2198.97	0.1	-326.0	-0.1	-183.0	0.0	-138.0
B358	17	GEO_Eqn_6.12b_nls09	2198.97	-0.4	-311.0	-0.1	-180.0	-0.1	-137.0
B358	17	GEO_Eqn_6.12b_nls09	2565.46	-0.4	-303.0	-0.1	-180.0	0.0	-24.0
B358	17	GEO_Eqn_6.12b_nls09	2931.96	-0.4	-295.0	-0.1	-180.0	0.0	85.0
B358	17	GEO_Eqn_6.12b_nls09	3298.45	-0.4	-287.0	-0.1	-180.0	0.0	192.0
B358	17	GEO_Eqn_6.12b_nls09	3298.45	-1.0	-269.0	-0.1	-172.0	0.0	193.0
B358	17	GEO_Eqn_6.12b_nls09	3664.95	-1.0	-261.0	-0.1	-172.0	0.0	290.0
B358	17	GEO_Eqn_6.12b_nls09	4031.44	-1.0	-253.0	-0.1	-172.0	0.1	384.0
B358	17	GEO_Eqn_6.12b_nls09	4397.93	-1.0	-245.0	-0.1	-172.0	0.1	476.0
B358	17	GEO_Eqn_6.12b_nls09	4397.93	-1.0	-215.0	0.0	-158.0	0.1	477.0
B358	17	GEO_Eqn_6.12b_nls09	4764.43	-1.0	-207.0	0.0	-158.0	0.1	554.0
B358	17	GEO_Eqn_6.12b_nls09	5130.92	-1.0	-199.0	0.0	-158.0	0.1	628.0
B358	17	GEO_Eqn_6.12b_nls09	5497.42	-1.0	-191.0	0.0	-158.0	0.1	700.0
B358	17	GEO_Eqn_6.12b_nls09	5497.42	-1.0	-156.0	0.0	-138.0	0.1	703.0
B358	17	GEO_Eqn_6.12b_nls09	5866.61	-1.0	-148.0	0.0	-138.0	0.1	759.0
B358	17	GEO_Eqn_6.12b_nls09	6235.79	-1.0	-140.0	0.0	-138.0	0.1	812.0
B358	17	GEO_Eqn_6.12b_nls09	6604.98	-1.0	-132.0	0.0	-138.0	0.1	862.0
B358	17	GEO_Eqn_6.12b_nls09	6604.98	-1.0	-79.0	0.1	-111.0	0.1	864.0
B358	17	GEO_Eqn_6.12b_nls09	6974.17	-1.0	-71.0	0.1	-111.0	0.1	892.0
B358	17	GEO_Eqn_6.12b_nls09	7343.36	-1.0	-63.0	0.1	-111.0	0.1	916.0
B358	17	GEO_Eqn_6.12b_nls09	7712.55	-1.0	-55.0	0.1	-111.0	0.1	938.0
B358	17	GEO_Eqn_6.12b_nls09	7712.55	-0.3	-31.0	0.1	-90.0	0.1	936.0
B358	17	GEO_Eqn_6.12b_nls09	8081.74	-0.3	-23.0	0.1	-90.0	0.1	946.0
B358	17	GEO_Eqn_6.12b_nls09	8450.92	-0.3	-15.0	0.1	-90.0	0.0	953.0
B358	17	GEO_Eqn_6.12b_nls09	8820.11	-0.3	-7.0	0.1	-90.0	0.0	957.0
B358	17	GEO_Eqn_6.12b_nls09	8820.11	0.2	61.0	0.0	-59.0	0.1	956.0
B358	17	GEO_Eqn_6.12b_nls09	9189.3	0.2	69.0	0.0	-59.0	0.0	932.0
B358	17	GEO_Eqn_6.12b_nls09	9558.49	0.2	77.0	0.0	-59.0	0.0	905.0
B358	17	GEO_Eqn_6.12b_nls09	9927.68	0.2	85.0	0.0	-59.0	0.0	875.0
B358	17	GEO_Eqn_6.12b_nls09	9927.68	1.0	126.0	0.0	-37.0	0.0	869.0
B358	17	GEO_Eqn_6.12b_nls09	10296.87	1.0	134.0	0.0	-37.0	0.0	821.0
B358	17	GEO_Eqn_6.12b_nls09	10666.05	1.0	142.0	0.0	-37.0	0.0	770.0
B358	17	GEO_Eqn_6.12b_nls09	11035.24	1.0	150.0	0.0	-37.0	0.1	717.0
B358	17	GEO_Eqn_6.12b_nls09	11035.24	1.0	201.0	-0.1	-14.0	0.1	708.0
B358	17	GEO_Eqn_6.12b_nls09	11404.43	1.0	209.0	-0.1	-14.0	0.1	633.0
B358	17	GEO_Eqn_6.12b_nls09	11773.62	1.0	217.0	-0.1	-14.0	0.1	554.0
B358	17	GEO_Eqn_6.12b_nls09	12142.81	1.0	225.0	0.0	-14.0	0.1	472.0
B358	17	GEO_Eqn_6.12b_nls09	12142.81	1.0	277.0	0.1	5.0	0.1	466.0
B358	17	GEO_Eqn_6.12b_nls09	12512	1.0	285.0	0.1	5.0	0.1	363.0
B358	17	GEO_Eqn_6.12b_nls09	12881.18	1.0	293.0	0.1	5.0	0.1	256.0
B358	17	GEO_Eqn_6.12b_nls09	13250.37	1.0	301.0	0.1	5.0	0.0	147.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls09	13250.37	1.0	338.0	1.0	21.0	0.0	144.0
B358	17	GEO_Eqn_6.12b_nls09	13619.56	1.0	346.0	1.0	21.0	-0.2	18.0
B358	17	GEO_Eqn_6.12b_nls09	13988.75	1.0	354.0	1.0	21.0	-1.0	-112.0
B358	17	GEO_Eqn_6.12b_nls09	14357.94	1.0	362.0	1.0	21.0	-1.0	-244.0
B358	17	GEO_Eqn_6.12b_nls10	0	-1.0	-373.0	0.0	-190.0	-0.1	-903.0
B358	17	GEO_Eqn_6.12b_nls10	366.49	-1.0	-365.0	0.0	-190.0	-0.1	-768.0
B358	17	GEO_Eqn_6.12b_nls10	732.99	-1.0	-357.0	0.0	-190.0	-0.1	-635.0
B358	17	GEO_Eqn_6.12b_nls10	1099.48	-1.0	-350.0	0.0	-190.0	-0.1	-506.0
B358	17	GEO_Eqn_6.12b_nls10	1099.48	-1.0	-345.0	0.0	-191.0	-0.1	-505.0
B358	17	GEO_Eqn_6.12b_nls10	1465.98	-1.0	-337.0	0.0	-191.0	-0.1	-380.0
B358	17	GEO_Eqn_6.12b_nls10	1832.47	-1.0	-329.0	0.0	-191.0	0.0	-258.0
B358	17	GEO_Eqn_6.12b_nls10	2198.97	-1.0	-322.0	0.0	-191.0	0.0	-138.0
B358	17	GEO_Eqn_6.12b_nls10	2198.97	-1.0	-306.0	-0.1	-188.0	0.0	-137.0
B358	17	GEO_Eqn_6.12b_nls10	2565.46	-1.0	-298.0	-0.1	-188.0	0.0	-26.0
B358	17	GEO_Eqn_6.12b_nls10	2931.96	-1.0	-291.0	-0.1	-188.0	0.0	82.0
B358	17	GEO_Eqn_6.12b_nls10	3298.45	-1.0	-283.0	0.0	-188.0	0.0	187.0
B358	17	GEO_Eqn_6.12b_nls10	3298.45	-1.0	-265.0	-0.1	-181.0	0.0	188.0
B358	17	GEO_Eqn_6.12b_nls10	3664.95	-1.0	-257.0	0.0	-181.0	0.0	284.0
B358	17	GEO_Eqn_6.12b_nls10	4031.44	-1.0	-249.0	0.0	-181.0	0.0	376.0
B358	17	GEO_Eqn_6.12b_nls10	4397.93	-1.0	-242.0	0.0	-181.0	0.1	466.0
B358	17	GEO_Eqn_6.12b_nls10	4397.93	-1.0	-211.0	0.0	-166.0	0.1	467.0
B358	17	GEO_Eqn_6.12b_nls10	4764.43	-1.0	-203.0	0.0	-166.0	0.1	543.0
B358	17	GEO_Eqn_6.12b_nls10	5130.92	-1.0	-195.0	0.0	-166.0	0.1	616.0
B358	17	GEO_Eqn_6.12b_nls10	5497.42	-1.0	-187.0	0.0	-166.0	0.1	686.0
B358	17	GEO_Eqn_6.12b_nls10	5497.42	-1.0	-152.0	0.0	-145.0	0.1	689.0
B358	17	GEO_Eqn_6.12b_nls10	5866.61	-1.0	-144.0	0.0	-145.0	0.1	744.0
B358	17	GEO_Eqn_6.12b_nls10	6235.79	-1.0	-136.0	0.0	-145.0	0.1	796.0
B358	17	GEO_Eqn_6.12b_nls10	6604.98	-1.0	-128.0	0.0	-145.0	0.1	844.0
B358	17	GEO_Eqn_6.12b_nls10	6604.98	-1.0	-75.0	0.1	-117.0	0.1	847.0
B358	17	GEO_Eqn_6.12b_nls10	6974.17	-1.0	-67.0	0.1	-117.0	0.1	873.0
B358	17	GEO_Eqn_6.12b_nls10	7343.36	-1.0	-59.0	0.1	-117.0	0.0	896.0
B358	17	GEO_Eqn_6.12b_nls10	7712.55	-1.0	-51.0	0.1	-117.0	0.0	916.0
B358	17	GEO_Eqn_6.12b_nls10	7712.55	-0.1	-26.0	0.1	-95.0	0.1	914.0
B358	17	GEO_Eqn_6.12b_nls10	8081.74	-0.1	-18.0	0.1	-95.0	0.0	922.0
B358	17	GEO_Eqn_6.12b_nls10	8450.92	-0.1	-10.0	0.1	-95.0	0.0	927.0
B358	17	GEO_Eqn_6.12b_nls10	8820.11	-0.1	-3.0	0.1	-95.0	0.0	930.0
B358	17	GEO_Eqn_6.12b_nls10	8820.11	1.0	66.0	0.1	-63.0	0.0	929.0
B358	17	GEO_Eqn_6.12b_nls10	9189.3	1.0	74.0	0.1	-63.0	0.0	903.0
B358	17	GEO_Eqn_6.12b_nls10	9558.49	1.0	82.0	0.1	-63.0	0.0	874.0
B358	17	GEO_Eqn_6.12b_nls10	9927.68	1.0	90.0	0.1	-63.0	-0.1	842.0
B358	17	GEO_Eqn_6.12b_nls10	9927.68	1.0	132.0	0.0	-40.0	0.0	837.0
B358	17	GEO_Eqn_6.12b_nls10	10296.87	1.0	140.0	0.0	-40.0	0.0	786.0
B358	17	GEO_Eqn_6.12b_nls10	10666.05	1.0	148.0	0.0	-40.0	-0.1	733.0
B358	17	GEO_Eqn_6.12b_nls10	11035.24	1.0	156.0	0.0	-40.0	-0.1	677.0
B358	17	GEO_Eqn_6.12b_nls10	11035.24	1.0	208.0	0.0	-16.0	0.0	669.0
B358	17	GEO_Eqn_6.12b_nls10	11404.43	1.0	216.0	0.0	-16.0	0.0	591.0
B358	17	GEO_Eqn_6.12b_nls10	11773.62	1.0	224.0	0.0	-16.0	0.0	510.0
B358	17	GEO_Eqn_6.12b_nls10	12142.81	1.0	232.0	0.0	-16.0	0.0	426.0
B358	17	GEO_Eqn_6.12b_nls10	12142.81	2.0	284.0	0.0	5.0	0.0	420.0
B358	17	GEO_Eqn_6.12b_nls10	12512	2.0	292.0	0.0	5.0	0.0	313.0
B358	17	GEO_Eqn_6.12b_nls10	12881.18	2.0	300.0	0.0	5.0	0.0	204.0
B358	17	GEO_Eqn_6.12b_nls10	13250.37	2.0	308.0	0.0	5.0	0.0	92.0
B358	17	GEO_Eqn_6.12b_nls10	13250.37	2.0	347.0	0.2	22.0	0.0	89.0
B358	17	GEO_Eqn_6.12b_nls10	13619.56	2.0	355.0	0.2	22.0	0.0	-40.0
B358	17	GEO_Eqn_6.12b_nls10	13988.75	2.0	362.0	0.2	22.0	-0.1	-173.0
B358	17	GEO_Eqn_6.12b_nls10	14357.94	2.0	370.0	0.2	22.0	-0.1	-308.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls11	0	2.0	-354.0	-0.4	-210.0	-1.0	-660.0
B358	17	GEO_Eqn_6.12b_nls11	366.49	2.0	-346.0	-0.4	-210.0	-0.5	-532.0
B358	17	GEO_Eqn_6.12b_nls11	732.99	2.0	-338.0	-0.4	-210.0	-0.3	-406.0
B358	17	GEO_Eqn_6.12b_nls11	1099.48	2.0	-330.0	-0.4	-210.0	-0.2	-284.0
B358	17	GEO_Eqn_6.12b_nls11	1099.48	2.0	-323.0	-0.2	-209.0	-0.2	-283.0
B358	17	GEO_Eqn_6.12b_nls11	1465.98	2.0	-315.0	-0.2	-209.0	-0.1	-166.0
B358	17	GEO_Eqn_6.12b_nls11	1832.47	2.0	-307.0	-0.2	-209.0	-0.1	-52.0
B358	17	GEO_Eqn_6.12b_nls11	2198.97	2.0	-300.0	-0.2	-209.0	0.0	60.0
B358	17	GEO_Eqn_6.12b_nls11	2198.97	1.0	-282.0	-0.1	-205.0	0.0	61.0
B358	17	GEO_Eqn_6.12b_nls11	2565.46	1.0	-274.0	-0.1	-205.0	0.0	163.0
B358	17	GEO_Eqn_6.12b_nls11	2931.96	1.0	-266.0	-0.1	-205.0	0.1	262.0
B358	17	GEO_Eqn_6.12b_nls11	3298.45	1.0	-259.0	-0.1	-205.0	0.1	358.0
B358	17	GEO_Eqn_6.12b_nls11	3298.45	0.1	-239.0	-0.1	-196.0	0.1	359.0
B358	17	GEO_Eqn_6.12b_nls11	3664.95	0.1	-232.0	-0.1	-196.0	0.1	446.0
B358	17	GEO_Eqn_6.12b_nls11	4031.44	0.1	-224.0	-0.1	-196.0	0.1	529.0
B358	17	GEO_Eqn_6.12b_nls11	4397.93	0.1	-216.0	-0.1	-196.0	0.2	610.0
B358	17	GEO_Eqn_6.12b_nls11	4397.93	-0.4	-183.0	0.0	-180.0	0.1	610.0
B358	17	GEO_Eqn_6.12b_nls11	4764.43	-0.4	-175.0	0.0	-180.0	0.1	676.0
B358	17	GEO_Eqn_6.12b_nls11	5130.92	-0.4	-167.0	0.0	-180.0	0.1	739.0
B358	17	GEO_Eqn_6.12b_nls11	5497.42	-0.4	-160.0	0.0	-180.0	0.2	799.0
B358	17	GEO_Eqn_6.12b_nls11	5497.42	-1.0	-122.0	0.0	-158.0	0.1	802.0
B358	17	GEO_Eqn_6.12b_nls11	5866.61	-1.0	-114.0	0.0	-158.0	0.1	845.0
B358	17	GEO_Eqn_6.12b_nls11	6235.79	-1.0	-106.0	0.0	-158.0	0.1	886.0
B358	17	GEO_Eqn_6.12b_nls11	6604.98	-1.0	-98.0	0.0	-158.0	0.1	924.0
B358	17	GEO_Eqn_6.12b_nls11	6604.98	-1.0	-43.0	0.0	-130.0	0.1	926.0
B358	17	GEO_Eqn_6.12b_nls11	6974.17	-1.0	-35.0	0.0	-130.0	0.1	940.0
B358	17	GEO_Eqn_6.12b_nls11	7343.36	-1.0	-27.0	0.0	-130.0	0.1	952.0
B358	17	GEO_Eqn_6.12b_nls11	7712.55	-1.0	-19.0	0.1	-130.0	0.1	961.0
B358	17	GEO_Eqn_6.12b_nls11	7712.55	-0.5	5.0	0.0	-107.0	0.1	958.0
B358	17	GEO_Eqn_6.12b_nls11	8081.74	-0.5	13.0	0.0	-107.0	0.1	955.0
B358	17	GEO_Eqn_6.12b_nls11	8450.92	-0.5	21.0	0.0	-107.0	0.1	948.0
B358	17	GEO_Eqn_6.12b_nls11	8820.11	-0.5	29.0	0.0	-107.0	0.1	939.0
B358	17	GEO_Eqn_6.12b_nls11	8820.11	-0.5	98.0	0.0	-75.0	0.1	938.0
B358	17	GEO_Eqn_6.12b_nls11	9189.3	-0.5	106.0	0.0	-75.0	0.1	900.0
B358	17	GEO_Eqn_6.12b_nls11	9558.49	-0.5	114.0	0.0	-75.0	0.1	860.0
B358	17	GEO_Eqn_6.12b_nls11	9927.68	-0.5	122.0	0.0	-75.0	0.1	816.0
B358	17	GEO_Eqn_6.12b_nls11	9927.68	-1.0	163.0	0.0	-52.0	0.1	810.0
B358	17	GEO_Eqn_6.12b_nls11	10296.87	-1.0	171.0	0.0	-52.0	0.1	749.0
B358	17	GEO_Eqn_6.12b_nls11	10666.05	-1.0	179.0	0.0	-52.0	0.2	684.0
B358	17	GEO_Eqn_6.12b_nls11	11035.24	-1.0	187.0	0.0	-52.0	0.2	617.0
B358	17	GEO_Eqn_6.12b_nls11	11035.24	-1.0	238.0	0.1	-30.0	0.2	608.0
B358	17	GEO_Eqn_6.12b_nls11	11404.43	-1.0	246.0	0.1	-30.0	0.1	519.0
B358	17	GEO_Eqn_6.12b_nls11	11773.62	-1.0	254.0	0.1	-30.0	0.1	427.0
B358	17	GEO_Eqn_6.12b_nls11	12142.81	-1.0	262.0	0.1	-30.0	0.1	332.0
B358	17	GEO_Eqn_6.12b_nls11	12142.81	-1.0	311.0	0.2	-10.0	0.1	326.0
B358	17	GEO_Eqn_6.12b_nls11	12512	-1.0	319.0	0.2	-10.0	0.0	210.0
B358	17	GEO_Eqn_6.12b_nls11	12881.18	-1.0	327.0	0.2	-10.0	-0.1	91.0
B358	17	GEO_Eqn_6.12b_nls11	13250.37	-1.0	335.0	0.2	-10.0	-0.2	-32.0
B358	17	GEO_Eqn_6.12b_nls11	13250.37	-1.0	370.0	1.0	5.0	-0.2	-34.0
B358	17	GEO_Eqn_6.12b_nls11	13619.56	-1.0	378.0	1.0	5.0	-0.4	-172.0
B358	17	GEO_Eqn_6.12b_nls11	13988.75	-1.0	386.0	1.0	5.0	-1.0	-313.0
B358	17	GEO_Eqn_6.12b_nls11	14357.94	-1.0	394.0	1.0	5.0	-1.0	-457.0
B358	17	GEO_Eqn_6.12b_nls12	0	1.0	-348.0	-0.3	-217.0	-0.4	-647.0
B358	17	GEO_Eqn_6.12b_nls12	366.49	1.0	-340.0	-0.3	-217.0	-0.3	-521.0
B358	17	GEO_Eqn_6.12b_nls12	732.99	1.0	-332.0	-0.2	-217.0	-0.2	-398.0
B358	17	GEO_Eqn_6.12b_nls12	1099.48	1.0	-324.0	-0.2	-217.0	-0.1	-278.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls12	1099.48	1.0	-318.0	-0.1	-217.0	-0.1	-277.0
B358	17	GEO_Eqn_6.12b_nls12	1465.98	1.0	-310.0	-0.1	-217.0	-0.1	-162.0
B358	17	GEO_Eqn_6.12b_nls12	1832.47	1.0	-302.0	-0.1	-217.0	0.0	-49.0
B358	17	GEO_Eqn_6.12b_nls12	2198.97	1.0	-294.0	-0.1	-217.0	0.0	60.0
B358	17	GEO_Eqn_6.12b_nls12	2198.97	0.3	-277.0	-0.1	-213.0	0.0	61.0
B358	17	GEO_Eqn_6.12b_nls12	2565.46	0.3	-270.0	-0.1	-213.0	0.0	161.0
B358	17	GEO_Eqn_6.12b_nls12	2931.96	0.3	-262.0	-0.1	-213.0	0.1	259.0
B358	17	GEO_Eqn_6.12b_nls12	3298.45	0.3	-254.0	-0.1	-213.0	0.1	353.0
B358	17	GEO_Eqn_6.12b_nls12	3298.45	-0.2	-235.0	0.0	-204.0	0.1	354.0
B358	17	GEO_Eqn_6.12b_nls12	3664.95	-0.2	-227.0	0.0	-204.0	0.1	439.0
B358	17	GEO_Eqn_6.12b_nls12	4031.44	-0.2	-219.0	0.0	-204.0	0.1	521.0
B358	17	GEO_Eqn_6.12b_nls12	4397.93	-0.2	-211.0	0.0	-204.0	0.1	599.0
B358	17	GEO_Eqn_6.12b_nls12	4397.93	-0.4	-179.0	0.0	-188.0	0.1	600.0
B358	17	GEO_Eqn_6.12b_nls12	4764.43	-0.4	-171.0	0.0	-188.0	0.1	664.0
B358	17	GEO_Eqn_6.12b_nls12	5130.92	-0.4	-163.0	0.0	-188.0	0.1	726.0
B358	17	GEO_Eqn_6.12b_nls12	5497.42	-0.4	-155.0	0.0	-188.0	0.1	784.0
B358	17	GEO_Eqn_6.12b_nls12	5497.42	-0.5	-118.0	0.0	-165.0	0.1	787.0
B358	17	GEO_Eqn_6.12b_nls12	5866.61	-0.5	-110.0	0.0	-165.0	0.1	829.0
B358	17	GEO_Eqn_6.12b_nls12	6235.79	-0.5	-102.0	0.0	-165.0	0.1	868.0
B358	17	GEO_Eqn_6.12b_nls12	6604.98	-0.5	-94.0	0.0	-165.0	0.1	904.0
B358	17	GEO_Eqn_6.12b_nls12	6604.98	-0.4	-39.0	0.0	-136.0	0.1	906.0
B358	17	GEO_Eqn_6.12b_nls12	6974.17	-0.4	-31.0	0.0	-136.0	0.1	919.0
B358	17	GEO_Eqn_6.12b_nls12	7343.36	-0.4	-23.0	0.0	-136.0	0.1	929.0
B358	17	GEO_Eqn_6.12b_nls12	7712.55	-0.4	-15.0	0.0	-136.0	0.0	936.0
B358	17	GEO_Eqn_6.12b_nls12	7712.55	-0.3	10.0	0.0	-112.0	0.0	934.0
B358	17	GEO_Eqn_6.12b_nls12	8081.74	-0.3	18.0	0.0	-112.0	0.0	928.0
B358	17	GEO_Eqn_6.12b_nls12	8450.92	-0.3	26.0	0.0	-112.0	0.0	920.0
B358	17	GEO_Eqn_6.12b_nls12	8820.11	-0.3	34.0	0.0	-112.0	0.0	909.0
B358	17	GEO_Eqn_6.12b_nls12	8820.11	-0.2	104.0	0.0	-79.0	0.0	908.0
B358	17	GEO_Eqn_6.12b_nls12	9189.3	-0.2	112.0	0.0	-79.0	0.1	868.0
B358	17	GEO_Eqn_6.12b_nls12	9558.49	-0.2	120.0	0.0	-79.0	0.1	826.0
B358	17	GEO_Eqn_6.12b_nls12	9927.68	-0.2	128.0	0.0	-79.0	0.1	780.0
B358	17	GEO_Eqn_6.12b_nls12	9927.68	-0.2	169.0	0.0	-55.0	0.1	774.0
B358	17	GEO_Eqn_6.12b_nls12	10296.87	-0.2	177.0	0.0	-55.0	0.1	710.0
B358	17	GEO_Eqn_6.12b_nls12	10666.05	-0.2	185.0	0.0	-55.0	0.1	643.0
B358	17	GEO_Eqn_6.12b_nls12	11035.24	-0.2	193.0	0.0	-55.0	0.0	573.0
B358	17	GEO_Eqn_6.12b_nls12	11035.24	-0.1	245.0	0.1	-31.0	0.0	565.0
B358	17	GEO_Eqn_6.12b_nls12	11404.43	-0.1	253.0	0.1	-31.0	0.0	473.0
B358	17	GEO_Eqn_6.12b_nls12	11773.62	-0.1	261.0	0.1	-31.0	0.0	378.0
B358	17	GEO_Eqn_6.12b_nls12	12142.81	-0.1	269.0	0.1	-31.0	0.0	281.0
B358	17	GEO_Eqn_6.12b_nls12	12142.81	0.0	319.0	0.1	-10.0	0.0	275.0
B358	17	GEO_Eqn_6.12b_nls12	12512	0.0	327.0	0.1	-10.0	-0.1	156.0
B358	17	GEO_Eqn_6.12b_nls12	12881.18	0.0	335.0	0.1	-10.0	-0.1	33.0
B358	17	GEO_Eqn_6.12b_nls12	13250.37	0.0	343.0	0.1	-10.0	-0.2	-92.0
B358	17	GEO_Eqn_6.12b_nls12	13250.37	-0.1	378.0	0.0	7.0	-0.2	-94.0
B358	17	GEO_Eqn_6.12b_nls12	13619.56	-0.1	386.0	0.0	7.0	-0.2	-235.0
B358	17	GEO_Eqn_6.12b_nls12	13988.75	-0.1	394.0	0.0	7.0	-0.1	-379.0
B358	17	GEO_Eqn_6.12b_nls12	14357.94	-0.1	402.0	0.0	7.0	-0.1	-526.0
B358	17	GEO_Eqn_6.12b_nls13	0	0.4	-385.0	-0.2	-169.0	-0.4	-970.0
B358	17	GEO_Eqn_6.12b_nls13	366.49	0.4	-377.0	-0.2	-169.0	-0.3	-830.0
B358	17	GEO_Eqn_6.12b_nls13	732.99	0.4	-369.0	-0.2	-169.0	-0.2	-693.0
B358	17	GEO_Eqn_6.12b_nls13	1099.48	0.4	-361.0	-0.2	-169.0	-0.2	-559.0
B358	17	GEO_Eqn_6.12b_nls13	1099.48	-0.1	-357.0	-0.1	-169.0	-0.2	-558.0
B358	17	GEO_Eqn_6.12b_nls13	1465.98	-0.1	-349.0	-0.1	-169.0	-0.2	-429.0
B358	17	GEO_Eqn_6.12b_nls13	1832.47	-0.1	-341.0	-0.1	-169.0	-0.1	-303.0
B358	17	GEO_Eqn_6.12b_nls13	2198.97	-0.1	-333.0	-0.1	-169.0	-0.1	-179.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls13	2198.97	-1.0	-317.0	-0.1	-165.0	-0.1	-178.0
B358	17	GEO_Eqn_6.12b_nls13	2565.46	-1.0	-309.0	-0.1	-165.0	0.0	-63.0
B358	17	GEO_Eqn_6.12b_nls13	2931.96	-1.0	-301.0	-0.1	-165.0	0.0	49.0
B358	17	GEO_Eqn_6.12b_nls13	3298.45	-1.0	-293.0	-0.1	-165.0	0.0	158.0
B358	17	GEO_Eqn_6.12b_nls13	3298.45	-1.0	-276.0	-0.1	-158.0	0.0	159.0
B358	17	GEO_Eqn_6.12b_nls13	3664.95	-1.0	-268.0	-0.1	-158.0	0.1	258.0
B358	17	GEO_Eqn_6.12b_nls13	4031.44	-1.0	-260.0	-0.1	-158.0	0.1	355.0
B358	17	GEO_Eqn_6.12b_nls13	4397.93	-1.0	-252.0	-0.1	-158.0	0.1	449.0
B358	17	GEO_Eqn_6.12b_nls13	4397.93	-2.0	-222.0	-0.1	-144.0	0.1	450.0
B358	17	GEO_Eqn_6.12b_nls13	4764.43	-2.0	-214.0	-0.1	-144.0	0.1	529.0
B358	17	GEO_Eqn_6.12b_nls13	5130.92	-2.0	-206.0	-0.1	-144.0	0.2	606.0
B358	17	GEO_Eqn_6.12b_nls13	5497.42	-2.0	-198.0	-0.1	-144.0	0.2	680.0
B358	17	GEO_Eqn_6.12b_nls13	5497.42	-2.0	-162.0	0.0	-124.0	0.2	683.0
B358	17	GEO_Eqn_6.12b_nls13	5866.61	-2.0	-154.0	0.0	-124.0	0.2	742.0
B358	17	GEO_Eqn_6.12b_nls13	6235.79	-2.0	-146.0	0.0	-124.0	0.2	797.0
B358	17	GEO_Eqn_6.12b_nls13	6604.98	-2.0	-138.0	0.0	-124.0	0.2	850.0
B358	17	GEO_Eqn_6.12b_nls13	6604.98	-1.0	-86.0	0.1	-98.0	0.2	852.0
B358	17	GEO_Eqn_6.12b_nls13	6974.17	-1.0	-78.0	0.1	-98.0	0.2	882.0
B358	17	GEO_Eqn_6.12b_nls13	7343.36	-1.0	-70.0	0.1	-98.0	0.1	909.0
B358	17	GEO_Eqn_6.12b_nls13	7712.55	-1.0	-62.0	0.1	-98.0	0.1	934.0
B358	17	GEO_Eqn_6.12b_nls13	7712.55	-0.4	-38.0	0.1	-77.0	0.1	932.0
B358	17	GEO_Eqn_6.12b_nls13	8081.74	-0.4	-30.0	0.1	-77.0	0.1	944.0
B358	17	GEO_Eqn_6.12b_nls13	8450.92	-0.4	-22.0	0.1	-77.0	0.1	954.0
B358	17	GEO_Eqn_6.12b_nls13	8820.11	-0.4	-14.0	0.1	-77.0	0.0	961.0
B358	17	GEO_Eqn_6.12b_nls13	8820.11	0.3	54.0	0.1	-47.0	0.1	960.0
B358	17	GEO_Eqn_6.12b_nls13	9189.3	0.3	62.0	0.1	-47.0	0.1	939.0
B358	17	GEO_Eqn_6.12b_nls13	9558.49	0.3	70.0	0.1	-47.0	0.0	914.0
B358	17	GEO_Eqn_6.12b_nls13	9927.68	0.3	78.0	0.1	-47.0	0.0	887.0
B358	17	GEO_Eqn_6.12b_nls13	9927.68	1.0	118.0	0.0	-24.0	0.0	882.0
B358	17	GEO_Eqn_6.12b_nls13	10296.87	1.0	126.0	0.0	-24.0	0.0	836.0
B358	17	GEO_Eqn_6.12b_nls13	10666.05	1.0	134.0	0.0	-24.0	0.1	788.0
B358	17	GEO_Eqn_6.12b_nls13	11035.24	1.0	142.0	0.0	-24.0	0.1	737.0
B358	17	GEO_Eqn_6.12b_nls13	11035.24	1.0	194.0	-0.1	-2.0	0.1	729.0
B358	17	GEO_Eqn_6.12b_nls13	11404.43	1.0	202.0	-0.1	-2.0	0.1	656.0
B358	17	GEO_Eqn_6.12b_nls13	11773.62	1.0	210.0	-0.1	-2.0	0.1	580.0
B358	17	GEO_Eqn_6.12b_nls13	12142.81	1.0	218.0	-0.1	-2.0	0.2	501.0
B358	17	GEO_Eqn_6.12b_nls13	12142.81	2.0	270.0	0.1	17.0	0.2	495.0
B358	17	GEO_Eqn_6.12b_nls13	12512	2.0	278.0	0.1	17.0	0.1	394.0
B358	17	GEO_Eqn_6.12b_nls13	12881.18	2.0	286.0	0.1	17.0	0.1	290.0
B358	17	GEO_Eqn_6.12b_nls13	13250.37	2.0	294.0	0.1	17.0	0.1	183.0
B358	17	GEO_Eqn_6.12b_nls13	13250.37	2.0	332.0	1.0	33.0	0.1	181.0
B358	17	GEO_Eqn_6.12b_nls13	13619.56	2.0	340.0	1.0	33.0	-0.3	56.0
B358	17	GEO_Eqn_6.12b_nls13	13988.75	2.0	348.0	1.0	33.0	-1.0	-71.0
B358	17	GEO_Eqn_6.12b_nls13	14357.94	2.0	356.0	1.0	33.0	-1.0	-201.0
B358	17	GEO_Eqn_6.12b_nls14	0	-1.0	-380.0	-0.1	-176.0	-0.2	-956.0
B358	17	GEO_Eqn_6.12b_nls14	366.49	-1.0	-372.0	0.0	-176.0	-0.1	-818.0
B358	17	GEO_Eqn_6.12b_nls14	732.99	-1.0	-364.0	0.0	-176.0	-0.1	-683.0
B358	17	GEO_Eqn_6.12b_nls14	1099.48	-1.0	-356.0	0.0	-176.0	-0.1	-551.0
B358	17	GEO_Eqn_6.12b_nls14	1099.48	-1.0	-352.0	-0.1	-177.0	-0.1	-550.0
B358	17	GEO_Eqn_6.12b_nls14	1465.98	-1.0	-344.0	-0.1	-177.0	-0.1	-423.0
B358	17	GEO_Eqn_6.12b_nls14	1832.47	-1.0	-336.0	-0.1	-177.0	-0.1	-298.0
B358	17	GEO_Eqn_6.12b_nls14	2198.97	-1.0	-328.0	-0.1	-177.0	-0.1	-177.0
B358	17	GEO_Eqn_6.12b_nls14	2198.97	-1.0	-313.0	-0.1	-173.0	-0.1	-176.0
B358	17	GEO_Eqn_6.12b_nls14	2565.46	-1.0	-305.0	-0.1	-173.0	0.0	-63.0
B358	17	GEO_Eqn_6.12b_nls14	2931.96	-1.0	-297.0	-0.1	-173.0	0.0	48.0
B358	17	GEO_Eqn_6.12b_nls14	3298.45	-1.0	-289.0	-0.1	-173.0	0.0	155.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls14	3298.45	-2.0	-271.0	-0.1	-166.0	0.0	156.0
B358	17	GEO_Eqn_6.12b_nls14	3664.95	-2.0	-264.0	-0.1	-166.0	0.0	254.0
B358	17	GEO_Eqn_6.12b_nls14	4031.44	-2.0	-256.0	-0.1	-166.0	0.1	349.0
B358	17	GEO_Eqn_6.12b_nls14	4397.93	-2.0	-248.0	-0.1	-166.0	0.1	442.0
B358	17	GEO_Eqn_6.12b_nls14	4397.93	-2.0	-218.0	0.0	-152.0	0.1	442.0
B358	17	GEO_Eqn_6.12b_nls14	4764.43	-2.0	-210.0	0.0	-152.0	0.1	521.0
B358	17	GEO_Eqn_6.12b_nls14	5130.92	-2.0	-202.0	0.0	-152.0	0.1	596.0
B358	17	GEO_Eqn_6.12b_nls14	5497.42	-2.0	-194.0	0.0	-152.0	0.1	668.0
B358	17	GEO_Eqn_6.12b_nls14	5497.42	-2.0	-158.0	0.0	-131.0	0.1	671.0
B358	17	GEO_Eqn_6.12b_nls14	5866.61	-2.0	-150.0	0.0	-131.0	0.1	728.0
B358	17	GEO_Eqn_6.12b_nls14	6235.79	-2.0	-142.0	0.0	-131.0	0.1	782.0
B358	17	GEO_Eqn_6.12b_nls14	6604.98	-2.0	-134.0	0.0	-131.0	0.1	833.0
B358	17	GEO_Eqn_6.12b_nls14	6604.98	-1.0	-81.0	0.1	-104.0	0.1	836.0
B358	17	GEO_Eqn_6.12b_nls14	6974.17	-1.0	-73.0	0.1	-104.0	0.1	864.0
B358	17	GEO_Eqn_6.12b_nls14	7343.36	-1.0	-65.0	0.1	-104.0	0.1	890.0
B358	17	GEO_Eqn_6.12b_nls14	7712.55	-1.0	-57.0	0.1	-104.0	0.0	913.0
B358	17	GEO_Eqn_6.12b_nls14	7712.55	-0.3	-33.0	0.1	-82.0	0.1	910.0
B358	17	GEO_Eqn_6.12b_nls14	8081.74	-0.3	-25.0	0.1	-82.0	0.1	921.0
B358	17	GEO_Eqn_6.12b_nls14	8450.92	-0.3	-17.0	0.1	-82.0	0.0	929.0
B358	17	GEO_Eqn_6.12b_nls14	8820.11	-0.3	-9.0	0.1	-82.0	0.0	934.0
B358	17	GEO_Eqn_6.12b_nls14	8820.11	1.0	59.0	0.1	-51.0	0.0	933.0
B358	17	GEO_Eqn_6.12b_nls14	9189.3	1.0	67.0	0.1	-51.0	0.0	910.0
B358	17	GEO_Eqn_6.12b_nls14	9558.49	1.0	75.0	0.1	-51.0	0.0	884.0
B358	17	GEO_Eqn_6.12b_nls14	9927.68	1.0	83.0	0.1	-51.0	-0.1	855.0
B358	17	GEO_Eqn_6.12b_nls14	9927.68	1.0	124.0	0.0	-27.0	0.0	849.0
B358	17	GEO_Eqn_6.12b_nls14	10296.87	1.0	132.0	0.0	-27.0	0.0	802.0
B358	17	GEO_Eqn_6.12b_nls14	10666.05	1.0	140.0	0.0	-27.0	-0.1	751.0
B358	17	GEO_Eqn_6.12b_nls14	11035.24	1.0	148.0	0.1	-27.0	-0.1	698.0
B358	17	GEO_Eqn_6.12b_nls14	11035.24	2.0	201.0	0.0	-4.0	0.0	690.0
B358	17	GEO_Eqn_6.12b_nls14	11404.43	2.0	209.0	0.0	-4.0	0.0	614.0
B358	17	GEO_Eqn_6.12b_nls14	11773.62	2.0	217.0	0.0	-4.0	0.0	536.0
B358	17	GEO_Eqn_6.12b_nls14	12142.81	2.0	225.0	0.0	-4.0	0.0	454.0
B358	17	GEO_Eqn_6.12b_nls14	12142.81	3.0	278.0	0.0	17.0	0.0	448.0
B358	17	GEO_Eqn_6.12b_nls14	12512	3.0	285.0	0.0	17.0	0.0	344.0
B358	17	GEO_Eqn_6.12b_nls14	12881.18	3.0	293.0	0.0	17.0	0.0	237.0
B358	17	GEO_Eqn_6.12b_nls14	13250.37	3.0	301.0	0.0	17.0	0.0	128.0
B358	17	GEO_Eqn_6.12b_nls14	13250.37	3.0	341.0	0.3	34.0	0.1	125.0
B358	17	GEO_Eqn_6.12b_nls14	13619.56	3.0	349.0	0.3	34.0	-0.1	-2.0
B358	17	GEO_Eqn_6.12b_nls14	13988.75	3.0	357.0	0.3	34.0	-0.2	-132.0
B358	17	GEO_Eqn_6.12b_nls14	14357.94	3.0	365.0	0.3	34.0	-0.3	-266.0
B358	17	GEO_Eqn_6.12b_nls15	0	3.0	-349.0	-0.4	-222.0	-1.0	-614.0
B358	17	GEO_Eqn_6.12b_nls15	366.49	3.0	-341.0	-0.4	-222.0	-1.0	-488.0
B358	17	GEO_Eqn_6.12b_nls15	732.99	3.0	-333.0	-0.4	-222.0	-0.3	-364.0
B358	17	GEO_Eqn_6.12b_nls15	1099.48	3.0	-325.0	-0.4	-222.0	-0.2	-243.0
B358	17	GEO_Eqn_6.12b_nls15	1099.48	2.0	-319.0	-0.2	-222.0	-0.2	-242.0
B358	17	GEO_Eqn_6.12b_nls15	1465.98	2.0	-311.0	-0.2	-222.0	-0.2	-127.0
B358	17	GEO_Eqn_6.12b_nls15	1832.47	2.0	-303.0	-0.2	-222.0	-0.1	-15.0
B358	17	GEO_Eqn_6.12b_nls15	2198.97	2.0	-295.0	-0.2	-222.0	0.0	95.0
B358	17	GEO_Eqn_6.12b_nls15	2198.97	1.0	-277.0	-0.1	-217.0	0.0	96.0
B358	17	GEO_Eqn_6.12b_nls15	2565.46	1.0	-270.0	-0.1	-217.0	0.0	196.0
B358	17	GEO_Eqn_6.12b_nls15	2931.96	1.0	-262.0	-0.1	-217.0	0.1	294.0
B358	17	GEO_Eqn_6.12b_nls15	3298.45	1.0	-254.0	-0.1	-217.0	0.1	388.0
B358	17	GEO_Eqn_6.12b_nls15	3298.45	1.0	-235.0	-0.1	-208.0	0.1	389.0
B358	17	GEO_Eqn_6.12b_nls15	3664.95	1.0	-227.0	-0.1	-208.0	0.1	474.0
B358	17	GEO_Eqn_6.12b_nls15	4031.44	1.0	-219.0	-0.1	-208.0	0.1	556.0
B358	17	GEO_Eqn_6.12b_nls15	4397.93	1.0	-211.0	-0.1	-208.0	0.2	634.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls15	4397.93	0.0	-178.0	0.0	-192.0	0.1	635.0
B358	17	GEO_Eqn_6.12b_nls15	4764.43	0.0	-170.0	0.0	-192.0	0.1	699.0
B358	17	GEO_Eqn_6.12b_nls15	5130.92	0.0	-163.0	0.0	-192.0	0.2	760.0
B358	17	GEO_Eqn_6.12b_nls15	5497.42	0.0	-155.0	0.0	-192.0	0.2	818.0
B358	17	GEO_Eqn_6.12b_nls15	5497.42	-0.3	-117.0	0.0	-169.0	0.2	821.0
B358	17	GEO_Eqn_6.12b_nls15	5866.61	-0.3	-109.0	0.0	-169.0	0.2	863.0
B358	17	GEO_Eqn_6.12b_nls15	6235.79	-0.3	-101.0	0.0	-169.0	0.2	902.0
B358	17	GEO_Eqn_6.12b_nls15	6604.98	-0.3	-93.0	0.0	-169.0	0.2	937.0
B358	17	GEO_Eqn_6.12b_nls15	6604.98	-0.5	-38.0	0.0	-141.0	0.1	940.0
B358	17	GEO_Eqn_6.12b_nls15	6974.17	-0.5	-30.0	0.0	-141.0	0.1	952.0
B358	17	GEO_Eqn_6.12b_nls15	7343.36	-0.5	-22.0	0.0	-141.0	0.1	962.0
B358	17	GEO_Eqn_6.12b_nls15	7712.55	-0.5	-14.0	0.0	-141.0	0.1	968.0
B358	17	GEO_Eqn_6.12b_nls15	7712.55	-1.0	11.0	0.0	-118.0	0.1	966.0
B358	17	GEO_Eqn_6.12b_nls15	8081.74	-1.0	19.0	0.0	-118.0	0.1	961.0
B358	17	GEO_Eqn_6.12b_nls15	8450.92	-1.0	27.0	0.0	-118.0	0.1	952.0
B358	17	GEO_Eqn_6.12b_nls15	8820.11	-1.0	35.0	0.0	-118.0	0.1	941.0
B358	17	GEO_Eqn_6.12b_nls15	8820.11	-1.0	104.0	-0.1	-86.0	0.1	940.0
B358	17	GEO_Eqn_6.12b_nls15	9189.3	-1.0	112.0	-0.1	-86.0	0.1	900.0
B358	17	GEO_Eqn_6.12b_nls15	9558.49	-1.0	120.0	-0.1	-86.0	0.2	857.0
B358	17	GEO_Eqn_6.12b_nls15	9927.68	-1.0	128.0	-0.1	-86.0	0.2	811.0
B358	17	GEO_Eqn_6.12b_nls15	9927.68	-1.0	169.0	-0.1	-63.0	0.2	806.0
B358	17	GEO_Eqn_6.12b_nls15	10296.87	-1.0	177.0	-0.1	-63.0	0.2	742.0
B358	17	GEO_Eqn_6.12b_nls15	10666.05	-1.0	185.0	-0.1	-63.0	0.2	675.0
B358	17	GEO_Eqn_6.12b_nls15	11035.24	-1.0	193.0	-0.1	-63.0	0.2	606.0
B358	17	GEO_Eqn_6.12b_nls15	11035.24	-1.0	243.0	0.1	-40.0	0.2	597.0
B358	17	GEO_Eqn_6.12b_nls15	11404.43	-1.0	251.0	0.1	-40.0	0.2	506.0
B358	17	GEO_Eqn_6.12b_nls15	11773.62	-1.0	259.0	0.1	-40.0	0.2	412.0
B358	17	GEO_Eqn_6.12b_nls15	12142.81	-1.0	267.0	0.1	-40.0	0.1	315.0
B358	17	GEO_Eqn_6.12b_nls15	12142.81	-1.0	316.0	0.3	-21.0	0.1	309.0
B358	17	GEO_Eqn_6.12b_nls15	12512	-1.0	324.0	0.3	-21.0	0.0	191.0
B358	17	GEO_Eqn_6.12b_nls15	12881.18	-1.0	332.0	0.3	-21.0	-0.1	70.0
B358	17	GEO_Eqn_6.12b_nls15	13250.37	-1.0	340.0	0.3	-21.0	-0.2	-54.0
B358	17	GEO_Eqn_6.12b_nls15	13250.37	-2.0	374.0	1.0	-5.0	-0.2	-57.0
B358	17	GEO_Eqn_6.12b_nls15	13619.56	-2.0	382.0	1.0	-5.0	-0.5	-196.0
B358	17	GEO_Eqn_6.12b_nls15	13988.75	-2.0	390.0	1.0	-5.0	-1.0	-339.0
B358	17	GEO_Eqn_6.12b_nls15	14357.94	-2.0	398.0	1.0	-5.0	-1.0	-484.0
B358	17	GEO_Eqn_6.12b_nls16	0	2.0	-343.0	-0.3	-230.0	-0.4	-602.0
B358	17	GEO_Eqn_6.12b_nls16	366.49	2.0	-335.0	-0.3	-230.0	-0.3	-478.0
B358	17	GEO_Eqn_6.12b_nls16	732.99	2.0	-327.0	-0.3	-230.0	-0.2	-357.0
B358	17	GEO_Eqn_6.12b_nls16	1099.48	2.0	-319.0	-0.3	-230.0	-0.1	-238.0
B358	17	GEO_Eqn_6.12b_nls16	1099.48	1.0	-313.0	-0.1	-230.0	-0.2	-237.0
B358	17	GEO_Eqn_6.12b_nls16	1465.98	1.0	-305.0	-0.1	-230.0	-0.1	-124.0
B358	17	GEO_Eqn_6.12b_nls16	1832.47	1.0	-297.0	-0.1	-230.0	-0.1	-14.0
B358	17	GEO_Eqn_6.12b_nls16	2198.97	1.0	-289.0	-0.1	-230.0	0.0	94.0
B358	17	GEO_Eqn_6.12b_nls16	2198.97	1.0	-273.0	-0.1	-226.0	0.0	95.0
B358	17	GEO_Eqn_6.12b_nls16	2565.46	1.0	-265.0	-0.1	-226.0	0.0	193.0
B358	17	GEO_Eqn_6.12b_nls16	2931.96	1.0	-257.0	-0.1	-226.0	0.0	289.0
B358	17	GEO_Eqn_6.12b_nls16	3298.45	1.0	-249.0	-0.1	-226.0	0.1	381.0
B358	17	GEO_Eqn_6.12b_nls16	3298.45	0.3	-230.0	-0.1	-217.0	0.0	383.0
B358	17	GEO_Eqn_6.12b_nls16	3664.95	0.3	-222.0	-0.1	-217.0	0.1	465.0
B358	17	GEO_Eqn_6.12b_nls16	4031.44	0.4	-214.0	-0.1	-217.0	0.1	545.0
B358	17	GEO_Eqn_6.12b_nls16	4397.93	0.4	-206.0	-0.1	-217.0	0.1	623.0
B358	17	GEO_Eqn_6.12b_nls16	4397.93	0.0	-174.0	0.0	-200.0	0.1	623.0
B358	17	GEO_Eqn_6.12b_nls16	4764.43	0.0	-166.0	0.0	-200.0	0.1	686.0
B358	17	GEO_Eqn_6.12b_nls16	5130.92	0.0	-158.0	0.0	-200.0	0.1	745.0
B358	17	GEO_Eqn_6.12b_nls16	5497.42	0.0	-150.0	0.0	-200.0	0.1	801.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B358	17	GEO_Eqn_6.12b_nls16	5497.42	-0.2	-113.0	0.0	-177.0	0.1	804.0
B358	17	GEO_Eqn_6.12b_nls16	5866.61	-0.2	-105.0	0.0	-177.0	0.1	845.0
B358	17	GEO_Eqn_6.12b_nls16	6235.79	-0.2	-97.0	0.0	-177.0	0.1	882.0
B358	17	GEO_Eqn_6.12b_nls16	6604.98	-0.2	-89.0	0.0	-177.0	0.1	916.0
B358	17	GEO_Eqn_6.12b_nls16	6604.98	-0.3	-33.0	0.0	-148.0	0.1	918.0
B358	17	GEO_Eqn_6.12b_nls16	6974.17	-0.3	-25.0	0.0	-148.0	0.1	929.0
B358	17	GEO_Eqn_6.12b_nls16	7343.36	-0.3	-17.0	0.0	-148.0	0.1	937.0
B358	17	GEO_Eqn_6.12b_nls16	7712.55	-0.3	-9.0	0.0	-148.0	0.1	942.0
B358	17	GEO_Eqn_6.12b_nls16	7712.55	-0.4	16.0	0.0	-124.0	0.1	939.0
B358	17	GEO_Eqn_6.12b_nls16	8081.74	-0.4	24.0	0.0	-124.0	0.1	932.0
B358	17	GEO_Eqn_6.12b_nls16	8450.92	-0.4	32.0	0.0	-124.0	0.1	922.0
B358	17	GEO_Eqn_6.12b_nls16	8820.11	-0.4	40.0	0.0	-124.0	0.1	909.0
B358	17	GEO_Eqn_6.12b_nls16	8820.11	-0.5	110.0	-0.1	-91.0	0.1	908.0
B358	17	GEO_Eqn_6.12b_nls16	9189.3	-0.5	118.0	0.0	-91.0	0.1	866.0
B358	17	GEO_Eqn_6.12b_nls16	9558.49	-0.5	126.0	0.0	-91.0	0.1	821.0
B358	17	GEO_Eqn_6.12b_nls16	9927.68	-0.5	134.0	0.0	-91.0	0.1	773.0
B358	17	GEO_Eqn_6.12b_nls16	9927.68	-1.0	175.0	0.0	-66.0	0.1	767.0
B358	17	GEO_Eqn_6.12b_nls16	10296.87	-1.0	183.0	0.0	-66.0	0.1	701.0
B358	17	GEO_Eqn_6.12b_nls16	10666.05	-1.0	191.0	0.0	-66.0	0.1	632.0
B358	17	GEO_Eqn_6.12b_nls16	11035.24	-1.0	199.0	0.0	-66.0	0.1	560.0
B358	17	GEO_Eqn_6.12b_nls16	11035.24	-1.0	251.0	0.1	-42.0	0.1	551.0
B358	17	GEO_Eqn_6.12b_nls16	11404.43	-1.0	259.0	0.1	-42.0	0.1	457.0
B358	17	GEO_Eqn_6.12b_nls16	11773.62	-1.0	266.0	0.1	-42.0	0.1	361.0
B358	17	GEO_Eqn_6.12b_nls16	12142.81	-1.0	274.0	0.1	-42.0	0.0	261.0
B358	17	GEO_Eqn_6.12b_nls16	12142.81	-1.0	324.0	0.2	-21.0	0.0	255.0
B358	17	GEO_Eqn_6.12b_nls16	12512	-1.0	332.0	0.2	-21.0	-0.1	134.0
B358	17	GEO_Eqn_6.12b_nls16	12881.18	-1.0	340.0	0.2	-21.0	-0.1	10.0
B358	17	GEO_Eqn_6.12b_nls16	13250.37	-1.0	348.0	0.2	-21.0	-0.2	-117.0
B358	17	GEO_Eqn_6.12b_nls16	13250.37	-1.0	383.0	0.2	-4.0	-0.2	-120.0
B358	17	GEO_Eqn_6.12b_nls16	13619.56	-1.0	391.0	0.2	-4.0	-0.3	-263.0
B358	17	GEO_Eqn_6.12b_nls16	13988.75	-1.0	399.0	0.2	-4.0	-0.4	-408.0
B358	17	GEO_Eqn_6.12b_nls16	14357.94	-1.0	407.0	0.2	-4.0	-0.4	-557.0
B366	26	GEO_Eqn_6.12b_nls01	0	10.0	-478.0	-17.0	-638.0	-5.0	358.0
B366	26	GEO_Eqn_6.12b_nls01	262.5	10.0	-467.0	-17.0	-638.0	-0.1	482.0
B366	26	GEO_Eqn_6.12b_nls01	525	10.0	-455.0	-17.0	-638.0	4.0	603.0
B366	26	GEO_Eqn_6.12b_nls01	525	-10.0	-531.0	17.0	-587.0	5.0	628.0
B366	26	GEO_Eqn_6.12b_nls01	787.5	-10.0	-520.0	17.0	-587.0	0.1	766.0
B366	26	GEO_Eqn_6.12b_nls01	1050	-10.0	-509.0	17.0	-587.0	-5.0	901.0
B366	26	GEO_Eqn_6.12b_nls01	1050	0.0	-457.0	0.0	-515.0	0.0	913.0
B366	26	GEO_Eqn_6.12b_nls01	1500	0.0	-438.0	0.0	-515.0	0.0	1114.0
B366	26	GEO_Eqn_6.12b_nls01	1950	0.0	-419.0	0.0	-515.0	0.0	1307.0
B366	26	GEO_Eqn_6.12b_nls01	1950	8.0	-415.0	-6.0	-470.0	-1.0	1314.0
B366	26	GEO_Eqn_6.12b_nls01	2320.5	8.0	-400.0	-6.0	-470.0	1.0	1465.0
B366	26	GEO_Eqn_6.12b_nls01	2320.5	-8.0	-397.0	6.0	-442.0	1.0	1494.0
B366	26	GEO_Eqn_6.12b_nls01	2691	-8.0	-381.0	6.0	-442.0	-1.0	1639.0
B366	26	GEO_Eqn_6.12b_nls01	2691	33.0	-597.0	-2.0	-842.0	-0.3	1745.0
B366	26	GEO_Eqn_6.12b_nls01	3041	33.0	-582.0	-2.0	-842.0	0.3	1951.0
B366	26	GEO_Eqn_6.12b_nls01	3041	-33.0	-136.0	2.0	-825.0	0.3	1985.0
B366	26	GEO_Eqn_6.12b_nls01	3391	-33.0	-121.0	2.0	-825.0	-0.3	2030.0
B366	26	GEO_Eqn_6.12b_nls01	3391	-3.0	398.0	-5.0	-816.0	-6.0	2037.0
B366	26	GEO_Eqn_6.12b_nls01	3782.67	-3.0	415.0	-5.0	-816.0	-4.0	1878.0
B366	26	GEO_Eqn_6.12b_nls01	4174.33	-3.0	431.0	-5.0	-816.0	-2.0	1712.0
B366	26	GEO_Eqn_6.12b_nls01	4566	-3.0	448.0	-5.0	-816.0	-0.3	1540.0
B366	26	GEO_Eqn_6.12b_nls01	4566	-1.0	494.0	-3.0	-850.0	-0.3	1540.0
B366	26	GEO_Eqn_6.12b_nls01	4957.67	-1.0	511.0	-3.0	-850.0	1.0	1343.0
B366	26	GEO_Eqn_6.12b_nls01	5349.33	-1.0	527.0	-3.0	-850.0	2.0	1140.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls01	5741	-1.0	544.0	-3.0	-850.0	3.0	930.0
B366	26	GEO_Eqn_6.12b_nls01	5741	1.0	585.0	-2.0	-878.0	4.0	929.0
B366	26	GEO_Eqn_6.12b_nls01	6132.67	1.0	601.0	-2.0	-878.0	4.0	697.0
B366	26	GEO_Eqn_6.12b_nls01	6524.33	1.0	618.0	-2.0	-878.0	5.0	458.0
B366	26	GEO_Eqn_6.12b_nls01	6916	1.0	635.0	-2.0	-878.0	6.0	213.0
B366	26	GEO_Eqn_6.12b_nls01	6916	3.0	647.0	16.0	-887.0	6.0	211.0
B366	26	GEO_Eqn_6.12b_nls01	7307.67	3.0	663.0	16.0	-887.0	-0.2	-45.0
B366	26	GEO_Eqn_6.12b_nls01	7699.33	3.0	680.0	16.0	-887.0	-6.0	-308.0
B366	26	GEO_Eqn_6.12b_nls01	8091	3.0	697.0	16.0	-887.0	-13.0	-578.0
B366	26	GEO_Eqn_6.12b_nls01	8091	13.0	204.0	-17.0	73.0	-14.0	-163.0
B366	26	GEO_Eqn_6.12b_nls01	8482.67	13.0	221.0	-17.0	73.0	-7.0	-246.0
B366	26	GEO_Eqn_6.12b_nls01	8874.33	13.0	237.0	-17.0	73.0	-1.0	-336.0
B366	26	GEO_Eqn_6.12b_nls01	9266	13.0	254.0	-17.0	73.0	6.0	-432.0
B366	26	GEO_Eqn_6.12b_nls01	9266	2.0	275.0	3.0	62.0	7.0	-432.0
B366	26	GEO_Eqn_6.12b_nls01	9657.67	2.0	292.0	3.0	62.0	6.0	-543.0
B366	26	GEO_Eqn_6.12b_nls01	10049.33	2.0	308.0	3.0	62.0	5.0	-661.0
B366	26	GEO_Eqn_6.12b_nls01	10441	2.0	325.0	3.0	62.0	4.0	-785.0
B366	26	GEO_Eqn_6.12b_nls01	10441	-5.0	366.0	4.0	38.0	4.0	-786.0
B366	26	GEO_Eqn_6.12b_nls01	10832.67	-5.0	382.0	4.0	38.0	3.0	-933.0
B366	26	GEO_Eqn_6.12b_nls01	11224.33	-5.0	399.0	4.0	38.0	1.0	-1086.0
B366	26	GEO_Eqn_6.12b_nls01	11616	-5.0	416.0	4.0	38.0	-1.0	-1245.0
B366	26	GEO_Eqn_6.12b_nls01	11616	-10.0	452.0	6.0	17.0	-0.2	-1247.0
B366	26	GEO_Eqn_6.12b_nls01	12007.67	-10.0	469.0	6.0	17.0	-2.0	-1428.0
B366	26	GEO_Eqn_6.12b_nls01	12399.33	-10.0	486.0	6.0	17.0	-5.0	-1615.0
B366	26	GEO_Eqn_6.12b_nls01	12791	-10.0	502.0	6.0	17.0	-7.0	-1808.0
B366	26	GEO_Eqn_6.12b_nls01	12791	47.0	49.0	-1.0	15.0	-0.1	-1805.0
B366	26	GEO_Eqn_6.12b_nls01	13141	47.0	64.0	-1.0	15.0	0.1	-1825.0
B366	26	GEO_Eqn_6.12b_nls01	13141	-47.0	-244.0	1.0	19.0	0.1	-1809.0
B366	26	GEO_Eqn_6.12b_nls01	13491	-47.0	-229.0	1.0	19.0	-0.1	-1727.0
B366	26	GEO_Eqn_6.12b_nls01	13491	0.0	-1081.0	0.0	-186.0	0.0	-1694.0
B366	26	GEO_Eqn_6.12b_nls01	13941	0.0	-1062.0	0.0	-186.0	0.0	-1212.0
B366	26	GEO_Eqn_6.12b_nls01	13941	39.0	-889.0	-0.4	-184.0	-0.1	-1185.0
B366	26	GEO_Eqn_6.12b_nls01	14391	39.0	-869.0	-0.4	-184.0	0.1	-789.0
B366	26	GEO_Eqn_6.12b_nls01	14391	-39.0	-643.0	0.4	-182.0	0.1	-748.0
B366	26	GEO_Eqn_6.12b_nls01	14841	-39.0	-624.0	0.4	-182.0	-0.1	-463.0
B366	26	GEO_Eqn_6.12b_nls01	14841	0.0	-272.0	0.0	-185.0	0.0	-448.0
B366	26	GEO_Eqn_6.12b_nls01	15191	0.0	-257.0	0.0	-185.0	0.0	-355.0
B366	26	GEO_Eqn_6.12b_nls01	15191	0.3	14.0	-0.2	-196.0	-0.1	-351.0
B366	26	GEO_Eqn_6.12b_nls01	15656	0.3	33.0	-0.2	-196.0	0.0	-362.0
B366	26	GEO_Eqn_6.12b_nls01	16121	0.3	53.0	-0.2	-196.0	0.1	-382.0
B366	26	GEO_Eqn_6.12b_nls01	16121	-0.3	86.0	0.2	-216.0	0.1	-381.0
B366	26	GEO_Eqn_6.12b_nls01	16586	-0.3	106.0	0.2	-216.0	0.0	-426.0
B366	26	GEO_Eqn_6.12b_nls01	17051	-0.3	126.0	0.2	-216.0	-0.1	-480.0
B366	26	GEO_Eqn_6.12b_nls01	17051	37.0	19.0	-0.4	-228.0	-0.1	-477.0
B366	26	GEO_Eqn_6.12b_nls01	17441	37.0	36.0	-0.4	-228.0	0.1	-488.0
B366	26	GEO_Eqn_6.12b_nls01	17441	-37.0	-6.0	0.4	-227.0	0.1	-484.0
B366	26	GEO_Eqn_6.12b_nls01	17831	-37.0	10.0	0.4	-227.0	-0.1	-484.0
B366	26	GEO_Eqn_6.12b_nls01	17831	73.0	115.0	-2.0	-227.0	-0.5	-478.0
B366	26	GEO_Eqn_6.12b_nls01	18096	73.0	126.0	-2.0	-227.0	0.0	-510.0
B366	26	GEO_Eqn_6.12b_nls01	18361	73.0	137.0	-2.0	-227.0	0.4	-545.0
B366	26	GEO_Eqn_6.12b_nls01	18361	-73.0	336.0	2.0	-224.0	1.0	-547.0
B366	26	GEO_Eqn_6.12b_nls01	18626	-73.0	347.0	2.0	-224.0	0.0	-637.0
B366	26	GEO_Eqn_6.12b_nls01	18891	-73.0	358.0	2.0	-224.0	-0.4	-731.0
B366	26	GEO_Eqn_6.12b_nls01	18891	210.0	-898.0	-5.0	148.0	-3.0	-710.0
B366	26	GEO_Eqn_6.12b_nls01	19172.25	210.0	-886.0	-5.0	148.0	-2.0	-459.0
B366	26	GEO_Eqn_6.12b_nls01	19453.5	210.0	-874.0	-5.0	148.0	-1.0	-212.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls01	19453.5	75.0	-680.0	-2.0	150.0	2.0	-172.0
B366	26	GEO_Eqn_6.12b_nls01	19734.75	75.0	-668.0	-2.0	150.0	2.0	18.0
B366	26	GEO_Eqn_6.12b_nls01	20016	75.0	-656.0	-2.0	150.0	3.0	204.0
B366	26	GEO_Eqn_6.12b_nls01	20016	-78.0	-532.0	3.0	147.0	2.0	226.0
B366	26	GEO_Eqn_6.12b_nls01	20297.25	-78.0	-520.0	3.0	147.0	2.0	374.0
B366	26	GEO_Eqn_6.12b_nls01	20578.5	-78.0	-508.0	3.0	147.0	1.0	519.0
B366	26	GEO_Eqn_6.12b_nls01	20578.5	-207.0	-464.0	3.0	148.0	-1.0	546.0
B366	26	GEO_Eqn_6.12b_nls01	20859.75	-207.0	-452.0	3.0	148.0	-2.0	675.0
B366	26	GEO_Eqn_6.12b_nls01	21141	-207.0	-440.0	3.0	148.0	-3.0	800.0
B366	26	GEO_Eqn_6.12b_nls01	21141	59.0	-380.0	-0.2	134.0	0.0	819.0
B366	26	GEO_Eqn_6.12b_nls01	21591	59.0	-361.0	-0.2	134.0	0.0	986.0
B366	26	GEO_Eqn_6.12b_nls01	21591	-59.0	-355.0	0.2	135.0	0.0	1012.0
B366	26	GEO_Eqn_6.12b_nls01	22041	-59.0	-336.0	0.2	135.0	0.0	1168.0
B366	26	GEO_Eqn_6.12b_nls01	22041	318.0	-284.0	-3.0	121.0	-3.0	1187.0
B366	26	GEO_Eqn_6.12b_nls01	22322.25	318.0	-272.0	-3.0	121.0	-2.0	1265.0
B366	26	GEO_Eqn_6.12b_nls01	22603.5	318.0	-260.0	-3.0	121.0	-1.0	1340.0
B366	26	GEO_Eqn_6.12b_nls01	22603.5	131.0	-161.0	-3.0	123.0	1.0	1359.0
B366	26	GEO_Eqn_6.12b_nls01	22884.75	131.0	-149.0	-3.0	123.0	2.0	1403.0
B366	26	GEO_Eqn_6.12b_nls01	23166	131.0	-137.0	-3.0	123.0	3.0	1443.0
B366	26	GEO_Eqn_6.12b_nls01	23166	-115.0	128.0	1.0	119.0	2.0	1458.0
B366	26	GEO_Eqn_6.12b_nls01	23447.25	-115.0	140.0	1.0	119.0	2.0	1420.0
B366	26	GEO_Eqn_6.12b_nls01	23728.5	-115.0	152.0	1.0	119.0	2.0	1379.0
B366	26	GEO_Eqn_6.12b_nls01	23728.5	-334.0	725.0	5.0	122.0	-0.3	1375.0
B366	26	GEO_Eqn_6.12b_nls01	24009.75	-334.0	737.0	5.0	122.0	-2.0	1169.0
B366	26	GEO_Eqn_6.12b_nls01	24291	-334.0	749.0	5.0	122.0	-3.0	960.0
B366	26	GEO_Eqn_6.12b_nls02	0	11.0	-504.0	-17.0	-603.0	-4.0	358.0
B366	26	GEO_Eqn_6.12b_nls02	262.5	11.0	-493.0	-17.0	-603.0	-0.1	488.0
B366	26	GEO_Eqn_6.12b_nls02	525	11.0	-481.0	-17.0	-603.0	4.0	616.0
B366	26	GEO_Eqn_6.12b_nls02	525	-11.0	-574.0	17.0	-554.0	4.0	643.0
B366	26	GEO_Eqn_6.12b_nls02	787.5	-11.0	-563.0	17.0	-554.0	0.1	792.0
B366	26	GEO_Eqn_6.12b_nls02	1050	-11.0	-552.0	17.0	-554.0	-4.0	939.0
B366	26	GEO_Eqn_6.12b_nls02	1050	0.0	-500.0	0.0	-485.0	0.0	952.0
B366	26	GEO_Eqn_6.12b_nls02	1500	0.0	-481.0	0.0	-485.0	0.0	1172.0
B366	26	GEO_Eqn_6.12b_nls02	1950	0.0	-462.0	0.0	-485.0	0.0	1385.0
B366	26	GEO_Eqn_6.12b_nls02	1950	8.0	-465.0	-5.0	-442.0	-1.0	1392.0
B366	26	GEO_Eqn_6.12b_nls02	2320.5	8.0	-449.0	-5.0	-442.0	1.0	1562.0
B366	26	GEO_Eqn_6.12b_nls02	2320.5	-8.0	-458.0	5.0	-415.0	1.0	1595.0
B366	26	GEO_Eqn_6.12b_nls02	2691	-8.0	-442.0	5.0	-415.0	-1.0	1762.0
B366	26	GEO_Eqn_6.12b_nls02	2691	35.0	-613.0	-2.0	-807.0	-0.3	1873.0
B366	26	GEO_Eqn_6.12b_nls02	3041	35.0	-599.0	-2.0	-807.0	0.3	2085.0
B366	26	GEO_Eqn_6.12b_nls02	3041	-35.0	-128.0	2.0	-790.0	0.3	2120.0
B366	26	GEO_Eqn_6.12b_nls02	3391	-35.0	-113.0	2.0	-790.0	-0.3	2162.0
B366	26	GEO_Eqn_6.12b_nls02	3391	-1.0	441.0	-4.0	-781.0	-5.0	2170.0
B366	26	GEO_Eqn_6.12b_nls02	3782.67	-1.0	457.0	-4.0	-781.0	-3.0	1994.0
B366	26	GEO_Eqn_6.12b_nls02	4174.33	-1.0	474.0	-4.0	-781.0	-2.0	1811.0
B366	26	GEO_Eqn_6.12b_nls02	4566	-1.0	491.0	-4.0	-781.0	-0.4	1622.0
B366	26	GEO_Eqn_6.12b_nls02	4566	-0.5	537.0	-3.0	-815.0	-0.3	1622.0
B366	26	GEO_Eqn_6.12b_nls02	4957.67	-0.5	553.0	-3.0	-815.0	1.0	1409.0
B366	26	GEO_Eqn_6.12b_nls02	5349.33	-0.5	570.0	-3.0	-815.0	2.0	1189.0
B366	26	GEO_Eqn_6.12b_nls02	5741	-0.5	587.0	-3.0	-815.0	3.0	962.0
B366	26	GEO_Eqn_6.12b_nls02	5741	0.1	627.0	-2.0	-842.0	3.0	961.0
B366	26	GEO_Eqn_6.12b_nls02	6132.67	0.1	644.0	-2.0	-842.0	4.0	712.0
B366	26	GEO_Eqn_6.12b_nls02	6524.33	0.1	661.0	-2.0	-842.0	4.0	457.0
B366	26	GEO_Eqn_6.12b_nls02	6916	0.1	677.0	-2.0	-842.0	5.0	195.0
B366	26	GEO_Eqn_6.12b_nls02	6916	2.0	690.0	13.0	-852.0	5.0	193.0
B366	26	GEO_Eqn_6.12b_nls02	7307.67	2.0	706.0	13.0	-852.0	-0.1	-80.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls02	7699.33	2.0	723.0	13.0	-852.0	-5.0	-360.0
B366	26	GEO_Eqn_6.12b_nls02	8091	2.0	739.0	13.0	-852.0	-10.0	-646.0
B366	26	GEO_Eqn_6.12b_nls02	8091	12.0	204.0	-15.0	66.0	-12.0	-197.0
B366	26	GEO_Eqn_6.12b_nls02	8482.67	12.0	221.0	-15.0	66.0	-6.0	-280.0
B366	26	GEO_Eqn_6.12b_nls02	8874.33	12.0	237.0	-15.0	66.0	-0.5	-370.0
B366	26	GEO_Eqn_6.12b_nls02	9266	12.0	254.0	-15.0	66.0	5.0	-466.0
B366	26	GEO_Eqn_6.12b_nls02	9266	2.0	275.0	3.0	54.0	6.0	-466.0
B366	26	GEO_Eqn_6.12b_nls02	9657.67	2.0	292.0	3.0	54.0	5.0	-577.0
B366	26	GEO_Eqn_6.12b_nls02	10049.33	2.0	309.0	3.0	54.0	4.0	-695.0
B366	26	GEO_Eqn_6.12b_nls02	10441	2.0	325.0	3.0	54.0	3.0	-819.0
B366	26	GEO_Eqn_6.12b_nls02	10441	-4.0	366.0	3.0	31.0	4.0	-821.0
B366	26	GEO_Eqn_6.12b_nls02	10832.67	-4.0	383.0	3.0	31.0	2.0	-967.0
B366	26	GEO_Eqn_6.12b_nls02	11224.33	-4.0	400.0	3.0	31.0	1.0	-1120.0
B366	26	GEO_Eqn_6.12b_nls02	11616	-4.0	416.0	3.0	31.0	-0.5	-1280.0
B366	26	GEO_Eqn_6.12b_nls02	11616	-10.0	453.0	5.0	9.0	-0.2	-1282.0
B366	26	GEO_Eqn_6.12b_nls02	12007.67	-10.0	469.0	5.0	9.0	-2.0	-1463.0
B366	26	GEO_Eqn_6.12b_nls02	12399.33	-10.0	486.0	5.0	9.0	-4.0	-1650.0
B366	26	GEO_Eqn_6.12b_nls02	12791	-10.0	503.0	5.0	9.0	-6.0	-1843.0
B366	26	GEO_Eqn_6.12b_nls02	12791	53.0	-15.0	-1.0	7.0	-0.1	-1839.0
B366	26	GEO_Eqn_6.12b_nls02	13141	53.0	-0.4	-1.0	7.0	0.1	-1836.0
B366	26	GEO_Eqn_6.12b_nls02	13141	-53.0	-390.0	1.0	10.0	0.1	-1811.0
B366	26	GEO_Eqn_6.12b_nls02	13491	-53.0	-375.0	1.0	10.0	-0.1	-1677.0
B366	26	GEO_Eqn_6.12b_nls02	13491	0.0	-1011.0	0.0	-162.0	0.0	-1637.0
B366	26	GEO_Eqn_6.12b_nls02	13941	0.0	-992.0	0.0	-162.0	0.0	-1186.0
B366	26	GEO_Eqn_6.12b_nls02	13941	48.0	-862.0	-0.4	-161.0	-0.1	-1158.0
B366	26	GEO_Eqn_6.12b_nls02	14391	47.0	-843.0	-0.4	-161.0	0.1	-774.0
B366	26	GEO_Eqn_6.12b_nls02	14391	-47.0	-633.0	0.4	-159.0	0.1	-733.0
B366	26	GEO_Eqn_6.12b_nls02	14841	-48.0	-614.0	0.4	-159.0	-0.1	-452.0
B366	26	GEO_Eqn_6.12b_nls02	14841	0.0	-251.0	0.0	-163.0	0.0	-436.0
B366	26	GEO_Eqn_6.12b_nls02	15191	0.0	-236.0	0.0	-163.0	0.0	-351.0
B366	26	GEO_Eqn_6.12b_nls02	15191	1.0	57.0	0.0	-173.0	0.0	-347.0
B366	26	GEO_Eqn_6.12b_nls02	15656	1.0	77.0	0.0	-173.0	0.0	-378.0
B366	26	GEO_Eqn_6.12b_nls02	16121	1.0	97.0	0.0	-173.0	0.0	-419.0
B366	26	GEO_Eqn_6.12b_nls02	16121	-1.0	130.0	0.0	-194.0	0.0	-418.0
B366	26	GEO_Eqn_6.12b_nls02	16586	-1.0	150.0	0.0	-194.0	0.0	-483.0
B366	26	GEO_Eqn_6.12b_nls02	17051	-1.0	170.0	0.0	-194.0	0.0	-557.0
B366	26	GEO_Eqn_6.12b_nls02	17051	46.0	12.0	-0.4	-206.0	-0.1	-555.0
B366	26	GEO_Eqn_6.12b_nls02	17441	46.0	28.0	-0.4	-206.0	0.1	-563.0
B366	26	GEO_Eqn_6.12b_nls02	17441	-46.0	-64.0	0.3	-205.0	0.1	-555.0
B366	26	GEO_Eqn_6.12b_nls02	17831	-46.0	-47.0	0.4	-205.0	-0.1	-533.0
B366	26	GEO_Eqn_6.12b_nls02	17831	89.0	14.0	-1.0	-206.0	-0.4	-523.0
B366	26	GEO_Eqn_6.12b_nls02	18096	89.0	25.0	-1.0	-206.0	0.0	-528.0
B366	26	GEO_Eqn_6.12b_nls02	18361	89.0	36.0	-1.0	-206.0	0.4	-536.0
B366	26	GEO_Eqn_6.12b_nls02	18361	-89.0	193.0	2.0	-204.0	0.5	-531.0
B366	26	GEO_Eqn_6.12b_nls02	18626	-89.0	204.0	2.0	-204.0	0.0	-584.0
B366	26	GEO_Eqn_6.12b_nls02	18891	-89.0	216.0	2.0	-204.0	-0.4	-639.0
B366	26	GEO_Eqn_6.12b_nls02	18891	279.0	-763.0	-4.0	105.0	-3.0	-602.0
B366	26	GEO_Eqn_6.12b_nls02	19172.25	279.0	-751.0	-4.0	105.0	-2.0	-389.0
B366	26	GEO_Eqn_6.12b_nls02	19453.5	279.0	-739.0	-4.0	105.0	-0.5	-179.0
B366	26	GEO_Eqn_6.12b_nls02	19453.5	101.0	-578.0	-2.0	107.0	1.0	-142.0
B366	26	GEO_Eqn_6.12b_nls02	19734.75	101.0	-566.0	-2.0	107.0	2.0	18.0
B366	26	GEO_Eqn_6.12b_nls02	20016	101.0	-554.0	-2.0	107.0	2.0	176.0
B366	26	GEO_Eqn_6.12b_nls02	20016	-104.0	-450.0	2.0	102.0	2.0	198.0
B366	26	GEO_Eqn_6.12b_nls02	20297.25	-104.0	-438.0	2.0	102.0	1.0	323.0
B366	26	GEO_Eqn_6.12b_nls02	20578.5	-104.0	-426.0	2.0	102.0	1.0	444.0
B366	26	GEO_Eqn_6.12b_nls02	20578.5	-276.0	-397.0	3.0	103.0	-1.0	470.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls02	20859.75	-276.0	-385.0	3.0	103.0	-2.0	580.0
B366	26	GEO_Eqn_6.12b_nls02	21141	-276.0	-373.0	3.0	103.0	-2.0	687.0
B366	26	GEO_Eqn_6.12b_nls02	21141	75.0	-325.0	-0.2	88.0	0.0	706.0
B366	26	GEO_Eqn_6.12b_nls02	21591	75.0	-306.0	-0.2	88.0	0.0	847.0
B366	26	GEO_Eqn_6.12b_nls02	21591	-75.0	-307.0	0.2	88.0	0.0	873.0
B366	26	GEO_Eqn_6.12b_nls02	22041	-75.0	-288.0	0.2	88.0	0.0	1007.0
B366	26	GEO_Eqn_6.12b_nls02	22041	365.0	-248.0	-1.0	73.0	-0.5	1026.0
B366	26	GEO_Eqn_6.12b_nls02	22322.25	365.0	-236.0	-1.0	73.0	-0.3	1094.0
B366	26	GEO_Eqn_6.12b_nls02	22603.5	365.0	-224.0	-1.0	73.0	-0.1	1159.0
B366	26	GEO_Eqn_6.12b_nls02	22603.5	146.0	-148.0	-0.1	74.0	0.2	1178.0
B366	26	GEO_Eqn_6.12b_nls02	22884.75	146.0	-136.0	-0.1	74.0	0.2	1218.0
B366	26	GEO_Eqn_6.12b_nls02	23166	146.0	-124.0	-0.1	74.0	0.3	1255.0
B366	26	GEO_Eqn_6.12b_nls02	23166	-134.0	97.0	-1.0	69.0	0.0	1271.0
B366	26	GEO_Eqn_6.12b_nls02	23447.25	-134.0	109.0	-1.0	69.0	0.3	1242.0
B366	26	GEO_Eqn_6.12b_nls02	23728.5	-134.0	121.0	-1.0	69.0	1.0	1210.0
B366	26	GEO_Eqn_6.12b_nls02	23728.5	-377.0	605.0	2.0	71.0	0.3	1209.0
B366	26	GEO_Eqn_6.12b_nls02	24009.75	-377.0	617.0	2.0	71.0	-0.2	1037.0
B366	26	GEO_Eqn_6.12b_nls02	24291	-377.0	629.0	2.0	71.0	-1.0	862.0
B366	26	GEO_Eqn_6.12b_nls03	0	-24.0	158.0	-16.0	-583.0	-4.0	321.0
B366	26	GEO_Eqn_6.12b_nls03	262.5	-24.0	169.0	-16.0	-583.0	-0.1	278.0
B366	26	GEO_Eqn_6.12b_nls03	525	-24.0	180.0	-16.0	-583.0	4.0	233.0
B366	26	GEO_Eqn_6.12b_nls03	525	24.0	477.0	16.0	-536.0	4.0	212.0
B366	26	GEO_Eqn_6.12b_nls03	787.5	24.0	489.0	16.0	-536.0	0.1	85.0
B366	26	GEO_Eqn_6.12b_nls03	1050	24.0	500.0	16.0	-536.0	-4.0	-44.0
B366	26	GEO_Eqn_6.12b_nls03	1050	0.0	546.0	0.0	-472.0	0.0	-56.0
B366	26	GEO_Eqn_6.12b_nls03	1500	0.0	565.0	0.0	-472.0	0.0	-306.0
B366	26	GEO_Eqn_6.12b_nls03	1950	0.0	585.0	0.0	-472.0	0.0	-564.0
B366	26	GEO_Eqn_6.12b_nls03	1950	-11.0	693.0	-5.0	-431.0	-1.0	-579.0
B366	26	GEO_Eqn_6.12b_nls03	2320.5	-11.0	709.0	-5.0	-431.0	1.0	-838.0
B366	26	GEO_Eqn_6.12b_nls03	2320.5	11.0	892.0	5.0	-405.0	1.0	-895.0
B366	26	GEO_Eqn_6.12b_nls03	2691	11.0	908.0	5.0	-405.0	-1.0	-1229.0
B366	26	GEO_Eqn_6.12b_nls03	2691	-24.0	272.0	-2.0	-819.0	-0.3	-1173.0
B366	26	GEO_Eqn_6.12b_nls03	3041	-24.0	287.0	-2.0	-819.0	0.3	-1271.0
B366	26	GEO_Eqn_6.12b_nls03	3041	24.0	71.0	2.0	-802.0	0.3	-1289.0
B366	26	GEO_Eqn_6.12b_nls03	3391	24.0	86.0	2.0	-802.0	-0.3	-1317.0
B366	26	GEO_Eqn_6.12b_nls03	3391	-3.0	-190.0	-1.0	-797.0	-1.0	-1321.0
B366	26	GEO_Eqn_6.12b_nls03	3782.67	-3.0	-173.0	-1.0	-797.0	-1.0	-1250.0
B366	26	GEO_Eqn_6.12b_nls03	4174.33	-3.0	-157.0	-1.0	-797.0	-0.5	-1185.0
B366	26	GEO_Eqn_6.12b_nls03	4566	-3.0	-140.0	-1.0	-797.0	-0.3	-1127.0
B366	26	GEO_Eqn_6.12b_nls03	4566	-2.0	-93.0	-1.0	-834.0	-0.3	-1127.0
B366	26	GEO_Eqn_6.12b_nls03	4957.67	-2.0	-76.0	-1.0	-834.0	-0.1	-1093.0
B366	26	GEO_Eqn_6.12b_nls03	5349.33	-2.0	-60.0	-1.0	-834.0	0.2	-1067.0
B366	26	GEO_Eqn_6.12b_nls03	5741	-2.0	-43.0	-1.0	-834.0	0.4	-1047.0
B366	26	GEO_Eqn_6.12b_nls03	5741	-0.5	0.4	-2.0	-865.0	0.4	-1047.0
B366	26	GEO_Eqn_6.12b_nls03	6132.67	-1.0	17.0	-2.0	-865.0	1.0	-1050.0
B366	26	GEO_Eqn_6.12b_nls03	6524.33	-1.0	34.0	-2.0	-865.0	2.0	-1060.0
B366	26	GEO_Eqn_6.12b_nls03	6916	-1.0	50.0	-2.0	-865.0	2.0	-1077.0
B366	26	GEO_Eqn_6.12b_nls03	6916	5.0	69.0	4.0	-880.0	2.0	-1077.0
B366	26	GEO_Eqn_6.12b_nls03	7307.67	5.0	86.0	4.0	-880.0	0.1	-1107.0
B366	26	GEO_Eqn_6.12b_nls03	7699.33	5.0	103.0	4.0	-880.0	-2.0	-1144.0
B366	26	GEO_Eqn_6.12b_nls03	8091	5.0	119.0	4.0	-880.0	-3.0	-1188.0
B366	26	GEO_Eqn_6.12b_nls03	8091	0.0	-945.0	-3.0	-306.0	-2.0	-1735.0
B366	26	GEO_Eqn_6.12b_nls03	8482.67	0.0	-928.0	-3.0	-306.0	-1.0	-1368.0
B366	26	GEO_Eqn_6.12b_nls03	8874.33	0.0	-911.0	-3.0	-306.0	0.3	-1008.0
B366	26	GEO_Eqn_6.12b_nls03	9266	0.0	-895.0	-3.0	-306.0	2.0	-654.0
B366	26	GEO_Eqn_6.12b_nls03	9266	-1.0	-877.0	1.0	-316.0	2.0	-653.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls03	9657.67	-1.0	-860.0	1.0	-316.0	1.0	-313.0
B366	26	GEO_Eqn_6.12b_nls03	10049.33	-1.0	-844.0	1.0	-316.0	1.0	21.0
B366	26	GEO_Eqn_6.12b_nls03	10441	-1.0	-827.0	1.0	-316.0	0.1	348.0
B366	26	GEO_Eqn_6.12b_nls03	10441	0.1	-788.0	0.2	-337.0	-0.1	348.0
B366	26	GEO_Eqn_6.12b_nls03	10832.67	0.1	-771.0	0.2	-337.0	-0.2	653.0
B366	26	GEO_Eqn_6.12b_nls03	11224.33	0.1	-754.0	0.2	-337.0	-0.2	952.0
B366	26	GEO_Eqn_6.12b_nls03	11616	0.1	-738.0	0.2	-337.0	-0.3	1244.0
B366	26	GEO_Eqn_6.12b_nls03	11616	1.0	-703.0	-0.1	-355.0	-0.4	1244.0
B366	26	GEO_Eqn_6.12b_nls03	12007.67	1.0	-686.0	-0.1	-355.0	-0.3	1516.0
B366	26	GEO_Eqn_6.12b_nls03	12399.33	1.0	-669.0	-0.1	-355.0	-0.3	1781.0
B366	26	GEO_Eqn_6.12b_nls03	12791	1.0	-653.0	-0.1	-355.0	-0.3	2040.0
B366	26	GEO_Eqn_6.12b_nls03	12791	-86.0	345.0	-0.3	-357.0	0.0	2028.0
B366	26	GEO_Eqn_6.12b_nls03	13141	-86.0	360.0	-0.3	-357.0	0.0	1905.0
B366	26	GEO_Eqn_6.12b_nls03	13141	86.0	1366.0	0.3	-355.0	0.0	1822.0
B366	26	GEO_Eqn_6.12b_nls03	13491	86.0	1381.0	0.3	-355.0	0.0	1341.0
B366	26	GEO_Eqn_6.12b_nls03	13491	0.0	-201.0	0.0	86.0	0.0	1245.0
B366	26	GEO_Eqn_6.12b_nls03	13941	0.0	-182.0	0.0	86.0	0.0	1331.0
B366	26	GEO_Eqn_6.12b_nls03	13941	-74.0	163.0	-0.2	86.0	-0.1	1317.0
B366	26	GEO_Eqn_6.12b_nls03	14391	-74.0	182.0	-0.2	86.0	0.1	1239.0
B366	26	GEO_Eqn_6.12b_nls03	14391	74.0	250.0	0.2	87.0	0.1	1219.0
B366	26	GEO_Eqn_6.12b_nls03	14841	74.0	269.0	0.2	87.0	-0.1	1102.0
B366	26	GEO_Eqn_6.12b_nls03	14841	0.0	88.0	0.0	83.0	0.0	1090.0
B366	26	GEO_Eqn_6.12b_nls03	15191	0.0	103.0	0.0	83.0	0.0	1057.0
B366	26	GEO_Eqn_6.12b_nls03	15191	-1.0	-101.0	-1.0	73.0	-0.3	1058.0
B366	26	GEO_Eqn_6.12b_nls03	15656	-1.0	-81.0	-1.0	73.0	0.0	1100.0
B366	26	GEO_Eqn_6.12b_nls03	16121	-1.0	-61.0	-1.0	73.0	0.3	1133.0
B366	26	GEO_Eqn_6.12b_nls03	16121	1.0	-29.0	0.5	54.0	0.2	1134.0
B366	26	GEO_Eqn_6.12b_nls03	16586	1.0	-9.0	0.5	54.0	0.0	1143.0
B366	26	GEO_Eqn_6.12b_nls03	17051	1.0	11.0	0.5	54.0	-0.3	1143.0
B366	26	GEO_Eqn_6.12b_nls03	17051	-55.0	295.0	-0.2	40.0	0.0	1134.0
B366	26	GEO_Eqn_6.12b_nls03	17441	-55.0	312.0	-0.2	40.0	0.0	1016.0
B366	26	GEO_Eqn_6.12b_nls03	17441	55.0	545.0	0.2	41.0	0.0	981.0
B366	26	GEO_Eqn_6.12b_nls03	17831	55.0	562.0	0.2	41.0	0.0	765.0
B366	26	GEO_Eqn_6.12b_nls03	17831	-97.0	752.0	-0.4	36.0	-0.1	734.0
B366	26	GEO_Eqn_6.12b_nls03	18096	-97.0	763.0	-0.4	36.0	0.0	533.0
B366	26	GEO_Eqn_6.12b_nls03	18361	-97.0	774.0	-0.4	36.0	0.1	330.0
B366	26	GEO_Eqn_6.12b_nls03	18361	97.0	912.0	0.5	38.0	0.1	282.0
B366	26	GEO_Eqn_6.12b_nls03	18626	97.0	924.0	0.5	38.0	0.0	39.0
B366	26	GEO_Eqn_6.12b_nls03	18891	97.0	935.0	0.5	38.0	-0.1	-207.0
B366	26	GEO_Eqn_6.12b_nls03	18891	-351.0	-378.0	-5.0	61.0	-4.0	-255.0
B366	26	GEO_Eqn_6.12b_nls03	19172.25	-351.0	-366.0	-5.0	61.0	-2.0	-151.0
B366	26	GEO_Eqn_6.12b_nls03	19453.5	-351.0	-354.0	-5.0	61.0	-1.0	-49.0
B366	26	GEO_Eqn_6.12b_nls03	19453.5	-130.0	-246.0	-3.0	63.0	1.0	-48.0
B366	26	GEO_Eqn_6.12b_nls03	19734.75	-130.0	-234.0	-3.0	63.0	2.0	19.0
B366	26	GEO_Eqn_6.12b_nls03	20016	-130.0	-222.0	-3.0	63.0	3.0	83.0
B366	26	GEO_Eqn_6.12b_nls03	20016	130.0	-139.0	4.0	55.0	4.0	76.0
B366	26	GEO_Eqn_6.12b_nls03	20297.25	130.0	-127.0	4.0	55.0	3.0	113.0
B366	26	GEO_Eqn_6.12b_nls03	20578.5	130.0	-115.0	4.0	55.0	2.0	147.0
B366	26	GEO_Eqn_6.12b_nls03	20578.5	351.0	-65.0	4.0	56.0	-1.0	140.0
B366	26	GEO_Eqn_6.12b_nls03	20859.75	351.0	-53.0	4.0	56.0	-2.0	156.0
B366	26	GEO_Eqn_6.12b_nls03	21141	351.0	-41.0	4.0	56.0	-4.0	170.0
B366	26	GEO_Eqn_6.12b_nls03	21141	-82.0	32.0	-0.2	39.0	0.0	159.0
B366	26	GEO_Eqn_6.12b_nls03	21591	-82.0	51.0	-0.2	39.0	0.0	140.0
B366	26	GEO_Eqn_6.12b_nls03	21591	82.0	84.0	0.2	40.0	0.0	128.0
B366	26	GEO_Eqn_6.12b_nls03	22041	82.0	103.0	0.2	40.0	0.0	85.0
B366	26	GEO_Eqn_6.12b_nls03	22041	-302.0	190.0	-7.0	24.0	-6.0	72.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls03	22322.25	-302.0	202.0	-7.0	24.0	-4.0	17.0
B366	26	GEO_Eqn_6.12b_nls03	22603.5	-302.0	214.0	-7.0	24.0	-2.0	-41.0
B366	26	GEO_Eqn_6.12b_nls03	22603.5	-112.0	279.0	-6.0	25.0	2.0	-62.0
B366	26	GEO_Eqn_6.12b_nls03	22884.75	-112.0	291.0	-6.0	25.0	4.0	-142.0
B366	26	GEO_Eqn_6.12b_nls03	23166	-112.0	303.0	-6.0	25.0	6.0	-225.0
B366	26	GEO_Eqn_6.12b_nls03	23166	114.0	410.0	6.0	19.0	6.0	-244.0
B366	26	GEO_Eqn_6.12b_nls03	23447.25	114.0	422.0	6.0	19.0	4.0	-361.0
B366	26	GEO_Eqn_6.12b_nls03	23728.5	114.0	434.0	6.0	19.0	3.0	-482.0
B366	26	GEO_Eqn_6.12b_nls03	23728.5	300.0	526.0	8.0	21.0	-2.0	-512.0
B366	26	GEO_Eqn_6.12b_nls03	24009.75	300.0	538.0	8.0	21.0	-4.0	-662.0
B366	26	GEO_Eqn_6.12b_nls03	24291	300.0	550.0	8.0	21.0	-6.0	-814.0
B366	26	GEO_Eqn_6.12b_nls04	0	-21.0	115.0	-14.0	-514.0	-4.0	321.0
B366	26	GEO_Eqn_6.12b_nls04	262.5	-21.0	126.0	-14.0	-514.0	0.0	289.0
B366	26	GEO_Eqn_6.12b_nls04	525	-21.0	137.0	-14.0	-514.0	4.0	254.0
B366	26	GEO_Eqn_6.12b_nls04	525	21.0	404.0	14.0	-473.0	4.0	237.0
B366	26	GEO_Eqn_6.12b_nls04	787.5	21.0	415.0	14.0	-473.0	0.0	130.0
B366	26	GEO_Eqn_6.12b_nls04	1050	21.0	426.0	14.0	-473.0	-4.0	19.0
B366	26	GEO_Eqn_6.12b_nls04	1050	0.0	475.0	0.0	-415.0	0.0	10.0
B366	26	GEO_Eqn_6.12b_nls04	1500	0.0	494.0	0.0	-415.0	0.0	-208.0
B366	26	GEO_Eqn_6.12b_nls04	1950	0.0	513.0	0.0	-415.0	0.0	-435.0
B366	26	GEO_Eqn_6.12b_nls04	1950	-9.0	606.0	-5.0	-379.0	-1.0	-447.0
B366	26	GEO_Eqn_6.12b_nls04	2320.5	-9.0	622.0	-5.0	-379.0	1.0	-675.0
B366	26	GEO_Eqn_6.12b_nls04	2320.5	9.0	782.0	5.0	-355.0	1.0	-725.0
B366	26	GEO_Eqn_6.12b_nls04	2691	9.0	798.0	5.0	-355.0	-1.0	-1017.0
B366	26	GEO_Eqn_6.12b_nls04	2691	-20.0	262.0	-2.0	-754.0	-0.3	-952.0
B366	26	GEO_Eqn_6.12b_nls04	3041	-20.0	277.0	-2.0	-754.0	0.2	-1046.0
B366	26	GEO_Eqn_6.12b_nls04	3041	20.0	104.0	2.0	-739.0	0.3	-1065.0
B366	26	GEO_Eqn_6.12b_nls04	3391	20.0	119.0	2.0	-739.0	-0.3	-1104.0
B366	26	GEO_Eqn_6.12b_nls04	3391	-2.0	-91.0	-0.2	-735.0	-1.0	-1109.0
B366	26	GEO_Eqn_6.12b_nls04	3782.67	-2.0	-74.0	-0.2	-735.0	-0.5	-1076.0
B366	26	GEO_Eqn_6.12b_nls04	4174.33	-2.0	-58.0	-0.2	-735.0	-0.4	-1050.0
B366	26	GEO_Eqn_6.12b_nls04	4566	-2.0	-41.0	-0.2	-735.0	-0.3	-1031.0
B366	26	GEO_Eqn_6.12b_nls04	4566	-2.0	6.0	-0.5	-771.0	-0.4	-1031.0
B366	26	GEO_Eqn_6.12b_nls04	4957.67	-2.0	23.0	-0.5	-771.0	-0.2	-1036.0
B366	26	GEO_Eqn_6.12b_nls04	5349.33	-2.0	39.0	-0.5	-771.0	0.0	-1048.0
B366	26	GEO_Eqn_6.12b_nls04	5741	-2.0	56.0	-0.5	-771.0	0.2	-1067.0
B366	26	GEO_Eqn_6.12b_nls04	5741	-1.0	100.0	-2.0	-803.0	0.2	-1067.0
B366	26	GEO_Eqn_6.12b_nls04	6132.67	-1.0	116.0	-2.0	-803.0	1.0	-1110.0
B366	26	GEO_Eqn_6.12b_nls04	6524.33	-1.0	133.0	-2.0	-803.0	1.0	-1158.0
B366	26	GEO_Eqn_6.12b_nls04	6916	-1.0	150.0	-2.0	-803.0	2.0	-1214.0
B366	26	GEO_Eqn_6.12b_nls04	6916	5.0	168.0	4.0	-818.0	2.0	-1214.0
B366	26	GEO_Eqn_6.12b_nls04	7307.67	5.0	185.0	4.0	-818.0	0.1	-1284.0
B366	26	GEO_Eqn_6.12b_nls04	7699.33	5.0	202.0	4.0	-818.0	-1.0	-1359.0
B366	26	GEO_Eqn_6.12b_nls04	8091	5.0	218.0	4.0	-818.0	-3.0	-1442.0
B366	26	GEO_Eqn_6.12b_nls04	8091	0.2	-1011.0	-3.0	-319.0	-2.0	-1947.0
B366	26	GEO_Eqn_6.12b_nls04	8482.67	0.2	-994.0	-3.0	-319.0	-1.0	-1554.0
B366	26	GEO_Eqn_6.12b_nls04	8874.33	0.2	-977.0	-3.0	-319.0	0.3	-1168.0
B366	26	GEO_Eqn_6.12b_nls04	9266	0.2	-961.0	-3.0	-319.0	1.0	-789.0
B366	26	GEO_Eqn_6.12b_nls04	9266	-1.0	-943.0	1.0	-330.0	1.0	-787.0
B366	26	GEO_Eqn_6.12b_nls04	9657.67	-1.0	-926.0	1.0	-330.0	1.0	-421.0
B366	26	GEO_Eqn_6.12b_nls04	10049.33	-1.0	-909.0	1.0	-330.0	0.4	-62.0
B366	26	GEO_Eqn_6.12b_nls04	10441	-1.0	-893.0	1.0	-330.0	-0.1	291.0
B366	26	GEO_Eqn_6.12b_nls04	10441	0.0	-853.0	0.1	-351.0	-0.2	291.0
B366	26	GEO_Eqn_6.12b_nls04	10832.67	0.0	-836.0	0.1	-351.0	-0.3	622.0
B366	26	GEO_Eqn_6.12b_nls04	11224.33	0.0	-820.0	0.1	-351.0	-0.3	946.0
B366	26	GEO_Eqn_6.12b_nls04	11616	-0.1	-803.0	0.1	-351.0	-0.4	1264.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls04	11616	1.0	-768.0	-0.4	-369.0	-0.4	1264.0
B366	26	GEO_Eqn_6.12b_nls04	12007.67	1.0	-751.0	-0.4	-369.0	-0.2	1561.0
B366	26	GEO_Eqn_6.12b_nls04	12399.33	1.0	-735.0	-0.4	-369.0	-0.1	1852.0
B366	26	GEO_Eqn_6.12b_nls04	12791	1.0	-718.0	-0.4	-369.0	0.1	2137.0
B366	26	GEO_Eqn_6.12b_nls04	12791	-75.0	196.0	-0.1	-372.0	0.0	2128.0
B366	26	GEO_Eqn_6.12b_nls04	13141	-75.0	211.0	-0.1	-372.0	0.0	2057.0
B366	26	GEO_Eqn_6.12b_nls04	13141	75.0	1093.0	0.1	-372.0	0.0	1992.0
B366	26	GEO_Eqn_6.12b_nls04	13491	75.0	1108.0	0.1	-372.0	0.0	1607.0
B366	26	GEO_Eqn_6.12b_nls04	13491	0.0	-46.0	0.0	144.0	0.0	1525.0
B366	26	GEO_Eqn_6.12b_nls04	13941	0.0	-27.0	0.0	144.0	0.0	1542.0
B366	26	GEO_Eqn_6.12b_nls04	13941	-56.0	243.0	-0.2	143.0	0.0	1527.0
B366	26	GEO_Eqn_6.12b_nls04	14391	-56.0	262.0	-0.2	143.0	0.0	1414.0
B366	26	GEO_Eqn_6.12b_nls04	14391	56.0	303.0	0.2	143.0	0.0	1392.0
B366	26	GEO_Eqn_6.12b_nls04	14841	56.0	322.0	0.2	143.0	0.0	1252.0
B366	26	GEO_Eqn_6.12b_nls04	14841	0.0	174.0	0.0	138.0	0.0	1241.0
B366	26	GEO_Eqn_6.12b_nls04	15191	0.0	189.0	0.0	138.0	0.0	1177.0
B366	26	GEO_Eqn_6.12b_nls04	15191	-0.5	40.0	-0.2	128.0	-0.1	1178.0
B366	26	GEO_Eqn_6.12b_nls04	15656	-0.5	60.0	-0.2	128.0	0.0	1155.0
B366	26	GEO_Eqn_6.12b_nls04	16121	-0.5	79.0	-0.2	128.0	0.1	1123.0
B366	26	GEO_Eqn_6.12b_nls04	16121	0.5	112.0	0.2	109.0	0.1	1123.0
B366	26	GEO_Eqn_6.12b_nls04	16586	0.5	132.0	0.2	109.0	0.0	1067.0
B366	26	GEO_Eqn_6.12b_nls04	17051	0.5	152.0	0.2	109.0	-0.1	1001.0
B366	26	GEO_Eqn_6.12b_nls04	17051	-35.0	316.0	-0.1	94.0	0.0	992.0
B366	26	GEO_Eqn_6.12b_nls04	17441	-35.0	333.0	-0.1	94.0	0.0	865.0
B366	26	GEO_Eqn_6.12b_nls04	17441	35.0	456.0	0.1	95.0	0.0	836.0
B366	26	GEO_Eqn_6.12b_nls04	17831	35.0	473.0	0.1	95.0	0.0	655.0
B366	26	GEO_Eqn_6.12b_nls04	17831	-61.0	567.0	-0.1	88.0	0.0	631.0
B366	26	GEO_Eqn_6.12b_nls04	18096	-61.0	579.0	-0.1	88.0	0.0	480.0
B366	26	GEO_Eqn_6.12b_nls04	18361	-61.0	590.0	-0.1	88.0	0.0	325.0
B366	26	GEO_Eqn_6.12b_nls04	18361	61.0	639.0	0.1	89.0	0.0	291.0
B366	26	GEO_Eqn_6.12b_nls04	18626	61.0	650.0	0.1	89.0	0.0	121.0
B366	26	GEO_Eqn_6.12b_nls04	18891	61.0	661.0	0.1	89.0	0.0	-53.0
B366	26	GEO_Eqn_6.12b_nls04	18891	-209.0	-103.0	-3.0	-25.0	-2.0	-64.0
B366	26	GEO_Eqn_6.12b_nls04	19172.25	-209.0	-91.0	-3.0	-25.0	-2.0	-37.0
B366	26	GEO_Eqn_6.12b_nls04	19453.5	-209.0	-79.0	-3.0	-25.0	-1.0	-13.0
B366	26	GEO_Eqn_6.12b_nls04	19453.5	-77.0	-38.0	-2.0	-24.0	1.0	-17.0
B366	26	GEO_Eqn_6.12b_nls04	19734.75	-77.0	-26.0	-2.0	-24.0	1.0	-8.0
B366	26	GEO_Eqn_6.12b_nls04	20016	-77.0	-14.0	-2.0	-24.0	2.0	-3.0
B366	26	GEO_Eqn_6.12b_nls04	20016	76.0	26.0	3.0	-35.0	3.0	-10.0
B366	26	GEO_Eqn_6.12b_nls04	20297.25	76.0	38.0	3.0	-35.0	2.0	-19.0
B366	26	GEO_Eqn_6.12b_nls04	20578.5	76.0	50.0	3.0	-35.0	1.0	-32.0
B366	26	GEO_Eqn_6.12b_nls04	20578.5	210.0	71.0	3.0	-34.0	-1.0	-41.0
B366	26	GEO_Eqn_6.12b_nls04	20859.75	210.0	82.0	3.0	-34.0	-2.0	-63.0
B366	26	GEO_Eqn_6.12b_nls04	21141	210.0	94.0	3.0	-34.0	-2.0	-88.0
B366	26	GEO_Eqn_6.12b_nls04	21141	-52.0	143.0	-0.1	-53.0	0.0	-98.0
B366	26	GEO_Eqn_6.12b_nls04	21591	-52.0	162.0	-0.1	-53.0	0.0	-167.0
B366	26	GEO_Eqn_6.12b_nls04	21591	52.0	180.0	0.1	-53.0	0.0	-182.0
B366	26	GEO_Eqn_6.12b_nls04	22041	52.0	199.0	0.1	-53.0	0.0	-267.0
B366	26	GEO_Eqn_6.12b_nls04	22041	-215.0	263.0	-2.0	-72.0	-1.0	-280.0
B366	26	GEO_Eqn_6.12b_nls04	22322.25	-215.0	275.0	-2.0	-72.0	-1.0	-356.0
B366	26	GEO_Eqn_6.12b_nls04	22603.5	-215.0	287.0	-2.0	-72.0	-0.4	-435.0
B366	26	GEO_Eqn_6.12b_nls04	22603.5	-84.0	305.0	-1.0	-72.0	0.5	-454.0
B366	26	GEO_Eqn_6.12b_nls04	22884.75	-84.0	317.0	-1.0	-72.0	1.0	-542.0
B366	26	GEO_Eqn_6.12b_nls04	23166	-84.0	329.0	-1.0	-72.0	1.0	-632.0
B366	26	GEO_Eqn_6.12b_nls04	23166	79.0	343.0	1.0	-82.0	1.0	-650.0
B366	26	GEO_Eqn_6.12b_nls04	23447.25	79.0	355.0	1.0	-82.0	1.0	-748.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls04	23728.5	79.0	367.0	1.0	-82.0	0.5	-849.0
B366	26	GEO_Eqn_6.12b_nls04	23728.5	221.0	274.0	1.0	-82.0	-0.4	-871.0
B366	26	GEO_Eqn_6.12b_nls04	24009.75	221.0	286.0	1.0	-82.0	-1.0	-950.0
B366	26	GEO_Eqn_6.12b_nls04	24291	221.0	298.0	1.0	-82.0	-1.0	-1032.0
B366	26	GEO_Eqn_6.12b_nls05	0	9.0	-466.0	-17.0	-625.0	-4.0	358.0
B366	26	GEO_Eqn_6.12b_nls05	262.5	9.0	-455.0	-17.0	-625.0	-0.1	479.0
B366	26	GEO_Eqn_6.12b_nls05	525	9.0	-444.0	-17.0	-625.0	4.0	597.0
B366	26	GEO_Eqn_6.12b_nls05	525	-9.0	-515.0	17.0	-575.0	5.0	622.0
B366	26	GEO_Eqn_6.12b_nls05	787.5	-9.0	-504.0	17.0	-575.0	0.1	756.0
B366	26	GEO_Eqn_6.12b_nls05	1050	-9.0	-493.0	17.0	-575.0	-4.0	886.0
B366	26	GEO_Eqn_6.12b_nls05	1050	0.0	-441.0	0.0	-506.0	0.0	898.0
B366	26	GEO_Eqn_6.12b_nls05	1500	0.0	-422.0	0.0	-506.0	0.0	1092.0
B366	26	GEO_Eqn_6.12b_nls05	1950	0.0	-403.0	0.0	-506.0	0.0	1278.0
B366	26	GEO_Eqn_6.12b_nls05	1950	7.0	-400.0	-5.0	-461.0	-1.0	1284.0
B366	26	GEO_Eqn_6.12b_nls05	2320.5	7.0	-384.0	-5.0	-461.0	1.0	1430.0
B366	26	GEO_Eqn_6.12b_nls05	2320.5	-7.0	-380.0	5.0	-434.0	1.0	1458.0
B366	26	GEO_Eqn_6.12b_nls05	2691	-7.0	-364.0	5.0	-434.0	-1.0	1596.0
B366	26	GEO_Eqn_6.12b_nls05	2691	32.0	-575.0	-2.0	-832.0	-0.3	1702.0
B366	26	GEO_Eqn_6.12b_nls05	3041	32.0	-560.0	-2.0	-832.0	0.3	1901.0
B366	26	GEO_Eqn_6.12b_nls05	3041	-32.0	-124.0	2.0	-815.0	0.3	1933.0
B366	26	GEO_Eqn_6.12b_nls05	3391	-32.0	-110.0	2.0	-815.0	-0.3	1974.0
B366	26	GEO_Eqn_6.12b_nls05	3391	-2.0	400.0	-4.0	-806.0	-5.0	1981.0
B366	26	GEO_Eqn_6.12b_nls05	3782.67	-2.0	417.0	-4.0	-806.0	-4.0	1821.0
B366	26	GEO_Eqn_6.12b_nls05	4174.33	-2.0	433.0	-4.0	-806.0	-2.0	1655.0
B366	26	GEO_Eqn_6.12b_nls05	4566	-2.0	450.0	-4.0	-806.0	-0.3	1482.0
B366	26	GEO_Eqn_6.12b_nls05	4566	-1.0	496.0	-3.0	-840.0	-0.3	1481.0
B366	26	GEO_Eqn_6.12b_nls05	4957.67	-1.0	513.0	-3.0	-840.0	1.0	1284.0
B366	26	GEO_Eqn_6.12b_nls05	5349.33	-1.0	529.0	-3.0	-840.0	2.0	1080.0
B366	26	GEO_Eqn_6.12b_nls05	5741	-1.0	546.0	-3.0	-840.0	3.0	869.0
B366	26	GEO_Eqn_6.12b_nls05	5741	0.4	587.0	-2.0	-868.0	3.0	868.0
B366	26	GEO_Eqn_6.12b_nls05	6132.67	0.4	603.0	-2.0	-868.0	4.0	635.0
B366	26	GEO_Eqn_6.12b_nls05	6524.33	0.3	620.0	-2.0	-868.0	5.0	396.0
B366	26	GEO_Eqn_6.12b_nls05	6916	0.3	637.0	-2.0	-868.0	6.0	150.0
B366	26	GEO_Eqn_6.12b_nls05	6916	3.0	649.0	15.0	-878.0	6.0	148.0
B366	26	GEO_Eqn_6.12b_nls05	7307.67	3.0	666.0	15.0	-878.0	-0.2	-109.0
B366	26	GEO_Eqn_6.12b_nls05	7699.33	3.0	682.0	15.0	-878.0	-6.0	-373.0
B366	26	GEO_Eqn_6.12b_nls05	8091	3.0	699.0	15.0	-878.0	-12.0	-643.0
B366	26	GEO_Eqn_6.12b_nls05	8091	12.0	165.0	-16.0	49.0	-13.0	-246.0
B366	26	GEO_Eqn_6.12b_nls05	8482.67	12.0	182.0	-16.0	49.0	-7.0	-313.0
B366	26	GEO_Eqn_6.12b_nls05	8874.33	12.0	198.0	-16.0	49.0	-1.0	-388.0
B366	26	GEO_Eqn_6.12b_nls05	9266	12.0	215.0	-16.0	49.0	6.0	-469.0
B366	26	GEO_Eqn_6.12b_nls05	9266	2.0	236.0	3.0	37.0	7.0	-469.0
B366	26	GEO_Eqn_6.12b_nls05	9657.67	2.0	253.0	3.0	37.0	6.0	-565.0
B366	26	GEO_Eqn_6.12b_nls05	10049.33	2.0	269.0	3.0	37.0	5.0	-667.0
B366	26	GEO_Eqn_6.12b_nls05	10441	2.0	286.0	3.0	37.0	4.0	-776.0
B366	26	GEO_Eqn_6.12b_nls05	10441	-4.0	327.0	4.0	13.0	4.0	-777.0
B366	26	GEO_Eqn_6.12b_nls05	10832.67	-4.0	343.0	4.0	13.0	2.0	-908.0
B366	26	GEO_Eqn_6.12b_nls05	11224.33	-4.0	360.0	4.0	13.0	1.0	-1046.0
B366	26	GEO_Eqn_6.12b_nls05	11616	-4.0	377.0	4.0	13.0	-0.5	-1190.0
B366	26	GEO_Eqn_6.12b_nls05	11616	-10.0	413.0	5.0	-8.0	-0.2	-1192.0
B366	26	GEO_Eqn_6.12b_nls05	12007.67	-10.0	430.0	5.0	-8.0	-2.0	-1357.0
B366	26	GEO_Eqn_6.12b_nls05	12399.33	-10.0	447.0	5.0	-8.0	-4.0	-1529.0
B366	26	GEO_Eqn_6.12b_nls05	12791	-10.0	463.0	5.0	-8.0	-6.0	-1707.0
B366	26	GEO_Eqn_6.12b_nls05	12791	44.0	44.0	-1.0	-10.0	-0.1	-1704.0
B366	26	GEO_Eqn_6.12b_nls05	13141	44.0	58.0	-1.0	-10.0	0.1	-1722.0
B366	26	GEO_Eqn_6.12b_nls05	13141	-44.0	-224.0	1.0	-7.0	0.1	-1707.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls05	13491	-44.0	-209.0	1.0	-7.0	-0.1	-1632.0
B366	26	GEO_Eqn_6.12b_nls05	13491	0.0	-1041.0	0.0	-179.0	0.0	-1601.0
B366	26	GEO_Eqn_6.12b_nls05	13941	0.0	-1022.0	0.0	-179.0	0.0	-1137.0
B366	26	GEO_Eqn_6.12b_nls05	13941	37.0	-851.0	-0.4	-177.0	-0.1	-1110.0
B366	26	GEO_Eqn_6.12b_nls05	14391	37.0	-832.0	-0.4	-177.0	0.1	-731.0
B366	26	GEO_Eqn_6.12b_nls05	14391	-37.0	-614.0	0.4	-175.0	0.1	-692.0
B366	26	GEO_Eqn_6.12b_nls05	14841	-37.0	-595.0	0.4	-175.0	-0.1	-420.0
B366	26	GEO_Eqn_6.12b_nls05	14841	0.0	-259.0	0.0	-179.0	0.0	-405.0
B366	26	GEO_Eqn_6.12b_nls05	15191	0.0	-244.0	0.0	-179.0	0.0	-317.0
B366	26	GEO_Eqn_6.12b_nls05	15191	0.3	15.0	-0.2	-189.0	-0.1	-313.0
B366	26	GEO_Eqn_6.12b_nls05	15656	0.3	35.0	-0.2	-189.0	0.0	-325.0
B366	26	GEO_Eqn_6.12b_nls05	16121	0.3	54.0	-0.2	-189.0	0.1	-345.0
B366	26	GEO_Eqn_6.12b_nls05	16121	-0.3	87.0	0.2	-209.0	0.1	-345.0
B366	26	GEO_Eqn_6.12b_nls05	16586	-0.3	107.0	0.2	-209.0	0.0	-390.0
B366	26	GEO_Eqn_6.12b_nls05	17051	-0.3	127.0	0.2	-209.0	-0.1	-444.0
B366	26	GEO_Eqn_6.12b_nls05	17051	35.0	26.0	-0.4	-222.0	-0.1	-442.0
B366	26	GEO_Eqn_6.12b_nls05	17441	35.0	42.0	-0.4	-222.0	0.1	-456.0
B366	26	GEO_Eqn_6.12b_nls05	17441	-35.0	1.0	0.4	-220.0	0.1	-452.0
B366	26	GEO_Eqn_6.12b_nls05	17831	-35.0	18.0	0.4	-220.0	-0.1	-455.0
B366	26	GEO_Eqn_6.12b_nls05	17831	69.0	119.0	-2.0	-220.0	-0.5	-449.0
B366	26	GEO_Eqn_6.12b_nls05	18096	69.0	130.0	-2.0	-220.0	0.0	-482.0
B366	26	GEO_Eqn_6.12b_nls05	18361	69.0	141.0	-2.0	-220.0	0.4	-518.0
B366	26	GEO_Eqn_6.12b_nls05	18361	-69.0	332.0	2.0	-218.0	0.5	-521.0
B366	26	GEO_Eqn_6.12b_nls05	18626	-69.0	343.0	2.0	-218.0	0.0	-610.0
B366	26	GEO_Eqn_6.12b_nls05	18891	-69.0	354.0	2.0	-218.0	-0.4	-703.0
B366	26	GEO_Eqn_6.12b_nls05	18891	201.0	-866.0	-5.0	133.0	-3.0	-681.0
B366	26	GEO_Eqn_6.12b_nls05	19172.25	201.0	-854.0	-5.0	133.0	-2.0	-440.0
B366	26	GEO_Eqn_6.12b_nls05	19453.5	201.0	-842.0	-5.0	133.0	-1.0	-201.0
B366	26	GEO_Eqn_6.12b_nls05	19453.5	71.0	-655.0	-2.0	135.0	2.0	-163.0
B366	26	GEO_Eqn_6.12b_nls05	19734.75	71.0	-643.0	-2.0	135.0	2.0	20.0
B366	26	GEO_Eqn_6.12b_nls05	20016	71.0	-631.0	-2.0	135.0	3.0	199.0
B366	26	GEO_Eqn_6.12b_nls05	20016	-74.0	-511.0	3.0	131.0	2.0	220.0
B366	26	GEO_Eqn_6.12b_nls05	20297.25	-74.0	-499.0	3.0	131.0	2.0	362.0
B366	26	GEO_Eqn_6.12b_nls05	20578.5	-74.0	-487.0	3.0	131.0	1.0	501.0
B366	26	GEO_Eqn_6.12b_nls05	20578.5	-197.0	-446.0	3.0	132.0	-1.0	527.0
B366	26	GEO_Eqn_6.12b_nls05	20859.75	-197.0	-434.0	3.0	132.0	-2.0	651.0
B366	26	GEO_Eqn_6.12b_nls05	21141	-197.0	-422.0	3.0	132.0	-3.0	771.0
B366	26	GEO_Eqn_6.12b_nls05	21141	57.0	-364.0	-0.2	118.0	0.0	789.0
B366	26	GEO_Eqn_6.12b_nls05	21591	57.0	-344.0	-0.2	118.0	0.0	948.0
B366	26	GEO_Eqn_6.12b_nls05	21591	-57.0	-339.0	0.2	119.0	0.0	974.0
B366	26	GEO_Eqn_6.12b_nls05	22041	-57.0	-320.0	0.2	119.0	0.0	1122.0
B366	26	GEO_Eqn_6.12b_nls05	22041	304.0	-269.0	-3.0	105.0	-3.0	1140.0
B366	26	GEO_Eqn_6.12b_nls05	22322.25	304.0	-257.0	-3.0	105.0	-2.0	1214.0
B366	26	GEO_Eqn_6.12b_nls05	22603.5	304.0	-245.0	-3.0	105.0	-1.0	1285.0
B366	26	GEO_Eqn_6.12b_nls05	22603.5	125.0	-150.0	-3.0	106.0	1.0	1303.0
B366	26	GEO_Eqn_6.12b_nls05	22884.75	125.0	-138.0	-3.0	106.0	2.0	1343.0
B366	26	GEO_Eqn_6.12b_nls05	23166	125.0	-126.0	-3.0	106.0	3.0	1380.0
B366	26	GEO_Eqn_6.12b_nls05	23166	-110.0	132.0	1.0	103.0	2.0	1395.0
B366	26	GEO_Eqn_6.12b_nls05	23447.25	-110.0	144.0	1.0	103.0	2.0	1356.0
B366	26	GEO_Eqn_6.12b_nls05	23728.5	-110.0	155.0	1.0	103.0	2.0	1314.0
B366	26	GEO_Eqn_6.12b_nls05	23728.5	-319.0	709.0	5.0	105.0	-0.4	1309.0
B366	26	GEO_Eqn_6.12b_nls05	24009.75	-319.0	721.0	5.0	105.0	-2.0	1108.0
B366	26	GEO_Eqn_6.12b_nls05	24291	-319.0	733.0	5.0	105.0	-3.0	903.0
B366	26	GEO_Eqn_6.12b_nls06	0	13.0	-520.0	-15.0	-555.0	-4.0	359.0
B366	26	GEO_Eqn_6.12b_nls06	262.5	13.0	-509.0	-15.0	-555.0	-0.1	494.0
B366	26	GEO_Eqn_6.12b_nls06	525	13.0	-498.0	-15.0	-555.0	4.0	626.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls06	525	-13.0	-603.0	16.0	-510.0	4.0	654.0
B366	26	GEO_Eqn_6.12b_nls06	787.5	-13.0	-592.0	16.0	-510.0	0.1	811.0
B366	26	GEO_Eqn_6.12b_nls06	1050	-13.0	-581.0	16.0	-510.0	-4.0	965.0
B366	26	GEO_Eqn_6.12b_nls06	1050	0.0	-528.0	0.0	-447.0	0.0	978.0
B366	26	GEO_Eqn_6.12b_nls06	1500	0.0	-509.0	0.0	-447.0	0.0	1212.0
B366	26	GEO_Eqn_6.12b_nls06	1950	0.0	-490.0	0.0	-447.0	0.0	1436.0
B366	26	GEO_Eqn_6.12b_nls06	1950	9.0	-501.0	-5.0	-406.0	-1.0	1445.0
B366	26	GEO_Eqn_6.12b_nls06	2320.5	9.0	-485.0	-5.0	-406.0	1.0	1627.0
B366	26	GEO_Eqn_6.12b_nls06	2320.5	-9.0	-505.0	5.0	-381.0	1.0	1664.0
B366	26	GEO_Eqn_6.12b_nls06	2691	-9.0	-490.0	5.0	-381.0	-1.0	1848.0
B366	26	GEO_Eqn_6.12b_nls06	2691	37.0	-610.0	-2.0	-763.0	-0.3	1965.0
B366	26	GEO_Eqn_6.12b_nls06	3041	37.0	-595.0	-2.0	-763.0	0.3	2176.0
B366	26	GEO_Eqn_6.12b_nls06	3041	-37.0	-108.0	2.0	-747.0	0.3	2209.0
B366	26	GEO_Eqn_6.12b_nls06	3391	-37.0	-94.0	2.0	-747.0	-0.3	2245.0
B366	26	GEO_Eqn_6.12b_nls06	3391	-2.0	487.0	-4.0	-738.0	-6.0	2252.0
B366	26	GEO_Eqn_6.12b_nls06	3782.67	-2.0	504.0	-4.0	-738.0	-4.0	2058.0
B366	26	GEO_Eqn_6.12b_nls06	4174.33	-2.0	520.0	-4.0	-738.0	-2.0	1858.0
B366	26	GEO_Eqn_6.12b_nls06	4566	-2.0	537.0	-4.0	-738.0	-0.4	1651.0
B366	26	GEO_Eqn_6.12b_nls06	4566	-1.0	583.0	-3.0	-772.0	-0.4	1650.0
B366	26	GEO_Eqn_6.12b_nls06	4957.67	-1.0	600.0	-3.0	-772.0	1.0	1419.0
B366	26	GEO_Eqn_6.12b_nls06	5349.33	-1.0	616.0	-3.0	-772.0	2.0	1181.0
B366	26	GEO_Eqn_6.12b_nls06	5741	-1.0	633.0	-3.0	-772.0	3.0	936.0
B366	26	GEO_Eqn_6.12b_nls06	5741	0.4	674.0	-3.0	-800.0	3.0	935.0
B366	26	GEO_Eqn_6.12b_nls06	6132.67	0.4	691.0	-3.0	-800.0	4.0	668.0
B366	26	GEO_Eqn_6.12b_nls06	6524.33	0.4	707.0	-3.0	-800.0	5.0	394.0
B366	26	GEO_Eqn_6.12b_nls06	6916	0.4	724.0	-2.0	-800.0	6.0	114.0
B366	26	GEO_Eqn_6.12b_nls06	6916	3.0	736.0	16.0	-810.0	6.0	112.0
B366	26	GEO_Eqn_6.12b_nls06	7307.67	3.0	753.0	16.0	-810.0	-0.1	-179.0
B366	26	GEO_Eqn_6.12b_nls06	7699.33	3.0	769.0	16.0	-810.0	-6.0	-477.0
B366	26	GEO_Eqn_6.12b_nls06	8091	3.0	786.0	16.0	-810.0	-12.0	-782.0
B366	26	GEO_Eqn_6.12b_nls06	8091	13.0	166.0	-17.0	40.0	-14.0	-313.0
B366	26	GEO_Eqn_6.12b_nls06	8482.67	13.0	182.0	-17.0	40.0	-7.0	-382.0
B366	26	GEO_Eqn_6.12b_nls06	8874.33	13.0	199.0	-17.0	40.0	-1.0	-456.0
B366	26	GEO_Eqn_6.12b_nls06	9266	13.0	216.0	-17.0	40.0	6.0	-538.0
B366	26	GEO_Eqn_6.12b_nls06	9266	2.0	238.0	3.0	28.0	7.0	-538.0
B366	26	GEO_Eqn_6.12b_nls06	9657.67	2.0	254.0	3.0	28.0	6.0	-634.0
B366	26	GEO_Eqn_6.12b_nls06	10049.33	2.0	271.0	3.0	28.0	5.0	-737.0
B366	26	GEO_Eqn_6.12b_nls06	10441	2.0	287.0	3.0	28.0	4.0	-846.0
B366	26	GEO_Eqn_6.12b_nls06	10441	-5.0	329.0	4.0	4.0	4.0	-847.0
B366	26	GEO_Eqn_6.12b_nls06	10832.67	-5.0	345.0	4.0	4.0	3.0	-979.0
B366	26	GEO_Eqn_6.12b_nls06	11224.33	-5.0	362.0	4.0	4.0	1.0	-1118.0
B366	26	GEO_Eqn_6.12b_nls06	11616	-5.0	379.0	4.0	4.0	-1.0	-1263.0
B366	26	GEO_Eqn_6.12b_nls06	11616	-11.0	415.0	5.0	-18.0	-0.3	-1265.0
B366	26	GEO_Eqn_6.12b_nls06	12007.67	-11.0	432.0	5.0	-18.0	-2.0	-1431.0
B366	26	GEO_Eqn_6.12b_nls06	12399.33	-11.0	449.0	5.0	-18.0	-5.0	-1603.0
B366	26	GEO_Eqn_6.12b_nls06	12791	-11.0	465.0	5.0	-18.0	-7.0	-1782.0
B366	26	GEO_Eqn_6.12b_nls06	12791	57.0	-87.0	-1.0	-21.0	-0.1	-1776.0
B366	26	GEO_Eqn_6.12b_nls06	13141	57.0	-73.0	-1.0	-21.0	0.1	-1748.0
B366	26	GEO_Eqn_6.12b_nls06	13141	-57.0	-522.0	1.0	-18.0	0.1	-1715.0
B366	26	GEO_Eqn_6.12b_nls06	13491	-57.0	-507.0	1.0	-18.0	-0.1	-1535.0
B366	26	GEO_Eqn_6.12b_nls06	13491	0.0	-895.0	0.0	-133.0	0.0	-1486.0
B366	26	GEO_Eqn_6.12b_nls06	13941	0.0	-876.0	0.0	-133.0	0.0	-1088.0
B366	26	GEO_Eqn_6.12b_nls06	13941	54.0	-796.0	-0.3	-133.0	-0.1	-1061.0
B366	26	GEO_Eqn_6.12b_nls06	14391	54.0	-776.0	-0.3	-133.0	0.1	-707.0
B366	26	GEO_Eqn_6.12b_nls06	14391	-54.0	-594.0	0.3	-131.0	0.1	-667.0
B366	26	GEO_Eqn_6.12b_nls06	14841	-54.0	-575.0	0.3	-131.0	-0.1	-404.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls06	14841	0.0	-218.0	0.0	-135.0	0.0	-388.0
B366	26	GEO_Eqn_6.12b_nls06	15191	0.0	-203.0	0.0	-135.0	0.0	-315.0
B366	26	GEO_Eqn_6.12b_nls06	15191	1.0	100.0	0.0	-146.0	0.0	-311.0
B366	26	GEO_Eqn_6.12b_nls06	15656	1.0	120.0	0.0	-146.0	0.0	-362.0
B366	26	GEO_Eqn_6.12b_nls06	16121	1.0	140.0	0.0	-146.0	0.0	-422.0
B366	26	GEO_Eqn_6.12b_nls06	16121	-1.0	173.0	0.1	-166.0	0.1	-422.0
B366	26	GEO_Eqn_6.12b_nls06	16586	-1.0	192.0	0.1	-166.0	0.0	-506.0
B366	26	GEO_Eqn_6.12b_nls06	17051	-1.0	212.0	0.1	-166.0	0.0	-600.0
B366	26	GEO_Eqn_6.12b_nls06	17051	53.0	8.0	-0.3	-179.0	-0.1	-598.0
B366	26	GEO_Eqn_6.12b_nls06	17441	53.0	24.0	-0.3	-179.0	0.1	-604.0
B366	26	GEO_Eqn_6.12b_nls06	17441	-53.0	-117.0	0.3	-178.0	0.1	-594.0
B366	26	GEO_Eqn_6.12b_nls06	17831	-53.0	-100.0	0.3	-178.0	-0.1	-551.0
B366	26	GEO_Eqn_6.12b_nls06	17831	101.0	-90.0	-1.0	-180.0	-0.4	-537.0
B366	26	GEO_Eqn_6.12b_nls06	18096	101.0	-79.0	-1.0	-180.0	0.0	-514.0
B366	26	GEO_Eqn_6.12b_nls06	18361	101.0	-67.0	-1.0	-180.0	0.3	-495.0
B366	26	GEO_Eqn_6.12b_nls06	18361	-101.0	39.0	1.0	-179.0	0.4	-483.0
B366	26	GEO_Eqn_6.12b_nls06	18626	-101.0	51.0	1.0	-179.0	0.0	-495.0
B366	26	GEO_Eqn_6.12b_nls06	18891	-101.0	62.0	1.0	-179.0	-0.3	-510.0
B366	26	GEO_Eqn_6.12b_nls06	18891	341.0	-587.0	-4.0	41.0	-3.0	-455.0
B366	26	GEO_Eqn_6.12b_nls06	19172.25	341.0	-575.0	-4.0	41.0	-2.0	-292.0
B366	26	GEO_Eqn_6.12b_nls06	19453.5	341.0	-563.0	-4.0	41.0	-1.0	-132.0
B366	26	GEO_Eqn_6.12b_nls06	19453.5	124.0	-442.0	-2.0	43.0	1.0	-99.0
B366	26	GEO_Eqn_6.12b_nls06	19734.75	124.0	-430.0	-2.0	43.0	2.0	23.0
B366	26	GEO_Eqn_6.12b_nls06	20016	124.0	-418.0	-2.0	43.0	2.0	143.0
B366	26	GEO_Eqn_6.12b_nls06	20016	-128.0	-342.0	2.0	36.0	2.0	163.0
B366	26	GEO_Eqn_6.12b_nls06	20297.25	-128.0	-330.0	2.0	36.0	1.0	258.0
B366	26	GEO_Eqn_6.12b_nls06	20578.5	-128.0	-318.0	2.0	36.0	1.0	349.0
B366	26	GEO_Eqn_6.12b_nls06	20578.5	-337.0	-308.0	3.0	37.0	-1.0	373.0
B366	26	GEO_Eqn_6.12b_nls06	20859.75	-337.0	-296.0	3.0	37.0	-2.0	458.0
B366	26	GEO_Eqn_6.12b_nls06	21141	-337.0	-284.0	3.0	37.0	-2.0	539.0
B366	26	GEO_Eqn_6.12b_nls06	21141	87.0	-251.0	-0.2	21.0	0.0	557.0
B366	26	GEO_Eqn_6.12b_nls06	21591	87.0	-232.0	-0.2	21.0	0.0	666.0
B366	26	GEO_Eqn_6.12b_nls06	21591	-87.0	-244.0	0.2	22.0	0.0	689.0
B366	26	GEO_Eqn_6.12b_nls06	22041	-87.0	-225.0	0.2	22.0	0.0	794.0
B366	26	GEO_Eqn_6.12b_nls06	22041	395.0	-198.0	2.0	5.0	2.0	813.0
B366	26	GEO_Eqn_6.12b_nls06	22322.25	395.0	-186.0	2.0	5.0	1.0	867.0
B366	26	GEO_Eqn_6.12b_nls06	22603.5	395.0	-174.0	2.0	5.0	1.0	918.0
B366	26	GEO_Eqn_6.12b_nls06	22603.5	155.0	-125.0	2.0	6.0	-1.0	937.0
B366	26	GEO_Eqn_6.12b_nls06	22884.75	155.0	-113.0	2.0	6.0	-1.0	970.0
B366	26	GEO_Eqn_6.12b_nls06	23166	155.0	-101.0	2.0	6.0	-2.0	1001.0
B366	26	GEO_Eqn_6.12b_nls06	23166	-147.0	65.0	-3.0	-2.0	-2.0	1017.0
B366	26	GEO_Eqn_6.12b_nls06	23447.25	-147.0	77.0	-3.0	-2.0	-1.0	997.0
B366	26	GEO_Eqn_6.12b_nls06	23728.5	-147.0	88.0	-3.0	-2.0	-1.0	974.0
B366	26	GEO_Eqn_6.12b_nls06	23728.5	-403.0	465.0	-1.0	-1.0	1.0	977.0
B366	26	GEO_Eqn_6.12b_nls06	24009.75	-403.0	477.0	-1.0	-1.0	1.0	845.0
B366	26	GEO_Eqn_6.12b_nls06	24291	-403.0	489.0	-1.0	-1.0	2.0	709.0
B366	26	GEO_Eqn_6.12b_nls07	0	-24.0	137.0	-16.0	-595.0	-4.0	321.0
B366	26	GEO_Eqn_6.12b_nls07	262.5	-24.0	148.0	-16.0	-595.0	-0.1	283.0
B366	26	GEO_Eqn_6.12b_nls07	525	-24.0	159.0	-16.0	-595.0	4.0	243.0
B366	26	GEO_Eqn_6.12b_nls07	525	24.0	449.0	16.0	-547.0	4.0	224.0
B366	26	GEO_Eqn_6.12b_nls07	787.5	24.0	461.0	16.0	-547.0	0.1	104.0
B366	26	GEO_Eqn_6.12b_nls07	1050	24.0	472.0	16.0	-547.0	-4.0	-18.0
B366	26	GEO_Eqn_6.12b_nls07	1050	0.0	517.0	0.0	-480.0	0.0	-29.0
B366	26	GEO_Eqn_6.12b_nls07	1500	0.0	537.0	0.0	-480.0	0.0	-266.0
B366	26	GEO_Eqn_6.12b_nls07	1950	0.0	556.0	0.0	-480.0	0.0	-511.0
B366	26	GEO_Eqn_6.12b_nls07	1950	-11.0	664.0	-5.0	-438.0	-1.0	-525.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls07	2320.5	-11.0	680.0	-5.0	-438.0	1.0	-774.0
B366	26	GEO_Eqn_6.12b_nls07	2320.5	11.0	862.0	5.0	-411.0	1.0	-829.0
B366	26	GEO_Eqn_6.12b_nls07	2691	11.0	878.0	5.0	-411.0	-1.0	-1151.0
B366	26	GEO_Eqn_6.12b_nls07	2691	-23.0	233.0	-2.0	-826.0	-0.3	-1095.0
B366	26	GEO_Eqn_6.12b_nls07	3041	-23.0	248.0	-2.0	-826.0	0.3	-1179.0
B366	26	GEO_Eqn_6.12b_nls07	3041	23.0	48.0	2.0	-810.0	0.3	-1195.0
B366	26	GEO_Eqn_6.12b_nls07	3391	23.0	63.0	2.0	-810.0	-0.3	-1214.0
B366	26	GEO_Eqn_6.12b_nls07	3391	-3.0	-196.0	-1.0	-804.0	-1.0	-1218.0
B366	26	GEO_Eqn_6.12b_nls07	3782.67	-3.0	-179.0	-1.0	-804.0	-1.0	-1144.0
B366	26	GEO_Eqn_6.12b_nls07	4174.33	-3.0	-163.0	-1.0	-804.0	-1.0	-1077.0
B366	26	GEO_Eqn_6.12b_nls07	4566	-3.0	-146.0	-1.0	-804.0	-0.3	-1017.0
B366	26	GEO_Eqn_6.12b_nls07	4566	-2.0	-99.0	-1.0	-840.0	-0.3	-1016.0
B366	26	GEO_Eqn_6.12b_nls07	4957.67	-2.0	-82.0	-1.0	-840.0	0.0	-981.0
B366	26	GEO_Eqn_6.12b_nls07	5349.33	-2.0	-66.0	-1.0	-840.0	0.3	-952.0
B366	26	GEO_Eqn_6.12b_nls07	5741	-2.0	-49.0	-1.0	-840.0	1.0	-929.0
B366	26	GEO_Eqn_6.12b_nls07	5741	-0.4	-6.0	-2.0	-872.0	1.0	-930.0
B366	26	GEO_Eqn_6.12b_nls07	6132.67	-0.4	11.0	-2.0	-872.0	1.0	-931.0
B366	26	GEO_Eqn_6.12b_nls07	6524.33	-0.4	28.0	-2.0	-872.0	2.0	-938.0
B366	26	GEO_Eqn_6.12b_nls07	6916	-0.4	44.0	-2.0	-872.0	3.0	-952.0
B366	26	GEO_Eqn_6.12b_nls07	6916	5.0	63.0	6.0	-886.0	2.0	-953.0
B366	26	GEO_Eqn_6.12b_nls07	7307.67	5.0	79.0	6.0	-886.0	0.1	-980.0
B366	26	GEO_Eqn_6.12b_nls07	7699.33	5.0	96.0	6.0	-886.0	-2.0	-1015.0
B366	26	GEO_Eqn_6.12b_nls07	8091	5.0	113.0	6.0	-886.0	-4.0	-1056.0
B366	26	GEO_Eqn_6.12b_nls07	8091	1.0	-865.0	-4.0	-276.0	-3.0	-1567.0
B366	26	GEO_Eqn_6.12b_nls07	8482.67	1.0	-848.0	-4.0	-276.0	-2.0	-1231.0
B366	26	GEO_Eqn_6.12b_nls07	8874.33	1.0	-831.0	-4.0	-276.0	0.2	-902.0
B366	26	GEO_Eqn_6.12b_nls07	9266	1.0	-815.0	-4.0	-276.0	2.0	-580.0
B366	26	GEO_Eqn_6.12b_nls07	9266	-1.0	-797.0	1.0	-286.0	2.0	-579.0
B366	26	GEO_Eqn_6.12b_nls07	9657.67	-1.0	-780.0	1.0	-286.0	2.0	-270.0
B366	26	GEO_Eqn_6.12b_nls07	10049.33	-1.0	-764.0	1.0	-286.0	1.0	33.0
B366	26	GEO_Eqn_6.12b_nls07	10441	-1.0	-747.0	1.0	-286.0	0.4	328.0
B366	26	GEO_Eqn_6.12b_nls07	10441	-0.2	-708.0	0.5	-307.0	0.3	329.0
B366	26	GEO_Eqn_6.12b_nls07	10832.67	-0.2	-691.0	0.5	-307.0	0.1	603.0
B366	26	GEO_Eqn_6.12b_nls07	11224.33	-0.2	-675.0	0.5	-307.0	-0.1	870.0
B366	26	GEO_Eqn_6.12b_nls07	11616	-0.2	-658.0	1.0	-307.0	-0.3	1131.0
B366	26	GEO_Eqn_6.12b_nls07	11616	0.3	-623.0	0.4	-325.0	-0.3	1131.0
B366	26	GEO_Eqn_6.12b_nls07	12007.67	0.3	-606.0	0.4	-325.0	-0.5	1371.0
B366	26	GEO_Eqn_6.12b_nls07	12399.33	0.2	-589.0	0.4	-325.0	-1.0	1605.0
B366	26	GEO_Eqn_6.12b_nls07	12791	0.2	-573.0	0.4	-325.0	-1.0	1833.0
B366	26	GEO_Eqn_6.12b_nls07	12791	-81.0	358.0	-0.3	-326.0	-0.1	1821.0
B366	26	GEO_Eqn_6.12b_nls07	13141	-81.0	373.0	-0.3	-326.0	0.1	1693.0
B366	26	GEO_Eqn_6.12b_nls07	13141	81.0	1323.0	0.3	-324.0	0.1	1613.0
B366	26	GEO_Eqn_6.12b_nls07	13491	81.0	1338.0	0.3	-324.0	-0.1	1147.0
B366	26	GEO_Eqn_6.12b_nls07	13491	0.0	-249.0	0.0	71.0	0.0	1054.0
B366	26	GEO_Eqn_6.12b_nls07	13941	0.0	-230.0	0.0	71.0	0.0	1162.0
B366	26	GEO_Eqn_6.12b_nls07	13941	-72.0	108.0	-0.3	72.0	-0.1	1149.0
B366	26	GEO_Eqn_6.12b_nls07	14391	-72.0	128.0	-0.3	72.0	0.1	1096.0
B366	26	GEO_Eqn_6.12b_nls07	14391	72.0	200.0	0.3	73.0	0.1	1078.0
B366	26	GEO_Eqn_6.12b_nls07	14841	72.0	219.0	0.3	73.0	-0.1	984.0
B366	26	GEO_Eqn_6.12b_nls07	14841	0.0	52.0	0.0	69.0	0.0	974.0
B366	26	GEO_Eqn_6.12b_nls07	15191	0.0	67.0	0.0	69.0	0.0	953.0
B366	26	GEO_Eqn_6.12b_nls07	15191	-1.0	-127.0	-1.0	59.0	-0.3	954.0
B366	26	GEO_Eqn_6.12b_nls07	15656	-1.0	-107.0	-1.0	59.0	0.0	1008.0
B366	26	GEO_Eqn_6.12b_nls07	16121	-1.0	-87.0	-1.0	59.0	0.3	1053.0
B366	26	GEO_Eqn_6.12b_nls07	16121	1.0	-55.0	0.5	40.0	0.2	1055.0
B366	26	GEO_Eqn_6.12b_nls07	16586	1.0	-35.0	1.0	40.0	0.0	1075.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls07	17051	1.0	-15.0	1.0	40.0	-0.3	1087.0
B366	26	GEO_Eqn_6.12b_nls07	17051	-53.0	269.0	-0.2	27.0	0.0	1079.0
B366	26	GEO_Eqn_6.12b_nls07	17441	-53.0	285.0	-0.2	27.0	0.0	971.0
B366	26	GEO_Eqn_6.12b_nls07	17441	53.0	520.0	0.2	27.0	0.0	939.0
B366	26	GEO_Eqn_6.12b_nls07	17831	53.0	537.0	0.2	27.0	0.0	732.0
B366	26	GEO_Eqn_6.12b_nls07	17831	-93.0	732.0	-1.0	23.0	-0.2	702.0
B366	26	GEO_Eqn_6.12b_nls07	18096	-93.0	743.0	-1.0	23.0	0.0	507.0
B366	26	GEO_Eqn_6.12b_nls07	18361	-93.0	754.0	-1.0	23.0	0.1	308.0
B366	26	GEO_Eqn_6.12b_nls07	18361	93.0	902.0	1.0	25.0	0.2	262.0
B366	26	GEO_Eqn_6.12b_nls07	18626	93.0	913.0	1.0	25.0	0.0	22.0
B366	26	GEO_Eqn_6.12b_nls07	18891	93.0	925.0	1.0	25.0	-0.1	-222.0
B366	26	GEO_Eqn_6.12b_nls07	18891	-340.0	-411.0	-5.0	77.0	-4.0	-272.0
B366	26	GEO_Eqn_6.12b_nls07	19172.25	-340.0	-399.0	-5.0	77.0	-2.0	-158.0
B366	26	GEO_Eqn_6.12b_nls07	19453.5	-340.0	-387.0	-5.0	77.0	-1.0	-48.0
B366	26	GEO_Eqn_6.12b_nls07	19453.5	-125.0	-271.0	-3.0	78.0	1.0	-45.0
B366	26	GEO_Eqn_6.12b_nls07	19734.75	-125.0	-259.0	-3.0	78.0	2.0	30.0
B366	26	GEO_Eqn_6.12b_nls07	20016	-125.0	-247.0	-3.0	78.0	3.0	101.0
B366	26	GEO_Eqn_6.12b_nls07	20016	126.0	-159.0	4.0	71.0	4.0	94.0
B366	26	GEO_Eqn_6.12b_nls07	20297.25	126.0	-147.0	4.0	71.0	3.0	138.0
B366	26	GEO_Eqn_6.12b_nls07	20578.5	126.0	-135.0	4.0	71.0	1.0	177.0
B366	26	GEO_Eqn_6.12b_nls07	20578.5	339.0	-83.0	4.0	72.0	-1.0	171.0
B366	26	GEO_Eqn_6.12b_nls07	20859.75	339.0	-72.0	4.0	72.0	-2.0	193.0
B366	26	GEO_Eqn_6.12b_nls07	21141	339.0	-60.0	4.0	72.0	-4.0	211.0
B366	26	GEO_Eqn_6.12b_nls07	21141	-78.0	14.0	-0.2	55.0	0.0	202.0
B366	26	GEO_Eqn_6.12b_nls07	21591	-78.0	33.0	-0.2	55.0	0.0	191.0
B366	26	GEO_Eqn_6.12b_nls07	21591	78.0	67.0	0.2	56.0	0.0	180.0
B366	26	GEO_Eqn_6.12b_nls07	22041	78.0	86.0	0.2	56.0	0.0	146.0
B366	26	GEO_Eqn_6.12b_nls07	22041	-282.0	172.0	-7.0	40.0	-6.0	133.0
B366	26	GEO_Eqn_6.12b_nls07	22322.25	-282.0	184.0	-7.0	40.0	-4.0	83.0
B366	26	GEO_Eqn_6.12b_nls07	22603.5	-282.0	196.0	-7.0	40.0	-2.0	30.0
B366	26	GEO_Eqn_6.12b_nls07	22603.5	-103.0	265.0	-6.0	41.0	2.0	11.0
B366	26	GEO_Eqn_6.12b_nls07	22884.75	-103.0	277.0	-6.0	41.0	4.0	-66.0
B366	26	GEO_Eqn_6.12b_nls07	23166	-103.0	289.0	-6.0	41.0	5.0	-145.0
B366	26	GEO_Eqn_6.12b_nls07	23166	107.0	406.0	6.0	35.0	6.0	-163.0
B366	26	GEO_Eqn_6.12b_nls07	23447.25	107.0	418.0	6.0	35.0	4.0	-279.0
B366	26	GEO_Eqn_6.12b_nls07	23728.5	107.0	430.0	6.0	35.0	3.0	-398.0
B366	26	GEO_Eqn_6.12b_nls07	23728.5	278.0	543.0	8.0	37.0	-2.0	-428.0
B366	26	GEO_Eqn_6.12b_nls07	24009.75	278.0	555.0	8.0	37.0	-4.0	-582.0
B366	26	GEO_Eqn_6.12b_nls07	24291	278.0	567.0	8.0	37.0	-6.0	-740.0
B366	26	GEO_Eqn_6.12b_nls08	0	-21.0	95.0	-15.0	-526.0	-4.0	320.0
B366	26	GEO_Eqn_6.12b_nls08	262.5	-21.0	106.0	-15.0	-526.0	0.0	293.0
B366	26	GEO_Eqn_6.12b_nls08	525	-21.0	117.0	-15.0	-526.0	4.0	264.0
B366	26	GEO_Eqn_6.12b_nls08	525	21.0	376.0	15.0	-483.0	4.0	248.0
B366	26	GEO_Eqn_6.12b_nls08	787.5	21.0	387.0	15.0	-483.0	0.1	148.0
B366	26	GEO_Eqn_6.12b_nls08	1050	21.0	398.0	15.0	-483.0	-4.0	45.0
B366	26	GEO_Eqn_6.12b_nls08	1050	0.0	445.0	0.0	-424.0	0.0	36.0
B366	26	GEO_Eqn_6.12b_nls08	1500	0.0	464.0	0.0	-424.0	0.0	-168.0
B366	26	GEO_Eqn_6.12b_nls08	1950	0.0	483.0	0.0	-424.0	0.0	-382.0
B366	26	GEO_Eqn_6.12b_nls08	1950	-9.0	578.0	-5.0	-386.0	-1.0	-394.0
B366	26	GEO_Eqn_6.12b_nls08	2320.5	-9.0	594.0	-5.0	-386.0	1.0	-611.0
B366	26	GEO_Eqn_6.12b_nls08	2320.5	9.0	753.0	5.0	-362.0	1.0	-658.0
B366	26	GEO_Eqn_6.12b_nls08	2691	9.0	769.0	5.0	-362.0	-1.0	-940.0
B366	26	GEO_Eqn_6.12b_nls08	2691	-19.0	223.0	-2.0	-762.0	-0.3	-874.0
B366	26	GEO_Eqn_6.12b_nls08	3041	-19.0	238.0	-2.0	-762.0	0.2	-955.0
B366	26	GEO_Eqn_6.12b_nls08	3041	19.0	82.0	2.0	-747.0	0.3	-971.0
B366	26	GEO_Eqn_6.12b_nls08	3391	19.0	97.0	2.0	-747.0	-0.3	-1002.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls08	3391	-2.0	-97.0	0.3	-743.0	0.0	-1006.0
B366	26	GEO_Eqn_6.12b_nls08	3782.67	-2.0	-80.0	0.3	-743.0	-0.1	-971.0
B366	26	GEO_Eqn_6.12b_nls08	4174.33	-2.0	-64.0	0.3	-743.0	-0.2	-943.0
B366	26	GEO_Eqn_6.12b_nls08	4566	-2.0	-47.0	0.3	-743.0	-0.3	-922.0
B366	26	GEO_Eqn_6.12b_nls08	4566	-1.0	-0.2	-0.1	-779.0	-0.3	-921.0
B366	26	GEO_Eqn_6.12b_nls08	4957.67	-1.0	16.0	-0.1	-779.0	-0.3	-924.0
B366	26	GEO_Eqn_6.12b_nls08	5349.33	-1.0	33.0	-0.1	-779.0	-0.2	-934.0
B366	26	GEO_Eqn_6.12b_nls08	5741	-1.0	50.0	-0.1	-779.0	-0.2	-950.0
B366	26	GEO_Eqn_6.12b_nls08	5741	-1.0	93.0	-1.0	-810.0	-0.1	-951.0
B366	26	GEO_Eqn_6.12b_nls08	6132.67	-1.0	110.0	-1.0	-810.0	0.4	-991.0
B366	26	GEO_Eqn_6.12b_nls08	6524.33	-1.0	127.0	-1.0	-810.0	1.0	-1037.0
B366	26	GEO_Eqn_6.12b_nls08	6916	-1.0	143.0	-1.0	-810.0	1.0	-1090.0
B366	26	GEO_Eqn_6.12b_nls08	6916	4.0	162.0	2.0	-825.0	1.0	-1090.0
B366	26	GEO_Eqn_6.12b_nls08	7307.67	4.0	179.0	2.0	-825.0	0.2	-1157.0
B366	26	GEO_Eqn_6.12b_nls08	7699.33	4.0	195.0	2.0	-825.0	-1.0	-1230.0
B366	26	GEO_Eqn_6.12b_nls08	8091	4.0	212.0	2.0	-825.0	-2.0	-1310.0
B366	26	GEO_Eqn_6.12b_nls08	8091	-0.1	-931.0	-1.0	-291.0	-1.0	-1780.0
B366	26	GEO_Eqn_6.12b_nls08	8482.67	-0.1	-915.0	-1.0	-291.0	-0.2	-1418.0
B366	26	GEO_Eqn_6.12b_nls08	8874.33	-0.1	-898.0	-1.0	-291.0	0.3	-1063.0
B366	26	GEO_Eqn_6.12b_nls08	9266	-0.1	-881.0	-1.0	-291.0	1.0	-715.0
B366	26	GEO_Eqn_6.12b_nls08	9266	-1.0	-863.0	1.0	-302.0	1.0	-714.0
B366	26	GEO_Eqn_6.12b_nls08	9657.67	-1.0	-847.0	1.0	-302.0	1.0	-379.0
B366	26	GEO_Eqn_6.12b_nls08	10049.33	-1.0	-830.0	1.0	-302.0	0.1	-50.0
B366	26	GEO_Eqn_6.12b_nls08	10441	-1.0	-813.0	1.0	-302.0	-0.4	271.0
B366	26	GEO_Eqn_6.12b_nls08	10441	0.1	-774.0	-0.2	-323.0	-1.0	272.0
B366	26	GEO_Eqn_6.12b_nls08	10832.67	0.1	-757.0	-0.2	-323.0	-0.5	571.0
B366	26	GEO_Eqn_6.12b_nls08	11224.33	0.1	-740.0	-0.2	-323.0	-0.4	864.0
B366	26	GEO_Eqn_6.12b_nls08	11616	0.1	-724.0	-0.2	-323.0	-0.3	1151.0
B366	26	GEO_Eqn_6.12b_nls08	11616	1.0	-688.0	-1.0	-341.0	-0.4	1151.0
B366	26	GEO_Eqn_6.12b_nls08	12007.67	1.0	-672.0	-1.0	-341.0	-0.1	1417.0
B366	26	GEO_Eqn_6.12b_nls08	12399.33	1.0	-655.0	-1.0	-341.0	0.2	1677.0
B366	26	GEO_Eqn_6.12b_nls08	12791	1.0	-638.0	-1.0	-341.0	1.0	1930.0
B366	26	GEO_Eqn_6.12b_nls08	12791	-70.0	209.0	-0.2	-344.0	0.0	1922.0
B366	26	GEO_Eqn_6.12b_nls08	13141	-70.0	224.0	-0.2	-344.0	0.0	1846.0
B366	26	GEO_Eqn_6.12b_nls08	13141	70.0	1051.0	0.2	-343.0	0.0	1783.0
B366	26	GEO_Eqn_6.12b_nls08	13491	70.0	1066.0	0.2	-343.0	0.0	1413.0
B366	26	GEO_Eqn_6.12b_nls08	13491	0.0	-99.0	0.0	130.0	0.0	1334.0
B366	26	GEO_Eqn_6.12b_nls08	13941	0.0	-79.0	0.0	130.0	0.0	1374.0
B366	26	GEO_Eqn_6.12b_nls08	13941	-54.0	186.0	-0.2	130.0	0.0	1362.0
B366	26	GEO_Eqn_6.12b_nls08	14391	-54.0	205.0	-0.2	130.0	0.0	1274.0
B366	26	GEO_Eqn_6.12b_nls08	14391	54.0	252.0	0.2	130.0	0.0	1255.0
B366	26	GEO_Eqn_6.12b_nls08	14841	54.0	271.0	0.2	130.0	0.0	1137.0
B366	26	GEO_Eqn_6.12b_nls08	14841	0.0	139.0	0.0	126.0	0.0	1128.0
B366	26	GEO_Eqn_6.12b_nls08	15191	0.0	154.0	0.0	126.0	0.0	1076.0
B366	26	GEO_Eqn_6.12b_nls08	15191	-0.4	16.0	-0.2	115.0	-0.1	1077.0
B366	26	GEO_Eqn_6.12b_nls08	15656	-0.4	36.0	-0.2	115.0	0.0	1065.0
B366	26	GEO_Eqn_6.12b_nls08	16121	-0.4	56.0	-0.2	115.0	0.1	1044.0
B366	26	GEO_Eqn_6.12b_nls08	16121	0.4	88.0	0.1	96.0	0.0	1045.0
B366	26	GEO_Eqn_6.12b_nls08	16586	0.4	108.0	0.1	96.0	0.0	999.0
B366	26	GEO_Eqn_6.12b_nls08	17051	0.4	128.0	0.1	96.0	-0.1	944.0
B366	26	GEO_Eqn_6.12b_nls08	17051	-33.0	292.0	-0.1	82.0	0.0	936.0
B366	26	GEO_Eqn_6.12b_nls08	17441	-33.0	308.0	-0.1	82.0	0.0	819.0
B366	26	GEO_Eqn_6.12b_nls08	17441	33.0	433.0	0.1	82.0	0.0	791.0
B366	26	GEO_Eqn_6.12b_nls08	17831	33.0	450.0	0.1	82.0	0.0	619.0
B366	26	GEO_Eqn_6.12b_nls08	17831	-57.0	551.0	-0.1	76.0	0.0	597.0
B366	26	GEO_Eqn_6.12b_nls08	18096	-57.0	562.0	-0.1	76.0	0.0	450.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls08	18361	-57.0	573.0	-0.1	76.0	0.0	299.0
B366	26	GEO_Eqn_6.12b_nls08	18361	57.0	632.0	0.2	77.0	0.0	267.0
B366	26	GEO_Eqn_6.12b_nls08	18626	57.0	643.0	0.2	77.0	0.0	98.0
B366	26	GEO_Eqn_6.12b_nls08	18891	57.0	654.0	0.2	77.0	0.0	-74.0
B366	26	GEO_Eqn_6.12b_nls08	18891	-198.0	-141.0	-3.0	-7.0	-2.0	-87.0
B366	26	GEO_Eqn_6.12b_nls08	19172.25	-198.0	-129.0	-3.0	-7.0	-1.0	-49.0
B366	26	GEO_Eqn_6.12b_nls08	19453.5	-198.0	-117.0	-3.0	-7.0	-1.0	-15.0
B366	26	GEO_Eqn_6.12b_nls08	19453.5	-73.0	-68.0	-2.0	-6.0	1.0	-17.0
B366	26	GEO_Eqn_6.12b_nls08	19734.75	-73.0	-56.0	-2.0	-6.0	1.0	0.1
B366	26	GEO_Eqn_6.12b_nls08	20016	-73.0	-44.0	-2.0	-6.0	2.0	14.0
B366	26	GEO_Eqn_6.12b_nls08	20016	72.0	2.0	2.0	-17.0	2.0	8.0
B366	26	GEO_Eqn_6.12b_nls08	20297.25	72.0	14.0	2.0	-17.0	2.0	5.0
B366	26	GEO_Eqn_6.12b_nls08	20578.5	72.0	26.0	2.0	-17.0	1.0	-0.1
B366	26	GEO_Eqn_6.12b_nls08	20578.5	199.0	49.0	3.0	-16.0	-1.0	-8.0
B366	26	GEO_Eqn_6.12b_nls08	20859.75	199.0	61.0	3.0	-16.0	-1.0	-24.0
B366	26	GEO_Eqn_6.12b_nls08	21141	199.0	73.0	3.0	-16.0	-2.0	-42.0
B366	26	GEO_Eqn_6.12b_nls08	21141	-48.0	123.0	-0.1	-35.0	0.0	-52.0
B366	26	GEO_Eqn_6.12b_nls08	21591	-48.0	143.0	-0.1	-35.0	0.0	-112.0
B366	26	GEO_Eqn_6.12b_nls08	21591	48.0	161.0	0.1	-35.0	0.0	-126.0
B366	26	GEO_Eqn_6.12b_nls08	22041	48.0	180.0	0.1	-35.0	0.0	-203.0
B366	26	GEO_Eqn_6.12b_nls08	22041	-194.0	245.0	-1.0	-54.0	-1.0	-214.0
B366	26	GEO_Eqn_6.12b_nls08	22322.25	-194.0	257.0	-1.0	-54.0	-1.0	-285.0
B366	26	GEO_Eqn_6.12b_nls08	22603.5	-194.0	269.0	-1.0	-54.0	-0.3	-359.0
B366	26	GEO_Eqn_6.12b_nls08	22603.5	-75.0	292.0	-1.0	-53.0	0.4	-377.0
B366	26	GEO_Eqn_6.12b_nls08	22884.75	-75.0	304.0	-1.0	-53.0	1.0	-461.0
B366	26	GEO_Eqn_6.12b_nls08	23166	-75.0	316.0	-1.0	-53.0	1.0	-548.0
B366	26	GEO_Eqn_6.12b_nls08	23166	71.0	340.0	1.0	-64.0	1.0	-564.0
B366	26	GEO_Eqn_6.12b_nls08	23447.25	71.0	352.0	1.0	-64.0	1.0	-661.0
B366	26	GEO_Eqn_6.12b_nls08	23728.5	71.0	364.0	1.0	-64.0	0.4	-762.0
B366	26	GEO_Eqn_6.12b_nls08	23728.5	198.0	294.0	1.0	-64.0	-0.3	-783.0
B366	26	GEO_Eqn_6.12b_nls08	24009.75	198.0	306.0	1.0	-64.0	-1.0	-867.0
B366	26	GEO_Eqn_6.12b_nls08	24291	198.0	318.0	1.0	-64.0	-1.0	-955.0
B366	26	GEO_Eqn_6.12b_nls09	0	-8.0	-177.0	-18.0	-679.0	-5.0	342.0
B366	26	GEO_Eqn_6.12b_nls09	262.5	-8.0	-166.0	-18.0	-679.0	-0.1	387.0
B366	26	GEO_Eqn_6.12b_nls09	525	-8.0	-155.0	-18.0	-679.0	5.0	429.0
B366	26	GEO_Eqn_6.12b_nls09	525	8.0	-47.0	19.0	-624.0	5.0	432.0
B366	26	GEO_Eqn_6.12b_nls09	787.5	8.0	-35.0	19.0	-624.0	0.1	443.0
B366	26	GEO_Eqn_6.12b_nls09	1050	8.0	-24.0	19.0	-624.0	-5.0	451.0
B366	26	GEO_Eqn_6.12b_nls09	1050	0.0	21.0	0.0	-547.0	0.0	451.0
B366	26	GEO_Eqn_6.12b_nls09	1500	0.0	40.0	0.0	-547.0	0.0	437.0
B366	26	GEO_Eqn_6.12b_nls09	1950	0.0	60.0	0.0	-547.0	0.0	415.0
B366	26	GEO_Eqn_6.12b_nls09	1950	-2.0	122.0	-6.0	-498.0	-1.0	411.0
B366	26	GEO_Eqn_6.12b_nls09	2320.5	-2.0	137.0	-6.0	-498.0	1.0	363.0
B366	26	GEO_Eqn_6.12b_nls09	2320.5	2.0	237.0	6.0	-468.0	1.0	351.0
B366	26	GEO_Eqn_6.12b_nls09	2691	2.0	252.0	6.0	-468.0	-1.0	260.0
B366	26	GEO_Eqn_6.12b_nls09	2691	5.0	-252.0	-2.0	-884.0	-0.4	337.0
B366	26	GEO_Eqn_6.12b_nls09	3041	5.0	-237.0	-2.0	-884.0	0.3	422.0
B366	26	GEO_Eqn_6.12b_nls09	3041	-5.0	-111.0	2.0	-864.0	0.4	436.0
B366	26	GEO_Eqn_6.12b_nls09	3391	-5.0	-96.0	2.0	-864.0	-0.3	472.0
B366	26	GEO_Eqn_6.12b_nls09	3391	-4.0	25.0	-4.0	-853.0	-5.0	476.0
B366	26	GEO_Eqn_6.12b_nls09	3782.67	-4.0	42.0	-4.0	-853.0	-4.0	463.0
B366	26	GEO_Eqn_6.12b_nls09	4174.33	-4.0	58.0	-4.0	-853.0	-2.0	444.0
B366	26	GEO_Eqn_6.12b_nls09	4566	-4.0	75.0	-4.0	-853.0	-0.3	418.0
B366	26	GEO_Eqn_6.12b_nls09	4566	-2.0	121.0	-3.0	-889.0	-0.4	418.0
B366	26	GEO_Eqn_6.12b_nls09	4957.67	-2.0	138.0	-3.0	-889.0	1.0	367.0
B366	26	GEO_Eqn_6.12b_nls09	5349.33	-2.0	155.0	-3.0	-889.0	2.0	310.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls09	5741	-2.0	171.0	-3.0	-889.0	3.0	246.0
B366	26	GEO_Eqn_6.12b_nls09	5741	0.4	213.0	-3.0	-918.0	3.0	245.0
B366	26	GEO_Eqn_6.12b_nls09	6132.67	0.4	229.0	-3.0	-918.0	4.0	159.0
B366	26	GEO_Eqn_6.12b_nls09	6524.33	0.4	246.0	-3.0	-918.0	5.0	66.0
B366	26	GEO_Eqn_6.12b_nls09	6916	0.4	263.0	-3.0	-918.0	6.0	-34.0
B366	26	GEO_Eqn_6.12b_nls09	6916	6.0	278.0	15.0	-929.0	6.0	-35.0
B366	26	GEO_Eqn_6.12b_nls09	7307.67	6.0	294.0	15.0	-929.0	-0.2	-147.0
B366	26	GEO_Eqn_6.12b_nls09	7699.33	6.0	311.0	15.0	-929.0	-6.0	-265.0
B366	26	GEO_Eqn_6.12b_nls09	8091	6.0	328.0	15.0	-929.0	-12.0	-390.0
B366	26	GEO_Eqn_6.12b_nls09	8091	9.0	-104.0	-15.0	-79.0	-12.0	-386.0
B366	26	GEO_Eqn_6.12b_nls09	8482.67	9.0	-88.0	-15.0	-79.0	-6.0	-348.0
B366	26	GEO_Eqn_6.12b_nls09	8874.33	9.0	-71.0	-15.0	-79.0	-0.3	-317.0
B366	26	GEO_Eqn_6.12b_nls09	9266	9.0	-54.0	-15.0	-79.0	6.0	-293.0
B366	26	GEO_Eqn_6.12b_nls09	9266	1.0	-34.0	3.0	-89.0	6.0	-293.0
B366	26	GEO_Eqn_6.12b_nls09	9657.67	1.0	-18.0	3.0	-89.0	5.0	-282.0
B366	26	GEO_Eqn_6.12b_nls09	10049.33	1.0	-1.0	3.0	-89.0	4.0	-279.0
B366	26	GEO_Eqn_6.12b_nls09	10441	1.0	16.0	3.0	-89.0	3.0	-282.0
B366	26	GEO_Eqn_6.12b_nls09	10441	-3.0	55.0	3.0	-111.0	3.0	-282.0
B366	26	GEO_Eqn_6.12b_nls09	10832.67	-3.0	72.0	3.0	-111.0	2.0	-307.0
B366	26	GEO_Eqn_6.12b_nls09	11224.33	-3.0	89.0	3.0	-111.0	1.0	-339.0
B366	26	GEO_Eqn_6.12b_nls09	11616	-3.0	105.0	3.0	-111.0	-0.5	-377.0
B366	26	GEO_Eqn_6.12b_nls09	11616	-7.0	141.0	5.0	-131.0	-0.3	-378.0
B366	26	GEO_Eqn_6.12b_nls09	12007.67	-7.0	158.0	5.0	-131.0	-2.0	-437.0
B366	26	GEO_Eqn_6.12b_nls09	12399.33	-7.0	174.0	5.0	-131.0	-4.0	-502.0
B366	26	GEO_Eqn_6.12b_nls09	12791	-7.0	191.0	5.0	-131.0	-6.0	-573.0
B366	26	GEO_Eqn_6.12b_nls09	12791	-14.0	351.0	-1.0	-131.0	-0.1	-580.0
B366	26	GEO_Eqn_6.12b_nls09	13141	-14.0	366.0	-1.0	-131.0	0.1	-705.0
B366	26	GEO_Eqn_6.12b_nls09	13141	14.0	667.0	1.0	-128.0	0.1	-748.0
B366	26	GEO_Eqn_6.12b_nls09	13491	14.0	682.0	1.0	-128.0	-0.1	-984.0
B366	26	GEO_Eqn_6.12b_nls09	13491	0.0	-893.0	0.0	-152.0	0.0	-1013.0
B366	26	GEO_Eqn_6.12b_nls09	13941	0.0	-873.0	0.0	-152.0	0.0	-616.0
B366	26	GEO_Eqn_6.12b_nls09	13941	-26.0	-572.0	-0.4	-150.0	-0.1	-604.0
B366	26	GEO_Eqn_6.12b_nls09	14391	-26.0	-553.0	-0.4	-150.0	0.1	-351.0
B366	26	GEO_Eqn_6.12b_nls09	14391	26.0	-379.0	0.4	-149.0	0.1	-332.0
B366	26	GEO_Eqn_6.12b_nls09	14841	26.0	-360.0	0.4	-149.0	-0.1	-166.0
B366	26	GEO_Eqn_6.12b_nls09	14841	0.0	-279.0	0.0	-151.0	0.0	-161.0
B366	26	GEO_Eqn_6.12b_nls09	15191	0.0	-264.0	0.0	-151.0	0.0	-66.0
B366	26	GEO_Eqn_6.12b_nls09	15191	-1.0	-259.0	-1.0	-161.0	-1.0	-64.0
B366	26	GEO_Eqn_6.12b_nls09	15656	-1.0	-239.0	-1.0	-161.0	0.0	52.0
B366	26	GEO_Eqn_6.12b_nls09	16121	-1.0	-219.0	-1.0	-161.0	1.0	159.0
B366	26	GEO_Eqn_6.12b_nls09	16121	1.0	-187.0	1.0	-181.0	0.5	160.0
B366	26	GEO_Eqn_6.12b_nls09	16586	1.0	-167.0	1.0	-181.0	0.0	242.0
B366	26	GEO_Eqn_6.12b_nls09	17051	1.0	-147.0	1.0	-181.0	-1.0	315.0
B366	26	GEO_Eqn_6.12b_nls09	17051	-26.0	56.0	-0.4	-192.0	-0.1	314.0
B366	26	GEO_Eqn_6.12b_nls09	17441	-26.0	72.0	-0.4	-192.0	0.1	289.0
B366	26	GEO_Eqn_6.12b_nls09	17441	26.0	269.0	0.4	-191.0	0.1	275.0
B366	26	GEO_Eqn_6.12b_nls09	17831	26.0	286.0	0.4	-191.0	-0.1	167.0
B366	26	GEO_Eqn_6.12b_nls09	17831	-43.0	528.0	-2.0	-190.0	-0.5	150.0
B366	26	GEO_Eqn_6.12b_nls09	18096	-43.0	539.0	-2.0	-190.0	0.0	9.0
B366	26	GEO_Eqn_6.12b_nls09	18361	-43.0	551.0	-2.0	-190.0	0.4	-136.0
B366	26	GEO_Eqn_6.12b_nls09	18361	43.0	825.0	2.0	-187.0	1.0	-170.0
B366	26	GEO_Eqn_6.12b_nls09	18626	43.0	836.0	2.0	-187.0	0.0	-390.0
B366	26	GEO_Eqn_6.12b_nls09	18891	43.0	848.0	2.0	-187.0	-0.4	-613.0
B366	26	GEO_Eqn_6.12b_nls09	18891	-172.0	-967.0	-8.0	187.0	-6.0	-660.0
B366	26	GEO_Eqn_6.12b_nls09	19172.25	-172.0	-955.0	-8.0	187.0	-4.0	-390.0
B366	26	GEO_Eqn_6.12b_nls09	19453.5	-172.0	-943.0	-8.0	187.0	-1.0	-123.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls09	19453.5	-63.0	-709.0	-5.0	189.0	3.0	-93.0
B366	26	GEO_Eqn_6.12b_nls09	19734.75	-63.0	-697.0	-5.0	189.0	4.0	104.0
B366	26	GEO_Eqn_6.12b_nls09	20016	-63.0	-685.0	-5.0	189.0	5.0	298.0
B366	26	GEO_Eqn_6.12b_nls09	20016	65.0	-533.0	6.0	188.0	5.0	308.0
B366	26	GEO_Eqn_6.12b_nls09	20297.25	65.0	-521.0	6.0	188.0	4.0	456.0
B366	26	GEO_Eqn_6.12b_nls09	20578.5	65.0	-509.0	6.0	188.0	2.0	601.0
B366	26	GEO_Eqn_6.12b_nls09	20578.5	169.0	-433.0	7.0	190.0	-2.0	616.0
B366	26	GEO_Eqn_6.12b_nls09	20859.75	169.0	-421.0	7.0	190.0	-4.0	736.0
B366	26	GEO_Eqn_6.12b_nls09	21141	169.0	-409.0	7.0	190.0	-6.0	852.0
B366	26	GEO_Eqn_6.12b_nls09	21141	-28.0	-323.0	-0.2	177.0	0.0	859.0
B366	26	GEO_Eqn_6.12b_nls09	21591	-28.0	-303.0	-0.2	177.0	0.0	1000.0
B366	26	GEO_Eqn_6.12b_nls09	21591	28.0	-273.0	0.2	179.0	0.0	1013.0
B366	26	GEO_Eqn_6.12b_nls09	22041	28.0	-254.0	0.2	179.0	0.0	1131.0
B366	26	GEO_Eqn_6.12b_nls09	22041	-20.0	-168.0	-11.0	167.0	-10.0	1137.0
B366	26	GEO_Eqn_6.12b_nls09	22322.25	-20.0	-156.0	-11.0	167.0	-7.0	1183.0
B366	26	GEO_Eqn_6.12b_nls09	22603.5	-20.0	-144.0	-11.0	167.0	-4.0	1225.0
B366	26	GEO_Eqn_6.12b_nls09	22603.5	4.0	-13.0	-10.0	169.0	4.0	1228.0
B366	26	GEO_Eqn_6.12b_nls09	22884.75	4.0	-1.0	-10.0	169.0	6.0	1230.0
B366	26	GEO_Eqn_6.12b_nls09	23166	4.0	11.0	-10.0	169.0	9.0	1228.0
B366	26	GEO_Eqn_6.12b_nls09	23166	12.0	312.0	9.0	170.0	10.0	1228.0
B366	26	GEO_Eqn_6.12b_nls09	23447.25	12.0	324.0	9.0	170.0	7.0	1138.0
B366	26	GEO_Eqn_6.12b_nls09	23728.5	12.0	336.0	9.0	170.0	5.0	1045.0
B366	26	GEO_Eqn_6.12b_nls09	23728.5	3.0	922.0	15.0	175.0	-2.0	1021.0
B366	26	GEO_Eqn_6.12b_nls09	24009.75	3.0	934.0	15.0	175.0	-7.0	760.0
B366	26	GEO_Eqn_6.12b_nls09	24291	3.0	946.0	15.0	175.0	-11.0	496.0
B366	26	GEO_Eqn_6.12b_nls10	0	-18.0	7.0	-18.0	-668.0	-5.0	331.0
B366	26	GEO_Eqn_6.12b_nls10	262.5	-18.0	18.0	-18.0	-668.0	-0.1	327.0
B366	26	GEO_Eqn_6.12b_nls10	525	-18.0	30.0	-18.0	-668.0	5.0	321.0
B366	26	GEO_Eqn_6.12b_nls10	525	18.0	250.0	18.0	-614.0	5.0	311.0
B366	26	GEO_Eqn_6.12b_nls10	787.5	18.0	261.0	18.0	-614.0	0.1	244.0
B366	26	GEO_Eqn_6.12b_nls10	1050	18.0	272.0	18.0	-614.0	-5.0	174.0
B366	26	GEO_Eqn_6.12b_nls10	1050	0.0	316.0	0.0	-539.0	0.0	168.0
B366	26	GEO_Eqn_6.12b_nls10	1500	0.0	335.0	0.0	-539.0	0.0	21.0
B366	26	GEO_Eqn_6.12b_nls10	1950	0.0	354.0	0.0	-539.0	0.0	-134.0
B366	26	GEO_Eqn_6.12b_nls10	1950	-7.0	449.0	-6.0	-490.0	-1.0	-144.0
B366	26	GEO_Eqn_6.12b_nls10	2320.5	-7.0	465.0	-6.0	-490.0	1.0	-313.0
B366	26	GEO_Eqn_6.12b_nls10	2320.5	7.0	619.0	6.0	-460.0	1.0	-351.0
B366	26	GEO_Eqn_6.12b_nls10	2691	7.0	635.0	6.0	-460.0	-1.0	-584.0
B366	26	GEO_Eqn_6.12b_nls10	2691	-12.0	-7.0	-2.0	-880.0	-0.4	-522.0
B366	26	GEO_Eqn_6.12b_nls10	3041	-12.0	8.0	-2.0	-880.0	0.3	-523.0
B366	26	GEO_Eqn_6.12b_nls10	3041	12.0	-61.0	2.0	-861.0	0.4	-523.0
B366	26	GEO_Eqn_6.12b_nls10	3391	12.0	-46.0	2.0	-861.0	-0.3	-504.0
B366	26	GEO_Eqn_6.12b_nls10	3391	-4.0	-162.0	-3.0	-850.0	-4.0	-504.0
B366	26	GEO_Eqn_6.12b_nls10	3782.67	-4.0	-146.0	-3.0	-850.0	-3.0	-443.0
B366	26	GEO_Eqn_6.12b_nls10	4174.33	-4.0	-129.0	-3.0	-850.0	-2.0	-389.0
B366	26	GEO_Eqn_6.12b_nls10	4566	-4.0	-113.0	-3.0	-850.0	-0.3	-342.0
B366	26	GEO_Eqn_6.12b_nls10	4566	-2.0	-66.0	-2.0	-887.0	-0.4	-342.0
B366	26	GEO_Eqn_6.12b_nls10	4957.67	-2.0	-49.0	-2.0	-887.0	1.0	-319.0
B366	26	GEO_Eqn_6.12b_nls10	5349.33	-2.0	-33.0	-2.0	-887.0	1.0	-303.0
B366	26	GEO_Eqn_6.12b_nls10	5741	-2.0	-16.0	-2.0	-887.0	2.0	-294.0
B366	26	GEO_Eqn_6.12b_nls10	5741	0.1	26.0	-2.0	-917.0	2.0	-294.0
B366	26	GEO_Eqn_6.12b_nls10	6132.67	0.1	43.0	-2.0	-917.0	3.0	-307.0
B366	26	GEO_Eqn_6.12b_nls10	6524.33	0.1	60.0	-2.0	-917.0	4.0	-327.0
B366	26	GEO_Eqn_6.12b_nls10	6916	0.1	76.0	-2.0	-917.0	5.0	-354.0
B366	26	GEO_Eqn_6.12b_nls10	6916	7.0	93.0	12.0	-929.0	5.0	-354.0
B366	26	GEO_Eqn_6.12b_nls10	7307.67	7.0	110.0	12.0	-929.0	-0.1	-394.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls10	7699.33	7.0	126.0	12.0	-929.0	-5.0	-440.0
B366	26	GEO_Eqn_6.12b_nls10	8091	7.0	143.0	12.0	-929.0	-10.0	-493.0
B366	26	GEO_Eqn_6.12b_nls10	8091	6.0	-408.0	-12.0	-180.0	-9.0	-762.0
B366	26	GEO_Eqn_6.12b_nls10	8482.67	6.0	-392.0	-12.0	-180.0	-5.0	-605.0
B366	26	GEO_Eqn_6.12b_nls10	8874.33	6.0	-375.0	-12.0	-180.0	-0.1	-455.0
B366	26	GEO_Eqn_6.12b_nls10	9266	6.0	-358.0	-12.0	-180.0	4.0	-312.0
B366	26	GEO_Eqn_6.12b_nls10	9266	0.1	-339.0	2.0	-190.0	5.0	-311.0
B366	26	GEO_Eqn_6.12b_nls10	9657.67	0.1	-323.0	2.0	-190.0	4.0	-182.0
B366	26	GEO_Eqn_6.12b_nls10	10049.33	0.1	-306.0	2.0	-190.0	3.0	-58.0
B366	26	GEO_Eqn_6.12b_nls10	10441	0.1	-289.0	2.0	-190.0	2.0	58.0
B366	26	GEO_Eqn_6.12b_nls10	10441	-2.0	-250.0	2.0	-212.0	2.0	58.0
B366	26	GEO_Eqn_6.12b_nls10	10832.67	-2.0	-234.0	2.0	-212.0	1.0	153.0
B366	26	GEO_Eqn_6.12b_nls10	11224.33	-2.0	-217.0	2.0	-212.0	0.5	241.0
B366	26	GEO_Eqn_6.12b_nls10	11616	-2.0	-200.0	2.0	-212.0	-0.4	322.0
B366	26	GEO_Eqn_6.12b_nls10	11616	-4.0	-165.0	3.0	-231.0	-0.3	321.0
B366	26	GEO_Eqn_6.12b_nls10	12007.67	-4.0	-148.0	3.0	-231.0	-2.0	383.0
B366	26	GEO_Eqn_6.12b_nls10	12399.33	-4.0	-132.0	3.0	-231.0	-3.0	438.0
B366	26	GEO_Eqn_6.12b_nls10	12791	-4.0	-115.0	3.0	-231.0	-4.0	486.0
B366	26	GEO_Eqn_6.12b_nls10	12791	-52.0	453.0	-1.0	-230.0	-0.1	475.0
B366	26	GEO_Eqn_6.12b_nls10	13141	-52.0	468.0	-1.0	-230.0	0.1	313.0
B366	26	GEO_Eqn_6.12b_nls10	13141	52.0	1143.0	1.0	-228.0	0.1	241.0
B366	26	GEO_Eqn_6.12b_nls10	13491	52.0	1157.0	1.0	-228.0	-0.1	-161.0
B366	26	GEO_Eqn_6.12b_nls10	13491	0.0	-645.0	0.0	-83.0	0.0	-228.0
B366	26	GEO_Eqn_6.12b_nls10	13941	0.0	-626.0	0.0	-83.0	0.0	58.0
B366	26	GEO_Eqn_6.12b_nls10	13941	-61.0	-278.0	-0.4	-81.0	-0.1	57.0
B366	26	GEO_Eqn_6.12b_nls10	14391	-61.0	-259.0	-0.4	-81.0	0.1	178.0
B366	26	GEO_Eqn_6.12b_nls10	14391	61.0	-133.0	0.4	-79.0	0.1	179.0
B366	26	GEO_Eqn_6.12b_nls10	14841	61.0	-114.0	0.4	-79.0	-0.1	235.0
B366	26	GEO_Eqn_6.12b_nls10	14841	0.0	-194.0	0.0	-82.0	0.0	232.0
B366	26	GEO_Eqn_6.12b_nls10	15191	0.0	-179.0	0.0	-82.0	0.0	297.0
B366	26	GEO_Eqn_6.12b_nls10	15191	-1.0	-320.0	-1.0	-92.0	-1.0	299.0
B366	26	GEO_Eqn_6.12b_nls10	15656	-1.0	-300.0	-1.0	-92.0	0.1	443.0
B366	26	GEO_Eqn_6.12b_nls10	16121	-1.0	-280.0	-1.0	-92.0	1.0	578.0
B366	26	GEO_Eqn_6.12b_nls10	16121	1.0	-248.0	1.0	-111.0	1.0	580.0
B366	26	GEO_Eqn_6.12b_nls10	16586	1.0	-228.0	1.0	-111.0	-0.1	690.0
B366	26	GEO_Eqn_6.12b_nls10	17051	1.0	-208.0	1.0	-111.0	-1.0	792.0
B366	26	GEO_Eqn_6.12b_nls10	17051	-54.0	119.0	-0.3	-123.0	-0.1	788.0
B366	26	GEO_Eqn_6.12b_nls10	17441	-54.0	136.0	-0.3	-123.0	0.1	738.0
B366	26	GEO_Eqn_6.12b_nls10	17441	54.0	422.0	0.3	-122.0	0.1	713.0
B366	26	GEO_Eqn_6.12b_nls10	17831	54.0	439.0	0.3	-122.0	-0.1	545.0
B366	26	GEO_Eqn_6.12b_nls10	17831	-95.0	711.0	-1.0	-122.0	-0.4	518.0
B366	26	GEO_Eqn_6.12b_nls10	18096	-95.0	723.0	-1.0	-122.0	0.0	327.0
B366	26	GEO_Eqn_6.12b_nls10	18361	-95.0	734.0	-1.0	-122.0	0.3	134.0
B366	26	GEO_Eqn_6.12b_nls10	18361	95.0	996.0	1.0	-119.0	0.4	87.0
B366	26	GEO_Eqn_6.12b_nls10	18626	95.0	1008.0	1.0	-119.0	0.0	-179.0
B366	26	GEO_Eqn_6.12b_nls10	18891	95.0	1019.0	1.0	-119.0	-0.3	-447.0
B366	26	GEO_Eqn_6.12b_nls10	18891	-340.0	-821.0	-9.0	162.0	-7.0	-518.0
B366	26	GEO_Eqn_6.12b_nls10	19172.25	-340.0	-809.0	-9.0	162.0	-4.0	-289.0
B366	26	GEO_Eqn_6.12b_nls10	19453.5	-340.0	-797.0	-9.0	162.0	-2.0	-63.0
B366	26	GEO_Eqn_6.12b_nls10	19453.5	-124.0	-584.0	-5.0	165.0	3.0	-45.0
B366	26	GEO_Eqn_6.12b_nls10	19734.75	-124.0	-572.0	-5.0	165.0	4.0	118.0
B366	26	GEO_Eqn_6.12b_nls10	20016	-124.0	-560.0	-5.0	165.0	5.0	277.0
B366	26	GEO_Eqn_6.12b_nls10	20016	127.0	-418.0	6.0	162.0	6.0	278.0
B366	26	GEO_Eqn_6.12b_nls10	20297.25	127.0	-406.0	6.0	162.0	4.0	394.0
B366	26	GEO_Eqn_6.12b_nls10	20578.5	127.0	-394.0	6.0	162.0	2.0	506.0
B366	26	GEO_Eqn_6.12b_nls10	20578.5	336.0	-316.0	7.0	164.0	-2.0	511.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls10	20859.75	336.0	-304.0	7.0	164.0	-4.0	598.0
B366	26	GEO_Eqn_6.12b_nls10	21141	336.0	-292.0	7.0	164.0	-6.0	682.0
B366	26	GEO_Eqn_6.12b_nls10	21141	-70.0	-201.0	-0.2	151.0	0.0	680.0
B366	26	GEO_Eqn_6.12b_nls10	21591	-70.0	-182.0	-0.2	151.0	0.0	766.0
B366	26	GEO_Eqn_6.12b_nls10	21591	70.0	-143.0	0.2	153.0	0.0	767.0
B366	26	GEO_Eqn_6.12b_nls10	22041	70.0	-124.0	0.2	153.0	0.0	828.0
B366	26	GEO_Eqn_6.12b_nls10	22041	-201.0	-27.0	-12.0	140.0	-11.0	824.0
B366	26	GEO_Eqn_6.12b_nls10	22322.25	-201.0	-15.0	-12.0	140.0	-8.0	830.0
B366	26	GEO_Eqn_6.12b_nls10	22603.5	-201.0	-3.0	-12.0	140.0	-4.0	832.0
B366	26	GEO_Eqn_6.12b_nls10	22603.5	-66.0	120.0	-11.0	142.0	4.0	823.0
B366	26	GEO_Eqn_6.12b_nls10	22884.75	-66.0	132.0	-11.0	142.0	7.0	788.0
B366	26	GEO_Eqn_6.12b_nls10	23166	-66.0	144.0	-11.0	142.0	10.0	749.0
B366	26	GEO_Eqn_6.12b_nls10	23166	80.0	401.0	10.0	142.0	11.0	738.0
B366	26	GEO_Eqn_6.12b_nls10	23447.25	80.0	413.0	10.0	142.0	8.0	624.0
B366	26	GEO_Eqn_6.12b_nls10	23728.5	80.0	425.0	10.0	142.0	5.0	506.0
B366	26	GEO_Eqn_6.12b_nls10	23728.5	188.0	874.0	16.0	147.0	-3.0	474.0
B366	26	GEO_Eqn_6.12b_nls10	24009.75	188.0	886.0	16.0	147.0	-7.0	227.0
B366	26	GEO_Eqn_6.12b_nls10	24291	188.0	898.0	16.0	147.0	-12.0	-24.0
B366	26	GEO_Eqn_6.12b_nls11	0	4.0	-384.0	-14.0	-472.0	-4.0	340.0
B366	26	GEO_Eqn_6.12b_nls11	262.5	4.0	-372.0	-14.0	-472.0	0.0	439.0
B366	26	GEO_Eqn_6.12b_nls11	525	4.0	-361.0	-14.0	-472.0	4.0	535.0
B366	26	GEO_Eqn_6.12b_nls11	525	-4.0	-377.0	14.0	-432.0	4.0	553.0
B366	26	GEO_Eqn_6.12b_nls11	787.5	-4.0	-366.0	14.0	-432.0	0.0	651.0
B366	26	GEO_Eqn_6.12b_nls11	1050	-4.0	-355.0	14.0	-432.0	-4.0	746.0
B366	26	GEO_Eqn_6.12b_nls11	1050	0.0	-308.0	0.0	-375.0	0.0	754.0
B366	26	GEO_Eqn_6.12b_nls11	1500	0.0	-288.0	0.0	-375.0	0.0	888.0
B366	26	GEO_Eqn_6.12b_nls11	1950	0.0	-269.0	0.0	-375.0	0.0	1014.0
B366	26	GEO_Eqn_6.12b_nls11	1950	5.0	-253.0	-5.0	-340.0	-1.0	1017.0
B366	26	GEO_Eqn_6.12b_nls11	2320.5	5.0	-238.0	-5.0	-340.0	1.0	1108.0
B366	26	GEO_Eqn_6.12b_nls11	2320.5	-5.0	-218.0	4.0	-317.0	1.0	1125.0
B366	26	GEO_Eqn_6.12b_nls11	2691	-5.0	-202.0	4.0	-317.0	-1.0	1203.0
B366	26	GEO_Eqn_6.12b_nls11	2691	24.0	-406.0	-2.0	-687.0	-0.3	1313.0
B366	26	GEO_Eqn_6.12b_nls11	3041	24.0	-391.0	-2.0	-687.0	0.2	1453.0
B366	26	GEO_Eqn_6.12b_nls11	3041	-24.0	-66.0	2.0	-672.0	0.3	1475.0
B366	26	GEO_Eqn_6.12b_nls11	3391	-24.0	-51.0	2.0	-672.0	-0.3	1495.0
B366	26	GEO_Eqn_6.12b_nls11	3391	-2.0	338.0	-3.0	-667.0	-4.0	1500.0
B366	26	GEO_Eqn_6.12b_nls11	3782.67	-2.0	354.0	-3.0	-667.0	-3.0	1364.0
B366	26	GEO_Eqn_6.12b_nls11	4174.33	-2.0	371.0	-3.0	-667.0	-2.0	1222.0
B366	26	GEO_Eqn_6.12b_nls11	4566	-2.0	388.0	-3.0	-667.0	-1.0	1074.0
B366	26	GEO_Eqn_6.12b_nls11	4566	-1.0	434.0	-2.0	-701.0	-1.0	1074.0
B366	26	GEO_Eqn_6.12b_nls11	4957.67	-1.0	450.0	-2.0	-701.0	0.4	901.0
B366	26	GEO_Eqn_6.12b_nls11	5349.33	-1.0	467.0	-2.0	-701.0	1.0	721.0
B366	26	GEO_Eqn_6.12b_nls11	5741	-1.0	484.0	-2.0	-701.0	2.0	535.0
B366	26	GEO_Eqn_6.12b_nls11	5741	-0.1	526.0	-2.0	-730.0	2.0	534.0
B366	26	GEO_Eqn_6.12b_nls11	6132.67	-0.1	542.0	-2.0	-730.0	3.0	325.0
B366	26	GEO_Eqn_6.12b_nls11	6524.33	-0.1	559.0	-2.0	-730.0	4.0	109.0
B366	26	GEO_Eqn_6.12b_nls11	6916	-0.1	576.0	-2.0	-730.0	5.0	-113.0
B366	26	GEO_Eqn_6.12b_nls11	6916	3.0	590.0	12.0	-742.0	5.0	-114.0
B366	26	GEO_Eqn_6.12b_nls11	7307.67	3.0	606.0	12.0	-742.0	0.1	-348.0
B366	26	GEO_Eqn_6.12b_nls11	7699.33	3.0	623.0	12.0	-742.0	-5.0	-589.0
B366	26	GEO_Eqn_6.12b_nls11	8091	3.0	640.0	12.0	-742.0	-10.0	-837.0
B366	26	GEO_Eqn_6.12b_nls11	8091	11.0	-71.0	-13.0	-58.0	-11.0	-575.0
B366	26	GEO_Eqn_6.12b_nls11	8482.67	11.0	-54.0	-13.0	-58.0	-6.0	-550.0
B366	26	GEO_Eqn_6.12b_nls11	8874.33	11.0	-37.0	-13.0	-58.0	-0.2	-532.0
B366	26	GEO_Eqn_6.12b_nls11	9266	11.0	-21.0	-13.0	-58.0	5.0	-521.0
B366	26	GEO_Eqn_6.12b_nls11	9266	1.0	1.0	3.0	-70.0	6.0	-521.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls11	9657.67	1.0	17.0	3.0	-70.0	5.0	-525.0
B366	26	GEO_Eqn_6.12b_nls11	10049.33	1.0	34.0	3.0	-70.0	4.0	-535.0
B366	26	GEO_Eqn_6.12b_nls11	10441	1.0	51.0	3.0	-70.0	3.0	-551.0
B366	26	GEO_Eqn_6.12b_nls11	10441	-4.0	92.0	3.0	-94.0	3.0	-552.0
B366	26	GEO_Eqn_6.12b_nls11	10832.67	-4.0	109.0	3.0	-94.0	2.0	-591.0
B366	26	GEO_Eqn_6.12b_nls11	11224.33	-4.0	125.0	3.0	-94.0	1.0	-637.0
B366	26	GEO_Eqn_6.12b_nls11	11616	-4.0	142.0	3.0	-94.0	-1.0	-690.0
B366	26	GEO_Eqn_6.12b_nls11	11616	-8.0	178.0	4.0	-115.0	-0.4	-691.0
B366	26	GEO_Eqn_6.12b_nls11	12007.67	-8.0	195.0	4.0	-115.0	-2.0	-764.0
B366	26	GEO_Eqn_6.12b_nls11	12399.33	-8.0	212.0	4.0	-115.0	-3.0	-844.0
B366	26	GEO_Eqn_6.12b_nls11	12791	-8.0	228.0	4.0	-115.0	-5.0	-930.0
B366	26	GEO_Eqn_6.12b_nls11	12791	35.0	-93.0	-0.3	-118.0	-0.1	-926.0
B366	26	GEO_Eqn_6.12b_nls11	13141	35.0	-78.0	-0.3	-118.0	0.1	-896.0
B366	26	GEO_Eqn_6.12b_nls11	13141	-35.0	-359.0	0.3	-117.0	0.1	-873.0
B366	26	GEO_Eqn_6.12b_nls11	13491	-35.0	-344.0	0.3	-117.0	-0.1	-750.0
B366	26	GEO_Eqn_6.12b_nls11	13491	0.0	-497.0	0.0	-6.0	0.0	-720.0
B366	26	GEO_Eqn_6.12b_nls11	13941	0.0	-478.0	0.0	-6.0	0.0	-501.0
B366	26	GEO_Eqn_6.12b_nls11	13941	36.0	-457.0	-0.3	-7.0	-0.1	-485.0
B366	26	GEO_Eqn_6.12b_nls11	14391	36.0	-438.0	-0.2	-7.0	0.1	-284.0
B366	26	GEO_Eqn_6.12b_nls11	14391	-36.0	-355.0	0.2	-6.0	0.1	-260.0
B366	26	GEO_Eqn_6.12b_nls11	14841	-36.0	-336.0	0.3	-6.0	-0.1	-105.0
B366	26	GEO_Eqn_6.12b_nls11	14841	0.0	-134.0	0.0	-11.0	0.0	-95.0
B366	26	GEO_Eqn_6.12b_nls11	15191	0.0	-119.0	0.0	-11.0	0.0	-51.0
B366	26	GEO_Eqn_6.12b_nls11	15191	0.3	69.0	-0.3	-22.0	-0.1	-48.0
B366	26	GEO_Eqn_6.12b_nls11	15656	0.3	89.0	-0.3	-22.0	0.0	-84.0
B366	26	GEO_Eqn_6.12b_nls11	16121	0.3	109.0	-0.2	-22.0	0.1	-131.0
B366	26	GEO_Eqn_6.12b_nls11	16121	-0.3	142.0	0.3	-42.0	0.2	-130.0
B366	26	GEO_Eqn_6.12b_nls11	16586	-0.3	162.0	0.3	-42.0	0.0	-200.0
B366	26	GEO_Eqn_6.12b_nls11	17051	-0.3	182.0	0.3	-42.0	-0.1	-280.0
B366	26	GEO_Eqn_6.12b_nls11	17051	39.0	13.0	-0.2	-56.0	0.0	-279.0
B366	26	GEO_Eqn_6.12b_nls11	17441	39.0	30.0	-0.2	-56.0	0.0	-287.0
B366	26	GEO_Eqn_6.12b_nls11	17441	-39.0	-118.0	0.2	-55.0	0.0	-279.0
B366	26	GEO_Eqn_6.12b_nls11	17831	-39.0	-101.0	0.2	-55.0	0.0	-236.0
B366	26	GEO_Eqn_6.12b_nls11	17831	76.0	-153.0	-1.0	-60.0	-0.2	-224.0
B366	26	GEO_Eqn_6.12b_nls11	18096	76.0	-142.0	-1.0	-60.0	0.0	-185.0
B366	26	GEO_Eqn_6.12b_nls11	18361	76.0	-131.0	-1.0	-60.0	0.2	-149.0
B366	26	GEO_Eqn_6.12b_nls11	18361	-76.0	-122.0	1.0	-59.0	0.3	-135.0
B366	26	GEO_Eqn_6.12b_nls11	18626	-76.0	-111.0	1.0	-59.0	0.0	-104.0
B366	26	GEO_Eqn_6.12b_nls11	18891	-76.0	-100.0	1.0	-59.0	-0.2	-76.0
B366	26	GEO_Eqn_6.12b_nls11	18891	319.0	-126.0	-3.0	-74.0	-3.0	-9.0
B366	26	GEO_Eqn_6.12b_nls11	19172.25	319.0	-114.0	-3.0	-74.0	-2.0	25.0
B366	26	GEO_Eqn_6.12b_nls11	19453.5	319.0	-102.0	-3.0	-74.0	-1.0	55.0
B366	26	GEO_Eqn_6.12b_nls11	19453.5	120.0	-70.0	-3.0	-73.0	1.0	69.0
B366	26	GEO_Eqn_6.12b_nls11	19734.75	120.0	-58.0	-3.0	-73.0	2.0	87.0
B366	26	GEO_Eqn_6.12b_nls11	20016	120.0	-46.0	-3.0	-73.0	3.0	102.0
B366	26	GEO_Eqn_6.12b_nls11	20016	-120.0	-27.0	3.0	-84.0	3.0	113.0
B366	26	GEO_Eqn_6.12b_nls11	20297.25	-120.0	-15.0	3.0	-84.0	2.0	119.0
B366	26	GEO_Eqn_6.12b_nls11	20578.5	-120.0	-3.0	3.0	-84.0	1.0	121.0
B366	26	GEO_Eqn_6.12b_nls11	20578.5	-319.0	-25.0	3.0	-83.0	-1.0	132.0
B366	26	GEO_Eqn_6.12b_nls11	20859.75	-319.0	-13.0	3.0	-83.0	-2.0	137.0
B366	26	GEO_Eqn_6.12b_nls11	21141	-319.0	-1.0	3.0	-83.0	-3.0	139.0
B366	26	GEO_Eqn_6.12b_nls11	21141	80.0	7.0	-0.1	-103.0	0.0	148.0
B366	26	GEO_Eqn_6.12b_nls11	21591	80.0	26.0	-0.1	-103.0	0.0	141.0
B366	26	GEO_Eqn_6.12b_nls11	21591	-80.0	2.0	0.1	-102.0	0.0	149.0
B366	26	GEO_Eqn_6.12b_nls11	22041	-80.0	21.0	0.1	-102.0	0.0	143.0
B366	26	GEO_Eqn_6.12b_nls11	22041	317.0	32.0	6.0	-122.0	6.0	153.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls11	22322.25	317.0	44.0	6.0	-122.0	4.0	142.0
B366	26	GEO_Eqn_6.12b_nls11	22603.5	317.0	56.0	6.0	-122.0	2.0	128.0
B366	26	GEO_Eqn_6.12b_nls11	22603.5	118.0	41.0	7.0	-122.0	-2.0	137.0
B366	26	GEO_Eqn_6.12b_nls11	22884.75	118.0	53.0	7.0	-122.0	-4.0	123.0
B366	26	GEO_Eqn_6.12b_nls11	23166	118.0	65.0	7.0	-122.0	-6.0	107.0
B366	26	GEO_Eqn_6.12b_nls11	23166	-122.0	82.0	-6.0	-135.0	-6.0	116.0
B366	26	GEO_Eqn_6.12b_nls11	23447.25	-122.0	94.0	-6.0	-135.0	-4.0	91.0
B366	26	GEO_Eqn_6.12b_nls11	23728.5	-122.0	106.0	-6.0	-135.0	-3.0	63.0
B366	26	GEO_Eqn_6.12b_nls11	23728.5	-313.0	145.0	-8.0	-137.0	2.0	68.0
B366	26	GEO_Eqn_6.12b_nls11	24009.75	-313.0	157.0	-8.0	-137.0	4.0	25.0
B366	26	GEO_Eqn_6.12b_nls11	24291	-313.0	169.0	-8.0	-137.0	6.0	-20.0
B366	26	GEO_Eqn_6.12b_nls12	0	-5.0	-199.0	-14.0	-461.0	-4.0	329.0
B366	26	GEO_Eqn_6.12b_nls12	262.5	-5.0	-188.0	-14.0	-461.0	0.0	380.0
B366	26	GEO_Eqn_6.12b_nls12	525	-5.0	-176.0	-14.0	-461.0	4.0	427.0
B366	26	GEO_Eqn_6.12b_nls12	525	5.0	-84.0	14.0	-422.0	4.0	432.0
B366	26	GEO_Eqn_6.12b_nls12	787.5	5.0	-73.0	14.0	-422.0	0.0	453.0
B366	26	GEO_Eqn_6.12b_nls12	1050	5.0	-62.0	14.0	-422.0	-4.0	471.0
B366	26	GEO_Eqn_6.12b_nls12	1050	0.0	-15.0	0.0	-367.0	0.0	472.0
B366	26	GEO_Eqn_6.12b_nls12	1500	0.0	4.0	0.0	-367.0	0.0	475.0
B366	26	GEO_Eqn_6.12b_nls12	1950	0.0	23.0	0.0	-367.0	0.0	469.0
B366	26	GEO_Eqn_6.12b_nls12	1950	-1.0	69.0	-4.0	-333.0	-1.0	466.0
B366	26	GEO_Eqn_6.12b_nls12	2320.5	-1.0	85.0	-4.0	-333.0	1.0	438.0
B366	26	GEO_Eqn_6.12b_nls12	2320.5	1.0	156.0	4.0	-311.0	1.0	430.0
B366	26	GEO_Eqn_6.12b_nls12	2691	1.0	172.0	4.0	-311.0	-1.0	369.0
B366	26	GEO_Eqn_6.12b_nls12	2691	7.0	-149.0	-2.0	-686.0	-0.3	464.0
B366	26	GEO_Eqn_6.12b_nls12	3041	7.0	-134.0	-2.0	-686.0	0.2	514.0
B366	26	GEO_Eqn_6.12b_nls12	3041	-7.0	-1.0	2.0	-672.0	0.3	520.0
B366	26	GEO_Eqn_6.12b_nls12	3391	-7.0	14.0	2.0	-672.0	-0.2	518.0
B366	26	GEO_Eqn_6.12b_nls12	3391	-2.0	174.0	-2.0	-668.0	-2.0	519.0
B366	26	GEO_Eqn_6.12b_nls12	3782.67	-2.0	191.0	-2.0	-668.0	-2.0	448.0
B366	26	GEO_Eqn_6.12b_nls12	4174.33	-2.0	207.0	-2.0	-668.0	-1.0	370.0
B366	26	GEO_Eqn_6.12b_nls12	4566	-2.0	224.0	-2.0	-668.0	-1.0	285.0
B366	26	GEO_Eqn_6.12b_nls12	4566	-1.0	270.0	-2.0	-703.0	-1.0	285.0
B366	26	GEO_Eqn_6.12b_nls12	4957.67	-1.0	287.0	-2.0	-703.0	0.1	176.0
B366	26	GEO_Eqn_6.12b_nls12	5349.33	-1.0	304.0	-2.0	-703.0	1.0	61.0
B366	26	GEO_Eqn_6.12b_nls12	5741	-1.0	320.0	-2.0	-703.0	1.0	-62.0
B366	26	GEO_Eqn_6.12b_nls12	5741	-0.3	363.0	-2.0	-733.0	1.0	-62.0
B366	26	GEO_Eqn_6.12b_nls12	6132.67	-0.3	380.0	-2.0	-733.0	2.0	-208.0
B366	26	GEO_Eqn_6.12b_nls12	6524.33	-0.4	396.0	-2.0	-733.0	3.0	-360.0
B366	26	GEO_Eqn_6.12b_nls12	6916	-0.4	413.0	-2.0	-733.0	4.0	-518.0
B366	26	GEO_Eqn_6.12b_nls12	6916	4.0	429.0	9.0	-746.0	4.0	-519.0
B366	26	GEO_Eqn_6.12b_nls12	7307.67	4.0	446.0	9.0	-746.0	0.1	-691.0
B366	26	GEO_Eqn_6.12b_nls12	7699.33	4.0	463.0	9.0	-746.0	-3.0	-868.0
B366	26	GEO_Eqn_6.12b_nls12	8091	4.0	479.0	9.0	-746.0	-7.0	-1053.0
B366	26	GEO_Eqn_6.12b_nls12	8091	7.0	-426.0	-9.0	-158.0	-7.0	-1077.0
B366	26	GEO_Eqn_6.12b_nls12	8482.67	7.0	-409.0	-9.0	-158.0	-4.0	-913.0
B366	26	GEO_Eqn_6.12b_nls12	8874.33	7.0	-393.0	-9.0	-158.0	0.0	-756.0
B366	26	GEO_Eqn_6.12b_nls12	9266	7.0	-376.0	-9.0	-158.0	4.0	-606.0
B366	26	GEO_Eqn_6.12b_nls12	9266	0.5	-356.0	2.0	-170.0	4.0	-605.0
B366	26	GEO_Eqn_6.12b_nls12	9657.67	0.5	-339.0	2.0	-170.0	3.0	-469.0
B366	26	GEO_Eqn_6.12b_nls12	10049.33	0.5	-322.0	2.0	-170.0	2.0	-340.0
B366	26	GEO_Eqn_6.12b_nls12	10441	0.5	-306.0	2.0	-170.0	2.0	-217.0
B366	26	GEO_Eqn_6.12b_nls12	10441	-3.0	-265.0	2.0	-193.0	2.0	-217.0
B366	26	GEO_Eqn_6.12b_nls12	10832.67	-3.0	-248.0	2.0	-193.0	1.0	-117.0
B366	26	GEO_Eqn_6.12b_nls12	11224.33	-3.0	-231.0	2.0	-193.0	0.1	-23.0
B366	26	GEO_Eqn_6.12b_nls12	11616	-3.0	-215.0	2.0	-193.0	-1.0	64.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls12	11616	-5.0	-179.0	2.0	-213.0	-0.5	63.0
B366	26	GEO_Eqn_6.12b_nls12	12007.67	-5.0	-162.0	2.0	-213.0	-1.0	130.0
B366	26	GEO_Eqn_6.12b_nls12	12399.33	-5.0	-146.0	2.0	-213.0	-2.0	190.0
B366	26	GEO_Eqn_6.12b_nls12	12791	-5.0	-129.0	2.0	-213.0	-3.0	244.0
B366	26	GEO_Eqn_6.12b_nls12	12791	-4.0	-18.0	-0.2	-216.0	0.0	244.0
B366	26	GEO_Eqn_6.12b_nls12	13141	-4.0	-3.0	-0.2	-216.0	0.0	247.0
B366	26	GEO_Eqn_6.12b_nls12	13141	4.0	107.0	0.2	-215.0	0.0	243.0
B366	26	GEO_Eqn_6.12b_nls12	13491	4.0	122.0	0.2	-215.0	0.0	203.0
B366	26	GEO_Eqn_6.12b_nls12	13491	0.0	-246.0	0.0	75.0	0.0	194.0
B366	26	GEO_Eqn_6.12b_nls12	13941	0.0	-227.0	0.0	75.0	0.0	301.0
B366	26	GEO_Eqn_6.12b_nls12	13941	5.0	-151.0	-0.2	74.0	0.0	304.0
B366	26	GEO_Eqn_6.12b_nls12	14391	5.0	-132.0	-0.2	74.0	0.0	368.0
B366	26	GEO_Eqn_6.12b_nls12	14391	-5.0	-87.0	0.2	75.0	0.0	374.0
B366	26	GEO_Eqn_6.12b_nls12	14841	-5.0	-68.0	0.2	75.0	0.0	409.0
B366	26	GEO_Eqn_6.12b_nls12	14841	0.0	-8.0	0.0	70.0	0.0	411.0
B366	26	GEO_Eqn_6.12b_nls12	15191	0.0	6.0	0.0	70.0	0.0	411.0
B366	26	GEO_Eqn_6.12b_nls12	15191	0.0	68.0	-0.3	59.0	-0.1	413.0
B366	26	GEO_Eqn_6.12b_nls12	15656	0.0	88.0	-0.3	59.0	0.0	377.0
B366	26	GEO_Eqn_6.12b_nls12	16121	0.0	108.0	-0.3	59.0	0.1	331.0
B366	26	GEO_Eqn_6.12b_nls12	16121	0.0	141.0	0.3	40.0	0.1	332.0
B366	26	GEO_Eqn_6.12b_nls12	16586	0.0	161.0	0.3	40.0	0.0	262.0
B366	26	GEO_Eqn_6.12b_nls12	17051	0.0	180.0	0.3	40.0	-0.1	183.0
B366	26	GEO_Eqn_6.12b_nls12	17051	15.0	111.0	-0.1	25.0	0.0	181.0
B366	26	GEO_Eqn_6.12b_nls12	17441	15.0	128.0	-0.1	25.0	0.0	134.0
B366	26	GEO_Eqn_6.12b_nls12	17441	-15.0	52.0	0.1	25.0	0.0	130.0
B366	26	GEO_Eqn_6.12b_nls12	17831	-15.0	68.0	0.1	25.0	0.0	107.0
B366	26	GEO_Eqn_6.12b_nls12	17831	31.0	37.0	-0.5	19.0	-0.1	109.0
B366	26	GEO_Eqn_6.12b_nls12	18096	31.0	48.0	-0.5	19.0	0.0	97.0
B366	26	GEO_Eqn_6.12b_nls12	18361	31.0	59.0	-0.5	19.0	0.1	83.0
B366	26	GEO_Eqn_6.12b_nls12	18361	-31.0	47.0	0.5	20.0	0.1	84.0
B366	26	GEO_Eqn_6.12b_nls12	18626	-31.0	59.0	1.0	20.0	0.0	70.0
B366	26	GEO_Eqn_6.12b_nls12	18891	-31.0	70.0	1.0	20.0	-0.1	53.0
B366	26	GEO_Eqn_6.12b_nls12	18891	164.0	13.0	-3.0	-83.0	-3.0	102.0
B366	26	GEO_Eqn_6.12b_nls12	19172.25	164.0	25.0	-3.0	-83.0	-2.0	97.0
B366	26	GEO_Eqn_6.12b_nls12	19453.5	164.0	37.0	-3.0	-83.0	-1.0	89.0
B366	26	GEO_Eqn_6.12b_nls12	19453.5	63.0	44.0	-3.0	-82.0	1.0	92.0
B366	26	GEO_Eqn_6.12b_nls12	19734.75	63.0	56.0	-3.0	-82.0	2.0	78.0
B366	26	GEO_Eqn_6.12b_nls12	20016	63.0	68.0	-3.0	-82.0	2.0	61.0
B366	26	GEO_Eqn_6.12b_nls12	20016	-62.0	76.0	3.0	-94.0	3.0	64.0
B366	26	GEO_Eqn_6.12b_nls12	20297.25	-62.0	88.0	3.0	-94.0	2.0	41.0
B366	26	GEO_Eqn_6.12b_nls12	20578.5	-62.0	100.0	3.0	-94.0	1.0	14.0
B366	26	GEO_Eqn_6.12b_nls12	20578.5	-164.0	81.0	3.0	-93.0	-1.0	16.0
B366	26	GEO_Eqn_6.12b_nls12	20859.75	-164.0	93.0	3.0	-93.0	-2.0	-9.0
B366	26	GEO_Eqn_6.12b_nls12	21141	-164.0	105.0	3.0	-93.0	-3.0	-37.0
B366	26	GEO_Eqn_6.12b_nls12	21141	40.0	118.0	-0.1	-113.0	0.0	-36.0
B366	26	GEO_Eqn_6.12b_nls12	21591	40.0	137.0	-0.1	-113.0	0.0	-93.0
B366	26	GEO_Eqn_6.12b_nls12	21591	-40.0	125.0	0.1	-113.0	0.0	-96.0
B366	26	GEO_Eqn_6.12b_nls12	22041	-40.0	144.0	0.1	-113.0	0.0	-157.0
B366	26	GEO_Eqn_6.12b_nls12	22041	144.0	169.0	5.0	-134.0	5.0	-156.0
B366	26	GEO_Eqn_6.12b_nls12	22322.25	144.0	181.0	5.0	-134.0	3.0	-205.0
B366	26	GEO_Eqn_6.12b_nls12	22603.5	144.0	193.0	5.0	-134.0	2.0	-258.0
B366	26	GEO_Eqn_6.12b_nls12	22603.5	49.0	177.0	5.0	-134.0	-2.0	-261.0
B366	26	GEO_Eqn_6.12b_nls12	22884.75	49.0	189.0	5.0	-134.0	-3.0	-313.0
B366	26	GEO_Eqn_6.12b_nls12	23166	49.0	201.0	5.0	-134.0	-5.0	-367.0
B366	26	GEO_Eqn_6.12b_nls12	23166	-58.0	186.0	-5.0	-148.0	-5.0	-369.0
B366	26	GEO_Eqn_6.12b_nls12	23447.25	-58.0	198.0	-5.0	-148.0	-4.0	-423.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls12	23728.5	-58.0	210.0	-5.0	-148.0	-2.0	-480.0
B366	26	GEO_Eqn_6.12b_nls12	23728.5	-135.0	132.0	-7.0	-149.0	1.0	-484.0
B366	26	GEO_Eqn_6.12b_nls12	24009.75	-135.0	144.0	-7.0	-149.0	3.0	-523.0
B366	26	GEO_Eqn_6.12b_nls12	24291	-135.0	156.0	-7.0	-149.0	5.0	-565.0
B366	26	GEO_Eqn_6.12b_nls13	0	-7.0	-219.0	-20.0	-719.0	-5.0	341.0
B366	26	GEO_Eqn_6.12b_nls13	262.5	-7.0	-208.0	-20.0	-719.0	-0.1	397.0
B366	26	GEO_Eqn_6.12b_nls13	525	-7.0	-197.0	-20.0	-719.0	5.0	450.0
B366	26	GEO_Eqn_6.12b_nls13	525	7.0	-104.0	20.0	-661.0	5.0	456.0
B366	26	GEO_Eqn_6.12b_nls13	787.5	7.0	-93.0	20.0	-661.0	0.1	482.0
B366	26	GEO_Eqn_6.12b_nls13	1050	7.0	-82.0	20.0	-661.0	-5.0	504.0
B366	26	GEO_Eqn_6.12b_nls13	1050	0.0	-36.0	0.0	-578.0	0.0	506.0
B366	26	GEO_Eqn_6.12b_nls13	1500	0.0	-17.0	0.0	-578.0	0.0	518.0
B366	26	GEO_Eqn_6.12b_nls13	1950	0.0	2.0	0.0	-578.0	0.0	522.0
B366	26	GEO_Eqn_6.12b_nls13	1950	-1.0	64.0	-6.0	-524.0	-1.0	519.0
B366	26	GEO_Eqn_6.12b_nls13	2320.5	-1.0	80.0	-6.0	-524.0	1.0	493.0
B366	26	GEO_Eqn_6.12b_nls13	2320.5	1.0	175.0	6.0	-493.0	1.0	484.0
B366	26	GEO_Eqn_6.12b_nls13	2691	1.0	191.0	6.0	-493.0	-1.0	417.0
B366	26	GEO_Eqn_6.12b_nls13	2691	7.0	-333.0	-2.0	-914.0	-0.4	493.0
B366	26	GEO_Eqn_6.12b_nls13	3041	7.0	-318.0	-2.0	-914.0	0.3	607.0
B366	26	GEO_Eqn_6.12b_nls13	3041	-7.0	-154.0	2.0	-894.0	0.4	626.0
B366	26	GEO_Eqn_6.12b_nls13	3391	-7.0	-139.0	2.0	-894.0	-0.3	677.0
B366	26	GEO_Eqn_6.12b_nls13	3391	-6.0	18.0	-6.0	-882.0	-7.0	683.0
B366	26	GEO_Eqn_6.12b_nls13	3782.67	-6.0	35.0	-6.0	-882.0	-5.0	672.0
B366	26	GEO_Eqn_6.12b_nls13	4174.33	-6.0	51.0	-6.0	-882.0	-3.0	656.0
B366	26	GEO_Eqn_6.12b_nls13	4566	-6.0	68.0	-6.0	-882.0	-0.3	632.0
B366	26	GEO_Eqn_6.12b_nls13	4566	-2.0	114.0	-4.0	-917.0	-0.4	632.0
B366	26	GEO_Eqn_6.12b_nls13	4957.67	-2.0	131.0	-4.0	-917.0	1.0	584.0
B366	26	GEO_Eqn_6.12b_nls13	5349.33	-2.0	147.0	-4.0	-917.0	3.0	530.0
B366	26	GEO_Eqn_6.12b_nls13	5741	-2.0	164.0	-4.0	-917.0	4.0	469.0
B366	26	GEO_Eqn_6.12b_nls13	5741	1.0	205.0	-3.0	-946.0	4.0	468.0
B366	26	GEO_Eqn_6.12b_nls13	6132.67	1.0	222.0	-3.0	-946.0	5.0	385.0
B366	26	GEO_Eqn_6.12b_nls13	6524.33	1.0	238.0	-3.0	-946.0	7.0	295.0
B366	26	GEO_Eqn_6.12b_nls13	6916	1.0	255.0	-3.0	-946.0	8.0	198.0
B366	26	GEO_Eqn_6.12b_nls13	6916	7.0	270.0	19.0	-957.0	7.0	197.0
B366	26	GEO_Eqn_6.12b_nls13	7307.67	7.0	286.0	19.0	-957.0	-0.4	89.0
B366	26	GEO_Eqn_6.12b_nls13	7699.33	7.0	303.0	19.0	-957.0	-8.0	-27.0
B366	26	GEO_Eqn_6.12b_nls13	8091	7.0	319.0	19.0	-957.0	-15.0	-149.0
B366	26	GEO_Eqn_6.12b_nls13	8091	11.0	41.0	-20.0	5.0	-16.0	-78.0
B366	26	GEO_Eqn_6.12b_nls13	8482.67	11.0	57.0	-20.0	5.0	-8.0	-97.0
B366	26	GEO_Eqn_6.12b_nls13	8874.33	11.0	74.0	-20.0	5.0	-1.0	-123.0
B366	26	GEO_Eqn_6.12b_nls13	9266	11.0	91.0	-20.0	5.0	7.0	-155.0
B366	26	GEO_Eqn_6.12b_nls13	9266	2.0	110.0	3.0	-5.0	8.0	-155.0
B366	26	GEO_Eqn_6.12b_nls13	9657.67	2.0	127.0	3.0	-5.0	7.0	-202.0
B366	26	GEO_Eqn_6.12b_nls13	10049.33	2.0	144.0	3.0	-5.0	6.0	-255.0
B366	26	GEO_Eqn_6.12b_nls13	10441	2.0	160.0	3.0	-5.0	4.0	-314.0
B366	26	GEO_Eqn_6.12b_nls13	10441	-4.0	200.0	4.0	-27.0	5.0	-315.0
B366	26	GEO_Eqn_6.12b_nls13	10832.67	-4.0	216.0	4.0	-27.0	3.0	-397.0
B366	26	GEO_Eqn_6.12b_nls13	11224.33	-4.0	233.0	4.0	-27.0	1.0	-485.0
B366	26	GEO_Eqn_6.12b_nls13	11616	-4.0	250.0	4.0	-27.0	-1.0	-579.0
B366	26	GEO_Eqn_6.12b_nls13	11616	-9.0	286.0	6.0	-48.0	-0.2	-581.0
B366	26	GEO_Eqn_6.12b_nls13	12007.67	-9.0	302.0	6.0	-48.0	-3.0	-696.0
B366	26	GEO_Eqn_6.12b_nls13	12399.33	-9.0	319.0	6.0	-48.0	-5.0	-818.0
B366	26	GEO_Eqn_6.12b_nls13	12791	-9.0	336.0	6.0	-48.0	-8.0	-946.0
B366	26	GEO_Eqn_6.12b_nls13	12791	-4.0	373.0	-1.0	-47.0	-0.1	-952.0
B366	26	GEO_Eqn_6.12b_nls13	13141	-4.0	388.0	-1.0	-47.0	0.2	-1085.0
B366	26	GEO_Eqn_6.12b_nls13	13141	4.0	592.0	1.0	-43.0	0.1	-1124.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls13	13491	4.0	607.0	1.0	-43.0	-0.2	-1334.0
B366	26	GEO_Eqn_6.12b_nls13	13491	0.0	-1021.0	0.0	-182.0	0.0	-1358.0
B366	26	GEO_Eqn_6.12b_nls13	13941	0.0	-1002.0	0.0	-182.0	0.0	-903.0
B366	26	GEO_Eqn_6.12b_nls13	13941	-20.0	-698.0	-0.4	-179.0	-0.1	-888.0
B366	26	GEO_Eqn_6.12b_nls13	14391	-20.0	-679.0	-0.4	-179.0	0.1	-578.0
B366	26	GEO_Eqn_6.12b_nls13	14391	20.0	-480.0	0.4	-177.0	0.1	-553.0
B366	26	GEO_Eqn_6.12b_nls13	14841	20.0	-460.0	0.5	-177.0	-0.1	-341.0
B366	26	GEO_Eqn_6.12b_nls13	14841	0.0	-332.0	0.0	-179.0	0.0	-334.0
B366	26	GEO_Eqn_6.12b_nls13	15191	0.0	-317.0	0.0	-179.0	0.0	-221.0
B366	26	GEO_Eqn_6.12b_nls13	15191	-1.0	-276.0	-1.0	-189.0	-1.0	-218.0
B366	26	GEO_Eqn_6.12b_nls13	15656	-1.0	-257.0	-1.0	-189.0	0.0	-94.0
B366	26	GEO_Eqn_6.12b_nls13	16121	-1.0	-237.0	-1.0	-189.0	1.0	21.0
B366	26	GEO_Eqn_6.12b_nls13	16121	1.0	-204.0	1.0	-209.0	0.5	22.0
B366	26	GEO_Eqn_6.12b_nls13	16586	1.0	-184.0	1.0	-209.0	0.0	113.0
B366	26	GEO_Eqn_6.12b_nls13	17051	1.0	-165.0	1.0	-209.0	-1.0	194.0
B366	26	GEO_Eqn_6.12b_nls13	17051	-20.0	24.0	-0.5	-220.0	-0.1	194.0
B366	26	GEO_Eqn_6.12b_nls13	17441	-20.0	41.0	-0.4	-220.0	0.1	181.0
B366	26	GEO_Eqn_6.12b_nls13	17441	20.0	235.0	0.4	-218.0	0.1	170.0
B366	26	GEO_Eqn_6.12b_nls13	17831	20.0	252.0	0.4	-218.0	-0.1	75.0
B366	26	GEO_Eqn_6.12b_nls13	17831	-31.0	508.0	-2.0	-216.0	-1.0	60.0
B366	26	GEO_Eqn_6.12b_nls13	18096	-31.0	520.0	-2.0	-216.0	0.0	-76.0
B366	26	GEO_Eqn_6.12b_nls13	18361	-31.0	531.0	-2.0	-216.0	0.4	-215.0
B366	26	GEO_Eqn_6.12b_nls13	18361	31.0	831.0	2.0	-213.0	1.0	-248.0
B366	26	GEO_Eqn_6.12b_nls13	18626	31.0	842.0	2.0	-213.0	0.1	-469.0
B366	26	GEO_Eqn_6.12b_nls13	18891	31.0	853.0	2.0	-213.0	-0.5	-694.0
B366	26	GEO_Eqn_6.12b_nls13	18891	-140.0	-1067.0	-8.0	234.0	-6.0	-744.0
B366	26	GEO_Eqn_6.12b_nls13	19172.25	-140.0	-1055.0	-8.0	234.0	-4.0	-446.0
B366	26	GEO_Eqn_6.12b_nls13	19453.5	-140.0	-1043.0	-8.0	234.0	-1.0	-151.0
B366	26	GEO_Eqn_6.12b_nls13	19453.5	-52.0	-786.0	-4.0	237.0	3.0	-117.0
B366	26	GEO_Eqn_6.12b_nls13	19734.75	-52.0	-774.0	-4.0	237.0	4.0	103.0
B366	26	GEO_Eqn_6.12b_nls13	20016	-52.0	-762.0	-4.0	237.0	5.0	319.0
B366	26	GEO_Eqn_6.12b_nls13	20016	54.0	-596.0	6.0	236.0	5.0	331.0
B366	26	GEO_Eqn_6.12b_nls13	20297.25	54.0	-584.0	6.0	236.0	4.0	497.0
B366	26	GEO_Eqn_6.12b_nls13	20578.5	54.0	-572.0	6.0	236.0	2.0	660.0
B366	26	GEO_Eqn_6.12b_nls13	20578.5	139.0	-490.0	6.0	238.0	-2.0	678.0
B366	26	GEO_Eqn_6.12b_nls13	20859.75	139.0	-478.0	6.0	238.0	-4.0	814.0
B366	26	GEO_Eqn_6.12b_nls13	21141	139.0	-466.0	6.0	238.0	-5.0	947.0
B366	26	GEO_Eqn_6.12b_nls13	21141	-20.0	-374.0	-0.2	226.0	0.0	956.0
B366	26	GEO_Eqn_6.12b_nls13	21591	-20.0	-355.0	-0.2	226.0	0.0	1120.0
B366	26	GEO_Eqn_6.12b_nls13	21591	20.0	-323.0	0.2	228.0	0.0	1137.0
B366	26	GEO_Eqn_6.12b_nls13	22041	20.0	-303.0	0.2	228.0	0.0	1278.0
B366	26	GEO_Eqn_6.12b_nls13	22041	27.0	-215.0	-11.0	216.0	-10.0	1286.0
B366	26	GEO_Eqn_6.12b_nls13	22322.25	27.0	-203.0	-11.0	216.0	-7.0	1345.0
B366	26	GEO_Eqn_6.12b_nls13	22603.5	27.0	-191.0	-11.0	216.0	-4.0	1400.0
B366	26	GEO_Eqn_6.12b_nls13	22603.5	25.0	-48.0	-10.0	219.0	3.0	1406.0
B366	26	GEO_Eqn_6.12b_nls13	22884.75	25.0	-36.0	-10.0	219.0	6.0	1418.0
B366	26	GEO_Eqn_6.12b_nls13	23166	25.0	-25.0	-10.0	219.0	9.0	1427.0
B366	26	GEO_Eqn_6.12b_nls13	23166	-4.0	303.0	8.0	219.0	9.0	1429.0
B366	26	GEO_Eqn_6.12b_nls13	23447.25	-4.0	315.0	8.0	219.0	7.0	1342.0
B366	26	GEO_Eqn_6.12b_nls13	23728.5	-4.0	327.0	8.0	219.0	5.0	1252.0
B366	26	GEO_Eqn_6.12b_nls13	23728.5	-48.0	972.0	15.0	224.0	-2.0	1229.0
B366	26	GEO_Eqn_6.12b_nls13	24009.75	-48.0	984.0	15.0	224.0	-6.0	954.0
B366	26	GEO_Eqn_6.12b_nls13	24291	-48.0	996.0	15.0	224.0	-11.0	676.0
B366	26	GEO_Eqn_6.12b_nls14	0	-17.0	-43.0	-20.0	-706.0	-5.0	329.0
B366	26	GEO_Eqn_6.12b_nls14	262.5	-17.0	-32.0	-20.0	-706.0	-0.1	339.0
B366	26	GEO_Eqn_6.12b_nls14	525	-17.0	-21.0	-20.0	-706.0	5.0	346.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls14	525	17.0	184.0	20.0	-648.0	5.0	338.0
B366	26	GEO_Eqn_6.12b_nls14	787.5	17.0	195.0	20.0	-648.0	0.1	289.0
B366	26	GEO_Eqn_6.12b_nls14	1050	17.0	206.0	20.0	-648.0	-5.0	236.0
B366	26	GEO_Eqn_6.12b_nls14	1050	0.0	247.0	0.0	-565.0	0.0	231.0
B366	26	GEO_Eqn_6.12b_nls14	1500	0.0	266.0	0.0	-565.0	0.0	116.0
B366	26	GEO_Eqn_6.12b_nls14	1950	0.0	285.0	0.0	-565.0	0.0	-8.0
B366	26	GEO_Eqn_6.12b_nls14	1950	-7.0	382.0	-6.0	-512.0	-1.0	-16.0
B366	26	GEO_Eqn_6.12b_nls14	2320.5	-7.0	398.0	-6.0	-512.0	1.0	-161.0
B366	26	GEO_Eqn_6.12b_nls14	2320.5	7.0	549.0	6.0	-481.0	1.0	-194.0
B366	26	GEO_Eqn_6.12b_nls14	2691	7.0	565.0	6.0	-481.0	-1.0	-401.0
B366	26	GEO_Eqn_6.12b_nls14	2691	-9.0	-108.0	-2.0	-905.0	-0.4	-339.0
B366	26	GEO_Eqn_6.12b_nls14	3041	-9.0	-93.0	-2.0	-905.0	0.3	-304.0
B366	26	GEO_Eqn_6.12b_nls14	3041	9.0	-122.0	2.0	-884.0	0.4	-298.0
B366	26	GEO_Eqn_6.12b_nls14	3391	9.0	-107.0	2.0	-884.0	-0.3	-257.0
B366	26	GEO_Eqn_6.12b_nls14	3391	-5.0	-187.0	-5.0	-873.0	-6.0	-255.0
B366	26	GEO_Eqn_6.12b_nls14	3782.67	-5.0	-170.0	-5.0	-873.0	-4.0	-185.0
B366	26	GEO_Eqn_6.12b_nls14	4174.33	-5.0	-154.0	-5.0	-873.0	-2.0	-121.0
B366	26	GEO_Eqn_6.12b_nls14	4566	-5.0	-137.0	-5.0	-873.0	-0.3	-65.0
B366	26	GEO_Eqn_6.12b_nls14	4566	-3.0	-91.0	-3.0	-909.0	-0.4	-64.0
B366	26	GEO_Eqn_6.12b_nls14	4957.67	-3.0	-74.0	-3.0	-909.0	1.0	-32.0
B366	26	GEO_Eqn_6.12b_nls14	5349.33	-3.0	-57.0	-3.0	-909.0	2.0	-6.0
B366	26	GEO_Eqn_6.12b_nls14	5741	-3.0	-41.0	-3.0	-909.0	3.0	13.0
B366	26	GEO_Eqn_6.12b_nls14	5741	0.5	1.0	-3.0	-939.0	3.0	13.0
B366	26	GEO_Eqn_6.12b_nls14	6132.67	0.5	18.0	-3.0	-939.0	4.0	9.0
B366	26	GEO_Eqn_6.12b_nls14	6524.33	0.5	35.0	-3.0	-939.0	5.0	-1.0
B366	26	GEO_Eqn_6.12b_nls14	6916	0.5	51.0	-3.0	-939.0	7.0	-18.0
B366	26	GEO_Eqn_6.12b_nls14	6916	7.0	67.0	16.0	-951.0	6.0	-18.0
B366	26	GEO_Eqn_6.12b_nls14	7307.67	7.0	84.0	16.0	-951.0	-0.2	-48.0
B366	26	GEO_Eqn_6.12b_nls14	7699.33	7.0	101.0	16.0	-951.0	-6.0	-84.0
B366	26	GEO_Eqn_6.12b_nls14	8091	7.0	117.0	16.0	-951.0	-13.0	-127.0
B366	26	GEO_Eqn_6.12b_nls14	8091	8.0	-197.0	-16.0	-93.0	-12.0	-307.0
B366	26	GEO_Eqn_6.12b_nls14	8482.67	8.0	-181.0	-16.0	-93.0	-6.0	-233.0
B366	26	GEO_Eqn_6.12b_nls14	8874.33	8.0	-164.0	-16.0	-93.0	-0.3	-165.0
B366	26	GEO_Eqn_6.12b_nls14	9266	8.0	-147.0	-15.0	-93.0	6.0	-105.0
B366	26	GEO_Eqn_6.12b_nls14	9266	1.0	-128.0	3.0	-103.0	7.0	-104.0
B366	26	GEO_Eqn_6.12b_nls14	9657.67	1.0	-112.0	3.0	-103.0	5.0	-57.0
B366	26	GEO_Eqn_6.12b_nls14	10049.33	1.0	-95.0	3.0	-103.0	4.0	-17.0
B366	26	GEO_Eqn_6.12b_nls14	10441	1.0	-78.0	3.0	-103.0	3.0	17.0
B366	26	GEO_Eqn_6.12b_nls14	10441	-3.0	-39.0	3.0	-124.0	3.0	17.0
B366	26	GEO_Eqn_6.12b_nls14	10832.67	-3.0	-23.0	3.0	-124.0	2.0	29.0
B366	26	GEO_Eqn_6.12b_nls14	11224.33	-3.0	-6.0	3.0	-124.0	1.0	34.0
B366	26	GEO_Eqn_6.12b_nls14	11616	-3.0	11.0	3.0	-124.0	-0.5	33.0
B366	26	GEO_Eqn_6.12b_nls14	11616	-6.0	46.0	5.0	-144.0	-0.3	32.0
B366	26	GEO_Eqn_6.12b_nls14	12007.67	-6.0	63.0	5.0	-144.0	-2.0	11.0
B366	26	GEO_Eqn_6.12b_nls14	12399.33	-6.0	80.0	5.0	-144.0	-4.0	-17.0
B366	26	GEO_Eqn_6.12b_nls14	12791	-6.0	96.0	5.0	-144.0	-6.0	-51.0
B366	26	GEO_Eqn_6.12b_nls14	12791	-40.0	496.0	-1.0	-142.0	-0.1	-63.0
B366	26	GEO_Eqn_6.12b_nls14	13141	-40.0	511.0	-1.0	-142.0	0.1	-239.0
B366	26	GEO_Eqn_6.12b_nls14	13141	40.0	1047.0	1.0	-139.0	0.1	-307.0
B366	26	GEO_Eqn_6.12b_nls14	13491	40.0	1061.0	1.0	-139.0	-0.1	-676.0
B366	26	GEO_Eqn_6.12b_nls14	13491	0.0	-774.0	0.0	-124.0	0.0	-736.0
B366	26	GEO_Eqn_6.12b_nls14	13941	0.0	-755.0	0.0	-124.0	0.0	-392.0
B366	26	GEO_Eqn_6.12b_nls14	13941	-56.0	-420.0	-0.4	-121.0	-0.1	-388.0
B366	26	GEO_Eqn_6.12b_nls14	14391	-56.0	-401.0	-0.4	-121.0	0.1	-204.0
B366	26	GEO_Eqn_6.12b_nls14	14391	56.0	-264.0	0.4	-119.0	0.1	-195.0
B366	26	GEO_Eqn_6.12b_nls14	14841	56.0	-245.0	0.4	-119.0	-0.1	-80.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls14	14841	0.0	-294.0	0.0	-122.0	0.0	-80.0
B366	26	GEO_Eqn_6.12b_nls14	15191	0.0	-279.0	0.0	-122.0	0.0	20.0
B366	26	GEO_Eqn_6.12b_nls14	15191	-1.0	-399.0	-2.0	-132.0	-1.0	22.0
B366	26	GEO_Eqn_6.12b_nls14	15656	-1.0	-379.0	-2.0	-132.0	0.1	203.0
B366	26	GEO_Eqn_6.12b_nls14	16121	-1.0	-359.0	-2.0	-132.0	1.0	375.0
B366	26	GEO_Eqn_6.12b_nls14	16121	1.0	-327.0	1.0	-151.0	1.0	376.0
B366	26	GEO_Eqn_6.12b_nls14	16586	1.0	-307.0	1.0	-151.0	-0.1	524.0
B366	26	GEO_Eqn_6.12b_nls14	17051	1.0	-287.0	1.0	-151.0	-1.0	662.0
B366	26	GEO_Eqn_6.12b_nls14	17051	-51.0	47.0	-0.4	-162.0	-0.1	659.0
B366	26	GEO_Eqn_6.12b_nls14	17441	-51.0	63.0	-0.4	-162.0	0.1	638.0
B366	26	GEO_Eqn_6.12b_nls14	17441	51.0	359.0	0.4	-160.0	0.1	618.0
B366	26	GEO_Eqn_6.12b_nls14	17831	51.0	376.0	0.4	-160.0	-0.1	475.0
B366	26	GEO_Eqn_6.12b_nls14	17831	-88.0	668.0	-2.0	-159.0	-0.5	449.0
B366	26	GEO_Eqn_6.12b_nls14	18096	-88.0	679.0	-2.0	-159.0	0.0	271.0
B366	26	GEO_Eqn_6.12b_nls14	18361	-88.0	690.0	-2.0	-159.0	0.4	90.0
B366	26	GEO_Eqn_6.12b_nls14	18361	88.0	981.0	2.0	-156.0	0.5	44.0
B366	26	GEO_Eqn_6.12b_nls14	18626	88.0	993.0	2.0	-156.0	0.0	-218.0
B366	26	GEO_Eqn_6.12b_nls14	18891	88.0	1004.0	2.0	-156.0	-0.4	-482.0
B366	26	GEO_Eqn_6.12b_nls14	18891	-316.0	-913.0	-9.0	204.0	-7.0	-561.0
B366	26	GEO_Eqn_6.12b_nls14	19172.25	-316.0	-901.0	-9.0	204.0	-4.0	-306.0
B366	26	GEO_Eqn_6.12b_nls14	19453.5	-316.0	-889.0	-9.0	204.0	-2.0	-55.0
B366	26	GEO_Eqn_6.12b_nls14	19453.5	-114.0	-654.0	-5.0	207.0	3.0	-32.0
B366	26	GEO_Eqn_6.12b_nls14	19734.75	-114.0	-642.0	-5.0	207.0	4.0	150.0
B366	26	GEO_Eqn_6.12b_nls14	20016	-114.0	-630.0	-5.0	207.0	6.0	329.0
B366	26	GEO_Eqn_6.12b_nls14	20016	119.0	-475.0	6.0	205.0	6.0	332.0
B366	26	GEO_Eqn_6.12b_nls14	20297.25	119.0	-463.0	6.0	205.0	4.0	464.0
B366	26	GEO_Eqn_6.12b_nls14	20578.5	119.0	-451.0	6.0	205.0	2.0	593.0
B366	26	GEO_Eqn_6.12b_nls14	20578.5	311.0	-367.0	7.0	207.0	-2.0	600.0
B366	26	GEO_Eqn_6.12b_nls14	20859.75	311.0	-355.0	7.0	207.0	-4.0	702.0
B366	26	GEO_Eqn_6.12b_nls14	21141	311.0	-343.0	7.0	207.0	-6.0	800.0
B366	26	GEO_Eqn_6.12b_nls14	21141	-62.0	-248.0	-0.2	195.0	0.0	800.0
B366	26	GEO_Eqn_6.12b_nls14	21591	-62.0	-229.0	-0.2	195.0	0.0	907.0
B366	26	GEO_Eqn_6.12b_nls14	21591	62.0	-188.0	0.2	196.0	0.0	912.0
B366	26	GEO_Eqn_6.12b_nls14	22041	62.0	-169.0	0.2	196.0	0.0	993.0
B366	26	GEO_Eqn_6.12b_nls14	22041	-152.0	-70.0	-12.0	184.0	-11.0	991.0
B366	26	GEO_Eqn_6.12b_nls14	22322.25	-152.0	-58.0	-12.0	184.0	-7.0	1010.0
B366	26	GEO_Eqn_6.12b_nls14	22603.5	-152.0	-46.0	-12.0	184.0	-4.0	1024.0
B366	26	GEO_Eqn_6.12b_nls14	22603.5	-44.0	88.0	-11.0	186.0	4.0	1018.0
B366	26	GEO_Eqn_6.12b_nls14	22884.75	-44.0	100.0	-11.0	186.0	7.0	992.0
B366	26	GEO_Eqn_6.12b_nls14	23166	-44.0	112.0	-11.0	186.0	10.0	962.0
B366	26	GEO_Eqn_6.12b_nls14	23166	62.0	395.0	9.0	186.0	10.0	954.0
B366	26	GEO_Eqn_6.12b_nls14	23447.25	62.0	407.0	9.0	186.0	7.0	842.0
B366	26	GEO_Eqn_6.12b_nls14	23728.5	62.0	419.0	9.0	186.0	5.0	725.0
B366	26	GEO_Eqn_6.12b_nls14	23728.5	134.0	928.0	15.0	191.0	-3.0	695.0
B366	26	GEO_Eqn_6.12b_nls14	24009.75	134.0	940.0	15.0	191.0	-7.0	432.0
B366	26	GEO_Eqn_6.12b_nls14	24291	134.0	952.0	15.0	191.0	-11.0	166.0
B366	26	GEO_Eqn_6.12b_nls15	0	4.0	-357.0	-13.0	-437.0	-3.0	342.0
B366	26	GEO_Eqn_6.12b_nls15	262.5	4.0	-346.0	-13.0	-437.0	0.0	434.0
B366	26	GEO_Eqn_6.12b_nls15	525	4.0	-335.0	-13.0	-437.0	3.0	524.0
B366	26	GEO_Eqn_6.12b_nls15	525	-4.0	-342.0	13.0	-400.0	3.0	540.0
B366	26	GEO_Eqn_6.12b_nls15	787.5	-4.0	-331.0	13.0	-400.0	0.0	628.0
B366	26	GEO_Eqn_6.12b_nls15	1050	-4.0	-320.0	13.0	-400.0	-3.0	714.0
B366	26	GEO_Eqn_6.12b_nls15	1050	0.0	-271.0	0.0	-349.0	0.0	721.0
B366	26	GEO_Eqn_6.12b_nls15	1500	0.0	-252.0	0.0	-349.0	0.0	839.0
B366	26	GEO_Eqn_6.12b_nls15	1950	0.0	-233.0	0.0	-349.0	0.0	948.0
B366	26	GEO_Eqn_6.12b_nls15	1950	4.0	-218.0	-4.0	-316.0	-1.0	951.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls15	2320.5	4.0	-203.0	-4.0	-316.0	1.0	1029.0
B366	26	GEO_Eqn_6.12b_nls15	2320.5	-4.0	-183.0	4.0	-295.0	1.0	1044.0
B366	26	GEO_Eqn_6.12b_nls15	2691	-4.0	-167.0	4.0	-295.0	-1.0	1109.0
B366	26	GEO_Eqn_6.12b_nls15	2691	22.0	-355.0	-2.0	-659.0	-0.3	1220.0
B366	26	GEO_Eqn_6.12b_nls15	3041	22.0	-340.0	-2.0	-659.0	0.3	1341.0
B366	26	GEO_Eqn_6.12b_nls15	3041	-22.0	-39.0	2.0	-645.0	0.3	1360.0
B366	26	GEO_Eqn_6.12b_nls15	3391	-22.0	-24.0	2.0	-645.0	-0.3	1371.0
B366	26	GEO_Eqn_6.12b_nls15	3391	-3.0	342.0	-3.0	-640.0	-5.0	1375.0
B366	26	GEO_Eqn_6.12b_nls15	3782.67	-3.0	359.0	-3.0	-640.0	-3.0	1237.0
B366	26	GEO_Eqn_6.12b_nls15	4174.33	-3.0	376.0	-3.0	-640.0	-2.0	1093.0
B366	26	GEO_Eqn_6.12b_nls15	4566	-3.0	392.0	-3.0	-640.0	-1.0	943.0
B366	26	GEO_Eqn_6.12b_nls15	4566	-2.0	438.0	-3.0	-674.0	-1.0	943.0
B366	26	GEO_Eqn_6.12b_nls15	4957.67	-2.0	455.0	-3.0	-674.0	0.5	768.0
B366	26	GEO_Eqn_6.12b_nls15	5349.33	-2.0	472.0	-3.0	-674.0	2.0	586.0
B366	26	GEO_Eqn_6.12b_nls15	5741	-2.0	488.0	-3.0	-674.0	3.0	398.0
B366	26	GEO_Eqn_6.12b_nls15	5741	0.2	531.0	-3.0	-703.0	3.0	397.0
B366	26	GEO_Eqn_6.12b_nls15	6132.67	0.2	547.0	-3.0	-703.0	4.0	186.0
B366	26	GEO_Eqn_6.12b_nls15	6524.33	0.2	564.0	-3.0	-703.0	5.0	-31.0
B366	26	GEO_Eqn_6.12b_nls15	6916	0.2	581.0	-3.0	-703.0	6.0	-256.0
B366	26	GEO_Eqn_6.12b_nls15	6916	4.0	595.0	15.0	-715.0	6.0	-257.0
B366	26	GEO_Eqn_6.12b_nls15	7307.67	4.0	612.0	15.0	-715.0	0.0	-493.0
B366	26	GEO_Eqn_6.12b_nls15	7699.33	4.0	629.0	15.0	-715.0	-6.0	-736.0
B366	26	GEO_Eqn_6.12b_nls15	8091	4.0	645.0	15.0	-715.0	-12.0	-986.0
B366	26	GEO_Eqn_6.12b_nls15	8091	12.0	-158.0	-16.0	-117.0	-13.0	-760.0
B366	26	GEO_Eqn_6.12b_nls15	8482.67	12.0	-141.0	-16.0	-117.0	-6.0	-701.0
B366	26	GEO_Eqn_6.12b_nls15	8874.33	12.0	-125.0	-16.0	-117.0	-0.3	-649.0
B366	26	GEO_Eqn_6.12b_nls15	9266	12.0	-108.0	-16.0	-117.0	6.0	-603.0
B366	26	GEO_Eqn_6.12b_nls15	9266	2.0	-86.0	3.0	-130.0	7.0	-603.0
B366	26	GEO_Eqn_6.12b_nls15	9657.67	2.0	-70.0	3.0	-130.0	6.0	-573.0
B366	26	GEO_Eqn_6.12b_nls15	10049.33	2.0	-53.0	3.0	-130.0	4.0	-549.0
B366	26	GEO_Eqn_6.12b_nls15	10441	2.0	-36.0	3.0	-130.0	3.0	-531.0
B366	26	GEO_Eqn_6.12b_nls15	10441	-4.0	5.0	3.0	-154.0	3.0	-532.0
B366	26	GEO_Eqn_6.12b_nls15	10832.67	-4.0	22.0	4.0	-154.0	2.0	-537.0
B366	26	GEO_Eqn_6.12b_nls15	11224.33	-4.0	38.0	4.0	-154.0	1.0	-549.0
B366	26	GEO_Eqn_6.12b_nls15	11616	-4.0	55.0	4.0	-154.0	-1.0	-567.0
B366	26	GEO_Eqn_6.12b_nls15	11616	-9.0	91.0	4.0	-175.0	-1.0	-569.0
B366	26	GEO_Eqn_6.12b_nls15	12007.67	-9.0	108.0	4.0	-175.0	-2.0	-608.0
B366	26	GEO_Eqn_6.12b_nls15	12399.33	-9.0	125.0	4.0	-175.0	-4.0	-653.0
B366	26	GEO_Eqn_6.12b_nls15	12791	-9.0	141.0	4.0	-175.0	-5.0	-705.0
B366	26	GEO_Eqn_6.12b_nls15	12791	29.0	-111.0	-0.2	-179.0	0.0	-701.0
B366	26	GEO_Eqn_6.12b_nls15	13141	29.0	-96.0	-0.2	-179.0	0.0	-665.0
B366	26	GEO_Eqn_6.12b_nls15	13141	-29.0	-328.0	0.2	-178.0	0.0	-643.0
B366	26	GEO_Eqn_6.12b_nls15	13491	-29.0	-313.0	0.2	-178.0	0.0	-531.0
B366	26	GEO_Eqn_6.12b_nls15	13491	0.0	-389.0	0.0	9.0	0.0	-503.0
B366	26	GEO_Eqn_6.12b_nls15	13941	0.0	-370.0	0.0	9.0	0.0	-332.0
B366	26	GEO_Eqn_6.12b_nls15	13941	32.0	-364.0	-0.2	8.0	0.0	-320.0
B366	26	GEO_Eqn_6.12b_nls15	14391	32.0	-345.0	-0.2	8.0	0.0	-160.0
B366	26	GEO_Eqn_6.12b_nls15	14391	-32.0	-286.0	0.2	9.0	0.0	-141.0
B366	26	GEO_Eqn_6.12b_nls15	14841	-32.0	-267.0	0.2	9.0	0.0	-16.0
B366	26	GEO_Eqn_6.12b_nls15	14841	0.0	-105.0	0.0	4.0	0.0	-8.0
B366	26	GEO_Eqn_6.12b_nls15	15191	0.0	-90.0	0.0	4.0	0.0	26.0
B366	26	GEO_Eqn_6.12b_nls15	15191	0.1	69.0	-1.0	-7.0	-0.2	29.0
B366	26	GEO_Eqn_6.12b_nls15	15656	0.1	89.0	-1.0	-7.0	0.0	-8.0
B366	26	GEO_Eqn_6.12b_nls15	16121	0.1	109.0	-0.5	-7.0	0.2	-54.0
B366	26	GEO_Eqn_6.12b_nls15	16121	-0.1	142.0	1.0	-27.0	0.2	-53.0
B366	26	GEO_Eqn_6.12b_nls15	16586	-0.1	162.0	1.0	-27.0	0.0	-123.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls15	17051	-0.1	181.0	1.0	-27.0	-0.2	-203.0
B366	26	GEO_Eqn_6.12b_nls15	17051	35.0	23.0	-0.2	-42.0	0.0	-202.0
B366	26	GEO_Eqn_6.12b_nls15	17441	35.0	39.0	-0.2	-42.0	0.0	-214.0
B366	26	GEO_Eqn_6.12b_nls15	17441	-35.0	-110.0	0.2	-41.0	0.0	-207.0
B366	26	GEO_Eqn_6.12b_nls15	17831	-35.0	-93.0	0.2	-41.0	0.0	-168.0
B366	26	GEO_Eqn_6.12b_nls15	17831	67.0	-161.0	-1.0	-47.0	-0.2	-156.0
B366	26	GEO_Eqn_6.12b_nls15	18096	67.0	-149.0	-1.0	-47.0	0.0	-115.0
B366	26	GEO_Eqn_6.12b_nls15	18361	67.0	-138.0	-1.0	-47.0	0.2	-77.0
B366	26	GEO_Eqn_6.12b_nls15	18361	-67.0	-153.0	1.0	-45.0	0.2	-63.0
B366	26	GEO_Eqn_6.12b_nls15	18626	-67.0	-142.0	1.0	-45.0	0.0	-24.0
B366	26	GEO_Eqn_6.12b_nls15	18891	-67.0	-130.0	1.0	-45.0	-0.2	12.0
B366	26	GEO_Eqn_6.12b_nls15	18891	302.0	-27.0	-4.0	-122.0	-4.0	81.0
B366	26	GEO_Eqn_6.12b_nls15	19172.25	302.0	-16.0	-4.0	-122.0	-2.0	87.0
B366	26	GEO_Eqn_6.12b_nls15	19453.5	302.0	-4.0	-4.0	-122.0	-1.0	90.0
B366	26	GEO_Eqn_6.12b_nls15	19453.5	114.0	8.0	-3.0	-121.0	1.0	99.0
B366	26	GEO_Eqn_6.12b_nls15	19734.75	114.0	20.0	-3.0	-121.0	2.0	95.0
B366	26	GEO_Eqn_6.12b_nls15	20016	114.0	32.0	-3.0	-121.0	3.0	88.0
B366	26	GEO_Eqn_6.12b_nls15	20016	-114.0	37.0	4.0	-132.0	3.0	97.0
B366	26	GEO_Eqn_6.12b_nls15	20297.25	-114.0	49.0	4.0	-132.0	2.0	85.0
B366	26	GEO_Eqn_6.12b_nls15	20578.5	-114.0	61.0	4.0	-132.0	1.0	69.0
B366	26	GEO_Eqn_6.12b_nls15	20578.5	-302.0	29.0	4.0	-131.0	-1.0	77.0
B366	26	GEO_Eqn_6.12b_nls15	20859.75	-302.0	41.0	4.0	-131.0	-2.0	67.0
B366	26	GEO_Eqn_6.12b_nls15	21141	-302.0	53.0	4.0	-131.0	-4.0	54.0
B366	26	GEO_Eqn_6.12b_nls15	21141	74.0	54.0	-0.1	-151.0	0.0	60.0
B366	26	GEO_Eqn_6.12b_nls15	21591	74.0	73.0	-0.1	-151.0	0.0	32.0
B366	26	GEO_Eqn_6.12b_nls15	21591	-74.0	46.0	0.1	-151.0	0.0	37.0
B366	26	GEO_Eqn_6.12b_nls15	22041	-74.0	65.0	0.1	-151.0	0.0	12.0
B366	26	GEO_Eqn_6.12b_nls15	22041	283.0	70.0	6.0	-171.0	6.0	19.0
B366	26	GEO_Eqn_6.12b_nls15	22322.25	283.0	82.0	6.0	-171.0	4.0	-2.0
B366	26	GEO_Eqn_6.12b_nls15	22603.5	283.0	94.0	6.0	-171.0	2.0	-27.0
B366	26	GEO_Eqn_6.12b_nls15	22603.5	102.0	68.0	6.0	-171.0	-2.0	-21.0
B366	26	GEO_Eqn_6.12b_nls15	22884.75	102.0	79.0	6.0	-171.0	-4.0	-42.0
B366	26	GEO_Eqn_6.12b_nls15	23166	102.0	91.0	6.0	-171.0	-6.0	-66.0
B366	26	GEO_Eqn_6.12b_nls15	23166	-110.0	84.0	-6.0	-184.0	-6.0	-59.0
B366	26	GEO_Eqn_6.12b_nls15	23447.25	-110.0	96.0	-6.0	-184.0	-4.0	-85.0
B366	26	GEO_Eqn_6.12b_nls15	23728.5	-110.0	108.0	-6.0	-184.0	-3.0	-113.0
B366	26	GEO_Eqn_6.12b_nls15	23728.5	-275.0	94.0	-8.0	-186.0	2.0	-109.0
B366	26	GEO_Eqn_6.12b_nls15	24009.75	-275.0	106.0	-8.0	-186.0	4.0	-137.0
B366	26	GEO_Eqn_6.12b_nls15	24291	-275.0	117.0	-8.0	-186.0	6.0	-168.0
B366	26	GEO_Eqn_6.12b_nls16	0	-6.0	-162.0	-12.0	-429.0	-3.0	331.0
B366	26	GEO_Eqn_6.12b_nls16	262.5	-6.0	-151.0	-12.0	-429.0	0.0	372.0
B366	26	GEO_Eqn_6.12b_nls16	525	-6.0	-140.0	-12.0	-429.0	3.0	410.0
B366	26	GEO_Eqn_6.12b_nls16	525	6.0	-36.0	13.0	-393.0	3.0	413.0
B366	26	GEO_Eqn_6.12b_nls16	787.5	6.0	-25.0	13.0	-393.0	0.0	421.0
B366	26	GEO_Eqn_6.12b_nls16	1050	6.0	-14.0	13.0	-393.0	-3.0	426.0
B366	26	GEO_Eqn_6.12b_nls16	1050	0.0	36.0	0.0	-344.0	0.0	427.0
B366	26	GEO_Eqn_6.12b_nls16	1500	0.0	55.0	0.0	-344.0	0.0	406.0
B366	26	GEO_Eqn_6.12b_nls16	1950	0.0	75.0	0.0	-344.0	0.0	377.0
B366	26	GEO_Eqn_6.12b_nls16	1950	-1.0	116.0	-4.0	-312.0	-1.0	374.0
B366	26	GEO_Eqn_6.12b_nls16	2320.5	-1.0	132.0	-4.0	-312.0	1.0	328.0
B366	26	GEO_Eqn_6.12b_nls16	2320.5	1.0	203.0	4.0	-292.0	1.0	316.0
B366	26	GEO_Eqn_6.12b_nls16	2691	1.0	218.0	4.0	-292.0	-1.0	238.0
B366	26	GEO_Eqn_6.12b_nls16	2691	5.0	-71.0	-2.0	-664.0	-0.3	334.0
B366	26	GEO_Eqn_6.12b_nls16	3041	5.0	-56.0	-2.0	-664.0	0.2	356.0
B366	26	GEO_Eqn_6.12b_nls16	3041	-5.0	48.0	2.0	-650.0	0.3	357.0
B366	26	GEO_Eqn_6.12b_nls16	3391	-5.0	63.0	2.0	-650.0	-0.3	338.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls16	3391	-3.0	198.0	-3.0	-646.0	-4.0	337.0
B366	26	GEO_Eqn_6.12b_nls16	3782.67	-3.0	214.0	-3.0	-646.0	-3.0	257.0
B366	26	GEO_Eqn_6.12b_nls16	4174.33	-3.0	231.0	-3.0	-646.0	-2.0	170.0
B366	26	GEO_Eqn_6.12b_nls16	4566	-3.0	248.0	-3.0	-646.0	-1.0	76.0
B366	26	GEO_Eqn_6.12b_nls16	4566	-2.0	294.0	-2.0	-681.0	-1.0	76.0
B366	26	GEO_Eqn_6.12b_nls16	4957.67	-2.0	311.0	-2.0	-681.0	0.3	-43.0
B366	26	GEO_Eqn_6.12b_nls16	5349.33	-2.0	327.0	-2.0	-681.0	1.0	-167.0
B366	26	GEO_Eqn_6.12b_nls16	5741	-2.0	344.0	-2.0	-681.0	2.0	-299.0
B366	26	GEO_Eqn_6.12b_nls16	5741	0.2	387.0	-3.0	-712.0	2.0	-300.0
B366	26	GEO_Eqn_6.12b_nls16	6132.67	0.2	404.0	-3.0	-712.0	3.0	-454.0
B366	26	GEO_Eqn_6.12b_nls16	6524.33	0.2	420.0	-3.0	-712.0	4.0	-616.0
B366	26	GEO_Eqn_6.12b_nls16	6916	0.1	437.0	-3.0	-712.0	5.0	-784.0
B366	26	GEO_Eqn_6.12b_nls16	6916	5.0	454.0	12.0	-725.0	5.0	-785.0
B366	26	GEO_Eqn_6.12b_nls16	7307.67	5.0	470.0	12.0	-725.0	0.0	-966.0
B366	26	GEO_Eqn_6.12b_nls16	7699.33	5.0	487.0	12.0	-725.0	-5.0	-1153.0
B366	26	GEO_Eqn_6.12b_nls16	8091	5.0	504.0	12.0	-725.0	-9.0	-1347.0
B366	26	GEO_Eqn_6.12b_nls16	8091	8.0	-593.0	-12.0	-217.0	-9.0	-1437.0
B366	26	GEO_Eqn_6.12b_nls16	8482.67	8.0	-576.0	-12.0	-217.0	-5.0	-1208.0
B366	26	GEO_Eqn_6.12b_nls16	8874.33	8.0	-560.0	-12.0	-217.0	-0.1	-985.0
B366	26	GEO_Eqn_6.12b_nls16	9266	8.0	-543.0	-12.0	-217.0	5.0	-769.0
B366	26	GEO_Eqn_6.12b_nls16	9266	1.0	-523.0	3.0	-229.0	5.0	-768.0
B366	26	GEO_Eqn_6.12b_nls16	9657.67	1.0	-506.0	3.0	-229.0	4.0	-567.0
B366	26	GEO_Eqn_6.12b_nls16	10049.33	1.0	-490.0	3.0	-229.0	3.0	-372.0
B366	26	GEO_Eqn_6.12b_nls16	10441	1.0	-473.0	3.0	-229.0	2.0	-183.0
B366	26	GEO_Eqn_6.12b_nls16	10441	-3.0	-432.0	3.0	-252.0	2.0	-184.0
B366	26	GEO_Eqn_6.12b_nls16	10832.67	-3.0	-415.0	3.0	-252.0	1.0	-18.0
B366	26	GEO_Eqn_6.12b_nls16	11224.33	-3.0	-399.0	3.0	-252.0	0.3	142.0
B366	26	GEO_Eqn_6.12b_nls16	11616	-3.0	-382.0	3.0	-252.0	-1.0	295.0
B366	26	GEO_Eqn_6.12b_nls16	11616	-6.0	-346.0	3.0	-271.0	-1.0	294.0
B366	26	GEO_Eqn_6.12b_nls16	12007.67	-6.0	-329.0	3.0	-271.0	-2.0	426.0
B366	26	GEO_Eqn_6.12b_nls16	12399.33	-6.0	-313.0	3.0	-271.0	-3.0	552.0
B366	26	GEO_Eqn_6.12b_nls16	12791	-6.0	-296.0	3.0	-271.0	-4.0	671.0
B366	26	GEO_Eqn_6.12b_nls16	12791	-12.0	-64.0	-0.1	-276.0	0.0	671.0
B366	26	GEO_Eqn_6.12b_nls16	13141	-12.0	-49.0	-0.1	-276.0	0.0	691.0
B366	26	GEO_Eqn_6.12b_nls16	13141	12.0	153.0	0.1	-276.0	0.0	684.0
B366	26	GEO_Eqn_6.12b_nls16	13491	12.0	168.0	0.1	-276.0	0.0	628.0
B366	26	GEO_Eqn_6.12b_nls16	13491	0.0	-119.0	0.0	105.0	0.0	616.0
B366	26	GEO_Eqn_6.12b_nls16	13941	0.0	-100.0	0.0	105.0	0.0	666.0
B366	26	GEO_Eqn_6.12b_nls16	13941	2.0	-26.0	-0.1	103.0	0.0	666.0
B366	26	GEO_Eqn_6.12b_nls16	14391	2.0	-7.0	-0.1	103.0	0.0	673.0
B366	26	GEO_Eqn_6.12b_nls16	14391	-2.0	20.0	0.1	103.0	0.0	673.0
B366	26	GEO_Eqn_6.12b_nls16	14841	-2.0	39.0	0.1	103.0	0.0	659.0
B366	26	GEO_Eqn_6.12b_nls16	14841	0.0	70.0	0.0	98.0	0.0	659.0
B366	26	GEO_Eqn_6.12b_nls16	15191	0.0	85.0	0.0	98.0	0.0	632.0
B366	26	GEO_Eqn_6.12b_nls16	15191	-0.2	130.0	-1.0	87.0	-0.3	634.0
B366	26	GEO_Eqn_6.12b_nls16	15656	-0.2	150.0	-1.0	87.0	0.0	569.0
B366	26	GEO_Eqn_6.12b_nls16	16121	-0.2	170.0	-1.0	87.0	0.3	495.0
B366	26	GEO_Eqn_6.12b_nls16	16121	0.2	203.0	1.0	68.0	0.3	495.0
B366	26	GEO_Eqn_6.12b_nls16	16586	0.2	223.0	1.0	68.0	0.0	396.0
B366	26	GEO_Eqn_6.12b_nls16	17051	0.2	242.0	1.0	68.0	-0.3	288.0
B366	26	GEO_Eqn_6.12b_nls16	17051	14.0	159.0	-0.1	52.0	0.0	285.0
B366	26	GEO_Eqn_6.12b_nls16	17441	14.0	176.0	-0.1	52.0	0.0	220.0
B366	26	GEO_Eqn_6.12b_nls16	17441	-14.0	80.0	0.1	53.0	0.0	214.0
B366	26	GEO_Eqn_6.12b_nls16	17831	-14.0	97.0	0.1	53.0	0.0	179.0
B366	26	GEO_Eqn_6.12b_nls16	17831	28.0	38.0	-0.4	46.0	-0.1	180.0
B366	26	GEO_Eqn_6.12b_nls16	18096	28.0	49.0	-0.4	46.0	0.0	168.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B366	26	GEO_Eqn_6.12b_nls16	18361	28.0	61.0	-0.4	46.0	0.1	154.0
B366	26	GEO_Eqn_6.12b_nls16	18361	-28.0	16.0	0.4	47.0	0.1	155.0
B366	26	GEO_Eqn_6.12b_nls16	18626	-28.0	27.0	0.4	47.0	0.0	149.0
B366	26	GEO_Eqn_6.12b_nls16	18891	-28.0	39.0	0.4	47.0	-0.1	140.0
B366	26	GEO_Eqn_6.12b_nls16	18891	167.0	117.0	-4.0	-112.0	-4.0	200.0
B366	26	GEO_Eqn_6.12b_nls16	19172.25	167.0	129.0	-4.0	-112.0	-2.0	165.0
B366	26	GEO_Eqn_6.12b_nls16	19453.5	167.0	141.0	-4.0	-112.0	-1.0	127.0
B366	26	GEO_Eqn_6.12b_nls16	19453.5	64.0	124.0	-3.0	-111.0	1.0	127.0
B366	26	GEO_Eqn_6.12b_nls16	19734.75	64.0	135.0	-3.0	-111.0	2.0	90.0
B366	26	GEO_Eqn_6.12b_nls16	20016	64.0	147.0	-3.0	-111.0	3.0	50.0
B366	26	GEO_Eqn_6.12b_nls16	20016	-64.0	139.0	4.0	-123.0	4.0	52.0
B366	26	GEO_Eqn_6.12b_nls16	20297.25	-64.0	151.0	4.0	-123.0	2.0	11.0
B366	26	GEO_Eqn_6.12b_nls16	20578.5	-64.0	163.0	4.0	-123.0	1.0	-33.0
B366	26	GEO_Eqn_6.12b_nls16	20578.5	-167.0	134.0	4.0	-122.0	-1.0	-34.0
B366	26	GEO_Eqn_6.12b_nls16	20859.75	-167.0	146.0	4.0	-122.0	-2.0	-74.0
B366	26	GEO_Eqn_6.12b_nls16	21141	-167.0	158.0	4.0	-122.0	-4.0	-116.0
B366	26	GEO_Eqn_6.12b_nls16	21141	39.0	167.0	-0.1	-143.0	0.0	-117.0
B366	26	GEO_Eqn_6.12b_nls16	21591	39.0	186.0	-0.1	-143.0	0.0	-197.0
B366	26	GEO_Eqn_6.12b_nls16	21591	-39.0	174.0	0.1	-143.0	0.0	-203.0
B366	26	GEO_Eqn_6.12b_nls16	22041	-39.0	193.0	0.1	-143.0	0.0	-285.0
B366	26	GEO_Eqn_6.12b_nls16	22041	122.0	222.0	4.0	-163.0	4.0	-286.0
B366	26	GEO_Eqn_6.12b_nls16	22322.25	122.0	234.0	4.0	-163.0	3.0	-351.0
B366	26	GEO_Eqn_6.12b_nls16	22603.5	122.0	246.0	4.0	-163.0	2.0	-418.0
B366	26	GEO_Eqn_6.12b_nls16	22603.5	37.0	234.0	5.0	-163.0	-1.0	-424.0
B366	26	GEO_Eqn_6.12b_nls16	22884.75	37.0	246.0	5.0	-163.0	-3.0	-492.0
B366	26	GEO_Eqn_6.12b_nls16	23166	37.0	258.0	5.0	-163.0	-4.0	-562.0
B366	26	GEO_Eqn_6.12b_nls16	23166	-51.0	244.0	-4.0	-177.0	-4.0	-566.0
B366	26	GEO_Eqn_6.12b_nls16	23447.25	-51.0	255.0	-4.0	-177.0	-3.0	-636.0
B366	26	GEO_Eqn_6.12b_nls16	23728.5	-51.0	267.0	-4.0	-177.0	-2.0	-710.0
B366	26	GEO_Eqn_6.12b_nls16	23728.5	-108.0	176.0	-6.0	-178.0	1.0	-717.0
B366	26	GEO_Eqn_6.12b_nls16	24009.75	-108.0	188.0	-6.0	-178.0	3.0	-768.0
B366	26	GEO_Eqn_6.12b_nls16	24291	-108.0	200.0	-6.0	-178.0	5.0	-823.0
B384	29	GEO_Eqn_6.12b_nls01	0	255.0	-426.0	1.0	34.0	1.0	-1161.0
B384	29	GEO_Eqn_6.12b_nls01	292.5	255.0	-414.0	1.0	34.0	1.0	-1038.0
B384	29	GEO_Eqn_6.12b_nls01	585	255.0	-402.0	1.0	34.0	0.4	-919.0
B384	29	GEO_Eqn_6.12b_nls01	585	138.0	-326.0	0.1	34.0	-0.2	-877.0
B384	29	GEO_Eqn_6.12b_nls01	975	138.0	-309.0	0.1	34.0	-0.2	-753.0
B384	29	GEO_Eqn_6.12b_nls01	975	115.0	-138.0	0.2	31.0	-0.1	-679.0
B384	29	GEO_Eqn_6.12b_nls01	1170	115.0	-130.0	0.2	31.0	-0.2	-652.0
B384	29	GEO_Eqn_6.12b_nls01	1170	-3.0	-361.0	1.0	30.0	-1.0	-622.0
B384	29	GEO_Eqn_6.12b_nls01	1462.5	-3.0	-348.0	1.0	30.0	-1.0	-518.0
B384	29	GEO_Eqn_6.12b_nls01	1755	-3.0	-336.0	1.0	30.0	-1.0	-418.0
B384	29	GEO_Eqn_6.12b_nls01	1755	-117.0	-79.0	0.0	28.0	-1.0	-395.0
B384	29	GEO_Eqn_6.12b_nls01	1950	-117.0	-71.0	0.0	28.0	-1.0	-380.0
B384	29	GEO_Eqn_6.12b_nls01	1950	-137.0	-159.0	-1.0	25.0	-1.0	-342.0
B384	29	GEO_Eqn_6.12b_nls01	2340	-137.0	-143.0	-1.0	25.0	-1.0	-283.0
B384	29	GEO_Eqn_6.12b_nls01	2340	-253.0	-93.0	-2.0	24.0	1.0	-263.0
B384	29	GEO_Eqn_6.12b_nls01	2632.5	-253.0	-80.0	-2.0	24.0	1.0	-238.0
B384	29	GEO_Eqn_6.12b_nls01	2925	-253.0	-68.0	-2.0	24.0	2.0	-216.0
B384	29	GEO_Eqn_6.12b_nls01	2925	216.0	-215.0	1.0	3.0	1.0	-201.0
B384	29	GEO_Eqn_6.12b_nls01	3420	216.0	-194.0	1.0	3.0	0.3	-99.0
B384	29	GEO_Eqn_6.12b_nls01	3420	118.0	-106.0	0.4	3.0	-0.3	-87.0
B384	29	GEO_Eqn_6.12b_nls01	3915	118.0	-85.0	0.4	3.0	-1.0	-40.0
B384	29	GEO_Eqn_6.12b_nls01	3915	22.0	1.0	0.1	3.0	-1.0	-33.0
B384	29	GEO_Eqn_6.12b_nls01	4162.5	22.0	12.0	0.1	3.0	-1.0	-34.0
B384	29	GEO_Eqn_6.12b_nls01	4162.5	-19.0	12.0	-0.1	0.3	-0.4	-39.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls01	4410	-19.0	23.0	-0.1	0.3	-0.4	-44.0
B384	29	GEO_Eqn_6.12b_nls01	4410	-118.0	142.0	-1.0	-0.2	-0.2	-44.0
B384	29	GEO_Eqn_6.12b_nls01	4905	-118.0	163.0	-1.0	-0.2	0.3	-119.0
B384	29	GEO_Eqn_6.12b_nls01	4905	-218.0	260.0	0.3	1.0	0.5	-123.0
B384	29	GEO_Eqn_6.12b_nls01	5400	-218.0	282.0	0.3	1.0	0.3	-257.0
B384	29	GEO_Eqn_6.12b_nls01	5400	568.0	-437.0	-4.0	-198.0	-5.0	-218.0
B384	29	GEO_Eqn_6.12b_nls01	5700	568.0	-424.0	-4.0	-198.0	-4.0	-89.0
B384	29	GEO_Eqn_6.12b_nls01	6000	568.0	-411.0	-4.0	-198.0	-2.0	36.0
B384	29	GEO_Eqn_6.12b_nls01	6000	449.0	-254.0	-3.0	-198.0	1.0	64.0
B384	29	GEO_Eqn_6.12b_nls01	6480	449.0	-234.0	-3.0	-198.0	2.0	181.0
B384	29	GEO_Eqn_6.12b_nls01	6480	442.0	-43.0	-0.1	-207.0	2.0	221.0
B384	29	GEO_Eqn_6.12b_nls01	6600	442.0	-38.0	-0.1	-207.0	2.0	226.0
B384	29	GEO_Eqn_6.12b_nls01	6600	322.0	-177.0	-1.0	-210.0	2.0	237.0
B384	29	GEO_Eqn_6.12b_nls01	6900	322.0	-164.0	-1.0	-210.0	2.0	288.0
B384	29	GEO_Eqn_6.12b_nls01	7200	322.0	-152.0	-1.0	-210.0	3.0	335.0
B384	29	GEO_Eqn_6.12b_nls01	7200	189.0	-58.0	-0.2	-213.0	3.0	349.0
B384	29	GEO_Eqn_6.12b_nls01	7560	189.0	-43.0	-0.2	-213.0	3.0	367.0
B384	29	GEO_Eqn_6.12b_nls01	7560	194.0	-19.0	0.1	-227.0	1.0	376.0
B384	29	GEO_Eqn_6.12b_nls01	7800	194.0	-9.0	0.1	-227.0	1.0	379.0
B384	29	GEO_Eqn_6.12b_nls01	7800	44.0	47.0	1.0	-232.0	1.0	386.0
B384	29	GEO_Eqn_6.12b_nls01	8100	44.0	60.0	1.0	-232.0	1.0	370.0
B384	29	GEO_Eqn_6.12b_nls01	8400	44.0	73.0	1.0	-232.0	0.4	350.0
B384	29	GEO_Eqn_6.12b_nls01	8400	-120.0	70.0	1.0	-237.0	0.2	350.0
B384	29	GEO_Eqn_6.12b_nls01	8640	-120.0	81.0	1.0	-237.0	0.0	332.0
B384	29	GEO_Eqn_6.12b_nls01	8640	-112.0	133.0	-0.4	-250.0	-2.0	295.0
B384	29	GEO_Eqn_6.12b_nls01	9000	-112.0	148.0	-0.4	-250.0	-1.0	245.0
B384	29	GEO_Eqn_6.12b_nls01	9000	-293.0	349.0	0.3	-253.0	-1.0	239.0
B384	29	GEO_Eqn_6.12b_nls01	9300	-293.0	362.0	0.3	-253.0	-1.0	132.0
B384	29	GEO_Eqn_6.12b_nls01	9600	-293.0	374.0	0.3	-253.0	-1.0	22.0
B384	29	GEO_Eqn_6.12b_nls01	9600	-484.0	87.0	0.1	-256.0	-2.0	21.0
B384	29	GEO_Eqn_6.12b_nls01	9720	-484.0	93.0	0.1	-256.0	-2.0	11.0
B384	29	GEO_Eqn_6.12b_nls01	9720	-479.0	513.0	-5.0	-263.0	-3.0	-76.0
B384	29	GEO_Eqn_6.12b_nls01	10200	-479.0	533.0	-5.0	-263.0	-1.0	-327.0
B384	29	GEO_Eqn_6.12b_nls01	10200	-685.0	911.0	-4.0	-265.0	-1.0	-346.0
B384	29	GEO_Eqn_6.12b_nls01	10500	-685.0	924.0	-4.0	-265.0	1.0	-621.0
B384	29	GEO_Eqn_6.12b_nls01	10800	-685.0	937.0	-4.0	-265.0	2.0	-900.0
B384	29	GEO_Eqn_6.12b_nls02	0	287.0	-309.0	-3.0	22.0	-3.0	-1103.0
B384	29	GEO_Eqn_6.12b_nls02	292.5	287.0	-297.0	-3.0	22.0	-2.0	-1014.0
B384	29	GEO_Eqn_6.12b_nls02	585	287.0	-284.0	-3.0	22.0	-2.0	-929.0
B384	29	GEO_Eqn_6.12b_nls02	585	150.0	-276.0	-2.0	22.0	1.0	-893.0
B384	29	GEO_Eqn_6.12b_nls02	975	150.0	-260.0	-2.0	22.0	2.0	-788.0
B384	29	GEO_Eqn_6.12b_nls02	975	124.0	-116.0	0.1	19.0	2.0	-726.0
B384	29	GEO_Eqn_6.12b_nls02	1170	124.0	-108.0	0.2	19.0	2.0	-704.0
B384	29	GEO_Eqn_6.12b_nls02	1170	-9.0	-334.0	0.2	18.0	2.0	-676.0
B384	29	GEO_Eqn_6.12b_nls02	1462.5	-9.0	-321.0	0.2	18.0	2.0	-580.0
B384	29	GEO_Eqn_6.12b_nls02	1755	-9.0	-309.0	0.2	18.0	2.0	-488.0
B384	29	GEO_Eqn_6.12b_nls02	1755	-133.0	-83.0	0.0	17.0	2.0	-464.0
B384	29	GEO_Eqn_6.12b_nls02	1950	-133.0	-74.0	0.0	17.0	2.0	-449.0
B384	29	GEO_Eqn_6.12b_nls02	1950	-152.0	-167.0	1.0	14.0	1.0	-409.0
B384	29	GEO_Eqn_6.12b_nls02	2340	-152.0	-151.0	1.0	14.0	0.3	-347.0
B384	29	GEO_Eqn_6.12b_nls02	2340	-273.0	-137.0	2.0	13.0	-2.0	-325.0
B384	29	GEO_Eqn_6.12b_nls02	2632.5	-273.0	-124.0	2.0	13.0	-2.0	-287.0
B384	29	GEO_Eqn_6.12b_nls02	2925	-273.0	-112.0	2.0	13.0	-3.0	-252.0
B384	29	GEO_Eqn_6.12b_nls02	2925	221.0	-199.0	-1.0	-5.0	-1.0	-236.0
B384	29	GEO_Eqn_6.12b_nls02	3420	221.0	-178.0	-1.0	-5.0	-1.0	-143.0
B384	29	GEO_Eqn_6.12b_nls02	3420	120.0	-115.0	-2.0	-5.0	-0.3	-131.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls02	3915	120.0	-94.0	-2.0	-5.0	1.0	-79.0
B384	29	GEO_Eqn_6.12b_nls02	3915	22.0	-14.0	-0.4	-6.0	1.0	-70.0
B384	29	GEO_Eqn_6.12b_nls02	4162.5	22.0	-4.0	-0.3	-6.0	2.0	-67.0
B384	29	GEO_Eqn_6.12b_nls02	4162.5	-22.0	-3.0	0.3	-9.0	2.0	-66.0
B384	29	GEO_Eqn_6.12b_nls02	4410	-22.0	7.0	0.3	-9.0	2.0	-66.0
B384	29	GEO_Eqn_6.12b_nls02	4410	-121.0	79.0	2.0	-9.0	1.0	-63.0
B384	29	GEO_Eqn_6.12b_nls02	4905	-121.0	100.0	2.0	-9.0	0.3	-108.0
B384	29	GEO_Eqn_6.12b_nls02	4905	-220.0	173.0	2.0	-9.0	-1.0	-108.0
B384	29	GEO_Eqn_6.12b_nls02	5400	-220.0	194.0	2.0	-9.0	-2.0	-199.0
B384	29	GEO_Eqn_6.12b_nls02	5400	576.0	-355.0	-4.0	-256.0	-5.0	-161.0
B384	29	GEO_Eqn_6.12b_nls02	5700	576.0	-342.0	-4.0	-256.0	-4.0	-56.0
B384	29	GEO_Eqn_6.12b_nls02	6000	576.0	-330.0	-4.0	-256.0	-2.0	45.0
B384	29	GEO_Eqn_6.12b_nls02	6000	452.0	-210.0	-4.0	-257.0	1.0	69.0
B384	29	GEO_Eqn_6.12b_nls02	6480	452.0	-190.0	-4.0	-257.0	2.0	165.0
B384	29	GEO_Eqn_6.12b_nls02	6480	444.0	-35.0	-0.1	-265.0	2.0	197.0
B384	29	GEO_Eqn_6.12b_nls02	6600	444.0	-30.0	-0.1	-265.0	2.0	201.0
B384	29	GEO_Eqn_6.12b_nls02	6600	321.0	-149.0	-1.0	-269.0	2.0	211.0
B384	29	GEO_Eqn_6.12b_nls02	6900	321.0	-136.0	-1.0	-269.0	3.0	253.0
B384	29	GEO_Eqn_6.12b_nls02	7200	321.0	-123.0	-1.0	-269.0	3.0	292.0
B384	29	GEO_Eqn_6.12b_nls02	7200	186.0	-52.0	-0.2	-272.0	3.0	305.0
B384	29	GEO_Eqn_6.12b_nls02	7560	186.0	-37.0	-0.2	-272.0	3.0	321.0
B384	29	GEO_Eqn_6.12b_nls02	7560	190.0	-15.0	0.2	-287.0	1.0	328.0
B384	29	GEO_Eqn_6.12b_nls02	7800	190.0	-5.0	0.3	-287.0	1.0	330.0
B384	29	GEO_Eqn_6.12b_nls02	7800	40.0	40.0	1.0	-293.0	1.0	337.0
B384	29	GEO_Eqn_6.12b_nls02	8100	40.0	53.0	1.0	-293.0	1.0	323.0
B384	29	GEO_Eqn_6.12b_nls02	8400	40.0	66.0	1.0	-293.0	0.3	305.0
B384	29	GEO_Eqn_6.12b_nls02	8400	-124.0	60.0	1.0	-297.0	0.1	307.0
B384	29	GEO_Eqn_6.12b_nls02	8640	-124.0	70.0	1.0	-297.0	-0.1	291.0
B384	29	GEO_Eqn_6.12b_nls02	8640	-116.0	117.0	-0.4	-311.0	-2.0	258.0
B384	29	GEO_Eqn_6.12b_nls02	9000	-116.0	132.0	-0.4	-311.0	-1.0	214.0
B384	29	GEO_Eqn_6.12b_nls02	9000	-295.0	306.0	0.2	-314.0	-1.0	209.0
B384	29	GEO_Eqn_6.12b_nls02	9300	-295.0	319.0	0.2	-314.0	-2.0	115.0
B384	29	GEO_Eqn_6.12b_nls02	9600	-295.0	331.0	0.2	-314.0	-2.0	18.0
B384	29	GEO_Eqn_6.12b_nls02	9600	-483.0	77.0	0.1	-318.0	-2.0	19.0
B384	29	GEO_Eqn_6.12b_nls02	9720	-483.0	82.0	0.1	-318.0	-2.0	9.0
B384	29	GEO_Eqn_6.12b_nls02	9720	-478.0	454.0	-5.0	-326.0	-3.0	-68.0
B384	29	GEO_Eqn_6.12b_nls02	10200	-478.0	475.0	-5.0	-326.0	-1.0	-291.0
B384	29	GEO_Eqn_6.12b_nls02	10200	-682.0	810.0	-4.0	-328.0	-1.0	-307.0
B384	29	GEO_Eqn_6.12b_nls02	10500	-682.0	823.0	-4.0	-328.0	1.0	-552.0
B384	29	GEO_Eqn_6.12b_nls02	10800	-682.0	836.0	-4.0	-328.0	2.0	-801.0
B384	29	GEO_Eqn_6.12b_nls03	0	-354.0	-645.0	-14.0	-184.0	-12.0	842.0
B384	29	GEO_Eqn_6.12b_nls03	292.5	-354.0	-633.0	-14.0	-184.0	-8.0	1029.0
B384	29	GEO_Eqn_6.12b_nls03	585	-354.0	-620.0	-14.0	-184.0	-4.0	1212.0
B384	29	GEO_Eqn_6.12b_nls03	585	-178.0	-71.0	-3.0	-176.0	3.0	1220.0
B384	29	GEO_Eqn_6.12b_nls03	975	-178.0	-54.0	-3.0	-176.0	4.0	1245.0
B384	29	GEO_Eqn_6.12b_nls03	975	-149.0	-22.0	-1.0	-167.0	4.0	1255.0
B384	29	GEO_Eqn_6.12b_nls03	1170	-149.0	-14.0	-1.0	-167.0	4.0	1259.0
B384	29	GEO_Eqn_6.12b_nls03	1170	19.0	215.0	-2.0	-161.0	6.0	1246.0
B384	29	GEO_Eqn_6.12b_nls03	1462.5	19.0	228.0	-2.0	-161.0	7.0	1182.0
B384	29	GEO_Eqn_6.12b_nls03	1755	19.0	240.0	-2.0	-161.0	7.0	1113.0
B384	29	GEO_Eqn_6.12b_nls03	1755	161.0	128.0	0.1	-154.0	8.0	1084.0
B384	29	GEO_Eqn_6.12b_nls03	1950	161.0	137.0	0.1	-154.0	8.0	1059.0
B384	29	GEO_Eqn_6.12b_nls03	1950	192.0	308.0	5.0	-146.0	7.0	985.0
B384	29	GEO_Eqn_6.12b_nls03	2340	192.0	325.0	5.0	-146.0	5.0	862.0
B384	29	GEO_Eqn_6.12b_nls03	2340	321.0	615.0	16.0	-138.0	-5.0	815.0
B384	29	GEO_Eqn_6.12b_nls03	2632.5	321.0	627.0	16.0	-138.0	-9.0	634.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls03	2925	321.0	639.0	16.0	-138.0	-14.0	449.0
B384	29	GEO_Eqn_6.12b_nls03	2925	-135.0	71.0	-8.0	-113.0	-8.0	423.0
B384	29	GEO_Eqn_6.12b_nls03	3420	-135.0	92.0	-8.0	-113.0	-4.0	382.0
B384	29	GEO_Eqn_6.12b_nls03	3420	-73.0	241.0	-4.0	-109.0	2.0	372.0
B384	29	GEO_Eqn_6.12b_nls03	3915	-73.0	262.0	-4.0	-109.0	4.0	248.0
B384	29	GEO_Eqn_6.12b_nls03	3915	-12.0	162.0	-1.0	-104.0	7.0	219.0
B384	29	GEO_Eqn_6.12b_nls03	4162.5	-12.0	173.0	-1.0	-104.0	7.0	178.0
B384	29	GEO_Eqn_6.12b_nls03	4162.5	8.0	173.0	1.0	-92.0	6.0	106.0
B384	29	GEO_Eqn_6.12b_nls03	4410	8.0	183.0	1.0	-92.0	6.0	62.0
B384	29	GEO_Eqn_6.12b_nls03	4410	70.0	531.0	5.0	-88.0	3.0	25.0
B384	29	GEO_Eqn_6.12b_nls03	4905	70.0	552.0	5.0	-88.0	1.0	-243.0
B384	29	GEO_Eqn_6.12b_nls03	4905	141.0	654.0	6.0	-85.0	-4.0	-273.0
B384	29	GEO_Eqn_6.12b_nls03	5400	141.0	675.0	6.0	-85.0	-7.0	-602.0
B384	29	GEO_Eqn_6.12b_nls03	5400	-611.0	-542.0	1.0	452.0	0.0	-610.0
B384	29	GEO_Eqn_6.12b_nls03	5700	-611.0	-529.0	1.0	452.0	-0.2	-450.0
B384	29	GEO_Eqn_6.12b_nls03	6000	-611.0	-516.0	1.0	452.0	-0.5	-293.0
B384	29	GEO_Eqn_6.12b_nls03	6000	-464.0	-325.0	3.0	454.0	-2.0	-273.0
B384	29	GEO_Eqn_6.12b_nls03	6480	-464.0	-304.0	3.0	454.0	-3.0	-122.0
B384	29	GEO_Eqn_6.12b_nls03	6480	-450.0	-56.0	-0.2	451.0	-3.0	-69.0
B384	29	GEO_Eqn_6.12b_nls03	6600	-450.0	-51.0	-0.2	451.0	-3.0	-63.0
B384	29	GEO_Eqn_6.12b_nls03	6600	-295.0	-261.0	-2.0	451.0	-3.0	-64.0
B384	29	GEO_Eqn_6.12b_nls03	6900	-295.0	-248.0	-2.0	451.0	-2.0	13.0
B384	29	GEO_Eqn_6.12b_nls03	7200	-295.0	-236.0	-2.0	451.0	-2.0	85.0
B384	29	GEO_Eqn_6.12b_nls03	7200	-136.0	-123.0	-0.1	451.0	-1.0	91.0
B384	29	GEO_Eqn_6.12b_nls03	7560	-136.0	-107.0	-0.1	451.0	-1.0	132.0
B384	29	GEO_Eqn_6.12b_nls03	7560	-137.0	-63.0	-2.0	440.0	1.0	158.0
B384	29	GEO_Eqn_6.12b_nls03	7800	-137.0	-52.0	-2.0	440.0	1.0	172.0
B384	29	GEO_Eqn_6.12b_nls03	7800	22.0	-92.0	-2.0	439.0	2.0	170.0
B384	29	GEO_Eqn_6.12b_nls03	8100	22.0	-79.0	-2.0	439.0	2.0	196.0
B384	29	GEO_Eqn_6.12b_nls03	8400	22.0	-66.0	-2.0	439.0	3.0	217.0
B384	29	GEO_Eqn_6.12b_nls03	8400	173.0	-23.0	0.2	439.0	3.0	214.0
B384	29	GEO_Eqn_6.12b_nls03	8640	173.0	-13.0	0.2	439.0	3.0	218.0
B384	29	GEO_Eqn_6.12b_nls03	8640	165.0	-10.0	-1.0	429.0	4.0	218.0
B384	29	GEO_Eqn_6.12b_nls03	9000	165.0	5.0	-1.0	429.0	5.0	219.0
B384	29	GEO_Eqn_6.12b_nls03	9000	309.0	16.0	2.0	430.0	5.0	211.0
B384	29	GEO_Eqn_6.12b_nls03	9300	309.0	29.0	2.0	430.0	4.0	205.0
B384	29	GEO_Eqn_6.12b_nls03	9600	309.0	42.0	2.0	430.0	3.0	194.0
B384	29	GEO_Eqn_6.12b_nls03	9600	441.0	7.0	1.0	432.0	3.0	188.0
B384	29	GEO_Eqn_6.12b_nls03	9720	441.0	12.0	1.0	432.0	3.0	187.0
B384	29	GEO_Eqn_6.12b_nls03	9720	435.0	70.0	9.0	427.0	3.0	173.0
B384	29	GEO_Eqn_6.12b_nls03	10200	435.0	90.0	9.0	427.0	-1.0	135.0
B384	29	GEO_Eqn_6.12b_nls03	10200	569.0	115.0	14.0	432.0	-2.0	124.0
B384	29	GEO_Eqn_6.12b_nls03	10500	569.0	128.0	14.0	432.0	-6.0	88.0
B384	29	GEO_Eqn_6.12b_nls03	10800	569.0	140.0	14.0	432.0	-10.0	48.0
B384	29	GEO_Eqn_6.12b_nls04	0	-296.0	-406.0	-23.0	-206.0	-22.0	988.0
B384	29	GEO_Eqn_6.12b_nls04	292.5	-296.0	-393.0	-23.0	-206.0	-15.0	1105.0
B384	29	GEO_Eqn_6.12b_nls04	585	-296.0	-381.0	-23.0	-206.0	-8.0	1218.0
B384	29	GEO_Eqn_6.12b_nls04	585	-158.0	31.0	-7.0	-197.0	5.0	1215.0
B384	29	GEO_Eqn_6.12b_nls04	975	-158.0	48.0	-7.0	-197.0	8.0	1200.0
B384	29	GEO_Eqn_6.12b_nls04	975	-133.0	23.0	-1.0	-188.0	9.0	1186.0
B384	29	GEO_Eqn_6.12b_nls04	1170	-133.0	31.0	-1.0	-188.0	10.0	1181.0
B384	29	GEO_Eqn_6.12b_nls04	1170	7.0	270.0	-4.0	-180.0	12.0	1163.0
B384	29	GEO_Eqn_6.12b_nls04	1462.5	7.0	282.0	-4.0	-180.0	13.0	1082.0
B384	29	GEO_Eqn_6.12b_nls04	1755	7.0	295.0	-4.0	-180.0	14.0	998.0
B384	29	GEO_Eqn_6.12b_nls04	1755	131.0	121.0	0.0	-174.0	15.0	970.0
B384	29	GEO_Eqn_6.12b_nls04	1950	131.0	129.0	0.0	-174.0	15.0	945.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls04	1950	166.0	290.0	10.0	-165.0	12.0	876.0
B384	29	GEO_Eqn_6.12b_nls04	2340	166.0	307.0	10.0	-165.0	8.0	760.0
B384	29	GEO_Eqn_6.12b_nls04	2340	285.0	522.0	26.0	-157.0	-9.0	717.0
B384	29	GEO_Eqn_6.12b_nls04	2632.5	285.0	535.0	26.0	-157.0	-17.0	563.0
B384	29	GEO_Eqn_6.12b_nls04	2925	285.0	547.0	26.0	-157.0	-24.0	405.0
B384	29	GEO_Eqn_6.12b_nls04	2925	-117.0	119.0	-12.0	-128.0	-13.0	379.0
B384	29	GEO_Eqn_6.12b_nls04	3420	-117.0	140.0	-12.0	-128.0	-7.0	315.0
B384	29	GEO_Eqn_6.12b_nls04	3420	-65.0	237.0	-10.0	-123.0	2.0	304.0
B384	29	GEO_Eqn_6.12b_nls04	3915	-65.0	258.0	-10.0	-123.0	7.0	181.0
B384	29	GEO_Eqn_6.12b_nls04	3915	-10.0	136.0	-2.0	-119.0	12.0	157.0
B384	29	GEO_Eqn_6.12b_nls04	4162.5	-10.0	147.0	-2.0	-119.0	13.0	122.0
B384	29	GEO_Eqn_6.12b_nls04	4162.5	-0.3	146.0	2.0	-108.0	12.0	61.0
B384	29	GEO_Eqn_6.12b_nls04	4410	-0.3	157.0	2.0	-108.0	12.0	23.0
B384	29	GEO_Eqn_6.12b_nls04	4410	58.0	409.0	12.0	-103.0	7.0	-8.0
B384	29	GEO_Eqn_6.12b_nls04	4905	58.0	430.0	12.0	-103.0	1.0	-215.0
B384	29	GEO_Eqn_6.12b_nls04	4905	129.0	476.0	10.0	-100.0	-8.0	-239.0
B384	29	GEO_Eqn_6.12b_nls04	5400	129.0	497.0	10.0	-100.0	-13.0	-480.0
B384	29	GEO_Eqn_6.12b_nls04	5400	-596.0	-365.0	0.1	361.0	-1.0	-486.0
B384	29	GEO_Eqn_6.12b_nls04	5700	-596.0	-353.0	0.1	361.0	-1.0	-378.0
B384	29	GEO_Eqn_6.12b_nls04	6000	-596.0	-340.0	0.1	361.0	-1.0	-275.0
B384	29	GEO_Eqn_6.12b_nls04	6000	-458.0	-233.0	2.0	362.0	-2.0	-262.0
B384	29	GEO_Eqn_6.12b_nls04	6480	-458.0	-213.0	2.0	362.0	-3.0	-156.0
B384	29	GEO_Eqn_6.12b_nls04	6480	-447.0	-40.0	-0.2	358.0	-2.0	-118.0
B384	29	GEO_Eqn_6.12b_nls04	6600	-447.0	-34.0	-0.2	358.0	-2.0	-114.0
B384	29	GEO_Eqn_6.12b_nls04	6600	-299.0	-205.0	-1.0	358.0	-2.0	-117.0
B384	29	GEO_Eqn_6.12b_nls04	6900	-299.0	-193.0	-1.0	358.0	-2.0	-57.0
B384	29	GEO_Eqn_6.12b_nls04	7200	-299.0	-180.0	-1.0	358.0	-1.0	-1.0
B384	29	GEO_Eqn_6.12b_nls04	7200	-144.0	-114.0	0.0	357.0	-1.0	3.0
B384	29	GEO_Eqn_6.12b_nls04	7560	-144.0	-98.0	0.1	357.0	-1.0	41.0
B384	29	GEO_Eqn_6.12b_nls04	7560	-145.0	-56.0	-2.0	346.0	1.0	65.0
B384	29	GEO_Eqn_6.12b_nls04	7800	-145.0	-46.0	-2.0	346.0	1.0	77.0
B384	29	GEO_Eqn_6.12b_nls04	7800	13.0	-113.0	-2.0	344.0	2.0	75.0
B384	29	GEO_Eqn_6.12b_nls04	8100	13.0	-100.0	-2.0	344.0	2.0	107.0
B384	29	GEO_Eqn_6.12b_nls04	8400	13.0	-88.0	-2.0	344.0	3.0	135.0
B384	29	GEO_Eqn_6.12b_nls04	8400	167.0	-47.0	0.3	343.0	3.0	134.0
B384	29	GEO_Eqn_6.12b_nls04	8640	167.0	-36.0	0.3	343.0	3.0	144.0
B384	29	GEO_Eqn_6.12b_nls04	8640	159.0	-47.0	-0.5	332.0	4.0	153.0
B384	29	GEO_Eqn_6.12b_nls04	9000	159.0	-31.0	-0.5	332.0	4.0	167.0
B384	29	GEO_Eqn_6.12b_nls04	9000	307.0	-73.0	2.0	333.0	4.0	164.0
B384	29	GEO_Eqn_6.12b_nls04	9300	307.0	-60.0	2.0	333.0	4.0	184.0
B384	29	GEO_Eqn_6.12b_nls04	9600	307.0	-48.0	2.0	333.0	3.0	200.0
B384	29	GEO_Eqn_6.12b_nls04	9600	444.0	-14.0	1.0	333.0	3.0	196.0
B384	29	GEO_Eqn_6.12b_nls04	9720	444.0	-8.0	1.0	333.0	2.0	198.0
B384	29	GEO_Eqn_6.12b_nls04	9720	438.0	-43.0	9.0	328.0	3.0	202.0
B384	29	GEO_Eqn_6.12b_nls04	10200	438.0	-23.0	9.0	328.0	-1.0	218.0
B384	29	GEO_Eqn_6.12b_nls04	10200	574.0	-73.0	13.0	332.0	-2.0	214.0
B384	29	GEO_Eqn_6.12b_nls04	10500	574.0	-61.0	14.0	332.0	-6.0	234.0
B384	29	GEO_Eqn_6.12b_nls04	10800	574.0	-48.0	14.0	332.0	-10.0	250.0
B384	29	GEO_Eqn_6.12b_nls05	0	233.0	-434.0	2.0	15.0	2.0	-1100.0
B384	29	GEO_Eqn_6.12b_nls05	292.5	233.0	-422.0	2.0	15.0	1.0	-975.0
B384	29	GEO_Eqn_6.12b_nls05	585	233.0	-409.0	2.0	15.0	1.0	-854.0
B384	29	GEO_Eqn_6.12b_nls05	585	127.0	-317.0	0.4	14.0	-0.2	-813.0
B384	29	GEO_Eqn_6.12b_nls05	975	127.0	-300.0	0.4	14.0	-0.3	-693.0
B384	29	GEO_Eqn_6.12b_nls05	975	105.0	-134.0	0.2	12.0	-0.3	-621.0
B384	29	GEO_Eqn_6.12b_nls05	1170	105.0	-126.0	0.2	12.0	-0.4	-595.0
B384	29	GEO_Eqn_6.12b_nls05	1170	-2.0	-339.0	1.0	11.0	-1.0	-566.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls05	1462.5	-2.0	-326.0	1.0	11.0	-1.0	-469.0
B384	29	GEO_Eqn_6.12b_nls05	1755	-2.0	-314.0	1.0	11.0	-1.0	-376.0
B384	29	GEO_Eqn_6.12b_nls05	1755	-106.0	-71.0	0.1	10.0	-2.0	-354.0
B384	29	GEO_Eqn_6.12b_nls05	1950	-106.0	-62.0	0.1	10.0	-2.0	-341.0
B384	29	GEO_Eqn_6.12b_nls05	1950	-125.0	-140.0	-1.0	6.0	-2.0	-308.0
B384	29	GEO_Eqn_6.12b_nls05	2340	-125.0	-124.0	-1.0	6.0	-1.0	-256.0
B384	29	GEO_Eqn_6.12b_nls05	2340	-231.0	-63.0	-3.0	6.0	1.0	-239.0
B384	29	GEO_Eqn_6.12b_nls05	2632.5	-231.0	-51.0	-3.0	6.0	2.0	-223.0
B384	29	GEO_Eqn_6.12b_nls05	2925	-231.0	-38.0	-3.0	6.0	3.0	-210.0
B384	29	GEO_Eqn_6.12b_nls05	2925	194.0	-216.0	1.0	-12.0	1.0	-196.0
B384	29	GEO_Eqn_6.12b_nls05	3420	194.0	-195.0	1.0	-12.0	1.0	-94.0
B384	29	GEO_Eqn_6.12b_nls05	3420	107.0	-103.0	1.0	-12.0	-0.3	-82.0
B384	29	GEO_Eqn_6.12b_nls05	3915	107.0	-82.0	1.0	-12.0	-1.0	-37.0
B384	29	GEO_Eqn_6.12b_nls05	3915	19.0	4.0	0.2	-13.0	-1.0	-31.0
B384	29	GEO_Eqn_6.12b_nls05	4162.5	19.0	15.0	0.2	-13.0	-1.0	-33.0
B384	29	GEO_Eqn_6.12b_nls05	4162.5	-16.0	15.0	-0.3	-14.0	-1.0	-39.0
B384	29	GEO_Eqn_6.12b_nls05	4410	-16.0	26.0	-0.3	-14.0	-1.0	-44.0
B384	29	GEO_Eqn_6.12b_nls05	4410	-106.0	155.0	-2.0	-15.0	-1.0	-46.0
B384	29	GEO_Eqn_6.12b_nls05	4905	-106.0	176.0	-2.0	-15.0	0.4	-128.0
B384	29	GEO_Eqn_6.12b_nls05	4905	-197.0	280.0	0.0	-14.0	1.0	-133.0
B384	29	GEO_Eqn_6.12b_nls05	5400	-197.0	301.0	0.0	-14.0	1.0	-276.0
B384	29	GEO_Eqn_6.12b_nls05	5400	518.0	-457.0	-4.0	-178.0	-5.0	-236.0
B384	29	GEO_Eqn_6.12b_nls05	5700	518.0	-445.0	-4.0	-178.0	-3.0	-101.0
B384	29	GEO_Eqn_6.12b_nls05	6000	518.0	-432.0	-4.0	-178.0	-2.0	30.0
B384	29	GEO_Eqn_6.12b_nls05	6000	412.0	-265.0	-3.0	-178.0	1.0	58.0
B384	29	GEO_Eqn_6.12b_nls05	6480	412.0	-245.0	-3.0	-178.0	2.0	181.0
B384	29	GEO_Eqn_6.12b_nls05	6480	406.0	-45.0	-0.1	-186.0	2.0	223.0
B384	29	GEO_Eqn_6.12b_nls05	6600	406.0	-40.0	-0.1	-186.0	2.0	228.0
B384	29	GEO_Eqn_6.12b_nls05	6600	298.0	-185.0	-1.0	-189.0	2.0	238.0
B384	29	GEO_Eqn_6.12b_nls05	6900	298.0	-172.0	-1.0	-189.0	2.0	292.0
B384	29	GEO_Eqn_6.12b_nls05	7200	298.0	-159.0	-1.0	-189.0	3.0	341.0
B384	29	GEO_Eqn_6.12b_nls05	7200	178.0	-60.0	-0.3	-192.0	3.0	354.0
B384	29	GEO_Eqn_6.12b_nls05	7560	178.0	-45.0	-0.2	-192.0	3.0	373.0
B384	29	GEO_Eqn_6.12b_nls05	7560	182.0	-20.0	0.0	-206.0	1.0	383.0
B384	29	GEO_Eqn_6.12b_nls05	7800	182.0	-10.0	0.0	-206.0	1.0	387.0
B384	29	GEO_Eqn_6.12b_nls05	7800	45.0	47.0	1.0	-211.0	1.0	393.0
B384	29	GEO_Eqn_6.12b_nls05	8100	45.0	60.0	1.0	-211.0	1.0	377.0
B384	29	GEO_Eqn_6.12b_nls05	8400	45.0	73.0	1.0	-211.0	1.0	357.0
B384	29	GEO_Eqn_6.12b_nls05	8400	-108.0	72.0	1.0	-215.0	0.3	356.0
B384	29	GEO_Eqn_6.12b_nls05	8640	-108.0	82.0	1.0	-215.0	0.1	338.0
B384	29	GEO_Eqn_6.12b_nls05	8640	-100.0	135.0	-0.5	-228.0	-1.0	301.0
B384	29	GEO_Eqn_6.12b_nls05	9000	-100.0	150.0	-0.5	-228.0	-1.0	250.0
B384	29	GEO_Eqn_6.12b_nls05	9000	-269.0	354.0	0.4	-231.0	-1.0	243.0
B384	29	GEO_Eqn_6.12b_nls05	9300	-269.0	367.0	0.4	-231.0	-1.0	135.0
B384	29	GEO_Eqn_6.12b_nls05	9600	-269.0	380.0	0.4	-231.0	-1.0	23.0
B384	29	GEO_Eqn_6.12b_nls05	9600	-447.0	89.0	0.2	-233.0	-1.0	22.0
B384	29	GEO_Eqn_6.12b_nls05	9720	-447.0	94.0	0.2	-233.0	-1.0	11.0
B384	29	GEO_Eqn_6.12b_nls05	9720	-443.0	519.0	-4.0	-240.0	-3.0	-77.0
B384	29	GEO_Eqn_6.12b_nls05	10200	-443.0	539.0	-4.0	-240.0	-1.0	-331.0
B384	29	GEO_Eqn_6.12b_nls05	10200	-636.0	921.0	-3.0	-241.0	-1.0	-351.0
B384	29	GEO_Eqn_6.12b_nls05	10500	-636.0	933.0	-3.0	-241.0	0.3	-629.0
B384	29	GEO_Eqn_6.12b_nls05	10800	-636.0	946.0	-3.0	-241.0	1.0	-911.0
B384	29	GEO_Eqn_6.12b_nls06	0	288.0	-218.0	-6.0	-11.0	-6.0	-999.0
B384	29	GEO_Eqn_6.12b_nls06	292.5	288.0	-206.0	-6.0	-11.0	-5.0	-937.0
B384	29	GEO_Eqn_6.12b_nls06	585	288.0	-193.0	-6.0	-11.0	-3.0	-879.0
B384	29	GEO_Eqn_6.12b_nls06	585	145.0	-225.0	-4.0	-11.0	2.0	-848.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls06	975	145.0	-209.0	-4.0	-11.0	3.0	-764.0
B384	29	GEO_Eqn_6.12b_nls06	975	119.0	-94.0	0.1	-13.0	4.0	-713.0
B384	29	GEO_Eqn_6.12b_nls06	1170	119.0	-86.0	0.1	-13.0	4.0	-696.0
B384	29	GEO_Eqn_6.12b_nls06	1170	-15.0	-291.0	0.1	-14.0	4.0	-672.0
B384	29	GEO_Eqn_6.12b_nls06	1462.5	-15.0	-279.0	0.1	-14.0	4.0	-588.0
B384	29	GEO_Eqn_6.12b_nls06	1755	-15.0	-266.0	0.1	-14.0	4.0	-509.0
B384	29	GEO_Eqn_6.12b_nls06	1755	-134.0	-78.0	0.0	-14.0	4.0	-486.0
B384	29	GEO_Eqn_6.12b_nls06	1950	-134.0	-70.0	0.0	-14.0	4.0	-472.0
B384	29	GEO_Eqn_6.12b_nls06	1950	-151.0	-158.0	3.0	-17.0	2.0	-434.0
B384	29	GEO_Eqn_6.12b_nls06	2340	-151.0	-142.0	3.0	-17.0	1.0	-376.0
B384	29	GEO_Eqn_6.12b_nls06	2340	-265.0	-152.0	5.0	-18.0	-3.0	-355.0
B384	29	GEO_Eqn_6.12b_nls06	2632.5	-265.0	-139.0	5.0	-18.0	-5.0	-312.0
B384	29	GEO_Eqn_6.12b_nls06	2925	-265.0	-127.0	5.0	-18.0	-6.0	-273.0
B384	29	GEO_Eqn_6.12b_nls06	2925	198.0	-183.0	-2.0	-32.0	-3.0	-259.0
B384	29	GEO_Eqn_6.12b_nls06	3420	198.0	-162.0	-2.0	-32.0	-2.0	-173.0
B384	29	GEO_Eqn_6.12b_nls06	3420	107.0	-120.0	-3.0	-32.0	-0.1	-162.0
B384	29	GEO_Eqn_6.12b_nls06	3915	107.0	-99.0	-3.0	-32.0	2.0	-108.0
B384	29	GEO_Eqn_6.12b_nls06	3915	20.0	-26.0	-1.0	-32.0	3.0	-98.0
B384	29	GEO_Eqn_6.12b_nls06	4162.5	20.0	-15.0	-1.0	-32.0	3.0	-93.0
B384	29	GEO_Eqn_6.12b_nls06	4162.5	-22.0	-15.0	1.0	-35.0	4.0	-87.0
B384	29	GEO_Eqn_6.12b_nls06	4410	-22.0	-5.0	1.0	-35.0	4.0	-84.0
B384	29	GEO_Eqn_6.12b_nls06	4410	-109.0	31.0	3.0	-35.0	2.0	-80.0
B384	29	GEO_Eqn_6.12b_nls06	4905	-109.0	52.0	3.0	-35.0	0.3	-100.0
B384	29	GEO_Eqn_6.12b_nls06	4905	-195.0	106.0	3.0	-35.0	-2.0	-99.0
B384	29	GEO_Eqn_6.12b_nls06	5400	-195.0	127.0	3.0	-35.0	-3.0	-156.0
B384	29	GEO_Eqn_6.12b_nls06	5400	519.0	-293.0	-4.0	-297.0	-5.0	-118.0
B384	29	GEO_Eqn_6.12b_nls06	5700	519.0	-280.0	-4.0	-297.0	-4.0	-32.0
B384	29	GEO_Eqn_6.12b_nls06	6000	519.0	-267.0	-4.0	-297.0	-2.0	50.0
B384	29	GEO_Eqn_6.12b_nls06	6000	408.0	-177.0	-3.0	-298.0	1.0	70.0
B384	29	GEO_Eqn_6.12b_nls06	6480	408.0	-157.0	-3.0	-298.0	2.0	150.0
B384	29	GEO_Eqn_6.12b_nls06	6480	400.0	-29.0	-0.1	-307.0	2.0	178.0
B384	29	GEO_Eqn_6.12b_nls06	6600	400.0	-24.0	-0.1	-307.0	2.0	181.0
B384	29	GEO_Eqn_6.12b_nls06	6600	289.0	-128.0	-1.0	-311.0	2.0	189.0
B384	29	GEO_Eqn_6.12b_nls06	6900	289.0	-115.0	-1.0	-311.0	3.0	225.0
B384	29	GEO_Eqn_6.12b_nls06	7200	289.0	-102.0	-1.0	-311.0	3.0	258.0
B384	29	GEO_Eqn_6.12b_nls06	7200	168.0	-48.0	-0.1	-314.0	3.0	269.0
B384	29	GEO_Eqn_6.12b_nls06	7560	168.0	-33.0	-0.1	-314.0	3.0	284.0
B384	29	GEO_Eqn_6.12b_nls06	7560	172.0	-12.0	0.2	-329.0	1.0	290.0
B384	29	GEO_Eqn_6.12b_nls06	7800	172.0	-2.0	0.2	-329.0	1.0	292.0
B384	29	GEO_Eqn_6.12b_nls06	7800	37.0	33.0	1.0	-335.0	1.0	297.0
B384	29	GEO_Eqn_6.12b_nls06	8100	37.0	46.0	1.0	-335.0	1.0	285.0
B384	29	GEO_Eqn_6.12b_nls06	8400	37.0	59.0	1.0	-335.0	0.3	270.0
B384	29	GEO_Eqn_6.12b_nls06	8400	-111.0	51.0	1.0	-340.0	0.1	271.0
B384	29	GEO_Eqn_6.12b_nls06	8640	-111.0	61.0	1.0	-340.0	-0.1	258.0
B384	29	GEO_Eqn_6.12b_nls06	8640	-104.0	103.0	-0.3	-353.0	-1.0	229.0
B384	29	GEO_Eqn_6.12b_nls06	9000	-104.0	118.0	-0.3	-353.0	-1.0	189.0
B384	29	GEO_Eqn_6.12b_nls06	9000	-265.0	269.0	0.3	-357.0	-1.0	185.0
B384	29	GEO_Eqn_6.12b_nls06	9300	-265.0	281.0	0.3	-357.0	-1.0	103.0
B384	29	GEO_Eqn_6.12b_nls06	9600	-265.0	294.0	0.3	-357.0	-1.0	16.0
B384	29	GEO_Eqn_6.12b_nls06	9600	-435.0	68.0	0.1	-361.0	-2.0	18.0
B384	29	GEO_Eqn_6.12b_nls06	9720	-435.0	73.0	0.1	-361.0	-2.0	9.0
B384	29	GEO_Eqn_6.12b_nls06	9720	-431.0	404.0	-4.0	-369.0	-3.0	-60.0
B384	29	GEO_Eqn_6.12b_nls06	10200	-431.0	425.0	-4.0	-369.0	-1.0	-259.0
B384	29	GEO_Eqn_6.12b_nls06	10200	-616.0	723.0	-4.0	-371.0	-1.0	-273.0
B384	29	GEO_Eqn_6.12b_nls06	10500	-616.0	735.0	-4.0	-371.0	1.0	-492.0
B384	29	GEO_Eqn_6.12b_nls06	10800	-616.0	748.0	-4.0	-371.0	2.0	-714.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls07	0	-326.0	-631.0	-14.0	-163.0	-13.0	759.0
B384	29	GEO_Eqn_6.12b_nls07	292.5	-326.0	-618.0	-14.0	-163.0	-9.0	941.0
B384	29	GEO_Eqn_6.12b_nls07	585	-326.0	-606.0	-14.0	-163.0	-4.0	1120.0
B384	29	GEO_Eqn_6.12b_nls07	585	-165.0	-80.0	-3.0	-154.0	3.0	1130.0
B384	29	GEO_Eqn_6.12b_nls07	975	-165.0	-64.0	-3.0	-154.0	4.0	1158.0
B384	29	GEO_Eqn_6.12b_nls07	975	-138.0	-26.0	-1.0	-146.0	5.0	1170.0
B384	29	GEO_Eqn_6.12b_nls07	1170	-138.0	-18.0	-1.0	-146.0	5.0	1175.0
B384	29	GEO_Eqn_6.12b_nls07	1170	17.0	189.0	-3.0	-140.0	6.0	1164.0
B384	29	GEO_Eqn_6.12b_nls07	1462.5	17.0	202.0	-3.0	-140.0	7.0	1107.0
B384	29	GEO_Eqn_6.12b_nls07	1755	17.0	214.0	-3.0	-140.0	8.0	1046.0
B384	29	GEO_Eqn_6.12b_nls07	1755	147.0	118.0	0.0	-133.0	9.0	1020.0
B384	29	GEO_Eqn_6.12b_nls07	1950	147.0	126.0	0.0	-133.0	9.0	996.0
B384	29	GEO_Eqn_6.12b_nls07	1950	178.0	285.0	5.0	-126.0	8.0	928.0
B384	29	GEO_Eqn_6.12b_nls07	2340	178.0	302.0	5.0	-126.0	5.0	814.0
B384	29	GEO_Eqn_6.12b_nls07	2340	297.0	577.0	17.0	-118.0	-5.0	771.0
B384	29	GEO_Eqn_6.12b_nls07	2632.5	297.0	590.0	17.0	-118.0	-10.0	600.0
B384	29	GEO_Eqn_6.12b_nls07	2925	297.0	602.0	17.0	-118.0	-15.0	426.0
B384	29	GEO_Eqn_6.12b_nls07	2925	-116.0	65.0	-9.0	-95.0	-9.0	402.0
B384	29	GEO_Eqn_6.12b_nls07	3420	-116.0	86.0	-9.0	-95.0	-4.0	364.0
B384	29	GEO_Eqn_6.12b_nls07	3420	-63.0	230.0	-5.0	-91.0	2.0	355.0
B384	29	GEO_Eqn_6.12b_nls07	3915	-63.0	251.0	-5.0	-91.0	4.0	236.0
B384	29	GEO_Eqn_6.12b_nls07	3915	-10.0	155.0	-1.0	-86.0	7.0	209.0
B384	29	GEO_Eqn_6.12b_nls07	4162.5	-10.0	166.0	-1.0	-86.0	8.0	169.0
B384	29	GEO_Eqn_6.12b_nls07	4162.5	5.0	166.0	1.0	-76.0	7.0	100.0
B384	29	GEO_Eqn_6.12b_nls07	4410	5.0	176.0	1.0	-76.0	7.0	58.0
B384	29	GEO_Eqn_6.12b_nls07	4410	59.0	508.0	6.0	-71.0	4.0	23.0
B384	29	GEO_Eqn_6.12b_nls07	4905	59.0	529.0	6.0	-71.0	1.0	-234.0
B384	29	GEO_Eqn_6.12b_nls07	4905	122.0	626.0	7.0	-68.0	-5.0	-263.0
B384	29	GEO_Eqn_6.12b_nls07	5400	122.0	647.0	7.0	-68.0	-8.0	-577.0
B384	29	GEO_Eqn_6.12b_nls07	5400	-567.0	-519.0	0.4	413.0	-0.4	-589.0
B384	29	GEO_Eqn_6.12b_nls07	5700	-567.0	-507.0	0.4	413.0	-1.0	-435.0
B384	29	GEO_Eqn_6.12b_nls07	6000	-567.0	-494.0	0.4	413.0	-1.0	-285.0
B384	29	GEO_Eqn_6.12b_nls07	6000	-432.0	-312.0	2.0	414.0	-2.0	-265.0
B384	29	GEO_Eqn_6.12b_nls07	6480	-432.0	-291.0	2.0	414.0	-3.0	-121.0
B384	29	GEO_Eqn_6.12b_nls07	6480	-419.0	-54.0	-0.2	411.0	-3.0	-70.0
B384	29	GEO_Eqn_6.12b_nls07	6600	-419.0	-49.0	-0.2	411.0	-3.0	-64.0
B384	29	GEO_Eqn_6.12b_nls07	6600	-275.0	-251.0	-2.0	411.0	-2.0	-64.0
B384	29	GEO_Eqn_6.12b_nls07	6900	-275.0	-239.0	-2.0	411.0	-2.0	9.0
B384	29	GEO_Eqn_6.12b_nls07	7200	-275.0	-226.0	-2.0	411.0	-1.0	79.0
B384	29	GEO_Eqn_6.12b_nls07	7200	-128.0	-119.0	-0.1	411.0	-1.0	84.0
B384	29	GEO_Eqn_6.12b_nls07	7560	-128.0	-103.0	-0.1	411.0	-1.0	124.0
B384	29	GEO_Eqn_6.12b_nls07	7560	-128.0	-60.0	-2.0	400.0	1.0	149.0
B384	29	GEO_Eqn_6.12b_nls07	7800	-128.0	-50.0	-2.0	400.0	1.0	162.0
B384	29	GEO_Eqn_6.12b_nls07	7800	19.0	-88.0	-2.0	398.0	2.0	161.0
B384	29	GEO_Eqn_6.12b_nls07	8100	19.0	-75.0	-2.0	398.0	2.0	185.0
B384	29	GEO_Eqn_6.12b_nls07	8400	19.0	-62.0	-2.0	398.0	3.0	206.0
B384	29	GEO_Eqn_6.12b_nls07	8400	161.0	-21.0	0.3	397.0	3.0	203.0
B384	29	GEO_Eqn_6.12b_nls07	8640	161.0	-11.0	0.3	397.0	3.0	206.0
B384	29	GEO_Eqn_6.12b_nls07	8640	153.0	-8.0	-1.0	387.0	4.0	206.0
B384	29	GEO_Eqn_6.12b_nls07	9000	153.0	7.0	-1.0	387.0	4.0	206.0
B384	29	GEO_Eqn_6.12b_nls07	9000	287.0	21.0	2.0	388.0	4.0	199.0
B384	29	GEO_Eqn_6.12b_nls07	9300	287.0	34.0	2.0	388.0	4.0	190.0
B384	29	GEO_Eqn_6.12b_nls07	9600	287.0	47.0	2.0	388.0	3.0	178.0
B384	29	GEO_Eqn_6.12b_nls07	9600	411.0	8.0	1.0	389.0	3.0	173.0
B384	29	GEO_Eqn_6.12b_nls07	9720	411.0	13.0	1.0	389.0	2.0	171.0
B384	29	GEO_Eqn_6.12b_nls07	9720	405.0	77.0	9.0	384.0	3.0	156.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls07	10200	405.0	98.0	9.0	384.0	-1.0	114.0
B384	29	GEO_Eqn_6.12b_nls07	10200	530.0	129.0	13.0	389.0	-2.0	104.0
B384	29	GEO_Eqn_6.12b_nls07	10500	530.0	142.0	13.0	389.0	-6.0	63.0
B384	29	GEO_Eqn_6.12b_nls07	10800	530.0	155.0	13.0	389.0	-9.0	19.0
B384	29	GEO_Eqn_6.12b_nls08	0	-269.0	-394.0	-23.0	-185.0	-22.0	903.0
B384	29	GEO_Eqn_6.12b_nls08	292.5	-269.0	-381.0	-23.0	-185.0	-16.0	1016.0
B384	29	GEO_Eqn_6.12b_nls08	585	-269.0	-369.0	-23.0	-185.0	-9.0	1126.0
B384	29	GEO_Eqn_6.12b_nls08	585	-145.0	22.0	-8.0	-176.0	5.0	1124.0
B384	29	GEO_Eqn_6.12b_nls08	975	-145.0	38.0	-8.0	-176.0	8.0	1112.0
B384	29	GEO_Eqn_6.12b_nls08	975	-122.0	19.0	-1.0	-167.0	10.0	1101.0
B384	29	GEO_Eqn_6.12b_nls08	1170	-122.0	27.0	-1.0	-167.0	10.0	1096.0
B384	29	GEO_Eqn_6.12b_nls08	1170	5.0	245.0	-4.0	-160.0	12.0	1080.0
B384	29	GEO_Eqn_6.12b_nls08	1462.5	5.0	257.0	-4.0	-160.0	13.0	1007.0
B384	29	GEO_Eqn_6.12b_nls08	1755	5.0	270.0	-4.0	-160.0	14.0	930.0
B384	29	GEO_Eqn_6.12b_nls08	1755	118.0	111.0	-0.1	-154.0	16.0	904.0
B384	29	GEO_Eqn_6.12b_nls08	1950	118.0	119.0	-0.1	-154.0	16.0	882.0
B384	29	GEO_Eqn_6.12b_nls08	1950	152.0	268.0	11.0	-146.0	12.0	818.0
B384	29	GEO_Eqn_6.12b_nls08	2340	152.0	285.0	11.0	-146.0	8.0	710.0
B384	29	GEO_Eqn_6.12b_nls08	2340	261.0	488.0	26.0	-138.0	-10.0	671.0
B384	29	GEO_Eqn_6.12b_nls08	2632.5	261.0	500.0	26.0	-138.0	-18.0	527.0
B384	29	GEO_Eqn_6.12b_nls08	2925	261.0	512.0	26.0	-138.0	-25.0	379.0
B384	29	GEO_Eqn_6.12b_nls08	2925	-99.0	113.0	-13.0	-111.0	-14.0	354.0
B384	29	GEO_Eqn_6.12b_nls08	3420	-99.0	134.0	-13.0	-111.0	-8.0	293.0
B384	29	GEO_Eqn_6.12b_nls08	3420	-56.0	227.0	-11.0	-106.0	2.0	283.0
B384	29	GEO_Eqn_6.12b_nls08	3915	-56.0	248.0	-11.0	-106.0	7.0	166.0
B384	29	GEO_Eqn_6.12b_nls08	3915	-8.0	130.0	-2.0	-102.0	13.0	142.0
B384	29	GEO_Eqn_6.12b_nls08	4162.5	-8.0	140.0	-2.0	-102.0	13.0	109.0
B384	29	GEO_Eqn_6.12b_nls08	4162.5	-3.0	140.0	2.0	-92.0	13.0	51.0
B384	29	GEO_Eqn_6.12b_nls08	4410	-3.0	150.0	2.0	-92.0	13.0	15.0
B384	29	GEO_Eqn_6.12b_nls08	4410	49.0	389.0	13.0	-88.0	7.0	-14.0
B384	29	GEO_Eqn_6.12b_nls08	4905	49.0	410.0	13.0	-88.0	1.0	-212.0
B384	29	GEO_Eqn_6.12b_nls08	4905	112.0	450.0	10.0	-85.0	-8.0	-234.0
B384	29	GEO_Eqn_6.12b_nls08	5400	112.0	471.0	10.0	-85.0	-13.0	-462.0
B384	29	GEO_Eqn_6.12b_nls08	5400	-560.0	-346.0	-0.1	318.0	-1.0	-472.0
B384	29	GEO_Eqn_6.12b_nls08	5700	-560.0	-333.0	-0.1	318.0	-1.0	-371.0
B384	29	GEO_Eqn_6.12b_nls08	6000	-560.0	-320.0	-0.1	318.0	-1.0	-273.0
B384	29	GEO_Eqn_6.12b_nls08	6000	-433.0	-222.0	2.0	319.0	-2.0	-261.0
B384	29	GEO_Eqn_6.12b_nls08	6480	-433.0	-202.0	2.0	319.0	-3.0	-159.0
B384	29	GEO_Eqn_6.12b_nls08	6480	-422.0	-38.0	-0.2	314.0	-2.0	-124.0
B384	29	GEO_Eqn_6.12b_nls08	6600	-422.0	-32.0	-0.2	314.0	-2.0	-120.0
B384	29	GEO_Eqn_6.12b_nls08	6600	-283.0	-198.0	-1.0	314.0	-2.0	-122.0
B384	29	GEO_Eqn_6.12b_nls08	6900	-283.0	-185.0	-1.0	314.0	-1.0	-65.0
B384	29	GEO_Eqn_6.12b_nls08	7200	-283.0	-172.0	-1.0	314.0	-1.0	-12.0
B384	29	GEO_Eqn_6.12b_nls08	7200	-137.0	-111.0	0.1	313.0	-1.0	-7.0
B384	29	GEO_Eqn_6.12b_nls08	7560	-137.0	-96.0	0.1	313.0	-1.0	30.0
B384	29	GEO_Eqn_6.12b_nls08	7560	-139.0	-55.0	-2.0	301.0	1.0	53.0
B384	29	GEO_Eqn_6.12b_nls08	7800	-139.0	-45.0	-2.0	301.0	1.0	65.0
B384	29	GEO_Eqn_6.12b_nls08	7800	11.0	-112.0	-2.0	299.0	2.0	63.0
B384	29	GEO_Eqn_6.12b_nls08	8100	11.0	-99.0	-2.0	299.0	2.0	95.0
B384	29	GEO_Eqn_6.12b_nls08	8400	11.0	-87.0	-2.0	299.0	3.0	123.0
B384	29	GEO_Eqn_6.12b_nls08	8400	157.0	-47.0	0.3	298.0	3.0	122.0
B384	29	GEO_Eqn_6.12b_nls08	8640	157.0	-37.0	0.3	298.0	3.0	132.0
B384	29	GEO_Eqn_6.12b_nls08	8640	149.0	-47.0	-0.4	287.0	4.0	142.0
B384	29	GEO_Eqn_6.12b_nls08	9000	149.0	-32.0	-0.4	287.0	4.0	156.0
B384	29	GEO_Eqn_6.12b_nls08	9000	290.0	-76.0	2.0	287.0	4.0	152.0
B384	29	GEO_Eqn_6.12b_nls08	9300	290.0	-63.0	2.0	287.0	3.0	173.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls08	9600	290.0	-50.0	2.0	287.0	3.0	190.0
B384	29	GEO_Eqn_6.12b_nls08	9600	420.0	-14.0	1.0	287.0	2.0	187.0
B384	29	GEO_Eqn_6.12b_nls08	9720	420.0	-9.0	1.0	287.0	2.0	189.0
B384	29	GEO_Eqn_6.12b_nls08	9720	414.0	-46.0	9.0	281.0	3.0	193.0
B384	29	GEO_Eqn_6.12b_nls08	10200	414.0	-26.0	9.0	281.0	-1.0	211.0
B384	29	GEO_Eqn_6.12b_nls08	10200	543.0	-77.0	13.0	285.0	-2.0	207.0
B384	29	GEO_Eqn_6.12b_nls08	10500	543.0	-64.0	13.0	285.0	-5.0	228.0
B384	29	GEO_Eqn_6.12b_nls08	10800	543.0	-51.0	13.0	285.0	-9.0	245.0
B384	29	GEO_Eqn_6.12b_nls09	0	-34.0	-759.0	5.0	-41.0	7.0	-514.0
B384	29	GEO_Eqn_6.12b_nls09	292.5	-34.0	-746.0	5.0	-41.0	6.0	-294.0
B384	29	GEO_Eqn_6.12b_nls09	585	-34.0	-734.0	5.0	-41.0	4.0	-77.0
B384	29	GEO_Eqn_6.12b_nls09	585	-1.0	-322.0	4.0	-38.0	-1.0	-37.0
B384	29	GEO_Eqn_6.12b_nls09	975	-1.0	-305.0	4.0	-38.0	-2.0	85.0
B384	29	GEO_Eqn_6.12b_nls09	975	-3.0	-135.0	0.3	-37.0	-4.0	156.0
B384	29	GEO_Eqn_6.12b_nls09	1170	-3.0	-126.0	0.3	-37.0	-4.0	182.0
B384	29	GEO_Eqn_6.12b_nls09	1170	18.0	-171.0	3.0	-35.0	-5.0	201.0
B384	29	GEO_Eqn_6.12b_nls09	1462.5	18.0	-159.0	3.0	-35.0	-5.0	249.0
B384	29	GEO_Eqn_6.12b_nls09	1755	18.0	-146.0	3.0	-35.0	-6.0	293.0
B384	29	GEO_Eqn_6.12b_nls09	1755	21.0	17.0	0.4	-33.0	-7.0	294.0
B384	29	GEO_Eqn_6.12b_nls09	1950	21.0	25.0	0.4	-33.0	-7.0	290.0
B384	29	GEO_Eqn_6.12b_nls09	1950	13.0	58.0	-6.0	-31.0	-5.0	276.0
B384	29	GEO_Eqn_6.12b_nls09	2340	13.0	75.0	-6.0	-31.0	-3.0	250.0
B384	29	GEO_Eqn_6.12b_nls09	2340	3.0	299.0	-8.0	-29.0	4.0	238.0
B384	29	GEO_Eqn_6.12b_nls09	2632.5	3.0	311.0	-8.0	-29.0	7.0	149.0
B384	29	GEO_Eqn_6.12b_nls09	2925	3.0	324.0	-8.0	-29.0	9.0	56.0
B384	29	GEO_Eqn_6.12b_nls09	2925	39.0	-186.0	3.0	-28.0	5.0	55.0
B384	29	GEO_Eqn_6.12b_nls09	3420	39.0	-165.0	3.0	-28.0	4.0	142.0
B384	29	GEO_Eqn_6.12b_nls09	3420	23.0	-4.0	7.0	-26.0	0.3	147.0
B384	29	GEO_Eqn_6.12b_nls09	3915	23.0	17.0	7.0	-26.0	-3.0	143.0
B384	29	GEO_Eqn_6.12b_nls09	3915	4.0	77.0	1.0	-24.0	-6.0	135.0
B384	29	GEO_Eqn_6.12b_nls09	4162.5	4.0	88.0	1.0	-24.0	-6.0	115.0
B384	29	GEO_Eqn_6.12b_nls09	4162.5	5.0	88.0	-1.0	-19.0	-6.0	78.0
B384	29	GEO_Eqn_6.12b_nls09	4410	5.0	98.0	-1.0	-19.0	-6.0	55.0
B384	29	GEO_Eqn_6.12b_nls09	4410	-20.0	394.0	-8.0	-17.0	-3.0	37.0
B384	29	GEO_Eqn_6.12b_nls09	4905	-20.0	415.0	-8.0	-17.0	1.0	-164.0
B384	29	GEO_Eqn_6.12b_nls09	4905	-46.0	586.0	-2.0	-14.0	4.0	-184.0
B384	29	GEO_Eqn_6.12b_nls09	5400	-46.0	607.0	-2.0	-14.0	5.0	-480.0
B384	29	GEO_Eqn_6.12b_nls09	5400	122.0	-676.0	-3.0	194.0	-3.0	-456.0
B384	29	GEO_Eqn_6.12b_nls09	5700	122.0	-663.0	-3.0	194.0	-2.0	-255.0
B384	29	GEO_Eqn_6.12b_nls09	6000	122.0	-650.0	-3.0	194.0	-2.0	-58.0
B384	29	GEO_Eqn_6.12b_nls09	6000	115.0	-377.0	-1.0	195.0	-0.4	-24.0
B384	29	GEO_Eqn_6.12b_nls09	6480	115.0	-357.0	-1.0	195.0	0.0	152.0
B384	29	GEO_Eqn_6.12b_nls09	6480	118.0	-65.0	-0.2	190.0	-0.4	213.0
B384	29	GEO_Eqn_6.12b_nls09	6600	118.0	-60.0	-0.2	190.0	-0.4	221.0
B384	29	GEO_Eqn_6.12b_nls09	6600	107.0	-258.0	-2.0	189.0	0.0	229.0
B384	29	GEO_Eqn_6.12b_nls09	6900	107.0	-246.0	-2.0	189.0	1.0	305.0
B384	29	GEO_Eqn_6.12b_nls09	7200	107.0	-233.0	-2.0	189.0	1.0	377.0
B384	29	GEO_Eqn_6.12b_nls09	7200	84.0	-81.0	-0.3	188.0	1.0	387.0
B384	29	GEO_Eqn_6.12b_nls09	7560	84.0	-66.0	-0.3	188.0	1.0	414.0
B384	29	GEO_Eqn_6.12b_nls09	7560	87.0	-35.0	-1.0	177.0	1.0	429.0
B384	29	GEO_Eqn_6.12b_nls09	7800	87.0	-25.0	-1.0	177.0	1.0	436.0
B384	29	GEO_Eqn_6.12b_nls09	7800	48.0	40.0	-0.5	174.0	1.0	440.0
B384	29	GEO_Eqn_6.12b_nls09	8100	48.0	53.0	-0.5	174.0	2.0	426.0
B384	29	GEO_Eqn_6.12b_nls09	8400	48.0	66.0	-0.5	174.0	2.0	408.0
B384	29	GEO_Eqn_6.12b_nls09	8400	-8.0	73.0	1.0	173.0	2.0	403.0
B384	29	GEO_Eqn_6.12b_nls09	8640	-8.0	84.0	1.0	173.0	1.0	384.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls09	8640	-6.0	137.0	-1.0	162.0	1.0	346.0
B384	29	GEO_Eqn_6.12b_nls09	9000	-6.0	153.0	-1.0	162.0	1.0	294.0
B384	29	GEO_Eqn_6.12b_nls09	9000	-76.0	357.0	1.0	162.0	1.0	282.0
B384	29	GEO_Eqn_6.12b_nls09	9300	-76.0	370.0	1.0	162.0	1.0	173.0
B384	29	GEO_Eqn_6.12b_nls09	9600	-76.0	383.0	1.0	162.0	1.0	60.0
B384	29	GEO_Eqn_6.12b_nls09	9600	-155.0	87.0	1.0	162.0	0.3	54.0
B384	29	GEO_Eqn_6.12b_nls09	9720	-155.0	92.0	1.0	162.0	0.2	43.0
B384	29	GEO_Eqn_6.12b_nls09	9720	-155.0	511.0	1.0	157.0	-1.0	-43.0
B384	29	GEO_Eqn_6.12b_nls09	10200	-155.0	532.0	1.0	157.0	-1.0	-294.0
B384	29	GEO_Eqn_6.12b_nls09	10200	-240.0	883.0	4.0	160.0	-1.0	-318.0
B384	29	GEO_Eqn_6.12b_nls09	10500	-240.0	896.0	4.0	160.0	-2.0	-585.0
B384	29	GEO_Eqn_6.12b_nls09	10800	-240.0	909.0	4.0	160.0	-3.0	-856.0
B384	29	GEO_Eqn_6.12b_nls10	0	-211.0	-832.0	1.0	-100.0	4.0	60.0
B384	29	GEO_Eqn_6.12b_nls10	292.5	-211.0	-819.0	1.0	-100.0	3.0	302.0
B384	29	GEO_Eqn_6.12b_nls10	585	-211.0	-807.0	1.0	-100.0	3.0	540.0
B384	29	GEO_Eqn_6.12b_nls10	585	-92.0	-252.0	4.0	-95.0	0.3	570.0
B384	29	GEO_Eqn_6.12b_nls10	975	-92.0	-236.0	4.0	-95.0	-1.0	665.0
B384	29	GEO_Eqn_6.12b_nls10	975	-79.0	-103.0	0.0	-90.0	-3.0	719.0
B384	29	GEO_Eqn_6.12b_nls10	1170	-79.0	-94.0	0.0	-90.0	-3.0	738.0
B384	29	GEO_Eqn_6.12b_nls10	1170	25.0	-7.0	2.0	-86.0	-3.0	745.0
B384	29	GEO_Eqn_6.12b_nls10	1462.5	25.0	5.0	2.0	-86.0	-4.0	746.0
B384	29	GEO_Eqn_6.12b_nls10	1755	25.0	18.0	2.0	-86.0	-4.0	742.0
B384	29	GEO_Eqn_6.12b_nls10	1755	101.0	77.0	0.4	-82.0	-5.0	728.0
B384	29	GEO_Eqn_6.12b_nls10	1950	101.0	85.0	0.4	-82.0	-5.0	712.0
B384	29	GEO_Eqn_6.12b_nls10	1950	108.0	194.0	-4.0	-77.0	-3.0	666.0
B384	29	GEO_Eqn_6.12b_nls10	2340	108.0	210.0	-4.0	-77.0	-1.0	587.0
B384	29	GEO_Eqn_6.12b_nls10	2340	168.0	506.0	-3.0	-72.0	3.0	556.0
B384	29	GEO_Eqn_6.12b_nls10	2632.5	168.0	519.0	-3.0	-72.0	4.0	406.0
B384	29	GEO_Eqn_6.12b_nls10	2925	168.0	531.0	-3.0	-72.0	5.0	252.0
B384	29	GEO_Eqn_6.12b_nls10	2925	-60.0	-106.0	0.3	-58.0	3.0	240.0
B384	29	GEO_Eqn_6.12b_nls10	3420	-60.0	-85.0	0.3	-58.0	3.0	287.0
B384	29	GEO_Eqn_6.12b_nls10	3420	-31.0	96.0	6.0	-55.0	1.0	286.0
B384	29	GEO_Eqn_6.12b_nls10	3915	-31.0	117.0	6.0	-55.0	-2.0	233.0
B384	29	GEO_Eqn_6.12b_nls10	3915	-6.0	124.0	1.0	-51.0	-4.0	214.0
B384	29	GEO_Eqn_6.12b_nls10	4162.5	-6.0	135.0	1.0	-51.0	-4.0	182.0
B384	29	GEO_Eqn_6.12b_nls10	4162.5	12.0	135.0	-1.0	-43.0	-5.0	126.0
B384	29	GEO_Eqn_6.12b_nls10	4410	12.0	146.0	-1.0	-43.0	-4.0	91.0
B384	29	GEO_Eqn_6.12b_nls10	4410	33.0	510.0	-6.0	-39.0	-2.0	62.0
B384	29	GEO_Eqn_6.12b_nls10	4905	33.0	531.0	-6.0	-39.0	1.0	-196.0
B384	29	GEO_Eqn_6.12b_nls10	4905	55.0	705.0	-0.4	-36.0	3.0	-224.0
B384	29	GEO_Eqn_6.12b_nls10	5400	55.0	726.0	-0.4	-36.0	3.0	-578.0
B384	29	GEO_Eqn_6.12b_nls10	5400	-211.0	-708.0	-1.0	379.0	-2.0	-570.0
B384	29	GEO_Eqn_6.12b_nls10	5700	-211.0	-696.0	-1.0	379.0	-1.0	-359.0
B384	29	GEO_Eqn_6.12b_nls10	6000	-211.0	-683.0	-1.0	379.0	-1.0	-152.0
B384	29	GEO_Eqn_6.12b_nls10	6000	-144.0	-397.0	1.0	380.0	-1.0	-121.0
B384	29	GEO_Eqn_6.12b_nls10	6480	-144.0	-377.0	1.0	380.0	-2.0	65.0
B384	29	GEO_Eqn_6.12b_nls10	6480	-135.0	-69.0	-0.2	377.0	-2.0	131.0
B384	29	GEO_Eqn_6.12b_nls10	6600	-135.0	-64.0	-0.2	377.0	-2.0	138.0
B384	29	GEO_Eqn_6.12b_nls10	6600	-68.0	-280.0	-2.0	377.0	-2.0	144.0
B384	29	GEO_Eqn_6.12b_nls10	6900	-68.0	-268.0	-2.0	377.0	-1.0	226.0
B384	29	GEO_Eqn_6.12b_nls10	7200	-68.0	-255.0	-2.0	377.0	-0.3	304.0
B384	29	GEO_Eqn_6.12b_nls10	7200	-9.0	-97.0	-0.3	377.0	0.0	313.0
B384	29	GEO_Eqn_6.12b_nls10	7560	-9.0	-82.0	-0.3	377.0	0.1	345.0
B384	29	GEO_Eqn_6.12b_nls10	7560	-7.0	-45.0	-2.0	366.0	1.0	364.0
B384	29	GEO_Eqn_6.12b_nls10	7800	-7.0	-35.0	-2.0	366.0	1.0	374.0
B384	29	GEO_Eqn_6.12b_nls10	7800	40.0	6.0	-2.0	365.0	2.0	374.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls10	8100	40.0	19.0	-2.0	365.0	2.0	371.0
B384	29	GEO_Eqn_6.12b_nls10	8400	40.0	32.0	-2.0	365.0	3.0	363.0
B384	29	GEO_Eqn_6.12b_nls10	8400	74.0	50.0	1.0	364.0	2.0	356.0
B384	29	GEO_Eqn_6.12b_nls10	8640	74.0	60.0	1.0	364.0	2.0	343.0
B384	29	GEO_Eqn_6.12b_nls10	8640	71.0	101.0	-1.0	355.0	3.0	314.0
B384	29	GEO_Eqn_6.12b_nls10	9000	71.0	117.0	-1.0	355.0	3.0	275.0
B384	29	GEO_Eqn_6.12b_nls10	9000	94.0	271.0	2.0	356.0	3.0	262.0
B384	29	GEO_Eqn_6.12b_nls10	9300	94.0	284.0	2.0	356.0	2.0	179.0
B384	29	GEO_Eqn_6.12b_nls10	9600	94.0	297.0	2.0	356.0	2.0	92.0
B384	29	GEO_Eqn_6.12b_nls10	9600	107.0	66.0	1.0	357.0	2.0	84.0
B384	29	GEO_Eqn_6.12b_nls10	9720	107.0	71.0	1.0	357.0	1.0	76.0
B384	29	GEO_Eqn_6.12b_nls10	9720	105.0	394.0	5.0	353.0	1.0	9.0
B384	29	GEO_Eqn_6.12b_nls10	10200	105.0	414.0	5.0	353.0	-1.0	-185.0
B384	29	GEO_Eqn_6.12b_nls10	10200	118.0	668.0	9.0	358.0	-1.0	-207.0
B384	29	GEO_Eqn_6.12b_nls10	10500	118.0	681.0	9.0	358.0	-4.0	-410.0
B384	29	GEO_Eqn_6.12b_nls10	10800	118.0	694.0	9.0	358.0	-7.0	-616.0
B384	29	GEO_Eqn_6.12b_nls11	0	174.0	8.0	-17.0	-59.0	-17.0	-284.0
B384	29	GEO_Eqn_6.12b_nls11	292.5	174.0	21.0	-17.0	-59.0	-12.0	-288.0
B384	29	GEO_Eqn_6.12b_nls11	585	174.0	33.0	-17.0	-59.0	-7.0	-296.0
B384	29	GEO_Eqn_6.12b_nls11	585	77.0	-31.0	-8.0	-56.0	4.0	-289.0
B384	29	GEO_Eqn_6.12b_nls11	975	77.0	-15.0	-8.0	-56.0	7.0	-280.0
B384	29	GEO_Eqn_6.12b_nls11	975	61.0	-7.0	-0.3	-55.0	9.0	-276.0
B384	29	GEO_Eqn_6.12b_nls11	1170	61.0	1.0	-0.3	-55.0	9.0	-275.0
B384	29	GEO_Eqn_6.12b_nls11	1170	-21.0	-59.0	-1.0	-54.0	10.0	-271.0
B384	29	GEO_Eqn_6.12b_nls11	1462.5	-21.0	-46.0	-1.0	-54.0	10.0	-255.0
B384	29	GEO_Eqn_6.12b_nls11	1755	-21.0	-34.0	-1.0	-54.0	11.0	-244.0
B384	29	GEO_Eqn_6.12b_nls11	1755	-85.0	-26.0	-0.1	-52.0	11.0	-236.0
B384	29	GEO_Eqn_6.12b_nls11	1950	-85.0	-18.0	-0.1	-52.0	11.0	-231.0
B384	29	GEO_Eqn_6.12b_nls11	1950	-86.0	-42.0	8.0	-52.0	8.0	-222.0
B384	29	GEO_Eqn_6.12b_nls11	2340	-86.0	-25.0	8.0	-52.0	5.0	-209.0
B384	29	GEO_Eqn_6.12b_nls11	2340	-140.0	-56.0	17.0	-50.0	-8.0	-202.0
B384	29	GEO_Eqn_6.12b_nls11	2632.5	-140.0	-44.0	17.0	-50.0	-13.0	-188.0
B384	29	GEO_Eqn_6.12b_nls11	2925	-140.0	-31.0	17.0	-50.0	-18.0	-177.0
B384	29	GEO_Eqn_6.12b_nls11	2925	92.0	-79.0	-7.0	-45.0	-9.0	-173.0
B384	29	GEO_Eqn_6.12b_nls11	3420	92.0	-58.0	-7.0	-45.0	-6.0	-140.0
B384	29	GEO_Eqn_6.12b_nls11	3420	46.0	-67.0	-9.0	-43.0	1.0	-134.0
B384	29	GEO_Eqn_6.12b_nls11	3915	46.0	-46.0	-9.0	-43.0	5.0	-106.0
B384	29	GEO_Eqn_6.12b_nls11	3915	9.0	-29.0	-1.0	-43.0	9.0	-100.0
B384	29	GEO_Eqn_6.12b_nls11	4162.5	9.0	-19.0	-1.0	-43.0	9.0	-94.0
B384	29	GEO_Eqn_6.12b_nls11	4162.5	-18.0	-20.0	2.0	-43.0	10.0	-86.0
B384	29	GEO_Eqn_6.12b_nls11	4410	-18.0	-9.0	2.0	-43.0	9.0	-82.0
B384	29	GEO_Eqn_6.12b_nls11	4410	-52.0	-43.0	10.0	-42.0	5.0	-78.0
B384	29	GEO_Eqn_6.12b_nls11	4905	-52.0	-22.0	10.0	-42.0	0.3	-62.0
B384	29	GEO_Eqn_6.12b_nls11	4905	-81.0	-29.0	7.0	-42.0	-6.0	-60.0
B384	29	GEO_Eqn_6.12b_nls11	5400	-81.0	-8.0	7.0	-42.0	-9.0	-50.0
B384	29	GEO_Eqn_6.12b_nls11	5400	201.0	-92.0	-3.0	-258.0	-4.0	-38.0
B384	29	GEO_Eqn_6.12b_nls11	5700	201.0	-79.0	-3.0	-258.0	-3.0	-13.0
B384	29	GEO_Eqn_6.12b_nls11	6000	201.0	-66.0	-3.0	-258.0	-2.0	9.0
B384	29	GEO_Eqn_6.12b_nls11	6000	156.0	-68.0	-3.0	-259.0	0.0	16.0
B384	29	GEO_Eqn_6.12b_nls11	6480	156.0	-48.0	-3.0	-259.0	1.0	44.0
B384	29	GEO_Eqn_6.12b_nls11	6480	152.0	-9.0	0.0	-268.0	2.0	53.0
B384	29	GEO_Eqn_6.12b_nls11	6600	152.0	-4.0	0.0	-268.0	2.0	53.0
B384	29	GEO_Eqn_6.12b_nls11	6600	110.0	-60.0	-0.2	-272.0	2.0	56.0
B384	29	GEO_Eqn_6.12b_nls11	6900	110.0	-47.0	-0.2	-272.0	2.0	72.0
B384	29	GEO_Eqn_6.12b_nls11	7200	110.0	-35.0	-0.2	-272.0	2.0	84.0
B384	29	GEO_Eqn_6.12b_nls11	7200	66.0	-40.0	0.1	-275.0	2.0	90.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls11	7560	66.0	-25.0	0.1	-275.0	2.0	102.0
B384	29	GEO_Eqn_6.12b_nls11	7560	68.0	-7.0	0.0	-290.0	1.0	106.0
B384	29	GEO_Eqn_6.12b_nls11	7800	68.0	3.0	0.0	-290.0	1.0	106.0
B384	29	GEO_Eqn_6.12b_nls11	7800	18.0	-14.0	1.0	-296.0	1.0	108.0
B384	29	GEO_Eqn_6.12b_nls11	8100	18.0	-1.0	1.0	-296.0	1.0	110.0
B384	29	GEO_Eqn_6.12b_nls11	8400	18.0	12.0	1.0	-296.0	1.0	108.0
B384	29	GEO_Eqn_6.12b_nls11	8400	-38.0	-0.2	1.0	-301.0	1.0	111.0
B384	29	GEO_Eqn_6.12b_nls11	8640	-38.0	10.0	1.0	-301.0	0.4	110.0
B384	29	GEO_Eqn_6.12b_nls11	8640	-36.0	25.0	-0.1	-315.0	-0.2	101.0
B384	29	GEO_Eqn_6.12b_nls11	9000	-36.0	40.0	-0.1	-315.0	-0.2	89.0
B384	29	GEO_Eqn_6.12b_nls11	9000	-99.0	62.0	1.0	-319.0	-0.2	89.0
B384	29	GEO_Eqn_6.12b_nls11	9300	-99.0	75.0	1.0	-319.0	-0.4	68.0
B384	29	GEO_Eqn_6.12b_nls11	9600	-99.0	87.0	1.0	-319.0	-1.0	44.0
B384	29	GEO_Eqn_6.12b_nls11	9600	-169.0	16.0	0.2	-323.0	-1.0	47.0
B384	29	GEO_Eqn_6.12b_nls11	9720	-169.0	21.0	0.2	-323.0	-1.0	44.0
B384	29	GEO_Eqn_6.12b_nls11	9720	-168.0	120.0	-1.0	-332.0	-1.0	22.0
B384	29	GEO_Eqn_6.12b_nls11	10200	-168.0	141.0	-1.0	-332.0	-1.0	-41.0
B384	29	GEO_Eqn_6.12b_nls11	10200	-247.0	214.0	-0.4	-334.0	-1.0	-44.0
B384	29	GEO_Eqn_6.12b_nls11	10500	-247.0	226.0	-0.4	-334.0	-1.0	-110.0
B384	29	GEO_Eqn_6.12b_nls11	10800	-247.0	239.0	-0.4	-334.0	-1.0	-180.0
B384	29	GEO_Eqn_6.12b_nls12	0	4.0	-55.0	-23.0	-128.0	-22.0	313.0
B384	29	GEO_Eqn_6.12b_nls12	292.5	4.0	-43.0	-23.0	-128.0	-16.0	328.0
B384	29	GEO_Eqn_6.12b_nls12	585	4.0	-30.0	-23.0	-128.0	-9.0	338.0
B384	29	GEO_Eqn_6.12b_nls12	585	-11.0	43.0	-9.0	-122.0	5.0	336.0
B384	29	GEO_Eqn_6.12b_nls12	975	-11.0	60.0	-9.0	-122.0	9.0	316.0
B384	29	GEO_Eqn_6.12b_nls12	975	-12.0	27.0	-1.0	-118.0	11.0	301.0
B384	29	GEO_Eqn_6.12b_nls12	1170	-12.0	35.0	-1.0	-118.0	11.0	295.0
B384	29	GEO_Eqn_6.12b_nls12	1170	-14.0	109.0	-3.0	-113.0	13.0	287.0
B384	29	GEO_Eqn_6.12b_nls12	1462.5	-14.0	121.0	-3.0	-113.0	14.0	254.0
B384	29	GEO_Eqn_6.12b_nls12	1755	-14.0	134.0	-3.0	-113.0	14.0	216.0
B384	29	GEO_Eqn_6.12b_nls12	1755	-9.0	34.0	-0.1	-110.0	16.0	210.0
B384	29	GEO_Eqn_6.12b_nls12	1950	-9.0	43.0	-0.1	-110.0	16.0	202.0
B384	29	GEO_Eqn_6.12b_nls12	1950	7.0	95.0	11.0	-106.0	11.0	179.0
B384	29	GEO_Eqn_6.12b_nls12	2340	7.0	111.0	11.0	-106.0	7.0	139.0
B384	29	GEO_Eqn_6.12b_nls12	2340	20.0	153.0	24.0	-102.0	-10.0	126.0
B384	29	GEO_Eqn_6.12b_nls12	2632.5	20.0	166.0	24.0	-102.0	-17.0	80.0
B384	29	GEO_Eqn_6.12b_nls12	2925	20.0	178.0	24.0	-102.0	-24.0	29.0
B384	29	GEO_Eqn_6.12b_nls12	2925	8.0	33.0	-11.0	-87.0	-13.0	20.0
B384	29	GEO_Eqn_6.12b_nls12	3420	8.0	54.0	-11.0	-87.0	-8.0	-1.0
B384	29	GEO_Eqn_6.12b_nls12	3420	0.0	67.0	-12.0	-84.0	1.0	-3.0
B384	29	GEO_Eqn_6.12b_nls12	3915	-0.1	88.0	-12.0	-84.0	7.0	-42.0
B384	29	GEO_Eqn_6.12b_nls12	3915	1.0	32.0	-2.0	-83.0	12.0	-47.0
B384	29	GEO_Eqn_6.12b_nls12	4162.5	1.0	42.0	-2.0	-83.0	13.0	-57.0
B384	29	GEO_Eqn_6.12b_nls12	4162.5	-15.0	41.0	2.0	-79.0	13.0	-74.0
B384	29	GEO_Eqn_6.12b_nls12	4410	-15.0	52.0	2.0	-79.0	12.0	-86.0
B384	29	GEO_Eqn_6.12b_nls12	4410	-9.0	99.0	13.0	-77.0	7.0	-94.0
B384	29	GEO_Eqn_6.12b_nls12	4905	-9.0	120.0	13.0	-77.0	0.3	-149.0
B384	29	GEO_Eqn_6.12b_nls12	4905	8.0	106.0	9.0	-77.0	-8.0	-154.0
B384	29	GEO_Eqn_6.12b_nls12	5400	8.0	127.0	9.0	-77.0	-12.0	-212.0
B384	29	GEO_Eqn_6.12b_nls12	5400	-191.0	-131.0	-1.0	-78.0	-2.0	-216.0
B384	29	GEO_Eqn_6.12b_nls12	5700	-191.0	-118.0	-1.0	-78.0	-1.0	-178.0
B384	29	GEO_Eqn_6.12b_nls12	6000	-191.0	-105.0	-1.0	-78.0	-1.0	-145.0
B384	29	GEO_Eqn_6.12b_nls12	6000	-151.0	-102.0	-0.2	-78.0	-1.0	-139.0
B384	29	GEO_Eqn_6.12b_nls12	6480	-151.0	-82.0	-0.2	-78.0	-1.0	-95.0
B384	29	GEO_Eqn_6.12b_nls12	6480	-149.0	-15.0	-0.1	-86.0	-0.2	-81.0
B384	29	GEO_Eqn_6.12b_nls12	6600	-149.0	-10.0	-0.1	-86.0	-0.2	-79.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls12	6600	-100.0	-104.0	-0.4	-88.0	-0.1	-80.0
B384	29	GEO_Eqn_6.12b_nls12	6900	-100.0	-91.0	-0.4	-88.0	0.0	-51.0
B384	29	GEO_Eqn_6.12b_nls12	7200	-100.0	-78.0	-0.4	-88.0	0.1	-26.0
B384	29	GEO_Eqn_6.12b_nls12	7200	-47.0	-72.0	0.1	-91.0	0.1	-21.0
B384	29	GEO_Eqn_6.12b_nls12	7560	-47.0	-57.0	0.1	-91.0	0.1	2.0
B384	29	GEO_Eqn_6.12b_nls12	7560	-47.0	-29.0	-1.0	-106.0	1.0	15.0
B384	29	GEO_Eqn_6.12b_nls12	7800	-47.0	-18.0	-1.0	-106.0	1.0	21.0
B384	29	GEO_Eqn_6.12b_nls12	7800	8.0	-74.0	-1.0	-110.0	1.0	20.0
B384	29	GEO_Eqn_6.12b_nls12	8100	8.0	-61.0	-1.0	-110.0	1.0	40.0
B384	29	GEO_Eqn_6.12b_nls12	8400	8.0	-48.0	-1.0	-110.0	1.0	57.0
B384	29	GEO_Eqn_6.12b_nls12	8400	60.0	-35.0	0.3	-114.0	1.0	59.0
B384	29	GEO_Eqn_6.12b_nls12	8640	60.0	-25.0	0.3	-114.0	1.0	66.0
B384	29	GEO_Eqn_6.12b_nls12	8640	57.0	-29.0	-0.1	-128.0	2.0	71.0
B384	29	GEO_Eqn_6.12b_nls12	9000	57.0	-13.0	-0.1	-128.0	2.0	78.0
B384	29	GEO_Eqn_6.12b_nls12	9000	104.0	-49.0	1.0	-130.0	2.0	77.0
B384	29	GEO_Eqn_6.12b_nls12	9300	104.0	-36.0	1.0	-130.0	1.0	90.0
B384	29	GEO_Eqn_6.12b_nls12	9600	104.0	-23.0	1.0	-130.0	1.0	99.0
B384	29	GEO_Eqn_6.12b_nls12	9600	144.0	-9.0	0.3	-133.0	1.0	100.0
B384	29	GEO_Eqn_6.12b_nls12	9720	144.0	-4.0	0.4	-133.0	1.0	100.0
B384	29	GEO_Eqn_6.12b_nls12	9720	142.0	-16.0	3.0	-141.0	1.0	100.0
B384	29	GEO_Eqn_6.12b_nls12	10200	142.0	5.0	3.0	-141.0	-1.0	103.0
B384	29	GEO_Eqn_6.12b_nls12	10200	177.0	-20.0	5.0	-142.0	-1.0	101.0
B384	29	GEO_Eqn_6.12b_nls12	10500	177.0	-7.0	5.0	-142.0	-2.0	105.0
B384	29	GEO_Eqn_6.12b_nls12	10800	177.0	5.0	5.0	-142.0	-4.0	106.0
B384	29	GEO_Eqn_6.12b_nls13	0	39.0	-728.0	2.0	15.0	4.0	-705.0
B384	29	GEO_Eqn_6.12b_nls13	292.5	39.0	-715.0	2.0	15.0	3.0	-494.0
B384	29	GEO_Eqn_6.12b_nls13	585	39.0	-703.0	2.0	15.0	2.0	-287.0
B384	29	GEO_Eqn_6.12b_nls13	585	34.0	-346.0	3.0	17.0	-0.2	-243.0
B384	29	GEO_Eqn_6.12b_nls13	975	34.0	-329.0	3.0	17.0	-1.0	-112.0
B384	29	GEO_Eqn_6.12b_nls13	975	29.0	-146.0	0.1	19.0	-2.0	-34.0
B384	29	GEO_Eqn_6.12b_nls13	1170	29.0	-137.0	0.1	19.0	-2.0	-7.0
B384	29	GEO_Eqn_6.12b_nls13	1170	14.0	-236.0	1.0	20.0	-3.0	17.0
B384	29	GEO_Eqn_6.12b_nls13	1462.5	14.0	-224.0	1.0	20.0	-3.0	84.0
B384	29	GEO_Eqn_6.12b_nls13	1755	14.0	-211.0	1.0	20.0	-3.0	148.0
B384	29	GEO_Eqn_6.12b_nls13	1755	-15.0	-9.0	0.2	21.0	-4.0	155.0
B384	29	GEO_Eqn_6.12b_nls13	1950	-15.0	-1.0	0.2	21.0	-4.0	156.0
B384	29	GEO_Eqn_6.12b_nls13	1950	-24.0	-0.2	-3.0	22.0	-3.0	156.0
B384	29	GEO_Eqn_6.12b_nls13	2340	-24.0	16.0	-3.0	22.0	-1.0	153.0
B384	29	GEO_Eqn_6.12b_nls13	2340	-64.0	207.0	-4.0	24.0	3.0	149.0
B384	29	GEO_Eqn_6.12b_nls13	2632.5	-64.0	219.0	-4.0	24.0	4.0	87.0
B384	29	GEO_Eqn_6.12b_nls13	2925	-64.0	232.0	-4.0	24.0	5.0	21.0
B384	29	GEO_Eqn_6.12b_nls13	2925	102.0	-184.0	1.0	19.0	2.0	25.0
B384	29	GEO_Eqn_6.12b_nls13	3420	102.0	-163.0	1.0	19.0	2.0	111.0
B384	29	GEO_Eqn_6.12b_nls13	3420	57.0	-13.0	3.0	20.0	0.2	118.0
B384	29	GEO_Eqn_6.12b_nls13	3915	57.0	9.0	3.0	20.0	-1.0	119.0
B384	29	GEO_Eqn_6.12b_nls13	3915	10.0	67.0	1.0	22.0	-2.0	113.0
B384	29	GEO_Eqn_6.12b_nls13	4162.5	10.0	77.0	1.0	22.0	-3.0	95.0
B384	29	GEO_Eqn_6.12b_nls13	4162.5	-4.0	78.0	-1.0	25.0	-3.0	64.0
B384	29	GEO_Eqn_6.12b_nls13	4410	-4.0	88.0	-1.0	25.0	-3.0	43.0
B384	29	GEO_Eqn_6.12b_nls13	4410	-55.0	352.0	-4.0	27.0	-1.0	28.0
B384	29	GEO_Eqn_6.12b_nls13	4905	-55.0	373.0	-4.0	27.0	1.0	-151.0
B384	29	GEO_Eqn_6.12b_nls13	4905	-107.0	525.0	0.0	29.0	2.0	-168.0
B384	29	GEO_Eqn_6.12b_nls13	5400	-107.0	546.0	0.1	29.0	2.0	-433.0
B384	29	GEO_Eqn_6.12b_nls13	5400	245.0	-615.0	-4.0	112.0	-4.0	-415.0
B384	29	GEO_Eqn_6.12b_nls13	5700	245.0	-602.0	-4.0	112.0	-3.0	-233.0
B384	29	GEO_Eqn_6.12b_nls13	6000	245.0	-589.0	-4.0	112.0	-2.0	-54.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls13	6000	203.0	-345.0	-2.0	113.0	0.0	-21.0
B384	29	GEO_Eqn_6.12b_nls13	6480	203.0	-324.0	-2.0	113.0	1.0	139.0
B384	29	GEO_Eqn_6.12b_nls13	6480	202.0	-59.0	-0.2	107.0	1.0	195.0
B384	29	GEO_Eqn_6.12b_nls13	6600	202.0	-54.0	-0.2	107.0	1.0	202.0
B384	29	GEO_Eqn_6.12b_nls13	6600	159.0	-238.0	-1.0	106.0	1.0	211.0
B384	29	GEO_Eqn_6.12b_nls13	6900	159.0	-225.0	-1.0	106.0	1.0	281.0
B384	29	GEO_Eqn_6.12b_nls13	7200	159.0	-212.0	-1.0	106.0	2.0	346.0
B384	29	GEO_Eqn_6.12b_nls13	7200	106.0	-76.0	-0.2	104.0	2.0	358.0
B384	29	GEO_Eqn_6.12b_nls13	7560	106.0	-61.0	-0.2	104.0	2.0	382.0
B384	29	GEO_Eqn_6.12b_nls13	7560	109.0	-31.0	-1.0	92.0	1.0	396.0
B384	29	GEO_Eqn_6.12b_nls13	7800	109.0	-21.0	-1.0	92.0	1.0	403.0
B384	29	GEO_Eqn_6.12b_nls13	7800	42.0	39.0	0.2	89.0	2.0	407.0
B384	29	GEO_Eqn_6.12b_nls13	8100	42.0	52.0	0.2	89.0	1.0	393.0
B384	29	GEO_Eqn_6.12b_nls13	8400	42.0	64.0	0.2	89.0	1.0	376.0
B384	29	GEO_Eqn_6.12b_nls13	8400	-41.0	71.0	1.0	86.0	1.0	372.0
B384	29	GEO_Eqn_6.12b_nls13	8640	-41.0	81.0	1.0	86.0	1.0	354.0
B384	29	GEO_Eqn_6.12b_nls13	8640	-37.0	133.0	-1.0	75.0	0.3	317.0
B384	29	GEO_Eqn_6.12b_nls13	9000	-37.0	148.0	-1.0	75.0	0.5	267.0
B384	29	GEO_Eqn_6.12b_nls13	9000	-133.0	349.0	1.0	74.0	0.5	256.0
B384	29	GEO_Eqn_6.12b_nls13	9300	-133.0	362.0	1.0	74.0	0.2	150.0
B384	29	GEO_Eqn_6.12b_nls13	9600	-133.0	375.0	1.0	74.0	-0.1	39.0
B384	29	GEO_Eqn_6.12b_nls13	9600	-237.0	86.0	0.4	73.0	-0.3	35.0
B384	29	GEO_Eqn_6.12b_nls13	9720	-237.0	91.0	0.4	73.0	-0.4	24.0
B384	29	GEO_Eqn_6.12b_nls13	9720	-236.0	505.0	-0.5	67.0	-1.0	-61.0
B384	29	GEO_Eqn_6.12b_nls13	10200	-236.0	525.0	-0.5	67.0	-1.0	-308.0
B384	29	GEO_Eqn_6.12b_nls13	10200	-348.0	880.0	2.0	68.0	-1.0	-331.0
B384	29	GEO_Eqn_6.12b_nls13	10500	-348.0	893.0	2.0	68.0	-2.0	-597.0
B384	29	GEO_Eqn_6.12b_nls13	10800	-348.0	906.0	2.0	68.0	-2.0	-867.0
B384	29	GEO_Eqn_6.12b_nls14	0	-124.0	-790.0	-1.0	-41.0	1.0	-153.0
B384	29	GEO_Eqn_6.12b_nls14	292.5	-124.0	-778.0	-1.0	-41.0	1.0	76.0
B384	29	GEO_Eqn_6.12b_nls14	585	-124.0	-765.0	-1.0	-41.0	2.0	302.0
B384	29	GEO_Eqn_6.12b_nls14	585	-50.0	-273.0	2.0	-36.0	1.0	336.0
B384	29	GEO_Eqn_6.12b_nls14	975	-50.0	-256.0	2.0	-36.0	0.0	439.0
B384	29	GEO_Eqn_6.12b_nls14	975	-42.0	-112.0	-0.1	-32.0	-1.0	498.0
B384	29	GEO_Eqn_6.12b_nls14	1170	-42.0	-104.0	0.0	-32.0	-1.0	519.0
B384	29	GEO_Eqn_6.12b_nls14	1170	20.0	-70.0	1.0	-28.0	-1.0	531.0
B384	29	GEO_Eqn_6.12b_nls14	1462.5	20.0	-57.0	1.0	-28.0	-2.0	549.0
B384	29	GEO_Eqn_6.12b_nls14	1755	20.0	-45.0	1.0	-28.0	-2.0	564.0
B384	29	GEO_Eqn_6.12b_nls14	1755	60.0	51.0	0.3	-24.0	-3.0	556.0
B384	29	GEO_Eqn_6.12b_nls14	1950	60.0	60.0	0.3	-24.0	-3.0	545.0
B384	29	GEO_Eqn_6.12b_nls14	1950	63.0	135.0	-2.0	-20.0	-1.0	513.0
B384	29	GEO_Eqn_6.12b_nls14	2340	63.0	152.0	-2.0	-20.0	-0.2	457.0
B384	29	GEO_Eqn_6.12b_nls14	2340	89.0	410.0	-0.4	-15.0	2.0	434.0
B384	29	GEO_Eqn_6.12b_nls14	2632.5	89.0	423.0	-0.4	-15.0	2.0	312.0
B384	29	GEO_Eqn_6.12b_nls14	2925	89.0	435.0	-0.4	-15.0	2.0	187.0
B384	29	GEO_Eqn_6.12b_nls14	2925	-3.0	-121.0	-1.0	-5.0	0.2	180.0
B384	29	GEO_Eqn_6.12b_nls14	3420	-3.0	-100.0	-1.0	-5.0	1.0	235.0
B384	29	GEO_Eqn_6.12b_nls14	3420	-1.0	66.0	2.0	-3.0	1.0	236.0
B384	29	GEO_Eqn_6.12b_nls14	3915	-1.0	87.0	2.0	-3.0	-0.4	198.0
B384	29	GEO_Eqn_6.12b_nls14	3915	-1.0	104.0	1.0	1.0	-1.0	184.0
B384	29	GEO_Eqn_6.12b_nls14	4162.5	-1.0	114.0	1.0	1.0	-1.0	157.0
B384	29	GEO_Eqn_6.12b_nls14	4162.5	5.0	115.0	-1.0	8.0	-2.0	109.0
B384	29	GEO_Eqn_6.12b_nls14	4410	5.0	125.0	-1.0	8.0	-1.0	80.0
B384	29	GEO_Eqn_6.12b_nls14	4410	2.0	444.0	-3.0	12.0	-1.0	55.0
B384	29	GEO_Eqn_6.12b_nls14	4905	2.0	465.0	-3.0	12.0	1.0	-170.0
B384	29	GEO_Eqn_6.12b_nls14	4905	-0.1	624.0	1.0	15.0	1.0	-194.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls14	5400	-0.1	645.0	1.0	15.0	0.2	-508.0
B384	29	GEO_Eqn_6.12b_nls14	5400	-73.0	-641.0	-3.0	289.0	-4.0	-505.0
B384	29	GEO_Eqn_6.12b_nls14	5700	-73.0	-629.0	-3.0	289.0	-3.0	-314.0
B384	29	GEO_Eqn_6.12b_nls14	6000	-73.0	-616.0	-3.0	289.0	-2.0	-128.0
B384	29	GEO_Eqn_6.12b_nls14	6000	-43.0	-358.0	-1.0	290.0	-1.0	-98.0
B384	29	GEO_Eqn_6.12b_nls14	6480	-43.0	-338.0	-1.0	290.0	-0.5	69.0
B384	29	GEO_Eqn_6.12b_nls14	6480	-38.0	-62.0	-0.2	286.0	-0.5	128.0
B384	29	GEO_Eqn_6.12b_nls14	6600	-38.0	-57.0	-0.2	286.0	-0.4	135.0
B384	29	GEO_Eqn_6.12b_nls14	6600	-6.0	-250.0	-1.0	286.0	-0.2	141.0
B384	29	GEO_Eqn_6.12b_nls14	6900	-6.0	-238.0	-1.0	286.0	0.3	214.0
B384	29	GEO_Eqn_6.12b_nls14	7200	-7.0	-225.0	-1.0	286.0	1.0	283.0
B384	29	GEO_Eqn_6.12b_nls14	7200	18.0	-86.0	-0.1	285.0	1.0	292.0
B384	29	GEO_Eqn_6.12b_nls14	7560	18.0	-71.0	-0.1	285.0	1.0	320.0
B384	29	GEO_Eqn_6.12b_nls14	7560	19.0	-38.0	-1.0	274.0	1.0	337.0
B384	29	GEO_Eqn_6.12b_nls14	7800	19.0	-28.0	-1.0	274.0	1.0	344.0
B384	29	GEO_Eqn_6.12b_nls14	7800	33.0	14.0	-1.0	271.0	2.0	346.0
B384	29	GEO_Eqn_6.12b_nls14	8100	33.0	27.0	-1.0	271.0	2.0	340.0
B384	29	GEO_Eqn_6.12b_nls14	8400	33.0	40.0	-1.0	271.0	2.0	330.0
B384	29	GEO_Eqn_6.12b_nls14	8400	36.0	51.0	1.0	270.0	2.0	324.0
B384	29	GEO_Eqn_6.12b_nls14	8640	36.0	62.0	1.0	270.0	2.0	311.0
B384	29	GEO_Eqn_6.12b_nls14	8640	35.0	103.0	-1.0	260.0	2.0	281.0
B384	29	GEO_Eqn_6.12b_nls14	9000	35.0	119.0	-1.0	260.0	2.0	241.0
B384	29	GEO_Eqn_6.12b_nls14	9000	27.0	273.0	2.0	260.0	2.0	230.0
B384	29	GEO_Eqn_6.12b_nls14	9300	27.0	285.0	2.0	260.0	2.0	146.0
B384	29	GEO_Eqn_6.12b_nls14	9600	27.0	298.0	2.0	260.0	1.0	59.0
B384	29	GEO_Eqn_6.12b_nls14	9600	12.0	66.0	1.0	260.0	1.0	52.0
B384	29	GEO_Eqn_6.12b_nls14	9720	12.0	71.0	1.0	260.0	1.0	44.0
B384	29	GEO_Eqn_6.12b_nls14	9720	11.0	397.0	3.0	255.0	0.4	-24.0
B384	29	GEO_Eqn_6.12b_nls14	10200	11.0	417.0	3.0	255.0	-1.0	-219.0
B384	29	GEO_Eqn_6.12b_nls14	10200	-5.0	679.0	7.0	258.0	-1.0	-241.0
B384	29	GEO_Eqn_6.12b_nls14	10500	-5.0	692.0	7.0	258.0	-3.0	-446.0
B384	29	GEO_Eqn_6.12b_nls14	10800	-5.0	704.0	7.0	258.0	-5.0	-656.0
B384	29	GEO_Eqn_6.12b_nls15	0	119.0	-10.0	-15.0	-118.0	-15.0	-120.0
B384	29	GEO_Eqn_6.12b_nls15	292.5	119.0	2.0	-15.0	-118.0	-10.0	-119.0
B384	29	GEO_Eqn_6.12b_nls15	585	119.0	14.0	-15.0	-118.0	-6.0	-121.0
B384	29	GEO_Eqn_6.12b_nls15	585	49.0	-5.0	-6.0	-114.0	4.0	-118.0
B384	29	GEO_Eqn_6.12b_nls15	975	49.0	11.0	-6.0	-114.0	6.0	-119.0
B384	29	GEO_Eqn_6.12b_nls15	975	37.0	5.0	-0.2	-113.0	8.0	-121.0
B384	29	GEO_Eqn_6.12b_nls15	1170	37.0	13.0	-0.2	-113.0	8.0	-123.0
B384	29	GEO_Eqn_6.12b_nls15	1170	-18.0	4.0	-1.0	-111.0	8.0	-123.0
B384	29	GEO_Eqn_6.12b_nls15	1462.5	-18.0	17.0	-1.0	-111.0	9.0	-126.0
B384	29	GEO_Eqn_6.12b_nls15	1755	-18.0	29.0	-1.0	-111.0	9.0	-132.0
B384	29	GEO_Eqn_6.12b_nls15	1755	-58.0	-2.0	0.1	-109.0	9.0	-130.0
B384	29	GEO_Eqn_6.12b_nls15	1950	-58.0	7.0	0.1	-109.0	9.0	-131.0
B384	29	GEO_Eqn_6.12b_nls15	1950	-58.0	13.0	6.0	-108.0	6.0	-134.0
B384	29	GEO_Eqn_6.12b_nls15	2340	-58.0	30.0	6.0	-108.0	4.0	-143.0
B384	29	GEO_Eqn_6.12b_nls15	2340	-87.0	30.0	14.0	-106.0	-6.0	-144.0
B384	29	GEO_Eqn_6.12b_nls15	2632.5	-87.0	42.0	14.0	-106.0	-11.0	-154.0
B384	29	GEO_Eqn_6.12b_nls15	2925	-87.0	55.0	14.0	-106.0	-15.0	-169.0
B384	29	GEO_Eqn_6.12b_nls15	2925	35.0	-73.0	-6.0	-96.0	-7.0	-170.0
B384	29	GEO_Eqn_6.12b_nls15	3420	35.0	-52.0	-6.0	-96.0	-4.0	-139.0
B384	29	GEO_Eqn_6.12b_nls15	3420	14.0	-51.0	-6.0	-94.0	1.0	-136.0
B384	29	GEO_Eqn_6.12b_nls15	3915	14.0	-30.0	-6.0	-94.0	4.0	-116.0
B384	29	GEO_Eqn_6.12b_nls15	3915	2.0	-17.0	-1.0	-94.0	7.0	-112.0
B384	29	GEO_Eqn_6.12b_nls15	4162.5	2.0	-6.0	-1.0	-94.0	7.0	-109.0
B384	29	GEO_Eqn_6.12b_nls15	4162.5	-12.0	-7.0	1.0	-93.0	7.0	-107.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls15	4410	-12.0	4.0	1.0	-93.0	7.0	-106.0
B384	29	GEO_Eqn_6.12b_nls15	4410	-21.0	2.0	7.0	-92.0	4.0	-106.0
B384	29	GEO_Eqn_6.12b_nls15	4905	-21.0	23.0	7.0	-92.0	0.3	-112.0
B384	29	GEO_Eqn_6.12b_nls15	4905	-23.0	30.0	5.0	-91.0	-4.0	-113.0
B384	29	GEO_Eqn_6.12b_nls15	5400	-23.0	51.0	5.0	-91.0	-7.0	-133.0
B384	29	GEO_Eqn_6.12b_nls15	5400	29.0	-159.0	-2.0	-221.0	-2.0	-120.0
B384	29	GEO_Eqn_6.12b_nls15	5700	29.0	-146.0	-2.0	-221.0	-2.0	-74.0
B384	29	GEO_Eqn_6.12b_nls15	6000	29.0	-134.0	-2.0	-221.0	-2.0	-32.0
B384	29	GEO_Eqn_6.12b_nls15	6000	27.0	-109.0	-1.0	-221.0	-0.5	-24.0
B384	29	GEO_Eqn_6.12b_nls15	6480	27.0	-89.0	-1.0	-221.0	0.1	24.0
B384	29	GEO_Eqn_6.12b_nls15	6480	27.0	-17.0	-0.1	-230.0	1.0	39.0
B384	29	GEO_Eqn_6.12b_nls15	6600	27.0	-11.0	-0.1	-230.0	1.0	41.0
B384	29	GEO_Eqn_6.12b_nls15	6600	28.0	-93.0	-1.0	-233.0	1.0	42.0
B384	29	GEO_Eqn_6.12b_nls15	6900	28.0	-80.0	-1.0	-233.0	1.0	68.0
B384	29	GEO_Eqn_6.12b_nls15	7200	28.0	-68.0	-0.5	-233.0	1.0	90.0
B384	29	GEO_Eqn_6.12b_nls15	7200	25.0	-53.0	0.0	-236.0	1.0	96.0
B384	29	GEO_Eqn_6.12b_nls15	7560	25.0	-37.0	0.0	-236.0	1.0	112.0
B384	29	GEO_Eqn_6.12b_nls15	7560	26.0	-15.0	-0.4	-251.0	1.0	120.0
B384	29	GEO_Eqn_6.12b_nls15	7800	26.0	-5.0	-0.4	-251.0	1.0	122.0
B384	29	GEO_Eqn_6.12b_nls15	7800	19.0	-21.0	0.1	-256.0	1.0	123.0
B384	29	GEO_Eqn_6.12b_nls15	8100	19.0	-8.0	0.1	-256.0	1.0	127.0
B384	29	GEO_Eqn_6.12b_nls15	8400	19.0	4.0	0.1	-256.0	1.0	128.0
B384	29	GEO_Eqn_6.12b_nls15	8400	6.0	1.0	0.5	-260.0	1.0	129.0
B384	29	GEO_Eqn_6.12b_nls15	8640	6.0	12.0	0.5	-260.0	1.0	127.0
B384	29	GEO_Eqn_6.12b_nls15	8640	6.0	27.0	-0.1	-274.0	1.0	117.0
B384	29	GEO_Eqn_6.12b_nls15	9000	6.0	43.0	-0.1	-274.0	1.0	105.0
B384	29	GEO_Eqn_6.12b_nls15	9000	-15.0	77.0	1.0	-277.0	1.0	102.0
B384	29	GEO_Eqn_6.12b_nls15	9300	-15.0	90.0	1.0	-277.0	0.4	77.0
B384	29	GEO_Eqn_6.12b_nls15	9600	-15.0	103.0	1.0	-277.0	0.1	48.0
B384	29	GEO_Eqn_6.12b_nls15	9600	-43.0	20.0	0.3	-280.0	0.0	48.0
B384	29	GEO_Eqn_6.12b_nls15	9720	-43.0	25.0	0.3	-280.0	0.0	45.0
B384	29	GEO_Eqn_6.12b_nls15	9720	-43.0	144.0	1.0	-288.0	-0.3	19.0
B384	29	GEO_Eqn_6.12b_nls15	10200	-43.0	165.0	1.0	-288.0	-1.0	-56.0
B384	29	GEO_Eqn_6.12b_nls15	10200	-76.0	257.0	2.0	-290.0	-1.0	-62.0
B384	29	GEO_Eqn_6.12b_nls15	10500	-76.0	270.0	2.0	-290.0	-1.0	-141.0
B384	29	GEO_Eqn_6.12b_nls15	10800	-76.0	282.0	2.0	-290.0	-2.0	-224.0
B384	29	GEO_Eqn_6.12b_nls16	0	-74.0	-75.0	-22.0	-187.0	-21.0	514.0
B384	29	GEO_Eqn_6.12b_nls16	292.5	-74.0	-63.0	-22.0	-187.0	-15.0	535.0
B384	29	GEO_Eqn_6.12b_nls16	585	-74.0	-51.0	-22.0	-187.0	-8.0	551.0
B384	29	GEO_Eqn_6.12b_nls16	585	-52.0	73.0	-8.0	-181.0	5.0	544.0
B384	29	GEO_Eqn_6.12b_nls16	975	-52.0	89.0	-8.0	-181.0	8.0	513.0
B384	29	GEO_Eqn_6.12b_nls16	975	-46.0	40.0	-1.0	-176.0	10.0	490.0
B384	29	GEO_Eqn_6.12b_nls16	1170	-46.0	49.0	-1.0	-176.0	10.0	482.0
B384	29	GEO_Eqn_6.12b_nls16	1170	-12.0	178.0	-3.0	-171.0	12.0	469.0
B384	29	GEO_Eqn_6.12b_nls16	1462.5	-12.0	190.0	-3.0	-171.0	12.0	415.0
B384	29	GEO_Eqn_6.12b_nls16	1755	-12.0	203.0	-2.0	-171.0	13.0	358.0
B384	29	GEO_Eqn_6.12b_nls16	1755	28.0	60.0	0.0	-168.0	14.0	344.0
B384	29	GEO_Eqn_6.12b_nls16	1950	28.0	69.0	0.0	-168.0	14.0	332.0
B384	29	GEO_Eqn_6.12b_nls16	1950	48.0	153.0	10.0	-163.0	10.0	295.0
B384	29	GEO_Eqn_6.12b_nls16	2340	48.0	170.0	10.0	-163.0	7.0	232.0
B384	29	GEO_Eqn_6.12b_nls16	2340	95.0	245.0	23.0	-158.0	-9.0	211.0
B384	29	GEO_Eqn_6.12b_nls16	2632.5	95.0	257.0	23.0	-158.0	-16.0	137.0
B384	29	GEO_Eqn_6.12b_nls16	2925	95.0	269.0	23.0	-158.0	-23.0	60.0
B384	29	GEO_Eqn_6.12b_nls16	2925	-59.0	44.0	-10.0	-139.0	-11.0	45.0
B384	29	GEO_Eqn_6.12b_nls16	3420	-59.0	65.0	-10.0	-139.0	-6.0	18.0
B384	29	GEO_Eqn_6.12b_nls16	3420	-37.0	90.0	-10.0	-136.0	1.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B384	29	GEO_Eqn_6.12b_nls16	3915	-37.0	111.0	-10.0	-136.0	6.0	-36.0
B384	29	GEO_Eqn_6.12b_nls16	3915	-7.0	47.0	-1.0	-134.0	11.0	-46.0
B384	29	GEO_Eqn_6.12b_nls16	4162.5	-7.0	57.0	-1.0	-134.0	11.0	-59.0
B384	29	GEO_Eqn_6.12b_nls16	4162.5	-8.0	57.0	2.0	-129.0	11.0	-83.0
B384	29	GEO_Eqn_6.12b_nls16	4410	-8.0	67.0	2.0	-129.0	11.0	-98.0
B384	29	GEO_Eqn_6.12b_nls16	4410	28.0	149.0	11.0	-127.0	6.0	-111.0
B384	29	GEO_Eqn_6.12b_nls16	4905	28.0	170.0	11.0	-127.0	0.3	-190.0
B384	29	GEO_Eqn_6.12b_nls16	4905	76.0	169.0	8.0	-126.0	-7.0	-200.0
B384	29	GEO_Eqn_6.12b_nls16	5400	76.0	190.0	8.0	-126.0	-11.0	-289.0
B384	29	GEO_Eqn_6.12b_nls16	5400	-382.0	-196.0	1.0	-29.0	0.0	-292.0
B384	29	GEO_Eqn_6.12b_nls16	5700	-382.0	-183.0	1.0	-29.0	-0.3	-236.0
B384	29	GEO_Eqn_6.12b_nls16	6000	-382.0	-170.0	1.0	-29.0	-1.0	-183.0
B384	29	GEO_Eqn_6.12b_nls16	6000	-294.0	-142.0	1.0	-29.0	-1.0	-176.0
B384	29	GEO_Eqn_6.12b_nls16	6480	-294.0	-122.0	1.0	-29.0	-2.0	-113.0
B384	29	GEO_Eqn_6.12b_nls16	6480	-287.0	-23.0	-0.1	-36.0	-1.0	-92.0
B384	29	GEO_Eqn_6.12b_nls16	6600	-287.0	-18.0	-0.1	-36.0	-1.0	-89.0
B384	29	GEO_Eqn_6.12b_nls16	6600	-191.0	-137.0	-1.0	-38.0	-1.0	-91.0
B384	29	GEO_Eqn_6.12b_nls16	6900	-191.0	-125.0	-1.0	-38.0	-1.0	-52.0
B384	29	GEO_Eqn_6.12b_nls16	7200	-191.0	-112.0	-1.0	-38.0	-1.0	-17.0
B384	29	GEO_Eqn_6.12b_nls16	7200	-91.0	-87.0	0.0	-40.0	-1.0	-13.0
B384	29	GEO_Eqn_6.12b_nls16	7560	-91.0	-71.0	0.0	-40.0	-1.0	15.0
B384	29	GEO_Eqn_6.12b_nls16	7560	-92.0	-38.0	-1.0	-54.0	0.5	32.0
B384	29	GEO_Eqn_6.12b_nls16	7800	-92.0	-28.0	-1.0	-54.0	1.0	40.0
B384	29	GEO_Eqn_6.12b_nls16	7800	11.0	-86.0	-1.0	-58.0	1.0	38.0
B384	29	GEO_Eqn_6.12b_nls16	8100	11.0	-73.0	-1.0	-58.0	1.0	62.0
B384	29	GEO_Eqn_6.12b_nls16	8400	11.0	-61.0	-1.0	-58.0	2.0	82.0
B384	29	GEO_Eqn_6.12b_nls16	8400	109.0	-37.0	0.1	-62.0	2.0	83.0
B384	29	GEO_Eqn_6.12b_nls16	8640	109.0	-27.0	0.1	-62.0	2.0	90.0
B384	29	GEO_Eqn_6.12b_nls16	8640	104.0	-31.0	-0.2	-74.0	3.0	95.0
B384	29	GEO_Eqn_6.12b_nls16	9000	104.0	-16.0	-0.2	-74.0	3.0	104.0
B384	29	GEO_Eqn_6.12b_nls16	9000	197.0	-46.0	1.0	-76.0	3.0	101.0
B384	29	GEO_Eqn_6.12b_nls16	9300	197.0	-33.0	1.0	-76.0	2.0	113.0
B384	29	GEO_Eqn_6.12b_nls16	9600	197.0	-20.0	1.0	-76.0	2.0	121.0
B384	29	GEO_Eqn_6.12b_nls16	9600	283.0	-7.0	0.5	-79.0	2.0	119.0
B384	29	GEO_Eqn_6.12b_nls16	9720	283.0	-2.0	0.5	-79.0	1.0	120.0
B384	29	GEO_Eqn_6.12b_nls16	9720	279.0	-7.0	5.0	-86.0	2.0	118.0
B384	29	GEO_Eqn_6.12b_nls16	10200	279.0	13.0	6.0	-86.0	-1.0	117.0
B384	29	GEO_Eqn_6.12b_nls16	10200	362.0	-4.0	8.0	-85.0	-1.0	113.0
B384	29	GEO_Eqn_6.12b_nls16	10500	362.0	9.0	8.0	-85.0	-3.0	112.0
B384	29	GEO_Eqn_6.12b_nls16	10800	362.0	21.0	8.0	-85.0	-6.0	108.0
B388	363	GEO_Eqn_6.12b_nls01	0	99.0	-1013.0	0.1	9.0	0.0	-885.0
B388	363	GEO_Eqn_6.12b_nls01	281.67	99.0	-1006.0	0.1	9.0	0.0	-600.0
B388	363	GEO_Eqn_6.12b_nls01	563.33	99.0	-999.0	0.1	9.0	0.0	-318.0
B388	363	GEO_Eqn_6.12b_nls01	563.33	2.0	-288.0	0.2	8.0	-0.1	-239.0
B388	363	GEO_Eqn_6.12b_nls01	845	2.0	-281.0	0.2	8.0	-0.1	-159.0
B388	363	GEO_Eqn_6.12b_nls01	845	-3.0	-290.0	-0.1	6.0	0.0	-3.0
B388	363	GEO_Eqn_6.12b_nls01	1126.67	-3.0	-283.0	-0.1	6.0	0.0	78.0
B388	363	GEO_Eqn_6.12b_nls01	1126.67	-98.0	-321.0	0.0	4.0	0.0	131.0
B388	363	GEO_Eqn_6.12b_nls01	1408.33	-98.0	-314.0	0.0	4.0	0.0	220.0
B388	363	GEO_Eqn_6.12b_nls01	1690	-98.0	-307.0	0.0	4.0	0.0	308.0
B388	363	GEO_Eqn_6.12b_nls01	1690	1.0	6.0	-0.1	-16.0	-0.1	316.0
B388	363	GEO_Eqn_6.12b_nls01	2155	1.0	18.0	-0.1	-16.0	0.0	310.0
B388	363	GEO_Eqn_6.12b_nls01	2620	1.0	29.0	-0.1	-16.0	0.0	300.0
B388	363	GEO_Eqn_6.12b_nls01	2620	-1.0	69.0	0.3	-40.0	0.1	303.0
B388	363	GEO_Eqn_6.12b_nls01	3085	-1.0	81.0	0.3	-40.0	0.0	269.0
B388	363	GEO_Eqn_6.12b_nls01	3550	-1.0	92.0	0.3	-40.0	-0.1	228.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls01	3550	0.0	-1.0	0.0	-65.0	0.0	229.0
B388	363	GEO_Eqn_6.12b_nls01	3810	0.0	6.0	0.0	-65.0	0.0	228.0
B388	363	GEO_Eqn_6.12b_nls01	4070	0.0	12.0	0.0	-65.0	0.0	226.0
B388	363	GEO_Eqn_6.12b_nls01	4070	97.0	-0.4	0.4	-64.0	0.0	224.0
B388	363	GEO_Eqn_6.12b_nls01	4148	97.0	1.0	0.4	-64.0	-0.1	224.0
B388	363	GEO_Eqn_6.12b_nls01	4148	-11.0	9.0	-0.2	-67.0	0.0	229.0
B388	363	GEO_Eqn_6.12b_nls01	4447	-11.0	16.0	-0.2	-67.0	0.1	225.0
B388	363	GEO_Eqn_6.12b_nls01	4447	-19.0	19.0	-0.1	-71.0	-0.1	220.0
B388	363	GEO_Eqn_6.12b_nls01	4670	-19.0	24.0	-0.1	-71.0	0.0	215.0
B388	363	GEO_Eqn_6.12b_nls01	4670	141.0	0.1	2.0	-68.0	0.3	204.0
B388	363	GEO_Eqn_6.12b_nls01	4746	141.0	2.0	2.0	-68.0	0.2	204.0
B388	363	GEO_Eqn_6.12b_nls01	4746	-18.0	265.0	-0.3	-72.0	-0.1	201.0
B388	363	GEO_Eqn_6.12b_nls01	5045	-18.0	272.0	-0.3	-72.0	0.0	121.0
B388	363	GEO_Eqn_6.12b_nls01	5344	-18.0	279.0	-0.3	-72.0	0.0	39.0
B388	363	GEO_Eqn_6.12b_nls02	0	103.0	-944.0	0.4	-13.0	0.2	-790.0
B388	363	GEO_Eqn_6.12b_nls02	281.67	103.0	-937.0	0.4	-13.0	0.1	-525.0
B388	363	GEO_Eqn_6.12b_nls02	563.33	103.0	-930.0	0.4	-13.0	0.0	-262.0
B388	363	GEO_Eqn_6.12b_nls02	563.33	2.0	-271.0	0.2	-15.0	-0.1	-188.0
B388	363	GEO_Eqn_6.12b_nls02	845	2.0	-265.0	0.2	-15.0	-0.2	-112.0
B388	363	GEO_Eqn_6.12b_nls02	845	-4.0	-273.0	0.1	-17.0	-0.1	35.0
B388	363	GEO_Eqn_6.12b_nls02	1126.67	-4.0	-266.0	0.1	-17.0	-0.1	111.0
B388	363	GEO_Eqn_6.12b_nls02	1126.67	-102.0	-298.0	-1.0	-20.0	-0.2	161.0
B388	363	GEO_Eqn_6.12b_nls02	1408.33	-102.0	-292.0	-1.0	-20.0	0.0	244.0
B388	363	GEO_Eqn_6.12b_nls02	1690	-102.0	-285.0	-1.0	-20.0	0.3	325.0
B388	363	GEO_Eqn_6.12b_nls02	1690	1.0	27.0	-0.1	-41.0	-0.1	333.0
B388	363	GEO_Eqn_6.12b_nls02	2155	1.0	38.0	-0.1	-41.0	0.0	318.0
B388	363	GEO_Eqn_6.12b_nls02	2620	1.0	50.0	-0.1	-41.0	0.0	298.0
B388	363	GEO_Eqn_6.12b_nls02	2620	-1.0	90.0	0.2	-65.0	0.1	301.0
B388	363	GEO_Eqn_6.12b_nls02	3085	-1.0	101.0	0.2	-65.0	0.0	257.0
B388	363	GEO_Eqn_6.12b_nls02	3550	-1.0	113.0	0.2	-65.0	-0.1	207.0
B388	363	GEO_Eqn_6.12b_nls02	3550	0.0	-0.3	0.0	-92.0	0.0	207.0
B388	363	GEO_Eqn_6.12b_nls02	3810	0.0	6.0	0.0	-92.0	0.0	207.0
B388	363	GEO_Eqn_6.12b_nls02	4070	0.0	12.0	0.0	-92.0	0.0	204.0
B388	363	GEO_Eqn_6.12b_nls02	4070	102.0	-0.4	1.0	-91.0	0.0	203.0
B388	363	GEO_Eqn_6.12b_nls02	4148	102.0	2.0	1.0	-91.0	-0.1	203.0
B388	363	GEO_Eqn_6.12b_nls02	4148	-11.0	1.0	-0.2	-95.0	0.0	210.0
B388	363	GEO_Eqn_6.12b_nls02	4447	-11.0	8.0	-0.2	-95.0	0.1	208.0
B388	363	GEO_Eqn_6.12b_nls02	4447	-20.0	11.0	-0.1	-101.0	-0.1	207.0
B388	363	GEO_Eqn_6.12b_nls02	4670	-20.0	16.0	-0.1	-101.0	0.0	204.0
B388	363	GEO_Eqn_6.12b_nls02	4670	145.0	-0.5	2.0	-97.0	0.4	196.0
B388	363	GEO_Eqn_6.12b_nls02	4746	145.0	1.0	2.0	-97.0	0.3	196.0
B388	363	GEO_Eqn_6.12b_nls02	4746	-18.0	234.0	-0.4	-103.0	-0.2	195.0
B388	363	GEO_Eqn_6.12b_nls02	5045	-18.0	242.0	-0.4	-103.0	0.0	124.0
B388	363	GEO_Eqn_6.12b_nls02	5344	-18.0	249.0	-0.4	-103.0	0.1	51.0
B388	363	GEO_Eqn_6.12b_nls03	0	-88.0	59.0	-4.0	119.0	-2.0	61.0
B388	363	GEO_Eqn_6.12b_nls03	281.67	-88.0	66.0	-4.0	119.0	-1.0	43.0
B388	363	GEO_Eqn_6.12b_nls03	563.33	-88.0	73.0	-4.0	119.0	0.4	23.0
B388	363	GEO_Eqn_6.12b_nls03	563.33	2.0	19.0	-0.5	121.0	1.0	13.0
B388	363	GEO_Eqn_6.12b_nls03	845	2.0	25.0	-0.5	121.0	1.0	7.0
B388	363	GEO_Eqn_6.12b_nls03	845	8.0	26.0	-2.0	121.0	1.0	-5.0
B388	363	GEO_Eqn_6.12b_nls03	1126.67	8.0	33.0	-2.0	121.0	1.0	-14.0
B388	363	GEO_Eqn_6.12b_nls03	1126.67	83.0	-28.0	7.0	126.0	2.0	-23.0
B388	363	GEO_Eqn_6.12b_nls03	1408.33	83.0	-21.0	7.0	126.0	-0.4	-16.0
B388	363	GEO_Eqn_6.12b_nls03	1690	83.0	-14.0	7.0	126.0	-2.0	-11.0
B388	363	GEO_Eqn_6.12b_nls03	1690	-1.0	-110.0	0.0	115.0	0.0	-11.0
B388	363	GEO_Eqn_6.12b_nls03	2155	-1.0	-99.0	0.0	115.0	0.0	38.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls03	2620	-1.0	-87.0	0.0	115.0	0.0	81.0
B388	363	GEO_Eqn_6.12b_nls03	2620	1.0	-46.0	-0.1	89.0	-0.1	85.0
B388	363	GEO_Eqn_6.12b_nls03	3085	1.0	-34.0	-0.1	89.0	0.0	104.0
B388	363	GEO_Eqn_6.12b_nls03	3550	1.0	-23.0	-0.1	89.0	0.0	117.0
B388	363	GEO_Eqn_6.12b_nls03	3550	0.0	52.0	0.0	87.0	0.0	111.0
B388	363	GEO_Eqn_6.12b_nls03	3810	0.0	58.0	0.0	87.0	0.0	97.0
B388	363	GEO_Eqn_6.12b_nls03	4070	0.0	64.0	0.0	87.0	0.0	81.0
B388	363	GEO_Eqn_6.12b_nls03	4070	-35.0	3.0	-2.0	85.0	0.0	68.0
B388	363	GEO_Eqn_6.12b_nls03	4148	-35.0	5.0	-2.0	85.0	0.2	68.0
B388	363	GEO_Eqn_6.12b_nls03	4148	4.0	25.0	0.5	92.0	0.0	61.0
B388	363	GEO_Eqn_6.12b_nls03	4447	4.0	32.0	0.5	92.0	-0.1	53.0
B388	363	GEO_Eqn_6.12b_nls03	4447	7.0	29.0	0.3	99.0	0.1	33.0
B388	363	GEO_Eqn_6.12b_nls03	4670	7.0	34.0	0.3	99.0	0.0	26.0
B388	363	GEO_Eqn_6.12b_nls03	4670	-46.0	2.0	-4.0	94.0	-1.0	16.0
B388	363	GEO_Eqn_6.12b_nls03	4746	-46.0	4.0	-4.0	94.0	-1.0	16.0
B388	363	GEO_Eqn_6.12b_nls03	4746	6.0	-3.0	1.0	102.0	0.3	9.0
B388	363	GEO_Eqn_6.12b_nls03	5045	6.0	4.0	1.0	102.0	0.1	9.0
B388	363	GEO_Eqn_6.12b_nls03	5344	6.0	11.0	1.0	102.0	-0.1	7.0
B388	363	GEO_Eqn_6.12b_nls04	0	-77.0	159.0	-3.0	75.0	-1.0	253.0
B388	363	GEO_Eqn_6.12b_nls04	281.67	-77.0	165.0	-3.0	75.0	-1.0	208.0
B388	363	GEO_Eqn_6.12b_nls04	563.33	-77.0	172.0	-3.0	75.0	0.4	160.0
B388	363	GEO_Eqn_6.12b_nls04	563.33	3.0	41.0	-0.4	76.0	1.0	145.0
B388	363	GEO_Eqn_6.12b_nls04	845	3.0	48.0	-0.4	76.0	1.0	132.0
B388	363	GEO_Eqn_6.12b_nls04	845	8.0	49.0	-2.0	76.0	1.0	108.0
B388	363	GEO_Eqn_6.12b_nls04	1126.67	8.0	56.0	-2.0	76.0	1.0	93.0
B388	363	GEO_Eqn_6.12b_nls04	1126.67	72.0	9.0	6.0	80.0	1.0	81.0
B388	363	GEO_Eqn_6.12b_nls04	1408.33	72.0	16.0	6.0	80.0	-0.3	77.0
B388	363	GEO_Eqn_6.12b_nls04	1690	72.0	23.0	6.0	80.0	-2.0	72.0
B388	363	GEO_Eqn_6.12b_nls04	1690	-1.0	-58.0	0.0	66.0	0.0	72.0
B388	363	GEO_Eqn_6.12b_nls04	2155	-1.0	-46.0	0.0	66.0	0.0	96.0
B388	363	GEO_Eqn_6.12b_nls04	2620	-1.0	-35.0	0.0	66.0	0.0	115.0
B388	363	GEO_Eqn_6.12b_nls04	2620	1.0	7.0	-0.2	41.0	-0.1	119.0
B388	363	GEO_Eqn_6.12b_nls04	3085	1.0	18.0	-0.2	41.0	0.0	113.0
B388	363	GEO_Eqn_6.12b_nls04	3550	1.0	29.0	-0.2	41.0	0.1	102.0
B388	363	GEO_Eqn_6.12b_nls04	3550	0.0	54.0	0.0	34.0	0.0	97.0
B388	363	GEO_Eqn_6.12b_nls04	3810	0.0	60.0	0.0	34.0	0.0	82.0
B388	363	GEO_Eqn_6.12b_nls04	4070	0.0	66.0	0.0	34.0	0.0	66.0
B388	363	GEO_Eqn_6.12b_nls04	4070	-17.0	3.0	-1.0	32.0	0.0	52.0
B388	363	GEO_Eqn_6.12b_nls04	4148	-17.0	5.0	-1.0	32.0	0.1	52.0
B388	363	GEO_Eqn_6.12b_nls04	4148	2.0	12.0	0.3	37.0	0.0	49.0
B388	363	GEO_Eqn_6.12b_nls04	4447	2.0	20.0	0.3	37.0	-0.1	44.0
B388	363	GEO_Eqn_6.12b_nls04	4447	4.0	17.0	0.2	41.0	0.1	31.0
B388	363	GEO_Eqn_6.12b_nls04	4670	4.0	22.0	0.2	41.0	0.0	27.0
B388	363	GEO_Eqn_6.12b_nls04	4670	-26.0	1.0	-3.0	38.0	-1.0	22.0
B388	363	GEO_Eqn_6.12b_nls04	4746	-26.0	3.0	-3.0	38.0	-0.4	22.0
B388	363	GEO_Eqn_6.12b_nls04	4746	3.0	-29.0	1.0	43.0	0.2	18.0
B388	363	GEO_Eqn_6.12b_nls04	5045	3.0	-22.0	1.0	43.0	0.1	26.0
B388	363	GEO_Eqn_6.12b_nls04	5344	3.0	-15.0	1.0	43.0	-0.1	31.0
B388	363	GEO_Eqn_6.12b_nls05	0	89.0	-999.0	-0.2	20.0	-0.1	-894.0
B388	363	GEO_Eqn_6.12b_nls05	281.67	89.0	-992.0	-0.2	20.0	0.0	-613.0
B388	363	GEO_Eqn_6.12b_nls05	563.33	89.0	-985.0	-0.2	20.0	0.0	-335.0
B388	363	GEO_Eqn_6.12b_nls05	563.33	2.0	-283.0	0.1	20.0	0.0	-258.0
B388	363	GEO_Eqn_6.12b_nls05	845	2.0	-276.0	0.1	20.0	0.0	-179.0
B388	363	GEO_Eqn_6.12b_nls05	845	-3.0	-284.0	-0.2	18.0	0.1	-26.0
B388	363	GEO_Eqn_6.12b_nls05	1126.67	-3.0	-278.0	-0.2	18.0	0.1	53.0
B388	363	GEO_Eqn_6.12b_nls05	1126.67	-88.0	-321.0	1.0	16.0	0.1	105.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls05	1408.33	-88.0	-314.0	1.0	16.0	0.0	194.0
B388	363	GEO_Eqn_6.12b_nls05	1690	-88.0	-307.0	1.0	16.0	-0.2	282.0
B388	363	GEO_Eqn_6.12b_nls05	1690	1.0	-13.0	-0.1	-3.0	-0.1	290.0
B388	363	GEO_Eqn_6.12b_nls05	2155	1.0	-1.0	-0.1	-3.0	0.0	293.0
B388	363	GEO_Eqn_6.12b_nls05	2620	1.0	10.0	-0.1	-3.0	0.1	291.0
B388	363	GEO_Eqn_6.12b_nls05	2620	-1.0	51.0	0.3	-27.0	0.1	295.0
B388	363	GEO_Eqn_6.12b_nls05	3085	-1.0	62.0	0.3	-27.0	0.0	269.0
B388	363	GEO_Eqn_6.12b_nls05	3550	-1.0	73.0	0.3	-27.0	-0.1	237.0
B388	363	GEO_Eqn_6.12b_nls05	3550	0.0	1.0	0.0	-49.0	0.0	237.0
B388	363	GEO_Eqn_6.12b_nls05	3810	0.0	7.0	0.0	-49.0	0.0	236.0
B388	363	GEO_Eqn_6.12b_nls05	4070	0.0	13.0	0.0	-49.0	0.0	234.0
B388	363	GEO_Eqn_6.12b_nls05	4070	89.0	-0.3	0.2	-49.0	0.0	232.0
B388	363	GEO_Eqn_6.12b_nls05	4148	89.0	2.0	0.2	-49.0	0.0	232.0
B388	363	GEO_Eqn_6.12b_nls05	4148	-10.0	14.0	-0.1	-51.0	0.0	235.0
B388	363	GEO_Eqn_6.12b_nls05	4447	-10.0	22.0	-0.1	-51.0	0.0	229.0
B388	363	GEO_Eqn_6.12b_nls05	4447	-18.0	24.0	0.0	-54.0	0.0	221.0
B388	363	GEO_Eqn_6.12b_nls05	4670	-18.0	29.0	0.0	-54.0	0.0	216.0
B388	363	GEO_Eqn_6.12b_nls05	4670	131.0	1.0	1.0	-52.0	0.2	203.0
B388	363	GEO_Eqn_6.12b_nls05	4746	131.0	2.0	1.0	-52.0	0.1	203.0
B388	363	GEO_Eqn_6.12b_nls05	4746	-17.0	272.0	-0.2	-55.0	-0.1	199.0
B388	363	GEO_Eqn_6.12b_nls05	5045	-17.0	280.0	-0.2	-55.0	0.0	116.0
B388	363	GEO_Eqn_6.12b_nls05	5344	-17.0	287.0	-0.2	-55.0	0.0	32.0
B388	363	GEO_Eqn_6.12b_nls06	0	94.0	-862.0	0.4	-25.0	0.2	-707.0
B388	363	GEO_Eqn_6.12b_nls06	281.67	94.0	-855.0	0.4	-25.0	0.1	-465.0
B388	363	GEO_Eqn_6.12b_nls06	563.33	94.0	-848.0	0.4	-25.0	0.0	-225.0
B388	363	GEO_Eqn_6.12b_nls06	563.33	2.0	-250.0	0.2	-27.0	-0.1	-157.0
B388	363	GEO_Eqn_6.12b_nls06	845	2.0	-243.0	0.2	-27.0	-0.2	-88.0
B388	363	GEO_Eqn_6.12b_nls06	845	-3.0	-250.0	0.2	-29.0	-0.1	47.0
B388	363	GEO_Eqn_6.12b_nls06	1126.67	-3.0	-243.0	0.2	-29.0	-0.2	117.0
B388	363	GEO_Eqn_6.12b_nls06	1126.67	-93.0	-278.0	-1.0	-33.0	-0.2	163.0
B388	363	GEO_Eqn_6.12b_nls06	1408.33	-93.0	-271.0	-1.0	-33.0	0.1	240.0
B388	363	GEO_Eqn_6.12b_nls06	1690	-93.0	-264.0	-1.0	-33.0	0.3	316.0
B388	363	GEO_Eqn_6.12b_nls06	1690	1.0	24.0	-0.1	-54.0	-0.1	323.0
B388	363	GEO_Eqn_6.12b_nls06	2155	1.0	36.0	-0.1	-54.0	0.0	309.0
B388	363	GEO_Eqn_6.12b_nls06	2620	1.0	47.0	-0.1	-54.0	0.0	290.0
B388	363	GEO_Eqn_6.12b_nls06	2620	-1.0	88.0	0.2	-78.0	0.1	294.0
B388	363	GEO_Eqn_6.12b_nls06	3085	-1.0	99.0	0.2	-78.0	0.0	250.0
B388	363	GEO_Eqn_6.12b_nls06	3550	-1.0	110.0	0.2	-78.0	-0.1	202.0
B388	363	GEO_Eqn_6.12b_nls06	3550	0.0	1.0	0.0	-106.0	0.0	202.0
B388	363	GEO_Eqn_6.12b_nls06	3810	0.0	7.0	0.0	-106.0	0.0	201.0
B388	363	GEO_Eqn_6.12b_nls06	4070	0.0	14.0	0.0	-106.0	0.0	198.0
B388	363	GEO_Eqn_6.12b_nls06	4070	96.0	-0.3	1.0	-105.0	0.0	197.0
B388	363	GEO_Eqn_6.12b_nls06	4148	96.0	2.0	1.0	-105.0	-0.1	196.0
B388	363	GEO_Eqn_6.12b_nls06	4148	-11.0	-0.1	-0.2	-109.0	0.0	203.0
B388	363	GEO_Eqn_6.12b_nls06	4447	-11.0	7.0	-0.2	-109.0	0.1	202.0
B388	363	GEO_Eqn_6.12b_nls06	4447	-19.0	9.0	-0.1	-116.0	-0.1	201.0
B388	363	GEO_Eqn_6.12b_nls06	4670	-19.0	15.0	-0.1	-116.0	0.0	198.0
B388	363	GEO_Eqn_6.12b_nls06	4670	137.0	-1.0	3.0	-111.0	0.5	191.0
B388	363	GEO_Eqn_6.12b_nls06	4746	137.0	1.0	3.0	-111.0	0.3	191.0
B388	363	GEO_Eqn_6.12b_nls06	4746	-17.0	217.0	-0.4	-117.0	-0.2	191.0
B388	363	GEO_Eqn_6.12b_nls06	5045	-17.0	224.0	-0.4	-117.0	-0.1	125.0
B388	363	GEO_Eqn_6.12b_nls06	5344	-17.0	232.0	-0.4	-117.0	0.1	57.0
B388	363	GEO_Eqn_6.12b_nls07	0	-83.0	31.0	-4.0	100.0	-2.0	29.0
B388	363	GEO_Eqn_6.12b_nls07	281.67	-83.0	38.0	-4.0	100.0	-1.0	19.0
B388	363	GEO_Eqn_6.12b_nls07	563.33	-83.0	45.0	-4.0	100.0	0.4	7.0
B388	363	GEO_Eqn_6.12b_nls07	563.33	2.0	10.0	-0.4	102.0	1.0	0.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls07	845	2.0	17.0	-0.4	102.0	1.0	-4.0
B388	363	GEO_Eqn_6.12b_nls07	845	8.0	18.0	-2.0	102.0	1.0	-11.0
B388	363	GEO_Eqn_6.12b_nls07	1126.67	8.0	24.0	-2.0	102.0	1.0	-17.0
B388	363	GEO_Eqn_6.12b_nls07	1126.67	79.0	-39.0	6.0	106.0	1.0	-25.0
B388	363	GEO_Eqn_6.12b_nls07	1408.33	79.0	-32.0	6.0	106.0	-0.4	-15.0
B388	363	GEO_Eqn_6.12b_nls07	1690	79.0	-25.0	6.0	106.0	-2.0	-6.0
B388	363	GEO_Eqn_6.12b_nls07	1690	-1.0	-113.0	0.0	93.0	0.0	-6.0
B388	363	GEO_Eqn_6.12b_nls07	2155	-1.0	-101.0	0.0	93.0	0.0	44.0
B388	363	GEO_Eqn_6.12b_nls07	2620	-1.0	-90.0	0.0	93.0	0.0	88.0
B388	363	GEO_Eqn_6.12b_nls07	2620	1.0	-48.0	-0.1	68.0	-0.1	92.0
B388	363	GEO_Eqn_6.12b_nls07	3085	1.0	-37.0	-0.1	68.0	0.0	112.0
B388	363	GEO_Eqn_6.12b_nls07	3550	1.0	-26.0	-0.1	68.0	0.0	127.0
B388	363	GEO_Eqn_6.12b_nls07	3550	0.0	47.0	0.0	63.0	0.0	121.0
B388	363	GEO_Eqn_6.12b_nls07	3810	0.0	53.0	0.0	63.0	0.0	108.0
B388	363	GEO_Eqn_6.12b_nls07	4070	0.0	60.0	0.0	63.0	0.0	93.0
B388	363	GEO_Eqn_6.12b_nls07	4070	-32.0	3.0	-2.0	61.0	0.0	81.0
B388	363	GEO_Eqn_6.12b_nls07	4148	-32.0	4.0	-2.0	61.0	0.1	81.0
B388	363	GEO_Eqn_6.12b_nls07	4148	4.0	24.0	0.4	67.0	0.0	75.0
B388	363	GEO_Eqn_6.12b_nls07	4447	4.0	31.0	0.4	67.0	-0.1	66.0
B388	363	GEO_Eqn_6.12b_nls07	4447	6.0	28.0	0.2	73.0	0.1	47.0
B388	363	GEO_Eqn_6.12b_nls07	4670	6.0	33.0	0.2	73.0	0.0	41.0
B388	363	GEO_Eqn_6.12b_nls07	4670	-42.0	2.0	-4.0	68.0	-1.0	31.0
B388	363	GEO_Eqn_6.12b_nls07	4746	-42.0	4.0	-4.0	68.0	-0.5	31.0
B388	363	GEO_Eqn_6.12b_nls07	4746	5.0	3.0	1.0	75.0	0.3	25.0
B388	363	GEO_Eqn_6.12b_nls07	5045	5.0	10.0	1.0	75.0	0.1	23.0
B388	363	GEO_Eqn_6.12b_nls07	5344	5.0	17.0	1.0	75.0	-0.1	18.0
B388	363	GEO_Eqn_6.12b_nls08	0	-72.0	145.0	-3.0	56.0	-1.0	245.0
B388	363	GEO_Eqn_6.12b_nls08	281.67	-72.0	152.0	-3.0	56.0	-0.5	204.0
B388	363	GEO_Eqn_6.12b_nls08	563.33	-72.0	159.0	-3.0	56.0	0.3	160.0
B388	363	GEO_Eqn_6.12b_nls08	563.33	3.0	36.0	-0.3	57.0	1.0	146.0
B388	363	GEO_Eqn_6.12b_nls08	845	3.0	43.0	-0.3	57.0	1.0	135.0
B388	363	GEO_Eqn_6.12b_nls08	845	8.0	44.0	-1.0	57.0	1.0	113.0
B388	363	GEO_Eqn_6.12b_nls08	1126.67	8.0	51.0	-1.0	57.0	1.0	100.0
B388	363	GEO_Eqn_6.12b_nls08	1126.67	67.0	3.0	5.0	59.0	1.0	88.0
B388	363	GEO_Eqn_6.12b_nls08	1408.33	67.0	10.0	5.0	59.0	-0.3	87.0
B388	363	GEO_Eqn_6.12b_nls08	1690	67.0	17.0	5.0	59.0	-2.0	83.0
B388	363	GEO_Eqn_6.12b_nls08	1690	-1.0	-56.0	0.1	45.0	0.0	83.0
B388	363	GEO_Eqn_6.12b_nls08	2155	-1.0	-45.0	0.1	45.0	0.0	106.0
B388	363	GEO_Eqn_6.12b_nls08	2620	-1.0	-33.0	0.1	45.0	0.0	124.0
B388	363	GEO_Eqn_6.12b_nls08	2620	1.0	8.0	-0.2	19.0	-0.1	128.0
B388	363	GEO_Eqn_6.12b_nls08	3085	1.0	19.0	-0.2	19.0	0.0	122.0
B388	363	GEO_Eqn_6.12b_nls08	3550	1.0	31.0	-0.2	19.0	0.1	110.0
B388	363	GEO_Eqn_6.12b_nls08	3550	0.0	50.0	0.0	9.0	0.0	105.0
B388	363	GEO_Eqn_6.12b_nls08	3810	0.0	57.0	0.0	9.0	0.0	91.0
B388	363	GEO_Eqn_6.12b_nls08	4070	0.0	63.0	0.0	9.0	0.0	76.0
B388	363	GEO_Eqn_6.12b_nls08	4070	-14.0	3.0	-1.0	8.0	0.0	63.0
B388	363	GEO_Eqn_6.12b_nls08	4148	-14.0	5.0	-1.0	8.0	0.1	63.0
B388	363	GEO_Eqn_6.12b_nls08	4148	1.0	11.0	0.3	12.0	0.0	61.0
B388	363	GEO_Eqn_6.12b_nls08	4447	1.0	18.0	0.3	12.0	-0.1	56.0
B388	363	GEO_Eqn_6.12b_nls08	4447	3.0	15.0	0.1	14.0	0.0	44.0
B388	363	GEO_Eqn_6.12b_nls08	4670	3.0	21.0	0.1	14.0	0.0	40.0
B388	363	GEO_Eqn_6.12b_nls08	4670	-20.0	1.0	-2.0	12.0	-0.5	36.0
B388	363	GEO_Eqn_6.12b_nls08	4746	-20.0	3.0	-2.0	12.0	-0.3	35.0
B388	363	GEO_Eqn_6.12b_nls08	4746	3.0	-25.0	0.4	15.0	0.2	32.0
B388	363	GEO_Eqn_6.12b_nls08	5045	3.0	-17.0	0.4	15.0	0.0	39.0
B388	363	GEO_Eqn_6.12b_nls08	5344	3.0	-10.0	0.4	15.0	-0.1	43.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls09	0	13.0	-761.0	-2.0	118.0	-1.0	-826.0
B388	363	GEO_Eqn_6.12b_nls09	281.67	13.0	-754.0	-2.0	118.0	-0.5	-613.0
B388	363	GEO_Eqn_6.12b_nls09	563.33	13.0	-747.0	-2.0	118.0	0.2	-402.0
B388	363	GEO_Eqn_6.12b_nls09	563.33	2.0	-208.0	-0.3	119.0	1.0	-347.0
B388	363	GEO_Eqn_6.12b_nls09	845	2.0	-202.0	-0.3	119.0	1.0	-290.0
B388	363	GEO_Eqn_6.12b_nls09	845	1.0	-208.0	-1.0	119.0	1.0	-178.0
B388	363	GEO_Eqn_6.12b_nls09	1126.67	1.0	-201.0	-1.0	119.0	1.0	-120.0
B388	363	GEO_Eqn_6.12b_nls09	1126.67	-14.0	-275.0	5.0	121.0	1.0	-85.0
B388	363	GEO_Eqn_6.12b_nls09	1408.33	-14.0	-268.0	5.0	121.0	-0.2	-9.0
B388	363	GEO_Eqn_6.12b_nls09	1690	-14.0	-261.0	5.0	121.0	-2.0	66.0
B388	363	GEO_Eqn_6.12b_nls09	1690	0.3	-125.0	-0.2	109.0	-0.1	71.0
B388	363	GEO_Eqn_6.12b_nls09	2155	0.3	-113.0	-0.2	109.0	0.0	127.0
B388	363	GEO_Eqn_6.12b_nls09	2620	0.3	-102.0	-0.2	109.0	0.1	177.0
B388	363	GEO_Eqn_6.12b_nls09	2620	-0.3	-61.0	0.2	84.0	0.1	181.0
B388	363	GEO_Eqn_6.12b_nls09	3085	-0.3	-50.0	0.2	84.0	0.0	207.0
B388	363	GEO_Eqn_6.12b_nls09	3550	-0.3	-38.0	0.2	84.0	-0.1	227.0
B388	363	GEO_Eqn_6.12b_nls09	3550	0.0	14.0	0.0	77.0	0.0	224.0
B388	363	GEO_Eqn_6.12b_nls09	3810	0.0	20.0	0.0	77.0	0.0	220.0
B388	363	GEO_Eqn_6.12b_nls09	4070	0.0	26.0	0.0	77.0	0.0	214.0
B388	363	GEO_Eqn_6.12b_nls09	4070	22.0	0.5	-1.0	76.0	0.0	209.0
B388	363	GEO_Eqn_6.12b_nls09	4148	22.0	2.0	-1.0	76.0	0.1	209.0
B388	363	GEO_Eqn_6.12b_nls09	4148	-2.0	38.0	0.3	80.0	0.0	203.0
B388	363	GEO_Eqn_6.12b_nls09	4447	-2.0	45.0	0.3	80.0	-0.1	190.0
B388	363	GEO_Eqn_6.12b_nls09	4447	-5.0	44.0	0.2	85.0	0.1	168.0
B388	363	GEO_Eqn_6.12b_nls09	4670	-5.0	50.0	0.2	85.0	0.0	158.0
B388	363	GEO_Eqn_6.12b_nls09	4670	42.0	2.0	-3.0	82.0	-1.0	140.0
B388	363	GEO_Eqn_6.12b_nls09	4746	42.0	4.0	-3.0	82.0	-0.4	139.0
B388	363	GEO_Eqn_6.12b_nls09	4746	-5.0	228.0	1.0	87.0	0.2	129.0
B388	363	GEO_Eqn_6.12b_nls09	5045	-5.0	236.0	1.0	87.0	0.1	59.0
B388	363	GEO_Eqn_6.12b_nls09	5344	-5.0	243.0	1.0	87.0	-0.1	-12.0
B388	363	GEO_Eqn_6.12b_nls10	0	-44.0	-450.0	-4.0	145.0	-2.0	-588.0
B388	363	GEO_Eqn_6.12b_nls10	281.67	-44.0	-443.0	-4.0	145.0	-1.0	-462.0
B388	363	GEO_Eqn_6.12b_nls10	563.33	-44.0	-436.0	-4.0	145.0	0.3	-338.0
B388	363	GEO_Eqn_6.12b_nls10	563.33	2.0	-119.0	-0.5	147.0	1.0	-310.0
B388	363	GEO_Eqn_6.12b_nls10	845	2.0	-112.0	-0.4	147.0	1.0	-277.0
B388	363	GEO_Eqn_6.12b_nls10	845	4.0	-116.0	-2.0	148.0	1.0	-214.0
B388	363	GEO_Eqn_6.12b_nls10	1126.67	4.0	-109.0	-2.0	148.0	1.0	-183.0
B388	363	GEO_Eqn_6.12b_nls10	1126.67	42.0	-195.0	7.0	152.0	2.0	-166.0
B388	363	GEO_Eqn_6.12b_nls10	1408.33	42.0	-189.0	7.0	152.0	-0.4	-112.0
B388	363	GEO_Eqn_6.12b_nls10	1690	42.0	-182.0	7.0	152.0	-2.0	-59.0
B388	363	GEO_Eqn_6.12b_nls10	1690	-0.3	-175.0	-0.1	142.0	-0.1	-57.0
B388	363	GEO_Eqn_6.12b_nls10	2155	-0.3	-164.0	-0.1	142.0	0.0	22.0
B388	363	GEO_Eqn_6.12b_nls10	2620	-0.3	-153.0	-0.1	142.0	0.1	96.0
B388	363	GEO_Eqn_6.12b_nls10	2620	0.3	-111.0	0.1	116.0	0.0	100.0
B388	363	GEO_Eqn_6.12b_nls10	3085	0.3	-100.0	0.1	116.0	0.0	149.0
B388	363	GEO_Eqn_6.12b_nls10	3550	0.3	-89.0	0.1	116.0	-0.1	193.0
B388	363	GEO_Eqn_6.12b_nls10	3550	0.0	25.0	0.0	115.0	0.0	189.0
B388	363	GEO_Eqn_6.12b_nls10	3810	0.0	32.0	0.0	115.0	0.0	181.0
B388	363	GEO_Eqn_6.12b_nls10	4070	0.0	38.0	0.0	115.0	0.0	172.0
B388	363	GEO_Eqn_6.12b_nls10	4070	-23.0	1.0	-2.0	113.0	0.0	165.0
B388	363	GEO_Eqn_6.12b_nls10	4148	-23.0	3.0	-2.0	113.0	0.2	164.0
B388	363	GEO_Eqn_6.12b_nls10	4148	3.0	43.0	0.4	121.0	0.0	154.0
B388	363	GEO_Eqn_6.12b_nls10	4447	3.0	50.0	0.4	121.0	-0.1	140.0
B388	363	GEO_Eqn_6.12b_nls10	4447	4.0	48.0	0.3	128.0	0.1	114.0
B388	363	GEO_Eqn_6.12b_nls10	4670	4.0	53.0	0.3	128.0	0.0	102.0
B388	363	GEO_Eqn_6.12b_nls10	4670	-20.0	3.0	-5.0	123.0	-1.0	85.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls10	4746	-20.0	5.0	-5.0	123.0	-1.0	84.0
B388	363	GEO_Eqn_6.12b_nls10	4746	3.0	143.0	1.0	131.0	0.3	72.0
B388	363	GEO_Eqn_6.12b_nls10	5045	3.0	150.0	1.0	131.0	0.1	29.0
B388	363	GEO_Eqn_6.12b_nls10	5344	3.0	157.0	1.0	131.0	-0.1	-17.0
B388	363	GEO_Eqn_6.12b_nls11	0	48.0	-343.0	1.0	-65.0	0.3	-189.0
B388	363	GEO_Eqn_6.12b_nls11	281.67	48.0	-336.0	1.0	-65.0	0.1	-93.0
B388	363	GEO_Eqn_6.12b_nls11	563.33	48.0	-329.0	1.0	-65.0	0.0	0.4
B388	363	GEO_Eqn_6.12b_nls11	563.33	1.0	-110.0	0.2	-66.0	-0.1	30.0
B388	363	GEO_Eqn_6.12b_nls11	845	1.0	-103.0	0.2	-66.0	-0.2	60.0
B388	363	GEO_Eqn_6.12b_nls11	845	-1.0	-107.0	0.5	-69.0	-0.2	119.0
B388	363	GEO_Eqn_6.12b_nls11	1126.67	-1.0	-100.0	0.5	-69.0	-0.3	148.0
B388	363	GEO_Eqn_6.12b_nls11	1126.67	-48.0	-132.0	-2.0	-73.0	-0.4	168.0
B388	363	GEO_Eqn_6.12b_nls11	1408.33	-48.0	-125.0	-2.0	-73.0	0.1	204.0
B388	363	GEO_Eqn_6.12b_nls11	1690	-48.0	-118.0	-2.0	-73.0	1.0	238.0
B388	363	GEO_Eqn_6.12b_nls11	1690	0.4	33.0	0.1	-96.0	0.0	242.0
B388	363	GEO_Eqn_6.12b_nls11	2155	0.4	45.0	0.1	-96.0	0.0	224.0
B388	363	GEO_Eqn_6.12b_nls11	2620	0.4	56.0	0.1	-96.0	0.0	201.0
B388	363	GEO_Eqn_6.12b_nls11	2620	-0.4	97.0	0.0	-120.0	0.0	205.0
B388	363	GEO_Eqn_6.12b_nls11	3085	-0.4	108.0	0.0	-120.0	0.0	157.0
B388	363	GEO_Eqn_6.12b_nls11	3550	-0.4	119.0	0.0	-120.0	0.0	105.0
B388	363	GEO_Eqn_6.12b_nls11	3550	0.0	13.0	0.0	-152.0	0.0	104.0
B388	363	GEO_Eqn_6.12b_nls11	3810	0.0	19.0	0.0	-152.0	0.0	99.0
B388	363	GEO_Eqn_6.12b_nls11	4070	0.0	26.0	0.0	-152.0	0.0	94.0
B388	363	GEO_Eqn_6.12b_nls11	4070	63.0	1.0	1.0	-150.0	0.0	89.0
B388	363	GEO_Eqn_6.12b_nls11	4148	63.0	2.0	1.0	-150.0	-0.1	89.0
B388	363	GEO_Eqn_6.12b_nls11	4148	-7.0	-19.0	-0.3	-156.0	0.0	98.0
B388	363	GEO_Eqn_6.12b_nls11	4447	-7.0	-12.0	-0.3	-156.0	0.1	102.0
B388	363	GEO_Eqn_6.12b_nls11	4447	-12.0	-11.0	-0.2	-164.0	-0.1	108.0
B388	363	GEO_Eqn_6.12b_nls11	4670	-12.0	-6.0	-0.2	-164.0	0.0	110.0
B388	363	GEO_Eqn_6.12b_nls11	4670	83.0	-2.0	3.0	-159.0	1.0	113.0
B388	363	GEO_Eqn_6.12b_nls11	4746	83.0	0.1	3.0	-159.0	0.4	113.0
B388	363	GEO_Eqn_6.12b_nls11	4746	-11.0	38.0	-1.0	-167.0	-0.2	117.0
B388	363	GEO_Eqn_6.12b_nls11	5045	-11.0	45.0	-1.0	-167.0	-0.1	104.0
B388	363	GEO_Eqn_6.12b_nls11	5344	-11.0	53.0	-1.0	-167.0	0.1	89.0
B388	363	GEO_Eqn_6.12b_nls12	0	-16.0	-31.0	-0.5	-41.0	-0.2	93.0
B388	363	GEO_Eqn_6.12b_nls12	281.67	-16.0	-24.0	-0.5	-41.0	0.0	101.0
B388	363	GEO_Eqn_6.12b_nls12	563.33	-16.0	-18.0	-0.5	-41.0	0.1	107.0
B388	363	GEO_Eqn_6.12b_nls12	563.33	2.0	-19.0	0.1	-42.0	0.1	110.0
B388	363	GEO_Eqn_6.12b_nls12	845	2.0	-13.0	0.1	-42.0	0.1	114.0
B388	363	GEO_Eqn_6.12b_nls12	845	3.0	-13.0	0.1	-44.0	0.0	123.0
B388	363	GEO_Eqn_6.12b_nls12	1126.67	3.0	-6.0	0.1	-44.0	0.0	126.0
B388	363	GEO_Eqn_6.12b_nls12	1126.67	13.0	-45.0	0.1	-47.0	0.0	127.0
B388	363	GEO_Eqn_6.12b_nls12	1408.33	13.0	-39.0	0.1	-47.0	0.0	139.0
B388	363	GEO_Eqn_6.12b_nls12	1690	13.0	-32.0	0.1	-47.0	-0.1	149.0
B388	363	GEO_Eqn_6.12b_nls12	1690	-0.3	-8.0	0.1	-68.0	0.1	151.0
B388	363	GEO_Eqn_6.12b_nls12	2155	-0.3	4.0	0.1	-68.0	0.0	152.0
B388	363	GEO_Eqn_6.12b_nls12	2620	-0.3	15.0	0.1	-68.0	0.0	148.0
B388	363	GEO_Eqn_6.12b_nls12	2620	0.3	56.0	-0.2	-92.0	-0.1	151.0
B388	363	GEO_Eqn_6.12b_nls12	3085	0.3	67.0	-0.1	-92.0	0.0	123.0
B388	363	GEO_Eqn_6.12b_nls12	3550	0.3	78.0	-0.1	-92.0	0.1	89.0
B388	363	GEO_Eqn_6.12b_nls12	3550	0.0	29.0	0.0	-119.0	0.0	86.0
B388	363	GEO_Eqn_6.12b_nls12	3810	0.0	36.0	0.0	-119.0	0.0	78.0
B388	363	GEO_Eqn_6.12b_nls12	4070	0.0	42.0	0.0	-119.0	0.0	68.0
B388	363	GEO_Eqn_6.12b_nls12	4070	22.0	2.0	0.5	-118.0	0.0	60.0
B388	363	GEO_Eqn_6.12b_nls12	4148	22.0	4.0	0.5	-118.0	-0.1	60.0
B388	363	GEO_Eqn_6.12b_nls12	4148	-3.0	-12.0	-0.1	-122.0	0.0	64.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls12	4447	-3.0	-4.0	-0.1	-122.0	0.1	66.0
B388	363	GEO_Eqn_6.12b_nls12	4447	-4.0	-5.0	-0.1	-127.0	-0.1	67.0
B388	363	GEO_Eqn_6.12b_nls12	4670	-4.0	0.0	-0.1	-127.0	0.0	67.0
B388	363	GEO_Eqn_6.12b_nls12	4670	26.0	-1.0	2.0	-123.0	0.4	69.0
B388	363	GEO_Eqn_6.12b_nls12	4746	26.0	1.0	2.0	-123.0	0.2	69.0
B388	363	GEO_Eqn_6.12b_nls12	4746	-3.0	-33.0	-0.3	-129.0	-0.1	71.0
B388	363	GEO_Eqn_6.12b_nls12	5045	-3.0	-25.0	-0.3	-129.0	0.0	80.0
B388	363	GEO_Eqn_6.12b_nls12	5344	-3.0	-18.0	-0.3	-129.0	0.1	86.0
B388	363	GEO_Eqn_6.12b_nls13	0	32.0	-820.0	-2.0	72.0	-1.0	-845.0
B388	363	GEO_Eqn_6.12b_nls13	281.67	32.0	-814.0	-2.0	72.0	-0.3	-615.0
B388	363	GEO_Eqn_6.12b_nls13	563.33	32.0	-807.0	-2.0	72.0	0.2	-387.0
B388	363	GEO_Eqn_6.12b_nls13	563.33	2.0	-228.0	-0.1	72.0	0.3	-327.0
B388	363	GEO_Eqn_6.12b_nls13	845	2.0	-221.0	-0.1	72.0	0.3	-263.0
B388	363	GEO_Eqn_6.12b_nls13	845	-0.2	-228.0	-1.0	71.0	0.4	-140.0
B388	363	GEO_Eqn_6.12b_nls13	1126.67	-0.2	-221.0	-1.0	71.0	1.0	-77.0
B388	363	GEO_Eqn_6.12b_nls13	1126.67	-32.0	-291.0	3.0	72.0	1.0	-38.0
B388	363	GEO_Eqn_6.12b_nls13	1408.33	-32.0	-285.0	3.0	72.0	-0.2	43.0
B388	363	GEO_Eqn_6.12b_nls13	1690	-32.0	-278.0	3.0	72.0	-1.0	123.0
B388	363	GEO_Eqn_6.12b_nls13	1690	0.5	-104.0	-0.1	56.0	-0.1	129.0
B388	363	GEO_Eqn_6.12b_nls13	2155	0.5	-93.0	-0.1	56.0	0.0	174.0
B388	363	GEO_Eqn_6.12b_nls13	2620	0.5	-82.0	-0.1	56.0	0.1	215.0
B388	363	GEO_Eqn_6.12b_nls13	2620	-0.5	-40.0	0.2	32.0	0.1	219.0
B388	363	GEO_Eqn_6.12b_nls13	3085	-0.5	-29.0	0.2	32.0	0.0	235.0
B388	363	GEO_Eqn_6.12b_nls13	3550	-0.5	-18.0	0.2	32.0	-0.1	246.0
B388	363	GEO_Eqn_6.12b_nls13	3550	0.0	6.0	0.0	18.0	0.0	244.0
B388	363	GEO_Eqn_6.12b_nls13	3810	0.0	12.0	0.0	18.0	0.0	242.0
B388	363	GEO_Eqn_6.12b_nls13	4070	0.0	19.0	0.0	18.0	0.0	238.0
B388	363	GEO_Eqn_6.12b_nls13	4070	38.0	0.0	-1.0	17.0	0.0	235.0
B388	363	GEO_Eqn_6.12b_nls13	4148	38.0	2.0	-1.0	17.0	0.0	235.0
B388	363	GEO_Eqn_6.12b_nls13	4148	-4.0	31.0	0.1	19.0	0.0	231.0
B388	363	GEO_Eqn_6.12b_nls13	4447	-4.0	38.0	0.1	19.0	0.0	220.0
B388	363	GEO_Eqn_6.12b_nls13	4447	-8.0	39.0	0.1	19.0	0.0	202.0
B388	363	GEO_Eqn_6.12b_nls13	4670	-8.0	44.0	0.1	19.0	0.0	193.0
B388	363	GEO_Eqn_6.12b_nls13	4670	65.0	2.0	-1.0	19.0	-0.2	176.0
B388	363	GEO_Eqn_6.12b_nls13	4746	65.0	4.0	-1.0	19.0	-0.1	176.0
B388	363	GEO_Eqn_6.12b_nls13	4746	-8.0	244.0	0.2	20.0	0.1	167.0
B388	363	GEO_Eqn_6.12b_nls13	5045	-8.0	252.0	0.2	20.0	0.0	93.0
B388	363	GEO_Eqn_6.12b_nls13	5344	-8.0	259.0	0.2	20.0	0.0	17.0
B388	363	GEO_Eqn_6.12b_nls14	0	-26.0	-520.0	-3.0	98.0	-1.0	-635.0
B388	363	GEO_Eqn_6.12b_nls14	281.67	-26.0	-513.0	-3.0	98.0	-0.5	-489.0
B388	363	GEO_Eqn_6.12b_nls14	563.33	-26.0	-506.0	-3.0	98.0	0.3	-346.0
B388	363	GEO_Eqn_6.12b_nls14	563.33	1.0	-142.0	-0.3	99.0	1.0	-311.0
B388	363	GEO_Eqn_6.12b_nls14	845	1.0	-135.0	-0.3	99.0	1.0	-272.0
B388	363	GEO_Eqn_6.12b_nls14	845	2.0	-139.0	-1.0	99.0	1.0	-196.0
B388	363	GEO_Eqn_6.12b_nls14	1126.67	2.0	-132.0	-1.0	99.0	1.0	-158.0
B388	363	GEO_Eqn_6.12b_nls14	1126.67	24.0	-221.0	5.0	102.0	1.0	-136.0
B388	363	GEO_Eqn_6.12b_nls14	1408.33	24.0	-214.0	5.0	102.0	-0.3	-75.0
B388	363	GEO_Eqn_6.12b_nls14	1690	24.0	-207.0	5.0	102.0	-2.0	-15.0
B388	363	GEO_Eqn_6.12b_nls14	1690	-0.1	-167.0	-0.1	88.0	0.0	-12.0
B388	363	GEO_Eqn_6.12b_nls14	2155	-0.1	-156.0	-0.1	88.0	0.0	63.0
B388	363	GEO_Eqn_6.12b_nls14	2620	-0.1	-145.0	-0.1	88.0	0.0	133.0
B388	363	GEO_Eqn_6.12b_nls14	2620	0.1	-103.0	0.1	63.0	0.0	138.0
B388	363	GEO_Eqn_6.12b_nls14	3085	0.1	-92.0	0.1	63.0	0.0	183.0
B388	363	GEO_Eqn_6.12b_nls14	3550	0.1	-81.0	0.1	63.0	0.0	223.0
B388	363	GEO_Eqn_6.12b_nls14	3550	0.0	15.0	0.0	54.0	0.0	220.0
B388	363	GEO_Eqn_6.12b_nls14	3810	0.0	21.0	0.0	54.0	0.0	215.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls14	4070	0.0	28.0	0.0	54.0	0.0	209.0
B388	363	GEO_Eqn_6.12b_nls14	4070	-9.0	1.0	-1.0	53.0	0.0	203.0
B388	363	GEO_Eqn_6.12b_nls14	4148	-9.0	2.0	-1.0	53.0	0.1	203.0
B388	363	GEO_Eqn_6.12b_nls14	4148	1.0	39.0	0.3	57.0	0.0	195.0
B388	363	GEO_Eqn_6.12b_nls14	4447	1.0	46.0	0.3	57.0	-0.1	182.0
B388	363	GEO_Eqn_6.12b_nls14	4447	1.0	44.0	0.2	61.0	0.1	158.0
B388	363	GEO_Eqn_6.12b_nls14	4670	1.0	50.0	0.2	61.0	0.0	147.0
B388	363	GEO_Eqn_6.12b_nls14	4670	1.0	3.0	-3.0	58.0	-1.0	130.0
B388	363	GEO_Eqn_6.12b_nls14	4746	1.0	4.0	-3.0	58.0	-0.3	130.0
B388	363	GEO_Eqn_6.12b_nls14	4746	-0.1	172.0	0.5	63.0	0.2	119.0
B388	363	GEO_Eqn_6.12b_nls14	5045	-0.1	179.0	0.5	63.0	0.1	66.0
B388	363	GEO_Eqn_6.12b_nls14	5344	-0.1	186.0	0.5	63.0	-0.1	12.0
B388	363	GEO_Eqn_6.12b_nls15	0	13.0	-318.0	-0.1	-41.0	0.0	-231.0
B388	363	GEO_Eqn_6.12b_nls15	281.67	13.0	-311.0	-0.1	-41.0	0.0	-142.0
B388	363	GEO_Eqn_6.12b_nls15	563.33	13.0	-304.0	-0.1	-41.0	0.1	-56.0
B388	363	GEO_Eqn_6.12b_nls15	563.33	1.0	-99.0	0.1	-42.0	0.1	-31.0
B388	363	GEO_Eqn_6.12b_nls15	845	1.0	-92.0	0.1	-42.0	0.0	-4.0
B388	363	GEO_Eqn_6.12b_nls15	845	1.0	-95.0	0.2	-44.0	0.0	49.0
B388	363	GEO_Eqn_6.12b_nls15	1126.67	1.0	-88.0	0.2	-44.0	-0.1	75.0
B388	363	GEO_Eqn_6.12b_nls15	1126.67	-14.0	-140.0	-0.3	-47.0	-0.1	91.0
B388	363	GEO_Eqn_6.12b_nls15	1408.33	-14.0	-133.0	-0.3	-47.0	0.0	130.0
B388	363	GEO_Eqn_6.12b_nls15	1690	-14.0	-127.0	-0.3	-47.0	0.1	166.0
B388	363	GEO_Eqn_6.12b_nls15	1690	0.1	-34.0	0.0	-69.0	0.0	170.0
B388	363	GEO_Eqn_6.12b_nls15	2155	0.1	-23.0	0.0	-69.0	0.0	183.0
B388	363	GEO_Eqn_6.12b_nls15	2620	0.1	-11.0	0.0	-69.0	0.0	191.0
B388	363	GEO_Eqn_6.12b_nls15	2620	-0.1	30.0	0.0	-93.0	0.0	195.0
B388	363	GEO_Eqn_6.12b_nls15	3085	-0.1	41.0	0.0	-93.0	0.0	179.0
B388	363	GEO_Eqn_6.12b_nls15	3550	-0.1	52.0	0.0	-93.0	0.0	157.0
B388	363	GEO_Eqn_6.12b_nls15	3550	0.0	15.0	0.0	-120.0	0.0	155.0
B388	363	GEO_Eqn_6.12b_nls15	3810	0.0	21.0	0.0	-120.0	0.0	151.0
B388	363	GEO_Eqn_6.12b_nls15	4070	0.0	27.0	0.0	-120.0	0.0	144.0
B388	363	GEO_Eqn_6.12b_nls15	4070	37.0	1.0	1.0	-119.0	0.0	139.0
B388	363	GEO_Eqn_6.12b_nls15	4148	37.0	3.0	1.0	-119.0	-0.1	139.0
B388	363	GEO_Eqn_6.12b_nls15	4148	-4.0	1.0	-0.2	-123.0	0.0	142.0
B388	363	GEO_Eqn_6.12b_nls15	4447	-4.0	8.0	-0.2	-123.0	0.1	141.0
B388	363	GEO_Eqn_6.12b_nls15	4447	-7.0	7.0	-0.1	-129.0	-0.1	137.0
B388	363	GEO_Eqn_6.12b_nls15	4670	-7.0	13.0	-0.1	-129.0	0.0	134.0
B388	363	GEO_Eqn_6.12b_nls15	4670	54.0	-0.2	2.0	-125.0	0.4	130.0
B388	363	GEO_Eqn_6.12b_nls15	4746	54.0	2.0	2.0	-125.0	0.3	130.0
B388	363	GEO_Eqn_6.12b_nls15	4746	-7.0	82.0	-0.4	-130.0	-0.2	129.0
B388	363	GEO_Eqn_6.12b_nls15	5045	-7.0	89.0	-0.4	-130.0	0.0	103.0
B388	363	GEO_Eqn_6.12b_nls15	5344	-7.0	97.0	-0.4	-130.0	0.1	75.0
B388	363	GEO_Eqn_6.12b_nls16	0	-49.0	15.0	-1.0	-15.0	-0.5	98.0
B388	363	GEO_Eqn_6.12b_nls16	281.67	-49.0	21.0	-1.0	-15.0	-0.2	93.0
B388	363	GEO_Eqn_6.12b_nls16	563.33	-49.0	28.0	-1.0	-15.0	0.2	86.0
B388	363	GEO_Eqn_6.12b_nls16	563.33	2.0	-3.0	-0.1	-15.0	0.3	83.0
B388	363	GEO_Eqn_6.12b_nls16	845	2.0	4.0	-0.1	-15.0	0.3	83.0
B388	363	GEO_Eqn_6.12b_nls16	845	5.0	4.0	-0.3	-17.0	0.2	82.0
B388	363	GEO_Eqn_6.12b_nls16	1126.67	5.0	11.0	-0.3	-17.0	0.3	80.0
B388	363	GEO_Eqn_6.12b_nls16	1126.67	45.0	-42.0	2.0	-18.0	0.3	77.0
B388	363	GEO_Eqn_6.12b_nls16	1408.33	45.0	-36.0	2.0	-18.0	-0.1	88.0
B388	363	GEO_Eqn_6.12b_nls16	1690	45.0	-29.0	2.0	-18.0	-1.0	97.0
B388	363	GEO_Eqn_6.12b_nls16	1690	-1.0	-59.0	0.1	-37.0	0.1	98.0
B388	363	GEO_Eqn_6.12b_nls16	2155	-1.0	-48.0	0.1	-37.0	0.0	123.0
B388	363	GEO_Eqn_6.12b_nls16	2620	-1.0	-36.0	0.1	-37.0	0.0	143.0
B388	363	GEO_Eqn_6.12b_nls16	2620	1.0	5.0	-0.2	-62.0	-0.1	147.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B388	363	GEO_Eqn_6.12b_nls16	3085	1.0	16.0	-0.2	-62.0	0.0	142.0
B388	363	GEO_Eqn_6.12b_nls16	3550	1.0	27.0	-0.2	-62.0	0.1	132.0
B388	363	GEO_Eqn_6.12b_nls16	3550	0.0	34.0	0.0	-83.0	0.0	128.0
B388	363	GEO_Eqn_6.12b_nls16	3810	0.0	40.0	0.0	-83.0	0.0	118.0
B388	363	GEO_Eqn_6.12b_nls16	4070	0.0	47.0	0.0	-83.0	0.0	107.0
B388	363	GEO_Eqn_6.12b_nls16	4070	0.2	2.0	0.0	-82.0	0.0	98.0
B388	363	GEO_Eqn_6.12b_nls16	4148	0.2	4.0	0.0	-82.0	0.0	97.0
B388	363	GEO_Eqn_6.12b_nls16	4148	-0.1	6.0	0.0	-84.0	0.0	97.0
B388	363	GEO_Eqn_6.12b_nls16	4447	-0.1	13.0	0.0	-84.0	0.0	94.0
B388	363	GEO_Eqn_6.12b_nls16	4447	0.1	11.0	-0.1	-87.0	0.0	85.0
B388	363	GEO_Eqn_6.12b_nls16	4670	0.1	16.0	-0.1	-87.0	0.0	82.0
B388	363	GEO_Eqn_6.12b_nls16	4670	1.0	0.3	1.0	-85.0	0.1	78.0
B388	363	GEO_Eqn_6.12b_nls16	4746	1.0	2.0	1.0	-85.0	0.1	78.0
B388	363	GEO_Eqn_6.12b_nls16	4746	-0.1	2.0	-0.1	-87.0	0.0	76.0
B388	363	GEO_Eqn_6.12b_nls16	5045	-0.1	9.0	-0.1	-87.0	0.0	74.0
B388	363	GEO_Eqn_6.12b_nls16	5344	-0.1	17.0	-0.1	-87.0	0.0	71.0
B389	95	GEO_Eqn_6.12b_nls01	0	-220.0	-97.0	3.0	-97.0	2.0	95.0
B389	95	GEO_Eqn_6.12b_nls01	300	-220.0	-91.0	3.0	-97.0	1.0	123.0
B389	95	GEO_Eqn_6.12b_nls01	600	-220.0	-84.0	3.0	-97.0	1.0	149.0
B389	95	GEO_Eqn_6.12b_nls01	600	-133.0	-46.0	1.0	-98.0	-1.0	153.0
B389	95	GEO_Eqn_6.12b_nls01	1080	-133.0	-35.0	1.0	-98.0	-1.0	173.0
B389	95	GEO_Eqn_6.12b_nls01	1080	-113.0	-3.0	0.0	-99.0	-1.0	182.0
B389	95	GEO_Eqn_6.12b_nls01	1200	-113.0	-0.5	0.0	-99.0	-1.0	182.0
B389	95	GEO_Eqn_6.12b_nls01	1200	-35.0	-58.0	-0.4	-100.0	-1.0	176.0
B389	95	GEO_Eqn_6.12b_nls01	1500	-35.0	-51.0	-0.4	-100.0	-1.0	193.0
B389	95	GEO_Eqn_6.12b_nls01	1800	-35.0	-45.0	-0.4	-100.0	-0.4	207.0
B389	95	GEO_Eqn_6.12b_nls01	1800	33.0	-57.0	-0.3	-100.0	-0.1	217.0
B389	95	GEO_Eqn_6.12b_nls01	2160	33.0	-49.0	-0.3	-100.0	0.0	236.0
B389	95	GEO_Eqn_6.12b_nls01	2160	40.0	-16.0	0.1	-100.0	0.3	257.0
B389	95	GEO_Eqn_6.12b_nls01	2400	40.0	-11.0	0.1	-100.0	0.3	261.0
B389	95	GEO_Eqn_6.12b_nls01	2400	94.0	-133.0	0.2	-100.0	0.2	263.0
B389	95	GEO_Eqn_6.12b_nls01	2700	94.0	-126.0	0.2	-100.0	0.1	302.0
B389	95	GEO_Eqn_6.12b_nls01	3000	94.0	-120.0	0.1	-100.0	0.1	339.0
B389	95	GEO_Eqn_6.12b_nls01	3000	122.0	-51.0	0.0	-100.0	0.0	358.0
B389	95	GEO_Eqn_6.12b_nls01	3240	122.0	-45.0	0.0	-100.0	0.0	370.0
B389	95	GEO_Eqn_6.12b_nls01	3240	121.0	-59.0	0.2	-98.0	0.1	407.0
B389	95	GEO_Eqn_6.12b_nls01	3600	121.0	-51.0	0.1	-98.0	0.0	427.0
B389	95	GEO_Eqn_6.12b_nls01	3600	121.0	-142.0	0.2	-98.0	-0.2	444.0
B389	95	GEO_Eqn_6.12b_nls01	3900	121.0	-136.0	0.2	-98.0	-0.2	486.0
B389	95	GEO_Eqn_6.12b_nls01	4200	121.0	-129.0	0.2	-98.0	-0.3	525.0
B389	95	GEO_Eqn_6.12b_nls01	4200	71.0	-3.0	0.0	-97.0	-0.4	540.0
B389	95	GEO_Eqn_6.12b_nls01	4320	71.0	-0.3	0.0	-97.0	-0.4	540.0
B389	95	GEO_Eqn_6.12b_nls01	4320	51.0	33.0	-0.4	-95.0	-1.0	534.0
B389	95	GEO_Eqn_6.12b_nls01	4800	51.0	44.0	-0.4	-95.0	-0.4	516.0
B389	95	GEO_Eqn_6.12b_nls01	4800	-43.0	428.0	-1.0	-95.0	0.4	493.0
B389	95	GEO_Eqn_6.12b_nls01	5100	-43.0	435.0	-1.0	-95.0	1.0	363.0
B389	95	GEO_Eqn_6.12b_nls01	5400	-43.0	442.0	-1.0	-95.0	1.0	232.0
B389	95	GEO_Eqn_6.12b_nls01	5400	2.0	-53.0	1.0	-75.0	1.0	218.0
B389	95	GEO_Eqn_6.12b_nls01	5760	2.0	-45.0	1.0	-75.0	0.3	236.0
B389	95	GEO_Eqn_6.12b_nls01	6120	2.0	-37.0	1.0	-75.0	0.1	251.0
B389	95	GEO_Eqn_6.12b_nls01	6480	2.0	-29.0	1.0	-75.0	-0.2	263.0
B389	95	GEO_Eqn_6.12b_nls01	6480	3.0	68.0	0.0	-50.0	-0.1	263.0
B389	95	GEO_Eqn_6.12b_nls01	6840	3.0	76.0	0.0	-50.0	-0.1	237.0
B389	95	GEO_Eqn_6.12b_nls01	7200	3.0	84.0	0.0	-50.0	-0.1	209.0
B389	95	GEO_Eqn_6.12b_nls01	7560	3.0	92.0	0.0	-50.0	-0.1	177.0
B389	95	GEO_Eqn_6.12b_nls01	7560	2.0	194.0	0.0	-22.0	0.0	173.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls01	7920	2.0	202.0	0.0	-22.0	0.0	101.0
B389	95	GEO_Eqn_6.12b_nls01	8280	2.0	210.0	0.0	-22.0	-0.1	27.0
B389	95	GEO_Eqn_6.12b_nls01	8640	2.0	218.0	0.0	-22.0	-0.1	-50.0
B389	95	GEO_Eqn_6.12b_nls01	8640	-0.2	321.0	0.3	6.0	-0.1	-58.0
B389	95	GEO_Eqn_6.12b_nls01	9000	-0.2	330.0	0.3	6.0	-0.2	-175.0
B389	95	GEO_Eqn_6.12b_nls01	9360	-0.2	338.0	0.3	6.0	-0.3	-296.0
B389	95	GEO_Eqn_6.12b_nls01	9720	-0.2	346.0	0.3	6.0	-0.4	-419.0
B389	95	GEO_Eqn_6.12b_nls01	9720	-7.0	458.0	-1.0	35.0	-1.0	-425.0
B389	95	GEO_Eqn_6.12b_nls01	10080	-7.0	466.0	-1.0	35.0	0.0	-591.0
B389	95	GEO_Eqn_6.12b_nls01	10440	-7.0	474.0	-1.0	35.0	0.5	-760.0
B389	95	GEO_Eqn_6.12b_nls01	10800	-7.0	482.0	-1.0	35.0	1.0	-932.0
B389	95	GEO_Eqn_6.12b_nls01	10800	192.0	-481.0	3.0	-8.0	4.0	-871.0
B389	95	GEO_Eqn_6.12b_nls01	11100	192.0	-474.0	3.0	-8.0	3.0	-728.0
B389	95	GEO_Eqn_6.12b_nls01	11400	192.0	-467.0	3.0	-8.0	2.0	-586.0
B389	95	GEO_Eqn_6.12b_nls01	11400	139.0	-317.0	1.0	-11.0	-1.0	-499.0
B389	95	GEO_Eqn_6.12b_nls01	11880	139.0	-307.0	1.0	-11.0	-1.0	-349.0
B389	95	GEO_Eqn_6.12b_nls01	11880	124.0	-29.0	0.0	-19.0	-1.0	-251.0
B389	95	GEO_Eqn_6.12b_nls01	12000	124.0	-26.0	0.0	-19.0	-1.0	-248.0
B389	95	GEO_Eqn_6.12b_nls01	12000	92.0	-278.0	-0.1	-23.0	-1.0	-242.0
B389	95	GEO_Eqn_6.12b_nls01	12300	92.0	-272.0	-0.1	-23.0	-1.0	-159.0
B389	95	GEO_Eqn_6.12b_nls01	12600	92.0	-265.0	-0.1	-23.0	-1.0	-79.0
B389	95	GEO_Eqn_6.12b_nls01	12600	69.0	-113.0	-0.3	-28.0	-1.0	-36.0
B389	95	GEO_Eqn_6.12b_nls01	12960	69.0	-104.0	-0.3	-28.0	-1.0	3.0
B389	95	GEO_Eqn_6.12b_nls01	12960	70.0	-43.0	0.1	-41.0	-0.3	56.0
B389	95	GEO_Eqn_6.12b_nls01	13200	70.0	-38.0	0.1	-41.0	-0.4	66.0
B389	95	GEO_Eqn_6.12b_nls01	13200	45.0	-186.0	0.0	-45.0	-1.0	86.0
B389	95	GEO_Eqn_6.12b_nls01	13500	45.0	-180.0	0.0	-45.0	-1.0	140.0
B389	95	GEO_Eqn_6.12b_nls01	13800	45.0	-173.0	0.0	-45.0	-1.0	193.0
B389	95	GEO_Eqn_6.12b_nls01	13800	7.0	-62.0	-0.1	-52.0	-0.4	225.0
B389	95	GEO_Eqn_6.12b_nls01	14040	7.0	-57.0	-0.1	-52.0	-0.4	239.0
B389	95	GEO_Eqn_6.12b_nls01	14040	1.0	-89.0	0.4	-70.0	-1.0	295.0
B389	95	GEO_Eqn_6.12b_nls01	14400	1.0	-81.0	0.4	-70.0	-1.0	325.0
B389	95	GEO_Eqn_6.12b_nls01	14400	-53.0	-282.0	0.0	-75.0	-1.0	363.0
B389	95	GEO_Eqn_6.12b_nls01	14700	-53.0	-275.0	0.0	-75.0	-1.0	447.0
B389	95	GEO_Eqn_6.12b_nls01	15000	-53.0	-269.0	0.0	-75.0	-1.0	529.0
B389	95	GEO_Eqn_6.12b_nls01	15000	-141.0	-27.0	0.0	-87.0	-1.0	548.0
B389	95	GEO_Eqn_6.12b_nls01	15120	-141.0	-24.0	0.0	-87.0	-1.0	551.0
B389	95	GEO_Eqn_6.12b_nls01	15120	-180.0	-225.0	-1.0	-110.0	-2.0	630.0
B389	95	GEO_Eqn_6.12b_nls01	15600	-180.0	-214.0	-1.0	-110.0	-1.0	736.0
B389	95	GEO_Eqn_6.12b_nls01	15600	-314.0	-198.0	-4.0	-115.0	2.0	794.0
B389	95	GEO_Eqn_6.12b_nls01	15900	-314.0	-191.0	-4.0	-115.0	3.0	852.0
B389	95	GEO_Eqn_6.12b_nls01	16200	-314.0	-184.0	-4.0	-115.0	4.0	909.0
B389	95	GEO_Eqn_6.12b_nls02	0	-207.0	-104.0	2.0	-102.0	2.0	123.0
B389	95	GEO_Eqn_6.12b_nls02	300	-207.0	-97.0	2.0	-102.0	1.0	153.0
B389	95	GEO_Eqn_6.12b_nls02	600	-207.0	-90.0	2.0	-102.0	0.3	181.0
B389	95	GEO_Eqn_6.12b_nls02	600	-125.0	-30.0	0.4	-103.0	-1.0	184.0
B389	95	GEO_Eqn_6.12b_nls02	1080	-125.0	-20.0	0.4	-103.0	-1.0	196.0
B389	95	GEO_Eqn_6.12b_nls02	1080	-108.0	-1.0	0.0	-104.0	-0.4	200.0
B389	95	GEO_Eqn_6.12b_nls02	1200	-108.0	1.0	0.0	-104.0	-0.4	200.0
B389	95	GEO_Eqn_6.12b_nls02	1200	-39.0	-15.0	-0.2	-105.0	-0.3	193.0
B389	95	GEO_Eqn_6.12b_nls02	1500	-39.0	-9.0	-0.2	-105.0	-0.2	196.0
B389	95	GEO_Eqn_6.12b_nls02	1800	-39.0	-2.0	-0.2	-105.0	-0.2	198.0
B389	95	GEO_Eqn_6.12b_nls02	1800	19.0	-27.0	-0.2	-105.0	0.0	200.0
B389	95	GEO_Eqn_6.12b_nls02	2160	19.0	-19.0	-0.2	-105.0	0.0	209.0
B389	95	GEO_Eqn_6.12b_nls02	2160	24.0	0.0	0.0	-104.0	0.2	214.0
B389	95	GEO_Eqn_6.12b_nls02	2400	24.0	5.0	0.0	-104.0	0.2	213.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls02	2400	68.0	-42.0	0.1	-104.0	0.1	208.0
B389	95	GEO_Eqn_6.12b_nls02	2700	68.0	-36.0	0.1	-104.0	0.1	220.0
B389	95	GEO_Eqn_6.12b_nls02	3000	68.0	-29.0	0.1	-104.0	0.0	230.0
B389	95	GEO_Eqn_6.12b_nls02	3000	93.0	-19.0	0.0	-104.0	0.0	237.0
B389	95	GEO_Eqn_6.12b_nls02	3240	93.0	-14.0	0.0	-104.0	0.0	241.0
B389	95	GEO_Eqn_6.12b_nls02	3240	91.0	-1.0	0.1	-102.0	0.1	246.0
B389	95	GEO_Eqn_6.12b_nls02	3600	91.0	7.0	0.1	-102.0	0.0	245.0
B389	95	GEO_Eqn_6.12b_nls02	3600	96.0	7.0	0.2	-102.0	-0.2	242.0
B389	95	GEO_Eqn_6.12b_nls02	3900	96.0	14.0	0.2	-102.0	-0.2	239.0
B389	95	GEO_Eqn_6.12b_nls02	4200	96.0	21.0	0.2	-102.0	-0.3	234.0
B389	95	GEO_Eqn_6.12b_nls02	4200	74.0	8.0	0.0	-101.0	-0.4	242.0
B389	95	GEO_Eqn_6.12b_nls02	4320	74.0	11.0	0.0	-101.0	-0.4	241.0
B389	95	GEO_Eqn_6.12b_nls02	4320	65.0	130.0	-0.3	-98.0	-1.0	200.0
B389	95	GEO_Eqn_6.12b_nls02	4800	65.0	141.0	-0.3	-98.0	-0.5	135.0
B389	95	GEO_Eqn_6.12b_nls02	4800	24.0	414.0	-1.0	-99.0	0.3	95.0
B389	95	GEO_Eqn_6.12b_nls02	5100	24.0	421.0	-1.0	-99.0	1.0	-31.0
B389	95	GEO_Eqn_6.12b_nls02	5400	24.0	428.0	-1.0	-99.0	1.0	-158.0
B389	95	GEO_Eqn_6.12b_nls02	5400	-0.2	-210.0	1.0	-79.0	1.0	-175.0
B389	95	GEO_Eqn_6.12b_nls02	5760	-0.3	-202.0	1.0	-79.0	0.3	-101.0
B389	95	GEO_Eqn_6.12b_nls02	6120	-0.3	-193.0	1.0	-79.0	0.1	-30.0
B389	95	GEO_Eqn_6.12b_nls02	6480	-0.3	-185.0	1.0	-79.0	-0.2	38.0
B389	95	GEO_Eqn_6.12b_nls02	6480	2.0	-88.0	0.0	-53.0	-0.1	40.0
B389	95	GEO_Eqn_6.12b_nls02	6840	2.0	-80.0	0.0	-53.0	-0.1	70.0
B389	95	GEO_Eqn_6.12b_nls02	7200	2.0	-72.0	0.0	-53.0	-0.1	97.0
B389	95	GEO_Eqn_6.12b_nls02	7560	2.0	-64.0	0.0	-53.0	-0.1	122.0
B389	95	GEO_Eqn_6.12b_nls02	7560	2.0	38.0	0.0	-25.0	0.0	118.0
B389	95	GEO_Eqn_6.12b_nls02	7920	2.0	46.0	0.0	-25.0	-0.1	103.0
B389	95	GEO_Eqn_6.12b_nls02	8280	2.0	55.0	0.0	-25.0	-0.1	84.0
B389	95	GEO_Eqn_6.12b_nls02	8640	2.0	63.0	0.0	-25.0	-0.1	63.0
B389	95	GEO_Eqn_6.12b_nls02	8640	1.0	165.0	0.3	4.0	-0.1	56.0
B389	95	GEO_Eqn_6.12b_nls02	9000	1.0	173.0	0.3	4.0	-0.2	-5.0
B389	95	GEO_Eqn_6.12b_nls02	9360	1.0	181.0	0.3	4.0	-0.3	-69.0
B389	95	GEO_Eqn_6.12b_nls02	9720	1.0	189.0	0.3	4.0	-0.4	-135.0
B389	95	GEO_Eqn_6.12b_nls02	9720	-4.0	299.0	-1.0	34.0	-1.0	-141.0
B389	95	GEO_Eqn_6.12b_nls02	10080	-4.0	308.0	-1.0	34.0	0.0	-250.0
B389	95	GEO_Eqn_6.12b_nls02	10440	-4.0	316.0	-1.0	34.0	0.5	-362.0
B389	95	GEO_Eqn_6.12b_nls02	10800	-4.0	324.0	-1.0	34.0	1.0	-477.0
B389	95	GEO_Eqn_6.12b_nls02	10800	118.0	-363.0	3.0	-14.0	4.0	-447.0
B389	95	GEO_Eqn_6.12b_nls02	11100	118.0	-357.0	3.0	-14.0	3.0	-339.0
B389	95	GEO_Eqn_6.12b_nls02	11400	118.0	-350.0	3.0	-14.0	2.0	-233.0
B389	95	GEO_Eqn_6.12b_nls02	11400	107.0	-202.0	1.0	-17.0	-1.0	-176.0
B389	95	GEO_Eqn_6.12b_nls02	11880	107.0	-191.0	1.0	-17.0	-1.0	-82.0
B389	95	GEO_Eqn_6.12b_nls02	11880	103.0	-17.0	0.0	-27.0	-1.0	-24.0
B389	95	GEO_Eqn_6.12b_nls02	12000	103.0	-14.0	0.0	-27.0	-1.0	-22.0
B389	95	GEO_Eqn_6.12b_nls02	12000	93.0	-139.0	-0.1	-31.0	-1.0	-23.0
B389	95	GEO_Eqn_6.12b_nls02	12300	93.0	-132.0	-0.1	-31.0	-1.0	18.0
B389	95	GEO_Eqn_6.12b_nls02	12600	93.0	-126.0	-0.1	-31.0	-1.0	57.0
B389	95	GEO_Eqn_6.12b_nls02	12600	77.0	-64.0	-0.3	-36.0	-1.0	80.0
B389	95	GEO_Eqn_6.12b_nls02	12960	77.0	-56.0	-0.4	-36.0	-1.0	102.0
B389	95	GEO_Eqn_6.12b_nls02	12960	78.0	-17.0	0.1	-50.0	-0.3	127.0
B389	95	GEO_Eqn_6.12b_nls02	13200	78.0	-12.0	0.1	-50.0	-0.4	130.0
B389	95	GEO_Eqn_6.12b_nls02	13200	55.0	-109.0	0.0	-55.0	-1.0	138.0
B389	95	GEO_Eqn_6.12b_nls02	13500	55.0	-102.0	0.0	-55.0	-1.0	170.0
B389	95	GEO_Eqn_6.12b_nls02	13800	55.0	-96.0	0.0	-55.0	-1.0	200.0
B389	95	GEO_Eqn_6.12b_nls02	13800	18.0	-49.0	-0.1	-62.0	-0.4	223.0
B389	95	GEO_Eqn_6.12b_nls02	14040	18.0	-43.0	-0.1	-62.0	-0.4	234.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls02	14040	10.0	-64.0	0.4	-82.0	-1.0	275.0
B389	95	GEO_Eqn_6.12b_nls02	14400	10.0	-56.0	0.4	-82.0	-1.0	297.0
B389	95	GEO_Eqn_6.12b_nls02	14400	-41.0	-245.0	0.0	-86.0	-1.0	326.0
B389	95	GEO_Eqn_6.12b_nls02	14700	-41.0	-238.0	0.0	-86.0	-1.0	399.0
B389	95	GEO_Eqn_6.12b_nls02	15000	-41.0	-231.0	0.0	-86.0	-1.0	469.0
B389	95	GEO_Eqn_6.12b_nls02	15000	-121.0	-26.0	0.0	-99.0	-1.0	486.0
B389	95	GEO_Eqn_6.12b_nls02	15120	-121.0	-24.0	0.0	-99.0	-1.0	489.0
B389	95	GEO_Eqn_6.12b_nls02	15120	-156.0	-219.0	-1.0	-124.0	-2.0	565.0
B389	95	GEO_Eqn_6.12b_nls02	15600	-156.0	-208.0	-1.0	-124.0	-1.0	668.0
B389	95	GEO_Eqn_6.12b_nls02	15600	-274.0	-243.0	-4.0	-130.0	2.0	727.0
B389	95	GEO_Eqn_6.12b_nls02	15900	-274.0	-236.0	-4.0	-130.0	3.0	799.0
B389	95	GEO_Eqn_6.12b_nls02	16200	-274.0	-230.0	-4.0	-130.0	5.0	869.0
B389	95	GEO_Eqn_6.12b_nls03	0	57.0	-193.0	-4.0	-44.0	-5.0	127.0
B389	95	GEO_Eqn_6.12b_nls03	300	57.0	-186.0	-4.0	-44.0	-4.0	184.0
B389	95	GEO_Eqn_6.12b_nls03	600	57.0	-179.0	-4.0	-44.0	-3.0	239.0
B389	95	GEO_Eqn_6.12b_nls03	600	88.0	-50.0	-3.0	-43.0	1.0	253.0
B389	95	GEO_Eqn_6.12b_nls03	1080	88.0	-39.0	-3.0	-43.0	2.0	274.0
B389	95	GEO_Eqn_6.12b_nls03	1080	87.0	-3.0	0.1	-40.0	4.0	283.0
B389	95	GEO_Eqn_6.12b_nls03	1200	87.0	-1.0	0.1	-40.0	4.0	283.0
B389	95	GEO_Eqn_6.12b_nls03	1200	102.0	-19.0	2.0	-39.0	3.0	280.0
B389	95	GEO_Eqn_6.12b_nls03	1500	102.0	-12.0	2.0	-39.0	3.0	284.0
B389	95	GEO_Eqn_6.12b_nls03	1800	102.0	-6.0	2.0	-39.0	2.0	287.0
B389	95	GEO_Eqn_6.12b_nls03	1800	99.0	-31.0	1.0	-37.0	1.0	294.0
B389	95	GEO_Eqn_6.12b_nls03	2160	99.0	-23.0	1.0	-37.0	0.2	304.0
B389	95	GEO_Eqn_6.12b_nls03	2160	106.0	-3.0	-0.2	-34.0	-1.0	311.0
B389	95	GEO_Eqn_6.12b_nls03	2400	106.0	3.0	-0.2	-34.0	-1.0	311.0
B389	95	GEO_Eqn_6.12b_nls03	2400	88.0	-64.0	-0.4	-32.0	-0.5	312.0
B389	95	GEO_Eqn_6.12b_nls03	2700	88.0	-57.0	-0.4	-32.0	-0.3	330.0
B389	95	GEO_Eqn_6.12b_nls03	3000	88.0	-50.0	-0.4	-32.0	-0.2	346.0
B389	95	GEO_Eqn_6.12b_nls03	3000	45.0	-26.0	0.1	-30.0	-0.1	360.0
B389	95	GEO_Eqn_6.12b_nls03	3240	45.0	-21.0	0.1	-30.0	-0.2	366.0
B389	95	GEO_Eqn_6.12b_nls03	3240	41.0	-14.0	-0.3	-25.0	0.2	378.0
B389	95	GEO_Eqn_6.12b_nls03	3600	41.0	-6.0	-0.3	-25.0	0.4	382.0
B389	95	GEO_Eqn_6.12b_nls03	3600	-28.0	6.0	0.0	-24.0	1.0	387.0
B389	95	GEO_Eqn_6.12b_nls03	3900	-28.0	13.0	0.0	-24.0	1.0	384.0
B389	95	GEO_Eqn_6.12b_nls03	4200	-28.0	20.0	0.0	-24.0	1.0	380.0
B389	95	GEO_Eqn_6.12b_nls03	4200	-132.0	16.0	0.0	-20.0	1.0	395.0
B389	95	GEO_Eqn_6.12b_nls03	4320	-132.0	18.0	0.0	-20.0	1.0	393.0
B389	95	GEO_Eqn_6.12b_nls03	4320	-164.0	202.0	0.5	-14.0	0.0	333.0
B389	95	GEO_Eqn_6.12b_nls03	4800	-164.0	212.0	0.5	-14.0	-0.2	234.0
B389	95	GEO_Eqn_6.12b_nls03	4800	-293.0	768.0	1.0	-13.0	-1.0	169.0
B389	95	GEO_Eqn_6.12b_nls03	5100	-293.0	774.0	1.0	-13.0	-1.0	-63.0
B389	95	GEO_Eqn_6.12b_nls03	5400	-293.0	781.0	1.0	-13.0	-2.0	-296.0
B389	95	GEO_Eqn_6.12b_nls03	5400	7.0	-218.0	-1.0	9.0	-0.4	-326.0
B389	95	GEO_Eqn_6.12b_nls03	5760	7.0	-210.0	-1.0	9.0	-0.2	-249.0
B389	95	GEO_Eqn_6.12b_nls03	6120	7.0	-202.0	-1.0	9.0	0.0	-175.0
B389	95	GEO_Eqn_6.12b_nls03	6480	7.0	-194.0	-1.0	9.0	0.2	-103.0
B389	95	GEO_Eqn_6.12b_nls03	6480	0.1	-98.0	0.0	28.0	0.1	-102.0
B389	95	GEO_Eqn_6.12b_nls03	6840	0.1	-90.0	0.0	28.0	0.1	-68.0
B389	95	GEO_Eqn_6.12b_nls03	7200	0.1	-82.0	0.0	28.0	0.1	-37.0
B389	95	GEO_Eqn_6.12b_nls03	7560	0.1	-74.0	0.0	28.0	0.1	-9.0
B389	95	GEO_Eqn_6.12b_nls03	7560	-2.0	27.0	0.0	49.0	0.0	-13.0
B389	95	GEO_Eqn_6.12b_nls03	7920	-2.0	35.0	0.0	49.0	0.0	-24.0
B389	95	GEO_Eqn_6.12b_nls03	8280	-2.0	43.0	0.0	49.0	0.0	-38.0
B389	95	GEO_Eqn_6.12b_nls03	8640	-2.0	51.0	0.0	49.0	0.0	-55.0
B389	95	GEO_Eqn_6.12b_nls03	8640	-3.0	152.0	-0.1	70.0	0.0	-62.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls03	9000	-3.0	160.0	-0.1	70.0	0.1	-118.0
B389	95	GEO_Eqn_6.12b_nls03	9360	-3.0	168.0	-0.1	70.0	0.1	-177.0
B389	95	GEO_Eqn_6.12b_nls03	9720	-3.0	176.0	-0.1	70.0	0.2	-239.0
B389	95	GEO_Eqn_6.12b_nls03	9720	-2.0	285.0	1.0	93.0	0.2	-244.0
B389	95	GEO_Eqn_6.12b_nls03	10080	-2.0	293.0	1.0	93.0	0.0	-348.0
B389	95	GEO_Eqn_6.12b_nls03	10440	-2.0	301.0	1.0	93.0	-0.2	-455.0
B389	95	GEO_Eqn_6.12b_nls03	10800	-2.0	309.0	1.0	93.0	-0.4	-565.0
B389	95	GEO_Eqn_6.12b_nls03	10800	-104.0	-581.0	-1.0	117.0	-1.0	-540.0
B389	95	GEO_Eqn_6.12b_nls03	11100	-104.0	-574.0	-1.0	117.0	-1.0	-367.0
B389	95	GEO_Eqn_6.12b_nls03	11400	-104.0	-567.0	-1.0	117.0	-1.0	-195.0
B389	95	GEO_Eqn_6.12b_nls03	11400	-46.0	-266.0	-0.3	118.0	0.0	-118.0
B389	95	GEO_Eqn_6.12b_nls03	11880	-46.0	-255.0	-0.3	118.0	0.1	7.0
B389	95	GEO_Eqn_6.12b_nls03	11880	-21.0	-23.0	0.0	133.0	0.1	84.0
B389	95	GEO_Eqn_6.12b_nls03	12000	-21.0	-21.0	0.0	133.0	0.1	87.0
B389	95	GEO_Eqn_6.12b_nls03	12000	29.0	-164.0	0.0	139.0	0.1	82.0
B389	95	GEO_Eqn_6.12b_nls03	12300	29.0	-158.0	0.0	139.0	0.1	130.0
B389	95	GEO_Eqn_6.12b_nls03	12600	29.0	-151.0	0.0	139.0	0.1	177.0
B389	95	GEO_Eqn_6.12b_nls03	12600	64.0	-62.0	0.1	143.0	0.1	197.0
B389	95	GEO_Eqn_6.12b_nls03	12960	64.0	-54.0	0.1	143.0	0.0	218.0
B389	95	GEO_Eqn_6.12b_nls03	12960	74.0	-16.0	-0.1	159.0	0.1	242.0
B389	95	GEO_Eqn_6.12b_nls03	13200	74.0	-11.0	-0.1	159.0	0.1	245.0
B389	95	GEO_Eqn_6.12b_nls03	13200	93.0	-83.0	-0.1	164.0	0.2	248.0
B389	95	GEO_Eqn_6.12b_nls03	13500	93.0	-76.0	-0.1	164.0	0.2	272.0
B389	95	GEO_Eqn_6.12b_nls03	13800	93.0	-69.0	-0.1	164.0	0.2	294.0
B389	95	GEO_Eqn_6.12b_nls03	13800	85.0	-35.0	0.1	171.0	0.2	310.0
B389	95	GEO_Eqn_6.12b_nls03	14040	85.0	-30.0	0.1	171.0	0.2	318.0
B389	95	GEO_Eqn_6.12b_nls03	14040	81.0	-38.0	-0.3	191.0	0.5	344.0
B389	95	GEO_Eqn_6.12b_nls03	14400	81.0	-30.0	-0.3	191.0	1.0	356.0
B389	95	GEO_Eqn_6.12b_nls03	14400	53.0	-140.0	-0.1	195.0	1.0	373.0
B389	95	GEO_Eqn_6.12b_nls03	14700	53.0	-134.0	-0.1	195.0	1.0	414.0
B389	95	GEO_Eqn_6.12b_nls03	15000	53.0	-127.0	-0.1	195.0	1.0	453.0
B389	95	GEO_Eqn_6.12b_nls03	15000	-12.0	-13.0	0.0	207.0	1.0	465.0
B389	95	GEO_Eqn_6.12b_nls03	15120	-12.0	-10.0	0.0	207.0	1.0	467.0
B389	95	GEO_Eqn_6.12b_nls03	15120	-43.0	-89.0	1.0	230.0	1.0	500.0
B389	95	GEO_Eqn_6.12b_nls03	15600	-43.0	-78.0	1.0	230.0	1.0	540.0
B389	95	GEO_Eqn_6.12b_nls03	15600	-145.0	16.0	3.0	235.0	-1.0	560.0
B389	95	GEO_Eqn_6.12b_nls03	15900	-145.0	23.0	3.0	235.0	-2.0	554.0
B389	95	GEO_Eqn_6.12b_nls03	16200	-145.0	29.0	3.0	235.0	-3.0	546.0
B389	95	GEO_Eqn_6.12b_nls04	0	44.0	-212.0	-5.0	-52.0	-6.0	179.0
B389	95	GEO_Eqn_6.12b_nls04	300	44.0	-206.0	-5.0	-52.0	-4.0	242.0
B389	95	GEO_Eqn_6.12b_nls04	600	44.0	-199.0	-5.0	-52.0	-3.0	303.0
B389	95	GEO_Eqn_6.12b_nls04	600	75.0	-22.0	-3.0	-52.0	1.0	314.0
B389	95	GEO_Eqn_6.12b_nls04	1080	75.0	-12.0	-3.0	-52.0	3.0	322.0
B389	95	GEO_Eqn_6.12b_nls04	1080	69.0	-0.2	0.1	-48.0	5.0	321.0
B389	95	GEO_Eqn_6.12b_nls04	1200	69.0	3.0	0.1	-48.0	5.0	321.0
B389	95	GEO_Eqn_6.12b_nls04	1200	78.0	63.0	3.0	-47.0	4.0	315.0
B389	95	GEO_Eqn_6.12b_nls04	1500	78.0	69.0	3.0	-47.0	3.0	295.0
B389	95	GEO_Eqn_6.12b_nls04	1800	78.0	76.0	2.0	-47.0	2.0	273.0
B389	95	GEO_Eqn_6.12b_nls04	1800	65.0	27.0	1.0	-45.0	1.0	265.0
B389	95	GEO_Eqn_6.12b_nls04	2160	65.0	35.0	1.0	-45.0	0.2	254.0
B389	95	GEO_Eqn_6.12b_nls04	2160	67.0	29.0	-0.2	-41.0	-1.0	229.0
B389	95	GEO_Eqn_6.12b_nls04	2400	67.0	35.0	-0.2	-41.0	-1.0	221.0
B389	95	GEO_Eqn_6.12b_nls04	2400	40.0	115.0	-0.4	-40.0	-1.0	207.0
B389	95	GEO_Eqn_6.12b_nls04	2700	40.0	122.0	-0.4	-40.0	-0.4	172.0
B389	95	GEO_Eqn_6.12b_nls04	3000	40.0	128.0	-0.4	-40.0	-0.3	134.0
B389	95	GEO_Eqn_6.12b_nls04	3000	-2.0	37.0	0.1	-37.0	-0.2	125.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls04	3240	-2.0	42.0	0.1	-37.0	-0.2	116.0
B389	95	GEO_Eqn_6.12b_nls04	3240	-7.0	102.0	-0.3	-32.0	0.2	64.0
B389	95	GEO_Eqn_6.12b_nls04	3600	-7.0	110.0	-0.3	-32.0	0.3	26.0
B389	95	GEO_Eqn_6.12b_nls04	3600	-58.0	306.0	0.0	-30.0	1.0	-8.0
B389	95	GEO_Eqn_6.12b_nls04	3900	-58.0	313.0	0.0	-30.0	1.0	-101.0
B389	95	GEO_Eqn_6.12b_nls04	4200	-58.0	320.0	0.0	-30.0	1.0	-196.0
B389	95	GEO_Eqn_6.12b_nls04	4200	-100.0	38.0	0.0	-27.0	1.0	-195.0
B389	95	GEO_Eqn_6.12b_nls04	4320	-100.0	41.0	0.0	-27.0	1.0	-200.0
B389	95	GEO_Eqn_6.12b_nls04	4320	-110.0	398.0	1.0	-20.0	0.1	-329.0
B389	95	GEO_Eqn_6.12b_nls04	4800	-110.0	409.0	1.0	-20.0	-0.2	-523.0
B389	95	GEO_Eqn_6.12b_nls04	4800	-130.0	744.0	1.0	-19.0	-1.0	-624.0
B389	95	GEO_Eqn_6.12b_nls04	5100	-130.0	751.0	1.0	-19.0	-1.0	-848.0
B389	95	GEO_Eqn_6.12b_nls04	5400	-130.0	757.0	1.0	-19.0	-2.0	-1074.0
B389	95	GEO_Eqn_6.12b_nls04	5400	3.0	-531.0	-0.5	5.0	-0.3	-1111.0
B389	95	GEO_Eqn_6.12b_nls04	5760	3.0	-523.0	-0.5	5.0	-0.1	-922.0
B389	95	GEO_Eqn_6.12b_nls04	6120	3.0	-515.0	-0.5	5.0	0.0	-735.0
B389	95	GEO_Eqn_6.12b_nls04	6480	3.0	-507.0	-0.5	5.0	0.2	-551.0
B389	95	GEO_Eqn_6.12b_nls04	6480	-1.0	-410.0	0.0	25.0	0.1	-548.0
B389	95	GEO_Eqn_6.12b_nls04	6840	-1.0	-402.0	0.0	25.0	0.1	-402.0
B389	95	GEO_Eqn_6.12b_nls04	7200	-1.0	-394.0	0.0	25.0	0.1	-259.0
B389	95	GEO_Eqn_6.12b_nls04	7560	-1.0	-386.0	0.0	25.0	0.1	-118.0
B389	95	GEO_Eqn_6.12b_nls04	7560	-2.0	-285.0	0.0	47.0	0.0	-120.0
B389	95	GEO_Eqn_6.12b_nls04	7920	-2.0	-277.0	0.0	47.0	0.0	-19.0
B389	95	GEO_Eqn_6.12b_nls04	8280	-2.0	-269.0	0.0	47.0	0.0	79.0
B389	95	GEO_Eqn_6.12b_nls04	8640	-2.0	-261.0	0.0	47.0	0.0	174.0
B389	95	GEO_Eqn_6.12b_nls04	8640	-1.0	-161.0	-0.1	69.0	0.0	169.0
B389	95	GEO_Eqn_6.12b_nls04	9000	-1.0	-153.0	-0.1	69.0	0.0	226.0
B389	95	GEO_Eqn_6.12b_nls04	9360	-1.0	-145.0	-0.1	69.0	0.1	279.0
B389	95	GEO_Eqn_6.12b_nls04	9720	-1.0	-137.0	-0.1	69.0	0.1	330.0
B389	95	GEO_Eqn_6.12b_nls04	9720	1.0	-32.0	0.3	92.0	0.1	327.0
B389	95	GEO_Eqn_6.12b_nls04	10080	1.0	-24.0	0.3	92.0	0.0	337.0
B389	95	GEO_Eqn_6.12b_nls04	10440	1.0	-16.0	0.3	92.0	-0.1	344.0
B389	95	GEO_Eqn_6.12b_nls04	10800	1.0	-7.0	0.3	92.0	-0.2	348.0
B389	95	GEO_Eqn_6.12b_nls04	10800	-178.0	-345.0	-0.3	108.0	-1.0	314.0
B389	95	GEO_Eqn_6.12b_nls04	11100	-178.0	-338.0	-0.3	108.0	-1.0	416.0
B389	95	GEO_Eqn_6.12b_nls04	11400	-178.0	-331.0	-0.3	108.0	-0.4	517.0
B389	95	GEO_Eqn_6.12b_nls04	11400	-52.0	-31.0	-0.2	110.0	-0.1	535.0
B389	95	GEO_Eqn_6.12b_nls04	11880	-52.0	-21.0	-0.2	110.0	0.0	547.0
B389	95	GEO_Eqn_6.12b_nls04	11880	-12.0	2.0	0.0	123.0	-0.1	543.0
B389	95	GEO_Eqn_6.12b_nls04	12000	-12.0	5.0	0.0	123.0	-0.1	543.0
B389	95	GEO_Eqn_6.12b_nls04	12000	67.0	125.0	-0.1	128.0	0.0	524.0
B389	95	GEO_Eqn_6.12b_nls04	12300	67.0	131.0	-0.1	128.0	0.0	486.0
B389	95	GEO_Eqn_6.12b_nls04	12600	67.0	138.0	-0.1	128.0	0.0	446.0
B389	95	GEO_Eqn_6.12b_nls04	12600	97.0	42.0	0.0	131.0	0.0	426.0
B389	95	GEO_Eqn_6.12b_nls04	12960	97.0	50.0	0.0	131.0	0.0	409.0
B389	95	GEO_Eqn_6.12b_nls04	12960	102.0	39.0	0.0	146.0	0.0	373.0
B389	95	GEO_Eqn_6.12b_nls04	13200	102.0	45.0	0.0	146.0	0.0	363.0
B389	95	GEO_Eqn_6.12b_nls04	13200	107.0	87.0	-0.1	151.0	0.1	343.0
B389	95	GEO_Eqn_6.12b_nls04	13500	107.0	94.0	-0.1	151.0	0.2	316.0
B389	95	GEO_Eqn_6.12b_nls04	13800	107.0	101.0	-0.1	151.0	0.2	286.0
B389	95	GEO_Eqn_6.12b_nls04	13800	84.0	-4.0	0.0	157.0	0.2	286.0
B389	95	GEO_Eqn_6.12b_nls04	14040	84.0	1.0	0.0	157.0	0.1	286.0
B389	95	GEO_Eqn_6.12b_nls04	14040	73.0	19.0	-0.2	175.0	0.4	280.0
B389	95	GEO_Eqn_6.12b_nls04	14400	73.0	27.0	-0.2	175.0	1.0	272.0
B389	95	GEO_Eqn_6.12b_nls04	14400	36.0	-61.0	-0.1	179.0	1.0	271.0
B389	95	GEO_Eqn_6.12b_nls04	14700	36.0	-54.0	-0.1	179.0	1.0	288.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls04	15000	36.0	-47.0	-0.1	179.0	1.0	303.0
B389	95	GEO_Eqn_6.12b_nls04	15000	-20.0	-12.0	0.0	190.0	1.0	311.0
B389	95	GEO_Eqn_6.12b_nls04	15120	-20.0	-9.0	0.0	190.0	1.0	312.0
B389	95	GEO_Eqn_6.12b_nls04	15120	-47.0	-86.0	1.0	211.0	1.0	343.0
B389	95	GEO_Eqn_6.12b_nls04	15600	-47.0	-76.0	1.0	211.0	1.0	382.0
B389	95	GEO_Eqn_6.12b_nls04	15600	-123.0	-115.0	2.0	216.0	-1.0	408.0
B389	95	GEO_Eqn_6.12b_nls04	15900	-123.0	-108.0	2.0	216.0	-2.0	441.0
B389	95	GEO_Eqn_6.12b_nls04	16200	-123.0	-101.0	2.0	216.0	-2.0	473.0
B389	95	GEO_Eqn_6.12b_nls05	0	-213.0	-98.0	3.0	-101.0	2.0	107.0
B389	95	GEO_Eqn_6.12b_nls05	300	-213.0	-91.0	3.0	-101.0	1.0	135.0
B389	95	GEO_Eqn_6.12b_nls05	600	-213.0	-84.0	3.0	-101.0	1.0	161.0
B389	95	GEO_Eqn_6.12b_nls05	600	-128.0	-39.0	1.0	-102.0	-1.0	165.0
B389	95	GEO_Eqn_6.12b_nls05	1080	-128.0	-28.0	1.0	-102.0	-1.0	181.0
B389	95	GEO_Eqn_6.12b_nls05	1080	-109.0	-2.0	0.0	-103.0	-1.0	188.0
B389	95	GEO_Eqn_6.12b_nls05	1200	-109.0	0.3	0.0	-103.0	-1.0	188.0
B389	95	GEO_Eqn_6.12b_nls05	1200	-35.0	-40.0	-0.4	-104.0	-1.0	182.0
B389	95	GEO_Eqn_6.12b_nls05	1500	-35.0	-33.0	-0.4	-104.0	-1.0	193.0
B389	95	GEO_Eqn_6.12b_nls05	1800	-35.0	-27.0	-0.4	-104.0	-0.4	202.0
B389	95	GEO_Eqn_6.12b_nls05	1800	28.0	-44.0	-0.3	-104.0	-0.1	209.0
B389	95	GEO_Eqn_6.12b_nls05	2160	28.0	-36.0	-0.3	-104.0	0.0	223.0
B389	95	GEO_Eqn_6.12b_nls05	2160	34.0	-9.0	0.1	-103.0	0.3	237.0
B389	95	GEO_Eqn_6.12b_nls05	2400	34.0	-4.0	0.1	-103.0	0.3	239.0
B389	95	GEO_Eqn_6.12b_nls05	2400	83.0	-94.0	0.1	-104.0	0.2	239.0
B389	95	GEO_Eqn_6.12b_nls05	2700	83.0	-87.0	0.1	-104.0	0.1	266.0
B389	95	GEO_Eqn_6.12b_nls05	3000	83.0	-81.0	0.1	-104.0	0.1	291.0
B389	95	GEO_Eqn_6.12b_nls05	3000	109.0	-37.0	0.0	-103.0	0.0	305.0
B389	95	GEO_Eqn_6.12b_nls05	3240	109.0	-32.0	0.0	-103.0	0.0	314.0
B389	95	GEO_Eqn_6.12b_nls05	3240	107.0	-34.0	0.1	-101.0	0.1	337.0
B389	95	GEO_Eqn_6.12b_nls05	3600	107.0	-26.0	0.1	-101.0	0.0	348.0
B389	95	GEO_Eqn_6.12b_nls05	3600	109.0	-79.0	0.2	-101.0	-0.1	357.0
B389	95	GEO_Eqn_6.12b_nls05	3900	109.0	-73.0	0.2	-101.0	-0.2	379.0
B389	95	GEO_Eqn_6.12b_nls05	4200	109.0	-66.0	0.2	-101.0	-0.3	400.0
B389	95	GEO_Eqn_6.12b_nls05	4200	70.0	2.0	0.0	-100.0	-0.4	412.0
B389	95	GEO_Eqn_6.12b_nls05	4320	70.0	4.0	0.0	-100.0	-0.4	412.0
B389	95	GEO_Eqn_6.12b_nls05	4320	55.0	73.0	-0.4	-98.0	-1.0	392.0
B389	95	GEO_Eqn_6.12b_nls05	4800	55.0	84.0	-0.4	-98.0	-0.4	354.0
B389	95	GEO_Eqn_6.12b_nls05	4800	-16.0	418.0	-1.0	-98.0	0.4	324.0
B389	95	GEO_Eqn_6.12b_nls05	5100	-16.0	424.0	-1.0	-98.0	1.0	197.0
B389	95	GEO_Eqn_6.12b_nls05	5400	-16.0	431.0	-1.0	-98.0	1.0	69.0
B389	95	GEO_Eqn_6.12b_nls05	5400	1.0	-118.0	1.0	-78.0	1.0	54.0
B389	95	GEO_Eqn_6.12b_nls05	5760	1.0	-110.0	1.0	-78.0	0.3	95.0
B389	95	GEO_Eqn_6.12b_nls05	6120	1.0	-102.0	1.0	-78.0	0.1	133.0
B389	95	GEO_Eqn_6.12b_nls05	6480	1.0	-94.0	1.0	-78.0	-0.2	169.0
B389	95	GEO_Eqn_6.12b_nls05	6480	2.0	3.0	0.0	-52.0	-0.1	170.0
B389	95	GEO_Eqn_6.12b_nls05	6840	2.0	11.0	0.0	-52.0	-0.1	167.0
B389	95	GEO_Eqn_6.12b_nls05	7200	2.0	19.0	0.0	-52.0	-0.1	161.0
B389	95	GEO_Eqn_6.12b_nls05	7560	2.0	28.0	0.0	-52.0	-0.1	153.0
B389	95	GEO_Eqn_6.12b_nls05	7560	2.0	130.0	0.0	-25.0	0.0	149.0
B389	95	GEO_Eqn_6.12b_nls05	7920	2.0	138.0	0.0	-25.0	0.0	100.0
B389	95	GEO_Eqn_6.12b_nls05	8280	2.0	146.0	0.0	-25.0	-0.1	49.0
B389	95	GEO_Eqn_6.12b_nls05	8640	2.0	154.0	0.0	-25.0	-0.1	-5.0
B389	95	GEO_Eqn_6.12b_nls05	8640	0.1	257.0	0.3	3.0	-0.1	-13.0
B389	95	GEO_Eqn_6.12b_nls05	9000	0.1	265.0	0.3	3.0	-0.2	-107.0
B389	95	GEO_Eqn_6.12b_nls05	9360	0.1	273.0	0.3	3.0	-0.3	-203.0
B389	95	GEO_Eqn_6.12b_nls05	9720	0.1	281.0	0.3	3.0	-0.4	-303.0
B389	95	GEO_Eqn_6.12b_nls05	9720	-6.0	392.0	-1.0	33.0	-1.0	-309.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls05	10080	-6.0	400.0	-1.0	33.0	0.0	-452.0
B389	95	GEO_Eqn_6.12b_nls05	10440	-6.0	409.0	-1.0	33.0	0.5	-597.0
B389	95	GEO_Eqn_6.12b_nls05	10800	-6.0	417.0	-1.0	33.0	1.0	-746.0
B389	95	GEO_Eqn_6.12b_nls05	10800	156.0	-437.0	3.0	-9.0	4.0	-698.0
B389	95	GEO_Eqn_6.12b_nls05	11100	156.0	-430.0	3.0	-9.0	3.0	-568.0
B389	95	GEO_Eqn_6.12b_nls05	11400	156.0	-423.0	3.0	-9.0	2.0	-440.0
B389	95	GEO_Eqn_6.12b_nls05	11400	122.0	-271.0	1.0	-12.0	-1.0	-364.0
B389	95	GEO_Eqn_6.12b_nls05	11880	122.0	-260.0	1.0	-12.0	-1.0	-237.0
B389	95	GEO_Eqn_6.12b_nls05	11880	112.0	-24.0	0.0	-20.0	-1.0	-155.0
B389	95	GEO_Eqn_6.12b_nls05	12000	112.0	-21.0	0.0	-20.0	-1.0	-152.0
B389	95	GEO_Eqn_6.12b_nls05	12000	91.0	-222.0	-0.1	-24.0	-1.0	-149.0
B389	95	GEO_Eqn_6.12b_nls05	12300	91.0	-215.0	-0.1	-24.0	-1.0	-83.0
B389	95	GEO_Eqn_6.12b_nls05	12600	91.0	-208.0	-0.1	-24.0	-1.0	-20.0
B389	95	GEO_Eqn_6.12b_nls05	12600	72.0	-93.0	-0.3	-28.0	-1.0	15.0
B389	95	GEO_Eqn_6.12b_nls05	12960	72.0	-85.0	-0.3	-28.0	-1.0	47.0
B389	95	GEO_Eqn_6.12b_nls05	12960	73.0	-32.0	0.1	-40.0	-0.3	89.0
B389	95	GEO_Eqn_6.12b_nls05	13200	73.0	-27.0	0.1	-40.0	-0.4	96.0
B389	95	GEO_Eqn_6.12b_nls05	13200	50.0	-154.0	0.0	-44.0	-1.0	111.0
B389	95	GEO_Eqn_6.12b_nls05	13500	50.0	-147.0	0.0	-44.0	-1.0	156.0
B389	95	GEO_Eqn_6.12b_nls05	13800	50.0	-141.0	0.0	-44.0	-1.0	199.0
B389	95	GEO_Eqn_6.12b_nls05	13800	14.0	-56.0	-0.1	-51.0	-0.4	227.0
B389	95	GEO_Eqn_6.12b_nls05	14040	14.0	-51.0	-0.1	-51.0	-0.4	240.0
B389	95	GEO_Eqn_6.12b_nls05	14040	7.0	-78.0	0.4	-68.0	-1.0	289.0
B389	95	GEO_Eqn_6.12b_nls05	14400	7.0	-70.0	0.4	-68.0	-1.0	315.0
B389	95	GEO_Eqn_6.12b_nls05	14400	-45.0	-262.0	0.0	-73.0	-1.0	350.0
B389	95	GEO_Eqn_6.12b_nls05	14700	-45.0	-256.0	0.0	-73.0	-1.0	427.0
B389	95	GEO_Eqn_6.12b_nls05	15000	-45.0	-249.0	0.0	-73.0	-1.0	503.0
B389	95	GEO_Eqn_6.12b_nls05	15000	-130.0	-26.0	0.0	-84.0	-1.0	521.0
B389	95	GEO_Eqn_6.12b_nls05	15120	-130.0	-23.0	0.0	-84.0	-1.0	524.0
B389	95	GEO_Eqn_6.12b_nls05	15120	-167.0	-216.0	-1.0	-106.0	-2.0	600.0
B389	95	GEO_Eqn_6.12b_nls05	15600	-167.0	-205.0	-1.0	-106.0	-1.0	701.0
B389	95	GEO_Eqn_6.12b_nls05	15600	-294.0	-203.0	-3.0	-112.0	2.0	758.0
B389	95	GEO_Eqn_6.12b_nls05	15900	-294.0	-197.0	-3.0	-112.0	3.0	818.0
B389	95	GEO_Eqn_6.12b_nls05	16200	-294.0	-190.0	-3.0	-112.0	4.0	876.0
B389	95	GEO_Eqn_6.12b_nls06	0	-257.0	-109.0	2.0	-111.0	1.0	157.0
B389	95	GEO_Eqn_6.12b_nls06	300	-257.0	-102.0	2.0	-111.0	1.0	189.0
B389	95	GEO_Eqn_6.12b_nls06	600	-257.0	-95.0	2.0	-111.0	0.0	218.0
B389	95	GEO_Eqn_6.12b_nls06	600	-168.0	-11.0	0.1	-111.0	-1.0	218.0
B389	95	GEO_Eqn_6.12b_nls06	1080	-168.0	-0.2	0.1	-111.0	-1.0	221.0
B389	95	GEO_Eqn_6.12b_nls06	1080	-152.0	1.0	0.0	-112.0	0.1	218.0
B389	95	GEO_Eqn_6.12b_nls06	1200	-152.0	4.0	0.0	-112.0	0.1	218.0
B389	95	GEO_Eqn_6.12b_nls06	1200	-78.0	36.0	0.0	-113.0	0.0	208.0
B389	95	GEO_Eqn_6.12b_nls06	1500	-78.0	43.0	0.0	-113.0	0.0	196.0
B389	95	GEO_Eqn_6.12b_nls06	1800	-78.0	50.0	0.0	-113.0	0.0	182.0
B389	95	GEO_Eqn_6.12b_nls06	1800	-15.0	9.0	-0.1	-113.0	0.1	174.0
B389	95	GEO_Eqn_6.12b_nls06	2160	-15.0	17.0	-0.1	-113.0	0.1	170.0
B389	95	GEO_Eqn_6.12b_nls06	2160	-14.0	20.0	0.0	-112.0	0.2	154.0
B389	95	GEO_Eqn_6.12b_nls06	2400	-14.0	26.0	0.0	-112.0	0.2	149.0
B389	95	GEO_Eqn_6.12b_nls06	2400	36.0	74.0	0.2	-112.0	0.1	134.0
B389	95	GEO_Eqn_6.12b_nls06	2700	36.0	81.0	0.2	-112.0	0.1	110.0
B389	95	GEO_Eqn_6.12b_nls06	3000	36.0	87.0	0.2	-112.0	0.0	85.0
B389	95	GEO_Eqn_6.12b_nls06	3000	73.0	23.0	0.0	-111.0	0.0	76.0
B389	95	GEO_Eqn_6.12b_nls06	3240	73.0	28.0	0.0	-111.0	0.0	70.0
B389	95	GEO_Eqn_6.12b_nls06	3240	69.0	77.0	0.1	-109.0	0.0	32.0
B389	95	GEO_Eqn_6.12b_nls06	3600	69.0	85.0	0.1	-109.0	0.0	3.0
B389	95	GEO_Eqn_6.12b_nls06	3600	99.0	214.0	0.3	-109.0	-0.2	-27.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls06	3900	99.0	221.0	0.3	-109.0	-0.3	-92.0
B389	95	GEO_Eqn_6.12b_nls06	4200	99.0	228.0	0.3	-109.0	-0.4	-160.0
B389	95	GEO_Eqn_6.12b_nls06	4200	128.0	24.0	0.0	-108.0	-0.5	-162.0
B389	95	GEO_Eqn_6.12b_nls06	4320	128.0	27.0	0.0	-108.0	-0.5	-165.0
B389	95	GEO_Eqn_6.12b_nls06	4320	135.0	269.0	-0.3	-105.0	-1.0	-255.0
B389	95	GEO_Eqn_6.12b_nls06	4800	135.0	280.0	-0.3	-105.0	-0.4	-387.0
B389	95	GEO_Eqn_6.12b_nls06	4800	177.0	404.0	-1.0	-105.0	0.3	-453.0
B389	95	GEO_Eqn_6.12b_nls06	5100	177.0	410.0	-1.0	-105.0	1.0	-575.0
B389	95	GEO_Eqn_6.12b_nls06	5400	177.0	417.0	-1.0	-105.0	1.0	-699.0
B389	95	GEO_Eqn_6.12b_nls06	5400	-4.0	-427.0	1.0	-84.0	1.0	-721.0
B389	95	GEO_Eqn_6.12b_nls06	5760	-4.0	-419.0	1.0	-84.0	0.4	-569.0
B389	95	GEO_Eqn_6.12b_nls06	6120	-4.0	-411.0	1.0	-84.0	0.1	-419.0
B389	95	GEO_Eqn_6.12b_nls06	6480	-4.0	-403.0	1.0	-84.0	-0.2	-273.0
B389	95	GEO_Eqn_6.12b_nls06	6480	2.0	-305.0	0.0	-57.0	-0.2	-271.0
B389	95	GEO_Eqn_6.12b_nls06	6840	2.0	-297.0	0.0	-57.0	-0.2	-162.0
B389	95	GEO_Eqn_6.12b_nls06	7200	2.0	-289.0	0.0	-57.0	-0.2	-57.0
B389	95	GEO_Eqn_6.12b_nls06	7560	2.0	-281.0	0.0	-57.0	-0.1	46.0
B389	95	GEO_Eqn_6.12b_nls06	7560	3.0	-178.0	0.0	-28.0	-0.1	43.0
B389	95	GEO_Eqn_6.12b_nls06	7920	3.0	-170.0	0.0	-28.0	-0.1	106.0
B389	95	GEO_Eqn_6.12b_nls06	8280	3.0	-162.0	0.0	-28.0	-0.1	166.0
B389	95	GEO_Eqn_6.12b_nls06	8640	3.0	-154.0	0.0	-28.0	-0.1	223.0
B389	95	GEO_Eqn_6.12b_nls06	8640	2.0	-53.0	0.3	0.3	-0.1	216.0
B389	95	GEO_Eqn_6.12b_nls06	9000	2.0	-45.0	0.3	0.3	-0.3	234.0
B389	95	GEO_Eqn_6.12b_nls06	9360	2.0	-37.0	0.3	0.3	-0.4	249.0
B389	95	GEO_Eqn_6.12b_nls06	9720	2.0	-29.0	0.3	0.3	-0.5	260.0
B389	95	GEO_Eqn_6.12b_nls06	9720	-3.0	79.0	-2.0	31.0	-1.0	256.0
B389	95	GEO_Eqn_6.12b_nls06	10080	-3.0	88.0	-2.0	31.0	0.0	226.0
B389	95	GEO_Eqn_6.12b_nls06	10440	-3.0	96.0	-2.0	31.0	1.0	193.0
B389	95	GEO_Eqn_6.12b_nls06	10800	-3.0	104.0	-2.0	31.0	1.0	157.0
B389	95	GEO_Eqn_6.12b_nls06	10800	99.0	-213.0	3.0	-22.0	4.0	147.0
B389	95	GEO_Eqn_6.12b_nls06	11100	99.0	-206.0	3.0	-22.0	3.0	210.0
B389	95	GEO_Eqn_6.12b_nls06	11400	99.0	-199.0	3.0	-22.0	2.0	271.0
B389	95	GEO_Eqn_6.12b_nls06	11400	131.0	-42.0	2.0	-25.0	-1.0	289.0
B389	95	GEO_Eqn_6.12b_nls06	11880	131.0	-32.0	2.0	-25.0	-1.0	306.0
B389	95	GEO_Eqn_6.12b_nls06	11880	136.0	0.4	0.0	-35.0	-1.0	309.0
B389	95	GEO_Eqn_6.12b_nls06	12000	136.0	3.0	0.0	-35.0	-1.0	309.0
B389	95	GEO_Eqn_6.12b_nls06	12000	141.0	62.0	-0.2	-40.0	-1.0	299.0
B389	95	GEO_Eqn_6.12b_nls06	12300	141.0	69.0	-0.2	-40.0	-1.0	280.0
B389	95	GEO_Eqn_6.12b_nls06	12600	141.0	75.0	-0.2	-40.0	-1.0	258.0
B389	95	GEO_Eqn_6.12b_nls06	12600	114.0	9.0	-0.4	-44.0	-1.0	254.0
B389	95	GEO_Eqn_6.12b_nls06	12960	114.0	17.0	-0.4	-44.0	-1.0	249.0
B389	95	GEO_Eqn_6.12b_nls06	12960	109.0	22.0	0.1	-59.0	-0.4	232.0
B389	95	GEO_Eqn_6.12b_nls06	13200	109.0	27.0	0.1	-59.0	-0.4	226.0
B389	95	GEO_Eqn_6.12b_nls06	13200	69.0	12.0	0.0	-64.0	-1.0	218.0
B389	95	GEO_Eqn_6.12b_nls06	13500	69.0	19.0	0.0	-64.0	-1.0	213.0
B389	95	GEO_Eqn_6.12b_nls06	13800	69.0	26.0	0.0	-64.0	-1.0	206.0
B389	95	GEO_Eqn_6.12b_nls06	13800	12.0	-26.0	-0.1	-72.0	-0.4	219.0
B389	95	GEO_Eqn_6.12b_nls06	14040	12.0	-21.0	-0.1	-72.0	-0.4	225.0
B389	95	GEO_Eqn_6.12b_nls06	14040	-3.0	-23.0	0.4	-92.0	-1.0	242.0
B389	95	GEO_Eqn_6.12b_nls06	14400	-3.0	-15.0	0.4	-92.0	-1.0	248.0
B389	95	GEO_Eqn_6.12b_nls06	14400	-70.0	-184.0	0.0	-97.0	-1.0	266.0
B389	95	GEO_Eqn_6.12b_nls06	14700	-70.0	-178.0	0.0	-97.0	-1.0	321.0
B389	95	GEO_Eqn_6.12b_nls06	15000	-70.0	-171.0	0.0	-97.0	-1.0	373.0
B389	95	GEO_Eqn_6.12b_nls06	15000	-155.0	-25.0	0.0	-110.0	-1.0	387.0
B389	95	GEO_Eqn_6.12b_nls06	15120	-155.0	-23.0	0.0	-110.0	-1.0	390.0
B389	95	GEO_Eqn_6.12b_nls06	15120	-192.0	-209.0	-2.0	-135.0	-2.0	462.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls06	15600	-192.0	-198.0	-2.0	-135.0	-1.0	559.0
B389	95	GEO_Eqn_6.12b_nls06	15600	-303.0	-308.0	-4.0	-142.0	2.0	621.0
B389	95	GEO_Eqn_6.12b_nls06	15900	-303.0	-301.0	-4.0	-142.0	4.0	712.0
B389	95	GEO_Eqn_6.12b_nls06	16200	-303.0	-294.0	-4.0	-142.0	5.0	801.0
B389	95	GEO_Eqn_6.12b_nls07	0	50.0	-191.0	-4.0	-40.0	-5.0	115.0
B389	95	GEO_Eqn_6.12b_nls07	300	50.0	-184.0	-4.0	-40.0	-4.0	171.0
B389	95	GEO_Eqn_6.12b_nls07	600	50.0	-177.0	-4.0	-40.0	-3.0	226.0
B389	95	GEO_Eqn_6.12b_nls07	600	83.0	-57.0	-3.0	-40.0	1.0	240.0
B389	95	GEO_Eqn_6.12b_nls07	1080	83.0	-46.0	-3.0	-40.0	2.0	265.0
B389	95	GEO_Eqn_6.12b_nls07	1080	82.0	-4.0	0.1	-37.0	4.0	276.0
B389	95	GEO_Eqn_6.12b_nls07	1200	82.0	-2.0	0.1	-37.0	4.0	276.0
B389	95	GEO_Eqn_6.12b_nls07	1200	101.0	-39.0	2.0	-35.0	3.0	273.0
B389	95	GEO_Eqn_6.12b_nls07	1500	101.0	-32.0	2.0	-35.0	3.0	284.0
B389	95	GEO_Eqn_6.12b_nls07	1800	101.0	-25.0	2.0	-35.0	2.0	292.0
B389	95	GEO_Eqn_6.12b_nls07	1800	103.0	-45.0	1.0	-34.0	1.0	303.0
B389	95	GEO_Eqn_6.12b_nls07	2160	103.0	-37.0	1.0	-34.0	0.2	317.0
B389	95	GEO_Eqn_6.12b_nls07	2160	112.0	-10.0	-0.2	-30.0	-1.0	332.0
B389	95	GEO_Eqn_6.12b_nls07	2400	112.0	-5.0	-0.2	-30.0	-1.0	334.0
B389	95	GEO_Eqn_6.12b_nls07	2400	100.0	-107.0	-0.4	-29.0	-0.5	339.0
B389	95	GEO_Eqn_6.12b_nls07	2700	100.0	-100.0	-0.4	-29.0	-0.4	370.0
B389	95	GEO_Eqn_6.12b_nls07	3000	100.0	-93.0	-0.4	-29.0	-0.2	399.0
B389	95	GEO_Eqn_6.12b_nls07	3000	59.0	-41.0	0.1	-27.0	-0.2	419.0
B389	95	GEO_Eqn_6.12b_nls07	3240	59.0	-35.0	0.1	-27.0	-0.2	428.0
B389	95	GEO_Eqn_6.12b_nls07	3240	56.0	-41.0	-0.3	-22.0	0.3	455.0
B389	95	GEO_Eqn_6.12b_nls07	3600	56.0	-33.0	-0.3	-22.0	0.4	469.0
B389	95	GEO_Eqn_6.12b_nls07	3600	-15.0	-63.0	0.0	-21.0	1.0	483.0
B389	95	GEO_Eqn_6.12b_nls07	3900	-15.0	-56.0	0.0	-21.0	1.0	501.0
B389	95	GEO_Eqn_6.12b_nls07	4200	-15.0	-49.0	0.0	-21.0	1.0	517.0
B389	95	GEO_Eqn_6.12b_nls07	4200	-132.0	11.0	0.0	-17.0	1.0	535.0
B389	95	GEO_Eqn_6.12b_nls07	4320	-132.0	14.0	0.0	-17.0	1.0	534.0
B389	95	GEO_Eqn_6.12b_nls07	4320	-168.0	159.0	0.5	-12.0	0.0	489.0
B389	95	GEO_Eqn_6.12b_nls07	4800	-168.0	170.0	0.5	-12.0	-0.3	410.0
B389	95	GEO_Eqn_6.12b_nls07	4800	-322.0	783.0	1.0	-10.0	-1.0	352.0
B389	95	GEO_Eqn_6.12b_nls07	5100	-322.0	790.0	1.0	-10.0	-1.0	116.0
B389	95	GEO_Eqn_6.12b_nls07	5400	-322.0	796.0	1.0	-10.0	-2.0	-122.0
B389	95	GEO_Eqn_6.12b_nls07	5400	8.0	-149.0	-1.0	11.0	-0.4	-151.0
B389	95	GEO_Eqn_6.12b_nls07	5760	8.0	-141.0	-1.0	11.0	-0.2	-99.0
B389	95	GEO_Eqn_6.12b_nls07	6120	8.0	-133.0	-1.0	11.0	0.0	-49.0
B389	95	GEO_Eqn_6.12b_nls07	6480	8.0	-125.0	-1.0	11.0	0.2	-3.0
B389	95	GEO_Eqn_6.12b_nls07	6480	0.5	-29.0	0.0	30.0	0.1	-2.0
B389	95	GEO_Eqn_6.12b_nls07	6840	0.5	-21.0	0.0	30.0	0.1	7.0
B389	95	GEO_Eqn_6.12b_nls07	7200	0.5	-13.0	0.0	30.0	0.1	13.0
B389	95	GEO_Eqn_6.12b_nls07	7560	0.5	-5.0	0.0	30.0	0.1	16.0
B389	95	GEO_Eqn_6.12b_nls07	7560	-2.0	96.0	0.0	50.0	0.0	12.0
B389	95	GEO_Eqn_6.12b_nls07	7920	-2.0	104.0	0.0	50.0	0.0	-24.0
B389	95	GEO_Eqn_6.12b_nls07	8280	-2.0	112.0	0.0	50.0	0.0	-63.0
B389	95	GEO_Eqn_6.12b_nls07	8640	-2.0	120.0	0.0	50.0	0.0	-104.0
B389	95	GEO_Eqn_6.12b_nls07	8640	-3.0	221.0	-0.1	72.0	0.0	-112.0
B389	95	GEO_Eqn_6.12b_nls07	9000	-3.0	230.0	-0.1	72.0	0.1	-193.0
B389	95	GEO_Eqn_6.12b_nls07	9360	-3.0	238.0	-0.1	72.0	0.1	-277.0
B389	95	GEO_Eqn_6.12b_nls07	9720	-3.0	246.0	-0.1	72.0	0.1	-364.0
B389	95	GEO_Eqn_6.12b_nls07	9720	-3.0	355.0	0.4	94.0	0.1	-370.0
B389	95	GEO_Eqn_6.12b_nls07	10080	-3.0	363.0	0.4	94.0	0.0	-499.0
B389	95	GEO_Eqn_6.12b_nls07	10440	-3.0	372.0	0.4	94.0	-0.2	-631.0
B389	95	GEO_Eqn_6.12b_nls07	10800	-3.0	380.0	0.4	94.0	-0.3	-767.0
B389	95	GEO_Eqn_6.12b_nls07	10800	-72.0	-631.0	-0.5	116.0	-1.0	-728.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls07	11100	-72.0	-624.0	-0.5	116.0	-1.0	-540.0
B389	95	GEO_Eqn_6.12b_nls07	11400	-72.0	-617.0	-0.5	116.0	-1.0	-353.0
B389	95	GEO_Eqn_6.12b_nls07	11400	-32.0	-317.0	-0.3	117.0	0.0	-262.0
B389	95	GEO_Eqn_6.12b_nls07	11880	-32.0	-307.0	-0.3	117.0	0.1	-113.0
B389	95	GEO_Eqn_6.12b_nls07	11880	-12.0	-29.0	0.0	131.0	0.1	-18.0
B389	95	GEO_Eqn_6.12b_nls07	12000	-12.0	-26.0	0.0	131.0	0.1	-14.0
B389	95	GEO_Eqn_6.12b_nls07	12000	29.0	-228.0	0.0	136.0	0.1	-16.0
B389	95	GEO_Eqn_6.12b_nls07	12300	29.0	-221.0	0.0	136.0	0.1	51.0
B389	95	GEO_Eqn_6.12b_nls07	12600	29.0	-214.0	0.0	136.0	0.1	116.0
B389	95	GEO_Eqn_6.12b_nls07	12600	61.0	-85.0	0.1	140.0	0.0	146.0
B389	95	GEO_Eqn_6.12b_nls07	12960	61.0	-77.0	0.0	140.0	0.0	175.0
B389	95	GEO_Eqn_6.12b_nls07	12960	71.0	-28.0	0.0	155.0	0.0	212.0
B389	95	GEO_Eqn_6.12b_nls07	13200	71.0	-23.0	0.0	155.0	0.1	218.0
B389	95	GEO_Eqn_6.12b_nls07	13200	90.0	-121.0	-0.1	160.0	0.1	227.0
B389	95	GEO_Eqn_6.12b_nls07	13500	90.0	-115.0	-0.1	160.0	0.2	262.0
B389	95	GEO_Eqn_6.12b_nls07	13800	90.0	-108.0	-0.1	160.0	0.2	296.0
B389	95	GEO_Eqn_6.12b_nls07	13800	82.0	-42.0	0.0	166.0	0.1	316.0
B389	95	GEO_Eqn_6.12b_nls07	14040	82.0	-37.0	0.0	166.0	0.1	326.0
B389	95	GEO_Eqn_6.12b_nls07	14040	78.0	-52.0	-0.2	184.0	0.4	360.0
B389	95	GEO_Eqn_6.12b_nls07	14400	78.0	-44.0	-0.2	184.0	1.0	377.0
B389	95	GEO_Eqn_6.12b_nls07	14400	49.0	-163.0	-0.1	188.0	1.0	398.0
B389	95	GEO_Eqn_6.12b_nls07	14700	49.0	-156.0	-0.1	188.0	1.0	446.0
B389	95	GEO_Eqn_6.12b_nls07	15000	49.0	-150.0	-0.1	188.0	1.0	492.0
B389	95	GEO_Eqn_6.12b_nls07	15000	-21.0	-13.0	0.0	199.0	1.0	506.0
B389	95	GEO_Eqn_6.12b_nls07	15120	-21.0	-11.0	0.0	199.0	1.0	507.0
B389	95	GEO_Eqn_6.12b_nls07	15120	-54.0	-96.0	1.0	220.0	1.0	543.0
B389	95	GEO_Eqn_6.12b_nls07	15600	-54.0	-85.0	1.0	220.0	1.0	587.0
B389	95	GEO_Eqn_6.12b_nls07	15600	-165.0	35.0	2.0	225.0	-1.0	607.0
B389	95	GEO_Eqn_6.12b_nls07	15900	-165.0	42.0	2.0	225.0	-2.0	595.0
B389	95	GEO_Eqn_6.12b_nls07	16200	-165.0	49.0	2.0	225.0	-2.0	581.0
B389	95	GEO_Eqn_6.12b_nls08	0	70.0	-212.0	-5.0	-49.0	-6.0	170.0
B389	95	GEO_Eqn_6.12b_nls08	300	70.0	-205.0	-5.0	-49.0	-4.0	233.0
B389	95	GEO_Eqn_6.12b_nls08	600	70.0	-198.0	-5.0	-49.0	-3.0	293.0
B389	95	GEO_Eqn_6.12b_nls08	600	96.0	-28.0	-3.0	-48.0	1.0	305.0
B389	95	GEO_Eqn_6.12b_nls08	1080	96.0	-17.0	-3.0	-48.0	3.0	316.0
B389	95	GEO_Eqn_6.12b_nls08	1080	90.0	-1.0	0.1	-45.0	5.0	318.0
B389	95	GEO_Eqn_6.12b_nls08	1200	90.0	2.0	0.1	-45.0	5.0	317.0
B389	95	GEO_Eqn_6.12b_nls08	1200	94.0	47.0	3.0	-43.0	4.0	312.0
B389	95	GEO_Eqn_6.12b_nls08	1500	94.0	54.0	3.0	-43.0	3.0	297.0
B389	95	GEO_Eqn_6.12b_nls08	1800	94.0	61.0	3.0	-43.0	2.0	279.0
B389	95	GEO_Eqn_6.12b_nls08	1800	78.0	15.0	1.0	-42.0	1.0	275.0
B389	95	GEO_Eqn_6.12b_nls08	2160	78.0	23.0	1.0	-42.0	0.2	268.0
B389	95	GEO_Eqn_6.12b_nls08	2160	81.0	23.0	-0.2	-38.0	-1.0	249.0
B389	95	GEO_Eqn_6.12b_nls08	2400	81.0	28.0	-0.2	-38.0	-1.0	243.0
B389	95	GEO_Eqn_6.12b_nls08	2400	50.0	77.0	-0.4	-36.0	-1.0	232.0
B389	95	GEO_Eqn_6.12b_nls08	2700	50.0	84.0	-0.4	-36.0	-0.4	208.0
B389	95	GEO_Eqn_6.12b_nls08	3000	50.0	91.0	-0.4	-36.0	-0.3	182.0
B389	95	GEO_Eqn_6.12b_nls08	3000	2.0	23.0	0.1	-34.0	-0.2	178.0
B389	95	GEO_Eqn_6.12b_nls08	3240	2.0	28.0	0.1	-34.0	-0.2	172.0
B389	95	GEO_Eqn_6.12b_nls08	3240	-3.0	77.0	-0.3	-29.0	0.2	134.0
B389	95	GEO_Eqn_6.12b_nls08	3600	-3.0	85.0	-0.3	-29.0	0.3	105.0
B389	95	GEO_Eqn_6.12b_nls08	3600	-63.0	240.0	0.0	-28.0	1.0	80.0
B389	95	GEO_Eqn_6.12b_nls08	3900	-63.0	246.0	0.0	-28.0	1.0	7.0
B389	95	GEO_Eqn_6.12b_nls08	4200	-63.0	253.0	0.0	-28.0	1.0	-68.0
B389	95	GEO_Eqn_6.12b_nls08	4200	-123.0	33.0	0.0	-24.0	1.0	-63.0
B389	95	GEO_Eqn_6.12b_nls08	4320	-123.0	36.0	0.0	-24.0	1.0	-67.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls08	4320	-139.0	354.0	1.0	-18.0	0.1	-181.0
B389	95	GEO_Eqn_6.12b_nls08	4800	-139.0	365.0	1.0	-18.0	-0.2	-354.0
B389	95	GEO_Eqn_6.12b_nls08	4800	-188.0	753.0	1.0	-17.0	-1.0	-446.0
B389	95	GEO_Eqn_6.12b_nls08	5100	-188.0	759.0	1.0	-17.0	-1.0	-673.0
B389	95	GEO_Eqn_6.12b_nls08	5400	-188.0	766.0	1.0	-17.0	-2.0	-902.0
B389	95	GEO_Eqn_6.12b_nls08	5400	4.0	-462.0	-0.5	7.0	-0.3	-938.0
B389	95	GEO_Eqn_6.12b_nls08	5760	4.0	-454.0	-0.5	7.0	-0.2	-773.0
B389	95	GEO_Eqn_6.12b_nls08	6120	4.0	-446.0	-1.0	7.0	0.0	-611.0
B389	95	GEO_Eqn_6.12b_nls08	6480	4.0	-438.0	-1.0	7.0	0.2	-452.0
B389	95	GEO_Eqn_6.12b_nls08	6480	-1.0	-341.0	0.0	26.0	0.1	-449.0
B389	95	GEO_Eqn_6.12b_nls08	6840	-1.0	-333.0	0.0	26.0	0.1	-328.0
B389	95	GEO_Eqn_6.12b_nls08	7200	-1.0	-325.0	0.0	26.0	0.1	-210.0
B389	95	GEO_Eqn_6.12b_nls08	7560	-1.0	-316.0	0.0	26.0	0.1	-95.0
B389	95	GEO_Eqn_6.12b_nls08	7560	-2.0	-216.0	0.0	48.0	0.0	-97.0
B389	95	GEO_Eqn_6.12b_nls08	7920	-2.0	-208.0	0.0	48.0	0.0	-21.0
B389	95	GEO_Eqn_6.12b_nls08	8280	-2.0	-200.0	0.0	48.0	0.0	53.0
B389	95	GEO_Eqn_6.12b_nls08	8640	-2.0	-192.0	0.0	48.0	0.0	123.0
B389	95	GEO_Eqn_6.12b_nls08	8640	-2.0	-92.0	-0.1	70.0	0.0	117.0
B389	95	GEO_Eqn_6.12b_nls08	9000	-2.0	-84.0	-0.1	70.0	0.0	149.0
B389	95	GEO_Eqn_6.12b_nls08	9360	-2.0	-76.0	-0.1	70.0	0.1	178.0
B389	95	GEO_Eqn_6.12b_nls08	9720	-2.0	-68.0	-0.1	70.0	0.1	204.0
B389	95	GEO_Eqn_6.12b_nls08	9720	1.0	39.0	0.4	93.0	0.1	200.0
B389	95	GEO_Eqn_6.12b_nls08	10080	1.0	47.0	0.4	93.0	0.0	185.0
B389	95	GEO_Eqn_6.12b_nls08	10440	1.0	55.0	0.4	93.0	-0.1	166.0
B389	95	GEO_Eqn_6.12b_nls08	10800	1.0	63.0	0.4	93.0	-0.3	145.0
B389	95	GEO_Eqn_6.12b_nls08	10800	-182.0	-391.0	-0.2	107.0	-0.5	123.0
B389	95	GEO_Eqn_6.12b_nls08	11100	-182.0	-385.0	-0.2	107.0	-0.4	240.0
B389	95	GEO_Eqn_6.12b_nls08	11400	-182.0	-378.0	-0.2	107.0	-0.4	354.0
B389	95	GEO_Eqn_6.12b_nls08	11400	-67.0	-83.0	-0.2	108.0	-0.1	385.0
B389	95	GEO_Eqn_6.12b_nls08	11880	-67.0	-72.0	-0.2	108.0	0.0	422.0
B389	95	GEO_Eqn_6.12b_nls08	11880	-29.0	-4.0	0.0	121.0	-0.1	435.0
B389	95	GEO_Eqn_6.12b_nls08	12000	-29.0	-1.0	0.0	121.0	-0.1	436.0
B389	95	GEO_Eqn_6.12b_nls08	12000	47.0	58.0	-0.1	126.0	-0.1	420.0
B389	95	GEO_Eqn_6.12b_nls08	12300	47.0	65.0	-0.1	126.0	0.0	402.0
B389	95	GEO_Eqn_6.12b_nls08	12600	47.0	72.0	-0.1	126.0	0.0	381.0
B389	95	GEO_Eqn_6.12b_nls08	12600	84.0	17.0	0.0	129.0	0.0	371.0
B389	95	GEO_Eqn_6.12b_nls08	12960	84.0	25.0	0.0	129.0	0.0	363.0
B389	95	GEO_Eqn_6.12b_nls08	12960	90.0	26.0	0.0	142.0	0.0	342.0
B389	95	GEO_Eqn_6.12b_nls08	13200	90.0	31.0	0.0	142.0	0.0	335.0
B389	95	GEO_Eqn_6.12b_nls08	13200	104.0	43.0	-0.1	147.0	0.1	320.0
B389	95	GEO_Eqn_6.12b_nls08	13500	104.0	50.0	-0.1	147.0	0.1	306.0
B389	95	GEO_Eqn_6.12b_nls08	13800	104.0	57.0	-0.1	147.0	0.2	290.0
B389	95	GEO_Eqn_6.12b_nls08	13800	90.0	-13.0	0.0	152.0	0.1	294.0
B389	95	GEO_Eqn_6.12b_nls08	14040	90.0	-7.0	0.0	152.0	0.1	296.0
B389	95	GEO_Eqn_6.12b_nls08	14040	81.0	3.0	-0.2	168.0	0.4	298.0
B389	95	GEO_Eqn_6.12b_nls08	14400	81.0	11.0	-0.2	168.0	0.5	296.0
B389	95	GEO_Eqn_6.12b_nls08	14400	52.0	-86.0	-0.1	172.0	1.0	300.0
B389	95	GEO_Eqn_6.12b_nls08	14700	52.0	-79.0	-0.1	172.0	1.0	325.0
B389	95	GEO_Eqn_6.12b_nls08	15000	52.0	-72.0	-0.1	172.0	1.0	347.0
B389	95	GEO_Eqn_6.12b_nls08	15000	-3.0	-13.0	0.0	182.0	1.0	356.0
B389	95	GEO_Eqn_6.12b_nls08	15120	-3.0	-10.0	0.0	182.0	1.0	357.0
B389	95	GEO_Eqn_6.12b_nls08	15120	-30.0	-92.0	1.0	201.0	1.0	390.0
B389	95	GEO_Eqn_6.12b_nls08	15600	-30.0	-81.0	1.0	201.0	1.0	432.0
B389	95	GEO_Eqn_6.12b_nls08	15600	-109.0	-90.0	2.0	206.0	-1.0	457.0
B389	95	GEO_Eqn_6.12b_nls08	15900	-109.0	-83.0	2.0	206.0	-2.0	483.0
B389	95	GEO_Eqn_6.12b_nls08	16200	-109.0	-77.0	2.0	206.0	-2.0	507.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls09	0	-208.0	-115.0	2.0	-73.0	2.0	44.0
B389	95	GEO_Eqn_6.12b_nls09	300	-208.0	-109.0	2.0	-73.0	1.0	77.0
B389	95	GEO_Eqn_6.12b_nls09	600	-208.0	-102.0	2.0	-73.0	0.4	109.0
B389	95	GEO_Eqn_6.12b_nls09	600	-118.0	-79.0	1.0	-73.0	-1.0	118.0
B389	95	GEO_Eqn_6.12b_nls09	1080	-118.0	-68.0	1.0	-73.0	-1.0	153.0
B389	95	GEO_Eqn_6.12b_nls09	1080	-94.0	-7.0	0.0	-73.0	-1.0	174.0
B389	95	GEO_Eqn_6.12b_nls09	1200	-94.0	-4.0	0.0	-73.0	-1.0	174.0
B389	95	GEO_Eqn_6.12b_nls09	1200	-9.0	-129.0	-0.5	-74.0	-1.0	170.0
B389	95	GEO_Eqn_6.12b_nls09	1500	-9.0	-123.0	-0.5	-74.0	-1.0	208.0
B389	95	GEO_Eqn_6.12b_nls09	1800	-9.0	-116.0	-0.5	-74.0	-0.4	244.0
B389	95	GEO_Eqn_6.12b_nls09	1800	67.0	-104.0	-0.2	-74.0	-0.1	266.0
B389	95	GEO_Eqn_6.12b_nls09	2160	67.0	-95.0	-0.2	-74.0	0.0	302.0
B389	95	GEO_Eqn_6.12b_nls09	2160	80.0	-42.0	0.0	-72.0	0.2	350.0
B389	95	GEO_Eqn_6.12b_nls09	2400	80.0	-37.0	0.0	-72.0	0.2	359.0
B389	95	GEO_Eqn_6.12b_nls09	2400	141.0	-273.0	0.1	-72.0	0.2	374.0
B389	95	GEO_Eqn_6.12b_nls09	2700	141.0	-266.0	0.1	-72.0	0.2	455.0
B389	95	GEO_Eqn_6.12b_nls09	3000	141.0	-260.0	0.1	-72.0	0.1	534.0
B389	95	GEO_Eqn_6.12b_nls09	3000	163.0	-98.0	0.0	-72.0	0.1	571.0
B389	95	GEO_Eqn_6.12b_nls09	3240	163.0	-92.0	0.0	-72.0	0.1	594.0
B389	95	GEO_Eqn_6.12b_nls09	3240	163.0	-146.0	0.0	-69.0	0.2	679.0
B389	95	GEO_Eqn_6.12b_nls09	3600	163.0	-137.0	0.0	-69.0	0.2	730.0
B389	95	GEO_Eqn_6.12b_nls09	3600	142.0	-350.0	0.2	-69.0	0.1	777.0
B389	95	GEO_Eqn_6.12b_nls09	3900	142.0	-343.0	0.2	-69.0	0.1	880.0
B389	95	GEO_Eqn_6.12b_nls09	4200	142.0	-336.0	0.1	-69.0	0.0	982.0
B389	95	GEO_Eqn_6.12b_nls09	4200	35.0	-15.0	0.0	-67.0	0.0	1008.0
B389	95	GEO_Eqn_6.12b_nls09	4320	35.0	-13.0	0.0	-67.0	0.0	1010.0
B389	95	GEO_Eqn_6.12b_nls09	4320	-4.0	-74.0	-0.2	-64.0	-0.4	1045.0
B389	95	GEO_Eqn_6.12b_nls09	4800	-4.0	-64.0	-0.2	-64.0	-0.3	1078.0
B389	95	GEO_Eqn_6.12b_nls09	4800	-192.0	568.0	-1.0	-64.0	0.1	1069.0
B389	95	GEO_Eqn_6.12b_nls09	5100	-192.0	575.0	-1.0	-64.0	0.3	897.0
B389	95	GEO_Eqn_6.12b_nls09	5400	-192.0	581.0	-1.0	-64.0	1.0	724.0
B389	95	GEO_Eqn_6.12b_nls09	5400	5.0	161.0	0.4	-44.0	0.3	711.0
B389	95	GEO_Eqn_6.12b_nls09	5760	5.0	169.0	0.4	-44.0	0.2	651.0
B389	95	GEO_Eqn_6.12b_nls09	6120	5.0	178.0	0.4	-44.0	0.0	589.0
B389	95	GEO_Eqn_6.12b_nls09	6480	5.0	186.0	0.4	-44.0	-0.1	523.0
B389	95	GEO_Eqn_6.12b_nls09	6480	3.0	281.0	0.0	-22.0	0.0	523.0
B389	95	GEO_Eqn_6.12b_nls09	6840	3.0	289.0	0.0	-22.0	0.0	420.0
B389	95	GEO_Eqn_6.12b_nls09	7200	3.0	297.0	0.0	-22.0	0.0	315.0
B389	95	GEO_Eqn_6.12b_nls09	7560	3.0	305.0	0.0	-22.0	0.0	207.0
B389	95	GEO_Eqn_6.12b_nls09	7560	1.0	407.0	0.0	3.0	0.0	201.0
B389	95	GEO_Eqn_6.12b_nls09	7920	1.0	415.0	0.0	3.0	0.0	53.0
B389	95	GEO_Eqn_6.12b_nls09	8280	1.0	423.0	0.0	3.0	0.0	-98.0
B389	95	GEO_Eqn_6.12b_nls09	8640	1.0	431.0	0.0	3.0	0.0	-251.0
B389	95	GEO_Eqn_6.12b_nls09	8640	-1.0	535.0	0.1	28.0	0.0	-261.0
B389	95	GEO_Eqn_6.12b_nls09	9000	-1.0	543.0	0.1	28.0	-0.1	-455.0
B389	95	GEO_Eqn_6.12b_nls09	9360	-1.0	551.0	0.1	28.0	-0.1	-651.0
B389	95	GEO_Eqn_6.12b_nls09	9720	-1.0	559.0	0.1	28.0	-0.2	-851.0
B389	95	GEO_Eqn_6.12b_nls09	9720	-7.0	672.0	-1.0	54.0	-0.3	-859.0
B389	95	GEO_Eqn_6.12b_nls09	10080	-7.0	681.0	-1.0	54.0	0.0	-1102.0
B389	95	GEO_Eqn_6.12b_nls09	10440	-7.0	689.0	-1.0	54.0	0.2	-1349.0
B389	95	GEO_Eqn_6.12b_nls09	10800	-7.0	697.0	-1.0	54.0	0.5	-1598.0
B389	95	GEO_Eqn_6.12b_nls09	10800	166.0	-747.0	1.0	45.0	2.0	-1497.0
B389	95	GEO_Eqn_6.12b_nls09	11100	166.0	-741.0	1.0	45.0	1.0	-1274.0
B389	95	GEO_Eqn_6.12b_nls09	11400	166.0	-734.0	1.0	45.0	1.0	-1053.0
B389	95	GEO_Eqn_6.12b_nls09	11400	97.0	-513.0	1.0	44.0	-0.3	-914.0
B389	95	GEO_Eqn_6.12b_nls09	11880	97.0	-502.0	1.0	44.0	-1.0	-671.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls09	11880	83.0	-50.0	0.0	46.0	-1.0	-506.0
B389	95	GEO_Eqn_6.12b_nls09	12000	83.0	-47.0	0.0	46.0	-1.0	-500.0
B389	95	GEO_Eqn_6.12b_nls09	12000	57.0	-497.0	-0.1	46.0	-1.0	-487.0
B389	95	GEO_Eqn_6.12b_nls09	12300	57.0	-490.0	-0.1	46.0	-1.0	-338.0
B389	95	GEO_Eqn_6.12b_nls09	12600	57.0	-484.0	-0.1	46.0	-1.0	-192.0
B389	95	GEO_Eqn_6.12b_nls09	12600	56.0	-188.0	-0.1	46.0	-0.4	-121.0
B389	95	GEO_Eqn_6.12b_nls09	12960	56.0	-180.0	-0.1	46.0	-0.3	-55.0
B389	95	GEO_Eqn_6.12b_nls09	12960	65.0	-83.0	0.1	46.0	-0.2	42.0
B389	95	GEO_Eqn_6.12b_nls09	13200	65.0	-78.0	0.0	46.0	-0.2	61.0
B389	95	GEO_Eqn_6.12b_nls09	13200	63.0	-304.0	0.0	45.0	-0.2	96.0
B389	95	GEO_Eqn_6.12b_nls09	13500	63.0	-297.0	0.0	45.0	-0.2	186.0
B389	95	GEO_Eqn_6.12b_nls09	13800	63.0	-290.0	0.0	45.0	-0.2	274.0
B389	95	GEO_Eqn_6.12b_nls09	13800	41.0	-80.0	0.0	44.0	-0.2	316.0
B389	95	GEO_Eqn_6.12b_nls09	14040	41.0	-75.0	-0.1	44.0	-0.2	335.0
B389	95	GEO_Eqn_6.12b_nls09	14040	39.0	-122.0	0.1	42.0	-0.2	409.0
B389	95	GEO_Eqn_6.12b_nls09	14400	39.0	-114.0	0.1	42.0	-0.2	451.0
B389	95	GEO_Eqn_6.12b_nls09	14400	-9.0	-294.0	0.0	42.0	-0.3	498.0
B389	95	GEO_Eqn_6.12b_nls09	14700	-9.0	-287.0	0.0	42.0	-0.3	585.0
B389	95	GEO_Eqn_6.12b_nls09	15000	-9.0	-281.0	0.0	42.0	-0.3	670.0
B389	95	GEO_Eqn_6.12b_nls09	15000	-111.0	-20.0	0.0	40.0	-0.3	692.0
B389	95	GEO_Eqn_6.12b_nls09	15120	-111.0	-17.0	0.0	40.0	-0.3	694.0
B389	95	GEO_Eqn_6.12b_nls09	15120	-158.0	-156.0	-0.4	37.0	-0.4	753.0
B389	95	GEO_Eqn_6.12b_nls09	15600	-158.0	-145.0	-0.4	37.0	-0.2	825.0
B389	95	GEO_Eqn_6.12b_nls09	15600	-321.0	74.0	-1.0	36.0	1.0	856.0
B389	95	GEO_Eqn_6.12b_nls09	15900	-321.0	81.0	-1.0	36.0	1.0	833.0
B389	95	GEO_Eqn_6.12b_nls09	16200	-321.0	88.0	-1.0	36.0	1.0	807.0
B389	95	GEO_Eqn_6.12b_nls10	0	-114.0	-137.0	0.1	-55.0	-1.0	49.0
B389	95	GEO_Eqn_6.12b_nls10	300	-114.0	-130.0	0.1	-55.0	-1.0	89.0
B389	95	GEO_Eqn_6.12b_nls10	600	-114.0	-123.0	0.1	-55.0	-1.0	127.0
B389	95	GEO_Eqn_6.12b_nls10	600	-45.0	-81.0	-1.0	-55.0	-0.3	140.0
B389	95	GEO_Eqn_6.12b_nls10	1080	-45.0	-70.0	-1.0	-55.0	0.0	176.0
B389	95	GEO_Eqn_6.12b_nls10	1080	-28.0	-7.0	0.0	-54.0	1.0	196.0
B389	95	GEO_Eqn_6.12b_nls10	1200	-28.0	-4.0	0.0	-54.0	1.0	197.0
B389	95	GEO_Eqn_6.12b_nls10	1200	36.0	-126.0	0.4	-53.0	1.0	194.0
B389	95	GEO_Eqn_6.12b_nls10	1500	36.0	-119.0	0.4	-53.0	1.0	231.0
B389	95	GEO_Eqn_6.12b_nls10	1800	36.0	-112.0	0.4	-53.0	0.4	265.0
B389	95	GEO_Eqn_6.12b_nls10	1800	90.0	-102.0	0.2	-53.0	0.1	289.0
B389	95	GEO_Eqn_6.12b_nls10	2160	90.0	-94.0	0.2	-53.0	0.0	324.0
B389	95	GEO_Eqn_6.12b_nls10	2160	103.0	-42.0	-0.1	-51.0	-0.1	371.0
B389	95	GEO_Eqn_6.12b_nls10	2400	103.0	-36.0	-0.1	-51.0	-0.1	380.0
B389	95	GEO_Eqn_6.12b_nls10	2400	142.0	-273.0	-0.1	-50.0	0.0	396.0
B389	95	GEO_Eqn_6.12b_nls10	2700	142.0	-266.0	-0.1	-50.0	0.0	477.0
B389	95	GEO_Eqn_6.12b_nls10	3000	142.0	-259.0	-0.1	-50.0	0.0	556.0
B389	95	GEO_Eqn_6.12b_nls10	3000	142.0	-97.0	0.0	-49.0	0.0	595.0
B389	95	GEO_Eqn_6.12b_nls10	3240	142.0	-92.0	0.0	-49.0	0.0	618.0
B389	95	GEO_Eqn_6.12b_nls10	3240	142.0	-145.0	-0.1	-45.0	0.3	703.0
B389	95	GEO_Eqn_6.12b_nls10	3600	142.0	-137.0	-0.1	-45.0	0.3	754.0
B389	95	GEO_Eqn_6.12b_nls10	3600	98.0	-339.0	0.1	-45.0	0.3	801.0
B389	95	GEO_Eqn_6.12b_nls10	3900	98.0	-333.0	0.1	-45.0	0.3	902.0
B389	95	GEO_Eqn_6.12b_nls10	4200	98.0	-326.0	0.1	-45.0	0.3	1000.0
B389	95	GEO_Eqn_6.12b_nls10	4200	-33.0	-12.0	0.0	-42.0	0.3	1028.0
B389	95	GEO_Eqn_6.12b_nls10	4320	-33.0	-10.0	0.0	-42.0	0.3	1029.0
B389	95	GEO_Eqn_6.12b_nls10	4320	-77.0	-47.0	0.1	-38.0	-0.3	1056.0
B389	95	GEO_Eqn_6.12b_nls10	4800	-77.0	-36.0	0.0	-38.0	-0.3	1076.0
B389	95	GEO_Eqn_6.12b_nls10	4800	-288.0	671.0	0.1	-38.0	-0.3	1059.0
B389	95	GEO_Eqn_6.12b_nls10	5100	-288.0	677.0	0.0	-38.0	-0.4	856.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls10	5400	-288.0	684.0	0.0	-38.0	-0.4	652.0
B389	95	GEO_Eqn_6.12b_nls10	5400	7.0	146.0	0.0	-17.0	0.0	635.0
B389	95	GEO_Eqn_6.12b_nls10	5760	7.0	154.0	0.0	-17.0	0.0	581.0
B389	95	GEO_Eqn_6.12b_nls10	6120	7.0	162.0	0.0	-17.0	0.0	524.0
B389	95	GEO_Eqn_6.12b_nls10	6480	7.0	170.0	0.0	-17.0	0.0	464.0
B389	95	GEO_Eqn_6.12b_nls10	6480	2.0	265.0	0.0	3.0	0.0	464.0
B389	95	GEO_Eqn_6.12b_nls10	6840	2.0	273.0	0.0	3.0	0.0	367.0
B389	95	GEO_Eqn_6.12b_nls10	7200	2.0	281.0	0.0	3.0	0.0	267.0
B389	95	GEO_Eqn_6.12b_nls10	7560	2.0	290.0	0.0	3.0	0.0	164.0
B389	95	GEO_Eqn_6.12b_nls10	7560	-0.2	391.0	0.0	25.0	0.0	159.0
B389	95	GEO_Eqn_6.12b_nls10	7920	-0.2	399.0	0.0	25.0	0.0	17.0
B389	95	GEO_Eqn_6.12b_nls10	8280	-0.2	407.0	0.0	25.0	0.0	-128.0
B389	95	GEO_Eqn_6.12b_nls10	8640	-0.2	415.0	0.0	25.0	0.0	-276.0
B389	95	GEO_Eqn_6.12b_nls10	8640	-2.0	518.0	0.0	48.0	0.0	-286.0
B389	95	GEO_Eqn_6.12b_nls10	9000	-2.0	526.0	0.0	48.0	0.0	-474.0
B389	95	GEO_Eqn_6.12b_nls10	9360	-2.0	534.0	0.0	48.0	0.0	-665.0
B389	95	GEO_Eqn_6.12b_nls10	9720	-2.0	542.0	0.0	48.0	0.0	-858.0
B389	95	GEO_Eqn_6.12b_nls10	9720	-6.0	655.0	-0.1	73.0	-0.1	-866.0
B389	95	GEO_Eqn_6.12b_nls10	10080	-6.0	664.0	-0.1	73.0	0.0	-1103.0
B389	95	GEO_Eqn_6.12b_nls10	10440	-6.0	672.0	-0.1	73.0	0.0	-1343.0
B389	95	GEO_Eqn_6.12b_nls10	10800	-6.0	680.0	-0.1	73.0	0.1	-1587.0
B389	95	GEO_Eqn_6.12b_nls10	10800	92.0	-803.0	0.3	81.0	0.3	-1490.0
B389	95	GEO_Eqn_6.12b_nls10	11100	92.0	-797.0	0.3	81.0	0.2	-1250.0
B389	95	GEO_Eqn_6.12b_nls10	11400	92.0	-790.0	0.3	81.0	0.1	-1012.0
B389	95	GEO_Eqn_6.12b_nls10	11400	47.0	-523.0	0.1	82.0	-0.2	-870.0
B389	95	GEO_Eqn_6.12b_nls10	11880	47.0	-513.0	0.1	82.0	-0.2	-621.0
B389	95	GEO_Eqn_6.12b_nls10	11880	43.0	-51.0	0.0	90.0	-0.2	-454.0
B389	95	GEO_Eqn_6.12b_nls10	12000	43.0	-48.0	0.0	90.0	-0.2	-448.0
B389	95	GEO_Eqn_6.12b_nls10	12000	38.0	-495.0	0.0	94.0	-0.2	-436.0
B389	95	GEO_Eqn_6.12b_nls10	12300	38.0	-488.0	0.0	94.0	-0.2	-289.0
B389	95	GEO_Eqn_6.12b_nls10	12600	38.0	-482.0	0.0	94.0	-0.2	-143.0
B389	95	GEO_Eqn_6.12b_nls10	12600	54.0	-184.0	0.0	95.0	-0.1	-74.0
B389	95	GEO_Eqn_6.12b_nls10	12960	54.0	-176.0	0.0	95.0	-0.1	-9.0
B389	95	GEO_Eqn_6.12b_nls10	12960	66.0	-81.0	0.0	104.0	-0.1	85.0
B389	95	GEO_Eqn_6.12b_nls10	13200	66.0	-76.0	0.0	104.0	-0.1	104.0
B389	95	GEO_Eqn_6.12b_nls10	13200	77.0	-293.0	0.0	106.0	0.0	137.0
B389	95	GEO_Eqn_6.12b_nls10	13500	77.0	-286.0	0.0	106.0	0.0	224.0
B389	95	GEO_Eqn_6.12b_nls10	13800	77.0	-279.0	0.0	106.0	0.0	309.0
B389	95	GEO_Eqn_6.12b_nls10	13800	64.0	-76.0	0.0	109.0	0.0	348.0
B389	95	GEO_Eqn_6.12b_nls10	14040	64.0	-71.0	0.0	109.0	0.0	366.0
B389	95	GEO_Eqn_6.12b_nls10	14040	63.0	-113.0	-0.1	117.0	0.2	436.0
B389	95	GEO_Eqn_6.12b_nls10	14400	63.0	-105.0	-0.1	117.0	0.2	475.0
B389	95	GEO_Eqn_6.12b_nls10	14400	21.0	-263.0	0.0	119.0	0.3	517.0
B389	95	GEO_Eqn_6.12b_nls10	14700	21.0	-256.0	0.0	119.0	0.3	595.0
B389	95	GEO_Eqn_6.12b_nls10	15000	21.0	-249.0	0.0	119.0	0.3	670.0
B389	95	GEO_Eqn_6.12b_nls10	15000	-77.0	-16.0	0.0	124.0	0.3	691.0
B389	95	GEO_Eqn_6.12b_nls10	15120	-77.0	-13.0	0.0	124.0	0.3	693.0
B389	95	GEO_Eqn_6.12b_nls10	15120	-123.0	-116.0	0.2	134.0	0.5	739.0
B389	95	GEO_Eqn_6.12b_nls10	15600	-123.0	-105.0	0.2	134.0	0.4	792.0
B389	95	GEO_Eqn_6.12b_nls10	15600	-282.0	156.0	1.0	136.0	-0.2	810.0
B389	95	GEO_Eqn_6.12b_nls10	15900	-282.0	163.0	1.0	136.0	-0.5	763.0
B389	95	GEO_Eqn_6.12b_nls10	16200	-282.0	169.0	1.0	136.0	-1.0	713.0
B389	95	GEO_Eqn_6.12b_nls11	0	-230.0	-162.0	-0.4	-98.0	-1.0	199.0
B389	95	GEO_Eqn_6.12b_nls11	300	-230.0	-156.0	-0.4	-98.0	-1.0	247.0
B389	95	GEO_Eqn_6.12b_nls11	600	-230.0	-149.0	-0.4	-98.0	-1.0	293.0
B389	95	GEO_Eqn_6.12b_nls11	600	-146.0	4.0	-1.0	-98.0	-0.2	293.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls11	1080	-146.0	15.0	-1.0	-98.0	0.3	289.0
B389	95	GEO_Eqn_6.12b_nls11	1080	-138.0	3.0	0.1	-98.0	2.0	280.0
B389	95	GEO_Eqn_6.12b_nls11	1200	-138.0	5.0	0.1	-98.0	2.0	280.0
B389	95	GEO_Eqn_6.12b_nls11	1200	-76.0	107.0	1.0	-97.0	2.0	268.0
B389	95	GEO_Eqn_6.12b_nls11	1500	-76.0	113.0	1.0	-97.0	1.0	235.0
B389	95	GEO_Eqn_6.12b_nls11	1800	-76.0	120.0	1.0	-97.0	1.0	200.0
B389	95	GEO_Eqn_6.12b_nls11	1800	-30.0	60.0	0.4	-97.0	0.3	179.0
B389	95	GEO_Eqn_6.12b_nls11	2160	-30.0	68.0	0.4	-97.0	0.2	156.0
B389	95	GEO_Eqn_6.12b_nls11	2160	-33.0	48.0	0.0	-95.0	-0.1	112.0
B389	95	GEO_Eqn_6.12b_nls11	2400	-33.0	54.0	0.0	-95.0	-0.1	100.0
B389	95	GEO_Eqn_6.12b_nls11	2400	-1.0	234.0	0.1	-94.0	-0.1	72.0
B389	95	GEO_Eqn_6.12b_nls11	2700	-1.0	241.0	0.1	-94.0	-0.1	1.0
B389	95	GEO_Eqn_6.12b_nls11	3000	-1.0	248.0	0.1	-94.0	-0.1	-73.0
B389	95	GEO_Eqn_6.12b_nls11	3000	26.0	80.0	0.0	-93.0	-0.1	-103.0
B389	95	GEO_Eqn_6.12b_nls11	3240	26.0	86.0	0.0	-93.0	-0.2	-123.0
B389	95	GEO_Eqn_6.12b_nls11	3240	20.0	183.0	0.0	-89.0	0.0	-220.0
B389	95	GEO_Eqn_6.12b_nls11	3600	20.0	191.0	0.0	-89.0	0.0	-287.0
B389	95	GEO_Eqn_6.12b_nls11	3600	53.0	506.0	0.3	-89.0	-0.1	-353.0
B389	95	GEO_Eqn_6.12b_nls11	3900	53.0	513.0	0.2	-89.0	-0.1	-506.0
B389	95	GEO_Eqn_6.12b_nls11	4200	53.0	520.0	0.2	-89.0	-0.2	-661.0
B389	95	GEO_Eqn_6.12b_nls11	4200	121.0	49.0	0.0	-87.0	-0.3	-674.0
B389	95	GEO_Eqn_6.12b_nls11	4320	121.0	52.0	0.0	-87.0	-0.3	-680.0
B389	95	GEO_Eqn_6.12b_nls11	4320	144.0	489.0	0.0	-82.0	-0.3	-847.0
B389	95	GEO_Eqn_6.12b_nls11	4800	144.0	500.0	0.0	-82.0	-0.3	-1084.0
B389	95	GEO_Eqn_6.12b_nls11	4800	268.0	510.0	-0.5	-82.0	-0.1	-1194.0
B389	95	GEO_Eqn_6.12b_nls11	5100	268.0	517.0	-0.5	-82.0	0.0	-1348.0
B389	95	GEO_Eqn_6.12b_nls11	5400	268.0	524.0	-0.5	-82.0	0.2	-1504.0
B389	95	GEO_Eqn_6.12b_nls11	5400	-8.0	-736.0	1.0	-59.0	1.0	-1539.0
B389	95	GEO_Eqn_6.12b_nls11	5760	-8.0	-728.0	1.0	-59.0	0.4	-1275.0
B389	95	GEO_Eqn_6.12b_nls11	6120	-8.0	-720.0	1.0	-59.0	0.1	-1015.0
B389	95	GEO_Eqn_6.12b_nls11	6480	-8.0	-711.0	1.0	-59.0	-0.1	-757.0
B389	95	GEO_Eqn_6.12b_nls11	6480	0.1	-613.0	0.0	-34.0	-0.2	-753.0
B389	95	GEO_Eqn_6.12b_nls11	6840	0.1	-605.0	0.0	-34.0	-0.2	-534.0
B389	95	GEO_Eqn_6.12b_nls11	7200	0.1	-596.0	0.0	-34.0	-0.2	-318.0
B389	95	GEO_Eqn_6.12b_nls11	7560	0.1	-588.0	0.0	-34.0	-0.1	-105.0
B389	95	GEO_Eqn_6.12b_nls11	7560	3.0	-487.0	0.0	-6.0	-0.1	-106.0
B389	95	GEO_Eqn_6.12b_nls11	7920	3.0	-479.0	0.0	-6.0	-0.1	68.0
B389	95	GEO_Eqn_6.12b_nls11	8280	3.0	-471.0	0.0	-6.0	-0.1	239.0
B389	95	GEO_Eqn_6.12b_nls11	8640	3.0	-463.0	0.0	-6.0	-0.1	407.0
B389	95	GEO_Eqn_6.12b_nls11	8640	3.0	-363.0	0.2	22.0	-0.2	402.0
B389	95	GEO_Eqn_6.12b_nls11	9000	3.0	-355.0	0.2	22.0	-0.2	531.0
B389	95	GEO_Eqn_6.12b_nls11	9360	3.0	-347.0	0.2	22.0	-0.3	658.0
B389	95	GEO_Eqn_6.12b_nls11	9720	3.0	-339.0	0.2	22.0	-0.4	781.0
B389	95	GEO_Eqn_6.12b_nls11	9720	2.0	-235.0	-1.0	51.0	-0.5	779.0
B389	95	GEO_Eqn_6.12b_nls11	10080	2.0	-227.0	-1.0	51.0	0.0	862.0
B389	95	GEO_Eqn_6.12b_nls11	10440	2.0	-218.0	-1.0	51.0	1.0	942.0
B389	95	GEO_Eqn_6.12b_nls11	10800	2.0	-210.0	-1.0	51.0	1.0	1019.0
B389	95	GEO_Eqn_6.12b_nls11	10800	-61.0	-69.0	3.0	7.0	3.0	949.0
B389	95	GEO_Eqn_6.12b_nls11	11100	-61.0	-62.0	3.0	7.0	3.0	969.0
B389	95	GEO_Eqn_6.12b_nls11	11400	-61.0	-55.0	3.0	7.0	2.0	986.0
B389	95	GEO_Eqn_6.12b_nls11	11400	67.0	158.0	1.0	5.0	-1.0	954.0
B389	95	GEO_Eqn_6.12b_nls11	11880	67.0	168.0	1.0	5.0	-1.0	876.0
B389	95	GEO_Eqn_6.12b_nls11	11880	100.0	22.0	0.0	-1.0	-1.0	808.0
B389	95	GEO_Eqn_6.12b_nls11	12000	100.0	25.0	0.0	-1.0	-1.0	805.0
B389	95	GEO_Eqn_6.12b_nls11	12000	159.0	323.0	-0.2	-4.0	-1.0	781.0
B389	95	GEO_Eqn_6.12b_nls11	12300	159.0	330.0	-0.2	-4.0	-1.0	683.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls11	12600	159.0	337.0	-0.2	-4.0	-1.0	583.0
B389	95	GEO_Eqn_6.12b_nls11	12600	151.0	104.0	-0.3	-7.0	-1.0	540.0
B389	95	GEO_Eqn_6.12b_nls11	12960	151.0	113.0	-0.3	-7.0	-1.0	501.0
B389	95	GEO_Eqn_6.12b_nls11	12960	145.0	72.0	0.1	-15.0	-0.3	430.0
B389	95	GEO_Eqn_6.12b_nls11	13200	145.0	78.0	0.1	-15.0	-0.3	412.0
B389	95	GEO_Eqn_6.12b_nls11	13200	109.0	168.0	0.0	-19.0	-0.4	380.0
B389	95	GEO_Eqn_6.12b_nls11	13500	109.0	175.0	0.0	-19.0	-0.4	329.0
B389	95	GEO_Eqn_6.12b_nls11	13800	109.0	182.0	0.0	-19.0	-0.4	276.0
B389	95	GEO_Eqn_6.12b_nls11	13800	46.0	4.0	-0.1	-24.0	-0.3	272.0
B389	95	GEO_Eqn_6.12b_nls11	14040	46.0	9.0	-0.1	-24.0	-0.3	270.0
B389	95	GEO_Eqn_6.12b_nls11	14040	27.0	32.0	0.3	-36.0	-0.5	256.0
B389	95	GEO_Eqn_6.12b_nls11	14400	27.0	40.0	0.3	-36.0	-1.0	243.0
B389	95	GEO_Eqn_6.12b_nls11	14400	-46.0	-85.0	0.0	-39.0	-1.0	243.0
B389	95	GEO_Eqn_6.12b_nls11	14700	-46.0	-78.0	0.0	-39.0	-1.0	267.0
B389	95	GEO_Eqn_6.12b_nls11	15000	-46.0	-72.0	0.0	-39.0	-1.0	290.0
B389	95	GEO_Eqn_6.12b_nls11	15000	-128.0	-19.0	0.0	-47.0	-1.0	299.0
B389	95	GEO_Eqn_6.12b_nls11	15120	-128.0	-17.0	0.0	-47.0	-1.0	302.0
B389	95	GEO_Eqn_6.12b_nls11	15120	-164.0	-155.0	-1.0	-63.0	-1.0	355.0
B389	95	GEO_Eqn_6.12b_nls11	15600	-164.0	-145.0	-1.0	-63.0	-1.0	426.0
B389	95	GEO_Eqn_6.12b_nls11	15600	-262.0	-284.0	-3.0	-66.0	2.0	477.0
B389	95	GEO_Eqn_6.12b_nls11	15900	-262.0	-277.0	-3.0	-66.0	2.0	561.0
B389	95	GEO_Eqn_6.12b_nls11	16200	-262.0	-270.0	-3.0	-66.0	3.0	643.0
B389	95	GEO_Eqn_6.12b_nls12	0	-144.0	-197.0	-2.0	-81.0	-3.0	205.0
B389	95	GEO_Eqn_6.12b_nls12	300	-144.0	-190.0	-2.0	-81.0	-3.0	263.0
B389	95	GEO_Eqn_6.12b_nls12	600	-144.0	-184.0	-2.0	-81.0	-2.0	319.0
B389	95	GEO_Eqn_6.12b_nls12	600	-75.0	-1.0	-2.0	-80.0	0.3	323.0
B389	95	GEO_Eqn_6.12b_nls12	1080	-75.0	10.0	-2.0	-80.0	1.0	321.0
B389	95	GEO_Eqn_6.12b_nls12	1080	-73.0	2.0	0.1	-79.0	3.0	313.0
B389	95	GEO_Eqn_6.12b_nls12	1200	-73.0	5.0	0.1	-79.0	3.0	313.0
B389	95	GEO_Eqn_6.12b_nls12	1200	-29.0	113.0	2.0	-78.0	3.0	302.0
B389	95	GEO_Eqn_6.12b_nls12	1500	-29.0	120.0	2.0	-78.0	2.0	267.0
B389	95	GEO_Eqn_6.12b_nls12	1800	-29.0	126.0	2.0	-78.0	2.0	230.0
B389	95	GEO_Eqn_6.12b_nls12	1800	-4.0	65.0	1.0	-77.0	1.0	210.0
B389	95	GEO_Eqn_6.12b_nls12	2160	-4.0	73.0	1.0	-77.0	0.2	185.0
B389	95	GEO_Eqn_6.12b_nls12	2160	-7.0	51.0	-0.1	-73.0	-0.4	139.0
B389	95	GEO_Eqn_6.12b_nls12	2400	-7.0	56.0	-0.1	-73.0	-0.4	126.0
B389	95	GEO_Eqn_6.12b_nls12	2400	3.0	244.0	-0.1	-72.0	-0.2	98.0
B389	95	GEO_Eqn_6.12b_nls12	2700	3.0	251.0	-0.1	-72.0	-0.2	24.0
B389	95	GEO_Eqn_6.12b_nls12	3000	3.0	257.0	-0.1	-72.0	-0.2	-52.0
B389	95	GEO_Eqn_6.12b_nls12	3000	6.0	83.0	0.1	-71.0	-0.2	-82.0
B389	95	GEO_Eqn_6.12b_nls12	3240	6.0	89.0	0.1	-71.0	-0.2	-103.0
B389	95	GEO_Eqn_6.12b_nls12	3240	-0.5	189.0	-0.1	-66.0	0.1	-203.0
B389	95	GEO_Eqn_6.12b_nls12	3600	-0.5	197.0	-0.1	-66.0	0.1	-272.0
B389	95	GEO_Eqn_6.12b_nls12	3600	8.0	529.0	0.2	-65.0	0.1	-339.0
B389	95	GEO_Eqn_6.12b_nls12	3900	8.0	535.0	0.2	-65.0	0.1	-498.0
B389	95	GEO_Eqn_6.12b_nls12	4200	8.0	542.0	0.1	-65.0	0.1	-660.0
B389	95	GEO_Eqn_6.12b_nls12	4200	54.0	53.0	0.0	-62.0	0.0	-672.0
B389	95	GEO_Eqn_6.12b_nls12	4320	54.0	55.0	0.0	-62.0	0.0	-678.0
B389	95	GEO_Eqn_6.12b_nls12	4320	70.0	524.0	0.2	-57.0	-0.1	-855.0
B389	95	GEO_Eqn_6.12b_nls12	4800	70.0	535.0	0.2	-57.0	-0.2	-1109.0
B389	95	GEO_Eqn_6.12b_nls12	4800	174.0	612.0	0.3	-57.0	-1.0	-1229.0
B389	95	GEO_Eqn_6.12b_nls12	5100	174.0	619.0	0.3	-57.0	-1.0	-1414.0
B389	95	GEO_Eqn_6.12b_nls12	5400	174.0	625.0	0.3	-57.0	-1.0	-1600.0
B389	95	GEO_Eqn_6.12b_nls12	5400	-6.0	-761.0	0.3	-32.0	0.3	-1639.0
B389	95	GEO_Eqn_6.12b_nls12	5760	-6.0	-753.0	0.3	-32.0	0.2	-1367.0
B389	95	GEO_Eqn_6.12b_nls12	6120	-6.0	-744.0	0.3	-32.0	0.1	-1097.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls12	6480	-6.0	-736.0	0.3	-32.0	0.0	-831.0
B389	95	GEO_Eqn_6.12b_nls12	6480	-1.0	-638.0	0.0	-9.0	-0.1	-827.0
B389	95	GEO_Eqn_6.12b_nls12	6840	-1.0	-630.0	0.0	-9.0	-0.1	-599.0
B389	95	GEO_Eqn_6.12b_nls12	7200	-1.0	-622.0	0.0	-9.0	-0.1	-374.0
B389	95	GEO_Eqn_6.12b_nls12	7560	-1.0	-614.0	0.0	-9.0	-0.1	-151.0
B389	95	GEO_Eqn_6.12b_nls12	7560	1.0	-513.0	0.0	17.0	-0.1	-152.0
B389	95	GEO_Eqn_6.12b_nls12	7920	1.0	-504.0	0.0	17.0	-0.1	31.0
B389	95	GEO_Eqn_6.12b_nls12	8280	1.0	-496.0	0.0	17.0	-0.1	211.0
B389	95	GEO_Eqn_6.12b_nls12	8640	1.0	-488.0	0.0	17.0	0.0	388.0
B389	95	GEO_Eqn_6.12b_nls12	8640	2.0	-390.0	0.1	42.0	-0.1	384.0
B389	95	GEO_Eqn_6.12b_nls12	9000	2.0	-381.0	0.1	42.0	-0.1	523.0
B389	95	GEO_Eqn_6.12b_nls12	9360	2.0	-373.0	0.1	42.0	-0.2	659.0
B389	95	GEO_Eqn_6.12b_nls12	9720	2.0	-365.0	0.1	42.0	-0.2	792.0
B389	95	GEO_Eqn_6.12b_nls12	9720	3.0	-262.0	-1.0	69.0	-0.3	789.0
B389	95	GEO_Eqn_6.12b_nls12	10080	3.0	-254.0	-1.0	69.0	0.0	882.0
B389	95	GEO_Eqn_6.12b_nls12	10440	3.0	-245.0	-1.0	69.0	0.3	972.0
B389	95	GEO_Eqn_6.12b_nls12	10800	3.0	-237.0	-1.0	69.0	1.0	1059.0
B389	95	GEO_Eqn_6.12b_nls12	10800	-134.0	-108.0	2.0	46.0	2.0	983.0
B389	95	GEO_Eqn_6.12b_nls12	11100	-134.0	-102.0	2.0	46.0	2.0	1014.0
B389	95	GEO_Eqn_6.12b_nls12	11400	-134.0	-95.0	2.0	46.0	1.0	1044.0
B389	95	GEO_Eqn_6.12b_nls12	11400	18.0	158.0	1.0	45.0	-0.4	1013.0
B389	95	GEO_Eqn_6.12b_nls12	11880	18.0	169.0	1.0	45.0	-1.0	934.0
B389	95	GEO_Eqn_6.12b_nls12	11880	60.0	22.0	0.0	46.0	-1.0	865.0
B389	95	GEO_Eqn_6.12b_nls12	12000	60.0	25.0	0.0	46.0	-1.0	862.0
B389	95	GEO_Eqn_6.12b_nls12	12000	138.0	338.0	-0.1	46.0	-1.0	836.0
B389	95	GEO_Eqn_6.12b_nls12	12300	138.0	345.0	-0.1	46.0	-1.0	734.0
B389	95	GEO_Eqn_6.12b_nls12	12600	138.0	352.0	-0.1	46.0	-1.0	629.0
B389	95	GEO_Eqn_6.12b_nls12	12600	145.0	113.0	-0.2	45.0	-0.4	583.0
B389	95	GEO_Eqn_6.12b_nls12	12960	145.0	121.0	-0.2	45.0	-0.4	541.0
B389	95	GEO_Eqn_6.12b_nls12	12960	142.0	77.0	0.0	45.0	-0.2	464.0
B389	95	GEO_Eqn_6.12b_nls12	13200	142.0	82.0	0.0	45.0	-0.2	445.0
B389	95	GEO_Eqn_6.12b_nls12	13200	118.0	189.0	0.0	44.0	-0.2	410.0
B389	95	GEO_Eqn_6.12b_nls12	13500	118.0	196.0	0.0	44.0	-0.2	352.0
B389	95	GEO_Eqn_6.12b_nls12	13800	118.0	203.0	0.0	44.0	-0.2	293.0
B389	95	GEO_Eqn_6.12b_nls12	13800	65.0	10.0	-0.1	44.0	-0.1	285.0
B389	95	GEO_Eqn_6.12b_nls12	14040	65.0	15.0	-0.1	44.0	-0.1	282.0
B389	95	GEO_Eqn_6.12b_nls12	14040	46.0	44.0	0.1	43.0	-0.2	261.0
B389	95	GEO_Eqn_6.12b_nls12	14400	46.0	52.0	0.1	43.0	-0.2	244.0
B389	95	GEO_Eqn_6.12b_nls12	14400	-18.0	-51.0	0.0	42.0	-0.2	238.0
B389	95	GEO_Eqn_6.12b_nls12	14700	-18.0	-44.0	0.0	42.0	-0.2	253.0
B389	95	GEO_Eqn_6.12b_nls12	15000	-18.0	-37.0	0.0	42.0	-0.2	265.0
B389	95	GEO_Eqn_6.12b_nls12	15000	-91.0	-16.0	0.0	41.0	-0.2	273.0
B389	95	GEO_Eqn_6.12b_nls12	15120	-91.0	-13.0	0.0	41.0	-0.2	274.0
B389	95	GEO_Eqn_6.12b_nls12	15120	-124.0	-123.0	-0.4	39.0	-0.3	316.0
B389	95	GEO_Eqn_6.12b_nls12	15600	-124.0	-112.0	-0.4	39.0	-0.1	373.0
B389	95	GEO_Eqn_6.12b_nls12	15600	-211.0	-238.0	-1.0	39.0	1.0	414.0
B389	95	GEO_Eqn_6.12b_nls12	15900	-211.0	-231.0	-1.0	39.0	1.0	485.0
B389	95	GEO_Eqn_6.12b_nls12	16200	-211.0	-225.0	-1.0	39.0	1.0	553.0
B389	95	GEO_Eqn_6.12b_nls13	0	-232.0	-109.0	2.0	-61.0	2.0	6.0
B389	95	GEO_Eqn_6.12b_nls13	300	-232.0	-102.0	2.0	-61.0	1.0	38.0
B389	95	GEO_Eqn_6.12b_nls13	600	-232.0	-96.0	2.0	-61.0	0.5	67.0
B389	95	GEO_Eqn_6.12b_nls13	600	-137.0	-99.0	1.0	-61.0	-1.0	79.0
B389	95	GEO_Eqn_6.12b_nls13	1080	-137.0	-88.0	1.0	-61.0	-1.0	124.0
B389	95	GEO_Eqn_6.12b_nls13	1080	-109.0	-9.0	0.0	-62.0	-1.0	151.0
B389	95	GEO_Eqn_6.12b_nls13	1200	-109.0	-7.0	0.0	-62.0	-1.0	152.0
B389	95	GEO_Eqn_6.12b_nls13	1200	-12.0	-187.0	-0.5	-62.0	-1.0	149.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls13	1500	-12.0	-181.0	-0.5	-62.0	-1.0	204.0
B389	95	GEO_Eqn_6.12b_nls13	1800	-12.0	-174.0	-0.5	-62.0	-0.4	257.0
B389	95	GEO_Eqn_6.12b_nls13	1800	80.0	-144.0	-0.2	-62.0	-0.1	290.0
B389	95	GEO_Eqn_6.12b_nls13	2160	80.0	-136.0	-0.2	-62.0	0.0	341.0
B389	95	GEO_Eqn_6.12b_nls13	2160	97.0	-65.0	0.0	-61.0	0.3	411.0
B389	95	GEO_Eqn_6.12b_nls13	2400	97.0	-60.0	0.0	-61.0	0.3	426.0
B389	95	GEO_Eqn_6.12b_nls13	2400	175.0	-399.0	0.1	-61.0	0.2	451.0
B389	95	GEO_Eqn_6.12b_nls13	2700	175.0	-393.0	0.1	-61.0	0.1	570.0
B389	95	GEO_Eqn_6.12b_nls13	3000	175.0	-386.0	0.1	-61.0	0.1	687.0
B389	95	GEO_Eqn_6.12b_nls13	3000	205.0	-141.0	0.0	-60.0	0.1	740.0
B389	95	GEO_Eqn_6.12b_nls13	3240	205.0	-136.0	0.0	-60.0	0.0	773.0
B389	95	GEO_Eqn_6.12b_nls13	3240	208.0	-226.0	0.1	-58.0	0.2	903.0
B389	95	GEO_Eqn_6.12b_nls13	3600	208.0	-218.0	0.0	-58.0	0.2	983.0
B389	95	GEO_Eqn_6.12b_nls13	3600	182.0	-553.0	0.2	-58.0	0.1	1056.0
B389	95	GEO_Eqn_6.12b_nls13	3900	182.0	-546.0	0.2	-58.0	0.0	1221.0
B389	95	GEO_Eqn_6.12b_nls13	4200	182.0	-540.0	0.2	-58.0	0.0	1384.0
B389	95	GEO_Eqn_6.12b_nls13	4200	39.0	-30.0	0.0	-57.0	-0.1	1419.0
B389	95	GEO_Eqn_6.12b_nls13	4320	39.0	-27.0	0.0	-57.0	-0.1	1422.0
B389	95	GEO_Eqn_6.12b_nls13	4320	-13.0	-203.0	-0.3	-54.0	-1.0	1503.0
B389	95	GEO_Eqn_6.12b_nls13	4800	-13.0	-192.0	-0.3	-54.0	-0.4	1597.0
B389	95	GEO_Eqn_6.12b_nls13	4800	-272.0	601.0	-1.0	-54.0	0.2	1610.0
B389	95	GEO_Eqn_6.12b_nls13	5100	-272.0	607.0	-1.0	-54.0	0.4	1429.0
B389	95	GEO_Eqn_6.12b_nls13	5400	-272.0	614.0	-1.0	-54.0	1.0	1246.0
B389	95	GEO_Eqn_6.12b_nls13	5400	7.0	369.0	1.0	-36.0	0.4	1237.0
B389	95	GEO_Eqn_6.12b_nls13	5760	7.0	377.0	1.0	-36.0	0.2	1103.0
B389	95	GEO_Eqn_6.12b_nls13	6120	7.0	385.0	1.0	-36.0	0.0	965.0
B389	95	GEO_Eqn_6.12b_nls13	6480	7.0	393.0	1.0	-36.0	-0.2	825.0
B389	95	GEO_Eqn_6.12b_nls13	6480	4.0	487.0	0.0	-14.0	-0.1	824.0
B389	95	GEO_Eqn_6.12b_nls13	6840	4.0	495.0	0.0	-14.0	-0.1	647.0
B389	95	GEO_Eqn_6.12b_nls13	7200	4.0	503.0	0.0	-14.0	-0.1	467.0
B389	95	GEO_Eqn_6.12b_nls13	7560	4.0	512.0	0.0	-14.0	0.0	285.0
B389	95	GEO_Eqn_6.12b_nls13	7560	2.0	613.0	0.0	10.0	0.0	278.0
B389	95	GEO_Eqn_6.12b_nls13	7920	2.0	621.0	0.0	10.0	0.0	56.0
B389	95	GEO_Eqn_6.12b_nls13	8280	2.0	629.0	0.0	10.0	0.0	-169.0
B389	95	GEO_Eqn_6.12b_nls13	8640	2.0	637.0	0.0	10.0	-0.1	-397.0
B389	95	GEO_Eqn_6.12b_nls13	8640	-2.0	742.0	0.2	34.0	-0.1	-408.0
B389	95	GEO_Eqn_6.12b_nls13	9000	-2.0	750.0	0.2	34.0	-0.1	-676.0
B389	95	GEO_Eqn_6.12b_nls13	9360	-2.0	758.0	0.2	34.0	-0.2	-948.0
B389	95	GEO_Eqn_6.12b_nls13	9720	-2.0	766.0	0.2	34.0	-0.2	-1222.0
B389	95	GEO_Eqn_6.12b_nls13	9720	-11.0	882.0	-1.0	60.0	-0.3	-1231.0
B389	95	GEO_Eqn_6.12b_nls13	10080	-11.0	890.0	-1.0	60.0	0.0	-1550.0
B389	95	GEO_Eqn_6.12b_nls13	10440	-11.0	898.0	-1.0	60.0	0.3	-1872.0
B389	95	GEO_Eqn_6.12b_nls13	10800	-11.0	906.0	-1.0	60.0	1.0	-2196.0
B389	95	GEO_Eqn_6.12b_nls13	10800	280.0	-888.0	2.0	47.0	2.0	-2054.0
B389	95	GEO_Eqn_6.12b_nls13	11100	280.0	-882.0	2.0	47.0	2.0	-1789.0
B389	95	GEO_Eqn_6.12b_nls13	11400	280.0	-875.0	2.0	47.0	1.0	-1525.0
B389	95	GEO_Eqn_6.12b_nls13	11400	150.0	-662.0	1.0	46.0	-0.4	-1348.0
B389	95	GEO_Eqn_6.12b_nls13	11880	150.0	-651.0	1.0	46.0	-1.0	-1033.0
B389	95	GEO_Eqn_6.12b_nls13	11880	119.0	-66.0	0.0	46.0	-1.0	-816.0
B389	95	GEO_Eqn_6.12b_nls13	12000	119.0	-63.0	0.0	46.0	-1.0	-809.0
B389	95	GEO_Eqn_6.12b_nls13	12000	59.0	-680.0	-0.1	45.0	-1.0	-785.0
B389	95	GEO_Eqn_6.12b_nls13	12300	59.0	-673.0	-0.1	45.0	-1.0	-582.0
B389	95	GEO_Eqn_6.12b_nls13	12600	59.0	-666.0	-0.1	45.0	-1.0	-381.0
B389	95	GEO_Eqn_6.12b_nls13	12600	45.0	-253.0	-0.2	44.0	-0.4	-283.0
B389	95	GEO_Eqn_6.12b_nls13	12960	45.0	-244.0	-0.2	44.0	-0.4	-194.0
B389	95	GEO_Eqn_6.12b_nls13	12960	55.0	-118.0	0.1	42.0	-0.2	-60.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls13	13200	55.0	-112.0	0.1	42.0	-0.2	-33.0
B389	95	GEO_Eqn_6.12b_nls13	13200	47.0	-409.0	0.0	41.0	-0.3	18.0
B389	95	GEO_Eqn_6.12b_nls13	13500	47.0	-403.0	0.0	41.0	-0.3	140.0
B389	95	GEO_Eqn_6.12b_nls13	13800	47.0	-396.0	0.0	41.0	-0.3	260.0
B389	95	GEO_Eqn_6.12b_nls13	13800	22.0	-101.0	-0.1	38.0	-0.2	313.0
B389	95	GEO_Eqn_6.12b_nls13	14040	22.0	-95.0	-0.1	38.0	-0.2	336.0
B389	95	GEO_Eqn_6.12b_nls13	14040	23.0	-159.0	0.2	33.0	-0.2	433.0
B389	95	GEO_Eqn_6.12b_nls13	14400	23.0	-151.0	0.2	33.0	-0.3	488.0
B389	95	GEO_Eqn_6.12b_nls13	14400	-31.0	-359.0	0.0	32.0	-0.5	547.0
B389	95	GEO_Eqn_6.12b_nls13	14700	-31.0	-352.0	0.0	32.0	-0.5	654.0
B389	95	GEO_Eqn_6.12b_nls13	15000	-31.0	-345.0	0.0	32.0	-0.5	758.0
B389	95	GEO_Eqn_6.12b_nls13	15000	-146.0	-23.0	0.0	28.0	-0.5	785.0
B389	95	GEO_Eqn_6.12b_nls13	15120	-146.0	-20.0	0.0	28.0	-0.5	787.0
B389	95	GEO_Eqn_6.12b_nls13	15120	-198.0	-182.0	-1.0	21.0	-1.0	856.0
B389	95	GEO_Eqn_6.12b_nls13	15600	-198.0	-171.0	-1.0	21.0	-0.3	941.0
B389	95	GEO_Eqn_6.12b_nls13	15600	-384.0	99.0	-1.0	19.0	1.0	976.0
B389	95	GEO_Eqn_6.12b_nls13	15900	-384.0	105.0	-1.0	19.0	1.0	945.0
B389	95	GEO_Eqn_6.12b_nls13	16200	-384.0	112.0	-1.0	19.0	2.0	912.0
B389	95	GEO_Eqn_6.12b_nls14	0	-131.0	-132.0	-0.1	-44.0	-1.0	12.0
B389	95	GEO_Eqn_6.12b_nls14	300	-131.0	-125.0	-0.1	-44.0	-1.0	50.0
B389	95	GEO_Eqn_6.12b_nls14	600	-131.0	-118.0	-0.1	-44.0	-1.0	87.0
B389	95	GEO_Eqn_6.12b_nls14	600	-57.0	-102.0	-1.0	-44.0	-0.2	102.0
B389	95	GEO_Eqn_6.12b_nls14	1080	-57.0	-91.0	-1.0	-44.0	0.1	148.0
B389	95	GEO_Eqn_6.12b_nls14	1080	-38.0	-10.0	0.0	-43.0	1.0	175.0
B389	95	GEO_Eqn_6.12b_nls14	1200	-38.0	-7.0	0.0	-43.0	1.0	176.0
B389	95	GEO_Eqn_6.12b_nls14	1200	37.0	-185.0	0.5	-43.0	1.0	175.0
B389	95	GEO_Eqn_6.12b_nls14	1500	37.0	-178.0	0.5	-43.0	1.0	229.0
B389	95	GEO_Eqn_6.12b_nls14	1800	37.0	-171.0	0.5	-43.0	0.5	281.0
B389	95	GEO_Eqn_6.12b_nls14	1800	105.0	-144.0	0.3	-42.0	0.1	316.0
B389	95	GEO_Eqn_6.12b_nls14	2160	105.0	-136.0	0.2	-42.0	0.0	366.0
B389	95	GEO_Eqn_6.12b_nls14	2160	123.0	-65.0	-0.1	-40.0	-0.1	436.0
B389	95	GEO_Eqn_6.12b_nls14	2400	123.0	-60.0	-0.1	-40.0	-0.1	451.0
B389	95	GEO_Eqn_6.12b_nls14	2400	177.0	-402.0	-0.1	-40.0	-0.1	478.0
B389	95	GEO_Eqn_6.12b_nls14	2700	177.0	-395.0	-0.1	-40.0	0.0	597.0
B389	95	GEO_Eqn_6.12b_nls14	3000	177.0	-389.0	-0.1	-40.0	0.0	715.0
B389	95	GEO_Eqn_6.12b_nls14	3000	183.0	-142.0	0.0	-39.0	0.0	770.0
B389	95	GEO_Eqn_6.12b_nls14	3240	183.0	-136.0	0.0	-39.0	0.0	804.0
B389	95	GEO_Eqn_6.12b_nls14	3240	186.0	-228.0	-0.1	-36.0	0.3	935.0
B389	95	GEO_Eqn_6.12b_nls14	3600	186.0	-219.0	-0.1	-36.0	0.3	1015.0
B389	95	GEO_Eqn_6.12b_nls14	3600	134.0	-547.0	0.1	-35.0	0.3	1090.0
B389	95	GEO_Eqn_6.12b_nls14	3900	134.0	-540.0	0.1	-35.0	0.3	1253.0
B389	95	GEO_Eqn_6.12b_nls14	4200	134.0	-534.0	0.1	-35.0	0.3	1414.0
B389	95	GEO_Eqn_6.12b_nls14	4200	-35.0	-27.0	0.0	-33.0	0.2	1451.0
B389	95	GEO_Eqn_6.12b_nls14	4320	-35.0	-24.0	0.0	-33.0	0.2	1454.0
B389	95	GEO_Eqn_6.12b_nls14	4320	-94.0	-175.0	0.0	-30.0	-0.4	1527.0
B389	95	GEO_Eqn_6.12b_nls14	4800	-94.0	-164.0	0.0	-30.0	-0.4	1609.0
B389	95	GEO_Eqn_6.12b_nls14	4800	-379.0	714.0	-0.1	-29.0	-0.3	1613.0
B389	95	GEO_Eqn_6.12b_nls14	5100	-379.0	721.0	-0.2	-29.0	-0.3	1398.0
B389	95	GEO_Eqn_6.12b_nls14	5400	-379.0	728.0	-0.2	-29.0	-0.2	1180.0
B389	95	GEO_Eqn_6.12b_nls14	5400	10.0	357.0	0.1	-11.0	0.1	1167.0
B389	95	GEO_Eqn_6.12b_nls14	5760	10.0	365.0	0.1	-11.0	0.0	1037.0
B389	95	GEO_Eqn_6.12b_nls14	6120	10.0	373.0	0.1	-11.0	0.0	904.0
B389	95	GEO_Eqn_6.12b_nls14	6480	10.0	382.0	0.1	-11.0	-0.1	768.0
B389	95	GEO_Eqn_6.12b_nls14	6480	3.0	475.0	0.0	8.0	0.0	766.0
B389	95	GEO_Eqn_6.12b_nls14	6840	3.0	484.0	0.0	8.0	0.0	594.0
B389	95	GEO_Eqn_6.12b_nls14	7200	3.0	492.0	0.0	8.0	0.0	418.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls14	7560	3.0	500.0	0.0	8.0	0.0	240.0
B389	95	GEO_Eqn_6.12b_nls14	7560	0.1	601.0	0.0	30.0	0.0	233.0
B389	95	GEO_Eqn_6.12b_nls14	7920	0.1	609.0	0.0	30.0	0.0	16.0
B389	95	GEO_Eqn_6.12b_nls14	8280	0.1	617.0	0.0	30.0	0.0	-205.0
B389	95	GEO_Eqn_6.12b_nls14	8640	0.1	625.0	0.0	30.0	0.0	-429.0
B389	95	GEO_Eqn_6.12b_nls14	8640	-3.0	729.0	0.1	52.0	0.0	-439.0
B389	95	GEO_Eqn_6.12b_nls14	9000	-3.0	737.0	0.1	52.0	0.0	-703.0
B389	95	GEO_Eqn_6.12b_nls14	9360	-3.0	746.0	0.1	52.0	-0.1	-970.0
B389	95	GEO_Eqn_6.12b_nls14	9720	-3.0	754.0	0.1	52.0	-0.1	-1240.0
B389	95	GEO_Eqn_6.12b_nls14	9720	-10.0	869.0	-0.3	77.0	-0.1	-1248.0
B389	95	GEO_Eqn_6.12b_nls14	10080	-10.0	877.0	-0.3	77.0	0.0	-1563.0
B389	95	GEO_Eqn_6.12b_nls14	10440	-10.0	885.0	-0.3	77.0	0.1	-1880.0
B389	95	GEO_Eqn_6.12b_nls14	10800	-10.0	893.0	-0.3	77.0	0.2	-2200.0
B389	95	GEO_Eqn_6.12b_nls14	10800	192.0	-955.0	1.0	80.0	1.0	-2062.0
B389	95	GEO_Eqn_6.12b_nls14	11100	192.0	-948.0	1.0	80.0	1.0	-1776.0
B389	95	GEO_Eqn_6.12b_nls14	11400	192.0	-942.0	1.0	80.0	0.4	-1493.0
B389	95	GEO_Eqn_6.12b_nls14	11400	91.0	-679.0	0.3	80.0	-0.2	-1310.0
B389	95	GEO_Eqn_6.12b_nls14	11880	91.0	-668.0	0.3	80.0	-0.3	-987.0
B389	95	GEO_Eqn_6.12b_nls14	11880	72.0	-68.0	0.0	86.0	-0.3	-765.0
B389	95	GEO_Eqn_6.12b_nls14	12000	72.0	-65.0	0.0	86.0	-0.3	-757.0
B389	95	GEO_Eqn_6.12b_nls14	12000	36.0	-687.0	0.0	89.0	-0.3	-736.0
B389	95	GEO_Eqn_6.12b_nls14	12300	36.0	-680.0	0.0	89.0	-0.3	-531.0
B389	95	GEO_Eqn_6.12b_nls14	12600	36.0	-674.0	0.0	89.0	-0.3	-328.0
B389	95	GEO_Eqn_6.12b_nls14	12600	43.0	-253.0	-0.1	89.0	-0.2	-231.0
B389	95	GEO_Eqn_6.12b_nls14	12960	43.0	-245.0	-0.1	89.0	-0.2	-141.0
B389	95	GEO_Eqn_6.12b_nls14	12960	57.0	-118.0	0.0	95.0	-0.1	-7.0
B389	95	GEO_Eqn_6.12b_nls14	13200	57.0	-113.0	0.0	95.0	-0.1	21.0
B389	95	GEO_Eqn_6.12b_nls14	13200	66.0	-407.0	0.0	96.0	-0.1	70.0
B389	95	GEO_Eqn_6.12b_nls14	13500	66.0	-401.0	0.0	96.0	-0.1	192.0
B389	95	GEO_Eqn_6.12b_nls14	13800	66.0	-394.0	0.0	96.0	-0.1	311.0
B389	95	GEO_Eqn_6.12b_nls14	13800	53.0	-98.0	0.0	97.0	-0.1	362.0
B389	95	GEO_Eqn_6.12b_nls14	14040	53.0	-93.0	0.0	97.0	-0.1	385.0
B389	95	GEO_Eqn_6.12b_nls14	14040	54.0	-154.0	0.0	102.0	0.0	479.0
B389	95	GEO_Eqn_6.12b_nls14	14400	54.0	-146.0	0.0	102.0	0.0	533.0
B389	95	GEO_Eqn_6.12b_nls14	14400	8.0	-330.0	0.0	103.0	0.1	588.0
B389	95	GEO_Eqn_6.12b_nls14	14700	8.0	-323.0	0.0	103.0	0.1	686.0
B389	95	GEO_Eqn_6.12b_nls14	15000	8.0	-317.0	0.0	103.0	0.1	783.0
B389	95	GEO_Eqn_6.12b_nls14	15000	-105.0	-18.0	0.0	105.0	0.1	808.0
B389	95	GEO_Eqn_6.12b_nls14	15120	-105.0	-15.0	0.0	105.0	0.1	810.0
B389	95	GEO_Eqn_6.12b_nls14	15120	-157.0	-136.0	0.0	110.0	0.1	864.0
B389	95	GEO_Eqn_6.12b_nls14	15600	-157.0	-126.0	0.0	110.0	0.2	927.0
B389	95	GEO_Eqn_6.12b_nls14	15600	-344.0	211.0	0.1	111.0	0.1	946.0
B389	95	GEO_Eqn_6.12b_nls14	15900	-344.0	218.0	0.1	111.0	0.1	882.0
B389	95	GEO_Eqn_6.12b_nls14	16200	-344.0	225.0	0.1	111.0	0.0	816.0
B389	95	GEO_Eqn_6.12b_nls15	0	-283.0	-160.0	-0.4	-108.0	-1.0	225.0
B389	95	GEO_Eqn_6.12b_nls15	300	-283.0	-154.0	-0.4	-108.0	-1.0	272.0
B389	95	GEO_Eqn_6.12b_nls15	600	-283.0	-147.0	-0.4	-108.0	-1.0	317.0
B389	95	GEO_Eqn_6.12b_nls15	600	-189.0	21.0	-1.0	-108.0	-0.3	315.0
B389	95	GEO_Eqn_6.12b_nls15	1080	-189.0	31.0	-1.0	-108.0	0.3	303.0
B389	95	GEO_Eqn_6.12b_nls15	1080	-181.0	5.0	0.1	-108.0	2.0	289.0
B389	95	GEO_Eqn_6.12b_nls15	1200	-181.0	7.0	0.1	-108.0	2.0	288.0
B389	95	GEO_Eqn_6.12b_nls15	1200	-113.0	146.0	1.0	-107.0	2.0	274.0
B389	95	GEO_Eqn_6.12b_nls15	1500	-113.0	153.0	1.0	-107.0	1.0	230.0
B389	95	GEO_Eqn_6.12b_nls15	1800	-113.0	160.0	1.0	-107.0	1.0	183.0
B389	95	GEO_Eqn_6.12b_nls15	1800	-60.0	88.0	0.4	-107.0	0.4	153.0
B389	95	GEO_Eqn_6.12b_nls15	2160	-60.0	96.0	0.4	-107.0	0.2	120.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls15	2160	-66.0	64.0	0.0	-104.0	0.0	61.0
B389	95	GEO_Eqn_6.12b_nls15	2400	-66.0	69.0	0.0	-104.0	0.0	45.0
B389	95	GEO_Eqn_6.12b_nls15	2400	-27.0	326.0	0.1	-104.0	0.0	8.0
B389	95	GEO_Eqn_6.12b_nls15	2700	-27.0	333.0	0.1	-104.0	0.0	-91.0
B389	95	GEO_Eqn_6.12b_nls15	3000	-27.0	340.0	0.1	-104.0	-0.1	-192.0
B389	95	GEO_Eqn_6.12b_nls15	3000	13.0	114.0	0.1	-102.0	-0.2	-235.0
B389	95	GEO_Eqn_6.12b_nls15	3240	13.0	119.0	0.1	-102.0	-0.2	-263.0
B389	95	GEO_Eqn_6.12b_nls15	3240	6.0	245.0	0.0	-98.0	0.0	-395.0
B389	95	GEO_Eqn_6.12b_nls15	3600	6.0	253.0	0.0	-98.0	0.0	-485.0
B389	95	GEO_Eqn_6.12b_nls15	3600	61.0	672.0	0.3	-98.0	-0.1	-572.0
B389	95	GEO_Eqn_6.12b_nls15	3900	61.0	679.0	0.3	-98.0	-0.2	-775.0
B389	95	GEO_Eqn_6.12b_nls15	4200	61.0	685.0	0.3	-98.0	-0.2	-980.0
B389	95	GEO_Eqn_6.12b_nls15	4200	172.0	62.0	0.0	-96.0	-0.3	-1001.0
B389	95	GEO_Eqn_6.12b_nls15	4320	172.0	64.0	0.0	-96.0	-0.3	-1009.0
B389	95	GEO_Eqn_6.12b_nls15	4320	209.0	600.0	0.1	-91.0	-0.2	-1215.0
B389	95	GEO_Eqn_6.12b_nls15	4800	209.0	611.0	0.1	-91.0	-0.3	-1505.0
B389	95	GEO_Eqn_6.12b_nls15	4800	402.0	495.0	-0.4	-91.0	-0.2	-1636.0
B389	95	GEO_Eqn_6.12b_nls15	5100	402.0	502.0	-0.4	-91.0	-0.1	-1786.0
B389	95	GEO_Eqn_6.12b_nls15	5400	402.0	509.0	-0.4	-91.0	0.1	-1937.0
B389	95	GEO_Eqn_6.12b_nls15	5400	-11.0	-910.0	1.0	-66.0	1.0	-1976.0
B389	95	GEO_Eqn_6.12b_nls15	5760	-11.0	-902.0	1.0	-66.0	0.4	-1650.0
B389	95	GEO_Eqn_6.12b_nls15	6120	-11.0	-894.0	1.0	-66.0	0.2	-1327.0
B389	95	GEO_Eqn_6.12b_nls15	6480	-11.0	-886.0	1.0	-66.0	-0.1	-1006.0
B389	95	GEO_Eqn_6.12b_nls15	6480	0.1	-786.0	0.0	-40.0	-0.2	-1002.0
B389	95	GEO_Eqn_6.12b_nls15	6840	0.1	-778.0	0.0	-40.0	-0.2	-720.0
B389	95	GEO_Eqn_6.12b_nls15	7200	0.0	-770.0	0.0	-40.0	-0.2	-442.0
B389	95	GEO_Eqn_6.12b_nls15	7560	0.0	-761.0	0.0	-40.0	-0.2	-166.0
B389	95	GEO_Eqn_6.12b_nls15	7560	4.0	-660.0	0.0	-12.0	-0.1	-167.0
B389	95	GEO_Eqn_6.12b_nls15	7920	4.0	-652.0	0.0	-12.0	-0.1	69.0
B389	95	GEO_Eqn_6.12b_nls15	8280	4.0	-644.0	0.0	-12.0	-0.1	303.0
B389	95	GEO_Eqn_6.12b_nls15	8640	4.0	-636.0	0.0	-12.0	-0.1	533.0
B389	95	GEO_Eqn_6.12b_nls15	8640	5.0	-537.0	0.2	16.0	-0.2	529.0
B389	95	GEO_Eqn_6.12b_nls15	9000	5.0	-529.0	0.2	16.0	-0.3	721.0
B389	95	GEO_Eqn_6.12b_nls15	9360	5.0	-521.0	0.2	16.0	-0.3	910.0
B389	95	GEO_Eqn_6.12b_nls15	9720	5.0	-513.0	0.2	16.0	-0.4	1096.0
B389	95	GEO_Eqn_6.12b_nls15	9720	3.0	-410.0	-1.0	46.0	-0.5	1095.0
B389	95	GEO_Eqn_6.12b_nls15	10080	3.0	-402.0	-1.0	46.0	0.0	1241.0
B389	95	GEO_Eqn_6.12b_nls15	10440	3.0	-394.0	-1.0	46.0	1.0	1385.0
B389	95	GEO_Eqn_6.12b_nls15	10800	3.0	-386.0	-1.0	46.0	1.0	1525.0
B389	95	GEO_Eqn_6.12b_nls15	10800	-75.0	40.0	3.0	3.0	3.0	1423.0
B389	95	GEO_Eqn_6.12b_nls15	11100	-75.0	47.0	3.0	3.0	3.0	1410.0
B389	95	GEO_Eqn_6.12b_nls15	11400	-75.0	54.0	3.0	3.0	2.0	1395.0
B389	95	GEO_Eqn_6.12b_nls15	11400	89.0	281.0	1.0	1.0	-1.0	1332.0
B389	95	GEO_Eqn_6.12b_nls15	11880	89.0	292.0	1.0	1.0	-1.0	1194.0
B389	95	GEO_Eqn_6.12b_nls15	11880	130.0	35.0	0.0	-4.0	-1.0	1083.0
B389	95	GEO_Eqn_6.12b_nls15	12000	130.0	38.0	0.0	-4.0	-1.0	1079.0
B389	95	GEO_Eqn_6.12b_nls15	12000	202.0	483.0	-0.2	-7.0	-1.0	1048.0
B389	95	GEO_Eqn_6.12b_nls15	12300	202.0	490.0	-0.2	-7.0	-1.0	902.0
B389	95	GEO_Eqn_6.12b_nls15	12600	202.0	496.0	-0.2	-7.0	-1.0	754.0
B389	95	GEO_Eqn_6.12b_nls15	12600	184.0	163.0	-0.3	-9.0	-1.0	689.0
B389	95	GEO_Eqn_6.12b_nls15	12960	184.0	171.0	-0.3	-9.0	-1.0	629.0
B389	95	GEO_Eqn_6.12b_nls15	12960	175.0	104.0	0.1	-17.0	-0.3	523.0
B389	95	GEO_Eqn_6.12b_nls15	13200	175.0	109.0	0.1	-17.0	-0.3	498.0
B389	95	GEO_Eqn_6.12b_nls15	13200	124.0	267.0	0.0	-20.0	-0.4	454.0
B389	95	GEO_Eqn_6.12b_nls15	13500	124.0	274.0	0.0	-20.0	-0.4	373.0
B389	95	GEO_Eqn_6.12b_nls15	13800	124.0	280.0	0.0	-20.0	-0.4	290.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls15	13800	43.0	22.0	-0.1	-24.0	-0.3	277.0
B389	95	GEO_Eqn_6.12b_nls15	14040	43.0	28.0	-0.1	-24.0	-0.3	271.0
B389	95	GEO_Eqn_6.12b_nls15	14040	17.0	66.0	0.2	-34.0	-0.5	236.0
B389	95	GEO_Eqn_6.12b_nls15	14400	17.0	75.0	0.2	-34.0	-1.0	211.0
B389	95	GEO_Eqn_6.12b_nls15	14400	-71.0	-28.0	0.0	-37.0	-1.0	200.0
B389	95	GEO_Eqn_6.12b_nls15	14700	-71.0	-22.0	0.0	-37.0	-1.0	208.0
B389	95	GEO_Eqn_6.12b_nls15	15000	-71.0	-15.0	0.0	-37.0	-1.0	213.0
B389	95	GEO_Eqn_6.12b_nls15	15000	-160.0	-17.0	0.0	-44.0	-1.0	221.0
B389	95	GEO_Eqn_6.12b_nls15	15120	-160.0	-14.0	0.0	-44.0	-1.0	223.0
B389	95	GEO_Eqn_6.12b_nls15	15120	-198.0	-135.0	-1.0	-57.0	-1.0	268.0
B389	95	GEO_Eqn_6.12b_nls15	15600	-198.0	-125.0	-1.0	-57.0	-1.0	331.0
B389	95	GEO_Eqn_6.12b_nls15	15600	-294.0	-307.0	-2.0	-60.0	2.0	379.0
B389	95	GEO_Eqn_6.12b_nls15	15900	-294.0	-300.0	-2.0	-60.0	2.0	470.0
B389	95	GEO_Eqn_6.12b_nls15	16200	-294.0	-293.0	-2.0	-60.0	3.0	559.0
B389	95	GEO_Eqn_6.12b_nls16	0	-208.0	-198.0	-2.0	-90.0	-3.0	230.0
B389	95	GEO_Eqn_6.12b_nls16	300	-208.0	-191.0	-2.0	-90.0	-3.0	288.0
B389	95	GEO_Eqn_6.12b_nls16	600	-208.0	-184.0	-2.0	-90.0	-2.0	345.0
B389	95	GEO_Eqn_6.12b_nls16	600	-127.0	15.0	-2.0	-90.0	0.2	346.0
B389	95	GEO_Eqn_6.12b_nls16	1080	-127.0	26.0	-2.0	-90.0	1.0	336.0
B389	95	GEO_Eqn_6.12b_nls16	1080	-124.0	4.0	0.1	-88.0	3.0	323.0
B389	95	GEO_Eqn_6.12b_nls16	1200	-124.0	7.0	0.1	-88.0	3.0	323.0
B389	95	GEO_Eqn_6.12b_nls16	1200	-71.0	155.0	2.0	-87.0	2.0	310.0
B389	95	GEO_Eqn_6.12b_nls16	1500	-71.0	161.0	2.0	-87.0	2.0	262.0
B389	95	GEO_Eqn_6.12b_nls16	1800	-71.0	168.0	2.0	-87.0	2.0	213.0
B389	95	GEO_Eqn_6.12b_nls16	1800	-37.0	95.0	1.0	-86.0	1.0	183.0
B389	95	GEO_Eqn_6.12b_nls16	2160	-37.0	103.0	1.0	-86.0	0.2	148.0
B389	95	GEO_Eqn_6.12b_nls16	2160	-43.0	67.0	-0.1	-82.0	-0.3	85.0
B389	95	GEO_Eqn_6.12b_nls16	2400	-43.0	73.0	-0.1	-82.0	-0.2	68.0
B389	95	GEO_Eqn_6.12b_nls16	2400	-25.0	342.0	0.0	-81.0	-0.2	31.0
B389	95	GEO_Eqn_6.12b_nls16	2700	-25.0	349.0	0.0	-81.0	-0.1	-73.0
B389	95	GEO_Eqn_6.12b_nls16	3000	-25.0	356.0	0.0	-81.0	-0.1	-178.0
B389	95	GEO_Eqn_6.12b_nls16	3000	-6.0	119.0	0.1	-79.0	-0.2	-223.0
B389	95	GEO_Eqn_6.12b_nls16	3240	-6.0	125.0	0.1	-79.0	-0.2	-252.0
B389	95	GEO_Eqn_6.12b_nls16	3240	-14.0	255.0	-0.1	-74.0	0.1	-389.0
B389	95	GEO_Eqn_6.12b_nls16	3600	-14.0	263.0	-0.1	-74.0	0.1	-482.0
B389	95	GEO_Eqn_6.12b_nls16	3600	20.0	703.0	0.2	-73.0	0.1	-572.0
B389	95	GEO_Eqn_6.12b_nls16	3900	20.0	710.0	0.2	-73.0	0.1	-784.0
B389	95	GEO_Eqn_6.12b_nls16	4200	20.0	717.0	0.2	-73.0	0.0	-998.0
B389	95	GEO_Eqn_6.12b_nls16	4200	113.0	66.0	0.0	-70.0	0.0	-1020.0
B389	95	GEO_Eqn_6.12b_nls16	4320	113.0	69.0	0.0	-70.0	0.0	-1028.0
B389	95	GEO_Eqn_6.12b_nls16	4320	145.0	638.0	0.3	-65.0	0.0	-1246.0
B389	95	GEO_Eqn_6.12b_nls16	4800	145.0	649.0	0.3	-65.0	-0.1	-1554.0
B389	95	GEO_Eqn_6.12b_nls16	4800	323.0	585.0	0.4	-64.0	-1.0	-1695.0
B389	95	GEO_Eqn_6.12b_nls16	5100	323.0	592.0	0.4	-64.0	-1.0	-1871.0
B389	95	GEO_Eqn_6.12b_nls16	5400	323.0	599.0	0.4	-64.0	-1.0	-2050.0
B389	95	GEO_Eqn_6.12b_nls16	5400	-9.0	-943.0	0.4	-38.0	0.4	-2093.0
B389	95	GEO_Eqn_6.12b_nls16	5760	-9.0	-935.0	0.4	-38.0	0.3	-1755.0
B389	95	GEO_Eqn_6.12b_nls16	6120	-9.0	-927.0	0.4	-38.0	0.1	-1420.0
B389	95	GEO_Eqn_6.12b_nls16	6480	-9.0	-918.0	0.4	-38.0	0.0	-1088.0
B389	95	GEO_Eqn_6.12b_nls16	6480	-0.5	-819.0	0.0	-14.0	-0.1	-1083.0
B389	95	GEO_Eqn_6.12b_nls16	6840	-0.5	-811.0	0.0	-14.0	-0.1	-789.0
B389	95	GEO_Eqn_6.12b_nls16	7200	-0.5	-803.0	0.0	-14.0	-0.1	-499.0
B389	95	GEO_Eqn_6.12b_nls16	7560	-0.5	-795.0	0.0	-14.0	-0.1	-211.0
B389	95	GEO_Eqn_6.12b_nls16	7560	3.0	-694.0	0.0	13.0	-0.1	-212.0
B389	95	GEO_Eqn_6.12b_nls16	7920	3.0	-686.0	-0.1	13.0	-0.1	37.0
B389	95	GEO_Eqn_6.12b_nls16	8280	3.0	-678.0	-0.1	13.0	-0.1	282.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B389	95	GEO_Eqn_6.12b_nls16	8640	3.0	-669.0	-0.1	13.0	-0.1	525.0
B389	95	GEO_Eqn_6.12b_nls16	8640	4.0	-572.0	0.1	38.0	-0.1	521.0
B389	95	GEO_Eqn_6.12b_nls16	9000	4.0	-564.0	0.1	38.0	-0.2	726.0
B389	95	GEO_Eqn_6.12b_nls16	9360	4.0	-555.0	0.1	38.0	-0.2	927.0
B389	95	GEO_Eqn_6.12b_nls16	9720	4.0	-547.0	0.1	38.0	-0.2	1126.0
B389	95	GEO_Eqn_6.12b_nls16	9720	3.0	-446.0	-1.0	66.0	-0.3	1125.0
B389	95	GEO_Eqn_6.12b_nls16	10080	3.0	-438.0	-1.0	66.0	0.0	1284.0
B389	95	GEO_Eqn_6.12b_nls16	10440	3.0	-430.0	-1.0	66.0	0.4	1440.0
B389	95	GEO_Eqn_6.12b_nls16	10800	3.0	-421.0	-1.0	66.0	1.0	1593.0
B389	95	GEO_Eqn_6.12b_nls16	10800	-132.0	18.0	1.0	45.0	2.0	1484.0
B389	95	GEO_Eqn_6.12b_nls16	11100	-132.0	25.0	1.0	45.0	1.0	1477.0
B389	95	GEO_Eqn_6.12b_nls16	11400	-132.0	32.0	1.0	45.0	1.0	1469.0
B389	95	GEO_Eqn_6.12b_nls16	11400	53.0	293.0	1.0	45.0	-0.4	1405.0
B389	95	GEO_Eqn_6.12b_nls16	11880	53.0	304.0	1.0	45.0	-1.0	1261.0
B389	95	GEO_Eqn_6.12b_nls16	11880	100.0	37.0	0.0	47.0	-1.0	1145.0
B389	95	GEO_Eqn_6.12b_nls16	12000	100.0	39.0	0.0	47.0	-1.0	1140.0
B389	95	GEO_Eqn_6.12b_nls16	12000	186.0	512.0	-0.1	48.0	-1.0	1107.0
B389	95	GEO_Eqn_6.12b_nls16	12300	186.0	519.0	-0.1	48.0	-1.0	952.0
B389	95	GEO_Eqn_6.12b_nls16	12600	186.0	526.0	-0.1	48.0	-1.0	796.0
B389	95	GEO_Eqn_6.12b_nls16	12600	178.0	178.0	-0.2	48.0	-0.4	725.0
B389	95	GEO_Eqn_6.12b_nls16	12960	178.0	186.0	-0.2	48.0	-0.4	660.0
B389	95	GEO_Eqn_6.12b_nls16	12960	169.0	112.0	0.0	50.0	-0.1	545.0
B389	95	GEO_Eqn_6.12b_nls16	13200	169.0	117.0	0.0	50.0	-0.2	518.0
B389	95	GEO_Eqn_6.12b_nls16	13200	126.0	301.0	0.0	50.0	-0.2	469.0
B389	95	GEO_Eqn_6.12b_nls16	13500	126.0	307.0	0.0	50.0	-0.2	378.0
B389	95	GEO_Eqn_6.12b_nls16	13800	126.0	314.0	0.0	50.0	-0.2	285.0
B389	95	GEO_Eqn_6.12b_nls16	13800	52.0	31.0	0.0	50.0	-0.1	267.0
B389	95	GEO_Eqn_6.12b_nls16	14040	52.0	37.0	0.0	50.0	-0.1	259.0
B389	95	GEO_Eqn_6.12b_nls16	14040	27.0	83.0	0.0	52.0	-0.1	215.0
B389	95	GEO_Eqn_6.12b_nls16	14400	27.0	91.0	0.0	52.0	-0.1	184.0
B389	95	GEO_Eqn_6.12b_nls16	14400	-53.0	9.0	-0.1	52.0	-0.1	167.0
B389	95	GEO_Eqn_6.12b_nls16	14700	-53.0	16.0	-0.1	52.0	-0.1	163.0
B389	95	GEO_Eqn_6.12b_nls16	15000	-53.0	23.0	-0.1	52.0	-0.1	157.0
B389	95	GEO_Eqn_6.12b_nls16	15000	-130.0	-15.0	0.0	53.0	0.0	163.0
B389	95	GEO_Eqn_6.12b_nls16	15120	-130.0	-12.0	0.0	53.0	0.0	164.0
B389	95	GEO_Eqn_6.12b_nls16	15120	-164.0	-113.0	-0.2	55.0	0.0	201.0
B389	95	GEO_Eqn_6.12b_nls16	15600	-164.0	-102.0	-0.2	55.0	0.1	253.0
B389	95	GEO_Eqn_6.12b_nls16	15600	-243.0	-305.0	-0.4	55.0	0.5	297.0
B389	95	GEO_Eqn_6.12b_nls16	15900	-243.0	-298.0	-0.4	55.0	1.0	387.0
B389	95	GEO_Eqn_6.12b_nls16	16200	-243.0	-292.0	-0.4	55.0	1.0	475.0
B394	100	GEO_Eqn_6.12b_nls01	0	4.0	-292.0	2.0	-9.0	2.0	50.0
B394	100	GEO_Eqn_6.12b_nls01	262.5	4.0	-286.0	2.0	-9.0	1.0	126.0
B394	100	GEO_Eqn_6.12b_nls01	525	4.0	-280.0	2.0	-9.0	1.0	200.0
B394	100	GEO_Eqn_6.12b_nls01	525	25.0	-105.0	1.0	-9.0	-0.4	222.0
B394	100	GEO_Eqn_6.12b_nls01	787.5	25.0	-99.0	1.0	-9.0	-1.0	249.0
B394	100	GEO_Eqn_6.12b_nls01	1050	25.0	-93.0	1.0	-9.0	-1.0	274.0
B394	100	GEO_Eqn_6.12b_nls01	1050	32.0	-3.0	0.2	-15.0	-1.0	274.0
B394	100	GEO_Eqn_6.12b_nls01	1312.5	32.0	3.0	0.1	-15.0	-1.0	274.0
B394	100	GEO_Eqn_6.12b_nls01	1575	32.0	9.0	0.1	-15.0	-1.0	272.0
B394	100	GEO_Eqn_6.12b_nls01	1575	18.0	-6.0	-0.1	-15.0	-1.0	273.0
B394	100	GEO_Eqn_6.12b_nls01	1837.5	18.0	-0.4	-0.1	-15.0	-1.0	274.0
B394	100	GEO_Eqn_6.12b_nls01	2100	18.0	6.0	-0.1	-15.0	-1.0	273.0
B394	100	GEO_Eqn_6.12b_nls01	2100	-21.0	7.0	-1.0	-17.0	-0.5	273.0
B394	100	GEO_Eqn_6.12b_nls01	2362.5	-21.0	13.0	-1.0	-17.0	-0.3	270.0
B394	100	GEO_Eqn_6.12b_nls01	2625	-21.0	19.0	-1.0	-17.0	-0.1	266.0
B394	100	GEO_Eqn_6.12b_nls01	2625	-58.0	-44.0	-1.0	-17.0	1.0	270.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls01	2887.5	-58.0	-38.0	-1.0	-17.0	1.0	281.0
B394	100	GEO_Eqn_6.12b_nls01	3150	-58.0	-32.0	-1.0	-17.0	1.0	290.0
B394	100	GEO_Eqn_6.12b_nls01	3150	128.0	-27.0	1.0	-18.0	1.0	297.0
B394	100	GEO_Eqn_6.12b_nls01	3431.25	128.0	-20.0	1.0	-18.0	1.0	304.0
B394	100	GEO_Eqn_6.12b_nls01	3712.5	128.0	-14.0	1.0	-18.0	0.3	309.0
B394	100	GEO_Eqn_6.12b_nls01	3712.5	65.0	-37.0	1.0	-18.0	-0.5	317.0
B394	100	GEO_Eqn_6.12b_nls01	3993.75	65.0	-31.0	1.0	-18.0	-1.0	326.0
B394	100	GEO_Eqn_6.12b_nls01	4275	65.0	-25.0	1.0	-18.0	-1.0	334.0
B394	100	GEO_Eqn_6.12b_nls01	4275	-51.0	111.0	-1.0	-20.0	-1.0	340.0
B394	100	GEO_Eqn_6.12b_nls01	4556.25	-51.0	117.0	-1.0	-20.0	-1.0	308.0
B394	100	GEO_Eqn_6.12b_nls01	4837.5	-51.0	123.0	-1.0	-20.0	-0.4	274.0
B394	100	GEO_Eqn_6.12b_nls01	4837.5	-142.0	340.0	-1.0	-20.0	0.4	250.0
B394	100	GEO_Eqn_6.12b_nls01	5118.75	-142.0	346.0	-1.0	-20.0	1.0	153.0
B394	100	GEO_Eqn_6.12b_nls01	5400	-142.0	353.0	-1.0	-20.0	1.0	55.0
B394	100	GEO_Eqn_6.12b_nls01	5400	2.0	-134.0	0.2	-26.0	0.1	189.0
B394	100	GEO_Eqn_6.12b_nls01	5760	2.0	-126.0	0.2	-26.0	0.0	235.0
B394	100	GEO_Eqn_6.12b_nls01	6120	2.0	-118.0	0.2	-26.0	0.0	279.0
B394	100	GEO_Eqn_6.12b_nls01	6480	2.0	-110.0	0.2	-26.0	-0.1	320.0
B394	100	GEO_Eqn_6.12b_nls01	6480	1.0	-24.0	-0.1	-20.0	-0.1	320.0
B394	100	GEO_Eqn_6.12b_nls01	6840	1.0	-16.0	-0.1	-20.0	0.0	327.0
B394	100	GEO_Eqn_6.12b_nls01	7200	1.0	-8.0	-0.1	-20.0	0.0	331.0
B394	100	GEO_Eqn_6.12b_nls01	7560	1.0	1.0	-0.1	-20.0	0.0	332.0
B394	100	GEO_Eqn_6.12b_nls01	7560	0.0	86.0	-0.1	-15.0	0.0	332.0
B394	100	GEO_Eqn_6.12b_nls01	7920	0.0	94.0	-0.1	-15.0	0.0	300.0
B394	100	GEO_Eqn_6.12b_nls01	8280	0.0	102.0	-0.1	-15.0	0.0	264.0
B394	100	GEO_Eqn_6.12b_nls01	8640	0.0	110.0	-0.1	-15.0	0.0	226.0
B394	100	GEO_Eqn_6.12b_nls01	8640	-1.0	195.0	0.0	-12.0	0.0	226.0
B394	100	GEO_Eqn_6.12b_nls01	9000	-1.0	203.0	0.0	-12.0	0.0	154.0
B394	100	GEO_Eqn_6.12b_nls01	9360	-1.0	211.0	0.0	-12.0	0.0	79.0
B394	100	GEO_Eqn_6.12b_nls01	9720	-1.0	220.0	0.0	-12.0	0.0	2.0
B394	100	GEO_Eqn_6.12b_nls01	9720	-2.0	307.0	-0.1	-9.0	-0.1	0.4
B394	100	GEO_Eqn_6.12b_nls01	10080	-2.0	315.0	-0.1	-9.0	0.0	-111.0
B394	100	GEO_Eqn_6.12b_nls01	10440	-2.0	323.0	-0.1	-9.0	0.0	-226.0
B394	100	GEO_Eqn_6.12b_nls01	10800	-2.0	331.0	-0.1	-9.0	0.0	-344.0
B394	100	GEO_Eqn_6.12b_nls01	10800	2.0	-240.0	0.4	-15.0	0.4	-319.0
B394	100	GEO_Eqn_6.12b_nls01	11160	2.0	-232.0	0.4	-15.0	0.3	-234.0
B394	100	GEO_Eqn_6.12b_nls01	11520	2.0	-224.0	0.4	-15.0	0.1	-152.0
B394	100	GEO_Eqn_6.12b_nls01	11880	2.0	-216.0	0.4	-15.0	0.0	-73.0
B394	100	GEO_Eqn_6.12b_nls01	11880	1.0	-126.0	0.0	-13.0	-0.1	-71.0
B394	100	GEO_Eqn_6.12b_nls01	12240	1.0	-118.0	0.0	-13.0	-0.1	-27.0
B394	100	GEO_Eqn_6.12b_nls01	12600	1.0	-110.0	0.0	-13.0	-0.1	14.0
B394	100	GEO_Eqn_6.12b_nls01	12960	1.0	-102.0	0.0	-13.0	-0.1	52.0
B394	100	GEO_Eqn_6.12b_nls01	12960	-0.1	-15.0	0.0	-12.0	-0.1	53.0
B394	100	GEO_Eqn_6.12b_nls01	13320	-0.1	-7.0	0.0	-12.0	-0.1	57.0
B394	100	GEO_Eqn_6.12b_nls01	13680	-0.1	1.0	0.0	-12.0	-0.1	58.0
B394	100	GEO_Eqn_6.12b_nls01	14040	-0.1	9.0	0.0	-12.0	-0.1	57.0
B394	100	GEO_Eqn_6.12b_nls01	14040	-1.0	82.0	-0.1	-11.0	-0.2	57.0
B394	100	GEO_Eqn_6.12b_nls01	14400	-1.0	90.0	-0.1	-11.0	-0.2	26.0
B394	100	GEO_Eqn_6.12b_nls01	14760	-1.0	98.0	-0.1	-11.0	-0.2	-8.0
B394	100	GEO_Eqn_6.12b_nls01	15120	-1.0	106.0	-0.1	-11.0	-0.1	-44.0
B394	100	GEO_Eqn_6.12b_nls01	15120	-2.0	144.0	-1.0	-11.0	-0.2	-44.0
B394	100	GEO_Eqn_6.12b_nls01	15480	-2.0	152.0	-1.0	-11.0	0.0	-98.0
B394	100	GEO_Eqn_6.12b_nls01	15840	-2.0	160.0	-1.0	-11.0	0.3	-154.0
B394	100	GEO_Eqn_6.12b_nls01	16200	-2.0	168.0	-1.0	-11.0	1.0	-213.0
B394	100	GEO_Eqn_6.12b_nls02	0	-48.0	-331.0	2.0	-10.0	1.0	62.0
B394	100	GEO_Eqn_6.12b_nls02	262.5	-48.0	-325.0	2.0	-10.0	1.0	148.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls02	525	-48.0	-319.0	2.0	-10.0	1.0	232.0
B394	100	GEO_Eqn_6.12b_nls02	525	-6.0	-110.0	1.0	-11.0	-0.4	256.0
B394	100	GEO_Eqn_6.12b_nls02	787.5	-6.0	-104.0	1.0	-11.0	-1.0	284.0
B394	100	GEO_Eqn_6.12b_nls02	1050	-6.0	-98.0	1.0	-11.0	-1.0	310.0
B394	100	GEO_Eqn_6.12b_nls02	1050	25.0	9.0	0.1	-17.0	-0.5	308.0
B394	100	GEO_Eqn_6.12b_nls02	1312.5	25.0	15.0	0.1	-17.0	-1.0	305.0
B394	100	GEO_Eqn_6.12b_nls02	1575	25.0	21.0	0.1	-17.0	-1.0	300.0
B394	100	GEO_Eqn_6.12b_nls02	1575	29.0	13.0	-0.1	-17.0	-1.0	297.0
B394	100	GEO_Eqn_6.12b_nls02	1837.5	29.0	19.0	-0.1	-17.0	-1.0	293.0
B394	100	GEO_Eqn_6.12b_nls02	2100	29.0	24.0	-0.1	-17.0	-1.0	288.0
B394	100	GEO_Eqn_6.12b_nls02	2100	11.0	34.0	-1.0	-19.0	-0.4	285.0
B394	100	GEO_Eqn_6.12b_nls02	2362.5	11.0	39.0	-1.0	-19.0	-0.3	275.0
B394	100	GEO_Eqn_6.12b_nls02	2625	11.0	45.0	-1.0	-19.0	-0.1	264.0
B394	100	GEO_Eqn_6.12b_nls02	2625	-10.0	-9.0	-1.0	-19.0	1.0	263.0
B394	100	GEO_Eqn_6.12b_nls02	2887.5	-10.0	-3.0	-1.0	-19.0	1.0	264.0
B394	100	GEO_Eqn_6.12b_nls02	3150	-10.0	3.0	-1.0	-19.0	1.0	264.0
B394	100	GEO_Eqn_6.12b_nls02	3150	93.0	24.0	1.0	-20.0	1.0	267.0
B394	100	GEO_Eqn_6.12b_nls02	3431.25	93.0	30.0	1.0	-20.0	1.0	259.0
B394	100	GEO_Eqn_6.12b_nls02	3712.5	93.0	36.0	1.0	-20.0	0.3	250.0
B394	100	GEO_Eqn_6.12b_nls02	3712.5	48.0	29.0	1.0	-21.0	-0.4	249.0
B394	100	GEO_Eqn_6.12b_nls02	3993.75	48.0	35.0	1.0	-21.0	-1.0	240.0
B394	100	GEO_Eqn_6.12b_nls02	4275	48.0	42.0	1.0	-21.0	-1.0	229.0
B394	100	GEO_Eqn_6.12b_nls02	4275	-36.0	190.0	-1.0	-23.0	-1.0	227.0
B394	100	GEO_Eqn_6.12b_nls02	4556.25	-36.0	196.0	-1.0	-23.0	-1.0	172.0
B394	100	GEO_Eqn_6.12b_nls02	4837.5	-36.0	203.0	-1.0	-23.0	-0.4	116.0
B394	100	GEO_Eqn_6.12b_nls02	4837.5	-104.0	402.0	-1.0	-23.0	0.3	80.0
B394	100	GEO_Eqn_6.12b_nls02	5118.75	-104.0	409.0	-1.0	-23.0	1.0	-34.0
B394	100	GEO_Eqn_6.12b_nls02	5400	-104.0	415.0	-1.0	-23.0	1.0	-150.0
B394	100	GEO_Eqn_6.12b_nls02	5400	1.0	-215.0	0.2	-29.0	0.1	-84.0
B394	100	GEO_Eqn_6.12b_nls02	5760	1.0	-206.0	0.2	-29.0	0.1	-8.0
B394	100	GEO_Eqn_6.12b_nls02	6120	1.0	-198.0	0.2	-29.0	0.0	65.0
B394	100	GEO_Eqn_6.12b_nls02	6480	1.0	-190.0	0.2	-29.0	-0.1	135.0
B394	100	GEO_Eqn_6.12b_nls02	6480	0.3	-103.0	-0.1	-24.0	0.0	135.0
B394	100	GEO_Eqn_6.12b_nls02	6840	0.3	-95.0	-0.1	-24.0	0.0	170.0
B394	100	GEO_Eqn_6.12b_nls02	7200	0.3	-87.0	-0.1	-24.0	0.0	203.0
B394	100	GEO_Eqn_6.12b_nls02	7560	0.3	-79.0	-0.1	-24.0	0.0	233.0
B394	100	GEO_Eqn_6.12b_nls02	7560	0.1	7.0	0.0	-20.0	0.0	233.0
B394	100	GEO_Eqn_6.12b_nls02	7920	0.1	15.0	0.0	-20.0	0.0	229.0
B394	100	GEO_Eqn_6.12b_nls02	8280	0.1	23.0	0.0	-20.0	0.0	222.0
B394	100	GEO_Eqn_6.12b_nls02	8640	0.1	31.0	0.0	-20.0	0.0	213.0
B394	100	GEO_Eqn_6.12b_nls02	8640	-0.3	117.0	0.0	-16.0	0.0	212.0
B394	100	GEO_Eqn_6.12b_nls02	9000	-0.3	125.0	0.0	-16.0	0.0	169.0
B394	100	GEO_Eqn_6.12b_nls02	9360	-0.3	133.0	0.0	-16.0	0.0	122.0
B394	100	GEO_Eqn_6.12b_nls02	9720	-0.3	141.0	0.0	-16.0	-0.1	73.0
B394	100	GEO_Eqn_6.12b_nls02	9720	-1.0	229.0	-0.3	-13.0	-0.1	72.0
B394	100	GEO_Eqn_6.12b_nls02	10080	-1.0	237.0	-0.3	-13.0	0.0	-12.0
B394	100	GEO_Eqn_6.12b_nls02	10440	-1.0	245.0	-0.3	-13.0	0.1	-99.0
B394	100	GEO_Eqn_6.12b_nls02	10800	-1.0	253.0	-0.3	-13.0	0.2	-188.0
B394	100	GEO_Eqn_6.12b_nls02	10800	2.0	-220.0	1.0	-19.0	1.0	-173.0
B394	100	GEO_Eqn_6.12b_nls02	11160	2.0	-212.0	1.0	-19.0	0.4	-95.0
B394	100	GEO_Eqn_6.12b_nls02	11520	2.0	-204.0	1.0	-19.0	0.1	-20.0
B394	100	GEO_Eqn_6.12b_nls02	11880	2.0	-195.0	1.0	-19.0	-0.1	52.0
B394	100	GEO_Eqn_6.12b_nls02	11880	1.0	-105.0	0.0	-17.0	-0.2	53.0
B394	100	GEO_Eqn_6.12b_nls02	12240	1.0	-97.0	0.0	-17.0	-0.2	90.0
B394	100	GEO_Eqn_6.12b_nls02	12600	1.0	-89.0	0.0	-17.0	-0.1	123.0
B394	100	GEO_Eqn_6.12b_nls02	12960	1.0	-81.0	0.0	-17.0	-0.1	154.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls02	12960	-0.1	6.0	0.0	-15.0	-0.2	155.0
B394	100	GEO_Eqn_6.12b_nls02	13320	-0.1	14.0	0.0	-15.0	-0.1	151.0
B394	100	GEO_Eqn_6.12b_nls02	13680	-0.1	22.0	-0.1	-15.0	-0.1	145.0
B394	100	GEO_Eqn_6.12b_nls02	14040	-0.1	30.0	-0.1	-15.0	-0.1	136.0
B394	100	GEO_Eqn_6.12b_nls02	14040	-1.0	103.0	-0.1	-14.0	-0.2	136.0
B394	100	GEO_Eqn_6.12b_nls02	14400	-1.0	111.0	-0.1	-14.0	-0.2	98.0
B394	100	GEO_Eqn_6.12b_nls02	14760	-1.0	119.0	-0.1	-14.0	-0.2	56.0
B394	100	GEO_Eqn_6.12b_nls02	15120	-1.0	127.0	-0.1	-14.0	-0.1	12.0
B394	100	GEO_Eqn_6.12b_nls02	15120	-1.0	164.0	-1.0	-14.0	-0.2	12.0
B394	100	GEO_Eqn_6.12b_nls02	15480	-1.0	173.0	-1.0	-14.0	0.1	-49.0
B394	100	GEO_Eqn_6.12b_nls02	15840	-1.0	181.0	-1.0	-14.0	0.4	-113.0
B394	100	GEO_Eqn_6.12b_nls02	16200	-1.0	189.0	-1.0	-14.0	1.0	-179.0
B394	100	GEO_Eqn_6.12b_nls03	0	-166.0	-199.0	-2.0	10.0	-2.0	30.0
B394	100	GEO_Eqn_6.12b_nls03	262.5	-166.0	-193.0	-2.0	10.0	-2.0	81.0
B394	100	GEO_Eqn_6.12b_nls03	525	-166.0	-187.0	-2.0	10.0	-1.0	131.0
B394	100	GEO_Eqn_6.12b_nls03	525	-96.0	-78.0	-1.0	11.0	0.4	143.0
B394	100	GEO_Eqn_6.12b_nls03	787.5	-96.0	-72.0	-1.0	11.0	1.0	162.0
B394	100	GEO_Eqn_6.12b_nls03	1050	-96.0	-66.0	-1.0	11.0	1.0	181.0
B394	100	GEO_Eqn_6.12b_nls03	1050	-15.0	-16.0	-0.3	17.0	1.0	177.0
B394	100	GEO_Eqn_6.12b_nls03	1312.5	-15.0	-10.0	-0.3	17.0	1.0	180.0
B394	100	GEO_Eqn_6.12b_nls03	1575	-15.0	-4.0	-0.3	17.0	1.0	182.0
B394	100	GEO_Eqn_6.12b_nls03	1575	41.0	-26.0	0.1	18.0	1.0	180.0
B394	100	GEO_Eqn_6.12b_nls03	1837.5	41.0	-20.0	0.1	18.0	1.0	187.0
B394	100	GEO_Eqn_6.12b_nls03	2100	41.0	-14.0	0.1	18.0	1.0	191.0
B394	100	GEO_Eqn_6.12b_nls03	2100	99.0	1.0	1.0	22.0	1.0	188.0
B394	100	GEO_Eqn_6.12b_nls03	2362.5	99.0	7.0	1.0	22.0	1.0	187.0
B394	100	GEO_Eqn_6.12b_nls03	2625	99.0	13.0	1.0	22.0	0.3	185.0
B394	100	GEO_Eqn_6.12b_nls03	2625	137.0	-29.0	2.0	22.0	-1.0	183.0
B394	100	GEO_Eqn_6.12b_nls03	2887.5	137.0	-23.0	2.0	22.0	-2.0	190.0
B394	100	GEO_Eqn_6.12b_nls03	3150	137.0	-17.0	2.0	22.0	-2.0	195.0
B394	100	GEO_Eqn_6.12b_nls03	3150	-11.0	21.0	-1.0	27.0	-1.0	195.0
B394	100	GEO_Eqn_6.12b_nls03	3431.25	-11.0	28.0	-1.0	27.0	-1.0	188.0
B394	100	GEO_Eqn_6.12b_nls03	3712.5	-11.0	34.0	-1.0	27.0	-1.0	179.0
B394	100	GEO_Eqn_6.12b_nls03	3712.5	6.0	34.0	-1.0	27.0	1.0	174.0
B394	100	GEO_Eqn_6.12b_nls03	3993.75	6.0	40.0	-1.0	27.0	1.0	163.0
B394	100	GEO_Eqn_6.12b_nls03	4275	6.0	46.0	-1.0	27.0	1.0	151.0
B394	100	GEO_Eqn_6.12b_nls03	4275	10.0	187.0	1.0	34.0	1.0	144.0
B394	100	GEO_Eqn_6.12b_nls03	4556.25	10.0	194.0	1.0	34.0	1.0	90.0
B394	100	GEO_Eqn_6.12b_nls03	4837.5	10.0	200.0	1.0	34.0	1.0	35.0
B394	100	GEO_Eqn_6.12b_nls03	4837.5	-5.0	345.0	1.0	35.0	-1.0	-2.0
B394	100	GEO_Eqn_6.12b_nls03	5118.75	-5.0	351.0	1.0	35.0	-1.0	-99.0
B394	100	GEO_Eqn_6.12b_nls03	5400	-5.0	357.0	1.0	35.0	-1.0	-199.0
B394	100	GEO_Eqn_6.12b_nls03	5400	0.3	-170.0	0.0	49.0	0.0	-203.0
B394	100	GEO_Eqn_6.12b_nls03	5760	0.3	-162.0	0.0	49.0	0.0	-144.0
B394	100	GEO_Eqn_6.12b_nls03	6120	0.3	-153.0	0.0	49.0	0.0	-87.0
B394	100	GEO_Eqn_6.12b_nls03	6480	0.3	-145.0	0.0	49.0	0.0	-33.0
B394	100	GEO_Eqn_6.12b_nls03	6480	0.3	-54.0	0.0	43.0	0.0	-34.0
B394	100	GEO_Eqn_6.12b_nls03	6840	0.3	-46.0	0.0	43.0	0.0	-15.0
B394	100	GEO_Eqn_6.12b_nls03	7200	0.3	-38.0	0.0	43.0	0.0	-0.1
B394	100	GEO_Eqn_6.12b_nls03	7560	0.3	-30.0	0.0	43.0	0.0	12.0
B394	100	GEO_Eqn_6.12b_nls03	7560	0.2	59.0	-0.1	38.0	-0.1	12.0
B394	100	GEO_Eqn_6.12b_nls03	7920	0.2	67.0	-0.1	38.0	0.0	-11.0
B394	100	GEO_Eqn_6.12b_nls03	8280	0.2	75.0	-0.1	38.0	0.0	-37.0
B394	100	GEO_Eqn_6.12b_nls03	8640	0.2	83.0	-0.1	38.0	0.0	-65.0
B394	100	GEO_Eqn_6.12b_nls03	8640	-0.2	173.0	-0.1	32.0	0.0	-66.0
B394	100	GEO_Eqn_6.12b_nls03	9000	-0.2	181.0	-0.1	32.0	0.0	-129.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls03	9360	-0.2	189.0	-0.1	32.0	0.0	-196.0
B394	100	GEO_Eqn_6.12b_nls03	9720	-0.2	197.0	-0.1	32.0	0.1	-265.0
B394	100	GEO_Eqn_6.12b_nls03	9720	-1.0	288.0	0.1	27.0	0.1	-266.0
B394	100	GEO_Eqn_6.12b_nls03	10080	-1.0	296.0	0.1	27.0	0.0	-371.0
B394	100	GEO_Eqn_6.12b_nls03	10440	-1.0	304.0	0.1	27.0	0.0	-479.0
B394	100	GEO_Eqn_6.12b_nls03	10800	-1.0	312.0	0.1	27.0	-0.1	-590.0
B394	100	GEO_Eqn_6.12b_nls03	10800	0.5	-414.0	-1.0	55.0	-0.5	-598.0
B394	100	GEO_Eqn_6.12b_nls03	11160	0.5	-406.0	-1.0	55.0	-0.3	-451.0
B394	100	GEO_Eqn_6.12b_nls03	11520	0.5	-397.0	-1.0	55.0	-0.1	-306.0
B394	100	GEO_Eqn_6.12b_nls03	11880	0.5	-389.0	-1.0	55.0	0.1	-164.0
B394	100	GEO_Eqn_6.12b_nls03	11880	0.2	-298.0	0.0	50.0	0.1	-162.0
B394	100	GEO_Eqn_6.12b_nls03	12240	0.2	-290.0	0.0	50.0	0.1	-56.0
B394	100	GEO_Eqn_6.12b_nls03	12600	0.2	-281.0	-0.1	50.0	0.1	47.0
B394	100	GEO_Eqn_6.12b_nls03	12960	0.1	-273.0	-0.1	50.0	0.2	147.0
B394	100	GEO_Eqn_6.12b_nls03	12960	-0.1	-187.0	0.0	46.0	0.1	148.0
B394	100	GEO_Eqn_6.12b_nls03	13320	-0.1	-178.0	0.0	46.0	0.1	214.0
B394	100	GEO_Eqn_6.12b_nls03	13680	-0.1	-170.0	0.0	46.0	0.1	277.0
B394	100	GEO_Eqn_6.12b_nls03	14040	-0.1	-162.0	0.0	46.0	0.1	337.0
B394	100	GEO_Eqn_6.12b_nls03	14040	-0.2	-90.0	0.1	44.0	0.2	338.0
B394	100	GEO_Eqn_6.12b_nls03	14400	-0.2	-82.0	0.1	44.0	0.1	369.0
B394	100	GEO_Eqn_6.12b_nls03	14760	-0.2	-74.0	0.1	44.0	0.1	397.0
B394	100	GEO_Eqn_6.12b_nls03	15120	-0.2	-66.0	0.1	44.0	0.1	422.0
B394	100	GEO_Eqn_6.12b_nls03	15120	-0.3	-27.0	0.5	43.0	0.1	423.0
B394	100	GEO_Eqn_6.12b_nls03	15480	-0.3	-19.0	0.5	43.0	-0.1	431.0
B394	100	GEO_Eqn_6.12b_nls03	15840	-0.3	-11.0	0.5	43.0	-0.3	436.0
B394	100	GEO_Eqn_6.12b_nls03	16200	-0.3	-3.0	0.5	43.0	-0.4	438.0
B394	100	GEO_Eqn_6.12b_nls04	0	-288.0	-267.0	-3.0	7.0	-3.0	53.0
B394	100	GEO_Eqn_6.12b_nls04	262.5	-288.0	-261.0	-3.0	7.0	-2.0	123.0
B394	100	GEO_Eqn_6.12b_nls04	525	-288.0	-255.0	-3.0	7.0	-1.0	190.0
B394	100	GEO_Eqn_6.12b_nls04	525	-171.0	-83.0	-1.0	8.0	0.5	203.0
B394	100	GEO_Eqn_6.12b_nls04	787.5	-171.0	-77.0	-1.0	8.0	1.0	224.0
B394	100	GEO_Eqn_6.12b_nls04	1050	-171.0	-71.0	-1.0	8.0	1.0	244.0
B394	100	GEO_Eqn_6.12b_nls04	1050	-34.0	7.0	-0.3	14.0	1.0	235.0
B394	100	GEO_Eqn_6.12b_nls04	1312.5	-34.0	13.0	-0.3	14.0	1.0	233.0
B394	100	GEO_Eqn_6.12b_nls04	1575	-34.0	19.0	-0.3	14.0	1.0	229.0
B394	100	GEO_Eqn_6.12b_nls04	1575	64.0	10.0	0.2	15.0	1.0	220.0
B394	100	GEO_Eqn_6.12b_nls04	1837.5	64.0	16.0	0.2	15.0	1.0	217.0
B394	100	GEO_Eqn_6.12b_nls04	2100	64.0	22.0	0.2	15.0	1.0	212.0
B394	100	GEO_Eqn_6.12b_nls04	2100	175.0	53.0	1.0	18.0	1.0	203.0
B394	100	GEO_Eqn_6.12b_nls04	2362.5	175.0	59.0	1.0	18.0	1.0	188.0
B394	100	GEO_Eqn_6.12b_nls04	2625	175.0	65.0	1.0	18.0	0.3	172.0
B394	100	GEO_Eqn_6.12b_nls04	2625	253.0	43.0	2.0	19.0	-1.0	159.0
B394	100	GEO_Eqn_6.12b_nls04	2887.5	253.0	49.0	2.0	19.0	-2.0	147.0
B394	100	GEO_Eqn_6.12b_nls04	3150	253.0	55.0	2.0	19.0	-2.0	133.0
B394	100	GEO_Eqn_6.12b_nls04	3150	-96.0	127.0	-2.0	22.0	-2.0	122.0
B394	100	GEO_Eqn_6.12b_nls04	3431.25	-96.0	133.0	-2.0	22.0	-1.0	86.0
B394	100	GEO_Eqn_6.12b_nls04	3712.5	-96.0	139.0	-2.0	22.0	-1.0	47.0
B394	100	GEO_Eqn_6.12b_nls04	3712.5	-34.0	174.0	-1.0	23.0	1.0	23.0
B394	100	GEO_Eqn_6.12b_nls04	3993.75	-34.0	180.0	-1.0	23.0	1.0	-27.0
B394	100	GEO_Eqn_6.12b_nls04	4275	-34.0	186.0	-1.0	23.0	1.0	-79.0
B394	100	GEO_Eqn_6.12b_nls04	4275	45.0	354.0	1.0	29.0	2.0	-104.0
B394	100	GEO_Eqn_6.12b_nls04	4556.25	45.0	361.0	1.0	29.0	1.0	-204.0
B394	100	GEO_Eqn_6.12b_nls04	4837.5	45.0	367.0	1.0	29.0	1.0	-307.0
B394	100	GEO_Eqn_6.12b_nls04	4837.5	85.0	470.0	2.0	29.0	-1.0	-368.0
B394	100	GEO_Eqn_6.12b_nls04	5118.75	85.0	476.0	2.0	29.0	-1.0	-501.0
B394	100	GEO_Eqn_6.12b_nls04	5400	85.0	482.0	2.0	29.0	-2.0	-636.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls04	5400	-2.0	-343.0	-0.1	44.0	-0.1	-790.0
B394	100	GEO_Eqn_6.12b_nls04	5760	-2.0	-334.0	-0.1	44.0	0.0	-668.0
B394	100	GEO_Eqn_6.12b_nls04	6120	-2.0	-326.0	-0.1	44.0	0.0	-549.0
B394	100	GEO_Eqn_6.12b_nls04	6480	-2.0	-318.0	-0.1	44.0	0.1	-433.0
B394	100	GEO_Eqn_6.12b_nls04	6480	-0.2	-225.0	0.1	37.0	0.1	-433.0
B394	100	GEO_Eqn_6.12b_nls04	6840	-0.2	-217.0	0.1	37.0	0.0	-353.0
B394	100	GEO_Eqn_6.12b_nls04	7200	-0.2	-209.0	0.1	37.0	0.0	-276.0
B394	100	GEO_Eqn_6.12b_nls04	7560	-0.2	-201.0	0.1	37.0	0.0	-203.0
B394	100	GEO_Eqn_6.12b_nls04	7560	1.0	-110.0	0.0	31.0	0.0	-202.0
B394	100	GEO_Eqn_6.12b_nls04	7920	1.0	-102.0	0.0	31.0	0.0	-164.0
B394	100	GEO_Eqn_6.12b_nls04	8280	1.0	-94.0	0.0	31.0	0.0	-128.0
B394	100	GEO_Eqn_6.12b_nls04	8640	1.0	-86.0	0.0	31.0	0.0	-96.0
B394	100	GEO_Eqn_6.12b_nls04	8640	1.0	5.0	0.0	25.0	0.0	-96.0
B394	100	GEO_Eqn_6.12b_nls04	9000	1.0	13.0	0.0	25.0	0.0	-99.0
B394	100	GEO_Eqn_6.12b_nls04	9360	1.0	21.0	-0.1	25.0	0.0	-105.0
B394	100	GEO_Eqn_6.12b_nls04	9720	1.0	29.0	-0.1	25.0	0.0	-114.0
B394	100	GEO_Eqn_6.12b_nls04	9720	1.0	121.0	0.0	20.0	0.0	-114.0
B394	100	GEO_Eqn_6.12b_nls04	10080	1.0	129.0	0.0	20.0	0.0	-159.0
B394	100	GEO_Eqn_6.12b_nls04	10440	1.0	137.0	0.0	20.0	0.0	-206.0
B394	100	GEO_Eqn_6.12b_nls04	10800	1.0	145.0	0.0	20.0	0.0	-257.0
B394	100	GEO_Eqn_6.12b_nls04	10800	-0.2	-371.0	-0.2	48.0	-0.2	-286.0
B394	100	GEO_Eqn_6.12b_nls04	11160	-0.2	-363.0	-0.2	48.0	-0.1	-154.0
B394	100	GEO_Eqn_6.12b_nls04	11520	-0.2	-355.0	-0.2	48.0	0.0	-25.0
B394	100	GEO_Eqn_6.12b_nls04	11880	-0.2	-347.0	-0.3	48.0	0.0	102.0
B394	100	GEO_Eqn_6.12b_nls04	11880	0.0	-254.0	0.0	44.0	0.0	104.0
B394	100	GEO_Eqn_6.12b_nls04	12240	0.0	-246.0	-0.1	44.0	0.1	194.0
B394	100	GEO_Eqn_6.12b_nls04	12600	0.0	-238.0	-0.1	44.0	0.1	281.0
B394	100	GEO_Eqn_6.12b_nls04	12960	0.0	-230.0	-0.1	44.0	0.1	365.0
B394	100	GEO_Eqn_6.12b_nls04	12960	-0.1	-143.0	0.0	40.0	0.0	367.0
B394	100	GEO_Eqn_6.12b_nls04	13320	-0.1	-134.0	0.0	40.0	0.1	417.0
B394	100	GEO_Eqn_6.12b_nls04	13680	-0.1	-126.0	0.0	40.0	0.1	464.0
B394	100	GEO_Eqn_6.12b_nls04	14040	-0.1	-118.0	0.0	40.0	0.1	508.0
B394	100	GEO_Eqn_6.12b_nls04	14040	0.1	-46.0	0.1	38.0	0.1	509.0
B394	100	GEO_Eqn_6.12b_nls04	14400	0.1	-38.0	0.1	38.0	0.1	524.0
B394	100	GEO_Eqn_6.12b_nls04	14760	0.1	-30.0	0.1	38.0	0.1	536.0
B394	100	GEO_Eqn_6.12b_nls04	15120	0.1	-22.0	0.0	38.0	0.0	546.0
B394	100	GEO_Eqn_6.12b_nls04	15120	0.2	16.0	0.3	37.0	0.1	546.0
B394	100	GEO_Eqn_6.12b_nls04	15480	0.2	25.0	0.3	37.0	0.0	538.0
B394	100	GEO_Eqn_6.12b_nls04	15840	0.2	33.0	0.3	37.0	-0.1	528.0
B394	100	GEO_Eqn_6.12b_nls04	16200	0.2	41.0	0.3	37.0	-0.3	515.0
B394	100	GEO_Eqn_6.12b_nls05	0	-3.0	-307.0	2.0	-10.0	2.0	53.0
B394	100	GEO_Eqn_6.12b_nls05	262.5	-3.0	-301.0	2.0	-10.0	1.0	133.0
B394	100	GEO_Eqn_6.12b_nls05	525	-3.0	-295.0	2.0	-10.0	1.0	211.0
B394	100	GEO_Eqn_6.12b_nls05	525	22.0	-108.0	1.0	-10.0	-0.4	235.0
B394	100	GEO_Eqn_6.12b_nls05	787.5	22.0	-102.0	1.0	-10.0	-1.0	262.0
B394	100	GEO_Eqn_6.12b_nls05	1050	22.0	-96.0	1.0	-10.0	-1.0	288.0
B394	100	GEO_Eqn_6.12b_nls05	1050	32.0	1.0	0.2	-17.0	-1.0	288.0
B394	100	GEO_Eqn_6.12b_nls05	1312.5	32.0	7.0	0.2	-17.0	-1.0	287.0
B394	100	GEO_Eqn_6.12b_nls05	1575	32.0	13.0	0.2	-17.0	-1.0	284.0
B394	100	GEO_Eqn_6.12b_nls05	1575	20.0	0.1	-0.1	-17.0	-1.0	284.0
B394	100	GEO_Eqn_6.12b_nls05	1837.5	20.0	6.0	-0.1	-17.0	-1.0	283.0
B394	100	GEO_Eqn_6.12b_nls05	2100	20.0	12.0	-0.1	-17.0	-1.0	280.0
B394	100	GEO_Eqn_6.12b_nls05	2100	-17.0	16.0	-1.0	-18.0	-0.5	280.0
B394	100	GEO_Eqn_6.12b_nls05	2362.5	-17.0	21.0	-1.0	-18.0	-0.3	275.0
B394	100	GEO_Eqn_6.12b_nls05	2625	-17.0	27.0	-1.0	-18.0	-0.1	269.0
B394	100	GEO_Eqn_6.12b_nls05	2625	-53.0	-34.0	-1.0	-19.0	1.0	271.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls05	2887.5	-53.0	-28.0	-1.0	-19.0	1.0	280.0
B394	100	GEO_Eqn_6.12b_nls05	3150	-53.0	-22.0	-1.0	-19.0	1.0	286.0
B394	100	GEO_Eqn_6.12b_nls05	3150	124.0	-13.0	1.0	-19.0	1.0	292.0
B394	100	GEO_Eqn_6.12b_nls05	3431.25	124.0	-7.0	1.0	-19.0	1.0	295.0
B394	100	GEO_Eqn_6.12b_nls05	3712.5	124.0	-0.2	1.0	-19.0	0.4	296.0
B394	100	GEO_Eqn_6.12b_nls05	3712.5	63.0	-19.0	1.0	-20.0	-0.5	301.0
B394	100	GEO_Eqn_6.12b_nls05	3993.75	63.0	-13.0	1.0	-20.0	-1.0	306.0
B394	100	GEO_Eqn_6.12b_nls05	4275	63.0	-6.0	1.0	-20.0	-1.0	308.0
B394	100	GEO_Eqn_6.12b_nls05	4275	-50.0	133.0	-1.0	-21.0	-1.0	312.0
B394	100	GEO_Eqn_6.12b_nls05	4556.25	-50.0	140.0	-1.0	-21.0	-1.0	274.0
B394	100	GEO_Eqn_6.12b_nls05	4837.5	-50.0	146.0	-1.0	-21.0	-0.4	234.0
B394	100	GEO_Eqn_6.12b_nls05	4837.5	-137.0	361.0	-1.0	-22.0	0.4	206.0
B394	100	GEO_Eqn_6.12b_nls05	5118.75	-137.0	367.0	-1.0	-22.0	1.0	103.0
B394	100	GEO_Eqn_6.12b_nls05	5400	-137.0	374.0	-1.0	-22.0	1.0	-1.0
B394	100	GEO_Eqn_6.12b_nls05	5400	2.0	-150.0	0.2	-28.0	0.1	118.0
B394	100	GEO_Eqn_6.12b_nls05	5760	2.0	-142.0	0.2	-28.0	0.0	171.0
B394	100	GEO_Eqn_6.12b_nls05	6120	2.0	-134.0	0.2	-28.0	0.0	220.0
B394	100	GEO_Eqn_6.12b_nls05	6480	2.0	-126.0	0.2	-28.0	-0.1	267.0
B394	100	GEO_Eqn_6.12b_nls05	6480	1.0	-40.0	-0.1	-22.0	-0.1	267.0
B394	100	GEO_Eqn_6.12b_nls05	6840	1.0	-32.0	-0.1	-22.0	0.0	280.0
B394	100	GEO_Eqn_6.12b_nls05	7200	1.0	-23.0	-0.1	-22.0	0.0	290.0
B394	100	GEO_Eqn_6.12b_nls05	7560	1.0	-15.0	-0.1	-22.0	0.0	297.0
B394	100	GEO_Eqn_6.12b_nls05	7560	0.0	70.0	0.0	-17.0	0.0	296.0
B394	100	GEO_Eqn_6.12b_nls05	7920	0.0	78.0	0.0	-17.0	0.0	269.0
B394	100	GEO_Eqn_6.12b_nls05	8280	0.0	86.0	0.0	-17.0	0.0	240.0
B394	100	GEO_Eqn_6.12b_nls05	8640	0.0	94.0	-0.1	-17.0	0.0	207.0
B394	100	GEO_Eqn_6.12b_nls05	8640	-1.0	180.0	0.0	-13.0	0.0	207.0
B394	100	GEO_Eqn_6.12b_nls05	9000	-1.0	188.0	0.0	-13.0	0.0	141.0
B394	100	GEO_Eqn_6.12b_nls05	9360	-1.0	196.0	0.0	-13.0	0.0	71.0
B394	100	GEO_Eqn_6.12b_nls05	9720	-1.0	204.0	0.0	-13.0	0.0	-1.0
B394	100	GEO_Eqn_6.12b_nls05	9720	-2.0	292.0	-0.1	-10.0	-0.1	-2.0
B394	100	GEO_Eqn_6.12b_nls05	10080	-2.0	300.0	-0.1	-10.0	0.0	-108.0
B394	100	GEO_Eqn_6.12b_nls05	10440	-2.0	308.0	-0.1	-10.0	0.0	-217.0
B394	100	GEO_Eqn_6.12b_nls05	10800	-2.0	316.0	-0.1	-10.0	0.1	-330.0
B394	100	GEO_Eqn_6.12b_nls05	10800	2.0	-244.0	0.4	-15.0	0.4	-308.0
B394	100	GEO_Eqn_6.12b_nls05	11160	2.0	-236.0	0.4	-15.0	0.3	-221.0
B394	100	GEO_Eqn_6.12b_nls05	11520	2.0	-228.0	0.4	-15.0	0.1	-138.0
B394	100	GEO_Eqn_6.12b_nls05	11880	2.0	-220.0	0.4	-15.0	0.0	-57.0
B394	100	GEO_Eqn_6.12b_nls05	11880	1.0	-130.0	0.0	-13.0	-0.1	-55.0
B394	100	GEO_Eqn_6.12b_nls05	12240	1.0	-122.0	0.0	-13.0	-0.1	-10.0
B394	100	GEO_Eqn_6.12b_nls05	12600	1.0	-114.0	0.0	-13.0	-0.1	33.0
B394	100	GEO_Eqn_6.12b_nls05	12960	1.0	-106.0	0.0	-13.0	-0.1	73.0
B394	100	GEO_Eqn_6.12b_nls05	12960	-0.1	-19.0	0.0	-12.0	-0.1	74.0
B394	100	GEO_Eqn_6.12b_nls05	13320	-0.1	-11.0	0.0	-12.0	-0.1	79.0
B394	100	GEO_Eqn_6.12b_nls05	13680	-0.1	-3.0	0.0	-12.0	-0.1	82.0
B394	100	GEO_Eqn_6.12b_nls05	14040	-0.1	5.0	0.0	-12.0	-0.1	81.0
B394	100	GEO_Eqn_6.12b_nls05	14040	-1.0	78.0	-0.1	-11.0	-0.2	82.0
B394	100	GEO_Eqn_6.12b_nls05	14400	-1.0	86.0	-0.1	-11.0	-0.2	52.0
B394	100	GEO_Eqn_6.12b_nls05	14760	-1.0	94.0	-0.1	-11.0	-0.1	20.0
B394	100	GEO_Eqn_6.12b_nls05	15120	-1.0	102.0	-0.1	-11.0	-0.1	-15.0
B394	100	GEO_Eqn_6.12b_nls05	15120	-2.0	140.0	-1.0	-11.0	-0.2	-16.0
B394	100	GEO_Eqn_6.12b_nls05	15480	-2.0	148.0	-1.0	-11.0	0.0	-67.0
B394	100	GEO_Eqn_6.12b_nls05	15840	-2.0	156.0	-1.0	-11.0	0.3	-122.0
B394	100	GEO_Eqn_6.12b_nls05	16200	-2.0	164.0	-1.0	-11.0	1.0	-180.0
B394	100	GEO_Eqn_6.12b_nls06	0	-114.0	-384.0	2.0	-14.0	1.0	78.0
B394	100	GEO_Eqn_6.12b_nls06	262.5	-114.0	-378.0	2.0	-14.0	1.0	178.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls06	525	-114.0	-372.0	2.0	-14.0	1.0	276.0
B394	100	GEO_Eqn_6.12b_nls06	525	-45.0	-116.0	0.5	-14.0	-0.4	302.0
B394	100	GEO_Eqn_6.12b_nls06	787.5	-45.0	-110.0	0.5	-14.0	-1.0	332.0
B394	100	GEO_Eqn_6.12b_nls06	1050	-45.0	-104.0	0.5	-14.0	-1.0	360.0
B394	100	GEO_Eqn_6.12b_nls06	1050	17.0	24.0	0.1	-20.0	-0.4	355.0
B394	100	GEO_Eqn_6.12b_nls06	1312.5	17.0	30.0	0.1	-20.0	-0.5	348.0
B394	100	GEO_Eqn_6.12b_nls06	1575	17.0	36.0	0.1	-20.0	-1.0	339.0
B394	100	GEO_Eqn_6.12b_nls06	1575	42.0	38.0	-0.1	-21.0	-1.0	332.0
B394	100	GEO_Eqn_6.12b_nls06	1837.5	42.0	44.0	-0.1	-21.0	-1.0	321.0
B394	100	GEO_Eqn_6.12b_nls06	2100	42.0	50.0	-0.1	-21.0	-1.0	309.0
B394	100	GEO_Eqn_6.12b_nls06	2100	51.0	68.0	-1.0	-23.0	-0.4	303.0
B394	100	GEO_Eqn_6.12b_nls06	2362.5	51.0	74.0	-1.0	-23.0	-0.2	284.0
B394	100	GEO_Eqn_6.12b_nls06	2625	51.0	80.0	-1.0	-23.0	-0.1	264.0
B394	100	GEO_Eqn_6.12b_nls06	2625	49.0	38.0	-1.0	-23.0	1.0	255.0
B394	100	GEO_Eqn_6.12b_nls06	2887.5	49.0	44.0	-1.0	-23.0	1.0	245.0
B394	100	GEO_Eqn_6.12b_nls06	3150	49.0	50.0	-1.0	-23.0	1.0	232.0
B394	100	GEO_Eqn_6.12b_nls06	3150	50.0	89.0	1.0	-25.0	1.0	229.0
B394	100	GEO_Eqn_6.12b_nls06	3431.25	50.0	96.0	1.0	-25.0	0.5	203.0
B394	100	GEO_Eqn_6.12b_nls06	3712.5	50.0	102.0	1.0	-25.0	0.2	175.0
B394	100	GEO_Eqn_6.12b_nls06	3712.5	27.0	117.0	0.4	-25.0	-0.4	162.0
B394	100	GEO_Eqn_6.12b_nls06	3993.75	27.0	123.0	0.4	-25.0	-0.5	129.0
B394	100	GEO_Eqn_6.12b_nls06	4275	27.0	129.0	0.4	-25.0	-1.0	93.0
B394	100	GEO_Eqn_6.12b_nls06	4275	-19.0	296.0	-0.4	-28.0	-1.0	80.0
B394	100	GEO_Eqn_6.12b_nls06	4556.25	-19.0	302.0	-0.4	-28.0	-0.4	-4.0
B394	100	GEO_Eqn_6.12b_nls06	4837.5	-19.0	309.0	-0.4	-28.0	-0.3	-90.0
B394	100	GEO_Eqn_6.12b_nls06	4837.5	-58.0	489.0	-1.0	-28.0	0.3	-142.0
B394	100	GEO_Eqn_6.12b_nls06	5118.75	-58.0	495.0	-1.0	-28.0	0.4	-281.0
B394	100	GEO_Eqn_6.12b_nls06	5400	-58.0	502.0	-1.0	-28.0	1.0	-421.0
B394	100	GEO_Eqn_6.12b_nls06	5400	-1.0	-318.0	0.0	-35.0	0.0	-442.0
B394	100	GEO_Eqn_6.12b_nls06	5760	-1.0	-310.0	0.0	-35.0	0.0	-329.0
B394	100	GEO_Eqn_6.12b_nls06	6120	-1.0	-301.0	0.0	-35.0	0.0	-219.0
B394	100	GEO_Eqn_6.12b_nls06	6480	-1.0	-293.0	0.0	-35.0	0.0	-112.0
B394	100	GEO_Eqn_6.12b_nls06	6480	0.1	-205.0	0.0	-30.0	0.0	-111.0
B394	100	GEO_Eqn_6.12b_nls06	6840	0.1	-197.0	0.0	-30.0	0.0	-39.0
B394	100	GEO_Eqn_6.12b_nls06	7200	0.1	-189.0	0.0	-30.0	0.0	31.0
B394	100	GEO_Eqn_6.12b_nls06	7560	0.1	-181.0	0.0	-30.0	0.0	97.0
B394	100	GEO_Eqn_6.12b_nls06	7560	0.4	-95.0	0.0	-26.0	0.0	98.0
B394	100	GEO_Eqn_6.12b_nls06	7920	0.4	-87.0	0.0	-26.0	0.0	130.0
B394	100	GEO_Eqn_6.12b_nls06	8280	0.4	-78.0	0.0	-26.0	0.0	160.0
B394	100	GEO_Eqn_6.12b_nls06	8640	0.4	-70.0	0.0	-26.0	0.0	187.0
B394	100	GEO_Eqn_6.12b_nls06	8640	0.3	17.0	0.1	-21.0	0.0	187.0
B394	100	GEO_Eqn_6.12b_nls06	9000	0.3	25.0	0.1	-21.0	0.0	180.0
B394	100	GEO_Eqn_6.12b_nls06	9360	0.3	33.0	0.1	-21.0	0.0	169.0
B394	100	GEO_Eqn_6.12b_nls06	9720	0.3	41.0	0.1	-21.0	-0.1	156.0
B394	100	GEO_Eqn_6.12b_nls06	9720	-0.3	129.0	-0.3	-18.0	-0.1	156.0
B394	100	GEO_Eqn_6.12b_nls06	10080	-0.3	138.0	-0.3	-18.0	0.0	108.0
B394	100	GEO_Eqn_6.12b_nls06	10440	-0.3	146.0	-0.3	-18.0	0.1	57.0
B394	100	GEO_Eqn_6.12b_nls06	10800	-0.3	154.0	-0.3	-18.0	0.1	3.0
B394	100	GEO_Eqn_6.12b_nls06	10800	2.0	-198.0	1.0	-24.0	1.0	6.0
B394	100	GEO_Eqn_6.12b_nls06	11160	2.0	-190.0	1.0	-24.0	0.4	76.0
B394	100	GEO_Eqn_6.12b_nls06	11520	2.0	-182.0	1.0	-24.0	0.1	143.0
B394	100	GEO_Eqn_6.12b_nls06	11880	2.0	-174.0	1.0	-24.0	-0.1	207.0
B394	100	GEO_Eqn_6.12b_nls06	11880	1.0	-83.0	0.0	-21.0	-0.2	209.0
B394	100	GEO_Eqn_6.12b_nls06	12240	1.0	-75.0	0.0	-21.0	-0.2	237.0
B394	100	GEO_Eqn_6.12b_nls06	12600	1.0	-67.0	0.0	-21.0	-0.2	263.0
B394	100	GEO_Eqn_6.12b_nls06	12960	1.0	-59.0	0.0	-21.0	-0.1	285.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls06	12960	-0.1	28.0	-0.1	-19.0	-0.2	286.0
B394	100	GEO_Eqn_6.12b_nls06	13320	-0.1	36.0	-0.1	-19.0	-0.2	275.0
B394	100	GEO_Eqn_6.12b_nls06	13680	-0.1	44.0	-0.1	-19.0	-0.1	260.0
B394	100	GEO_Eqn_6.12b_nls06	14040	-0.1	52.0	-0.1	-19.0	-0.1	243.0
B394	100	GEO_Eqn_6.12b_nls06	14040	-1.0	125.0	-0.1	-18.0	-0.3	243.0
B394	100	GEO_Eqn_6.12b_nls06	14400	-1.0	133.0	-0.2	-18.0	-0.2	196.0
B394	100	GEO_Eqn_6.12b_nls06	14760	-1.0	142.0	-0.2	-18.0	-0.2	147.0
B394	100	GEO_Eqn_6.12b_nls06	15120	-1.0	150.0	-0.2	-18.0	-0.1	94.0
B394	100	GEO_Eqn_6.12b_nls06	15120	-1.0	187.0	-1.0	-18.0	-0.2	94.0
B394	100	GEO_Eqn_6.12b_nls06	15480	-1.0	195.0	-1.0	-18.0	0.1	25.0
B394	100	GEO_Eqn_6.12b_nls06	15840	-1.0	203.0	-1.0	-18.0	0.4	-46.0
B394	100	GEO_Eqn_6.12b_nls06	16200	-1.0	211.0	-1.0	-18.0	1.0	-121.0
B394	100	GEO_Eqn_6.12b_nls07	0	-153.0	-188.0	-2.0	11.0	-2.0	26.0
B394	100	GEO_Eqn_6.12b_nls07	262.5	-153.0	-182.0	-2.0	11.0	-2.0	75.0
B394	100	GEO_Eqn_6.12b_nls07	525	-153.0	-176.0	-2.0	11.0	-1.0	122.0
B394	100	GEO_Eqn_6.12b_nls07	525	-88.0	-77.0	-1.0	12.0	0.4	133.0
B394	100	GEO_Eqn_6.12b_nls07	787.5	-88.0	-71.0	-1.0	12.0	1.0	153.0
B394	100	GEO_Eqn_6.12b_nls07	1050	-88.0	-65.0	-1.0	12.0	1.0	171.0
B394	100	GEO_Eqn_6.12b_nls07	1050	-13.0	-19.0	-0.3	19.0	1.0	168.0
B394	100	GEO_Eqn_6.12b_nls07	1312.5	-13.0	-13.0	-0.3	19.0	1.0	172.0
B394	100	GEO_Eqn_6.12b_nls07	1575	-13.0	-7.0	-0.3	19.0	1.0	175.0
B394	100	GEO_Eqn_6.12b_nls07	1575	38.0	-32.0	0.1	19.0	1.0	174.0
B394	100	GEO_Eqn_6.12b_nls07	1837.5	38.0	-26.0	0.1	19.0	1.0	181.0
B394	100	GEO_Eqn_6.12b_nls07	2100	38.0	-20.0	0.1	19.0	1.0	187.0
B394	100	GEO_Eqn_6.12b_nls07	2100	91.0	-7.0	1.0	23.0	1.0	185.0
B394	100	GEO_Eqn_6.12b_nls07	2362.5	91.0	-1.0	1.0	23.0	1.0	186.0
B394	100	GEO_Eqn_6.12b_nls07	2625	91.0	5.0	1.0	23.0	0.3	186.0
B394	100	GEO_Eqn_6.12b_nls07	2625	125.0	-40.0	2.0	24.0	-1.0	186.0
B394	100	GEO_Eqn_6.12b_nls07	2887.5	125.0	-34.0	2.0	24.0	-2.0	196.0
B394	100	GEO_Eqn_6.12b_nls07	3150	125.0	-28.0	2.0	24.0	-2.0	204.0
B394	100	GEO_Eqn_6.12b_nls07	3150	-2.0	6.0	-1.0	28.0	-1.0	204.0
B394	100	GEO_Eqn_6.12b_nls07	3431.25	-2.0	12.0	-1.0	28.0	-1.0	202.0
B394	100	GEO_Eqn_6.12b_nls07	3712.5	-2.0	18.0	-1.0	28.0	-1.0	197.0
B394	100	GEO_Eqn_6.12b_nls07	3712.5	11.0	13.0	-1.0	29.0	1.0	195.0
B394	100	GEO_Eqn_6.12b_nls07	3993.75	11.0	19.0	-1.0	29.0	1.0	190.0
B394	100	GEO_Eqn_6.12b_nls07	4275	11.0	26.0	-1.0	29.0	1.0	184.0
B394	100	GEO_Eqn_6.12b_nls07	4275	6.0	163.0	1.0	35.0	1.0	179.0
B394	100	GEO_Eqn_6.12b_nls07	4556.25	6.0	169.0	1.0	35.0	1.0	132.0
B394	100	GEO_Eqn_6.12b_nls07	4837.5	6.0	175.0	1.0	35.0	1.0	84.0
B394	100	GEO_Eqn_6.12b_nls07	4837.5	-15.0	324.0	1.0	36.0	-1.0	51.0
B394	100	GEO_Eqn_6.12b_nls07	5118.75	-15.0	330.0	1.0	36.0	-1.0	-41.0
B394	100	GEO_Eqn_6.12b_nls07	5400	-15.0	337.0	1.0	36.0	-1.0	-135.0
B394	100	GEO_Eqn_6.12b_nls07	5400	1.0	-151.0	0.0	51.0	0.0	-119.0
B394	100	GEO_Eqn_6.12b_nls07	5760	1.0	-143.0	0.0	51.0	0.0	-66.0
B394	100	GEO_Eqn_6.12b_nls07	6120	1.0	-135.0	0.0	51.0	0.0	-16.0
B394	100	GEO_Eqn_6.12b_nls07	6480	1.0	-127.0	0.0	51.0	0.0	31.0
B394	100	GEO_Eqn_6.12b_nls07	6480	0.5	-36.0	0.0	45.0	0.0	31.0
B394	100	GEO_Eqn_6.12b_nls07	6840	0.5	-28.0	0.0	45.0	0.0	43.0
B394	100	GEO_Eqn_6.12b_nls07	7200	0.5	-20.0	0.0	45.0	0.0	51.0
B394	100	GEO_Eqn_6.12b_nls07	7560	0.5	-12.0	0.0	45.0	0.0	57.0
B394	100	GEO_Eqn_6.12b_nls07	7560	0.2	77.0	-0.1	39.0	-0.1	57.0
B394	100	GEO_Eqn_6.12b_nls07	7920	0.2	85.0	-0.1	39.0	0.0	28.0
B394	100	GEO_Eqn_6.12b_nls07	8280	0.2	93.0	-0.1	39.0	0.0	-5.0
B394	100	GEO_Eqn_6.12b_nls07	8640	0.2	101.0	-0.1	39.0	0.0	-40.0
B394	100	GEO_Eqn_6.12b_nls07	8640	-0.4	190.0	-0.1	33.0	0.0	-40.0
B394	100	GEO_Eqn_6.12b_nls07	9000	-0.4	198.0	-0.1	33.0	0.0	-110.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls07	9360	-0.4	206.0	-0.1	33.0	0.1	-183.0
B394	100	GEO_Eqn_6.12b_nls07	9720	-0.4	214.0	-0.1	33.0	0.1	-259.0
B394	100	GEO_Eqn_6.12b_nls07	9720	-1.0	305.0	0.1	28.0	0.1	-260.0
B394	100	GEO_Eqn_6.12b_nls07	10080	-1.0	313.0	0.1	28.0	0.0	-371.0
B394	100	GEO_Eqn_6.12b_nls07	10440	-1.0	321.0	0.1	28.0	0.0	-485.0
B394	100	GEO_Eqn_6.12b_nls07	10800	-1.0	329.0	0.1	28.0	-0.1	-602.0
B394	100	GEO_Eqn_6.12b_nls07	10800	1.0	-406.0	-1.0	55.0	-0.5	-606.0
B394	100	GEO_Eqn_6.12b_nls07	11160	1.0	-398.0	-1.0	55.0	-0.3	-461.0
B394	100	GEO_Eqn_6.12b_nls07	11520	1.0	-390.0	-1.0	55.0	-0.1	-319.0
B394	100	GEO_Eqn_6.12b_nls07	11880	1.0	-382.0	-1.0	55.0	0.1	-180.0
B394	100	GEO_Eqn_6.12b_nls07	11880	0.2	-291.0	0.0	50.0	0.1	-177.0
B394	100	GEO_Eqn_6.12b_nls07	12240	0.2	-282.0	-0.1	50.0	0.1	-74.0
B394	100	GEO_Eqn_6.12b_nls07	12600	0.2	-274.0	-0.1	50.0	0.1	26.0
B394	100	GEO_Eqn_6.12b_nls07	12960	0.2	-266.0	-0.1	50.0	0.2	123.0
B394	100	GEO_Eqn_6.12b_nls07	12960	-0.1	-180.0	0.0	46.0	0.1	125.0
B394	100	GEO_Eqn_6.12b_nls07	13320	-0.1	-171.0	0.0	46.0	0.1	188.0
B394	100	GEO_Eqn_6.12b_nls07	13680	-0.1	-163.0	0.0	46.0	0.1	248.0
B394	100	GEO_Eqn_6.12b_nls07	14040	-0.2	-155.0	0.0	46.0	0.1	306.0
B394	100	GEO_Eqn_6.12b_nls07	14040	-0.3	-83.0	0.1	43.0	0.1	307.0
B394	100	GEO_Eqn_6.12b_nls07	14400	-0.3	-75.0	0.1	43.0	0.1	335.0
B394	100	GEO_Eqn_6.12b_nls07	14760	-0.3	-67.0	0.1	43.0	0.1	361.0
B394	100	GEO_Eqn_6.12b_nls07	15120	-0.3	-59.0	0.1	43.0	0.0	383.0
B394	100	GEO_Eqn_6.12b_nls07	15120	-0.4	-20.0	0.4	43.0	0.1	384.0
B394	100	GEO_Eqn_6.12b_nls07	15480	-0.4	-12.0	0.4	43.0	-0.1	390.0
B394	100	GEO_Eqn_6.12b_nls07	15840	-0.4	-4.0	0.4	43.0	-0.2	392.0
B394	100	GEO_Eqn_6.12b_nls07	16200	-0.5	4.0	0.4	43.0	-0.4	392.0
B394	100	GEO_Eqn_6.12b_nls08	0	-272.0	-256.0	-3.0	8.0	-3.0	50.0
B394	100	GEO_Eqn_6.12b_nls08	262.5	-272.0	-250.0	-3.0	8.0	-2.0	116.0
B394	100	GEO_Eqn_6.12b_nls08	525	-272.0	-244.0	-3.0	8.0	-1.0	181.0
B394	100	GEO_Eqn_6.12b_nls08	525	-161.0	-82.0	-1.0	9.0	0.5	194.0
B394	100	GEO_Eqn_6.12b_nls08	787.5	-161.0	-76.0	-1.0	9.0	1.0	215.0
B394	100	GEO_Eqn_6.12b_nls08	1050	-161.0	-70.0	-1.0	9.0	1.0	234.0
B394	100	GEO_Eqn_6.12b_nls08	1050	-31.0	3.0	-0.3	16.0	1.0	226.0
B394	100	GEO_Eqn_6.12b_nls08	1312.5	-31.0	9.0	-0.3	16.0	1.0	224.0
B394	100	GEO_Eqn_6.12b_nls08	1575	-31.0	15.0	-0.3	16.0	1.0	221.0
B394	100	GEO_Eqn_6.12b_nls08	1575	61.0	4.0	0.2	16.0	1.0	213.0
B394	100	GEO_Eqn_6.12b_nls08	1837.5	61.0	10.0	0.2	16.0	1.0	212.0
B394	100	GEO_Eqn_6.12b_nls08	2100	61.0	16.0	0.2	16.0	1.0	208.0
B394	100	GEO_Eqn_6.12b_nls08	2100	166.0	45.0	1.0	20.0	1.0	200.0
B394	100	GEO_Eqn_6.12b_nls08	2362.5	166.0	51.0	1.0	20.0	1.0	187.0
B394	100	GEO_Eqn_6.12b_nls08	2625	166.0	57.0	1.0	20.0	0.3	173.0
B394	100	GEO_Eqn_6.12b_nls08	2625	238.0	32.0	2.0	20.0	-2.0	162.0
B394	100	GEO_Eqn_6.12b_nls08	2887.5	238.0	38.0	2.0	20.0	-2.0	153.0
B394	100	GEO_Eqn_6.12b_nls08	3150	238.0	44.0	2.0	20.0	-3.0	142.0
B394	100	GEO_Eqn_6.12b_nls08	3150	-84.0	110.0	-2.0	24.0	-2.0	133.0
B394	100	GEO_Eqn_6.12b_nls08	3431.25	-84.0	116.0	-2.0	24.0	-1.0	101.0
B394	100	GEO_Eqn_6.12b_nls08	3712.5	-84.0	123.0	-2.0	24.0	-1.0	68.0
B394	100	GEO_Eqn_6.12b_nls08	3712.5	-29.0	151.0	-1.0	25.0	1.0	46.0
B394	100	GEO_Eqn_6.12b_nls08	3993.75	-29.0	158.0	-1.0	25.0	1.0	2.0
B394	100	GEO_Eqn_6.12b_nls08	4275	-29.0	164.0	-1.0	25.0	1.0	-43.0
B394	100	GEO_Eqn_6.12b_nls08	4275	41.0	327.0	1.0	30.0	1.0	-65.0
B394	100	GEO_Eqn_6.12b_nls08	4556.25	41.0	333.0	1.0	30.0	1.0	-158.0
B394	100	GEO_Eqn_6.12b_nls08	4837.5	41.0	339.0	1.0	30.0	1.0	-253.0
B394	100	GEO_Eqn_6.12b_nls08	4837.5	73.0	447.0	2.0	31.0	-1.0	-310.0
B394	100	GEO_Eqn_6.12b_nls08	5118.75	73.0	453.0	2.0	31.0	-1.0	-437.0
B394	100	GEO_Eqn_6.12b_nls08	5400	72.0	459.0	2.0	31.0	-2.0	-565.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls08	5400	-2.0	-320.0	0.0	45.0	0.0	-697.0
B394	100	GEO_Eqn_6.12b_nls08	5760	-2.0	-312.0	0.0	45.0	0.0	-583.0
B394	100	GEO_Eqn_6.12b_nls08	6120	-2.0	-304.0	0.0	45.0	0.0	-472.0
B394	100	GEO_Eqn_6.12b_nls08	6480	-2.0	-296.0	-0.1	45.0	0.1	-364.0
B394	100	GEO_Eqn_6.12b_nls08	6480	-0.2	-204.0	0.1	38.0	0.0	-363.0
B394	100	GEO_Eqn_6.12b_nls08	6840	-0.2	-195.0	0.1	38.0	0.0	-291.0
B394	100	GEO_Eqn_6.12b_nls08	7200	-0.2	-187.0	0.1	38.0	0.0	-222.0
B394	100	GEO_Eqn_6.12b_nls08	7560	-0.2	-179.0	0.1	38.0	0.0	-156.0
B394	100	GEO_Eqn_6.12b_nls08	7560	1.0	-89.0	0.0	32.0	0.0	-156.0
B394	100	GEO_Eqn_6.12b_nls08	7920	1.0	-81.0	0.0	32.0	0.0	-125.0
B394	100	GEO_Eqn_6.12b_nls08	8280	1.0	-73.0	0.0	32.0	0.0	-98.0
B394	100	GEO_Eqn_6.12b_nls08	8640	1.0	-64.0	0.0	32.0	0.0	-73.0
B394	100	GEO_Eqn_6.12b_nls08	8640	1.0	26.0	0.0	26.0	-0.1	-73.0
B394	100	GEO_Eqn_6.12b_nls08	9000	1.0	34.0	0.0	26.0	-0.1	-84.0
B394	100	GEO_Eqn_6.12b_nls08	9360	1.0	42.0	0.0	26.0	0.0	-97.0
B394	100	GEO_Eqn_6.12b_nls08	9720	1.0	50.0	0.0	26.0	0.0	-114.0
B394	100	GEO_Eqn_6.12b_nls08	9720	1.0	142.0	-0.1	21.0	0.0	-114.0
B394	100	GEO_Eqn_6.12b_nls08	10080	1.0	150.0	-0.1	21.0	0.0	-167.0
B394	100	GEO_Eqn_6.12b_nls08	10440	1.0	158.0	-0.1	21.0	0.1	-222.0
B394	100	GEO_Eqn_6.12b_nls08	10800	1.0	166.0	-0.1	21.0	0.1	-280.0
B394	100	GEO_Eqn_6.12b_nls08	10800	-0.3	-366.0	-0.1	48.0	-0.2	-304.0
B394	100	GEO_Eqn_6.12b_nls08	11160	-0.3	-358.0	-0.1	48.0	-0.1	-174.0
B394	100	GEO_Eqn_6.12b_nls08	11520	-0.3	-350.0	-0.2	48.0	0.0	-47.0
B394	100	GEO_Eqn_6.12b_nls08	11880	-0.3	-342.0	-0.2	48.0	0.0	78.0
B394	100	GEO_Eqn_6.12b_nls08	11880	-0.1	-250.0	-0.1	43.0	0.0	80.0
B394	100	GEO_Eqn_6.12b_nls08	12240	-0.1	-242.0	-0.1	43.0	0.0	169.0
B394	100	GEO_Eqn_6.12b_nls08	12600	-0.1	-234.0	-0.1	43.0	0.1	254.0
B394	100	GEO_Eqn_6.12b_nls08	12960	-0.1	-225.0	-0.1	43.0	0.1	337.0
B394	100	GEO_Eqn_6.12b_nls08	12960	-0.1	-138.0	0.0	40.0	0.0	339.0
B394	100	GEO_Eqn_6.12b_nls08	13320	-0.1	-130.0	0.0	40.0	0.0	387.0
B394	100	GEO_Eqn_6.12b_nls08	13680	-0.1	-122.0	0.0	40.0	0.1	432.0
B394	100	GEO_Eqn_6.12b_nls08	14040	-0.1	-114.0	0.0	40.0	0.1	475.0
B394	100	GEO_Eqn_6.12b_nls08	14040	0.2	-42.0	0.1	38.0	0.1	476.0
B394	100	GEO_Eqn_6.12b_nls08	14400	0.2	-34.0	0.0	38.0	0.1	489.0
B394	100	GEO_Eqn_6.12b_nls08	14760	0.1	-26.0	0.0	38.0	0.1	500.0
B394	100	GEO_Eqn_6.12b_nls08	15120	0.1	-18.0	0.0	38.0	0.0	508.0
B394	100	GEO_Eqn_6.12b_nls08	15120	0.3	21.0	0.3	37.0	0.1	508.0
B394	100	GEO_Eqn_6.12b_nls08	15480	0.3	29.0	0.3	37.0	0.0	499.0
B394	100	GEO_Eqn_6.12b_nls08	15840	0.3	37.0	0.3	37.0	-0.1	487.0
B394	100	GEO_Eqn_6.12b_nls08	16200	0.3	45.0	0.3	37.0	-0.2	472.0
B394	100	GEO_Eqn_6.12b_nls09	0	37.0	-162.0	1.0	-1.0	1.0	16.0
B394	100	GEO_Eqn_6.12b_nls09	262.5	37.0	-156.0	1.0	-1.0	1.0	58.0
B394	100	GEO_Eqn_6.12b_nls09	525	37.0	-150.0	1.0	-1.0	0.4	98.0
B394	100	GEO_Eqn_6.12b_nls09	525	34.0	-81.0	0.4	-1.0	-0.3	113.0
B394	100	GEO_Eqn_6.12b_nls09	787.5	34.0	-75.0	0.4	-1.0	-0.4	133.0
B394	100	GEO_Eqn_6.12b_nls09	1050	34.0	-69.0	0.4	-1.0	-0.5	152.0
B394	100	GEO_Eqn_6.12b_nls09	1050	24.0	-32.0	0.0	-4.0	-0.4	155.0
B394	100	GEO_Eqn_6.12b_nls09	1312.5	24.0	-26.0	0.0	-4.0	-0.4	162.0
B394	100	GEO_Eqn_6.12b_nls09	1575	24.0	-20.0	0.0	-4.0	-0.4	168.0
B394	100	GEO_Eqn_6.12b_nls09	1575	5.0	-56.0	0.0	-4.0	-0.4	175.0
B394	100	GEO_Eqn_6.12b_nls09	1837.5	5.0	-50.0	-0.1	-4.0	-0.3	188.0
B394	100	GEO_Eqn_6.12b_nls09	2100	5.0	-44.0	-0.1	-4.0	-0.3	201.0
B394	100	GEO_Eqn_6.12b_nls09	2100	-33.0	-52.0	-0.4	-3.0	-0.2	206.0
B394	100	GEO_Eqn_6.12b_nls09	2362.5	-33.0	-46.0	-0.4	-3.0	-0.1	219.0
B394	100	GEO_Eqn_6.12b_nls09	2625	-33.0	-40.0	-0.4	-3.0	0.0	230.0
B394	100	GEO_Eqn_6.12b_nls09	2625	-68.0	-113.0	-0.5	-3.0	0.4	243.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls09	2887.5	-68.0	-107.0	-0.5	-3.0	1.0	272.0
B394	100	GEO_Eqn_6.12b_nls09	3150	-68.0	-101.0	-0.5	-3.0	1.0	300.0
B394	100	GEO_Eqn_6.12b_nls09	3150	136.0	-113.0	0.4	-2.0	0.4	313.0
B394	100	GEO_Eqn_6.12b_nls09	3431.25	136.0	-106.0	0.4	-2.0	0.3	343.0
B394	100	GEO_Eqn_6.12b_nls09	3712.5	136.0	-100.0	0.4	-2.0	0.2	372.0
B394	100	GEO_Eqn_6.12b_nls09	3712.5	73.0	-147.0	0.3	-2.0	-0.2	394.0
B394	100	GEO_Eqn_6.12b_nls09	3993.75	73.0	-141.0	0.3	-2.0	-0.3	434.0
B394	100	GEO_Eqn_6.12b_nls09	4275	73.0	-134.0	0.3	-2.0	-0.4	473.0
B394	100	GEO_Eqn_6.12b_nls09	4275	-52.0	-25.0	-0.3	0.2	-0.4	490.0
B394	100	GEO_Eqn_6.12b_nls09	4556.25	-52.0	-19.0	-0.3	0.2	-0.3	496.0
B394	100	GEO_Eqn_6.12b_nls09	4837.5	-52.0	-12.0	-0.3	0.2	-0.2	500.0
B394	100	GEO_Eqn_6.12b_nls09	4837.5	-157.0	206.0	-0.3	0.2	0.2	496.0
B394	100	GEO_Eqn_6.12b_nls09	5118.75	-157.0	213.0	-0.3	0.2	0.3	437.0
B394	100	GEO_Eqn_6.12b_nls09	5400	-157.0	219.0	-0.3	0.2	0.4	376.0
B394	100	GEO_Eqn_6.12b_nls09	5400	3.0	11.0	0.1	2.0	0.0	590.0
B394	100	GEO_Eqn_6.12b_nls09	5760	3.0	19.0	0.1	2.0	0.0	584.0
B394	100	GEO_Eqn_6.12b_nls09	6120	3.0	27.0	0.1	2.0	0.0	576.0
B394	100	GEO_Eqn_6.12b_nls09	6480	3.0	35.0	0.1	2.0	-0.1	565.0
B394	100	GEO_Eqn_6.12b_nls09	6480	1.0	121.0	-0.1	4.0	-0.1	564.0
B394	100	GEO_Eqn_6.12b_nls09	6840	1.0	130.0	-0.1	4.0	-0.1	518.0
B394	100	GEO_Eqn_6.12b_nls09	7200	1.0	138.0	-0.1	4.0	0.0	470.0
B394	100	GEO_Eqn_6.12b_nls09	7560	1.0	146.0	-0.1	4.0	0.0	419.0
B394	100	GEO_Eqn_6.12b_nls09	7560	0.0	231.0	-0.1	6.0	0.0	418.0
B394	100	GEO_Eqn_6.12b_nls09	7920	-0.1	239.0	-0.1	6.0	0.0	333.0
B394	100	GEO_Eqn_6.12b_nls09	8280	-0.1	248.0	-0.1	6.0	0.0	246.0
B394	100	GEO_Eqn_6.12b_nls09	8640	-0.1	256.0	-0.1	6.0	0.1	155.0
B394	100	GEO_Eqn_6.12b_nls09	8640	-1.0	341.0	-0.1	7.0	0.0	154.0
B394	100	GEO_Eqn_6.12b_nls09	9000	-1.0	349.0	-0.1	7.0	0.1	29.0
B394	100	GEO_Eqn_6.12b_nls09	9360	-1.0	357.0	-0.1	7.0	0.1	-98.0
B394	100	GEO_Eqn_6.12b_nls09	9720	-1.0	366.0	-0.1	7.0	0.2	-228.0
B394	100	GEO_Eqn_6.12b_nls09	9720	-3.0	453.0	0.3	7.0	0.1	-230.0
B394	100	GEO_Eqn_6.12b_nls09	10080	-3.0	461.0	0.3	7.0	0.0	-395.0
B394	100	GEO_Eqn_6.12b_nls09	10440	-3.0	469.0	0.3	7.0	-0.1	-562.0
B394	100	GEO_Eqn_6.12b_nls09	10800	-3.0	477.0	0.3	7.0	-0.2	-732.0
B394	100	GEO_Eqn_6.12b_nls09	10800	3.0	-344.0	-0.5	14.0	-0.3	-701.0
B394	100	GEO_Eqn_6.12b_nls09	11160	3.0	-336.0	-0.5	14.0	-0.2	-579.0
B394	100	GEO_Eqn_6.12b_nls09	11520	3.0	-328.0	-0.5	14.0	0.0	-459.0
B394	100	GEO_Eqn_6.12b_nls09	11880	3.0	-320.0	-0.5	14.0	0.2	-343.0
B394	100	GEO_Eqn_6.12b_nls09	11880	1.0	-230.0	0.0	13.0	0.1	-340.0
B394	100	GEO_Eqn_6.12b_nls09	12240	1.0	-222.0	0.0	13.0	0.1	-259.0
B394	100	GEO_Eqn_6.12b_nls09	12600	1.0	-214.0	0.0	13.0	0.1	-180.0
B394	100	GEO_Eqn_6.12b_nls09	12960	1.0	-206.0	0.0	13.0	0.1	-105.0
B394	100	GEO_Eqn_6.12b_nls09	12960	-0.1	-119.0	0.0	12.0	0.0	-104.0
B394	100	GEO_Eqn_6.12b_nls09	13320	-0.1	-111.0	0.0	12.0	0.0	-62.0
B394	100	GEO_Eqn_6.12b_nls09	13680	-0.1	-103.0	0.0	12.0	0.1	-23.0
B394	100	GEO_Eqn_6.12b_nls09	14040	-0.2	-95.0	0.0	12.0	0.1	12.0
B394	100	GEO_Eqn_6.12b_nls09	14040	-1.0	-23.0	0.0	12.0	0.0	13.0
B394	100	GEO_Eqn_6.12b_nls09	14400	-1.0	-14.0	0.0	12.0	0.0	20.0
B394	100	GEO_Eqn_6.12b_nls09	14760	-1.0	-6.0	0.0	12.0	0.0	24.0
B394	100	GEO_Eqn_6.12b_nls09	15120	-1.0	2.0	0.0	12.0	0.0	24.0
B394	100	GEO_Eqn_6.12b_nls09	15120	-2.0	41.0	0.0	12.0	-0.1	25.0
B394	100	GEO_Eqn_6.12b_nls09	15480	-2.0	49.0	0.0	12.0	-0.1	8.0
B394	100	GEO_Eqn_6.12b_nls09	15840	-2.0	57.0	0.0	12.0	-0.1	-11.0
B394	100	GEO_Eqn_6.12b_nls09	16200	-2.0	65.0	0.0	12.0	-0.1	-33.0
B394	100	GEO_Eqn_6.12b_nls10	0	-3.0	-128.0	-0.3	5.0	-0.3	8.0
B394	100	GEO_Eqn_6.12b_nls10	262.5	-3.0	-122.0	-0.3	5.0	-0.3	40.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls10	525	-3.0	-116.0	-0.3	5.0	-0.2	72.0
B394	100	GEO_Eqn_6.12b_nls10	525	5.0	-73.0	-0.1	5.0	0.0	83.0
B394	100	GEO_Eqn_6.12b_nls10	787.5	5.0	-67.0	-0.2	5.0	0.1	101.0
B394	100	GEO_Eqn_6.12b_nls10	1050	5.0	-61.0	-0.2	5.0	0.1	118.0
B394	100	GEO_Eqn_6.12b_nls10	1050	12.0	-38.0	-0.1	6.0	0.1	120.0
B394	100	GEO_Eqn_6.12b_nls10	1312.5	12.0	-32.0	-0.1	6.0	0.2	129.0
B394	100	GEO_Eqn_6.12b_nls10	1575	12.0	-26.0	-0.1	6.0	0.2	137.0
B394	100	GEO_Eqn_6.12b_nls10	1575	10.0	-65.0	0.0	6.0	0.2	143.0
B394	100	GEO_Eqn_6.12b_nls10	1837.5	10.0	-60.0	0.0	6.0	0.2	160.0
B394	100	GEO_Eqn_6.12b_nls10	2100	10.0	-54.0	0.0	6.0	0.2	175.0
B394	100	GEO_Eqn_6.12b_nls10	2100	-3.0	-59.0	0.2	9.0	0.2	179.0
B394	100	GEO_Eqn_6.12b_nls10	2362.5	-3.0	-53.0	0.2	9.0	0.1	194.0
B394	100	GEO_Eqn_6.12b_nls10	2625	-3.0	-47.0	0.2	9.0	0.1	207.0
B394	100	GEO_Eqn_6.12b_nls10	2625	-19.0	-115.0	0.3	9.0	-0.2	220.0
B394	100	GEO_Eqn_6.12b_nls10	2887.5	-19.0	-109.0	0.3	9.0	-0.3	249.0
B394	100	GEO_Eqn_6.12b_nls10	3150	-19.0	-103.0	0.3	9.0	-0.4	277.0
B394	100	GEO_Eqn_6.12b_nls10	3150	102.0	-108.0	-0.3	12.0	-0.2	289.0
B394	100	GEO_Eqn_6.12b_nls10	3431.25	102.0	-102.0	-0.3	12.0	-0.2	318.0
B394	100	GEO_Eqn_6.12b_nls10	3712.5	102.0	-96.0	-0.3	12.0	-0.1	346.0
B394	100	GEO_Eqn_6.12b_nls10	3712.5	59.0	-139.0	-0.1	13.0	0.1	365.0
B394	100	GEO_Eqn_6.12b_nls10	3993.75	59.0	-133.0	-0.1	13.0	0.1	404.0
B394	100	GEO_Eqn_6.12b_nls10	4275	59.0	-127.0	-0.1	13.0	0.2	440.0
B394	100	GEO_Eqn_6.12b_nls10	4275	-37.0	-18.0	0.1	17.0	0.2	455.0
B394	100	GEO_Eqn_6.12b_nls10	4556.25	-37.0	-12.0	0.1	17.0	0.2	459.0
B394	100	GEO_Eqn_6.12b_nls10	4837.5	-37.0	-6.0	0.1	17.0	0.2	462.0
B394	100	GEO_Eqn_6.12b_nls10	4837.5	-124.0	195.0	0.3	17.0	-0.1	456.0
B394	100	GEO_Eqn_6.12b_nls10	5118.75	-124.0	201.0	0.3	17.0	-0.2	401.0
B394	100	GEO_Eqn_6.12b_nls10	5400	-124.0	207.0	0.3	17.0	-0.3	343.0
B394	100	GEO_Eqn_6.12b_nls10	5400	3.0	14.0	0.1	25.0	0.1	529.0
B394	100	GEO_Eqn_6.12b_nls10	5760	3.0	22.0	0.1	25.0	0.0	523.0
B394	100	GEO_Eqn_6.12b_nls10	6120	3.0	30.0	0.1	25.0	0.0	514.0
B394	100	GEO_Eqn_6.12b_nls10	6480	3.0	38.0	0.1	25.0	0.0	501.0
B394	100	GEO_Eqn_6.12b_nls10	6480	1.0	126.0	-0.1	24.0	-0.1	500.0
B394	100	GEO_Eqn_6.12b_nls10	6840	1.0	134.0	-0.1	24.0	-0.1	453.0
B394	100	GEO_Eqn_6.12b_nls10	7200	1.0	142.0	-0.1	24.0	0.0	404.0
B394	100	GEO_Eqn_6.12b_nls10	7560	1.0	150.0	-0.1	24.0	0.0	351.0
B394	100	GEO_Eqn_6.12b_nls10	7560	0.0	237.0	-0.1	23.0	-0.1	350.0
B394	100	GEO_Eqn_6.12b_nls10	7920	0.0	245.0	-0.1	23.0	0.0	263.0
B394	100	GEO_Eqn_6.12b_nls10	8280	0.0	253.0	-0.1	23.0	0.0	174.0
B394	100	GEO_Eqn_6.12b_nls10	8640	0.0	261.0	-0.1	23.0	0.1	81.0
B394	100	GEO_Eqn_6.12b_nls10	8640	-1.0	347.0	-0.2	21.0	0.0	80.0
B394	100	GEO_Eqn_6.12b_nls10	9000	-1.0	356.0	-0.2	21.0	0.1	-47.0
B394	100	GEO_Eqn_6.12b_nls10	9360	-1.0	364.0	-0.2	21.0	0.1	-176.0
B394	100	GEO_Eqn_6.12b_nls10	9720	-1.0	372.0	-0.2	21.0	0.2	-309.0
B394	100	GEO_Eqn_6.12b_nls10	9720	-3.0	460.0	0.3	18.0	0.1	-310.0
B394	100	GEO_Eqn_6.12b_nls10	10080	-3.0	468.0	0.3	18.0	0.0	-478.0
B394	100	GEO_Eqn_6.12b_nls10	10440	-3.0	476.0	0.3	18.0	-0.1	-648.0
B394	100	GEO_Eqn_6.12b_nls10	10800	-3.0	485.0	0.3	18.0	-0.2	-821.0
B394	100	GEO_Eqn_6.12b_nls10	10800	2.0	-394.0	-1.0	35.0	-1.0	-796.0
B394	100	GEO_Eqn_6.12b_nls10	11160	2.0	-385.0	-1.0	35.0	-0.3	-656.0
B394	100	GEO_Eqn_6.12b_nls10	11520	2.0	-377.0	-1.0	35.0	0.0	-519.0
B394	100	GEO_Eqn_6.12b_nls10	11880	2.0	-369.0	-1.0	35.0	0.2	-384.0
B394	100	GEO_Eqn_6.12b_nls10	11880	1.0	-279.0	0.0	32.0	0.1	-382.0
B394	100	GEO_Eqn_6.12b_nls10	12240	1.0	-271.0	0.0	32.0	0.1	-283.0
B394	100	GEO_Eqn_6.12b_nls10	12600	1.0	-263.0	0.0	32.0	0.2	-187.0
B394	100	GEO_Eqn_6.12b_nls10	12960	1.0	-255.0	0.0	32.0	0.2	-94.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls10	12960	-0.2	-168.0	0.0	30.0	0.1	-92.0
B394	100	GEO_Eqn_6.12b_nls10	13320	-0.2	-160.0	0.0	30.0	0.1	-33.0
B394	100	GEO_Eqn_6.12b_nls10	13680	-0.2	-152.0	0.0	30.0	0.1	24.0
B394	100	GEO_Eqn_6.12b_nls10	14040	-0.2	-144.0	0.0	30.0	0.1	77.0
B394	100	GEO_Eqn_6.12b_nls10	14040	-1.0	-72.0	0.1	28.0	0.1	78.0
B394	100	GEO_Eqn_6.12b_nls10	14400	-1.0	-64.0	0.1	28.0	0.1	102.0
B394	100	GEO_Eqn_6.12b_nls10	14760	-1.0	-56.0	0.1	28.0	0.0	124.0
B394	100	GEO_Eqn_6.12b_nls10	15120	-1.0	-47.0	0.1	28.0	0.0	142.0
B394	100	GEO_Eqn_6.12b_nls10	15120	-2.0	-8.0	0.4	28.0	0.0	143.0
B394	100	GEO_Eqn_6.12b_nls10	15480	-2.0	0.1	0.4	28.0	-0.1	144.0
B394	100	GEO_Eqn_6.12b_nls10	15840	-2.0	8.0	0.4	28.0	-0.2	142.0
B394	100	GEO_Eqn_6.12b_nls10	16200	-2.0	16.0	0.3	28.0	-0.3	138.0
B394	100	GEO_Eqn_6.12b_nls11	0	-313.0	-382.0	-0.1	-11.0	-0.2	89.0
B394	100	GEO_Eqn_6.12b_nls11	262.5	-313.0	-376.0	-0.1	-11.0	-0.2	188.0
B394	100	GEO_Eqn_6.12b_nls11	525	-313.0	-370.0	-0.1	-11.0	-0.2	286.0
B394	100	GEO_Eqn_6.12b_nls11	525	-178.0	-101.0	-0.2	-11.0	-0.1	306.0
B394	100	GEO_Eqn_6.12b_nls11	787.5	-178.0	-95.0	-0.2	-11.0	0.0	332.0
B394	100	GEO_Eqn_6.12b_nls11	1050	-178.0	-89.0	-0.2	-11.0	0.0	356.0
B394	100	GEO_Eqn_6.12b_nls11	1050	-27.0	37.0	0.0	-13.0	0.2	345.0
B394	100	GEO_Eqn_6.12b_nls11	1312.5	-27.0	43.0	0.0	-13.0	0.2	334.0
B394	100	GEO_Eqn_6.12b_nls11	1575	-27.0	49.0	0.0	-13.0	0.2	322.0
B394	100	GEO_Eqn_6.12b_nls11	1575	74.0	56.0	0.1	-13.0	0.2	308.0
B394	100	GEO_Eqn_6.12b_nls11	1837.5	74.0	62.0	0.1	-13.0	0.2	293.0
B394	100	GEO_Eqn_6.12b_nls11	2100	74.0	68.0	0.0	-13.0	0.2	276.0
B394	100	GEO_Eqn_6.12b_nls11	2100	184.0	106.0	0.2	-14.0	0.2	262.0
B394	100	GEO_Eqn_6.12b_nls11	2362.5	184.0	112.0	0.2	-14.0	0.1	234.0
B394	100	GEO_Eqn_6.12b_nls11	2625	184.0	118.0	0.2	-14.0	0.1	204.0
B394	100	GEO_Eqn_6.12b_nls11	2625	259.0	103.0	0.3	-14.0	-0.2	183.0
B394	100	GEO_Eqn_6.12b_nls11	2887.5	259.0	109.0	0.3	-14.0	-0.3	155.0
B394	100	GEO_Eqn_6.12b_nls11	3150	259.0	115.0	0.3	-14.0	-0.3	126.0
B394	100	GEO_Eqn_6.12b_nls11	3150	-102.0	199.0	-0.3	-15.0	-0.4	110.0
B394	100	GEO_Eqn_6.12b_nls11	3431.25	-102.0	206.0	-0.3	-15.0	-0.3	53.0
B394	100	GEO_Eqn_6.12b_nls11	3712.5	-102.0	212.0	-0.3	-15.0	-0.2	-6.0
B394	100	GEO_Eqn_6.12b_nls11	3712.5	-41.0	266.0	-0.3	-15.0	0.1	-42.0
B394	100	GEO_Eqn_6.12b_nls11	3993.75	-41.0	272.0	-0.3	-15.0	0.2	-118.0
B394	100	GEO_Eqn_6.12b_nls11	4275	-41.0	279.0	-0.3	-15.0	0.3	-195.0
B394	100	GEO_Eqn_6.12b_nls11	4275	47.0	468.0	0.3	-16.0	0.5	-230.0
B394	100	GEO_Eqn_6.12b_nls11	4556.25	47.0	474.0	0.3	-16.0	0.4	-362.0
B394	100	GEO_Eqn_6.12b_nls11	4837.5	47.0	480.0	0.3	-16.0	0.3	-497.0
B394	100	GEO_Eqn_6.12b_nls11	4837.5	97.0	582.0	0.5	-16.0	-0.2	-575.0
B394	100	GEO_Eqn_6.12b_nls11	5118.75	97.0	588.0	0.5	-16.0	-0.3	-740.0
B394	100	GEO_Eqn_6.12b_nls11	5400	97.0	594.0	0.5	-16.0	-0.5	-906.0
B394	100	GEO_Eqn_6.12b_nls11	5400	-4.0	-510.0	-0.2	-17.0	-0.2	-1126.0
B394	100	GEO_Eqn_6.12b_nls11	5760	-4.0	-501.0	-0.2	-17.0	-0.1	-944.0
B394	100	GEO_Eqn_6.12b_nls11	6120	-4.0	-493.0	-0.2	-17.0	0.0	-765.0
B394	100	GEO_Eqn_6.12b_nls11	6480	-4.0	-485.0	-0.2	-17.0	0.1	-589.0
B394	100	GEO_Eqn_6.12b_nls11	6480	-0.5	-393.0	0.2	-18.0	0.2	-588.0
B394	100	GEO_Eqn_6.12b_nls11	6840	-0.5	-385.0	0.2	-18.0	0.1	-448.0
B394	100	GEO_Eqn_6.12b_nls11	7200	-0.5	-377.0	0.2	-18.0	0.1	-310.0
B394	100	GEO_Eqn_6.12b_nls11	7560	-0.5	-369.0	0.2	-18.0	0.0	-176.0
B394	100	GEO_Eqn_6.12b_nls11	7560	1.0	-280.0	0.2	-18.0	0.1	-175.0
B394	100	GEO_Eqn_6.12b_nls11	7920	1.0	-271.0	0.1	-18.0	0.0	-75.0
B394	100	GEO_Eqn_6.12b_nls11	8280	1.0	-263.0	0.1	-18.0	0.0	21.0
B394	100	GEO_Eqn_6.12b_nls11	8640	1.0	-255.0	0.1	-18.0	-0.1	114.0
B394	100	GEO_Eqn_6.12b_nls11	8640	2.0	-166.0	0.2	-17.0	0.0	115.0
B394	100	GEO_Eqn_6.12b_nls11	9000	2.0	-158.0	0.2	-17.0	-0.1	174.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls11	9360	2.0	-150.0	0.2	-17.0	-0.1	229.0
B394	100	GEO_Eqn_6.12b_nls11	9720	2.0	-142.0	0.2	-17.0	-0.2	281.0
B394	100	GEO_Eqn_6.12b_nls11	9720	2.0	-51.0	-0.4	-16.0	-0.2	282.0
B394	100	GEO_Eqn_6.12b_nls11	10080	2.0	-43.0	-0.4	-16.0	0.0	299.0
B394	100	GEO_Eqn_6.12b_nls11	10440	2.0	-35.0	-0.4	-16.0	0.1	313.0
B394	100	GEO_Eqn_6.12b_nls11	10800	2.0	-27.0	-0.4	-16.0	0.3	324.0
B394	100	GEO_Eqn_6.12b_nls11	10800	1.0	-187.0	1.0	-12.0	1.0	299.0
B394	100	GEO_Eqn_6.12b_nls11	11160	1.0	-179.0	1.0	-12.0	0.4	365.0
B394	100	GEO_Eqn_6.12b_nls11	11520	1.0	-171.0	1.0	-12.0	0.1	429.0
B394	100	GEO_Eqn_6.12b_nls11	11880	1.0	-163.0	1.0	-12.0	-0.2	489.0
B394	100	GEO_Eqn_6.12b_nls11	11880	0.4	-71.0	-0.1	-12.0	-0.2	490.0
B394	100	GEO_Eqn_6.12b_nls11	12240	0.4	-63.0	-0.1	-12.0	-0.2	514.0
B394	100	GEO_Eqn_6.12b_nls11	12600	0.4	-55.0	-0.1	-12.0	-0.2	536.0
B394	100	GEO_Eqn_6.12b_nls11	12960	0.4	-47.0	-0.1	-12.0	-0.1	554.0
B394	100	GEO_Eqn_6.12b_nls11	12960	-0.1	41.0	-0.1	-11.0	-0.2	555.0
B394	100	GEO_Eqn_6.12b_nls11	13320	-0.1	49.0	-0.1	-11.0	-0.2	539.0
B394	100	GEO_Eqn_6.12b_nls11	13680	-0.1	57.0	-0.1	-11.0	-0.1	520.0
B394	100	GEO_Eqn_6.12b_nls11	14040	-0.1	65.0	-0.1	-11.0	-0.1	498.0
B394	100	GEO_Eqn_6.12b_nls11	14040	-0.4	138.0	-0.1	-10.0	-0.2	498.0
B394	100	GEO_Eqn_6.12b_nls11	14400	-0.4	146.0	-0.1	-10.0	-0.2	447.0
B394	100	GEO_Eqn_6.12b_nls11	14760	-0.4	154.0	-0.1	-10.0	-0.1	393.0
B394	100	GEO_Eqn_6.12b_nls11	15120	-0.4	162.0	-0.1	-10.0	-0.1	336.0
B394	100	GEO_Eqn_6.12b_nls11	15120	-1.0	199.0	-1.0	-10.0	-0.2	335.0
B394	100	GEO_Eqn_6.12b_nls11	15480	-1.0	207.0	-1.0	-10.0	0.1	262.0
B394	100	GEO_Eqn_6.12b_nls11	15840	-1.0	215.0	-1.0	-10.0	0.3	186.0
B394	100	GEO_Eqn_6.12b_nls11	16200	-1.0	223.0	-1.0	-10.0	1.0	107.0
B394	100	GEO_Eqn_6.12b_nls12	0	-366.0	-346.0	-1.0	-5.0	-1.0	81.0
B394	100	GEO_Eqn_6.12b_nls12	262.5	-366.0	-340.0	-1.0	-5.0	-1.0	171.0
B394	100	GEO_Eqn_6.12b_nls12	525	-366.0	-334.0	-1.0	-5.0	-1.0	260.0
B394	100	GEO_Eqn_6.12b_nls12	525	-216.0	-90.0	-1.0	-5.0	0.2	276.0
B394	100	GEO_Eqn_6.12b_nls12	787.5	-216.0	-84.0	-1.0	-5.0	0.3	299.0
B394	100	GEO_Eqn_6.12b_nls12	1050	-216.0	-78.0	-1.0	-5.0	1.0	320.0
B394	100	GEO_Eqn_6.12b_nls12	1050	-43.0	32.0	-0.1	-2.0	1.0	308.0
B394	100	GEO_Eqn_6.12b_nls12	1312.5	-43.0	38.0	-0.1	-2.0	1.0	299.0
B394	100	GEO_Eqn_6.12b_nls12	1575	-43.0	44.0	-0.1	-2.0	1.0	288.0
B394	100	GEO_Eqn_6.12b_nls12	1575	81.0	48.0	0.1	-2.0	1.0	273.0
B394	100	GEO_Eqn_6.12b_nls12	1837.5	81.0	54.0	0.1	-2.0	1.0	260.0
B394	100	GEO_Eqn_6.12b_nls12	2100	81.0	60.0	0.1	-2.0	1.0	245.0
B394	100	GEO_Eqn_6.12b_nls12	2100	222.0	101.0	1.0	-2.0	1.0	231.0
B394	100	GEO_Eqn_6.12b_nls12	2362.5	222.0	107.0	1.0	-2.0	0.4	204.0
B394	100	GEO_Eqn_6.12b_nls12	2625	222.0	113.0	1.0	-2.0	0.2	175.0
B394	100	GEO_Eqn_6.12b_nls12	2625	322.0	105.0	1.0	-1.0	-1.0	153.0
B394	100	GEO_Eqn_6.12b_nls12	2887.5	322.0	111.0	1.0	-1.0	-1.0	125.0
B394	100	GEO_Eqn_6.12b_nls12	3150	322.0	117.0	1.0	-1.0	-1.0	95.0
B394	100	GEO_Eqn_6.12b_nls12	3150	-147.0	210.0	-1.0	-1.0	-1.0	77.0
B394	100	GEO_Eqn_6.12b_nls12	3431.25	-147.0	217.0	-1.0	-1.0	-1.0	16.0
B394	100	GEO_Eqn_6.12b_nls12	3712.5	-147.0	223.0	-1.0	-1.0	-0.5	-45.0
B394	100	GEO_Eqn_6.12b_nls12	3712.5	-60.0	283.0	-1.0	-0.5	0.5	-85.0
B394	100	GEO_Eqn_6.12b_nls12	3993.75	-60.0	289.0	-1.0	-0.5	1.0	-166.0
B394	100	GEO_Eqn_6.12b_nls12	4275	-60.0	296.0	-1.0	-0.5	1.0	-248.0
B394	100	GEO_Eqn_6.12b_nls12	4275	66.0	485.0	1.0	1.0	1.0	-286.0
B394	100	GEO_Eqn_6.12b_nls12	4556.25	66.0	491.0	1.0	1.0	1.0	-423.0
B394	100	GEO_Eqn_6.12b_nls12	4837.5	66.0	498.0	1.0	1.0	1.0	-562.0
B394	100	GEO_Eqn_6.12b_nls12	4837.5	141.0	575.0	1.0	1.0	-0.4	-644.0
B394	100	GEO_Eqn_6.12b_nls12	5118.75	141.0	581.0	1.0	1.0	-1.0	-806.0
B394	100	GEO_Eqn_6.12b_nls12	5400	141.0	587.0	1.0	1.0	-1.0	-971.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls12	5400	-5.0	-519.0	-0.2	6.0	-0.2	-1232.0
B394	100	GEO_Eqn_6.12b_nls12	5760	-5.0	-510.0	-0.2	6.0	-0.1	-1046.0
B394	100	GEO_Eqn_6.12b_nls12	6120	-5.0	-502.0	-0.2	6.0	0.0	-864.0
B394	100	GEO_Eqn_6.12b_nls12	6480	-5.0	-494.0	-0.3	6.0	0.1	-685.0
B394	100	GEO_Eqn_6.12b_nls12	6480	-1.0	-401.0	0.2	2.0	0.2	-683.0
B394	100	GEO_Eqn_6.12b_nls12	6840	-1.0	-393.0	0.2	2.0	0.1	-540.0
B394	100	GEO_Eqn_6.12b_nls12	7200	-1.0	-385.0	0.2	2.0	0.1	-400.0
B394	100	GEO_Eqn_6.12b_nls12	7560	-1.0	-377.0	0.2	2.0	0.0	-263.0
B394	100	GEO_Eqn_6.12b_nls12	7560	1.0	-286.0	0.1	-1.0	0.1	-262.0
B394	100	GEO_Eqn_6.12b_nls12	7920	1.0	-278.0	0.1	-1.0	0.0	-161.0
B394	100	GEO_Eqn_6.12b_nls12	8280	1.0	-270.0	0.1	-1.0	0.0	-62.0
B394	100	GEO_Eqn_6.12b_nls12	8640	1.0	-261.0	0.1	-1.0	-0.1	33.0
B394	100	GEO_Eqn_6.12b_nls12	8640	2.0	-171.0	0.1	-3.0	0.0	35.0
B394	100	GEO_Eqn_6.12b_nls12	9000	2.0	-163.0	0.1	-3.0	-0.1	95.0
B394	100	GEO_Eqn_6.12b_nls12	9360	2.0	-155.0	0.1	-3.0	-0.1	152.0
B394	100	GEO_Eqn_6.12b_nls12	9720	2.0	-147.0	0.1	-3.0	-0.2	206.0
B394	100	GEO_Eqn_6.12b_nls12	9720	2.0	-55.0	-0.4	-5.0	-0.1	207.0
B394	100	GEO_Eqn_6.12b_nls12	10080	2.0	-47.0	-0.4	-5.0	0.0	225.0
B394	100	GEO_Eqn_6.12b_nls12	10440	2.0	-39.0	-0.4	-5.0	0.1	241.0
B394	100	GEO_Eqn_6.12b_nls12	10800	2.0	-31.0	-0.4	-5.0	0.3	254.0
B394	100	GEO_Eqn_6.12b_nls12	10800	0.2	-236.0	1.0	9.0	0.4	220.0
B394	100	GEO_Eqn_6.12b_nls12	11160	0.2	-228.0	1.0	9.0	0.2	303.0
B394	100	GEO_Eqn_6.12b_nls12	11520	0.2	-220.0	1.0	9.0	0.0	384.0
B394	100	GEO_Eqn_6.12b_nls12	11880	0.2	-212.0	1.0	9.0	-0.2	461.0
B394	100	GEO_Eqn_6.12b_nls12	11880	0.2	-119.0	-0.1	8.0	-0.2	463.0
B394	100	GEO_Eqn_6.12b_nls12	12240	0.2	-111.0	-0.1	8.0	-0.1	505.0
B394	100	GEO_Eqn_6.12b_nls12	12600	0.2	-103.0	-0.1	8.0	-0.1	543.0
B394	100	GEO_Eqn_6.12b_nls12	12960	0.2	-95.0	-0.1	8.0	-0.1	579.0
B394	100	GEO_Eqn_6.12b_nls12	12960	-0.1	-7.0	-0.1	7.0	-0.1	580.0
B394	100	GEO_Eqn_6.12b_nls12	13320	-0.1	1.0	-0.1	7.0	-0.1	581.0
B394	100	GEO_Eqn_6.12b_nls12	13680	-0.1	9.0	-0.1	7.0	-0.1	579.0
B394	100	GEO_Eqn_6.12b_nls12	14040	-0.1	17.0	-0.1	7.0	0.0	575.0
B394	100	GEO_Eqn_6.12b_nls12	14040	-0.1	89.0	-0.1	6.0	-0.1	575.0
B394	100	GEO_Eqn_6.12b_nls12	14400	-0.1	98.0	-0.1	6.0	-0.1	541.0
B394	100	GEO_Eqn_6.12b_nls12	14760	-0.2	106.0	-0.1	6.0	0.0	505.0
B394	100	GEO_Eqn_6.12b_nls12	15120	-0.2	114.0	-0.1	6.0	0.0	465.0
B394	100	GEO_Eqn_6.12b_nls12	15120	-0.2	151.0	-0.3	6.0	-0.1	465.0
B394	100	GEO_Eqn_6.12b_nls12	15480	-0.2	159.0	-0.3	6.0	0.0	409.0
B394	100	GEO_Eqn_6.12b_nls12	15840	-0.2	167.0	-0.3	6.0	0.2	351.0
B394	100	GEO_Eqn_6.12b_nls12	16200	-0.2	175.0	-0.3	6.0	0.3	289.0
B394	100	GEO_Eqn_6.12b_nls13	0	64.0	-116.0	1.0	2.0	1.0	5.0
B394	100	GEO_Eqn_6.12b_nls13	262.5	64.0	-110.0	1.0	2.0	0.5	35.0
B394	100	GEO_Eqn_6.12b_nls13	525	64.0	-104.0	1.0	2.0	0.3	63.0
B394	100	GEO_Eqn_6.12b_nls13	525	48.0	-73.0	0.3	2.0	-0.2	75.0
B394	100	GEO_Eqn_6.12b_nls13	787.5	48.0	-67.0	0.3	2.0	-0.3	93.0
B394	100	GEO_Eqn_6.12b_nls13	1050	48.0	-61.0	0.3	2.0	-0.3	110.0
B394	100	GEO_Eqn_6.12b_nls13	1050	24.0	-43.0	0.0	1.0	-0.3	114.0
B394	100	GEO_Eqn_6.12b_nls13	1312.5	24.0	-37.0	0.0	1.0	-0.3	124.0
B394	100	GEO_Eqn_6.12b_nls13	1575	24.0	-31.0	0.0	1.0	-0.3	133.0
B394	100	GEO_Eqn_6.12b_nls13	1575	-2.0	-76.0	0.0	1.0	-0.3	142.0
B394	100	GEO_Eqn_6.12b_nls13	1837.5	-2.0	-70.0	0.0	1.0	-0.3	161.0
B394	100	GEO_Eqn_6.12b_nls13	2100	-2.0	-64.0	0.0	1.0	-0.3	179.0
B394	100	GEO_Eqn_6.12b_nls13	2100	-47.0	-78.0	-0.3	2.0	-0.2	186.0
B394	100	GEO_Eqn_6.12b_nls13	2362.5	-47.0	-72.0	-0.3	2.0	-0.1	206.0
B394	100	GEO_Eqn_6.12b_nls13	2625	-47.0	-66.0	-0.3	2.0	0.0	224.0
B394	100	GEO_Eqn_6.12b_nls13	2625	-86.0	-146.0	-0.4	2.0	0.3	242.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls13	2887.5	-86.0	-140.0	-0.4	2.0	0.4	279.0
B394	100	GEO_Eqn_6.12b_nls13	3150	-86.0	-134.0	-0.4	2.0	1.0	315.0
B394	100	GEO_Eqn_6.12b_nls13	3150	151.0	-157.0	0.4	4.0	0.4	332.0
B394	100	GEO_Eqn_6.12b_nls13	3431.25	151.0	-151.0	0.4	4.0	0.3	375.0
B394	100	GEO_Eqn_6.12b_nls13	3712.5	151.0	-145.0	0.4	4.0	0.1	417.0
B394	100	GEO_Eqn_6.12b_nls13	3712.5	82.0	-206.0	0.3	4.0	-0.2	445.0
B394	100	GEO_Eqn_6.12b_nls13	3993.75	82.0	-200.0	0.3	4.0	-0.3	503.0
B394	100	GEO_Eqn_6.12b_nls13	4275	82.0	-194.0	0.3	4.0	-0.3	558.0
B394	100	GEO_Eqn_6.12b_nls13	4275	-58.0	-98.0	-0.3	6.0	-0.3	582.0
B394	100	GEO_Eqn_6.12b_nls13	4556.25	-58.0	-92.0	-0.3	6.0	-0.2	608.0
B394	100	GEO_Eqn_6.12b_nls13	4837.5	-58.0	-85.0	-0.3	6.0	-0.2	633.0
B394	100	GEO_Eqn_6.12b_nls13	4837.5	-175.0	140.0	-0.3	6.0	0.2	640.0
B394	100	GEO_Eqn_6.12b_nls13	5118.75	-175.0	146.0	-0.3	6.0	0.3	600.0
B394	100	GEO_Eqn_6.12b_nls13	5400	-175.0	152.0	-0.3	6.0	0.3	558.0
B394	100	GEO_Eqn_6.12b_nls13	5400	4.0	63.0	0.1	8.0	0.0	822.0
B394	100	GEO_Eqn_6.12b_nls13	5760	4.0	71.0	0.1	8.0	0.0	798.0
B394	100	GEO_Eqn_6.12b_nls13	6120	4.0	79.0	0.1	8.0	0.0	771.0
B394	100	GEO_Eqn_6.12b_nls13	6480	4.0	87.0	0.1	8.0	0.0	741.0
B394	100	GEO_Eqn_6.12b_nls13	6480	1.0	173.0	-0.1	10.0	-0.1	740.0
B394	100	GEO_Eqn_6.12b_nls13	6840	1.0	181.0	-0.1	10.0	-0.1	676.0
B394	100	GEO_Eqn_6.12b_nls13	7200	1.0	189.0	-0.1	10.0	0.0	609.0
B394	100	GEO_Eqn_6.12b_nls13	7560	1.0	197.0	-0.2	10.0	0.1	540.0
B394	100	GEO_Eqn_6.12b_nls13	7560	-0.1	282.0	-0.1	11.0	-0.1	538.0
B394	100	GEO_Eqn_6.12b_nls13	7920	-0.1	290.0	-0.1	11.0	0.0	435.0
B394	100	GEO_Eqn_6.12b_nls13	8280	-0.1	299.0	-0.1	11.0	0.0	329.0
B394	100	GEO_Eqn_6.12b_nls13	8640	-0.1	307.0	-0.1	11.0	0.1	220.0
B394	100	GEO_Eqn_6.12b_nls13	8640	-2.0	391.0	-0.2	11.0	0.0	218.0
B394	100	GEO_Eqn_6.12b_nls13	9000	-2.0	399.0	-0.2	11.0	0.1	76.0
B394	100	GEO_Eqn_6.12b_nls13	9360	-2.0	408.0	-0.2	11.0	0.2	-69.0
B394	100	GEO_Eqn_6.12b_nls13	9720	-2.0	416.0	-0.2	11.0	0.2	-218.0
B394	100	GEO_Eqn_6.12b_nls13	9720	-4.0	502.0	0.4	11.0	0.1	-220.0
B394	100	GEO_Eqn_6.12b_nls13	10080	-4.0	510.0	0.4	11.0	0.0	-402.0
B394	100	GEO_Eqn_6.12b_nls13	10440	-4.0	519.0	0.4	11.0	-0.2	-587.0
B394	100	GEO_Eqn_6.12b_nls13	10800	-4.0	527.0	0.4	11.0	-0.3	-775.0
B394	100	GEO_Eqn_6.12b_nls13	10800	3.0	-327.0	-1.0	15.0	-0.3	-733.0
B394	100	GEO_Eqn_6.12b_nls13	11160	3.0	-319.0	-1.0	15.0	-0.1	-616.0
B394	100	GEO_Eqn_6.12b_nls13	11520	3.0	-311.0	-1.0	15.0	0.0	-503.0
B394	100	GEO_Eqn_6.12b_nls13	11880	3.0	-303.0	-1.0	15.0	0.2	-392.0
B394	100	GEO_Eqn_6.12b_nls13	11880	1.0	-214.0	0.0	14.0	0.1	-390.0
B394	100	GEO_Eqn_6.12b_nls13	12240	1.0	-206.0	0.0	14.0	0.1	-314.0
B394	100	GEO_Eqn_6.12b_nls13	12600	1.0	-198.0	0.0	14.0	0.1	-242.0
B394	100	GEO_Eqn_6.12b_nls13	12960	1.0	-190.0	0.0	14.0	0.1	-172.0
B394	100	GEO_Eqn_6.12b_nls13	12960	-0.2	-104.0	0.0	13.0	0.0	-171.0
B394	100	GEO_Eqn_6.12b_nls13	13320	-0.2	-96.0	0.0	13.0	0.0	-134.0
B394	100	GEO_Eqn_6.12b_nls13	13680	-0.2	-88.0	0.0	13.0	0.1	-101.0
B394	100	GEO_Eqn_6.12b_nls13	14040	-0.2	-80.0	0.0	13.0	0.1	-71.0
B394	100	GEO_Eqn_6.12b_nls13	14040	-2.0	-7.0	0.0	12.0	-0.1	-70.0
B394	100	GEO_Eqn_6.12b_nls13	14400	-2.0	1.0	0.0	12.0	-0.1	-69.0
B394	100	GEO_Eqn_6.12b_nls13	14760	-2.0	9.0	0.0	12.0	-0.1	-71.0
B394	100	GEO_Eqn_6.12b_nls13	15120	-2.0	17.0	0.0	12.0	-0.1	-75.0
B394	100	GEO_Eqn_6.12b_nls13	15120	-3.0	56.0	-0.1	12.0	-0.1	-75.0
B394	100	GEO_Eqn_6.12b_nls13	15480	-3.0	64.0	-0.1	12.0	-0.1	-97.0
B394	100	GEO_Eqn_6.12b_nls13	15840	-3.0	72.0	-0.1	12.0	0.0	-121.0
B394	100	GEO_Eqn_6.12b_nls13	16200	-3.0	80.0	-0.2	12.0	0.0	-149.0
B394	100	GEO_Eqn_6.12b_nls14	0	35.0	-89.0	-1.0	8.0	-1.0	-2.0
B394	100	GEO_Eqn_6.12b_nls14	262.5	35.0	-83.0	-1.0	8.0	-0.4	21.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls14	525	35.0	-78.0	-1.0	8.0	-0.3	42.0
B394	100	GEO_Eqn_6.12b_nls14	525	27.0	-68.0	-0.2	8.0	0.1	51.0
B394	100	GEO_Eqn_6.12b_nls14	787.5	27.0	-62.0	-0.2	8.0	0.2	68.0
B394	100	GEO_Eqn_6.12b_nls14	1050	27.0	-56.0	-0.2	8.0	0.2	84.0
B394	100	GEO_Eqn_6.12b_nls14	1050	16.0	-49.0	-0.1	11.0	0.2	88.0
B394	100	GEO_Eqn_6.12b_nls14	1312.5	16.0	-43.0	-0.1	11.0	0.2	100.0
B394	100	GEO_Eqn_6.12b_nls14	1575	16.0	-37.0	-0.1	11.0	0.3	110.0
B394	100	GEO_Eqn_6.12b_nls14	1575	2.0	-84.0	0.0	11.0	0.3	119.0
B394	100	GEO_Eqn_6.12b_nls14	1837.5	2.0	-78.0	0.0	11.0	0.3	141.0
B394	100	GEO_Eqn_6.12b_nls14	2100	2.0	-72.0	0.0	11.0	0.3	160.0
B394	100	GEO_Eqn_6.12b_nls14	2100	-26.0	-84.0	0.3	14.0	0.2	167.0
B394	100	GEO_Eqn_6.12b_nls14	2362.5	-26.0	-78.0	0.3	14.0	0.1	189.0
B394	100	GEO_Eqn_6.12b_nls14	2625	-26.0	-72.0	0.3	14.0	0.1	208.0
B394	100	GEO_Eqn_6.12b_nls14	2625	-53.0	-149.0	0.4	14.0	-0.3	226.0
B394	100	GEO_Eqn_6.12b_nls14	2887.5	-53.0	-143.0	0.4	14.0	-0.4	264.0
B394	100	GEO_Eqn_6.12b_nls14	3150	-53.0	-137.0	0.4	14.0	-1.0	301.0
B394	100	GEO_Eqn_6.12b_nls14	3150	128.0	-156.0	-0.2	18.0	-0.2	317.0
B394	100	GEO_Eqn_6.12b_nls14	3431.25	128.0	-150.0	-0.2	18.0	-0.1	360.0
B394	100	GEO_Eqn_6.12b_nls14	3712.5	128.0	-143.0	-0.2	18.0	-0.1	401.0
B394	100	GEO_Eqn_6.12b_nls14	3712.5	72.0	-203.0	-0.1	18.0	0.1	428.0
B394	100	GEO_Eqn_6.12b_nls14	3993.75	72.0	-197.0	-0.1	18.0	0.1	484.0
B394	100	GEO_Eqn_6.12b_nls14	4275	72.0	-190.0	-0.1	18.0	0.2	539.0
B394	100	GEO_Eqn_6.12b_nls14	4275	-47.0	-96.0	0.1	22.0	0.2	561.0
B394	100	GEO_Eqn_6.12b_nls14	4556.25	-47.0	-90.0	0.1	22.0	0.2	587.0
B394	100	GEO_Eqn_6.12b_nls14	4837.5	-47.0	-83.0	0.1	22.0	0.1	612.0
B394	100	GEO_Eqn_6.12b_nls14	4837.5	-153.0	129.0	0.3	23.0	-0.1	618.0
B394	100	GEO_Eqn_6.12b_nls14	5118.75	-153.0	136.0	0.3	23.0	-0.2	581.0
B394	100	GEO_Eqn_6.12b_nls14	5400	-153.0	142.0	0.3	23.0	-0.2	542.0
B394	100	GEO_Eqn_6.12b_nls14	5400	4.0	72.0	0.1	30.0	0.1	788.0
B394	100	GEO_Eqn_6.12b_nls14	5760	4.0	80.0	0.1	30.0	0.0	761.0
B394	100	GEO_Eqn_6.12b_nls14	6120	4.0	88.0	0.1	30.0	0.0	731.0
B394	100	GEO_Eqn_6.12b_nls14	6480	4.0	96.0	0.1	30.0	0.0	698.0
B394	100	GEO_Eqn_6.12b_nls14	6480	1.0	183.0	-0.1	29.0	-0.1	696.0
B394	100	GEO_Eqn_6.12b_nls14	6840	1.0	191.0	-0.1	29.0	-0.1	629.0
B394	100	GEO_Eqn_6.12b_nls14	7200	1.0	199.0	-0.1	29.0	0.0	559.0
B394	100	GEO_Eqn_6.12b_nls14	7560	1.0	207.0	-0.1	29.0	0.0	486.0
B394	100	GEO_Eqn_6.12b_nls14	7560	-0.1	293.0	-0.1	28.0	-0.1	484.0
B394	100	GEO_Eqn_6.12b_nls14	7920	-0.1	301.0	-0.1	28.0	0.0	377.0
B394	100	GEO_Eqn_6.12b_nls14	8280	-0.1	309.0	-0.2	28.0	0.0	267.0
B394	100	GEO_Eqn_6.12b_nls14	8640	-0.1	317.0	-0.2	28.0	0.1	155.0
B394	100	GEO_Eqn_6.12b_nls14	8640	-2.0	403.0	-0.2	25.0	0.0	153.0
B394	100	GEO_Eqn_6.12b_nls14	9000	-2.0	411.0	-0.2	25.0	0.1	6.0
B394	100	GEO_Eqn_6.12b_nls14	9360	-2.0	419.0	-0.2	25.0	0.1	-143.0
B394	100	GEO_Eqn_6.12b_nls14	9720	-2.0	427.0	-0.2	25.0	0.2	-295.0
B394	100	GEO_Eqn_6.12b_nls14	9720	-4.0	515.0	0.3	22.0	0.1	-298.0
B394	100	GEO_Eqn_6.12b_nls14	10080	-4.0	523.0	0.3	22.0	0.0	-484.0
B394	100	GEO_Eqn_6.12b_nls14	10440	-4.0	531.0	0.3	22.0	-0.1	-674.0
B394	100	GEO_Eqn_6.12b_nls14	10800	-4.0	539.0	0.3	22.0	-0.2	-867.0
B394	100	GEO_Eqn_6.12b_nls14	10800	3.0	-374.0	-1.0	35.0	-1.0	-830.0
B394	100	GEO_Eqn_6.12b_nls14	11160	3.0	-366.0	-1.0	35.0	-0.3	-696.0
B394	100	GEO_Eqn_6.12b_nls14	11520	3.0	-358.0	-1.0	35.0	0.0	-566.0
B394	100	GEO_Eqn_6.12b_nls14	11880	3.0	-350.0	-1.0	35.0	0.2	-438.0
B394	100	GEO_Eqn_6.12b_nls14	11880	1.0	-261.0	0.0	32.0	0.1	-436.0
B394	100	GEO_Eqn_6.12b_nls14	12240	1.0	-253.0	-0.1	32.0	0.1	-344.0
B394	100	GEO_Eqn_6.12b_nls14	12600	1.0	-245.0	-0.1	32.0	0.1	-254.0
B394	100	GEO_Eqn_6.12b_nls14	12960	1.0	-236.0	-0.1	32.0	0.2	-168.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls14	12960	-0.2	-151.0	0.0	29.0	0.1	-166.0
B394	100	GEO_Eqn_6.12b_nls14	13320	-0.2	-142.0	0.0	29.0	0.1	-113.0
B394	100	GEO_Eqn_6.12b_nls14	13680	-0.2	-134.0	0.0	29.0	0.1	-63.0
B394	100	GEO_Eqn_6.12b_nls14	14040	-0.2	-126.0	-0.1	29.0	0.1	-16.0
B394	100	GEO_Eqn_6.12b_nls14	14040	-1.0	-54.0	0.1	28.0	0.1	-16.0
B394	100	GEO_Eqn_6.12b_nls14	14400	-1.0	-46.0	0.1	28.0	0.0	2.0
B394	100	GEO_Eqn_6.12b_nls14	14760	-1.0	-38.0	0.1	28.0	0.0	17.0
B394	100	GEO_Eqn_6.12b_nls14	15120	-1.0	-30.0	0.1	28.0	0.0	29.0
B394	100	GEO_Eqn_6.12b_nls14	15120	-2.0	10.0	0.2	27.0	0.0	30.0
B394	100	GEO_Eqn_6.12b_nls14	15480	-2.0	18.0	0.2	27.0	-0.1	25.0
B394	100	GEO_Eqn_6.12b_nls14	15840	-2.0	26.0	0.2	27.0	-0.2	17.0
B394	100	GEO_Eqn_6.12b_nls14	16200	-2.0	34.0	0.2	27.0	-0.2	6.0
B394	100	GEO_Eqn_6.12b_nls15	0	-340.0	-423.0	0.1	-15.0	0.0	100.0
B394	100	GEO_Eqn_6.12b_nls15	262.5	-340.0	-417.0	0.1	-15.0	-0.1	210.0
B394	100	GEO_Eqn_6.12b_nls15	525	-340.0	-412.0	0.1	-15.0	-0.1	319.0
B394	100	GEO_Eqn_6.12b_nls15	525	-191.0	-108.0	-0.1	-15.0	-0.1	341.0
B394	100	GEO_Eqn_6.12b_nls15	787.5	-191.0	-102.0	-0.1	-15.0	-0.1	368.0
B394	100	GEO_Eqn_6.12b_nls15	1050	-191.0	-96.0	-0.1	-15.0	-0.1	394.0
B394	100	GEO_Eqn_6.12b_nls15	1050	-28.0	47.0	0.0	-17.0	0.1	382.0
B394	100	GEO_Eqn_6.12b_nls15	1312.5	-28.0	52.0	0.0	-17.0	0.1	369.0
B394	100	GEO_Eqn_6.12b_nls15	1575	-28.0	58.0	0.0	-17.0	0.1	354.0
B394	100	GEO_Eqn_6.12b_nls15	1575	81.0	74.0	0.0	-17.0	0.1	338.0
B394	100	GEO_Eqn_6.12b_nls15	1837.5	81.0	80.0	0.0	-17.0	0.1	318.0
B394	100	GEO_Eqn_6.12b_nls15	2100	81.0	85.0	0.0	-17.0	0.1	296.0
B394	100	GEO_Eqn_6.12b_nls15	2100	199.0	128.0	0.1	-19.0	0.1	280.0
B394	100	GEO_Eqn_6.12b_nls15	2362.5	199.0	134.0	0.1	-19.0	0.1	246.0
B394	100	GEO_Eqn_6.12b_nls15	2625	199.0	140.0	0.1	-19.0	0.1	210.0
B394	100	GEO_Eqn_6.12b_nls15	2625	279.0	132.0	0.1	-19.0	-0.1	185.0
B394	100	GEO_Eqn_6.12b_nls15	2887.5	279.0	138.0	0.1	-19.0	-0.1	150.0
B394	100	GEO_Eqn_6.12b_nls15	3150	279.0	144.0	0.1	-19.0	-0.2	113.0
B394	100	GEO_Eqn_6.12b_nls15	3150	-117.0	239.0	-0.3	-20.0	-0.4	94.0
B394	100	GEO_Eqn_6.12b_nls15	3431.25	-117.0	245.0	-0.3	-20.0	-0.3	26.0
B394	100	GEO_Eqn_6.12b_nls15	3712.5	-117.0	251.0	-0.3	-20.0	-0.2	-44.0
B394	100	GEO_Eqn_6.12b_nls15	3712.5	-49.0	319.0	-0.3	-20.0	0.1	-87.0
B394	100	GEO_Eqn_6.12b_nls15	3993.75	-49.0	325.0	-0.3	-20.0	0.2	-177.0
B394	100	GEO_Eqn_6.12b_nls15	4275	-49.0	331.0	-0.3	-20.0	0.3	-270.0
B394	100	GEO_Eqn_6.12b_nls15	4275	52.0	533.0	0.4	-21.0	0.5	-310.0
B394	100	GEO_Eqn_6.12b_nls15	4556.25	52.0	540.0	0.4	-21.0	0.4	-461.0
B394	100	GEO_Eqn_6.12b_nls15	4837.5	52.0	546.0	0.4	-21.0	0.3	-614.0
B394	100	GEO_Eqn_6.12b_nls15	4837.5	114.0	643.0	0.5	-21.0	-0.2	-702.0
B394	100	GEO_Eqn_6.12b_nls15	5118.75	114.0	649.0	0.5	-21.0	-0.3	-884.0
B394	100	GEO_Eqn_6.12b_nls15	5400	114.0	656.0	0.5	-21.0	-0.5	-1067.0
B394	100	GEO_Eqn_6.12b_nls15	5400	-5.0	-561.0	-0.4	-23.0	-0.3	-1333.0
B394	100	GEO_Eqn_6.12b_nls15	5760	-5.0	-553.0	-0.4	-23.0	-0.2	-1133.0
B394	100	GEO_Eqn_6.12b_nls15	6120	-5.0	-545.0	-0.4	-23.0	0.0	-935.0
B394	100	GEO_Eqn_6.12b_nls15	6480	-5.0	-536.0	-0.4	-23.0	0.1	-741.0
B394	100	GEO_Eqn_6.12b_nls15	6480	-1.0	-444.0	0.2	-23.0	0.3	-739.0
B394	100	GEO_Eqn_6.12b_nls15	6840	-1.0	-436.0	0.2	-23.0	0.2	-580.0
B394	100	GEO_Eqn_6.12b_nls15	7200	-1.0	-428.0	0.2	-23.0	0.1	-425.0
B394	100	GEO_Eqn_6.12b_nls15	7560	-1.0	-420.0	0.2	-23.0	0.0	-272.0
B394	100	GEO_Eqn_6.12b_nls15	7560	1.0	-330.0	0.2	-23.0	0.1	-271.0
B394	100	GEO_Eqn_6.12b_nls15	7920	1.0	-322.0	0.2	-23.0	0.0	-153.0
B394	100	GEO_Eqn_6.12b_nls15	8280	1.0	-314.0	0.2	-23.0	0.0	-39.0
B394	100	GEO_Eqn_6.12b_nls15	8640	1.0	-306.0	0.2	-23.0	-0.1	73.0
B394	100	GEO_Eqn_6.12b_nls15	8640	2.0	-216.0	0.2	-22.0	0.0	74.0
B394	100	GEO_Eqn_6.12b_nls15	9000	2.0	-208.0	0.2	-22.0	0.0	150.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls15	9360	2.0	-200.0	0.2	-22.0	-0.1	224.0
B394	100	GEO_Eqn_6.12b_nls15	9720	2.0	-191.0	0.2	-22.0	-0.2	294.0
B394	100	GEO_Eqn_6.12b_nls15	9720	2.0	-100.0	-0.3	-20.0	-0.1	295.0
B394	100	GEO_Eqn_6.12b_nls15	10080	2.0	-92.0	-0.3	-20.0	0.0	330.0
B394	100	GEO_Eqn_6.12b_nls15	10440	2.0	-84.0	-0.3	-20.0	0.1	361.0
B394	100	GEO_Eqn_6.12b_nls15	10800	2.0	-76.0	-0.3	-20.0	0.2	390.0
B394	100	GEO_Eqn_6.12b_nls15	10800	1.0	-192.0	1.0	-15.0	1.0	357.0
B394	100	GEO_Eqn_6.12b_nls15	11160	1.0	-184.0	1.0	-15.0	0.4	424.0
B394	100	GEO_Eqn_6.12b_nls15	11520	1.0	-176.0	1.0	-15.0	0.1	489.0
B394	100	GEO_Eqn_6.12b_nls15	11880	1.0	-168.0	1.0	-15.0	-0.2	551.0
B394	100	GEO_Eqn_6.12b_nls15	11880	1.0	-75.0	0.0	-13.0	-0.2	553.0
B394	100	GEO_Eqn_6.12b_nls15	12240	1.0	-67.0	-0.1	-13.0	-0.2	578.0
B394	100	GEO_Eqn_6.12b_nls15	12600	1.0	-59.0	-0.1	-13.0	-0.1	601.0
B394	100	GEO_Eqn_6.12b_nls15	12960	1.0	-51.0	-0.1	-13.0	-0.1	621.0
B394	100	GEO_Eqn_6.12b_nls15	12960	-0.1	37.0	-0.1	-12.0	-0.2	621.0
B394	100	GEO_Eqn_6.12b_nls15	13320	-0.1	45.0	-0.1	-12.0	-0.1	606.0
B394	100	GEO_Eqn_6.12b_nls15	13680	-0.1	54.0	-0.1	-12.0	-0.1	589.0
B394	100	GEO_Eqn_6.12b_nls15	14040	-0.1	62.0	-0.1	-12.0	-0.1	568.0
B394	100	GEO_Eqn_6.12b_nls15	14040	-1.0	135.0	-0.1	-11.0	-0.2	568.0
B394	100	GEO_Eqn_6.12b_nls15	14400	-1.0	143.0	-0.1	-11.0	-0.1	518.0
B394	100	GEO_Eqn_6.12b_nls15	14760	-1.0	151.0	-0.1	-11.0	-0.1	465.0
B394	100	GEO_Eqn_6.12b_nls15	15120	-1.0	159.0	-0.1	-11.0	-0.1	410.0
B394	100	GEO_Eqn_6.12b_nls15	15120	-1.0	196.0	-1.0	-11.0	-0.2	409.0
B394	100	GEO_Eqn_6.12b_nls15	15480	-1.0	204.0	-1.0	-11.0	0.1	337.0
B394	100	GEO_Eqn_6.12b_nls15	15840	-1.0	212.0	-1.0	-11.0	0.3	263.0
B394	100	GEO_Eqn_6.12b_nls15	16200	-1.0	220.0	-1.0	-11.0	1.0	185.0
B394	100	GEO_Eqn_6.12b_nls16	0	-410.0	-377.0	-1.0	-8.0	-1.0	91.0
B394	100	GEO_Eqn_6.12b_nls16	262.5	-410.0	-371.0	-1.0	-8.0	-1.0	189.0
B394	100	GEO_Eqn_6.12b_nls16	525	-410.0	-365.0	-1.0	-8.0	-1.0	286.0
B394	100	GEO_Eqn_6.12b_nls16	525	-243.0	-93.0	-1.0	-8.0	0.1	303.0
B394	100	GEO_Eqn_6.12b_nls16	787.5	-243.0	-87.0	-1.0	-8.0	0.2	326.0
B394	100	GEO_Eqn_6.12b_nls16	1050	-243.0	-81.0	-1.0	-8.0	0.4	349.0
B394	100	GEO_Eqn_6.12b_nls16	1050	-49.0	41.0	-0.1	-6.0	1.0	335.0
B394	100	GEO_Eqn_6.12b_nls16	1312.5	-49.0	47.0	-0.1	-6.0	1.0	323.0
B394	100	GEO_Eqn_6.12b_nls16	1575	-49.0	53.0	-0.1	-6.0	1.0	310.0
B394	100	GEO_Eqn_6.12b_nls16	1575	90.0	64.0	0.1	-6.0	1.0	292.0
B394	100	GEO_Eqn_6.12b_nls16	1837.5	90.0	70.0	0.1	-6.0	1.0	275.0
B394	100	GEO_Eqn_6.12b_nls16	2100	90.0	76.0	0.1	-6.0	1.0	256.0
B394	100	GEO_Eqn_6.12b_nls16	2100	250.0	123.0	1.0	-6.0	1.0	239.0
B394	100	GEO_Eqn_6.12b_nls16	2362.5	250.0	129.0	1.0	-6.0	0.3	206.0
B394	100	GEO_Eqn_6.12b_nls16	2625	250.0	135.0	1.0	-6.0	0.2	171.0
B394	100	GEO_Eqn_6.12b_nls16	2625	362.0	136.0	1.0	-6.0	-1.0	145.0
B394	100	GEO_Eqn_6.12b_nls16	2887.5	362.0	142.0	1.0	-6.0	-1.0	108.0
B394	100	GEO_Eqn_6.12b_nls16	3150	362.0	148.0	1.0	-6.0	-1.0	70.0
B394	100	GEO_Eqn_6.12b_nls16	3150	-177.0	255.0	-1.0	-5.0	-1.0	48.0
B394	100	GEO_Eqn_6.12b_nls16	3431.25	-177.0	262.0	-1.0	-5.0	-1.0	-25.0
B394	100	GEO_Eqn_6.12b_nls16	3712.5	-177.0	268.0	-1.0	-5.0	-0.5	-99.0
B394	100	GEO_Eqn_6.12b_nls16	3712.5	-75.0	344.0	-1.0	-5.0	0.5	-147.0
B394	100	GEO_Eqn_6.12b_nls16	3993.75	-75.0	350.0	-1.0	-5.0	1.0	-244.0
B394	100	GEO_Eqn_6.12b_nls16	4275	-75.0	356.0	-1.0	-5.0	1.0	-344.0
B394	100	GEO_Eqn_6.12b_nls16	4275	79.0	559.0	1.0	-4.0	1.0	-389.0
B394	100	GEO_Eqn_6.12b_nls16	4556.25	79.0	565.0	1.0	-4.0	1.0	-547.0
B394	100	GEO_Eqn_6.12b_nls16	4837.5	79.0	571.0	1.0	-4.0	1.0	-707.0
B394	100	GEO_Eqn_6.12b_nls16	4837.5	174.0	635.0	1.0	-4.0	-0.5	-800.0
B394	100	GEO_Eqn_6.12b_nls16	5118.75	174.0	641.0	1.0	-4.0	-1.0	-979.0
B394	100	GEO_Eqn_6.12b_nls16	5400	174.0	648.0	1.0	-4.0	-1.0	-1160.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B394	100	GEO_Eqn_6.12b_nls16	5400	-6.0	-582.0	-0.5	2.0	-0.3	-1482.0
B394	100	GEO_Eqn_6.12b_nls16	5760	-6.0	-574.0	-0.5	2.0	-0.2	-1274.0
B394	100	GEO_Eqn_6.12b_nls16	6120	-6.0	-566.0	-0.5	2.0	0.0	-1069.0
B394	100	GEO_Eqn_6.12b_nls16	6480	-6.0	-558.0	-0.5	2.0	0.2	-867.0
B394	100	GEO_Eqn_6.12b_nls16	6480	-1.0	-463.0	0.3	-2.0	0.3	-865.0
B394	100	GEO_Eqn_6.12b_nls16	6840	-1.0	-455.0	0.3	-2.0	0.2	-700.0
B394	100	GEO_Eqn_6.12b_nls16	7200	-1.0	-447.0	0.2	-2.0	0.1	-537.0
B394	100	GEO_Eqn_6.12b_nls16	7560	-1.0	-439.0	0.2	-2.0	0.0	-378.0
B394	100	GEO_Eqn_6.12b_nls16	7560	1.0	-348.0	0.2	-5.0	0.1	-376.0
B394	100	GEO_Eqn_6.12b_nls16	7920	1.0	-340.0	0.2	-5.0	0.0	-252.0
B394	100	GEO_Eqn_6.12b_nls16	8280	1.0	-332.0	0.2	-5.0	0.0	-132.0
B394	100	GEO_Eqn_6.12b_nls16	8640	1.0	-324.0	0.2	-5.0	-0.1	-14.0
B394	100	GEO_Eqn_6.12b_nls16	8640	2.0	-232.0	0.1	-7.0	0.0	-12.0
B394	100	GEO_Eqn_6.12b_nls16	9000	2.0	-224.0	0.1	-7.0	0.0	70.0
B394	100	GEO_Eqn_6.12b_nls16	9360	2.0	-216.0	0.1	-7.0	-0.1	149.0
B394	100	GEO_Eqn_6.12b_nls16	9720	2.0	-208.0	0.1	-7.0	-0.1	226.0
B394	100	GEO_Eqn_6.12b_nls16	9720	3.0	-116.0	-0.2	-9.0	-0.1	227.0
B394	100	GEO_Eqn_6.12b_nls16	10080	3.0	-108.0	-0.2	-9.0	0.0	267.0
B394	100	GEO_Eqn_6.12b_nls16	10440	3.0	-100.0	-0.2	-9.0	0.0	304.0
B394	100	GEO_Eqn_6.12b_nls16	10800	3.0	-92.0	-0.2	-9.0	0.1	339.0
B394	100	GEO_Eqn_6.12b_nls16	10800	0.5	-240.0	0.4	7.0	0.3	294.0
B394	100	GEO_Eqn_6.12b_nls16	11160	0.5	-232.0	0.4	7.0	0.2	379.0
B394	100	GEO_Eqn_6.12b_nls16	11520	0.5	-223.0	0.4	7.0	0.0	461.0
B394	100	GEO_Eqn_6.12b_nls16	11880	0.5	-215.0	0.4	7.0	-0.1	540.0
B394	100	GEO_Eqn_6.12b_nls16	11880	0.3	-122.0	0.0	7.0	-0.1	541.0
B394	100	GEO_Eqn_6.12b_nls16	12240	0.3	-114.0	-0.1	7.0	-0.1	584.0
B394	100	GEO_Eqn_6.12b_nls16	12600	0.3	-106.0	-0.1	7.0	-0.1	624.0
B394	100	GEO_Eqn_6.12b_nls16	12960	0.3	-98.0	-0.1	7.0	0.0	661.0
B394	100	GEO_Eqn_6.12b_nls16	12960	-0.1	-10.0	-0.1	6.0	-0.1	662.0
B394	100	GEO_Eqn_6.12b_nls16	13320	-0.1	-2.0	-0.1	6.0	-0.1	664.0
B394	100	GEO_Eqn_6.12b_nls16	13680	-0.1	6.0	-0.1	6.0	0.0	663.0
B394	100	GEO_Eqn_6.12b_nls16	14040	-0.1	14.0	-0.1	6.0	0.0	659.0
B394	100	GEO_Eqn_6.12b_nls16	14040	-0.3	87.0	-0.1	6.0	-0.1	660.0
B394	100	GEO_Eqn_6.12b_nls16	14400	-0.3	95.0	-0.1	6.0	-0.1	627.0
B394	100	GEO_Eqn_6.12b_nls16	14760	-0.3	103.0	-0.1	6.0	0.0	592.0
B394	100	GEO_Eqn_6.12b_nls16	15120	-0.3	111.0	-0.1	6.0	0.0	553.0
B394	100	GEO_Eqn_6.12b_nls16	15120	-0.4	148.0	-0.3	6.0	-0.1	553.0
B394	100	GEO_Eqn_6.12b_nls16	15480	-0.4	156.0	-0.3	6.0	0.0	498.0
B394	100	GEO_Eqn_6.12b_nls16	15840	-0.4	164.0	-0.3	6.0	0.1	441.0
B394	100	GEO_Eqn_6.12b_nls16	16200	-0.4	172.0	-0.3	6.0	0.2	380.0
B395	106	GEO_Eqn_6.12b_nls01	0	-238.0	-86.0	6.0	57.0	8.0	16.0
B395	106	GEO_Eqn_6.12b_nls01	262.5	-238.0	-80.0	6.0	57.0	6.0	38.0
B395	106	GEO_Eqn_6.12b_nls01	525	-238.0	-74.0	6.0	57.0	4.0	58.0
B395	106	GEO_Eqn_6.12b_nls01	525	-145.0	-87.0	4.0	56.0	-2.0	65.0
B395	106	GEO_Eqn_6.12b_nls01	787.5	-145.0	-81.0	4.0	56.0	-4.0	87.0
B395	106	GEO_Eqn_6.12b_nls01	1050	-145.0	-75.0	4.0	56.0	-5.0	107.0
B395	106	GEO_Eqn_6.12b_nls01	1050	-14.0	-69.0	-1.0	38.0	-5.0	108.0
B395	106	GEO_Eqn_6.12b_nls01	1312.5	-14.0	-63.0	-1.0	38.0	-4.0	126.0
B395	106	GEO_Eqn_6.12b_nls01	1575	-14.0	-57.0	-1.0	38.0	-4.0	141.0
B395	106	GEO_Eqn_6.12b_nls01	1575	60.0	-93.0	-1.0	37.0	-3.0	148.0
B395	106	GEO_Eqn_6.12b_nls01	1837.5	60.0	-87.0	-1.0	37.0	-2.0	172.0
B395	106	GEO_Eqn_6.12b_nls01	2100	60.0	-81.0	-1.0	37.0	-2.0	194.0
B395	106	GEO_Eqn_6.12b_nls01	2100	145.0	-67.0	-2.0	29.0	-1.0	197.0
B395	106	GEO_Eqn_6.12b_nls01	2362.5	145.0	-61.0	-2.0	29.0	-0.2	214.0
B395	106	GEO_Eqn_6.12b_nls01	2625	145.0	-55.0	-2.0	29.0	0.4	229.0
B395	106	GEO_Eqn_6.12b_nls01	2625	192.0	-95.0	-2.0	28.0	3.0	238.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls01	2887.5	192.0	-89.0	-3.0	28.0	4.0	262.0
B395	106	GEO_Eqn_6.12b_nls01	3150	192.0	-83.0	-3.0	28.0	5.0	285.0
B395	106	GEO_Eqn_6.12b_nls01	3150	34.0	-41.0	2.0	22.0	2.0	290.0
B395	106	GEO_Eqn_6.12b_nls01	3431.25	34.0	-35.0	2.0	22.0	1.0	301.0
B395	106	GEO_Eqn_6.12b_nls01	3712.5	34.0	-29.0	2.0	22.0	1.0	310.0
B395	106	GEO_Eqn_6.12b_nls01	3712.5	35.0	-19.0	1.0	21.0	-1.0	314.0
B395	106	GEO_Eqn_6.12b_nls01	3993.75	35.0	-13.0	1.0	21.0	-1.0	318.0
B395	106	GEO_Eqn_6.12b_nls01	4275	35.0	-6.0	1.0	21.0	-2.0	321.0
B395	106	GEO_Eqn_6.12b_nls01	4275	-7.0	178.0	-1.0	15.0	-2.0	321.0
B395	106	GEO_Eqn_6.12b_nls01	4556.25	-7.0	185.0	-1.0	15.0	-1.0	270.0
B395	106	GEO_Eqn_6.12b_nls01	4837.5	-7.0	191.0	-1.0	15.0	-1.0	217.0
B395	106	GEO_Eqn_6.12b_nls01	4837.5	-62.0	466.0	-2.0	14.0	1.0	175.0
B395	106	GEO_Eqn_6.12b_nls01	5118.75	-62.0	472.0	-2.0	14.0	1.0	43.0
B395	106	GEO_Eqn_6.12b_nls01	5400	-62.0	479.0	-2.0	14.0	2.0	-91.0
B395	106	GEO_Eqn_6.12b_nls01	5400	2.0	-155.0	1.0	15.0	1.0	-114.0
B395	106	GEO_Eqn_6.12b_nls01	5760	2.0	-147.0	1.0	15.0	0.3	-59.0
B395	106	GEO_Eqn_6.12b_nls01	6120	2.0	-139.0	1.0	15.0	0.0	-8.0
B395	106	GEO_Eqn_6.12b_nls01	6480	2.0	-131.0	1.0	15.0	-0.3	40.0
B395	106	GEO_Eqn_6.12b_nls01	6480	1.0	-37.0	0.0	21.0	-0.2	41.0
B395	106	GEO_Eqn_6.12b_nls01	6840	1.0	-29.0	-0.1	21.0	-0.2	52.0
B395	106	GEO_Eqn_6.12b_nls01	7200	1.0	-21.0	-0.1	21.0	-0.2	61.0
B395	106	GEO_Eqn_6.12b_nls01	7560	1.0	-12.0	-0.1	21.0	-0.1	67.0
B395	106	GEO_Eqn_6.12b_nls01	7560	-0.1	80.0	0.0	26.0	0.0	67.0
B395	106	GEO_Eqn_6.12b_nls01	7920	-0.1	88.0	0.0	26.0	0.0	37.0
B395	106	GEO_Eqn_6.12b_nls01	8280	-0.1	96.0	0.0	26.0	0.0	3.0
B395	106	GEO_Eqn_6.12b_nls01	8640	-0.1	105.0	0.0	26.0	0.0	-33.0
B395	106	GEO_Eqn_6.12b_nls01	8640	-1.0	198.0	0.1	31.0	0.0	-33.0
B395	106	GEO_Eqn_6.12b_nls01	9000	-1.0	206.0	0.1	31.0	0.0	-106.0
B395	106	GEO_Eqn_6.12b_nls01	9360	-1.0	214.0	0.1	31.0	-0.1	-181.0
B395	106	GEO_Eqn_6.12b_nls01	9720	-1.0	222.0	0.1	31.0	-0.1	-260.0
B395	106	GEO_Eqn_6.12b_nls01	9720	-2.0	316.0	-0.3	35.0	0.0	-261.0
B395	106	GEO_Eqn_6.12b_nls01	10080	-2.0	325.0	-0.3	35.0	0.1	-376.0
B395	106	GEO_Eqn_6.12b_nls01	10440	-2.0	333.0	-0.3	35.0	0.2	-494.0
B395	106	GEO_Eqn_6.12b_nls01	10800	-2.0	341.0	-0.3	35.0	0.3	-616.0
B395	106	GEO_Eqn_6.12b_nls01	10800	-35.0	-595.0	1.0	32.0	1.0	-586.0
B395	106	GEO_Eqn_6.12b_nls01	11100	-35.0	-588.0	1.0	32.0	1.0	-408.0
B395	106	GEO_Eqn_6.12b_nls01	11400	-35.0	-581.0	1.0	32.0	1.0	-233.0
B395	106	GEO_Eqn_6.12b_nls01	11400	-5.0	-265.0	0.5	32.0	-0.2	-159.0
B395	106	GEO_Eqn_6.12b_nls01	11880	-5.0	-254.0	0.4	32.0	-0.4	-34.0
B395	106	GEO_Eqn_6.12b_nls01	11880	6.0	-24.0	0.0	29.0	-0.3	43.0
B395	106	GEO_Eqn_6.12b_nls01	12000	6.0	-22.0	0.0	29.0	-0.3	46.0
B395	106	GEO_Eqn_6.12b_nls01	12000	36.0	-153.0	0.0	27.0	-0.3	41.0
B395	106	GEO_Eqn_6.12b_nls01	12300	36.0	-146.0	0.0	27.0	-0.3	86.0
B395	106	GEO_Eqn_6.12b_nls01	12600	36.0	-140.0	0.0	27.0	-0.4	129.0
B395	106	GEO_Eqn_6.12b_nls01	12600	53.0	-51.0	-0.1	27.0	-0.2	146.0
B395	106	GEO_Eqn_6.12b_nls01	12960	53.0	-43.0	-0.1	27.0	-0.2	163.0
B395	106	GEO_Eqn_6.12b_nls01	12960	57.0	-11.0	0.0	24.0	0.0	181.0
B395	106	GEO_Eqn_6.12b_nls01	13200	57.0	-5.0	0.0	24.0	0.0	183.0
B395	106	GEO_Eqn_6.12b_nls01	13200	62.0	-45.0	-0.1	23.0	0.0	183.0
B395	106	GEO_Eqn_6.12b_nls01	13500	62.0	-38.0	-0.1	23.0	0.0	195.0
B395	106	GEO_Eqn_6.12b_nls01	13800	62.0	-32.0	-0.1	23.0	0.0	206.0
B395	106	GEO_Eqn_6.12b_nls01	13800	47.0	-23.0	-0.1	21.0	0.1	217.0
B395	106	GEO_Eqn_6.12b_nls01	14040	47.0	-18.0	-0.1	21.0	0.2	222.0
B395	106	GEO_Eqn_6.12b_nls01	14040	43.0	-15.0	0.3	18.0	0.0	234.0
B395	106	GEO_Eqn_6.12b_nls01	14400	43.0	-7.0	0.3	18.0	-0.2	238.0
B395	106	GEO_Eqn_6.12b_nls01	14400	15.0	-84.0	1.0	17.0	-1.0	245.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls01	14700	15.0	-77.0	1.0	17.0	-1.0	269.0
B395	106	GEO_Eqn_6.12b_nls01	15000	15.0	-70.0	1.0	17.0	-1.0	291.0
B395	106	GEO_Eqn_6.12b_nls01	15000	-35.0	-10.0	0.0	15.0	-1.0	300.0
B395	106	GEO_Eqn_6.12b_nls01	15120	-35.0	-7.0	0.0	15.0	-1.0	301.0
B395	106	GEO_Eqn_6.12b_nls01	15120	-55.0	-59.0	-1.0	10.0	-2.0	323.0
B395	106	GEO_Eqn_6.12b_nls01	15600	-55.0	-48.0	-1.0	10.0	-1.0	348.0
B395	106	GEO_Eqn_6.12b_nls01	15600	-123.0	-4.0	-3.0	9.0	1.0	361.0
B395	106	GEO_Eqn_6.12b_nls01	15900	-123.0	3.0	-3.0	9.0	2.0	361.0
B395	106	GEO_Eqn_6.12b_nls01	16200	-123.0	10.0	-3.0	9.0	3.0	359.0
B395	106	GEO_Eqn_6.12b_nls02	0	-230.0	-169.0	4.0	41.0	5.0	43.0
B395	106	GEO_Eqn_6.12b_nls02	262.5	-230.0	-163.0	4.0	41.0	4.0	87.0
B395	106	GEO_Eqn_6.12b_nls02	525	-230.0	-158.0	4.0	41.0	2.0	129.0
B395	106	GEO_Eqn_6.12b_nls02	525	-137.0	-90.0	2.0	40.0	-2.0	142.0
B395	106	GEO_Eqn_6.12b_nls02	787.5	-137.0	-84.0	2.0	40.0	-2.0	165.0
B395	106	GEO_Eqn_6.12b_nls02	1050	-137.0	-79.0	2.0	40.0	-3.0	187.0
B395	106	GEO_Eqn_6.12b_nls02	1050	-10.0	-37.0	-0.4	26.0	-2.0	185.0
B395	106	GEO_Eqn_6.12b_nls02	1312.5	-10.0	-31.0	-0.4	26.0	-2.0	194.0
B395	106	GEO_Eqn_6.12b_nls02	1575	-10.0	-25.0	-0.4	26.0	-2.0	201.0
B395	106	GEO_Eqn_6.12b_nls02	1575	60.0	-48.0	-1.0	25.0	-1.0	202.0
B395	106	GEO_Eqn_6.12b_nls02	1837.5	60.0	-42.0	-1.0	25.0	-1.0	214.0
B395	106	GEO_Eqn_6.12b_nls02	2100	60.0	-36.0	-1.0	25.0	-1.0	224.0
B395	106	GEO_Eqn_6.12b_nls02	2100	138.0	-11.0	-1.0	19.0	-1.0	223.0
B395	106	GEO_Eqn_6.12b_nls02	2362.5	138.0	-6.0	-1.0	19.0	-0.3	225.0
B395	106	GEO_Eqn_6.12b_nls02	2625	138.0	0.3	-1.0	19.0	0.1	225.0
B395	106	GEO_Eqn_6.12b_nls02	2625	177.0	-30.0	-2.0	18.0	2.0	225.0
B395	106	GEO_Eqn_6.12b_nls02	2887.5	177.0	-24.0	-2.0	18.0	2.0	232.0
B395	106	GEO_Eqn_6.12b_nls02	3150	177.0	-18.0	-2.0	18.0	3.0	238.0
B395	106	GEO_Eqn_6.12b_nls02	3150	21.0	41.0	1.0	13.0	1.0	237.0
B395	106	GEO_Eqn_6.12b_nls02	3431.25	21.0	47.0	1.0	13.0	1.0	225.0
B395	106	GEO_Eqn_6.12b_nls02	3712.5	21.0	53.0	1.0	13.0	1.0	211.0
B395	106	GEO_Eqn_6.12b_nls02	3712.5	21.0	77.0	1.0	12.0	-1.0	202.0
B395	106	GEO_Eqn_6.12b_nls02	3993.75	21.0	83.0	1.0	12.0	-1.0	179.0
B395	106	GEO_Eqn_6.12b_nls02	4275	21.0	90.0	1.0	12.0	-1.0	155.0
B395	106	GEO_Eqn_6.12b_nls02	4275	-5.0	275.0	-1.0	7.0	-1.0	145.0
B395	106	GEO_Eqn_6.12b_nls02	4556.25	-5.0	282.0	-1.0	7.0	-1.0	66.0
B395	106	GEO_Eqn_6.12b_nls02	4837.5	-5.0	288.0	-1.0	7.0	-1.0	-14.0
B395	106	GEO_Eqn_6.12b_nls02	4837.5	-37.0	503.0	-2.0	6.0	1.0	-68.0
B395	106	GEO_Eqn_6.12b_nls02	5118.75	-37.0	509.0	-2.0	6.0	1.0	-210.0
B395	106	GEO_Eqn_6.12b_nls02	5400	-37.0	515.0	-2.0	6.0	1.0	-354.0
B395	106	GEO_Eqn_6.12b_nls02	5400	-2.0	-252.0	1.0	7.0	1.0	-381.0
B395	106	GEO_Eqn_6.12b_nls02	5760	-2.0	-244.0	1.0	7.0	0.4	-291.0
B395	106	GEO_Eqn_6.12b_nls02	6120	-2.0	-236.0	1.0	7.0	0.1	-205.0
B395	106	GEO_Eqn_6.12b_nls02	6480	-2.0	-228.0	1.0	7.0	-0.1	-121.0
B395	106	GEO_Eqn_6.12b_nls02	6480	-1.0	-134.0	-0.1	12.0	-0.2	-121.0
B395	106	GEO_Eqn_6.12b_nls02	6840	-1.0	-126.0	-0.1	12.0	-0.2	-74.0
B395	106	GEO_Eqn_6.12b_nls02	7200	-1.0	-117.0	-0.1	12.0	-0.1	-30.0
B395	106	GEO_Eqn_6.12b_nls02	7560	-1.0	-109.0	-0.1	12.0	-0.1	11.0
B395	106	GEO_Eqn_6.12b_nls02	7560	-0.1	-17.0	0.0	17.0	-0.1	11.0
B395	106	GEO_Eqn_6.12b_nls02	7920	-0.1	-9.0	0.0	17.0	-0.1	16.0
B395	106	GEO_Eqn_6.12b_nls02	8280	-0.1	-1.0	0.0	17.0	-0.1	17.0
B395	106	GEO_Eqn_6.12b_nls02	8640	-0.1	8.0	0.0	17.0	-0.1	16.0
B395	106	GEO_Eqn_6.12b_nls02	8640	1.0	100.0	0.1	21.0	-0.2	16.0
B395	106	GEO_Eqn_6.12b_nls02	9000	1.0	108.0	0.1	21.0	-0.2	-21.0
B395	106	GEO_Eqn_6.12b_nls02	9360	1.0	116.0	0.1	21.0	-0.2	-62.0
B395	106	GEO_Eqn_6.12b_nls02	9720	1.0	124.0	0.1	21.0	-0.3	-105.0
B395	106	GEO_Eqn_6.12b_nls02	9720	2.0	218.0	-1.0	25.0	-0.4	-105.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls02	10080	2.0	226.0	-1.0	25.0	0.0	-185.0
B395	106	GEO_Eqn_6.12b_nls02	10440	2.0	234.0	-1.0	25.0	0.4	-268.0
B395	106	GEO_Eqn_6.12b_nls02	10800	2.0	242.0	-1.0	25.0	1.0	-354.0
B395	106	GEO_Eqn_6.12b_nls02	10800	-74.0	-569.0	2.0	23.0	2.0	-328.0
B395	106	GEO_Eqn_6.12b_nls02	11100	-74.0	-563.0	2.0	23.0	2.0	-158.0
B395	106	GEO_Eqn_6.12b_nls02	11400	-74.0	-556.0	2.0	23.0	1.0	10.0
B395	106	GEO_Eqn_6.12b_nls02	11400	-16.0	-196.0	1.0	22.0	-0.2	70.0
B395	106	GEO_Eqn_6.12b_nls02	11880	-16.0	-185.0	1.0	22.0	-1.0	161.0
B395	106	GEO_Eqn_6.12b_nls02	11880	3.0	-17.0	0.0	20.0	-1.0	214.0
B395	106	GEO_Eqn_6.12b_nls02	12000	3.0	-14.0	0.0	20.0	-1.0	216.0
B395	106	GEO_Eqn_6.12b_nls02	12000	47.0	-58.0	-0.1	18.0	-1.0	207.0
B395	106	GEO_Eqn_6.12b_nls02	12300	47.0	-51.0	-0.1	18.0	-1.0	224.0
B395	106	GEO_Eqn_6.12b_nls02	12600	47.0	-44.0	-0.1	18.0	-1.0	238.0
B395	106	GEO_Eqn_6.12b_nls02	12600	66.0	-15.0	-0.2	18.0	-0.4	242.0
B395	106	GEO_Eqn_6.12b_nls02	12960	66.0	-7.0	-0.2	18.0	-0.3	246.0
B395	106	GEO_Eqn_6.12b_nls02	12960	70.0	9.0	0.0	15.0	-0.1	244.0
B395	106	GEO_Eqn_6.12b_nls02	13200	70.0	14.0	0.0	15.0	-0.1	241.0
B395	106	GEO_Eqn_6.12b_nls02	13200	72.0	12.0	-0.2	14.0	0.0	234.0
B395	106	GEO_Eqn_6.12b_nls02	13500	72.0	19.0	-0.2	14.0	0.0	229.0
B395	106	GEO_Eqn_6.12b_nls02	13800	72.0	26.0	-0.2	14.0	0.1	222.0
B395	106	GEO_Eqn_6.12b_nls02	13800	52.0	-12.0	-0.1	12.0	0.2	228.0
B395	106	GEO_Eqn_6.12b_nls02	14040	52.0	-6.0	-0.1	12.0	0.3	230.0
B395	106	GEO_Eqn_6.12b_nls02	14040	48.0	5.0	0.4	9.0	-0.1	231.0
B395	106	GEO_Eqn_6.12b_nls02	14400	48.0	13.0	0.4	9.0	-0.3	228.0
B395	106	GEO_Eqn_6.12b_nls02	14400	16.0	-48.0	1.0	8.0	-1.0	229.0
B395	106	GEO_Eqn_6.12b_nls02	14700	16.0	-42.0	1.0	8.0	-1.0	243.0
B395	106	GEO_Eqn_6.12b_nls02	15000	16.0	-35.0	1.0	8.0	-1.0	254.0
B395	106	GEO_Eqn_6.12b_nls02	15000	-33.0	-7.0	0.0	5.0	-2.0	261.0
B395	106	GEO_Eqn_6.12b_nls02	15120	-33.0	-5.0	0.0	5.0	-2.0	262.0
B395	106	GEO_Eqn_6.12b_nls02	15120	-54.0	-40.0	-1.0	-1.0	-2.0	277.0
B395	106	GEO_Eqn_6.12b_nls02	15600	-54.0	-30.0	-1.0	-1.0	-1.0	294.0
B395	106	GEO_Eqn_6.12b_nls02	15600	-117.0	2.0	-4.0	-2.0	1.0	303.0
B395	106	GEO_Eqn_6.12b_nls02	15900	-117.0	9.0	-4.0	-2.0	3.0	301.0
B395	106	GEO_Eqn_6.12b_nls02	16200	-117.0	16.0	-4.0	-2.0	4.0	298.0
B395	106	GEO_Eqn_6.12b_nls03	0	-103.0	-299.0	-7.0	-46.0	-9.0	36.0
B395	106	GEO_Eqn_6.12b_nls03	262.5	-103.0	-294.0	-7.0	-46.0	-7.0	114.0
B395	106	GEO_Eqn_6.12b_nls03	525	-103.0	-288.0	-7.0	-46.0	-5.0	190.0
B395	106	GEO_Eqn_6.12b_nls03	525	-61.0	-95.0	-5.0	-45.0	3.0	217.0
B395	106	GEO_Eqn_6.12b_nls03	787.5	-61.0	-89.0	-5.0	-45.0	4.0	241.0
B395	106	GEO_Eqn_6.12b_nls03	1050	-61.0	-83.0	-5.0	-45.0	5.0	264.0
B395	106	GEO_Eqn_6.12b_nls03	1050	-5.0	-16.0	2.0	-28.0	6.0	260.0
B395	106	GEO_Eqn_6.12b_nls03	1312.5	-5.0	-10.0	2.0	-28.0	6.0	264.0
B395	106	GEO_Eqn_6.12b_nls03	1575	-5.0	-4.0	2.0	-28.0	5.0	266.0
B395	106	GEO_Eqn_6.12b_nls03	1575	33.0	-30.0	2.0	-28.0	2.0	265.0
B395	106	GEO_Eqn_6.12b_nls03	1837.5	33.0	-24.0	2.0	-28.0	2.0	272.0
B395	106	GEO_Eqn_6.12b_nls03	2100	33.0	-18.0	2.0	-28.0	1.0	278.0
B395	106	GEO_Eqn_6.12b_nls03	2100	63.0	-16.0	2.0	-19.0	0.1	277.0
B395	106	GEO_Eqn_6.12b_nls03	2362.5	63.0	-11.0	2.0	-19.0	-0.4	281.0
B395	106	GEO_Eqn_6.12b_nls03	2625	63.0	-5.0	2.0	-19.0	-1.0	283.0
B395	106	GEO_Eqn_6.12b_nls03	2625	73.0	-54.0	2.0	-19.0	-3.0	287.0
B395	106	GEO_Eqn_6.12b_nls03	2887.5	73.0	-48.0	2.0	-19.0	-4.0	300.0
B395	106	GEO_Eqn_6.12b_nls03	3150	73.0	-42.0	2.0	-19.0	-5.0	312.0
B395	106	GEO_Eqn_6.12b_nls03	3150	92.0	-10.0	-1.0	-13.0	-1.0	317.0
B395	106	GEO_Eqn_6.12b_nls03	3431.25	92.0	-3.0	-1.0	-13.0	-1.0	319.0
B395	106	GEO_Eqn_6.12b_nls03	3712.5	92.0	3.0	-1.0	-13.0	-0.4	319.0
B395	106	GEO_Eqn_6.12b_nls03	3712.5	57.0	19.0	-1.0	-12.0	0.4	320.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls03	3993.75	57.0	25.0	-1.0	-12.0	1.0	314.0
B395	106	GEO_Eqn_6.12b_nls03	4275	57.0	32.0	-1.0	-12.0	1.0	306.0
B395	106	GEO_Eqn_6.12b_nls03	4275	-35.0	238.0	1.0	-7.0	1.0	306.0
B395	106	GEO_Eqn_6.12b_nls03	4556.25	-35.0	245.0	1.0	-7.0	1.0	238.0
B395	106	GEO_Eqn_6.12b_nls03	4837.5	-35.0	251.0	1.0	-7.0	1.0	168.0
B395	106	GEO_Eqn_6.12b_nls03	4837.5	-113.0	581.0	1.0	-6.0	-0.4	115.0
B395	106	GEO_Eqn_6.12b_nls03	5118.75	-113.0	588.0	1.0	-6.0	-1.0	-50.0
B395	106	GEO_Eqn_6.12b_nls03	5400	-113.0	594.0	1.0	-6.0	-1.0	-216.0
B395	106	GEO_Eqn_6.12b_nls03	5400	4.0	-178.0	0.4	-6.0	0.2	-245.0
B395	106	GEO_Eqn_6.12b_nls03	5760	4.0	-170.0	0.4	-6.0	0.1	-182.0
B395	106	GEO_Eqn_6.12b_nls03	6120	4.0	-162.0	0.4	-6.0	-0.1	-123.0
B395	106	GEO_Eqn_6.12b_nls03	6480	4.0	-154.0	0.4	-6.0	-0.2	-66.0
B395	106	GEO_Eqn_6.12b_nls03	6480	1.0	-64.0	0.1	-11.0	-0.1	-66.0
B395	106	GEO_Eqn_6.12b_nls03	6840	1.0	-56.0	0.1	-11.0	-0.1	-44.0
B395	106	GEO_Eqn_6.12b_nls03	7200	1.0	-48.0	0.1	-11.0	-0.1	-25.0
B395	106	GEO_Eqn_6.12b_nls03	7560	1.0	-40.0	0.1	-11.0	-0.2	-10.0
B395	106	GEO_Eqn_6.12b_nls03	7560	-0.1	49.0	0.0	-15.0	0.0	-10.0
B395	106	GEO_Eqn_6.12b_nls03	7920	-0.1	57.0	0.0	-15.0	0.0	-29.0
B395	106	GEO_Eqn_6.12b_nls03	8280	-0.1	65.0	0.0	-15.0	0.0	-51.0
B395	106	GEO_Eqn_6.12b_nls03	8640	-0.1	73.0	0.0	-15.0	0.0	-75.0
B395	106	GEO_Eqn_6.12b_nls03	8640	-1.0	162.0	-0.1	-19.0	0.1	-76.0
B395	106	GEO_Eqn_6.12b_nls03	9000	-1.0	170.0	-0.1	-19.0	0.1	-136.0
B395	106	GEO_Eqn_6.12b_nls03	9360	-1.0	178.0	-0.1	-19.0	0.2	-198.0
B395	106	GEO_Eqn_6.12b_nls03	9720	-1.0	186.0	-0.1	-19.0	0.2	-264.0
B395	106	GEO_Eqn_6.12b_nls03	9720	-3.0	278.0	1.0	-23.0	0.5	-265.0
B395	106	GEO_Eqn_6.12b_nls03	10080	-3.0	286.0	1.0	-23.0	0.1	-366.0
B395	106	GEO_Eqn_6.12b_nls03	10440	-3.0	294.0	1.0	-23.0	-0.2	-471.0
B395	106	GEO_Eqn_6.12b_nls03	10800	-3.0	302.0	1.0	-23.0	-1.0	-578.0
B395	106	GEO_Eqn_6.12b_nls03	10800	-55.0	-692.0	-2.0	-21.0	-2.0	-545.0
B395	106	GEO_Eqn_6.12b_nls03	11100	-55.0	-685.0	-2.0	-21.0	-2.0	-338.0
B395	106	GEO_Eqn_6.12b_nls03	11400	-55.0	-678.0	-2.0	-21.0	-1.0	-133.0
B395	106	GEO_Eqn_6.12b_nls03	11400	-3.0	-271.0	-1.0	-20.0	0.2	-54.0
B395	106	GEO_Eqn_6.12b_nls03	11880	-3.0	-261.0	-1.0	-20.0	1.0	74.0
B395	106	GEO_Eqn_6.12b_nls03	11880	12.0	-25.0	0.0	-18.0	1.0	152.0
B395	106	GEO_Eqn_6.12b_nls03	12000	12.0	-22.0	0.0	-18.0	1.0	155.0
B395	106	GEO_Eqn_6.12b_nls03	12000	55.0	-127.0	0.2	-16.0	1.0	148.0
B395	106	GEO_Eqn_6.12b_nls03	12300	55.0	-120.0	0.2	-16.0	1.0	185.0
B395	106	GEO_Eqn_6.12b_nls03	12600	55.0	-113.0	0.2	-16.0	1.0	220.0
B395	106	GEO_Eqn_6.12b_nls03	12600	75.0	-31.0	0.2	-15.0	0.4	231.0
B395	106	GEO_Eqn_6.12b_nls03	12960	75.0	-23.0	0.2	-15.0	0.3	241.0
B395	106	GEO_Eqn_6.12b_nls03	12960	78.0	-0.1	0.0	-11.0	0.0	247.0
B395	106	GEO_Eqn_6.12b_nls03	13200	78.0	5.0	0.0	-11.0	0.0	247.0
B395	106	GEO_Eqn_6.12b_nls03	13200	79.0	12.0	0.2	-10.0	0.0	242.0
B395	106	GEO_Eqn_6.12b_nls03	13500	79.0	19.0	0.2	-10.0	-0.1	237.0
B395	106	GEO_Eqn_6.12b_nls03	13800	79.0	26.0	0.2	-10.0	-0.2	231.0
B395	106	GEO_Eqn_6.12b_nls03	13800	55.0	-2.0	0.1	-8.0	-0.4	234.0
B395	106	GEO_Eqn_6.12b_nls03	14040	55.0	3.0	0.1	-8.0	-0.4	234.0
B395	106	GEO_Eqn_6.12b_nls03	14040	48.0	23.0	-0.5	-4.0	0.1	225.0
B395	106	GEO_Eqn_6.12b_nls03	14400	48.0	31.0	-0.5	-4.0	0.2	215.0
B395	106	GEO_Eqn_6.12b_nls03	14400	7.0	36.0	-1.0	-3.0	1.0	209.0
B395	106	GEO_Eqn_6.12b_nls03	14700	7.0	43.0	-1.0	-3.0	1.0	197.0
B395	106	GEO_Eqn_6.12b_nls03	15000	7.0	49.0	-1.0	-3.0	2.0	183.0
B395	106	GEO_Eqn_6.12b_nls03	15000	-54.0	3.0	0.0	1.0	2.0	189.0
B395	106	GEO_Eqn_6.12b_nls03	15120	-54.0	6.0	0.0	1.0	2.0	188.0
B395	106	GEO_Eqn_6.12b_nls03	15120	-71.0	57.0	2.0	7.0	2.0	171.0
B395	106	GEO_Eqn_6.12b_nls03	15600	-71.0	68.0	2.0	7.0	2.0	141.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls03	15600	-145.0	163.0	4.0	9.0	-2.0	126.0
B395	106	GEO_Eqn_6.12b_nls03	15900	-145.0	170.0	4.0	9.0	-3.0	76.0
B395	106	GEO_Eqn_6.12b_nls03	16200	-145.0	176.0	4.0	9.0	-4.0	25.0
B395	106	GEO_Eqn_6.12b_nls04	0	-97.0	-498.0	-12.0	-84.0	-15.0	91.0
B395	106	GEO_Eqn_6.12b_nls04	262.5	-97.0	-492.0	-12.0	-84.0	-12.0	221.0
B395	106	GEO_Eqn_6.12b_nls04	525	-97.0	-486.0	-12.0	-84.0	-9.0	349.0
B395	106	GEO_Eqn_6.12b_nls04	525	-50.0	-112.0	-9.0	-83.0	5.0	392.0
B395	106	GEO_Eqn_6.12b_nls04	787.5	-50.0	-106.0	-9.0	-83.0	7.0	421.0
B395	106	GEO_Eqn_6.12b_nls04	1050	-50.0	-100.0	-9.0	-83.0	9.0	448.0
B395	106	GEO_Eqn_6.12b_nls04	1050	6.0	48.0	3.0	-57.0	10.0	438.0
B395	106	GEO_Eqn_6.12b_nls04	1312.5	6.0	54.0	3.0	-57.0	9.0	424.0
B395	106	GEO_Eqn_6.12b_nls04	1575	6.0	60.0	3.0	-57.0	9.0	410.0
B395	106	GEO_Eqn_6.12b_nls04	1575	38.0	64.0	3.0	-56.0	4.0	397.0
B395	106	GEO_Eqn_6.12b_nls04	1837.5	38.0	70.0	3.0	-56.0	4.0	379.0
B395	106	GEO_Eqn_6.12b_nls04	2100	38.0	76.0	3.0	-56.0	3.0	360.0
B395	106	GEO_Eqn_6.12b_nls04	2100	54.0	97.0	3.0	-43.0	0.2	350.0
B395	106	GEO_Eqn_6.12b_nls04	2362.5	54.0	103.0	3.0	-43.0	-1.0	324.0
B395	106	GEO_Eqn_6.12b_nls04	2625	54.0	109.0	3.0	-43.0	-2.0	296.0
B395	106	GEO_Eqn_6.12b_nls04	2625	49.0	78.0	4.0	-43.0	-6.0	282.0
B395	106	GEO_Eqn_6.12b_nls04	2887.5	49.0	84.0	4.0	-43.0	-7.0	260.0
B395	106	GEO_Eqn_6.12b_nls04	3150	49.0	90.0	4.0	-43.0	-8.0	238.0
B395	106	GEO_Eqn_6.12b_nls04	3150	72.0	156.0	-2.0	-34.0	-2.0	230.0
B395	106	GEO_Eqn_6.12b_nls04	3431.25	72.0	162.0	-2.0	-34.0	-1.0	186.0
B395	106	GEO_Eqn_6.12b_nls04	3712.5	72.0	168.0	-2.0	-34.0	-1.0	139.0
B395	106	GEO_Eqn_6.12b_nls04	3712.5	32.0	214.0	-1.0	-33.0	1.0	115.0
B395	106	GEO_Eqn_6.12b_nls04	3993.75	32.0	221.0	-1.0	-33.0	1.0	53.0
B395	106	GEO_Eqn_6.12b_nls04	4275	32.0	227.0	-1.0	-33.0	2.0	-10.0
B395	106	GEO_Eqn_6.12b_nls04	4275	-32.0	442.0	1.0	-25.0	2.0	-31.0
B395	106	GEO_Eqn_6.12b_nls04	4556.25	-32.0	448.0	1.0	-25.0	1.0	-156.0
B395	106	GEO_Eqn_6.12b_nls04	4837.5	-32.0	455.0	1.0	-25.0	1.0	-284.0
B395	106	GEO_Eqn_6.12b_nls04	4837.5	-72.0	681.0	2.0	-25.0	-1.0	-363.0
B395	106	GEO_Eqn_6.12b_nls04	5118.75	-72.0	687.0	2.0	-25.0	-1.0	-555.0
B395	106	GEO_Eqn_6.12b_nls04	5400	-72.0	693.0	2.0	-25.0	-2.0	-749.0
B395	106	GEO_Eqn_6.12b_nls04	5400	-6.0	-373.0	0.0	-26.0	0.2	-787.0
B395	106	GEO_Eqn_6.12b_nls04	5760	-6.0	-365.0	0.0	-26.0	0.2	-654.0
B395	106	GEO_Eqn_6.12b_nls04	6120	-6.0	-357.0	0.0	-26.0	0.2	-524.0
B395	106	GEO_Eqn_6.12b_nls04	6480	-6.0	-349.0	0.0	-26.0	0.2	-397.0
B395	106	GEO_Eqn_6.12b_nls04	6480	-2.0	-258.0	-0.1	-32.0	-0.1	-396.0
B395	106	GEO_Eqn_6.12b_nls04	6840	-2.0	-250.0	-0.1	-32.0	-0.1	-304.0
B395	106	GEO_Eqn_6.12b_nls04	7200	-2.0	-242.0	-0.1	-32.0	0.0	-216.0
B395	106	GEO_Eqn_6.12b_nls04	7560	-2.0	-234.0	-0.1	-32.0	0.0	-130.0
B395	106	GEO_Eqn_6.12b_nls04	7560	0.1	-146.0	-0.1	-37.0	-0.1	-129.0
B395	106	GEO_Eqn_6.12b_nls04	7920	0.0	-137.0	-0.1	-37.0	-0.1	-78.0
B395	106	GEO_Eqn_6.12b_nls04	8280	0.0	-129.0	-0.1	-37.0	-0.1	-30.0
B395	106	GEO_Eqn_6.12b_nls04	8640	0.0	-121.0	-0.1	-37.0	0.0	15.0
B395	106	GEO_Eqn_6.12b_nls04	8640	3.0	-33.0	-0.1	-42.0	-0.3	15.0
B395	106	GEO_Eqn_6.12b_nls04	9000	3.0	-25.0	-0.1	-42.0	-0.2	26.0
B395	106	GEO_Eqn_6.12b_nls04	9360	3.0	-17.0	-0.1	-42.0	-0.2	34.0
B395	106	GEO_Eqn_6.12b_nls04	9720	3.0	-9.0	-0.1	-42.0	-0.1	38.0
B395	106	GEO_Eqn_6.12b_nls04	9720	6.0	80.0	-1.0	-46.0	-0.3	39.0
B395	106	GEO_Eqn_6.12b_nls04	10080	6.0	88.0	-1.0	-46.0	0.0	8.0
B395	106	GEO_Eqn_6.12b_nls04	10440	6.0	96.0	-1.0	-46.0	0.3	-25.0
B395	106	GEO_Eqn_6.12b_nls04	10800	6.0	104.0	-1.0	-46.0	1.0	-61.0
B395	106	GEO_Eqn_6.12b_nls04	10800	-127.0	-652.0	-1.0	-43.0	-1.0	-34.0
B395	106	GEO_Eqn_6.12b_nls04	11100	-127.0	-645.0	-1.0	-43.0	-1.0	160.0
B395	106	GEO_Eqn_6.12b_nls04	11400	-127.0	-638.0	-1.0	-43.0	-0.3	353.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls04	11400	-20.0	-136.0	-0.2	-42.0	0.2	405.0
B395	106	GEO_Eqn_6.12b_nls04	11880	-20.0	-125.0	-0.2	-42.0	0.3	468.0
B395	106	GEO_Eqn_6.12b_nls04	11880	11.0	-10.0	0.0	-39.0	0.1	498.0
B395	106	GEO_Eqn_6.12b_nls04	12000	11.0	-7.0	0.0	-39.0	0.1	499.0
B395	106	GEO_Eqn_6.12b_nls04	12000	80.0	65.0	-0.1	-37.0	0.1	484.0
B395	106	GEO_Eqn_6.12b_nls04	12300	80.0	72.0	-0.1	-37.0	0.2	463.0
B395	106	GEO_Eqn_6.12b_nls04	12600	80.0	78.0	-0.1	-37.0	0.2	441.0
B395	106	GEO_Eqn_6.12b_nls04	12600	102.0	42.0	0.1	-36.0	0.1	426.0
B395	106	GEO_Eqn_6.12b_nls04	12960	102.0	50.0	0.1	-36.0	0.1	410.0
B395	106	GEO_Eqn_6.12b_nls04	12960	105.0	39.0	-0.1	-33.0	-0.2	375.0
B395	106	GEO_Eqn_6.12b_nls04	13200	105.0	44.0	-0.1	-33.0	-0.1	365.0
B395	106	GEO_Eqn_6.12b_nls04	13200	99.0	131.0	0.0	-31.0	-0.1	345.0
B395	106	GEO_Eqn_6.12b_nls04	13500	99.0	138.0	0.0	-31.0	-0.1	304.0
B395	106	GEO_Eqn_6.12b_nls04	13800	99.0	145.0	0.0	-31.0	-0.1	262.0
B395	106	GEO_Eqn_6.12b_nls04	13800	63.0	21.0	0.1	-30.0	-0.2	254.0
B395	106	GEO_Eqn_6.12b_nls04	14040	63.0	27.0	0.1	-30.0	-0.2	248.0
B395	106	GEO_Eqn_6.12b_nls04	14040	54.0	66.0	-0.3	-26.0	-0.1	215.0
B395	106	GEO_Eqn_6.12b_nls04	14400	54.0	74.0	-0.3	-26.0	0.0	190.0
B395	106	GEO_Eqn_6.12b_nls04	14400	4.0	110.0	-1.0	-25.0	1.0	171.0
B395	106	GEO_Eqn_6.12b_nls04	14700	4.0	117.0	-1.0	-25.0	1.0	137.0
B395	106	GEO_Eqn_6.12b_nls04	15000	4.0	124.0	-1.0	-25.0	1.0	101.0
B395	106	GEO_Eqn_6.12b_nls04	15000	-55.0	8.0	0.0	-23.0	1.0	103.0
B395	106	GEO_Eqn_6.12b_nls04	15120	-55.0	10.0	0.0	-23.0	1.0	102.0
B395	106	GEO_Eqn_6.12b_nls04	15120	-72.0	95.0	1.0	-18.0	2.0	72.0
B395	106	GEO_Eqn_6.12b_nls04	15600	-72.0	106.0	1.0	-18.0	1.0	23.0
B395	106	GEO_Eqn_6.12b_nls04	15600	-136.0	175.0	3.0	-17.0	-1.0	1.0
B395	106	GEO_Eqn_6.12b_nls04	15900	-136.0	181.0	3.0	-17.0	-2.0	-52.0
B395	106	GEO_Eqn_6.12b_nls04	16200	-136.0	188.0	3.0	-17.0	-2.0	-108.0
B395	106	GEO_Eqn_6.12b_nls05	0	-234.0	-81.0	7.0	57.0	8.0	20.0
B395	106	GEO_Eqn_6.12b_nls05	262.5	-234.0	-75.0	7.0	57.0	6.0	40.0
B395	106	GEO_Eqn_6.12b_nls05	525	-234.0	-69.0	7.0	57.0	5.0	59.0
B395	106	GEO_Eqn_6.12b_nls05	525	-141.0	-83.0	4.0	56.0	-3.0	65.0
B395	106	GEO_Eqn_6.12b_nls05	787.5	-141.0	-77.0	4.0	56.0	-4.0	86.0
B395	106	GEO_Eqn_6.12b_nls05	1050	-141.0	-71.0	4.0	56.0	-5.0	106.0
B395	106	GEO_Eqn_6.12b_nls05	1050	-13.0	-63.0	-1.0	37.0	-5.0	107.0
B395	106	GEO_Eqn_6.12b_nls05	1312.5	-13.0	-57.0	-1.0	37.0	-4.0	122.0
B395	106	GEO_Eqn_6.12b_nls05	1575	-13.0	-51.0	-1.0	37.0	-4.0	137.0
B395	106	GEO_Eqn_6.12b_nls05	1575	59.0	-85.0	-1.0	36.0	-3.0	143.0
B395	106	GEO_Eqn_6.12b_nls05	1837.5	59.0	-79.0	-1.0	36.0	-2.0	164.0
B395	106	GEO_Eqn_6.12b_nls05	2100	59.0	-73.0	-1.0	36.0	-2.0	184.0
B395	106	GEO_Eqn_6.12b_nls05	2100	142.0	-54.0	-2.0	27.0	-1.0	186.0
B395	106	GEO_Eqn_6.12b_nls05	2362.5	142.0	-48.0	-2.0	27.0	-0.2	200.0
B395	106	GEO_Eqn_6.12b_nls05	2625	142.0	-42.0	-2.0	27.0	0.4	212.0
B395	106	GEO_Eqn_6.12b_nls05	2625	187.0	-77.0	-3.0	27.0	3.0	218.0
B395	106	GEO_Eqn_6.12b_nls05	2887.5	187.0	-72.0	-3.0	27.0	4.0	238.0
B395	106	GEO_Eqn_6.12b_nls05	3150	187.0	-66.0	-3.0	27.0	5.0	256.0
B395	106	GEO_Eqn_6.12b_nls05	3150	26.0	-18.0	2.0	20.0	2.0	259.0
B395	106	GEO_Eqn_6.12b_nls05	3431.25	26.0	-11.0	2.0	20.0	1.0	263.0
B395	106	GEO_Eqn_6.12b_nls05	3712.5	26.0	-5.0	2.0	20.0	1.0	266.0
B395	106	GEO_Eqn_6.12b_nls05	3712.5	29.0	8.0	1.0	19.0	-1.0	266.0
B395	106	GEO_Eqn_6.12b_nls05	3993.75	29.0	14.0	1.0	19.0	-1.0	263.0
B395	106	GEO_Eqn_6.12b_nls05	4275	29.0	20.0	1.0	19.0	-2.0	258.0
B395	106	GEO_Eqn_6.12b_nls05	4275	-5.0	199.0	-1.0	13.0	-2.0	255.0
B395	106	GEO_Eqn_6.12b_nls05	4556.25	-5.0	205.0	-1.0	13.0	-1.0	198.0
B395	106	GEO_Eqn_6.12b_nls05	4837.5	-5.0	212.0	-1.0	13.0	-1.0	140.0
B395	106	GEO_Eqn_6.12b_nls05	4837.5	-50.0	454.0	-2.0	12.0	1.0	96.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls05	5118.75	-50.0	460.0	-2.0	12.0	1.0	-33.0
B395	106	GEO_Eqn_6.12b_nls05	5400	-50.0	467.0	-2.0	12.0	2.0	-163.0
B395	106	GEO_Eqn_6.12b_nls05	5400	2.0	-183.0	1.0	13.0	1.0	-186.0
B395	106	GEO_Eqn_6.12b_nls05	5760	2.0	-175.0	1.0	13.0	0.3	-122.0
B395	106	GEO_Eqn_6.12b_nls05	6120	2.0	-167.0	1.0	13.0	0.0	-61.0
B395	106	GEO_Eqn_6.12b_nls05	6480	2.0	-159.0	1.0	13.0	-0.4	-2.0
B395	106	GEO_Eqn_6.12b_nls05	6480	1.0	-64.0	0.0	19.0	-0.2	-2.0
B395	106	GEO_Eqn_6.12b_nls05	6840	1.0	-56.0	0.0	19.0	-0.2	20.0
B395	106	GEO_Eqn_6.12b_nls05	7200	1.0	-48.0	0.0	19.0	-0.2	39.0
B395	106	GEO_Eqn_6.12b_nls05	7560	1.0	-40.0	-0.1	19.0	-0.1	55.0
B395	106	GEO_Eqn_6.12b_nls05	7560	-0.1	53.0	0.0	24.0	0.0	55.0
B395	106	GEO_Eqn_6.12b_nls05	7920	-0.1	61.0	0.0	24.0	0.0	34.0
B395	106	GEO_Eqn_6.12b_nls05	8280	-0.1	69.0	0.0	24.0	0.0	11.0
B395	106	GEO_Eqn_6.12b_nls05	8640	-0.1	77.0	0.0	24.0	0.0	-15.0
B395	106	GEO_Eqn_6.12b_nls05	8640	-1.0	170.0	0.1	28.0	0.0	-16.0
B395	106	GEO_Eqn_6.12b_nls05	9000	-1.0	178.0	0.1	28.0	0.0	-78.0
B395	106	GEO_Eqn_6.12b_nls05	9360	-1.0	186.0	0.1	28.0	-0.1	-144.0
B395	106	GEO_Eqn_6.12b_nls05	9720	-1.0	194.0	0.1	28.0	-0.1	-212.0
B395	106	GEO_Eqn_6.12b_nls05	9720	-2.0	288.0	-0.3	32.0	0.0	-213.0
B395	106	GEO_Eqn_6.12b_nls05	10080	-2.0	296.0	-0.3	32.0	0.1	-318.0
B395	106	GEO_Eqn_6.12b_nls05	10440	-2.0	305.0	-0.3	32.0	0.2	-426.0
B395	106	GEO_Eqn_6.12b_nls05	10800	-2.0	313.0	-0.3	32.0	0.3	-537.0
B395	106	GEO_Eqn_6.12b_nls05	10800	-47.0	-594.0	1.0	29.0	1.0	-508.0
B395	106	GEO_Eqn_6.12b_nls05	11100	-47.0	-587.0	1.0	29.0	1.0	-331.0
B395	106	GEO_Eqn_6.12b_nls05	11400	-47.0	-581.0	1.0	29.0	1.0	-156.0
B395	106	GEO_Eqn_6.12b_nls05	11400	-7.0	-246.0	0.4	29.0	-0.2	-86.0
B395	106	GEO_Eqn_6.12b_nls05	11880	-7.0	-235.0	0.4	29.0	-0.4	30.0
B395	106	GEO_Eqn_6.12b_nls05	11880	6.0	-22.0	0.0	26.0	-0.3	100.0
B395	106	GEO_Eqn_6.12b_nls05	12000	6.0	-19.0	0.0	26.0	-0.3	103.0
B395	106	GEO_Eqn_6.12b_nls05	12000	41.0	-125.0	0.0	25.0	-0.3	97.0
B395	106	GEO_Eqn_6.12b_nls05	12300	41.0	-118.0	0.0	25.0	-0.3	133.0
B395	106	GEO_Eqn_6.12b_nls05	12600	41.0	-111.0	0.0	25.0	-0.3	168.0
B395	106	GEO_Eqn_6.12b_nls05	12600	59.0	-40.0	-0.1	24.0	-0.2	181.0
B395	106	GEO_Eqn_6.12b_nls05	12960	59.0	-32.0	-0.1	24.0	-0.2	194.0
B395	106	GEO_Eqn_6.12b_nls05	12960	63.0	-5.0	0.1	21.0	0.0	205.0
B395	106	GEO_Eqn_6.12b_nls05	13200	63.0	1.0	0.0	21.0	0.0	206.0
B395	106	GEO_Eqn_6.12b_nls05	13200	67.0	-28.0	-0.1	20.0	0.0	204.0
B395	106	GEO_Eqn_6.12b_nls05	13500	67.0	-21.0	-0.1	20.0	0.0	211.0
B395	106	GEO_Eqn_6.12b_nls05	13800	67.0	-14.0	-0.1	20.0	0.0	216.0
B395	106	GEO_Eqn_6.12b_nls05	13800	49.0	-19.0	-0.1	19.0	0.1	225.0
B395	106	GEO_Eqn_6.12b_nls05	14040	49.0	-14.0	-0.1	19.0	0.1	229.0
B395	106	GEO_Eqn_6.12b_nls05	14040	45.0	-9.0	0.3	16.0	0.0	238.0
B395	106	GEO_Eqn_6.12b_nls05	14400	45.0	-0.4	0.3	16.0	-0.2	240.0
B395	106	GEO_Eqn_6.12b_nls05	14400	15.0	-72.0	0.5	15.0	-1.0	245.0
B395	106	GEO_Eqn_6.12b_nls05	14700	15.0	-65.0	0.5	15.0	-1.0	266.0
B395	106	GEO_Eqn_6.12b_nls05	15000	15.0	-58.0	0.5	15.0	-1.0	284.0
B395	106	GEO_Eqn_6.12b_nls05	15000	-37.0	-9.0	0.0	12.0	-1.0	292.0
B395	106	GEO_Eqn_6.12b_nls05	15120	-37.0	-6.0	0.0	12.0	-1.0	293.0
B395	106	GEO_Eqn_6.12b_nls05	15120	-58.0	-51.0	-1.0	8.0	-1.0	312.0
B395	106	GEO_Eqn_6.12b_nls05	15600	-58.0	-40.0	-1.0	8.0	-1.0	334.0
B395	106	GEO_Eqn_6.12b_nls05	15600	-126.0	5.0	-3.0	7.0	1.0	345.0
B395	106	GEO_Eqn_6.12b_nls05	15900	-126.0	12.0	-3.0	7.0	2.0	343.0
B395	106	GEO_Eqn_6.12b_nls05	16200	-126.0	19.0	-3.0	7.0	3.0	338.0
B395	106	GEO_Eqn_6.12b_nls06	0	-237.0	-252.0	2.0	24.0	2.0	72.0
B395	106	GEO_Eqn_6.12b_nls06	262.5	-237.0	-246.0	2.0	24.0	1.0	137.0
B395	106	GEO_Eqn_6.12b_nls06	525	-237.0	-240.0	2.0	24.0	1.0	201.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls06	525	-138.0	-93.0	0.4	24.0	-1.0	220.0
B395	106	GEO_Eqn_6.12b_nls06	787.5	-138.0	-87.0	0.4	24.0	-1.0	244.0
B395	106	GEO_Eqn_6.12b_nls06	1050	-138.0	-81.0	0.4	24.0	-1.0	266.0
B395	106	GEO_Eqn_6.12b_nls06	1050	-6.0	-2.0	0.2	13.0	-0.3	261.0
B395	106	GEO_Eqn_6.12b_nls06	1312.5	-6.0	4.0	0.2	13.0	-0.4	260.0
B395	106	GEO_Eqn_6.12b_nls06	1575	-6.0	10.0	0.2	13.0	-0.4	259.0
B395	106	GEO_Eqn_6.12b_nls06	1575	64.0	3.0	-0.1	12.0	-1.0	253.0
B395	106	GEO_Eqn_6.12b_nls06	1837.5	64.0	9.0	-0.1	12.0	-0.5	251.0
B395	106	GEO_Eqn_6.12b_nls06	2100	64.0	15.0	-0.1	12.0	-0.5	248.0
B395	106	GEO_Eqn_6.12b_nls06	2100	141.0	54.0	-1.0	7.0	-1.0	241.0
B395	106	GEO_Eqn_6.12b_nls06	2362.5	141.0	60.0	-1.0	7.0	-0.4	226.0
B395	106	GEO_Eqn_6.12b_nls06	2625	141.0	66.0	-1.0	7.0	-0.2	210.0
B395	106	GEO_Eqn_6.12b_nls06	2625	177.0	51.0	-1.0	7.0	1.0	198.0
B395	106	GEO_Eqn_6.12b_nls06	2887.5	177.0	57.0	-1.0	7.0	1.0	184.0
B395	106	GEO_Eqn_6.12b_nls06	3150	177.0	63.0	-1.0	7.0	1.0	168.0
B395	106	GEO_Eqn_6.12b_nls06	3150	-6.0	145.0	1.0	2.0	1.0	160.0
B395	106	GEO_Eqn_6.12b_nls06	3431.25	-6.0	152.0	1.0	2.0	1.0	118.0
B395	106	GEO_Eqn_6.12b_nls06	3712.5	-6.0	158.0	1.0	2.0	0.4	74.0
B395	106	GEO_Eqn_6.12b_nls06	3712.5	-0.4	201.0	1.0	2.0	-0.3	48.0
B395	106	GEO_Eqn_6.12b_nls06	3993.75	-0.4	207.0	0.5	2.0	-0.5	-9.0
B395	106	GEO_Eqn_6.12b_nls06	4275	-0.4	213.0	0.5	2.0	-1.0	-68.0
B395	106	GEO_Eqn_6.12b_nls06	4275	3.0	397.0	-1.0	-3.0	-1.0	-92.0
B395	106	GEO_Eqn_6.12b_nls06	4556.25	3.0	403.0	-1.0	-3.0	-1.0	-205.0
B395	106	GEO_Eqn_6.12b_nls06	4837.5	3.0	409.0	-1.0	-3.0	-1.0	-319.0
B395	106	GEO_Eqn_6.12b_nls06	4837.5	3.0	533.0	-1.0	-4.0	0.4	-388.0
B395	106	GEO_Eqn_6.12b_nls06	5118.75	3.0	540.0	-1.0	-4.0	1.0	-539.0
B395	106	GEO_Eqn_6.12b_nls06	5400	3.0	546.0	-1.0	-4.0	1.0	-691.0
B395	106	GEO_Eqn_6.12b_nls06	5400	-7.0	-379.0	0.4	-4.0	1.0	-722.0
B395	106	GEO_Eqn_6.12b_nls06	5760	-7.0	-371.0	0.4	-4.0	0.4	-587.0
B395	106	GEO_Eqn_6.12b_nls06	6120	-7.0	-362.0	0.4	-4.0	0.2	-455.0
B395	106	GEO_Eqn_6.12b_nls06	6480	-7.0	-354.0	0.4	-4.0	0.1	-326.0
B395	106	GEO_Eqn_6.12b_nls06	6480	-2.0	-259.0	-0.2	0.5	-0.2	-325.0
B395	106	GEO_Eqn_6.12b_nls06	6840	-3.0	-251.0	-0.2	0.5	-0.2	-233.0
B395	106	GEO_Eqn_6.12b_nls06	7200	-3.0	-243.0	-0.2	0.5	-0.1	-144.0
B395	106	GEO_Eqn_6.12b_nls06	7560	-3.0	-235.0	-0.2	0.5	0.0	-58.0
B395	106	GEO_Eqn_6.12b_nls06	7560	0.2	-142.0	0.0	5.0	-0.1	-57.0
B395	106	GEO_Eqn_6.12b_nls06	7920	0.2	-134.0	0.0	5.0	-0.1	-7.0
B395	106	GEO_Eqn_6.12b_nls06	8280	0.2	-126.0	0.0	5.0	-0.1	40.0
B395	106	GEO_Eqn_6.12b_nls06	8640	0.2	-118.0	0.0	5.0	-0.1	84.0
B395	106	GEO_Eqn_6.12b_nls06	8640	3.0	-26.0	0.1	9.0	-0.3	84.0
B395	106	GEO_Eqn_6.12b_nls06	9000	3.0	-18.0	0.1	9.0	-0.4	92.0
B395	106	GEO_Eqn_6.12b_nls06	9360	3.0	-10.0	0.1	9.0	-0.4	98.0
B395	106	GEO_Eqn_6.12b_nls06	9720	3.0	-2.0	0.1	9.0	-0.4	100.0
B395	106	GEO_Eqn_6.12b_nls06	9720	6.0	90.0	-2.0	13.0	-1.0	100.0
B395	106	GEO_Eqn_6.12b_nls06	10080	6.0	98.0	-2.0	13.0	-0.1	66.0
B395	106	GEO_Eqn_6.12b_nls06	10440	6.0	107.0	-2.0	13.0	1.0	29.0
B395	106	GEO_Eqn_6.12b_nls06	10800	6.0	115.0	-2.0	13.0	1.0	-11.0
B395	106	GEO_Eqn_6.12b_nls06	10800	-102.0	-548.0	2.0	11.0	3.0	11.0
B395	106	GEO_Eqn_6.12b_nls06	11100	-102.0	-541.0	2.0	11.0	2.0	175.0
B395	106	GEO_Eqn_6.12b_nls06	11400	-102.0	-535.0	2.0	11.0	1.0	336.0
B395	106	GEO_Eqn_6.12b_nls06	11400	-9.0	-109.0	1.0	10.0	-0.2	379.0
B395	106	GEO_Eqn_6.12b_nls06	11880	-9.0	-98.0	1.0	10.0	-1.0	428.0
B395	106	GEO_Eqn_6.12b_nls06	11880	18.0	-7.0	0.0	8.0	-1.0	451.0
B395	106	GEO_Eqn_6.12b_nls06	12000	18.0	-4.0	0.0	8.0	-1.0	451.0
B395	106	GEO_Eqn_6.12b_nls06	12000	78.0	67.0	-0.2	7.0	-1.0	437.0
B395	106	GEO_Eqn_6.12b_nls06	12300	78.0	74.0	-0.2	7.0	-1.0	416.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls06	12600	78.0	81.0	-0.2	7.0	-1.0	392.0
B395	106	GEO_Eqn_6.12b_nls06	12600	94.0	33.0	-0.3	6.0	-0.5	380.0
B395	106	GEO_Eqn_6.12b_nls06	12960	94.0	41.0	-0.3	6.0	-0.4	367.0
B395	106	GEO_Eqn_6.12b_nls06	12960	97.0	34.0	0.0	3.0	-0.2	337.0
B395	106	GEO_Eqn_6.12b_nls06	13200	97.0	40.0	0.0	3.0	-0.2	328.0
B395	106	GEO_Eqn_6.12b_nls06	13200	90.0	91.0	-0.3	2.0	-0.1	311.0
B395	106	GEO_Eqn_6.12b_nls06	13500	90.0	98.0	-0.3	2.0	0.0	283.0
B395	106	GEO_Eqn_6.12b_nls06	13800	90.0	105.0	-0.3	2.0	0.1	252.0
B395	106	GEO_Eqn_6.12b_nls06	13800	56.0	4.0	-0.1	0.3	0.3	251.0
B395	106	GEO_Eqn_6.12b_nls06	14040	56.0	9.0	-0.1	0.3	0.3	249.0
B395	106	GEO_Eqn_6.12b_nls06	14040	49.0	34.0	0.4	-3.0	-0.2	234.0
B395	106	GEO_Eqn_6.12b_nls06	14400	49.0	42.0	0.4	-3.0	-0.4	221.0
B395	106	GEO_Eqn_6.12b_nls06	14400	4.0	2.0	1.0	-4.0	-1.0	214.0
B395	106	GEO_Eqn_6.12b_nls06	14700	4.0	9.0	1.0	-4.0	-1.0	212.0
B395	106	GEO_Eqn_6.12b_nls06	15000	4.0	16.0	1.0	-4.0	-2.0	209.0
B395	106	GEO_Eqn_6.12b_nls06	15000	-53.0	-4.0	0.0	-8.0	-2.0	214.0
B395	106	GEO_Eqn_6.12b_nls06	15120	-53.0	-2.0	0.0	-8.0	-2.0	215.0
B395	106	GEO_Eqn_6.12b_nls06	15120	-76.0	-12.0	-2.0	-14.0	-2.0	220.0
B395	106	GEO_Eqn_6.12b_nls06	15600	-76.0	-1.0	-2.0	-14.0	-2.0	223.0
B395	106	GEO_Eqn_6.12b_nls06	15600	-142.0	20.0	-4.0	-15.0	2.0	228.0
B395	106	GEO_Eqn_6.12b_nls06	15900	-142.0	27.0	-4.0	-15.0	3.0	221.0
B395	106	GEO_Eqn_6.12b_nls06	16200	-142.0	33.0	-4.0	-15.0	4.0	212.0
B395	106	GEO_Eqn_6.12b_nls07	0	-109.0	-294.0	-7.0	-44.0	-9.0	32.0
B395	106	GEO_Eqn_6.12b_nls07	262.5	-109.0	-289.0	-7.0	-44.0	-7.0	109.0
B395	106	GEO_Eqn_6.12b_nls07	525	-109.0	-283.0	-7.0	-44.0	-5.0	184.0
B395	106	GEO_Eqn_6.12b_nls07	525	-67.0	-95.0	-5.0	-43.0	3.0	210.0
B395	106	GEO_Eqn_6.12b_nls07	787.5	-67.0	-90.0	-5.0	-43.0	4.0	235.0
B395	106	GEO_Eqn_6.12b_nls07	1050	-67.0	-84.0	-5.0	-43.0	6.0	257.0
B395	106	GEO_Eqn_6.12b_nls07	1050	-8.0	-22.0	2.0	-26.0	6.0	254.0
B395	106	GEO_Eqn_6.12b_nls07	1312.5	-8.0	-16.0	2.0	-26.0	6.0	259.0
B395	106	GEO_Eqn_6.12b_nls07	1575	-8.0	-10.0	2.0	-26.0	5.0	263.0
B395	106	GEO_Eqn_6.12b_nls07	1575	33.0	-40.0	2.0	-25.0	3.0	263.0
B395	106	GEO_Eqn_6.12b_nls07	1837.5	33.0	-34.0	2.0	-25.0	2.0	273.0
B395	106	GEO_Eqn_6.12b_nls07	2100	33.0	-28.0	2.0	-25.0	1.0	281.0
B395	106	GEO_Eqn_6.12b_nls07	2100	69.0	-31.0	2.0	-16.0	0.1	282.0
B395	106	GEO_Eqn_6.12b_nls07	2362.5	69.0	-25.0	2.0	-16.0	-0.4	289.0
B395	106	GEO_Eqn_6.12b_nls07	2625	69.0	-19.0	2.0	-16.0	-1.0	295.0
B395	106	GEO_Eqn_6.12b_nls07	2625	82.0	-73.0	2.0	-16.0	-4.0	301.0
B395	106	GEO_Eqn_6.12b_nls07	2887.5	82.0	-67.0	2.0	-16.0	-4.0	320.0
B395	106	GEO_Eqn_6.12b_nls07	3150	82.0	-61.0	2.0	-16.0	-5.0	336.0
B395	106	GEO_Eqn_6.12b_nls07	3150	96.0	-34.0	-1.0	-10.0	-1.0	343.0
B395	106	GEO_Eqn_6.12b_nls07	3431.25	96.0	-28.0	-1.0	-10.0	-1.0	352.0
B395	106	GEO_Eqn_6.12b_nls07	3712.5	96.0	-22.0	-1.0	-10.0	-0.4	359.0
B395	106	GEO_Eqn_6.12b_nls07	3712.5	61.0	-9.0	-1.0	-9.0	0.4	364.0
B395	106	GEO_Eqn_6.12b_nls07	3993.75	61.0	-2.0	-1.0	-9.0	1.0	366.0
B395	106	GEO_Eqn_6.12b_nls07	4275	61.0	4.0	-1.0	-9.0	1.0	365.0
B395	106	GEO_Eqn_6.12b_nls07	4275	-36.0	214.0	1.0	-3.0	1.0	368.0
B395	106	GEO_Eqn_6.12b_nls07	4556.25	-36.0	221.0	1.0	-3.0	1.0	307.0
B395	106	GEO_Eqn_6.12b_nls07	4837.5	-36.0	227.0	1.0	-3.0	1.0	244.0
B395	106	GEO_Eqn_6.12b_nls07	4837.5	-122.0	585.0	1.0	-3.0	-0.4	193.0
B395	106	GEO_Eqn_6.12b_nls07	5118.75	-122.0	592.0	1.0	-3.0	-1.0	27.0
B395	106	GEO_Eqn_6.12b_nls07	5400	-122.0	598.0	1.0	-3.0	-1.0	-140.0
B395	106	GEO_Eqn_6.12b_nls07	5400	3.0	-150.0	0.4	-3.0	0.2	-169.0
B395	106	GEO_Eqn_6.12b_nls07	5760	3.0	-142.0	0.4	-3.0	0.1	-116.0
B395	106	GEO_Eqn_6.12b_nls07	6120	3.0	-134.0	0.4	-3.0	-0.1	-66.0
B395	106	GEO_Eqn_6.12b_nls07	6480	3.0	-126.0	0.4	-3.0	-0.2	-20.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls07	6480	1.0	-36.0	0.1	-7.0	-0.1	-19.0
B395	106	GEO_Eqn_6.12b_nls07	6840	1.0	-28.0	0.1	-7.0	-0.1	-8.0
B395	106	GEO_Eqn_6.12b_nls07	7200	1.0	-20.0	0.1	-7.0	-0.1	1.0
B395	106	GEO_Eqn_6.12b_nls07	7560	1.0	-12.0	0.1	-7.0	-0.2	7.0
B395	106	GEO_Eqn_6.12b_nls07	7560	-0.1	77.0	0.0	-11.0	0.0	7.0
B395	106	GEO_Eqn_6.12b_nls07	7920	-0.1	85.0	0.0	-11.0	0.0	-22.0
B395	106	GEO_Eqn_6.12b_nls07	8280	-0.1	93.0	0.0	-11.0	0.0	-54.0
B395	106	GEO_Eqn_6.12b_nls07	8640	-0.1	101.0	0.0	-11.0	0.0	-89.0
B395	106	GEO_Eqn_6.12b_nls07	8640	-1.0	190.0	-0.1	-15.0	0.1	-90.0
B395	106	GEO_Eqn_6.12b_nls07	9000	-1.0	198.0	-0.1	-15.0	0.1	-160.0
B395	106	GEO_Eqn_6.12b_nls07	9360	-1.0	206.0	-0.1	-15.0	0.2	-232.0
B395	106	GEO_Eqn_6.12b_nls07	9720	-1.0	214.0	-0.1	-15.0	0.2	-308.0
B395	106	GEO_Eqn_6.12b_nls07	9720	-3.0	306.0	1.0	-19.0	0.4	-309.0
B395	106	GEO_Eqn_6.12b_nls07	10080	-3.0	314.0	1.0	-19.0	0.1	-421.0
B395	106	GEO_Eqn_6.12b_nls07	10440	-3.0	322.0	1.0	-19.0	-0.2	-535.0
B395	106	GEO_Eqn_6.12b_nls07	10800	-3.0	330.0	1.0	-19.0	-0.4	-653.0
B395	106	GEO_Eqn_6.12b_nls07	10800	-42.0	-686.0	-2.0	-17.0	-2.0	-619.0
B395	106	GEO_Eqn_6.12b_nls07	11100	-42.0	-679.0	-2.0	-17.0	-2.0	-414.0
B395	106	GEO_Eqn_6.12b_nls07	11400	-42.0	-673.0	-2.0	-17.0	-1.0	-211.0
B395	106	GEO_Eqn_6.12b_nls07	11400	-1.0	-289.0	-1.0	-16.0	0.2	-129.0
B395	106	GEO_Eqn_6.12b_nls07	11880	-1.0	-278.0	-1.0	-16.0	1.0	7.0
B395	106	GEO_Eqn_6.12b_nls07	11880	13.0	-27.0	0.0	-13.0	1.0	92.0
B395	106	GEO_Eqn_6.12b_nls07	12000	13.0	-24.0	0.0	-13.0	1.0	95.0
B395	106	GEO_Eqn_6.12b_nls07	12000	50.0	-156.0	0.2	-11.0	1.0	90.0
B395	106	GEO_Eqn_6.12b_nls07	12300	50.0	-149.0	0.2	-11.0	1.0	135.0
B395	106	GEO_Eqn_6.12b_nls07	12600	50.0	-142.0	0.2	-11.0	1.0	179.0
B395	106	GEO_Eqn_6.12b_nls07	12600	69.0	-42.0	0.2	-10.0	0.3	194.0
B395	106	GEO_Eqn_6.12b_nls07	12960	69.0	-34.0	0.2	-10.0	0.3	208.0
B395	106	GEO_Eqn_6.12b_nls07	12960	73.0	-6.0	0.0	-7.0	0.0	221.0
B395	106	GEO_Eqn_6.12b_nls07	13200	73.0	-1.0	0.0	-7.0	0.0	222.0
B395	106	GEO_Eqn_6.12b_nls07	13200	75.0	-7.0	0.2	-6.0	0.0	220.0
B395	106	GEO_Eqn_6.12b_nls07	13500	75.0	-1.0	0.2	-6.0	-0.1	221.0
B395	106	GEO_Eqn_6.12b_nls07	13800	75.0	6.0	0.2	-6.0	-0.2	220.0
B395	106	GEO_Eqn_6.12b_nls07	13800	52.0	-6.0	0.1	-4.0	-0.4	225.0
B395	106	GEO_Eqn_6.12b_nls07	14040	52.0	-1.0	0.1	-4.0	-0.4	226.0
B395	106	GEO_Eqn_6.12b_nls07	14040	46.0	16.0	-0.5	0.3	0.1	221.0
B395	106	GEO_Eqn_6.12b_nls07	14400	46.0	24.0	-0.5	0.3	0.2	214.0
B395	106	GEO_Eqn_6.12b_nls07	14400	7.0	22.0	-1.0	1.0	1.0	210.0
B395	106	GEO_Eqn_6.12b_nls07	14700	7.0	28.0	-1.0	1.0	1.0	202.0
B395	106	GEO_Eqn_6.12b_nls07	15000	7.0	35.0	-1.0	1.0	1.0	193.0
B395	106	GEO_Eqn_6.12b_nls07	15000	-52.0	2.0	0.0	5.0	2.0	199.0
B395	106	GEO_Eqn_6.12b_nls07	15120	-52.0	5.0	0.0	5.0	2.0	198.0
B395	106	GEO_Eqn_6.12b_nls07	15120	-69.0	47.0	1.0	11.0	2.0	185.0
B395	106	GEO_Eqn_6.12b_nls07	15600	-69.0	58.0	1.0	11.0	2.0	159.0
B395	106	GEO_Eqn_6.12b_nls07	15600	-143.0	152.0	4.0	12.0	-2.0	147.0
B395	106	GEO_Eqn_6.12b_nls07	15900	-143.0	159.0	4.0	12.0	-3.0	100.0
B395	106	GEO_Eqn_6.12b_nls07	16200	-143.0	165.0	4.0	12.0	-4.0	51.0
B395	106	GEO_Eqn_6.12b_nls08	0	-92.0	-491.0	-12.0	-82.0	-16.0	88.0
B395	106	GEO_Eqn_6.12b_nls08	262.5	-92.0	-485.0	-12.0	-82.0	-12.0	216.0
B395	106	GEO_Eqn_6.12b_nls08	525	-92.0	-479.0	-12.0	-82.0	-9.0	342.0
B395	106	GEO_Eqn_6.12b_nls08	525	-48.0	-111.0	-9.0	-81.0	5.0	385.0
B395	106	GEO_Eqn_6.12b_nls08	787.5	-48.0	-105.0	-9.0	-81.0	7.0	413.0
B395	106	GEO_Eqn_6.12b_nls08	1050	-48.0	-99.0	-9.0	-81.0	9.0	440.0
B395	106	GEO_Eqn_6.12b_nls08	1050	5.0	43.0	3.0	-54.0	10.0	431.0
B395	106	GEO_Eqn_6.12b_nls08	1312.5	5.0	49.0	3.0	-54.0	10.0	419.0
B395	106	GEO_Eqn_6.12b_nls08	1575	5.0	55.0	3.0	-54.0	9.0	405.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls08	1575	36.0	56.0	3.0	-53.0	5.0	393.0
B395	106	GEO_Eqn_6.12b_nls08	1837.5	36.0	62.0	3.0	-53.0	4.0	378.0
B395	106	GEO_Eqn_6.12b_nls08	2100	36.0	68.0	3.0	-53.0	3.0	361.0
B395	106	GEO_Eqn_6.12b_nls08	2100	52.0	84.0	3.0	-40.0	0.2	352.0
B395	106	GEO_Eqn_6.12b_nls08	2362.5	52.0	90.0	3.0	-40.0	-1.0	329.0
B395	106	GEO_Eqn_6.12b_nls08	2625	52.0	96.0	3.0	-40.0	-2.0	305.0
B395	106	GEO_Eqn_6.12b_nls08	2625	47.0	60.0	4.0	-40.0	-6.0	293.0
B395	106	GEO_Eqn_6.12b_nls08	2887.5	47.0	66.0	4.0	-40.0	-7.0	276.0
B395	106	GEO_Eqn_6.12b_nls08	3150	47.0	72.0	4.0	-40.0	-8.0	258.0
B395	106	GEO_Eqn_6.12b_nls08	3150	79.0	131.0	-2.0	-30.0	-2.0	253.0
B395	106	GEO_Eqn_6.12b_nls08	3431.25	79.0	138.0	-2.0	-30.0	-1.0	215.0
B395	106	GEO_Eqn_6.12b_nls08	3712.5	79.0	144.0	-2.0	-30.0	-1.0	176.0
B395	106	GEO_Eqn_6.12b_nls08	3712.5	38.0	186.0	-1.0	-30.0	1.0	155.0
B395	106	GEO_Eqn_6.12b_nls08	3993.75	38.0	192.0	-1.0	-30.0	1.0	102.0
B395	106	GEO_Eqn_6.12b_nls08	4275	38.0	198.0	-1.0	-30.0	2.0	47.0
B395	106	GEO_Eqn_6.12b_nls08	4275	-34.0	416.0	1.0	-22.0	2.0	29.0
B395	106	GEO_Eqn_6.12b_nls08	4556.25	-34.0	422.0	1.0	-22.0	1.0	-89.0
B395	106	GEO_Eqn_6.12b_nls08	4837.5	-34.0	429.0	1.0	-22.0	1.0	-209.0
B395	106	GEO_Eqn_6.12b_nls08	4837.5	-82.0	681.0	2.0	-21.0	-1.0	-285.0
B395	106	GEO_Eqn_6.12b_nls08	5118.75	-82.0	687.0	2.0	-21.0	-1.0	-478.0
B395	106	GEO_Eqn_6.12b_nls08	5400	-82.0	694.0	2.0	-21.0	-2.0	-672.0
B395	106	GEO_Eqn_6.12b_nls08	5400	-6.0	-344.0	0.0	-22.0	0.2	-709.0
B395	106	GEO_Eqn_6.12b_nls08	5760	-6.0	-336.0	0.0	-22.0	0.2	-586.0
B395	106	GEO_Eqn_6.12b_nls08	6120	-6.0	-328.0	0.0	-22.0	0.2	-467.0
B395	106	GEO_Eqn_6.12b_nls08	6480	-6.0	-320.0	0.0	-22.0	0.2	-350.0
B395	106	GEO_Eqn_6.12b_nls08	6480	-3.0	-230.0	-0.1	-27.0	-0.1	-349.0
B395	106	GEO_Eqn_6.12b_nls08	6840	-3.0	-221.0	-0.1	-27.0	-0.1	-268.0
B395	106	GEO_Eqn_6.12b_nls08	7200	-3.0	-213.0	-0.1	-27.0	0.0	-189.0
B395	106	GEO_Eqn_6.12b_nls08	7560	-3.0	-205.0	-0.1	-27.0	0.0	-114.0
B395	106	GEO_Eqn_6.12b_nls08	7560	0.0	-117.0	-0.1	-33.0	-0.2	-113.0
B395	106	GEO_Eqn_6.12b_nls08	7920	0.0	-109.0	-0.1	-33.0	-0.1	-72.0
B395	106	GEO_Eqn_6.12b_nls08	8280	0.0	-101.0	-0.1	-33.0	-0.1	-35.0
B395	106	GEO_Eqn_6.12b_nls08	8640	0.0	-93.0	-0.1	-33.0	0.0	0.1
B395	106	GEO_Eqn_6.12b_nls08	8640	3.0	-5.0	-0.1	-38.0	-0.3	1.0
B395	106	GEO_Eqn_6.12b_nls08	9000	3.0	3.0	-0.1	-38.0	-0.2	1.0
B395	106	GEO_Eqn_6.12b_nls08	9360	3.0	12.0	-0.1	-38.0	-0.2	-2.0
B395	106	GEO_Eqn_6.12b_nls08	9720	3.0	20.0	-0.1	-38.0	-0.2	-8.0
B395	106	GEO_Eqn_6.12b_nls08	9720	6.0	109.0	-1.0	-42.0	-0.4	-7.0
B395	106	GEO_Eqn_6.12b_nls08	10080	6.0	117.0	-1.0	-42.0	0.0	-48.0
B395	106	GEO_Eqn_6.12b_nls08	10440	6.0	125.0	-1.0	-42.0	0.4	-92.0
B395	106	GEO_Eqn_6.12b_nls08	10800	6.0	133.0	-1.0	-42.0	1.0	-138.0
B395	106	GEO_Eqn_6.12b_nls08	10800	-122.0	-644.0	-1.0	-38.0	-1.0	-111.0
B395	106	GEO_Eqn_6.12b_nls08	11100	-122.0	-637.0	-1.0	-38.0	-1.0	81.0
B395	106	GEO_Eqn_6.12b_nls08	11400	-122.0	-631.0	-1.0	-38.0	-0.3	271.0
B395	106	GEO_Eqn_6.12b_nls08	11400	-24.0	-154.0	-0.1	-37.0	0.2	326.0
B395	106	GEO_Eqn_6.12b_nls08	11880	-24.0	-143.0	-0.2	-37.0	0.3	397.0
B395	106	GEO_Eqn_6.12b_nls08	11880	5.0	-12.0	0.0	-34.0	0.1	434.0
B395	106	GEO_Eqn_6.12b_nls08	12000	5.0	-9.0	0.0	-34.0	0.1	436.0
B395	106	GEO_Eqn_6.12b_nls08	12000	70.0	35.0	-0.1	-33.0	0.1	421.0
B395	106	GEO_Eqn_6.12b_nls08	12300	70.0	42.0	-0.1	-33.0	0.1	410.0
B395	106	GEO_Eqn_6.12b_nls08	12600	70.0	49.0	-0.1	-33.0	0.2	396.0
B395	106	GEO_Eqn_6.12b_nls08	12600	92.0	30.0	0.1	-32.0	0.1	386.0
B395	106	GEO_Eqn_6.12b_nls08	12960	92.0	38.0	0.1	-32.0	0.1	374.0
B395	106	GEO_Eqn_6.12b_nls08	12960	96.0	32.0	-0.1	-28.0	-0.2	346.0
B395	106	GEO_Eqn_6.12b_nls08	13200	96.0	38.0	-0.1	-28.0	-0.2	338.0
B395	106	GEO_Eqn_6.12b_nls08	13200	93.0	110.0	0.0	-27.0	-0.1	320.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls08	13500	93.0	117.0	0.0	-27.0	-0.1	286.0
B395	106	GEO_Eqn_6.12b_nls08	13800	93.0	124.0	0.0	-27.0	-0.1	250.0
B395	106	GEO_Eqn_6.12b_nls08	13800	62.0	17.0	0.1	-26.0	-0.2	244.0
B395	106	GEO_Eqn_6.12b_nls08	14040	62.0	22.0	0.1	-26.0	-0.2	239.0
B395	106	GEO_Eqn_6.12b_nls08	14040	54.0	58.0	-0.3	-22.0	-0.1	211.0
B395	106	GEO_Eqn_6.12b_nls08	14400	54.0	66.0	-0.3	-22.0	0.0	189.0
B395	106	GEO_Eqn_6.12b_nls08	14400	9.0	95.0	-1.0	-21.0	1.0	172.0
B395	106	GEO_Eqn_6.12b_nls08	14700	9.0	101.0	-1.0	-21.0	1.0	143.0
B395	106	GEO_Eqn_6.12b_nls08	15000	9.0	108.0	-1.0	-21.0	1.0	111.0
B395	106	GEO_Eqn_6.12b_nls08	15000	-46.0	6.0	0.0	-19.0	1.0	114.0
B395	106	GEO_Eqn_6.12b_nls08	15120	-46.0	9.0	0.0	-19.0	1.0	113.0
B395	106	GEO_Eqn_6.12b_nls08	15120	-63.0	85.0	1.0	-14.0	1.0	86.0
B395	106	GEO_Eqn_6.12b_nls08	15600	-63.0	96.0	1.0	-14.0	1.0	43.0
B395	106	GEO_Eqn_6.12b_nls08	15600	-123.0	163.0	3.0	-13.0	-1.0	23.0
B395	106	GEO_Eqn_6.12b_nls08	15900	-123.0	169.0	3.0	-13.0	-1.0	-27.0
B395	106	GEO_Eqn_6.12b_nls08	16200	-123.0	176.0	3.0	-13.0	-2.0	-79.0
B395	106	GEO_Eqn_6.12b_nls09	0	-245.0	1.0	9.0	57.0	11.0	-40.0
B395	106	GEO_Eqn_6.12b_nls09	262.5	-245.0	7.0	9.0	57.0	9.0	-41.0
B395	106	GEO_Eqn_6.12b_nls09	525	-245.0	13.0	9.0	57.0	7.0	-44.0
B395	106	GEO_Eqn_6.12b_nls09	525	-155.0	-95.0	7.0	56.0	-3.0	-43.0
B395	106	GEO_Eqn_6.12b_nls09	787.5	-155.0	-89.0	7.0	56.0	-5.0	-19.0
B395	106	GEO_Eqn_6.12b_nls09	1050	-155.0	-83.0	7.0	56.0	-7.0	4.0
B395	106	GEO_Eqn_6.12b_nls09	1050	-21.0	-129.0	-2.0	39.0	-7.0	10.0
B395	106	GEO_Eqn_6.12b_nls09	1312.5	-21.0	-123.0	-2.0	39.0	-7.0	43.0
B395	106	GEO_Eqn_6.12b_nls09	1575	-21.0	-117.0	-2.0	39.0	-6.0	74.0
B395	106	GEO_Eqn_6.12b_nls09	1575	59.0	-175.0	-2.0	39.0	-4.0	92.0
B395	106	GEO_Eqn_6.12b_nls09	1837.5	59.0	-169.0	-2.0	39.0	-3.0	137.0
B395	106	GEO_Eqn_6.12b_nls09	2100	59.0	-163.0	-2.0	39.0	-3.0	181.0
B395	106	GEO_Eqn_6.12b_nls09	2100	154.0	-173.0	-3.0	31.0	-1.0	192.0
B395	106	GEO_Eqn_6.12b_nls09	2362.5	154.0	-167.0	-3.0	31.0	0.1	237.0
B395	106	GEO_Eqn_6.12b_nls09	2625	154.0	-161.0	-3.0	31.0	1.0	280.0
B395	106	GEO_Eqn_6.12b_nls09	2625	208.0	-224.0	-3.0	31.0	5.0	307.0
B395	106	GEO_Eqn_6.12b_nls09	2887.5	208.0	-218.0	-3.0	31.0	6.0	365.0
B395	106	GEO_Eqn_6.12b_nls09	3150	208.0	-213.0	-3.0	31.0	7.0	422.0
B395	106	GEO_Eqn_6.12b_nls09	3150	85.0	-211.0	2.0	26.0	2.0	440.0
B395	106	GEO_Eqn_6.12b_nls09	3431.25	85.0	-204.0	2.0	26.0	1.0	499.0
B395	106	GEO_Eqn_6.12b_nls09	3712.5	85.0	-198.0	2.0	26.0	1.0	555.0
B395	106	GEO_Eqn_6.12b_nls09	3712.5	76.0	-215.0	2.0	25.0	-1.0	586.0
B395	106	GEO_Eqn_6.12b_nls09	3993.75	76.0	-209.0	2.0	25.0	-2.0	646.0
B395	106	GEO_Eqn_6.12b_nls09	4275	76.0	-202.0	2.0	25.0	-2.0	704.0
B395	106	GEO_Eqn_6.12b_nls09	4275	-23.0	-7.0	-1.0	21.0	-1.0	727.0
B395	106	GEO_Eqn_6.12b_nls09	4556.25	-23.0	-0.3	-1.0	21.0	-1.0	728.0
B395	106	GEO_Eqn_6.12b_nls09	4837.5	-23.0	6.0	-1.0	21.0	-1.0	727.0
B395	106	GEO_Eqn_6.12b_nls09	4837.5	-138.0	449.0	-2.0	21.0	1.0	705.0
B395	106	GEO_Eqn_6.12b_nls09	5118.75	-138.0	455.0	-2.0	21.0	1.0	578.0
B395	106	GEO_Eqn_6.12b_nls09	5400	-138.0	461.0	-2.0	21.0	2.0	450.0
B395	106	GEO_Eqn_6.12b_nls09	5400	15.0	54.0	1.0	22.0	0.5	431.0
B395	106	GEO_Eqn_6.12b_nls09	5760	15.0	62.0	1.0	22.0	0.0	410.0
B395	106	GEO_Eqn_6.12b_nls09	6120	15.0	70.0	1.0	22.0	-0.4	386.0
B395	106	GEO_Eqn_6.12b_nls09	6480	15.0	78.0	1.0	22.0	-1.0	360.0
B395	106	GEO_Eqn_6.12b_nls09	6480	6.0	169.0	0.3	26.0	0.0	359.0
B395	106	GEO_Eqn_6.12b_nls09	6840	6.0	178.0	0.3	26.0	-0.1	296.0
B395	106	GEO_Eqn_6.12b_nls09	7200	6.0	186.0	0.2	26.0	-0.2	231.0
B395	106	GEO_Eqn_6.12b_nls09	7560	6.0	194.0	0.2	26.0	-0.3	163.0
B395	106	GEO_Eqn_6.12b_nls09	7560	0.0	285.0	0.1	29.0	0.1	161.0
B395	106	GEO_Eqn_6.12b_nls09	7920	0.0	293.0	0.1	29.0	0.1	57.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls09	8280	0.0	301.0	0.1	29.0	0.1	-49.0
B395	106	GEO_Eqn_6.12b_nls09	8640	0.0	309.0	0.1	29.0	0.0	-159.0
B395	106	GEO_Eqn_6.12b_nls09	8640	-6.0	402.0	0.1	31.0	1.0	-161.0
B395	106	GEO_Eqn_6.12b_nls09	9000	-6.0	410.0	0.1	31.0	1.0	-307.0
B395	106	GEO_Eqn_6.12b_nls09	9360	-6.0	418.0	0.1	31.0	0.5	-456.0
B395	106	GEO_Eqn_6.12b_nls09	9720	-6.0	426.0	0.0	31.0	0.5	-608.0
B395	106	GEO_Eqn_6.12b_nls09	9720	-15.0	522.0	3.0	32.0	1.0	-610.0
B395	106	GEO_Eqn_6.12b_nls09	10080	-15.0	530.0	3.0	32.0	0.3	-799.0
B395	106	GEO_Eqn_6.12b_nls09	10440	-15.0	538.0	3.0	32.0	-1.0	-991.0
B395	106	GEO_Eqn_6.12b_nls09	10800	-15.0	546.0	3.0	32.0	-2.0	-1186.0
B395	106	GEO_Eqn_6.12b_nls09	10800	66.0	-698.0	-1.0	31.0	-2.0	-1147.0
B395	106	GEO_Eqn_6.12b_nls09	11100	66.0	-691.0	-1.0	31.0	-1.0	-938.0
B395	106	GEO_Eqn_6.12b_nls09	11400	66.0	-684.0	-1.0	31.0	-1.0	-732.0
B395	106	GEO_Eqn_6.12b_nls09	11400	41.0	-427.0	-1.0	31.0	-0.1	-623.0
B395	106	GEO_Eqn_6.12b_nls09	11880	41.0	-416.0	-1.0	31.0	0.2	-421.0
B395	106	GEO_Eqn_6.12b_nls09	11880	36.0	-42.0	0.0	30.0	1.0	-287.0
B395	106	GEO_Eqn_6.12b_nls09	12000	36.0	-39.0	0.0	30.0	1.0	-282.0
B395	106	GEO_Eqn_6.12b_nls09	12000	38.0	-361.0	0.5	30.0	1.0	-278.0
B395	106	GEO_Eqn_6.12b_nls09	12300	38.0	-354.0	0.4	30.0	1.0	-171.0
B395	106	GEO_Eqn_6.12b_nls09	12600	38.0	-348.0	0.4	30.0	1.0	-66.0
B395	106	GEO_Eqn_6.12b_nls09	12600	48.0	-124.0	0.2	30.0	0.3	-21.0
B395	106	GEO_Eqn_6.12b_nls09	12960	48.0	-116.0	0.2	30.0	0.2	22.0
B395	106	GEO_Eqn_6.12b_nls09	12960	52.0	-50.0	0.1	30.0	0.3	81.0
B395	106	GEO_Eqn_6.12b_nls09	13200	52.0	-45.0	0.1	30.0	0.2	92.0
B395	106	GEO_Eqn_6.12b_nls09	13200	56.0	-153.0	0.3	29.0	0.1	108.0
B395	106	GEO_Eqn_6.12b_nls09	13500	56.0	-146.0	0.3	29.0	0.0	153.0
B395	106	GEO_Eqn_6.12b_nls09	13800	56.0	-139.0	0.3	29.0	-0.1	196.0
B395	106	GEO_Eqn_6.12b_nls09	13800	38.0	-39.0	0.1	30.0	-0.3	217.0
B395	106	GEO_Eqn_6.12b_nls09	14040	38.0	-34.0	0.0	30.0	-0.3	225.0
B395	106	GEO_Eqn_6.12b_nls09	14040	35.0	-45.0	-0.2	30.0	0.2	255.0
B395	106	GEO_Eqn_6.12b_nls09	14400	35.0	-36.0	-0.2	30.0	0.3	269.0
B395	106	GEO_Eqn_6.12b_nls09	14400	-2.0	-110.0	-0.3	30.0	1.0	285.0
B395	106	GEO_Eqn_6.12b_nls09	14700	-2.0	-103.0	-0.3	30.0	1.0	317.0
B395	106	GEO_Eqn_6.12b_nls09	15000	-2.0	-96.0	-0.3	30.0	1.0	347.0
B395	106	GEO_Eqn_6.12b_nls09	15000	-72.0	-8.0	0.0	31.0	1.0	358.0
B395	106	GEO_Eqn_6.12b_nls09	15120	-72.0	-6.0	0.0	31.0	1.0	359.0
B395	106	GEO_Eqn_6.12b_nls09	15120	-95.0	-46.0	1.0	33.0	1.0	377.0
B395	106	GEO_Eqn_6.12b_nls09	15600	-95.0	-35.0	1.0	33.0	1.0	396.0
B395	106	GEO_Eqn_6.12b_nls09	15600	-193.0	70.0	2.0	34.0	-1.0	405.0
B395	106	GEO_Eqn_6.12b_nls09	15900	-193.0	76.0	2.0	34.0	-2.0	383.0
B395	106	GEO_Eqn_6.12b_nls09	16200	-193.0	83.0	2.0	34.0	-2.0	359.0
B395	106	GEO_Eqn_6.12b_nls10	0	-208.0	-30.0	5.0	32.0	7.0	-36.0
B395	106	GEO_Eqn_6.12b_nls10	262.5	-208.0	-24.0	5.0	32.0	5.0	-29.0
B395	106	GEO_Eqn_6.12b_nls10	525	-208.0	-19.0	5.0	32.0	4.0	-23.0
B395	106	GEO_Eqn_6.12b_nls10	525	-135.0	-90.0	4.0	31.0	-2.0	-19.0
B395	106	GEO_Eqn_6.12b_nls10	787.5	-135.0	-84.0	4.0	31.0	-3.0	4.0
B395	106	GEO_Eqn_6.12b_nls10	1050	-135.0	-78.0	4.0	31.0	-4.0	25.0
B395	106	GEO_Eqn_6.12b_nls10	1050	-22.0	-117.0	-1.0	24.0	-4.0	30.0
B395	106	GEO_Eqn_6.12b_nls10	1312.5	-22.0	-111.0	-1.0	24.0	-4.0	60.0
B395	106	GEO_Eqn_6.12b_nls10	1575	-22.0	-105.0	-1.0	24.0	-4.0	88.0
B395	106	GEO_Eqn_6.12b_nls10	1575	50.0	-164.0	-1.0	24.0	-2.0	105.0
B395	106	GEO_Eqn_6.12b_nls10	1837.5	50.0	-158.0	-1.0	24.0	-2.0	147.0
B395	106	GEO_Eqn_6.12b_nls10	2100	50.0	-152.0	-1.0	24.0	-2.0	188.0
B395	106	GEO_Eqn_6.12b_nls10	2100	134.0	-167.0	-2.0	21.0	-0.4	199.0
B395	106	GEO_Eqn_6.12b_nls10	2362.5	134.0	-161.0	-2.0	21.0	0.1	242.0
B395	106	GEO_Eqn_6.12b_nls10	2625	134.0	-155.0	-2.0	21.0	1.0	283.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls10	2625	181.0	-222.0	-2.0	21.0	3.0	310.0
B395	106	GEO_Eqn_6.12b_nls10	2887.5	181.0	-216.0	-2.0	21.0	4.0	367.0
B395	106	GEO_Eqn_6.12b_nls10	3150	181.0	-210.0	-2.0	21.0	4.0	423.0
B395	106	GEO_Eqn_6.12b_nls10	3150	95.0	-213.0	1.0	19.0	1.0	442.0
B395	106	GEO_Eqn_6.12b_nls10	3431.25	95.0	-206.0	1.0	19.0	1.0	501.0
B395	106	GEO_Eqn_6.12b_nls10	3712.5	95.0	-200.0	1.0	19.0	1.0	558.0
B395	106	GEO_Eqn_6.12b_nls10	3712.5	80.0	-219.0	1.0	19.0	-1.0	590.0
B395	106	GEO_Eqn_6.12b_nls10	3993.75	80.0	-212.0	1.0	19.0	-1.0	651.0
B395	106	GEO_Eqn_6.12b_nls10	4275	80.0	-206.0	1.0	19.0	-2.0	710.0
B395	106	GEO_Eqn_6.12b_nls10	4275	-28.0	-10.0	-1.0	18.0	-1.0	734.0
B395	106	GEO_Eqn_6.12b_nls10	4556.25	-28.0	-4.0	-1.0	18.0	-1.0	736.0
B395	106	GEO_Eqn_6.12b_nls10	4837.5	-28.0	2.0	-1.0	18.0	-0.3	736.0
B395	106	GEO_Eqn_6.12b_nls10	4837.5	-147.0	453.0	-1.0	18.0	1.0	715.0
B395	106	GEO_Eqn_6.12b_nls10	5118.75	-147.0	460.0	-1.0	18.0	1.0	586.0
B395	106	GEO_Eqn_6.12b_nls10	5400	-147.0	466.0	-1.0	18.0	1.0	456.0
B395	106	GEO_Eqn_6.12b_nls10	5400	15.0	60.0	1.0	19.0	0.4	437.0
B395	106	GEO_Eqn_6.12b_nls10	5760	15.0	68.0	1.0	19.0	0.0	414.0
B395	106	GEO_Eqn_6.12b_nls10	6120	15.0	76.0	1.0	19.0	-0.4	388.0
B395	106	GEO_Eqn_6.12b_nls10	6480	15.0	84.0	1.0	19.0	-1.0	359.0
B395	106	GEO_Eqn_6.12b_nls10	6480	6.0	174.0	0.2	21.0	-0.1	359.0
B395	106	GEO_Eqn_6.12b_nls10	6840	6.0	182.0	0.2	21.0	-0.2	294.0
B395	106	GEO_Eqn_6.12b_nls10	7200	6.0	190.0	0.2	21.0	-0.2	227.0
B395	106	GEO_Eqn_6.12b_nls10	7560	6.0	198.0	0.2	21.0	-0.3	157.0
B395	106	GEO_Eqn_6.12b_nls10	7560	0.1	288.0	0.1	21.0	0.1	156.0
B395	106	GEO_Eqn_6.12b_nls10	7920	0.1	296.0	0.1	21.0	0.1	51.0
B395	106	GEO_Eqn_6.12b_nls10	8280	0.1	304.0	0.1	21.0	0.1	-57.0
B395	106	GEO_Eqn_6.12b_nls10	8640	0.1	313.0	0.0	21.0	0.0	-168.0
B395	106	GEO_Eqn_6.12b_nls10	8640	-6.0	404.0	0.0	21.0	1.0	-170.0
B395	106	GEO_Eqn_6.12b_nls10	9000	-6.0	412.0	0.0	21.0	1.0	-317.0
B395	106	GEO_Eqn_6.12b_nls10	9360	-6.0	420.0	0.0	21.0	1.0	-467.0
B395	106	GEO_Eqn_6.12b_nls10	9720	-6.0	428.0	0.0	21.0	1.0	-619.0
B395	106	GEO_Eqn_6.12b_nls10	9720	-16.0	523.0	3.0	19.0	1.0	-621.0
B395	106	GEO_Eqn_6.12b_nls10	10080	-16.0	531.0	3.0	19.0	0.3	-811.0
B395	106	GEO_Eqn_6.12b_nls10	10440	-16.0	539.0	3.0	19.0	-1.0	-1004.0
B395	106	GEO_Eqn_6.12b_nls10	10800	-16.0	547.0	3.0	19.0	-2.0	-1199.0
B395	106	GEO_Eqn_6.12b_nls10	10800	74.0	-712.0	-2.0	19.0	-2.0	-1159.0
B395	106	GEO_Eqn_6.12b_nls10	11100	74.0	-706.0	-2.0	19.0	-2.0	-946.0
B395	106	GEO_Eqn_6.12b_nls10	11400	74.0	-699.0	-2.0	19.0	-2.0	-736.0
B395	106	GEO_Eqn_6.12b_nls10	11400	49.0	-433.0	-1.0	19.0	0.0	-625.0
B395	106	GEO_Eqn_6.12b_nls10	11880	49.0	-422.0	-1.0	19.0	0.5	-420.0
B395	106	GEO_Eqn_6.12b_nls10	11880	44.0	-43.0	0.0	20.0	1.0	-283.0
B395	106	GEO_Eqn_6.12b_nls10	12000	44.0	-40.0	0.0	20.0	1.0	-278.0
B395	106	GEO_Eqn_6.12b_nls10	12000	45.0	-365.0	0.5	21.0	1.0	-274.0
B395	106	GEO_Eqn_6.12b_nls10	12300	45.0	-359.0	0.5	21.0	1.0	-166.0
B395	106	GEO_Eqn_6.12b_nls10	12600	45.0	-352.0	0.5	21.0	1.0	-59.0
B395	106	GEO_Eqn_6.12b_nls10	12600	54.0	-124.0	0.3	21.0	0.5	-14.0
B395	106	GEO_Eqn_6.12b_nls10	12960	54.0	-116.0	0.3	21.0	0.4	29.0
B395	106	GEO_Eqn_6.12b_nls10	12960	58.0	-50.0	0.0	23.0	0.2	88.0
B395	106	GEO_Eqn_6.12b_nls10	13200	58.0	-45.0	0.0	23.0	0.2	99.0
B395	106	GEO_Eqn_6.12b_nls10	13200	59.0	-146.0	0.4	24.0	0.1	115.0
B395	106	GEO_Eqn_6.12b_nls10	13500	59.0	-139.0	0.4	24.0	-0.1	157.0
B395	106	GEO_Eqn_6.12b_nls10	13800	59.0	-132.0	0.4	24.0	-0.2	198.0
B395	106	GEO_Eqn_6.12b_nls10	13800	37.0	-35.0	0.1	25.0	-0.4	217.0
B395	106	GEO_Eqn_6.12b_nls10	14040	37.0	-30.0	0.1	25.0	-0.5	225.0
B395	106	GEO_Eqn_6.12b_nls10	14040	34.0	-37.0	-0.4	28.0	0.3	250.0
B395	106	GEO_Eqn_6.12b_nls10	14400	34.0	-29.0	-0.4	28.0	0.4	262.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls10	14400	-8.0	-81.0	-1.0	28.0	1.0	275.0
B395	106	GEO_Eqn_6.12b_nls10	14700	-8.0	-74.0	-1.0	28.0	1.0	298.0
B395	106	GEO_Eqn_6.12b_nls10	15000	-8.0	-67.0	-1.0	28.0	1.0	319.0
B395	106	GEO_Eqn_6.12b_nls10	15000	-83.0	-5.0	0.0	31.0	2.0	330.0
B395	106	GEO_Eqn_6.12b_nls10	15120	-83.0	-2.0	0.0	31.0	2.0	331.0
B395	106	GEO_Eqn_6.12b_nls10	15120	-105.0	-15.0	2.0	36.0	2.0	338.0
B395	106	GEO_Eqn_6.12b_nls10	15600	-105.0	-5.0	2.0	36.0	2.0	343.0
B395	106	GEO_Eqn_6.12b_nls10	15600	-208.0	116.0	4.0	38.0	-2.0	344.0
B395	106	GEO_Eqn_6.12b_nls10	15900	-208.0	123.0	4.0	38.0	-3.0	308.0
B395	106	GEO_Eqn_6.12b_nls10	16200	-208.0	130.0	4.0	38.0	-4.0	270.0
B395	106	GEO_Eqn_6.12b_nls11	0	-195.0	-588.0	-8.0	-58.0	-10.0	134.0
B395	106	GEO_Eqn_6.12b_nls11	262.5	-195.0	-582.0	-8.0	-58.0	-8.0	287.0
B395	106	GEO_Eqn_6.12b_nls11	525	-195.0	-576.0	-8.0	-58.0	-6.0	439.0
B395	106	GEO_Eqn_6.12b_nls11	525	-102.0	-134.0	-6.0	-57.0	3.0	488.0
B395	106	GEO_Eqn_6.12b_nls11	787.5	-102.0	-128.0	-6.0	-57.0	5.0	523.0
B395	106	GEO_Eqn_6.12b_nls11	1050	-102.0	-122.0	-6.0	-57.0	6.0	556.0
B395	106	GEO_Eqn_6.12b_nls11	1050	12.0	75.0	2.0	-44.0	7.0	542.0
B395	106	GEO_Eqn_6.12b_nls11	1312.5	12.0	81.0	2.0	-44.0	7.0	522.0
B395	106	GEO_Eqn_6.12b_nls11	1575	12.0	87.0	2.0	-44.0	6.0	500.0
B395	106	GEO_Eqn_6.12b_nls11	1575	66.0	116.0	2.0	-43.0	3.0	479.0
B395	106	GEO_Eqn_6.12b_nls11	1837.5	66.0	122.0	2.0	-43.0	3.0	448.0
B395	106	GEO_Eqn_6.12b_nls11	2100	66.0	128.0	2.0	-43.0	2.0	415.0
B395	106	GEO_Eqn_6.12b_nls11	2100	107.0	176.0	2.0	-36.0	-0.2	398.0
B395	106	GEO_Eqn_6.12b_nls11	2362.5	107.0	182.0	2.0	-36.0	-1.0	351.0
B395	106	GEO_Eqn_6.12b_nls11	2625	107.0	188.0	2.0	-36.0	-1.0	303.0
B395	106	GEO_Eqn_6.12b_nls11	2625	112.0	179.0	2.0	-36.0	-4.0	273.0
B395	106	GEO_Eqn_6.12b_nls11	2887.5	112.0	185.0	2.0	-36.0	-5.0	226.0
B395	106	GEO_Eqn_6.12b_nls11	3150	112.0	191.0	2.0	-36.0	-5.0	176.0
B395	106	GEO_Eqn_6.12b_nls11	3150	24.0	292.0	-1.0	-32.0	-1.0	158.0
B395	106	GEO_Eqn_6.12b_nls11	3431.25	24.0	298.0	-1.0	-32.0	-1.0	75.0
B395	106	GEO_Eqn_6.12b_nls11	3712.5	24.0	305.0	-1.0	-32.0	-0.4	-10.0
B395	106	GEO_Eqn_6.12b_nls11	3712.5	-1.0	376.0	-1.0	-32.0	1.0	-57.0
B395	106	GEO_Eqn_6.12b_nls11	3993.75	-1.0	382.0	-1.0	-32.0	1.0	-164.0
B395	106	GEO_Eqn_6.12b_nls11	4275	-1.0	389.0	-1.0	-32.0	1.0	-272.0
B395	106	GEO_Eqn_6.12b_nls11	4275	-15.0	606.0	0.5	-30.0	0.4	-312.0
B395	106	GEO_Eqn_6.12b_nls11	4556.25	-15.0	612.0	0.5	-30.0	0.3	-484.0
B395	106	GEO_Eqn_6.12b_nls11	4837.5	-15.0	619.0	0.5	-30.0	0.2	-657.0
B395	106	GEO_Eqn_6.12b_nls11	4837.5	-9.0	733.0	1.0	-29.0	-0.4	-756.0
B395	106	GEO_Eqn_6.12b_nls11	5118.75	-9.0	739.0	1.0	-29.0	-1.0	-963.0
B395	106	GEO_Eqn_6.12b_nls11	5400	-9.0	746.0	1.0	-29.0	-1.0	-1172.0
B395	106	GEO_Eqn_6.12b_nls11	5400	-15.0	-542.0	-0.2	-30.0	0.3	-1215.0
B395	106	GEO_Eqn_6.12b_nls11	5760	-15.0	-534.0	-0.3	-30.0	0.4	-1021.0
B395	106	GEO_Eqn_6.12b_nls11	6120	-15.0	-526.0	-0.3	-30.0	1.0	-830.0
B395	106	GEO_Eqn_6.12b_nls11	6480	-15.0	-518.0	-0.3	-30.0	1.0	-642.0
B395	106	GEO_Eqn_6.12b_nls11	6480	-6.0	-424.0	-0.3	-31.0	-0.2	-640.0
B395	106	GEO_Eqn_6.12b_nls11	6840	-6.0	-416.0	-0.3	-31.0	-0.1	-489.0
B395	106	GEO_Eqn_6.12b_nls11	7200	-6.0	-408.0	-0.3	-31.0	0.0	-341.0
B395	106	GEO_Eqn_6.12b_nls11	7560	-6.0	-400.0	-0.3	-31.0	0.2	-195.0
B395	106	GEO_Eqn_6.12b_nls11	7560	1.0	-309.0	-0.1	-31.0	-0.2	-193.0
B395	106	GEO_Eqn_6.12b_nls11	7920	1.0	-301.0	-0.1	-31.0	-0.2	-83.0
B395	106	GEO_Eqn_6.12b_nls11	8280	1.0	-293.0	-0.1	-31.0	-0.2	24.0
B395	106	GEO_Eqn_6.12b_nls11	8640	1.0	-285.0	-0.1	-31.0	-0.1	128.0
B395	106	GEO_Eqn_6.12b_nls11	8640	7.0	-196.0	0.0	-30.0	-1.0	129.0
B395	106	GEO_Eqn_6.12b_nls11	9000	7.0	-188.0	0.0	-30.0	-1.0	198.0
B395	106	GEO_Eqn_6.12b_nls11	9360	7.0	-180.0	0.0	-30.0	-1.0	264.0
B395	106	GEO_Eqn_6.12b_nls11	9720	7.0	-171.0	0.0	-30.0	-1.0	327.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls11	9720	14.0	-82.0	-3.0	-29.0	-1.0	329.0
B395	106	GEO_Eqn_6.12b_nls11	10080	14.0	-74.0	-3.0	-29.0	-0.2	357.0
B395	106	GEO_Eqn_6.12b_nls11	10440	13.0	-66.0	-3.0	-29.0	1.0	382.0
B395	106	GEO_Eqn_6.12b_nls11	10800	13.0	-58.0	-3.0	-29.0	2.0	404.0
B395	106	GEO_Eqn_6.12b_nls11	10800	-126.0	-546.0	2.0	-26.0	3.0	422.0
B395	106	GEO_Eqn_6.12b_nls11	11100	-126.0	-539.0	2.0	-26.0	2.0	585.0
B395	106	GEO_Eqn_6.12b_nls11	11400	-126.0	-532.0	2.0	-26.0	2.0	746.0
B395	106	GEO_Eqn_6.12b_nls11	11400	11.0	-8.0	1.0	-26.0	0.1	769.0
B395	106	GEO_Eqn_6.12b_nls11	11880	11.0	2.0	1.0	-26.0	-0.5	771.0
B395	106	GEO_Eqn_6.12b_nls11	11880	51.0	4.0	0.0	-26.0	-1.0	757.0
B395	106	GEO_Eqn_6.12b_nls11	12000	51.0	7.0	0.0	-26.0	-1.0	756.0
B395	106	GEO_Eqn_6.12b_nls11	12000	128.0	221.0	-0.5	-26.0	-1.0	735.0
B395	106	GEO_Eqn_6.12b_nls11	12300	128.0	228.0	-0.5	-26.0	-1.0	668.0
B395	106	GEO_Eqn_6.12b_nls11	12600	128.0	235.0	-0.5	-26.0	-1.0	598.0
B395	106	GEO_Eqn_6.12b_nls11	12600	138.0	95.0	-0.3	-27.0	-1.0	565.0
B395	106	GEO_Eqn_6.12b_nls11	12960	138.0	103.0	-0.3	-27.0	-0.4	529.0
B395	106	GEO_Eqn_6.12b_nls11	12960	141.0	68.0	0.0	-27.0	-0.4	464.0
B395	106	GEO_Eqn_6.12b_nls11	13200	141.0	73.0	0.0	-27.0	-0.4	448.0
B395	106	GEO_Eqn_6.12b_nls11	13200	117.0	205.0	-0.4	-27.0	-0.2	417.0
B395	106	GEO_Eqn_6.12b_nls11	13500	117.0	212.0	-0.4	-27.0	-0.1	355.0
B395	106	GEO_Eqn_6.12b_nls11	13800	117.0	218.0	-0.4	-27.0	0.1	290.0
B395	106	GEO_Eqn_6.12b_nls11	13800	61.0	30.0	-0.1	-28.0	0.4	278.0
B395	106	GEO_Eqn_6.12b_nls11	14040	61.0	36.0	-0.1	-28.0	0.4	270.0
B395	106	GEO_Eqn_6.12b_nls11	14040	50.0	82.0	0.3	-30.0	-0.4	228.0
B395	106	GEO_Eqn_6.12b_nls11	14400	50.0	90.0	0.3	-30.0	-1.0	197.0
B395	106	GEO_Eqn_6.12b_nls11	14400	-20.0	109.0	1.0	-30.0	-1.0	176.0
B395	106	GEO_Eqn_6.12b_nls11	14700	-20.0	115.0	1.0	-30.0	-1.0	143.0
B395	106	GEO_Eqn_6.12b_nls11	15000	-20.0	122.0	1.0	-30.0	-1.0	107.0
B395	106	GEO_Eqn_6.12b_nls11	15000	-95.0	4.0	0.0	-33.0	-2.0	110.0
B395	106	GEO_Eqn_6.12b_nls11	15120	-95.0	7.0	0.0	-33.0	-2.0	110.0
B395	106	GEO_Eqn_6.12b_nls11	15120	-121.0	64.0	-2.0	-36.0	-2.0	89.0
B395	106	GEO_Eqn_6.12b_nls11	15600	-121.0	74.0	-2.0	-36.0	-1.0	56.0
B395	106	GEO_Eqn_6.12b_nls11	15600	-197.0	95.0	-4.0	-38.0	2.0	45.0
B395	106	GEO_Eqn_6.12b_nls11	15900	-197.0	102.0	-4.0	-38.0	3.0	15.0
B395	106	GEO_Eqn_6.12b_nls11	16200	-197.0	109.0	-4.0	-38.0	4.0	-16.0
B395	106	GEO_Eqn_6.12b_nls12	0	-155.0	-665.0	-12.0	-91.0	-15.0	139.0
B395	106	GEO_Eqn_6.12b_nls12	262.5	-155.0	-659.0	-12.0	-91.0	-12.0	313.0
B395	106	GEO_Eqn_6.12b_nls12	525	-155.0	-653.0	-12.0	-91.0	-9.0	485.0
B395	106	GEO_Eqn_6.12b_nls12	525	-77.0	-141.0	-9.0	-89.0	5.0	541.0
B395	106	GEO_Eqn_6.12b_nls12	787.5	-77.0	-135.0	-9.0	-89.0	7.0	578.0
B395	106	GEO_Eqn_6.12b_nls12	1050	-77.0	-129.0	-9.0	-89.0	9.0	612.0
B395	106	GEO_Eqn_6.12b_nls12	1050	16.0	90.0	3.0	-65.0	10.0	598.0
B395	106	GEO_Eqn_6.12b_nls12	1312.5	16.0	96.0	3.0	-65.0	9.0	574.0
B395	106	GEO_Eqn_6.12b_nls12	1575	16.0	102.0	3.0	-65.0	9.0	548.0
B395	106	GEO_Eqn_6.12b_nls12	1575	59.0	134.0	3.0	-64.0	5.0	525.0
B395	106	GEO_Eqn_6.12b_nls12	1837.5	59.0	140.0	3.0	-64.0	4.0	489.0
B395	106	GEO_Eqn_6.12b_nls12	2100	59.0	146.0	3.0	-64.0	3.0	451.0
B395	106	GEO_Eqn_6.12b_nls12	2100	82.0	188.0	3.0	-51.0	0.1	434.0
B395	106	GEO_Eqn_6.12b_nls12	2362.5	82.0	194.0	3.0	-51.0	-1.0	384.0
B395	106	GEO_Eqn_6.12b_nls12	2625	82.0	200.0	3.0	-51.0	-2.0	332.0
B395	106	GEO_Eqn_6.12b_nls12	2625	74.0	186.0	4.0	-51.0	-6.0	302.0
B395	106	GEO_Eqn_6.12b_nls12	2887.5	74.0	192.0	4.0	-51.0	-7.0	252.0
B395	106	GEO_Eqn_6.12b_nls12	3150	74.0	198.0	4.0	-51.0	-8.0	201.0
B395	106	GEO_Eqn_6.12b_nls12	3150	48.0	293.0	-2.0	-43.0	-2.0	183.0
B395	106	GEO_Eqn_6.12b_nls12	3431.25	48.0	300.0	-2.0	-43.0	-1.0	100.0
B395	106	GEO_Eqn_6.12b_nls12	3712.5	48.0	306.0	-2.0	-43.0	-1.0	15.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls12	3712.5	10.0	378.0	-1.0	-42.0	1.0	-32.0
B395	106	GEO_Eqn_6.12b_nls12	3993.75	10.0	384.0	-1.0	-42.0	2.0	-139.0
B395	106	GEO_Eqn_6.12b_nls12	4275	10.0	390.0	-1.0	-42.0	2.0	-248.0
B395	106	GEO_Eqn_6.12b_nls12	4275	-25.0	617.0	1.0	-37.0	1.0	-287.0
B395	106	GEO_Eqn_6.12b_nls12	4556.25	-25.0	623.0	1.0	-37.0	1.0	-462.0
B395	106	GEO_Eqn_6.12b_nls12	4837.5	-25.0	630.0	1.0	-37.0	1.0	-638.0
B395	106	GEO_Eqn_6.12b_nls12	4837.5	-32.0	777.0	1.0	-36.0	-1.0	-741.0
B395	106	GEO_Eqn_6.12b_nls12	5118.75	-32.0	784.0	1.0	-36.0	-1.0	-960.0
B395	106	GEO_Eqn_6.12b_nls12	5400	-32.0	790.0	1.0	-36.0	-2.0	-1181.0
B395	106	GEO_Eqn_6.12b_nls12	5400	-15.0	-538.0	-0.4	-37.0	0.2	-1226.0
B395	106	GEO_Eqn_6.12b_nls12	5760	-15.0	-530.0	-0.4	-37.0	0.4	-1034.0
B395	106	GEO_Eqn_6.12b_nls12	6120	-15.0	-522.0	-0.4	-37.0	0.5	-845.0
B395	106	GEO_Eqn_6.12b_nls12	6480	-15.0	-514.0	-0.4	-37.0	1.0	-658.0
B395	106	GEO_Eqn_6.12b_nls12	6480	-6.0	-421.0	-0.3	-41.0	-0.2	-656.0
B395	106	GEO_Eqn_6.12b_nls12	6840	-6.0	-413.0	-0.3	-41.0	-0.1	-506.0
B395	106	GEO_Eqn_6.12b_nls12	7200	-6.0	-405.0	-0.3	-41.0	0.0	-358.0
B395	106	GEO_Eqn_6.12b_nls12	7560	-6.0	-397.0	-0.3	-41.0	0.1	-214.0
B395	106	GEO_Eqn_6.12b_nls12	7560	1.0	-308.0	-0.1	-44.0	-0.2	-212.0
B395	106	GEO_Eqn_6.12b_nls12	7920	1.0	-300.0	-0.1	-44.0	-0.2	-103.0
B395	106	GEO_Eqn_6.12b_nls12	8280	1.0	-292.0	-0.1	-44.0	-0.1	4.0
B395	106	GEO_Eqn_6.12b_nls12	8640	1.0	-284.0	-0.1	-44.0	-0.1	107.0
B395	106	GEO_Eqn_6.12b_nls12	8640	6.0	-195.0	0.0	-46.0	-1.0	109.0
B395	106	GEO_Eqn_6.12b_nls12	9000	6.0	-187.0	0.0	-46.0	-1.0	177.0
B395	106	GEO_Eqn_6.12b_nls12	9360	6.0	-179.0	0.0	-46.0	-1.0	243.0
B395	106	GEO_Eqn_6.12b_nls12	9720	6.0	-171.0	0.0	-46.0	-1.0	306.0
B395	106	GEO_Eqn_6.12b_nls12	9720	13.0	-83.0	-3.0	-46.0	-1.0	308.0
B395	106	GEO_Eqn_6.12b_nls12	10080	13.0	-75.0	-3.0	-46.0	-0.2	336.0
B395	106	GEO_Eqn_6.12b_nls12	10440	13.0	-67.0	-3.0	-46.0	1.0	361.0
B395	106	GEO_Eqn_6.12b_nls12	10800	13.0	-58.0	-3.0	-46.0	2.0	384.0
B395	106	GEO_Eqn_6.12b_nls12	10800	-130.0	-569.0	1.0	-43.0	2.0	403.0
B395	106	GEO_Eqn_6.12b_nls12	11100	-130.0	-562.0	1.0	-43.0	1.0	573.0
B395	106	GEO_Eqn_6.12b_nls12	11400	-130.0	-556.0	1.0	-43.0	1.0	741.0
B395	106	GEO_Eqn_6.12b_nls12	11400	8.0	-16.0	1.0	-42.0	0.2	767.0
B395	106	GEO_Eqn_6.12b_nls12	11880	8.0	-6.0	1.0	-42.0	-0.2	772.0
B395	106	GEO_Eqn_6.12b_nls12	11880	49.0	3.0	0.0	-41.0	-1.0	761.0
B395	106	GEO_Eqn_6.12b_nls12	12000	49.0	6.0	0.0	-41.0	-1.0	760.0
B395	106	GEO_Eqn_6.12b_nls12	12000	128.0	219.0	-0.4	-40.0	-1.0	739.0
B395	106	GEO_Eqn_6.12b_nls12	12300	128.0	225.0	-0.4	-40.0	-1.0	673.0
B395	106	GEO_Eqn_6.12b_nls12	12600	128.0	232.0	-0.4	-40.0	-1.0	604.0
B395	106	GEO_Eqn_6.12b_nls12	12600	138.0	97.0	-0.1	-40.0	-0.3	570.0
B395	106	GEO_Eqn_6.12b_nls12	12960	138.0	105.0	-0.1	-40.0	-0.3	534.0
B395	106	GEO_Eqn_6.12b_nls12	12960	141.0	69.0	-0.1	-38.0	-0.4	468.0
B395	106	GEO_Eqn_6.12b_nls12	13200	141.0	74.0	-0.1	-38.0	-0.4	451.0
B395	106	GEO_Eqn_6.12b_nls12	13200	118.0	214.0	-0.3	-38.0	-0.2	420.0
B395	106	GEO_Eqn_6.12b_nls12	13500	118.0	221.0	-0.3	-38.0	-0.1	355.0
B395	106	GEO_Eqn_6.12b_nls12	13800	118.0	228.0	-0.3	-38.0	0.0	288.0
B395	106	GEO_Eqn_6.12b_nls12	13800	61.0	35.0	-0.1	-38.0	0.2	274.0
B395	106	GEO_Eqn_6.12b_nls12	14040	61.0	40.0	-0.1	-38.0	0.2	265.0
B395	106	GEO_Eqn_6.12b_nls12	14040	50.0	90.0	0.1	-37.0	-0.4	218.0
B395	106	GEO_Eqn_6.12b_nls12	14400	50.0	98.0	0.1	-37.0	-0.4	184.0
B395	106	GEO_Eqn_6.12b_nls12	14400	-20.0	136.0	0.2	-37.0	-1.0	160.0
B395	106	GEO_Eqn_6.12b_nls12	14700	-20.0	143.0	0.2	-37.0	-1.0	118.0
B395	106	GEO_Eqn_6.12b_nls12	15000	-20.0	150.0	0.2	-37.0	-1.0	74.0
B395	106	GEO_Eqn_6.12b_nls12	15000	-94.0	7.0	0.0	-38.0	-1.0	77.0
B395	106	GEO_Eqn_6.12b_nls12	15120	-94.0	10.0	0.0	-38.0	-1.0	76.0
B395	106	GEO_Eqn_6.12b_nls12	15120	-118.0	90.0	-1.0	-39.0	-1.0	46.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls12	15600	-118.0	101.0	-1.0	-39.0	-1.0	0.2
B395	106	GEO_Eqn_6.12b_nls12	15600	-192.0	131.0	-2.0	-39.0	1.0	-18.0
B395	106	GEO_Eqn_6.12b_nls12	15900	-192.0	137.0	-2.0	-39.0	2.0	-58.0
B395	106	GEO_Eqn_6.12b_nls12	16200	-192.0	144.0	-2.0	-39.0	2.0	-100.0
B395	106	GEO_Eqn_6.12b_nls13	0	-269.0	-11.0	8.0	58.0	11.0	-53.0
B395	106	GEO_Eqn_6.12b_nls13	262.5	-269.0	-5.0	8.0	58.0	9.0	-51.0
B395	106	GEO_Eqn_6.12b_nls13	525	-269.0	1.0	8.0	58.0	7.0	-50.0
B395	106	GEO_Eqn_6.12b_nls13	525	-173.0	-106.0	6.0	57.0	-3.0	-48.0
B395	106	GEO_Eqn_6.12b_nls13	787.5	-173.0	-100.0	6.0	57.0	-5.0	-21.0
B395	106	GEO_Eqn_6.12b_nls13	1050	-173.0	-94.0	6.0	57.0	-6.0	5.0
B395	106	GEO_Eqn_6.12b_nls13	1050	-27.0	-146.0	-2.0	43.0	-7.0	11.0
B395	106	GEO_Eqn_6.12b_nls13	1312.5	-27.0	-140.0	-2.0	43.0	-7.0	49.0
B395	106	GEO_Eqn_6.12b_nls13	1575	-27.0	-135.0	-2.0	43.0	-6.0	85.0
B395	106	GEO_Eqn_6.12b_nls13	1575	63.0	-201.0	-2.0	43.0	-4.0	106.0
B395	106	GEO_Eqn_6.12b_nls13	1837.5	63.0	-195.0	-2.0	43.0	-3.0	158.0
B395	106	GEO_Eqn_6.12b_nls13	2100	63.0	-189.0	-2.0	43.0	-3.0	208.0
B395	106	GEO_Eqn_6.12b_nls13	2100	172.0	-212.0	-3.0	37.0	-1.0	222.0
B395	106	GEO_Eqn_6.12b_nls13	2362.5	172.0	-206.0	-3.0	37.0	0.1	276.0
B395	106	GEO_Eqn_6.12b_nls13	2625	172.0	-200.0	-3.0	37.0	1.0	330.0
B395	106	GEO_Eqn_6.12b_nls13	2625	235.0	-277.0	-3.0	36.0	5.0	363.0
B395	106	GEO_Eqn_6.12b_nls13	2887.5	235.0	-271.0	-3.0	36.0	6.0	435.0
B395	106	GEO_Eqn_6.12b_nls13	3150	235.0	-265.0	-3.0	36.0	6.0	505.0
B395	106	GEO_Eqn_6.12b_nls13	3150	102.0	-282.0	2.0	32.0	2.0	529.0
B395	106	GEO_Eqn_6.12b_nls13	3431.25	102.0	-276.0	2.0	32.0	1.0	607.0
B395	106	GEO_Eqn_6.12b_nls13	3712.5	102.0	-269.0	2.0	32.0	1.0	684.0
B395	106	GEO_Eqn_6.12b_nls13	3712.5	93.0	-297.0	2.0	32.0	-1.0	726.0
B395	106	GEO_Eqn_6.12b_nls13	3993.75	93.0	-291.0	2.0	32.0	-2.0	809.0
B395	106	GEO_Eqn_6.12b_nls13	4275	93.0	-285.0	2.0	32.0	-2.0	890.0
B395	106	GEO_Eqn_6.12b_nls13	4275	-27.0	-77.0	-1.0	29.0	-1.0	923.0
B395	106	GEO_Eqn_6.12b_nls13	4556.25	-27.0	-71.0	-1.0	29.0	-1.0	944.0
B395	106	GEO_Eqn_6.12b_nls13	4837.5	-27.0	-64.0	-1.0	29.0	-1.0	963.0
B395	106	GEO_Eqn_6.12b_nls13	4837.5	-168.0	466.0	-2.0	29.0	1.0	948.0
B395	106	GEO_Eqn_6.12b_nls13	5118.75	-168.0	472.0	-2.0	29.0	1.0	816.0
B395	106	GEO_Eqn_6.12b_nls13	5400	-168.0	478.0	-2.0	29.0	2.0	682.0
B395	106	GEO_Eqn_6.12b_nls13	5400	15.0	141.0	1.0	31.0	1.0	665.0
B395	106	GEO_Eqn_6.12b_nls13	5760	15.0	149.0	1.0	31.0	0.1	613.0
B395	106	GEO_Eqn_6.12b_nls13	6120	15.0	157.0	1.0	31.0	-0.4	558.0
B395	106	GEO_Eqn_6.12b_nls13	6480	15.0	165.0	1.0	31.0	-1.0	500.0
B395	106	GEO_Eqn_6.12b_nls13	6480	6.0	255.0	0.2	35.0	-0.1	498.0
B395	106	GEO_Eqn_6.12b_nls13	6840	6.0	264.0	0.2	35.0	-0.2	405.0
B395	106	GEO_Eqn_6.12b_nls13	7200	6.0	272.0	0.2	35.0	-0.2	309.0
B395	106	GEO_Eqn_6.12b_nls13	7560	6.0	280.0	0.2	35.0	-0.3	209.0
B395	106	GEO_Eqn_6.12b_nls13	7560	0.1	371.0	0.1	39.0	0.1	208.0
B395	106	GEO_Eqn_6.12b_nls13	7920	0.1	379.0	0.1	39.0	0.1	73.0
B395	106	GEO_Eqn_6.12b_nls13	8280	0.1	387.0	0.1	39.0	0.1	-65.0
B395	106	GEO_Eqn_6.12b_nls13	8640	0.0	395.0	0.1	39.0	0.0	-206.0
B395	106	GEO_Eqn_6.12b_nls13	8640	-6.0	488.0	0.0	41.0	0.5	-208.0
B395	106	GEO_Eqn_6.12b_nls13	9000	-6.0	496.0	0.0	41.0	0.5	-385.0
B395	106	GEO_Eqn_6.12b_nls13	9360	-6.0	504.0	0.0	41.0	0.4	-565.0
B395	106	GEO_Eqn_6.12b_nls13	9720	-6.0	512.0	0.0	41.0	0.4	-748.0
B395	106	GEO_Eqn_6.12b_nls13	9720	-15.0	609.0	2.0	43.0	1.0	-750.0
B395	106	GEO_Eqn_6.12b_nls13	10080	-15.0	617.0	2.0	43.0	0.2	-971.0
B395	106	GEO_Eqn_6.12b_nls13	10440	-15.0	625.0	2.0	43.0	-1.0	-1195.0
B395	106	GEO_Eqn_6.12b_nls13	10800	-15.0	633.0	2.0	43.0	-1.0	-1421.0
B395	106	GEO_Eqn_6.12b_nls13	10800	103.0	-689.0	-1.0	41.0	-1.0	-1380.0
B395	106	GEO_Eqn_6.12b_nls13	11100	103.0	-682.0	-1.0	41.0	-1.0	-1174.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls13	11400	103.0	-675.0	-1.0	41.0	-1.0	-971.0
B395	106	GEO_Eqn_6.12b_nls13	11400	47.0	-483.0	-1.0	41.0	-0.1	-851.0
B395	106	GEO_Eqn_6.12b_nls13	11880	47.0	-472.0	-1.0	41.0	0.2	-622.0
B395	106	GEO_Eqn_6.12b_nls13	11880	35.0	-48.0	0.0	40.0	1.0	-468.0
B395	106	GEO_Eqn_6.12b_nls13	12000	35.0	-46.0	0.0	40.0	1.0	-462.0
B395	106	GEO_Eqn_6.12b_nls13	12000	21.0	-448.0	0.4	40.0	1.0	-454.0
B395	106	GEO_Eqn_6.12b_nls13	12300	21.0	-442.0	0.4	40.0	1.0	-320.0
B395	106	GEO_Eqn_6.12b_nls13	12600	21.0	-435.0	0.4	40.0	1.0	-189.0
B395	106	GEO_Eqn_6.12b_nls13	12600	28.0	-158.0	0.1	40.0	0.3	-132.0
B395	106	GEO_Eqn_6.12b_nls13	12960	28.0	-150.0	0.1	40.0	0.2	-77.0
B395	106	GEO_Eqn_6.12b_nls13	12960	33.0	-68.0	0.1	40.0	0.2	1.0
B395	106	GEO_Eqn_6.12b_nls13	13200	33.0	-63.0	0.0	40.0	0.2	17.0
B395	106	GEO_Eqn_6.12b_nls13	13200	39.0	-209.0	0.3	39.0	0.1	41.0
B395	106	GEO_Eqn_6.12b_nls13	13500	39.0	-202.0	0.3	39.0	0.0	102.0
B395	106	GEO_Eqn_6.12b_nls13	13800	39.0	-196.0	0.3	39.0	-0.1	162.0
B395	106	GEO_Eqn_6.12b_nls13	13800	28.0	-51.0	0.0	40.0	-0.2	188.0
B395	106	GEO_Eqn_6.12b_nls13	14040	28.0	-45.0	0.0	40.0	-0.2	199.0
B395	106	GEO_Eqn_6.12b_nls13	14040	28.0	-65.0	-0.1	40.0	0.2	240.0
B395	106	GEO_Eqn_6.12b_nls13	14400	28.0	-57.0	-0.1	40.0	0.3	262.0
B395	106	GEO_Eqn_6.12b_nls13	14400	-2.0	-150.0	-0.2	40.0	0.4	284.0
B395	106	GEO_Eqn_6.12b_nls13	14700	-2.0	-143.0	-0.2	40.0	1.0	328.0
B395	106	GEO_Eqn_6.12b_nls13	15000	-2.0	-137.0	-0.2	40.0	1.0	370.0
B395	106	GEO_Eqn_6.12b_nls13	15000	-66.0	-11.0	0.0	40.0	1.0	382.0
B395	106	GEO_Eqn_6.12b_nls13	15120	-66.0	-9.0	0.0	40.0	1.0	384.0
B395	106	GEO_Eqn_6.12b_nls13	15120	-87.0	-73.0	1.0	41.0	1.0	411.0
B395	106	GEO_Eqn_6.12b_nls13	15600	-87.0	-62.0	1.0	41.0	1.0	443.0
B395	106	GEO_Eqn_6.12b_nls13	15600	-182.0	39.0	2.0	42.0	-1.0	457.0
B395	106	GEO_Eqn_6.12b_nls13	15900	-182.0	46.0	2.0	42.0	-1.0	445.0
B395	106	GEO_Eqn_6.12b_nls13	16200	-182.0	52.0	2.0	42.0	-2.0	430.0
B395	106	GEO_Eqn_6.12b_nls14	0	-237.0	-33.0	4.0	37.0	6.0	-52.0
B395	106	GEO_Eqn_6.12b_nls14	262.5	-237.0	-27.0	4.0	37.0	5.0	-45.0
B395	106	GEO_Eqn_6.12b_nls14	525	-237.0	-21.0	4.0	37.0	4.0	-38.0
B395	106	GEO_Eqn_6.12b_nls14	525	-157.0	-97.0	4.0	36.0	-1.0	-34.0
B395	106	GEO_Eqn_6.12b_nls14	787.5	-157.0	-91.0	4.0	36.0	-2.0	-9.0
B395	106	GEO_Eqn_6.12b_nls14	1050	-157.0	-85.0	4.0	36.0	-3.0	14.0
B395	106	GEO_Eqn_6.12b_nls14	1050	-31.0	-133.0	-1.0	31.0	-4.0	19.0
B395	106	GEO_Eqn_6.12b_nls14	1312.5	-31.0	-127.0	-1.0	31.0	-4.0	53.0
B395	106	GEO_Eqn_6.12b_nls14	1575	-31.0	-121.0	-1.0	31.0	-3.0	86.0
B395	106	GEO_Eqn_6.12b_nls14	1575	53.0	-189.0	-1.0	31.0	-2.0	105.0
B395	106	GEO_Eqn_6.12b_nls14	1837.5	53.0	-183.0	-1.0	31.0	-2.0	154.0
B395	106	GEO_Eqn_6.12b_nls14	2100	53.0	-177.0	-1.0	31.0	-2.0	201.0
B395	106	GEO_Eqn_6.12b_nls14	2100	156.0	-204.0	-2.0	29.0	-0.4	214.0
B395	106	GEO_Eqn_6.12b_nls14	2362.5	156.0	-198.0	-2.0	29.0	0.0	267.0
B395	106	GEO_Eqn_6.12b_nls14	2625	156.0	-192.0	-2.0	29.0	0.5	318.0
B395	106	GEO_Eqn_6.12b_nls14	2625	216.0	-270.0	-2.0	29.0	3.0	350.0
B395	106	GEO_Eqn_6.12b_nls14	2887.5	216.0	-264.0	-2.0	29.0	3.0	420.0
B395	106	GEO_Eqn_6.12b_nls14	3150	216.0	-259.0	-2.0	29.0	4.0	489.0
B395	106	GEO_Eqn_6.12b_nls14	3150	100.0	-279.0	1.0	28.0	1.0	512.0
B395	106	GEO_Eqn_6.12b_nls14	3431.25	100.0	-273.0	1.0	28.0	1.0	590.0
B395	106	GEO_Eqn_6.12b_nls14	3712.5	100.0	-266.0	1.0	28.0	1.0	666.0
B395	106	GEO_Eqn_6.12b_nls14	3712.5	90.0	-298.0	1.0	28.0	-1.0	708.0
B395	106	GEO_Eqn_6.12b_nls14	3993.75	90.0	-292.0	1.0	28.0	-1.0	791.0
B395	106	GEO_Eqn_6.12b_nls14	4275	90.0	-286.0	1.0	28.0	-1.0	872.0
B395	106	GEO_Eqn_6.12b_nls14	4275	-26.0	-87.0	-1.0	28.0	-1.0	905.0
B395	106	GEO_Eqn_6.12b_nls14	4556.25	-26.0	-81.0	-1.0	28.0	-1.0	929.0
B395	106	GEO_Eqn_6.12b_nls14	4837.5	-26.0	-75.0	-1.0	28.0	-0.3	951.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls14	4837.5	-165.0	438.0	-1.0	28.0	1.0	938.0
B395	106	GEO_Eqn_6.12b_nls14	5118.75	-165.0	444.0	-1.0	28.0	1.0	814.0
B395	106	GEO_Eqn_6.12b_nls14	5400	-165.0	451.0	-1.0	28.0	1.0	688.0
B395	106	GEO_Eqn_6.12b_nls14	5400	14.0	143.0	1.0	30.0	1.0	672.0
B395	106	GEO_Eqn_6.12b_nls14	5760	14.0	151.0	1.0	30.0	0.1	619.0
B395	106	GEO_Eqn_6.12b_nls14	6120	14.0	159.0	1.0	30.0	-0.4	564.0
B395	106	GEO_Eqn_6.12b_nls14	6480	14.0	167.0	1.0	30.0	-1.0	505.0
B395	106	GEO_Eqn_6.12b_nls14	6480	6.0	256.0	0.2	32.0	-0.1	504.0
B395	106	GEO_Eqn_6.12b_nls14	6840	6.0	264.0	0.2	32.0	-0.2	410.0
B395	106	GEO_Eqn_6.12b_nls14	7200	6.0	272.0	0.2	32.0	-0.3	313.0
B395	106	GEO_Eqn_6.12b_nls14	7560	6.0	280.0	0.2	32.0	-0.3	214.0
B395	106	GEO_Eqn_6.12b_nls14	7560	0.4	370.0	0.0	33.0	0.1	212.0
B395	106	GEO_Eqn_6.12b_nls14	7920	0.4	378.0	0.0	33.0	0.1	78.0
B395	106	GEO_Eqn_6.12b_nls14	8280	0.4	387.0	0.0	33.0	0.1	-60.0
B395	106	GEO_Eqn_6.12b_nls14	8640	0.4	395.0	0.0	33.0	0.0	-201.0
B395	106	GEO_Eqn_6.12b_nls14	8640	-6.0	487.0	0.0	34.0	0.5	-203.0
B395	106	GEO_Eqn_6.12b_nls14	9000	-6.0	495.0	0.0	34.0	0.5	-379.0
B395	106	GEO_Eqn_6.12b_nls14	9360	-6.0	503.0	0.0	34.0	0.5	-559.0
B395	106	GEO_Eqn_6.12b_nls14	9720	-6.0	511.0	0.0	34.0	1.0	-742.0
B395	106	GEO_Eqn_6.12b_nls14	9720	-15.0	607.0	2.0	33.0	1.0	-744.0
B395	106	GEO_Eqn_6.12b_nls14	10080	-15.0	615.0	2.0	33.0	0.3	-964.0
B395	106	GEO_Eqn_6.12b_nls14	10440	-15.0	623.0	2.0	33.0	-1.0	-1186.0
B395	106	GEO_Eqn_6.12b_nls14	10800	-15.0	631.0	2.0	33.0	-1.0	-1412.0
B395	106	GEO_Eqn_6.12b_nls14	10800	116.0	-688.0	-1.0	33.0	-2.0	-1371.0
B395	106	GEO_Eqn_6.12b_nls14	11100	116.0	-681.0	-1.0	33.0	-2.0	-1165.0
B395	106	GEO_Eqn_6.12b_nls14	11400	116.0	-675.0	-1.0	33.0	-1.0	-962.0
B395	106	GEO_Eqn_6.12b_nls14	11400	60.0	-483.0	-1.0	33.0	0.0	-843.0
B395	106	GEO_Eqn_6.12b_nls14	11880	60.0	-472.0	-1.0	33.0	0.4	-614.0
B395	106	GEO_Eqn_6.12b_nls14	11880	48.0	-49.0	0.0	34.0	1.0	-459.0
B395	106	GEO_Eqn_6.12b_nls14	12000	48.0	-46.0	0.0	34.0	1.0	-453.0
B395	106	GEO_Eqn_6.12b_nls14	12000	33.0	-449.0	0.4	34.0	1.0	-445.0
B395	106	GEO_Eqn_6.12b_nls14	12300	33.0	-442.0	0.4	34.0	1.0	-311.0
B395	106	GEO_Eqn_6.12b_nls14	12600	33.0	-435.0	0.4	34.0	1.0	-180.0
B395	106	GEO_Eqn_6.12b_nls14	12600	37.0	-158.0	0.3	35.0	0.4	-123.0
B395	106	GEO_Eqn_6.12b_nls14	12960	37.0	-150.0	0.2	35.0	0.3	-68.0
B395	106	GEO_Eqn_6.12b_nls14	12960	42.0	-68.0	0.0	36.0	0.2	10.0
B395	106	GEO_Eqn_6.12b_nls14	13200	42.0	-63.0	0.0	36.0	0.2	26.0
B395	106	GEO_Eqn_6.12b_nls14	13200	45.0	-203.0	0.3	37.0	0.0	49.0
B395	106	GEO_Eqn_6.12b_nls14	13500	45.0	-196.0	0.3	37.0	-0.1	109.0
B395	106	GEO_Eqn_6.12b_nls14	13800	44.0	-189.0	0.3	37.0	-0.2	167.0
B395	106	GEO_Eqn_6.12b_nls14	13800	28.0	-47.0	0.1	38.0	-0.4	191.0
B395	106	GEO_Eqn_6.12b_nls14	14040	28.0	-42.0	0.1	38.0	-0.4	202.0
B395	106	GEO_Eqn_6.12b_nls14	14040	27.0	-58.0	-0.4	41.0	0.2	239.0
B395	106	GEO_Eqn_6.12b_nls14	14400	27.0	-50.0	-0.4	41.0	0.4	259.0
B395	106	GEO_Eqn_6.12b_nls14	14400	-10.0	-122.0	-1.0	41.0	1.0	278.0
B395	106	GEO_Eqn_6.12b_nls14	14700	-10.0	-116.0	-1.0	41.0	1.0	314.0
B395	106	GEO_Eqn_6.12b_nls14	15000	-10.0	-109.0	-1.0	41.0	1.0	347.0
B395	106	GEO_Eqn_6.12b_nls14	15000	-82.0	-8.0	0.0	44.0	2.0	359.0
B395	106	GEO_Eqn_6.12b_nls14	15120	-82.0	-5.0	0.0	44.0	2.0	360.0
B395	106	GEO_Eqn_6.12b_nls14	15120	-104.0	-43.0	2.0	48.0	2.0	377.0
B395	106	GEO_Eqn_6.12b_nls14	15600	-104.0	-32.0	2.0	48.0	1.0	395.0
B395	106	GEO_Eqn_6.12b_nls14	15600	-208.0	87.0	4.0	49.0	-2.0	402.0
B395	106	GEO_Eqn_6.12b_nls14	15900	-208.0	94.0	4.0	49.0	-3.0	375.0
B395	106	GEO_Eqn_6.12b_nls14	16200	-208.0	101.0	4.0	49.0	-4.0	346.0
B395	106	GEO_Eqn_6.12b_nls15	0	-206.0	-581.0	-7.0	-57.0	-10.0	142.0
B395	106	GEO_Eqn_6.12b_nls15	262.5	-206.0	-575.0	-7.0	-57.0	-8.0	294.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls15	525	-206.0	-569.0	-7.0	-57.0	-6.0	444.0
B395	106	GEO_Eqn_6.12b_nls15	525	-108.0	-127.0	-6.0	-57.0	3.0	491.0
B395	106	GEO_Eqn_6.12b_nls15	787.5	-108.0	-121.0	-6.0	-57.0	4.0	524.0
B395	106	GEO_Eqn_6.12b_nls15	1050	-108.0	-115.0	-6.0	-57.0	6.0	555.0
B395	106	GEO_Eqn_6.12b_nls15	1050	12.0	88.0	2.0	-46.0	7.0	540.0
B395	106	GEO_Eqn_6.12b_nls15	1312.5	12.0	94.0	2.0	-46.0	6.0	516.0
B395	106	GEO_Eqn_6.12b_nls15	1575	12.0	100.0	2.0	-46.0	6.0	491.0
B395	106	GEO_Eqn_6.12b_nls15	1575	68.0	136.0	2.0	-46.0	3.0	468.0
B395	106	GEO_Eqn_6.12b_nls15	1837.5	68.0	142.0	2.0	-46.0	2.0	431.0
B395	106	GEO_Eqn_6.12b_nls15	2100	68.0	148.0	2.0	-46.0	2.0	393.0
B395	106	GEO_Eqn_6.12b_nls15	2100	113.0	208.0	2.0	-40.0	-0.2	374.0
B395	106	GEO_Eqn_6.12b_nls15	2362.5	113.0	214.0	2.0	-40.0	-1.0	319.0
B395	106	GEO_Eqn_6.12b_nls15	2625	113.0	220.0	2.0	-40.0	-1.0	262.0
B395	106	GEO_Eqn_6.12b_nls15	2625	120.0	224.0	2.0	-40.0	-4.0	226.0
B395	106	GEO_Eqn_6.12b_nls15	2887.5	120.0	230.0	2.0	-40.0	-5.0	167.0
B395	106	GEO_Eqn_6.12b_nls15	3150	120.0	236.0	2.0	-40.0	-5.0	105.0
B395	106	GEO_Eqn_6.12b_nls15	3150	-5.0	356.0	-1.0	-37.0	-1.0	82.0
B395	106	GEO_Eqn_6.12b_nls15	3431.25	-5.0	362.0	-1.0	-37.0	-1.0	-19.0
B395	106	GEO_Eqn_6.12b_nls15	3712.5	-5.0	368.0	-1.0	-37.0	-0.4	-122.0
B395	106	GEO_Eqn_6.12b_nls15	3712.5	-20.0	450.0	-1.0	-36.0	1.0	-180.0
B395	106	GEO_Eqn_6.12b_nls15	3993.75	-20.0	456.0	-1.0	-36.0	1.0	-308.0
B395	106	GEO_Eqn_6.12b_nls15	4275	-20.0	463.0	-1.0	-36.0	1.0	-437.0
B395	106	GEO_Eqn_6.12b_nls15	4275	-5.0	668.0	0.4	-35.0	0.4	-486.0
B395	106	GEO_Eqn_6.12b_nls15	4556.25	-5.0	674.0	0.4	-35.0	0.3	-675.0
B395	106	GEO_Eqn_6.12b_nls15	4837.5	-5.0	680.0	0.4	-35.0	0.1	-865.0
B395	106	GEO_Eqn_6.12b_nls15	4837.5	30.0	709.0	1.0	-35.0	-0.4	-970.0
B395	106	GEO_Eqn_6.12b_nls15	5118.75	30.0	715.0	1.0	-35.0	-1.0	-1171.0
B395	106	GEO_Eqn_6.12b_nls15	5400	30.0	721.0	1.0	-35.0	-1.0	-1373.0
B395	106	GEO_Eqn_6.12b_nls15	5400	-15.0	-620.0	-0.3	-36.0	0.3	-1416.0
B395	106	GEO_Eqn_6.12b_nls15	5760	-15.0	-612.0	-0.3	-36.0	0.4	-1194.0
B395	106	GEO_Eqn_6.12b_nls15	6120	-15.0	-604.0	-0.3	-36.0	0.5	-975.0
B395	106	GEO_Eqn_6.12b_nls15	6480	-15.0	-596.0	-0.3	-36.0	1.0	-759.0
B395	106	GEO_Eqn_6.12b_nls15	6480	-5.0	-501.0	-0.3	-37.0	-0.2	-757.0
B395	106	GEO_Eqn_6.12b_nls15	6840	-5.0	-493.0	-0.3	-37.0	-0.1	-578.0
B395	106	GEO_Eqn_6.12b_nls15	7200	-5.0	-485.0	-0.3	-37.0	0.0	-401.0
B395	106	GEO_Eqn_6.12b_nls15	7560	-5.0	-477.0	-0.3	-37.0	0.2	-228.0
B395	106	GEO_Eqn_6.12b_nls15	7560	1.0	-386.0	-0.1	-38.0	-0.2	-226.0
B395	106	GEO_Eqn_6.12b_nls15	7920	1.0	-378.0	-0.1	-38.0	-0.2	-88.0
B395	106	GEO_Eqn_6.12b_nls15	8280	1.0	-370.0	-0.1	-38.0	-0.1	46.0
B395	106	GEO_Eqn_6.12b_nls15	8640	1.0	-362.0	-0.1	-38.0	-0.1	178.0
B395	106	GEO_Eqn_6.12b_nls15	8640	7.0	-273.0	0.0	-37.0	-1.0	180.0
B395	106	GEO_Eqn_6.12b_nls15	9000	7.0	-265.0	0.0	-37.0	-1.0	277.0
B395	106	GEO_Eqn_6.12b_nls15	9360	7.0	-257.0	0.0	-37.0	-1.0	371.0
B395	106	GEO_Eqn_6.12b_nls15	9720	7.0	-249.0	0.0	-37.0	-1.0	462.0
B395	106	GEO_Eqn_6.12b_nls15	9720	13.0	-160.0	-3.0	-36.0	-1.0	463.0
B395	106	GEO_Eqn_6.12b_nls15	10080	13.0	-152.0	-3.0	-36.0	-0.2	520.0
B395	106	GEO_Eqn_6.12b_nls15	10440	13.0	-144.0	-3.0	-36.0	1.0	573.0
B395	106	GEO_Eqn_6.12b_nls15	10800	13.0	-136.0	-3.0	-36.0	2.0	624.0
B395	106	GEO_Eqn_6.12b_nls15	10800	-132.0	-545.0	2.0	-34.0	3.0	640.0
B395	106	GEO_Eqn_6.12b_nls15	11100	-132.0	-539.0	2.0	-34.0	2.0	802.0
B395	106	GEO_Eqn_6.12b_nls15	11400	-132.0	-532.0	2.0	-34.0	2.0	963.0
B395	106	GEO_Eqn_6.12b_nls15	11400	27.0	44.0	1.0	-34.0	0.0	977.0
B395	106	GEO_Eqn_6.12b_nls15	11880	27.0	55.0	1.0	-34.0	-0.5	953.0
B395	106	GEO_Eqn_6.12b_nls15	11880	72.0	10.0	0.0	-34.0	-1.0	921.0
B395	106	GEO_Eqn_6.12b_nls15	12000	72.0	13.0	0.0	-34.0	-1.0	919.0
B395	106	GEO_Eqn_6.12b_nls15	12000	159.0	301.0	-0.5	-34.0	-1.0	895.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls15	12300	159.0	308.0	-0.5	-34.0	-1.0	803.0
B395	106	GEO_Eqn_6.12b_nls15	12600	159.0	315.0	-0.5	-34.0	-1.0	710.0
B395	106	GEO_Eqn_6.12b_nls15	12600	165.0	127.0	-0.3	-34.0	-0.5	666.0
B395	106	GEO_Eqn_6.12b_nls15	12960	165.0	135.0	-0.3	-34.0	-0.4	619.0
B395	106	GEO_Eqn_6.12b_nls15	12960	166.0	85.0	0.0	-34.0	-0.4	536.0
B395	106	GEO_Eqn_6.12b_nls15	13200	166.0	90.0	0.0	-34.0	-0.4	516.0
B395	106	GEO_Eqn_6.12b_nls15	13200	133.0	257.0	-0.4	-35.0	-0.2	479.0
B395	106	GEO_Eqn_6.12b_nls15	13500	133.0	264.0	-0.4	-35.0	-0.1	401.0
B395	106	GEO_Eqn_6.12b_nls15	13800	133.0	271.0	-0.4	-35.0	0.1	321.0
B395	106	GEO_Eqn_6.12b_nls15	13800	63.0	41.0	-0.1	-35.0	0.3	304.0
B395	106	GEO_Eqn_6.12b_nls15	14040	63.0	46.0	-0.1	-35.0	0.4	294.0
B395	106	GEO_Eqn_6.12b_nls15	14040	50.0	101.0	0.3	-37.0	-0.4	241.0
B395	106	GEO_Eqn_6.12b_nls15	14400	50.0	109.0	0.3	-37.0	-1.0	203.0
B395	106	GEO_Eqn_6.12b_nls15	14400	-34.0	145.0	1.0	-37.0	-1.0	177.0
B395	106	GEO_Eqn_6.12b_nls15	14700	-34.0	151.0	1.0	-37.0	-1.0	133.0
B395	106	GEO_Eqn_6.12b_nls15	15000	-34.0	158.0	1.0	-37.0	-1.0	86.0
B395	106	GEO_Eqn_6.12b_nls15	15000	-121.0	7.0	0.0	-39.0	-2.0	89.0
B395	106	GEO_Eqn_6.12b_nls15	15120	-121.0	9.0	0.0	-39.0	-2.0	88.0
B395	106	GEO_Eqn_6.12b_nls15	15120	-151.0	87.0	-2.0	-42.0	-2.0	60.0
B395	106	GEO_Eqn_6.12b_nls15	15600	-151.0	97.0	-2.0	-42.0	-1.0	16.0
B395	106	GEO_Eqn_6.12b_nls15	15600	-237.0	120.0	-4.0	-43.0	2.0	-0.2
B395	106	GEO_Eqn_6.12b_nls15	15900	-237.0	126.0	-4.0	-43.0	3.0	-37.0
B395	106	GEO_Eqn_6.12b_nls15	16200	-237.0	133.0	-4.0	-43.0	4.0	-76.0
B395	106	GEO_Eqn_6.12b_nls16	0	-167.0	-686.0	-11.0	-96.0	-14.0	149.0
B395	106	GEO_Eqn_6.12b_nls16	262.5	-167.0	-680.0	-11.0	-96.0	-11.0	328.0
B395	106	GEO_Eqn_6.12b_nls16	525	-167.0	-674.0	-11.0	-96.0	-9.0	506.0
B395	106	GEO_Eqn_6.12b_nls16	525	-82.0	-142.0	-9.0	-95.0	4.0	564.0
B395	106	GEO_Eqn_6.12b_nls16	787.5	-82.0	-136.0	-9.0	-95.0	7.0	600.0
B395	106	GEO_Eqn_6.12b_nls16	1050	-82.0	-130.0	-9.0	-95.0	9.0	635.0
B395	106	GEO_Eqn_6.12b_nls16	1050	19.0	104.0	3.0	-72.0	10.0	619.0
B395	106	GEO_Eqn_6.12b_nls16	1312.5	19.0	110.0	3.0	-72.0	9.0	591.0
B395	106	GEO_Eqn_6.12b_nls16	1575	19.0	116.0	3.0	-72.0	8.0	562.0
B395	106	GEO_Eqn_6.12b_nls16	1575	64.0	159.0	3.0	-71.0	4.0	536.0
B395	106	GEO_Eqn_6.12b_nls16	1837.5	64.0	165.0	3.0	-71.0	3.0	493.0
B395	106	GEO_Eqn_6.12b_nls16	2100	64.0	170.0	3.0	-71.0	3.0	450.0
B395	106	GEO_Eqn_6.12b_nls16	2100	87.0	225.0	3.0	-60.0	0.0	429.0
B395	106	GEO_Eqn_6.12b_nls16	2362.5	87.0	231.0	3.0	-60.0	-1.0	369.0
B395	106	GEO_Eqn_6.12b_nls16	2625	87.0	237.0	3.0	-60.0	-2.0	308.0
B395	106	GEO_Eqn_6.12b_nls16	2625	79.0	235.0	3.0	-59.0	-6.0	271.0
B395	106	GEO_Eqn_6.12b_nls16	2887.5	79.0	241.0	3.0	-59.0	-7.0	209.0
B395	106	GEO_Eqn_6.12b_nls16	3150	79.0	247.0	3.0	-59.0	-7.0	145.0
B395	106	GEO_Eqn_6.12b_nls16	3150	28.0	359.0	-2.0	-52.0	-2.0	122.0
B395	106	GEO_Eqn_6.12b_nls16	3431.25	28.0	366.0	-2.0	-52.0	-1.0	20.0
B395	106	GEO_Eqn_6.12b_nls16	3712.5	28.0	372.0	-2.0	-52.0	-1.0	-84.0
B395	106	GEO_Eqn_6.12b_nls16	3712.5	-5.0	454.0	-1.0	-51.0	1.0	-141.0
B395	106	GEO_Eqn_6.12b_nls16	3993.75	-5.0	460.0	-1.0	-51.0	1.0	-270.0
B395	106	GEO_Eqn_6.12b_nls16	4275	-5.0	467.0	-1.0	-51.0	2.0	-400.0
B395	106	GEO_Eqn_6.12b_nls16	4275	-20.0	685.0	1.0	-46.0	1.0	-449.0
B395	106	GEO_Eqn_6.12b_nls16	4556.25	-20.0	691.0	1.0	-46.0	1.0	-642.0
B395	106	GEO_Eqn_6.12b_nls16	4837.5	-20.0	697.0	1.0	-46.0	1.0	-837.0
B395	106	GEO_Eqn_6.12b_nls16	4837.5	-3.0	772.0	1.0	-46.0	-1.0	-947.0
B395	106	GEO_Eqn_6.12b_nls16	5118.75	-3.0	778.0	1.0	-46.0	-1.0	-1165.0
B395	106	GEO_Eqn_6.12b_nls16	5400	-3.0	784.0	1.0	-46.0	-2.0	-1384.0
B395	106	GEO_Eqn_6.12b_nls16	5400	-14.0	-615.0	-0.4	-47.0	0.1	-1430.0
B395	106	GEO_Eqn_6.12b_nls16	5760	-14.0	-607.0	-0.4	-47.0	0.3	-1210.0
B395	106	GEO_Eqn_6.12b_nls16	6120	-14.0	-599.0	-0.4	-47.0	0.5	-993.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B395	106	GEO_Eqn_6.12b_nls16	6480	-14.0	-591.0	-0.4	-47.0	1.0	-779.0
B395	106	GEO_Eqn_6.12b_nls16	6480	-5.0	-498.0	-0.3	-51.0	-0.1	-777.0
B395	106	GEO_Eqn_6.12b_nls16	6840	-5.0	-490.0	-0.3	-51.0	0.0	-599.0
B395	106	GEO_Eqn_6.12b_nls16	7200	-5.0	-482.0	-0.3	-51.0	0.1	-424.0
B395	106	GEO_Eqn_6.12b_nls16	7560	-5.0	-474.0	-0.3	-51.0	0.2	-252.0
B395	106	GEO_Eqn_6.12b_nls16	7560	1.0	-385.0	-0.1	-55.0	-0.2	-249.0
B395	106	GEO_Eqn_6.12b_nls16	7920	1.0	-377.0	-0.1	-55.0	-0.2	-112.0
B395	106	GEO_Eqn_6.12b_nls16	8280	1.0	-368.0	-0.1	-55.0	-0.1	22.0
B395	106	GEO_Eqn_6.12b_nls16	8640	1.0	-360.0	-0.1	-55.0	-0.1	153.0
B395	106	GEO_Eqn_6.12b_nls16	8640	6.0	-273.0	0.0	-57.0	-1.0	155.0
B395	106	GEO_Eqn_6.12b_nls16	9000	6.0	-265.0	0.0	-57.0	-1.0	251.0
B395	106	GEO_Eqn_6.12b_nls16	9360	6.0	-257.0	0.0	-57.0	-1.0	345.0
B395	106	GEO_Eqn_6.12b_nls16	9720	6.0	-248.0	0.0	-57.0	-1.0	436.0
B395	106	GEO_Eqn_6.12b_nls16	9720	12.0	-161.0	-3.0	-58.0	-1.0	438.0
B395	106	GEO_Eqn_6.12b_nls16	10080	12.0	-153.0	-3.0	-58.0	-0.2	494.0
B395	106	GEO_Eqn_6.12b_nls16	10440	12.0	-145.0	-3.0	-58.0	1.0	548.0
B395	106	GEO_Eqn_6.12b_nls16	10800	12.0	-137.0	-3.0	-58.0	2.0	598.0
B395	106	GEO_Eqn_6.12b_nls16	10800	-132.0	-569.0	1.0	-55.0	2.0	616.0
B395	106	GEO_Eqn_6.12b_nls16	11100	-132.0	-562.0	1.0	-55.0	1.0	785.0
B395	106	GEO_Eqn_6.12b_nls16	11400	-132.0	-555.0	1.0	-55.0	1.0	953.0
B395	106	GEO_Eqn_6.12b_nls16	11400	28.0	35.0	1.0	-54.0	0.2	969.0
B395	106	GEO_Eqn_6.12b_nls16	11880	28.0	46.0	1.0	-54.0	-0.2	950.0
B395	106	GEO_Eqn_6.12b_nls16	11880	72.0	9.0	0.0	-53.0	-1.0	920.0
B395	106	GEO_Eqn_6.12b_nls16	12000	72.0	12.0	0.0	-53.0	-1.0	919.0
B395	106	GEO_Eqn_6.12b_nls16	12000	158.0	298.0	-0.4	-52.0	-1.0	894.0
B395	106	GEO_Eqn_6.12b_nls16	12300	158.0	305.0	-0.4	-52.0	-1.0	804.0
B395	106	GEO_Eqn_6.12b_nls16	12600	158.0	312.0	-0.4	-52.0	-1.0	711.0
B395	106	GEO_Eqn_6.12b_nls16	12600	164.0	128.0	-0.1	-51.0	-0.3	667.0
B395	106	GEO_Eqn_6.12b_nls16	12960	164.0	137.0	-0.1	-51.0	-0.3	619.0
B395	106	GEO_Eqn_6.12b_nls16	12960	165.0	86.0	-0.1	-50.0	-0.4	536.0
B395	106	GEO_Eqn_6.12b_nls16	13200	165.0	91.0	-0.1	-50.0	-0.4	515.0
B395	106	GEO_Eqn_6.12b_nls16	13200	131.0	268.0	-0.3	-50.0	-0.2	478.0
B395	106	GEO_Eqn_6.12b_nls16	13500	131.0	274.0	-0.3	-50.0	-0.1	396.0
B395	106	GEO_Eqn_6.12b_nls16	13800	131.0	281.0	-0.3	-50.0	0.0	313.0
B395	106	GEO_Eqn_6.12b_nls16	13800	61.0	45.0	-0.1	-50.0	0.2	295.0
B395	106	GEO_Eqn_6.12b_nls16	14040	61.0	51.0	-0.1	-50.0	0.2	283.0
B395	106	GEO_Eqn_6.12b_nls16	14040	47.0	109.0	0.1	-49.0	-0.4	226.0
B395	106	GEO_Eqn_6.12b_nls16	14400	47.0	117.0	0.1	-49.0	-0.4	185.0
B395	106	GEO_Eqn_6.12b_nls16	14400	-37.0	171.0	0.2	-49.0	-1.0	156.0
B395	106	GEO_Eqn_6.12b_nls16	14700	-37.0	178.0	0.2	-49.0	-1.0	103.0
B395	106	GEO_Eqn_6.12b_nls16	15000	-37.0	185.0	0.2	-49.0	-1.0	49.0
B395	106	GEO_Eqn_6.12b_nls16	15000	-122.0	9.0	0.0	-50.0	-1.0	50.0
B395	106	GEO_Eqn_6.12b_nls16	15120	-122.0	12.0	0.0	-50.0	-1.0	49.0
B395	106	GEO_Eqn_6.12b_nls16	15120	-149.0	110.0	-1.0	-50.0	-1.0	13.0
B395	106	GEO_Eqn_6.12b_nls16	15600	-149.0	121.0	-1.0	-50.0	-1.0	-42.0
B395	106	GEO_Eqn_6.12b_nls16	15600	-231.0	145.0	-2.0	-51.0	1.0	-63.0
B395	106	GEO_Eqn_6.12b_nls16	15900	-231.0	152.0	-2.0	-51.0	2.0	-108.0
B395	106	GEO_Eqn_6.12b_nls16	16200	-231.0	158.0	-2.0	-51.0	2.0	-155.0
B396	108	GEO_Eqn_6.12b_nls01	0	68.0	-509.0	9.0	20.0	8.0	-12.0
B396	108	GEO_Eqn_6.12b_nls01	289.29	68.0	-502.0	9.0	20.0	6.0	134.0
B396	108	GEO_Eqn_6.12b_nls01	578.57	68.0	-494.0	9.0	20.0	3.0	278.0
B396	108	GEO_Eqn_6.12b_nls01	578.57	101.0	-100.0	4.0	18.0	0.5	294.0
B396	108	GEO_Eqn_6.12b_nls01	1050	101.0	-88.0	4.0	18.0	-1.0	338.0
B396	108	GEO_Eqn_6.12b_nls01	1050	111.0	-10.0	0.1	21.0	-2.0	356.0
B396	108	GEO_Eqn_6.12b_nls01	1157.14	111.0	-7.0	0.1	21.0	-2.0	356.0
B396	108	GEO_Eqn_6.12b_nls01	1157.14	131.0	25.0	1.0	20.0	-2.0	351.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls01	1446.43	131.0	32.0	1.0	20.0	-2.0	343.0
B396	108	GEO_Eqn_6.12b_nls01	1735.71	131.0	40.0	1.0	20.0	-3.0	333.0
B396	108	GEO_Eqn_6.12b_nls01	1735.71	123.0	27.0	0.1	21.0	-3.0	328.0
B396	108	GEO_Eqn_6.12b_nls01	2100	123.0	36.0	0.1	21.0	-3.0	317.0
B396	108	GEO_Eqn_6.12b_nls01	2100	122.0	21.0	0.1	30.0	-3.0	301.0
B396	108	GEO_Eqn_6.12b_nls01	2314.29	122.0	27.0	0.1	30.0	-3.0	296.0
B396	108	GEO_Eqn_6.12b_nls01	2314.29	92.0	69.0	-1.0	32.0	-3.0	289.0
B396	108	GEO_Eqn_6.12b_nls01	2603.57	92.0	76.0	-1.0	32.0	-3.0	269.0
B396	108	GEO_Eqn_6.12b_nls01	2892.86	92.0	83.0	-1.0	32.0	-2.0	245.0
B396	108	GEO_Eqn_6.12b_nls01	2892.86	36.0	24.0	-0.3	35.0	-2.0	243.0
B396	108	GEO_Eqn_6.12b_nls01	3150	36.0	30.0	-0.3	35.0	-2.0	236.0
B396	108	GEO_Eqn_6.12b_nls01	3150	24.0	51.0	0.0	48.0	-1.0	215.0
B396	108	GEO_Eqn_6.12b_nls01	3471.43	24.0	60.0	-0.1	48.0	-1.0	197.0
B396	108	GEO_Eqn_6.12b_nls01	3471.43	-50.0	148.0	-1.0	50.0	-0.2	189.0
B396	108	GEO_Eqn_6.12b_nls01	3760.71	-50.0	156.0	-1.0	50.0	0.1	145.0
B396	108	GEO_Eqn_6.12b_nls01	4050	-50.0	163.0	-1.0	50.0	0.4	99.0
B396	108	GEO_Eqn_6.12b_nls01	4050	-137.0	81.0	-0.2	50.0	1.0	87.0
B396	108	GEO_Eqn_6.12b_nls01	4275	-137.0	86.0	-0.2	50.0	1.0	68.0
B396	108	GEO_Eqn_6.12b_nls01	4275	-161.0	174.0	0.1	53.0	2.0	2.0
B396	108	GEO_Eqn_6.12b_nls01	4628.57	-161.0	183.0	0.1	53.0	2.0	-61.0
B396	108	GEO_Eqn_6.12b_nls01	4628.57	-251.0	573.0	-1.0	61.0	2.0	-95.0
B396	108	GEO_Eqn_6.12b_nls01	4917.86	-251.0	580.0	-1.0	61.0	2.0	-262.0
B396	108	GEO_Eqn_6.12b_nls01	5207.14	-251.0	588.0	-1.0	61.0	2.0	-431.0
B396	108	GEO_Eqn_6.12b_nls01	5207.14	-280.0	168.0	-1.0	19.0	3.0	-545.0
B396	108	GEO_Eqn_6.12b_nls01	5400	-280.0	173.0	-1.0	19.0	3.0	-577.0
B396	108	GEO_Eqn_6.12b_nls01	5400	86.0	-494.0	3.0	-73.0	6.0	-573.0
B396	108	GEO_Eqn_6.12b_nls01	5785.71	86.0	-484.0	3.0	-73.0	5.0	-384.0
B396	108	GEO_Eqn_6.12b_nls01	5785.71	84.0	-499.0	3.0	-94.0	2.0	-293.0
B396	108	GEO_Eqn_6.12b_nls01	6075	84.0	-492.0	3.0	-94.0	1.0	-150.0
B396	108	GEO_Eqn_6.12b_nls01	6364.29	84.0	-485.0	3.0	-94.0	-0.3	-9.0
B396	108	GEO_Eqn_6.12b_nls01	6364.29	88.0	-28.0	0.1	-88.0	-2.0	6.0
B396	108	GEO_Eqn_6.12b_nls01	6480	88.0	-25.0	0.1	-88.0	-2.0	9.0
B396	108	GEO_Eqn_6.12b_nls01	6480	88.0	-172.0	1.0	-86.0	-2.0	50.0
B396	108	GEO_Eqn_6.12b_nls01	6942.86	88.0	-160.0	1.0	-86.0	-2.0	127.0
B396	108	GEO_Eqn_6.12b_nls01	6942.86	89.0	-118.0	0.2	-87.0	-2.0	144.0
B396	108	GEO_Eqn_6.12b_nls01	7232.14	89.0	-110.0	0.2	-87.0	-2.0	177.0
B396	108	GEO_Eqn_6.12b_nls01	7521.43	89.0	-103.0	0.2	-87.0	-2.0	208.0
B396	108	GEO_Eqn_6.12b_nls01	7521.43	75.0	-1.0	0.0	-78.0	-3.0	211.0
B396	108	GEO_Eqn_6.12b_nls01	7560	75.0	-0.2	0.0	-78.0	-3.0	211.0
B396	108	GEO_Eqn_6.12b_nls01	7560	77.0	-22.0	0.0	-61.0	-2.0	213.0
B396	108	GEO_Eqn_6.12b_nls01	7830	77.0	-15.0	0.0	-61.0	-2.0	218.0
B396	108	GEO_Eqn_6.12b_nls01	8100	77.0	-8.0	0.0	-61.0	-2.0	222.0
B396	108	GEO_Eqn_6.12b_nls01	8100	44.0	12.0	-1.0	-61.0	-2.0	223.0
B396	108	GEO_Eqn_6.12b_nls01	8370	44.0	19.0	-1.0	-61.0	-1.0	219.0
B396	108	GEO_Eqn_6.12b_nls01	8640	44.0	26.0	-1.0	-61.0	-1.0	213.0
B396	108	GEO_Eqn_6.12b_nls01	8640	33.0	0.2	0.0	-42.0	-0.4	210.0
B396	108	GEO_Eqn_6.12b_nls01	8678.57	33.0	1.0	0.0	-42.0	-0.4	210.0
B396	108	GEO_Eqn_6.12b_nls01	8678.57	-16.0	124.0	-0.3	-33.0	-0.3	210.0
B396	108	GEO_Eqn_6.12b_nls01	8967.86	-16.0	131.0	-0.3	-33.0	-0.2	173.0
B396	108	GEO_Eqn_6.12b_nls01	9257.14	-16.0	139.0	-0.3	-33.0	-0.1	134.0
B396	108	GEO_Eqn_6.12b_nls01	9257.14	-87.0	204.0	-1.0	-33.0	0.4	117.0
B396	108	GEO_Eqn_6.12b_nls01	9720	-87.0	216.0	-1.0	-33.0	1.0	20.0
B396	108	GEO_Eqn_6.12b_nls01	9720	-104.0	31.0	0.0	-17.0	1.0	-32.0
B396	108	GEO_Eqn_6.12b_nls01	9835.71	-104.0	34.0	0.0	-17.0	1.0	-36.0
B396	108	GEO_Eqn_6.12b_nls01	9835.71	-180.0	603.0	0.1	-10.0	1.0	-49.0
B396	108	GEO_Eqn_6.12b_nls01	10125	-180.0	610.0	0.1	-10.0	1.0	-225.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls01	10414.29	-180.0	618.0	0.1	-10.0	1.0	-402.0
B396	108	GEO_Eqn_6.12b_nls01	10414.29	-228.0	607.0	-1.0	-12.0	2.0	-509.0
B396	108	GEO_Eqn_6.12b_nls01	10800	-228.0	617.0	-1.0	-12.0	2.0	-745.0
B396	108	GEO_Eqn_6.12b_nls01	10800	-17.0	-217.0	0.4	-7.0	1.0	-805.0
B396	108	GEO_Eqn_6.12b_nls01	10992.86	-17.0	-212.0	0.4	-7.0	1.0	-764.0
B396	108	GEO_Eqn_6.12b_nls01	10992.86	-9.0	-578.0	1.0	-6.0	-0.1	-580.0
B396	108	GEO_Eqn_6.12b_nls01	11475	-9.0	-566.0	1.0	-6.0	-0.4	-304.0
B396	108	GEO_Eqn_6.12b_nls01	11475	-8.0	-51.0	0.0	5.0	-1.0	-181.0
B396	108	GEO_Eqn_6.12b_nls01	11571.43	-8.0	-48.0	0.0	5.0	-1.0	-176.0
B396	108	GEO_Eqn_6.12b_nls01	11571.43	14.0	-381.0	-2.0	8.0	-0.4	-174.0
B396	108	GEO_Eqn_6.12b_nls01	11860.71	14.0	-373.0	-2.0	8.0	0.1	-65.0
B396	108	GEO_Eqn_6.12b_nls01	12150	14.0	-366.0	-2.0	8.0	1.0	42.0
B396	108	GEO_Eqn_6.12b_nls01	12150	0.0	-335.0	0.0	30.0	0.0	50.0
B396	108	GEO_Eqn_6.12b_nls01	12600	0.0	-323.0	0.0	30.0	0.0	198.0
B396	108	GEO_Eqn_6.12b_nls01	13050	0.0	-312.0	0.0	30.0	0.0	341.0
B396	108	GEO_Eqn_6.12b_nls01	13050	-12.0	-142.0	4.0	51.0	5.0	338.0
B396	108	GEO_Eqn_6.12b_nls01	13312.5	-12.0	-135.0	4.0	51.0	4.0	374.0
B396	108	GEO_Eqn_6.12b_nls01	13575	-12.0	-128.0	4.0	51.0	3.0	409.0
B396	108	GEO_Eqn_6.12b_nls01	13575	34.0	-91.0	3.0	49.0	0.3	413.0
B396	108	GEO_Eqn_6.12b_nls01	13837.5	34.0	-84.0	3.0	49.0	-0.4	436.0
B396	108	GEO_Eqn_6.12b_nls01	14100	34.0	-77.0	3.0	49.0	-1.0	457.0
B396	108	GEO_Eqn_6.12b_nls01	14100	60.0	-47.0	1.0	60.0	-2.0	458.0
B396	108	GEO_Eqn_6.12b_nls01	14362.5	60.0	-40.0	1.0	60.0	-2.0	469.0
B396	108	GEO_Eqn_6.12b_nls01	14625	60.0	-33.0	1.0	60.0	-3.0	479.0
B396	108	GEO_Eqn_6.12b_nls01	14625	42.0	18.0	1.0	59.0	-4.0	481.0
B396	108	GEO_Eqn_6.12b_nls01	14887.5	42.0	25.0	1.0	59.0	-4.0	475.0
B396	108	GEO_Eqn_6.12b_nls01	15150	42.0	32.0	1.0	59.0	-4.0	468.0
B396	108	GEO_Eqn_6.12b_nls01	15150	-26.0	251.0	-3.0	52.0	-4.0	470.0
B396	108	GEO_Eqn_6.12b_nls01	15412.5	-26.0	258.0	-3.0	52.0	-3.0	403.0
B396	108	GEO_Eqn_6.12b_nls01	15675	-26.0	264.0	-3.0	52.0	-2.0	334.0
B396	108	GEO_Eqn_6.12b_nls01	15675	-97.0	768.0	-7.0	50.0	4.0	302.0
B396	108	GEO_Eqn_6.12b_nls01	15937.5	-97.0	775.0	-7.0	50.0	6.0	99.0
B396	108	GEO_Eqn_6.12b_nls01	16200	-97.0	782.0	-7.0	50.0	7.0	-105.0
B396	108	GEO_Eqn_6.12b_nls02	0	-174.0	-629.0	7.0	36.0	7.0	-17.0
B396	108	GEO_Eqn_6.12b_nls02	289.29	-174.0	-622.0	7.0	36.0	5.0	164.0
B396	108	GEO_Eqn_6.12b_nls02	578.57	-174.0	-614.0	7.0	36.0	2.0	343.0
B396	108	GEO_Eqn_6.12b_nls02	578.57	-70.0	-121.0	2.0	33.0	1.0	359.0
B396	108	GEO_Eqn_6.12b_nls02	1050	-70.0	-109.0	2.0	33.0	-0.1	413.0
B396	108	GEO_Eqn_6.12b_nls02	1050	-56.0	-12.0	0.1	35.0	-1.0	435.0
B396	108	GEO_Eqn_6.12b_nls02	1157.14	-56.0	-9.0	0.1	35.0	-1.0	437.0
B396	108	GEO_Eqn_6.12b_nls02	1157.14	26.0	32.0	1.0	33.0	-1.0	428.0
B396	108	GEO_Eqn_6.12b_nls02	1446.43	26.0	40.0	1.0	33.0	-1.0	417.0
B396	108	GEO_Eqn_6.12b_nls02	1735.71	26.0	47.0	1.0	33.0	-2.0	405.0
B396	108	GEO_Eqn_6.12b_nls02	1735.71	74.0	37.0	-0.1	34.0	-2.0	396.0
B396	108	GEO_Eqn_6.12b_nls02	2100	74.0	46.0	-0.1	34.0	-2.0	381.0
B396	108	GEO_Eqn_6.12b_nls02	2100	77.0	26.0	0.1	42.0	-2.0	361.0
B396	108	GEO_Eqn_6.12b_nls02	2314.29	77.0	31.0	0.1	42.0	-2.0	355.0
B396	108	GEO_Eqn_6.12b_nls02	2314.29	95.0	85.0	-0.1	43.0	-2.0	345.0
B396	108	GEO_Eqn_6.12b_nls02	2603.57	95.0	92.0	-0.1	43.0	-2.0	319.0
B396	108	GEO_Eqn_6.12b_nls02	2892.86	95.0	100.0	-0.1	43.0	-2.0	291.0
B396	108	GEO_Eqn_6.12b_nls02	2892.86	83.0	29.0	-0.2	46.0	-2.0	285.0
B396	108	GEO_Eqn_6.12b_nls02	3150	83.0	36.0	-0.2	46.0	-2.0	277.0
B396	108	GEO_Eqn_6.12b_nls02	3150	77.0	59.0	0.0	58.0	-2.0	253.0
B396	108	GEO_Eqn_6.12b_nls02	3471.43	77.0	67.0	0.0	58.0	-2.0	232.0
B396	108	GEO_Eqn_6.12b_nls02	3471.43	46.0	168.0	-1.0	60.0	-2.0	220.0
B396	108	GEO_Eqn_6.12b_nls02	3760.71	46.0	175.0	-1.0	60.0	-1.0	170.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls02	4050	46.0	183.0	-1.0	60.0	-1.0	118.0
B396	108	GEO_Eqn_6.12b_nls02	4050	1.0	91.0	-0.2	60.0	-1.0	102.0
B396	108	GEO_Eqn_6.12b_nls02	4275	1.0	97.0	-0.2	60.0	-0.5	81.0
B396	108	GEO_Eqn_6.12b_nls02	4275	-9.0	194.0	-1.0	64.0	0.3	7.0
B396	108	GEO_Eqn_6.12b_nls02	4628.57	-9.0	203.0	-1.0	64.0	1.0	-63.0
B396	108	GEO_Eqn_6.12b_nls02	4628.57	-53.0	646.0	-3.0	71.0	2.0	-104.0
B396	108	GEO_Eqn_6.12b_nls02	4917.86	-53.0	653.0	-3.0	71.0	3.0	-292.0
B396	108	GEO_Eqn_6.12b_nls02	5207.14	-53.0	661.0	-3.0	71.0	4.0	-482.0
B396	108	GEO_Eqn_6.12b_nls02	5207.14	-66.0	189.0	-1.0	36.0	5.0	-612.0
B396	108	GEO_Eqn_6.12b_nls02	5400	-66.0	194.0	-1.0	36.0	6.0	-649.0
B396	108	GEO_Eqn_6.12b_nls02	5400	-188.0	-539.0	2.0	-40.0	3.0	-643.0
B396	108	GEO_Eqn_6.12b_nls02	5785.71	-188.0	-529.0	2.0	-40.0	3.0	-437.0
B396	108	GEO_Eqn_6.12b_nls02	5785.71	-150.0	-547.0	1.0	-58.0	1.0	-341.0
B396	108	GEO_Eqn_6.12b_nls02	6075	-150.0	-540.0	1.0	-58.0	1.0	-184.0
B396	108	GEO_Eqn_6.12b_nls02	6364.29	-150.0	-532.0	1.0	-58.0	1.0	-29.0
B396	108	GEO_Eqn_6.12b_nls02	6364.29	-84.0	-31.0	0.0	-52.0	0.3	-17.0
B396	108	GEO_Eqn_6.12b_nls02	6480	-84.0	-28.0	0.0	-52.0	0.3	-13.0
B396	108	GEO_Eqn_6.12b_nls02	6480	-69.0	-194.0	1.0	-49.0	0.2	34.0
B396	108	GEO_Eqn_6.12b_nls02	6942.86	-69.0	-183.0	1.0	-49.0	-0.1	121.0
B396	108	GEO_Eqn_6.12b_nls02	6942.86	-6.0	-135.0	0.2	-50.0	-0.5	137.0
B396	108	GEO_Eqn_6.12b_nls02	7232.14	-6.0	-128.0	0.2	-50.0	-1.0	175.0
B396	108	GEO_Eqn_6.12b_nls02	7521.43	-6.0	-120.0	0.2	-50.0	-1.0	211.0
B396	108	GEO_Eqn_6.12b_nls02	7521.43	38.0	-1.0	0.0	-41.0	-1.0	211.0
B396	108	GEO_Eqn_6.12b_nls02	7560	38.0	-0.3	0.0	-41.0	-1.0	211.0
B396	108	GEO_Eqn_6.12b_nls02	7560	47.0	-32.0	0.4	-24.0	-1.0	214.0
B396	108	GEO_Eqn_6.12b_nls02	7830	47.0	-25.0	0.4	-24.0	-2.0	222.0
B396	108	GEO_Eqn_6.12b_nls02	8100	47.0	-18.0	0.4	-24.0	-2.0	228.0
B396	108	GEO_Eqn_6.12b_nls02	8100	76.0	4.0	-0.1	-24.0	-2.0	227.0
B396	108	GEO_Eqn_6.12b_nls02	8370	76.0	11.0	-0.1	-24.0	-2.0	225.0
B396	108	GEO_Eqn_6.12b_nls02	8640	76.0	18.0	-0.1	-24.0	-2.0	221.0
B396	108	GEO_Eqn_6.12b_nls02	8640	72.0	0.1	0.0	-6.0	-2.0	220.0
B396	108	GEO_Eqn_6.12b_nls02	8678.57	72.0	1.0	0.0	-6.0	-2.0	220.0
B396	108	GEO_Eqn_6.12b_nls02	8678.57	80.0	115.0	-0.3	4.0	-2.0	216.0
B396	108	GEO_Eqn_6.12b_nls02	8967.86	80.0	122.0	-0.3	4.0	-2.0	182.0
B396	108	GEO_Eqn_6.12b_nls02	9257.14	80.0	129.0	-0.3	4.0	-2.0	146.0
B396	108	GEO_Eqn_6.12b_nls02	9257.14	71.0	195.0	-1.0	4.0	-1.0	126.0
B396	108	GEO_Eqn_6.12b_nls02	9720	71.0	207.0	-1.0	4.0	-1.0	33.0
B396	108	GEO_Eqn_6.12b_nls02	9720	66.0	30.0	-0.1	16.0	-1.0	-17.0
B396	108	GEO_Eqn_6.12b_nls02	9835.71	66.0	32.0	-0.1	16.0	-1.0	-20.0
B396	108	GEO_Eqn_6.12b_nls02	9835.71	50.0	589.0	-3.0	23.0	0.0	-36.0
B396	108	GEO_Eqn_6.12b_nls02	10125	50.0	597.0	-3.0	23.0	1.0	-208.0
B396	108	GEO_Eqn_6.12b_nls02	10414.29	50.0	604.0	-3.0	23.0	2.0	-381.0
B396	108	GEO_Eqn_6.12b_nls02	10414.29	47.0	594.0	-3.0	17.0	4.0	-489.0
B396	108	GEO_Eqn_6.12b_nls02	10800	47.0	604.0	-3.0	17.0	5.0	-720.0
B396	108	GEO_Eqn_6.12b_nls02	10800	-65.0	-192.0	0.5	-2.0	2.0	-786.0
B396	108	GEO_Eqn_6.12b_nls02	10992.86	-65.0	-187.0	0.5	-2.0	1.0	-749.0
B396	108	GEO_Eqn_6.12b_nls02	10992.86	-29.0	-507.0	1.0	-9.0	-0.2	-586.0
B396	108	GEO_Eqn_6.12b_nls02	11475	-29.0	-494.0	1.0	-9.0	-1.0	-345.0
B396	108	GEO_Eqn_6.12b_nls02	11475	-17.0	-44.0	0.0	-3.0	-2.0	-238.0
B396	108	GEO_Eqn_6.12b_nls02	11571.43	-17.0	-42.0	0.0	-3.0	-2.0	-234.0
B396	108	GEO_Eqn_6.12b_nls02	11571.43	49.0	-374.0	-2.0	-1.0	-0.4	-234.0
B396	108	GEO_Eqn_6.12b_nls02	11860.71	49.0	-366.0	-2.0	-1.0	0.1	-127.0
B396	108	GEO_Eqn_6.12b_nls02	12150	49.0	-359.0	-2.0	-1.0	1.0	-22.0
B396	108	GEO_Eqn_6.12b_nls02	12150	0.0	-428.0	0.0	20.0	0.0	-15.0
B396	108	GEO_Eqn_6.12b_nls02	12600	0.0	-417.0	0.0	20.0	0.0	175.0
B396	108	GEO_Eqn_6.12b_nls02	13050	0.0	-405.0	0.0	20.0	0.0	360.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls02	13050	-135.0	-153.0	3.0	41.0	4.0	357.0
B396	108	GEO_Eqn_6.12b_nls02	13312.5	-135.0	-146.0	3.0	41.0	4.0	396.0
B396	108	GEO_Eqn_6.12b_nls02	13575	-135.0	-139.0	3.0	41.0	3.0	433.0
B396	108	GEO_Eqn_6.12b_nls02	13575	-53.0	-56.0	2.0	40.0	1.0	435.0
B396	108	GEO_Eqn_6.12b_nls02	13837.5	-53.0	-49.0	2.0	40.0	0.3	448.0
B396	108	GEO_Eqn_6.12b_nls02	14100	-53.0	-43.0	2.0	40.0	-0.2	461.0
B396	108	GEO_Eqn_6.12b_nls02	14100	26.0	-15.0	2.0	52.0	-2.0	456.0
B396	108	GEO_Eqn_6.12b_nls02	14362.5	26.0	-9.0	2.0	52.0	-2.0	459.0
B396	108	GEO_Eqn_6.12b_nls02	14625	26.0	-2.0	2.0	52.0	-2.0	461.0
B396	108	GEO_Eqn_6.12b_nls02	14625	59.0	26.0	1.0	50.0	-4.0	459.0
B396	108	GEO_Eqn_6.12b_nls02	14887.5	58.0	32.0	1.0	50.0	-4.0	451.0
B396	108	GEO_Eqn_6.12b_nls02	15150	58.0	39.0	1.0	50.0	-4.0	442.0
B396	108	GEO_Eqn_6.12b_nls02	15150	59.0	213.0	-4.0	45.0	-4.0	440.0
B396	108	GEO_Eqn_6.12b_nls02	15412.5	59.0	219.0	-4.0	45.0	-3.0	384.0
B396	108	GEO_Eqn_6.12b_nls02	15675	59.0	226.0	-4.0	45.0	-2.0	325.0
B396	108	GEO_Eqn_6.12b_nls02	15675	44.0	650.0	-7.0	42.0	4.0	295.0
B396	108	GEO_Eqn_6.12b_nls02	15937.5	44.0	656.0	-7.0	42.0	6.0	124.0
B396	108	GEO_Eqn_6.12b_nls02	16200	44.0	663.0	-7.0	42.0	8.0	-49.0
B396	108	GEO_Eqn_6.12b_nls03	0	-59.0	109.0	-8.0	-145.0	-7.0	24.0
B396	108	GEO_Eqn_6.12b_nls03	289.29	-60.0	116.0	-8.0	-145.0	-4.0	-9.0
B396	108	GEO_Eqn_6.12b_nls03	578.57	-60.0	124.0	-8.0	-145.0	-2.0	-43.0
B396	108	GEO_Eqn_6.12b_nls03	578.57	-15.0	-22.0	-3.0	-141.0	-0.1	-47.0
B396	108	GEO_Eqn_6.12b_nls03	1050	-16.0	-10.0	-3.0	-141.0	1.0	-39.0
B396	108	GEO_Eqn_6.12b_nls03	1050	-14.0	-1.0	-0.1	-126.0	1.0	-37.0
B396	108	GEO_Eqn_6.12b_nls03	1157.14	-14.0	1.0	-0.1	-126.0	1.0	-37.0
B396	108	GEO_Eqn_6.12b_nls03	1157.14	13.0	-50.0	-0.4	-118.0	2.0	-38.0
B396	108	GEO_Eqn_6.12b_nls03	1446.43	13.0	-42.0	-0.4	-118.0	2.0	-25.0
B396	108	GEO_Eqn_6.12b_nls03	1735.71	13.0	-35.0	-0.4	-118.0	2.0	-14.0
B396	108	GEO_Eqn_6.12b_nls03	1735.71	29.0	-36.0	0.1	-112.0	2.0	-9.0
B396	108	GEO_Eqn_6.12b_nls03	2100	29.0	-26.0	0.1	-112.0	2.0	2.0
B396	108	GEO_Eqn_6.12b_nls03	2100	30.0	-9.0	0.0	-92.0	2.0	9.0
B396	108	GEO_Eqn_6.12b_nls03	2314.29	30.0	-3.0	0.0	-92.0	2.0	11.0
B396	108	GEO_Eqn_6.12b_nls03	2314.29	38.0	-32.0	0.4	-86.0	2.0	11.0
B396	108	GEO_Eqn_6.12b_nls03	2603.57	38.0	-25.0	0.4	-86.0	1.0	19.0
B396	108	GEO_Eqn_6.12b_nls03	2892.86	38.0	-18.0	0.4	-86.0	1.0	25.0
B396	108	GEO_Eqn_6.12b_nls03	2892.86	35.0	-14.0	0.1	-78.0	1.0	29.0
B396	108	GEO_Eqn_6.12b_nls03	3150	35.0	-8.0	0.1	-78.0	1.0	32.0
B396	108	GEO_Eqn_6.12b_nls03	3150	35.0	0.4	0.1	-54.0	1.0	34.0
B396	108	GEO_Eqn_6.12b_nls03	3471.43	35.0	9.0	0.1	-54.0	1.0	32.0
B396	108	GEO_Eqn_6.12b_nls03	3471.43	24.0	-11.0	1.0	-48.0	1.0	31.0
B396	108	GEO_Eqn_6.12b_nls03	3760.71	24.0	-4.0	1.0	-48.0	1.0	34.0
B396	108	GEO_Eqn_6.12b_nls03	4050	24.0	4.0	1.0	-48.0	1.0	34.0
B396	108	GEO_Eqn_6.12b_nls03	4050	1.0	-10.0	0.1	-43.0	0.4	38.0
B396	108	GEO_Eqn_6.12b_nls03	4275	1.0	-5.0	0.1	-43.0	0.4	40.0
B396	108	GEO_Eqn_6.12b_nls03	4275	-7.0	4.0	1.0	-27.0	0.1	40.0
B396	108	GEO_Eqn_6.12b_nls03	4628.57	-7.0	13.0	1.0	-27.0	-0.1	37.0
B396	108	GEO_Eqn_6.12b_nls03	4628.57	-41.0	-40.0	2.0	-17.0	-1.0	37.0
B396	108	GEO_Eqn_6.12b_nls03	4917.86	-41.0	-32.0	2.0	-17.0	-2.0	48.0
B396	108	GEO_Eqn_6.12b_nls03	5207.14	-41.0	-25.0	2.0	-17.0	-3.0	56.0
B396	108	GEO_Eqn_6.12b_nls03	5207.14	-57.0	-21.0	1.0	-44.0	-4.0	69.0
B396	108	GEO_Eqn_6.12b_nls03	5400	-57.0	-16.0	1.0	-44.0	-4.0	72.0
B396	108	GEO_Eqn_6.12b_nls03	5400	262.0	23.0	1.0	-104.0	2.0	52.0
B396	108	GEO_Eqn_6.12b_nls03	5785.71	262.0	33.0	1.0	-104.0	2.0	41.0
B396	108	GEO_Eqn_6.12b_nls03	5785.71	240.0	-12.0	3.0	-117.0	1.0	38.0
B396	108	GEO_Eqn_6.12b_nls03	6075	240.0	-4.0	3.0	-117.0	0.0	41.0
B396	108	GEO_Eqn_6.12b_nls03	6364.29	240.0	3.0	3.0	-117.0	-1.0	41.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls03	6364.29	200.0	-4.0	0.1	-106.0	-2.0	46.0
B396	108	GEO_Eqn_6.12b_nls03	6480	200.0	-1.0	0.1	-106.0	-2.0	46.0
B396	108	GEO_Eqn_6.12b_nls03	6480	194.0	1.0	0.2	-93.0	-2.0	47.0
B396	108	GEO_Eqn_6.12b_nls03	6942.86	194.0	13.0	0.2	-93.0	-2.0	44.0
B396	108	GEO_Eqn_6.12b_nls03	6942.86	143.0	-16.0	0.5	-92.0	-2.0	46.0
B396	108	GEO_Eqn_6.12b_nls03	7232.14	143.0	-9.0	0.5	-92.0	-2.0	49.0
B396	108	GEO_Eqn_6.12b_nls03	7521.43	143.0	-1.0	0.5	-92.0	-2.0	51.0
B396	108	GEO_Eqn_6.12b_nls03	7521.43	84.0	-1.0	0.0	-78.0	-2.0	56.0
B396	108	GEO_Eqn_6.12b_nls03	7560	84.0	0.3	0.0	-78.0	-2.0	56.0
B396	108	GEO_Eqn_6.12b_nls03	7560	80.0	9.0	-0.4	-52.0	-1.0	55.0
B396	108	GEO_Eqn_6.12b_nls03	7830	80.0	15.0	-0.4	-52.0	-1.0	52.0
B396	108	GEO_Eqn_6.12b_nls03	8100	80.0	22.0	-0.4	-52.0	-1.0	46.0
B396	108	GEO_Eqn_6.12b_nls03	8100	6.0	-3.0	-0.4	-50.0	-0.1	49.0
B396	108	GEO_Eqn_6.12b_nls03	8370	6.0	4.0	-0.4	-50.0	0.0	49.0
B396	108	GEO_Eqn_6.12b_nls03	8640	6.0	11.0	-0.4	-50.0	0.1	47.0
B396	108	GEO_Eqn_6.12b_nls03	8640	-5.0	0.0	0.0	-25.0	2.0	46.0
B396	108	GEO_Eqn_6.12b_nls03	8678.57	-5.0	1.0	0.0	-25.0	2.0	46.0
B396	108	GEO_Eqn_6.12b_nls03	8678.57	-85.0	25.0	-0.2	-11.0	2.0	49.0
B396	108	GEO_Eqn_6.12b_nls03	8967.86	-85.0	33.0	-0.2	-11.0	2.0	41.0
B396	108	GEO_Eqn_6.12b_nls03	9257.14	-85.0	40.0	-0.2	-11.0	2.0	30.0
B396	108	GEO_Eqn_6.12b_nls03	9257.14	-181.0	10.0	-0.1	-10.0	2.0	33.0
B396	108	GEO_Eqn_6.12b_nls03	9720	-181.0	22.0	-0.1	-10.0	2.0	25.0
B396	108	GEO_Eqn_6.12b_nls03	9720	-203.0	4.0	0.2	5.0	3.0	19.0
B396	108	GEO_Eqn_6.12b_nls03	9835.71	-203.0	7.0	0.2	5.0	3.0	18.0
B396	108	GEO_Eqn_6.12b_nls03	9835.71	-307.0	35.0	4.0	16.0	2.0	20.0
B396	108	GEO_Eqn_6.12b_nls03	10125	-307.0	43.0	4.0	16.0	1.0	8.0
B396	108	GEO_Eqn_6.12b_nls03	10414.29	-307.0	50.0	4.0	16.0	-1.0	-5.0
B396	108	GEO_Eqn_6.12b_nls03	10414.29	-391.0	9.0	2.0	6.0	-3.0	-3.0
B396	108	GEO_Eqn_6.12b_nls03	10800	-391.0	19.0	2.0	6.0	-4.0	-8.0
B396	108	GEO_Eqn_6.12b_nls03	10800	90.0	-44.0	-0.2	-35.0	-1.0	27.0
B396	108	GEO_Eqn_6.12b_nls03	10992.86	90.0	-39.0	-0.2	-35.0	-1.0	35.0
B396	108	GEO_Eqn_6.12b_nls03	10992.86	37.0	-146.0	-1.0	-49.0	0.2	70.0
B396	108	GEO_Eqn_6.12b_nls03	11475	37.0	-134.0	-1.0	-49.0	1.0	137.0
B396	108	GEO_Eqn_6.12b_nls03	11475	16.0	-11.0	0.0	-45.0	1.0	170.0
B396	108	GEO_Eqn_6.12b_nls03	11571.43	16.0	-9.0	0.0	-45.0	1.0	171.0
B396	108	GEO_Eqn_6.12b_nls03	11571.43	-63.0	-8.0	1.0	-42.0	0.1	172.0
B396	108	GEO_Eqn_6.12b_nls03	11860.71	-63.0	-0.4	1.0	-42.0	-0.1	173.0
B396	108	GEO_Eqn_6.12b_nls03	12150	-63.0	7.0	1.0	-42.0	-0.4	172.0
B396	108	GEO_Eqn_6.12b_nls03	12150	0.0	221.0	0.0	-17.0	0.0	179.0
B396	108	GEO_Eqn_6.12b_nls03	12600	0.0	232.0	0.0	-17.0	0.0	77.0
B396	108	GEO_Eqn_6.12b_nls03	13050	0.0	244.0	0.0	-17.0	0.0	-30.0
B396	108	GEO_Eqn_6.12b_nls03	13050	342.0	57.0	1.0	12.0	-0.1	-33.0
B396	108	GEO_Eqn_6.12b_nls03	13312.5	342.0	64.0	1.0	12.0	-0.4	-48.0
B396	108	GEO_Eqn_6.12b_nls03	13575	342.0	70.0	1.0	12.0	-1.0	-66.0
B396	108	GEO_Eqn_6.12b_nls03	13575	241.0	-66.0	1.0	12.0	-2.0	-59.0
B396	108	GEO_Eqn_6.12b_nls03	13837.5	241.0	-59.0	1.0	12.0	-2.0	-43.0
B396	108	GEO_Eqn_6.12b_nls03	14100	241.0	-53.0	1.0	12.0	-2.0	-28.0
B396	108	GEO_Eqn_6.12b_nls03	14100	93.0	-46.0	-1.0	40.0	-0.4	-19.0
B396	108	GEO_Eqn_6.12b_nls03	14362.5	93.0	-39.0	-1.0	40.0	-0.1	-8.0
B396	108	GEO_Eqn_6.12b_nls03	14625	93.0	-32.0	-1.0	40.0	0.3	1.0
B396	108	GEO_Eqn_6.12b_nls03	14625	-47.0	-27.0	-1.0	41.0	2.0	11.0
B396	108	GEO_Eqn_6.12b_nls03	14887.5	-47.0	-20.0	-1.0	41.0	2.0	17.0
B396	108	GEO_Eqn_6.12b_nls03	15150	-47.0	-13.0	-1.0	41.0	2.0	22.0
B396	108	GEO_Eqn_6.12b_nls03	15150	-234.0	15.0	3.0	59.0	4.0	30.0
B396	108	GEO_Eqn_6.12b_nls03	15412.5	-234.0	22.0	3.0	59.0	3.0	25.0
B396	108	GEO_Eqn_6.12b_nls03	15675	-234.0	28.0	3.0	59.0	2.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls03	15675	-394.0	48.0	5.0	61.0	-2.0	24.0
B396	108	GEO_Eqn_6.12b_nls03	15937.5	-394.0	55.0	5.0	61.0	-3.0	11.0
B396	108	GEO_Eqn_6.12b_nls03	16200	-394.0	62.0	5.0	61.0	-4.0	-5.0
B396	108	GEO_Eqn_6.12b_nls04	0	-550.0	-137.0	-12.0	-112.0	-10.0	16.0
B396	108	GEO_Eqn_6.12b_nls04	289.29	-550.0	-129.0	-12.0	-112.0	-6.0	55.0
B396	108	GEO_Eqn_6.12b_nls04	578.57	-550.0	-122.0	-12.0	-112.0	-3.0	91.0
B396	108	GEO_Eqn_6.12b_nls04	578.57	-362.0	-63.0	-7.0	-108.0	1.0	88.0
B396	108	GEO_Eqn_6.12b_nls04	1050	-362.0	-51.0	-7.0	-108.0	4.0	115.0
B396	108	GEO_Eqn_6.12b_nls04	1050	-352.0	-6.0	-0.1	-96.0	3.0	126.0
B396	108	GEO_Eqn_6.12b_nls04	1157.14	-352.0	-3.0	-0.1	-96.0	3.0	126.0
B396	108	GEO_Eqn_6.12b_nls04	1157.14	-201.0	-32.0	-1.0	-89.0	3.0	117.0
B396	108	GEO_Eqn_6.12b_nls04	1446.43	-201.0	-25.0	-1.0	-89.0	4.0	125.0
B396	108	GEO_Eqn_6.12b_nls04	1735.71	-201.0	-18.0	-1.0	-89.0	4.0	131.0
B396	108	GEO_Eqn_6.12b_nls04	1735.71	-72.0	-15.0	-0.4	-84.0	5.0	127.0
B396	108	GEO_Eqn_6.12b_nls04	2100	-72.0	-6.0	-0.4	-84.0	5.0	130.0
B396	108	GEO_Eqn_6.12b_nls04	2100	-63.0	1.0	0.1	-66.0	2.0	130.0
B396	108	GEO_Eqn_6.12b_nls04	2314.29	-63.0	7.0	0.1	-66.0	2.0	129.0
B396	108	GEO_Eqn_6.12b_nls04	2314.29	41.0	1.0	1.0	-61.0	2.0	121.0
B396	108	GEO_Eqn_6.12b_nls04	2603.57	41.0	8.0	1.0	-61.0	2.0	120.0
B396	108	GEO_Eqn_6.12b_nls04	2892.86	41.0	16.0	1.0	-61.0	1.0	116.0
B396	108	GEO_Eqn_6.12b_nls04	2892.86	130.0	-3.0	0.3	-54.0	1.0	112.0
B396	108	GEO_Eqn_6.12b_nls04	3150	130.0	3.0	0.3	-54.0	1.0	112.0
B396	108	GEO_Eqn_6.12b_nls04	3150	141.0	15.0	0.1	-32.0	-2.0	108.0
B396	108	GEO_Eqn_6.12b_nls04	3471.43	141.0	23.0	0.1	-32.0	-2.0	101.0
B396	108	GEO_Eqn_6.12b_nls04	3471.43	217.0	27.0	1.0	-26.0	-2.0	93.0
B396	108	GEO_Eqn_6.12b_nls04	3760.71	217.0	35.0	1.0	-26.0	-2.0	84.0
B396	108	GEO_Eqn_6.12b_nls04	4050	217.0	42.0	1.0	-26.0	-2.0	73.0
B396	108	GEO_Eqn_6.12b_nls04	4050	282.0	11.0	0.1	-20.0	-3.0	67.0
B396	108	GEO_Eqn_6.12b_nls04	4275	282.0	17.0	0.1	-20.0	-3.0	64.0
B396	108	GEO_Eqn_6.12b_nls04	4275	302.0	44.0	-1.0	-2.0	-2.0	49.0
B396	108	GEO_Eqn_6.12b_nls04	4628.57	302.0	53.0	-1.0	-2.0	-2.0	32.0
B396	108	GEO_Eqn_6.12b_nls04	4628.57	364.0	106.0	-2.0	6.0	-1.0	19.0
B396	108	GEO_Eqn_6.12b_nls04	4917.86	364.0	114.0	-2.0	6.0	-0.3	-13.0
B396	108	GEO_Eqn_6.12b_nls04	5207.14	364.0	121.0	-2.0	6.0	0.3	-47.0
B396	108	GEO_Eqn_6.12b_nls04	5207.14	380.0	23.0	0.0	-8.0	1.0	-67.0
B396	108	GEO_Eqn_6.12b_nls04	5400	380.0	28.0	0.0	-8.0	1.0	-72.0
B396	108	GEO_Eqn_6.12b_nls04	5400	-301.0	-68.0	-2.0	-36.0	-3.0	-89.0
B396	108	GEO_Eqn_6.12b_nls04	5785.71	-301.0	-58.0	-2.0	-36.0	-3.0	-65.0
B396	108	GEO_Eqn_6.12b_nls04	5785.71	-239.0	-107.0	-3.0	-43.0	-0.4	-58.0
B396	108	GEO_Eqn_6.12b_nls04	6075	-239.0	-99.0	-3.0	-43.0	0.5	-28.0
B396	108	GEO_Eqn_6.12b_nls04	6364.29	-239.0	-92.0	-3.0	-43.0	1.0	-1.0
B396	108	GEO_Eqn_6.12b_nls04	6364.29	-154.0	-10.0	-0.1	-32.0	2.0	0.0
B396	108	GEO_Eqn_6.12b_nls04	6480	-154.0	-7.0	-0.1	-32.0	3.0	1.0
B396	108	GEO_Eqn_6.12b_nls04	6480	-129.0	-44.0	0.2	-15.0	2.0	13.0
B396	108	GEO_Eqn_6.12b_nls04	6942.86	-129.0	-32.0	0.2	-15.0	2.0	30.0
B396	108	GEO_Eqn_6.12b_nls04	6942.86	-53.0	-51.0	0.4	-14.0	2.0	31.0
B396	108	GEO_Eqn_6.12b_nls04	7232.14	-53.0	-44.0	0.4	-14.0	2.0	45.0
B396	108	GEO_Eqn_6.12b_nls04	7521.43	-53.0	-36.0	0.4	-14.0	2.0	56.0
B396	108	GEO_Eqn_6.12b_nls04	7521.43	6.0	-1.0	0.0	0.3	1.0	54.0
B396	108	GEO_Eqn_6.12b_nls04	7560	6.0	0.0	0.0	0.3	1.0	54.0
B396	108	GEO_Eqn_6.12b_nls04	7560	19.0	-12.0	0.5	26.0	0.2	56.0
B396	108	GEO_Eqn_6.12b_nls04	7830	19.0	-5.0	0.5	26.0	0.0	58.0
B396	108	GEO_Eqn_6.12b_nls04	8100	19.0	2.0	0.5	26.0	-0.1	58.0
B396	108	GEO_Eqn_6.12b_nls04	8100	71.0	-20.0	0.5	28.0	-1.0	57.0
B396	108	GEO_Eqn_6.12b_nls04	8370	71.0	-13.0	0.4	28.0	-1.0	61.0
B396	108	GEO_Eqn_6.12b_nls04	8640	71.0	-6.0	0.4	28.0	-1.0	63.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls04	8640	75.0	-0.2	0.0	52.0	-2.0	65.0
B396	108	GEO_Eqn_6.12b_nls04	8678.57	75.0	1.0	0.0	52.0	-2.0	65.0
B396	108	GEO_Eqn_6.12b_nls04	8678.57	113.0	5.0	-0.2	66.0	-2.0	60.0
B396	108	GEO_Eqn_6.12b_nls04	8967.86	113.0	12.0	-0.2	66.0	-2.0	58.0
B396	108	GEO_Eqn_6.12b_nls04	9257.14	113.0	20.0	-0.2	66.0	-2.0	53.0
B396	108	GEO_Eqn_6.12b_nls04	9257.14	143.0	-11.0	-0.1	67.0	-1.0	52.0
B396	108	GEO_Eqn_6.12b_nls04	9720	143.0	1.0	-0.2	67.0	-1.0	54.0
B396	108	GEO_Eqn_6.12b_nls04	9720	145.0	2.0	-0.1	75.0	-1.0	52.0
B396	108	GEO_Eqn_6.12b_nls04	9835.71	145.0	5.0	-0.1	75.0	-1.0	52.0
B396	108	GEO_Eqn_6.12b_nls04	9835.71	166.0	2.0	-2.0	85.0	-1.0	48.0
B396	108	GEO_Eqn_6.12b_nls04	10125	166.0	10.0	-2.0	85.0	0.0	46.0
B396	108	GEO_Eqn_6.12b_nls04	10414.29	166.0	17.0	-2.0	85.0	1.0	43.0
B396	108	GEO_Eqn_6.12b_nls04	10414.29	173.0	-23.0	-1.0	66.0	2.0	44.0
B396	108	GEO_Eqn_6.12b_nls04	10800	173.0	-13.0	-1.0	66.0	2.0	51.0
B396	108	GEO_Eqn_6.12b_nls04	10800	-7.0	9.0	-0.1	-24.0	-0.3	75.0
B396	108	GEO_Eqn_6.12b_nls04	10992.86	-7.0	14.0	-0.1	-24.0	-0.3	73.0
B396	108	GEO_Eqn_6.12b_nls04	10992.86	-5.0	5.0	-0.1	-56.0	0.0	65.0
B396	108	GEO_Eqn_6.12b_nls04	11475	-5.0	17.0	-0.1	-56.0	0.0	60.0
B396	108	GEO_Eqn_6.12b_nls04	11475	-2.0	2.0	0.0	-61.0	0.5	59.0
B396	108	GEO_Eqn_6.12b_nls04	11571.43	-2.0	4.0	0.0	-61.0	0.5	59.0
B396	108	GEO_Eqn_6.12b_nls04	11571.43	7.0	10.0	0.5	-63.0	0.2	56.0
B396	108	GEO_Eqn_6.12b_nls04	11860.71	7.0	18.0	0.5	-63.0	0.0	52.0
B396	108	GEO_Eqn_6.12b_nls04	12150	7.0	25.0	0.5	-63.0	-0.1	46.0
B396	108	GEO_Eqn_6.12b_nls04	12150	0.0	36.0	0.0	-38.0	0.0	49.0
B396	108	GEO_Eqn_6.12b_nls04	12600	0.0	47.0	0.0	-38.0	0.0	30.0
B396	108	GEO_Eqn_6.12b_nls04	13050	0.0	59.0	0.0	-38.0	0.0	6.0
B396	108	GEO_Eqn_6.12b_nls04	13050	99.0	36.0	-1.0	-7.0	-2.0	3.0
B396	108	GEO_Eqn_6.12b_nls04	13312.5	99.0	43.0	-1.0	-7.0	-1.0	-7.0
B396	108	GEO_Eqn_6.12b_nls04	13575	99.0	49.0	-1.0	-7.0	-1.0	-19.0
B396	108	GEO_Eqn_6.12b_nls04	13575	68.0	5.0	-0.5	-7.0	-1.0	-20.0
B396	108	GEO_Eqn_6.12b_nls04	13837.5	68.0	12.0	-0.5	-7.0	-1.0	-22.0
B396	108	GEO_Eqn_6.12b_nls04	14100	68.0	19.0	-1.0	-7.0	-0.5	-26.0
B396	108	GEO_Eqn_6.12b_nls04	14100	25.0	19.0	-1.0	23.0	1.0	-26.0
B396	108	GEO_Eqn_6.12b_nls04	14362.5	25.0	26.0	-1.0	23.0	1.0	-32.0
B396	108	GEO_Eqn_6.12b_nls04	14625	25.0	33.0	-1.0	23.0	1.0	-40.0
B396	108	GEO_Eqn_6.12b_nls04	14625	-14.0	-11.0	-1.0	23.0	2.0	-39.0
B396	108	GEO_Eqn_6.12b_nls04	14887.5	-14.0	-4.0	-1.0	23.0	2.0	-37.0
B396	108	GEO_Eqn_6.12b_nls04	15150	-14.0	3.0	-1.0	23.0	2.0	-37.0
B396	108	GEO_Eqn_6.12b_nls04	15150	-65.0	-64.0	2.0	43.0	3.0	-35.0
B396	108	GEO_Eqn_6.12b_nls04	15412.5	-65.0	-57.0	2.0	43.0	2.0	-19.0
B396	108	GEO_Eqn_6.12b_nls04	15675	-65.0	-50.0	2.0	43.0	2.0	-5.0
B396	108	GEO_Eqn_6.12b_nls04	15675	-112.0	-199.0	4.0	45.0	-2.0	7.0
B396	108	GEO_Eqn_6.12b_nls04	15937.5	-112.0	-192.0	4.0	45.0	-3.0	58.0
B396	108	GEO_Eqn_6.12b_nls04	16200	-112.0	-186.0	4.0	45.0	-4.0	107.0
B396	108	GEO_Eqn_6.12b_nls05	0	77.0	-531.0	9.0	24.0	8.0	-11.0
B396	108	GEO_Eqn_6.12b_nls05	289.29	77.0	-524.0	9.0	24.0	6.0	141.0
B396	108	GEO_Eqn_6.12b_nls05	578.57	77.0	-517.0	9.0	24.0	3.0	292.0
B396	108	GEO_Eqn_6.12b_nls05	578.57	110.0	-103.0	4.0	22.0	0.5	308.0
B396	108	GEO_Eqn_6.12b_nls05	1050	110.0	-91.0	4.0	22.0	-1.0	354.0
B396	108	GEO_Eqn_6.12b_nls05	1050	120.0	-10.0	0.1	24.0	-2.0	372.0
B396	108	GEO_Eqn_6.12b_nls05	1157.14	120.0	-8.0	0.1	24.0	-2.0	373.0
B396	108	GEO_Eqn_6.12b_nls05	1157.14	139.0	28.0	2.0	23.0	-2.0	368.0
B396	108	GEO_Eqn_6.12b_nls05	1446.43	139.0	36.0	2.0	23.0	-3.0	358.0
B396	108	GEO_Eqn_6.12b_nls05	1735.71	139.0	43.0	2.0	23.0	-3.0	347.0
B396	108	GEO_Eqn_6.12b_nls05	1735.71	129.0	30.0	0.1	24.0	-3.0	342.0
B396	108	GEO_Eqn_6.12b_nls05	2100	129.0	39.0	0.1	24.0	-3.0	329.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls05	2100	129.0	23.0	0.1	33.0	-3.0	312.0
B396	108	GEO_Eqn_6.12b_nls05	2314.29	129.0	28.0	0.1	33.0	-3.0	306.0
B396	108	GEO_Eqn_6.12b_nls05	2314.29	96.0	74.0	-1.0	34.0	-3.0	300.0
B396	108	GEO_Eqn_6.12b_nls05	2603.57	96.0	81.0	-1.0	34.0	-3.0	278.0
B396	108	GEO_Eqn_6.12b_nls05	2892.86	96.0	89.0	-1.0	34.0	-2.0	253.0
B396	108	GEO_Eqn_6.12b_nls05	2892.86	36.0	25.0	-0.3	37.0	-2.0	251.0
B396	108	GEO_Eqn_6.12b_nls05	3150	36.0	32.0	-0.3	37.0	-2.0	243.0
B396	108	GEO_Eqn_6.12b_nls05	3150	23.0	54.0	0.0	49.0	-1.0	221.0
B396	108	GEO_Eqn_6.12b_nls05	3471.43	23.0	62.0	-0.1	49.0	-0.5	202.0
B396	108	GEO_Eqn_6.12b_nls05	3471.43	-55.0	153.0	-1.0	52.0	-0.1	193.0
B396	108	GEO_Eqn_6.12b_nls05	3760.71	-55.0	161.0	-1.0	52.0	0.2	148.0
B396	108	GEO_Eqn_6.12b_nls05	4050	-55.0	168.0	-1.0	52.0	0.5	100.0
B396	108	GEO_Eqn_6.12b_nls05	4050	-147.0	82.0	-0.2	51.0	1.0	88.0
B396	108	GEO_Eqn_6.12b_nls05	4275	-147.0	88.0	-0.2	51.0	1.0	69.0
B396	108	GEO_Eqn_6.12b_nls05	4275	-171.0	178.0	0.1	54.0	2.0	2.0
B396	108	GEO_Eqn_6.12b_nls05	4628.57	-171.0	187.0	0.1	54.0	2.0	-63.0
B396	108	GEO_Eqn_6.12b_nls05	4628.57	-267.0	581.0	-0.4	62.0	2.0	-97.0
B396	108	GEO_Eqn_6.12b_nls05	4917.86	-267.0	589.0	-0.4	62.0	2.0	-266.0
B396	108	GEO_Eqn_6.12b_nls05	5207.14	-267.0	596.0	-0.4	62.0	2.0	-437.0
B396	108	GEO_Eqn_6.12b_nls05	5207.14	-297.0	170.0	-1.0	20.0	3.0	-552.0
B396	108	GEO_Eqn_6.12b_nls05	5400	-297.0	175.0	-1.0	20.0	3.0	-585.0
B396	108	GEO_Eqn_6.12b_nls05	5400	102.0	-498.0	3.0	-73.0	6.0	-577.0
B396	108	GEO_Eqn_6.12b_nls05	5785.71	102.0	-488.0	3.0	-73.0	5.0	-387.0
B396	108	GEO_Eqn_6.12b_nls05	5785.71	96.0	-502.0	4.0	-94.0	2.0	-295.0
B396	108	GEO_Eqn_6.12b_nls05	6075	96.0	-495.0	4.0	-94.0	1.0	-151.0
B396	108	GEO_Eqn_6.12b_nls05	6364.29	96.0	-487.0	4.0	-94.0	-0.3	-9.0
B396	108	GEO_Eqn_6.12b_nls05	6364.29	97.0	-28.0	0.1	-88.0	-2.0	5.0
B396	108	GEO_Eqn_6.12b_nls05	6480	97.0	-25.0	0.1	-88.0	-2.0	8.0
B396	108	GEO_Eqn_6.12b_nls05	6480	96.0	-172.0	1.0	-86.0	-2.0	50.0
B396	108	GEO_Eqn_6.12b_nls05	6942.86	96.0	-160.0	1.0	-86.0	-2.0	127.0
B396	108	GEO_Eqn_6.12b_nls05	6942.86	94.0	-117.0	0.2	-87.0	-2.0	144.0
B396	108	GEO_Eqn_6.12b_nls05	7232.14	94.0	-109.0	0.2	-87.0	-2.0	176.0
B396	108	GEO_Eqn_6.12b_nls05	7521.43	94.0	-102.0	0.2	-87.0	-3.0	207.0
B396	108	GEO_Eqn_6.12b_nls05	7521.43	77.0	-1.0	0.0	-78.0	-3.0	211.0
B396	108	GEO_Eqn_6.12b_nls05	7560	77.0	-0.2	0.0	-78.0	-3.0	211.0
B396	108	GEO_Eqn_6.12b_nls05	7560	79.0	-21.0	0.0	-61.0	-2.0	213.0
B396	108	GEO_Eqn_6.12b_nls05	7830	79.0	-14.0	0.0	-61.0	-2.0	217.0
B396	108	GEO_Eqn_6.12b_nls05	8100	79.0	-7.0	0.0	-61.0	-2.0	220.0
B396	108	GEO_Eqn_6.12b_nls05	8100	42.0	13.0	-1.0	-61.0	-2.0	222.0
B396	108	GEO_Eqn_6.12b_nls05	8370	42.0	20.0	-1.0	-61.0	-1.0	218.0
B396	108	GEO_Eqn_6.12b_nls05	8640	42.0	27.0	-1.0	-61.0	-1.0	211.0
B396	108	GEO_Eqn_6.12b_nls05	8640	31.0	0.2	0.0	-43.0	-0.3	209.0
B396	108	GEO_Eqn_6.12b_nls05	8678.57	31.0	1.0	0.0	-43.0	-0.3	209.0
B396	108	GEO_Eqn_6.12b_nls05	8678.57	-21.0	123.0	-0.3	-33.0	-0.2	209.0
B396	108	GEO_Eqn_6.12b_nls05	8967.86	-21.0	131.0	-0.3	-33.0	-0.1	172.0
B396	108	GEO_Eqn_6.12b_nls05	9257.14	-21.0	138.0	-0.3	-33.0	0.0	133.0
B396	108	GEO_Eqn_6.12b_nls05	9257.14	-95.0	201.0	-1.0	-33.0	0.5	116.0
B396	108	GEO_Eqn_6.12b_nls05	9720	-95.0	213.0	-1.0	-33.0	1.0	20.0
B396	108	GEO_Eqn_6.12b_nls05	9720	-113.0	30.0	0.0	-18.0	1.0	-31.0
B396	108	GEO_Eqn_6.12b_nls05	9835.71	-113.0	33.0	0.0	-18.0	1.0	-35.0
B396	108	GEO_Eqn_6.12b_nls05	9835.71	-192.0	593.0	0.2	-11.0	1.0	-47.0
B396	108	GEO_Eqn_6.12b_nls05	10125	-192.0	600.0	0.2	-11.0	1.0	-220.0
B396	108	GEO_Eqn_6.12b_nls05	10414.29	-192.0	608.0	0.2	-11.0	1.0	-395.0
B396	108	GEO_Eqn_6.12b_nls05	10414.29	-243.0	596.0	-1.0	-12.0	2.0	-499.0
B396	108	GEO_Eqn_6.12b_nls05	10800	-243.0	606.0	-1.0	-12.0	2.0	-731.0
B396	108	GEO_Eqn_6.12b_nls05	10800	-12.0	-214.0	0.4	-10.0	1.0	-787.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls05	10992.86	-12.0	-209.0	0.4	-10.0	1.0	-746.0
B396	108	GEO_Eqn_6.12b_nls05	10992.86	-7.0	-570.0	1.0	-9.0	-0.1	-565.0
B396	108	GEO_Eqn_6.12b_nls05	11475	-7.0	-558.0	1.0	-9.0	-0.4	-293.0
B396	108	GEO_Eqn_6.12b_nls05	11475	-7.0	-50.0	0.0	1.0	-1.0	-171.0
B396	108	GEO_Eqn_6.12b_nls05	11571.43	-7.0	-48.0	0.0	1.0	-1.0	-167.0
B396	108	GEO_Eqn_6.12b_nls05	11571.43	11.0	-370.0	-2.0	4.0	-0.4	-165.0
B396	108	GEO_Eqn_6.12b_nls05	11860.71	11.0	-363.0	-2.0	4.0	0.1	-59.0
B396	108	GEO_Eqn_6.12b_nls05	12150	11.0	-355.0	-2.0	4.0	0.5	45.0
B396	108	GEO_Eqn_6.12b_nls05	12150	0.0	-315.0	0.0	26.0	0.0	54.0
B396	108	GEO_Eqn_6.12b_nls05	12600	0.0	-304.0	0.0	26.0	0.0	193.0
B396	108	GEO_Eqn_6.12b_nls05	13050	0.0	-292.0	0.0	26.0	0.0	327.0
B396	108	GEO_Eqn_6.12b_nls05	13050	-2.0	-134.0	4.0	47.0	5.0	324.0
B396	108	GEO_Eqn_6.12b_nls05	13312.5	-2.0	-128.0	4.0	47.0	4.0	359.0
B396	108	GEO_Eqn_6.12b_nls05	13575	-2.0	-121.0	4.0	47.0	3.0	391.0
B396	108	GEO_Eqn_6.12b_nls05	13575	40.0	-90.0	3.0	46.0	0.2	396.0
B396	108	GEO_Eqn_6.12b_nls05	13837.5	40.0	-83.0	3.0	46.0	-0.4	419.0
B396	108	GEO_Eqn_6.12b_nls05	14100	40.0	-76.0	3.0	46.0	-1.0	439.0
B396	108	GEO_Eqn_6.12b_nls05	14100	60.0	-48.0	1.0	57.0	-2.0	440.0
B396	108	GEO_Eqn_6.12b_nls05	14362.5	60.0	-41.0	1.0	57.0	-2.0	452.0
B396	108	GEO_Eqn_6.12b_nls05	14625	60.0	-35.0	1.0	57.0	-3.0	462.0
B396	108	GEO_Eqn_6.12b_nls05	14625	38.0	13.0	1.0	56.0	-4.0	464.0
B396	108	GEO_Eqn_6.12b_nls05	14887.5	38.0	20.0	1.0	56.0	-4.0	460.0
B396	108	GEO_Eqn_6.12b_nls05	15150	38.0	27.0	1.0	56.0	-4.0	454.0
B396	108	GEO_Eqn_6.12b_nls05	15150	-32.0	237.0	-3.0	50.0	-4.0	456.0
B396	108	GEO_Eqn_6.12b_nls05	15412.5	-32.0	244.0	-3.0	50.0	-3.0	393.0
B396	108	GEO_Eqn_6.12b_nls05	15675	-32.0	250.0	-3.0	50.0	-2.0	328.0
B396	108	GEO_Eqn_6.12b_nls05	15675	-105.0	735.0	-7.0	48.0	4.0	297.0
B396	108	GEO_Eqn_6.12b_nls05	15937.5	-105.0	742.0	-7.0	48.0	5.0	103.0
B396	108	GEO_Eqn_6.12b_nls05	16200	-105.0	749.0	-7.0	48.0	7.0	-92.0
B396	108	GEO_Eqn_6.12b_nls06	0	-412.0	-773.0	5.0	55.0	5.0	-20.0
B396	108	GEO_Eqn_6.12b_nls06	289.29	-412.0	-766.0	5.0	55.0	4.0	203.0
B396	108	GEO_Eqn_6.12b_nls06	578.57	-412.0	-758.0	5.0	55.0	2.0	423.0
B396	108	GEO_Eqn_6.12b_nls06	578.57	-235.0	-145.0	0.3	52.0	1.0	440.0
B396	108	GEO_Eqn_6.12b_nls06	1050	-235.0	-133.0	0.3	52.0	1.0	505.0
B396	108	GEO_Eqn_6.12b_nls06	1050	-216.0	-15.0	0.1	52.0	-0.2	532.0
B396	108	GEO_Eqn_6.12b_nls06	1157.14	-216.0	-12.0	0.1	52.0	-0.2	534.0
B396	108	GEO_Eqn_6.12b_nls06	1157.14	-72.0	43.0	1.0	50.0	-0.4	521.0
B396	108	GEO_Eqn_6.12b_nls06	1446.43	-72.0	51.0	1.0	50.0	-1.0	507.0
B396	108	GEO_Eqn_6.12b_nls06	1735.71	-72.0	58.0	1.0	50.0	-1.0	491.0
B396	108	GEO_Eqn_6.12b_nls06	1735.71	31.0	50.0	-0.3	50.0	-1.0	478.0
B396	108	GEO_Eqn_6.12b_nls06	2100	31.0	59.0	-0.3	50.0	-1.0	458.0
B396	108	GEO_Eqn_6.12b_nls06	2100	37.0	32.0	0.2	56.0	-2.0	433.0
B396	108	GEO_Eqn_6.12b_nls06	2314.29	37.0	38.0	0.2	56.0	-2.0	426.0
B396	108	GEO_Eqn_6.12b_nls06	2314.29	101.0	106.0	0.2	57.0	-2.0	411.0
B396	108	GEO_Eqn_6.12b_nls06	2603.57	101.0	114.0	0.2	57.0	-2.0	379.0
B396	108	GEO_Eqn_6.12b_nls06	2892.86	101.0	121.0	0.2	57.0	-2.0	345.0
B396	108	GEO_Eqn_6.12b_nls06	2892.86	131.0	37.0	-0.1	59.0	-2.0	335.0
B396	108	GEO_Eqn_6.12b_nls06	3150	131.0	43.0	-0.1	59.0	-2.0	325.0
B396	108	GEO_Eqn_6.12b_nls06	3150	130.0	68.0	0.0	70.0	-3.0	296.0
B396	108	GEO_Eqn_6.12b_nls06	3471.43	130.0	77.0	0.0	70.0	-3.0	273.0
B396	108	GEO_Eqn_6.12b_nls06	3471.43	139.0	192.0	-1.0	71.0	-3.0	256.0
B396	108	GEO_Eqn_6.12b_nls06	3760.71	139.0	200.0	-1.0	71.0	-3.0	199.0
B396	108	GEO_Eqn_6.12b_nls06	4050	139.0	207.0	-1.0	71.0	-2.0	141.0
B396	108	GEO_Eqn_6.12b_nls06	4050	132.0	104.0	-0.2	71.0	-2.0	119.0
B396	108	GEO_Eqn_6.12b_nls06	4275	132.0	110.0	-0.2	71.0	-2.0	95.0
B396	108	GEO_Eqn_6.12b_nls06	4275	134.0	217.0	-1.0	77.0	-1.0	12.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls06	4628.57	134.0	226.0	-1.0	77.0	-0.4	-66.0
B396	108	GEO_Eqn_6.12b_nls06	4628.57	133.0	728.0	-5.0	82.0	2.0	-114.0
B396	108	GEO_Eqn_6.12b_nls06	4917.86	133.0	735.0	-5.0	82.0	4.0	-326.0
B396	108	GEO_Eqn_6.12b_nls06	5207.14	133.0	743.0	-5.0	82.0	5.0	-539.0
B396	108	GEO_Eqn_6.12b_nls06	5207.14	134.0	214.0	-1.0	54.0	8.0	-687.0
B396	108	GEO_Eqn_6.12b_nls06	5400	134.0	219.0	-1.0	54.0	8.0	-729.0
B396	108	GEO_Eqn_6.12b_nls06	5400	-451.0	-590.0	1.0	-8.0	1.0	-718.0
B396	108	GEO_Eqn_6.12b_nls06	5785.71	-451.0	-580.0	1.0	-8.0	0.3	-493.0
B396	108	GEO_Eqn_6.12b_nls06	5785.71	-374.0	-598.0	-2.0	-22.0	1.0	-392.0
B396	108	GEO_Eqn_6.12b_nls06	6075	-374.0	-591.0	-2.0	-22.0	1.0	-220.0
B396	108	GEO_Eqn_6.12b_nls06	6364.29	-374.0	-583.0	-2.0	-22.0	2.0	-50.0
B396	108	GEO_Eqn_6.12b_nls06	6364.29	-250.0	-34.0	-0.1	-16.0	2.0	-39.0
B396	108	GEO_Eqn_6.12b_nls06	6480	-250.0	-31.0	-0.1	-16.0	2.0	-36.0
B396	108	GEO_Eqn_6.12b_nls06	6480	-221.0	-218.0	1.0	-11.0	2.0	17.0
B396	108	GEO_Eqn_6.12b_nls06	6942.86	-221.0	-206.0	1.0	-11.0	2.0	115.0
B396	108	GEO_Eqn_6.12b_nls06	6942.86	-98.0	-152.0	0.2	-12.0	1.0	130.0
B396	108	GEO_Eqn_6.12b_nls06	7232.14	-98.0	-145.0	0.2	-12.0	1.0	173.0
B396	108	GEO_Eqn_6.12b_nls06	7521.43	-98.0	-137.0	0.2	-12.0	1.0	214.0
B396	108	GEO_Eqn_6.12b_nls06	7521.43	1.0	-1.0	0.0	-3.0	1.0	210.0
B396	108	GEO_Eqn_6.12b_nls06	7560	1.0	-0.4	0.0	-3.0	1.0	210.0
B396	108	GEO_Eqn_6.12b_nls06	7560	19.0	-41.0	1.0	13.0	-1.0	215.0
B396	108	GEO_Eqn_6.12b_nls06	7830	19.0	-34.0	1.0	13.0	-1.0	225.0
B396	108	GEO_Eqn_6.12b_nls06	8100	19.0	-27.0	1.0	13.0	-1.0	234.0
B396	108	GEO_Eqn_6.12b_nls06	8100	106.0	-3.0	0.3	14.0	-2.0	231.0
B396	108	GEO_Eqn_6.12b_nls06	8370	106.0	3.0	0.3	14.0	-2.0	231.0
B396	108	GEO_Eqn_6.12b_nls06	8640	106.0	10.0	0.3	14.0	-2.0	229.0
B396	108	GEO_Eqn_6.12b_nls06	8640	110.0	0.0	0.0	32.0	-4.0	229.0
B396	108	GEO_Eqn_6.12b_nls06	8678.57	110.0	1.0	0.0	32.0	-4.0	229.0
B396	108	GEO_Eqn_6.12b_nls06	8678.57	173.0	104.0	-0.4	41.0	-4.0	222.0
B396	108	GEO_Eqn_6.12b_nls06	8967.86	173.0	112.0	-0.4	41.0	-4.0	190.0
B396	108	GEO_Eqn_6.12b_nls06	9257.14	173.0	119.0	-0.4	41.0	-4.0	157.0
B396	108	GEO_Eqn_6.12b_nls06	9257.14	223.0	183.0	-1.0	40.0	-3.0	135.0
B396	108	GEO_Eqn_6.12b_nls06	9720	223.0	194.0	-1.0	40.0	-3.0	48.0
B396	108	GEO_Eqn_6.12b_nls06	9720	230.0	28.0	-0.2	49.0	-3.0	1.0
B396	108	GEO_Eqn_6.12b_nls06	9835.71	230.0	31.0	-0.2	49.0	-3.0	-2.0
B396	108	GEO_Eqn_6.12b_nls06	9835.71	271.0	566.0	-6.0	56.0	-1.0	-20.0
B396	108	GEO_Eqn_6.12b_nls06	10125	271.0	573.0	-6.0	56.0	0.5	-185.0
B396	108	GEO_Eqn_6.12b_nls06	10414.29	271.0	581.0	-6.0	56.0	2.0	-352.0
B396	108	GEO_Eqn_6.12b_nls06	10414.29	310.0	570.0	-4.0	45.0	7.0	-458.0
B396	108	GEO_Eqn_6.12b_nls06	10800	310.0	580.0	-4.0	45.0	8.0	-680.0
B396	108	GEO_Eqn_6.12b_nls06	10800	-108.0	-164.0	1.0	1.0	2.0	-747.0
B396	108	GEO_Eqn_6.12b_nls06	10992.86	-108.0	-159.0	1.0	1.0	2.0	-716.0
B396	108	GEO_Eqn_6.12b_nls06	10992.86	-48.0	-426.0	1.0	-16.0	-0.3	-575.0
B396	108	GEO_Eqn_6.12b_nls06	11475	-48.0	-414.0	1.0	-16.0	-1.0	-373.0
B396	108	GEO_Eqn_6.12b_nls06	11475	-24.0	-37.0	0.0	-14.0	-2.0	-283.0
B396	108	GEO_Eqn_6.12b_nls06	11571.43	-24.0	-35.0	0.0	-14.0	-2.0	-280.0
B396	108	GEO_Eqn_6.12b_nls06	11571.43	80.0	-355.0	-2.0	-15.0	-0.4	-282.0
B396	108	GEO_Eqn_6.12b_nls06	11860.71	80.0	-348.0	-2.0	-15.0	0.2	-180.0
B396	108	GEO_Eqn_6.12b_nls06	12150	80.0	-341.0	-2.0	-15.0	1.0	-81.0
B396	108	GEO_Eqn_6.12b_nls06	12150	0.0	-501.0	0.0	7.0	0.0	-75.0
B396	108	GEO_Eqn_6.12b_nls06	12600	0.0	-490.0	0.0	7.0	0.0	148.0
B396	108	GEO_Eqn_6.12b_nls06	13050	0.0	-478.0	0.0	7.0	0.0	366.0
B396	108	GEO_Eqn_6.12b_nls06	13050	-245.0	-157.0	2.0	29.0	4.0	362.0
B396	108	GEO_Eqn_6.12b_nls06	13312.5	-245.0	-150.0	2.0	29.0	3.0	402.0
B396	108	GEO_Eqn_6.12b_nls06	13575	-245.0	-143.0	2.0	29.0	2.0	441.0
B396	108	GEO_Eqn_6.12b_nls06	13575	-132.0	-21.0	1.0	28.0	1.0	439.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls06	13837.5	-132.0	-14.0	1.0	28.0	1.0	443.0
B396	108	GEO_Eqn_6.12b_nls06	14100	-132.0	-7.0	1.0	28.0	1.0	446.0
B396	108	GEO_Eqn_6.12b_nls06	14100	-6.0	14.0	2.0	41.0	-1.0	437.0
B396	108	GEO_Eqn_6.12b_nls06	14362.5	-6.0	21.0	2.0	41.0	-2.0	432.0
B396	108	GEO_Eqn_6.12b_nls06	14625	-6.0	28.0	2.0	41.0	-2.0	426.0
B396	108	GEO_Eqn_6.12b_nls06	14625	72.0	27.0	1.0	40.0	-4.0	420.0
B396	108	GEO_Eqn_6.12b_nls06	14887.5	72.0	34.0	1.0	40.0	-4.0	412.0
B396	108	GEO_Eqn_6.12b_nls06	15150	72.0	41.0	1.0	40.0	-4.0	402.0
B396	108	GEO_Eqn_6.12b_nls06	15150	136.0	159.0	-4.0	35.0	-5.0	398.0
B396	108	GEO_Eqn_6.12b_nls06	15412.5	136.0	165.0	-4.0	35.0	-4.0	356.0
B396	108	GEO_Eqn_6.12b_nls06	15675	136.0	172.0	-4.0	35.0	-3.0	311.0
B396	108	GEO_Eqn_6.12b_nls06	15675	175.0	495.0	-7.0	33.0	3.0	286.0
B396	108	GEO_Eqn_6.12b_nls06	15937.5	175.0	502.0	-7.0	33.0	5.0	155.0
B396	108	GEO_Eqn_6.12b_nls06	16200	175.0	509.0	-7.0	33.0	7.0	22.0
B396	108	GEO_Eqn_6.12b_nls07	0	-82.0	132.0	-8.0	-150.0	-7.0	22.0
B396	108	GEO_Eqn_6.12b_nls07	289.29	-82.0	139.0	-8.0	-150.0	-5.0	-17.0
B396	108	GEO_Eqn_6.12b_nls07	578.57	-82.0	147.0	-8.0	-150.0	-2.0	-58.0
B396	108	GEO_Eqn_6.12b_nls07	578.57	-34.0	-20.0	-3.0	-145.0	0.0	-63.0
B396	108	GEO_Eqn_6.12b_nls07	1050	-34.0	-8.0	-4.0	-145.0	2.0	-56.0
B396	108	GEO_Eqn_6.12b_nls07	1050	-33.0	-1.0	-0.1	-130.0	2.0	-54.0
B396	108	GEO_Eqn_6.12b_nls07	1157.14	-33.0	2.0	-0.1	-130.0	2.0	-54.0
B396	108	GEO_Eqn_6.12b_nls07	1157.14	-2.0	-55.0	-0.5	-122.0	2.0	-56.0
B396	108	GEO_Eqn_6.12b_nls07	1446.43	-2.0	-47.0	-0.5	-122.0	2.0	-41.0
B396	108	GEO_Eqn_6.12b_nls07	1735.71	-2.0	-40.0	-1.0	-122.0	2.0	-28.0
B396	108	GEO_Eqn_6.12b_nls07	1735.71	19.0	-40.0	0.0	-116.0	2.0	-23.0
B396	108	GEO_Eqn_6.12b_nls07	2100	19.0	-30.0	0.0	-116.0	2.0	-10.0
B396	108	GEO_Eqn_6.12b_nls07	2100	21.0	-10.0	0.0	-96.0	2.0	-2.0
B396	108	GEO_Eqn_6.12b_nls07	2314.29	21.0	-5.0	0.0	-96.0	2.0	0.1
B396	108	GEO_Eqn_6.12b_nls07	2314.29	34.0	-39.0	0.5	-89.0	2.0	0.2
B396	108	GEO_Eqn_6.12b_nls07	2603.57	34.0	-31.0	0.5	-89.0	2.0	10.0
B396	108	GEO_Eqn_6.12b_nls07	2892.86	34.0	-24.0	0.5	-89.0	1.0	18.0
B396	108	GEO_Eqn_6.12b_nls07	2892.86	38.0	-16.0	0.1	-82.0	1.0	22.0
B396	108	GEO_Eqn_6.12b_nls07	3150	38.0	-10.0	0.1	-82.0	1.0	26.0
B396	108	GEO_Eqn_6.12b_nls07	3150	38.0	-2.0	0.1	-57.0	1.0	29.0
B396	108	GEO_Eqn_6.12b_nls07	3471.43	38.0	6.0	0.1	-57.0	1.0	28.0
B396	108	GEO_Eqn_6.12b_nls07	3471.43	34.0	-16.0	1.0	-51.0	1.0	27.0
B396	108	GEO_Eqn_6.12b_nls07	3760.71	34.0	-9.0	1.0	-51.0	1.0	31.0
B396	108	GEO_Eqn_6.12b_nls07	4050	34.0	-1.0	1.0	-51.0	1.0	32.0
B396	108	GEO_Eqn_6.12b_nls07	4050	19.0	-12.0	0.1	-46.0	0.2	37.0
B396	108	GEO_Eqn_6.12b_nls07	4275	19.0	-6.0	0.1	-46.0	0.2	39.0
B396	108	GEO_Eqn_6.12b_nls07	4275	13.0	1.0	1.0	-29.0	-0.1	40.0
B396	108	GEO_Eqn_6.12b_nls07	4628.57	13.0	10.0	1.0	-29.0	-0.3	38.0
B396	108	GEO_Eqn_6.12b_nls07	4628.57	-14.0	-46.0	2.0	-19.0	-2.0	39.0
B396	108	GEO_Eqn_6.12b_nls07	4917.86	-14.0	-39.0	2.0	-19.0	-2.0	51.0
B396	108	GEO_Eqn_6.12b_nls07	5207.14	-14.0	-31.0	2.0	-19.0	-3.0	61.0
B396	108	GEO_Eqn_6.12b_nls07	5207.14	-27.0	-23.0	1.0	-46.0	-4.0	75.0
B396	108	GEO_Eqn_6.12b_nls07	5400	-27.0	-18.0	1.0	-46.0	-4.0	78.0
B396	108	GEO_Eqn_6.12b_nls07	5400	232.0	25.0	1.0	-104.0	2.0	54.0
B396	108	GEO_Eqn_6.12b_nls07	5785.71	232.0	35.0	1.0	-104.0	2.0	42.0
B396	108	GEO_Eqn_6.12b_nls07	5785.71	215.0	-11.0	2.0	-117.0	1.0	39.0
B396	108	GEO_Eqn_6.12b_nls07	6075	215.0	-4.0	2.0	-117.0	0.0	41.0
B396	108	GEO_Eqn_6.12b_nls07	6364.29	215.0	4.0	2.0	-117.0	-1.0	41.0
B396	108	GEO_Eqn_6.12b_nls07	6364.29	182.0	-4.0	0.1	-106.0	-2.0	45.0
B396	108	GEO_Eqn_6.12b_nls07	6480	182.0	-2.0	0.1	-106.0	-2.0	46.0
B396	108	GEO_Eqn_6.12b_nls07	6480	178.0	0.0	0.2	-93.0	-1.0	47.0
B396	108	GEO_Eqn_6.12b_nls07	6942.86	178.0	12.0	0.2	-93.0	-1.0	44.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls07	6942.86	134.0	-18.0	0.5	-91.0	-2.0	46.0
B396	108	GEO_Eqn_6.12b_nls07	7232.14	134.0	-11.0	0.5	-91.0	-2.0	50.0
B396	108	GEO_Eqn_6.12b_nls07	7521.43	134.0	-3.0	0.5	-91.0	-2.0	52.0
B396	108	GEO_Eqn_6.12b_nls07	7521.43	81.0	-1.0	0.0	-77.0	-2.0	57.0
B396	108	GEO_Eqn_6.12b_nls07	7560	81.0	0.2	0.0	-77.0	-2.0	57.0
B396	108	GEO_Eqn_6.12b_nls07	7560	78.0	7.0	-0.4	-52.0	-1.0	56.0
B396	108	GEO_Eqn_6.12b_nls07	7830	78.0	14.0	-0.4	-52.0	-1.0	53.0
B396	108	GEO_Eqn_6.12b_nls07	8100	78.0	20.0	-0.4	-52.0	-1.0	49.0
B396	108	GEO_Eqn_6.12b_nls07	8100	10.0	-4.0	-0.4	-50.0	-0.1	52.0
B396	108	GEO_Eqn_6.12b_nls07	8370	10.0	3.0	-0.4	-50.0	0.0	52.0
B396	108	GEO_Eqn_6.12b_nls07	8640	10.0	10.0	-0.4	-50.0	0.1	50.0
B396	108	GEO_Eqn_6.12b_nls07	8640	-1.0	0.0	0.0	-24.0	2.0	49.0
B396	108	GEO_Eqn_6.12b_nls07	8678.57	-1.0	1.0	0.0	-24.0	2.0	49.0
B396	108	GEO_Eqn_6.12b_nls07	8678.57	-74.0	26.0	-0.2	-10.0	2.0	52.0
B396	108	GEO_Eqn_6.12b_nls07	8967.86	-74.0	34.0	-0.2	-10.0	2.0	43.0
B396	108	GEO_Eqn_6.12b_nls07	9257.14	-74.0	41.0	-0.2	-10.0	2.0	32.0
B396	108	GEO_Eqn_6.12b_nls07	9257.14	-165.0	14.0	-0.1	-9.0	2.0	34.0
B396	108	GEO_Eqn_6.12b_nls07	9720	-165.0	26.0	-0.1	-9.0	2.0	25.0
B396	108	GEO_Eqn_6.12b_nls07	9720	-186.0	5.0	0.2	6.0	3.0	17.0
B396	108	GEO_Eqn_6.12b_nls07	9835.71	-186.0	8.0	0.1	6.0	3.0	17.0
B396	108	GEO_Eqn_6.12b_nls07	9835.71	-283.0	49.0	4.0	16.0	2.0	18.0
B396	108	GEO_Eqn_6.12b_nls07	10125	-283.0	57.0	4.0	16.0	1.0	2.0
B396	108	GEO_Eqn_6.12b_nls07	10414.29	-283.0	64.0	4.0	16.0	-0.5	-15.0
B396	108	GEO_Eqn_6.12b_nls07	10414.29	-363.0	24.0	2.0	7.0	-3.0	-16.0
B396	108	GEO_Eqn_6.12b_nls07	10800	-363.0	34.0	2.0	7.0	-4.0	-27.0
B396	108	GEO_Eqn_6.12b_nls07	10800	82.0	-47.0	-0.2	-31.0	-1.0	2.0
B396	108	GEO_Eqn_6.12b_nls07	10992.86	82.0	-42.0	-0.2	-31.0	-1.0	10.0
B396	108	GEO_Eqn_6.12b_nls07	10992.86	33.0	-155.0	-1.0	-45.0	0.2	48.0
B396	108	GEO_Eqn_6.12b_nls07	11475	33.0	-143.0	-1.0	-45.0	1.0	120.0
B396	108	GEO_Eqn_6.12b_nls07	11475	14.0	-12.0	0.0	-40.0	1.0	154.0
B396	108	GEO_Eqn_6.12b_nls07	11571.43	14.0	-10.0	0.0	-40.0	1.0	155.0
B396	108	GEO_Eqn_6.12b_nls07	11571.43	-57.0	-22.0	1.0	-37.0	0.1	156.0
B396	108	GEO_Eqn_6.12b_nls07	11860.71	-57.0	-15.0	1.0	-37.0	-0.1	162.0
B396	108	GEO_Eqn_6.12b_nls07	12150	-57.0	-7.0	1.0	-37.0	-0.4	165.0
B396	108	GEO_Eqn_6.12b_nls07	12150	0.0	191.0	0.0	-12.0	0.0	172.0
B396	108	GEO_Eqn_6.12b_nls07	12600	0.0	203.0	0.0	-12.0	0.0	83.0
B396	108	GEO_Eqn_6.12b_nls07	13050	0.0	214.0	0.0	-12.0	0.0	-11.0
B396	108	GEO_Eqn_6.12b_nls07	13050	323.0	47.0	1.0	16.0	0.0	-14.0
B396	108	GEO_Eqn_6.12b_nls07	13312.5	323.0	54.0	1.0	16.0	-0.3	-27.0
B396	108	GEO_Eqn_6.12b_nls07	13575	323.0	60.0	1.0	16.0	-1.0	-42.0
B396	108	GEO_Eqn_6.12b_nls07	13575	229.0	-66.0	1.0	17.0	-1.0	-35.0
B396	108	GEO_Eqn_6.12b_nls07	13837.5	229.0	-59.0	1.0	17.0	-2.0	-19.0
B396	108	GEO_Eqn_6.12b_nls07	14100	229.0	-53.0	1.0	17.0	-2.0	-4.0
B396	108	GEO_Eqn_6.12b_nls07	14100	91.0	-43.0	-1.0	44.0	-0.4	4.0
B396	108	GEO_Eqn_6.12b_nls07	14362.5	91.0	-37.0	-1.0	44.0	-0.1	15.0
B396	108	GEO_Eqn_6.12b_nls07	14625	91.0	-30.0	-1.0	44.0	0.2	23.0
B396	108	GEO_Eqn_6.12b_nls07	14625	-42.0	-21.0	-1.0	44.0	1.0	33.0
B396	108	GEO_Eqn_6.12b_nls07	14887.5	-42.0	-15.0	-1.0	44.0	2.0	37.0
B396	108	GEO_Eqn_6.12b_nls07	15150	-42.0	-8.0	-1.0	44.0	2.0	40.0
B396	108	GEO_Eqn_6.12b_nls07	15150	-223.0	31.0	2.0	62.0	4.0	48.0
B396	108	GEO_Eqn_6.12b_nls07	15412.5	-223.0	37.0	2.0	62.0	3.0	39.0
B396	108	GEO_Eqn_6.12b_nls07	15675	-223.0	44.0	2.0	62.0	2.0	28.0
B396	108	GEO_Eqn_6.12b_nls07	15675	-379.0	86.0	4.0	63.0	-1.0	32.0
B396	108	GEO_Eqn_6.12b_nls07	15937.5	-379.0	93.0	4.0	63.0	-3.0	9.0
B396	108	GEO_Eqn_6.12b_nls07	16200	-379.0	100.0	4.0	63.0	-4.0	-17.0
B396	108	GEO_Eqn_6.12b_nls08	0	-568.0	-113.0	-12.0	-117.0	-10.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls08	289.29	-568.0	-105.0	-12.0	-117.0	-6.0	46.0
B396	108	GEO_Eqn_6.12b_nls08	578.57	-568.0	-98.0	-12.0	-117.0	-3.0	75.0
B396	108	GEO_Eqn_6.12b_nls08	578.57	-378.0	-60.0	-7.0	-113.0	1.0	72.0
B396	108	GEO_Eqn_6.12b_nls08	1050	-378.0	-48.0	-7.0	-113.0	4.0	98.0
B396	108	GEO_Eqn_6.12b_nls08	1050	-367.0	-6.0	-0.1	-100.0	3.0	108.0
B396	108	GEO_Eqn_6.12b_nls08	1157.14	-367.0	-3.0	-0.1	-100.0	3.0	108.0
B396	108	GEO_Eqn_6.12b_nls08	1157.14	-214.0	-37.0	-1.0	-93.0	3.0	99.0
B396	108	GEO_Eqn_6.12b_nls08	1446.43	-214.0	-30.0	-1.0	-93.0	4.0	109.0
B396	108	GEO_Eqn_6.12b_nls08	1735.71	-214.0	-22.0	-1.0	-93.0	4.0	116.0
B396	108	GEO_Eqn_6.12b_nls08	1735.71	-81.0	-19.0	-0.4	-88.0	5.0	112.0
B396	108	GEO_Eqn_6.12b_nls08	2100	-81.0	-10.0	-0.4	-88.0	5.0	117.0
B396	108	GEO_Eqn_6.12b_nls08	2100	-72.0	-1.0	0.1	-70.0	3.0	118.0
B396	108	GEO_Eqn_6.12b_nls08	2314.29	-72.0	5.0	0.1	-70.0	3.0	118.0
B396	108	GEO_Eqn_6.12b_nls08	2314.29	38.0	-5.0	1.0	-64.0	2.0	110.0
B396	108	GEO_Eqn_6.12b_nls08	2603.57	38.0	2.0	1.0	-64.0	2.0	110.0
B396	108	GEO_Eqn_6.12b_nls08	2892.86	38.0	9.0	1.0	-64.0	1.0	109.0
B396	108	GEO_Eqn_6.12b_nls08	2892.86	132.0	-5.0	0.3	-57.0	1.0	105.0
B396	108	GEO_Eqn_6.12b_nls08	3150	132.0	1.0	0.3	-57.0	1.0	106.0
B396	108	GEO_Eqn_6.12b_nls08	3150	144.0	12.0	0.2	-34.0	-2.0	102.0
B396	108	GEO_Eqn_6.12b_nls08	3471.43	143.0	21.0	0.1	-34.0	-2.0	97.0
B396	108	GEO_Eqn_6.12b_nls08	3471.43	226.0	22.0	1.0	-29.0	-2.0	88.0
B396	108	GEO_Eqn_6.12b_nls08	3760.71	226.0	30.0	1.0	-29.0	-2.0	81.0
B396	108	GEO_Eqn_6.12b_nls08	4050	226.0	37.0	1.0	-29.0	-2.0	71.0
B396	108	GEO_Eqn_6.12b_nls08	4050	297.0	9.0	0.1	-23.0	-3.0	66.0
B396	108	GEO_Eqn_6.12b_nls08	4275	297.0	15.0	0.1	-23.0	-3.0	63.0
B396	108	GEO_Eqn_6.12b_nls08	4275	319.0	41.0	-1.0	-4.0	-3.0	49.0
B396	108	GEO_Eqn_6.12b_nls08	4628.57	319.0	50.0	-1.0	-4.0	-2.0	33.0
B396	108	GEO_Eqn_6.12b_nls08	4628.57	387.0	100.0	-2.0	4.0	-1.0	21.0
B396	108	GEO_Eqn_6.12b_nls08	4917.86	387.0	107.0	-2.0	4.0	-0.3	-9.0
B396	108	GEO_Eqn_6.12b_nls08	5207.14	387.0	114.0	-2.0	4.0	0.4	-41.0
B396	108	GEO_Eqn_6.12b_nls08	5207.14	406.0	21.0	0.0	-9.0	1.0	-61.0
B396	108	GEO_Eqn_6.12b_nls08	5400	406.0	26.0	0.0	-9.0	1.0	-65.0
B396	108	GEO_Eqn_6.12b_nls08	5400	-327.0	-66.0	-2.0	-37.0	-3.0	-87.0
B396	108	GEO_Eqn_6.12b_nls08	5785.71	-327.0	-56.0	-2.0	-37.0	-3.0	-64.0
B396	108	GEO_Eqn_6.12b_nls08	5785.71	-260.0	-106.0	-3.0	-43.0	-0.4	-58.0
B396	108	GEO_Eqn_6.12b_nls08	6075	-260.0	-99.0	-3.0	-43.0	0.5	-28.0
B396	108	GEO_Eqn_6.12b_nls08	6364.29	-260.0	-91.0	-3.0	-43.0	1.0	-1.0
B396	108	GEO_Eqn_6.12b_nls08	6364.29	-170.0	-10.0	-0.1	-32.0	3.0	-0.2
B396	108	GEO_Eqn_6.12b_nls08	6480	-170.0	-7.0	-0.1	-32.0	3.0	1.0
B396	108	GEO_Eqn_6.12b_nls08	6480	-144.0	-45.0	0.2	-15.0	2.0	13.0
B396	108	GEO_Eqn_6.12b_nls08	6942.86	-144.0	-33.0	0.2	-15.0	2.0	31.0
B396	108	GEO_Eqn_6.12b_nls08	6942.86	-61.0	-53.0	0.4	-14.0	2.0	31.0
B396	108	GEO_Eqn_6.12b_nls08	7232.14	-61.0	-46.0	0.4	-14.0	2.0	45.0
B396	108	GEO_Eqn_6.12b_nls08	7521.43	-61.0	-38.0	0.4	-14.0	2.0	58.0
B396	108	GEO_Eqn_6.12b_nls08	7521.43	3.0	-1.0	0.0	0.4	2.0	55.0
B396	108	GEO_Eqn_6.12b_nls08	7560	3.0	0.0	0.0	0.4	2.0	55.0
B396	108	GEO_Eqn_6.12b_nls08	7560	16.0	-14.0	1.0	26.0	0.2	57.0
B396	108	GEO_Eqn_6.12b_nls08	7830	16.0	-7.0	1.0	26.0	0.1	60.0
B396	108	GEO_Eqn_6.12b_nls08	8100	16.0	0.3	1.0	26.0	-0.1	61.0
B396	108	GEO_Eqn_6.12b_nls08	8100	74.0	-21.0	0.5	28.0	-1.0	59.0
B396	108	GEO_Eqn_6.12b_nls08	8370	74.0	-14.0	0.5	28.0	-1.0	63.0
B396	108	GEO_Eqn_6.12b_nls08	8640	74.0	-7.0	0.5	28.0	-1.0	66.0
B396	108	GEO_Eqn_6.12b_nls08	8640	78.0	-0.2	0.0	52.0	-2.0	67.0
B396	108	GEO_Eqn_6.12b_nls08	8678.57	78.0	1.0	0.0	52.0	-2.0	67.0
B396	108	GEO_Eqn_6.12b_nls08	8678.57	122.0	6.0	-0.2	66.0	-2.0	63.0
B396	108	GEO_Eqn_6.12b_nls08	8967.86	122.0	14.0	-0.2	66.0	-2.0	60.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls08	9257.14	122.0	21.0	-0.3	66.0	-2.0	55.0
B396	108	GEO_Eqn_6.12b_nls08	9257.14	157.0	-6.0	-0.2	67.0	-2.0	53.0
B396	108	GEO_Eqn_6.12b_nls08	9720	157.0	6.0	-0.2	67.0	-2.0	53.0
B396	108	GEO_Eqn_6.12b_nls08	9720	161.0	2.0	-0.1	75.0	-2.0	50.0
B396	108	GEO_Eqn_6.12b_nls08	9835.71	161.0	5.0	-0.1	75.0	-2.0	50.0
B396	108	GEO_Eqn_6.12b_nls08	9835.71	186.0	17.0	-3.0	86.0	-1.0	45.0
B396	108	GEO_Eqn_6.12b_nls08	10125	186.0	24.0	-3.0	86.0	0.0	40.0
B396	108	GEO_Eqn_6.12b_nls08	10414.29	186.0	32.0	-3.0	86.0	1.0	32.0
B396	108	GEO_Eqn_6.12b_nls08	10414.29	198.0	-7.0	-1.0	67.0	2.0	30.0
B396	108	GEO_Eqn_6.12b_nls08	10800	198.0	2.0	-1.0	67.0	3.0	31.0
B396	108	GEO_Eqn_6.12b_nls08	10800	-15.0	5.0	-0.1	-21.0	-0.2	49.0
B396	108	GEO_Eqn_6.12b_nls08	10992.86	-15.0	10.0	-0.1	-21.0	-0.2	47.0
B396	108	GEO_Eqn_6.12b_nls08	10992.86	-8.0	-5.0	-0.1	-52.0	0.0	42.0
B396	108	GEO_Eqn_6.12b_nls08	11475	-8.0	7.0	-0.1	-52.0	0.0	42.0
B396	108	GEO_Eqn_6.12b_nls08	11475	-3.0	1.0	0.0	-56.0	0.4	43.0
B396	108	GEO_Eqn_6.12b_nls08	11571.43	-3.0	4.0	0.0	-56.0	0.4	43.0
B396	108	GEO_Eqn_6.12b_nls08	11571.43	13.0	-4.0	0.4	-58.0	0.1	40.0
B396	108	GEO_Eqn_6.12b_nls08	11860.71	13.0	3.0	0.4	-58.0	0.0	40.0
B396	108	GEO_Eqn_6.12b_nls08	12150	13.0	10.0	0.4	-58.0	-0.1	38.0
B396	108	GEO_Eqn_6.12b_nls08	12150	0.0	6.0	0.0	-33.0	0.0	42.0
B396	108	GEO_Eqn_6.12b_nls08	12600	0.0	18.0	0.0	-33.0	0.0	36.0
B396	108	GEO_Eqn_6.12b_nls08	13050	0.0	29.0	0.0	-33.0	0.0	26.0
B396	108	GEO_Eqn_6.12b_nls08	13050	79.0	26.0	-1.0	-3.0	-2.0	22.0
B396	108	GEO_Eqn_6.12b_nls08	13312.5	79.0	32.0	-1.0	-3.0	-1.0	15.0
B396	108	GEO_Eqn_6.12b_nls08	13575	79.0	39.0	-1.0	-3.0	-1.0	5.0
B396	108	GEO_Eqn_6.12b_nls08	13575	57.0	5.0	-1.0	-3.0	-1.0	5.0
B396	108	GEO_Eqn_6.12b_nls08	13837.5	57.0	12.0	-1.0	-3.0	-1.0	3.0
B396	108	GEO_Eqn_6.12b_nls08	14100	57.0	18.0	-1.0	-3.0	-0.4	-1.0
B396	108	GEO_Eqn_6.12b_nls08	14100	24.0	22.0	-1.0	26.0	0.5	-2.0
B396	108	GEO_Eqn_6.12b_nls08	14362.5	24.0	28.0	-1.0	26.0	1.0	-9.0
B396	108	GEO_Eqn_6.12b_nls08	14625	24.0	35.0	-1.0	26.0	1.0	-17.0
B396	108	GEO_Eqn_6.12b_nls08	14625	-9.0	-5.0	-1.0	27.0	2.0	-17.0
B396	108	GEO_Eqn_6.12b_nls08	14887.5	-9.0	2.0	-1.0	27.0	2.0	-16.0
B396	108	GEO_Eqn_6.12b_nls08	15150	-9.0	8.0	-1.0	27.0	2.0	-18.0
B396	108	GEO_Eqn_6.12b_nls08	15150	-54.0	-47.0	2.0	46.0	3.0	-16.0
B396	108	GEO_Eqn_6.12b_nls08	15412.5	-54.0	-40.0	2.0	46.0	2.0	-5.0
B396	108	GEO_Eqn_6.12b_nls08	15675	-54.0	-33.0	2.0	46.0	2.0	5.0
B396	108	GEO_Eqn_6.12b_nls08	15675	-97.0	-158.0	4.0	47.0	-2.0	14.0
B396	108	GEO_Eqn_6.12b_nls08	15937.5	-97.0	-152.0	4.0	47.0	-3.0	55.0
B396	108	GEO_Eqn_6.12b_nls08	16200	-97.0	-145.0	4.0	47.0	-4.0	94.0
B396	108	GEO_Eqn_6.12b_nls09	0	673.0	-50.0	10.0	-61.0	8.0	16.0
B396	108	GEO_Eqn_6.12b_nls09	289.29	673.0	-43.0	10.0	-61.0	5.0	29.0
B396	108	GEO_Eqn_6.12b_nls09	578.57	673.0	-35.0	10.0	-61.0	3.0	40.0
B396	108	GEO_Eqn_6.12b_nls09	578.57	523.0	-25.0	7.0	-60.0	-1.0	50.0
B396	108	GEO_Eqn_6.12b_nls09	1050	523.0	-13.0	7.0	-60.0	-4.0	59.0
B396	108	GEO_Eqn_6.12b_nls09	1050	518.0	-2.0	0.1	-51.0	-3.0	61.0
B396	108	GEO_Eqn_6.12b_nls09	1157.14	518.0	1.0	0.1	-51.0	-3.0	61.0
B396	108	GEO_Eqn_6.12b_nls09	1157.14	379.0	-8.0	2.0	-48.0	-3.0	67.0
B396	108	GEO_Eqn_6.12b_nls09	1446.43	379.0	-0.4	2.0	-48.0	-4.0	68.0
B396	108	GEO_Eqn_6.12b_nls09	1735.71	379.0	7.0	2.0	-48.0	-5.0	67.0
B396	108	GEO_Eqn_6.12b_nls09	1735.71	230.0	-11.0	1.0	-45.0	-5.0	76.0
B396	108	GEO_Eqn_6.12b_nls09	2100	230.0	-1.0	1.0	-45.0	-6.0	78.0
B396	108	GEO_Eqn_6.12b_nls09	2100	221.0	4.0	-0.1	-29.0	-3.0	76.0
B396	108	GEO_Eqn_6.12b_nls09	2314.29	221.0	9.0	-0.1	-29.0	-3.0	74.0
B396	108	GEO_Eqn_6.12b_nls09	2314.29	74.0	7.0	-1.0	-25.0	-2.0	80.0
B396	108	GEO_Eqn_6.12b_nls09	2603.57	74.0	14.0	-1.0	-25.0	-2.0	76.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls09	2892.86	74.0	22.0	-1.0	-25.0	-1.0	71.0
B396	108	GEO_Eqn_6.12b_nls09	2892.86	-88.0	1.0	-0.4	-20.0	-0.5	80.0
B396	108	GEO_Eqn_6.12b_nls09	3150	-88.0	8.0	-0.4	-20.0	-0.4	79.0
B396	108	GEO_Eqn_6.12b_nls09	3150	-112.0	22.0	-0.1	-2.0	4.0	72.0
B396	108	GEO_Eqn_6.12b_nls09	3471.43	-112.0	30.0	-0.1	-2.0	4.0	63.0
B396	108	GEO_Eqn_6.12b_nls09	3471.43	-283.0	57.0	-1.0	3.0	4.0	67.0
B396	108	GEO_Eqn_6.12b_nls09	3760.71	-283.0	64.0	-1.0	3.0	4.0	49.0
B396	108	GEO_Eqn_6.12b_nls09	4050	-283.0	72.0	-1.0	3.0	4.0	29.0
B396	108	GEO_Eqn_6.12b_nls09	4050	-468.0	27.0	-0.2	3.0	5.0	35.0
B396	108	GEO_Eqn_6.12b_nls09	4275	-468.0	33.0	-0.2	3.0	5.0	28.0
B396	108	GEO_Eqn_6.12b_nls09	4275	-524.0	75.0	2.0	7.0	4.0	1.0
B396	108	GEO_Eqn_6.12b_nls09	4628.57	-524.0	84.0	2.0	7.0	4.0	-27.0
B396	108	GEO_Eqn_6.12b_nls09	4628.57	-725.0	202.0	6.0	18.0	0.2	-33.0
B396	108	GEO_Eqn_6.12b_nls09	4917.86	-725.0	210.0	6.0	18.0	-2.0	-92.0
B396	108	GEO_Eqn_6.12b_nls09	5207.14	-725.0	217.0	6.0	18.0	-3.0	-154.0
B396	108	GEO_Eqn_6.12b_nls09	5207.14	-792.0	55.0	0.3	-35.0	-5.0	-186.0
B396	108	GEO_Eqn_6.12b_nls09	5400	-792.0	60.0	0.3	-35.0	-5.0	-197.0
B396	108	GEO_Eqn_6.12b_nls09	5400	881.0	-215.0	5.0	-158.0	12.0	-197.0
B396	108	GEO_Eqn_6.12b_nls09	5785.71	881.0	-205.0	5.0	-158.0	10.0	-116.0
B396	108	GEO_Eqn_6.12b_nls09	5785.71	761.0	-222.0	11.0	-184.0	3.0	-65.0
B396	108	GEO_Eqn_6.12b_nls09	6075	761.0	-215.0	11.0	-184.0	-0.2	-2.0
B396	108	GEO_Eqn_6.12b_nls09	6364.29	761.0	-207.0	11.0	-184.0	-3.0	59.0
B396	108	GEO_Eqn_6.12b_nls09	6364.29	587.0	-13.0	0.4	-176.0	-7.0	75.0
B396	108	GEO_Eqn_6.12b_nls09	6480	587.0	-10.0	0.4	-176.0	-7.0	76.0
B396	108	GEO_Eqn_6.12b_nls09	6480	545.0	-57.0	0.4	-175.0	-6.0	90.0
B396	108	GEO_Eqn_6.12b_nls09	6942.86	545.0	-45.0	0.4	-175.0	-7.0	114.0
B396	108	GEO_Eqn_6.12b_nls09	6942.86	362.0	-37.0	0.3	-176.0	-7.0	128.0
B396	108	GEO_Eqn_6.12b_nls09	7232.14	362.0	-29.0	0.3	-176.0	-7.0	138.0
B396	108	GEO_Eqn_6.12b_nls09	7521.43	362.0	-22.0	0.3	-176.0	-7.0	145.0
B396	108	GEO_Eqn_6.12b_nls09	7521.43	179.0	-1.0	0.0	-165.0	-7.0	159.0
B396	108	GEO_Eqn_6.12b_nls09	7560	179.0	0.3	0.0	-165.0	-7.0	159.0
B396	108	GEO_Eqn_6.12b_nls09	7560	157.0	17.0	-1.0	-145.0	-3.0	155.0
B396	108	GEO_Eqn_6.12b_nls09	7830	157.0	24.0	-1.0	-145.0	-2.0	150.0
B396	108	GEO_Eqn_6.12b_nls09	8100	157.0	31.0	-1.0	-145.0	-2.0	143.0
B396	108	GEO_Eqn_6.12b_nls09	8100	-55.0	29.0	-2.0	-144.0	-0.5	151.0
B396	108	GEO_Eqn_6.12b_nls09	8370	-55.0	36.0	-2.0	-144.0	0.0	142.0
B396	108	GEO_Eqn_6.12b_nls09	8640	-55.0	43.0	-2.0	-144.0	0.4	131.0
B396	108	GEO_Eqn_6.12b_nls09	8640	-85.0	0.5	0.0	-122.0	5.0	125.0
B396	108	GEO_Eqn_6.12b_nls09	8678.57	-85.0	1.0	0.0	-122.0	5.0	125.0
B396	108	GEO_Eqn_6.12b_nls09	8678.57	-298.0	113.0	-0.2	-111.0	5.0	136.0
B396	108	GEO_Eqn_6.12b_nls09	8967.86	-298.0	121.0	-0.2	-111.0	6.0	102.0
B396	108	GEO_Eqn_6.12b_nls09	9257.14	-298.0	128.0	-0.2	-111.0	6.0	66.0
B396	108	GEO_Eqn_6.12b_nls09	9257.14	-542.0	155.0	-0.4	-110.0	6.0	63.0
B396	108	GEO_Eqn_6.12b_nls09	9720	-542.0	167.0	-0.4	-110.0	6.0	-12.0
B396	108	GEO_Eqn_6.12b_nls09	9720	-592.0	24.0	0.4	-87.0	8.0	-53.0
B396	108	GEO_Eqn_6.12b_nls09	9835.71	-592.0	27.0	0.4	-87.0	8.0	-55.0
B396	108	GEO_Eqn_6.12b_nls09	9835.71	-837.0	422.0	10.0	-79.0	4.0	-56.0
B396	108	GEO_Eqn_6.12b_nls09	10125	-837.0	429.0	10.0	-79.0	2.0	-179.0
B396	108	GEO_Eqn_6.12b_nls09	10414.29	-837.0	437.0	10.0	-79.0	-1.0	-304.0
B396	108	GEO_Eqn_6.12b_nls09	10414.29	-1019.0	413.0	3.0	-73.0	-6.0	-367.0
B396	108	GEO_Eqn_6.12b_nls09	10800	-1019.0	423.0	3.0	-73.0	-8.0	-528.0
B396	108	GEO_Eqn_6.12b_nls09	10800	152.0	-215.0	0.0	-32.0	-0.3	-530.0
B396	108	GEO_Eqn_6.12b_nls09	10992.86	152.0	-210.0	0.0	-32.0	-0.3	-489.0
B396	108	GEO_Eqn_6.12b_nls09	10992.86	64.0	-594.0	-1.0	-17.0	0.3	-310.0
B396	108	GEO_Eqn_6.12b_nls09	11475	64.0	-581.0	-1.0	-17.0	1.0	-27.0
B396	108	GEO_Eqn_6.12b_nls09	11475	24.0	-52.0	0.0	1.0	-0.2	102.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls09	11571.43	24.0	-49.0	0.0	1.0	-0.2	107.0
B396	108	GEO_Eqn_6.12b_nls09	11571.43	-108.0	-246.0	-0.1	8.0	-0.2	113.0
B396	108	GEO_Eqn_6.12b_nls09	11860.71	-108.0	-239.0	-0.1	8.0	-0.2	183.0
B396	108	GEO_Eqn_6.12b_nls09	12150	-108.0	-231.0	-0.1	8.0	-0.2	251.0
B396	108	GEO_Eqn_6.12b_nls09	12150	0.0	136.0	0.0	32.0	0.0	263.0
B396	108	GEO_Eqn_6.12b_nls09	12600	0.0	148.0	0.0	32.0	0.0	200.0
B396	108	GEO_Eqn_6.12b_nls09	13050	0.0	159.0	0.0	32.0	0.0	130.0
B396	108	GEO_Eqn_6.12b_nls09	13050	433.0	-28.0	5.0	54.0	5.0	128.0
B396	108	GEO_Eqn_6.12b_nls09	13312.5	433.0	-22.0	5.0	54.0	4.0	135.0
B396	108	GEO_Eqn_6.12b_nls09	13575	433.0	-15.0	5.0	54.0	3.0	140.0
B396	108	GEO_Eqn_6.12b_nls09	13575	329.0	-169.0	4.0	53.0	-1.0	153.0
B396	108	GEO_Eqn_6.12b_nls09	13837.5	329.0	-162.0	4.0	53.0	-2.0	197.0
B396	108	GEO_Eqn_6.12b_nls09	14100	329.0	-155.0	4.0	53.0	-4.0	238.0
B396	108	GEO_Eqn_6.12b_nls09	14100	152.0	-132.0	-0.2	69.0	-3.0	254.0
B396	108	GEO_Eqn_6.12b_nls09	14362.5	152.0	-125.0	-0.2	69.0	-3.0	287.0
B396	108	GEO_Eqn_6.12b_nls09	14625	152.0	-118.0	-0.2	69.0	-3.0	319.0
B396	108	GEO_Eqn_6.12b_nls09	14625	-39.0	-32.0	-0.5	68.0	-2.0	336.0
B396	108	GEO_Eqn_6.12b_nls09	14887.5	-39.0	-25.0	-0.5	68.0	-2.0	344.0
B396	108	GEO_Eqn_6.12b_nls09	15150	-39.0	-19.0	-0.5	68.0	-2.0	349.0
B396	108	GEO_Eqn_6.12b_nls09	15150	-317.0	227.0	-0.4	70.0	0.5	362.0
B396	108	GEO_Eqn_6.12b_nls09	15412.5	-317.0	234.0	-0.4	70.0	1.0	301.0
B396	108	GEO_Eqn_6.12b_nls09	15675	-317.0	241.0	-0.4	70.0	1.0	239.0
B396	108	GEO_Eqn_6.12b_nls09	15675	-558.0	740.0	-2.0	69.0	2.0	217.0
B396	108	GEO_Eqn_6.12b_nls09	15937.5	-558.0	747.0	-2.0	69.0	3.0	22.0
B396	108	GEO_Eqn_6.12b_nls09	16200	-558.0	753.0	-2.0	69.0	3.0	-174.0
B396	108	GEO_Eqn_6.12b_nls10	0	561.0	52.0	4.0	-102.0	4.0	1.0
B396	108	GEO_Eqn_6.12b_nls10	289.29	561.0	59.0	4.0	-102.0	3.0	-15.0
B396	108	GEO_Eqn_6.12b_nls10	578.57	561.0	66.0	4.0	-102.0	1.0	-33.0
B396	108	GEO_Eqn_6.12b_nls10	578.57	439.0	-21.0	4.0	-99.0	-1.0	-27.0
B396	108	GEO_Eqn_6.12b_nls10	1050	439.0	-9.0	4.0	-99.0	-3.0	-20.0
B396	108	GEO_Eqn_6.12b_nls10	1050	434.0	-1.0	0.1	-86.0	-2.0	-19.0
B396	108	GEO_Eqn_6.12b_nls10	1157.14	434.0	1.0	0.1	-86.0	-2.0	-19.0
B396	108	GEO_Eqn_6.12b_nls10	1157.14	318.0	-28.0	2.0	-80.0	-2.0	-13.0
B396	108	GEO_Eqn_6.12b_nls10	1446.43	318.0	-21.0	2.0	-80.0	-3.0	-6.0
B396	108	GEO_Eqn_6.12b_nls10	1735.71	318.0	-13.0	2.0	-80.0	-3.0	-1.0
B396	108	GEO_Eqn_6.12b_nls10	1735.71	193.0	-23.0	1.0	-76.0	-4.0	9.0
B396	108	GEO_Eqn_6.12b_nls10	2100	193.0	-14.0	1.0	-76.0	-4.0	15.0
B396	108	GEO_Eqn_6.12b_nls10	2100	185.0	-2.0	-0.1	-57.0	-1.0	17.0
B396	108	GEO_Eqn_6.12b_nls10	2314.29	185.0	3.0	-0.1	-57.0	-1.0	17.0
B396	108	GEO_Eqn_6.12b_nls10	2314.29	63.0	-11.0	-1.0	-51.0	-1.0	23.0
B396	108	GEO_Eqn_6.12b_nls10	2603.57	63.0	-4.0	-1.0	-51.0	-1.0	25.0
B396	108	GEO_Eqn_6.12b_nls10	2892.86	63.0	4.0	-1.0	-51.0	-0.3	25.0
B396	108	GEO_Eqn_6.12b_nls10	2892.86	-71.0	-7.0	-0.2	-45.0	0.3	34.0
B396	108	GEO_Eqn_6.12b_nls10	3150	-71.0	-1.0	-0.2	-45.0	0.3	35.0
B396	108	GEO_Eqn_6.12b_nls10	3150	-92.0	10.0	-0.1	-23.0	4.0	33.0
B396	108	GEO_Eqn_6.12b_nls10	3471.43	-92.0	19.0	-0.1	-23.0	4.0	28.0
B396	108	GEO_Eqn_6.12b_nls10	3471.43	-233.0	11.0	-0.5	-17.0	4.0	32.0
B396	108	GEO_Eqn_6.12b_nls10	3760.71	-233.0	18.0	-0.5	-17.0	4.0	28.0
B396	108	GEO_Eqn_6.12b_nls10	4050	-233.0	26.0	-0.5	-17.0	4.0	22.0
B396	108	GEO_Eqn_6.12b_nls10	4050	-388.0	-3.0	-0.1	-16.0	4.0	32.0
B396	108	GEO_Eqn_6.12b_nls10	4275	-388.0	3.0	-0.1	-16.0	4.0	32.0
B396	108	GEO_Eqn_6.12b_nls10	4275	-437.0	19.0	2.0	-8.0	4.0	26.0
B396	108	GEO_Eqn_6.12b_nls10	4628.57	-437.0	28.0	2.0	-8.0	3.0	18.0
B396	108	GEO_Eqn_6.12b_nls10	4628.57	-612.0	-4.0	6.0	4.0	-1.0	23.0
B396	108	GEO_Eqn_6.12b_nls10	4917.86	-612.0	3.0	6.0	4.0	-2.0	23.0
B396	108	GEO_Eqn_6.12b_nls10	5207.14	-612.0	11.0	6.0	4.0	-4.0	21.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls10	5207.14	-673.0	-9.0	1.0	-48.0	-6.0	32.0
B396	108	GEO_Eqn_6.12b_nls10	5400	-673.0	-4.0	1.0	-48.0	-7.0	33.0
B396	108	GEO_Eqn_6.12b_nls10	5400	917.0	-37.0	4.0	-168.0	11.0	20.0
B396	108	GEO_Eqn_6.12b_nls10	5785.71	917.0	-28.0	4.0	-168.0	9.0	32.0
B396	108	GEO_Eqn_6.12b_nls10	5785.71	793.0	-55.0	10.0	-193.0	3.0	50.0
B396	108	GEO_Eqn_6.12b_nls10	6075	793.0	-47.0	10.0	-193.0	-0.4	65.0
B396	108	GEO_Eqn_6.12b_nls10	6364.29	793.0	-40.0	10.0	-193.0	-3.0	77.0
B396	108	GEO_Eqn_6.12b_nls10	6364.29	609.0	-5.0	0.4	-184.0	-7.0	90.0
B396	108	GEO_Eqn_6.12b_nls10	6480	609.0	-2.0	0.4	-184.0	-7.0	91.0
B396	108	GEO_Eqn_6.12b_nls10	6480	567.0	2.0	0.3	-180.0	-6.0	91.0
B396	108	GEO_Eqn_6.12b_nls10	6942.86	567.0	14.0	0.3	-180.0	-6.0	87.0
B396	108	GEO_Eqn_6.12b_nls10	6942.86	372.0	-3.0	0.4	-181.0	-7.0	97.0
B396	108	GEO_Eqn_6.12b_nls10	7232.14	372.0	4.0	0.4	-181.0	-7.0	96.0
B396	108	GEO_Eqn_6.12b_nls10	7521.43	372.0	12.0	0.4	-181.0	-7.0	94.0
B396	108	GEO_Eqn_6.12b_nls10	7521.43	179.0	-1.0	0.0	-168.0	-7.0	108.0
B396	108	GEO_Eqn_6.12b_nls10	7560	179.0	0.4	0.0	-168.0	-7.0	108.0
B396	108	GEO_Eqn_6.12b_nls10	7560	155.0	26.0	-1.0	-145.0	-2.0	104.0
B396	108	GEO_Eqn_6.12b_nls10	7830	155.0	33.0	-1.0	-145.0	-2.0	96.0
B396	108	GEO_Eqn_6.12b_nls10	8100	155.0	40.0	-1.0	-145.0	-2.0	86.0
B396	108	GEO_Eqn_6.12b_nls10	8100	-65.0	23.0	-2.0	-143.0	0.0	95.0
B396	108	GEO_Eqn_6.12b_nls10	8370	-65.0	30.0	-2.0	-143.0	0.4	87.0
B396	108	GEO_Eqn_6.12b_nls10	8640	-65.0	37.0	-2.0	-143.0	1.0	78.0
B396	108	GEO_Eqn_6.12b_nls10	8640	-95.0	0.4	0.0	-120.0	6.0	73.0
B396	108	GEO_Eqn_6.12b_nls10	8678.57	-95.0	1.0	0.0	-120.0	6.0	73.0
B396	108	GEO_Eqn_6.12b_nls10	8678.57	-312.0	81.0	-0.1	-107.0	6.0	84.0
B396	108	GEO_Eqn_6.12b_nls10	8967.86	-312.0	88.0	-0.1	-107.0	6.0	60.0
B396	108	GEO_Eqn_6.12b_nls10	9257.14	-312.0	96.0	-0.1	-107.0	6.0	33.0
B396	108	GEO_Eqn_6.12b_nls10	9257.14	-560.0	94.0	-0.2	-105.0	6.0	36.0
B396	108	GEO_Eqn_6.12b_nls10	9720	-560.0	106.0	-0.3	-105.0	6.0	-10.0
B396	108	GEO_Eqn_6.12b_nls10	9720	-610.0	16.0	0.4	-83.0	8.0	-37.0
B396	108	GEO_Eqn_6.12b_nls10	9835.71	-610.0	19.0	0.4	-83.0	8.0	-39.0
B396	108	GEO_Eqn_6.12b_nls10	9835.71	-860.0	246.0	11.0	-73.0	5.0	-35.0
B396	108	GEO_Eqn_6.12b_nls10	10125	-860.0	253.0	11.0	-73.0	2.0	-107.0
B396	108	GEO_Eqn_6.12b_nls10	10414.29	-860.0	260.0	11.0	-73.0	-2.0	-181.0
B396	108	GEO_Eqn_6.12b_nls10	10414.29	-1049.0	228.0	4.0	-69.0	-8.0	-210.0
B396	108	GEO_Eqn_6.12b_nls10	10800	-1049.0	238.0	4.0	-69.0	-10.0	-300.0
B396	108	GEO_Eqn_6.12b_nls10	10800	181.0	-161.0	-0.2	-42.0	-1.0	-277.0
B396	108	GEO_Eqn_6.12b_nls10	10992.86	181.0	-156.0	-0.2	-42.0	-1.0	-246.0
B396	108	GEO_Eqn_6.12b_nls10	10992.86	76.0	-459.0	-1.0	-31.0	0.4	-114.0
B396	108	GEO_Eqn_6.12b_nls10	11475	76.0	-446.0	-1.0	-31.0	1.0	104.0
B396	108	GEO_Eqn_6.12b_nls10	11475	31.0	-39.0	0.0	-15.0	0.4	205.0
B396	108	GEO_Eqn_6.12b_nls10	11571.43	31.0	-37.0	0.0	-15.0	0.4	208.0
B396	108	GEO_Eqn_6.12b_nls10	11571.43	-129.0	-135.0	1.0	-8.0	-0.1	215.0
B396	108	GEO_Eqn_6.12b_nls10	11860.71	-129.0	-128.0	1.0	-8.0	-0.3	253.0
B396	108	GEO_Eqn_6.12b_nls10	12150	-129.0	-120.0	1.0	-8.0	-0.5	289.0
B396	108	GEO_Eqn_6.12b_nls10	12150	0.0	295.0	0.0	17.0	0.0	300.0
B396	108	GEO_Eqn_6.12b_nls10	12600	0.0	307.0	0.0	17.0	0.0	165.0
B396	108	GEO_Eqn_6.12b_nls10	13050	0.0	318.0	0.0	17.0	0.0	24.0
B396	108	GEO_Eqn_6.12b_nls10	13050	534.0	28.0	4.0	42.0	4.0	22.0
B396	108	GEO_Eqn_6.12b_nls10	13312.5	534.0	35.0	4.0	42.0	3.0	14.0
B396	108	GEO_Eqn_6.12b_nls10	13575	534.0	42.0	4.0	42.0	2.0	4.0
B396	108	GEO_Eqn_6.12b_nls10	13575	387.0	-162.0	4.0	41.0	-2.0	18.0
B396	108	GEO_Eqn_6.12b_nls10	13837.5	387.0	-155.0	4.0	41.0	-3.0	59.0
B396	108	GEO_Eqn_6.12b_nls10	14100	387.0	-148.0	4.0	41.0	-4.0	99.0
B396	108	GEO_Eqn_6.12b_nls10	14100	161.0	-132.0	-1.0	62.0	-2.0	117.0
B396	108	GEO_Eqn_6.12b_nls10	14362.5	161.0	-125.0	-1.0	62.0	-2.0	151.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls10	14625	161.0	-118.0	-1.0	62.0	-2.0	182.0
B396	108	GEO_Eqn_6.12b_nls10	14625	-64.0	-45.0	-1.0	62.0	-1.0	201.0
B396	108	GEO_Eqn_6.12b_nls10	14887.5	-64.0	-39.0	-1.0	62.0	-0.3	213.0
B396	108	GEO_Eqn_6.12b_nls10	15150	-64.0	-32.0	-1.0	62.0	0.0	222.0
B396	108	GEO_Eqn_6.12b_nls10	15150	-376.0	160.0	1.0	71.0	3.0	236.0
B396	108	GEO_Eqn_6.12b_nls10	15412.5	-376.0	166.0	1.0	71.0	2.0	194.0
B396	108	GEO_Eqn_6.12b_nls10	15675	-376.0	173.0	1.0	71.0	2.0	149.0
B396	108	GEO_Eqn_6.12b_nls10	15675	-643.0	533.0	1.0	71.0	0.5	139.0
B396	108	GEO_Eqn_6.12b_nls10	15937.5	-643.0	540.0	1.0	71.0	0.2	-2.0
B396	108	GEO_Eqn_6.12b_nls10	16200	-643.0	546.0	1.0	71.0	-0.1	-145.0
B396	108	GEO_Eqn_6.12b_nls11	0	-966.0	-816.0	-4.0	37.0	-2.0	-16.0
B396	108	GEO_Eqn_6.12b_nls11	289.29	-966.0	-809.0	-4.0	37.0	-1.0	219.0
B396	108	GEO_Eqn_6.12b_nls11	578.57	-966.0	-801.0	-4.0	37.0	-0.1	452.0
B396	108	GEO_Eqn_6.12b_nls11	578.57	-639.0	-159.0	-5.0	36.0	2.0	463.0
B396	108	GEO_Eqn_6.12b_nls11	1050	-639.0	-146.0	-5.0	36.0	4.0	535.0
B396	108	GEO_Eqn_6.12b_nls11	1050	-613.0	-17.0	0.0	38.0	2.0	565.0
B396	108	GEO_Eqn_6.12b_nls11	1157.14	-613.0	-14.0	0.0	38.0	2.0	566.0
B396	108	GEO_Eqn_6.12b_nls11	1157.14	-340.0	38.0	-1.0	38.0	2.0	546.0
B396	108	GEO_Eqn_6.12b_nls11	1446.43	-340.0	45.0	-1.0	38.0	3.0	534.0
B396	108	GEO_Eqn_6.12b_nls11	1735.71	-340.0	53.0	-1.0	38.0	3.0	520.0
B396	108	GEO_Eqn_6.12b_nls11	1735.71	-111.0	50.0	-1.0	39.0	4.0	500.0
B396	108	GEO_Eqn_6.12b_nls11	2100	-111.0	59.0	-1.0	39.0	4.0	480.0
B396	108	GEO_Eqn_6.12b_nls11	2100	-97.0	32.0	0.3	47.0	0.0	455.0
B396	108	GEO_Eqn_6.12b_nls11	2314.29	-97.0	37.0	0.3	47.0	0.0	447.0
B396	108	GEO_Eqn_6.12b_nls11	2314.29	82.0	105.0	1.0	49.0	-1.0	427.0
B396	108	GEO_Eqn_6.12b_nls11	2603.57	82.0	113.0	1.0	49.0	-1.0	395.0
B396	108	GEO_Eqn_6.12b_nls11	2892.86	82.0	120.0	1.0	49.0	-1.0	362.0
B396	108	GEO_Eqn_6.12b_nls11	2892.86	228.0	34.0	0.1	52.0	-2.0	345.0
B396	108	GEO_Eqn_6.12b_nls11	3150	228.0	41.0	0.1	52.0	-2.0	336.0
B396	108	GEO_Eqn_6.12b_nls11	3150	243.0	65.0	0.1	65.0	-6.0	308.0
B396	108	GEO_Eqn_6.12b_nls11	3471.43	243.0	74.0	0.1	65.0	-6.0	286.0
B396	108	GEO_Eqn_6.12b_nls11	3471.43	367.0	177.0	-0.3	67.0	-6.0	264.0
B396	108	GEO_Eqn_6.12b_nls11	3760.71	367.0	184.0	-0.3	67.0	-6.0	212.0
B396	108	GEO_Eqn_6.12b_nls11	4050	367.0	191.0	-0.3	67.0	-5.0	157.0
B396	108	GEO_Eqn_6.12b_nls11	4050	477.0	95.0	-0.1	70.0	-5.0	131.0
B396	108	GEO_Eqn_6.12b_nls11	4275	477.0	101.0	-0.1	70.0	-5.0	109.0
B396	108	GEO_Eqn_6.12b_nls11	4275	514.0	201.0	-3.0	83.0	-4.0	33.0
B396	108	GEO_Eqn_6.12b_nls11	4628.57	514.0	210.0	-3.0	83.0	-3.0	-40.0
B396	108	GEO_Eqn_6.12b_nls11	4628.57	637.0	678.0	-9.0	87.0	2.0	-91.0
B396	108	GEO_Eqn_6.12b_nls11	4917.86	637.0	685.0	-9.0	87.0	4.0	-287.0
B396	108	GEO_Eqn_6.12b_nls11	5207.14	637.0	692.0	-9.0	87.0	7.0	-487.0
B396	108	GEO_Eqn_6.12b_nls11	5207.14	677.0	198.0	-1.0	78.0	11.0	-628.0
B396	108	GEO_Eqn_6.12b_nls11	5400	677.0	203.0	-1.0	78.0	11.0	-667.0
B396	108	GEO_Eqn_6.12b_nls11	5400	-1001.0	-518.0	-2.0	61.0	-7.0	-664.0
B396	108	GEO_Eqn_6.12b_nls11	5785.71	-1001.0	-508.0	-2.0	61.0	-6.0	-466.0
B396	108	GEO_Eqn_6.12b_nls11	5785.71	-839.0	-541.0	-9.0	55.0	-1.0	-386.0
B396	108	GEO_Eqn_6.12b_nls11	6075	-839.0	-533.0	-9.0	55.0	1.0	-231.0
B396	108	GEO_Eqn_6.12b_nls11	6364.29	-839.0	-526.0	-9.0	55.0	4.0	-78.0
B396	108	GEO_Eqn_6.12b_nls11	6364.29	-595.0	-33.0	-0.3	63.0	7.0	-75.0
B396	108	GEO_Eqn_6.12b_nls11	6480	-595.0	-30.0	-0.3	63.0	7.0	-71.0
B396	108	GEO_Eqn_6.12b_nls11	6480	-535.0	-210.0	0.4	76.0	6.0	-20.0
B396	108	GEO_Eqn_6.12b_nls11	6942.86	-535.0	-198.0	0.4	76.0	6.0	74.0
B396	108	GEO_Eqn_6.12b_nls11	6942.86	-292.0	-157.0	0.1	76.0	5.0	82.0
B396	108	GEO_Eqn_6.12b_nls11	7232.14	-292.0	-150.0	0.1	76.0	5.0	127.0
B396	108	GEO_Eqn_6.12b_nls11	7521.43	-292.0	-143.0	0.1	76.0	5.0	169.0
B396	108	GEO_Eqn_6.12b_nls11	7521.43	-80.0	-2.0	0.0	87.0	5.0	158.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls11	7560	-80.0	-1.0	0.0	87.0	5.0	158.0
B396	108	GEO_Eqn_6.12b_nls11	7560	-47.0	-54.0	2.0	106.0	0.4	166.0
B396	108	GEO_Eqn_6.12b_nls11	7830	-47.0	-47.0	2.0	106.0	0.0	179.0
B396	108	GEO_Eqn_6.12b_nls11	8100	-47.0	-40.0	2.0	106.0	-0.4	191.0
B396	108	GEO_Eqn_6.12b_nls11	8100	165.0	-27.0	1.0	107.0	-2.0	183.0
B396	108	GEO_Eqn_6.12b_nls11	8370	165.0	-20.0	1.0	107.0	-2.0	189.0
B396	108	GEO_Eqn_6.12b_nls11	8640	165.0	-13.0	1.0	107.0	-3.0	194.0
B396	108	GEO_Eqn_6.12b_nls11	8640	184.0	-0.2	0.0	127.0	-7.0	197.0
B396	108	GEO_Eqn_6.12b_nls11	8678.57	184.0	1.0	0.0	127.0	-7.0	197.0
B396	108	GEO_Eqn_6.12b_nls11	8678.57	364.0	52.0	-0.4	138.0	-7.0	182.0
B396	108	GEO_Eqn_6.12b_nls11	8967.86	364.0	59.0	-0.4	138.0	-7.0	167.0
B396	108	GEO_Eqn_6.12b_nls11	9257.14	364.0	66.0	-0.4	138.0	-7.0	148.0
B396	108	GEO_Eqn_6.12b_nls11	9257.14	542.0	100.0	-0.5	137.0	-6.0	128.0
B396	108	GEO_Eqn_6.12b_nls11	9720	542.0	112.0	-0.5	137.0	-6.0	79.0
B396	108	GEO_Eqn_6.12b_nls11	9720	573.0	17.0	-0.4	138.0	-8.0	52.0
B396	108	GEO_Eqn_6.12b_nls11	9835.71	573.0	20.0	-0.4	138.0	-8.0	50.0
B396	108	GEO_Eqn_6.12b_nls11	9835.71	739.0	355.0	-11.0	146.0	-4.0	30.0
B396	108	GEO_Eqn_6.12b_nls11	10125	739.0	362.0	-11.0	146.0	-0.4	-73.0
B396	108	GEO_Eqn_6.12b_nls11	10414.29	739.0	370.0	-11.0	146.0	3.0	-179.0
B396	108	GEO_Eqn_6.12b_nls11	10414.29	866.0	352.0	-6.0	121.0	10.0	-252.0
B396	108	GEO_Eqn_6.12b_nls11	10800	866.0	361.0	-6.0	121.0	13.0	-389.0
B396	108	GEO_Eqn_6.12b_nls11	10800	-179.0	-54.0	1.0	10.0	2.0	-441.0
B396	108	GEO_Eqn_6.12b_nls11	10992.86	-179.0	-49.0	1.0	10.0	2.0	-431.0
B396	108	GEO_Eqn_6.12b_nls11	10992.86	-79.0	-132.0	1.0	-32.0	-0.5	-382.0
B396	108	GEO_Eqn_6.12b_nls11	11475	-79.0	-120.0	1.0	-32.0	-1.0	-322.0
B396	108	GEO_Eqn_6.12b_nls11	11475	-36.0	-11.0	0.0	-42.0	-1.0	-296.0
B396	108	GEO_Eqn_6.12b_nls11	11571.43	-36.0	-8.0	0.0	-42.0	-1.0	-295.0
B396	108	GEO_Eqn_6.12b_nls11	11571.43	132.0	-223.0	-2.0	-48.0	-0.2	-302.0
B396	108	GEO_Eqn_6.12b_nls11	11860.71	132.0	-215.0	-2.0	-48.0	0.3	-238.0
B396	108	GEO_Eqn_6.12b_nls11	12150	132.0	-208.0	-2.0	-48.0	1.0	-177.0
B396	108	GEO_Eqn_6.12b_nls11	12150	0.0	-532.0	0.0	-26.0	0.0	-176.0
B396	108	GEO_Eqn_6.12b_nls11	12600	0.0	-520.0	0.0	-26.0	0.0	61.0
B396	108	GEO_Eqn_6.12b_nls11	13050	0.0	-509.0	0.0	-26.0	0.0	292.0
B396	108	GEO_Eqn_6.12b_nls11	13050	-404.0	-120.0	-0.4	1.0	0.5	288.0
B396	108	GEO_Eqn_6.12b_nls11	13312.5	-404.0	-113.0	-0.4	1.0	1.0	318.0
B396	108	GEO_Eqn_6.12b_nls11	13575	-404.0	-106.0	-0.4	1.0	1.0	347.0
B396	108	GEO_Eqn_6.12b_nls11	13575	-259.0	61.0	-1.0	0.1	1.0	338.0
B396	108	GEO_Eqn_6.12b_nls11	13837.5	-259.0	68.0	-1.0	0.1	2.0	321.0
B396	108	GEO_Eqn_6.12b_nls11	14100	-259.0	74.0	-1.0	0.1	2.0	303.0
B396	108	GEO_Eqn_6.12b_nls11	14100	-70.0	81.0	1.0	20.0	0.2	286.0
B396	108	GEO_Eqn_6.12b_nls11	14362.5	-70.0	88.0	1.0	20.0	-0.1	264.0
B396	108	GEO_Eqn_6.12b_nls11	14625	-70.0	95.0	1.0	20.0	-1.0	240.0
B396	108	GEO_Eqn_6.12b_nls11	14625	81.0	28.0	1.0	19.0	-2.0	227.0
B396	108	GEO_Eqn_6.12b_nls11	14887.5	81.0	35.0	1.0	19.0	-2.0	219.0
B396	108	GEO_Eqn_6.12b_nls11	15150	81.0	41.0	1.0	19.0	-2.0	209.0
B396	108	GEO_Eqn_6.12b_nls11	15150	258.0	3.0	-3.0	23.0	-4.0	200.0
B396	108	GEO_Eqn_6.12b_nls11	15412.5	258.0	10.0	-3.0	23.0	-3.0	199.0
B396	108	GEO_Eqn_6.12b_nls11	15675	258.0	16.0	-3.0	23.0	-2.0	195.0
B396	108	GEO_Eqn_6.12b_nls11	15675	394.0	21.0	-5.0	22.0	2.0	187.0
B396	108	GEO_Eqn_6.12b_nls11	15937.5	394.0	27.0	-5.0	22.0	3.0	181.0
B396	108	GEO_Eqn_6.12b_nls11	16200	394.0	34.0	-5.0	22.0	4.0	173.0
B396	108	GEO_Eqn_6.12b_nls12	0	-1007.0	-627.0	-8.0	-11.0	-6.0	-5.0
B396	108	GEO_Eqn_6.12b_nls12	289.29	-1007.0	-620.0	-8.0	-11.0	-4.0	175.0
B396	108	GEO_Eqn_6.12b_nls12	578.57	-1007.0	-612.0	-8.0	-11.0	-2.0	353.0
B396	108	GEO_Eqn_6.12b_nls12	578.57	-677.0	-133.0	-7.0	-11.0	2.0	359.0
B396	108	GEO_Eqn_6.12b_nls12	1050	-677.0	-121.0	-7.0	-11.0	5.0	419.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls12	1050	-654.0	-14.0	-0.1	-5.0	3.0	444.0
B396	108	GEO_Eqn_6.12b_nls12	1157.14	-654.0	-11.0	-0.1	-5.0	3.0	445.0
B396	108	GEO_Eqn_6.12b_nls12	1157.14	-379.0	16.0	-2.0	-2.0	3.0	426.0
B396	108	GEO_Eqn_6.12b_nls12	1446.43	-379.0	23.0	-2.0	-2.0	4.0	420.0
B396	108	GEO_Eqn_6.12b_nls12	1735.71	-379.0	31.0	-2.0	-2.0	4.0	412.0
B396	108	GEO_Eqn_6.12b_nls12	1735.71	-143.0	31.0	-1.0	0.0	5.0	395.0
B396	108	GEO_Eqn_6.12b_nls12	2100	-143.0	40.0	-1.0	0.0	5.0	382.0
B396	108	GEO_Eqn_6.12b_nls12	2100	-128.0	23.0	0.3	12.0	1.0	364.0
B396	108	GEO_Eqn_6.12b_nls12	2314.29	-128.0	28.0	0.3	12.0	1.0	359.0
B396	108	GEO_Eqn_6.12b_nls12	2314.29	63.0	74.0	2.0	15.0	0.5	340.0
B396	108	GEO_Eqn_6.12b_nls12	2603.57	63.0	81.0	2.0	15.0	0.0	317.0
B396	108	GEO_Eqn_6.12b_nls12	2892.86	63.0	89.0	2.0	15.0	-0.4	293.0
B396	108	GEO_Eqn_6.12b_nls12	2892.86	227.0	22.0	0.2	19.0	-1.0	278.0
B396	108	GEO_Eqn_6.12b_nls12	3150	227.0	29.0	0.2	19.0	-1.0	272.0
B396	108	GEO_Eqn_6.12b_nls12	3150	246.0	49.0	0.2	36.0	-5.0	252.0
B396	108	GEO_Eqn_6.12b_nls12	3471.43	246.0	58.0	0.2	36.0	-5.0	234.0
B396	108	GEO_Eqn_6.12b_nls12	3471.43	390.0	127.0	0.2	39.0	-5.0	214.0
B396	108	GEO_Eqn_6.12b_nls12	3760.71	390.0	135.0	0.2	39.0	-5.0	177.0
B396	108	GEO_Eqn_6.12b_nls12	4050	390.0	142.0	0.2	39.0	-5.0	137.0
B396	108	GEO_Eqn_6.12b_nls12	4050	522.0	68.0	0.0	44.0	-6.0	115.0
B396	108	GEO_Eqn_6.12b_nls12	4275	522.0	73.0	0.0	44.0	-6.0	100.0
B396	108	GEO_Eqn_6.12b_nls12	4275	565.0	149.0	-3.0	61.0	-5.0	44.0
B396	108	GEO_Eqn_6.12b_nls12	4628.57	565.0	158.0	-3.0	61.0	-4.0	-11.0
B396	108	GEO_Eqn_6.12b_nls12	4628.57	707.0	492.0	-8.0	65.0	1.0	-51.0
B396	108	GEO_Eqn_6.12b_nls12	4917.86	707.0	500.0	-8.0	65.0	3.0	-194.0
B396	108	GEO_Eqn_6.12b_nls12	5207.14	707.0	507.0	-8.0	65.0	6.0	-340.0
B396	108	GEO_Eqn_6.12b_nls12	5207.14	753.0	141.0	-1.0	61.0	9.0	-443.0
B396	108	GEO_Eqn_6.12b_nls12	5400	753.0	146.0	-1.0	61.0	9.0	-471.0
B396	108	GEO_Eqn_6.12b_nls12	5400	-959.0	-363.0	-3.0	54.0	-8.0	-477.0
B396	108	GEO_Eqn_6.12b_nls12	5785.71	-959.0	-353.0	-3.0	54.0	-7.0	-339.0
B396	108	GEO_Eqn_6.12b_nls12	5785.71	-801.0	-394.0	-9.0	51.0	-1.0	-287.0
B396	108	GEO_Eqn_6.12b_nls12	6075	-801.0	-387.0	-9.0	51.0	1.0	-174.0
B396	108	GEO_Eqn_6.12b_nls12	6364.29	-801.0	-379.0	-9.0	51.0	4.0	-63.0
B396	108	GEO_Eqn_6.12b_nls12	6364.29	-568.0	-26.0	-0.3	59.0	7.0	-63.0
B396	108	GEO_Eqn_6.12b_nls12	6480	-568.0	-23.0	-0.4	59.0	7.0	-60.0
B396	108	GEO_Eqn_6.12b_nls12	6480	-509.0	-158.0	0.3	76.0	6.0	-22.0
B396	108	GEO_Eqn_6.12b_nls12	6942.86	-509.0	-146.0	0.3	76.0	6.0	49.0
B396	108	GEO_Eqn_6.12b_nls12	6942.86	-279.0	-127.0	0.2	77.0	6.0	53.0
B396	108	GEO_Eqn_6.12b_nls12	7232.14	-279.0	-120.0	0.2	77.0	6.0	88.0
B396	108	GEO_Eqn_6.12b_nls12	7521.43	-279.0	-112.0	0.2	77.0	5.0	122.0
B396	108	GEO_Eqn_6.12b_nls12	7521.43	-79.0	-2.0	0.0	89.0	5.0	111.0
B396	108	GEO_Eqn_6.12b_nls12	7560	-79.0	-1.0	0.0	89.0	5.0	111.0
B396	108	GEO_Eqn_6.12b_nls12	7560	-47.0	-45.0	2.0	111.0	1.0	118.0
B396	108	GEO_Eqn_6.12b_nls12	7830	-47.0	-38.0	2.0	111.0	0.3	129.0
B396	108	GEO_Eqn_6.12b_nls12	8100	-47.0	-31.0	2.0	111.0	-0.1	138.0
B396	108	GEO_Eqn_6.12b_nls12	8100	154.0	-32.0	1.0	113.0	-2.0	131.0
B396	108	GEO_Eqn_6.12b_nls12	8370	154.0	-25.0	1.0	113.0	-2.0	138.0
B396	108	GEO_Eqn_6.12b_nls12	8640	154.0	-18.0	1.0	113.0	-2.0	144.0
B396	108	GEO_Eqn_6.12b_nls12	8640	173.0	-0.3	0.0	134.0	-7.0	147.0
B396	108	GEO_Eqn_6.12b_nls12	8678.57	173.0	1.0	0.0	134.0	-7.0	147.0
B396	108	GEO_Eqn_6.12b_nls12	8678.57	347.0	21.0	-0.3	147.0	-7.0	134.0
B396	108	GEO_Eqn_6.12b_nls12	8967.86	347.0	29.0	-0.3	147.0	-6.0	127.0
B396	108	GEO_Eqn_6.12b_nls12	9257.14	347.0	36.0	-0.3	147.0	-6.0	118.0
B396	108	GEO_Eqn_6.12b_nls12	9257.14	520.0	42.0	-0.3	146.0	-6.0	104.0
B396	108	GEO_Eqn_6.12b_nls12	9720	520.0	54.0	-0.4	146.0	-6.0	82.0
B396	108	GEO_Eqn_6.12b_nls12	9720	549.0	9.0	-0.4	147.0	-7.0	68.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls12	9835.71	549.0	12.0	-0.4	147.0	-7.0	67.0
B396	108	GEO_Eqn_6.12b_nls12	9835.71	710.0	185.0	-10.0	156.0	-4.0	52.0
B396	108	GEO_Eqn_6.12b_nls12	10125	710.0	192.0	-10.0	156.0	-1.0	-3.0
B396	108	GEO_Eqn_6.12b_nls12	10414.29	710.0	199.0	-10.0	156.0	2.0	-59.0
B396	108	GEO_Eqn_6.12b_nls12	10414.29	828.0	172.0	-5.0	128.0	9.0	-100.0
B396	108	GEO_Eqn_6.12b_nls12	10800	828.0	182.0	-5.0	128.0	11.0	-168.0
B396	108	GEO_Eqn_6.12b_nls12	10800	-149.0	-3.0	0.3	0.3	1.0	-192.0
B396	108	GEO_Eqn_6.12b_nls12	10992.86	-149.0	2.0	0.3	0.3	1.0	-192.0
B396	108	GEO_Eqn_6.12b_nls12	10992.86	-66.0	-4.0	1.0	-47.0	-0.4	-187.0
B396	108	GEO_Eqn_6.12b_nls12	11475	-66.0	8.0	1.0	-47.0	-1.0	-188.0
B396	108	GEO_Eqn_6.12b_nls12	11475	-29.0	1.0	0.0	-59.0	-1.0	-190.0
B396	108	GEO_Eqn_6.12b_nls12	11571.43	-29.0	3.0	0.0	-59.0	-1.0	-190.0
B396	108	GEO_Eqn_6.12b_nls12	11571.43	110.0	-115.0	-1.0	-65.0	0.0	-197.0
B396	108	GEO_Eqn_6.12b_nls12	11860.71	110.0	-107.0	-1.0	-65.0	0.3	-165.0
B396	108	GEO_Eqn_6.12b_nls12	12150	110.0	-100.0	-1.0	-65.0	1.0	-135.0
B396	108	GEO_Eqn_6.12b_nls12	12150	0.0	-372.0	0.0	-43.0	0.0	-134.0
B396	108	GEO_Eqn_6.12b_nls12	12600	0.0	-361.0	0.0	-43.0	0.0	31.0
B396	108	GEO_Eqn_6.12b_nls12	13050	0.0	-349.0	0.0	-43.0	0.0	191.0
B396	108	GEO_Eqn_6.12b_nls12	13050	-297.0	-64.0	-1.0	-14.0	-1.0	186.0
B396	108	GEO_Eqn_6.12b_nls12	13312.5	-297.0	-58.0	-1.0	-14.0	-1.0	202.0
B396	108	GEO_Eqn_6.12b_nls12	13575	-297.0	-51.0	-1.0	-14.0	-0.3	216.0
B396	108	GEO_Eqn_6.12b_nls12	13575	-195.0	65.0	-1.0	-14.0	1.0	209.0
B396	108	GEO_Eqn_6.12b_nls12	13837.5	-195.0	72.0	-1.0	-14.0	1.0	191.0
B396	108	GEO_Eqn_6.12b_nls12	14100	-195.0	79.0	-1.0	-14.0	2.0	171.0
B396	108	GEO_Eqn_6.12b_nls12	14100	-58.0	80.0	1.0	10.0	1.0	157.0
B396	108	GEO_Eqn_6.12b_nls12	14362.5	-58.0	87.0	1.0	10.0	1.0	135.0
B396	108	GEO_Eqn_6.12b_nls12	14625	-58.0	94.0	1.0	10.0	0.3	111.0
B396	108	GEO_Eqn_6.12b_nls12	14625	56.0	18.0	1.0	10.0	-0.3	101.0
B396	108	GEO_Eqn_6.12b_nls12	14887.5	56.0	25.0	1.0	10.0	-0.4	95.0
B396	108	GEO_Eqn_6.12b_nls12	15150	56.0	31.0	0.5	10.0	-1.0	88.0
B396	108	GEO_Eqn_6.12b_nls12	15150	194.0	-52.0	-1.0	22.0	-2.0	81.0
B396	108	GEO_Eqn_6.12b_nls12	15412.5	194.0	-46.0	-1.0	22.0	-1.0	94.0
B396	108	GEO_Eqn_6.12b_nls12	15675	194.0	-39.0	-1.0	22.0	-1.0	105.0
B396	108	GEO_Eqn_6.12b_nls12	15675	301.0	-157.0	-1.0	21.0	0.3	107.0
B396	108	GEO_Eqn_6.12b_nls12	15937.5	301.0	-150.0	-1.0	21.0	1.0	147.0
B396	108	GEO_Eqn_6.12b_nls12	16200	301.0	-144.0	-1.0	21.0	1.0	186.0
B396	108	GEO_Eqn_6.12b_nls13	0	604.0	-18.0	9.0	-70.0	7.0	2.0
B396	108	GEO_Eqn_6.12b_nls13	289.29	604.0	-10.0	9.0	-70.0	5.0	6.0
B396	108	GEO_Eqn_6.12b_nls13	578.57	604.0	-3.0	9.0	-70.0	2.0	8.0
B396	108	GEO_Eqn_6.12b_nls13	578.57	467.0	-25.0	6.0	-69.0	-1.0	17.0
B396	108	GEO_Eqn_6.12b_nls13	1050	467.0	-13.0	6.0	-69.0	-3.0	26.0
B396	108	GEO_Eqn_6.12b_nls13	1050	463.0	-2.0	0.1	-59.0	-3.0	28.0
B396	108	GEO_Eqn_6.12b_nls13	1157.14	463.0	1.0	0.1	-59.0	-3.0	28.0
B396	108	GEO_Eqn_6.12b_nls13	1157.14	337.0	-19.0	2.0	-54.0	-3.0	33.0
B396	108	GEO_Eqn_6.12b_nls13	1446.43	337.0	-11.0	2.0	-54.0	-4.0	38.0
B396	108	GEO_Eqn_6.12b_nls13	1735.71	337.0	-4.0	2.0	-54.0	-4.0	40.0
B396	108	GEO_Eqn_6.12b_nls13	1735.71	204.0	-18.0	1.0	-51.0	-5.0	49.0
B396	108	GEO_Eqn_6.12b_nls13	2100	204.0	-8.0	1.0	-51.0	-5.0	54.0
B396	108	GEO_Eqn_6.12b_nls13	2100	196.0	0.2	-0.1	-34.0	-2.0	54.0
B396	108	GEO_Eqn_6.12b_nls13	2314.29	196.0	6.0	-0.1	-34.0	-2.0	54.0
B396	108	GEO_Eqn_6.12b_nls13	2314.29	65.0	-5.0	-1.0	-29.0	-2.0	59.0
B396	108	GEO_Eqn_6.12b_nls13	2603.57	65.0	3.0	-1.0	-29.0	-2.0	59.0
B396	108	GEO_Eqn_6.12b_nls13	2892.86	65.0	10.0	-1.0	-29.0	-1.0	57.0
B396	108	GEO_Eqn_6.12b_nls13	2892.86	-78.0	-3.0	-0.3	-24.0	-0.4	66.0
B396	108	GEO_Eqn_6.12b_nls13	3150	-78.0	3.0	-0.3	-24.0	-0.4	66.0
B396	108	GEO_Eqn_6.12b_nls13	3150	-100.0	16.0	-0.1	-4.0	3.0	61.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls13	3471.43	-100.0	24.0	-0.1	-4.0	3.0	55.0
B396	108	GEO_Eqn_6.12b_nls13	3471.43	-252.0	43.0	-1.0	1.0	3.0	58.0
B396	108	GEO_Eqn_6.12b_nls13	3760.71	-252.0	50.0	-1.0	1.0	4.0	45.0
B396	108	GEO_Eqn_6.12b_nls13	4050	-252.0	57.0	-1.0	1.0	4.0	29.0
B396	108	GEO_Eqn_6.12b_nls13	4050	-417.0	21.0	-0.1	1.0	4.0	35.0
B396	108	GEO_Eqn_6.12b_nls13	4275	-417.0	26.0	-0.2	1.0	4.0	30.0
B396	108	GEO_Eqn_6.12b_nls13	4275	-467.0	63.0	2.0	6.0	4.0	7.0
B396	108	GEO_Eqn_6.12b_nls13	4628.57	-467.0	72.0	2.0	6.0	3.0	-17.0
B396	108	GEO_Eqn_6.12b_nls13	4628.57	-647.0	169.0	5.0	18.0	0.2	-21.0
B396	108	GEO_Eqn_6.12b_nls13	4917.86	-647.0	176.0	5.0	18.0	-1.0	-71.0
B396	108	GEO_Eqn_6.12b_nls13	5207.14	-647.0	184.0	5.0	18.0	-3.0	-123.0
B396	108	GEO_Eqn_6.12b_nls13	5207.14	-707.0	46.0	0.3	-36.0	-5.0	-150.0
B396	108	GEO_Eqn_6.12b_nls13	5400	-707.0	51.0	0.3	-36.0	-5.0	-159.0
B396	108	GEO_Eqn_6.12b_nls13	5400	816.0	-195.0	5.0	-159.0	12.0	-172.0
B396	108	GEO_Eqn_6.12b_nls13	5785.71	816.0	-185.0	5.0	-159.0	10.0	-99.0
B396	108	GEO_Eqn_6.12b_nls13	5785.71	707.0	-206.0	10.0	-185.0	3.0	-53.0
B396	108	GEO_Eqn_6.12b_nls13	6075	707.0	-199.0	10.0	-185.0	-0.2	5.0
B396	108	GEO_Eqn_6.12b_nls13	6364.29	707.0	-191.0	10.0	-185.0	-3.0	61.0
B396	108	GEO_Eqn_6.12b_nls13	6364.29	547.0	-12.0	0.4	-177.0	-7.0	77.0
B396	108	GEO_Eqn_6.12b_nls13	6480	547.0	-9.0	0.4	-177.0	-7.0	78.0
B396	108	GEO_Eqn_6.12b_nls13	6480	509.0	-54.0	0.4	-176.0	-6.0	91.0
B396	108	GEO_Eqn_6.12b_nls13	6942.86	509.0	-42.0	0.4	-176.0	-6.0	114.0
B396	108	GEO_Eqn_6.12b_nls13	6942.86	341.0	-39.0	0.3	-177.0	-7.0	127.0
B396	108	GEO_Eqn_6.12b_nls13	7232.14	341.0	-32.0	0.3	-177.0	-7.0	138.0
B396	108	GEO_Eqn_6.12b_nls13	7521.43	341.0	-24.0	0.3	-177.0	-7.0	146.0
B396	108	GEO_Eqn_6.12b_nls13	7521.43	171.0	-1.0	0.0	-165.0	-7.0	158.0
B396	108	GEO_Eqn_6.12b_nls13	7560	171.0	0.2	0.0	-165.0	-7.0	158.0
B396	108	GEO_Eqn_6.12b_nls13	7560	151.0	13.0	-1.0	-145.0	-3.0	156.0
B396	108	GEO_Eqn_6.12b_nls13	7830	151.0	20.0	-1.0	-145.0	-2.0	151.0
B396	108	GEO_Eqn_6.12b_nls13	8100	151.0	27.0	-1.0	-145.0	-2.0	145.0
B396	108	GEO_Eqn_6.12b_nls13	8100	-48.0	26.0	-2.0	-144.0	-1.0	153.0
B396	108	GEO_Eqn_6.12b_nls13	8370	-48.0	33.0	-2.0	-144.0	-0.1	145.0
B396	108	GEO_Eqn_6.12b_nls13	8640	-48.0	40.0	-2.0	-144.0	0.3	135.0
B396	108	GEO_Eqn_6.12b_nls13	8640	-76.0	0.5	0.0	-122.0	5.0	130.0
B396	108	GEO_Eqn_6.12b_nls13	8678.57	-76.0	1.0	0.0	-122.0	5.0	130.0
B396	108	GEO_Eqn_6.12b_nls13	8678.57	-276.0	114.0	-0.2	-111.0	5.0	140.0
B396	108	GEO_Eqn_6.12b_nls13	8967.86	-276.0	121.0	-0.2	-111.0	5.0	106.0
B396	108	GEO_Eqn_6.12b_nls13	9257.14	-276.0	129.0	-0.2	-111.0	5.0	69.0
B396	108	GEO_Eqn_6.12b_nls13	9257.14	-506.0	163.0	-0.4	-110.0	6.0	64.0
B396	108	GEO_Eqn_6.12b_nls13	9720	-506.0	175.0	-0.4	-110.0	6.0	-14.0
B396	108	GEO_Eqn_6.12b_nls13	9720	-553.0	25.0	0.4	-87.0	7.0	-56.0
B396	108	GEO_Eqn_6.12b_nls13	9835.71	-553.0	28.0	0.4	-87.0	7.0	-59.0
B396	108	GEO_Eqn_6.12b_nls13	9835.71	-785.0	450.0	9.0	-78.0	4.0	-61.0
B396	108	GEO_Eqn_6.12b_nls13	10125	-785.0	457.0	9.0	-78.0	2.0	-192.0
B396	108	GEO_Eqn_6.12b_nls13	10414.29	-785.0	464.0	9.0	-78.0	-1.0	-325.0
B396	108	GEO_Eqn_6.12b_nls13	10414.29	-955.0	444.0	3.0	-71.0	-6.0	-394.0
B396	108	GEO_Eqn_6.12b_nls13	10800	-955.0	454.0	3.0	-71.0	-7.0	-567.0
B396	108	GEO_Eqn_6.12b_nls13	10800	134.0	-222.0	0.0	-24.0	-0.2	-585.0
B396	108	GEO_Eqn_6.12b_nls13	10992.86	134.0	-218.0	0.0	-24.0	-0.2	-543.0
B396	108	GEO_Eqn_6.12b_nls13	10992.86	56.0	-614.0	-1.0	-7.0	0.3	-358.0
B396	108	GEO_Eqn_6.12b_nls13	11475	56.0	-602.0	-1.0	-7.0	1.0	-65.0
B396	108	GEO_Eqn_6.12b_nls13	11475	21.0	-54.0	0.0	12.0	-0.4	68.0
B396	108	GEO_Eqn_6.12b_nls13	11571.43	21.0	-51.0	0.0	12.0	-0.4	73.0
B396	108	GEO_Eqn_6.12b_nls13	11571.43	-95.0	-279.0	-0.3	20.0	-0.3	80.0
B396	108	GEO_Eqn_6.12b_nls13	11860.71	-95.0	-272.0	-0.3	20.0	-0.2	159.0
B396	108	GEO_Eqn_6.12b_nls13	12150	-95.0	-264.0	-0.3	20.0	-0.1	237.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls13	12150	0.0	70.0	0.0	43.0	0.0	249.0
B396	108	GEO_Eqn_6.12b_nls13	12600	0.0	81.0	0.0	43.0	0.0	215.0
B396	108	GEO_Eqn_6.12b_nls13	13050	0.0	93.0	0.0	43.0	0.0	176.0
B396	108	GEO_Eqn_6.12b_nls13	13050	393.0	-52.0	5.0	64.0	5.0	174.0
B396	108	GEO_Eqn_6.12b_nls13	13312.5	393.0	-45.0	5.0	64.0	4.0	187.0
B396	108	GEO_Eqn_6.12b_nls13	13575	393.0	-39.0	5.0	64.0	3.0	198.0
B396	108	GEO_Eqn_6.12b_nls13	13575	306.0	-170.0	4.0	63.0	-1.0	211.0
B396	108	GEO_Eqn_6.12b_nls13	13837.5	306.0	-163.0	4.0	63.0	-2.0	255.0
B396	108	GEO_Eqn_6.12b_nls13	14100	306.0	-157.0	4.0	63.0	-3.0	297.0
B396	108	GEO_Eqn_6.12b_nls13	14100	150.0	-127.0	0.0	77.0	-3.0	311.0
B396	108	GEO_Eqn_6.12b_nls13	14362.5	150.0	-120.0	0.0	77.0	-3.0	344.0
B396	108	GEO_Eqn_6.12b_nls13	14625	150.0	-114.0	0.0	77.0	-3.0	374.0
B396	108	GEO_Eqn_6.12b_nls13	14625	-27.0	-17.0	-0.3	76.0	-3.0	390.0
B396	108	GEO_Eqn_6.12b_nls13	14887.5	-27.0	-10.0	-0.3	76.0	-2.0	393.0
B396	108	GEO_Eqn_6.12b_nls13	15150	-27.0	-4.0	-0.3	76.0	-2.0	395.0
B396	108	GEO_Eqn_6.12b_nls13	15150	-294.0	271.0	-1.0	76.0	-0.2	407.0
B396	108	GEO_Eqn_6.12b_nls13	15412.5	-294.0	278.0	-1.0	76.0	0.1	335.0
B396	108	GEO_Eqn_6.12b_nls13	15675	-294.0	284.0	-1.0	76.0	0.3	261.0
B396	108	GEO_Eqn_6.12b_nls13	15675	-528.0	843.0	-3.0	74.0	2.0	234.0
B396	108	GEO_Eqn_6.12b_nls13	15937.5	-528.0	850.0	-3.0	74.0	3.0	12.0
B396	108	GEO_Eqn_6.12b_nls13	16200	-528.0	856.0	-3.0	74.0	4.0	-212.0
B396	108	GEO_Eqn_6.12b_nls14	0	464.0	84.0	3.0	-114.0	3.0	-17.0
B396	108	GEO_Eqn_6.12b_nls14	289.29	464.0	91.0	3.0	-114.0	2.0	-42.0
B396	108	GEO_Eqn_6.12b_nls14	578.57	464.0	99.0	3.0	-114.0	1.0	-70.0
B396	108	GEO_Eqn_6.12b_nls14	578.57	363.0	-23.0	4.0	-111.0	-0.4	-65.0
B396	108	GEO_Eqn_6.12b_nls14	1050	363.0	-11.0	4.0	-111.0	-2.0	-57.0
B396	108	GEO_Eqn_6.12b_nls14	1050	358.0	-2.0	0.0	-96.0	-1.0	-55.0
B396	108	GEO_Eqn_6.12b_nls14	1157.14	358.0	1.0	0.0	-96.0	-1.0	-55.0
B396	108	GEO_Eqn_6.12b_nls14	1157.14	262.0	-41.0	1.0	-89.0	-2.0	-50.0
B396	108	GEO_Eqn_6.12b_nls14	1446.43	262.0	-34.0	1.0	-89.0	-2.0	-39.0
B396	108	GEO_Eqn_6.12b_nls14	1735.71	262.0	-27.0	1.0	-89.0	-2.0	-30.0
B396	108	GEO_Eqn_6.12b_nls14	1735.71	159.0	-31.0	1.0	-84.0	-3.0	-20.0
B396	108	GEO_Eqn_6.12b_nls14	2100	159.0	-22.0	1.0	-84.0	-3.0	-11.0
B396	108	GEO_Eqn_6.12b_nls14	2100	153.0	-6.0	-0.1	-64.0	-1.0	-5.0
B396	108	GEO_Eqn_6.12b_nls14	2314.29	153.0	-1.0	-0.1	-64.0	-1.0	-5.0
B396	108	GEO_Eqn_6.12b_nls14	2314.29	53.0	-24.0	-1.0	-58.0	-1.0	1.0
B396	108	GEO_Eqn_6.12b_nls14	2603.57	53.0	-17.0	-1.0	-58.0	-0.4	6.0
B396	108	GEO_Eqn_6.12b_nls14	2892.86	53.0	-9.0	-1.0	-58.0	-0.2	10.0
B396	108	GEO_Eqn_6.12b_nls14	2892.86	-57.0	-12.0	-0.2	-51.0	0.3	20.0
B396	108	GEO_Eqn_6.12b_nls14	3150	-57.0	-5.0	-0.2	-51.0	0.4	22.0
B396	108	GEO_Eqn_6.12b_nls14	3150	-74.0	4.0	-0.1	-28.0	3.0	22.0
B396	108	GEO_Eqn_6.12b_nls14	3471.43	-74.0	12.0	-0.1	-28.0	3.0	19.0
B396	108	GEO_Eqn_6.12b_nls14	3471.43	-190.0	-7.0	-0.4	-22.0	3.0	24.0
B396	108	GEO_Eqn_6.12b_nls14	3760.71	-190.0	1.0	-0.4	-22.0	3.0	25.0
B396	108	GEO_Eqn_6.12b_nls14	4050	-190.0	8.0	-0.4	-22.0	3.0	23.0
B396	108	GEO_Eqn_6.12b_nls14	4050	-319.0	-11.0	0.0	-20.0	4.0	34.0
B396	108	GEO_Eqn_6.12b_nls14	4275	-319.0	-5.0	-0.1	-20.0	4.0	35.0
B396	108	GEO_Eqn_6.12b_nls14	4275	-361.0	4.0	2.0	-12.0	3.0	36.0
B396	108	GEO_Eqn_6.12b_nls14	4628.57	-361.0	13.0	2.0	-12.0	2.0	33.0
B396	108	GEO_Eqn_6.12b_nls14	4628.57	-509.0	-48.0	5.0	1.0	-1.0	39.0
B396	108	GEO_Eqn_6.12b_nls14	4917.86	-509.0	-40.0	5.0	1.0	-2.0	52.0
B396	108	GEO_Eqn_6.12b_nls14	5207.14	-509.0	-33.0	5.0	1.0	-4.0	63.0
B396	108	GEO_Eqn_6.12b_nls14	5207.14	-560.0	-21.0	1.0	-52.0	-6.0	80.0
B396	108	GEO_Eqn_6.12b_nls14	5400	-560.0	-16.0	1.0	-52.0	-6.0	84.0
B396	108	GEO_Eqn_6.12b_nls14	5400	834.0	-9.0	4.0	-172.0	10.0	55.0
B396	108	GEO_Eqn_6.12b_nls14	5785.71	834.0	1.0	4.0	-172.0	9.0	56.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls14	5785.71	724.0	-31.0	9.0	-197.0	2.0	68.0
B396	108	GEO_Eqn_6.12b_nls14	6075	724.0	-24.0	9.0	-197.0	-0.4	76.0
B396	108	GEO_Eqn_6.12b_nls14	6364.29	724.0	-17.0	9.0	-197.0	-3.0	81.0
B396	108	GEO_Eqn_6.12b_nls14	6364.29	558.0	-4.0	0.4	-187.0	-7.0	93.0
B396	108	GEO_Eqn_6.12b_nls14	6480	558.0	-1.0	0.4	-187.0	-7.0	93.0
B396	108	GEO_Eqn_6.12b_nls14	6480	521.0	6.0	0.3	-184.0	-6.0	92.0
B396	108	GEO_Eqn_6.12b_nls14	6942.86	521.0	18.0	0.3	-184.0	-6.0	86.0
B396	108	GEO_Eqn_6.12b_nls14	6942.86	344.0	-5.0	0.4	-184.0	-6.0	95.0
B396	108	GEO_Eqn_6.12b_nls14	7232.14	344.0	2.0	0.4	-184.0	-6.0	95.0
B396	108	GEO_Eqn_6.12b_nls14	7521.43	344.0	10.0	0.4	-184.0	-7.0	93.0
B396	108	GEO_Eqn_6.12b_nls14	7521.43	168.0	-1.0	0.0	-171.0	-7.0	106.0
B396	108	GEO_Eqn_6.12b_nls14	7560	168.0	0.3	0.0	-171.0	-7.0	106.0
B396	108	GEO_Eqn_6.12b_nls14	7560	147.0	21.0	-1.0	-148.0	-2.0	102.0
B396	108	GEO_Eqn_6.12b_nls14	7830	147.0	28.0	-1.0	-148.0	-2.0	96.0
B396	108	GEO_Eqn_6.12b_nls14	8100	147.0	35.0	-1.0	-148.0	-1.0	87.0
B396	108	GEO_Eqn_6.12b_nls14	8100	-56.0	19.0	-1.0	-146.0	0.0	95.0
B396	108	GEO_Eqn_6.12b_nls14	8370	-56.0	26.0	-1.0	-146.0	0.4	89.0
B396	108	GEO_Eqn_6.12b_nls14	8640	-56.0	33.0	-1.0	-146.0	1.0	81.0
B396	108	GEO_Eqn_6.12b_nls14	8640	-83.0	0.4	0.0	-123.0	6.0	77.0
B396	108	GEO_Eqn_6.12b_nls14	8678.57	-83.0	1.0	0.0	-123.0	6.0	77.0
B396	108	GEO_Eqn_6.12b_nls14	8678.57	-284.0	81.0	-0.1	-110.0	6.0	87.0
B396	108	GEO_Eqn_6.12b_nls14	8967.86	-284.0	88.0	-0.1	-110.0	6.0	63.0
B396	108	GEO_Eqn_6.12b_nls14	9257.14	-284.0	95.0	-0.1	-110.0	6.0	36.0
B396	108	GEO_Eqn_6.12b_nls14	9257.14	-513.0	101.0	-0.3	-108.0	6.0	37.0
B396	108	GEO_Eqn_6.12b_nls14	9720	-513.0	112.0	-0.3	-108.0	6.0	-12.0
B396	108	GEO_Eqn_6.12b_nls14	9720	-561.0	17.0	0.4	-85.0	8.0	-40.0
B396	108	GEO_Eqn_6.12b_nls14	9835.71	-561.0	20.0	0.4	-85.0	8.0	-42.0
B396	108	GEO_Eqn_6.12b_nls14	9835.71	-792.0	272.0	10.0	-75.0	4.0	-39.0
B396	108	GEO_Eqn_6.12b_nls14	10125	-792.0	279.0	10.0	-75.0	1.0	-119.0
B396	108	GEO_Eqn_6.12b_nls14	10414.29	-793.0	287.0	10.0	-75.0	-1.0	-201.0
B396	108	GEO_Eqn_6.12b_nls14	10414.29	-967.0	258.0	4.0	-70.0	-7.0	-236.0
B396	108	GEO_Eqn_6.12b_nls14	10800	-967.0	268.0	4.0	-70.0	-9.0	-337.0
B396	108	GEO_Eqn_6.12b_nls14	10800	159.0	-167.0	-0.2	-35.0	-1.0	-333.0
B396	108	GEO_Eqn_6.12b_nls14	10992.86	159.0	-162.0	-0.2	-35.0	-1.0	-301.0
B396	108	GEO_Eqn_6.12b_nls14	10992.86	67.0	-476.0	-1.0	-21.0	0.4	-164.0
B396	108	GEO_Eqn_6.12b_nls14	11475	67.0	-464.0	-1.0	-21.0	1.0	63.0
B396	108	GEO_Eqn_6.12b_nls14	11475	27.0	-41.0	0.0	-4.0	0.3	167.0
B396	108	GEO_Eqn_6.12b_nls14	11571.43	27.0	-39.0	0.0	-4.0	0.3	170.0
B396	108	GEO_Eqn_6.12b_nls14	11571.43	-114.0	-169.0	0.5	4.0	-0.1	177.0
B396	108	GEO_Eqn_6.12b_nls14	11860.71	-114.0	-162.0	0.5	4.0	-0.3	225.0
B396	108	GEO_Eqn_6.12b_nls14	12150	-114.0	-155.0	0.5	4.0	-0.4	271.0
B396	108	GEO_Eqn_6.12b_nls14	12150	0.0	220.0	0.0	28.0	0.0	282.0
B396	108	GEO_Eqn_6.12b_nls14	12600	0.0	232.0	0.0	28.0	0.0	180.0
B396	108	GEO_Eqn_6.12b_nls14	13050	0.0	243.0	0.0	28.0	0.0	73.0
B396	108	GEO_Eqn_6.12b_nls14	13050	486.0	2.0	4.0	52.0	4.0	71.0
B396	108	GEO_Eqn_6.12b_nls14	13312.5	486.0	9.0	4.0	52.0	3.0	70.0
B396	108	GEO_Eqn_6.12b_nls14	13575	486.0	16.0	4.0	52.0	2.0	66.0
B396	108	GEO_Eqn_6.12b_nls14	13575	360.0	-163.0	4.0	51.0	-2.0	80.0
B396	108	GEO_Eqn_6.12b_nls14	13837.5	360.0	-156.0	4.0	51.0	-3.0	122.0
B396	108	GEO_Eqn_6.12b_nls14	14100	360.0	-149.0	4.0	51.0	-4.0	162.0
B396	108	GEO_Eqn_6.12b_nls14	14100	158.0	-127.0	-1.0	70.0	-2.0	179.0
B396	108	GEO_Eqn_6.12b_nls14	14362.5	158.0	-120.0	-1.0	70.0	-2.0	211.0
B396	108	GEO_Eqn_6.12b_nls14	14625	158.0	-114.0	-1.0	70.0	-2.0	242.0
B396	108	GEO_Eqn_6.12b_nls14	14625	-51.0	-31.0	-1.0	70.0	-1.0	259.0
B396	108	GEO_Eqn_6.12b_nls14	14887.5	-51.0	-24.0	-1.0	70.0	-1.0	267.0
B396	108	GEO_Eqn_6.12b_nls14	15150	-51.0	-18.0	-1.0	70.0	-1.0	272.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls14	15150	-348.0	202.0	1.0	77.0	2.0	285.0
B396	108	GEO_Eqn_6.12b_nls14	15412.5	-348.0	208.0	1.0	77.0	2.0	232.0
B396	108	GEO_Eqn_6.12b_nls14	15675	-348.0	215.0	1.0	77.0	2.0	176.0
B396	108	GEO_Eqn_6.12b_nls14	15675	-605.0	635.0	0.2	76.0	1.0	160.0
B396	108	GEO_Eqn_6.12b_nls14	15937.5	-605.0	642.0	0.2	76.0	1.0	-8.0
B396	108	GEO_Eqn_6.12b_nls14	16200	-605.0	648.0	0.2	76.0	1.0	-177.0
B396	108	GEO_Eqn_6.12b_nls15	0	-961.0	-883.0	-3.0	49.0	-2.0	-14.0
B396	108	GEO_Eqn_6.12b_nls15	289.29	-961.0	-875.0	-3.0	49.0	-1.0	240.0
B396	108	GEO_Eqn_6.12b_nls15	578.57	-961.0	-868.0	-3.0	49.0	0.0	493.0
B396	108	GEO_Eqn_6.12b_nls15	578.57	-628.0	-167.0	-5.0	47.0	2.0	505.0
B396	108	GEO_Eqn_6.12b_nls15	1050	-628.0	-155.0	-5.0	47.0	4.0	581.0
B396	108	GEO_Eqn_6.12b_nls15	1050	-601.0	-18.0	0.0	48.0	2.0	613.0
B396	108	GEO_Eqn_6.12b_nls15	1157.14	-601.0	-15.0	0.0	48.0	2.0	615.0
B396	108	GEO_Eqn_6.12b_nls15	1157.14	-325.0	47.0	-1.0	47.0	2.0	594.0
B396	108	GEO_Eqn_6.12b_nls15	1446.43	-325.0	55.0	-1.0	47.0	2.0	579.0
B396	108	GEO_Eqn_6.12b_nls15	1735.71	-325.0	62.0	-1.0	47.0	3.0	562.0
B396	108	GEO_Eqn_6.12b_nls15	1735.71	-97.0	59.0	-1.0	47.0	3.0	540.0
B396	108	GEO_Eqn_6.12b_nls15	2100	-97.0	68.0	-1.0	47.0	4.0	517.0
B396	108	GEO_Eqn_6.12b_nls15	2100	-83.0	36.0	0.3	54.0	-0.1	489.0
B396	108	GEO_Eqn_6.12b_nls15	2314.29	-83.0	42.0	0.3	54.0	-0.2	481.0
B396	108	GEO_Eqn_6.12b_nls15	2314.29	92.0	120.0	1.0	55.0	-1.0	459.0
B396	108	GEO_Eqn_6.12b_nls15	2603.57	92.0	128.0	1.0	55.0	-1.0	423.0
B396	108	GEO_Eqn_6.12b_nls15	2892.86	92.0	135.0	1.0	55.0	-2.0	385.0
B396	108	GEO_Eqn_6.12b_nls15	2892.86	231.0	40.0	0.1	58.0	-2.0	368.0
B396	108	GEO_Eqn_6.12b_nls15	3150	231.0	46.0	0.1	58.0	-2.0	357.0
B396	108	GEO_Eqn_6.12b_nls15	3150	245.0	72.0	0.1	71.0	-6.0	327.0
B396	108	GEO_Eqn_6.12b_nls15	3471.43	245.0	80.0	0.1	71.0	-6.0	302.0
B396	108	GEO_Eqn_6.12b_nls15	3471.43	361.0	191.0	-0.3	72.0	-6.0	279.0
B396	108	GEO_Eqn_6.12b_nls15	3760.71	361.0	199.0	-0.3	72.0	-5.0	223.0
B396	108	GEO_Eqn_6.12b_nls15	4050	361.0	206.0	-0.3	72.0	-5.0	164.0
B396	108	GEO_Eqn_6.12b_nls15	4050	462.0	101.0	-0.1	75.0	-5.0	137.0
B396	108	GEO_Eqn_6.12b_nls15	4275	462.0	107.0	-0.1	75.0	-5.0	114.0
B396	108	GEO_Eqn_6.12b_nls15	4275	497.0	212.0	-3.0	87.0	-4.0	33.0
B396	108	GEO_Eqn_6.12b_nls15	4628.57	497.0	221.0	-3.0	87.0	-3.0	-43.0
B396	108	GEO_Eqn_6.12b_nls15	4628.57	610.0	705.0	-9.0	91.0	2.0	-95.0
B396	108	GEO_Eqn_6.12b_nls15	4917.86	610.0	713.0	-9.0	91.0	4.0	-300.0
B396	108	GEO_Eqn_6.12b_nls15	5207.14	610.0	720.0	-9.0	91.0	7.0	-507.0
B396	108	GEO_Eqn_6.12b_nls15	5207.14	646.0	205.0	-1.0	81.0	11.0	-653.0
B396	108	GEO_Eqn_6.12b_nls15	5400	646.0	210.0	-1.0	81.0	11.0	-693.0
B396	108	GEO_Eqn_6.12b_nls15	5400	-978.0	-532.0	-2.0	64.0	-7.0	-681.0
B396	108	GEO_Eqn_6.12b_nls15	5785.71	-978.0	-522.0	-2.0	64.0	-6.0	-478.0
B396	108	GEO_Eqn_6.12b_nls15	5785.71	-820.0	-552.0	-8.0	58.0	-1.0	-395.0
B396	108	GEO_Eqn_6.12b_nls15	6075	-820.0	-544.0	-8.0	58.0	1.0	-237.0
B396	108	GEO_Eqn_6.12b_nls15	6364.29	-820.0	-537.0	-8.0	58.0	4.0	-80.0
B396	108	GEO_Eqn_6.12b_nls15	6364.29	-581.0	-33.0	-0.3	65.0	7.0	-77.0
B396	108	GEO_Eqn_6.12b_nls15	6480	-581.0	-30.0	-0.3	65.0	7.0	-73.0
B396	108	GEO_Eqn_6.12b_nls15	6480	-523.0	-212.0	0.4	78.0	6.0	-22.0
B396	108	GEO_Eqn_6.12b_nls15	6942.86	-523.0	-200.0	0.4	78.0	6.0	73.0
B396	108	GEO_Eqn_6.12b_nls15	6942.86	-285.0	-156.0	0.1	79.0	5.0	82.0
B396	108	GEO_Eqn_6.12b_nls15	7232.14	-285.0	-149.0	0.1	79.0	5.0	126.0
B396	108	GEO_Eqn_6.12b_nls15	7521.43	-285.0	-141.0	0.1	79.0	5.0	168.0
B396	108	GEO_Eqn_6.12b_nls15	7521.43	-77.0	-2.0	0.0	89.0	5.0	158.0
B396	108	GEO_Eqn_6.12b_nls15	7560	-77.0	-1.0	0.0	89.0	5.0	158.0
B396	108	GEO_Eqn_6.12b_nls15	7560	-45.0	-51.0	2.0	109.0	0.4	165.0
B396	108	GEO_Eqn_6.12b_nls15	7830	-45.0	-44.0	2.0	109.0	0.0	178.0
B396	108	GEO_Eqn_6.12b_nls15	8100	-45.0	-37.0	2.0	109.0	-0.4	189.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls15	8100	162.0	-25.0	1.0	109.0	-2.0	181.0
B396	108	GEO_Eqn_6.12b_nls15	8370	162.0	-18.0	1.0	109.0	-2.0	187.0
B396	108	GEO_Eqn_6.12b_nls15	8640	162.0	-11.0	1.0	109.0	-3.0	191.0
B396	108	GEO_Eqn_6.12b_nls15	8640	180.0	-0.2	0.0	129.0	-7.0	193.0
B396	108	GEO_Eqn_6.12b_nls15	8678.57	180.0	1.0	0.0	129.0	-7.0	193.0
B396	108	GEO_Eqn_6.12b_nls15	8678.57	356.0	49.0	-0.4	140.0	-7.0	180.0
B396	108	GEO_Eqn_6.12b_nls15	8967.86	356.0	57.0	-0.4	140.0	-7.0	164.0
B396	108	GEO_Eqn_6.12b_nls15	9257.14	356.0	64.0	-0.4	140.0	-7.0	147.0
B396	108	GEO_Eqn_6.12b_nls15	9257.14	530.0	92.0	-0.5	139.0	-6.0	128.0
B396	108	GEO_Eqn_6.12b_nls15	9720	530.0	104.0	-0.5	139.0	-6.0	83.0
B396	108	GEO_Eqn_6.12b_nls15	9720	560.0	16.0	-0.4	140.0	-8.0	57.0
B396	108	GEO_Eqn_6.12b_nls15	9835.71	560.0	19.0	-0.4	140.0	-7.0	55.0
B396	108	GEO_Eqn_6.12b_nls15	9835.71	721.0	329.0	-11.0	147.0	-4.0	37.0
B396	108	GEO_Eqn_6.12b_nls15	10125	721.0	337.0	-11.0	147.0	-0.5	-60.0
B396	108	GEO_Eqn_6.12b_nls15	10414.29	721.0	344.0	-11.0	147.0	3.0	-158.0
B396	108	GEO_Eqn_6.12b_nls15	10414.29	844.0	324.0	-5.0	121.0	10.0	-226.0
B396	108	GEO_Eqn_6.12b_nls15	10800	844.0	334.0	-6.0	121.0	12.0	-353.0
B396	108	GEO_Eqn_6.12b_nls15	10800	-169.0	-45.0	1.0	3.0	2.0	-392.0
B396	108	GEO_Eqn_6.12b_nls15	10992.86	-169.0	-40.0	0.5	3.0	2.0	-384.0
B396	108	GEO_Eqn_6.12b_nls15	10992.86	-75.0	-108.0	1.0	-41.0	-0.5	-342.0
B396	108	GEO_Eqn_6.12b_nls15	11475	-75.0	-96.0	1.0	-41.0	-1.0	-293.0
B396	108	GEO_Eqn_6.12b_nls15	11475	-34.0	-9.0	0.0	-52.0	-1.0	-272.0
B396	108	GEO_Eqn_6.12b_nls15	11571.43	-34.0	-6.0	0.0	-52.0	-1.0	-272.0
B396	108	GEO_Eqn_6.12b_nls15	11571.43	124.0	-195.0	-1.0	-58.0	-0.1	-278.0
B396	108	GEO_Eqn_6.12b_nls15	11860.71	124.0	-187.0	-1.0	-58.0	0.3	-223.0
B396	108	GEO_Eqn_6.12b_nls15	12150	124.0	-180.0	-1.0	-58.0	1.0	-170.0
B396	108	GEO_Eqn_6.12b_nls15	12150	0.0	-486.0	0.0	-36.0	0.0	-169.0
B396	108	GEO_Eqn_6.12b_nls15	12600	0.0	-474.0	0.0	-36.0	0.0	47.0
B396	108	GEO_Eqn_6.12b_nls15	13050	0.0	-463.0	0.0	-36.0	0.0	258.0
B396	108	GEO_Eqn_6.12b_nls15	13050	-381.0	-102.0	-1.0	-8.0	0.3	253.0
B396	108	GEO_Eqn_6.12b_nls15	13312.5	-381.0	-95.0	-1.0	-8.0	0.4	279.0
B396	108	GEO_Eqn_6.12b_nls15	13575	-381.0	-88.0	-1.0	-8.0	1.0	303.0
B396	108	GEO_Eqn_6.12b_nls15	13575	-247.0	64.0	-1.0	-9.0	1.0	294.0
B396	108	GEO_Eqn_6.12b_nls15	13837.5	-247.0	71.0	-1.0	-9.0	2.0	277.0
B396	108	GEO_Eqn_6.12b_nls15	14100	-247.0	78.0	-1.0	-9.0	2.0	257.0
B396	108	GEO_Eqn_6.12b_nls15	14100	-71.0	79.0	1.0	12.0	0.3	241.0
B396	108	GEO_Eqn_6.12b_nls15	14362.5	-71.0	86.0	1.0	12.0	0.0	220.0
B396	108	GEO_Eqn_6.12b_nls15	14625	-71.0	93.0	1.0	12.0	-0.4	196.0
B396	108	GEO_Eqn_6.12b_nls15	14625	73.0	15.0	1.0	12.0	-2.0	184.0
B396	108	GEO_Eqn_6.12b_nls15	14887.5	73.0	22.0	1.0	12.0	-2.0	179.0
B396	108	GEO_Eqn_6.12b_nls15	15150	73.0	28.0	1.0	12.0	-2.0	173.0
B396	108	GEO_Eqn_6.12b_nls15	15150	245.0	-37.0	-3.0	18.0	-3.0	165.0
B396	108	GEO_Eqn_6.12b_nls15	15412.5	245.0	-30.0	-3.0	18.0	-3.0	174.0
B396	108	GEO_Eqn_6.12b_nls15	15675	245.0	-23.0	-3.0	18.0	-2.0	181.0
B396	108	GEO_Eqn_6.12b_nls15	15675	380.0	-73.0	-4.0	17.0	2.0	177.0
B396	108	GEO_Eqn_6.12b_nls15	15937.5	380.0	-66.0	-4.0	17.0	3.0	196.0
B396	108	GEO_Eqn_6.12b_nls15	16200	380.0	-59.0	-4.0	17.0	4.0	212.0
B396	108	GEO_Eqn_6.12b_nls16	0	-981.0	-698.0	-7.0	3.0	-6.0	-0.3
B396	108	GEO_Eqn_6.12b_nls16	289.29	-981.0	-691.0	-7.0	3.0	-3.0	201.0
B396	108	GEO_Eqn_6.12b_nls16	578.57	-981.0	-684.0	-7.0	3.0	-1.0	399.0
B396	108	GEO_Eqn_6.12b_nls16	578.57	-651.0	-141.0	-7.0	3.0	2.0	406.0
B396	108	GEO_Eqn_6.12b_nls16	1050	-651.0	-129.0	-7.0	3.0	5.0	470.0
B396	108	GEO_Eqn_6.12b_nls16	1050	-627.0	-15.0	0.0	8.0	3.0	496.0
B396	108	GEO_Eqn_6.12b_nls16	1157.14	-627.0	-12.0	0.0	8.0	3.0	498.0
B396	108	GEO_Eqn_6.12b_nls16	1157.14	-354.0	29.0	-1.0	10.0	3.0	478.0
B396	108	GEO_Eqn_6.12b_nls16	1446.43	-354.0	37.0	-1.0	10.0	4.0	469.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls16	1735.71	-355.0	44.0	-1.0	10.0	4.0	457.0
B396	108	GEO_Eqn_6.12b_nls16	1735.71	-124.0	41.0	-1.0	12.0	5.0	438.0
B396	108	GEO_Eqn_6.12b_nls16	2100	-124.0	51.0	-1.0	12.0	5.0	421.0
B396	108	GEO_Eqn_6.12b_nls16	2100	-110.0	28.0	0.3	22.0	1.0	399.0
B396	108	GEO_Eqn_6.12b_nls16	2314.29	-110.0	33.0	0.3	22.0	1.0	393.0
B396	108	GEO_Eqn_6.12b_nls16	2314.29	74.0	92.0	1.0	25.0	0.2	373.0
B396	108	GEO_Eqn_6.12b_nls16	2603.57	74.0	99.0	1.0	25.0	-0.2	345.0
B396	108	GEO_Eqn_6.12b_nls16	2892.86	74.0	106.0	1.0	25.0	-1.0	316.0
B396	108	GEO_Eqn_6.12b_nls16	2892.86	227.0	28.0	0.2	29.0	-1.0	300.0
B396	108	GEO_Eqn_6.12b_nls16	3150	227.0	35.0	0.2	29.0	-1.0	292.0
B396	108	GEO_Eqn_6.12b_nls16	3150	243.0	57.0	0.2	45.0	-5.0	269.0
B396	108	GEO_Eqn_6.12b_nls16	3471.43	243.0	65.0	0.1	45.0	-5.0	249.0
B396	108	GEO_Eqn_6.12b_nls16	3471.43	376.0	142.0	0.1	48.0	-5.0	229.0
B396	108	GEO_Eqn_6.12b_nls16	3760.71	376.0	149.0	0.1	48.0	-5.0	187.0
B396	108	GEO_Eqn_6.12b_nls16	4050	376.0	157.0	0.1	48.0	-5.0	142.0
B396	108	GEO_Eqn_6.12b_nls16	4050	495.0	73.0	0.0	52.0	-5.0	120.0
B396	108	GEO_Eqn_6.12b_nls16	4275	495.0	78.0	0.0	52.0	-5.0	104.0
B396	108	GEO_Eqn_6.12b_nls16	4275	534.0	159.0	-3.0	68.0	-4.0	44.0
B396	108	GEO_Eqn_6.12b_nls16	4628.57	534.0	168.0	-3.0	68.0	-3.0	-14.0
B396	108	GEO_Eqn_6.12b_nls16	4628.57	662.0	515.0	-8.0	73.0	1.0	-55.0
B396	108	GEO_Eqn_6.12b_nls16	4917.86	662.0	522.0	-8.0	73.0	3.0	-205.0
B396	108	GEO_Eqn_6.12b_nls16	5207.14	662.0	530.0	-8.0	73.0	6.0	-357.0
B396	108	GEO_Eqn_6.12b_nls16	5207.14	702.0	147.0	-1.0	67.0	9.0	-464.0
B396	108	GEO_Eqn_6.12b_nls16	5400	702.0	152.0	-1.0	67.0	9.0	-492.0
B396	108	GEO_Eqn_6.12b_nls16	5400	-912.0	-372.0	-3.0	59.0	-8.0	-487.0
B396	108	GEO_Eqn_6.12b_nls16	5785.71	-912.0	-362.0	-3.0	59.0	-7.0	-346.0
B396	108	GEO_Eqn_6.12b_nls16	5785.71	-762.0	-399.0	-8.0	55.0	-1.0	-291.0
B396	108	GEO_Eqn_6.12b_nls16	6075	-762.0	-392.0	-8.0	55.0	1.0	-177.0
B396	108	GEO_Eqn_6.12b_nls16	6364.29	-762.0	-384.0	-8.0	55.0	4.0	-65.0
B396	108	GEO_Eqn_6.12b_nls16	6364.29	-540.0	-26.0	-0.3	64.0	7.0	-64.0
B396	108	GEO_Eqn_6.12b_nls16	6480	-540.0	-23.0	-0.3	64.0	7.0	-61.0
B396	108	GEO_Eqn_6.12b_nls16	6480	-484.0	-157.0	0.3	80.0	6.0	-23.0
B396	108	GEO_Eqn_6.12b_nls16	6942.86	-484.0	-145.0	0.3	80.0	6.0	47.0
B396	108	GEO_Eqn_6.12b_nls16	6942.86	-265.0	-123.0	0.2	81.0	5.0	51.0
B396	108	GEO_Eqn_6.12b_nls16	7232.14	-265.0	-116.0	0.2	81.0	5.0	85.0
B396	108	GEO_Eqn_6.12b_nls16	7521.43	-265.0	-108.0	0.2	81.0	5.0	118.0
B396	108	GEO_Eqn_6.12b_nls16	7521.43	-73.0	-1.0	0.0	93.0	5.0	108.0
B396	108	GEO_Eqn_6.12b_nls16	7560	-73.0	-0.5	0.0	93.0	5.0	108.0
B396	108	GEO_Eqn_6.12b_nls16	7560	-43.0	-41.0	1.0	116.0	1.0	114.0
B396	108	GEO_Eqn_6.12b_nls16	7830	-43.0	-34.0	1.0	116.0	0.3	124.0
B396	108	GEO_Eqn_6.12b_nls16	8100	-43.0	-27.0	1.0	116.0	-0.1	132.0
B396	108	GEO_Eqn_6.12b_nls16	8100	148.0	-30.0	1.0	117.0	-1.0	125.0
B396	108	GEO_Eqn_6.12b_nls16	8370	148.0	-23.0	1.0	117.0	-2.0	132.0
B396	108	GEO_Eqn_6.12b_nls16	8640	148.0	-16.0	1.0	117.0	-2.0	137.0
B396	108	GEO_Eqn_6.12b_nls16	8640	166.0	-0.2	0.0	139.0	-6.0	140.0
B396	108	GEO_Eqn_6.12b_nls16	8678.57	166.0	1.0	0.0	139.0	-6.0	140.0
B396	108	GEO_Eqn_6.12b_nls16	8678.57	331.0	17.0	-0.3	151.0	-6.0	128.0
B396	108	GEO_Eqn_6.12b_nls16	8967.86	331.0	24.0	-0.3	151.0	-6.0	122.0
B396	108	GEO_Eqn_6.12b_nls16	9257.14	331.0	31.0	-0.3	151.0	-6.0	114.0
B396	108	GEO_Eqn_6.12b_nls16	9257.14	494.0	28.0	-0.3	150.0	-6.0	102.0
B396	108	GEO_Eqn_6.12b_nls16	9720	494.0	40.0	-0.3	150.0	-6.0	86.0
B396	108	GEO_Eqn_6.12b_nls16	9720	522.0	7.0	-0.4	150.0	-7.0	75.0
B396	108	GEO_Eqn_6.12b_nls16	9835.71	522.0	10.0	-0.4	150.0	-7.0	74.0
B396	108	GEO_Eqn_6.12b_nls16	9835.71	673.0	142.0	-10.0	158.0	-3.0	61.0
B396	108	GEO_Eqn_6.12b_nls16	10125	673.0	150.0	-10.0	158.0	-1.0	19.0
B396	108	GEO_Eqn_6.12b_nls16	10414.29	673.0	157.0	-10.0	158.0	2.0	-26.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B396	108	GEO_Eqn_6.12b_nls16	10414.29	783.0	127.0	-5.0	128.0	9.0	-58.0
B396	108	GEO_Eqn_6.12b_nls16	10800	783.0	137.0	-5.0	128.0	10.0	-109.0
B396	108	GEO_Eqn_6.12b_nls16	10800	-130.0	9.0	0.3	-13.0	1.0	-115.0
B396	108	GEO_Eqn_6.12b_nls16	10992.86	-130.0	14.0	0.3	-13.0	1.0	-117.0
B396	108	GEO_Eqn_6.12b_nls16	10992.86	-58.0	25.0	1.0	-65.0	-0.4	-122.0
B396	108	GEO_Eqn_6.12b_nls16	11475	-58.0	37.0	1.0	-65.0	-1.0	-137.0
B396	108	GEO_Eqn_6.12b_nls16	11475	-25.0	4.0	0.0	-80.0	-1.0	-144.0
B396	108	GEO_Eqn_6.12b_nls16	11571.43	-25.0	6.0	0.0	-80.0	-1.0	-145.0
B396	108	GEO_Eqn_6.12b_nls16	11571.43	96.0	-79.0	-1.0	-86.0	0.0	-151.0
B396	108	GEO_Eqn_6.12b_nls16	11860.71	96.0	-72.0	-1.0	-86.0	0.2	-130.0
B396	108	GEO_Eqn_6.12b_nls16	12150	96.0	-64.0	-1.0	-86.0	0.5	-110.0
B396	108	GEO_Eqn_6.12b_nls16	12150	0.0	-304.0	0.0	-64.0	0.0	-109.0
B396	108	GEO_Eqn_6.12b_nls16	12600	0.0	-292.0	0.0	-64.0	0.0	25.0
B396	108	GEO_Eqn_6.12b_nls16	13050	0.0	-281.0	0.0	-64.0	0.0	154.0
B396	108	GEO_Eqn_6.12b_nls16	13050	-250.0	-43.0	-1.0	-33.0	-1.0	150.0
B396	108	GEO_Eqn_6.12b_nls16	13312.5	-250.0	-36.0	-1.0	-33.0	-1.0	160.0
B396	108	GEO_Eqn_6.12b_nls16	13575	-250.0	-30.0	-1.0	-33.0	-0.4	169.0
B396	108	GEO_Eqn_6.12b_nls16	13575	-167.0	60.0	-1.0	-34.0	1.0	162.0
B396	108	GEO_Eqn_6.12b_nls16	13837.5	-167.0	66.0	-1.0	-34.0	1.0	145.0
B396	108	GEO_Eqn_6.12b_nls16	14100	-167.0	73.0	-1.0	-34.0	1.0	127.0
B396	108	GEO_Eqn_6.12b_nls16	14100	-53.0	70.0	1.0	-8.0	1.0	115.0
B396	108	GEO_Eqn_6.12b_nls16	14362.5	-53.0	76.0	1.0	-8.0	0.5	96.0
B396	108	GEO_Eqn_6.12b_nls16	14625	-53.0	83.0	1.0	-8.0	0.3	75.0
B396	108	GEO_Eqn_6.12b_nls16	14625	45.0	4.0	0.4	-8.0	-0.1	66.0
B396	108	GEO_Eqn_6.12b_nls16	14887.5	45.0	10.0	0.4	-8.0	-0.2	64.0
B396	108	GEO_Eqn_6.12b_nls16	15150	45.0	17.0	0.4	-8.0	-0.3	61.0
B396	108	GEO_Eqn_6.12b_nls16	15150	165.0	-77.0	-1.0	5.0	-1.0	55.0
B396	108	GEO_Eqn_6.12b_nls16	15412.5	165.0	-70.0	-1.0	5.0	-1.0	74.0
B396	108	GEO_Eqn_6.12b_nls16	15675	165.0	-64.0	-1.0	5.0	-1.0	92.0
B396	108	GEO_Eqn_6.12b_nls16	15675	260.0	-205.0	-1.0	5.0	0.1	97.0
B396	108	GEO_Eqn_6.12b_nls16	15937.5	260.0	-199.0	-1.0	5.0	0.3	150.0
B396	108	GEO_Eqn_6.12b_nls16	16200	260.0	-192.0	-1.0	5.0	0.4	201.0
B397	109	GEO_Eqn_6.12b_nls01	0	-314.0	60.0	12.0	88.0	8.0	40.0
B397	109	GEO_Eqn_6.12b_nls01	300	-314.0	67.0	12.0	88.0	4.0	21.0
B397	109	GEO_Eqn_6.12b_nls01	600	-314.0	75.0	12.0	88.0	1.0	-1.0
B397	109	GEO_Eqn_6.12b_nls01	600	-205.0	-17.0	4.0	81.0	-1.0	-6.0
B397	109	GEO_Eqn_6.12b_nls01	1080	-205.0	-5.0	4.0	81.0	-3.0	-1.0
B397	109	GEO_Eqn_6.12b_nls01	1080	-204.0	-1.0	0.2	66.0	-2.0	0.4
B397	109	GEO_Eqn_6.12b_nls01	1200	-204.0	2.0	0.2	66.0	-2.0	0.3
B397	109	GEO_Eqn_6.12b_nls01	1200	-114.0	-42.0	0.4	56.0	-3.0	-5.0
B397	109	GEO_Eqn_6.12b_nls01	1500	-114.0	-35.0	0.4	56.0	-3.0	6.0
B397	109	GEO_Eqn_6.12b_nls01	1800	-114.0	-27.0	0.4	56.0	-3.0	16.0
B397	109	GEO_Eqn_6.12b_nls01	1800	-30.0	-40.0	-0.3	49.0	-3.0	17.0
B397	109	GEO_Eqn_6.12b_nls01	2160	-30.0	-31.0	-0.3	49.0	-3.0	30.0
B397	109	GEO_Eqn_6.12b_nls01	2160	-27.0	-13.0	-0.1	28.0	-1.0	40.0
B397	109	GEO_Eqn_6.12b_nls01	2400	-27.0	-7.0	-0.1	28.0	-1.0	42.0
B397	109	GEO_Eqn_6.12b_nls01	2400	46.0	-65.0	-1.0	20.0	-1.0	40.0
B397	109	GEO_Eqn_6.12b_nls01	2700	46.0	-58.0	-1.0	20.0	-1.0	58.0
B397	109	GEO_Eqn_6.12b_nls01	3000	46.0	-50.0	-1.0	20.0	-0.3	74.0
B397	109	GEO_Eqn_6.12b_nls01	3000	107.0	-33.0	-0.3	11.0	0.2	79.0
B397	109	GEO_Eqn_6.12b_nls01	3240	107.0	-27.0	-0.3	11.0	0.2	86.0
B397	109	GEO_Eqn_6.12b_nls01	3240	111.0	-33.0	0.0	-14.0	1.0	102.0
B397	109	GEO_Eqn_6.12b_nls01	3600	111.0	-24.0	0.0	-14.0	1.0	112.0
B397	109	GEO_Eqn_6.12b_nls01	3600	157.0	-104.0	-0.3	-19.0	1.0	115.0
B397	109	GEO_Eqn_6.12b_nls01	3900	157.0	-96.0	-0.3	-19.0	2.0	145.0
B397	109	GEO_Eqn_6.12b_nls01	4200	157.0	-89.0	-0.3	-19.0	2.0	173.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls01	4200	176.0	-17.0	0.0	-32.0	2.0	177.0
B397	109	GEO_Eqn_6.12b_nls01	4320	176.0	-14.0	0.0	-32.0	2.0	179.0
B397	109	GEO_Eqn_6.12b_nls01	4320	178.0	-91.0	1.0	-58.0	2.0	201.0
B397	109	GEO_Eqn_6.12b_nls01	4800	178.0	-78.0	1.0	-58.0	1.0	242.0
B397	109	GEO_Eqn_6.12b_nls01	4800	170.0	-166.0	2.0	-63.0	0.0	255.0
B397	109	GEO_Eqn_6.12b_nls01	5100	170.0	-158.0	2.0	-63.0	-0.5	303.0
B397	109	GEO_Eqn_6.12b_nls01	5400	170.0	-150.0	2.0	-63.0	-1.0	349.0
B397	109	GEO_Eqn_6.12b_nls01	5400	-5.0	-9.0	0.2	43.0	0.3	356.0
B397	109	GEO_Eqn_6.12b_nls01	5760	-5.0	-0.2	0.2	43.0	0.2	357.0
B397	109	GEO_Eqn_6.12b_nls01	6120	-5.0	9.0	0.2	43.0	0.2	356.0
B397	109	GEO_Eqn_6.12b_nls01	6480	-5.0	18.0	0.2	43.0	0.1	351.0
B397	109	GEO_Eqn_6.12b_nls01	6480	-1.0	63.0	-0.1	4.0	-0.2	351.0
B397	109	GEO_Eqn_6.12b_nls01	6840	-1.0	73.0	-0.1	4.0	-0.2	326.0
B397	109	GEO_Eqn_6.12b_nls01	7200	-1.0	82.0	-0.1	4.0	-0.1	299.0
B397	109	GEO_Eqn_6.12b_nls01	7560	-1.0	91.0	-0.1	4.0	-0.1	267.0
B397	109	GEO_Eqn_6.12b_nls01	7560	1.0	136.0	-0.2	-35.0	-0.2	267.0
B397	109	GEO_Eqn_6.12b_nls01	7920	1.0	145.0	-0.2	-35.0	-0.1	217.0
B397	109	GEO_Eqn_6.12b_nls01	8280	1.0	154.0	-0.2	-35.0	-0.1	163.0
B397	109	GEO_Eqn_6.12b_nls01	8640	1.0	163.0	-0.2	-35.0	0.0	106.0
B397	109	GEO_Eqn_6.12b_nls01	8640	2.0	207.0	-0.1	-72.0	-0.1	105.0
B397	109	GEO_Eqn_6.12b_nls01	9000	2.0	217.0	-0.1	-72.0	0.0	28.0
B397	109	GEO_Eqn_6.12b_nls01	9360	2.0	226.0	-0.1	-72.0	0.0	-51.0
B397	109	GEO_Eqn_6.12b_nls01	9720	2.0	235.0	-0.1	-72.0	0.0	-134.0
B397	109	GEO_Eqn_6.12b_nls01	9720	3.0	276.0	-0.2	-106.0	0.0	-136.0
B397	109	GEO_Eqn_6.12b_nls01	10080	3.0	285.0	-0.2	-106.0	0.0	-237.0
B397	109	GEO_Eqn_6.12b_nls01	10440	3.0	294.0	-0.2	-106.0	0.1	-341.0
B397	109	GEO_Eqn_6.12b_nls01	10800	3.0	303.0	-0.2	-106.0	0.2	-449.0
B397	109	GEO_Eqn_6.12b_nls01	10800	0.0	-54.0	0.0	182.0	0.0	-389.0
B397	109	GEO_Eqn_6.12b_nls01	11000	0.0	-48.0	0.0	182.0	0.0	-379.0
B397	109	GEO_Eqn_6.12b_nls01	11000	0.2	-106.0	0.2	168.0	0.1	-382.0
B397	109	GEO_Eqn_6.12b_nls01	11425	0.2	-95.0	0.2	168.0	0.0	-339.0
B397	109	GEO_Eqn_6.12b_nls01	11850	0.2	-84.0	0.2	168.0	-0.1	-301.0
B397	109	GEO_Eqn_6.12b_nls01	11850	-0.2	-62.0	-0.4	153.0	-0.2	-301.0
B397	109	GEO_Eqn_6.12b_nls01	12275	-0.2	-52.0	-0.4	153.0	0.0	-277.0
B397	109	GEO_Eqn_6.12b_nls01	12700	-0.2	-41.0	-0.4	153.0	0.1	-257.0
B397	109	GEO_Eqn_6.12b_nls01	12700	60.0	-96.0	5.0	128.0	7.0	-251.0
B397	109	GEO_Eqn_6.12b_nls01	12991.67	60.0	-88.0	5.0	128.0	5.0	-225.0
B397	109	GEO_Eqn_6.12b_nls01	13283.33	60.0	-81.0	5.0	128.0	4.0	-200.0
B397	109	GEO_Eqn_6.12b_nls01	13283.33	32.0	-113.0	3.0	125.0	1.0	-192.0
B397	109	GEO_Eqn_6.12b_nls01	13575	32.0	-106.0	3.0	125.0	-0.2	-160.0
B397	109	GEO_Eqn_6.12b_nls01	13866.67	32.0	-98.0	3.0	125.0	-1.0	-130.0
B397	109	GEO_Eqn_6.12b_nls01	13866.67	7.0	-69.0	2.0	91.0	-2.0	-125.0
B397	109	GEO_Eqn_6.12b_nls01	14158.33	7.0	-61.0	2.0	91.0	-3.0	-106.0
B397	109	GEO_Eqn_6.12b_nls01	14450	7.0	-54.0	2.0	91.0	-3.0	-89.0
B397	109	GEO_Eqn_6.12b_nls01	14450	-9.0	-58.0	1.0	88.0	-5.0	-85.0
B397	109	GEO_Eqn_6.12b_nls01	14741.67	-9.0	-51.0	1.0	88.0	-5.0	-69.0
B397	109	GEO_Eqn_6.12b_nls01	15033.33	-9.0	-43.0	1.0	88.0	-5.0	-55.0
B397	109	GEO_Eqn_6.12b_nls01	15033.33	-30.0	-67.0	-4.0	53.0	-6.0	-54.0
B397	109	GEO_Eqn_6.12b_nls01	15325	-30.0	-59.0	-4.0	53.0	-5.0	-35.0
B397	109	GEO_Eqn_6.12b_nls01	15616.67	-30.0	-52.0	-4.0	53.0	-3.0	-19.0
B397	109	GEO_Eqn_6.12b_nls01	15616.67	-59.0	-175.0	-14.0	48.0	3.0	-11.0
B397	109	GEO_Eqn_6.12b_nls01	15908.33	-59.0	-167.0	-14.0	48.0	7.0	39.0
B397	109	GEO_Eqn_6.12b_nls01	16200	-59.0	-160.0	-14.0	48.0	11.0	87.0
B397	109	GEO_Eqn_6.12b_nls02	0	-363.0	38.0	12.0	72.0	8.0	68.0
B397	109	GEO_Eqn_6.12b_nls02	300	-364.0	45.0	12.0	72.0	4.0	56.0
B397	109	GEO_Eqn_6.12b_nls02	600	-364.0	53.0	12.0	72.0	1.0	41.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls02	600	-239.0	-7.0	5.0	65.0	-1.0	35.0
B397	109	GEO_Eqn_6.12b_nls02	1080	-239.0	5.0	5.0	65.0	-3.0	35.0
B397	109	GEO_Eqn_6.12b_nls02	1080	-239.0	1.0	0.2	49.0	-2.0	34.0
B397	109	GEO_Eqn_6.12b_nls02	1200	-239.0	4.0	0.2	49.0	-3.0	34.0
B397	109	GEO_Eqn_6.12b_nls02	1200	-138.0	-14.0	1.0	40.0	-3.0	27.0
B397	109	GEO_Eqn_6.12b_nls02	1500	-138.0	-7.0	1.0	40.0	-3.0	30.0
B397	109	GEO_Eqn_6.12b_nls02	1800	-138.0	1.0	1.0	40.0	-3.0	31.0
B397	109	GEO_Eqn_6.12b_nls02	1800	-46.0	-17.0	-0.2	32.0	-3.0	29.0
B397	109	GEO_Eqn_6.12b_nls02	2160	-46.0	-8.0	-0.2	32.0	-3.0	33.0
B397	109	GEO_Eqn_6.12b_nls02	2160	-45.0	1.0	-0.1	11.0	-1.0	34.0
B397	109	GEO_Eqn_6.12b_nls02	2400	-45.0	7.0	-0.1	11.0	-1.0	33.0
B397	109	GEO_Eqn_6.12b_nls02	2400	34.0	-5.0	-1.0	3.0	-1.0	27.0
B397	109	GEO_Eqn_6.12b_nls02	2700	34.0	3.0	-1.0	3.0	-1.0	27.0
B397	109	GEO_Eqn_6.12b_nls02	3000	34.0	11.0	-1.0	3.0	-0.3	25.0
B397	109	GEO_Eqn_6.12b_nls02	3000	102.0	-4.0	-0.3	-7.0	0.1	23.0
B397	109	GEO_Eqn_6.12b_nls02	3240	102.0	2.0	-0.3	-7.0	0.2	23.0
B397	109	GEO_Eqn_6.12b_nls02	3240	106.0	16.0	0.0	-32.0	2.0	19.0
B397	109	GEO_Eqn_6.12b_nls02	3600	106.0	25.0	0.0	-32.0	2.0	11.0
B397	109	GEO_Eqn_6.12b_nls02	3600	165.0	20.0	-0.3	-38.0	2.0	4.0
B397	109	GEO_Eqn_6.12b_nls02	3900	165.0	28.0	-0.3	-38.0	2.0	-3.0
B397	109	GEO_Eqn_6.12b_nls02	4200	165.0	36.0	-0.3	-38.0	2.0	-13.0
B397	109	GEO_Eqn_6.12b_nls02	4200	213.0	-1.0	0.0	-51.0	2.0	-14.0
B397	109	GEO_Eqn_6.12b_nls02	4320	213.0	2.0	0.0	-51.0	2.0	-14.0
B397	109	GEO_Eqn_6.12b_nls02	4320	221.0	29.0	2.0	-79.0	2.0	-21.0
B397	109	GEO_Eqn_6.12b_nls02	4800	221.0	41.0	2.0	-79.0	1.0	-38.0
B397	109	GEO_Eqn_6.12b_nls02	4800	262.0	-46.0	1.0	-83.0	-0.1	-42.0
B397	109	GEO_Eqn_6.12b_nls02	5100	262.0	-39.0	1.0	-83.0	-1.0	-29.0
B397	109	GEO_Eqn_6.12b_nls02	5400	262.0	-31.0	1.0	-83.0	-1.0	-19.0
B397	109	GEO_Eqn_6.12b_nls02	5400	-6.0	-162.0	0.2	86.0	0.3	-53.0
B397	109	GEO_Eqn_6.12b_nls02	5760	-6.0	-153.0	0.2	86.0	0.3	4.0
B397	109	GEO_Eqn_6.12b_nls02	6120	-6.0	-144.0	0.1	86.0	0.2	57.0
B397	109	GEO_Eqn_6.12b_nls02	6480	-6.0	-134.0	0.1	86.0	0.2	107.0
B397	109	GEO_Eqn_6.12b_nls02	6480	-1.0	-88.0	-0.1	44.0	-0.2	107.0
B397	109	GEO_Eqn_6.12b_nls02	6840	-1.0	-79.0	-0.1	44.0	-0.2	137.0
B397	109	GEO_Eqn_6.12b_nls02	7200	-1.0	-70.0	-0.1	44.0	-0.2	164.0
B397	109	GEO_Eqn_6.12b_nls02	7560	-1.0	-61.0	-0.1	44.0	-0.1	188.0
B397	109	GEO_Eqn_6.12b_nls02	7560	1.0	-15.0	-0.1	5.0	-0.2	188.0
B397	109	GEO_Eqn_6.12b_nls02	7920	1.0	-6.0	-0.1	5.0	-0.2	192.0
B397	109	GEO_Eqn_6.12b_nls02	8280	1.0	3.0	-0.1	5.0	-0.1	192.0
B397	109	GEO_Eqn_6.12b_nls02	8640	1.0	12.0	-0.2	5.0	-0.1	189.0
B397	109	GEO_Eqn_6.12b_nls02	8640	2.0	56.0	-0.1	-33.0	-0.1	189.0
B397	109	GEO_Eqn_6.12b_nls02	9000	2.0	65.0	-0.1	-33.0	-0.1	167.0
B397	109	GEO_Eqn_6.12b_nls02	9360	2.0	75.0	-0.1	-33.0	-0.1	142.0
B397	109	GEO_Eqn_6.12b_nls02	9720	2.0	84.0	-0.1	-33.0	0.0	113.0
B397	109	GEO_Eqn_6.12b_nls02	9720	3.0	124.0	-0.4	-66.0	0.0	111.0
B397	109	GEO_Eqn_6.12b_nls02	10080	3.0	133.0	-0.4	-66.0	0.1	65.0
B397	109	GEO_Eqn_6.12b_nls02	10440	3.0	143.0	-0.4	-66.0	0.2	15.0
B397	109	GEO_Eqn_6.12b_nls02	10800	3.0	152.0	-0.4	-66.0	0.3	-38.0
B397	109	GEO_Eqn_6.12b_nls02	10800	0.0	42.0	0.0	148.0	0.0	-5.0
B397	109	GEO_Eqn_6.12b_nls02	11000	0.0	47.0	0.0	148.0	0.0	-14.0
B397	109	GEO_Eqn_6.12b_nls02	11000	1.0	35.0	1.0	135.0	0.3	-16.0
B397	109	GEO_Eqn_6.12b_nls02	11425	1.0	46.0	1.0	135.0	0.0	-33.0
B397	109	GEO_Eqn_6.12b_nls02	11850	1.0	57.0	1.0	135.0	-0.3	-55.0
B397	109	GEO_Eqn_6.12b_nls02	11850	-1.0	78.0	-1.0	121.0	-0.3	-55.0
B397	109	GEO_Eqn_6.12b_nls02	12275	-1.0	89.0	-1.0	121.0	0.0	-90.0
B397	109	GEO_Eqn_6.12b_nls02	12700	-1.0	99.0	-1.0	121.0	0.3	-130.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls02	12700	138.0	5.0	5.0	97.0	6.0	-128.0
B397	109	GEO_Eqn_6.12b_nls02	12991.67	138.0	12.0	5.0	97.0	5.0	-130.0
B397	109	GEO_Eqn_6.12b_nls02	13283.33	138.0	19.0	5.0	97.0	4.0	-135.0
B397	109	GEO_Eqn_6.12b_nls02	13283.33	87.0	-44.0	2.0	95.0	1.0	-130.0
B397	109	GEO_Eqn_6.12b_nls02	13575	87.0	-36.0	2.0	95.0	0.2	-119.0
B397	109	GEO_Eqn_6.12b_nls02	13866.67	87.0	-29.0	2.0	95.0	-1.0	-109.0
B397	109	GEO_Eqn_6.12b_nls02	13866.67	24.0	-19.0	2.0	62.0	-2.0	-105.0
B397	109	GEO_Eqn_6.12b_nls02	14158.33	24.0	-11.0	2.0	62.0	-3.0	-100.0
B397	109	GEO_Eqn_6.12b_nls02	14450	24.0	-4.0	2.0	62.0	-3.0	-98.0
B397	109	GEO_Eqn_6.12b_nls02	14450	-27.0	-24.0	1.0	59.0	-5.0	-95.0
B397	109	GEO_Eqn_6.12b_nls02	14741.67	-27.0	-16.0	1.0	59.0	-5.0	-89.0
B397	109	GEO_Eqn_6.12b_nls02	15033.33	-27.0	-9.0	1.0	59.0	-5.0	-85.0
B397	109	GEO_Eqn_6.12b_nls02	15033.33	-84.0	-54.0	-5.0	23.0	-6.0	-83.0
B397	109	GEO_Eqn_6.12b_nls02	15325	-84.0	-46.0	-5.0	23.0	-5.0	-68.0
B397	109	GEO_Eqn_6.12b_nls02	15616.67	-84.0	-39.0	-5.0	23.0	-4.0	-56.0
B397	109	GEO_Eqn_6.12b_nls02	15616.67	-137.0	-194.0	-14.0	18.0	3.0	-46.0
B397	109	GEO_Eqn_6.12b_nls02	15908.33	-137.0	-187.0	-14.0	18.0	8.0	9.0
B397	109	GEO_Eqn_6.12b_nls02	16200	-137.0	-179.0	-14.0	18.0	12.0	63.0
B397	109	GEO_Eqn_6.12b_nls03	0	54.0	-606.0	-13.0	56.0	-11.0	-38.0
B397	109	GEO_Eqn_6.12b_nls03	300	54.0	-599.0	-13.0	56.0	-7.0	143.0
B397	109	GEO_Eqn_6.12b_nls03	600	54.0	-591.0	-13.0	56.0	-3.0	321.0
B397	109	GEO_Eqn_6.12b_nls03	600	125.0	-134.0	-5.0	60.0	-1.0	337.0
B397	109	GEO_Eqn_6.12b_nls03	1080	125.0	-121.0	-5.0	60.0	1.0	398.0
B397	109	GEO_Eqn_6.12b_nls03	1080	139.0	-17.0	-0.3	60.0	2.0	424.0
B397	109	GEO_Eqn_6.12b_nls03	1200	139.0	-14.0	-0.3	60.0	2.0	426.0
B397	109	GEO_Eqn_6.12b_nls03	1200	182.0	-16.0	-2.0	63.0	2.0	421.0
B397	109	GEO_Eqn_6.12b_nls03	1500	182.0	-8.0	-2.0	63.0	3.0	425.0
B397	109	GEO_Eqn_6.12b_nls03	1800	182.0	-0.2	-2.0	63.0	4.0	426.0
B397	109	GEO_Eqn_6.12b_nls03	1800	182.0	-10.0	0.0	63.0	4.0	427.0
B397	109	GEO_Eqn_6.12b_nls03	2160	182.0	-1.0	-0.1	63.0	4.0	429.0
B397	109	GEO_Eqn_6.12b_nls03	2160	187.0	4.0	-0.2	57.0	4.0	427.0
B397	109	GEO_Eqn_6.12b_nls03	2400	187.0	11.0	-0.2	57.0	4.0	425.0
B397	109	GEO_Eqn_6.12b_nls03	2400	152.0	-42.0	1.0	57.0	4.0	425.0
B397	109	GEO_Eqn_6.12b_nls03	2700	152.0	-35.0	1.0	57.0	4.0	437.0
B397	109	GEO_Eqn_6.12b_nls03	3000	152.0	-27.0	1.0	57.0	3.0	446.0
B397	109	GEO_Eqn_6.12b_nls03	3000	72.0	-35.0	0.5	54.0	3.0	458.0
B397	109	GEO_Eqn_6.12b_nls03	3240	72.0	-29.0	0.5	54.0	3.0	466.0
B397	109	GEO_Eqn_6.12b_nls03	3240	63.0	-37.0	0.1	43.0	1.0	483.0
B397	109	GEO_Eqn_6.12b_nls03	3600	63.0	-28.0	0.1	43.0	1.0	494.0
B397	109	GEO_Eqn_6.12b_nls03	3600	-54.0	-76.0	2.0	43.0	1.0	507.0
B397	109	GEO_Eqn_6.12b_nls03	3900	-54.0	-68.0	2.0	43.0	0.1	528.0
B397	109	GEO_Eqn_6.12b_nls03	4200	-54.0	-61.0	2.0	43.0	-0.4	548.0
B397	109	GEO_Eqn_6.12b_nls03	4200	-221.0	6.0	0.2	39.0	-1.0	562.0
B397	109	GEO_Eqn_6.12b_nls03	4320	-221.0	9.0	0.2	39.0	-1.0	562.0
B397	109	GEO_Eqn_6.12b_nls03	4320	-256.0	82.0	-0.1	26.0	-2.0	547.0
B397	109	GEO_Eqn_6.12b_nls03	4800	-256.0	94.0	-0.1	26.0	-2.0	504.0
B397	109	GEO_Eqn_6.12b_nls03	4800	-463.0	587.0	3.0	27.0	-3.0	492.0
B397	109	GEO_Eqn_6.12b_nls03	5100	-463.0	595.0	3.0	27.0	-4.0	315.0
B397	109	GEO_Eqn_6.12b_nls03	5400	-463.0	602.0	3.0	27.0	-5.0	135.0
B397	109	GEO_Eqn_6.12b_nls03	5400	6.0	71.0	-0.4	19.0	-1.0	215.0
B397	109	GEO_Eqn_6.12b_nls03	5760	6.0	80.0	-0.4	19.0	-0.4	188.0
B397	109	GEO_Eqn_6.12b_nls03	6120	6.0	89.0	-0.4	19.0	-0.2	157.0
B397	109	GEO_Eqn_6.12b_nls03	6480	6.0	98.0	-0.4	19.0	-0.1	124.0
B397	109	GEO_Eqn_6.12b_nls03	6480	1.0	143.0	0.2	-17.0	0.4	123.0
B397	109	GEO_Eqn_6.12b_nls03	6840	1.0	152.0	0.2	-17.0	0.3	70.0
B397	109	GEO_Eqn_6.12b_nls03	7200	1.0	162.0	0.2	-17.0	0.2	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls03	7560	1.0	171.0	0.2	-17.0	0.2	-47.0
B397	109	GEO_Eqn_6.12b_nls03	7560	-1.0	216.0	0.2	-53.0	0.3	-47.0
B397	109	GEO_Eqn_6.12b_nls03	7920	-1.0	225.0	0.2	-53.0	0.2	-126.0
B397	109	GEO_Eqn_6.12b_nls03	8280	-1.0	234.0	0.2	-53.0	0.1	-209.0
B397	109	GEO_Eqn_6.12b_nls03	8640	-1.0	243.0	0.2	-53.0	0.0	-295.0
B397	109	GEO_Eqn_6.12b_nls03	8640	-2.0	287.0	0.1	-86.0	0.1	-296.0
B397	109	GEO_Eqn_6.12b_nls03	9000	-2.0	296.0	0.1	-86.0	0.1	-401.0
B397	109	GEO_Eqn_6.12b_nls03	9360	-2.0	305.0	0.1	-86.0	0.1	-509.0
B397	109	GEO_Eqn_6.12b_nls03	9720	-2.0	315.0	0.1	-86.0	0.0	-621.0
B397	109	GEO_Eqn_6.12b_nls03	9720	-3.0	355.0	0.4	-116.0	0.0	-623.0
B397	109	GEO_Eqn_6.12b_nls03	10080	-3.0	364.0	0.4	-116.0	-0.1	-752.0
B397	109	GEO_Eqn_6.12b_nls03	10440	-3.0	373.0	0.4	-116.0	-0.2	-885.0
B397	109	GEO_Eqn_6.12b_nls03	10800	-3.0	383.0	0.4	-116.0	-0.4	-1021.0
B397	109	GEO_Eqn_6.12b_nls03	10800	0.0	-707.0	0.0	-115.0	0.0	-1024.0
B397	109	GEO_Eqn_6.12b_nls03	11000	0.0	-702.0	0.0	-115.0	0.0	-883.0
B397	109	GEO_Eqn_6.12b_nls03	11000	0.1	-705.0	-1.0	-124.0	-0.2	-876.0
B397	109	GEO_Eqn_6.12b_nls03	11425	0.1	-694.0	-1.0	-124.0	0.0	-579.0
B397	109	GEO_Eqn_6.12b_nls03	11850	0.1	-684.0	-1.0	-124.0	0.2	-286.0
B397	109	GEO_Eqn_6.12b_nls03	11850	-0.1	-665.0	0.4	-133.0	0.2	-284.0
B397	109	GEO_Eqn_6.12b_nls03	12275	-0.1	-654.0	0.4	-133.0	0.0	-4.0
B397	109	GEO_Eqn_6.12b_nls03	12700	-0.1	-643.0	0.4	-133.0	-0.2	272.0
B397	109	GEO_Eqn_6.12b_nls03	12700	-111.0	-290.0	-7.0	-125.0	-9.0	275.0
B397	109	GEO_Eqn_6.12b_nls03	12991.67	-111.0	-282.0	-7.0	-125.0	-7.0	358.0
B397	109	GEO_Eqn_6.12b_nls03	13283.33	-111.0	-275.0	-7.0	-125.0	-5.0	439.0
B397	109	GEO_Eqn_6.12b_nls03	13283.33	-17.0	-89.0	-4.0	-121.0	-1.0	444.0
B397	109	GEO_Eqn_6.12b_nls03	13575	-17.0	-81.0	-4.0	-121.0	0.3	469.0
B397	109	GEO_Eqn_6.12b_nls03	13866.67	-17.0	-74.0	-4.0	-121.0	1.0	491.0
B397	109	GEO_Eqn_6.12b_nls03	13866.67	59.0	-13.0	-3.0	-96.0	2.0	489.0
B397	109	GEO_Eqn_6.12b_nls03	14158.33	59.0	-6.0	-3.0	-96.0	3.0	492.0
B397	109	GEO_Eqn_6.12b_nls03	14450	59.0	2.0	-3.0	-96.0	4.0	492.0
B397	109	GEO_Eqn_6.12b_nls03	14450	71.0	49.0	-1.0	-92.0	6.0	490.0
B397	109	GEO_Eqn_6.12b_nls03	14741.67	71.0	56.0	-1.0	-92.0	6.0	475.0
B397	109	GEO_Eqn_6.12b_nls03	15033.33	71.0	64.0	-1.0	-92.0	7.0	457.0
B397	109	GEO_Eqn_6.12b_nls03	15033.33	26.0	255.0	5.0	-56.0	9.0	458.0
B397	109	GEO_Eqn_6.12b_nls03	15325	26.0	262.0	5.0	-56.0	7.0	382.0
B397	109	GEO_Eqn_6.12b_nls03	15616.67	26.0	270.0	5.0	-56.0	5.0	304.0
B397	109	GEO_Eqn_6.12b_nls03	15616.67	-29.0	740.0	20.0	-48.0	-4.0	278.0
B397	109	GEO_Eqn_6.12b_nls03	15908.33	-29.0	748.0	20.0	-48.0	-10.0	61.0
B397	109	GEO_Eqn_6.12b_nls03	16200	-29.0	755.0	20.0	-48.0	-16.0	-158.0
B397	109	GEO_Eqn_6.12b_nls04	0	-31.0	-663.0	-13.0	18.0	-11.0	20.0
B397	109	GEO_Eqn_6.12b_nls04	300	-31.0	-655.0	-13.0	18.0	-7.0	218.0
B397	109	GEO_Eqn_6.12b_nls04	600	-31.0	-648.0	-13.0	18.0	-3.0	413.0
B397	109	GEO_Eqn_6.12b_nls04	600	68.0	-115.0	-5.0	22.0	-1.0	427.0
B397	109	GEO_Eqn_6.12b_nls04	1080	68.0	-102.0	-5.0	22.0	1.0	479.0
B397	109	GEO_Eqn_6.12b_nls04	1080	81.0	-14.0	-0.3	22.0	2.0	501.0
B397	109	GEO_Eqn_6.12b_nls04	1200	81.0	-11.0	-0.3	22.0	2.0	502.0
B397	109	GEO_Eqn_6.12b_nls04	1200	142.0	44.0	-2.0	25.0	2.0	495.0
B397	109	GEO_Eqn_6.12b_nls04	1500	142.0	52.0	-2.0	25.0	3.0	481.0
B397	109	GEO_Eqn_6.12b_nls04	1800	142.0	59.0	-2.0	25.0	4.0	464.0
B397	109	GEO_Eqn_6.12b_nls04	1800	152.0	38.0	0.1	25.0	4.0	457.0
B397	109	GEO_Eqn_6.12b_nls04	2160	152.0	48.0	0.1	25.0	4.0	442.0
B397	109	GEO_Eqn_6.12b_nls04	2160	154.0	33.0	-0.2	18.0	4.0	421.0
B397	109	GEO_Eqn_6.12b_nls04	2400	154.0	39.0	-0.2	18.0	4.0	412.0
B397	109	GEO_Eqn_6.12b_nls04	2400	126.0	82.0	1.0	18.0	4.0	404.0
B397	109	GEO_Eqn_6.12b_nls04	2700	126.0	90.0	1.0	18.0	4.0	378.0
B397	109	GEO_Eqn_6.12b_nls04	3000	126.0	97.0	1.0	18.0	3.0	350.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls04	3000	59.0	25.0	0.5	15.0	3.0	348.0
B397	109	GEO_Eqn_6.12b_nls04	3240	59.0	31.0	0.5	15.0	3.0	342.0
B397	109	GEO_Eqn_6.12b_nls04	3240	48.0	64.0	0.1	3.0	1.0	319.0
B397	109	GEO_Eqn_6.12b_nls04	3600	48.0	73.0	0.1	3.0	1.0	294.0
B397	109	GEO_Eqn_6.12b_nls04	3600	-45.0	177.0	2.0	3.0	1.0	285.0
B397	109	GEO_Eqn_6.12b_nls04	3900	-45.0	185.0	2.0	3.0	0.3	230.0
B397	109	GEO_Eqn_6.12b_nls04	4200	-45.0	193.0	2.0	3.0	-0.2	174.0
B397	109	GEO_Eqn_6.12b_nls04	4200	-157.0	39.0	0.2	-3.0	-1.0	179.0
B397	109	GEO_Eqn_6.12b_nls04	4320	-157.0	42.0	0.2	-3.0	-1.0	174.0
B397	109	GEO_Eqn_6.12b_nls04	4320	-180.0	329.0	1.0	-18.0	-2.0	98.0
B397	109	GEO_Eqn_6.12b_nls04	4800	-180.0	341.0	1.0	-18.0	-2.0	-62.0
B397	109	GEO_Eqn_6.12b_nls04	4800	-292.0	842.0	3.0	-18.0	-4.0	-110.0
B397	109	GEO_Eqn_6.12b_nls04	5100	-292.0	849.0	3.0	-18.0	-4.0	-364.0
B397	109	GEO_Eqn_6.12b_nls04	5400	-292.0	857.0	3.0	-18.0	-5.0	-620.0
B397	109	GEO_Eqn_6.12b_nls04	5400	5.0	-239.0	-0.4	101.0	-0.4	-620.0
B397	109	GEO_Eqn_6.12b_nls04	5760	5.0	-229.0	-0.4	101.0	-0.3	-535.0
B397	109	GEO_Eqn_6.12b_nls04	6120	5.0	-220.0	-0.4	101.0	-0.1	-454.0
B397	109	GEO_Eqn_6.12b_nls04	6480	5.0	-211.0	-0.4	101.0	0.1	-377.0
B397	109	GEO_Eqn_6.12b_nls04	6480	1.0	-164.0	0.2	61.0	0.3	-377.0
B397	109	GEO_Eqn_6.12b_nls04	6840	1.0	-155.0	0.2	61.0	0.3	-319.0
B397	109	GEO_Eqn_6.12b_nls04	7200	1.0	-145.0	0.2	61.0	0.2	-265.0
B397	109	GEO_Eqn_6.12b_nls04	7560	1.0	-136.0	0.2	61.0	0.1	-215.0
B397	109	GEO_Eqn_6.12b_nls04	7560	-1.0	-91.0	0.3	24.0	0.2	-214.0
B397	109	GEO_Eqn_6.12b_nls04	7920	-1.0	-81.0	0.3	24.0	0.1	-184.0
B397	109	GEO_Eqn_6.12b_nls04	8280	-1.0	-72.0	0.3	24.0	0.0	-156.0
B397	109	GEO_Eqn_6.12b_nls04	8640	-1.0	-63.0	0.3	24.0	-0.1	-132.0
B397	109	GEO_Eqn_6.12b_nls04	8640	-2.0	-19.0	0.2	-10.0	0.0	-132.0
B397	109	GEO_Eqn_6.12b_nls04	9000	-2.0	-10.0	0.2	-10.0	0.0	-127.0
B397	109	GEO_Eqn_6.12b_nls04	9360	-2.0	-1.0	0.2	-10.0	-0.1	-125.0
B397	109	GEO_Eqn_6.12b_nls04	9720	-2.0	9.0	0.2	-10.0	-0.2	-126.0
B397	109	GEO_Eqn_6.12b_nls04	9720	-4.0	48.0	0.0	-38.0	0.0	-128.0
B397	109	GEO_Eqn_6.12b_nls04	10080	-4.0	57.0	0.0	-38.0	0.0	-147.0
B397	109	GEO_Eqn_6.12b_nls04	10440	-4.0	67.0	0.0	-38.0	0.0	-169.0
B397	109	GEO_Eqn_6.12b_nls04	10800	-4.0	76.0	0.0	-38.0	0.0	-195.0
B397	109	GEO_Eqn_6.12b_nls04	10800	0.0	-521.0	0.0	-188.0	0.0	-252.0
B397	109	GEO_Eqn_6.12b_nls04	11000	0.0	-516.0	0.0	-188.0	0.0	-148.0
B397	109	GEO_Eqn_6.12b_nls04	11000	2.0	-429.0	1.0	-195.0	0.2	-141.0
B397	109	GEO_Eqn_6.12b_nls04	11425	2.0	-418.0	1.0	-195.0	-0.1	39.0
B397	109	GEO_Eqn_6.12b_nls04	11850	2.0	-407.0	1.0	-195.0	-0.4	214.0
B397	109	GEO_Eqn_6.12b_nls04	11850	-2.0	-390.0	-0.2	-202.0	0.0	216.0
B397	109	GEO_Eqn_6.12b_nls04	12275	-2.0	-379.0	-0.2	-202.0	0.1	379.0
B397	109	GEO_Eqn_6.12b_nls04	12700	-2.0	-368.0	-0.2	-202.0	0.2	538.0
B397	109	GEO_Eqn_6.12b_nls04	12700	37.0	-87.0	-8.0	-190.0	-10.0	534.0
B397	109	GEO_Eqn_6.12b_nls04	12991.67	37.0	-80.0	-8.0	-190.0	-7.0	559.0
B397	109	GEO_Eqn_6.12b_nls04	13283.33	37.0	-72.0	-8.0	-190.0	-5.0	581.0
B397	109	GEO_Eqn_6.12b_nls04	13283.33	88.0	56.0	-4.0	-185.0	-0.2	577.0
B397	109	GEO_Eqn_6.12b_nls04	13575	88.0	63.0	-4.0	-185.0	1.0	559.0
B397	109	GEO_Eqn_6.12b_nls04	13866.67	88.0	71.0	-4.0	-185.0	2.0	540.0
B397	109	GEO_Eqn_6.12b_nls04	13866.67	92.0	90.0	-3.0	-158.0	3.0	536.0
B397	109	GEO_Eqn_6.12b_nls04	14158.33	92.0	98.0	-3.0	-158.0	4.0	509.0
B397	109	GEO_Eqn_6.12b_nls04	14450	92.0	105.0	-3.0	-158.0	5.0	479.0
B397	109	GEO_Eqn_6.12b_nls04	14450	38.0	119.0	-1.0	-153.0	6.0	475.0
B397	109	GEO_Eqn_6.12b_nls04	14741.67	38.0	127.0	-1.0	-153.0	6.0	439.0
B397	109	GEO_Eqn_6.12b_nls04	15033.33	38.0	134.0	-1.0	-153.0	7.0	401.0
B397	109	GEO_Eqn_6.12b_nls04	15033.33	-77.0	281.0	5.0	-117.0	8.0	402.0
B397	109	GEO_Eqn_6.12b_nls04	15325	-77.0	289.0	5.0	-117.0	6.0	319.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls04	15616.67	-77.0	296.0	5.0	-117.0	5.0	234.0
B397	109	GEO_Eqn_6.12b_nls04	15616.67	-178.0	702.0	19.0	-110.0	-4.0	210.0
B397	109	GEO_Eqn_6.12b_nls04	15908.33	-178.0	709.0	19.0	-110.0	-10.0	5.0
B397	109	GEO_Eqn_6.12b_nls04	16200	-178.0	717.0	19.0	-110.0	-16.0	-203.0
B397	109	GEO_Eqn_6.12b_nls05	0	-333.0	87.0	13.0	93.0	9.0	41.0
B397	109	GEO_Eqn_6.12b_nls05	300	-333.0	95.0	13.0	93.0	5.0	14.0
B397	109	GEO_Eqn_6.12b_nls05	600	-333.0	102.0	13.0	93.0	1.0	-16.0
B397	109	GEO_Eqn_6.12b_nls05	600	-221.0	-14.0	5.0	86.0	-1.0	-22.0
B397	109	GEO_Eqn_6.12b_nls05	1080	-221.0	-1.0	5.0	86.0	-3.0	-18.0
B397	109	GEO_Eqn_6.12b_nls05	1080	-221.0	-0.4	0.2	69.0	-3.0	-18.0
B397	109	GEO_Eqn_6.12b_nls05	1200	-221.0	3.0	0.2	69.0	-3.0	-18.0
B397	109	GEO_Eqn_6.12b_nls05	1200	-128.0	-46.0	1.0	59.0	-3.0	-24.0
B397	109	GEO_Eqn_6.12b_nls05	1500	-128.0	-38.0	1.0	59.0	-3.0	-11.0
B397	109	GEO_Eqn_6.12b_nls05	1800	-128.0	-31.0	1.0	59.0	-3.0	-1.0
B397	109	GEO_Eqn_6.12b_nls05	1800	-39.0	-43.0	-0.3	52.0	-3.0	1.0
B397	109	GEO_Eqn_6.12b_nls05	2160	-39.0	-33.0	-0.3	52.0	-3.0	15.0
B397	109	GEO_Eqn_6.12b_nls05	2160	-36.0	-14.0	-0.1	31.0	-2.0	26.0
B397	109	GEO_Eqn_6.12b_nls05	2400	-36.0	-8.0	-0.1	31.0	-2.0	29.0
B397	109	GEO_Eqn_6.12b_nls05	2400	43.0	-68.0	-1.0	22.0	-1.0	26.0
B397	109	GEO_Eqn_6.12b_nls05	2700	43.0	-60.0	-1.0	22.0	-1.0	45.0
B397	109	GEO_Eqn_6.12b_nls05	3000	43.0	-52.0	-1.0	22.0	-0.4	62.0
B397	109	GEO_Eqn_6.12b_nls05	3000	110.0	-33.0	-0.3	13.0	0.1	66.0
B397	109	GEO_Eqn_6.12b_nls05	3240	110.0	-27.0	-0.3	13.0	0.2	74.0
B397	109	GEO_Eqn_6.12b_nls05	3240	115.0	-33.0	-0.1	-12.0	1.0	89.0
B397	109	GEO_Eqn_6.12b_nls05	3600	115.0	-24.0	-0.1	-12.0	1.0	99.0
B397	109	GEO_Eqn_6.12b_nls05	3600	168.0	-101.0	-0.4	-18.0	2.0	101.0
B397	109	GEO_Eqn_6.12b_nls05	3900	168.0	-93.0	-0.4	-18.0	2.0	131.0
B397	109	GEO_Eqn_6.12b_nls05	4200	168.0	-86.0	-0.4	-18.0	2.0	157.0
B397	109	GEO_Eqn_6.12b_nls05	4200	195.0	-17.0	0.0	-31.0	2.0	161.0
B397	109	GEO_Eqn_6.12b_nls05	4320	195.0	-14.0	0.0	-31.0	2.0	162.0
B397	109	GEO_Eqn_6.12b_nls05	4320	199.0	-89.0	1.0	-58.0	2.0	185.0
B397	109	GEO_Eqn_6.12b_nls05	4800	199.0	-77.0	1.0	-58.0	1.0	225.0
B397	109	GEO_Eqn_6.12b_nls05	4800	199.0	-174.0	2.0	-62.0	0.1	237.0
B397	109	GEO_Eqn_6.12b_nls05	5100	199.0	-167.0	2.0	-62.0	-0.4	288.0
B397	109	GEO_Eqn_6.12b_nls05	5400	199.0	-159.0	2.0	-62.0	-1.0	337.0
B397	109	GEO_Eqn_6.12b_nls05	5400	-6.0	-16.0	0.2	50.0	0.3	336.0
B397	109	GEO_Eqn_6.12b_nls05	5760	-6.0	-7.0	0.2	50.0	0.2	340.0
B397	109	GEO_Eqn_6.12b_nls05	6120	-6.0	2.0	0.2	50.0	0.2	341.0
B397	109	GEO_Eqn_6.12b_nls05	6480	-6.0	12.0	0.2	50.0	0.1	339.0
B397	109	GEO_Eqn_6.12b_nls05	6480	-1.0	57.0	-0.1	10.0	-0.2	338.0
B397	109	GEO_Eqn_6.12b_nls05	6840	-1.0	66.0	-0.1	10.0	-0.2	316.0
B397	109	GEO_Eqn_6.12b_nls05	7200	-1.0	75.0	-0.1	10.0	-0.1	291.0
B397	109	GEO_Eqn_6.12b_nls05	7560	-1.0	85.0	-0.1	10.0	-0.1	262.0
B397	109	GEO_Eqn_6.12b_nls05	7560	1.0	129.0	-0.2	-29.0	-0.2	262.0
B397	109	GEO_Eqn_6.12b_nls05	7920	1.0	139.0	-0.2	-29.0	-0.1	214.0
B397	109	GEO_Eqn_6.12b_nls05	8280	1.0	148.0	-0.2	-29.0	-0.1	162.0
B397	109	GEO_Eqn_6.12b_nls05	8640	1.0	157.0	-0.2	-29.0	0.0	107.0
B397	109	GEO_Eqn_6.12b_nls05	8640	2.0	201.0	-0.1	-66.0	-0.1	106.0
B397	109	GEO_Eqn_6.12b_nls05	9000	2.0	210.0	-0.1	-66.0	0.0	32.0
B397	109	GEO_Eqn_6.12b_nls05	9360	2.0	219.0	-0.2	-66.0	0.0	-45.0
B397	109	GEO_Eqn_6.12b_nls05	9720	2.0	228.0	-0.2	-66.0	0.1	-125.0
B397	109	GEO_Eqn_6.12b_nls05	9720	3.0	269.0	-0.1	-100.0	0.0	-128.0
B397	109	GEO_Eqn_6.12b_nls05	10080	3.0	278.0	-0.1	-100.0	0.0	-226.0
B397	109	GEO_Eqn_6.12b_nls05	10440	3.0	287.0	-0.1	-100.0	0.1	-328.0
B397	109	GEO_Eqn_6.12b_nls05	10800	3.0	297.0	-0.2	-100.0	0.1	-433.0
B397	109	GEO_Eqn_6.12b_nls05	10800	0.0	-62.0	0.0	174.0	0.0	-380.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls05	11000	0.0	-57.0	0.0	174.0	0.0	-368.0
B397	109	GEO_Eqn_6.12b_nls05	11000	-0.1	-114.0	0.1	160.0	0.1	-371.0
B397	109	GEO_Eqn_6.12b_nls05	11425	-0.1	-103.0	0.1	160.0	0.0	-325.0
B397	109	GEO_Eqn_6.12b_nls05	11850	-0.1	-92.0	0.1	160.0	0.0	-283.0
B397	109	GEO_Eqn_6.12b_nls05	11850	0.1	-71.0	-0.3	145.0	-0.2	-283.0
B397	109	GEO_Eqn_6.12b_nls05	12275	0.1	-60.0	-0.3	145.0	-0.1	-255.0
B397	109	GEO_Eqn_6.12b_nls05	12700	0.1	-49.0	-0.3	145.0	0.1	-232.0
B397	109	GEO_Eqn_6.12b_nls05	12700	53.0	-94.0	5.0	121.0	6.0	-226.0
B397	109	GEO_Eqn_6.12b_nls05	12991.67	53.0	-86.0	5.0	121.0	5.0	-200.0
B397	109	GEO_Eqn_6.12b_nls05	13283.33	53.0	-79.0	5.0	121.0	3.0	-176.0
B397	109	GEO_Eqn_6.12b_nls05	13283.33	29.0	-108.0	3.0	118.0	0.5	-168.0
B397	109	GEO_Eqn_6.12b_nls05	13575	29.0	-100.0	3.0	118.0	-0.2	-138.0
B397	109	GEO_Eqn_6.12b_nls05	13866.67	29.0	-93.0	3.0	118.0	-1.0	-110.0
B397	109	GEO_Eqn_6.12b_nls05	13866.67	8.0	-64.0	2.0	85.0	-2.0	-105.0
B397	109	GEO_Eqn_6.12b_nls05	14158.33	8.0	-57.0	2.0	85.0	-3.0	-87.0
B397	109	GEO_Eqn_6.12b_nls05	14450	8.0	-49.0	2.0	85.0	-3.0	-72.0
B397	109	GEO_Eqn_6.12b_nls05	14450	-7.0	-52.0	1.0	83.0	-4.0	-68.0
B397	109	GEO_Eqn_6.12b_nls05	14741.67	-7.0	-45.0	1.0	83.0	-5.0	-54.0
B397	109	GEO_Eqn_6.12b_nls05	15033.33	-7.0	-37.0	1.0	83.0	-5.0	-42.0
B397	109	GEO_Eqn_6.12b_nls05	15033.33	-28.0	-52.0	-4.0	50.0	-5.0	-40.0
B397	109	GEO_Eqn_6.12b_nls05	15325	-28.0	-45.0	-4.0	50.0	-4.0	-26.0
B397	109	GEO_Eqn_6.12b_nls05	15616.67	-28.0	-38.0	-4.0	50.0	-3.0	-14.0
B397	109	GEO_Eqn_6.12b_nls05	15616.67	-56.0	-139.0	-13.0	45.0	3.0	-7.0
B397	109	GEO_Eqn_6.12b_nls05	15908.33	-56.0	-132.0	-13.0	45.0	7.0	32.0
B397	109	GEO_Eqn_6.12b_nls05	16200	-56.0	-124.0	-13.0	45.0	11.0	69.0
B397	109	GEO_Eqn_6.12b_nls06	0	-439.0	44.0	14.0	62.0	9.0	98.0
B397	109	GEO_Eqn_6.12b_nls06	300	-439.0	52.0	14.0	62.0	5.0	84.0
B397	109	GEO_Eqn_6.12b_nls06	600	-439.0	59.0	14.0	62.0	1.0	67.0
B397	109	GEO_Eqn_6.12b_nls06	600	-293.0	6.0	5.0	54.0	-1.0	59.0
B397	109	GEO_Eqn_6.12b_nls06	1080	-293.0	18.0	5.0	54.0	-4.0	53.0
B397	109	GEO_Eqn_6.12b_nls06	1080	-294.0	2.0	0.2	37.0	-3.0	49.0
B397	109	GEO_Eqn_6.12b_nls06	1200	-294.0	5.0	0.2	37.0	-3.0	48.0
B397	109	GEO_Eqn_6.12b_nls06	1200	-178.0	10.0	1.0	27.0	-3.0	40.0
B397	109	GEO_Eqn_6.12b_nls06	1500	-178.0	18.0	1.0	27.0	-3.0	36.0
B397	109	GEO_Eqn_6.12b_nls06	1800	-178.0	25.0	1.0	27.0	-4.0	30.0
B397	109	GEO_Eqn_6.12b_nls06	1800	-73.0	3.0	-0.1	19.0	-4.0	24.0
B397	109	GEO_Eqn_6.12b_nls06	2160	-73.0	13.0	-0.1	19.0	-4.0	21.0
B397	109	GEO_Eqn_6.12b_nls06	2160	-74.0	13.0	-0.1	-3.0	-2.0	14.0
B397	109	GEO_Eqn_6.12b_nls06	2400	-74.0	19.0	-0.1	-3.0	-2.0	10.0
B397	109	GEO_Eqn_6.12b_nls06	2400	17.0	53.0	-1.0	-12.0	-1.0	-1.0
B397	109	GEO_Eqn_6.12b_nls06	2700	17.0	61.0	-1.0	-12.0	-1.0	-18.0
B397	109	GEO_Eqn_6.12b_nls06	3000	17.0	68.0	-1.0	-12.0	-1.0	-37.0
B397	109	GEO_Eqn_6.12b_nls06	3000	102.0	25.0	-0.3	-22.0	-0.1	-46.0
B397	109	GEO_Eqn_6.12b_nls06	3240	102.0	31.0	-0.3	-22.0	0.0	-53.0
B397	109	GEO_Eqn_6.12b_nls06	3240	106.0	66.0	0.0	-49.0	2.0	-77.0
B397	109	GEO_Eqn_6.12b_nls06	3600	106.0	75.0	0.0	-49.0	2.0	-103.0
B397	109	GEO_Eqn_6.12b_nls06	3600	187.0	147.0	-0.3	-55.0	2.0	-121.0
B397	109	GEO_Eqn_6.12b_nls06	3900	187.0	154.0	-0.3	-55.0	2.0	-166.0
B397	109	GEO_Eqn_6.12b_nls06	4200	187.0	162.0	-0.3	-55.0	2.0	-214.0
B397	109	GEO_Eqn_6.12b_nls06	4200	274.0	16.0	0.0	-69.0	2.0	-220.0
B397	109	GEO_Eqn_6.12b_nls06	4320	274.0	19.0	0.0	-69.0	2.0	-222.0
B397	109	GEO_Eqn_6.12b_nls06	4320	289.0	149.0	2.0	-98.0	2.0	-259.0
B397	109	GEO_Eqn_6.12b_nls06	4800	289.0	162.0	2.0	-98.0	1.0	-333.0
B397	109	GEO_Eqn_6.12b_nls06	4800	389.0	61.0	1.0	-103.0	-0.2	-355.0
B397	109	GEO_Eqn_6.12b_nls06	5100	389.0	69.0	1.0	-103.0	-1.0	-374.0
B397	109	GEO_Eqn_6.12b_nls06	5400	389.0	76.0	1.0	-103.0	-1.0	-396.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls06	5400	-7.0	-319.0	0.1	133.0	0.4	-477.0
B397	109	GEO_Eqn_6.12b_nls06	5760	-7.0	-310.0	0.1	133.0	0.3	-364.0
B397	109	GEO_Eqn_6.12b_nls06	6120	-7.0	-301.0	0.1	133.0	0.3	-254.0
B397	109	GEO_Eqn_6.12b_nls06	6480	-7.0	-291.0	0.1	133.0	0.3	-147.0
B397	109	GEO_Eqn_6.12b_nls06	6480	-1.0	-244.0	-0.1	90.0	-0.3	-147.0
B397	109	GEO_Eqn_6.12b_nls06	6840	-1.0	-235.0	-0.1	90.0	-0.2	-61.0
B397	109	GEO_Eqn_6.12b_nls06	7200	-1.0	-226.0	-0.1	90.0	-0.2	22.0
B397	109	GEO_Eqn_6.12b_nls06	7560	-1.0	-216.0	-0.1	90.0	-0.2	102.0
B397	109	GEO_Eqn_6.12b_nls06	7560	2.0	-171.0	-0.2	50.0	-0.3	102.0
B397	109	GEO_Eqn_6.12b_nls06	7920	2.0	-161.0	-0.2	50.0	-0.2	162.0
B397	109	GEO_Eqn_6.12b_nls06	8280	2.0	-152.0	-0.2	50.0	-0.2	218.0
B397	109	GEO_Eqn_6.12b_nls06	8640	2.0	-143.0	-0.2	50.0	-0.1	271.0
B397	109	GEO_Eqn_6.12b_nls06	8640	3.0	-99.0	-0.1	12.0	-0.2	271.0
B397	109	GEO_Eqn_6.12b_nls06	9000	3.0	-90.0	-0.1	12.0	-0.2	305.0
B397	109	GEO_Eqn_6.12b_nls06	9360	3.0	-81.0	-0.1	12.0	-0.1	336.0
B397	109	GEO_Eqn_6.12b_nls06	9720	3.0	-71.0	-0.1	12.0	-0.1	363.0
B397	109	GEO_Eqn_6.12b_nls06	9720	3.0	-32.0	-0.5	-20.0	-0.1	362.0
B397	109	GEO_Eqn_6.12b_nls06	10080	3.0	-23.0	-0.5	-20.0	0.1	372.0
B397	109	GEO_Eqn_6.12b_nls06	10440	3.0	-13.0	-0.5	-20.0	0.3	378.0
B397	109	GEO_Eqn_6.12b_nls06	10800	3.0	-4.0	-0.5	-20.0	0.5	381.0
B397	109	GEO_Eqn_6.12b_nls06	10800	0.0	125.0	0.0	109.0	0.0	380.0
B397	109	GEO_Eqn_6.12b_nls06	11000	0.0	130.0	0.0	109.0	0.0	354.0
B397	109	GEO_Eqn_6.12b_nls06	11000	2.0	159.0	1.0	98.0	0.4	353.0
B397	109	GEO_Eqn_6.12b_nls06	11425	2.0	170.0	1.0	98.0	-0.1	283.0
B397	109	GEO_Eqn_6.12b_nls06	11850	2.0	181.0	1.0	98.0	-0.5	209.0
B397	109	GEO_Eqn_6.12b_nls06	11850	-2.0	201.0	-1.0	85.0	-0.3	208.0
B397	109	GEO_Eqn_6.12b_nls06	12275	-2.0	212.0	-1.0	85.0	0.1	121.0
B397	109	GEO_Eqn_6.12b_nls06	12700	-2.0	222.0	-1.0	85.0	0.4	28.0
B397	109	GEO_Eqn_6.12b_nls06	12700	196.0	106.0	4.0	64.0	6.0	28.0
B397	109	GEO_Eqn_6.12b_nls06	12991.67	196.0	113.0	4.0	64.0	4.0	-4.0
B397	109	GEO_Eqn_6.12b_nls06	13283.33	196.0	121.0	4.0	64.0	3.0	-38.0
B397	109	GEO_Eqn_6.12b_nls06	13283.33	130.0	33.0	2.0	61.0	1.0	-39.0
B397	109	GEO_Eqn_6.12b_nls06	13575	130.0	41.0	2.0	61.0	0.5	-50.0
B397	109	GEO_Eqn_6.12b_nls06	13866.67	130.0	48.0	2.0	61.0	-0.1	-63.0
B397	109	GEO_Eqn_6.12b_nls06	13866.67	39.0	36.0	2.0	31.0	-2.0	-59.0
B397	109	GEO_Eqn_6.12b_nls06	14158.33	39.0	44.0	2.0	31.0	-2.0	-71.0
B397	109	GEO_Eqn_6.12b_nls06	14450	39.0	51.0	2.0	31.0	-3.0	-85.0
B397	109	GEO_Eqn_6.12b_nls06	14450	-40.0	17.0	1.0	29.0	-4.0	-83.0
B397	109	GEO_Eqn_6.12b_nls06	14741.67	-40.0	24.0	1.0	29.0	-5.0	-89.0
B397	109	GEO_Eqn_6.12b_nls06	15033.33	-40.0	32.0	1.0	29.0	-5.0	-97.0
B397	109	GEO_Eqn_6.12b_nls06	15033.33	-126.0	-25.0	-4.0	-5.0	-6.0	-94.0
B397	109	GEO_Eqn_6.12b_nls06	15325	-126.0	-17.0	-4.0	-5.0	-5.0	-88.0
B397	109	GEO_Eqn_6.12b_nls06	15616.67	-126.0	-10.0	-4.0	-5.0	-4.0	-84.0
B397	109	GEO_Eqn_6.12b_nls06	15616.67	-199.0	-171.0	-14.0	-11.0	3.0	-75.0
B397	109	GEO_Eqn_6.12b_nls06	15908.33	-199.0	-164.0	-14.0	-11.0	7.0	-27.0
B397	109	GEO_Eqn_6.12b_nls06	16200	-199.0	-156.0	-14.0	-11.0	11.0	20.0
B397	109	GEO_Eqn_6.12b_nls07	0	69.0	-631.0	-14.0	52.0	-12.0	-38.0
B397	109	GEO_Eqn_6.12b_nls07	300	69.0	-624.0	-14.0	52.0	-7.0	151.0
B397	109	GEO_Eqn_6.12b_nls07	600	69.0	-616.0	-14.0	52.0	-3.0	337.0
B397	109	GEO_Eqn_6.12b_nls07	600	139.0	-136.0	-5.0	57.0	-1.0	353.0
B397	109	GEO_Eqn_6.12b_nls07	1080	139.0	-124.0	-5.0	57.0	1.0	415.0
B397	109	GEO_Eqn_6.12b_nls07	1080	153.0	-17.0	-0.4	57.0	2.0	442.0
B397	109	GEO_Eqn_6.12b_nls07	1200	153.0	-14.0	-0.4	57.0	2.0	444.0
B397	109	GEO_Eqn_6.12b_nls07	1200	195.0	-11.0	-2.0	60.0	3.0	439.0
B397	109	GEO_Eqn_6.12b_nls07	1500	195.0	-4.0	-2.0	60.0	3.0	442.0
B397	109	GEO_Eqn_6.12b_nls07	1800	195.0	4.0	-2.0	60.0	4.0	442.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls07	1800	190.0	-7.0	0.0	61.0	5.0	442.0
B397	109	GEO_Eqn_6.12b_nls07	2160	190.0	2.0	0.0	61.0	5.0	443.0
B397	109	GEO_Eqn_6.12b_nls07	2160	195.0	6.0	-0.2	55.0	4.0	440.0
B397	109	GEO_Eqn_6.12b_nls07	2400	195.0	12.0	-0.2	55.0	4.0	438.0
B397	109	GEO_Eqn_6.12b_nls07	2400	155.0	-38.0	1.0	55.0	4.0	437.0
B397	109	GEO_Eqn_6.12b_nls07	2700	155.0	-30.0	1.0	55.0	4.0	448.0
B397	109	GEO_Eqn_6.12b_nls07	3000	155.0	-23.0	1.0	55.0	4.0	455.0
B397	109	GEO_Eqn_6.12b_nls07	3000	70.0	-34.0	0.5	53.0	3.0	468.0
B397	109	GEO_Eqn_6.12b_nls07	3240	70.0	-28.0	0.5	53.0	3.0	475.0
B397	109	GEO_Eqn_6.12b_nls07	3240	60.0	-36.0	0.1	42.0	1.0	492.0
B397	109	GEO_Eqn_6.12b_nls07	3600	60.0	-27.0	0.1	42.0	1.0	503.0
B397	109	GEO_Eqn_6.12b_nls07	3600	-64.0	-76.0	2.0	42.0	0.5	516.0
B397	109	GEO_Eqn_6.12b_nls07	3900	-64.0	-68.0	2.0	42.0	0.0	537.0
B397	109	GEO_Eqn_6.12b_nls07	4200	-64.0	-60.0	2.0	42.0	-1.0	556.0
B397	109	GEO_Eqn_6.12b_nls07	4200	-237.0	6.0	0.2	38.0	-1.0	571.0
B397	109	GEO_Eqn_6.12b_nls07	4320	-237.0	9.0	0.2	38.0	-1.0	570.0
B397	109	GEO_Eqn_6.12b_nls07	4320	-273.0	83.0	-0.2	26.0	-2.0	556.0
B397	109	GEO_Eqn_6.12b_nls07	4800	-273.0	95.0	-0.2	26.0	-2.0	513.0
B397	109	GEO_Eqn_6.12b_nls07	4800	-487.0	594.0	3.0	26.0	-3.0	501.0
B397	109	GEO_Eqn_6.12b_nls07	5100	-487.0	602.0	3.0	26.0	-4.0	321.0
B397	109	GEO_Eqn_6.12b_nls07	5400	-487.0	609.0	3.0	26.0	-5.0	140.0
B397	109	GEO_Eqn_6.12b_nls07	5400	7.0	72.0	-0.4	15.0	-1.0	225.0
B397	109	GEO_Eqn_6.12b_nls07	5760	7.0	81.0	-0.4	15.0	-0.4	197.0
B397	109	GEO_Eqn_6.12b_nls07	6120	7.0	91.0	-0.4	15.0	-0.2	166.0
B397	109	GEO_Eqn_6.12b_nls07	6480	7.0	100.0	-0.4	15.0	-0.1	132.0
B397	109	GEO_Eqn_6.12b_nls07	6480	1.0	145.0	0.2	-21.0	0.4	131.0
B397	109	GEO_Eqn_6.12b_nls07	6840	1.0	154.0	0.2	-21.0	0.3	78.0
B397	109	GEO_Eqn_6.12b_nls07	7200	1.0	163.0	0.2	-21.0	0.2	21.0
B397	109	GEO_Eqn_6.12b_nls07	7560	1.0	172.0	0.2	-21.0	0.2	-40.0
B397	109	GEO_Eqn_6.12b_nls07	7560	-1.0	217.0	0.2	-57.0	0.3	-40.0
B397	109	GEO_Eqn_6.12b_nls07	7920	-1.0	226.0	0.2	-57.0	0.2	-120.0
B397	109	GEO_Eqn_6.12b_nls07	8280	-1.0	235.0	0.2	-57.0	0.1	-203.0
B397	109	GEO_Eqn_6.12b_nls07	8640	-1.0	245.0	0.2	-57.0	0.0	-289.0
B397	109	GEO_Eqn_6.12b_nls07	8640	-3.0	288.0	0.1	-91.0	0.1	-290.0
B397	109	GEO_Eqn_6.12b_nls07	9000	-3.0	298.0	0.1	-91.0	0.1	-396.0
B397	109	GEO_Eqn_6.12b_nls07	9360	-3.0	307.0	0.1	-91.0	0.0	-505.0
B397	109	GEO_Eqn_6.12b_nls07	9720	-3.0	316.0	0.1	-91.0	0.0	-617.0
B397	109	GEO_Eqn_6.12b_nls07	9720	-4.0	357.0	0.3	-121.0	0.0	-619.0
B397	109	GEO_Eqn_6.12b_nls07	10080	-4.0	366.0	0.3	-121.0	-0.1	-749.0
B397	109	GEO_Eqn_6.12b_nls07	10440	-4.0	375.0	0.3	-121.0	-0.2	-883.0
B397	109	GEO_Eqn_6.12b_nls07	10800	-4.0	384.0	0.3	-121.0	-0.3	-1019.0
B397	109	GEO_Eqn_6.12b_nls07	10800	0.0	-689.0	0.0	-104.0	0.0	-1015.0
B397	109	GEO_Eqn_6.12b_nls07	11000	0.0	-684.0	0.0	-104.0	0.0	-877.0
B397	109	GEO_Eqn_6.12b_nls07	11000	0.4	-685.0	-0.3	-113.0	-0.1	-871.0
B397	109	GEO_Eqn_6.12b_nls07	11425	0.4	-674.0	-0.3	-113.0	0.0	-583.0
B397	109	GEO_Eqn_6.12b_nls07	11850	0.4	-663.0	-0.3	-113.0	0.1	-298.0
B397	109	GEO_Eqn_6.12b_nls07	11850	-0.4	-644.0	0.3	-123.0	0.1	-296.0
B397	109	GEO_Eqn_6.12b_nls07	12275	-0.4	-634.0	0.3	-123.0	0.0	-25.0
B397	109	GEO_Eqn_6.12b_nls07	12700	-0.4	-623.0	0.3	-123.0	-0.1	242.0
B397	109	GEO_Eqn_6.12b_nls07	12700	-96.0	-287.0	-7.0	-116.0	-8.0	245.0
B397	109	GEO_Eqn_6.12b_nls07	12991.67	-96.0	-280.0	-7.0	-116.0	-7.0	328.0
B397	109	GEO_Eqn_6.12b_nls07	13283.33	-96.0	-272.0	-7.0	-116.0	-5.0	408.0
B397	109	GEO_Eqn_6.12b_nls07	13283.33	-9.0	-94.0	-3.0	-112.0	-1.0	414.0
B397	109	GEO_Eqn_6.12b_nls07	13575	-9.0	-86.0	-3.0	-112.0	0.4	440.0
B397	109	GEO_Eqn_6.12b_nls07	13866.67	-9.0	-79.0	-3.0	-112.0	1.0	464.0
B397	109	GEO_Eqn_6.12b_nls07	13866.67	59.0	-18.0	-3.0	-89.0	2.0	462.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls07	14158.33	59.0	-10.0	-3.0	-89.0	3.0	466.0
B397	109	GEO_Eqn_6.12b_nls07	14450	59.0	-3.0	-3.0	-89.0	4.0	468.0
B397	109	GEO_Eqn_6.12b_nls07	14450	67.0	42.0	-1.0	-86.0	6.0	467.0
B397	109	GEO_Eqn_6.12b_nls07	14741.67	67.0	50.0	-1.0	-86.0	6.0	453.0
B397	109	GEO_Eqn_6.12b_nls07	15033.33	67.0	57.0	-1.0	-86.0	6.0	438.0
B397	109	GEO_Eqn_6.12b_nls07	15033.33	18.0	238.0	5.0	-52.0	8.0	438.0
B397	109	GEO_Eqn_6.12b_nls07	15325	18.0	245.0	5.0	-52.0	7.0	368.0
B397	109	GEO_Eqn_6.12b_nls07	15616.67	18.0	253.0	5.0	-52.0	5.0	295.0
B397	109	GEO_Eqn_6.12b_nls07	15616.67	-39.0	695.0	19.0	-44.0	-4.0	271.0
B397	109	GEO_Eqn_6.12b_nls07	15908.33	-39.0	703.0	19.0	-44.0	-10.0	67.0
B397	109	GEO_Eqn_6.12b_nls07	16200	-39.0	710.0	19.0	-44.0	-15.0	-139.0
B397	109	GEO_Eqn_6.12b_nls08	0	-16.0	-688.0	-14.0	14.0	-11.0	21.0
B397	109	GEO_Eqn_6.12b_nls08	300	-16.0	-680.0	-14.0	14.0	-7.0	226.0
B397	109	GEO_Eqn_6.12b_nls08	600	-16.0	-672.0	-14.0	14.0	-3.0	429.0
B397	109	GEO_Eqn_6.12b_nls08	600	81.0	-117.0	-5.0	19.0	-1.0	443.0
B397	109	GEO_Eqn_6.12b_nls08	1080	81.0	-105.0	-5.0	19.0	1.0	496.0
B397	109	GEO_Eqn_6.12b_nls08	1080	95.0	-14.0	-0.3	19.0	2.0	518.0
B397	109	GEO_Eqn_6.12b_nls08	1200	95.0	-11.0	-0.3	19.0	2.0	520.0
B397	109	GEO_Eqn_6.12b_nls08	1200	154.0	48.0	-2.0	23.0	3.0	513.0
B397	109	GEO_Eqn_6.12b_nls08	1500	154.0	56.0	-2.0	23.0	3.0	497.0
B397	109	GEO_Eqn_6.12b_nls08	1800	154.0	63.0	-2.0	23.0	4.0	480.0
B397	109	GEO_Eqn_6.12b_nls08	1800	160.0	41.0	0.1	23.0	4.0	472.0
B397	109	GEO_Eqn_6.12b_nls08	2160	160.0	51.0	0.1	23.0	4.0	456.0
B397	109	GEO_Eqn_6.12b_nls08	2160	162.0	35.0	-0.2	17.0	4.0	433.0
B397	109	GEO_Eqn_6.12b_nls08	2400	162.0	41.0	-0.2	17.0	4.0	424.0
B397	109	GEO_Eqn_6.12b_nls08	2400	130.0	86.0	1.0	17.0	4.0	416.0
B397	109	GEO_Eqn_6.12b_nls08	2700	130.0	94.0	1.0	17.0	4.0	389.0
B397	109	GEO_Eqn_6.12b_nls08	3000	130.0	101.0	1.0	17.0	3.0	360.0
B397	109	GEO_Eqn_6.12b_nls08	3000	57.0	25.0	1.0	14.0	3.0	358.0
B397	109	GEO_Eqn_6.12b_nls08	3240	57.0	31.0	1.0	14.0	3.0	352.0
B397	109	GEO_Eqn_6.12b_nls08	3240	46.0	65.0	0.1	2.0	1.0	328.0
B397	109	GEO_Eqn_6.12b_nls08	3600	46.0	74.0	0.1	2.0	1.0	303.0
B397	109	GEO_Eqn_6.12b_nls08	3600	-54.0	177.0	2.0	2.0	1.0	294.0
B397	109	GEO_Eqn_6.12b_nls08	3900	-54.0	185.0	2.0	2.0	0.2	240.0
B397	109	GEO_Eqn_6.12b_nls08	4200	-54.0	193.0	2.0	2.0	-0.4	183.0
B397	109	GEO_Eqn_6.12b_nls08	4200	-173.0	39.0	0.2	-4.0	-1.0	189.0
B397	109	GEO_Eqn_6.12b_nls08	4320	-173.0	42.0	0.2	-4.0	-1.0	184.0
B397	109	GEO_Eqn_6.12b_nls08	4320	-198.0	328.0	1.0	-18.0	-2.0	108.0
B397	109	GEO_Eqn_6.12b_nls08	4800	-198.0	341.0	1.0	-18.0	-2.0	-52.0
B397	109	GEO_Eqn_6.12b_nls08	4800	-316.0	848.0	3.0	-18.0	-4.0	-99.0
B397	109	GEO_Eqn_6.12b_nls08	5100	-316.0	856.0	3.0	-18.0	-4.0	-355.0
B397	109	GEO_Eqn_6.12b_nls08	5400	-316.0	863.0	3.0	-18.0	-5.0	-613.0
B397	109	GEO_Eqn_6.12b_nls08	5400	6.0	-236.0	-0.4	97.0	-0.4	-607.0
B397	109	GEO_Eqn_6.12b_nls08	5760	6.0	-227.0	-0.4	97.0	-0.3	-524.0
B397	109	GEO_Eqn_6.12b_nls08	6120	6.0	-218.0	-0.4	97.0	-0.1	-444.0
B397	109	GEO_Eqn_6.12b_nls08	6480	6.0	-208.0	-0.4	97.0	0.0	-367.0
B397	109	GEO_Eqn_6.12b_nls08	6480	1.0	-161.0	0.3	57.0	0.4	-367.0
B397	109	GEO_Eqn_6.12b_nls08	6840	1.0	-152.0	0.3	57.0	0.3	-310.0
B397	109	GEO_Eqn_6.12b_nls08	7200	1.0	-143.0	0.3	57.0	0.2	-257.0
B397	109	GEO_Eqn_6.12b_nls08	7560	1.0	-134.0	0.2	57.0	0.1	-208.0
B397	109	GEO_Eqn_6.12b_nls08	7560	-1.0	-88.0	0.3	20.0	0.2	-207.0
B397	109	GEO_Eqn_6.12b_nls08	7920	-1.0	-79.0	0.3	20.0	0.1	-177.0
B397	109	GEO_Eqn_6.12b_nls08	8280	-1.0	-70.0	0.3	20.0	0.0	-151.0
B397	109	GEO_Eqn_6.12b_nls08	8640	-1.0	-60.0	0.3	20.0	-0.1	-127.0
B397	109	GEO_Eqn_6.12b_nls08	8640	-2.0	-17.0	0.2	-15.0	0.0	-128.0
B397	109	GEO_Eqn_6.12b_nls08	9000	-2.0	-7.0	0.2	-15.0	-0.1	-123.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls08	9360	-2.0	2.0	0.2	-15.0	-0.1	-122.0
B397	109	GEO_Eqn_6.12b_nls08	9720	-2.0	11.0	0.2	-15.0	-0.2	-125.0
B397	109	GEO_Eqn_6.12b_nls08	9720	-4.0	51.0	-0.1	-43.0	0.0	-126.0
B397	109	GEO_Eqn_6.12b_nls08	10080	-4.0	60.0	-0.1	-43.0	0.0	-146.0
B397	109	GEO_Eqn_6.12b_nls08	10440	-4.0	69.0	-0.1	-43.0	0.0	-169.0
B397	109	GEO_Eqn_6.12b_nls08	10800	-4.0	78.0	-0.1	-43.0	0.0	-196.0
B397	109	GEO_Eqn_6.12b_nls08	10800	0.0	-505.0	0.0	-176.0	0.0	-246.0
B397	109	GEO_Eqn_6.12b_nls08	11000	0.0	-499.0	0.0	-176.0	0.0	-146.0
B397	109	GEO_Eqn_6.12b_nls08	11000	2.0	-411.0	1.0	-184.0	0.2	-139.0
B397	109	GEO_Eqn_6.12b_nls08	11425	2.0	-400.0	1.0	-184.0	-0.1	33.0
B397	109	GEO_Eqn_6.12b_nls08	11850	2.0	-389.0	1.0	-184.0	-0.5	201.0
B397	109	GEO_Eqn_6.12b_nls08	11850	-2.0	-371.0	-0.4	-191.0	0.0	202.0
B397	109	GEO_Eqn_6.12b_nls08	12275	-2.0	-360.0	-0.4	-191.0	0.1	357.0
B397	109	GEO_Eqn_6.12b_nls08	12700	-2.0	-349.0	-0.4	-191.0	0.3	508.0
B397	109	GEO_Eqn_6.12b_nls08	12700	52.0	-85.0	-8.0	-180.0	-9.0	505.0
B397	109	GEO_Eqn_6.12b_nls08	12991.67	52.0	-78.0	-8.0	-180.0	-7.0	529.0
B397	109	GEO_Eqn_6.12b_nls08	13283.33	52.0	-70.0	-8.0	-180.0	-5.0	550.0
B397	109	GEO_Eqn_6.12b_nls08	13283.33	95.0	50.0	-4.0	-176.0	-0.1	547.0
B397	109	GEO_Eqn_6.12b_nls08	13575	95.0	58.0	-4.0	-176.0	1.0	531.0
B397	109	GEO_Eqn_6.12b_nls08	13866.67	95.0	65.0	-4.0	-176.0	2.0	514.0
B397	109	GEO_Eqn_6.12b_nls08	13866.67	91.0	86.0	-3.0	-150.0	3.0	510.0
B397	109	GEO_Eqn_6.12b_nls08	14158.33	91.0	93.0	-3.0	-150.0	4.0	484.0
B397	109	GEO_Eqn_6.12b_nls08	14450	91.0	101.0	-3.0	-150.0	4.0	456.0
B397	109	GEO_Eqn_6.12b_nls08	14450	33.0	113.0	-1.0	-146.0	6.0	453.0
B397	109	GEO_Eqn_6.12b_nls08	14741.67	33.0	121.0	-1.0	-146.0	6.0	419.0
B397	109	GEO_Eqn_6.12b_nls08	15033.33	33.0	128.0	-1.0	-146.0	6.0	382.0
B397	109	GEO_Eqn_6.12b_nls08	15033.33	-84.0	265.0	5.0	-113.0	7.0	384.0
B397	109	GEO_Eqn_6.12b_nls08	15325	-84.0	272.0	5.0	-113.0	6.0	305.0
B397	109	GEO_Eqn_6.12b_nls08	15616.67	-84.0	280.0	5.0	-113.0	4.0	225.0
B397	109	GEO_Eqn_6.12b_nls08	15616.67	-187.0	658.0	18.0	-106.0	-4.0	203.0
B397	109	GEO_Eqn_6.12b_nls08	15908.33	-187.0	666.0	18.0	-106.0	-9.0	10.0
B397	109	GEO_Eqn_6.12b_nls08	16200	-187.0	673.0	18.0	-106.0	-15.0	-185.0
B397	109	GEO_Eqn_6.12b_nls09	0	-65.0	-84.0	2.0	112.0	1.0	-55.0
B397	109	GEO_Eqn_6.12b_nls09	300	-65.0	-76.0	2.0	112.0	0.0	-30.0
B397	109	GEO_Eqn_6.12b_nls09	600	-65.0	-69.0	2.0	112.0	-1.0	-9.0
B397	109	GEO_Eqn_6.12b_nls09	600	-15.0	-74.0	0.5	109.0	-1.0	-5.0
B397	109	GEO_Eqn_6.12b_nls09	1080	-15.0	-62.0	0.5	109.0	-1.0	28.0
B397	109	GEO_Eqn_6.12b_nls09	1080	-9.0	-9.0	0.0	99.0	-1.0	42.0
B397	109	GEO_Eqn_6.12b_nls09	1200	-9.0	-6.0	0.0	99.0	-1.0	43.0
B397	109	GEO_Eqn_6.12b_nls09	1200	36.0	-101.0	-1.0	94.0	-1.0	41.0
B397	109	GEO_Eqn_6.12b_nls09	1500	36.0	-94.0	-1.0	94.0	-1.0	70.0
B397	109	GEO_Eqn_6.12b_nls09	1800	36.0	-86.0	-1.0	94.0	-0.3	97.0
B397	109	GEO_Eqn_6.12b_nls09	1800	73.0	-87.0	-0.3	89.0	0.0	108.0
B397	109	GEO_Eqn_6.12b_nls09	2160	73.0	-77.0	-0.3	89.0	0.1	138.0
B397	109	GEO_Eqn_6.12b_nls09	2160	79.0	-40.0	-0.2	74.0	0.4	166.0
B397	109	GEO_Eqn_6.12b_nls09	2400	79.0	-34.0	-0.2	74.0	0.5	175.0
B397	109	GEO_Eqn_6.12b_nls09	2400	104.0	-202.0	-1.0	69.0	1.0	183.0
B397	109	GEO_Eqn_6.12b_nls09	2700	104.0	-194.0	-1.0	69.0	1.0	242.0
B397	109	GEO_Eqn_6.12b_nls09	3000	104.0	-186.0	-1.0	69.0	1.0	299.0
B397	109	GEO_Eqn_6.12b_nls09	3000	101.0	-102.0	0.0	63.0	1.0	322.0
B397	109	GEO_Eqn_6.12b_nls09	3240	101.0	-95.0	0.0	63.0	1.0	346.0
B397	109	GEO_Eqn_6.12b_nls09	3240	102.0	-150.0	-0.1	45.0	1.0	408.0
B397	109	GEO_Eqn_6.12b_nls09	3600	102.0	-141.0	-0.1	45.0	1.0	460.0
B397	109	GEO_Eqn_6.12b_nls09	3600	65.0	-380.0	0.2	41.0	1.0	491.0
B397	109	GEO_Eqn_6.12b_nls09	3900	65.0	-373.0	0.2	41.0	1.0	604.0
B397	109	GEO_Eqn_6.12b_nls09	4200	65.0	-365.0	0.2	41.0	1.0	714.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls09	4200	-41.0	-47.0	0.0	33.0	1.0	732.0
B397	109	GEO_Eqn_6.12b_nls09	4320	-41.0	-44.0	0.0	33.0	1.0	737.0
B397	109	GEO_Eqn_6.12b_nls09	4320	-63.0	-306.0	0.0	14.0	0.2	816.0
B397	109	GEO_Eqn_6.12b_nls09	4800	-63.0	-294.0	0.0	14.0	0.2	960.0
B397	109	GEO_Eqn_6.12b_nls09	4800	-245.0	-185.0	3.0	12.0	-1.0	1003.0
B397	109	GEO_Eqn_6.12b_nls09	5100	-245.0	-178.0	3.0	12.0	-2.0	1057.0
B397	109	GEO_Eqn_6.12b_nls09	5400	-245.0	-170.0	3.0	12.0	-2.0	1109.0
B397	109	GEO_Eqn_6.12b_nls09	5400	0.1	359.0	-0.1	-54.0	-0.2	1225.0
B397	109	GEO_Eqn_6.12b_nls09	5760	0.1	368.0	-0.1	-54.0	-0.2	1095.0
B397	109	GEO_Eqn_6.12b_nls09	6120	0.1	377.0	-0.1	-54.0	-0.1	961.0
B397	109	GEO_Eqn_6.12b_nls09	6480	0.1	386.0	-0.1	-54.0	-0.1	823.0
B397	109	GEO_Eqn_6.12b_nls09	6480	-1.0	429.0	-0.1	-88.0	0.0	822.0
B397	109	GEO_Eqn_6.12b_nls09	6840	-1.0	438.0	-0.1	-88.0	0.0	666.0
B397	109	GEO_Eqn_6.12b_nls09	7200	-1.0	447.0	-0.1	-88.0	0.1	507.0
B397	109	GEO_Eqn_6.12b_nls09	7560	-1.0	457.0	-0.1	-88.0	0.1	344.0
B397	109	GEO_Eqn_6.12b_nls09	7560	-1.0	500.0	-0.1	-123.0	0.0	343.0
B397	109	GEO_Eqn_6.12b_nls09	7920	-1.0	509.0	-0.1	-123.0	0.1	161.0
B397	109	GEO_Eqn_6.12b_nls09	8280	-1.0	519.0	-0.1	-123.0	0.1	-24.0
B397	109	GEO_Eqn_6.12b_nls09	8640	-1.0	528.0	-0.1	-123.0	0.2	-212.0
B397	109	GEO_Eqn_6.12b_nls09	8640	0.0	571.0	-0.1	-158.0	0.1	-214.0
B397	109	GEO_Eqn_6.12b_nls09	9000	0.0	580.0	-0.1	-158.0	0.2	-421.0
B397	109	GEO_Eqn_6.12b_nls09	9360	0.0	590.0	-0.1	-158.0	0.2	-632.0
B397	109	GEO_Eqn_6.12b_nls09	9720	0.0	599.0	-0.1	-158.0	0.3	-846.0
B397	109	GEO_Eqn_6.12b_nls09	9720	2.0	640.0	1.0	-192.0	0.1	-849.0
B397	109	GEO_Eqn_6.12b_nls09	10080	2.0	650.0	1.0	-192.0	-0.1	-1081.0
B397	109	GEO_Eqn_6.12b_nls09	10440	2.0	659.0	1.0	-192.0	-0.3	-1316.0
B397	109	GEO_Eqn_6.12b_nls09	10800	2.0	668.0	1.0	-192.0	-1.0	-1555.0
B397	109	GEO_Eqn_6.12b_nls09	10800	0.0	-496.0	0.0	137.0	0.0	-1458.0
B397	109	GEO_Eqn_6.12b_nls09	11000	0.0	-491.0	0.0	137.0	0.0	-1360.0
B397	109	GEO_Eqn_6.12b_nls09	11000	-2.0	-619.0	-2.0	123.0	-1.0	-1360.0
B397	109	GEO_Eqn_6.12b_nls09	11425	-2.0	-608.0	-2.0	123.0	0.2	-1099.0
B397	109	GEO_Eqn_6.12b_nls09	11850	-2.0	-597.0	-2.0	123.0	1.0	-843.0
B397	109	GEO_Eqn_6.12b_nls09	11850	2.0	-576.0	1.0	109.0	0.2	-841.0
B397	109	GEO_Eqn_6.12b_nls09	12275	2.0	-565.0	1.0	109.0	-0.2	-599.0
B397	109	GEO_Eqn_6.12b_nls09	12700	2.0	-554.0	1.0	109.0	-1.0	-361.0
B397	109	GEO_Eqn_6.12b_nls09	12700	-133.0	-395.0	1.0	93.0	1.0	-350.0
B397	109	GEO_Eqn_6.12b_nls09	12991.67	-133.0	-387.0	1.0	93.0	1.0	-236.0
B397	109	GEO_Eqn_6.12b_nls09	13283.33	-133.0	-380.0	1.0	93.0	0.4	-124.0
B397	109	GEO_Eqn_6.12b_nls09	13283.33	-78.0	-273.0	1.0	92.0	-0.4	-106.0
B397	109	GEO_Eqn_6.12b_nls09	13575	-78.0	-266.0	1.0	92.0	-1.0	-27.0
B397	109	GEO_Eqn_6.12b_nls09	13866.67	-78.0	-258.0	1.0	92.0	-1.0	49.0
B397	109	GEO_Eqn_6.12b_nls09	13866.67	0.4	-169.0	-0.2	78.0	-1.0	54.0
B397	109	GEO_Eqn_6.12b_nls09	14158.33	0.4	-161.0	-0.2	78.0	-1.0	102.0
B397	109	GEO_Eqn_6.12b_nls09	14450	0.4	-154.0	-0.2	78.0	-1.0	148.0
B397	109	GEO_Eqn_6.12b_nls09	14450	52.0	-95.0	-0.3	78.0	-1.0	153.0
B397	109	GEO_Eqn_6.12b_nls09	14741.67	52.0	-88.0	-0.3	78.0	-0.4	180.0
B397	109	GEO_Eqn_6.12b_nls09	15033.33	52.0	-80.0	-0.3	78.0	-0.3	205.0
B397	109	GEO_Eqn_6.12b_nls09	15033.33	81.0	35.0	-0.5	72.0	0.5	205.0
B397	109	GEO_Eqn_6.12b_nls09	15325	81.0	43.0	-0.5	72.0	1.0	194.0
B397	109	GEO_Eqn_6.12b_nls09	15616.67	81.0	50.0	-0.5	72.0	1.0	180.0
B397	109	GEO_Eqn_6.12b_nls09	15616.67	78.0	241.0	1.0	72.0	1.0	172.0
B397	109	GEO_Eqn_6.12b_nls09	15908.33	78.0	248.0	1.0	72.0	0.3	101.0
B397	109	GEO_Eqn_6.12b_nls09	16200	78.0	256.0	1.0	72.0	0.0	27.0
B397	109	GEO_Eqn_6.12b_nls10	0	49.0	-292.0	-5.0	106.0	-5.0	-80.0
B397	109	GEO_Eqn_6.12b_nls10	300	49.0	-285.0	-5.0	106.0	-3.0	7.0
B397	109	GEO_Eqn_6.12b_nls10	600	49.0	-277.0	-5.0	106.0	-2.0	91.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls10	600	89.0	-112.0	-2.0	106.0	-1.0	102.0
B397	109	GEO_Eqn_6.12b_nls10	1080	89.0	-99.0	-2.0	106.0	0.1	153.0
B397	109	GEO_Eqn_6.12b_nls10	1080	99.0	-14.0	-0.2	101.0	0.4	175.0
B397	109	GEO_Eqn_6.12b_nls10	1200	99.0	-11.0	-0.2	101.0	0.4	176.0
B397	109	GEO_Eqn_6.12b_nls10	1200	130.0	-95.0	-2.0	100.0	1.0	175.0
B397	109	GEO_Eqn_6.12b_nls10	1500	130.0	-87.0	-2.0	100.0	1.0	202.0
B397	109	GEO_Eqn_6.12b_nls10	1800	130.0	-79.0	-2.0	100.0	2.0	227.0
B397	109	GEO_Eqn_6.12b_nls10	1800	141.0	-79.0	-0.3	98.0	2.0	238.0
B397	109	GEO_Eqn_6.12b_nls10	2160	141.0	-70.0	-0.3	98.0	2.0	265.0
B397	109	GEO_Eqn_6.12b_nls10	2160	148.0	-36.0	-0.2	87.0	2.0	289.0
B397	109	GEO_Eqn_6.12b_nls10	2400	148.0	-30.0	-0.2	87.0	2.0	297.0
B397	109	GEO_Eqn_6.12b_nls10	2400	139.0	-199.0	-0.1	85.0	2.0	306.0
B397	109	GEO_Eqn_6.12b_nls10	2700	139.0	-191.0	-0.1	85.0	2.0	365.0
B397	109	GEO_Eqn_6.12b_nls10	3000	139.0	-183.0	-0.1	85.0	2.0	421.0
B397	109	GEO_Eqn_6.12b_nls10	3000	93.0	-104.0	0.2	80.0	2.0	447.0
B397	109	GEO_Eqn_6.12b_nls10	3240	93.0	-98.0	0.2	80.0	2.0	471.0
B397	109	GEO_Eqn_6.12b_nls10	3240	89.0	-155.0	0.0	66.0	1.0	535.0
B397	109	GEO_Eqn_6.12b_nls10	3600	89.0	-146.0	0.0	66.0	1.0	589.0
B397	109	GEO_Eqn_6.12b_nls10	3600	-0.3	-383.0	1.0	65.0	1.0	623.0
B397	109	GEO_Eqn_6.12b_nls10	3900	-0.3	-375.0	1.0	65.0	0.3	737.0
B397	109	GEO_Eqn_6.12b_nls10	4200	-0.3	-367.0	1.0	65.0	0.0	848.0
B397	109	GEO_Eqn_6.12b_nls10	4200	-167.0	-41.0	0.1	59.0	-0.3	870.0
B397	109	GEO_Eqn_6.12b_nls10	4320	-167.0	-38.0	0.1	59.0	-0.3	875.0
B397	109	GEO_Eqn_6.12b_nls10	4320	-201.0	-264.0	-0.4	44.0	-1.0	944.0
B397	109	GEO_Eqn_6.12b_nls10	4800	-201.0	-252.0	-0.4	44.0	-1.0	1068.0
B397	109	GEO_Eqn_6.12b_nls10	4800	-450.0	35.0	3.0	44.0	-2.0	1105.0
B397	109	GEO_Eqn_6.12b_nls10	5100	-450.0	43.0	3.0	44.0	-3.0	1093.0
B397	109	GEO_Eqn_6.12b_nls10	5400	-450.0	50.0	3.0	44.0	-4.0	1079.0
B397	109	GEO_Eqn_6.12b_nls10	5400	4.0	397.0	-0.3	-66.0	-0.5	1223.0
B397	109	GEO_Eqn_6.12b_nls10	5760	4.0	407.0	-0.3	-66.0	-0.4	1078.0
B397	109	GEO_Eqn_6.12b_nls10	6120	4.0	416.0	-0.3	-66.0	-0.3	930.0
B397	109	GEO_Eqn_6.12b_nls10	6480	4.0	425.0	-0.3	-66.0	-0.2	779.0
B397	109	GEO_Eqn_6.12b_nls10	6480	-1.0	468.0	0.0	-99.0	0.2	778.0
B397	109	GEO_Eqn_6.12b_nls10	6840	-1.0	477.0	0.0	-99.0	0.2	608.0
B397	109	GEO_Eqn_6.12b_nls10	7200	-1.0	486.0	0.0	-99.0	0.2	435.0
B397	109	GEO_Eqn_6.12b_nls10	7560	-1.0	495.0	0.0	-99.0	0.2	258.0
B397	109	GEO_Eqn_6.12b_nls10	7560	-2.0	539.0	0.0	-133.0	0.2	257.0
B397	109	GEO_Eqn_6.12b_nls10	7920	-2.0	548.0	0.0	-133.0	0.2	61.0
B397	109	GEO_Eqn_6.12b_nls10	8280	-2.0	557.0	0.0	-133.0	0.2	-137.0
B397	109	GEO_Eqn_6.12b_nls10	8640	-2.0	566.0	0.0	-133.0	0.2	-340.0
B397	109	GEO_Eqn_6.12b_nls10	8640	-1.0	610.0	0.0	-167.0	0.2	-341.0
B397	109	GEO_Eqn_6.12b_nls10	9000	-1.0	619.0	-0.1	-167.0	0.2	-563.0
B397	109	GEO_Eqn_6.12b_nls10	9360	-1.0	628.0	-0.1	-167.0	0.3	-787.0
B397	109	GEO_Eqn_6.12b_nls10	9720	-1.0	637.0	-0.1	-167.0	0.3	-1015.0
B397	109	GEO_Eqn_6.12b_nls10	9720	0.1	679.0	1.0	-200.0	0.1	-1018.0
B397	109	GEO_Eqn_6.12b_nls10	10080	0.1	688.0	1.0	-200.0	-0.2	-1264.0
B397	109	GEO_Eqn_6.12b_nls10	10440	0.1	697.0	1.0	-200.0	-0.4	-1513.0
B397	109	GEO_Eqn_6.12b_nls10	10800	0.1	706.0	1.0	-200.0	-1.0	-1766.0
B397	109	GEO_Eqn_6.12b_nls10	10800	0.0	-697.0	0.0	54.0	0.0	-1683.0
B397	109	GEO_Eqn_6.12b_nls10	11000	0.0	-692.0	0.0	54.0	0.0	-1544.0
B397	109	GEO_Eqn_6.12b_nls10	11000	-3.0	-808.0	-2.0	42.0	-1.0	-1542.0
B397	109	GEO_Eqn_6.12b_nls10	11425	-3.0	-797.0	-2.0	42.0	0.2	-1201.0
B397	109	GEO_Eqn_6.12b_nls10	11850	-3.0	-786.0	-2.0	42.0	1.0	-865.0
B397	109	GEO_Eqn_6.12b_nls10	11850	3.0	-766.0	1.0	28.0	0.3	-862.0
B397	109	GEO_Eqn_6.12b_nls10	12275	3.0	-755.0	1.0	28.0	-0.2	-539.0
B397	109	GEO_Eqn_6.12b_nls10	12700	3.0	-744.0	1.0	28.0	-1.0	-220.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls10	12700	-188.0	-462.0	-2.0	23.0	-3.0	-210.0
B397	109	GEO_Eqn_6.12b_nls10	12991.67	-188.0	-454.0	-2.0	23.0	-3.0	-76.0
B397	109	GEO_Eqn_6.12b_nls10	13283.33	-188.0	-447.0	-2.0	23.0	-2.0	56.0
B397	109	GEO_Eqn_6.12b_nls10	13283.33	-95.0	-273.0	-1.0	24.0	-1.0	73.0
B397	109	GEO_Eqn_6.12b_nls10	13575	-95.0	-266.0	-1.0	24.0	-0.4	151.0
B397	109	GEO_Eqn_6.12b_nls10	13866.67	-95.0	-258.0	-1.0	24.0	-0.1	228.0
B397	109	GEO_Eqn_6.12b_nls10	13866.67	15.0	-157.0	-2.0	27.0	1.0	231.0
B397	109	GEO_Eqn_6.12b_nls10	14158.33	15.0	-150.0	-2.0	27.0	1.0	275.0
B397	109	GEO_Eqn_6.12b_nls10	14450	15.0	-142.0	-2.0	27.0	1.0	318.0
B397	109	GEO_Eqn_6.12b_nls10	14450	77.0	-67.0	-1.0	29.0	3.0	321.0
B397	109	GEO_Eqn_6.12b_nls10	14741.67	77.0	-60.0	-1.0	29.0	3.0	340.0
B397	109	GEO_Eqn_6.12b_nls10	15033.33	77.0	-52.0	-1.0	29.0	3.0	356.0
B397	109	GEO_Eqn_6.12b_nls10	15033.33	101.0	127.0	2.0	43.0	5.0	357.0
B397	109	GEO_Eqn_6.12b_nls10	15325	101.0	135.0	2.0	43.0	4.0	318.0
B397	109	GEO_Eqn_6.12b_nls10	15616.67	101.0	142.0	2.0	43.0	3.0	278.0
B397	109	GEO_Eqn_6.12b_nls10	15616.67	91.0	507.0	11.0	47.0	-2.0	260.0
B397	109	GEO_Eqn_6.12b_nls10	15908.33	91.0	514.0	11.0	47.0	-5.0	111.0
B397	109	GEO_Eqn_6.12b_nls10	16200	91.0	522.0	11.0	47.0	-8.0	-40.0
B397	109	GEO_Eqn_6.12b_nls11	0	-392.0	-302.0	3.0	-4.0	1.0	136.0
B397	109	GEO_Eqn_6.12b_nls11	300	-392.0	-294.0	3.0	-4.0	0.4	225.0
B397	109	GEO_Eqn_6.12b_nls11	600	-392.0	-287.0	3.0	-4.0	-1.0	312.0
B397	109	GEO_Eqn_6.12b_nls11	600	-229.0	-18.0	2.0	-7.0	-1.0	310.0
B397	109	GEO_Eqn_6.12b_nls11	1080	-229.0	-6.0	2.0	-7.0	-2.0	316.0
B397	109	GEO_Eqn_6.12b_nls11	1080	-225.0	-1.0	0.0	-17.0	-1.0	316.0
B397	109	GEO_Eqn_6.12b_nls11	1200	-225.0	2.0	0.0	-17.0	-1.0	316.0
B397	109	GEO_Eqn_6.12b_nls11	1200	-107.0	93.0	0.0	-22.0	-1.0	305.0
B397	109	GEO_Eqn_6.12b_nls11	1500	-107.0	101.0	0.0	-22.0	-1.0	276.0
B397	109	GEO_Eqn_6.12b_nls11	1800	-107.0	108.0	0.0	-22.0	-1.0	245.0
B397	109	GEO_Eqn_6.12b_nls11	1800	-23.0	73.0	0.2	-27.0	-1.0	229.0
B397	109	GEO_Eqn_6.12b_nls11	2160	-23.0	82.0	0.2	-27.0	-1.0	201.0
B397	109	GEO_Eqn_6.12b_nls11	2160	-25.0	54.0	-0.2	-44.0	0.5	166.0
B397	109	GEO_Eqn_6.12b_nls11	2400	-25.0	60.0	-0.2	-44.0	1.0	153.0
B397	109	GEO_Eqn_6.12b_nls11	2400	32.0	204.0	-0.4	-49.0	1.0	134.0
B397	109	GEO_Eqn_6.12b_nls11	2700	32.0	211.0	-0.4	-49.0	1.0	72.0
B397	109	GEO_Eqn_6.12b_nls11	3000	32.0	219.0	-0.4	-49.0	1.0	7.0
B397	109	GEO_Eqn_6.12b_nls11	3000	74.0	90.0	0.0	-57.0	1.0	-15.0
B397	109	GEO_Eqn_6.12b_nls11	3240	74.0	97.0	0.0	-57.0	1.0	-37.0
B397	109	GEO_Eqn_6.12b_nls11	3240	72.0	177.0	0.1	-80.0	2.0	-105.0
B397	109	GEO_Eqn_6.12b_nls11	3600	72.0	186.0	0.1	-80.0	2.0	-171.0
B397	109	GEO_Eqn_6.12b_nls11	3600	116.0	434.0	1.0	-84.0	2.0	-209.0
B397	109	GEO_Eqn_6.12b_nls11	3900	116.0	442.0	1.0	-84.0	2.0	-340.0
B397	109	GEO_Eqn_6.12b_nls11	4200	116.0	449.0	1.0	-84.0	2.0	-474.0
B397	109	GEO_Eqn_6.12b_nls11	4200	190.0	61.0	0.0	-97.0	1.0	-486.0
B397	109	GEO_Eqn_6.12b_nls11	4320	190.0	64.0	0.0	-97.0	1.0	-493.0
B397	109	GEO_Eqn_6.12b_nls11	4320	203.0	482.0	2.0	-123.0	1.0	-610.0
B397	109	GEO_Eqn_6.12b_nls11	4800	203.0	494.0	2.0	-123.0	-0.1	-844.0
B397	109	GEO_Eqn_6.12b_nls11	4800	330.0	621.0	1.0	-126.0	-2.0	-914.0
B397	109	GEO_Eqn_6.12b_nls11	5100	330.0	629.0	1.0	-126.0	-3.0	-1101.0
B397	109	GEO_Eqn_6.12b_nls11	5400	329.0	637.0	1.0	-126.0	-3.0	-1291.0
B397	109	GEO_Eqn_6.12b_nls11	5400	-4.0	-622.0	-0.2	202.0	0.1	-1423.0
B397	109	GEO_Eqn_6.12b_nls11	5760	-4.0	-612.0	-0.2	202.0	0.2	-1201.0
B397	109	GEO_Eqn_6.12b_nls11	6120	-4.0	-603.0	-0.2	202.0	0.3	-982.0
B397	109	GEO_Eqn_6.12b_nls11	6480	-5.0	-594.0	-0.3	202.0	0.4	-767.0
B397	109	GEO_Eqn_6.12b_nls11	6480	0.3	-544.0	0.1	156.0	0.0	-766.0
B397	109	GEO_Eqn_6.12b_nls11	6840	0.3	-535.0	0.1	156.0	-0.1	-571.0
B397	109	GEO_Eqn_6.12b_nls11	7200	0.3	-526.0	0.1	156.0	-0.1	-380.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls11	7560	0.3	-517.0	0.1	156.0	-0.1	-193.0
B397	109	GEO_Eqn_6.12b_nls11	7560	2.0	-470.0	0.0	114.0	-0.2	-192.0
B397	109	GEO_Eqn_6.12b_nls11	7920	2.0	-461.0	0.0	114.0	-0.2	-24.0
B397	109	GEO_Eqn_6.12b_nls11	8280	2.0	-451.0	0.0	114.0	-0.2	140.0
B397	109	GEO_Eqn_6.12b_nls11	8640	2.0	-442.0	0.0	114.0	-0.2	301.0
B397	109	GEO_Eqn_6.12b_nls11	8640	2.0	-398.0	0.0	77.0	-0.2	301.0
B397	109	GEO_Eqn_6.12b_nls11	9000	2.0	-389.0	0.0	77.0	-0.2	443.0
B397	109	GEO_Eqn_6.12b_nls11	9360	2.0	-379.0	0.0	77.0	-0.2	581.0
B397	109	GEO_Eqn_6.12b_nls11	9720	2.0	-370.0	0.0	77.0	-0.2	716.0
B397	109	GEO_Eqn_6.12b_nls11	9720	1.0	-331.0	-1.0	48.0	-0.1	715.0
B397	109	GEO_Eqn_6.12b_nls11	10080	1.0	-322.0	-1.0	48.0	0.1	833.0
B397	109	GEO_Eqn_6.12b_nls11	10440	1.0	-313.0	-1.0	48.0	0.3	947.0
B397	109	GEO_Eqn_6.12b_nls11	10800	1.0	-304.0	-1.0	48.0	1.0	1058.0
B397	109	GEO_Eqn_6.12b_nls11	10800	0.0	109.0	0.0	-49.0	0.0	982.0
B397	109	GEO_Eqn_6.12b_nls11	11000	0.0	114.0	0.0	-49.0	0.0	960.0
B397	109	GEO_Eqn_6.12b_nls11	11000	3.0	249.0	2.0	-58.0	0.5	962.0
B397	109	GEO_Eqn_6.12b_nls11	11425	3.0	260.0	2.0	-58.0	-0.1	854.0
B397	109	GEO_Eqn_6.12b_nls11	11850	3.0	271.0	2.0	-58.0	-1.0	741.0
B397	109	GEO_Eqn_6.12b_nls11	11850	-3.0	290.0	-1.0	-67.0	-0.2	740.0
B397	109	GEO_Eqn_6.12b_nls11	12275	-3.0	300.0	-1.0	-67.0	0.1	615.0
B397	109	GEO_Eqn_6.12b_nls11	12700	-3.0	311.0	-1.0	-67.0	1.0	485.0
B397	109	GEO_Eqn_6.12b_nls11	12700	262.0	265.0	-1.0	-75.0	0.1	476.0
B397	109	GEO_Eqn_6.12b_nls11	12991.67	262.0	273.0	-1.0	-75.0	0.4	398.0
B397	109	GEO_Eqn_6.12b_nls11	13283.33	262.0	280.0	-1.0	-75.0	1.0	317.0
B397	109	GEO_Eqn_6.12b_nls11	13283.33	198.0	207.0	-1.0	-74.0	1.0	305.0
B397	109	GEO_Eqn_6.12b_nls11	13575	198.0	214.0	-1.0	-74.0	1.0	243.0
B397	109	GEO_Eqn_6.12b_nls11	13866.67	198.0	222.0	-1.0	-74.0	2.0	180.0
B397	109	GEO_Eqn_6.12b_nls11	13866.67	79.0	172.0	1.0	-84.0	0.3	178.0
B397	109	GEO_Eqn_6.12b_nls11	14158.33	79.0	179.0	1.0	-84.0	0.0	127.0
B397	109	GEO_Eqn_6.12b_nls11	14450	79.0	186.0	1.0	-84.0	-0.3	74.0
B397	109	GEO_Eqn_6.12b_nls11	14450	-44.0	123.0	1.0	-84.0	-1.0	71.0
B397	109	GEO_Eqn_6.12b_nls11	14741.67	-44.0	130.0	1.0	-84.0	-1.0	34.0
B397	109	GEO_Eqn_6.12b_nls11	15033.33	-44.0	138.0	1.0	-84.0	-2.0	-5.0
B397	109	GEO_Eqn_6.12b_nls11	15033.33	-191.0	83.0	-2.0	-98.0	-3.0	-3.0
B397	109	GEO_Eqn_6.12b_nls11	15325	-191.0	90.0	-2.0	-98.0	-3.0	-28.0
B397	109	GEO_Eqn_6.12b_nls11	15616.67	-191.0	98.0	-2.0	-98.0	-2.0	-56.0
B397	109	GEO_Eqn_6.12b_nls11	15616.67	-305.0	16.0	-6.0	-100.0	1.0	-53.0
B397	109	GEO_Eqn_6.12b_nls11	15908.33	-305.0	24.0	-6.0	-100.0	2.0	-59.0
B397	109	GEO_Eqn_6.12b_nls11	16200	-305.0	31.0	-6.0	-100.0	4.0	-67.0
B397	109	GEO_Eqn_6.12b_nls12	0	-264.0	-509.0	-5.0	-21.0	-5.0	114.0
B397	109	GEO_Eqn_6.12b_nls12	300	-264.0	-501.0	-5.0	-21.0	-3.0	266.0
B397	109	GEO_Eqn_6.12b_nls12	600	-264.0	-494.0	-5.0	-21.0	-2.0	415.0
B397	109	GEO_Eqn_6.12b_nls12	600	-119.0	-52.0	-1.0	-20.0	-1.0	419.0
B397	109	GEO_Eqn_6.12b_nls12	1080	-119.0	-40.0	-1.0	-20.0	-1.0	441.0
B397	109	GEO_Eqn_6.12b_nls12	1080	-111.0	-5.0	-0.1	-25.0	1.0	449.0
B397	109	GEO_Eqn_6.12b_nls12	1200	-111.0	-2.0	-0.1	-25.0	1.0	449.0
B397	109	GEO_Eqn_6.12b_nls12	1200	-11.0	105.0	-1.0	-26.0	1.0	439.0
B397	109	GEO_Eqn_6.12b_nls12	1500	-11.0	113.0	-1.0	-26.0	1.0	406.0
B397	109	GEO_Eqn_6.12b_nls12	1800	-11.0	120.0	-1.0	-26.0	1.0	371.0
B397	109	GEO_Eqn_6.12b_nls12	1800	43.0	84.0	0.2	-28.0	1.0	355.0
B397	109	GEO_Eqn_6.12b_nls12	2160	43.0	93.0	0.2	-28.0	1.0	323.0
B397	109	GEO_Eqn_6.12b_nls12	2160	41.0	60.0	-0.2	-41.0	2.0	284.0
B397	109	GEO_Eqn_6.12b_nls12	2400	41.0	66.0	-0.2	-41.0	2.0	269.0
B397	109	GEO_Eqn_6.12b_nls12	2400	61.0	215.0	0.2	-44.0	2.0	250.0
B397	109	GEO_Eqn_6.12b_nls12	2700	61.0	223.0	0.2	-44.0	2.0	184.0
B397	109	GEO_Eqn_6.12b_nls12	3000	61.0	231.0	0.2	-44.0	2.0	116.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls12	3000	58.0	92.0	0.3	-49.0	2.0	97.0
B397	109	GEO_Eqn_6.12b_nls12	3240	58.0	98.0	0.3	-49.0	2.0	74.0
B397	109	GEO_Eqn_6.12b_nls12	3240	51.0	179.0	0.1	-67.0	2.0	5.0
B397	109	GEO_Eqn_6.12b_nls12	3600	51.0	188.0	0.1	-67.0	2.0	-61.0
B397	109	GEO_Eqn_6.12b_nls12	3600	44.0	450.0	1.0	-70.0	2.0	-97.0
B397	109	GEO_Eqn_6.12b_nls12	3900	44.0	458.0	1.0	-70.0	1.0	-233.0
B397	109	GEO_Eqn_6.12b_nls12	4200	44.0	465.0	1.0	-70.0	1.0	-372.0
B397	109	GEO_Eqn_6.12b_nls12	4200	61.0	69.0	0.1	-80.0	0.4	-380.0
B397	109	GEO_Eqn_6.12b_nls12	4320	61.0	72.0	0.1	-80.0	0.4	-389.0
B397	109	GEO_Eqn_6.12b_nls12	4320	62.0	542.0	2.0	-102.0	-0.2	-519.0
B397	109	GEO_Eqn_6.12b_nls12	4800	62.0	554.0	2.0	-102.0	-1.0	-782.0
B397	109	GEO_Eqn_6.12b_nls12	4800	128.0	860.0	2.0	-104.0	-3.0	-860.0
B397	109	GEO_Eqn_6.12b_nls12	5100	128.0	868.0	2.0	-104.0	-4.0	-1120.0
B397	109	GEO_Eqn_6.12b_nls12	5400	128.0	876.0	2.0	-104.0	-4.0	-1381.0
B397	109	GEO_Eqn_6.12b_nls12	5400	-1.0	-607.0	-0.4	196.0	-0.1	-1492.0
B397	109	GEO_Eqn_6.12b_nls12	5760	-1.0	-597.0	-0.4	196.0	0.0	-1275.0
B397	109	GEO_Eqn_6.12b_nls12	6120	-1.0	-588.0	-0.4	196.0	0.2	-1062.0
B397	109	GEO_Eqn_6.12b_nls12	6480	-1.0	-579.0	-0.4	196.0	0.3	-852.0
B397	109	GEO_Eqn_6.12b_nls12	6480	1.0	-529.0	0.2	151.0	0.2	-851.0
B397	109	GEO_Eqn_6.12b_nls12	6840	1.0	-520.0	0.2	151.0	0.1	-662.0
B397	109	GEO_Eqn_6.12b_nls12	7200	1.0	-511.0	0.2	151.0	0.0	-476.0
B397	109	GEO_Eqn_6.12b_nls12	7560	1.0	-502.0	0.2	151.0	0.0	-294.0
B397	109	GEO_Eqn_6.12b_nls12	7560	1.0	-455.0	0.2	110.0	0.0	-293.0
B397	109	GEO_Eqn_6.12b_nls12	7920	1.0	-446.0	0.2	110.0	-0.1	-131.0
B397	109	GEO_Eqn_6.12b_nls12	8280	1.0	-436.0	0.2	110.0	-0.1	28.0
B397	109	GEO_Eqn_6.12b_nls12	8640	1.0	-427.0	0.1	110.0	-0.2	183.0
B397	109	GEO_Eqn_6.12b_nls12	8640	0.2	-383.0	0.1	74.0	-0.1	184.0
B397	109	GEO_Eqn_6.12b_nls12	9000	0.2	-374.0	0.1	74.0	-0.2	320.0
B397	109	GEO_Eqn_6.12b_nls12	9360	0.2	-364.0	0.1	74.0	-0.2	453.0
B397	109	GEO_Eqn_6.12b_nls12	9720	0.2	-355.0	0.1	74.0	-0.3	583.0
B397	109	GEO_Eqn_6.12b_nls12	9720	-2.0	-316.0	-0.4	46.0	-0.1	582.0
B397	109	GEO_Eqn_6.12b_nls12	10080	-2.0	-307.0	-0.4	46.0	0.1	694.0
B397	109	GEO_Eqn_6.12b_nls12	10440	-2.0	-298.0	-0.5	46.0	0.2	803.0
B397	109	GEO_Eqn_6.12b_nls12	10800	-2.0	-289.0	-0.5	46.0	0.4	909.0
B397	109	GEO_Eqn_6.12b_nls12	10800	0.0	-83.0	0.0	-140.0	0.0	814.0
B397	109	GEO_Eqn_6.12b_nls12	11000	0.0	-78.0	0.0	-140.0	0.0	830.0
B397	109	GEO_Eqn_6.12b_nls12	11000	4.0	77.0	2.0	-147.0	1.0	835.0
B397	109	GEO_Eqn_6.12b_nls12	11425	4.0	88.0	2.0	-147.0	-0.2	800.0
B397	109	GEO_Eqn_6.12b_nls12	11850	4.0	99.0	2.0	-147.0	-1.0	760.0
B397	109	GEO_Eqn_6.12b_nls12	11850	-4.0	116.0	-1.0	-155.0	-0.2	760.0
B397	109	GEO_Eqn_6.12b_nls12	12275	-4.0	127.0	-1.0	-155.0	0.2	708.0
B397	109	GEO_Eqn_6.12b_nls12	12700	-4.0	138.0	-1.0	-155.0	1.0	652.0
B397	109	GEO_Eqn_6.12b_nls12	12700	219.0	213.0	-5.0	-152.0	-5.0	642.0
B397	109	GEO_Eqn_6.12b_nls12	12991.67	219.0	220.0	-5.0	-152.0	-3.0	579.0
B397	109	GEO_Eqn_6.12b_nls12	13283.33	219.0	227.0	-5.0	-152.0	-2.0	514.0
B397	109	GEO_Eqn_6.12b_nls12	13283.33	190.0	219.0	-2.0	-150.0	1.0	500.0
B397	109	GEO_Eqn_6.12b_nls12	13575	190.0	227.0	-2.0	-150.0	2.0	435.0
B397	109	GEO_Eqn_6.12b_nls12	13866.67	190.0	234.0	-2.0	-150.0	2.0	368.0
B397	109	GEO_Eqn_6.12b_nls12	13866.67	98.0	193.0	-0.4	-142.0	2.0	364.0
B397	109	GEO_Eqn_6.12b_nls12	14158.33	98.0	200.0	-0.4	-142.0	2.0	307.0
B397	109	GEO_Eqn_6.12b_nls12	14450	98.0	208.0	-0.4	-142.0	2.0	247.0
B397	109	GEO_Eqn_6.12b_nls12	14450	-21.0	159.0	0.5	-140.0	2.0	242.0
B397	109	GEO_Eqn_6.12b_nls12	14741.67	-21.0	167.0	0.5	-140.0	2.0	195.0
B397	109	GEO_Eqn_6.12b_nls12	15033.33	-21.0	174.0	0.5	-140.0	2.0	145.0
B397	109	GEO_Eqn_6.12b_nls12	15033.33	-180.0	182.0	1.0	-134.0	1.0	147.0
B397	109	GEO_Eqn_6.12b_nls12	15325	-180.0	189.0	1.0	-134.0	1.0	93.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls12	15616.67	-180.0	197.0	1.0	-134.0	0.4	36.0
B397	109	GEO_Eqn_6.12b_nls12	15616.67	-306.0	289.0	4.0	-132.0	-2.0	29.0
B397	109	GEO_Eqn_6.12b_nls12	15908.33	-306.0	296.0	4.0	-132.0	-3.0	-57.0
B397	109	GEO_Eqn_6.12b_nls12	16200	-306.0	304.0	4.0	-132.0	-4.0	-144.0
B397	109	GEO_Eqn_6.12b_nls13	0	-7.0	-163.0	-1.0	99.0	-2.0	-55.0
B397	109	GEO_Eqn_6.12b_nls13	300	-7.0	-155.0	-1.0	99.0	-1.0	-7.0
B397	109	GEO_Eqn_6.12b_nls13	600	-7.0	-147.0	-1.0	99.0	-1.0	38.0
B397	109	GEO_Eqn_6.12b_nls13	600	36.0	-83.0	-1.0	98.0	-1.0	44.0
B397	109	GEO_Eqn_6.12b_nls13	1080	36.0	-71.0	-1.0	98.0	-1.0	81.0
B397	109	GEO_Eqn_6.12b_nls13	1080	43.0	-10.0	-0.1	90.0	-0.3	97.0
B397	109	GEO_Eqn_6.12b_nls13	1200	43.0	-7.0	-0.1	90.0	-0.3	98.0
B397	109	GEO_Eqn_6.12b_nls13	1200	78.0	-90.0	-1.0	86.0	-0.1	96.0
B397	109	GEO_Eqn_6.12b_nls13	1500	78.0	-82.0	-1.0	86.0	0.3	122.0
B397	109	GEO_Eqn_6.12b_nls13	1800	78.0	-74.0	-1.0	86.0	1.0	145.0
B397	109	GEO_Eqn_6.12b_nls13	1800	101.0	-78.0	-0.3	83.0	1.0	156.0
B397	109	GEO_Eqn_6.12b_nls13	2160	101.0	-69.0	-0.3	83.0	1.0	182.0
B397	109	GEO_Eqn_6.12b_nls13	2160	107.0	-35.0	-0.2	69.0	1.0	207.0
B397	109	GEO_Eqn_6.12b_nls13	2400	107.0	-29.0	-0.2	69.0	1.0	215.0
B397	109	GEO_Eqn_6.12b_nls13	2400	115.0	-192.0	-0.3	65.0	1.0	223.0
B397	109	GEO_Eqn_6.12b_nls13	2700	115.0	-184.0	-0.3	65.0	1.0	279.0
B397	109	GEO_Eqn_6.12b_nls13	3000	115.0	-177.0	-0.3	65.0	1.0	333.0
B397	109	GEO_Eqn_6.12b_nls13	3000	92.0	-101.0	0.1	59.0	1.0	357.0
B397	109	GEO_Eqn_6.12b_nls13	3240	92.0	-95.0	0.0	59.0	1.0	381.0
B397	109	GEO_Eqn_6.12b_nls13	3240	91.0	-150.0	-0.1	42.0	1.0	443.0
B397	109	GEO_Eqn_6.12b_nls13	3600	91.0	-140.0	-0.1	42.0	1.0	495.0
B397	109	GEO_Eqn_6.12b_nls13	3600	32.0	-384.0	0.4	39.0	1.0	526.0
B397	109	GEO_Eqn_6.12b_nls13	3900	32.0	-377.0	0.4	39.0	0.4	640.0
B397	109	GEO_Eqn_6.12b_nls13	4200	32.0	-369.0	0.4	39.0	0.3	752.0
B397	109	GEO_Eqn_6.12b_nls13	4200	-97.0	-47.0	0.1	31.0	0.1	771.0
B397	109	GEO_Eqn_6.12b_nls13	4320	-97.0	-44.0	0.1	31.0	0.1	777.0
B397	109	GEO_Eqn_6.12b_nls13	4320	-124.0	-307.0	-0.3	14.0	-0.3	855.0
B397	109	GEO_Eqn_6.12b_nls13	4800	-124.0	-295.0	-0.3	14.0	-0.2	1000.0
B397	109	GEO_Eqn_6.12b_nls13	4800	-332.0	-157.0	3.0	12.0	-1.0	1043.0
B397	109	GEO_Eqn_6.12b_nls13	5100	-332.0	-149.0	3.0	12.0	-2.0	1089.0
B397	109	GEO_Eqn_6.12b_nls13	5400	-332.0	-141.0	3.0	12.0	-3.0	1133.0
B397	109	GEO_Eqn_6.12b_nls13	5400	2.0	370.0	0.0	-68.0	-0.2	1268.0
B397	109	GEO_Eqn_6.12b_nls13	5760	2.0	379.0	0.0	-68.0	-0.2	1133.0
B397	109	GEO_Eqn_6.12b_nls13	6120	2.0	388.0	0.0	-68.0	-0.2	995.0
B397	109	GEO_Eqn_6.12b_nls13	6480	2.0	397.0	0.0	-68.0	-0.2	853.0
B397	109	GEO_Eqn_6.12b_nls13	6480	-0.4	440.0	0.0	-102.0	0.1	852.0
B397	109	GEO_Eqn_6.12b_nls13	6840	-0.4	449.0	0.0	-102.0	0.1	692.0
B397	109	GEO_Eqn_6.12b_nls13	7200	-0.5	458.0	0.0	-102.0	0.1	529.0
B397	109	GEO_Eqn_6.12b_nls13	7560	-0.5	468.0	0.0	-102.0	0.1	362.0
B397	109	GEO_Eqn_6.12b_nls13	7560	-1.0	511.0	0.0	-137.0	0.1	361.0
B397	109	GEO_Eqn_6.12b_nls13	7920	-1.0	521.0	0.0	-137.0	0.1	175.0
B397	109	GEO_Eqn_6.12b_nls13	8280	-1.0	530.0	0.0	-137.0	0.1	-14.0
B397	109	GEO_Eqn_6.12b_nls13	8640	-1.0	539.0	0.0	-137.0	0.1	-206.0
B397	109	GEO_Eqn_6.12b_nls13	8640	-1.0	583.0	0.0	-173.0	0.1	-208.0
B397	109	GEO_Eqn_6.12b_nls13	9000	-1.0	592.0	0.0	-173.0	0.1	-419.0
B397	109	GEO_Eqn_6.12b_nls13	9360	-1.0	601.0	-0.1	-173.0	0.1	-634.0
B397	109	GEO_Eqn_6.12b_nls13	9720	-1.0	610.0	-0.1	-173.0	0.2	-852.0
B397	109	GEO_Eqn_6.12b_nls13	9720	0.1	652.0	0.4	-208.0	0.0	-855.0
B397	109	GEO_Eqn_6.12b_nls13	10080	0.0	661.0	0.4	-208.0	-0.1	-1092.0
B397	109	GEO_Eqn_6.12b_nls13	10440	0.0	670.0	0.4	-208.0	-0.2	-1331.0
B397	109	GEO_Eqn_6.12b_nls13	10800	0.0	680.0	0.4	-208.0	-0.3	-1574.0
B397	109	GEO_Eqn_6.12b_nls13	10800	0.0	-458.0	0.0	161.0	0.0	-1456.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls13	11000	0.0	-453.0	0.0	161.0	0.0	-1365.0
B397	109	GEO_Eqn_6.12b_nls13	11000	-1.0	-573.0	-1.0	147.0	-0.3	-1366.0
B397	109	GEO_Eqn_6.12b_nls13	11425	-1.0	-563.0	-1.0	147.0	0.1	-1125.0
B397	109	GEO_Eqn_6.12b_nls13	11850	-1.0	-552.0	-1.0	147.0	1.0	-888.0
B397	109	GEO_Eqn_6.12b_nls13	11850	1.0	-530.0	0.5	131.0	0.1	-886.0
B397	109	GEO_Eqn_6.12b_nls13	12275	1.0	-519.0	0.5	131.0	-0.1	-663.0
B397	109	GEO_Eqn_6.12b_nls13	12700	1.0	-508.0	0.5	131.0	-0.3	-444.0
B397	109	GEO_Eqn_6.12b_nls13	12700	-86.0	-396.0	2.0	113.0	2.0	-432.0
B397	109	GEO_Eqn_6.12b_nls13	12991.67	-86.0	-388.0	2.0	113.0	2.0	-317.0
B397	109	GEO_Eqn_6.12b_nls13	13283.33	-86.0	-381.0	2.0	113.0	1.0	-205.0
B397	109	GEO_Eqn_6.12b_nls13	13283.33	-52.0	-293.0	1.0	112.0	-0.1	-185.0
B397	109	GEO_Eqn_6.12b_nls13	13575	-52.0	-285.0	1.0	112.0	-0.5	-101.0
B397	109	GEO_Eqn_6.12b_nls13	13866.67	-52.0	-278.0	1.0	112.0	-1.0	-19.0
B397	109	GEO_Eqn_6.12b_nls13	13866.67	2.0	-184.0	0.3	93.0	-1.0	-12.0
B397	109	GEO_Eqn_6.12b_nls13	14158.33	2.0	-176.0	0.3	93.0	-1.0	40.0
B397	109	GEO_Eqn_6.12b_nls13	14450	2.0	-169.0	0.3	93.0	-1.0	90.0
B397	109	GEO_Eqn_6.12b_nls13	14450	39.0	-113.0	0.0	92.0	-1.0	97.0
B397	109	GEO_Eqn_6.12b_nls13	14741.67	39.0	-105.0	0.0	92.0	-1.0	129.0
B397	109	GEO_Eqn_6.12b_nls13	15033.33	39.0	-98.0	0.0	92.0	-1.0	159.0
B397	109	GEO_Eqn_6.12b_nls13	15033.33	55.0	-6.0	-1.0	79.0	-1.0	161.0
B397	109	GEO_Eqn_6.12b_nls13	15325	55.0	1.0	-1.0	79.0	-1.0	161.0
B397	109	GEO_Eqn_6.12b_nls13	15616.67	55.0	9.0	-1.0	79.0	-0.2	160.0
B397	109	GEO_Eqn_6.12b_nls13	15616.67	42.0	134.0	-2.0	78.0	1.0	157.0
B397	109	GEO_Eqn_6.12b_nls13	15908.33	42.0	141.0	-2.0	78.0	2.0	116.0
B397	109	GEO_Eqn_6.12b_nls13	16200	42.0	149.0	-2.0	78.0	3.0	74.0
B397	109	GEO_Eqn_6.12b_nls14	0	100.0	-367.0	-8.0	97.0	-7.0	-80.0
B397	109	GEO_Eqn_6.12b_nls14	300	100.0	-359.0	-8.0	97.0	-5.0	29.0
B397	109	GEO_Eqn_6.12b_nls14	600	100.0	-352.0	-8.0	97.0	-2.0	135.0
B397	109	GEO_Eqn_6.12b_nls14	600	134.0	-121.0	-4.0	99.0	-1.0	148.0
B397	109	GEO_Eqn_6.12b_nls14	1080	134.0	-108.0	-4.0	99.0	1.0	203.0
B397	109	GEO_Eqn_6.12b_nls14	1080	146.0	-15.0	-0.2	95.0	1.0	227.0
B397	109	GEO_Eqn_6.12b_nls14	1200	146.0	-12.0	-0.2	95.0	1.0	229.0
B397	109	GEO_Eqn_6.12b_nls14	1200	169.0	-85.0	-2.0	95.0	1.0	227.0
B397	109	GEO_Eqn_6.12b_nls14	1500	169.0	-77.0	-2.0	95.0	2.0	251.0
B397	109	GEO_Eqn_6.12b_nls14	1800	169.0	-69.0	-2.0	95.0	3.0	273.0
B397	109	GEO_Eqn_6.12b_nls14	1800	168.0	-71.0	-0.3	94.0	3.0	284.0
B397	109	GEO_Eqn_6.12b_nls14	2160	168.0	-62.0	-0.3	94.0	3.0	308.0
B397	109	GEO_Eqn_6.12b_nls14	2160	175.0	-32.0	-0.2	85.0	3.0	330.0
B397	109	GEO_Eqn_6.12b_nls14	2400	175.0	-25.0	-0.2	85.0	3.0	336.0
B397	109	GEO_Eqn_6.12b_nls14	2400	151.0	-191.0	0.2	83.0	3.0	345.0
B397	109	GEO_Eqn_6.12b_nls14	2700	151.0	-183.0	0.2	83.0	3.0	401.0
B397	109	GEO_Eqn_6.12b_nls14	3000	151.0	-176.0	0.1	83.0	3.0	455.0
B397	109	GEO_Eqn_6.12b_nls14	3000	86.0	-104.0	0.3	79.0	2.0	482.0
B397	109	GEO_Eqn_6.12b_nls14	3240	86.0	-98.0	0.3	79.0	2.0	506.0
B397	109	GEO_Eqn_6.12b_nls14	3240	81.0	-156.0	0.0	66.0	1.0	570.0
B397	109	GEO_Eqn_6.12b_nls14	3600	81.0	-147.0	0.0	66.0	1.0	625.0
B397	109	GEO_Eqn_6.12b_nls14	3600	-29.0	-390.0	1.0	65.0	0.3	660.0
B397	109	GEO_Eqn_6.12b_nls14	3900	-29.0	-382.0	1.0	65.0	0.0	776.0
B397	109	GEO_Eqn_6.12b_nls14	4200	-29.0	-375.0	1.0	65.0	-0.3	889.0
B397	109	GEO_Eqn_6.12b_nls14	4200	-218.0	-42.0	0.1	60.0	-1.0	913.0
B397	109	GEO_Eqn_6.12b_nls14	4320	-218.0	-39.0	0.1	60.0	-1.0	917.0
B397	109	GEO_Eqn_6.12b_nls14	4320	-257.0	-269.0	-1.0	46.0	-2.0	988.0
B397	109	GEO_Eqn_6.12b_nls14	4800	-257.0	-257.0	-1.0	46.0	-1.0	1114.0
B397	109	GEO_Eqn_6.12b_nls14	4800	-531.0	54.0	3.0	46.0	-2.0	1153.0
B397	109	GEO_Eqn_6.12b_nls14	5100	-531.0	62.0	3.0	46.0	-3.0	1135.0
B397	109	GEO_Eqn_6.12b_nls14	5400	-531.0	70.0	3.0	46.0	-4.0	1115.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls14	5400	6.0	411.0	-0.2	-81.0	-0.4	1279.0
B397	109	GEO_Eqn_6.12b_nls14	5760	6.0	420.0	-0.2	-81.0	-0.4	1129.0
B397	109	GEO_Eqn_6.12b_nls14	6120	6.0	430.0	-0.2	-81.0	-0.3	976.0
B397	109	GEO_Eqn_6.12b_nls14	6480	6.0	439.0	-0.2	-81.0	-0.2	820.0
B397	109	GEO_Eqn_6.12b_nls14	6480	-0.1	481.0	0.1	-113.0	0.3	819.0
B397	109	GEO_Eqn_6.12b_nls14	6840	-0.1	490.0	0.1	-113.0	0.2	644.0
B397	109	GEO_Eqn_6.12b_nls14	7200	-0.1	500.0	0.1	-113.0	0.2	466.0
B397	109	GEO_Eqn_6.12b_nls14	7560	-0.1	509.0	0.1	-113.0	0.2	284.0
B397	109	GEO_Eqn_6.12b_nls14	7560	-2.0	552.0	0.1	-148.0	0.2	283.0
B397	109	GEO_Eqn_6.12b_nls14	7920	-2.0	562.0	0.1	-148.0	0.2	82.0
B397	109	GEO_Eqn_6.12b_nls14	8280	-2.0	571.0	0.1	-148.0	0.2	-122.0
B397	109	GEO_Eqn_6.12b_nls14	8640	-2.0	580.0	0.1	-148.0	0.1	-329.0
B397	109	GEO_Eqn_6.12b_nls14	8640	-2.0	624.0	0.0	-183.0	0.2	-330.0
B397	109	GEO_Eqn_6.12b_nls14	9000	-2.0	633.0	0.0	-183.0	0.2	-557.0
B397	109	GEO_Eqn_6.12b_nls14	9360	-2.0	642.0	0.0	-183.0	0.2	-786.0
B397	109	GEO_Eqn_6.12b_nls14	9720	-2.0	651.0	0.0	-183.0	0.2	-1019.0
B397	109	GEO_Eqn_6.12b_nls14	9720	-2.0	693.0	1.0	-216.0	0.1	-1022.0
B397	109	GEO_Eqn_6.12b_nls14	10080	-2.0	702.0	1.0	-216.0	-0.1	-1273.0
B397	109	GEO_Eqn_6.12b_nls14	10440	-2.0	711.0	1.0	-216.0	-0.3	-1528.0
B397	109	GEO_Eqn_6.12b_nls14	10800	-2.0	721.0	1.0	-216.0	-1.0	-1786.0
B397	109	GEO_Eqn_6.12b_nls14	10800	0.0	-652.0	0.0	80.0	0.0	-1679.0
B397	109	GEO_Eqn_6.12b_nls14	11000	0.0	-647.0	0.0	80.0	0.0	-1549.0
B397	109	GEO_Eqn_6.12b_nls14	11000	-2.0	-753.0	-1.0	67.0	-0.4	-1547.0
B397	109	GEO_Eqn_6.12b_nls14	11425	-2.0	-742.0	-1.0	67.0	0.1	-1230.0
B397	109	GEO_Eqn_6.12b_nls14	11850	-2.0	-732.0	-1.0	67.0	1.0	-916.0
B397	109	GEO_Eqn_6.12b_nls14	11850	2.0	-711.0	1.0	53.0	0.2	-914.0
B397	109	GEO_Eqn_6.12b_nls14	12275	2.0	-700.0	1.0	53.0	-0.1	-614.0
B397	109	GEO_Eqn_6.12b_nls14	12700	2.0	-689.0	1.0	53.0	-0.5	-319.0
B397	109	GEO_Eqn_6.12b_nls14	12700	-129.0	-464.0	-1.0	44.0	-2.0	-307.0
B397	109	GEO_Eqn_6.12b_nls14	12991.67	-129.0	-457.0	-1.0	44.0	-2.0	-172.0
B397	109	GEO_Eqn_6.12b_nls14	13283.33	-129.0	-449.0	-1.0	44.0	-1.0	-40.0
B397	109	GEO_Eqn_6.12b_nls14	13283.33	-62.0	-298.0	-1.0	45.0	-0.4	-20.0
B397	109	GEO_Eqn_6.12b_nls14	13575	-62.0	-290.0	-1.0	45.0	-0.2	66.0
B397	109	GEO_Eqn_6.12b_nls14	13866.67	-62.0	-283.0	-1.0	45.0	0.0	149.0
B397	109	GEO_Eqn_6.12b_nls14	13866.67	19.0	-176.0	-1.0	43.0	0.3	154.0
B397	109	GEO_Eqn_6.12b_nls14	14158.33	19.0	-168.0	-1.0	43.0	1.0	204.0
B397	109	GEO_Eqn_6.12b_nls14	14450	19.0	-161.0	-1.0	43.0	1.0	253.0
B397	109	GEO_Eqn_6.12b_nls14	14450	61.0	-87.0	-1.0	44.0	2.0	258.0
B397	109	GEO_Eqn_6.12b_nls14	14741.67	61.0	-80.0	-1.0	44.0	2.0	283.0
B397	109	GEO_Eqn_6.12b_nls14	15033.33	61.0	-72.0	-1.0	44.0	2.0	305.0
B397	109	GEO_Eqn_6.12b_nls14	15033.33	67.0	82.0	1.0	51.0	3.0	306.0
B397	109	GEO_Eqn_6.12b_nls14	15325	67.0	90.0	1.0	51.0	3.0	281.0
B397	109	GEO_Eqn_6.12b_nls14	15616.67	67.0	97.0	1.0	51.0	2.0	254.0
B397	109	GEO_Eqn_6.12b_nls14	15616.67	44.0	391.0	7.0	53.0	-1.0	241.0
B397	109	GEO_Eqn_6.12b_nls14	15908.33	44.0	399.0	7.0	53.0	-3.0	126.0
B397	109	GEO_Eqn_6.12b_nls14	16200	44.0	406.0	7.0	53.0	-5.0	9.0
B397	109	GEO_Eqn_6.12b_nls15	0	-448.0	-227.0	7.0	9.0	4.0	140.0
B397	109	GEO_Eqn_6.12b_nls15	300	-448.0	-219.0	7.0	9.0	2.0	207.0
B397	109	GEO_Eqn_6.12b_nls15	600	-448.0	-211.0	7.0	9.0	-0.3	271.0
B397	109	GEO_Eqn_6.12b_nls15	600	-276.0	-9.0	3.0	5.0	-1.0	267.0
B397	109	GEO_Eqn_6.12b_nls15	1080	-276.0	4.0	3.0	5.0	-3.0	268.0
B397	109	GEO_Eqn_6.12b_nls15	1080	-274.0	0.5	0.1	-8.0	-1.0	266.0
B397	109	GEO_Eqn_6.12b_nls15	1200	-274.0	4.0	0.1	-8.0	-1.0	266.0
B397	109	GEO_Eqn_6.12b_nls15	1200	-146.0	85.0	0.4	-14.0	-2.0	255.0
B397	109	GEO_Eqn_6.12b_nls15	1500	-146.0	92.0	0.3	-14.0	-2.0	228.0
B397	109	GEO_Eqn_6.12b_nls15	1800	-146.0	100.0	0.3	-14.0	-2.0	199.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls15	1800	-49.0	67.0	0.1	-20.0	-2.0	184.0
B397	109	GEO_Eqn_6.12b_nls15	2160	-49.0	76.0	0.1	-20.0	-2.0	158.0
B397	109	GEO_Eqn_6.12b_nls15	2160	-52.0	50.0	-0.2	-38.0	-0.1	126.0
B397	109	GEO_Eqn_6.12b_nls15	2400	-52.0	56.0	-0.2	-38.0	-0.1	113.0
B397	109	GEO_Eqn_6.12b_nls15	2400	20.0	201.0	-1.0	-44.0	0.2	94.0
B397	109	GEO_Eqn_6.12b_nls15	2700	20.0	209.0	-1.0	-44.0	0.4	32.0
B397	109	GEO_Eqn_6.12b_nls15	3000	20.0	216.0	-1.0	-44.0	1.0	-31.0
B397	109	GEO_Eqn_6.12b_nls15	3000	81.0	93.0	0.0	-53.0	1.0	-54.0
B397	109	GEO_Eqn_6.12b_nls15	3240	81.0	99.0	-0.1	-53.0	1.0	-77.0
B397	109	GEO_Eqn_6.12b_nls15	3240	80.0	181.0	0.1	-77.0	2.0	-147.0
B397	109	GEO_Eqn_6.12b_nls15	3600	80.0	190.0	0.1	-77.0	2.0	-214.0
B397	109	GEO_Eqn_6.12b_nls15	3600	146.0	449.0	0.5	-82.0	2.0	-254.0
B397	109	GEO_Eqn_6.12b_nls15	3900	146.0	457.0	0.5	-82.0	2.0	-390.0
B397	109	GEO_Eqn_6.12b_nls15	4200	146.0	465.0	0.5	-82.0	2.0	-528.0
B397	109	GEO_Eqn_6.12b_nls15	4200	244.0	62.0	0.0	-95.0	2.0	-542.0
B397	109	GEO_Eqn_6.12b_nls15	4320	244.0	65.0	0.0	-95.0	2.0	-549.0
B397	109	GEO_Eqn_6.12b_nls15	4320	262.0	492.0	3.0	-122.0	2.0	-669.0
B397	109	GEO_Eqn_6.12b_nls15	4800	262.0	504.0	3.0	-122.0	0.3	-909.0
B397	109	GEO_Eqn_6.12b_nls15	4800	415.0	601.0	1.0	-126.0	-2.0	-980.0
B397	109	GEO_Eqn_6.12b_nls15	5100	415.0	608.0	1.0	-126.0	-2.0	-1161.0
B397	109	GEO_Eqn_6.12b_nls15	5400	415.0	616.0	1.0	-126.0	-3.0	-1345.0
B397	109	GEO_Eqn_6.12b_nls15	5400	-7.0	-646.0	-0.3	222.0	0.1	-1498.0
B397	109	GEO_Eqn_6.12b_nls15	5760	-7.0	-637.0	-0.3	222.0	0.2	-1267.0
B397	109	GEO_Eqn_6.12b_nls15	6120	-7.0	-628.0	-0.3	222.0	0.3	-1039.0
B397	109	GEO_Eqn_6.12b_nls15	6480	-7.0	-619.0	-0.3	222.0	0.4	-815.0
B397	109	GEO_Eqn_6.12b_nls15	6480	-0.2	-569.0	0.0	176.0	-0.1	-813.0
B397	109	GEO_Eqn_6.12b_nls15	6840	-0.2	-560.0	0.0	176.0	-0.1	-610.0
B397	109	GEO_Eqn_6.12b_nls15	7200	-0.2	-550.0	0.0	176.0	-0.1	-411.0
B397	109	GEO_Eqn_6.12b_nls15	7560	-0.2	-541.0	0.0	176.0	-0.1	-214.0
B397	109	GEO_Eqn_6.12b_nls15	7560	2.0	-494.0	-0.1	134.0	-0.2	-213.0
B397	109	GEO_Eqn_6.12b_nls15	7920	2.0	-485.0	-0.1	134.0	-0.2	-37.0
B397	109	GEO_Eqn_6.12b_nls15	8280	2.0	-476.0	-0.1	134.0	-0.1	136.0
B397	109	GEO_Eqn_6.12b_nls15	8640	2.0	-467.0	-0.1	134.0	-0.1	306.0
B397	109	GEO_Eqn_6.12b_nls15	8640	3.0	-422.0	0.0	97.0	-0.2	306.0
B397	109	GEO_Eqn_6.12b_nls15	9000	3.0	-413.0	0.0	97.0	-0.2	457.0
B397	109	GEO_Eqn_6.12b_nls15	9360	3.0	-404.0	0.0	97.0	-0.1	604.0
B397	109	GEO_Eqn_6.12b_nls15	9720	3.0	-395.0	0.0	97.0	-0.1	748.0
B397	109	GEO_Eqn_6.12b_nls15	9720	2.0	-356.0	-0.4	69.0	-0.1	747.0
B397	109	GEO_Eqn_6.12b_nls15	10080	2.0	-347.0	-0.4	69.0	0.1	874.0
B397	109	GEO_Eqn_6.12b_nls15	10440	2.0	-338.0	-0.4	69.0	0.2	997.0
B397	109	GEO_Eqn_6.12b_nls15	10800	2.0	-329.0	-0.4	69.0	0.4	1117.0
B397	109	GEO_Eqn_6.12b_nls15	10800	0.0	86.0	0.0	-72.0	0.0	1020.0
B397	109	GEO_Eqn_6.12b_nls15	11000	0.0	91.0	0.0	-72.0	0.0	1002.0
B397	109	GEO_Eqn_6.12b_nls15	11000	2.0	225.0	1.0	-80.0	0.3	1005.0
B397	109	GEO_Eqn_6.12b_nls15	11425	2.0	236.0	1.0	-80.0	-0.1	907.0
B397	109	GEO_Eqn_6.12b_nls15	11850	2.0	247.0	1.0	-80.0	-1.0	805.0
B397	109	GEO_Eqn_6.12b_nls15	11850	-2.0	264.0	-1.0	-89.0	-0.1	804.0
B397	109	GEO_Eqn_6.12b_nls15	12275	-2.0	275.0	-1.0	-89.0	0.1	690.0
B397	109	GEO_Eqn_6.12b_nls15	12700	-2.0	286.0	-1.0	-89.0	0.3	570.0
B397	109	GEO_Eqn_6.12b_nls15	12700	236.0	275.0	-2.0	-93.0	-1.0	561.0
B397	109	GEO_Eqn_6.12b_nls15	12991.67	236.0	283.0	-2.0	-93.0	-0.4	479.0
B397	109	GEO_Eqn_6.12b_nls15	13283.33	236.0	290.0	-2.0	-93.0	0.0	396.0
B397	109	GEO_Eqn_6.12b_nls15	13283.33	187.0	230.0	-1.0	-93.0	1.0	381.0
B397	109	GEO_Eqn_6.12b_nls15	13575	187.0	237.0	-1.0	-93.0	1.0	313.0
B397	109	GEO_Eqn_6.12b_nls15	13866.67	187.0	245.0	-1.0	-93.0	2.0	243.0
B397	109	GEO_Eqn_6.12b_nls15	13866.67	82.0	190.0	1.0	-98.0	1.0	240.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls15	14158.33	82.0	198.0	1.0	-98.0	0.4	183.0
B397	109	GEO_Eqn_6.12b_nls15	14450	82.0	205.0	1.0	-98.0	0.2	124.0
B397	109	GEO_Eqn_6.12b_nls15	14450	-35.0	144.0	1.0	-98.0	-0.4	120.0
B397	109	GEO_Eqn_6.12b_nls15	14741.67	-35.0	151.0	1.0	-98.0	-1.0	77.0
B397	109	GEO_Eqn_6.12b_nls15	15033.33	-35.0	159.0	1.0	-98.0	-1.0	32.0
B397	109	GEO_Eqn_6.12b_nls15	15033.33	-179.0	126.0	-1.0	-107.0	-2.0	33.0
B397	109	GEO_Eqn_6.12b_nls15	15325	-179.0	133.0	-1.0	-107.0	-2.0	-5.0
B397	109	GEO_Eqn_6.12b_nls15	15616.67	-179.0	141.0	-1.0	-107.0	-1.0	-45.0
B397	109	GEO_Eqn_6.12b_nls15	15616.67	-291.0	116.0	-3.0	-108.0	0.2	-47.0
B397	109	GEO_Eqn_6.12b_nls15	15908.33	-291.0	124.0	-3.0	-108.0	1.0	-82.0
B397	109	GEO_Eqn_6.12b_nls15	16200	-291.0	131.0	-3.0	-108.0	2.0	-119.0
B397	109	GEO_Eqn_6.12b_nls16	0	-312.0	-447.0	-2.0	-10.0	-3.0	118.0
B397	109	GEO_Eqn_6.12b_nls16	300	-312.0	-440.0	-2.0	-10.0	-2.0	251.0
B397	109	GEO_Eqn_6.12b_nls16	600	-312.0	-432.0	-2.0	-10.0	-1.0	382.0
B397	109	GEO_Eqn_6.12b_nls16	600	-159.0	-44.0	-0.4	-10.0	-1.0	384.0
B397	109	GEO_Eqn_6.12b_nls16	1080	-159.0	-32.0	-0.4	-10.0	-1.0	403.0
B397	109	GEO_Eqn_6.12b_nls16	1080	-152.0	-4.0	-0.1	-17.0	0.1	408.0
B397	109	GEO_Eqn_6.12b_nls16	1200	-152.0	-1.0	-0.1	-17.0	0.1	409.0
B397	109	GEO_Eqn_6.12b_nls16	1200	-45.0	99.0	-1.0	-20.0	0.2	398.0
B397	109	GEO_Eqn_6.12b_nls16	1500	-45.0	107.0	-1.0	-20.0	0.4	367.0
B397	109	GEO_Eqn_6.12b_nls16	1800	-45.0	114.0	-1.0	-20.0	1.0	334.0
B397	109	GEO_Eqn_6.12b_nls16	1800	20.0	80.0	0.2	-23.0	1.0	318.0
B397	109	GEO_Eqn_6.12b_nls16	2160	20.0	90.0	0.2	-23.0	0.5	287.0
B397	109	GEO_Eqn_6.12b_nls16	2160	18.0	58.0	-0.2	-36.0	2.0	250.0
B397	109	GEO_Eqn_6.12b_nls16	2400	18.0	64.0	-0.2	-36.0	2.0	235.0
B397	109	GEO_Eqn_6.12b_nls16	2400	51.0	216.0	0.0	-40.0	2.0	216.0
B397	109	GEO_Eqn_6.12b_nls16	2700	51.0	224.0	0.0	-40.0	2.0	151.0
B397	109	GEO_Eqn_6.12b_nls16	3000	51.0	231.0	0.0	-40.0	2.0	82.0
B397	109	GEO_Eqn_6.12b_nls16	3000	64.0	95.0	0.2	-46.0	2.0	61.0
B397	109	GEO_Eqn_6.12b_nls16	3240	64.0	102.0	0.2	-46.0	2.0	38.0
B397	109	GEO_Eqn_6.12b_nls16	3240	58.0	185.0	0.1	-65.0	2.0	-34.0
B397	109	GEO_Eqn_6.12b_nls16	3600	58.0	194.0	0.1	-65.0	2.0	-102.0
B397	109	GEO_Eqn_6.12b_nls16	3600	68.0	471.0	1.0	-68.0	2.0	-140.0
B397	109	GEO_Eqn_6.12b_nls16	3900	68.0	479.0	1.0	-68.0	1.0	-283.0
B397	109	GEO_Eqn_6.12b_nls16	4200	68.0	487.0	1.0	-68.0	1.0	-428.0
B397	109	GEO_Eqn_6.12b_nls16	4200	107.0	71.0	0.1	-79.0	1.0	-438.0
B397	109	GEO_Eqn_6.12b_nls16	4320	107.0	75.0	0.1	-79.0	1.0	-447.0
B397	109	GEO_Eqn_6.12b_nls16	4320	113.0	561.0	2.0	-102.0	0.3	-582.0
B397	109	GEO_Eqn_6.12b_nls16	4800	113.0	573.0	2.0	-102.0	-1.0	-855.0
B397	109	GEO_Eqn_6.12b_nls16	4800	205.0	860.0	2.0	-104.0	-3.0	-936.0
B397	109	GEO_Eqn_6.12b_nls16	5100	205.0	868.0	2.0	-104.0	-3.0	-1195.0
B397	109	GEO_Eqn_6.12b_nls16	5400	205.0	875.0	2.0	-104.0	-4.0	-1456.0
B397	109	GEO_Eqn_6.12b_nls16	5400	-2.0	-636.0	-0.4	217.0	-0.1	-1588.0
B397	109	GEO_Eqn_6.12b_nls16	5760	-2.0	-627.0	-0.4	217.0	0.0	-1361.0
B397	109	GEO_Eqn_6.12b_nls16	6120	-2.0	-618.0	-0.4	217.0	0.2	-1136.0
B397	109	GEO_Eqn_6.12b_nls16	6480	-2.0	-609.0	-0.4	217.0	0.3	-916.0
B397	109	GEO_Eqn_6.12b_nls16	6480	1.0	-559.0	0.1	172.0	0.1	-914.0
B397	109	GEO_Eqn_6.12b_nls16	6840	1.0	-550.0	0.1	172.0	0.0	-715.0
B397	109	GEO_Eqn_6.12b_nls16	7200	1.0	-541.0	0.1	172.0	0.0	-519.0
B397	109	GEO_Eqn_6.12b_nls16	7560	1.0	-531.0	0.1	172.0	0.0	-326.0
B397	109	GEO_Eqn_6.12b_nls16	7560	1.0	-484.0	0.1	131.0	0.0	-325.0
B397	109	GEO_Eqn_6.12b_nls16	7920	1.0	-475.0	0.1	131.0	-0.1	-152.0
B397	109	GEO_Eqn_6.12b_nls16	8280	1.0	-466.0	0.1	131.0	-0.1	18.0
B397	109	GEO_Eqn_6.12b_nls16	8640	1.0	-457.0	0.1	131.0	-0.1	184.0
B397	109	GEO_Eqn_6.12b_nls16	8640	1.0	-413.0	0.1	95.0	-0.1	184.0
B397	109	GEO_Eqn_6.12b_nls16	9000	1.0	-403.0	0.1	95.0	-0.1	331.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B397	109	GEO_Eqn_6.12b_nls16	9360	1.0	-394.0	0.1	95.0	-0.2	475.0
B397	109	GEO_Eqn_6.12b_nls16	9720	1.0	-385.0	0.1	95.0	-0.2	615.0
B397	109	GEO_Eqn_6.12b_nls16	9720	-0.3	-347.0	-0.3	68.0	-0.1	615.0
B397	109	GEO_Eqn_6.12b_nls16	10080	-0.3	-337.0	-0.3	68.0	0.1	738.0
B397	109	GEO_Eqn_6.12b_nls16	10440	-0.3	-328.0	-0.3	68.0	0.2	857.0
B397	109	GEO_Eqn_6.12b_nls16	10800	-0.3	-319.0	-0.3	68.0	0.3	974.0
B397	109	GEO_Eqn_6.12b_nls16	10800	0.0	-114.0	0.0	-170.0	0.0	855.0
B397	109	GEO_Eqn_6.12b_nls16	11000	0.0	-109.0	0.0	-170.0	0.0	877.0
B397	109	GEO_Eqn_6.12b_nls16	11000	3.0	46.0	1.0	-177.0	0.3	883.0
B397	109	GEO_Eqn_6.12b_nls16	11425	3.0	57.0	1.0	-177.0	-0.1	861.0
B397	109	GEO_Eqn_6.12b_nls16	11850	3.0	68.0	1.0	-177.0	-1.0	834.0
B397	109	GEO_Eqn_6.12b_nls16	11850	-3.0	85.0	-1.0	-183.0	-0.1	834.0
B397	109	GEO_Eqn_6.12b_nls16	12275	-3.0	96.0	-1.0	-183.0	0.1	796.0
B397	109	GEO_Eqn_6.12b_nls16	12700	-3.0	107.0	-1.0	-183.0	0.4	753.0
B397	109	GEO_Eqn_6.12b_nls16	12700	187.0	224.0	-6.0	-177.0	-6.0	741.0
B397	109	GEO_Eqn_6.12b_nls16	12991.67	187.0	232.0	-6.0	-177.0	-4.0	675.0
B397	109	GEO_Eqn_6.12b_nls16	13283.33	187.0	239.0	-6.0	-177.0	-3.0	606.0
B397	109	GEO_Eqn_6.12b_nls16	13283.33	175.0	247.0	-3.0	-175.0	1.0	590.0
B397	109	GEO_Eqn_6.12b_nls16	13575	175.0	254.0	-3.0	-175.0	2.0	517.0
B397	109	GEO_Eqn_6.12b_nls16	13866.67	175.0	262.0	-3.0	-175.0	3.0	442.0
B397	109	GEO_Eqn_6.12b_nls16	13866.67	99.0	214.0	-1.0	-161.0	2.0	436.0
B397	109	GEO_Eqn_6.12b_nls16	14158.33	99.0	222.0	-1.0	-161.0	2.0	373.0
B397	109	GEO_Eqn_6.12b_nls16	14450	99.0	229.0	-1.0	-161.0	3.0	307.0
B397	109	GEO_Eqn_6.12b_nls16	14450	-11.0	182.0	0.1	-159.0	3.0	300.0
B397	109	GEO_Eqn_6.12b_nls16	14741.67	-11.0	189.0	0.1	-159.0	3.0	246.0
B397	109	GEO_Eqn_6.12b_nls16	15033.33	-11.0	197.0	0.1	-159.0	3.0	190.0
B397	109	GEO_Eqn_6.12b_nls16	15033.33	-165.0	227.0	2.0	-145.0	3.0	190.0
B397	109	GEO_Eqn_6.12b_nls16	15325	-165.0	235.0	2.0	-145.0	2.0	123.0
B397	109	GEO_Eqn_6.12b_nls16	15616.67	-165.0	242.0	2.0	-145.0	1.0	53.0
B397	109	GEO_Eqn_6.12b_nls16	15616.67	-285.0	399.0	8.0	-142.0	-2.0	41.0
B397	109	GEO_Eqn_6.12b_nls16	15908.33	-285.0	407.0	8.0	-142.0	-5.0	-77.0
B397	109	GEO_Eqn_6.12b_nls16	16200	-285.0	414.0	8.0	-142.0	-7.0	-197.0
B398	346	GEO_Eqn_6.12b_nls01	0	0.0	-36.0	0.0	32.0	0.0	84.0
B398	346	GEO_Eqn_6.12b_nls01	490.91	0.0	-29.0	0.0	32.0	0.0	99.0
B398	346	GEO_Eqn_6.12b_nls01	981.82	0.0	-21.0	0.0	32.0	0.0	112.0
B398	346	GEO_Eqn_6.12b_nls01	1472.73	0.0	-14.0	0.0	32.0	0.0	120.0
B398	346	GEO_Eqn_6.12b_nls01	1963.64	0.0	-7.0	0.0	32.0	0.0	125.0
B398	346	GEO_Eqn_6.12b_nls01	2454.55	0.0	1.0	0.0	32.0	0.0	127.0
B398	346	GEO_Eqn_6.12b_nls01	2945.45	0.0	8.0	0.0	32.0	0.0	125.0
B398	346	GEO_Eqn_6.12b_nls01	3436.36	0.0	16.0	0.0	32.0	0.0	119.0
B398	346	GEO_Eqn_6.12b_nls01	3927.27	0.0	23.0	0.0	32.0	0.0	109.0
B398	346	GEO_Eqn_6.12b_nls01	4418.18	0.0	30.0	0.0	32.0	0.0	96.0
B398	346	GEO_Eqn_6.12b_nls01	4909.09	0.0	38.0	0.0	32.0	0.0	80.0
B398	346	GEO_Eqn_6.12b_nls01	5400	0.0	45.0	0.0	32.0	0.0	59.0
B398	346	GEO_Eqn_6.12b_nls01	5400	0.0	97.0	0.0	-13.0	0.0	229.0
B398	346	GEO_Eqn_6.12b_nls01	5890.91	0.0	104.0	0.0	-13.0	0.0	179.0
B398	346	GEO_Eqn_6.12b_nls01	6381.82	0.0	111.0	0.0	-13.0	0.0	126.0
B398	346	GEO_Eqn_6.12b_nls01	6872.73	0.0	119.0	0.0	-13.0	0.0	70.0
B398	346	GEO_Eqn_6.12b_nls01	7363.64	0.0	126.0	0.0	-13.0	0.0	10.0
B398	346	GEO_Eqn_6.12b_nls01	7854.55	0.0	133.0	0.0	-13.0	0.0	-54.0
B398	346	GEO_Eqn_6.12b_nls01	8345.45	0.0	141.0	0.0	-13.0	0.0	-121.0
B398	346	GEO_Eqn_6.12b_nls01	8836.36	0.0	148.0	0.0	-13.0	0.0	-192.0
B398	346	GEO_Eqn_6.12b_nls01	9327.27	0.0	156.0	0.0	-13.0	0.0	-267.0
B398	346	GEO_Eqn_6.12b_nls01	9818.18	0.0	163.0	0.0	-13.0	0.0	-345.0
B398	346	GEO_Eqn_6.12b_nls01	10309.09	0.0	170.0	0.0	-13.0	0.0	-427.0
B398	346	GEO_Eqn_6.12b_nls01	10800	0.0	178.0	0.0	-13.0	0.0	-512.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B398	346	GEO_Eqn_6.12b_nls02	0	0.0	-13.0	0.0	20.0	0.0	149.0
B398	346	GEO_Eqn_6.12b_nls02	490.91	0.0	-6.0	0.0	20.0	0.0	154.0
B398	346	GEO_Eqn_6.12b_nls02	981.82	0.0	2.0	0.0	20.0	0.0	155.0
B398	346	GEO_Eqn_6.12b_nls02	1472.73	0.0	9.0	0.0	20.0	0.0	152.0
B398	346	GEO_Eqn_6.12b_nls02	1963.64	0.0	16.0	0.0	20.0	0.0	146.0
B398	346	GEO_Eqn_6.12b_nls02	2454.55	0.0	24.0	0.0	20.0	0.0	136.0
B398	346	GEO_Eqn_6.12b_nls02	2945.45	0.0	31.0	0.0	20.0	0.0	122.0
B398	346	GEO_Eqn_6.12b_nls02	3436.36	0.0	39.0	0.0	20.0	0.0	105.0
B398	346	GEO_Eqn_6.12b_nls02	3927.27	0.0	46.0	0.0	20.0	0.0	85.0
B398	346	GEO_Eqn_6.12b_nls02	4418.18	0.0	53.0	0.0	20.0	0.0	60.0
B398	346	GEO_Eqn_6.12b_nls02	4909.09	0.0	61.0	0.0	20.0	0.0	32.0
B398	346	GEO_Eqn_6.12b_nls02	5400	0.0	68.0	0.0	20.0	0.0	1.0
B398	346	GEO_Eqn_6.12b_nls02	5400	0.0	88.0	0.0	-23.0	0.0	201.0
B398	346	GEO_Eqn_6.12b_nls02	5890.91	0.0	96.0	0.0	-23.0	0.0	155.0
B398	346	GEO_Eqn_6.12b_nls02	6381.82	0.0	103.0	0.0	-23.0	0.0	107.0
B398	346	GEO_Eqn_6.12b_nls02	6872.73	0.0	110.0	0.0	-23.0	0.0	54.0
B398	346	GEO_Eqn_6.12b_nls02	7363.64	0.0	118.0	0.0	-23.0	0.0	-2.0
B398	346	GEO_Eqn_6.12b_nls02	7854.55	0.0	125.0	0.0	-23.0	0.0	-61.0
B398	346	GEO_Eqn_6.12b_nls02	8345.45	0.0	132.0	0.0	-23.0	0.0	-125.0
B398	346	GEO_Eqn_6.12b_nls02	8836.36	0.0	140.0	0.0	-23.0	0.0	-191.0
B398	346	GEO_Eqn_6.12b_nls02	9327.27	0.0	147.0	0.0	-23.0	0.0	-262.0
B398	346	GEO_Eqn_6.12b_nls02	9818.18	0.0	155.0	0.0	-23.0	0.0	-336.0
B398	346	GEO_Eqn_6.12b_nls02	10309.09	0.0	162.0	0.0	-23.0	0.0	-414.0
B398	346	GEO_Eqn_6.12b_nls02	10800	0.0	169.0	0.0	-23.0	0.0	-495.0
B398	346	GEO_Eqn_6.12b_nls03	0	0.0	-204.0	0.0	30.0	0.0	-615.0
B398	346	GEO_Eqn_6.12b_nls03	490.91	0.0	-196.0	0.0	30.0	0.0	-517.0
B398	346	GEO_Eqn_6.12b_nls03	981.82	0.0	-189.0	0.0	30.0	0.0	-422.0
B398	346	GEO_Eqn_6.12b_nls03	1472.73	0.0	-182.0	0.0	30.0	0.0	-331.0
B398	346	GEO_Eqn_6.12b_nls03	1963.64	0.0	-174.0	0.0	30.0	0.0	-244.0
B398	346	GEO_Eqn_6.12b_nls03	2454.55	0.0	-167.0	0.0	30.0	0.0	-160.0
B398	346	GEO_Eqn_6.12b_nls03	2945.45	0.0	-159.0	0.0	30.0	0.0	-80.0
B398	346	GEO_Eqn_6.12b_nls03	3436.36	0.0	-152.0	0.0	30.0	0.0	-4.0
B398	346	GEO_Eqn_6.12b_nls03	3927.27	0.0	-145.0	0.0	30.0	0.0	69.0
B398	346	GEO_Eqn_6.12b_nls03	4418.18	0.0	-137.0	0.0	30.0	0.0	138.0
B398	346	GEO_Eqn_6.12b_nls03	4909.09	0.0	-130.0	0.0	30.0	0.0	204.0
B398	346	GEO_Eqn_6.12b_nls03	5400	0.0	-123.0	0.0	30.0	0.0	266.0
B398	346	GEO_Eqn_6.12b_nls03	5400	0.0	-25.0	0.0	24.0	0.0	60.0
B398	346	GEO_Eqn_6.12b_nls03	5890.91	0.0	-18.0	0.0	24.0	0.0	71.0
B398	346	GEO_Eqn_6.12b_nls03	6381.82	0.0	-10.0	0.0	24.0	0.0	78.0
B398	346	GEO_Eqn_6.12b_nls03	6872.73	0.0	-3.0	0.0	24.0	0.0	81.0
B398	346	GEO_Eqn_6.12b_nls03	7363.64	0.0	4.0	0.0	24.0	0.0	81.0
B398	346	GEO_Eqn_6.12b_nls03	7854.55	0.0	12.0	0.0	24.0	0.0	77.0
B398	346	GEO_Eqn_6.12b_nls03	8345.45	0.0	19.0	0.0	24.0	0.0	69.0
B398	346	GEO_Eqn_6.12b_nls03	8836.36	0.0	27.0	0.0	24.0	0.0	58.0
B398	346	GEO_Eqn_6.12b_nls03	9327.27	0.0	34.0	0.0	24.0	0.0	43.0
B398	346	GEO_Eqn_6.12b_nls03	9818.18	0.0	41.0	0.0	24.0	0.0	25.0
B398	346	GEO_Eqn_6.12b_nls03	10309.09	0.0	49.0	0.0	24.0	0.0	3.0
B398	346	GEO_Eqn_6.12b_nls03	10800	0.0	56.0	0.0	24.0	0.0	-23.0
B398	346	GEO_Eqn_6.12b_nls04	0	0.0	-156.0	0.0	5.0	0.0	-484.0
B398	346	GEO_Eqn_6.12b_nls04	490.91	0.0	-149.0	0.0	5.0	0.0	-409.0
B398	346	GEO_Eqn_6.12b_nls04	981.82	0.0	-142.0	0.0	5.0	0.0	-337.0
B398	346	GEO_Eqn_6.12b_nls04	1472.73	0.0	-134.0	0.0	5.0	0.0	-270.0
B398	346	GEO_Eqn_6.12b_nls04	1963.64	0.0	-127.0	0.0	5.0	0.0	-205.0
B398	346	GEO_Eqn_6.12b_nls04	2454.55	0.0	-120.0	0.0	5.0	0.0	-145.0
B398	346	GEO_Eqn_6.12b_nls04	2945.45	0.0	-112.0	0.0	5.0	0.0	-88.0
B398	346	GEO_Eqn_6.12b_nls04	3436.36	0.0	-105.0	0.0	5.0	0.0	-35.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B398	346	GEO_Eqn_6.12b_nls04	3927.27	0.0	-98.0	0.0	5.0	0.0	15.0
B398	346	GEO_Eqn_6.12b_nls04	4418.18	0.0	-90.0	0.0	5.0	0.0	61.0
B398	346	GEO_Eqn_6.12b_nls04	4909.09	0.0	-83.0	0.0	5.0	0.0	104.0
B398	346	GEO_Eqn_6.12b_nls04	5400	0.0	-75.0	0.0	5.0	0.0	142.0
B398	346	GEO_Eqn_6.12b_nls04	5400	0.0	-46.0	0.0	5.0	0.0	-7.0
B398	346	GEO_Eqn_6.12b_nls04	5890.91	0.0	-39.0	0.0	5.0	0.0	14.0
B398	346	GEO_Eqn_6.12b_nls04	6381.82	0.0	-32.0	0.0	5.0	0.0	31.0
B398	346	GEO_Eqn_6.12b_nls04	6872.73	0.0	-24.0	0.0	5.0	0.0	45.0
B398	346	GEO_Eqn_6.12b_nls04	7363.64	0.0	-17.0	0.0	5.0	0.0	55.0
B398	346	GEO_Eqn_6.12b_nls04	7854.55	0.0	-9.0	0.0	5.0	0.0	61.0
B398	346	GEO_Eqn_6.12b_nls04	8345.45	0.0	-2.0	0.0	5.0	0.0	64.0
B398	346	GEO_Eqn_6.12b_nls04	8836.36	0.0	5.0	0.0	5.0	0.0	63.0
B398	346	GEO_Eqn_6.12b_nls04	9327.27	0.0	13.0	0.0	5.0	0.0	59.0
B398	346	GEO_Eqn_6.12b_nls04	9818.18	0.0	20.0	0.0	5.0	0.0	51.0
B398	346	GEO_Eqn_6.12b_nls04	10309.09	0.0	27.0	0.0	5.0	0.0	39.0
B398	346	GEO_Eqn_6.12b_nls04	10800	0.0	35.0	0.0	5.0	0.0	24.0
B398	346	GEO_Eqn_6.12b_nls05	0	0.0	-35.0	0.0	29.0	0.0	89.0
B398	346	GEO_Eqn_6.12b_nls05	490.91	0.0	-28.0	0.0	29.0	0.0	104.0
B398	346	GEO_Eqn_6.12b_nls05	981.82	0.0	-20.0	0.0	29.0	0.0	116.0
B398	346	GEO_Eqn_6.12b_nls05	1472.73	0.0	-13.0	0.0	29.0	0.0	124.0
B398	346	GEO_Eqn_6.12b_nls05	1963.64	0.0	-6.0	0.0	29.0	0.0	129.0
B398	346	GEO_Eqn_6.12b_nls05	2454.55	0.0	2.0	0.0	29.0	0.0	130.0
B398	346	GEO_Eqn_6.12b_nls05	2945.45	0.0	9.0	0.0	29.0	0.0	127.0
B398	346	GEO_Eqn_6.12b_nls05	3436.36	0.0	16.0	0.0	29.0	0.0	121.0
B398	346	GEO_Eqn_6.12b_nls05	3927.27	0.0	24.0	0.0	29.0	0.0	111.0
B398	346	GEO_Eqn_6.12b_nls05	4418.18	0.0	31.0	0.0	29.0	0.0	98.0
B398	346	GEO_Eqn_6.12b_nls05	4909.09	0.0	38.0	0.0	29.0	0.0	81.0
B398	346	GEO_Eqn_6.12b_nls05	5400	0.0	46.0	0.0	29.0	0.0	60.0
B398	346	GEO_Eqn_6.12b_nls05	5400	0.0	99.0	0.0	-17.0	0.0	235.0
B398	346	GEO_Eqn_6.12b_nls05	5890.91	0.0	107.0	0.0	-17.0	0.0	184.0
B398	346	GEO_Eqn_6.12b_nls05	6381.82	0.0	114.0	0.0	-17.0	0.0	130.0
B398	346	GEO_Eqn_6.12b_nls05	6872.73	0.0	121.0	0.0	-17.0	0.0	72.0
B398	346	GEO_Eqn_6.12b_nls05	7363.64	0.0	129.0	0.0	-17.0	0.0	11.0
B398	346	GEO_Eqn_6.12b_nls05	7854.55	0.0	136.0	0.0	-17.0	0.0	-54.0
B398	346	GEO_Eqn_6.12b_nls05	8345.45	0.0	143.0	0.0	-17.0	0.0	-123.0
B398	346	GEO_Eqn_6.12b_nls05	8836.36	0.0	151.0	0.0	-17.0	0.0	-195.0
B398	346	GEO_Eqn_6.12b_nls05	9327.27	0.0	158.0	0.0	-17.0	0.0	-271.0
B398	346	GEO_Eqn_6.12b_nls05	9818.18	0.0	165.0	0.0	-17.0	0.0	-350.0
B398	346	GEO_Eqn_6.12b_nls05	10309.09	0.0	173.0	0.0	-17.0	0.0	-433.0
B398	346	GEO_Eqn_6.12b_nls05	10800	0.0	180.0	0.0	-17.0	0.0	-520.0
B398	346	GEO_Eqn_6.12b_nls06	0	0.0	11.0	0.0	5.0	0.0	221.0
B398	346	GEO_Eqn_6.12b_nls06	490.91	0.0	19.0	0.0	5.0	0.0	214.0
B398	346	GEO_Eqn_6.12b_nls06	981.82	0.0	26.0	0.0	5.0	0.0	203.0
B398	346	GEO_Eqn_6.12b_nls06	1472.73	0.0	33.0	0.0	5.0	0.0	188.0
B398	346	GEO_Eqn_6.12b_nls06	1963.64	0.0	41.0	0.0	5.0	0.0	170.0
B398	346	GEO_Eqn_6.12b_nls06	2454.55	0.0	48.0	0.0	5.0	0.0	148.0
B398	346	GEO_Eqn_6.12b_nls06	2945.45	0.0	55.0	0.0	5.0	0.0	123.0
B398	346	GEO_Eqn_6.12b_nls06	3436.36	0.0	63.0	0.0	5.0	0.0	94.0
B398	346	GEO_Eqn_6.12b_nls06	3927.27	0.0	70.0	0.0	5.0	0.0	61.0
B398	346	GEO_Eqn_6.12b_nls06	4418.18	0.0	78.0	0.0	5.0	0.0	25.0
B398	346	GEO_Eqn_6.12b_nls06	4909.09	0.0	85.0	0.0	5.0	0.0	-15.0
B398	346	GEO_Eqn_6.12b_nls06	5400	0.0	92.0	0.0	5.0	0.0	-58.0
B398	346	GEO_Eqn_6.12b_nls06	5400	0.0	83.0	0.0	-37.0	0.0	179.0
B398	346	GEO_Eqn_6.12b_nls06	5890.91	0.0	90.0	0.0	-37.0	0.0	137.0
B398	346	GEO_Eqn_6.12b_nls06	6381.82	0.0	97.0	0.0	-37.0	0.0	91.0
B398	346	GEO_Eqn_6.12b_nls06	6872.73	0.0	105.0	0.0	-37.0	0.0	41.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B398	346	GEO_Eqn_6.12b_nls06	7363.64	0.0	112.0	0.0	-37.0	0.0	-12.0
B398	346	GEO_Eqn_6.12b_nls06	7854.55	0.0	120.0	0.0	-37.0	0.0	-69.0
B398	346	GEO_Eqn_6.12b_nls06	8345.45	0.0	127.0	0.0	-37.0	0.0	-130.0
B398	346	GEO_Eqn_6.12b_nls06	8836.36	0.0	134.0	0.0	-37.0	0.0	-194.0
B398	346	GEO_Eqn_6.12b_nls06	9327.27	0.0	142.0	0.0	-37.0	0.0	-261.0
B398	346	GEO_Eqn_6.12b_nls06	9818.18	0.0	149.0	0.0	-37.0	0.0	-333.0
B398	346	GEO_Eqn_6.12b_nls06	10309.09	0.0	156.0	0.0	-37.0	0.0	-408.0
B398	346	GEO_Eqn_6.12b_nls06	10800	0.0	164.0	0.0	-37.0	0.0	-486.0
B398	346	GEO_Eqn_6.12b_nls07	0	0.0	-204.0	0.0	34.0	0.0	-616.0
B398	346	GEO_Eqn_6.12b_nls07	490.91	0.0	-196.0	0.0	34.0	0.0	-518.0
B398	346	GEO_Eqn_6.12b_nls07	981.82	0.0	-189.0	0.0	34.0	0.0	-423.0
B398	346	GEO_Eqn_6.12b_nls07	1472.73	0.0	-182.0	0.0	34.0	0.0	-332.0
B398	346	GEO_Eqn_6.12b_nls07	1963.64	0.0	-174.0	0.0	34.0	0.0	-245.0
B398	346	GEO_Eqn_6.12b_nls07	2454.55	0.0	-167.0	0.0	34.0	0.0	-161.0
B398	346	GEO_Eqn_6.12b_nls07	2945.45	0.0	-159.0	0.0	34.0	0.0	-81.0
B398	346	GEO_Eqn_6.12b_nls07	3436.36	0.0	-152.0	0.0	34.0	0.0	-5.0
B398	346	GEO_Eqn_6.12b_nls07	3927.27	0.0	-145.0	0.0	34.0	0.0	68.0
B398	346	GEO_Eqn_6.12b_nls07	4418.18	0.0	-137.0	0.0	34.0	0.0	137.0
B398	346	GEO_Eqn_6.12b_nls07	4909.09	0.0	-130.0	0.0	34.0	0.0	203.0
B398	346	GEO_Eqn_6.12b_nls07	5400	0.0	-123.0	0.0	34.0	0.0	265.0
B398	346	GEO_Eqn_6.12b_nls07	5400	0.0	-26.0	0.0	28.0	0.0	57.0
B398	346	GEO_Eqn_6.12b_nls07	5890.91	0.0	-19.0	0.0	28.0	0.0	68.0
B398	346	GEO_Eqn_6.12b_nls07	6381.82	0.0	-12.0	0.0	28.0	0.0	76.0
B398	346	GEO_Eqn_6.12b_nls07	6872.73	0.0	-4.0	0.0	28.0	0.0	80.0
B398	346	GEO_Eqn_6.12b_nls07	7363.64	0.0	3.0	0.0	28.0	0.0	80.0
B398	346	GEO_Eqn_6.12b_nls07	7854.55	0.0	11.0	0.0	28.0	0.0	76.0
B398	346	GEO_Eqn_6.12b_nls07	8345.45	0.0	18.0	0.0	28.0	0.0	70.0
B398	346	GEO_Eqn_6.12b_nls07	8836.36	0.0	25.0	0.0	28.0	0.0	59.0
B398	346	GEO_Eqn_6.12b_nls07	9327.27	0.0	33.0	0.0	28.0	0.0	45.0
B398	346	GEO_Eqn_6.12b_nls07	9818.18	0.0	40.0	0.0	28.0	0.0	27.0
B398	346	GEO_Eqn_6.12b_nls07	10309.09	0.0	47.0	0.0	28.0	0.0	6.0
B398	346	GEO_Eqn_6.12b_nls07	10800	0.0	55.0	0.0	28.0	0.0	-19.0
B398	346	GEO_Eqn_6.12b_nls08	0	0.0	-157.0	0.0	9.0	0.0	-485.0
B398	346	GEO_Eqn_6.12b_nls08	490.91	0.0	-149.0	0.0	9.0	0.0	-410.0
B398	346	GEO_Eqn_6.12b_nls08	981.82	0.0	-142.0	0.0	9.0	0.0	-339.0
B398	346	GEO_Eqn_6.12b_nls08	1472.73	0.0	-134.0	0.0	9.0	0.0	-271.0
B398	346	GEO_Eqn_6.12b_nls08	1963.64	0.0	-127.0	0.0	9.0	0.0	-207.0
B398	346	GEO_Eqn_6.12b_nls08	2454.55	0.0	-120.0	0.0	9.0	0.0	-146.0
B398	346	GEO_Eqn_6.12b_nls08	2945.45	0.0	-112.0	0.0	9.0	0.0	-89.0
B398	346	GEO_Eqn_6.12b_nls08	3436.36	0.0	-105.0	0.0	9.0	0.0	-36.0
B398	346	GEO_Eqn_6.12b_nls08	3927.27	0.0	-98.0	0.0	9.0	0.0	14.0
B398	346	GEO_Eqn_6.12b_nls08	4418.18	0.0	-90.0	0.0	9.0	0.0	60.0
B398	346	GEO_Eqn_6.12b_nls08	4909.09	0.0	-83.0	0.0	9.0	0.0	103.0
B398	346	GEO_Eqn_6.12b_nls08	5400	0.0	-76.0	0.0	9.0	0.0	142.0
B398	346	GEO_Eqn_6.12b_nls08	5400	0.0	-47.0	0.0	9.0	0.0	-10.0
B398	346	GEO_Eqn_6.12b_nls08	5890.91	0.0	-40.0	0.0	9.0	0.0	12.0
B398	346	GEO_Eqn_6.12b_nls08	6381.82	0.0	-33.0	0.0	9.0	0.0	29.0
B398	346	GEO_Eqn_6.12b_nls08	6872.73	0.0	-25.0	0.0	9.0	0.0	44.0
B398	346	GEO_Eqn_6.12b_nls08	7363.64	0.0	-18.0	0.0	9.0	0.0	54.0
B398	346	GEO_Eqn_6.12b_nls08	7854.55	0.0	-11.0	0.0	9.0	0.0	61.0
B398	346	GEO_Eqn_6.12b_nls08	8345.45	0.0	-3.0	0.0	9.0	0.0	65.0
B398	346	GEO_Eqn_6.12b_nls08	8836.36	0.0	4.0	0.0	9.0	0.0	64.0
B398	346	GEO_Eqn_6.12b_nls08	9327.27	0.0	11.0	0.0	9.0	0.0	61.0
B398	346	GEO_Eqn_6.12b_nls08	9818.18	0.0	19.0	0.0	9.0	0.0	53.0
B398	346	GEO_Eqn_6.12b_nls08	10309.09	0.0	26.0	0.0	9.0	0.0	42.0
B398	346	GEO_Eqn_6.12b_nls08	10800	0.0	34.0	0.0	9.0	0.0	28.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B398	346	GEO_Eqn_6.12b_nls09	0	0.0	-147.0	0.0	56.0	0.0	-305.0
B398	346	GEO_Eqn_6.12b_nls09	490.91	0.0	-139.0	0.0	56.0	0.0	-235.0
B398	346	GEO_Eqn_6.12b_nls09	981.82	0.0	-132.0	0.0	56.0	0.0	-168.0
B398	346	GEO_Eqn_6.12b_nls09	1472.73	0.0	-124.0	0.0	56.0	0.0	-105.0
B398	346	GEO_Eqn_6.12b_nls09	1963.64	0.0	-117.0	0.0	56.0	0.0	-46.0
B398	346	GEO_Eqn_6.12b_nls09	2454.55	0.0	-110.0	0.0	56.0	0.0	10.0
B398	346	GEO_Eqn_6.12b_nls09	2945.45	0.0	-102.0	0.0	56.0	0.0	62.0
B398	346	GEO_Eqn_6.12b_nls09	3436.36	0.0	-95.0	0.0	56.0	0.0	110.0
B398	346	GEO_Eqn_6.12b_nls09	3927.27	0.0	-88.0	0.0	56.0	0.0	155.0
B398	346	GEO_Eqn_6.12b_nls09	4418.18	0.0	-80.0	0.0	56.0	0.0	196.0
B398	346	GEO_Eqn_6.12b_nls09	4909.09	0.0	-73.0	0.0	56.0	0.0	234.0
B398	346	GEO_Eqn_6.12b_nls09	5400	0.0	-66.0	0.0	56.0	0.0	268.0
B398	346	GEO_Eqn_6.12b_nls09	5400	0.0	76.0	0.0	17.0	0.0	237.0
B398	346	GEO_Eqn_6.12b_nls09	5890.91	0.0	83.0	0.0	17.0	0.0	199.0
B398	346	GEO_Eqn_6.12b_nls09	6381.82	0.0	90.0	0.0	17.0	0.0	156.0
B398	346	GEO_Eqn_6.12b_nls09	6872.73	0.0	98.0	0.0	17.0	0.0	110.0
B398	346	GEO_Eqn_6.12b_nls09	7363.64	0.0	105.0	0.0	17.0	0.0	60.0
B398	346	GEO_Eqn_6.12b_nls09	7854.55	0.0	112.0	0.0	17.0	0.0	7.0
B398	346	GEO_Eqn_6.12b_nls09	8345.45	0.0	120.0	0.0	17.0	0.0	-50.0
B398	346	GEO_Eqn_6.12b_nls09	8836.36	0.0	127.0	0.0	17.0	0.0	-110.0
B398	346	GEO_Eqn_6.12b_nls09	9327.27	0.0	134.0	0.0	17.0	0.0	-175.0
B398	346	GEO_Eqn_6.12b_nls09	9818.18	0.0	142.0	0.0	17.0	0.0	-242.0
B398	346	GEO_Eqn_6.12b_nls09	10309.09	0.0	149.0	0.0	17.0	0.0	-314.0
B398	346	GEO_Eqn_6.12b_nls09	10800	0.0	156.0	0.0	17.0	0.0	-389.0
B398	346	GEO_Eqn_6.12b_nls10	0	0.0	-203.0	0.0	58.0	0.0	-534.0
B398	346	GEO_Eqn_6.12b_nls10	490.91	0.0	-195.0	0.0	58.0	0.0	-436.0
B398	346	GEO_Eqn_6.12b_nls10	981.82	0.0	-188.0	0.0	58.0	0.0	-342.0
B398	346	GEO_Eqn_6.12b_nls10	1472.73	0.0	-180.0	0.0	58.0	0.0	-252.0
B398	346	GEO_Eqn_6.12b_nls10	1963.64	0.0	-173.0	0.0	58.0	0.0	-165.0
B398	346	GEO_Eqn_6.12b_nls10	2454.55	0.0	-166.0	0.0	58.0	0.0	-82.0
B398	346	GEO_Eqn_6.12b_nls10	2945.45	0.0	-158.0	0.0	58.0	0.0	-2.0
B398	346	GEO_Eqn_6.12b_nls10	3436.36	0.0	-151.0	0.0	58.0	0.0	74.0
B398	346	GEO_Eqn_6.12b_nls10	3927.27	0.0	-144.0	0.0	58.0	0.0	146.0
B398	346	GEO_Eqn_6.12b_nls10	4418.18	0.0	-136.0	0.0	58.0	0.0	215.0
B398	346	GEO_Eqn_6.12b_nls10	4909.09	0.0	-129.0	0.0	58.0	0.0	280.0
B398	346	GEO_Eqn_6.12b_nls10	5400	0.0	-122.0	0.0	58.0	0.0	341.0
B398	346	GEO_Eqn_6.12b_nls10	5400	0.0	40.0	0.0	31.0	0.0	195.0
B398	346	GEO_Eqn_6.12b_nls10	5890.91	0.0	47.0	0.0	31.0	0.0	173.0
B398	346	GEO_Eqn_6.12b_nls10	6381.82	0.0	55.0	0.0	31.0	0.0	148.0
B398	346	GEO_Eqn_6.12b_nls10	6872.73	0.0	62.0	0.0	31.0	0.0	120.0
B398	346	GEO_Eqn_6.12b_nls10	7363.64	0.0	69.0	0.0	31.0	0.0	87.0
B398	346	GEO_Eqn_6.12b_nls10	7854.55	0.0	77.0	0.0	31.0	0.0	51.0
B398	346	GEO_Eqn_6.12b_nls10	8345.45	0.0	84.0	0.0	31.0	0.0	12.0
B398	346	GEO_Eqn_6.12b_nls10	8836.36	0.0	91.0	0.0	31.0	0.0	-31.0
B398	346	GEO_Eqn_6.12b_nls10	9327.27	0.0	99.0	0.0	31.0	0.0	-78.0
B398	346	GEO_Eqn_6.12b_nls10	9818.18	0.0	106.0	0.0	31.0	0.0	-128.0
B398	346	GEO_Eqn_6.12b_nls10	10309.09	0.0	114.0	0.0	31.0	0.0	-182.0
B398	346	GEO_Eqn_6.12b_nls10	10800	0.0	121.0	0.0	31.0	0.0	-240.0
B398	346	GEO_Eqn_6.12b_nls11	0	0.0	9.0	0.0	-18.0	0.0	132.0
B398	346	GEO_Eqn_6.12b_nls11	490.91	0.0	17.0	0.0	-18.0	0.0	126.0
B398	346	GEO_Eqn_6.12b_nls11	981.82	0.0	24.0	0.0	-18.0	0.0	116.0
B398	346	GEO_Eqn_6.12b_nls11	1472.73	0.0	31.0	0.0	-18.0	0.0	103.0
B398	346	GEO_Eqn_6.12b_nls11	1963.64	0.0	39.0	0.0	-18.0	0.0	86.0
B398	346	GEO_Eqn_6.12b_nls11	2454.55	0.0	46.0	0.0	-18.0	0.0	65.0
B398	346	GEO_Eqn_6.12b_nls11	2945.45	0.0	53.0	0.0	-18.0	0.0	40.0
B398	346	GEO_Eqn_6.12b_nls11	3436.36	0.0	61.0	0.0	-18.0	0.0	12.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B398	346	GEO_Eqn_6.12b_nls11	3927.27	0.0	68.0	0.0	-18.0	0.0	-19.0
B398	346	GEO_Eqn_6.12b_nls11	4418.18	0.0	75.0	0.0	-18.0	0.0	-54.0
B398	346	GEO_Eqn_6.12b_nls11	4909.09	0.0	83.0	0.0	-18.0	0.0	-93.0
B398	346	GEO_Eqn_6.12b_nls11	5400	0.0	90.0	0.0	-18.0	0.0	-136.0
B398	346	GEO_Eqn_6.12b_nls11	5400	0.0	12.0	0.0	-36.0	0.0	31.0
B398	346	GEO_Eqn_6.12b_nls11	5890.91	0.0	19.0	0.0	-36.0	0.0	23.0
B398	346	GEO_Eqn_6.12b_nls11	6381.82	0.0	27.0	0.0	-36.0	0.0	12.0
B398	346	GEO_Eqn_6.12b_nls11	6872.73	0.0	34.0	0.0	-36.0	0.0	-3.0
B398	346	GEO_Eqn_6.12b_nls11	7363.64	0.0	41.0	0.0	-36.0	0.0	-22.0
B398	346	GEO_Eqn_6.12b_nls11	7854.55	0.0	49.0	0.0	-36.0	0.0	-44.0
B398	346	GEO_Eqn_6.12b_nls11	8345.45	0.0	56.0	0.0	-36.0	0.0	-70.0
B398	346	GEO_Eqn_6.12b_nls11	8836.36	0.0	64.0	0.0	-36.0	0.0	-99.0
B398	346	GEO_Eqn_6.12b_nls11	9327.27	0.0	71.0	0.0	-36.0	0.0	-132.0
B398	346	GEO_Eqn_6.12b_nls11	9818.18	0.0	78.0	0.0	-36.0	0.0	-169.0
B398	346	GEO_Eqn_6.12b_nls11	10309.09	0.0	86.0	0.0	-36.0	0.0	-209.0
B398	346	GEO_Eqn_6.12b_nls11	10800	0.0	93.0	0.0	-36.0	0.0	-253.0
B398	346	GEO_Eqn_6.12b_nls12	0	0.0	-40.0	0.0	-19.0	0.0	-74.0
B398	346	GEO_Eqn_6.12b_nls12	490.91	0.0	-32.0	0.0	-19.0	0.0	-56.0
B398	346	GEO_Eqn_6.12b_nls12	981.82	0.0	-25.0	0.0	-19.0	0.0	-42.0
B398	346	GEO_Eqn_6.12b_nls12	1472.73	0.0	-18.0	0.0	-19.0	0.0	-32.0
B398	346	GEO_Eqn_6.12b_nls12	1963.64	0.0	-10.0	0.0	-19.0	0.0	-25.0
B398	346	GEO_Eqn_6.12b_nls12	2454.55	0.0	-3.0	0.0	-19.0	0.0	-22.0
B398	346	GEO_Eqn_6.12b_nls12	2945.45	0.0	5.0	0.0	-19.0	0.0	-22.0
B398	346	GEO_Eqn_6.12b_nls12	3436.36	0.0	12.0	0.0	-19.0	0.0	-26.0
B398	346	GEO_Eqn_6.12b_nls12	3927.27	0.0	19.0	0.0	-19.0	0.0	-34.0
B398	346	GEO_Eqn_6.12b_nls12	4418.18	0.0	27.0	0.0	-19.0	0.0	-45.0
B398	346	GEO_Eqn_6.12b_nls12	4909.09	0.0	34.0	0.0	-19.0	0.0	-60.0
B398	346	GEO_Eqn_6.12b_nls12	5400	0.0	41.0	0.0	-19.0	0.0	-79.0
B398	346	GEO_Eqn_6.12b_nls12	5400	0.0	-26.0	0.0	-24.0	0.0	-25.0
B398	346	GEO_Eqn_6.12b_nls12	5890.91	0.0	-19.0	0.0	-24.0	0.0	-14.0
B398	346	GEO_Eqn_6.12b_nls12	6381.82	0.0	-12.0	0.0	-24.0	0.0	-6.0
B398	346	GEO_Eqn_6.12b_nls12	6872.73	0.0	-4.0	0.0	-24.0	0.0	-2.0
B398	346	GEO_Eqn_6.12b_nls12	7363.64	0.0	3.0	0.0	-24.0	0.0	-2.0
B398	346	GEO_Eqn_6.12b_nls12	7854.55	0.0	10.0	0.0	-24.0	0.0	-5.0
B398	346	GEO_Eqn_6.12b_nls12	8345.45	0.0	18.0	0.0	-24.0	0.0	-12.0
B398	346	GEO_Eqn_6.12b_nls12	8836.36	0.0	25.0	0.0	-24.0	0.0	-22.0
B398	346	GEO_Eqn_6.12b_nls12	9327.27	0.0	32.0	0.0	-24.0	0.0	-36.0
B398	346	GEO_Eqn_6.12b_nls12	9818.18	0.0	40.0	0.0	-24.0	0.0	-54.0
B398	346	GEO_Eqn_6.12b_nls12	10309.09	0.0	47.0	0.0	-24.0	0.0	-76.0
B398	346	GEO_Eqn_6.12b_nls12	10800	0.0	54.0	0.0	-24.0	0.0	-100.0
B398	346	GEO_Eqn_6.12b_nls13	0	0.0	-151.0	0.0	66.0	0.0	-325.0
B398	346	GEO_Eqn_6.12b_nls13	490.91	0.0	-143.0	0.0	66.0	0.0	-253.0
B398	346	GEO_Eqn_6.12b_nls13	981.82	0.0	-136.0	0.0	66.0	0.0	-184.0
B398	346	GEO_Eqn_6.12b_nls13	1472.73	0.0	-129.0	0.0	66.0	0.0	-119.0
B398	346	GEO_Eqn_6.12b_nls13	1963.64	0.0	-121.0	0.0	66.0	0.0	-58.0
B398	346	GEO_Eqn_6.12b_nls13	2454.55	0.0	-114.0	0.0	66.0	0.0	0.0
B398	346	GEO_Eqn_6.12b_nls13	2945.45	0.0	-107.0	0.0	66.0	0.0	54.0
B398	346	GEO_Eqn_6.12b_nls13	3436.36	0.0	-99.0	0.0	66.0	0.0	105.0
B398	346	GEO_Eqn_6.12b_nls13	3927.27	0.0	-92.0	0.0	66.0	0.0	151.0
B398	346	GEO_Eqn_6.12b_nls13	4418.18	0.0	-84.0	0.0	66.0	0.0	195.0
B398	346	GEO_Eqn_6.12b_nls13	4909.09	0.0	-77.0	0.0	66.0	0.0	234.0
B398	346	GEO_Eqn_6.12b_nls13	5400	0.0	-70.0	0.0	66.0	0.0	270.0
B398	346	GEO_Eqn_6.12b_nls13	5400	0.0	69.0	0.0	29.0	0.0	225.0
B398	346	GEO_Eqn_6.12b_nls13	5890.91	0.0	77.0	0.0	29.0	0.0	189.0
B398	346	GEO_Eqn_6.12b_nls13	6381.82	0.0	84.0	0.0	29.0	0.0	150.0
B398	346	GEO_Eqn_6.12b_nls13	6872.73	0.0	91.0	0.0	29.0	0.0	107.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B398	346	GEO_Eqn_6.12b_nls13	7363.64	0.0	99.0	0.0	29.0	0.0	60.0
B398	346	GEO_Eqn_6.12b_nls13	7854.55	0.0	106.0	0.0	29.0	0.0	10.0
B398	346	GEO_Eqn_6.12b_nls13	8345.45	0.0	113.0	0.0	29.0	0.0	-44.0
B398	346	GEO_Eqn_6.12b_nls13	8836.36	0.0	121.0	0.0	29.0	0.0	-101.0
B398	346	GEO_Eqn_6.12b_nls13	9327.27	0.0	128.0	0.0	29.0	0.0	-162.0
B398	346	GEO_Eqn_6.12b_nls13	9818.18	0.0	135.0	0.0	29.0	0.0	-227.0
B398	346	GEO_Eqn_6.12b_nls13	10309.09	0.0	143.0	0.0	29.0	0.0	-295.0
B398	346	GEO_Eqn_6.12b_nls13	10800	0.0	150.0	0.0	29.0	0.0	-367.0
B398	346	GEO_Eqn_6.12b_nls14	0	0.0	-209.0	0.0	70.0	0.0	-558.0
B398	346	GEO_Eqn_6.12b_nls14	490.91	0.0	-201.0	0.0	70.0	0.0	-457.0
B398	346	GEO_Eqn_6.12b_nls14	981.82	0.0	-194.0	0.0	70.0	0.0	-360.0
B398	346	GEO_Eqn_6.12b_nls14	1472.73	0.0	-187.0	0.0	70.0	0.0	-267.0
B398	346	GEO_Eqn_6.12b_nls14	1963.64	0.0	-179.0	0.0	70.0	0.0	-177.0
B398	346	GEO_Eqn_6.12b_nls14	2454.55	0.0	-172.0	0.0	70.0	0.0	-91.0
B398	346	GEO_Eqn_6.12b_nls14	2945.45	0.0	-164.0	0.0	70.0	0.0	-8.0
B398	346	GEO_Eqn_6.12b_nls14	3436.36	0.0	-157.0	0.0	70.0	0.0	71.0
B398	346	GEO_Eqn_6.12b_nls14	3927.27	0.0	-150.0	0.0	70.0	0.0	146.0
B398	346	GEO_Eqn_6.12b_nls14	4418.18	0.0	-142.0	0.0	70.0	0.0	218.0
B398	346	GEO_Eqn_6.12b_nls14	4909.09	0.0	-135.0	0.0	70.0	0.0	286.0
B398	346	GEO_Eqn_6.12b_nls14	5400	0.0	-128.0	0.0	70.0	0.0	350.0
B398	346	GEO_Eqn_6.12b_nls14	5400	0.0	36.0	0.0	43.0	0.0	188.0
B398	346	GEO_Eqn_6.12b_nls14	5890.91	0.0	43.0	0.0	43.0	0.0	169.0
B398	346	GEO_Eqn_6.12b_nls14	6381.82	0.0	50.0	0.0	43.0	0.0	146.0
B398	346	GEO_Eqn_6.12b_nls14	6872.73	0.0	58.0	0.0	43.0	0.0	119.0
B398	346	GEO_Eqn_6.12b_nls14	7363.64	0.0	65.0	0.0	43.0	0.0	89.0
B398	346	GEO_Eqn_6.12b_nls14	7854.55	0.0	72.0	0.0	43.0	0.0	55.0
B398	346	GEO_Eqn_6.12b_nls14	8345.45	0.0	80.0	0.0	43.0	0.0	18.0
B398	346	GEO_Eqn_6.12b_nls14	8836.36	0.0	87.0	0.0	43.0	0.0	-23.0
B398	346	GEO_Eqn_6.12b_nls14	9327.27	0.0	94.0	0.0	43.0	0.0	-67.0
B398	346	GEO_Eqn_6.12b_nls14	9818.18	0.0	102.0	0.0	43.0	0.0	-116.0
B398	346	GEO_Eqn_6.12b_nls14	10309.09	0.0	109.0	0.0	43.0	0.0	-167.0
B398	346	GEO_Eqn_6.12b_nls14	10800	0.0	117.0	0.0	43.0	0.0	-223.0
B398	346	GEO_Eqn_6.12b_nls15	0	0.0	13.0	0.0	-27.0	0.0	152.0
B398	346	GEO_Eqn_6.12b_nls15	490.91	0.0	21.0	0.0	-27.0	0.0	144.0
B398	346	GEO_Eqn_6.12b_nls15	981.82	0.0	28.0	0.0	-27.0	0.0	132.0
B398	346	GEO_Eqn_6.12b_nls15	1472.73	0.0	35.0	0.0	-27.0	0.0	116.0
B398	346	GEO_Eqn_6.12b_nls15	1963.64	0.0	43.0	0.0	-27.0	0.0	97.0
B398	346	GEO_Eqn_6.12b_nls15	2454.55	0.0	50.0	0.0	-27.0	0.0	74.0
B398	346	GEO_Eqn_6.12b_nls15	2945.45	0.0	57.0	0.0	-27.0	0.0	48.0
B398	346	GEO_Eqn_6.12b_nls15	3436.36	0.0	65.0	0.0	-27.0	0.0	18.0
B398	346	GEO_Eqn_6.12b_nls15	3927.27	0.0	72.0	0.0	-27.0	0.0	-16.0
B398	346	GEO_Eqn_6.12b_nls15	4418.18	0.0	80.0	0.0	-27.0	0.0	-53.0
B398	346	GEO_Eqn_6.12b_nls15	4909.09	0.0	87.0	0.0	-27.0	0.0	-94.0
B398	346	GEO_Eqn_6.12b_nls15	5400	0.0	94.0	0.0	-27.0	0.0	-138.0
B398	346	GEO_Eqn_6.12b_nls15	5400	0.0	19.0	0.0	-48.0	0.0	47.0
B398	346	GEO_Eqn_6.12b_nls15	5890.91	0.0	27.0	0.0	-48.0	0.0	36.0
B398	346	GEO_Eqn_6.12b_nls15	6381.82	0.0	34.0	0.0	-48.0	0.0	21.0
B398	346	GEO_Eqn_6.12b_nls15	6872.73	0.0	41.0	0.0	-48.0	0.0	3.0
B398	346	GEO_Eqn_6.12b_nls15	7363.64	0.0	49.0	0.0	-48.0	0.0	-19.0
B398	346	GEO_Eqn_6.12b_nls15	7854.55	0.0	56.0	0.0	-48.0	0.0	-45.0
B398	346	GEO_Eqn_6.12b_nls15	8345.45	0.0	63.0	0.0	-48.0	0.0	-74.0
B398	346	GEO_Eqn_6.12b_nls15	8836.36	0.0	71.0	0.0	-48.0	0.0	-107.0
B398	346	GEO_Eqn_6.12b_nls15	9327.27	0.0	78.0	0.0	-48.0	0.0	-144.0
B398	346	GEO_Eqn_6.12b_nls15	9818.18	0.0	85.0	0.0	-48.0	0.0	-184.0
B398	346	GEO_Eqn_6.12b_nls15	10309.09	0.0	93.0	0.0	-48.0	0.0	-228.0
B398	346	GEO_Eqn_6.12b_nls15	10800	0.0	100.0	0.0	-48.0	0.0	-275.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B398	346	GEO_Eqn_6.12b_nls16	0	0.0	-36.0	0.0	-29.0	0.0	-60.0
B398	346	GEO_Eqn_6.12b_nls16	490.91	0.0	-29.0	0.0	-29.0	0.0	-44.0
B398	346	GEO_Eqn_6.12b_nls16	981.82	0.0	-22.0	0.0	-29.0	0.0	-32.0
B398	346	GEO_Eqn_6.12b_nls16	1472.73	0.0	-14.0	0.0	-29.0	0.0	-23.0
B398	346	GEO_Eqn_6.12b_nls16	1963.64	0.0	-7.0	0.0	-29.0	0.0	-18.0
B398	346	GEO_Eqn_6.12b_nls16	2454.55	0.0	1.0	0.0	-29.0	0.0	-16.0
B398	346	GEO_Eqn_6.12b_nls16	2945.45	0.0	8.0	0.0	-29.0	0.0	-18.0
B398	346	GEO_Eqn_6.12b_nls16	3436.36	0.0	15.0	0.0	-29.0	0.0	-24.0
B398	346	GEO_Eqn_6.12b_nls16	3927.27	0.0	23.0	0.0	-29.0	0.0	-33.0
B398	346	GEO_Eqn_6.12b_nls16	4418.18	0.0	30.0	0.0	-29.0	0.0	-46.0
B398	346	GEO_Eqn_6.12b_nls16	4909.09	0.0	37.0	0.0	-29.0	0.0	-63.0
B398	346	GEO_Eqn_6.12b_nls16	5400	0.0	45.0	0.0	-29.0	0.0	-83.0
B398	346	GEO_Eqn_6.12b_nls16	5400	0.0	-23.0	0.0	-36.0	0.0	-16.0
B398	346	GEO_Eqn_6.12b_nls16	5890.91	0.0	-15.0	0.0	-36.0	0.0	-7.0
B398	346	GEO_Eqn_6.12b_nls16	6381.82	0.0	-8.0	0.0	-36.0	0.0	-1.0
B398	346	GEO_Eqn_6.12b_nls16	6872.73	0.0	-1.0	0.0	-36.0	0.0	1.0
B398	346	GEO_Eqn_6.12b_nls16	7363.64	0.0	7.0	0.0	-36.0	0.0	-0.3
B398	346	GEO_Eqn_6.12b_nls16	7854.55	0.0	14.0	0.0	-36.0	0.0	-5.0
B398	346	GEO_Eqn_6.12b_nls16	8345.45	0.0	21.0	0.0	-36.0	0.0	-14.0
B398	346	GEO_Eqn_6.12b_nls16	8836.36	0.0	29.0	0.0	-36.0	0.0	-26.0
B398	346	GEO_Eqn_6.12b_nls16	9327.27	0.0	36.0	0.0	-36.0	0.0	-42.0
B398	346	GEO_Eqn_6.12b_nls16	9818.18	0.0	44.0	0.0	-36.0	0.0	-62.0
B398	346	GEO_Eqn_6.12b_nls16	10309.09	0.0	51.0	0.0	-36.0	0.0	-85.0
B398	346	GEO_Eqn_6.12b_nls16	10800	0.0	58.0	0.0	-36.0	0.0	-112.0
B399	348	GEO_Eqn_6.12b_nls01	0	0.0	61.0	0.0	22.0	0.0	345.0
B399	348	GEO_Eqn_6.12b_nls01	490.91	0.0	69.0	0.0	22.0	0.0	313.0
B399	348	GEO_Eqn_6.12b_nls01	981.82	0.0	76.0	0.0	22.0	0.0	277.0
B399	348	GEO_Eqn_6.12b_nls01	1472.73	0.0	83.0	0.0	22.0	0.0	238.0
B399	348	GEO_Eqn_6.12b_nls01	1963.64	0.0	91.0	0.0	22.0	0.0	195.0
B399	348	GEO_Eqn_6.12b_nls01	2454.55	0.0	98.0	0.0	22.0	0.0	149.0
B399	348	GEO_Eqn_6.12b_nls01	2945.45	0.0	105.0	0.0	22.0	0.0	99.0
B399	348	GEO_Eqn_6.12b_nls01	3436.36	0.0	113.0	0.0	22.0	0.0	46.0
B399	348	GEO_Eqn_6.12b_nls01	3927.27	0.0	120.0	0.0	22.0	0.0	-12.0
B399	348	GEO_Eqn_6.12b_nls01	4418.18	0.0	128.0	0.0	22.0	0.0	-72.0
B399	348	GEO_Eqn_6.12b_nls01	4909.09	0.0	135.0	0.0	22.0	0.0	-137.0
B399	348	GEO_Eqn_6.12b_nls01	5400	0.0	142.0	0.0	22.0	0.0	-205.0
B399	348	GEO_Eqn_6.12b_nls01	5400	0.0	61.0	0.0	33.0	0.0	124.0
B399	348	GEO_Eqn_6.12b_nls01	5890.91	0.0	68.0	0.0	33.0	0.0	92.0
B399	348	GEO_Eqn_6.12b_nls01	6381.82	0.0	76.0	0.0	33.0	0.0	57.0
B399	348	GEO_Eqn_6.12b_nls01	6872.73	0.0	83.0	0.0	33.0	0.0	18.0
B399	348	GEO_Eqn_6.12b_nls01	7363.64	0.0	90.0	0.0	33.0	0.0	-25.0
B399	348	GEO_Eqn_6.12b_nls01	7854.55	0.0	98.0	0.0	33.0	0.0	-71.0
B399	348	GEO_Eqn_6.12b_nls01	8345.45	0.0	105.0	0.0	33.0	0.0	-121.0
B399	348	GEO_Eqn_6.12b_nls01	8836.36	0.0	113.0	0.0	33.0	0.0	-174.0
B399	348	GEO_Eqn_6.12b_nls01	9327.27	0.0	120.0	0.0	33.0	0.0	-231.0
B399	348	GEO_Eqn_6.12b_nls01	9818.18	0.0	127.0	0.0	33.0	0.0	-292.0
B399	348	GEO_Eqn_6.12b_nls01	10309.09	0.0	135.0	0.0	33.0	0.0	-356.0
B399	348	GEO_Eqn_6.12b_nls01	10800	0.0	142.0	0.0	33.0	0.0	-424.0
B399	348	GEO_Eqn_6.12b_nls02	0	0.0	36.0	0.0	10.0	0.0	273.0
B399	348	GEO_Eqn_6.12b_nls02	490.91	0.0	43.0	0.0	10.0	0.0	254.0
B399	348	GEO_Eqn_6.12b_nls02	981.82	0.0	51.0	0.0	10.0	0.0	231.0
B399	348	GEO_Eqn_6.12b_nls02	1472.73	0.0	58.0	0.0	10.0	0.0	204.0
B399	348	GEO_Eqn_6.12b_nls02	1963.64	0.0	65.0	0.0	10.0	0.0	174.0
B399	348	GEO_Eqn_6.12b_nls02	2454.55	0.0	73.0	0.0	10.0	0.0	140.0
B399	348	GEO_Eqn_6.12b_nls02	2945.45	0.0	80.0	0.0	10.0	0.0	103.0
B399	348	GEO_Eqn_6.12b_nls02	3436.36	0.0	87.0	0.0	10.0	0.0	61.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B399	348	GEO_Eqn_6.12b_nls02	3927.27	0.0	95.0	0.0	10.0	0.0	17.0
B399	348	GEO_Eqn_6.12b_nls02	4418.18	0.0	102.0	0.0	10.0	0.0	-32.0
B399	348	GEO_Eqn_6.12b_nls02	4909.09	0.0	109.0	0.0	10.0	0.0	-83.0
B399	348	GEO_Eqn_6.12b_nls02	5400	0.0	117.0	0.0	10.0	0.0	-139.0
B399	348	GEO_Eqn_6.12b_nls02	5400	0.0	73.0	0.0	25.0	0.0	155.0
B399	348	GEO_Eqn_6.12b_nls02	5890.91	0.0	80.0	0.0	25.0	0.0	118.0
B399	348	GEO_Eqn_6.12b_nls02	6381.82	0.0	88.0	0.0	25.0	0.0	76.0
B399	348	GEO_Eqn_6.12b_nls02	6872.73	0.0	95.0	0.0	25.0	0.0	31.0
B399	348	GEO_Eqn_6.12b_nls02	7363.64	0.0	103.0	0.0	25.0	0.0	-17.0
B399	348	GEO_Eqn_6.12b_nls02	7854.55	0.0	110.0	0.0	25.0	0.0	-69.0
B399	348	GEO_Eqn_6.12b_nls02	8345.45	0.0	117.0	0.0	25.0	0.0	-125.0
B399	348	GEO_Eqn_6.12b_nls02	8836.36	0.0	125.0	0.0	25.0	0.0	-184.0
B399	348	GEO_Eqn_6.12b_nls02	9327.27	0.0	132.0	0.0	25.0	0.0	-247.0
B399	348	GEO_Eqn_6.12b_nls02	9818.18	0.0	139.0	0.0	25.0	0.0	-314.0
B399	348	GEO_Eqn_6.12b_nls02	10309.09	0.0	147.0	0.0	25.0	0.0	-384.0
B399	348	GEO_Eqn_6.12b_nls02	10800	0.0	154.0	0.0	25.0	0.0	-458.0
B399	348	GEO_Eqn_6.12b_nls03	0	0.0	-142.0	0.0	-4.0	0.0	-440.0
B399	348	GEO_Eqn_6.12b_nls03	490.91	0.0	-135.0	0.0	-4.0	0.0	-372.0
B399	348	GEO_Eqn_6.12b_nls03	981.82	0.0	-128.0	0.0	-4.0	0.0	-308.0
B399	348	GEO_Eqn_6.12b_nls03	1472.73	0.0	-120.0	0.0	-4.0	0.0	-247.0
B399	348	GEO_Eqn_6.12b_nls03	1963.64	0.0	-113.0	0.0	-4.0	0.0	-189.0
B399	348	GEO_Eqn_6.12b_nls03	2454.55	0.0	-106.0	0.0	-4.0	0.0	-136.0
B399	348	GEO_Eqn_6.12b_nls03	2945.45	0.0	-98.0	0.0	-4.0	0.0	-86.0
B399	348	GEO_Eqn_6.12b_nls03	3436.36	0.0	-91.0	0.0	-4.0	0.0	-39.0
B399	348	GEO_Eqn_6.12b_nls03	3927.27	0.0	-84.0	0.0	-4.0	0.0	4.0
B399	348	GEO_Eqn_6.12b_nls03	4418.18	0.0	-76.0	0.0	-4.0	0.0	43.0
B399	348	GEO_Eqn_6.12b_nls03	4909.09	0.0	-69.0	0.0	-4.0	0.0	78.0
B399	348	GEO_Eqn_6.12b_nls03	5400	0.0	-62.0	0.0	-4.0	0.0	110.0
B399	348	GEO_Eqn_6.12b_nls03	5400	0.0	-75.0	0.0	-18.0	0.0	-84.0
B399	348	GEO_Eqn_6.12b_nls03	5890.91	0.0	-68.0	0.0	-18.0	0.0	-49.0
B399	348	GEO_Eqn_6.12b_nls03	6381.82	0.0	-60.0	0.0	-18.0	0.0	-18.0
B399	348	GEO_Eqn_6.12b_nls03	6872.73	0.0	-53.0	0.0	-18.0	0.0	10.0
B399	348	GEO_Eqn_6.12b_nls03	7363.64	0.0	-46.0	0.0	-18.0	0.0	34.0
B399	348	GEO_Eqn_6.12b_nls03	7854.55	0.0	-38.0	0.0	-18.0	0.0	55.0
B399	348	GEO_Eqn_6.12b_nls03	8345.45	0.0	-31.0	0.0	-18.0	0.0	72.0
B399	348	GEO_Eqn_6.12b_nls03	8836.36	0.0	-24.0	0.0	-18.0	0.0	85.0
B399	348	GEO_Eqn_6.12b_nls03	9327.27	0.0	-16.0	0.0	-18.0	0.0	95.0
B399	348	GEO_Eqn_6.12b_nls03	9818.18	0.0	-9.0	0.0	-18.0	0.0	101.0
B399	348	GEO_Eqn_6.12b_nls03	10309.09	0.0	-1.0	0.0	-18.0	0.0	104.0
B399	348	GEO_Eqn_6.12b_nls03	10800	0.0	6.0	0.0	-18.0	0.0	102.0
B399	348	GEO_Eqn_6.12b_nls04	0	0.0	-197.0	0.0	-29.0	0.0	-596.0
B399	348	GEO_Eqn_6.12b_nls04	490.91	0.0	-190.0	0.0	-29.0	0.0	-501.0
B399	348	GEO_Eqn_6.12b_nls04	981.82	0.0	-182.0	0.0	-29.0	0.0	-409.0
B399	348	GEO_Eqn_6.12b_nls04	1472.73	0.0	-175.0	0.0	-29.0	0.0	-322.0
B399	348	GEO_Eqn_6.12b_nls04	1963.64	0.0	-168.0	0.0	-29.0	0.0	-238.0
B399	348	GEO_Eqn_6.12b_nls04	2454.55	0.0	-160.0	0.0	-29.0	0.0	-157.0
B399	348	GEO_Eqn_6.12b_nls04	2945.45	0.0	-153.0	0.0	-29.0	0.0	-80.0
B399	348	GEO_Eqn_6.12b_nls04	3436.36	0.0	-146.0	0.0	-29.0	0.0	-7.0
B399	348	GEO_Eqn_6.12b_nls04	3927.27	0.0	-138.0	0.0	-29.0	0.0	63.0
B399	348	GEO_Eqn_6.12b_nls04	4418.18	0.0	-131.0	0.0	-29.0	0.0	129.0
B399	348	GEO_Eqn_6.12b_nls04	4909.09	0.0	-124.0	0.0	-29.0	0.0	191.0
B399	348	GEO_Eqn_6.12b_nls04	5400	0.0	-116.0	0.0	-29.0	0.0	250.0
B399	348	GEO_Eqn_6.12b_nls04	5400	0.0	-52.0	0.0	-36.0	0.0	-21.0
B399	348	GEO_Eqn_6.12b_nls04	5890.91	0.0	-44.0	0.0	-36.0	0.0	3.0
B399	348	GEO_Eqn_6.12b_nls04	6381.82	0.0	-37.0	0.0	-36.0	0.0	23.0
B399	348	GEO_Eqn_6.12b_nls04	6872.73	0.0	-30.0	0.0	-36.0	0.0	39.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B399	348	GEO_Eqn_6.12b_nls04	7363.64	0.0	-22.0	0.0	-36.0	0.0	51.0
B399	348	GEO_Eqn_6.12b_nls04	7854.55	0.0	-15.0	0.0	-36.0	0.0	61.0
B399	348	GEO_Eqn_6.12b_nls04	8345.45	0.0	-7.0	0.0	-36.0	0.0	66.0
B399	348	GEO_Eqn_6.12b_nls04	8836.36	0.0	-0.1	0.0	-36.0	0.0	68.0
B399	348	GEO_Eqn_6.12b_nls04	9327.27	0.0	7.0	0.0	-36.0	0.0	66.0
B399	348	GEO_Eqn_6.12b_nls04	9818.18	0.0	15.0	0.0	-36.0	0.0	61.0
B399	348	GEO_Eqn_6.12b_nls04	10309.09	0.0	22.0	0.0	-36.0	0.0	52.0
B399	348	GEO_Eqn_6.12b_nls04	10800	0.0	29.0	0.0	-36.0	0.0	39.0
B399	348	GEO_Eqn_6.12b_nls05	0	0.0	58.0	0.0	19.0	0.0	333.0
B399	348	GEO_Eqn_6.12b_nls05	490.91	0.0	66.0	0.0	19.0	0.0	303.0
B399	348	GEO_Eqn_6.12b_nls05	981.82	0.0	73.0	0.0	19.0	0.0	269.0
B399	348	GEO_Eqn_6.12b_nls05	1472.73	0.0	80.0	0.0	19.0	0.0	231.0
B399	348	GEO_Eqn_6.12b_nls05	1963.64	0.0	88.0	0.0	19.0	0.0	190.0
B399	348	GEO_Eqn_6.12b_nls05	2454.55	0.0	95.0	0.0	19.0	0.0	145.0
B399	348	GEO_Eqn_6.12b_nls05	2945.45	0.0	102.0	0.0	19.0	0.0	97.0
B399	348	GEO_Eqn_6.12b_nls05	3436.36	0.0	110.0	0.0	19.0	0.0	45.0
B399	348	GEO_Eqn_6.12b_nls05	3927.27	0.0	117.0	0.0	19.0	0.0	-11.0
B399	348	GEO_Eqn_6.12b_nls05	4418.18	0.0	124.0	0.0	19.0	0.0	-70.0
B399	348	GEO_Eqn_6.12b_nls05	4909.09	0.0	132.0	0.0	19.0	0.0	-133.0
B399	348	GEO_Eqn_6.12b_nls05	5400	0.0	139.0	0.0	19.0	0.0	-199.0
B399	348	GEO_Eqn_6.12b_nls05	5400	0.0	59.0	0.0	29.0	0.0	120.0
B399	348	GEO_Eqn_6.12b_nls05	5890.91	0.0	66.0	0.0	29.0	0.0	89.0
B399	348	GEO_Eqn_6.12b_nls05	6381.82	0.0	73.0	0.0	29.0	0.0	55.0
B399	348	GEO_Eqn_6.12b_nls05	6872.73	0.0	81.0	0.0	29.0	0.0	17.0
B399	348	GEO_Eqn_6.12b_nls05	7363.64	0.0	88.0	0.0	29.0	0.0	-25.0
B399	348	GEO_Eqn_6.12b_nls05	7854.55	0.0	96.0	0.0	29.0	0.0	-70.0
B399	348	GEO_Eqn_6.12b_nls05	8345.45	0.0	103.0	0.0	29.0	0.0	-118.0
B399	348	GEO_Eqn_6.12b_nls05	8836.36	0.0	110.0	0.0	29.0	0.0	-171.0
B399	348	GEO_Eqn_6.12b_nls05	9327.27	0.0	118.0	0.0	29.0	0.0	-227.0
B399	348	GEO_Eqn_6.12b_nls05	9818.18	0.0	125.0	0.0	29.0	0.0	-286.0
B399	348	GEO_Eqn_6.12b_nls05	10309.09	0.0	132.0	0.0	29.0	0.0	-349.0
B399	348	GEO_Eqn_6.12b_nls05	10800	0.0	140.0	0.0	29.0	0.0	-416.0
B399	348	GEO_Eqn_6.12b_nls06	0	0.0	7.0	0.0	-5.0	0.0	191.0
B399	348	GEO_Eqn_6.12b_nls06	490.91	0.0	15.0	0.0	-5.0	0.0	186.0
B399	348	GEO_Eqn_6.12b_nls06	981.82	0.0	22.0	0.0	-5.0	0.0	177.0
B399	348	GEO_Eqn_6.12b_nls06	1472.73	0.0	30.0	0.0	-5.0	0.0	164.0
B399	348	GEO_Eqn_6.12b_nls06	1963.64	0.0	37.0	0.0	-5.0	0.0	148.0
B399	348	GEO_Eqn_6.12b_nls06	2454.55	0.0	44.0	0.0	-5.0	0.0	128.0
B399	348	GEO_Eqn_6.12b_nls06	2945.45	0.0	52.0	0.0	-5.0	0.0	104.0
B399	348	GEO_Eqn_6.12b_nls06	3436.36	0.0	59.0	0.0	-5.0	0.0	77.0
B399	348	GEO_Eqn_6.12b_nls06	3927.27	0.0	66.0	0.0	-5.0	0.0	46.0
B399	348	GEO_Eqn_6.12b_nls06	4418.18	0.0	74.0	0.0	-5.0	0.0	12.0
B399	348	GEO_Eqn_6.12b_nls06	4909.09	0.0	81.0	0.0	-5.0	0.0	-26.0
B399	348	GEO_Eqn_6.12b_nls06	5400	0.0	88.0	0.0	-5.0	0.0	-68.0
B399	348	GEO_Eqn_6.12b_nls06	5400	0.0	83.0	0.0	11.0	0.0	184.0
B399	348	GEO_Eqn_6.12b_nls06	5890.91	0.0	91.0	0.0	11.0	0.0	141.0
B399	348	GEO_Eqn_6.12b_nls06	6381.82	0.0	98.0	0.0	11.0	0.0	94.0
B399	348	GEO_Eqn_6.12b_nls06	6872.73	0.0	105.0	0.0	11.0	0.0	45.0
B399	348	GEO_Eqn_6.12b_nls06	7363.64	0.0	113.0	0.0	11.0	0.0	-9.0
B399	348	GEO_Eqn_6.12b_nls06	7854.55	0.0	120.0	0.0	11.0	0.0	-66.0
B399	348	GEO_Eqn_6.12b_nls06	8345.45	0.0	127.0	0.0	11.0	0.0	-127.0
B399	348	GEO_Eqn_6.12b_nls06	8836.36	0.0	135.0	0.0	11.0	0.0	-191.0
B399	348	GEO_Eqn_6.12b_nls06	9327.27	0.0	142.0	0.0	11.0	0.0	-259.0
B399	348	GEO_Eqn_6.12b_nls06	9818.18	0.0	150.0	0.0	11.0	0.0	-331.0
B399	348	GEO_Eqn_6.12b_nls06	10309.09	0.0	157.0	0.0	11.0	0.0	-406.0
B399	348	GEO_Eqn_6.12b_nls06	10800	0.0	164.0	0.0	11.0	0.0	-485.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B399	348	GEO_Eqn_6.12b_nls07	0	0.0	-138.0	0.0	-0.2	0.0	-424.0
B399	348	GEO_Eqn_6.12b_nls07	490.91	0.0	-131.0	0.0	-0.2	0.0	-358.0
B399	348	GEO_Eqn_6.12b_nls07	981.82	0.0	-124.0	0.0	-0.2	0.0	-296.0
B399	348	GEO_Eqn_6.12b_nls07	1472.73	0.0	-116.0	0.0	-0.2	0.0	-237.0
B399	348	GEO_Eqn_6.12b_nls07	1963.64	0.0	-109.0	0.0	-0.2	0.0	-182.0
B399	348	GEO_Eqn_6.12b_nls07	2454.55	0.0	-101.0	0.0	-0.2	0.0	-130.0
B399	348	GEO_Eqn_6.12b_nls07	2945.45	0.0	-94.0	0.0	-0.2	0.0	-82.0
B399	348	GEO_Eqn_6.12b_nls07	3436.36	0.0	-87.0	0.0	-0.2	0.0	-38.0
B399	348	GEO_Eqn_6.12b_nls07	3927.27	0.0	-79.0	0.0	-0.2	0.0	3.0
B399	348	GEO_Eqn_6.12b_nls07	4418.18	0.0	-72.0	0.0	-0.2	0.0	40.0
B399	348	GEO_Eqn_6.12b_nls07	4909.09	0.0	-65.0	0.0	-0.2	0.0	74.0
B399	348	GEO_Eqn_6.12b_nls07	5400	0.0	-57.0	0.0	-0.2	0.0	104.0
B399	348	GEO_Eqn_6.12b_nls07	5400	0.0	-71.0	0.0	-12.0	0.0	-77.0
B399	348	GEO_Eqn_6.12b_nls07	5890.91	0.0	-64.0	0.0	-12.0	0.0	-44.0
B399	348	GEO_Eqn_6.12b_nls07	6381.82	0.0	-56.0	0.0	-12.0	0.0	-14.0
B399	348	GEO_Eqn_6.12b_nls07	6872.73	0.0	-49.0	0.0	-12.0	0.0	11.0
B399	348	GEO_Eqn_6.12b_nls07	7363.64	0.0	-42.0	0.0	-12.0	0.0	34.0
B399	348	GEO_Eqn_6.12b_nls07	7854.55	0.0	-34.0	0.0	-12.0	0.0	52.0
B399	348	GEO_Eqn_6.12b_nls07	8345.45	0.0	-27.0	0.0	-12.0	0.0	67.0
B399	348	GEO_Eqn_6.12b_nls07	8836.36	0.0	-20.0	0.0	-12.0	0.0	79.0
B399	348	GEO_Eqn_6.12b_nls07	9327.27	0.0	-12.0	0.0	-12.0	0.0	87.0
B399	348	GEO_Eqn_6.12b_nls07	9818.18	0.0	-5.0	0.0	-12.0	0.0	91.0
B399	348	GEO_Eqn_6.12b_nls07	10309.09	0.0	2.0	0.0	-12.0	0.0	92.0
B399	348	GEO_Eqn_6.12b_nls07	10800	0.0	10.0	0.0	-12.0	0.0	89.0
B399	348	GEO_Eqn_6.12b_nls08	0	0.0	-193.0	0.0	-25.0	0.0	-579.0
B399	348	GEO_Eqn_6.12b_nls08	490.91	0.0	-185.0	0.0	-25.0	0.0	-486.0
B399	348	GEO_Eqn_6.12b_nls08	981.82	0.0	-178.0	0.0	-25.0	0.0	-397.0
B399	348	GEO_Eqn_6.12b_nls08	1472.73	0.0	-171.0	0.0	-25.0	0.0	-311.0
B399	348	GEO_Eqn_6.12b_nls08	1963.64	0.0	-163.0	0.0	-25.0	0.0	-230.0
B399	348	GEO_Eqn_6.12b_nls08	2454.55	0.0	-156.0	0.0	-25.0	0.0	-151.0
B399	348	GEO_Eqn_6.12b_nls08	2945.45	0.0	-148.0	0.0	-25.0	0.0	-77.0
B399	348	GEO_Eqn_6.12b_nls08	3436.36	0.0	-141.0	0.0	-25.0	0.0	-6.0
B399	348	GEO_Eqn_6.12b_nls08	3927.27	0.0	-134.0	0.0	-25.0	0.0	62.0
B399	348	GEO_Eqn_6.12b_nls08	4418.18	0.0	-126.0	0.0	-25.0	0.0	126.0
B399	348	GEO_Eqn_6.12b_nls08	4909.09	0.0	-119.0	0.0	-25.0	0.0	186.0
B399	348	GEO_Eqn_6.12b_nls08	5400	0.0	-112.0	0.0	-25.0	0.0	243.0
B399	348	GEO_Eqn_6.12b_nls08	5400	0.0	-48.0	0.0	-30.0	0.0	-14.0
B399	348	GEO_Eqn_6.12b_nls08	5890.91	0.0	-40.0	0.0	-30.0	0.0	7.0
B399	348	GEO_Eqn_6.12b_nls08	6381.82	0.0	-33.0	0.0	-30.0	0.0	25.0
B399	348	GEO_Eqn_6.12b_nls08	6872.73	0.0	-26.0	0.0	-30.0	0.0	40.0
B399	348	GEO_Eqn_6.12b_nls08	7363.64	0.0	-18.0	0.0	-30.0	0.0	51.0
B399	348	GEO_Eqn_6.12b_nls08	7854.55	0.0	-11.0	0.0	-30.0	0.0	58.0
B399	348	GEO_Eqn_6.12b_nls08	8345.45	0.0	-4.0	0.0	-30.0	0.0	61.0
B399	348	GEO_Eqn_6.12b_nls08	8836.36	0.0	4.0	0.0	-30.0	0.0	61.0
B399	348	GEO_Eqn_6.12b_nls08	9327.27	0.0	11.0	0.0	-30.0	0.0	58.0
B399	348	GEO_Eqn_6.12b_nls08	9818.18	0.0	18.0	0.0	-30.0	0.0	51.0
B399	348	GEO_Eqn_6.12b_nls08	10309.09	0.0	26.0	0.0	-30.0	0.0	40.0
B399	348	GEO_Eqn_6.12b_nls08	10800	0.0	33.0	0.0	-30.0	0.0	25.0
B399	348	GEO_Eqn_6.12b_nls09	0	0.0	48.0	0.0	36.0	0.0	231.0
B399	348	GEO_Eqn_6.12b_nls09	490.91	0.0	56.0	0.0	36.0	0.0	206.0
B399	348	GEO_Eqn_6.12b_nls09	981.82	0.0	63.0	0.0	36.0	0.0	176.0
B399	348	GEO_Eqn_6.12b_nls09	1472.73	0.0	71.0	0.0	36.0	0.0	144.0
B399	348	GEO_Eqn_6.12b_nls09	1963.64	0.0	78.0	0.0	36.0	0.0	107.0
B399	348	GEO_Eqn_6.12b_nls09	2454.55	0.0	85.0	0.0	36.0	0.0	67.0
B399	348	GEO_Eqn_6.12b_nls09	2945.45	0.0	93.0	0.0	36.0	0.0	24.0
B399	348	GEO_Eqn_6.12b_nls09	3436.36	0.0	100.0	0.0	36.0	0.0	-24.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B399	348	GEO_Eqn_6.12b_nls09	3927.27	0.0	107.0	0.0	36.0	0.0	-75.0
B399	348	GEO_Eqn_6.12b_nls09	4418.18	0.0	115.0	0.0	36.0	0.0	-129.0
B399	348	GEO_Eqn_6.12b_nls09	4909.09	0.0	122.0	0.0	36.0	0.0	-187.0
B399	348	GEO_Eqn_6.12b_nls09	5400	0.0	129.0	0.0	36.0	0.0	-249.0
B399	348	GEO_Eqn_6.12b_nls09	5400	0.0	-21.0	0.0	32.0	0.0	-38.0
B399	348	GEO_Eqn_6.12b_nls09	5890.91	0.0	-13.0	0.0	32.0	0.0	-29.0
B399	348	GEO_Eqn_6.12b_nls09	6381.82	0.0	-6.0	0.0	32.0	0.0	-25.0
B399	348	GEO_Eqn_6.12b_nls09	6872.73	0.0	2.0	0.0	32.0	0.0	-23.0
B399	348	GEO_Eqn_6.12b_nls09	7363.64	0.0	9.0	0.0	32.0	0.0	-26.0
B399	348	GEO_Eqn_6.12b_nls09	7854.55	0.0	16.0	0.0	32.0	0.0	-32.0
B399	348	GEO_Eqn_6.12b_nls09	8345.45	0.0	24.0	0.0	32.0	0.0	-42.0
B399	348	GEO_Eqn_6.12b_nls09	8836.36	0.0	31.0	0.0	32.0	0.0	-55.0
B399	348	GEO_Eqn_6.12b_nls09	9327.27	0.0	38.0	0.0	32.0	0.0	-72.0
B399	348	GEO_Eqn_6.12b_nls09	9818.18	0.0	46.0	0.0	32.0	0.0	-93.0
B399	348	GEO_Eqn_6.12b_nls09	10309.09	0.0	53.0	0.0	32.0	0.0	-117.0
B399	348	GEO_Eqn_6.12b_nls09	10800	0.0	60.0	0.0	32.0	0.0	-145.0
B399	348	GEO_Eqn_6.12b_nls10	0	0.0	-12.0	0.0	32.0	0.0	-3.0
B399	348	GEO_Eqn_6.12b_nls10	490.91	0.0	-5.0	0.0	32.0	0.0	1.0
B399	348	GEO_Eqn_6.12b_nls10	981.82	0.0	2.0	0.0	32.0	0.0	2.0
B399	348	GEO_Eqn_6.12b_nls10	1472.73	0.0	10.0	0.0	32.0	0.0	-1.0
B399	348	GEO_Eqn_6.12b_nls10	1963.64	0.0	17.0	0.0	32.0	0.0	-8.0
B399	348	GEO_Eqn_6.12b_nls10	2454.55	0.0	25.0	0.0	32.0	0.0	-18.0
B399	348	GEO_Eqn_6.12b_nls10	2945.45	0.0	32.0	0.0	32.0	0.0	-32.0
B399	348	GEO_Eqn_6.12b_nls10	3436.36	0.0	39.0	0.0	32.0	0.0	-49.0
B399	348	GEO_Eqn_6.12b_nls10	3927.27	0.0	47.0	0.0	32.0	0.0	-70.0
B399	348	GEO_Eqn_6.12b_nls10	4418.18	0.0	54.0	0.0	32.0	0.0	-95.0
B399	348	GEO_Eqn_6.12b_nls10	4909.09	0.0	61.0	0.0	32.0	0.0	-123.0
B399	348	GEO_Eqn_6.12b_nls10	5400	0.0	69.0	0.0	32.0	0.0	-155.0
B399	348	GEO_Eqn_6.12b_nls10	5400	0.0	-61.0	0.0	20.0	0.0	-97.0
B399	348	GEO_Eqn_6.12b_nls10	5890.91	0.0	-54.0	0.0	20.0	0.0	-69.0
B399	348	GEO_Eqn_6.12b_nls10	6381.82	0.0	-46.0	0.0	20.0	0.0	-44.0
B399	348	GEO_Eqn_6.12b_nls10	6872.73	0.0	-39.0	0.0	20.0	0.0	-24.0
B399	348	GEO_Eqn_6.12b_nls10	7363.64	0.0	-31.0	0.0	20.0	0.0	-6.0
B399	348	GEO_Eqn_6.12b_nls10	7854.55	0.0	-24.0	0.0	20.0	0.0	7.0
B399	348	GEO_Eqn_6.12b_nls10	8345.45	0.0	-17.0	0.0	20.0	0.0	17.0
B399	348	GEO_Eqn_6.12b_nls10	8836.36	0.0	-9.0	0.0	20.0	0.0	24.0
B399	348	GEO_Eqn_6.12b_nls10	9327.27	0.0	-2.0	0.0	20.0	0.0	26.0
B399	348	GEO_Eqn_6.12b_nls10	9818.18	0.0	5.0	0.0	20.0	0.0	26.0
B399	348	GEO_Eqn_6.12b_nls10	10309.09	0.0	13.0	0.0	20.0	0.0	21.0
B399	348	GEO_Eqn_6.12b_nls10	10800	0.0	20.0	0.0	20.0	0.0	13.0
B399	348	GEO_Eqn_6.12b_nls11	0	0.0	-115.0	0.0	-37.0	0.0	-220.0
B399	348	GEO_Eqn_6.12b_nls11	490.91	0.0	-108.0	0.0	-37.0	0.0	-166.0
B399	348	GEO_Eqn_6.12b_nls11	981.82	0.0	-100.0	0.0	-37.0	0.0	-115.0
B399	348	GEO_Eqn_6.12b_nls11	1472.73	0.0	-93.0	0.0	-37.0	0.0	-67.0
B399	348	GEO_Eqn_6.12b_nls11	1963.64	0.0	-85.0	0.0	-37.0	0.0	-23.0
B399	348	GEO_Eqn_6.12b_nls11	2454.55	0.0	-78.0	0.0	-37.0	0.0	17.0
B399	348	GEO_Eqn_6.12b_nls11	2945.45	0.0	-71.0	0.0	-37.0	0.0	53.0
B399	348	GEO_Eqn_6.12b_nls11	3436.36	0.0	-63.0	0.0	-37.0	0.0	86.0
B399	348	GEO_Eqn_6.12b_nls11	3927.27	0.0	-56.0	0.0	-37.0	0.0	115.0
B399	348	GEO_Eqn_6.12b_nls11	4418.18	0.0	-49.0	0.0	-37.0	0.0	141.0
B399	348	GEO_Eqn_6.12b_nls11	4909.09	0.0	-41.0	0.0	-37.0	0.0	163.0
B399	348	GEO_Eqn_6.12b_nls11	5400	0.0	-34.0	0.0	-37.0	0.0	182.0
B399	348	GEO_Eqn_6.12b_nls11	5400	0.0	68.0	0.0	-20.0	0.0	192.0
B399	348	GEO_Eqn_6.12b_nls11	5890.91	0.0	75.0	0.0	-20.0	0.0	157.0
B399	348	GEO_Eqn_6.12b_nls11	6381.82	0.0	83.0	0.0	-20.0	0.0	118.0
B399	348	GEO_Eqn_6.12b_nls11	6872.73	0.0	90.0	0.0	-20.0	0.0	76.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B399	348	GEO_Eqn_6.12b_nls11	7363.64	0.0	97.0	0.0	-20.0	0.0	30.0
B399	348	GEO_Eqn_6.12b_nls11	7854.55	0.0	105.0	0.0	-20.0	0.0	-20.0
B399	348	GEO_Eqn_6.12b_nls11	8345.45	0.0	112.0	0.0	-20.0	0.0	-73.0
B399	348	GEO_Eqn_6.12b_nls11	8836.36	0.0	119.0	0.0	-20.0	0.0	-130.0
B399	348	GEO_Eqn_6.12b_nls11	9327.27	0.0	127.0	0.0	-20.0	0.0	-190.0
B399	348	GEO_Eqn_6.12b_nls11	9818.18	0.0	134.0	0.0	-20.0	0.0	-254.0
B399	348	GEO_Eqn_6.12b_nls11	10309.09	0.0	142.0	0.0	-20.0	0.0	-322.0
B399	348	GEO_Eqn_6.12b_nls11	10800	0.0	149.0	0.0	-20.0	0.0	-393.0
B399	348	GEO_Eqn_6.12b_nls12	0	0.0	-177.0	0.0	-44.0	0.0	-457.0
B399	348	GEO_Eqn_6.12b_nls12	490.91	0.0	-169.0	0.0	-44.0	0.0	-372.0
B399	348	GEO_Eqn_6.12b_nls12	981.82	0.0	-162.0	0.0	-44.0	0.0	-291.0
B399	348	GEO_Eqn_6.12b_nls12	1472.73	0.0	-154.0	0.0	-44.0	0.0	-213.0
B399	348	GEO_Eqn_6.12b_nls12	1963.64	0.0	-147.0	0.0	-44.0	0.0	-139.0
B399	348	GEO_Eqn_6.12b_nls12	2454.55	0.0	-140.0	0.0	-44.0	0.0	-69.0
B399	348	GEO_Eqn_6.12b_nls12	2945.45	0.0	-132.0	0.0	-44.0	0.0	-2.0
B399	348	GEO_Eqn_6.12b_nls12	3436.36	0.0	-125.0	0.0	-44.0	0.0	61.0
B399	348	GEO_Eqn_6.12b_nls12	3927.27	0.0	-118.0	0.0	-44.0	0.0	121.0
B399	348	GEO_Eqn_6.12b_nls12	4418.18	0.0	-110.0	0.0	-44.0	0.0	177.0
B399	348	GEO_Eqn_6.12b_nls12	4909.09	0.0	-103.0	0.0	-44.0	0.0	229.0
B399	348	GEO_Eqn_6.12b_nls12	5400	0.0	-96.0	0.0	-44.0	0.0	278.0
B399	348	GEO_Eqn_6.12b_nls12	5400	0.0	28.0	0.0	-35.0	0.0	131.0
B399	348	GEO_Eqn_6.12b_nls12	5890.91	0.0	35.0	0.0	-35.0	0.0	116.0
B399	348	GEO_Eqn_6.12b_nls12	6381.82	0.0	43.0	0.0	-35.0	0.0	97.0
B399	348	GEO_Eqn_6.12b_nls12	6872.73	0.0	50.0	0.0	-35.0	0.0	74.0
B399	348	GEO_Eqn_6.12b_nls12	7363.64	0.0	57.0	0.0	-35.0	0.0	48.0
B399	348	GEO_Eqn_6.12b_nls12	7854.55	0.0	65.0	0.0	-35.0	0.0	18.0
B399	348	GEO_Eqn_6.12b_nls12	8345.45	0.0	72.0	0.0	-35.0	0.0	-16.0
B399	348	GEO_Eqn_6.12b_nls12	8836.36	0.0	79.0	0.0	-35.0	0.0	-53.0
B399	348	GEO_Eqn_6.12b_nls12	9327.27	0.0	87.0	0.0	-35.0	0.0	-94.0
B399	348	GEO_Eqn_6.12b_nls12	9818.18	0.0	94.0	0.0	-35.0	0.0	-138.0
B399	348	GEO_Eqn_6.12b_nls12	10309.09	0.0	101.0	0.0	-35.0	0.0	-186.0
B399	348	GEO_Eqn_6.12b_nls12	10800	0.0	109.0	0.0	-35.0	0.0	-238.0
B399	348	GEO_Eqn_6.12b_nls13	0	0.0	58.0	0.0	48.0	0.0	265.0
B399	348	GEO_Eqn_6.12b_nls13	490.91	0.0	65.0	0.0	48.0	0.0	235.0
B399	348	GEO_Eqn_6.12b_nls13	981.82	0.0	72.0	0.0	48.0	0.0	201.0
B399	348	GEO_Eqn_6.12b_nls13	1472.73	0.0	80.0	0.0	48.0	0.0	164.0
B399	348	GEO_Eqn_6.12b_nls13	1963.64	0.0	87.0	0.0	48.0	0.0	123.0
B399	348	GEO_Eqn_6.12b_nls13	2454.55	0.0	95.0	0.0	48.0	0.0	78.0
B399	348	GEO_Eqn_6.12b_nls13	2945.45	0.0	102.0	0.0	48.0	0.0	30.0
B399	348	GEO_Eqn_6.12b_nls13	3436.36	0.0	109.0	0.0	48.0	0.0	-22.0
B399	348	GEO_Eqn_6.12b_nls13	3927.27	0.0	117.0	0.0	48.0	0.0	-77.0
B399	348	GEO_Eqn_6.12b_nls13	4418.18	0.0	124.0	0.0	48.0	0.0	-136.0
B399	348	GEO_Eqn_6.12b_nls13	4909.09	0.0	131.0	0.0	48.0	0.0	-199.0
B399	348	GEO_Eqn_6.12b_nls13	5400	0.0	139.0	0.0	48.0	0.0	-265.0
B399	348	GEO_Eqn_6.12b_nls13	5400	0.0	-13.0	0.0	48.0	0.0	-24.0
B399	348	GEO_Eqn_6.12b_nls13	5890.91	0.0	-6.0	0.0	48.0	0.0	-20.0
B399	348	GEO_Eqn_6.12b_nls13	6381.82	0.0	1.0	0.0	48.0	0.0	-18.0
B399	348	GEO_Eqn_6.12b_nls13	6872.73	0.0	9.0	0.0	48.0	0.0	-21.0
B399	348	GEO_Eqn_6.12b_nls13	7363.64	0.0	16.0	0.0	48.0	0.0	-27.0
B399	348	GEO_Eqn_6.12b_nls13	7854.55	0.0	24.0	0.0	48.0	0.0	-37.0
B399	348	GEO_Eqn_6.12b_nls13	8345.45	0.0	31.0	0.0	48.0	0.0	-50.0
B399	348	GEO_Eqn_6.12b_nls13	8836.36	0.0	38.0	0.0	48.0	0.0	-67.0
B399	348	GEO_Eqn_6.12b_nls13	9327.27	0.0	46.0	0.0	48.0	0.0	-88.0
B399	348	GEO_Eqn_6.12b_nls13	9818.18	0.0	53.0	0.0	48.0	0.0	-112.0
B399	348	GEO_Eqn_6.12b_nls13	10309.09	0.0	60.0	0.0	48.0	0.0	-140.0
B399	348	GEO_Eqn_6.12b_nls13	10800	0.0	68.0	0.0	48.0	0.0	-171.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B399	348	GEO_Eqn_6.12b_nls14	0	0.0	-2.0	0.0	44.0	0.0	35.0
B399	348	GEO_Eqn_6.12b_nls14	490.91	0.0	5.0	0.0	44.0	0.0	34.0
B399	348	GEO_Eqn_6.12b_nls14	981.82	0.0	13.0	0.0	44.0	0.0	30.0
B399	348	GEO_Eqn_6.12b_nls14	1472.73	0.0	20.0	0.0	44.0	0.0	22.0
B399	348	GEO_Eqn_6.12b_nls14	1963.64	0.0	27.0	0.0	44.0	0.0	10.0
B399	348	GEO_Eqn_6.12b_nls14	2454.55	0.0	35.0	0.0	44.0	0.0	-5.0
B399	348	GEO_Eqn_6.12b_nls14	2945.45	0.0	42.0	0.0	44.0	0.0	-24.0
B399	348	GEO_Eqn_6.12b_nls14	3436.36	0.0	50.0	0.0	44.0	0.0	-47.0
B399	348	GEO_Eqn_6.12b_nls14	3927.27	0.0	57.0	0.0	44.0	0.0	-73.0
B399	348	GEO_Eqn_6.12b_nls14	4418.18	0.0	64.0	0.0	44.0	0.0	-102.0
B399	348	GEO_Eqn_6.12b_nls14	4909.09	0.0	72.0	0.0	44.0	0.0	-136.0
B399	348	GEO_Eqn_6.12b_nls14	5400	0.0	79.0	0.0	44.0	0.0	-173.0
B399	348	GEO_Eqn_6.12b_nls14	5400	0.0	-52.0	0.0	36.0	0.0	-81.0
B399	348	GEO_Eqn_6.12b_nls14	5890.91	0.0	-45.0	0.0	36.0	0.0	-57.0
B399	348	GEO_Eqn_6.12b_nls14	6381.82	0.0	-38.0	0.0	36.0	0.0	-37.0
B399	348	GEO_Eqn_6.12b_nls14	6872.73	0.0	-30.0	0.0	36.0	0.0	-20.0
B399	348	GEO_Eqn_6.12b_nls14	7363.64	0.0	-23.0	0.0	36.0	0.0	-7.0
B399	348	GEO_Eqn_6.12b_nls14	7854.55	0.0	-16.0	0.0	36.0	0.0	2.0
B399	348	GEO_Eqn_6.12b_nls14	8345.45	0.0	-8.0	0.0	36.0	0.0	8.0
B399	348	GEO_Eqn_6.12b_nls14	8836.36	0.0	-1.0	0.0	36.0	0.0	10.0
B399	348	GEO_Eqn_6.12b_nls14	9327.27	0.0	7.0	0.0	36.0	0.0	9.0
B399	348	GEO_Eqn_6.12b_nls14	9818.18	0.0	14.0	0.0	36.0	0.0	4.0
B399	348	GEO_Eqn_6.12b_nls14	10309.09	0.0	21.0	0.0	36.0	0.0	-5.0
B399	348	GEO_Eqn_6.12b_nls14	10800	0.0	29.0	0.0	36.0	0.0	-17.0
B399	348	GEO_Eqn_6.12b_nls15	0	0.0	-124.0	0.0	-46.0	0.0	-251.0
B399	348	GEO_Eqn_6.12b_nls15	490.91	0.0	-116.0	0.0	-46.0	0.0	-192.0
B399	348	GEO_Eqn_6.12b_nls15	981.82	0.0	-109.0	0.0	-46.0	0.0	-137.0
B399	348	GEO_Eqn_6.12b_nls15	1472.73	0.0	-102.0	0.0	-46.0	0.0	-85.0
B399	348	GEO_Eqn_6.12b_nls15	1963.64	0.0	-94.0	0.0	-46.0	0.0	-37.0
B399	348	GEO_Eqn_6.12b_nls15	2454.55	0.0	-87.0	0.0	-46.0	0.0	7.0
B399	348	GEO_Eqn_6.12b_nls15	2945.45	0.0	-79.0	0.0	-46.0	0.0	48.0
B399	348	GEO_Eqn_6.12b_nls15	3436.36	0.0	-72.0	0.0	-46.0	0.0	85.0
B399	348	GEO_Eqn_6.12b_nls15	3927.27	0.0	-65.0	0.0	-46.0	0.0	119.0
B399	348	GEO_Eqn_6.12b_nls15	4418.18	0.0	-57.0	0.0	-46.0	0.0	149.0
B399	348	GEO_Eqn_6.12b_nls15	4909.09	0.0	-50.0	0.0	-46.0	0.0	175.0
B399	348	GEO_Eqn_6.12b_nls15	5400	0.0	-43.0	0.0	-46.0	0.0	198.0
B399	348	GEO_Eqn_6.12b_nls15	5400	0.0	63.0	0.0	-34.0	0.0	183.0
B399	348	GEO_Eqn_6.12b_nls15	5890.91	0.0	70.0	0.0	-34.0	0.0	150.0
B399	348	GEO_Eqn_6.12b_nls15	6381.82	0.0	77.0	0.0	-34.0	0.0	114.0
B399	348	GEO_Eqn_6.12b_nls15	6872.73	0.0	85.0	0.0	-34.0	0.0	74.0
B399	348	GEO_Eqn_6.12b_nls15	7363.64	0.0	92.0	0.0	-34.0	0.0	31.0
B399	348	GEO_Eqn_6.12b_nls15	7854.55	0.0	100.0	0.0	-34.0	0.0	-17.0
B399	348	GEO_Eqn_6.12b_nls15	8345.45	0.0	107.0	0.0	-34.0	0.0	-67.0
B399	348	GEO_Eqn_6.12b_nls15	8836.36	0.0	114.0	0.0	-34.0	0.0	-122.0
B399	348	GEO_Eqn_6.12b_nls15	9327.27	0.0	122.0	0.0	-34.0	0.0	-179.0
B399	348	GEO_Eqn_6.12b_nls15	9818.18	0.0	129.0	0.0	-34.0	0.0	-241.0
B399	348	GEO_Eqn_6.12b_nls15	10309.09	0.0	136.0	0.0	-34.0	0.0	-306.0
B399	348	GEO_Eqn_6.12b_nls15	10800	0.0	144.0	0.0	-34.0	0.0	-375.0
B399	348	GEO_Eqn_6.12b_nls16	0	0.0	-190.0	0.0	-56.0	0.0	-506.0
B399	348	GEO_Eqn_6.12b_nls16	490.91	0.0	-183.0	0.0	-56.0	0.0	-414.0
B399	348	GEO_Eqn_6.12b_nls16	981.82	0.0	-175.0	0.0	-56.0	0.0	-326.0
B399	348	GEO_Eqn_6.12b_nls16	1472.73	0.0	-168.0	0.0	-56.0	0.0	-242.0
B399	348	GEO_Eqn_6.12b_nls16	1963.64	0.0	-161.0	0.0	-56.0	0.0	-161.0
B399	348	GEO_Eqn_6.12b_nls16	2454.55	0.0	-153.0	0.0	-56.0	0.0	-84.0
B399	348	GEO_Eqn_6.12b_nls16	2945.45	0.0	-146.0	0.0	-56.0	0.0	-11.0
B399	348	GEO_Eqn_6.12b_nls16	3436.36	0.0	-139.0	0.0	-56.0	0.0	59.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B399	348	GEO_Eqn_6.12b_nls16	3927.27	0.0	-131.0	0.0	-56.0	0.0	125.0
B399	348	GEO_Eqn_6.12b_nls16	4418.18	0.0	-124.0	0.0	-56.0	0.0	188.0
B399	348	GEO_Eqn_6.12b_nls16	4909.09	0.0	-116.0	0.0	-56.0	0.0	247.0
B399	348	GEO_Eqn_6.12b_nls16	5400	0.0	-109.0	0.0	-56.0	0.0	302.0
B399	348	GEO_Eqn_6.12b_nls16	5400	0.0	20.0	0.0	-50.0	0.0	119.0
B399	348	GEO_Eqn_6.12b_nls16	5890.91	0.0	28.0	0.0	-50.0	0.0	107.0
B399	348	GEO_Eqn_6.12b_nls16	6381.82	0.0	35.0	0.0	-50.0	0.0	92.0
B399	348	GEO_Eqn_6.12b_nls16	6872.73	0.0	43.0	0.0	-50.0	0.0	73.0
B399	348	GEO_Eqn_6.12b_nls16	7363.64	0.0	50.0	0.0	-50.0	0.0	50.0
B399	348	GEO_Eqn_6.12b_nls16	7854.55	0.0	57.0	0.0	-50.0	0.0	24.0
B399	348	GEO_Eqn_6.12b_nls16	8345.45	0.0	65.0	0.0	-50.0	0.0	-6.0
B399	348	GEO_Eqn_6.12b_nls16	8836.36	0.0	72.0	0.0	-50.0	0.0	-40.0
B399	348	GEO_Eqn_6.12b_nls16	9327.27	0.0	79.0	0.0	-50.0	0.0	-77.0
B399	348	GEO_Eqn_6.12b_nls16	9818.18	0.0	87.0	0.0	-50.0	0.0	-118.0
B399	348	GEO_Eqn_6.12b_nls16	10309.09	0.0	94.0	0.0	-50.0	0.0	-162.0
B399	348	GEO_Eqn_6.12b_nls16	10800	0.0	101.0	0.0	-50.0	0.0	-210.0
B400	349	GEO_Eqn_6.12b_nls01	0	-188.0	-190.0	24.0	90.0	19.0	-21.0
B400	349	GEO_Eqn_6.12b_nls01	300	-188.0	-186.0	24.0	90.0	12.0	36.0
B400	349	GEO_Eqn_6.12b_nls01	600	-188.0	-181.0	24.0	90.0	5.0	91.0
B400	349	GEO_Eqn_6.12b_nls01	600	-71.0	-9.0	11.0	58.0	4.0	87.0
B400	349	GEO_Eqn_6.12b_nls01	900	-71.0	-4.0	11.0	58.0	1.0	89.0
B400	349	GEO_Eqn_6.12b_nls01	1200	-71.0	0.4	11.0	58.0	-2.0	89.0
B400	349	GEO_Eqn_6.12b_nls01	1200	11.0	22.0	5.0	32.0	-3.0	85.0
B400	349	GEO_Eqn_6.12b_nls01	1500	11.0	27.0	5.0	32.0	-4.0	77.0
B400	349	GEO_Eqn_6.12b_nls01	1800	11.0	31.0	5.0	32.0	-6.0	69.0
B400	349	GEO_Eqn_6.12b_nls01	1800	61.0	12.0	2.0	10.0	-6.0	66.0
B400	349	GEO_Eqn_6.12b_nls01	2100	61.0	16.0	2.0	10.0	-7.0	61.0
B400	349	GEO_Eqn_6.12b_nls01	2400	61.0	21.0	2.0	10.0	-7.0	56.0
B400	349	GEO_Eqn_6.12b_nls01	2400	88.0	-10.0	-1.0	-10.0	-7.0	55.0
B400	349	GEO_Eqn_6.12b_nls01	2700	88.0	-6.0	-1.0	-10.0	-7.0	57.0
B400	349	GEO_Eqn_6.12b_nls01	3000	88.0	-1.0	-1.0	-10.0	-7.0	58.0
B400	349	GEO_Eqn_6.12b_nls01	3000	95.0	-35.0	-3.0	-29.0	-6.0	58.0
B400	349	GEO_Eqn_6.12b_nls01	3300	95.0	-30.0	-3.0	-29.0	-5.0	68.0
B400	349	GEO_Eqn_6.12b_nls01	3600	95.0	-26.0	-3.0	-29.0	-4.0	76.0
B400	349	GEO_Eqn_6.12b_nls01	3600	77.0	-55.0	-6.0	-48.0	-4.0	78.0
B400	349	GEO_Eqn_6.12b_nls01	3900	77.0	-50.0	-6.0	-48.0	-2.0	94.0
B400	349	GEO_Eqn_6.12b_nls01	4200	77.0	-46.0	-6.0	-48.0	-1.0	108.0
B400	349	GEO_Eqn_6.12b_nls01	4200	18.0	-45.0	-9.0	-69.0	-0.5	112.0
B400	349	GEO_Eqn_6.12b_nls01	4500	18.0	-41.0	-9.0	-69.0	2.0	125.0
B400	349	GEO_Eqn_6.12b_nls01	4800	18.0	-36.0	-9.0	-69.0	5.0	137.0
B400	349	GEO_Eqn_6.12b_nls01	4800	-92.0	103.0	-16.0	-93.0	5.0	143.0
B400	349	GEO_Eqn_6.12b_nls01	5100	-92.0	107.0	-16.0	-93.0	10.0	111.0
B400	349	GEO_Eqn_6.12b_nls01	5400	-92.0	112.0	-16.0	-93.0	15.0	78.0
B400	349	GEO_Eqn_6.12b_nls01	5400	0.0	39.0	0.0	-18.0	0.0	156.0
B400	349	GEO_Eqn_6.12b_nls01	5890.91	0.0	46.0	0.0	-18.0	0.0	135.0
B400	349	GEO_Eqn_6.12b_nls01	6381.82	0.0	54.0	0.0	-18.0	0.0	111.0
B400	349	GEO_Eqn_6.12b_nls01	6872.73	0.0	61.0	0.0	-18.0	0.0	83.0
B400	349	GEO_Eqn_6.12b_nls01	7363.64	0.0	68.0	0.0	-18.0	0.0	51.0
B400	349	GEO_Eqn_6.12b_nls01	7854.55	0.0	76.0	0.0	-18.0	0.0	16.0
B400	349	GEO_Eqn_6.12b_nls01	8345.45	0.0	83.0	0.0	-18.0	0.0	-23.0
B400	349	GEO_Eqn_6.12b_nls01	8836.36	0.0	90.0	0.0	-18.0	0.0	-66.0
B400	349	GEO_Eqn_6.12b_nls01	9327.27	0.0	98.0	0.0	-18.0	0.0	-112.0
B400	349	GEO_Eqn_6.12b_nls01	9818.18	0.0	105.0	0.0	-18.0	0.0	-162.0
B400	349	GEO_Eqn_6.12b_nls01	10309.09	0.0	112.0	0.0	-18.0	0.0	-215.0
B400	349	GEO_Eqn_6.12b_nls01	10800	0.0	120.0	0.0	-18.0	0.0	-272.0
B400	349	GEO_Eqn_6.12b_nls01	10800	-22.0	-279.0	36.0	120.0	33.0	-262.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls01	11100	-22.0	-275.0	36.0	120.0	22.0	-179.0
B400	349	GEO_Eqn_6.12b_nls01	11400	-22.0	-270.0	36.0	120.0	11.0	-97.0
B400	349	GEO_Eqn_6.12b_nls01	11400	10.0	-149.0	20.0	73.0	10.0	-93.0
B400	349	GEO_Eqn_6.12b_nls01	11700	10.0	-145.0	20.0	73.0	4.0	-49.0
B400	349	GEO_Eqn_6.12b_nls01	12000	10.0	-140.0	20.0	73.0	-2.0	-6.0
B400	349	GEO_Eqn_6.12b_nls01	12000	53.0	-69.0	12.0	34.0	-3.0	-6.0
B400	349	GEO_Eqn_6.12b_nls01	12300	53.0	-65.0	12.0	34.0	-6.0	14.0
B400	349	GEO_Eqn_6.12b_nls01	12600	53.0	-60.0	12.0	34.0	-10.0	33.0
B400	349	GEO_Eqn_6.12b_nls01	12600	86.0	-41.0	6.0	-2.0	-10.0	33.0
B400	349	GEO_Eqn_6.12b_nls01	12900	86.0	-36.0	6.0	-2.0	-12.0	44.0
B400	349	GEO_Eqn_6.12b_nls01	13200	86.0	-32.0	6.0	-2.0	-14.0	54.0
B400	349	GEO_Eqn_6.12b_nls01	13200	100.0	-43.0	1.0	-36.0	-14.0	55.0
B400	349	GEO_Eqn_6.12b_nls01	13500	100.0	-39.0	1.0	-36.0	-14.0	67.0
B400	349	GEO_Eqn_6.12b_nls01	13800	100.0	-34.0	1.0	-36.0	-14.0	78.0
B400	349	GEO_Eqn_6.12b_nls01	13800	86.0	-59.0	-5.0	-72.0	-14.0	80.0
B400	349	GEO_Eqn_6.12b_nls01	14100	86.0	-55.0	-5.0	-72.0	-13.0	97.0
B400	349	GEO_Eqn_6.12b_nls01	14400	86.0	-50.0	-5.0	-72.0	-11.0	113.0
B400	349	GEO_Eqn_6.12b_nls01	14400	33.0	-60.0	-11.0	-110.0	-11.0	116.0
B400	349	GEO_Eqn_6.12b_nls01	14700	33.0	-56.0	-11.0	-110.0	-7.0	134.0
B400	349	GEO_Eqn_6.12b_nls01	15000	33.0	-51.0	-11.0	-110.0	-4.0	150.0
B400	349	GEO_Eqn_6.12b_nls01	15000	-82.0	17.0	-21.0	-156.0	-3.0	157.0
B400	349	GEO_Eqn_6.12b_nls01	15300	-82.0	21.0	-21.0	-156.0	3.0	151.0
B400	349	GEO_Eqn_6.12b_nls01	15600	-82.0	26.0	-21.0	-156.0	9.0	144.0
B400	349	GEO_Eqn_6.12b_nls01	15600	-264.0	367.0	-43.0	-213.0	10.0	149.0
B400	349	GEO_Eqn_6.12b_nls01	15900	-264.0	372.0	-43.0	-213.0	23.0	38.0
B400	349	GEO_Eqn_6.12b_nls01	16200	-264.0	376.0	-43.0	-213.0	36.0	-74.0
B400	349	GEO_Eqn_6.12b_nls02	0	-187.0	-227.0	26.0	101.0	21.0	-15.0
B400	349	GEO_Eqn_6.12b_nls02	300	-187.0	-223.0	26.0	101.0	13.0	53.0
B400	349	GEO_Eqn_6.12b_nls02	600	-187.0	-218.0	26.0	101.0	5.0	119.0
B400	349	GEO_Eqn_6.12b_nls02	600	-53.0	-3.0	12.0	65.0	5.0	114.0
B400	349	GEO_Eqn_6.12b_nls02	900	-53.0	1.0	12.0	65.0	1.0	114.0
B400	349	GEO_Eqn_6.12b_nls02	1200	-53.0	6.0	12.0	65.0	-3.0	113.0
B400	349	GEO_Eqn_6.12b_nls02	1200	33.0	35.0	6.0	37.0	-3.0	108.0
B400	349	GEO_Eqn_6.12b_nls02	1500	33.0	40.0	6.0	37.0	-5.0	97.0
B400	349	GEO_Eqn_6.12b_nls02	1800	33.0	44.0	6.0	37.0	-6.0	84.0
B400	349	GEO_Eqn_6.12b_nls02	1800	77.0	25.0	2.0	13.0	-7.0	81.0
B400	349	GEO_Eqn_6.12b_nls02	2100	77.0	30.0	2.0	13.0	-7.0	73.0
B400	349	GEO_Eqn_6.12b_nls02	2400	77.0	34.0	2.0	13.0	-8.0	64.0
B400	349	GEO_Eqn_6.12b_nls02	2400	93.0	5.0	-1.0	-9.0	-8.0	63.0
B400	349	GEO_Eqn_6.12b_nls02	2700	93.0	9.0	-1.0	-9.0	-7.0	60.0
B400	349	GEO_Eqn_6.12b_nls02	3000	93.0	14.0	-1.0	-9.0	-7.0	57.0
B400	349	GEO_Eqn_6.12b_nls02	3000	86.0	-11.0	-4.0	-30.0	-7.0	57.0
B400	349	GEO_Eqn_6.12b_nls02	3300	86.0	-7.0	-4.0	-30.0	-6.0	60.0
B400	349	GEO_Eqn_6.12b_nls02	3600	86.0	-2.0	-4.0	-30.0	-5.0	61.0
B400	349	GEO_Eqn_6.12b_nls02	3600	55.0	-11.0	-6.0	-51.0	-5.0	63.0
B400	349	GEO_Eqn_6.12b_nls02	3900	55.0	-7.0	-6.0	-51.0	-3.0	66.0
B400	349	GEO_Eqn_6.12b_nls02	4200	55.0	-2.0	-6.0	-51.0	-1.0	67.0
B400	349	GEO_Eqn_6.12b_nls02	4200	-7.0	30.0	-10.0	-74.0	-1.0	70.0
B400	349	GEO_Eqn_6.12b_nls02	4500	-7.0	35.0	-10.0	-74.0	2.0	60.0
B400	349	GEO_Eqn_6.12b_nls02	4800	-7.0	39.0	-10.0	-74.0	5.0	49.0
B400	349	GEO_Eqn_6.12b_nls02	4800	-97.0	185.0	-18.0	-100.0	6.0	51.0
B400	349	GEO_Eqn_6.12b_nls02	5100	-97.0	190.0	-18.0	-100.0	11.0	-5.0
B400	349	GEO_Eqn_6.12b_nls02	5400	-97.0	194.0	-18.0	-100.0	16.0	-62.0
B400	349	GEO_Eqn_6.12b_nls02	5400	0.0	-21.0	0.0	-1.0	0.0	-7.0
B400	349	GEO_Eqn_6.12b_nls02	5890.91	0.0	-14.0	0.0	-1.0	0.0	2.0
B400	349	GEO_Eqn_6.12b_nls02	6381.82	0.0	-6.0	0.0	-1.0	0.0	7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls02	6872.73	0.0	1.0	0.0	-1.0	0.0	8.0
B400	349	GEO_Eqn_6.12b_nls02	7363.64	0.0	8.0	0.0	-1.0	0.0	6.0
B400	349	GEO_Eqn_6.12b_nls02	7854.55	0.0	16.0	0.0	-1.0	0.0	0.2
B400	349	GEO_Eqn_6.12b_nls02	8345.45	0.0	23.0	0.0	-1.0	0.0	-9.0
B400	349	GEO_Eqn_6.12b_nls02	8836.36	0.0	30.0	0.0	-1.0	0.0	-22.0
B400	349	GEO_Eqn_6.12b_nls02	9327.27	0.0	38.0	0.0	-1.0	0.0	-39.0
B400	349	GEO_Eqn_6.12b_nls02	9818.18	0.0	45.0	0.0	-1.0	0.0	-60.0
B400	349	GEO_Eqn_6.12b_nls02	10309.09	0.0	52.0	0.0	-1.0	0.0	-83.0
B400	349	GEO_Eqn_6.12b_nls02	10800	0.0	60.0	0.0	-1.0	0.0	-111.0
B400	349	GEO_Eqn_6.12b_nls02	10800	-39.0	-202.0	34.0	114.0	31.0	-124.0
B400	349	GEO_Eqn_6.12b_nls02	11100	-39.0	-198.0	34.0	114.0	21.0	-64.0
B400	349	GEO_Eqn_6.12b_nls02	11400	-39.0	-193.0	34.0	114.0	10.0	-6.0
B400	349	GEO_Eqn_6.12b_nls02	11400	18.0	-75.0	19.0	69.0	9.0	-5.0
B400	349	GEO_Eqn_6.12b_nls02	11700	18.0	-71.0	19.0	69.0	4.0	16.0
B400	349	GEO_Eqn_6.12b_nls02	12000	18.0	-66.0	19.0	69.0	-2.0	37.0
B400	349	GEO_Eqn_6.12b_nls02	12000	63.0	-25.0	11.0	32.0	-2.0	36.0
B400	349	GEO_Eqn_6.12b_nls02	12300	63.0	-21.0	11.0	32.0	-6.0	43.0
B400	349	GEO_Eqn_6.12b_nls02	12600	63.0	-16.0	11.0	32.0	-9.0	48.0
B400	349	GEO_Eqn_6.12b_nls02	12600	89.0	-16.0	6.0	-2.0	-10.0	47.0
B400	349	GEO_Eqn_6.12b_nls02	12900	89.0	-12.0	6.0	-2.0	-11.0	52.0
B400	349	GEO_Eqn_6.12b_nls02	13200	89.0	-7.0	6.0	-2.0	-13.0	54.0
B400	349	GEO_Eqn_6.12b_nls02	13200	93.0	-27.0	1.0	-34.0	-13.0	55.0
B400	349	GEO_Eqn_6.12b_nls02	13500	93.0	-23.0	1.0	-34.0	-13.0	62.0
B400	349	GEO_Eqn_6.12b_nls02	13800	93.0	-18.0	1.0	-34.0	-13.0	68.0
B400	349	GEO_Eqn_6.12b_nls02	13800	74.0	-44.0	-5.0	-68.0	-13.0	70.0
B400	349	GEO_Eqn_6.12b_nls02	14100	74.0	-40.0	-5.0	-68.0	-12.0	82.0
B400	349	GEO_Eqn_6.12b_nls02	14400	74.0	-35.0	-5.0	-68.0	-11.0	94.0
B400	349	GEO_Eqn_6.12b_nls02	14400	22.0	-47.0	-11.0	-105.0	-10.0	97.0
B400	349	GEO_Eqn_6.12b_nls02	14700	22.0	-42.0	-11.0	-105.0	-7.0	111.0
B400	349	GEO_Eqn_6.12b_nls02	15000	22.0	-38.0	-11.0	-105.0	-4.0	123.0
B400	349	GEO_Eqn_6.12b_nls02	15000	-81.0	16.0	-20.0	-149.0	-3.0	128.0
B400	349	GEO_Eqn_6.12b_nls02	15300	-81.0	21.0	-20.0	-149.0	3.0	123.0
B400	349	GEO_Eqn_6.12b_nls02	15600	-81.0	25.0	-20.0	-149.0	9.0	116.0
B400	349	GEO_Eqn_6.12b_nls02	15600	-238.0	306.0	-42.0	-204.0	10.0	120.0
B400	349	GEO_Eqn_6.12b_nls02	15900	-238.0	311.0	-42.0	-204.0	22.0	28.0
B400	349	GEO_Eqn_6.12b_nls02	16200	-238.0	315.0	-42.0	-204.0	35.0	-66.0
B400	349	GEO_Eqn_6.12b_nls03	0	-180.0	-168.0	-25.0	-101.0	-20.0	-16.0
B400	349	GEO_Eqn_6.12b_nls03	300	-180.0	-163.0	-25.0	-101.0	-13.0	34.0
B400	349	GEO_Eqn_6.12b_nls03	600	-180.0	-159.0	-25.0	-101.0	-5.0	82.0
B400	349	GEO_Eqn_6.12b_nls03	600	-72.0	-7.0	-12.0	-66.0	-4.0	78.0
B400	349	GEO_Eqn_6.12b_nls03	900	-72.0	-3.0	-12.0	-66.0	-1.0	80.0
B400	349	GEO_Eqn_6.12b_nls03	1200	-72.0	2.0	-12.0	-66.0	3.0	80.0
B400	349	GEO_Eqn_6.12b_nls03	1200	7.0	18.0	-6.0	-39.0	3.0	76.0
B400	349	GEO_Eqn_6.12b_nls03	1500	7.0	23.0	-6.0	-39.0	5.0	69.0
B400	349	GEO_Eqn_6.12b_nls03	1800	7.0	27.0	-6.0	-39.0	6.0	62.0
B400	349	GEO_Eqn_6.12b_nls03	1800	56.0	7.0	-2.0	-16.0	6.0	59.0
B400	349	GEO_Eqn_6.12b_nls03	2100	56.0	11.0	-2.0	-16.0	7.0	57.0
B400	349	GEO_Eqn_6.12b_nls03	2400	56.0	16.0	-2.0	-16.0	7.0	53.0
B400	349	GEO_Eqn_6.12b_nls03	2400	85.0	-16.0	1.0	5.0	7.0	51.0
B400	349	GEO_Eqn_6.12b_nls03	2700	85.0	-11.0	1.0	5.0	7.0	55.0
B400	349	GEO_Eqn_6.12b_nls03	3000	85.0	-7.0	1.0	5.0	7.0	58.0
B400	349	GEO_Eqn_6.12b_nls03	3000	96.0	-43.0	4.0	25.0	7.0	58.0
B400	349	GEO_Eqn_6.12b_nls03	3300	96.0	-38.0	4.0	25.0	6.0	70.0
B400	349	GEO_Eqn_6.12b_nls03	3600	96.0	-34.0	4.0	25.0	4.0	81.0
B400	349	GEO_Eqn_6.12b_nls03	3600	81.0	-68.0	6.0	44.0	4.0	83.0
B400	349	GEO_Eqn_6.12b_nls03	3900	81.0	-64.0	6.0	44.0	3.0	103.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls03	4200	81.0	-59.0	6.0	44.0	1.0	121.0
B400	349	GEO_Eqn_6.12b_nls03	4200	22.0	-66.0	9.0	65.0	0.4	126.0
B400	349	GEO_Eqn_6.12b_nls03	4500	22.0	-62.0	9.0	65.0	-2.0	145.0
B400	349	GEO_Eqn_6.12b_nls03	4800	22.0	-57.0	9.0	65.0	-5.0	163.0
B400	349	GEO_Eqn_6.12b_nls03	4800	-95.0	84.0	16.0	89.0	-6.0	170.0
B400	349	GEO_Eqn_6.12b_nls03	5100	-95.0	89.0	16.0	89.0	-11.0	144.0
B400	349	GEO_Eqn_6.12b_nls03	5400	-95.0	93.0	16.0	89.0	-15.0	117.0
B400	349	GEO_Eqn_6.12b_nls03	5400	0.0	45.0	0.0	-24.0	0.0	162.0
B400	349	GEO_Eqn_6.12b_nls03	5890.91	0.0	52.0	0.0	-24.0	0.0	138.0
B400	349	GEO_Eqn_6.12b_nls03	6381.82	0.0	60.0	0.0	-24.0	0.0	110.0
B400	349	GEO_Eqn_6.12b_nls03	6872.73	0.0	67.0	0.0	-24.0	0.0	79.0
B400	349	GEO_Eqn_6.12b_nls03	7363.64	0.0	74.0	0.0	-24.0	0.0	44.0
B400	349	GEO_Eqn_6.12b_nls03	7854.55	0.0	82.0	0.0	-24.0	0.0	6.0
B400	349	GEO_Eqn_6.12b_nls03	8345.45	0.0	89.0	0.0	-24.0	0.0	-36.0
B400	349	GEO_Eqn_6.12b_nls03	8836.36	0.0	97.0	0.0	-24.0	0.0	-82.0
B400	349	GEO_Eqn_6.12b_nls03	9327.27	0.0	104.0	0.0	-24.0	0.0	-131.0
B400	349	GEO_Eqn_6.12b_nls03	9818.18	0.0	111.0	0.0	-24.0	0.0	-184.0
B400	349	GEO_Eqn_6.12b_nls03	10309.09	0.0	119.0	0.0	-24.0	0.0	-240.0
B400	349	GEO_Eqn_6.12b_nls03	10800	0.0	126.0	0.0	-24.0	0.0	-300.0
B400	349	GEO_Eqn_6.12b_nls03	10800	-11.0	-298.0	-27.0	-81.0	-25.0	-266.0
B400	349	GEO_Eqn_6.12b_nls03	11100	-11.0	-293.0	-27.0	-81.0	-17.0	-177.0
B400	349	GEO_Eqn_6.12b_nls03	11400	-11.0	-289.0	-27.0	-81.0	-8.0	-90.0
B400	349	GEO_Eqn_6.12b_nls03	11400	26.0	-152.0	-15.0	-46.0	-8.0	-86.0
B400	349	GEO_Eqn_6.12b_nls03	11700	26.0	-147.0	-15.0	-46.0	-3.0	-41.0
B400	349	GEO_Eqn_6.12b_nls03	12000	26.0	-143.0	-15.0	-46.0	1.0	2.0
B400	349	GEO_Eqn_6.12b_nls03	12000	70.0	-67.0	-9.0	-16.0	2.0	3.0
B400	349	GEO_Eqn_6.12b_nls03	12300	70.0	-62.0	-9.0	-16.0	5.0	22.0
B400	349	GEO_Eqn_6.12b_nls03	12600	70.0	-58.0	-9.0	-16.0	7.0	40.0
B400	349	GEO_Eqn_6.12b_nls03	12600	100.0	-39.0	-5.0	11.0	8.0	40.0
B400	349	GEO_Eqn_6.12b_nls03	12900	100.0	-34.0	-5.0	11.0	9.0	51.0
B400	349	GEO_Eqn_6.12b_nls03	13200	100.0	-30.0	-5.0	11.0	10.0	60.0
B400	349	GEO_Eqn_6.12b_nls03	13200	108.0	-43.0	-1.0	37.0	10.0	61.0
B400	349	GEO_Eqn_6.12b_nls03	13500	108.0	-38.0	-1.0	37.0	11.0	73.0
B400	349	GEO_Eqn_6.12b_nls03	13800	108.0	-34.0	-1.0	37.0	11.0	84.0
B400	349	GEO_Eqn_6.12b_nls03	13800	88.0	-61.0	3.0	65.0	11.0	86.0
B400	349	GEO_Eqn_6.12b_nls03	14100	88.0	-57.0	3.0	65.0	10.0	103.0
B400	349	GEO_Eqn_6.12b_nls03	14400	88.0	-52.0	3.0	65.0	9.0	120.0
B400	349	GEO_Eqn_6.12b_nls03	14400	25.0	-65.0	9.0	97.0	8.0	124.0
B400	349	GEO_Eqn_6.12b_nls03	14700	25.0	-61.0	9.0	97.0	6.0	143.0
B400	349	GEO_Eqn_6.12b_nls03	15000	25.0	-56.0	9.0	97.0	3.0	161.0
B400	349	GEO_Eqn_6.12b_nls03	15000	-103.0	13.0	16.0	133.0	3.0	168.0
B400	349	GEO_Eqn_6.12b_nls03	15300	-103.0	17.0	16.0	133.0	-2.0	163.0
B400	349	GEO_Eqn_6.12b_nls03	15600	-103.0	22.0	16.0	133.0	-7.0	157.0
B400	349	GEO_Eqn_6.12b_nls03	15600	-303.0	383.0	34.0	181.0	-8.0	164.0
B400	349	GEO_Eqn_6.12b_nls03	15900	-303.0	388.0	34.0	181.0	-18.0	48.0
B400	349	GEO_Eqn_6.12b_nls03	16200	-303.0	392.0	34.0	181.0	-28.0	-69.0
B400	349	GEO_Eqn_6.12b_nls04	0	-199.0	-242.0	-21.0	-83.0	-17.0	-4.0
B400	349	GEO_Eqn_6.12b_nls04	300	-199.0	-237.0	-21.0	-83.0	-11.0	68.0
B400	349	GEO_Eqn_6.12b_nls04	600	-199.0	-233.0	-21.0	-83.0	-4.0	139.0
B400	349	GEO_Eqn_6.12b_nls04	600	-52.0	4.0	-10.0	-54.0	-4.0	133.0
B400	349	GEO_Eqn_6.12b_nls04	900	-52.0	9.0	-10.0	-54.0	-1.0	131.0
B400	349	GEO_Eqn_6.12b_nls04	1200	-52.0	13.0	-10.0	-54.0	2.0	128.0
B400	349	GEO_Eqn_6.12b_nls04	1200	39.0	44.0	-5.0	-32.0	2.0	123.0
B400	349	GEO_Eqn_6.12b_nls04	1500	39.0	49.0	-5.0	-32.0	4.0	109.0
B400	349	GEO_Eqn_6.12b_nls04	1800	39.0	53.0	-5.0	-32.0	5.0	93.0
B400	349	GEO_Eqn_6.12b_nls04	1800	83.0	33.0	-1.0	-12.0	5.0	90.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls04	2100	83.0	37.0	-1.0	-12.0	6.0	80.0
B400	349	GEO_Eqn_6.12b_nls04	2400	83.0	42.0	-1.0	-12.0	6.0	68.0
B400	349	GEO_Eqn_6.12b_nls04	2400	94.0	14.0	1.0	6.0	6.0	67.0
B400	349	GEO_Eqn_6.12b_nls04	2700	94.0	18.0	1.0	6.0	6.0	62.0
B400	349	GEO_Eqn_6.12b_nls04	3000	94.0	23.0	1.0	6.0	6.0	56.0
B400	349	GEO_Eqn_6.12b_nls04	3000	82.0	5.0	3.0	23.0	6.0	56.0
B400	349	GEO_Eqn_6.12b_nls04	3300	82.0	9.0	3.0	23.0	5.0	54.0
B400	349	GEO_Eqn_6.12b_nls04	3600	82.0	14.0	3.0	23.0	4.0	50.0
B400	349	GEO_Eqn_6.12b_nls04	3600	47.0	21.0	5.0	40.0	4.0	52.0
B400	349	GEO_Eqn_6.12b_nls04	3900	47.0	26.0	5.0	40.0	2.0	45.0
B400	349	GEO_Eqn_6.12b_nls04	4200	47.0	30.0	5.0	40.0	1.0	37.0
B400	349	GEO_Eqn_6.12b_nls04	4200	-11.0	89.0	8.0	58.0	0.4	38.0
B400	349	GEO_Eqn_6.12b_nls04	4500	-11.0	94.0	8.0	58.0	-2.0	11.0
B400	349	GEO_Eqn_6.12b_nls04	4800	-11.0	98.0	8.0	58.0	-4.0	-18.0
B400	349	GEO_Eqn_6.12b_nls04	4800	-82.0	254.0	14.0	78.0	-5.0	-19.0
B400	349	GEO_Eqn_6.12b_nls04	5100	-82.0	258.0	14.0	78.0	-9.0	-96.0
B400	349	GEO_Eqn_6.12b_nls04	5400	-82.0	263.0	14.0	78.0	-13.0	-174.0
B400	349	GEO_Eqn_6.12b_nls04	5400	0.0	-80.0	0.0	10.0	0.0	-177.0
B400	349	GEO_Eqn_6.12b_nls04	5890.91	0.0	-73.0	0.0	10.0	0.0	-140.0
B400	349	GEO_Eqn_6.12b_nls04	6381.82	0.0	-65.0	0.0	10.0	0.0	-106.0
B400	349	GEO_Eqn_6.12b_nls04	6872.73	0.0	-58.0	0.0	10.0	0.0	-76.0
B400	349	GEO_Eqn_6.12b_nls04	7363.64	0.0	-50.0	0.0	10.0	0.0	-49.0
B400	349	GEO_Eqn_6.12b_nls04	7854.55	0.0	-43.0	0.0	10.0	0.0	-26.0
B400	349	GEO_Eqn_6.12b_nls04	8345.45	0.0	-36.0	0.0	10.0	0.0	-7.0
B400	349	GEO_Eqn_6.12b_nls04	8836.36	0.0	-28.0	0.0	10.0	0.0	9.0
B400	349	GEO_Eqn_6.12b_nls04	9327.27	0.0	-21.0	0.0	10.0	0.0	21.0
B400	349	GEO_Eqn_6.12b_nls04	9818.18	0.0	-14.0	0.0	10.0	0.0	29.0
B400	349	GEO_Eqn_6.12b_nls04	10309.09	0.0	-6.0	0.0	10.0	0.0	34.0
B400	349	GEO_Eqn_6.12b_nls04	10800	0.0	1.0	0.0	10.0	0.0	36.0
B400	349	GEO_Eqn_6.12b_nls04	10800	-38.0	-138.0	-32.0	-96.0	-29.0	20.0
B400	349	GEO_Eqn_6.12b_nls04	11100	-38.0	-133.0	-32.0	-96.0	-19.0	61.0
B400	349	GEO_Eqn_6.12b_nls04	11400	-38.0	-129.0	-32.0	-96.0	-10.0	100.0
B400	349	GEO_Eqn_6.12b_nls04	11400	50.0	3.0	-18.0	-55.0	-9.0	97.0
B400	349	GEO_Eqn_6.12b_nls04	11700	50.0	8.0	-18.0	-55.0	-4.0	95.0
B400	349	GEO_Eqn_6.12b_nls04	12000	50.0	12.0	-18.0	-55.0	2.0	92.0
B400	349	GEO_Eqn_6.12b_nls04	12000	97.0	25.0	-11.0	-21.0	2.0	89.0
B400	349	GEO_Eqn_6.12b_nls04	12300	97.0	29.0	-11.0	-21.0	5.0	81.0
B400	349	GEO_Eqn_6.12b_nls04	12600	97.0	34.0	-11.0	-21.0	9.0	72.0
B400	349	GEO_Eqn_6.12b_nls04	12600	108.0	13.0	-5.0	11.0	9.0	70.0
B400	349	GEO_Eqn_6.12b_nls04	12900	108.0	18.0	-5.0	11.0	10.0	66.0
B400	349	GEO_Eqn_6.12b_nls04	13200	108.0	22.0	-5.0	11.0	12.0	60.0
B400	349	GEO_Eqn_6.12b_nls04	13200	95.0	-8.0	-1.0	42.0	12.0	60.0
B400	349	GEO_Eqn_6.12b_nls04	13500	95.0	-4.0	-1.0	42.0	12.0	62.0
B400	349	GEO_Eqn_6.12b_nls04	13800	95.0	1.0	-1.0	42.0	13.0	63.0
B400	349	GEO_Eqn_6.12b_nls04	13800	59.0	-30.0	4.0	74.0	12.0	65.0
B400	349	GEO_Eqn_6.12b_nls04	14100	59.0	-25.0	4.0	74.0	11.0	73.0
B400	349	GEO_Eqn_6.12b_nls04	14400	59.0	-21.0	4.0	74.0	10.0	80.0
B400	349	GEO_Eqn_6.12b_nls04	14400	-5.0	-37.0	10.0	109.0	10.0	83.0
B400	349	GEO_Eqn_6.12b_nls04	14700	-5.0	-32.0	10.0	109.0	7.0	94.0
B400	349	GEO_Eqn_6.12b_nls04	15000	-5.0	-28.0	10.0	109.0	4.0	103.0
B400	349	GEO_Eqn_6.12b_nls04	15000	-109.0	12.0	19.0	151.0	3.0	108.0
B400	349	GEO_Eqn_6.12b_nls04	15300	-109.0	17.0	19.0	151.0	-2.0	104.0
B400	349	GEO_Eqn_6.12b_nls04	15600	-109.0	21.0	19.0	151.0	-8.0	98.0
B400	349	GEO_Eqn_6.12b_nls04	15600	-257.0	255.0	39.0	204.0	-9.0	103.0
B400	349	GEO_Eqn_6.12b_nls04	15900	-257.0	259.0	39.0	204.0	-21.0	26.0
B400	349	GEO_Eqn_6.12b_nls04	16200	-257.0	264.0	39.0	204.0	-33.0	-53.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls05	0	-177.0	-192.0	25.0	98.0	20.0	-21.0
B400	349	GEO_Eqn_6.12b_nls05	300	-177.0	-188.0	25.0	98.0	13.0	36.0
B400	349	GEO_Eqn_6.12b_nls05	600	-177.0	-183.0	25.0	98.0	5.0	92.0
B400	349	GEO_Eqn_6.12b_nls05	600	-61.0	-9.0	11.0	64.0	4.0	88.0
B400	349	GEO_Eqn_6.12b_nls05	900	-61.0	-4.0	11.0	64.0	1.0	90.0
B400	349	GEO_Eqn_6.12b_nls05	1200	-61.0	0.2	11.0	64.0	-3.0	90.0
B400	349	GEO_Eqn_6.12b_nls05	1200	19.0	23.0	6.0	36.0	-3.0	86.0
B400	349	GEO_Eqn_6.12b_nls05	1500	18.0	27.0	6.0	36.0	-4.0	78.0
B400	349	GEO_Eqn_6.12b_nls05	1800	18.0	32.0	6.0	36.0	-6.0	69.0
B400	349	GEO_Eqn_6.12b_nls05	1800	65.0	13.0	2.0	13.0	-6.0	67.0
B400	349	GEO_Eqn_6.12b_nls05	2100	65.0	17.0	2.0	13.0	-7.0	62.0
B400	349	GEO_Eqn_6.12b_nls05	2400	65.0	22.0	2.0	13.0	-7.0	56.0
B400	349	GEO_Eqn_6.12b_nls05	2400	88.0	-9.0	-1.0	-8.0	-7.0	55.0
B400	349	GEO_Eqn_6.12b_nls05	2700	88.0	-5.0	-1.0	-8.0	-7.0	57.0
B400	349	GEO_Eqn_6.12b_nls05	3000	88.0	-0.1	-1.0	-8.0	-7.0	58.0
B400	349	GEO_Eqn_6.12b_nls05	3000	92.0	-34.0	-3.0	-28.0	-7.0	58.0
B400	349	GEO_Eqn_6.12b_nls05	3300	92.0	-29.0	-3.0	-28.0	-6.0	68.0
B400	349	GEO_Eqn_6.12b_nls05	3600	92.0	-25.0	-3.0	-28.0	-5.0	76.0
B400	349	GEO_Eqn_6.12b_nls05	3600	70.0	-53.0	-6.0	-48.0	-4.0	78.0
B400	349	GEO_Eqn_6.12b_nls05	3900	70.0	-49.0	-6.0	-48.0	-3.0	93.0
B400	349	GEO_Eqn_6.12b_nls05	4200	70.0	-44.0	-6.0	-48.0	-1.0	107.0
B400	349	GEO_Eqn_6.12b_nls05	4200	8.0	-43.0	-9.0	-69.0	-0.5	111.0
B400	349	GEO_Eqn_6.12b_nls05	4500	8.0	-39.0	-9.0	-69.0	2.0	123.0
B400	349	GEO_Eqn_6.12b_nls05	4800	8.0	-34.0	-9.0	-69.0	5.0	134.0
B400	349	GEO_Eqn_6.12b_nls05	4800	-104.0	105.0	-17.0	-93.0	6.0	140.0
B400	349	GEO_Eqn_6.12b_nls05	5100	-104.0	109.0	-17.0	-93.0	11.0	108.0
B400	349	GEO_Eqn_6.12b_nls05	5400	-104.0	114.0	-17.0	-93.0	16.0	74.0
B400	349	GEO_Eqn_6.12b_nls05	5400	0.0	38.0	0.0	-13.0	0.0	153.0
B400	349	GEO_Eqn_6.12b_nls05	5890.91	0.0	45.0	0.0	-13.0	0.0	133.0
B400	349	GEO_Eqn_6.12b_nls05	6381.82	0.0	52.0	0.0	-13.0	0.0	109.0
B400	349	GEO_Eqn_6.12b_nls05	6872.73	0.0	60.0	0.0	-13.0	0.0	81.0
B400	349	GEO_Eqn_6.12b_nls05	7363.64	0.0	67.0	0.0	-13.0	0.0	50.0
B400	349	GEO_Eqn_6.12b_nls05	7854.55	0.0	74.0	0.0	-13.0	0.0	15.0
B400	349	GEO_Eqn_6.12b_nls05	8345.45	0.0	82.0	0.0	-13.0	0.0	-23.0
B400	349	GEO_Eqn_6.12b_nls05	8836.36	0.0	89.0	0.0	-13.0	0.0	-65.0
B400	349	GEO_Eqn_6.12b_nls05	9327.27	0.0	97.0	0.0	-13.0	0.0	-111.0
B400	349	GEO_Eqn_6.12b_nls05	9818.18	0.0	104.0	0.0	-13.0	0.0	-160.0
B400	349	GEO_Eqn_6.12b_nls05	10309.09	0.0	111.0	0.0	-13.0	0.0	-213.0
B400	349	GEO_Eqn_6.12b_nls05	10800	0.0	119.0	0.0	-13.0	0.0	-269.0
B400	349	GEO_Eqn_6.12b_nls05	10800	-21.0	-277.0	35.0	119.0	31.0	-258.0
B400	349	GEO_Eqn_6.12b_nls05	11100	-21.0	-272.0	35.0	119.0	21.0	-175.0
B400	349	GEO_Eqn_6.12b_nls05	11400	-21.0	-268.0	35.0	119.0	10.0	-94.0
B400	349	GEO_Eqn_6.12b_nls05	11400	12.0	-147.0	19.0	73.0	9.0	-91.0
B400	349	GEO_Eqn_6.12b_nls05	11700	12.0	-143.0	19.0	73.0	4.0	-47.0
B400	349	GEO_Eqn_6.12b_nls05	12000	12.0	-138.0	19.0	73.0	-2.0	-5.0
B400	349	GEO_Eqn_6.12b_nls05	12000	54.0	-68.0	11.0	35.0	-3.0	-5.0
B400	349	GEO_Eqn_6.12b_nls05	12300	54.0	-63.0	11.0	35.0	-6.0	15.0
B400	349	GEO_Eqn_6.12b_nls05	12600	54.0	-59.0	11.0	35.0	-9.0	34.0
B400	349	GEO_Eqn_6.12b_nls05	12600	87.0	-40.0	6.0	1.0	-10.0	33.0
B400	349	GEO_Eqn_6.12b_nls05	12900	86.0	-36.0	6.0	1.0	-11.0	44.0
B400	349	GEO_Eqn_6.12b_nls05	13200	86.0	-31.0	6.0	1.0	-13.0	55.0
B400	349	GEO_Eqn_6.12b_nls05	13200	99.0	-43.0	1.0	-32.0	-13.0	55.0
B400	349	GEO_Eqn_6.12b_nls05	13500	99.0	-38.0	1.0	-32.0	-13.0	67.0
B400	349	GEO_Eqn_6.12b_nls05	13800	99.0	-34.0	1.0	-32.0	-13.0	78.0
B400	349	GEO_Eqn_6.12b_nls05	13800	85.0	-59.0	-5.0	-66.0	-13.0	80.0
B400	349	GEO_Eqn_6.12b_nls05	14100	85.0	-54.0	-5.0	-66.0	-12.0	97.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls05	14400	85.0	-50.0	-5.0	-66.0	-11.0	112.0
B400	349	GEO_Eqn_6.12b_nls05	14400	32.0	-60.0	-11.0	-103.0	-10.0	116.0
B400	349	GEO_Eqn_6.12b_nls05	14700	32.0	-56.0	-11.0	-103.0	-7.0	133.0
B400	349	GEO_Eqn_6.12b_nls05	15000	32.0	-51.0	-11.0	-103.0	-4.0	150.0
B400	349	GEO_Eqn_6.12b_nls05	15000	-83.0	16.0	-20.0	-146.0	-3.0	156.0
B400	349	GEO_Eqn_6.12b_nls05	15300	-83.0	21.0	-20.0	-146.0	3.0	150.0
B400	349	GEO_Eqn_6.12b_nls05	15600	-83.0	25.0	-20.0	-146.0	9.0	144.0
B400	349	GEO_Eqn_6.12b_nls05	15600	-265.0	366.0	-41.0	-200.0	10.0	149.0
B400	349	GEO_Eqn_6.12b_nls05	15900	-265.0	370.0	-41.0	-200.0	22.0	39.0
B400	349	GEO_Eqn_6.12b_nls05	16200	-265.0	375.0	-41.0	-200.0	34.0	-73.0
B400	349	GEO_Eqn_6.12b_nls06	0	-206.0	-265.0	30.0	119.0	24.0	-9.0
B400	349	GEO_Eqn_6.12b_nls06	300	-206.0	-261.0	30.0	119.0	15.0	70.0
B400	349	GEO_Eqn_6.12b_nls06	600	-206.0	-256.0	30.0	119.0	6.0	147.0
B400	349	GEO_Eqn_6.12b_nls06	600	-50.0	2.0	14.0	78.0	5.0	141.0
B400	349	GEO_Eqn_6.12b_nls06	900	-50.0	7.0	14.0	78.0	1.0	140.0
B400	349	GEO_Eqn_6.12b_nls06	1200	-50.0	11.0	14.0	78.0	-3.0	137.0
B400	349	GEO_Eqn_6.12b_nls06	1200	45.0	48.0	7.0	46.0	-3.0	132.0
B400	349	GEO_Eqn_6.12b_nls06	1500	45.0	53.0	7.0	46.0	-5.0	117.0
B400	349	GEO_Eqn_6.12b_nls06	1800	45.0	57.0	7.0	46.0	-7.0	100.0
B400	349	GEO_Eqn_6.12b_nls06	1800	89.0	38.0	2.0	18.0	-7.0	97.0
B400	349	GEO_Eqn_6.12b_nls06	2100	89.0	42.0	2.0	18.0	-8.0	85.0
B400	349	GEO_Eqn_6.12b_nls06	2400	89.0	47.0	2.0	18.0	-9.0	71.0
B400	349	GEO_Eqn_6.12b_nls06	2400	97.0	19.0	-1.0	-7.0	-9.0	70.0
B400	349	GEO_Eqn_6.12b_nls06	2700	97.0	23.0	-1.0	-7.0	-8.0	64.0
B400	349	GEO_Eqn_6.12b_nls06	3000	97.0	28.0	-1.0	-7.0	-8.0	56.0
B400	349	GEO_Eqn_6.12b_nls06	3000	82.0	12.0	-4.0	-30.0	-8.0	57.0
B400	349	GEO_Eqn_6.12b_nls06	3300	82.0	16.0	-4.0	-30.0	-7.0	52.0
B400	349	GEO_Eqn_6.12b_nls06	3600	82.0	21.0	-4.0	-30.0	-5.0	47.0
B400	349	GEO_Eqn_6.12b_nls06	3600	42.0	33.0	-7.0	-54.0	-5.0	48.0
B400	349	GEO_Eqn_6.12b_nls06	3900	42.0	37.0	-7.0	-54.0	-3.0	38.0
B400	349	GEO_Eqn_6.12b_nls06	4200	42.0	42.0	-7.0	-54.0	-1.0	26.0
B400	349	GEO_Eqn_6.12b_nls06	4200	-17.0	108.0	-11.0	-79.0	-1.0	27.0
B400	349	GEO_Eqn_6.12b_nls06	4500	-17.0	112.0	-11.0	-79.0	3.0	-6.0
B400	349	GEO_Eqn_6.12b_nls06	4800	-17.0	117.0	-11.0	-79.0	6.0	-40.0
B400	349	GEO_Eqn_6.12b_nls06	4800	-83.0	271.0	-20.0	-107.0	7.0	-42.0
B400	349	GEO_Eqn_6.12b_nls06	5100	-83.0	276.0	-20.0	-107.0	13.0	-124.0
B400	349	GEO_Eqn_6.12b_nls06	5400	-83.0	280.0	-20.0	-107.0	18.0	-207.0
B400	349	GEO_Eqn_6.12b_nls06	5400	0.0	-83.0	0.0	20.0	0.0	-174.0
B400	349	GEO_Eqn_6.12b_nls06	5890.91	0.0	-75.0	0.0	20.0	0.0	-135.0
B400	349	GEO_Eqn_6.12b_nls06	6381.82	0.0	-68.0	0.0	20.0	0.0	-100.0
B400	349	GEO_Eqn_6.12b_nls06	6872.73	0.0	-61.0	0.0	20.0	0.0	-68.0
B400	349	GEO_Eqn_6.12b_nls06	7363.64	0.0	-53.0	0.0	20.0	0.0	-40.0
B400	349	GEO_Eqn_6.12b_nls06	7854.55	0.0	-46.0	0.0	20.0	0.0	-16.0
B400	349	GEO_Eqn_6.12b_nls06	8345.45	0.0	-38.0	0.0	20.0	0.0	5.0
B400	349	GEO_Eqn_6.12b_nls06	8836.36	0.0	-31.0	0.0	20.0	0.0	22.0
B400	349	GEO_Eqn_6.12b_nls06	9327.27	0.0	-24.0	0.0	20.0	0.0	35.0
B400	349	GEO_Eqn_6.12b_nls06	9818.18	0.0	-16.0	0.0	20.0	0.0	45.0
B400	349	GEO_Eqn_6.12b_nls06	10309.09	0.0	-9.0	0.0	20.0	0.0	51.0
B400	349	GEO_Eqn_6.12b_nls06	10800	0.0	-2.0	0.0	20.0	0.0	54.0
B400	349	GEO_Eqn_6.12b_nls06	10800	-23.0	-123.0	31.0	106.0	28.0	19.0
B400	349	GEO_Eqn_6.12b_nls06	11100	-23.0	-119.0	31.0	106.0	19.0	55.0
B400	349	GEO_Eqn_6.12b_nls06	11400	-23.0	-114.0	31.0	106.0	9.0	90.0
B400	349	GEO_Eqn_6.12b_nls06	11400	53.0	2.0	17.0	66.0	9.0	87.0
B400	349	GEO_Eqn_6.12b_nls06	11700	53.0	7.0	17.0	66.0	3.0	85.0
B400	349	GEO_Eqn_6.12b_nls06	12000	53.0	11.0	17.0	66.0	-2.0	83.0
B400	349	GEO_Eqn_6.12b_nls06	12000	93.0	22.0	10.0	32.0	-2.0	80.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls06	12300	93.0	26.0	10.0	32.0	-5.0	73.0
B400	349	GEO_Eqn_6.12b_nls06	12600	93.0	31.0	10.0	32.0	-8.0	64.0
B400	349	GEO_Eqn_6.12b_nls06	12600	100.0	11.0	5.0	1.0	-9.0	63.0
B400	349	GEO_Eqn_6.12b_nls06	12900	100.0	16.0	5.0	1.0	-10.0	59.0
B400	349	GEO_Eqn_6.12b_nls06	13200	100.0	20.0	5.0	1.0	-12.0	54.0
B400	349	GEO_Eqn_6.12b_nls06	13200	86.0	-8.0	1.0	-29.0	-12.0	55.0
B400	349	GEO_Eqn_6.12b_nls06	13500	86.0	-3.0	1.0	-29.0	-12.0	56.0
B400	349	GEO_Eqn_6.12b_nls06	13800	86.0	1.0	1.0	-29.0	-12.0	57.0
B400	349	GEO_Eqn_6.12b_nls06	13800	50.0	-27.0	-4.0	-59.0	-12.0	59.0
B400	349	GEO_Eqn_6.12b_nls06	14100	50.0	-22.0	-4.0	-59.0	-11.0	66.0
B400	349	GEO_Eqn_6.12b_nls06	14400	50.0	-18.0	-4.0	-59.0	-10.0	72.0
B400	349	GEO_Eqn_6.12b_nls06	14400	-10.0	-32.0	-10.0	-93.0	-9.0	75.0
B400	349	GEO_Eqn_6.12b_nls06	14700	-10.0	-28.0	-10.0	-93.0	-6.0	84.0
B400	349	GEO_Eqn_6.12b_nls06	15000	-10.0	-23.0	-10.0	-93.0	-4.0	92.0
B400	349	GEO_Eqn_6.12b_nls06	15000	-107.0	15.0	-18.0	-133.0	-3.0	97.0
B400	349	GEO_Eqn_6.12b_nls06	15300	-107.0	19.0	-18.0	-133.0	2.0	92.0
B400	349	GEO_Eqn_6.12b_nls06	15600	-107.0	24.0	-18.0	-133.0	8.0	85.0
B400	349	GEO_Eqn_6.12b_nls06	15600	-242.0	239.0	-38.0	-182.0	9.0	90.0
B400	349	GEO_Eqn_6.12b_nls06	15900	-242.0	243.0	-38.0	-182.0	20.0	17.0
B400	349	GEO_Eqn_6.12b_nls06	16200	-242.0	248.0	-38.0	-182.0	31.0	-56.0
B400	349	GEO_Eqn_6.12b_nls07	0	-190.0	-167.0	-26.0	-108.0	-21.0	-16.0
B400	349	GEO_Eqn_6.12b_nls07	300	-190.0	-163.0	-26.0	-108.0	-13.0	34.0
B400	349	GEO_Eqn_6.12b_nls07	600	-190.0	-158.0	-26.0	-108.0	-5.0	82.0
B400	349	GEO_Eqn_6.12b_nls07	600	-80.0	-7.0	-12.0	-71.0	-4.0	78.0
B400	349	GEO_Eqn_6.12b_nls07	900	-80.0	-3.0	-12.0	-71.0	-1.0	79.0
B400	349	GEO_Eqn_6.12b_nls07	1200	-80.0	2.0	-12.0	-71.0	3.0	79.0
B400	349	GEO_Eqn_6.12b_nls07	1200	1.0	18.0	-6.0	-43.0	3.0	75.0
B400	349	GEO_Eqn_6.12b_nls07	1500	1.0	22.0	-6.0	-43.0	5.0	69.0
B400	349	GEO_Eqn_6.12b_nls07	1800	1.0	27.0	-6.0	-43.0	6.0	62.0
B400	349	GEO_Eqn_6.12b_nls07	1800	53.0	6.0	-2.0	-19.0	7.0	59.0
B400	349	GEO_Eqn_6.12b_nls07	2100	53.0	11.0	-2.0	-19.0	7.0	56.0
B400	349	GEO_Eqn_6.12b_nls07	2400	53.0	15.0	-2.0	-19.0	8.0	52.0
B400	349	GEO_Eqn_6.12b_nls07	2400	85.0	-17.0	1.0	3.0	8.0	51.0
B400	349	GEO_Eqn_6.12b_nls07	2700	85.0	-12.0	1.0	3.0	7.0	55.0
B400	349	GEO_Eqn_6.12b_nls07	3000	85.0	-8.0	1.0	3.0	7.0	58.0
B400	349	GEO_Eqn_6.12b_nls07	3000	99.0	-44.0	4.0	23.0	7.0	58.0
B400	349	GEO_Eqn_6.12b_nls07	3300	99.0	-39.0	4.0	23.0	6.0	71.0
B400	349	GEO_Eqn_6.12b_nls07	3600	99.0	-35.0	4.0	23.0	5.0	82.0
B400	349	GEO_Eqn_6.12b_nls07	3600	87.0	-69.0	6.0	43.0	4.0	84.0
B400	349	GEO_Eqn_6.12b_nls07	3900	87.0	-64.0	6.0	43.0	3.0	104.0
B400	349	GEO_Eqn_6.12b_nls07	4200	87.0	-60.0	6.0	43.0	1.0	122.0
B400	349	GEO_Eqn_6.12b_nls07	4200	30.0	-67.0	10.0	64.0	0.4	127.0
B400	349	GEO_Eqn_6.12b_nls07	4500	30.0	-63.0	10.0	64.0	-2.0	146.0
B400	349	GEO_Eqn_6.12b_nls07	4800	30.0	-58.0	10.0	64.0	-5.0	164.0
B400	349	GEO_Eqn_6.12b_nls07	4800	-85.0	84.0	17.0	88.0	-6.0	171.0
B400	349	GEO_Eqn_6.12b_nls07	5100	-85.0	88.0	17.0	88.0	-11.0	145.0
B400	349	GEO_Eqn_6.12b_nls07	5400	-85.0	93.0	17.0	88.0	-16.0	118.0
B400	349	GEO_Eqn_6.12b_nls07	5400	0.0	45.0	0.0	-28.0	0.0	163.0
B400	349	GEO_Eqn_6.12b_nls07	5890.91	0.0	53.0	0.0	-28.0	0.0	139.0
B400	349	GEO_Eqn_6.12b_nls07	6381.82	0.0	60.0	0.0	-28.0	0.0	111.0
B400	349	GEO_Eqn_6.12b_nls07	6872.73	0.0	67.0	0.0	-28.0	0.0	80.0
B400	349	GEO_Eqn_6.12b_nls07	7363.64	0.0	75.0	0.0	-28.0	0.0	45.0
B400	349	GEO_Eqn_6.12b_nls07	7854.55	0.0	82.0	0.0	-28.0	0.0	6.0
B400	349	GEO_Eqn_6.12b_nls07	8345.45	0.0	89.0	0.0	-28.0	0.0	-36.0
B400	349	GEO_Eqn_6.12b_nls07	8836.36	0.0	97.0	0.0	-28.0	0.0	-82.0
B400	349	GEO_Eqn_6.12b_nls07	9327.27	0.0	104.0	0.0	-28.0	0.0	-131.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls07	9818.18	0.0	112.0	0.0	-28.0	0.0	-184.0
B400	349	GEO_Eqn_6.12b_nls07	10309.09	0.0	119.0	0.0	-28.0	0.0	-241.0
B400	349	GEO_Eqn_6.12b_nls07	10800	0.0	126.0	0.0	-28.0	0.0	-301.0
B400	349	GEO_Eqn_6.12b_nls07	10800	-12.0	-299.0	-25.0	-78.0	-23.0	-268.0
B400	349	GEO_Eqn_6.12b_nls07	11100	-12.0	-294.0	-25.0	-78.0	-15.0	-179.0
B400	349	GEO_Eqn_6.12b_nls07	11400	-12.0	-290.0	-25.0	-78.0	-8.0	-91.0
B400	349	GEO_Eqn_6.12b_nls07	11400	25.0	-153.0	-14.0	-45.0	-7.0	-87.0
B400	349	GEO_Eqn_6.12b_nls07	11700	25.0	-148.0	-14.0	-45.0	-3.0	-42.0
B400	349	GEO_Eqn_6.12b_nls07	12000	25.0	-144.0	-14.0	-45.0	1.0	2.0
B400	349	GEO_Eqn_6.12b_nls07	12000	69.0	-68.0	-8.0	-18.0	2.0	2.0
B400	349	GEO_Eqn_6.12b_nls07	12300	69.0	-63.0	-8.0	-18.0	4.0	22.0
B400	349	GEO_Eqn_6.12b_nls07	12600	69.0	-59.0	-8.0	-18.0	7.0	40.0
B400	349	GEO_Eqn_6.12b_nls07	12600	100.0	-39.0	-4.0	8.0	7.0	39.0
B400	349	GEO_Eqn_6.12b_nls07	12900	100.0	-34.0	-4.0	8.0	8.0	50.0
B400	349	GEO_Eqn_6.12b_nls07	13200	100.0	-30.0	-4.0	8.0	9.0	60.0
B400	349	GEO_Eqn_6.12b_nls07	13200	108.0	-43.0	-1.0	32.0	10.0	60.0
B400	349	GEO_Eqn_6.12b_nls07	13500	108.0	-39.0	-1.0	32.0	10.0	73.0
B400	349	GEO_Eqn_6.12b_nls07	13800	108.0	-34.0	-1.0	32.0	10.0	84.0
B400	349	GEO_Eqn_6.12b_nls07	13800	88.0	-61.0	3.0	58.0	10.0	86.0
B400	349	GEO_Eqn_6.12b_nls07	14100	88.0	-57.0	3.0	58.0	9.0	103.0
B400	349	GEO_Eqn_6.12b_nls07	14400	88.0	-52.0	3.0	58.0	8.0	120.0
B400	349	GEO_Eqn_6.12b_nls07	14400	26.0	-65.0	8.0	86.0	8.0	124.0
B400	349	GEO_Eqn_6.12b_nls07	14700	26.0	-61.0	8.0	86.0	5.0	143.0
B400	349	GEO_Eqn_6.12b_nls07	15000	26.0	-56.0	8.0	86.0	3.0	161.0
B400	349	GEO_Eqn_6.12b_nls07	15000	-102.0	13.0	15.0	120.0	3.0	168.0
B400	349	GEO_Eqn_6.12b_nls07	15300	-102.0	18.0	15.0	120.0	-2.0	163.0
B400	349	GEO_Eqn_6.12b_nls07	15600	-102.0	22.0	15.0	120.0	-6.0	157.0
B400	349	GEO_Eqn_6.12b_nls07	15600	-302.0	383.0	31.0	163.0	-7.0	163.0
B400	349	GEO_Eqn_6.12b_nls07	15900	-302.0	388.0	31.0	163.0	-16.0	48.0
B400	349	GEO_Eqn_6.12b_nls07	16200	-302.0	392.0	31.0	163.0	-26.0	-69.0
B400	349	GEO_Eqn_6.12b_nls08	0	-199.0	-241.0	-22.0	-90.0	-18.0	-4.0
B400	349	GEO_Eqn_6.12b_nls08	300	-199.0	-236.0	-22.0	-90.0	-11.0	68.0
B400	349	GEO_Eqn_6.12b_nls08	600	-199.0	-232.0	-22.0	-90.0	-4.0	138.0
B400	349	GEO_Eqn_6.12b_nls08	600	-52.0	4.0	-10.0	-59.0	-4.0	133.0
B400	349	GEO_Eqn_6.12b_nls08	900	-52.0	9.0	-10.0	-59.0	-1.0	131.0
B400	349	GEO_Eqn_6.12b_nls08	1200	-53.0	13.0	-10.0	-59.0	2.0	128.0
B400	349	GEO_Eqn_6.12b_nls08	1200	38.0	44.0	-5.0	-35.0	3.0	122.0
B400	349	GEO_Eqn_6.12b_nls08	1500	38.0	49.0	-5.0	-35.0	4.0	108.0
B400	349	GEO_Eqn_6.12b_nls08	1800	38.0	53.0	-5.0	-35.0	5.0	93.0
B400	349	GEO_Eqn_6.12b_nls08	1800	82.0	33.0	-1.0	-15.0	6.0	90.0
B400	349	GEO_Eqn_6.12b_nls08	2100	82.0	37.0	-1.0	-15.0	6.0	79.0
B400	349	GEO_Eqn_6.12b_nls08	2400	82.0	42.0	-1.0	-15.0	6.0	68.0
B400	349	GEO_Eqn_6.12b_nls08	2400	94.0	13.0	1.0	4.0	6.0	67.0
B400	349	GEO_Eqn_6.12b_nls08	2700	94.0	18.0	1.0	4.0	6.0	62.0
B400	349	GEO_Eqn_6.12b_nls08	3000	94.0	22.0	1.0	4.0	6.0	56.0
B400	349	GEO_Eqn_6.12b_nls08	3000	82.0	4.0	3.0	21.0	6.0	56.0
B400	349	GEO_Eqn_6.12b_nls08	3300	82.0	9.0	3.0	21.0	5.0	54.0
B400	349	GEO_Eqn_6.12b_nls08	3600	82.0	13.0	3.0	21.0	4.0	51.0
B400	349	GEO_Eqn_6.12b_nls08	3600	47.0	20.0	5.0	38.0	4.0	52.0
B400	349	GEO_Eqn_6.12b_nls08	3900	47.0	25.0	5.0	38.0	2.0	45.0
B400	349	GEO_Eqn_6.12b_nls08	4200	47.0	29.0	5.0	38.0	1.0	37.0
B400	349	GEO_Eqn_6.12b_nls08	4200	-11.0	88.0	8.0	57.0	0.3	39.0
B400	349	GEO_Eqn_6.12b_nls08	4500	-11.0	93.0	8.0	57.0	-2.0	12.0
B400	349	GEO_Eqn_6.12b_nls08	4800	-11.0	97.0	8.0	57.0	-5.0	-17.0
B400	349	GEO_Eqn_6.12b_nls08	4800	-82.0	252.0	14.0	77.0	-5.0	-17.0
B400	349	GEO_Eqn_6.12b_nls08	5100	-82.0	257.0	14.0	77.0	-9.0	-94.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls08	5400	-82.0	261.0	14.0	77.0	-13.0	-171.0
B400	349	GEO_Eqn_6.12b_nls08	5400	0.0	-79.0	0.0	5.0	0.0	-175.0
B400	349	GEO_Eqn_6.12b_nls08	5890.91	0.0	-72.0	0.0	5.0	0.0	-138.0
B400	349	GEO_Eqn_6.12b_nls08	6381.82	0.0	-64.0	0.0	5.0	0.0	-104.0
B400	349	GEO_Eqn_6.12b_nls08	6872.73	0.0	-57.0	0.0	5.0	0.0	-75.0
B400	349	GEO_Eqn_6.12b_nls08	7363.64	0.0	-50.0	0.0	5.0	0.0	-48.0
B400	349	GEO_Eqn_6.12b_nls08	7854.55	0.0	-42.0	0.0	5.0	0.0	-26.0
B400	349	GEO_Eqn_6.12b_nls08	8345.45	0.0	-35.0	0.0	5.0	0.0	-7.0
B400	349	GEO_Eqn_6.12b_nls08	8836.36	0.0	-28.0	0.0	5.0	0.0	8.0
B400	349	GEO_Eqn_6.12b_nls08	9327.27	0.0	-20.0	0.0	5.0	0.0	20.0
B400	349	GEO_Eqn_6.12b_nls08	9818.18	0.0	-13.0	0.0	5.0	0.0	28.0
B400	349	GEO_Eqn_6.12b_nls08	10309.09	0.0	-5.0	0.0	5.0	0.0	33.0
B400	349	GEO_Eqn_6.12b_nls08	10800	0.0	2.0	0.0	5.0	0.0	33.0
B400	349	GEO_Eqn_6.12b_nls08	10800	-47.0	-139.0	-30.0	-94.0	-27.0	17.0
B400	349	GEO_Eqn_6.12b_nls08	11100	-47.0	-135.0	-30.0	-94.0	-18.0	58.0
B400	349	GEO_Eqn_6.12b_nls08	11400	-47.0	-130.0	-30.0	-94.0	-9.0	98.0
B400	349	GEO_Eqn_6.12b_nls08	11400	42.0	2.0	-16.0	-55.0	-8.0	94.0
B400	349	GEO_Eqn_6.12b_nls08	11700	42.0	6.0	-16.0	-55.0	-3.0	93.0
B400	349	GEO_Eqn_6.12b_nls08	12000	42.0	11.0	-16.0	-55.0	2.0	91.0
B400	349	GEO_Eqn_6.12b_nls08	12000	91.0	23.0	-10.0	-22.0	2.0	88.0
B400	349	GEO_Eqn_6.12b_nls08	12300	91.0	28.0	-10.0	-22.0	5.0	80.0
B400	349	GEO_Eqn_6.12b_nls08	12600	91.0	32.0	-10.0	-22.0	8.0	71.0
B400	349	GEO_Eqn_6.12b_nls08	12600	106.0	12.0	-5.0	8.0	8.0	70.0
B400	349	GEO_Eqn_6.12b_nls08	12900	106.0	16.0	-5.0	8.0	10.0	65.0
B400	349	GEO_Eqn_6.12b_nls08	13200	106.0	21.0	-5.0	8.0	11.0	60.0
B400	349	GEO_Eqn_6.12b_nls08	13200	95.0	-9.0	-1.0	37.0	11.0	60.0
B400	349	GEO_Eqn_6.12b_nls08	13500	95.0	-5.0	-1.0	37.0	11.0	62.0
B400	349	GEO_Eqn_6.12b_nls08	13800	95.0	-0.3	-1.0	37.0	12.0	63.0
B400	349	GEO_Eqn_6.12b_nls08	13800	62.0	-31.0	4.0	66.0	12.0	65.0
B400	349	GEO_Eqn_6.12b_nls08	14100	62.0	-26.0	4.0	66.0	10.0	73.0
B400	349	GEO_Eqn_6.12b_nls08	14400	62.0	-22.0	4.0	66.0	9.0	81.0
B400	349	GEO_Eqn_6.12b_nls08	14400	1.0	-37.0	9.0	99.0	9.0	84.0
B400	349	GEO_Eqn_6.12b_nls08	14700	1.0	-33.0	9.0	99.0	6.0	95.0
B400	349	GEO_Eqn_6.12b_nls08	15000	1.0	-28.0	9.0	99.0	3.0	104.0
B400	349	GEO_Eqn_6.12b_nls08	15000	-102.0	13.0	17.0	137.0	3.0	109.0
B400	349	GEO_Eqn_6.12b_nls08	15300	-102.0	17.0	17.0	137.0	-2.0	105.0
B400	349	GEO_Eqn_6.12b_nls08	15600	-102.0	22.0	17.0	137.0	-7.0	99.0
B400	349	GEO_Eqn_6.12b_nls08	15600	-248.0	257.0	36.0	186.0	-8.0	103.0
B400	349	GEO_Eqn_6.12b_nls08	15900	-248.0	262.0	36.0	186.0	-19.0	26.0
B400	349	GEO_Eqn_6.12b_nls08	16200	-248.0	266.0	36.0	186.0	-30.0	-54.0
B400	349	GEO_Eqn_6.12b_nls09	0	-225.0	-92.0	3.0	8.0	2.0	-34.0
B400	349	GEO_Eqn_6.12b_nls09	300	-225.0	-87.0	3.0	8.0	1.0	-7.0
B400	349	GEO_Eqn_6.12b_nls09	600	-225.0	-83.0	3.0	8.0	1.0	19.0
B400	349	GEO_Eqn_6.12b_nls09	600	-144.0	-21.0	1.0	4.0	0.5	16.0
B400	349	GEO_Eqn_6.12b_nls09	900	-144.0	-16.0	1.0	4.0	0.1	22.0
B400	349	GEO_Eqn_6.12b_nls09	1200	-144.0	-12.0	1.0	4.0	-0.3	26.0
B400	349	GEO_Eqn_6.12b_nls09	1200	-64.0	-12.0	1.0	1.0	-0.3	22.0
B400	349	GEO_Eqn_6.12b_nls09	1500	-64.0	-7.0	1.0	1.0	-1.0	25.0
B400	349	GEO_Eqn_6.12b_nls09	1800	-64.0	-3.0	1.0	1.0	-1.0	27.0
B400	349	GEO_Eqn_6.12b_nls09	1800	7.0	-24.0	0.2	-2.0	-1.0	24.0
B400	349	GEO_Eqn_6.12b_nls09	2100	7.0	-19.0	0.1	-2.0	-1.0	31.0
B400	349	GEO_Eqn_6.12b_nls09	2400	7.0	-15.0	0.1	-2.0	-1.0	36.0
B400	349	GEO_Eqn_6.12b_nls09	2400	75.0	-50.0	-0.2	-4.0	-1.0	33.0
B400	349	GEO_Eqn_6.12b_nls09	2700	75.0	-45.0	-0.2	-4.0	-1.0	47.0
B400	349	GEO_Eqn_6.12b_nls09	3000	75.0	-41.0	-0.2	-4.0	-1.0	60.0
B400	349	GEO_Eqn_6.12b_nls09	3000	128.0	-96.0	-0.4	-6.0	-1.0	60.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls09	3300	128.0	-91.0	-0.4	-6.0	-1.0	88.0
B400	349	GEO_Eqn_6.12b_nls09	3600	128.0	-87.0	-0.4	-6.0	-0.4	114.0
B400	349	GEO_Eqn_6.12b_nls09	3600	153.0	-163.0	-1.0	-8.0	-0.4	116.0
B400	349	GEO_Eqn_6.12b_nls09	3900	153.0	-159.0	-1.0	-8.0	-0.2	164.0
B400	349	GEO_Eqn_6.12b_nls09	4200	153.0	-154.0	-1.0	-8.0	0.0	211.0
B400	349	GEO_Eqn_6.12b_nls09	4200	110.0	-229.0	-1.0	-11.0	0.0	218.0
B400	349	GEO_Eqn_6.12b_nls09	4500	110.0	-225.0	-1.0	-11.0	0.3	286.0
B400	349	GEO_Eqn_6.12b_nls09	4800	110.0	-220.0	-1.0	-11.0	1.0	353.0
B400	349	GEO_Eqn_6.12b_nls09	4800	-40.0	-96.0	-2.0	-13.0	1.0	367.0
B400	349	GEO_Eqn_6.12b_nls09	5100	-40.0	-91.0	-2.0	-13.0	1.0	395.0
B400	349	GEO_Eqn_6.12b_nls09	5400	-40.0	-87.0	-2.0	-13.0	2.0	421.0
B400	349	GEO_Eqn_6.12b_nls09	5400	0.0	182.0	0.0	-53.0	0.0	540.0
B400	349	GEO_Eqn_6.12b_nls09	5890.91	0.0	189.0	0.0	-53.0	0.0	449.0
B400	349	GEO_Eqn_6.12b_nls09	6381.82	0.0	197.0	0.0	-53.0	0.0	354.0
B400	349	GEO_Eqn_6.12b_nls09	6872.73	0.0	204.0	0.0	-53.0	0.0	256.0
B400	349	GEO_Eqn_6.12b_nls09	7363.64	0.0	211.0	0.0	-53.0	0.0	154.0
B400	349	GEO_Eqn_6.12b_nls09	7854.55	0.0	219.0	0.0	-53.0	0.0	49.0
B400	349	GEO_Eqn_6.12b_nls09	8345.45	0.0	226.0	0.0	-53.0	0.0	-60.0
B400	349	GEO_Eqn_6.12b_nls09	8836.36	0.0	233.0	0.0	-53.0	0.0	-173.0
B400	349	GEO_Eqn_6.12b_nls09	9327.27	0.0	241.0	0.0	-53.0	0.0	-289.0
B400	349	GEO_Eqn_6.12b_nls09	9818.18	0.0	248.0	0.0	-53.0	0.0	-409.0
B400	349	GEO_Eqn_6.12b_nls09	10309.09	0.0	255.0	0.0	-53.0	0.0	-533.0
B400	349	GEO_Eqn_6.12b_nls09	10800	0.0	263.0	0.0	-53.0	0.0	-660.0
B400	349	GEO_Eqn_6.12b_nls09	10800	39.0	-466.0	17.0	63.0	15.0	-586.0
B400	349	GEO_Eqn_6.12b_nls09	11100	39.0	-461.0	17.0	63.0	10.0	-446.0
B400	349	GEO_Eqn_6.12b_nls09	11400	39.0	-457.0	17.0	63.0	5.0	-309.0
B400	349	GEO_Eqn_6.12b_nls09	11400	9.0	-325.0	9.0	40.0	4.0	-296.0
B400	349	GEO_Eqn_6.12b_nls09	11700	9.0	-321.0	9.0	40.0	2.0	-199.0
B400	349	GEO_Eqn_6.12b_nls09	12000	9.0	-316.0	9.0	40.0	-1.0	-104.0
B400	349	GEO_Eqn_6.12b_nls09	12000	42.0	-171.0	5.0	21.0	-1.0	-100.0
B400	349	GEO_Eqn_6.12b_nls09	12300	42.0	-166.0	5.0	21.0	-3.0	-49.0
B400	349	GEO_Eqn_6.12b_nls09	12600	42.0	-162.0	5.0	21.0	-5.0	0.0
B400	349	GEO_Eqn_6.12b_nls09	12600	88.0	-97.0	2.0	5.0	-5.0	1.0
B400	349	GEO_Eqn_6.12b_nls09	12900	88.0	-93.0	2.0	5.0	-5.0	29.0
B400	349	GEO_Eqn_6.12b_nls09	13200	88.0	-88.0	2.0	5.0	-6.0	56.0
B400	349	GEO_Eqn_6.12b_nls09	13200	117.0	-81.0	0.0	-10.0	-6.0	57.0
B400	349	GEO_Eqn_6.12b_nls09	13500	117.0	-76.0	0.0	-10.0	-6.0	80.0
B400	349	GEO_Eqn_6.12b_nls09	13800	117.0	-72.0	0.0	-10.0	-6.0	103.0
B400	349	GEO_Eqn_6.12b_nls09	13800	111.0	-94.0	-2.0	-25.0	-6.0	105.0
B400	349	GEO_Eqn_6.12b_nls09	14100	111.0	-90.0	-2.0	-25.0	-5.0	132.0
B400	349	GEO_Eqn_6.12b_nls09	14400	111.0	-85.0	-2.0	-25.0	-5.0	159.0
B400	349	GEO_Eqn_6.12b_nls09	14400	50.0	-94.0	-5.0	-41.0	-5.0	164.0
B400	349	GEO_Eqn_6.12b_nls09	14700	50.0	-89.0	-5.0	-41.0	-3.0	191.0
B400	349	GEO_Eqn_6.12b_nls09	15000	50.0	-85.0	-5.0	-41.0	-1.0	217.0
B400	349	GEO_Eqn_6.12b_nls09	15000	-102.0	15.0	-9.0	-59.0	-1.0	227.0
B400	349	GEO_Eqn_6.12b_nls09	15300	-102.0	19.0	-9.0	-59.0	1.0	221.0
B400	349	GEO_Eqn_6.12b_nls09	15600	-102.0	24.0	-9.0	-59.0	4.0	215.0
B400	349	GEO_Eqn_6.12b_nls09	15600	-354.0	513.0	-18.0	-81.0	5.0	223.0
B400	349	GEO_Eqn_6.12b_nls09	15900	-354.0	518.0	-18.0	-81.0	10.0	68.0
B400	349	GEO_Eqn_6.12b_nls09	16200	-354.0	522.0	-18.0	-81.0	15.0	-88.0
B400	349	GEO_Eqn_6.12b_nls10	0	-225.0	-80.0	-14.0	-60.0	-11.0	-27.0
B400	349	GEO_Eqn_6.12b_nls10	300	-225.0	-75.0	-14.0	-60.0	-7.0	-3.0
B400	349	GEO_Eqn_6.12b_nls10	600	-225.0	-71.0	-14.0	-60.0	-3.0	19.0
B400	349	GEO_Eqn_6.12b_nls10	600	-146.0	-17.0	-6.0	-42.0	-2.0	16.0
B400	349	GEO_Eqn_6.12b_nls10	900	-146.0	-13.0	-6.0	-42.0	-0.5	21.0
B400	349	GEO_Eqn_6.12b_nls10	1200	-146.0	-8.0	-6.0	-42.0	1.0	24.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls10	1200	-67.0	-12.0	-3.0	-27.0	2.0	20.0
B400	349	GEO_Eqn_6.12b_nls10	1500	-67.0	-8.0	-3.0	-27.0	2.0	23.0
B400	349	GEO_Eqn_6.12b_nls10	1800	-67.0	-3.0	-3.0	-27.0	3.0	25.0
B400	349	GEO_Eqn_6.12b_nls10	1800	5.0	-25.0	-1.0	-14.0	3.0	22.0
B400	349	GEO_Eqn_6.12b_nls10	2100	5.0	-21.0	-1.0	-14.0	4.0	29.0
B400	349	GEO_Eqn_6.12b_nls10	2400	5.0	-16.0	-1.0	-14.0	4.0	34.0
B400	349	GEO_Eqn_6.12b_nls10	2400	74.0	-52.0	1.0	-3.0	4.0	32.0
B400	349	GEO_Eqn_6.12b_nls10	2700	74.0	-48.0	1.0	-3.0	4.0	47.0
B400	349	GEO_Eqn_6.12b_nls10	3000	74.0	-43.0	1.0	-3.0	4.0	61.0
B400	349	GEO_Eqn_6.12b_nls10	3000	129.0	-100.0	2.0	7.0	4.0	60.0
B400	349	GEO_Eqn_6.12b_nls10	3300	129.0	-95.0	2.0	7.0	3.0	89.0
B400	349	GEO_Eqn_6.12b_nls10	3600	129.0	-91.0	2.0	7.0	2.0	117.0
B400	349	GEO_Eqn_6.12b_nls10	3600	156.0	-171.0	3.0	17.0	2.0	119.0
B400	349	GEO_Eqn_6.12b_nls10	3900	156.0	-166.0	3.0	17.0	1.0	169.0
B400	349	GEO_Eqn_6.12b_nls10	4200	156.0	-162.0	3.0	17.0	0.4	218.0
B400	349	GEO_Eqn_6.12b_nls10	4200	113.0	-242.0	5.0	28.0	0.2	225.0
B400	349	GEO_Eqn_6.12b_nls10	4500	113.0	-237.0	5.0	28.0	-1.0	297.0
B400	349	GEO_Eqn_6.12b_nls10	4800	113.0	-233.0	5.0	28.0	-3.0	368.0
B400	349	GEO_Eqn_6.12b_nls10	4800	-39.0	-108.0	9.0	40.0	-3.0	382.0
B400	349	GEO_Eqn_6.12b_nls10	5100	-39.0	-104.0	9.0	40.0	-6.0	414.0
B400	349	GEO_Eqn_6.12b_nls10	5400	-39.0	-99.0	9.0	40.0	-8.0	444.0
B400	349	GEO_Eqn_6.12b_nls10	5400	0.0	189.0	0.0	-59.0	0.0	556.0
B400	349	GEO_Eqn_6.12b_nls10	5890.91	0.0	196.0	0.0	-59.0	0.0	461.0
B400	349	GEO_Eqn_6.12b_nls10	6381.82	0.0	203.0	0.0	-59.0	0.0	363.0
B400	349	GEO_Eqn_6.12b_nls10	6872.73	0.0	211.0	0.0	-59.0	0.0	261.0
B400	349	GEO_Eqn_6.12b_nls10	7363.64	0.0	218.0	0.0	-59.0	0.0	156.0
B400	349	GEO_Eqn_6.12b_nls10	7854.55	0.0	225.0	0.0	-59.0	0.0	47.0
B400	349	GEO_Eqn_6.12b_nls10	8345.45	0.0	233.0	0.0	-59.0	0.0	-65.0
B400	349	GEO_Eqn_6.12b_nls10	8836.36	0.0	240.0	0.0	-59.0	0.0	-181.0
B400	349	GEO_Eqn_6.12b_nls10	9327.27	0.0	248.0	0.0	-59.0	0.0	-301.0
B400	349	GEO_Eqn_6.12b_nls10	9818.18	0.0	255.0	0.0	-59.0	0.0	-424.0
B400	349	GEO_Eqn_6.12b_nls10	10309.09	0.0	262.0	0.0	-59.0	0.0	-551.0
B400	349	GEO_Eqn_6.12b_nls10	10800	0.0	270.0	0.0	-59.0	0.0	-682.0
B400	349	GEO_Eqn_6.12b_nls10	10800	45.0	-477.0	-2.0	2.0	-2.0	-598.0
B400	349	GEO_Eqn_6.12b_nls10	11100	45.0	-473.0	-2.0	2.0	-1.0	-455.0
B400	349	GEO_Eqn_6.12b_nls10	11400	45.0	-468.0	-2.0	2.0	-1.0	-314.0
B400	349	GEO_Eqn_6.12b_nls10	11400	14.0	-332.0	-1.0	3.0	-1.0	-301.0
B400	349	GEO_Eqn_6.12b_nls10	11700	14.0	-327.0	-1.0	3.0	-0.5	-202.0
B400	349	GEO_Eqn_6.12b_nls10	12000	14.0	-323.0	-1.0	3.0	-0.1	-105.0
B400	349	GEO_Eqn_6.12b_nls10	12000	46.0	-174.0	-1.0	5.0	-0.1	-101.0
B400	349	GEO_Eqn_6.12b_nls10	12300	46.0	-169.0	-1.0	5.0	0.2	-49.0
B400	349	GEO_Eqn_6.12b_nls10	12600	46.0	-165.0	-1.0	5.0	0.5	1.0
B400	349	GEO_Eqn_6.12b_nls10	12600	92.0	-98.0	-1.0	7.0	1.0	2.0
B400	349	GEO_Eqn_6.12b_nls10	12900	92.0	-94.0	-1.0	7.0	1.0	30.0
B400	349	GEO_Eqn_6.12b_nls10	13200	92.0	-89.0	-1.0	7.0	1.0	58.0
B400	349	GEO_Eqn_6.12b_nls10	13200	120.0	-82.0	-0.3	10.0	1.0	59.0
B400	349	GEO_Eqn_6.12b_nls10	13500	120.0	-77.0	-0.3	10.0	1.0	82.0
B400	349	GEO_Eqn_6.12b_nls10	13800	120.0	-73.0	-0.3	10.0	1.0	105.0
B400	349	GEO_Eqn_6.12b_nls10	13800	112.0	-96.0	0.1	14.0	1.0	107.0
B400	349	GEO_Eqn_6.12b_nls10	14100	112.0	-92.0	0.1	14.0	1.0	136.0
B400	349	GEO_Eqn_6.12b_nls10	14400	112.0	-87.0	0.1	14.0	1.0	162.0
B400	349	GEO_Eqn_6.12b_nls10	14400	48.0	-96.0	1.0	18.0	1.0	168.0
B400	349	GEO_Eqn_6.12b_nls10	14700	48.0	-92.0	1.0	18.0	1.0	196.0
B400	349	GEO_Eqn_6.12b_nls10	15000	48.0	-87.0	1.0	18.0	1.0	223.0
B400	349	GEO_Eqn_6.12b_nls10	15000	-109.0	14.0	2.0	24.0	1.0	232.0
B400	349	GEO_Eqn_6.12b_nls10	15300	-109.0	19.0	2.0	24.0	0.0	227.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls10	15600	-109.0	23.0	2.0	24.0	-1.0	221.0
B400	349	GEO_Eqn_6.12b_nls10	15600	-369.0	524.0	5.0	32.0	-1.0	229.0
B400	349	GEO_Eqn_6.12b_nls10	15900	-369.0	528.0	5.0	32.0	-2.0	71.0
B400	349	GEO_Eqn_6.12b_nls10	16200	-369.0	533.0	5.0	32.0	-3.0	-88.0
B400	349	GEO_Eqn_6.12b_nls11	0	-251.0	-336.0	15.0	60.0	12.0	7.0
B400	349	GEO_Eqn_6.12b_nls11	300	-251.0	-332.0	15.0	60.0	8.0	107.0
B400	349	GEO_Eqn_6.12b_nls11	600	-251.0	-327.0	15.0	60.0	3.0	206.0
B400	349	GEO_Eqn_6.12b_nls11	600	-52.0	16.0	7.0	39.0	3.0	198.0
B400	349	GEO_Eqn_6.12b_nls11	900	-52.0	21.0	7.0	39.0	1.0	192.0
B400	349	GEO_Eqn_6.12b_nls11	1200	-52.0	25.0	7.0	39.0	-1.0	185.0
B400	349	GEO_Eqn_6.12b_nls11	1200	61.0	75.0	3.0	22.0	-2.0	178.0
B400	349	GEO_Eqn_6.12b_nls11	1500	61.0	80.0	3.0	22.0	-3.0	155.0
B400	349	GEO_Eqn_6.12b_nls11	1800	61.0	84.0	3.0	22.0	-4.0	131.0
B400	349	GEO_Eqn_6.12b_nls11	1800	108.0	63.0	1.0	8.0	-4.0	126.0
B400	349	GEO_Eqn_6.12b_nls11	2100	108.0	67.0	1.0	8.0	-4.0	107.0
B400	349	GEO_Eqn_6.12b_nls11	2400	108.0	72.0	1.0	8.0	-5.0	86.0
B400	349	GEO_Eqn_6.12b_nls11	2400	105.0	48.0	-1.0	-5.0	-5.0	85.0
B400	349	GEO_Eqn_6.12b_nls11	2700	105.0	52.0	-1.0	-5.0	-4.0	70.0
B400	349	GEO_Eqn_6.12b_nls11	3000	105.0	57.0	-1.0	-5.0	-4.0	54.0
B400	349	GEO_Eqn_6.12b_nls11	3000	74.0	60.0	-2.0	-17.0	-4.0	54.0
B400	349	GEO_Eqn_6.12b_nls11	3300	74.0	64.0	-2.0	-17.0	-4.0	35.0
B400	349	GEO_Eqn_6.12b_nls11	3600	74.0	69.0	-2.0	-17.0	-3.0	15.0
B400	349	GEO_Eqn_6.12b_nls11	3600	22.0	125.0	-4.0	-29.0	-3.0	16.0
B400	349	GEO_Eqn_6.12b_nls11	3900	22.0	130.0	-4.0	-29.0	-2.0	-23.0
B400	349	GEO_Eqn_6.12b_nls11	4200	22.0	134.0	-4.0	-29.0	-1.0	-62.0
B400	349	GEO_Eqn_6.12b_nls11	4200	-28.0	271.0	-6.0	-43.0	-0.4	-65.0
B400	349	GEO_Eqn_6.12b_nls11	4500	-28.0	276.0	-6.0	-43.0	1.0	-147.0
B400	349	GEO_Eqn_6.12b_nls11	4800	-28.0	280.0	-6.0	-43.0	3.0	-230.0
B400	349	GEO_Eqn_6.12b_nls11	4800	-38.0	450.0	-11.0	-58.0	3.0	-239.0
B400	349	GEO_Eqn_6.12b_nls11	5100	-38.0	455.0	-11.0	-58.0	7.0	-375.0
B400	349	GEO_Eqn_6.12b_nls11	5400	-38.0	459.0	-11.0	-58.0	10.0	-512.0
B400	349	GEO_Eqn_6.12b_nls11	5400	0.0	-219.0	0.0	48.0	0.0	-548.0
B400	349	GEO_Eqn_6.12b_nls11	5890.91	0.0	-212.0	0.0	48.0	0.0	-442.0
B400	349	GEO_Eqn_6.12b_nls11	6381.82	0.0	-204.0	0.0	48.0	0.0	-340.0
B400	349	GEO_Eqn_6.12b_nls11	6872.73	0.0	-197.0	0.0	48.0	0.0	-242.0
B400	349	GEO_Eqn_6.12b_nls11	7363.64	0.0	-190.0	0.0	48.0	0.0	-147.0
B400	349	GEO_Eqn_6.12b_nls11	7854.55	0.0	-182.0	0.0	48.0	0.0	-56.0
B400	349	GEO_Eqn_6.12b_nls11	8345.45	0.0	-175.0	0.0	48.0	0.0	32.0
B400	349	GEO_Eqn_6.12b_nls11	8836.36	0.0	-168.0	0.0	48.0	0.0	116.0
B400	349	GEO_Eqn_6.12b_nls11	9327.27	0.0	-160.0	0.0	48.0	0.0	196.0
B400	349	GEO_Eqn_6.12b_nls11	9818.18	0.0	-153.0	0.0	48.0	0.0	273.0
B400	349	GEO_Eqn_6.12b_nls11	10309.09	0.0	-145.0	0.0	48.0	0.0	346.0
B400	349	GEO_Eqn_6.12b_nls11	10800	0.0	-138.0	0.0	48.0	0.0	416.0
B400	349	GEO_Eqn_6.12b_nls11	10800	0.1	46.0	7.0	25.0	7.0	334.0
B400	349	GEO_Eqn_6.12b_nls11	11100	0.1	51.0	7.0	25.0	4.0	319.0
B400	349	GEO_Eqn_6.12b_nls11	11400	0.1	55.0	7.0	25.0	2.0	303.0
B400	349	GEO_Eqn_6.12b_nls11	11400	122.0	173.0	4.0	16.0	2.0	293.0
B400	349	GEO_Eqn_6.12b_nls11	11700	122.0	178.0	4.0	16.0	1.0	240.0
B400	349	GEO_Eqn_6.12b_nls11	12000	122.0	182.0	4.0	16.0	-0.2	186.0
B400	349	GEO_Eqn_6.12b_nls11	12000	154.0	126.0	3.0	9.0	-0.4	180.0
B400	349	GEO_Eqn_6.12b_nls11	12300	154.0	131.0	3.0	9.0	-1.0	142.0
B400	349	GEO_Eqn_6.12b_nls11	12600	154.0	135.0	3.0	9.0	-2.0	102.0
B400	349	GEO_Eqn_6.12b_nls11	12600	126.0	72.0	1.0	1.0	-2.0	101.0
B400	349	GEO_Eqn_6.12b_nls11	12900	126.0	77.0	1.0	1.0	-2.0	79.0
B400	349	GEO_Eqn_6.12b_nls11	13200	126.0	81.0	1.0	1.0	-3.0	55.0
B400	349	GEO_Eqn_6.12b_nls11	13200	71.0	34.0	0.4	-6.0	-3.0	56.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls11	13500	71.0	39.0	0.4	-6.0	-3.0	45.0
B400	349	GEO_Eqn_6.12b_nls11	13800	71.0	43.0	0.3	-6.0	-3.0	33.0
B400	349	GEO_Eqn_6.12b_nls11	13800	3.0	11.0	-1.0	-14.0	-3.0	35.0
B400	349	GEO_Eqn_6.12b_nls11	14100	3.0	15.0	-1.0	-14.0	-3.0	31.0
B400	349	GEO_Eqn_6.12b_nls11	14400	3.0	20.0	-1.0	-14.0	-3.0	26.0
B400	349	GEO_Eqn_6.12b_nls11	14400	-73.0	0.4	-2.0	-23.0	-2.0	29.0
B400	349	GEO_Eqn_6.12b_nls11	14700	-73.0	5.0	-2.0	-23.0	-2.0	29.0
B400	349	GEO_Eqn_6.12b_nls11	15000	-73.0	9.0	-2.0	-23.0	-1.0	26.0
B400	349	GEO_Eqn_6.12b_nls11	15000	-157.0	12.0	-5.0	-34.0	-1.0	30.0
B400	349	GEO_Eqn_6.12b_nls11	15300	-157.0	16.0	-5.0	-34.0	0.5	26.0
B400	349	GEO_Eqn_6.12b_nls11	15600	-157.0	21.0	-5.0	-34.0	2.0	20.0
B400	349	GEO_Eqn_6.12b_nls11	15600	-246.0	94.0	-10.0	-47.0	2.0	23.0
B400	349	GEO_Eqn_6.12b_nls11	15900	-246.0	98.0	-10.0	-47.0	5.0	-6.0
B400	349	GEO_Eqn_6.12b_nls11	16200	-246.0	103.0	-10.0	-47.0	8.0	-36.0
B400	349	GEO_Eqn_6.12b_nls12	0	-251.0	-329.0	0.3	0.0	0.3	8.0
B400	349	GEO_Eqn_6.12b_nls12	300	-251.0	-324.0	0.3	0.0	0.2	106.0
B400	349	GEO_Eqn_6.12b_nls12	600	-251.0	-320.0	0.3	0.0	0.1	203.0
B400	349	GEO_Eqn_6.12b_nls12	600	-55.0	17.0	0.2	-0.1	0.1	195.0
B400	349	GEO_Eqn_6.12b_nls12	900	-55.0	21.0	0.2	-0.1	0.1	190.0
B400	349	GEO_Eqn_6.12b_nls12	1200	-55.0	26.0	0.2	-0.1	0.0	182.0
B400	349	GEO_Eqn_6.12b_nls12	1200	58.0	74.0	0.2	-0.3	0.0	175.0
B400	349	GEO_Eqn_6.12b_nls12	1500	58.0	78.0	0.1	-0.3	0.0	153.0
B400	349	GEO_Eqn_6.12b_nls12	1800	58.0	83.0	0.1	-0.3	-0.1	129.0
B400	349	GEO_Eqn_6.12b_nls12	1800	105.0	61.0	0.1	-1.0	-0.1	124.0
B400	349	GEO_Eqn_6.12b_nls12	2100	105.0	66.0	0.1	-1.0	-0.1	105.0
B400	349	GEO_Eqn_6.12b_nls12	2400	105.0	70.0	0.1	-1.0	-0.2	85.0
B400	349	GEO_Eqn_6.12b_nls12	2400	103.0	46.0	0.1	-1.0	-0.2	84.0
B400	349	GEO_Eqn_6.12b_nls12	2700	103.0	51.0	0.1	-1.0	-0.2	69.0
B400	349	GEO_Eqn_6.12b_nls12	3000	103.0	55.0	0.1	-1.0	-0.2	53.0
B400	349	GEO_Eqn_6.12b_nls12	3000	74.0	58.0	0.0	-1.0	-0.2	53.0
B400	349	GEO_Eqn_6.12b_nls12	3300	74.0	63.0	0.0	-1.0	-0.2	35.0
B400	349	GEO_Eqn_6.12b_nls12	3600	74.0	67.0	0.0	-1.0	-0.2	15.0
B400	349	GEO_Eqn_6.12b_nls12	3600	23.0	123.0	-0.1	-2.0	-0.2	16.0
B400	349	GEO_Eqn_6.12b_nls12	3900	23.0	128.0	-0.1	-2.0	-0.1	-22.0
B400	349	GEO_Eqn_6.12b_nls12	4200	23.0	132.0	-0.1	-2.0	-0.1	-61.0
B400	349	GEO_Eqn_6.12b_nls12	4200	-25.0	269.0	-0.3	-2.0	-0.1	-63.0
B400	349	GEO_Eqn_6.12b_nls12	4500	-25.0	274.0	-0.3	-2.0	0.0	-145.0
B400	349	GEO_Eqn_6.12b_nls12	4800	-25.0	278.0	-0.3	-2.0	0.1	-227.0
B400	349	GEO_Eqn_6.12b_nls12	4800	-34.0	448.0	-1.0	-3.0	0.1	-237.0
B400	349	GEO_Eqn_6.12b_nls12	5100	-34.0	452.0	-1.0	-3.0	0.3	-372.0
B400	349	GEO_Eqn_6.12b_nls12	5400	-34.0	457.0	-1.0	-3.0	1.0	-508.0
B400	349	GEO_Eqn_6.12b_nls12	5400	0.0	-221.0	0.0	46.0	0.0	-556.0
B400	349	GEO_Eqn_6.12b_nls12	5890.91	0.0	-214.0	0.0	46.0	0.0	-450.0
B400	349	GEO_Eqn_6.12b_nls12	6381.82	0.0	-206.0	0.0	46.0	0.0	-347.0
B400	349	GEO_Eqn_6.12b_nls12	6872.73	0.0	-199.0	0.0	46.0	0.0	-247.0
B400	349	GEO_Eqn_6.12b_nls12	7363.64	0.0	-191.0	0.0	46.0	0.0	-152.0
B400	349	GEO_Eqn_6.12b_nls12	7854.55	0.0	-184.0	0.0	46.0	0.0	-59.0
B400	349	GEO_Eqn_6.12b_nls12	8345.45	0.0	-177.0	0.0	46.0	0.0	29.0
B400	349	GEO_Eqn_6.12b_nls12	8836.36	0.0	-169.0	0.0	46.0	0.0	114.0
B400	349	GEO_Eqn_6.12b_nls12	9327.27	0.0	-162.0	0.0	46.0	0.0	195.0
B400	349	GEO_Eqn_6.12b_nls12	9818.18	0.0	-155.0	0.0	46.0	0.0	273.0
B400	349	GEO_Eqn_6.12b_nls12	10309.09	0.0	-147.0	0.0	46.0	0.0	347.0
B400	349	GEO_Eqn_6.12b_nls12	10800	0.0	-140.0	0.0	46.0	0.0	418.0
B400	349	GEO_Eqn_6.12b_nls12	10800	-6.0	46.0	-12.0	-35.0	-11.0	341.0
B400	349	GEO_Eqn_6.12b_nls12	11100	-6.0	51.0	-12.0	-35.0	-7.0	327.0
B400	349	GEO_Eqn_6.12b_nls12	11400	-6.0	55.0	-12.0	-35.0	-3.0	311.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls12	11400	121.0	177.0	-6.0	-20.0	-3.0	300.0
B400	349	GEO_Eqn_6.12b_nls12	11700	121.0	182.0	-6.0	-20.0	-1.0	246.0
B400	349	GEO_Eqn_6.12b_nls12	12000	121.0	186.0	-6.0	-20.0	1.0	191.0
B400	349	GEO_Eqn_6.12b_nls12	12000	155.0	129.0	-4.0	-7.0	1.0	185.0
B400	349	GEO_Eqn_6.12b_nls12	12300	155.0	133.0	-4.0	-7.0	2.0	146.0
B400	349	GEO_Eqn_6.12b_nls12	12600	155.0	138.0	-4.0	-7.0	3.0	105.0
B400	349	GEO_Eqn_6.12b_nls12	12600	129.0	74.0	-2.0	5.0	3.0	104.0
B400	349	GEO_Eqn_6.12b_nls12	12900	129.0	78.0	-2.0	5.0	4.0	81.0
B400	349	GEO_Eqn_6.12b_nls12	13200	129.0	83.0	-2.0	5.0	4.0	57.0
B400	349	GEO_Eqn_6.12b_nls12	13200	74.0	34.0	0.0	16.0	4.0	58.0
B400	349	GEO_Eqn_6.12b_nls12	13500	74.0	39.0	0.0	16.0	4.0	47.0
B400	349	GEO_Eqn_6.12b_nls12	13800	74.0	43.0	0.0	16.0	4.0	35.0
B400	349	GEO_Eqn_6.12b_nls12	13800	6.0	10.0	2.0	27.0	4.0	37.0
B400	349	GEO_Eqn_6.12b_nls12	14100	6.0	14.0	2.0	27.0	4.0	34.0
B400	349	GEO_Eqn_6.12b_nls12	14400	6.0	19.0	2.0	27.0	3.0	29.0
B400	349	GEO_Eqn_6.12b_nls12	14400	-71.0	-2.0	4.0	39.0	3.0	32.0
B400	349	GEO_Eqn_6.12b_nls12	14700	-71.0	3.0	4.0	39.0	2.0	32.0
B400	349	GEO_Eqn_6.12b_nls12	15000	-71.0	7.0	4.0	39.0	1.0	30.0
B400	349	GEO_Eqn_6.12b_nls12	15000	-157.0	10.0	6.0	52.0	1.0	34.0
B400	349	GEO_Eqn_6.12b_nls12	15300	-157.0	15.0	6.0	52.0	-1.0	30.0
B400	349	GEO_Eqn_6.12b_nls12	15600	-157.0	19.0	6.0	52.0	-3.0	25.0
B400	349	GEO_Eqn_6.12b_nls12	15600	-251.0	98.0	13.0	70.0	-3.0	29.0
B400	349	GEO_Eqn_6.12b_nls12	15900	-251.0	103.0	13.0	70.0	-7.0	-2.0
B400	349	GEO_Eqn_6.12b_nls12	16200	-251.0	107.0	13.0	70.0	-11.0	-33.0
B400	349	GEO_Eqn_6.12b_nls13	0	-252.0	-85.0	-1.0	-18.0	-1.0	-30.0
B400	349	GEO_Eqn_6.12b_nls13	300	-252.0	-80.0	-1.0	-18.0	-0.4	-5.0
B400	349	GEO_Eqn_6.12b_nls13	600	-252.0	-76.0	-1.0	-18.0	0.0	18.0
B400	349	GEO_Eqn_6.12b_nls13	600	-167.0	-19.0	-0.2	-15.0	0.1	15.0
B400	349	GEO_Eqn_6.12b_nls13	900	-167.0	-14.0	-0.2	-15.0	0.1	20.0
B400	349	GEO_Eqn_6.12b_nls13	1200	-167.0	-10.0	-0.2	-15.0	0.2	24.0
B400	349	GEO_Eqn_6.12b_nls13	1200	-81.0	-13.0	0.0	-13.0	0.2	20.0
B400	349	GEO_Eqn_6.12b_nls13	1500	-81.0	-8.0	0.0	-13.0	0.2	23.0
B400	349	GEO_Eqn_6.12b_nls13	1800	-81.0	-4.0	0.0	-13.0	0.2	25.0
B400	349	GEO_Eqn_6.12b_nls13	1800	-3.0	-25.0	0.1	-12.0	0.2	22.0
B400	349	GEO_Eqn_6.12b_nls13	2100	-3.0	-21.0	0.1	-12.0	0.2	29.0
B400	349	GEO_Eqn_6.12b_nls13	2400	-3.0	-16.0	0.1	-12.0	0.1	34.0
B400	349	GEO_Eqn_6.12b_nls13	2400	73.0	-53.0	0.1	-11.0	0.1	32.0
B400	349	GEO_Eqn_6.12b_nls13	2700	73.0	-48.0	0.1	-11.0	0.1	47.0
B400	349	GEO_Eqn_6.12b_nls13	3000	73.0	-44.0	0.1	-11.0	0.1	60.0
B400	349	GEO_Eqn_6.12b_nls13	3000	135.0	-99.0	0.1	-11.0	0.1	60.0
B400	349	GEO_Eqn_6.12b_nls13	3300	135.0	-94.0	0.1	-11.0	0.0	88.0
B400	349	GEO_Eqn_6.12b_nls13	3600	135.0	-90.0	0.1	-11.0	0.0	116.0
B400	349	GEO_Eqn_6.12b_nls13	3600	169.0	-167.0	0.1	-11.0	0.0	117.0
B400	349	GEO_Eqn_6.12b_nls13	3900	169.0	-163.0	0.1	-11.0	0.0	167.0
B400	349	GEO_Eqn_6.12b_nls13	4200	169.0	-158.0	0.1	-11.0	0.0	215.0
B400	349	GEO_Eqn_6.12b_nls13	4200	134.0	-235.0	0.1	-12.0	-0.1	222.0
B400	349	GEO_Eqn_6.12b_nls13	4500	134.0	-231.0	0.1	-12.0	-0.1	292.0
B400	349	GEO_Eqn_6.12b_nls13	4800	134.0	-226.0	0.1	-12.0	-0.1	360.0
B400	349	GEO_Eqn_6.12b_nls13	4800	-10.0	-102.0	0.0	-13.0	-0.1	374.0
B400	349	GEO_Eqn_6.12b_nls13	5100	-10.0	-97.0	0.0	-13.0	-0.1	403.0
B400	349	GEO_Eqn_6.12b_nls13	5400	-10.0	-93.0	0.0	-13.0	-0.1	432.0
B400	349	GEO_Eqn_6.12b_nls13	5400	0.0	185.0	0.0	-66.0	0.0	550.0
B400	349	GEO_Eqn_6.12b_nls13	5890.91	0.0	193.0	0.0	-66.0	0.0	457.0
B400	349	GEO_Eqn_6.12b_nls13	6381.82	0.0	200.0	0.0	-66.0	0.0	361.0
B400	349	GEO_Eqn_6.12b_nls13	6872.73	0.0	207.0	0.0	-66.0	0.0	261.0
B400	349	GEO_Eqn_6.12b_nls13	7363.64	0.0	215.0	0.0	-66.0	0.0	157.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls13	7854.55	0.0	222.0	0.0	-66.0	0.0	50.0
B400	349	GEO_Eqn_6.12b_nls13	8345.45	0.0	229.0	0.0	-66.0	0.0	-61.0
B400	349	GEO_Eqn_6.12b_nls13	8836.36	0.0	237.0	0.0	-66.0	0.0	-175.0
B400	349	GEO_Eqn_6.12b_nls13	9327.27	0.0	244.0	0.0	-66.0	0.0	-293.0
B400	349	GEO_Eqn_6.12b_nls13	9818.18	0.0	251.0	0.0	-66.0	0.0	-415.0
B400	349	GEO_Eqn_6.12b_nls13	10309.09	0.0	259.0	0.0	-66.0	0.0	-540.0
B400	349	GEO_Eqn_6.12b_nls13	10800	0.0	266.0	0.0	-66.0	0.0	-669.0
B400	349	GEO_Eqn_6.12b_nls13	10800	38.0	-472.0	21.0	66.0	19.0	-597.0
B400	349	GEO_Eqn_6.12b_nls13	11100	38.0	-468.0	21.0	66.0	13.0	-456.0
B400	349	GEO_Eqn_6.12b_nls13	11400	38.0	-463.0	21.0	66.0	6.0	-316.0
B400	349	GEO_Eqn_6.12b_nls13	11400	7.0	-331.0	12.0	39.0	6.0	-304.0
B400	349	GEO_Eqn_6.12b_nls13	11700	7.0	-327.0	12.0	39.0	2.0	-205.0
B400	349	GEO_Eqn_6.12b_nls13	12000	7.0	-322.0	12.0	39.0	-1.0	-108.0
B400	349	GEO_Eqn_6.12b_nls13	12000	39.0	-175.0	7.0	17.0	-2.0	-103.0
B400	349	GEO_Eqn_6.12b_nls13	12300	39.0	-170.0	7.0	17.0	-4.0	-52.0
B400	349	GEO_Eqn_6.12b_nls13	12600	39.0	-166.0	7.0	17.0	-6.0	-1.0
B400	349	GEO_Eqn_6.12b_nls13	12600	87.0	-99.0	3.0	-3.0	-6.0	-0.5
B400	349	GEO_Eqn_6.12b_nls13	12900	87.0	-95.0	3.0	-3.0	-7.0	29.0
B400	349	GEO_Eqn_6.12b_nls13	13200	87.0	-90.0	3.0	-3.0	-8.0	56.0
B400	349	GEO_Eqn_6.12b_nls13	13200	117.0	-82.0	0.3	-23.0	-8.0	57.0
B400	349	GEO_Eqn_6.12b_nls13	13500	117.0	-78.0	0.3	-23.0	-8.0	81.0
B400	349	GEO_Eqn_6.12b_nls13	13800	117.0	-73.0	0.3	-23.0	-8.0	103.0
B400	349	GEO_Eqn_6.12b_nls13	13800	113.0	-95.0	-3.0	-43.0	-8.0	106.0
B400	349	GEO_Eqn_6.12b_nls13	14100	113.0	-91.0	-3.0	-43.0	-7.0	133.0
B400	349	GEO_Eqn_6.12b_nls13	14400	113.0	-86.0	-3.0	-43.0	-6.0	160.0
B400	349	GEO_Eqn_6.12b_nls13	14400	52.0	-95.0	-7.0	-65.0	-6.0	165.0
B400	349	GEO_Eqn_6.12b_nls13	14700	52.0	-90.0	-7.0	-65.0	-4.0	193.0
B400	349	GEO_Eqn_6.12b_nls13	15000	52.0	-86.0	-7.0	-65.0	-2.0	219.0
B400	349	GEO_Eqn_6.12b_nls13	15000	-100.0	15.0	-12.0	-91.0	-2.0	228.0
B400	349	GEO_Eqn_6.12b_nls13	15300	-100.0	20.0	-12.0	-91.0	2.0	223.0
B400	349	GEO_Eqn_6.12b_nls13	15600	-100.0	24.0	-12.0	-91.0	5.0	216.0
B400	349	GEO_Eqn_6.12b_nls13	15600	-353.0	518.0	-25.0	-124.0	6.0	224.0
B400	349	GEO_Eqn_6.12b_nls13	15900	-353.0	523.0	-25.0	-124.0	13.0	68.0
B400	349	GEO_Eqn_6.12b_nls13	16200	-353.0	527.0	-25.0	-124.0	21.0	-90.0
B400	349	GEO_Eqn_6.12b_nls14	0	-248.0	-72.0	-18.0	-88.0	-14.0	-23.0
B400	349	GEO_Eqn_6.12b_nls14	300	-248.0	-68.0	-18.0	-88.0	-9.0	-2.0
B400	349	GEO_Eqn_6.12b_nls14	600	-248.0	-63.0	-18.0	-88.0	-3.0	18.0
B400	349	GEO_Eqn_6.12b_nls14	600	-166.0	-15.0	-8.0	-62.0	-3.0	15.0
B400	349	GEO_Eqn_6.12b_nls14	900	-166.0	-11.0	-8.0	-62.0	-0.4	19.0
B400	349	GEO_Eqn_6.12b_nls14	1200	-166.0	-6.0	-8.0	-62.0	2.0	22.0
B400	349	GEO_Eqn_6.12b_nls14	1200	-82.0	-13.0	-3.0	-42.0	2.0	18.0
B400	349	GEO_Eqn_6.12b_nls14	1500	-82.0	-8.0	-3.0	-42.0	3.0	21.0
B400	349	GEO_Eqn_6.12b_nls14	1800	-82.0	-4.0	-3.0	-42.0	4.0	23.0
B400	349	GEO_Eqn_6.12b_nls14	1800	-4.0	-27.0	-1.0	-25.0	4.0	20.0
B400	349	GEO_Eqn_6.12b_nls14	2100	-4.0	-22.0	-1.0	-25.0	5.0	27.0
B400	349	GEO_Eqn_6.12b_nls14	2400	-4.0	-18.0	-1.0	-25.0	5.0	33.0
B400	349	GEO_Eqn_6.12b_nls14	2400	73.0	-55.0	1.0	-11.0	5.0	30.0
B400	349	GEO_Eqn_6.12b_nls14	2700	73.0	-50.0	1.0	-11.0	5.0	46.0
B400	349	GEO_Eqn_6.12b_nls14	3000	73.0	-46.0	1.0	-11.0	4.0	61.0
B400	349	GEO_Eqn_6.12b_nls14	3000	136.0	-103.0	2.0	1.0	4.0	60.0
B400	349	GEO_Eqn_6.12b_nls14	3300	136.0	-99.0	2.0	1.0	4.0	90.0
B400	349	GEO_Eqn_6.12b_nls14	3600	136.0	-94.0	2.0	1.0	3.0	119.0
B400	349	GEO_Eqn_6.12b_nls14	3600	171.0	-176.0	4.0	14.0	3.0	120.0
B400	349	GEO_Eqn_6.12b_nls14	3900	171.0	-171.0	4.0	14.0	2.0	172.0
B400	349	GEO_Eqn_6.12b_nls14	4200	171.0	-167.0	4.0	14.0	0.4	223.0
B400	349	GEO_Eqn_6.12b_nls14	4200	135.0	-250.0	6.0	26.0	0.2	230.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls14	4500	135.0	-245.0	6.0	26.0	-2.0	305.0
B400	349	GEO_Eqn_6.12b_nls14	4800	135.0	-241.0	6.0	26.0	-3.0	377.0
B400	349	GEO_Eqn_6.12b_nls14	4800	-14.0	-117.0	10.0	40.0	-4.0	392.0
B400	349	GEO_Eqn_6.12b_nls14	5100	-14.0	-113.0	10.0	40.0	-7.0	426.0
B400	349	GEO_Eqn_6.12b_nls14	5400	-14.0	-108.0	10.0	40.0	-10.0	459.0
B400	349	GEO_Eqn_6.12b_nls14	5400	0.0	194.0	0.0	-74.0	0.0	571.0
B400	349	GEO_Eqn_6.12b_nls14	5890.91	0.0	202.0	0.0	-74.0	0.0	474.0
B400	349	GEO_Eqn_6.12b_nls14	6381.82	0.0	209.0	0.0	-74.0	0.0	373.0
B400	349	GEO_Eqn_6.12b_nls14	6872.73	0.0	216.0	0.0	-74.0	0.0	269.0
B400	349	GEO_Eqn_6.12b_nls14	7363.64	0.0	224.0	0.0	-74.0	0.0	161.0
B400	349	GEO_Eqn_6.12b_nls14	7854.55	0.0	231.0	0.0	-74.0	0.0	49.0
B400	349	GEO_Eqn_6.12b_nls14	8345.45	0.0	238.0	0.0	-74.0	0.0	-66.0
B400	349	GEO_Eqn_6.12b_nls14	8836.36	0.0	246.0	0.0	-74.0	0.0	-185.0
B400	349	GEO_Eqn_6.12b_nls14	9327.27	0.0	253.0	0.0	-74.0	0.0	-307.0
B400	349	GEO_Eqn_6.12b_nls14	9818.18	0.0	261.0	0.0	-74.0	0.0	-433.0
B400	349	GEO_Eqn_6.12b_nls14	10309.09	0.0	268.0	0.0	-74.0	0.0	-563.0
B400	349	GEO_Eqn_6.12b_nls14	10800	0.0	275.0	0.0	-74.0	0.0	-696.0
B400	349	GEO_Eqn_6.12b_nls14	10800	46.0	-486.0	3.0	6.0	3.0	-614.0
B400	349	GEO_Eqn_6.12b_nls14	11100	46.0	-481.0	3.0	6.0	2.0	-469.0
B400	349	GEO_Eqn_6.12b_nls14	11400	46.0	-477.0	3.0	6.0	1.0	-325.0
B400	349	GEO_Eqn_6.12b_nls14	11400	12.0	-340.0	2.0	3.0	1.0	-312.0
B400	349	GEO_Eqn_6.12b_nls14	11700	12.0	-336.0	2.0	3.0	0.3	-211.0
B400	349	GEO_Eqn_6.12b_nls14	12000	12.0	-331.0	2.0	3.0	-0.2	-110.0
B400	349	GEO_Eqn_6.12b_nls14	12000	44.0	-179.0	1.0	0.2	-0.3	-106.0
B400	349	GEO_Eqn_6.12b_nls14	12300	44.0	-175.0	1.0	0.2	-1.0	-53.0
B400	349	GEO_Eqn_6.12b_nls14	12600	44.0	-170.0	1.0	0.2	-1.0	-1.0
B400	349	GEO_Eqn_6.12b_nls14	12600	91.0	-101.0	0.4	-2.0	-1.0	-0.4
B400	349	GEO_Eqn_6.12b_nls14	12900	91.0	-97.0	0.4	-2.0	-1.0	29.0
B400	349	GEO_Eqn_6.12b_nls14	13200	91.0	-92.0	0.4	-2.0	-1.0	58.0
B400	349	GEO_Eqn_6.12b_nls14	13200	120.0	-84.0	0.0	-4.0	-1.0	58.0
B400	349	GEO_Eqn_6.12b_nls14	13500	120.0	-79.0	0.0	-4.0	-1.0	83.0
B400	349	GEO_Eqn_6.12b_nls14	13800	120.0	-75.0	0.0	-4.0	-1.0	106.0
B400	349	GEO_Eqn_6.12b_nls14	13800	114.0	-97.0	-0.5	-6.0	-1.0	108.0
B400	349	GEO_Eqn_6.12b_nls14	14100	114.0	-93.0	-0.5	-6.0	-1.0	137.0
B400	349	GEO_Eqn_6.12b_nls14	14400	114.0	-88.0	-0.5	-6.0	-1.0	164.0
B400	349	GEO_Eqn_6.12b_nls14	14400	50.0	-97.0	-1.0	-9.0	-1.0	169.0
B400	349	GEO_Eqn_6.12b_nls14	14700	50.0	-93.0	-1.0	-9.0	-1.0	197.0
B400	349	GEO_Eqn_6.12b_nls14	15000	50.0	-88.0	-1.0	-9.0	-0.2	225.0
B400	349	GEO_Eqn_6.12b_nls14	15000	-108.0	15.0	-2.0	-12.0	-0.2	234.0
B400	349	GEO_Eqn_6.12b_nls14	15300	-108.0	19.0	-2.0	-12.0	0.3	229.0
B400	349	GEO_Eqn_6.12b_nls14	15600	-108.0	24.0	-2.0	-12.0	1.0	222.0
B400	349	GEO_Eqn_6.12b_nls14	15600	-368.0	529.0	-3.0	-15.0	1.0	230.0
B400	349	GEO_Eqn_6.12b_nls14	15900	-368.0	533.0	-3.0	-15.0	2.0	71.0
B400	349	GEO_Eqn_6.12b_nls14	16200	-368.0	538.0	-3.0	-15.0	3.0	-90.0
B400	349	GEO_Eqn_6.12b_nls15	0	-250.0	-342.0	19.0	82.0	15.0	6.0
B400	349	GEO_Eqn_6.12b_nls15	300	-250.0	-337.0	19.0	82.0	9.0	108.0
B400	349	GEO_Eqn_6.12b_nls15	600	-250.0	-333.0	19.0	82.0	4.0	209.0
B400	349	GEO_Eqn_6.12b_nls15	600	-49.0	16.0	8.0	55.0	3.0	201.0
B400	349	GEO_Eqn_6.12b_nls15	900	-49.0	21.0	8.0	55.0	1.0	195.0
B400	349	GEO_Eqn_6.12b_nls15	1200	-49.0	25.0	8.0	55.0	-2.0	188.0
B400	349	GEO_Eqn_6.12b_nls15	1200	65.0	76.0	4.0	34.0	-2.0	181.0
B400	349	GEO_Eqn_6.12b_nls15	1500	65.0	81.0	4.0	34.0	-3.0	158.0
B400	349	GEO_Eqn_6.12b_nls15	1800	65.0	85.0	4.0	34.0	-5.0	133.0
B400	349	GEO_Eqn_6.12b_nls15	1800	111.0	64.0	1.0	16.0	-5.0	128.0
B400	349	GEO_Eqn_6.12b_nls15	2100	111.0	69.0	1.0	16.0	-5.0	108.0
B400	349	GEO_Eqn_6.12b_nls15	2400	111.0	73.0	1.0	16.0	-5.0	87.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls15	2400	106.0	49.0	-1.0	1.0	-5.0	86.0
B400	349	GEO_Eqn_6.12b_nls15	2700	106.0	54.0	-1.0	1.0	-5.0	71.0
B400	349	GEO_Eqn_6.12b_nls15	3000	106.0	58.0	-1.0	1.0	-5.0	54.0
B400	349	GEO_Eqn_6.12b_nls15	3000	73.0	63.0	-3.0	-14.0	-5.0	54.0
B400	349	GEO_Eqn_6.12b_nls15	3300	73.0	67.0	-3.0	-14.0	-4.0	34.0
B400	349	GEO_Eqn_6.12b_nls15	3600	73.0	72.0	-3.0	-14.0	-3.0	13.0
B400	349	GEO_Eqn_6.12b_nls15	3600	18.0	131.0	-4.0	-28.0	-3.0	14.0
B400	349	GEO_Eqn_6.12b_nls15	3900	18.0	135.0	-4.0	-28.0	-2.0	-26.0
B400	349	GEO_Eqn_6.12b_nls15	4200	18.0	140.0	-4.0	-28.0	-1.0	-67.0
B400	349	GEO_Eqn_6.12b_nls15	4200	-33.0	282.0	-7.0	-43.0	-0.4	-70.0
B400	349	GEO_Eqn_6.12b_nls15	4500	-33.0	286.0	-7.0	-43.0	2.0	-155.0
B400	349	GEO_Eqn_6.12b_nls15	4800	-33.0	291.0	-7.0	-43.0	4.0	-242.0
B400	349	GEO_Eqn_6.12b_nls15	4800	-41.0	462.0	-12.0	-60.0	4.0	-251.0
B400	349	GEO_Eqn_6.12b_nls15	5100	-41.0	467.0	-12.0	-60.0	8.0	-391.0
B400	349	GEO_Eqn_6.12b_nls15	5400	-41.0	471.0	-12.0	-60.0	12.0	-531.0
B400	349	GEO_Eqn_6.12b_nls15	5400	0.0	-226.0	0.0	60.0	0.0	-567.0
B400	349	GEO_Eqn_6.12b_nls15	5890.91	0.0	-218.0	0.0	60.0	0.0	-458.0
B400	349	GEO_Eqn_6.12b_nls15	6381.82	0.0	-211.0	0.0	60.0	0.0	-352.0
B400	349	GEO_Eqn_6.12b_nls15	6872.73	0.0	-204.0	0.0	60.0	0.0	-251.0
B400	349	GEO_Eqn_6.12b_nls15	7363.64	0.0	-196.0	0.0	60.0	0.0	-152.0
B400	349	GEO_Eqn_6.12b_nls15	7854.55	0.0	-189.0	0.0	60.0	0.0	-58.0
B400	349	GEO_Eqn_6.12b_nls15	8345.45	0.0	-182.0	0.0	60.0	0.0	33.0
B400	349	GEO_Eqn_6.12b_nls15	8836.36	0.0	-174.0	0.0	60.0	0.0	120.0
B400	349	GEO_Eqn_6.12b_nls15	9327.27	0.0	-167.0	0.0	60.0	0.0	204.0
B400	349	GEO_Eqn_6.12b_nls15	9818.18	0.0	-160.0	0.0	60.0	0.0	284.0
B400	349	GEO_Eqn_6.12b_nls15	10309.09	0.0	-152.0	0.0	60.0	0.0	361.0
B400	349	GEO_Eqn_6.12b_nls15	10800	0.0	-145.0	0.0	60.0	0.0	434.0
B400	349	GEO_Eqn_6.12b_nls15	10800	23.0	57.0	3.0	22.0	3.0	354.0
B400	349	GEO_Eqn_6.12b_nls15	11100	23.0	61.0	3.0	22.0	2.0	336.0
B400	349	GEO_Eqn_6.12b_nls15	11400	23.0	66.0	3.0	22.0	1.0	317.0
B400	349	GEO_Eqn_6.12b_nls15	11400	143.0	184.0	2.0	17.0	1.0	306.0
B400	349	GEO_Eqn_6.12b_nls15	11700	143.0	189.0	2.0	17.0	0.4	250.0
B400	349	GEO_Eqn_6.12b_nls15	12000	143.0	193.0	2.0	17.0	-0.2	193.0
B400	349	GEO_Eqn_6.12b_nls15	12000	169.0	133.0	1.0	12.0	-0.2	187.0
B400	349	GEO_Eqn_6.12b_nls15	12300	169.0	138.0	1.0	12.0	-1.0	147.0
B400	349	GEO_Eqn_6.12b_nls15	12600	169.0	142.0	1.0	12.0	-1.0	105.0
B400	349	GEO_Eqn_6.12b_nls15	12600	133.0	77.0	1.0	8.0	-1.0	104.0
B400	349	GEO_Eqn_6.12b_nls15	12900	133.0	82.0	1.0	8.0	-1.0	80.0
B400	349	GEO_Eqn_6.12b_nls15	13200	133.0	86.0	1.0	8.0	-1.0	55.0
B400	349	GEO_Eqn_6.12b_nls15	13200	70.0	38.0	0.1	5.0	-1.0	56.0
B400	349	GEO_Eqn_6.12b_nls15	13500	70.0	42.0	0.1	5.0	-1.0	44.0
B400	349	GEO_Eqn_6.12b_nls15	13800	70.0	47.0	0.1	5.0	-1.0	31.0
B400	349	GEO_Eqn_6.12b_nls15	13800	-6.0	14.0	-0.4	1.0	-1.0	34.0
B400	349	GEO_Eqn_6.12b_nls15	14100	-6.0	18.0	-0.4	1.0	-1.0	29.0
B400	349	GEO_Eqn_6.12b_nls15	14400	-6.0	23.0	-0.5	1.0	-1.0	23.0
B400	349	GEO_Eqn_6.12b_nls15	14400	-88.0	2.0	-1.0	-3.0	-1.0	26.0
B400	349	GEO_Eqn_6.12b_nls15	14700	-88.0	7.0	-1.0	-3.0	-1.0	25.0
B400	349	GEO_Eqn_6.12b_nls15	15000	-88.0	11.0	-1.0	-3.0	-0.4	22.0
B400	349	GEO_Eqn_6.12b_nls15	15000	-177.0	10.0	-2.0	-7.0	-0.3	26.0
B400	349	GEO_Eqn_6.12b_nls15	15300	-177.0	15.0	-2.0	-7.0	0.3	22.0
B400	349	GEO_Eqn_6.12b_nls15	15600	-177.0	19.0	-2.0	-7.0	1.0	17.0
B400	349	GEO_Eqn_6.12b_nls15	15600	-268.0	84.0	-4.0	-12.0	1.0	20.0
B400	349	GEO_Eqn_6.12b_nls15	15900	-268.0	89.0	-4.0	-12.0	2.0	-6.0
B400	349	GEO_Eqn_6.12b_nls15	16200	-268.0	93.0	-4.0	-12.0	3.0	-33.0
B400	349	GEO_Eqn_6.12b_nls16	0	-251.0	-335.0	3.0	19.0	2.0	8.0
B400	349	GEO_Eqn_6.12b_nls16	300	-251.0	-330.0	3.0	19.0	1.0	108.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls16	600	-251.0	-326.0	3.0	19.0	0.5	207.0
B400	349	GEO_Eqn_6.12b_nls16	600	-52.0	17.0	1.0	14.0	0.4	199.0
B400	349	GEO_Eqn_6.12b_nls16	900	-52.0	22.0	1.0	14.0	0.0	193.0
B400	349	GEO_Eqn_6.12b_nls16	1200	-52.0	26.0	1.0	14.0	-0.3	186.0
B400	349	GEO_Eqn_6.12b_nls16	1200	61.0	76.0	1.0	10.0	-0.4	179.0
B400	349	GEO_Eqn_6.12b_nls16	1500	61.0	80.0	1.0	10.0	-1.0	156.0
B400	349	GEO_Eqn_6.12b_nls16	1800	61.0	85.0	0.5	10.0	-1.0	131.0
B400	349	GEO_Eqn_6.12b_nls16	1800	107.0	63.0	0.1	7.0	-1.0	127.0
B400	349	GEO_Eqn_6.12b_nls16	2100	107.0	68.0	0.1	7.0	-1.0	107.0
B400	349	GEO_Eqn_6.12b_nls16	2400	107.0	72.0	0.1	7.0	-1.0	86.0
B400	349	GEO_Eqn_6.12b_nls16	2400	104.0	49.0	-0.1	5.0	-1.0	85.0
B400	349	GEO_Eqn_6.12b_nls16	2700	104.0	53.0	-0.1	5.0	-1.0	70.0
B400	349	GEO_Eqn_6.12b_nls16	3000	104.0	58.0	-0.1	5.0	-1.0	53.0
B400	349	GEO_Eqn_6.12b_nls16	3000	73.0	62.0	-0.3	3.0	-1.0	53.0
B400	349	GEO_Eqn_6.12b_nls16	3300	73.0	67.0	-0.3	3.0	-1.0	34.0
B400	349	GEO_Eqn_6.12b_nls16	3600	73.0	71.0	-0.3	3.0	-0.5	13.0
B400	349	GEO_Eqn_6.12b_nls16	3600	20.0	131.0	-1.0	1.0	-0.5	13.0
B400	349	GEO_Eqn_6.12b_nls16	3900	20.0	135.0	-1.0	1.0	-0.3	-27.0
B400	349	GEO_Eqn_6.12b_nls16	4200	20.0	140.0	-1.0	1.0	-0.1	-68.0
B400	349	GEO_Eqn_6.12b_nls16	4200	-29.0	282.0	-1.0	-1.0	-0.1	-71.0
B400	349	GEO_Eqn_6.12b_nls16	4500	-29.0	287.0	-1.0	-1.0	0.3	-156.0
B400	349	GEO_Eqn_6.12b_nls16	4800	-29.0	291.0	-1.0	-1.0	1.0	-243.0
B400	349	GEO_Eqn_6.12b_nls16	4800	-34.0	462.0	-2.0	-2.0	1.0	-252.0
B400	349	GEO_Eqn_6.12b_nls16	5100	-34.0	467.0	-2.0	-2.0	1.0	-392.0
B400	349	GEO_Eqn_6.12b_nls16	5400	-34.0	471.0	-2.0	-2.0	2.0	-533.0
B400	349	GEO_Eqn_6.12b_nls16	5400	0.0	-230.0	0.0	60.0	0.0	-583.0
B400	349	GEO_Eqn_6.12b_nls16	5890.91	0.0	-223.0	0.0	60.0	0.0	-471.0
B400	349	GEO_Eqn_6.12b_nls16	6381.82	0.0	-216.0	0.0	60.0	0.0	-364.0
B400	349	GEO_Eqn_6.12b_nls16	6872.73	0.0	-208.0	0.0	60.0	0.0	-260.0
B400	349	GEO_Eqn_6.12b_nls16	7363.64	0.0	-201.0	0.0	60.0	0.0	-159.0
B400	349	GEO_Eqn_6.12b_nls16	7854.55	0.0	-194.0	0.0	60.0	0.0	-62.0
B400	349	GEO_Eqn_6.12b_nls16	8345.45	0.0	-186.0	0.0	60.0	0.0	31.0
B400	349	GEO_Eqn_6.12b_nls16	8836.36	0.0	-179.0	0.0	60.0	0.0	121.0
B400	349	GEO_Eqn_6.12b_nls16	9327.27	0.0	-172.0	0.0	60.0	0.0	207.0
B400	349	GEO_Eqn_6.12b_nls16	9818.18	0.0	-164.0	0.0	60.0	0.0	289.0
B400	349	GEO_Eqn_6.12b_nls16	10309.09	0.0	-157.0	0.0	60.0	0.0	368.0
B400	349	GEO_Eqn_6.12b_nls16	10800	0.0	-150.0	0.0	60.0	0.0	443.0
B400	349	GEO_Eqn_6.12b_nls16	10800	17.0	61.0	-17.0	-40.0	-15.0	368.0
B400	349	GEO_Eqn_6.12b_nls16	11100	17.0	66.0	-17.0	-40.0	-10.0	349.0
B400	349	GEO_Eqn_6.12b_nls16	11400	17.0	70.0	-17.0	-40.0	-5.0	329.0
B400	349	GEO_Eqn_6.12b_nls16	11400	143.0	192.0	-9.0	-19.0	-5.0	317.0
B400	349	GEO_Eqn_6.12b_nls16	11700	143.0	196.0	-9.0	-19.0	-2.0	259.0
B400	349	GEO_Eqn_6.12b_nls16	12000	143.0	201.0	-9.0	-19.0	1.0	199.0
B400	349	GEO_Eqn_6.12b_nls16	12000	171.0	138.0	-6.0	-2.0	1.0	194.0
B400	349	GEO_Eqn_6.12b_nls16	12300	171.0	142.0	-6.0	-2.0	3.0	152.0
B400	349	GEO_Eqn_6.12b_nls16	12600	171.0	147.0	-6.0	-2.0	5.0	108.0
B400	349	GEO_Eqn_6.12b_nls16	12600	136.0	79.0	-3.0	14.0	5.0	107.0
B400	349	GEO_Eqn_6.12b_nls16	12900	136.0	84.0	-3.0	14.0	6.0	83.0
B400	349	GEO_Eqn_6.12b_nls16	13200	136.0	88.0	-3.0	14.0	6.0	57.0
B400	349	GEO_Eqn_6.12b_nls16	13200	73.0	38.0	-0.3	31.0	7.0	58.0
B400	349	GEO_Eqn_6.12b_nls16	13500	73.0	43.0	-0.4	31.0	7.0	46.0
B400	349	GEO_Eqn_6.12b_nls16	13800	73.0	47.0	-0.4	31.0	7.0	33.0
B400	349	GEO_Eqn_6.12b_nls16	13800	-3.0	13.0	2.0	47.0	7.0	35.0
B400	349	GEO_Eqn_6.12b_nls16	14100	-3.0	17.0	2.0	47.0	6.0	31.0
B400	349	GEO_Eqn_6.12b_nls16	14400	-3.0	22.0	2.0	47.0	5.0	25.0
B400	349	GEO_Eqn_6.12b_nls16	14400	-87.0	0.0	5.0	66.0	5.0	28.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B400	349	GEO_Eqn_6.12b_nls16	14700	-87.0	4.0	5.0	66.0	4.0	28.0
B400	349	GEO_Eqn_6.12b_nls16	15000	-87.0	9.0	5.0	66.0	2.0	26.0
B400	349	GEO_Eqn_6.12b_nls16	15000	-177.0	7.0	10.0	89.0	2.0	30.0
B400	349	GEO_Eqn_6.12b_nls16	15300	-177.0	11.0	10.0	89.0	-1.0	27.0
B400	349	GEO_Eqn_6.12b_nls16	15600	-177.0	16.0	10.0	89.0	-4.0	23.0
B400	349	GEO_Eqn_6.12b_nls16	15600	-272.0	84.0	21.0	118.0	-5.0	26.0
B400	349	GEO_Eqn_6.12b_nls16	15900	-272.0	89.0	21.0	118.0	-11.0	0.2
B400	349	GEO_Eqn_6.12b_nls16	16200	-272.0	93.0	21.0	118.0	-18.0	-27.0
B401	354	GEO_Eqn_6.12b_nls01	0	0.0	162.0	0.0	2.0	0.0	919.0
B401	354	GEO_Eqn_6.12b_nls01	490.91	0.0	172.0	0.0	2.0	0.0	837.0
B401	354	GEO_Eqn_6.12b_nls01	981.82	0.0	181.0	0.0	2.0	0.0	750.0
B401	354	GEO_Eqn_6.12b_nls01	1472.73	0.0	191.0	0.0	2.0	0.0	659.0
B401	354	GEO_Eqn_6.12b_nls01	1963.64	0.0	200.0	0.0	2.0	0.0	563.0
B401	354	GEO_Eqn_6.12b_nls01	2454.55	0.0	210.0	0.0	2.0	0.0	463.0
B401	354	GEO_Eqn_6.12b_nls01	2945.45	0.0	219.0	0.0	2.0	0.0	357.0
B401	354	GEO_Eqn_6.12b_nls01	3436.36	0.0	229.0	0.0	2.0	0.0	247.0
B401	354	GEO_Eqn_6.12b_nls01	3927.27	0.0	239.0	0.0	2.0	0.0	132.0
B401	354	GEO_Eqn_6.12b_nls01	4418.18	0.0	248.0	0.0	2.0	0.0	13.0
B401	354	GEO_Eqn_6.12b_nls01	4909.09	0.0	258.0	0.0	2.0	0.0	-111.0
B401	354	GEO_Eqn_6.12b_nls01	5400	0.0	267.0	0.0	2.0	0.0	-240.0
B401	354	GEO_Eqn_6.12b_nls01	5400	0.0	178.0	0.0	-58.0	0.0	96.0
B401	354	GEO_Eqn_6.12b_nls01	5890.91	0.0	188.0	0.0	-58.0	0.0	6.0
B401	354	GEO_Eqn_6.12b_nls01	6381.82	0.0	197.0	0.0	-58.0	0.0	-88.0
B401	354	GEO_Eqn_6.12b_nls01	6872.73	0.0	207.0	0.0	-58.0	0.0	-188.0
B401	354	GEO_Eqn_6.12b_nls01	7363.64	0.0	217.0	0.0	-58.0	0.0	-292.0
B401	354	GEO_Eqn_6.12b_nls01	7854.55	0.0	226.0	0.0	-58.0	0.0	-400.0
B401	354	GEO_Eqn_6.12b_nls01	8345.45	0.0	236.0	0.0	-58.0	0.0	-514.0
B401	354	GEO_Eqn_6.12b_nls01	8836.36	0.0	245.0	0.0	-58.0	0.0	-632.0
B401	354	GEO_Eqn_6.12b_nls01	9327.27	0.0	255.0	0.0	-58.0	0.0	-755.0
B401	354	GEO_Eqn_6.12b_nls01	9818.18	0.0	264.0	0.0	-58.0	0.0	-882.0
B401	354	GEO_Eqn_6.12b_nls01	10309.09	0.0	274.0	0.0	-58.0	0.0	-1014.0
B401	354	GEO_Eqn_6.12b_nls01	10800	0.0	284.0	0.0	-58.0	0.0	-1151.0
B401	354	GEO_Eqn_6.12b_nls02	0	0.0	136.0	0.0	6.0	0.0	831.0
B401	354	GEO_Eqn_6.12b_nls02	490.91	0.0	146.0	0.0	6.0	0.0	762.0
B401	354	GEO_Eqn_6.12b_nls02	981.82	0.0	156.0	0.0	6.0	0.0	688.0
B401	354	GEO_Eqn_6.12b_nls02	1472.73	0.0	165.0	0.0	6.0	0.0	609.0
B401	354	GEO_Eqn_6.12b_nls02	1963.64	0.0	175.0	0.0	6.0	0.0	526.0
B401	354	GEO_Eqn_6.12b_nls02	2454.55	0.0	184.0	0.0	6.0	0.0	438.0
B401	354	GEO_Eqn_6.12b_nls02	2945.45	0.0	194.0	0.0	6.0	0.0	345.0
B401	354	GEO_Eqn_6.12b_nls02	3436.36	0.0	203.0	0.0	6.0	0.0	247.0
B401	354	GEO_Eqn_6.12b_nls02	3927.27	0.0	213.0	0.0	6.0	0.0	145.0
B401	354	GEO_Eqn_6.12b_nls02	4418.18	0.0	223.0	0.0	6.0	0.0	38.0
B401	354	GEO_Eqn_6.12b_nls02	4909.09	0.0	232.0	0.0	6.0	0.0	-73.0
B401	354	GEO_Eqn_6.12b_nls02	5400	0.0	242.0	0.0	6.0	0.0	-190.0
B401	354	GEO_Eqn_6.12b_nls02	5400	0.0	180.0	0.0	-49.0	0.0	133.0
B401	354	GEO_Eqn_6.12b_nls02	5890.91	0.0	190.0	0.0	-49.0	0.0	42.0
B401	354	GEO_Eqn_6.12b_nls02	6381.82	0.0	199.0	0.0	-49.0	0.0	-53.0
B401	354	GEO_Eqn_6.12b_nls02	6872.73	0.0	209.0	0.0	-49.0	0.0	-154.0
B401	354	GEO_Eqn_6.12b_nls02	7363.64	0.0	218.0	0.0	-49.0	0.0	-258.0
B401	354	GEO_Eqn_6.12b_nls02	7854.55	0.0	228.0	0.0	-49.0	0.0	-368.0
B401	354	GEO_Eqn_6.12b_nls02	8345.45	0.0	238.0	0.0	-49.0	0.0	-482.0
B401	354	GEO_Eqn_6.12b_nls02	8836.36	0.0	247.0	0.0	-49.0	0.0	-601.0
B401	354	GEO_Eqn_6.12b_nls02	9327.27	0.0	257.0	0.0	-49.0	0.0	-725.0
B401	354	GEO_Eqn_6.12b_nls02	9818.18	0.0	266.0	0.0	-49.0	0.0	-853.0
B401	354	GEO_Eqn_6.12b_nls02	10309.09	0.0	276.0	0.0	-49.0	0.0	-986.0
B401	354	GEO_Eqn_6.12b_nls02	10800	0.0	285.0	0.0	-49.0	0.0	-1124.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B401	354	GEO_Eqn_6.12b_nls03	0	0.0	-221.0	0.0	25.0	0.0	-899.0
B401	354	GEO_Eqn_6.12b_nls03	490.91	0.0	-211.0	0.0	25.0	0.0	-793.0
B401	354	GEO_Eqn_6.12b_nls03	981.82	0.0	-202.0	0.0	25.0	0.0	-692.0
B401	354	GEO_Eqn_6.12b_nls03	1472.73	0.0	-192.0	0.0	25.0	0.0	-595.0
B401	354	GEO_Eqn_6.12b_nls03	1963.64	0.0	-183.0	0.0	25.0	0.0	-503.0
B401	354	GEO_Eqn_6.12b_nls03	2454.55	0.0	-173.0	0.0	25.0	0.0	-416.0
B401	354	GEO_Eqn_6.12b_nls03	2945.45	0.0	-163.0	0.0	25.0	0.0	-334.0
B401	354	GEO_Eqn_6.12b_nls03	3436.36	0.0	-154.0	0.0	25.0	0.0	-256.0
B401	354	GEO_Eqn_6.12b_nls03	3927.27	0.0	-144.0	0.0	25.0	0.0	-182.0
B401	354	GEO_Eqn_6.12b_nls03	4418.18	0.0	-135.0	0.0	25.0	0.0	-114.0
B401	354	GEO_Eqn_6.12b_nls03	4909.09	0.0	-125.0	0.0	25.0	0.0	-50.0
B401	354	GEO_Eqn_6.12b_nls03	5400	0.0	-116.0	0.0	25.0	0.0	9.0
B401	354	GEO_Eqn_6.12b_nls03	5400	0.0	-257.0	0.0	-28.0	0.0	-273.0
B401	354	GEO_Eqn_6.12b_nls03	5890.91	0.0	-247.0	0.0	-28.0	0.0	-150.0
B401	354	GEO_Eqn_6.12b_nls03	6381.82	0.0	-238.0	0.0	-28.0	0.0	-31.0
B401	354	GEO_Eqn_6.12b_nls03	6872.73	0.0	-228.0	0.0	-28.0	0.0	84.0
B401	354	GEO_Eqn_6.12b_nls03	7363.64	0.0	-218.0	0.0	-28.0	0.0	193.0
B401	354	GEO_Eqn_6.12b_nls03	7854.55	0.0	-209.0	0.0	-28.0	0.0	298.0
B401	354	GEO_Eqn_6.12b_nls03	8345.45	0.0	-199.0	0.0	-28.0	0.0	398.0
B401	354	GEO_Eqn_6.12b_nls03	8836.36	0.0	-190.0	0.0	-28.0	0.0	494.0
B401	354	GEO_Eqn_6.12b_nls03	9327.27	0.0	-180.0	0.0	-28.0	0.0	585.0
B401	354	GEO_Eqn_6.12b_nls03	9818.18	0.0	-171.0	0.0	-28.0	0.0	671.0
B401	354	GEO_Eqn_6.12b_nls03	10309.09	0.0	-161.0	0.0	-28.0	0.0	752.0
B401	354	GEO_Eqn_6.12b_nls03	10800	0.0	-151.0	0.0	-28.0	0.0	829.0
B401	354	GEO_Eqn_6.12b_nls04	0	0.0	-277.0	0.0	33.0	0.0	-1097.0
B401	354	GEO_Eqn_6.12b_nls04	490.91	0.0	-268.0	0.0	33.0	0.0	-963.0
B401	354	GEO_Eqn_6.12b_nls04	981.82	0.0	-258.0	0.0	33.0	0.0	-834.0
B401	354	GEO_Eqn_6.12b_nls04	1472.73	0.0	-248.0	0.0	33.0	0.0	-710.0
B401	354	GEO_Eqn_6.12b_nls04	1963.64	0.0	-239.0	0.0	33.0	0.0	-590.0
B401	354	GEO_Eqn_6.12b_nls04	2454.55	0.0	-229.0	0.0	33.0	0.0	-476.0
B401	354	GEO_Eqn_6.12b_nls04	2945.45	0.0	-220.0	0.0	33.0	0.0	-365.0
B401	354	GEO_Eqn_6.12b_nls04	3436.36	0.0	-210.0	0.0	33.0	0.0	-260.0
B401	354	GEO_Eqn_6.12b_nls04	3927.27	0.0	-201.0	0.0	33.0	0.0	-159.0
B401	354	GEO_Eqn_6.12b_nls04	4418.18	0.0	-191.0	0.0	33.0	0.0	-63.0
B401	354	GEO_Eqn_6.12b_nls04	4909.09	0.0	-181.0	0.0	33.0	0.0	29.0
B401	354	GEO_Eqn_6.12b_nls04	5400	0.0	-172.0	0.0	33.0	0.0	115.0
B401	354	GEO_Eqn_6.12b_nls04	5400	0.0	-259.0	0.0	-8.0	0.0	-204.0
B401	354	GEO_Eqn_6.12b_nls04	5890.91	0.0	-250.0	0.0	-8.0	0.0	-79.0
B401	354	GEO_Eqn_6.12b_nls04	6381.82	0.0	-240.0	0.0	-8.0	0.0	41.0
B401	354	GEO_Eqn_6.12b_nls04	6872.73	0.0	-230.0	0.0	-8.0	0.0	157.0
B401	354	GEO_Eqn_6.12b_nls04	7363.64	0.0	-221.0	0.0	-8.0	0.0	268.0
B401	354	GEO_Eqn_6.12b_nls04	7854.55	0.0	-211.0	0.0	-8.0	0.0	374.0
B401	354	GEO_Eqn_6.12b_nls04	8345.45	0.0	-202.0	0.0	-8.0	0.0	475.0
B401	354	GEO_Eqn_6.12b_nls04	8836.36	0.0	-192.0	0.0	-8.0	0.0	572.0
B401	354	GEO_Eqn_6.12b_nls04	9327.27	0.0	-183.0	0.0	-8.0	0.0	664.0
B401	354	GEO_Eqn_6.12b_nls04	9818.18	0.0	-173.0	0.0	-8.0	0.0	751.0
B401	354	GEO_Eqn_6.12b_nls04	10309.09	0.0	-163.0	0.0	-8.0	0.0	834.0
B401	354	GEO_Eqn_6.12b_nls04	10800	0.0	-154.0	0.0	-8.0	0.0	911.0
B401	354	GEO_Eqn_6.12b_nls05	0	0.0	150.0	0.0	-0.1	0.0	863.0
B401	354	GEO_Eqn_6.12b_nls05	490.91	0.0	160.0	0.0	-0.1	0.0	787.0
B401	354	GEO_Eqn_6.12b_nls05	981.82	0.0	169.0	0.0	-0.1	0.0	707.0
B401	354	GEO_Eqn_6.12b_nls05	1472.73	0.0	179.0	0.0	-0.1	0.0	621.0
B401	354	GEO_Eqn_6.12b_nls05	1963.64	0.0	188.0	0.0	-0.1	0.0	531.0
B401	354	GEO_Eqn_6.12b_nls05	2454.55	0.0	198.0	0.0	-0.1	0.0	436.0
B401	354	GEO_Eqn_6.12b_nls05	2945.45	0.0	208.0	0.0	-0.1	0.0	337.0
B401	354	GEO_Eqn_6.12b_nls05	3436.36	0.0	217.0	0.0	-0.1	0.0	232.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B401	354	GEO_Eqn_6.12b_nls05	3927.27	0.0	227.0	0.0	-0.1	0.0	123.0
B401	354	GEO_Eqn_6.12b_nls05	4418.18	0.0	236.0	0.0	-0.1	0.0	10.0
B401	354	GEO_Eqn_6.12b_nls05	4909.09	0.0	246.0	0.0	-0.1	0.0	-109.0
B401	354	GEO_Eqn_6.12b_nls05	5400	0.0	255.0	0.0	-0.1	0.0	-232.0
B401	354	GEO_Eqn_6.12b_nls05	5400	0.0	165.0	0.0	-59.0	0.0	84.0
B401	354	GEO_Eqn_6.12b_nls05	5890.91	0.0	175.0	0.0	-59.0	0.0	1.0
B401	354	GEO_Eqn_6.12b_nls05	6381.82	0.0	184.0	0.0	-59.0	0.0	-87.0
B401	354	GEO_Eqn_6.12b_nls05	6872.73	0.0	194.0	0.0	-59.0	0.0	-180.0
B401	354	GEO_Eqn_6.12b_nls05	7363.64	0.0	203.0	0.0	-59.0	0.0	-277.0
B401	354	GEO_Eqn_6.12b_nls05	7854.55	0.0	213.0	0.0	-59.0	0.0	-379.0
B401	354	GEO_Eqn_6.12b_nls05	8345.45	0.0	222.0	0.0	-59.0	0.0	-486.0
B401	354	GEO_Eqn_6.12b_nls05	8836.36	0.0	232.0	0.0	-59.0	0.0	-598.0
B401	354	GEO_Eqn_6.12b_nls05	9327.27	0.0	242.0	0.0	-59.0	0.0	-714.0
B401	354	GEO_Eqn_6.12b_nls05	9818.18	0.0	251.0	0.0	-59.0	0.0	-835.0
B401	354	GEO_Eqn_6.12b_nls05	10309.09	0.0	261.0	0.0	-59.0	0.0	-961.0
B401	354	GEO_Eqn_6.12b_nls05	10800	0.0	270.0	0.0	-59.0	0.0	-1091.0
B401	354	GEO_Eqn_6.12b_nls06	0	0.0	99.0	0.0	7.0	0.0	690.0
B401	354	GEO_Eqn_6.12b_nls06	490.91	0.0	108.0	0.0	7.0	0.0	639.0
B401	354	GEO_Eqn_6.12b_nls06	981.82	0.0	118.0	0.0	7.0	0.0	583.0
B401	354	GEO_Eqn_6.12b_nls06	1472.73	0.0	128.0	0.0	7.0	0.0	523.0
B401	354	GEO_Eqn_6.12b_nls06	1963.64	0.0	137.0	0.0	7.0	0.0	458.0
B401	354	GEO_Eqn_6.12b_nls06	2454.55	0.0	147.0	0.0	7.0	0.0	388.0
B401	354	GEO_Eqn_6.12b_nls06	2945.45	0.0	156.0	0.0	7.0	0.0	314.0
B401	354	GEO_Eqn_6.12b_nls06	3436.36	0.0	166.0	0.0	7.0	0.0	235.0
B401	354	GEO_Eqn_6.12b_nls06	3927.27	0.0	175.0	0.0	7.0	0.0	151.0
B401	354	GEO_Eqn_6.12b_nls06	4418.18	0.0	185.0	0.0	7.0	0.0	63.0
B401	354	GEO_Eqn_6.12b_nls06	4909.09	0.0	195.0	0.0	7.0	0.0	-31.0
B401	354	GEO_Eqn_6.12b_nls06	5400	0.0	204.0	0.0	7.0	0.0	-128.0
B401	354	GEO_Eqn_6.12b_nls06	5400	0.0	171.0	0.0	-40.0	0.0	161.0
B401	354	GEO_Eqn_6.12b_nls06	5890.91	0.0	181.0	0.0	-40.0	0.0	74.0
B401	354	GEO_Eqn_6.12b_nls06	6381.82	0.0	190.0	0.0	-40.0	0.0	-17.0
B401	354	GEO_Eqn_6.12b_nls06	6872.73	0.0	200.0	0.0	-40.0	0.0	-112.0
B401	354	GEO_Eqn_6.12b_nls06	7363.64	0.0	209.0	0.0	-40.0	0.0	-213.0
B401	354	GEO_Eqn_6.12b_nls06	7854.55	0.0	219.0	0.0	-40.0	0.0	-318.0
B401	354	GEO_Eqn_6.12b_nls06	8345.45	0.0	228.0	0.0	-40.0	0.0	-428.0
B401	354	GEO_Eqn_6.12b_nls06	8836.36	0.0	238.0	0.0	-40.0	0.0	-542.0
B401	354	GEO_Eqn_6.12b_nls06	9327.27	0.0	248.0	0.0	-40.0	0.0	-661.0
B401	354	GEO_Eqn_6.12b_nls06	9818.18	0.0	257.0	0.0	-40.0	0.0	-785.0
B401	354	GEO_Eqn_6.12b_nls06	10309.09	0.0	267.0	0.0	-40.0	0.0	-914.0
B401	354	GEO_Eqn_6.12b_nls06	10800	0.0	276.0	0.0	-40.0	0.0	-1047.0
B401	354	GEO_Eqn_6.12b_nls07	0	0.0	-205.0	0.0	28.0	0.0	-826.0
B401	354	GEO_Eqn_6.12b_nls07	490.91	0.0	-196.0	0.0	28.0	0.0	-727.0
B401	354	GEO_Eqn_6.12b_nls07	981.82	0.0	-186.0	0.0	28.0	0.0	-634.0
B401	354	GEO_Eqn_6.12b_nls07	1472.73	0.0	-177.0	0.0	28.0	0.0	-545.0
B401	354	GEO_Eqn_6.12b_nls07	1963.64	0.0	-167.0	0.0	28.0	0.0	-460.0
B401	354	GEO_Eqn_6.12b_nls07	2454.55	0.0	-157.0	0.0	28.0	0.0	-381.0
B401	354	GEO_Eqn_6.12b_nls07	2945.45	0.0	-148.0	0.0	28.0	0.0	-306.0
B401	354	GEO_Eqn_6.12b_nls07	3436.36	0.0	-138.0	0.0	28.0	0.0	-235.0
B401	354	GEO_Eqn_6.12b_nls07	3927.27	0.0	-129.0	0.0	28.0	0.0	-170.0
B401	354	GEO_Eqn_6.12b_nls07	4418.18	0.0	-119.0	0.0	28.0	0.0	-109.0
B401	354	GEO_Eqn_6.12b_nls07	4909.09	0.0	-110.0	0.0	28.0	0.0	-53.0
B401	354	GEO_Eqn_6.12b_nls07	5400	0.0	-100.0	0.0	28.0	0.0	-1.0
B401	354	GEO_Eqn_6.12b_nls07	5400	0.0	-238.0	0.0	-26.0	0.0	-256.0
B401	354	GEO_Eqn_6.12b_nls07	5890.91	0.0	-228.0	0.0	-26.0	0.0	-141.0
B401	354	GEO_Eqn_6.12b_nls07	6381.82	0.0	-219.0	0.0	-26.0	0.0	-31.0
B401	354	GEO_Eqn_6.12b_nls07	6872.73	0.0	-209.0	0.0	-26.0	0.0	74.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B401	354	GEO_Eqn_6.12b_nls07	7363.64	0.0	-200.0	0.0	-26.0	0.0	174.0
B401	354	GEO_Eqn_6.12b_nls07	7854.55	0.0	-190.0	0.0	-26.0	0.0	270.0
B401	354	GEO_Eqn_6.12b_nls07	8345.45	0.0	-181.0	0.0	-26.0	0.0	361.0
B401	354	GEO_Eqn_6.12b_nls07	8836.36	0.0	-171.0	0.0	-26.0	0.0	447.0
B401	354	GEO_Eqn_6.12b_nls07	9327.27	0.0	-161.0	0.0	-26.0	0.0	528.0
B401	354	GEO_Eqn_6.12b_nls07	9818.18	0.0	-152.0	0.0	-26.0	0.0	605.0
B401	354	GEO_Eqn_6.12b_nls07	10309.09	0.0	-142.0	0.0	-26.0	0.0	678.0
B401	354	GEO_Eqn_6.12b_nls07	10800	0.0	-133.0	0.0	-26.0	0.0	745.0
B401	354	GEO_Eqn_6.12b_nls08	0	0.0	-261.0	0.0	36.0	0.0	-1021.0
B401	354	GEO_Eqn_6.12b_nls08	490.91	0.0	-251.0	0.0	36.0	0.0	-896.0
B401	354	GEO_Eqn_6.12b_nls08	981.82	0.0	-242.0	0.0	36.0	0.0	-775.0
B401	354	GEO_Eqn_6.12b_nls08	1472.73	0.0	-232.0	0.0	36.0	0.0	-658.0
B401	354	GEO_Eqn_6.12b_nls08	1963.64	0.0	-223.0	0.0	36.0	0.0	-546.0
B401	354	GEO_Eqn_6.12b_nls08	2454.55	0.0	-213.0	0.0	36.0	0.0	-440.0
B401	354	GEO_Eqn_6.12b_nls08	2945.45	0.0	-204.0	0.0	36.0	0.0	-337.0
B401	354	GEO_Eqn_6.12b_nls08	3436.36	0.0	-194.0	0.0	36.0	0.0	-240.0
B401	354	GEO_Eqn_6.12b_nls08	3927.27	0.0	-184.0	0.0	36.0	0.0	-147.0
B401	354	GEO_Eqn_6.12b_nls08	4418.18	0.0	-175.0	0.0	36.0	0.0	-59.0
B401	354	GEO_Eqn_6.12b_nls08	4909.09	0.0	-165.0	0.0	36.0	0.0	25.0
B401	354	GEO_Eqn_6.12b_nls08	5400	0.0	-156.0	0.0	36.0	0.0	104.0
B401	354	GEO_Eqn_6.12b_nls08	5400	0.0	-240.0	0.0	-7.0	0.0	-187.0
B401	354	GEO_Eqn_6.12b_nls08	5890.91	0.0	-231.0	0.0	-7.0	0.0	-72.0
B401	354	GEO_Eqn_6.12b_nls08	6381.82	0.0	-221.0	0.0	-7.0	0.0	39.0
B401	354	GEO_Eqn_6.12b_nls08	6872.73	0.0	-212.0	0.0	-7.0	0.0	146.0
B401	354	GEO_Eqn_6.12b_nls08	7363.64	0.0	-202.0	0.0	-7.0	0.0	247.0
B401	354	GEO_Eqn_6.12b_nls08	7854.55	0.0	-193.0	0.0	-7.0	0.0	344.0
B401	354	GEO_Eqn_6.12b_nls08	8345.45	0.0	-183.0	0.0	-7.0	0.0	436.0
B401	354	GEO_Eqn_6.12b_nls08	8836.36	0.0	-173.0	0.0	-7.0	0.0	524.0
B401	354	GEO_Eqn_6.12b_nls08	9327.27	0.0	-164.0	0.0	-7.0	0.0	607.0
B401	354	GEO_Eqn_6.12b_nls08	9818.18	0.0	-154.0	0.0	-7.0	0.0	685.0
B401	354	GEO_Eqn_6.12b_nls08	10309.09	0.0	-145.0	0.0	-7.0	0.0	758.0
B401	354	GEO_Eqn_6.12b_nls08	10800	0.0	-135.0	0.0	-7.0	0.0	827.0
B401	354	GEO_Eqn_6.12b_nls09	0	0.0	72.0	0.0	-1.0	0.0	418.0
B401	354	GEO_Eqn_6.12b_nls09	490.91	0.0	82.0	0.0	-1.0	0.0	380.0
B401	354	GEO_Eqn_6.12b_nls09	981.82	0.0	91.0	0.0	-1.0	0.0	338.0
B401	354	GEO_Eqn_6.12b_nls09	1472.73	0.0	101.0	0.0	-1.0	0.0	291.0
B401	354	GEO_Eqn_6.12b_nls09	1963.64	0.0	110.0	0.0	-1.0	0.0	239.0
B401	354	GEO_Eqn_6.12b_nls09	2454.55	0.0	120.0	0.0	-1.0	0.0	182.0
B401	354	GEO_Eqn_6.12b_nls09	2945.45	0.0	129.0	0.0	-1.0	0.0	121.0
B401	354	GEO_Eqn_6.12b_nls09	3436.36	0.0	139.0	0.0	-1.0	0.0	55.0
B401	354	GEO_Eqn_6.12b_nls09	3927.27	0.0	149.0	0.0	-1.0	0.0	-15.0
B401	354	GEO_Eqn_6.12b_nls09	4418.18	0.0	158.0	0.0	-1.0	0.0	-91.0
B401	354	GEO_Eqn_6.12b_nls09	4909.09	0.0	168.0	0.0	-1.0	0.0	-171.0
B401	354	GEO_Eqn_6.12b_nls09	5400	0.0	177.0	0.0	-1.0	0.0	-255.0
B401	354	GEO_Eqn_6.12b_nls09	5400	0.0	7.0	0.0	-69.0	0.0	-128.0
B401	354	GEO_Eqn_6.12b_nls09	5890.91	0.0	17.0	0.0	-69.0	0.0	-133.0
B401	354	GEO_Eqn_6.12b_nls09	6381.82	0.0	26.0	0.0	-69.0	0.0	-144.0
B401	354	GEO_Eqn_6.12b_nls09	6872.73	0.0	36.0	0.0	-69.0	0.0	-159.0
B401	354	GEO_Eqn_6.12b_nls09	7363.64	0.0	45.0	0.0	-69.0	0.0	-179.0
B401	354	GEO_Eqn_6.12b_nls09	7854.55	0.0	55.0	0.0	-69.0	0.0	-203.0
B401	354	GEO_Eqn_6.12b_nls09	8345.45	0.0	64.0	0.0	-69.0	0.0	-233.0
B401	354	GEO_Eqn_6.12b_nls09	8836.36	0.0	74.0	0.0	-69.0	0.0	-267.0
B401	354	GEO_Eqn_6.12b_nls09	9327.27	0.0	84.0	0.0	-69.0	0.0	-305.0
B401	354	GEO_Eqn_6.12b_nls09	9818.18	0.0	93.0	0.0	-69.0	0.0	-349.0
B401	354	GEO_Eqn_6.12b_nls09	10309.09	0.0	103.0	0.0	-69.0	0.0	-397.0
B401	354	GEO_Eqn_6.12b_nls09	10800	0.0	112.0	0.0	-69.0	0.0	-449.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B401	354	GEO_Eqn_6.12b_nls10	0	0.0	-40.0	0.0	7.0	0.0	-114.0
B401	354	GEO_Eqn_6.12b_nls10	490.91	0.0	-31.0	0.0	7.0	0.0	-96.0
B401	354	GEO_Eqn_6.12b_nls10	981.82	0.0	-21.0	0.0	7.0	0.0	-84.0
B401	354	GEO_Eqn_6.12b_nls10	1472.73	0.0	-11.0	0.0	7.0	0.0	-76.0
B401	354	GEO_Eqn_6.12b_nls10	1963.64	0.0	-2.0	0.0	7.0	0.0	-72.0
B401	354	GEO_Eqn_6.12b_nls10	2454.55	0.0	8.0	0.0	7.0	0.0	-74.0
B401	354	GEO_Eqn_6.12b_nls10	2945.45	0.0	17.0	0.0	7.0	0.0	-80.0
B401	354	GEO_Eqn_6.12b_nls10	3436.36	0.0	27.0	0.0	7.0	0.0	-91.0
B401	354	GEO_Eqn_6.12b_nls10	3927.27	0.0	36.0	0.0	7.0	0.0	-106.0
B401	354	GEO_Eqn_6.12b_nls10	4418.18	0.0	46.0	0.0	7.0	0.0	-126.0
B401	354	GEO_Eqn_6.12b_nls10	4909.09	0.0	56.0	0.0	7.0	0.0	-151.0
B401	354	GEO_Eqn_6.12b_nls10	5400	0.0	65.0	0.0	7.0	0.0	-181.0
B401	354	GEO_Eqn_6.12b_nls10	5400	0.0	-118.0	0.0	-60.0	0.0	-231.0
B401	354	GEO_Eqn_6.12b_nls10	5890.91	0.0	-108.0	0.0	-60.0	0.0	-176.0
B401	354	GEO_Eqn_6.12b_nls10	6381.82	0.0	-99.0	0.0	-60.0	0.0	-125.0
B401	354	GEO_Eqn_6.12b_nls10	6872.73	0.0	-89.0	0.0	-60.0	0.0	-79.0
B401	354	GEO_Eqn_6.12b_nls10	7363.64	0.0	-79.0	0.0	-60.0	0.0	-38.0
B401	354	GEO_Eqn_6.12b_nls10	7854.55	0.0	-70.0	0.0	-60.0	0.0	-1.0
B401	354	GEO_Eqn_6.12b_nls10	8345.45	0.0	-60.0	0.0	-60.0	0.0	31.0
B401	354	GEO_Eqn_6.12b_nls10	8836.36	0.0	-51.0	0.0	-60.0	0.0	58.0
B401	354	GEO_Eqn_6.12b_nls10	9327.27	0.0	-41.0	0.0	-60.0	0.0	81.0
B401	354	GEO_Eqn_6.12b_nls10	9818.18	0.0	-32.0	0.0	-60.0	0.0	99.0
B401	354	GEO_Eqn_6.12b_nls10	10309.09	0.0	-22.0	0.0	-60.0	0.0	112.0
B401	354	GEO_Eqn_6.12b_nls10	10800	0.0	-12.0	0.0	-60.0	0.0	120.0
B401	354	GEO_Eqn_6.12b_nls11	0	0.0	-68.0	0.0	26.0	0.0	-33.0
B401	354	GEO_Eqn_6.12b_nls11	490.91	0.0	-59.0	0.0	26.0	0.0	-2.0
B401	354	GEO_Eqn_6.12b_nls11	981.82	0.0	-49.0	0.0	26.0	0.0	25.0
B401	354	GEO_Eqn_6.12b_nls11	1472.73	0.0	-40.0	0.0	26.0	0.0	47.0
B401	354	GEO_Eqn_6.12b_nls11	1963.64	0.0	-30.0	0.0	26.0	0.0	64.0
B401	354	GEO_Eqn_6.12b_nls11	2454.55	0.0	-21.0	0.0	26.0	0.0	76.0
B401	354	GEO_Eqn_6.12b_nls11	2945.45	0.0	-11.0	0.0	26.0	0.0	84.0
B401	354	GEO_Eqn_6.12b_nls11	3436.36	0.0	-1.0	0.0	26.0	0.0	87.0
B401	354	GEO_Eqn_6.12b_nls11	3927.27	0.0	8.0	0.0	26.0	0.0	85.0
B401	354	GEO_Eqn_6.12b_nls11	4418.18	0.0	18.0	0.0	26.0	0.0	79.0
B401	354	GEO_Eqn_6.12b_nls11	4909.09	0.0	27.0	0.0	26.0	0.0	68.0
B401	354	GEO_Eqn_6.12b_nls11	5400	0.0	37.0	0.0	26.0	0.0	52.0
B401	354	GEO_Eqn_6.12b_nls11	5400	0.0	46.0	0.0	-4.0	0.0	130.0
B401	354	GEO_Eqn_6.12b_nls11	5890.91	0.0	55.0	0.0	-4.0	0.0	105.0
B401	354	GEO_Eqn_6.12b_nls11	6381.82	0.0	65.0	0.0	-4.0	0.0	75.0
B401	354	GEO_Eqn_6.12b_nls11	6872.73	0.0	74.0	0.0	-4.0	0.0	41.0
B401	354	GEO_Eqn_6.12b_nls11	7363.64	0.0	84.0	0.0	-4.0	0.0	2.0
B401	354	GEO_Eqn_6.12b_nls11	7854.55	0.0	94.0	0.0	-4.0	0.0	-41.0
B401	354	GEO_Eqn_6.12b_nls11	8345.45	0.0	103.0	0.0	-4.0	0.0	-90.0
B401	354	GEO_Eqn_6.12b_nls11	8836.36	0.0	113.0	0.0	-4.0	0.0	-143.0
B401	354	GEO_Eqn_6.12b_nls11	9327.27	0.0	122.0	0.0	-4.0	0.0	-200.0
B401	354	GEO_Eqn_6.12b_nls11	9818.18	0.0	132.0	0.0	-4.0	0.0	-263.0
B401	354	GEO_Eqn_6.12b_nls11	10309.09	0.0	141.0	0.0	-4.0	0.0	-330.0
B401	354	GEO_Eqn_6.12b_nls11	10800	0.0	151.0	0.0	-4.0	0.0	-402.0
B401	354	GEO_Eqn_6.12b_nls12	0	0.0	-186.0	0.0	33.0	0.0	-588.0
B401	354	GEO_Eqn_6.12b_nls12	490.91	0.0	-177.0	0.0	33.0	0.0	-499.0
B401	354	GEO_Eqn_6.12b_nls12	981.82	0.0	-167.0	0.0	33.0	0.0	-415.0
B401	354	GEO_Eqn_6.12b_nls12	1472.73	0.0	-157.0	0.0	33.0	0.0	-335.0
B401	354	GEO_Eqn_6.12b_nls12	1963.64	0.0	-148.0	0.0	33.0	0.0	-260.0
B401	354	GEO_Eqn_6.12b_nls12	2454.55	0.0	-138.0	0.0	33.0	0.0	-190.0
B401	354	GEO_Eqn_6.12b_nls12	2945.45	0.0	-129.0	0.0	33.0	0.0	-124.0
B401	354	GEO_Eqn_6.12b_nls12	3436.36	0.0	-119.0	0.0	33.0	0.0	-63.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B401	354	GEO_Eqn_6.12b_nls12	3927.27	0.0	-110.0	0.0	33.0	0.0	-7.0
B401	354	GEO_Eqn_6.12b_nls12	4418.18	0.0	-100.0	0.0	33.0	0.0	44.0
B401	354	GEO_Eqn_6.12b_nls12	4909.09	0.0	-90.0	0.0	33.0	0.0	91.0
B401	354	GEO_Eqn_6.12b_nls12	5400	0.0	-81.0	0.0	33.0	0.0	133.0
B401	354	GEO_Eqn_6.12b_nls12	5400	0.0	-82.0	0.0	6.0	0.0	27.0
B401	354	GEO_Eqn_6.12b_nls12	5890.91	0.0	-72.0	0.0	6.0	0.0	64.0
B401	354	GEO_Eqn_6.12b_nls12	6381.82	0.0	-63.0	0.0	6.0	0.0	98.0
B401	354	GEO_Eqn_6.12b_nls12	6872.73	0.0	-53.0	0.0	6.0	0.0	126.0
B401	354	GEO_Eqn_6.12b_nls12	7363.64	0.0	-44.0	0.0	6.0	0.0	150.0
B401	354	GEO_Eqn_6.12b_nls12	7854.55	0.0	-34.0	0.0	6.0	0.0	169.0
B401	354	GEO_Eqn_6.12b_nls12	8345.45	0.0	-25.0	0.0	6.0	0.0	183.0
B401	354	GEO_Eqn_6.12b_nls12	8836.36	0.0	-15.0	0.0	6.0	0.0	193.0
B401	354	GEO_Eqn_6.12b_nls12	9327.27	0.0	-5.0	0.0	6.0	0.0	198.0
B401	354	GEO_Eqn_6.12b_nls12	9818.18	0.0	4.0	0.0	6.0	0.0	198.0
B401	354	GEO_Eqn_6.12b_nls12	10309.09	0.0	14.0	0.0	6.0	0.0	194.0
B401	354	GEO_Eqn_6.12b_nls12	10800	0.0	23.0	0.0	6.0	0.0	185.0
B401	354	GEO_Eqn_6.12b_nls13	0	0.0	110.0	0.0	7.0	0.0	595.0
B401	354	GEO_Eqn_6.12b_nls13	490.91	0.0	120.0	0.0	7.0	0.0	539.0
B401	354	GEO_Eqn_6.12b_nls13	981.82	0.0	129.0	0.0	7.0	0.0	478.0
B401	354	GEO_Eqn_6.12b_nls13	1472.73	0.0	139.0	0.0	7.0	0.0	412.0
B401	354	GEO_Eqn_6.12b_nls13	1963.64	0.0	148.0	0.0	7.0	0.0	341.0
B401	354	GEO_Eqn_6.12b_nls13	2454.55	0.0	158.0	0.0	7.0	0.0	266.0
B401	354	GEO_Eqn_6.12b_nls13	2945.45	0.0	167.0	0.0	7.0	0.0	186.0
B401	354	GEO_Eqn_6.12b_nls13	3436.36	0.0	177.0	0.0	7.0	0.0	102.0
B401	354	GEO_Eqn_6.12b_nls13	3927.27	0.0	187.0	0.0	7.0	0.0	13.0
B401	354	GEO_Eqn_6.12b_nls13	4418.18	0.0	196.0	0.0	7.0	0.0	-81.0
B401	354	GEO_Eqn_6.12b_nls13	4909.09	0.0	206.0	0.0	7.0	0.0	-180.0
B401	354	GEO_Eqn_6.12b_nls13	5400	0.0	215.0	0.0	7.0	0.0	-283.0
B401	354	GEO_Eqn_6.12b_nls13	5400	0.0	50.0	0.0	-63.0	0.0	-88.0
B401	354	GEO_Eqn_6.12b_nls13	5890.91	0.0	60.0	0.0	-63.0	0.0	-115.0
B401	354	GEO_Eqn_6.12b_nls13	6381.82	0.0	69.0	0.0	-63.0	0.0	-147.0
B401	354	GEO_Eqn_6.12b_nls13	6872.73	0.0	79.0	0.0	-63.0	0.0	-183.0
B401	354	GEO_Eqn_6.12b_nls13	7363.64	0.0	88.0	0.0	-63.0	0.0	-224.0
B401	354	GEO_Eqn_6.12b_nls13	7854.55	0.0	98.0	0.0	-63.0	0.0	-270.0
B401	354	GEO_Eqn_6.12b_nls13	8345.45	0.0	108.0	0.0	-63.0	0.0	-320.0
B401	354	GEO_Eqn_6.12b_nls13	8836.36	0.0	117.0	0.0	-63.0	0.0	-375.0
B401	354	GEO_Eqn_6.12b_nls13	9327.27	0.0	127.0	0.0	-63.0	0.0	-435.0
B401	354	GEO_Eqn_6.12b_nls13	9818.18	0.0	136.0	0.0	-63.0	0.0	-500.0
B401	354	GEO_Eqn_6.12b_nls13	10309.09	0.0	146.0	0.0	-63.0	0.0	-569.0
B401	354	GEO_Eqn_6.12b_nls13	10800	0.0	155.0	0.0	-63.0	0.0	-643.0
B401	354	GEO_Eqn_6.12b_nls14	0	0.0	-1.0	0.0	16.0	0.0	74.0
B401	354	GEO_Eqn_6.12b_nls14	490.91	0.0	9.0	0.0	16.0	0.0	72.0
B401	354	GEO_Eqn_6.12b_nls14	981.82	0.0	18.0	0.0	16.0	0.0	66.0
B401	354	GEO_Eqn_6.12b_nls14	1472.73	0.0	28.0	0.0	16.0	0.0	54.0
B401	354	GEO_Eqn_6.12b_nls14	1963.64	0.0	37.0	0.0	16.0	0.0	38.0
B401	354	GEO_Eqn_6.12b_nls14	2454.55	0.0	47.0	0.0	16.0	0.0	18.0
B401	354	GEO_Eqn_6.12b_nls14	2945.45	0.0	57.0	0.0	16.0	0.0	-8.0
B401	354	GEO_Eqn_6.12b_nls14	3436.36	0.0	66.0	0.0	16.0	0.0	-38.0
B401	354	GEO_Eqn_6.12b_nls14	3927.27	0.0	76.0	0.0	16.0	0.0	-73.0
B401	354	GEO_Eqn_6.12b_nls14	4418.18	0.0	85.0	0.0	16.0	0.0	-112.0
B401	354	GEO_Eqn_6.12b_nls14	4909.09	0.0	95.0	0.0	16.0	0.0	-156.0
B401	354	GEO_Eqn_6.12b_nls14	5400	0.0	104.0	0.0	16.0	0.0	-205.0
B401	354	GEO_Eqn_6.12b_nls14	5400	0.0	-68.0	0.0	-53.0	0.0	-182.0
B401	354	GEO_Eqn_6.12b_nls14	5890.91	0.0	-59.0	0.0	-53.0	0.0	-150.0
B401	354	GEO_Eqn_6.12b_nls14	6381.82	0.0	-49.0	0.0	-53.0	0.0	-124.0
B401	354	GEO_Eqn_6.12b_nls14	6872.73	0.0	-40.0	0.0	-53.0	0.0	-102.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B401	354	GEO_Eqn_6.12b_nls14	7363.64	0.0	-30.0	0.0	-53.0	0.0	-85.0
B401	354	GEO_Eqn_6.12b_nls14	7854.55	0.0	-21.0	0.0	-53.0	0.0	-72.0
B401	354	GEO_Eqn_6.12b_nls14	8345.45	0.0	-11.0	0.0	-53.0	0.0	-65.0
B401	354	GEO_Eqn_6.12b_nls14	8836.36	0.0	-1.0	0.0	-53.0	0.0	-62.0
B401	354	GEO_Eqn_6.12b_nls14	9327.27	0.0	8.0	0.0	-53.0	0.0	-63.0
B401	354	GEO_Eqn_6.12b_nls14	9818.18	0.0	18.0	0.0	-53.0	0.0	-70.0
B401	354	GEO_Eqn_6.12b_nls14	10309.09	0.0	27.0	0.0	-53.0	0.0	-81.0
B401	354	GEO_Eqn_6.12b_nls14	10800	0.0	37.0	0.0	-53.0	0.0	-96.0
B401	354	GEO_Eqn_6.12b_nls15	0	0.0	-99.0	0.0	20.0	0.0	-178.0
B401	354	GEO_Eqn_6.12b_nls15	490.91	0.0	-90.0	0.0	20.0	0.0	-131.0
B401	354	GEO_Eqn_6.12b_nls15	981.82	0.0	-80.0	0.0	20.0	0.0	-90.0
B401	354	GEO_Eqn_6.12b_nls15	1472.73	0.0	-70.0	0.0	20.0	0.0	-53.0
B401	354	GEO_Eqn_6.12b_nls15	1963.64	0.0	-61.0	0.0	20.0	0.0	-21.0
B401	354	GEO_Eqn_6.12b_nls15	2454.55	0.0	-51.0	0.0	20.0	0.0	7.0
B401	354	GEO_Eqn_6.12b_nls15	2945.45	0.0	-42.0	0.0	20.0	0.0	30.0
B401	354	GEO_Eqn_6.12b_nls15	3436.36	0.0	-32.0	0.0	20.0	0.0	48.0
B401	354	GEO_Eqn_6.12b_nls15	3927.27	0.0	-23.0	0.0	20.0	0.0	61.0
B401	354	GEO_Eqn_6.12b_nls15	4418.18	0.0	-13.0	0.0	20.0	0.0	70.0
B401	354	GEO_Eqn_6.12b_nls15	4909.09	0.0	-3.0	0.0	20.0	0.0	74.0
B401	354	GEO_Eqn_6.12b_nls15	5400	0.0	6.0	0.0	20.0	0.0	73.0
B401	354	GEO_Eqn_6.12b_nls15	5400	0.0	9.0	0.0	-8.0	0.0	95.0
B401	354	GEO_Eqn_6.12b_nls15	5890.91	0.0	19.0	0.0	-8.0	0.0	89.0
B401	354	GEO_Eqn_6.12b_nls15	6381.82	0.0	28.0	0.0	-8.0	0.0	77.0
B401	354	GEO_Eqn_6.12b_nls15	6872.73	0.0	38.0	0.0	-8.0	0.0	61.0
B401	354	GEO_Eqn_6.12b_nls15	7363.64	0.0	48.0	0.0	-8.0	0.0	40.0
B401	354	GEO_Eqn_6.12b_nls15	7854.55	0.0	57.0	0.0	-8.0	0.0	14.0
B401	354	GEO_Eqn_6.12b_nls15	8345.45	0.0	67.0	0.0	-8.0	0.0	-16.0
B401	354	GEO_Eqn_6.12b_nls15	8836.36	0.0	76.0	0.0	-8.0	0.0	-51.0
B401	354	GEO_Eqn_6.12b_nls15	9327.27	0.0	86.0	0.0	-8.0	0.0	-91.0
B401	354	GEO_Eqn_6.12b_nls15	9818.18	0.0	95.0	0.0	-8.0	0.0	-136.0
B401	354	GEO_Eqn_6.12b_nls15	10309.09	0.0	105.0	0.0	-8.0	0.0	-185.0
B401	354	GEO_Eqn_6.12b_nls15	10800	0.0	115.0	0.0	-8.0	0.0	-239.0
B401	354	GEO_Eqn_6.12b_nls16	0	0.0	-241.0	0.0	22.0	0.0	-833.0
B401	354	GEO_Eqn_6.12b_nls16	490.91	0.0	-232.0	0.0	22.0	0.0	-717.0
B401	354	GEO_Eqn_6.12b_nls16	981.82	0.0	-222.0	0.0	22.0	0.0	-605.0
B401	354	GEO_Eqn_6.12b_nls16	1472.73	0.0	-213.0	0.0	22.0	0.0	-499.0
B401	354	GEO_Eqn_6.12b_nls16	1963.64	0.0	-203.0	0.0	22.0	0.0	-396.0
B401	354	GEO_Eqn_6.12b_nls16	2454.55	0.0	-194.0	0.0	22.0	0.0	-299.0
B401	354	GEO_Eqn_6.12b_nls16	2945.45	0.0	-184.0	0.0	22.0	0.0	-206.0
B401	354	GEO_Eqn_6.12b_nls16	3436.36	0.0	-174.0	0.0	22.0	0.0	-118.0
B401	354	GEO_Eqn_6.12b_nls16	3927.27	0.0	-165.0	0.0	22.0	0.0	-35.0
B401	354	GEO_Eqn_6.12b_nls16	4418.18	0.0	-155.0	0.0	22.0	0.0	44.0
B401	354	GEO_Eqn_6.12b_nls16	4909.09	0.0	-146.0	0.0	22.0	0.0	117.0
B401	354	GEO_Eqn_6.12b_nls16	5400	0.0	-136.0	0.0	22.0	0.0	187.0
B401	354	GEO_Eqn_6.12b_nls16	5400	0.0	-123.0	0.0	1.0	0.0	6.0
B401	354	GEO_Eqn_6.12b_nls16	5890.91	0.0	-113.0	0.0	1.0	0.0	64.0
B401	354	GEO_Eqn_6.12b_nls16	6381.82	0.0	-104.0	0.0	1.0	0.0	117.0
B401	354	GEO_Eqn_6.12b_nls16	6872.73	0.0	-94.0	0.0	1.0	0.0	165.0
B401	354	GEO_Eqn_6.12b_nls16	7363.64	0.0	-84.0	0.0	1.0	0.0	209.0
B401	354	GEO_Eqn_6.12b_nls16	7854.55	0.0	-75.0	0.0	1.0	0.0	248.0
B401	354	GEO_Eqn_6.12b_nls16	8345.45	0.0	-65.0	0.0	1.0	0.0	283.0
B401	354	GEO_Eqn_6.12b_nls16	8836.36	0.0	-56.0	0.0	1.0	0.0	313.0
B401	354	GEO_Eqn_6.12b_nls16	9327.27	0.0	-46.0	0.0	1.0	0.0	338.0
B401	354	GEO_Eqn_6.12b_nls16	9818.18	0.0	-37.0	0.0	1.0	0.0	358.0
B401	354	GEO_Eqn_6.12b_nls16	10309.09	0.0	-27.0	0.0	1.0	0.0	374.0
B401	354	GEO_Eqn_6.12b_nls16	10800	0.0	-17.0	0.0	1.0	0.0	384.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B402	359	GEO_Eqn_6.12b_nls01	0	0.0	-53.0	0.0	10.0	0.0	14.0
B402	359	GEO_Eqn_6.12b_nls01	490.91	0.0	-46.0	0.0	10.0	0.0	38.0
B402	359	GEO_Eqn_6.12b_nls01	981.82	0.0	-38.0	0.0	10.0	0.0	58.0
B402	359	GEO_Eqn_6.12b_nls01	1472.73	0.0	-31.0	0.0	10.0	0.0	75.0
B402	359	GEO_Eqn_6.12b_nls01	1963.64	0.0	-23.0	0.0	10.0	0.0	89.0
B402	359	GEO_Eqn_6.12b_nls01	2454.55	0.0	-16.0	0.0	10.0	0.0	98.0
B402	359	GEO_Eqn_6.12b_nls01	2945.45	0.0	-9.0	0.0	10.0	0.0	104.0
B402	359	GEO_Eqn_6.12b_nls01	3436.36	0.0	-1.0	0.0	10.0	0.0	107.0
B402	359	GEO_Eqn_6.12b_nls01	3927.27	0.0	6.0	0.0	10.0	0.0	106.0
B402	359	GEO_Eqn_6.12b_nls01	4418.18	0.0	13.0	0.0	10.0	0.0	101.0
B402	359	GEO_Eqn_6.12b_nls01	4909.09	0.0	21.0	0.0	10.0	0.0	93.0
B402	359	GEO_Eqn_6.12b_nls01	5400	0.0	28.0	0.0	10.0	0.0	81.0
B402	359	GEO_Eqn_6.12b_nls01	5400	0.0	95.0	0.0	21.0	0.0	240.0
B402	359	GEO_Eqn_6.12b_nls01	5890.91	0.0	102.0	0.0	21.0	0.0	191.0
B402	359	GEO_Eqn_6.12b_nls01	6381.82	0.0	110.0	0.0	21.0	0.0	139.0
B402	359	GEO_Eqn_6.12b_nls01	6872.73	0.0	117.0	0.0	21.0	0.0	84.0
B402	359	GEO_Eqn_6.12b_nls01	7363.64	0.0	124.0	0.0	21.0	0.0	24.0
B402	359	GEO_Eqn_6.12b_nls01	7854.55	0.0	132.0	0.0	21.0	0.0	-38.0
B402	359	GEO_Eqn_6.12b_nls01	8345.45	0.0	139.0	0.0	21.0	0.0	-105.0
B402	359	GEO_Eqn_6.12b_nls01	8836.36	0.0	146.0	0.0	21.0	0.0	-175.0
B402	359	GEO_Eqn_6.12b_nls01	9327.27	0.0	154.0	0.0	21.0	0.0	-249.0
B402	359	GEO_Eqn_6.12b_nls01	9818.18	0.0	161.0	0.0	21.0	0.0	-326.0
B402	359	GEO_Eqn_6.12b_nls01	10309.09	0.0	169.0	0.0	21.0	0.0	-407.0
B402	359	GEO_Eqn_6.12b_nls01	10800	0.0	176.0	0.0	21.0	0.0	-491.0
B402	359	GEO_Eqn_6.12b_nls02	0	0.0	-51.0	0.0	19.0	0.0	18.0
B402	359	GEO_Eqn_6.12b_nls02	490.91	0.0	-44.0	0.0	19.0	0.0	41.0
B402	359	GEO_Eqn_6.12b_nls02	981.82	0.0	-37.0	0.0	19.0	0.0	61.0
B402	359	GEO_Eqn_6.12b_nls02	1472.73	0.0	-29.0	0.0	19.0	0.0	77.0
B402	359	GEO_Eqn_6.12b_nls02	1963.64	0.0	-22.0	0.0	19.0	0.0	89.0
B402	359	GEO_Eqn_6.12b_nls02	2454.55	0.0	-14.0	0.0	19.0	0.0	98.0
B402	359	GEO_Eqn_6.12b_nls02	2945.45	0.0	-7.0	0.0	19.0	0.0	104.0
B402	359	GEO_Eqn_6.12b_nls02	3436.36	0.0	0.3	0.0	19.0	0.0	105.0
B402	359	GEO_Eqn_6.12b_nls02	3927.27	0.0	8.0	0.0	19.0	0.0	103.0
B402	359	GEO_Eqn_6.12b_nls02	4418.18	0.0	15.0	0.0	19.0	0.0	98.0
B402	359	GEO_Eqn_6.12b_nls02	4909.09	0.0	22.0	0.0	19.0	0.0	89.0
B402	359	GEO_Eqn_6.12b_nls02	5400	0.0	30.0	0.0	19.0	0.0	76.0
B402	359	GEO_Eqn_6.12b_nls02	5400	0.0	105.0	0.0	21.0	0.0	252.0
B402	359	GEO_Eqn_6.12b_nls02	5890.91	0.0	112.0	0.0	21.0	0.0	199.0
B402	359	GEO_Eqn_6.12b_nls02	6381.82	0.0	120.0	0.0	21.0	0.0	142.0
B402	359	GEO_Eqn_6.12b_nls02	6872.73	0.0	127.0	0.0	21.0	0.0	81.0
B402	359	GEO_Eqn_6.12b_nls02	7363.64	0.0	134.0	0.0	21.0	0.0	17.0
B402	359	GEO_Eqn_6.12b_nls02	7854.55	0.0	142.0	0.0	21.0	0.0	-51.0
B402	359	GEO_Eqn_6.12b_nls02	8345.45	0.0	149.0	0.0	21.0	0.0	-122.0
B402	359	GEO_Eqn_6.12b_nls02	8836.36	0.0	157.0	0.0	21.0	0.0	-197.0
B402	359	GEO_Eqn_6.12b_nls02	9327.27	0.0	164.0	0.0	21.0	0.0	-276.0
B402	359	GEO_Eqn_6.12b_nls02	9818.18	0.0	171.0	0.0	21.0	0.0	-358.0
B402	359	GEO_Eqn_6.12b_nls02	10309.09	0.0	179.0	0.0	21.0	0.0	-444.0
B402	359	GEO_Eqn_6.12b_nls02	10800	0.0	186.0	0.0	21.0	0.0	-534.0
B402	359	GEO_Eqn_6.12b_nls03	0	0.0	-153.0	0.0	-29.0	0.0	-440.0
B402	359	GEO_Eqn_6.12b_nls03	490.91	0.0	-146.0	0.0	-29.0	0.0	-367.0
B402	359	GEO_Eqn_6.12b_nls03	981.82	0.0	-138.0	0.0	-29.0	0.0	-297.0
B402	359	GEO_Eqn_6.12b_nls03	1472.73	0.0	-131.0	0.0	-29.0	0.0	-231.0
B402	359	GEO_Eqn_6.12b_nls03	1963.64	0.0	-123.0	0.0	-29.0	0.0	-169.0
B402	359	GEO_Eqn_6.12b_nls03	2454.55	0.0	-116.0	0.0	-29.0	0.0	-110.0
B402	359	GEO_Eqn_6.12b_nls03	2945.45	0.0	-109.0	0.0	-29.0	0.0	-55.0
B402	359	GEO_Eqn_6.12b_nls03	3436.36	0.0	-101.0	0.0	-29.0	0.0	-3.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B402	359	GEO_Eqn_6.12b_nls03	3927.27	0.0	-94.0	0.0	-29.0	0.0	45.0
B402	359	GEO_Eqn_6.12b_nls03	4418.18	0.0	-87.0	0.0	-29.0	0.0	89.0
B402	359	GEO_Eqn_6.12b_nls03	4909.09	0.0	-79.0	0.0	-29.0	0.0	130.0
B402	359	GEO_Eqn_6.12b_nls03	5400	0.0	-72.0	0.0	-29.0	0.0	167.0
B402	359	GEO_Eqn_6.12b_nls03	5400	0.0	-58.0	0.0	-22.0	0.0	-7.0
B402	359	GEO_Eqn_6.12b_nls03	5890.91	0.0	-51.0	0.0	-22.0	0.0	19.0
B402	359	GEO_Eqn_6.12b_nls03	6381.82	0.0	-43.0	0.0	-22.0	0.0	42.0
B402	359	GEO_Eqn_6.12b_nls03	6872.73	0.0	-36.0	0.0	-22.0	0.0	62.0
B402	359	GEO_Eqn_6.12b_nls03	7363.64	0.0	-29.0	0.0	-22.0	0.0	78.0
B402	359	GEO_Eqn_6.12b_nls03	7854.55	0.0	-21.0	0.0	-22.0	0.0	90.0
B402	359	GEO_Eqn_6.12b_nls03	8345.45	0.0	-14.0	0.0	-22.0	0.0	98.0
B402	359	GEO_Eqn_6.12b_nls03	8836.36	0.0	-6.0	0.0	-22.0	0.0	103.0
B402	359	GEO_Eqn_6.12b_nls03	9327.27	0.0	1.0	0.0	-22.0	0.0	105.0
B402	359	GEO_Eqn_6.12b_nls03	9818.18	0.0	8.0	0.0	-22.0	0.0	102.0
B402	359	GEO_Eqn_6.12b_nls03	10309.09	0.0	16.0	0.0	-22.0	0.0	97.0
B402	359	GEO_Eqn_6.12b_nls03	10800	0.0	23.0	0.0	-22.0	0.0	87.0
B402	359	GEO_Eqn_6.12b_nls04	0	0.0	-150.0	0.0	-12.0	0.0	-438.0
B402	359	GEO_Eqn_6.12b_nls04	490.91	0.0	-143.0	0.0	-12.0	0.0	-367.0
B402	359	GEO_Eqn_6.12b_nls04	981.82	0.0	-135.0	0.0	-12.0	0.0	-298.0
B402	359	GEO_Eqn_6.12b_nls04	1472.73	0.0	-128.0	0.0	-12.0	0.0	-234.0
B402	359	GEO_Eqn_6.12b_nls04	1963.64	0.0	-121.0	0.0	-12.0	0.0	-173.0
B402	359	GEO_Eqn_6.12b_nls04	2454.55	0.0	-113.0	0.0	-12.0	0.0	-115.0
B402	359	GEO_Eqn_6.12b_nls04	2945.45	0.0	-106.0	0.0	-12.0	0.0	-61.0
B402	359	GEO_Eqn_6.12b_nls04	3436.36	0.0	-99.0	0.0	-12.0	0.0	-11.0
B402	359	GEO_Eqn_6.12b_nls04	3927.27	0.0	-91.0	0.0	-12.0	0.0	36.0
B402	359	GEO_Eqn_6.12b_nls04	4418.18	0.0	-84.0	0.0	-12.0	0.0	79.0
B402	359	GEO_Eqn_6.12b_nls04	4909.09	0.0	-77.0	0.0	-12.0	0.0	118.0
B402	359	GEO_Eqn_6.12b_nls04	5400	0.0	-69.0	0.0	-12.0	0.0	154.0
B402	359	GEO_Eqn_6.12b_nls04	5400	0.0	-40.0	0.0	-22.0	0.0	10.0
B402	359	GEO_Eqn_6.12b_nls04	5890.91	0.0	-33.0	0.0	-22.0	0.0	28.0
B402	359	GEO_Eqn_6.12b_nls04	6381.82	0.0	-26.0	0.0	-22.0	0.0	42.0
B402	359	GEO_Eqn_6.12b_nls04	6872.73	0.0	-18.0	0.0	-22.0	0.0	53.0
B402	359	GEO_Eqn_6.12b_nls04	7363.64	0.0	-11.0	0.0	-22.0	0.0	60.0
B402	359	GEO_Eqn_6.12b_nls04	7854.55	0.0	-4.0	0.0	-22.0	0.0	64.0
B402	359	GEO_Eqn_6.12b_nls04	8345.45	0.0	4.0	0.0	-22.0	0.0	63.0
B402	359	GEO_Eqn_6.12b_nls04	8836.36	0.0	11.0	0.0	-22.0	0.0	60.0
B402	359	GEO_Eqn_6.12b_nls04	9327.27	0.0	19.0	0.0	-22.0	0.0	53.0
B402	359	GEO_Eqn_6.12b_nls04	9818.18	0.0	26.0	0.0	-22.0	0.0	42.0
B402	359	GEO_Eqn_6.12b_nls04	10309.09	0.0	33.0	0.0	-22.0	0.0	27.0
B402	359	GEO_Eqn_6.12b_nls04	10800	0.0	41.0	0.0	-22.0	0.0	9.0
B402	359	GEO_Eqn_6.12b_nls05	0	0.0	-50.0	0.0	9.0	0.0	26.0
B402	359	GEO_Eqn_6.12b_nls05	490.91	0.0	-43.0	0.0	9.0	0.0	48.0
B402	359	GEO_Eqn_6.12b_nls05	981.82	0.0	-36.0	0.0	9.0	0.0	68.0
B402	359	GEO_Eqn_6.12b_nls05	1472.73	0.0	-28.0	0.0	9.0	0.0	84.0
B402	359	GEO_Eqn_6.12b_nls05	1963.64	0.0	-21.0	0.0	9.0	0.0	96.0
B402	359	GEO_Eqn_6.12b_nls05	2454.55	0.0	-14.0	0.0	9.0	0.0	104.0
B402	359	GEO_Eqn_6.12b_nls05	2945.45	0.0	-6.0	0.0	9.0	0.0	109.0
B402	359	GEO_Eqn_6.12b_nls05	3436.36	0.0	1.0	0.0	9.0	0.0	110.0
B402	359	GEO_Eqn_6.12b_nls05	3927.27	0.0	8.0	0.0	9.0	0.0	108.0
B402	359	GEO_Eqn_6.12b_nls05	4418.18	0.0	16.0	0.0	9.0	0.0	102.0
B402	359	GEO_Eqn_6.12b_nls05	4909.09	0.0	23.0	0.0	9.0	0.0	92.0
B402	359	GEO_Eqn_6.12b_nls05	5400	0.0	31.0	0.0	9.0	0.0	79.0
B402	359	GEO_Eqn_6.12b_nls05	5400	0.0	100.0	0.0	20.0	0.0	250.0
B402	359	GEO_Eqn_6.12b_nls05	5890.91	0.0	107.0	0.0	20.0	0.0	200.0
B402	359	GEO_Eqn_6.12b_nls05	6381.82	0.0	115.0	0.0	20.0	0.0	145.0
B402	359	GEO_Eqn_6.12b_nls05	6872.73	0.0	122.0	0.0	20.0	0.0	87.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B402	359	GEO_Eqn_6.12b_nls05	7363.64	0.0	130.0	0.0	20.0	0.0	25.0
B402	359	GEO_Eqn_6.12b_nls05	7854.55	0.0	137.0	0.0	20.0	0.0	-40.0
B402	359	GEO_Eqn_6.12b_nls05	8345.45	0.0	144.0	0.0	20.0	0.0	-109.0
B402	359	GEO_Eqn_6.12b_nls05	8836.36	0.0	152.0	0.0	20.0	0.0	-182.0
B402	359	GEO_Eqn_6.12b_nls05	9327.27	0.0	159.0	0.0	20.0	0.0	-258.0
B402	359	GEO_Eqn_6.12b_nls05	9818.18	0.0	166.0	0.0	20.0	0.0	-338.0
B402	359	GEO_Eqn_6.12b_nls05	10309.09	0.0	174.0	0.0	20.0	0.0	-422.0
B402	359	GEO_Eqn_6.12b_nls05	10800	0.0	181.0	0.0	20.0	0.0	-509.0
B402	359	GEO_Eqn_6.12b_nls06	0	0.0	-47.0	0.0	26.0	0.0	34.0
B402	359	GEO_Eqn_6.12b_nls06	490.91	0.0	-40.0	0.0	26.0	0.0	55.0
B402	359	GEO_Eqn_6.12b_nls06	981.82	0.0	-32.0	0.0	26.0	0.0	73.0
B402	359	GEO_Eqn_6.12b_nls06	1472.73	0.0	-25.0	0.0	26.0	0.0	87.0
B402	359	GEO_Eqn_6.12b_nls06	1963.64	0.0	-18.0	0.0	26.0	0.0	97.0
B402	359	GEO_Eqn_6.12b_nls06	2454.55	0.0	-10.0	0.0	26.0	0.0	104.0
B402	359	GEO_Eqn_6.12b_nls06	2945.45	0.0	-3.0	0.0	26.0	0.0	107.0
B402	359	GEO_Eqn_6.12b_nls06	3436.36	0.0	4.0	0.0	26.0	0.0	107.0
B402	359	GEO_Eqn_6.12b_nls06	3927.27	0.0	12.0	0.0	26.0	0.0	103.0
B402	359	GEO_Eqn_6.12b_nls06	4418.18	0.0	19.0	0.0	26.0	0.0	95.0
B402	359	GEO_Eqn_6.12b_nls06	4909.09	0.0	27.0	0.0	26.0	0.0	84.0
B402	359	GEO_Eqn_6.12b_nls06	5400	0.0	34.0	0.0	26.0	0.0	69.0
B402	359	GEO_Eqn_6.12b_nls06	5400	0.0	121.0	0.0	21.0	0.0	276.0
B402	359	GEO_Eqn_6.12b_nls06	5890.91	0.0	128.0	0.0	21.0	0.0	215.0
B402	359	GEO_Eqn_6.12b_nls06	6381.82	0.0	135.0	0.0	21.0	0.0	151.0
B402	359	GEO_Eqn_6.12b_nls06	6872.73	0.0	143.0	0.0	21.0	0.0	82.0
B402	359	GEO_Eqn_6.12b_nls06	7363.64	0.0	150.0	0.0	21.0	0.0	10.0
B402	359	GEO_Eqn_6.12b_nls06	7854.55	0.0	158.0	0.0	21.0	0.0	-65.0
B402	359	GEO_Eqn_6.12b_nls06	8345.45	0.0	165.0	0.0	21.0	0.0	-144.0
B402	359	GEO_Eqn_6.12b_nls06	8836.36	0.0	172.0	0.0	21.0	0.0	-227.0
B402	359	GEO_Eqn_6.12b_nls06	9327.27	0.0	180.0	0.0	21.0	0.0	-313.0
B402	359	GEO_Eqn_6.12b_nls06	9818.18	0.0	187.0	0.0	21.0	0.0	-403.0
B402	359	GEO_Eqn_6.12b_nls06	10309.09	0.0	194.0	0.0	21.0	0.0	-497.0
B402	359	GEO_Eqn_6.12b_nls06	10800	0.0	202.0	0.0	21.0	0.0	-594.0
B402	359	GEO_Eqn_6.12b_nls07	0	0.0	-155.0	0.0	-28.0	0.0	-450.0
B402	359	GEO_Eqn_6.12b_nls07	490.91	0.0	-148.0	0.0	-28.0	0.0	-376.0
B402	359	GEO_Eqn_6.12b_nls07	981.82	0.0	-141.0	0.0	-28.0	0.0	-305.0
B402	359	GEO_Eqn_6.12b_nls07	1472.73	0.0	-133.0	0.0	-28.0	0.0	-238.0
B402	359	GEO_Eqn_6.12b_nls07	1963.64	0.0	-126.0	0.0	-28.0	0.0	-174.0
B402	359	GEO_Eqn_6.12b_nls07	2454.55	0.0	-119.0	0.0	-28.0	0.0	-114.0
B402	359	GEO_Eqn_6.12b_nls07	2945.45	0.0	-111.0	0.0	-28.0	0.0	-58.0
B402	359	GEO_Eqn_6.12b_nls07	3436.36	0.0	-104.0	0.0	-28.0	0.0	-5.0
B402	359	GEO_Eqn_6.12b_nls07	3927.27	0.0	-96.0	0.0	-28.0	0.0	44.0
B402	359	GEO_Eqn_6.12b_nls07	4418.18	0.0	-89.0	0.0	-28.0	0.0	90.0
B402	359	GEO_Eqn_6.12b_nls07	4909.09	0.0	-82.0	0.0	-28.0	0.0	132.0
B402	359	GEO_Eqn_6.12b_nls07	5400	0.0	-74.0	0.0	-28.0	0.0	170.0
B402	359	GEO_Eqn_6.12b_nls07	5400	0.0	-62.0	0.0	-21.0	0.0	-15.0
B402	359	GEO_Eqn_6.12b_nls07	5890.91	0.0	-55.0	0.0	-21.0	0.0	14.0
B402	359	GEO_Eqn_6.12b_nls07	6381.82	0.0	-47.0	0.0	-21.0	0.0	39.0
B402	359	GEO_Eqn_6.12b_nls07	6872.73	0.0	-40.0	0.0	-21.0	0.0	60.0
B402	359	GEO_Eqn_6.12b_nls07	7363.64	0.0	-33.0	0.0	-21.0	0.0	78.0
B402	359	GEO_Eqn_6.12b_nls07	7854.55	0.0	-25.0	0.0	-21.0	0.0	92.0
B402	359	GEO_Eqn_6.12b_nls07	8345.45	0.0	-18.0	0.0	-21.0	0.0	102.0
B402	359	GEO_Eqn_6.12b_nls07	8836.36	0.0	-10.0	0.0	-21.0	0.0	109.0
B402	359	GEO_Eqn_6.12b_nls07	9327.27	0.0	-3.0	0.0	-21.0	0.0	113.0
B402	359	GEO_Eqn_6.12b_nls07	9818.18	0.0	4.0	0.0	-21.0	0.0	112.0
B402	359	GEO_Eqn_6.12b_nls07	10309.09	0.0	12.0	0.0	-21.0	0.0	108.0
B402	359	GEO_Eqn_6.12b_nls07	10800	0.0	19.0	0.0	-21.0	0.0	101.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B402	359	GEO_Eqn_6.12b_nls08	0	0.0	-153.0	0.0	-10.0	0.0	-448.0
B402	359	GEO_Eqn_6.12b_nls08	490.91	0.0	-145.0	0.0	-10.0	0.0	-375.0
B402	359	GEO_Eqn_6.12b_nls08	981.82	0.0	-138.0	0.0	-10.0	0.0	-306.0
B402	359	GEO_Eqn_6.12b_nls08	1472.73	0.0	-130.0	0.0	-10.0	0.0	-240.0
B402	359	GEO_Eqn_6.12b_nls08	1963.64	0.0	-123.0	0.0	-10.0	0.0	-178.0
B402	359	GEO_Eqn_6.12b_nls08	2454.55	0.0	-116.0	0.0	-10.0	0.0	-119.0
B402	359	GEO_Eqn_6.12b_nls08	2945.45	0.0	-108.0	0.0	-10.0	0.0	-64.0
B402	359	GEO_Eqn_6.12b_nls08	3436.36	0.0	-101.0	0.0	-10.0	0.0	-13.0
B402	359	GEO_Eqn_6.12b_nls08	3927.27	0.0	-94.0	0.0	-10.0	0.0	35.0
B402	359	GEO_Eqn_6.12b_nls08	4418.18	0.0	-86.0	0.0	-10.0	0.0	79.0
B402	359	GEO_Eqn_6.12b_nls08	4909.09	0.0	-79.0	0.0	-10.0	0.0	120.0
B402	359	GEO_Eqn_6.12b_nls08	5400	0.0	-72.0	0.0	-10.0	0.0	157.0
B402	359	GEO_Eqn_6.12b_nls08	5400	0.0	-45.0	0.0	-21.0	0.0	2.0
B402	359	GEO_Eqn_6.12b_nls08	5890.91	0.0	-37.0	0.0	-21.0	0.0	22.0
B402	359	GEO_Eqn_6.12b_nls08	6381.82	0.0	-30.0	0.0	-21.0	0.0	38.0
B402	359	GEO_Eqn_6.12b_nls08	6872.73	0.0	-22.0	0.0	-21.0	0.0	51.0
B402	359	GEO_Eqn_6.12b_nls08	7363.64	0.0	-15.0	0.0	-21.0	0.0	60.0
B402	359	GEO_Eqn_6.12b_nls08	7854.55	0.0	-8.0	0.0	-21.0	0.0	66.0
B402	359	GEO_Eqn_6.12b_nls08	8345.45	0.0	-0.4	0.0	-21.0	0.0	68.0
B402	359	GEO_Eqn_6.12b_nls08	8836.36	0.0	7.0	0.0	-21.0	0.0	66.0
B402	359	GEO_Eqn_6.12b_nls08	9327.27	0.0	14.0	0.0	-21.0	0.0	61.0
B402	359	GEO_Eqn_6.12b_nls08	9818.18	0.0	22.0	0.0	-21.0	0.0	52.0
B402	359	GEO_Eqn_6.12b_nls08	10309.09	0.0	29.0	0.0	-21.0	0.0	40.0
B402	359	GEO_Eqn_6.12b_nls08	10800	0.0	36.0	0.0	-21.0	0.0	24.0
B402	359	GEO_Eqn_6.12b_nls09	0	0.0	-88.0	0.0	-24.0	0.0	-141.0
B402	359	GEO_Eqn_6.12b_nls09	490.91	0.0	-81.0	0.0	-24.0	0.0	-99.0
B402	359	GEO_Eqn_6.12b_nls09	981.82	0.0	-73.0	0.0	-24.0	0.0	-61.0
B402	359	GEO_Eqn_6.12b_nls09	1472.73	0.0	-66.0	0.0	-24.0	0.0	-27.0
B402	359	GEO_Eqn_6.12b_nls09	1963.64	0.0	-59.0	0.0	-24.0	0.0	3.0
B402	359	GEO_Eqn_6.12b_nls09	2454.55	0.0	-51.0	0.0	-24.0	0.0	30.0
B402	359	GEO_Eqn_6.12b_nls09	2945.45	0.0	-44.0	0.0	-24.0	0.0	54.0
B402	359	GEO_Eqn_6.12b_nls09	3436.36	0.0	-37.0	0.0	-24.0	0.0	74.0
B402	359	GEO_Eqn_6.12b_nls09	3927.27	0.0	-29.0	0.0	-24.0	0.0	90.0
B402	359	GEO_Eqn_6.12b_nls09	4418.18	0.0	-22.0	0.0	-24.0	0.0	102.0
B402	359	GEO_Eqn_6.12b_nls09	4909.09	0.0	-15.0	0.0	-24.0	0.0	111.0
B402	359	GEO_Eqn_6.12b_nls09	5400	0.0	-7.0	0.0	-24.0	0.0	117.0
B402	359	GEO_Eqn_6.12b_nls09	5400	0.0	24.0	0.0	5.0	0.0	132.0
B402	359	GEO_Eqn_6.12b_nls09	5890.91	0.0	31.0	0.0	5.0	0.0	119.0
B402	359	GEO_Eqn_6.12b_nls09	6381.82	0.0	39.0	0.0	5.0	0.0	102.0
B402	359	GEO_Eqn_6.12b_nls09	6872.73	0.0	46.0	0.0	5.0	0.0	81.0
B402	359	GEO_Eqn_6.12b_nls09	7363.64	0.0	53.0	0.0	5.0	0.0	56.0
B402	359	GEO_Eqn_6.12b_nls09	7854.55	0.0	61.0	0.0	5.0	0.0	28.0
B402	359	GEO_Eqn_6.12b_nls09	8345.45	0.0	68.0	0.0	5.0	0.0	-3.0
B402	359	GEO_Eqn_6.12b_nls09	8836.36	0.0	76.0	0.0	5.0	0.0	-39.0
B402	359	GEO_Eqn_6.12b_nls09	9327.27	0.0	83.0	0.0	5.0	0.0	-78.0
B402	359	GEO_Eqn_6.12b_nls09	9818.18	0.0	90.0	0.0	5.0	0.0	-120.0
B402	359	GEO_Eqn_6.12b_nls09	10309.09	0.0	98.0	0.0	5.0	0.0	-166.0
B402	359	GEO_Eqn_6.12b_nls09	10800	0.0	105.0	0.0	5.0	0.0	-216.0
B402	359	GEO_Eqn_6.12b_nls10	0	0.0	-136.0	0.0	-29.0	0.0	-339.0
B402	359	GEO_Eqn_6.12b_nls10	490.91	0.0	-129.0	0.0	-29.0	0.0	-274.0
B402	359	GEO_Eqn_6.12b_nls10	981.82	0.0	-121.0	0.0	-29.0	0.0	-213.0
B402	359	GEO_Eqn_6.12b_nls10	1472.73	0.0	-114.0	0.0	-29.0	0.0	-155.0
B402	359	GEO_Eqn_6.12b_nls10	1963.64	0.0	-106.0	0.0	-29.0	0.0	-101.0
B402	359	GEO_Eqn_6.12b_nls10	2454.55	0.0	-99.0	0.0	-29.0	0.0	-51.0
B402	359	GEO_Eqn_6.12b_nls10	2945.45	0.0	-92.0	0.0	-29.0	0.0	-4.0
B402	359	GEO_Eqn_6.12b_nls10	3436.36	0.0	-84.0	0.0	-29.0	0.0	39.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B402	359	GEO_Eqn_6.12b_nls10	3927.27	0.0	-77.0	0.0	-29.0	0.0	79.0
B402	359	GEO_Eqn_6.12b_nls10	4418.18	0.0	-70.0	0.0	-29.0	0.0	115.0
B402	359	GEO_Eqn_6.12b_nls10	4909.09	0.0	-62.0	0.0	-29.0	0.0	147.0
B402	359	GEO_Eqn_6.12b_nls10	5400	0.0	-55.0	0.0	-29.0	0.0	176.0
B402	359	GEO_Eqn_6.12b_nls10	5400	0.0	-20.0	0.0	-7.0	0.0	75.0
B402	359	GEO_Eqn_6.12b_nls10	5890.91	0.0	-13.0	0.0	-7.0	0.0	83.0
B402	359	GEO_Eqn_6.12b_nls10	6381.82	0.0	-6.0	0.0	-7.0	0.0	88.0
B402	359	GEO_Eqn_6.12b_nls10	6872.73	0.0	2.0	0.0	-7.0	0.0	89.0
B402	359	GEO_Eqn_6.12b_nls10	7363.64	0.0	9.0	0.0	-7.0	0.0	86.0
B402	359	GEO_Eqn_6.12b_nls10	7854.55	0.0	16.0	0.0	-7.0	0.0	80.0
B402	359	GEO_Eqn_6.12b_nls10	8345.45	0.0	24.0	0.0	-7.0	0.0	70.0
B402	359	GEO_Eqn_6.12b_nls10	8836.36	0.0	31.0	0.0	-7.0	0.0	57.0
B402	359	GEO_Eqn_6.12b_nls10	9327.27	0.0	38.0	0.0	-7.0	0.0	40.0
B402	359	GEO_Eqn_6.12b_nls10	9818.18	0.0	46.0	0.0	-7.0	0.0	19.0
B402	359	GEO_Eqn_6.12b_nls10	10309.09	0.0	53.0	0.0	-7.0	0.0	-5.0
B402	359	GEO_Eqn_6.12b_nls10	10800	0.0	60.0	0.0	-7.0	0.0	-33.0
B402	359	GEO_Eqn_6.12b_nls11	0	0.0	-81.0	0.0	35.0	0.0	-140.0
B402	359	GEO_Eqn_6.12b_nls11	490.91	0.0	-74.0	0.0	35.0	0.0	-102.0
B402	359	GEO_Eqn_6.12b_nls11	981.82	0.0	-66.0	0.0	35.0	0.0	-67.0
B402	359	GEO_Eqn_6.12b_nls11	1472.73	0.0	-59.0	0.0	35.0	0.0	-36.0
B402	359	GEO_Eqn_6.12b_nls11	1963.64	0.0	-52.0	0.0	35.0	0.0	-9.0
B402	359	GEO_Eqn_6.12b_nls11	2454.55	0.0	-44.0	0.0	35.0	0.0	14.0
B402	359	GEO_Eqn_6.12b_nls11	2945.45	0.0	-37.0	0.0	35.0	0.0	34.0
B402	359	GEO_Eqn_6.12b_nls11	3436.36	0.0	-30.0	0.0	35.0	0.0	51.0
B402	359	GEO_Eqn_6.12b_nls11	3927.27	0.0	-22.0	0.0	35.0	0.0	64.0
B402	359	GEO_Eqn_6.12b_nls11	4418.18	0.0	-15.0	0.0	35.0	0.0	73.0
B402	359	GEO_Eqn_6.12b_nls11	4909.09	0.0	-8.0	0.0	35.0	0.0	78.0
B402	359	GEO_Eqn_6.12b_nls11	5400	0.0	-0.2	0.0	35.0	0.0	80.0
B402	359	GEO_Eqn_6.12b_nls11	5400	0.0	77.0	0.0	8.0	0.0	184.0
B402	359	GEO_Eqn_6.12b_nls11	5890.91	0.0	85.0	0.0	8.0	0.0	145.0
B402	359	GEO_Eqn_6.12b_nls11	6381.82	0.0	92.0	0.0	8.0	0.0	101.0
B402	359	GEO_Eqn_6.12b_nls11	6872.73	0.0	99.0	0.0	8.0	0.0	54.0
B402	359	GEO_Eqn_6.12b_nls11	7363.64	0.0	107.0	0.0	8.0	0.0	4.0
B402	359	GEO_Eqn_6.12b_nls11	7854.55	0.0	114.0	0.0	8.0	0.0	-50.0
B402	359	GEO_Eqn_6.12b_nls11	8345.45	0.0	121.0	0.0	8.0	0.0	-108.0
B402	359	GEO_Eqn_6.12b_nls11	8836.36	0.0	129.0	0.0	8.0	0.0	-170.0
B402	359	GEO_Eqn_6.12b_nls11	9327.27	0.0	136.0	0.0	8.0	0.0	-235.0
B402	359	GEO_Eqn_6.12b_nls11	9818.18	0.0	143.0	0.0	8.0	0.0	-303.0
B402	359	GEO_Eqn_6.12b_nls11	10309.09	0.0	151.0	0.0	8.0	0.0	-375.0
B402	359	GEO_Eqn_6.12b_nls11	10800	0.0	158.0	0.0	8.0	0.0	-451.0
B402	359	GEO_Eqn_6.12b_nls12	0	0.0	-112.0	0.0	24.0	0.0	-280.0
B402	359	GEO_Eqn_6.12b_nls12	490.91	0.0	-104.0	0.0	24.0	0.0	-227.0
B402	359	GEO_Eqn_6.12b_nls12	981.82	0.0	-97.0	0.0	24.0	0.0	-178.0
B402	359	GEO_Eqn_6.12b_nls12	1472.73	0.0	-90.0	0.0	24.0	0.0	-132.0
B402	359	GEO_Eqn_6.12b_nls12	1963.64	0.0	-82.0	0.0	24.0	0.0	-89.0
B402	359	GEO_Eqn_6.12b_nls12	2454.55	0.0	-75.0	0.0	24.0	0.0	-51.0
B402	359	GEO_Eqn_6.12b_nls12	2945.45	0.0	-68.0	0.0	24.0	0.0	-16.0
B402	359	GEO_Eqn_6.12b_nls12	3436.36	0.0	-60.0	0.0	24.0	0.0	16.0
B402	359	GEO_Eqn_6.12b_nls12	3927.27	0.0	-53.0	0.0	24.0	0.0	43.0
B402	359	GEO_Eqn_6.12b_nls12	4418.18	0.0	-46.0	0.0	24.0	0.0	68.0
B402	359	GEO_Eqn_6.12b_nls12	4909.09	0.0	-38.0	0.0	24.0	0.0	88.0
B402	359	GEO_Eqn_6.12b_nls12	5400	0.0	-31.0	0.0	24.0	0.0	105.0
B402	359	GEO_Eqn_6.12b_nls12	5400	0.0	30.0	0.0	-4.0	0.0	106.0
B402	359	GEO_Eqn_6.12b_nls12	5890.91	0.0	37.0	0.0	-4.0	0.0	89.0
B402	359	GEO_Eqn_6.12b_nls12	6381.82	0.0	45.0	0.0	-4.0	0.0	69.0
B402	359	GEO_Eqn_6.12b_nls12	6872.73	0.0	52.0	0.0	-4.0	0.0	45.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B402	359	GEO_Eqn_6.12b_nls12	7363.64	0.0	60.0	0.0	-4.0	0.0	18.0
B402	359	GEO_Eqn_6.12b_nls12	7854.55	0.0	67.0	0.0	-4.0	0.0	-13.0
B402	359	GEO_Eqn_6.12b_nls12	8345.45	0.0	74.0	0.0	-4.0	0.0	-48.0
B402	359	GEO_Eqn_6.12b_nls12	8836.36	0.0	82.0	0.0	-4.0	0.0	-86.0
B402	359	GEO_Eqn_6.12b_nls12	9327.27	0.0	89.0	0.0	-4.0	0.0	-128.0
B402	359	GEO_Eqn_6.12b_nls12	9818.18	0.0	96.0	0.0	-4.0	0.0	-174.0
B402	359	GEO_Eqn_6.12b_nls12	10309.09	0.0	104.0	0.0	-4.0	0.0	-223.0
B402	359	GEO_Eqn_6.12b_nls12	10800	0.0	111.0	0.0	-4.0	0.0	-276.0
B402	359	GEO_Eqn_6.12b_nls13	0	0.0	-104.0	0.0	-17.0	0.0	-202.0
B402	359	GEO_Eqn_6.12b_nls13	490.91	0.0	-96.0	0.0	-17.0	0.0	-153.0
B402	359	GEO_Eqn_6.12b_nls13	981.82	0.0	-89.0	0.0	-17.0	0.0	-107.0
B402	359	GEO_Eqn_6.12b_nls13	1472.73	0.0	-81.0	0.0	-17.0	0.0	-66.0
B402	359	GEO_Eqn_6.12b_nls13	1963.64	0.0	-74.0	0.0	-17.0	0.0	-27.0
B402	359	GEO_Eqn_6.12b_nls13	2454.55	0.0	-67.0	0.0	-17.0	0.0	7.0
B402	359	GEO_Eqn_6.12b_nls13	2945.45	0.0	-59.0	0.0	-17.0	0.0	38.0
B402	359	GEO_Eqn_6.12b_nls13	3436.36	0.0	-52.0	0.0	-17.0	0.0	65.0
B402	359	GEO_Eqn_6.12b_nls13	3927.27	0.0	-45.0	0.0	-17.0	0.0	89.0
B402	359	GEO_Eqn_6.12b_nls13	4418.18	0.0	-37.0	0.0	-17.0	0.0	109.0
B402	359	GEO_Eqn_6.12b_nls13	4909.09	0.0	-30.0	0.0	-17.0	0.0	126.0
B402	359	GEO_Eqn_6.12b_nls13	5400	0.0	-23.0	0.0	-17.0	0.0	139.0
B402	359	GEO_Eqn_6.12b_nls13	5400	0.0	11.0	0.0	7.0	0.0	111.0
B402	359	GEO_Eqn_6.12b_nls13	5890.91	0.0	18.0	0.0	7.0	0.0	104.0
B402	359	GEO_Eqn_6.12b_nls13	6381.82	0.0	25.0	0.0	7.0	0.0	94.0
B402	359	GEO_Eqn_6.12b_nls13	6872.73	0.0	33.0	0.0	7.0	0.0	79.0
B402	359	GEO_Eqn_6.12b_nls13	7363.64	0.0	40.0	0.0	7.0	0.0	61.0
B402	359	GEO_Eqn_6.12b_nls13	7854.55	0.0	48.0	0.0	7.0	0.0	40.0
B402	359	GEO_Eqn_6.12b_nls13	8345.45	0.0	55.0	0.0	7.0	0.0	15.0
B402	359	GEO_Eqn_6.12b_nls13	8836.36	0.0	62.0	0.0	7.0	0.0	-14.0
B402	359	GEO_Eqn_6.12b_nls13	9327.27	0.0	70.0	0.0	7.0	0.0	-46.0
B402	359	GEO_Eqn_6.12b_nls13	9818.18	0.0	77.0	0.0	7.0	0.0	-82.0
B402	359	GEO_Eqn_6.12b_nls13	10309.09	0.0	84.0	0.0	7.0	0.0	-122.0
B402	359	GEO_Eqn_6.12b_nls13	10800	0.0	92.0	0.0	7.0	0.0	-165.0
B402	359	GEO_Eqn_6.12b_nls14	0	0.0	-154.0	0.0	-21.0	0.0	-406.0
B402	359	GEO_Eqn_6.12b_nls14	490.91	0.0	-147.0	0.0	-21.0	0.0	-332.0
B402	359	GEO_Eqn_6.12b_nls14	981.82	0.0	-139.0	0.0	-21.0	0.0	-262.0
B402	359	GEO_Eqn_6.12b_nls14	1472.73	0.0	-132.0	0.0	-21.0	0.0	-195.0
B402	359	GEO_Eqn_6.12b_nls14	1963.64	0.0	-125.0	0.0	-21.0	0.0	-132.0
B402	359	GEO_Eqn_6.12b_nls14	2454.55	0.0	-117.0	0.0	-21.0	0.0	-73.0
B402	359	GEO_Eqn_6.12b_nls14	2945.45	0.0	-110.0	0.0	-21.0	0.0	-17.0
B402	359	GEO_Eqn_6.12b_nls14	3436.36	0.0	-102.0	0.0	-21.0	0.0	35.0
B402	359	GEO_Eqn_6.12b_nls14	3927.27	0.0	-95.0	0.0	-21.0	0.0	83.0
B402	359	GEO_Eqn_6.12b_nls14	4418.18	0.0	-88.0	0.0	-21.0	0.0	128.0
B402	359	GEO_Eqn_6.12b_nls14	4909.09	0.0	-80.0	0.0	-21.0	0.0	169.0
B402	359	GEO_Eqn_6.12b_nls14	5400	0.0	-73.0	0.0	-21.0	0.0	207.0
B402	359	GEO_Eqn_6.12b_nls14	5400	0.0	-32.0	0.0	-4.0	0.0	62.0
B402	359	GEO_Eqn_6.12b_nls14	5890.91	0.0	-25.0	0.0	-4.0	0.0	76.0
B402	359	GEO_Eqn_6.12b_nls14	6381.82	0.0	-17.0	0.0	-4.0	0.0	86.0
B402	359	GEO_Eqn_6.12b_nls14	6872.73	0.0	-10.0	0.0	-4.0	0.0	93.0
B402	359	GEO_Eqn_6.12b_nls14	7363.64	0.0	-3.0	0.0	-4.0	0.0	96.0
B402	359	GEO_Eqn_6.12b_nls14	7854.55	0.0	5.0	0.0	-4.0	0.0	95.0
B402	359	GEO_Eqn_6.12b_nls14	8345.45	0.0	12.0	0.0	-4.0	0.0	91.0
B402	359	GEO_Eqn_6.12b_nls14	8836.36	0.0	19.0	0.0	-4.0	0.0	83.0
B402	359	GEO_Eqn_6.12b_nls14	9327.27	0.0	27.0	0.0	-4.0	0.0	72.0
B402	359	GEO_Eqn_6.12b_nls14	9818.18	0.0	34.0	0.0	-4.0	0.0	57.0
B402	359	GEO_Eqn_6.12b_nls14	10309.09	0.0	42.0	0.0	-4.0	0.0	38.0
B402	359	GEO_Eqn_6.12b_nls14	10800	0.0	49.0	0.0	-4.0	0.0	16.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B402	359	GEO_Eqn_6.12b_nls15	0	0.0	-74.0	0.0	33.0	0.0	-106.0
B402	359	GEO_Eqn_6.12b_nls15	490.91	0.0	-67.0	0.0	33.0	0.0	-71.0
B402	359	GEO_Eqn_6.12b_nls15	981.82	0.0	-59.0	0.0	33.0	0.0	-40.0
B402	359	GEO_Eqn_6.12b_nls15	1472.73	0.0	-52.0	0.0	33.0	0.0	-13.0
B402	359	GEO_Eqn_6.12b_nls15	1963.64	0.0	-45.0	0.0	33.0	0.0	11.0
B402	359	GEO_Eqn_6.12b_nls15	2454.55	0.0	-37.0	0.0	33.0	0.0	31.0
B402	359	GEO_Eqn_6.12b_nls15	2945.45	0.0	-30.0	0.0	33.0	0.0	47.0
B402	359	GEO_Eqn_6.12b_nls15	3436.36	0.0	-23.0	0.0	33.0	0.0	60.0
B402	359	GEO_Eqn_6.12b_nls15	3927.27	0.0	-15.0	0.0	33.0	0.0	69.0
B402	359	GEO_Eqn_6.12b_nls15	4418.18	0.0	-8.0	0.0	33.0	0.0	75.0
B402	359	GEO_Eqn_6.12b_nls15	4909.09	0.0	-1.0	0.0	33.0	0.0	77.0
B402	359	GEO_Eqn_6.12b_nls15	5400	0.0	7.0	0.0	33.0	0.0	76.0
B402	359	GEO_Eqn_6.12b_nls15	5400	0.0	93.0	0.0	6.0	0.0	216.0
B402	359	GEO_Eqn_6.12b_nls15	5890.91	0.0	100.0	0.0	6.0	0.0	169.0
B402	359	GEO_Eqn_6.12b_nls15	6381.82	0.0	107.0	0.0	6.0	0.0	118.0
B402	359	GEO_Eqn_6.12b_nls15	6872.73	0.0	115.0	0.0	6.0	0.0	63.0
B402	359	GEO_Eqn_6.12b_nls15	7363.64	0.0	122.0	0.0	6.0	0.0	5.0
B402	359	GEO_Eqn_6.12b_nls15	7854.55	0.0	129.0	0.0	6.0	0.0	-56.0
B402	359	GEO_Eqn_6.12b_nls15	8345.45	0.0	137.0	0.0	6.0	0.0	-122.0
B402	359	GEO_Eqn_6.12b_nls15	8836.36	0.0	144.0	0.0	6.0	0.0	-191.0
B402	359	GEO_Eqn_6.12b_nls15	9327.27	0.0	151.0	0.0	6.0	0.0	-263.0
B402	359	GEO_Eqn_6.12b_nls15	9818.18	0.0	159.0	0.0	6.0	0.0	-339.0
B402	359	GEO_Eqn_6.12b_nls15	10309.09	0.0	166.0	0.0	6.0	0.0	-419.0
B402	359	GEO_Eqn_6.12b_nls15	10800	0.0	174.0	0.0	6.0	0.0	-503.0
B402	359	GEO_Eqn_6.12b_nls16	0	0.0	-106.0	0.0	22.0	0.0	-254.0
B402	359	GEO_Eqn_6.12b_nls16	490.91	0.0	-98.0	0.0	22.0	0.0	-204.0
B402	359	GEO_Eqn_6.12b_nls16	981.82	0.0	-91.0	0.0	22.0	0.0	-157.0
B402	359	GEO_Eqn_6.12b_nls16	1472.73	0.0	-84.0	0.0	22.0	0.0	-114.0
B402	359	GEO_Eqn_6.12b_nls16	1963.64	0.0	-76.0	0.0	22.0	0.0	-75.0
B402	359	GEO_Eqn_6.12b_nls16	2454.55	0.0	-69.0	0.0	22.0	0.0	-39.0
B402	359	GEO_Eqn_6.12b_nls16	2945.45	0.0	-62.0	0.0	22.0	0.0	-7.0
B402	359	GEO_Eqn_6.12b_nls16	3436.36	0.0	-54.0	0.0	22.0	0.0	21.0
B402	359	GEO_Eqn_6.12b_nls16	3927.27	0.0	-47.0	0.0	22.0	0.0	46.0
B402	359	GEO_Eqn_6.12b_nls16	4418.18	0.0	-40.0	0.0	22.0	0.0	67.0
B402	359	GEO_Eqn_6.12b_nls16	4909.09	0.0	-32.0	0.0	22.0	0.0	85.0
B402	359	GEO_Eqn_6.12b_nls16	5400	0.0	-25.0	0.0	22.0	0.0	99.0
B402	359	GEO_Eqn_6.12b_nls16	5400	0.0	43.0	0.0	-7.0	0.0	130.0
B402	359	GEO_Eqn_6.12b_nls16	5890.91	0.0	50.0	0.0	-7.0	0.0	108.0
B402	359	GEO_Eqn_6.12b_nls16	6381.82	0.0	57.0	0.0	-7.0	0.0	81.0
B402	359	GEO_Eqn_6.12b_nls16	6872.73	0.0	65.0	0.0	-7.0	0.0	51.0
B402	359	GEO_Eqn_6.12b_nls16	7363.64	0.0	72.0	0.0	-7.0	0.0	18.0
B402	359	GEO_Eqn_6.12b_nls16	7854.55	0.0	79.0	0.0	-7.0	0.0	-19.0
B402	359	GEO_Eqn_6.12b_nls16	8345.45	0.0	87.0	0.0	-7.0	0.0	-60.0
B402	359	GEO_Eqn_6.12b_nls16	8836.36	0.0	94.0	0.0	-7.0	0.0	-105.0
B402	359	GEO_Eqn_6.12b_nls16	9327.27	0.0	102.0	0.0	-7.0	0.0	-153.0
B402	359	GEO_Eqn_6.12b_nls16	9818.18	0.0	109.0	0.0	-7.0	0.0	-204.0
B402	359	GEO_Eqn_6.12b_nls16	10309.09	0.0	116.0	0.0	-7.0	0.0	-260.0
B402	359	GEO_Eqn_6.12b_nls16	10800	0.0	124.0	0.0	-7.0	0.0	-318.0
B403	360	GEO_Eqn_6.12b_nls01	0	0.0	-128.0	0.0	-65.0	0.0	-395.0
B403	360	GEO_Eqn_6.12b_nls01	400	0.0	-119.0	0.0	-65.0	0.0	-345.0
B403	360	GEO_Eqn_6.12b_nls01	400	0.0	105.0	0.0	-63.0	0.0	-342.0
B403	360	GEO_Eqn_6.12b_nls01	766.67	0.0	113.0	0.0	-63.0	0.0	-382.0
B403	360	GEO_Eqn_6.12b_nls01	1133.33	0.0	121.0	0.0	-63.0	0.0	-425.0
B403	360	GEO_Eqn_6.12b_nls01	1500	0.0	130.0	0.0	-63.0	0.0	-471.0
B403	360	GEO_Eqn_6.12b_nls01	1500	398.0	-205.0	5.0	-47.0	4.0	-459.0
B403	360	GEO_Eqn_6.12b_nls01	1780	398.0	-198.0	5.0	-47.0	3.0	-402.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls01	2060	398.0	-192.0	5.0	-47.0	1.0	-348.0
B403	360	GEO_Eqn_6.12b_nls01	2060	227.0	-237.0	2.0	-46.0	-2.0	-293.0
B403	360	GEO_Eqn_6.12b_nls01	2433.33	227.0	-229.0	2.0	-46.0	-3.0	-206.0
B403	360	GEO_Eqn_6.12b_nls01	2433.33	185.0	-82.0	-0.1	-39.0	-3.0	-114.0
B403	360	GEO_Eqn_6.12b_nls01	2620	185.0	-77.0	-0.1	-39.0	-3.0	-99.0
B403	360	GEO_Eqn_6.12b_nls01	2620	5.0	-394.0	-1.0	-36.0	-2.0	-62.0
B403	360	GEO_Eqn_6.12b_nls01	2900	5.0	-387.0	-1.0	-36.0	-2.0	47.0
B403	360	GEO_Eqn_6.12b_nls01	3180	5.0	-381.0	-1.0	-36.0	-2.0	155.0
B403	360	GEO_Eqn_6.12b_nls01	3180	-181.0	-68.0	-0.3	-35.0	-1.0	193.0
B403	360	GEO_Eqn_6.12b_nls01	3366.67	-181.0	-64.0	-0.3	-35.0	-1.0	205.0
B403	360	GEO_Eqn_6.12b_nls01	3366.67	-222.0	-168.0	-0.2	-29.0	0.5	275.0
B403	360	GEO_Eqn_6.12b_nls01	3740	-222.0	-160.0	-0.2	-29.0	1.0	337.0
B403	360	GEO_Eqn_6.12b_nls01	3740	-408.0	-3.0	-2.0	-29.0	1.0	372.0
B403	360	GEO_Eqn_6.12b_nls01	4020	-408.0	3.0	-2.0	-29.0	2.0	372.0
B403	360	GEO_Eqn_6.12b_nls01	4300	-408.0	10.0	-2.0	-29.0	2.0	371.0
B403	360	GEO_Eqn_6.12b_nls01	4300	0.0	472.0	0.0	-21.0	0.0	377.0
B403	360	GEO_Eqn_6.12b_nls01	4750	0.0	482.0	0.0	-21.0	0.0	162.0
B403	360	GEO_Eqn_6.12b_nls01	5200	0.0	492.0	0.0	-21.0	0.0	-57.0
B403	360	GEO_Eqn_6.12b_nls01	5200	0.0	260.0	0.0	-21.0	0.0	-61.0
B403	360	GEO_Eqn_6.12b_nls01	5400	0.0	265.0	0.0	-21.0	0.0	-114.0
B403	360	GEO_Eqn_6.12b_nls01	5400	36.0	-453.0	0.4	56.0	0.1	-69.0
B403	360	GEO_Eqn_6.12b_nls01	5850	36.0	-443.0	0.4	56.0	-0.1	133.0
B403	360	GEO_Eqn_6.12b_nls01	5850	-36.0	-252.0	-0.4	56.0	-0.1	175.0
B403	360	GEO_Eqn_6.12b_nls01	6300	-36.0	-242.0	-0.4	56.0	0.1	286.0
B403	360	GEO_Eqn_6.12b_nls01	6300	5.0	138.0	-0.2	60.0	-0.1	297.0
B403	360	GEO_Eqn_6.12b_nls01	6641.67	5.0	146.0	-0.1	60.0	-0.1	248.0
B403	360	GEO_Eqn_6.12b_nls01	6983.33	5.0	153.0	-0.1	60.0	0.0	197.0
B403	360	GEO_Eqn_6.12b_nls01	7325	5.0	161.0	-0.1	60.0	0.0	143.0
B403	360	GEO_Eqn_6.12b_nls01	7325	2.0	194.0	-0.3	79.0	-0.2	143.0
B403	360	GEO_Eqn_6.12b_nls01	7666.67	2.0	201.0	-0.3	79.0	0.0	75.0
B403	360	GEO_Eqn_6.12b_nls01	8008.33	2.0	209.0	-0.3	79.0	0.1	5.0
B403	360	GEO_Eqn_6.12b_nls01	8350	2.0	217.0	-0.3	79.0	0.2	-68.0
B403	360	GEO_Eqn_6.12b_nls01	8350	-1.0	253.0	-0.5	101.0	0.0	-69.0
B403	360	GEO_Eqn_6.12b_nls01	8691.67	-1.0	261.0	-0.4	101.0	0.1	-157.0
B403	360	GEO_Eqn_6.12b_nls01	9033.33	-1.0	269.0	-0.4	101.0	0.3	-247.0
B403	360	GEO_Eqn_6.12b_nls01	9375	-1.0	276.0	-0.4	101.0	0.4	-340.0
B403	360	GEO_Eqn_6.12b_nls01	9375	-6.0	300.0	0.4	115.0	0.0	-342.0
B403	360	GEO_Eqn_6.12b_nls01	9716.67	-6.0	308.0	0.4	115.0	-0.1	-446.0
B403	360	GEO_Eqn_6.12b_nls01	10058.33	-6.0	316.0	0.4	115.0	-0.2	-552.0
B403	360	GEO_Eqn_6.12b_nls01	10400	-6.0	323.0	0.4	115.0	-0.4	-662.0
B403	360	GEO_Eqn_6.12b_nls01	10400	0.0	210.0	0.0	117.0	0.0	-659.0
B403	360	GEO_Eqn_6.12b_nls01	10800	0.0	219.0	0.0	117.0	0.0	-744.0
B403	360	GEO_Eqn_6.12b_nls01	10800	469.0	-752.0	2.0	-25.0	1.0	-736.0
B403	360	GEO_Eqn_6.12b_nls01	11097.7	469.0	-746.0	2.0	-25.0	1.0	-513.0
B403	360	GEO_Eqn_6.12b_nls01	11395.4	469.0	-739.0	2.0	-25.0	0.0	-292.0
B403	360	GEO_Eqn_6.12b_nls01	11395.4	335.0	-464.0	2.0	-25.0	-2.0	-234.0
B403	360	GEO_Eqn_6.12b_nls01	11693.1	335.0	-458.0	2.0	-25.0	-3.0	-96.0
B403	360	GEO_Eqn_6.12b_nls01	11990.8	335.0	-451.0	2.0	-25.0	-3.0	39.0
B403	360	GEO_Eqn_6.12b_nls01	11990.8	139.0	-204.0	-1.0	-16.0	-1.0	64.0
B403	360	GEO_Eqn_6.12b_nls01	12288.49	139.0	-197.0	-1.0	-16.0	-0.4	124.0
B403	360	GEO_Eqn_6.12b_nls01	12586.19	139.0	-191.0	-1.0	-16.0	-0.1	181.0
B403	360	GEO_Eqn_6.12b_nls01	12586.19	-52.0	-59.0	-1.0	-17.0	1.0	202.0
B403	360	GEO_Eqn_6.12b_nls01	12883.89	-52.0	-52.0	-1.0	-17.0	2.0	218.0
B403	360	GEO_Eqn_6.12b_nls01	13181.59	-52.0	-45.0	-1.0	-17.0	2.0	233.0
B403	360	GEO_Eqn_6.12b_nls01	13181.59	-327.0	77.0	4.0	-5.0	4.0	245.0
B403	360	GEO_Eqn_6.12b_nls01	13479.29	-327.0	84.0	4.0	-5.0	3.0	221.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls01	13776.99	-327.0	91.0	4.0	-5.0	2.0	195.0
B403	360	GEO_Eqn_6.12b_nls01	13776.99	-563.0	226.0	5.0	-5.0	-1.0	197.0
B403	360	GEO_Eqn_6.12b_nls01	14074.69	-563.0	233.0	5.0	-5.0	-2.0	129.0
B403	360	GEO_Eqn_6.12b_nls01	14372.39	-563.0	240.0	5.0	-5.0	-4.0	59.0
B403	360	GEO_Eqn_6.12b_nls02	0	0.0	-192.0	0.0	-80.0	0.0	-452.0
B403	360	GEO_Eqn_6.12b_nls02	400	0.0	-183.0	0.0	-80.0	0.0	-377.0
B403	360	GEO_Eqn_6.12b_nls02	400	0.0	62.0	0.0	-79.0	0.0	-373.0
B403	360	GEO_Eqn_6.12b_nls02	766.67	0.0	70.0	0.0	-79.0	0.0	-397.0
B403	360	GEO_Eqn_6.12b_nls02	1133.33	0.0	79.0	0.0	-79.0	0.0	-425.0
B403	360	GEO_Eqn_6.12b_nls02	1500	0.0	87.0	0.0	-79.0	0.0	-455.0
B403	360	GEO_Eqn_6.12b_nls02	1500	395.0	-226.0	5.0	-64.0	5.0	-442.0
B403	360	GEO_Eqn_6.12b_nls02	1780	395.0	-220.0	5.0	-64.0	3.0	-380.0
B403	360	GEO_Eqn_6.12b_nls02	2060	395.0	-214.0	5.0	-64.0	2.0	-319.0
B403	360	GEO_Eqn_6.12b_nls02	2060	228.0	-241.0	3.0	-63.0	-2.0	-263.0
B403	360	GEO_Eqn_6.12b_nls02	2433.33	228.0	-232.0	3.0	-63.0	-3.0	-175.0
B403	360	GEO_Eqn_6.12b_nls02	2433.33	186.0	-83.0	-0.1	-57.0	-3.0	-82.0
B403	360	GEO_Eqn_6.12b_nls02	2620	186.0	-78.0	-0.1	-57.0	-3.0	-67.0
B403	360	GEO_Eqn_6.12b_nls02	2620	9.0	-389.0	-1.0	-55.0	-3.0	-30.0
B403	360	GEO_Eqn_6.12b_nls02	2900	9.0	-383.0	-1.0	-55.0	-2.0	78.0
B403	360	GEO_Eqn_6.12b_nls02	3180	9.0	-377.0	-1.0	-55.0	-2.0	185.0
B403	360	GEO_Eqn_6.12b_nls02	3180	-179.0	-65.0	-0.3	-53.0	-1.0	222.0
B403	360	GEO_Eqn_6.12b_nls02	3366.67	-179.0	-61.0	-0.3	-53.0	-1.0	234.0
B403	360	GEO_Eqn_6.12b_nls02	3366.67	-221.0	-159.0	-0.4	-48.0	0.3	300.0
B403	360	GEO_Eqn_6.12b_nls02	3740	-221.0	-150.0	-0.4	-48.0	0.4	358.0
B403	360	GEO_Eqn_6.12b_nls02	3740	-411.0	33.0	-2.0	-48.0	1.0	391.0
B403	360	GEO_Eqn_6.12b_nls02	4020	-411.0	40.0	-2.0	-48.0	2.0	381.0
B403	360	GEO_Eqn_6.12b_nls02	4300	-411.0	46.0	-2.0	-48.0	3.0	369.0
B403	360	GEO_Eqn_6.12b_nls02	4300	0.0	533.0	0.0	-42.0	0.0	374.0
B403	360	GEO_Eqn_6.12b_nls02	4750	0.0	543.0	0.0	-42.0	0.0	132.0
B403	360	GEO_Eqn_6.12b_nls02	5200	0.0	553.0	0.0	-42.0	0.0	-115.0
B403	360	GEO_Eqn_6.12b_nls02	5200	0.0	328.0	0.0	-41.0	0.0	-120.0
B403	360	GEO_Eqn_6.12b_nls02	5400	0.0	332.0	0.0	-41.0	0.0	-186.0
B403	360	GEO_Eqn_6.12b_nls02	5400	33.0	-503.0	0.5	63.0	0.1	-140.0
B403	360	GEO_Eqn_6.12b_nls02	5850	33.0	-493.0	0.5	63.0	-0.1	84.0
B403	360	GEO_Eqn_6.12b_nls02	5850	-33.0	-266.0	-0.5	62.0	-0.1	129.0
B403	360	GEO_Eqn_6.12b_nls02	6300	-33.0	-256.0	-0.5	62.0	0.1	246.0
B403	360	GEO_Eqn_6.12b_nls02	6300	4.0	130.0	-0.1	65.0	-0.1	256.0
B403	360	GEO_Eqn_6.12b_nls02	6641.67	4.0	138.0	-0.1	65.0	0.0	211.0
B403	360	GEO_Eqn_6.12b_nls02	6983.33	4.0	146.0	-0.1	65.0	0.0	162.0
B403	360	GEO_Eqn_6.12b_nls02	7325	4.0	153.0	-0.1	65.0	0.0	111.0
B403	360	GEO_Eqn_6.12b_nls02	7325	2.0	186.0	-0.3	85.0	-0.2	110.0
B403	360	GEO_Eqn_6.12b_nls02	7666.67	2.0	194.0	-0.3	85.0	0.0	45.0
B403	360	GEO_Eqn_6.12b_nls02	8008.33	2.0	202.0	-0.3	85.0	0.1	-22.0
B403	360	GEO_Eqn_6.12b_nls02	8350	2.0	209.0	-0.3	85.0	0.2	-92.0
B403	360	GEO_Eqn_6.12b_nls02	8350	-1.0	246.0	-0.4	107.0	0.0	-94.0
B403	360	GEO_Eqn_6.12b_nls02	8691.67	-1.0	253.0	-0.4	107.0	0.1	-179.0
B403	360	GEO_Eqn_6.12b_nls02	9033.33	-1.0	261.0	-0.4	107.0	0.2	-267.0
B403	360	GEO_Eqn_6.12b_nls02	9375	-1.0	269.0	-0.4	107.0	0.4	-357.0
B403	360	GEO_Eqn_6.12b_nls02	9375	-6.0	293.0	0.3	120.0	0.0	-359.0
B403	360	GEO_Eqn_6.12b_nls02	9716.67	-6.0	300.0	0.3	120.0	-0.1	-460.0
B403	360	GEO_Eqn_6.12b_nls02	10058.33	-6.0	308.0	0.3	120.0	-0.2	-564.0
B403	360	GEO_Eqn_6.12b_nls02	10400	-6.0	316.0	0.3	120.0	-0.3	-671.0
B403	360	GEO_Eqn_6.12b_nls02	10400	0.0	266.0	0.0	122.0	0.0	-669.0
B403	360	GEO_Eqn_6.12b_nls02	10800	0.0	275.0	0.0	122.0	0.0	-777.0
B403	360	GEO_Eqn_6.12b_nls02	10800	385.0	-846.0	2.0	-12.0	2.0	-771.0
B403	360	GEO_Eqn_6.12b_nls02	11097.7	385.0	-839.0	2.0	-12.0	1.0	-521.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls02	11395.4	385.0	-832.0	2.0	-12.0	0.4	-272.0
B403	360	GEO_Eqn_6.12b_nls02	11395.4	285.0	-506.0	2.0	-12.0	-2.0	-210.0
B403	360	GEO_Eqn_6.12b_nls02	11693.1	285.0	-499.0	2.0	-12.0	-2.0	-61.0
B403	360	GEO_Eqn_6.12b_nls02	11990.8	285.0	-492.0	2.0	-12.0	-3.0	87.0
B403	360	GEO_Eqn_6.12b_nls02	11990.8	129.0	-221.0	-1.0	-6.0	-1.0	111.0
B403	360	GEO_Eqn_6.12b_nls02	12288.49	129.0	-214.0	-1.0	-6.0	-1.0	176.0
B403	360	GEO_Eqn_6.12b_nls02	12586.19	129.0	-207.0	-1.0	-6.0	-0.4	238.0
B403	360	GEO_Eqn_6.12b_nls02	12586.19	-33.0	-62.0	-1.0	-6.0	1.0	258.0
B403	360	GEO_Eqn_6.12b_nls02	12883.89	-33.0	-56.0	-1.0	-6.0	1.0	276.0
B403	360	GEO_Eqn_6.12b_nls02	13181.59	-33.0	-49.0	-1.0	-6.0	1.0	291.0
B403	360	GEO_Eqn_6.12b_nls02	13181.59	-276.0	92.0	3.0	3.0	3.0	302.0
B403	360	GEO_Eqn_6.12b_nls02	13479.29	-276.0	99.0	3.0	3.0	2.0	274.0
B403	360	GEO_Eqn_6.12b_nls02	13776.99	-276.0	105.0	3.0	3.0	1.0	243.0
B403	360	GEO_Eqn_6.12b_nls02	13776.99	-488.0	280.0	3.0	2.0	-1.0	242.0
B403	360	GEO_Eqn_6.12b_nls02	14074.69	-488.0	287.0	3.0	2.0	-1.0	158.0
B403	360	GEO_Eqn_6.12b_nls02	14372.39	-488.0	293.0	3.0	2.0	-2.0	72.0
B403	360	GEO_Eqn_6.12b_nls03	0	0.0	-416.0	0.0	11.0	0.0	126.0
B403	360	GEO_Eqn_6.12b_nls03	400	0.0	-407.0	0.0	11.0	0.0	291.0
B403	360	GEO_Eqn_6.12b_nls03	400	0.0	-406.0	0.0	12.0	0.0	296.0
B403	360	GEO_Eqn_6.12b_nls03	766.67	0.0	-398.0	0.0	12.0	0.0	443.0
B403	360	GEO_Eqn_6.12b_nls03	1133.33	0.0	-390.0	0.0	12.0	0.0	588.0
B403	360	GEO_Eqn_6.12b_nls03	1500	0.0	-382.0	0.0	12.0	0.0	729.0
B403	360	GEO_Eqn_6.12b_nls03	1500	-265.0	55.0	-1.0	25.0	-1.0	721.0
B403	360	GEO_Eqn_6.12b_nls03	1780	-265.0	61.0	-1.0	25.0	-1.0	704.0
B403	360	GEO_Eqn_6.12b_nls03	2060	-265.0	68.0	-1.0	25.0	-0.4	686.0
B403	360	GEO_Eqn_6.12b_nls03	2060	-122.0	166.0	-1.0	25.0	1.0	649.0
B403	360	GEO_Eqn_6.12b_nls03	2433.33	-122.0	174.0	-1.0	25.0	1.0	585.0
B403	360	GEO_Eqn_6.12b_nls03	2433.33	-90.0	67.0	0.2	32.0	1.0	514.0
B403	360	GEO_Eqn_6.12b_nls03	2620	-90.0	71.0	0.2	32.0	1.0	501.0
B403	360	GEO_Eqn_6.12b_nls03	2620	30.0	342.0	1.0	33.0	1.0	468.0
B403	360	GEO_Eqn_6.12b_nls03	2900	30.0	348.0	1.0	33.0	0.2	371.0
B403	360	GEO_Eqn_6.12b_nls03	3180	30.0	355.0	1.0	33.0	-0.1	273.0
B403	360	GEO_Eqn_6.12b_nls03	3180	119.0	65.0	0.1	35.0	-1.0	245.0
B403	360	GEO_Eqn_6.12b_nls03	3366.67	119.0	70.0	0.1	35.0	-1.0	232.0
B403	360	GEO_Eqn_6.12b_nls03	3366.67	141.0	197.0	-0.2	41.0	-1.0	157.0
B403	360	GEO_Eqn_6.12b_nls03	3740	141.0	206.0	-0.2	41.0	-1.0	82.0
B403	360	GEO_Eqn_6.12b_nls03	3740	212.0	268.0	-1.0	42.0	-0.3	38.0
B403	360	GEO_Eqn_6.12b_nls03	4020	212.0	274.0	-1.0	42.0	0.1	-38.0
B403	360	GEO_Eqn_6.12b_nls03	4300	212.0	280.0	-1.0	42.0	0.4	-116.0
B403	360	GEO_Eqn_6.12b_nls03	4300	0.0	209.0	0.0	51.0	0.0	-125.0
B403	360	GEO_Eqn_6.12b_nls03	4750	0.0	219.0	0.0	51.0	0.0	-221.0
B403	360	GEO_Eqn_6.12b_nls03	5200	0.0	229.0	0.0	51.0	0.0	-322.0
B403	360	GEO_Eqn_6.12b_nls03	5200	0.0	311.0	0.0	52.0	0.0	-326.0
B403	360	GEO_Eqn_6.12b_nls03	5400	0.0	315.0	0.0	52.0	0.0	-389.0
B403	360	GEO_Eqn_6.12b_nls03	5400	-25.0	-164.0	0.3	-16.0	0.1	-397.0
B403	360	GEO_Eqn_6.12b_nls03	5850	-25.0	-154.0	0.3	-16.0	-0.1	-325.0
B403	360	GEO_Eqn_6.12b_nls03	5850	25.0	-87.0	-0.3	-16.0	-0.1	-319.0
B403	360	GEO_Eqn_6.12b_nls03	6300	25.0	-77.0	-0.3	-16.0	0.1	-283.0
B403	360	GEO_Eqn_6.12b_nls03	6300	-3.0	-226.0	-0.1	-11.0	-0.1	-284.0
B403	360	GEO_Eqn_6.12b_nls03	6641.67	-3.0	-218.0	-0.1	-11.0	0.0	-208.0
B403	360	GEO_Eqn_6.12b_nls03	6983.33	-3.0	-210.0	-0.1	-11.0	0.0	-135.0
B403	360	GEO_Eqn_6.12b_nls03	7325	-3.0	-203.0	-0.1	-11.0	0.0	-64.0
B403	360	GEO_Eqn_6.12b_nls03	7325	-1.0	-171.0	0.2	7.0	0.1	-64.0
B403	360	GEO_Eqn_6.12b_nls03	7666.67	-1.0	-163.0	0.2	7.0	0.1	-7.0
B403	360	GEO_Eqn_6.12b_nls03	8008.33	-1.0	-155.0	0.2	7.0	0.0	47.0
B403	360	GEO_Eqn_6.12b_nls03	8350	-1.0	-148.0	0.2	7.0	-0.1	99.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls03	8350	1.0	-111.0	0.3	29.0	0.1	99.0
B403	360	GEO_Eqn_6.12b_nls03	8691.67	1.0	-104.0	0.3	29.0	0.0	136.0
B403	360	GEO_Eqn_6.12b_nls03	9033.33	1.0	-96.0	0.3	29.0	-0.1	170.0
B403	360	GEO_Eqn_6.12b_nls03	9375	1.0	-88.0	0.3	29.0	-0.2	201.0
B403	360	GEO_Eqn_6.12b_nls03	9375	3.0	-63.0	-0.1	43.0	0.0	200.0
B403	360	GEO_Eqn_6.12b_nls03	9716.67	3.0	-56.0	-0.1	43.0	0.0	221.0
B403	360	GEO_Eqn_6.12b_nls03	10058.33	3.0	-48.0	-0.1	43.0	0.0	238.0
B403	360	GEO_Eqn_6.12b_nls03	10400	3.0	-40.0	0.0	43.0	0.1	253.0
B403	360	GEO_Eqn_6.12b_nls03	10400	0.0	129.0	0.0	45.0	0.0	249.0
B403	360	GEO_Eqn_6.12b_nls03	10800	0.0	138.0	0.0	45.0	0.0	196.0
B403	360	GEO_Eqn_6.12b_nls03	10800	-250.0	18.0	0.0	-7.0	0.5	188.0
B403	360	GEO_Eqn_6.12b_nls03	11097.7	-250.0	24.0	0.0	-7.0	0.5	182.0
B403	360	GEO_Eqn_6.12b_nls03	11395.4	-250.0	31.0	0.0	-7.0	0.5	173.0
B403	360	GEO_Eqn_6.12b_nls03	11395.4	-154.0	51.0	-0.4	-8.0	1.0	164.0
B403	360	GEO_Eqn_6.12b_nls03	11693.1	-154.0	58.0	-0.4	-8.0	1.0	148.0
B403	360	GEO_Eqn_6.12b_nls03	11990.8	-154.0	65.0	-0.4	-8.0	1.0	129.0
B403	360	GEO_Eqn_6.12b_nls03	11990.8	-39.0	54.0	0.5	-0.1	-0.3	121.0
B403	360	GEO_Eqn_6.12b_nls03	12288.49	-39.0	60.0	0.5	-0.1	-0.5	104.0
B403	360	GEO_Eqn_6.12b_nls03	12586.19	-39.0	67.0	0.5	-0.1	-1.0	85.0
B403	360	GEO_Eqn_6.12b_nls03	12586.19	50.0	19.0	0.3	-0.3	-1.0	77.0
B403	360	GEO_Eqn_6.12b_nls03	12883.89	50.0	25.0	0.3	-0.3	-1.0	70.0
B403	360	GEO_Eqn_6.12b_nls03	13181.59	50.0	32.0	0.3	-0.3	-1.0	62.0
B403	360	GEO_Eqn_6.12b_nls03	13181.59	156.0	13.0	-2.0	10.0	-2.0	57.0
B403	360	GEO_Eqn_6.12b_nls03	13479.29	156.0	20.0	-2.0	10.0	-1.0	52.0
B403	360	GEO_Eqn_6.12b_nls03	13776.99	156.0	26.0	-2.0	10.0	-1.0	45.0
B403	360	GEO_Eqn_6.12b_nls03	13776.99	237.0	-26.0	-2.0	10.0	1.0	41.0
B403	360	GEO_Eqn_6.12b_nls03	14074.69	237.0	-19.0	-2.0	10.0	1.0	47.0
B403	360	GEO_Eqn_6.12b_nls03	14372.39	237.0	-12.0	-2.0	10.0	2.0	52.0
B403	360	GEO_Eqn_6.12b_nls04	0	0.0	-560.0	0.0	-18.0	0.0	12.0
B403	360	GEO_Eqn_6.12b_nls04	400	0.0	-551.0	0.0	-18.0	0.0	234.0
B403	360	GEO_Eqn_6.12b_nls04	400	0.0	-523.0	0.0	-19.0	0.0	240.0
B403	360	GEO_Eqn_6.12b_nls04	766.67	0.0	-515.0	0.0	-19.0	0.0	430.0
B403	360	GEO_Eqn_6.12b_nls04	1133.33	0.0	-507.0	0.0	-19.0	0.0	618.0
B403	360	GEO_Eqn_6.12b_nls04	1500	0.0	-498.0	0.0	-19.0	0.0	802.0
B403	360	GEO_Eqn_6.12b_nls04	1500	-298.0	13.0	-0.4	-9.0	-0.1	794.0
B403	360	GEO_Eqn_6.12b_nls04	1780	-298.0	19.0	-0.4	-9.0	0.0	789.0
B403	360	GEO_Eqn_6.12b_nls04	2060	-298.0	25.0	-0.4	-9.0	0.1	783.0
B403	360	GEO_Eqn_6.12b_nls04	2060	-133.0	170.0	-1.0	-8.0	1.0	745.0
B403	360	GEO_Eqn_6.12b_nls04	2433.33	-133.0	178.0	-1.0	-8.0	1.0	680.0
B403	360	GEO_Eqn_6.12b_nls04	2433.33	-99.0	68.0	0.2	-3.0	1.0	607.0
B403	360	GEO_Eqn_6.12b_nls04	2620	-99.0	72.0	0.2	-3.0	1.0	594.0
B403	360	GEO_Eqn_6.12b_nls04	2620	38.0	371.0	1.0	-2.0	0.0	558.0
B403	360	GEO_Eqn_6.12b_nls04	2900	38.0	377.0	1.0	-2.0	-0.3	453.0
B403	360	GEO_Eqn_6.12b_nls04	3180	38.0	384.0	1.0	-2.0	-1.0	347.0
B403	360	GEO_Eqn_6.12b_nls04	3180	136.0	76.0	0.0	-1.0	-1.0	315.0
B403	360	GEO_Eqn_6.12b_nls04	3366.67	136.0	80.0	0.0	-1.0	-1.0	301.0
B403	360	GEO_Eqn_6.12b_nls04	3366.67	158.0	227.0	-1.0	3.0	-1.0	214.0
B403	360	GEO_Eqn_6.12b_nls04	3740	158.0	235.0	-1.0	3.0	-1.0	128.0
B403	360	GEO_Eqn_6.12b_nls04	3740	231.0	349.0	-2.0	4.0	0.1	77.0
B403	360	GEO_Eqn_6.12b_nls04	4020	231.0	356.0	-2.0	4.0	1.0	-22.0
B403	360	GEO_Eqn_6.12b_nls04	4300	231.0	362.0	-2.0	4.0	1.0	-123.0
B403	360	GEO_Eqn_6.12b_nls04	4300	0.0	328.0	0.0	10.0	0.0	-134.0
B403	360	GEO_Eqn_6.12b_nls04	4750	0.0	338.0	0.0	10.0	0.0	-284.0
B403	360	GEO_Eqn_6.12b_nls04	5200	0.0	349.0	0.0	10.0	0.0	-438.0
B403	360	GEO_Eqn_6.12b_nls04	5200	0.0	451.0	0.0	11.0	0.0	-445.0
B403	360	GEO_Eqn_6.12b_nls04	5400	0.0	455.0	0.0	11.0	0.0	-536.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls04	5400	-31.0	-272.0	0.5	-4.0	0.1	-541.0
B403	360	GEO_Eqn_6.12b_nls04	5850	-31.0	-262.0	0.5	-4.0	-0.1	-421.0
B403	360	GEO_Eqn_6.12b_nls04	5850	31.0	-114.0	-0.5	-5.0	-0.1	-410.0
B403	360	GEO_Eqn_6.12b_nls04	6300	31.0	-104.0	-0.5	-5.0	0.1	-361.0
B403	360	GEO_Eqn_6.12b_nls04	6300	-4.0	-241.0	0.0	-2.0	0.0	-363.0
B403	360	GEO_Eqn_6.12b_nls04	6641.67	-4.0	-234.0	0.0	-2.0	0.0	-282.0
B403	360	GEO_Eqn_6.12b_nls04	6983.33	-4.0	-226.0	0.0	-2.0	0.0	-204.0
B403	360	GEO_Eqn_6.12b_nls04	7325	-4.0	-218.0	0.0	-2.0	0.0	-128.0
B403	360	GEO_Eqn_6.12b_nls04	7325	-2.0	-186.0	0.3	17.0	0.2	-128.0
B403	360	GEO_Eqn_6.12b_nls04	7666.67	-2.0	-178.0	0.3	17.0	0.1	-65.0
B403	360	GEO_Eqn_6.12b_nls04	8008.33	-2.0	-171.0	0.3	17.0	0.0	-6.0
B403	360	GEO_Eqn_6.12b_nls04	8350	-2.0	-163.0	0.3	17.0	-0.1	51.0
B403	360	GEO_Eqn_6.12b_nls04	8350	1.0	-127.0	0.4	39.0	0.1	51.0
B403	360	GEO_Eqn_6.12b_nls04	8691.67	1.0	-119.0	0.4	39.0	-0.1	93.0
B403	360	GEO_Eqn_6.12b_nls04	9033.33	1.0	-111.0	0.4	39.0	-0.2	132.0
B403	360	GEO_Eqn_6.12b_nls04	9375	1.0	-104.0	0.4	39.0	-0.3	169.0
B403	360	GEO_Eqn_6.12b_nls04	9375	5.0	-79.0	-0.2	53.0	0.0	168.0
B403	360	GEO_Eqn_6.12b_nls04	9716.67	5.0	-71.0	-0.2	53.0	0.1	194.0
B403	360	GEO_Eqn_6.12b_nls04	10058.33	5.0	-63.0	-0.2	53.0	0.2	217.0
B403	360	GEO_Eqn_6.12b_nls04	10400	5.0	-55.0	-0.2	53.0	0.2	237.0
B403	360	GEO_Eqn_6.12b_nls04	10400	0.0	246.0	0.0	54.0	0.0	230.0
B403	360	GEO_Eqn_6.12b_nls04	10800	0.0	255.0	0.0	54.0	0.0	130.0
B403	360	GEO_Eqn_6.12b_nls04	10800	-440.0	-163.0	-0.1	24.0	1.0	116.0
B403	360	GEO_Eqn_6.12b_nls04	11097.7	-440.0	-156.0	-0.1	24.0	1.0	164.0
B403	360	GEO_Eqn_6.12b_nls04	11395.4	-440.0	-149.0	-0.1	24.0	1.0	209.0
B403	360	GEO_Eqn_6.12b_nls04	11395.4	-270.0	-25.0	-1.0	23.0	2.0	206.0
B403	360	GEO_Eqn_6.12b_nls04	11693.1	-270.0	-19.0	-1.0	23.0	2.0	213.0
B403	360	GEO_Eqn_6.12b_nls04	11990.8	-270.0	-12.0	-1.0	23.0	2.0	217.0
B403	360	GEO_Eqn_6.12b_nls04	11990.8	-65.0	24.0	1.0	27.0	-0.5	206.0
B403	360	GEO_Eqn_6.12b_nls04	12288.49	-65.0	31.0	1.0	27.0	-1.0	198.0
B403	360	GEO_Eqn_6.12b_nls04	12586.19	-65.0	38.0	1.0	27.0	-1.0	188.0
B403	360	GEO_Eqn_6.12b_nls04	12586.19	91.0	12.0	1.0	26.0	-2.0	177.0
B403	360	GEO_Eqn_6.12b_nls04	12883.89	91.0	19.0	1.0	26.0	-3.0	172.0
B403	360	GEO_Eqn_6.12b_nls04	13181.59	91.0	26.0	1.0	26.0	-3.0	166.0
B403	360	GEO_Eqn_6.12b_nls04	13181.59	273.0	36.0	-5.0	32.0	-4.0	158.0
B403	360	GEO_Eqn_6.12b_nls04	13479.29	273.0	43.0	-5.0	32.0	-3.0	146.0
B403	360	GEO_Eqn_6.12b_nls04	13776.99	273.0	50.0	-5.0	32.0	-2.0	132.0
B403	360	GEO_Eqn_6.12b_nls04	13776.99	411.0	59.0	-6.0	31.0	2.0	121.0
B403	360	GEO_Eqn_6.12b_nls04	14074.69	411.0	66.0	-6.0	31.0	4.0	102.0
B403	360	GEO_Eqn_6.12b_nls04	14372.39	411.0	72.0	-6.0	31.0	6.0	82.0
B403	360	GEO_Eqn_6.12b_nls05	0	0.0	-107.0	0.0	-70.0	0.0	-405.0
B403	360	GEO_Eqn_6.12b_nls05	400	0.0	-98.0	0.0	-70.0	0.0	-364.0
B403	360	GEO_Eqn_6.12b_nls05	400	0.0	139.0	0.0	-68.0	0.0	-362.0
B403	360	GEO_Eqn_6.12b_nls05	766.67	0.0	147.0	0.0	-68.0	0.0	-414.0
B403	360	GEO_Eqn_6.12b_nls05	1133.33	0.0	155.0	0.0	-68.0	0.0	-470.0
B403	360	GEO_Eqn_6.12b_nls05	1500	0.0	164.0	0.0	-68.0	0.0	-528.0
B403	360	GEO_Eqn_6.12b_nls05	1500	431.0	-211.0	5.0	-51.0	4.0	-515.0
B403	360	GEO_Eqn_6.12b_nls05	1780	431.0	-204.0	5.0	-51.0	3.0	-457.0
B403	360	GEO_Eqn_6.12b_nls05	2060	431.0	-198.0	5.0	-51.0	2.0	-400.0
B403	360	GEO_Eqn_6.12b_nls05	2060	244.0	-254.0	3.0	-50.0	-2.0	-342.0
B403	360	GEO_Eqn_6.12b_nls05	2433.33	244.0	-246.0	3.0	-50.0	-3.0	-249.0
B403	360	GEO_Eqn_6.12b_nls05	2433.33	198.0	-88.0	-0.1	-43.0	-3.0	-150.0
B403	360	GEO_Eqn_6.12b_nls05	2620	198.0	-84.0	-0.1	-43.0	-3.0	-134.0
B403	360	GEO_Eqn_6.12b_nls05	2620	3.0	-427.0	-1.0	-41.0	-2.0	-94.0
B403	360	GEO_Eqn_6.12b_nls05	2900	3.0	-420.0	-1.0	-41.0	-2.0	25.0
B403	360	GEO_Eqn_6.12b_nls05	3180	3.0	-414.0	-1.0	-41.0	-2.0	142.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls05	3180	-196.0	-75.0	-0.3	-39.0	-1.0	183.0
B403	360	GEO_Eqn_6.12b_nls05	3366.67	-196.0	-71.0	-0.3	-39.0	-1.0	197.0
B403	360	GEO_Eqn_6.12b_nls05	3366.67	-241.0	-187.0	-0.2	-33.0	1.0	274.0
B403	360	GEO_Eqn_6.12b_nls05	3740	-241.0	-178.0	-0.2	-33.0	1.0	342.0
B403	360	GEO_Eqn_6.12b_nls05	3740	-438.0	-24.0	-2.0	-33.0	1.0	382.0
B403	360	GEO_Eqn_6.12b_nls05	4020	-438.0	-18.0	-2.0	-33.0	2.0	388.0
B403	360	GEO_Eqn_6.12b_nls05	4300	-438.0	-11.0	-2.0	-33.0	2.0	392.0
B403	360	GEO_Eqn_6.12b_nls05	4300	0.0	468.0	0.0	-25.0	0.0	399.0
B403	360	GEO_Eqn_6.12b_nls05	4750	0.0	478.0	0.0	-25.0	0.0	186.0
B403	360	GEO_Eqn_6.12b_nls05	5200	0.0	489.0	0.0	-25.0	0.0	-32.0
B403	360	GEO_Eqn_6.12b_nls05	5200	0.0	241.0	0.0	-25.0	0.0	-36.0
B403	360	GEO_Eqn_6.12b_nls05	5400	0.0	245.0	0.0	-25.0	0.0	-84.0
B403	360	GEO_Eqn_6.12b_nls05	5400	39.0	-450.0	0.4	53.0	0.1	-41.0
B403	360	GEO_Eqn_6.12b_nls05	5850	39.0	-440.0	0.4	53.0	-0.1	160.0
B403	360	GEO_Eqn_6.12b_nls05	5850	-39.0	-256.0	-0.4	53.0	-0.1	203.0
B403	360	GEO_Eqn_6.12b_nls05	6300	-39.0	-246.0	-0.4	53.0	0.1	316.0
B403	360	GEO_Eqn_6.12b_nls05	6300	6.0	152.0	-0.2	57.0	-0.1	327.0
B403	360	GEO_Eqn_6.12b_nls05	6641.67	6.0	159.0	-0.2	57.0	-0.1	274.0
B403	360	GEO_Eqn_6.12b_nls05	6983.33	6.0	167.0	-0.2	57.0	0.0	218.0
B403	360	GEO_Eqn_6.12b_nls05	7325	6.0	175.0	-0.2	57.0	0.0	160.0
B403	360	GEO_Eqn_6.12b_nls05	7325	3.0	208.0	-0.4	76.0	-0.2	159.0
B403	360	GEO_Eqn_6.12b_nls05	7666.67	3.0	215.0	-0.4	76.0	0.0	87.0
B403	360	GEO_Eqn_6.12b_nls05	8008.33	3.0	223.0	-0.4	76.0	0.1	12.0
B403	360	GEO_Eqn_6.12b_nls05	8350	3.0	231.0	-0.4	76.0	0.2	-66.0
B403	360	GEO_Eqn_6.12b_nls05	8350	-1.0	267.0	-1.0	98.0	0.0	-67.0
B403	360	GEO_Eqn_6.12b_nls05	8691.67	-1.0	275.0	-1.0	98.0	0.1	-159.0
B403	360	GEO_Eqn_6.12b_nls05	9033.33	-1.0	282.0	-0.5	98.0	0.3	-254.0
B403	360	GEO_Eqn_6.12b_nls05	9375	-1.0	290.0	-0.5	98.0	0.5	-352.0
B403	360	GEO_Eqn_6.12b_nls05	9375	-7.0	314.0	0.4	112.0	0.0	-354.0
B403	360	GEO_Eqn_6.12b_nls05	9716.67	-7.0	322.0	0.4	112.0	-0.1	-463.0
B403	360	GEO_Eqn_6.12b_nls05	10058.33	-7.0	329.0	0.4	112.0	-0.3	-574.0
B403	360	GEO_Eqn_6.12b_nls05	10400	-7.0	337.0	0.4	112.0	-0.4	-688.0
B403	360	GEO_Eqn_6.12b_nls05	10400	0.0	188.0	0.0	114.0	0.0	-684.0
B403	360	GEO_Eqn_6.12b_nls05	10800	0.0	197.0	0.0	114.0	0.0	-761.0
B403	360	GEO_Eqn_6.12b_nls05	10800	532.0	-741.0	2.0	-29.0	1.0	-750.0
B403	360	GEO_Eqn_6.12b_nls05	11097.7	532.0	-734.0	2.0	-29.0	0.5	-531.0
B403	360	GEO_Eqn_6.12b_nls05	11395.4	532.0	-727.0	2.0	-29.0	-0.2	-314.0
B403	360	GEO_Eqn_6.12b_nls05	11395.4	375.0	-465.0	2.0	-29.0	-2.0	-254.0
B403	360	GEO_Eqn_6.12b_nls05	11693.1	375.0	-458.0	2.0	-29.0	-3.0	-117.0
B403	360	GEO_Eqn_6.12b_nls05	11990.8	375.0	-451.0	2.0	-29.0	-3.0	18.0
B403	360	GEO_Eqn_6.12b_nls05	11990.8	150.0	-205.0	-2.0	-20.0	-1.0	45.0
B403	360	GEO_Eqn_6.12b_nls05	12288.49	150.0	-199.0	-2.0	-20.0	-0.4	105.0
B403	360	GEO_Eqn_6.12b_nls05	12586.19	150.0	-192.0	-2.0	-20.0	0.1	163.0
B403	360	GEO_Eqn_6.12b_nls05	12586.19	-64.0	-59.0	-2.0	-20.0	2.0	185.0
B403	360	GEO_Eqn_6.12b_nls05	12883.89	-64.0	-53.0	-2.0	-20.0	2.0	202.0
B403	360	GEO_Eqn_6.12b_nls05	13181.59	-64.0	-46.0	-2.0	-20.0	3.0	216.0
B403	360	GEO_Eqn_6.12b_nls05	13181.59	-368.0	74.0	5.0	-8.0	5.0	229.0
B403	360	GEO_Eqn_6.12b_nls05	13479.29	-368.0	81.0	5.0	-8.0	4.0	206.0
B403	360	GEO_Eqn_6.12b_nls05	13776.99	-368.0	88.0	5.0	-8.0	2.0	181.0
B403	360	GEO_Eqn_6.12b_nls05	13776.99	-625.0	214.0	6.0	-7.0	-1.0	185.0
B403	360	GEO_Eqn_6.12b_nls05	14074.69	-625.0	221.0	6.0	-7.0	-3.0	121.0
B403	360	GEO_Eqn_6.12b_nls05	14372.39	-625.0	227.0	6.0	-7.0	-5.0	54.0
B403	360	GEO_Eqn_6.12b_nls06	0	0.0	-233.0	0.0	-101.0	0.0	-520.0
B403	360	GEO_Eqn_6.12b_nls06	400	0.0	-224.0	0.0	-101.0	0.0	-429.0
B403	360	GEO_Eqn_6.12b_nls06	400	0.0	57.0	0.0	-101.0	0.0	-425.0
B403	360	GEO_Eqn_6.12b_nls06	766.67	0.0	65.0	0.0	-101.0	0.0	-447.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls06	1133.33	0.0	73.0	0.0	-101.0	0.0	-472.0
B403	360	GEO_Eqn_6.12b_nls06	1500	0.0	81.0	0.0	-101.0	0.0	-501.0
B403	360	GEO_Eqn_6.12b_nls06	1500	430.0	-255.0	6.0	-86.0	6.0	-487.0
B403	360	GEO_Eqn_6.12b_nls06	1780	430.0	-249.0	6.0	-86.0	4.0	-416.0
B403	360	GEO_Eqn_6.12b_nls06	2060	430.0	-242.0	6.0	-86.0	2.0	-347.0
B403	360	GEO_Eqn_6.12b_nls06	2060	249.0	-263.0	3.0	-85.0	-3.0	-286.0
B403	360	GEO_Eqn_6.12b_nls06	2433.33	249.0	-255.0	3.0	-85.0	-4.0	-190.0
B403	360	GEO_Eqn_6.12b_nls06	2433.33	203.0	-91.0	-0.1	-79.0	-4.0	-88.0
B403	360	GEO_Eqn_6.12b_nls06	2620	203.0	-87.0	-0.1	-79.0	-4.0	-71.0
B403	360	GEO_Eqn_6.12b_nls06	2620	10.0	-422.0	-2.0	-78.0	-3.0	-30.0
B403	360	GEO_Eqn_6.12b_nls06	2900	10.0	-416.0	-2.0	-78.0	-3.0	87.0
B403	360	GEO_Eqn_6.12b_nls06	3180	10.0	-410.0	-2.0	-78.0	-2.0	203.0
B403	360	GEO_Eqn_6.12b_nls06	3180	-195.0	-69.0	-0.3	-77.0	-1.0	243.0
B403	360	GEO_Eqn_6.12b_nls06	3366.67	-195.0	-65.0	-0.3	-77.0	-1.0	255.0
B403	360	GEO_Eqn_6.12b_nls06	3366.67	-241.0	-170.0	-1.0	-72.0	0.2	326.0
B403	360	GEO_Eqn_6.12b_nls06	3740	-241.0	-161.0	-1.0	-72.0	0.4	388.0
B403	360	GEO_Eqn_6.12b_nls06	3740	-448.0	48.0	-3.0	-72.0	2.0	424.0
B403	360	GEO_Eqn_6.12b_nls06	4020	-448.0	54.0	-3.0	-72.0	2.0	409.0
B403	360	GEO_Eqn_6.12b_nls06	4300	-448.0	60.0	-3.0	-72.0	3.0	394.0
B403	360	GEO_Eqn_6.12b_nls06	4300	0.0	595.0	0.0	-67.0	0.0	399.0
B403	360	GEO_Eqn_6.12b_nls06	4750	0.0	605.0	0.0	-67.0	0.0	129.0
B403	360	GEO_Eqn_6.12b_nls06	5200	0.0	615.0	0.0	-67.0	0.0	-146.0
B403	360	GEO_Eqn_6.12b_nls06	5200	0.0	376.0	0.0	-67.0	0.0	-152.0
B403	360	GEO_Eqn_6.12b_nls06	5400	0.0	381.0	0.0	-67.0	0.0	-228.0
B403	360	GEO_Eqn_6.12b_nls06	5400	35.0	-553.0	1.0	66.0	0.1	-181.0
B403	360	GEO_Eqn_6.12b_nls06	5850	35.0	-543.0	1.0	66.0	-0.1	65.0
B403	360	GEO_Eqn_6.12b_nls06	5850	-35.0	-286.0	-1.0	65.0	-0.1	115.0
B403	360	GEO_Eqn_6.12b_nls06	6300	-35.0	-276.0	-1.0	65.0	0.1	241.0
B403	360	GEO_Eqn_6.12b_nls06	6300	5.0	139.0	-0.1	68.0	-0.1	251.0
B403	360	GEO_Eqn_6.12b_nls06	6641.67	5.0	147.0	-0.1	68.0	0.0	203.0
B403	360	GEO_Eqn_6.12b_nls06	6983.33	5.0	155.0	-0.1	68.0	0.0	151.0
B403	360	GEO_Eqn_6.12b_nls06	7325	5.0	162.0	-0.1	68.0	0.0	97.0
B403	360	GEO_Eqn_6.12b_nls06	7325	2.0	195.0	-0.3	87.0	-0.2	96.0
B403	360	GEO_Eqn_6.12b_nls06	7666.67	2.0	203.0	-0.3	87.0	-0.1	28.0
B403	360	GEO_Eqn_6.12b_nls06	8008.33	2.0	210.0	-0.3	87.0	0.0	-42.0
B403	360	GEO_Eqn_6.12b_nls06	8350	2.0	218.0	-0.3	87.0	0.2	-115.0
B403	360	GEO_Eqn_6.12b_nls06	8350	-1.0	255.0	-0.4	109.0	0.0	-117.0
B403	360	GEO_Eqn_6.12b_nls06	8691.67	-1.0	262.0	-0.4	109.0	0.1	-205.0
B403	360	GEO_Eqn_6.12b_nls06	9033.33	-1.0	270.0	-0.4	109.0	0.2	-296.0
B403	360	GEO_Eqn_6.12b_nls06	9375	-1.0	278.0	-0.4	109.0	0.4	-389.0
B403	360	GEO_Eqn_6.12b_nls06	9375	-6.0	302.0	0.2	123.0	0.0	-391.0
B403	360	GEO_Eqn_6.12b_nls06	9716.67	-6.0	309.0	0.3	123.0	-0.1	-496.0
B403	360	GEO_Eqn_6.12b_nls06	10058.33	-6.0	317.0	0.3	123.0	-0.2	-603.0
B403	360	GEO_Eqn_6.12b_nls06	10400	-6.0	325.0	0.3	123.0	-0.3	-712.0
B403	360	GEO_Eqn_6.12b_nls06	10400	0.0	299.0	0.0	124.0	0.0	-710.0
B403	360	GEO_Eqn_6.12b_nls06	10800	0.0	308.0	0.0	124.0	0.0	-832.0
B403	360	GEO_Eqn_6.12b_nls06	10800	372.0	-930.0	2.0	-3.0	2.0	-827.0
B403	360	GEO_Eqn_6.12b_nls06	11097.7	372.0	-923.0	2.0	-3.0	1.0	-551.0
B403	360	GEO_Eqn_6.12b_nls06	11395.4	372.0	-916.0	2.0	-3.0	1.0	-277.0
B403	360	GEO_Eqn_6.12b_nls06	11395.4	280.0	-549.0	2.0	-3.0	-1.0	-211.0
B403	360	GEO_Eqn_6.12b_nls06	11693.1	280.0	-543.0	2.0	-3.0	-2.0	-48.0
B403	360	GEO_Eqn_6.12b_nls06	11990.8	280.0	-536.0	2.0	-3.0	-3.0	112.0
B403	360	GEO_Eqn_6.12b_nls06	11990.8	132.0	-240.0	-1.0	2.0	-1.0	138.0
B403	360	GEO_Eqn_6.12b_nls06	12288.49	132.0	-233.0	-1.0	2.0	-1.0	208.0
B403	360	GEO_Eqn_6.12b_nls06	12586.19	132.0	-226.0	-1.0	2.0	-1.0	276.0
B403	360	GEO_Eqn_6.12b_nls06	12586.19	-28.0	-67.0	-1.0	2.0	0.2	297.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls06	12883.89	-28.0	-60.0	-1.0	2.0	0.5	316.0
B403	360	GEO_Eqn_6.12b_nls06	13181.59	-28.0	-53.0	-1.0	2.0	1.0	333.0
B403	360	GEO_Eqn_6.12b_nls06	13181.59	-271.0	103.0	2.0	9.0	3.0	343.0
B403	360	GEO_Eqn_6.12b_nls06	13479.29	-271.0	110.0	2.0	9.0	2.0	312.0
B403	360	GEO_Eqn_6.12b_nls06	13776.99	-271.0	117.0	2.0	9.0	1.0	278.0
B403	360	GEO_Eqn_6.12b_nls06	13776.99	-486.0	321.0	2.0	9.0	-0.3	275.0
B403	360	GEO_Eqn_6.12b_nls06	14074.69	-486.0	327.0	2.0	9.0	-1.0	179.0
B403	360	GEO_Eqn_6.12b_nls06	14372.39	-486.0	334.0	2.0	9.0	-1.0	80.0
B403	360	GEO_Eqn_6.12b_nls07	0	0.0	-435.0	0.0	15.0	0.0	135.0
B403	360	GEO_Eqn_6.12b_nls07	400	0.0	-426.0	0.0	15.0	0.0	308.0
B403	360	GEO_Eqn_6.12b_nls07	400	0.0	-433.0	0.0	15.0	0.0	313.0
B403	360	GEO_Eqn_6.12b_nls07	766.67	0.0	-425.0	0.0	15.0	0.0	470.0
B403	360	GEO_Eqn_6.12b_nls07	1133.33	0.0	-417.0	0.0	15.0	0.0	624.0
B403	360	GEO_Eqn_6.12b_nls07	1500	0.0	-408.0	0.0	15.0	0.0	775.0
B403	360	GEO_Eqn_6.12b_nls07	1500	-288.0	59.0	-1.0	28.0	-1.0	767.0
B403	360	GEO_Eqn_6.12b_nls07	1780	-288.0	66.0	-1.0	28.0	-1.0	749.0
B403	360	GEO_Eqn_6.12b_nls07	2060	-288.0	72.0	-1.0	28.0	-0.4	730.0
B403	360	GEO_Eqn_6.12b_nls07	2060	-134.0	179.0	-1.0	29.0	1.0	689.0
B403	360	GEO_Eqn_6.12b_nls07	2433.33	-134.0	187.0	-1.0	29.0	1.0	621.0
B403	360	GEO_Eqn_6.12b_nls07	2433.33	-99.0	71.0	0.2	35.0	1.0	544.0
B403	360	GEO_Eqn_6.12b_nls07	2620	-99.0	76.0	0.2	35.0	1.0	531.0
B403	360	GEO_Eqn_6.12b_nls07	2620	31.0	368.0	1.0	37.0	1.0	495.0
B403	360	GEO_Eqn_6.12b_nls07	2900	31.0	375.0	1.0	37.0	0.3	391.0
B403	360	GEO_Eqn_6.12b_nls07	3180	31.0	381.0	1.0	37.0	0.0	285.0
B403	360	GEO_Eqn_6.12b_nls07	3180	130.0	71.0	0.1	38.0	-1.0	254.0
B403	360	GEO_Eqn_6.12b_nls07	3366.67	130.0	75.0	0.1	38.0	-1.0	241.0
B403	360	GEO_Eqn_6.12b_nls07	3366.67	154.0	212.0	-0.2	44.0	-1.0	159.0
B403	360	GEO_Eqn_6.12b_nls07	3740	154.0	221.0	-0.2	44.0	-1.0	79.0
B403	360	GEO_Eqn_6.12b_nls07	3740	233.0	288.0	-1.0	45.0	-0.3	31.0
B403	360	GEO_Eqn_6.12b_nls07	4020	233.0	294.0	-1.0	45.0	0.0	-51.0
B403	360	GEO_Eqn_6.12b_nls07	4300	233.0	301.0	-1.0	45.0	0.4	-134.0
B403	360	GEO_Eqn_6.12b_nls07	4300	0.0	219.0	0.0	54.0	0.0	-143.0
B403	360	GEO_Eqn_6.12b_nls07	4750	0.0	229.0	0.0	54.0	0.0	-244.0
B403	360	GEO_Eqn_6.12b_nls07	5200	0.0	239.0	0.0	54.0	0.0	-350.0
B403	360	GEO_Eqn_6.12b_nls07	5200	0.0	334.0	0.0	55.0	0.0	-355.0
B403	360	GEO_Eqn_6.12b_nls07	5400	0.0	338.0	0.0	55.0	0.0	-422.0
B403	360	GEO_Eqn_6.12b_nls07	5400	-28.0	-170.0	0.3	-11.0	0.1	-428.0
B403	360	GEO_Eqn_6.12b_nls07	5850	-28.0	-160.0	0.3	-11.0	-0.1	-354.0
B403	360	GEO_Eqn_6.12b_nls07	5850	28.0	-85.0	-0.3	-12.0	-0.1	-349.0
B403	360	GEO_Eqn_6.12b_nls07	6300	28.0	-74.0	-0.3	-12.0	0.1	-313.0
B403	360	GEO_Eqn_6.12b_nls07	6300	-3.0	-238.0	-0.1	-7.0	-0.1	-315.0
B403	360	GEO_Eqn_6.12b_nls07	6641.67	-3.0	-231.0	-0.1	-7.0	0.0	-235.0
B403	360	GEO_Eqn_6.12b_nls07	6983.33	-3.0	-223.0	-0.1	-7.0	0.0	-157.0
B403	360	GEO_Eqn_6.12b_nls07	7325	-3.0	-215.0	-0.1	-7.0	0.0	-83.0
B403	360	GEO_Eqn_6.12b_nls07	7325	-1.0	-183.0	0.2	11.0	0.2	-82.0
B403	360	GEO_Eqn_6.12b_nls07	7666.67	-1.0	-175.0	0.2	11.0	0.1	-21.0
B403	360	GEO_Eqn_6.12b_nls07	8008.33	-1.0	-168.0	0.2	11.0	0.0	38.0
B403	360	GEO_Eqn_6.12b_nls07	8350	-1.0	-160.0	0.2	11.0	-0.1	94.0
B403	360	GEO_Eqn_6.12b_nls07	8350	1.0	-124.0	0.3	33.0	0.1	94.0
B403	360	GEO_Eqn_6.12b_nls07	8691.67	1.0	-116.0	0.3	33.0	0.0	134.0
B403	360	GEO_Eqn_6.12b_nls07	9033.33	1.0	-108.0	0.3	33.0	-0.1	173.0
B403	360	GEO_Eqn_6.12b_nls07	9375	1.0	-101.0	0.3	33.0	-0.2	208.0
B403	360	GEO_Eqn_6.12b_nls07	9375	4.0	-76.0	-0.1	47.0	0.0	208.0
B403	360	GEO_Eqn_6.12b_nls07	9716.67	4.0	-68.0	-0.1	47.0	0.0	232.0
B403	360	GEO_Eqn_6.12b_nls07	10058.33	4.0	-60.0	-0.1	47.0	0.1	254.0
B403	360	GEO_Eqn_6.12b_nls07	10400	4.0	-53.0	-0.1	47.0	0.1	273.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls07	10400	0.0	152.0	0.0	49.0	0.0	268.0
B403	360	GEO_Eqn_6.12b_nls07	10800	0.0	161.0	0.0	49.0	0.0	206.0
B403	360	GEO_Eqn_6.12b_nls07	10800	-309.0	-0.3	-0.1	1.0	1.0	196.0
B403	360	GEO_Eqn_6.12b_nls07	11097.7	-309.0	6.0	-0.1	1.0	1.0	195.0
B403	360	GEO_Eqn_6.12b_nls07	11395.4	-309.0	13.0	-0.1	1.0	1.0	192.0
B403	360	GEO_Eqn_6.12b_nls07	11395.4	-192.0	49.0	-0.5	0.4	1.0	182.0
B403	360	GEO_Eqn_6.12b_nls07	11693.1	-192.0	56.0	-0.5	0.4	1.0	166.0
B403	360	GEO_Eqn_6.12b_nls07	11990.8	-192.0	63.0	-0.5	0.4	1.0	149.0
B403	360	GEO_Eqn_6.12b_nls07	11990.8	-49.0	55.0	1.0	7.0	-0.3	139.0
B403	360	GEO_Eqn_6.12b_nls07	12288.49	-49.0	62.0	1.0	7.0	-1.0	122.0
B403	360	GEO_Eqn_6.12b_nls07	12586.19	-49.0	68.0	1.0	7.0	-1.0	102.0
B403	360	GEO_Eqn_6.12b_nls07	12586.19	61.0	20.0	0.5	7.0	-1.0	92.0
B403	360	GEO_Eqn_6.12b_nls07	12883.89	61.0	26.0	0.5	7.0	-1.0	86.0
B403	360	GEO_Eqn_6.12b_nls07	13181.59	61.0	33.0	0.5	7.0	-2.0	77.0
B403	360	GEO_Eqn_6.12b_nls07	13181.59	193.0	15.0	-3.0	17.0	-3.0	71.0
B403	360	GEO_Eqn_6.12b_nls07	13479.29	193.0	22.0	-3.0	17.0	-2.0	65.0
B403	360	GEO_Eqn_6.12b_nls07	13776.99	193.0	28.0	-3.0	17.0	-1.0	58.0
B403	360	GEO_Eqn_6.12b_nls07	13776.99	296.0	-19.0	-3.0	16.0	1.0	52.0
B403	360	GEO_Eqn_6.12b_nls07	14074.69	296.0	-12.0	-3.0	16.0	2.0	56.0
B403	360	GEO_Eqn_6.12b_nls07	14372.39	296.0	-5.0	-3.0	16.0	3.0	59.0
B403	360	GEO_Eqn_6.12b_nls08	0	0.0	-579.0	0.0	-14.0	0.0	22.0
B403	360	GEO_Eqn_6.12b_nls08	400	0.0	-570.0	0.0	-14.0	0.0	252.0
B403	360	GEO_Eqn_6.12b_nls08	400	0.0	-549.0	0.0	-16.0	0.0	258.0
B403	360	GEO_Eqn_6.12b_nls08	766.67	0.0	-540.0	0.0	-16.0	0.0	457.0
B403	360	GEO_Eqn_6.12b_nls08	1133.33	0.0	-532.0	0.0	-16.0	0.0	654.0
B403	360	GEO_Eqn_6.12b_nls08	1500	0.0	-524.0	0.0	-16.0	0.0	848.0
B403	360	GEO_Eqn_6.12b_nls08	1500	-321.0	18.0	-1.0	-5.0	-0.3	839.0
B403	360	GEO_Eqn_6.12b_nls08	1780	-321.0	24.0	-1.0	-5.0	-0.1	833.0
B403	360	GEO_Eqn_6.12b_nls08	2060	-321.0	30.0	-1.0	-5.0	0.0	825.0
B403	360	GEO_Eqn_6.12b_nls08	2060	-145.0	183.0	-1.0	-5.0	1.0	784.0
B403	360	GEO_Eqn_6.12b_nls08	2433.33	-145.0	191.0	-1.0	-5.0	1.0	714.0
B403	360	GEO_Eqn_6.12b_nls08	2433.33	-108.0	73.0	0.2	-0.1	1.0	636.0
B403	360	GEO_Eqn_6.12b_nls08	2620	-108.0	77.0	0.3	-0.1	1.0	622.0
B403	360	GEO_Eqn_6.12b_nls08	2620	39.0	397.0	1.0	1.0	0.1	584.0
B403	360	GEO_Eqn_6.12b_nls08	2900	39.0	403.0	1.0	1.0	-0.2	472.0
B403	360	GEO_Eqn_6.12b_nls08	3180	39.0	410.0	1.0	1.0	-1.0	358.0
B403	360	GEO_Eqn_6.12b_nls08	3180	146.0	81.0	0.0	2.0	-1.0	324.0
B403	360	GEO_Eqn_6.12b_nls08	3366.67	146.0	86.0	0.0	2.0	-1.0	309.0
B403	360	GEO_Eqn_6.12b_nls08	3366.67	171.0	242.0	-1.0	6.0	-2.0	216.0
B403	360	GEO_Eqn_6.12b_nls08	3740	171.0	250.0	-1.0	6.0	-1.0	124.0
B403	360	GEO_Eqn_6.12b_nls08	3740	252.0	369.0	-3.0	7.0	0.0	69.0
B403	360	GEO_Eqn_6.12b_nls08	4020	252.0	375.0	-3.0	7.0	1.0	-35.0
B403	360	GEO_Eqn_6.12b_nls08	4300	252.0	382.0	-3.0	7.0	1.0	-141.0
B403	360	GEO_Eqn_6.12b_nls08	4300	0.0	337.0	0.0	13.0	0.0	-153.0
B403	360	GEO_Eqn_6.12b_nls08	4750	0.0	347.0	0.0	13.0	0.0	-307.0
B403	360	GEO_Eqn_6.12b_nls08	5200	0.0	357.0	0.0	13.0	0.0	-465.0
B403	360	GEO_Eqn_6.12b_nls08	5200	0.0	472.0	0.0	14.0	0.0	-473.0
B403	360	GEO_Eqn_6.12b_nls08	5400	0.0	477.0	0.0	14.0	0.0	-568.0
B403	360	GEO_Eqn_6.12b_nls08	5400	-34.0	-276.0	0.5	-0.3	0.1	-571.0
B403	360	GEO_Eqn_6.12b_nls08	5850	-34.0	-266.0	0.5	-0.3	-0.1	-449.0
B403	360	GEO_Eqn_6.12b_nls08	5850	34.0	-111.0	-1.0	-1.0	-0.1	-438.0
B403	360	GEO_Eqn_6.12b_nls08	6300	34.0	-101.0	-1.0	-1.0	0.1	-390.0
B403	360	GEO_Eqn_6.12b_nls08	6300	-5.0	-254.0	0.0	2.0	0.0	-393.0
B403	360	GEO_Eqn_6.12b_nls08	6641.67	-5.0	-246.0	0.0	2.0	0.0	-308.0
B403	360	GEO_Eqn_6.12b_nls08	6983.33	-5.0	-239.0	0.0	2.0	0.0	-225.0
B403	360	GEO_Eqn_6.12b_nls08	7325	-5.0	-231.0	0.0	2.0	0.0	-145.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls08	7325	-2.0	-199.0	0.3	21.0	0.2	-144.0
B403	360	GEO_Eqn_6.12b_nls08	7666.67	-2.0	-191.0	0.3	21.0	0.1	-78.0
B403	360	GEO_Eqn_6.12b_nls08	8008.33	-2.0	-183.0	0.3	21.0	0.0	-14.0
B403	360	GEO_Eqn_6.12b_nls08	8350	-2.0	-176.0	0.3	21.0	-0.1	47.0
B403	360	GEO_Eqn_6.12b_nls08	8350	1.0	-139.0	0.4	43.0	0.1	47.0
B403	360	GEO_Eqn_6.12b_nls08	8691.67	1.0	-131.0	0.4	43.0	-0.1	93.0
B403	360	GEO_Eqn_6.12b_nls08	9033.33	1.0	-124.0	0.4	43.0	-0.2	137.0
B403	360	GEO_Eqn_6.12b_nls08	9375	1.0	-116.0	0.5	43.0	-0.4	178.0
B403	360	GEO_Eqn_6.12b_nls08	9375	6.0	-91.0	-0.3	57.0	0.0	177.0
B403	360	GEO_Eqn_6.12b_nls08	9716.67	6.0	-83.0	-0.3	57.0	0.1	207.0
B403	360	GEO_Eqn_6.12b_nls08	10058.33	6.0	-76.0	-0.3	57.0	0.2	234.0
B403	360	GEO_Eqn_6.12b_nls08	10400	6.0	-68.0	-0.3	57.0	0.3	259.0
B403	360	GEO_Eqn_6.12b_nls08	10400	0.0	268.0	0.0	57.0	0.0	251.0
B403	360	GEO_Eqn_6.12b_nls08	10800	0.0	277.0	0.0	57.0	0.0	143.0
B403	360	GEO_Eqn_6.12b_nls08	10800	-496.0	-179.0	-0.1	31.0	1.0	127.0
B403	360	GEO_Eqn_6.12b_nls08	11097.7	-496.0	-172.0	-0.1	31.0	1.0	180.0
B403	360	GEO_Eqn_6.12b_nls08	11395.4	-496.0	-165.0	-0.1	31.0	1.0	230.0
B403	360	GEO_Eqn_6.12b_nls08	11395.4	-306.0	-28.0	-1.0	30.0	2.0	226.0
B403	360	GEO_Eqn_6.12b_nls08	11693.1	-306.0	-21.0	-1.0	30.0	2.0	233.0
B403	360	GEO_Eqn_6.12b_nls08	11990.8	-306.0	-14.0	-1.0	30.0	2.0	239.0
B403	360	GEO_Eqn_6.12b_nls08	11990.8	-75.0	24.0	2.0	33.0	-0.5	227.0
B403	360	GEO_Eqn_6.12b_nls08	12288.49	-75.0	31.0	2.0	33.0	-1.0	218.0
B403	360	GEO_Eqn_6.12b_nls08	12586.19	-75.0	38.0	2.0	33.0	-1.0	208.0
B403	360	GEO_Eqn_6.12b_nls08	12586.19	101.0	12.0	1.0	33.0	-3.0	196.0
B403	360	GEO_Eqn_6.12b_nls08	12883.89	101.0	19.0	1.0	33.0	-3.0	191.0
B403	360	GEO_Eqn_6.12b_nls08	13181.59	101.0	26.0	1.0	33.0	-3.0	185.0
B403	360	GEO_Eqn_6.12b_nls08	13181.59	309.0	39.0	-5.0	37.0	-5.0	176.0
B403	360	GEO_Eqn_6.12b_nls08	13479.29	309.0	46.0	-5.0	37.0	-4.0	163.0
B403	360	GEO_Eqn_6.12b_nls08	13776.99	309.0	53.0	-5.0	37.0	-2.0	148.0
B403	360	GEO_Eqn_6.12b_nls08	13776.99	467.0	73.0	-7.0	36.0	2.0	135.0
B403	360	GEO_Eqn_6.12b_nls08	14074.69	467.0	80.0	-7.0	36.0	4.0	113.0
B403	360	GEO_Eqn_6.12b_nls08	14372.39	467.0	87.0	-7.0	36.0	6.0	88.0
B403	360	GEO_Eqn_6.12b_nls09	0	0.0	-69.0	0.0	-7.0	0.0	-106.0
B403	360	GEO_Eqn_6.12b_nls09	400	0.0	-60.0	0.0	-7.0	0.0	-81.0
B403	360	GEO_Eqn_6.12b_nls09	400	0.0	26.0	0.0	-4.0	0.0	-79.0
B403	360	GEO_Eqn_6.12b_nls09	766.67	0.0	35.0	0.0	-4.0	0.0	-90.0
B403	360	GEO_Eqn_6.12b_nls09	1133.33	0.0	43.0	0.0	-4.0	0.0	-105.0
B403	360	GEO_Eqn_6.12b_nls09	1500	0.0	51.0	0.0	-4.0	0.0	-122.0
B403	360	GEO_Eqn_6.12b_nls09	1500	171.0	-71.0	1.0	15.0	1.0	-117.0
B403	360	GEO_Eqn_6.12b_nls09	1780	171.0	-65.0	1.0	15.0	1.0	-98.0
B403	360	GEO_Eqn_6.12b_nls09	2060	171.0	-59.0	1.0	15.0	0.3	-81.0
B403	360	GEO_Eqn_6.12b_nls09	2060	99.0	-96.0	1.0	16.0	-1.0	-59.0
B403	360	GEO_Eqn_6.12b_nls09	2433.33	99.0	-88.0	1.0	16.0	-1.0	-25.0
B403	360	GEO_Eqn_6.12b_nls09	2433.33	83.0	-30.0	0.0	25.0	-1.0	11.0
B403	360	GEO_Eqn_6.12b_nls09	2620	83.0	-26.0	0.0	25.0	-1.0	16.0
B403	360	GEO_Eqn_6.12b_nls09	2620	5.0	-162.0	-0.3	27.0	-1.0	29.0
B403	360	GEO_Eqn_6.12b_nls09	2900	5.0	-156.0	-0.3	27.0	-0.4	74.0
B403	360	GEO_Eqn_6.12b_nls09	3180	5.0	-149.0	-0.3	27.0	-0.4	116.0
B403	360	GEO_Eqn_6.12b_nls09	3180	-78.0	-33.0	-0.1	30.0	-0.2	134.0
B403	360	GEO_Eqn_6.12b_nls09	3366.67	-78.0	-29.0	-0.1	30.0	-0.1	140.0
B403	360	GEO_Eqn_6.12b_nls09	3366.67	-95.0	-72.0	0.3	37.0	0.5	171.0
B403	360	GEO_Eqn_6.12b_nls09	3740	-95.0	-64.0	0.3	37.0	0.4	196.0
B403	360	GEO_Eqn_6.12b_nls09	3740	-180.0	-13.0	-0.1	39.0	0.2	212.0
B403	360	GEO_Eqn_6.12b_nls09	4020	-180.0	-6.0	-0.1	39.0	0.3	215.0
B403	360	GEO_Eqn_6.12b_nls09	4300	-180.0	-0.1	-0.1	39.0	0.3	216.0
B403	360	GEO_Eqn_6.12b_nls09	4300	0.0	209.0	0.0	50.0	0.0	219.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls09	4750	0.0	219.0	0.0	50.0	0.0	123.0
B403	360	GEO_Eqn_6.12b_nls09	5200	0.0	229.0	0.0	50.0	0.0	22.0
B403	360	GEO_Eqn_6.12b_nls09	5200	0.0	92.0	0.0	51.0	0.0	21.0
B403	360	GEO_Eqn_6.12b_nls09	5400	0.0	97.0	0.0	51.0	0.0	2.0
B403	360	GEO_Eqn_6.12b_nls09	5400	21.0	-232.0	0.1	13.0	0.0	21.0
B403	360	GEO_Eqn_6.12b_nls09	5850	21.0	-222.0	0.2	13.0	0.0	123.0
B403	360	GEO_Eqn_6.12b_nls09	5850	-21.0	-159.0	-0.2	13.0	0.0	147.0
B403	360	GEO_Eqn_6.12b_nls09	6300	-21.0	-149.0	-0.2	13.0	0.0	216.0
B403	360	GEO_Eqn_6.12b_nls09	6300	4.0	44.0	-0.3	19.0	-0.2	223.0
B403	360	GEO_Eqn_6.12b_nls09	6641.67	4.0	51.0	-0.3	19.0	-0.1	207.0
B403	360	GEO_Eqn_6.12b_nls09	6983.33	4.0	59.0	-0.3	19.0	0.0	188.0
B403	360	GEO_Eqn_6.12b_nls09	7325	4.0	67.0	-0.3	19.0	0.0	167.0
B403	360	GEO_Eqn_6.12b_nls09	7325	2.0	99.0	-0.3	38.0	-0.1	166.0
B403	360	GEO_Eqn_6.12b_nls09	7666.67	2.0	107.0	-0.2	38.0	0.0	131.0
B403	360	GEO_Eqn_6.12b_nls09	8008.33	2.0	115.0	-0.2	38.0	0.1	93.0
B403	360	GEO_Eqn_6.12b_nls09	8350	2.0	122.0	-0.2	38.0	0.2	53.0
B403	360	GEO_Eqn_6.12b_nls09	8350	-0.4	159.0	-0.4	59.0	0.0	52.0
B403	360	GEO_Eqn_6.12b_nls09	8691.67	-0.4	166.0	-0.4	59.0	0.2	-4.0
B403	360	GEO_Eqn_6.12b_nls09	9033.33	-0.4	174.0	-0.4	59.0	0.3	-62.0
B403	360	GEO_Eqn_6.12b_nls09	9375	-0.4	182.0	-0.4	59.0	0.4	-123.0
B403	360	GEO_Eqn_6.12b_nls09	9375	-5.0	206.0	0.4	73.0	0.0	-124.0
B403	360	GEO_Eqn_6.12b_nls09	9716.67	-5.0	213.0	0.4	73.0	-0.1	-196.0
B403	360	GEO_Eqn_6.12b_nls09	10058.33	-5.0	221.0	0.4	73.0	-0.3	-270.0
B403	360	GEO_Eqn_6.12b_nls09	10400	-5.0	229.0	0.4	73.0	-0.4	-347.0
B403	360	GEO_Eqn_6.12b_nls09	10400	0.0	41.0	0.0	76.0	0.0	-343.0
B403	360	GEO_Eqn_6.12b_nls09	10800	0.0	50.0	0.0	76.0	0.0	-361.0
B403	360	GEO_Eqn_6.12b_nls09	10800	439.0	-256.0	1.0	-61.0	-0.1	-350.0
B403	360	GEO_Eqn_6.12b_nls09	11097.7	439.0	-249.0	1.0	-61.0	-1.0	-275.0
B403	360	GEO_Eqn_6.12b_nls09	11395.4	439.0	-243.0	1.0	-61.0	-1.0	-202.0
B403	360	GEO_Eqn_6.12b_nls09	11395.4	296.0	-188.0	1.0	-61.0	-2.0	-175.0
B403	360	GEO_Eqn_6.12b_nls09	11693.1	296.0	-182.0	1.0	-61.0	-2.0	-120.0
B403	360	GEO_Eqn_6.12b_nls09	11990.8	296.0	-175.0	1.0	-61.0	-3.0	-67.0
B403	360	GEO_Eqn_6.12b_nls09	11990.8	102.0	-78.0	-2.0	-47.0	-0.4	-51.0
B403	360	GEO_Eqn_6.12b_nls09	12288.49	102.0	-71.0	-2.0	-47.0	0.1	-29.0
B403	360	GEO_Eqn_6.12b_nls09	12586.19	102.0	-64.0	-2.0	-47.0	1.0	-9.0
B403	360	GEO_Eqn_6.12b_nls09	12586.19	-67.0	-26.0	-2.0	-47.0	2.0	4.0
B403	360	GEO_Eqn_6.12b_nls09	12883.89	-67.0	-20.0	-2.0	-47.0	3.0	11.0
B403	360	GEO_Eqn_6.12b_nls09	13181.59	-67.0	-13.0	-2.0	-47.0	3.0	16.0
B403	360	GEO_Eqn_6.12b_nls09	13181.59	-292.0	15.0	5.0	-29.0	6.0	26.0
B403	360	GEO_Eqn_6.12b_nls09	13479.29	-292.0	21.0	5.0	-29.0	4.0	20.0
B403	360	GEO_Eqn_6.12b_nls09	13776.99	-292.0	28.0	5.0	-29.0	3.0	13.0
B403	360	GEO_Eqn_6.12b_nls09	13776.99	-477.0	-4.0	7.0	-28.0	-2.0	22.0
B403	360	GEO_Eqn_6.12b_nls09	14074.69	-477.0	2.0	7.0	-28.0	-4.0	22.0
B403	360	GEO_Eqn_6.12b_nls09	14372.39	-477.0	9.0	7.0	-28.0	-6.0	21.0
B403	360	GEO_Eqn_6.12b_nls10	0	0.0	-152.0	0.0	19.0	0.0	63.0
B403	360	GEO_Eqn_6.12b_nls10	400	0.0	-143.0	0.0	19.0	0.0	122.0
B403	360	GEO_Eqn_6.12b_nls10	400	0.0	-122.0	0.0	22.0	0.0	124.0
B403	360	GEO_Eqn_6.12b_nls10	766.67	0.0	-114.0	0.0	22.0	0.0	167.0
B403	360	GEO_Eqn_6.12b_nls10	1133.33	0.0	-106.0	0.0	22.0	0.0	207.0
B403	360	GEO_Eqn_6.12b_nls10	1500	0.0	-97.0	0.0	22.0	0.0	245.0
B403	360	GEO_Eqn_6.12b_nls10	1500	-28.0	12.0	-0.5	39.0	-1.0	243.0
B403	360	GEO_Eqn_6.12b_nls10	1780	-28.0	18.0	-0.5	39.0	-0.5	239.0
B403	360	GEO_Eqn_6.12b_nls10	2060	-28.0	24.0	-0.5	39.0	-0.3	233.0
B403	360	GEO_Eqn_6.12b_nls10	2060	-5.0	28.0	-1.0	40.0	0.2	226.0
B403	360	GEO_Eqn_6.12b_nls10	2433.33	-5.0	36.0	-1.0	40.0	0.4	214.0
B403	360	GEO_Eqn_6.12b_nls10	2433.33	1.0	16.0	0.1	49.0	1.0	199.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls10	2620	1.0	20.0	0.1	49.0	1.0	196.0
B403	360	GEO_Eqn_6.12b_nls10	2620	12.0	65.0	0.5	51.0	0.4	188.0
B403	360	GEO_Eqn_6.12b_nls10	2900	12.0	71.0	0.5	51.0	0.2	169.0
B403	360	GEO_Eqn_6.12b_nls10	3180	12.0	77.0	0.5	51.0	0.1	148.0
B403	360	GEO_Eqn_6.12b_nls10	3180	11.0	8.0	0.0	54.0	-0.1	145.0
B403	360	GEO_Eqn_6.12b_nls10	3366.67	11.0	13.0	0.0	54.0	0.0	143.0
B403	360	GEO_Eqn_6.12b_nls10	3366.67	13.0	40.0	0.3	61.0	0.1	130.0
B403	360	GEO_Eqn_6.12b_nls10	3740	13.0	49.0	0.3	61.0	0.0	113.0
B403	360	GEO_Eqn_6.12b_nls10	3740	6.0	72.0	0.1	63.0	-0.2	104.0
B403	360	GEO_Eqn_6.12b_nls10	4020	6.0	79.0	0.1	63.0	-0.3	83.0
B403	360	GEO_Eqn_6.12b_nls10	4300	6.0	85.0	0.1	63.0	-0.3	60.0
B403	360	GEO_Eqn_6.12b_nls10	4300	0.0	131.0	0.0	75.0	0.0	59.0
B403	360	GEO_Eqn_6.12b_nls10	4750	0.0	141.0	0.0	75.0	0.0	-3.0
B403	360	GEO_Eqn_6.12b_nls10	5200	0.0	151.0	0.0	75.0	0.0	-69.0
B403	360	GEO_Eqn_6.12b_nls10	5200	0.0	111.0	0.0	76.0	0.0	-70.0
B403	360	GEO_Eqn_6.12b_nls10	5400	0.0	115.0	0.0	76.0	0.0	-92.0
B403	360	GEO_Eqn_6.12b_nls10	5400	2.0	-138.0	0.1	-7.0	0.0	-90.0
B403	360	GEO_Eqn_6.12b_nls10	5850	2.0	-128.0	0.1	-7.0	0.0	-30.0
B403	360	GEO_Eqn_6.12b_nls10	5850	-2.0	-107.0	-0.1	-7.0	0.0	-18.0
B403	360	GEO_Eqn_6.12b_nls10	6300	-2.0	-97.0	-0.1	-7.0	0.0	28.0
B403	360	GEO_Eqn_6.12b_nls10	6300	1.0	-74.0	-0.3	-0.5	-0.2	32.0
B403	360	GEO_Eqn_6.12b_nls10	6641.67	1.0	-66.0	-0.3	-0.5	-0.1	56.0
B403	360	GEO_Eqn_6.12b_nls10	6983.33	1.0	-58.0	-0.2	-0.5	0.0	77.0
B403	360	GEO_Eqn_6.12b_nls10	7325	1.0	-51.0	-0.2	-0.5	0.0	95.0
B403	360	GEO_Eqn_6.12b_nls10	7325	1.0	-19.0	-0.1	18.0	0.0	95.0
B403	360	GEO_Eqn_6.12b_nls10	7666.67	1.0	-11.0	-0.1	18.0	0.1	101.0
B403	360	GEO_Eqn_6.12b_nls10	8008.33	1.0	-3.0	-0.1	18.0	0.1	103.0
B403	360	GEO_Eqn_6.12b_nls10	8350	1.0	4.0	-0.1	18.0	0.1	103.0
B403	360	GEO_Eqn_6.12b_nls10	8350	0.0	41.0	-0.1	40.0	0.1	102.0
B403	360	GEO_Eqn_6.12b_nls10	8691.67	0.0	48.0	-0.1	40.0	0.1	87.0
B403	360	GEO_Eqn_6.12b_nls10	9033.33	0.0	56.0	-0.1	40.0	0.2	69.0
B403	360	GEO_Eqn_6.12b_nls10	9375	0.0	64.0	-0.1	40.0	0.2	48.0
B403	360	GEO_Eqn_6.12b_nls10	9375	-2.0	88.0	0.3	53.0	0.0	47.0
B403	360	GEO_Eqn_6.12b_nls10	9716.67	-2.0	96.0	0.3	53.0	-0.1	16.0
B403	360	GEO_Eqn_6.12b_nls10	10058.33	-2.0	104.0	0.3	53.0	-0.2	-18.0
B403	360	GEO_Eqn_6.12b_nls10	10400	-2.0	111.0	0.3	53.0	-0.3	-55.0
B403	360	GEO_Eqn_6.12b_nls10	10400	0.0	19.0	0.0	57.0	0.0	-54.0
B403	360	GEO_Eqn_6.12b_nls10	10800	0.0	28.0	0.0	57.0	0.0	-63.0
B403	360	GEO_Eqn_6.12b_nls10	10800	213.0	-23.0	1.0	-55.0	-0.4	-58.0
B403	360	GEO_Eqn_6.12b_nls10	11097.7	213.0	-16.0	1.0	-55.0	-1.0	-52.0
B403	360	GEO_Eqn_6.12b_nls10	11395.4	213.0	-10.0	1.0	-55.0	-1.0	-48.0
B403	360	GEO_Eqn_6.12b_nls10	11395.4	143.0	-30.0	0.5	-55.0	-1.0	-42.0
B403	360	GEO_Eqn_6.12b_nls10	11693.1	143.0	-23.0	0.5	-55.0	-1.0	-34.0
B403	360	GEO_Eqn_6.12b_nls10	11990.8	143.0	-16.0	0.5	-55.0	-2.0	-29.0
B403	360	GEO_Eqn_6.12b_nls10	11990.8	48.0	3.0	-1.0	-42.0	-0.3	-23.0
B403	360	GEO_Eqn_6.12b_nls10	12288.49	48.0	9.0	-1.0	-42.0	0.1	-25.0
B403	360	GEO_Eqn_6.12b_nls10	12586.19	48.0	16.0	-1.0	-42.0	0.5	-29.0
B403	360	GEO_Eqn_6.12b_nls10	12586.19	-33.0	-0.4	-1.0	-42.0	2.0	-25.0
B403	360	GEO_Eqn_6.12b_nls10	12883.89	-33.0	6.0	-1.0	-42.0	2.0	-26.0
B403	360	GEO_Eqn_6.12b_nls10	13181.59	-33.0	13.0	-1.0	-42.0	2.0	-29.0
B403	360	GEO_Eqn_6.12b_nls10	13181.59	-141.0	-1.0	3.0	-24.0	4.0	-24.0
B403	360	GEO_Eqn_6.12b_nls10	13479.29	-141.0	6.0	3.0	-24.0	3.0	-25.0
B403	360	GEO_Eqn_6.12b_nls10	13776.99	-141.0	12.0	3.0	-24.0	2.0	-27.0
B403	360	GEO_Eqn_6.12b_nls10	13776.99	-229.0	-73.0	5.0	-23.0	-1.0	-21.0
B403	360	GEO_Eqn_6.12b_nls10	14074.69	-229.0	-66.0	5.0	-23.0	-3.0	0.1
B403	360	GEO_Eqn_6.12b_nls10	14372.39	-229.0	-60.0	5.0	-23.0	-4.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls11	0	0.0	-543.0	0.0	-97.0	0.0	-454.0
B403	360	GEO_Eqn_6.12b_nls11	400	0.0	-534.0	0.0	-97.0	0.0	-238.0
B403	360	GEO_Eqn_6.12b_nls11	400	0.0	-323.0	0.0	-99.0	0.0	-232.0
B403	360	GEO_Eqn_6.12b_nls11	766.67	0.0	-315.0	0.0	-99.0	0.0	-115.0
B403	360	GEO_Eqn_6.12b_nls11	1133.33	0.0	-307.0	0.0	-99.0	0.0	-1.0
B403	360	GEO_Eqn_6.12b_nls11	1500	0.0	-298.0	0.0	-99.0	0.0	110.0
B403	360	GEO_Eqn_6.12b_nls11	1500	97.0	-204.0	5.0	-89.0	5.0	116.0
B403	360	GEO_Eqn_6.12b_nls11	1780	97.0	-198.0	5.0	-89.0	3.0	172.0
B403	360	GEO_Eqn_6.12b_nls11	2060	97.0	-192.0	5.0	-89.0	2.0	227.0
B403	360	GEO_Eqn_6.12b_nls11	2060	82.0	-89.0	2.0	-89.0	-2.0	248.0
B403	360	GEO_Eqn_6.12b_nls11	2433.33	82.0	-80.0	2.0	-89.0	-2.0	280.0
B403	360	GEO_Eqn_6.12b_nls11	2433.33	72.0	-27.0	0.0	-85.0	-3.0	311.0
B403	360	GEO_Eqn_6.12b_nls11	2620	72.0	-22.0	0.0	-85.0	-3.0	315.0
B403	360	GEO_Eqn_6.12b_nls11	2620	32.0	-75.0	-1.0	-84.0	-3.0	323.0
B403	360	GEO_Eqn_6.12b_nls11	2900	32.0	-69.0	-1.0	-84.0	-2.0	343.0
B403	360	GEO_Eqn_6.12b_nls11	3180	32.0	-63.0	-1.0	-84.0	-2.0	362.0
B403	360	GEO_Eqn_6.12b_nls11	3180	-42.0	1.0	-0.2	-84.0	-2.0	369.0
B403	360	GEO_Eqn_6.12b_nls11	3366.67	-42.0	6.0	-0.2	-84.0	-2.0	369.0
B403	360	GEO_Eqn_6.12b_nls11	3366.67	-60.0	24.0	-1.0	-81.0	-1.0	363.0
B403	360	GEO_Eqn_6.12b_nls11	3740	-60.0	32.0	-1.0	-81.0	-1.0	353.0
B403	360	GEO_Eqn_6.12b_nls11	3740	-154.0	277.0	-4.0	-82.0	2.0	344.0
B403	360	GEO_Eqn_6.12b_nls11	4020	-154.0	283.0	-4.0	-82.0	3.0	266.0
B403	360	GEO_Eqn_6.12b_nls11	4300	-154.0	289.0	-4.0	-82.0	4.0	186.0
B403	360	GEO_Eqn_6.12b_nls11	4300	0.0	655.0	0.0	-80.0	0.0	182.0
B403	360	GEO_Eqn_6.12b_nls11	4750	0.0	665.0	0.0	-80.0	0.0	-115.0
B403	360	GEO_Eqn_6.12b_nls11	5200	0.0	675.0	0.0	-80.0	0.0	-417.0
B403	360	GEO_Eqn_6.12b_nls11	5200	0.0	598.0	0.0	-80.0	0.0	-427.0
B403	360	GEO_Eqn_6.12b_nls11	5400	0.0	602.0	0.0	-80.0	0.0	-547.0
B403	360	GEO_Eqn_6.12b_nls11	5400	1.0	-598.0	1.0	60.0	0.2	-512.0
B403	360	GEO_Eqn_6.12b_nls11	5850	1.0	-588.0	1.0	60.0	-0.1	-245.0
B403	360	GEO_Eqn_6.12b_nls11	5850	-1.0	-256.0	-1.0	58.0	-0.2	-203.0
B403	360	GEO_Eqn_6.12b_nls11	6300	-1.0	-246.0	-1.0	58.0	0.2	-90.0
B403	360	GEO_Eqn_6.12b_nls11	6300	-1.0	-23.0	0.1	59.0	0.1	-86.0
B403	360	GEO_Eqn_6.12b_nls11	6641.67	-1.0	-15.0	0.1	59.0	0.1	-79.0
B403	360	GEO_Eqn_6.12b_nls11	6983.33	-1.0	-7.0	0.1	59.0	0.0	-76.0
B403	360	GEO_Eqn_6.12b_nls11	7325	-1.0	1.0	0.1	59.0	0.0	-74.0
B403	360	GEO_Eqn_6.12b_nls11	7325	-1.0	33.0	0.0	79.0	0.0	-75.0
B403	360	GEO_Eqn_6.12b_nls11	7666.67	-1.0	41.0	0.0	79.0	0.0	-87.0
B403	360	GEO_Eqn_6.12b_nls11	8008.33	-1.0	49.0	0.1	79.0	0.0	-103.0
B403	360	GEO_Eqn_6.12b_nls11	8350	-1.0	56.0	0.1	79.0	-0.1	-120.0
B403	360	GEO_Eqn_6.12b_nls11	8350	-0.1	93.0	0.1	101.0	0.0	-121.0
B403	360	GEO_Eqn_6.12b_nls11	8691.67	-0.1	100.0	0.1	101.0	-0.1	-154.0
B403	360	GEO_Eqn_6.12b_nls11	9033.33	-0.1	108.0	0.1	101.0	-0.1	-190.0
B403	360	GEO_Eqn_6.12b_nls11	9375	-0.1	116.0	0.1	101.0	-0.2	-228.0
B403	360	GEO_Eqn_6.12b_nls11	9375	1.0	140.0	-0.2	115.0	0.0	-229.0
B403	360	GEO_Eqn_6.12b_nls11	9716.67	1.0	148.0	-0.2	115.0	0.0	-279.0
B403	360	GEO_Eqn_6.12b_nls11	10058.33	1.0	156.0	-0.2	115.0	0.1	-330.0
B403	360	GEO_Eqn_6.12b_nls11	10400	1.0	163.0	-0.2	115.0	0.2	-385.0
B403	360	GEO_Eqn_6.12b_nls11	10400	0.0	453.0	0.0	115.0	0.0	-390.0
B403	360	GEO_Eqn_6.12b_nls11	10800	0.0	462.0	0.0	115.0	0.0	-573.0
B403	360	GEO_Eqn_6.12b_nls11	10800	-223.0	-910.0	1.0	40.0	3.0	-583.0
B403	360	GEO_Eqn_6.12b_nls11	11097.7	-223.0	-904.0	1.0	40.0	2.0	-313.0
B403	360	GEO_Eqn_6.12b_nls11	11395.4	-223.0	-897.0	1.0	40.0	2.0	-45.0
B403	360	GEO_Eqn_6.12b_nls11	11395.4	-106.0	-473.0	1.0	39.0	1.0	5.0
B403	360	GEO_Eqn_6.12b_nls11	11693.1	-106.0	-466.0	1.0	39.0	1.0	145.0
B403	360	GEO_Eqn_6.12b_nls11	11990.8	-106.0	-459.0	1.0	39.0	1.0	283.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls11	11990.8	16.0	-193.0	2.0	38.0	-1.0	291.0
B403	360	GEO_Eqn_6.12b_nls11	12288.49	16.0	-186.0	2.0	38.0	-1.0	348.0
B403	360	GEO_Eqn_6.12b_nls11	12586.19	16.0	-179.0	2.0	38.0	-2.0	402.0
B403	360	GEO_Eqn_6.12b_nls11	12586.19	77.0	-54.0	1.0	37.0	-3.0	408.0
B403	360	GEO_Eqn_6.12b_nls11	12883.89	77.0	-47.0	1.0	37.0	-3.0	423.0
B403	360	GEO_Eqn_6.12b_nls11	13181.59	77.0	-40.0	1.0	37.0	-4.0	436.0
B403	360	GEO_Eqn_6.12b_nls11	13181.59	114.0	114.0	-4.0	35.0	-4.0	435.0
B403	360	GEO_Eqn_6.12b_nls11	13479.29	114.0	121.0	-4.0	35.0	-3.0	400.0
B403	360	GEO_Eqn_6.12b_nls11	13776.99	114.0	128.0	-4.0	35.0	-2.0	363.0
B403	360	GEO_Eqn_6.12b_nls11	13776.99	122.0	375.0	-8.0	34.0	2.0	346.0
B403	360	GEO_Eqn_6.12b_nls11	14074.69	122.0	381.0	-8.0	34.0	5.0	233.0
B403	360	GEO_Eqn_6.12b_nls11	14372.39	122.0	388.0	-8.0	34.0	7.0	119.0
B403	360	GEO_Eqn_6.12b_nls12	0	0.0	-647.0	0.0	-73.0	0.0	-303.0
B403	360	GEO_Eqn_6.12b_nls12	400	0.0	-638.0	0.0	-73.0	0.0	-46.0
B403	360	GEO_Eqn_6.12b_nls12	400	0.0	-509.0	0.0	-76.0	0.0	-39.0
B403	360	GEO_Eqn_6.12b_nls12	766.67	0.0	-501.0	0.0	-76.0	0.0	146.0
B403	360	GEO_Eqn_6.12b_nls12	1133.33	0.0	-493.0	0.0	-76.0	0.0	329.0
B403	360	GEO_Eqn_6.12b_nls12	1500	0.0	-484.0	0.0	-76.0	0.0	508.0
B403	360	GEO_Eqn_6.12b_nls12	1500	-131.0	-127.0	3.0	-67.0	3.0	506.0
B403	360	GEO_Eqn_6.12b_nls12	1780	-131.0	-120.0	3.0	-67.0	2.0	541.0
B403	360	GEO_Eqn_6.12b_nls12	2060	-131.0	-114.0	3.0	-67.0	1.0	574.0
B403	360	GEO_Eqn_6.12b_nls12	2060	-38.0	42.0	1.0	-67.0	-0.5	565.0
B403	360	GEO_Eqn_6.12b_nls12	2433.33	-38.0	51.0	1.0	-67.0	-1.0	548.0
B403	360	GEO_Eqn_6.12b_nls12	2433.33	-23.0	22.0	0.1	-63.0	-1.0	526.0
B403	360	GEO_Eqn_6.12b_nls12	2620	-23.0	26.0	0.1	-63.0	-2.0	521.0
B403	360	GEO_Eqn_6.12b_nls12	2620	41.0	166.0	0.1	-63.0	-2.0	506.0
B403	360	GEO_Eqn_6.12b_nls12	2900	41.0	172.0	0.1	-63.0	-2.0	458.0
B403	360	GEO_Eqn_6.12b_nls12	3180	41.0	178.0	0.1	-63.0	-2.0	409.0
B403	360	GEO_Eqn_6.12b_nls12	3180	62.0	45.0	-0.1	-63.0	-2.0	395.0
B403	360	GEO_Eqn_6.12b_nls12	3366.67	62.0	50.0	-0.1	-63.0	-2.0	386.0
B403	360	GEO_Eqn_6.12b_nls12	3366.67	65.0	144.0	-1.0	-60.0	-2.0	333.0
B403	360	GEO_Eqn_6.12b_nls12	3740	65.0	153.0	-1.0	-60.0	-1.0	278.0
B403	360	GEO_Eqn_6.12b_nls12	3740	59.0	368.0	-4.0	-60.0	1.0	243.0
B403	360	GEO_Eqn_6.12b_nls12	4020	59.0	374.0	-4.0	-60.0	2.0	139.0
B403	360	GEO_Eqn_6.12b_nls12	4300	59.0	380.0	-4.0	-60.0	3.0	33.0
B403	360	GEO_Eqn_6.12b_nls12	4300	0.0	571.0	0.0	-58.0	0.0	24.0
B403	360	GEO_Eqn_6.12b_nls12	4750	0.0	581.0	0.0	-58.0	0.0	-235.0
B403	360	GEO_Eqn_6.12b_nls12	5200	0.0	591.0	0.0	-58.0	0.0	-499.0
B403	360	GEO_Eqn_6.12b_nls12	5200	0.0	619.0	0.0	-57.0	0.0	-509.0
B403	360	GEO_Eqn_6.12b_nls12	5400	0.0	624.0	0.0	-57.0	0.0	-634.0
B403	360	GEO_Eqn_6.12b_nls12	5400	-18.0	-519.0	1.0	38.0	0.2	-614.0
B403	360	GEO_Eqn_6.12b_nls12	5850	-18.0	-509.0	1.0	38.0	-0.1	-382.0
B403	360	GEO_Eqn_6.12b_nls12	5850	18.0	-205.0	-1.0	37.0	-0.2	-351.0
B403	360	GEO_Eqn_6.12b_nls12	6300	18.0	-195.0	-1.0	37.0	0.1	-262.0
B403	360	GEO_Eqn_6.12b_nls12	6300	-3.0	-133.0	0.1	38.0	0.1	-261.0
B403	360	GEO_Eqn_6.12b_nls12	6641.67	-3.0	-125.0	0.1	38.0	0.1	-217.0
B403	360	GEO_Eqn_6.12b_nls12	6983.33	-3.0	-117.0	0.1	38.0	0.0	-176.0
B403	360	GEO_Eqn_6.12b_nls12	7325	-3.0	-110.0	0.1	38.0	0.0	-137.0
B403	360	GEO_Eqn_6.12b_nls12	7325	-2.0	-77.0	0.2	57.0	0.1	-137.0
B403	360	GEO_Eqn_6.12b_nls12	7666.67	-2.0	-70.0	0.2	57.0	0.0	-112.0
B403	360	GEO_Eqn_6.12b_nls12	8008.33	-2.0	-62.0	0.2	57.0	-0.1	-89.0
B403	360	GEO_Eqn_6.12b_nls12	8350	-2.0	-54.0	0.2	57.0	-0.1	-69.0
B403	360	GEO_Eqn_6.12b_nls12	8350	0.4	-18.0	0.4	79.0	0.0	-70.0
B403	360	GEO_Eqn_6.12b_nls12	8691.67	0.4	-10.0	0.4	79.0	-0.1	-65.0
B403	360	GEO_Eqn_6.12b_nls12	9033.33	0.4	-2.0	0.4	79.0	-0.2	-63.0
B403	360	GEO_Eqn_6.12b_nls12	9375	0.4	5.0	0.4	79.0	-0.4	-64.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls12	9375	5.0	30.0	-0.4	94.0	0.0	-65.0
B403	360	GEO_Eqn_6.12b_nls12	9716.67	5.0	38.0	-0.4	94.0	0.1	-76.0
B403	360	GEO_Eqn_6.12b_nls12	10058.33	5.0	45.0	-0.4	94.0	0.2	-90.0
B403	360	GEO_Eqn_6.12b_nls12	10400	5.0	53.0	-0.4	94.0	0.3	-107.0
B403	360	GEO_Eqn_6.12b_nls12	10400	0.0	440.0	0.0	93.0	0.0	-115.0
B403	360	GEO_Eqn_6.12b_nls12	10800	0.0	449.0	0.0	93.0	0.0	-292.0
B403	360	GEO_Eqn_6.12b_nls12	10800	-469.0	-685.0	1.0	50.0	3.0	-308.0
B403	360	GEO_Eqn_6.12b_nls12	11097.7	-469.0	-678.0	1.0	50.0	2.0	-105.0
B403	360	GEO_Eqn_6.12b_nls12	11395.4	-469.0	-671.0	1.0	50.0	2.0	96.0
B403	360	GEO_Eqn_6.12b_nls12	11395.4	-273.0	-319.0	0.0	49.0	2.0	125.0
B403	360	GEO_Eqn_6.12b_nls12	11693.1	-273.0	-312.0	0.0	49.0	2.0	219.0
B403	360	GEO_Eqn_6.12b_nls12	11990.8	-273.0	-306.0	0.0	49.0	2.0	311.0
B403	360	GEO_Eqn_6.12b_nls12	11990.8	-44.0	-116.0	2.0	47.0	-1.0	310.0
B403	360	GEO_Eqn_6.12b_nls12	12288.49	-44.0	-110.0	2.0	47.0	-1.0	343.0
B403	360	GEO_Eqn_6.12b_nls12	12586.19	-44.0	-103.0	2.0	47.0	-2.0	375.0
B403	360	GEO_Eqn_6.12b_nls12	12586.19	113.0	-32.0	2.0	46.0	-4.0	371.0
B403	360	GEO_Eqn_6.12b_nls12	12883.89	113.0	-25.0	2.0	46.0	-4.0	380.0
B403	360	GEO_Eqn_6.12b_nls12	13181.59	113.0	-19.0	2.0	46.0	-5.0	386.0
B403	360	GEO_Eqn_6.12b_nls12	13181.59	279.0	93.0	-6.0	44.0	-6.0	380.0
B403	360	GEO_Eqn_6.12b_nls12	13479.29	279.0	99.0	-6.0	44.0	-5.0	351.0
B403	360	GEO_Eqn_6.12b_nls12	13776.99	279.0	106.0	-6.0	44.0	-3.0	321.0
B403	360	GEO_Eqn_6.12b_nls12	13776.99	393.0	296.0	-10.0	42.0	3.0	301.0
B403	360	GEO_Eqn_6.12b_nls12	14074.69	393.0	302.0	-10.0	42.0	6.0	212.0
B403	360	GEO_Eqn_6.12b_nls12	14372.39	393.0	309.0	-10.0	42.0	9.0	121.0
B403	360	GEO_Eqn_6.12b_nls13	0	0.0	-129.0	0.0	6.0	0.0	-72.0
B403	360	GEO_Eqn_6.12b_nls13	400	0.0	-120.0	0.0	6.0	0.0	-22.0
B403	360	GEO_Eqn_6.12b_nls13	400	0.0	-67.0	0.0	9.0	0.0	-20.0
B403	360	GEO_Eqn_6.12b_nls13	766.67	0.0	-58.0	0.0	9.0	0.0	3.0
B403	360	GEO_Eqn_6.12b_nls13	1133.33	0.0	-50.0	0.0	9.0	0.0	23.0
B403	360	GEO_Eqn_6.12b_nls13	1500	0.0	-42.0	0.0	9.0	0.0	40.0
B403	360	GEO_Eqn_6.12b_nls13	1500	80.0	-53.0	1.0	26.0	0.4	42.0
B403	360	GEO_Eqn_6.12b_nls13	1780	80.0	-47.0	1.0	26.0	0.2	56.0
B403	360	GEO_Eqn_6.12b_nls13	2060	80.0	-40.0	1.0	26.0	0.0	68.0
B403	360	GEO_Eqn_6.12b_nls13	2060	53.0	-49.0	0.1	28.0	-0.3	79.0
B403	360	GEO_Eqn_6.12b_nls13	2433.33	53.0	-40.0	0.1	28.0	-0.3	95.0
B403	360	GEO_Eqn_6.12b_nls13	2433.33	47.0	-12.0	0.1	36.0	0.0	111.0
B403	360	GEO_Eqn_6.12b_nls13	2620	47.0	-8.0	0.1	36.0	0.0	113.0
B403	360	GEO_Eqn_6.12b_nls13	2620	10.0	-69.0	0.1	39.0	-0.2	118.0
B403	360	GEO_Eqn_6.12b_nls13	2900	10.0	-62.0	0.1	39.0	-0.2	136.0
B403	360	GEO_Eqn_6.12b_nls13	3180	10.0	-56.0	0.1	39.0	-0.2	153.0
B403	360	GEO_Eqn_6.12b_nls13	3180	-37.0	-14.0	-0.1	41.0	-0.2	162.0
B403	360	GEO_Eqn_6.12b_nls13	3366.67	-37.0	-10.0	-0.1	41.0	-0.2	164.0
B403	360	GEO_Eqn_6.12b_nls13	3366.67	-46.0	-21.0	0.2	48.0	0.2	175.0
B403	360	GEO_Eqn_6.12b_nls13	3740	-46.0	-12.0	0.3	48.0	0.1	181.0
B403	360	GEO_Eqn_6.12b_nls13	3740	-99.0	47.0	-0.2	49.0	0.1	184.0
B403	360	GEO_Eqn_6.12b_nls13	4020	-99.0	54.0	-0.2	49.0	0.1	170.0
B403	360	GEO_Eqn_6.12b_nls13	4300	-99.0	60.0	-0.2	49.0	0.2	154.0
B403	360	GEO_Eqn_6.12b_nls13	4300	0.0	220.0	0.0	60.0	0.0	155.0
B403	360	GEO_Eqn_6.12b_nls13	4750	0.0	230.0	0.0	60.0	0.0	54.0
B403	360	GEO_Eqn_6.12b_nls13	5200	0.0	241.0	0.0	60.0	0.0	-52.0
B403	360	GEO_Eqn_6.12b_nls13	5200	0.0	149.0	0.0	61.0	0.0	-54.0
B403	360	GEO_Eqn_6.12b_nls13	5400	0.0	154.0	0.0	61.0	0.0	-85.0
B403	360	GEO_Eqn_6.12b_nls13	5400	12.0	-239.0	0.2	23.0	0.0	-61.0
B403	360	GEO_Eqn_6.12b_nls13	5850	12.0	-229.0	0.2	23.0	0.0	44.0
B403	360	GEO_Eqn_6.12b_nls13	5850	-12.0	-147.0	-0.2	22.0	0.0	65.0
B403	360	GEO_Eqn_6.12b_nls13	6300	-12.0	-137.0	-0.2	22.0	0.0	129.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls13	6300	2.0	3.0	-0.2	28.0	-0.2	134.0
B403	360	GEO_Eqn_6.12b_nls13	6641.67	2.0	11.0	-0.2	28.0	-0.1	132.0
B403	360	GEO_Eqn_6.12b_nls13	6983.33	2.0	18.0	-0.2	28.0	0.0	127.0
B403	360	GEO_Eqn_6.12b_nls13	7325	2.0	26.0	-0.2	28.0	0.0	120.0
B403	360	GEO_Eqn_6.12b_nls13	7325	1.0	59.0	-0.1	47.0	0.0	119.0
B403	360	GEO_Eqn_6.12b_nls13	7666.67	1.0	66.0	-0.1	47.0	0.0	98.0
B403	360	GEO_Eqn_6.12b_nls13	8008.33	1.0	74.0	-0.1	47.0	0.1	74.0
B403	360	GEO_Eqn_6.12b_nls13	8350	1.0	82.0	-0.1	47.0	0.1	47.0
B403	360	GEO_Eqn_6.12b_nls13	8350	-0.2	118.0	-0.2	69.0	0.0	47.0
B403	360	GEO_Eqn_6.12b_nls13	8691.67	-0.2	126.0	-0.2	69.0	0.1	5.0
B403	360	GEO_Eqn_6.12b_nls13	9033.33	-0.2	133.0	-0.2	69.0	0.2	-39.0
B403	360	GEO_Eqn_6.12b_nls13	9375	-0.2	141.0	-0.2	69.0	0.2	-86.0
B403	360	GEO_Eqn_6.12b_nls13	9375	-3.0	165.0	0.3	83.0	0.0	-88.0
B403	360	GEO_Eqn_6.12b_nls13	9716.67	-3.0	173.0	0.3	83.0	-0.1	-145.0
B403	360	GEO_Eqn_6.12b_nls13	10058.33	-3.0	181.0	0.3	83.0	-0.2	-206.0
B403	360	GEO_Eqn_6.12b_nls13	10400	-3.0	188.0	0.3	83.0	-0.3	-269.0
B403	360	GEO_Eqn_6.12b_nls13	10400	0.0	99.0	0.0	86.0	0.0	-267.0
B403	360	GEO_Eqn_6.12b_nls13	10800	0.0	108.0	0.0	86.0	0.0	-309.0
B403	360	GEO_Eqn_6.12b_nls13	10800	265.0	-284.0	1.0	-41.0	0.2	-303.0
B403	360	GEO_Eqn_6.12b_nls13	11097.7	265.0	-278.0	1.0	-41.0	-0.1	-219.0
B403	360	GEO_Eqn_6.12b_nls13	11395.4	265.0	-271.0	1.0	-41.0	-0.4	-138.0
B403	360	GEO_Eqn_6.12b_nls13	11395.4	185.0	-185.0	1.0	-41.0	-1.0	-114.0
B403	360	GEO_Eqn_6.12b_nls13	11693.1	185.0	-178.0	1.0	-41.0	-2.0	-60.0
B403	360	GEO_Eqn_6.12b_nls13	11990.8	185.0	-172.0	1.0	-41.0	-2.0	-7.0
B403	360	GEO_Eqn_6.12b_nls13	11990.8	71.0	-73.0	-1.0	-29.0	-0.4	4.0
B403	360	GEO_Eqn_6.12b_nls13	12288.49	71.0	-67.0	-1.0	-29.0	-0.1	25.0
B403	360	GEO_Eqn_6.12b_nls13	12586.19	71.0	-60.0	-1.0	-29.0	0.2	44.0
B403	360	GEO_Eqn_6.12b_nls13	12586.19	-34.0	-25.0	-1.0	-29.0	1.0	53.0
B403	360	GEO_Eqn_6.12b_nls13	12883.89	-34.0	-19.0	-1.0	-29.0	2.0	60.0
B403	360	GEO_Eqn_6.12b_nls13	13181.59	-34.0	-12.0	-1.0	-29.0	2.0	64.0
B403	360	GEO_Eqn_6.12b_nls13	13181.59	-181.0	22.0	3.0	-14.0	3.0	71.0
B403	360	GEO_Eqn_6.12b_nls13	13479.29	-181.0	29.0	3.0	-14.0	3.0	63.0
B403	360	GEO_Eqn_6.12b_nls13	13776.99	-181.0	36.0	3.0	-14.0	2.0	53.0
B403	360	GEO_Eqn_6.12b_nls13	13776.99	-305.0	29.0	5.0	-13.0	-1.0	58.0
B403	360	GEO_Eqn_6.12b_nls13	14074.69	-305.0	36.0	5.0	-13.0	-2.0	48.0
B403	360	GEO_Eqn_6.12b_nls13	14372.39	-305.0	43.0	5.0	-13.0	-4.0	37.0
B403	360	GEO_Eqn_6.12b_nls14	0	0.0	-204.0	0.0	31.0	0.0	100.0
B403	360	GEO_Eqn_6.12b_nls14	400	0.0	-195.0	0.0	31.0	0.0	180.0
B403	360	GEO_Eqn_6.12b_nls14	400	0.0	-198.0	0.0	34.0	0.0	182.0
B403	360	GEO_Eqn_6.12b_nls14	766.67	0.0	-190.0	0.0	34.0	0.0	253.0
B403	360	GEO_Eqn_6.12b_nls14	1133.33	0.0	-182.0	0.0	34.0	0.0	322.0
B403	360	GEO_Eqn_6.12b_nls14	1500	0.0	-174.0	0.0	34.0	0.0	387.0
B403	360	GEO_Eqn_6.12b_nls14	1500	-102.0	29.0	-1.0	51.0	-1.0	383.0
B403	360	GEO_Eqn_6.12b_nls14	1780	-102.0	36.0	-1.0	51.0	-1.0	374.0
B403	360	GEO_Eqn_6.12b_nls14	2060	-102.0	42.0	-1.0	51.0	-1.0	363.0
B403	360	GEO_Eqn_6.12b_nls14	2060	-43.0	70.0	-1.0	52.0	1.0	346.0
B403	360	GEO_Eqn_6.12b_nls14	2433.33	-43.0	78.0	-1.0	52.0	1.0	319.0
B403	360	GEO_Eqn_6.12b_nls14	2433.33	-28.0	31.0	0.2	60.0	1.0	287.0
B403	360	GEO_Eqn_6.12b_nls14	2620	-28.0	36.0	0.2	60.0	1.0	281.0
B403	360	GEO_Eqn_6.12b_nls14	2620	17.0	147.0	1.0	62.0	1.0	265.0
B403	360	GEO_Eqn_6.12b_nls14	2900	17.0	153.0	1.0	62.0	0.4	223.0
B403	360	GEO_Eqn_6.12b_nls14	3180	17.0	160.0	1.0	62.0	0.2	179.0
B403	360	GEO_Eqn_6.12b_nls14	3180	45.0	25.0	0.0	65.0	-0.1	169.0
B403	360	GEO_Eqn_6.12b_nls14	3366.67	45.0	29.0	0.0	65.0	-0.1	164.0
B403	360	GEO_Eqn_6.12b_nls14	3366.67	54.0	87.0	0.3	72.0	-0.1	132.0
B403	360	GEO_Eqn_6.12b_nls14	3740	54.0	95.0	0.3	72.0	-0.2	98.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls14	3740	72.0	129.0	0.0	73.0	-0.4	78.0
B403	360	GEO_Eqn_6.12b_nls14	4020	72.0	135.0	0.0	73.0	-0.4	41.0
B403	360	GEO_Eqn_6.12b_nls14	4300	72.0	141.0	0.0	73.0	-0.4	3.0
B403	360	GEO_Eqn_6.12b_nls14	4300	0.0	149.0	0.0	84.0	0.0	-1.0
B403	360	GEO_Eqn_6.12b_nls14	4750	0.0	159.0	0.0	84.0	0.0	-70.0
B403	360	GEO_Eqn_6.12b_nls14	5200	0.0	169.0	0.0	84.0	0.0	-144.0
B403	360	GEO_Eqn_6.12b_nls14	5200	0.0	168.0	0.0	85.0	0.0	-146.0
B403	360	GEO_Eqn_6.12b_nls14	5400	0.0	173.0	0.0	85.0	0.0	-180.0
B403	360	GEO_Eqn_6.12b_nls14	5400	-6.0	-144.0	0.2	4.0	0.0	-173.0
B403	360	GEO_Eqn_6.12b_nls14	5850	-6.0	-134.0	0.2	4.0	0.0	-110.0
B403	360	GEO_Eqn_6.12b_nls14	5850	6.0	-97.0	-0.2	3.0	0.0	-100.0
B403	360	GEO_Eqn_6.12b_nls14	6300	6.0	-87.0	-0.2	3.0	0.0	-59.0
B403	360	GEO_Eqn_6.12b_nls14	6300	-0.2	-113.0	-0.2	10.0	-0.2	-57.0
B403	360	GEO_Eqn_6.12b_nls14	6641.67	-0.2	-105.0	-0.2	10.0	-0.1	-20.0
B403	360	GEO_Eqn_6.12b_nls14	6983.33	-0.2	-98.0	-0.2	10.0	0.0	15.0
B403	360	GEO_Eqn_6.12b_nls14	7325	-0.2	-90.0	-0.2	10.0	0.0	47.0
B403	360	GEO_Eqn_6.12b_nls14	7325	0.2	-58.0	0.0	29.0	0.1	47.0
B403	360	GEO_Eqn_6.12b_nls14	7666.67	0.1	-50.0	0.0	29.0	0.1	65.0
B403	360	GEO_Eqn_6.12b_nls14	8008.33	0.1	-42.0	0.0	29.0	0.1	81.0
B403	360	GEO_Eqn_6.12b_nls14	8350	0.1	-35.0	0.0	29.0	0.1	94.0
B403	360	GEO_Eqn_6.12b_nls14	8350	0.2	2.0	0.0	50.0	0.1	94.0
B403	360	GEO_Eqn_6.12b_nls14	8691.67	0.2	9.0	0.0	50.0	0.1	92.0
B403	360	GEO_Eqn_6.12b_nls14	9033.33	0.2	17.0	0.0	50.0	0.1	87.0
B403	360	GEO_Eqn_6.12b_nls14	9375	0.2	25.0	0.0	50.0	0.1	80.0
B403	360	GEO_Eqn_6.12b_nls14	9375	-0.1	49.0	0.2	64.0	0.0	79.0
B403	360	GEO_Eqn_6.12b_nls14	9716.67	-0.1	57.0	0.2	64.0	0.0	61.0
B403	360	GEO_Eqn_6.12b_nls14	10058.33	-0.1	65.0	0.2	64.0	-0.1	40.0
B403	360	GEO_Eqn_6.12b_nls14	10400	-0.1	72.0	0.2	64.0	-0.2	17.0
B403	360	GEO_Eqn_6.12b_nls14	10400	0.0	76.0	0.0	67.0	0.0	16.0
B403	360	GEO_Eqn_6.12b_nls14	10800	0.0	85.0	0.0	67.0	0.0	-17.0
B403	360	GEO_Eqn_6.12b_nls14	10800	50.0	-55.0	0.4	-34.0	-0.1	-16.0
B403	360	GEO_Eqn_6.12b_nls14	11097.7	50.0	-48.0	0.4	-34.0	-0.2	-1.0
B403	360	GEO_Eqn_6.12b_nls14	11395.4	50.0	-42.0	0.4	-34.0	-0.3	12.0
B403	360	GEO_Eqn_6.12b_nls14	11395.4	40.0	-27.0	0.2	-34.0	-1.0	16.0
B403	360	GEO_Eqn_6.12b_nls14	11693.1	40.0	-21.0	0.2	-34.0	-1.0	23.0
B403	360	GEO_Eqn_6.12b_nls14	11990.8	40.0	-14.0	0.2	-34.0	-1.0	28.0
B403	360	GEO_Eqn_6.12b_nls14	11990.8	19.0	9.0	-1.0	-22.0	-0.3	30.0
B403	360	GEO_Eqn_6.12b_nls14	12288.49	19.0	15.0	-1.0	-22.0	-0.1	26.0
B403	360	GEO_Eqn_6.12b_nls14	12586.19	19.0	22.0	-1.0	-22.0	0.1	20.0
B403	360	GEO_Eqn_6.12b_nls14	12586.19	-3.0	2.0	-1.0	-22.0	1.0	21.0
B403	360	GEO_Eqn_6.12b_nls14	12883.89	-3.0	9.0	-1.0	-22.0	1.0	19.0
B403	360	GEO_Eqn_6.12b_nls14	13181.59	-3.0	16.0	-1.0	-22.0	1.0	15.0
B403	360	GEO_Eqn_6.12b_nls14	13181.59	-38.0	6.0	1.0	-7.0	2.0	16.0
B403	360	GEO_Eqn_6.12b_nls14	13479.29	-38.0	13.0	1.0	-7.0	1.0	14.0
B403	360	GEO_Eqn_6.12b_nls14	13776.99	-38.0	19.0	1.0	-7.0	1.0	9.0
B403	360	GEO_Eqn_6.12b_nls14	13776.99	-68.0	-47.0	3.0	-7.0	-0.5	11.0
B403	360	GEO_Eqn_6.12b_nls14	14074.69	-68.0	-40.0	3.0	-7.0	-1.0	24.0
B403	360	GEO_Eqn_6.12b_nls14	14372.39	-68.0	-33.0	3.0	-7.0	-2.0	35.0
B403	360	GEO_Eqn_6.12b_nls15	0	0.0	-486.0	0.0	-112.0	0.0	-488.0
B403	360	GEO_Eqn_6.12b_nls15	400	0.0	-477.0	0.0	-112.0	0.0	-296.0
B403	360	GEO_Eqn_6.12b_nls15	400	0.0	-230.0	0.0	-113.0	0.0	-290.0
B403	360	GEO_Eqn_6.12b_nls15	766.67	0.0	-222.0	0.0	-113.0	0.0	-207.0
B403	360	GEO_Eqn_6.12b_nls15	1133.33	0.0	-213.0	0.0	-113.0	0.0	-127.0
B403	360	GEO_Eqn_6.12b_nls15	1500	0.0	-205.0	0.0	-113.0	0.0	-50.0
B403	360	GEO_Eqn_6.12b_nls15	1500	191.0	-224.0	6.0	-103.0	5.0	-42.0
B403	360	GEO_Eqn_6.12b_nls15	1780	191.0	-217.0	6.0	-103.0	4.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls15	2060	191.0	-211.0	6.0	-103.0	2.0	79.0
B403	360	GEO_Eqn_6.12b_nls15	2060	131.0	-137.0	3.0	-103.0	-2.0	112.0
B403	360	GEO_Eqn_6.12b_nls15	2433.33	131.0	-129.0	3.0	-103.0	-3.0	162.0
B403	360	GEO_Eqn_6.12b_nls15	2433.33	110.0	-44.0	0.0	-98.0	-3.0	212.0
B403	360	GEO_Eqn_6.12b_nls15	2620	110.0	-40.0	0.0	-98.0	-3.0	220.0
B403	360	GEO_Eqn_6.12b_nls15	2620	27.0	-169.0	-1.0	-97.0	-3.0	237.0
B403	360	GEO_Eqn_6.12b_nls15	2900	27.0	-163.0	-1.0	-97.0	-3.0	283.0
B403	360	GEO_Eqn_6.12b_nls15	3180	27.0	-156.0	-1.0	-97.0	-2.0	328.0
B403	360	GEO_Eqn_6.12b_nls15	3180	-85.0	-17.0	-0.3	-97.0	-2.0	345.0
B403	360	GEO_Eqn_6.12b_nls15	3366.67	-85.0	-13.0	-0.3	-97.0	-2.0	347.0
B403	360	GEO_Eqn_6.12b_nls15	3366.67	-112.0	-27.0	-1.0	-94.0	-1.0	363.0
B403	360	GEO_Eqn_6.12b_nls15	3740	-112.0	-19.0	-1.0	-94.0	-0.4	371.0
B403	360	GEO_Eqn_6.12b_nls15	3740	-239.0	220.0	-4.0	-95.0	2.0	374.0
B403	360	GEO_Eqn_6.12b_nls15	4020	-239.0	227.0	-4.0	-95.0	3.0	312.0
B403	360	GEO_Eqn_6.12b_nls15	4300	-239.0	233.0	-4.0	-95.0	4.0	248.0
B403	360	GEO_Eqn_6.12b_nls15	4300	0.0	652.0	0.0	-92.0	0.0	246.0
B403	360	GEO_Eqn_6.12b_nls15	4750	0.0	662.0	0.0	-92.0	0.0	-50.0
B403	360	GEO_Eqn_6.12b_nls15	5200	0.0	672.0	0.0	-92.0	0.0	-350.0
B403	360	GEO_Eqn_6.12b_nls15	5200	0.0	548.0	0.0	-92.0	0.0	-359.0
B403	360	GEO_Eqn_6.12b_nls15	5400	0.0	552.0	0.0	-92.0	0.0	-469.0
B403	360	GEO_Eqn_6.12b_nls15	5400	11.0	-595.0	1.0	52.0	0.2	-437.0
B403	360	GEO_Eqn_6.12b_nls15	5850	11.0	-584.0	1.0	52.0	-0.1	-172.0
B403	360	GEO_Eqn_6.12b_nls15	5850	-11.0	-271.0	-1.0	51.0	-0.2	-127.0
B403	360	GEO_Eqn_6.12b_nls15	6300	-11.0	-260.0	-1.0	51.0	0.1	-7.0
B403	360	GEO_Eqn_6.12b_nls15	6300	1.0	16.0	0.1	52.0	0.1	-1.0
B403	360	GEO_Eqn_6.12b_nls15	6641.67	1.0	24.0	0.1	52.0	0.0	-8.0
B403	360	GEO_Eqn_6.12b_nls15	6983.33	1.0	32.0	0.1	52.0	0.0	-18.0
B403	360	GEO_Eqn_6.12b_nls15	7325	1.0	39.0	0.1	52.0	0.0	-30.0
B403	360	GEO_Eqn_6.12b_nls15	7325	0.2	72.0	-0.1	71.0	-0.1	-30.0
B403	360	GEO_Eqn_6.12b_nls15	7666.67	0.2	80.0	-0.1	71.0	0.0	-56.0
B403	360	GEO_Eqn_6.12b_nls15	8008.33	0.2	87.0	-0.1	71.0	0.0	-84.0
B403	360	GEO_Eqn_6.12b_nls15	8350	0.2	95.0	-0.1	71.0	0.0	-115.0
B403	360	GEO_Eqn_6.12b_nls15	8350	-0.3	131.0	0.0	94.0	0.0	-116.0
B403	360	GEO_Eqn_6.12b_nls15	8691.67	-0.3	139.0	0.0	94.0	0.0	-163.0
B403	360	GEO_Eqn_6.12b_nls15	9033.33	-0.3	147.0	0.0	94.0	0.0	-211.0
B403	360	GEO_Eqn_6.12b_nls15	9375	-0.3	154.0	0.0	94.0	0.0	-263.0
B403	360	GEO_Eqn_6.12b_nls15	9375	-1.0	179.0	-0.1	108.0	0.0	-264.0
B403	360	GEO_Eqn_6.12b_nls15	9716.67	-1.0	187.0	-0.1	108.0	0.0	-327.0
B403	360	GEO_Eqn_6.12b_nls15	10058.33	-1.0	194.0	-0.1	108.0	0.0	-392.0
B403	360	GEO_Eqn_6.12b_nls15	10400	-1.0	202.0	-0.1	108.0	0.0	-459.0
B403	360	GEO_Eqn_6.12b_nls15	10400	0.0	396.0	0.0	108.0	0.0	-462.0
B403	360	GEO_Eqn_6.12b_nls15	10800	0.0	405.0	0.0	108.0	0.0	-623.0
B403	360	GEO_Eqn_6.12b_nls15	10800	-44.0	-888.0	2.0	32.0	2.0	-628.0
B403	360	GEO_Eqn_6.12b_nls15	11097.7	-44.0	-881.0	2.0	32.0	2.0	-365.0
B403	360	GEO_Eqn_6.12b_nls15	11395.4	-44.0	-874.0	2.0	32.0	2.0	-104.0
B403	360	GEO_Eqn_6.12b_nls15	11395.4	10.0	-478.0	1.0	31.0	0.3	-50.0
B403	360	GEO_Eqn_6.12b_nls15	11693.1	10.0	-472.0	1.0	31.0	-0.1	91.0
B403	360	GEO_Eqn_6.12b_nls15	11990.8	10.0	-465.0	1.0	31.0	-0.4	230.0
B403	360	GEO_Eqn_6.12b_nls15	11990.8	51.0	-198.0	1.0	31.0	-1.0	243.0
B403	360	GEO_Eqn_6.12b_nls15	12288.49	51.0	-191.0	1.0	31.0	-1.0	301.0
B403	360	GEO_Eqn_6.12b_nls15	12586.19	51.0	-184.0	1.0	31.0	-1.0	357.0
B403	360	GEO_Eqn_6.12b_nls15	12586.19	46.0	-54.0	0.4	31.0	-2.0	367.0
B403	360	GEO_Eqn_6.12b_nls15	12883.89	46.0	-47.0	0.4	31.0	-2.0	382.0
B403	360	GEO_Eqn_6.12b_nls15	13181.59	46.0	-41.0	0.4	31.0	-2.0	395.0
B403	360	GEO_Eqn_6.12b_nls15	13181.59	-2.0	108.0	-2.0	32.0	-2.0	397.0
B403	360	GEO_Eqn_6.12b_nls15	13479.29	-2.0	115.0	-2.0	32.0	-1.0	364.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls15	13776.99	-2.0	122.0	-2.0	32.0	-1.0	329.0
B403	360	GEO_Eqn_6.12b_nls15	13776.99	-61.0	343.0	-4.0	31.0	1.0	317.0
B403	360	GEO_Eqn_6.12b_nls15	14074.69	-61.0	350.0	-4.0	31.0	3.0	213.0
B403	360	GEO_Eqn_6.12b_nls15	14372.39	-61.0	357.0	-4.0	31.0	4.0	108.0
B403	360	GEO_Eqn_6.12b_nls16	0	0.0	-601.0	0.0	-87.0	0.0	-332.0
B403	360	GEO_Eqn_6.12b_nls16	400	0.0	-592.0	0.0	-87.0	0.0	-93.0
B403	360	GEO_Eqn_6.12b_nls16	400	0.0	-434.0	0.0	-89.0	0.0	-87.0
B403	360	GEO_Eqn_6.12b_nls16	766.67	0.0	-425.0	0.0	-89.0	0.0	71.0
B403	360	GEO_Eqn_6.12b_nls16	1133.33	0.0	-417.0	0.0	-89.0	0.0	225.0
B403	360	GEO_Eqn_6.12b_nls16	1500	0.0	-409.0	0.0	-89.0	0.0	377.0
B403	360	GEO_Eqn_6.12b_nls16	1500	-53.0	-144.0	3.0	-80.0	3.0	378.0
B403	360	GEO_Eqn_6.12b_nls16	1780	-53.0	-137.0	3.0	-80.0	2.0	417.0
B403	360	GEO_Eqn_6.12b_nls16	2060	-53.0	-131.0	3.0	-80.0	1.0	454.0
B403	360	GEO_Eqn_6.12b_nls16	2060	3.0	2.0	1.0	-80.0	-1.0	455.0
B403	360	GEO_Eqn_6.12b_nls16	2433.33	3.0	10.0	1.0	-80.0	-1.0	453.0
B403	360	GEO_Eqn_6.12b_nls16	2433.33	9.0	7.0	0.1	-76.0	-2.0	447.0
B403	360	GEO_Eqn_6.12b_nls16	2620	9.0	11.0	0.1	-76.0	-2.0	446.0
B403	360	GEO_Eqn_6.12b_nls16	2620	37.0	86.0	-0.2	-75.0	-2.0	438.0
B403	360	GEO_Eqn_6.12b_nls16	2900	37.0	92.0	-0.2	-75.0	-2.0	413.0
B403	360	GEO_Eqn_6.12b_nls16	3180	37.0	98.0	-0.2	-75.0	-2.0	386.0
B403	360	GEO_Eqn_6.12b_nls16	3180	26.0	29.0	-0.1	-75.0	-2.0	379.0
B403	360	GEO_Eqn_6.12b_nls16	3366.67	26.0	33.0	-0.1	-75.0	-2.0	374.0
B403	360	GEO_Eqn_6.12b_nls16	3366.67	23.0	100.0	-1.0	-72.0	-1.0	338.0
B403	360	GEO_Eqn_6.12b_nls16	3740	23.0	109.0	-1.0	-72.0	-1.0	299.0
B403	360	GEO_Eqn_6.12b_nls16	3740	-12.0	319.0	-4.0	-72.0	1.0	274.0
B403	360	GEO_Eqn_6.12b_nls16	4020	-12.0	325.0	-4.0	-72.0	2.0	184.0
B403	360	GEO_Eqn_6.12b_nls16	4300	-12.0	331.0	-4.0	-72.0	3.0	92.0
B403	360	GEO_Eqn_6.12b_nls16	4300	0.0	568.0	0.0	-69.0	0.0	85.0
B403	360	GEO_Eqn_6.12b_nls16	4750	0.0	578.0	0.0	-69.0	0.0	-173.0
B403	360	GEO_Eqn_6.12b_nls16	5200	0.0	588.0	0.0	-69.0	0.0	-435.0
B403	360	GEO_Eqn_6.12b_nls16	5200	0.0	574.0	0.0	-69.0	0.0	-445.0
B403	360	GEO_Eqn_6.12b_nls16	5400	0.0	578.0	0.0	-69.0	0.0	-560.0
B403	360	GEO_Eqn_6.12b_nls16	5400	-10.0	-519.0	1.0	29.0	0.2	-543.0
B403	360	GEO_Eqn_6.12b_nls16	5850	-10.0	-509.0	1.0	29.0	-0.1	-311.0
B403	360	GEO_Eqn_6.12b_nls16	5850	10.0	-219.0	-1.0	28.0	-0.2	-278.0
B403	360	GEO_Eqn_6.12b_nls16	6300	10.0	-209.0	-1.0	28.0	0.1	-182.0
B403	360	GEO_Eqn_6.12b_nls16	6300	-2.0	-96.0	0.1	29.0	0.1	-179.0
B403	360	GEO_Eqn_6.12b_nls16	6641.67	-2.0	-89.0	0.1	29.0	0.0	-148.0
B403	360	GEO_Eqn_6.12b_nls16	6983.33	-2.0	-81.0	0.1	29.0	0.0	-119.0
B403	360	GEO_Eqn_6.12b_nls16	7325	-2.0	-73.0	0.1	29.0	0.0	-93.0
B403	360	GEO_Eqn_6.12b_nls16	7325	-1.0	-41.0	0.1	48.0	0.1	-93.0
B403	360	GEO_Eqn_6.12b_nls16	7666.67	-1.0	-33.0	0.1	48.0	0.0	-80.0
B403	360	GEO_Eqn_6.12b_nls16	8008.33	-1.0	-26.0	0.1	48.0	0.0	-70.0
B403	360	GEO_Eqn_6.12b_nls16	8350	-1.0	-18.0	0.1	48.0	-0.1	-62.0
B403	360	GEO_Eqn_6.12b_nls16	8350	0.2	19.0	0.2	70.0	0.0	-63.0
B403	360	GEO_Eqn_6.12b_nls16	8691.67	0.2	26.0	0.2	70.0	-0.1	-71.0
B403	360	GEO_Eqn_6.12b_nls16	9033.33	0.2	34.0	0.2	70.0	-0.1	-81.0
B403	360	GEO_Eqn_6.12b_nls16	9375	0.2	42.0	0.2	70.0	-0.2	-94.0
B403	360	GEO_Eqn_6.12b_nls16	9375	3.0	66.0	-0.2	85.0	0.0	-95.0
B403	360	GEO_Eqn_6.12b_nls16	9716.67	3.0	74.0	-0.2	85.0	0.1	-119.0
B403	360	GEO_Eqn_6.12b_nls16	10058.33	3.0	82.0	-0.2	85.0	0.1	-146.0
B403	360	GEO_Eqn_6.12b_nls16	10400	3.0	90.0	-0.2	85.0	0.2	-175.0
B403	360	GEO_Eqn_6.12b_nls16	10400	0.0	383.0	0.0	85.0	0.0	-181.0
B403	360	GEO_Eqn_6.12b_nls16	10800	0.0	392.0	0.0	85.0	0.0	-335.0
B403	360	GEO_Eqn_6.12b_nls16	10800	-305.0	-652.0	1.0	43.0	2.0	-347.0
B403	360	GEO_Eqn_6.12b_nls16	11097.7	-305.0	-646.0	1.0	43.0	2.0	-153.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B403	360	GEO_Eqn_6.12b_nls16	11395.4	-305.0	-639.0	1.0	43.0	2.0	38.0
B403	360	GEO_Eqn_6.12b_nls16	11395.4	-168.0	-320.0	0.3	42.0	1.0	70.0
B403	360	GEO_Eqn_6.12b_nls16	11693.1	-168.0	-313.0	0.3	42.0	1.0	164.0
B403	360	GEO_Eqn_6.12b_nls16	11990.8	-168.0	-306.0	0.3	42.0	1.0	256.0
B403	360	GEO_Eqn_6.12b_nls16	11990.8	-14.0	-120.0	1.0	41.0	-1.0	258.0
B403	360	GEO_Eqn_6.12b_nls16	12288.49	-14.0	-113.0	1.0	41.0	-1.0	293.0
B403	360	GEO_Eqn_6.12b_nls16	12586.19	-14.0	-107.0	1.0	41.0	-2.0	325.0
B403	360	GEO_Eqn_6.12b_nls16	12586.19	83.0	-34.0	1.0	40.0	-3.0	326.0
B403	360	GEO_Eqn_6.12b_nls16	12883.89	83.0	-27.0	1.0	40.0	-3.0	335.0
B403	360	GEO_Eqn_6.12b_nls16	13181.59	83.0	-20.0	1.0	40.0	-3.0	342.0
B403	360	GEO_Eqn_6.12b_nls16	13181.59	174.0	84.0	-4.0	41.0	-4.0	338.0
B403	360	GEO_Eqn_6.12b_nls16	13479.29	174.0	91.0	-4.0	41.0	-3.0	312.0
B403	360	GEO_Eqn_6.12b_nls16	13776.99	174.0	97.0	-4.0	41.0	-2.0	284.0
B403	360	GEO_Eqn_6.12b_nls16	13776.99	230.0	259.0	-7.0	40.0	2.0	269.0
B403	360	GEO_Eqn_6.12b_nls16	14074.69	230.0	266.0	-7.0	40.0	4.0	191.0
B403	360	GEO_Eqn_6.12b_nls16	14372.39	230.0	273.0	-7.0	40.0	6.0	111.0
B404	403	GEO_Eqn_6.12b_nls01	0	-12.0	-76.0	3.0	-11.0	2.0	158.0
B404	403	GEO_Eqn_6.12b_nls01	360	-12.0	-71.0	3.0	-11.0	1.0	185.0
B404	403	GEO_Eqn_6.12b_nls01	720	-12.0	-66.0	3.0	-11.0	-0.3	209.0
B404	403	GEO_Eqn_6.12b_nls01	1080	-12.0	-61.0	3.0	-11.0	-1.0	232.0
B404	403	GEO_Eqn_6.12b_nls01	1080	2.0	-13.0	-2.0	-10.0	-1.0	234.0
B404	403	GEO_Eqn_6.12b_nls01	1440	2.0	-8.0	-2.0	-10.0	-1.0	238.0
B404	403	GEO_Eqn_6.12b_nls01	1800	2.0	-3.0	-2.0	-10.0	-0.2	240.0
B404	403	GEO_Eqn_6.12b_nls01	2160	2.0	2.0	-2.0	-10.0	0.4	240.0
B404	403	GEO_Eqn_6.12b_nls01	2160	3.0	83.0	0.1	-6.0	0.2	240.0
B404	403	GEO_Eqn_6.12b_nls01	2520	3.0	88.0	0.1	-6.0	0.2	209.0
B404	403	GEO_Eqn_6.12b_nls01	2880	3.0	93.0	0.1	-6.0	0.2	177.0
B404	403	GEO_Eqn_6.12b_nls01	3240	3.0	98.0	0.1	-6.0	0.1	142.0
B404	403	GEO_Eqn_6.12b_nls01	3240	3.0	190.0	-0.1	-0.1	-0.1	140.0
B404	403	GEO_Eqn_6.12b_nls01	3600	3.0	195.0	-0.1	-0.1	-0.1	71.0
B404	403	GEO_Eqn_6.12b_nls01	3960	3.0	200.0	-0.1	-0.1	0.0	-0.2
B404	403	GEO_Eqn_6.12b_nls01	4320	3.0	205.0	-0.1	-0.1	0.0	-73.0
B404	403	GEO_Eqn_6.12b_nls01	4320	3.0	300.0	-0.2	9.0	-0.1	-78.0
B404	403	GEO_Eqn_6.12b_nls01	4680	3.0	305.0	-0.2	9.0	0.0	-186.0
B404	403	GEO_Eqn_6.12b_nls01	5040	3.0	310.0	-0.2	9.0	0.1	-297.0
B404	403	GEO_Eqn_6.12b_nls01	5400	3.0	315.0	-0.3	9.0	0.2	-410.0
B404	403	GEO_Eqn_6.12b_nls01	5400	0.4	-167.0	0.1	-11.0	0.1	-404.0
B404	403	GEO_Eqn_6.12b_nls01	5760	0.4	-162.0	0.1	-11.0	0.0	-345.0
B404	403	GEO_Eqn_6.12b_nls01	6120	0.4	-157.0	0.1	-11.0	0.0	-287.0
B404	403	GEO_Eqn_6.12b_nls01	6480	0.4	-152.0	0.1	-11.0	-0.1	-232.0
B404	403	GEO_Eqn_6.12b_nls01	6480	0.0	-51.0	0.0	-4.0	0.0	-233.0
B404	403	GEO_Eqn_6.12b_nls01	6840	0.0	-46.0	0.0	-4.0	0.0	-216.0
B404	403	GEO_Eqn_6.12b_nls01	7200	0.0	-41.0	0.0	-4.0	0.0	-200.0
B404	403	GEO_Eqn_6.12b_nls01	7560	0.0	-36.0	0.0	-4.0	0.0	-186.0
B404	403	GEO_Eqn_6.12b_nls01	7560	-0.3	64.0	0.0	1.0	0.0	-187.0
B404	403	GEO_Eqn_6.12b_nls01	7920	-0.3	69.0	0.0	1.0	0.0	-211.0
B404	403	GEO_Eqn_6.12b_nls01	8280	-0.3	74.0	0.0	1.0	0.0	-236.0
B404	403	GEO_Eqn_6.12b_nls01	8640	-0.3	79.0	0.0	1.0	0.0	-264.0
B404	403	GEO_Eqn_6.12b_nls01	8640	-0.3	173.0	0.0	12.0	0.0	-267.0
B404	403	GEO_Eqn_6.12b_nls01	9000	-0.3	178.0	0.0	12.0	0.0	-330.0
B404	403	GEO_Eqn_6.12b_nls01	9360	-0.3	183.0	0.0	12.0	0.0	-395.0
B404	403	GEO_Eqn_6.12b_nls01	9720	-0.3	188.0	0.0	12.0	0.0	-462.0
B404	403	GEO_Eqn_6.12b_nls01	9720	0.2	257.0	0.0	36.0	0.0	-467.0
B404	403	GEO_Eqn_6.12b_nls01	10080	0.2	262.0	0.0	36.0	0.0	-560.0
B404	403	GEO_Eqn_6.12b_nls01	10440	0.1	267.0	-0.1	36.0	0.0	-655.0
B404	403	GEO_Eqn_6.12b_nls01	10800	0.1	272.0	-0.1	36.0	0.0	-752.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls01	10800	-4.0	-386.0	1.0	-25.0	0.3	-760.0
B404	403	GEO_Eqn_6.12b_nls01	11175	-4.0	-381.0	1.0	-25.0	0.1	-616.0
B404	403	GEO_Eqn_6.12b_nls01	11550	-4.0	-375.0	1.0	-25.0	-0.1	-474.0
B404	403	GEO_Eqn_6.12b_nls01	11550	-4.0	-338.0	0.2	-5.0	0.0	-467.0
B404	403	GEO_Eqn_6.12b_nls01	11925	-4.0	-332.0	0.2	-5.0	0.0	-342.0
B404	403	GEO_Eqn_6.12b_nls01	12300	-4.0	-327.0	0.2	-5.0	-0.1	-218.0
B404	403	GEO_Eqn_6.12b_nls01	12300	-3.0	-264.0	0.2	6.0	0.1	-212.0
B404	403	GEO_Eqn_6.12b_nls01	12787.5	-3.0	-258.0	0.2	6.0	0.0	-85.0
B404	403	GEO_Eqn_6.12b_nls01	13275	-3.0	-251.0	0.2	6.0	-0.1	39.0
B404	403	GEO_Eqn_6.12b_nls01	13275	-1.0	-168.0	0.2	8.0	0.2	38.0
B404	403	GEO_Eqn_6.12b_nls01	13762.5	-1.0	-161.0	0.2	8.0	0.1	119.0
B404	403	GEO_Eqn_6.12b_nls01	14250	-1.0	-154.0	0.2	8.0	-0.1	195.0
B404	403	GEO_Eqn_6.12b_nls01	14250	2.0	-75.0	1.0	3.0	0.3	196.0
B404	403	GEO_Eqn_6.12b_nls01	14737.5	2.0	-68.0	1.0	3.0	-0.4	230.0
B404	403	GEO_Eqn_6.12b_nls01	15225	2.0	-61.0	1.0	3.0	-1.0	262.0
B404	403	GEO_Eqn_6.12b_nls01	15225	9.0	-26.0	-3.0	2.0	-1.0	259.0
B404	403	GEO_Eqn_6.12b_nls01	15712.5	9.0	-19.0	-3.0	2.0	0.3	270.0
B404	403	GEO_Eqn_6.12b_nls01	16200	9.0	-12.0	-3.0	2.0	2.0	278.0
B404	403	GEO_Eqn_6.12b_nls02	0	-11.0	-59.0	2.0	-13.0	1.0	167.0
B404	403	GEO_Eqn_6.12b_nls02	360	-11.0	-53.0	2.0	-13.0	1.0	187.0
B404	403	GEO_Eqn_6.12b_nls02	720	-11.0	-48.0	2.0	-13.0	-0.2	206.0
B404	403	GEO_Eqn_6.12b_nls02	1080	-11.0	-43.0	2.0	-13.0	-1.0	222.0
B404	403	GEO_Eqn_6.12b_nls02	1080	2.0	5.0	-1.0	-12.0	-1.0	224.0
B404	403	GEO_Eqn_6.12b_nls02	1440	2.0	10.0	-1.0	-12.0	-1.0	221.0
B404	403	GEO_Eqn_6.12b_nls02	1800	2.0	15.0	-1.0	-12.0	-0.1	216.0
B404	403	GEO_Eqn_6.12b_nls02	2160	2.0	21.0	-1.0	-12.0	0.3	210.0
B404	403	GEO_Eqn_6.12b_nls02	2160	3.0	101.0	0.1	-9.0	0.2	210.0
B404	403	GEO_Eqn_6.12b_nls02	2520	3.0	106.0	0.1	-9.0	0.2	173.0
B404	403	GEO_Eqn_6.12b_nls02	2880	3.0	111.0	0.1	-9.0	0.1	134.0
B404	403	GEO_Eqn_6.12b_nls02	3240	3.0	116.0	0.1	-9.0	0.1	93.0
B404	403	GEO_Eqn_6.12b_nls02	3240	3.0	208.0	-0.1	-3.0	-0.1	90.0
B404	403	GEO_Eqn_6.12b_nls02	3600	3.0	213.0	-0.1	-3.0	-0.1	15.0
B404	403	GEO_Eqn_6.12b_nls02	3960	3.0	218.0	-0.1	-3.0	0.0	-63.0
B404	403	GEO_Eqn_6.12b_nls02	4320	3.0	223.0	-0.1	-3.0	0.0	-142.0
B404	403	GEO_Eqn_6.12b_nls02	4320	3.0	318.0	-0.2	6.0	-0.1	-147.0
B404	403	GEO_Eqn_6.12b_nls02	4680	3.0	323.0	-0.2	6.0	0.0	-263.0
B404	403	GEO_Eqn_6.12b_nls02	5040	3.0	328.0	-0.2	6.0	0.1	-380.0
B404	403	GEO_Eqn_6.12b_nls02	5400	3.0	333.0	-0.2	6.0	0.2	-499.0
B404	403	GEO_Eqn_6.12b_nls02	5400	0.1	-200.0	0.1	-15.0	0.0	-501.0
B404	403	GEO_Eqn_6.12b_nls02	5760	0.1	-195.0	0.1	-15.0	0.0	-430.0
B404	403	GEO_Eqn_6.12b_nls02	6120	0.1	-190.0	0.1	-15.0	0.0	-361.0
B404	403	GEO_Eqn_6.12b_nls02	6480	0.1	-185.0	0.1	-15.0	0.0	-293.0
B404	403	GEO_Eqn_6.12b_nls02	6480	-0.1	-83.0	0.0	-8.0	0.0	-295.0
B404	403	GEO_Eqn_6.12b_nls02	6840	-0.1	-78.0	0.0	-8.0	0.0	-266.0
B404	403	GEO_Eqn_6.12b_nls02	7200	-0.1	-73.0	0.0	-8.0	0.0	-238.0
B404	403	GEO_Eqn_6.12b_nls02	7560	-0.1	-68.0	0.0	-8.0	0.0	-213.0
B404	403	GEO_Eqn_6.12b_nls02	7560	-0.2	32.0	0.0	-2.0	0.0	-213.0
B404	403	GEO_Eqn_6.12b_nls02	7920	-0.2	37.0	0.0	-2.0	0.0	-225.0
B404	403	GEO_Eqn_6.12b_nls02	8280	-0.2	42.0	0.0	-2.0	0.0	-240.0
B404	403	GEO_Eqn_6.12b_nls02	8640	-0.2	47.0	0.0	-2.0	0.0	-256.0
B404	403	GEO_Eqn_6.12b_nls02	8640	-0.2	141.0	0.0	9.0	0.0	-258.0
B404	403	GEO_Eqn_6.12b_nls02	9000	-0.2	146.0	0.0	9.0	0.0	-310.0
B404	403	GEO_Eqn_6.12b_nls02	9360	-0.2	151.0	0.0	9.0	0.0	-363.0
B404	403	GEO_Eqn_6.12b_nls02	9720	-0.2	156.0	0.0	9.0	0.0	-418.0
B404	403	GEO_Eqn_6.12b_nls02	9720	0.4	225.0	0.0	33.0	0.0	-423.0
B404	403	GEO_Eqn_6.12b_nls02	10080	0.4	230.0	0.0	33.0	0.0	-504.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls02	10440	0.4	235.0	-0.1	33.0	0.0	-588.0
B404	403	GEO_Eqn_6.12b_nls02	10800	0.4	240.0	-0.1	33.0	0.0	-673.0
B404	403	GEO_Eqn_6.12b_nls02	10800	-5.0	-380.0	1.0	-21.0	0.3	-688.0
B404	403	GEO_Eqn_6.12b_nls02	11175	-5.0	-375.0	1.0	-21.0	0.1	-546.0
B404	403	GEO_Eqn_6.12b_nls02	11550	-5.0	-370.0	1.0	-21.0	-0.1	-407.0
B404	403	GEO_Eqn_6.12b_nls02	11550	-4.0	-332.0	0.2	-1.0	0.0	-400.0
B404	403	GEO_Eqn_6.12b_nls02	11925	-4.0	-327.0	0.2	-1.0	0.0	-277.0
B404	403	GEO_Eqn_6.12b_nls02	12300	-4.0	-322.0	0.2	-1.0	-0.1	-155.0
B404	403	GEO_Eqn_6.12b_nls02	12300	-3.0	-259.0	0.2	10.0	0.1	-150.0
B404	403	GEO_Eqn_6.12b_nls02	12787.5	-3.0	-252.0	0.2	10.0	0.0	-25.0
B404	403	GEO_Eqn_6.12b_nls02	13275	-3.0	-245.0	0.2	10.0	-0.1	96.0
B404	403	GEO_Eqn_6.12b_nls02	13275	-1.0	-162.0	0.2	12.0	0.2	96.0
B404	403	GEO_Eqn_6.12b_nls02	13762.5	-1.0	-155.0	0.2	12.0	0.1	173.0
B404	403	GEO_Eqn_6.12b_nls02	14250	-1.0	-149.0	0.2	12.0	-0.1	247.0
B404	403	GEO_Eqn_6.12b_nls02	14250	2.0	-69.0	1.0	8.0	0.3	247.0
B404	403	GEO_Eqn_6.12b_nls02	14737.5	2.0	-63.0	1.0	8.0	-0.4	280.0
B404	403	GEO_Eqn_6.12b_nls02	15225	2.0	-56.0	1.0	8.0	-1.0	308.0
B404	403	GEO_Eqn_6.12b_nls02	15225	9.0	-21.0	-3.0	6.0	-1.0	306.0
B404	403	GEO_Eqn_6.12b_nls02	15712.5	9.0	-14.0	-3.0	6.0	0.3	314.0
B404	403	GEO_Eqn_6.12b_nls02	16200	9.0	-7.0	-3.0	6.0	2.0	320.0
B404	403	GEO_Eqn_6.12b_nls03	0	5.0	-170.0	-1.0	-6.0	-1.0	13.0
B404	403	GEO_Eqn_6.12b_nls03	360	5.0	-165.0	-1.0	-6.0	-0.3	73.0
B404	403	GEO_Eqn_6.12b_nls03	720	5.0	-160.0	-1.0	-6.0	0.1	132.0
B404	403	GEO_Eqn_6.12b_nls03	1080	5.0	-154.0	-1.0	-6.0	1.0	188.0
B404	403	GEO_Eqn_6.12b_nls03	1080	-1.0	-111.0	1.0	-5.0	1.0	191.0
B404	403	GEO_Eqn_6.12b_nls03	1440	-1.0	-106.0	1.0	-5.0	0.3	230.0
B404	403	GEO_Eqn_6.12b_nls03	1800	-1.0	-101.0	1.0	-5.0	0.1	267.0
B404	403	GEO_Eqn_6.12b_nls03	2160	-1.0	-96.0	1.0	-5.0	-0.2	302.0
B404	403	GEO_Eqn_6.12b_nls03	2160	-1.0	-18.0	-0.1	-3.0	-0.1	303.0
B404	403	GEO_Eqn_6.12b_nls03	2520	-1.0	-13.0	-0.1	-3.0	-0.1	309.0
B404	403	GEO_Eqn_6.12b_nls03	2880	-1.0	-8.0	-0.1	-3.0	-0.1	313.0
B404	403	GEO_Eqn_6.12b_nls03	3240	-1.0	-3.0	-0.1	-3.0	-0.1	315.0
B404	403	GEO_Eqn_6.12b_nls03	3240	-1.0	85.0	0.1	0.1	0.1	313.0
B404	403	GEO_Eqn_6.12b_nls03	3600	-1.0	91.0	0.1	0.1	0.0	281.0
B404	403	GEO_Eqn_6.12b_nls03	3960	-1.0	96.0	0.1	0.1	0.0	248.0
B404	403	GEO_Eqn_6.12b_nls03	4320	-1.0	101.0	0.1	0.1	0.0	213.0
B404	403	GEO_Eqn_6.12b_nls03	4320	-1.0	192.0	0.1	3.0	0.0	209.0
B404	403	GEO_Eqn_6.12b_nls03	4680	-1.0	197.0	0.1	3.0	0.0	139.0
B404	403	GEO_Eqn_6.12b_nls03	5040	-1.0	203.0	0.1	3.0	-0.1	67.0
B404	403	GEO_Eqn_6.12b_nls03	5400	-1.0	208.0	0.1	3.0	-0.1	-7.0
B404	403	GEO_Eqn_6.12b_nls03	5400	0.3	-246.0	0.0	11.0	0.0	-0.4
B404	403	GEO_Eqn_6.12b_nls03	5760	0.3	-240.0	0.0	11.0	0.0	87.0
B404	403	GEO_Eqn_6.12b_nls03	6120	0.3	-235.0	0.0	11.0	0.0	173.0
B404	403	GEO_Eqn_6.12b_nls03	6480	0.3	-230.0	0.0	11.0	0.0	257.0
B404	403	GEO_Eqn_6.12b_nls03	6480	0.3	-133.0	0.0	11.0	0.0	256.0
B404	403	GEO_Eqn_6.12b_nls03	6840	0.3	-128.0	0.0	11.0	0.0	303.0
B404	403	GEO_Eqn_6.12b_nls03	7200	0.3	-123.0	0.0	11.0	0.0	348.0
B404	403	GEO_Eqn_6.12b_nls03	7560	0.3	-118.0	0.0	11.0	0.0	391.0
B404	403	GEO_Eqn_6.12b_nls03	7560	0.3	-22.0	0.0	10.0	0.0	391.0
B404	403	GEO_Eqn_6.12b_nls03	7920	0.3	-17.0	0.0	10.0	0.0	398.0
B404	403	GEO_Eqn_6.12b_nls03	8280	0.3	-12.0	0.0	10.0	0.0	404.0
B404	403	GEO_Eqn_6.12b_nls03	8640	0.3	-7.0	0.0	10.0	0.0	407.0
B404	403	GEO_Eqn_6.12b_nls03	8640	0.0	83.0	0.0	14.0	0.0	405.0
B404	403	GEO_Eqn_6.12b_nls03	9000	0.0	88.0	0.0	14.0	0.0	374.0
B404	403	GEO_Eqn_6.12b_nls03	9360	0.0	94.0	0.0	14.0	0.0	341.0
B404	403	GEO_Eqn_6.12b_nls03	9720	0.0	99.0	0.0	14.0	0.0	307.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls03	9720	-1.0	164.0	0.0	31.0	0.0	303.0
B404	403	GEO_Eqn_6.12b_nls03	10080	-1.0	169.0	0.0	31.0	0.0	243.0
B404	403	GEO_Eqn_6.12b_nls03	10440	-1.0	174.0	0.0	31.0	0.0	181.0
B404	403	GEO_Eqn_6.12b_nls03	10800	-1.0	179.0	0.0	31.0	0.0	117.0
B404	403	GEO_Eqn_6.12b_nls03	10800	6.0	-108.0	-1.0	-32.0	-0.3	148.0
B404	403	GEO_Eqn_6.12b_nls03	11175	6.0	-103.0	-1.0	-32.0	-0.1	188.0
B404	403	GEO_Eqn_6.12b_nls03	11550	6.0	-98.0	-1.0	-32.0	0.1	225.0
B404	403	GEO_Eqn_6.12b_nls03	11550	5.0	-60.0	-0.2	-17.0	0.0	229.0
B404	403	GEO_Eqn_6.12b_nls03	11925	5.0	-55.0	-0.2	-17.0	0.0	250.0
B404	403	GEO_Eqn_6.12b_nls03	12300	5.0	-50.0	-0.2	-17.0	0.1	270.0
B404	403	GEO_Eqn_6.12b_nls03	12300	4.0	14.0	-0.3	-10.0	-0.1	273.0
B404	403	GEO_Eqn_6.12b_nls03	12787.5	4.0	21.0	-0.3	-10.0	0.0	264.0
B404	403	GEO_Eqn_6.12b_nls03	13275	4.0	28.0	-0.3	-10.0	0.1	252.0
B404	403	GEO_Eqn_6.12b_nls03	13275	1.0	110.0	-0.3	-12.0	-0.2	250.0
B404	403	GEO_Eqn_6.12b_nls03	13762.5	1.0	117.0	-0.3	-12.0	0.0	194.0
B404	403	GEO_Eqn_6.12b_nls03	14250	1.0	123.0	-0.3	-12.0	0.1	136.0
B404	403	GEO_Eqn_6.12b_nls03	14250	-3.0	202.0	-1.0	-19.0	-0.3	134.0
B404	403	GEO_Eqn_6.12b_nls03	14737.5	-3.0	209.0	-1.0	-19.0	0.4	34.0
B404	403	GEO_Eqn_6.12b_nls03	15225	-3.0	216.0	-1.0	-19.0	1.0	-70.0
B404	403	GEO_Eqn_6.12b_nls03	15225	-11.0	249.0	2.0	-20.0	1.0	-75.0
B404	403	GEO_Eqn_6.12b_nls03	15712.5	-11.0	256.0	2.0	-20.0	-0.3	-198.0
B404	403	GEO_Eqn_6.12b_nls03	16200	-11.0	263.0	2.0	-20.0	-1.0	-324.0
B404	403	GEO_Eqn_6.12b_nls04	0	9.0	-135.0	-2.0	-11.0	-1.0	25.0
B404	403	GEO_Eqn_6.12b_nls04	360	9.0	-130.0	-2.0	-11.0	-1.0	73.0
B404	403	GEO_Eqn_6.12b_nls04	720	9.0	-125.0	-2.0	-11.0	0.2	119.0
B404	403	GEO_Eqn_6.12b_nls04	1080	9.0	-120.0	-2.0	-11.0	1.0	163.0
B404	403	GEO_Eqn_6.12b_nls04	1080	-2.0	-76.0	1.0	-10.0	1.0	165.0
B404	403	GEO_Eqn_6.12b_nls04	1440	-2.0	-71.0	1.0	-10.0	1.0	191.0
B404	403	GEO_Eqn_6.12b_nls04	1800	-2.0	-66.0	1.0	-10.0	0.1	216.0
B404	403	GEO_Eqn_6.12b_nls04	2160	-2.0	-61.0	1.0	-10.0	-0.3	239.0
B404	403	GEO_Eqn_6.12b_nls04	2160	-2.0	17.0	-0.2	-8.0	-0.3	239.0
B404	403	GEO_Eqn_6.12b_nls04	2520	-2.0	22.0	-0.2	-8.0	-0.2	232.0
B404	403	GEO_Eqn_6.12b_nls04	2880	-2.0	27.0	-0.2	-8.0	-0.1	223.0
B404	403	GEO_Eqn_6.12b_nls04	3240	-2.0	32.0	-0.2	-8.0	-0.1	213.0
B404	403	GEO_Eqn_6.12b_nls04	3240	-2.0	121.0	0.1	-5.0	0.1	211.0
B404	403	GEO_Eqn_6.12b_nls04	3600	-2.0	126.0	0.1	-5.0	0.1	167.0
B404	403	GEO_Eqn_6.12b_nls04	3960	-2.0	131.0	0.1	-5.0	0.0	120.0
B404	403	GEO_Eqn_6.12b_nls04	4320	-2.0	136.0	0.1	-5.0	0.0	73.0
B404	403	GEO_Eqn_6.12b_nls04	4320	-2.0	228.0	0.1	-2.0	0.0	69.0
B404	403	GEO_Eqn_6.12b_nls04	4680	-2.0	233.0	0.1	-2.0	0.0	-14.0
B404	403	GEO_Eqn_6.12b_nls04	5040	-2.0	238.0	0.1	-2.0	-0.1	-99.0
B404	403	GEO_Eqn_6.12b_nls04	5400	-2.0	243.0	0.1	-2.0	-0.1	-185.0
B404	403	GEO_Eqn_6.12b_nls04	5400	-0.3	-319.0	-0.1	3.0	0.0	-194.0
B404	403	GEO_Eqn_6.12b_nls04	5760	-0.3	-314.0	-0.1	3.0	0.0	-80.0
B404	403	GEO_Eqn_6.12b_nls04	6120	-0.3	-308.0	-0.1	3.0	0.0	32.0
B404	403	GEO_Eqn_6.12b_nls04	6480	-0.3	-303.0	-0.1	3.0	0.0	142.0
B404	403	GEO_Eqn_6.12b_nls04	6480	0.2	-206.0	0.0	3.0	0.0	142.0
B404	403	GEO_Eqn_6.12b_nls04	6840	0.2	-201.0	0.0	3.0	0.0	215.0
B404	403	GEO_Eqn_6.12b_nls04	7200	0.2	-196.0	0.0	3.0	0.0	286.0
B404	403	GEO_Eqn_6.12b_nls04	7560	0.2	-191.0	0.0	3.0	0.0	356.0
B404	403	GEO_Eqn_6.12b_nls04	7560	0.3	-95.0	0.0	2.0	0.0	357.0
B404	403	GEO_Eqn_6.12b_nls04	7920	0.3	-90.0	0.0	2.0	0.0	390.0
B404	403	GEO_Eqn_6.12b_nls04	8280	0.3	-85.0	0.0	2.0	0.0	422.0
B404	403	GEO_Eqn_6.12b_nls04	8640	0.3	-80.0	0.0	2.0	0.0	452.0
B404	403	GEO_Eqn_6.12b_nls04	8640	0.2	10.0	0.0	7.0	0.0	450.0
B404	403	GEO_Eqn_6.12b_nls04	9000	0.2	15.0	0.0	7.0	0.0	446.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls04	9360	0.2	20.0	0.0	7.0	0.0	440.0
B404	403	GEO_Eqn_6.12b_nls04	9720	0.2	25.0	0.0	7.0	0.0	431.0
B404	403	GEO_Eqn_6.12b_nls04	9720	-0.4	90.0	0.0	24.0	0.0	428.0
B404	403	GEO_Eqn_6.12b_nls04	10080	-0.4	95.0	0.0	24.0	0.0	395.0
B404	403	GEO_Eqn_6.12b_nls04	10440	-0.5	100.0	0.0	24.0	0.0	359.0
B404	403	GEO_Eqn_6.12b_nls04	10800	-0.5	106.0	0.0	24.0	0.0	322.0
B404	403	GEO_Eqn_6.12b_nls04	10800	6.0	-83.0	-1.0	-23.0	-0.3	340.0
B404	403	GEO_Eqn_6.12b_nls04	11175	6.0	-78.0	-1.0	-23.0	-0.1	370.0
B404	403	GEO_Eqn_6.12b_nls04	11550	6.0	-72.0	-1.0	-23.0	0.1	398.0
B404	403	GEO_Eqn_6.12b_nls04	11550	5.0	-35.0	-0.2	-8.0	0.0	401.0
B404	403	GEO_Eqn_6.12b_nls04	11925	5.0	-30.0	-0.2	-8.0	0.0	413.0
B404	403	GEO_Eqn_6.12b_nls04	12300	5.0	-25.0	-0.2	-8.0	0.1	423.0
B404	403	GEO_Eqn_6.12b_nls04	12300	4.0	39.0	-0.3	-1.0	-0.1	426.0
B404	403	GEO_Eqn_6.12b_nls04	12787.5	4.0	46.0	-0.3	-1.0	0.0	405.0
B404	403	GEO_Eqn_6.12b_nls04	13275	4.0	53.0	-0.3	-1.0	0.1	381.0
B404	403	GEO_Eqn_6.12b_nls04	13275	2.0	134.0	-0.3	-3.0	-0.2	379.0
B404	403	GEO_Eqn_6.12b_nls04	13762.5	2.0	141.0	-0.3	-3.0	0.0	312.0
B404	403	GEO_Eqn_6.12b_nls04	14250	2.0	148.0	-0.3	-3.0	0.1	241.0
B404	403	GEO_Eqn_6.12b_nls04	14250	-3.0	226.0	-1.0	-10.0	-0.3	239.0
B404	403	GEO_Eqn_6.12b_nls04	14737.5	-3.0	233.0	-1.0	-10.0	0.4	127.0
B404	403	GEO_Eqn_6.12b_nls04	15225	-3.0	240.0	-1.0	-10.0	1.0	12.0
B404	403	GEO_Eqn_6.12b_nls04	15225	-11.0	272.0	2.0	-11.0	1.0	7.0
B404	403	GEO_Eqn_6.12b_nls04	15712.5	-11.0	279.0	2.0	-11.0	-0.3	-128.0
B404	403	GEO_Eqn_6.12b_nls04	16200	-11.0	286.0	2.0	-11.0	-1.0	-265.0
B404	403	GEO_Eqn_6.12b_nls05	0	-13.0	-82.0	3.0	-11.0	2.0	154.0
B404	403	GEO_Eqn_6.12b_nls05	360	-13.0	-77.0	3.0	-11.0	1.0	183.0
B404	403	GEO_Eqn_6.12b_nls05	720	-13.0	-72.0	3.0	-11.0	-0.3	210.0
B404	403	GEO_Eqn_6.12b_nls05	1080	-13.0	-67.0	3.0	-11.0	-1.0	235.0
B404	403	GEO_Eqn_6.12b_nls05	1080	3.0	-19.0	-2.0	-9.0	-1.0	237.0
B404	403	GEO_Eqn_6.12b_nls05	1440	3.0	-14.0	-2.0	-9.0	-1.0	243.0
B404	403	GEO_Eqn_6.12b_nls05	1800	3.0	-9.0	-2.0	-9.0	-0.2	247.0
B404	403	GEO_Eqn_6.12b_nls05	2160	3.0	-4.0	-2.0	-9.0	0.5	249.0
B404	403	GEO_Eqn_6.12b_nls05	2160	4.0	77.0	0.1	-6.0	0.3	250.0
B404	403	GEO_Eqn_6.12b_nls05	2520	4.0	82.0	0.1	-6.0	0.2	221.0
B404	403	GEO_Eqn_6.12b_nls05	2880	4.0	87.0	0.1	-6.0	0.2	191.0
B404	403	GEO_Eqn_6.12b_nls05	3240	4.0	92.0	0.1	-6.0	0.1	158.0
B404	403	GEO_Eqn_6.12b_nls05	3240	4.0	183.0	-0.1	1.0	-0.1	156.0
B404	403	GEO_Eqn_6.12b_nls05	3600	4.0	189.0	-0.1	1.0	-0.1	89.0
B404	403	GEO_Eqn_6.12b_nls05	3960	4.0	194.0	-0.1	1.0	0.0	20.0
B404	403	GEO_Eqn_6.12b_nls05	4320	4.0	199.0	-0.1	1.0	0.0	-50.0
B404	403	GEO_Eqn_6.12b_nls05	4320	3.0	294.0	-0.3	9.0	-0.1	-55.0
B404	403	GEO_Eqn_6.12b_nls05	4680	3.0	299.0	-0.3	9.0	0.0	-161.0
B404	403	GEO_Eqn_6.12b_nls05	5040	3.0	304.0	-0.3	9.0	0.1	-270.0
B404	403	GEO_Eqn_6.12b_nls05	5400	3.0	309.0	-0.3	9.0	0.2	-380.0
B404	403	GEO_Eqn_6.12b_nls05	5400	1.0	-163.0	0.1	-9.0	0.1	-373.0
B404	403	GEO_Eqn_6.12b_nls05	5760	1.0	-158.0	0.1	-9.0	0.0	-315.0
B404	403	GEO_Eqn_6.12b_nls05	6120	1.0	-152.0	0.1	-9.0	0.0	-259.0
B404	403	GEO_Eqn_6.12b_nls05	6480	1.0	-147.0	0.1	-9.0	-0.1	-205.0
B404	403	GEO_Eqn_6.12b_nls05	6480	0.1	-46.0	0.0	-3.0	0.0	-207.0
B404	403	GEO_Eqn_6.12b_nls05	6840	0.1	-41.0	0.0	-3.0	0.0	-191.0
B404	403	GEO_Eqn_6.12b_nls05	7200	0.1	-36.0	0.0	-3.0	0.0	-177.0
B404	403	GEO_Eqn_6.12b_nls05	7560	0.1	-31.0	0.0	-3.0	0.0	-165.0
B404	403	GEO_Eqn_6.12b_nls05	7560	-0.3	69.0	0.0	2.0	0.0	-166.0
B404	403	GEO_Eqn_6.12b_nls05	7920	-0.3	74.0	0.0	2.0	0.0	-192.0
B404	403	GEO_Eqn_6.12b_nls05	8280	-0.3	79.0	0.0	2.0	0.0	-219.0
B404	403	GEO_Eqn_6.12b_nls05	8640	-0.3	84.0	0.0	2.0	0.0	-248.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls05	8640	-0.4	178.0	0.0	13.0	0.0	-251.0
B404	403	GEO_Eqn_6.12b_nls05	9000	-0.4	183.0	0.0	13.0	0.0	-316.0
B404	403	GEO_Eqn_6.12b_nls05	9360	-0.4	188.0	0.0	13.0	0.0	-383.0
B404	403	GEO_Eqn_6.12b_nls05	9720	-0.4	193.0	0.0	13.0	0.0	-452.0
B404	403	GEO_Eqn_6.12b_nls05	9720	0.0	262.0	0.0	37.0	0.0	-457.0
B404	403	GEO_Eqn_6.12b_nls05	10080	0.0	267.0	0.0	37.0	0.0	-552.0
B404	403	GEO_Eqn_6.12b_nls05	10440	0.0	272.0	0.0	37.0	0.0	-649.0
B404	403	GEO_Eqn_6.12b_nls05	10800	0.0	277.0	0.0	37.0	0.0	-748.0
B404	403	GEO_Eqn_6.12b_nls05	10800	-4.0	-383.0	1.0	-28.0	0.3	-753.0
B404	403	GEO_Eqn_6.12b_nls05	11175	-4.0	-378.0	1.0	-28.0	0.1	-610.0
B404	403	GEO_Eqn_6.12b_nls05	11550	-4.0	-372.0	1.0	-28.0	-0.1	-470.0
B404	403	GEO_Eqn_6.12b_nls05	11550	-3.0	-334.0	0.1	-8.0	0.0	-463.0
B404	403	GEO_Eqn_6.12b_nls05	11925	-3.0	-329.0	0.1	-8.0	0.0	-339.0
B404	403	GEO_Eqn_6.12b_nls05	12300	-3.0	-324.0	0.1	-8.0	-0.1	-216.0
B404	403	GEO_Eqn_6.12b_nls05	12300	-3.0	-261.0	0.2	3.0	0.1	-211.0
B404	403	GEO_Eqn_6.12b_nls05	12787.5	-3.0	-254.0	0.2	3.0	0.0	-85.0
B404	403	GEO_Eqn_6.12b_nls05	13275	-3.0	-247.0	0.2	3.0	-0.1	37.0
B404	403	GEO_Eqn_6.12b_nls05	13275	-1.0	-164.0	0.2	5.0	0.2	37.0
B404	403	GEO_Eqn_6.12b_nls05	13762.5	-1.0	-157.0	0.2	5.0	0.1	115.0
B404	403	GEO_Eqn_6.12b_nls05	14250	-1.0	-150.0	0.2	5.0	-0.1	190.0
B404	403	GEO_Eqn_6.12b_nls05	14250	2.0	-71.0	1.0	0.5	0.2	190.0
B404	403	GEO_Eqn_6.12b_nls05	14737.5	2.0	-64.0	1.0	0.5	-0.4	223.0
B404	403	GEO_Eqn_6.12b_nls05	15225	2.0	-57.0	1.0	0.5	-1.0	253.0
B404	403	GEO_Eqn_6.12b_nls05	15225	8.0	-22.0	-2.0	-1.0	-1.0	250.0
B404	403	GEO_Eqn_6.12b_nls05	15712.5	8.0	-15.0	-2.0	-1.0	0.2	259.0
B404	403	GEO_Eqn_6.12b_nls05	16200	8.0	-8.0	-2.0	-1.0	1.0	265.0
B404	403	GEO_Eqn_6.12b_nls06	0	-11.0	-47.0	2.0	-15.0	1.0	171.0
B404	403	GEO_Eqn_6.12b_nls06	360	-11.0	-42.0	2.0	-15.0	1.0	187.0
B404	403	GEO_Eqn_6.12b_nls06	720	-11.0	-37.0	2.0	-15.0	-0.2	202.0
B404	403	GEO_Eqn_6.12b_nls06	1080	-11.0	-32.0	2.0	-15.0	-1.0	214.0
B404	403	GEO_Eqn_6.12b_nls06	1080	1.0	17.0	-1.0	-14.0	-1.0	216.0
B404	403	GEO_Eqn_6.12b_nls06	1440	1.0	22.0	-1.0	-14.0	-1.0	209.0
B404	403	GEO_Eqn_6.12b_nls06	1800	1.0	27.0	-1.0	-14.0	-0.1	200.0
B404	403	GEO_Eqn_6.12b_nls06	2160	1.0	32.0	-1.0	-14.0	0.3	189.0
B404	403	GEO_Eqn_6.12b_nls06	2160	3.0	113.0	0.1	-11.0	0.2	189.0
B404	403	GEO_Eqn_6.12b_nls06	2520	3.0	118.0	0.1	-11.0	0.2	148.0
B404	403	GEO_Eqn_6.12b_nls06	2880	3.0	123.0	0.0	-11.0	0.1	104.0
B404	403	GEO_Eqn_6.12b_nls06	3240	3.0	128.0	0.0	-11.0	0.1	59.0
B404	403	GEO_Eqn_6.12b_nls06	3240	3.0	219.0	-0.1	-4.0	-0.1	57.0
B404	403	GEO_Eqn_6.12b_nls06	3600	3.0	225.0	-0.1	-4.0	-0.1	-23.0
B404	403	GEO_Eqn_6.12b_nls06	3960	3.0	230.0	-0.1	-4.0	0.0	-105.0
B404	403	GEO_Eqn_6.12b_nls06	4320	3.0	235.0	-0.1	-4.0	0.0	-189.0
B404	403	GEO_Eqn_6.12b_nls06	4320	3.0	330.0	-0.2	4.0	-0.1	-193.0
B404	403	GEO_Eqn_6.12b_nls06	4680	3.0	335.0	-0.2	4.0	0.0	-313.0
B404	403	GEO_Eqn_6.12b_nls06	5040	3.0	340.0	-0.3	4.0	0.1	-435.0
B404	403	GEO_Eqn_6.12b_nls06	5400	3.0	345.0	-0.3	4.0	0.2	-558.0
B404	403	GEO_Eqn_6.12b_nls06	5400	0.1	-226.0	0.1	-18.0	0.0	-565.0
B404	403	GEO_Eqn_6.12b_nls06	5760	0.1	-221.0	0.1	-18.0	0.0	-485.0
B404	403	GEO_Eqn_6.12b_nls06	6120	0.1	-216.0	0.1	-18.0	0.0	-406.0
B404	403	GEO_Eqn_6.12b_nls06	6480	0.1	-211.0	0.1	-18.0	0.0	-329.0
B404	403	GEO_Eqn_6.12b_nls06	6480	-0.1	-110.0	0.0	-11.0	0.0	-330.0
B404	403	GEO_Eqn_6.12b_nls06	6840	-0.1	-105.0	0.0	-11.0	0.0	-291.0
B404	403	GEO_Eqn_6.12b_nls06	7200	-0.1	-100.0	0.0	-11.0	0.0	-255.0
B404	403	GEO_Eqn_6.12b_nls06	7560	-0.1	-95.0	0.0	-11.0	0.0	-220.0
B404	403	GEO_Eqn_6.12b_nls06	7560	-0.2	5.0	0.0	-5.0	0.0	-219.0
B404	403	GEO_Eqn_6.12b_nls06	7920	-0.2	10.0	0.0	-5.0	0.0	-222.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls06	8280	-0.2	15.0	0.0	-5.0	0.0	-227.0
B404	403	GEO_Eqn_6.12b_nls06	8640	-0.2	20.0	0.0	-5.0	0.0	-233.0
B404	403	GEO_Eqn_6.12b_nls06	8640	-0.1	114.0	0.0	6.0	0.0	-235.0
B404	403	GEO_Eqn_6.12b_nls06	9000	-0.1	119.0	0.0	6.0	0.0	-277.0
B404	403	GEO_Eqn_6.12b_nls06	9360	-0.1	124.0	0.0	6.0	0.0	-321.0
B404	403	GEO_Eqn_6.12b_nls06	9720	-0.1	129.0	0.0	6.0	0.0	-367.0
B404	403	GEO_Eqn_6.12b_nls06	9720	0.4	198.0	0.0	31.0	0.0	-371.0
B404	403	GEO_Eqn_6.12b_nls06	10080	0.4	203.0	0.0	31.0	0.0	-443.0
B404	403	GEO_Eqn_6.12b_nls06	10440	0.4	208.0	0.0	31.0	0.0	-518.0
B404	403	GEO_Eqn_6.12b_nls06	10800	0.4	213.0	0.0	31.0	0.0	-593.0
B404	403	GEO_Eqn_6.12b_nls06	10800	-4.0	-372.0	1.0	-20.0	0.3	-613.0
B404	403	GEO_Eqn_6.12b_nls06	11175	-4.0	-367.0	1.0	-20.0	0.1	-474.0
B404	403	GEO_Eqn_6.12b_nls06	11550	-4.0	-362.0	1.0	-20.0	-0.1	-338.0
B404	403	GEO_Eqn_6.12b_nls06	11550	-4.0	-324.0	0.1	1.0	0.0	-331.0
B404	403	GEO_Eqn_6.12b_nls06	11925	-4.0	-319.0	0.1	1.0	0.0	-211.0
B404	403	GEO_Eqn_6.12b_nls06	12300	-4.0	-313.0	0.1	1.0	-0.1	-92.0
B404	403	GEO_Eqn_6.12b_nls06	12300	-3.0	-251.0	0.2	12.0	0.1	-87.0
B404	403	GEO_Eqn_6.12b_nls06	12787.5	-3.0	-244.0	0.2	12.0	0.0	34.0
B404	403	GEO_Eqn_6.12b_nls06	13275	-3.0	-237.0	0.2	12.0	-0.1	151.0
B404	403	GEO_Eqn_6.12b_nls06	13275	-1.0	-154.0	0.2	15.0	0.2	151.0
B404	403	GEO_Eqn_6.12b_nls06	13762.5	-1.0	-147.0	0.2	15.0	0.1	224.0
B404	403	GEO_Eqn_6.12b_nls06	14250	-1.0	-141.0	0.2	15.0	0.0	294.0
B404	403	GEO_Eqn_6.12b_nls06	14250	2.0	-61.0	1.0	10.0	0.2	294.0
B404	403	GEO_Eqn_6.12b_nls06	14737.5	2.0	-55.0	1.0	10.0	-0.4	323.0
B404	403	GEO_Eqn_6.12b_nls06	15225	2.0	-48.0	1.0	10.0	-1.0	348.0
B404	403	GEO_Eqn_6.12b_nls06	15225	8.0	-13.0	-2.0	9.0	-1.0	345.0
B404	403	GEO_Eqn_6.12b_nls06	15712.5	8.0	-6.0	-2.0	9.0	0.2	350.0
B404	403	GEO_Eqn_6.12b_nls06	16200	8.0	1.0	-2.0	9.0	1.0	351.0
B404	403	GEO_Eqn_6.12b_nls07	0	7.0	-164.0	-2.0	-7.0	-1.0	15.0
B404	403	GEO_Eqn_6.12b_nls07	360	7.0	-158.0	-2.0	-7.0	-0.4	73.0
B404	403	GEO_Eqn_6.12b_nls07	720	7.0	-153.0	-2.0	-7.0	0.2	129.0
B404	403	GEO_Eqn_6.12b_nls07	1080	7.0	-148.0	-2.0	-7.0	1.0	183.0
B404	403	GEO_Eqn_6.12b_nls07	1080	-2.0	-105.0	1.0	-6.0	1.0	186.0
B404	403	GEO_Eqn_6.12b_nls07	1440	-2.0	-100.0	1.0	-6.0	0.4	223.0
B404	403	GEO_Eqn_6.12b_nls07	1800	-2.0	-95.0	1.0	-6.0	0.1	258.0
B404	403	GEO_Eqn_6.12b_nls07	2160	-2.0	-90.0	1.0	-6.0	-0.2	291.0
B404	403	GEO_Eqn_6.12b_nls07	2160	-2.0	-12.0	-0.1	-4.0	-0.2	292.0
B404	403	GEO_Eqn_6.12b_nls07	2520	-2.0	-7.0	-0.1	-4.0	-0.1	295.0
B404	403	GEO_Eqn_6.12b_nls07	2880	-2.0	-2.0	-0.1	-4.0	-0.1	297.0
B404	403	GEO_Eqn_6.12b_nls07	3240	-2.0	3.0	-0.1	-4.0	-0.1	297.0
B404	403	GEO_Eqn_6.12b_nls07	3240	-2.0	92.0	0.1	-1.0	0.1	295.0
B404	403	GEO_Eqn_6.12b_nls07	3600	-2.0	97.0	0.1	-1.0	0.0	261.0
B404	403	GEO_Eqn_6.12b_nls07	3960	-2.0	102.0	0.1	-1.0	0.0	225.0
B404	403	GEO_Eqn_6.12b_nls07	4320	-2.0	107.0	0.1	-1.0	0.0	188.0
B404	403	GEO_Eqn_6.12b_nls07	4320	-1.0	198.0	0.1	3.0	0.0	184.0
B404	403	GEO_Eqn_6.12b_nls07	4680	-1.0	204.0	0.1	3.0	0.0	112.0
B404	403	GEO_Eqn_6.12b_nls07	5040	-1.0	209.0	0.1	3.0	-0.1	38.0
B404	403	GEO_Eqn_6.12b_nls07	5400	-1.0	214.0	0.1	3.0	-0.1	-38.0
B404	403	GEO_Eqn_6.12b_nls07	5400	0.1	-247.0	0.0	9.0	0.0	-34.0
B404	403	GEO_Eqn_6.12b_nls07	5760	0.1	-242.0	0.0	9.0	0.0	54.0
B404	403	GEO_Eqn_6.12b_nls07	6120	0.1	-237.0	0.0	9.0	0.0	140.0
B404	403	GEO_Eqn_6.12b_nls07	6480	0.1	-232.0	0.0	9.0	0.0	224.0
B404	403	GEO_Eqn_6.12b_nls07	6480	0.3	-134.0	0.0	9.0	0.0	223.0
B404	403	GEO_Eqn_6.12b_nls07	6840	0.3	-129.0	0.0	9.0	0.0	271.0
B404	403	GEO_Eqn_6.12b_nls07	7200	0.3	-124.0	0.0	9.0	0.0	316.0
B404	403	GEO_Eqn_6.12b_nls07	7560	0.3	-119.0	0.0	9.0	0.0	360.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls07	7560	0.3	-23.0	0.0	8.0	0.0	361.0
B404	403	GEO_Eqn_6.12b_nls07	7920	0.3	-18.0	0.0	8.0	0.0	368.0
B404	403	GEO_Eqn_6.12b_nls07	8280	0.3	-13.0	0.0	8.0	0.0	374.0
B404	403	GEO_Eqn_6.12b_nls07	8640	0.3	-8.0	0.0	8.0	0.0	378.0
B404	403	GEO_Eqn_6.12b_nls07	8640	0.1	82.0	0.0	13.0	0.0	376.0
B404	403	GEO_Eqn_6.12b_nls07	9000	0.1	87.0	0.0	13.0	0.0	345.0
B404	403	GEO_Eqn_6.12b_nls07	9360	0.1	92.0	0.0	13.0	0.0	313.0
B404	403	GEO_Eqn_6.12b_nls07	9720	0.1	97.0	0.0	13.0	0.0	279.0
B404	403	GEO_Eqn_6.12b_nls07	9720	-1.0	163.0	0.0	30.0	0.0	275.0
B404	403	GEO_Eqn_6.12b_nls07	10080	-1.0	168.0	0.0	30.0	0.0	216.0
B404	403	GEO_Eqn_6.12b_nls07	10440	-1.0	173.0	0.0	30.0	0.0	154.0
B404	403	GEO_Eqn_6.12b_nls07	10800	-1.0	178.0	0.0	30.0	0.0	91.0
B404	403	GEO_Eqn_6.12b_nls07	10800	6.0	-118.0	-1.0	-28.0	-0.3	119.0
B404	403	GEO_Eqn_6.12b_nls07	11175	6.0	-113.0	-1.0	-28.0	-0.1	163.0
B404	403	GEO_Eqn_6.12b_nls07	11550	6.0	-107.0	-1.0	-28.0	0.1	204.0
B404	403	GEO_Eqn_6.12b_nls07	11550	5.0	-70.0	-0.2	-13.0	0.0	207.0
B404	403	GEO_Eqn_6.12b_nls07	11925	5.0	-65.0	-0.2	-13.0	0.0	232.0
B404	403	GEO_Eqn_6.12b_nls07	12300	5.0	-60.0	-0.2	-13.0	0.1	256.0
B404	403	GEO_Eqn_6.12b_nls07	12300	4.0	4.0	-0.2	-6.0	-0.1	259.0
B404	403	GEO_Eqn_6.12b_nls07	12787.5	4.0	11.0	-0.2	-6.0	0.0	255.0
B404	403	GEO_Eqn_6.12b_nls07	13275	4.0	18.0	-0.2	-6.0	0.1	248.0
B404	403	GEO_Eqn_6.12b_nls07	13275	1.0	99.0	-0.3	-8.0	-0.2	246.0
B404	403	GEO_Eqn_6.12b_nls07	13762.5	1.0	106.0	-0.3	-8.0	0.0	196.0
B404	403	GEO_Eqn_6.12b_nls07	14250	1.0	113.0	-0.3	-8.0	0.1	142.0
B404	403	GEO_Eqn_6.12b_nls07	14250	-3.0	192.0	-1.0	-15.0	-0.2	140.0
B404	403	GEO_Eqn_6.12b_nls07	14737.5	-3.0	199.0	-1.0	-15.0	0.4	45.0
B404	403	GEO_Eqn_6.12b_nls07	15225	-3.0	205.0	-1.0	-15.0	1.0	-54.0
B404	403	GEO_Eqn_6.12b_nls07	15225	-10.0	239.0	2.0	-17.0	1.0	-58.0
B404	403	GEO_Eqn_6.12b_nls07	15712.5	-10.0	245.0	2.0	-17.0	-0.3	-176.0
B404	403	GEO_Eqn_6.12b_nls07	16200	-10.0	252.0	2.0	-17.0	-1.0	-298.0
B404	403	GEO_Eqn_6.12b_nls08	0	10.0	-129.0	-3.0	-12.0	-2.0	27.0
B404	403	GEO_Eqn_6.12b_nls08	360	10.0	-124.0	-3.0	-12.0	-1.0	72.0
B404	403	GEO_Eqn_6.12b_nls08	720	10.0	-119.0	-3.0	-12.0	0.3	116.0
B404	403	GEO_Eqn_6.12b_nls08	1080	10.0	-114.0	-3.0	-12.0	1.0	158.0
B404	403	GEO_Eqn_6.12b_nls08	1080	-3.0	-70.0	1.0	-11.0	1.0	160.0
B404	403	GEO_Eqn_6.12b_nls08	1440	-3.0	-65.0	1.0	-11.0	1.0	185.0
B404	403	GEO_Eqn_6.12b_nls08	1800	-3.0	-60.0	1.0	-11.0	0.1	207.0
B404	403	GEO_Eqn_6.12b_nls08	2160	-3.0	-55.0	1.0	-11.0	-0.4	228.0
B404	403	GEO_Eqn_6.12b_nls08	2160	-3.0	23.0	-0.2	-9.0	-0.3	229.0
B404	403	GEO_Eqn_6.12b_nls08	2520	-3.0	28.0	-0.2	-9.0	-0.2	220.0
B404	403	GEO_Eqn_6.12b_nls08	2880	-3.0	33.0	-0.2	-9.0	-0.2	209.0
B404	403	GEO_Eqn_6.12b_nls08	3240	-3.0	38.0	-0.2	-9.0	-0.1	196.0
B404	403	GEO_Eqn_6.12b_nls08	3240	-2.0	126.0	0.1	-6.0	0.1	194.0
B404	403	GEO_Eqn_6.12b_nls08	3600	-2.0	131.0	0.1	-6.0	0.1	148.0
B404	403	GEO_Eqn_6.12b_nls08	3960	-2.0	136.0	0.1	-6.0	0.0	100.0
B404	403	GEO_Eqn_6.12b_nls08	4320	-2.0	141.0	0.1	-6.0	0.0	50.0
B404	403	GEO_Eqn_6.12b_nls08	4320	-2.0	233.0	0.2	-3.0	0.0	46.0
B404	403	GEO_Eqn_6.12b_nls08	4680	-2.0	238.0	0.1	-3.0	0.0	-39.0
B404	403	GEO_Eqn_6.12b_nls08	5040	-2.0	243.0	0.1	-3.0	-0.1	-126.0
B404	403	GEO_Eqn_6.12b_nls08	5400	-2.0	248.0	0.1	-3.0	-0.1	-214.0
B404	403	GEO_Eqn_6.12b_nls08	5400	-0.5	-318.0	-0.1	1.0	0.0	-225.0
B404	403	GEO_Eqn_6.12b_nls08	5760	-0.5	-313.0	-0.1	1.0	0.0	-112.0
B404	403	GEO_Eqn_6.12b_nls08	6120	-0.5	-308.0	-0.1	1.0	0.0	0.2
B404	403	GEO_Eqn_6.12b_nls08	6480	-0.5	-303.0	-0.1	1.0	0.1	110.0
B404	403	GEO_Eqn_6.12b_nls08	6480	0.1	-206.0	0.0	1.0	0.0	110.0
B404	403	GEO_Eqn_6.12b_nls08	6840	0.1	-201.0	0.0	1.0	0.0	183.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls08	7200	0.1	-196.0	0.0	1.0	0.0	254.0
B404	403	GEO_Eqn_6.12b_nls08	7560	0.1	-191.0	0.0	1.0	0.0	324.0
B404	403	GEO_Eqn_6.12b_nls08	7560	0.4	-95.0	0.0	1.0	0.0	325.0
B404	403	GEO_Eqn_6.12b_nls08	7920	0.4	-90.0	0.0	1.0	0.0	358.0
B404	403	GEO_Eqn_6.12b_nls08	8280	0.4	-85.0	0.0	1.0	0.0	390.0
B404	403	GEO_Eqn_6.12b_nls08	8640	0.4	-80.0	0.0	1.0	0.0	419.0
B404	403	GEO_Eqn_6.12b_nls08	8640	0.3	10.0	0.0	6.0	0.0	418.0
B404	403	GEO_Eqn_6.12b_nls08	9000	0.3	15.0	0.0	6.0	0.0	413.0
B404	403	GEO_Eqn_6.12b_nls08	9360	0.3	20.0	0.0	6.0	0.0	407.0
B404	403	GEO_Eqn_6.12b_nls08	9720	0.3	25.0	-0.1	6.0	0.0	399.0
B404	403	GEO_Eqn_6.12b_nls08	9720	-0.3	90.0	0.0	22.0	0.0	396.0
B404	403	GEO_Eqn_6.12b_nls08	10080	-0.3	95.0	0.0	22.0	0.0	362.0
B404	403	GEO_Eqn_6.12b_nls08	10440	-0.3	100.0	0.0	22.0	0.0	327.0
B404	403	GEO_Eqn_6.12b_nls08	10800	-0.3	105.0	0.0	22.0	0.0	290.0
B404	403	GEO_Eqn_6.12b_nls08	10800	6.0	-94.0	-1.0	-19.0	-0.3	304.0
B404	403	GEO_Eqn_6.12b_nls08	11175	6.0	-89.0	-1.0	-19.0	-0.1	339.0
B404	403	GEO_Eqn_6.12b_nls08	11550	5.0	-84.0	-1.0	-19.0	0.1	371.0
B404	403	GEO_Eqn_6.12b_nls08	11550	5.0	-47.0	-0.2	-4.0	0.0	374.0
B404	403	GEO_Eqn_6.12b_nls08	11925	5.0	-42.0	-0.2	-4.0	0.0	391.0
B404	403	GEO_Eqn_6.12b_nls08	12300	5.0	-37.0	-0.2	-4.0	0.1	406.0
B404	403	GEO_Eqn_6.12b_nls08	12300	4.0	27.0	-0.2	3.0	-0.1	408.0
B404	403	GEO_Eqn_6.12b_nls08	12787.5	4.0	34.0	-0.2	3.0	0.0	393.0
B404	403	GEO_Eqn_6.12b_nls08	13275	4.0	41.0	-0.3	3.0	0.1	375.0
B404	403	GEO_Eqn_6.12b_nls08	13275	1.0	122.0	-0.3	1.0	-0.2	373.0
B404	403	GEO_Eqn_6.12b_nls08	13762.5	1.0	129.0	-0.3	1.0	0.0	311.0
B404	403	GEO_Eqn_6.12b_nls08	14250	1.0	136.0	-0.3	1.0	0.1	247.0
B404	403	GEO_Eqn_6.12b_nls08	14250	-3.0	214.0	-1.0	-6.0	-0.2	245.0
B404	403	GEO_Eqn_6.12b_nls08	14737.5	-3.0	221.0	-1.0	-6.0	0.4	139.0
B404	403	GEO_Eqn_6.12b_nls08	15225	-3.0	228.0	-1.0	-6.0	1.0	29.0
B404	403	GEO_Eqn_6.12b_nls08	15225	-10.0	260.0	2.0	-7.0	1.0	25.0
B404	403	GEO_Eqn_6.12b_nls08	15712.5	-10.0	267.0	2.0	-7.0	-0.3	-104.0
B404	403	GEO_Eqn_6.12b_nls08	16200	-10.0	274.0	2.0	-7.0	-1.0	-235.0
B404	403	GEO_Eqn_6.12b_nls09	0	-9.0	-153.0	2.0	-3.0	1.0	91.0
B404	403	GEO_Eqn_6.12b_nls09	360	-9.0	-148.0	2.0	-3.0	1.0	146.0
B404	403	GEO_Eqn_6.12b_nls09	720	-9.0	-143.0	2.0	-3.0	-0.3	198.0
B404	403	GEO_Eqn_6.12b_nls09	1080	-9.0	-138.0	2.0	-3.0	-1.0	249.0
B404	403	GEO_Eqn_6.12b_nls09	1080	3.0	-92.0	-1.0	-2.0	-1.0	251.0
B404	403	GEO_Eqn_6.12b_nls09	1440	3.0	-87.0	-1.0	-2.0	-1.0	283.0
B404	403	GEO_Eqn_6.12b_nls09	1800	3.0	-82.0	-1.0	-2.0	-0.1	314.0
B404	403	GEO_Eqn_6.12b_nls09	2160	3.0	-77.0	-1.0	-2.0	0.4	342.0
B404	403	GEO_Eqn_6.12b_nls09	2160	3.0	3.0	0.2	1.0	0.3	343.0
B404	403	GEO_Eqn_6.12b_nls09	2520	3.0	8.0	0.2	1.0	0.2	341.0
B404	403	GEO_Eqn_6.12b_nls09	2880	3.0	13.0	0.2	1.0	0.1	338.0
B404	403	GEO_Eqn_6.12b_nls09	3240	3.0	18.0	0.2	1.0	0.1	332.0
B404	403	GEO_Eqn_6.12b_nls09	3240	2.0	108.0	-0.1	7.0	-0.1	330.0
B404	403	GEO_Eqn_6.12b_nls09	3600	2.0	113.0	-0.1	7.0	0.0	290.0
B404	403	GEO_Eqn_6.12b_nls09	3960	2.0	118.0	-0.1	7.0	0.0	249.0
B404	403	GEO_Eqn_6.12b_nls09	4320	2.0	124.0	-0.1	7.0	0.0	205.0
B404	403	GEO_Eqn_6.12b_nls09	4320	2.0	217.0	-0.1	13.0	0.0	201.0
B404	403	GEO_Eqn_6.12b_nls09	4680	2.0	223.0	-0.1	13.0	0.0	122.0
B404	403	GEO_Eqn_6.12b_nls09	5040	2.0	228.0	-0.1	13.0	0.1	41.0
B404	403	GEO_Eqn_6.12b_nls09	5400	2.0	233.0	-0.1	13.0	0.1	-42.0
B404	403	GEO_Eqn_6.12b_nls09	5400	1.0	-119.0	0.1	9.0	0.1	-16.0
B404	403	GEO_Eqn_6.12b_nls09	5760	1.0	-114.0	0.1	9.0	0.0	26.0
B404	403	GEO_Eqn_6.12b_nls09	6120	1.0	-109.0	0.1	9.0	0.0	66.0
B404	403	GEO_Eqn_6.12b_nls09	6480	1.0	-104.0	0.1	9.0	-0.1	105.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls09	6480	0.4	-4.0	0.0	12.0	0.0	103.0
B404	403	GEO_Eqn_6.12b_nls09	6840	0.4	1.0	0.0	12.0	0.0	103.0
B404	403	GEO_Eqn_6.12b_nls09	7200	0.4	6.0	0.0	12.0	0.0	102.0
B404	403	GEO_Eqn_6.12b_nls09	7560	0.4	11.0	0.0	12.0	0.0	99.0
B404	403	GEO_Eqn_6.12b_nls09	7560	-0.2	110.0	0.0	15.0	0.0	98.0
B404	403	GEO_Eqn_6.12b_nls09	7920	-0.2	115.0	0.0	15.0	0.0	58.0
B404	403	GEO_Eqn_6.12b_nls09	8280	-0.2	120.0	0.0	15.0	0.0	16.0
B404	403	GEO_Eqn_6.12b_nls09	8640	-0.2	125.0	0.0	15.0	0.0	-28.0
B404	403	GEO_Eqn_6.12b_nls09	8640	-1.0	218.0	0.0	23.0	0.0	-31.0
B404	403	GEO_Eqn_6.12b_nls09	9000	-1.0	223.0	0.0	23.0	0.0	-111.0
B404	403	GEO_Eqn_6.12b_nls09	9360	-1.0	228.0	0.0	23.0	0.0	-192.0
B404	403	GEO_Eqn_6.12b_nls09	9720	-1.0	233.0	0.0	23.0	0.0	-275.0
B404	403	GEO_Eqn_6.12b_nls09	9720	-1.0	301.0	0.0	44.0	0.0	-280.0
B404	403	GEO_Eqn_6.12b_nls09	10080	-1.0	306.0	0.0	44.0	0.0	-390.0
B404	403	GEO_Eqn_6.12b_nls09	10440	-1.0	311.0	0.0	44.0	0.0	-501.0
B404	403	GEO_Eqn_6.12b_nls09	10800	-1.0	317.0	0.0	44.0	0.0	-614.0
B404	403	GEO_Eqn_6.12b_nls09	10800	0.0	-296.0	0.1	-42.0	0.1	-588.0
B404	403	GEO_Eqn_6.12b_nls09	11175	0.0	-291.0	0.1	-42.0	0.0	-478.0
B404	403	GEO_Eqn_6.12b_nls09	11550	-0.1	-286.0	0.1	-42.0	0.0	-370.0
B404	403	GEO_Eqn_6.12b_nls09	11550	-0.3	-247.0	0.0	-23.0	0.0	-364.0
B404	403	GEO_Eqn_6.12b_nls09	11925	-0.3	-242.0	0.0	-23.0	0.0	-272.0
B404	403	GEO_Eqn_6.12b_nls09	12300	-0.3	-237.0	0.0	-23.0	0.0	-182.0
B404	403	GEO_Eqn_6.12b_nls09	12300	-0.4	-173.0	0.1	-14.0	0.0	-178.0
B404	403	GEO_Eqn_6.12b_nls09	12787.5	-0.4	-166.0	0.1	-14.0	0.0	-95.0
B404	403	GEO_Eqn_6.12b_nls09	13275	-0.4	-159.0	0.1	-14.0	0.0	-16.0
B404	403	GEO_Eqn_6.12b_nls09	13275	-0.4	-76.0	0.1	-14.0	0.0	-17.0
B404	403	GEO_Eqn_6.12b_nls09	13762.5	-0.4	-69.0	0.1	-14.0	0.0	19.0
B404	403	GEO_Eqn_6.12b_nls09	14250	-0.4	-63.0	0.1	-14.0	0.0	51.0
B404	403	GEO_Eqn_6.12b_nls09	14250	0.0	17.0	0.4	-20.0	0.1	50.0
B404	403	GEO_Eqn_6.12b_nls09	14737.5	0.0	24.0	0.4	-20.0	-0.1	40.0
B404	403	GEO_Eqn_6.12b_nls09	15225	0.0	31.0	0.4	-20.0	-0.3	27.0
B404	403	GEO_Eqn_6.12b_nls09	15225	1.0	66.0	-1.0	-21.0	-0.3	24.0
B404	403	GEO_Eqn_6.12b_nls09	15712.5	1.0	73.0	-1.0	-21.0	0.1	-10.0
B404	403	GEO_Eqn_6.12b_nls09	16200	1.0	80.0	-1.0	-21.0	0.4	-48.0
B404	403	GEO_Eqn_6.12b_nls10	0	-4.0	-180.0	1.0	-2.0	1.0	50.0
B404	403	GEO_Eqn_6.12b_nls10	360	-4.0	-175.0	1.0	-2.0	0.3	114.0
B404	403	GEO_Eqn_6.12b_nls10	720	-4.0	-170.0	1.0	-2.0	-0.1	176.0
B404	403	GEO_Eqn_6.12b_nls10	1080	-4.0	-165.0	1.0	-2.0	-1.0	237.0
B404	403	GEO_Eqn_6.12b_nls10	1080	1.0	-120.0	-1.0	-1.0	-1.0	239.0
B404	403	GEO_Eqn_6.12b_nls10	1440	1.0	-115.0	-1.0	-1.0	-0.3	282.0
B404	403	GEO_Eqn_6.12b_nls10	1800	1.0	-110.0	-1.0	-1.0	-0.1	322.0
B404	403	GEO_Eqn_6.12b_nls10	2160	1.0	-105.0	-1.0	-1.0	0.2	361.0
B404	403	GEO_Eqn_6.12b_nls10	2160	1.0	-27.0	0.1	2.0	0.1	362.0
B404	403	GEO_Eqn_6.12b_nls10	2520	1.0	-21.0	0.1	2.0	0.1	371.0
B404	403	GEO_Eqn_6.12b_nls10	2880	1.0	-16.0	0.1	2.0	0.1	378.0
B404	403	GEO_Eqn_6.12b_nls10	3240	1.0	-11.0	0.1	2.0	0.0	383.0
B404	403	GEO_Eqn_6.12b_nls10	3240	1.0	78.0	0.0	7.0	0.0	381.0
B404	403	GEO_Eqn_6.12b_nls10	3600	1.0	83.0	0.0	7.0	0.0	352.0
B404	403	GEO_Eqn_6.12b_nls10	3960	1.0	88.0	0.0	7.0	0.0	321.0
B404	403	GEO_Eqn_6.12b_nls10	4320	1.0	93.0	0.0	7.0	0.0	288.0
B404	403	GEO_Eqn_6.12b_nls10	4320	0.2	186.0	0.0	12.0	0.0	285.0
B404	403	GEO_Eqn_6.12b_nls10	4680	0.2	191.0	0.0	12.0	0.0	217.0
B404	403	GEO_Eqn_6.12b_nls10	5040	0.2	196.0	0.0	12.0	0.0	147.0
B404	403	GEO_Eqn_6.12b_nls10	5400	0.2	202.0	0.0	12.0	0.0	75.0
B404	403	GEO_Eqn_6.12b_nls10	5400	1.0	-139.0	0.1	16.0	0.0	102.0
B404	403	GEO_Eqn_6.12b_nls10	5760	1.0	-134.0	0.1	16.0	0.0	151.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls10	6120	1.0	-129.0	0.1	16.0	0.0	198.0
B404	403	GEO_Eqn_6.12b_nls10	6480	1.0	-124.0	0.1	16.0	-0.1	244.0
B404	403	GEO_Eqn_6.12b_nls10	6480	0.4	-25.0	0.0	17.0	0.0	242.0
B404	403	GEO_Eqn_6.12b_nls10	6840	0.4	-20.0	0.0	17.0	0.0	250.0
B404	403	GEO_Eqn_6.12b_nls10	7200	0.4	-15.0	0.0	17.0	0.0	257.0
B404	403	GEO_Eqn_6.12b_nls10	7560	0.4	-10.0	0.0	17.0	0.0	261.0
B404	403	GEO_Eqn_6.12b_nls10	7560	0.0	87.0	0.0	17.0	0.0	261.0
B404	403	GEO_Eqn_6.12b_nls10	7920	0.0	92.0	0.0	17.0	0.0	229.0
B404	403	GEO_Eqn_6.12b_nls10	8280	0.0	97.0	0.0	17.0	0.0	194.0
B404	403	GEO_Eqn_6.12b_nls10	8640	0.0	102.0	0.0	17.0	0.0	158.0
B404	403	GEO_Eqn_6.12b_nls10	8640	-0.5	194.0	0.0	23.0	0.0	156.0
B404	403	GEO_Eqn_6.12b_nls10	9000	-0.5	199.0	0.0	23.0	0.0	85.0
B404	403	GEO_Eqn_6.12b_nls10	9360	-0.5	204.0	0.0	23.0	0.0	12.0
B404	403	GEO_Eqn_6.12b_nls10	9720	-0.5	209.0	0.0	23.0	0.0	-62.0
B404	403	GEO_Eqn_6.12b_nls10	9720	-1.0	277.0	0.0	42.0	0.0	-67.0
B404	403	GEO_Eqn_6.12b_nls10	10080	-1.0	282.0	0.0	42.0	0.0	-168.0
B404	403	GEO_Eqn_6.12b_nls10	10440	-1.0	287.0	0.0	42.0	0.0	-270.0
B404	403	GEO_Eqn_6.12b_nls10	10800	-1.0	292.0	0.0	42.0	0.0	-375.0
B404	403	GEO_Eqn_6.12b_nls10	10800	3.0	-218.0	-0.2	-43.0	-0.1	-337.0
B404	403	GEO_Eqn_6.12b_nls10	11175	3.0	-213.0	-0.2	-43.0	0.0	-257.0
B404	403	GEO_Eqn_6.12b_nls10	11550	3.0	-207.0	-0.2	-43.0	0.0	-178.0
B404	403	GEO_Eqn_6.12b_nls10	11550	2.0	-169.0	0.0	-26.0	0.0	-173.0
B404	403	GEO_Eqn_6.12b_nls10	11925	2.0	-164.0	-0.1	-26.0	0.0	-111.0
B404	403	GEO_Eqn_6.12b_nls10	12300	2.0	-159.0	-0.1	-26.0	0.0	-50.0
B404	403	GEO_Eqn_6.12b_nls10	12300	2.0	-95.0	-0.1	-18.0	0.0	-46.0
B404	403	GEO_Eqn_6.12b_nls10	12787.5	2.0	-88.0	-0.1	-18.0	0.0	-2.0
B404	403	GEO_Eqn_6.12b_nls10	13275	2.0	-81.0	-0.1	-18.0	0.0	39.0
B404	403	GEO_Eqn_6.12b_nls10	13275	0.4	2.0	-0.1	-19.0	-0.1	38.0
B404	403	GEO_Eqn_6.12b_nls10	13762.5	0.4	9.0	-0.1	-19.0	0.0	35.0
B404	403	GEO_Eqn_6.12b_nls10	14250	0.4	15.0	-0.1	-19.0	0.0	29.0
B404	403	GEO_Eqn_6.12b_nls10	14250	-1.0	95.0	-0.4	-25.0	-0.1	28.0
B404	403	GEO_Eqn_6.12b_nls10	14737.5	-1.0	102.0	-0.4	-25.0	0.1	-20.0
B404	403	GEO_Eqn_6.12b_nls10	15225	-1.0	109.0	-0.4	-25.0	0.3	-71.0
B404	403	GEO_Eqn_6.12b_nls10	15225	-4.0	143.0	1.0	-26.0	0.2	-75.0
B404	403	GEO_Eqn_6.12b_nls10	15712.5	-4.0	150.0	1.0	-26.0	-0.1	-147.0
B404	403	GEO_Eqn_6.12b_nls10	16200	-4.0	157.0	1.0	-26.0	-0.4	-222.0
B404	403	GEO_Eqn_6.12b_nls11	0	1.0	-24.0	-1.0	-19.0	-1.0	150.0
B404	403	GEO_Eqn_6.12b_nls11	360	1.0	-19.0	-1.0	-19.0	-0.2	157.0
B404	403	GEO_Eqn_6.12b_nls11	720	1.0	-14.0	-1.0	-19.0	0.2	163.0
B404	403	GEO_Eqn_6.12b_nls11	1080	1.0	-9.0	-1.0	-19.0	1.0	167.0
B404	403	GEO_Eqn_6.12b_nls11	1080	-2.0	40.0	1.0	-19.0	0.4	169.0
B404	403	GEO_Eqn_6.12b_nls11	1440	-2.0	45.0	0.5	-19.0	0.2	154.0
B404	403	GEO_Eqn_6.12b_nls11	1800	-2.0	50.0	0.5	-19.0	0.0	137.0
B404	403	GEO_Eqn_6.12b_nls11	2160	-2.0	55.0	0.5	-19.0	-0.1	118.0
B404	403	GEO_Eqn_6.12b_nls11	2160	-1.0	134.0	-0.2	-16.0	-0.2	118.0
B404	403	GEO_Eqn_6.12b_nls11	2520	-1.0	139.0	-0.2	-16.0	-0.1	68.0
B404	403	GEO_Eqn_6.12b_nls11	2880	-1.0	144.0	-0.2	-16.0	0.0	17.0
B404	403	GEO_Eqn_6.12b_nls11	3240	-1.0	149.0	-0.2	-16.0	0.0	-35.0
B404	403	GEO_Eqn_6.12b_nls11	3240	0.3	240.0	0.0	-12.0	0.0	-38.0
B404	403	GEO_Eqn_6.12b_nls11	3600	0.3	245.0	0.0	-12.0	0.0	-126.0
B404	403	GEO_Eqn_6.12b_nls11	3960	0.3	250.0	0.0	-12.0	0.0	-215.0
B404	403	GEO_Eqn_6.12b_nls11	4320	0.3	255.0	0.0	-12.0	0.0	-306.0
B404	403	GEO_Eqn_6.12b_nls11	4320	1.0	349.0	-0.1	-5.0	0.0	-311.0
B404	403	GEO_Eqn_6.12b_nls11	4680	1.0	354.0	-0.1	-5.0	0.0	-437.0
B404	403	GEO_Eqn_6.12b_nls11	5040	1.0	360.0	-0.1	-5.0	0.0	-566.0
B404	403	GEO_Eqn_6.12b_nls11	5400	1.0	365.0	-0.1	-5.0	0.0	-696.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls11	5400	-1.0	-341.0	-0.1	-22.0	0.0	-725.0
B404	403	GEO_Eqn_6.12b_nls11	5760	-1.0	-336.0	-0.1	-22.0	0.0	-603.0
B404	403	GEO_Eqn_6.12b_nls11	6120	-1.0	-331.0	-0.1	-22.0	0.0	-483.0
B404	403	GEO_Eqn_6.12b_nls11	6480	-1.0	-326.0	-0.1	-22.0	0.0	-365.0
B404	403	GEO_Eqn_6.12b_nls11	6480	-0.3	-226.0	0.0	-17.0	0.0	-365.0
B404	403	GEO_Eqn_6.12b_nls11	6840	-0.3	-221.0	0.0	-17.0	0.0	-285.0
B404	403	GEO_Eqn_6.12b_nls11	7200	-0.3	-216.0	0.0	-17.0	0.0	-206.0
B404	403	GEO_Eqn_6.12b_nls11	7560	-0.4	-211.0	-0.1	-17.0	0.0	-129.0
B404	403	GEO_Eqn_6.12b_nls11	7560	0.1	-112.0	0.0	-12.0	0.0	-128.0
B404	403	GEO_Eqn_6.12b_nls11	7920	0.1	-107.0	0.0	-12.0	0.0	-89.0
B404	403	GEO_Eqn_6.12b_nls11	8280	0.1	-102.0	0.0	-12.0	0.0	-51.0
B404	403	GEO_Eqn_6.12b_nls11	8640	0.1	-97.0	0.0	-12.0	0.0	-15.0
B404	403	GEO_Eqn_6.12b_nls11	8640	0.5	-5.0	0.0	-2.0	0.0	-16.0
B404	403	GEO_Eqn_6.12b_nls11	9000	0.5	0.1	0.0	-2.0	0.0	-15.0
B404	403	GEO_Eqn_6.12b_nls11	9360	0.5	5.0	0.0	-2.0	0.0	-16.0
B404	403	GEO_Eqn_6.12b_nls11	9720	0.5	10.0	0.0	-2.0	0.0	-19.0
B404	403	GEO_Eqn_6.12b_nls11	9720	1.0	77.0	0.0	19.0	0.0	-22.0
B404	403	GEO_Eqn_6.12b_nls11	10080	1.0	82.0	0.0	19.0	0.0	-51.0
B404	403	GEO_Eqn_6.12b_nls11	10440	1.0	87.0	0.0	19.0	0.0	-81.0
B404	403	GEO_Eqn_6.12b_nls11	10800	1.0	92.0	0.0	19.0	0.0	-114.0
B404	403	GEO_Eqn_6.12b_nls11	10800	-2.0	-270.0	0.2	-7.0	0.1	-143.0
B404	403	GEO_Eqn_6.12b_nls11	11175	-2.0	-265.0	0.2	-7.0	0.0	-43.0
B404	403	GEO_Eqn_6.12b_nls11	11550	-2.0	-259.0	0.2	-7.0	0.0	56.0
B404	403	GEO_Eqn_6.12b_nls11	11550	-1.0	-223.0	0.0	11.0	0.0	61.0
B404	403	GEO_Eqn_6.12b_nls11	11925	-1.0	-218.0	0.0	11.0	0.0	143.0
B404	403	GEO_Eqn_6.12b_nls11	12300	-1.0	-212.0	0.0	11.0	0.0	224.0
B404	403	GEO_Eqn_6.12b_nls11	12300	-1.0	-150.0	0.1	22.0	0.0	228.0
B404	403	GEO_Eqn_6.12b_nls11	12787.5	-1.0	-143.0	0.1	22.0	0.0	300.0
B404	403	GEO_Eqn_6.12b_nls11	13275	-1.0	-136.0	0.1	22.0	0.0	367.0
B404	403	GEO_Eqn_6.12b_nls11	13275	-0.4	-54.0	0.1	23.0	0.1	366.0
B404	403	GEO_Eqn_6.12b_nls11	13762.5	-0.4	-47.0	0.1	23.0	0.0	391.0
B404	403	GEO_Eqn_6.12b_nls11	14250	-0.4	-40.0	0.1	23.0	0.0	412.0
B404	403	GEO_Eqn_6.12b_nls11	14250	1.0	38.0	0.5	18.0	0.1	411.0
B404	403	GEO_Eqn_6.12b_nls11	14737.5	1.0	45.0	0.5	18.0	-0.1	391.0
B404	403	GEO_Eqn_6.12b_nls11	15225	1.0	52.0	0.5	18.0	-0.4	368.0
B404	403	GEO_Eqn_6.12b_nls11	15225	3.0	85.0	-1.0	17.0	-0.4	365.0
B404	403	GEO_Eqn_6.12b_nls11	15712.5	3.0	92.0	-1.0	17.0	0.1	322.0
B404	403	GEO_Eqn_6.12b_nls11	16200	3.0	99.0	-1.0	17.0	1.0	275.0
B404	403	GEO_Eqn_6.12b_nls12	0	7.0	-50.0	-2.0	-18.0	-1.0	105.0
B404	403	GEO_Eqn_6.12b_nls12	360	7.0	-45.0	-2.0	-18.0	-1.0	122.0
B404	403	GEO_Eqn_6.12b_nls12	720	7.0	-40.0	-2.0	-18.0	0.3	137.0
B404	403	GEO_Eqn_6.12b_nls12	1080	7.0	-35.0	-2.0	-18.0	1.0	150.0
B404	403	GEO_Eqn_6.12b_nls12	1080	-3.0	12.0	1.0	-18.0	1.0	152.0
B404	403	GEO_Eqn_6.12b_nls12	1440	-3.0	17.0	1.0	-18.0	1.0	147.0
B404	403	GEO_Eqn_6.12b_nls12	1800	-3.0	22.0	1.0	-18.0	0.1	140.0
B404	403	GEO_Eqn_6.12b_nls12	2160	-3.0	27.0	1.0	-18.0	-0.4	131.0
B404	403	GEO_Eqn_6.12b_nls12	2160	-2.0	106.0	-0.2	-16.0	-0.3	131.0
B404	403	GEO_Eqn_6.12b_nls12	2520	-2.0	111.0	-0.2	-16.0	-0.2	92.0
B404	403	GEO_Eqn_6.12b_nls12	2880	-2.0	116.0	-0.2	-16.0	-0.1	51.0
B404	403	GEO_Eqn_6.12b_nls12	3240	-2.0	121.0	-0.2	-16.0	0.0	8.0
B404	403	GEO_Eqn_6.12b_nls12	3240	-1.0	211.0	0.0	-12.0	0.0	6.0
B404	403	GEO_Eqn_6.12b_nls12	3600	-1.0	216.0	0.0	-12.0	0.0	-71.0
B404	403	GEO_Eqn_6.12b_nls12	3960	-1.0	221.0	0.0	-12.0	0.0	-150.0
B404	403	GEO_Eqn_6.12b_nls12	4320	-1.0	226.0	0.0	-12.0	0.0	-230.0
B404	403	GEO_Eqn_6.12b_nls12	4320	-0.1	319.0	0.1	-7.0	0.0	-235.0
B404	403	GEO_Eqn_6.12b_nls12	4680	-0.1	324.0	0.1	-7.0	0.0	-351.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls12	5040	-0.1	329.0	0.0	-7.0	-0.1	-468.0
B404	403	GEO_Eqn_6.12b_nls12	5400	-0.1	334.0	0.0	-7.0	-0.1	-588.0
B404	403	GEO_Eqn_6.12b_nls12	5400	-1.0	-365.0	-0.1	-16.0	0.0	-617.0
B404	403	GEO_Eqn_6.12b_nls12	5760	-1.0	-359.0	-0.1	-16.0	0.0	-487.0
B404	403	GEO_Eqn_6.12b_nls12	6120	-1.0	-354.0	-0.1	-16.0	0.0	-359.0
B404	403	GEO_Eqn_6.12b_nls12	6480	-1.0	-349.0	-0.1	-16.0	0.1	-232.0
B404	403	GEO_Eqn_6.12b_nls12	6480	-0.3	-250.0	0.0	-13.0	0.0	-232.0
B404	403	GEO_Eqn_6.12b_nls12	6840	-0.3	-245.0	0.0	-13.0	0.0	-143.0
B404	403	GEO_Eqn_6.12b_nls12	7200	-0.3	-240.0	0.0	-13.0	0.0	-55.0
B404	403	GEO_Eqn_6.12b_nls12	7560	-0.3	-235.0	0.0	-13.0	0.0	30.0
B404	403	GEO_Eqn_6.12b_nls12	7560	0.3	-138.0	0.0	-11.0	0.0	32.0
B404	403	GEO_Eqn_6.12b_nls12	7920	0.3	-133.0	0.0	-11.0	0.0	81.0
B404	403	GEO_Eqn_6.12b_nls12	8280	0.3	-128.0	0.0	-11.0	0.0	128.0
B404	403	GEO_Eqn_6.12b_nls12	8640	0.3	-123.0	0.0	-11.0	0.0	173.0
B404	403	GEO_Eqn_6.12b_nls12	8640	1.0	-32.0	0.0	-3.0	0.0	172.0
B404	403	GEO_Eqn_6.12b_nls12	9000	1.0	-27.0	0.0	-3.0	0.0	182.0
B404	403	GEO_Eqn_6.12b_nls12	9360	1.0	-22.0	0.0	-3.0	0.0	191.0
B404	403	GEO_Eqn_6.12b_nls12	9720	1.0	-17.0	0.0	-3.0	0.0	198.0
B404	403	GEO_Eqn_6.12b_nls12	9720	1.0	49.0	0.0	17.0	0.0	195.0
B404	403	GEO_Eqn_6.12b_nls12	10080	1.0	54.0	0.0	17.0	0.0	176.0
B404	403	GEO_Eqn_6.12b_nls12	10440	1.0	59.0	0.0	17.0	0.0	156.0
B404	403	GEO_Eqn_6.12b_nls12	10800	1.0	64.0	0.0	17.0	0.0	134.0
B404	403	GEO_Eqn_6.12b_nls12	10800	2.0	-190.0	-0.2	-7.0	-0.1	115.0
B404	403	GEO_Eqn_6.12b_nls12	11175	2.0	-185.0	-0.2	-7.0	0.0	185.0
B404	403	GEO_Eqn_6.12b_nls12	11550	2.0	-180.0	-0.2	-7.0	0.0	254.0
B404	403	GEO_Eqn_6.12b_nls12	11550	2.0	-144.0	-0.1	10.0	0.0	258.0
B404	403	GEO_Eqn_6.12b_nls12	11925	2.0	-138.0	-0.1	10.0	0.0	311.0
B404	403	GEO_Eqn_6.12b_nls12	12300	2.0	-133.0	-0.1	10.0	0.0	362.0
B404	403	GEO_Eqn_6.12b_nls12	12300	1.0	-70.0	-0.1	19.0	0.0	365.0
B404	403	GEO_Eqn_6.12b_nls12	12787.5	1.0	-63.0	-0.1	19.0	0.0	398.0
B404	403	GEO_Eqn_6.12b_nls12	13275	1.0	-56.0	-0.1	19.0	0.1	427.0
B404	403	GEO_Eqn_6.12b_nls12	13275	1.0	25.0	-0.1	19.0	-0.1	425.0
B404	403	GEO_Eqn_6.12b_nls12	13762.5	1.0	32.0	-0.1	19.0	0.0	411.0
B404	403	GEO_Eqn_6.12b_nls12	14250	1.0	39.0	-0.1	19.0	0.0	394.0
B404	403	GEO_Eqn_6.12b_nls12	14250	-1.0	117.0	-0.4	13.0	-0.1	392.0
B404	403	GEO_Eqn_6.12b_nls12	14737.5	-1.0	124.0	-0.4	13.0	0.1	334.0
B404	403	GEO_Eqn_6.12b_nls12	15225	-1.0	130.0	-0.4	13.0	0.3	272.0
B404	403	GEO_Eqn_6.12b_nls12	15225	-3.0	163.0	1.0	12.0	0.3	268.0
B404	403	GEO_Eqn_6.12b_nls12	15712.5	-3.0	170.0	1.0	12.0	-0.1	187.0
B404	403	GEO_Eqn_6.12b_nls12	16200	-3.0	177.0	1.0	12.0	-0.4	103.0
B404	403	GEO_Eqn_6.12b_nls13	0	-6.0	-138.0	2.0	-5.0	1.0	95.0
B404	403	GEO_Eqn_6.12b_nls13	360	-6.0	-133.0	2.0	-5.0	0.4	143.0
B404	403	GEO_Eqn_6.12b_nls13	720	-6.0	-128.0	2.0	-5.0	-0.2	190.0
B404	403	GEO_Eqn_6.12b_nls13	1080	-6.0	-123.0	2.0	-5.0	-1.0	236.0
B404	403	GEO_Eqn_6.12b_nls13	1080	2.0	-77.0	-1.0	-4.0	-1.0	238.0
B404	403	GEO_Eqn_6.12b_nls13	1440	2.0	-72.0	-1.0	-4.0	-0.4	265.0
B404	403	GEO_Eqn_6.12b_nls13	1800	2.0	-67.0	-1.0	-4.0	-0.1	290.0
B404	403	GEO_Eqn_6.12b_nls13	2160	2.0	-62.0	-1.0	-4.0	0.2	313.0
B404	403	GEO_Eqn_6.12b_nls13	2160	2.0	18.0	0.1	-1.0	0.1	314.0
B404	403	GEO_Eqn_6.12b_nls13	2520	2.0	23.0	0.1	-1.0	0.1	306.0
B404	403	GEO_Eqn_6.12b_nls13	2880	2.0	28.0	0.1	-1.0	0.1	297.0
B404	403	GEO_Eqn_6.12b_nls13	3240	2.0	33.0	0.1	-1.0	0.1	287.0
B404	403	GEO_Eqn_6.12b_nls13	3240	2.0	123.0	0.0	4.0	0.0	285.0
B404	403	GEO_Eqn_6.12b_nls13	3600	2.0	128.0	0.0	4.0	0.0	239.0
B404	403	GEO_Eqn_6.12b_nls13	3960	2.0	133.0	0.0	4.0	0.0	192.0
B404	403	GEO_Eqn_6.12b_nls13	4320	2.0	138.0	0.0	4.0	0.0	144.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls13	4320	1.0	232.0	-0.1	11.0	0.0	140.0
B404	403	GEO_Eqn_6.12b_nls13	4680	1.0	237.0	-0.1	11.0	0.0	55.0
B404	403	GEO_Eqn_6.12b_nls13	5040	1.0	242.0	-0.1	11.0	0.1	-31.0
B404	403	GEO_Eqn_6.12b_nls13	5400	1.0	247.0	-0.1	11.0	0.1	-119.0
B404	403	GEO_Eqn_6.12b_nls13	5400	1.0	-127.0	0.1	4.0	0.0	-100.0
B404	403	GEO_Eqn_6.12b_nls13	5760	1.0	-122.0	0.1	4.0	0.0	-55.0
B404	403	GEO_Eqn_6.12b_nls13	6120	1.0	-117.0	0.1	4.0	0.0	-12.0
B404	403	GEO_Eqn_6.12b_nls13	6480	1.0	-112.0	0.1	4.0	-0.1	29.0
B404	403	GEO_Eqn_6.12b_nls13	6480	0.2	-12.0	0.0	8.0	0.0	27.0
B404	403	GEO_Eqn_6.12b_nls13	6840	0.2	-7.0	0.0	8.0	0.0	31.0
B404	403	GEO_Eqn_6.12b_nls13	7200	0.2	-2.0	0.0	8.0	0.0	33.0
B404	403	GEO_Eqn_6.12b_nls13	7560	0.2	3.0	0.0	8.0	0.0	33.0
B404	403	GEO_Eqn_6.12b_nls13	7560	-0.1	101.0	0.0	10.0	0.0	32.0
B404	403	GEO_Eqn_6.12b_nls13	7920	-0.1	106.0	0.0	10.0	0.0	-5.0
B404	403	GEO_Eqn_6.12b_nls13	8280	-0.1	111.0	0.0	10.0	0.0	-45.0
B404	403	GEO_Eqn_6.12b_nls13	8640	-0.1	116.0	0.0	10.0	0.0	-85.0
B404	403	GEO_Eqn_6.12b_nls13	8640	-0.3	209.0	0.0	19.0	0.0	-89.0
B404	403	GEO_Eqn_6.12b_nls13	9000	-0.3	214.0	0.0	19.0	0.0	-165.0
B404	403	GEO_Eqn_6.12b_nls13	9360	-0.4	219.0	0.0	19.0	0.0	-242.0
B404	403	GEO_Eqn_6.12b_nls13	9720	-0.4	224.0	0.0	19.0	0.0	-322.0
B404	403	GEO_Eqn_6.12b_nls13	9720	-0.4	292.0	0.0	40.0	0.0	-327.0
B404	403	GEO_Eqn_6.12b_nls13	10080	-0.4	297.0	0.0	40.0	0.0	-433.0
B404	403	GEO_Eqn_6.12b_nls13	10440	-0.4	302.0	0.0	40.0	0.0	-541.0
B404	403	GEO_Eqn_6.12b_nls13	10800	-0.4	307.0	0.0	40.0	0.0	-651.0
B404	403	GEO_Eqn_6.12b_nls13	10800	-1.0	-312.0	0.3	-32.0	0.1	-632.0
B404	403	GEO_Eqn_6.12b_nls13	11175	-1.0	-307.0	0.3	-32.0	0.0	-516.0
B404	403	GEO_Eqn_6.12b_nls13	11550	-1.0	-302.0	0.2	-32.0	0.0	-402.0
B404	403	GEO_Eqn_6.12b_nls13	11550	-1.0	-264.0	0.1	-13.0	0.0	-396.0
B404	403	GEO_Eqn_6.12b_nls13	11925	-1.0	-258.0	0.1	-13.0	0.0	-298.0
B404	403	GEO_Eqn_6.12b_nls13	12300	-1.0	-253.0	0.1	-13.0	0.0	-202.0
B404	403	GEO_Eqn_6.12b_nls13	12300	-1.0	-190.0	0.1	-4.0	0.0	-197.0
B404	403	GEO_Eqn_6.12b_nls13	12787.5	-1.0	-183.0	0.1	-4.0	0.0	-106.0
B404	403	GEO_Eqn_6.12b_nls13	13275	-1.0	-176.0	0.1	-4.0	0.0	-19.0
B404	403	GEO_Eqn_6.12b_nls13	13275	-1.0	-94.0	0.1	-4.0	0.1	-20.0
B404	403	GEO_Eqn_6.12b_nls13	13762.5	-1.0	-87.0	0.1	-4.0	0.0	24.0
B404	403	GEO_Eqn_6.12b_nls13	14250	-1.0	-80.0	0.1	-4.0	0.0	65.0
B404	403	GEO_Eqn_6.12b_nls13	14250	1.0	-0.5	1.0	-10.0	0.1	65.0
B404	403	GEO_Eqn_6.12b_nls13	14737.5	1.0	6.0	1.0	-10.0	-0.2	63.0
B404	403	GEO_Eqn_6.12b_nls13	15225	1.0	13.0	1.0	-10.0	-0.5	58.0
B404	403	GEO_Eqn_6.12b_nls13	15225	3.0	48.0	-1.0	-11.0	-0.5	55.0
B404	403	GEO_Eqn_6.12b_nls13	15712.5	3.0	55.0	-1.0	-11.0	0.1	30.0
B404	403	GEO_Eqn_6.12b_nls13	16200	3.0	62.0	-1.0	-11.0	1.0	2.0
B404	403	GEO_Eqn_6.12b_nls14	0	-1.0	-165.0	0.3	-4.0	0.2	53.0
B404	403	GEO_Eqn_6.12b_nls14	360	-1.0	-160.0	0.3	-4.0	0.1	112.0
B404	403	GEO_Eqn_6.12b_nls14	720	-1.0	-155.0	0.3	-4.0	0.0	169.0
B404	403	GEO_Eqn_6.12b_nls14	1080	-1.0	-150.0	0.3	-4.0	-0.2	224.0
B404	403	GEO_Eqn_6.12b_nls14	1080	0.5	-106.0	-0.1	-3.0	-0.1	226.0
B404	403	GEO_Eqn_6.12b_nls14	1440	0.5	-101.0	-0.2	-3.0	-0.1	263.0
B404	403	GEO_Eqn_6.12b_nls14	1800	0.5	-96.0	-0.2	-3.0	0.0	298.0
B404	403	GEO_Eqn_6.12b_nls14	2160	0.5	-91.0	-0.2	-3.0	0.0	332.0
B404	403	GEO_Eqn_6.12b_nls14	2160	0.3	-12.0	0.0	-0.2	0.0	333.0
B404	403	GEO_Eqn_6.12b_nls14	2520	0.3	-7.0	0.0	-0.2	0.0	336.0
B404	403	GEO_Eqn_6.12b_nls14	2880	0.3	-2.0	0.0	-0.2	0.0	338.0
B404	403	GEO_Eqn_6.12b_nls14	3240	0.3	3.0	0.0	-0.2	0.0	338.0
B404	403	GEO_Eqn_6.12b_nls14	3240	0.1	93.0	0.0	4.0	0.0	336.0
B404	403	GEO_Eqn_6.12b_nls14	3600	0.1	98.0	0.0	4.0	0.0	302.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls14	3960	0.1	103.0	0.0	4.0	0.0	266.0
B404	403	GEO_Eqn_6.12b_nls14	4320	0.1	108.0	0.0	4.0	0.0	228.0
B404	403	GEO_Eqn_6.12b_nls14	4320	-0.2	201.0	0.0	10.0	0.0	224.0
B404	403	GEO_Eqn_6.12b_nls14	4680	-0.2	206.0	0.0	10.0	0.0	151.0
B404	403	GEO_Eqn_6.12b_nls14	5040	-0.2	211.0	0.0	10.0	0.0	76.0
B404	403	GEO_Eqn_6.12b_nls14	5400	-0.2	216.0	0.0	10.0	0.0	-1.0
B404	403	GEO_Eqn_6.12b_nls14	5400	1.0	-145.0	0.0	10.0	0.0	19.0
B404	403	GEO_Eqn_6.12b_nls14	5760	1.0	-140.0	0.0	10.0	0.0	70.0
B404	403	GEO_Eqn_6.12b_nls14	6120	1.0	-135.0	0.0	10.0	0.0	120.0
B404	403	GEO_Eqn_6.12b_nls14	6480	1.0	-130.0	0.0	10.0	0.0	168.0
B404	403	GEO_Eqn_6.12b_nls14	6480	0.3	-32.0	0.0	12.0	0.0	166.0
B404	403	GEO_Eqn_6.12b_nls14	6840	0.3	-27.0	0.0	12.0	0.0	176.0
B404	403	GEO_Eqn_6.12b_nls14	7200	0.3	-21.0	0.0	12.0	0.0	185.0
B404	403	GEO_Eqn_6.12b_nls14	7560	0.3	-16.0	0.0	12.0	0.0	192.0
B404	403	GEO_Eqn_6.12b_nls14	7560	0.0	81.0	0.0	13.0	0.0	191.0
B404	403	GEO_Eqn_6.12b_nls14	7920	0.0	86.0	0.0	13.0	0.0	161.0
B404	403	GEO_Eqn_6.12b_nls14	8280	0.0	91.0	0.0	13.0	0.0	130.0
B404	403	GEO_Eqn_6.12b_nls14	8640	0.0	96.0	0.0	13.0	0.0	96.0
B404	403	GEO_Eqn_6.12b_nls14	8640	-0.3	187.0	0.0	19.0	0.0	93.0
B404	403	GEO_Eqn_6.12b_nls14	9000	-0.3	192.0	0.0	19.0	0.0	25.0
B404	403	GEO_Eqn_6.12b_nls14	9360	-0.3	198.0	0.0	19.0	0.0	-45.0
B404	403	GEO_Eqn_6.12b_nls14	9720	-0.3	203.0	0.0	19.0	0.0	-117.0
B404	403	GEO_Eqn_6.12b_nls14	9720	-1.0	269.0	0.0	38.0	0.0	-122.0
B404	403	GEO_Eqn_6.12b_nls14	10080	-1.0	274.0	0.0	38.0	0.0	-220.0
B404	403	GEO_Eqn_6.12b_nls14	10440	-1.0	280.0	0.0	38.0	0.0	-320.0
B404	403	GEO_Eqn_6.12b_nls14	10800	-1.0	285.0	0.0	38.0	0.0	-422.0
B404	403	GEO_Eqn_6.12b_nls14	10800	2.0	-237.0	-0.1	-33.0	0.0	-392.0
B404	403	GEO_Eqn_6.12b_nls14	11175	2.0	-232.0	-0.1	-33.0	0.0	-304.0
B404	403	GEO_Eqn_6.12b_nls14	11550	2.0	-227.0	-0.1	-33.0	0.0	-218.0
B404	403	GEO_Eqn_6.12b_nls14	11550	1.0	-189.0	0.0	-16.0	0.0	-213.0
B404	403	GEO_Eqn_6.12b_nls14	11925	1.0	-184.0	0.0	-16.0	0.0	-143.0
B404	403	GEO_Eqn_6.12b_nls14	12300	1.0	-178.0	0.0	-16.0	0.0	-76.0
B404	403	GEO_Eqn_6.12b_nls14	12300	1.0	-115.0	0.0	-8.0	0.0	-71.0
B404	403	GEO_Eqn_6.12b_nls14	12787.5	1.0	-108.0	0.0	-8.0	0.0	-17.0
B404	403	GEO_Eqn_6.12b_nls14	13275	1.0	-101.0	0.0	-8.0	0.0	34.0
B404	403	GEO_Eqn_6.12b_nls14	13275	0.1	-19.0	0.0	-9.0	0.0	32.0
B404	403	GEO_Eqn_6.12b_nls14	13762.5	0.1	-12.0	0.0	-9.0	0.0	40.0
B404	403	GEO_Eqn_6.12b_nls14	14250	0.1	-5.0	0.0	-9.0	0.0	44.0
B404	403	GEO_Eqn_6.12b_nls14	14250	-1.0	74.0	-0.1	-15.0	0.0	43.0
B404	403	GEO_Eqn_6.12b_nls14	14737.5	-1.0	81.0	-0.1	-15.0	0.0	5.0
B404	403	GEO_Eqn_6.12b_nls14	15225	-1.0	88.0	-0.1	-15.0	0.1	-36.0
B404	403	GEO_Eqn_6.12b_nls14	15225	-2.0	122.0	0.1	-17.0	0.0	-40.0
B404	403	GEO_Eqn_6.12b_nls14	15712.5	-2.0	129.0	0.1	-17.0	0.0	-101.0
B404	403	GEO_Eqn_6.12b_nls14	16200	-2.0	136.0	0.1	-17.0	-0.1	-166.0
B404	403	GEO_Eqn_6.12b_nls15	0	-2.0	-39.0	0.0	-18.0	0.0	139.0
B404	403	GEO_Eqn_6.12b_nls15	360	-2.0	-34.0	0.0	-18.0	0.0	152.0
B404	403	GEO_Eqn_6.12b_nls15	720	-2.0	-29.0	0.0	-18.0	0.0	163.0
B404	403	GEO_Eqn_6.12b_nls15	1080	-2.0	-24.0	0.0	-18.0	0.1	173.0
B404	403	GEO_Eqn_6.12b_nls15	1080	-1.0	24.0	0.0	-18.0	-0.1	175.0
B404	403	GEO_Eqn_6.12b_nls15	1440	-1.0	29.0	0.0	-18.0	0.0	165.0
B404	403	GEO_Eqn_6.12b_nls15	1800	-1.0	34.0	0.0	-18.0	0.0	154.0
B404	403	GEO_Eqn_6.12b_nls15	2160	-1.0	39.0	0.0	-18.0	0.0	141.0
B404	403	GEO_Eqn_6.12b_nls15	2160	0.3	119.0	-0.1	-15.0	-0.1	141.0
B404	403	GEO_Eqn_6.12b_nls15	2520	0.3	124.0	-0.1	-15.0	0.0	97.0
B404	403	GEO_Eqn_6.12b_nls15	2880	0.3	129.0	-0.1	-15.0	0.0	52.0
B404	403	GEO_Eqn_6.12b_nls15	3240	0.3	134.0	-0.1	-15.0	0.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls15	3240	1.0	225.0	0.0	-10.0	0.0	2.0
B404	403	GEO_Eqn_6.12b_nls15	3600	1.0	230.0	0.0	-10.0	0.0	-80.0
B404	403	GEO_Eqn_6.12b_nls15	3960	1.0	235.0	0.0	-10.0	0.0	-164.0
B404	403	GEO_Eqn_6.12b_nls15	4320	1.0	240.0	-0.1	-10.0	0.0	-249.0
B404	403	GEO_Eqn_6.12b_nls15	4320	2.0	334.0	-0.1	-3.0	0.0	-254.0
B404	403	GEO_Eqn_6.12b_nls15	4680	2.0	339.0	-0.1	-3.0	0.0	-375.0
B404	403	GEO_Eqn_6.12b_nls15	5040	2.0	344.0	-0.1	-3.0	0.0	-498.0
B404	403	GEO_Eqn_6.12b_nls15	5400	2.0	349.0	-0.1	-3.0	0.1	-623.0
B404	403	GEO_Eqn_6.12b_nls15	5400	-1.0	-325.0	0.0	-19.0	0.0	-646.0
B404	403	GEO_Eqn_6.12b_nls15	5760	-1.0	-320.0	0.0	-19.0	0.0	-530.0
B404	403	GEO_Eqn_6.12b_nls15	6120	-1.0	-315.0	0.0	-19.0	0.0	-416.0
B404	403	GEO_Eqn_6.12b_nls15	6480	-1.0	-310.0	0.0	-19.0	0.0	-304.0
B404	403	GEO_Eqn_6.12b_nls15	6480	-0.1	-209.0	0.0	-14.0	0.0	-304.0
B404	403	GEO_Eqn_6.12b_nls15	6840	-0.1	-204.0	0.0	-14.0	0.0	-230.0
B404	403	GEO_Eqn_6.12b_nls15	7200	-0.1	-199.0	0.0	-14.0	0.0	-157.0
B404	403	GEO_Eqn_6.12b_nls15	7560	-0.1	-194.0	0.0	-14.0	0.0	-86.0
B404	403	GEO_Eqn_6.12b_nls15	7560	0.1	-96.0	0.0	-10.0	0.0	-85.0
B404	403	GEO_Eqn_6.12b_nls15	7920	0.1	-91.0	0.0	-10.0	0.0	-52.0
B404	403	GEO_Eqn_6.12b_nls15	8280	0.1	-86.0	0.0	-10.0	0.0	-20.0
B404	403	GEO_Eqn_6.12b_nls15	8640	0.1	-81.0	0.0	-10.0	0.0	10.0
B404	403	GEO_Eqn_6.12b_nls15	8640	0.2	12.0	0.0	-0.1	0.0	9.0
B404	403	GEO_Eqn_6.12b_nls15	9000	0.2	17.0	0.0	-0.1	0.0	4.0
B404	403	GEO_Eqn_6.12b_nls15	9360	0.2	22.0	0.0	-0.1	0.0	-3.0
B404	403	GEO_Eqn_6.12b_nls15	9720	0.2	27.0	0.0	-0.1	0.0	-12.0
B404	403	GEO_Eqn_6.12b_nls15	9720	0.4	94.0	0.0	22.0	0.0	-15.0
B404	403	GEO_Eqn_6.12b_nls15	10080	0.4	99.0	0.0	22.0	0.0	-50.0
B404	403	GEO_Eqn_6.12b_nls15	10440	0.4	104.0	0.0	22.0	0.0	-87.0
B404	403	GEO_Eqn_6.12b_nls15	10800	0.4	109.0	0.0	22.0	0.0	-125.0
B404	403	GEO_Eqn_6.12b_nls15	10800	-0.2	-268.0	0.0	-13.0	0.0	-148.0
B404	403	GEO_Eqn_6.12b_nls15	11175	-0.2	-262.0	0.0	-13.0	0.0	-49.0
B404	403	GEO_Eqn_6.12b_nls15	11550	-0.2	-257.0	0.0	-13.0	0.0	48.0
B404	403	GEO_Eqn_6.12b_nls15	11550	-0.1	-220.0	0.0	6.0	0.0	53.0
B404	403	GEO_Eqn_6.12b_nls15	11925	-0.1	-215.0	0.0	6.0	0.0	135.0
B404	403	GEO_Eqn_6.12b_nls15	12300	-0.1	-209.0	0.0	6.0	0.0	214.0
B404	403	GEO_Eqn_6.12b_nls15	12300	-0.1	-146.0	0.0	16.0	0.0	219.0
B404	403	GEO_Eqn_6.12b_nls15	12787.5	-0.1	-140.0	0.0	16.0	0.0	289.0
B404	403	GEO_Eqn_6.12b_nls15	13275	-0.1	-133.0	0.0	16.0	0.0	355.0
B404	403	GEO_Eqn_6.12b_nls15	13275	0.0	-51.0	0.0	18.0	0.0	354.0
B404	403	GEO_Eqn_6.12b_nls15	13762.5	0.0	-44.0	0.0	18.0	0.0	377.0
B404	403	GEO_Eqn_6.12b_nls15	14250	0.0	-37.0	0.0	18.0	0.0	396.0
B404	403	GEO_Eqn_6.12b_nls15	14250	0.1	41.0	0.1	13.0	0.0	396.0
B404	403	GEO_Eqn_6.12b_nls15	14737.5	0.1	48.0	0.1	13.0	0.0	374.0
B404	403	GEO_Eqn_6.12b_nls15	15225	0.1	55.0	0.1	13.0	-0.1	349.0
B404	403	GEO_Eqn_6.12b_nls15	15225	0.3	89.0	-0.2	11.0	-0.1	345.0
B404	403	GEO_Eqn_6.12b_nls15	15712.5	0.3	95.0	-0.2	11.0	0.0	300.0
B404	403	GEO_Eqn_6.12b_nls15	16200	0.3	102.0	-0.3	11.0	0.1	252.0
B404	403	GEO_Eqn_6.12b_nls16	0	4.0	-66.0	-1.0	-17.0	-1.0	90.0
B404	403	GEO_Eqn_6.12b_nls16	360	4.0	-61.0	-1.0	-17.0	-0.4	113.0
B404	403	GEO_Eqn_6.12b_nls16	720	4.0	-56.0	-1.0	-17.0	0.2	134.0
B404	403	GEO_Eqn_6.12b_nls16	1080	4.0	-51.0	-1.0	-17.0	1.0	153.0
B404	403	GEO_Eqn_6.12b_nls16	1080	-2.0	-5.0	1.0	-16.0	1.0	155.0
B404	403	GEO_Eqn_6.12b_nls16	1440	-2.0	1.0	1.0	-16.0	0.4	156.0
B404	403	GEO_Eqn_6.12b_nls16	1800	-2.0	6.0	1.0	-16.0	0.1	155.0
B404	403	GEO_Eqn_6.12b_nls16	2160	-2.0	11.0	1.0	-16.0	-0.2	152.0
B404	403	GEO_Eqn_6.12b_nls16	2160	-1.0	89.0	-0.2	-14.0	-0.2	152.0
B404	403	GEO_Eqn_6.12b_nls16	2520	-1.0	94.0	-0.2	-14.0	-0.1	119.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B404	403	GEO_Eqn_6.12b_nls16	2880	-1.0	99.0	-0.2	-14.0	-0.1	84.0
B404	403	GEO_Eqn_6.12b_nls16	3240	-1.0	105.0	-0.2	-14.0	0.0	47.0
B404	403	GEO_Eqn_6.12b_nls16	3240	-1.0	194.0	0.0	-10.0	0.0	45.0
B404	403	GEO_Eqn_6.12b_nls16	3600	-1.0	199.0	0.0	-10.0	0.0	-26.0
B404	403	GEO_Eqn_6.12b_nls16	3960	-1.0	204.0	0.0	-10.0	0.0	-98.0
B404	403	GEO_Eqn_6.12b_nls16	4320	-1.0	209.0	0.0	-10.0	0.0	-173.0
B404	403	GEO_Eqn_6.12b_nls16	4320	0.2	302.0	0.0	-5.0	0.0	-177.0
B404	403	GEO_Eqn_6.12b_nls16	4680	0.2	308.0	0.0	-5.0	0.0	-287.0
B404	403	GEO_Eqn_6.12b_nls16	5040	0.2	313.0	0.0	-5.0	0.0	-399.0
B404	403	GEO_Eqn_6.12b_nls16	5400	0.2	318.0	0.0	-5.0	0.0	-512.0
B404	403	GEO_Eqn_6.12b_nls16	5400	-1.0	-352.0	-0.1	-14.0	0.0	-537.0
B404	403	GEO_Eqn_6.12b_nls16	5760	-1.0	-347.0	-0.1	-14.0	0.0	-411.0
B404	403	GEO_Eqn_6.12b_nls16	6120	-1.0	-342.0	-0.1	-14.0	0.0	-287.0
B404	403	GEO_Eqn_6.12b_nls16	6480	-1.0	-337.0	-0.1	-14.0	0.0	-165.0
B404	403	GEO_Eqn_6.12b_nls16	6480	0.0	-238.0	0.0	-11.0	0.0	-165.0
B404	403	GEO_Eqn_6.12b_nls16	6840	0.0	-233.0	0.0	-11.0	0.0	-80.0
B404	403	GEO_Eqn_6.12b_nls16	7200	0.0	-228.0	0.0	-11.0	0.0	3.0
B404	403	GEO_Eqn_6.12b_nls16	7560	-0.1	-223.0	0.0	-11.0	0.0	84.0
B404	403	GEO_Eqn_6.12b_nls16	7560	0.3	-126.0	0.0	-8.0	0.0	86.0
B404	403	GEO_Eqn_6.12b_nls16	7920	0.3	-121.0	0.0	-8.0	0.0	130.0
B404	403	GEO_Eqn_6.12b_nls16	8280	0.3	-116.0	0.0	-8.0	0.0	173.0
B404	403	GEO_Eqn_6.12b_nls16	8640	0.3	-111.0	0.0	-8.0	0.0	214.0
B404	403	GEO_Eqn_6.12b_nls16	8640	0.4	-20.0	0.0	-0.4	0.0	213.0
B404	403	GEO_Eqn_6.12b_nls16	9000	0.4	-15.0	0.0	-0.4	0.0	219.0
B404	403	GEO_Eqn_6.12b_nls16	9360	0.4	-10.0	0.0	-0.4	0.0	223.0
B404	403	GEO_Eqn_6.12b_nls16	9720	0.4	-5.0	0.0	-0.4	0.0	226.0
B404	403	GEO_Eqn_6.12b_nls16	9720	0.1	62.0	0.0	19.0	0.0	223.0
B404	403	GEO_Eqn_6.12b_nls16	10080	0.1	67.0	0.0	19.0	0.0	200.0
B404	403	GEO_Eqn_6.12b_nls16	10440	0.1	72.0	0.0	19.0	0.0	175.0
B404	403	GEO_Eqn_6.12b_nls16	10800	0.1	77.0	0.0	19.0	0.0	148.0
B404	403	GEO_Eqn_6.12b_nls16	10800	3.0	-182.0	-0.4	-13.0	-0.2	135.0
B404	403	GEO_Eqn_6.12b_nls16	11175	3.0	-176.0	-0.4	-13.0	-0.1	202.0
B404	403	GEO_Eqn_6.12b_nls16	11550	3.0	-171.0	-0.4	-13.0	0.1	268.0
B404	403	GEO_Eqn_6.12b_nls16	11550	3.0	-134.0	-0.1	4.0	0.0	272.0
B404	403	GEO_Eqn_6.12b_nls16	11925	3.0	-129.0	-0.1	4.0	0.0	321.0
B404	403	GEO_Eqn_6.12b_nls16	12300	3.0	-124.0	-0.1	4.0	0.1	368.0
B404	403	GEO_Eqn_6.12b_nls16	12300	2.0	-61.0	-0.2	13.0	-0.1	372.0
B404	403	GEO_Eqn_6.12b_nls16	12787.5	2.0	-54.0	-0.2	13.0	0.0	400.0
B404	403	GEO_Eqn_6.12b_nls16	13275	2.0	-47.0	-0.2	13.0	0.1	424.0
B404	403	GEO_Eqn_6.12b_nls16	13275	1.0	35.0	-0.2	13.0	-0.1	422.0
B404	403	GEO_Eqn_6.12b_nls16	13762.5	1.0	42.0	-0.2	13.0	0.0	403.0
B404	403	GEO_Eqn_6.12b_nls16	14250	1.0	49.0	-0.2	13.0	0.1	381.0
B404	403	GEO_Eqn_6.12b_nls16	14250	-2.0	127.0	-1.0	8.0	-0.2	380.0
B404	403	GEO_Eqn_6.12b_nls16	14737.5	-2.0	134.0	-1.0	8.0	0.2	316.0
B404	403	GEO_Eqn_6.12b_nls16	15225	-2.0	140.0	-1.0	8.0	1.0	250.0
B404	403	GEO_Eqn_6.12b_nls16	15225	-6.0	173.0	1.0	6.0	1.0	246.0
B404	403	GEO_Eqn_6.12b_nls16	15712.5	-6.0	180.0	1.0	6.0	-0.2	160.0
B404	403	GEO_Eqn_6.12b_nls16	16200	-6.0	187.0	1.0	6.0	-1.0	70.0
B405	404	GEO_Eqn_6.12b_nls01	0	2.0	-184.0	0.0	-1.0	0.0	-86.0
B405	404	GEO_Eqn_6.12b_nls01	396.12	2.0	-178.0	0.0	-1.0	0.0	-14.0
B405	404	GEO_Eqn_6.12b_nls01	792.24	2.0	-173.0	0.0	-1.0	0.0	56.0
B405	404	GEO_Eqn_6.12b_nls01	1188.37	2.0	-167.0	0.0	-1.0	0.0	123.0
B405	404	GEO_Eqn_6.12b_nls01	1188.37	0.4	-106.0	-0.1	1.0	-0.1	125.0
B405	404	GEO_Eqn_6.12b_nls01	1584.49	0.4	-100.0	-0.1	1.0	0.0	166.0
B405	404	GEO_Eqn_6.12b_nls01	1980.61	0.4	-95.0	-0.1	1.0	0.0	204.0
B405	404	GEO_Eqn_6.12b_nls01	2376.73	0.4	-89.0	-0.1	1.0	0.0	241.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B405	404	GEO_Eqn_6.12b_nls01	2376.73	-0.5	15.0	-0.1	6.0	0.0	243.0
B405	404	GEO_Eqn_6.12b_nls01	2772.85	-1.0	21.0	-0.1	6.0	0.0	236.0
B405	404	GEO_Eqn_6.12b_nls01	3168.97	-1.0	27.0	-0.1	6.0	0.0	227.0
B405	404	GEO_Eqn_6.12b_nls01	3565.1	-1.0	32.0	-0.1	6.0	0.0	215.0
B405	404	GEO_Eqn_6.12b_nls01	3565.1	-2.0	102.0	0.0	9.0	0.0	216.0
B405	404	GEO_Eqn_6.12b_nls01	3961.22	-2.0	108.0	0.0	9.0	0.0	174.0
B405	404	GEO_Eqn_6.12b_nls01	4357.34	-2.0	114.0	0.0	9.0	0.0	130.0
B405	404	GEO_Eqn_6.12b_nls01	4753.46	-2.0	119.0	0.0	9.0	0.0	84.0
B405	404	GEO_Eqn_6.12b_nls02	0	2.0	-174.0	0.1	-2.0	0.1	-69.0
B405	404	GEO_Eqn_6.12b_nls02	396.12	2.0	-168.0	0.1	-2.0	0.0	-2.0
B405	404	GEO_Eqn_6.12b_nls02	792.24	2.0	-162.0	0.1	-2.0	0.0	64.0
B405	404	GEO_Eqn_6.12b_nls02	1188.37	2.0	-157.0	0.1	-2.0	0.0	127.0
B405	404	GEO_Eqn_6.12b_nls02	1188.37	1.0	-95.0	-0.1	1.0	-0.1	129.0
B405	404	GEO_Eqn_6.12b_nls02	1584.49	1.0	-89.0	-0.1	1.0	0.0	165.0
B405	404	GEO_Eqn_6.12b_nls02	1980.61	1.0	-84.0	-0.1	1.0	0.0	199.0
B405	404	GEO_Eqn_6.12b_nls02	2376.73	1.0	-78.0	-0.1	1.0	0.0	231.0
B405	404	GEO_Eqn_6.12b_nls02	2376.73	-0.3	26.0	0.0	5.0	0.0	234.0
B405	404	GEO_Eqn_6.12b_nls02	2772.85	-0.3	32.0	0.0	5.0	0.0	222.0
B405	404	GEO_Eqn_6.12b_nls02	3168.97	-0.3	38.0	0.0	5.0	0.0	209.0
B405	404	GEO_Eqn_6.12b_nls02	3565.1	-0.3	43.0	0.0	5.0	0.0	193.0
B405	404	GEO_Eqn_6.12b_nls02	3565.1	-2.0	113.0	-0.1	9.0	0.0	193.0
B405	404	GEO_Eqn_6.12b_nls02	3961.22	-2.0	119.0	-0.1	9.0	0.0	147.0
B405	404	GEO_Eqn_6.12b_nls02	4357.34	-2.0	124.0	-0.1	9.0	0.0	99.0
B405	404	GEO_Eqn_6.12b_nls02	4753.46	-2.0	130.0	-0.1	9.0	0.1	49.0
B405	404	GEO_Eqn_6.12b_nls03	0	-2.0	-222.0	-0.1	-2.0	-0.1	-136.0
B405	404	GEO_Eqn_6.12b_nls03	396.12	-2.0	-217.0	-0.1	-2.0	0.0	-49.0
B405	404	GEO_Eqn_6.12b_nls03	792.24	-2.0	-211.0	-0.1	-2.0	0.0	35.0
B405	404	GEO_Eqn_6.12b_nls03	1188.37	-2.0	-206.0	-0.1	-2.0	0.1	118.0
B405	404	GEO_Eqn_6.12b_nls03	1188.37	-1.0	-146.0	0.1	-0.2	0.1	120.0
B405	404	GEO_Eqn_6.12b_nls03	1584.49	-1.0	-140.0	0.1	-0.2	0.0	177.0
B405	404	GEO_Eqn_6.12b_nls03	1980.61	-1.0	-135.0	0.2	-0.2	0.0	231.0
B405	404	GEO_Eqn_6.12b_nls03	2376.73	-1.0	-129.0	0.2	-0.2	-0.1	283.0
B405	404	GEO_Eqn_6.12b_nls03	2376.73	0.0	-26.0	-0.1	3.0	0.0	286.0
B405	404	GEO_Eqn_6.12b_nls03	2772.85	0.0	-20.0	-0.1	3.0	0.0	295.0
B405	404	GEO_Eqn_6.12b_nls03	3168.97	0.0	-14.0	-0.1	3.0	0.1	302.0
B405	404	GEO_Eqn_6.12b_nls03	3565.1	0.0	-9.0	-0.1	3.0	0.1	307.0
B405	404	GEO_Eqn_6.12b_nls03	3565.1	3.0	59.0	0.3	7.0	0.2	308.0
B405	404	GEO_Eqn_6.12b_nls03	3961.22	3.0	65.0	0.3	7.0	0.1	283.0
B405	404	GEO_Eqn_6.12b_nls03	4357.34	3.0	70.0	0.3	7.0	-0.1	257.0
B405	404	GEO_Eqn_6.12b_nls03	4753.46	3.0	76.0	0.3	7.0	-0.2	228.0
B405	404	GEO_Eqn_6.12b_nls04	0	-2.0	-200.0	-0.1	-3.0	-0.1	-101.0
B405	404	GEO_Eqn_6.12b_nls04	396.12	-2.0	-195.0	-0.1	-3.0	0.0	-22.0
B405	404	GEO_Eqn_6.12b_nls04	792.24	-2.0	-189.0	-0.1	-3.0	0.0	54.0
B405	404	GEO_Eqn_6.12b_nls04	1188.37	-2.0	-184.0	-0.1	-3.0	0.0	127.0
B405	404	GEO_Eqn_6.12b_nls04	1188.37	-0.3	-123.0	0.1	-1.0	0.1	129.0
B405	404	GEO_Eqn_6.12b_nls04	1584.49	-0.3	-117.0	0.1	-1.0	0.0	177.0
B405	404	GEO_Eqn_6.12b_nls04	1980.61	-0.3	-112.0	0.1	-1.0	0.0	222.0
B405	404	GEO_Eqn_6.12b_nls04	2376.73	-0.3	-106.0	0.1	-1.0	-0.1	265.0
B405	404	GEO_Eqn_6.12b_nls04	2376.73	0.3	-2.0	0.0	2.0	0.0	268.0
B405	404	GEO_Eqn_6.12b_nls04	2772.85	0.3	3.0	0.0	2.0	0.0	268.0
B405	404	GEO_Eqn_6.12b_nls04	3168.97	0.3	9.0	0.0	2.0	0.0	266.0
B405	404	GEO_Eqn_6.12b_nls04	3565.1	0.3	14.0	0.0	2.0	0.0	261.0
B405	404	GEO_Eqn_6.12b_nls04	3565.1	2.0	81.0	0.1	6.0	0.1	262.0
B405	404	GEO_Eqn_6.12b_nls04	3961.22	2.0	87.0	0.1	6.0	0.0	229.0
B405	404	GEO_Eqn_6.12b_nls04	4357.34	2.0	92.0	0.1	6.0	0.0	193.0
B405	404	GEO_Eqn_6.12b_nls04	4753.46	2.0	98.0	0.1	6.0	-0.1	155.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B405	404	GEO_Eqn_6.12b_nls05	0	2.0	-189.0	0.0	-1.0	0.0	-94.0
B405	404	GEO_Eqn_6.12b_nls05	396.12	2.0	-183.0	0.0	-1.0	0.0	-20.0
B405	404	GEO_Eqn_6.12b_nls05	792.24	2.0	-178.0	0.0	-1.0	0.0	51.0
B405	404	GEO_Eqn_6.12b_nls05	1188.37	2.0	-172.0	0.0	-1.0	0.0	120.0
B405	404	GEO_Eqn_6.12b_nls05	1188.37	0.3	-111.0	-0.1	2.0	-0.1	122.0
B405	404	GEO_Eqn_6.12b_nls05	1584.49	0.3	-106.0	-0.1	2.0	0.0	165.0
B405	404	GEO_Eqn_6.12b_nls05	1980.61	0.3	-100.0	-0.1	2.0	0.0	206.0
B405	404	GEO_Eqn_6.12b_nls05	2376.73	0.3	-94.0	-0.1	2.0	0.0	244.0
B405	404	GEO_Eqn_6.12b_nls05	2376.73	-1.0	10.0	-0.1	6.0	0.0	247.0
B405	404	GEO_Eqn_6.12b_nls05	2772.85	-1.0	16.0	-0.1	6.0	0.0	242.0
B405	404	GEO_Eqn_6.12b_nls05	3168.97	-1.0	21.0	-0.1	6.0	0.0	235.0
B405	404	GEO_Eqn_6.12b_nls05	3565.1	-1.0	27.0	-0.1	6.0	0.1	225.0
B405	404	GEO_Eqn_6.12b_nls05	3565.1	-1.0	97.0	0.1	10.0	0.0	226.0
B405	404	GEO_Eqn_6.12b_nls05	3961.22	-1.0	103.0	0.1	10.0	0.0	187.0
B405	404	GEO_Eqn_6.12b_nls05	4357.34	-1.0	108.0	0.1	10.0	0.0	145.0
B405	404	GEO_Eqn_6.12b_nls05	4753.46	-1.0	114.0	0.1	10.0	-0.1	101.0
B405	404	GEO_Eqn_6.12b_nls06	0	2.0	-167.0	0.1	-2.0	0.1	-61.0
B405	404	GEO_Eqn_6.12b_nls06	396.12	2.0	-162.0	0.1	-2.0	0.0	5.0
B405	404	GEO_Eqn_6.12b_nls06	792.24	2.0	-156.0	0.1	-2.0	0.0	68.0
B405	404	GEO_Eqn_6.12b_nls06	1188.37	2.0	-151.0	0.1	-2.0	0.0	128.0
B405	404	GEO_Eqn_6.12b_nls06	1188.37	1.0	-89.0	-0.1	1.0	-0.1	130.0
B405	404	GEO_Eqn_6.12b_nls06	1584.49	1.0	-83.0	-0.1	1.0	0.0	164.0
B405	404	GEO_Eqn_6.12b_nls06	1980.61	1.0	-77.0	-0.1	1.0	0.0	196.0
B405	404	GEO_Eqn_6.12b_nls06	2376.73	1.0	-72.0	-0.1	1.0	0.0	225.0
B405	404	GEO_Eqn_6.12b_nls06	2376.73	-0.2	33.0	0.0	5.0	0.0	228.0
B405	404	GEO_Eqn_6.12b_nls06	2772.85	-0.2	38.0	0.0	5.0	0.0	214.0
B405	404	GEO_Eqn_6.12b_nls06	3168.97	-0.2	44.0	0.0	5.0	0.0	198.0
B405	404	GEO_Eqn_6.12b_nls06	3565.1	-0.2	49.0	0.0	5.0	0.0	179.0
B405	404	GEO_Eqn_6.12b_nls06	3565.1	-2.0	119.0	-0.1	9.0	-0.1	180.0
B405	404	GEO_Eqn_6.12b_nls06	3961.22	-2.0	125.0	-0.1	9.0	0.0	131.0
B405	404	GEO_Eqn_6.12b_nls06	4357.34	-2.0	130.0	-0.1	9.0	0.0	81.0
B405	404	GEO_Eqn_6.12b_nls06	4753.46	-2.0	136.0	-0.1	9.0	0.1	28.0
B405	404	GEO_Eqn_6.12b_nls07	0	-2.0	-215.0	-0.1	-3.0	-0.1	-124.0
B405	404	GEO_Eqn_6.12b_nls07	396.12	-2.0	-209.0	-0.1	-3.0	0.0	-40.0
B405	404	GEO_Eqn_6.12b_nls07	792.24	-2.0	-204.0	-0.1	-3.0	0.0	41.0
B405	404	GEO_Eqn_6.12b_nls07	1188.37	-2.0	-198.0	-0.1	-3.0	0.0	121.0
B405	404	GEO_Eqn_6.12b_nls07	1188.37	-0.5	-138.0	0.1	-1.0	0.1	123.0
B405	404	GEO_Eqn_6.12b_nls07	1584.49	-0.5	-132.0	0.1	-1.0	0.0	177.0
B405	404	GEO_Eqn_6.12b_nls07	1980.61	-0.5	-127.0	0.1	-1.0	0.0	228.0
B405	404	GEO_Eqn_6.12b_nls07	2376.73	-0.5	-121.0	0.1	-1.0	-0.1	277.0
B405	404	GEO_Eqn_6.12b_nls07	2376.73	0.1	-18.0	-0.1	2.0	0.0	280.0
B405	404	GEO_Eqn_6.12b_nls07	2772.85	0.1	-12.0	-0.1	2.0	0.0	286.0
B405	404	GEO_Eqn_6.12b_nls07	3168.97	0.1	-6.0	-0.1	2.0	0.0	289.0
B405	404	GEO_Eqn_6.12b_nls07	3565.1	0.1	-1.0	-0.1	2.0	0.1	291.0
B405	404	GEO_Eqn_6.12b_nls07	3565.1	2.0	67.0	0.3	6.0	0.1	292.0
B405	404	GEO_Eqn_6.12b_nls07	3961.22	2.0	73.0	0.3	6.0	0.0	264.0
B405	404	GEO_Eqn_6.12b_nls07	4357.34	2.0	78.0	0.3	6.0	-0.1	234.0
B405	404	GEO_Eqn_6.12b_nls07	4753.46	2.0	84.0	0.3	6.0	-0.2	202.0
B405	404	GEO_Eqn_6.12b_nls08	0	-2.0	-193.0	-0.1	-4.0	0.0	-89.0
B405	404	GEO_Eqn_6.12b_nls08	396.12	-2.0	-188.0	-0.1	-4.0	0.0	-13.0
B405	404	GEO_Eqn_6.12b_nls08	792.24	-2.0	-182.0	-0.1	-4.0	0.0	60.0
B405	404	GEO_Eqn_6.12b_nls08	1188.37	-2.0	-176.0	0.0	-4.0	0.0	131.0
B405	404	GEO_Eqn_6.12b_nls08	1188.37	-0.2	-115.0	0.1	-3.0	0.1	133.0
B405	404	GEO_Eqn_6.12b_nls08	1584.49	-0.2	-109.0	0.1	-3.0	0.0	177.0
B405	404	GEO_Eqn_6.12b_nls08	1980.61	-0.2	-104.0	0.1	-3.0	0.0	219.0
B405	404	GEO_Eqn_6.12b_nls08	2376.73	-0.2	-98.0	0.1	-3.0	-0.1	259.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B405	404	GEO_Eqn_6.12b_nls08	2376.73	0.4	6.0	0.0	1.0	0.0	262.0
B405	404	GEO_Eqn_6.12b_nls08	2772.85	0.4	11.0	0.0	1.0	0.0	259.0
B405	404	GEO_Eqn_6.12b_nls08	3168.97	0.4	17.0	0.0	1.0	0.0	253.0
B405	404	GEO_Eqn_6.12b_nls08	3565.1	0.4	22.0	0.0	1.0	0.0	245.0
B405	404	GEO_Eqn_6.12b_nls08	3565.1	1.0	89.0	0.1	5.0	0.0	246.0
B405	404	GEO_Eqn_6.12b_nls08	3961.22	1.0	95.0	0.1	5.0	0.0	210.0
B405	404	GEO_Eqn_6.12b_nls08	4357.34	1.0	101.0	0.1	5.0	0.0	171.0
B405	404	GEO_Eqn_6.12b_nls08	4753.46	1.0	106.0	0.1	5.0	0.0	130.0
B405	404	GEO_Eqn_6.12b_nls09	0	0.0	-231.0	-0.1	1.0	-0.1	-157.0
B405	404	GEO_Eqn_6.12b_nls09	396.12	0.0	-225.0	-0.1	1.0	0.0	-67.0
B405	404	GEO_Eqn_6.12b_nls09	792.24	0.0	-219.0	-0.1	1.0	0.0	21.0
B405	404	GEO_Eqn_6.12b_nls09	1188.37	0.0	-214.0	-0.1	1.0	0.1	107.0
B405	404	GEO_Eqn_6.12b_nls09	1188.37	-0.3	-155.0	0.0	3.0	0.0	109.0
B405	404	GEO_Eqn_6.12b_nls09	1584.49	-0.3	-149.0	0.0	3.0	0.0	169.0
B405	404	GEO_Eqn_6.12b_nls09	1980.61	-0.3	-144.0	0.0	3.0	0.0	227.0
B405	404	GEO_Eqn_6.12b_nls09	2376.73	-0.3	-138.0	0.0	3.0	-0.1	283.0
B405	404	GEO_Eqn_6.12b_nls09	2376.73	-1.0	-34.0	-0.3	7.0	-0.1	286.0
B405	404	GEO_Eqn_6.12b_nls09	2772.85	-1.0	-29.0	-0.3	7.0	0.0	298.0
B405	404	GEO_Eqn_6.12b_nls09	3168.97	-1.0	-23.0	-0.3	7.0	0.1	308.0
B405	404	GEO_Eqn_6.12b_nls09	3565.1	-1.0	-18.0	-0.2	7.0	0.2	317.0
B405	404	GEO_Eqn_6.12b_nls09	3565.1	1.0	53.0	0.4	11.0	0.2	318.0
B405	404	GEO_Eqn_6.12b_nls09	3961.22	1.0	58.0	0.4	11.0	0.1	296.0
B405	404	GEO_Eqn_6.12b_nls09	4357.34	1.0	64.0	0.4	11.0	-0.1	271.0
B405	404	GEO_Eqn_6.12b_nls09	4753.46	1.0	70.0	0.4	11.0	-0.3	245.0
B405	404	GEO_Eqn_6.12b_nls10	0	-1.0	-240.0	-0.1	1.0	-0.1	-170.0
B405	404	GEO_Eqn_6.12b_nls10	396.12	-1.0	-235.0	-0.1	1.0	0.0	-76.0
B405	404	GEO_Eqn_6.12b_nls10	792.24	-1.0	-229.0	-0.1	1.0	0.0	16.0
B405	404	GEO_Eqn_6.12b_nls10	1188.37	-1.0	-224.0	-0.1	1.0	0.1	105.0
B405	404	GEO_Eqn_6.12b_nls10	1188.37	-1.0	-165.0	0.1	2.0	0.0	108.0
B405	404	GEO_Eqn_6.12b_nls10	1584.49	-1.0	-159.0	0.1	2.0	0.0	172.0
B405	404	GEO_Eqn_6.12b_nls10	1980.61	-1.0	-154.0	0.1	2.0	0.0	234.0
B405	404	GEO_Eqn_6.12b_nls10	2376.73	-1.0	-148.0	0.1	2.0	-0.1	294.0
B405	404	GEO_Eqn_6.12b_nls10	2376.73	-1.0	-45.0	-0.3	6.0	-0.1	297.0
B405	404	GEO_Eqn_6.12b_nls10	2772.85	-1.0	-39.0	-0.3	6.0	0.0	313.0
B405	404	GEO_Eqn_6.12b_nls10	3168.97	-1.0	-34.0	-0.3	6.0	0.1	328.0
B405	404	GEO_Eqn_6.12b_nls10	3565.1	-1.0	-28.0	-0.3	6.0	0.2	340.0
B405	404	GEO_Eqn_6.12b_nls10	3565.1	2.0	42.0	1.0	10.0	0.3	341.0
B405	404	GEO_Eqn_6.12b_nls10	3961.22	2.0	47.0	1.0	10.0	0.1	323.0
B405	404	GEO_Eqn_6.12b_nls10	4357.34	2.0	53.0	1.0	10.0	-0.1	303.0
B405	404	GEO_Eqn_6.12b_nls10	4753.46	2.0	59.0	1.0	10.0	-0.3	281.0
B405	404	GEO_Eqn_6.12b_nls11	0	1.0	-146.0	0.1	-5.0	0.1	-24.0
B405	404	GEO_Eqn_6.12b_nls11	396.12	1.0	-141.0	0.1	-5.0	0.0	33.0
B405	404	GEO_Eqn_6.12b_nls11	792.24	1.0	-135.0	0.1	-5.0	0.0	87.0
B405	404	GEO_Eqn_6.12b_nls11	1188.37	1.0	-129.0	0.1	-5.0	-0.1	140.0
B405	404	GEO_Eqn_6.12b_nls11	1188.37	1.0	-66.0	-0.1	-2.0	0.0	141.0
B405	404	GEO_Eqn_6.12b_nls11	1584.49	1.0	-61.0	-0.1	-2.0	0.0	166.0
B405	404	GEO_Eqn_6.12b_nls11	1980.61	1.0	-55.0	-0.1	-2.0	0.0	189.0
B405	404	GEO_Eqn_6.12b_nls11	2376.73	1.0	-49.0	-0.1	-2.0	0.1	210.0
B405	404	GEO_Eqn_6.12b_nls11	2376.73	1.0	55.0	0.2	2.0	0.1	212.0
B405	404	GEO_Eqn_6.12b_nls11	2772.85	0.5	61.0	0.2	2.0	0.0	189.0
B405	404	GEO_Eqn_6.12b_nls11	3168.97	0.5	66.0	0.2	2.0	-0.1	164.0
B405	404	GEO_Eqn_6.12b_nls11	3565.1	0.5	72.0	0.2	2.0	-0.2	136.0
B405	404	GEO_Eqn_6.12b_nls11	3565.1	-3.0	140.0	-0.4	6.0	-0.2	137.0
B405	404	GEO_Eqn_6.12b_nls11	3961.22	-3.0	146.0	-0.4	6.0	-0.1	80.0
B405	404	GEO_Eqn_6.12b_nls11	4357.34	-3.0	151.0	-0.4	6.0	0.1	21.0
B405	404	GEO_Eqn_6.12b_nls11	4753.46	-3.0	157.0	-0.4	6.0	0.3	-40.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B405	404	GEO_Eqn_6.12b_nls12	0	0.1	-154.0	0.1	-5.0	0.0	-33.0
B405	404	GEO_Eqn_6.12b_nls12	396.12	0.1	-148.0	0.1	-5.0	0.0	27.0
B405	404	GEO_Eqn_6.12b_nls12	792.24	0.1	-143.0	0.1	-5.0	0.0	85.0
B405	404	GEO_Eqn_6.12b_nls12	1188.37	0.1	-137.0	0.1	-5.0	0.0	140.0
B405	404	GEO_Eqn_6.12b_nls12	1188.37	0.4	-74.0	0.0	-3.0	0.0	141.0
B405	404	GEO_Eqn_6.12b_nls12	1584.49	0.4	-68.0	0.0	-3.0	0.0	170.0
B405	404	GEO_Eqn_6.12b_nls12	1980.61	0.4	-63.0	0.0	-3.0	0.0	196.0
B405	404	GEO_Eqn_6.12b_nls12	2376.73	0.4	-57.0	0.0	-3.0	0.0	219.0
B405	404	GEO_Eqn_6.12b_nls12	2376.73	1.0	47.0	0.2	1.0	0.1	222.0
B405	404	GEO_Eqn_6.12b_nls12	2772.85	1.0	53.0	0.2	1.0	0.0	202.0
B405	404	GEO_Eqn_6.12b_nls12	3168.97	1.0	58.0	0.2	1.0	-0.1	180.0
B405	404	GEO_Eqn_6.12b_nls12	3565.1	1.0	64.0	0.2	1.0	-0.2	156.0
B405	404	GEO_Eqn_6.12b_nls12	3565.1	-1.0	131.0	-0.3	5.0	-0.2	156.0
B405	404	GEO_Eqn_6.12b_nls12	3961.22	-1.0	137.0	-0.3	5.0	0.0	103.0
B405	404	GEO_Eqn_6.12b_nls12	4357.34	-1.0	142.0	-0.3	5.0	0.1	48.0
B405	404	GEO_Eqn_6.12b_nls12	4753.46	-1.0	148.0	-0.3	5.0	0.2	-10.0
B405	404	GEO_Eqn_6.12b_nls13	0	1.0	-212.0	0.0	-2.0	0.0	-126.0
B405	404	GEO_Eqn_6.12b_nls13	396.12	1.0	-206.0	0.0	-2.0	0.0	-43.0
B405	404	GEO_Eqn_6.12b_nls13	792.24	1.0	-201.0	0.0	-2.0	0.0	37.0
B405	404	GEO_Eqn_6.12b_nls13	1188.37	1.0	-195.0	0.0	-2.0	0.0	116.0
B405	404	GEO_Eqn_6.12b_nls13	1188.37	0.0	-135.0	0.0	0.0	0.0	118.0
B405	404	GEO_Eqn_6.12b_nls13	1584.49	0.0	-129.0	0.0	0.0	0.0	170.0
B405	404	GEO_Eqn_6.12b_nls13	1980.61	0.0	-123.0	0.0	0.0	0.0	220.0
B405	404	GEO_Eqn_6.12b_nls13	2376.73	0.0	-118.0	0.0	0.0	0.0	268.0
B405	404	GEO_Eqn_6.12b_nls13	2376.73	-1.0	-14.0	-0.2	4.0	-0.1	271.0
B405	404	GEO_Eqn_6.12b_nls13	2772.85	-1.0	-8.0	-0.2	4.0	0.0	275.0
B405	404	GEO_Eqn_6.12b_nls13	3168.97	-1.0	-3.0	-0.2	4.0	0.1	277.0
B405	404	GEO_Eqn_6.12b_nls13	3565.1	-1.0	3.0	-0.2	4.0	0.1	277.0
B405	404	GEO_Eqn_6.12b_nls13	3565.1	0.1	73.0	0.2	8.0	0.1	278.0
B405	404	GEO_Eqn_6.12b_nls13	3961.22	0.1	79.0	0.2	8.0	0.0	248.0
B405	404	GEO_Eqn_6.12b_nls13	4357.34	0.1	84.0	0.2	8.0	-0.1	215.0
B405	404	GEO_Eqn_6.12b_nls13	4753.46	0.1	90.0	0.2	8.0	-0.1	181.0
B405	404	GEO_Eqn_6.12b_nls14	0	-0.5	-221.0	-0.1	-3.0	-0.1	-139.0
B405	404	GEO_Eqn_6.12b_nls14	396.12	-0.5	-216.0	-0.1	-3.0	0.0	-52.0
B405	404	GEO_Eqn_6.12b_nls14	792.24	-0.5	-210.0	-0.1	-3.0	0.0	32.0
B405	404	GEO_Eqn_6.12b_nls14	1188.37	-0.5	-205.0	-0.1	-3.0	0.0	114.0
B405	404	GEO_Eqn_6.12b_nls14	1188.37	-0.3	-145.0	0.1	-1.0	0.0	116.0
B405	404	GEO_Eqn_6.12b_nls14	1584.49	-0.3	-139.0	0.1	-1.0	0.0	173.0
B405	404	GEO_Eqn_6.12b_nls14	1980.61	-0.3	-133.0	0.1	-1.0	0.0	226.0
B405	404	GEO_Eqn_6.12b_nls14	2376.73	-0.3	-128.0	0.1	-1.0	-0.1	278.0
B405	404	GEO_Eqn_6.12b_nls14	2376.73	-0.5	-24.0	-0.2	3.0	-0.1	281.0
B405	404	GEO_Eqn_6.12b_nls14	2772.85	-0.5	-18.0	-0.2	3.0	0.0	290.0
B405	404	GEO_Eqn_6.12b_nls14	3168.97	-0.5	-13.0	-0.2	3.0	0.1	296.0
B405	404	GEO_Eqn_6.12b_nls14	3565.1	-0.5	-7.0	-0.2	3.0	0.1	300.0
B405	404	GEO_Eqn_6.12b_nls14	3565.1	1.0	62.0	0.3	6.0	0.2	301.0
B405	404	GEO_Eqn_6.12b_nls14	3961.22	1.0	68.0	0.3	6.0	0.0	275.0
B405	404	GEO_Eqn_6.12b_nls14	4357.34	1.0	73.0	0.3	6.0	-0.1	247.0
B405	404	GEO_Eqn_6.12b_nls14	4753.46	1.0	79.0	0.3	6.0	-0.2	217.0
B405	404	GEO_Eqn_6.12b_nls15	0	1.0	-156.0	0.1	-3.0	0.0	-42.0
B405	404	GEO_Eqn_6.12b_nls15	396.12	1.0	-151.0	0.1	-3.0	0.0	19.0
B405	404	GEO_Eqn_6.12b_nls15	792.24	1.0	-145.0	0.1	-3.0	0.0	78.0
B405	404	GEO_Eqn_6.12b_nls15	1188.37	1.0	-140.0	0.1	-3.0	0.0	134.0
B405	404	GEO_Eqn_6.12b_nls15	1188.37	0.5	-77.0	0.0	-1.0	0.0	136.0
B405	404	GEO_Eqn_6.12b_nls15	1584.49	0.5	-72.0	0.0	-1.0	0.0	165.0
B405	404	GEO_Eqn_6.12b_nls15	1980.61	0.5	-66.0	0.0	-1.0	0.0	192.0
B405	404	GEO_Eqn_6.12b_nls15	2376.73	0.4	-60.0	0.0	-1.0	0.0	217.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B405	404	GEO_Eqn_6.12b_nls15	2376.73	1.0	44.0	0.1	3.0	0.0	220.0
B405	404	GEO_Eqn_6.12b_nls15	2772.85	1.0	50.0	0.1	3.0	0.0	201.0
B405	404	GEO_Eqn_6.12b_nls15	3168.97	0.5	55.0	0.1	3.0	-0.1	181.0
B405	404	GEO_Eqn_6.12b_nls15	3565.1	0.5	61.0	0.1	3.0	-0.1	158.0
B405	404	GEO_Eqn_6.12b_nls15	3565.1	-2.0	129.0	-0.2	7.0	-0.1	158.0
B405	404	GEO_Eqn_6.12b_nls15	3961.22	-2.0	134.0	-0.2	7.0	0.0	106.0
B405	404	GEO_Eqn_6.12b_nls15	4357.34	-2.0	140.0	-0.2	7.0	0.1	52.0
B405	404	GEO_Eqn_6.12b_nls15	4753.46	-2.0	146.0	-0.2	7.0	0.1	-5.0
B405	404	GEO_Eqn_6.12b_nls16	0	-1.0	-165.0	0.0	-4.0	0.0	-51.0
B405	404	GEO_Eqn_6.12b_nls16	396.12	-1.0	-159.0	0.0	-4.0	0.0	13.0
B405	404	GEO_Eqn_6.12b_nls16	792.24	-1.0	-154.0	0.0	-4.0	0.0	75.0
B405	404	GEO_Eqn_6.12b_nls16	1188.37	-1.0	-148.0	0.0	-4.0	0.0	135.0
B405	404	GEO_Eqn_6.12b_nls16	1188.37	0.2	-86.0	0.0	-2.0	0.0	136.0
B405	404	GEO_Eqn_6.12b_nls16	1584.49	0.2	-80.0	0.0	-2.0	0.0	169.0
B405	404	GEO_Eqn_6.12b_nls16	1980.61	0.2	-75.0	0.0	-2.0	0.0	200.0
B405	404	GEO_Eqn_6.12b_nls16	2376.73	0.2	-69.0	0.0	-2.0	0.0	228.0
B405	404	GEO_Eqn_6.12b_nls16	2376.73	1.0	35.0	0.1	2.0	0.1	231.0
B405	404	GEO_Eqn_6.12b_nls16	2772.85	1.0	41.0	0.1	2.0	0.0	216.0
B405	404	GEO_Eqn_6.12b_nls16	3168.97	1.0	46.0	0.1	2.0	0.0	198.0
B405	404	GEO_Eqn_6.12b_nls16	3565.1	1.0	52.0	0.1	2.0	-0.1	179.0
B405	404	GEO_Eqn_6.12b_nls16	3565.1	-0.2	119.0	-0.1	6.0	-0.1	179.0
B405	404	GEO_Eqn_6.12b_nls16	3961.22	-0.2	125.0	-0.1	6.0	0.0	131.0
B405	404	GEO_Eqn_6.12b_nls16	4357.34	-0.2	130.0	-0.1	6.0	0.0	81.0
B405	404	GEO_Eqn_6.12b_nls16	4753.46	-0.2	136.0	-0.1	6.0	0.1	28.0
B406	505	GEO_Eqn_6.12b_nls01	0	2.0	-244.0	3.0	34.0	2.0	-105.0
B406	505	GEO_Eqn_6.12b_nls01	360	2.0	-236.0	3.0	34.0	1.0	-19.0
B406	505	GEO_Eqn_6.12b_nls01	720	2.0	-228.0	3.0	34.0	0.2	65.0
B406	505	GEO_Eqn_6.12b_nls01	1080	2.0	-220.0	3.0	34.0	-1.0	145.0
B406	505	GEO_Eqn_6.12b_nls01	1080	1.0	-184.0	-0.2	37.0	-1.0	146.0
B406	505	GEO_Eqn_6.12b_nls01	1440	1.0	-176.0	-0.2	37.0	-1.0	211.0
B406	505	GEO_Eqn_6.12b_nls01	1800	1.0	-167.0	-0.2	37.0	-1.0	273.0
B406	505	GEO_Eqn_6.12b_nls01	2160	1.0	-159.0	-0.2	37.0	-1.0	331.0
B406	505	GEO_Eqn_6.12b_nls01	2160	-1.0	-87.0	-1.0	41.0	-1.0	332.0
B406	505	GEO_Eqn_6.12b_nls01	2520	-1.0	-79.0	-1.0	41.0	-0.4	362.0
B406	505	GEO_Eqn_6.12b_nls01	2880	-1.0	-71.0	-1.0	41.0	-0.2	389.0
B406	505	GEO_Eqn_6.12b_nls01	3240	-1.0	-63.0	-1.0	41.0	0.0	412.0
B406	505	GEO_Eqn_6.12b_nls01	3240	-1.0	17.0	-0.1	43.0	-0.1	412.0
B406	505	GEO_Eqn_6.12b_nls01	3600	-1.0	25.0	-0.1	43.0	-0.1	405.0
B406	505	GEO_Eqn_6.12b_nls01	3960	-1.0	33.0	-0.1	43.0	0.0	394.0
B406	505	GEO_Eqn_6.12b_nls01	4320	-1.0	41.0	-0.1	43.0	0.0	381.0
B406	505	GEO_Eqn_6.12b_nls01	4320	-0.4	135.0	-1.0	46.0	0.0	378.0
B406	505	GEO_Eqn_6.12b_nls01	4680	-0.4	143.0	-1.0	46.0	0.3	328.0
B406	505	GEO_Eqn_6.12b_nls01	5040	-0.5	151.0	-1.0	46.0	1.0	275.0
B406	505	GEO_Eqn_6.12b_nls01	5400	-0.5	159.0	-1.0	46.0	1.0	220.0
B406	505	GEO_Eqn_6.12b_nls01	5400	-2.0	-49.0	0.1	31.0	0.0	228.0
B406	505	GEO_Eqn_6.12b_nls01	5760	-2.0	-41.0	0.1	31.0	0.0	244.0
B406	505	GEO_Eqn_6.12b_nls01	6120	-2.0	-33.0	0.1	31.0	0.0	258.0
B406	505	GEO_Eqn_6.12b_nls01	6480	-2.0	-25.0	0.1	31.0	-0.1	268.0
B406	505	GEO_Eqn_6.12b_nls01	6480	-1.0	63.0	0.0	36.0	0.0	268.0
B406	505	GEO_Eqn_6.12b_nls01	6840	-1.0	71.0	0.0	36.0	0.0	244.0
B406	505	GEO_Eqn_6.12b_nls01	7200	-1.0	79.0	0.0	36.0	0.0	217.0
B406	505	GEO_Eqn_6.12b_nls01	7560	-1.0	87.0	0.0	36.0	0.0	188.0
B406	505	GEO_Eqn_6.12b_nls01	7560	0.3	174.0	0.1	40.0	0.1	187.0
B406	505	GEO_Eqn_6.12b_nls01	7920	0.3	182.0	0.1	40.0	0.0	123.0
B406	505	GEO_Eqn_6.12b_nls01	8280	0.3	190.0	0.1	40.0	0.0	56.0
B406	505	GEO_Eqn_6.12b_nls01	8640	0.3	198.0	0.1	40.0	0.0	-14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls01	8640	1.0	285.0	0.2	43.0	0.1	-16.0
B406	505	GEO_Eqn_6.12b_nls01	9000	1.0	293.0	0.2	43.0	0.0	-120.0
B406	505	GEO_Eqn_6.12b_nls01	9360	1.0	301.0	0.2	43.0	-0.1	-227.0
B406	505	GEO_Eqn_6.12b_nls01	9720	1.0	309.0	0.2	43.0	-0.1	-337.0
B406	505	GEO_Eqn_6.12b_nls01	9720	1.0	392.0	-0.1	41.0	0.0	-341.0
B406	505	GEO_Eqn_6.12b_nls01	10080	1.0	400.0	-0.1	41.0	0.0	-483.0
B406	505	GEO_Eqn_6.12b_nls01	10440	1.0	408.0	-0.1	41.0	0.0	-629.0
B406	505	GEO_Eqn_6.12b_nls01	10800	1.0	416.0	-0.1	41.0	0.1	-777.0
B406	505	GEO_Eqn_6.12b_nls01	10800	0.0	-475.0	0.0	18.0	0.0	-755.0
B406	505	GEO_Eqn_6.12b_nls01	11100	0.0	-468.0	0.0	18.0	0.0	-614.0
B406	505	GEO_Eqn_6.12b_nls01	11100	0.0	-382.0	0.0	10.0	0.0	-607.0
B406	505	GEO_Eqn_6.12b_nls01	11500	0.0	-373.0	0.0	10.0	0.0	-456.0
B406	505	GEO_Eqn_6.12b_nls01	11900	0.0	-364.0	0.0	10.0	0.0	-309.0
B406	505	GEO_Eqn_6.12b_nls01	12300	0.0	-355.0	0.0	10.0	0.0	-165.0
B406	505	GEO_Eqn_6.12b_nls01	12300	0.0	-179.0	0.0	-7.0	0.0	-160.0
B406	505	GEO_Eqn_6.12b_nls01	12525	0.0	-174.0	0.0	-7.0	0.0	-120.0
B406	505	GEO_Eqn_6.12b_nls01	12525	-25.0	-293.0	2.0	-2.0	4.0	-99.0
B406	505	GEO_Eqn_6.12b_nls01	12787.5	-25.0	-287.0	2.0	-2.0	3.0	-23.0
B406	505	GEO_Eqn_6.12b_nls01	13050	-25.0	-281.0	2.0	-2.0	3.0	52.0
B406	505	GEO_Eqn_6.12b_nls01	13050	3.0	-169.0	2.0	-1.0	1.0	78.0
B406	505	GEO_Eqn_6.12b_nls01	13312.5	3.0	-163.0	2.0	-1.0	1.0	122.0
B406	505	GEO_Eqn_6.12b_nls01	13575	3.0	-157.0	2.0	-1.0	0.3	164.0
B406	505	GEO_Eqn_6.12b_nls01	13575	18.0	-13.0	0.2	-4.0	-1.0	177.0
B406	505	GEO_Eqn_6.12b_nls01	13750	18.0	-9.0	0.2	-4.0	-1.0	179.0
B406	505	GEO_Eqn_6.12b_nls01	13750	25.0	-12.0	1.0	-15.0	-1.0	188.0
B406	505	GEO_Eqn_6.12b_nls01	14100	25.0	-4.0	1.0	-15.0	-1.0	191.0
B406	505	GEO_Eqn_6.12b_nls01	14100	31.0	37.0	2.0	-16.0	-3.0	190.0
B406	505	GEO_Eqn_6.12b_nls01	14362.5	31.0	43.0	2.0	-16.0	-3.0	179.0
B406	505	GEO_Eqn_6.12b_nls01	14625	31.0	49.0	2.0	-16.0	-4.0	167.0
B406	505	GEO_Eqn_6.12b_nls01	14625	22.0	41.0	1.0	-17.0	-5.0	157.0
B406	505	GEO_Eqn_6.12b_nls01	14975	22.0	49.0	1.0	-17.0	-5.0	141.0
B406	505	GEO_Eqn_6.12b_nls01	14975	4.0	19.0	-0.4	-25.0	-5.0	118.0
B406	505	GEO_Eqn_6.12b_nls01	15150	4.0	23.0	-0.4	-25.0	-4.0	114.0
B406	505	GEO_Eqn_6.12b_nls01	15150	-12.0	196.0	-4.0	-27.0	-2.0	97.0
B406	505	GEO_Eqn_6.12b_nls01	15412.5	-12.0	202.0	-4.0	-27.0	-1.0	45.0
B406	505	GEO_Eqn_6.12b_nls01	15675	-12.0	208.0	-4.0	-27.0	0.3	-9.0
B406	505	GEO_Eqn_6.12b_nls01	15675	-36.0	263.0	-4.0	-27.0	5.0	-38.0
B406	505	GEO_Eqn_6.12b_nls01	15937.5	-36.0	269.0	-4.0	-27.0	6.0	-108.0
B406	505	GEO_Eqn_6.12b_nls01	16200	-36.0	275.0	-4.0	-27.0	7.0	-179.0
B406	505	GEO_Eqn_6.12b_nls02	0	1.0	-228.0	3.0	35.0	2.0	-123.0
B406	505	GEO_Eqn_6.12b_nls02	360	1.0	-220.0	3.0	35.0	1.0	-42.0
B406	505	GEO_Eqn_6.12b_nls02	720	1.0	-212.0	3.0	35.0	0.1	36.0
B406	505	GEO_Eqn_6.12b_nls02	1080	1.0	-204.0	3.0	35.0	-1.0	110.0
B406	505	GEO_Eqn_6.12b_nls02	1080	1.0	-167.0	-0.2	38.0	-1.0	111.0
B406	505	GEO_Eqn_6.12b_nls02	1440	1.0	-159.0	-0.2	38.0	-1.0	170.0
B406	505	GEO_Eqn_6.12b_nls02	1800	1.0	-151.0	-0.2	38.0	-1.0	226.0
B406	505	GEO_Eqn_6.12b_nls02	2160	1.0	-143.0	-0.2	38.0	-1.0	279.0
B406	505	GEO_Eqn_6.12b_nls02	2160	-1.0	-71.0	-1.0	41.0	-1.0	279.0
B406	505	GEO_Eqn_6.12b_nls02	2520	-1.0	-62.0	-1.0	41.0	-0.4	303.0
B406	505	GEO_Eqn_6.12b_nls02	2880	-1.0	-54.0	-1.0	41.0	-0.2	324.0
B406	505	GEO_Eqn_6.12b_nls02	3240	-1.0	-46.0	-1.0	41.0	0.0	342.0
B406	505	GEO_Eqn_6.12b_nls02	3240	-1.0	33.0	-0.1	42.0	-0.1	342.0
B406	505	GEO_Eqn_6.12b_nls02	3600	-1.0	41.0	-0.1	42.0	-0.1	329.0
B406	505	GEO_Eqn_6.12b_nls02	3960	-1.0	49.0	-0.2	42.0	0.0	312.0
B406	505	GEO_Eqn_6.12b_nls02	4320	-1.0	57.0	-0.2	42.0	0.1	293.0
B406	505	GEO_Eqn_6.12b_nls02	4320	-0.3	150.0	-1.0	45.0	0.1	291.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls02	4680	-0.3	158.0	-1.0	45.0	0.3	235.0
B406	505	GEO_Eqn_6.12b_nls02	5040	-0.3	167.0	-1.0	45.0	1.0	176.0
B406	505	GEO_Eqn_6.12b_nls02	5400	-0.3	175.0	-1.0	45.0	1.0	115.0
B406	505	GEO_Eqn_6.12b_nls02	5400	-2.0	-109.0	-0.1	30.0	-0.2	112.0
B406	505	GEO_Eqn_6.12b_nls02	5760	-2.0	-101.0	-0.1	30.0	-0.1	150.0
B406	505	GEO_Eqn_6.12b_nls02	6120	-2.0	-93.0	-0.1	30.0	-0.1	185.0
B406	505	GEO_Eqn_6.12b_nls02	6480	-2.0	-85.0	-0.1	30.0	0.0	217.0
B406	505	GEO_Eqn_6.12b_nls02	6480	-1.0	2.0	0.1	34.0	0.1	218.0
B406	505	GEO_Eqn_6.12b_nls02	6840	-1.0	10.0	0.1	34.0	0.1	215.0
B406	505	GEO_Eqn_6.12b_nls02	7200	-1.0	18.0	0.1	34.0	0.1	210.0
B406	505	GEO_Eqn_6.12b_nls02	7560	-1.0	26.0	0.0	34.0	0.0	202.0
B406	505	GEO_Eqn_6.12b_nls02	7560	0.4	113.0	0.1	38.0	0.1	202.0
B406	505	GEO_Eqn_6.12b_nls02	7920	0.4	121.0	0.1	38.0	0.1	160.0
B406	505	GEO_Eqn_6.12b_nls02	8280	0.4	129.0	0.1	38.0	0.0	114.0
B406	505	GEO_Eqn_6.12b_nls02	8640	0.4	137.0	0.1	38.0	0.0	66.0
B406	505	GEO_Eqn_6.12b_nls02	8640	1.0	224.0	0.2	41.0	0.1	65.0
B406	505	GEO_Eqn_6.12b_nls02	9000	1.0	232.0	0.2	41.0	0.0	-17.0
B406	505	GEO_Eqn_6.12b_nls02	9360	1.0	240.0	0.2	41.0	0.0	-102.0
B406	505	GEO_Eqn_6.12b_nls02	9720	1.0	248.0	0.2	41.0	-0.1	-190.0
B406	505	GEO_Eqn_6.12b_nls02	9720	1.0	330.0	0.0	40.0	0.0	-193.0
B406	505	GEO_Eqn_6.12b_nls02	10080	1.0	338.0	0.0	40.0	0.0	-314.0
B406	505	GEO_Eqn_6.12b_nls02	10440	1.0	346.0	0.0	40.0	0.0	-437.0
B406	505	GEO_Eqn_6.12b_nls02	10800	1.0	354.0	0.0	40.0	0.0	-563.0
B406	505	GEO_Eqn_6.12b_nls02	10800	0.0	-462.0	0.0	14.0	0.0	-556.0
B406	505	GEO_Eqn_6.12b_nls02	11100	0.0	-455.0	0.0	14.0	0.0	-419.0
B406	505	GEO_Eqn_6.12b_nls02	11100	0.0	-347.0	0.0	7.0	0.0	-412.0
B406	505	GEO_Eqn_6.12b_nls02	11500	0.0	-338.0	0.0	7.0	0.0	-275.0
B406	505	GEO_Eqn_6.12b_nls02	11900	0.0	-329.0	0.0	7.0	0.0	-141.0
B406	505	GEO_Eqn_6.12b_nls02	12300	0.0	-320.0	0.0	7.0	0.0	-11.0
B406	505	GEO_Eqn_6.12b_nls02	12300	0.0	-134.0	0.0	-10.0	0.0	-8.0
B406	505	GEO_Eqn_6.12b_nls02	12525	0.0	-129.0	0.0	-10.0	0.0	21.0
B406	505	GEO_Eqn_6.12b_nls02	12525	-12.0	-238.0	2.0	-0.5	4.0	36.0
B406	505	GEO_Eqn_6.12b_nls02	12787.5	-12.0	-232.0	2.0	-0.5	3.0	97.0
B406	505	GEO_Eqn_6.12b_nls02	13050	-12.0	-226.0	2.0	-0.5	3.0	158.0
B406	505	GEO_Eqn_6.12b_nls02	13050	16.0	-104.0	2.0	0.1	1.0	177.0
B406	505	GEO_Eqn_6.12b_nls02	13312.5	16.0	-98.0	2.0	0.1	1.0	203.0
B406	505	GEO_Eqn_6.12b_nls02	13575	16.0	-93.0	2.0	0.1	0.4	228.0
B406	505	GEO_Eqn_6.12b_nls02	13575	27.0	-4.0	0.2	-3.0	-1.0	237.0
B406	505	GEO_Eqn_6.12b_nls02	13750	27.0	-0.1	0.2	-3.0	-1.0	237.0
B406	505	GEO_Eqn_6.12b_nls02	13750	31.0	14.0	1.0	-14.0	-1.0	232.0
B406	505	GEO_Eqn_6.12b_nls02	14100	31.0	22.0	1.0	-14.0	-1.0	226.0
B406	505	GEO_Eqn_6.12b_nls02	14100	32.0	85.0	2.0	-15.0	-3.0	217.0
B406	505	GEO_Eqn_6.12b_nls02	14362.5	32.0	91.0	2.0	-15.0	-3.0	194.0
B406	505	GEO_Eqn_6.12b_nls02	14625	32.0	97.0	2.0	-15.0	-4.0	169.0
B406	505	GEO_Eqn_6.12b_nls02	14625	17.0	59.0	1.0	-15.0	-5.0	154.0
B406	505	GEO_Eqn_6.12b_nls02	14975	17.0	67.0	1.0	-15.0	-5.0	132.0
B406	505	GEO_Eqn_6.12b_nls02	14975	-4.0	25.0	-0.4	-23.0	-5.0	99.0
B406	505	GEO_Eqn_6.12b_nls02	15150	-4.0	29.0	-0.4	-23.0	-5.0	94.0
B406	505	GEO_Eqn_6.12b_nls02	15150	-25.0	225.0	-4.0	-25.0	-2.0	74.0
B406	505	GEO_Eqn_6.12b_nls02	15412.5	-25.0	231.0	-4.0	-25.0	-1.0	14.0
B406	505	GEO_Eqn_6.12b_nls02	15675	-25.0	237.0	-4.0	-25.0	0.3	-47.0
B406	505	GEO_Eqn_6.12b_nls02	15675	-51.0	275.0	-4.0	-25.0	5.0	-78.0
B406	505	GEO_Eqn_6.12b_nls02	15937.5	-51.0	281.0	-4.0	-25.0	6.0	-151.0
B406	505	GEO_Eqn_6.12b_nls02	16200	-51.0	287.0	-4.0	-25.0	7.0	-226.0
B406	505	GEO_Eqn_6.12b_nls03	0	-1.0	-239.0	-2.0	-15.0	-2.0	43.0
B406	505	GEO_Eqn_6.12b_nls03	360	-1.0	-231.0	-2.0	-15.0	-1.0	128.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls03	720	-1.0	-223.0	-2.0	-15.0	-0.2	209.0
B406	505	GEO_Eqn_6.12b_nls03	1080	-1.0	-215.0	-2.0	-15.0	1.0	288.0
B406	505	GEO_Eqn_6.12b_nls03	1080	-1.0	-177.0	0.0	-13.0	1.0	289.0
B406	505	GEO_Eqn_6.12b_nls03	1440	-1.0	-169.0	0.0	-13.0	1.0	351.0
B406	505	GEO_Eqn_6.12b_nls03	1800	-1.0	-161.0	0.0	-13.0	1.0	410.0
B406	505	GEO_Eqn_6.12b_nls03	2160	-1.0	-153.0	0.0	-13.0	1.0	467.0
B406	505	GEO_Eqn_6.12b_nls03	2160	0.1	-77.0	0.4	-11.0	1.0	467.0
B406	505	GEO_Eqn_6.12b_nls03	2520	0.1	-69.0	0.4	-11.0	0.4	493.0
B406	505	GEO_Eqn_6.12b_nls03	2880	0.1	-61.0	0.4	-11.0	0.3	517.0
B406	505	GEO_Eqn_6.12b_nls03	3240	0.1	-53.0	0.4	-11.0	0.1	537.0
B406	505	GEO_Eqn_6.12b_nls03	3240	1.0	30.0	0.1	-13.0	0.3	537.0
B406	505	GEO_Eqn_6.12b_nls03	3600	1.0	38.0	0.1	-13.0	0.2	524.0
B406	505	GEO_Eqn_6.12b_nls03	3960	1.0	46.0	0.1	-13.0	0.2	509.0
B406	505	GEO_Eqn_6.12b_nls03	4320	1.0	55.0	0.1	-13.0	0.1	491.0
B406	505	GEO_Eqn_6.12b_nls03	4320	0.4	152.0	1.0	-14.0	0.1	488.0
B406	505	GEO_Eqn_6.12b_nls03	4680	0.4	160.0	1.0	-14.0	-0.3	432.0
B406	505	GEO_Eqn_6.12b_nls03	5040	0.4	168.0	1.0	-14.0	-1.0	373.0
B406	505	GEO_Eqn_6.12b_nls03	5400	0.4	176.0	1.0	-14.0	-1.0	311.0
B406	505	GEO_Eqn_6.12b_nls03	5400	1.0	20.0	-0.1	-3.0	0.0	337.0
B406	505	GEO_Eqn_6.12b_nls03	5760	1.0	28.0	-0.1	-3.0	0.0	328.0
B406	505	GEO_Eqn_6.12b_nls03	6120	1.0	36.0	-0.1	-3.0	0.1	317.0
B406	505	GEO_Eqn_6.12b_nls03	6480	1.0	44.0	-0.1	-3.0	0.1	302.0
B406	505	GEO_Eqn_6.12b_nls03	6480	0.4	136.0	0.0	-5.0	0.0	302.0
B406	505	GEO_Eqn_6.12b_nls03	6840	0.4	144.0	0.0	-5.0	0.0	252.0
B406	505	GEO_Eqn_6.12b_nls03	7200	0.4	152.0	0.0	-5.0	0.0	199.0
B406	505	GEO_Eqn_6.12b_nls03	7560	0.4	160.0	0.0	-5.0	-0.1	142.0
B406	505	GEO_Eqn_6.12b_nls03	7560	-0.2	251.0	-0.1	-9.0	-0.1	141.0
B406	505	GEO_Eqn_6.12b_nls03	7920	-0.2	259.0	-0.1	-9.0	0.0	49.0
B406	505	GEO_Eqn_6.12b_nls03	8280	-0.2	268.0	-0.1	-9.0	0.0	-46.0
B406	505	GEO_Eqn_6.12b_nls03	8640	-0.2	276.0	-0.1	-9.0	0.0	-143.0
B406	505	GEO_Eqn_6.12b_nls03	8640	-1.0	367.0	-0.1	-16.0	-0.1	-146.0
B406	505	GEO_Eqn_6.12b_nls03	9000	-1.0	375.0	-0.1	-16.0	0.0	-279.0
B406	505	GEO_Eqn_6.12b_nls03	9360	-1.0	383.0	-0.1	-16.0	0.0	-415.0
B406	505	GEO_Eqn_6.12b_nls03	9720	-1.0	391.0	-0.1	-16.0	0.1	-555.0
B406	505	GEO_Eqn_6.12b_nls03	9720	-1.0	477.0	0.0	-27.0	0.0	-559.0
B406	505	GEO_Eqn_6.12b_nls03	10080	-1.0	486.0	0.0	-27.0	0.0	-733.0
B406	505	GEO_Eqn_6.12b_nls03	10440	-1.0	494.0	0.0	-27.0	0.0	-909.0
B406	505	GEO_Eqn_6.12b_nls03	10800	-1.0	502.0	0.0	-27.0	0.0	-1088.0
B406	505	GEO_Eqn_6.12b_nls03	10800	0.0	-476.0	0.0	-7.0	0.0	-1044.0
B406	505	GEO_Eqn_6.12b_nls03	11100	0.0	-469.0	0.0	-7.0	0.0	-902.0
B406	505	GEO_Eqn_6.12b_nls03	11100	0.0	-417.0	0.0	-21.0	0.0	-896.0
B406	505	GEO_Eqn_6.12b_nls03	11500	0.0	-408.0	0.0	-21.0	0.0	-731.0
B406	505	GEO_Eqn_6.12b_nls03	11900	0.0	-399.0	0.0	-21.0	0.0	-570.0
B406	505	GEO_Eqn_6.12b_nls03	12300	0.0	-390.0	0.0	-21.0	0.0	-412.0
B406	505	GEO_Eqn_6.12b_nls03	12300	0.0	-248.0	0.0	-43.0	0.0	-404.0
B406	505	GEO_Eqn_6.12b_nls03	12525	0.0	-243.0	0.0	-43.0	0.0	-348.0
B406	505	GEO_Eqn_6.12b_nls03	12525	-98.0	-328.0	-2.0	14.0	-4.0	-321.0
B406	505	GEO_Eqn_6.12b_nls03	12787.5	-98.0	-322.0	-2.0	14.0	-4.0	-236.0
B406	505	GEO_Eqn_6.12b_nls03	13050	-98.0	-316.0	-2.0	14.0	-3.0	-152.0
B406	505	GEO_Eqn_6.12b_nls03	13050	-64.0	-272.0	-2.0	14.0	-1.0	-118.0
B406	505	GEO_Eqn_6.12b_nls03	13312.5	-64.0	-266.0	-2.0	14.0	-0.4	-48.0
B406	505	GEO_Eqn_6.12b_nls03	13575	-64.0	-260.0	-2.0	14.0	0.3	21.0
B406	505	GEO_Eqn_6.12b_nls03	13575	-31.0	-37.0	-0.2	12.0	2.0	44.0
B406	505	GEO_Eqn_6.12b_nls03	13750	-31.0	-33.0	-0.2	12.0	2.0	50.0
B406	505	GEO_Eqn_6.12b_nls03	13750	-8.0	-82.0	-1.0	1.0	1.0	95.0
B406	505	GEO_Eqn_6.12b_nls03	14100	-8.0	-75.0	-1.0	1.0	1.0	123.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls03	14100	21.0	-168.0	-2.0	0.3	2.0	144.0
B406	505	GEO_Eqn_6.12b_nls03	14362.5	21.0	-162.0	-2.0	0.3	3.0	187.0
B406	505	GEO_Eqn_6.12b_nls03	14625	21.0	-156.0	-2.0	0.3	3.0	229.0
B406	505	GEO_Eqn_6.12b_nls03	14625	40.0	-89.0	-1.0	0.3	5.0	253.0
B406	505	GEO_Eqn_6.12b_nls03	14975	40.0	-81.0	-1.0	0.3	5.0	283.0
B406	505	GEO_Eqn_6.12b_nls03	14975	48.0	-25.0	0.5	-5.0	5.0	324.0
B406	505	GEO_Eqn_6.12b_nls03	15150	48.0	-21.0	0.5	-5.0	5.0	328.0
B406	505	GEO_Eqn_6.12b_nls03	15150	59.0	-171.0	4.0	-6.0	2.0	339.0
B406	505	GEO_Eqn_6.12b_nls03	15412.5	59.0	-166.0	4.0	-6.0	1.0	383.0
B406	505	GEO_Eqn_6.12b_nls03	15675	59.0	-160.0	4.0	-6.0	-0.2	426.0
B406	505	GEO_Eqn_6.12b_nls03	15675	54.0	-129.0	4.0	-5.0	-5.0	445.0
B406	505	GEO_Eqn_6.12b_nls03	15937.5	54.0	-123.0	4.0	-5.0	-6.0	478.0
B406	505	GEO_Eqn_6.12b_nls03	16200	54.0	-117.0	4.0	-5.0	-7.0	510.0
B406	505	GEO_Eqn_6.12b_nls04	0	-1.0	-205.0	-3.0	-13.0	-2.0	12.0
B406	505	GEO_Eqn_6.12b_nls04	360	-1.0	-197.0	-3.0	-13.0	-1.0	84.0
B406	505	GEO_Eqn_6.12b_nls04	720	-1.0	-189.0	-3.0	-13.0	-0.2	154.0
B406	505	GEO_Eqn_6.12b_nls04	1080	-1.0	-180.0	-3.0	-13.0	1.0	220.0
B406	505	GEO_Eqn_6.12b_nls04	1080	-1.0	-142.0	0.0	-11.0	1.0	221.0
B406	505	GEO_Eqn_6.12b_nls04	1440	-1.0	-134.0	0.0	-11.0	1.0	271.0
B406	505	GEO_Eqn_6.12b_nls04	1800	-1.0	-126.0	0.0	-11.0	1.0	317.0
B406	505	GEO_Eqn_6.12b_nls04	2160	-1.0	-118.0	0.0	-11.0	1.0	361.0
B406	505	GEO_Eqn_6.12b_nls04	2160	0.1	-42.0	0.4	-10.0	1.0	362.0
B406	505	GEO_Eqn_6.12b_nls04	2520	0.1	-34.0	0.4	-10.0	0.4	376.0
B406	505	GEO_Eqn_6.12b_nls04	2880	0.1	-26.0	0.4	-10.0	0.3	387.0
B406	505	GEO_Eqn_6.12b_nls04	3240	0.1	-18.0	0.4	-10.0	0.2	395.0
B406	505	GEO_Eqn_6.12b_nls04	3240	1.0	64.0	0.1	-14.0	0.3	394.0
B406	505	GEO_Eqn_6.12b_nls04	3600	1.0	72.0	0.1	-14.0	0.3	370.0
B406	505	GEO_Eqn_6.12b_nls04	3960	1.0	80.0	0.1	-14.0	0.2	342.0
B406	505	GEO_Eqn_6.12b_nls04	4320	1.0	88.0	0.1	-14.0	0.2	312.0
B406	505	GEO_Eqn_6.12b_nls04	4320	1.0	185.0	1.0	-17.0	0.2	309.0
B406	505	GEO_Eqn_6.12b_nls04	4680	1.0	193.0	1.0	-17.0	-0.3	241.0
B406	505	GEO_Eqn_6.12b_nls04	5040	1.0	201.0	1.0	-17.0	-1.0	170.0
B406	505	GEO_Eqn_6.12b_nls04	5400	1.0	209.0	1.0	-17.0	-1.0	96.0
B406	505	GEO_Eqn_6.12b_nls04	5400	2.0	-105.0	-0.5	-5.0	-0.3	99.0
B406	505	GEO_Eqn_6.12b_nls04	5760	2.0	-97.0	-0.5	-5.0	-0.1	136.0
B406	505	GEO_Eqn_6.12b_nls04	6120	2.0	-89.0	-0.5	-5.0	0.0	169.0
B406	505	GEO_Eqn_6.12b_nls04	6480	2.0	-81.0	-0.5	-5.0	0.2	200.0
B406	505	GEO_Eqn_6.12b_nls04	6480	1.0	10.0	0.1	-9.0	0.1	200.0
B406	505	GEO_Eqn_6.12b_nls04	6840	1.0	18.0	0.1	-9.0	0.1	195.0
B406	505	GEO_Eqn_6.12b_nls04	7200	1.0	26.0	0.1	-9.0	0.0	187.0
B406	505	GEO_Eqn_6.12b_nls04	7560	1.0	34.0	0.1	-9.0	0.0	176.0
B406	505	GEO_Eqn_6.12b_nls04	7560	0.1	125.0	-0.1	-14.0	0.0	175.0
B406	505	GEO_Eqn_6.12b_nls04	7920	0.1	133.0	-0.1	-14.0	0.0	129.0
B406	505	GEO_Eqn_6.12b_nls04	8280	0.1	141.0	-0.1	-14.0	0.0	79.0
B406	505	GEO_Eqn_6.12b_nls04	8640	0.1	149.0	-0.1	-14.0	0.0	27.0
B406	505	GEO_Eqn_6.12b_nls04	8640	-1.0	240.0	-0.2	-21.0	0.0	26.0
B406	505	GEO_Eqn_6.12b_nls04	9000	-1.0	248.0	-0.2	-21.0	0.0	-62.0
B406	505	GEO_Eqn_6.12b_nls04	9360	-1.0	256.0	-0.2	-21.0	0.1	-153.0
B406	505	GEO_Eqn_6.12b_nls04	9720	-1.0	264.0	-0.2	-21.0	0.2	-247.0
B406	505	GEO_Eqn_6.12b_nls04	9720	-2.0	350.0	0.3	-32.0	0.1	-250.0
B406	505	GEO_Eqn_6.12b_nls04	10080	-2.0	358.0	0.3	-32.0	0.0	-378.0
B406	505	GEO_Eqn_6.12b_nls04	10440	-2.0	366.0	0.3	-32.0	-0.1	-508.0
B406	505	GEO_Eqn_6.12b_nls04	10800	-2.0	374.0	0.3	-32.0	-0.2	-642.0
B406	505	GEO_Eqn_6.12b_nls04	10800	0.0	-435.0	0.0	-13.0	0.0	-626.0
B406	505	GEO_Eqn_6.12b_nls04	11100	0.0	-428.0	0.0	-13.0	0.0	-497.0
B406	505	GEO_Eqn_6.12b_nls04	11100	0.0	-326.0	0.0	-27.0	0.0	-490.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls04	11500	0.0	-317.0	0.0	-27.0	0.0	-361.0
B406	505	GEO_Eqn_6.12b_nls04	11900	0.0	-308.0	0.0	-27.0	0.0	-236.0
B406	505	GEO_Eqn_6.12b_nls04	12300	0.0	-299.0	0.0	-27.0	0.0	-115.0
B406	505	GEO_Eqn_6.12b_nls04	12300	0.0	-147.0	0.0	-49.0	0.0	-111.0
B406	505	GEO_Eqn_6.12b_nls04	12525	0.0	-142.0	0.0	-49.0	0.0	-78.0
B406	505	GEO_Eqn_6.12b_nls04	12525	-64.0	-212.0	-2.0	13.0	-4.0	-64.0
B406	505	GEO_Eqn_6.12b_nls04	12787.5	-64.0	-206.0	-2.0	13.0	-4.0	-9.0
B406	505	GEO_Eqn_6.12b_nls04	13050	-64.0	-200.0	-2.0	13.0	-3.0	44.0
B406	505	GEO_Eqn_6.12b_nls04	13050	-33.0	-142.0	-3.0	14.0	-1.0	63.0
B406	505	GEO_Eqn_6.12b_nls04	13312.5	-33.0	-136.0	-3.0	14.0	-0.3	100.0
B406	505	GEO_Eqn_6.12b_nls04	13575	-33.0	-131.0	-3.0	14.0	0.4	135.0
B406	505	GEO_Eqn_6.12b_nls04	13575	-11.0	-19.0	-0.2	11.0	2.0	148.0
B406	505	GEO_Eqn_6.12b_nls04	13750	-11.0	-15.0	-0.2	11.0	2.0	150.0
B406	505	GEO_Eqn_6.12b_nls04	13750	5.0	-31.0	-0.5	1.0	1.0	169.0
B406	505	GEO_Eqn_6.12b_nls04	14100	5.0	-23.0	-0.5	1.0	1.0	178.0
B406	505	GEO_Eqn_6.12b_nls04	14100	22.0	-78.0	-1.0	-0.3	3.0	186.0
B406	505	GEO_Eqn_6.12b_nls04	14362.5	22.0	-72.0	-1.0	-0.3	3.0	205.0
B406	505	GEO_Eqn_6.12b_nls04	14625	22.0	-66.0	-1.0	-0.3	3.0	224.0
B406	505	GEO_Eqn_6.12b_nls04	14625	27.0	-57.0	-0.4	-0.3	4.0	238.0
B406	505	GEO_Eqn_6.12b_nls04	14975	27.0	-49.0	-0.4	-0.3	4.0	256.0
B406	505	GEO_Eqn_6.12b_nls04	14975	29.0	-14.0	0.4	-5.0	5.0	281.0
B406	505	GEO_Eqn_6.12b_nls04	15150	29.0	-10.0	0.4	-5.0	5.0	283.0
B406	505	GEO_Eqn_6.12b_nls04	15150	29.0	-130.0	4.0	-6.0	2.0	291.0
B406	505	GEO_Eqn_6.12b_nls04	15412.5	29.0	-124.0	4.0	-6.0	1.0	324.0
B406	505	GEO_Eqn_6.12b_nls04	15675	29.0	-119.0	4.0	-6.0	-0.2	356.0
B406	505	GEO_Eqn_6.12b_nls04	15675	19.0	-126.0	4.0	-6.0	-5.0	373.0
B406	505	GEO_Eqn_6.12b_nls04	15937.5	19.0	-120.0	4.0	-6.0	-5.0	405.0
B406	505	GEO_Eqn_6.12b_nls04	16200	19.0	-114.0	4.0	-6.0	-6.0	436.0
B406	505	GEO_Eqn_6.12b_nls05	0	2.0	-249.0	3.0	32.0	3.0	-109.0
B406	505	GEO_Eqn_6.12b_nls05	360	2.0	-241.0	3.0	32.0	1.0	-21.0
B406	505	GEO_Eqn_6.12b_nls05	720	2.0	-233.0	3.0	32.0	0.2	64.0
B406	505	GEO_Eqn_6.12b_nls05	1080	2.0	-225.0	3.0	32.0	-1.0	147.0
B406	505	GEO_Eqn_6.12b_nls05	1080	1.0	-189.0	-0.2	35.0	-1.0	148.0
B406	505	GEO_Eqn_6.12b_nls05	1440	1.0	-181.0	-0.2	35.0	-1.0	214.0
B406	505	GEO_Eqn_6.12b_nls05	1800	1.0	-173.0	-0.2	35.0	-1.0	278.0
B406	505	GEO_Eqn_6.12b_nls05	2160	1.0	-165.0	-0.2	35.0	-1.0	339.0
B406	505	GEO_Eqn_6.12b_nls05	2160	-1.0	-92.0	-1.0	39.0	-1.0	339.0
B406	505	GEO_Eqn_6.12b_nls05	2520	-1.0	-84.0	-1.0	39.0	-0.5	371.0
B406	505	GEO_Eqn_6.12b_nls05	2880	-1.0	-76.0	-1.0	39.0	-0.2	400.0
B406	505	GEO_Eqn_6.12b_nls05	3240	-1.0	-68.0	-1.0	39.0	0.0	426.0
B406	505	GEO_Eqn_6.12b_nls05	3240	-1.0	11.0	-0.1	41.0	-0.1	426.0
B406	505	GEO_Eqn_6.12b_nls05	3600	-1.0	19.0	-0.1	41.0	-0.1	420.0
B406	505	GEO_Eqn_6.12b_nls05	3960	-1.0	28.0	-0.1	41.0	0.0	412.0
B406	505	GEO_Eqn_6.12b_nls05	4320	-1.0	36.0	-0.1	41.0	0.0	400.0
B406	505	GEO_Eqn_6.12b_nls05	4320	-0.4	129.0	-1.0	44.0	0.0	398.0
B406	505	GEO_Eqn_6.12b_nls05	4680	-0.5	137.0	-1.0	44.0	0.3	350.0
B406	505	GEO_Eqn_6.12b_nls05	5040	-0.5	145.0	-1.0	44.0	1.0	299.0
B406	505	GEO_Eqn_6.12b_nls05	5400	-0.5	153.0	-1.0	44.0	1.0	245.0
B406	505	GEO_Eqn_6.12b_nls05	5400	-2.0	-37.0	0.1	28.0	0.0	255.0
B406	505	GEO_Eqn_6.12b_nls05	5760	-2.0	-29.0	0.1	28.0	0.0	267.0
B406	505	GEO_Eqn_6.12b_nls05	6120	-2.0	-21.0	0.1	28.0	-0.1	276.0
B406	505	GEO_Eqn_6.12b_nls05	6480	-2.0	-12.0	0.1	28.0	-0.1	282.0
B406	505	GEO_Eqn_6.12b_nls05	6480	-1.0	75.0	0.0	33.0	0.0	282.0
B406	505	GEO_Eqn_6.12b_nls05	6840	-1.0	83.0	0.0	33.0	0.0	253.0
B406	505	GEO_Eqn_6.12b_nls05	7200	-1.0	91.0	0.0	33.0	0.0	222.0
B406	505	GEO_Eqn_6.12b_nls05	7560	-1.0	99.0	0.0	33.0	0.0	188.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls05	7560	0.3	187.0	0.1	38.0	0.1	187.0
B406	505	GEO_Eqn_6.12b_nls05	7920	0.3	195.0	0.1	38.0	0.1	118.0
B406	505	GEO_Eqn_6.12b_nls05	8280	0.3	203.0	0.1	38.0	0.0	47.0
B406	505	GEO_Eqn_6.12b_nls05	8640	0.3	211.0	0.1	38.0	0.0	-28.0
B406	505	GEO_Eqn_6.12b_nls05	8640	1.0	298.0	0.2	41.0	0.1	-30.0
B406	505	GEO_Eqn_6.12b_nls05	9000	1.0	306.0	0.2	41.0	0.0	-138.0
B406	505	GEO_Eqn_6.12b_nls05	9360	1.0	314.0	0.2	41.0	-0.1	-250.0
B406	505	GEO_Eqn_6.12b_nls05	9720	1.0	322.0	0.2	41.0	-0.1	-364.0
B406	505	GEO_Eqn_6.12b_nls05	9720	2.0	404.0	-0.1	39.0	0.0	-368.0
B406	505	GEO_Eqn_6.12b_nls05	10080	2.0	412.0	-0.1	39.0	0.0	-515.0
B406	505	GEO_Eqn_6.12b_nls05	10440	2.0	421.0	-0.1	39.0	0.0	-665.0
B406	505	GEO_Eqn_6.12b_nls05	10800	2.0	429.0	-0.1	39.0	0.1	-818.0
B406	505	GEO_Eqn_6.12b_nls05	10800	0.0	-480.0	0.0	15.0	0.0	-795.0
B406	505	GEO_Eqn_6.12b_nls05	11100	0.0	-473.0	0.0	15.0	0.0	-652.0
B406	505	GEO_Eqn_6.12b_nls05	11100	0.0	-396.0	0.0	7.0	0.0	-645.0
B406	505	GEO_Eqn_6.12b_nls05	11500	0.0	-387.0	0.0	7.0	0.0	-488.0
B406	505	GEO_Eqn_6.12b_nls05	11900	0.0	-378.0	0.0	7.0	0.0	-335.0
B406	505	GEO_Eqn_6.12b_nls05	12300	0.0	-369.0	0.0	7.0	0.0	-186.0
B406	505	GEO_Eqn_6.12b_nls05	12300	0.0	-191.0	0.0	-10.0	0.0	-181.0
B406	505	GEO_Eqn_6.12b_nls05	12525	0.0	-186.0	0.0	-10.0	0.0	-138.0
B406	505	GEO_Eqn_6.12b_nls05	12525	-31.0	-302.0	1.0	-5.0	4.0	-116.0
B406	505	GEO_Eqn_6.12b_nls05	12787.5	-31.0	-296.0	1.0	-5.0	3.0	-38.0
B406	505	GEO_Eqn_6.12b_nls05	13050	-31.0	-290.0	1.0	-5.0	3.0	39.0
B406	505	GEO_Eqn_6.12b_nls05	13050	-3.0	-180.0	2.0	-4.0	1.0	67.0
B406	505	GEO_Eqn_6.12b_nls05	13312.5	-3.0	-174.0	2.0	-4.0	1.0	113.0
B406	505	GEO_Eqn_6.12b_nls05	13575	-3.0	-168.0	2.0	-4.0	0.3	158.0
B406	505	GEO_Eqn_6.12b_nls05	13575	15.0	-15.0	0.2	-7.0	-1.0	172.0
B406	505	GEO_Eqn_6.12b_nls05	13750	15.0	-11.0	0.2	-7.0	-1.0	175.0
B406	505	GEO_Eqn_6.12b_nls05	13750	23.0	-18.0	1.0	-18.0	-1.0	186.0
B406	505	GEO_Eqn_6.12b_nls05	14100	23.0	-10.0	1.0	-18.0	-1.0	191.0
B406	505	GEO_Eqn_6.12b_nls05	14100	31.0	25.0	1.0	-19.0	-3.0	191.0
B406	505	GEO_Eqn_6.12b_nls05	14362.5	31.0	31.0	1.0	-19.0	-3.0	184.0
B406	505	GEO_Eqn_6.12b_nls05	14625	31.0	37.0	1.0	-19.0	-3.0	175.0
B406	505	GEO_Eqn_6.12b_nls05	14625	24.0	35.0	1.0	-20.0	-4.0	167.0
B406	505	GEO_Eqn_6.12b_nls05	14975	24.0	42.0	1.0	-20.0	-5.0	153.0
B406	505	GEO_Eqn_6.12b_nls05	14975	8.0	17.0	-0.4	-27.0	-4.0	133.0
B406	505	GEO_Eqn_6.12b_nls05	15150	8.0	21.0	-0.4	-27.0	-4.0	130.0
B406	505	GEO_Eqn_6.12b_nls05	15150	-7.0	181.0	-3.0	-29.0	-2.0	114.0
B406	505	GEO_Eqn_6.12b_nls05	15412.5	-7.0	187.0	-3.0	-29.0	-1.0	65.0
B406	505	GEO_Eqn_6.12b_nls05	15675	-7.0	193.0	-4.0	-29.0	0.3	16.0
B406	505	GEO_Eqn_6.12b_nls05	15675	-30.0	251.0	-3.0	-29.0	4.0	-12.0
B406	505	GEO_Eqn_6.12b_nls05	15937.5	-30.0	257.0	-3.0	-29.0	5.0	-78.0
B406	505	GEO_Eqn_6.12b_nls05	16200	-30.0	263.0	-3.0	-29.0	6.0	-146.0
B406	505	GEO_Eqn_6.12b_nls06	0	1.0	-217.0	3.0	35.0	3.0	-145.0
B406	505	GEO_Eqn_6.12b_nls06	360	1.0	-209.0	3.0	35.0	1.0	-68.0
B406	505	GEO_Eqn_6.12b_nls06	720	1.0	-201.0	3.0	35.0	0.2	6.0
B406	505	GEO_Eqn_6.12b_nls06	1080	1.0	-193.0	3.0	35.0	-1.0	76.0
B406	505	GEO_Eqn_6.12b_nls06	1080	1.0	-156.0	-0.3	38.0	-1.0	77.0
B406	505	GEO_Eqn_6.12b_nls06	1440	1.0	-148.0	-0.3	38.0	-1.0	132.0
B406	505	GEO_Eqn_6.12b_nls06	1800	1.0	-140.0	-0.3	38.0	-1.0	184.0
B406	505	GEO_Eqn_6.12b_nls06	2160	1.0	-132.0	-0.3	38.0	-1.0	232.0
B406	505	GEO_Eqn_6.12b_nls06	2160	-1.0	-60.0	-1.0	40.0	-1.0	233.0
B406	505	GEO_Eqn_6.12b_nls06	2520	-1.0	-51.0	-1.0	40.0	-0.5	253.0
B406	505	GEO_Eqn_6.12b_nls06	2880	-1.0	-43.0	-1.0	40.0	-0.2	270.0
B406	505	GEO_Eqn_6.12b_nls06	3240	-1.0	-35.0	-1.0	40.0	0.0	284.0
B406	505	GEO_Eqn_6.12b_nls06	3240	-1.0	44.0	-0.2	41.0	-0.1	284.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls06	3600	-1.0	52.0	-0.2	41.0	0.0	267.0
B406	505	GEO_Eqn_6.12b_nls06	3960	-1.0	60.0	-0.2	41.0	0.0	247.0
B406	505	GEO_Eqn_6.12b_nls06	4320	-1.0	68.0	-0.2	41.0	0.1	224.0
B406	505	GEO_Eqn_6.12b_nls06	4320	-0.1	160.0	-1.0	42.0	0.2	221.0
B406	505	GEO_Eqn_6.12b_nls06	4680	-0.1	168.0	-1.0	42.0	0.4	162.0
B406	505	GEO_Eqn_6.12b_nls06	5040	-0.1	177.0	-1.0	42.0	1.0	100.0
B406	505	GEO_Eqn_6.12b_nls06	5400	-0.1	185.0	-1.0	42.0	1.0	35.0
B406	505	GEO_Eqn_6.12b_nls06	5400	-2.0	-158.0	-0.3	26.0	-0.3	22.0
B406	505	GEO_Eqn_6.12b_nls06	5760	-2.0	-150.0	-0.3	26.0	-0.2	77.0
B406	505	GEO_Eqn_6.12b_nls06	6120	-2.0	-142.0	-0.3	26.0	-0.1	130.0
B406	505	GEO_Eqn_6.12b_nls06	6480	-2.0	-134.0	-0.3	26.0	0.0	179.0
B406	505	GEO_Eqn_6.12b_nls06	6480	-1.0	-47.0	0.1	30.0	0.2	180.0
B406	505	GEO_Eqn_6.12b_nls06	6840	-1.0	-39.0	0.1	30.0	0.1	195.0
B406	505	GEO_Eqn_6.12b_nls06	7200	-1.0	-31.0	0.1	30.0	0.1	208.0
B406	505	GEO_Eqn_6.12b_nls06	7560	-1.0	-23.0	0.1	30.0	0.1	217.0
B406	505	GEO_Eqn_6.12b_nls06	7560	1.0	64.0	0.1	34.0	0.1	217.0
B406	505	GEO_Eqn_6.12b_nls06	7920	1.0	72.0	0.1	34.0	0.1	193.0
B406	505	GEO_Eqn_6.12b_nls06	8280	1.0	80.0	0.1	34.0	0.0	165.0
B406	505	GEO_Eqn_6.12b_nls06	8640	1.0	88.0	0.1	34.0	0.0	135.0
B406	505	GEO_Eqn_6.12b_nls06	8640	1.0	174.0	0.1	37.0	0.1	134.0
B406	505	GEO_Eqn_6.12b_nls06	9000	1.0	182.0	0.1	37.0	0.1	70.0
B406	505	GEO_Eqn_6.12b_nls06	9360	1.0	190.0	0.1	37.0	0.0	3.0
B406	505	GEO_Eqn_6.12b_nls06	9720	1.0	198.0	0.1	37.0	0.0	-67.0
B406	505	GEO_Eqn_6.12b_nls06	9720	1.0	280.0	0.2	35.0	0.0	-71.0
B406	505	GEO_Eqn_6.12b_nls06	10080	1.0	288.0	0.2	35.0	0.0	-173.0
B406	505	GEO_Eqn_6.12b_nls06	10440	1.0	296.0	0.2	35.0	-0.1	-278.0
B406	505	GEO_Eqn_6.12b_nls06	10800	1.0	305.0	0.2	35.0	-0.2	-386.0
B406	505	GEO_Eqn_6.12b_nls06	10800	0.0	-454.0	0.0	9.0	0.0	-393.0
B406	505	GEO_Eqn_6.12b_nls06	11100	0.0	-447.0	0.0	9.0	0.0	-258.0
B406	505	GEO_Eqn_6.12b_nls06	11100	0.0	-324.0	0.0	1.0	0.0	-250.0
B406	505	GEO_Eqn_6.12b_nls06	11500	0.0	-315.0	0.0	1.0	0.0	-123.0
B406	505	GEO_Eqn_6.12b_nls06	11900	0.0	-306.0	0.0	1.0	0.0	1.0
B406	505	GEO_Eqn_6.12b_nls06	12300	0.0	-297.0	0.0	1.0	0.0	122.0
B406	505	GEO_Eqn_6.12b_nls06	12300	0.0	-99.0	0.0	-15.0	0.0	123.0
B406	505	GEO_Eqn_6.12b_nls06	12525	0.0	-94.0	0.0	-15.0	0.0	145.0
B406	505	GEO_Eqn_6.12b_nls06	12525	-8.0	-191.0	1.0	-1.0	4.0	154.0
B406	505	GEO_Eqn_6.12b_nls06	12787.5	-8.0	-185.0	1.0	-1.0	3.0	204.0
B406	505	GEO_Eqn_6.12b_nls06	13050	-8.0	-179.0	1.0	-1.0	3.0	251.0
B406	505	GEO_Eqn_6.12b_nls06	13050	22.0	-50.0	2.0	-1.0	1.0	264.0
B406	505	GEO_Eqn_6.12b_nls06	13312.5	22.0	-44.0	2.0	-1.0	1.0	276.0
B406	505	GEO_Eqn_6.12b_nls06	13575	22.0	-38.0	2.0	-1.0	0.3	287.0
B406	505	GEO_Eqn_6.12b_nls06	13575	32.0	3.0	0.2	-4.0	-1.0	291.0
B406	505	GEO_Eqn_6.12b_nls06	13750	32.0	7.0	0.2	-4.0	-1.0	290.0
B406	505	GEO_Eqn_6.12b_nls06	13750	36.0	36.0	1.0	-14.0	-1.0	274.0
B406	505	GEO_Eqn_6.12b_nls06	14100	36.0	44.0	1.0	-14.0	-1.0	260.0
B406	505	GEO_Eqn_6.12b_nls06	14100	34.0	122.0	2.0	-16.0	-2.0	246.0
B406	505	GEO_Eqn_6.12b_nls06	14362.5	34.0	128.0	2.0	-16.0	-3.0	213.0
B406	505	GEO_Eqn_6.12b_nls06	14625	34.0	133.0	2.0	-16.0	-3.0	179.0
B406	505	GEO_Eqn_6.12b_nls06	14625	16.0	72.0	1.0	-16.0	-5.0	159.0
B406	505	GEO_Eqn_6.12b_nls06	14975	16.0	79.0	1.0	-16.0	-5.0	133.0
B406	505	GEO_Eqn_6.12b_nls06	14975	-7.0	29.0	-0.4	-24.0	-4.0	94.0
B406	505	GEO_Eqn_6.12b_nls06	15150	-7.0	33.0	-0.4	-24.0	-4.0	88.0
B406	505	GEO_Eqn_6.12b_nls06	15150	-31.0	239.0	-4.0	-26.0	-2.0	67.0
B406	505	GEO_Eqn_6.12b_nls06	15412.5	-31.0	245.0	-4.0	-26.0	-1.0	4.0
B406	505	GEO_Eqn_6.12b_nls06	15675	-31.0	251.0	-4.0	-26.0	0.3	-62.0
B406	505	GEO_Eqn_6.12b_nls06	15675	-60.0	275.0	-3.0	-25.0	4.0	-93.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls06	15937.5	-60.0	281.0	-3.0	-25.0	5.0	-166.0
B406	505	GEO_Eqn_6.12b_nls06	16200	-60.0	287.0	-3.0	-25.0	6.0	-241.0
B406	505	GEO_Eqn_6.12b_nls07	0	-1.0	-232.0	-3.0	-12.0	-2.0	45.0
B406	505	GEO_Eqn_6.12b_nls07	360	-1.0	-224.0	-3.0	-12.0	-1.0	127.0
B406	505	GEO_Eqn_6.12b_nls07	720	-1.0	-216.0	-3.0	-12.0	-0.2	206.0
B406	505	GEO_Eqn_6.12b_nls07	1080	-1.0	-208.0	-3.0	-12.0	1.0	283.0
B406	505	GEO_Eqn_6.12b_nls07	1080	-1.0	-170.0	0.0	-10.0	1.0	284.0
B406	505	GEO_Eqn_6.12b_nls07	1440	-1.0	-162.0	0.0	-10.0	1.0	343.0
B406	505	GEO_Eqn_6.12b_nls07	1800	-1.0	-154.0	0.0	-10.0	1.0	400.0
B406	505	GEO_Eqn_6.12b_nls07	2160	-1.0	-146.0	0.0	-10.0	1.0	454.0
B406	505	GEO_Eqn_6.12b_nls07	2160	0.1	-70.0	0.4	-9.0	1.0	455.0
B406	505	GEO_Eqn_6.12b_nls07	2520	0.1	-62.0	0.4	-9.0	0.5	479.0
B406	505	GEO_Eqn_6.12b_nls07	2880	0.1	-54.0	0.4	-9.0	0.3	500.0
B406	505	GEO_Eqn_6.12b_nls07	3240	0.1	-46.0	0.4	-9.0	0.2	518.0
B406	505	GEO_Eqn_6.12b_nls07	3240	1.0	37.0	0.1	-10.0	0.3	517.0
B406	505	GEO_Eqn_6.12b_nls07	3600	1.0	45.0	0.1	-10.0	0.2	503.0
B406	505	GEO_Eqn_6.12b_nls07	3960	1.0	53.0	0.1	-10.0	0.2	485.0
B406	505	GEO_Eqn_6.12b_nls07	4320	1.0	61.0	0.1	-10.0	0.1	464.0
B406	505	GEO_Eqn_6.12b_nls07	4320	0.4	159.0	1.0	-11.0	0.1	461.0
B406	505	GEO_Eqn_6.12b_nls07	4680	0.4	167.0	1.0	-11.0	-0.3	403.0
B406	505	GEO_Eqn_6.12b_nls07	5040	0.4	175.0	1.0	-11.0	-1.0	341.0
B406	505	GEO_Eqn_6.12b_nls07	5400	0.4	183.0	1.0	-11.0	-1.0	276.0
B406	505	GEO_Eqn_6.12b_nls07	5400	2.0	2.0	-0.1	1.0	0.0	300.0
B406	505	GEO_Eqn_6.12b_nls07	5760	2.0	10.0	-0.1	1.0	0.0	298.0
B406	505	GEO_Eqn_6.12b_nls07	6120	2.0	18.0	-0.1	1.0	0.1	293.0
B406	505	GEO_Eqn_6.12b_nls07	6480	2.0	26.0	-0.1	1.0	0.1	285.0
B406	505	GEO_Eqn_6.12b_nls07	6480	1.0	118.0	0.0	-2.0	0.0	285.0
B406	505	GEO_Eqn_6.12b_nls07	6840	1.0	126.0	0.0	-2.0	0.0	241.0
B406	505	GEO_Eqn_6.12b_nls07	7200	1.0	134.0	0.0	-2.0	0.0	194.0
B406	505	GEO_Eqn_6.12b_nls07	7560	1.0	142.0	0.0	-2.0	-0.1	144.0
B406	505	GEO_Eqn_6.12b_nls07	7560	-0.2	234.0	-0.1	-6.0	-0.1	143.0
B406	505	GEO_Eqn_6.12b_nls07	7920	-0.2	242.0	-0.1	-6.0	-0.1	58.0
B406	505	GEO_Eqn_6.12b_nls07	8280	-0.2	250.0	-0.1	-6.0	0.0	-31.0
B406	505	GEO_Eqn_6.12b_nls07	8640	-0.2	258.0	-0.1	-6.0	0.0	-122.0
B406	505	GEO_Eqn_6.12b_nls07	8640	-1.0	349.0	-0.1	-12.0	-0.1	-124.0
B406	505	GEO_Eqn_6.12b_nls07	9000	-1.0	357.0	-0.1	-12.0	0.0	-251.0
B406	505	GEO_Eqn_6.12b_nls07	9360	-1.0	365.0	-0.1	-12.0	0.0	-381.0
B406	505	GEO_Eqn_6.12b_nls07	9720	-1.0	373.0	-0.1	-12.0	0.1	-514.0
B406	505	GEO_Eqn_6.12b_nls07	9720	-1.0	459.0	0.0	-24.0	0.0	-519.0
B406	505	GEO_Eqn_6.12b_nls07	10080	-1.0	467.0	0.0	-24.0	0.0	-685.0
B406	505	GEO_Eqn_6.12b_nls07	10440	-1.0	475.0	0.0	-24.0	0.0	-855.0
B406	505	GEO_Eqn_6.12b_nls07	10800	-1.0	484.0	0.0	-24.0	0.0	-1028.0
B406	505	GEO_Eqn_6.12b_nls07	10800	0.0	-470.0	0.0	-3.0	0.0	-986.0
B406	505	GEO_Eqn_6.12b_nls07	11100	0.0	-463.0	0.0	-3.0	0.0	-846.0
B406	505	GEO_Eqn_6.12b_nls07	11100	0.0	-397.0	0.0	-17.0	0.0	-840.0
B406	505	GEO_Eqn_6.12b_nls07	11500	0.0	-388.0	0.0	-17.0	0.0	-683.0
B406	505	GEO_Eqn_6.12b_nls07	11900	0.0	-379.0	0.0	-17.0	0.0	-529.0
B406	505	GEO_Eqn_6.12b_nls07	12300	0.0	-370.0	0.0	-17.0	0.0	-380.0
B406	505	GEO_Eqn_6.12b_nls07	12300	0.0	-231.0	0.0	-40.0	0.0	-372.0
B406	505	GEO_Eqn_6.12b_nls07	12525	0.0	-225.0	0.0	-40.0	0.0	-321.0
B406	505	GEO_Eqn_6.12b_nls07	12525	-83.0	-318.0	-2.0	18.0	-4.0	-295.0
B406	505	GEO_Eqn_6.12b_nls07	12787.5	-83.0	-312.0	-2.0	18.0	-4.0	-212.0
B406	505	GEO_Eqn_6.12b_nls07	13050	-83.0	-306.0	-2.0	18.0	-3.0	-131.0
B406	505	GEO_Eqn_6.12b_nls07	13050	-52.0	-258.0	-2.0	19.0	-1.0	-99.0
B406	505	GEO_Eqn_6.12b_nls07	13312.5	-52.0	-252.0	-2.0	19.0	-0.3	-32.0
B406	505	GEO_Eqn_6.12b_nls07	13575	-52.0	-246.0	-2.0	19.0	0.3	34.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls07	13575	-23.0	-34.0	-0.2	16.0	2.0	55.0
B406	505	GEO_Eqn_6.12b_nls07	13750	-23.0	-30.0	-0.2	16.0	2.0	61.0
B406	505	GEO_Eqn_6.12b_nls07	13750	-3.0	-75.0	-1.0	6.0	1.0	102.0
B406	505	GEO_Eqn_6.12b_nls07	14100	-3.0	-67.0	-1.0	6.0	1.0	127.0
B406	505	GEO_Eqn_6.12b_nls07	14100	21.0	-149.0	-1.0	5.0	2.0	146.0
B406	505	GEO_Eqn_6.12b_nls07	14362.5	21.0	-143.0	-1.0	5.0	3.0	184.0
B406	505	GEO_Eqn_6.12b_nls07	14625	21.0	-137.0	-1.0	5.0	3.0	221.0
B406	505	GEO_Eqn_6.12b_nls07	14625	35.0	-78.0	-0.5	5.0	4.0	242.0
B406	505	GEO_Eqn_6.12b_nls07	14975	35.0	-71.0	-0.5	5.0	4.0	268.0
B406	505	GEO_Eqn_6.12b_nls07	14975	41.0	-21.0	0.4	-0.3	5.0	304.0
B406	505	GEO_Eqn_6.12b_nls07	15150	41.0	-17.0	0.4	-0.3	5.0	307.0
B406	505	GEO_Eqn_6.12b_nls07	15150	47.0	-145.0	4.0	-2.0	2.0	317.0
B406	505	GEO_Eqn_6.12b_nls07	15412.5	47.0	-139.0	4.0	-2.0	1.0	354.0
B406	505	GEO_Eqn_6.12b_nls07	15675	47.0	-133.0	4.0	-2.0	-0.2	390.0
B406	505	GEO_Eqn_6.12b_nls07	15675	40.0	-104.0	3.0	-1.0	-4.0	405.0
B406	505	GEO_Eqn_6.12b_nls07	15937.5	40.0	-98.0	3.0	-1.0	-5.0	432.0
B406	505	GEO_Eqn_6.12b_nls07	16200	40.0	-92.0	3.0	-1.0	-6.0	457.0
B406	505	GEO_Eqn_6.12b_nls08	0	-1.0	-198.0	-3.0	-10.0	-2.0	14.0
B406	505	GEO_Eqn_6.12b_nls08	360	-1.0	-190.0	-3.0	-10.0	-1.0	84.0
B406	505	GEO_Eqn_6.12b_nls08	720	-1.0	-182.0	-3.0	-10.0	-0.2	151.0
B406	505	GEO_Eqn_6.12b_nls08	1080	-1.0	-174.0	-3.0	-10.0	1.0	215.0
B406	505	GEO_Eqn_6.12b_nls08	1080	-1.0	-136.0	0.0	-9.0	1.0	216.0
B406	505	GEO_Eqn_6.12b_nls08	1440	-1.0	-128.0	0.0	-9.0	1.0	263.0
B406	505	GEO_Eqn_6.12b_nls08	1800	-1.0	-120.0	0.0	-9.0	1.0	308.0
B406	505	GEO_Eqn_6.12b_nls08	2160	-1.0	-112.0	0.0	-9.0	1.0	349.0
B406	505	GEO_Eqn_6.12b_nls08	2160	0.2	-36.0	0.4	-8.0	1.0	350.0
B406	505	GEO_Eqn_6.12b_nls08	2520	0.2	-28.0	0.4	-8.0	0.5	361.0
B406	505	GEO_Eqn_6.12b_nls08	2880	0.2	-20.0	0.4	-8.0	0.3	370.0
B406	505	GEO_Eqn_6.12b_nls08	3240	0.2	-12.0	0.4	-8.0	0.2	375.0
B406	505	GEO_Eqn_6.12b_nls08	3240	1.0	71.0	0.1	-11.0	0.3	375.0
B406	505	GEO_Eqn_6.12b_nls08	3600	1.0	79.0	0.1	-11.0	0.3	348.0
B406	505	GEO_Eqn_6.12b_nls08	3960	1.0	87.0	0.1	-11.0	0.2	318.0
B406	505	GEO_Eqn_6.12b_nls08	4320	1.0	95.0	0.1	-11.0	0.2	285.0
B406	505	GEO_Eqn_6.12b_nls08	4320	1.0	192.0	2.0	-14.0	0.2	282.0
B406	505	GEO_Eqn_6.12b_nls08	4680	1.0	200.0	2.0	-14.0	-0.3	212.0
B406	505	GEO_Eqn_6.12b_nls08	5040	1.0	208.0	2.0	-14.0	-1.0	138.0
B406	505	GEO_Eqn_6.12b_nls08	5400	1.0	216.0	2.0	-14.0	-1.0	62.0
B406	505	GEO_Eqn_6.12b_nls08	5400	2.0	-122.0	-0.5	-1.0	-0.3	63.0
B406	505	GEO_Eqn_6.12b_nls08	5760	2.0	-114.0	-0.5	-1.0	-0.1	106.0
B406	505	GEO_Eqn_6.12b_nls08	6120	2.0	-106.0	-0.5	-1.0	0.0	145.0
B406	505	GEO_Eqn_6.12b_nls08	6480	2.0	-98.0	-0.5	-1.0	0.2	182.0
B406	505	GEO_Eqn_6.12b_nls08	6480	1.0	-7.0	0.1	-6.0	0.1	183.0
B406	505	GEO_Eqn_6.12b_nls08	6840	1.0	1.0	0.1	-6.0	0.1	184.0
B406	505	GEO_Eqn_6.12b_nls08	7200	1.0	9.0	0.1	-6.0	0.0	182.0
B406	505	GEO_Eqn_6.12b_nls08	7560	1.0	17.0	0.1	-6.0	0.0	177.0
B406	505	GEO_Eqn_6.12b_nls08	7560	0.1	108.0	-0.1	-11.0	0.0	177.0
B406	505	GEO_Eqn_6.12b_nls08	7920	0.1	116.0	-0.1	-11.0	0.0	137.0
B406	505	GEO_Eqn_6.12b_nls08	8280	0.1	124.0	-0.1	-11.0	0.0	94.0
B406	505	GEO_Eqn_6.12b_nls08	8640	0.1	132.0	-0.1	-11.0	0.0	48.0
B406	505	GEO_Eqn_6.12b_nls08	8640	-1.0	222.0	-0.2	-17.0	0.0	46.0
B406	505	GEO_Eqn_6.12b_nls08	9000	-1.0	230.0	-0.2	-17.0	0.0	-35.0
B406	505	GEO_Eqn_6.12b_nls08	9360	-1.0	238.0	-0.2	-17.0	0.1	-120.0
B406	505	GEO_Eqn_6.12b_nls08	9720	-1.0	246.0	-0.2	-17.0	0.2	-207.0
B406	505	GEO_Eqn_6.12b_nls08	9720	-2.0	332.0	0.3	-28.0	0.0	-211.0
B406	505	GEO_Eqn_6.12b_nls08	10080	-2.0	340.0	0.2	-28.0	0.0	-332.0
B406	505	GEO_Eqn_6.12b_nls08	10440	-2.0	348.0	0.2	-28.0	-0.1	-456.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls08	10800	-2.0	357.0	0.2	-28.0	-0.2	-583.0
B406	505	GEO_Eqn_6.12b_nls08	10800	0.0	-430.0	0.0	-10.0	0.0	-569.0
B406	505	GEO_Eqn_6.12b_nls08	11100	0.0	-424.0	0.0	-10.0	0.0	-441.0
B406	505	GEO_Eqn_6.12b_nls08	11100	0.0	-307.0	0.0	-23.0	0.0	-435.0
B406	505	GEO_Eqn_6.12b_nls08	11500	0.0	-298.0	0.0	-23.0	0.0	-314.0
B406	505	GEO_Eqn_6.12b_nls08	11900	0.0	-289.0	0.0	-23.0	0.0	-196.0
B406	505	GEO_Eqn_6.12b_nls08	12300	0.0	-280.0	0.0	-23.0	0.0	-82.0
B406	505	GEO_Eqn_6.12b_nls08	12300	0.0	-130.0	0.0	-46.0	0.0	-79.0
B406	505	GEO_Eqn_6.12b_nls08	12525	0.0	-125.0	0.0	-46.0	0.0	-50.0
B406	505	GEO_Eqn_6.12b_nls08	12525	-51.0	-202.0	-2.0	18.0	-4.0	-37.0
B406	505	GEO_Eqn_6.12b_nls08	12787.5	-51.0	-196.0	-2.0	18.0	-4.0	15.0
B406	505	GEO_Eqn_6.12b_nls08	13050	-51.0	-190.0	-2.0	18.0	-3.0	66.0
B406	505	GEO_Eqn_6.12b_nls08	13050	-22.0	-128.0	-2.0	19.0	-1.0	84.0
B406	505	GEO_Eqn_6.12b_nls08	13312.5	-22.0	-122.0	-2.0	19.0	-0.3	117.0
B406	505	GEO_Eqn_6.12b_nls08	13575	-22.0	-117.0	-2.0	19.0	0.4	148.0
B406	505	GEO_Eqn_6.12b_nls08	13575	-4.0	-16.0	-0.2	16.0	2.0	160.0
B406	505	GEO_Eqn_6.12b_nls08	13750	-4.0	-12.0	-0.2	16.0	2.0	162.0
B406	505	GEO_Eqn_6.12b_nls08	13750	9.0	-23.0	-0.4	6.0	1.0	177.0
B406	505	GEO_Eqn_6.12b_nls08	14100	9.0	-15.0	-0.4	6.0	1.0	184.0
B406	505	GEO_Eqn_6.12b_nls08	14100	22.0	-58.0	-1.0	5.0	2.0	189.0
B406	505	GEO_Eqn_6.12b_nls08	14362.5	22.0	-52.0	-1.0	5.0	3.0	203.0
B406	505	GEO_Eqn_6.12b_nls08	14625	22.0	-46.0	-1.0	5.0	3.0	216.0
B406	505	GEO_Eqn_6.12b_nls08	14625	23.0	-46.0	-0.3	5.0	4.0	227.0
B406	505	GEO_Eqn_6.12b_nls08	14975	23.0	-38.0	-0.3	5.0	4.0	242.0
B406	505	GEO_Eqn_6.12b_nls08	14975	22.0	-10.0	0.4	-0.1	4.0	261.0
B406	505	GEO_Eqn_6.12b_nls08	15150	22.0	-7.0	0.4	-0.1	4.0	262.0
B406	505	GEO_Eqn_6.12b_nls08	15150	18.0	-102.0	4.0	-1.0	2.0	268.0
B406	505	GEO_Eqn_6.12b_nls08	15412.5	18.0	-96.0	4.0	-1.0	1.0	294.0
B406	505	GEO_Eqn_6.12b_nls08	15675	18.0	-91.0	4.0	-1.0	-0.2	318.0
B406	505	GEO_Eqn_6.12b_nls08	15675	6.0	-99.0	3.0	-1.0	-4.0	332.0
B406	505	GEO_Eqn_6.12b_nls08	15937.5	6.0	-94.0	3.0	-1.0	-5.0	357.0
B406	505	GEO_Eqn_6.12b_nls08	16200	6.0	-88.0	3.0	-1.0	-6.0	381.0
B406	505	GEO_Eqn_6.12b_nls09	0	1.0	-284.0	1.0	10.0	1.0	-14.0
B406	505	GEO_Eqn_6.12b_nls09	360	1.0	-276.0	1.0	10.0	0.5	87.0
B406	505	GEO_Eqn_6.12b_nls09	720	1.0	-268.0	1.0	10.0	0.1	185.0
B406	505	GEO_Eqn_6.12b_nls09	1080	1.0	-260.0	1.0	10.0	-0.3	281.0
B406	505	GEO_Eqn_6.12b_nls09	1080	0.5	-224.0	-0.1	13.0	-0.3	281.0
B406	505	GEO_Eqn_6.12b_nls09	1440	0.5	-216.0	-0.1	13.0	-0.3	361.0
B406	505	GEO_Eqn_6.12b_nls09	1800	0.5	-208.0	-0.1	13.0	-0.3	437.0
B406	505	GEO_Eqn_6.12b_nls09	2160	0.5	-200.0	-0.1	13.0	-0.2	510.0
B406	505	GEO_Eqn_6.12b_nls09	2160	-0.4	-126.0	-0.2	17.0	-0.2	511.0
B406	505	GEO_Eqn_6.12b_nls09	2520	-0.4	-118.0	-0.2	17.0	-0.1	555.0
B406	505	GEO_Eqn_6.12b_nls09	2880	-0.4	-110.0	-0.2	17.0	-0.1	596.0
B406	505	GEO_Eqn_6.12b_nls09	3240	-0.4	-102.0	-0.2	17.0	0.0	634.0
B406	505	GEO_Eqn_6.12b_nls09	3240	-1.0	-20.0	0.0	19.0	0.0	634.0
B406	505	GEO_Eqn_6.12b_nls09	3600	-1.0	-12.0	0.0	19.0	-0.1	640.0
B406	505	GEO_Eqn_6.12b_nls09	3960	-1.0	-4.0	0.0	19.0	-0.1	643.0
B406	505	GEO_Eqn_6.12b_nls09	4320	-1.0	4.0	0.0	19.0	-0.1	643.0
B406	505	GEO_Eqn_6.12b_nls09	4320	-0.4	100.0	-1.0	23.0	-0.2	640.0
B406	505	GEO_Eqn_6.12b_nls09	4680	-0.4	108.0	-1.0	23.0	0.1	603.0
B406	505	GEO_Eqn_6.12b_nls09	5040	-0.4	116.0	-1.0	23.0	0.3	562.0
B406	505	GEO_Eqn_6.12b_nls09	5400	-0.4	124.0	-1.0	23.0	0.5	519.0
B406	505	GEO_Eqn_6.12b_nls09	5400	-1.0	130.0	0.5	17.0	0.4	563.0
B406	505	GEO_Eqn_6.12b_nls09	5760	-1.0	139.0	0.5	17.0	0.2	515.0
B406	505	GEO_Eqn_6.12b_nls09	6120	-1.0	147.0	0.5	17.0	0.0	464.0
B406	505	GEO_Eqn_6.12b_nls09	6480	-1.0	155.0	0.5	17.0	-0.1	409.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls09	6480	-1.0	245.0	0.0	21.0	-0.1	408.0
B406	505	GEO_Eqn_6.12b_nls09	6840	-1.0	253.0	-0.1	21.0	-0.1	319.0
B406	505	GEO_Eqn_6.12b_nls09	7200	-1.0	261.0	-0.1	21.0	-0.1	226.0
B406	505	GEO_Eqn_6.12b_nls09	7560	-1.0	269.0	-0.1	21.0	-0.1	131.0
B406	505	GEO_Eqn_6.12b_nls09	7560	-0.3	359.0	0.1	24.0	0.0	129.0
B406	505	GEO_Eqn_6.12b_nls09	7920	-0.3	367.0	0.1	24.0	0.0	-1.0
B406	505	GEO_Eqn_6.12b_nls09	8280	-0.3	375.0	0.1	24.0	0.0	-135.0
B406	505	GEO_Eqn_6.12b_nls09	8640	-0.3	383.0	0.1	24.0	-0.1	-271.0
B406	505	GEO_Eqn_6.12b_nls09	8640	0.5	472.0	0.2	23.0	0.0	-274.0
B406	505	GEO_Eqn_6.12b_nls09	9000	0.5	480.0	0.2	23.0	-0.1	-445.0
B406	505	GEO_Eqn_6.12b_nls09	9360	0.5	488.0	0.2	23.0	-0.2	-619.0
B406	505	GEO_Eqn_6.12b_nls09	9720	0.5	496.0	0.2	23.0	-0.2	-797.0
B406	505	GEO_Eqn_6.12b_nls09	9720	2.0	581.0	-0.4	17.0	-0.1	-802.0
B406	505	GEO_Eqn_6.12b_nls09	10080	2.0	589.0	-0.4	17.0	0.1	-1012.0
B406	505	GEO_Eqn_6.12b_nls09	10440	2.0	597.0	-0.4	17.0	0.2	-1226.0
B406	505	GEO_Eqn_6.12b_nls09	10800	2.0	605.0	-0.4	17.0	0.4	-1442.0
B406	505	GEO_Eqn_6.12b_nls09	10800	0.0	-517.0	0.0	13.0	0.0	-1375.0
B406	505	GEO_Eqn_6.12b_nls09	11100	0.0	-510.0	0.0	13.0	0.0	-1221.0
B406	505	GEO_Eqn_6.12b_nls09	11100	0.0	-503.0	0.0	2.0	0.0	-1216.0
B406	505	GEO_Eqn_6.12b_nls09	11500	0.0	-494.0	0.0	2.0	0.0	-1017.0
B406	505	GEO_Eqn_6.12b_nls09	11900	0.0	-485.0	0.0	2.0	0.0	-821.0
B406	505	GEO_Eqn_6.12b_nls09	12300	0.0	-476.0	0.0	2.0	0.0	-629.0
B406	505	GEO_Eqn_6.12b_nls09	12300	0.0	-332.0	0.0	-18.0	0.0	-618.0
B406	505	GEO_Eqn_6.12b_nls09	12525	0.0	-327.0	0.0	-18.0	0.0	-543.0
B406	505	GEO_Eqn_6.12b_nls09	12525	-77.0	-447.0	0.4	-1.0	1.0	-504.0
B406	505	GEO_Eqn_6.12b_nls09	12787.5	-77.0	-442.0	0.4	-1.0	1.0	-388.0
B406	505	GEO_Eqn_6.12b_nls09	13050	-77.0	-436.0	0.3	-1.0	1.0	-272.0
B406	505	GEO_Eqn_6.12b_nls09	13050	-47.0	-372.0	0.5	0.0	0.3	-224.0
B406	505	GEO_Eqn_6.12b_nls09	13312.5	-47.0	-366.0	0.5	0.0	0.2	-128.0
B406	505	GEO_Eqn_6.12b_nls09	13575	-47.0	-360.0	0.5	0.0	0.1	-32.0
B406	505	GEO_Eqn_6.12b_nls09	13575	-17.0	-45.0	0.1	-3.0	-0.2	-2.0
B406	505	GEO_Eqn_6.12b_nls09	13750	-17.0	-41.0	0.1	-3.0	-0.2	5.0
B406	505	GEO_Eqn_6.12b_nls09	13750	4.0	-106.0	0.0	-14.0	-1.0	63.0
B406	505	GEO_Eqn_6.12b_nls09	14100	4.0	-99.0	0.0	-14.0	-1.0	99.0
B406	505	GEO_Eqn_6.12b_nls09	14100	29.0	-161.0	0.0	-15.0	-1.0	124.0
B406	505	GEO_Eqn_6.12b_nls09	14362.5	29.0	-156.0	0.0	-15.0	-1.0	166.0
B406	505	GEO_Eqn_6.12b_nls09	14625	29.0	-150.0	0.0	-15.0	-1.0	206.0
B406	505	GEO_Eqn_6.12b_nls09	14625	40.0	-53.0	0.0	-16.0	-1.0	223.0
B406	505	GEO_Eqn_6.12b_nls09	14975	40.0	-45.0	0.0	-16.0	-1.0	240.0
B406	505	GEO_Eqn_6.12b_nls09	14975	37.0	-12.0	-0.1	-22.0	-0.4	265.0
B406	505	GEO_Eqn_6.12b_nls09	15150	37.0	-8.0	-0.1	-22.0	-0.4	266.0
B406	505	GEO_Eqn_6.12b_nls09	15150	38.0	-6.0	-0.4	-24.0	0.0	266.0
B406	505	GEO_Eqn_6.12b_nls09	15412.5	38.0	0.0	-0.4	-24.0	0.1	267.0
B406	505	GEO_Eqn_6.12b_nls09	15675	38.0	6.0	-0.4	-24.0	0.2	266.0
B406	505	GEO_Eqn_6.12b_nls09	15675	21.0	101.0	-1.0	-24.0	1.0	260.0
B406	505	GEO_Eqn_6.12b_nls09	15937.5	21.0	107.0	-1.0	-24.0	1.0	232.0
B406	505	GEO_Eqn_6.12b_nls09	16200	21.0	113.0	-1.0	-24.0	1.0	203.0
B406	505	GEO_Eqn_6.12b_nls10	0	1.0	-283.0	-1.0	-4.0	-0.5	32.0
B406	505	GEO_Eqn_6.12b_nls10	360	1.0	-275.0	-1.0	-4.0	-0.3	132.0
B406	505	GEO_Eqn_6.12b_nls10	720	1.0	-267.0	-1.0	-4.0	-0.1	230.0
B406	505	GEO_Eqn_6.12b_nls10	1080	1.0	-259.0	-1.0	-4.0	0.2	325.0
B406	505	GEO_Eqn_6.12b_nls10	1080	0.1	-222.0	0.0	-2.0	0.1	326.0
B406	505	GEO_Eqn_6.12b_nls10	1440	0.0	-214.0	0.0	-2.0	0.1	404.0
B406	505	GEO_Eqn_6.12b_nls10	1800	0.0	-206.0	0.0	-2.0	0.2	480.0
B406	505	GEO_Eqn_6.12b_nls10	2160	0.0	-198.0	0.0	-2.0	0.2	553.0
B406	505	GEO_Eqn_6.12b_nls10	2160	-0.2	-123.0	0.1	2.0	0.2	553.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls10	2520	-0.2	-115.0	0.1	2.0	0.1	596.0
B406	505	GEO_Eqn_6.12b_nls10	2880	-0.2	-107.0	0.1	2.0	0.1	636.0
B406	505	GEO_Eqn_6.12b_nls10	3240	-0.2	-99.0	0.1	2.0	0.1	673.0
B406	505	GEO_Eqn_6.12b_nls10	3240	-0.2	-17.0	0.1	3.0	0.1	673.0
B406	505	GEO_Eqn_6.12b_nls10	3600	-0.2	-9.0	0.1	3.0	0.0	678.0
B406	505	GEO_Eqn_6.12b_nls10	3960	-0.2	-0.5	0.1	3.0	0.0	679.0
B406	505	GEO_Eqn_6.12b_nls10	4320	-0.2	8.0	0.1	3.0	0.0	678.0
B406	505	GEO_Eqn_6.12b_nls10	4320	-0.2	105.0	0.0	6.0	-0.1	675.0
B406	505	GEO_Eqn_6.12b_nls10	4680	-0.2	113.0	0.0	6.0	-0.1	636.0
B406	505	GEO_Eqn_6.12b_nls10	5040	-0.2	121.0	0.0	6.0	-0.1	594.0
B406	505	GEO_Eqn_6.12b_nls10	5400	-0.2	129.0	0.0	6.0	-0.1	549.0
B406	505	GEO_Eqn_6.12b_nls10	5400	-0.3	154.0	0.5	8.0	0.4	599.0
B406	505	GEO_Eqn_6.12b_nls10	5760	-0.3	162.0	0.5	8.0	0.2	542.0
B406	505	GEO_Eqn_6.12b_nls10	6120	-0.3	170.0	0.4	8.0	0.1	483.0
B406	505	GEO_Eqn_6.12b_nls10	6480	-0.3	178.0	0.4	8.0	-0.1	420.0
B406	505	GEO_Eqn_6.12b_nls10	6480	-1.0	269.0	0.0	10.0	-0.2	419.0
B406	505	GEO_Eqn_6.12b_nls10	6840	-1.0	277.0	0.0	10.0	-0.1	321.0
B406	505	GEO_Eqn_6.12b_nls10	7200	-1.0	285.0	-0.1	10.0	-0.1	219.0
B406	505	GEO_Eqn_6.12b_nls10	7560	-1.0	293.0	-0.1	10.0	-0.1	115.0
B406	505	GEO_Eqn_6.12b_nls10	7560	-0.5	384.0	0.0	10.0	-0.1	114.0
B406	505	GEO_Eqn_6.12b_nls10	7920	-0.5	392.0	0.0	10.0	-0.1	-26.0
B406	505	GEO_Eqn_6.12b_nls10	8280	-0.5	400.0	0.0	10.0	-0.1	-169.0
B406	505	GEO_Eqn_6.12b_nls10	8640	-0.5	409.0	0.0	10.0	-0.1	-315.0
B406	505	GEO_Eqn_6.12b_nls10	8640	-0.1	499.0	0.1	7.0	-0.1	-317.0
B406	505	GEO_Eqn_6.12b_nls10	9000	-0.1	507.0	0.1	7.0	-0.1	-498.0
B406	505	GEO_Eqn_6.12b_nls10	9360	-0.1	515.0	0.1	7.0	-0.1	-682.0
B406	505	GEO_Eqn_6.12b_nls10	9720	-0.1	523.0	0.1	7.0	-0.2	-869.0
B406	505	GEO_Eqn_6.12b_nls10	9720	1.0	609.0	-0.4	-2.0	0.0	-875.0
B406	505	GEO_Eqn_6.12b_nls10	10080	1.0	617.0	-0.4	-2.0	0.1	-1095.0
B406	505	GEO_Eqn_6.12b_nls10	10440	1.0	625.0	-0.4	-2.0	0.2	-1319.0
B406	505	GEO_Eqn_6.12b_nls10	10800	1.0	633.0	-0.4	-2.0	0.4	-1545.0
B406	505	GEO_Eqn_6.12b_nls10	10800	0.0	-523.0	0.0	7.0	0.0	-1472.0
B406	505	GEO_Eqn_6.12b_nls10	11100	0.0	-516.0	0.0	7.0	0.0	-1316.0
B406	505	GEO_Eqn_6.12b_nls10	11100	0.0	-522.0	0.0	-6.0	0.0	-1312.0
B406	505	GEO_Eqn_6.12b_nls10	11500	0.0	-513.0	0.0	-6.0	0.0	-1104.0
B406	505	GEO_Eqn_6.12b_nls10	11900	0.0	-504.0	0.0	-6.0	0.0	-901.0
B406	505	GEO_Eqn_6.12b_nls10	12300	0.0	-495.0	0.0	-6.0	0.0	-701.0
B406	505	GEO_Eqn_6.12b_nls10	12300	0.0	-358.0	0.0	-28.0	0.0	-689.0
B406	505	GEO_Eqn_6.12b_nls10	12525	0.0	-352.0	0.0	-28.0	0.0	-609.0
B406	505	GEO_Eqn_6.12b_nls10	12525	-104.0	-460.0	-1.0	6.0	-1.0	-568.0
B406	505	GEO_Eqn_6.12b_nls10	12787.5	-104.0	-454.0	-1.0	6.0	-1.0	-448.0
B406	505	GEO_Eqn_6.12b_nls10	13050	-104.0	-448.0	-1.0	6.0	-1.0	-329.0
B406	505	GEO_Eqn_6.12b_nls10	13050	-70.0	-402.0	-1.0	7.0	-0.3	-279.0
B406	505	GEO_Eqn_6.12b_nls10	13312.5	-70.0	-396.0	-1.0	7.0	-0.1	-175.0
B406	505	GEO_Eqn_6.12b_nls10	13575	-70.0	-390.0	-1.0	7.0	0.1	-71.0
B406	505	GEO_Eqn_6.12b_nls10	13575	-33.0	-52.0	-0.1	4.0	1.0	-38.0
B406	505	GEO_Eqn_6.12b_nls10	13750	-33.0	-48.0	-0.1	4.0	1.0	-30.0
B406	505	GEO_Eqn_6.12b_nls10	13750	-7.0	-127.0	-0.4	-7.0	-0.3	38.0
B406	505	GEO_Eqn_6.12b_nls10	14100	-7.0	-119.0	-0.4	-7.0	-0.2	81.0
B406	505	GEO_Eqn_6.12b_nls10	14100	27.0	-220.0	-1.0	-8.0	1.0	113.0
B406	505	GEO_Eqn_6.12b_nls10	14362.5	27.0	-214.0	-1.0	-8.0	1.0	170.0
B406	505	GEO_Eqn_6.12b_nls10	14625	27.0	-208.0	-1.0	-8.0	1.0	225.0
B406	505	GEO_Eqn_6.12b_nls10	14625	47.0	-89.0	-0.3	-8.0	2.0	252.0
B406	505	GEO_Eqn_6.12b_nls10	14975	47.0	-81.0	-0.3	-8.0	2.0	282.0
B406	505	GEO_Eqn_6.12b_nls10	14975	53.0	-24.0	0.2	-14.0	2.0	324.0
B406	505	GEO_Eqn_6.12b_nls10	15150	53.0	-20.0	0.2	-14.0	2.0	328.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls10	15150	62.0	-108.0	2.0	-16.0	1.0	336.0
B406	505	GEO_Eqn_6.12b_nls10	15412.5	62.0	-102.0	2.0	-16.0	1.0	363.0
B406	505	GEO_Eqn_6.12b_nls10	15675	62.0	-96.0	2.0	-16.0	0.1	389.0
B406	505	GEO_Eqn_6.12b_nls10	15675	51.0	-7.0	2.0	-16.0	-2.0	396.0
B406	505	GEO_Eqn_6.12b_nls10	15937.5	51.0	-1.0	2.0	-16.0	-2.0	397.0
B406	505	GEO_Eqn_6.12b_nls10	16200	51.0	4.0	2.0	-16.0	-3.0	397.0
B406	505	GEO_Eqn_6.12b_nls11	0	-0.4	-160.0	1.0	24.0	1.0	-118.0
B406	505	GEO_Eqn_6.12b_nls11	360	-0.4	-152.0	1.0	24.0	0.3	-62.0
B406	505	GEO_Eqn_6.12b_nls11	720	-0.4	-144.0	1.0	24.0	0.0	-8.0
B406	505	GEO_Eqn_6.12b_nls11	1080	-0.4	-136.0	1.0	24.0	-0.3	42.0
B406	505	GEO_Eqn_6.12b_nls11	1080	-0.2	-98.0	-0.2	26.0	-0.4	43.0
B406	505	GEO_Eqn_6.12b_nls11	1440	-0.2	-90.0	-0.2	26.0	-0.3	76.0
B406	505	GEO_Eqn_6.12b_nls11	1800	-0.2	-82.0	-0.2	26.0	-0.2	107.0
B406	505	GEO_Eqn_6.12b_nls11	2160	-0.2	-74.0	-0.2	26.0	-0.2	135.0
B406	505	GEO_Eqn_6.12b_nls11	2160	-0.2	-1.0	-0.2	27.0	-0.2	136.0
B406	505	GEO_Eqn_6.12b_nls11	2520	-0.2	8.0	-0.3	27.0	-0.1	134.0
B406	505	GEO_Eqn_6.12b_nls11	2880	-0.2	16.0	-0.3	27.0	0.0	130.0
B406	505	GEO_Eqn_6.12b_nls11	3240	-0.2	24.0	-0.3	27.0	0.1	123.0
B406	505	GEO_Eqn_6.12b_nls11	3240	0.0	103.0	-0.1	25.0	0.1	123.0
B406	505	GEO_Eqn_6.12b_nls11	3600	0.0	111.0	-0.1	25.0	0.2	84.0
B406	505	GEO_Eqn_6.12b_nls11	3960	0.0	119.0	-0.1	25.0	0.2	43.0
B406	505	GEO_Eqn_6.12b_nls11	4320	0.0	128.0	-0.1	25.0	0.3	-2.0
B406	505	GEO_Eqn_6.12b_nls11	4320	1.0	221.0	1.0	22.0	0.4	-5.0
B406	505	GEO_Eqn_6.12b_nls11	4680	1.0	229.0	1.0	22.0	0.1	-86.0
B406	505	GEO_Eqn_6.12b_nls11	5040	1.0	237.0	1.0	22.0	-0.2	-170.0
B406	505	GEO_Eqn_6.12b_nls11	5400	1.0	245.0	1.0	22.0	-0.5	-256.0
B406	505	GEO_Eqn_6.12b_nls11	5400	-1.0	-308.0	-1.0	17.0	-1.0	-294.0
B406	505	GEO_Eqn_6.12b_nls11	5760	-1.0	-300.0	-1.0	17.0	-0.4	-184.0
B406	505	GEO_Eqn_6.12b_nls11	6120	-1.0	-292.0	-1.0	17.0	-0.1	-78.0
B406	505	GEO_Eqn_6.12b_nls11	6480	-1.0	-284.0	-1.0	17.0	0.2	26.0
B406	505	GEO_Eqn_6.12b_nls11	6480	0.1	-197.0	0.2	17.0	0.4	27.0
B406	505	GEO_Eqn_6.12b_nls11	6840	0.1	-189.0	0.2	17.0	0.3	97.0
B406	505	GEO_Eqn_6.12b_nls11	7200	0.1	-180.0	0.2	17.0	0.2	163.0
B406	505	GEO_Eqn_6.12b_nls11	7560	0.1	-172.0	0.2	17.0	0.1	227.0
B406	505	GEO_Eqn_6.12b_nls11	7560	1.0	-85.0	0.1	16.0	0.1	227.0
B406	505	GEO_Eqn_6.12b_nls11	7920	1.0	-77.0	0.1	16.0	0.1	256.0
B406	505	GEO_Eqn_6.12b_nls11	8280	1.0	-69.0	0.1	16.0	0.1	283.0
B406	505	GEO_Eqn_6.12b_nls11	8640	1.0	-61.0	0.1	16.0	0.0	306.0
B406	505	GEO_Eqn_6.12b_nls11	8640	1.0	25.0	0.0	16.0	0.1	306.0
B406	505	GEO_Eqn_6.12b_nls11	9000	1.0	34.0	0.0	16.0	0.1	295.0
B406	505	GEO_Eqn_6.12b_nls11	9360	1.0	42.0	0.0	16.0	0.1	282.0
B406	505	GEO_Eqn_6.12b_nls11	9720	1.0	50.0	0.0	16.0	0.1	265.0
B406	505	GEO_Eqn_6.12b_nls11	9720	-0.3	132.0	0.5	11.0	0.1	263.0
B406	505	GEO_Eqn_6.12b_nls11	10080	-0.3	140.0	0.5	11.0	-0.1	214.0
B406	505	GEO_Eqn_6.12b_nls11	10440	-0.3	148.0	0.5	11.0	-0.3	162.0
B406	505	GEO_Eqn_6.12b_nls11	10800	-0.3	156.0	0.5	11.0	-0.4	107.0
B406	505	GEO_Eqn_6.12b_nls11	10800	0.0	-420.0	0.0	-3.0	0.0	67.0
B406	505	GEO_Eqn_6.12b_nls11	11100	0.0	-413.0	0.0	-3.0	0.0	192.0
B406	505	GEO_Eqn_6.12b_nls11	11100	0.0	-230.0	0.0	-12.0	0.0	202.0
B406	505	GEO_Eqn_6.12b_nls11	11500	0.0	-221.0	0.0	-12.0	0.0	292.0
B406	505	GEO_Eqn_6.12b_nls11	11900	0.0	-212.0	0.0	-12.0	0.0	378.0
B406	505	GEO_Eqn_6.12b_nls11	12300	0.0	-203.0	0.0	-12.0	0.0	461.0
B406	505	GEO_Eqn_6.12b_nls11	12300	0.0	7.0	0.0	-30.0	0.0	458.0
B406	505	GEO_Eqn_6.12b_nls11	12525	0.0	12.0	0.0	-30.0	0.0	456.0
B406	505	GEO_Eqn_6.12b_nls11	12525	8.0	-54.0	0.4	20.0	1.0	450.0
B406	505	GEO_Eqn_6.12b_nls11	12787.5	8.0	-49.0	0.4	20.0	1.0	464.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls11	13050	8.0	-43.0	0.4	20.0	1.0	476.0
B406	505	GEO_Eqn_6.12b_nls11	13050	42.0	91.0	0.3	20.0	1.0	471.0
B406	505	GEO_Eqn_6.12b_nls11	13312.5	42.0	97.0	0.3	20.0	0.4	446.0
B406	505	GEO_Eqn_6.12b_nls11	13575	42.0	103.0	0.3	20.0	0.4	420.0
B406	505	GEO_Eqn_6.12b_nls11	13575	46.0	21.0	0.0	17.0	0.1	413.0
B406	505	GEO_Eqn_6.12b_nls11	13750	46.0	25.0	0.0	17.0	0.1	409.0
B406	505	GEO_Eqn_6.12b_nls11	13750	47.0	87.0	0.4	6.0	0.0	367.0
B406	505	GEO_Eqn_6.12b_nls11	14100	47.0	95.0	0.4	6.0	-0.1	335.0
B406	505	GEO_Eqn_6.12b_nls11	14100	37.0	197.0	1.0	5.0	-1.0	307.0
B406	505	GEO_Eqn_6.12b_nls11	14362.5	37.0	202.0	1.0	5.0	-1.0	255.0
B406	505	GEO_Eqn_6.12b_nls11	14625	37.0	208.0	1.0	5.0	-1.0	201.0
B406	505	GEO_Eqn_6.12b_nls11	14625	9.0	89.0	0.4	5.0	-2.0	175.0
B406	505	GEO_Eqn_6.12b_nls11	14975	9.0	97.0	0.4	5.0	-2.0	143.0
B406	505	GEO_Eqn_6.12b_nls11	14975	-17.0	34.0	-0.2	-2.0	-2.0	94.0
B406	505	GEO_Eqn_6.12b_nls11	15150	-17.0	38.0	-0.2	-2.0	-2.0	88.0
B406	505	GEO_Eqn_6.12b_nls11	15150	-50.0	229.0	-2.0	-4.0	-1.0	67.0
B406	505	GEO_Eqn_6.12b_nls11	15412.5	-50.0	235.0	-2.0	-4.0	-0.3	6.0
B406	505	GEO_Eqn_6.12b_nls11	15675	-50.0	241.0	-2.0	-4.0	0.1	-57.0
B406	505	GEO_Eqn_6.12b_nls11	15675	-84.0	219.0	-1.0	-4.0	2.0	-83.0
B406	505	GEO_Eqn_6.12b_nls11	15937.5	-84.0	225.0	-1.0	-4.0	2.0	-141.0
B406	505	GEO_Eqn_6.12b_nls11	16200	-84.0	231.0	-1.0	-4.0	3.0	-201.0
B406	505	GEO_Eqn_6.12b_nls12	0	-1.0	-155.0	-1.0	10.0	-1.0	-71.0
B406	505	GEO_Eqn_6.12b_nls12	360	-1.0	-147.0	-1.0	10.0	-1.0	-17.0
B406	505	GEO_Eqn_6.12b_nls12	720	-1.0	-139.0	-1.0	10.0	-0.2	35.0
B406	505	GEO_Eqn_6.12b_nls12	1080	-1.0	-131.0	-1.0	10.0	0.2	83.0
B406	505	GEO_Eqn_6.12b_nls12	1080	-1.0	-93.0	-0.1	12.0	0.2	84.0
B406	505	GEO_Eqn_6.12b_nls12	1440	-1.0	-84.0	-0.1	12.0	0.2	116.0
B406	505	GEO_Eqn_6.12b_nls12	1800	-1.0	-76.0	-0.1	12.0	0.2	145.0
B406	505	GEO_Eqn_6.12b_nls12	2160	-1.0	-68.0	-0.1	12.0	0.3	171.0
B406	505	GEO_Eqn_6.12b_nls12	2160	0.0	6.0	0.1	12.0	0.2	171.0
B406	505	GEO_Eqn_6.12b_nls12	2520	0.0	14.0	0.1	12.0	0.2	167.0
B406	505	GEO_Eqn_6.12b_nls12	2880	0.0	22.0	0.1	12.0	0.2	161.0
B406	505	GEO_Eqn_6.12b_nls12	3240	0.0	30.0	0.1	12.0	0.2	151.0
B406	505	GEO_Eqn_6.12b_nls12	3240	1.0	111.0	0.0	9.0	0.2	151.0
B406	505	GEO_Eqn_6.12b_nls12	3600	1.0	119.0	0.0	9.0	0.3	109.0
B406	505	GEO_Eqn_6.12b_nls12	3960	1.0	127.0	0.0	9.0	0.3	65.0
B406	505	GEO_Eqn_6.12b_nls12	4320	1.0	135.0	0.0	9.0	0.3	18.0
B406	505	GEO_Eqn_6.12b_nls12	4320	1.0	229.0	1.0	5.0	0.4	15.0
B406	505	GEO_Eqn_6.12b_nls12	4680	1.0	237.0	1.0	5.0	-0.1	-69.0
B406	505	GEO_Eqn_6.12b_nls12	5040	1.0	246.0	1.0	5.0	-1.0	-156.0
B406	505	GEO_Eqn_6.12b_nls12	5400	1.0	254.0	1.0	5.0	-1.0	-246.0
B406	505	GEO_Eqn_6.12b_nls12	5400	0.1	-295.0	-1.0	9.0	-1.0	-279.0
B406	505	GEO_Eqn_6.12b_nls12	5760	0.1	-287.0	-1.0	9.0	-0.4	-175.0
B406	505	GEO_Eqn_6.12b_nls12	6120	0.1	-279.0	-1.0	9.0	-0.1	-73.0
B406	505	GEO_Eqn_6.12b_nls12	6480	0.1	-270.0	-1.0	9.0	0.3	26.0
B406	505	GEO_Eqn_6.12b_nls12	6480	1.0	-182.0	0.2	5.0	0.3	27.0
B406	505	GEO_Eqn_6.12b_nls12	6840	1.0	-174.0	0.2	5.0	0.3	91.0
B406	505	GEO_Eqn_6.12b_nls12	7200	1.0	-166.0	0.2	5.0	0.2	152.0
B406	505	GEO_Eqn_6.12b_nls12	7560	1.0	-158.0	0.2	5.0	0.1	211.0
B406	505	GEO_Eqn_6.12b_nls12	7560	1.0	-69.0	0.0	2.0	0.1	211.0
B406	505	GEO_Eqn_6.12b_nls12	7920	0.5	-61.0	0.0	2.0	0.1	235.0
B406	505	GEO_Eqn_6.12b_nls12	8280	0.5	-53.0	0.0	2.0	0.1	255.0
B406	505	GEO_Eqn_6.12b_nls12	8640	0.5	-45.0	0.0	2.0	0.0	273.0
B406	505	GEO_Eqn_6.12b_nls12	8640	0.0	43.0	-0.1	-1.0	0.1	272.0
B406	505	GEO_Eqn_6.12b_nls12	9000	0.0	51.0	-0.1	-1.0	0.1	256.0
B406	505	GEO_Eqn_6.12b_nls12	9360	0.0	59.0	-0.1	-1.0	0.2	236.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls12	9720	0.0	67.0	-0.1	-1.0	0.2	213.0
B406	505	GEO_Eqn_6.12b_nls12	9720	-1.0	150.0	1.0	-8.0	0.1	211.0
B406	505	GEO_Eqn_6.12b_nls12	10080	-1.0	159.0	1.0	-8.0	-0.1	155.0
B406	505	GEO_Eqn_6.12b_nls12	10440	-1.0	167.0	1.0	-8.0	-0.3	96.0
B406	505	GEO_Eqn_6.12b_nls12	10800	-1.0	175.0	1.0	-8.0	-0.5	35.0
B406	505	GEO_Eqn_6.12b_nls12	10800	0.0	-416.0	0.0	-9.0	0.0	0.5
B406	505	GEO_Eqn_6.12b_nls12	11100	0.0	-410.0	0.0	-9.0	0.0	124.0
B406	505	GEO_Eqn_6.12b_nls12	11100	0.0	-234.0	0.0	-20.0	0.0	133.0
B406	505	GEO_Eqn_6.12b_nls12	11500	0.0	-225.0	0.0	-20.0	0.0	225.0
B406	505	GEO_Eqn_6.12b_nls12	11900	0.0	-216.0	0.0	-20.0	0.0	313.0
B406	505	GEO_Eqn_6.12b_nls12	12300	0.0	-207.0	0.0	-20.0	0.0	397.0
B406	505	GEO_Eqn_6.12b_nls12	12300	0.0	-6.0	0.0	-39.0	0.0	395.0
B406	505	GEO_Eqn_6.12b_nls12	12525	0.0	-1.0	0.0	-39.0	0.0	396.0
B406	505	GEO_Eqn_6.12b_nls12	12525	-23.0	-57.0	-1.0	25.0	-2.0	391.0
B406	505	GEO_Eqn_6.12b_nls12	12787.5	-23.0	-51.0	-1.0	25.0	-1.0	405.0
B406	505	GEO_Eqn_6.12b_nls12	13050	-23.0	-45.0	-1.0	25.0	-1.0	417.0
B406	505	GEO_Eqn_6.12b_nls12	13050	13.0	70.0	-1.0	25.0	-0.2	414.0
B406	505	GEO_Eqn_6.12b_nls12	13312.5	13.0	76.0	-1.0	25.0	0.1	395.0
B406	505	GEO_Eqn_6.12b_nls12	13575	13.0	82.0	-1.0	25.0	0.4	374.0
B406	505	GEO_Eqn_6.12b_nls12	13575	24.0	15.0	-0.1	22.0	1.0	368.0
B406	505	GEO_Eqn_6.12b_nls12	13750	24.0	19.0	-0.1	22.0	1.0	365.0
B406	505	GEO_Eqn_6.12b_nls12	13750	32.0	70.0	0.0	12.0	1.0	332.0
B406	505	GEO_Eqn_6.12b_nls12	14100	32.0	78.0	0.0	12.0	1.0	307.0
B406	505	GEO_Eqn_6.12b_nls12	14100	31.0	140.0	0.0	11.0	1.0	284.0
B406	505	GEO_Eqn_6.12b_nls12	14362.5	31.0	146.0	0.0	11.0	1.0	247.0
B406	505	GEO_Eqn_6.12b_nls12	14625	31.0	152.0	0.0	11.0	1.0	208.0
B406	505	GEO_Eqn_6.12b_nls12	14625	14.0	50.0	0.0	11.0	1.0	191.0
B406	505	GEO_Eqn_6.12b_nls12	14975	14.0	58.0	0.0	11.0	1.0	172.0
B406	505	GEO_Eqn_6.12b_nls12	14975	0.3	21.0	0.1	5.0	1.0	143.0
B406	505	GEO_Eqn_6.12b_nls12	15150	0.3	25.0	0.1	5.0	1.0	139.0
B406	505	GEO_Eqn_6.12b_nls12	15150	-20.0	114.0	1.0	3.0	0.4	126.0
B406	505	GEO_Eqn_6.12b_nls12	15412.5	-20.0	120.0	1.0	3.0	0.2	96.0
B406	505	GEO_Eqn_6.12b_nls12	15675	-20.0	126.0	1.0	3.0	-0.1	63.0
B406	505	GEO_Eqn_6.12b_nls12	15675	-41.0	90.0	1.0	4.0	-1.0	52.0
B406	505	GEO_Eqn_6.12b_nls12	15937.5	-41.0	95.0	1.0	4.0	-1.0	27.0
B406	505	GEO_Eqn_6.12b_nls12	16200	-41.0	101.0	1.0	4.0	-2.0	1.0
B406	505	GEO_Eqn_6.12b_nls13	0	1.0	-269.0	0.3	16.0	0.3	-5.0
B406	505	GEO_Eqn_6.12b_nls13	360	1.0	-261.0	0.3	16.0	0.1	90.0
B406	505	GEO_Eqn_6.12b_nls13	720	1.0	-252.0	0.3	16.0	0.0	183.0
B406	505	GEO_Eqn_6.12b_nls13	1080	1.0	-244.0	0.3	16.0	-0.1	272.0
B406	505	GEO_Eqn_6.12b_nls13	1080	0.4	-208.0	-0.1	19.0	-0.1	273.0
B406	505	GEO_Eqn_6.12b_nls13	1440	0.4	-200.0	-0.1	19.0	-0.1	346.0
B406	505	GEO_Eqn_6.12b_nls13	1800	0.3	-192.0	-0.1	19.0	-0.1	417.0
B406	505	GEO_Eqn_6.12b_nls13	2160	0.3	-183.0	-0.1	19.0	0.0	484.0
B406	505	GEO_Eqn_6.12b_nls13	2160	-0.3	-109.0	-0.1	23.0	0.0	485.0
B406	505	GEO_Eqn_6.12b_nls13	2520	-0.3	-101.0	-0.1	23.0	0.0	523.0
B406	505	GEO_Eqn_6.12b_nls13	2880	-0.3	-93.0	-0.1	23.0	0.0	558.0
B406	505	GEO_Eqn_6.12b_nls13	3240	-0.3	-85.0	-0.1	23.0	0.0	590.0
B406	505	GEO_Eqn_6.12b_nls13	3240	-1.0	-4.0	0.1	26.0	0.0	590.0
B406	505	GEO_Eqn_6.12b_nls13	3600	-1.0	5.0	0.1	26.0	0.0	590.0
B406	505	GEO_Eqn_6.12b_nls13	3960	-1.0	13.0	0.0	26.0	0.0	586.0
B406	505	GEO_Eqn_6.12b_nls13	4320	-1.0	21.0	0.0	26.0	0.0	580.0
B406	505	GEO_Eqn_6.12b_nls13	4320	-0.5	117.0	-0.3	31.0	-0.1	578.0
B406	505	GEO_Eqn_6.12b_nls13	4680	-0.5	125.0	-0.3	31.0	0.0	534.0
B406	505	GEO_Eqn_6.12b_nls13	5040	-0.5	133.0	-0.3	31.0	0.1	488.0
B406	505	GEO_Eqn_6.12b_nls13	5400	-0.5	142.0	-0.3	31.0	0.2	438.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls13	5400	-0.1	87.0	0.4	26.0	0.4	477.0
B406	505	GEO_Eqn_6.12b_nls13	5760	-0.1	95.0	0.4	26.0	0.2	444.0
B406	505	GEO_Eqn_6.12b_nls13	6120	-0.1	103.0	0.4	26.0	0.1	408.0
B406	505	GEO_Eqn_6.12b_nls13	6480	-0.1	111.0	0.4	26.0	-0.1	369.0
B406	505	GEO_Eqn_6.12b_nls13	6480	-0.2	201.0	-0.1	30.0	-0.2	369.0
B406	505	GEO_Eqn_6.12b_nls13	6840	-0.2	209.0	-0.1	30.0	-0.1	295.0
B406	505	GEO_Eqn_6.12b_nls13	7200	-0.2	218.0	-0.1	30.0	-0.1	218.0
B406	505	GEO_Eqn_6.12b_nls13	7560	-0.2	226.0	-0.1	30.0	-0.1	138.0
B406	505	GEO_Eqn_6.12b_nls13	7560	-0.2	315.0	0.0	33.0	0.0	137.0
B406	505	GEO_Eqn_6.12b_nls13	7920	-0.2	323.0	0.0	33.0	0.0	22.0
B406	505	GEO_Eqn_6.12b_nls13	8280	-0.2	332.0	0.0	33.0	0.0	-96.0
B406	505	GEO_Eqn_6.12b_nls13	8640	-0.2	340.0	0.0	33.0	0.0	-217.0
B406	505	GEO_Eqn_6.12b_nls13	8640	0.0	428.0	0.1	32.0	-0.1	-220.0
B406	505	GEO_Eqn_6.12b_nls13	9000	0.0	436.0	0.1	32.0	-0.1	-375.0
B406	505	GEO_Eqn_6.12b_nls13	9360	0.0	445.0	0.1	32.0	-0.2	-534.0
B406	505	GEO_Eqn_6.12b_nls13	9720	-0.1	453.0	0.1	32.0	-0.2	-695.0
B406	505	GEO_Eqn_6.12b_nls13	9720	1.0	537.0	-0.4	26.0	-0.1	-700.0
B406	505	GEO_Eqn_6.12b_nls13	10080	1.0	545.0	-0.4	26.0	0.1	-895.0
B406	505	GEO_Eqn_6.12b_nls13	10440	1.0	553.0	-0.4	26.0	0.2	-1092.0
B406	505	GEO_Eqn_6.12b_nls13	10800	1.0	561.0	-0.4	26.0	0.4	-1293.0
B406	505	GEO_Eqn_6.12b_nls13	10800	0.0	-495.0	0.0	22.0	0.0	-1230.0
B406	505	GEO_Eqn_6.12b_nls13	11100	0.0	-488.0	0.0	22.0	0.0	-1083.0
B406	505	GEO_Eqn_6.12b_nls13	11100	0.0	-442.0	0.0	11.0	0.0	-1078.0
B406	505	GEO_Eqn_6.12b_nls13	11500	0.0	-433.0	0.0	11.0	0.0	-903.0
B406	505	GEO_Eqn_6.12b_nls13	11900	0.0	-424.0	0.0	11.0	0.0	-731.0
B406	505	GEO_Eqn_6.12b_nls13	12300	0.0	-415.0	0.0	11.0	0.0	-563.0
B406	505	GEO_Eqn_6.12b_nls13	12300	0.0	-284.0	0.0	-10.0	0.0	-554.0
B406	505	GEO_Eqn_6.12b_nls13	12525	0.0	-278.0	0.0	-10.0	0.0	-490.0
B406	505	GEO_Eqn_6.12b_nls13	12525	-37.0	-420.0	1.0	10.0	2.0	-453.0
B406	505	GEO_Eqn_6.12b_nls13	12787.5	-37.0	-414.0	1.0	10.0	1.0	-343.0
B406	505	GEO_Eqn_6.12b_nls13	13050	-37.0	-408.0	1.0	10.0	1.0	-235.0
B406	505	GEO_Eqn_6.12b_nls13	13050	-16.0	-340.0	1.0	11.0	1.0	-190.0
B406	505	GEO_Eqn_6.12b_nls13	13312.5	-16.0	-334.0	1.0	11.0	0.4	-102.0
B406	505	GEO_Eqn_6.12b_nls13	13575	-16.0	-328.0	1.0	11.0	0.2	-15.0
B406	505	GEO_Eqn_6.12b_nls13	13575	2.0	-39.0	0.1	7.0	-0.2	13.0
B406	505	GEO_Eqn_6.12b_nls13	13750	2.0	-35.0	0.1	7.0	-0.2	19.0
B406	505	GEO_Eqn_6.12b_nls13	13750	14.0	-89.0	0.2	-4.0	-1.0	68.0
B406	505	GEO_Eqn_6.12b_nls13	14100	14.0	-81.0	0.2	-4.0	-1.0	98.0
B406	505	GEO_Eqn_6.12b_nls13	14100	27.0	-119.0	1.0	-5.0	-1.0	119.0
B406	505	GEO_Eqn_6.12b_nls13	14362.5	27.0	-113.0	1.0	-5.0	-1.0	150.0
B406	505	GEO_Eqn_6.12b_nls13	14625	27.0	-107.0	1.0	-5.0	-2.0	178.0
B406	505	GEO_Eqn_6.12b_nls13	14625	27.0	-30.0	0.2	-6.0	-2.0	190.0
B406	505	GEO_Eqn_6.12b_nls13	14975	27.0	-22.0	0.2	-6.0	-2.0	199.0
B406	505	GEO_Eqn_6.12b_nls13	14975	17.0	-4.0	-0.2	-13.0	-2.0	211.0
B406	505	GEO_Eqn_6.12b_nls13	15150	17.0	-0.4	-0.2	-13.0	-2.0	212.0
B406	505	GEO_Eqn_6.12b_nls13	15150	8.0	49.0	-1.0	-15.0	-1.0	207.0
B406	505	GEO_Eqn_6.12b_nls13	15412.5	8.0	55.0	-1.0	-15.0	-0.2	194.0
B406	505	GEO_Eqn_6.12b_nls13	15675	8.0	60.0	-1.0	-15.0	0.2	179.0
B406	505	GEO_Eqn_6.12b_nls13	15675	-15.0	149.0	-1.0	-15.0	2.0	166.0
B406	505	GEO_Eqn_6.12b_nls13	15937.5	-15.0	154.0	-1.0	-15.0	2.0	126.0
B406	505	GEO_Eqn_6.12b_nls13	16200	-15.0	160.0	-1.0	-15.0	3.0	85.0
B406	505	GEO_Eqn_6.12b_nls14	0	0.4	-268.0	-1.0	2.0	-1.0	39.0
B406	505	GEO_Eqn_6.12b_nls14	360	0.4	-259.0	-1.0	2.0	-1.0	134.0
B406	505	GEO_Eqn_6.12b_nls14	720	0.4	-251.0	-1.0	2.0	-0.1	226.0
B406	505	GEO_Eqn_6.12b_nls14	1080	0.4	-243.0	-1.0	2.0	0.3	315.0
B406	505	GEO_Eqn_6.12b_nls14	1080	0.0	-206.0	0.0	5.0	0.3	316.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls14	1440	0.0	-198.0	0.0	5.0	0.3	389.0
B406	505	GEO_Eqn_6.12b_nls14	1800	0.0	-190.0	0.0	5.0	0.3	459.0
B406	505	GEO_Eqn_6.12b_nls14	2160	0.0	-182.0	0.0	5.0	0.3	526.0
B406	505	GEO_Eqn_6.12b_nls14	2160	-0.1	-107.0	0.2	9.0	0.3	526.0
B406	505	GEO_Eqn_6.12b_nls14	2520	-0.1	-99.0	0.2	9.0	0.2	563.0
B406	505	GEO_Eqn_6.12b_nls14	2880	-0.1	-91.0	0.2	9.0	0.2	597.0
B406	505	GEO_Eqn_6.12b_nls14	3240	-0.1	-83.0	0.2	9.0	0.1	628.0
B406	505	GEO_Eqn_6.12b_nls14	3240	0.0	0.0	0.1	11.0	0.1	628.0
B406	505	GEO_Eqn_6.12b_nls14	3600	0.0	8.0	0.1	11.0	0.1	627.0
B406	505	GEO_Eqn_6.12b_nls14	3960	0.0	16.0	0.1	11.0	0.0	623.0
B406	505	GEO_Eqn_6.12b_nls14	4320	0.0	24.0	0.1	11.0	0.0	615.0
B406	505	GEO_Eqn_6.12b_nls14	4320	-0.3	122.0	0.2	14.0	-0.1	612.0
B406	505	GEO_Eqn_6.12b_nls14	4680	-0.3	130.0	0.2	14.0	-0.2	567.0
B406	505	GEO_Eqn_6.12b_nls14	5040	-0.3	138.0	0.2	14.0	-0.3	519.0
B406	505	GEO_Eqn_6.12b_nls14	5400	-0.3	146.0	0.2	14.0	-0.4	468.0
B406	505	GEO_Eqn_6.12b_nls14	5400	1.0	108.0	0.4	17.0	0.4	512.0
B406	505	GEO_Eqn_6.12b_nls14	5760	1.0	116.0	0.4	17.0	0.3	471.0
B406	505	GEO_Eqn_6.12b_nls14	6120	1.0	124.0	0.4	17.0	0.1	428.0
B406	505	GEO_Eqn_6.12b_nls14	6480	1.0	132.0	0.4	17.0	-0.1	382.0
B406	505	GEO_Eqn_6.12b_nls14	6480	0.1	224.0	-0.1	19.0	-0.2	381.0
B406	505	GEO_Eqn_6.12b_nls14	6840	0.1	232.0	-0.1	19.0	-0.2	299.0
B406	505	GEO_Eqn_6.12b_nls14	7200	0.1	240.0	-0.1	19.0	-0.1	214.0
B406	505	GEO_Eqn_6.12b_nls14	7560	0.1	248.0	-0.1	19.0	-0.1	126.0
B406	505	GEO_Eqn_6.12b_nls14	7560	-0.3	339.0	0.0	20.0	-0.1	125.0
B406	505	GEO_Eqn_6.12b_nls14	7920	-0.3	347.0	0.0	20.0	-0.1	1.0
B406	505	GEO_Eqn_6.12b_nls14	8280	-0.3	355.0	0.0	20.0	-0.1	-125.0
B406	505	GEO_Eqn_6.12b_nls14	8640	-0.3	363.0	0.0	20.0	0.0	-255.0
B406	505	GEO_Eqn_6.12b_nls14	8640	-1.0	453.0	0.0	16.0	-0.1	-257.0
B406	505	GEO_Eqn_6.12b_nls14	9000	-1.0	461.0	0.0	16.0	-0.1	-422.0
B406	505	GEO_Eqn_6.12b_nls14	9360	-1.0	469.0	0.0	16.0	-0.1	-589.0
B406	505	GEO_Eqn_6.12b_nls14	9720	-1.0	477.0	0.0	16.0	-0.1	-760.0
B406	505	GEO_Eqn_6.12b_nls14	9720	0.0	563.0	-0.4	7.0	-0.1	-765.0
B406	505	GEO_Eqn_6.12b_nls14	10080	0.0	571.0	-0.4	7.0	0.1	-969.0
B406	505	GEO_Eqn_6.12b_nls14	10440	0.0	579.0	-0.4	7.0	0.2	-1176.0
B406	505	GEO_Eqn_6.12b_nls14	10800	0.0	587.0	-0.4	7.0	0.4	-1386.0
B406	505	GEO_Eqn_6.12b_nls14	10800	0.0	-497.0	0.0	17.0	0.0	-1315.0
B406	505	GEO_Eqn_6.12b_nls14	11100	0.0	-490.0	0.0	17.0	0.0	-1167.0
B406	505	GEO_Eqn_6.12b_nls14	11100	0.0	-451.0	0.0	3.0	0.0	-1162.0
B406	505	GEO_Eqn_6.12b_nls14	11500	0.0	-442.0	0.0	3.0	0.0	-984.0
B406	505	GEO_Eqn_6.12b_nls14	11900	0.0	-433.0	0.0	3.0	0.0	-809.0
B406	505	GEO_Eqn_6.12b_nls14	12300	0.0	-424.0	0.0	3.0	0.0	-638.0
B406	505	GEO_Eqn_6.12b_nls14	12300	0.0	-304.0	0.0	-19.0	0.0	-627.0
B406	505	GEO_Eqn_6.12b_nls14	12525	0.0	-299.0	0.0	-19.0	0.0	-559.0
B406	505	GEO_Eqn_6.12b_nls14	12525	-49.0	-435.0	-0.4	17.0	-1.0	-519.0
B406	505	GEO_Eqn_6.12b_nls14	12787.5	-49.0	-430.0	-0.4	17.0	-1.0	-406.0
B406	505	GEO_Eqn_6.12b_nls14	13050	-49.0	-424.0	-0.4	17.0	-0.4	-294.0
B406	505	GEO_Eqn_6.12b_nls14	13050	-28.0	-373.0	-0.4	18.0	0.0	-246.0
B406	505	GEO_Eqn_6.12b_nls14	13312.5	-28.0	-368.0	-0.4	18.0	0.1	-149.0
B406	505	GEO_Eqn_6.12b_nls14	13575	-28.0	-362.0	-0.4	18.0	0.2	-53.0
B406	505	GEO_Eqn_6.12b_nls14	13575	-6.0	-46.0	0.0	15.0	0.4	-22.0
B406	505	GEO_Eqn_6.12b_nls14	13750	-6.0	-42.0	0.0	15.0	0.4	-14.0
B406	505	GEO_Eqn_6.12b_nls14	13750	9.0	-110.0	-0.2	4.0	-0.2	45.0
B406	505	GEO_Eqn_6.12b_nls14	14100	9.0	-102.0	-0.2	4.0	-0.2	82.0
B406	505	GEO_Eqn_6.12b_nls14	14100	26.0	-175.0	-0.4	2.0	0.2	110.0
B406	505	GEO_Eqn_6.12b_nls14	14362.5	26.0	-169.0	-0.4	2.0	0.3	155.0
B406	505	GEO_Eqn_6.12b_nls14	14625	26.0	-163.0	-0.4	2.0	0.4	199.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls14	14625	30.0	-64.0	-0.1	2.0	1.0	219.0
B406	505	GEO_Eqn_6.12b_nls14	14975	30.0	-56.0	-0.1	2.0	1.0	240.0
B406	505	GEO_Eqn_6.12b_nls14	14975	25.0	-16.0	0.1	-5.0	1.0	270.0
B406	505	GEO_Eqn_6.12b_nls14	15150	25.0	-12.0	0.1	-5.0	1.0	272.0
B406	505	GEO_Eqn_6.12b_nls14	15150	20.0	-44.0	1.0	-6.0	1.0	275.0
B406	505	GEO_Eqn_6.12b_nls14	15412.5	20.0	-38.0	1.0	-6.0	0.3	286.0
B406	505	GEO_Eqn_6.12b_nls14	15675	20.0	-32.0	1.0	-6.0	0.0	295.0
B406	505	GEO_Eqn_6.12b_nls14	15675	-2.0	54.0	1.0	-6.0	-1.0	295.0
B406	505	GEO_Eqn_6.12b_nls14	15937.5	-2.0	60.0	1.0	-6.0	-1.0	280.0
B406	505	GEO_Eqn_6.12b_nls14	16200	-2.0	66.0	1.0	-6.0	-1.0	263.0
B406	505	GEO_Eqn_6.12b_nls15	0	-0.1	-174.0	2.0	20.0	1.0	-131.0
B406	505	GEO_Eqn_6.12b_nls15	360	-0.1	-166.0	2.0	20.0	1.0	-70.0
B406	505	GEO_Eqn_6.12b_nls15	720	-0.1	-158.0	2.0	20.0	0.0	-12.0
B406	505	GEO_Eqn_6.12b_nls15	1080	-0.1	-149.0	2.0	20.0	-1.0	44.0
B406	505	GEO_Eqn_6.12b_nls15	1080	0.0	-112.0	-0.2	22.0	-1.0	44.0
B406	505	GEO_Eqn_6.12b_nls15	1440	0.0	-104.0	-0.2	22.0	-0.5	83.0
B406	505	GEO_Eqn_6.12b_nls15	1800	0.0	-96.0	-0.2	22.0	-0.4	119.0
B406	505	GEO_Eqn_6.12b_nls15	2160	0.0	-88.0	-0.2	22.0	-0.4	152.0
B406	505	GEO_Eqn_6.12b_nls15	2160	-0.4	-15.0	-0.4	23.0	-0.3	152.0
B406	505	GEO_Eqn_6.12b_nls15	2520	-0.4	-7.0	-0.4	23.0	-0.2	156.0
B406	505	GEO_Eqn_6.12b_nls15	2880	-0.4	1.0	-0.4	23.0	-0.1	157.0
B406	505	GEO_Eqn_6.12b_nls15	3240	-0.4	10.0	-0.4	23.0	0.1	155.0
B406	505	GEO_Eqn_6.12b_nls15	3240	-0.3	89.0	-0.2	20.0	0.1	155.0
B406	505	GEO_Eqn_6.12b_nls15	3600	-0.3	97.0	-0.2	20.0	0.1	121.0
B406	505	GEO_Eqn_6.12b_nls15	3960	-0.3	105.0	-0.2	20.0	0.2	85.0
B406	505	GEO_Eqn_6.12b_nls15	4320	-0.3	113.0	-0.2	20.0	0.2	46.0
B406	505	GEO_Eqn_6.12b_nls15	4320	1.0	206.0	1.0	17.0	0.4	43.0
B406	505	GEO_Eqn_6.12b_nls15	4680	1.0	214.0	1.0	17.0	0.2	-33.0
B406	505	GEO_Eqn_6.12b_nls15	5040	1.0	222.0	1.0	17.0	0.0	-111.0
B406	505	GEO_Eqn_6.12b_nls15	5400	1.0	230.0	1.0	17.0	-0.1	-193.0
B406	505	GEO_Eqn_6.12b_nls15	5400	-2.0	-275.0	-1.0	10.0	-1.0	-226.0
B406	505	GEO_Eqn_6.12b_nls15	5760	-2.0	-267.0	-1.0	10.0	-0.4	-129.0
B406	505	GEO_Eqn_6.12b_nls15	6120	-2.0	-259.0	-1.0	10.0	-0.1	-34.0
B406	505	GEO_Eqn_6.12b_nls15	6480	-2.0	-251.0	-1.0	10.0	0.2	58.0
B406	505	GEO_Eqn_6.12b_nls15	6480	-0.5	-164.0	0.2	9.0	0.4	59.0
B406	505	GEO_Eqn_6.12b_nls15	6840	-0.5	-156.0	0.2	9.0	0.3	117.0
B406	505	GEO_Eqn_6.12b_nls15	7200	-0.5	-148.0	0.2	9.0	0.2	171.0
B406	505	GEO_Eqn_6.12b_nls15	7560	-0.5	-140.0	0.2	9.0	0.1	223.0
B406	505	GEO_Eqn_6.12b_nls15	7560	1.0	-53.0	0.1	9.0	0.2	223.0
B406	505	GEO_Eqn_6.12b_nls15	7920	1.0	-45.0	0.1	9.0	0.1	241.0
B406	505	GEO_Eqn_6.12b_nls15	8280	1.0	-37.0	0.1	9.0	0.1	256.0
B406	505	GEO_Eqn_6.12b_nls15	8640	1.0	-28.0	0.1	9.0	0.0	267.0
B406	505	GEO_Eqn_6.12b_nls15	8640	1.0	58.0	0.0	9.0	0.1	267.0
B406	505	GEO_Eqn_6.12b_nls15	9000	1.0	66.0	0.0	9.0	0.1	244.0
B406	505	GEO_Eqn_6.12b_nls15	9360	1.0	75.0	0.0	9.0	0.1	219.0
B406	505	GEO_Eqn_6.12b_nls15	9720	1.0	83.0	0.0	9.0	0.1	190.0
B406	505	GEO_Eqn_6.12b_nls15	9720	1.0	165.0	1.0	5.0	0.1	188.0
B406	505	GEO_Eqn_6.12b_nls15	10080	1.0	173.0	1.0	5.0	-0.1	127.0
B406	505	GEO_Eqn_6.12b_nls15	10440	1.0	181.0	1.0	5.0	-0.3	63.0
B406	505	GEO_Eqn_6.12b_nls15	10800	1.0	190.0	1.0	5.0	-0.5	-4.0
B406	505	GEO_Eqn_6.12b_nls15	10800	0.0	-442.0	0.0	-10.0	0.0	-42.0
B406	505	GEO_Eqn_6.12b_nls15	11100	0.0	-435.0	0.0	-10.0	0.0	90.0
B406	505	GEO_Eqn_6.12b_nls15	11100	0.0	-280.0	0.0	-19.0	0.0	99.0
B406	505	GEO_Eqn_6.12b_nls15	11500	0.0	-271.0	0.0	-19.0	0.0	209.0
B406	505	GEO_Eqn_6.12b_nls15	11900	0.0	-262.0	0.0	-19.0	0.0	316.0
B406	505	GEO_Eqn_6.12b_nls15	12300	0.0	-253.0	0.0	-19.0	0.0	418.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls15	12300	0.0	-29.0	0.0	-37.0	0.0	416.0
B406	505	GEO_Eqn_6.12b_nls15	12525	0.0	-24.0	0.0	-37.0	0.0	422.0
B406	505	GEO_Eqn_6.12b_nls15	12525	-27.0	-76.0	0.1	13.0	0.2	418.0
B406	505	GEO_Eqn_6.12b_nls15	12787.5	-27.0	-70.0	0.1	13.0	0.2	437.0
B406	505	GEO_Eqn_6.12b_nls15	13050	-27.0	-64.0	0.1	13.0	0.1	454.0
B406	505	GEO_Eqn_6.12b_nls15	13050	14.0	70.0	-0.2	14.0	0.1	451.0
B406	505	GEO_Eqn_6.12b_nls15	13312.5	14.0	76.0	-0.2	14.0	0.2	432.0
B406	505	GEO_Eqn_6.12b_nls15	13575	14.0	82.0	-0.2	14.0	0.2	412.0
B406	505	GEO_Eqn_6.12b_nls15	13575	28.0	17.0	0.0	11.0	0.2	406.0
B406	505	GEO_Eqn_6.12b_nls15	13750	28.0	21.0	0.0	11.0	0.2	402.0
B406	505	GEO_Eqn_6.12b_nls15	13750	38.0	76.0	0.1	0.4	0.1	366.0
B406	505	GEO_Eqn_6.12b_nls15	14100	38.0	84.0	0.1	0.4	0.0	338.0
B406	505	GEO_Eqn_6.12b_nls15	14100	38.0	169.0	0.4	-1.0	-0.3	313.0
B406	505	GEO_Eqn_6.12b_nls15	14362.5	38.0	174.0	0.4	-1.0	-0.4	268.0
B406	505	GEO_Eqn_6.12b_nls15	14625	38.0	180.0	0.4	-1.0	-0.4	221.0
B406	505	GEO_Eqn_6.12b_nls15	14625	19.0	73.0	0.1	-1.0	-1.0	199.0
B406	505	GEO_Eqn_6.12b_nls15	14975	19.0	81.0	0.1	-1.0	-1.0	172.0
B406	505	GEO_Eqn_6.12b_nls15	14975	1.0	29.0	0.0	-7.0	-0.4	131.0
B406	505	GEO_Eqn_6.12b_nls15	15150	1.0	33.0	0.0	-7.0	-0.4	126.0
B406	505	GEO_Eqn_6.12b_nls15	15150	-23.0	191.0	-0.3	-9.0	-0.1	108.0
B406	505	GEO_Eqn_6.12b_nls15	15412.5	-23.0	197.0	-0.3	-9.0	0.0	57.0
B406	505	GEO_Eqn_6.12b_nls15	15675	-23.0	203.0	-0.3	-9.0	0.1	4.0
B406	505	GEO_Eqn_6.12b_nls15	15675	-50.0	185.0	-0.4	-8.0	0.4	-18.0
B406	505	GEO_Eqn_6.12b_nls15	15937.5	-50.0	191.0	-0.4	-8.0	1.0	-67.0
B406	505	GEO_Eqn_6.12b_nls15	16200	-50.0	197.0	-0.4	-8.0	1.0	-118.0
B406	505	GEO_Eqn_6.12b_nls16	0	-1.0	-167.0	-0.3	6.0	-0.3	-81.0
B406	505	GEO_Eqn_6.12b_nls16	360	-1.0	-159.0	-0.3	6.0	-0.2	-22.0
B406	505	GEO_Eqn_6.12b_nls16	720	-1.0	-151.0	-0.3	6.0	-0.1	34.0
B406	505	GEO_Eqn_6.12b_nls16	1080	-1.0	-143.0	-0.3	6.0	0.0	86.0
B406	505	GEO_Eqn_6.12b_nls16	1080	-1.0	-105.0	-0.1	7.0	0.0	87.0
B406	505	GEO_Eqn_6.12b_nls16	1440	-1.0	-96.0	-0.1	7.0	0.0	123.0
B406	505	GEO_Eqn_6.12b_nls16	1800	-1.0	-88.0	-0.1	7.0	0.1	156.0
B406	505	GEO_Eqn_6.12b_nls16	2160	-1.0	-80.0	-0.1	7.0	0.1	187.0
B406	505	GEO_Eqn_6.12b_nls16	2160	-0.1	-6.0	0.0	7.0	0.1	187.0
B406	505	GEO_Eqn_6.12b_nls16	2520	-0.1	2.0	0.0	7.0	0.1	188.0
B406	505	GEO_Eqn_6.12b_nls16	2880	-0.1	10.0	0.0	7.0	0.1	186.0
B406	505	GEO_Eqn_6.12b_nls16	3240	-0.1	18.0	0.0	7.0	0.1	181.0
B406	505	GEO_Eqn_6.12b_nls16	3240	0.5	98.0	-0.1	3.0	0.2	180.0
B406	505	GEO_Eqn_6.12b_nls16	3600	0.5	106.0	-0.1	3.0	0.2	143.0
B406	505	GEO_Eqn_6.12b_nls16	3960	0.5	114.0	-0.1	3.0	0.2	104.0
B406	505	GEO_Eqn_6.12b_nls16	4320	0.5	123.0	-0.1	3.0	0.3	61.0
B406	505	GEO_Eqn_6.12b_nls16	4320	1.0	216.0	1.0	-1.0	0.4	58.0
B406	505	GEO_Eqn_6.12b_nls16	4680	1.0	224.0	1.0	-1.0	0.0	-21.0
B406	505	GEO_Eqn_6.12b_nls16	5040	1.0	233.0	1.0	-1.0	-0.4	-104.0
B406	505	GEO_Eqn_6.12b_nls16	5400	1.0	241.0	1.0	-1.0	-1.0	-189.0
B406	505	GEO_Eqn_6.12b_nls16	5400	-1.0	-264.0	-1.0	1.0	-1.0	-218.0
B406	505	GEO_Eqn_6.12b_nls16	5760	-1.0	-256.0	-1.0	1.0	-0.4	-125.0
B406	505	GEO_Eqn_6.12b_nls16	6120	-1.0	-248.0	-1.0	1.0	-0.1	-34.0
B406	505	GEO_Eqn_6.12b_nls16	6480	-1.0	-240.0	-1.0	1.0	0.2	54.0
B406	505	GEO_Eqn_6.12b_nls16	6480	0.0	-151.0	0.2	-3.0	0.3	55.0
B406	505	GEO_Eqn_6.12b_nls16	6840	0.0	-143.0	0.2	-3.0	0.3	108.0
B406	505	GEO_Eqn_6.12b_nls16	7200	0.0	-135.0	0.2	-3.0	0.2	158.0
B406	505	GEO_Eqn_6.12b_nls16	7560	0.0	-127.0	0.2	-3.0	0.1	205.0
B406	505	GEO_Eqn_6.12b_nls16	7560	0.4	-39.0	0.1	-6.0	0.1	205.0
B406	505	GEO_Eqn_6.12b_nls16	7920	0.4	-31.0	0.0	-6.0	0.1	218.0
B406	505	GEO_Eqn_6.12b_nls16	8280	0.4	-23.0	0.0	-6.0	0.1	228.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B406	505	GEO_Eqn_6.12b_nls16	8640	0.4	-15.0	0.0	-6.0	0.0	234.0
B406	505	GEO_Eqn_6.12b_nls16	8640	0.4	74.0	-0.1	-9.0	0.1	234.0
B406	505	GEO_Eqn_6.12b_nls16	9000	0.4	82.0	-0.1	-9.0	0.1	206.0
B406	505	GEO_Eqn_6.12b_nls16	9360	0.4	90.0	-0.1	-9.0	0.2	175.0
B406	505	GEO_Eqn_6.12b_nls16	9720	0.4	98.0	-0.1	-9.0	0.2	141.0
B406	505	GEO_Eqn_6.12b_nls16	9720	-0.1	182.0	1.0	-16.0	0.1	138.0
B406	505	GEO_Eqn_6.12b_nls16	10080	-0.1	190.0	1.0	-16.0	-0.1	71.0
B406	505	GEO_Eqn_6.12b_nls16	10440	-0.1	198.0	1.0	-16.0	-0.3	1.0
B406	505	GEO_Eqn_6.12b_nls16	10800	-0.1	206.0	1.0	-16.0	-1.0	-71.0
B406	505	GEO_Eqn_6.12b_nls16	10800	0.0	-439.0	0.0	-17.0	0.0	-105.0
B406	505	GEO_Eqn_6.12b_nls16	11100	0.0	-432.0	0.0	-17.0	0.0	26.0
B406	505	GEO_Eqn_6.12b_nls16	11100	0.0	-284.0	0.0	-27.0	0.0	35.0
B406	505	GEO_Eqn_6.12b_nls16	11500	0.0	-275.0	0.0	-27.0	0.0	147.0
B406	505	GEO_Eqn_6.12b_nls16	11900	0.0	-266.0	0.0	-27.0	0.0	255.0
B406	505	GEO_Eqn_6.12b_nls16	12300	0.0	-257.0	0.0	-27.0	0.0	359.0
B406	505	GEO_Eqn_6.12b_nls16	12300	0.0	-42.0	0.0	-47.0	0.0	358.0
B406	505	GEO_Eqn_6.12b_nls16	12525	0.0	-37.0	0.0	-47.0	0.0	367.0
B406	505	GEO_Eqn_6.12b_nls16	12525	-58.0	-76.0	-1.0	18.0	-3.0	362.0
B406	505	GEO_Eqn_6.12b_nls16	12787.5	-58.0	-70.0	-1.0	18.0	-2.0	381.0
B406	505	GEO_Eqn_6.12b_nls16	13050	-58.0	-64.0	-1.0	18.0	-2.0	399.0
B406	505	GEO_Eqn_6.12b_nls16	13050	-14.0	50.0	-2.0	19.0	-1.0	397.0
B406	505	GEO_Eqn_6.12b_nls16	13312.5	-14.0	56.0	-2.0	19.0	-0.2	383.0
B406	505	GEO_Eqn_6.12b_nls16	13575	-14.0	62.0	-2.0	19.0	0.3	368.0
B406	505	GEO_Eqn_6.12b_nls16	13575	7.0	11.0	-0.2	16.0	1.0	364.0
B406	505	GEO_Eqn_6.12b_nls16	13750	7.0	15.0	-0.2	16.0	1.0	361.0
B406	505	GEO_Eqn_6.12b_nls16	13750	22.0	59.0	-0.3	6.0	1.0	333.0
B406	505	GEO_Eqn_6.12b_nls16	14100	22.0	67.0	-0.3	6.0	1.0	311.0
B406	505	GEO_Eqn_6.12b_nls16	14100	32.0	111.0	-1.0	5.0	2.0	292.0
B406	505	GEO_Eqn_6.12b_nls16	14362.5	32.0	117.0	-1.0	5.0	2.0	262.0
B406	505	GEO_Eqn_6.12b_nls16	14625	32.0	123.0	-1.0	5.0	2.0	231.0
B406	505	GEO_Eqn_6.12b_nls16	14625	25.0	33.0	-0.2	5.0	2.0	218.0
B406	505	GEO_Eqn_6.12b_nls16	14975	25.0	41.0	-0.2	5.0	2.0	205.0
B406	505	GEO_Eqn_6.12b_nls16	14975	19.0	16.0	0.3	0.1	3.0	184.0
B406	505	GEO_Eqn_6.12b_nls16	15150	19.0	20.0	0.3	0.1	3.0	181.0
B406	505	GEO_Eqn_6.12b_nls16	15150	8.0	71.0	2.0	-1.0	1.0	172.0
B406	505	GEO_Eqn_6.12b_nls16	15412.5	8.0	77.0	2.0	-1.0	1.0	152.0
B406	505	GEO_Eqn_6.12b_nls16	15675	8.0	83.0	2.0	-1.0	-0.1	131.0
B406	505	GEO_Eqn_6.12b_nls16	15675	-8.0	50.0	2.0	-1.0	-3.0	124.0
B406	505	GEO_Eqn_6.12b_nls16	15937.5	-8.0	55.0	2.0	-1.0	-3.0	111.0
B406	505	GEO_Eqn_6.12b_nls16	16200	-8.0	61.0	2.0	-1.0	-4.0	95.0
B408	653	GEO_Eqn_6.12b_nls01	0	0.0	-47.0	0.0	19.0	0.0	-6.0
B408	653	GEO_Eqn_6.12b_nls01	499.77	0.0	-40.0	0.0	19.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls01	999.53	0.0	-32.0	0.0	19.0	0.0	34.0
B408	653	GEO_Eqn_6.12b_nls01	1499.3	0.0	-25.0	0.0	19.0	0.0	48.0
B408	653	GEO_Eqn_6.12b_nls01	1999.06	0.0	-17.0	0.0	19.0	0.0	59.0
B408	653	GEO_Eqn_6.12b_nls01	2498.83	0.0	-10.0	0.0	19.0	0.0	66.0
B408	653	GEO_Eqn_6.12b_nls01	2998.59	0.0	-2.0	0.0	19.0	0.0	69.0
B408	653	GEO_Eqn_6.12b_nls01	3498.36	0.0	5.0	0.0	19.0	0.0	68.0
B408	653	GEO_Eqn_6.12b_nls01	3998.12	0.0	13.0	0.0	19.0	0.0	64.0
B408	653	GEO_Eqn_6.12b_nls01	4497.89	0.0	20.0	0.0	19.0	0.0	55.0
B408	653	GEO_Eqn_6.12b_nls01	4997.65	0.0	28.0	0.0	19.0	0.0	44.0
B408	653	GEO_Eqn_6.12b_nls01	5497.42	0.0	35.0	0.0	19.0	0.0	28.0
B408	653	GEO_Eqn_6.12b_nls01	5497.42	0.0	-40.0	0.0	-0.4	0.0	-37.0
B408	653	GEO_Eqn_6.12b_nls01	5997.18	0.0	-33.0	0.0	-0.4	0.0	-19.0
B408	653	GEO_Eqn_6.12b_nls01	6496.95	0.0	-25.0	0.0	-0.4	0.0	-4.0
B408	653	GEO_Eqn_6.12b_nls01	6996.71	0.0	-18.0	0.0	-0.4	0.0	6.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls01	7496.48	0.0	-10.0	0.0	-0.4	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls01	7996.24	0.0	-3.0	0.0	-0.4	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls01	8496.01	0.0	5.0	0.0	-0.4	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls01	8995.77	0.0	12.0	0.0	-0.4	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls01	9495.54	0.0	20.0	0.0	-0.4	0.0	4.0
B408	653	GEO_Eqn_6.12b_nls01	9995.3	0.0	27.0	0.0	-0.4	0.0	-8.0
B408	653	GEO_Eqn_6.12b_nls01	10495.07	0.0	35.0	0.0	-0.4	0.0	-23.0
B408	653	GEO_Eqn_6.12b_nls01	10994.84	0.0	42.0	0.0	-0.4	0.0	-42.0
B408	653	GEO_Eqn_6.12b_nls01	10994.84	0.0	-65.0	0.0	-18.0	0.0	-126.0
B408	653	GEO_Eqn_6.12b_nls01	11494.6	0.0	-58.0	0.0	-18.0	0.0	-95.0
B408	653	GEO_Eqn_6.12b_nls01	11994.37	0.0	-50.0	0.0	-18.0	0.0	-68.0
B408	653	GEO_Eqn_6.12b_nls01	12494.13	0.0	-43.0	0.0	-18.0	0.0	-45.0
B408	653	GEO_Eqn_6.12b_nls01	12993.9	0.0	-35.0	0.0	-18.0	0.0	-26.0
B408	653	GEO_Eqn_6.12b_nls01	13493.66	0.0	-28.0	0.0	-18.0	0.0	-10.0
B408	653	GEO_Eqn_6.12b_nls01	13993.43	0.0	-20.0	0.0	-18.0	0.0	2.0
B408	653	GEO_Eqn_6.12b_nls01	14493.19	0.0	-13.0	0.0	-18.0	0.0	10.0
B408	653	GEO_Eqn_6.12b_nls01	14992.96	0.0	-5.0	0.0	-18.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls01	15492.72	0.0	2.0	0.0	-18.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls01	15992.49	0.0	10.0	0.0	-18.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls01	16492.25	0.0	17.0	0.0	-18.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls02	0	0.0	-33.0	0.0	19.0	0.0	-0.3
B408	653	GEO_Eqn_6.12b_nls02	499.77	0.0	-26.0	0.0	19.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls02	999.53	0.0	-18.0	0.0	19.0	0.0	26.0
B408	653	GEO_Eqn_6.12b_nls02	1499.3	0.0	-11.0	0.0	19.0	0.0	33.0
B408	653	GEO_Eqn_6.12b_nls02	1999.06	0.0	-3.0	0.0	19.0	0.0	36.0
B408	653	GEO_Eqn_6.12b_nls02	2498.83	0.0	4.0	0.0	19.0	0.0	36.0
B408	653	GEO_Eqn_6.12b_nls02	2998.59	0.0	12.0	0.0	19.0	0.0	32.0
B408	653	GEO_Eqn_6.12b_nls02	3498.36	0.0	19.0	0.0	19.0	0.0	25.0
B408	653	GEO_Eqn_6.12b_nls02	3998.12	0.0	27.0	0.0	19.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls02	4497.89	0.0	34.0	0.0	19.0	0.0	-2.0
B408	653	GEO_Eqn_6.12b_nls02	4997.65	0.0	42.0	0.0	19.0	0.0	-21.0
B408	653	GEO_Eqn_6.12b_nls02	5497.42	0.0	49.0	0.0	19.0	0.0	-43.0
B408	653	GEO_Eqn_6.12b_nls02	5497.42	0.0	-41.0	0.0	-1.0	0.0	-40.0
B408	653	GEO_Eqn_6.12b_nls02	5997.18	0.0	-34.0	0.0	-1.0	0.0	-21.0
B408	653	GEO_Eqn_6.12b_nls02	6496.95	0.0	-26.0	0.0	-1.0	0.0	-6.0
B408	653	GEO_Eqn_6.12b_nls02	6996.71	0.0	-19.0	0.0	-1.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls02	7496.48	0.0	-11.0	0.0	-1.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls02	7996.24	0.0	-4.0	0.0	-1.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls02	8496.01	0.0	4.0	0.0	-1.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls02	8995.77	0.0	11.0	0.0	-1.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls02	9495.54	0.0	19.0	0.0	-1.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls02	9995.3	0.0	26.0	0.0	-1.0	0.0	-6.0
B408	653	GEO_Eqn_6.12b_nls02	10495.07	0.0	34.0	0.0	-1.0	0.0	-21.0
B408	653	GEO_Eqn_6.12b_nls02	10994.84	0.0	41.0	0.0	-1.0	0.0	-40.0
B408	653	GEO_Eqn_6.12b_nls02	10994.84	0.0	-51.0	0.0	-18.0	0.0	-54.0
B408	653	GEO_Eqn_6.12b_nls02	11494.6	0.0	-44.0	0.0	-18.0	0.0	-31.0
B408	653	GEO_Eqn_6.12b_nls02	11994.37	0.0	-36.0	0.0	-18.0	0.0	-11.0
B408	653	GEO_Eqn_6.12b_nls02	12494.13	0.0	-29.0	0.0	-18.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls02	12993.9	0.0	-21.0	0.0	-18.0	0.0	18.0
B408	653	GEO_Eqn_6.12b_nls02	13493.66	0.0	-14.0	0.0	-18.0	0.0	27.0
B408	653	GEO_Eqn_6.12b_nls02	13993.43	0.0	-6.0	0.0	-18.0	0.0	31.0
B408	653	GEO_Eqn_6.12b_nls02	14493.19	0.0	1.0	0.0	-18.0	0.0	33.0
B408	653	GEO_Eqn_6.12b_nls02	14992.96	0.0	9.0	0.0	-18.0	0.0	30.0
B408	653	GEO_Eqn_6.12b_nls02	15492.72	0.0	16.0	0.0	-18.0	0.0	24.0
B408	653	GEO_Eqn_6.12b_nls02	15992.49	0.0	24.0	0.0	-18.0	0.0	14.0
B408	653	GEO_Eqn_6.12b_nls02	16492.25	0.0	31.0	0.0	-18.0	0.0	-0.1

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls03	0	0.0	-38.0	0.0	20.0	0.0	-3.0
B408	653	GEO_Eqn_6.12b_nls03	499.77	0.0	-30.0	0.0	20.0	0.0	14.0
B408	653	GEO_Eqn_6.12b_nls03	999.53	0.0	-23.0	0.0	20.0	0.0	28.0
B408	653	GEO_Eqn_6.12b_nls03	1499.3	0.0	-15.0	0.0	20.0	0.0	37.0
B408	653	GEO_Eqn_6.12b_nls03	1999.06	0.0	-8.0	0.0	20.0	0.0	43.0
B408	653	GEO_Eqn_6.12b_nls03	2498.83	0.0	-0.4	0.0	20.0	0.0	45.0
B408	653	GEO_Eqn_6.12b_nls03	2998.59	0.0	7.0	0.0	20.0	0.0	44.0
B408	653	GEO_Eqn_6.12b_nls03	3498.36	0.0	15.0	0.0	20.0	0.0	38.0
B408	653	GEO_Eqn_6.12b_nls03	3998.12	0.0	22.0	0.0	20.0	0.0	29.0
B408	653	GEO_Eqn_6.12b_nls03	4497.89	0.0	30.0	0.0	20.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls03	4997.65	0.0	37.0	0.0	20.0	0.0	-1.0
B408	653	GEO_Eqn_6.12b_nls03	5497.42	0.0	45.0	0.0	20.0	0.0	-21.0
B408	653	GEO_Eqn_6.12b_nls03	5497.42	0.0	-41.0	0.0	-4.0	0.0	-39.0
B408	653	GEO_Eqn_6.12b_nls03	5997.18	0.0	-33.0	0.0	-4.0	0.0	-20.0
B408	653	GEO_Eqn_6.12b_nls03	6496.95	0.0	-26.0	0.0	-4.0	0.0	-6.0
B408	653	GEO_Eqn_6.12b_nls03	6996.71	0.0	-18.0	0.0	-4.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls03	7496.48	0.0	-11.0	0.0	-4.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls03	7996.24	0.0	-3.0	0.0	-4.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls03	8496.01	0.0	4.0	0.0	-4.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls03	8995.77	0.0	12.0	0.0	-4.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls03	9495.54	0.0	19.0	0.0	-4.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls03	9995.3	0.0	27.0	0.0	-4.0	0.0	-7.0
B408	653	GEO_Eqn_6.12b_nls03	10495.07	0.0	34.0	0.0	-4.0	0.0	-22.0
B408	653	GEO_Eqn_6.12b_nls03	10994.84	0.0	42.0	0.0	-4.0	0.0	-41.0
B408	653	GEO_Eqn_6.12b_nls03	10994.84	0.0	-56.0	0.0	-26.0	0.0	-80.0
B408	653	GEO_Eqn_6.12b_nls03	11494.6	0.0	-49.0	0.0	-26.0	0.0	-53.0
B408	653	GEO_Eqn_6.12b_nls03	11994.37	0.0	-41.0	0.0	-26.0	0.0	-31.0
B408	653	GEO_Eqn_6.12b_nls03	12494.13	0.0	-34.0	0.0	-26.0	0.0	-12.0
B408	653	GEO_Eqn_6.12b_nls03	12993.9	0.0	-26.0	0.0	-26.0	0.0	3.0
B408	653	GEO_Eqn_6.12b_nls03	13493.66	0.0	-19.0	0.0	-26.0	0.0	14.0
B408	653	GEO_Eqn_6.12b_nls03	13993.43	0.0	-11.0	0.0	-26.0	0.0	22.0
B408	653	GEO_Eqn_6.12b_nls03	14493.19	0.0	-4.0	0.0	-26.0	0.0	26.0
B408	653	GEO_Eqn_6.12b_nls03	14992.96	0.0	4.0	0.0	-26.0	0.0	26.0
B408	653	GEO_Eqn_6.12b_nls03	15492.72	0.0	11.0	0.0	-26.0	0.0	22.0
B408	653	GEO_Eqn_6.12b_nls03	15992.49	0.0	19.0	0.0	-26.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls03	16492.25	0.0	26.0	0.0	-26.0	0.0	3.0
B408	653	GEO_Eqn_6.12b_nls04	0	0.0	-5.0	0.0	20.0	0.0	9.0
B408	653	GEO_Eqn_6.12b_nls04	499.77	0.0	2.0	0.0	20.0	0.0	10.0
B408	653	GEO_Eqn_6.12b_nls04	999.53	0.0	10.0	0.0	20.0	0.0	7.0
B408	653	GEO_Eqn_6.12b_nls04	1499.3	0.0	17.0	0.0	20.0	0.0	1.0
B408	653	GEO_Eqn_6.12b_nls04	1999.06	0.0	25.0	0.0	20.0	0.0	-10.0
B408	653	GEO_Eqn_6.12b_nls04	2498.83	0.0	32.0	0.0	20.0	0.0	-24.0
B408	653	GEO_Eqn_6.12b_nls04	2998.59	0.0	39.0	0.0	20.0	0.0	-42.0
B408	653	GEO_Eqn_6.12b_nls04	3498.36	0.0	47.0	0.0	20.0	0.0	-63.0
B408	653	GEO_Eqn_6.12b_nls04	3998.12	0.0	54.0	0.0	20.0	0.0	-89.0
B408	653	GEO_Eqn_6.12b_nls04	4497.89	0.0	62.0	0.0	20.0	0.0	-118.0
B408	653	GEO_Eqn_6.12b_nls04	4997.65	0.0	69.0	0.0	20.0	0.0	-151.0
B408	653	GEO_Eqn_6.12b_nls04	5497.42	0.0	77.0	0.0	20.0	0.0	-187.0
B408	653	GEO_Eqn_6.12b_nls04	5497.42	0.0	-45.0	0.0	-5.0	0.0	-52.0
B408	653	GEO_Eqn_6.12b_nls04	5997.18	0.0	-38.0	0.0	-5.0	0.0	-32.0
B408	653	GEO_Eqn_6.12b_nls04	6496.95	0.0	-30.0	0.0	-5.0	0.0	-15.0
B408	653	GEO_Eqn_6.12b_nls04	6996.71	0.0	-23.0	0.0	-5.0	0.0	-1.0
B408	653	GEO_Eqn_6.12b_nls04	7496.48	0.0	-15.0	0.0	-5.0	0.0	8.0
B408	653	GEO_Eqn_6.12b_nls04	7996.24	0.0	-8.0	0.0	-5.0	0.0	14.0
B408	653	GEO_Eqn_6.12b_nls04	8496.01	0.0	-0.3	0.0	-5.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls04	8995.77	0.0	7.0	0.0	-5.0	0.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls04	9495.54	0.0	15.0	0.0	-5.0	0.0	9.0
B408	653	GEO_Eqn_6.12b_nls04	9995.3	0.0	22.0	0.0	-5.0	0.0	-1.0
B408	653	GEO_Eqn_6.12b_nls04	10495.07	0.0	30.0	0.0	-5.0	0.0	-14.0
B408	653	GEO_Eqn_6.12b_nls04	10994.84	0.0	37.0	0.0	-5.0	0.0	-30.0
B408	653	GEO_Eqn_6.12b_nls04	10994.84	0.0	-27.0	0.0	-27.0	0.0	70.0
B408	653	GEO_Eqn_6.12b_nls04	11494.6	0.0	-20.0	0.0	-27.0	0.0	82.0
B408	653	GEO_Eqn_6.12b_nls04	11994.37	0.0	-12.0	0.0	-27.0	0.0	90.0
B408	653	GEO_Eqn_6.12b_nls04	12494.13	0.0	-5.0	0.0	-27.0	0.0	94.0
B408	653	GEO_Eqn_6.12b_nls04	12993.9	0.0	3.0	0.0	-27.0	0.0	94.0
B408	653	GEO_Eqn_6.12b_nls04	13493.66	0.0	10.0	0.0	-27.0	0.0	91.0
B408	653	GEO_Eqn_6.12b_nls04	13993.43	0.0	18.0	0.0	-27.0	0.0	84.0
B408	653	GEO_Eqn_6.12b_nls04	14493.19	0.0	25.0	0.0	-27.0	0.0	73.0
B408	653	GEO_Eqn_6.12b_nls04	14992.96	0.0	33.0	0.0	-27.0	0.0	59.0
B408	653	GEO_Eqn_6.12b_nls04	15492.72	0.0	40.0	0.0	-27.0	0.0	40.0
B408	653	GEO_Eqn_6.12b_nls04	15992.49	0.0	48.0	0.0	-27.0	0.0	18.0
B408	653	GEO_Eqn_6.12b_nls04	16492.25	0.0	55.0	0.0	-27.0	0.0	-7.0
B408	653	GEO_Eqn_6.12b_nls05	0	0.0	-40.0	0.0	18.0	0.0	-3.0
B408	653	GEO_Eqn_6.12b_nls05	499.77	0.0	-32.0	0.0	18.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls05	999.53	0.0	-25.0	0.0	18.0	0.0	29.0
B408	653	GEO_Eqn_6.12b_nls05	1499.3	0.0	-17.0	0.0	18.0	0.0	40.0
B408	653	GEO_Eqn_6.12b_nls05	1999.06	0.0	-10.0	0.0	18.0	0.0	47.0
B408	653	GEO_Eqn_6.12b_nls05	2498.83	0.0	-2.0	0.0	18.0	0.0	50.0
B408	653	GEO_Eqn_6.12b_nls05	2998.59	0.0	5.0	0.0	18.0	0.0	49.0
B408	653	GEO_Eqn_6.12b_nls05	3498.36	0.0	13.0	0.0	18.0	0.0	44.0
B408	653	GEO_Eqn_6.12b_nls05	3998.12	0.0	20.0	0.0	18.0	0.0	36.0
B408	653	GEO_Eqn_6.12b_nls05	4497.89	0.0	28.0	0.0	18.0	0.0	24.0
B408	653	GEO_Eqn_6.12b_nls05	4997.65	0.0	35.0	0.0	18.0	0.0	9.0
B408	653	GEO_Eqn_6.12b_nls05	5497.42	0.0	43.0	0.0	18.0	0.0	-11.0
B408	653	GEO_Eqn_6.12b_nls05	5497.42	0.0	-41.0	0.0	-2.0	0.0	-39.0
B408	653	GEO_Eqn_6.12b_nls05	5997.18	0.0	-33.0	0.0	-2.0	0.0	-20.0
B408	653	GEO_Eqn_6.12b_nls05	6496.95	0.0	-26.0	0.0	-2.0	0.0	-5.0
B408	653	GEO_Eqn_6.12b_nls05	6996.71	0.0	-18.0	0.0	-2.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls05	7496.48	0.0	-11.0	0.0	-2.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls05	7996.24	0.0	-3.0	0.0	-2.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls05	8496.01	0.0	4.0	0.0	-2.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls05	8995.77	0.0	12.0	0.0	-2.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls05	9495.54	0.0	19.0	0.0	-2.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls05	9995.3	0.0	27.0	0.0	-2.0	0.0	-7.0
B408	653	GEO_Eqn_6.12b_nls05	10495.07	0.0	34.0	0.0	-2.0	0.0	-22.0
B408	653	GEO_Eqn_6.12b_nls05	10994.84	0.0	42.0	0.0	-2.0	0.0	-41.0
B408	653	GEO_Eqn_6.12b_nls05	10994.84	0.0	-57.0	0.0	-19.0	0.0	-87.0
B408	653	GEO_Eqn_6.12b_nls05	11494.6	0.0	-50.0	0.0	-19.0	0.0	-60.0
B408	653	GEO_Eqn_6.12b_nls05	11994.37	0.0	-42.0	0.0	-19.0	0.0	-37.0
B408	653	GEO_Eqn_6.12b_nls05	12494.13	0.0	-35.0	0.0	-19.0	0.0	-18.0
B408	653	GEO_Eqn_6.12b_nls05	12993.9	0.0	-27.0	0.0	-19.0	0.0	-2.0
B408	653	GEO_Eqn_6.12b_nls05	13493.66	0.0	-20.0	0.0	-19.0	0.0	10.0
B408	653	GEO_Eqn_6.12b_nls05	13993.43	0.0	-12.0	0.0	-19.0	0.0	18.0
B408	653	GEO_Eqn_6.12b_nls05	14493.19	0.0	-5.0	0.0	-19.0	0.0	22.0
B408	653	GEO_Eqn_6.12b_nls05	14992.96	0.0	3.0	0.0	-19.0	0.0	23.0
B408	653	GEO_Eqn_6.12b_nls05	15492.72	0.0	10.0	0.0	-19.0	0.0	20.0
B408	653	GEO_Eqn_6.12b_nls05	15992.49	0.0	18.0	0.0	-19.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls05	16492.25	0.0	25.0	0.0	-19.0	0.0	2.0
B408	653	GEO_Eqn_6.12b_nls06	0	0.0	-9.0	0.0	18.0	0.0	9.0
B408	653	GEO_Eqn_6.12b_nls06	499.77	0.0	-1.0	0.0	18.0	0.0	11.0
B408	653	GEO_Eqn_6.12b_nls06	999.53	0.0	6.0	0.0	18.0	0.0	10.0
B408	653	GEO_Eqn_6.12b_nls06	1499.3	0.0	14.0	0.0	18.0	0.0	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls06	1999.06	0.0	21.0	0.0	18.0	0.0	-3.0
B408	653	GEO_Eqn_6.12b_nls06	2498.83	0.0	29.0	0.0	18.0	0.0	-16.0
B408	653	GEO_Eqn_6.12b_nls06	2998.59	0.0	36.0	0.0	18.0	0.0	-32.0
B408	653	GEO_Eqn_6.12b_nls06	3498.36	0.0	43.0	0.0	18.0	0.0	-52.0
B408	653	GEO_Eqn_6.12b_nls06	3998.12	0.0	51.0	0.0	18.0	0.0	-75.0
B408	653	GEO_Eqn_6.12b_nls06	4497.89	0.0	58.0	0.0	18.0	0.0	-103.0
B408	653	GEO_Eqn_6.12b_nls06	4997.65	0.0	66.0	0.0	18.0	0.0	-134.0
B408	653	GEO_Eqn_6.12b_nls06	5497.42	0.0	73.0	0.0	18.0	0.0	-169.0
B408	653	GEO_Eqn_6.12b_nls06	5497.42	0.0	-44.0	0.0	-3.0	0.0	-49.0
B408	653	GEO_Eqn_6.12b_nls06	5997.18	0.0	-37.0	0.0	-3.0	0.0	-29.0
B408	653	GEO_Eqn_6.12b_nls06	6496.95	0.0	-29.0	0.0	-3.0	0.0	-12.0
B408	653	GEO_Eqn_6.12b_nls06	6996.71	0.0	-22.0	0.0	-3.0	0.0	1.0
B408	653	GEO_Eqn_6.12b_nls06	7496.48	0.0	-14.0	0.0	-3.0	0.0	10.0
B408	653	GEO_Eqn_6.12b_nls06	7996.24	0.0	-7.0	0.0	-3.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls06	8496.01	0.0	1.0	0.0	-3.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls06	8995.77	0.0	8.0	0.0	-3.0	0.0	14.0
B408	653	GEO_Eqn_6.12b_nls06	9495.54	0.0	16.0	0.0	-3.0	0.0	8.0
B408	653	GEO_Eqn_6.12b_nls06	9995.3	0.0	23.0	0.0	-3.0	0.0	-1.0
B408	653	GEO_Eqn_6.12b_nls06	10495.07	0.0	31.0	0.0	-3.0	0.0	-15.0
B408	653	GEO_Eqn_6.12b_nls06	10994.84	0.0	38.0	0.0	-3.0	0.0	-32.0
B408	653	GEO_Eqn_6.12b_nls06	10994.84	0.0	-29.0	0.0	-20.0	0.0	61.0
B408	653	GEO_Eqn_6.12b_nls06	11494.6	0.0	-21.0	0.0	-20.0	0.0	73.0
B408	653	GEO_Eqn_6.12b_nls06	11994.37	0.0	-14.0	0.0	-20.0	0.0	82.0
B408	653	GEO_Eqn_6.12b_nls06	12494.13	0.0	-6.0	0.0	-20.0	0.0	87.0
B408	653	GEO_Eqn_6.12b_nls06	12993.9	0.0	1.0	0.0	-20.0	0.0	88.0
B408	653	GEO_Eqn_6.12b_nls06	13493.66	0.0	9.0	0.0	-20.0	0.0	85.0
B408	653	GEO_Eqn_6.12b_nls06	13993.43	0.0	16.0	0.0	-20.0	0.0	79.0
B408	653	GEO_Eqn_6.12b_nls06	14493.19	0.0	24.0	0.0	-20.0	0.0	69.0
B408	653	GEO_Eqn_6.12b_nls06	14992.96	0.0	31.0	0.0	-20.0	0.0	55.0
B408	653	GEO_Eqn_6.12b_nls06	15492.72	0.0	39.0	0.0	-20.0	0.0	38.0
B408	653	GEO_Eqn_6.12b_nls06	15992.49	0.0	46.0	0.0	-20.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls06	16492.25	0.0	54.0	0.0	-20.0	0.0	-9.0
B408	653	GEO_Eqn_6.12b_nls07	0	0.0	-46.0	0.0	21.0	0.0	-6.0
B408	653	GEO_Eqn_6.12b_nls07	499.77	0.0	-39.0	0.0	21.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls07	999.53	0.0	-31.0	0.0	21.0	0.0	33.0
B408	653	GEO_Eqn_6.12b_nls07	1499.3	0.0	-24.0	0.0	21.0	0.0	47.0
B408	653	GEO_Eqn_6.12b_nls07	1999.06	0.0	-16.0	0.0	21.0	0.0	57.0
B408	653	GEO_Eqn_6.12b_nls07	2498.83	0.0	-9.0	0.0	21.0	0.0	63.0
B408	653	GEO_Eqn_6.12b_nls07	2998.59	0.0	-1.0	0.0	21.0	0.0	65.0
B408	653	GEO_Eqn_6.12b_nls07	3498.36	0.0	6.0	0.0	21.0	0.0	64.0
B408	653	GEO_Eqn_6.12b_nls07	3998.12	0.0	14.0	0.0	21.0	0.0	59.0
B408	653	GEO_Eqn_6.12b_nls07	4497.89	0.0	21.0	0.0	21.0	0.0	51.0
B408	653	GEO_Eqn_6.12b_nls07	4997.65	0.0	29.0	0.0	21.0	0.0	38.0
B408	653	GEO_Eqn_6.12b_nls07	5497.42	0.0	36.0	0.0	21.0	0.0	22.0
B408	653	GEO_Eqn_6.12b_nls07	5497.42	0.0	-40.0	0.0	-3.0	0.0	-37.0
B408	653	GEO_Eqn_6.12b_nls07	5997.18	0.0	-33.0	0.0	-3.0	0.0	-19.0
B408	653	GEO_Eqn_6.12b_nls07	6496.95	0.0	-25.0	0.0	-3.0	0.0	-5.0
B408	653	GEO_Eqn_6.12b_nls07	6996.71	0.0	-18.0	0.0	-3.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls07	7496.48	0.0	-10.0	0.0	-3.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls07	7996.24	0.0	-3.0	0.0	-3.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls07	8496.01	0.0	5.0	0.0	-3.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls07	8995.77	0.0	12.0	0.0	-3.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls07	9495.54	0.0	20.0	0.0	-3.0	0.0	4.0
B408	653	GEO_Eqn_6.12b_nls07	9995.3	0.0	27.0	0.0	-3.0	0.0	-8.0
B408	653	GEO_Eqn_6.12b_nls07	10495.07	0.0	35.0	0.0	-3.0	0.0	-23.0
B408	653	GEO_Eqn_6.12b_nls07	10994.84	0.0	42.0	0.0	-3.0	0.0	-42.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls07	10994.84	0.0	-65.0	0.0	-24.0	0.0	-122.0
B408	653	GEO_Eqn_6.12b_nls07	11494.6	0.0	-57.0	0.0	-24.0	0.0	-92.0
B408	653	GEO_Eqn_6.12b_nls07	11994.37	0.0	-50.0	0.0	-24.0	0.0	-65.0
B408	653	GEO_Eqn_6.12b_nls07	12494.13	0.0	-42.0	0.0	-24.0	0.0	-42.0
B408	653	GEO_Eqn_6.12b_nls07	12993.9	0.0	-35.0	0.0	-24.0	0.0	-23.0
B408	653	GEO_Eqn_6.12b_nls07	13493.66	0.0	-27.0	0.0	-24.0	0.0	-8.0
B408	653	GEO_Eqn_6.12b_nls07	13993.43	0.0	-20.0	0.0	-24.0	0.0	4.0
B408	653	GEO_Eqn_6.12b_nls07	14493.19	0.0	-12.0	0.0	-24.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls07	14992.96	0.0	-5.0	0.0	-24.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls07	15492.72	0.0	3.0	0.0	-24.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls07	15992.49	0.0	10.0	0.0	-24.0	0.0	14.0
B408	653	GEO_Eqn_6.12b_nls07	16492.25	0.0	18.0	0.0	-24.0	0.0	7.0
B408	653	GEO_Eqn_6.12b_nls08	0	0.0	-18.0	0.0	21.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls08	499.77	0.0	-11.0	0.0	21.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls08	999.53	0.0	-3.0	0.0	21.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls08	1499.3	0.0	4.0	0.0	21.0	0.0	15.0
B408	653	GEO_Eqn_6.12b_nls08	1999.06	0.0	12.0	0.0	21.0	0.0	11.0
B408	653	GEO_Eqn_6.12b_nls08	2498.83	0.0	19.0	0.0	21.0	0.0	4.0
B408	653	GEO_Eqn_6.12b_nls08	2998.59	0.0	27.0	0.0	21.0	0.0	-8.0
B408	653	GEO_Eqn_6.12b_nls08	3498.36	0.0	34.0	0.0	21.0	0.0	-23.0
B408	653	GEO_Eqn_6.12b_nls08	3998.12	0.0	42.0	0.0	21.0	0.0	-42.0
B408	653	GEO_Eqn_6.12b_nls08	4497.89	0.0	49.0	0.0	21.0	0.0	-65.0
B408	653	GEO_Eqn_6.12b_nls08	4997.65	0.0	57.0	0.0	21.0	0.0	-92.0
B408	653	GEO_Eqn_6.12b_nls08	5497.42	0.0	64.0	0.0	21.0	0.0	-122.0
B408	653	GEO_Eqn_6.12b_nls08	5497.42	0.0	-42.0	0.0	-3.0	0.0	-43.0
B408	653	GEO_Eqn_6.12b_nls08	5997.18	0.0	-35.0	0.0	-3.0	0.0	-23.0
B408	653	GEO_Eqn_6.12b_nls08	6496.95	0.0	-27.0	0.0	-3.0	0.0	-8.0
B408	653	GEO_Eqn_6.12b_nls08	6996.71	0.0	-20.0	0.0	-3.0	0.0	4.0
B408	653	GEO_Eqn_6.12b_nls08	7496.48	0.0	-12.0	0.0	-3.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls08	7996.24	0.0	-5.0	0.0	-3.0	0.0	16.0
B408	653	GEO_Eqn_6.12b_nls08	8496.01	0.0	3.0	0.0	-3.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls08	8995.77	0.0	10.0	0.0	-3.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls08	9495.54	0.0	18.0	0.0	-3.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls08	9995.3	0.0	25.0	0.0	-3.0	0.0	-4.0
B408	653	GEO_Eqn_6.12b_nls08	10495.07	0.0	33.0	0.0	-3.0	0.0	-19.0
B408	653	GEO_Eqn_6.12b_nls08	10994.84	0.0	40.0	0.0	-3.0	0.0	-37.0
B408	653	GEO_Eqn_6.12b_nls08	10994.84	0.0	-37.0	0.0	-25.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls08	11494.6	0.0	-29.0	0.0	-25.0	0.0	38.0
B408	653	GEO_Eqn_6.12b_nls08	11994.37	0.0	-22.0	0.0	-25.0	0.0	50.0
B408	653	GEO_Eqn_6.12b_nls08	12494.13	0.0	-14.0	0.0	-25.0	0.0	59.0
B408	653	GEO_Eqn_6.12b_nls08	12993.9	0.0	-7.0	0.0	-25.0	0.0	64.0
B408	653	GEO_Eqn_6.12b_nls08	13493.66	0.0	1.0	0.0	-25.0	0.0	66.0
B408	653	GEO_Eqn_6.12b_nls08	13993.43	0.0	8.0	0.0	-25.0	0.0	64.0
B408	653	GEO_Eqn_6.12b_nls08	14493.19	0.0	16.0	0.0	-25.0	0.0	58.0
B408	653	GEO_Eqn_6.12b_nls08	14992.96	0.0	23.0	0.0	-25.0	0.0	48.0
B408	653	GEO_Eqn_6.12b_nls08	15492.72	0.0	31.0	0.0	-25.0	0.0	34.0
B408	653	GEO_Eqn_6.12b_nls08	15992.49	0.0	38.0	0.0	-25.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls08	16492.25	0.0	46.0	0.0	-25.0	0.0	-4.0
B408	653	GEO_Eqn_6.12b_nls09	0	0.0	-73.0	0.0	19.0	0.0	-14.0
B408	653	GEO_Eqn_6.12b_nls09	499.77	0.0	-66.0	0.0	19.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls09	999.53	0.0	-58.0	0.0	19.0	0.0	52.0
B408	653	GEO_Eqn_6.12b_nls09	1499.3	0.0	-51.0	0.0	19.0	0.0	79.0
B408	653	GEO_Eqn_6.12b_nls09	1999.06	0.0	-43.0	0.0	19.0	0.0	102.0
B408	653	GEO_Eqn_6.12b_nls09	2498.83	0.0	-36.0	0.0	19.0	0.0	122.0
B408	653	GEO_Eqn_6.12b_nls09	2998.59	0.0	-28.0	0.0	19.0	0.0	138.0
B408	653	GEO_Eqn_6.12b_nls09	3498.36	0.0	-21.0	0.0	19.0	0.0	150.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls09	3998.12	0.0	-13.0	0.0	19.0	0.0	159.0
B408	653	GEO_Eqn_6.12b_nls09	4497.89	0.0	-6.0	0.0	19.0	0.0	163.0
B408	653	GEO_Eqn_6.12b_nls09	4997.65	0.0	2.0	0.0	19.0	0.0	164.0
B408	653	GEO_Eqn_6.12b_nls09	5497.42	0.0	9.0	0.0	19.0	0.0	161.0
B408	653	GEO_Eqn_6.12b_nls09	5497.42	0.0	-26.0	0.0	-2.0	0.0	-5.0
B408	653	GEO_Eqn_6.12b_nls09	5997.18	0.0	-18.0	0.0	-2.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls09	6496.95	0.0	-11.0	0.0	-2.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls09	6996.71	0.0	-3.0	0.0	-2.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls09	7496.48	0.0	4.0	0.0	-2.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls09	7996.24	0.0	12.0	0.0	-2.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls09	8496.01	0.0	19.0	0.0	-2.0	0.0	5.0
B408	653	GEO_Eqn_6.12b_nls09	8995.77	0.0	27.0	0.0	-2.0	0.0	-7.0
B408	653	GEO_Eqn_6.12b_nls09	9495.54	0.0	34.0	0.0	-2.0	0.0	-22.0
B408	653	GEO_Eqn_6.12b_nls09	9995.3	0.0	42.0	0.0	-2.0	0.0	-41.0
B408	653	GEO_Eqn_6.12b_nls09	10495.07	0.0	49.0	0.0	-2.0	0.0	-64.0
B408	653	GEO_Eqn_6.12b_nls09	10994.84	0.0	57.0	0.0	-2.0	0.0	-91.0
B408	653	GEO_Eqn_6.12b_nls09	10994.84	0.0	-108.0	0.0	-22.0	0.0	-350.0
B408	653	GEO_Eqn_6.12b_nls09	11494.6	0.0	-101.0	0.0	-22.0	0.0	-297.0
B408	653	GEO_Eqn_6.12b_nls09	11994.37	0.0	-93.0	0.0	-22.0	0.0	-249.0
B408	653	GEO_Eqn_6.12b_nls09	12494.13	0.0	-86.0	0.0	-22.0	0.0	-204.0
B408	653	GEO_Eqn_6.12b_nls09	12993.9	0.0	-78.0	0.0	-22.0	0.0	-163.0
B408	653	GEO_Eqn_6.12b_nls09	13493.66	0.0	-71.0	0.0	-22.0	0.0	-126.0
B408	653	GEO_Eqn_6.12b_nls09	13993.43	0.0	-63.0	0.0	-22.0	0.0	-93.0
B408	653	GEO_Eqn_6.12b_nls09	14493.19	0.0	-56.0	0.0	-22.0	0.0	-63.0
B408	653	GEO_Eqn_6.12b_nls09	14992.96	0.0	-48.0	0.0	-22.0	0.0	-37.0
B408	653	GEO_Eqn_6.12b_nls09	15492.72	0.0	-41.0	0.0	-22.0	0.0	-15.0
B408	653	GEO_Eqn_6.12b_nls09	15992.49	0.0	-33.0	0.0	-22.0	0.0	3.0
B408	653	GEO_Eqn_6.12b_nls09	16492.25	0.0	-26.0	0.0	-22.0	0.0	18.0
B408	653	GEO_Eqn_6.12b_nls10	0	0.0	-75.0	0.0	20.0	0.0	-14.0
B408	653	GEO_Eqn_6.12b_nls10	499.77	0.0	-67.0	0.0	20.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls10	999.53	0.0	-60.0	0.0	20.0	0.0	53.0
B408	653	GEO_Eqn_6.12b_nls10	1499.3	0.0	-52.0	0.0	20.0	0.0	81.0
B408	653	GEO_Eqn_6.12b_nls10	1999.06	0.0	-45.0	0.0	20.0	0.0	105.0
B408	653	GEO_Eqn_6.12b_nls10	2498.83	0.0	-37.0	0.0	20.0	0.0	125.0
B408	653	GEO_Eqn_6.12b_nls10	2998.59	0.0	-30.0	0.0	20.0	0.0	142.0
B408	653	GEO_Eqn_6.12b_nls10	3498.36	0.0	-22.0	0.0	20.0	0.0	155.0
B408	653	GEO_Eqn_6.12b_nls10	3998.12	0.0	-15.0	0.0	20.0	0.0	164.0
B408	653	GEO_Eqn_6.12b_nls10	4497.89	0.0	-7.0	0.0	20.0	0.0	169.0
B408	653	GEO_Eqn_6.12b_nls10	4997.65	0.0	0.4	0.0	20.0	0.0	171.0
B408	653	GEO_Eqn_6.12b_nls10	5497.42	0.0	8.0	0.0	20.0	0.0	169.0
B408	653	GEO_Eqn_6.12b_nls10	5497.42	0.0	-25.0	0.0	-3.0	0.0	-3.0
B408	653	GEO_Eqn_6.12b_nls10	5997.18	0.0	-17.0	0.0	-3.0	0.0	8.0
B408	653	GEO_Eqn_6.12b_nls10	6496.95	0.0	-10.0	0.0	-3.0	0.0	14.0
B408	653	GEO_Eqn_6.12b_nls10	6996.71	0.0	-2.0	0.0	-3.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls10	7496.48	0.0	5.0	0.0	-3.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls10	7996.24	0.0	13.0	0.0	-3.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls10	8496.01	0.0	20.0	0.0	-3.0	0.0	4.0
B408	653	GEO_Eqn_6.12b_nls10	8995.77	0.0	28.0	0.0	-3.0	0.0	-8.0
B408	653	GEO_Eqn_6.12b_nls10	9495.54	0.0	35.0	0.0	-3.0	0.0	-24.0
B408	653	GEO_Eqn_6.12b_nls10	9995.3	0.0	43.0	0.0	-3.0	0.0	-43.0
B408	653	GEO_Eqn_6.12b_nls10	10495.07	0.0	50.0	0.0	-3.0	0.0	-67.0
B408	653	GEO_Eqn_6.12b_nls10	10994.84	0.0	58.0	0.0	-3.0	0.0	-94.0
B408	653	GEO_Eqn_6.12b_nls10	10994.84	0.0	-111.0	0.0	-24.0	0.0	-363.0
B408	653	GEO_Eqn_6.12b_nls10	11494.6	0.0	-103.0	0.0	-24.0	0.0	-310.0
B408	653	GEO_Eqn_6.12b_nls10	11994.37	0.0	-96.0	0.0	-24.0	0.0	-260.0
B408	653	GEO_Eqn_6.12b_nls10	12494.13	0.0	-88.0	0.0	-24.0	0.0	-214.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls10	12993.9	0.0	-81.0	0.0	-24.0	0.0	-172.0
B408	653	GEO_Eqn_6.12b_nls10	13493.66	0.0	-73.0	0.0	-24.0	0.0	-133.0
B408	653	GEO_Eqn_6.12b_nls10	13993.43	0.0	-66.0	0.0	-24.0	0.0	-98.0
B408	653	GEO_Eqn_6.12b_nls10	14493.19	0.0	-58.0	0.0	-24.0	0.0	-67.0
B408	653	GEO_Eqn_6.12b_nls10	14992.96	0.0	-51.0	0.0	-24.0	0.0	-40.0
B408	653	GEO_Eqn_6.12b_nls10	15492.72	0.0	-43.0	0.0	-24.0	0.0	-17.0
B408	653	GEO_Eqn_6.12b_nls10	15992.49	0.0	-36.0	0.0	-24.0	0.0	3.0
B408	653	GEO_Eqn_6.12b_nls10	16492.25	0.0	-28.0	0.0	-24.0	0.0	19.0
B408	653	GEO_Eqn_6.12b_nls11	0	0.0	35.0	0.0	20.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls11	499.77	0.0	43.0	0.0	20.0	0.0	1.0
B408	653	GEO_Eqn_6.12b_nls11	999.53	0.0	50.0	0.0	20.0	0.0	-22.0
B408	653	GEO_Eqn_6.12b_nls11	1499.3	0.0	58.0	0.0	20.0	0.0	-49.0
B408	653	GEO_Eqn_6.12b_nls11	1999.06	0.0	65.0	0.0	20.0	0.0	-80.0
B408	653	GEO_Eqn_6.12b_nls11	2498.83	0.0	73.0	0.0	20.0	0.0	-114.0
B408	653	GEO_Eqn_6.12b_nls11	2998.59	0.0	80.0	0.0	20.0	0.0	-153.0
B408	653	GEO_Eqn_6.12b_nls11	3498.36	0.0	88.0	0.0	20.0	0.0	-195.0
B408	653	GEO_Eqn_6.12b_nls11	3998.12	0.0	95.0	0.0	20.0	0.0	-240.0
B408	653	GEO_Eqn_6.12b_nls11	4497.89	0.0	103.0	0.0	20.0	0.0	-290.0
B408	653	GEO_Eqn_6.12b_nls11	4997.65	0.0	110.0	0.0	20.0	0.0	-343.0
B408	653	GEO_Eqn_6.12b_nls11	5497.42	0.0	118.0	0.0	20.0	0.0	-400.0
B408	653	GEO_Eqn_6.12b_nls11	5497.42	0.0	-61.0	0.0	-3.0	0.0	-103.0
B408	653	GEO_Eqn_6.12b_nls11	5997.18	0.0	-53.0	0.0	-3.0	0.0	-75.0
B408	653	GEO_Eqn_6.12b_nls11	6496.95	0.0	-46.0	0.0	-3.0	0.0	-50.0
B408	653	GEO_Eqn_6.12b_nls11	6996.71	0.0	-38.0	0.0	-3.0	0.0	-29.0
B408	653	GEO_Eqn_6.12b_nls11	7496.48	0.0	-31.0	0.0	-3.0	0.0	-12.0
B408	653	GEO_Eqn_6.12b_nls11	7996.24	0.0	-23.0	0.0	-3.0	0.0	2.0
B408	653	GEO_Eqn_6.12b_nls11	8496.01	0.0	-16.0	0.0	-3.0	0.0	11.0
B408	653	GEO_Eqn_6.12b_nls11	8995.77	0.0	-8.0	0.0	-3.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls11	9495.54	0.0	-1.0	0.0	-3.0	0.0	20.0
B408	653	GEO_Eqn_6.12b_nls11	9995.3	0.0	7.0	0.0	-3.0	0.0	18.0
B408	653	GEO_Eqn_6.12b_nls11	10495.07	0.0	14.0	0.0	-3.0	0.0	13.0
B408	653	GEO_Eqn_6.12b_nls11	10994.84	0.0	22.0	0.0	-3.0	0.0	4.0
B408	653	GEO_Eqn_6.12b_nls11	10994.84	0.0	-4.0	0.0	-21.0	0.0	189.0
B408	653	GEO_Eqn_6.12b_nls11	11494.6	0.0	3.0	0.0	-21.0	0.0	190.0
B408	653	GEO_Eqn_6.12b_nls11	11994.37	0.0	11.0	0.0	-21.0	0.0	186.0
B408	653	GEO_Eqn_6.12b_nls11	12494.13	0.0	18.0	0.0	-21.0	0.0	179.0
B408	653	GEO_Eqn_6.12b_nls11	12993.9	0.0	26.0	0.0	-21.0	0.0	168.0
B408	653	GEO_Eqn_6.12b_nls11	13493.66	0.0	33.0	0.0	-21.0	0.0	153.0
B408	653	GEO_Eqn_6.12b_nls11	13993.43	0.0	41.0	0.0	-21.0	0.0	134.0
B408	653	GEO_Eqn_6.12b_nls11	14493.19	0.0	48.0	0.0	-21.0	0.0	112.0
B408	653	GEO_Eqn_6.12b_nls11	14992.96	0.0	56.0	0.0	-21.0	0.0	86.0
B408	653	GEO_Eqn_6.12b_nls11	15492.72	0.0	63.0	0.0	-21.0	0.0	56.0
B408	653	GEO_Eqn_6.12b_nls11	15992.49	0.0	71.0	0.0	-21.0	0.0	22.0
B408	653	GEO_Eqn_6.12b_nls11	16492.25	0.0	78.0	0.0	-21.0	0.0	-15.0
B408	653	GEO_Eqn_6.12b_nls12	0	0.0	35.0	0.0	21.0	0.0	20.0
B408	653	GEO_Eqn_6.12b_nls12	499.77	0.0	43.0	0.0	21.0	0.0	1.0
B408	653	GEO_Eqn_6.12b_nls12	999.53	0.0	50.0	0.0	21.0	0.0	-22.0
B408	653	GEO_Eqn_6.12b_nls12	1499.3	0.0	58.0	0.0	21.0	0.0	-49.0
B408	653	GEO_Eqn_6.12b_nls12	1999.06	0.0	65.0	0.0	21.0	0.0	-80.0
B408	653	GEO_Eqn_6.12b_nls12	2498.83	0.0	73.0	0.0	21.0	0.0	-115.0
B408	653	GEO_Eqn_6.12b_nls12	2998.59	0.0	80.0	0.0	21.0	0.0	-153.0
B408	653	GEO_Eqn_6.12b_nls12	3498.36	0.0	88.0	0.0	21.0	0.0	-195.0
B408	653	GEO_Eqn_6.12b_nls12	3998.12	0.0	95.0	0.0	21.0	0.0	-241.0
B408	653	GEO_Eqn_6.12b_nls12	4497.89	0.0	103.0	0.0	21.0	0.0	-290.0
B408	653	GEO_Eqn_6.12b_nls12	4997.65	0.0	110.0	0.0	21.0	0.0	-343.0
B408	653	GEO_Eqn_6.12b_nls12	5497.42	0.0	118.0	0.0	21.0	0.0	-400.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls12	5497.42	0.0	-61.0	0.0	-3.0	0.0	-103.0
B408	653	GEO_Eqn_6.12b_nls12	5997.18	0.0	-53.0	0.0	-3.0	0.0	-74.0
B408	653	GEO_Eqn_6.12b_nls12	6496.95	0.0	-46.0	0.0	-3.0	0.0	-50.0
B408	653	GEO_Eqn_6.12b_nls12	6996.71	0.0	-38.0	0.0	-3.0	0.0	-29.0
B408	653	GEO_Eqn_6.12b_nls12	7496.48	0.0	-31.0	0.0	-3.0	0.0	-12.0
B408	653	GEO_Eqn_6.12b_nls12	7996.24	0.0	-23.0	0.0	-3.0	0.0	2.0
B408	653	GEO_Eqn_6.12b_nls12	8496.01	0.0	-16.0	0.0	-3.0	0.0	11.0
B408	653	GEO_Eqn_6.12b_nls12	8995.77	0.0	-8.0	0.0	-3.0	0.0	17.0
B408	653	GEO_Eqn_6.12b_nls12	9495.54	0.0	-1.0	0.0	-3.0	0.0	19.0
B408	653	GEO_Eqn_6.12b_nls12	9995.3	0.0	7.0	0.0	-3.0	0.0	18.0
B408	653	GEO_Eqn_6.12b_nls12	10495.07	0.0	14.0	0.0	-3.0	0.0	12.0
B408	653	GEO_Eqn_6.12b_nls12	10994.84	0.0	22.0	0.0	-3.0	0.0	3.0
B408	653	GEO_Eqn_6.12b_nls12	10994.84	0.0	-4.0	0.0	-23.0	0.0	189.0
B408	653	GEO_Eqn_6.12b_nls12	11494.6	0.0	3.0	0.0	-23.0	0.0	190.0
B408	653	GEO_Eqn_6.12b_nls12	11994.37	0.0	11.0	0.0	-23.0	0.0	186.0
B408	653	GEO_Eqn_6.12b_nls12	12494.13	0.0	18.0	0.0	-23.0	0.0	179.0
B408	653	GEO_Eqn_6.12b_nls12	12993.9	0.0	26.0	0.0	-23.0	0.0	168.0
B408	653	GEO_Eqn_6.12b_nls12	13493.66	0.0	33.0	0.0	-23.0	0.0	153.0
B408	653	GEO_Eqn_6.12b_nls12	13993.43	0.0	41.0	0.0	-23.0	0.0	134.0
B408	653	GEO_Eqn_6.12b_nls12	14493.19	0.0	48.0	0.0	-23.0	0.0	112.0
B408	653	GEO_Eqn_6.12b_nls12	14992.96	0.0	56.0	0.0	-23.0	0.0	86.0
B408	653	GEO_Eqn_6.12b_nls12	15492.72	0.0	63.0	0.0	-23.0	0.0	56.0
B408	653	GEO_Eqn_6.12b_nls12	15992.49	0.0	71.0	0.0	-23.0	0.0	23.0
B408	653	GEO_Eqn_6.12b_nls12	16492.25	0.0	78.0	0.0	-23.0	0.0	-14.0
B408	653	GEO_Eqn_6.12b_nls13	0	0.0	-104.0	0.0	23.0	0.0	-22.0
B408	653	GEO_Eqn_6.12b_nls13	499.77	0.0	-96.0	0.0	23.0	0.0	28.0
B408	653	GEO_Eqn_6.12b_nls13	999.53	0.0	-89.0	0.0	23.0	0.0	74.0
B408	653	GEO_Eqn_6.12b_nls13	1499.3	0.0	-81.0	0.0	23.0	0.0	116.0
B408	653	GEO_Eqn_6.12b_nls13	1999.06	0.0	-74.0	0.0	23.0	0.0	155.0
B408	653	GEO_Eqn_6.12b_nls13	2498.83	0.0	-66.0	0.0	23.0	0.0	190.0
B408	653	GEO_Eqn_6.12b_nls13	2998.59	0.0	-59.0	0.0	23.0	0.0	221.0
B408	653	GEO_Eqn_6.12b_nls13	3498.36	0.0	-51.0	0.0	23.0	0.0	249.0
B408	653	GEO_Eqn_6.12b_nls13	3998.12	0.0	-44.0	0.0	23.0	0.0	272.0
B408	653	GEO_Eqn_6.12b_nls13	4497.89	0.0	-36.0	0.0	23.0	0.0	292.0
B408	653	GEO_Eqn_6.12b_nls13	4997.65	0.0	-29.0	0.0	23.0	0.0	309.0
B408	653	GEO_Eqn_6.12b_nls13	5497.42	0.0	-21.0	0.0	23.0	0.0	321.0
B408	653	GEO_Eqn_6.12b_nls13	5497.42	0.0	-5.0	0.0	3.0	0.0	40.0
B408	653	GEO_Eqn_6.12b_nls13	5997.18	0.0	2.0	0.0	3.0	0.0	41.0
B408	653	GEO_Eqn_6.12b_nls13	6496.95	0.0	10.0	0.0	3.0	0.0	38.0
B408	653	GEO_Eqn_6.12b_nls13	6996.71	0.0	17.0	0.0	3.0	0.0	31.0
B408	653	GEO_Eqn_6.12b_nls13	7496.48	0.0	25.0	0.0	3.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls13	7996.24	0.0	32.0	0.0	3.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls13	8496.01	0.0	40.0	0.0	3.0	0.0	-12.0
B408	653	GEO_Eqn_6.12b_nls13	8995.77	0.0	47.0	0.0	3.0	0.0	-33.0
B408	653	GEO_Eqn_6.12b_nls13	9495.54	0.0	55.0	0.0	3.0	0.0	-59.0
B408	653	GEO_Eqn_6.12b_nls13	9995.3	0.0	62.0	0.0	3.0	0.0	-88.0
B408	653	GEO_Eqn_6.12b_nls13	10495.07	0.0	70.0	0.0	3.0	0.0	-121.0
B408	653	GEO_Eqn_6.12b_nls13	10994.84	0.0	77.0	0.0	3.0	0.0	-158.0
B408	653	GEO_Eqn_6.12b_nls13	10994.84	0.0	-163.0	0.0	-18.0	0.0	-636.0
B408	653	GEO_Eqn_6.12b_nls13	11494.6	0.0	-155.0	0.0	-18.0	0.0	-556.0
B408	653	GEO_Eqn_6.12b_nls13	11994.37	0.0	-148.0	0.0	-18.0	0.0	-481.0
B408	653	GEO_Eqn_6.12b_nls13	12494.13	0.0	-140.0	0.0	-18.0	0.0	-409.0
B408	653	GEO_Eqn_6.12b_nls13	12993.9	0.0	-133.0	0.0	-18.0	0.0	-340.0
B408	653	GEO_Eqn_6.12b_nls13	13493.66	0.0	-125.0	0.0	-18.0	0.0	-276.0
B408	653	GEO_Eqn_6.12b_nls13	13993.43	0.0	-118.0	0.0	-18.0	0.0	-215.0
B408	653	GEO_Eqn_6.12b_nls13	14493.19	0.0	-110.0	0.0	-18.0	0.0	-158.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls13	14992.96	0.0	-103.0	0.0	-18.0	0.0	-105.0
B408	653	GEO_Eqn_6.12b_nls13	15492.72	0.0	-95.0	0.0	-18.0	0.0	-55.0
B408	653	GEO_Eqn_6.12b_nls13	15992.49	0.0	-88.0	0.0	-18.0	0.0	-9.0
B408	653	GEO_Eqn_6.12b_nls13	16492.25	0.0	-80.0	0.0	-18.0	0.0	33.0
B408	653	GEO_Eqn_6.12b_nls14	0	0.0	-106.0	0.0	24.0	0.0	-23.0
B408	653	GEO_Eqn_6.12b_nls14	499.77	0.0	-98.0	0.0	24.0	0.0	28.0
B408	653	GEO_Eqn_6.12b_nls14	999.53	0.0	-91.0	0.0	24.0	0.0	75.0
B408	653	GEO_Eqn_6.12b_nls14	1499.3	0.0	-83.0	0.0	24.0	0.0	119.0
B408	653	GEO_Eqn_6.12b_nls14	1999.06	0.0	-76.0	0.0	24.0	0.0	159.0
B408	653	GEO_Eqn_6.12b_nls14	2498.83	0.0	-68.0	0.0	24.0	0.0	195.0
B408	653	GEO_Eqn_6.12b_nls14	2998.59	0.0	-61.0	0.0	24.0	0.0	227.0
B408	653	GEO_Eqn_6.12b_nls14	3498.36	0.0	-53.0	0.0	24.0	0.0	256.0
B408	653	GEO_Eqn_6.12b_nls14	3998.12	0.0	-46.0	0.0	24.0	0.0	280.0
B408	653	GEO_Eqn_6.12b_nls14	4497.89	0.0	-38.0	0.0	24.0	0.0	301.0
B408	653	GEO_Eqn_6.12b_nls14	4997.65	0.0	-31.0	0.0	24.0	0.0	319.0
B408	653	GEO_Eqn_6.12b_nls14	5497.42	0.0	-23.0	0.0	24.0	0.0	332.0
B408	653	GEO_Eqn_6.12b_nls14	5497.42	0.0	-4.0	0.0	2.0	0.0	43.0
B408	653	GEO_Eqn_6.12b_nls14	5997.18	0.0	4.0	0.0	2.0	0.0	43.0
B408	653	GEO_Eqn_6.12b_nls14	6496.95	0.0	11.0	0.0	2.0	0.0	40.0
B408	653	GEO_Eqn_6.12b_nls14	6996.71	0.0	19.0	0.0	2.0	0.0	32.0
B408	653	GEO_Eqn_6.12b_nls14	7496.48	0.0	26.0	0.0	2.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls14	7996.24	0.0	34.0	0.0	2.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls14	8496.01	0.0	41.0	0.0	2.0	0.0	-13.0
B408	653	GEO_Eqn_6.12b_nls14	8995.77	0.0	49.0	0.0	2.0	0.0	-35.0
B408	653	GEO_Eqn_6.12b_nls14	9495.54	0.0	56.0	0.0	2.0	0.0	-61.0
B408	653	GEO_Eqn_6.12b_nls14	9995.3	0.0	64.0	0.0	2.0	0.0	-91.0
B408	653	GEO_Eqn_6.12b_nls14	10495.07	0.0	71.0	0.0	2.0	0.0	-125.0
B408	653	GEO_Eqn_6.12b_nls14	10994.84	0.0	79.0	0.0	2.0	0.0	-162.0
B408	653	GEO_Eqn_6.12b_nls14	10994.84	0.0	-167.0	0.0	-20.0	0.0	-656.0
B408	653	GEO_Eqn_6.12b_nls14	11494.6	0.0	-159.0	0.0	-20.0	0.0	-575.0
B408	653	GEO_Eqn_6.12b_nls14	11994.37	0.0	-152.0	0.0	-20.0	0.0	-497.0
B408	653	GEO_Eqn_6.12b_nls14	12494.13	0.0	-144.0	0.0	-20.0	0.0	-423.0
B408	653	GEO_Eqn_6.12b_nls14	12993.9	0.0	-137.0	0.0	-20.0	0.0	-353.0
B408	653	GEO_Eqn_6.12b_nls14	13493.66	0.0	-129.0	0.0	-20.0	0.0	-286.0
B408	653	GEO_Eqn_6.12b_nls14	13993.43	0.0	-122.0	0.0	-20.0	0.0	-223.0
B408	653	GEO_Eqn_6.12b_nls14	14493.19	0.0	-114.0	0.0	-20.0	0.0	-164.0
B408	653	GEO_Eqn_6.12b_nls14	14992.96	0.0	-107.0	0.0	-20.0	0.0	-109.0
B408	653	GEO_Eqn_6.12b_nls14	15492.72	0.0	-99.0	0.0	-20.0	0.0	-57.0
B408	653	GEO_Eqn_6.12b_nls14	15992.49	0.0	-92.0	0.0	-20.0	0.0	-10.0
B408	653	GEO_Eqn_6.12b_nls14	16492.25	0.0	-84.0	0.0	-20.0	0.0	34.0
B408	653	GEO_Eqn_6.12b_nls15	0	0.0	82.0	0.0	17.0	0.0	33.0
B408	653	GEO_Eqn_6.12b_nls15	499.77	0.0	89.0	0.0	17.0	0.0	-10.0
B408	653	GEO_Eqn_6.12b_nls15	999.53	0.0	97.0	0.0	17.0	0.0	-56.0
B408	653	GEO_Eqn_6.12b_nls15	1499.3	0.0	104.0	0.0	17.0	0.0	-107.0
B408	653	GEO_Eqn_6.12b_nls15	1999.06	0.0	112.0	0.0	17.0	0.0	-161.0
B408	653	GEO_Eqn_6.12b_nls15	2498.83	0.0	119.0	0.0	17.0	0.0	-218.0
B408	653	GEO_Eqn_6.12b_nls15	2998.59	0.0	127.0	0.0	17.0	0.0	-280.0
B408	653	GEO_Eqn_6.12b_nls15	3498.36	0.0	134.0	0.0	17.0	0.0	-345.0
B408	653	GEO_Eqn_6.12b_nls15	3998.12	0.0	142.0	0.0	17.0	0.0	-414.0
B408	653	GEO_Eqn_6.12b_nls15	4497.89	0.0	149.0	0.0	17.0	0.0	-487.0
B408	653	GEO_Eqn_6.12b_nls15	4997.65	0.0	157.0	0.0	17.0	0.0	-564.0
B408	653	GEO_Eqn_6.12b_nls15	5497.42	0.0	164.0	0.0	17.0	0.0	-644.0
B408	653	GEO_Eqn_6.12b_nls15	5497.42	0.0	-78.0	0.0	-7.0	0.0	-160.0
B408	653	GEO_Eqn_6.12b_nls15	5997.18	0.0	-70.0	0.0	-7.0	0.0	-123.0
B408	653	GEO_Eqn_6.12b_nls15	6496.95	0.0	-63.0	0.0	-7.0	0.0	-90.0
B408	653	GEO_Eqn_6.12b_nls15	6996.71	0.0	-55.0	0.0	-7.0	0.0	-60.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B408	653	GEO_Eqn_6.12b_nls15	7496.48	0.0	-48.0	0.0	-7.0	0.0	-34.0
B408	653	GEO_Eqn_6.12b_nls15	7996.24	0.0	-41.0	0.0	-7.0	0.0	-12.0
B408	653	GEO_Eqn_6.12b_nls15	8496.01	0.0	-33.0	0.0	-7.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls15	8995.77	0.0	-26.0	0.0	-7.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls15	9495.54	0.0	-18.0	0.0	-7.0	0.0	32.0
B408	653	GEO_Eqn_6.12b_nls15	9995.3	0.0	-11.0	0.0	-7.0	0.0	39.0
B408	653	GEO_Eqn_6.12b_nls15	10495.07	0.0	-3.0	0.0	-7.0	0.0	42.0
B408	653	GEO_Eqn_6.12b_nls15	10994.84	0.0	4.0	0.0	-7.0	0.0	42.0
B408	653	GEO_Eqn_6.12b_nls15	10994.84	0.0	22.0	0.0	-25.0	0.0	326.0
B408	653	GEO_Eqn_6.12b_nls15	11494.6	0.0	30.0	0.0	-25.0	0.0	313.0
B408	653	GEO_Eqn_6.12b_nls15	11994.37	0.0	37.0	0.0	-25.0	0.0	296.0
B408	653	GEO_Eqn_6.12b_nls15	12494.13	0.0	45.0	0.0	-25.0	0.0	276.0
B408	653	GEO_Eqn_6.12b_nls15	12993.9	0.0	52.0	0.0	-25.0	0.0	252.0
B408	653	GEO_Eqn_6.12b_nls15	13493.66	0.0	60.0	0.0	-25.0	0.0	224.0
B408	653	GEO_Eqn_6.12b_nls15	13993.43	0.0	67.0	0.0	-25.0	0.0	192.0
B408	653	GEO_Eqn_6.12b_nls15	14493.19	0.0	75.0	0.0	-25.0	0.0	157.0
B408	653	GEO_Eqn_6.12b_nls15	14992.96	0.0	82.0	0.0	-25.0	0.0	118.0
B408	653	GEO_Eqn_6.12b_nls15	15492.72	0.0	90.0	0.0	-25.0	0.0	75.0
B408	653	GEO_Eqn_6.12b_nls15	15992.49	0.0	97.0	0.0	-25.0	0.0	28.0
B408	653	GEO_Eqn_6.12b_nls15	16492.25	0.0	105.0	0.0	-25.0	0.0	-22.0
B408	653	GEO_Eqn_6.12b_nls16	0	0.0	85.0	0.0	18.0	0.0	34.0
B408	653	GEO_Eqn_6.12b_nls16	499.77	0.0	92.0	0.0	18.0	0.0	-11.0
B408	653	GEO_Eqn_6.12b_nls16	999.53	0.0	100.0	0.0	18.0	0.0	-59.0
B408	653	GEO_Eqn_6.12b_nls16	1499.3	0.0	107.0	0.0	18.0	0.0	-110.0
B408	653	GEO_Eqn_6.12b_nls16	1999.06	0.0	115.0	0.0	18.0	0.0	-166.0
B408	653	GEO_Eqn_6.12b_nls16	2498.83	0.0	122.0	0.0	18.0	0.0	-225.0
B408	653	GEO_Eqn_6.12b_nls16	2998.59	0.0	130.0	0.0	18.0	0.0	-288.0
B408	653	GEO_Eqn_6.12b_nls16	3498.36	0.0	137.0	0.0	18.0	0.0	-355.0
B408	653	GEO_Eqn_6.12b_nls16	3998.12	0.0	145.0	0.0	18.0	0.0	-426.0
B408	653	GEO_Eqn_6.12b_nls16	4497.89	0.0	152.0	0.0	18.0	0.0	-500.0
B408	653	GEO_Eqn_6.12b_nls16	4997.65	0.0	160.0	0.0	18.0	0.0	-578.0
B408	653	GEO_Eqn_6.12b_nls16	5497.42	0.0	167.0	0.0	18.0	0.0	-660.0
B408	653	GEO_Eqn_6.12b_nls16	5497.42	0.0	-79.0	0.0	-8.0	0.0	-164.0
B408	653	GEO_Eqn_6.12b_nls16	5997.18	0.0	-72.0	0.0	-8.0	0.0	-126.0
B408	653	GEO_Eqn_6.12b_nls16	6496.95	0.0	-64.0	0.0	-8.0	0.0	-92.0
B408	653	GEO_Eqn_6.12b_nls16	6996.71	0.0	-57.0	0.0	-8.0	0.0	-62.0
B408	653	GEO_Eqn_6.12b_nls16	7496.48	0.0	-49.0	0.0	-8.0	0.0	-36.0
B408	653	GEO_Eqn_6.12b_nls16	7996.24	0.0	-42.0	0.0	-8.0	0.0	-13.0
B408	653	GEO_Eqn_6.12b_nls16	8496.01	0.0	-34.0	0.0	-8.0	0.0	6.0
B408	653	GEO_Eqn_6.12b_nls16	8995.77	0.0	-27.0	0.0	-8.0	0.0	21.0
B408	653	GEO_Eqn_6.12b_nls16	9495.54	0.0	-19.0	0.0	-8.0	0.0	32.0
B408	653	GEO_Eqn_6.12b_nls16	9995.3	0.0	-12.0	0.0	-8.0	0.0	40.0
B408	653	GEO_Eqn_6.12b_nls16	10495.07	0.0	-4.0	0.0	-8.0	0.0	44.0
B408	653	GEO_Eqn_6.12b_nls16	10994.84	0.0	3.0	0.0	-8.0	0.0	44.0
B408	653	GEO_Eqn_6.12b_nls16	10994.84	0.0	24.0	0.0	-27.0	0.0	335.0
B408	653	GEO_Eqn_6.12b_nls16	11494.6	0.0	31.0	0.0	-27.0	0.0	321.0
B408	653	GEO_Eqn_6.12b_nls16	11994.37	0.0	39.0	0.0	-27.0	0.0	303.0
B408	653	GEO_Eqn_6.12b_nls16	12494.13	0.0	46.0	0.0	-27.0	0.0	282.0
B408	653	GEO_Eqn_6.12b_nls16	12993.9	0.0	54.0	0.0	-27.0	0.0	257.0
B408	653	GEO_Eqn_6.12b_nls16	13493.66	0.0	61.0	0.0	-27.0	0.0	229.0
B408	653	GEO_Eqn_6.12b_nls16	13993.43	0.0	69.0	0.0	-27.0	0.0	196.0
B408	653	GEO_Eqn_6.12b_nls16	14493.19	0.0	76.0	0.0	-27.0	0.0	160.0
B408	653	GEO_Eqn_6.12b_nls16	14992.96	0.0	84.0	0.0	-27.0	0.0	120.0
B408	653	GEO_Eqn_6.12b_nls16	15492.72	0.0	91.0	0.0	-27.0	0.0	76.0
B408	653	GEO_Eqn_6.12b_nls16	15992.49	0.0	99.0	0.0	-27.0	0.0	29.0
B408	653	GEO_Eqn_6.12b_nls16	16492.25	0.0	106.0	0.0	-27.0	0.0	-22.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls01	0	0.0	7.0	0.0	-17.0	0.0	47.0
B208	3	GEO_Eqn_6.12b_nls01	496.21	0.0	10.0	0.0	-17.0	0.0	43.0
B208	3	GEO_Eqn_6.12b_nls01	992.41	0.0	13.0	0.0	-17.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls01	1488.62	0.0	16.0	0.0	-17.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls01	1984.82	0.0	19.0	0.0	-17.0	0.0	21.0
B208	3	GEO_Eqn_6.12b_nls01	2481.03	0.0	23.0	0.0	-17.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls01	2977.23	0.0	26.0	0.0	-17.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls01	3473.44	0.0	29.0	0.0	-17.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls01	3969.64	0.0	32.0	0.0	-17.0	0.0	-30.0
B208	3	GEO_Eqn_6.12b_nls01	3969.64	0.0	-15.0	0.0	-10.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls01	4460.55	0.0	-12.0	0.0	-10.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls01	4951.46	0.0	-9.0	0.0	-10.0	0.0	0.3
B208	3	GEO_Eqn_6.12b_nls01	5442.37	0.0	-6.0	0.0	-10.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls01	5933.28	0.0	-3.0	0.0	-10.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls01	6424.19	0.0	0.3	0.0	-10.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls01	6915.1	0.0	3.0	0.0	-10.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls01	7406.01	0.0	6.0	0.0	-10.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls01	7896.91	0.0	9.0	0.0	-10.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls01	8387.82	0.0	13.0	0.0	-10.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls01	8878.73	0.0	16.0	0.0	-10.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls01	9369.64	0.0	19.0	0.0	-10.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls01	9369.64	0.0	-15.0	0.0	6.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls01	9860.55	0.0	-11.0	0.0	6.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls01	10351.46	0.0	-8.0	0.0	6.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls01	10842.37	0.0	-5.0	0.0	6.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls01	11333.28	0.0	-2.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls01	11824.19	0.0	1.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls01	12315.1	0.0	4.0	0.0	6.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls01	12806.01	0.0	7.0	0.0	6.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls01	13296.91	0.0	10.0	0.0	6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls01	13787.82	0.0	13.0	0.0	6.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls01	14278.73	0.0	16.0	0.0	6.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls01	14769.64	0.0	19.0	0.0	6.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls01	14769.64	0.0	-10.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls01	15260.55	0.0	-7.0	0.0	-4.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls01	15751.46	0.0	-4.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls01	16242.37	0.0	-1.0	0.0	-4.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls01	16733.28	0.0	2.0	0.0	-4.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls01	17224.19	0.0	5.0	0.0	-4.0	0.0	0.5
B208	3	GEO_Eqn_6.12b_nls01	17715.1	0.0	8.0	0.0	-4.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls01	18206.01	0.0	11.0	0.0	-4.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls01	18696.91	0.0	14.0	0.0	-4.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls01	19187.82	0.0	17.0	0.0	-4.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls01	19678.73	0.0	21.0	0.0	-4.0	0.0	-31.0
B208	3	GEO_Eqn_6.12b_nls01	20169.64	0.0	24.0	0.0	-4.0	0.0	-42.0
B208	3	GEO_Eqn_6.12b_nls01	20169.64	0.0	-33.0	0.0	5.0	0.0	-50.0
B208	3	GEO_Eqn_6.12b_nls01	20660.55	0.0	-30.0	0.0	5.0	0.0	-34.0
B208	3	GEO_Eqn_6.12b_nls01	21151.46	0.0	-27.0	0.0	5.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls01	21642.37	0.0	-24.0	0.0	5.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls01	22133.28	0.0	-21.0	0.0	5.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls01	22624.19	0.0	-18.0	0.0	5.0	0.0	13.0
B208	3	GEO_Eqn_6.12b_nls01	23115.1	0.0	-15.0	0.0	5.0	0.0	21.0
B208	3	GEO_Eqn_6.12b_nls01	23606.01	0.0	-12.0	0.0	5.0	0.0	27.0
B208	3	GEO_Eqn_6.12b_nls01	24096.91	0.0	-8.0	0.0	5.0	0.0	32.0
B208	3	GEO_Eqn_6.12b_nls01	24587.82	0.0	-5.0	0.0	5.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls01	25078.73	0.0	-2.0	0.0	5.0	0.0	37.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls01	25569.64	0.0	1.0	0.0	5.0	0.0	38.0
B208	3	GEO_Eqn_6.12b_nls01	26060.55	0.0	4.0	0.0	5.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls01	26551.46	0.0	7.0	0.0	5.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls01	27042.37	0.0	10.0	0.0	5.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls01	27533.28	0.0	13.0	0.0	5.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls01	28024.19	0.0	16.0	0.0	5.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls01	28515.1	0.0	19.0	0.0	5.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls01	29006.01	0.0	22.0	0.0	5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls01	29496.91	0.0	25.0	0.0	5.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls01	29987.82	0.0	28.0	0.0	5.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls01	30478.73	0.0	31.0	0.0	5.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls01	30969.64	0.0	34.0	0.0	5.0	0.0	-57.0
B208	3	GEO_Eqn_6.12b_nls01	30969.64	0.0	-20.0	0.0	-5.0	0.0	-33.0
B208	3	GEO_Eqn_6.12b_nls01	31460.55	0.0	-17.0	0.0	-5.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls01	31951.46	0.0	-14.0	0.0	-5.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls01	32442.37	0.0	-11.0	0.0	-5.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls01	32933.28	0.0	-8.0	0.0	-5.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls01	33424.19	0.0	-5.0	0.0	-5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls01	33915.1	0.0	-2.0	0.0	-5.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls01	34406.01	0.0	1.0	0.0	-5.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls01	34896.91	0.0	4.0	0.0	-5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls01	35387.82	0.0	7.0	0.0	-5.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls01	35878.73	0.0	11.0	0.0	-5.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls01	36369.64	0.0	14.0	0.0	-5.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls01	36369.64	0.0	-13.0	0.0	-2.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls01	36860.55	0.0	-10.0	0.0	-2.0	0.0	0.2
B208	3	GEO_Eqn_6.12b_nls01	37351.46	0.0	-7.0	0.0	-2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls01	37842.37	0.0	-4.0	0.0	-2.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls01	38333.28	0.0	-1.0	0.0	-2.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls01	38824.19	0.0	2.0	0.0	-2.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls01	39315.1	0.0	6.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls01	39806.01	0.0	9.0	0.0	-2.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls01	40296.91	0.0	12.0	0.0	-2.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls01	40787.82	0.0	15.0	0.0	-2.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls01	41278.73	0.0	18.0	0.0	-2.0	0.0	-17.0
B208	3	GEO_Eqn_6.12b_nls01	41769.64	0.0	21.0	0.0	-2.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls01	41769.64	0.0	6.0	0.0	-4.0	0.0	13.0
B208	3	GEO_Eqn_6.12b_nls01	42266.62	0.0	9.0	0.0	-4.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls01	42763.59	0.0	12.0	0.0	-4.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls01	43260.57	0.0	15.0	0.0	-4.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls01	43757.54	0.0	18.0	0.0	-4.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls01	44254.52	0.0	21.0	0.0	-4.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls01	44751.49	0.0	24.0	0.0	-4.0	0.0	-32.0
B208	3	GEO_Eqn_6.12b_nls02	0	0.0	6.0	0.0	-21.0	0.0	45.0
B208	3	GEO_Eqn_6.12b_nls02	496.21	0.0	9.0	0.0	-21.0	0.0	41.0
B208	3	GEO_Eqn_6.12b_nls02	992.41	0.0	13.0	0.0	-21.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls02	1488.62	0.0	16.0	0.0	-21.0	0.0	29.0
B208	3	GEO_Eqn_6.12b_nls02	1984.82	0.0	19.0	0.0	-21.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls02	2481.03	0.0	22.0	0.0	-21.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls02	2977.23	0.0	25.0	0.0	-21.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls02	3473.44	0.0	28.0	0.0	-21.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls02	3969.64	0.0	31.0	0.0	-21.0	0.0	-29.0
B208	3	GEO_Eqn_6.12b_nls02	3969.64	0.0	-15.0	0.0	-11.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls02	4460.55	0.0	-12.0	0.0	-11.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls02	4951.46	0.0	-9.0	0.0	-11.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls02	5442.37	0.0	-6.0	0.0	-11.0	0.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls02	5933.28	0.0	-3.0	0.0	-11.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls02	6424.19	0.0	0.4	0.0	-11.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls02	6915.1	0.0	3.0	0.0	-11.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls02	7406.01	0.0	7.0	0.0	-11.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls02	7896.91	0.0	10.0	0.0	-11.0	0.0	-0.4
B208	3	GEO_Eqn_6.12b_nls02	8387.82	0.0	13.0	0.0	-11.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls02	8878.73	0.0	16.0	0.0	-11.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls02	9369.64	0.0	19.0	0.0	-11.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls02	9369.64	0.0	-14.0	0.0	4.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls02	9860.55	0.0	-11.0	0.0	4.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls02	10351.46	0.0	-8.0	0.0	4.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls02	10842.37	0.0	-5.0	0.0	4.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls02	11333.28	0.0	-2.0	0.0	4.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls02	11824.19	0.0	1.0	0.0	4.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls02	12315.1	0.0	4.0	0.0	4.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls02	12806.01	0.0	7.0	0.0	4.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls02	13296.91	0.0	10.0	0.0	4.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls02	13787.82	0.0	13.0	0.0	4.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls02	14278.73	0.0	16.0	0.0	4.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls02	14769.64	0.0	19.0	0.0	4.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls02	14769.64	0.0	-10.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls02	15260.55	0.0	-7.0	0.0	-4.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls02	15751.46	0.0	-4.0	0.0	-4.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls02	16242.37	0.0	-1.0	0.0	-4.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls02	16733.28	0.0	2.0	0.0	-4.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls02	17224.19	0.0	5.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls02	17715.1	0.0	8.0	0.0	-4.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls02	18206.01	0.0	11.0	0.0	-4.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls02	18696.91	0.0	14.0	0.0	-4.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls02	19187.82	0.0	17.0	0.0	-4.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls02	19678.73	0.0	20.0	0.0	-4.0	0.0	-30.0
B208	3	GEO_Eqn_6.12b_nls02	20169.64	0.0	24.0	0.0	-4.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls02	20169.64	0.0	-33.0	0.0	7.0	0.0	-50.0
B208	3	GEO_Eqn_6.12b_nls02	20660.55	0.0	-30.0	0.0	7.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls02	21151.46	0.0	-27.0	0.0	7.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls02	21642.37	0.0	-24.0	0.0	7.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls02	22133.28	0.0	-21.0	0.0	7.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls02	22624.19	0.0	-18.0	0.0	7.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls02	23115.1	0.0	-15.0	0.0	7.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls02	23606.01	0.0	-12.0	0.0	7.0	0.0	27.0
B208	3	GEO_Eqn_6.12b_nls02	24096.91	0.0	-9.0	0.0	7.0	0.0	32.0
B208	3	GEO_Eqn_6.12b_nls02	24587.82	0.0	-5.0	0.0	7.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls02	25078.73	0.0	-2.0	0.0	7.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls02	25569.64	0.0	1.0	0.0	7.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls02	26060.55	0.0	4.0	0.0	7.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls02	26551.46	0.0	7.0	0.0	7.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls02	27042.37	0.0	10.0	0.0	7.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls02	27533.28	0.0	13.0	0.0	7.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls02	28024.19	0.0	16.0	0.0	7.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls02	28515.1	0.0	19.0	0.0	7.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls02	29006.01	0.0	22.0	0.0	7.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls02	29496.91	0.0	25.0	0.0	7.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls02	29987.82	0.0	28.0	0.0	7.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls02	30478.73	0.0	31.0	0.0	7.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls02	30969.64	0.0	34.0	0.0	7.0	0.0	-57.0
B208	3	GEO_Eqn_6.12b_nls02	30969.64	0.0	-20.0	0.0	-4.0	0.0	-32.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls02	31460.55	0.0	-17.0	0.0	-4.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls02	31951.46	0.0	-14.0	0.0	-4.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls02	32442.37	0.0	-11.0	0.0	-4.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls02	32933.28	0.0	-8.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls02	33424.19	0.0	-5.0	0.0	-4.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls02	33915.1	0.0	-2.0	0.0	-4.0	0.0	-0.4
B208	3	GEO_Eqn_6.12b_nls02	34406.01	0.0	1.0	0.0	-4.0	0.0	-0.4
B208	3	GEO_Eqn_6.12b_nls02	34896.91	0.0	5.0	0.0	-4.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls02	35387.82	0.0	8.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls02	35878.73	0.0	11.0	0.0	-4.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls02	36369.64	0.0	14.0	0.0	-4.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls02	36369.64	0.0	-13.0	0.0	0.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls02	36860.55	0.0	-10.0	0.0	0.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls02	37351.46	0.0	-7.0	0.0	0.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls02	37842.37	0.0	-4.0	0.0	0.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls02	38333.28	0.0	-1.0	0.0	0.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls02	38824.19	0.0	2.0	0.0	0.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls02	39315.1	0.0	5.0	0.0	0.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls02	39806.01	0.0	8.0	0.0	0.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls02	40296.91	0.0	12.0	0.0	0.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls02	40787.82	0.0	15.0	0.0	0.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls02	41278.73	0.0	18.0	0.0	0.0	0.0	-17.0
B208	3	GEO_Eqn_6.12b_nls02	41769.64	0.0	21.0	0.0	0.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls02	41769.64	0.0	7.0	0.0	-8.0	0.0	14.0
B208	3	GEO_Eqn_6.12b_nls02	42266.62	0.0	10.0	0.0	-8.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls02	42763.59	0.0	13.0	0.0	-8.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls02	43260.57	0.0	16.0	0.0	-8.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls02	43757.54	0.0	20.0	0.0	-8.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls02	44254.52	0.0	23.0	0.0	-8.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls02	44751.49	0.0	26.0	0.0	-8.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls03	0	0.0	-12.0	0.0	-14.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls03	496.21	0.0	-9.0	0.0	-14.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls03	992.41	0.0	-6.0	0.0	-14.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls03	1488.62	0.0	-3.0	0.0	-14.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls03	1984.82	0.0	0.4	0.0	-14.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls03	2481.03	0.0	4.0	0.0	-14.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls03	2977.23	0.0	7.0	0.0	-14.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls03	3473.44	0.0	10.0	0.0	-14.0	0.0	0.2
B208	3	GEO_Eqn_6.12b_nls03	3969.64	0.0	13.0	0.0	-14.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls03	3969.64	0.0	-19.0	0.0	4.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls03	4460.55	0.0	-16.0	0.0	4.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls03	4951.46	0.0	-13.0	0.0	4.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls03	5442.37	0.0	-10.0	0.0	4.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls03	5933.28	0.0	-7.0	0.0	4.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls03	6424.19	0.0	-4.0	0.0	4.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls03	6915.1	0.0	-1.0	0.0	4.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls03	7406.01	0.0	2.0	0.0	4.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls03	7896.91	0.0	5.0	0.0	4.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls03	8387.82	0.0	8.0	0.0	4.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls03	8878.73	0.0	11.0	0.0	4.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls03	9369.64	0.0	14.0	0.0	4.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls03	9369.64	0.0	-21.0	0.0	1.0	0.0	-25.0
B208	3	GEO_Eqn_6.12b_nls03	9860.55	0.0	-18.0	0.0	1.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls03	10351.46	0.0	-15.0	0.0	1.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls03	10842.37	0.0	-11.0	0.0	1.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls03	11333.28	0.0	-8.0	0.0	1.0	0.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls03	11824.19	0.0	-5.0	0.0	1.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls03	12315.1	0.0	-2.0	0.0	1.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls03	12806.01	0.0	1.0	0.0	1.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls03	13296.91	0.0	4.0	0.0	1.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls03	13787.82	0.0	7.0	0.0	1.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls03	14278.73	0.0	10.0	0.0	1.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls03	14769.64	0.0	13.0	0.0	1.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls03	14769.64	0.0	-13.0	0.0	7.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls03	15260.55	0.0	-10.0	0.0	7.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls03	15751.46	0.0	-7.0	0.0	7.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls03	16242.37	0.0	-4.0	0.0	7.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls03	16733.28	0.0	-1.0	0.0	7.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls03	17224.19	0.0	2.0	0.0	7.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls03	17715.1	0.0	5.0	0.0	7.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls03	18206.01	0.0	8.0	0.0	7.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls03	18696.91	0.0	11.0	0.0	7.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls03	19187.82	0.0	14.0	0.0	7.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls03	19678.73	0.0	17.0	0.0	7.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls03	20169.64	0.0	20.0	0.0	7.0	0.0	-33.0
B208	3	GEO_Eqn_6.12b_nls03	20169.64	0.0	-34.0	0.0	-6.0	0.0	-57.0
B208	3	GEO_Eqn_6.12b_nls03	20660.55	0.0	-31.0	0.0	-6.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls03	21151.46	0.0	-28.0	0.0	-6.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls03	21642.37	0.0	-25.0	0.0	-6.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls03	22133.28	0.0	-22.0	0.0	-6.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls03	22624.19	0.0	-19.0	0.0	-6.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls03	23115.1	0.0	-16.0	0.0	-6.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls03	23606.01	0.0	-13.0	0.0	-6.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls03	24096.91	0.0	-10.0	0.0	-6.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls03	24587.82	0.0	-7.0	0.0	-6.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls03	25078.73	0.0	-4.0	0.0	-6.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls03	25569.64	0.0	-1.0	0.0	-6.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls03	26060.55	0.0	2.0	0.0	-6.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls03	26551.46	0.0	6.0	0.0	-6.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls03	27042.37	0.0	9.0	0.0	-6.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls03	27533.28	0.0	12.0	0.0	-6.0	0.0	26.0
B208	3	GEO_Eqn_6.12b_nls03	28024.19	0.0	15.0	0.0	-6.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls03	28515.1	0.0	18.0	0.0	-6.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls03	29006.01	0.0	21.0	0.0	-6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls03	29496.91	0.0	24.0	0.0	-6.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls03	29987.82	0.0	27.0	0.0	-6.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls03	30478.73	0.0	30.0	0.0	-6.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls03	30969.64	0.0	33.0	0.0	-6.0	0.0	-51.0
B208	3	GEO_Eqn_6.12b_nls03	30969.64	0.0	-24.0	0.0	5.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls03	31460.55	0.0	-21.0	0.0	5.0	0.0	-30.0
B208	3	GEO_Eqn_6.12b_nls03	31951.46	0.0	-18.0	0.0	5.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls03	32442.37	0.0	-14.0	0.0	5.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls03	32933.28	0.0	-11.0	0.0	5.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls03	33424.19	0.0	-8.0	0.0	5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls03	33915.1	0.0	-5.0	0.0	5.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls03	34406.01	0.0	-2.0	0.0	5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls03	34896.91	0.0	1.0	0.0	5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls03	35387.82	0.0	4.0	0.0	5.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls03	35878.73	0.0	7.0	0.0	5.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls03	36369.64	0.0	10.0	0.0	5.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls03	36369.64	0.0	-20.0	0.0	8.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls03	36860.55	0.0	-17.0	0.0	8.0	0.0	-12.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls03	37351.46	0.0	-14.0	0.0	8.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls03	37842.37	0.0	-11.0	0.0	8.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls03	38333.28	0.0	-8.0	0.0	8.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls03	38824.19	0.0	-5.0	0.0	8.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls03	39315.1	0.0	-2.0	0.0	8.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls03	39806.01	0.0	1.0	0.0	8.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls03	40296.91	0.0	4.0	0.0	8.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls03	40787.82	0.0	7.0	0.0	8.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls03	41278.73	0.0	10.0	0.0	8.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls03	41769.64	0.0	13.0	0.0	8.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls03	41769.64	0.0	-35.0	0.0	14.0	0.0	-38.0
B208	3	GEO_Eqn_6.12b_nls03	42266.62	0.0	-32.0	0.0	14.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls03	42763.59	0.0	-29.0	0.0	14.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls03	43260.57	0.0	-26.0	0.0	14.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls03	43757.54	0.0	-23.0	0.0	14.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls03	44254.52	0.0	-20.0	0.0	14.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls03	44751.49	0.0	-17.0	0.0	14.0	0.0	39.0
B208	3	GEO_Eqn_6.12b_nls04	0	0.0	-14.0	0.0	-20.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls04	496.21	0.0	-11.0	0.0	-20.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls04	992.41	0.0	-8.0	0.0	-20.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls04	1488.62	0.0	-5.0	0.0	-20.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls04	1984.82	0.0	-2.0	0.0	-20.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls04	2481.03	0.0	1.0	0.0	-20.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls04	2977.23	0.0	4.0	0.0	-20.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls04	3473.44	0.0	8.0	0.0	-20.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls04	3969.64	0.0	11.0	0.0	-20.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls04	3969.64	0.0	-19.0	0.0	3.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls04	4460.55	0.0	-16.0	0.0	3.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls04	4951.46	0.0	-13.0	0.0	3.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls04	5442.37	0.0	-10.0	0.0	3.0	0.0	0.3
B208	3	GEO_Eqn_6.12b_nls04	5933.28	0.0	-7.0	0.0	3.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls04	6424.19	0.0	-4.0	0.0	3.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls04	6915.1	0.0	-1.0	0.0	3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls04	7406.01	0.0	2.0	0.0	3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls04	7896.91	0.0	5.0	0.0	3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls04	8387.82	0.0	9.0	0.0	3.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls04	8878.73	0.0	12.0	0.0	3.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls04	9369.64	0.0	15.0	0.0	3.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls04	9369.64	0.0	-20.0	0.0	-3.0	0.0	-25.0
B208	3	GEO_Eqn_6.12b_nls04	9860.55	0.0	-17.0	0.0	-3.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls04	10351.46	0.0	-14.0	0.0	-3.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls04	10842.37	0.0	-11.0	0.0	-3.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls04	11333.28	0.0	-8.0	0.0	-3.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls04	11824.19	0.0	-5.0	0.0	-3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls04	12315.1	0.0	-2.0	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls04	12806.01	0.0	1.0	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls04	13296.91	0.0	4.0	0.0	-3.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls04	13787.82	0.0	7.0	0.0	-3.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls04	14278.73	0.0	10.0	0.0	-3.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls04	14769.64	0.0	13.0	0.0	-3.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls04	14769.64	0.0	-14.0	0.0	6.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls04	15260.55	0.0	-10.0	0.0	6.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls04	15751.46	0.0	-7.0	0.0	6.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls04	16242.37	0.0	-4.0	0.0	6.0	0.0	0.3
B208	3	GEO_Eqn_6.12b_nls04	16733.28	0.0	-1.0	0.0	6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls04	17224.19	0.0	2.0	0.0	6.0	0.0	2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls04	17715.1	0.0	5.0	0.0	6.0	0.0	-0.1
B208	3	GEO_Eqn_6.12b_nls04	18206.01	0.0	8.0	0.0	6.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls04	18696.91	0.0	11.0	0.0	6.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls04	19187.82	0.0	14.0	0.0	6.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls04	19678.73	0.0	17.0	0.0	6.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls04	20169.64	0.0	20.0	0.0	6.0	0.0	-31.0
B208	3	GEO_Eqn_6.12b_nls04	20169.64	0.0	-34.0	0.0	-3.0	0.0	-58.0
B208	3	GEO_Eqn_6.12b_nls04	20660.55	0.0	-31.0	0.0	-3.0	0.0	-42.0
B208	3	GEO_Eqn_6.12b_nls04	21151.46	0.0	-28.0	0.0	-3.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls04	21642.37	0.0	-25.0	0.0	-3.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls04	22133.28	0.0	-22.0	0.0	-3.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls04	22624.19	0.0	-19.0	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls04	23115.1	0.0	-16.0	0.0	-3.0	0.0	16.0
B208	3	GEO_Eqn_6.12b_nls04	23606.01	0.0	-13.0	0.0	-3.0	0.0	23.0
B208	3	GEO_Eqn_6.12b_nls04	24096.91	0.0	-10.0	0.0	-3.0	0.0	29.0
B208	3	GEO_Eqn_6.12b_nls04	24587.82	0.0	-7.0	0.0	-3.0	0.0	33.0
B208	3	GEO_Eqn_6.12b_nls04	25078.73	0.0	-4.0	0.0	-3.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls04	25569.64	0.0	-1.0	0.0	-3.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls04	26060.55	0.0	2.0	0.0	-3.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls04	26551.46	0.0	5.0	0.0	-3.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls04	27042.37	0.0	8.0	0.0	-3.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls04	27533.28	0.0	12.0	0.0	-3.0	0.0	26.0
B208	3	GEO_Eqn_6.12b_nls04	28024.19	0.0	15.0	0.0	-3.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls04	28515.1	0.0	18.0	0.0	-3.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls04	29006.01	0.0	21.0	0.0	-3.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls04	29496.91	0.0	24.0	0.0	-3.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls04	29987.82	0.0	27.0	0.0	-3.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls04	30478.73	0.0	30.0	0.0	-3.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls04	30969.64	0.0	33.0	0.0	-3.0	0.0	-50.0
B208	3	GEO_Eqn_6.12b_nls04	30969.64	0.0	-23.0	0.0	7.0	0.0	-40.0
B208	3	GEO_Eqn_6.12b_nls04	31460.55	0.0	-20.0	0.0	7.0	0.0	-29.0
B208	3	GEO_Eqn_6.12b_nls04	31951.46	0.0	-17.0	0.0	7.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls04	32442.37	0.0	-14.0	0.0	7.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls04	32933.28	0.0	-11.0	0.0	7.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls04	33424.19	0.0	-8.0	0.0	7.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls04	33915.1	0.0	-5.0	0.0	7.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls04	34406.01	0.0	-2.0	0.0	7.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls04	34896.91	0.0	1.0	0.0	7.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls04	35387.82	0.0	4.0	0.0	7.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls04	35878.73	0.0	7.0	0.0	7.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls04	36369.64	0.0	10.0	0.0	7.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls04	36369.64	0.0	-21.0	0.0	12.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls04	36860.55	0.0	-18.0	0.0	12.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls04	37351.46	0.0	-15.0	0.0	12.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls04	37842.37	0.0	-12.0	0.0	12.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls04	38333.28	0.0	-9.0	0.0	12.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls04	38824.19	0.0	-5.0	0.0	12.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls04	39315.1	0.0	-2.0	0.0	12.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls04	39806.01	0.0	1.0	0.0	12.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls04	40296.91	0.0	4.0	0.0	12.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls04	40787.82	0.0	7.0	0.0	12.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls04	41278.73	0.0	10.0	0.0	12.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls04	41769.64	0.0	13.0	0.0	12.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls04	41769.64	0.0	-33.0	0.0	6.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls04	42266.62	0.0	-30.0	0.0	6.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls04	42763.59	0.0	-27.0	0.0	6.0	0.0	-6.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls04	43260.57	0.0	-23.0	0.0	6.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls04	43757.54	0.0	-20.0	0.0	6.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls04	44254.52	0.0	-17.0	0.0	6.0	0.0	27.0
B208	3	GEO_Eqn_6.12b_nls04	44751.49	0.0	-14.0	0.0	6.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls05	0	0.0	7.0	0.0	-19.0	0.0	48.0
B208	3	GEO_Eqn_6.12b_nls05	496.21	0.0	10.0	0.0	-19.0	0.0	43.0
B208	3	GEO_Eqn_6.12b_nls05	992.41	0.0	13.0	0.0	-19.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls05	1488.62	0.0	17.0	0.0	-19.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls05	1984.82	0.0	20.0	0.0	-19.0	0.0	21.0
B208	3	GEO_Eqn_6.12b_nls05	2481.03	0.0	23.0	0.0	-19.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls05	2977.23	0.0	26.0	0.0	-19.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls05	3473.44	0.0	29.0	0.0	-19.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls05	3969.64	0.0	32.0	0.0	-19.0	0.0	-30.0
B208	3	GEO_Eqn_6.12b_nls05	3969.64	0.0	-15.0	0.0	-11.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls05	4460.55	0.0	-12.0	0.0	-11.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls05	4951.46	0.0	-9.0	0.0	-11.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls05	5442.37	0.0	-6.0	0.0	-11.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls05	5933.28	0.0	-3.0	0.0	-11.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls05	6424.19	0.0	0.4	0.0	-11.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls05	6915.1	0.0	3.0	0.0	-11.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls05	7406.01	0.0	7.0	0.0	-11.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls05	7896.91	0.0	10.0	0.0	-11.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls05	8387.82	0.0	13.0	0.0	-11.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls05	8878.73	0.0	16.0	0.0	-11.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls05	9369.64	0.0	19.0	0.0	-11.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls05	9369.64	0.0	-14.0	0.0	6.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls05	9860.55	0.0	-11.0	0.0	6.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls05	10351.46	0.0	-8.0	0.0	6.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls05	10842.37	0.0	-5.0	0.0	6.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls05	11333.28	0.0	-2.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls05	11824.19	0.0	1.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls05	12315.1	0.0	4.0	0.0	6.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls05	12806.01	0.0	7.0	0.0	6.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls05	13296.91	0.0	10.0	0.0	6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls05	13787.82	0.0	13.0	0.0	6.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls05	14278.73	0.0	16.0	0.0	6.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls05	14769.64	0.0	19.0	0.0	6.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls05	14769.64	0.0	-10.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls05	15260.55	0.0	-7.0	0.0	-4.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls05	15751.46	0.0	-4.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls05	16242.37	0.0	-1.0	0.0	-4.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls05	16733.28	0.0	2.0	0.0	-4.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls05	17224.19	0.0	5.0	0.0	-4.0	0.0	0.5
B208	3	GEO_Eqn_6.12b_nls05	17715.1	0.0	8.0	0.0	-4.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls05	18206.01	0.0	11.0	0.0	-4.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls05	18696.91	0.0	14.0	0.0	-4.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls05	19187.82	0.0	18.0	0.0	-4.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls05	19678.73	0.0	21.0	0.0	-4.0	0.0	-31.0
B208	3	GEO_Eqn_6.12b_nls05	20169.64	0.0	24.0	0.0	-4.0	0.0	-42.0
B208	3	GEO_Eqn_6.12b_nls05	20169.64	0.0	-33.0	0.0	6.0	0.0	-50.0
B208	3	GEO_Eqn_6.12b_nls05	20660.55	0.0	-30.0	0.0	6.0	0.0	-34.0
B208	3	GEO_Eqn_6.12b_nls05	21151.46	0.0	-27.0	0.0	6.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls05	21642.37	0.0	-24.0	0.0	6.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls05	22133.28	0.0	-21.0	0.0	6.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls05	22624.19	0.0	-18.0	0.0	6.0	0.0	13.0
B208	3	GEO_Eqn_6.12b_nls05	23115.1	0.0	-15.0	0.0	6.0	0.0	21.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls05	23606.01	0.0	-12.0	0.0	6.0	0.0	27.0
B208	3	GEO_Eqn_6.12b_nls05	24096.91	0.0	-8.0	0.0	6.0	0.0	32.0
B208	3	GEO_Eqn_6.12b_nls05	24587.82	0.0	-5.0	0.0	6.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls05	25078.73	0.0	-2.0	0.0	6.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls05	25569.64	0.0	1.0	0.0	6.0	0.0	38.0
B208	3	GEO_Eqn_6.12b_nls05	26060.55	0.0	4.0	0.0	6.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls05	26551.46	0.0	7.0	0.0	6.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls05	27042.37	0.0	10.0	0.0	6.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls05	27533.28	0.0	13.0	0.0	6.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls05	28024.19	0.0	16.0	0.0	6.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls05	28515.1	0.0	19.0	0.0	6.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls05	29006.01	0.0	22.0	0.0	6.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls05	29496.91	0.0	25.0	0.0	6.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls05	29987.82	0.0	28.0	0.0	6.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls05	30478.73	0.0	31.0	0.0	6.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls05	30969.64	0.0	34.0	0.0	6.0	0.0	-58.0
B208	3	GEO_Eqn_6.12b_nls05	30969.64	0.0	-20.0	0.0	-5.0	0.0	-33.0
B208	3	GEO_Eqn_6.12b_nls05	31460.55	0.0	-17.0	0.0	-5.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls05	31951.46	0.0	-14.0	0.0	-5.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls05	32442.37	0.0	-11.0	0.0	-5.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls05	32933.28	0.0	-8.0	0.0	-5.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls05	33424.19	0.0	-5.0	0.0	-5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls05	33915.1	0.0	-2.0	0.0	-5.0	0.0	-0.4
B208	3	GEO_Eqn_6.12b_nls05	34406.01	0.0	1.0	0.0	-5.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls05	34896.91	0.0	4.0	0.0	-5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls05	35387.82	0.0	7.0	0.0	-5.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls05	35878.73	0.0	11.0	0.0	-5.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls05	36369.64	0.0	14.0	0.0	-5.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls05	36369.64	0.0	-13.0	0.0	-2.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls05	36860.55	0.0	-10.0	0.0	-2.0	0.0	0.5
B208	3	GEO_Eqn_6.12b_nls05	37351.46	0.0	-7.0	0.0	-2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls05	37842.37	0.0	-3.0	0.0	-2.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls05	38333.28	0.0	-0.4	0.0	-2.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls05	38824.19	0.0	3.0	0.0	-2.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls05	39315.1	0.0	6.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls05	39806.01	0.0	9.0	0.0	-2.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls05	40296.91	0.0	12.0	0.0	-2.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls05	40787.82	0.0	15.0	0.0	-2.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls05	41278.73	0.0	18.0	0.0	-2.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls05	41769.64	0.0	21.0	0.0	-2.0	0.0	-28.0
B208	3	GEO_Eqn_6.12b_nls05	41769.64	0.0	6.0	0.0	-4.0	0.0	14.0
B208	3	GEO_Eqn_6.12b_nls05	42266.62	0.0	9.0	0.0	-4.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls05	42763.59	0.0	12.0	0.0	-4.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls05	43260.57	0.0	16.0	0.0	-4.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls05	43757.54	0.0	19.0	0.0	-4.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls05	44254.52	0.0	22.0	0.0	-4.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls05	44751.49	0.0	25.0	0.0	-4.0	0.0	-33.0
B208	3	GEO_Eqn_6.12b_nls06	0	0.0	6.0	0.0	-25.0	0.0	44.0
B208	3	GEO_Eqn_6.12b_nls06	496.21	0.0	9.0	0.0	-25.0	0.0	40.0
B208	3	GEO_Eqn_6.12b_nls06	992.41	0.0	12.0	0.0	-25.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls06	1488.62	0.0	15.0	0.0	-25.0	0.0	28.0
B208	3	GEO_Eqn_6.12b_nls06	1984.82	0.0	18.0	0.0	-25.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls06	2481.03	0.0	21.0	0.0	-25.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls06	2977.23	0.0	24.0	0.0	-25.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls06	3473.44	0.0	27.0	0.0	-25.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls06	3969.64	0.0	31.0	0.0	-25.0	0.0	-29.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls06	3969.64	0.0	-15.0	0.0	-13.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls06	4460.55	0.0	-12.0	0.0	-13.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls06	4951.46	0.0	-9.0	0.0	-13.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls06	5442.37	0.0	-5.0	0.0	-13.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls06	5933.28	0.0	-2.0	0.0	-13.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls06	6424.19	0.0	1.0	0.0	-13.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls06	6915.1	0.0	4.0	0.0	-13.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls06	7406.01	0.0	7.0	0.0	-13.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls06	7896.91	0.0	10.0	0.0	-13.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls06	8387.82	0.0	13.0	0.0	-13.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls06	8878.73	0.0	16.0	0.0	-13.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls06	9369.64	0.0	19.0	0.0	-13.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls06	9369.64	0.0	-14.0	0.0	3.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls06	9860.55	0.0	-11.0	0.0	3.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls06	10351.46	0.0	-8.0	0.0	3.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls06	10842.37	0.0	-5.0	0.0	3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls06	11333.28	0.0	-2.0	0.0	3.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls06	11824.19	0.0	1.0	0.0	3.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls06	12315.1	0.0	4.0	0.0	3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls06	12806.01	0.0	7.0	0.0	3.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls06	13296.91	0.0	11.0	0.0	3.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls06	13787.82	0.0	14.0	0.0	3.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls06	14278.73	0.0	17.0	0.0	3.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls06	14769.64	0.0	20.0	0.0	3.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls06	14769.64	0.0	-10.0	0.0	-5.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls06	15260.55	0.0	-7.0	0.0	-5.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls06	15751.46	0.0	-4.0	0.0	-5.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls06	16242.37	0.0	-1.0	0.0	-5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls06	16733.28	0.0	2.0	0.0	-5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls06	17224.19	0.0	5.0	0.0	-5.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls06	17715.1	0.0	8.0	0.0	-5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls06	18206.01	0.0	11.0	0.0	-5.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls06	18696.91	0.0	14.0	0.0	-5.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls06	19187.82	0.0	17.0	0.0	-5.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls06	19678.73	0.0	20.0	0.0	-5.0	0.0	-29.0
B208	3	GEO_Eqn_6.12b_nls06	20169.64	0.0	24.0	0.0	-5.0	0.0	-40.0
B208	3	GEO_Eqn_6.12b_nls06	20169.64	0.0	-33.0	0.0	9.0	0.0	-50.0
B208	3	GEO_Eqn_6.12b_nls06	20660.55	0.0	-30.0	0.0	9.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls06	21151.46	0.0	-27.0	0.0	9.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls06	21642.37	0.0	-24.0	0.0	9.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls06	22133.28	0.0	-21.0	0.0	9.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls06	22624.19	0.0	-18.0	0.0	9.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls06	23115.1	0.0	-15.0	0.0	9.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls06	23606.01	0.0	-12.0	0.0	9.0	0.0	27.0
B208	3	GEO_Eqn_6.12b_nls06	24096.91	0.0	-9.0	0.0	9.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls06	24587.82	0.0	-5.0	0.0	9.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls06	25078.73	0.0	-2.0	0.0	9.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls06	25569.64	0.0	1.0	0.0	9.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls06	26060.55	0.0	4.0	0.0	9.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls06	26551.46	0.0	7.0	0.0	9.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls06	27042.37	0.0	10.0	0.0	9.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls06	27533.28	0.0	13.0	0.0	9.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls06	28024.19	0.0	16.0	0.0	9.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls06	28515.1	0.0	19.0	0.0	9.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls06	29006.01	0.0	22.0	0.0	9.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls06	29496.91	0.0	25.0	0.0	9.0	0.0	-13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls06	29987.82	0.0	28.0	0.0	9.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls06	30478.73	0.0	31.0	0.0	9.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls06	30969.64	0.0	34.0	0.0	9.0	0.0	-57.0
B208	3	GEO_Eqn_6.12b_nls06	30969.64	0.0	-20.0	0.0	-3.0	0.0	-32.0
B208	3	GEO_Eqn_6.12b_nls06	31460.55	0.0	-17.0	0.0	-3.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls06	31951.46	0.0	-14.0	0.0	-3.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls06	32442.37	0.0	-11.0	0.0	-3.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls06	32933.28	0.0	-8.0	0.0	-3.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls06	33424.19	0.0	-4.0	0.0	-3.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls06	33915.1	0.0	-1.0	0.0	-3.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls06	34406.01	0.0	2.0	0.0	-3.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls06	34896.91	0.0	5.0	0.0	-3.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls06	35387.82	0.0	8.0	0.0	-3.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls06	35878.73	0.0	11.0	0.0	-3.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls06	36369.64	0.0	14.0	0.0	-3.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls06	36369.64	0.0	-13.0	0.0	1.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls06	36860.55	0.0	-10.0	0.0	1.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls06	37351.46	0.0	-7.0	0.0	1.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls06	37842.37	0.0	-4.0	0.0	1.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls06	38333.28	0.0	-1.0	0.0	1.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls06	38824.19	0.0	2.0	0.0	1.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls06	39315.1	0.0	5.0	0.0	1.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls06	39806.01	0.0	9.0	0.0	1.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls06	40296.91	0.0	12.0	0.0	1.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls06	40787.82	0.0	15.0	0.0	1.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls06	41278.73	0.0	18.0	0.0	1.0	0.0	-17.0
B208	3	GEO_Eqn_6.12b_nls06	41769.64	0.0	21.0	0.0	1.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls06	41769.64	0.0	9.0	0.0	-11.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls06	42266.62	0.0	13.0	0.0	-11.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls06	42763.59	0.0	16.0	0.0	-11.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls06	43260.57	0.0	19.0	0.0	-11.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls06	43757.54	0.0	22.0	0.0	-11.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls06	44254.52	0.0	25.0	0.0	-11.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls06	44751.49	0.0	28.0	0.0	-11.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls07	0	0.0	-12.0	0.0	-13.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls07	496.21	0.0	-9.0	0.0	-13.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls07	992.41	0.0	-6.0	0.0	-13.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls07	1488.62	0.0	-3.0	0.0	-13.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls07	1984.82	0.0	0.4	0.0	-13.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls07	2481.03	0.0	4.0	0.0	-13.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls07	2977.23	0.0	7.0	0.0	-13.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls07	3473.44	0.0	10.0	0.0	-13.0	0.0	0.3
B208	3	GEO_Eqn_6.12b_nls07	3969.64	0.0	13.0	0.0	-13.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls07	3969.64	0.0	-20.0	0.0	5.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls07	4460.55	0.0	-16.0	0.0	5.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls07	4951.46	0.0	-13.0	0.0	5.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls07	5442.37	0.0	-10.0	0.0	5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls07	5933.28	0.0	-7.0	0.0	5.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls07	6424.19	0.0	-4.0	0.0	5.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls07	6915.1	0.0	-1.0	0.0	5.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls07	7406.01	0.0	2.0	0.0	5.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls07	7896.91	0.0	5.0	0.0	5.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls07	8387.82	0.0	8.0	0.0	5.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls07	8878.73	0.0	11.0	0.0	5.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls07	9369.64	0.0	14.0	0.0	5.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls07	9369.64	0.0	-21.0	0.0	0.5	0.0	-25.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls07	9860.55	0.0	-18.0	0.0	0.5	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls07	10351.46	0.0	-15.0	0.0	0.5	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls07	10842.37	0.0	-12.0	0.0	0.5	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls07	11333.28	0.0	-8.0	0.0	0.5	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls07	11824.19	0.0	-5.0	0.0	0.5	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls07	12315.1	0.0	-2.0	0.0	0.5	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls07	12806.01	0.0	1.0	0.0	0.5	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls07	13296.91	0.0	4.0	0.0	0.5	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls07	13787.82	0.0	7.0	0.0	0.5	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls07	14278.73	0.0	10.0	0.0	0.5	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls07	14769.64	0.0	13.0	0.0	0.5	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls07	14769.64	0.0	-13.0	0.0	6.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls07	15260.55	0.0	-10.0	0.0	6.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls07	15751.46	0.0	-7.0	0.0	6.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls07	16242.37	0.0	-4.0	0.0	6.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls07	16733.28	0.0	-1.0	0.0	6.0	0.0	-0.1
B208	3	GEO_Eqn_6.12b_nls07	17224.19	0.0	2.0	0.0	6.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls07	17715.1	0.0	5.0	0.0	6.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls07	18206.01	0.0	8.0	0.0	6.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls07	18696.91	0.0	11.0	0.0	6.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls07	19187.82	0.0	14.0	0.0	6.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls07	19678.73	0.0	17.0	0.0	6.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls07	20169.64	0.0	20.0	0.0	6.0	0.0	-33.0
B208	3	GEO_Eqn_6.12b_nls07	20169.64	0.0	-34.0	0.0	-7.0	0.0	-57.0
B208	3	GEO_Eqn_6.12b_nls07	20660.55	0.0	-31.0	0.0	-7.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls07	21151.46	0.0	-28.0	0.0	-7.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls07	21642.37	0.0	-25.0	0.0	-7.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls07	22133.28	0.0	-22.0	0.0	-7.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls07	22624.19	0.0	-19.0	0.0	-7.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls07	23115.1	0.0	-16.0	0.0	-7.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls07	23606.01	0.0	-13.0	0.0	-7.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls07	24096.91	0.0	-10.0	0.0	-7.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls07	24587.82	0.0	-7.0	0.0	-7.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls07	25078.73	0.0	-4.0	0.0	-7.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls07	25569.64	0.0	-1.0	0.0	-7.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls07	26060.55	0.0	2.0	0.0	-7.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls07	26551.46	0.0	6.0	0.0	-7.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls07	27042.37	0.0	9.0	0.0	-7.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls07	27533.28	0.0	12.0	0.0	-7.0	0.0	26.0
B208	3	GEO_Eqn_6.12b_nls07	28024.19	0.0	15.0	0.0	-7.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls07	28515.1	0.0	18.0	0.0	-7.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls07	29006.01	0.0	21.0	0.0	-7.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls07	29496.91	0.0	24.0	0.0	-7.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls07	29987.82	0.0	27.0	0.0	-7.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls07	30478.73	0.0	30.0	0.0	-7.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls07	30969.64	0.0	33.0	0.0	-7.0	0.0	-50.0
B208	3	GEO_Eqn_6.12b_nls07	30969.64	0.0	-24.0	0.0	5.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls07	31460.55	0.0	-21.0	0.0	5.0	0.0	-30.0
B208	3	GEO_Eqn_6.12b_nls07	31951.46	0.0	-18.0	0.0	5.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls07	32442.37	0.0	-14.0	0.0	5.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls07	32933.28	0.0	-11.0	0.0	5.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls07	33424.19	0.0	-8.0	0.0	5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls07	33915.1	0.0	-5.0	0.0	5.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls07	34406.01	0.0	-2.0	0.0	5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls07	34896.91	0.0	1.0	0.0	5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls07	35387.82	0.0	4.0	0.0	5.0	0.0	3.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls07	35878.73	0.0	7.0	0.0	5.0	0.0	0.1
B208	3	GEO_Eqn_6.12b_nls07	36369.64	0.0	10.0	0.0	5.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls07	36369.64	0.0	-21.0	0.0	8.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls07	36860.55	0.0	-18.0	0.0	8.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls07	37351.46	0.0	-14.0	0.0	8.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls07	37842.37	0.0	-11.0	0.0	8.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls07	38333.28	0.0	-8.0	0.0	8.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls07	38824.19	0.0	-5.0	0.0	8.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls07	39315.1	0.0	-2.0	0.0	8.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls07	39806.01	0.0	1.0	0.0	8.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls07	40296.91	0.0	4.0	0.0	8.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls07	40787.82	0.0	7.0	0.0	8.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls07	41278.73	0.0	10.0	0.0	8.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls07	41769.64	0.0	13.0	0.0	8.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls07	41769.64	0.0	-35.0	0.0	12.0	0.0	-38.0
B208	3	GEO_Eqn_6.12b_nls07	42266.62	0.0	-32.0	0.0	12.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls07	42763.59	0.0	-29.0	0.0	12.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls07	43260.57	0.0	-26.0	0.0	12.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls07	43757.54	0.0	-23.0	0.0	12.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls07	44254.52	0.0	-20.0	0.0	12.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls07	44751.49	0.0	-17.0	0.0	12.0	0.0	40.0
B208	3	GEO_Eqn_6.12b_nls08	0	0.0	-14.0	0.0	-19.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls08	496.21	0.0	-11.0	0.0	-19.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls08	992.41	0.0	-8.0	0.0	-19.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls08	1488.62	0.0	-5.0	0.0	-19.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls08	1984.82	0.0	-2.0	0.0	-19.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls08	2481.03	0.0	1.0	0.0	-19.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls08	2977.23	0.0	5.0	0.0	-19.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls08	3473.44	0.0	8.0	0.0	-19.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls08	3969.64	0.0	11.0	0.0	-19.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls08	3969.64	0.0	-19.0	0.0	3.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls08	4460.55	0.0	-16.0	0.0	3.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls08	4951.46	0.0	-13.0	0.0	3.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls08	5442.37	0.0	-10.0	0.0	3.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls08	5933.28	0.0	-7.0	0.0	3.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls08	6424.19	0.0	-4.0	0.0	3.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls08	6915.1	0.0	-1.0	0.0	3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls08	7406.01	0.0	2.0	0.0	3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls08	7896.91	0.0	5.0	0.0	3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls08	8387.82	0.0	8.0	0.0	3.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls08	8878.73	0.0	11.0	0.0	3.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls08	9369.64	0.0	15.0	0.0	3.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls08	9369.64	0.0	-20.0	0.0	-3.0	0.0	-25.0
B208	3	GEO_Eqn_6.12b_nls08	9860.55	0.0	-17.0	0.0	-3.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls08	10351.46	0.0	-14.0	0.0	-3.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls08	10842.37	0.0	-11.0	0.0	-3.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls08	11333.28	0.0	-8.0	0.0	-3.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls08	11824.19	0.0	-5.0	0.0	-3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls08	12315.1	0.0	-2.0	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls08	12806.01	0.0	1.0	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls08	13296.91	0.0	4.0	0.0	-3.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls08	13787.82	0.0	7.0	0.0	-3.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls08	14278.73	0.0	10.0	0.0	-3.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls08	14769.64	0.0	13.0	0.0	-3.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls08	14769.64	0.0	-14.0	0.0	6.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls08	15260.55	0.0	-10.0	0.0	6.0	0.0	-7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls08	15751.46	0.0	-7.0	0.0	6.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls08	16242.37	0.0	-4.0	0.0	6.0	0.0	0.2
B208	3	GEO_Eqn_6.12b_nls08	16733.28	0.0	-1.0	0.0	6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls08	17224.19	0.0	2.0	0.0	6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls08	17715.1	0.0	5.0	0.0	6.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls08	18206.01	0.0	8.0	0.0	6.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls08	18696.91	0.0	11.0	0.0	6.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls08	19187.82	0.0	14.0	0.0	6.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls08	19678.73	0.0	17.0	0.0	6.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls08	20169.64	0.0	20.0	0.0	6.0	0.0	-31.0
B208	3	GEO_Eqn_6.12b_nls08	20169.64	0.0	-34.0	0.0	-4.0	0.0	-58.0
B208	3	GEO_Eqn_6.12b_nls08	20660.55	0.0	-31.0	0.0	-4.0	0.0	-42.0
B208	3	GEO_Eqn_6.12b_nls08	21151.46	0.0	-28.0	0.0	-4.0	0.0	-27.0
B208	3	GEO_Eqn_6.12b_nls08	21642.37	0.0	-25.0	0.0	-4.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls08	22133.28	0.0	-22.0	0.0	-4.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls08	22624.19	0.0	-19.0	0.0	-4.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls08	23115.1	0.0	-16.0	0.0	-4.0	0.0	16.0
B208	3	GEO_Eqn_6.12b_nls08	23606.01	0.0	-13.0	0.0	-4.0	0.0	23.0
B208	3	GEO_Eqn_6.12b_nls08	24096.91	0.0	-10.0	0.0	-4.0	0.0	29.0
B208	3	GEO_Eqn_6.12b_nls08	24587.82	0.0	-7.0	0.0	-4.0	0.0	33.0
B208	3	GEO_Eqn_6.12b_nls08	25078.73	0.0	-4.0	0.0	-4.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls08	25569.64	0.0	-1.0	0.0	-4.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls08	26060.55	0.0	2.0	0.0	-4.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls08	26551.46	0.0	5.0	0.0	-4.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls08	27042.37	0.0	8.0	0.0	-4.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls08	27533.28	0.0	12.0	0.0	-4.0	0.0	26.0
B208	3	GEO_Eqn_6.12b_nls08	28024.19	0.0	15.0	0.0	-4.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls08	28515.1	0.0	18.0	0.0	-4.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls08	29006.01	0.0	21.0	0.0	-4.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls08	29496.91	0.0	24.0	0.0	-4.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls08	29987.82	0.0	27.0	0.0	-4.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls08	30478.73	0.0	30.0	0.0	-4.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls08	30969.64	0.0	33.0	0.0	-4.0	0.0	-50.0
B208	3	GEO_Eqn_6.12b_nls08	30969.64	0.0	-23.0	0.0	7.0	0.0	-40.0
B208	3	GEO_Eqn_6.12b_nls08	31460.55	0.0	-20.0	0.0	7.0	0.0	-29.0
B208	3	GEO_Eqn_6.12b_nls08	31951.46	0.0	-17.0	0.0	7.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls08	32442.37	0.0	-14.0	0.0	7.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls08	32933.28	0.0	-11.0	0.0	7.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls08	33424.19	0.0	-8.0	0.0	7.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls08	33915.1	0.0	-5.0	0.0	7.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls08	34406.01	0.0	-2.0	0.0	7.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls08	34896.91	0.0	1.0	0.0	7.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls08	35387.82	0.0	4.0	0.0	7.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls08	35878.73	0.0	7.0	0.0	7.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls08	36369.64	0.0	10.0	0.0	7.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls08	36369.64	0.0	-21.0	0.0	12.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls08	36860.55	0.0	-18.0	0.0	12.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls08	37351.46	0.0	-15.0	0.0	12.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls08	37842.37	0.0	-12.0	0.0	12.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls08	38333.28	0.0	-9.0	0.0	12.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls08	38824.19	0.0	-6.0	0.0	12.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls08	39315.1	0.0	-3.0	0.0	12.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls08	39806.01	0.0	1.0	0.0	12.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls08	40296.91	0.0	4.0	0.0	12.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls08	40787.82	0.0	7.0	0.0	12.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls08	41278.73	0.0	10.0	0.0	12.0	0.0	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls08	41769.64	0.0	13.0	0.0	12.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls08	41769.64	0.0	-33.0	0.0	5.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls08	42266.62	0.0	-30.0	0.0	5.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls08	42763.59	0.0	-27.0	0.0	5.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls08	43260.57	0.0	-24.0	0.0	5.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls08	43757.54	0.0	-20.0	0.0	5.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls08	44254.52	0.0	-17.0	0.0	5.0	0.0	27.0
B208	3	GEO_Eqn_6.12b_nls08	44751.49	0.0	-14.0	0.0	5.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls09	0	0.0	2.0	0.0	-9.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls09	496.21	0.0	5.0	0.0	-9.0	0.0	32.0
B208	3	GEO_Eqn_6.12b_nls09	992.41	0.0	8.0	0.0	-9.0	0.0	29.0
B208	3	GEO_Eqn_6.12b_nls09	1488.62	0.0	11.0	0.0	-9.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls09	1984.82	0.0	15.0	0.0	-9.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls09	2481.03	0.0	18.0	0.0	-9.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls09	2977.23	0.0	21.0	0.0	-9.0	0.0	0.1
B208	3	GEO_Eqn_6.12b_nls09	3473.44	0.0	24.0	0.0	-9.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls09	3969.64	0.0	27.0	0.0	-9.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls09	3969.64	0.0	-17.0	0.0	-3.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls09	4460.55	0.0	-14.0	0.0	-3.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls09	4951.46	0.0	-11.0	0.0	-3.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls09	5442.37	0.0	-7.0	0.0	-3.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls09	5933.28	0.0	-4.0	0.0	-3.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls09	6424.19	0.0	-1.0	0.0	-3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls09	6915.1	0.0	2.0	0.0	-3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls09	7406.01	0.0	5.0	0.0	-3.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls09	7896.91	0.0	8.0	0.0	-3.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	8387.82	0.0	11.0	0.0	-3.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls09	8878.73	0.0	14.0	0.0	-3.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls09	9369.64	0.0	17.0	0.0	-3.0	0.0	-17.0
B208	3	GEO_Eqn_6.12b_nls09	9369.64	0.0	-17.0	0.0	7.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls09	9860.55	0.0	-14.0	0.0	7.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls09	10351.46	0.0	-11.0	0.0	7.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	10842.37	0.0	-8.0	0.0	7.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls09	11333.28	0.0	-5.0	0.0	7.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls09	11824.19	0.0	-2.0	0.0	7.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls09	12315.1	0.0	1.0	0.0	7.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls09	12806.01	0.0	4.0	0.0	7.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls09	13296.91	0.0	8.0	0.0	7.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls09	13787.82	0.0	11.0	0.0	7.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	14278.73	0.0	14.0	0.0	7.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls09	14769.64	0.0	17.0	0.0	7.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls09	14769.64	0.0	-11.0	0.0	1.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls09	15260.55	0.0	-8.0	0.0	1.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls09	15751.46	0.0	-5.0	0.0	1.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls09	16242.37	0.0	-2.0	0.0	1.0	0.0	0.1
B208	3	GEO_Eqn_6.12b_nls09	16733.28	0.0	1.0	0.0	1.0	0.0	0.2
B208	3	GEO_Eqn_6.12b_nls09	17224.19	0.0	4.0	0.0	1.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls09	17715.1	0.0	7.0	0.0	1.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls09	18206.01	0.0	11.0	0.0	1.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls09	18696.91	0.0	14.0	0.0	1.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls09	19187.82	0.0	17.0	0.0	1.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls09	19678.73	0.0	20.0	0.0	1.0	0.0	-31.0
B208	3	GEO_Eqn_6.12b_nls09	20169.64	0.0	23.0	0.0	1.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls09	20169.64	0.0	-33.0	0.0	-1.0	0.0	-51.0
B208	3	GEO_Eqn_6.12b_nls09	20660.55	0.0	-30.0	0.0	-1.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls09	21151.46	0.0	-27.0	0.0	-1.0	0.0	-22.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls09	21642.37	0.0	-24.0	0.0	-1.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls09	22133.28	0.0	-21.0	0.0	-1.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls09	22624.19	0.0	-18.0	0.0	-1.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls09	23115.1	0.0	-15.0	0.0	-1.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls09	23606.01	0.0	-12.0	0.0	-1.0	0.0	26.0
B208	3	GEO_Eqn_6.12b_nls09	24096.91	0.0	-9.0	0.0	-1.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls09	24587.82	0.0	-6.0	0.0	-1.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls09	25078.73	0.0	-3.0	0.0	-1.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls09	25569.64	0.0	0.4	0.0	-1.0	0.0	38.0
B208	3	GEO_Eqn_6.12b_nls09	26060.55	0.0	3.0	0.0	-1.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls09	26551.46	0.0	7.0	0.0	-1.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls09	27042.37	0.0	10.0	0.0	-1.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls09	27533.28	0.0	13.0	0.0	-1.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls09	28024.19	0.0	16.0	0.0	-1.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls09	28515.1	0.0	19.0	0.0	-1.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls09	29006.01	0.0	22.0	0.0	-1.0	0.0	-0.5
B208	3	GEO_Eqn_6.12b_nls09	29496.91	0.0	25.0	0.0	-1.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls09	29987.82	0.0	28.0	0.0	-1.0	0.0	-25.0
B208	3	GEO_Eqn_6.12b_nls09	30478.73	0.0	31.0	0.0	-1.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls09	30969.64	0.0	34.0	0.0	-1.0	0.0	-55.0
B208	3	GEO_Eqn_6.12b_nls09	30969.64	0.0	-22.0	0.0	-4.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls09	31460.55	0.0	-19.0	0.0	-4.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls09	31951.46	0.0	-16.0	0.0	-4.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls09	32442.37	0.0	-12.0	0.0	-4.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls09	32933.28	0.0	-9.0	0.0	-4.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls09	33424.19	0.0	-6.0	0.0	-4.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls09	33915.1	0.0	-3.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	34406.01	0.0	-0.2	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	34896.91	0.0	3.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	35387.82	0.0	6.0	0.0	-4.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls09	35878.73	0.0	9.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls09	36369.64	0.0	12.0	0.0	-4.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls09	36369.64	0.0	-15.0	0.0	-3.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls09	36860.55	0.0	-12.0	0.0	-3.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls09	37351.46	0.0	-9.0	0.0	-3.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls09	37842.37	0.0	-6.0	0.0	-3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls09	38333.28	0.0	-3.0	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls09	38824.19	0.0	0.2	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls09	39315.1	0.0	3.0	0.0	-3.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls09	39806.01	0.0	6.0	0.0	-3.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls09	40296.91	0.0	9.0	0.0	-3.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	40787.82	0.0	12.0	0.0	-3.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls09	41278.73	0.0	16.0	0.0	-3.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls09	41769.64	0.0	19.0	0.0	-3.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls09	41769.64	0.0	-11.0	0.0	11.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls09	42266.62	0.0	-8.0	0.0	11.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls09	42763.59	0.0	-5.0	0.0	11.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	43260.57	0.0	-2.0	0.0	11.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls09	43757.54	0.0	1.0	0.0	11.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls09	44254.52	0.0	4.0	0.0	11.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls09	44751.49	0.0	8.0	0.0	11.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls10	0	0.0	-3.0	0.0	-7.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls10	496.21	0.0	-0.4	0.0	-7.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls10	992.41	0.0	3.0	0.0	-7.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls10	1488.62	0.0	6.0	0.0	-7.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls10	1984.82	0.0	9.0	0.0	-7.0	0.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls10	2481.03	0.0	12.0	0.0	-7.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls10	2977.23	0.0	15.0	0.0	-7.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls10	3473.44	0.0	18.0	0.0	-7.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls10	3969.64	0.0	21.0	0.0	-7.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls10	3969.64	0.0	-18.0	0.0	2.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls10	4460.55	0.0	-15.0	0.0	2.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls10	4951.46	0.0	-12.0	0.0	2.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls10	5442.37	0.0	-9.0	0.0	2.0	0.0	-0.1
B208	3	GEO_Eqn_6.12b_nls10	5933.28	0.0	-6.0	0.0	2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls10	6424.19	0.0	-3.0	0.0	2.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls10	6915.1	0.0	0.4	0.0	2.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls10	7406.01	0.0	3.0	0.0	2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls10	7896.91	0.0	7.0	0.0	2.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls10	8387.82	0.0	10.0	0.0	2.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls10	8878.73	0.0	13.0	0.0	2.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls10	9369.64	0.0	16.0	0.0	2.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls10	9369.64	0.0	-19.0	0.0	6.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls10	9860.55	0.0	-16.0	0.0	6.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls10	10351.46	0.0	-13.0	0.0	6.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls10	10842.37	0.0	-10.0	0.0	6.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls10	11333.28	0.0	-7.0	0.0	6.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls10	11824.19	0.0	-4.0	0.0	6.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls10	12315.1	0.0	-1.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls10	12806.01	0.0	3.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls10	13296.91	0.0	6.0	0.0	6.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls10	13787.82	0.0	9.0	0.0	6.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls10	14278.73	0.0	12.0	0.0	6.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls10	14769.64	0.0	15.0	0.0	6.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls10	14769.64	0.0	-12.0	0.0	5.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls10	15260.55	0.0	-9.0	0.0	5.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls10	15751.46	0.0	-6.0	0.0	5.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls10	16242.37	0.0	-3.0	0.0	5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls10	16733.28	0.0	0.2	0.0	5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls10	17224.19	0.0	3.0	0.0	5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls10	17715.1	0.0	6.0	0.0	5.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls10	18206.01	0.0	9.0	0.0	5.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls10	18696.91	0.0	12.0	0.0	5.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls10	19187.82	0.0	16.0	0.0	5.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls10	19678.73	0.0	19.0	0.0	5.0	0.0	-28.0
B208	3	GEO_Eqn_6.12b_nls10	20169.64	0.0	22.0	0.0	5.0	0.0	-38.0
B208	3	GEO_Eqn_6.12b_nls10	20169.64	0.0	-34.0	0.0	-6.0	0.0	-54.0
B208	3	GEO_Eqn_6.12b_nls10	20660.55	0.0	-31.0	0.0	-6.0	0.0	-38.0
B208	3	GEO_Eqn_6.12b_nls10	21151.46	0.0	-28.0	0.0	-6.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls10	21642.37	0.0	-25.0	0.0	-6.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls10	22133.28	0.0	-22.0	0.0	-6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls10	22624.19	0.0	-18.0	0.0	-6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls10	23115.1	0.0	-15.0	0.0	-6.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls10	23606.01	0.0	-12.0	0.0	-6.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls10	24096.91	0.0	-9.0	0.0	-6.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls10	24587.82	0.0	-6.0	0.0	-6.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls10	25078.73	0.0	-3.0	0.0	-6.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls10	25569.64	0.0	-0.1	0.0	-6.0	0.0	38.0
B208	3	GEO_Eqn_6.12b_nls10	26060.55	0.0	3.0	0.0	-6.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls10	26551.46	0.0	6.0	0.0	-6.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls10	27042.37	0.0	9.0	0.0	-6.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls10	27533.28	0.0	12.0	0.0	-6.0	0.0	26.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls10	28024.19	0.0	15.0	0.0	-6.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls10	28515.1	0.0	18.0	0.0	-6.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls10	29006.01	0.0	21.0	0.0	-6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls10	29496.91	0.0	24.0	0.0	-6.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls10	29987.82	0.0	28.0	0.0	-6.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls10	30478.73	0.0	31.0	0.0	-6.0	0.0	-37.0
B208	3	GEO_Eqn_6.12b_nls10	30969.64	0.0	34.0	0.0	-6.0	0.0	-53.0
B208	3	GEO_Eqn_6.12b_nls10	30969.64	0.0	-23.0	0.0	-1.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls10	31460.55	0.0	-20.0	0.0	-1.0	0.0	-28.0
B208	3	GEO_Eqn_6.12b_nls10	31951.46	0.0	-17.0	0.0	-1.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls10	32442.37	0.0	-14.0	0.0	-1.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls10	32933.28	0.0	-10.0	0.0	-1.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls10	33424.19	0.0	-7.0	0.0	-1.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls10	33915.1	0.0	-4.0	0.0	-1.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls10	34406.01	0.0	-1.0	0.0	-1.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls10	34896.91	0.0	2.0	0.0	-1.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls10	35387.82	0.0	5.0	0.0	-1.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls10	35878.73	0.0	8.0	0.0	-1.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls10	36369.64	0.0	11.0	0.0	-1.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls10	36369.64	0.0	-17.0	0.0	-0.3	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls10	36860.55	0.0	-14.0	0.0	-0.3	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls10	37351.46	0.0	-11.0	0.0	-0.3	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls10	37842.37	0.0	-8.0	0.0	-0.3	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls10	38333.28	0.0	-5.0	0.0	-0.3	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls10	38824.19	0.0	-2.0	0.0	-0.3	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls10	39315.1	0.0	1.0	0.0	-0.3	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls10	39806.01	0.0	4.0	0.0	-0.3	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls10	40296.91	0.0	7.0	0.0	-0.3	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls10	40787.82	0.0	10.0	0.0	-0.3	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls10	41278.73	0.0	13.0	0.0	-0.3	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls10	41769.64	0.0	16.0	0.0	-0.3	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls10	41769.64	0.0	-24.0	0.0	17.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls10	42266.62	0.0	-21.0	0.0	17.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls10	42763.59	0.0	-17.0	0.0	17.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls10	43260.57	0.0	-14.0	0.0	17.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls10	43757.54	0.0	-11.0	0.0	17.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls10	44254.52	0.0	-8.0	0.0	17.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls10	44751.49	0.0	-5.0	0.0	17.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls11	0	0.0	-4.0	0.0	-28.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls11	496.21	0.0	-1.0	0.0	-28.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls11	992.41	0.0	3.0	0.0	-28.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls11	1488.62	0.0	6.0	0.0	-28.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls11	1984.82	0.0	9.0	0.0	-28.0	0.0	14.0
B208	3	GEO_Eqn_6.12b_nls11	2481.03	0.0	12.0	0.0	-28.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls11	2977.23	0.0	15.0	0.0	-28.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls11	3473.44	0.0	18.0	0.0	-28.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls11	3969.64	0.0	21.0	0.0	-28.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls11	3969.64	0.0	-16.0	0.0	-9.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls11	4460.55	0.0	-13.0	0.0	-9.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls11	4951.46	0.0	-10.0	0.0	-9.0	0.0	0.4
B208	3	GEO_Eqn_6.12b_nls11	5442.37	0.0	-7.0	0.0	-9.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls11	5933.28	0.0	-4.0	0.0	-9.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls11	6424.19	0.0	-1.0	0.0	-9.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls11	6915.1	0.0	3.0	0.0	-9.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls11	7406.01	0.0	6.0	0.0	-9.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls11	7896.91	0.0	9.0	0.0	-9.0	0.0	2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls11	8387.82	0.0	12.0	0.0	-9.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls11	8878.73	0.0	15.0	0.0	-9.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls11	9369.64	0.0	18.0	0.0	-9.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls11	9369.64	0.0	-16.0	0.0	-6.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls11	9860.55	0.0	-13.0	0.0	-6.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls11	10351.46	0.0	-10.0	0.0	-6.0	0.0	-0.4
B208	3	GEO_Eqn_6.12b_nls11	10842.37	0.0	-7.0	0.0	-6.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls11	11333.28	0.0	-4.0	0.0	-6.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls11	11824.19	0.0	-1.0	0.0	-6.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls11	12315.1	0.0	2.0	0.0	-6.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls11	12806.01	0.0	6.0	0.0	-6.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls11	13296.91	0.0	9.0	0.0	-6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls11	13787.82	0.0	12.0	0.0	-6.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls11	14278.73	0.0	15.0	0.0	-6.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls11	14769.64	0.0	18.0	0.0	-6.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls11	14769.64	0.0	-12.0	0.0	-2.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls11	15260.55	0.0	-8.0	0.0	-2.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls11	15751.46	0.0	-5.0	0.0	-2.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls11	16242.37	0.0	-2.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls11	16733.28	0.0	1.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls11	17224.19	0.0	4.0	0.0	-2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls11	17715.1	0.0	7.0	0.0	-2.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls11	18206.01	0.0	10.0	0.0	-2.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls11	18696.91	0.0	13.0	0.0	-2.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls11	19187.82	0.0	16.0	0.0	-2.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls11	19678.73	0.0	19.0	0.0	-2.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls11	20169.64	0.0	22.0	0.0	-2.0	0.0	-34.0
B208	3	GEO_Eqn_6.12b_nls11	20169.64	0.0	-34.0	0.0	7.0	0.0	-54.0
B208	3	GEO_Eqn_6.12b_nls11	20660.55	0.0	-31.0	0.0	7.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls11	21151.46	0.0	-28.0	0.0	7.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls11	21642.37	0.0	-25.0	0.0	7.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls11	22133.28	0.0	-21.0	0.0	7.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls11	22624.19	0.0	-18.0	0.0	7.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls11	23115.1	0.0	-15.0	0.0	7.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls11	23606.01	0.0	-12.0	0.0	7.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls11	24096.91	0.0	-9.0	0.0	7.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls11	24587.82	0.0	-6.0	0.0	7.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls11	25078.73	0.0	-3.0	0.0	7.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls11	25569.64	0.0	0.0	0.0	7.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls11	26060.55	0.0	3.0	0.0	7.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls11	26551.46	0.0	6.0	0.0	7.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls11	27042.37	0.0	9.0	0.0	7.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls11	27533.28	0.0	12.0	0.0	7.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls11	28024.19	0.0	15.0	0.0	7.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls11	28515.1	0.0	18.0	0.0	7.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls11	29006.01	0.0	21.0	0.0	7.0	0.0	-0.2
B208	3	GEO_Eqn_6.12b_nls11	29496.91	0.0	25.0	0.0	7.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls11	29987.82	0.0	28.0	0.0	7.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls11	30478.73	0.0	31.0	0.0	7.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls11	30969.64	0.0	34.0	0.0	7.0	0.0	-54.0
B208	3	GEO_Eqn_6.12b_nls11	30969.64	0.0	-21.0	0.0	3.0	0.0	-34.0
B208	3	GEO_Eqn_6.12b_nls11	31460.55	0.0	-18.0	0.0	3.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls11	31951.46	0.0	-14.0	0.0	3.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls11	32442.37	0.0	-11.0	0.0	3.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls11	32933.28	0.0	-8.0	0.0	3.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls11	33424.19	0.0	-5.0	0.0	3.0	0.0	-2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls11	33915.1	0.0	-2.0	0.0	3.0	0.0	0.1
B208	3	GEO_Eqn_6.12b_nls11	34406.01	0.0	1.0	0.0	3.0	0.0	0.5
B208	3	GEO_Eqn_6.12b_nls11	34896.91	0.0	4.0	0.0	3.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls11	35387.82	0.0	7.0	0.0	3.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls11	35878.73	0.0	10.0	0.0	3.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls11	36369.64	0.0	13.0	0.0	3.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls11	36369.64	0.0	-16.0	0.0	10.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls11	36860.55	0.0	-13.0	0.0	10.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls11	37351.46	0.0	-10.0	0.0	10.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls11	37842.37	0.0	-7.0	0.0	10.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls11	38333.28	0.0	-4.0	0.0	10.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls11	38824.19	0.0	-1.0	0.0	10.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls11	39315.1	0.0	2.0	0.0	10.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls11	39806.01	0.0	5.0	0.0	10.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls11	40296.91	0.0	8.0	0.0	10.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls11	40787.82	0.0	11.0	0.0	10.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls11	41278.73	0.0	14.0	0.0	10.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls11	41769.64	0.0	17.0	0.0	10.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls11	41769.64	0.0	-1.0	0.0	-15.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls11	42266.62	0.0	2.0	0.0	-15.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls11	42763.59	0.0	5.0	0.0	-15.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls11	43260.57	0.0	8.0	0.0	-15.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls11	43757.54	0.0	11.0	0.0	-15.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls11	44254.52	0.0	14.0	0.0	-15.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls11	44751.49	0.0	17.0	0.0	-15.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls12	0	0.0	-10.0	0.0	-26.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls12	496.21	0.0	-6.0	0.0	-26.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls12	992.41	0.0	-3.0	0.0	-26.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls12	1488.62	0.0	-0.3	0.0	-26.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls12	1984.82	0.0	3.0	0.0	-26.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls12	2481.03	0.0	6.0	0.0	-26.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls12	2977.23	0.0	9.0	0.0	-26.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls12	3473.44	0.0	12.0	0.0	-26.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls12	3969.64	0.0	15.0	0.0	-26.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls12	3969.64	0.0	-17.0	0.0	-5.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls12	4460.55	0.0	-14.0	0.0	-5.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls12	4951.46	0.0	-11.0	0.0	-5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls12	5442.37	0.0	-8.0	0.0	-5.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls12	5933.28	0.0	-5.0	0.0	-5.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls12	6424.19	0.0	-2.0	0.0	-5.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls12	6915.1	0.0	1.0	0.0	-5.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls12	7406.01	0.0	4.0	0.0	-5.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls12	7896.91	0.0	7.0	0.0	-5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls12	8387.82	0.0	10.0	0.0	-5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls12	8878.73	0.0	14.0	0.0	-5.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls12	9369.64	0.0	17.0	0.0	-5.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls12	9369.64	0.0	-18.0	0.0	-8.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls12	9860.55	0.0	-15.0	0.0	-8.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls12	10351.46	0.0	-12.0	0.0	-8.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls12	10842.37	0.0	-9.0	0.0	-8.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls12	11333.28	0.0	-6.0	0.0	-8.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls12	11824.19	0.0	-2.0	0.0	-8.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls12	12315.1	0.0	1.0	0.0	-8.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls12	12806.01	0.0	4.0	0.0	-8.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls12	13296.91	0.0	7.0	0.0	-8.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls12	13787.82	0.0	10.0	0.0	-8.0	0.0	-1.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls12	14278.73	0.0	13.0	0.0	-8.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls12	14769.64	0.0	16.0	0.0	-8.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls12	14769.64	0.0	-12.0	0.0	2.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls12	15260.55	0.0	-9.0	0.0	2.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls12	15751.46	0.0	-6.0	0.0	2.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls12	16242.37	0.0	-3.0	0.0	2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls12	16733.28	0.0	-0.2	0.0	2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls12	17224.19	0.0	3.0	0.0	2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls12	17715.1	0.0	6.0	0.0	2.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls12	18206.01	0.0	9.0	0.0	2.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls12	18696.91	0.0	12.0	0.0	2.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls12	19187.82	0.0	15.0	0.0	2.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls12	19678.73	0.0	18.0	0.0	2.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls12	20169.64	0.0	21.0	0.0	2.0	0.0	-32.0
B208	3	GEO_Eqn_6.12b_nls12	20169.64	0.0	-34.0	0.0	4.0	0.0	-57.0
B208	3	GEO_Eqn_6.12b_nls12	20660.55	0.0	-31.0	0.0	4.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls12	21151.46	0.0	-28.0	0.0	4.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls12	21642.37	0.0	-25.0	0.0	4.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls12	22133.28	0.0	-22.0	0.0	4.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls12	22624.19	0.0	-19.0	0.0	4.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls12	23115.1	0.0	-16.0	0.0	4.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls12	23606.01	0.0	-13.0	0.0	4.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls12	24096.91	0.0	-10.0	0.0	4.0	0.0	29.0
B208	3	GEO_Eqn_6.12b_nls12	24587.82	0.0	-7.0	0.0	4.0	0.0	33.0
B208	3	GEO_Eqn_6.12b_nls12	25078.73	0.0	-3.0	0.0	4.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls12	25569.64	0.0	-0.4	0.0	4.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls12	26060.55	0.0	3.0	0.0	4.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls12	26551.46	0.0	6.0	0.0	4.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls12	27042.37	0.0	9.0	0.0	4.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls12	27533.28	0.0	12.0	0.0	4.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls12	28024.19	0.0	15.0	0.0	4.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls12	28515.1	0.0	18.0	0.0	4.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls12	29006.01	0.0	21.0	0.0	4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls12	29496.91	0.0	24.0	0.0	4.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls12	29987.82	0.0	27.0	0.0	4.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls12	30478.73	0.0	30.0	0.0	4.0	0.0	-37.0
B208	3	GEO_Eqn_6.12b_nls12	30969.64	0.0	33.0	0.0	4.0	0.0	-52.0
B208	3	GEO_Eqn_6.12b_nls12	30969.64	0.0	-22.0	0.0	6.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls12	31460.55	0.0	-19.0	0.0	6.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls12	31951.46	0.0	-16.0	0.0	6.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls12	32442.37	0.0	-12.0	0.0	6.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls12	32933.28	0.0	-9.0	0.0	6.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls12	33424.19	0.0	-6.0	0.0	6.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls12	33915.1	0.0	-3.0	0.0	6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls12	34406.01	0.0	-0.2	0.0	6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls12	34896.91	0.0	3.0	0.0	6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls12	35387.82	0.0	6.0	0.0	6.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls12	35878.73	0.0	9.0	0.0	6.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls12	36369.64	0.0	12.0	0.0	6.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls12	36369.64	0.0	-19.0	0.0	14.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls12	36860.55	0.0	-16.0	0.0	14.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls12	37351.46	0.0	-13.0	0.0	14.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls12	37842.37	0.0	-10.0	0.0	14.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls12	38333.28	0.0	-7.0	0.0	14.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls12	38824.19	0.0	-3.0	0.0	14.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls12	39315.1	0.0	-0.4	0.0	14.0	0.0	10.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls12	39806.01	0.0	3.0	0.0	14.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls12	40296.91	0.0	6.0	0.0	14.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls12	40787.82	0.0	9.0	0.0	14.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls12	41278.73	0.0	12.0	0.0	14.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls12	41769.64	0.0	15.0	0.0	14.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls12	41769.64	0.0	-14.0	0.0	-10.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls12	42266.62	0.0	-11.0	0.0	-10.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls12	42763.59	0.0	-8.0	0.0	-10.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls12	43260.57	0.0	-5.0	0.0	-10.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls12	43757.54	0.0	-2.0	0.0	-10.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls12	44254.52	0.0	2.0	0.0	-10.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls12	44751.49	0.0	5.0	0.0	-10.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls13	0	0.0	2.0	0.0	-5.0	0.0	33.0
B208	3	GEO_Eqn_6.12b_nls13	496.21	0.0	5.0	0.0	-5.0	0.0	32.0
B208	3	GEO_Eqn_6.12b_nls13	992.41	0.0	8.0	0.0	-5.0	0.0	29.0
B208	3	GEO_Eqn_6.12b_nls13	1488.62	0.0	11.0	0.0	-5.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls13	1984.82	0.0	14.0	0.0	-5.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls13	2481.03	0.0	17.0	0.0	-5.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls13	2977.23	0.0	20.0	0.0	-5.0	0.0	0.5
B208	3	GEO_Eqn_6.12b_nls13	3473.44	0.0	23.0	0.0	-5.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls13	3969.64	0.0	27.0	0.0	-5.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls13	3969.64	0.0	-17.0	0.0	-2.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls13	4460.55	0.0	-14.0	0.0	-2.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls13	4951.46	0.0	-11.0	0.0	-2.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls13	5442.37	0.0	-8.0	0.0	-2.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls13	5933.28	0.0	-5.0	0.0	-2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls13	6424.19	0.0	-2.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls13	6915.1	0.0	1.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls13	7406.01	0.0	4.0	0.0	-2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls13	7896.91	0.0	7.0	0.0	-2.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls13	8387.82	0.0	11.0	0.0	-2.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls13	8878.73	0.0	14.0	0.0	-2.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls13	9369.64	0.0	17.0	0.0	-2.0	0.0	-17.0
B208	3	GEO_Eqn_6.12b_nls13	9369.64	0.0	-17.0	0.0	5.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls13	9860.55	0.0	-14.0	0.0	5.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls13	10351.46	0.0	-11.0	0.0	5.0	0.0	0.1
B208	3	GEO_Eqn_6.12b_nls13	10842.37	0.0	-8.0	0.0	5.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls13	11333.28	0.0	-5.0	0.0	5.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls13	11824.19	0.0	-2.0	0.0	5.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls13	12315.1	0.0	1.0	0.0	5.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls13	12806.01	0.0	4.0	0.0	5.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls13	13296.91	0.0	7.0	0.0	5.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls13	13787.82	0.0	10.0	0.0	5.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls13	14278.73	0.0	13.0	0.0	5.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls13	14769.64	0.0	16.0	0.0	5.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls13	14769.64	0.0	-11.0	0.0	1.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls13	15260.55	0.0	-8.0	0.0	1.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls13	15751.46	0.0	-5.0	0.0	1.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls13	16242.37	0.0	-2.0	0.0	1.0	0.0	-0.1
B208	3	GEO_Eqn_6.12b_nls13	16733.28	0.0	1.0	0.0	1.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls13	17224.19	0.0	4.0	0.0	1.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls13	17715.1	0.0	7.0	0.0	1.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls13	18206.01	0.0	10.0	0.0	1.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls13	18696.91	0.0	13.0	0.0	1.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls13	19187.82	0.0	17.0	0.0	1.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls13	19678.73	0.0	20.0	0.0	1.0	0.0	-31.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls13	20169.64	0.0	23.0	0.0	1.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls13	20169.64	0.0	-33.0	0.0	-4.0	0.0	-52.0
B208	3	GEO_Eqn_6.12b_nls13	20660.55	0.0	-30.0	0.0	-4.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls13	21151.46	0.0	-27.0	0.0	-4.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls13	21642.37	0.0	-24.0	0.0	-4.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls13	22133.28	0.0	-21.0	0.0	-4.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls13	22624.19	0.0	-18.0	0.0	-4.0	0.0	12.0
B208	3	GEO_Eqn_6.12b_nls13	23115.1	0.0	-15.0	0.0	-4.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls13	23606.01	0.0	-12.0	0.0	-4.0	0.0	26.0
B208	3	GEO_Eqn_6.12b_nls13	24096.91	0.0	-9.0	0.0	-4.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls13	24587.82	0.0	-6.0	0.0	-4.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls13	25078.73	0.0	-3.0	0.0	-4.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls13	25569.64	0.0	0.3	0.0	-4.0	0.0	38.0
B208	3	GEO_Eqn_6.12b_nls13	26060.55	0.0	3.0	0.0	-4.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls13	26551.46	0.0	6.0	0.0	-4.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls13	27042.37	0.0	10.0	0.0	-4.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls13	27533.28	0.0	13.0	0.0	-4.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls13	28024.19	0.0	16.0	0.0	-4.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls13	28515.1	0.0	19.0	0.0	-4.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls13	29006.01	0.0	22.0	0.0	-4.0	0.0	-0.4
B208	3	GEO_Eqn_6.12b_nls13	29496.91	0.0	25.0	0.0	-4.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls13	29987.82	0.0	28.0	0.0	-4.0	0.0	-25.0
B208	3	GEO_Eqn_6.12b_nls13	30478.73	0.0	31.0	0.0	-4.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls13	30969.64	0.0	34.0	0.0	-4.0	0.0	-55.0
B208	3	GEO_Eqn_6.12b_nls13	30969.64	0.0	-22.0	0.0	-4.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls13	31460.55	0.0	-19.0	0.0	-4.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls13	31951.46	0.0	-16.0	0.0	-4.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls13	32442.37	0.0	-13.0	0.0	-4.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls13	32933.28	0.0	-9.0	0.0	-4.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls13	33424.19	0.0	-6.0	0.0	-4.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls13	33915.1	0.0	-3.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls13	34406.01	0.0	-0.3	0.0	-4.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls13	34896.91	0.0	3.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls13	35387.82	0.0	6.0	0.0	-4.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls13	35878.73	0.0	9.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls13	36369.64	0.0	12.0	0.0	-4.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls13	36369.64	0.0	-16.0	0.0	-1.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls13	36860.55	0.0	-13.0	0.0	-1.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls13	37351.46	0.0	-10.0	0.0	-1.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls13	37842.37	0.0	-6.0	0.0	-1.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls13	38333.28	0.0	-3.0	0.0	-1.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls13	38824.19	0.0	-0.3	0.0	-1.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls13	39315.1	0.0	3.0	0.0	-1.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls13	39806.01	0.0	6.0	0.0	-1.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls13	40296.91	0.0	9.0	0.0	-1.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls13	40787.82	0.0	12.0	0.0	-1.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls13	41278.73	0.0	15.0	0.0	-1.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls13	41769.64	0.0	18.0	0.0	-1.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls13	41769.64	0.0	-13.0	0.0	9.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls13	42266.62	0.0	-10.0	0.0	9.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls13	42763.59	0.0	-7.0	0.0	9.0	0.0	0.4
B208	3	GEO_Eqn_6.12b_nls13	43260.57	0.0	-3.0	0.0	9.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls13	43757.54	0.0	-0.4	0.0	9.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls13	44254.52	0.0	3.0	0.0	9.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls13	44751.49	0.0	6.0	0.0	9.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls14	0	0.0	-4.0	0.0	-3.0	0.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls14	496.21	0.0	-1.0	0.0	-3.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls14	992.41	0.0	3.0	0.0	-3.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls14	1488.62	0.0	6.0	0.0	-3.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls14	1984.82	0.0	9.0	0.0	-3.0	0.0	14.0
B208	3	GEO_Eqn_6.12b_nls14	2481.03	0.0	12.0	0.0	-3.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls14	2977.23	0.0	15.0	0.0	-3.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls14	3473.44	0.0	18.0	0.0	-3.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls14	3969.64	0.0	21.0	0.0	-3.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls14	3969.64	0.0	-18.0	0.0	3.0	0.0	-21.0
B208	3	GEO_Eqn_6.12b_nls14	4460.55	0.0	-15.0	0.0	3.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls14	4951.46	0.0	-12.0	0.0	3.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls14	5442.37	0.0	-9.0	0.0	3.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls14	5933.28	0.0	-6.0	0.0	3.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls14	6424.19	0.0	-3.0	0.0	3.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls14	6915.1	0.0	0.0	0.0	3.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls14	7406.01	0.0	3.0	0.0	3.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls14	7896.91	0.0	6.0	0.0	3.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls14	8387.82	0.0	9.0	0.0	3.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls14	8878.73	0.0	12.0	0.0	3.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls14	9369.64	0.0	15.0	0.0	3.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls14	9369.64	0.0	-19.0	0.0	6.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls14	9860.55	0.0	-16.0	0.0	6.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls14	10351.46	0.0	-13.0	0.0	6.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls14	10842.37	0.0	-10.0	0.0	6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls14	11333.28	0.0	-7.0	0.0	6.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls14	11824.19	0.0	-4.0	0.0	6.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls14	12315.1	0.0	-1.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls14	12806.01	0.0	2.0	0.0	6.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls14	13296.91	0.0	5.0	0.0	6.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls14	13787.82	0.0	8.0	0.0	6.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls14	14278.73	0.0	11.0	0.0	6.0	0.0	-0.1
B208	3	GEO_Eqn_6.12b_nls14	14769.64	0.0	14.0	0.0	6.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls14	14769.64	0.0	-12.0	0.0	5.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls14	15260.55	0.0	-9.0	0.0	5.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls14	15751.46	0.0	-6.0	0.0	5.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls14	16242.37	0.0	-3.0	0.0	5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls14	16733.28	0.0	0.1	0.0	5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls14	17224.19	0.0	3.0	0.0	5.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls14	17715.1	0.0	6.0	0.0	5.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls14	18206.01	0.0	9.0	0.0	5.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls14	18696.91	0.0	12.0	0.0	5.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls14	19187.82	0.0	15.0	0.0	5.0	0.0	-20.0
B208	3	GEO_Eqn_6.12b_nls14	19678.73	0.0	19.0	0.0	5.0	0.0	-29.0
B208	3	GEO_Eqn_6.12b_nls14	20169.64	0.0	22.0	0.0	5.0	0.0	-38.0
B208	3	GEO_Eqn_6.12b_nls14	20169.64	0.0	-34.0	0.0	-9.0	0.0	-54.0
B208	3	GEO_Eqn_6.12b_nls14	20660.55	0.0	-31.0	0.0	-9.0	0.0	-38.0
B208	3	GEO_Eqn_6.12b_nls14	21151.46	0.0	-28.0	0.0	-9.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls14	21642.37	0.0	-25.0	0.0	-9.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls14	22133.28	0.0	-22.0	0.0	-9.0	0.0	0.4
B208	3	GEO_Eqn_6.12b_nls14	22624.19	0.0	-18.0	0.0	-9.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls14	23115.1	0.0	-15.0	0.0	-9.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls14	23606.01	0.0	-12.0	0.0	-9.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls14	24096.91	0.0	-9.0	0.0	-9.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls14	24587.82	0.0	-6.0	0.0	-9.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls14	25078.73	0.0	-3.0	0.0	-9.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls14	25569.64	0.0	-0.1	0.0	-9.0	0.0	38.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls14	26060.55	0.0	3.0	0.0	-9.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls14	26551.46	0.0	6.0	0.0	-9.0	0.0	35.0
B208	3	GEO_Eqn_6.12b_nls14	27042.37	0.0	9.0	0.0	-9.0	0.0	31.0
B208	3	GEO_Eqn_6.12b_nls14	27533.28	0.0	12.0	0.0	-9.0	0.0	26.0
B208	3	GEO_Eqn_6.12b_nls14	28024.19	0.0	15.0	0.0	-9.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls14	28515.1	0.0	18.0	0.0	-9.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls14	29006.01	0.0	21.0	0.0	-9.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls14	29496.91	0.0	24.0	0.0	-9.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls14	29987.82	0.0	28.0	0.0	-9.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls14	30478.73	0.0	31.0	0.0	-9.0	0.0	-37.0
B208	3	GEO_Eqn_6.12b_nls14	30969.64	0.0	34.0	0.0	-9.0	0.0	-53.0
B208	3	GEO_Eqn_6.12b_nls14	30969.64	0.0	-23.0	0.0	-1.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls14	31460.55	0.0	-20.0	0.0	-1.0	0.0	-28.0
B208	3	GEO_Eqn_6.12b_nls14	31951.46	0.0	-17.0	0.0	-1.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls14	32442.37	0.0	-14.0	0.0	-1.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls14	32933.28	0.0	-11.0	0.0	-1.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls14	33424.19	0.0	-7.0	0.0	-1.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls14	33915.1	0.0	-4.0	0.0	-1.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls14	34406.01	0.0	-1.0	0.0	-1.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls14	34896.91	0.0	2.0	0.0	-1.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls14	35387.82	0.0	5.0	0.0	-1.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls14	35878.73	0.0	8.0	0.0	-1.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls14	36369.64	0.0	11.0	0.0	-1.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls14	36369.64	0.0	-18.0	0.0	1.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls14	36860.55	0.0	-15.0	0.0	1.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls14	37351.46	0.0	-12.0	0.0	1.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls14	37842.37	0.0	-9.0	0.0	1.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls14	38333.28	0.0	-6.0	0.0	1.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls14	38824.19	0.0	-3.0	0.0	1.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls14	39315.1	0.0	1.0	0.0	1.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls14	39806.01	0.0	4.0	0.0	1.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls14	40296.91	0.0	7.0	0.0	1.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls14	40787.82	0.0	10.0	0.0	1.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls14	41278.73	0.0	13.0	0.0	1.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls14	41769.64	0.0	16.0	0.0	1.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls14	41769.64	0.0	-25.0	0.0	14.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls14	42266.62	0.0	-22.0	0.0	14.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls14	42763.59	0.0	-19.0	0.0	14.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls14	43260.57	0.0	-16.0	0.0	14.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls14	43757.54	0.0	-12.0	0.0	14.0	0.0	13.0
B208	3	GEO_Eqn_6.12b_nls14	44254.52	0.0	-9.0	0.0	14.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls14	44751.49	0.0	-6.0	0.0	14.0	0.0	22.0
B208	3	GEO_Eqn_6.12b_nls15	0	0.0	-3.0	0.0	-32.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls15	496.21	0.0	-0.1	0.0	-32.0	0.0	21.0
B208	3	GEO_Eqn_6.12b_nls15	992.41	0.0	3.0	0.0	-32.0	0.0	20.0
B208	3	GEO_Eqn_6.12b_nls15	1488.62	0.0	6.0	0.0	-32.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls15	1984.82	0.0	9.0	0.0	-32.0	0.0	14.0
B208	3	GEO_Eqn_6.12b_nls15	2481.03	0.0	12.0	0.0	-32.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls15	2977.23	0.0	15.0	0.0	-32.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls15	3473.44	0.0	18.0	0.0	-32.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls15	3969.64	0.0	22.0	0.0	-32.0	0.0	-17.0
B208	3	GEO_Eqn_6.12b_nls15	3969.64	0.0	-15.0	0.0	-10.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls15	4460.55	0.0	-12.0	0.0	-10.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls15	4951.46	0.0	-9.0	0.0	-10.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls15	5442.37	0.0	-6.0	0.0	-10.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls15	5933.28	0.0	-3.0	0.0	-10.0	0.0	8.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls15	6424.19	0.0	-0.1	0.0	-10.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls15	6915.1	0.0	3.0	0.0	-10.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls15	7406.01	0.0	6.0	0.0	-10.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls15	7896.91	0.0	9.0	0.0	-10.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls15	8387.82	0.0	12.0	0.0	-10.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls15	8878.73	0.0	15.0	0.0	-10.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls15	9369.64	0.0	18.0	0.0	-10.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls15	9369.64	0.0	-16.0	0.0	-4.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls15	9860.55	0.0	-12.0	0.0	-4.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls15	10351.46	0.0	-9.0	0.0	-4.0	0.0	0.2
B208	3	GEO_Eqn_6.12b_nls15	10842.37	0.0	-6.0	0.0	-4.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls15	11333.28	0.0	-3.0	0.0	-4.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls15	11824.19	0.0	-0.2	0.0	-4.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls15	12315.1	0.0	3.0	0.0	-4.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls15	12806.01	0.0	6.0	0.0	-4.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls15	13296.91	0.0	9.0	0.0	-4.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls15	13787.82	0.0	12.0	0.0	-4.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls15	14278.73	0.0	15.0	0.0	-4.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls15	14769.64	0.0	18.0	0.0	-4.0	0.0	-19.0
B208	3	GEO_Eqn_6.12b_nls15	14769.64	0.0	-11.0	0.0	-2.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls15	15260.55	0.0	-8.0	0.0	-2.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls15	15751.46	0.0	-5.0	0.0	-2.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls15	16242.37	0.0	-2.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls15	16733.28	0.0	1.0	0.0	-2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls15	17224.19	0.0	4.0	0.0	-2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls15	17715.1	0.0	7.0	0.0	-2.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls15	18206.01	0.0	10.0	0.0	-2.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls15	18696.91	0.0	13.0	0.0	-2.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls15	19187.82	0.0	16.0	0.0	-2.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls15	19678.73	0.0	19.0	0.0	-2.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls15	20169.64	0.0	22.0	0.0	-2.0	0.0	-35.0
B208	3	GEO_Eqn_6.12b_nls15	20169.64	0.0	-34.0	0.0	9.0	0.0	-54.0
B208	3	GEO_Eqn_6.12b_nls15	20660.55	0.0	-31.0	0.0	9.0	0.0	-38.0
B208	3	GEO_Eqn_6.12b_nls15	21151.46	0.0	-28.0	0.0	9.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls15	21642.37	0.0	-24.0	0.0	9.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls15	22133.28	0.0	-21.0	0.0	9.0	0.0	0.0
B208	3	GEO_Eqn_6.12b_nls15	22624.19	0.0	-18.0	0.0	9.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls15	23115.1	0.0	-15.0	0.0	9.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls15	23606.01	0.0	-12.0	0.0	9.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls15	24096.91	0.0	-9.0	0.0	9.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls15	24587.82	0.0	-6.0	0.0	9.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls15	25078.73	0.0	-3.0	0.0	9.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls15	25569.64	0.0	0.0	0.0	9.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls15	26060.55	0.0	3.0	0.0	9.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls15	26551.46	0.0	6.0	0.0	9.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls15	27042.37	0.0	9.0	0.0	9.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls15	27533.28	0.0	12.0	0.0	9.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls15	28024.19	0.0	15.0	0.0	9.0	0.0	18.0
B208	3	GEO_Eqn_6.12b_nls15	28515.1	0.0	18.0	0.0	9.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls15	29006.01	0.0	22.0	0.0	9.0	0.0	-0.3
B208	3	GEO_Eqn_6.12b_nls15	29496.91	0.0	25.0	0.0	9.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls15	29987.82	0.0	28.0	0.0	9.0	0.0	-24.0
B208	3	GEO_Eqn_6.12b_nls15	30478.73	0.0	31.0	0.0	9.0	0.0	-39.0
B208	3	GEO_Eqn_6.12b_nls15	30969.64	0.0	34.0	0.0	9.0	0.0	-55.0
B208	3	GEO_Eqn_6.12b_nls15	30969.64	0.0	-21.0	0.0	3.0	0.0	-34.0
B208	3	GEO_Eqn_6.12b_nls15	31460.55	0.0	-18.0	0.0	3.0	0.0	-24.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls15	31951.46	0.0	-14.0	0.0	3.0	0.0	-16.0
B208	3	GEO_Eqn_6.12b_nls15	32442.37	0.0	-11.0	0.0	3.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls15	32933.28	0.0	-8.0	0.0	3.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls15	33424.19	0.0	-5.0	0.0	3.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls15	33915.1	0.0	-2.0	0.0	3.0	0.0	-0.1
B208	3	GEO_Eqn_6.12b_nls15	34406.01	0.0	1.0	0.0	3.0	0.0	0.2
B208	3	GEO_Eqn_6.12b_nls15	34896.91	0.0	4.0	0.0	3.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls15	35387.82	0.0	7.0	0.0	3.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls15	35878.73	0.0	10.0	0.0	3.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls15	36369.64	0.0	13.0	0.0	3.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls15	36369.64	0.0	-16.0	0.0	9.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls15	36860.55	0.0	-13.0	0.0	9.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls15	37351.46	0.0	-10.0	0.0	9.0	0.0	0.3
B208	3	GEO_Eqn_6.12b_nls15	37842.37	0.0	-7.0	0.0	9.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls15	38333.28	0.0	-4.0	0.0	9.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls15	38824.19	0.0	-1.0	0.0	9.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls15	39315.1	0.0	3.0	0.0	9.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls15	39806.01	0.0	6.0	0.0	9.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls15	40296.91	0.0	9.0	0.0	9.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls15	40787.82	0.0	12.0	0.0	9.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls15	41278.73	0.0	15.0	0.0	9.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls15	41769.64	0.0	18.0	0.0	9.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls15	41769.64	0.0	-0.2	0.0	-13.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls15	42266.62	0.0	3.0	0.0	-13.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls15	42763.59	0.0	6.0	0.0	-13.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls15	43260.57	0.0	9.0	0.0	-13.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls15	43757.54	0.0	12.0	0.0	-13.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls15	44254.52	0.0	15.0	0.0	-13.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls15	44751.49	0.0	18.0	0.0	-13.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls16	0	0.0	-10.0	0.0	-30.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls16	496.21	0.0	-7.0	0.0	-30.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls16	992.41	0.0	-3.0	0.0	-30.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls16	1488.62	0.0	-0.3	0.0	-30.0	0.0	10.0
B208	3	GEO_Eqn_6.12b_nls16	1984.82	0.0	3.0	0.0	-30.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls16	2481.03	0.0	6.0	0.0	-30.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls16	2977.23	0.0	9.0	0.0	-30.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls16	3473.44	0.0	12.0	0.0	-30.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls16	3969.64	0.0	15.0	0.0	-30.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls16	3969.64	0.0	-17.0	0.0	-5.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls16	4460.55	0.0	-14.0	0.0	-5.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls16	4951.46	0.0	-11.0	0.0	-5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls16	5442.37	0.0	-8.0	0.0	-5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls16	5933.28	0.0	-4.0	0.0	-5.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls16	6424.19	0.0	-1.0	0.0	-5.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls16	6915.1	0.0	2.0	0.0	-5.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls16	7406.01	0.0	5.0	0.0	-5.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls16	7896.91	0.0	8.0	0.0	-5.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls16	8387.82	0.0	11.0	0.0	-5.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls16	8878.73	0.0	14.0	0.0	-5.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls16	9369.64	0.0	17.0	0.0	-5.0	0.0	-15.0
B208	3	GEO_Eqn_6.12b_nls16	9369.64	0.0	-18.0	0.0	-7.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls16	9860.55	0.0	-14.0	0.0	-7.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls16	10351.46	0.0	-11.0	0.0	-7.0	0.0	-4.0
B208	3	GEO_Eqn_6.12b_nls16	10842.37	0.0	-8.0	0.0	-7.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls16	11333.28	0.0	-5.0	0.0	-7.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls16	11824.19	0.0	-2.0	0.0	-7.0	0.0	6.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls16	12315.1	0.0	1.0	0.0	-7.0	0.0	7.0
B208	3	GEO_Eqn_6.12b_nls16	12806.01	0.0	4.0	0.0	-7.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls16	13296.91	0.0	7.0	0.0	-7.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls16	13787.82	0.0	10.0	0.0	-7.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls16	14278.73	0.0	13.0	0.0	-7.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls16	14769.64	0.0	16.0	0.0	-7.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls16	14769.64	0.0	-12.0	0.0	2.0	0.0	-8.0
B208	3	GEO_Eqn_6.12b_nls16	15260.55	0.0	-9.0	0.0	2.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls16	15751.46	0.0	-6.0	0.0	2.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls16	16242.37	0.0	-3.0	0.0	2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls16	16733.28	0.0	-0.1	0.0	2.0	0.0	5.0
B208	3	GEO_Eqn_6.12b_nls16	17224.19	0.0	3.0	0.0	2.0	0.0	4.0
B208	3	GEO_Eqn_6.12b_nls16	17715.1	0.0	6.0	0.0	2.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls16	18206.01	0.0	9.0	0.0	2.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls16	18696.91	0.0	12.0	0.0	2.0	0.0	-7.0
B208	3	GEO_Eqn_6.12b_nls16	19187.82	0.0	15.0	0.0	2.0	0.0	-14.0
B208	3	GEO_Eqn_6.12b_nls16	19678.73	0.0	18.0	0.0	2.0	0.0	-22.0
B208	3	GEO_Eqn_6.12b_nls16	20169.64	0.0	21.0	0.0	2.0	0.0	-32.0
B208	3	GEO_Eqn_6.12b_nls16	20169.64	0.0	-34.0	0.0	6.0	0.0	-57.0
B208	3	GEO_Eqn_6.12b_nls16	20660.55	0.0	-31.0	0.0	6.0	0.0	-41.0
B208	3	GEO_Eqn_6.12b_nls16	21151.46	0.0	-28.0	0.0	6.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls16	21642.37	0.0	-25.0	0.0	6.0	0.0	-13.0
B208	3	GEO_Eqn_6.12b_nls16	22133.28	0.0	-22.0	0.0	6.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls16	22624.19	0.0	-19.0	0.0	6.0	0.0	8.0
B208	3	GEO_Eqn_6.12b_nls16	23115.1	0.0	-16.0	0.0	6.0	0.0	17.0
B208	3	GEO_Eqn_6.12b_nls16	23606.01	0.0	-13.0	0.0	6.0	0.0	24.0
B208	3	GEO_Eqn_6.12b_nls16	24096.91	0.0	-10.0	0.0	6.0	0.0	29.0
B208	3	GEO_Eqn_6.12b_nls16	24587.82	0.0	-7.0	0.0	6.0	0.0	33.0
B208	3	GEO_Eqn_6.12b_nls16	25078.73	0.0	-3.0	0.0	6.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls16	25569.64	0.0	-0.4	0.0	6.0	0.0	37.0
B208	3	GEO_Eqn_6.12b_nls16	26060.55	0.0	3.0	0.0	6.0	0.0	36.0
B208	3	GEO_Eqn_6.12b_nls16	26551.46	0.0	6.0	0.0	6.0	0.0	34.0
B208	3	GEO_Eqn_6.12b_nls16	27042.37	0.0	9.0	0.0	6.0	0.0	30.0
B208	3	GEO_Eqn_6.12b_nls16	27533.28	0.0	12.0	0.0	6.0	0.0	25.0
B208	3	GEO_Eqn_6.12b_nls16	28024.19	0.0	15.0	0.0	6.0	0.0	19.0
B208	3	GEO_Eqn_6.12b_nls16	28515.1	0.0	18.0	0.0	6.0	0.0	11.0
B208	3	GEO_Eqn_6.12b_nls16	29006.01	0.0	21.0	0.0	6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls16	29496.91	0.0	24.0	0.0	6.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls16	29987.82	0.0	27.0	0.0	6.0	0.0	-23.0
B208	3	GEO_Eqn_6.12b_nls16	30478.73	0.0	30.0	0.0	6.0	0.0	-37.0
B208	3	GEO_Eqn_6.12b_nls16	30969.64	0.0	33.0	0.0	6.0	0.0	-52.0
B208	3	GEO_Eqn_6.12b_nls16	30969.64	0.0	-22.0	0.0	6.0	0.0	-36.0
B208	3	GEO_Eqn_6.12b_nls16	31460.55	0.0	-19.0	0.0	6.0	0.0	-26.0
B208	3	GEO_Eqn_6.12b_nls16	31951.46	0.0	-16.0	0.0	6.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls16	32442.37	0.0	-12.0	0.0	6.0	0.0	-11.0
B208	3	GEO_Eqn_6.12b_nls16	32933.28	0.0	-9.0	0.0	6.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls16	33424.19	0.0	-6.0	0.0	6.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls16	33915.1	0.0	-3.0	0.0	6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls16	34406.01	0.0	-0.2	0.0	6.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls16	34896.91	0.0	3.0	0.0	6.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls16	35387.82	0.0	6.0	0.0	6.0	0.0	-1.0
B208	3	GEO_Eqn_6.12b_nls16	35878.73	0.0	9.0	0.0	6.0	0.0	-5.0
B208	3	GEO_Eqn_6.12b_nls16	36369.64	0.0	12.0	0.0	6.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls16	36369.64	0.0	-18.0	0.0	12.0	0.0	-18.0
B208	3	GEO_Eqn_6.12b_nls16	36860.55	0.0	-15.0	0.0	12.0	0.0	-9.0
B208	3	GEO_Eqn_6.12b_nls16	37351.46	0.0	-12.0	0.0	12.0	0.0	-3.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B208	3	GEO_Eqn_6.12b_nls16	37842.37	0.0	-9.0	0.0	12.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls16	38333.28	0.0	-6.0	0.0	12.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls16	38824.19	0.0	-3.0	0.0	12.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls16	39315.1	0.0	0.1	0.0	12.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls16	39806.01	0.0	3.0	0.0	12.0	0.0	9.0
B208	3	GEO_Eqn_6.12b_nls16	40296.91	0.0	6.0	0.0	12.0	0.0	6.0
B208	3	GEO_Eqn_6.12b_nls16	40787.82	0.0	9.0	0.0	12.0	0.0	3.0
B208	3	GEO_Eqn_6.12b_nls16	41278.73	0.0	12.0	0.0	12.0	0.0	-3.0
B208	3	GEO_Eqn_6.12b_nls16	41769.64	0.0	15.0	0.0	12.0	0.0	-10.0
B208	3	GEO_Eqn_6.12b_nls16	41769.64	0.0	-13.0	0.0	-8.0	0.0	-12.0
B208	3	GEO_Eqn_6.12b_nls16	42266.62	0.0	-10.0	0.0	-8.0	0.0	-6.0
B208	3	GEO_Eqn_6.12b_nls16	42763.59	0.0	-7.0	0.0	-8.0	0.0	-2.0
B208	3	GEO_Eqn_6.12b_nls16	43260.57	0.0	-4.0	0.0	-8.0	0.0	1.0
B208	3	GEO_Eqn_6.12b_nls16	43757.54	0.0	-1.0	0.0	-8.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls16	44254.52	0.0	2.0	0.0	-8.0	0.0	2.0
B208	3	GEO_Eqn_6.12b_nls16	44751.49	0.0	5.0	0.0	-8.0	0.0	-0.1
B345	4	GEO_Eqn_6.12b_nls01	0	6.0	-12.0	0.1	11.0	0.3	-6.0
B345	4	GEO_Eqn_6.12b_nls01	490.91	6.0	-9.0	0.1	11.0	0.3	-1.0
B345	4	GEO_Eqn_6.12b_nls01	981.82	6.0	-6.0	0.1	11.0	0.2	3.0
B345	4	GEO_Eqn_6.12b_nls01	1472.73	6.0	-3.0	0.1	11.0	0.1	5.0
B345	4	GEO_Eqn_6.12b_nls01	1963.64	6.0	-0.1	0.1	11.0	0.1	6.0
B345	4	GEO_Eqn_6.12b_nls01	2454.55	6.0	3.0	0.1	11.0	0.0	6.0
B345	4	GEO_Eqn_6.12b_nls01	2945.45	6.0	6.0	0.1	11.0	0.0	3.0
B345	4	GEO_Eqn_6.12b_nls01	3436.36	6.0	9.0	0.1	11.0	-0.1	-0.5
B345	4	GEO_Eqn_6.12b_nls01	3927.27	6.0	12.0	0.1	11.0	-0.1	-6.0
B345	4	GEO_Eqn_6.12b_nls01	4418.18	6.0	15.0	0.1	11.0	-0.2	-12.0
B345	4	GEO_Eqn_6.12b_nls01	4909.09	6.0	18.0	0.1	11.0	-0.3	-21.0
B345	4	GEO_Eqn_6.12b_nls01	5400	6.0	21.0	0.1	11.0	-0.3	-30.0
B345	4	GEO_Eqn_6.12b_nls02	0	2.0	-17.0	0.1	11.0	0.3	-13.0
B345	4	GEO_Eqn_6.12b_nls02	490.91	2.0	-14.0	0.1	11.0	0.3	-5.0
B345	4	GEO_Eqn_6.12b_nls02	981.82	2.0	-11.0	0.1	11.0	0.2	1.0
B345	4	GEO_Eqn_6.12b_nls02	1472.73	2.0	-8.0	0.1	11.0	0.1	5.0
B345	4	GEO_Eqn_6.12b_nls02	1963.64	2.0	-5.0	0.1	11.0	0.1	9.0
B345	4	GEO_Eqn_6.12b_nls02	2454.55	2.0	-2.0	0.1	11.0	0.0	10.0
B345	4	GEO_Eqn_6.12b_nls02	2945.45	2.0	1.0	0.1	11.0	0.0	10.0
B345	4	GEO_Eqn_6.12b_nls02	3436.36	2.0	4.0	0.1	11.0	-0.1	9.0
B345	4	GEO_Eqn_6.12b_nls02	3927.27	2.0	7.0	0.1	11.0	-0.1	6.0
B345	4	GEO_Eqn_6.12b_nls02	4418.18	2.0	10.0	0.1	11.0	-0.2	2.0
B345	4	GEO_Eqn_6.12b_nls02	4909.09	2.0	14.0	0.1	11.0	-0.3	-4.0
B345	4	GEO_Eqn_6.12b_nls02	5400	2.0	17.0	0.1	11.0	-0.3	-12.0
B345	4	GEO_Eqn_6.12b_nls03	0	3.0	-24.0	-0.1	-11.0	-0.3	-28.0
B345	4	GEO_Eqn_6.12b_nls03	490.91	3.0	-21.0	-0.1	-11.0	-0.3	-16.0
B345	4	GEO_Eqn_6.12b_nls03	981.82	3.0	-18.0	-0.1	-11.0	-0.2	-7.0
B345	4	GEO_Eqn_6.12b_nls03	1472.73	3.0	-15.0	-0.1	-11.0	-0.1	2.0
B345	4	GEO_Eqn_6.12b_nls03	1963.64	3.0	-12.0	-0.1	-11.0	-0.1	8.0
B345	4	GEO_Eqn_6.12b_nls03	2454.55	3.0	-9.0	-0.1	-11.0	0.0	13.0
B345	4	GEO_Eqn_6.12b_nls03	2945.45	3.0	-6.0	-0.1	-11.0	0.0	17.0
B345	4	GEO_Eqn_6.12b_nls03	3436.36	3.0	-3.0	-0.1	-11.0	0.1	19.0
B345	4	GEO_Eqn_6.12b_nls03	3927.27	3.0	0.2	-0.1	-11.0	0.1	20.0
B345	4	GEO_Eqn_6.12b_nls03	4418.18	3.0	3.0	-0.1	-11.0	0.2	19.0
B345	4	GEO_Eqn_6.12b_nls03	4909.09	3.0	6.0	-0.1	-11.0	0.3	17.0
B345	4	GEO_Eqn_6.12b_nls03	5400	3.0	9.0	-0.1	-11.0	0.3	13.0
B345	4	GEO_Eqn_6.12b_nls04	0	-4.0	-34.0	-0.1	-12.0	-0.3	-42.0
B345	4	GEO_Eqn_6.12b_nls04	490.91	-4.0	-31.0	-0.1	-12.0	-0.3	-26.0
B345	4	GEO_Eqn_6.12b_nls04	981.82	-4.0	-28.0	-0.1	-12.0	-0.2	-12.0
B345	4	GEO_Eqn_6.12b_nls04	1472.73	-4.0	-25.0	-0.1	-12.0	-0.2	1.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B345	4	GEO_Eqn_6.12b_nls04	1963.64	-4.0	-22.0	-0.1	-12.0	-0.1	13.0
B345	4	GEO_Eqn_6.12b_nls04	2454.55	-4.0	-19.0	-0.1	-12.0	0.0	23.0
B345	4	GEO_Eqn_6.12b_nls04	2945.45	-4.0	-16.0	-0.1	-12.0	0.0	31.0
B345	4	GEO_Eqn_6.12b_nls04	3436.36	-4.0	-13.0	-0.1	-12.0	0.1	38.0
B345	4	GEO_Eqn_6.12b_nls04	3927.27	-4.0	-9.0	-0.1	-12.0	0.1	43.0
B345	4	GEO_Eqn_6.12b_nls04	4418.18	-4.0	-6.0	-0.1	-12.0	0.2	47.0
B345	4	GEO_Eqn_6.12b_nls04	4909.09	-4.0	-3.0	-0.1	-12.0	0.3	50.0
B345	4	GEO_Eqn_6.12b_nls04	5400	-4.0	-0.2	-0.1	-12.0	0.3	51.0
B345	4	GEO_Eqn_6.12b_nls05	0	4.0	-14.0	0.1	12.0	0.3	-8.0
B345	4	GEO_Eqn_6.12b_nls05	490.91	4.0	-11.0	0.1	12.0	0.3	-2.0
B345	4	GEO_Eqn_6.12b_nls05	981.82	4.0	-8.0	0.1	12.0	0.2	3.0
B345	4	GEO_Eqn_6.12b_nls05	1472.73	4.0	-5.0	0.1	12.0	0.2	6.0
B345	4	GEO_Eqn_6.12b_nls05	1963.64	4.0	-2.0	0.1	12.0	0.1	7.0
B345	4	GEO_Eqn_6.12b_nls05	2454.55	4.0	1.0	0.1	12.0	0.0	7.0
B345	4	GEO_Eqn_6.12b_nls05	2945.45	4.0	5.0	0.1	12.0	0.0	6.0
B345	4	GEO_Eqn_6.12b_nls05	3436.36	4.0	8.0	0.1	12.0	-0.1	3.0
B345	4	GEO_Eqn_6.12b_nls05	3927.27	4.0	11.0	0.1	12.0	-0.2	-2.0
B345	4	GEO_Eqn_6.12b_nls05	4418.18	4.0	14.0	0.1	12.0	-0.2	-8.0
B345	4	GEO_Eqn_6.12b_nls05	4909.09	4.0	17.0	0.1	12.0	-0.3	-15.0
B345	4	GEO_Eqn_6.12b_nls05	5400	4.0	20.0	0.1	12.0	-0.3	-24.0
B345	4	GEO_Eqn_6.12b_nls06	0	-3.0	-23.0	0.1	11.0	0.3	-22.0
B345	4	GEO_Eqn_6.12b_nls06	490.91	-3.0	-20.0	0.1	11.0	0.3	-11.0
B345	4	GEO_Eqn_6.12b_nls06	981.82	-3.0	-17.0	0.1	11.0	0.2	-2.0
B345	4	GEO_Eqn_6.12b_nls06	1472.73	-3.0	-14.0	0.1	11.0	0.2	5.0
B345	4	GEO_Eqn_6.12b_nls06	1963.64	-3.0	-11.0	0.1	11.0	0.1	12.0
B345	4	GEO_Eqn_6.12b_nls06	2454.55	-3.0	-8.0	0.1	11.0	0.0	16.0
B345	4	GEO_Eqn_6.12b_nls06	2945.45	-3.0	-5.0	0.1	11.0	0.0	19.0
B345	4	GEO_Eqn_6.12b_nls06	3436.36	-3.0	-2.0	0.1	11.0	-0.1	21.0
B345	4	GEO_Eqn_6.12b_nls06	3927.27	-3.0	1.0	0.1	11.0	-0.2	21.0
B345	4	GEO_Eqn_6.12b_nls06	4418.18	-3.0	4.0	0.1	11.0	-0.2	20.0
B345	4	GEO_Eqn_6.12b_nls06	4909.09	-3.0	7.0	0.1	11.0	-0.3	17.0
B345	4	GEO_Eqn_6.12b_nls06	5400	-3.0	10.0	0.1	11.0	-0.3	12.0
B345	4	GEO_Eqn_6.12b_nls07	0	5.0	-23.0	-0.1	-12.0	-0.3	-25.0
B345	4	GEO_Eqn_6.12b_nls07	490.91	5.0	-20.0	-0.1	-12.0	-0.3	-15.0
B345	4	GEO_Eqn_6.12b_nls07	981.82	5.0	-17.0	-0.1	-12.0	-0.2	-6.0
B345	4	GEO_Eqn_6.12b_nls07	1472.73	5.0	-14.0	-0.1	-12.0	-0.2	1.0
B345	4	GEO_Eqn_6.12b_nls07	1963.64	5.0	-10.0	-0.1	-12.0	-0.1	7.0
B345	4	GEO_Eqn_6.12b_nls07	2454.55	5.0	-7.0	-0.1	-12.0	0.0	12.0
B345	4	GEO_Eqn_6.12b_nls07	2945.45	5.0	-4.0	-0.1	-12.0	0.0	15.0
B345	4	GEO_Eqn_6.12b_nls07	3436.36	5.0	-1.0	-0.1	-12.0	0.1	16.0
B345	4	GEO_Eqn_6.12b_nls07	3927.27	5.0	2.0	-0.1	-12.0	0.2	16.0
B345	4	GEO_Eqn_6.12b_nls07	4418.18	5.0	5.0	-0.1	-12.0	0.2	14.0
B345	4	GEO_Eqn_6.12b_nls07	4909.09	5.0	8.0	-0.1	-12.0	0.3	11.0
B345	4	GEO_Eqn_6.12b_nls07	5400	5.0	11.0	-0.1	-12.0	0.4	6.0
B345	4	GEO_Eqn_6.12b_nls08	0	-3.0	-32.0	-0.1	-12.0	-0.3	-40.0
B345	4	GEO_Eqn_6.12b_nls08	490.91	-3.0	-29.0	-0.1	-12.0	-0.3	-24.0
B345	4	GEO_Eqn_6.12b_nls08	981.82	-3.0	-26.0	-0.1	-12.0	-0.2	-11.0
B345	4	GEO_Eqn_6.12b_nls08	1472.73	-3.0	-23.0	-0.1	-12.0	-0.2	1.0
B345	4	GEO_Eqn_6.12b_nls08	1963.64	-3.0	-20.0	-0.1	-12.0	-0.1	12.0
B345	4	GEO_Eqn_6.12b_nls08	2454.55	-3.0	-17.0	-0.1	-12.0	0.0	21.0
B345	4	GEO_Eqn_6.12b_nls08	2945.45	-3.0	-14.0	-0.1	-12.0	0.0	29.0
B345	4	GEO_Eqn_6.12b_nls08	3436.36	-3.0	-11.0	-0.1	-12.0	0.1	35.0
B345	4	GEO_Eqn_6.12b_nls08	3927.27	-3.0	-8.0	-0.1	-12.0	0.2	39.0
B345	4	GEO_Eqn_6.12b_nls08	4418.18	-3.0	-5.0	-0.1	-12.0	0.2	43.0
B345	4	GEO_Eqn_6.12b_nls08	4909.09	-3.0	-2.0	-0.1	-12.0	0.3	44.0
B345	4	GEO_Eqn_6.12b_nls08	5400	-3.0	1.0	-0.1	-12.0	0.4	44.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B345	4	GEO_Eqn_6.12b_nls09	0	11.0	-6.0	0.1	4.0	0.1	2.0
B345	4	GEO_Eqn_6.12b_nls09	490.91	11.0	-3.0	0.1	4.0	0.1	4.0
B345	4	GEO_Eqn_6.12b_nls09	981.82	11.0	-0.1	0.1	4.0	0.1	5.0
B345	4	GEO_Eqn_6.12b_nls09	1472.73	11.0	3.0	0.1	4.0	0.1	4.0
B345	4	GEO_Eqn_6.12b_nls09	1963.64	11.0	6.0	0.1	4.0	0.0	2.0
B345	4	GEO_Eqn_6.12b_nls09	2454.55	11.0	9.0	0.1	4.0	0.0	-2.0
B345	4	GEO_Eqn_6.12b_nls09	2945.45	11.0	12.0	0.0	4.0	0.0	-7.0
B345	4	GEO_Eqn_6.12b_nls09	3436.36	11.0	15.0	0.0	4.0	0.0	-14.0
B345	4	GEO_Eqn_6.12b_nls09	3927.27	11.0	18.0	0.0	4.0	-0.1	-22.0
B345	4	GEO_Eqn_6.12b_nls09	4418.18	11.0	21.0	0.0	4.0	-0.1	-32.0
B345	4	GEO_Eqn_6.12b_nls09	4909.09	11.0	24.0	0.0	4.0	-0.1	-43.0
B345	4	GEO_Eqn_6.12b_nls09	5400	11.0	28.0	0.0	4.0	-0.1	-56.0
B345	4	GEO_Eqn_6.12b_nls10	0	11.0	-9.0	0.0	-3.0	-0.1	-3.0
B345	4	GEO_Eqn_6.12b_nls10	490.91	11.0	-6.0	0.0	-3.0	-0.1	1.0
B345	4	GEO_Eqn_6.12b_nls10	981.82	11.0	-3.0	0.0	-3.0	0.0	3.0
B345	4	GEO_Eqn_6.12b_nls10	1472.73	11.0	0.4	0.0	-3.0	0.0	3.0
B345	4	GEO_Eqn_6.12b_nls10	1963.64	11.0	3.0	0.0	-3.0	0.0	2.0
B345	4	GEO_Eqn_6.12b_nls10	2454.55	11.0	7.0	0.0	-3.0	0.0	-0.2
B345	4	GEO_Eqn_6.12b_nls10	2945.45	11.0	10.0	0.0	-3.0	0.0	-4.0
B345	4	GEO_Eqn_6.12b_nls10	3436.36	11.0	13.0	0.0	-3.0	0.0	-10.0
B345	4	GEO_Eqn_6.12b_nls10	3927.27	11.0	16.0	0.0	-3.0	0.0	-17.0
B345	4	GEO_Eqn_6.12b_nls10	4418.18	11.0	19.0	0.0	-3.0	0.0	-25.0
B345	4	GEO_Eqn_6.12b_nls10	4909.09	11.0	22.0	0.0	-3.0	0.1	-35.0
B345	4	GEO_Eqn_6.12b_nls10	5400	11.0	25.0	0.0	-3.0	0.1	-47.0
B345	4	GEO_Eqn_6.12b_nls11	0	-10.0	-35.0	0.0	2.0	0.1	-41.0
B345	4	GEO_Eqn_6.12b_nls11	490.91	-10.0	-32.0	0.0	2.0	0.1	-24.0
B345	4	GEO_Eqn_6.12b_nls11	981.82	-10.0	-29.0	0.0	2.0	0.0	-10.0
B345	4	GEO_Eqn_6.12b_nls11	1472.73	-10.0	-26.0	0.0	2.0	0.0	4.0
B345	4	GEO_Eqn_6.12b_nls11	1963.64	-10.0	-22.0	0.0	2.0	0.0	15.0
B345	4	GEO_Eqn_6.12b_nls11	2454.55	-10.0	-19.0	0.0	2.0	0.0	26.0
B345	4	GEO_Eqn_6.12b_nls11	2945.45	-10.0	-16.0	0.0	2.0	0.0	34.0
B345	4	GEO_Eqn_6.12b_nls11	3436.36	-10.0	-13.0	0.0	2.0	0.0	42.0
B345	4	GEO_Eqn_6.12b_nls11	3927.27	-10.0	-10.0	0.0	2.0	0.0	47.0
B345	4	GEO_Eqn_6.12b_nls11	4418.18	-10.0	-7.0	0.0	2.0	0.0	52.0
B345	4	GEO_Eqn_6.12b_nls11	4909.09	-10.0	-4.0	0.0	2.0	0.0	54.0
B345	4	GEO_Eqn_6.12b_nls11	5400	-10.0	-1.0	0.0	2.0	0.0	56.0
B345	4	GEO_Eqn_6.12b_nls12	0	-10.0	-38.0	0.0	-4.0	-0.1	-47.0
B345	4	GEO_Eqn_6.12b_nls12	490.91	-10.0	-35.0	0.0	-4.0	-0.1	-29.0
B345	4	GEO_Eqn_6.12b_nls12	981.82	-10.0	-32.0	0.0	-4.0	-0.1	-12.0
B345	4	GEO_Eqn_6.12b_nls12	1472.73	-10.0	-29.0	0.0	-4.0	-0.1	2.0
B345	4	GEO_Eqn_6.12b_nls12	1963.64	-10.0	-26.0	-0.1	-4.0	0.0	16.0
B345	4	GEO_Eqn_6.12b_nls12	2454.55	-10.0	-23.0	-0.1	-4.0	0.0	28.0
B345	4	GEO_Eqn_6.12b_nls12	2945.45	-10.0	-19.0	-0.1	-4.0	0.0	38.0
B345	4	GEO_Eqn_6.12b_nls12	3436.36	-10.0	-16.0	-0.1	-4.0	0.0	47.0
B345	4	GEO_Eqn_6.12b_nls12	3927.27	-10.0	-13.0	-0.1	-4.0	0.1	54.0
B345	4	GEO_Eqn_6.12b_nls12	4418.18	-10.0	-10.0	-0.1	-4.0	0.1	60.0
B345	4	GEO_Eqn_6.12b_nls12	4909.09	-10.0	-7.0	-0.1	-4.0	0.1	64.0
B345	4	GEO_Eqn_6.12b_nls12	5400	-10.0	-4.0	-0.1	-4.0	0.1	67.0
B345	4	GEO_Eqn_6.12b_nls13	0	15.0	-1.0	0.0	2.0	0.1	9.0
B345	4	GEO_Eqn_6.12b_nls13	490.91	15.0	2.0	0.0	2.0	0.1	9.0
B345	4	GEO_Eqn_6.12b_nls13	981.82	15.0	5.0	0.0	2.0	0.1	7.0
B345	4	GEO_Eqn_6.12b_nls13	1472.73	15.0	8.0	0.0	2.0	0.0	4.0
B345	4	GEO_Eqn_6.12b_nls13	1963.64	15.0	11.0	0.0	2.0	0.0	-1.0
B345	4	GEO_Eqn_6.12b_nls13	2454.55	15.0	14.0	0.0	2.0	0.0	-7.0
B345	4	GEO_Eqn_6.12b_nls13	2945.45	15.0	17.0	0.0	2.0	0.0	-15.0
B345	4	GEO_Eqn_6.12b_nls13	3436.36	15.0	20.0	0.0	2.0	0.0	-24.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B345	4	GEO_Eqn_6.12b_nls13	3927.27	15.0	23.0	0.0	2.0	0.0	-35.0
B345	4	GEO_Eqn_6.12b_nls13	4418.18	15.0	26.0	0.0	2.0	0.0	-47.0
B345	4	GEO_Eqn_6.12b_nls13	4909.09	15.0	29.0	0.0	2.0	-0.1	-60.0
B345	4	GEO_Eqn_6.12b_nls13	5400	15.0	33.0	0.0	2.0	-0.1	-76.0
B345	4	GEO_Eqn_6.12b_nls14	0	15.0	-4.0	0.0	-5.0	-0.1	4.0
B345	4	GEO_Eqn_6.12b_nls14	490.91	15.0	-1.0	0.0	-5.0	-0.1	5.0
B345	4	GEO_Eqn_6.12b_nls14	981.82	15.0	2.0	0.0	-5.0	-0.1	4.0
B345	4	GEO_Eqn_6.12b_nls14	1472.73	15.0	5.0	0.0	-5.0	-0.1	3.0
B345	4	GEO_Eqn_6.12b_nls14	1963.64	15.0	8.0	0.0	-5.0	0.0	-1.0
B345	4	GEO_Eqn_6.12b_nls14	2454.55	15.0	11.0	0.0	-5.0	0.0	-6.0
B345	4	GEO_Eqn_6.12b_nls14	2945.45	15.0	15.0	0.0	-5.0	0.0	-12.0
B345	4	GEO_Eqn_6.12b_nls14	3436.36	15.0	18.0	0.0	-5.0	0.0	-20.0
B345	4	GEO_Eqn_6.12b_nls14	3927.27	15.0	21.0	0.0	-5.0	0.1	-29.0
B345	4	GEO_Eqn_6.12b_nls14	4418.18	15.0	24.0	0.0	-5.0	0.1	-40.0
B345	4	GEO_Eqn_6.12b_nls14	4909.09	15.0	27.0	-0.1	-5.0	0.1	-53.0
B345	4	GEO_Eqn_6.12b_nls14	5400	15.0	30.0	-0.1	-5.0	0.1	-67.0
B345	4	GEO_Eqn_6.12b_nls15	0	-14.0	-39.0	0.1	4.0	0.1	-46.0
B345	4	GEO_Eqn_6.12b_nls15	490.91	-14.0	-36.0	0.0	4.0	0.1	-28.0
B345	4	GEO_Eqn_6.12b_nls15	981.82	-14.0	-33.0	0.0	4.0	0.1	-11.0
B345	4	GEO_Eqn_6.12b_nls15	1472.73	-14.0	-29.0	0.0	4.0	0.1	4.0
B345	4	GEO_Eqn_6.12b_nls15	1963.64	-14.0	-26.0	0.0	4.0	0.0	18.0
B345	4	GEO_Eqn_6.12b_nls15	2454.55	-14.0	-23.0	0.0	4.0	0.0	30.0
B345	4	GEO_Eqn_6.12b_nls15	2945.45	-14.0	-20.0	0.0	4.0	0.0	41.0
B345	4	GEO_Eqn_6.12b_nls15	3436.36	-14.0	-17.0	0.0	4.0	0.0	50.0
B345	4	GEO_Eqn_6.12b_nls15	3927.27	-14.0	-14.0	0.0	4.0	-0.1	57.0
B345	4	GEO_Eqn_6.12b_nls15	4418.18	-14.0	-11.0	0.0	4.0	-0.1	64.0
B345	4	GEO_Eqn_6.12b_nls15	4909.09	-14.0	-8.0	0.0	4.0	-0.1	68.0
B345	4	GEO_Eqn_6.12b_nls15	5400	-14.0	-5.0	0.0	4.0	-0.1	71.0
B345	4	GEO_Eqn_6.12b_nls16	0	-14.0	-42.0	0.0	-3.0	-0.1	-52.0
B345	4	GEO_Eqn_6.12b_nls16	490.91	-14.0	-39.0	0.0	-3.0	-0.1	-33.0
B345	4	GEO_Eqn_6.12b_nls16	981.82	-14.0	-36.0	0.0	-3.0	-0.1	-14.0
B345	4	GEO_Eqn_6.12b_nls16	1472.73	-14.0	-33.0	0.0	-3.0	0.0	3.0
B345	4	GEO_Eqn_6.12b_nls16	1963.64	-14.0	-30.0	0.0	-3.0	0.0	18.0
B345	4	GEO_Eqn_6.12b_nls16	2454.55	-14.0	-27.0	0.0	-3.0	0.0	32.0
B345	4	GEO_Eqn_6.12b_nls16	2945.45	-14.0	-24.0	0.0	-3.0	0.0	44.0
B345	4	GEO_Eqn_6.12b_nls16	3436.36	-14.0	-21.0	0.0	-3.0	0.0	55.0
B345	4	GEO_Eqn_6.12b_nls16	3927.27	-14.0	-18.0	0.0	-3.0	0.0	65.0
B345	4	GEO_Eqn_6.12b_nls16	4418.18	-14.0	-14.0	0.0	-3.0	0.0	72.0
B345	4	GEO_Eqn_6.12b_nls16	4909.09	-14.0	-11.0	0.0	-3.0	0.1	79.0
B345	4	GEO_Eqn_6.12b_nls16	5400	-14.0	-8.0	0.0	-3.0	0.1	84.0
B347	6	GEO_Eqn_6.12b_nls01	0	5.0	-21.0	0.1	8.0	0.3	-21.0
B347	6	GEO_Eqn_6.12b_nls01	490.91	5.0	-18.0	0.1	8.0	0.3	-11.0
B347	6	GEO_Eqn_6.12b_nls01	981.82	5.0	-15.0	0.1	8.0	0.2	-3.0
B347	6	GEO_Eqn_6.12b_nls01	1472.73	5.0	-11.0	0.1	8.0	0.1	3.0
B347	6	GEO_Eqn_6.12b_nls01	1963.64	5.0	-8.0	0.1	8.0	0.1	8.0
B347	6	GEO_Eqn_6.12b_nls01	2454.55	5.0	-5.0	0.1	8.0	0.0	11.0
B347	6	GEO_Eqn_6.12b_nls01	2945.45	5.0	-2.0	0.1	8.0	0.0	13.0
B347	6	GEO_Eqn_6.12b_nls01	3436.36	5.0	1.0	0.1	8.0	-0.1	14.0
B347	6	GEO_Eqn_6.12b_nls01	3927.27	5.0	4.0	0.1	8.0	-0.1	12.0
B347	6	GEO_Eqn_6.12b_nls01	4418.18	5.0	7.0	0.1	8.0	-0.2	10.0
B347	6	GEO_Eqn_6.12b_nls01	4909.09	5.0	10.0	0.1	8.0	-0.3	6.0
B347	6	GEO_Eqn_6.12b_nls01	5400	5.0	13.0	0.1	8.0	-0.3	0.0
B347	6	GEO_Eqn_6.12b_nls02	0	1.0	-25.0	0.1	8.0	0.3	-26.0
B347	6	GEO_Eqn_6.12b_nls02	490.91	1.0	-22.0	0.1	8.0	0.3	-14.0
B347	6	GEO_Eqn_6.12b_nls02	981.82	1.0	-19.0	0.1	8.0	0.2	-4.0
B347	6	GEO_Eqn_6.12b_nls02	1472.73	1.0	-16.0	0.1	8.0	0.1	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B347	6	GEO_Eqn_6.12b_nls02	1963.64	1.0	-13.0	0.1	8.0	0.1	11.0
B347	6	GEO_Eqn_6.12b_nls02	2454.55	1.0	-9.0	0.1	8.0	0.0	16.0
B347	6	GEO_Eqn_6.12b_nls02	2945.45	1.0	-6.0	0.1	8.0	0.0	20.0
B347	6	GEO_Eqn_6.12b_nls02	3436.36	1.0	-3.0	0.1	8.0	-0.1	23.0
B347	6	GEO_Eqn_6.12b_nls02	3927.27	1.0	-0.3	0.1	8.0	-0.1	24.0
B347	6	GEO_Eqn_6.12b_nls02	4418.18	1.0	3.0	0.1	8.0	-0.2	23.0
B347	6	GEO_Eqn_6.12b_nls02	4909.09	1.0	6.0	0.1	8.0	-0.3	21.0
B347	6	GEO_Eqn_6.12b_nls02	5400	1.0	9.0	0.1	8.0	-0.3	17.0
B347	6	GEO_Eqn_6.12b_nls03	0	4.0	-14.0	-0.1	-9.0	-0.3	-3.0
B347	6	GEO_Eqn_6.12b_nls03	490.91	4.0	-11.0	-0.1	-9.0	-0.3	3.0
B347	6	GEO_Eqn_6.12b_nls03	981.82	4.0	-8.0	-0.1	-9.0	-0.2	8.0
B347	6	GEO_Eqn_6.12b_nls03	1472.73	4.0	-4.0	-0.1	-9.0	-0.1	11.0
B347	6	GEO_Eqn_6.12b_nls03	1963.64	3.0	-1.0	-0.1	-9.0	-0.1	12.0
B347	6	GEO_Eqn_6.12b_nls03	2454.55	3.0	2.0	-0.1	-9.0	0.0	12.0
B347	6	GEO_Eqn_6.12b_nls03	2945.45	3.0	5.0	-0.1	-9.0	0.0	11.0
B347	6	GEO_Eqn_6.12b_nls03	3436.36	3.0	8.0	-0.1	-9.0	0.1	8.0
B347	6	GEO_Eqn_6.12b_nls03	3927.27	3.0	11.0	-0.1	-9.0	0.1	3.0
B347	6	GEO_Eqn_6.12b_nls03	4418.18	3.0	14.0	-0.1	-9.0	0.2	-3.0
B347	6	GEO_Eqn_6.12b_nls03	4909.09	3.0	17.0	-0.1	-9.0	0.3	-11.0
B347	6	GEO_Eqn_6.12b_nls03	5400	3.0	20.0	-0.1	-9.0	0.3	-20.0
B347	6	GEO_Eqn_6.12b_nls04	0	-4.0	-21.0	-0.1	-9.0	-0.3	-11.0
B347	6	GEO_Eqn_6.12b_nls04	490.91	-4.0	-18.0	-0.1	-9.0	-0.3	-2.0
B347	6	GEO_Eqn_6.12b_nls04	981.82	-4.0	-15.0	-0.1	-9.0	-0.2	7.0
B347	6	GEO_Eqn_6.12b_nls04	1472.73	-4.0	-12.0	-0.1	-9.0	-0.2	13.0
B347	6	GEO_Eqn_6.12b_nls04	1963.64	-4.0	-9.0	-0.1	-9.0	-0.1	19.0
B347	6	GEO_Eqn_6.12b_nls04	2454.55	-4.0	-6.0	-0.1	-9.0	0.0	22.0
B347	6	GEO_Eqn_6.12b_nls04	2945.45	-4.0	-3.0	-0.1	-9.0	0.0	25.0
B347	6	GEO_Eqn_6.12b_nls04	3436.36	-4.0	0.0	-0.1	-9.0	0.1	25.0
B347	6	GEO_Eqn_6.12b_nls04	3927.27	-4.0	3.0	-0.1	-9.0	0.1	25.0
B347	6	GEO_Eqn_6.12b_nls04	4418.18	-4.0	6.0	-0.1	-9.0	0.2	22.0
B347	6	GEO_Eqn_6.12b_nls04	4909.09	-4.0	9.0	-0.1	-9.0	0.3	19.0
B347	6	GEO_Eqn_6.12b_nls04	5400	-4.0	12.0	-0.1	-9.0	0.3	13.0
B347	6	GEO_Eqn_6.12b_nls05	0	4.0	-22.0	0.1	8.0	0.3	-23.0
B347	6	GEO_Eqn_6.12b_nls05	490.91	4.0	-19.0	0.1	8.0	0.3	-13.0
B347	6	GEO_Eqn_6.12b_nls05	981.82	4.0	-16.0	0.1	8.0	0.2	-4.0
B347	6	GEO_Eqn_6.12b_nls05	1472.73	4.0	-13.0	0.1	8.0	0.2	3.0
B347	6	GEO_Eqn_6.12b_nls05	1963.64	4.0	-10.0	0.1	8.0	0.1	9.0
B347	6	GEO_Eqn_6.12b_nls05	2454.55	4.0	-7.0	0.1	8.0	0.0	13.0
B347	6	GEO_Eqn_6.12b_nls05	2945.45	4.0	-4.0	0.1	8.0	0.0	15.0
B347	6	GEO_Eqn_6.12b_nls05	3436.36	4.0	-1.0	0.1	8.0	-0.1	17.0
B347	6	GEO_Eqn_6.12b_nls05	3927.27	4.0	2.0	0.1	8.0	-0.2	16.0
B347	6	GEO_Eqn_6.12b_nls05	4418.18	4.0	5.0	0.1	8.0	-0.2	14.0
B347	6	GEO_Eqn_6.12b_nls05	4909.09	4.0	8.0	0.1	8.0	-0.3	11.0
B347	6	GEO_Eqn_6.12b_nls05	5400	4.0	12.0	0.1	8.0	-0.3	6.0
B347	6	GEO_Eqn_6.12b_nls06	0	-3.0	-30.0	0.1	9.0	0.3	-33.0
B347	6	GEO_Eqn_6.12b_nls06	490.91	-3.0	-27.0	0.1	9.0	0.3	-19.0
B347	6	GEO_Eqn_6.12b_nls06	981.82	-3.0	-24.0	0.1	9.0	0.2	-6.0
B347	6	GEO_Eqn_6.12b_nls06	1472.73	-3.0	-21.0	0.1	9.0	0.2	5.0
B347	6	GEO_Eqn_6.12b_nls06	1963.64	-3.0	-18.0	0.1	9.0	0.1	15.0
B347	6	GEO_Eqn_6.12b_nls06	2454.55	-3.0	-15.0	0.1	9.0	0.0	23.0
B347	6	GEO_Eqn_6.12b_nls06	2945.45	-3.0	-12.0	0.1	9.0	0.0	30.0
B347	6	GEO_Eqn_6.12b_nls06	3436.36	-3.0	-9.0	0.1	9.0	-0.1	35.0
B347	6	GEO_Eqn_6.12b_nls06	3927.27	-3.0	-6.0	0.1	9.0	-0.2	38.0
B347	6	GEO_Eqn_6.12b_nls06	4418.18	-3.0	-3.0	0.1	9.0	-0.2	41.0
B347	6	GEO_Eqn_6.12b_nls06	4909.09	-3.0	0.2	0.1	9.0	-0.3	41.0
B347	6	GEO_Eqn_6.12b_nls06	5400	-3.0	3.0	0.1	9.0	-0.3	40.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B347	6	GEO_Eqn_6.12b_nls07	0	4.0	-12.0	-0.1	-10.0	-0.3	-1.0
B347	6	GEO_Eqn_6.12b_nls07	490.91	4.0	-9.0	-0.1	-10.0	-0.3	4.0
B347	6	GEO_Eqn_6.12b_nls07	981.82	4.0	-6.0	-0.1	-10.0	-0.2	8.0
B347	6	GEO_Eqn_6.12b_nls07	1472.73	4.0	-3.0	-0.1	-10.0	-0.2	11.0
B347	6	GEO_Eqn_6.12b_nls07	1963.64	4.0	-0.1	-0.1	-10.0	-0.1	11.0
B347	6	GEO_Eqn_6.12b_nls07	2454.55	4.0	3.0	-0.1	-10.0	0.0	11.0
B347	6	GEO_Eqn_6.12b_nls07	2945.45	4.0	6.0	-0.1	-10.0	0.0	8.0
B347	6	GEO_Eqn_6.12b_nls07	3436.36	4.0	9.0	-0.1	-10.0	0.1	5.0
B347	6	GEO_Eqn_6.12b_nls07	3927.27	4.0	12.0	-0.1	-10.0	0.2	-0.5
B347	6	GEO_Eqn_6.12b_nls07	4418.18	4.0	15.0	-0.1	-10.0	0.2	-7.0
B347	6	GEO_Eqn_6.12b_nls07	4909.09	4.0	18.0	-0.1	-10.0	0.3	-15.0
B347	6	GEO_Eqn_6.12b_nls07	5400	4.0	21.0	-0.1	-10.0	0.4	-25.0
B347	6	GEO_Eqn_6.12b_nls08	0	-3.0	-20.0	-0.1	-10.0	-0.3	-10.0
B347	6	GEO_Eqn_6.12b_nls08	490.91	-3.0	-17.0	-0.1	-10.0	-0.3	-0.5
B347	6	GEO_Eqn_6.12b_nls08	981.82	-3.0	-14.0	-0.1	-10.0	-0.2	7.0
B347	6	GEO_Eqn_6.12b_nls08	1472.73	-3.0	-11.0	-0.1	-10.0	-0.2	13.0
B347	6	GEO_Eqn_6.12b_nls08	1963.64	-3.0	-8.0	-0.1	-10.0	-0.1	18.0
B347	6	GEO_Eqn_6.12b_nls08	2454.55	-3.0	-5.0	-0.1	-10.0	0.0	21.0
B347	6	GEO_Eqn_6.12b_nls08	2945.45	-3.0	-2.0	-0.1	-10.0	0.0	23.0
B347	6	GEO_Eqn_6.12b_nls08	3436.36	-3.0	1.0	-0.1	-10.0	0.1	23.0
B347	6	GEO_Eqn_6.12b_nls08	3927.27	-3.0	4.0	-0.1	-10.0	0.2	21.0
B347	6	GEO_Eqn_6.12b_nls08	4418.18	-3.0	7.0	-0.1	-10.0	0.2	18.0
B347	6	GEO_Eqn_6.12b_nls08	4909.09	-3.0	11.0	-0.1	-10.0	0.3	14.0
B347	6	GEO_Eqn_6.12b_nls08	5400	-3.0	14.0	-0.1	-10.0	0.4	8.0
B347	6	GEO_Eqn_6.12b_nls09	0	12.0	-9.0	0.1	2.0	0.1	-3.0
B347	6	GEO_Eqn_6.12b_nls09	490.91	12.0	-6.0	0.1	2.0	0.1	1.0
B347	6	GEO_Eqn_6.12b_nls09	981.82	12.0	-3.0	0.1	2.0	0.1	3.0
B347	6	GEO_Eqn_6.12b_nls09	1472.73	12.0	0.2	0.1	2.0	0.1	4.0
B347	6	GEO_Eqn_6.12b_nls09	1963.64	12.0	3.0	0.1	2.0	0.0	3.0
B347	6	GEO_Eqn_6.12b_nls09	2454.55	12.0	6.0	0.1	2.0	0.0	1.0
B347	6	GEO_Eqn_6.12b_nls09	2945.45	12.0	9.0	0.0	2.0	0.0	-3.0
B347	6	GEO_Eqn_6.12b_nls09	3436.36	12.0	12.0	0.0	2.0	0.0	-9.0
B347	6	GEO_Eqn_6.12b_nls09	3927.27	12.0	16.0	0.0	2.0	-0.1	-15.0
B347	6	GEO_Eqn_6.12b_nls09	4418.18	12.0	19.0	0.0	2.0	-0.1	-24.0
B347	6	GEO_Eqn_6.12b_nls09	4909.09	12.0	22.0	0.0	2.0	-0.1	-34.0
B347	6	GEO_Eqn_6.12b_nls09	5400	12.0	25.0	0.0	2.0	-0.1	-45.0
B347	6	GEO_Eqn_6.12b_nls10	0	12.0	-6.0	0.0	-3.0	-0.1	3.0
B347	6	GEO_Eqn_6.12b_nls10	490.91	12.0	-3.0	0.0	-3.0	-0.1	5.0
B347	6	GEO_Eqn_6.12b_nls10	981.82	12.0	-0.2	0.0	-3.0	0.0	6.0
B347	6	GEO_Eqn_6.12b_nls10	1472.73	12.0	3.0	0.0	-3.0	0.0	6.0
B347	6	GEO_Eqn_6.12b_nls10	1963.64	12.0	6.0	0.0	-3.0	0.0	3.0
B347	6	GEO_Eqn_6.12b_nls10	2454.55	12.0	9.0	0.0	-3.0	0.0	-0.3
B347	6	GEO_Eqn_6.12b_nls10	2945.45	12.0	12.0	0.0	-3.0	0.0	-5.0
B347	6	GEO_Eqn_6.12b_nls10	3436.36	11.0	15.0	0.0	-3.0	0.0	-12.0
B347	6	GEO_Eqn_6.12b_nls10	3927.27	11.0	18.0	0.0	-3.0	0.0	-20.0
B347	6	GEO_Eqn_6.12b_nls10	4418.18	11.0	21.0	0.0	-3.0	0.0	-30.0
B347	6	GEO_Eqn_6.12b_nls10	4909.09	11.0	24.0	0.0	-3.0	0.1	-41.0
B347	6	GEO_Eqn_6.12b_nls10	5400	11.0	27.0	0.0	-3.0	0.1	-54.0
B347	6	GEO_Eqn_6.12b_nls11	0	-11.0	-33.0	0.0	3.0	0.1	-31.0
B347	6	GEO_Eqn_6.12b_nls11	490.91	-11.0	-30.0	0.0	3.0	0.1	-15.0
B347	6	GEO_Eqn_6.12b_nls11	981.82	-11.0	-27.0	0.0	3.0	0.0	-1.0
B347	6	GEO_Eqn_6.12b_nls11	1472.73	-11.0	-24.0	0.0	3.0	0.0	11.0
B347	6	GEO_Eqn_6.12b_nls11	1963.64	-11.0	-21.0	0.0	3.0	0.0	22.0
B347	6	GEO_Eqn_6.12b_nls11	2454.55	-11.0	-18.0	0.0	3.0	0.0	32.0
B347	6	GEO_Eqn_6.12b_nls11	2945.45	-11.0	-15.0	0.0	3.0	0.0	40.0
B347	6	GEO_Eqn_6.12b_nls11	3436.36	-11.0	-12.0	0.0	3.0	0.0	46.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B347	6	GEO_Eqn_6.12b_nls11	3927.27	-11.0	-8.0	0.0	3.0	0.0	51.0
B347	6	GEO_Eqn_6.12b_nls11	4418.18	-11.0	-5.0	0.0	3.0	0.0	54.0
B347	6	GEO_Eqn_6.12b_nls11	4909.09	-11.0	-2.0	0.0	3.0	0.0	56.0
B347	6	GEO_Eqn_6.12b_nls11	5400	-11.0	1.0	0.0	3.0	0.0	57.0
B347	6	GEO_Eqn_6.12b_nls12	0	-11.0	-30.0	0.0	-3.0	-0.1	-24.0
B347	6	GEO_Eqn_6.12b_nls12	490.91	-11.0	-27.0	0.0	-3.0	-0.1	-10.0
B347	6	GEO_Eqn_6.12b_nls12	981.82	-11.0	-24.0	0.0	-3.0	-0.1	3.0
B347	6	GEO_Eqn_6.12b_nls12	1472.73	-11.0	-21.0	0.0	-3.0	-0.1	14.0
B347	6	GEO_Eqn_6.12b_nls12	1963.64	-11.0	-18.0	-0.1	-3.0	0.0	23.0
B347	6	GEO_Eqn_6.12b_nls12	2454.55	-11.0	-15.0	-0.1	-3.0	0.0	32.0
B347	6	GEO_Eqn_6.12b_nls12	2945.45	-11.0	-12.0	-0.1	-3.0	0.0	38.0
B347	6	GEO_Eqn_6.12b_nls12	3436.36	-11.0	-9.0	-0.1	-3.0	0.0	43.0
B347	6	GEO_Eqn_6.12b_nls12	3927.27	-11.0	-6.0	-0.1	-3.0	0.1	47.0
B347	6	GEO_Eqn_6.12b_nls12	4418.18	-11.0	-3.0	-0.1	-3.0	0.1	49.0
B347	6	GEO_Eqn_6.12b_nls12	4909.09	-11.0	0.4	-0.1	-3.0	0.1	49.0
B347	6	GEO_Eqn_6.12b_nls12	5400	-11.0	3.0	-0.1	-3.0	0.1	48.0
B347	6	GEO_Eqn_6.12b_nls13	0	15.0	-4.0	0.0	1.0	0.1	4.0
B347	6	GEO_Eqn_6.12b_nls13	490.91	15.0	-1.0	0.0	1.0	0.1	5.0
B347	6	GEO_Eqn_6.12b_nls13	981.82	15.0	2.0	0.0	1.0	0.1	5.0
B347	6	GEO_Eqn_6.12b_nls13	1472.73	15.0	5.0	0.0	1.0	0.0	4.0
B347	6	GEO_Eqn_6.12b_nls13	1963.64	15.0	8.0	0.0	1.0	0.0	0.5
B347	6	GEO_Eqn_6.12b_nls13	2454.55	15.0	11.0	0.0	1.0	0.0	-4.0
B347	6	GEO_Eqn_6.12b_nls13	2945.45	15.0	14.0	0.0	1.0	0.0	-10.0
B347	6	GEO_Eqn_6.12b_nls13	3436.36	15.0	17.0	0.0	1.0	0.0	-18.0
B347	6	GEO_Eqn_6.12b_nls13	3927.27	15.0	20.0	0.0	1.0	0.0	-27.0
B347	6	GEO_Eqn_6.12b_nls13	4418.18	15.0	23.0	0.0	1.0	0.0	-38.0
B347	6	GEO_Eqn_6.12b_nls13	4909.09	15.0	26.0	0.0	1.0	-0.1	-50.0
B347	6	GEO_Eqn_6.12b_nls13	5400	15.0	29.0	0.0	1.0	-0.1	-63.0
B347	6	GEO_Eqn_6.12b_nls14	0	14.0	-2.0	0.0	-4.0	-0.1	8.0
B347	6	GEO_Eqn_6.12b_nls14	490.91	14.0	1.0	0.0	-4.0	-0.1	9.0
B347	6	GEO_Eqn_6.12b_nls14	981.82	14.0	4.0	0.0	-4.0	-0.1	7.0
B347	6	GEO_Eqn_6.12b_nls14	1472.73	14.0	7.0	0.0	-4.0	-0.1	5.0
B347	6	GEO_Eqn_6.12b_nls14	1963.64	14.0	10.0	0.0	-4.0	0.0	1.0
B347	6	GEO_Eqn_6.12b_nls14	2454.55	14.0	13.0	0.0	-4.0	0.0	-5.0
B347	6	GEO_Eqn_6.12b_nls14	2945.45	14.0	16.0	0.0	-4.0	0.0	-12.0
B347	6	GEO_Eqn_6.12b_nls14	3436.36	14.0	19.0	0.0	-4.0	0.0	-21.0
B347	6	GEO_Eqn_6.12b_nls14	3927.27	14.0	22.0	0.0	-4.0	0.1	-31.0
B347	6	GEO_Eqn_6.12b_nls14	4418.18	14.0	25.0	0.0	-4.0	0.1	-43.0
B347	6	GEO_Eqn_6.12b_nls14	4909.09	14.0	28.0	-0.1	-4.0	0.1	-56.0
B347	6	GEO_Eqn_6.12b_nls14	5400	14.0	32.0	-0.1	-4.0	0.1	-71.0
B347	6	GEO_Eqn_6.12b_nls15	0	-14.0	-37.0	0.1	4.0	0.1	-37.0
B347	6	GEO_Eqn_6.12b_nls15	490.91	-14.0	-34.0	0.0	4.0	0.1	-19.0
B347	6	GEO_Eqn_6.12b_nls15	981.82	-14.0	-31.0	0.0	4.0	0.1	-3.0
B347	6	GEO_Eqn_6.12b_nls15	1472.73	-14.0	-28.0	0.0	4.0	0.1	11.0
B347	6	GEO_Eqn_6.12b_nls15	1963.64	-14.0	-25.0	0.0	4.0	0.0	24.0
B347	6	GEO_Eqn_6.12b_nls15	2454.55	-14.0	-22.0	0.0	4.0	0.0	36.0
B347	6	GEO_Eqn_6.12b_nls15	2945.45	-14.0	-19.0	0.0	4.0	0.0	46.0
B347	6	GEO_Eqn_6.12b_nls15	3436.36	-14.0	-16.0	0.0	4.0	0.0	54.0
B347	6	GEO_Eqn_6.12b_nls15	3927.27	-14.0	-13.0	0.0	4.0	-0.1	61.0
B347	6	GEO_Eqn_6.12b_nls15	4418.18	-14.0	-10.0	0.0	4.0	-0.1	67.0
B347	6	GEO_Eqn_6.12b_nls15	4909.09	-14.0	-7.0	0.0	4.0	-0.1	70.0
B347	6	GEO_Eqn_6.12b_nls15	5400	-14.0	-3.0	0.0	4.0	-0.1	73.0
B347	6	GEO_Eqn_6.12b_nls16	0	-14.0	-34.0	0.0	-2.0	-0.1	-29.0
B347	6	GEO_Eqn_6.12b_nls16	490.91	-14.0	-31.0	0.0	-2.0	-0.1	-13.0
B347	6	GEO_Eqn_6.12b_nls16	981.82	-14.0	-28.0	0.0	-2.0	-0.1	1.0
B347	6	GEO_Eqn_6.12b_nls16	1472.73	-14.0	-25.0	0.0	-2.0	0.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B347	6	GEO_Eqn_6.12b_nls16	1963.64	-14.0	-22.0	0.0	-2.0	0.0	26.0
B347	6	GEO_Eqn_6.12b_nls16	2454.55	-14.0	-19.0	0.0	-2.0	0.0	36.0
B347	6	GEO_Eqn_6.12b_nls16	2945.45	-14.0	-16.0	0.0	-2.0	0.0	44.0
B347	6	GEO_Eqn_6.12b_nls16	3436.36	-14.0	-13.0	0.0	-2.0	0.0	51.0
B347	6	GEO_Eqn_6.12b_nls16	3927.27	-14.0	-9.0	0.0	-2.0	0.0	56.0
B347	6	GEO_Eqn_6.12b_nls16	4418.18	-14.0	-6.0	0.0	-2.0	0.0	60.0
B347	6	GEO_Eqn_6.12b_nls16	4909.09	-14.0	-3.0	0.0	-2.0	0.1	63.0
B347	6	GEO_Eqn_6.12b_nls16	5400	-14.0	-0.3	0.0	-2.0	0.1	64.0
B351	8	GEO_Eqn_6.12b_nls01	0	5.0	-9.0	0.1	6.0	0.3	7.0
B351	8	GEO_Eqn_6.12b_nls01	490.91	5.0	-6.0	0.1	6.0	0.3	11.0
B351	8	GEO_Eqn_6.12b_nls01	981.82	5.0	-3.0	0.1	6.0	0.2	13.0
B351	8	GEO_Eqn_6.12b_nls01	1472.73	5.0	0.0	0.1	6.0	0.1	14.0
B351	8	GEO_Eqn_6.12b_nls01	1963.64	5.0	3.0	0.1	6.0	0.1	13.0
B351	8	GEO_Eqn_6.12b_nls01	2454.55	5.0	6.0	0.1	6.0	0.0	11.0
B351	8	GEO_Eqn_6.12b_nls01	2945.45	5.0	9.0	0.1	6.0	0.0	7.0
B351	8	GEO_Eqn_6.12b_nls01	3436.36	5.0	12.0	0.1	6.0	-0.1	2.0
B351	8	GEO_Eqn_6.12b_nls01	3927.27	5.0	15.0	0.1	6.0	-0.1	-5.0
B351	8	GEO_Eqn_6.12b_nls01	4418.18	5.0	18.0	0.1	6.0	-0.2	-13.0
B351	8	GEO_Eqn_6.12b_nls01	4909.09	5.0	21.0	0.1	6.0	-0.3	-23.0
B351	8	GEO_Eqn_6.12b_nls01	5400	5.0	25.0	0.1	6.0	-0.3	-34.0
B351	8	GEO_Eqn_6.12b_nls02	0	1.0	-15.0	0.1	7.0	0.3	-0.1
B351	8	GEO_Eqn_6.12b_nls02	490.91	1.0	-11.0	0.1	7.0	0.3	6.0
B351	8	GEO_Eqn_6.12b_nls02	981.82	1.0	-8.0	0.1	7.0	0.2	11.0
B351	8	GEO_Eqn_6.12b_nls02	1472.73	1.0	-5.0	0.1	7.0	0.1	15.0
B351	8	GEO_Eqn_6.12b_nls02	1963.64	1.0	-2.0	0.1	7.0	0.1	16.0
B351	8	GEO_Eqn_6.12b_nls02	2454.55	1.0	1.0	0.1	7.0	0.0	17.0
B351	8	GEO_Eqn_6.12b_nls02	2945.45	1.0	4.0	0.1	7.0	0.0	16.0
B351	8	GEO_Eqn_6.12b_nls02	3436.36	1.0	7.0	0.1	7.0	-0.1	13.0
B351	8	GEO_Eqn_6.12b_nls02	3927.27	1.0	10.0	0.1	7.0	-0.1	9.0
B351	8	GEO_Eqn_6.12b_nls02	4418.18	1.0	13.0	0.1	7.0	-0.2	3.0
B351	8	GEO_Eqn_6.12b_nls02	4909.09	1.0	16.0	0.1	7.0	-0.3	-4.0
B351	8	GEO_Eqn_6.12b_nls02	5400	1.0	19.0	0.1	7.0	-0.3	-13.0
B351	8	GEO_Eqn_6.12b_nls03	0	4.0	-16.0	-0.1	-4.0	-0.3	-11.0
B351	8	GEO_Eqn_6.12b_nls03	490.91	4.0	-13.0	-0.1	-4.0	-0.3	-4.0
B351	8	GEO_Eqn_6.12b_nls03	981.82	4.0	-10.0	-0.1	-4.0	-0.2	2.0
B351	8	GEO_Eqn_6.12b_nls03	1472.73	4.0	-7.0	-0.1	-4.0	-0.1	6.0
B351	8	GEO_Eqn_6.12b_nls03	1963.64	4.0	-4.0	-0.1	-4.0	-0.1	9.0
B351	8	GEO_Eqn_6.12b_nls03	2454.55	4.0	-1.0	-0.1	-4.0	0.0	10.0
B351	8	GEO_Eqn_6.12b_nls03	2945.45	4.0	2.0	-0.1	-4.0	0.0	10.0
B351	8	GEO_Eqn_6.12b_nls03	3436.36	4.0	5.0	-0.1	-4.0	0.1	8.0
B351	8	GEO_Eqn_6.12b_nls03	3927.27	4.0	8.0	-0.1	-4.0	0.1	5.0
B351	8	GEO_Eqn_6.12b_nls03	4418.18	4.0	11.0	-0.1	-4.0	0.2	0.3
B351	8	GEO_Eqn_6.12b_nls03	4909.09	4.0	14.0	-0.1	-4.0	0.3	-6.0
B351	8	GEO_Eqn_6.12b_nls03	5400	4.0	17.0	-0.1	-4.0	0.3	-14.0
B351	8	GEO_Eqn_6.12b_nls04	0	-4.0	-28.0	-0.1	-0.2	-0.3	-28.0
B351	8	GEO_Eqn_6.12b_nls04	490.91	-4.0	-25.0	-0.1	-0.2	-0.3	-15.0
B351	8	GEO_Eqn_6.12b_nls04	981.82	-4.0	-22.0	-0.1	-0.2	-0.2	-3.0
B351	8	GEO_Eqn_6.12b_nls04	1472.73	-4.0	-19.0	-0.1	-0.2	-0.2	7.0
B351	8	GEO_Eqn_6.12b_nls04	1963.64	-4.0	-16.0	-0.1	-0.2	-0.1	15.0
B351	8	GEO_Eqn_6.12b_nls04	2454.55	-4.0	-13.0	-0.1	-0.2	0.0	22.0
B351	8	GEO_Eqn_6.12b_nls04	2945.45	-4.0	-10.0	-0.1	-0.2	0.0	28.0
B351	8	GEO_Eqn_6.12b_nls04	3436.36	-4.0	-6.0	-0.1	-0.2	0.1	32.0
B351	8	GEO_Eqn_6.12b_nls04	3927.27	-4.0	-3.0	-0.1	-0.2	0.1	34.0
B351	8	GEO_Eqn_6.12b_nls04	4418.18	-4.0	-0.3	-0.1	-0.2	0.2	35.0
B351	8	GEO_Eqn_6.12b_nls04	4909.09	-4.0	3.0	-0.1	-0.2	0.3	34.0
B351	8	GEO_Eqn_6.12b_nls04	5400	-4.0	6.0	-0.1	-0.2	0.3	32.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B351	8	GEO_Eqn_6.12b_nls05	0	4.0	-10.0	0.1	6.0	0.3	7.0
B351	8	GEO_Eqn_6.12b_nls05	490.91	4.0	-7.0	0.1	6.0	0.3	11.0
B351	8	GEO_Eqn_6.12b_nls05	981.82	4.0	-4.0	0.1	6.0	0.2	14.0
B351	8	GEO_Eqn_6.12b_nls05	1472.73	4.0	-0.4	0.1	6.0	0.2	15.0
B351	8	GEO_Eqn_6.12b_nls05	1963.64	4.0	3.0	0.1	6.0	0.1	14.0
B351	8	GEO_Eqn_6.12b_nls05	2454.55	4.0	6.0	0.1	6.0	0.0	12.0
B351	8	GEO_Eqn_6.12b_nls05	2945.45	4.0	9.0	0.1	6.0	0.0	9.0
B351	8	GEO_Eqn_6.12b_nls05	3436.36	4.0	12.0	0.1	6.0	-0.1	3.0
B351	8	GEO_Eqn_6.12b_nls05	3927.27	4.0	15.0	0.1	6.0	-0.2	-3.0
B351	8	GEO_Eqn_6.12b_nls05	4418.18	4.0	18.0	0.1	6.0	-0.2	-11.0
B351	8	GEO_Eqn_6.12b_nls05	4909.09	4.0	21.0	0.1	6.0	-0.3	-21.0
B351	8	GEO_Eqn_6.12b_nls05	5400	4.0	24.0	0.1	6.0	-0.3	-32.0
B351	8	GEO_Eqn_6.12b_nls06	0	-3.0	-20.0	0.1	9.0	0.3	-8.0
B351	8	GEO_Eqn_6.12b_nls06	490.91	-3.0	-17.0	0.1	9.0	0.3	2.0
B351	8	GEO_Eqn_6.12b_nls06	981.82	-3.0	-14.0	0.1	9.0	0.2	9.0
B351	8	GEO_Eqn_6.12b_nls06	1472.73	-3.0	-11.0	0.1	9.0	0.2	16.0
B351	8	GEO_Eqn_6.12b_nls06	1963.64	-3.0	-8.0	0.1	9.0	0.1	20.0
B351	8	GEO_Eqn_6.12b_nls06	2454.55	-3.0	-5.0	0.1	9.0	0.0	24.0
B351	8	GEO_Eqn_6.12b_nls06	2945.45	-3.0	-2.0	0.1	9.0	0.0	25.0
B351	8	GEO_Eqn_6.12b_nls06	3436.36	-3.0	1.0	0.1	9.0	-0.1	26.0
B351	8	GEO_Eqn_6.12b_nls06	3927.27	-3.0	4.0	0.1	9.0	-0.2	24.0
B351	8	GEO_Eqn_6.12b_nls06	4418.18	-3.0	7.0	0.1	9.0	-0.2	22.0
B351	8	GEO_Eqn_6.12b_nls06	4909.09	-3.0	10.0	0.1	9.0	-0.3	17.0
B351	8	GEO_Eqn_6.12b_nls06	5400	-3.0	13.0	0.1	9.0	-0.3	12.0
B351	8	GEO_Eqn_6.12b_nls07	0	4.0	-16.0	-0.1	-4.0	-0.3	-10.0
B351	8	GEO_Eqn_6.12b_nls07	490.91	4.0	-13.0	-0.1	-4.0	-0.3	-3.0
B351	8	GEO_Eqn_6.12b_nls07	981.82	4.0	-10.0	-0.1	-4.0	-0.2	2.0
B351	8	GEO_Eqn_6.12b_nls07	1472.73	4.0	-6.0	-0.1	-4.0	-0.2	6.0
B351	8	GEO_Eqn_6.12b_nls07	1963.64	4.0	-3.0	-0.1	-4.0	-0.1	8.0
B351	8	GEO_Eqn_6.12b_nls07	2454.55	4.0	-0.3	-0.1	-4.0	0.0	9.0
B351	8	GEO_Eqn_6.12b_nls07	2945.45	4.0	3.0	-0.1	-4.0	0.0	9.0
B351	8	GEO_Eqn_6.12b_nls07	3436.36	4.0	6.0	-0.1	-4.0	0.1	7.0
B351	8	GEO_Eqn_6.12b_nls07	3927.27	4.0	9.0	-0.1	-4.0	0.2	3.0
B351	8	GEO_Eqn_6.12b_nls07	4418.18	4.0	12.0	-0.1	-4.0	0.2	-2.0
B351	8	GEO_Eqn_6.12b_nls07	4909.09	4.0	15.0	-0.1	-4.0	0.3	-9.0
B351	8	GEO_Eqn_6.12b_nls07	5400	4.0	18.0	-0.1	-4.0	0.4	-17.0
B351	8	GEO_Eqn_6.12b_nls08	0	-3.0	-27.0	-0.1	-0.4	-0.3	-27.0
B351	8	GEO_Eqn_6.12b_nls08	490.91	-3.0	-24.0	-0.1	-0.4	-0.3	-14.0
B351	8	GEO_Eqn_6.12b_nls08	981.82	-3.0	-21.0	-0.1	-0.4	-0.2	-3.0
B351	8	GEO_Eqn_6.12b_nls08	1472.73	-3.0	-18.0	-0.1	-0.4	-0.2	6.0
B351	8	GEO_Eqn_6.12b_nls08	1963.64	-3.0	-15.0	-0.1	-0.4	-0.1	14.0
B351	8	GEO_Eqn_6.12b_nls08	2454.55	-3.0	-12.0	-0.1	-0.4	0.0	21.0
B351	8	GEO_Eqn_6.12b_nls08	2945.45	-3.0	-9.0	-0.1	-0.4	0.0	26.0
B351	8	GEO_Eqn_6.12b_nls08	3436.36	-3.0	-6.0	-0.1	-0.4	0.1	30.0
B351	8	GEO_Eqn_6.12b_nls08	3927.27	-3.0	-3.0	-0.1	-0.4	0.2	32.0
B351	8	GEO_Eqn_6.12b_nls08	4418.18	-3.0	0.4	-0.1	-0.4	0.2	32.0
B351	8	GEO_Eqn_6.12b_nls08	4909.09	-3.0	3.0	-0.1	-0.4	0.3	31.0
B351	8	GEO_Eqn_6.12b_nls08	5400	-3.0	7.0	-0.1	-0.4	0.4	29.0
B351	8	GEO_Eqn_6.12b_nls09	0	12.0	-0.1	0.1	-1.0	0.1	16.0
B351	8	GEO_Eqn_6.12b_nls09	490.91	12.0	3.0	0.1	-1.0	0.1	16.0
B351	8	GEO_Eqn_6.12b_nls09	981.82	12.0	6.0	0.1	-1.0	0.1	13.0
B351	8	GEO_Eqn_6.12b_nls09	1472.73	12.0	9.0	0.1	-1.0	0.1	10.0
B351	8	GEO_Eqn_6.12b_nls09	1963.64	12.0	12.0	0.1	-1.0	0.0	4.0
B351	8	GEO_Eqn_6.12b_nls09	2454.55	12.0	15.0	0.1	-1.0	0.0	-2.0
B351	8	GEO_Eqn_6.12b_nls09	2945.45	12.0	18.0	0.0	-1.0	0.0	-11.0
B351	8	GEO_Eqn_6.12b_nls09	3436.36	12.0	21.0	0.0	-1.0	0.0	-20.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B351	8	GEO_Eqn_6.12b_nls09	3927.27	12.0	24.0	0.0	-1.0	-0.1	-32.0
B351	8	GEO_Eqn_6.12b_nls09	4418.18	12.0	28.0	0.0	-1.0	-0.1	-44.0
B351	8	GEO_Eqn_6.12b_nls09	4909.09	12.0	31.0	0.0	-1.0	-0.1	-59.0
B351	8	GEO_Eqn_6.12b_nls09	5400	12.0	34.0	0.0	-1.0	-0.1	-74.0
B351	8	GEO_Eqn_6.12b_nls10	0	12.0	-1.0	0.0	-5.0	-0.1	12.0
B351	8	GEO_Eqn_6.12b_nls10	490.91	12.0	2.0	0.0	-5.0	-0.1	12.0
B351	8	GEO_Eqn_6.12b_nls10	981.82	12.0	5.0	0.0	-5.0	0.0	10.0
B351	8	GEO_Eqn_6.12b_nls10	1472.73	12.0	8.0	0.0	-5.0	0.0	7.0
B351	8	GEO_Eqn_6.12b_nls10	1963.64	12.0	11.0	0.0	-5.0	0.0	2.0
B351	8	GEO_Eqn_6.12b_nls10	2454.55	12.0	14.0	0.0	-5.0	0.0	-4.0
B351	8	GEO_Eqn_6.12b_nls10	2945.45	12.0	17.0	0.0	-5.0	0.0	-12.0
B351	8	GEO_Eqn_6.12b_nls10	3436.36	12.0	20.0	0.0	-5.0	0.0	-21.0
B351	8	GEO_Eqn_6.12b_nls10	3927.27	12.0	23.0	0.0	-5.0	0.0	-32.0
B351	8	GEO_Eqn_6.12b_nls10	4418.18	12.0	26.0	0.0	-5.0	0.0	-44.0
B351	8	GEO_Eqn_6.12b_nls10	4909.09	12.0	30.0	0.0	-5.0	0.1	-58.0
B351	8	GEO_Eqn_6.12b_nls10	5400	12.0	33.0	0.0	-5.0	0.1	-73.0
B351	8	GEO_Eqn_6.12b_nls11	0	-11.0	-36.0	0.0	11.0	0.1	-34.0
B351	8	GEO_Eqn_6.12b_nls11	490.91	-11.0	-32.0	0.0	11.0	0.1	-17.0
B351	8	GEO_Eqn_6.12b_nls11	981.82	-11.0	-29.0	0.0	11.0	0.0	-2.0
B351	8	GEO_Eqn_6.12b_nls11	1472.73	-11.0	-26.0	0.0	11.0	0.0	12.0
B351	8	GEO_Eqn_6.12b_nls11	1963.64	-11.0	-23.0	0.0	11.0	0.0	24.0
B351	8	GEO_Eqn_6.12b_nls11	2454.55	-11.0	-20.0	0.0	11.0	0.0	35.0
B351	8	GEO_Eqn_6.12b_nls11	2945.45	-11.0	-17.0	0.0	11.0	0.0	44.0
B351	8	GEO_Eqn_6.12b_nls11	3436.36	-12.0	-14.0	0.0	11.0	0.0	51.0
B351	8	GEO_Eqn_6.12b_nls11	3927.27	-12.0	-11.0	0.0	11.0	0.0	58.0
B351	8	GEO_Eqn_6.12b_nls11	4418.18	-12.0	-8.0	0.0	11.0	0.0	62.0
B351	8	GEO_Eqn_6.12b_nls11	4909.09	-12.0	-5.0	0.0	11.0	0.0	65.0
B351	8	GEO_Eqn_6.12b_nls11	5400	-12.0	-2.0	0.0	11.0	0.0	67.0
B351	8	GEO_Eqn_6.12b_nls12	0	-12.0	-38.0	0.0	8.0	-0.1	-40.0
B351	8	GEO_Eqn_6.12b_nls12	490.91	-12.0	-35.0	0.0	8.0	-0.1	-22.0
B351	8	GEO_Eqn_6.12b_nls12	981.82	-12.0	-32.0	0.0	8.0	-0.1	-6.0
B351	8	GEO_Eqn_6.12b_nls12	1472.73	-12.0	-29.0	0.0	8.0	-0.1	9.0
B351	8	GEO_Eqn_6.12b_nls12	1963.64	-12.0	-26.0	-0.1	8.0	0.0	22.0
B351	8	GEO_Eqn_6.12b_nls12	2454.55	-12.0	-23.0	-0.1	8.0	0.0	34.0
B351	8	GEO_Eqn_6.12b_nls12	2945.45	-12.0	-19.0	-0.1	8.0	0.0	44.0
B351	8	GEO_Eqn_6.12b_nls12	3436.36	-12.0	-16.0	-0.1	8.0	0.0	53.0
B351	8	GEO_Eqn_6.12b_nls12	3927.27	-12.0	-13.0	-0.1	8.0	0.1	61.0
B351	8	GEO_Eqn_6.12b_nls12	4418.18	-12.0	-10.0	-0.1	8.0	0.1	66.0
B351	8	GEO_Eqn_6.12b_nls12	4909.09	-12.0	-7.0	-0.1	8.0	0.1	71.0
B351	8	GEO_Eqn_6.12b_nls12	5400	-12.0	-4.0	-0.1	8.0	0.1	73.0
B351	8	GEO_Eqn_6.12b_nls13	0	14.0	2.0	0.0	-2.0	0.1	18.0
B351	8	GEO_Eqn_6.12b_nls13	490.91	14.0	5.0	0.0	-2.0	0.1	16.0
B351	8	GEO_Eqn_6.12b_nls13	981.82	14.0	8.0	0.0	-2.0	0.1	12.0
B351	8	GEO_Eqn_6.12b_nls13	1472.73	14.0	11.0	0.0	-2.0	0.0	8.0
B351	8	GEO_Eqn_6.12b_nls13	1963.64	14.0	14.0	0.0	-2.0	0.0	1.0
B351	8	GEO_Eqn_6.12b_nls13	2454.55	14.0	17.0	0.0	-2.0	0.0	-6.0
B351	8	GEO_Eqn_6.12b_nls13	2945.45	14.0	21.0	0.0	-2.0	0.0	-16.0
B351	8	GEO_Eqn_6.12b_nls13	3436.36	14.0	24.0	0.0	-2.0	0.0	-27.0
B351	8	GEO_Eqn_6.12b_nls13	3927.27	14.0	27.0	0.0	-2.0	0.0	-39.0
B351	8	GEO_Eqn_6.12b_nls13	4418.18	14.0	30.0	0.0	-2.0	0.0	-53.0
B351	8	GEO_Eqn_6.12b_nls13	4909.09	14.0	33.0	0.0	-2.0	-0.1	-68.0
B351	8	GEO_Eqn_6.12b_nls13	5400	14.0	36.0	0.0	-2.0	-0.1	-85.0
B351	8	GEO_Eqn_6.12b_nls14	0	14.0	2.0	0.0	-6.0	-0.1	15.0
B351	8	GEO_Eqn_6.12b_nls14	490.91	14.0	5.0	0.0	-6.0	-0.1	14.0
B351	8	GEO_Eqn_6.12b_nls14	981.82	14.0	8.0	0.0	-6.0	-0.1	10.0
B351	8	GEO_Eqn_6.12b_nls14	1472.73	14.0	11.0	0.0	-6.0	-0.1	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B351	8	GEO_Eqn_6.12b_nls14	1963.64	14.0	14.0	0.0	-6.0	0.0	-1.0
B351	8	GEO_Eqn_6.12b_nls14	2454.55	14.0	17.0	0.0	-6.0	0.0	-9.0
B351	8	GEO_Eqn_6.12b_nls14	2945.45	14.0	20.0	0.0	-6.0	0.0	-18.0
B351	8	GEO_Eqn_6.12b_nls14	3436.36	14.0	24.0	0.0	-6.0	0.0	-29.0
B351	8	GEO_Eqn_6.12b_nls14	3927.27	14.0	27.0	0.0	-6.0	0.1	-41.0
B351	8	GEO_Eqn_6.12b_nls14	4418.18	14.0	30.0	0.0	-6.0	0.1	-55.0
B351	8	GEO_Eqn_6.12b_nls14	4909.09	14.0	33.0	-0.1	-6.0	0.1	-70.0
B351	8	GEO_Eqn_6.12b_nls14	5400	14.0	36.0	-0.1	-6.0	0.1	-87.0
B351	8	GEO_Eqn_6.12b_nls15	0	-13.0	-37.0	0.1	11.0	0.1	-34.0
B351	8	GEO_Eqn_6.12b_nls15	490.91	-13.0	-34.0	0.0	11.0	0.1	-17.0
B351	8	GEO_Eqn_6.12b_nls15	981.82	-13.0	-31.0	0.0	11.0	0.1	-1.0
B351	8	GEO_Eqn_6.12b_nls15	1472.73	-13.0	-28.0	0.0	11.0	0.1	13.0
B351	8	GEO_Eqn_6.12b_nls15	1963.64	-13.0	-25.0	0.0	11.0	0.0	26.0
B351	8	GEO_Eqn_6.12b_nls15	2454.55	-13.0	-22.0	0.0	11.0	0.0	38.0
B351	8	GEO_Eqn_6.12b_nls15	2945.45	-13.0	-19.0	0.0	11.0	0.0	48.0
B351	8	GEO_Eqn_6.12b_nls15	3436.36	-13.0	-15.0	0.0	11.0	0.0	56.0
B351	8	GEO_Eqn_6.12b_nls15	3927.27	-13.0	-12.0	0.0	11.0	-0.1	63.0
B351	8	GEO_Eqn_6.12b_nls15	4418.18	-13.0	-9.0	0.0	11.0	-0.1	68.0
B351	8	GEO_Eqn_6.12b_nls15	4909.09	-13.0	-6.0	0.0	11.0	-0.1	72.0
B351	8	GEO_Eqn_6.12b_nls15	5400	-13.0	-3.0	0.0	11.0	-0.1	74.0
B351	8	GEO_Eqn_6.12b_nls16	0	-14.0	-40.0	0.0	9.0	-0.1	-42.0
B351	8	GEO_Eqn_6.12b_nls16	490.91	-14.0	-37.0	0.0	9.0	-0.1	-23.0
B351	8	GEO_Eqn_6.12b_nls16	981.82	-14.0	-34.0	0.0	9.0	-0.1	-6.0
B351	8	GEO_Eqn_6.12b_nls16	1472.73	-14.0	-31.0	0.0	9.0	0.0	10.0
B351	8	GEO_Eqn_6.12b_nls16	1963.64	-14.0	-28.0	0.0	9.0	0.0	25.0
B351	8	GEO_Eqn_6.12b_nls16	2454.55	-14.0	-25.0	0.0	9.0	0.0	37.0
B351	8	GEO_Eqn_6.12b_nls16	2945.45	-14.0	-22.0	0.0	9.0	0.0	49.0
B351	8	GEO_Eqn_6.12b_nls16	3436.36	-14.0	-19.0	0.0	9.0	0.0	59.0
B351	8	GEO_Eqn_6.12b_nls16	3927.27	-14.0	-16.0	0.0	9.0	0.0	67.0
B351	8	GEO_Eqn_6.12b_nls16	4418.18	-14.0	-12.0	0.0	9.0	0.0	74.0
B351	8	GEO_Eqn_6.12b_nls16	4909.09	-14.0	-9.0	0.0	9.0	0.1	79.0
B351	8	GEO_Eqn_6.12b_nls16	5400	-14.0	-6.0	0.0	9.0	0.1	83.0
B409	11	GEO_Eqn_6.12b_nls01	0	4.0	-17.0	0.1	-9.0	0.3	-14.0
B409	11	GEO_Eqn_6.12b_nls01	490.91	4.0	-14.0	0.1	-9.0	0.3	-6.0
B409	11	GEO_Eqn_6.12b_nls01	981.82	4.0	-11.0	0.1	-9.0	0.2	0.2
B409	11	GEO_Eqn_6.12b_nls01	1472.73	4.0	-8.0	0.1	-9.0	0.1	5.0
B409	11	GEO_Eqn_6.12b_nls01	1963.64	4.0	-5.0	0.1	-9.0	0.1	8.0
B409	11	GEO_Eqn_6.12b_nls01	2454.55	4.0	-2.0	0.1	-9.0	0.0	10.0
B409	11	GEO_Eqn_6.12b_nls01	2945.45	4.0	1.0	0.1	-9.0	0.0	10.0
B409	11	GEO_Eqn_6.12b_nls01	3436.36	4.0	4.0	0.1	-9.0	-0.1	9.0
B409	11	GEO_Eqn_6.12b_nls01	3927.27	4.0	7.0	0.1	-9.0	-0.1	6.0
B409	11	GEO_Eqn_6.12b_nls01	4418.18	4.0	10.0	0.1	-9.0	-0.2	2.0
B409	11	GEO_Eqn_6.12b_nls01	4909.09	4.0	13.0	0.1	-9.0	-0.3	-4.0
B409	11	GEO_Eqn_6.12b_nls01	5400	4.0	16.0	0.1	-9.0	-0.3	-11.0
B409	11	GEO_Eqn_6.12b_nls02	0	1.0	-23.0	0.1	-11.0	0.3	-22.0
B409	11	GEO_Eqn_6.12b_nls02	490.91	1.0	-20.0	0.1	-11.0	0.3	-12.0
B409	11	GEO_Eqn_6.12b_nls02	981.82	1.0	-17.0	0.1	-11.0	0.2	-3.0
B409	11	GEO_Eqn_6.12b_nls02	1472.73	1.0	-14.0	0.1	-11.0	0.1	5.0
B409	11	GEO_Eqn_6.12b_nls02	1963.64	1.0	-10.0	0.1	-11.0	0.1	10.0
B409	11	GEO_Eqn_6.12b_nls02	2454.55	1.0	-7.0	0.1	-11.0	0.0	15.0
B409	11	GEO_Eqn_6.12b_nls02	2945.45	1.0	-4.0	0.1	-11.0	0.0	18.0
B409	11	GEO_Eqn_6.12b_nls02	3436.36	1.0	-1.0	0.1	-11.0	-0.1	19.0
B409	11	GEO_Eqn_6.12b_nls02	3927.27	1.0	2.0	0.1	-11.0	-0.1	19.0
B409	11	GEO_Eqn_6.12b_nls02	4418.18	1.0	5.0	0.1	-11.0	-0.2	17.0
B409	11	GEO_Eqn_6.12b_nls02	4909.09	1.0	8.0	0.1	-11.0	-0.3	14.0
B409	11	GEO_Eqn_6.12b_nls02	5400	1.0	11.0	0.1	-11.0	-0.3	9.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B409	11	GEO_Eqn_6.12b_nls03	0	4.0	-7.0	-0.1	-12.0	-0.3	11.0
B409	11	GEO_Eqn_6.12b_nls03	490.91	4.0	-4.0	-0.1	-12.0	-0.3	14.0
B409	11	GEO_Eqn_6.12b_nls03	981.82	4.0	-1.0	-0.1	-12.0	-0.2	16.0
B409	11	GEO_Eqn_6.12b_nls03	1472.73	4.0	2.0	-0.1	-12.0	-0.1	16.0
B409	11	GEO_Eqn_6.12b_nls03	1963.64	4.0	5.0	-0.1	-12.0	-0.1	14.0
B409	11	GEO_Eqn_6.12b_nls03	2454.55	4.0	8.0	-0.1	-12.0	0.0	11.0
B409	11	GEO_Eqn_6.12b_nls03	2945.45	4.0	11.0	-0.1	-12.0	0.0	6.0
B409	11	GEO_Eqn_6.12b_nls03	3436.36	4.0	14.0	-0.1	-12.0	0.1	0.1
B409	11	GEO_Eqn_6.12b_nls03	3927.27	4.0	17.0	-0.1	-12.0	0.1	-7.0
B409	11	GEO_Eqn_6.12b_nls03	4418.18	4.0	20.0	-0.1	-12.0	0.2	-17.0
B409	11	GEO_Eqn_6.12b_nls03	4909.09	4.0	23.0	-0.1	-12.0	0.3	-27.0
B409	11	GEO_Eqn_6.12b_nls03	5400	4.0	26.0	-0.1	-12.0	0.3	-39.0
B409	11	GEO_Eqn_6.12b_nls04	0	-4.0	-18.0	-0.1	-15.0	-0.3	-5.0
B409	11	GEO_Eqn_6.12b_nls04	490.91	-4.0	-15.0	-0.1	-15.0	-0.3	3.0
B409	11	GEO_Eqn_6.12b_nls04	981.82	-4.0	-12.0	-0.1	-15.0	-0.2	10.0
B409	11	GEO_Eqn_6.12b_nls04	1472.73	-4.0	-9.0	-0.1	-15.0	-0.2	15.0
B409	11	GEO_Eqn_6.12b_nls04	1963.64	-4.0	-6.0	-0.1	-15.0	-0.1	19.0
B409	11	GEO_Eqn_6.12b_nls04	2454.55	-4.0	-3.0	-0.1	-15.0	0.0	21.0
B409	11	GEO_Eqn_6.12b_nls04	2945.45	-4.0	0.1	-0.1	-15.0	0.0	22.0
B409	11	GEO_Eqn_6.12b_nls04	3436.36	-4.0	3.0	-0.1	-15.0	0.1	21.0
B409	11	GEO_Eqn_6.12b_nls04	3927.27	-4.0	6.0	-0.1	-15.0	0.1	18.0
B409	11	GEO_Eqn_6.12b_nls04	4418.18	-4.0	9.0	-0.1	-15.0	0.2	15.0
B409	11	GEO_Eqn_6.12b_nls04	4909.09	-4.0	12.0	-0.1	-15.0	0.3	9.0
B409	11	GEO_Eqn_6.12b_nls04	5400	-4.0	15.0	-0.1	-15.0	0.3	3.0
B409	11	GEO_Eqn_6.12b_nls05	0	4.0	-18.0	0.1	-9.0	0.3	-15.0
B409	11	GEO_Eqn_6.12b_nls05	490.91	4.0	-15.0	0.1	-9.0	0.3	-7.0
B409	11	GEO_Eqn_6.12b_nls05	981.82	4.0	-12.0	0.1	-9.0	0.2	-0.3
B409	11	GEO_Eqn_6.12b_nls05	1472.73	4.0	-9.0	0.1	-9.0	0.2	5.0
B409	11	GEO_Eqn_6.12b_nls05	1963.64	4.0	-6.0	0.1	-9.0	0.1	8.0
B409	11	GEO_Eqn_6.12b_nls05	2454.55	4.0	-3.0	0.1	-9.0	0.0	10.0
B409	11	GEO_Eqn_6.12b_nls05	2945.45	4.0	0.3	0.1	-9.0	0.0	11.0
B409	11	GEO_Eqn_6.12b_nls05	3436.36	4.0	3.0	0.1	-9.0	-0.1	10.0
B409	11	GEO_Eqn_6.12b_nls05	3927.27	4.0	6.0	0.1	-9.0	-0.2	8.0
B409	11	GEO_Eqn_6.12b_nls05	4418.18	4.0	10.0	0.1	-9.0	-0.2	4.0
B409	11	GEO_Eqn_6.12b_nls05	4909.09	4.0	13.0	0.1	-9.0	-0.3	-2.0
B409	11	GEO_Eqn_6.12b_nls05	5400	4.0	16.0	0.1	-9.0	-0.3	-9.0
B409	11	GEO_Eqn_6.12b_nls06	0	-4.0	-29.0	0.1	-13.0	0.3	-32.0
B409	11	GEO_Eqn_6.12b_nls06	490.91	-4.0	-26.0	0.1	-13.0	0.3	-18.0
B409	11	GEO_Eqn_6.12b_nls06	981.82	-4.0	-23.0	0.1	-13.0	0.2	-6.0
B409	11	GEO_Eqn_6.12b_nls06	1472.73	-4.0	-20.0	0.1	-13.0	0.2	4.0
B409	11	GEO_Eqn_6.12b_nls06	1963.64	-4.0	-16.0	0.1	-13.0	0.1	13.0
B409	11	GEO_Eqn_6.12b_nls06	2454.55	-4.0	-13.0	0.1	-13.0	0.0	20.0
B409	11	GEO_Eqn_6.12b_nls06	2945.45	-4.0	-10.0	0.1	-13.0	0.0	26.0
B409	11	GEO_Eqn_6.12b_nls06	3436.36	-4.0	-7.0	0.1	-13.0	-0.1	30.0
B409	11	GEO_Eqn_6.12b_nls06	3927.27	-4.0	-4.0	0.1	-13.0	-0.2	33.0
B409	11	GEO_Eqn_6.12b_nls06	4418.18	-4.0	-1.0	0.1	-13.0	-0.2	34.0
B409	11	GEO_Eqn_6.12b_nls06	4909.09	-4.0	2.0	0.1	-13.0	-0.3	34.0
B409	11	GEO_Eqn_6.12b_nls06	5400	-4.0	5.0	0.1	-13.0	-0.3	33.0
B409	11	GEO_Eqn_6.12b_nls07	0	4.0	-7.0	-0.1	-11.0	-0.3	12.0
B409	11	GEO_Eqn_6.12b_nls07	490.91	4.0	-4.0	-0.1	-11.0	-0.3	15.0
B409	11	GEO_Eqn_6.12b_nls07	981.82	4.0	-1.0	-0.1	-11.0	-0.2	16.0
B409	11	GEO_Eqn_6.12b_nls07	1472.73	4.0	2.0	-0.1	-11.0	-0.2	16.0
B409	11	GEO_Eqn_6.12b_nls07	1963.64	4.0	5.0	-0.1	-11.0	-0.1	14.0
B409	11	GEO_Eqn_6.12b_nls07	2454.55	4.0	9.0	-0.1	-11.0	0.0	10.0
B409	11	GEO_Eqn_6.12b_nls07	2945.45	4.0	12.0	-0.1	-11.0	0.0	5.0
B409	11	GEO_Eqn_6.12b_nls07	3436.36	4.0	15.0	-0.1	-11.0	0.1	-1.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B409	11	GEO_Eqn_6.12b_nls07	3927.27	4.0	18.0	-0.1	-11.0	0.2	-9.0
B409	11	GEO_Eqn_6.12b_nls07	4418.18	4.0	21.0	-0.1	-11.0	0.2	-18.0
B409	11	GEO_Eqn_6.12b_nls07	4909.09	4.0	24.0	-0.1	-11.0	0.3	-29.0
B409	11	GEO_Eqn_6.12b_nls07	5400	4.0	27.0	-0.1	-11.0	0.4	-42.0
B409	11	GEO_Eqn_6.12b_nls08	0	-3.0	-18.0	-0.1	-15.0	-0.3	-4.0
B409	11	GEO_Eqn_6.12b_nls08	490.91	-3.0	-15.0	-0.1	-15.0	-0.3	4.0
B409	11	GEO_Eqn_6.12b_nls08	981.82	-3.0	-11.0	-0.1	-15.0	-0.2	10.0
B409	11	GEO_Eqn_6.12b_nls08	1472.73	-3.0	-8.0	-0.1	-15.0	-0.2	15.0
B409	11	GEO_Eqn_6.12b_nls08	1963.64	-3.0	-5.0	-0.1	-15.0	-0.1	18.0
B409	11	GEO_Eqn_6.12b_nls08	2454.55	-3.0	-2.0	-0.1	-15.0	0.0	20.0
B409	11	GEO_Eqn_6.12b_nls08	2945.45	-3.0	1.0	-0.1	-15.0	0.0	21.0
B409	11	GEO_Eqn_6.12b_nls08	3436.36	-3.0	4.0	-0.1	-15.0	0.1	20.0
B409	11	GEO_Eqn_6.12b_nls08	3927.27	-3.0	7.0	-0.1	-15.0	0.2	17.0
B409	11	GEO_Eqn_6.12b_nls08	4418.18	-3.0	10.0	-0.1	-15.0	0.2	13.0
B409	11	GEO_Eqn_6.12b_nls08	4909.09	-3.0	13.0	-0.1	-15.0	0.3	7.0
B409	11	GEO_Eqn_6.12b_nls08	5400	-3.0	16.0	-0.1	-15.0	0.4	-0.1
B409	11	GEO_Eqn_6.12b_nls09	0	13.0	-2.0	0.1	-7.0	0.1	13.0
B409	11	GEO_Eqn_6.12b_nls09	490.91	13.0	1.0	0.1	-7.0	0.1	13.0
B409	11	GEO_Eqn_6.12b_nls09	981.82	13.0	4.0	0.1	-7.0	0.1	12.0
B409	11	GEO_Eqn_6.12b_nls09	1472.73	13.0	7.0	0.1	-7.0	0.1	9.0
B409	11	GEO_Eqn_6.12b_nls09	1963.64	13.0	10.0	0.1	-7.0	0.0	5.0
B409	11	GEO_Eqn_6.12b_nls09	2454.55	13.0	13.0	0.1	-7.0	0.0	-0.3
B409	11	GEO_Eqn_6.12b_nls09	2945.45	13.0	16.0	0.0	-7.0	0.0	-7.0
B409	11	GEO_Eqn_6.12b_nls09	3436.36	13.0	19.0	0.0	-7.0	0.0	-16.0
B409	11	GEO_Eqn_6.12b_nls09	3927.27	13.0	22.0	0.0	-7.0	-0.1	-26.0
B409	11	GEO_Eqn_6.12b_nls09	4418.18	13.0	25.0	0.0	-7.0	-0.1	-38.0
B409	11	GEO_Eqn_6.12b_nls09	4909.09	13.0	28.0	0.0	-7.0	-0.1	-51.0
B409	11	GEO_Eqn_6.12b_nls09	5400	13.0	31.0	0.0	-7.0	-0.1	-66.0
B409	11	GEO_Eqn_6.12b_nls10	0	13.0	4.0	0.0	-8.0	-0.1	25.0
B409	11	GEO_Eqn_6.12b_nls10	490.91	13.0	7.0	0.0	-8.0	-0.1	22.0
B409	11	GEO_Eqn_6.12b_nls10	981.82	13.0	10.0	0.0	-8.0	0.0	18.0
B409	11	GEO_Eqn_6.12b_nls10	1472.73	13.0	13.0	0.0	-8.0	0.0	13.0
B409	11	GEO_Eqn_6.12b_nls10	1963.64	13.0	16.0	0.0	-8.0	0.0	6.0
B409	11	GEO_Eqn_6.12b_nls10	2454.55	13.0	19.0	0.0	-8.0	0.0	-3.0
B409	11	GEO_Eqn_6.12b_nls10	2945.45	13.0	22.0	0.0	-8.0	0.0	-13.0
B409	11	GEO_Eqn_6.12b_nls10	3436.36	13.0	25.0	0.0	-8.0	0.0	-24.0
B409	11	GEO_Eqn_6.12b_nls10	3927.27	13.0	28.0	0.0	-8.0	0.0	-38.0
B409	11	GEO_Eqn_6.12b_nls10	4418.18	13.0	31.0	0.0	-8.0	0.0	-52.0
B409	11	GEO_Eqn_6.12b_nls10	4909.09	13.0	34.0	0.0	-8.0	0.1	-68.0
B409	11	GEO_Eqn_6.12b_nls10	5400	13.0	37.0	0.0	-8.0	0.1	-86.0
B409	11	GEO_Eqn_6.12b_nls11	0	-12.0	-36.0	0.0	-18.0	0.1	-40.0
B409	11	GEO_Eqn_6.12b_nls11	490.91	-12.0	-33.0	0.0	-18.0	0.1	-23.0
B409	11	GEO_Eqn_6.12b_nls11	981.82	-12.0	-30.0	0.0	-18.0	0.0	-7.0
B409	11	GEO_Eqn_6.12b_nls11	1472.73	-12.0	-27.0	0.0	-18.0	0.0	7.0
B409	11	GEO_Eqn_6.12b_nls11	1963.64	-12.0	-24.0	0.0	-18.0	0.0	20.0
B409	11	GEO_Eqn_6.12b_nls11	2454.55	-12.0	-21.0	0.0	-18.0	0.0	31.0
B409	11	GEO_Eqn_6.12b_nls11	2945.45	-12.0	-18.0	0.0	-18.0	0.0	41.0
B409	11	GEO_Eqn_6.12b_nls11	3436.36	-12.0	-15.0	0.0	-18.0	0.0	49.0
B409	11	GEO_Eqn_6.12b_nls11	3927.27	-12.0	-12.0	0.0	-18.0	0.0	55.0
B409	11	GEO_Eqn_6.12b_nls11	4418.18	-12.0	-9.0	0.0	-18.0	0.0	61.0
B409	11	GEO_Eqn_6.12b_nls11	4909.09	-12.0	-6.0	0.0	-18.0	0.0	64.0
B409	11	GEO_Eqn_6.12b_nls11	5400	-12.0	-3.0	0.0	-18.0	0.0	66.0
B409	11	GEO_Eqn_6.12b_nls12	0	-12.0	-33.0	0.0	-19.0	-0.1	-32.0
B409	11	GEO_Eqn_6.12b_nls12	490.91	-12.0	-30.0	0.0	-19.0	-0.1	-16.0
B409	11	GEO_Eqn_6.12b_nls12	981.82	-12.0	-27.0	0.0	-19.0	-0.1	-2.0
B409	11	GEO_Eqn_6.12b_nls12	1472.73	-12.0	-24.0	0.0	-19.0	-0.1	11.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B409	11	GEO_Eqn_6.12b_nls12	1963.64	-12.0	-21.0	-0.1	-19.0	0.0	22.0
B409	11	GEO_Eqn_6.12b_nls12	2454.55	-12.0	-18.0	-0.1	-19.0	0.0	31.0
B409	11	GEO_Eqn_6.12b_nls12	2945.45	-12.0	-15.0	-0.1	-19.0	0.0	39.0
B409	11	GEO_Eqn_6.12b_nls12	3436.36	-12.0	-12.0	-0.1	-19.0	0.0	46.0
B409	11	GEO_Eqn_6.12b_nls12	3927.27	-12.0	-9.0	-0.1	-19.0	0.1	51.0
B409	11	GEO_Eqn_6.12b_nls12	4418.18	-12.0	-6.0	-0.1	-19.0	0.1	55.0
B409	11	GEO_Eqn_6.12b_nls12	4909.09	-12.0	-3.0	-0.1	-19.0	0.1	57.0
B409	11	GEO_Eqn_6.12b_nls12	5400	-12.0	0.3	-0.1	-19.0	0.1	58.0
B409	11	GEO_Eqn_6.12b_nls13	0	14.0	1.0	0.0	-6.0	0.1	18.0
B409	11	GEO_Eqn_6.12b_nls13	490.91	14.0	4.0	0.0	-6.0	0.1	17.0
B409	11	GEO_Eqn_6.12b_nls13	981.82	14.0	7.0	0.0	-6.0	0.1	14.0
B409	11	GEO_Eqn_6.12b_nls13	1472.73	14.0	10.0	0.0	-6.0	0.0	10.0
B409	11	GEO_Eqn_6.12b_nls13	1963.64	14.0	13.0	0.0	-6.0	0.0	4.0
B409	11	GEO_Eqn_6.12b_nls13	2454.55	14.0	16.0	0.0	-6.0	0.0	-3.0
B409	11	GEO_Eqn_6.12b_nls13	2945.45	14.0	19.0	0.0	-6.0	0.0	-12.0
B409	11	GEO_Eqn_6.12b_nls13	3436.36	14.0	22.0	0.0	-6.0	0.0	-22.0
B409	11	GEO_Eqn_6.12b_nls13	3927.27	14.0	25.0	0.0	-6.0	0.0	-34.0
B409	11	GEO_Eqn_6.12b_nls13	4418.18	14.0	28.0	0.0	-6.0	0.0	-47.0
B409	11	GEO_Eqn_6.12b_nls13	4909.09	14.0	31.0	0.0	-6.0	-0.1	-61.0
B409	11	GEO_Eqn_6.12b_nls13	5400	14.0	35.0	0.0	-6.0	-0.1	-78.0
B409	11	GEO_Eqn_6.12b_nls14	0	14.0	7.0	0.0	-7.0	-0.1	31.0
B409	11	GEO_Eqn_6.12b_nls14	490.91	14.0	10.0	0.0	-7.0	-0.1	26.0
B409	11	GEO_Eqn_6.12b_nls14	981.82	14.0	13.0	0.0	-7.0	-0.1	20.0
B409	11	GEO_Eqn_6.12b_nls14	1472.73	14.0	17.0	0.0	-7.0	-0.1	13.0
B409	11	GEO_Eqn_6.12b_nls14	1963.64	14.0	20.0	0.0	-7.0	0.0	4.0
B409	11	GEO_Eqn_6.12b_nls14	2454.55	14.0	23.0	0.0	-7.0	0.0	-6.0
B409	11	GEO_Eqn_6.12b_nls14	2945.45	14.0	26.0	0.0	-7.0	0.0	-18.0
B409	11	GEO_Eqn_6.12b_nls14	3436.36	14.0	29.0	0.0	-7.0	0.0	-32.0
B409	11	GEO_Eqn_6.12b_nls14	3927.27	14.0	32.0	0.0	-7.0	0.1	-46.0
B409	11	GEO_Eqn_6.12b_nls14	4418.18	14.0	35.0	0.0	-7.0	0.1	-63.0
B409	11	GEO_Eqn_6.12b_nls14	4909.09	14.0	38.0	-0.1	-7.0	0.1	-81.0
B409	11	GEO_Eqn_6.12b_nls14	5400	14.0	41.0	-0.1	-7.0	0.1	-100.0
B409	11	GEO_Eqn_6.12b_nls15	0	-13.0	-39.0	0.1	-18.0	0.1	-43.0
B409	11	GEO_Eqn_6.12b_nls15	490.91	-13.0	-35.0	0.0	-18.0	0.1	-25.0
B409	11	GEO_Eqn_6.12b_nls15	981.82	-13.0	-32.0	0.0	-18.0	0.1	-8.0
B409	11	GEO_Eqn_6.12b_nls15	1472.73	-13.0	-29.0	0.0	-18.0	0.1	7.0
B409	11	GEO_Eqn_6.12b_nls15	1963.64	-13.0	-26.0	0.0	-18.0	0.0	20.0
B409	11	GEO_Eqn_6.12b_nls15	2454.55	-13.0	-23.0	0.0	-18.0	0.0	33.0
B409	11	GEO_Eqn_6.12b_nls15	2945.45	-13.0	-20.0	0.0	-18.0	0.0	43.0
B409	11	GEO_Eqn_6.12b_nls15	3436.36	-13.0	-17.0	0.0	-18.0	0.0	52.0
B409	11	GEO_Eqn_6.12b_nls15	3927.27	-13.0	-14.0	0.0	-18.0	-0.1	60.0
B409	11	GEO_Eqn_6.12b_nls15	4418.18	-13.0	-11.0	0.0	-18.0	-0.1	66.0
B409	11	GEO_Eqn_6.12b_nls15	4909.09	-13.0	-8.0	0.0	-18.0	-0.1	71.0
B409	11	GEO_Eqn_6.12b_nls15	5400	-13.0	-5.0	0.0	-18.0	-0.1	74.0
B409	11	GEO_Eqn_6.12b_nls16	0	-13.0	-36.0	0.0	-19.0	-0.1	-36.0
B409	11	GEO_Eqn_6.12b_nls16	490.91	-13.0	-33.0	0.0	-19.0	-0.1	-19.0
B409	11	GEO_Eqn_6.12b_nls16	981.82	-13.0	-30.0	0.0	-19.0	-0.1	-3.0
B409	11	GEO_Eqn_6.12b_nls16	1472.73	-13.0	-27.0	0.0	-19.0	0.0	10.0
B409	11	GEO_Eqn_6.12b_nls16	1963.64	-13.0	-23.0	0.0	-19.0	0.0	23.0
B409	11	GEO_Eqn_6.12b_nls16	2454.55	-13.0	-20.0	0.0	-19.0	0.0	33.0
B409	11	GEO_Eqn_6.12b_nls16	2945.45	-13.0	-17.0	0.0	-19.0	0.0	43.0
B409	11	GEO_Eqn_6.12b_nls16	3436.36	-13.0	-14.0	0.0	-19.0	0.0	50.0
B409	11	GEO_Eqn_6.12b_nls16	3927.27	-13.0	-11.0	0.0	-19.0	0.0	57.0
B409	11	GEO_Eqn_6.12b_nls16	4418.18	-13.0	-8.0	0.0	-19.0	0.0	61.0
B409	11	GEO_Eqn_6.12b_nls16	4909.09	-13.0	-5.0	0.0	-19.0	0.1	65.0
B409	11	GEO_Eqn_6.12b_nls16	5400	-13.0	-2.0	0.0	-19.0	0.1	66.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B410	25	GEO_Eqn_6.12b_nls01	0	4.0	-8.0	0.1	12.0	0.3	10.0
B410	25	GEO_Eqn_6.12b_nls01	490.91	4.0	-4.0	0.1	12.0	0.3	13.0
B410	25	GEO_Eqn_6.12b_nls01	981.82	4.0	-1.0	0.1	12.0	0.2	14.0
B410	25	GEO_Eqn_6.12b_nls01	1472.73	4.0	2.0	0.1	12.0	0.1	14.0
B410	25	GEO_Eqn_6.12b_nls01	1963.64	4.0	5.0	0.1	12.0	0.1	13.0
B410	25	GEO_Eqn_6.12b_nls01	2454.55	4.0	8.0	0.1	12.0	0.0	9.0
B410	25	GEO_Eqn_6.12b_nls01	2945.45	4.0	11.0	0.1	12.0	0.0	5.0
B410	25	GEO_Eqn_6.12b_nls01	3436.36	4.0	14.0	0.1	12.0	-0.1	-1.0
B410	25	GEO_Eqn_6.12b_nls01	3927.27	4.0	17.0	0.1	12.0	-0.1	-9.0
B410	25	GEO_Eqn_6.12b_nls01	4418.18	4.0	20.0	0.1	12.0	-0.2	-18.0
B410	25	GEO_Eqn_6.12b_nls01	4909.09	4.0	23.0	0.1	12.0	-0.3	-29.0
B410	25	GEO_Eqn_6.12b_nls01	5400	4.0	26.0	0.1	12.0	-0.3	-41.0
B410	25	GEO_Eqn_6.12b_nls02	0	-0.4	-11.0	0.1	12.0	0.3	6.0
B410	25	GEO_Eqn_6.12b_nls02	490.91	-0.4	-8.0	0.1	12.0	0.3	10.0
B410	25	GEO_Eqn_6.12b_nls02	981.82	-0.4	-5.0	0.1	12.0	0.2	14.0
B410	25	GEO_Eqn_6.12b_nls02	1472.73	-0.4	-2.0	0.1	12.0	0.1	15.0
B410	25	GEO_Eqn_6.12b_nls02	1963.64	-0.4	1.0	0.1	12.0	0.1	15.0
B410	25	GEO_Eqn_6.12b_nls02	2454.55	-0.4	4.0	0.1	12.0	0.0	14.0
B410	25	GEO_Eqn_6.12b_nls02	2945.45	-0.4	8.0	0.1	12.0	0.0	11.0
B410	25	GEO_Eqn_6.12b_nls02	3436.36	-0.4	11.0	0.1	12.0	-0.1	6.0
B410	25	GEO_Eqn_6.12b_nls02	3927.27	-0.4	14.0	0.1	12.0	-0.1	0.4
B410	25	GEO_Eqn_6.12b_nls02	4418.18	-0.4	17.0	0.1	12.0	-0.2	-7.0
B410	25	GEO_Eqn_6.12b_nls02	4909.09	-0.4	20.0	0.1	12.0	-0.3	-16.0
B410	25	GEO_Eqn_6.12b_nls02	5400	-0.4	23.0	0.1	12.0	-0.3	-26.0
B410	25	GEO_Eqn_6.12b_nls03	0	5.0	-19.0	-0.1	11.0	-0.3	-18.0
B410	25	GEO_Eqn_6.12b_nls03	490.91	5.0	-16.0	-0.1	11.0	-0.3	-9.0
B410	25	GEO_Eqn_6.12b_nls03	981.82	5.0	-13.0	-0.1	11.0	-0.2	-2.0
B410	25	GEO_Eqn_6.12b_nls03	1472.73	5.0	-10.0	-0.1	11.0	-0.1	3.0
B410	25	GEO_Eqn_6.12b_nls03	1963.64	5.0	-6.0	-0.1	11.0	-0.1	7.0
B410	25	GEO_Eqn_6.12b_nls03	2454.55	5.0	-3.0	-0.1	11.0	0.0	10.0
B410	25	GEO_Eqn_6.12b_nls03	2945.45	5.0	-0.3	-0.1	11.0	0.0	10.0
B410	25	GEO_Eqn_6.12b_nls03	3436.36	5.0	3.0	-0.1	11.0	0.1	10.0
B410	25	GEO_Eqn_6.12b_nls03	3927.27	5.0	6.0	-0.1	11.0	0.1	8.0
B410	25	GEO_Eqn_6.12b_nls03	4418.18	5.0	9.0	-0.1	11.0	0.2	4.0
B410	25	GEO_Eqn_6.12b_nls03	4909.09	5.0	12.0	-0.1	11.0	0.3	-1.0
B410	25	GEO_Eqn_6.12b_nls03	5400	5.0	15.0	-0.1	11.0	0.3	-8.0
B410	25	GEO_Eqn_6.12b_nls04	0	-3.0	-26.0	-0.1	12.0	-0.3	-26.0
B410	25	GEO_Eqn_6.12b_nls04	490.91	-3.0	-23.0	-0.1	12.0	-0.3	-14.0
B410	25	GEO_Eqn_6.12b_nls04	981.82	-3.0	-20.0	-0.1	12.0	-0.2	-4.0
B410	25	GEO_Eqn_6.12b_nls04	1472.73	-3.0	-17.0	-0.1	12.0	-0.2	5.0
B410	25	GEO_Eqn_6.12b_nls04	1963.64	-3.0	-14.0	-0.1	12.0	-0.1	13.0
B410	25	GEO_Eqn_6.12b_nls04	2454.55	-3.0	-11.0	-0.1	12.0	0.0	19.0
B410	25	GEO_Eqn_6.12b_nls04	2945.45	-3.0	-8.0	-0.1	12.0	0.0	23.0
B410	25	GEO_Eqn_6.12b_nls04	3436.36	-3.0	-4.0	-0.1	12.0	0.1	26.0
B410	25	GEO_Eqn_6.12b_nls04	3927.27	-3.0	-1.0	-0.1	12.0	0.1	27.0
B410	25	GEO_Eqn_6.12b_nls04	4418.18	-3.0	2.0	-0.1	12.0	0.2	27.0
B410	25	GEO_Eqn_6.12b_nls04	4909.09	-3.0	5.0	-0.1	12.0	0.3	26.0
B410	25	GEO_Eqn_6.12b_nls04	5400	-3.0	8.0	-0.1	12.0	0.3	23.0
B410	25	GEO_Eqn_6.12b_nls05	0	4.0	-7.0	0.1	12.0	0.3	11.0
B410	25	GEO_Eqn_6.12b_nls05	490.91	4.0	-4.0	0.1	12.0	0.3	14.0
B410	25	GEO_Eqn_6.12b_nls05	981.82	4.0	-1.0	0.1	12.0	0.2	15.0
B410	25	GEO_Eqn_6.12b_nls05	1472.73	4.0	3.0	0.1	12.0	0.2	15.0
B410	25	GEO_Eqn_6.12b_nls05	1963.64	4.0	6.0	0.1	12.0	0.1	13.0
B410	25	GEO_Eqn_6.12b_nls05	2454.55	4.0	9.0	0.1	12.0	0.0	9.0
B410	25	GEO_Eqn_6.12b_nls05	2945.45	4.0	12.0	0.1	12.0	0.0	4.0
B410	25	GEO_Eqn_6.12b_nls05	3436.36	4.0	15.0	0.1	12.0	-0.1	-2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B410	25	GEO_Eqn_6.12b_nls05	3927.27	4.0	18.0	0.1	12.0	-0.2	-10.0
B410	25	GEO_Eqn_6.12b_nls05	4418.18	4.0	21.0	0.1	12.0	-0.2	-20.0
B410	25	GEO_Eqn_6.12b_nls05	4909.09	4.0	24.0	0.1	12.0	-0.3	-31.0
B410	25	GEO_Eqn_6.12b_nls05	5400	4.0	27.0	0.1	12.0	-0.3	-44.0
B410	25	GEO_Eqn_6.12b_nls06	0	-4.0	-13.0	0.1	12.0	0.3	4.0
B410	25	GEO_Eqn_6.12b_nls06	490.91	-4.0	-10.0	0.1	12.0	0.3	9.0
B410	25	GEO_Eqn_6.12b_nls06	981.82	-4.0	-7.0	0.1	12.0	0.2	14.0
B410	25	GEO_Eqn_6.12b_nls06	1472.73	-4.0	-4.0	0.1	12.0	0.2	17.0
B410	25	GEO_Eqn_6.12b_nls06	1963.64	-4.0	-1.0	0.1	12.0	0.1	18.0
B410	25	GEO_Eqn_6.12b_nls06	2454.55	-4.0	2.0	0.1	12.0	0.0	18.0
B410	25	GEO_Eqn_6.12b_nls06	2945.45	-4.0	5.0	0.1	12.0	0.0	16.0
B410	25	GEO_Eqn_6.12b_nls06	3436.36	-4.0	8.0	0.1	12.0	-0.1	13.0
B410	25	GEO_Eqn_6.12b_nls06	3927.27	-4.0	11.0	0.1	12.0	-0.2	8.0
B410	25	GEO_Eqn_6.12b_nls06	4418.18	-4.0	14.0	0.1	12.0	-0.2	2.0
B410	25	GEO_Eqn_6.12b_nls06	4909.09	-4.0	17.0	0.1	12.0	-0.3	-6.0
B410	25	GEO_Eqn_6.12b_nls06	5400	-4.0	20.0	0.1	12.0	-0.3	-15.0
B410	25	GEO_Eqn_6.12b_nls07	0	4.0	-20.0	-0.1	11.0	-0.3	-19.0
B410	25	GEO_Eqn_6.12b_nls07	490.91	4.0	-17.0	-0.1	11.0	-0.3	-10.0
B410	25	GEO_Eqn_6.12b_nls07	981.82	4.0	-13.0	-0.1	11.0	-0.2	-3.0
B410	25	GEO_Eqn_6.12b_nls07	1472.73	4.0	-10.0	-0.1	11.0	-0.2	3.0
B410	25	GEO_Eqn_6.12b_nls07	1963.64	4.0	-7.0	-0.1	11.0	-0.1	7.0
B410	25	GEO_Eqn_6.12b_nls07	2454.55	4.0	-4.0	-0.1	11.0	0.0	10.0
B410	25	GEO_Eqn_6.12b_nls07	2945.45	4.0	-1.0	-0.1	11.0	0.0	11.0
B410	25	GEO_Eqn_6.12b_nls07	3436.36	4.0	2.0	-0.1	11.0	0.1	11.0
B410	25	GEO_Eqn_6.12b_nls07	3927.27	4.0	5.0	-0.1	11.0	0.2	9.0
B410	25	GEO_Eqn_6.12b_nls07	4418.18	4.0	8.0	-0.1	11.0	0.2	6.0
B410	25	GEO_Eqn_6.12b_nls07	4909.09	4.0	11.0	-0.1	11.0	0.3	2.0
B410	25	GEO_Eqn_6.12b_nls07	5400	4.0	14.0	-0.1	11.0	0.4	-5.0
B410	25	GEO_Eqn_6.12b_nls08	0	-4.0	-27.0	-0.1	12.0	-0.3	-28.0
B410	25	GEO_Eqn_6.12b_nls08	490.91	-4.0	-24.0	-0.1	12.0	-0.3	-15.0
B410	25	GEO_Eqn_6.12b_nls08	981.82	-4.0	-21.0	-0.1	12.0	-0.2	-5.0
B410	25	GEO_Eqn_6.12b_nls08	1472.73	-4.0	-18.0	-0.1	12.0	-0.2	5.0
B410	25	GEO_Eqn_6.12b_nls08	1963.64	-4.0	-15.0	-0.1	12.0	-0.1	13.0
B410	25	GEO_Eqn_6.12b_nls08	2454.55	-4.0	-11.0	-0.1	12.0	0.0	19.0
B410	25	GEO_Eqn_6.12b_nls08	2945.45	-4.0	-8.0	-0.1	12.0	0.0	24.0
B410	25	GEO_Eqn_6.12b_nls08	3436.36	-4.0	-5.0	-0.1	12.0	0.1	27.0
B410	25	GEO_Eqn_6.12b_nls08	3927.27	-4.0	-2.0	-0.1	12.0	0.2	29.0
B410	25	GEO_Eqn_6.12b_nls08	4418.18	-4.0	1.0	-0.1	12.0	0.2	29.0
B410	25	GEO_Eqn_6.12b_nls08	4909.09	-4.0	4.0	-0.1	12.0	0.3	28.0
B410	25	GEO_Eqn_6.12b_nls08	5400	-4.0	7.0	-0.1	12.0	0.4	26.0
B410	25	GEO_Eqn_6.12b_nls09	0	14.0	-2.0	0.1	11.0	0.1	12.0
B410	25	GEO_Eqn_6.12b_nls09	490.91	14.0	1.0	0.1	11.0	0.1	12.0
B410	25	GEO_Eqn_6.12b_nls09	981.82	14.0	4.0	0.1	11.0	0.1	11.0
B410	25	GEO_Eqn_6.12b_nls09	1472.73	14.0	7.0	0.1	11.0	0.1	9.0
B410	25	GEO_Eqn_6.12b_nls09	1963.64	14.0	10.0	0.1	11.0	0.0	5.0
B410	25	GEO_Eqn_6.12b_nls09	2454.55	14.0	13.0	0.1	11.0	0.0	-1.0
B410	25	GEO_Eqn_6.12b_nls09	2945.45	14.0	16.0	0.0	11.0	0.0	-8.0
B410	25	GEO_Eqn_6.12b_nls09	3436.36	14.0	19.0	0.0	11.0	0.0	-17.0
B410	25	GEO_Eqn_6.12b_nls09	3927.27	14.0	22.0	0.0	11.0	-0.1	-27.0
B410	25	GEO_Eqn_6.12b_nls09	4418.18	14.0	25.0	0.0	11.0	-0.1	-38.0
B410	25	GEO_Eqn_6.12b_nls09	4909.09	14.0	28.0	0.0	11.0	-0.1	-51.0
B410	25	GEO_Eqn_6.12b_nls09	5400	14.0	31.0	0.0	11.0	-0.1	-66.0
B410	25	GEO_Eqn_6.12b_nls10	0	14.0	-6.0	0.0	11.0	-0.1	2.0
B410	25	GEO_Eqn_6.12b_nls10	490.91	14.0	-3.0	0.0	11.0	-0.1	5.0
B410	25	GEO_Eqn_6.12b_nls10	981.82	14.0	0.1	0.0	11.0	0.0	5.0
B410	25	GEO_Eqn_6.12b_nls10	1472.73	14.0	3.0	0.0	11.0	0.0	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B410	25	GEO_Eqn_6.12b_nls10	1963.64	14.0	6.0	0.0	11.0	0.0	2.0
B410	25	GEO_Eqn_6.12b_nls10	2454.55	14.0	9.0	0.0	11.0	0.0	-1.0
B410	25	GEO_Eqn_6.12b_nls10	2945.45	14.0	12.0	0.0	11.0	0.0	-7.0
B410	25	GEO_Eqn_6.12b_nls10	3436.36	14.0	15.0	0.0	11.0	0.0	-14.0
B410	25	GEO_Eqn_6.12b_nls10	3927.27	14.0	18.0	0.0	11.0	0.0	-22.0
B410	25	GEO_Eqn_6.12b_nls10	4418.18	14.0	22.0	0.0	11.0	0.0	-32.0
B410	25	GEO_Eqn_6.12b_nls10	4909.09	14.0	25.0	0.0	11.0	0.1	-43.0
B410	25	GEO_Eqn_6.12b_nls10	5400	14.0	28.0	0.0	11.0	0.1	-56.0
B410	25	GEO_Eqn_6.12b_nls11	0	-14.0	-27.0	0.0	13.0	0.1	-19.0
B410	25	GEO_Eqn_6.12b_nls11	490.91	-14.0	-24.0	0.0	13.0	0.1	-6.0
B410	25	GEO_Eqn_6.12b_nls11	981.82	-14.0	-21.0	0.0	13.0	0.0	5.0
B410	25	GEO_Eqn_6.12b_nls11	1472.73	-14.0	-18.0	0.0	13.0	0.0	14.0
B410	25	GEO_Eqn_6.12b_nls11	1963.64	-14.0	-15.0	0.0	13.0	0.0	23.0
B410	25	GEO_Eqn_6.12b_nls11	2454.55	-14.0	-12.0	0.0	13.0	0.0	29.0
B410	25	GEO_Eqn_6.12b_nls11	2945.45	-14.0	-9.0	0.0	13.0	0.0	34.0
B410	25	GEO_Eqn_6.12b_nls11	3436.36	-14.0	-6.0	0.0	13.0	0.0	38.0
B410	25	GEO_Eqn_6.12b_nls11	3927.27	-14.0	-3.0	0.0	13.0	0.0	40.0
B410	25	GEO_Eqn_6.12b_nls11	4418.18	-14.0	0.4	0.0	13.0	0.0	40.0
B410	25	GEO_Eqn_6.12b_nls11	4909.09	-14.0	3.0	0.0	13.0	0.0	39.0
B410	25	GEO_Eqn_6.12b_nls11	5400	-14.0	7.0	0.0	13.0	0.0	37.0
B410	25	GEO_Eqn_6.12b_nls12	0	-14.0	-31.0	0.0	13.0	-0.1	-28.0
B410	25	GEO_Eqn_6.12b_nls12	490.91	-14.0	-28.0	0.0	13.0	-0.1	-13.0
B410	25	GEO_Eqn_6.12b_nls12	981.82	-14.0	-25.0	0.0	13.0	-0.1	-0.3
B410	25	GEO_Eqn_6.12b_nls12	1472.73	-14.0	-22.0	0.0	13.0	-0.1	11.0
B410	25	GEO_Eqn_6.12b_nls12	1963.64	-14.0	-19.0	-0.1	13.0	0.0	21.0
B410	25	GEO_Eqn_6.12b_nls12	2454.55	-14.0	-16.0	-0.1	13.0	0.0	30.0
B410	25	GEO_Eqn_6.12b_nls12	2945.45	-14.0	-13.0	-0.1	13.0	0.0	37.0
B410	25	GEO_Eqn_6.12b_nls12	3436.36	-14.0	-10.0	-0.1	13.0	0.0	42.0
B410	25	GEO_Eqn_6.12b_nls12	3927.27	-14.0	-7.0	-0.1	13.0	0.1	46.0
B410	25	GEO_Eqn_6.12b_nls12	4418.18	-14.0	-3.0	-0.1	13.0	0.1	48.0
B410	25	GEO_Eqn_6.12b_nls12	4909.09	-14.0	-0.4	-0.1	13.0	0.1	49.0
B410	25	GEO_Eqn_6.12b_nls12	5400	-14.0	3.0	-0.1	13.0	0.1	49.0
B410	25	GEO_Eqn_6.12b_nls13	0	13.0	-5.0	0.0	12.0	0.1	6.0
B410	25	GEO_Eqn_6.12b_nls13	490.91	13.0	-2.0	0.0	12.0	0.1	8.0
B410	25	GEO_Eqn_6.12b_nls13	981.82	13.0	1.0	0.0	12.0	0.1	8.0
B410	25	GEO_Eqn_6.12b_nls13	1472.73	13.0	4.0	0.0	12.0	0.0	7.0
B410	25	GEO_Eqn_6.12b_nls13	1963.64	13.0	7.0	0.0	12.0	0.0	4.0
B410	25	GEO_Eqn_6.12b_nls13	2454.55	13.0	10.0	0.0	12.0	0.0	0.0
B410	25	GEO_Eqn_6.12b_nls13	2945.45	13.0	13.0	0.0	12.0	0.0	-6.0
B410	25	GEO_Eqn_6.12b_nls13	3436.36	13.0	16.0	0.0	12.0	0.0	-13.0
B410	25	GEO_Eqn_6.12b_nls13	3927.27	13.0	19.0	0.0	12.0	0.0	-22.0
B410	25	GEO_Eqn_6.12b_nls13	4418.18	13.0	23.0	0.0	12.0	0.0	-32.0
B410	25	GEO_Eqn_6.12b_nls13	4909.09	13.0	26.0	0.0	12.0	-0.1	-44.0
B410	25	GEO_Eqn_6.12b_nls13	5400	13.0	29.0	0.0	12.0	-0.1	-57.0
B410	25	GEO_Eqn_6.12b_nls14	0	13.0	-9.0	0.0	12.0	-0.1	-3.0
B410	25	GEO_Eqn_6.12b_nls14	490.91	13.0	-5.0	0.0	12.0	-0.1	1.0
B410	25	GEO_Eqn_6.12b_nls14	981.82	13.0	-2.0	0.0	12.0	-0.1	3.0
B410	25	GEO_Eqn_6.12b_nls14	1472.73	13.0	1.0	0.0	12.0	-0.1	3.0
B410	25	GEO_Eqn_6.12b_nls14	1963.64	13.0	4.0	0.0	12.0	0.0	2.0
B410	25	GEO_Eqn_6.12b_nls14	2454.55	13.0	7.0	0.0	12.0	0.0	-1.0
B410	25	GEO_Eqn_6.12b_nls14	2945.45	13.0	10.0	0.0	12.0	0.0	-5.0
B410	25	GEO_Eqn_6.12b_nls14	3436.36	13.0	13.0	0.0	12.0	0.0	-10.0
B410	25	GEO_Eqn_6.12b_nls14	3927.27	13.0	16.0	0.0	12.0	0.1	-17.0
B410	25	GEO_Eqn_6.12b_nls14	4418.18	13.0	19.0	0.0	12.0	0.1	-26.0
B410	25	GEO_Eqn_6.12b_nls14	4909.09	13.0	22.0	-0.1	12.0	0.1	-36.0
B410	25	GEO_Eqn_6.12b_nls14	5400	13.0	25.0	-0.1	12.0	0.1	-48.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B410	25	GEO_Eqn_6.12b_nls15	0	-12.0	-25.0	0.1	12.0	0.1	-15.0
B410	25	GEO_Eqn_6.12b_nls15	490.91	-12.0	-22.0	0.0	12.0	0.1	-3.0
B410	25	GEO_Eqn_6.12b_nls15	981.82	-12.0	-19.0	0.0	12.0	0.1	7.0
B410	25	GEO_Eqn_6.12b_nls15	1472.73	-12.0	-16.0	0.0	12.0	0.1	16.0
B410	25	GEO_Eqn_6.12b_nls15	1963.64	-12.0	-13.0	0.0	12.0	0.0	23.0
B410	25	GEO_Eqn_6.12b_nls15	2454.55	-12.0	-10.0	0.0	12.0	0.0	28.0
B410	25	GEO_Eqn_6.12b_nls15	2945.45	-12.0	-7.0	0.0	12.0	0.0	32.0
B410	25	GEO_Eqn_6.12b_nls15	3436.36	-12.0	-4.0	0.0	12.0	0.0	35.0
B410	25	GEO_Eqn_6.12b_nls15	3927.27	-12.0	-1.0	0.0	12.0	-0.1	36.0
B410	25	GEO_Eqn_6.12b_nls15	4418.18	-12.0	3.0	0.0	12.0	-0.1	35.0
B410	25	GEO_Eqn_6.12b_nls15	4909.09	-12.0	6.0	0.0	12.0	-0.1	33.0
B410	25	GEO_Eqn_6.12b_nls15	5400	-12.0	9.0	0.0	12.0	-0.1	30.0
B410	25	GEO_Eqn_6.12b_nls16	0	-12.0	-29.0	0.0	13.0	-0.1	-24.0
B410	25	GEO_Eqn_6.12b_nls16	490.91	-12.0	-26.0	0.0	13.0	-0.1	-10.0
B410	25	GEO_Eqn_6.12b_nls16	981.82	-12.0	-23.0	0.0	13.0	-0.1	2.0
B410	25	GEO_Eqn_6.12b_nls16	1472.73	-12.0	-20.0	0.0	13.0	0.0	12.0
B410	25	GEO_Eqn_6.12b_nls16	1963.64	-12.0	-17.0	0.0	13.0	0.0	21.0
B410	25	GEO_Eqn_6.12b_nls16	2454.55	-12.0	-14.0	0.0	13.0	0.0	29.0
B410	25	GEO_Eqn_6.12b_nls16	2945.45	-12.0	-11.0	0.0	13.0	0.0	35.0
B410	25	GEO_Eqn_6.12b_nls16	3436.36	-12.0	-8.0	0.0	13.0	0.0	40.0
B410	25	GEO_Eqn_6.12b_nls16	3927.27	-12.0	-5.0	0.0	13.0	0.0	43.0
B410	25	GEO_Eqn_6.12b_nls16	4418.18	-12.0	-2.0	0.0	13.0	0.0	44.0
B410	25	GEO_Eqn_6.12b_nls16	4909.09	-12.0	1.0	0.0	13.0	0.1	44.0
B410	25	GEO_Eqn_6.12b_nls16	5400	-12.0	4.0	0.0	13.0	0.1	43.0
B411	49	GEO_Eqn_6.12b_nls01	0	3.0	-14.0	0.1	3.0	0.3	-6.0
B411	49	GEO_Eqn_6.12b_nls01	490.91	3.0	-11.0	0.1	3.0	0.3	-0.4
B411	49	GEO_Eqn_6.12b_nls01	981.82	3.0	-7.0	0.1	3.0	0.2	4.0
B411	49	GEO_Eqn_6.12b_nls01	1472.73	3.0	-4.0	0.1	3.0	0.1	7.0
B411	49	GEO_Eqn_6.12b_nls01	1963.64	3.0	-1.0	0.1	3.0	0.1	8.0
B411	49	GEO_Eqn_6.12b_nls01	2454.55	3.0	2.0	0.1	3.0	0.0	8.0
B411	49	GEO_Eqn_6.12b_nls01	2945.45	3.0	5.0	0.1	3.0	0.0	7.0
B411	49	GEO_Eqn_6.12b_nls01	3436.36	3.0	8.0	0.1	3.0	-0.1	3.0
B411	49	GEO_Eqn_6.12b_nls01	3927.27	3.0	11.0	0.1	3.0	-0.1	-1.0
B411	49	GEO_Eqn_6.12b_nls01	4418.18	3.0	14.0	0.1	3.0	-0.2	-7.0
B411	49	GEO_Eqn_6.12b_nls01	4909.09	3.0	17.0	0.1	3.0	-0.3	-15.0
B411	49	GEO_Eqn_6.12b_nls01	5400	3.0	20.0	0.1	3.0	-0.3	-24.0
B411	49	GEO_Eqn_6.12b_nls02	0	-1.0	-16.0	0.1	3.0	0.3	-11.0
B411	49	GEO_Eqn_6.12b_nls02	490.91	-1.0	-13.0	0.1	3.0	0.3	-4.0
B411	49	GEO_Eqn_6.12b_nls02	981.82	-1.0	-10.0	0.1	3.0	0.2	2.0
B411	49	GEO_Eqn_6.12b_nls02	1472.73	-1.0	-7.0	0.1	3.0	0.1	6.0
B411	49	GEO_Eqn_6.12b_nls02	1963.64	-1.0	-4.0	0.1	3.0	0.1	9.0
B411	49	GEO_Eqn_6.12b_nls02	2454.55	-1.0	-1.0	0.1	3.0	0.0	11.0
B411	49	GEO_Eqn_6.12b_nls02	2945.45	-1.0	2.0	0.1	3.0	0.0	10.0
B411	49	GEO_Eqn_6.12b_nls02	3436.36	-1.0	5.0	0.1	3.0	-0.1	9.0
B411	49	GEO_Eqn_6.12b_nls02	3927.27	-1.0	8.0	0.1	3.0	-0.1	5.0
B411	49	GEO_Eqn_6.12b_nls02	4418.18	-1.0	11.0	0.1	3.0	-0.2	1.0
B411	49	GEO_Eqn_6.12b_nls02	4909.09	-1.0	14.0	0.1	3.0	-0.3	-5.0
B411	49	GEO_Eqn_6.12b_nls02	5400	-1.0	17.0	0.1	3.0	-0.3	-13.0
B411	49	GEO_Eqn_6.12b_nls03	0	5.0	-14.0	-0.1	-10.0	-0.3	-6.0
B411	49	GEO_Eqn_6.12b_nls03	490.91	5.0	-11.0	-0.1	-10.0	-0.3	-0.1
B411	49	GEO_Eqn_6.12b_nls03	981.82	5.0	-8.0	-0.1	-10.0	-0.2	5.0
B411	49	GEO_Eqn_6.12b_nls03	1472.73	5.0	-5.0	-0.1	-10.0	-0.1	8.0
B411	49	GEO_Eqn_6.12b_nls03	1963.64	5.0	-2.0	-0.1	-10.0	-0.1	9.0
B411	49	GEO_Eqn_6.12b_nls03	2454.55	5.0	1.0	-0.1	-10.0	0.0	9.0
B411	49	GEO_Eqn_6.12b_nls03	2945.45	5.0	4.0	-0.1	-10.0	0.0	8.0
B411	49	GEO_Eqn_6.12b_nls03	3436.36	5.0	7.0	-0.1	-10.0	0.1	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B411	49	GEO_Eqn_6.12b_nls03	3927.27	5.0	10.0	-0.1	-10.0	0.1	1.0
B411	49	GEO_Eqn_6.12b_nls03	4418.18	5.0	14.0	-0.1	-10.0	0.2	-5.0
B411	49	GEO_Eqn_6.12b_nls03	4909.09	5.0	17.0	-0.1	-10.0	0.3	-12.0
B411	49	GEO_Eqn_6.12b_nls03	5400	5.0	20.0	-0.1	-10.0	0.3	-21.0
B411	49	GEO_Eqn_6.12b_nls04	0	-3.0	-20.0	-0.1	-10.0	-0.3	-16.0
B411	49	GEO_Eqn_6.12b_nls04	490.91	-3.0	-17.0	-0.1	-10.0	-0.3	-7.0
B411	49	GEO_Eqn_6.12b_nls04	981.82	-3.0	-14.0	-0.1	-10.0	-0.2	1.0
B411	49	GEO_Eqn_6.12b_nls04	1472.73	-3.0	-11.0	-0.1	-10.0	-0.2	7.0
B411	49	GEO_Eqn_6.12b_nls04	1963.64	-3.0	-8.0	-0.1	-10.0	-0.1	11.0
B411	49	GEO_Eqn_6.12b_nls04	2454.55	-3.0	-5.0	-0.1	-10.0	0.0	15.0
B411	49	GEO_Eqn_6.12b_nls04	2945.45	-3.0	-2.0	-0.1	-10.0	0.0	16.0
B411	49	GEO_Eqn_6.12b_nls04	3436.36	-3.0	1.0	-0.1	-10.0	0.1	16.0
B411	49	GEO_Eqn_6.12b_nls04	3927.27	-3.0	4.0	-0.1	-10.0	0.1	15.0
B411	49	GEO_Eqn_6.12b_nls04	4418.18	-3.0	7.0	-0.1	-10.0	0.2	12.0
B411	49	GEO_Eqn_6.12b_nls04	4909.09	-3.0	10.0	-0.1	-10.0	0.3	8.0
B411	49	GEO_Eqn_6.12b_nls04	5400	-3.0	13.0	-0.1	-10.0	0.3	2.0
B411	49	GEO_Eqn_6.12b_nls05	0	4.0	-13.0	0.1	4.0	0.3	-5.0
B411	49	GEO_Eqn_6.12b_nls05	490.91	4.0	-10.0	0.1	4.0	0.3	1.0
B411	49	GEO_Eqn_6.12b_nls05	981.82	4.0	-7.0	0.1	4.0	0.2	5.0
B411	49	GEO_Eqn_6.12b_nls05	1472.73	4.0	-3.0	0.1	4.0	0.2	7.0
B411	49	GEO_Eqn_6.12b_nls05	1963.64	4.0	-0.4	0.1	4.0	0.1	8.0
B411	49	GEO_Eqn_6.12b_nls05	2454.55	4.0	3.0	0.1	4.0	0.0	8.0
B411	49	GEO_Eqn_6.12b_nls05	2945.45	4.0	6.0	0.1	4.0	0.0	5.0
B411	49	GEO_Eqn_6.12b_nls05	3436.36	4.0	9.0	0.1	4.0	-0.1	2.0
B411	49	GEO_Eqn_6.12b_nls05	3927.27	4.0	12.0	0.1	4.0	-0.2	-3.0
B411	49	GEO_Eqn_6.12b_nls05	4418.18	4.0	15.0	0.1	4.0	-0.2	-10.0
B411	49	GEO_Eqn_6.12b_nls05	4909.09	4.0	18.0	0.1	4.0	-0.3	-18.0
B411	49	GEO_Eqn_6.12b_nls05	5400	4.0	21.0	0.1	4.0	-0.3	-27.0
B411	49	GEO_Eqn_6.12b_nls06	0	-4.0	-18.0	0.1	4.0	0.3	-14.0
B411	49	GEO_Eqn_6.12b_nls06	490.91	-4.0	-15.0	0.1	4.0	0.3	-6.0
B411	49	GEO_Eqn_6.12b_nls06	981.82	-4.0	-12.0	0.1	4.0	0.2	1.0
B411	49	GEO_Eqn_6.12b_nls06	1472.73	-4.0	-9.0	0.1	4.0	0.2	6.0
B411	49	GEO_Eqn_6.12b_nls06	1963.64	-4.0	-6.0	0.1	4.0	0.1	10.0
B411	49	GEO_Eqn_6.12b_nls06	2454.55	-4.0	-3.0	0.1	4.0	0.0	12.0
B411	49	GEO_Eqn_6.12b_nls06	2945.45	-4.0	-0.1	0.1	4.0	0.0	13.0
B411	49	GEO_Eqn_6.12b_nls06	3436.36	-4.0	3.0	0.1	4.0	-0.1	12.0
B411	49	GEO_Eqn_6.12b_nls06	3927.27	-4.0	6.0	0.1	4.0	-0.2	10.0
B411	49	GEO_Eqn_6.12b_nls06	4418.18	-4.0	9.0	0.1	4.0	-0.2	6.0
B411	49	GEO_Eqn_6.12b_nls06	4909.09	-4.0	12.0	0.1	4.0	-0.3	1.0
B411	49	GEO_Eqn_6.12b_nls06	5400	-4.0	15.0	0.1	4.0	-0.3	-6.0
B411	49	GEO_Eqn_6.12b_nls07	0	4.0	-15.0	-0.1	-10.0	-0.3	-8.0
B411	49	GEO_Eqn_6.12b_nls07	490.91	4.0	-12.0	-0.1	-10.0	-0.3	-1.0
B411	49	GEO_Eqn_6.12b_nls07	981.82	4.0	-9.0	-0.1	-10.0	-0.2	4.0
B411	49	GEO_Eqn_6.12b_nls07	1472.73	4.0	-6.0	-0.1	-10.0	-0.2	7.0
B411	49	GEO_Eqn_6.12b_nls07	1963.64	4.0	-3.0	-0.1	-10.0	-0.1	10.0
B411	49	GEO_Eqn_6.12b_nls07	2454.55	4.0	0.3	-0.1	-10.0	0.0	10.0
B411	49	GEO_Eqn_6.12b_nls07	2945.45	4.0	3.0	-0.1	-10.0	0.0	9.0
B411	49	GEO_Eqn_6.12b_nls07	3436.36	4.0	6.0	-0.1	-10.0	0.1	7.0
B411	49	GEO_Eqn_6.12b_nls07	3927.27	4.0	10.0	-0.1	-10.0	0.2	3.0
B411	49	GEO_Eqn_6.12b_nls07	4418.18	4.0	13.0	-0.1	-10.0	0.2	-3.0
B411	49	GEO_Eqn_6.12b_nls07	4909.09	4.0	16.0	-0.1	-10.0	0.3	-9.0
B411	49	GEO_Eqn_6.12b_nls07	5400	4.0	19.0	-0.1	-10.0	0.4	-18.0
B411	49	GEO_Eqn_6.12b_nls08	0	-4.0	-21.0	-0.1	-10.0	-0.3	-18.0
B411	49	GEO_Eqn_6.12b_nls08	490.91	-4.0	-18.0	-0.1	-10.0	-0.3	-8.0
B411	49	GEO_Eqn_6.12b_nls08	981.82	-4.0	-15.0	-0.1	-10.0	-0.2	-0.1
B411	49	GEO_Eqn_6.12b_nls08	1472.73	-4.0	-12.0	-0.1	-10.0	-0.2	6.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B411	49	GEO_Eqn_6.12b_nls08	1963.64	-4.0	-9.0	-0.1	-10.0	-0.1	12.0
B411	49	GEO_Eqn_6.12b_nls08	2454.55	-4.0	-6.0	-0.1	-10.0	0.0	15.0
B411	49	GEO_Eqn_6.12b_nls08	2945.45	-4.0	-3.0	-0.1	-10.0	0.0	17.0
B411	49	GEO_Eqn_6.12b_nls08	3436.36	-4.0	0.3	-0.1	-10.0	0.1	18.0
B411	49	GEO_Eqn_6.12b_nls08	3927.27	-4.0	3.0	-0.1	-10.0	0.2	17.0
B411	49	GEO_Eqn_6.12b_nls08	4418.18	-4.0	6.0	-0.1	-10.0	0.2	15.0
B411	49	GEO_Eqn_6.12b_nls08	4909.09	-4.0	9.0	-0.1	-10.0	0.3	11.0
B411	49	GEO_Eqn_6.12b_nls08	5400	-4.0	13.0	-0.1	-10.0	0.4	5.0
B411	49	GEO_Eqn_6.12b_nls09	0	15.0	-6.0	0.1	-1.0	0.1	6.0
B411	49	GEO_Eqn_6.12b_nls09	490.91	15.0	-3.0	0.1	-1.0	0.1	8.0
B411	49	GEO_Eqn_6.12b_nls09	981.82	15.0	-0.2	0.1	-1.0	0.1	9.0
B411	49	GEO_Eqn_6.12b_nls09	1472.73	15.0	3.0	0.1	-1.0	0.1	9.0
B411	49	GEO_Eqn_6.12b_nls09	1963.64	15.0	6.0	0.1	-1.0	0.0	6.0
B411	49	GEO_Eqn_6.12b_nls09	2454.55	15.0	9.0	0.1	-1.0	0.0	3.0
B411	49	GEO_Eqn_6.12b_nls09	2945.45	15.0	12.0	0.0	-1.0	0.0	-3.0
B411	49	GEO_Eqn_6.12b_nls09	3436.36	15.0	15.0	0.0	-1.0	0.0	-9.0
B411	49	GEO_Eqn_6.12b_nls09	3927.27	15.0	18.0	0.0	-1.0	-0.1	-17.0
B411	49	GEO_Eqn_6.12b_nls09	4418.18	15.0	21.0	0.0	-1.0	-0.1	-27.0
B411	49	GEO_Eqn_6.12b_nls09	4909.09	15.0	24.0	0.0	-1.0	-0.1	-38.0
B411	49	GEO_Eqn_6.12b_nls09	5400	15.0	27.0	0.0	-1.0	-0.1	-51.0
B411	49	GEO_Eqn_6.12b_nls10	0	15.0	-6.0	0.0	-5.0	-0.1	6.0
B411	49	GEO_Eqn_6.12b_nls10	490.91	15.0	-3.0	0.0	-5.0	-0.1	8.0
B411	49	GEO_Eqn_6.12b_nls10	981.82	15.0	-0.3	0.0	-5.0	0.0	9.0
B411	49	GEO_Eqn_6.12b_nls10	1472.73	15.0	3.0	0.0	-5.0	0.0	9.0
B411	49	GEO_Eqn_6.12b_nls10	1963.64	15.0	6.0	0.0	-5.0	0.0	7.0
B411	49	GEO_Eqn_6.12b_nls10	2454.55	15.0	9.0	0.0	-5.0	0.0	3.0
B411	49	GEO_Eqn_6.12b_nls10	2945.45	15.0	12.0	0.0	-5.0	0.0	-2.0
B411	49	GEO_Eqn_6.12b_nls10	3436.36	15.0	15.0	0.0	-5.0	0.0	-9.0
B411	49	GEO_Eqn_6.12b_nls10	3927.27	15.0	18.0	0.0	-5.0	0.0	-17.0
B411	49	GEO_Eqn_6.12b_nls10	4418.18	15.0	21.0	0.0	-5.0	0.0	-27.0
B411	49	GEO_Eqn_6.12b_nls10	4909.09	15.0	24.0	0.0	-5.0	0.1	-38.0
B411	49	GEO_Eqn_6.12b_nls10	5400	15.0	27.0	0.0	-5.0	0.1	-50.0
B411	49	GEO_Eqn_6.12b_nls11	0	-14.0	-28.0	0.0	-1.0	0.1	-29.0
B411	49	GEO_Eqn_6.12b_nls11	490.91	-14.0	-25.0	0.0	-1.0	0.1	-16.0
B411	49	GEO_Eqn_6.12b_nls11	981.82	-14.0	-22.0	0.0	-1.0	0.0	-5.0
B411	49	GEO_Eqn_6.12b_nls11	1472.73	-14.0	-19.0	0.0	-1.0	0.0	5.0
B411	49	GEO_Eqn_6.12b_nls11	1963.64	-14.0	-16.0	0.0	-1.0	0.0	13.0
B411	49	GEO_Eqn_6.12b_nls11	2454.55	-14.0	-13.0	0.0	-1.0	0.0	20.0
B411	49	GEO_Eqn_6.12b_nls11	2945.45	-14.0	-9.0	0.0	-1.0	0.0	26.0
B411	49	GEO_Eqn_6.12b_nls11	3436.36	-14.0	-6.0	0.0	-1.0	0.0	30.0
B411	49	GEO_Eqn_6.12b_nls11	3927.27	-14.0	-3.0	0.0	-1.0	0.0	32.0
B411	49	GEO_Eqn_6.12b_nls11	4418.18	-14.0	-0.2	0.0	-1.0	0.0	33.0
B411	49	GEO_Eqn_6.12b_nls11	4909.09	-14.0	3.0	0.0	-1.0	0.0	32.0
B411	49	GEO_Eqn_6.12b_nls11	5400	-14.0	6.0	0.0	-1.0	0.0	30.0
B411	49	GEO_Eqn_6.12b_nls12	0	-14.0	-29.0	0.0	-6.0	-0.1	-30.0
B411	49	GEO_Eqn_6.12b_nls12	490.91	-14.0	-26.0	0.0	-6.0	-0.1	-17.0
B411	49	GEO_Eqn_6.12b_nls12	981.82	-14.0	-22.0	0.0	-6.0	-0.1	-5.0
B411	49	GEO_Eqn_6.12b_nls12	1472.73	-14.0	-19.0	0.0	-6.0	-0.1	5.0
B411	49	GEO_Eqn_6.12b_nls12	1963.64	-14.0	-16.0	-0.1	-6.0	0.0	14.0
B411	49	GEO_Eqn_6.12b_nls12	2454.55	-14.0	-13.0	-0.1	-6.0	0.0	21.0
B411	49	GEO_Eqn_6.12b_nls12	2945.45	-14.0	-10.0	-0.1	-6.0	0.0	27.0
B411	49	GEO_Eqn_6.12b_nls12	3436.36	-14.0	-7.0	-0.1	-6.0	0.0	31.0
B411	49	GEO_Eqn_6.12b_nls12	3927.27	-14.0	-4.0	-0.1	-6.0	0.1	34.0
B411	49	GEO_Eqn_6.12b_nls12	4418.18	-14.0	-1.0	-0.1	-6.0	0.1	35.0
B411	49	GEO_Eqn_6.12b_nls12	4909.09	-14.0	2.0	-0.1	-6.0	0.1	35.0
B411	49	GEO_Eqn_6.12b_nls12	5400	-14.0	5.0	-0.1	-6.0	0.1	33.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B411	49	GEO_Eqn_6.12b_nls13	0	12.0	-9.0	0.0	-2.0	0.1	2.0
B411	49	GEO_Eqn_6.12b_nls13	490.91	12.0	-6.0	0.0	-2.0	0.1	5.0
B411	49	GEO_Eqn_6.12b_nls13	981.82	12.0	-3.0	0.0	-2.0	0.1	7.0
B411	49	GEO_Eqn_6.12b_nls13	1472.73	12.0	0.4	0.0	-2.0	0.0	8.0
B411	49	GEO_Eqn_6.12b_nls13	1963.64	12.0	3.0	0.0	-2.0	0.0	7.0
B411	49	GEO_Eqn_6.12b_nls13	2454.55	12.0	6.0	0.0	-2.0	0.0	4.0
B411	49	GEO_Eqn_6.12b_nls13	2945.45	12.0	10.0	0.0	-2.0	0.0	0.5
B411	49	GEO_Eqn_6.12b_nls13	3436.36	12.0	13.0	0.0	-2.0	0.0	-5.0
B411	49	GEO_Eqn_6.12b_nls13	3927.27	12.0	16.0	0.0	-2.0	0.0	-12.0
B411	49	GEO_Eqn_6.12b_nls13	4418.18	12.0	19.0	0.0	-2.0	0.0	-20.0
B411	49	GEO_Eqn_6.12b_nls13	4909.09	12.0	22.0	0.0	-2.0	-0.1	-30.0
B411	49	GEO_Eqn_6.12b_nls13	5400	12.0	25.0	0.0	-2.0	-0.1	-42.0
B411	49	GEO_Eqn_6.12b_nls14	0	13.0	-9.0	0.0	-6.0	-0.1	2.0
B411	49	GEO_Eqn_6.12b_nls14	490.91	13.0	-6.0	0.0	-6.0	-0.1	5.0
B411	49	GEO_Eqn_6.12b_nls14	981.82	13.0	-3.0	0.0	-6.0	-0.1	7.0
B411	49	GEO_Eqn_6.12b_nls14	1472.73	13.0	0.4	0.0	-6.0	-0.1	8.0
B411	49	GEO_Eqn_6.12b_nls14	1963.64	13.0	3.0	0.0	-6.0	0.0	7.0
B411	49	GEO_Eqn_6.12b_nls14	2454.55	13.0	7.0	0.0	-6.0	0.0	5.0
B411	49	GEO_Eqn_6.12b_nls14	2945.45	13.0	10.0	0.0	-6.0	0.0	1.0
B411	49	GEO_Eqn_6.12b_nls14	3436.36	13.0	13.0	0.0	-6.0	0.0	-5.0
B411	49	GEO_Eqn_6.12b_nls14	3927.27	13.0	16.0	0.0	-6.0	0.1	-12.0
B411	49	GEO_Eqn_6.12b_nls14	4418.18	13.0	19.0	0.0	-6.0	0.1	-20.0
B411	49	GEO_Eqn_6.12b_nls14	4909.09	13.0	22.0	-0.1	-6.0	0.1	-30.0
B411	49	GEO_Eqn_6.12b_nls14	5400	13.0	25.0	-0.1	-6.0	0.1	-42.0
B411	49	GEO_Eqn_6.12b_nls15	0	-12.0	-26.0	0.1	-1.0	0.1	-25.0
B411	49	GEO_Eqn_6.12b_nls15	490.91	-12.0	-22.0	0.0	-1.0	0.1	-14.0
B411	49	GEO_Eqn_6.12b_nls15	981.82	-12.0	-19.0	0.0	-1.0	0.1	-3.0
B411	49	GEO_Eqn_6.12b_nls15	1472.73	-12.0	-16.0	0.0	-1.0	0.1	5.0
B411	49	GEO_Eqn_6.12b_nls15	1963.64	-12.0	-13.0	0.0	-1.0	0.0	13.0
B411	49	GEO_Eqn_6.12b_nls15	2454.55	-12.0	-10.0	0.0	-1.0	0.0	19.0
B411	49	GEO_Eqn_6.12b_nls15	2945.45	-12.0	-7.0	0.0	-1.0	0.0	23.0
B411	49	GEO_Eqn_6.12b_nls15	3436.36	-12.0	-4.0	0.0	-1.0	0.0	26.0
B411	49	GEO_Eqn_6.12b_nls15	3927.27	-12.0	-1.0	0.0	-1.0	-0.1	27.0
B411	49	GEO_Eqn_6.12b_nls15	4418.18	-12.0	2.0	0.0	-1.0	-0.1	27.0
B411	49	GEO_Eqn_6.12b_nls15	4909.09	-12.0	5.0	0.0	-1.0	-0.1	25.0
B411	49	GEO_Eqn_6.12b_nls15	5400	-12.0	8.0	0.0	-1.0	-0.1	22.0
B411	49	GEO_Eqn_6.12b_nls16	0	-12.0	-27.0	0.0	-5.0	-0.1	-27.0
B411	49	GEO_Eqn_6.12b_nls16	490.91	-12.0	-23.0	0.0	-5.0	-0.1	-15.0
B411	49	GEO_Eqn_6.12b_nls16	981.82	-12.0	-20.0	0.0	-5.0	-0.1	-4.0
B411	49	GEO_Eqn_6.12b_nls16	1472.73	-12.0	-17.0	0.0	-5.0	0.0	6.0
B411	49	GEO_Eqn_6.12b_nls16	1963.64	-12.0	-14.0	0.0	-5.0	0.0	13.0
B411	49	GEO_Eqn_6.12b_nls16	2454.55	-12.0	-11.0	0.0	-5.0	0.0	20.0
B411	49	GEO_Eqn_6.12b_nls16	2945.45	-12.0	-8.0	0.0	-5.0	0.0	24.0
B411	49	GEO_Eqn_6.12b_nls16	3436.36	-12.0	-5.0	0.0	-5.0	0.0	28.0
B411	49	GEO_Eqn_6.12b_nls16	3927.27	-12.0	-2.0	0.0	-5.0	0.0	29.0
B411	49	GEO_Eqn_6.12b_nls16	4418.18	-12.0	1.0	0.0	-5.0	0.0	30.0
B411	49	GEO_Eqn_6.12b_nls16	4909.09	-12.0	4.0	0.0	-5.0	0.1	28.0
B411	49	GEO_Eqn_6.12b_nls16	5400	-12.0	7.0	0.0	-5.0	0.1	26.0
B412	654	GEO_Eqn_6.12b_nls01	0	3.0	-25.0	0.1	7.0	0.3	-31.0
B412	654	GEO_Eqn_6.12b_nls01	490.91	3.0	-22.0	0.1	7.0	0.3	-19.0
B412	654	GEO_Eqn_6.12b_nls01	981.82	3.0	-19.0	0.1	7.0	0.2	-9.0
B412	654	GEO_Eqn_6.12b_nls01	1472.73	3.0	-16.0	0.1	7.0	0.1	0.1
B412	654	GEO_Eqn_6.12b_nls01	1963.64	3.0	-13.0	0.1	7.0	0.1	7.0
B412	654	GEO_Eqn_6.12b_nls01	2454.55	3.0	-10.0	0.1	7.0	0.0	13.0
B412	654	GEO_Eqn_6.12b_nls01	2945.45	3.0	-7.0	0.1	7.0	0.0	17.0
B412	654	GEO_Eqn_6.12b_nls01	3436.36	3.0	-4.0	0.1	7.0	-0.1	20.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B412	654	GEO_Eqn_6.12b_nls01	3927.27	3.0	-1.0	0.1	7.0	-0.1	21.0
B412	654	GEO_Eqn_6.12b_nls01	4418.18	3.0	2.0	0.1	7.0	-0.2	21.0
B412	654	GEO_Eqn_6.12b_nls01	4909.09	3.0	5.0	0.1	7.0	-0.3	19.0
B412	654	GEO_Eqn_6.12b_nls01	5400	3.0	8.0	0.1	7.0	-0.3	16.0
B412	654	GEO_Eqn_6.12b_nls02	0	-1.0	-31.0	0.1	8.0	0.3	-44.0
B412	654	GEO_Eqn_6.12b_nls02	490.91	-1.0	-28.0	0.1	8.0	0.3	-30.0
B412	654	GEO_Eqn_6.12b_nls02	981.82	-1.0	-25.0	0.1	8.0	0.2	-16.0
B412	654	GEO_Eqn_6.12b_nls02	1472.73	-1.0	-22.0	0.1	8.0	0.1	-5.0
B412	654	GEO_Eqn_6.12b_nls02	1963.64	-1.0	-19.0	0.1	8.0	0.1	5.0
B412	654	GEO_Eqn_6.12b_nls02	2454.55	-1.0	-16.0	0.1	8.0	0.0	14.0
B412	654	GEO_Eqn_6.12b_nls02	2945.45	-1.0	-13.0	0.1	8.0	0.0	21.0
B412	654	GEO_Eqn_6.12b_nls02	3436.36	-1.0	-10.0	0.1	8.0	-0.1	27.0
B412	654	GEO_Eqn_6.12b_nls02	3927.27	-1.0	-7.0	0.1	8.0	-0.1	31.0
B412	654	GEO_Eqn_6.12b_nls02	4418.18	-1.0	-4.0	0.1	8.0	-0.2	33.0
B412	654	GEO_Eqn_6.12b_nls02	4909.09	-1.0	-1.0	0.1	8.0	-0.3	34.0
B412	654	GEO_Eqn_6.12b_nls02	5400	-1.0	2.0	0.1	8.0	-0.3	34.0
B412	654	GEO_Eqn_6.12b_nls03	0	5.0	-10.0	-0.1	-6.0	-0.3	1.0
B412	654	GEO_Eqn_6.12b_nls03	490.91	5.0	-7.0	-0.1	-6.0	-0.3	5.0
B412	654	GEO_Eqn_6.12b_nls03	981.82	5.0	-4.0	-0.1	-6.0	-0.2	7.0
B412	654	GEO_Eqn_6.12b_nls03	1472.73	5.0	-1.0	-0.1	-6.0	-0.1	8.0
B412	654	GEO_Eqn_6.12b_nls03	1963.64	5.0	3.0	-0.1	-6.0	-0.1	8.0
B412	654	GEO_Eqn_6.12b_nls03	2454.55	5.0	6.0	-0.1	-6.0	0.0	6.0
B412	654	GEO_Eqn_6.12b_nls03	2945.45	5.0	9.0	-0.1	-6.0	0.0	2.0
B412	654	GEO_Eqn_6.12b_nls03	3436.36	5.0	12.0	-0.1	-6.0	0.1	-3.0
B412	654	GEO_Eqn_6.12b_nls03	3927.27	5.0	15.0	-0.1	-6.0	0.1	-9.0
B412	654	GEO_Eqn_6.12b_nls03	4418.18	5.0	18.0	-0.1	-6.0	0.2	-17.0
B412	654	GEO_Eqn_6.12b_nls03	4909.09	5.0	21.0	-0.1	-6.0	0.3	-27.0
B412	654	GEO_Eqn_6.12b_nls03	5400	5.0	24.0	-0.1	-6.0	0.3	-38.0
B412	654	GEO_Eqn_6.12b_nls04	0	-3.0	-22.0	-0.1	-3.0	-0.3	-27.0
B412	654	GEO_Eqn_6.12b_nls04	490.91	-3.0	-19.0	-0.1	-3.0	-0.3	-17.0
B412	654	GEO_Eqn_6.12b_nls04	981.82	-3.0	-16.0	-0.1	-3.0	-0.2	-9.0
B412	654	GEO_Eqn_6.12b_nls04	1472.73	-3.0	-13.0	-0.1	-3.0	-0.2	-2.0
B412	654	GEO_Eqn_6.12b_nls04	1963.64	-3.0	-10.0	-0.1	-3.0	-0.1	4.0
B412	654	GEO_Eqn_6.12b_nls04	2454.55	-3.0	-6.0	-0.1	-3.0	0.0	8.0
B412	654	GEO_Eqn_6.12b_nls04	2945.45	-3.0	-3.0	-0.1	-3.0	0.0	10.0
B412	654	GEO_Eqn_6.12b_nls04	3436.36	-3.0	-0.3	-0.1	-3.0	0.1	11.0
B412	654	GEO_Eqn_6.12b_nls04	3927.27	-3.0	3.0	-0.1	-3.0	0.1	10.0
B412	654	GEO_Eqn_6.12b_nls04	4418.18	-3.0	6.0	-0.1	-3.0	0.2	8.0
B412	654	GEO_Eqn_6.12b_nls04	4909.09	-3.0	9.0	-0.1	-3.0	0.3	5.0
B412	654	GEO_Eqn_6.12b_nls04	5400	-3.0	12.0	-0.1	-3.0	0.3	-0.4
B412	654	GEO_Eqn_6.12b_nls05	0	4.0	-24.0	0.1	7.0	0.3	-26.0
B412	654	GEO_Eqn_6.12b_nls05	490.91	4.0	-21.0	0.1	7.0	0.3	-16.0
B412	654	GEO_Eqn_6.12b_nls05	981.82	4.0	-18.0	0.1	7.0	0.2	-6.0
B412	654	GEO_Eqn_6.12b_nls05	1472.73	4.0	-14.0	0.1	7.0	0.2	2.0
B412	654	GEO_Eqn_6.12b_nls05	1963.64	4.0	-11.0	0.1	7.0	0.1	8.0
B412	654	GEO_Eqn_6.12b_nls05	2454.55	4.0	-8.0	0.1	7.0	0.0	13.0
B412	654	GEO_Eqn_6.12b_nls05	2945.45	4.0	-5.0	0.1	7.0	0.0	16.0
B412	654	GEO_Eqn_6.12b_nls05	3436.36	4.0	-2.0	0.1	7.0	-0.1	18.0
B412	654	GEO_Eqn_6.12b_nls05	3927.27	4.0	1.0	0.1	7.0	-0.2	18.0
B412	654	GEO_Eqn_6.12b_nls05	4418.18	4.0	4.0	0.1	7.0	-0.2	17.0
B412	654	GEO_Eqn_6.12b_nls05	4909.09	4.0	7.0	0.1	7.0	-0.3	15.0
B412	654	GEO_Eqn_6.12b_nls05	5400	4.0	10.0	0.1	7.0	-0.3	10.0
B412	654	GEO_Eqn_6.12b_nls06	0	-4.0	-35.0	0.1	9.0	0.3	-53.0
B412	654	GEO_Eqn_6.12b_nls06	490.91	-4.0	-32.0	0.1	9.0	0.3	-37.0
B412	654	GEO_Eqn_6.12b_nls06	981.82	-4.0	-29.0	0.1	9.0	0.2	-22.0
B412	654	GEO_Eqn_6.12b_nls06	1472.73	-4.0	-26.0	0.1	9.0	0.2	-8.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B412	654	GEO_Eqn_6.12b_nls06	1963.64	-4.0	-23.0	0.1	9.0	0.1	4.0
B412	654	GEO_Eqn_6.12b_nls06	2454.55	-4.0	-20.0	0.1	9.0	0.0	15.0
B412	654	GEO_Eqn_6.12b_nls06	2945.45	-4.0	-17.0	0.1	9.0	0.0	24.0
B412	654	GEO_Eqn_6.12b_nls06	3436.36	-4.0	-14.0	0.1	9.0	-0.1	31.0
B412	654	GEO_Eqn_6.12b_nls06	3927.27	-4.0	-11.0	0.1	9.0	-0.2	37.0
B412	654	GEO_Eqn_6.12b_nls06	4418.18	-4.0	-8.0	0.1	9.0	-0.2	42.0
B412	654	GEO_Eqn_6.12b_nls06	4909.09	-4.0	-5.0	0.1	9.0	-0.3	45.0
B412	654	GEO_Eqn_6.12b_nls06	5400	-4.0	-2.0	0.1	9.0	-0.3	47.0
B412	654	GEO_Eqn_6.12b_nls07	0	4.0	-12.0	-0.1	-5.0	-0.3	-4.0
B412	654	GEO_Eqn_6.12b_nls07	490.91	4.0	-9.0	-0.1	-5.0	-0.3	1.0
B412	654	GEO_Eqn_6.12b_nls07	981.82	4.0	-6.0	-0.1	-5.0	-0.2	5.0
B412	654	GEO_Eqn_6.12b_nls07	1472.73	4.0	-3.0	-0.1	-5.0	-0.2	7.0
B412	654	GEO_Eqn_6.12b_nls07	1963.64	4.0	0.4	-0.1	-5.0	-0.1	7.0
B412	654	GEO_Eqn_6.12b_nls07	2454.55	4.0	4.0	-0.1	-5.0	0.0	6.0
B412	654	GEO_Eqn_6.12b_nls07	2945.45	4.0	7.0	-0.1	-5.0	0.0	4.0
B412	654	GEO_Eqn_6.12b_nls07	3436.36	4.0	10.0	-0.1	-5.0	0.1	-0.2
B412	654	GEO_Eqn_6.12b_nls07	3927.27	4.0	13.0	-0.1	-5.0	0.2	-6.0
B412	654	GEO_Eqn_6.12b_nls07	4418.18	4.0	16.0	-0.1	-5.0	0.2	-13.0
B412	654	GEO_Eqn_6.12b_nls07	4909.09	4.0	19.0	-0.1	-5.0	0.3	-21.0
B412	654	GEO_Eqn_6.12b_nls07	5400	4.0	22.0	-0.1	-5.0	0.4	-31.0
B412	654	GEO_Eqn_6.12b_nls08	0	-4.0	-24.0	-0.1	-3.0	-0.3	-31.0
B412	654	GEO_Eqn_6.12b_nls08	490.91	-4.0	-21.0	-0.1	-3.0	-0.3	-21.0
B412	654	GEO_Eqn_6.12b_nls08	981.82	-4.0	-18.0	-0.1	-3.0	-0.2	-11.0
B412	654	GEO_Eqn_6.12b_nls08	1472.73	-4.0	-15.0	-0.1	-3.0	-0.2	-3.0
B412	654	GEO_Eqn_6.12b_nls08	1963.64	-4.0	-11.0	-0.1	-3.0	-0.1	3.0
B412	654	GEO_Eqn_6.12b_nls08	2454.55	-4.0	-8.0	-0.1	-3.0	0.0	8.0
B412	654	GEO_Eqn_6.12b_nls08	2945.45	-4.0	-5.0	-0.1	-3.0	0.0	11.0
B412	654	GEO_Eqn_6.12b_nls08	3436.36	-4.0	-2.0	-0.1	-3.0	0.1	13.0
B412	654	GEO_Eqn_6.12b_nls08	3927.27	-4.0	1.0	-0.1	-3.0	0.2	14.0
B412	654	GEO_Eqn_6.12b_nls08	4418.18	-4.0	4.0	-0.1	-3.0	0.2	12.0
B412	654	GEO_Eqn_6.12b_nls08	4909.09	-4.0	7.0	-0.1	-3.0	0.3	10.0
B412	654	GEO_Eqn_6.12b_nls08	5400	-4.0	10.0	-0.1	-3.0	0.4	6.0
B412	654	GEO_Eqn_6.12b_nls09	0	15.0	-5.0	0.1	-0.5	0.1	16.0
B412	654	GEO_Eqn_6.12b_nls09	490.91	15.0	-2.0	0.1	-0.5	0.1	18.0
B412	654	GEO_Eqn_6.12b_nls09	981.82	15.0	2.0	0.1	-0.5	0.1	18.0
B412	654	GEO_Eqn_6.12b_nls09	1472.73	15.0	5.0	0.1	-0.5	0.1	16.0
B412	654	GEO_Eqn_6.12b_nls09	1963.64	15.0	8.0	0.1	-0.5	0.0	13.0
B412	654	GEO_Eqn_6.12b_nls09	2454.55	15.0	11.0	0.1	-0.5	0.0	9.0
B412	654	GEO_Eqn_6.12b_nls09	2945.45	15.0	14.0	0.0	-0.5	0.0	3.0
B412	654	GEO_Eqn_6.12b_nls09	3436.36	15.0	17.0	0.0	-0.5	0.0	-5.0
B412	654	GEO_Eqn_6.12b_nls09	3927.27	15.0	20.0	0.0	-0.5	-0.1	-14.0
B412	654	GEO_Eqn_6.12b_nls09	4418.18	15.0	23.0	0.0	-0.5	-0.1	-25.0
B412	654	GEO_Eqn_6.12b_nls09	4909.09	15.0	26.0	0.0	-0.5	-0.1	-37.0
B412	654	GEO_Eqn_6.12b_nls09	5400	15.0	29.0	0.0	-0.5	-0.1	-50.0
B412	654	GEO_Eqn_6.12b_nls10	0	16.0	-0.1	0.0	-4.0	-0.1	25.0
B412	654	GEO_Eqn_6.12b_nls10	490.91	16.0	3.0	0.0	-4.0	-0.1	24.0
B412	654	GEO_Eqn_6.12b_nls10	981.82	16.0	6.0	0.0	-4.0	0.0	22.0
B412	654	GEO_Eqn_6.12b_nls10	1472.73	16.0	9.0	0.0	-4.0	0.0	18.0
B412	654	GEO_Eqn_6.12b_nls10	1963.64	16.0	12.0	0.0	-4.0	0.0	13.0
B412	654	GEO_Eqn_6.12b_nls10	2454.55	16.0	15.0	0.0	-4.0	0.0	7.0
B412	654	GEO_Eqn_6.12b_nls10	2945.45	16.0	18.0	0.0	-4.0	0.0	-2.0
B412	654	GEO_Eqn_6.12b_nls10	3436.36	16.0	21.0	0.0	-4.0	0.0	-11.0
B412	654	GEO_Eqn_6.12b_nls10	3927.27	16.0	24.0	0.0	-4.0	0.0	-23.0
B412	654	GEO_Eqn_6.12b_nls10	4418.18	16.0	27.0	0.0	-4.0	0.0	-35.0
B412	654	GEO_Eqn_6.12b_nls10	4909.09	16.0	31.0	0.0	-4.0	0.1	-50.0
B412	654	GEO_Eqn_6.12b_nls10	5400	16.0	34.0	0.0	-4.0	0.1	-65.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B412	654	GEO_Eqn_6.12b_nls11	0	-15.0	-48.0	0.0	8.0	0.1	-83.0
B412	654	GEO_Eqn_6.12b_nls11	490.91	-15.0	-44.0	0.0	8.0	0.1	-61.0
B412	654	GEO_Eqn_6.12b_nls11	981.82	-15.0	-41.0	0.0	8.0	0.0	-39.0
B412	654	GEO_Eqn_6.12b_nls11	1472.73	-15.0	-38.0	0.0	8.0	0.0	-20.0
B412	654	GEO_Eqn_6.12b_nls11	1963.64	-15.0	-35.0	0.0	8.0	0.0	-2.0
B412	654	GEO_Eqn_6.12b_nls11	2454.55	-15.0	-32.0	0.0	8.0	0.0	15.0
B412	654	GEO_Eqn_6.12b_nls11	2945.45	-15.0	-29.0	0.0	8.0	0.0	30.0
B412	654	GEO_Eqn_6.12b_nls11	3436.36	-15.0	-26.0	0.0	8.0	0.0	43.0
B412	654	GEO_Eqn_6.12b_nls11	3927.27	-15.0	-23.0	0.0	8.0	0.0	55.0
B412	654	GEO_Eqn_6.12b_nls11	4418.18	-15.0	-20.0	0.0	8.0	0.0	66.0
B412	654	GEO_Eqn_6.12b_nls11	4909.09	-15.0	-17.0	0.0	8.0	0.0	75.0
B412	654	GEO_Eqn_6.12b_nls11	5400	-15.0	-14.0	0.0	8.0	0.0	82.0
B412	654	GEO_Eqn_6.12b_nls12	0	-15.0	-44.0	0.0	4.0	-0.1	-76.0
B412	654	GEO_Eqn_6.12b_nls12	490.91	-15.0	-41.0	0.0	4.0	-0.1	-55.0
B412	654	GEO_Eqn_6.12b_nls12	981.82	-15.0	-38.0	0.0	4.0	-0.1	-36.0
B412	654	GEO_Eqn_6.12b_nls12	1472.73	-15.0	-34.0	0.0	4.0	-0.1	-18.0
B412	654	GEO_Eqn_6.12b_nls12	1963.64	-15.0	-31.0	-0.1	4.0	0.0	-2.0
B412	654	GEO_Eqn_6.12b_nls12	2454.55	-15.0	-28.0	-0.1	4.0	0.0	13.0
B412	654	GEO_Eqn_6.12b_nls12	2945.45	-15.0	-25.0	-0.1	4.0	0.0	26.0
B412	654	GEO_Eqn_6.12b_nls12	3436.36	-15.0	-22.0	-0.1	4.0	0.0	38.0
B412	654	GEO_Eqn_6.12b_nls12	3927.27	-15.0	-19.0	-0.1	4.0	0.1	48.0
B412	654	GEO_Eqn_6.12b_nls12	4418.18	-15.0	-16.0	-0.1	4.0	0.1	56.0
B412	654	GEO_Eqn_6.12b_nls12	4909.09	-15.0	-13.0	-0.1	4.0	0.1	63.0
B412	654	GEO_Eqn_6.12b_nls12	5400	-15.0	-10.0	-0.1	4.0	0.1	69.0
B412	654	GEO_Eqn_6.12b_nls13	0	12.0	-10.0	0.0	-0.2	0.1	4.0
B412	654	GEO_Eqn_6.12b_nls13	490.91	12.0	-7.0	0.0	-0.2	0.1	8.0
B412	654	GEO_Eqn_6.12b_nls13	981.82	12.0	-4.0	0.0	-0.2	0.1	11.0
B412	654	GEO_Eqn_6.12b_nls13	1472.73	12.0	-0.5	0.0	-0.2	0.0	12.0
B412	654	GEO_Eqn_6.12b_nls13	1963.64	12.0	3.0	0.0	-0.2	0.0	11.0
B412	654	GEO_Eqn_6.12b_nls13	2454.55	12.0	6.0	0.0	-0.2	0.0	9.0
B412	654	GEO_Eqn_6.12b_nls13	2945.45	12.0	9.0	0.0	-0.2	0.0	6.0
B412	654	GEO_Eqn_6.12b_nls13	3436.36	12.0	12.0	0.0	-0.2	0.0	1.0
B412	654	GEO_Eqn_6.12b_nls13	3927.27	12.0	15.0	0.0	-0.2	0.0	-6.0
B412	654	GEO_Eqn_6.12b_nls13	4418.18	12.0	18.0	0.0	-0.2	0.0	-14.0
B412	654	GEO_Eqn_6.12b_nls13	4909.09	12.0	21.0	0.0	-0.2	-0.1	-24.0
B412	654	GEO_Eqn_6.12b_nls13	5400	12.0	24.0	0.0	-0.2	-0.1	-35.0
B412	654	GEO_Eqn_6.12b_nls14	0	12.0	-5.0	0.0	-4.0	-0.1	13.0
B412	654	GEO_Eqn_6.12b_nls14	490.91	12.0	-2.0	0.0	-4.0	-0.1	15.0
B412	654	GEO_Eqn_6.12b_nls14	981.82	12.0	1.0	0.0	-4.0	-0.1	15.0
B412	654	GEO_Eqn_6.12b_nls14	1472.73	12.0	4.0	0.0	-4.0	-0.1	14.0
B412	654	GEO_Eqn_6.12b_nls14	1963.64	12.0	7.0	0.0	-4.0	0.0	11.0
B412	654	GEO_Eqn_6.12b_nls14	2454.55	12.0	10.0	0.0	-4.0	0.0	7.0
B412	654	GEO_Eqn_6.12b_nls14	2945.45	12.0	13.0	0.0	-4.0	0.0	1.0
B412	654	GEO_Eqn_6.12b_nls14	3436.36	12.0	16.0	0.0	-4.0	0.0	-6.0
B412	654	GEO_Eqn_6.12b_nls14	3927.27	12.0	19.0	0.0	-4.0	0.1	-15.0
B412	654	GEO_Eqn_6.12b_nls14	4418.18	12.0	22.0	0.0	-4.0	0.1	-25.0
B412	654	GEO_Eqn_6.12b_nls14	4909.09	12.0	25.0	-0.1	-4.0	0.1	-37.0
B412	654	GEO_Eqn_6.12b_nls14	5400	12.0	29.0	-0.1	-4.0	0.1	-50.0
B412	654	GEO_Eqn_6.12b_nls15	0	-12.0	-43.0	0.1	8.0	0.1	-73.0
B412	654	GEO_Eqn_6.12b_nls15	490.91	-12.0	-40.0	0.0	8.0	0.1	-52.0
B412	654	GEO_Eqn_6.12b_nls15	981.82	-12.0	-37.0	0.0	8.0	0.1	-34.0
B412	654	GEO_Eqn_6.12b_nls15	1472.73	-12.0	-34.0	0.0	8.0	0.1	-16.0
B412	654	GEO_Eqn_6.12b_nls15	1963.64	-12.0	-31.0	0.0	8.0	0.0	-0.2
B412	654	GEO_Eqn_6.12b_nls15	2454.55	-12.0	-28.0	0.0	8.0	0.0	14.0
B412	654	GEO_Eqn_6.12b_nls15	2945.45	-12.0	-25.0	0.0	8.0	0.0	27.0
B412	654	GEO_Eqn_6.12b_nls15	3436.36	-12.0	-22.0	0.0	8.0	0.0	38.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B412	654	GEO_Eqn_6.12b_nls15	3927.27	-12.0	-19.0	0.0	8.0	-0.1	48.0
B412	654	GEO_Eqn_6.12b_nls15	4418.18	-12.0	-15.0	0.0	8.0	-0.1	57.0
B412	654	GEO_Eqn_6.12b_nls15	4909.09	-12.0	-12.0	0.0	8.0	-0.1	64.0
B412	654	GEO_Eqn_6.12b_nls15	5400	-12.0	-9.0	0.0	8.0	-0.1	69.0
B412	654	GEO_Eqn_6.12b_nls16	0	-11.0	-39.0	0.0	4.0	-0.1	-65.0
B412	654	GEO_Eqn_6.12b_nls16	490.91	-11.0	-36.0	0.0	4.0	-0.1	-47.0
B412	654	GEO_Eqn_6.12b_nls16	981.82	-11.0	-33.0	0.0	4.0	-0.1	-30.0
B412	654	GEO_Eqn_6.12b_nls16	1472.73	-11.0	-30.0	0.0	4.0	0.0	-14.0
B412	654	GEO_Eqn_6.12b_nls16	1963.64	-11.0	-27.0	0.0	4.0	0.0	-0.4
B412	654	GEO_Eqn_6.12b_nls16	2454.55	-11.0	-24.0	0.0	4.0	0.0	12.0
B412	654	GEO_Eqn_6.12b_nls16	2945.45	-11.0	-21.0	0.0	4.0	0.0	23.0
B412	654	GEO_Eqn_6.12b_nls16	3436.36	-11.0	-18.0	0.0	4.0	0.0	32.0
B412	654	GEO_Eqn_6.12b_nls16	3927.27	-11.0	-15.0	0.0	4.0	0.0	40.0
B412	654	GEO_Eqn_6.12b_nls16	4418.18	-11.0	-12.0	0.0	4.0	0.0	47.0
B412	654	GEO_Eqn_6.12b_nls16	4909.09	-11.0	-8.0	0.0	4.0	0.1	52.0
B412	654	GEO_Eqn_6.12b_nls16	5400	-11.0	-5.0	0.0	4.0	0.1	55.0
B413	743	GEO_Eqn_6.12b_nls01	0	0.0	-12.0	0.0	8.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls01	485.02	0.0	-9.0	0.0	8.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls01	970.04	0.0	-6.0	0.0	8.0	0.0	19.0
B413	743	GEO_Eqn_6.12b_nls01	1455.06	0.0	-3.0	0.0	8.0	0.0	21.0
B413	743	GEO_Eqn_6.12b_nls01	1940.08	0.0	0.3	0.0	8.0	0.0	21.0
B413	743	GEO_Eqn_6.12b_nls01	2425.1	0.0	3.0	0.0	8.0	0.0	20.0
B413	743	GEO_Eqn_6.12b_nls01	2910.12	0.0	6.0	0.0	8.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls01	3395.14	0.0	9.0	0.0	8.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls01	3880.16	0.0	12.0	0.0	8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls01	4365.18	0.0	15.0	0.0	8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	4850.2	0.0	18.0	0.0	8.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls01	5335.22	0.0	22.0	0.0	8.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls01	5820.24	0.0	25.0	0.0	8.0	0.0	-27.0
B413	743	GEO_Eqn_6.12b_nls01	5820.24	0.0	-15.0	0.0	3.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls01	6309.13	0.0	-12.0	0.0	3.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls01	6798.02	0.0	-9.0	0.0	3.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls01	7286.91	0.0	-6.0	0.0	3.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls01	7775.79	0.0	-3.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls01	8264.68	0.0	0.4	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	8753.57	0.0	3.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls01	9242.46	0.0	6.0	0.0	3.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls01	9731.35	0.0	10.0	0.0	3.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls01	10220.24	0.0	13.0	0.0	3.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls01	10220.24	0.0	-12.0	0.0	0.1	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls01	10709.13	0.0	-9.0	0.0	0.1	0.0	0.1
B413	743	GEO_Eqn_6.12b_nls01	11198.02	0.0	-6.0	0.0	0.1	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	11686.91	0.0	-2.0	0.0	0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	12175.79	0.0	1.0	0.0	0.1	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls01	12664.68	0.0	4.0	0.0	0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	13153.57	0.0	7.0	0.0	0.1	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	13642.46	0.0	10.0	0.0	0.1	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls01	14131.35	0.0	13.0	0.0	0.1	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls01	14620.24	0.0	16.0	0.0	0.1	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls01	14620.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls01	15109.13	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls01	15598.02	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	16086.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	16575.79	0.0	-0.3	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	17064.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	17553.57	0.0	6.0	0.0	1.0	0.0	2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls01	18042.46	0.0	9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls01	18531.35	0.0	12.0	0.0	1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls01	19020.24	0.0	15.0	0.0	1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls01	19020.24	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls01	19509.13	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls01	19998.02	0.0	-6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	20486.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	20975.79	0.0	0.1	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	21464.68	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	21953.57	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	22442.46	0.0	9.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls01	22931.35	0.0	12.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls01	23420.24	0.0	15.0	0.0	-1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls01	23420.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls01	23909.13	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls01	24398.02	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	24886.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	25375.79	0.0	-0.1	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	25864.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	26353.57	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	26842.46	0.0	9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls01	27331.35	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls01	27820.24	0.0	15.0	0.0	1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls01	27820.24	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls01	28309.13	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls01	28798.02	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls01	29286.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	29775.79	0.0	0.1	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls01	30264.68	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	30753.57	0.0	6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls01	31242.46	0.0	9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls01	31731.35	0.0	12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls01	32220.24	0.0	15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls01	32220.24	0.0	-12.0	0.0	-3.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls01	32709.13	0.0	-9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls01	33198.02	0.0	-6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	33686.91	0.0	-3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	34175.79	0.0	0.1	0.0	-3.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	34664.68	0.0	3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	35153.57	0.0	6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls01	35642.46	0.0	9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls01	36131.35	0.0	12.0	0.0	-3.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls01	36620.24	0.0	15.0	0.0	-3.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls01	36620.24	0.0	-13.0	0.0	-8.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls01	37095.23	0.0	-10.0	0.0	-8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls01	37570.22	0.0	-7.0	0.0	-8.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls01	38045.22	0.0	-4.0	0.0	-8.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls01	38520.21	0.0	-1.0	0.0	-8.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls01	38995.2	0.0	2.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls01	39470.19	0.0	5.0	0.0	-8.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls01	39945.18	0.0	8.0	0.0	-8.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls01	40420.18	0.0	11.0	0.0	-8.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls01	40895.17	0.0	14.0	0.0	-8.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls01	41370.16	0.0	17.0	0.0	-8.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls02	0	0.0	-12.0	0.0	8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls02	485.02	0.0	-9.0	0.0	8.0	0.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls02	970.04	0.0	-6.0	0.0	8.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls02	1455.06	0.0	-3.0	0.0	8.0	0.0	20.0
B413	743	GEO_Eqn_6.12b_nls02	1940.08	0.0	0.1	0.0	8.0	0.0	21.0
B413	743	GEO_Eqn_6.12b_nls02	2425.1	0.0	3.0	0.0	8.0	0.0	20.0
B413	743	GEO_Eqn_6.12b_nls02	2910.12	0.0	6.0	0.0	8.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls02	3395.14	0.0	9.0	0.0	8.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls02	3880.16	0.0	12.0	0.0	8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls02	4365.18	0.0	15.0	0.0	8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	4850.2	0.0	18.0	0.0	8.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls02	5335.22	0.0	21.0	0.0	8.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls02	5820.24	0.0	24.0	0.0	8.0	0.0	-27.0
B413	743	GEO_Eqn_6.12b_nls02	5820.24	0.0	-15.0	0.0	3.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls02	6309.13	0.0	-12.0	0.0	3.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls02	6798.02	0.0	-9.0	0.0	3.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls02	7286.91	0.0	-6.0	0.0	3.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls02	7775.79	0.0	-3.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls02	8264.68	0.0	0.5	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	8753.57	0.0	4.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls02	9242.46	0.0	7.0	0.0	3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	9731.35	0.0	10.0	0.0	3.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls02	10220.24	0.0	13.0	0.0	3.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls02	10220.24	0.0	-12.0	0.0	0.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls02	10709.13	0.0	-9.0	0.0	0.0	0.0	0.1
B413	743	GEO_Eqn_6.12b_nls02	11198.02	0.0	-6.0	0.0	0.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	11686.91	0.0	-2.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	12175.79	0.0	1.0	0.0	0.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls02	12664.68	0.0	4.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	13153.57	0.0	7.0	0.0	0.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	13642.46	0.0	10.0	0.0	0.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	14131.35	0.0	13.0	0.0	0.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls02	14620.24	0.0	16.0	0.0	0.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls02	14620.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls02	15109.13	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	15598.02	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	16086.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	16575.79	0.0	-0.2	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	17064.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	17553.57	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	18042.46	0.0	9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls02	18531.35	0.0	12.0	0.0	1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls02	19020.24	0.0	15.0	0.0	1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls02	19020.24	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls02	19509.13	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls02	19998.02	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls02	20486.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	20975.79	0.0	0.2	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	21464.68	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	21953.57	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	22442.46	0.0	9.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	22931.35	0.0	12.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls02	23420.24	0.0	15.0	0.0	-1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls02	23420.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls02	23909.13	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	24398.02	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	24886.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	25375.79	0.0	0.0	0.0	1.0	0.0	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls02	25864.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	26353.57	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	26842.46	0.0	9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	27331.35	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls02	27820.24	0.0	15.0	0.0	1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls02	27820.24	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls02	28309.13	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls02	28798.02	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls02	29286.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	29775.79	0.0	0.1	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls02	30264.68	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	30753.57	0.0	6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls02	31242.46	0.0	9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls02	31731.35	0.0	12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls02	32220.24	0.0	15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls02	32220.24	0.0	-12.0	0.0	-3.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls02	32709.13	0.0	-9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	33198.02	0.0	-6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	33686.91	0.0	-3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	34175.79	0.0	0.1	0.0	-3.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls02	34664.68	0.0	3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	35153.57	0.0	6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	35642.46	0.0	9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls02	36131.35	0.0	12.0	0.0	-3.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls02	36620.24	0.0	15.0	0.0	-3.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls02	36620.24	0.0	-12.0	0.0	-8.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls02	37095.23	0.0	-10.0	0.0	-8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls02	37570.22	0.0	-7.0	0.0	-8.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls02	38045.22	0.0	-4.0	0.0	-8.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls02	38520.21	0.0	-1.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	38995.2	0.0	2.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls02	39470.19	0.0	5.0	0.0	-8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls02	39945.18	0.0	8.0	0.0	-8.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls02	40420.18	0.0	11.0	0.0	-8.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls02	40895.17	0.0	14.0	0.0	-8.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls02	41370.16	0.0	17.0	0.0	-8.0	0.0	-19.0
B413	743	GEO_Eqn_6.12b_nls03	0	0.0	-18.0	0.0	7.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls03	485.02	0.0	-15.0	0.0	7.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls03	970.04	0.0	-12.0	0.0	7.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls03	1455.06	0.0	-9.0	0.0	7.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	1940.08	0.0	-6.0	0.0	7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls03	2425.1	0.0	-3.0	0.0	7.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls03	2910.12	0.0	-0.2	0.0	7.0	0.0	11.0
B413	743	GEO_Eqn_6.12b_nls03	3395.14	0.0	3.0	0.0	7.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls03	3880.16	0.0	6.0	0.0	7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls03	4365.18	0.0	9.0	0.0	7.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	4850.2	0.0	12.0	0.0	7.0	0.0	-0.5
B413	743	GEO_Eqn_6.12b_nls03	5335.22	0.0	15.0	0.0	7.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls03	5820.24	0.0	18.0	0.0	7.0	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls03	5820.24	0.0	-17.0	0.0	2.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls03	6309.13	0.0	-14.0	0.0	2.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls03	6798.02	0.0	-10.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls03	7286.91	0.0	-7.0	0.0	2.0	0.0	-0.3
B413	743	GEO_Eqn_6.12b_nls03	7775.79	0.0	-4.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls03	8264.68	0.0	-1.0	0.0	2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	8753.57	0.0	2.0	0.0	2.0	0.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls03	9242.46	0.0	5.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	9731.35	0.0	8.0	0.0	2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls03	10220.24	0.0	11.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls03	10220.24	0.0	-15.0	0.0	-0.1	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls03	10709.13	0.0	-12.0	0.0	-0.1	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls03	11198.02	0.0	-9.0	0.0	-0.1	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls03	11686.91	0.0	-6.0	0.0	-0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls03	12175.79	0.0	-3.0	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	12664.68	0.0	0.5	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	13153.57	0.0	4.0	0.0	-0.1	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	13642.46	0.0	7.0	0.0	-0.1	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	14131.35	0.0	10.0	0.0	-0.1	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls03	14620.24	0.0	13.0	0.0	-0.1	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls03	14620.24	0.0	-15.0	0.0	1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls03	15109.13	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls03	15598.02	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls03	16086.91	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	16575.79	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	17064.68	0.0	0.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	17553.57	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	18042.46	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	18531.35	0.0	9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls03	19020.24	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls03	19020.24	0.0	-15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls03	19509.13	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls03	19998.02	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls03	20486.91	0.0	-6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	20975.79	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	21464.68	0.0	0.3	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	21953.57	0.0	3.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	22442.46	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	22931.35	0.0	9.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls03	23420.24	0.0	12.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls03	23420.24	0.0	-15.0	0.0	0.3	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls03	23909.13	0.0	-12.0	0.0	0.3	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls03	24398.02	0.0	-9.0	0.0	0.3	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls03	24886.91	0.0	-6.0	0.0	0.3	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	25375.79	0.0	-3.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	25864.68	0.0	0.1	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	26353.57	0.0	3.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	26842.46	0.0	6.0	0.0	0.3	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	27331.35	0.0	9.0	0.0	0.3	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls03	27820.24	0.0	12.0	0.0	0.3	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls03	27820.24	0.0	-15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls03	28309.13	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls03	28798.02	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls03	29286.91	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls03	29775.79	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	30264.68	0.0	0.0	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls03	30753.57	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls03	31242.46	0.0	6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls03	31731.35	0.0	9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls03	32220.24	0.0	12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls03	32220.24	0.0	-14.0	0.0	-2.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls03	32709.13	0.0	-10.0	0.0	-2.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls03	33198.02	0.0	-7.0	0.0	-2.0	0.0	-2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls03	33686.91	0.0	-4.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls03	34175.79	0.0	-1.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	34664.68	0.0	2.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls03	35153.57	0.0	5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls03	35642.46	0.0	8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls03	36131.35	0.0	11.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls03	36620.24	0.0	14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls03	36620.24	0.0	-22.0	0.0	-8.0	0.0	-21.0
B413	743	GEO_Eqn_6.12b_nls03	37095.23	0.0	-19.0	0.0	-8.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls03	37570.22	0.0	-16.0	0.0	-8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls03	38045.22	0.0	-13.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls03	38520.21	0.0	-10.0	0.0	-8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls03	38995.2	0.0	-7.0	0.0	-8.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls03	39470.19	0.0	-4.0	0.0	-8.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls03	39945.18	0.0	-1.0	0.0	-8.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls03	40420.18	0.0	2.0	0.0	-8.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls03	40895.17	0.0	5.0	0.0	-8.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls03	41370.16	0.0	8.0	0.0	-8.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls04	0	0.0	-19.0	0.0	8.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls04	485.02	0.0	-16.0	0.0	8.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls04	970.04	0.0	-13.0	0.0	8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls04	1455.06	0.0	-10.0	0.0	8.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls04	1940.08	0.0	-7.0	0.0	8.0	0.0	7.0
B413	743	GEO_Eqn_6.12b_nls04	2425.1	0.0	-4.0	0.0	8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls04	2910.12	0.0	-1.0	0.0	8.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls04	3395.14	0.0	2.0	0.0	8.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls04	3880.16	0.0	5.0	0.0	8.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls04	4365.18	0.0	8.0	0.0	8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	4850.2	0.0	11.0	0.0	8.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls04	5335.22	0.0	15.0	0.0	8.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls04	5820.24	0.0	18.0	0.0	8.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls04	5820.24	0.0	-16.0	0.0	2.0	0.0	-17.0
B413	743	GEO_Eqn_6.12b_nls04	6309.13	0.0	-13.0	0.0	2.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls04	6798.02	0.0	-10.0	0.0	2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls04	7286.91	0.0	-7.0	0.0	2.0	0.0	-0.1
B413	743	GEO_Eqn_6.12b_nls04	7775.79	0.0	-4.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls04	8264.68	0.0	-1.0	0.0	2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	8753.57	0.0	2.0	0.0	2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	9242.46	0.0	5.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	9731.35	0.0	8.0	0.0	2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls04	10220.24	0.0	11.0	0.0	2.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls04	10220.24	0.0	-15.0	0.0	-0.1	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls04	10709.13	0.0	-12.0	0.0	-0.1	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls04	11198.02	0.0	-9.0	0.0	-0.1	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls04	11686.91	0.0	-6.0	0.0	-0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls04	12175.79	0.0	-3.0	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	12664.68	0.0	0.5	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	13153.57	0.0	4.0	0.0	-0.1	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	13642.46	0.0	7.0	0.0	-0.1	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	14131.35	0.0	10.0	0.0	-0.1	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls04	14620.24	0.0	13.0	0.0	-0.1	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls04	14620.24	0.0	-15.0	0.0	1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls04	15109.13	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls04	15598.02	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls04	16086.91	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	16575.79	0.0	-3.0	0.0	1.0	0.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls04	17064.68	0.0	0.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	17553.57	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	18042.46	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	18531.35	0.0	9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls04	19020.24	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls04	19020.24	0.0	-15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls04	19509.13	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls04	19998.02	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls04	20486.91	0.0	-6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	20975.79	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	21464.68	0.0	0.3	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	21953.57	0.0	3.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	22442.46	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	22931.35	0.0	9.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls04	23420.24	0.0	12.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls04	23420.24	0.0	-15.0	0.0	0.3	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls04	23909.13	0.0	-12.0	0.0	0.3	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls04	24398.02	0.0	-9.0	0.0	0.3	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls04	24886.91	0.0	-6.0	0.0	0.3	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	25375.79	0.0	-3.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	25864.68	0.0	0.1	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	26353.57	0.0	3.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	26842.46	0.0	6.0	0.0	0.3	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	27331.35	0.0	9.0	0.0	0.3	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls04	27820.24	0.0	12.0	0.0	0.3	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls04	27820.24	0.0	-15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls04	28309.13	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls04	28798.02	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls04	29286.91	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls04	29775.79	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	30264.68	0.0	0.0	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls04	30753.57	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls04	31242.46	0.0	6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls04	31731.35	0.0	9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls04	32220.24	0.0	12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls04	32220.24	0.0	-14.0	0.0	-2.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls04	32709.13	0.0	-11.0	0.0	-2.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls04	33198.02	0.0	-8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls04	33686.91	0.0	-4.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls04	34175.79	0.0	-1.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls04	34664.68	0.0	2.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls04	35153.57	0.0	5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls04	35642.46	0.0	8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls04	36131.35	0.0	11.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls04	36620.24	0.0	14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls04	36620.24	0.0	-21.0	0.0	-9.0	0.0	-21.0
B413	743	GEO_Eqn_6.12b_nls04	37095.23	0.0	-18.0	0.0	-9.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls04	37570.22	0.0	-15.0	0.0	-9.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls04	38045.22	0.0	-13.0	0.0	-9.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls04	38520.21	0.0	-10.0	0.0	-9.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls04	38995.2	0.0	-7.0	0.0	-9.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls04	39470.19	0.0	-4.0	0.0	-9.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls04	39945.18	0.0	-1.0	0.0	-9.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls04	40420.18	0.0	2.0	0.0	-9.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls04	40895.17	0.0	5.0	0.0	-9.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls04	41370.16	0.0	8.0	0.0	-9.0	0.0	11.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls05	0	0.0	-12.0	0.0	8.0	0.0	11.0
B413	743	GEO_Eqn_6.12b_nls05	485.02	0.0	-9.0	0.0	8.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls05	970.04	0.0	-6.0	0.0	8.0	0.0	19.0
B413	743	GEO_Eqn_6.12b_nls05	1455.06	0.0	-2.0	0.0	8.0	0.0	21.0
B413	743	GEO_Eqn_6.12b_nls05	1940.08	0.0	1.0	0.0	8.0	0.0	21.0
B413	743	GEO_Eqn_6.12b_nls05	2425.1	0.0	4.0	0.0	8.0	0.0	21.0
B413	743	GEO_Eqn_6.12b_nls05	2910.12	0.0	7.0	0.0	8.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls05	3395.14	0.0	10.0	0.0	8.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls05	3880.16	0.0	13.0	0.0	8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls05	4365.18	0.0	16.0	0.0	8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	4850.2	0.0	19.0	0.0	8.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	5335.22	0.0	22.0	0.0	8.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls05	5820.24	0.0	25.0	0.0	8.0	0.0	-28.0
B413	743	GEO_Eqn_6.12b_nls05	5820.24	0.0	-15.0	0.0	3.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls05	6309.13	0.0	-12.0	0.0	3.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls05	6798.02	0.0	-9.0	0.0	3.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls05	7286.91	0.0	-6.0	0.0	3.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls05	7775.79	0.0	-3.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls05	8264.68	0.0	1.0	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	8753.57	0.0	4.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls05	9242.46	0.0	7.0	0.0	3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	9731.35	0.0	10.0	0.0	3.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls05	10220.24	0.0	13.0	0.0	3.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls05	10220.24	0.0	-11.0	0.0	0.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls05	10709.13	0.0	-8.0	0.0	0.0	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls05	11198.02	0.0	-5.0	0.0	0.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	11686.91	0.0	-2.0	0.0	0.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls05	12175.79	0.0	1.0	0.0	0.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls05	12664.68	0.0	4.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	13153.57	0.0	7.0	0.0	0.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	13642.46	0.0	10.0	0.0	0.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	14131.35	0.0	13.0	0.0	0.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls05	14620.24	0.0	16.0	0.0	0.0	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls05	14620.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	15109.13	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	15598.02	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	16086.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	16575.79	0.0	-0.1	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	17064.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	17553.57	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	18042.46	0.0	9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls05	18531.35	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	19020.24	0.0	15.0	0.0	1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls05	19020.24	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls05	19509.13	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls05	19998.02	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls05	20486.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	20975.79	0.0	0.3	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	21464.68	0.0	3.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	21953.57	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	22442.46	0.0	10.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	22931.35	0.0	13.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	23420.24	0.0	16.0	0.0	-1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls05	23420.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	23909.13	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	24398.02	0.0	-6.0	0.0	1.0	0.0	2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls05	24886.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	25375.79	0.0	0.1	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	25864.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	26353.57	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	26842.46	0.0	9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	27331.35	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	27820.24	0.0	15.0	0.0	1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls05	27820.24	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls05	28309.13	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls05	28798.02	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls05	29286.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	29775.79	0.0	0.3	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls05	30264.68	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	30753.57	0.0	6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls05	31242.46	0.0	9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls05	31731.35	0.0	12.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	32220.24	0.0	16.0	0.0	-1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls05	32220.24	0.0	-12.0	0.0	-3.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls05	32709.13	0.0	-9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	33198.02	0.0	-6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	33686.91	0.0	-3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	34175.79	0.0	0.2	0.0	-3.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls05	34664.68	0.0	3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	35153.57	0.0	6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	35642.46	0.0	9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls05	36131.35	0.0	12.0	0.0	-3.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls05	36620.24	0.0	15.0	0.0	-3.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls05	36620.24	0.0	-12.0	0.0	-8.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls05	37095.23	0.0	-9.0	0.0	-8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls05	37570.22	0.0	-6.0	0.0	-8.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls05	38045.22	0.0	-3.0	0.0	-8.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls05	38520.21	0.0	-1.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	38995.2	0.0	2.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls05	39470.19	0.0	5.0	0.0	-8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls05	39945.18	0.0	8.0	0.0	-8.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls05	40420.18	0.0	11.0	0.0	-8.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls05	40895.17	0.0	14.0	0.0	-8.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls05	41370.16	0.0	17.0	0.0	-8.0	0.0	-20.0
B413	743	GEO_Eqn_6.12b_nls06	0	0.0	-12.0	0.0	8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls06	485.02	0.0	-9.0	0.0	8.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls06	970.04	0.0	-6.0	0.0	8.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls06	1455.06	0.0	-3.0	0.0	8.0	0.0	20.0
B413	743	GEO_Eqn_6.12b_nls06	1940.08	0.0	0.2	0.0	8.0	0.0	21.0
B413	743	GEO_Eqn_6.12b_nls06	2425.1	0.0	3.0	0.0	8.0	0.0	20.0
B413	743	GEO_Eqn_6.12b_nls06	2910.12	0.0	6.0	0.0	8.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls06	3395.14	0.0	9.0	0.0	8.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls06	3880.16	0.0	12.0	0.0	8.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls06	4365.18	0.0	15.0	0.0	8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	4850.2	0.0	18.0	0.0	8.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	5335.22	0.0	21.0	0.0	8.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls06	5820.24	0.0	24.0	0.0	8.0	0.0	-27.0
B413	743	GEO_Eqn_6.12b_nls06	5820.24	0.0	-15.0	0.0	3.0	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls06	6309.13	0.0	-12.0	0.0	3.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls06	6798.02	0.0	-8.0	0.0	3.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls06	7286.91	0.0	-5.0	0.0	3.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls06	7775.79	0.0	-2.0	0.0	3.0	0.0	1.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls06	8264.68	0.0	1.0	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	8753.57	0.0	4.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls06	9242.46	0.0	7.0	0.0	3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	9731.35	0.0	10.0	0.0	3.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls06	10220.24	0.0	13.0	0.0	3.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls06	10220.24	0.0	-11.0	0.0	-0.2	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls06	10709.13	0.0	-8.0	0.0	-0.2	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls06	11198.02	0.0	-5.0	0.0	-0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	11686.91	0.0	-2.0	0.0	-0.2	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls06	12175.79	0.0	1.0	0.0	-0.2	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls06	12664.68	0.0	4.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	13153.57	0.0	7.0	0.0	-0.2	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	13642.46	0.0	10.0	0.0	-0.2	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	14131.35	0.0	13.0	0.0	-0.2	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls06	14620.24	0.0	16.0	0.0	-0.2	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls06	14620.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	15109.13	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	15598.02	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	16086.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	16575.79	0.0	-0.1	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	17064.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	17553.57	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	18042.46	0.0	9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	18531.35	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	19020.24	0.0	15.0	0.0	1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls06	19020.24	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls06	19509.13	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls06	19998.02	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls06	20486.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	20975.79	0.0	0.4	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	21464.68	0.0	3.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	21953.57	0.0	7.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	22442.46	0.0	10.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	22931.35	0.0	13.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	23420.24	0.0	16.0	0.0	-1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls06	23420.24	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	23909.13	0.0	-9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls06	24398.02	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	24886.91	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	25375.79	0.0	0.2	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	25864.68	0.0	3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	26353.57	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	26842.46	0.0	9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	27331.35	0.0	12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	27820.24	0.0	15.0	0.0	1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls06	27820.24	0.0	-12.0	0.0	-1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls06	28309.13	0.0	-9.0	0.0	-1.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls06	28798.02	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls06	29286.91	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	29775.79	0.0	0.4	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls06	30264.68	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	30753.57	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	31242.46	0.0	10.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls06	31731.35	0.0	13.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	32220.24	0.0	16.0	0.0	-1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls06	32220.24	0.0	-12.0	0.0	-3.0	0.0	-7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls06	32709.13	0.0	-9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	33198.02	0.0	-6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	33686.91	0.0	-3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	34175.79	0.0	0.2	0.0	-3.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls06	34664.68	0.0	3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	35153.57	0.0	6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls06	35642.46	0.0	9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	36131.35	0.0	12.0	0.0	-3.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	36620.24	0.0	15.0	0.0	-3.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls06	36620.24	0.0	-12.0	0.0	-8.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	37095.23	0.0	-9.0	0.0	-8.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	37570.22	0.0	-6.0	0.0	-8.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls06	38045.22	0.0	-3.0	0.0	-8.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls06	38520.21	0.0	0.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls06	38995.2	0.0	3.0	0.0	-8.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls06	39470.19	0.0	6.0	0.0	-8.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls06	39945.18	0.0	9.0	0.0	-8.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls06	40420.18	0.0	12.0	0.0	-8.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls06	40895.17	0.0	15.0	0.0	-8.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls06	41370.16	0.0	18.0	0.0	-8.0	0.0	-22.0
B413	743	GEO_Eqn_6.12b_nls07	0	0.0	-19.0	0.0	7.0	0.0	-17.0
B413	743	GEO_Eqn_6.12b_nls07	485.02	0.0	-16.0	0.0	7.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls07	970.04	0.0	-13.0	0.0	7.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls07	1455.06	0.0	-9.0	0.0	7.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	1940.08	0.0	-6.0	0.0	7.0	0.0	7.0
B413	743	GEO_Eqn_6.12b_nls07	2425.1	0.0	-3.0	0.0	7.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls07	2910.12	0.0	-0.4	0.0	7.0	0.0	11.0
B413	743	GEO_Eqn_6.12b_nls07	3395.14	0.0	3.0	0.0	7.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls07	3880.16	0.0	6.0	0.0	7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls07	4365.18	0.0	9.0	0.0	7.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	4850.2	0.0	12.0	0.0	7.0	0.0	-0.3
B413	743	GEO_Eqn_6.12b_nls07	5335.22	0.0	15.0	0.0	7.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls07	5820.24	0.0	18.0	0.0	7.0	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls07	5820.24	0.0	-17.0	0.0	2.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls07	6309.13	0.0	-14.0	0.0	2.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls07	6798.02	0.0	-11.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls07	7286.91	0.0	-8.0	0.0	2.0	0.0	-0.3
B413	743	GEO_Eqn_6.12b_nls07	7775.79	0.0	-5.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls07	8264.68	0.0	-1.0	0.0	2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	8753.57	0.0	2.0	0.0	2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	9242.46	0.0	5.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	9731.35	0.0	8.0	0.0	2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls07	10220.24	0.0	11.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls07	10220.24	0.0	-15.0	0.0	-0.2	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls07	10709.13	0.0	-12.0	0.0	-0.2	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls07	11198.02	0.0	-9.0	0.0	-0.2	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls07	11686.91	0.0	-6.0	0.0	-0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls07	12175.79	0.0	-3.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	12664.68	0.0	0.3	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	13153.57	0.0	3.0	0.0	-0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	13642.46	0.0	6.0	0.0	-0.2	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	14131.35	0.0	9.0	0.0	-0.2	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls07	14620.24	0.0	13.0	0.0	-0.2	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls07	14620.24	0.0	-15.0	0.0	1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls07	15109.13	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls07	15598.02	0.0	-9.0	0.0	1.0	0.0	-2.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls07	16086.91	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	16575.79	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	17064.68	0.0	-0.2	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	17553.57	0.0	3.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	18042.46	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	18531.35	0.0	9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls07	19020.24	0.0	12.0	0.0	1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls07	19020.24	0.0	-15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls07	19509.13	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls07	19998.02	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls07	20486.91	0.0	-6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	20975.79	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	21464.68	0.0	0.1	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	21953.57	0.0	3.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	22442.46	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	22931.35	0.0	9.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls07	23420.24	0.0	12.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls07	23420.24	0.0	-15.0	0.0	0.4	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls07	23909.13	0.0	-12.0	0.0	0.4	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls07	24398.02	0.0	-9.0	0.0	0.4	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls07	24886.91	0.0	-6.0	0.0	0.4	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	25375.79	0.0	-3.0	0.0	0.4	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	25864.68	0.0	-0.1	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	26353.57	0.0	3.0	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	26842.46	0.0	6.0	0.0	0.4	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	27331.35	0.0	9.0	0.0	0.4	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls07	27820.24	0.0	12.0	0.0	0.4	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls07	27820.24	0.0	-15.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls07	28309.13	0.0	-12.0	0.0	-2.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls07	28798.02	0.0	-9.0	0.0	-2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls07	29286.91	0.0	-6.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls07	29775.79	0.0	-3.0	0.0	-2.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	30264.68	0.0	-0.2	0.0	-2.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls07	30753.57	0.0	3.0	0.0	-2.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls07	31242.46	0.0	6.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls07	31731.35	0.0	9.0	0.0	-2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls07	32220.24	0.0	12.0	0.0	-2.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls07	32220.24	0.0	-14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls07	32709.13	0.0	-11.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls07	33198.02	0.0	-8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls07	33686.91	0.0	-5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls07	34175.79	0.0	-1.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	34664.68	0.0	2.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls07	35153.57	0.0	5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls07	35642.46	0.0	8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls07	36131.35	0.0	11.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls07	36620.24	0.0	14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls07	36620.24	0.0	-22.0	0.0	-8.0	0.0	-21.0
B413	743	GEO_Eqn_6.12b_nls07	37095.23	0.0	-19.0	0.0	-8.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls07	37570.22	0.0	-16.0	0.0	-8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls07	38045.22	0.0	-13.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls07	38520.21	0.0	-10.0	0.0	-8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls07	38995.2	0.0	-7.0	0.0	-8.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls07	39470.19	0.0	-4.0	0.0	-8.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls07	39945.18	0.0	-1.0	0.0	-8.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls07	40420.18	0.0	2.0	0.0	-8.0	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls07	40895.17	0.0	5.0	0.0	-8.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls07	41370.16	0.0	8.0	0.0	-8.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls08	0	0.0	-19.0	0.0	8.0	0.0	-19.0
B413	743	GEO_Eqn_6.12b_nls08	485.02	0.0	-16.0	0.0	8.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls08	970.04	0.0	-13.0	0.0	8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls08	1455.06	0.0	-10.0	0.0	8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	1940.08	0.0	-7.0	0.0	8.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls08	2425.1	0.0	-4.0	0.0	8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls08	2910.12	0.0	-1.0	0.0	8.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls08	3395.14	0.0	2.0	0.0	8.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls08	3880.16	0.0	5.0	0.0	8.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls08	4365.18	0.0	8.0	0.0	8.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	4850.2	0.0	11.0	0.0	8.0	0.0	-0.2
B413	743	GEO_Eqn_6.12b_nls08	5335.22	0.0	14.0	0.0	8.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls08	5820.24	0.0	17.0	0.0	8.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls08	5820.24	0.0	-17.0	0.0	2.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls08	6309.13	0.0	-14.0	0.0	2.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls08	6798.02	0.0	-10.0	0.0	2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls08	7286.91	0.0	-7.0	0.0	2.0	0.0	-0.1
B413	743	GEO_Eqn_6.12b_nls08	7775.79	0.0	-4.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls08	8264.68	0.0	-1.0	0.0	2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls08	8753.57	0.0	2.0	0.0	2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls08	9242.46	0.0	5.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	9731.35	0.0	8.0	0.0	2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls08	10220.24	0.0	11.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls08	10220.24	0.0	-15.0	0.0	-0.3	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls08	10709.13	0.0	-12.0	0.0	-0.3	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls08	11198.02	0.0	-9.0	0.0	-0.3	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls08	11686.91	0.0	-6.0	0.0	-0.3	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	12175.79	0.0	-3.0	0.0	-0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	12664.68	0.0	0.3	0.0	-0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	13153.57	0.0	3.0	0.0	-0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls08	13642.46	0.0	6.0	0.0	-0.3	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	14131.35	0.0	9.0	0.0	-0.3	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls08	14620.24	0.0	13.0	0.0	-0.3	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls08	14620.24	0.0	-15.0	0.0	1.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls08	15109.13	0.0	-12.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls08	15598.02	0.0	-9.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls08	16086.91	0.0	-6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	16575.79	0.0	-3.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls08	17064.68	0.0	-0.2	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	17553.57	0.0	3.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	18042.46	0.0	6.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	18531.35	0.0	9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls08	19020.24	0.0	12.0	0.0	1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls08	19020.24	0.0	-15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls08	19509.13	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls08	19998.02	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls08	20486.91	0.0	-6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	20975.79	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	21464.68	0.0	0.1	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	21953.57	0.0	3.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls08	22442.46	0.0	6.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	22931.35	0.0	9.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls08	23420.24	0.0	12.0	0.0	-1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls08	23420.24	0.0	-15.0	0.0	0.4	0.0	-14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls08	23909.13	0.0	-12.0	0.0	0.4	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls08	24398.02	0.0	-9.0	0.0	0.4	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls08	24886.91	0.0	-6.0	0.0	0.4	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	25375.79	0.0	-3.0	0.0	0.4	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls08	25864.68	0.0	-0.1	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	26353.57	0.0	3.0	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	26842.46	0.0	6.0	0.0	0.4	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	27331.35	0.0	9.0	0.0	0.4	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls08	27820.24	0.0	12.0	0.0	0.4	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls08	27820.24	0.0	-15.0	0.0	-1.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls08	28309.13	0.0	-12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls08	28798.02	0.0	-9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls08	29286.91	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls08	29775.79	0.0	-3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	30264.68	0.0	-0.1	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls08	30753.57	0.0	3.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls08	31242.46	0.0	6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls08	31731.35	0.0	9.0	0.0	-1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls08	32220.24	0.0	12.0	0.0	-1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls08	32220.24	0.0	-14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls08	32709.13	0.0	-11.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls08	33198.02	0.0	-8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls08	33686.91	0.0	-5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls08	34175.79	0.0	-2.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	34664.68	0.0	2.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls08	35153.57	0.0	5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls08	35642.46	0.0	8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls08	36131.35	0.0	11.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls08	36620.24	0.0	14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls08	36620.24	0.0	-22.0	0.0	-9.0	0.0	-21.0
B413	743	GEO_Eqn_6.12b_nls08	37095.23	0.0	-19.0	0.0	-9.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls08	37570.22	0.0	-16.0	0.0	-9.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls08	38045.22	0.0	-13.0	0.0	-9.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls08	38520.21	0.0	-10.0	0.0	-9.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls08	38995.2	0.0	-7.0	0.0	-9.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls08	39470.19	0.0	-4.0	0.0	-9.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls08	39945.18	0.0	-1.0	0.0	-9.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls08	40420.18	0.0	2.0	0.0	-9.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls08	40895.17	0.0	5.0	0.0	-9.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls08	41370.16	0.0	8.0	0.0	-9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls09	0	0.0	-13.0	0.0	7.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls09	485.02	0.0	-10.0	0.0	7.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls09	970.04	0.0	-7.0	0.0	7.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls09	1455.06	0.0	-4.0	0.0	7.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls09	1940.08	0.0	-1.0	0.0	7.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls09	2425.1	0.0	2.0	0.0	7.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls09	2910.12	0.0	5.0	0.0	7.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls09	3395.14	0.0	8.0	0.0	7.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls09	3880.16	0.0	11.0	0.0	7.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls09	4365.18	0.0	14.0	0.0	7.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	4850.2	0.0	17.0	0.0	7.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls09	5335.22	0.0	20.0	0.0	7.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls09	5820.24	0.0	23.0	0.0	7.0	0.0	-24.0
B413	743	GEO_Eqn_6.12b_nls09	5820.24	0.0	-16.0	0.0	3.0	0.0	-17.0
B413	743	GEO_Eqn_6.12b_nls09	6309.13	0.0	-12.0	0.0	3.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls09	6798.02	0.0	-9.0	0.0	3.0	0.0	-5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls09	7286.91	0.0	-6.0	0.0	3.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls09	7775.79	0.0	-3.0	0.0	3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls09	8264.68	0.0	-0.3	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls09	8753.57	0.0	3.0	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls09	9242.46	0.0	6.0	0.0	3.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls09	9731.35	0.0	9.0	0.0	3.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls09	10220.24	0.0	12.0	0.0	3.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls09	10220.24	0.0	-13.0	0.0	1.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls09	10709.13	0.0	-10.0	0.0	1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls09	11198.02	0.0	-7.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls09	11686.91	0.0	-3.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	12175.79	0.0	-0.4	0.0	1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls09	12664.68	0.0	3.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	13153.57	0.0	6.0	0.0	1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	13642.46	0.0	9.0	0.0	1.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls09	14131.35	0.0	12.0	0.0	1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls09	14620.24	0.0	15.0	0.0	1.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls09	14620.24	0.0	-13.0	0.0	1.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls09	15109.13	0.0	-10.0	0.0	1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls09	15598.02	0.0	-7.0	0.0	1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls09	16086.91	0.0	-4.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls09	16575.79	0.0	-1.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	17064.68	0.0	2.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	17553.57	0.0	5.0	0.0	1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	18042.46	0.0	8.0	0.0	1.0	0.0	-0.3
B413	743	GEO_Eqn_6.12b_nls09	18531.35	0.0	11.0	0.0	1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls09	19020.24	0.0	14.0	0.0	1.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls09	19020.24	0.0	-13.0	0.0	-0.3	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls09	19509.13	0.0	-10.0	0.0	-0.3	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls09	19998.02	0.0	-7.0	0.0	-0.3	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls09	20486.91	0.0	-4.0	0.0	-0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls09	20975.79	0.0	-1.0	0.0	-0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	21464.68	0.0	2.0	0.0	-0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	21953.57	0.0	5.0	0.0	-0.3	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	22442.46	0.0	8.0	0.0	-0.3	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls09	22931.35	0.0	11.0	0.0	-0.3	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls09	23420.24	0.0	14.0	0.0	-0.3	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls09	23420.24	0.0	-13.0	0.0	0.2	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls09	23909.13	0.0	-10.0	0.0	0.2	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls09	24398.02	0.0	-7.0	0.0	0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls09	24886.91	0.0	-4.0	0.0	0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls09	25375.79	0.0	-1.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	25864.68	0.0	2.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	26353.57	0.0	5.0	0.0	0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	26842.46	0.0	8.0	0.0	0.2	0.0	-0.5
B413	743	GEO_Eqn_6.12b_nls09	27331.35	0.0	11.0	0.0	0.2	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls09	27820.24	0.0	14.0	0.0	0.2	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls09	27820.24	0.0	-13.0	0.0	-1.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls09	28309.13	0.0	-10.0	0.0	-1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls09	28798.02	0.0	-7.0	0.0	-1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls09	29286.91	0.0	-4.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls09	29775.79	0.0	-1.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	30264.68	0.0	2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls09	30753.57	0.0	5.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	31242.46	0.0	8.0	0.0	-1.0	0.0	0.1
B413	743	GEO_Eqn_6.12b_nls09	31731.35	0.0	11.0	0.0	-1.0	0.0	-5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls09	32220.24	0.0	14.0	0.0	-1.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls09	32220.24	0.0	-12.0	0.0	-2.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls09	32709.13	0.0	-9.0	0.0	-2.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls09	33198.02	0.0	-6.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls09	33686.91	0.0	-3.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	34175.79	0.0	-0.2	0.0	-2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls09	34664.68	0.0	3.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	35153.57	0.0	6.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls09	35642.46	0.0	9.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls09	36131.35	0.0	12.0	0.0	-2.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls09	36620.24	0.0	15.0	0.0	-2.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls09	36620.24	0.0	-16.0	0.0	-7.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls09	37095.23	0.0	-13.0	0.0	-7.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls09	37570.22	0.0	-10.0	0.0	-7.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls09	38045.22	0.0	-7.0	0.0	-7.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls09	38520.21	0.0	-4.0	0.0	-7.0	0.0	7.0
B413	743	GEO_Eqn_6.12b_nls09	38995.2	0.0	-1.0	0.0	-7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls09	39470.19	0.0	2.0	0.0	-7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls09	39945.18	0.0	5.0	0.0	-7.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls09	40420.18	0.0	8.0	0.0	-7.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls09	40895.17	0.0	11.0	0.0	-7.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls09	41370.16	0.0	13.0	0.0	-7.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls10	0	0.0	-15.0	0.0	7.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls10	485.02	0.0	-12.0	0.0	7.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	970.04	0.0	-9.0	0.0	7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls10	1455.06	0.0	-6.0	0.0	7.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls10	1940.08	0.0	-3.0	0.0	7.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls10	2425.1	0.0	-0.3	0.0	7.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls10	2910.12	0.0	3.0	0.0	7.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls10	3395.14	0.0	6.0	0.0	7.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls10	3880.16	0.0	9.0	0.0	7.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls10	4365.18	0.0	12.0	0.0	7.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	4850.2	0.0	15.0	0.0	7.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls10	5335.22	0.0	18.0	0.0	7.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls10	5820.24	0.0	21.0	0.0	7.0	0.0	-20.0
B413	743	GEO_Eqn_6.12b_nls10	5820.24	0.0	-16.0	0.0	2.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls10	6309.13	0.0	-13.0	0.0	2.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls10	6798.02	0.0	-10.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls10	7286.91	0.0	-7.0	0.0	2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls10	7775.79	0.0	-4.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls10	8264.68	0.0	-1.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	8753.57	0.0	2.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls10	9242.46	0.0	5.0	0.0	2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	9731.35	0.0	8.0	0.0	2.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls10	10220.24	0.0	11.0	0.0	2.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls10	10220.24	0.0	-14.0	0.0	1.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls10	10709.13	0.0	-11.0	0.0	1.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls10	11198.02	0.0	-8.0	0.0	1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	11686.91	0.0	-5.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	12175.79	0.0	-1.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	12664.68	0.0	2.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	13153.57	0.0	5.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	13642.46	0.0	8.0	0.0	1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	14131.35	0.0	11.0	0.0	1.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls10	14620.24	0.0	14.0	0.0	1.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls10	14620.24	0.0	-14.0	0.0	0.4	0.0	-11.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls10	15109.13	0.0	-11.0	0.0	0.4	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls10	15598.02	0.0	-8.0	0.0	0.4	0.0	-0.2
B413	743	GEO_Eqn_6.12b_nls10	16086.91	0.0	-5.0	0.0	0.4	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	16575.79	0.0	-2.0	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	17064.68	0.0	1.0	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	17553.57	0.0	4.0	0.0	0.4	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	18042.46	0.0	7.0	0.0	0.4	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	18531.35	0.0	10.0	0.0	0.4	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls10	19020.24	0.0	13.0	0.0	0.4	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls10	19020.24	0.0	-14.0	0.0	-0.2	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls10	19509.13	0.0	-11.0	0.0	-0.2	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls10	19998.02	0.0	-8.0	0.0	-0.2	0.0	0.0
B413	743	GEO_Eqn_6.12b_nls10	20486.91	0.0	-5.0	0.0	-0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	20975.79	0.0	-2.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	21464.68	0.0	1.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	21953.57	0.0	4.0	0.0	-0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	22442.46	0.0	7.0	0.0	-0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	22931.35	0.0	10.0	0.0	-0.2	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls10	23420.24	0.0	13.0	0.0	-0.2	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls10	23420.24	0.0	-14.0	0.0	-0.1	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls10	23909.13	0.0	-11.0	0.0	-0.1	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls10	24398.02	0.0	-8.0	0.0	-0.1	0.0	0.0
B413	743	GEO_Eqn_6.12b_nls10	24886.91	0.0	-5.0	0.0	-0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	25375.79	0.0	-2.0	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	25864.68	0.0	1.0	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	26353.57	0.0	4.0	0.0	-0.1	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	26842.46	0.0	7.0	0.0	-0.1	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	27331.35	0.0	10.0	0.0	-0.1	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls10	27820.24	0.0	13.0	0.0	-0.1	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls10	27820.24	0.0	-14.0	0.0	-1.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls10	28309.13	0.0	-11.0	0.0	-1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls10	28798.02	0.0	-8.0	0.0	-1.0	0.0	0.1
B413	743	GEO_Eqn_6.12b_nls10	29286.91	0.0	-5.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	29775.79	0.0	-2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	30264.68	0.0	1.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls10	30753.57	0.0	4.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	31242.46	0.0	7.0	0.0	-1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	31731.35	0.0	10.0	0.0	-1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls10	32220.24	0.0	13.0	0.0	-1.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls10	32220.24	0.0	-13.0	0.0	-2.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls10	32709.13	0.0	-10.0	0.0	-2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls10	33198.02	0.0	-7.0	0.0	-2.0	0.0	-0.2
B413	743	GEO_Eqn_6.12b_nls10	33686.91	0.0	-4.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls10	34175.79	0.0	-1.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	34664.68	0.0	2.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls10	35153.57	0.0	5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls10	35642.46	0.0	9.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls10	36131.35	0.0	12.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls10	36620.24	0.0	15.0	0.0	-2.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls10	36620.24	0.0	-19.0	0.0	-7.0	0.0	-17.0
B413	743	GEO_Eqn_6.12b_nls10	37095.23	0.0	-16.0	0.0	-7.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls10	37570.22	0.0	-13.0	0.0	-7.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls10	38045.22	0.0	-10.0	0.0	-7.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls10	38520.21	0.0	-7.0	0.0	-7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls10	38995.2	0.0	-4.0	0.0	-7.0	0.0	11.0
B413	743	GEO_Eqn_6.12b_nls10	39470.19	0.0	-1.0	0.0	-7.0	0.0	12.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls10	39945.18	0.0	2.0	0.0	-7.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls10	40420.18	0.0	5.0	0.0	-7.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls10	40895.17	0.0	8.0	0.0	-7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls10	41370.16	0.0	11.0	0.0	-7.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	0	0.0	-15.0	0.0	9.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls11	485.02	0.0	-12.0	0.0	9.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	970.04	0.0	-9.0	0.0	9.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls11	1455.06	0.0	-6.0	0.0	9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls11	1940.08	0.0	-3.0	0.0	9.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls11	2425.1	0.0	0.1	0.0	9.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls11	2910.12	0.0	3.0	0.0	9.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls11	3395.14	0.0	6.0	0.0	9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls11	3880.16	0.0	9.0	0.0	9.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls11	4365.18	0.0	12.0	0.0	9.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	4850.2	0.0	15.0	0.0	9.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls11	5335.22	0.0	18.0	0.0	9.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls11	5820.24	0.0	21.0	0.0	9.0	0.0	-22.0
B413	743	GEO_Eqn_6.12b_nls11	5820.24	0.0	-15.0	0.0	2.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls11	6309.13	0.0	-12.0	0.0	2.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls11	6798.02	0.0	-9.0	0.0	2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls11	7286.91	0.0	-6.0	0.0	2.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls11	7775.79	0.0	-3.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls11	8264.68	0.0	0.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	8753.57	0.0	3.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls11	9242.46	0.0	6.0	0.0	2.0	0.0	-0.5
B413	743	GEO_Eqn_6.12b_nls11	9731.35	0.0	9.0	0.0	2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls11	10220.24	0.0	12.0	0.0	2.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls11	10220.24	0.0	-13.0	0.0	0.3	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls11	10709.13	0.0	-10.0	0.0	0.3	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls11	11198.02	0.0	-7.0	0.0	0.3	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls11	11686.91	0.0	-4.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	12175.79	0.0	-1.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	12664.68	0.0	2.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	13153.57	0.0	5.0	0.0	0.3	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	13642.46	0.0	8.0	0.0	0.3	0.0	-0.3
B413	743	GEO_Eqn_6.12b_nls11	14131.35	0.0	12.0	0.0	0.3	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls11	14620.24	0.0	15.0	0.0	0.3	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls11	14620.24	0.0	-13.0	0.0	0.3	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls11	15109.13	0.0	-10.0	0.0	0.3	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls11	15598.02	0.0	-7.0	0.0	0.3	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls11	16086.91	0.0	-4.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	16575.79	0.0	-1.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	17064.68	0.0	2.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	17553.57	0.0	5.0	0.0	0.3	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	18042.46	0.0	8.0	0.0	0.3	0.0	-0.2
B413	743	GEO_Eqn_6.12b_nls11	18531.35	0.0	11.0	0.0	0.3	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls11	19020.24	0.0	14.0	0.0	0.3	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls11	19020.24	0.0	-13.0	0.0	-0.2	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls11	19509.13	0.0	-10.0	0.0	-0.2	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls11	19998.02	0.0	-7.0	0.0	-0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls11	20486.91	0.0	-4.0	0.0	-0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	20975.79	0.0	-1.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	21464.68	0.0	2.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	21953.57	0.0	5.0	0.0	-0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	22442.46	0.0	8.0	0.0	-0.2	0.0	-0.2
B413	743	GEO_Eqn_6.12b_nls11	22931.35	0.0	11.0	0.0	-0.2	0.0	-5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls11	23420.24	0.0	14.0	0.0	-0.2	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls11	23420.24	0.0	-13.0	0.0	0.2	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls11	23909.13	0.0	-10.0	0.0	0.2	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls11	24398.02	0.0	-7.0	0.0	0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls11	24886.91	0.0	-4.0	0.0	0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	25375.79	0.0	-1.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	25864.68	0.0	2.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	26353.57	0.0	5.0	0.0	0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	26842.46	0.0	8.0	0.0	0.2	0.0	-0.3
B413	743	GEO_Eqn_6.12b_nls11	27331.35	0.0	11.0	0.0	0.2	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls11	27820.24	0.0	14.0	0.0	0.2	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls11	27820.24	0.0	-13.0	0.0	-1.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls11	28309.13	0.0	-10.0	0.0	-1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls11	28798.02	0.0	-7.0	0.0	-1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls11	29286.91	0.0	-4.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	29775.79	0.0	-1.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	30264.68	0.0	2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	30753.57	0.0	5.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	31242.46	0.0	8.0	0.0	-1.0	0.0	0.1
B413	743	GEO_Eqn_6.12b_nls11	31731.35	0.0	11.0	0.0	-1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls11	32220.24	0.0	14.0	0.0	-1.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls11	32220.24	0.0	-13.0	0.0	-2.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls11	32709.13	0.0	-10.0	0.0	-2.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls11	33198.02	0.0	-7.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls11	33686.91	0.0	-4.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	34175.79	0.0	-1.0	0.0	-2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	34664.68	0.0	3.0	0.0	-2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	35153.57	0.0	6.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls11	35642.46	0.0	9.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls11	36131.35	0.0	12.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls11	36620.24	0.0	15.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls11	36620.24	0.0	-15.0	0.0	-10.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls11	37095.23	0.0	-12.0	0.0	-10.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls11	37570.22	0.0	-9.0	0.0	-10.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls11	38045.22	0.0	-6.0	0.0	-10.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls11	38520.21	0.0	-3.0	0.0	-10.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls11	38995.2	0.0	-0.4	0.0	-10.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls11	39470.19	0.0	3.0	0.0	-10.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls11	39945.18	0.0	6.0	0.0	-10.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls11	40420.18	0.0	8.0	0.0	-10.0	0.0	0.5
B413	743	GEO_Eqn_6.12b_nls11	40895.17	0.0	11.0	0.0	-10.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls11	41370.16	0.0	14.0	0.0	-10.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls12	0	0.0	-17.0	0.0	9.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls12	485.02	0.0	-14.0	0.0	9.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls12	970.04	0.0	-11.0	0.0	9.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls12	1455.06	0.0	-8.0	0.0	9.0	0.0	7.0
B413	743	GEO_Eqn_6.12b_nls12	1940.08	0.0	-5.0	0.0	9.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls12	2425.1	0.0	-2.0	0.0	9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls12	2910.12	0.0	1.0	0.0	9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls12	3395.14	0.0	4.0	0.0	9.0	0.0	11.0
B413	743	GEO_Eqn_6.12b_nls12	3880.16	0.0	7.0	0.0	9.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls12	4365.18	0.0	10.0	0.0	9.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls12	4850.2	0.0	13.0	0.0	9.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls12	5335.22	0.0	16.0	0.0	9.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls12	5820.24	0.0	19.0	0.0	9.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls12	5820.24	0.0	-16.0	0.0	2.0	0.0	-17.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls12	6309.13	0.0	-13.0	0.0	2.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls12	6798.02	0.0	-10.0	0.0	2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls12	7286.91	0.0	-7.0	0.0	2.0	0.0	-0.3
B413	743	GEO_Eqn_6.12b_nls12	7775.79	0.0	-4.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls12	8264.68	0.0	-1.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	8753.57	0.0	3.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	9242.46	0.0	6.0	0.0	2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls12	9731.35	0.0	9.0	0.0	2.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls12	10220.24	0.0	12.0	0.0	2.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls12	10220.24	0.0	-14.0	0.0	0.2	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls12	10709.13	0.0	-11.0	0.0	0.2	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls12	11198.02	0.0	-8.0	0.0	0.2	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls12	11686.91	0.0	-5.0	0.0	0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	12175.79	0.0	-2.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	12664.68	0.0	1.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	13153.57	0.0	4.0	0.0	0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls12	13642.46	0.0	7.0	0.0	0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls12	14131.35	0.0	10.0	0.0	0.2	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls12	14620.24	0.0	14.0	0.0	0.2	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls12	14620.24	0.0	-14.0	0.0	0.3	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls12	15109.13	0.0	-11.0	0.0	0.3	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls12	15598.02	0.0	-8.0	0.0	0.3	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls12	16086.91	0.0	-5.0	0.0	0.3	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	16575.79	0.0	-2.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	17064.68	0.0	1.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	17553.57	0.0	4.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls12	18042.46	0.0	7.0	0.0	0.3	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls12	18531.35	0.0	10.0	0.0	0.3	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls12	19020.24	0.0	13.0	0.0	0.3	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls12	19020.24	0.0	-14.0	0.0	-0.2	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls12	19509.13	0.0	-11.0	0.0	-0.2	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls12	19998.02	0.0	-8.0	0.0	-0.2	0.0	-0.2
B413	743	GEO_Eqn_6.12b_nls12	20486.91	0.0	-5.0	0.0	-0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	20975.79	0.0	-2.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	21464.68	0.0	1.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	21953.57	0.0	4.0	0.0	-0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls12	22442.46	0.0	7.0	0.0	-0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls12	22931.35	0.0	10.0	0.0	-0.2	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls12	23420.24	0.0	13.0	0.0	-0.2	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls12	23420.24	0.0	-14.0	0.0	0.1	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls12	23909.13	0.0	-11.0	0.0	0.1	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls12	24398.02	0.0	-8.0	0.0	0.1	0.0	-0.1
B413	743	GEO_Eqn_6.12b_nls12	24886.91	0.0	-5.0	0.0	0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	25375.79	0.0	-2.0	0.0	0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	25864.68	0.0	1.0	0.0	0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	26353.57	0.0	4.0	0.0	0.1	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls12	26842.46	0.0	7.0	0.0	0.1	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls12	27331.35	0.0	10.0	0.0	0.1	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls12	27820.24	0.0	13.0	0.0	0.1	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls12	27820.24	0.0	-14.0	0.0	-1.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls12	28309.13	0.0	-11.0	0.0	-1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls12	28798.02	0.0	-8.0	0.0	-1.0	0.0	-0.1
B413	743	GEO_Eqn_6.12b_nls12	29286.91	0.0	-5.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	29775.79	0.0	-2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	30264.68	0.0	1.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls12	30753.57	0.0	4.0	0.0	-1.0	0.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls12	31242.46	0.0	7.0	0.0	-1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls12	31731.35	0.0	10.0	0.0	-1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls12	32220.24	0.0	13.0	0.0	-1.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls12	32220.24	0.0	-13.0	0.0	-2.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls12	32709.13	0.0	-10.0	0.0	-2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls12	33198.02	0.0	-7.0	0.0	-2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls12	33686.91	0.0	-4.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls12	34175.79	0.0	-1.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	34664.68	0.0	2.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	35153.57	0.0	5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls12	35642.46	0.0	8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls12	36131.35	0.0	11.0	0.0	-2.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls12	36620.24	0.0	14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls12	36620.24	0.0	-18.0	0.0	-10.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls12	37095.23	0.0	-15.0	0.0	-10.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls12	37570.22	0.0	-12.0	0.0	-10.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls12	38045.22	0.0	-9.0	0.0	-10.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls12	38520.21	0.0	-6.0	0.0	-10.0	0.0	7.0
B413	743	GEO_Eqn_6.12b_nls12	38995.2	0.0	-3.0	0.0	-10.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls12	39470.19	0.0	-0.3	0.0	-10.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls12	39945.18	0.0	3.0	0.0	-10.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls12	40420.18	0.0	6.0	0.0	-10.0	0.0	7.0
B413	743	GEO_Eqn_6.12b_nls12	40895.17	0.0	9.0	0.0	-10.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls12	41370.16	0.0	12.0	0.0	-10.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls13	0	0.0	-14.0	0.0	6.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls13	485.02	0.0	-11.0	0.0	6.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls13	970.04	0.0	-8.0	0.0	6.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls13	1455.06	0.0	-5.0	0.0	6.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls13	1940.08	0.0	-2.0	0.0	6.0	0.0	17.0
B413	743	GEO_Eqn_6.12b_nls13	2425.1	0.0	1.0	0.0	6.0	0.0	18.0
B413	743	GEO_Eqn_6.12b_nls13	2910.12	0.0	4.0	0.0	6.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls13	3395.14	0.0	7.0	0.0	6.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls13	3880.16	0.0	10.0	0.0	6.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls13	4365.18	0.0	13.0	0.0	6.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls13	4850.2	0.0	16.0	0.0	6.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls13	5335.22	0.0	19.0	0.0	6.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls13	5820.24	0.0	22.0	0.0	6.0	0.0	-22.0
B413	743	GEO_Eqn_6.12b_nls13	5820.24	0.0	-16.0	0.0	2.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls13	6309.13	0.0	-13.0	0.0	2.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls13	6798.02	0.0	-10.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls13	7286.91	0.0	-7.0	0.0	2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls13	7775.79	0.0	-4.0	0.0	2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls13	8264.68	0.0	-1.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls13	8753.57	0.0	2.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls13	9242.46	0.0	5.0	0.0	2.0	0.0	0.0
B413	743	GEO_Eqn_6.12b_nls13	9731.35	0.0	8.0	0.0	2.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls13	10220.24	0.0	12.0	0.0	2.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls13	10220.24	0.0	-13.0	0.0	1.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls13	10709.13	0.0	-10.0	0.0	1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls13	11198.02	0.0	-7.0	0.0	1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls13	11686.91	0.0	-4.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls13	12175.79	0.0	-1.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	12664.68	0.0	2.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	13153.57	0.0	5.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls13	13642.46	0.0	8.0	0.0	1.0	0.0	0.3
B413	743	GEO_Eqn_6.12b_nls13	14131.35	0.0	11.0	0.0	1.0	0.0	-4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls13	14620.24	0.0	14.0	0.0	1.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls13	14620.24	0.0	-14.0	0.0	0.3	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	15109.13	0.0	-11.0	0.0	0.3	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	15598.02	0.0	-8.0	0.0	0.3	0.0	0.3
B413	743	GEO_Eqn_6.12b_nls13	16086.91	0.0	-5.0	0.0	0.3	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	16575.79	0.0	-1.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	17064.68	0.0	2.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	17553.57	0.0	5.0	0.0	0.3	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	18042.46	0.0	8.0	0.0	0.3	0.0	0.2
B413	743	GEO_Eqn_6.12b_nls13	18531.35	0.0	11.0	0.0	0.3	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	19020.24	0.0	14.0	0.0	0.3	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	19020.24	0.0	-14.0	0.0	0.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	19509.13	0.0	-11.0	0.0	0.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	19998.02	0.0	-8.0	0.0	0.0	0.0	0.5
B413	743	GEO_Eqn_6.12b_nls13	20486.91	0.0	-5.0	0.0	0.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	20975.79	0.0	-1.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	21464.68	0.0	2.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	21953.57	0.0	5.0	0.0	0.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	22442.46	0.0	8.0	0.0	0.0	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls13	22931.35	0.0	11.0	0.0	0.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	23420.24	0.0	14.0	0.0	0.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	23420.24	0.0	-14.0	0.0	-0.2	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	23909.13	0.0	-11.0	0.0	-0.2	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	24398.02	0.0	-7.0	0.0	-0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls13	24886.91	0.0	-4.0	0.0	-0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	25375.79	0.0	-1.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	25864.68	0.0	2.0	0.0	-0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	26353.57	0.0	5.0	0.0	-0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	26842.46	0.0	8.0	0.0	-0.2	0.0	0.2
B413	743	GEO_Eqn_6.12b_nls13	27331.35	0.0	11.0	0.0	-0.2	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	27820.24	0.0	14.0	0.0	-0.2	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	27820.24	0.0	-14.0	0.0	-1.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	28309.13	0.0	-11.0	0.0	-1.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	28798.02	0.0	-8.0	0.0	-1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls13	29286.91	0.0	-5.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls13	29775.79	0.0	-2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	30264.68	0.0	1.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls13	30753.57	0.0	5.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls13	31242.46	0.0	8.0	0.0	-1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls13	31731.35	0.0	11.0	0.0	-1.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	32220.24	0.0	14.0	0.0	-1.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls13	32220.24	0.0	-13.0	0.0	-2.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls13	32709.13	0.0	-10.0	0.0	-2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls13	33198.02	0.0	-7.0	0.0	-2.0	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls13	33686.91	0.0	-4.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	34175.79	0.0	-1.0	0.0	-2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls13	34664.68	0.0	3.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls13	35153.57	0.0	6.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls13	35642.46	0.0	9.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls13	36131.35	0.0	12.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls13	36620.24	0.0	15.0	0.0	-2.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls13	36620.24	0.0	-17.0	0.0	-8.0	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls13	37095.23	0.0	-14.0	0.0	-8.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls13	37570.22	0.0	-11.0	0.0	-8.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls13	38045.22	0.0	-8.0	0.0	-8.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls13	38520.21	0.0	-5.0	0.0	-8.0	0.0	7.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls13	38995.2	0.0	-2.0	0.0	-8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls13	39470.19	0.0	0.5	0.0	-8.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls13	39945.18	0.0	3.0	0.0	-8.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls13	40420.18	0.0	6.0	0.0	-8.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls13	40895.17	0.0	9.0	0.0	-8.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls13	41370.16	0.0	12.0	0.0	-8.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	6.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls14	485.02	0.0	-13.0	0.0	6.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls14	970.04	0.0	-10.0	0.0	6.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls14	1455.06	0.0	-7.0	0.0	6.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls14	1940.08	0.0	-4.0	0.0	6.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls14	2425.1	0.0	-1.0	0.0	6.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls14	2910.12	0.0	2.0	0.0	6.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls14	3395.14	0.0	5.0	0.0	6.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls14	3880.16	0.0	8.0	0.0	6.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls14	4365.18	0.0	11.0	0.0	6.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls14	4850.2	0.0	14.0	0.0	6.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls14	5335.22	0.0	17.0	0.0	6.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls14	5820.24	0.0	20.0	0.0	6.0	0.0	-19.0
B413	743	GEO_Eqn_6.12b_nls14	5820.24	0.0	-17.0	0.0	2.0	0.0	-19.0
B413	743	GEO_Eqn_6.12b_nls14	6309.13	0.0	-13.0	0.0	2.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls14	6798.02	0.0	-10.0	0.0	2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls14	7286.91	0.0	-7.0	0.0	2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls14	7775.79	0.0	-4.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls14	8264.68	0.0	-1.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	8753.57	0.0	2.0	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	9242.46	0.0	5.0	0.0	2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls14	9731.35	0.0	8.0	0.0	2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls14	10220.24	0.0	11.0	0.0	2.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls14	10220.24	0.0	-14.0	0.0	0.3	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls14	10709.13	0.0	-11.0	0.0	0.3	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls14	11198.02	0.0	-8.0	0.0	0.3	0.0	0.2
B413	743	GEO_Eqn_6.12b_nls14	11686.91	0.0	-5.0	0.0	0.3	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	12175.79	0.0	-2.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	12664.68	0.0	1.0	0.0	0.3	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	13153.57	0.0	4.0	0.0	0.3	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls14	13642.46	0.0	7.0	0.0	0.3	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls14	14131.35	0.0	10.0	0.0	0.3	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls14	14620.24	0.0	13.0	0.0	0.3	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls14	14620.24	0.0	-15.0	0.0	1.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls14	15109.13	0.0	-12.0	0.0	1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls14	15598.02	0.0	-9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls14	16086.91	0.0	-6.0	0.0	1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	16575.79	0.0	-2.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	17064.68	0.0	1.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	17553.57	0.0	4.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls14	18042.46	0.0	7.0	0.0	1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls14	18531.35	0.0	10.0	0.0	1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls14	19020.24	0.0	13.0	0.0	1.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls14	19020.24	0.0	-14.0	0.0	-0.5	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls14	19509.13	0.0	-11.0	0.0	-0.5	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls14	19998.02	0.0	-8.0	0.0	-0.5	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls14	20486.91	0.0	-5.0	0.0	-0.5	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	20975.79	0.0	-2.0	0.0	-0.5	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	21464.68	0.0	1.0	0.0	-0.5	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	21953.57	0.0	4.0	0.0	-0.5	0.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls14	22442.46	0.0	7.0	0.0	-0.5	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls14	22931.35	0.0	10.0	0.0	-0.5	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls14	23420.24	0.0	13.0	0.0	-0.5	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls14	23420.24	0.0	-15.0	0.0	0.2	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls14	23909.13	0.0	-12.0	0.0	0.2	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls14	24398.02	0.0	-9.0	0.0	0.2	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls14	24886.91	0.0	-5.0	0.0	0.2	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	25375.79	0.0	-2.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	25864.68	0.0	1.0	0.0	0.2	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	26353.57	0.0	4.0	0.0	0.2	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls14	26842.46	0.0	7.0	0.0	0.2	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls14	27331.35	0.0	10.0	0.0	0.2	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls14	27820.24	0.0	13.0	0.0	0.2	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls14	27820.24	0.0	-15.0	0.0	-1.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls14	28309.13	0.0	-12.0	0.0	-1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls14	28798.02	0.0	-9.0	0.0	-1.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls14	29286.91	0.0	-6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	29775.79	0.0	-2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	30264.68	0.0	1.0	0.0	-1.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls14	30753.57	0.0	4.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls14	31242.46	0.0	7.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls14	31731.35	0.0	10.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls14	32220.24	0.0	13.0	0.0	-1.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls14	32220.24	0.0	-13.0	0.0	-2.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls14	32709.13	0.0	-10.0	0.0	-2.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls14	33198.02	0.0	-7.0	0.0	-2.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls14	33686.91	0.0	-4.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls14	34175.79	0.0	-1.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	34664.68	0.0	2.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls14	35153.57	0.0	5.0	0.0	-2.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls14	35642.46	0.0	8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls14	36131.35	0.0	11.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls14	36620.24	0.0	14.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls14	36620.24	0.0	-20.0	0.0	-7.0	0.0	-18.0
B413	743	GEO_Eqn_6.12b_nls14	37095.23	0.0	-17.0	0.0	-7.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls14	37570.22	0.0	-14.0	0.0	-7.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls14	38045.22	0.0	-11.0	0.0	-7.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls14	38520.21	0.0	-8.0	0.0	-7.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls14	38995.2	0.0	-5.0	0.0	-7.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls14	39470.19	0.0	-2.0	0.0	-7.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls14	39945.18	0.0	1.0	0.0	-7.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls14	40420.18	0.0	4.0	0.0	-7.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls14	40895.17	0.0	7.0	0.0	-7.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls14	41370.16	0.0	10.0	0.0	-7.0	0.0	7.0
B413	743	GEO_Eqn_6.12b_nls15	0	0.0	-14.0	0.0	9.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls15	485.02	0.0	-11.0	0.0	9.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	970.04	0.0	-8.0	0.0	9.0	0.0	10.0
B413	743	GEO_Eqn_6.12b_nls15	1455.06	0.0	-5.0	0.0	9.0	0.0	13.0
B413	743	GEO_Eqn_6.12b_nls15	1940.08	0.0	-2.0	0.0	9.0	0.0	15.0
B413	743	GEO_Eqn_6.12b_nls15	2425.1	0.0	1.0	0.0	9.0	0.0	16.0
B413	743	GEO_Eqn_6.12b_nls15	2910.12	0.0	4.0	0.0	9.0	0.0	14.0
B413	743	GEO_Eqn_6.12b_nls15	3395.14	0.0	7.0	0.0	9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls15	3880.16	0.0	10.0	0.0	9.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls15	4365.18	0.0	13.0	0.0	9.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	4850.2	0.0	16.0	0.0	9.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls15	5335.22	0.0	19.0	0.0	9.0	0.0	-13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls15	5820.24	0.0	22.0	0.0	9.0	0.0	-23.0
B413	743	GEO_Eqn_6.12b_nls15	5820.24	0.0	-15.0	0.0	3.0	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls15	6309.13	0.0	-12.0	0.0	3.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls15	6798.02	0.0	-9.0	0.0	3.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls15	7286.91	0.0	-6.0	0.0	3.0	0.0	-0.1
B413	743	GEO_Eqn_6.12b_nls15	7775.79	0.0	-3.0	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	8264.68	0.0	0.4	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	8753.57	0.0	3.0	0.0	3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	9242.46	0.0	7.0	0.0	3.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls15	9731.35	0.0	10.0	0.0	3.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls15	10220.24	0.0	13.0	0.0	3.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls15	10220.24	0.0	-12.0	0.0	0.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls15	10709.13	0.0	-9.0	0.0	0.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls15	11198.02	0.0	-6.0	0.0	0.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	11686.91	0.0	-3.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	12175.79	0.0	-0.2	0.0	0.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls15	12664.68	0.0	3.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	13153.57	0.0	6.0	0.0	0.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls15	13642.46	0.0	9.0	0.0	0.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls15	14131.35	0.0	12.0	0.0	0.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls15	14620.24	0.0	15.0	0.0	0.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls15	14620.24	0.0	-13.0	0.0	1.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls15	15109.13	0.0	-10.0	0.0	1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls15	15598.02	0.0	-7.0	0.0	1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls15	16086.91	0.0	-4.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	16575.79	0.0	-1.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	17064.68	0.0	2.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	17553.57	0.0	5.0	0.0	1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls15	18042.46	0.0	8.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls15	18531.35	0.0	11.0	0.0	1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls15	19020.24	0.0	15.0	0.0	1.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls15	19020.24	0.0	-13.0	0.0	-0.5	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls15	19509.13	0.0	-10.0	0.0	-0.5	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls15	19998.02	0.0	-7.0	0.0	-0.5	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	20486.91	0.0	-4.0	0.0	-0.5	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	20975.79	0.0	-1.0	0.0	-0.5	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	21464.68	0.0	3.0	0.0	-0.5	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	21953.57	0.0	6.0	0.0	-0.5	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls15	22442.46	0.0	9.0	0.0	-0.5	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls15	22931.35	0.0	12.0	0.0	-0.5	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls15	23420.24	0.0	15.0	0.0	-0.5	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls15	23420.24	0.0	-13.0	0.0	1.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls15	23909.13	0.0	-10.0	0.0	1.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls15	24398.02	0.0	-7.0	0.0	1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls15	24886.91	0.0	-4.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	25375.79	0.0	-1.0	0.0	1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	25864.68	0.0	2.0	0.0	1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	26353.57	0.0	6.0	0.0	1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls15	26842.46	0.0	9.0	0.0	1.0	0.0	-1.0
B413	743	GEO_Eqn_6.12b_nls15	27331.35	0.0	12.0	0.0	1.0	0.0	-6.0
B413	743	GEO_Eqn_6.12b_nls15	27820.24	0.0	15.0	0.0	1.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls15	27820.24	0.0	-13.0	0.0	-1.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls15	28309.13	0.0	-10.0	0.0	-1.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls15	28798.02	0.0	-7.0	0.0	-1.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	29286.91	0.0	-4.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	29775.79	0.0	-1.0	0.0	-1.0	0.0	5.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls15	30264.68	0.0	2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	30753.57	0.0	6.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls15	31242.46	0.0	9.0	0.0	-1.0	0.0	-0.4
B413	743	GEO_Eqn_6.12b_nls15	31731.35	0.0	12.0	0.0	-1.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls15	32220.24	0.0	15.0	0.0	-1.0	0.0	-12.0
B413	743	GEO_Eqn_6.12b_nls15	32220.24	0.0	-12.0	0.0	-3.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls15	32709.13	0.0	-9.0	0.0	-3.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls15	33198.02	0.0	-6.0	0.0	-3.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls15	33686.91	0.0	-3.0	0.0	-3.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls15	34175.79	0.0	-0.3	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	34664.68	0.0	3.0	0.0	-3.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	35153.57	0.0	6.0	0.0	-3.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	35642.46	0.0	9.0	0.0	-3.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls15	36131.35	0.0	12.0	0.0	-3.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls15	36620.24	0.0	15.0	0.0	-3.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls15	36620.24	0.0	-14.0	0.0	-9.0	0.0	-11.0
B413	743	GEO_Eqn_6.12b_nls15	37095.23	0.0	-11.0	0.0	-9.0	0.0	-5.0
B413	743	GEO_Eqn_6.12b_nls15	37570.22	0.0	-8.0	0.0	-9.0	0.0	-0.1
B413	743	GEO_Eqn_6.12b_nls15	38045.22	0.0	-5.0	0.0	-9.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls15	38520.21	0.0	-2.0	0.0	-9.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	38995.2	0.0	1.0	0.0	-9.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls15	39470.19	0.0	4.0	0.0	-9.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls15	39945.18	0.0	7.0	0.0	-9.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls15	40420.18	0.0	10.0	0.0	-9.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls15	40895.17	0.0	13.0	0.0	-9.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls15	41370.16	0.0	15.0	0.0	-9.0	0.0	-14.0
B413	743	GEO_Eqn_6.12b_nls16	0	0.0	-17.0	0.0	9.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls16	485.02	0.0	-13.0	0.0	9.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls16	970.04	0.0	-10.0	0.0	9.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls16	1455.06	0.0	-7.0	0.0	9.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls16	1940.08	0.0	-4.0	0.0	9.0	0.0	11.0
B413	743	GEO_Eqn_6.12b_nls16	2425.1	0.0	-1.0	0.0	9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls16	2910.12	0.0	2.0	0.0	9.0	0.0	12.0
B413	743	GEO_Eqn_6.12b_nls16	3395.14	0.0	5.0	0.0	9.0	0.0	11.0
B413	743	GEO_Eqn_6.12b_nls16	3880.16	0.0	8.0	0.0	9.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls16	4365.18	0.0	11.0	0.0	9.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	4850.2	0.0	14.0	0.0	9.0	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls16	5335.22	0.0	17.0	0.0	9.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	5820.24	0.0	20.0	0.0	9.0	0.0	-19.0
B413	743	GEO_Eqn_6.12b_nls16	5820.24	0.0	-15.0	0.0	2.0	0.0	-16.0
B413	743	GEO_Eqn_6.12b_nls16	6309.13	0.0	-12.0	0.0	2.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls16	6798.02	0.0	-9.0	0.0	2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	7286.91	0.0	-6.0	0.0	2.0	0.0	-0.2
B413	743	GEO_Eqn_6.12b_nls16	7775.79	0.0	-3.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls16	8264.68	0.0	-0.1	0.0	2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	8753.57	0.0	3.0	0.0	2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls16	9242.46	0.0	6.0	0.0	2.0	0.0	0.1
B413	743	GEO_Eqn_6.12b_nls16	9731.35	0.0	9.0	0.0	2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	10220.24	0.0	12.0	0.0	2.0	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls16	10220.24	0.0	-14.0	0.0	0.4	0.0	-9.0
B413	743	GEO_Eqn_6.12b_nls16	10709.13	0.0	-10.0	0.0	0.4	0.0	-3.0
B413	743	GEO_Eqn_6.12b_nls16	11198.02	0.0	-7.0	0.0	0.4	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls16	11686.91	0.0	-4.0	0.0	0.4	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls16	12175.79	0.0	-1.0	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	12664.68	0.0	2.0	0.0	0.4	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	13153.57	0.0	5.0	0.0	0.4	0.0	3.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls16	13642.46	0.0	8.0	0.0	0.4	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls16	14131.35	0.0	11.0	0.0	0.4	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	14620.24	0.0	14.0	0.0	0.4	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	14620.24	0.0	-14.0	0.0	0.1	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	15109.13	0.0	-11.0	0.0	0.1	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	15598.02	0.0	-8.0	0.0	0.1	0.0	0.2
B413	743	GEO_Eqn_6.12b_nls16	16086.91	0.0	-5.0	0.0	0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	16575.79	0.0	-2.0	0.0	0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	17064.68	0.0	1.0	0.0	0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	17553.57	0.0	5.0	0.0	0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	18042.46	0.0	8.0	0.0	0.1	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls16	18531.35	0.0	11.0	0.0	0.1	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	19020.24	0.0	14.0	0.0	0.1	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	19020.24	0.0	-14.0	0.0	-0.1	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	19509.13	0.0	-11.0	0.0	-0.1	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	19998.02	0.0	-8.0	0.0	-0.1	0.0	0.3
B413	743	GEO_Eqn_6.12b_nls16	20486.91	0.0	-5.0	0.0	-0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	20975.79	0.0	-2.0	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	21464.68	0.0	1.0	0.0	-0.1	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	21953.57	0.0	4.0	0.0	-0.1	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	22442.46	0.0	8.0	0.0	-0.1	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls16	22931.35	0.0	11.0	0.0	-0.1	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	23420.24	0.0	14.0	0.0	-0.1	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	23420.24	0.0	-14.0	0.0	0.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	23909.13	0.0	-11.0	0.0	0.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	24398.02	0.0	-8.0	0.0	0.0	0.0	0.4
B413	743	GEO_Eqn_6.12b_nls16	24886.91	0.0	-5.0	0.0	0.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	25375.79	0.0	-1.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	25864.68	0.0	2.0	0.0	0.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	26353.57	0.0	5.0	0.0	0.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	26842.46	0.0	8.0	0.0	0.0	0.0	0.3
B413	743	GEO_Eqn_6.12b_nls16	27331.35	0.0	11.0	0.0	0.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	27820.24	0.0	14.0	0.0	0.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	27820.24	0.0	-14.0	0.0	-1.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	28309.13	0.0	-11.0	0.0	-1.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	28798.02	0.0	-8.0	0.0	-1.0	0.0	0.3
B413	743	GEO_Eqn_6.12b_nls16	29286.91	0.0	-5.0	0.0	-1.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	29775.79	0.0	-2.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	30264.68	0.0	1.0	0.0	-1.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	30753.57	0.0	4.0	0.0	-1.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls16	31242.46	0.0	7.0	0.0	-1.0	0.0	1.0
B413	743	GEO_Eqn_6.12b_nls16	31731.35	0.0	11.0	0.0	-1.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	32220.24	0.0	14.0	0.0	-1.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	32220.24	0.0	-13.0	0.0	-2.0	0.0	-10.0
B413	743	GEO_Eqn_6.12b_nls16	32709.13	0.0	-10.0	0.0	-2.0	0.0	-4.0
B413	743	GEO_Eqn_6.12b_nls16	33198.02	0.0	-7.0	0.0	-2.0	0.0	0.1
B413	743	GEO_Eqn_6.12b_nls16	33686.91	0.0	-4.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	34175.79	0.0	-1.0	0.0	-2.0	0.0	4.0
B413	743	GEO_Eqn_6.12b_nls16	34664.68	0.0	2.0	0.0	-2.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	35153.57	0.0	5.0	0.0	-2.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls16	35642.46	0.0	8.0	0.0	-2.0	0.0	-2.0
B413	743	GEO_Eqn_6.12b_nls16	36131.35	0.0	12.0	0.0	-2.0	0.0	-7.0
B413	743	GEO_Eqn_6.12b_nls16	36620.24	0.0	15.0	0.0	-2.0	0.0	-13.0
B413	743	GEO_Eqn_6.12b_nls16	36620.24	0.0	-17.0	0.0	-9.0	0.0	-15.0
B413	743	GEO_Eqn_6.12b_nls16	37095.23	0.0	-14.0	0.0	-9.0	0.0	-8.0
B413	743	GEO_Eqn_6.12b_nls16	37570.22	0.0	-11.0	0.0	-9.0	0.0	-1.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B413	743	GEO_Eqn_6.12b_nls16	38045.22	0.0	-8.0	0.0	-9.0	0.0	3.0
B413	743	GEO_Eqn_6.12b_nls16	38520.21	0.0	-5.0	0.0	-9.0	0.0	6.0
B413	743	GEO_Eqn_6.12b_nls16	38995.2	0.0	-2.0	0.0	-9.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls16	39470.19	0.0	1.0	0.0	-9.0	0.0	9.0
B413	743	GEO_Eqn_6.12b_nls16	39945.18	0.0	4.0	0.0	-9.0	0.0	8.0
B413	743	GEO_Eqn_6.12b_nls16	40420.18	0.0	7.0	0.0	-9.0	0.0	5.0
B413	743	GEO_Eqn_6.12b_nls16	40895.17	0.0	9.0	0.0	-9.0	0.0	2.0
B413	743	GEO_Eqn_6.12b_nls16	41370.16	0.0	12.0	0.0	-9.0	0.0	-4.0
B414	768	GEO_Eqn_6.12b_nls01	0	0.0	-19.0	0.0	-3.0	0.0	-5.0
B414	768	GEO_Eqn_6.12b_nls01	492.31	0.0	-16.0	0.0	-3.0	0.0	3.0
B414	768	GEO_Eqn_6.12b_nls01	984.62	0.0	-12.0	0.0	-3.0	0.0	10.0
B414	768	GEO_Eqn_6.12b_nls01	1476.92	0.0	-9.0	0.0	-3.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls01	1969.23	0.0	-6.0	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls01	2461.54	0.0	-3.0	0.0	-3.0	0.0	22.0
B414	768	GEO_Eqn_6.12b_nls01	2953.85	0.0	-0.2	0.0	-3.0	0.0	23.0
B414	768	GEO_Eqn_6.12b_nls01	3446.15	0.0	3.0	0.0	-3.0	0.0	22.0
B414	768	GEO_Eqn_6.12b_nls01	3938.46	0.0	6.0	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls01	4430.77	0.0	9.0	0.0	-3.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls01	4923.08	0.0	12.0	0.0	-3.0	0.0	11.0
B414	768	GEO_Eqn_6.12b_nls01	5415.38	0.0	15.0	0.0	-3.0	0.0	4.0
B414	768	GEO_Eqn_6.12b_nls01	5907.69	0.0	18.0	0.0	-3.0	0.0	-4.0
B414	768	GEO_Eqn_6.12b_nls01	6400	0.0	21.0	0.0	-3.0	0.0	-14.0
B414	768	GEO_Eqn_6.12b_nls02	0	0.0	-20.0	0.0	-3.0	0.0	-10.0
B414	768	GEO_Eqn_6.12b_nls02	492.31	0.0	-17.0	0.0	-3.0	0.0	-1.0
B414	768	GEO_Eqn_6.12b_nls02	984.62	0.0	-14.0	0.0	-3.0	0.0	7.0
B414	768	GEO_Eqn_6.12b_nls02	1476.92	0.0	-11.0	0.0	-3.0	0.0	13.0
B414	768	GEO_Eqn_6.12b_nls02	1969.23	0.0	-7.0	0.0	-3.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls02	2461.54	0.0	-4.0	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls02	2953.85	0.0	-1.0	0.0	-3.0	0.0	21.0
B414	768	GEO_Eqn_6.12b_nls02	3446.15	0.0	2.0	0.0	-3.0	0.0	21.0
B414	768	GEO_Eqn_6.12b_nls02	3938.46	0.0	5.0	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls02	4430.77	0.0	8.0	0.0	-3.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls02	4923.08	0.0	11.0	0.0	-3.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls02	5415.38	0.0	14.0	0.0	-3.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls02	5907.69	0.0	17.0	0.0	-3.0	0.0	-2.0
B414	768	GEO_Eqn_6.12b_nls02	6400	0.0	20.0	0.0	-3.0	0.0	-11.0
B414	768	GEO_Eqn_6.12b_nls03	0	0.0	-20.0	0.0	-2.0	0.0	-10.0
B414	768	GEO_Eqn_6.12b_nls03	492.31	0.0	-17.0	0.0	-2.0	0.0	-1.0
B414	768	GEO_Eqn_6.12b_nls03	984.62	0.0	-14.0	0.0	-2.0	0.0	7.0
B414	768	GEO_Eqn_6.12b_nls03	1476.92	0.0	-11.0	0.0	-2.0	0.0	13.0
B414	768	GEO_Eqn_6.12b_nls03	1969.23	0.0	-7.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls03	2461.54	0.0	-4.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls03	2953.85	0.0	-1.0	0.0	-2.0	0.0	21.0
B414	768	GEO_Eqn_6.12b_nls03	3446.15	0.0	2.0	0.0	-2.0	0.0	21.0
B414	768	GEO_Eqn_6.12b_nls03	3938.46	0.0	5.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls03	4430.77	0.0	8.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls03	4923.08	0.0	11.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls03	5415.38	0.0	14.0	0.0	-2.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls03	5907.69	0.0	17.0	0.0	-2.0	0.0	-2.0
B414	768	GEO_Eqn_6.12b_nls03	6400	0.0	20.0	0.0	-2.0	0.0	-11.0
B414	768	GEO_Eqn_6.12b_nls04	0	0.0	-22.0	0.0	-2.0	0.0	-20.0
B414	768	GEO_Eqn_6.12b_nls04	492.31	0.0	-19.0	0.0	-2.0	0.0	-10.0
B414	768	GEO_Eqn_6.12b_nls04	984.62	0.0	-16.0	0.0	-2.0	0.0	-1.0
B414	768	GEO_Eqn_6.12b_nls04	1476.92	0.0	-13.0	0.0	-2.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls04	1969.23	0.0	-10.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls04	2461.54	0.0	-7.0	0.0	-2.0	0.0	16.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B414	768	GEO_Eqn_6.12b_nls04	2953.85	0.0	-4.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls04	3446.15	0.0	-1.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls04	3938.46	0.0	2.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls04	4430.77	0.0	5.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls04	4923.08	0.0	9.0	0.0	-2.0	0.0	14.0
B414	768	GEO_Eqn_6.12b_nls04	5415.38	0.0	12.0	0.0	-2.0	0.0	9.0
B414	768	GEO_Eqn_6.12b_nls04	5907.69	0.0	15.0	0.0	-2.0	0.0	2.0
B414	768	GEO_Eqn_6.12b_nls04	6400	0.0	18.0	0.0	-2.0	0.0	-6.0
B414	768	GEO_Eqn_6.12b_nls05	0	0.0	-19.0	0.0	-3.0	0.0	-6.0
B414	768	GEO_Eqn_6.12b_nls05	492.31	0.0	-16.0	0.0	-3.0	0.0	3.0
B414	768	GEO_Eqn_6.12b_nls05	984.62	0.0	-13.0	0.0	-3.0	0.0	10.0
B414	768	GEO_Eqn_6.12b_nls05	1476.92	0.0	-10.0	0.0	-3.0	0.0	15.0
B414	768	GEO_Eqn_6.12b_nls05	1969.23	0.0	-7.0	0.0	-3.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls05	2461.54	0.0	-3.0	0.0	-3.0	0.0	22.0
B414	768	GEO_Eqn_6.12b_nls05	2953.85	0.0	-0.4	0.0	-3.0	0.0	23.0
B414	768	GEO_Eqn_6.12b_nls05	3446.15	0.0	3.0	0.0	-3.0	0.0	22.0
B414	768	GEO_Eqn_6.12b_nls05	3938.46	0.0	6.0	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls05	4430.77	0.0	9.0	0.0	-3.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls05	4923.08	0.0	12.0	0.0	-3.0	0.0	11.0
B414	768	GEO_Eqn_6.12b_nls05	5415.38	0.0	15.0	0.0	-3.0	0.0	5.0
B414	768	GEO_Eqn_6.12b_nls05	5907.69	0.0	18.0	0.0	-3.0	0.0	-3.0
B414	768	GEO_Eqn_6.12b_nls05	6400	0.0	21.0	0.0	-3.0	0.0	-13.0
B414	768	GEO_Eqn_6.12b_nls06	0	0.0	-21.0	0.0	-3.0	0.0	-16.0
B414	768	GEO_Eqn_6.12b_nls06	492.31	0.0	-18.0	0.0	-3.0	0.0	-6.0
B414	768	GEO_Eqn_6.12b_nls06	984.62	0.0	-15.0	0.0	-3.0	0.0	2.0
B414	768	GEO_Eqn_6.12b_nls06	1476.92	0.0	-12.0	0.0	-3.0	0.0	9.0
B414	768	GEO_Eqn_6.12b_nls06	1969.23	0.0	-9.0	0.0	-3.0	0.0	14.0
B414	768	GEO_Eqn_6.12b_nls06	2461.54	0.0	-6.0	0.0	-3.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls06	2953.85	0.0	-3.0	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls06	3446.15	0.0	0.3	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls06	3938.46	0.0	3.0	0.0	-3.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls06	4430.77	0.0	6.0	0.0	-3.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls06	4923.08	0.0	10.0	0.0	-3.0	0.0	13.0
B414	768	GEO_Eqn_6.12b_nls06	5415.38	0.0	13.0	0.0	-3.0	0.0	8.0
B414	768	GEO_Eqn_6.12b_nls06	5907.69	0.0	16.0	0.0	-3.0	0.0	1.0
B414	768	GEO_Eqn_6.12b_nls06	6400	0.0	19.0	0.0	-3.0	0.0	-8.0
B414	768	GEO_Eqn_6.12b_nls07	0	0.0	-20.0	0.0	-2.0	0.0	-9.0
B414	768	GEO_Eqn_6.12b_nls07	492.31	0.0	-17.0	0.0	-2.0	0.0	-0.1
B414	768	GEO_Eqn_6.12b_nls07	984.62	0.0	-13.0	0.0	-2.0	0.0	7.0
B414	768	GEO_Eqn_6.12b_nls07	1476.92	0.0	-10.0	0.0	-2.0	0.0	13.0
B414	768	GEO_Eqn_6.12b_nls07	1969.23	0.0	-7.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls07	2461.54	0.0	-4.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls07	2953.85	0.0	-1.0	0.0	-2.0	0.0	22.0
B414	768	GEO_Eqn_6.12b_nls07	3446.15	0.0	2.0	0.0	-2.0	0.0	21.0
B414	768	GEO_Eqn_6.12b_nls07	3938.46	0.0	5.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls07	4430.77	0.0	8.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls07	4923.08	0.0	11.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls07	5415.38	0.0	14.0	0.0	-2.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls07	5907.69	0.0	17.0	0.0	-2.0	0.0	-2.0
B414	768	GEO_Eqn_6.12b_nls07	6400	0.0	20.0	0.0	-2.0	0.0	-11.0
B414	768	GEO_Eqn_6.12b_nls08	0	0.0	-22.0	0.0	-2.0	0.0	-19.0
B414	768	GEO_Eqn_6.12b_nls08	492.31	0.0	-19.0	0.0	-2.0	0.0	-9.0
B414	768	GEO_Eqn_6.12b_nls08	984.62	0.0	-16.0	0.0	-2.0	0.0	-0.3
B414	768	GEO_Eqn_6.12b_nls08	1476.92	0.0	-13.0	0.0	-2.0	0.0	7.0
B414	768	GEO_Eqn_6.12b_nls08	1969.23	0.0	-10.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls08	2461.54	0.0	-7.0	0.0	-2.0	0.0	16.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B414	768	GEO_Eqn_6.12b_nls08	2953.85	0.0	-4.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls08	3446.15	0.0	-0.5	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls08	3938.46	0.0	3.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls08	4430.77	0.0	6.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls08	4923.08	0.0	9.0	0.0	-2.0	0.0	14.0
B414	768	GEO_Eqn_6.12b_nls08	5415.38	0.0	12.0	0.0	-2.0	0.0	9.0
B414	768	GEO_Eqn_6.12b_nls08	5907.69	0.0	15.0	0.0	-2.0	0.0	2.0
B414	768	GEO_Eqn_6.12b_nls08	6400	0.0	18.0	0.0	-2.0	0.0	-6.0
B414	768	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	-2.0	0.0	4.0
B414	768	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	-2.0	0.0	22.0
B414	768	GEO_Eqn_6.12b_nls09	1969.23	0.0	-4.0	0.0	-2.0	0.0	24.0
B414	768	GEO_Eqn_6.12b_nls09	2461.54	0.0	-1.0	0.0	-2.0	0.0	26.0
B414	768	GEO_Eqn_6.12b_nls09	2953.85	0.0	2.0	0.0	-2.0	0.0	25.0
B414	768	GEO_Eqn_6.12b_nls09	3446.15	0.0	5.0	0.0	-2.0	0.0	24.0
B414	768	GEO_Eqn_6.12b_nls09	3938.46	0.0	8.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls09	4430.77	0.0	11.0	0.0	-2.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls09	4923.08	0.0	14.0	0.0	-2.0	0.0	9.0
B414	768	GEO_Eqn_6.12b_nls09	5415.38	0.0	17.0	0.0	-2.0	0.0	1.0
B414	768	GEO_Eqn_6.12b_nls09	5907.69	0.0	20.0	0.0	-2.0	0.0	-8.0
B414	768	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	-2.0	0.0	-19.0
B414	768	GEO_Eqn_6.12b_nls10	0	0.0	-17.0	0.0	-2.0	0.0	4.0
B414	768	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	-2.0	0.0	11.0
B414	768	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls10	1476.92	0.0	-7.0	0.0	-2.0	0.0	21.0
B414	768	GEO_Eqn_6.12b_nls10	1969.23	0.0	-4.0	0.0	-2.0	0.0	24.0
B414	768	GEO_Eqn_6.12b_nls10	2461.54	0.0	-1.0	0.0	-2.0	0.0	25.0
B414	768	GEO_Eqn_6.12b_nls10	2953.85	0.0	2.0	0.0	-2.0	0.0	25.0
B414	768	GEO_Eqn_6.12b_nls10	3446.15	0.0	5.0	0.0	-2.0	0.0	24.0
B414	768	GEO_Eqn_6.12b_nls10	3938.46	0.0	8.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls10	4430.77	0.0	11.0	0.0	-2.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls10	4923.08	0.0	14.0	0.0	-2.0	0.0	9.0
B414	768	GEO_Eqn_6.12b_nls10	5415.38	0.0	17.0	0.0	-2.0	0.0	2.0
B414	768	GEO_Eqn_6.12b_nls10	5907.69	0.0	20.0	0.0	-2.0	0.0	-8.0
B414	768	GEO_Eqn_6.12b_nls10	6400	0.0	23.0	0.0	-2.0	0.0	-19.0
B414	768	GEO_Eqn_6.12b_nls11	0	0.0	-24.0	0.0	-2.0	0.0	-26.0
B414	768	GEO_Eqn_6.12b_nls11	492.31	0.0	-21.0	0.0	-2.0	0.0	-15.0
B414	768	GEO_Eqn_6.12b_nls11	984.62	0.0	-18.0	0.0	-2.0	0.0	-6.0
B414	768	GEO_Eqn_6.12b_nls11	1476.92	0.0	-15.0	0.0	-2.0	0.0	2.0
B414	768	GEO_Eqn_6.12b_nls11	1969.23	0.0	-11.0	0.0	-2.0	0.0	8.0
B414	768	GEO_Eqn_6.12b_nls11	2461.54	0.0	-8.0	0.0	-2.0	0.0	13.0
B414	768	GEO_Eqn_6.12b_nls11	2953.85	0.0	-5.0	0.0	-2.0	0.0	17.0
B414	768	GEO_Eqn_6.12b_nls11	3446.15	0.0	-2.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls11	3938.46	0.0	1.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls11	4430.77	0.0	4.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls11	4923.08	0.0	7.0	0.0	-2.0	0.0	15.0
B414	768	GEO_Eqn_6.12b_nls11	5415.38	0.0	10.0	0.0	-2.0	0.0	11.0
B414	768	GEO_Eqn_6.12b_nls11	5907.69	0.0	13.0	0.0	-2.0	0.0	5.0
B414	768	GEO_Eqn_6.12b_nls11	6400	0.0	16.0	0.0	-2.0	0.0	-2.0
B414	768	GEO_Eqn_6.12b_nls12	0	0.0	-24.0	0.0	-2.0	0.0	-28.0
B414	768	GEO_Eqn_6.12b_nls12	492.31	0.0	-21.0	0.0	-2.0	0.0	-17.0
B414	768	GEO_Eqn_6.12b_nls12	984.62	0.0	-18.0	0.0	-2.0	0.0	-7.0
B414	768	GEO_Eqn_6.12b_nls12	1476.92	0.0	-15.0	0.0	-2.0	0.0	1.0
B414	768	GEO_Eqn_6.12b_nls12	1969.23	0.0	-12.0	0.0	-2.0	0.0	8.0
B414	768	GEO_Eqn_6.12b_nls12	2461.54	0.0	-9.0	0.0	-2.0	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B414	768	GEO_Eqn_6.12b_nls12	2953.85	0.0	-6.0	0.0	-2.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls12	3446.15	0.0	-3.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls12	3938.46	0.0	0.5	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls12	4430.77	0.0	4.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls12	4923.08	0.0	7.0	0.0	-2.0	0.0	15.0
B414	768	GEO_Eqn_6.12b_nls12	5415.38	0.0	10.0	0.0	-2.0	0.0	11.0
B414	768	GEO_Eqn_6.12b_nls12	5907.69	0.0	13.0	0.0	-2.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls12	6400	0.0	16.0	0.0	-2.0	0.0	-1.0
B414	768	GEO_Eqn_6.12b_nls13	0	0.0	-16.0	0.0	-2.0	0.0	7.0
B414	768	GEO_Eqn_6.12b_nls13	492.31	0.0	-13.0	0.0	-2.0	0.0	14.0
B414	768	GEO_Eqn_6.12b_nls13	984.62	0.0	-10.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls13	1476.92	0.0	-6.0	0.0	-2.0	0.0	23.0
B414	768	GEO_Eqn_6.12b_nls13	1969.23	0.0	-3.0	0.0	-2.0	0.0	26.0
B414	768	GEO_Eqn_6.12b_nls13	2461.54	0.0	-0.3	0.0	-2.0	0.0	27.0
B414	768	GEO_Eqn_6.12b_nls13	2953.85	0.0	3.0	0.0	-2.0	0.0	26.0
B414	768	GEO_Eqn_6.12b_nls13	3446.15	0.0	6.0	0.0	-2.0	0.0	24.0
B414	768	GEO_Eqn_6.12b_nls13	3938.46	0.0	9.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls13	4430.77	0.0	12.0	0.0	-2.0	0.0	15.0
B414	768	GEO_Eqn_6.12b_nls13	4923.08	0.0	15.0	0.0	-2.0	0.0	9.0
B414	768	GEO_Eqn_6.12b_nls13	5415.38	0.0	18.0	0.0	-2.0	0.0	0.4
B414	768	GEO_Eqn_6.12b_nls13	5907.69	0.0	21.0	0.0	-2.0	0.0	-9.0
B414	768	GEO_Eqn_6.12b_nls13	6400	0.0	24.0	0.0	-2.0	0.0	-21.0
B414	768	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	-2.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls14	492.31	0.0	-13.0	0.0	-2.0	0.0	13.0
B414	768	GEO_Eqn_6.12b_nls14	984.62	0.0	-10.0	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls14	1476.92	0.0	-7.0	0.0	-2.0	0.0	23.0
B414	768	GEO_Eqn_6.12b_nls14	1969.23	0.0	-4.0	0.0	-2.0	0.0	25.0
B414	768	GEO_Eqn_6.12b_nls14	2461.54	0.0	-1.0	0.0	-2.0	0.0	26.0
B414	768	GEO_Eqn_6.12b_nls14	2953.85	0.0	2.0	0.0	-2.0	0.0	26.0
B414	768	GEO_Eqn_6.12b_nls14	3446.15	0.0	6.0	0.0	-2.0	0.0	24.0
B414	768	GEO_Eqn_6.12b_nls14	3938.46	0.0	9.0	0.0	-2.0	0.0	20.0
B414	768	GEO_Eqn_6.12b_nls14	4430.77	0.0	12.0	0.0	-2.0	0.0	15.0
B414	768	GEO_Eqn_6.12b_nls14	4923.08	0.0	15.0	0.0	-2.0	0.0	9.0
B414	768	GEO_Eqn_6.12b_nls14	5415.38	0.0	18.0	0.0	-2.0	0.0	1.0
B414	768	GEO_Eqn_6.12b_nls14	5907.69	0.0	21.0	0.0	-2.0	0.0	-9.0
B414	768	GEO_Eqn_6.12b_nls14	6400	0.0	24.0	0.0	-2.0	0.0	-20.0
B414	768	GEO_Eqn_6.12b_nls15	0	0.0	-24.0	0.0	-2.0	0.0	-29.0
B414	768	GEO_Eqn_6.12b_nls15	492.31	0.0	-21.0	0.0	-2.0	0.0	-18.0
B414	768	GEO_Eqn_6.12b_nls15	984.62	0.0	-18.0	0.0	-2.0	0.0	-8.0
B414	768	GEO_Eqn_6.12b_nls15	1476.92	0.0	-15.0	0.0	-2.0	0.0	0.4
B414	768	GEO_Eqn_6.12b_nls15	1969.23	0.0	-12.0	0.0	-2.0	0.0	7.0
B414	768	GEO_Eqn_6.12b_nls15	2461.54	0.0	-9.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls15	2953.85	0.0	-6.0	0.0	-2.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls15	3446.15	0.0	-3.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls15	3938.46	0.0	0.2	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls15	4430.77	0.0	3.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls15	4923.08	0.0	6.0	0.0	-2.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls15	5415.38	0.0	9.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls15	5907.69	0.0	12.0	0.0	-2.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls15	6400	0.0	16.0	0.0	-2.0	0.0	-0.4
B414	768	GEO_Eqn_6.12b_nls16	0	0.0	-25.0	0.0	-2.0	0.0	-30.0
B414	768	GEO_Eqn_6.12b_nls16	492.31	0.0	-22.0	0.0	-2.0	0.0	-19.0
B414	768	GEO_Eqn_6.12b_nls16	984.62	0.0	-19.0	0.0	-2.0	0.0	-9.0
B414	768	GEO_Eqn_6.12b_nls16	1476.92	0.0	-15.0	0.0	-2.0	0.0	-0.4
B414	768	GEO_Eqn_6.12b_nls16	1969.23	0.0	-12.0	0.0	-2.0	0.0	6.0
B414	768	GEO_Eqn_6.12b_nls16	2461.54	0.0	-9.0	0.0	-2.0	0.0	12.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B414	768	GEO_Eqn_6.12b_nls16	2953.85	0.0	-6.0	0.0	-2.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls16	3446.15	0.0	-3.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls16	3938.46	0.0	-0.1	0.0	-2.0	0.0	19.0
B414	768	GEO_Eqn_6.12b_nls16	4430.77	0.0	3.0	0.0	-2.0	0.0	18.0
B414	768	GEO_Eqn_6.12b_nls16	4923.08	0.0	6.0	0.0	-2.0	0.0	16.0
B414	768	GEO_Eqn_6.12b_nls16	5415.38	0.0	9.0	0.0	-2.0	0.0	12.0
B414	768	GEO_Eqn_6.12b_nls16	5907.69	0.0	12.0	0.0	-2.0	0.0	7.0
B414	768	GEO_Eqn_6.12b_nls16	6400	0.0	15.0	0.0	-2.0	0.0	0.0
B415	769	GEO_Eqn_6.12b_nls01	0	0.0	-18.0	0.0	0.5	0.0	-1.0
B415	769	GEO_Eqn_6.12b_nls01	492.31	0.0	-15.0	0.0	0.5	0.0	7.0
B415	769	GEO_Eqn_6.12b_nls01	984.62	0.0	-12.0	0.0	0.5	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls01	1476.92	0.0	-9.0	0.0	0.5	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls01	1969.23	0.0	-6.0	0.0	0.5	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls01	2461.54	0.0	-3.0	0.0	0.5	0.0	24.0
B415	769	GEO_Eqn_6.12b_nls01	2953.85	0.0	0.3	0.0	0.5	0.0	25.0
B415	769	GEO_Eqn_6.12b_nls01	3446.15	0.0	3.0	0.0	0.5	0.0	24.0
B415	769	GEO_Eqn_6.12b_nls01	3938.46	0.0	6.0	0.0	0.5	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls01	4430.77	0.0	10.0	0.0	0.5	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls01	4923.08	0.0	13.0	0.0	0.5	0.0	12.0
B415	769	GEO_Eqn_6.12b_nls01	5415.38	0.0	16.0	0.0	0.5	0.0	5.0
B415	769	GEO_Eqn_6.12b_nls01	5907.69	0.0	19.0	0.0	0.5	0.0	-3.0
B415	769	GEO_Eqn_6.12b_nls01	6400	0.0	22.0	0.0	0.5	0.0	-13.0
B415	769	GEO_Eqn_6.12b_nls02	0	0.0	-19.0	0.0	0.5	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls02	492.31	0.0	-16.0	0.0	0.5	0.0	2.0
B415	769	GEO_Eqn_6.12b_nls02	984.62	0.0	-13.0	0.0	0.5	0.0	9.0
B415	769	GEO_Eqn_6.12b_nls02	1476.92	0.0	-10.0	0.0	0.5	0.0	15.0
B415	769	GEO_Eqn_6.12b_nls02	1969.23	0.0	-7.0	0.0	0.5	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls02	2461.54	0.0	-4.0	0.0	0.5	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls02	2953.85	0.0	-1.0	0.0	0.5	0.0	23.0
B415	769	GEO_Eqn_6.12b_nls02	3446.15	0.0	2.0	0.0	0.5	0.0	23.0
B415	769	GEO_Eqn_6.12b_nls02	3938.46	0.0	5.0	0.0	0.5	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls02	4430.77	0.0	8.0	0.0	0.5	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls02	4923.08	0.0	11.0	0.0	0.5	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls02	5415.38	0.0	14.0	0.0	0.5	0.0	7.0
B415	769	GEO_Eqn_6.12b_nls02	5907.69	0.0	17.0	0.0	0.5	0.0	-1.0
B415	769	GEO_Eqn_6.12b_nls02	6400	0.0	21.0	0.0	0.5	0.0	-10.0
B415	769	GEO_Eqn_6.12b_nls03	0	0.0	-20.0	0.0	1.0	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls03	492.31	0.0	-16.0	0.0	1.0	0.0	2.0
B415	769	GEO_Eqn_6.12b_nls03	984.62	0.0	-13.0	0.0	1.0	0.0	9.0
B415	769	GEO_Eqn_6.12b_nls03	1476.92	0.0	-10.0	0.0	1.0	0.0	15.0
B415	769	GEO_Eqn_6.12b_nls03	1969.23	0.0	-7.0	0.0	1.0	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls03	2461.54	0.0	-4.0	0.0	1.0	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls03	2953.85	0.0	-1.0	0.0	1.0	0.0	23.0
B415	769	GEO_Eqn_6.12b_nls03	3446.15	0.0	2.0	0.0	1.0	0.0	23.0
B415	769	GEO_Eqn_6.12b_nls03	3938.46	0.0	5.0	0.0	1.0	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls03	4430.77	0.0	8.0	0.0	1.0	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls03	4923.08	0.0	11.0	0.0	1.0	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls03	5415.38	0.0	14.0	0.0	1.0	0.0	7.0
B415	769	GEO_Eqn_6.12b_nls03	5907.69	0.0	17.0	0.0	1.0	0.0	-1.0
B415	769	GEO_Eqn_6.12b_nls03	6400	0.0	20.0	0.0	1.0	0.0	-10.0
B415	769	GEO_Eqn_6.12b_nls04	0	0.0	-22.0	0.0	1.0	0.0	-18.0
B415	769	GEO_Eqn_6.12b_nls04	492.31	0.0	-19.0	0.0	1.0	0.0	-8.0
B415	769	GEO_Eqn_6.12b_nls04	984.62	0.0	-16.0	0.0	1.0	0.0	0.5
B415	769	GEO_Eqn_6.12b_nls04	1476.92	0.0	-13.0	0.0	1.0	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls04	1969.23	0.0	-10.0	0.0	1.0	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls04	2461.54	0.0	-7.0	0.0	1.0	0.0	17.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B415	769	GEO_Eqn_6.12b_nls04	2953.85	0.0	-4.0	0.0	1.0	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls04	3446.15	0.0	-1.0	0.0	1.0	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls04	3938.46	0.0	2.0	0.0	1.0	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls04	4430.77	0.0	5.0	0.0	1.0	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls04	4923.08	0.0	8.0	0.0	1.0	0.0	15.0
B415	769	GEO_Eqn_6.12b_nls04	5415.38	0.0	12.0	0.0	1.0	0.0	11.0
B415	769	GEO_Eqn_6.12b_nls04	5907.69	0.0	15.0	0.0	1.0	0.0	4.0
B415	769	GEO_Eqn_6.12b_nls04	6400	0.0	18.0	0.0	1.0	0.0	-4.0
B415	769	GEO_Eqn_6.12b_nls05	0	0.0	-18.0	0.0	0.5	0.0	-2.0
B415	769	GEO_Eqn_6.12b_nls05	492.31	0.0	-15.0	0.0	0.5	0.0	7.0
B415	769	GEO_Eqn_6.12b_nls05	984.62	0.0	-12.0	0.0	0.5	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls05	1476.92	0.0	-9.0	0.0	0.5	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls05	1969.23	0.0	-6.0	0.0	0.5	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls05	2461.54	0.0	-3.0	0.0	0.5	0.0	24.0
B415	769	GEO_Eqn_6.12b_nls05	2953.85	0.0	0.3	0.0	0.5	0.0	25.0
B415	769	GEO_Eqn_6.12b_nls05	3446.15	0.0	3.0	0.0	0.5	0.0	24.0
B415	769	GEO_Eqn_6.12b_nls05	3938.46	0.0	6.0	0.0	0.5	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls05	4430.77	0.0	10.0	0.0	0.5	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls05	4923.08	0.0	13.0	0.0	0.5	0.0	12.0
B415	769	GEO_Eqn_6.12b_nls05	5415.38	0.0	16.0	0.0	0.5	0.0	5.0
B415	769	GEO_Eqn_6.12b_nls05	5907.69	0.0	19.0	0.0	0.5	0.0	-3.0
B415	769	GEO_Eqn_6.12b_nls05	6400	0.0	22.0	0.0	0.5	0.0	-13.0
B415	769	GEO_Eqn_6.12b_nls06	0	0.0	-21.0	0.0	0.5	0.0	-12.0
B415	769	GEO_Eqn_6.12b_nls06	492.31	0.0	-18.0	0.0	0.5	0.0	-3.0
B415	769	GEO_Eqn_6.12b_nls06	984.62	0.0	-15.0	0.0	0.5	0.0	5.0
B415	769	GEO_Eqn_6.12b_nls06	1476.92	0.0	-12.0	0.0	0.5	0.0	11.0
B415	769	GEO_Eqn_6.12b_nls06	1969.23	0.0	-8.0	0.0	0.5	0.0	16.0
B415	769	GEO_Eqn_6.12b_nls06	2461.54	0.0	-5.0	0.0	0.5	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls06	2953.85	0.0	-2.0	0.0	0.5	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls06	3446.15	0.0	1.0	0.0	0.5	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls06	3938.46	0.0	4.0	0.0	0.5	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls06	4430.77	0.0	7.0	0.0	0.5	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls06	4923.08	0.0	10.0	0.0	0.5	0.0	14.0
B415	769	GEO_Eqn_6.12b_nls06	5415.38	0.0	13.0	0.0	0.5	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls06	5907.69	0.0	16.0	0.0	0.5	0.0	1.0
B415	769	GEO_Eqn_6.12b_nls06	6400	0.0	19.0	0.0	0.5	0.0	-8.0
B415	769	GEO_Eqn_6.12b_nls07	0	0.0	-19.0	0.0	1.0	0.0	-6.0
B415	769	GEO_Eqn_6.12b_nls07	492.31	0.0	-16.0	0.0	1.0	0.0	3.0
B415	769	GEO_Eqn_6.12b_nls07	984.62	0.0	-13.0	0.0	1.0	0.0	10.0
B415	769	GEO_Eqn_6.12b_nls07	1476.92	0.0	-10.0	0.0	1.0	0.0	16.0
B415	769	GEO_Eqn_6.12b_nls07	1969.23	0.0	-7.0	0.0	1.0	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls07	2461.54	0.0	-4.0	0.0	1.0	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls07	2953.85	0.0	-1.0	0.0	1.0	0.0	24.0
B415	769	GEO_Eqn_6.12b_nls07	3446.15	0.0	2.0	0.0	1.0	0.0	23.0
B415	769	GEO_Eqn_6.12b_nls07	3938.46	0.0	5.0	0.0	1.0	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls07	4430.77	0.0	8.0	0.0	1.0	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls07	4923.08	0.0	11.0	0.0	1.0	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls07	5415.38	0.0	15.0	0.0	1.0	0.0	7.0
B415	769	GEO_Eqn_6.12b_nls07	5907.69	0.0	18.0	0.0	1.0	0.0	-1.0
B415	769	GEO_Eqn_6.12b_nls07	6400	0.0	21.0	0.0	1.0	0.0	-11.0
B415	769	GEO_Eqn_6.12b_nls08	0	0.0	-22.0	0.0	1.0	0.0	-18.0
B415	769	GEO_Eqn_6.12b_nls08	492.31	0.0	-19.0	0.0	1.0	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls08	984.62	0.0	-16.0	0.0	1.0	0.0	1.0
B415	769	GEO_Eqn_6.12b_nls08	1476.92	0.0	-13.0	0.0	1.0	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls08	1969.23	0.0	-10.0	0.0	1.0	0.0	14.0
B415	769	GEO_Eqn_6.12b_nls08	2461.54	0.0	-7.0	0.0	1.0	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B415	769	GEO_Eqn_6.12b_nls08	2953.85	0.0	-4.0	0.0	1.0	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls08	3446.15	0.0	-0.5	0.0	1.0	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls08	3938.46	0.0	3.0	0.0	1.0	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls08	4430.77	0.0	6.0	0.0	1.0	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls08	4923.08	0.0	9.0	0.0	1.0	0.0	15.0
B415	769	GEO_Eqn_6.12b_nls08	5415.38	0.0	12.0	0.0	1.0	0.0	10.0
B415	769	GEO_Eqn_6.12b_nls08	5907.69	0.0	15.0	0.0	1.0	0.0	4.0
B415	769	GEO_Eqn_6.12b_nls08	6400	0.0	18.0	0.0	1.0	0.0	-4.0
B415	769	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	0.3	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	0.3	0.0	15.0
B415	769	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	0.3	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	0.3	0.0	25.0
B415	769	GEO_Eqn_6.12b_nls09	1969.23	0.0	-4.0	0.0	0.3	0.0	27.0
B415	769	GEO_Eqn_6.12b_nls09	2461.54	0.0	-1.0	0.0	0.3	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls09	2953.85	0.0	2.0	0.0	0.3	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls09	3446.15	0.0	6.0	0.0	0.3	0.0	26.0
B415	769	GEO_Eqn_6.12b_nls09	3938.46	0.0	9.0	0.0	0.3	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls09	4430.77	0.0	12.0	0.0	0.3	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls09	4923.08	0.0	15.0	0.0	0.3	0.0	11.0
B415	769	GEO_Eqn_6.12b_nls09	5415.38	0.0	18.0	0.0	0.3	0.0	3.0
B415	769	GEO_Eqn_6.12b_nls09	5907.69	0.0	21.0	0.0	0.3	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	0.3	0.0	-18.0
B415	769	GEO_Eqn_6.12b_nls10	0	0.0	-16.0	0.0	0.4	0.0	7.0
B415	769	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	0.4	0.0	14.0
B415	769	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	0.4	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls10	1476.92	0.0	-7.0	0.0	0.4	0.0	24.0
B415	769	GEO_Eqn_6.12b_nls10	1969.23	0.0	-4.0	0.0	0.4	0.0	27.0
B415	769	GEO_Eqn_6.12b_nls10	2461.54	0.0	-1.0	0.0	0.4	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls10	2953.85	0.0	2.0	0.0	0.4	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls10	3446.15	0.0	5.0	0.0	0.4	0.0	26.0
B415	769	GEO_Eqn_6.12b_nls10	3938.46	0.0	8.0	0.0	0.4	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls10	4430.77	0.0	11.0	0.0	0.4	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls10	4923.08	0.0	14.0	0.0	0.4	0.0	11.0
B415	769	GEO_Eqn_6.12b_nls10	5415.38	0.0	18.0	0.0	0.4	0.0	3.0
B415	769	GEO_Eqn_6.12b_nls10	5907.69	0.0	21.0	0.0	0.4	0.0	-6.0
B415	769	GEO_Eqn_6.12b_nls10	6400	0.0	24.0	0.0	0.4	0.0	-17.0
B415	769	GEO_Eqn_6.12b_nls11	0	0.0	-25.0	0.0	0.3	0.0	-28.0
B415	769	GEO_Eqn_6.12b_nls11	492.31	0.0	-21.0	0.0	0.3	0.0	-17.0
B415	769	GEO_Eqn_6.12b_nls11	984.62	0.0	-18.0	0.0	0.3	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls11	1476.92	0.0	-15.0	0.0	0.3	0.0	2.0
B415	769	GEO_Eqn_6.12b_nls11	1969.23	0.0	-12.0	0.0	0.3	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls11	2461.54	0.0	-9.0	0.0	0.3	0.0	14.0
B415	769	GEO_Eqn_6.12b_nls11	2953.85	0.0	-6.0	0.0	0.3	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls11	3446.15	0.0	-3.0	0.0	0.3	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls11	3938.46	0.0	0.1	0.0	0.3	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls11	4430.77	0.0	3.0	0.0	0.3	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls11	4923.08	0.0	6.0	0.0	0.3	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls11	5415.38	0.0	9.0	0.0	0.3	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls11	5907.69	0.0	12.0	0.0	0.3	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls11	6400	0.0	15.0	0.0	0.3	0.0	1.0
B415	769	GEO_Eqn_6.12b_nls12	0	0.0	-25.0	0.0	0.4	0.0	-30.0
B415	769	GEO_Eqn_6.12b_nls12	492.31	0.0	-22.0	0.0	0.4	0.0	-18.0
B415	769	GEO_Eqn_6.12b_nls12	984.62	0.0	-19.0	0.0	0.4	0.0	-8.0
B415	769	GEO_Eqn_6.12b_nls12	1476.92	0.0	-16.0	0.0	0.4	0.0	1.0
B415	769	GEO_Eqn_6.12b_nls12	1969.23	0.0	-13.0	0.0	0.4	0.0	7.0
B415	769	GEO_Eqn_6.12b_nls12	2461.54	0.0	-10.0	0.0	0.4	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B415	769	GEO_Eqn_6.12b_nls12	2953.85	0.0	-6.0	0.0	0.4	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls12	3446.15	0.0	-3.0	0.0	0.4	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls12	3938.46	0.0	-0.3	0.0	0.4	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls12	4430.77	0.0	3.0	0.0	0.4	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls12	4923.08	0.0	6.0	0.0	0.4	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls12	5415.38	0.0	9.0	0.0	0.4	0.0	14.0
B415	769	GEO_Eqn_6.12b_nls12	5907.69	0.0	12.0	0.0	0.4	0.0	9.0
B415	769	GEO_Eqn_6.12b_nls12	6400	0.0	15.0	0.0	0.4	0.0	2.0
B415	769	GEO_Eqn_6.12b_nls13	0	0.0	-16.0	0.0	0.4	0.0	9.0
B415	769	GEO_Eqn_6.12b_nls13	492.31	0.0	-13.0	0.0	0.4	0.0	16.0
B415	769	GEO_Eqn_6.12b_nls13	984.62	0.0	-10.0	0.0	0.4	0.0	21.0
B415	769	GEO_Eqn_6.12b_nls13	1476.92	0.0	-7.0	0.0	0.4	0.0	25.0
B415	769	GEO_Eqn_6.12b_nls13	1969.23	0.0	-3.0	0.0	0.4	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls13	2461.54	0.0	-0.4	0.0	0.4	0.0	29.0
B415	769	GEO_Eqn_6.12b_nls13	2953.85	0.0	3.0	0.0	0.4	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls13	3446.15	0.0	6.0	0.0	0.4	0.0	26.0
B415	769	GEO_Eqn_6.12b_nls13	3938.46	0.0	9.0	0.0	0.4	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls13	4430.77	0.0	12.0	0.0	0.4	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls13	4923.08	0.0	15.0	0.0	0.4	0.0	11.0
B415	769	GEO_Eqn_6.12b_nls13	5415.38	0.0	18.0	0.0	0.4	0.0	3.0
B415	769	GEO_Eqn_6.12b_nls13	5907.69	0.0	21.0	0.0	0.4	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls13	6400	0.0	24.0	0.0	0.4	0.0	-18.0
B415	769	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	1.0	0.0	9.0
B415	769	GEO_Eqn_6.12b_nls14	492.31	0.0	-13.0	0.0	1.0	0.0	16.0
B415	769	GEO_Eqn_6.12b_nls14	984.62	0.0	-9.0	0.0	1.0	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls14	1476.92	0.0	-6.0	0.0	1.0	0.0	26.0
B415	769	GEO_Eqn_6.12b_nls14	1969.23	0.0	-3.0	0.0	1.0	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls14	2461.54	0.0	-0.2	0.0	1.0	0.0	29.0
B415	769	GEO_Eqn_6.12b_nls14	2953.85	0.0	3.0	0.0	1.0	0.0	28.0
B415	769	GEO_Eqn_6.12b_nls14	3446.15	0.0	6.0	0.0	1.0	0.0	26.0
B415	769	GEO_Eqn_6.12b_nls14	3938.46	0.0	9.0	0.0	1.0	0.0	22.0
B415	769	GEO_Eqn_6.12b_nls14	4430.77	0.0	12.0	0.0	1.0	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls14	4923.08	0.0	15.0	0.0	1.0	0.0	10.0
B415	769	GEO_Eqn_6.12b_nls14	5415.38	0.0	18.0	0.0	1.0	0.0	2.0
B415	769	GEO_Eqn_6.12b_nls14	5907.69	0.0	21.0	0.0	1.0	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls14	6400	0.0	24.0	0.0	1.0	0.0	-19.0
B415	769	GEO_Eqn_6.12b_nls15	0	0.0	-25.0	0.0	0.3	0.0	-29.0
B415	769	GEO_Eqn_6.12b_nls15	492.31	0.0	-22.0	0.0	0.3	0.0	-17.0
B415	769	GEO_Eqn_6.12b_nls15	984.62	0.0	-19.0	0.0	0.3	0.0	-7.0
B415	769	GEO_Eqn_6.12b_nls15	1476.92	0.0	-15.0	0.0	0.3	0.0	1.0
B415	769	GEO_Eqn_6.12b_nls15	1969.23	0.0	-12.0	0.0	0.3	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls15	2461.54	0.0	-9.0	0.0	0.3	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls15	2953.85	0.0	-6.0	0.0	0.3	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls15	3446.15	0.0	-3.0	0.0	0.3	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls15	3938.46	0.0	-0.1	0.0	0.3	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls15	4430.77	0.0	3.0	0.0	0.3	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls15	4923.08	0.0	6.0	0.0	0.3	0.0	17.0
B415	769	GEO_Eqn_6.12b_nls15	5415.38	0.0	9.0	0.0	0.3	0.0	13.0
B415	769	GEO_Eqn_6.12b_nls15	5907.69	0.0	12.0	0.0	0.3	0.0	8.0
B415	769	GEO_Eqn_6.12b_nls15	6400	0.0	15.0	0.0	0.3	0.0	1.0
B415	769	GEO_Eqn_6.12b_nls16	0	0.0	-26.0	0.0	0.1	0.0	-32.0
B415	769	GEO_Eqn_6.12b_nls16	492.31	0.0	-22.0	0.0	0.1	0.0	-20.0
B415	769	GEO_Eqn_6.12b_nls16	984.62	0.0	-19.0	0.0	0.1	0.0	-10.0
B415	769	GEO_Eqn_6.12b_nls16	1476.92	0.0	-16.0	0.0	0.1	0.0	-1.0
B415	769	GEO_Eqn_6.12b_nls16	1969.23	0.0	-13.0	0.0	0.1	0.0	6.0
B415	769	GEO_Eqn_6.12b_nls16	2461.54	0.0	-10.0	0.0	0.1	0.0	12.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B415	769	GEO_Eqn_6.12b_nls16	2953.85	0.0	-7.0	0.0	0.1	0.0	16.0
B415	769	GEO_Eqn_6.12b_nls16	3446.15	0.0	-4.0	0.0	0.1	0.0	19.0
B415	769	GEO_Eqn_6.12b_nls16	3938.46	0.0	-1.0	0.0	0.1	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls16	4430.77	0.0	2.0	0.0	0.1	0.0	20.0
B415	769	GEO_Eqn_6.12b_nls16	4923.08	0.0	5.0	0.0	0.1	0.0	18.0
B415	769	GEO_Eqn_6.12b_nls16	5415.38	0.0	8.0	0.0	0.1	0.0	15.0
B415	769	GEO_Eqn_6.12b_nls16	5907.69	0.0	11.0	0.0	0.1	0.0	10.0
B415	769	GEO_Eqn_6.12b_nls16	6400	0.0	14.0	0.0	0.1	0.0	4.0
B416	770	GEO_Eqn_6.12b_nls01	0	0.0	-19.0	0.0	0.0	0.0	-5.0
B416	770	GEO_Eqn_6.12b_nls01	492.31	0.0	-16.0	0.0	0.0	0.0	4.0
B416	770	GEO_Eqn_6.12b_nls01	984.62	0.0	-13.0	0.0	0.0	0.0	11.0
B416	770	GEO_Eqn_6.12b_nls01	1476.92	0.0	-10.0	0.0	0.0	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls01	1969.23	0.0	-7.0	0.0	0.0	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls01	2461.54	0.0	-4.0	0.0	0.0	0.0	24.0
B416	770	GEO_Eqn_6.12b_nls01	2953.85	0.0	-1.0	0.0	0.0	0.0	25.0
B416	770	GEO_Eqn_6.12b_nls01	3446.15	0.0	2.0	0.0	0.0	0.0	25.0
B416	770	GEO_Eqn_6.12b_nls01	3938.46	0.0	5.0	0.0	0.0	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls01	4430.77	0.0	8.0	0.0	0.0	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls01	4923.08	0.0	11.0	0.0	0.0	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls01	5415.38	0.0	14.0	0.0	0.0	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls01	5907.69	0.0	18.0	0.0	0.0	0.0	0.3
B416	770	GEO_Eqn_6.12b_nls01	6400	0.0	21.0	0.0	0.0	0.0	-9.0
B416	770	GEO_Eqn_6.12b_nls02	0	0.0	-21.0	0.0	0.0	0.0	-11.0
B416	770	GEO_Eqn_6.12b_nls02	492.31	0.0	-18.0	0.0	0.0	0.0	-1.0
B416	770	GEO_Eqn_6.12b_nls02	984.62	0.0	-15.0	0.0	0.0	0.0	7.0
B416	770	GEO_Eqn_6.12b_nls02	1476.92	0.0	-11.0	0.0	0.0	0.0	13.0
B416	770	GEO_Eqn_6.12b_nls02	1969.23	0.0	-8.0	0.0	0.0	0.0	18.0
B416	770	GEO_Eqn_6.12b_nls02	2461.54	0.0	-5.0	0.0	0.0	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls02	2953.85	0.0	-2.0	0.0	0.0	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls02	3446.15	0.0	1.0	0.0	0.0	0.0	24.0
B416	770	GEO_Eqn_6.12b_nls02	3938.46	0.0	4.0	0.0	0.0	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls02	4430.77	0.0	7.0	0.0	0.0	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls02	4923.08	0.0	10.0	0.0	0.0	0.0	16.0
B416	770	GEO_Eqn_6.12b_nls02	5415.38	0.0	13.0	0.0	0.0	0.0	10.0
B416	770	GEO_Eqn_6.12b_nls02	5907.69	0.0	16.0	0.0	0.0	0.0	3.0
B416	770	GEO_Eqn_6.12b_nls02	6400	0.0	19.0	0.0	0.0	0.0	-6.0
B416	770	GEO_Eqn_6.12b_nls03	0	0.0	-20.0	0.0	-0.2	0.0	-9.0
B416	770	GEO_Eqn_6.12b_nls03	492.31	0.0	-17.0	0.0	-0.2	0.0	1.0
B416	770	GEO_Eqn_6.12b_nls03	984.62	0.0	-14.0	0.0	-0.2	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls03	1476.92	0.0	-11.0	0.0	-0.2	0.0	14.0
B416	770	GEO_Eqn_6.12b_nls03	1969.23	0.0	-8.0	0.0	-0.2	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls03	2461.54	0.0	-5.0	0.0	-0.2	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls03	2953.85	0.0	-2.0	0.0	-0.2	0.0	24.0
B416	770	GEO_Eqn_6.12b_nls03	3446.15	0.0	1.0	0.0	-0.2	0.0	24.0
B416	770	GEO_Eqn_6.12b_nls03	3938.46	0.0	4.0	0.0	-0.2	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls03	4430.77	0.0	7.0	0.0	-0.2	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls03	4923.08	0.0	11.0	0.0	-0.2	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls03	5415.38	0.0	14.0	0.0	-0.2	0.0	9.0
B416	770	GEO_Eqn_6.12b_nls03	5907.69	0.0	17.0	0.0	-0.2	0.0	2.0
B416	770	GEO_Eqn_6.12b_nls03	6400	0.0	20.0	0.0	-0.2	0.0	-7.0
B416	770	GEO_Eqn_6.12b_nls04	0	0.0	-23.0	0.0	-0.2	0.0	-20.0
B416	770	GEO_Eqn_6.12b_nls04	492.31	0.0	-20.0	0.0	-0.2	0.0	-10.0
B416	770	GEO_Eqn_6.12b_nls04	984.62	0.0	-17.0	0.0	-0.2	0.0	-1.0
B416	770	GEO_Eqn_6.12b_nls04	1476.92	0.0	-14.0	0.0	-0.2	0.0	7.0
B416	770	GEO_Eqn_6.12b_nls04	1969.23	0.0	-11.0	0.0	-0.2	0.0	13.0
B416	770	GEO_Eqn_6.12b_nls04	2461.54	0.0	-8.0	0.0	-0.2	0.0	17.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B416	770	GEO_Eqn_6.12b_nls04	2953.85	0.0	-5.0	0.0	-0.2	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls04	3446.15	0.0	-1.0	0.0	-0.2	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls04	3938.46	0.0	2.0	0.0	-0.2	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls04	4430.77	0.0	5.0	0.0	-0.2	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls04	4923.08	0.0	8.0	0.0	-0.2	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls04	5415.38	0.0	11.0	0.0	-0.2	0.0	13.0
B416	770	GEO_Eqn_6.12b_nls04	5907.69	0.0	14.0	0.0	-0.2	0.0	6.0
B416	770	GEO_Eqn_6.12b_nls04	6400	0.0	17.0	0.0	-0.2	0.0	-1.0
B416	770	GEO_Eqn_6.12b_nls05	0	0.0	-20.0	0.0	0.0	0.0	-6.0
B416	770	GEO_Eqn_6.12b_nls05	492.31	0.0	-16.0	0.0	0.0	0.0	3.0
B416	770	GEO_Eqn_6.12b_nls05	984.62	0.0	-13.0	0.0	0.0	0.0	11.0
B416	770	GEO_Eqn_6.12b_nls05	1476.92	0.0	-10.0	0.0	0.0	0.0	16.0
B416	770	GEO_Eqn_6.12b_nls05	1969.23	0.0	-7.0	0.0	0.0	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls05	2461.54	0.0	-4.0	0.0	0.0	0.0	24.0
B416	770	GEO_Eqn_6.12b_nls05	2953.85	0.0	-1.0	0.0	0.0	0.0	25.0
B416	770	GEO_Eqn_6.12b_nls05	3446.15	0.0	2.0	0.0	0.0	0.0	25.0
B416	770	GEO_Eqn_6.12b_nls05	3938.46	0.0	5.0	0.0	0.0	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls05	4430.77	0.0	8.0	0.0	0.0	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls05	4923.08	0.0	11.0	0.0	0.0	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls05	5415.38	0.0	14.0	0.0	0.0	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls05	5907.69	0.0	17.0	0.0	0.0	0.0	1.0
B416	770	GEO_Eqn_6.12b_nls05	6400	0.0	20.0	0.0	0.0	0.0	-9.0
B416	770	GEO_Eqn_6.12b_nls06	0	0.0	-22.0	0.0	0.0	0.0	-17.0
B416	770	GEO_Eqn_6.12b_nls06	492.31	0.0	-19.0	0.0	0.0	0.0	-7.0
B416	770	GEO_Eqn_6.12b_nls06	984.62	0.0	-16.0	0.0	0.0	0.0	2.0
B416	770	GEO_Eqn_6.12b_nls06	1476.92	0.0	-13.0	0.0	0.0	0.0	9.0
B416	770	GEO_Eqn_6.12b_nls06	1969.23	0.0	-10.0	0.0	0.0	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls06	2461.54	0.0	-7.0	0.0	0.0	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls06	2953.85	0.0	-4.0	0.0	0.0	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls06	3446.15	0.0	-1.0	0.0	0.0	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls06	3938.46	0.0	2.0	0.0	0.0	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls06	4430.77	0.0	5.0	0.0	0.0	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls06	4923.08	0.0	9.0	0.0	0.0	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls06	5415.38	0.0	12.0	0.0	0.0	0.0	12.0
B416	770	GEO_Eqn_6.12b_nls06	5907.69	0.0	15.0	0.0	0.0	0.0	5.0
B416	770	GEO_Eqn_6.12b_nls06	6400	0.0	18.0	0.0	0.0	0.0	-3.0
B416	770	GEO_Eqn_6.12b_nls07	0	0.0	-20.0	0.0	-0.2	0.0	-9.0
B416	770	GEO_Eqn_6.12b_nls07	492.31	0.0	-17.0	0.0	-0.2	0.0	1.0
B416	770	GEO_Eqn_6.12b_nls07	984.62	0.0	-14.0	0.0	-0.2	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls07	1476.92	0.0	-11.0	0.0	-0.2	0.0	14.0
B416	770	GEO_Eqn_6.12b_nls07	1969.23	0.0	-8.0	0.0	-0.2	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls07	2461.54	0.0	-5.0	0.0	-0.2	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls07	2953.85	0.0	-2.0	0.0	-0.2	0.0	24.0
B416	770	GEO_Eqn_6.12b_nls07	3446.15	0.0	1.0	0.0	-0.2	0.0	24.0
B416	770	GEO_Eqn_6.12b_nls07	3938.46	0.0	4.0	0.0	-0.2	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls07	4430.77	0.0	7.0	0.0	-0.2	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls07	4923.08	0.0	11.0	0.0	-0.2	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls07	5415.38	0.0	14.0	0.0	-0.2	0.0	9.0
B416	770	GEO_Eqn_6.12b_nls07	5907.69	0.0	17.0	0.0	-0.2	0.0	2.0
B416	770	GEO_Eqn_6.12b_nls07	6400	0.0	20.0	0.0	-0.2	0.0	-7.0
B416	770	GEO_Eqn_6.12b_nls08	0	0.0	-23.0	0.0	-0.2	0.0	-20.0
B416	770	GEO_Eqn_6.12b_nls08	492.31	0.0	-20.0	0.0	-0.2	0.0	-10.0
B416	770	GEO_Eqn_6.12b_nls08	984.62	0.0	-17.0	0.0	-0.2	0.0	-1.0
B416	770	GEO_Eqn_6.12b_nls08	1476.92	0.0	-14.0	0.0	-0.2	0.0	7.0
B416	770	GEO_Eqn_6.12b_nls08	1969.23	0.0	-11.0	0.0	-0.2	0.0	13.0
B416	770	GEO_Eqn_6.12b_nls08	2461.54	0.0	-8.0	0.0	-0.2	0.0	17.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B416	770	GEO_Eqn_6.12b_nls08	2953.85	0.0	-5.0	0.0	-0.2	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls08	3446.15	0.0	-1.0	0.0	-0.2	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls08	3938.46	0.0	2.0	0.0	-0.2	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls08	4430.77	0.0	5.0	0.0	-0.2	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls08	4923.08	0.0	8.0	0.0	-0.2	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls08	5415.38	0.0	11.0	0.0	-0.2	0.0	13.0
B416	770	GEO_Eqn_6.12b_nls08	5907.69	0.0	14.0	0.0	-0.2	0.0	7.0
B416	770	GEO_Eqn_6.12b_nls08	6400	0.0	17.0	0.0	-0.2	0.0	-1.0
B416	770	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	-0.1	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	-0.1	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	-0.1	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	-0.1	0.0	25.0
B416	770	GEO_Eqn_6.12b_nls09	1969.23	0.0	-4.0	0.0	-0.1	0.0	28.0
B416	770	GEO_Eqn_6.12b_nls09	2461.54	0.0	-1.0	0.0	-0.1	0.0	29.0
B416	770	GEO_Eqn_6.12b_nls09	2953.85	0.0	2.0	0.0	-0.1	0.0	29.0
B416	770	GEO_Eqn_6.12b_nls09	3446.15	0.0	5.0	0.0	-0.1	0.0	27.0
B416	770	GEO_Eqn_6.12b_nls09	3938.46	0.0	8.0	0.0	-0.1	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls09	4430.77	0.0	11.0	0.0	-0.1	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls09	4923.08	0.0	14.0	0.0	-0.1	0.0	12.0
B416	770	GEO_Eqn_6.12b_nls09	5415.38	0.0	18.0	0.0	-0.1	0.0	4.0
B416	770	GEO_Eqn_6.12b_nls09	5907.69	0.0	21.0	0.0	-0.1	0.0	-5.0
B416	770	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	-0.1	0.0	-16.0
B416	770	GEO_Eqn_6.12b_nls10	0	0.0	-16.0	0.0	-0.1	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	-0.1	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	-0.1	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls10	1476.92	0.0	-7.0	0.0	-0.1	0.0	25.0
B416	770	GEO_Eqn_6.12b_nls10	1969.23	0.0	-4.0	0.0	-0.1	0.0	28.0
B416	770	GEO_Eqn_6.12b_nls10	2461.54	0.0	-1.0	0.0	-0.1	0.0	29.0
B416	770	GEO_Eqn_6.12b_nls10	2953.85	0.0	2.0	0.0	-0.1	0.0	28.0
B416	770	GEO_Eqn_6.12b_nls10	3446.15	0.0	5.0	0.0	-0.1	0.0	27.0
B416	770	GEO_Eqn_6.12b_nls10	3938.46	0.0	8.0	0.0	-0.1	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls10	4430.77	0.0	11.0	0.0	-0.1	0.0	18.0
B416	770	GEO_Eqn_6.12b_nls10	4923.08	0.0	14.0	0.0	-0.1	0.0	12.0
B416	770	GEO_Eqn_6.12b_nls10	5415.38	0.0	18.0	0.0	-0.1	0.0	4.0
B416	770	GEO_Eqn_6.12b_nls10	5907.69	0.0	21.0	0.0	-0.1	0.0	-5.0
B416	770	GEO_Eqn_6.12b_nls10	6400	0.0	24.0	0.0	-0.1	0.0	-16.0
B416	770	GEO_Eqn_6.12b_nls11	0	0.0	-25.0	0.0	0.0	0.0	-30.0
B416	770	GEO_Eqn_6.12b_nls11	492.31	0.0	-22.0	0.0	0.0	0.0	-18.0
B416	770	GEO_Eqn_6.12b_nls11	984.62	0.0	-19.0	0.0	0.0	0.0	-8.0
B416	770	GEO_Eqn_6.12b_nls11	1476.92	0.0	-16.0	0.0	0.0	0.0	1.0
B416	770	GEO_Eqn_6.12b_nls11	1969.23	0.0	-13.0	0.0	0.0	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls11	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0
B416	770	GEO_Eqn_6.12b_nls11	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls11	3446.15	0.0	-4.0	0.0	0.0	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls11	3938.46	0.0	-1.0	0.0	0.0	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls11	4430.77	0.0	2.0	0.0	0.0	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls11	4923.08	0.0	6.0	0.0	0.0	0.0	18.0
B416	770	GEO_Eqn_6.12b_nls11	5415.38	0.0	9.0	0.0	0.0	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls11	5907.69	0.0	12.0	0.0	0.0	0.0	10.0
B416	770	GEO_Eqn_6.12b_nls11	6400	0.0	15.0	0.0	0.0	0.0	3.0
B416	770	GEO_Eqn_6.12b_nls12	0	0.0	-25.0	0.0	-0.1	0.0	-31.0
B416	770	GEO_Eqn_6.12b_nls12	492.31	0.0	-22.0	0.0	-0.1	0.0	-19.0
B416	770	GEO_Eqn_6.12b_nls12	984.62	0.0	-19.0	0.0	-0.1	0.0	-9.0
B416	770	GEO_Eqn_6.12b_nls12	1476.92	0.0	-16.0	0.0	-0.1	0.0	-0.3
B416	770	GEO_Eqn_6.12b_nls12	1969.23	0.0	-13.0	0.0	-0.1	0.0	7.0
B416	770	GEO_Eqn_6.12b_nls12	2461.54	0.0	-10.0	0.0	-0.1	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B416	770	GEO_Eqn_6.12b_nls12	2953.85	0.0	-7.0	0.0	-0.1	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls12	3446.15	0.0	-4.0	0.0	-0.1	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls12	3938.46	0.0	-1.0	0.0	-0.1	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls12	4430.77	0.0	2.0	0.0	-0.1	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls12	4923.08	0.0	5.0	0.0	-0.1	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls12	5415.38	0.0	8.0	0.0	-0.1	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls12	5907.69	0.0	11.0	0.0	-0.1	0.0	10.0
B416	770	GEO_Eqn_6.12b_nls12	6400	0.0	15.0	0.0	-0.1	0.0	4.0
B416	770	GEO_Eqn_6.12b_nls13	0	0.0	-16.0	0.0	0.0	0.0	9.0
B416	770	GEO_Eqn_6.12b_nls13	492.31	0.0	-13.0	0.0	0.0	0.0	16.0
B416	770	GEO_Eqn_6.12b_nls13	984.62	0.0	-10.0	0.0	0.0	0.0	22.0
B416	770	GEO_Eqn_6.12b_nls13	1476.92	0.0	-7.0	0.0	0.0	0.0	26.0
B416	770	GEO_Eqn_6.12b_nls13	1969.23	0.0	-4.0	0.0	0.0	0.0	28.0
B416	770	GEO_Eqn_6.12b_nls13	2461.54	0.0	-0.5	0.0	0.0	0.0	29.0
B416	770	GEO_Eqn_6.12b_nls13	2953.85	0.0	3.0	0.0	0.0	0.0	29.0
B416	770	GEO_Eqn_6.12b_nls13	3446.15	0.0	6.0	0.0	0.0	0.0	27.0
B416	770	GEO_Eqn_6.12b_nls13	3938.46	0.0	9.0	0.0	0.0	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls13	4430.77	0.0	12.0	0.0	0.0	0.0	18.0
B416	770	GEO_Eqn_6.12b_nls13	4923.08	0.0	15.0	0.0	0.0	0.0	12.0
B416	770	GEO_Eqn_6.12b_nls13	5415.38	0.0	18.0	0.0	0.0	0.0	4.0
B416	770	GEO_Eqn_6.12b_nls13	5907.69	0.0	21.0	0.0	0.0	0.0	-6.0
B416	770	GEO_Eqn_6.12b_nls13	6400	0.0	24.0	0.0	0.0	0.0	-17.0
B416	770	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	-0.1	0.0	8.0
B416	770	GEO_Eqn_6.12b_nls14	492.31	0.0	-13.0	0.0	-0.1	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls14	984.62	0.0	-10.0	0.0	-0.1	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls14	1476.92	0.0	-7.0	0.0	-0.1	0.0	25.0
B416	770	GEO_Eqn_6.12b_nls14	1969.23	0.0	-4.0	0.0	-0.1	0.0	28.0
B416	770	GEO_Eqn_6.12b_nls14	2461.54	0.0	-1.0	0.0	-0.1	0.0	29.0
B416	770	GEO_Eqn_6.12b_nls14	2953.85	0.0	2.0	0.0	-0.1	0.0	29.0
B416	770	GEO_Eqn_6.12b_nls14	3446.15	0.0	5.0	0.0	-0.1	0.0	27.0
B416	770	GEO_Eqn_6.12b_nls14	3938.46	0.0	8.0	0.0	-0.1	0.0	23.0
B416	770	GEO_Eqn_6.12b_nls14	4430.77	0.0	11.0	0.0	-0.1	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls14	4923.08	0.0	14.0	0.0	-0.1	0.0	12.0
B416	770	GEO_Eqn_6.12b_nls14	5415.38	0.0	18.0	0.0	-0.1	0.0	4.0
B416	770	GEO_Eqn_6.12b_nls14	5907.69	0.0	21.0	0.0	-0.1	0.0	-5.0
B416	770	GEO_Eqn_6.12b_nls14	6400	0.0	24.0	0.0	-0.1	0.0	-16.0
B416	770	GEO_Eqn_6.12b_nls15	0	0.0	-26.0	0.0	-0.1	0.0	-31.0
B416	770	GEO_Eqn_6.12b_nls15	492.31	0.0	-23.0	0.0	-0.1	0.0	-20.0
B416	770	GEO_Eqn_6.12b_nls15	984.62	0.0	-19.0	0.0	-0.1	0.0	-9.0
B416	770	GEO_Eqn_6.12b_nls15	1476.92	0.0	-16.0	0.0	-0.1	0.0	-0.4
B416	770	GEO_Eqn_6.12b_nls15	1969.23	0.0	-13.0	0.0	-0.1	0.0	7.0
B416	770	GEO_Eqn_6.12b_nls15	2461.54	0.0	-10.0	0.0	-0.1	0.0	13.0
B416	770	GEO_Eqn_6.12b_nls15	2953.85	0.0	-7.0	0.0	-0.1	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls15	3446.15	0.0	-4.0	0.0	-0.1	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls15	3938.46	0.0	-1.0	0.0	-0.1	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls15	4430.77	0.0	2.0	0.0	-0.1	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls15	4923.08	0.0	5.0	0.0	-0.1	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls15	5415.38	0.0	8.0	0.0	-0.1	0.0	16.0
B416	770	GEO_Eqn_6.12b_nls15	5907.69	0.0	11.0	0.0	-0.1	0.0	11.0
B416	770	GEO_Eqn_6.12b_nls15	6400	0.0	14.0	0.0	-0.1	0.0	5.0
B416	770	GEO_Eqn_6.12b_nls16	0	0.0	-26.0	0.0	-0.1	0.0	-32.0
B416	770	GEO_Eqn_6.12b_nls16	492.31	0.0	-23.0	0.0	-0.1	0.0	-20.0
B416	770	GEO_Eqn_6.12b_nls16	984.62	0.0	-20.0	0.0	-0.1	0.0	-10.0
B416	770	GEO_Eqn_6.12b_nls16	1476.92	0.0	-16.0	0.0	-0.1	0.0	-1.0
B416	770	GEO_Eqn_6.12b_nls16	1969.23	0.0	-13.0	0.0	-0.1	0.0	6.0
B416	770	GEO_Eqn_6.12b_nls16	2461.54	0.0	-10.0	0.0	-0.1	0.0	12.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B416	770	GEO_Eqn_6.12b_nls16	2953.85	0.0	-7.0	0.0	-0.1	0.0	17.0
B416	770	GEO_Eqn_6.12b_nls16	3446.15	0.0	-4.0	0.0	-0.1	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls16	3938.46	0.0	-1.0	0.0	-0.1	0.0	21.0
B416	770	GEO_Eqn_6.12b_nls16	4430.77	0.0	2.0	0.0	-0.1	0.0	20.0
B416	770	GEO_Eqn_6.12b_nls16	4923.08	0.0	5.0	0.0	-0.1	0.0	19.0
B416	770	GEO_Eqn_6.12b_nls16	5415.38	0.0	8.0	0.0	-0.1	0.0	15.0
B416	770	GEO_Eqn_6.12b_nls16	5907.69	0.0	11.0	0.0	-0.1	0.0	11.0
B416	770	GEO_Eqn_6.12b_nls16	6400	0.0	14.0	0.0	-0.1	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls01	0	0.0	-19.0	0.0	0.0	0.0	-2.0
B417	771	GEO_Eqn_6.12b_nls01	492.31	0.0	-15.0	0.0	0.0	0.0	6.0
B417	771	GEO_Eqn_6.12b_nls01	984.62	0.0	-12.0	0.0	0.0	0.0	13.0
B417	771	GEO_Eqn_6.12b_nls01	1476.92	0.0	-9.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls01	1969.23	0.0	-6.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls01	2461.54	0.0	-3.0	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls01	2953.85	0.0	-0.1	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls01	3446.15	0.0	3.0	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls01	3938.46	0.0	6.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls01	4430.77	0.0	9.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls01	4923.08	0.0	12.0	0.0	0.0	0.0	13.0
B417	771	GEO_Eqn_6.12b_nls01	5415.38	0.0	15.0	0.0	0.0	0.0	7.0
B417	771	GEO_Eqn_6.12b_nls01	5907.69	0.0	18.0	0.0	0.0	0.0	-2.0
B417	771	GEO_Eqn_6.12b_nls01	6400	0.0	21.0	0.0	0.0	0.0	-12.0
B417	771	GEO_Eqn_6.12b_nls02	0	0.0	-20.0	0.0	0.0	0.0	-8.0
B417	771	GEO_Eqn_6.12b_nls02	492.31	0.0	-17.0	0.0	0.0	0.0	1.0
B417	771	GEO_Eqn_6.12b_nls02	984.62	0.0	-14.0	0.0	0.0	0.0	9.0
B417	771	GEO_Eqn_6.12b_nls02	1476.92	0.0	-11.0	0.0	0.0	0.0	15.0
B417	771	GEO_Eqn_6.12b_nls02	1969.23	0.0	-8.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls02	2461.54	0.0	-4.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls02	2953.85	0.0	-1.0	0.0	0.0	0.0	24.0
B417	771	GEO_Eqn_6.12b_nls02	3446.15	0.0	2.0	0.0	0.0	0.0	24.0
B417	771	GEO_Eqn_6.12b_nls02	3938.46	0.0	5.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls02	4430.77	0.0	8.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls02	4923.08	0.0	11.0	0.0	0.0	0.0	14.0
B417	771	GEO_Eqn_6.12b_nls02	5415.38	0.0	14.0	0.0	0.0	0.0	8.0
B417	771	GEO_Eqn_6.12b_nls02	5907.69	0.0	17.0	0.0	0.0	0.0	1.0
B417	771	GEO_Eqn_6.12b_nls02	6400	0.0	20.0	0.0	0.0	0.0	-9.0
B417	771	GEO_Eqn_6.12b_nls03	0	0.0	-19.0	0.0	0.0	0.0	-4.0
B417	771	GEO_Eqn_6.12b_nls03	492.31	0.0	-16.0	0.0	0.0	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls03	984.62	0.0	-13.0	0.0	0.0	0.0	11.0
B417	771	GEO_Eqn_6.12b_nls03	1476.92	0.0	-10.0	0.0	0.0	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls03	1969.23	0.0	-7.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls03	2461.54	0.0	-4.0	0.0	0.0	0.0	24.0
B417	771	GEO_Eqn_6.12b_nls03	2953.85	0.0	-1.0	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls03	3446.15	0.0	2.0	0.0	0.0	0.0	24.0
B417	771	GEO_Eqn_6.12b_nls03	3938.46	0.0	6.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls03	4430.77	0.0	9.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls03	4923.08	0.0	12.0	0.0	0.0	0.0	14.0
B417	771	GEO_Eqn_6.12b_nls03	5415.38	0.0	15.0	0.0	0.0	0.0	7.0
B417	771	GEO_Eqn_6.12b_nls03	5907.69	0.0	18.0	0.0	0.0	0.0	-1.0
B417	771	GEO_Eqn_6.12b_nls03	6400	0.0	21.0	0.0	0.0	0.0	-10.0
B417	771	GEO_Eqn_6.12b_nls04	0	0.0	-22.0	0.0	0.0	0.0	-16.0
B417	771	GEO_Eqn_6.12b_nls04	492.31	0.0	-19.0	0.0	0.0	0.0	-6.0
B417	771	GEO_Eqn_6.12b_nls04	984.62	0.0	-16.0	0.0	0.0	0.0	2.0
B417	771	GEO_Eqn_6.12b_nls04	1476.92	0.0	-13.0	0.0	0.0	0.0	9.0
B417	771	GEO_Eqn_6.12b_nls04	1969.23	0.0	-10.0	0.0	0.0	0.0	15.0
B417	771	GEO_Eqn_6.12b_nls04	2461.54	0.0	-7.0	0.0	0.0	0.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B417	771	GEO_Eqn_6.12b_nls04	2953.85	0.0	-3.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls04	3446.15	0.0	-0.4	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls04	3938.46	0.0	3.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls04	4430.77	0.0	6.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls04	4923.08	0.0	9.0	0.0	0.0	0.0	16.0
B417	771	GEO_Eqn_6.12b_nls04	5415.38	0.0	12.0	0.0	0.0	0.0	11.0
B417	771	GEO_Eqn_6.12b_nls04	5907.69	0.0	15.0	0.0	0.0	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls04	6400	0.0	18.0	0.0	0.0	0.0	-4.0
B417	771	GEO_Eqn_6.12b_nls05	0	0.0	-18.0	0.0	0.0	0.0	-2.0
B417	771	GEO_Eqn_6.12b_nls05	492.31	0.0	-15.0	0.0	0.0	0.0	7.0
B417	771	GEO_Eqn_6.12b_nls05	984.62	0.0	-12.0	0.0	0.0	0.0	13.0
B417	771	GEO_Eqn_6.12b_nls05	1476.92	0.0	-9.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls05	1969.23	0.0	-6.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls05	2461.54	0.0	-3.0	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls05	2953.85	0.0	0.0	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls05	3446.15	0.0	3.0	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls05	3938.46	0.0	6.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls05	4430.77	0.0	9.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls05	4923.08	0.0	12.0	0.0	0.0	0.0	13.0
B417	771	GEO_Eqn_6.12b_nls05	5415.38	0.0	15.0	0.0	0.0	0.0	6.0
B417	771	GEO_Eqn_6.12b_nls05	5907.69	0.0	18.0	0.0	0.0	0.0	-2.0
B417	771	GEO_Eqn_6.12b_nls05	6400	0.0	22.0	0.0	0.0	0.0	-12.0
B417	771	GEO_Eqn_6.12b_nls06	0	0.0	-21.0	0.0	0.0	0.0	-13.0
B417	771	GEO_Eqn_6.12b_nls06	492.31	0.0	-18.0	0.0	0.0	0.0	-3.0
B417	771	GEO_Eqn_6.12b_nls06	984.62	0.0	-15.0	0.0	0.0	0.0	5.0
B417	771	GEO_Eqn_6.12b_nls06	1476.92	0.0	-12.0	0.0	0.0	0.0	11.0
B417	771	GEO_Eqn_6.12b_nls06	1969.23	0.0	-9.0	0.0	0.0	0.0	16.0
B417	771	GEO_Eqn_6.12b_nls06	2461.54	0.0	-6.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls06	2953.85	0.0	-3.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls06	3446.15	0.0	0.4	0.0	0.0	0.0	23.0
B417	771	GEO_Eqn_6.12b_nls06	3938.46	0.0	3.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls06	4430.77	0.0	7.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls06	4923.08	0.0	10.0	0.0	0.0	0.0	15.0
B417	771	GEO_Eqn_6.12b_nls06	5415.38	0.0	13.0	0.0	0.0	0.0	10.0
B417	771	GEO_Eqn_6.12b_nls06	5907.69	0.0	16.0	0.0	0.0	0.0	3.0
B417	771	GEO_Eqn_6.12b_nls06	6400	0.0	19.0	0.0	0.0	0.0	-6.0
B417	771	GEO_Eqn_6.12b_nls07	0	0.0	-19.0	0.0	0.0	0.0	-4.0
B417	771	GEO_Eqn_6.12b_nls07	492.31	0.0	-16.0	0.0	0.0	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls07	984.62	0.0	-13.0	0.0	0.0	0.0	12.0
B417	771	GEO_Eqn_6.12b_nls07	1476.92	0.0	-10.0	0.0	0.0	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls07	1969.23	0.0	-7.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls07	2461.54	0.0	-4.0	0.0	0.0	0.0	24.0
B417	771	GEO_Eqn_6.12b_nls07	2953.85	0.0	-1.0	0.0	0.0	0.0	25.0
B417	771	GEO_Eqn_6.12b_nls07	3446.15	0.0	3.0	0.0	0.0	0.0	24.0
B417	771	GEO_Eqn_6.12b_nls07	3938.46	0.0	6.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls07	4430.77	0.0	9.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls07	4923.08	0.0	12.0	0.0	0.0	0.0	14.0
B417	771	GEO_Eqn_6.12b_nls07	5415.38	0.0	15.0	0.0	0.0	0.0	7.0
B417	771	GEO_Eqn_6.12b_nls07	5907.69	0.0	18.0	0.0	0.0	0.0	-1.0
B417	771	GEO_Eqn_6.12b_nls07	6400	0.0	21.0	0.0	0.0	0.0	-10.0
B417	771	GEO_Eqn_6.12b_nls08	0	0.0	-22.0	0.0	0.0	0.0	-16.0
B417	771	GEO_Eqn_6.12b_nls08	492.31	0.0	-19.0	0.0	0.0	0.0	-6.0
B417	771	GEO_Eqn_6.12b_nls08	984.62	0.0	-16.0	0.0	0.0	0.0	2.0
B417	771	GEO_Eqn_6.12b_nls08	1476.92	0.0	-13.0	0.0	0.0	0.0	9.0
B417	771	GEO_Eqn_6.12b_nls08	1969.23	0.0	-10.0	0.0	0.0	0.0	15.0
B417	771	GEO_Eqn_6.12b_nls08	2461.54	0.0	-6.0	0.0	0.0	0.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B417	771	GEO_Eqn_6.12b_nls08	2953.85	0.0	-3.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls08	3446.15	0.0	-0.3	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls08	3938.46	0.0	3.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls08	4430.77	0.0	6.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls08	4923.08	0.0	9.0	0.0	0.0	0.0	16.0
B417	771	GEO_Eqn_6.12b_nls08	5415.38	0.0	12.0	0.0	0.0	0.0	11.0
B417	771	GEO_Eqn_6.12b_nls08	5907.69	0.0	15.0	0.0	0.0	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls08	6400	0.0	18.0	0.0	0.0	0.0	-4.0
B417	771	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	0.0	0.0	10.0
B417	771	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	0.0	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	0.0	0.0	26.0
B417	771	GEO_Eqn_6.12b_nls09	1969.23	0.0	-3.0	0.0	0.0	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls09	2461.54	0.0	-0.4	0.0	0.0	0.0	30.0
B417	771	GEO_Eqn_6.12b_nls09	2953.85	0.0	3.0	0.0	0.0	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls09	3446.15	0.0	6.0	0.0	0.0	0.0	27.0
B417	771	GEO_Eqn_6.12b_nls09	3938.46	0.0	9.0	0.0	0.0	0.0	23.0
B417	771	GEO_Eqn_6.12b_nls09	4430.77	0.0	12.0	0.0	0.0	0.0	18.0
B417	771	GEO_Eqn_6.12b_nls09	4923.08	0.0	15.0	0.0	0.0	0.0	12.0
B417	771	GEO_Eqn_6.12b_nls09	5415.38	0.0	18.0	0.0	0.0	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls09	5907.69	0.0	21.0	0.0	0.0	0.0	-6.0
B417	771	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	0.0	0.0	-17.0
B417	771	GEO_Eqn_6.12b_nls10	0	0.0	-16.0	0.0	0.0	0.0	9.0
B417	771	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	0.0	0.0	16.0
B417	771	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	0.0	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls10	1476.92	0.0	-7.0	0.0	0.0	0.0	26.0
B417	771	GEO_Eqn_6.12b_nls10	1969.23	0.0	-4.0	0.0	0.0	0.0	28.0
B417	771	GEO_Eqn_6.12b_nls10	2461.54	0.0	-1.0	0.0	0.0	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls10	2953.85	0.0	3.0	0.0	0.0	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls10	3446.15	0.0	6.0	0.0	0.0	0.0	27.0
B417	771	GEO_Eqn_6.12b_nls10	3938.46	0.0	9.0	0.0	0.0	0.0	23.0
B417	771	GEO_Eqn_6.12b_nls10	4430.77	0.0	12.0	0.0	0.0	0.0	18.0
B417	771	GEO_Eqn_6.12b_nls10	4923.08	0.0	15.0	0.0	0.0	0.0	12.0
B417	771	GEO_Eqn_6.12b_nls10	5415.38	0.0	18.0	0.0	0.0	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls10	5907.69	0.0	21.0	0.0	0.0	0.0	-6.0
B417	771	GEO_Eqn_6.12b_nls10	6400	0.0	24.0	0.0	0.0	0.0	-17.0
B417	771	GEO_Eqn_6.12b_nls11	0	0.0	-25.0	0.0	0.0	0.0	-29.0
B417	771	GEO_Eqn_6.12b_nls11	492.31	0.0	-22.0	0.0	0.0	0.0	-18.0
B417	771	GEO_Eqn_6.12b_nls11	984.62	0.0	-19.0	0.0	0.0	0.0	-8.0
B417	771	GEO_Eqn_6.12b_nls11	1476.92	0.0	-16.0	0.0	0.0	0.0	1.0
B417	771	GEO_Eqn_6.12b_nls11	1969.23	0.0	-13.0	0.0	0.0	0.0	8.0
B417	771	GEO_Eqn_6.12b_nls11	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0
B417	771	GEO_Eqn_6.12b_nls11	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls11	3446.15	0.0	-3.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls11	3938.46	0.0	-0.4	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls11	4430.77	0.0	3.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls11	4923.08	0.0	6.0	0.0	0.0	0.0	18.0
B417	771	GEO_Eqn_6.12b_nls11	5415.38	0.0	9.0	0.0	0.0	0.0	15.0
B417	771	GEO_Eqn_6.12b_nls11	5907.69	0.0	12.0	0.0	0.0	0.0	9.0
B417	771	GEO_Eqn_6.12b_nls11	6400	0.0	15.0	0.0	0.0	0.0	3.0
B417	771	GEO_Eqn_6.12b_nls12	0	0.0	-25.0	0.0	0.0	0.0	-30.0
B417	771	GEO_Eqn_6.12b_nls12	492.31	0.0	-22.0	0.0	0.0	0.0	-18.0
B417	771	GEO_Eqn_6.12b_nls12	984.62	0.0	-19.0	0.0	0.0	0.0	-8.0
B417	771	GEO_Eqn_6.12b_nls12	1476.92	0.0	-16.0	0.0	0.0	0.0	0.3
B417	771	GEO_Eqn_6.12b_nls12	1969.23	0.0	-13.0	0.0	0.0	0.0	7.0
B417	771	GEO_Eqn_6.12b_nls12	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B417	771	GEO_Eqn_6.12b_nls12	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls12	3446.15	0.0	-4.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls12	3938.46	0.0	-1.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls12	4430.77	0.0	2.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls12	4923.08	0.0	6.0	0.0	0.0	0.0	18.0
B417	771	GEO_Eqn_6.12b_nls12	5415.38	0.0	9.0	0.0	0.0	0.0	15.0
B417	771	GEO_Eqn_6.12b_nls12	5907.69	0.0	12.0	0.0	0.0	0.0	10.0
B417	771	GEO_Eqn_6.12b_nls12	6400	0.0	15.0	0.0	0.0	0.0	3.0
B417	771	GEO_Eqn_6.12b_nls13	0	0.0	-16.0	0.0	0.1	0.0	9.0
B417	771	GEO_Eqn_6.12b_nls13	492.31	0.0	-13.0	0.0	0.1	0.0	16.0
B417	771	GEO_Eqn_6.12b_nls13	984.62	0.0	-10.0	0.0	0.1	0.0	22.0
B417	771	GEO_Eqn_6.12b_nls13	1476.92	0.0	-7.0	0.0	0.1	0.0	26.0
B417	771	GEO_Eqn_6.12b_nls13	1969.23	0.0	-4.0	0.0	0.1	0.0	28.0
B417	771	GEO_Eqn_6.12b_nls13	2461.54	0.0	-1.0	0.0	0.1	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls13	2953.85	0.0	2.0	0.0	0.1	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls13	3446.15	0.0	6.0	0.0	0.1	0.0	27.0
B417	771	GEO_Eqn_6.12b_nls13	3938.46	0.0	9.0	0.0	0.1	0.0	24.0
B417	771	GEO_Eqn_6.12b_nls13	4430.77	0.0	12.0	0.0	0.1	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls13	4923.08	0.0	15.0	0.0	0.1	0.0	12.0
B417	771	GEO_Eqn_6.12b_nls13	5415.38	0.0	18.0	0.0	0.1	0.0	4.0
B417	771	GEO_Eqn_6.12b_nls13	5907.69	0.0	21.0	0.0	0.1	0.0	-6.0
B417	771	GEO_Eqn_6.12b_nls13	6400	0.0	24.0	0.0	0.1	0.0	-17.0
B417	771	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	0.1	0.0	10.0
B417	771	GEO_Eqn_6.12b_nls14	492.31	0.0	-13.0	0.0	0.1	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls14	984.62	0.0	-10.0	0.0	0.1	0.0	23.0
B417	771	GEO_Eqn_6.12b_nls14	1476.92	0.0	-6.0	0.0	0.1	0.0	26.0
B417	771	GEO_Eqn_6.12b_nls14	1969.23	0.0	-3.0	0.0	0.1	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls14	2461.54	0.0	-0.3	0.0	0.1	0.0	30.0
B417	771	GEO_Eqn_6.12b_nls14	2953.85	0.0	3.0	0.0	0.1	0.0	29.0
B417	771	GEO_Eqn_6.12b_nls14	3446.15	0.0	6.0	0.0	0.1	0.0	27.0
B417	771	GEO_Eqn_6.12b_nls14	3938.46	0.0	9.0	0.0	0.1	0.0	23.0
B417	771	GEO_Eqn_6.12b_nls14	4430.77	0.0	12.0	0.0	0.1	0.0	18.0
B417	771	GEO_Eqn_6.12b_nls14	4923.08	0.0	15.0	0.0	0.1	0.0	12.0
B417	771	GEO_Eqn_6.12b_nls14	5415.38	0.0	18.0	0.0	0.1	0.0	3.0
B417	771	GEO_Eqn_6.12b_nls14	5907.69	0.0	21.0	0.0	0.1	0.0	-6.0
B417	771	GEO_Eqn_6.12b_nls14	6400	0.0	24.0	0.0	0.1	0.0	-18.0
B417	771	GEO_Eqn_6.12b_nls15	0	0.0	-25.0	0.0	0.0	0.0	-28.0
B417	771	GEO_Eqn_6.12b_nls15	492.31	0.0	-22.0	0.0	0.0	0.0	-17.0
B417	771	GEO_Eqn_6.12b_nls15	984.62	0.0	-19.0	0.0	0.0	0.0	-7.0
B417	771	GEO_Eqn_6.12b_nls15	1476.92	0.0	-16.0	0.0	0.0	0.0	1.0
B417	771	GEO_Eqn_6.12b_nls15	1969.23	0.0	-12.0	0.0	0.0	0.0	8.0
B417	771	GEO_Eqn_6.12b_nls15	2461.54	0.0	-9.0	0.0	0.0	0.0	14.0
B417	771	GEO_Eqn_6.12b_nls15	2953.85	0.0	-6.0	0.0	0.0	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls15	3446.15	0.0	-3.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls15	3938.46	0.0	-0.2	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls15	4430.77	0.0	3.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls15	4923.08	0.0	6.0	0.0	0.0	0.0	18.0
B417	771	GEO_Eqn_6.12b_nls15	5415.38	0.0	9.0	0.0	0.0	0.0	14.0
B417	771	GEO_Eqn_6.12b_nls15	5907.69	0.0	12.0	0.0	0.0	0.0	9.0
B417	771	GEO_Eqn_6.12b_nls15	6400	0.0	15.0	0.0	0.0	0.0	2.0
B417	771	GEO_Eqn_6.12b_nls16	0	0.0	-25.0	0.0	0.0	0.0	-31.0
B417	771	GEO_Eqn_6.12b_nls16	492.31	0.0	-22.0	0.0	0.0	0.0	-19.0
B417	771	GEO_Eqn_6.12b_nls16	984.62	0.0	-19.0	0.0	0.0	0.0	-9.0
B417	771	GEO_Eqn_6.12b_nls16	1476.92	0.0	-16.0	0.0	0.0	0.0	-0.1
B417	771	GEO_Eqn_6.12b_nls16	1969.23	0.0	-13.0	0.0	0.0	0.0	7.0
B417	771	GEO_Eqn_6.12b_nls16	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B417	771	GEO_Eqn_6.12b_nls16	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B417	771	GEO_Eqn_6.12b_nls16	3446.15	0.0	-4.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls16	3938.46	0.0	-1.0	0.0	0.0	0.0	21.0
B417	771	GEO_Eqn_6.12b_nls16	4430.77	0.0	2.0	0.0	0.0	0.0	20.0
B417	771	GEO_Eqn_6.12b_nls16	4923.08	0.0	5.0	0.0	0.0	0.0	19.0
B417	771	GEO_Eqn_6.12b_nls16	5415.38	0.0	8.0	0.0	0.0	0.0	15.0
B417	771	GEO_Eqn_6.12b_nls16	5907.69	0.0	12.0	0.0	0.0	0.0	10.0
B417	771	GEO_Eqn_6.12b_nls16	6400	0.0	15.0	0.0	0.0	0.0	4.0
B418	840	GEO_Eqn_6.12b_nls01	0	0.0	-19.0	0.0	-1.0	0.0	-3.0
B418	840	GEO_Eqn_6.12b_nls01	492.31	0.0	-16.0	0.0	-1.0	0.0	5.0
B418	840	GEO_Eqn_6.12b_nls01	984.62	0.0	-13.0	0.0	-1.0	0.0	12.0
B418	840	GEO_Eqn_6.12b_nls01	1476.92	0.0	-10.0	0.0	-1.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls01	1969.23	0.0	-6.0	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls01	2461.54	0.0	-3.0	0.0	-1.0	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls01	2953.85	0.0	-0.3	0.0	-1.0	0.0	25.0
B418	840	GEO_Eqn_6.12b_nls01	3446.15	0.0	3.0	0.0	-1.0	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls01	3938.46	0.0	6.0	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls01	4430.77	0.0	9.0	0.0	-1.0	0.0	19.0
B418	840	GEO_Eqn_6.12b_nls01	4923.08	0.0	12.0	0.0	-1.0	0.0	13.0
B418	840	GEO_Eqn_6.12b_nls01	5415.38	0.0	15.0	0.0	-1.0	0.0	7.0
B418	840	GEO_Eqn_6.12b_nls01	5907.69	0.0	18.0	0.0	-1.0	0.0	-1.0
B418	840	GEO_Eqn_6.12b_nls01	6400	0.0	21.0	0.0	-1.0	0.0	-11.0
B418	840	GEO_Eqn_6.12b_nls02	0	0.0	-20.0	0.0	-1.0	0.0	-9.0
B418	840	GEO_Eqn_6.12b_nls02	492.31	0.0	-17.0	0.0	-1.0	0.0	0.3
B418	840	GEO_Eqn_6.12b_nls02	984.62	0.0	-14.0	0.0	-1.0	0.0	8.0
B418	840	GEO_Eqn_6.12b_nls02	1476.92	0.0	-11.0	0.0	-1.0	0.0	14.0
B418	840	GEO_Eqn_6.12b_nls02	1969.23	0.0	-8.0	0.0	-1.0	0.0	19.0
B418	840	GEO_Eqn_6.12b_nls02	2461.54	0.0	-5.0	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls02	2953.85	0.0	-2.0	0.0	-1.0	0.0	23.0
B418	840	GEO_Eqn_6.12b_nls02	3446.15	0.0	1.0	0.0	-1.0	0.0	23.0
B418	840	GEO_Eqn_6.12b_nls02	3938.46	0.0	5.0	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls02	4430.77	0.0	8.0	0.0	-1.0	0.0	19.0
B418	840	GEO_Eqn_6.12b_nls02	4923.08	0.0	11.0	0.0	-1.0	0.0	14.0
B418	840	GEO_Eqn_6.12b_nls02	5415.38	0.0	14.0	0.0	-1.0	0.0	8.0
B418	840	GEO_Eqn_6.12b_nls02	5907.69	0.0	17.0	0.0	-1.0	0.0	1.0
B418	840	GEO_Eqn_6.12b_nls02	6400	0.0	20.0	0.0	-1.0	0.0	-8.0
B418	840	GEO_Eqn_6.12b_nls03	0	0.0	-19.0	0.0	-0.1	0.0	-3.0
B418	840	GEO_Eqn_6.12b_nls03	492.31	0.0	-16.0	0.0	-0.1	0.0	5.0
B418	840	GEO_Eqn_6.12b_nls03	984.62	0.0	-13.0	0.0	-0.1	0.0	12.0
B418	840	GEO_Eqn_6.12b_nls03	1476.92	0.0	-9.0	0.0	-0.1	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls03	1969.23	0.0	-6.0	0.0	-0.1	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls03	2461.54	0.0	-3.0	0.0	-0.1	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls03	2953.85	0.0	-0.3	0.0	-0.1	0.0	25.0
B418	840	GEO_Eqn_6.12b_nls03	3446.15	0.0	3.0	0.0	-0.1	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls03	3938.46	0.0	6.0	0.0	-0.1	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls03	4430.77	0.0	9.0	0.0	-0.1	0.0	19.0
B418	840	GEO_Eqn_6.12b_nls03	4923.08	0.0	12.0	0.0	-0.1	0.0	13.0
B418	840	GEO_Eqn_6.12b_nls03	5415.38	0.0	15.0	0.0	-0.1	0.0	7.0
B418	840	GEO_Eqn_6.12b_nls03	5907.69	0.0	18.0	0.0	-0.1	0.0	-2.0
B418	840	GEO_Eqn_6.12b_nls03	6400	0.0	21.0	0.0	-0.1	0.0	-11.0
B418	840	GEO_Eqn_6.12b_nls04	0	0.0	-21.0	0.0	-0.1	0.0	-15.0
B418	840	GEO_Eqn_6.12b_nls04	492.31	0.0	-18.0	0.0	-0.1	0.0	-5.0
B418	840	GEO_Eqn_6.12b_nls04	984.62	0.0	-15.0	0.0	-0.1	0.0	4.0
B418	840	GEO_Eqn_6.12b_nls04	1476.92	0.0	-12.0	0.0	-0.1	0.0	10.0
B418	840	GEO_Eqn_6.12b_nls04	1969.23	0.0	-9.0	0.0	-0.1	0.0	16.0
B418	840	GEO_Eqn_6.12b_nls04	2461.54	0.0	-6.0	0.0	-0.1	0.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B418	840	GEO_Eqn_6.12b_nls04	2953.85	0.0	-3.0	0.0	-0.1	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls04	3446.15	0.0	0.1	0.0	-0.1	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls04	3938.46	0.0	3.0	0.0	-0.1	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls04	4430.77	0.0	6.0	0.0	-0.1	0.0	19.0
B418	840	GEO_Eqn_6.12b_nls04	4923.08	0.0	9.0	0.0	-0.1	0.0	15.0
B418	840	GEO_Eqn_6.12b_nls04	5415.38	0.0	12.0	0.0	-0.1	0.0	10.0
B418	840	GEO_Eqn_6.12b_nls04	5907.69	0.0	15.0	0.0	-0.1	0.0	3.0
B418	840	GEO_Eqn_6.12b_nls04	6400	0.0	19.0	0.0	-0.1	0.0	-5.0
B418	840	GEO_Eqn_6.12b_nls05	0	0.0	-19.0	0.0	-1.0	0.0	-2.0
B418	840	GEO_Eqn_6.12b_nls05	492.31	0.0	-15.0	0.0	-1.0	0.0	6.0
B418	840	GEO_Eqn_6.12b_nls05	984.62	0.0	-12.0	0.0	-1.0	0.0	13.0
B418	840	GEO_Eqn_6.12b_nls05	1476.92	0.0	-9.0	0.0	-1.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls05	1969.23	0.0	-6.0	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls05	2461.54	0.0	-3.0	0.0	-1.0	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls05	2953.85	0.0	-0.1	0.0	-1.0	0.0	25.0
B418	840	GEO_Eqn_6.12b_nls05	3446.15	0.0	3.0	0.0	-1.0	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls05	3938.46	0.0	6.0	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls05	4430.77	0.0	9.0	0.0	-1.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls05	4923.08	0.0	12.0	0.0	-1.0	0.0	13.0
B418	840	GEO_Eqn_6.12b_nls05	5415.38	0.0	15.0	0.0	-1.0	0.0	6.0
B418	840	GEO_Eqn_6.12b_nls05	5907.69	0.0	18.0	0.0	-1.0	0.0	-2.0
B418	840	GEO_Eqn_6.12b_nls05	6400	0.0	21.0	0.0	-1.0	0.0	-12.0
B418	840	GEO_Eqn_6.12b_nls06	0	0.0	-21.0	0.0	-1.0	0.0	-13.0
B418	840	GEO_Eqn_6.12b_nls06	492.31	0.0	-18.0	0.0	-1.0	0.0	-4.0
B418	840	GEO_Eqn_6.12b_nls06	984.62	0.0	-15.0	0.0	-1.0	0.0	4.0
B418	840	GEO_Eqn_6.12b_nls06	1476.92	0.0	-12.0	0.0	-1.0	0.0	11.0
B418	840	GEO_Eqn_6.12b_nls06	1969.23	0.0	-9.0	0.0	-1.0	0.0	16.0
B418	840	GEO_Eqn_6.12b_nls06	2461.54	0.0	-6.0	0.0	-1.0	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls06	2953.85	0.0	-3.0	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls06	3446.15	0.0	0.4	0.0	-1.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls06	3938.46	0.0	3.0	0.0	-1.0	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls06	4430.77	0.0	7.0	0.0	-1.0	0.0	19.0
B418	840	GEO_Eqn_6.12b_nls06	4923.08	0.0	10.0	0.0	-1.0	0.0	15.0
B418	840	GEO_Eqn_6.12b_nls06	5415.38	0.0	13.0	0.0	-1.0	0.0	10.0
B418	840	GEO_Eqn_6.12b_nls06	5907.69	0.0	16.0	0.0	-1.0	0.0	3.0
B418	840	GEO_Eqn_6.12b_nls06	6400	0.0	19.0	0.0	-1.0	0.0	-6.0
B418	840	GEO_Eqn_6.12b_nls07	0	0.0	-19.0	0.0	0.0	0.0	-4.0
B418	840	GEO_Eqn_6.12b_nls07	492.31	0.0	-16.0	0.0	0.0	0.0	5.0
B418	840	GEO_Eqn_6.12b_nls07	984.62	0.0	-13.0	0.0	0.0	0.0	12.0
B418	840	GEO_Eqn_6.12b_nls07	1476.92	0.0	-10.0	0.0	0.0	0.0	17.0
B418	840	GEO_Eqn_6.12b_nls07	1969.23	0.0	-7.0	0.0	0.0	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls07	2461.54	0.0	-3.0	0.0	0.0	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls07	2953.85	0.0	-0.4	0.0	0.0	0.0	25.0
B418	840	GEO_Eqn_6.12b_nls07	3446.15	0.0	3.0	0.0	0.0	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls07	3938.46	0.0	6.0	0.0	0.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls07	4430.77	0.0	9.0	0.0	0.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls07	4923.08	0.0	12.0	0.0	0.0	0.0	13.0
B418	840	GEO_Eqn_6.12b_nls07	5415.38	0.0	15.0	0.0	0.0	0.0	7.0
B418	840	GEO_Eqn_6.12b_nls07	5907.69	0.0	18.0	0.0	0.0	0.0	-1.0
B418	840	GEO_Eqn_6.12b_nls07	6400	0.0	21.0	0.0	0.0	0.0	-11.0
B418	840	GEO_Eqn_6.12b_nls08	0	0.0	-22.0	0.0	-0.1	0.0	-15.0
B418	840	GEO_Eqn_6.12b_nls08	492.31	0.0	-18.0	0.0	-0.1	0.0	-5.0
B418	840	GEO_Eqn_6.12b_nls08	984.62	0.0	-15.0	0.0	-0.1	0.0	3.0
B418	840	GEO_Eqn_6.12b_nls08	1476.92	0.0	-12.0	0.0	-0.1	0.0	10.0
B418	840	GEO_Eqn_6.12b_nls08	1969.23	0.0	-9.0	0.0	-0.1	0.0	15.0
B418	840	GEO_Eqn_6.12b_nls08	2461.54	0.0	-6.0	0.0	-0.1	0.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B418	840	GEO_Eqn_6.12b_nls08	2953.85	0.0	-3.0	0.0	-0.1	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls08	3446.15	0.0	0.0	0.0	-0.1	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls08	3938.46	0.0	3.0	0.0	-0.1	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls08	4430.77	0.0	6.0	0.0	-0.1	0.0	19.0
B418	840	GEO_Eqn_6.12b_nls08	4923.08	0.0	9.0	0.0	-0.1	0.0	15.0
B418	840	GEO_Eqn_6.12b_nls08	5415.38	0.0	12.0	0.0	-0.1	0.0	10.0
B418	840	GEO_Eqn_6.12b_nls08	5907.69	0.0	15.0	0.0	-0.1	0.0	3.0
B418	840	GEO_Eqn_6.12b_nls08	6400	0.0	18.0	0.0	-0.1	0.0	-5.0
B418	840	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	-0.4	0.0	9.0
B418	840	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	-0.4	0.0	16.0
B418	840	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	-0.4	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	-0.4	0.0	26.0
B418	840	GEO_Eqn_6.12b_nls09	1969.23	0.0	-4.0	0.0	-0.4	0.0	28.0
B418	840	GEO_Eqn_6.12b_nls09	2461.54	0.0	-0.5	0.0	-0.4	0.0	29.0
B418	840	GEO_Eqn_6.12b_nls09	2953.85	0.0	3.0	0.0	-0.4	0.0	29.0
B418	840	GEO_Eqn_6.12b_nls09	3446.15	0.0	6.0	0.0	-0.4	0.0	27.0
B418	840	GEO_Eqn_6.12b_nls09	3938.46	0.0	9.0	0.0	-0.4	0.0	23.0
B418	840	GEO_Eqn_6.12b_nls09	4430.77	0.0	12.0	0.0	-0.4	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls09	4923.08	0.0	15.0	0.0	-0.4	0.0	12.0
B418	840	GEO_Eqn_6.12b_nls09	5415.38	0.0	18.0	0.0	-0.4	0.0	3.0
B418	840	GEO_Eqn_6.12b_nls09	5907.69	0.0	21.0	0.0	-0.4	0.0	-6.0
B418	840	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	-0.4	0.0	-17.0
B418	840	GEO_Eqn_6.12b_nls10	0	0.0	-16.0	0.0	0.0	0.0	9.0
B418	840	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	0.0	0.0	16.0
B418	840	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	0.0	0.0	22.0
B418	840	GEO_Eqn_6.12b_nls10	1476.92	0.0	-7.0	0.0	0.0	0.0	26.0
B418	840	GEO_Eqn_6.12b_nls10	1969.23	0.0	-4.0	0.0	0.0	0.0	28.0
B418	840	GEO_Eqn_6.12b_nls10	2461.54	0.0	-0.5	0.0	0.0	0.0	29.0
B418	840	GEO_Eqn_6.12b_nls10	2953.85	0.0	3.0	0.0	0.0	0.0	29.0
B418	840	GEO_Eqn_6.12b_nls10	3446.15	0.0	6.0	0.0	0.0	0.0	27.0
B418	840	GEO_Eqn_6.12b_nls10	3938.46	0.0	9.0	0.0	0.0	0.0	23.0
B418	840	GEO_Eqn_6.12b_nls10	4430.77	0.0	12.0	0.0	0.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls10	4923.08	0.0	15.0	0.0	0.0	0.0	12.0
B418	840	GEO_Eqn_6.12b_nls10	5415.38	0.0	18.0	0.0	0.0	0.0	4.0
B418	840	GEO_Eqn_6.12b_nls10	5907.69	0.0	21.0	0.0	0.0	0.0	-6.0
B418	840	GEO_Eqn_6.12b_nls10	6400	0.0	24.0	0.0	0.0	0.0	-17.0
B418	840	GEO_Eqn_6.12b_nls11	0	0.0	-25.0	0.0	-0.3	0.0	-29.0
B418	840	GEO_Eqn_6.12b_nls11	492.31	0.0	-22.0	0.0	-0.3	0.0	-18.0
B418	840	GEO_Eqn_6.12b_nls11	984.62	0.0	-19.0	0.0	-0.3	0.0	-8.0
B418	840	GEO_Eqn_6.12b_nls11	1476.92	0.0	-16.0	0.0	-0.3	0.0	1.0
B418	840	GEO_Eqn_6.12b_nls11	1969.23	0.0	-13.0	0.0	-0.3	0.0	8.0
B418	840	GEO_Eqn_6.12b_nls11	2461.54	0.0	-10.0	0.0	-0.3	0.0	13.0
B418	840	GEO_Eqn_6.12b_nls11	2953.85	0.0	-6.0	0.0	-0.3	0.0	17.0
B418	840	GEO_Eqn_6.12b_nls11	3446.15	0.0	-3.0	0.0	-0.3	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls11	3938.46	0.0	-0.3	0.0	-0.3	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls11	4430.77	0.0	3.0	0.0	-0.3	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls11	4923.08	0.0	6.0	0.0	-0.3	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls11	5415.38	0.0	9.0	0.0	-0.3	0.0	14.0
B418	840	GEO_Eqn_6.12b_nls11	5907.69	0.0	12.0	0.0	-0.3	0.0	9.0
B418	840	GEO_Eqn_6.12b_nls11	6400	0.0	15.0	0.0	-0.3	0.0	3.0
B418	840	GEO_Eqn_6.12b_nls12	0	0.0	-25.0	0.0	0.0	0.0	-29.0
B418	840	GEO_Eqn_6.12b_nls12	492.31	0.0	-22.0	0.0	0.0	0.0	-18.0
B418	840	GEO_Eqn_6.12b_nls12	984.62	0.0	-19.0	0.0	0.0	0.0	-8.0
B418	840	GEO_Eqn_6.12b_nls12	1476.92	0.0	-16.0	0.0	0.0	0.0	1.0
B418	840	GEO_Eqn_6.12b_nls12	1969.23	0.0	-13.0	0.0	0.0	0.0	8.0
B418	840	GEO_Eqn_6.12b_nls12	2461.54	0.0	-10.0	0.0	0.0	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B418	840	GEO_Eqn_6.12b_nls12	2953.85	0.0	-7.0	0.0	0.0	0.0	17.0
B418	840	GEO_Eqn_6.12b_nls12	3446.15	0.0	-3.0	0.0	0.0	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls12	3938.46	0.0	-0.4	0.0	0.0	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls12	4430.77	0.0	3.0	0.0	0.0	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls12	4923.08	0.0	6.0	0.0	0.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls12	5415.38	0.0	9.0	0.0	0.0	0.0	14.0
B418	840	GEO_Eqn_6.12b_nls12	5907.69	0.0	12.0	0.0	0.0	0.0	9.0
B418	840	GEO_Eqn_6.12b_nls12	6400	0.0	15.0	0.0	0.0	0.0	3.0
B418	840	GEO_Eqn_6.12b_nls13	0	0.0	-16.0	0.0	0.0	0.0	7.0
B418	840	GEO_Eqn_6.12b_nls13	492.31	0.0	-13.0	0.0	0.0	0.0	14.0
B418	840	GEO_Eqn_6.12b_nls13	984.62	0.0	-10.0	0.0	0.0	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls13	1476.92	0.0	-7.0	0.0	0.0	0.0	24.0
B418	840	GEO_Eqn_6.12b_nls13	1969.23	0.0	-4.0	0.0	0.0	0.0	27.0
B418	840	GEO_Eqn_6.12b_nls13	2461.54	0.0	-1.0	0.0	0.0	0.0	28.0
B418	840	GEO_Eqn_6.12b_nls13	2953.85	0.0	2.0	0.0	0.0	0.0	28.0
B418	840	GEO_Eqn_6.12b_nls13	3446.15	0.0	5.0	0.0	0.0	0.0	26.0
B418	840	GEO_Eqn_6.12b_nls13	3938.46	0.0	8.0	0.0	0.0	0.0	23.0
B418	840	GEO_Eqn_6.12b_nls13	4430.77	0.0	11.0	0.0	0.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls13	4923.08	0.0	14.0	0.0	0.0	0.0	12.0
B418	840	GEO_Eqn_6.12b_nls13	5415.38	0.0	17.0	0.0	0.0	0.0	4.0
B418	840	GEO_Eqn_6.12b_nls13	5907.69	0.0	20.0	0.0	0.0	0.0	-5.0
B418	840	GEO_Eqn_6.12b_nls13	6400	0.0	24.0	0.0	0.0	0.0	-16.0
B418	840	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	0.0	0.0	8.0
B418	840	GEO_Eqn_6.12b_nls14	492.31	0.0	-13.0	0.0	0.0	0.0	15.0
B418	840	GEO_Eqn_6.12b_nls14	984.62	0.0	-10.0	0.0	0.0	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls14	1476.92	0.0	-7.0	0.0	0.0	0.0	25.0
B418	840	GEO_Eqn_6.12b_nls14	1969.23	0.0	-4.0	0.0	0.0	0.0	28.0
B418	840	GEO_Eqn_6.12b_nls14	2461.54	0.0	-1.0	0.0	0.0	0.0	29.0
B418	840	GEO_Eqn_6.12b_nls14	2953.85	0.0	2.0	0.0	0.0	0.0	28.0
B418	840	GEO_Eqn_6.12b_nls14	3446.15	0.0	5.0	0.0	0.0	0.0	27.0
B418	840	GEO_Eqn_6.12b_nls14	3938.46	0.0	9.0	0.0	0.0	0.0	23.0
B418	840	GEO_Eqn_6.12b_nls14	4430.77	0.0	12.0	0.0	0.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls14	4923.08	0.0	15.0	0.0	0.0	0.0	12.0
B418	840	GEO_Eqn_6.12b_nls14	5415.38	0.0	18.0	0.0	0.0	0.0	4.0
B418	840	GEO_Eqn_6.12b_nls14	5907.69	0.0	21.0	0.0	0.0	0.0	-6.0
B418	840	GEO_Eqn_6.12b_nls14	6400	0.0	24.0	0.0	0.0	0.0	-17.0
B418	840	GEO_Eqn_6.12b_nls15	0	0.0	-24.0	0.0	-1.0	0.0	-27.0
B418	840	GEO_Eqn_6.12b_nls15	492.31	0.0	-21.0	0.0	-1.0	0.0	-16.0
B418	840	GEO_Eqn_6.12b_nls15	984.62	0.0	-18.0	0.0	-1.0	0.0	-6.0
B418	840	GEO_Eqn_6.12b_nls15	1476.92	0.0	-15.0	0.0	-1.0	0.0	2.0
B418	840	GEO_Eqn_6.12b_nls15	1969.23	0.0	-12.0	0.0	-1.0	0.0	9.0
B418	840	GEO_Eqn_6.12b_nls15	2461.54	0.0	-9.0	0.0	-1.0	0.0	14.0
B418	840	GEO_Eqn_6.12b_nls15	2953.85	0.0	-6.0	0.0	-1.0	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls15	3446.15	0.0	-3.0	0.0	-1.0	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls15	3938.46	0.0	0.2	0.0	-1.0	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls15	4430.77	0.0	3.0	0.0	-1.0	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls15	4923.08	0.0	6.0	0.0	-1.0	0.0	17.0
B418	840	GEO_Eqn_6.12b_nls15	5415.38	0.0	9.0	0.0	-1.0	0.0	13.0
B418	840	GEO_Eqn_6.12b_nls15	5907.69	0.0	13.0	0.0	-1.0	0.0	8.0
B418	840	GEO_Eqn_6.12b_nls15	6400	0.0	16.0	0.0	-1.0	0.0	1.0
B418	840	GEO_Eqn_6.12b_nls16	0	0.0	-25.0	0.0	-0.1	0.0	-29.0
B418	840	GEO_Eqn_6.12b_nls16	492.31	0.0	-22.0	0.0	-0.1	0.0	-17.0
B418	840	GEO_Eqn_6.12b_nls16	984.62	0.0	-19.0	0.0	-0.1	0.0	-7.0
B418	840	GEO_Eqn_6.12b_nls16	1476.92	0.0	-16.0	0.0	-0.1	0.0	1.0
B418	840	GEO_Eqn_6.12b_nls16	1969.23	0.0	-13.0	0.0	-0.1	0.0	8.0
B418	840	GEO_Eqn_6.12b_nls16	2461.54	0.0	-9.0	0.0	-0.1	0.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B418	840	GEO_Eqn_6.12b_nls16	2953.85	0.0	-6.0	0.0	-0.1	0.0	17.0
B418	840	GEO_Eqn_6.12b_nls16	3446.15	0.0	-3.0	0.0	-0.1	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls16	3938.46	0.0	-0.2	0.0	-0.1	0.0	21.0
B418	840	GEO_Eqn_6.12b_nls16	4430.77	0.0	3.0	0.0	-0.1	0.0	20.0
B418	840	GEO_Eqn_6.12b_nls16	4923.08	0.0	6.0	0.0	-0.1	0.0	18.0
B418	840	GEO_Eqn_6.12b_nls16	5415.38	0.0	9.0	0.0	-0.1	0.0	14.0
B418	840	GEO_Eqn_6.12b_nls16	5907.69	0.0	12.0	0.0	-0.1	0.0	9.0
B418	840	GEO_Eqn_6.12b_nls16	6400	0.0	15.0	0.0	-0.1	0.0	2.0
B419	841	GEO_Eqn_6.12b_nls01	0	0.0	-19.0	0.0	1.0	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls01	492.31	0.0	-16.0	0.0	1.0	0.0	3.0
B419	841	GEO_Eqn_6.12b_nls01	984.62	0.0	-13.0	0.0	1.0	0.0	10.0
B419	841	GEO_Eqn_6.12b_nls01	1476.92	0.0	-10.0	0.0	1.0	0.0	16.0
B419	841	GEO_Eqn_6.12b_nls01	1969.23	0.0	-7.0	0.0	1.0	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls01	2461.54	0.0	-4.0	0.0	1.0	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls01	2953.85	0.0	-1.0	0.0	1.0	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls01	3446.15	0.0	2.0	0.0	1.0	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls01	3938.46	0.0	5.0	0.0	1.0	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls01	4430.77	0.0	8.0	0.0	1.0	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls01	4923.08	0.0	11.0	0.0	1.0	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls01	5415.38	0.0	14.0	0.0	1.0	0.0	7.0
B419	841	GEO_Eqn_6.12b_nls01	5907.69	0.0	18.0	0.0	1.0	0.0	-1.0
B419	841	GEO_Eqn_6.12b_nls01	6400	0.0	21.0	0.0	1.0	0.0	-10.0
B419	841	GEO_Eqn_6.12b_nls02	0	0.0	-21.0	0.0	1.0	0.0	-11.0
B419	841	GEO_Eqn_6.12b_nls02	492.31	0.0	-18.0	0.0	1.0	0.0	-2.0
B419	841	GEO_Eqn_6.12b_nls02	984.62	0.0	-14.0	0.0	1.0	0.0	6.0
B419	841	GEO_Eqn_6.12b_nls02	1476.92	0.0	-11.0	0.0	1.0	0.0	12.0
B419	841	GEO_Eqn_6.12b_nls02	1969.23	0.0	-8.0	0.0	1.0	0.0	17.0
B419	841	GEO_Eqn_6.12b_nls02	2461.54	0.0	-5.0	0.0	1.0	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls02	2953.85	0.0	-2.0	0.0	1.0	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls02	3446.15	0.0	1.0	0.0	1.0	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls02	3938.46	0.0	4.0	0.0	1.0	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls02	4430.77	0.0	7.0	0.0	1.0	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls02	4923.08	0.0	10.0	0.0	1.0	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls02	5415.38	0.0	13.0	0.0	1.0	0.0	9.0
B419	841	GEO_Eqn_6.12b_nls02	5907.69	0.0	16.0	0.0	1.0	0.0	1.0
B419	841	GEO_Eqn_6.12b_nls02	6400	0.0	19.0	0.0	1.0	0.0	-7.0
B419	841	GEO_Eqn_6.12b_nls03	0	0.0	-19.0	0.0	0.2	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls03	492.31	0.0	-16.0	0.0	0.2	0.0	3.0
B419	841	GEO_Eqn_6.12b_nls03	984.62	0.0	-13.0	0.0	0.2	0.0	10.0
B419	841	GEO_Eqn_6.12b_nls03	1476.92	0.0	-10.0	0.0	0.2	0.0	16.0
B419	841	GEO_Eqn_6.12b_nls03	1969.23	0.0	-7.0	0.0	0.2	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls03	2461.54	0.0	-4.0	0.0	0.2	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls03	2953.85	0.0	-1.0	0.0	0.2	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls03	3446.15	0.0	2.0	0.0	0.2	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls03	3938.46	0.0	5.0	0.0	0.2	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls03	4430.77	0.0	8.0	0.0	0.2	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls03	4923.08	0.0	11.0	0.0	0.2	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls03	5415.38	0.0	14.0	0.0	0.2	0.0	7.0
B419	841	GEO_Eqn_6.12b_nls03	5907.69	0.0	18.0	0.0	0.2	0.0	-0.5
B419	841	GEO_Eqn_6.12b_nls03	6400	0.0	21.0	0.0	0.2	0.0	-10.0
B419	841	GEO_Eqn_6.12b_nls04	0	0.0	-22.0	0.0	0.2	0.0	-16.0
B419	841	GEO_Eqn_6.12b_nls04	492.31	0.0	-19.0	0.0	0.2	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls04	984.62	0.0	-16.0	0.0	0.2	0.0	2.0
B419	841	GEO_Eqn_6.12b_nls04	1476.92	0.0	-13.0	0.0	0.2	0.0	9.0
B419	841	GEO_Eqn_6.12b_nls04	1969.23	0.0	-10.0	0.0	0.2	0.0	15.0
B419	841	GEO_Eqn_6.12b_nls04	2461.54	0.0	-7.0	0.0	0.2	0.0	19.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B419	841	GEO_Eqn_6.12b_nls04	2953.85	0.0	-3.0	0.0	0.2	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls04	3446.15	0.0	-0.4	0.0	0.2	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls04	3938.46	0.0	3.0	0.0	0.2	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls04	4430.77	0.0	6.0	0.0	0.2	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls04	4923.08	0.0	9.0	0.0	0.2	0.0	16.0
B419	841	GEO_Eqn_6.12b_nls04	5415.38	0.0	12.0	0.0	0.2	0.0	10.0
B419	841	GEO_Eqn_6.12b_nls04	5907.69	0.0	15.0	0.0	0.2	0.0	4.0
B419	841	GEO_Eqn_6.12b_nls04	6400	0.0	18.0	0.0	0.2	0.0	-4.0
B419	841	GEO_Eqn_6.12b_nls05	0	0.0	-19.0	0.0	1.0	0.0	-5.0
B419	841	GEO_Eqn_6.12b_nls05	492.31	0.0	-16.0	0.0	1.0	0.0	4.0
B419	841	GEO_Eqn_6.12b_nls05	984.62	0.0	-13.0	0.0	1.0	0.0	11.0
B419	841	GEO_Eqn_6.12b_nls05	1476.92	0.0	-10.0	0.0	1.0	0.0	16.0
B419	841	GEO_Eqn_6.12b_nls05	1969.23	0.0	-7.0	0.0	1.0	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls05	2461.54	0.0	-4.0	0.0	1.0	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls05	2953.85	0.0	-1.0	0.0	1.0	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls05	3446.15	0.0	2.0	0.0	1.0	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls05	3938.46	0.0	5.0	0.0	1.0	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls05	4430.77	0.0	9.0	0.0	1.0	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls05	4923.08	0.0	12.0	0.0	1.0	0.0	13.0
B419	841	GEO_Eqn_6.12b_nls05	5415.38	0.0	15.0	0.0	1.0	0.0	7.0
B419	841	GEO_Eqn_6.12b_nls05	5907.69	0.0	18.0	0.0	1.0	0.0	-1.0
B419	841	GEO_Eqn_6.12b_nls05	6400	0.0	21.0	0.0	1.0	0.0	-11.0
B419	841	GEO_Eqn_6.12b_nls06	0	0.0	-22.0	0.0	1.0	0.0	-15.0
B419	841	GEO_Eqn_6.12b_nls06	492.31	0.0	-19.0	0.0	1.0	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls06	984.62	0.0	-15.0	0.0	1.0	0.0	3.0
B419	841	GEO_Eqn_6.12b_nls06	1476.92	0.0	-12.0	0.0	1.0	0.0	10.0
B419	841	GEO_Eqn_6.12b_nls06	1969.23	0.0	-9.0	0.0	1.0	0.0	15.0
B419	841	GEO_Eqn_6.12b_nls06	2461.54	0.0	-6.0	0.0	1.0	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls06	2953.85	0.0	-3.0	0.0	1.0	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls06	3446.15	0.0	-0.1	0.0	1.0	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls06	3938.46	0.0	3.0	0.0	1.0	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls06	4430.77	0.0	6.0	0.0	1.0	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls06	4923.08	0.0	9.0	0.0	1.0	0.0	15.0
B419	841	GEO_Eqn_6.12b_nls06	5415.38	0.0	12.0	0.0	1.0	0.0	10.0
B419	841	GEO_Eqn_6.12b_nls06	5907.69	0.0	15.0	0.0	1.0	0.0	3.0
B419	841	GEO_Eqn_6.12b_nls06	6400	0.0	18.0	0.0	1.0	0.0	-5.0
B419	841	GEO_Eqn_6.12b_nls07	0	0.0	-20.0	0.0	0.4	0.0	-7.0
B419	841	GEO_Eqn_6.12b_nls07	492.31	0.0	-17.0	0.0	0.4	0.0	2.0
B419	841	GEO_Eqn_6.12b_nls07	984.62	0.0	-14.0	0.0	0.4	0.0	9.0
B419	841	GEO_Eqn_6.12b_nls07	1476.92	0.0	-10.0	0.0	0.4	0.0	15.0
B419	841	GEO_Eqn_6.12b_nls07	1969.23	0.0	-7.0	0.0	0.4	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls07	2461.54	0.0	-4.0	0.0	0.4	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls07	2953.85	0.0	-1.0	0.0	0.4	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls07	3446.15	0.0	2.0	0.0	0.4	0.0	24.0
B419	841	GEO_Eqn_6.12b_nls07	3938.46	0.0	5.0	0.0	0.4	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls07	4430.77	0.0	8.0	0.0	0.4	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls07	4923.08	0.0	11.0	0.0	0.4	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls07	5415.38	0.0	14.0	0.0	0.4	0.0	8.0
B419	841	GEO_Eqn_6.12b_nls07	5907.69	0.0	17.0	0.0	0.4	0.0	0.2
B419	841	GEO_Eqn_6.12b_nls07	6400	0.0	20.0	0.0	0.4	0.0	-9.0
B419	841	GEO_Eqn_6.12b_nls08	0	0.0	-22.0	0.0	0.4	0.0	-18.0
B419	841	GEO_Eqn_6.12b_nls08	492.31	0.0	-19.0	0.0	0.4	0.0	-8.0
B419	841	GEO_Eqn_6.12b_nls08	984.62	0.0	-16.0	0.0	0.4	0.0	1.0
B419	841	GEO_Eqn_6.12b_nls08	1476.92	0.0	-13.0	0.0	0.4	0.0	8.0
B419	841	GEO_Eqn_6.12b_nls08	1969.23	0.0	-10.0	0.0	0.4	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls08	2461.54	0.0	-7.0	0.0	0.4	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B419	841	GEO_Eqn_6.12b_nls08	2953.85	0.0	-4.0	0.0	0.4	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls08	3446.15	0.0	-1.0	0.0	0.4	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls08	3938.46	0.0	2.0	0.0	0.4	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls08	4430.77	0.0	5.0	0.0	0.4	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls08	4923.08	0.0	9.0	0.0	0.4	0.0	16.0
B419	841	GEO_Eqn_6.12b_nls08	5415.38	0.0	12.0	0.0	0.4	0.0	11.0
B419	841	GEO_Eqn_6.12b_nls08	5907.69	0.0	15.0	0.0	0.4	0.0	4.0
B419	841	GEO_Eqn_6.12b_nls08	6400	0.0	18.0	0.0	0.4	0.0	-3.0
B419	841	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	0.2	0.0	8.0
B419	841	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	0.2	0.0	15.0
B419	841	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	0.2	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	0.2	0.0	25.0
B419	841	GEO_Eqn_6.12b_nls09	1969.23	0.0	-4.0	0.0	0.2	0.0	27.0
B419	841	GEO_Eqn_6.12b_nls09	2461.54	0.0	-1.0	0.0	0.2	0.0	28.0
B419	841	GEO_Eqn_6.12b_nls09	2953.85	0.0	2.0	0.0	0.2	0.0	28.0
B419	841	GEO_Eqn_6.12b_nls09	3446.15	0.0	5.0	0.0	0.2	0.0	26.0
B419	841	GEO_Eqn_6.12b_nls09	3938.46	0.0	9.0	0.0	0.2	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls09	4430.77	0.0	12.0	0.0	0.2	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls09	4923.08	0.0	15.0	0.0	0.2	0.0	11.0
B419	841	GEO_Eqn_6.12b_nls09	5415.38	0.0	18.0	0.0	0.2	0.0	3.0
B419	841	GEO_Eqn_6.12b_nls09	5907.69	0.0	21.0	0.0	0.2	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	0.2	0.0	-17.0
B419	841	GEO_Eqn_6.12b_nls10	0	0.0	-16.0	0.0	-0.1	0.0	8.0
B419	841	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	-0.1	0.0	15.0
B419	841	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	-0.1	0.0	21.0
B419	841	GEO_Eqn_6.12b_nls10	1476.92	0.0	-7.0	0.0	-0.1	0.0	25.0
B419	841	GEO_Eqn_6.12b_nls10	1969.23	0.0	-4.0	0.0	-0.1	0.0	28.0
B419	841	GEO_Eqn_6.12b_nls10	2461.54	0.0	-1.0	0.0	-0.1	0.0	29.0
B419	841	GEO_Eqn_6.12b_nls10	2953.85	0.0	2.0	0.0	-0.1	0.0	28.0
B419	841	GEO_Eqn_6.12b_nls10	3446.15	0.0	6.0	0.0	-0.1	0.0	26.0
B419	841	GEO_Eqn_6.12b_nls10	3938.46	0.0	9.0	0.0	-0.1	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls10	4430.77	0.0	12.0	0.0	-0.1	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls10	4923.08	0.0	15.0	0.0	-0.1	0.0	11.0
B419	841	GEO_Eqn_6.12b_nls10	5415.38	0.0	18.0	0.0	-0.1	0.0	3.0
B419	841	GEO_Eqn_6.12b_nls10	5907.69	0.0	21.0	0.0	-0.1	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls10	6400	0.0	24.0	0.0	-0.1	0.0	-18.0
B419	841	GEO_Eqn_6.12b_nls11	0	0.0	-25.0	0.0	0.2	0.0	-29.0
B419	841	GEO_Eqn_6.12b_nls11	492.31	0.0	-22.0	0.0	0.2	0.0	-18.0
B419	841	GEO_Eqn_6.12b_nls11	984.62	0.0	-19.0	0.0	0.2	0.0	-8.0
B419	841	GEO_Eqn_6.12b_nls11	1476.92	0.0	-16.0	0.0	0.2	0.0	1.0
B419	841	GEO_Eqn_6.12b_nls11	1969.23	0.0	-13.0	0.0	0.2	0.0	8.0
B419	841	GEO_Eqn_6.12b_nls11	2461.54	0.0	-9.0	0.0	0.2	0.0	13.0
B419	841	GEO_Eqn_6.12b_nls11	2953.85	0.0	-6.0	0.0	0.2	0.0	17.0
B419	841	GEO_Eqn_6.12b_nls11	3446.15	0.0	-3.0	0.0	0.2	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls11	3938.46	0.0	-0.2	0.0	0.2	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls11	4430.77	0.0	3.0	0.0	0.2	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls11	4923.08	0.0	6.0	0.0	0.2	0.0	17.0
B419	841	GEO_Eqn_6.12b_nls11	5415.38	0.0	9.0	0.0	0.2	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls11	5907.69	0.0	12.0	0.0	0.2	0.0	9.0
B419	841	GEO_Eqn_6.12b_nls11	6400	0.0	15.0	0.0	0.2	0.0	2.0
B419	841	GEO_Eqn_6.12b_nls12	0	0.0	-25.0	0.0	0.1	0.0	-30.0
B419	841	GEO_Eqn_6.12b_nls12	492.31	0.0	-22.0	0.0	0.1	0.0	-18.0
B419	841	GEO_Eqn_6.12b_nls12	984.62	0.0	-19.0	0.0	0.1	0.0	-8.0
B419	841	GEO_Eqn_6.12b_nls12	1476.92	0.0	-16.0	0.0	0.1	0.0	0.4
B419	841	GEO_Eqn_6.12b_nls12	1969.23	0.0	-13.0	0.0	0.1	0.0	7.0
B419	841	GEO_Eqn_6.12b_nls12	2461.54	0.0	-10.0	0.0	0.1	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B419	841	GEO_Eqn_6.12b_nls12	2953.85	0.0	-7.0	0.0	0.1	0.0	17.0
B419	841	GEO_Eqn_6.12b_nls12	3446.15	0.0	-3.0	0.0	0.1	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls12	3938.46	0.0	-0.4	0.0	0.1	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls12	4430.77	0.0	3.0	0.0	0.1	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls12	4923.08	0.0	6.0	0.0	0.1	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls12	5415.38	0.0	9.0	0.0	0.1	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls12	5907.69	0.0	12.0	0.0	0.1	0.0	9.0
B419	841	GEO_Eqn_6.12b_nls12	6400	0.0	15.0	0.0	0.1	0.0	2.0
B419	841	GEO_Eqn_6.12b_nls13	0	0.0	-17.0	0.0	-0.1	0.0	5.0
B419	841	GEO_Eqn_6.12b_nls13	492.31	0.0	-14.0	0.0	-0.1	0.0	12.0
B419	841	GEO_Eqn_6.12b_nls13	984.62	0.0	-11.0	0.0	-0.1	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls13	1476.92	0.0	-8.0	0.0	-0.1	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls13	1969.23	0.0	-4.0	0.0	-0.1	0.0	26.0
B419	841	GEO_Eqn_6.12b_nls13	2461.54	0.0	-1.0	0.0	-0.1	0.0	27.0
B419	841	GEO_Eqn_6.12b_nls13	2953.85	0.0	2.0	0.0	-0.1	0.0	27.0
B419	841	GEO_Eqn_6.12b_nls13	3446.15	0.0	5.0	0.0	-0.1	0.0	26.0
B419	841	GEO_Eqn_6.12b_nls13	3938.46	0.0	8.0	0.0	-0.1	0.0	22.0
B419	841	GEO_Eqn_6.12b_nls13	4430.77	0.0	11.0	0.0	-0.1	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls13	4923.08	0.0	14.0	0.0	-0.1	0.0	12.0
B419	841	GEO_Eqn_6.12b_nls13	5415.38	0.0	17.0	0.0	-0.1	0.0	4.0
B419	841	GEO_Eqn_6.12b_nls13	5907.69	0.0	20.0	0.0	-0.1	0.0	-5.0
B419	841	GEO_Eqn_6.12b_nls13	6400	0.0	23.0	0.0	-0.1	0.0	-16.0
B419	841	GEO_Eqn_6.12b_nls14	0	0.0	-17.0	0.0	0.2	0.0	5.0
B419	841	GEO_Eqn_6.12b_nls14	492.31	0.0	-14.0	0.0	0.2	0.0	12.0
B419	841	GEO_Eqn_6.12b_nls14	984.62	0.0	-11.0	0.0	0.2	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls14	1476.92	0.0	-8.0	0.0	0.2	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls14	1969.23	0.0	-5.0	0.0	0.2	0.0	26.0
B419	841	GEO_Eqn_6.12b_nls14	2461.54	0.0	-1.0	0.0	0.2	0.0	27.0
B419	841	GEO_Eqn_6.12b_nls14	2953.85	0.0	2.0	0.0	0.2	0.0	27.0
B419	841	GEO_Eqn_6.12b_nls14	3446.15	0.0	5.0	0.0	0.2	0.0	26.0
B419	841	GEO_Eqn_6.12b_nls14	3938.46	0.0	8.0	0.0	0.2	0.0	23.0
B419	841	GEO_Eqn_6.12b_nls14	4430.77	0.0	11.0	0.0	0.2	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls14	4923.08	0.0	14.0	0.0	0.2	0.0	12.0
B419	841	GEO_Eqn_6.12b_nls14	5415.38	0.0	17.0	0.0	0.2	0.0	4.0
B419	841	GEO_Eqn_6.12b_nls14	5907.69	0.0	20.0	0.0	0.2	0.0	-5.0
B419	841	GEO_Eqn_6.12b_nls14	6400	0.0	23.0	0.0	0.2	0.0	-15.0
B419	841	GEO_Eqn_6.12b_nls15	0	0.0	-24.0	0.0	1.0	0.0	-27.0
B419	841	GEO_Eqn_6.12b_nls15	492.31	0.0	-21.0	0.0	1.0	0.0	-16.0
B419	841	GEO_Eqn_6.12b_nls15	984.62	0.0	-18.0	0.0	1.0	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls15	1476.92	0.0	-15.0	0.0	1.0	0.0	2.0
B419	841	GEO_Eqn_6.12b_nls15	1969.23	0.0	-12.0	0.0	1.0	0.0	9.0
B419	841	GEO_Eqn_6.12b_nls15	2461.54	0.0	-9.0	0.0	1.0	0.0	14.0
B419	841	GEO_Eqn_6.12b_nls15	2953.85	0.0	-6.0	0.0	1.0	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls15	3446.15	0.0	-3.0	0.0	1.0	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls15	3938.46	0.0	0.3	0.0	1.0	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls15	4430.77	0.0	3.0	0.0	1.0	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls15	4923.08	0.0	6.0	0.0	1.0	0.0	17.0
B419	841	GEO_Eqn_6.12b_nls15	5415.38	0.0	10.0	0.0	1.0	0.0	13.0
B419	841	GEO_Eqn_6.12b_nls15	5907.69	0.0	13.0	0.0	1.0	0.0	8.0
B419	841	GEO_Eqn_6.12b_nls15	6400	0.0	16.0	0.0	1.0	0.0	1.0
B419	841	GEO_Eqn_6.12b_nls16	0	0.0	-24.0	0.0	-0.1	0.0	-27.0
B419	841	GEO_Eqn_6.12b_nls16	492.31	0.0	-21.0	0.0	-0.1	0.0	-16.0
B419	841	GEO_Eqn_6.12b_nls16	984.62	0.0	-18.0	0.0	-0.1	0.0	-6.0
B419	841	GEO_Eqn_6.12b_nls16	1476.92	0.0	-15.0	0.0	-0.1	0.0	2.0
B419	841	GEO_Eqn_6.12b_nls16	1969.23	0.0	-12.0	0.0	-0.1	0.0	9.0
B419	841	GEO_Eqn_6.12b_nls16	2461.54	0.0	-9.0	0.0	-0.1	0.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B419	841	GEO_Eqn_6.12b_nls16	2953.85	0.0	-6.0	0.0	-0.1	0.0	18.0
B419	841	GEO_Eqn_6.12b_nls16	3446.15	0.0	-3.0	0.0	-0.1	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls16	3938.46	0.0	0.2	0.0	-0.1	0.0	20.0
B419	841	GEO_Eqn_6.12b_nls16	4430.77	0.0	3.0	0.0	-0.1	0.0	19.0
B419	841	GEO_Eqn_6.12b_nls16	4923.08	0.0	6.0	0.0	-0.1	0.0	17.0
B419	841	GEO_Eqn_6.12b_nls16	5415.38	0.0	9.0	0.0	-0.1	0.0	13.0
B419	841	GEO_Eqn_6.12b_nls16	5907.69	0.0	13.0	0.0	-0.1	0.0	8.0
B419	841	GEO_Eqn_6.12b_nls16	6400	0.0	16.0	0.0	-0.1	0.0	1.0
B420	843	GEO_Eqn_6.12b_nls01	0	0.0	-19.0	0.0	1.0	0.0	-7.0
B420	843	GEO_Eqn_6.12b_nls01	492.31	0.0	-16.0	0.0	1.0	0.0	1.0
B420	843	GEO_Eqn_6.12b_nls01	984.62	0.0	-13.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls01	1476.92	0.0	-10.0	0.0	1.0	0.0	14.0
B420	843	GEO_Eqn_6.12b_nls01	1969.23	0.0	-7.0	0.0	1.0	0.0	18.0
B420	843	GEO_Eqn_6.12b_nls01	2461.54	0.0	-4.0	0.0	1.0	0.0	21.0
B420	843	GEO_Eqn_6.12b_nls01	2953.85	0.0	-1.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls01	3446.15	0.0	2.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls01	3938.46	0.0	5.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls01	4430.77	0.0	9.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls01	4923.08	0.0	12.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls01	5415.38	0.0	15.0	0.0	1.0	0.0	5.0
B420	843	GEO_Eqn_6.12b_nls01	5907.69	0.0	18.0	0.0	1.0	0.0	-3.0
B420	843	GEO_Eqn_6.12b_nls01	6400	0.0	21.0	0.0	1.0	0.0	-13.0
B420	843	GEO_Eqn_6.12b_nls02	0	0.0	-20.0	0.0	1.0	0.0	-12.0
B420	843	GEO_Eqn_6.12b_nls02	492.31	0.0	-17.0	0.0	1.0	0.0	-3.0
B420	843	GEO_Eqn_6.12b_nls02	984.62	0.0	-14.0	0.0	1.0	0.0	5.0
B420	843	GEO_Eqn_6.12b_nls02	1476.92	0.0	-11.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls02	1969.23	0.0	-8.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls02	2461.54	0.0	-5.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls02	2953.85	0.0	-2.0	0.0	1.0	0.0	21.0
B420	843	GEO_Eqn_6.12b_nls02	3446.15	0.0	1.0	0.0	1.0	0.0	21.0
B420	843	GEO_Eqn_6.12b_nls02	3938.46	0.0	4.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls02	4430.77	0.0	7.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls02	4923.08	0.0	10.0	0.0	1.0	0.0	12.0
B420	843	GEO_Eqn_6.12b_nls02	5415.38	0.0	14.0	0.0	1.0	0.0	6.0
B420	843	GEO_Eqn_6.12b_nls02	5907.69	0.0	17.0	0.0	1.0	0.0	-1.0
B420	843	GEO_Eqn_6.12b_nls02	6400	0.0	20.0	0.0	1.0	0.0	-10.0
B420	843	GEO_Eqn_6.12b_nls03	0	0.0	-18.0	0.0	1.0	0.0	-3.0
B420	843	GEO_Eqn_6.12b_nls03	492.31	0.0	-15.0	0.0	1.0	0.0	5.0
B420	843	GEO_Eqn_6.12b_nls03	984.62	0.0	-12.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls03	1476.92	0.0	-9.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls03	1969.23	0.0	-6.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls03	2461.54	0.0	-3.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls03	2953.85	0.0	0.3	0.0	1.0	0.0	23.0
B420	843	GEO_Eqn_6.12b_nls03	3446.15	0.0	3.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls03	3938.46	0.0	6.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls03	4430.77	0.0	9.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls03	4923.08	0.0	13.0	0.0	1.0	0.0	10.0
B420	843	GEO_Eqn_6.12b_nls03	5415.38	0.0	16.0	0.0	1.0	0.0	3.0
B420	843	GEO_Eqn_6.12b_nls03	5907.69	0.0	19.0	0.0	1.0	0.0	-5.0
B420	843	GEO_Eqn_6.12b_nls03	6400	0.0	22.0	0.0	1.0	0.0	-15.0
B420	843	GEO_Eqn_6.12b_nls04	0	0.0	-20.0	0.0	1.0	0.0	-13.0
B420	843	GEO_Eqn_6.12b_nls04	492.31	0.0	-17.0	0.0	1.0	0.0	-4.0
B420	843	GEO_Eqn_6.12b_nls04	984.62	0.0	-14.0	0.0	1.0	0.0	4.0
B420	843	GEO_Eqn_6.12b_nls04	1476.92	0.0	-11.0	0.0	1.0	0.0	10.0
B420	843	GEO_Eqn_6.12b_nls04	1969.23	0.0	-8.0	0.0	1.0	0.0	15.0
B420	843	GEO_Eqn_6.12b_nls04	2461.54	0.0	-5.0	0.0	1.0	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B420	843	GEO_Eqn_6.12b_nls04	2953.85	0.0	-2.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls04	3446.15	0.0	1.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls04	3938.46	0.0	4.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls04	4430.77	0.0	7.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls04	4923.08	0.0	10.0	0.0	1.0	0.0	12.0
B420	843	GEO_Eqn_6.12b_nls04	5415.38	0.0	13.0	0.0	1.0	0.0	6.0
B420	843	GEO_Eqn_6.12b_nls04	5907.69	0.0	16.0	0.0	1.0	0.0	-1.0
B420	843	GEO_Eqn_6.12b_nls04	6400	0.0	20.0	0.0	1.0	0.0	-10.0
B420	843	GEO_Eqn_6.12b_nls05	0	0.0	-19.0	0.0	1.0	0.0	-6.0
B420	843	GEO_Eqn_6.12b_nls05	492.31	0.0	-16.0	0.0	1.0	0.0	2.0
B420	843	GEO_Eqn_6.12b_nls05	984.62	0.0	-13.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls05	1476.92	0.0	-10.0	0.0	1.0	0.0	15.0
B420	843	GEO_Eqn_6.12b_nls05	1969.23	0.0	-7.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls05	2461.54	0.0	-4.0	0.0	1.0	0.0	21.0
B420	843	GEO_Eqn_6.12b_nls05	2953.85	0.0	-0.5	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls05	3446.15	0.0	3.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls05	3938.46	0.0	6.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls05	4430.77	0.0	9.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls05	4923.08	0.0	12.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls05	5415.38	0.0	15.0	0.0	1.0	0.0	5.0
B420	843	GEO_Eqn_6.12b_nls05	5907.69	0.0	18.0	0.0	1.0	0.0	-3.0
B420	843	GEO_Eqn_6.12b_nls05	6400	0.0	21.0	0.0	1.0	0.0	-13.0
B420	843	GEO_Eqn_6.12b_nls06	0	0.0	-21.0	0.0	1.0	0.0	-16.0
B420	843	GEO_Eqn_6.12b_nls06	492.31	0.0	-18.0	0.0	1.0	0.0	-6.0
B420	843	GEO_Eqn_6.12b_nls06	984.62	0.0	-15.0	0.0	1.0	0.0	2.0
B420	843	GEO_Eqn_6.12b_nls06	1476.92	0.0	-12.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls06	1969.23	0.0	-9.0	0.0	1.0	0.0	14.0
B420	843	GEO_Eqn_6.12b_nls06	2461.54	0.0	-6.0	0.0	1.0	0.0	18.0
B420	843	GEO_Eqn_6.12b_nls06	2953.85	0.0	-3.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls06	3446.15	0.0	0.4	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls06	3938.46	0.0	3.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls06	4430.77	0.0	7.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls06	4923.08	0.0	10.0	0.0	1.0	0.0	13.0
B420	843	GEO_Eqn_6.12b_nls06	5415.38	0.0	13.0	0.0	1.0	0.0	7.0
B420	843	GEO_Eqn_6.12b_nls06	5907.69	0.0	16.0	0.0	1.0	0.0	0.3
B420	843	GEO_Eqn_6.12b_nls06	6400	0.0	19.0	0.0	1.0	0.0	-8.0
B420	843	GEO_Eqn_6.12b_nls07	0	0.0	-18.0	0.0	1.0	0.0	-5.0
B420	843	GEO_Eqn_6.12b_nls07	492.31	0.0	-15.0	0.0	1.0	0.0	4.0
B420	843	GEO_Eqn_6.12b_nls07	984.62	0.0	-12.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls07	1476.92	0.0	-9.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls07	1969.23	0.0	-6.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls07	2461.54	0.0	-3.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls07	2953.85	0.0	0.0	0.0	1.0	0.0	23.0
B420	843	GEO_Eqn_6.12b_nls07	3446.15	0.0	3.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls07	3938.46	0.0	6.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls07	4430.77	0.0	9.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls07	4923.08	0.0	12.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls07	5415.38	0.0	15.0	0.0	1.0	0.0	4.0
B420	843	GEO_Eqn_6.12b_nls07	5907.69	0.0	18.0	0.0	1.0	0.0	-4.0
B420	843	GEO_Eqn_6.12b_nls07	6400	0.0	22.0	0.0	1.0	0.0	-14.0
B420	843	GEO_Eqn_6.12b_nls08	0	0.0	-21.0	0.0	1.0	0.0	-14.0
B420	843	GEO_Eqn_6.12b_nls08	492.31	0.0	-18.0	0.0	1.0	0.0	-5.0
B420	843	GEO_Eqn_6.12b_nls08	984.62	0.0	-15.0	0.0	1.0	0.0	3.0
B420	843	GEO_Eqn_6.12b_nls08	1476.92	0.0	-12.0	0.0	1.0	0.0	10.0
B420	843	GEO_Eqn_6.12b_nls08	1969.23	0.0	-8.0	0.0	1.0	0.0	15.0
B420	843	GEO_Eqn_6.12b_nls08	2461.54	0.0	-5.0	0.0	1.0	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B420	843	GEO_Eqn_6.12b_nls08	2953.85	0.0	-2.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls08	3446.15	0.0	1.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls08	3938.46	0.0	4.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls08	4430.77	0.0	7.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls08	4923.08	0.0	10.0	0.0	1.0	0.0	12.0
B420	843	GEO_Eqn_6.12b_nls08	5415.38	0.0	13.0	0.0	1.0	0.0	7.0
B420	843	GEO_Eqn_6.12b_nls08	5907.69	0.0	16.0	0.0	1.0	0.0	-1.0
B420	843	GEO_Eqn_6.12b_nls08	6400	0.0	19.0	0.0	1.0	0.0	-9.0
B420	843	GEO_Eqn_6.12b_nls09	0	0.0	-16.0	0.0	1.0	0.0	6.0
B420	843	GEO_Eqn_6.12b_nls09	492.31	0.0	-13.0	0.0	1.0	0.0	13.0
B420	843	GEO_Eqn_6.12b_nls09	984.62	0.0	-10.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls09	1476.92	0.0	-7.0	0.0	1.0	0.0	23.0
B420	843	GEO_Eqn_6.12b_nls09	1969.23	0.0	-4.0	0.0	1.0	0.0	25.0
B420	843	GEO_Eqn_6.12b_nls09	2461.54	0.0	-1.0	0.0	1.0	0.0	26.0
B420	843	GEO_Eqn_6.12b_nls09	2953.85	0.0	2.0	0.0	1.0	0.0	26.0
B420	843	GEO_Eqn_6.12b_nls09	3446.15	0.0	6.0	0.0	1.0	0.0	24.0
B420	843	GEO_Eqn_6.12b_nls09	3938.46	0.0	9.0	0.0	1.0	0.0	21.0
B420	843	GEO_Eqn_6.12b_nls09	4430.77	0.0	12.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls09	4923.08	0.0	15.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls09	5415.38	0.0	18.0	0.0	1.0	0.0	1.0
B420	843	GEO_Eqn_6.12b_nls09	5907.69	0.0	21.0	0.0	1.0	0.0	-9.0
B420	843	GEO_Eqn_6.12b_nls09	6400	0.0	24.0	0.0	1.0	0.0	-20.0
B420	843	GEO_Eqn_6.12b_nls10	0	0.0	-16.0	0.0	1.0	0.0	7.0
B420	843	GEO_Eqn_6.12b_nls10	492.31	0.0	-13.0	0.0	1.0	0.0	14.0
B420	843	GEO_Eqn_6.12b_nls10	984.62	0.0	-10.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls10	1476.92	0.0	-6.0	0.0	1.0	0.0	24.0
B420	843	GEO_Eqn_6.12b_nls10	1969.23	0.0	-3.0	0.0	1.0	0.0	26.0
B420	843	GEO_Eqn_6.12b_nls10	2461.54	0.0	-0.3	0.0	1.0	0.0	27.0
B420	843	GEO_Eqn_6.12b_nls10	2953.85	0.0	3.0	0.0	1.0	0.0	26.0
B420	843	GEO_Eqn_6.12b_nls10	3446.15	0.0	6.0	0.0	1.0	0.0	24.0
B420	843	GEO_Eqn_6.12b_nls10	3938.46	0.0	9.0	0.0	1.0	0.0	21.0
B420	843	GEO_Eqn_6.12b_nls10	4430.77	0.0	12.0	0.0	1.0	0.0	15.0
B420	843	GEO_Eqn_6.12b_nls10	4923.08	0.0	15.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls10	5415.38	0.0	18.0	0.0	1.0	0.0	1.0
B420	843	GEO_Eqn_6.12b_nls10	5907.69	0.0	21.0	0.0	1.0	0.0	-9.0
B420	843	GEO_Eqn_6.12b_nls10	6400	0.0	24.0	0.0	1.0	0.0	-20.0
B420	843	GEO_Eqn_6.12b_nls11	0	0.0	-24.0	0.0	1.0	0.0	-27.0
B420	843	GEO_Eqn_6.12b_nls11	492.31	0.0	-21.0	0.0	1.0	0.0	-16.0
B420	843	GEO_Eqn_6.12b_nls11	984.62	0.0	-18.0	0.0	1.0	0.0	-7.0
B420	843	GEO_Eqn_6.12b_nls11	1476.92	0.0	-15.0	0.0	1.0	0.0	1.0
B420	843	GEO_Eqn_6.12b_nls11	1969.23	0.0	-12.0	0.0	1.0	0.0	8.0
B420	843	GEO_Eqn_6.12b_nls11	2461.54	0.0	-9.0	0.0	1.0	0.0	13.0
B420	843	GEO_Eqn_6.12b_nls11	2953.85	0.0	-5.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls11	3446.15	0.0	-2.0	0.0	1.0	0.0	18.0
B420	843	GEO_Eqn_6.12b_nls11	3938.46	0.0	1.0	0.0	1.0	0.0	18.0
B420	843	GEO_Eqn_6.12b_nls11	4430.77	0.0	4.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls11	4923.08	0.0	7.0	0.0	1.0	0.0	15.0
B420	843	GEO_Eqn_6.12b_nls11	5415.38	0.0	10.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls11	5907.69	0.0	13.0	0.0	1.0	0.0	5.0
B420	843	GEO_Eqn_6.12b_nls11	6400	0.0	16.0	0.0	1.0	0.0	-2.0
B420	843	GEO_Eqn_6.12b_nls12	0	0.0	-24.0	0.0	1.0	0.0	-27.0
B420	843	GEO_Eqn_6.12b_nls12	492.31	0.0	-21.0	0.0	1.0	0.0	-16.0
B420	843	GEO_Eqn_6.12b_nls12	984.62	0.0	-18.0	0.0	1.0	0.0	-6.0
B420	843	GEO_Eqn_6.12b_nls12	1476.92	0.0	-15.0	0.0	1.0	0.0	2.0
B420	843	GEO_Eqn_6.12b_nls12	1969.23	0.0	-11.0	0.0	1.0	0.0	8.0
B420	843	GEO_Eqn_6.12b_nls12	2461.54	0.0	-8.0	0.0	1.0	0.0	13.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B420	843	GEO_Eqn_6.12b_nls12	2953.85	0.0	-5.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls12	3446.15	0.0	-2.0	0.0	1.0	0.0	18.0
B420	843	GEO_Eqn_6.12b_nls12	3938.46	0.0	1.0	0.0	1.0	0.0	18.0
B420	843	GEO_Eqn_6.12b_nls12	4430.77	0.0	4.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls12	4923.08	0.0	7.0	0.0	1.0	0.0	15.0
B420	843	GEO_Eqn_6.12b_nls12	5415.38	0.0	10.0	0.0	1.0	0.0	10.0
B420	843	GEO_Eqn_6.12b_nls12	5907.69	0.0	13.0	0.0	1.0	0.0	5.0
B420	843	GEO_Eqn_6.12b_nls12	6400	0.0	16.0	0.0	1.0	0.0	-3.0
B420	843	GEO_Eqn_6.12b_nls13	0	0.0	-17.0	0.0	1.0	0.0	3.0
B420	843	GEO_Eqn_6.12b_nls13	492.31	0.0	-14.0	0.0	1.0	0.0	11.0
B420	843	GEO_Eqn_6.12b_nls13	984.62	0.0	-11.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls13	1476.92	0.0	-7.0	0.0	1.0	0.0	21.0
B420	843	GEO_Eqn_6.12b_nls13	1969.23	0.0	-4.0	0.0	1.0	0.0	24.0
B420	843	GEO_Eqn_6.12b_nls13	2461.54	0.0	-1.0	0.0	1.0	0.0	25.0
B420	843	GEO_Eqn_6.12b_nls13	2953.85	0.0	2.0	0.0	1.0	0.0	25.0
B420	843	GEO_Eqn_6.12b_nls13	3446.15	0.0	5.0	0.0	1.0	0.0	24.0
B420	843	GEO_Eqn_6.12b_nls13	3938.46	0.0	8.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls13	4430.77	0.0	11.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls13	4923.08	0.0	14.0	0.0	1.0	0.0	10.0
B420	843	GEO_Eqn_6.12b_nls13	5415.38	0.0	17.0	0.0	1.0	0.0	2.0
B420	843	GEO_Eqn_6.12b_nls13	5907.69	0.0	20.0	0.0	1.0	0.0	-7.0
B420	843	GEO_Eqn_6.12b_nls13	6400	0.0	23.0	0.0	1.0	0.0	-18.0
B420	843	GEO_Eqn_6.12b_nls14	0	0.0	-16.0	0.0	1.0	0.0	4.0
B420	843	GEO_Eqn_6.12b_nls14	492.31	0.0	-13.0	0.0	1.0	0.0	12.0
B420	843	GEO_Eqn_6.12b_nls14	984.62	0.0	-10.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls14	1476.92	0.0	-7.0	0.0	1.0	0.0	22.0
B420	843	GEO_Eqn_6.12b_nls14	1969.23	0.0	-4.0	0.0	1.0	0.0	24.0
B420	843	GEO_Eqn_6.12b_nls14	2461.54	0.0	-1.0	0.0	1.0	0.0	26.0
B420	843	GEO_Eqn_6.12b_nls14	2953.85	0.0	2.0	0.0	1.0	0.0	25.0
B420	843	GEO_Eqn_6.12b_nls14	3446.15	0.0	5.0	0.0	1.0	0.0	24.0
B420	843	GEO_Eqn_6.12b_nls14	3938.46	0.0	8.0	0.0	1.0	0.0	20.0
B420	843	GEO_Eqn_6.12b_nls14	4430.77	0.0	11.0	0.0	1.0	0.0	16.0
B420	843	GEO_Eqn_6.12b_nls14	4923.08	0.0	14.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls14	5415.38	0.0	17.0	0.0	1.0	0.0	1.0
B420	843	GEO_Eqn_6.12b_nls14	5907.69	0.0	21.0	0.0	1.0	0.0	-8.0
B420	843	GEO_Eqn_6.12b_nls14	6400	0.0	24.0	0.0	1.0	0.0	-19.0
B420	843	GEO_Eqn_6.12b_nls15	0	0.0	-23.0	0.0	1.0	0.0	-25.0
B420	843	GEO_Eqn_6.12b_nls15	492.31	0.0	-20.0	0.0	1.0	0.0	-14.0
B420	843	GEO_Eqn_6.12b_nls15	984.62	0.0	-17.0	0.0	1.0	0.0	-5.0
B420	843	GEO_Eqn_6.12b_nls15	1476.92	0.0	-14.0	0.0	1.0	0.0	3.0
B420	843	GEO_Eqn_6.12b_nls15	1969.23	0.0	-11.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls15	2461.54	0.0	-8.0	0.0	1.0	0.0	14.0
B420	843	GEO_Eqn_6.12b_nls15	2953.85	0.0	-5.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls15	3446.15	0.0	-2.0	0.0	1.0	0.0	18.0
B420	843	GEO_Eqn_6.12b_nls15	3938.46	0.0	1.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls15	4430.77	0.0	4.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls15	4923.08	0.0	7.0	0.0	1.0	0.0	14.0
B420	843	GEO_Eqn_6.12b_nls15	5415.38	0.0	11.0	0.0	1.0	0.0	10.0
B420	843	GEO_Eqn_6.12b_nls15	5907.69	0.0	14.0	0.0	1.0	0.0	4.0
B420	843	GEO_Eqn_6.12b_nls15	6400	0.0	17.0	0.0	1.0	0.0	-3.0
B420	843	GEO_Eqn_6.12b_nls16	0	0.0	-23.0	0.0	1.0	0.0	-24.0
B420	843	GEO_Eqn_6.12b_nls16	492.31	0.0	-20.0	0.0	1.0	0.0	-14.0
B420	843	GEO_Eqn_6.12b_nls16	984.62	0.0	-17.0	0.0	1.0	0.0	-4.0
B420	843	GEO_Eqn_6.12b_nls16	1476.92	0.0	-14.0	0.0	1.0	0.0	3.0
B420	843	GEO_Eqn_6.12b_nls16	1969.23	0.0	-11.0	0.0	1.0	0.0	9.0
B420	843	GEO_Eqn_6.12b_nls16	2461.54	0.0	-8.0	0.0	1.0	0.0	14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B420	843	GEO_Eqn_6.12b_nls16	2953.85	0.0	-5.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls16	3446.15	0.0	-2.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls16	3938.46	0.0	1.0	0.0	1.0	0.0	19.0
B420	843	GEO_Eqn_6.12b_nls16	4430.77	0.0	4.0	0.0	1.0	0.0	17.0
B420	843	GEO_Eqn_6.12b_nls16	4923.08	0.0	8.0	0.0	1.0	0.0	14.0
B420	843	GEO_Eqn_6.12b_nls16	5415.38	0.0	11.0	0.0	1.0	0.0	10.0
B420	843	GEO_Eqn_6.12b_nls16	5907.69	0.0	14.0	0.0	1.0	0.0	4.0
B420	843	GEO_Eqn_6.12b_nls16	6400	0.0	17.0	0.0	1.0	0.0	-4.0
B422	881	GEO_Eqn_6.12b_nls01	0	0.0	-46.0	0.0	13.0	0.0	-58.0
B422	881	GEO_Eqn_6.12b_nls01	494.78	0.0	-39.0	0.0	13.0	0.0	-37.0
B422	881	GEO_Eqn_6.12b_nls01	989.56	0.0	-33.0	0.0	13.0	0.0	-19.0
B422	881	GEO_Eqn_6.12b_nls01	1484.34	0.0	-27.0	0.0	13.0	0.0	-4.0
B422	881	GEO_Eqn_6.12b_nls01	1979.13	0.0	-20.0	0.0	13.0	0.0	7.0
B422	881	GEO_Eqn_6.12b_nls01	2473.91	0.0	-14.0	0.0	13.0	0.0	16.0
B422	881	GEO_Eqn_6.12b_nls01	2968.69	0.0	-8.0	0.0	13.0	0.0	21.0
B422	881	GEO_Eqn_6.12b_nls01	3463.47	0.0	-2.0	0.0	13.0	0.0	24.0
B422	881	GEO_Eqn_6.12b_nls01	3958.25	0.0	5.0	0.0	13.0	0.0	23.0
B422	881	GEO_Eqn_6.12b_nls01	4453.03	0.0	11.0	0.0	13.0	0.0	19.0
B422	881	GEO_Eqn_6.12b_nls01	4947.82	0.0	17.0	0.0	13.0	0.0	12.0
B422	881	GEO_Eqn_6.12b_nls01	5442.6	0.0	24.0	0.0	13.0	0.0	2.0
B422	881	GEO_Eqn_6.12b_nls01	5937.38	0.0	30.0	0.0	13.0	0.0	-12.0
B422	881	GEO_Eqn_6.12b_nls01	6432.16	0.0	36.0	0.0	13.0	0.0	-28.0
B422	881	GEO_Eqn_6.12b_nls02	0	0.0	-48.0	0.0	13.0	0.0	-63.0
B422	881	GEO_Eqn_6.12b_nls02	494.78	0.0	-41.0	0.0	13.0	0.0	-41.0
B422	881	GEO_Eqn_6.12b_nls02	989.56	0.0	-35.0	0.0	13.0	0.0	-22.0
B422	881	GEO_Eqn_6.12b_nls02	1484.34	0.0	-29.0	0.0	13.0	0.0	-6.0
B422	881	GEO_Eqn_6.12b_nls02	1979.13	0.0	-22.0	0.0	13.0	0.0	7.0
B422	881	GEO_Eqn_6.12b_nls02	2473.91	0.0	-16.0	0.0	13.0	0.0	16.0
B422	881	GEO_Eqn_6.12b_nls02	2968.69	0.0	-10.0	0.0	13.0	0.0	23.0
B422	881	GEO_Eqn_6.12b_nls02	3463.47	0.0	-4.0	0.0	13.0	0.0	26.0
B422	881	GEO_Eqn_6.12b_nls02	3958.25	0.0	3.0	0.0	13.0	0.0	26.0
B422	881	GEO_Eqn_6.12b_nls02	4453.03	0.0	9.0	0.0	13.0	0.0	23.0
B422	881	GEO_Eqn_6.12b_nls02	4947.82	0.0	15.0	0.0	13.0	0.0	17.0
B422	881	GEO_Eqn_6.12b_nls02	5442.6	0.0	22.0	0.0	13.0	0.0	8.0
B422	881	GEO_Eqn_6.12b_nls02	5937.38	0.0	28.0	0.0	13.0	0.0	-4.0
B422	881	GEO_Eqn_6.12b_nls02	6432.16	0.0	34.0	0.0	13.0	0.0	-20.0
B422	881	GEO_Eqn_6.12b_nls03	0	0.0	-42.0	0.0	-8.0	0.0	-49.0
B422	881	GEO_Eqn_6.12b_nls03	494.78	0.0	-35.0	0.0	-8.0	0.0	-30.0
B422	881	GEO_Eqn_6.12b_nls03	989.56	0.0	-29.0	0.0	-8.0	0.0	-14.0
B422	881	GEO_Eqn_6.12b_nls03	1484.34	0.0	-23.0	0.0	-8.0	0.0	-2.0
B422	881	GEO_Eqn_6.12b_nls03	1979.13	0.0	-16.0	0.0	-8.0	0.0	8.0
B422	881	GEO_Eqn_6.12b_nls03	2473.91	0.0	-10.0	0.0	-8.0	0.0	15.0
B422	881	GEO_Eqn_6.12b_nls03	2968.69	0.0	-4.0	0.0	-8.0	0.0	18.0
B422	881	GEO_Eqn_6.12b_nls03	3463.47	0.0	3.0	0.0	-8.0	0.0	18.0
B422	881	GEO_Eqn_6.12b_nls03	3958.25	0.0	9.0	0.0	-8.0	0.0	15.0
B422	881	GEO_Eqn_6.12b_nls03	4453.03	0.0	15.0	0.0	-8.0	0.0	9.0
B422	881	GEO_Eqn_6.12b_nls03	4947.82	0.0	22.0	0.0	-8.0	0.0	0.4
B422	881	GEO_Eqn_6.12b_nls03	5442.6	0.0	28.0	0.0	-8.0	0.0	-12.0
B422	881	GEO_Eqn_6.12b_nls03	5937.38	0.0	34.0	0.0	-8.0	0.0	-27.0
B422	881	GEO_Eqn_6.12b_nls03	6432.16	0.0	40.0	0.0	-8.0	0.0	-46.0
B422	881	GEO_Eqn_6.12b_nls04	0	0.0	-46.0	0.0	-7.0	0.0	-60.0
B422	881	GEO_Eqn_6.12b_nls04	494.78	0.0	-40.0	0.0	-7.0	0.0	-38.0
B422	881	GEO_Eqn_6.12b_nls04	989.56	0.0	-34.0	0.0	-7.0	0.0	-20.0
B422	881	GEO_Eqn_6.12b_nls04	1484.34	0.0	-27.0	0.0	-7.0	0.0	-5.0
B422	881	GEO_Eqn_6.12b_nls04	1979.13	0.0	-21.0	0.0	-7.0	0.0	7.0
B422	881	GEO_Eqn_6.12b_nls04	2473.91	0.0	-15.0	0.0	-7.0	0.0	16.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B422	881	GEO_Eqn_6.12b_nls04	2968.69	0.0	-8.0	0.0	-7.0	0.0	21.0
B422	881	GEO_Eqn_6.12b_nls04	3463.47	0.0	-2.0	0.0	-7.0	0.0	24.0
B422	881	GEO_Eqn_6.12b_nls04	3958.25	0.0	4.0	0.0	-7.0	0.0	24.0
B422	881	GEO_Eqn_6.12b_nls04	4453.03	0.0	11.0	0.0	-7.0	0.0	20.0
B422	881	GEO_Eqn_6.12b_nls04	4947.82	0.0	17.0	0.0	-7.0	0.0	13.0
B422	881	GEO_Eqn_6.12b_nls04	5442.6	0.0	23.0	0.0	-7.0	0.0	3.0
B422	881	GEO_Eqn_6.12b_nls04	5937.38	0.0	29.0	0.0	-7.0	0.0	-10.0
B422	881	GEO_Eqn_6.12b_nls04	6432.16	0.0	36.0	0.0	-7.0	0.0	-26.0
B422	881	GEO_Eqn_6.12b_nls05	0	0.0	-45.0	0.0	13.0	0.0	-56.0
B422	881	GEO_Eqn_6.12b_nls05	494.78	0.0	-39.0	0.0	13.0	0.0	-36.0
B422	881	GEO_Eqn_6.12b_nls05	989.56	0.0	-32.0	0.0	13.0	0.0	-18.0
B422	881	GEO_Eqn_6.12b_nls05	1484.34	0.0	-26.0	0.0	13.0	0.0	-4.0
B422	881	GEO_Eqn_6.12b_nls05	1979.13	0.0	-20.0	0.0	13.0	0.0	8.0
B422	881	GEO_Eqn_6.12b_nls05	2473.91	0.0	-13.0	0.0	13.0	0.0	16.0
B422	881	GEO_Eqn_6.12b_nls05	2968.69	0.0	-7.0	0.0	13.0	0.0	21.0
B422	881	GEO_Eqn_6.12b_nls05	3463.47	0.0	-1.0	0.0	13.0	0.0	23.0
B422	881	GEO_Eqn_6.12b_nls05	3958.25	0.0	6.0	0.0	13.0	0.0	21.0
B422	881	GEO_Eqn_6.12b_nls05	4453.03	0.0	12.0	0.0	13.0	0.0	17.0
B422	881	GEO_Eqn_6.12b_nls05	4947.82	0.0	18.0	0.0	13.0	0.0	10.0
B422	881	GEO_Eqn_6.12b_nls05	5442.6	0.0	25.0	0.0	13.0	0.0	-1.0
B422	881	GEO_Eqn_6.12b_nls05	5937.38	0.0	31.0	0.0	13.0	0.0	-15.0
B422	881	GEO_Eqn_6.12b_nls05	6432.16	0.0	37.0	0.0	13.0	0.0	-31.0
B422	881	GEO_Eqn_6.12b_nls06	0	0.0	-49.0	0.0	14.0	0.0	-66.0
B422	881	GEO_Eqn_6.12b_nls06	494.78	0.0	-43.0	0.0	14.0	0.0	-43.0
B422	881	GEO_Eqn_6.12b_nls06	989.56	0.0	-37.0	0.0	14.0	0.0	-23.0
B422	881	GEO_Eqn_6.12b_nls06	1484.34	0.0	-30.0	0.0	14.0	0.0	-7.0
B422	881	GEO_Eqn_6.12b_nls06	1979.13	0.0	-24.0	0.0	14.0	0.0	6.0
B422	881	GEO_Eqn_6.12b_nls06	2473.91	0.0	-18.0	0.0	14.0	0.0	17.0
B422	881	GEO_Eqn_6.12b_nls06	2968.69	0.0	-11.0	0.0	14.0	0.0	24.0
B422	881	GEO_Eqn_6.12b_nls06	3463.47	0.0	-5.0	0.0	14.0	0.0	28.0
B422	881	GEO_Eqn_6.12b_nls06	3958.25	0.0	1.0	0.0	14.0	0.0	29.0
B422	881	GEO_Eqn_6.12b_nls06	4453.03	0.0	8.0	0.0	14.0	0.0	27.0
B422	881	GEO_Eqn_6.12b_nls06	4947.82	0.0	14.0	0.0	14.0	0.0	21.0
B422	881	GEO_Eqn_6.12b_nls06	5442.6	0.0	20.0	0.0	14.0	0.0	13.0
B422	881	GEO_Eqn_6.12b_nls06	5937.38	0.0	27.0	0.0	14.0	0.0	1.0
B422	881	GEO_Eqn_6.12b_nls06	6432.16	0.0	33.0	0.0	14.0	0.0	-13.0
B422	881	GEO_Eqn_6.12b_nls07	0	0.0	-43.0	0.0	-8.0	0.0	-51.0
B422	881	GEO_Eqn_6.12b_nls07	494.78	0.0	-36.0	0.0	-8.0	0.0	-32.0
B422	881	GEO_Eqn_6.12b_nls07	989.56	0.0	-30.0	0.0	-8.0	0.0	-16.0
B422	881	GEO_Eqn_6.12b_nls07	1484.34	0.0	-24.0	0.0	-8.0	0.0	-2.0
B422	881	GEO_Eqn_6.12b_nls07	1979.13	0.0	-17.0	0.0	-8.0	0.0	8.0
B422	881	GEO_Eqn_6.12b_nls07	2473.91	0.0	-11.0	0.0	-8.0	0.0	15.0
B422	881	GEO_Eqn_6.12b_nls07	2968.69	0.0	-5.0	0.0	-8.0	0.0	19.0
B422	881	GEO_Eqn_6.12b_nls07	3463.47	0.0	2.0	0.0	-8.0	0.0	19.0
B422	881	GEO_Eqn_6.12b_nls07	3958.25	0.0	8.0	0.0	-8.0	0.0	17.0
B422	881	GEO_Eqn_6.12b_nls07	4453.03	0.0	14.0	0.0	-8.0	0.0	12.0
B422	881	GEO_Eqn_6.12b_nls07	4947.82	0.0	21.0	0.0	-8.0	0.0	3.0
B422	881	GEO_Eqn_6.12b_nls07	5442.6	0.0	27.0	0.0	-8.0	0.0	-9.0
B422	881	GEO_Eqn_6.12b_nls07	5937.38	0.0	33.0	0.0	-8.0	0.0	-24.0
B422	881	GEO_Eqn_6.12b_nls07	6432.16	0.0	39.0	0.0	-8.0	0.0	-42.0
B422	881	GEO_Eqn_6.12b_nls08	0	0.0	-47.0	0.0	-7.0	0.0	-62.0
B422	881	GEO_Eqn_6.12b_nls08	494.78	0.0	-41.0	0.0	-7.0	0.0	-40.0
B422	881	GEO_Eqn_6.12b_nls08	989.56	0.0	-35.0	0.0	-7.0	0.0	-21.0
B422	881	GEO_Eqn_6.12b_nls08	1484.34	0.0	-28.0	0.0	-7.0	0.0	-6.0
B422	881	GEO_Eqn_6.12b_nls08	1979.13	0.0	-22.0	0.0	-7.0	0.0	7.0
B422	881	GEO_Eqn_6.12b_nls08	2473.91	0.0	-16.0	0.0	-7.0	0.0	16.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B422	881	GEO_Eqn_6.12b_nls08	2968.69	0.0	-9.0	0.0	-7.0	0.0	22.0
B422	881	GEO_Eqn_6.12b_nls08	3463.47	0.0	-3.0	0.0	-7.0	0.0	25.0
B422	881	GEO_Eqn_6.12b_nls08	3958.25	0.0	3.0	0.0	-7.0	0.0	25.0
B422	881	GEO_Eqn_6.12b_nls08	4453.03	0.0	10.0	0.0	-7.0	0.0	22.0
B422	881	GEO_Eqn_6.12b_nls08	4947.82	0.0	16.0	0.0	-7.0	0.0	15.0
B422	881	GEO_Eqn_6.12b_nls08	5442.6	0.0	22.0	0.0	-7.0	0.0	6.0
B422	881	GEO_Eqn_6.12b_nls08	5937.38	0.0	29.0	0.0	-7.0	0.0	-7.0
B422	881	GEO_Eqn_6.12b_nls08	6432.16	0.0	35.0	0.0	-7.0	0.0	-22.0
B422	881	GEO_Eqn_6.12b_nls09	0	0.0	-38.0	0.0	5.0	0.0	-41.0
B422	881	GEO_Eqn_6.12b_nls09	494.78	0.0	-31.0	0.0	5.0	0.0	-23.0
B422	881	GEO_Eqn_6.12b_nls09	989.56	0.0	-25.0	0.0	5.0	0.0	-9.0
B422	881	GEO_Eqn_6.12b_nls09	1484.34	0.0	-19.0	0.0	5.0	0.0	2.0
B422	881	GEO_Eqn_6.12b_nls09	1979.13	0.0	-13.0	0.0	5.0	0.0	9.0
B422	881	GEO_Eqn_6.12b_nls09	2473.91	0.0	-6.0	0.0	5.0	0.0	14.0
B422	881	GEO_Eqn_6.12b_nls09	2968.69	0.0	0.0	0.0	5.0	0.0	16.0
B422	881	GEO_Eqn_6.12b_nls09	3463.47	0.0	6.0	0.0	5.0	0.0	14.0
B422	881	GEO_Eqn_6.12b_nls09	3958.25	0.0	13.0	0.0	5.0	0.0	9.0
B422	881	GEO_Eqn_6.12b_nls09	4453.03	0.0	19.0	0.0	5.0	0.0	1.0
B422	881	GEO_Eqn_6.12b_nls09	4947.82	0.0	25.0	0.0	5.0	0.0	-10.0
B422	881	GEO_Eqn_6.12b_nls09	5442.6	0.0	32.0	0.0	5.0	0.0	-24.0
B422	881	GEO_Eqn_6.12b_nls09	5937.38	0.0	38.0	0.0	5.0	0.0	-41.0
B422	881	GEO_Eqn_6.12b_nls09	6432.16	0.0	44.0	0.0	5.0	0.0	-61.0
B422	881	GEO_Eqn_6.12b_nls10	0	0.0	-37.0	0.0	-1.0	0.0	-38.0
B422	881	GEO_Eqn_6.12b_nls10	494.78	0.0	-30.0	0.0	-1.0	0.0	-22.0
B422	881	GEO_Eqn_6.12b_nls10	989.56	0.0	-24.0	0.0	-1.0	0.0	-8.0
B422	881	GEO_Eqn_6.12b_nls10	1484.34	0.0	-18.0	0.0	-1.0	0.0	2.0
B422	881	GEO_Eqn_6.12b_nls10	1979.13	0.0	-11.0	0.0	-1.0	0.0	10.0
B422	881	GEO_Eqn_6.12b_nls10	2473.91	0.0	-5.0	0.0	-1.0	0.0	14.0
B422	881	GEO_Eqn_6.12b_nls10	2968.69	0.0	1.0	0.0	-1.0	0.0	15.0
B422	881	GEO_Eqn_6.12b_nls10	3463.47	0.0	7.0	0.0	-1.0	0.0	12.0
B422	881	GEO_Eqn_6.12b_nls10	3958.25	0.0	14.0	0.0	-1.0	0.0	7.0
B422	881	GEO_Eqn_6.12b_nls10	4453.03	0.0	20.0	0.0	-1.0	0.0	-1.0
B422	881	GEO_Eqn_6.12b_nls10	4947.82	0.0	26.0	0.0	-1.0	0.0	-13.0
B422	881	GEO_Eqn_6.12b_nls10	5442.6	0.0	33.0	0.0	-1.0	0.0	-27.0
B422	881	GEO_Eqn_6.12b_nls10	5937.38	0.0	39.0	0.0	-1.0	0.0	-45.0
B422	881	GEO_Eqn_6.12b_nls10	6432.16	0.0	45.0	0.0	-1.0	0.0	-66.0
B422	881	GEO_Eqn_6.12b_nls11	0	0.0	-55.0	0.0	6.0	0.0	-78.0
B422	881	GEO_Eqn_6.12b_nls11	494.78	0.0	-48.0	0.0	6.0	0.0	-53.0
B422	881	GEO_Eqn_6.12b_nls11	989.56	0.0	-42.0	0.0	6.0	0.0	-30.0
B422	881	GEO_Eqn_6.12b_nls11	1484.34	0.0	-36.0	0.0	6.0	0.0	-11.0
B422	881	GEO_Eqn_6.12b_nls11	1979.13	0.0	-29.0	0.0	6.0	0.0	5.0
B422	881	GEO_Eqn_6.12b_nls11	2473.91	0.0	-23.0	0.0	6.0	0.0	18.0
B422	881	GEO_Eqn_6.12b_nls11	2968.69	0.0	-17.0	0.0	6.0	0.0	28.0
B422	881	GEO_Eqn_6.12b_nls11	3463.47	0.0	-11.0	0.0	6.0	0.0	35.0
B422	881	GEO_Eqn_6.12b_nls11	3958.25	0.0	-4.0	0.0	6.0	0.0	39.0
B422	881	GEO_Eqn_6.12b_nls11	4453.03	0.0	2.0	0.0	6.0	0.0	39.0
B422	881	GEO_Eqn_6.12b_nls11	4947.82	0.0	8.0	0.0	6.0	0.0	37.0
B422	881	GEO_Eqn_6.12b_nls11	5442.6	0.0	15.0	0.0	6.0	0.0	31.0
B422	881	GEO_Eqn_6.12b_nls11	5937.38	0.0	21.0	0.0	6.0	0.0	22.0
B422	881	GEO_Eqn_6.12b_nls11	6432.16	0.0	27.0	0.0	6.0	0.0	10.0
B422	881	GEO_Eqn_6.12b_nls12	0	0.0	-54.0	0.0	-0.1	0.0	-76.0
B422	881	GEO_Eqn_6.12b_nls12	494.78	0.0	-48.0	0.0	-0.1	0.0	-51.0
B422	881	GEO_Eqn_6.12b_nls12	989.56	0.0	-41.0	0.0	-0.1	0.0	-29.0
B422	881	GEO_Eqn_6.12b_nls12	1484.34	0.0	-35.0	0.0	-0.1	0.0	-10.0
B422	881	GEO_Eqn_6.12b_nls12	1979.13	0.0	-29.0	0.0	-0.1	0.0	5.0
B422	881	GEO_Eqn_6.12b_nls12	2473.91	0.0	-22.0	0.0	-0.1	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B422	881	GEO_Eqn_6.12b_nls12	2968.69	0.0	-16.0	0.0	-0.1	0.0	27.0
B422	881	GEO_Eqn_6.12b_nls12	3463.47	0.0	-10.0	0.0	-0.1	0.0	34.0
B422	881	GEO_Eqn_6.12b_nls12	3958.25	0.0	-3.0	0.0	-0.1	0.0	37.0
B422	881	GEO_Eqn_6.12b_nls12	4453.03	0.0	3.0	0.0	-0.1	0.0	37.0
B422	881	GEO_Eqn_6.12b_nls12	4947.82	0.0	9.0	0.0	-0.1	0.0	34.0
B422	881	GEO_Eqn_6.12b_nls12	5442.6	0.0	15.0	0.0	-0.1	0.0	28.0
B422	881	GEO_Eqn_6.12b_nls12	5937.38	0.0	22.0	0.0	-0.1	0.0	19.0
B422	881	GEO_Eqn_6.12b_nls12	6432.16	0.0	28.0	0.0	-0.1	0.0	7.0
B422	881	GEO_Eqn_6.12b_nls13	0	0.0	-40.0	0.0	5.0	0.0	-46.0
B422	881	GEO_Eqn_6.12b_nls13	494.78	0.0	-34.0	0.0	5.0	0.0	-28.0
B422	881	GEO_Eqn_6.12b_nls13	989.56	0.0	-28.0	0.0	5.0	0.0	-13.0
B422	881	GEO_Eqn_6.12b_nls13	1484.34	0.0	-21.0	0.0	5.0	0.0	-1.0
B422	881	GEO_Eqn_6.12b_nls13	1979.13	0.0	-15.0	0.0	5.0	0.0	8.0
B422	881	GEO_Eqn_6.12b_nls13	2473.91	0.0	-9.0	0.0	5.0	0.0	14.0
B422	881	GEO_Eqn_6.12b_nls13	2968.69	0.0	-2.0	0.0	5.0	0.0	17.0
B422	881	GEO_Eqn_6.12b_nls13	3463.47	0.0	4.0	0.0	5.0	0.0	17.0
B422	881	GEO_Eqn_6.12b_nls13	3958.25	0.0	10.0	0.0	5.0	0.0	13.0
B422	881	GEO_Eqn_6.12b_nls13	4453.03	0.0	16.0	0.0	5.0	0.0	7.0
B422	881	GEO_Eqn_6.12b_nls13	4947.82	0.0	23.0	0.0	5.0	0.0	-3.0
B422	881	GEO_Eqn_6.12b_nls13	5442.6	0.0	29.0	0.0	5.0	0.0	-16.0
B422	881	GEO_Eqn_6.12b_nls13	5937.38	0.0	35.0	0.0	5.0	0.0	-32.0
B422	881	GEO_Eqn_6.12b_nls13	6432.16	0.0	42.0	0.0	5.0	0.0	-51.0
B422	881	GEO_Eqn_6.12b_nls14	0	0.0	-39.0	0.0	-1.0	0.0	-44.0
B422	881	GEO_Eqn_6.12b_nls14	494.78	0.0	-33.0	0.0	-1.0	0.0	-26.0
B422	881	GEO_Eqn_6.12b_nls14	989.56	0.0	-27.0	0.0	-1.0	0.0	-11.0
B422	881	GEO_Eqn_6.12b_nls14	1484.34	0.0	-20.0	0.0	-1.0	0.0	0.2
B422	881	GEO_Eqn_6.12b_nls14	1979.13	0.0	-14.0	0.0	-1.0	0.0	9.0
B422	881	GEO_Eqn_6.12b_nls14	2473.91	0.0	-8.0	0.0	-1.0	0.0	14.0
B422	881	GEO_Eqn_6.12b_nls14	2968.69	0.0	-1.0	0.0	-1.0	0.0	16.0
B422	881	GEO_Eqn_6.12b_nls14	3463.47	0.0	5.0	0.0	-1.0	0.0	15.0
B422	881	GEO_Eqn_6.12b_nls14	3958.25	0.0	11.0	0.0	-1.0	0.0	11.0
B422	881	GEO_Eqn_6.12b_nls14	4453.03	0.0	18.0	0.0	-1.0	0.0	4.0
B422	881	GEO_Eqn_6.12b_nls14	4947.82	0.0	24.0	0.0	-1.0	0.0	-6.0
B422	881	GEO_Eqn_6.12b_nls14	5442.6	0.0	30.0	0.0	-1.0	0.0	-20.0
B422	881	GEO_Eqn_6.12b_nls14	5937.38	0.0	37.0	0.0	-1.0	0.0	-36.0
B422	881	GEO_Eqn_6.12b_nls14	6432.16	0.0	43.0	0.0	-1.0	0.0	-56.0
B422	881	GEO_Eqn_6.12b_nls15	0	0.0	-53.0	0.0	7.0	0.0	-74.0
B422	881	GEO_Eqn_6.12b_nls15	494.78	0.0	-46.0	0.0	7.0	0.0	-49.0
B422	881	GEO_Eqn_6.12b_nls15	989.56	0.0	-40.0	0.0	7.0	0.0	-28.0
B422	881	GEO_Eqn_6.12b_nls15	1484.34	0.0	-34.0	0.0	7.0	0.0	-9.0
B422	881	GEO_Eqn_6.12b_nls15	1979.13	0.0	-28.0	0.0	7.0	0.0	6.0
B422	881	GEO_Eqn_6.12b_nls15	2473.91	0.0	-21.0	0.0	7.0	0.0	18.0
B422	881	GEO_Eqn_6.12b_nls15	2968.69	0.0	-15.0	0.0	7.0	0.0	27.0
B422	881	GEO_Eqn_6.12b_nls15	3463.47	0.0	-9.0	0.0	7.0	0.0	33.0
B422	881	GEO_Eqn_6.12b_nls15	3958.25	0.0	-2.0	0.0	7.0	0.0	35.0
B422	881	GEO_Eqn_6.12b_nls15	4453.03	0.0	4.0	0.0	7.0	0.0	35.0
B422	881	GEO_Eqn_6.12b_nls15	4947.82	0.0	10.0	0.0	7.0	0.0	31.0
B422	881	GEO_Eqn_6.12b_nls15	5442.6	0.0	17.0	0.0	7.0	0.0	25.0
B422	881	GEO_Eqn_6.12b_nls15	5937.38	0.0	23.0	0.0	7.0	0.0	15.0
B422	881	GEO_Eqn_6.12b_nls15	6432.16	0.0	29.0	0.0	7.0	0.0	2.0
B422	881	GEO_Eqn_6.12b_nls16	0	0.0	-52.0	0.0	0.2	0.0	-72.0
B422	881	GEO_Eqn_6.12b_nls16	494.78	0.0	-46.0	0.0	0.2	0.0	-48.0
B422	881	GEO_Eqn_6.12b_nls16	989.56	0.0	-39.0	0.0	0.2	0.0	-27.0
B422	881	GEO_Eqn_6.12b_nls16	1484.34	0.0	-33.0	0.0	0.2	0.0	-9.0
B422	881	GEO_Eqn_6.12b_nls16	1979.13	0.0	-27.0	0.0	0.2	0.0	6.0
B422	881	GEO_Eqn_6.12b_nls16	2473.91	0.0	-20.0	0.0	0.2	0.0	18.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B422	881	GEO_Eqn_6.12b_nls16	2968.69	0.0	-14.0	0.0	0.2	0.0	26.0
B422	881	GEO_Eqn_6.12b_nls16	3463.47	0.0	-8.0	0.0	0.2	0.0	32.0
B422	881	GEO_Eqn_6.12b_nls16	3958.25	0.0	-2.0	0.0	0.2	0.0	34.0
B422	881	GEO_Eqn_6.12b_nls16	4453.03	0.0	5.0	0.0	0.2	0.0	33.0
B422	881	GEO_Eqn_6.12b_nls16	4947.82	0.0	11.0	0.0	0.2	0.0	29.0
B422	881	GEO_Eqn_6.12b_nls16	5442.6	0.0	17.0	0.0	0.2	0.0	22.0
B422	881	GEO_Eqn_6.12b_nls16	5937.38	0.0	24.0	0.0	0.2	0.0	12.0
B422	881	GEO_Eqn_6.12b_nls16	6432.16	0.0	30.0	0.0	0.2	0.0	-1.0
B423	882	GEO_Eqn_6.12b_nls01	0	0.0	-14.0	0.0	-1.0	0.0	-21.0
B423	882	GEO_Eqn_6.12b_nls01	490	0.0	-7.0	0.0	-1.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls01	980	0.0	-1.0	0.0	-1.0	0.0	-14.0
B423	882	GEO_Eqn_6.12b_nls01	1470	0.0	5.0	0.0	-1.0	0.0	-15.0
B423	882	GEO_Eqn_6.12b_nls01	1960	0.0	11.0	0.0	-1.0	0.0	-19.0
B423	882	GEO_Eqn_6.12b_nls01	2450	0.0	18.0	0.0	-1.0	0.0	-26.0
B423	882	GEO_Eqn_6.12b_nls01	2940	0.0	24.0	0.0	-1.0	0.0	-36.0
B423	882	GEO_Eqn_6.12b_nls01	3430	0.0	30.0	0.0	-1.0	0.0	-49.0
B423	882	GEO_Eqn_6.12b_nls01	3920	0.0	36.0	0.0	-1.0	0.0	-66.0
B423	882	GEO_Eqn_6.12b_nls01	4410	0.0	43.0	0.0	-1.0	0.0	-85.0
B423	882	GEO_Eqn_6.12b_nls01	4900	0.0	49.0	0.0	-1.0	0.0	-108.0
B423	882	GEO_Eqn_6.12b_nls02	0	0.0	-10.0	0.0	-1.0	0.0	-19.0
B423	882	GEO_Eqn_6.12b_nls02	490	0.0	-3.0	0.0	-1.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls02	980	0.0	3.0	0.0	-1.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls02	1470	0.0	9.0	0.0	-1.0	0.0	-19.0
B423	882	GEO_Eqn_6.12b_nls02	1960	0.0	15.0	0.0	-1.0	0.0	-25.0
B423	882	GEO_Eqn_6.12b_nls02	2450	0.0	22.0	0.0	-1.0	0.0	-34.0
B423	882	GEO_Eqn_6.12b_nls02	2940	0.0	28.0	0.0	-1.0	0.0	-46.0
B423	882	GEO_Eqn_6.12b_nls02	3430	0.0	34.0	0.0	-1.0	0.0	-61.0
B423	882	GEO_Eqn_6.12b_nls02	3920	0.0	40.0	0.0	-1.0	0.0	-79.0
B423	882	GEO_Eqn_6.12b_nls02	4410	0.0	47.0	0.0	-1.0	0.0	-101.0
B423	882	GEO_Eqn_6.12b_nls02	4900	0.0	53.0	0.0	-1.0	0.0	-125.0
B423	882	GEO_Eqn_6.12b_nls03	0	0.0	-38.0	0.0	3.0	0.0	-35.0
B423	882	GEO_Eqn_6.12b_nls03	490	0.0	-31.0	0.0	3.0	0.0	-18.0
B423	882	GEO_Eqn_6.12b_nls03	980	0.0	-25.0	0.0	3.0	0.0	-4.0
B423	882	GEO_Eqn_6.12b_nls03	1470	0.0	-19.0	0.0	3.0	0.0	7.0
B423	882	GEO_Eqn_6.12b_nls03	1960	0.0	-13.0	0.0	3.0	0.0	15.0
B423	882	GEO_Eqn_6.12b_nls03	2450	0.0	-6.0	0.0	3.0	0.0	19.0
B423	882	GEO_Eqn_6.12b_nls03	2940	0.0	-0.2	0.0	3.0	0.0	21.0
B423	882	GEO_Eqn_6.12b_nls03	3430	0.0	6.0	0.0	3.0	0.0	20.0
B423	882	GEO_Eqn_6.12b_nls03	3920	0.0	12.0	0.0	3.0	0.0	15.0
B423	882	GEO_Eqn_6.12b_nls03	4410	0.0	19.0	0.0	3.0	0.0	8.0
B423	882	GEO_Eqn_6.12b_nls03	4900	0.0	25.0	0.0	3.0	0.0	-3.0
B423	882	GEO_Eqn_6.12b_nls04	0	0.0	-29.0	0.0	2.0	0.0	-29.0
B423	882	GEO_Eqn_6.12b_nls04	490	0.0	-22.0	0.0	2.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls04	980	0.0	-16.0	0.0	2.0	0.0	-7.0
B423	882	GEO_Eqn_6.12b_nls04	1470	0.0	-10.0	0.0	2.0	0.0	-0.3
B423	882	GEO_Eqn_6.12b_nls04	1960	0.0	-4.0	0.0	2.0	0.0	3.0
B423	882	GEO_Eqn_6.12b_nls04	2450	0.0	3.0	0.0	2.0	0.0	3.0
B423	882	GEO_Eqn_6.12b_nls04	2940	0.0	9.0	0.0	2.0	0.0	1.0
B423	882	GEO_Eqn_6.12b_nls04	3430	0.0	15.0	0.0	2.0	0.0	-5.0
B423	882	GEO_Eqn_6.12b_nls04	3920	0.0	21.0	0.0	2.0	0.0	-14.0
B423	882	GEO_Eqn_6.12b_nls04	4410	0.0	27.0	0.0	2.0	0.0	-26.0
B423	882	GEO_Eqn_6.12b_nls04	4900	0.0	34.0	0.0	2.0	0.0	-41.0
B423	882	GEO_Eqn_6.12b_nls05	0	0.0	-15.0	0.0	-1.0	0.0	-22.0
B423	882	GEO_Eqn_6.12b_nls05	490	0.0	-8.0	0.0	-1.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls05	980	0.0	-2.0	0.0	-1.0	0.0	-14.0
B423	882	GEO_Eqn_6.12b_nls05	1470	0.0	4.0	0.0	-1.0	0.0	-14.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B423	882	GEO_Eqn_6.12b_nls05	1960	0.0	10.0	0.0	-1.0	0.0	-18.0
B423	882	GEO_Eqn_6.12b_nls05	2450	0.0	17.0	0.0	-1.0	0.0	-24.0
B423	882	GEO_Eqn_6.12b_nls05	2940	0.0	23.0	0.0	-1.0	0.0	-34.0
B423	882	GEO_Eqn_6.12b_nls05	3430	0.0	29.0	0.0	-1.0	0.0	-46.0
B423	882	GEO_Eqn_6.12b_nls05	3920	0.0	35.0	0.0	-1.0	0.0	-62.0
B423	882	GEO_Eqn_6.12b_nls05	4410	0.0	42.0	0.0	-1.0	0.0	-81.0
B423	882	GEO_Eqn_6.12b_nls05	4900	0.0	48.0	0.0	-1.0	0.0	-103.0
B423	882	GEO_Eqn_6.12b_nls06	0	0.0	-6.0	0.0	-2.0	0.0	-17.0
B423	882	GEO_Eqn_6.12b_nls06	490	0.0	0.0	0.0	-2.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls06	980	0.0	6.0	0.0	-2.0	0.0	-17.0
B423	882	GEO_Eqn_6.12b_nls06	1470	0.0	13.0	0.0	-2.0	0.0	-22.0
B423	882	GEO_Eqn_6.12b_nls06	1960	0.0	19.0	0.0	-2.0	0.0	-29.0
B423	882	GEO_Eqn_6.12b_nls06	2450	0.0	25.0	0.0	-2.0	0.0	-40.0
B423	882	GEO_Eqn_6.12b_nls06	2940	0.0	31.0	0.0	-2.0	0.0	-54.0
B423	882	GEO_Eqn_6.12b_nls06	3430	0.0	38.0	0.0	-2.0	0.0	-71.0
B423	882	GEO_Eqn_6.12b_nls06	3920	0.0	44.0	0.0	-2.0	0.0	-91.0
B423	882	GEO_Eqn_6.12b_nls06	4410	0.0	50.0	0.0	-2.0	0.0	-114.0
B423	882	GEO_Eqn_6.12b_nls06	4900	0.0	56.0	0.0	-2.0	0.0	-140.0
B423	882	GEO_Eqn_6.12b_nls07	0	0.0	-36.0	0.0	4.0	0.0	-33.0
B423	882	GEO_Eqn_6.12b_nls07	490	0.0	-30.0	0.0	4.0	0.0	-17.0
B423	882	GEO_Eqn_6.12b_nls07	980	0.0	-24.0	0.0	4.0	0.0	-4.0
B423	882	GEO_Eqn_6.12b_nls07	1470	0.0	-17.0	0.0	4.0	0.0	6.0
B423	882	GEO_Eqn_6.12b_nls07	1960	0.0	-11.0	0.0	4.0	0.0	13.0
B423	882	GEO_Eqn_6.12b_nls07	2450	0.0	-5.0	0.0	4.0	0.0	17.0
B423	882	GEO_Eqn_6.12b_nls07	2940	0.0	1.0	0.0	4.0	0.0	18.0
B423	882	GEO_Eqn_6.12b_nls07	3430	0.0	8.0	0.0	4.0	0.0	15.0
B423	882	GEO_Eqn_6.12b_nls07	3920	0.0	14.0	0.0	4.0	0.0	10.0
B423	882	GEO_Eqn_6.12b_nls07	4410	0.0	20.0	0.0	4.0	0.0	2.0
B423	882	GEO_Eqn_6.12b_nls07	4900	0.0	26.0	0.0	4.0	0.0	-10.0
B423	882	GEO_Eqn_6.12b_nls08	0	0.0	-27.0	0.0	3.0	0.0	-28.0
B423	882	GEO_Eqn_6.12b_nls08	490	0.0	-21.0	0.0	3.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls08	980	0.0	-15.0	0.0	3.0	0.0	-7.0
B423	882	GEO_Eqn_6.12b_nls08	1470	0.0	-9.0	0.0	3.0	0.0	-1.0
B423	882	GEO_Eqn_6.12b_nls08	1960	0.0	-2.0	0.0	3.0	0.0	1.0
B423	882	GEO_Eqn_6.12b_nls08	2450	0.0	4.0	0.0	3.0	0.0	1.0
B423	882	GEO_Eqn_6.12b_nls08	2940	0.0	10.0	0.0	3.0	0.0	-2.0
B423	882	GEO_Eqn_6.12b_nls08	3430	0.0	16.0	0.0	3.0	0.0	-9.0
B423	882	GEO_Eqn_6.12b_nls08	3920	0.0	23.0	0.0	3.0	0.0	-18.0
B423	882	GEO_Eqn_6.12b_nls08	4410	0.0	29.0	0.0	3.0	0.0	-31.0
B423	882	GEO_Eqn_6.12b_nls08	4900	0.0	35.0	0.0	3.0	0.0	-47.0
B423	882	GEO_Eqn_6.12b_nls09	0	0.0	-34.0	0.0	1.0	0.0	-34.0
B423	882	GEO_Eqn_6.12b_nls09	490	0.0	-27.0	0.0	1.0	0.0	-19.0
B423	882	GEO_Eqn_6.12b_nls09	980	0.0	-21.0	0.0	1.0	0.0	-7.0
B423	882	GEO_Eqn_6.12b_nls09	1470	0.0	-15.0	0.0	1.0	0.0	1.0
B423	882	GEO_Eqn_6.12b_nls09	1960	0.0	-9.0	0.0	1.0	0.0	7.0
B423	882	GEO_Eqn_6.12b_nls09	2450	0.0	-2.0	0.0	1.0	0.0	10.0
B423	882	GEO_Eqn_6.12b_nls09	2940	0.0	4.0	0.0	1.0	0.0	9.0
B423	882	GEO_Eqn_6.12b_nls09	3430	0.0	10.0	0.0	1.0	0.0	6.0
B423	882	GEO_Eqn_6.12b_nls09	3920	0.0	16.0	0.0	1.0	0.0	-1.0
B423	882	GEO_Eqn_6.12b_nls09	4410	0.0	23.0	0.0	1.0	0.0	-10.0
B423	882	GEO_Eqn_6.12b_nls09	4900	0.0	29.0	0.0	1.0	0.0	-23.0
B423	882	GEO_Eqn_6.12b_nls10	0	0.0	-41.0	0.0	2.0	0.0	-38.0
B423	882	GEO_Eqn_6.12b_nls10	490	0.0	-34.0	0.0	2.0	0.0	-20.0
B423	882	GEO_Eqn_6.12b_nls10	980	0.0	-28.0	0.0	2.0	0.0	-4.0
B423	882	GEO_Eqn_6.12b_nls10	1470	0.0	-22.0	0.0	2.0	0.0	8.0
B423	882	GEO_Eqn_6.12b_nls10	1960	0.0	-16.0	0.0	2.0	0.0	17.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B423	882	GEO_Eqn_6.12b_nls10	2450	0.0	-9.0	0.0	2.0	0.0	23.0
B423	882	GEO_Eqn_6.12b_nls10	2940	0.0	-3.0	0.0	2.0	0.0	26.0
B423	882	GEO_Eqn_6.12b_nls10	3430	0.0	3.0	0.0	2.0	0.0	26.0
B423	882	GEO_Eqn_6.12b_nls10	3920	0.0	9.0	0.0	2.0	0.0	23.0
B423	882	GEO_Eqn_6.12b_nls10	4410	0.0	16.0	0.0	2.0	0.0	17.0
B423	882	GEO_Eqn_6.12b_nls10	4900	0.0	22.0	0.0	2.0	0.0	8.0
B423	882	GEO_Eqn_6.12b_nls11	0	0.0	-2.0	0.0	-1.0	0.0	-13.0
B423	882	GEO_Eqn_6.12b_nls11	490	0.0	5.0	0.0	-1.0	0.0	-14.0
B423	882	GEO_Eqn_6.12b_nls11	980	0.0	11.0	0.0	-1.0	0.0	-18.0
B423	882	GEO_Eqn_6.12b_nls11	1470	0.0	17.0	0.0	-1.0	0.0	-25.0
B423	882	GEO_Eqn_6.12b_nls11	1960	0.0	23.0	0.0	-1.0	0.0	-35.0
B423	882	GEO_Eqn_6.12b_nls11	2450	0.0	30.0	0.0	-1.0	0.0	-48.0
B423	882	GEO_Eqn_6.12b_nls11	2940	0.0	36.0	0.0	-1.0	0.0	-64.0
B423	882	GEO_Eqn_6.12b_nls11	3430	0.0	42.0	0.0	-1.0	0.0	-83.0
B423	882	GEO_Eqn_6.12b_nls11	3920	0.0	48.0	0.0	-1.0	0.0	-105.0
B423	882	GEO_Eqn_6.12b_nls11	4410	0.0	55.0	0.0	-1.0	0.0	-130.0
B423	882	GEO_Eqn_6.12b_nls11	4900	0.0	61.0	0.0	-1.0	0.0	-159.0
B423	882	GEO_Eqn_6.12b_nls12	0	0.0	-8.0	0.0	0.3	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls12	490	0.0	-2.0	0.0	0.3	0.0	-14.0
B423	882	GEO_Eqn_6.12b_nls12	980	0.0	4.0	0.0	0.3	0.0	-15.0
B423	882	GEO_Eqn_6.12b_nls12	1470	0.0	11.0	0.0	0.3	0.0	-18.0
B423	882	GEO_Eqn_6.12b_nls12	1960	0.0	17.0	0.0	0.3	0.0	-25.0
B423	882	GEO_Eqn_6.12b_nls12	2450	0.0	23.0	0.0	0.3	0.0	-35.0
B423	882	GEO_Eqn_6.12b_nls12	2940	0.0	29.0	0.0	0.3	0.0	-48.0
B423	882	GEO_Eqn_6.12b_nls12	3430	0.0	36.0	0.0	0.3	0.0	-64.0
B423	882	GEO_Eqn_6.12b_nls12	3920	0.0	42.0	0.0	0.3	0.0	-83.0
B423	882	GEO_Eqn_6.12b_nls12	4410	0.0	48.0	0.0	0.3	0.0	-105.0
B423	882	GEO_Eqn_6.12b_nls12	4900	0.0	54.0	0.0	0.3	0.0	-130.0
B423	882	GEO_Eqn_6.12b_nls13	0	0.0	-30.0	0.0	3.0	0.0	-31.0
B423	882	GEO_Eqn_6.12b_nls13	490	0.0	-24.0	0.0	3.0	0.0	-18.0
B423	882	GEO_Eqn_6.12b_nls13	980	0.0	-18.0	0.0	3.0	0.0	-8.0
B423	882	GEO_Eqn_6.12b_nls13	1470	0.0	-12.0	0.0	3.0	0.0	-1.0
B423	882	GEO_Eqn_6.12b_nls13	1960	0.0	-5.0	0.0	3.0	0.0	4.0
B423	882	GEO_Eqn_6.12b_nls13	2450	0.0	1.0	0.0	3.0	0.0	5.0
B423	882	GEO_Eqn_6.12b_nls13	2940	0.0	7.0	0.0	3.0	0.0	3.0
B423	882	GEO_Eqn_6.12b_nls13	3430	0.0	13.0	0.0	3.0	0.0	-2.0
B423	882	GEO_Eqn_6.12b_nls13	3920	0.0	20.0	0.0	3.0	0.0	-10.0
B423	882	GEO_Eqn_6.12b_nls13	4410	0.0	26.0	0.0	3.0	0.0	-22.0
B423	882	GEO_Eqn_6.12b_nls13	4900	0.0	32.0	0.0	3.0	0.0	-36.0
B423	882	GEO_Eqn_6.12b_nls14	0	0.0	-37.0	0.0	4.0	0.0	-35.0
B423	882	GEO_Eqn_6.12b_nls14	490	0.0	-31.0	0.0	4.0	0.0	-19.0
B423	882	GEO_Eqn_6.12b_nls14	980	0.0	-25.0	0.0	4.0	0.0	-5.0
B423	882	GEO_Eqn_6.12b_nls14	1470	0.0	-19.0	0.0	4.0	0.0	6.0
B423	882	GEO_Eqn_6.12b_nls14	1960	0.0	-12.0	0.0	4.0	0.0	13.0
B423	882	GEO_Eqn_6.12b_nls14	2450	0.0	-6.0	0.0	4.0	0.0	18.0
B423	882	GEO_Eqn_6.12b_nls14	2940	0.0	0.2	0.0	4.0	0.0	19.0
B423	882	GEO_Eqn_6.12b_nls14	3430	0.0	6.0	0.0	4.0	0.0	18.0
B423	882	GEO_Eqn_6.12b_nls14	3920	0.0	13.0	0.0	4.0	0.0	13.0
B423	882	GEO_Eqn_6.12b_nls14	4410	0.0	19.0	0.0	4.0	0.0	5.0
B423	882	GEO_Eqn_6.12b_nls14	4900	0.0	25.0	0.0	4.0	0.0	-6.0
B423	882	GEO_Eqn_6.12b_nls15	0	0.0	-4.0	0.0	-2.0	0.0	-15.0
B423	882	GEO_Eqn_6.12b_nls15	490	0.0	2.0	0.0	-2.0	0.0	-15.0
B423	882	GEO_Eqn_6.12b_nls15	980	0.0	8.0	0.0	-2.0	0.0	-17.0
B423	882	GEO_Eqn_6.12b_nls15	1470	0.0	15.0	0.0	-2.0	0.0	-23.0
B423	882	GEO_Eqn_6.12b_nls15	1960	0.0	21.0	0.0	-2.0	0.0	-31.0
B423	882	GEO_Eqn_6.12b_nls15	2450	0.0	27.0	0.0	-2.0	0.0	-43.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B423	882	GEO_Eqn_6.12b_nls15	2940	0.0	33.0	0.0	-2.0	0.0	-58.0
B423	882	GEO_Eqn_6.12b_nls15	3430	0.0	40.0	0.0	-2.0	0.0	-76.0
B423	882	GEO_Eqn_6.12b_nls15	3920	0.0	46.0	0.0	-2.0	0.0	-97.0
B423	882	GEO_Eqn_6.12b_nls15	4410	0.0	52.0	0.0	-2.0	0.0	-121.0
B423	882	GEO_Eqn_6.12b_nls15	4900	0.0	58.0	0.0	-2.0	0.0	-148.0
B423	882	GEO_Eqn_6.12b_nls16	0	0.0	-11.0	0.0	-1.0	0.0	-19.0
B423	882	GEO_Eqn_6.12b_nls16	490	0.0	-5.0	0.0	-1.0	0.0	-15.0
B423	882	GEO_Eqn_6.12b_nls16	980	0.0	1.0	0.0	-1.0	0.0	-14.0
B423	882	GEO_Eqn_6.12b_nls16	1470	0.0	8.0	0.0	-1.0	0.0	-16.0
B423	882	GEO_Eqn_6.12b_nls16	1960	0.0	14.0	0.0	-1.0	0.0	-21.0
B423	882	GEO_Eqn_6.12b_nls16	2450	0.0	20.0	0.0	-1.0	0.0	-30.0
B423	882	GEO_Eqn_6.12b_nls16	2940	0.0	26.0	0.0	-1.0	0.0	-41.0
B423	882	GEO_Eqn_6.12b_nls16	3430	0.0	33.0	0.0	-1.0	0.0	-56.0
B423	882	GEO_Eqn_6.12b_nls16	3920	0.0	39.0	0.0	-1.0	0.0	-73.0
B423	882	GEO_Eqn_6.12b_nls16	4410	0.0	45.0	0.0	-1.0	0.0	-94.0
B423	882	GEO_Eqn_6.12b_nls16	4900	0.0	51.0	0.0	-1.0	0.0	-117.0
B424	883	GEO_Eqn_6.12b_nls01	0	9.0	-78.0	1.0	16.0	2.0	-125.0
B424	883	GEO_Eqn_6.12b_nls01	493.84	9.0	-72.0	1.0	16.0	1.0	-88.0
B424	883	GEO_Eqn_6.12b_nls01	987.67	9.0	-66.0	1.0	16.0	1.0	-54.0
B424	883	GEO_Eqn_6.12b_nls01	1481.51	9.0	-59.0	1.0	16.0	1.0	-23.0
B424	883	GEO_Eqn_6.12b_nls01	1975.34	9.0	-53.0	1.0	16.0	0.5	5.0
B424	883	GEO_Eqn_6.12b_nls01	2469.18	8.0	-47.0	1.0	16.0	0.2	29.0
B424	883	GEO_Eqn_6.12b_nls01	2963.02	8.0	-40.0	1.0	16.0	-0.2	51.0
B424	883	GEO_Eqn_6.12b_nls01	3456.85	8.0	-34.0	1.0	16.0	-0.5	69.0
B424	883	GEO_Eqn_6.12b_nls01	3950.69	8.0	-28.0	1.0	16.0	-1.0	84.0
B424	883	GEO_Eqn_6.12b_nls01	4444.52	8.0	-21.0	1.0	16.0	-1.0	96.0
B424	883	GEO_Eqn_6.12b_nls01	4938.36	8.0	-15.0	1.0	16.0	-1.0	105.0
B424	883	GEO_Eqn_6.12b_nls01	5432.19	8.0	-9.0	1.0	16.0	-2.0	111.0
B424	883	GEO_Eqn_6.12b_nls02	0	0.0	-94.0	1.0	17.0	2.0	-156.0
B424	883	GEO_Eqn_6.12b_nls02	493.84	0.0	-88.0	1.0	17.0	1.0	-111.0
B424	883	GEO_Eqn_6.12b_nls02	987.67	0.0	-82.0	1.0	17.0	1.0	-69.0
B424	883	GEO_Eqn_6.12b_nls02	1481.51	0.0	-75.0	1.0	17.0	1.0	-31.0
B424	883	GEO_Eqn_6.12b_nls02	1975.34	0.0	-69.0	1.0	17.0	0.5	5.0
B424	883	GEO_Eqn_6.12b_nls02	2469.18	0.0	-63.0	1.0	17.0	0.2	38.0
B424	883	GEO_Eqn_6.12b_nls02	2963.02	0.0	-57.0	1.0	17.0	-0.2	67.0
B424	883	GEO_Eqn_6.12b_nls02	3456.85	0.0	-50.0	1.0	17.0	-0.5	94.0
B424	883	GEO_Eqn_6.12b_nls02	3950.69	-0.1	-44.0	1.0	17.0	-1.0	117.0
B424	883	GEO_Eqn_6.12b_nls02	4444.52	-0.1	-38.0	1.0	17.0	-1.0	137.0
B424	883	GEO_Eqn_6.12b_nls02	4938.36	-0.1	-31.0	1.0	17.0	-1.0	154.0
B424	883	GEO_Eqn_6.12b_nls02	5432.19	-0.1	-25.0	1.0	17.0	-2.0	168.0
B424	883	GEO_Eqn_6.12b_nls03	0	8.0	-4.0	-1.0	-22.0	-2.0	29.0
B424	883	GEO_Eqn_6.12b_nls03	493.84	8.0	2.0	-1.0	-22.0	-2.0	29.0
B424	883	GEO_Eqn_6.12b_nls03	987.67	8.0	9.0	-1.0	-22.0	-1.0	26.0
B424	883	GEO_Eqn_6.12b_nls03	1481.51	8.0	15.0	-1.0	-22.0	-1.0	20.0
B424	883	GEO_Eqn_6.12b_nls03	1975.34	8.0	21.0	-1.0	-22.0	-1.0	11.0
B424	883	GEO_Eqn_6.12b_nls03	2469.18	8.0	28.0	-1.0	-22.0	-0.2	-1.0
B424	883	GEO_Eqn_6.12b_nls03	2963.02	8.0	34.0	-1.0	-22.0	0.2	-16.0
B424	883	GEO_Eqn_6.12b_nls03	3456.85	8.0	40.0	-1.0	-22.0	0.5	-34.0
B424	883	GEO_Eqn_6.12b_nls03	3950.69	8.0	46.0	-1.0	-22.0	1.0	-55.0
B424	883	GEO_Eqn_6.12b_nls03	4444.52	8.0	53.0	-1.0	-22.0	1.0	-80.0
B424	883	GEO_Eqn_6.12b_nls03	4938.36	8.0	59.0	-1.0	-22.0	2.0	-107.0
B424	883	GEO_Eqn_6.12b_nls03	5432.19	8.0	65.0	-1.0	-22.0	2.0	-138.0
B424	883	GEO_Eqn_6.12b_nls04	0	-8.0	-38.0	-1.0	-19.0	-2.0	-38.0
B424	883	GEO_Eqn_6.12b_nls04	493.84	-8.0	-32.0	-1.0	-19.0	-1.0	-21.0
B424	883	GEO_Eqn_6.12b_nls04	987.67	-8.0	-25.0	-1.0	-19.0	-1.0	-7.0
B424	883	GEO_Eqn_6.12b_nls04	1481.51	-8.0	-19.0	-1.0	-19.0	-1.0	4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B424	883	GEO_Eqn_6.12b_nls04	1975.34	-8.0	-13.0	-1.0	-19.0	-0.5	12.0
B424	883	GEO_Eqn_6.12b_nls04	2469.18	-8.0	-6.0	-1.0	-19.0	-0.2	17.0
B424	883	GEO_Eqn_6.12b_nls04	2963.02	-8.0	-0.2	-1.0	-19.0	0.2	19.0
B424	883	GEO_Eqn_6.12b_nls04	3456.85	-8.0	6.0	-1.0	-19.0	0.5	17.0
B424	883	GEO_Eqn_6.12b_nls04	3950.69	-8.0	12.0	-1.0	-19.0	1.0	13.0
B424	883	GEO_Eqn_6.12b_nls04	4444.52	-8.0	19.0	-1.0	-19.0	1.0	5.0
B424	883	GEO_Eqn_6.12b_nls04	4938.36	-8.0	25.0	-1.0	-19.0	1.0	-6.0
B424	883	GEO_Eqn_6.12b_nls04	5432.19	-8.0	31.0	-1.0	-19.0	2.0	-20.0
B424	883	GEO_Eqn_6.12b_nls05	0	12.0	-74.0	1.0	16.0	2.0	-116.0
B424	883	GEO_Eqn_6.12b_nls05	493.84	12.0	-67.0	1.0	16.0	2.0	-81.0
B424	883	GEO_Eqn_6.12b_nls05	987.67	12.0	-61.0	1.0	16.0	1.0	-50.0
B424	883	GEO_Eqn_6.12b_nls05	1481.51	12.0	-55.0	1.0	16.0	1.0	-21.0
B424	883	GEO_Eqn_6.12b_nls05	1975.34	12.0	-49.0	1.0	16.0	0.5	4.0
B424	883	GEO_Eqn_6.12b_nls05	2469.18	12.0	-42.0	1.0	16.0	0.2	27.0
B424	883	GEO_Eqn_6.12b_nls05	2963.02	12.0	-36.0	1.0	16.0	-0.2	46.0
B424	883	GEO_Eqn_6.12b_nls05	3456.85	12.0	-30.0	1.0	16.0	-1.0	62.0
B424	883	GEO_Eqn_6.12b_nls05	3950.69	12.0	-23.0	1.0	16.0	-1.0	76.0
B424	883	GEO_Eqn_6.12b_nls05	4444.52	12.0	-17.0	1.0	16.0	-1.0	86.0
B424	883	GEO_Eqn_6.12b_nls05	4938.36	12.0	-11.0	1.0	16.0	-1.0	92.0
B424	883	GEO_Eqn_6.12b_nls05	5432.19	12.0	-5.0	1.0	16.0	-2.0	96.0
B424	883	GEO_Eqn_6.12b_nls06	0	-5.0	-107.0	1.0	19.0	2.0	-181.0
B424	883	GEO_Eqn_6.12b_nls06	493.84	-5.0	-101.0	1.0	19.0	2.0	-130.0
B424	883	GEO_Eqn_6.12b_nls06	987.67	-5.0	-94.0	1.0	19.0	1.0	-82.0
B424	883	GEO_Eqn_6.12b_nls06	1481.51	-5.0	-88.0	1.0	19.0	1.0	-37.0
B424	883	GEO_Eqn_6.12b_nls06	1975.34	-5.0	-82.0	1.0	19.0	1.0	5.0
B424	883	GEO_Eqn_6.12b_nls06	2469.18	-5.0	-75.0	1.0	19.0	0.2	44.0
B424	883	GEO_Eqn_6.12b_nls06	2963.02	-5.0	-69.0	1.0	19.0	-0.2	79.0
B424	883	GEO_Eqn_6.12b_nls06	3456.85	-5.0	-63.0	1.0	19.0	-1.0	112.0
B424	883	GEO_Eqn_6.12b_nls06	3950.69	-5.0	-57.0	1.0	19.0	-1.0	142.0
B424	883	GEO_Eqn_6.12b_nls06	4444.52	-5.0	-50.0	1.0	19.0	-1.0	168.0
B424	883	GEO_Eqn_6.12b_nls06	4938.36	-5.0	-44.0	1.0	19.0	-2.0	191.0
B424	883	GEO_Eqn_6.12b_nls06	5432.19	-5.0	-38.0	1.0	19.0	-2.0	211.0
B424	883	GEO_Eqn_6.12b_nls07	0	5.0	-10.0	-1.0	-22.0	-2.0	17.0
B424	883	GEO_Eqn_6.12b_nls07	493.84	5.0	-4.0	-1.0	-22.0	-2.0	20.0
B424	883	GEO_Eqn_6.12b_nls07	987.67	5.0	3.0	-1.0	-22.0	-1.0	21.0
B424	883	GEO_Eqn_6.12b_nls07	1481.51	5.0	9.0	-1.0	-22.0	-1.0	18.0
B424	883	GEO_Eqn_6.12b_nls07	1975.34	5.0	15.0	-1.0	-22.0	-1.0	12.0
B424	883	GEO_Eqn_6.12b_nls07	2469.18	5.0	22.0	-1.0	-22.0	-0.2	3.0
B424	883	GEO_Eqn_6.12b_nls07	2963.02	5.0	28.0	-1.0	-22.0	0.2	-10.0
B424	883	GEO_Eqn_6.12b_nls07	3456.85	5.0	34.0	-1.0	-22.0	1.0	-25.0
B424	883	GEO_Eqn_6.12b_nls07	3950.69	5.0	40.0	-1.0	-22.0	1.0	-43.0
B424	883	GEO_Eqn_6.12b_nls07	4444.52	5.0	47.0	-1.0	-22.0	1.0	-65.0
B424	883	GEO_Eqn_6.12b_nls07	4938.36	5.0	53.0	-1.0	-22.0	2.0	-90.0
B424	883	GEO_Eqn_6.12b_nls07	5432.19	5.0	59.0	-1.0	-22.0	2.0	-117.0
B424	883	GEO_Eqn_6.12b_nls08	0	-12.0	-43.0	-1.0	-19.0	-2.0	-48.0
B424	883	GEO_Eqn_6.12b_nls08	493.84	-12.0	-37.0	-1.0	-19.0	-2.0	-28.0
B424	883	GEO_Eqn_6.12b_nls08	987.67	-12.0	-31.0	-1.0	-19.0	-1.0	-12.0
B424	883	GEO_Eqn_6.12b_nls08	1481.51	-12.0	-24.0	-1.0	-19.0	-1.0	2.0
B424	883	GEO_Eqn_6.12b_nls08	1975.34	-12.0	-18.0	-1.0	-19.0	-1.0	13.0
B424	883	GEO_Eqn_6.12b_nls08	2469.18	-12.0	-12.0	-1.0	-19.0	-0.2	20.0
B424	883	GEO_Eqn_6.12b_nls08	2963.02	-12.0	-6.0	-1.0	-19.0	0.2	24.0
B424	883	GEO_Eqn_6.12b_nls08	3456.85	-12.0	1.0	-1.0	-19.0	1.0	25.0
B424	883	GEO_Eqn_6.12b_nls08	3950.69	-12.0	7.0	-1.0	-19.0	1.0	23.0
B424	883	GEO_Eqn_6.12b_nls08	4444.52	-12.0	13.0	-1.0	-19.0	1.0	18.0
B424	883	GEO_Eqn_6.12b_nls08	4938.36	-12.0	20.0	-1.0	-19.0	2.0	10.0
B424	883	GEO_Eqn_6.12b_nls08	5432.19	-12.0	26.0	-1.0	-19.0	2.0	-1.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B424	883	GEO_Eqn_6.12b_nls09	0	33.0	-9.0	0.2	0.5	1.0	13.0
B424	883	GEO_Eqn_6.12b_nls09	493.84	33.0	-3.0	0.2	0.5	0.4	16.0
B424	883	GEO_Eqn_6.12b_nls09	987.67	33.0	4.0	0.2	0.5	0.3	16.0
B424	883	GEO_Eqn_6.12b_nls09	1481.51	33.0	10.0	0.2	0.5	0.2	13.0
B424	883	GEO_Eqn_6.12b_nls09	1975.34	33.0	16.0	0.2	0.5	0.1	6.0
B424	883	GEO_Eqn_6.12b_nls09	2469.18	33.0	23.0	0.2	0.5	0.0	-3.0
B424	883	GEO_Eqn_6.12b_nls09	2963.02	33.0	29.0	0.2	0.5	-0.1	-16.0
B424	883	GEO_Eqn_6.12b_nls09	3456.85	33.0	35.0	0.2	0.5	-0.2	-32.0
B424	883	GEO_Eqn_6.12b_nls09	3950.69	33.0	41.0	0.2	0.5	-0.3	-51.0
B424	883	GEO_Eqn_6.12b_nls09	4444.52	33.0	48.0	0.2	0.5	-0.4	-73.0
B424	883	GEO_Eqn_6.12b_nls09	4938.36	33.0	54.0	0.2	0.5	-0.4	-98.0
B424	883	GEO_Eqn_6.12b_nls09	5432.19	33.0	60.0	0.2	0.5	-1.0	-126.0
B424	883	GEO_Eqn_6.12b_nls10	0	31.0	13.0	-0.2	-11.0	-1.0	59.0
B424	883	GEO_Eqn_6.12b_nls10	493.84	31.0	19.0	-0.2	-11.0	-0.5	51.0
B424	883	GEO_Eqn_6.12b_nls10	987.67	31.0	26.0	-0.2	-11.0	-0.4	40.0
B424	883	GEO_Eqn_6.12b_nls10	1481.51	31.0	32.0	-0.2	-11.0	-0.3	26.0
B424	883	GEO_Eqn_6.12b_nls10	1975.34	31.0	38.0	-0.2	-11.0	-0.2	8.0
B424	883	GEO_Eqn_6.12b_nls10	2469.18	31.0	44.0	-0.2	-11.0	-0.1	-12.0
B424	883	GEO_Eqn_6.12b_nls10	2963.02	31.0	51.0	-0.2	-11.0	0.0	-35.0
B424	883	GEO_Eqn_6.12b_nls10	3456.85	31.0	57.0	-0.2	-11.0	0.1	-62.0
B424	883	GEO_Eqn_6.12b_nls10	3950.69	31.0	63.0	-0.2	-11.0	0.2	-92.0
B424	883	GEO_Eqn_6.12b_nls10	4444.52	31.0	70.0	-0.2	-11.0	0.3	-125.0
B424	883	GEO_Eqn_6.12b_nls10	4938.36	31.0	76.0	-0.2	-11.0	0.5	-161.0
B424	883	GEO_Eqn_6.12b_nls10	5432.19	31.0	82.0	-0.2	-11.0	1.0	-200.0
B424	883	GEO_Eqn_6.12b_nls11	0	-31.0	-130.0	0.2	10.0	1.0	-224.0
B424	883	GEO_Eqn_6.12b_nls11	493.84	-31.0	-124.0	0.2	10.0	0.5	-162.0
B424	883	GEO_Eqn_6.12b_nls11	987.67	-31.0	-117.0	0.2	10.0	0.4	-102.0
B424	883	GEO_Eqn_6.12b_nls11	1481.51	-31.0	-111.0	0.2	10.0	0.3	-46.0
B424	883	GEO_Eqn_6.12b_nls11	1975.34	-31.0	-105.0	0.2	10.0	0.2	8.0
B424	883	GEO_Eqn_6.12b_nls11	2469.18	-31.0	-98.0	0.2	10.0	0.1	58.0
B424	883	GEO_Eqn_6.12b_nls11	2963.02	-31.0	-92.0	0.2	10.0	0.0	105.0
B424	883	GEO_Eqn_6.12b_nls11	3456.85	-31.0	-86.0	0.2	10.0	-0.1	149.0
B424	883	GEO_Eqn_6.12b_nls11	3950.69	-31.0	-80.0	0.2	10.0	-0.2	190.0
B424	883	GEO_Eqn_6.12b_nls11	4444.52	-31.0	-73.0	0.2	10.0	-0.3	227.0
B424	883	GEO_Eqn_6.12b_nls11	4938.36	-31.0	-67.0	0.2	10.0	-0.4	262.0
B424	883	GEO_Eqn_6.12b_nls11	5432.19	-31.0	-61.0	0.2	10.0	-1.0	293.0
B424	883	GEO_Eqn_6.12b_nls12	0	-32.0	-110.0	-0.2	-1.0	-1.0	-183.0
B424	883	GEO_Eqn_6.12b_nls12	493.84	-32.0	-104.0	-0.2	-1.0	-0.4	-130.0
B424	883	GEO_Eqn_6.12b_nls12	987.67	-32.0	-97.0	-0.2	-1.0	-0.3	-80.0
B424	883	GEO_Eqn_6.12b_nls12	1481.51	-32.0	-91.0	-0.2	-1.0	-0.2	-34.0
B424	883	GEO_Eqn_6.12b_nls12	1975.34	-32.0	-85.0	-0.2	-1.0	-0.1	10.0
B424	883	GEO_Eqn_6.12b_nls12	2469.18	-32.0	-79.0	-0.2	-1.0	0.0	50.0
B424	883	GEO_Eqn_6.12b_nls12	2963.02	-32.0	-72.0	-0.2	-1.0	0.1	87.0
B424	883	GEO_Eqn_6.12b_nls12	3456.85	-32.0	-66.0	-0.2	-1.0	0.2	122.0
B424	883	GEO_Eqn_6.12b_nls12	3950.69	-32.0	-60.0	-0.2	-1.0	0.3	153.0
B424	883	GEO_Eqn_6.12b_nls12	4444.52	-32.0	-53.0	-0.2	-1.0	0.4	180.0
B424	883	GEO_Eqn_6.12b_nls12	4938.36	-32.0	-47.0	-0.2	-1.0	0.5	205.0
B424	883	GEO_Eqn_6.12b_nls12	5432.19	-32.0	-41.0	-0.2	-1.0	1.0	227.0
B424	883	GEO_Eqn_6.12b_nls13	0	24.0	-22.0	0.1	-0.4	0.3	-11.0
B424	883	GEO_Eqn_6.12b_nls13	493.84	24.0	-16.0	0.1	-0.4	0.2	-2.0
B424	883	GEO_Eqn_6.12b_nls13	987.67	24.0	-9.0	0.1	-0.4	0.2	4.0
B424	883	GEO_Eqn_6.12b_nls13	1481.51	24.0	-3.0	0.1	-0.4	0.1	7.0
B424	883	GEO_Eqn_6.12b_nls13	1975.34	24.0	3.0	0.1	-0.4	0.1	7.0
B424	883	GEO_Eqn_6.12b_nls13	2469.18	24.0	10.0	0.1	-0.4	0.0	4.0
B424	883	GEO_Eqn_6.12b_nls13	2963.02	24.0	16.0	0.1	-0.4	0.0	-2.0
B424	883	GEO_Eqn_6.12b_nls13	3456.85	24.0	22.0	0.1	-0.4	-0.1	-11.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B424	883	GEO_Eqn_6.12b_nls13	3950.69	24.0	28.0	0.1	-0.4	-0.1	-24.0
B424	883	GEO_Eqn_6.12b_nls13	4444.52	24.0	35.0	0.1	-0.4	-0.2	-40.0
B424	883	GEO_Eqn_6.12b_nls13	4938.36	24.0	41.0	0.1	-0.4	-0.2	-58.0
B424	883	GEO_Eqn_6.12b_nls13	5432.19	24.0	47.0	0.1	-0.4	-0.2	-80.0
B424	883	GEO_Eqn_6.12b_nls14	0	23.0	-1.0	-0.3	-11.0	-1.0	33.0
B424	883	GEO_Eqn_6.12b_nls14	493.84	23.0	6.0	-0.3	-11.0	-1.0	32.0
B424	883	GEO_Eqn_6.12b_nls14	987.67	23.0	12.0	-0.3	-11.0	-1.0	27.0
B424	883	GEO_Eqn_6.12b_nls14	1481.51	23.0	18.0	-0.3	-11.0	-0.4	20.0
B424	883	GEO_Eqn_6.12b_nls14	1975.34	23.0	24.0	-0.3	-11.0	-0.2	10.0
B424	883	GEO_Eqn_6.12b_nls14	2469.18	23.0	31.0	-0.3	-11.0	-0.1	-4.0
B424	883	GEO_Eqn_6.12b_nls14	2963.02	23.0	37.0	-0.3	-11.0	0.1	-21.0
B424	883	GEO_Eqn_6.12b_nls14	3456.85	23.0	43.0	-0.3	-11.0	0.2	-41.0
B424	883	GEO_Eqn_6.12b_nls14	3950.69	23.0	50.0	-0.3	-11.0	0.4	-64.0
B424	883	GEO_Eqn_6.12b_nls14	4444.52	23.0	56.0	-0.3	-11.0	1.0	-90.0
B424	883	GEO_Eqn_6.12b_nls14	4938.36	23.0	62.0	-0.3	-11.0	1.0	-119.0
B424	883	GEO_Eqn_6.12b_nls14	5432.19	23.0	69.0	-0.3	-11.0	1.0	-151.0
B424	883	GEO_Eqn_6.12b_nls15	0	-22.0	-119.0	0.3	10.0	1.0	-204.0
B424	883	GEO_Eqn_6.12b_nls15	493.84	-22.0	-113.0	0.3	10.0	1.0	-146.0
B424	883	GEO_Eqn_6.12b_nls15	987.67	-22.0	-107.0	0.3	10.0	1.0	-92.0
B424	883	GEO_Eqn_6.12b_nls15	1481.51	-22.0	-101.0	0.3	10.0	0.4	-41.0
B424	883	GEO_Eqn_6.12b_nls15	1975.34	-22.0	-94.0	0.3	10.0	0.2	7.0
B424	883	GEO_Eqn_6.12b_nls15	2469.18	-22.0	-88.0	0.3	10.0	0.1	52.0
B424	883	GEO_Eqn_6.12b_nls15	2963.02	-22.0	-82.0	0.3	10.0	-0.1	94.0
B424	883	GEO_Eqn_6.12b_nls15	3456.85	-22.0	-75.0	0.3	10.0	-0.2	133.0
B424	883	GEO_Eqn_6.12b_nls15	3950.69	-22.0	-69.0	0.3	10.0	-0.4	169.0
B424	883	GEO_Eqn_6.12b_nls15	4444.52	-22.0	-63.0	0.3	10.0	-1.0	201.0
B424	883	GEO_Eqn_6.12b_nls15	4938.36	-22.0	-57.0	0.3	10.0	-1.0	231.0
B424	883	GEO_Eqn_6.12b_nls15	5432.19	-22.0	-50.0	0.3	10.0	-1.0	257.0
B424	883	GEO_Eqn_6.12b_nls16	0	-23.0	-99.0	-0.1	-2.0	-0.3	-160.0
B424	883	GEO_Eqn_6.12b_nls16	493.84	-23.0	-92.0	-0.1	-2.0	-0.2	-113.0
B424	883	GEO_Eqn_6.12b_nls16	987.67	-23.0	-86.0	-0.1	-2.0	-0.2	-69.0
B424	883	GEO_Eqn_6.12b_nls16	1481.51	-23.0	-80.0	-0.1	-2.0	-0.1	-28.0
B424	883	GEO_Eqn_6.12b_nls16	1975.34	-23.0	-74.0	-0.1	-2.0	-0.1	10.0
B424	883	GEO_Eqn_6.12b_nls16	2469.18	-23.0	-67.0	-0.1	-2.0	0.0	45.0
B424	883	GEO_Eqn_6.12b_nls16	2963.02	-23.0	-61.0	-0.1	-2.0	0.0	76.0
B424	883	GEO_Eqn_6.12b_nls16	3456.85	-23.0	-55.0	-0.1	-2.0	0.1	105.0
B424	883	GEO_Eqn_6.12b_nls16	3950.69	-23.0	-48.0	-0.1	-2.0	0.1	130.0
B424	883	GEO_Eqn_6.12b_nls16	4444.52	-23.0	-42.0	-0.1	-2.0	0.2	153.0
B424	883	GEO_Eqn_6.12b_nls16	4938.36	-23.0	-36.0	-0.1	-2.0	0.2	172.0
B424	883	GEO_Eqn_6.12b_nls16	5432.19	-23.0	-29.0	-0.1	-2.0	0.3	188.0
B425	900	GEO_Eqn_6.12b_nls01	0	0.0	-50.0	0.0	19.0	0.0	-65.0
B425	900	GEO_Eqn_6.12b_nls01	469.16	0.0	-43.0	0.0	19.0	0.0	-43.0
B425	900	GEO_Eqn_6.12b_nls01	938.32	0.0	-36.0	0.0	19.0	0.0	-24.0
B425	900	GEO_Eqn_6.12b_nls01	1407.48	0.0	-29.0	0.0	19.0	0.0	-9.0
B425	900	GEO_Eqn_6.12b_nls01	1876.64	0.0	-22.0	0.0	19.0	0.0	3.0
B425	900	GEO_Eqn_6.12b_nls01	2345.79	0.0	-15.0	0.0	19.0	0.0	12.0
B425	900	GEO_Eqn_6.12b_nls01	2814.95	0.0	-8.0	0.0	19.0	0.0	18.0
B425	900	GEO_Eqn_6.12b_nls01	3284.11	0.0	-1.0	0.0	19.0	0.0	20.0
B425	900	GEO_Eqn_6.12b_nls01	3753.27	0.0	6.0	0.0	19.0	0.0	19.0
B425	900	GEO_Eqn_6.12b_nls01	4222.43	0.0	13.0	0.0	19.0	0.0	15.0
B425	900	GEO_Eqn_6.12b_nls01	4691.59	0.0	20.0	0.0	19.0	0.0	7.0
B425	900	GEO_Eqn_6.12b_nls01	5160.75	0.0	27.0	0.0	19.0	0.0	-4.0
B425	900	GEO_Eqn_6.12b_nls01	5629.91	0.0	33.0	0.0	19.0	0.0	-18.0
B425	900	GEO_Eqn_6.12b_nls01	6099.06	0.0	40.0	0.0	19.0	0.0	-35.0
B425	900	GEO_Eqn_6.12b_nls01	6568.22	0.0	47.0	0.0	19.0	0.0	-56.0
B425	900	GEO_Eqn_6.12b_nls02	0	0.0	-47.0	0.0	19.0	0.0	-51.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B425	900	GEO_Eqn_6.12b_nls02	469.16	0.0	-40.0	0.0	19.0	0.0	-30.0
B425	900	GEO_Eqn_6.12b_nls02	938.32	0.0	-33.0	0.0	19.0	0.0	-13.0
B425	900	GEO_Eqn_6.12b_nls02	1407.48	0.0	-26.0	0.0	19.0	0.0	1.0
B425	900	GEO_Eqn_6.12b_nls02	1876.64	0.0	-19.0	0.0	19.0	0.0	11.0
B425	900	GEO_Eqn_6.12b_nls02	2345.79	0.0	-12.0	0.0	19.0	0.0	19.0
B425	900	GEO_Eqn_6.12b_nls02	2814.95	0.0	-5.0	0.0	19.0	0.0	23.0
B425	900	GEO_Eqn_6.12b_nls02	3284.11	0.0	2.0	0.0	19.0	0.0	24.0
B425	900	GEO_Eqn_6.12b_nls02	3753.27	0.0	9.0	0.0	19.0	0.0	21.0
B425	900	GEO_Eqn_6.12b_nls02	4222.43	0.0	16.0	0.0	19.0	0.0	15.0
B425	900	GEO_Eqn_6.12b_nls02	4691.59	0.0	23.0	0.0	19.0	0.0	6.0
B425	900	GEO_Eqn_6.12b_nls02	5160.75	0.0	30.0	0.0	19.0	0.0	-6.0
B425	900	GEO_Eqn_6.12b_nls02	5629.91	0.0	37.0	0.0	19.0	0.0	-21.0
B425	900	GEO_Eqn_6.12b_nls02	6099.06	0.0	44.0	0.0	19.0	0.0	-40.0
B425	900	GEO_Eqn_6.12b_nls02	6568.22	0.0	51.0	0.0	19.0	0.0	-62.0
B425	900	GEO_Eqn_6.12b_nls03	0	0.0	-45.0	0.0	-4.0	0.0	-41.0
B425	900	GEO_Eqn_6.12b_nls03	469.16	0.0	-38.0	0.0	-4.0	0.0	-21.0
B425	900	GEO_Eqn_6.12b_nls03	938.32	0.0	-31.0	0.0	-4.0	0.0	-5.0
B425	900	GEO_Eqn_6.12b_nls03	1407.48	0.0	-24.0	0.0	-4.0	0.0	8.0
B425	900	GEO_Eqn_6.12b_nls03	1876.64	0.0	-17.0	0.0	-4.0	0.0	17.0
B425	900	GEO_Eqn_6.12b_nls03	2345.79	0.0	-10.0	0.0	-4.0	0.0	24.0
B425	900	GEO_Eqn_6.12b_nls03	2814.95	0.0	-3.0	0.0	-4.0	0.0	27.0
B425	900	GEO_Eqn_6.12b_nls03	3284.11	0.0	4.0	0.0	-4.0	0.0	27.0
B425	900	GEO_Eqn_6.12b_nls03	3753.27	0.0	11.0	0.0	-4.0	0.0	23.0
B425	900	GEO_Eqn_6.12b_nls03	4222.43	0.0	18.0	0.0	-4.0	0.0	16.0
B425	900	GEO_Eqn_6.12b_nls03	4691.59	0.0	25.0	0.0	-4.0	0.0	6.0
B425	900	GEO_Eqn_6.12b_nls03	5160.75	0.0	32.0	0.0	-4.0	0.0	-7.0
B425	900	GEO_Eqn_6.12b_nls03	5629.91	0.0	39.0	0.0	-4.0	0.0	-23.0
B425	900	GEO_Eqn_6.12b_nls03	6099.06	0.0	46.0	0.0	-4.0	0.0	-43.0
B425	900	GEO_Eqn_6.12b_nls03	6568.22	0.0	53.0	0.0	-4.0	0.0	-66.0
B425	900	GEO_Eqn_6.12b_nls04	0	0.0	-39.0	0.0	-3.0	0.0	-14.0
B425	900	GEO_Eqn_6.12b_nls04	469.16	0.0	-32.0	0.0	-3.0	0.0	2.0
B425	900	GEO_Eqn_6.12b_nls04	938.32	0.0	-25.0	0.0	-3.0	0.0	16.0
B425	900	GEO_Eqn_6.12b_nls04	1407.48	0.0	-18.0	0.0	-3.0	0.0	26.0
B425	900	GEO_Eqn_6.12b_nls04	1876.64	0.0	-11.0	0.0	-3.0	0.0	33.0
B425	900	GEO_Eqn_6.12b_nls04	2345.79	0.0	-4.0	0.0	-3.0	0.0	36.0
B425	900	GEO_Eqn_6.12b_nls04	2814.95	0.0	3.0	0.0	-3.0	0.0	37.0
B425	900	GEO_Eqn_6.12b_nls04	3284.11	0.0	10.0	0.0	-3.0	0.0	34.0
B425	900	GEO_Eqn_6.12b_nls04	3753.27	0.0	17.0	0.0	-3.0	0.0	27.0
B425	900	GEO_Eqn_6.12b_nls04	4222.43	0.0	24.0	0.0	-3.0	0.0	18.0
B425	900	GEO_Eqn_6.12b_nls04	4691.59	0.0	31.0	0.0	-3.0	0.0	5.0
B425	900	GEO_Eqn_6.12b_nls04	5160.75	0.0	38.0	0.0	-3.0	0.0	-11.0
B425	900	GEO_Eqn_6.12b_nls04	5629.91	0.0	45.0	0.0	-3.0	0.0	-30.0
B425	900	GEO_Eqn_6.12b_nls04	6099.06	0.0	52.0	0.0	-3.0	0.0	-53.0
B425	900	GEO_Eqn_6.12b_nls04	6568.22	0.0	59.0	0.0	-3.0	0.0	-79.0
B425	900	GEO_Eqn_6.12b_nls05	0	0.0	-49.0	0.0	19.0	0.0	-61.0
B425	900	GEO_Eqn_6.12b_nls05	469.16	0.0	-42.0	0.0	19.0	0.0	-39.0
B425	900	GEO_Eqn_6.12b_nls05	938.32	0.0	-35.0	0.0	19.0	0.0	-21.0
B425	900	GEO_Eqn_6.12b_nls05	1407.48	0.0	-28.0	0.0	19.0	0.0	-6.0
B425	900	GEO_Eqn_6.12b_nls05	1876.64	0.0	-21.0	0.0	19.0	0.0	6.0
B425	900	GEO_Eqn_6.12b_nls05	2345.79	0.0	-14.0	0.0	19.0	0.0	14.0
B425	900	GEO_Eqn_6.12b_nls05	2814.95	0.0	-7.0	0.0	19.0	0.0	19.0
B425	900	GEO_Eqn_6.12b_nls05	3284.11	0.0	-0.5	0.0	19.0	0.0	21.0
B425	900	GEO_Eqn_6.12b_nls05	3753.27	0.0	6.0	0.0	19.0	0.0	20.0
B425	900	GEO_Eqn_6.12b_nls05	4222.43	0.0	13.0	0.0	19.0	0.0	15.0
B425	900	GEO_Eqn_6.12b_nls05	4691.59	0.0	20.0	0.0	19.0	0.0	7.0
B425	900	GEO_Eqn_6.12b_nls05	5160.75	0.0	27.0	0.0	19.0	0.0	-4.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B425	900	GEO_Eqn_6.12b_nls05	5629.91	0.0	34.0	0.0	19.0	0.0	-19.0
B425	900	GEO_Eqn_6.12b_nls05	6099.06	0.0	41.0	0.0	19.0	0.0	-37.0
B425	900	GEO_Eqn_6.12b_nls05	6568.22	0.0	48.0	0.0	19.0	0.0	-58.0
B425	900	GEO_Eqn_6.12b_nls06	0	0.0	-43.0	0.0	20.0	0.0	-34.0
B425	900	GEO_Eqn_6.12b_nls06	469.16	0.0	-36.0	0.0	20.0	0.0	-16.0
B425	900	GEO_Eqn_6.12b_nls06	938.32	0.0	-29.0	0.0	20.0	0.0	-0.2
B425	900	GEO_Eqn_6.12b_nls06	1407.48	0.0	-22.0	0.0	20.0	0.0	12.0
B425	900	GEO_Eqn_6.12b_nls06	1876.64	0.0	-15.0	0.0	20.0	0.0	21.0
B425	900	GEO_Eqn_6.12b_nls06	2345.79	0.0	-8.0	0.0	20.0	0.0	26.0
B425	900	GEO_Eqn_6.12b_nls06	2814.95	0.0	-1.0	0.0	20.0	0.0	29.0
B425	900	GEO_Eqn_6.12b_nls06	3284.11	0.0	6.0	0.0	20.0	0.0	28.0
B425	900	GEO_Eqn_6.12b_nls06	3753.27	0.0	13.0	0.0	20.0	0.0	24.0
B425	900	GEO_Eqn_6.12b_nls06	4222.43	0.0	19.0	0.0	20.0	0.0	16.0
B425	900	GEO_Eqn_6.12b_nls06	4691.59	0.0	26.0	0.0	20.0	0.0	5.0
B425	900	GEO_Eqn_6.12b_nls06	5160.75	0.0	33.0	0.0	20.0	0.0	-9.0
B425	900	GEO_Eqn_6.12b_nls06	5629.91	0.0	40.0	0.0	20.0	0.0	-26.0
B425	900	GEO_Eqn_6.12b_nls06	6099.06	0.0	47.0	0.0	20.0	0.0	-47.0
B425	900	GEO_Eqn_6.12b_nls06	6568.22	0.0	54.0	0.0	20.0	0.0	-71.0
B425	900	GEO_Eqn_6.12b_nls07	0	0.0	-46.0	0.0	-4.0	0.0	-45.0
B425	900	GEO_Eqn_6.12b_nls07	469.16	0.0	-39.0	0.0	-4.0	0.0	-25.0
B425	900	GEO_Eqn_6.12b_nls07	938.32	0.0	-32.0	0.0	-4.0	0.0	-9.0
B425	900	GEO_Eqn_6.12b_nls07	1407.48	0.0	-25.0	0.0	-4.0	0.0	5.0
B425	900	GEO_Eqn_6.12b_nls07	1876.64	0.0	-18.0	0.0	-4.0	0.0	15.0
B425	900	GEO_Eqn_6.12b_nls07	2345.79	0.0	-11.0	0.0	-4.0	0.0	22.0
B425	900	GEO_Eqn_6.12b_nls07	2814.95	0.0	-4.0	0.0	-4.0	0.0	25.0
B425	900	GEO_Eqn_6.12b_nls07	3284.11	0.0	3.0	0.0	-4.0	0.0	26.0
B425	900	GEO_Eqn_6.12b_nls07	3753.27	0.0	10.0	0.0	-4.0	0.0	23.0
B425	900	GEO_Eqn_6.12b_nls07	4222.43	0.0	17.0	0.0	-4.0	0.0	16.0
B425	900	GEO_Eqn_6.12b_nls07	4691.59	0.0	24.0	0.0	-4.0	0.0	7.0
B425	900	GEO_Eqn_6.12b_nls07	5160.75	0.0	31.0	0.0	-4.0	0.0	-6.0
B425	900	GEO_Eqn_6.12b_nls07	5629.91	0.0	38.0	0.0	-4.0	0.0	-22.0
B425	900	GEO_Eqn_6.12b_nls07	6099.06	0.0	45.0	0.0	-4.0	0.0	-41.0
B425	900	GEO_Eqn_6.12b_nls07	6568.22	0.0	52.0	0.0	-4.0	0.0	-64.0
B425	900	GEO_Eqn_6.12b_nls08	0	0.0	-40.0	0.0	-3.0	0.0	-19.0
B425	900	GEO_Eqn_6.12b_nls08	469.16	0.0	-33.0	0.0	-3.0	0.0	-1.0
B425	900	GEO_Eqn_6.12b_nls08	938.32	0.0	-26.0	0.0	-3.0	0.0	12.0
B425	900	GEO_Eqn_6.12b_nls08	1407.48	0.0	-19.0	0.0	-3.0	0.0	23.0
B425	900	GEO_Eqn_6.12b_nls08	1876.64	0.0	-12.0	0.0	-3.0	0.0	30.0
B425	900	GEO_Eqn_6.12b_nls08	2345.79	0.0	-5.0	0.0	-3.0	0.0	34.0
B425	900	GEO_Eqn_6.12b_nls08	2814.95	0.0	2.0	0.0	-3.0	0.0	35.0
B425	900	GEO_Eqn_6.12b_nls08	3284.11	0.0	9.0	0.0	-3.0	0.0	33.0
B425	900	GEO_Eqn_6.12b_nls08	3753.27	0.0	16.0	0.0	-3.0	0.0	27.0
B425	900	GEO_Eqn_6.12b_nls08	4222.43	0.0	23.0	0.0	-3.0	0.0	18.0
B425	900	GEO_Eqn_6.12b_nls08	4691.59	0.0	30.0	0.0	-3.0	0.0	5.0
B425	900	GEO_Eqn_6.12b_nls08	5160.75	0.0	37.0	0.0	-3.0	0.0	-10.0
B425	900	GEO_Eqn_6.12b_nls08	5629.91	0.0	44.0	0.0	-3.0	0.0	-29.0
B425	900	GEO_Eqn_6.12b_nls08	6099.06	0.0	51.0	0.0	-3.0	0.0	-51.0
B425	900	GEO_Eqn_6.12b_nls08	6568.22	0.0	58.0	0.0	-3.0	0.0	-77.0
B425	900	GEO_Eqn_6.12b_nls09	0	0.0	-55.0	0.0	9.0	0.0	-85.0
B425	900	GEO_Eqn_6.12b_nls09	469.16	0.0	-48.0	0.0	9.0	0.0	-61.0
B425	900	GEO_Eqn_6.12b_nls09	938.32	0.0	-41.0	0.0	9.0	0.0	-40.0
B425	900	GEO_Eqn_6.12b_nls09	1407.48	0.0	-34.0	0.0	9.0	0.0	-22.0
B425	900	GEO_Eqn_6.12b_nls09	1876.64	0.0	-27.0	0.0	9.0	0.0	-8.0
B425	900	GEO_Eqn_6.12b_nls09	2345.79	0.0	-20.0	0.0	9.0	0.0	3.0
B425	900	GEO_Eqn_6.12b_nls09	2814.95	0.0	-13.0	0.0	9.0	0.0	11.0
B425	900	GEO_Eqn_6.12b_nls09	3284.11	0.0	-6.0	0.0	9.0	0.0	15.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B425	900	GEO_Eqn_6.12b_nls09	3753.27	0.0	1.0	0.0	9.0	0.0	16.0
B425	900	GEO_Eqn_6.12b_nls09	4222.43	0.0	8.0	0.0	9.0	0.0	14.0
B425	900	GEO_Eqn_6.12b_nls09	4691.59	0.0	15.0	0.0	9.0	0.0	9.0
B425	900	GEO_Eqn_6.12b_nls09	5160.75	0.0	22.0	0.0	9.0	0.0	0.1
B425	900	GEO_Eqn_6.12b_nls09	5629.91	0.0	29.0	0.0	9.0	0.0	-12.0
B425	900	GEO_Eqn_6.12b_nls09	6099.06	0.0	36.0	0.0	9.0	0.0	-27.0
B425	900	GEO_Eqn_6.12b_nls09	6568.22	0.0	43.0	0.0	9.0	0.0	-46.0
B425	900	GEO_Eqn_6.12b_nls10	0	0.0	-54.0	0.0	2.0	0.0	-81.0
B425	900	GEO_Eqn_6.12b_nls10	469.16	0.0	-47.0	0.0	2.0	0.0	-57.0
B425	900	GEO_Eqn_6.12b_nls10	938.32	0.0	-40.0	0.0	2.0	0.0	-37.0
B425	900	GEO_Eqn_6.12b_nls10	1407.48	0.0	-33.0	0.0	2.0	0.0	-19.0
B425	900	GEO_Eqn_6.12b_nls10	1876.64	0.0	-26.0	0.0	2.0	0.0	-6.0
B425	900	GEO_Eqn_6.12b_nls10	2345.79	0.0	-19.0	0.0	2.0	0.0	5.0
B425	900	GEO_Eqn_6.12b_nls10	2814.95	0.0	-12.0	0.0	2.0	0.0	12.0
B425	900	GEO_Eqn_6.12b_nls10	3284.11	0.0	-5.0	0.0	2.0	0.0	16.0
B425	900	GEO_Eqn_6.12b_nls10	3753.27	0.0	2.0	0.0	2.0	0.0	17.0
B425	900	GEO_Eqn_6.12b_nls10	4222.43	0.0	9.0	0.0	2.0	0.0	14.0
B425	900	GEO_Eqn_6.12b_nls10	4691.59	0.0	16.0	0.0	2.0	0.0	9.0
B425	900	GEO_Eqn_6.12b_nls10	5160.75	0.0	23.0	0.0	2.0	0.0	-0.4
B425	900	GEO_Eqn_6.12b_nls10	5629.91	0.0	30.0	0.0	2.0	0.0	-13.0
B425	900	GEO_Eqn_6.12b_nls10	6099.06	0.0	37.0	0.0	2.0	0.0	-28.0
B425	900	GEO_Eqn_6.12b_nls10	6568.22	0.0	44.0	0.0	2.0	0.0	-47.0
B425	900	GEO_Eqn_6.12b_nls11	0	0.0	-36.0	0.0	12.0	0.0	-3.0
B425	900	GEO_Eqn_6.12b_nls11	469.16	0.0	-29.0	0.0	12.0	0.0	13.0
B425	900	GEO_Eqn_6.12b_nls11	938.32	0.0	-22.0	0.0	12.0	0.0	25.0
B425	900	GEO_Eqn_6.12b_nls11	1407.48	0.0	-15.0	0.0	12.0	0.0	34.0
B425	900	GEO_Eqn_6.12b_nls11	1876.64	0.0	-8.0	0.0	12.0	0.0	39.0
B425	900	GEO_Eqn_6.12b_nls11	2345.79	0.0	-1.0	0.0	12.0	0.0	42.0
B425	900	GEO_Eqn_6.12b_nls11	2814.95	0.0	6.0	0.0	12.0	0.0	41.0
B425	900	GEO_Eqn_6.12b_nls11	3284.11	0.0	13.0	0.0	12.0	0.0	36.0
B425	900	GEO_Eqn_6.12b_nls11	3753.27	0.0	20.0	0.0	12.0	0.0	29.0
B425	900	GEO_Eqn_6.12b_nls11	4222.43	0.0	27.0	0.0	12.0	0.0	18.0
B425	900	GEO_Eqn_6.12b_nls11	4691.59	0.0	33.0	0.0	12.0	0.0	4.0
B425	900	GEO_Eqn_6.12b_nls11	5160.75	0.0	40.0	0.0	12.0	0.0	-13.0
B425	900	GEO_Eqn_6.12b_nls11	5629.91	0.0	47.0	0.0	12.0	0.0	-34.0
B425	900	GEO_Eqn_6.12b_nls11	6099.06	0.0	54.0	0.0	12.0	0.0	-58.0
B425	900	GEO_Eqn_6.12b_nls11	6568.22	0.0	61.0	0.0	12.0	0.0	-85.0
B425	900	GEO_Eqn_6.12b_nls12	0	0.0	-35.0	0.0	5.0	0.0	4.0
B425	900	GEO_Eqn_6.12b_nls12	469.16	0.0	-28.0	0.0	5.0	0.0	18.0
B425	900	GEO_Eqn_6.12b_nls12	938.32	0.0	-21.0	0.0	5.0	0.0	30.0
B425	900	GEO_Eqn_6.12b_nls12	1407.48	0.0	-14.0	0.0	5.0	0.0	38.0
B425	900	GEO_Eqn_6.12b_nls12	1876.64	0.0	-7.0	0.0	5.0	0.0	43.0
B425	900	GEO_Eqn_6.12b_nls12	2345.79	0.0	-0.1	0.0	5.0	0.0	45.0
B425	900	GEO_Eqn_6.12b_nls12	2814.95	0.0	7.0	0.0	5.0	0.0	43.0
B425	900	GEO_Eqn_6.12b_nls12	3284.11	0.0	14.0	0.0	5.0	0.0	38.0
B425	900	GEO_Eqn_6.12b_nls12	3753.27	0.0	21.0	0.0	5.0	0.0	30.0
B425	900	GEO_Eqn_6.12b_nls12	4222.43	0.0	28.0	0.0	5.0	0.0	19.0
B425	900	GEO_Eqn_6.12b_nls12	4691.59	0.0	35.0	0.0	5.0	0.0	4.0
B425	900	GEO_Eqn_6.12b_nls12	5160.75	0.0	42.0	0.0	5.0	0.0	-14.0
B425	900	GEO_Eqn_6.12b_nls12	5629.91	0.0	49.0	0.0	5.0	0.0	-35.0
B425	900	GEO_Eqn_6.12b_nls12	6099.06	0.0	56.0	0.0	5.0	0.0	-60.0
B425	900	GEO_Eqn_6.12b_nls12	6568.22	0.0	63.0	0.0	5.0	0.0	-88.0
B425	900	GEO_Eqn_6.12b_nls13	0	0.0	-58.0	0.0	8.0	0.0	-97.0
B425	900	GEO_Eqn_6.12b_nls13	469.16	0.0	-51.0	0.0	8.0	0.0	-72.0
B425	900	GEO_Eqn_6.12b_nls13	938.32	0.0	-44.0	0.0	8.0	0.0	-50.0
B425	900	GEO_Eqn_6.12b_nls13	1407.48	0.0	-37.0	0.0	8.0	0.0	-31.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B425	900	GEO_Eqn_6.12b_nls13	1876.64	0.0	-30.0	0.0	8.0	0.0	-15.0
B425	900	GEO_Eqn_6.12b_nls13	2345.79	0.0	-23.0	0.0	8.0	0.0	-3.0
B425	900	GEO_Eqn_6.12b_nls13	2814.95	0.0	-16.0	0.0	8.0	0.0	6.0
B425	900	GEO_Eqn_6.12b_nls13	3284.11	0.0	-9.0	0.0	8.0	0.0	12.0
B425	900	GEO_Eqn_6.12b_nls13	3753.27	0.0	-2.0	0.0	8.0	0.0	14.0
B425	900	GEO_Eqn_6.12b_nls13	4222.43	0.0	5.0	0.0	8.0	0.0	14.0
B425	900	GEO_Eqn_6.12b_nls13	4691.59	0.0	12.0	0.0	8.0	0.0	10.0
B425	900	GEO_Eqn_6.12b_nls13	5160.75	0.0	19.0	0.0	8.0	0.0	2.0
B425	900	GEO_Eqn_6.12b_nls13	5629.91	0.0	26.0	0.0	8.0	0.0	-8.0
B425	900	GEO_Eqn_6.12b_nls13	6099.06	0.0	33.0	0.0	8.0	0.0	-22.0
B425	900	GEO_Eqn_6.12b_nls13	6568.22	0.0	40.0	0.0	8.0	0.0	-39.0
B425	900	GEO_Eqn_6.12b_nls14	0	0.0	-57.0	0.0	3.0	0.0	-94.0
B425	900	GEO_Eqn_6.12b_nls14	469.16	0.0	-50.0	0.0	3.0	0.0	-68.0
B425	900	GEO_Eqn_6.12b_nls14	938.32	0.0	-43.0	0.0	3.0	0.0	-47.0
B425	900	GEO_Eqn_6.12b_nls14	1407.48	0.0	-36.0	0.0	3.0	0.0	-28.0
B425	900	GEO_Eqn_6.12b_nls14	1876.64	0.0	-29.0	0.0	3.0	0.0	-13.0
B425	900	GEO_Eqn_6.12b_nls14	2345.79	0.0	-22.0	0.0	3.0	0.0	-1.0
B425	900	GEO_Eqn_6.12b_nls14	2814.95	0.0	-15.0	0.0	3.0	0.0	8.0
B425	900	GEO_Eqn_6.12b_nls14	3284.11	0.0	-8.0	0.0	3.0	0.0	13.0
B425	900	GEO_Eqn_6.12b_nls14	3753.27	0.0	-1.0	0.0	3.0	0.0	15.0
B425	900	GEO_Eqn_6.12b_nls14	4222.43	0.0	6.0	0.0	3.0	0.0	14.0
B425	900	GEO_Eqn_6.12b_nls14	4691.59	0.0	13.0	0.0	3.0	0.0	10.0
B425	900	GEO_Eqn_6.12b_nls14	5160.75	0.0	20.0	0.0	3.0	0.0	2.0
B425	900	GEO_Eqn_6.12b_nls14	5629.91	0.0	27.0	0.0	3.0	0.0	-9.0
B425	900	GEO_Eqn_6.12b_nls14	6099.06	0.0	34.0	0.0	3.0	0.0	-23.0
B425	900	GEO_Eqn_6.12b_nls14	6568.22	0.0	41.0	0.0	3.0	0.0	-41.0
B425	900	GEO_Eqn_6.12b_nls15	0	0.0	-34.0	0.0	13.0	0.0	8.0
B425	900	GEO_Eqn_6.12b_nls15	469.16	0.0	-27.0	0.0	13.0	0.0	22.0
B425	900	GEO_Eqn_6.12b_nls15	938.32	0.0	-20.0	0.0	13.0	0.0	33.0
B425	900	GEO_Eqn_6.12b_nls15	1407.48	0.0	-13.0	0.0	13.0	0.0	41.0
B425	900	GEO_Eqn_6.12b_nls15	1876.64	0.0	-6.0	0.0	13.0	0.0	45.0
B425	900	GEO_Eqn_6.12b_nls15	2345.79	0.0	1.0	0.0	13.0	0.0	46.0
B425	900	GEO_Eqn_6.12b_nls15	2814.95	0.0	8.0	0.0	13.0	0.0	44.0
B425	900	GEO_Eqn_6.12b_nls15	3284.11	0.0	15.0	0.0	13.0	0.0	39.0
B425	900	GEO_Eqn_6.12b_nls15	3753.27	0.0	22.0	0.0	13.0	0.0	30.0
B425	900	GEO_Eqn_6.12b_nls15	4222.43	0.0	29.0	0.0	13.0	0.0	18.0
B425	900	GEO_Eqn_6.12b_nls15	4691.59	0.0	36.0	0.0	13.0	0.0	3.0
B425	900	GEO_Eqn_6.12b_nls15	5160.75	0.0	43.0	0.0	13.0	0.0	-15.0
B425	900	GEO_Eqn_6.12b_nls15	5629.91	0.0	50.0	0.0	13.0	0.0	-37.0
B425	900	GEO_Eqn_6.12b_nls15	6099.06	0.0	57.0	0.0	13.0	0.0	-62.0
B425	900	GEO_Eqn_6.12b_nls15	6568.22	0.0	64.0	0.0	13.0	0.0	-90.0
B425	900	GEO_Eqn_6.12b_nls16	0	0.0	-32.0	0.0	5.0	0.0	15.0
B425	900	GEO_Eqn_6.12b_nls16	469.16	0.0	-25.0	0.0	5.0	0.0	28.0
B425	900	GEO_Eqn_6.12b_nls16	938.32	0.0	-18.0	0.0	5.0	0.0	39.0
B425	900	GEO_Eqn_6.12b_nls16	1407.48	0.0	-11.0	0.0	5.0	0.0	46.0
B425	900	GEO_Eqn_6.12b_nls16	1876.64	0.0	-4.0	0.0	5.0	0.0	49.0
B425	900	GEO_Eqn_6.12b_nls16	2345.79	0.0	3.0	0.0	5.0	0.0	50.0
B425	900	GEO_Eqn_6.12b_nls16	2814.95	0.0	9.0	0.0	5.0	0.0	47.0
B425	900	GEO_Eqn_6.12b_nls16	3284.11	0.0	16.0	0.0	5.0	0.0	41.0
B425	900	GEO_Eqn_6.12b_nls16	3753.27	0.0	23.0	0.0	5.0	0.0	32.0
B425	900	GEO_Eqn_6.12b_nls16	4222.43	0.0	30.0	0.0	5.0	0.0	19.0
B425	900	GEO_Eqn_6.12b_nls16	4691.59	0.0	37.0	0.0	5.0	0.0	3.0
B425	900	GEO_Eqn_6.12b_nls16	5160.75	0.0	44.0	0.0	5.0	0.0	-16.0
B425	900	GEO_Eqn_6.12b_nls16	5629.91	0.0	51.0	0.0	5.0	0.0	-39.0
B425	900	GEO_Eqn_6.12b_nls16	6099.06	0.0	58.0	0.0	5.0	0.0	-64.0
B425	900	GEO_Eqn_6.12b_nls16	6568.22	0.0	65.0	0.0	5.0	0.0	-93.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B426	901	GEO_Eqn_6.12b_nls01	0	0.0	-12.0	0.0	10.0	0.0	67.0
B426	901	GEO_Eqn_6.12b_nls01	490	0.0	-4.0	0.0	10.0	0.0	71.0
B426	901	GEO_Eqn_6.12b_nls01	980	0.0	3.0	0.0	10.0	0.0	71.0
B426	901	GEO_Eqn_6.12b_nls01	1470	0.0	10.0	0.0	10.0	0.0	68.0
B426	901	GEO_Eqn_6.12b_nls01	1960	0.0	18.0	0.0	10.0	0.0	61.0
B426	901	GEO_Eqn_6.12b_nls01	2450	0.0	25.0	0.0	10.0	0.0	51.0
B426	901	GEO_Eqn_6.12b_nls01	2940	0.0	32.0	0.0	10.0	0.0	37.0
B426	901	GEO_Eqn_6.12b_nls01	3430	0.0	39.0	0.0	10.0	0.0	19.0
B426	901	GEO_Eqn_6.12b_nls01	3920	0.0	47.0	0.0	10.0	0.0	-2.0
B426	901	GEO_Eqn_6.12b_nls01	4410	0.0	54.0	0.0	10.0	0.0	-27.0
B426	901	GEO_Eqn_6.12b_nls01	4900	0.0	61.0	0.0	10.0	0.0	-55.0
B426	901	GEO_Eqn_6.12b_nls02	0	0.0	-17.0	0.0	12.0	0.0	48.0
B426	901	GEO_Eqn_6.12b_nls02	490	0.0	-9.0	0.0	12.0	0.0	54.0
B426	901	GEO_Eqn_6.12b_nls02	980	0.0	-2.0	0.0	12.0	0.0	57.0
B426	901	GEO_Eqn_6.12b_nls02	1470	0.0	5.0	0.0	12.0	0.0	56.0
B426	901	GEO_Eqn_6.12b_nls02	1960	0.0	13.0	0.0	12.0	0.0	52.0
B426	901	GEO_Eqn_6.12b_nls02	2450	0.0	20.0	0.0	12.0	0.0	44.0
B426	901	GEO_Eqn_6.12b_nls02	2940	0.0	27.0	0.0	12.0	0.0	33.0
B426	901	GEO_Eqn_6.12b_nls02	3430	0.0	34.0	0.0	12.0	0.0	18.0
B426	901	GEO_Eqn_6.12b_nls02	3920	0.0	42.0	0.0	12.0	0.0	-1.0
B426	901	GEO_Eqn_6.12b_nls02	4410	0.0	49.0	0.0	12.0	0.0	-23.0
B426	901	GEO_Eqn_6.12b_nls02	4900	0.0	56.0	0.0	12.0	0.0	-49.0
B426	901	GEO_Eqn_6.12b_nls03	0	0.0	-47.0	0.0	15.0	0.0	-88.0
B426	901	GEO_Eqn_6.12b_nls03	490	0.0	-40.0	0.0	15.0	0.0	-67.0
B426	901	GEO_Eqn_6.12b_nls03	980	0.0	-32.0	0.0	15.0	0.0	-49.0
B426	901	GEO_Eqn_6.12b_nls03	1470	0.0	-25.0	0.0	15.0	0.0	-35.0
B426	901	GEO_Eqn_6.12b_nls03	1960	0.0	-18.0	0.0	15.0	0.0	-25.0
B426	901	GEO_Eqn_6.12b_nls03	2450	0.0	-11.0	0.0	15.0	0.0	-18.0
B426	901	GEO_Eqn_6.12b_nls03	2940	0.0	-3.0	0.0	15.0	0.0	-14.0
B426	901	GEO_Eqn_6.12b_nls03	3430	0.0	4.0	0.0	15.0	0.0	-14.0
B426	901	GEO_Eqn_6.12b_nls03	3920	0.0	11.0	0.0	15.0	0.0	-18.0
B426	901	GEO_Eqn_6.12b_nls03	4410	0.0	19.0	0.0	15.0	0.0	-25.0
B426	901	GEO_Eqn_6.12b_nls03	4900	0.0	26.0	0.0	15.0	0.0	-36.0
B426	901	GEO_Eqn_6.12b_nls04	0	0.0	-57.0	0.0	18.0	0.0	-127.0
B426	901	GEO_Eqn_6.12b_nls04	490	0.0	-50.0	0.0	18.0	0.0	-101.0
B426	901	GEO_Eqn_6.12b_nls04	980	0.0	-42.0	0.0	18.0	0.0	-78.0
B426	901	GEO_Eqn_6.12b_nls04	1470	0.0	-35.0	0.0	18.0	0.0	-59.0
B426	901	GEO_Eqn_6.12b_nls04	1960	0.0	-28.0	0.0	18.0	0.0	-44.0
B426	901	GEO_Eqn_6.12b_nls04	2450	0.0	-21.0	0.0	18.0	0.0	-32.0
B426	901	GEO_Eqn_6.12b_nls04	2940	0.0	-13.0	0.0	18.0	0.0	-24.0
B426	901	GEO_Eqn_6.12b_nls04	3430	0.0	-6.0	0.0	18.0	0.0	-19.0
B426	901	GEO_Eqn_6.12b_nls04	3920	0.0	1.0	0.0	18.0	0.0	-18.0
B426	901	GEO_Eqn_6.12b_nls04	4410	0.0	9.0	0.0	18.0	0.0	-20.0
B426	901	GEO_Eqn_6.12b_nls04	4900	0.0	16.0	0.0	18.0	0.0	-26.0
B426	901	GEO_Eqn_6.12b_nls05	0	0.0	-13.0	0.0	10.0	0.0	63.0
B426	901	GEO_Eqn_6.12b_nls05	490	0.0	-5.0	0.0	10.0	0.0	67.0
B426	901	GEO_Eqn_6.12b_nls05	980	0.0	2.0	0.0	10.0	0.0	68.0
B426	901	GEO_Eqn_6.12b_nls05	1470	0.0	9.0	0.0	10.0	0.0	66.0
B426	901	GEO_Eqn_6.12b_nls05	1960	0.0	16.0	0.0	10.0	0.0	59.0
B426	901	GEO_Eqn_6.12b_nls05	2450	0.0	24.0	0.0	10.0	0.0	49.0
B426	901	GEO_Eqn_6.12b_nls05	2940	0.0	31.0	0.0	10.0	0.0	36.0
B426	901	GEO_Eqn_6.12b_nls05	3430	0.0	38.0	0.0	10.0	0.0	19.0
B426	901	GEO_Eqn_6.12b_nls05	3920	0.0	46.0	0.0	10.0	0.0	-1.0
B426	901	GEO_Eqn_6.12b_nls05	4410	0.0	53.0	0.0	10.0	0.0	-26.0
B426	901	GEO_Eqn_6.12b_nls05	4900	0.0	60.0	0.0	10.0	0.0	-53.0
B426	901	GEO_Eqn_6.12b_nls06	0	0.0	-22.0	0.0	14.0	0.0	29.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B426	901	GEO_Eqn_6.12b_nls06	490	0.0	-15.0	0.0	14.0	0.0	38.0
B426	901	GEO_Eqn_6.12b_nls06	980	0.0	-7.0	0.0	14.0	0.0	43.0
B426	901	GEO_Eqn_6.12b_nls06	1470	0.0	-0.1	0.0	14.0	0.0	45.0
B426	901	GEO_Eqn_6.12b_nls06	1960	0.0	7.0	0.0	14.0	0.0	43.0
B426	901	GEO_Eqn_6.12b_nls06	2450	0.0	15.0	0.0	14.0	0.0	38.0
B426	901	GEO_Eqn_6.12b_nls06	2940	0.0	22.0	0.0	14.0	0.0	29.0
B426	901	GEO_Eqn_6.12b_nls06	3430	0.0	29.0	0.0	14.0	0.0	16.0
B426	901	GEO_Eqn_6.12b_nls06	3920	0.0	36.0	0.0	14.0	0.0	0.3
B426	901	GEO_Eqn_6.12b_nls06	4410	0.0	44.0	0.0	14.0	0.0	-19.0
B426	901	GEO_Eqn_6.12b_nls06	4900	0.0	51.0	0.0	14.0	0.0	-43.0
B426	901	GEO_Eqn_6.12b_nls07	0	0.0	-46.0	0.0	16.0	0.0	-83.0
B426	901	GEO_Eqn_6.12b_nls07	490	0.0	-38.0	0.0	16.0	0.0	-62.0
B426	901	GEO_Eqn_6.12b_nls07	980	0.0	-31.0	0.0	16.0	0.0	-45.0
B426	901	GEO_Eqn_6.12b_nls07	1470	0.0	-24.0	0.0	16.0	0.0	-32.0
B426	901	GEO_Eqn_6.12b_nls07	1960	0.0	-16.0	0.0	16.0	0.0	-22.0
B426	901	GEO_Eqn_6.12b_nls07	2450	0.0	-9.0	0.0	16.0	0.0	-16.0
B426	901	GEO_Eqn_6.12b_nls07	2940	0.0	-2.0	0.0	16.0	0.0	-13.0
B426	901	GEO_Eqn_6.12b_nls07	3430	0.0	5.0	0.0	16.0	0.0	-14.0
B426	901	GEO_Eqn_6.12b_nls07	3920	0.0	13.0	0.0	16.0	0.0	-19.0
B426	901	GEO_Eqn_6.12b_nls07	4410	0.0	20.0	0.0	16.0	0.0	-27.0
B426	901	GEO_Eqn_6.12b_nls07	4900	0.0	27.0	0.0	16.0	0.0	-38.0
B426	901	GEO_Eqn_6.12b_nls08	0	0.0	-56.0	0.0	19.0	0.0	-123.0
B426	901	GEO_Eqn_6.12b_nls08	490	0.0	-48.0	0.0	19.0	0.0	-97.0
B426	901	GEO_Eqn_6.12b_nls08	980	0.0	-41.0	0.0	19.0	0.0	-75.0
B426	901	GEO_Eqn_6.12b_nls08	1470	0.0	-34.0	0.0	19.0	0.0	-57.0
B426	901	GEO_Eqn_6.12b_nls08	1960	0.0	-27.0	0.0	19.0	0.0	-42.0
B426	901	GEO_Eqn_6.12b_nls08	2450	0.0	-19.0	0.0	19.0	0.0	-31.0
B426	901	GEO_Eqn_6.12b_nls08	2940	0.0	-12.0	0.0	19.0	0.0	-23.0
B426	901	GEO_Eqn_6.12b_nls08	3430	0.0	-5.0	0.0	19.0	0.0	-19.0
B426	901	GEO_Eqn_6.12b_nls08	3920	0.0	3.0	0.0	19.0	0.0	-18.0
B426	901	GEO_Eqn_6.12b_nls08	4410	0.0	10.0	0.0	19.0	0.0	-21.0
B426	901	GEO_Eqn_6.12b_nls08	4900	0.0	17.0	0.0	19.0	0.0	-28.0
B426	901	GEO_Eqn_6.12b_nls09	0	0.0	-13.0	0.0	7.0	0.0	55.0
B426	901	GEO_Eqn_6.12b_nls09	490	0.0	-5.0	0.0	7.0	0.0	59.0
B426	901	GEO_Eqn_6.12b_nls09	980	0.0	2.0	0.0	7.0	0.0	60.0
B426	901	GEO_Eqn_6.12b_nls09	1470	0.0	9.0	0.0	7.0	0.0	58.0
B426	901	GEO_Eqn_6.12b_nls09	1960	0.0	16.0	0.0	7.0	0.0	51.0
B426	901	GEO_Eqn_6.12b_nls09	2450	0.0	24.0	0.0	7.0	0.0	41.0
B426	901	GEO_Eqn_6.12b_nls09	2940	0.0	31.0	0.0	7.0	0.0	28.0
B426	901	GEO_Eqn_6.12b_nls09	3430	0.0	38.0	0.0	7.0	0.0	11.0
B426	901	GEO_Eqn_6.12b_nls09	3920	0.0	46.0	0.0	7.0	0.0	-9.0
B426	901	GEO_Eqn_6.12b_nls09	4410	0.0	53.0	0.0	7.0	0.0	-34.0
B426	901	GEO_Eqn_6.12b_nls09	4900	0.0	60.0	0.0	7.0	0.0	-61.0
B426	901	GEO_Eqn_6.12b_nls10	0	0.0	-22.0	0.0	8.0	0.0	13.0
B426	901	GEO_Eqn_6.12b_nls10	490	0.0	-15.0	0.0	8.0	0.0	22.0
B426	901	GEO_Eqn_6.12b_nls10	980	0.0	-8.0	0.0	8.0	0.0	28.0
B426	901	GEO_Eqn_6.12b_nls10	1470	0.0	-0.3	0.0	8.0	0.0	29.0
B426	901	GEO_Eqn_6.12b_nls10	1960	0.0	7.0	0.0	8.0	0.0	28.0
B426	901	GEO_Eqn_6.12b_nls10	2450	0.0	14.0	0.0	8.0	0.0	23.0
B426	901	GEO_Eqn_6.12b_nls10	2940	0.0	22.0	0.0	8.0	0.0	14.0
B426	901	GEO_Eqn_6.12b_nls10	3430	0.0	29.0	0.0	8.0	0.0	1.0
B426	901	GEO_Eqn_6.12b_nls10	3920	0.0	36.0	0.0	8.0	0.0	-14.0
B426	901	GEO_Eqn_6.12b_nls10	4410	0.0	43.0	0.0	8.0	0.0	-34.0
B426	901	GEO_Eqn_6.12b_nls10	4900	0.0	51.0	0.0	8.0	0.0	-57.0
B426	901	GEO_Eqn_6.12b_nls11	0	0.0	-43.0	0.0	19.0	0.0	-60.0
B426	901	GEO_Eqn_6.12b_nls11	490	0.0	-36.0	0.0	19.0	0.0	-40.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B426	901	GEO_Eqn_6.12b_nls11	980	0.0	-29.0	0.0	19.0	0.0	-25.0
B426	901	GEO_Eqn_6.12b_nls11	1470	0.0	-21.0	0.0	19.0	0.0	-12.0
B426	901	GEO_Eqn_6.12b_nls11	1960	0.0	-14.0	0.0	19.0	0.0	-4.0
B426	901	GEO_Eqn_6.12b_nls11	2450	0.0	-7.0	0.0	19.0	0.0	2.0
B426	901	GEO_Eqn_6.12b_nls11	2940	0.0	0.5	0.0	19.0	0.0	3.0
B426	901	GEO_Eqn_6.12b_nls11	3430	0.0	8.0	0.0	19.0	0.0	1.0
B426	901	GEO_Eqn_6.12b_nls11	3920	0.0	15.0	0.0	19.0	0.0	-5.0
B426	901	GEO_Eqn_6.12b_nls11	4410	0.0	22.0	0.0	19.0	0.0	-14.0
B426	901	GEO_Eqn_6.12b_nls11	4900	0.0	30.0	0.0	19.0	0.0	-26.0
B426	901	GEO_Eqn_6.12b_nls12	0	0.0	-54.0	0.0	21.0	0.0	-107.0
B426	901	GEO_Eqn_6.12b_nls12	490	0.0	-47.0	0.0	21.0	0.0	-82.0
B426	901	GEO_Eqn_6.12b_nls12	980	0.0	-39.0	0.0	21.0	0.0	-61.0
B426	901	GEO_Eqn_6.12b_nls12	1470	0.0	-32.0	0.0	21.0	0.0	-44.0
B426	901	GEO_Eqn_6.12b_nls12	1960	0.0	-25.0	0.0	21.0	0.0	-30.0
B426	901	GEO_Eqn_6.12b_nls12	2450	0.0	-17.0	0.0	21.0	0.0	-20.0
B426	901	GEO_Eqn_6.12b_nls12	2940	0.0	-10.0	0.0	21.0	0.0	-13.0
B426	901	GEO_Eqn_6.12b_nls12	3430	0.0	-3.0	0.0	21.0	0.0	-10.0
B426	901	GEO_Eqn_6.12b_nls12	3920	0.0	4.0	0.0	21.0	0.0	-10.0
B426	901	GEO_Eqn_6.12b_nls12	4410	0.0	12.0	0.0	21.0	0.0	-14.0
B426	901	GEO_Eqn_6.12b_nls12	4900	0.0	19.0	0.0	21.0	0.0	-22.0
B426	901	GEO_Eqn_6.12b_nls13	0	0.0	-9.0	0.0	8.0	0.0	68.0
B426	901	GEO_Eqn_6.12b_nls13	490	0.0	-2.0	0.0	8.0	0.0	71.0
B426	901	GEO_Eqn_6.12b_nls13	980	0.0	6.0	0.0	8.0	0.0	70.0
B426	901	GEO_Eqn_6.12b_nls13	1470	0.0	13.0	0.0	8.0	0.0	65.0
B426	901	GEO_Eqn_6.12b_nls13	1960	0.0	20.0	0.0	8.0	0.0	57.0
B426	901	GEO_Eqn_6.12b_nls13	2450	0.0	28.0	0.0	8.0	0.0	45.0
B426	901	GEO_Eqn_6.12b_nls13	2940	0.0	35.0	0.0	8.0	0.0	30.0
B426	901	GEO_Eqn_6.12b_nls13	3430	0.0	42.0	0.0	8.0	0.0	11.0
B426	901	GEO_Eqn_6.12b_nls13	3920	0.0	49.0	0.0	8.0	0.0	-11.0
B426	901	GEO_Eqn_6.12b_nls13	4410	0.0	57.0	0.0	8.0	0.0	-37.0
B426	901	GEO_Eqn_6.12b_nls13	4900	0.0	64.0	0.0	8.0	0.0	-67.0
B426	901	GEO_Eqn_6.12b_nls14	0	0.0	-18.0	0.0	10.0	0.0	27.0
B426	901	GEO_Eqn_6.12b_nls14	490	0.0	-11.0	0.0	10.0	0.0	34.0
B426	901	GEO_Eqn_6.12b_nls14	980	0.0	-3.0	0.0	10.0	0.0	38.0
B426	901	GEO_Eqn_6.12b_nls14	1470	0.0	4.0	0.0	10.0	0.0	38.0
B426	901	GEO_Eqn_6.12b_nls14	1960	0.0	11.0	0.0	10.0	0.0	34.0
B426	901	GEO_Eqn_6.12b_nls14	2450	0.0	18.0	0.0	10.0	0.0	27.0
B426	901	GEO_Eqn_6.12b_nls14	2940	0.0	26.0	0.0	10.0	0.0	16.0
B426	901	GEO_Eqn_6.12b_nls14	3430	0.0	33.0	0.0	10.0	0.0	2.0
B426	901	GEO_Eqn_6.12b_nls14	3920	0.0	40.0	0.0	10.0	0.0	-16.0
B426	901	GEO_Eqn_6.12b_nls14	4410	0.0	48.0	0.0	10.0	0.0	-38.0
B426	901	GEO_Eqn_6.12b_nls14	4900	0.0	55.0	0.0	10.0	0.0	-63.0
B426	901	GEO_Eqn_6.12b_nls15	0	0.0	-46.0	0.0	19.0	0.0	-67.0
B426	901	GEO_Eqn_6.12b_nls15	490	0.0	-38.0	0.0	19.0	0.0	-47.0
B426	901	GEO_Eqn_6.12b_nls15	980	0.0	-31.0	0.0	19.0	0.0	-30.0
B426	901	GEO_Eqn_6.12b_nls15	1470	0.0	-24.0	0.0	19.0	0.0	-16.0
B426	901	GEO_Eqn_6.12b_nls15	1960	0.0	-16.0	0.0	19.0	0.0	-7.0
B426	901	GEO_Eqn_6.12b_nls15	2450	0.0	-9.0	0.0	19.0	0.0	-0.3
B426	901	GEO_Eqn_6.12b_nls15	2940	0.0	-2.0	0.0	19.0	0.0	2.0
B426	901	GEO_Eqn_6.12b_nls15	3430	0.0	5.0	0.0	19.0	0.0	2.0
B426	901	GEO_Eqn_6.12b_nls15	3920	0.0	13.0	0.0	19.0	0.0	-3.0
B426	901	GEO_Eqn_6.12b_nls15	4410	0.0	20.0	0.0	19.0	0.0	-11.0
B426	901	GEO_Eqn_6.12b_nls15	4900	0.0	27.0	0.0	19.0	0.0	-22.0
B426	901	GEO_Eqn_6.12b_nls16	0	0.0	-57.0	0.0	20.0	0.0	-118.0
B426	901	GEO_Eqn_6.12b_nls16	490	0.0	-50.0	0.0	20.0	0.0	-92.0
B426	901	GEO_Eqn_6.12b_nls16	980	0.0	-43.0	0.0	20.0	0.0	-69.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B426	901	GEO_Eqn_6.12b_nls16	1470	0.0	-35.0	0.0	20.0	0.0	-50.0
B426	901	GEO_Eqn_6.12b_nls16	1960	0.0	-28.0	0.0	20.0	0.0	-35.0
B426	901	GEO_Eqn_6.12b_nls16	2450	0.0	-21.0	0.0	20.0	0.0	-23.0
B426	901	GEO_Eqn_6.12b_nls16	2940	0.0	-13.0	0.0	20.0	0.0	-14.0
B426	901	GEO_Eqn_6.12b_nls16	3430	0.0	-6.0	0.0	20.0	0.0	-10.0
B426	901	GEO_Eqn_6.12b_nls16	3920	0.0	1.0	0.0	20.0	0.0	-8.0
B426	901	GEO_Eqn_6.12b_nls16	4410	0.0	9.0	0.0	20.0	0.0	-11.0
B426	901	GEO_Eqn_6.12b_nls16	4900	0.0	16.0	0.0	20.0	0.0	-17.0
B427	902	GEO_Eqn_6.12b_nls01	0	7.0	-161.0	1.0	46.0	2.0	-551.0
B427	902	GEO_Eqn_6.12b_nls01	499.77	7.0	-154.0	1.0	46.0	2.0	-473.0
B427	902	GEO_Eqn_6.12b_nls01	999.53	7.0	-147.0	1.0	46.0	1.0	-397.0
B427	902	GEO_Eqn_6.12b_nls01	1499.3	7.0	-139.0	1.0	46.0	1.0	-326.0
B427	902	GEO_Eqn_6.12b_nls01	1999.06	7.0	-132.0	1.0	46.0	1.0	-258.0
B427	902	GEO_Eqn_6.12b_nls01	2498.83	7.0	-124.0	1.0	46.0	0.2	-194.0
B427	902	GEO_Eqn_6.12b_nls01	2998.59	7.0	-117.0	1.0	46.0	-0.2	-134.0
B427	902	GEO_Eqn_6.12b_nls01	3498.36	7.0	-109.0	1.0	46.0	-1.0	-77.0
B427	902	GEO_Eqn_6.12b_nls01	3998.12	7.0	-102.0	1.0	46.0	-1.0	-25.0
B427	902	GEO_Eqn_6.12b_nls01	4497.89	7.0	-95.0	1.0	46.0	-1.0	25.0
B427	902	GEO_Eqn_6.12b_nls01	4997.65	7.0	-87.0	1.0	46.0	-2.0	70.0
B427	902	GEO_Eqn_6.12b_nls01	5497.42	7.0	-80.0	1.0	46.0	-2.0	112.0
B427	902	GEO_Eqn_6.12b_nls02	0	-1.0	-149.0	1.0	47.0	2.0	-509.0
B427	902	GEO_Eqn_6.12b_nls02	499.77	-1.0	-142.0	1.0	47.0	2.0	-436.0
B427	902	GEO_Eqn_6.12b_nls02	999.53	-1.0	-134.0	1.0	47.0	1.0	-367.0
B427	902	GEO_Eqn_6.12b_nls02	1499.3	-1.0	-127.0	1.0	47.0	1.0	-302.0
B427	902	GEO_Eqn_6.12b_nls02	1999.06	-1.0	-119.0	1.0	47.0	1.0	-240.0
B427	902	GEO_Eqn_6.12b_nls02	2498.83	-1.0	-112.0	1.0	47.0	0.2	-183.0
B427	902	GEO_Eqn_6.12b_nls02	2998.59	-1.0	-105.0	1.0	47.0	-0.2	-128.0
B427	902	GEO_Eqn_6.12b_nls02	3498.36	-1.0	-97.0	1.0	47.0	-1.0	-78.0
B427	902	GEO_Eqn_6.12b_nls02	3998.12	-1.0	-90.0	1.0	47.0	-1.0	-31.0
B427	902	GEO_Eqn_6.12b_nls02	4497.89	-1.0	-82.0	1.0	47.0	-1.0	12.0
B427	902	GEO_Eqn_6.12b_nls02	4997.65	-1.0	-75.0	1.0	47.0	-2.0	51.0
B427	902	GEO_Eqn_6.12b_nls02	5497.42	-1.0	-67.0	1.0	47.0	-2.0	86.0
B427	902	GEO_Eqn_6.12b_nls03	0	13.0	-58.0	-1.0	31.0	-2.0	-172.0
B427	902	GEO_Eqn_6.12b_nls03	499.77	13.0	-50.0	-1.0	31.0	-2.0	-145.0
B427	902	GEO_Eqn_6.12b_nls03	999.53	13.0	-43.0	-1.0	31.0	-1.0	-122.0
B427	902	GEO_Eqn_6.12b_nls03	1499.3	13.0	-35.0	-1.0	31.0	-1.0	-103.0
B427	902	GEO_Eqn_6.12b_nls03	1999.06	13.0	-28.0	-1.0	31.0	-1.0	-87.0
B427	902	GEO_Eqn_6.12b_nls03	2498.83	13.0	-21.0	-1.0	31.0	-0.2	-75.0
B427	902	GEO_Eqn_6.12b_nls03	2998.59	13.0	-13.0	-1.0	31.0	0.2	-66.0
B427	902	GEO_Eqn_6.12b_nls03	3498.36	13.0	-6.0	-1.0	31.0	1.0	-62.0
B427	902	GEO_Eqn_6.12b_nls03	3998.12	13.0	2.0	-1.0	31.0	1.0	-61.0
B427	902	GEO_Eqn_6.12b_nls03	4497.89	13.0	9.0	-1.0	31.0	1.0	-63.0
B427	902	GEO_Eqn_6.12b_nls03	4997.65	13.0	17.0	-1.0	31.0	2.0	-70.0
B427	902	GEO_Eqn_6.12b_nls03	5497.42	13.0	24.0	-1.0	31.0	2.0	-80.0
B427	902	GEO_Eqn_6.12b_nls04	0	-4.0	-31.0	-1.0	32.0	-2.0	-80.0
B427	902	GEO_Eqn_6.12b_nls04	499.77	-4.0	-24.0	-1.0	32.0	-2.0	-66.0
B427	902	GEO_Eqn_6.12b_nls04	999.53	-4.0	-16.0	-1.0	32.0	-1.0	-56.0
B427	902	GEO_Eqn_6.12b_nls04	1499.3	-4.0	-9.0	-1.0	32.0	-1.0	-50.0
B427	902	GEO_Eqn_6.12b_nls04	1999.06	-4.0	-1.0	-1.0	32.0	-1.0	-47.0
B427	902	GEO_Eqn_6.12b_nls04	2498.83	-4.0	6.0	-1.0	32.0	-0.2	-49.0
B427	902	GEO_Eqn_6.12b_nls04	2998.59	-4.0	14.0	-1.0	32.0	0.2	-54.0
B427	902	GEO_Eqn_6.12b_nls04	3498.36	-4.0	21.0	-1.0	32.0	1.0	-62.0
B427	902	GEO_Eqn_6.12b_nls04	3998.12	-4.0	29.0	-1.0	32.0	1.0	-75.0
B427	902	GEO_Eqn_6.12b_nls04	4497.89	-4.0	36.0	-1.0	32.0	1.0	-91.0
B427	902	GEO_Eqn_6.12b_nls04	4997.65	-4.0	43.0	-1.0	32.0	2.0	-111.0
B427	902	GEO_Eqn_6.12b_nls04	5497.42	-4.0	51.0	-1.0	32.0	2.0	-134.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B427	902	GEO_Eqn_6.12b_nls05	0	3.0	-159.0	1.0	46.0	2.0	-543.0
B427	902	GEO_Eqn_6.12b_nls05	499.77	3.0	-152.0	1.0	46.0	2.0	-465.0
B427	902	GEO_Eqn_6.12b_nls05	999.53	3.0	-144.0	1.0	46.0	1.0	-391.0
B427	902	GEO_Eqn_6.12b_nls05	1499.3	3.0	-137.0	1.0	46.0	1.0	-321.0
B427	902	GEO_Eqn_6.12b_nls05	1999.06	3.0	-129.0	1.0	46.0	1.0	-255.0
B427	902	GEO_Eqn_6.12b_nls05	2498.83	3.0	-122.0	1.0	46.0	0.2	-192.0
B427	902	GEO_Eqn_6.12b_nls05	2998.59	3.0	-114.0	1.0	46.0	-0.2	-133.0
B427	902	GEO_Eqn_6.12b_nls05	3498.36	3.0	-107.0	1.0	46.0	-1.0	-78.0
B427	902	GEO_Eqn_6.12b_nls05	3998.12	3.0	-100.0	1.0	46.0	-1.0	-26.0
B427	902	GEO_Eqn_6.12b_nls05	4497.89	3.0	-92.0	1.0	46.0	-1.0	22.0
B427	902	GEO_Eqn_6.12b_nls05	4997.65	3.0	-85.0	1.0	46.0	-2.0	66.0
B427	902	GEO_Eqn_6.12b_nls05	5497.42	3.0	-77.0	1.0	46.0	-2.0	107.0
B427	902	GEO_Eqn_6.12b_nls06	0	-14.0	-136.0	1.0	47.0	2.0	-465.0
B427	902	GEO_Eqn_6.12b_nls06	499.77	-14.0	-129.0	1.0	47.0	2.0	-399.0
B427	902	GEO_Eqn_6.12b_nls06	999.53	-14.0	-121.0	1.0	47.0	1.0	-336.0
B427	902	GEO_Eqn_6.12b_nls06	1499.3	-14.0	-114.0	1.0	47.0	1.0	-278.0
B427	902	GEO_Eqn_6.12b_nls06	1999.06	-14.0	-107.0	1.0	47.0	1.0	-223.0
B427	902	GEO_Eqn_6.12b_nls06	2498.83	-14.0	-99.0	1.0	47.0	0.2	-171.0
B427	902	GEO_Eqn_6.12b_nls06	2998.59	-14.0	-92.0	1.0	47.0	-0.2	-123.0
B427	902	GEO_Eqn_6.12b_nls06	3498.36	-14.0	-84.0	1.0	47.0	-1.0	-80.0
B427	902	GEO_Eqn_6.12b_nls06	3998.12	-14.0	-77.0	1.0	47.0	-1.0	-39.0
B427	902	GEO_Eqn_6.12b_nls06	4497.89	-14.0	-69.0	1.0	47.0	-1.0	-3.0
B427	902	GEO_Eqn_6.12b_nls06	4997.65	-14.0	-62.0	1.0	47.0	-2.0	30.0
B427	902	GEO_Eqn_6.12b_nls06	5497.42	-14.0	-54.0	1.0	47.0	-2.0	59.0
B427	902	GEO_Eqn_6.12b_nls07	0	17.0	-61.0	-1.0	32.0	-2.0	-184.0
B427	902	GEO_Eqn_6.12b_nls07	499.77	17.0	-54.0	-1.0	32.0	-2.0	-156.0
B427	902	GEO_Eqn_6.12b_nls07	999.53	17.0	-46.0	-1.0	32.0	-1.0	-131.0
B427	902	GEO_Eqn_6.12b_nls07	1499.3	17.0	-39.0	-1.0	32.0	-1.0	-109.0
B427	902	GEO_Eqn_6.12b_nls07	1999.06	17.0	-31.0	-1.0	32.0	-1.0	-92.0
B427	902	GEO_Eqn_6.12b_nls07	2498.83	17.0	-24.0	-1.0	32.0	-0.2	-78.0
B427	902	GEO_Eqn_6.12b_nls07	2998.59	17.0	-17.0	-1.0	32.0	0.2	-68.0
B427	902	GEO_Eqn_6.12b_nls07	3498.36	17.0	-9.0	-1.0	32.0	1.0	-62.0
B427	902	GEO_Eqn_6.12b_nls07	3998.12	17.0	-2.0	-1.0	32.0	1.0	-59.0
B427	902	GEO_Eqn_6.12b_nls07	4497.89	17.0	6.0	-1.0	32.0	1.0	-60.0
B427	902	GEO_Eqn_6.12b_nls07	4997.65	17.0	13.0	-1.0	32.0	2.0	-65.0
B427	902	GEO_Eqn_6.12b_nls07	5497.42	17.0	21.0	-1.0	32.0	2.0	-73.0
B427	902	GEO_Eqn_6.12b_nls08	0	0.4	-34.0	-1.0	32.0	-2.0	-90.0
B427	902	GEO_Eqn_6.12b_nls08	499.77	0.4	-26.0	-1.0	32.0	-2.0	-74.0
B427	902	GEO_Eqn_6.12b_nls08	999.53	0.4	-19.0	-1.0	32.0	-1.0	-63.0
B427	902	GEO_Eqn_6.12b_nls08	1499.3	0.4	-12.0	-1.0	32.0	-1.0	-55.0
B427	902	GEO_Eqn_6.12b_nls08	1999.06	0.4	-4.0	-1.0	32.0	-1.0	-51.0
B427	902	GEO_Eqn_6.12b_nls08	2498.83	0.4	3.0	-1.0	32.0	-0.2	-51.0
B427	902	GEO_Eqn_6.12b_nls08	2998.59	0.4	11.0	-1.0	32.0	0.2	-55.0
B427	902	GEO_Eqn_6.12b_nls08	3498.36	0.4	18.0	-1.0	32.0	1.0	-62.0
B427	902	GEO_Eqn_6.12b_nls08	3998.12	0.4	26.0	-1.0	32.0	1.0	-73.0
B427	902	GEO_Eqn_6.12b_nls08	4497.89	0.4	33.0	-1.0	32.0	1.0	-87.0
B427	902	GEO_Eqn_6.12b_nls08	4997.65	0.4	40.0	-1.0	32.0	2.0	-106.0
B427	902	GEO_Eqn_6.12b_nls08	5497.42	0.4	48.0	-1.0	32.0	2.0	-128.0
B427	902	GEO_Eqn_6.12b_nls09	0	22.0	-153.0	0.4	38.0	1.0	-514.0
B427	902	GEO_Eqn_6.12b_nls09	499.77	22.0	-145.0	0.4	38.0	1.0	-440.0
B427	902	GEO_Eqn_6.12b_nls09	999.53	22.0	-138.0	0.4	38.0	1.0	-369.0
B427	902	GEO_Eqn_6.12b_nls09	1499.3	22.0	-130.0	0.4	38.0	1.0	-302.0
B427	902	GEO_Eqn_6.12b_nls09	1999.06	22.0	-123.0	0.4	38.0	0.3	-239.0
B427	902	GEO_Eqn_6.12b_nls09	2498.83	22.0	-116.0	0.4	38.0	0.1	-179.0
B427	902	GEO_Eqn_6.12b_nls09	2998.59	22.0	-108.0	0.4	38.0	-0.1	-123.0
B427	902	GEO_Eqn_6.12b_nls09	3498.36	22.0	-101.0	0.4	38.0	-0.3	-71.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B427	902	GEO_Eqn_6.12b_nls09	3998.12	22.0	-93.0	0.4	38.0	-0.5	-23.0
B427	902	GEO_Eqn_6.12b_nls09	4497.89	22.0	-86.0	0.4	38.0	-1.0	22.0
B427	902	GEO_Eqn_6.12b_nls09	4997.65	22.0	-78.0	0.4	38.0	-1.0	63.0
B427	902	GEO_Eqn_6.12b_nls09	5497.42	22.0	-71.0	0.4	38.0	-1.0	100.0
B427	902	GEO_Eqn_6.12b_nls10	0	25.0	-124.0	-0.1	34.0	-0.1	-411.0
B427	902	GEO_Eqn_6.12b_nls10	499.77	25.0	-117.0	-0.1	34.0	-0.1	-351.0
B427	902	GEO_Eqn_6.12b_nls10	999.53	25.0	-110.0	-0.1	34.0	-0.1	-294.0
B427	902	GEO_Eqn_6.12b_nls10	1499.3	25.0	-102.0	-0.1	34.0	0.0	-241.0
B427	902	GEO_Eqn_6.12b_nls10	1999.06	25.0	-95.0	0.0	34.0	0.0	-192.0
B427	902	GEO_Eqn_6.12b_nls10	2498.83	25.0	-87.0	0.0	34.0	0.0	-147.0
B427	902	GEO_Eqn_6.12b_nls10	2998.59	25.0	-80.0	0.0	34.0	0.0	-105.0
B427	902	GEO_Eqn_6.12b_nls10	3498.36	25.0	-72.0	0.0	34.0	0.1	-67.0
B427	902	GEO_Eqn_6.12b_nls10	3998.12	25.0	-65.0	0.0	34.0	0.1	-32.0
B427	902	GEO_Eqn_6.12b_nls10	4497.89	25.0	-58.0	0.0	34.0	0.1	-2.0
B427	902	GEO_Eqn_6.12b_nls10	4997.65	25.0	-50.0	0.0	34.0	0.1	25.0
B427	902	GEO_Eqn_6.12b_nls10	5497.42	25.0	-43.0	0.0	34.0	0.1	48.0
B427	902	GEO_Eqn_6.12b_nls11	0	-23.0	-77.0	0.0	43.0	0.1	-256.0
B427	902	GEO_Eqn_6.12b_nls11	499.77	-23.0	-70.0	0.0	43.0	0.1	-219.0
B427	902	GEO_Eqn_6.12b_nls11	999.53	-23.0	-62.0	0.0	43.0	0.1	-186.0
B427	902	GEO_Eqn_6.12b_nls11	1499.3	-23.0	-55.0	0.0	43.0	0.0	-157.0
B427	902	GEO_Eqn_6.12b_nls11	1999.06	-23.0	-47.0	0.0	43.0	0.0	-131.0
B427	902	GEO_Eqn_6.12b_nls11	2498.83	-23.0	-40.0	0.0	43.0	0.0	-110.0
B427	902	GEO_Eqn_6.12b_nls11	2998.59	-23.0	-33.0	0.0	43.0	0.0	-91.0
B427	902	GEO_Eqn_6.12b_nls11	3498.36	-23.0	-25.0	0.0	43.0	0.0	-77.0
B427	902	GEO_Eqn_6.12b_nls11	3998.12	-23.0	-18.0	0.0	43.0	-0.1	-66.0
B427	902	GEO_Eqn_6.12b_nls11	4497.89	-23.0	-10.0	0.1	43.0	-0.1	-59.0
B427	902	GEO_Eqn_6.12b_nls11	4997.65	-23.0	-3.0	0.1	43.0	-0.1	-56.0
B427	902	GEO_Eqn_6.12b_nls11	5497.42	-23.0	5.0	0.1	43.0	-0.2	-56.0
B427	902	GEO_Eqn_6.12b_nls12	0	-20.0	-45.0	-0.4	38.0	-1.0	-139.0
B427	902	GEO_Eqn_6.12b_nls12	499.77	-20.0	-38.0	-0.4	38.0	-1.0	-119.0
B427	902	GEO_Eqn_6.12b_nls12	999.53	-20.0	-31.0	-0.4	38.0	-1.0	-102.0
B427	902	GEO_Eqn_6.12b_nls12	1499.3	-20.0	-23.0	-0.4	38.0	-1.0	-88.0
B427	902	GEO_Eqn_6.12b_nls12	1999.06	-20.0	-16.0	-0.4	38.0	-0.3	-79.0
B427	902	GEO_Eqn_6.12b_nls12	2498.83	-20.0	-8.0	-0.4	38.0	-0.1	-73.0
B427	902	GEO_Eqn_6.12b_nls12	2998.59	-20.0	-1.0	-0.4	38.0	0.1	-70.0
B427	902	GEO_Eqn_6.12b_nls12	3498.36	-20.0	7.0	-0.4	38.0	0.3	-72.0
B427	902	GEO_Eqn_6.12b_nls12	3998.12	-20.0	14.0	-0.4	38.0	1.0	-77.0
B427	902	GEO_Eqn_6.12b_nls12	4497.89	-20.0	22.0	-0.4	38.0	1.0	-86.0
B427	902	GEO_Eqn_6.12b_nls12	4997.65	-20.0	29.0	-0.4	38.0	1.0	-99.0
B427	902	GEO_Eqn_6.12b_nls12	5497.42	-20.0	36.0	-0.4	38.0	1.0	-115.0
B427	902	GEO_Eqn_6.12b_nls13	0	34.0	-161.0	0.3	39.0	1.0	-544.0
B427	902	GEO_Eqn_6.12b_nls13	499.77	34.0	-154.0	0.3	39.0	1.0	-466.0
B427	902	GEO_Eqn_6.12b_nls13	999.53	34.0	-146.0	0.3	39.0	1.0	-390.0
B427	902	GEO_Eqn_6.12b_nls13	1499.3	34.0	-139.0	0.3	39.0	0.4	-319.0
B427	902	GEO_Eqn_6.12b_nls13	1999.06	34.0	-132.0	0.3	39.0	0.2	-252.0
B427	902	GEO_Eqn_6.12b_nls13	2498.83	34.0	-124.0	0.3	39.0	0.1	-188.0
B427	902	GEO_Eqn_6.12b_nls13	2998.59	34.0	-117.0	0.3	39.0	-0.1	-127.0
B427	902	GEO_Eqn_6.12b_nls13	3498.36	34.0	-109.0	0.3	39.0	-0.3	-71.0
B427	902	GEO_Eqn_6.12b_nls13	3998.12	34.0	-102.0	0.3	39.0	-0.4	-18.0
B427	902	GEO_Eqn_6.12b_nls13	4497.89	34.0	-94.0	0.3	39.0	-1.0	31.0
B427	902	GEO_Eqn_6.12b_nls13	4997.65	34.0	-87.0	0.3	39.0	-1.0	76.0
B427	902	GEO_Eqn_6.12b_nls13	5497.42	34.0	-80.0	0.3	39.0	-1.0	118.0
B427	902	GEO_Eqn_6.12b_nls14	0	37.0	-134.0	-0.1	36.0	-0.4	-444.0
B427	902	GEO_Eqn_6.12b_nls14	499.77	37.0	-126.0	-0.1	36.0	-0.3	-379.0
B427	902	GEO_Eqn_6.12b_nls14	999.53	37.0	-119.0	-0.1	36.0	-0.2	-317.0
B427	902	GEO_Eqn_6.12b_nls14	1499.3	37.0	-112.0	-0.1	36.0	-0.2	-260.0

TABLE: Element Forces - Beams

Beam	Unique Name	Output Case	mm Station	kN P	kN V2	kN V3	kN-m T	kN-m M2	kN-m M3
B427	902	GEO_Eqn_6.12b_nls14	1999.06	37.0	-104.0	-0.1	36.0	-0.1	-206.0
B427	902	GEO_Eqn_6.12b_nls14	2498.83	37.0	-97.0	-0.1	36.0	0.0	-156.0
B427	902	GEO_Eqn_6.12b_nls14	2998.59	37.0	-89.0	-0.1	36.0	0.0	-109.0
B427	902	GEO_Eqn_6.12b_nls14	3498.36	37.0	-82.0	-0.1	36.0	0.1	-66.0
B427	902	GEO_Eqn_6.12b_nls14	3998.12	37.0	-74.0	-0.1	36.0	0.2	-27.0
B427	902	GEO_Eqn_6.12b_nls14	4497.89	37.0	-67.0	-0.1	36.0	0.2	8.0
B427	902	GEO_Eqn_6.12b_nls14	4997.65	37.0	-60.0	-0.1	36.0	0.3	40.0
B427	902	GEO_Eqn_6.12b_nls14	5497.42	37.0	-52.0	-0.1	36.0	0.3	68.0
B427	902	GEO_Eqn_6.12b_nls15	0	-36.0	-73.0	0.1	42.0	0.3	-242.0
B427	902	GEO_Eqn_6.12b_nls15	499.77	-36.0	-65.0	0.1	42.0	0.3	-207.0
B427	902	GEO_Eqn_6.12b_nls15	999.53	-36.0	-58.0	0.1	42.0	0.2	-177.0
B427	902	GEO_Eqn_6.12b_nls15	1499.3	-36.0	-50.0	0.1	42.0	0.2	-150.0
B427	902	GEO_Eqn_6.12b_nls15	1999.06	-36.0	-43.0	0.1	42.0	0.1	-126.0
B427	902	GEO_Eqn_6.12b_nls15	2498.83	-36.0	-36.0	0.1	42.0	0.1	-107.0
B427	902	GEO_Eqn_6.12b_nls15	2998.59	-36.0	-28.0	0.1	42.0	0.0	-91.0
B427	902	GEO_Eqn_6.12b_nls15	3498.36	-36.0	-21.0	0.1	42.0	-0.1	-79.0
B427	902	GEO_Eqn_6.12b_nls15	3998.12	-36.0	-13.0	0.1	42.0	-0.1	-70.0
B427	902	GEO_Eqn_6.12b_nls15	4497.89	-36.0	-6.0	0.1	42.0	-0.2	-65.0
B427	902	GEO_Eqn_6.12b_nls15	4997.65	-36.0	2.0	0.1	42.0	-0.3	-64.0
B427	902	GEO_Eqn_6.12b_nls15	5497.42	-36.0	9.0	0.1	42.0	-0.4	-67.0
B427	902	GEO_Eqn_6.12b_nls16	0	-33.0	-38.0	-0.3	36.0	-1.0	-116.0
B427	902	GEO_Eqn_6.12b_nls16	499.77	-33.0	-31.0	-0.3	36.0	-1.0	-99.0
B427	902	GEO_Eqn_6.12b_nls16	999.53	-33.0	-24.0	-0.3	36.0	-1.0	-86.0
B427	902	GEO_Eqn_6.12b_nls16	1499.3	-33.0	-16.0	-0.3	36.0	-0.4	-76.0
B427	902	GEO_Eqn_6.12b_nls16	1999.06	-33.0	-9.0	-0.3	36.0	-0.2	-70.0
B427	902	GEO_Eqn_6.12b_nls16	2498.83	-33.0	-1.0	-0.3	36.0	-0.1	-67.0
B427	902	GEO_Eqn_6.12b_nls16	2998.59	-33.0	6.0	-0.3	36.0	0.1	-68.0
B427	902	GEO_Eqn_6.12b_nls16	3498.36	-33.0	14.0	-0.3	36.0	0.3	-73.0
B427	902	GEO_Eqn_6.12b_nls16	3998.12	-33.0	21.0	-0.3	36.0	0.4	-82.0
B427	902	GEO_Eqn_6.12b_nls16	4497.89	-33.0	29.0	-0.3	36.0	1.0	-94.0
B427	902	GEO_Eqn_6.12b_nls16	4997.65	-33.0	36.0	-0.3	36.0	1.0	-111.0
B427	902	GEO_Eqn_6.12b_nls16	5497.42	-33.0	43.0	-0.3	36.0	1.0	-130.0