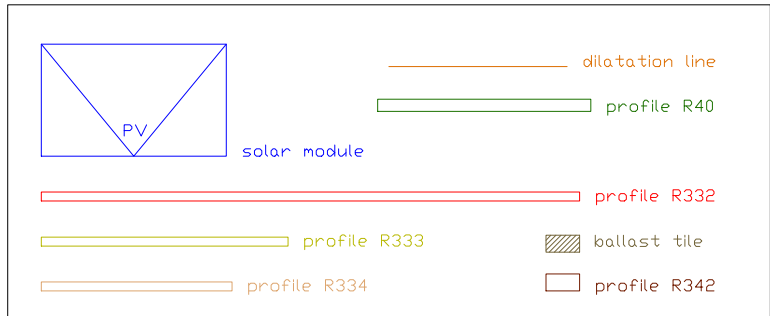
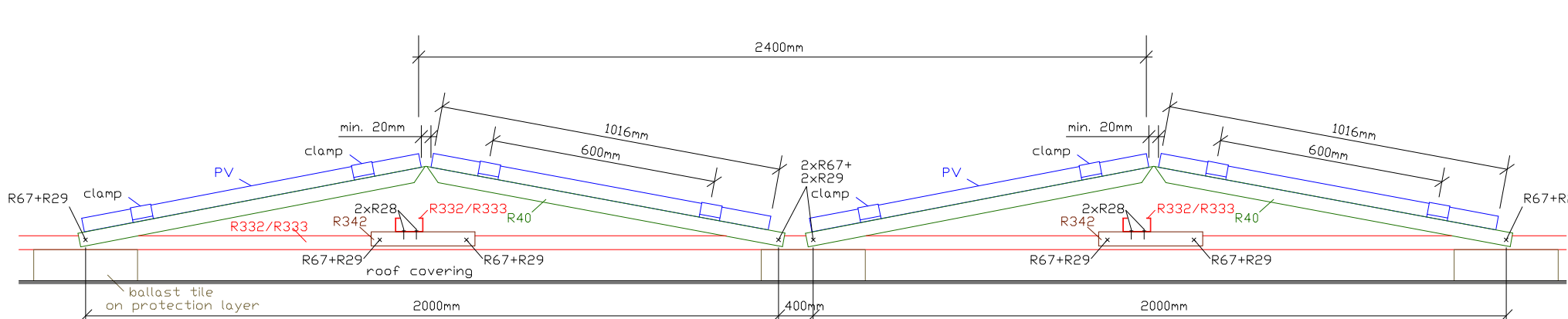


SECTION VIEW (PART OF STRUCTURE)*



	ZONE	1	2	3	TOTAL
QUANTITY OF MODULES	156	70	78	36	244
QUANTITY OF TRIANGLES B46	87	42	42	20	199
QUANTITY OF RAIL PROFILES K332	935	26	26	12	919
QUANTITY OF RAIL PROFILES K333	8	14	14	2	38
QUANTITY OF RAIL PROFILES K324	18	3	3	18	42
QUANTITY OF CONNECTING PROFILES K246	87	42	42	28	199
QUANTITY OF MIDDLE CLAMPS	252	144	144	32	572
QUANTITY OF END CLAMPS	96	24	24	80	224
QUANTITY OF BALLAST TOLLS	123	70	70	40	303
AV. WEIGHT PER M. DLE (kg)	114	329	379	150	144
AV. NET WEIGHT PER M. DLE (kg)	114	329	379	150	144
AV. WEIGHT PER END DLE (kg)	258	29	29	29	29



SILAR PANELS:
 • panel length = 18'
 • distance between rows = 54"
 • panel weight = 1500lb
 • panel width = 102cm
 • panel height = 150cm
 • points from 1 to 54cm - strings with clamps
 • laser between panels = 20cm

BALLAST TILES
 • dimensions = 30cm x 15cm x 6cm
 • weight = 6.5kg/each

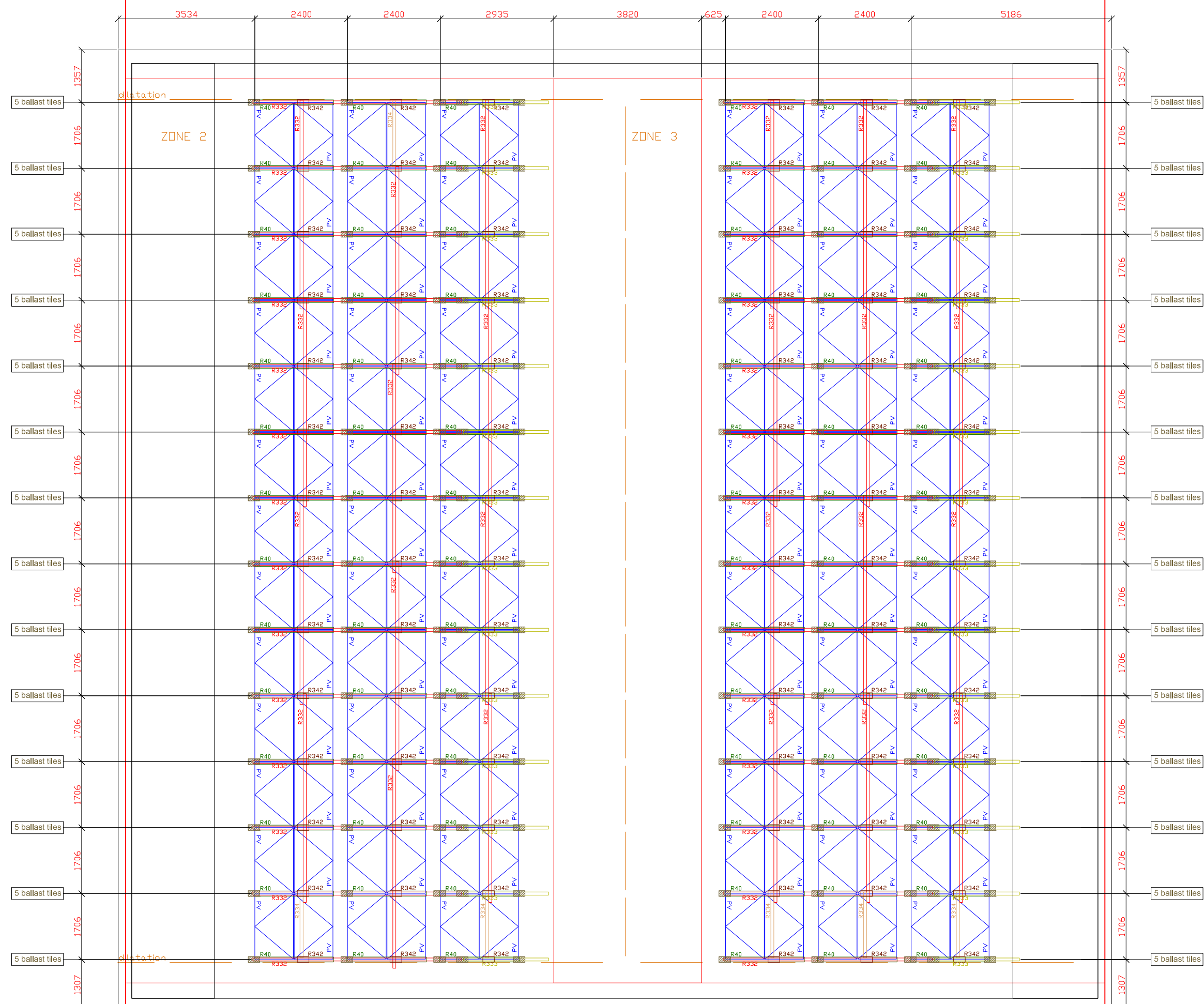
Design life time = 25 years
 Consequence class = EN-1991-1-4
 Country: Netherlands

WIND LOADS (according to EN-1991-1-4)
 • wind zone
 • terrain category: III
 • building height: 10m
 → $s_{ref} = 0.94 \text{ m/s}$
 → $s_{ref} = 0.94 \text{ m/s}$
 → $s_{ref} = 0.94 \text{ m/s}$
 are taken from spectra and used for calculation of ballast
 are taken from spectra and used for calculation of ballast

INDEN LOADS (according to EN-1991-1-3)
 • $s_{ref} = 0.94 \text{ m/s}$
 • $s_{ref} = 0.94 \text{ m/s}$
 • $s_{ref} = 0.94 \text{ m/s}$
 • $s_{ref} = 0.94 \text{ m/s}$

ADDITIONAL LOADS
 • no loads

Strength class according to EN 1992-1-1
 Design effect class: V200, H100



ACCESSORIES		
Element	Description	Quantity
	R08 - screw 5/6x22 (CONTRAD - 0.8 Duplex) connecting covering profiles to triangle profiles	796
	R09 - locking nut M8 (DEKOFIT - Duplex) for bolts R07	796
	R12 - screw 4/2x33 (CONTRAD - A2-70 with washer 5.2x15 - EPDM for expansion in sub- bait tiles	502
	R04 - plastic plug 56 for screws R12	502
	R07 - sub-bait 150 (ENB12 - 0.8 Duplex) connecting triangle profile to cable gutter	796
	R05 - zinc plate (zinc) for triangle profiles	199

	BALLAST TILES (* with protection layers)	303	NON SAFET
	MIDDLE CLAMPS (* both ME)	572	
	END CLAMPS (* both ME)	234	

d.d. 11-12-2017
geen opmerkingen

Eigenenergie - HOF PLATDAK (E-W)
structural drawing

[illegible]

Project Reference: Eigenenergie – HOF PLATDÄK Sub: M011 Structural drawing		Project Start Date: 2017-11-18	
		Sub: -	
Eigenenergie client Flat/loft		Drawn by: PA Checked by: WN	
Final drawing STRUCTURAL DRAWING This drawing must be printed on paper size minimum A3		Project Number: 0200079761 Drawing No. (+/-): 0 M011 – A FORMAT A0	