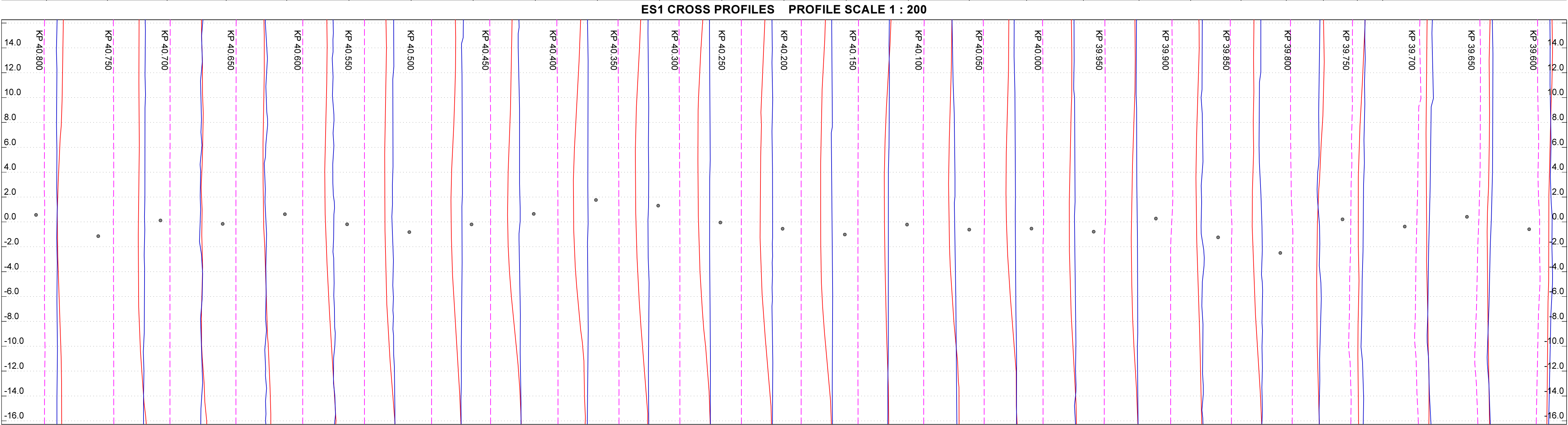
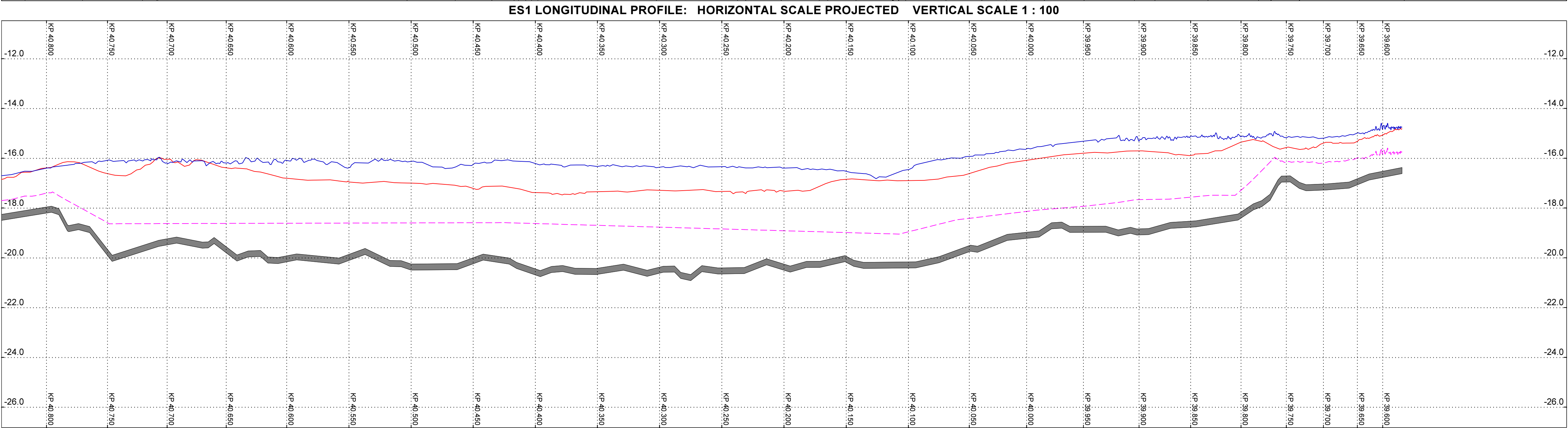
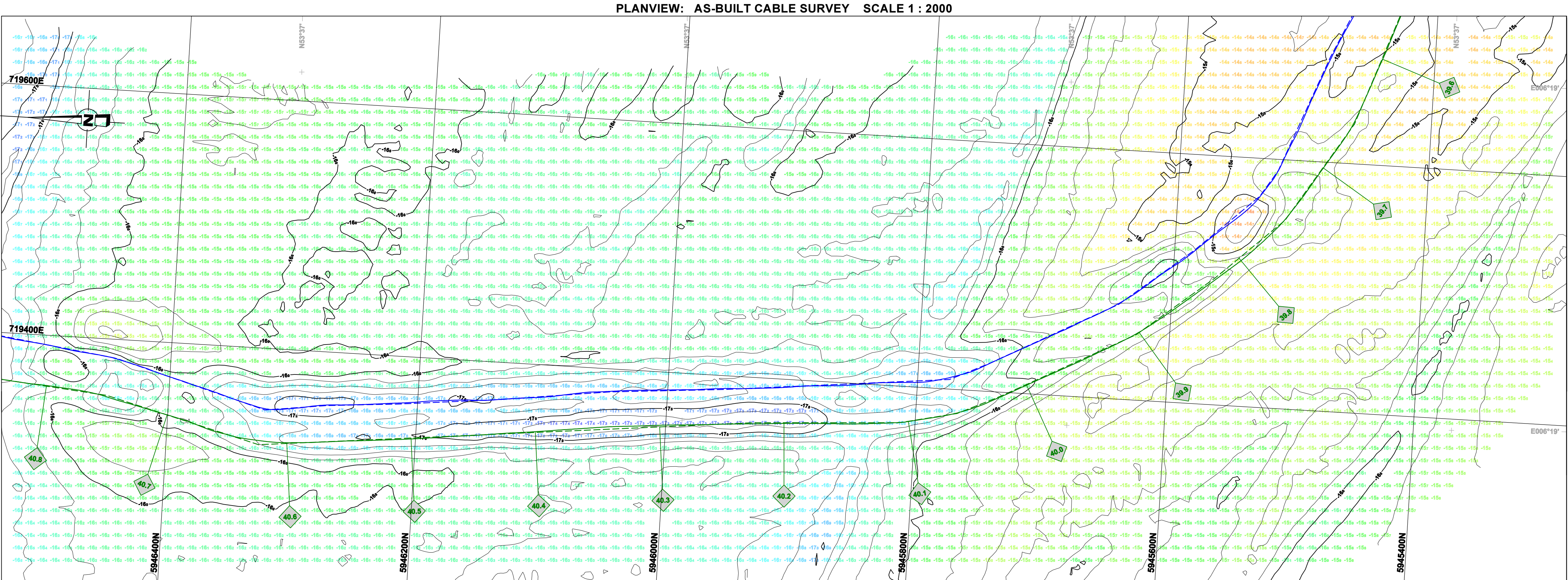




NOTES

GEODETIC INFORMATION

Spheroid : ETRS89
Geodetic Transformation : None
Datum : ETRS89
Projection : Universal Transverse Mercator (UTM) Zone 31 North (Central Meridian 3° East)
Vertical Datum : Depths are reduced to LAT

EQUIPMENT

Vessel : Geo Focus
Positioning : Trimble Applanix POS MV / IXSEA Hydrins
Heading Sensor : Trimble Applanix POS MV / IXSEA Hydrins
Attitude Sensor : Trimble Applanix POS MV / IXSEA Hydrins
Multibeam Echosounder : Reson 7125
SV Sensor : Valeport MiniSVS
SV Probe : Valeport MiniVP

SOFTWARE

Data acquisition : PDS2000
Data processing : PDS2000 / VOSS.net

Cable Details

Cable Type : Export Cable 800 mm²
Cable Diameter : 241 mm
Trenched Date : July 2015
Post Trench Cable Survey Date : July/October 2015

LEGEND

PLANVIEW

N 6619000
+ 66°00'46" N
0.250
Route KP annotation
Seabed contours LAT at 0.25m (labelled at 1.0m interval)
Export Cable corridor
ES1 Export Cable design route
ES1 Export Cable route As-Built
ES2 Export Cable design route
ES2 Export Cable route As-Built

LONGITUDINAL PROFILE

ES1 As-Built - Interpreted From Collated As-Trenched Data
Pre Survey Seabed
Permit Requirement for Depth of Burial
As Built Seabed

CROSS PROFILE

ES1 As-Built - Interpreted From Collated As-Trenched Data
Pre Survey Seabed
Permit Requirement for Depth of Burial
As Built Seabed

KEYPLAN

SCALE BAR

SCALE 1:2000

0 m 100 m 200 m

CLIENT

Gemini

CONTRACTOR

Van Oord
Marine ingenuity

PROJECT NAME

**Gemini Offshore Windpark
ZeeEnergy & BuitenGaats**

Rev.	Date	Description	TNG	WKA	DGU
0	25-11-2015	As-Built	TNG	WKA	DGU

DRAWING TITLE

**As-Built Cable Survey Chart
ES1 - Export Cable
KP 39.600 to KP 40.800**

Van Oord Project/Dwg. No.	144082-VOWP-SUR-DWG-22334	1:2000 Scale	A1 Size
Dwg. No.		1 of 1 Sheet	0 Cur. Rev.

© Van Oord nv, 2015