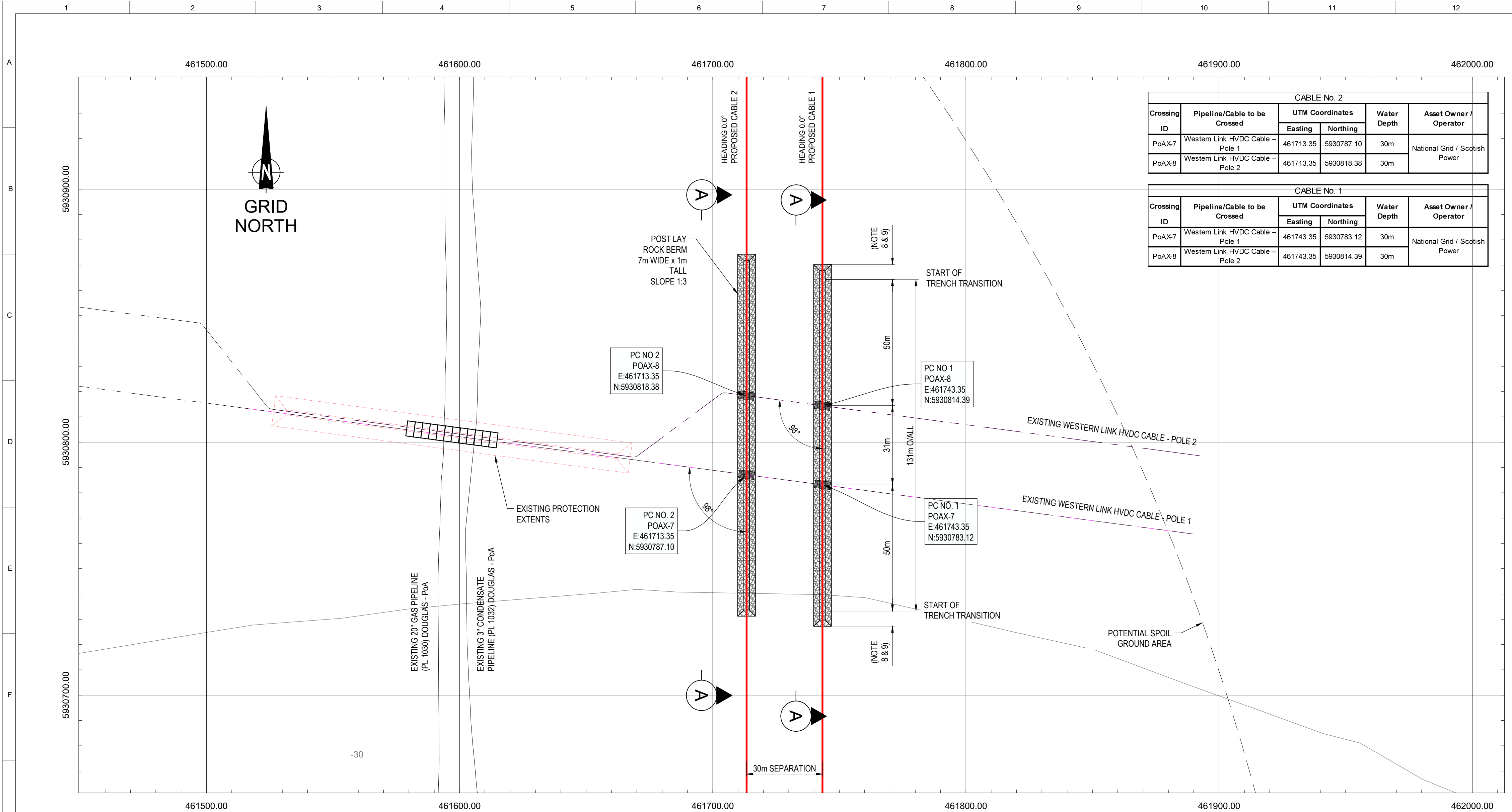
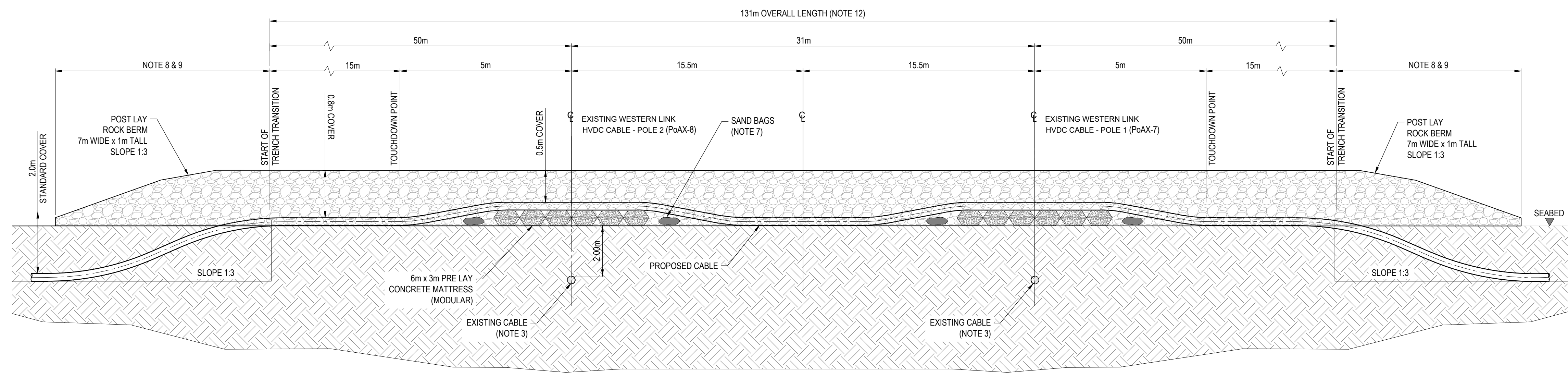




PLAN VIEW ON EXISTING WESTERN LINK
HVDC CABLE CROSSING (PoAX-7 & PoAX-8)
SCALE 1:1000

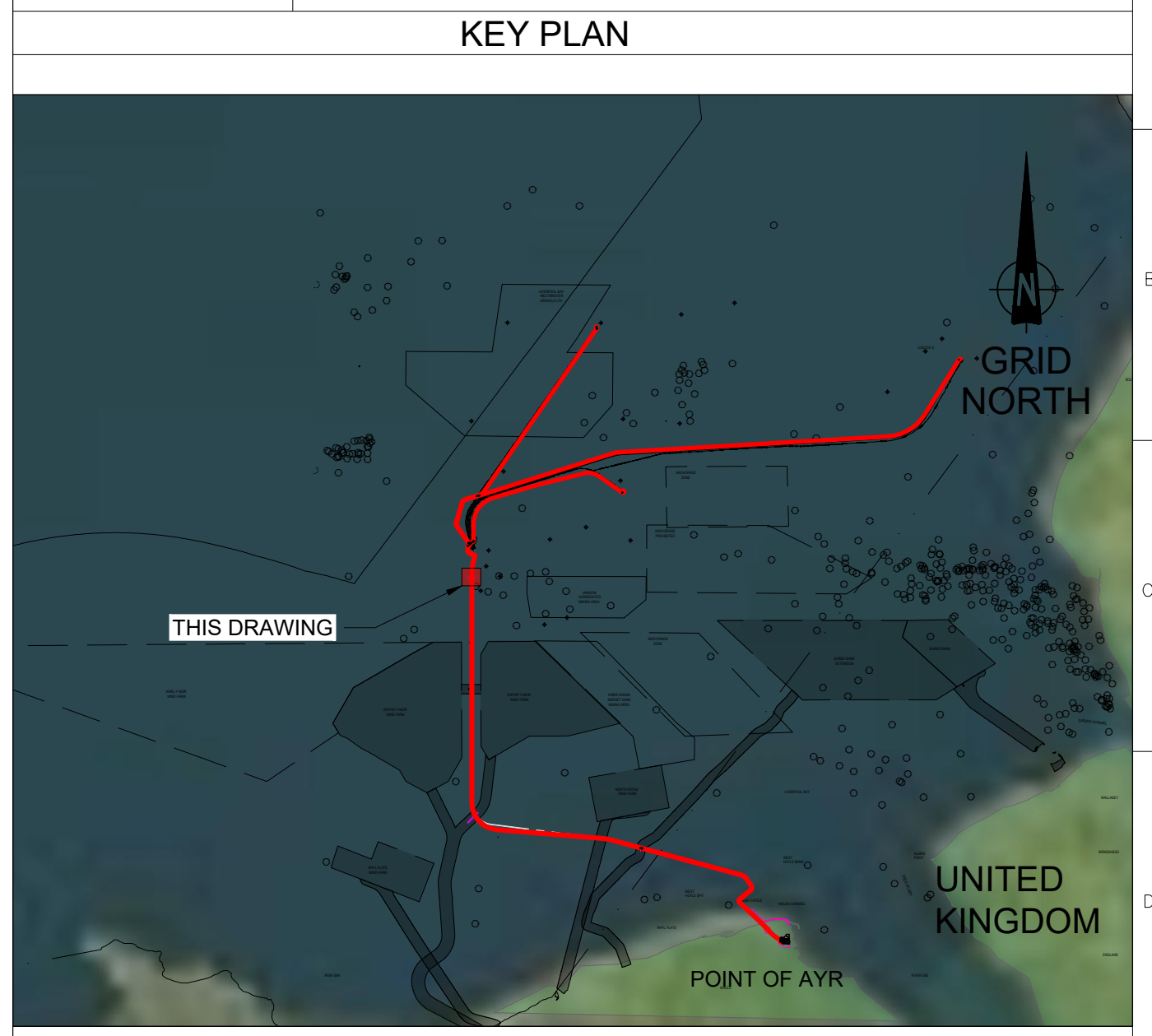


VIEW A
SCALE N.T.S.

CABLE No. 2					
Crossing ID	Pipeline/Cable to be Crossed	UTM Coordinates		Water Depth	Asset Owner / Operator
		Easting	Northing		
PoAX-7	Western Link HVDC Cable - Pole 1	461713.35	5930787.10	30m	National Grid / Scottish Power
PoAX-8	Western Link HVDC Cable - Pole 2	461713.35	5930818.38	30m	

CABLE No. 1					
Crossing ID	Pipeline/Cable to be Crossed	UTM Coordinates		Water Depth	Asset Owner / Operator
		Easting	Northing		
PoAX-7	Western Link HVDC Cable - Pole 1	461743.35	5930783.12	30m	National Grid / Scottish Power
PoAX-8	Western Link HVDC Cable - Pole 2	461743.35	5930814.39	30m	

REFERENCE DOCUMENTS	
NUMBER	TITLE
1025H08SDG84104	NEW OFFSHORE POWER CABLE AND FIBRE OPTIC FIELD LAYOUT (OFFSHORE SECTION)
1025DSBSCZ84173	OFFSHORE CABLES PRELIMINARY CROSSING DESIGN REPORT



GENERAL NOTES

- ALL DIMENSIONS AND COORDINATES ARE IN METRES UNLESS NOTED OTHERWISE.
- GLOBAL COORDINATE REFERENCE SYSTEM: European Datum 1950 UTM Zone 30N (EPSG: 23030)
- PROJECTED COORDINATE SYSTEM
PROJECTION TRANSVERSE MERCATOR
LINEAR UNIT METERS (1.0)
FALSE EASTING 500000.0
FALSE NORTHING 0.0
CENTRAL MERIDIAN -3.0
SCALE FACTOR 0.9996
LATITUDE OF ORIGIN 0.0
- GEOGRAPHIC COORDINATE SYSTEM
ANGULAR UNIT DEGREE (0.0174532925199433)
PRIME MERIDIAN GREENWICH (0.0)
DATUM European 1950
SPHEROID International 1924
SEMI-MAJOR AXIS 6378388.0
SEMI-MINOR AXIS 6356911.946127946
INVERSE FLATTENING 297
- EXISTING CABLES CROSSED ASSUMED BURIED TO A DEPTH OF 2.00m, TO BE CONFIRMED BY EPC CONTRACTOR.
- ASSUMED INSTALLATION TOLERANCE FOR PRE-LAY CONCRETE MATTRESSES OF ±0.5m LAT/LONG.
- THE POSITIONING OF THE CONCRETE MATTRESS WILL BE BASED ON THE ACTUAL SITE CONDITION DURING INSTALLATION. THE EPC CONTRACTOR SHALL ESTABLISH EXACT LOCATION OF CROSSINGS AND REPORT FINDINGS.
- THE CABLE MINIMUM BENDING RADIUS IS ASSUMED TO BE 2.4m DURING INSTALLATION AND OPERATION.
- AFTER CABLE LAYING, SAND BAGS SHALL BE INSTALLED, IF NECESSARY, IN A SUFFICIENT NUMBER IN ORDER TO AVOID THE TRANSFER OF LOADS TO POWER CABLE AT FREE SPANS FROM CONCRETE MATTRESS PROTECTION.
- ROCK DUMP (AND / OR CONCRETE MATTRESS) PROTECTION EXTENTS TO BE CONFIRMED. ROCK BERM STABILITY CALCULATIONS NEED TO BE PERFORMED BY EPC CONTRACTOR.
- PROTECTION REQUIREMENTS AT THE TRENCH TRANSITION ZONE TO BE CONFIRMED BY EPC CONTRACTOR.
- CROSSING INSTALLATION SHALL BE IN ACCORDANCE WITH POWER CABLE INSTALLATION SPECIFICATION No. 1025H08SSA84108.
- DURING INSTALLATION OF MATTRESS AND SUBMARINE CABLE, ALL NECESSARY MEASURES SHALL BE TAKEN TO PROTECT THE EXISTING FACILITIES.
- ALL DIMENSIONS ARE INDICATIVE ONLY, FINAL LENGTHS TO BE CONFIRMED BY EPC CONTRACTOR.

LEGEND

CD-FE	03	21.07.2023	RE-ISSUED FINAL	N.Z	E.R	S.G	
CD-FE	02	21.04.2023	RE-ISSUE FOR COMMENT	N.Z	E.R	S.G	
CD-FE	01	15.11.2022	ISSUED FINAL	R.D	E.R	S.G	
CD-FE	00	04.11.2022	ISSUED FOR COMMENT	R.D	E.R	S.G	
Validity Status	Issue Number	Date	Description	Prepared	Checked	Approved	Approved Eni UK
Revision Index							
Company logo and business name				Company Document ID			
 				1025HTBSDG84177			
Facility and Sub Facility Name		Project Name		Scale		Sheet of Sheets	
DOUGLAS SUBSEA		LBA CCS Transport and Storage		ASNOTED @A1		1 / 1	
Document Title				Supersedes N.			
TYPICAL CROSSING				Superseded by N.			
GENERAL ARRANGEMENT DRAWING FOR POWER CABLE FROM POINT OF AYR - DOUGLAS CCS (PoAX-7 & PoAX-8)				Plant Area		Plant Unit	
				N/A		N/A	