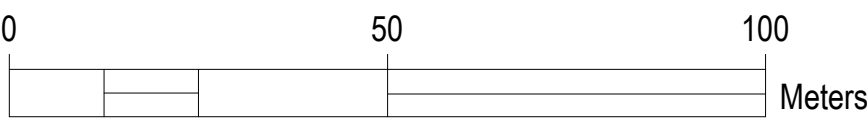
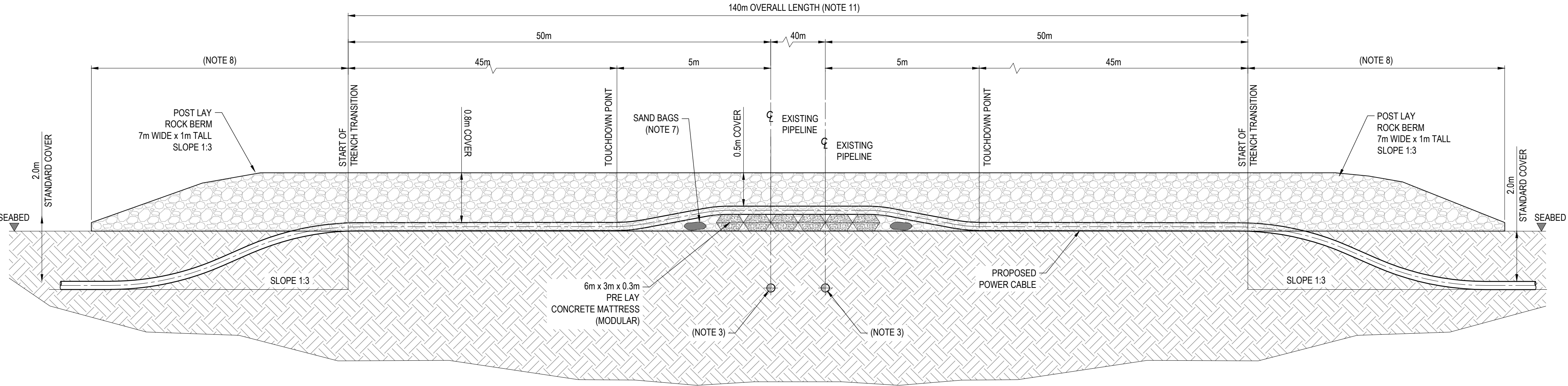


PLAN VIEW OF POWER CABLE DOUGLAS CCS - LENNOX  
CROSSING (DLX-1, 2 & 3)

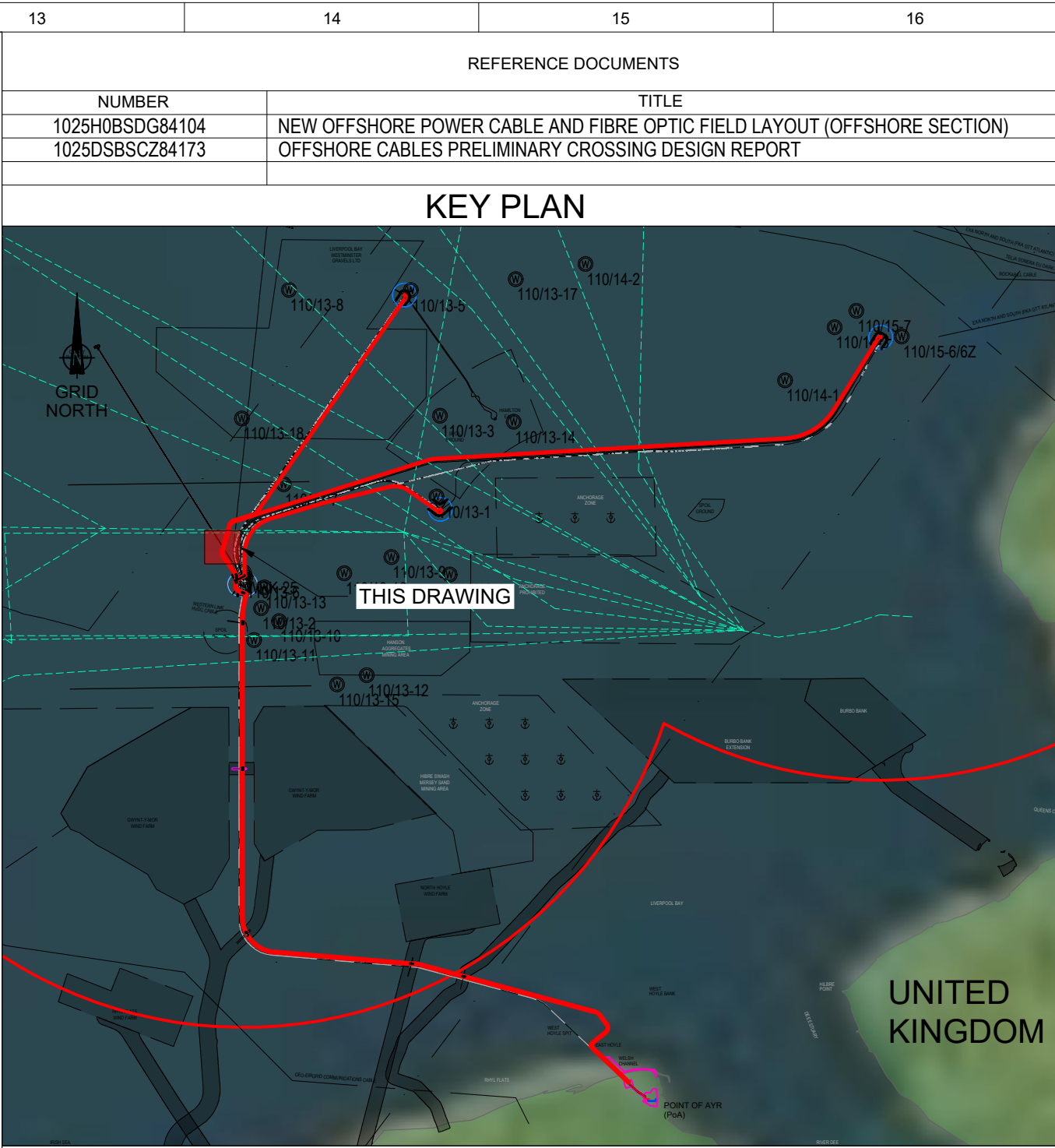
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POWER CABLE - DOUGLAS CCS to LENNOX					
Tag No.	Description of Crossing	UTM Coordinates		Water Depth	Asset Owner / Operator
		Easting	Northing		
DLX-1	8" (PL 2939) Production to CONWY	460930.88	5933905.83	27m	LBA
DLX-2	3" (PL 2941) Condensate PL to CONWY	460931.03	5933906.36	27m	LBA
DLX-3	8" (PL 2940) Water Injection Pipeline to CONWY + Control Umbilical (PLU 2942) from Douglas to CONWY	460941.84	5933944.00	27m	LBA
DLX-4	14" Oil Export (PL 1031) to OLU	461479.34	5935071.92	25m	LBA
DLX-5	14" Gas Export (PL 1041) + 2" Methanol (PL 1042) from Hamilton North	462039.41	5935248.85	25m	LBA
DLX-6	Existing Power Cable to Hamilton North	462084.05	5935262.96	25m	LBA



VIEW  
SCALE N.T.S.



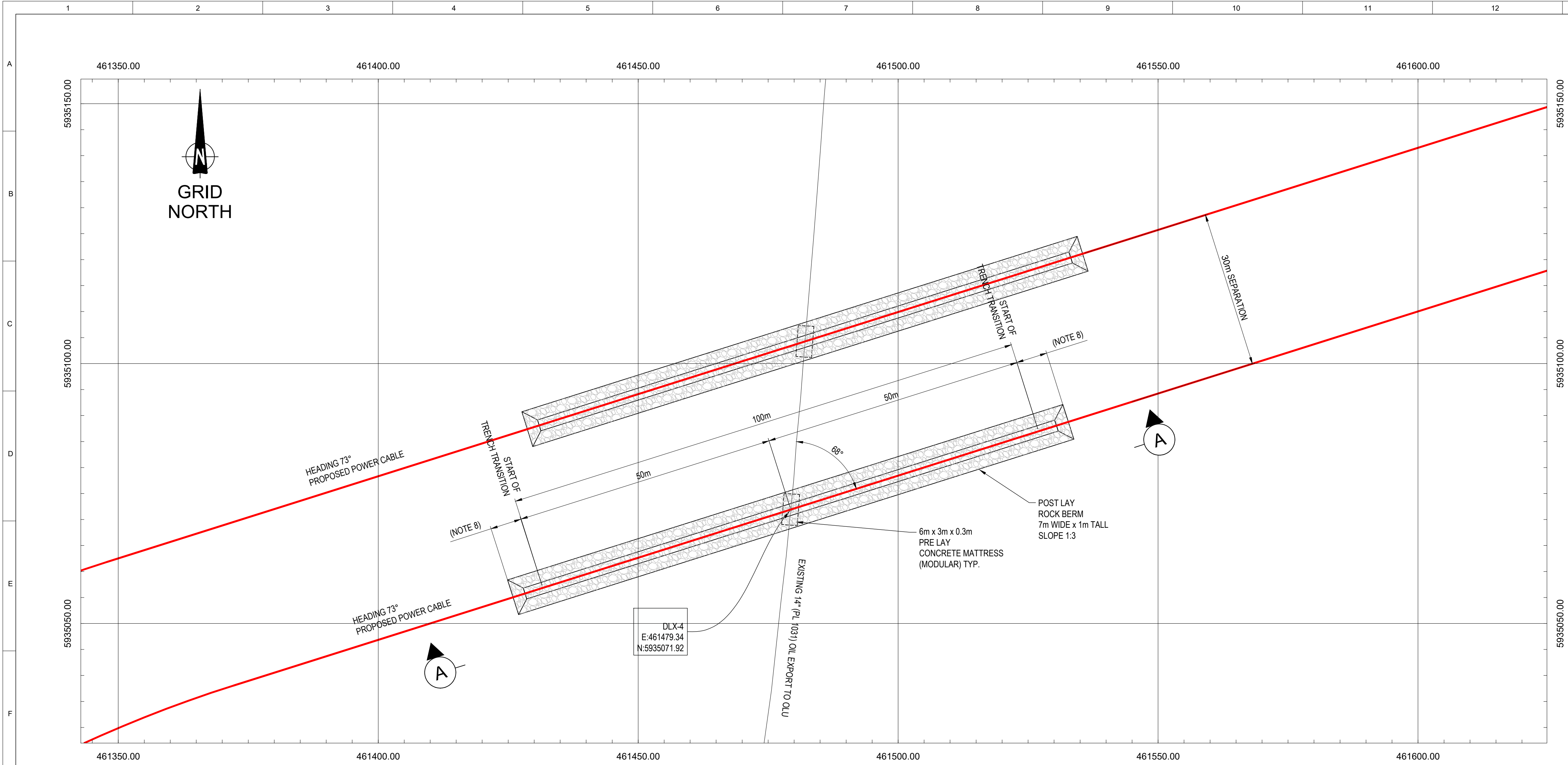
GENERAL NOTES

- ALL DIMENSIONS AND COORDINATES ARE IN METRES UNLESS NOTED OTHERWISE.
- GLOBAL COORDINATE REFERENCE SYSTEM: European Datum 1950 UTM Zone 30N (EPSG: 23030)
- EXISTING PIPELINES CROSSED, DEPTH OF COVER TO BE CONFIRMED BY EPC CONTRACTOR.
- ASSUMED INSTALLATION TOLERANCE FOR PRE-LAY CONCRETE MATTRESSES OF  $\pm 0.5m$  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 PROTECTION TO BE EXTENDED UNTIL CABLE REACHES 2m BURIAL DEPTH OF COVER.
- CROSSING INSTALLATION SHALL BE IN ACCORDANCE WITH POWER CABLE INSTALLATION SPECIFICATION No. 1025H0BSSA84108.
- DURING INSTALLATION OF ROCK DUMP, 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

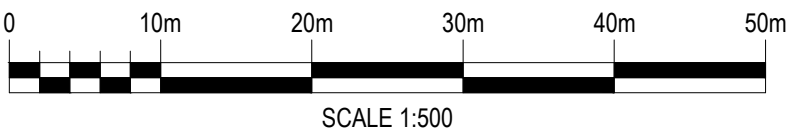
CD-FE	01	18.08.2023	ISSUED FINAL	N.Z.	E.R.	S.G.	
Validity	02	21.07.2023	ISSUE FOR COMMENT	N.Z.	E.R.	S.G.	
Revision Index		Date	Description	Prepared	Checked	Approved	Approved
Company logo and business name				Company Document ID			
enl uk progetti				105600BSP84917			
Facility and Sub Facility Name				Job: N. JA0614			
DOUGLAS SUBSEA				Project Name			
				LBA CCS Transport and Storage			
Document Title				Scale			
TYPICAL CROSSING				ASNOTED @A1			
GENERAL ARRANGEMENT DRAWING FOR POWER CABLE				Supersedes N.			
FROM - DOUGLAS CCS - LENNOX (DLX-1 & DLX-6)				Plant Area			
				NA			
				Plant Unit			
				NA			



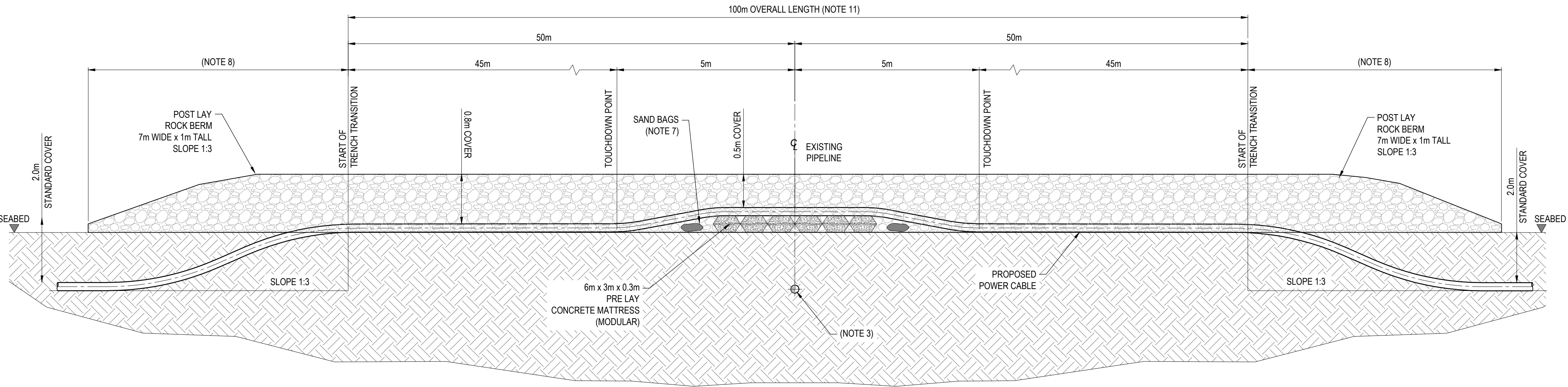


PLAN VIEW OF POWER CABLE DOUGLAS CCS - LENNOX CROSSING (DLX-4)

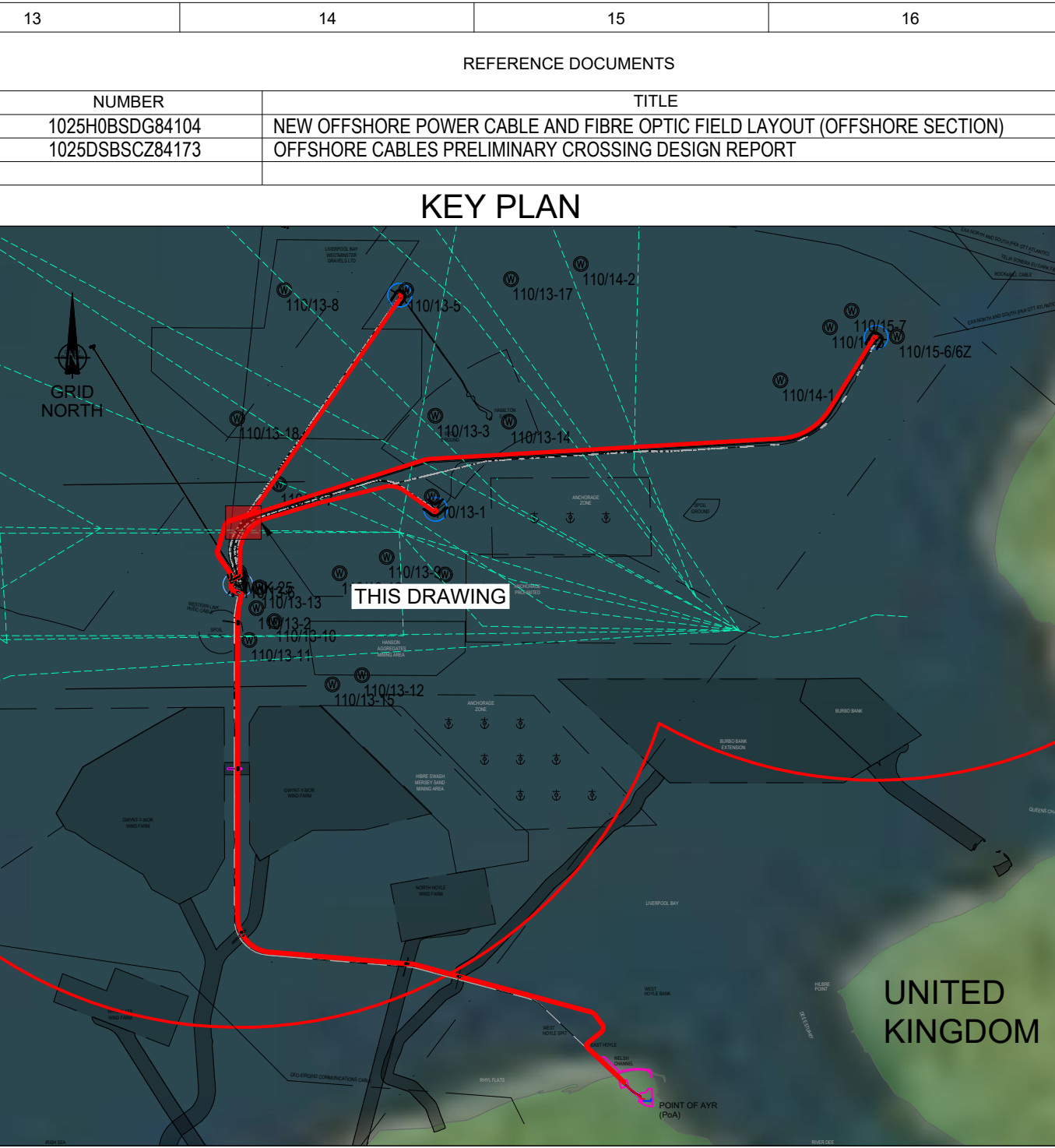
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POWER CABLE - DOUGLAS CCS to LENNOX					
Tag No.	Description of Crossing	UTM Coordinates		Water Depth	Asset Owner / Operator
		Easting	Northing		
DLX-1	8" (PL 2939) Production to CONWY	460930.88	5933905.83	27m	LBA
DLX-2	3" (PL 2941) Condensate PL to CONWY	460931.03	5933906.36	27m	LBA
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DLX-5	14" Gas Export (PL 1041) + 2" Methanol (PL 1042) from Hamilton North	462039.41	5935248.85	25m	LBA
DLX-6	Existing Power Cable to Hamilton North	462084.05	5935262.96	25m	LBA



VIEW A  
SCALE N.T.S.



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: European Datum 1950 UTM Zone 30N
- 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: European Datum 1950
- 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 PIPELINES CROSSED, DEPTH OF COVER 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.
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- DURING INSTALLATION OF ROCK DUMP, 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	01	18.08.2023	ISSUED FINAL	N.Z.	E.R.	S.G.	
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Revision Index		Date	Description	Prepared	Checked	Approved	Approved
Company logo and business name				Company Document ID			
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DOUGLAS SUBSEA				Job: N. JA0614			
Project Name				Scale			
LBA CCS Transport and Storage				ASNOTED @A1			
Document Title				Supersedes N.			
TYPICAL CROSSING				Plant Area			
GENERAL ARRANGEMENT DRAWING FOR POWER CABLE				Plant Unit			
FROM - DOUGLAS CCS - LENNOX (DLX-1 & DLX-6)				NA			



