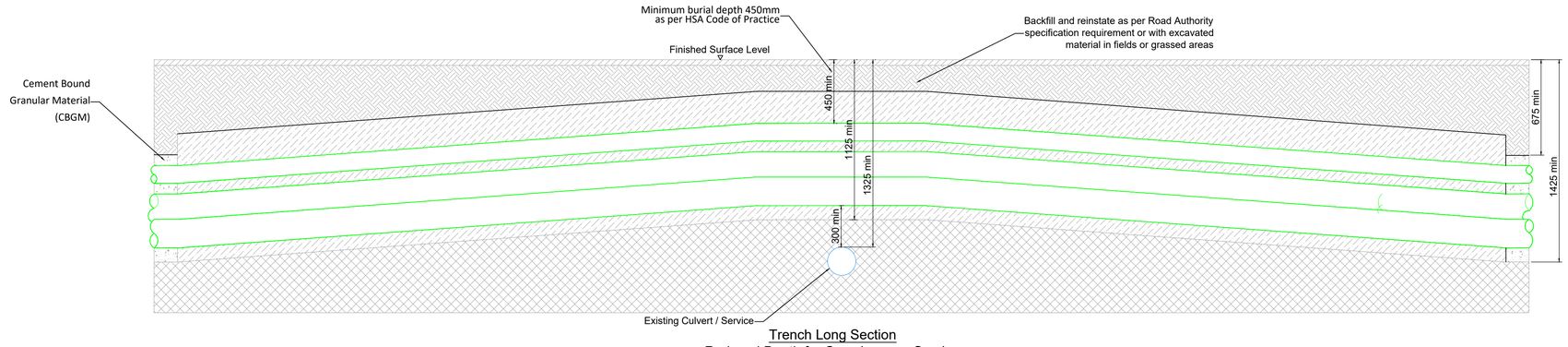
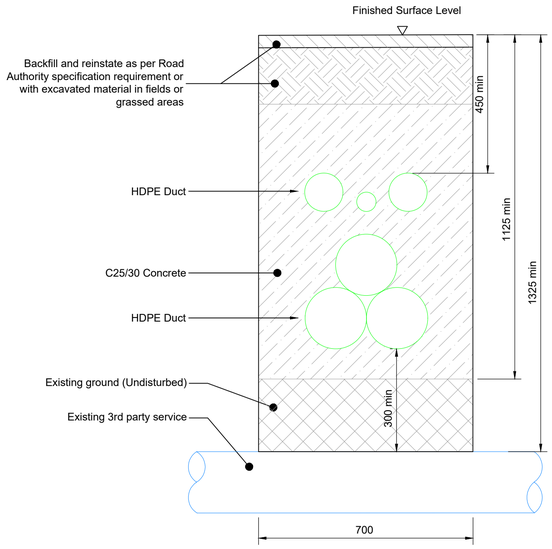


Trench Long Section
Reduced Depth for Crossing over Service
220 kV Trefoil Formation
Not to Scale



Trench Cross Section
Reduced Depth for Crossing over Service
220 kV Trefoil Formation
Scale 1:10

NOTES:

1. All Dimensions in millimeters.
2. Cable Trenches to be designed in accordance with EirGrid specification OFD-SSS-527 - Standard crossing above service in trefoil formation.

KEY OF SYMBOLS

- Concrete
- Backfill material
- Existing Ground
- High Density Polyethylene (HDPE) Duct
- Third Party Service

REFERENCE DRAWINGS

229100714-MMD-00-XX-DR-C-0201/0232 Onshore Site Layout Plans Sheets 1-32

229100714-MMD-00-XX-DR-C-0051 220 kV Cable - Inroad Cross Sections
229100714-MMD-00-XX-DR-C-0052 220 kV Cable - Offroad Cross Sections
229100714-MMD-00-XX-DR-C-0053 220 kV Cable - Precast Joint Bay
229100714-MMD-00-XX-DR-C-0054 220 kV Cable - Communications Chamber
229100714-MMD-00-XX-DR-C-0055 220 kV Cable - Link Box Chamber
229100714-MMD-00-XX-DR-C-0057 220 kV Cable - Flat Crossing Above Service
229100714-MMD-00-XX-DR-C-0058 220 kV Cable - Trefoil Crossing Below Service
229100714-MMD-00-XX-DR-C-0059 220 kV Cable - Flat Crossing Below Service
229100714-MMD-00-XX-DR-C-0060 220 kV Cable - Crossing below Riverbed
229100714-MMD-00-XX-DR-C-0061 220 kV Cable - Transition Pit

EcoDoc NUMBER:
005283162-04

DRAWING STATUS
PUBLIC

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MAP NOTES / DATA SOURCES:

PROJECT TITLE:
Dublin Array Offshore Wind Farm

DRAWING TITLE:
220kV Cable Trefoil Crossing Above Service

DRAWING NUMBER: 229100714-MMD-00-XX-DR-C-0056
SHEET NUMBER: 01 OF 01

VER	DATE	REMARKS	DRAW	CHECK	APRD
PL1	2024-10-18	For Submission	SHY	DMC	TK
PL2	2024-11-04	For Submission	SHY	DMC	TK

SCALE: 1:10 | DATUM: IRENET95 | VERTICAL REF:
PLOT SIZE: A1 | PRJ: IRENET95 IRISH TRANSVERSE MERCATOR

Metres 0.3 0 0.3 0.6
1:10
GRID NORTH

MOTT MACDONALD
Dublin Array Generation for generations
Kish Offshore Wind Limited - Bray Offshore Wind Limited