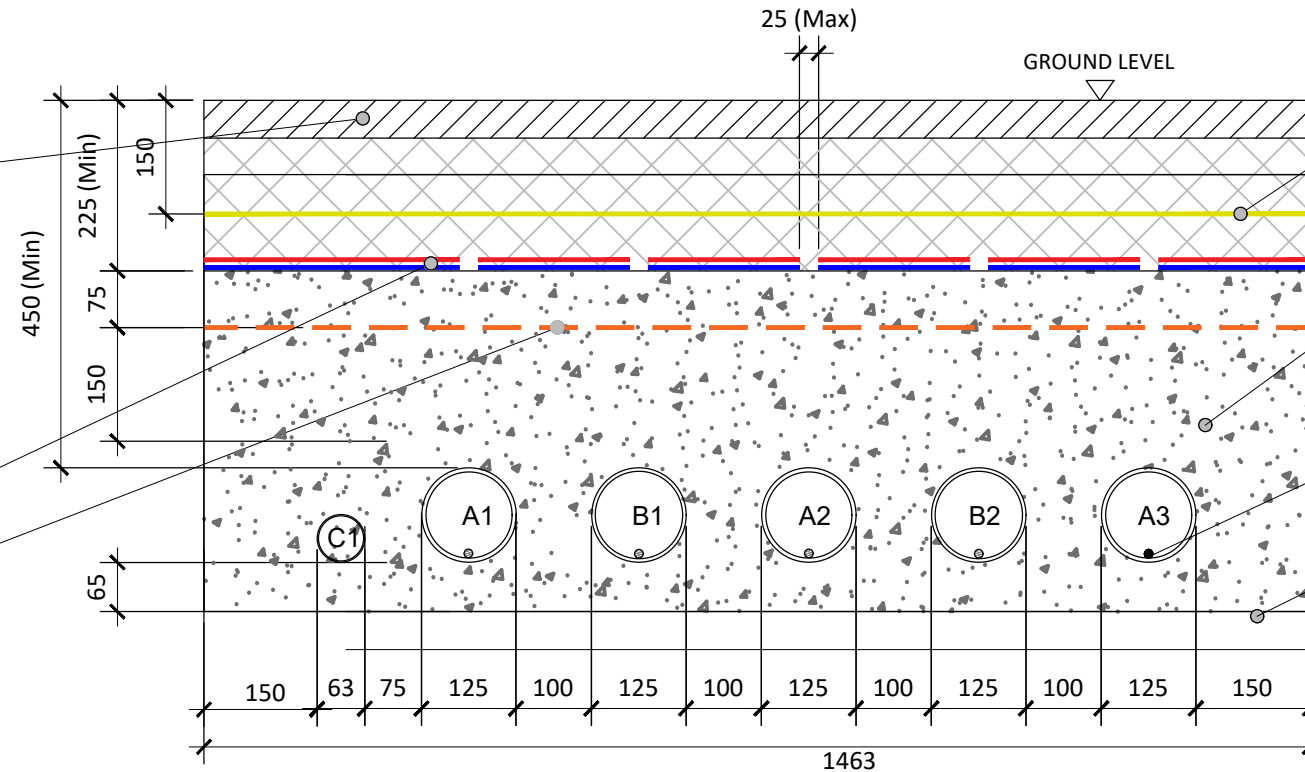


Road backfill & reinstatement to be in accordance with *Guidelines for Managing Openings in Public Roads* (Purple Book - April 2017).

450mm is the minimum acceptable clearance dimension from the road surface to the top of the highest cable duct where the cable trench is in the carriageway

Heavy duty 6x200mm wide galvanized steel plates with red marker strips fixed to the top surface 25mm max spacing between plates

A393 mesh to be installed until standard cover is achieved over hv ducts and communication ducts



2 x 500mm wide ESN yellow warning tape across full width of trench [ESB Code: 2955092]

C25/30 rapid hardening concrete to be in accordance with TII Specification for Road Works Series 1000.

12mm diam pull rope in all ducts.

Polythene sheet to be installed if trench is to be installed directly on bridge deck.

A = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 (Power) [ESB Code: 9317552]
 B = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 (Comms) [ESB Code: 9317552]
 C = 63mm: ECC Earth Continuity Conductor [ESB Code: 9317552]

Typical Section Through Ducting in Flat Formation With ECC

SCALE 1:10

Note:

- This drawing is subject to ESB design approval and should not be used for construction.
- This drawing is to be read in conjunction with relevant drawings, specifications and reports
- Dimensions are in millimeters, unless noted otherwise
- Drawings are not to be scaled use figured dimensions only

ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LOCAL AREA ENGINEERS REQUIREMENTS AND GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS



Head Office
 Beenreigh,
 Abbeydorney,
 Tralee, Co. Kerry
 Ireland
 Tel: 00353 66 7135710

CLIENT



PROJECT

Coumragappul Wind Farm
 110kV Grid Connection

PROJECT NUMBER
 05-828

SHEET NUMBER
 05828-DR-152

SHEET TITLE

Typical Section Through Ducting
 in Flat Formation With ECC

DRAWING STATUS
 For Planning

ISSUE/REVISION

ISSUE/REVISION	DATE	DESCRIPTION
P1	13.01.2023	Issued For Planning
I/R	DATE	DESCRIPTION