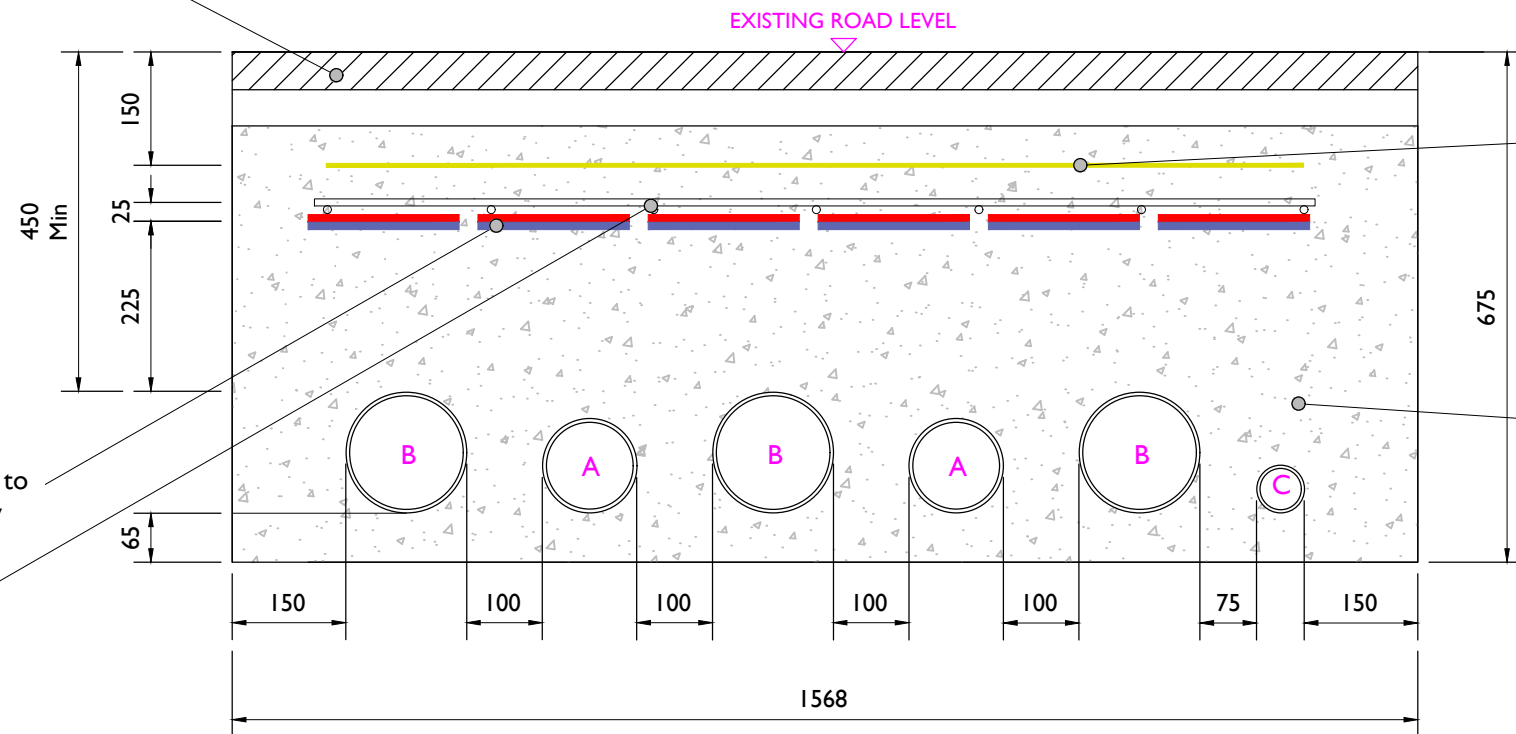


Road reinstatement to be in accordance with *Guidelines for Managing Openings in Public Roads* (Purple Book - April 2017).

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

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



4 X 400mm ESNB yellow warning tape across full width of trench

C25/30 concrete to be in accordance with specification for road works 1000. 20mm max size of aggregate, with minimum duct spacing of 75mm. Min. cover to steel - 50mm.

A = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6
 B= 160mm : Outer Diameter HDPE ESB Approved Duct, SDR=21
 C = 63mm: ECC Earth Continuity Conductor

110kV Ducting in Flat Formation (with ECC duct)

SCALE 1:10

ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LANDOWNER REQUIREMENTS

Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD14

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.



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CLIENT



PROJECT

110kV Baldonnell Substation

PROJECT NUMBER
 05-868

SHEET NUMBER
 05868-DR-007

SHEET TITLE

110kV Ducting in Flat Formation
 With ECC Duct

DRAWING STATUS
 For Planning

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P3	19.05.23	Issued for Planning
P2	15.03.23	Issued for Planning
P1	24.02.23	Issued for Planning