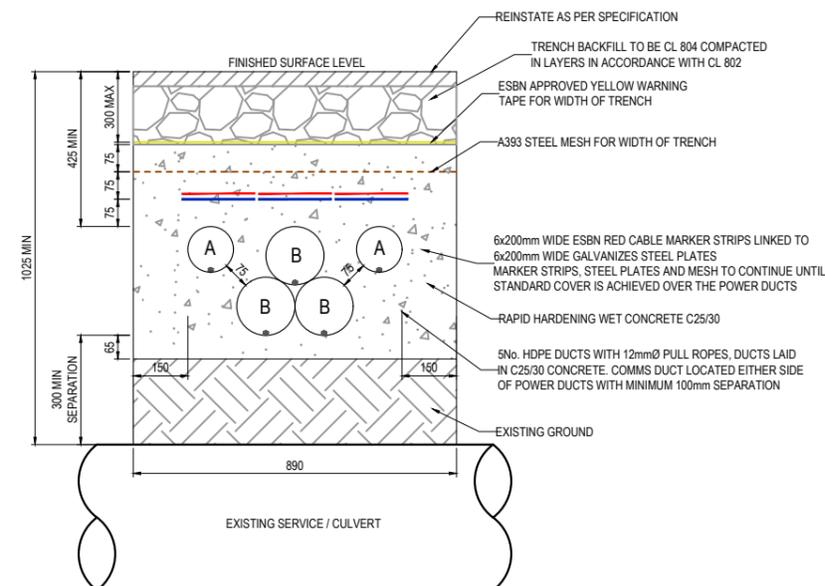


PROFILE
SCALE 1:20



SECTION
SCALE 1:10

NOTES:

- A = COMMS DUCTING 125 mm SDR 17.6 HDPE
B = 110kV DUCTING 160 mm SDR 21 HDPE
- ALL PRODUCTS AND MATERIALS TO BE UTILISED DURING CONSTRUCTION TO COMPLY WITH EIRGRID FUNCTIONAL SPECIFICATION, EBN STANDARDS, TII SPECIFICATION FOR ROAD WORKS AND ALL RELEVANT IRISH (EUROPEAN) AND BRITISH STANDARDS
- 300mm MINIMUM VERTICAL AND HORIZONTAL CLEARANCES TO BE OBSERVED BETWEEN CABLE DUCTS AND 3rd PARTY SERVICES. HIGH RISK 3rd PARTY SERVICES CROSSING TO BE CONSULTED WITH EIRGRID AND SERVICE OWNER
- STEEL PLATES MUST COVER DUCTS. NO OVERLAP IS REQUIRED HOWEVER STANDARD DIMENSIONS MAY RESULT IN AN OVERLAP. SPACING OF 10mm TO BE MAINTAINED BETWEEN STEEL PLATES TO PREVENT THE TRANSFER OF STRAY CURRENT
- THE MINIMUM CLEARANCE BETWEEN ALL HV AND COMMUNICATION DUCTS IS 75mm
- WOODEN TEMPLATES ARE TO BE USED AT 5m INTERVALS DURING DUCT INSTALLATION. PRE-MADE 75mm WIDE CONCRETE SPACERS TO BE USED DURING DUCT INSTALLATION IN WET CONCRETE
- MINIMUM BURIAL DEPTH IS 425mm AS PER REQUIREMENTS OF HSA - CODE OF PRACTICE FOR AVOIDING DANGER FROM UNDERGROUND SERVICES

Rev	Description	Drawn	Checked	Date
P01	ISSUE FOR PLANNING	KT	DRL	21/10/22

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Project **DUB 30
GRID CONNECTION**

Dwg. No. **TYPICAL TRENCH CROSS. OVER 3RD
PARTY-COMMS LOWERED FORMATION**

Drawn By **KT** Date **SEP. 2022** **22_131**

Checked By **DRL** Scale **AS INDICATED @ A1**

Project Code Originator Zone/Phase Level Type Role Dwg. No.

22_131 - CSE - GEN - XX - DR - C - 1542

S2 SUITABLE FOR INFORMATION

P01 PLANNING