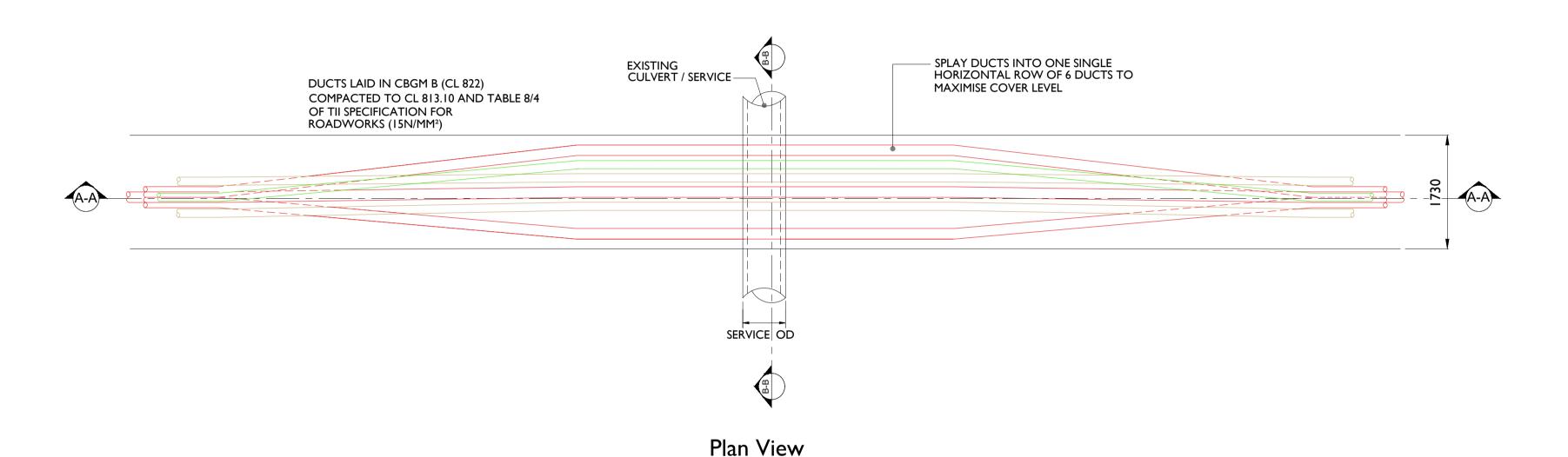


SCALE 1:50



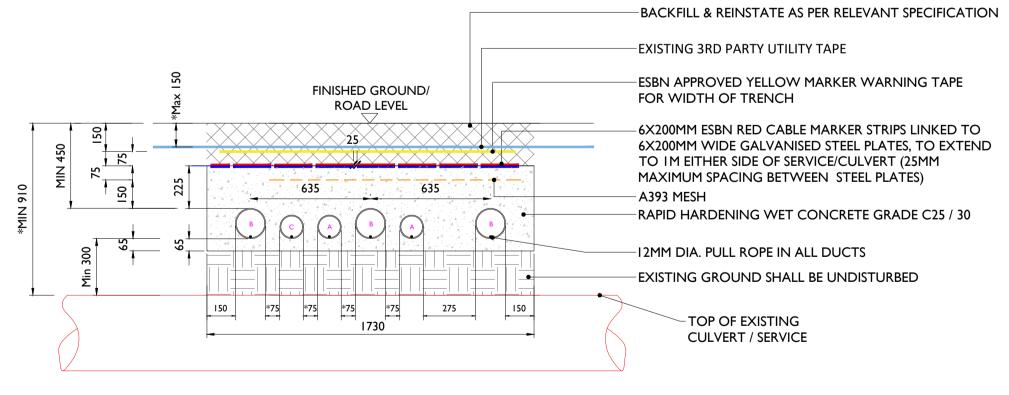
GENERAL NOTES:

- I. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER
- RELEVANT DOCUMENTATION. 2. DO NOT SCALE FROM THIS DRAWING USE ONLY PRINTED DIMENSIONS 3. ALL DIMENSIONS ARE IN MILLIMETRES, ALL CHAINAGES, LEVELS AND
- CO-ORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE. 4. NO EXCAVATION SHALL COMMENCE UNTIL THE CONTRACTOR HAS CONSULTED UP TO DATE SERVICES DRAWINGS AND CARRIED OUT AN ELECTROMAGNETIC LOCATOR (EML) SCAN.
- HAND DIG ONLY WITHIN 500MM OF EXISTING SERVICES. 6. IF COMPACTING CBGM B COULD CAUSE DAMAGE TO THE CULVERT / SERVICE BELOW, USE RAPID HARDENING CEMENT GRADE C25/30 FOLLOWING ENGINEERS PRIOR APPROVAL.
- 7. 300MM MINIMUM VERTICAL AND HORIZONTAL CLEARANCES TO BE OBSERVED BETWEEN CABLE DUCTS AND 3RD PARTY SERICES (E.G. GAS PIPES, WATER MAINS, CULVERTS ETC.). GREATER CLEARANCES MAY BE REQUIRED IN PROXIMITY TO HIGH PRESSURE MAINS, DESIGNER TO
- CONSULT WITH 3RD PARTY SERVICE OWNERS FOR GUIDANCE. 8. FOR STANDARD TRENCH CROSS SECTION DRAWINGS AND MINIMUM HORIZONTAL SEPARATION TO EXISTING SERVICES, SEE 05854-DR-201 to 05854-DR-208 (TREFOIL CONFIGURATION) AND 05854-DR-209 (FLAT
- FORMATION). BACKFILL AS PER GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS - GUIDELINES FOR THE OPENING, BACKFILLING AND
- REINSTATEMENT OF OPENINGS IN PUBLIC ROADS (2017). 10. EIRGRID'S PREFERENCE IS TO CROSS UNDER EXISTING
- SERVICES WHERE POSSIBLE. 11. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL TEMPORARY WORKS. THE CONTRACTOR SHALL APPOINT A TEMPORARY WORKS DESIGNER, AND SUBMIT TEMPORARY WORKS DESIGN TO PSDP FOR REVIEW.
- 12. 225 MM MINIMUM CONCRETE OVER DUCTS WHERE THEY TRANSITION FROM STANDARD CROSS SECTION AND WHERE THEY ARE AT LESS THAN STANDARD COVER TO GROUND LEVEL.
- 13. THE OWNER OF THE EXISTING UTILITY BEING CROSSED MUST BE CONSULTED IN ADVANCE OF WORKS COMMENCING AS PER THEIR
- GUIDELINES. 14. REPLACE EXISTING SERVICE MARKER TAPE OVER ESB YELLOW MARKER TAPE.
- 15. THE CONTRACTOR SHALL RECORD DETAILED AS-BUILT INFORMATION AS PER THE SPECIFICATION. AT ALL CROSSING LOCATIONS THESE RECORDS SHALL INCLUDE PHOTOGRAPHIC EVIDENCE CLEARLY DEMONSTRATING THAT MINIMUM SERVICE CLEARANCES AND DUCT SEPARATIONS HAVE BEEN ACHIEVED.

LEGEND 160MM Ø HDPE POWER DUCT WITH 12MM DIAMETER PULL ROPE 125MM Ø HDPE COMMUNICATION DUCT WITH 12MM DIAMETER PULL ROPE 125MM Ø HDPE ECC DUCT WITH 12MM DIAMETER PULL ROPE — — — RED MARKER STRIP YELLOW MARKER WARNING

- A393 STEEL REINFORCEMNET

6MM GALVANISED STEEL PLATE



- A = 125MM OUTER DIAMETER HDPE ESB APPROVED COMMS DUCT, SDR=17.6 B = 160MM OUTER DIAMETER HDPE ESB APPROVED POWER DUCT, SDR=21
- C = 125MM OUTER DIAMETER HDPE ESB APPROVED ECC DUCT, SDR=17.6

Section B-B SCALE: 1:20



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

Regional Office **Basepoint Business Centre** Stroudley Road, Basingstoke Hampshire, RG24 8UP, UK Tel: 00 44 1256406664

PROJECT

Scart Mountain Wind Farm 110 kV Grid Connection

CLIENT



CONSULTANTS



NOTES: -

See General Notes

LEGEND: -

ISSUE/REVISION

	Р3	25.09.2025	3rd Party Marker Tape Added
	P2	09.07.2025	Issued for Planning
	РΙ	10.06.2024	Issued for Planning
	I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-854

SHEET TITLE

110kV Service/Culvert Overcrossing Detail Drawing

SHEET NUMBER

05854-DR-211