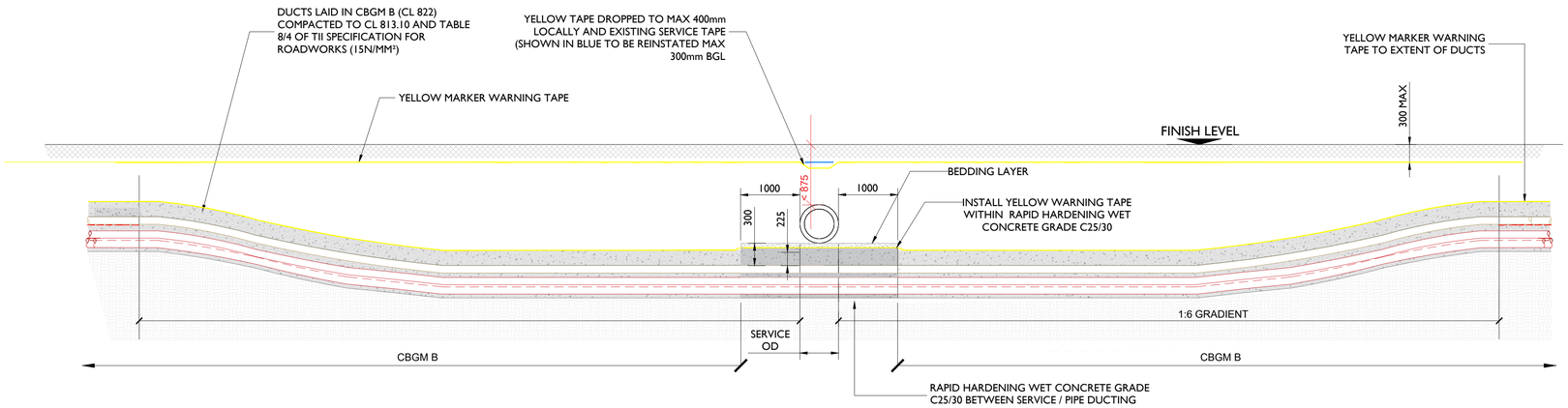
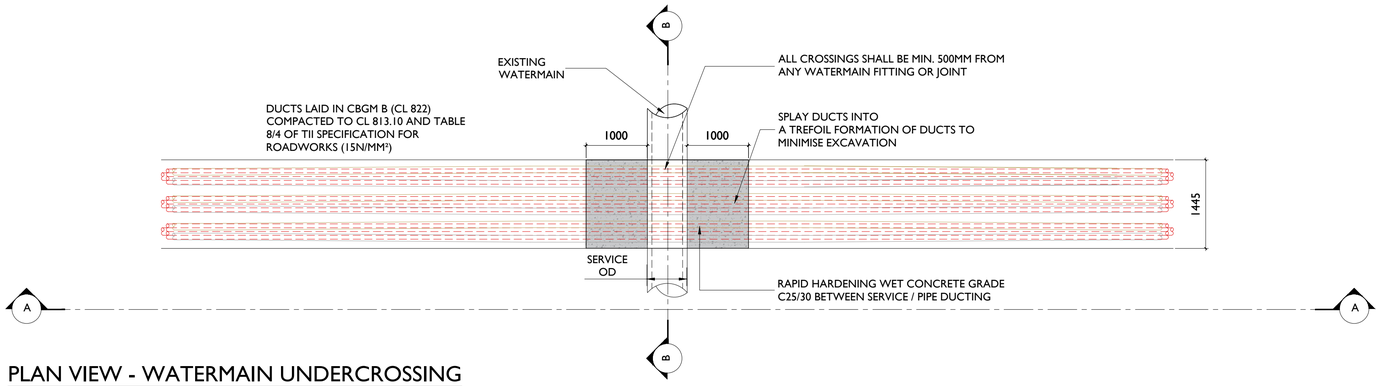
ISO A1 594mm x 841mm



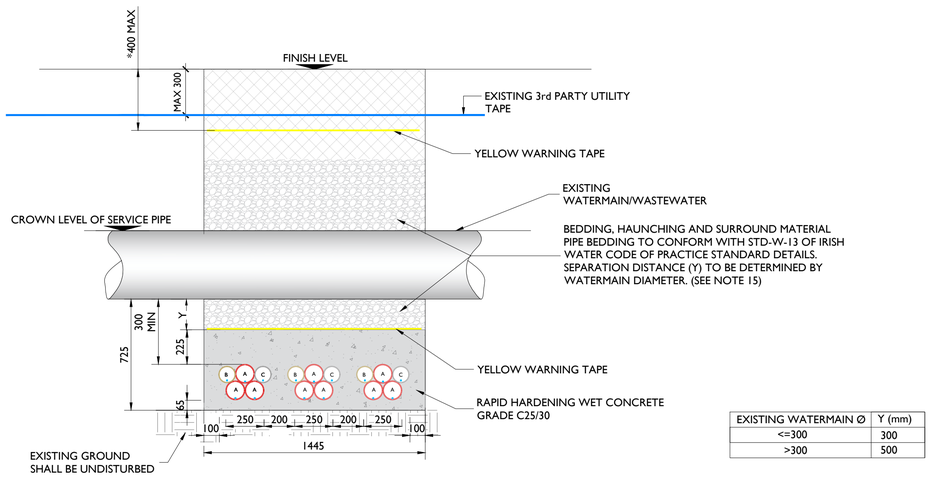
SECTION A-A

SCALE: 1:50



PLAN VIEW - WATERMAIN UNDERCROSSING

SCALE: 1:50



EXISTING WATERMAIN Ø	Y (mm)
<=300	300
>300	500

A = 125mm: OUTER DIAMETER HDPE APPROVED DUCT, (POWER)
B = 110mm: OUTER DIAMETER HDPE APPROVED DUCT, (COMM)
C = 110mm: ECC (EARTH CONTINUNITY CONDUCTOR) DUCT.

SECTION B-B

SCALE: 1:20

13.10.2026
ISSUED FOR PLANNING

NOTES:
1. THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE AND IS SUBJECT TO AMENDMENT.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT INFORMATION AND DOCUMENTATION.
3. DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS.
4. ALL DIMENSIONS ARE IN MILLIMETRES. ALL CHAINAGES, LEVELS AND COORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.
5. NO EXCAVATION SHALL COMMENCE UNTIL THE CONTRACTOR HAS CONSULTED UP TO DATE SERVICES DRAWINGS AND CARRIED OUT AN ELECTROMAGNETIC LOCATOR (EML) SCAN.
6. HAND DIG ONLY WITHIN 500mm OF EXISTING SERVICES.
7. IF COMPACTING CBGM B COULD CAUSE DAMAGE TO THE CULVERT / SERVICE BELOW, USE RAPID HARDENING CEMENT GRADE C25 / 30 FOLLOWING ENGINEERS PRIOR APPROVAL.
8. FOR STANDARD TRENCH CROSS SECTION DRAWINGS SEE 300101121-U-DR-130.
9. WHERE DEPTHS EXCEED 3000mm TO THE TOP OF THE DUCT THE CONTRACTOR SHALL CONSULT THE CABLE SYSTEM DESIGN ENGINEER
10. BACKFILL AS PER GUIDELINES FOR THE OPENING, BACKFILLING AND REINSTATEMENT OF OPENINGS IN THE PUBLIC ROADS.
11. THE PROPOSED DESIGN IS SUBJECT TO APPROVAL AND SHOULD NOT BE USED FOR CONSTRUCTION
12. PREFERENCE IS TO CROSS UNDER ALL SERVICES WHERE IT IS NOT POSSIBLE TO MAINTAIN STANDARD COVER WHEN CROSSING OVER THE SERVICE
13. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL TEMPORARY WORKS REQUIRED. THE CONTRACTOR WILL APPOINT AN APPROVED TEMPORARY WORKS DESIGNER AND SUBMIT PROPOSED TEMPORARY WORKS DESIGNS TO THE PSDP.
14. 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.
15. AS PER WIS 4-08-02 & IGN 4-08-01 GRANULAR MATERIAL SHALL BE 14MM TO 5MM GRADED AGGREGATE OR 10MM SINGLE SIZED AGGREGATE

tli GROUP

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

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

PROJECT

Rooaunalaghta Green Energy Project

CLIENT

ROOAUNALAGHTA Green Energy

CONSULTANTS

TOBIN CONSULTING ENGINEERS

NOTES: -

- See notes in drawing window

LEGEND: -

- 125mm Ø HDPE POWER DUCT WITH 12mm DIAMTER PULL ROPE
- 110mm Ø HDPE COMMS DUCT WITH 12mm DIAMTER PULL ROPE
- 110mm Ø HDPE EARTH DUCT WITH 12mm DIAMTER PULL ROPE
- EXSITING SERVICES MARKER TAPE
- YELLOW MARKER WARNING TAPE

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P0	13.10.26	Issued for Planning
N0	14.08.26	Issued for Information

PROJECT NUMBER

300-1011121

SHEET TITLE

Triple Circuit Watermain Grid Under Crossing Detail

SHEET NUMBER

300101121-U-DR-139

Project Management Initials: Designer: JC Checked: DB Approved: POS