

RWE

CONSULTANTS

- See notes in drawing window

LEGEND: -



ISSUE/REVISION

P00	09.07.25	Issued for Planning
N1	22.05.24	Issued for Information
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-1021

SHEET TITLE

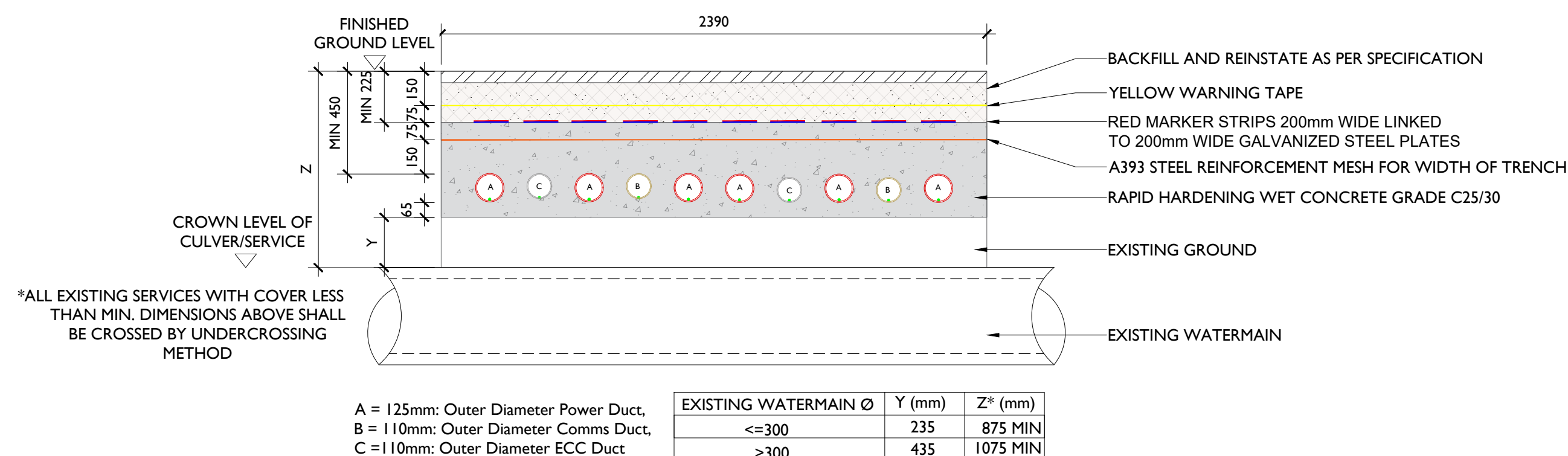
Typical Double Circuit Watermain Over Crossing Detail

SHEET NUMBER

051021-DR-314



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 OTHERWISE STATED 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 WATERMAIN SERVICE BELOW, USE RAPID HARDENING CEMENT GRADE C25 / 30 FOLLOWING ENGINEERS PRIOR APPROVAL.
8. FOR STANDARD TRENCH CROSS SECTION DRAWINGS SEE 051021-DR-301, 051021-DR-302, 051021-DR-303
9. WHERE DEPTHS EXCEED 3000mm TO THE TOP OF THE DUCT THE CONTRACTOR SHALL CONSULT THE CABLE SYSTEM DESIGN ENGINEER FOR PHASE SPACING REQUIREMENTS.
10. TO FILL AS PER GUIDELINES FOR THE OPENING, BACKFILLING AND REINSTATEMENT OF OPENINGS IN THE PUBLIC ROADS.
11. THE PROPOSED DESIGN IS SUBJECT TO ESB APPROVAL AND SHOULD NOT BE USED FOR CONSTRUCTION
12. ESB'S 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 PSPD.
14. AS PER VIS 4-008-2 & IEN 4-008-01 GRANULAR MATERIAL SHALL BE 14MM TO 5MM GARDERD AGGREGATE OR 10MM SINGLE SIZE AGGREGATE.
15. IF ANY WATERMAINS ARE DAMAGED DURING CONSTRUCTION THEY WILL BE REPLACED IN FULL. CAMERA SCOPING WILL BE COMPLETED BEFORE AND AFTER THE WORKS.



Section D-D
SCALE 1:20