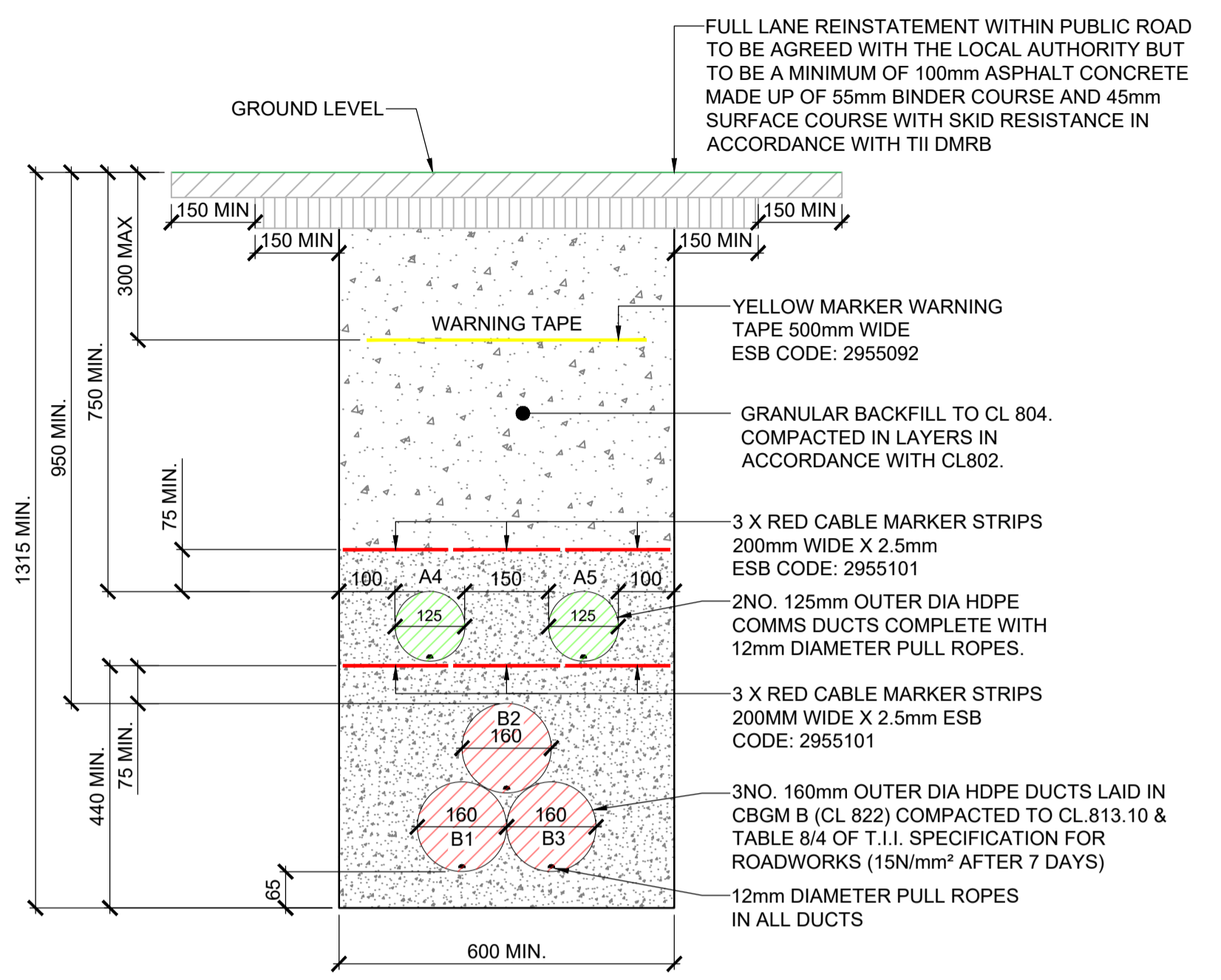


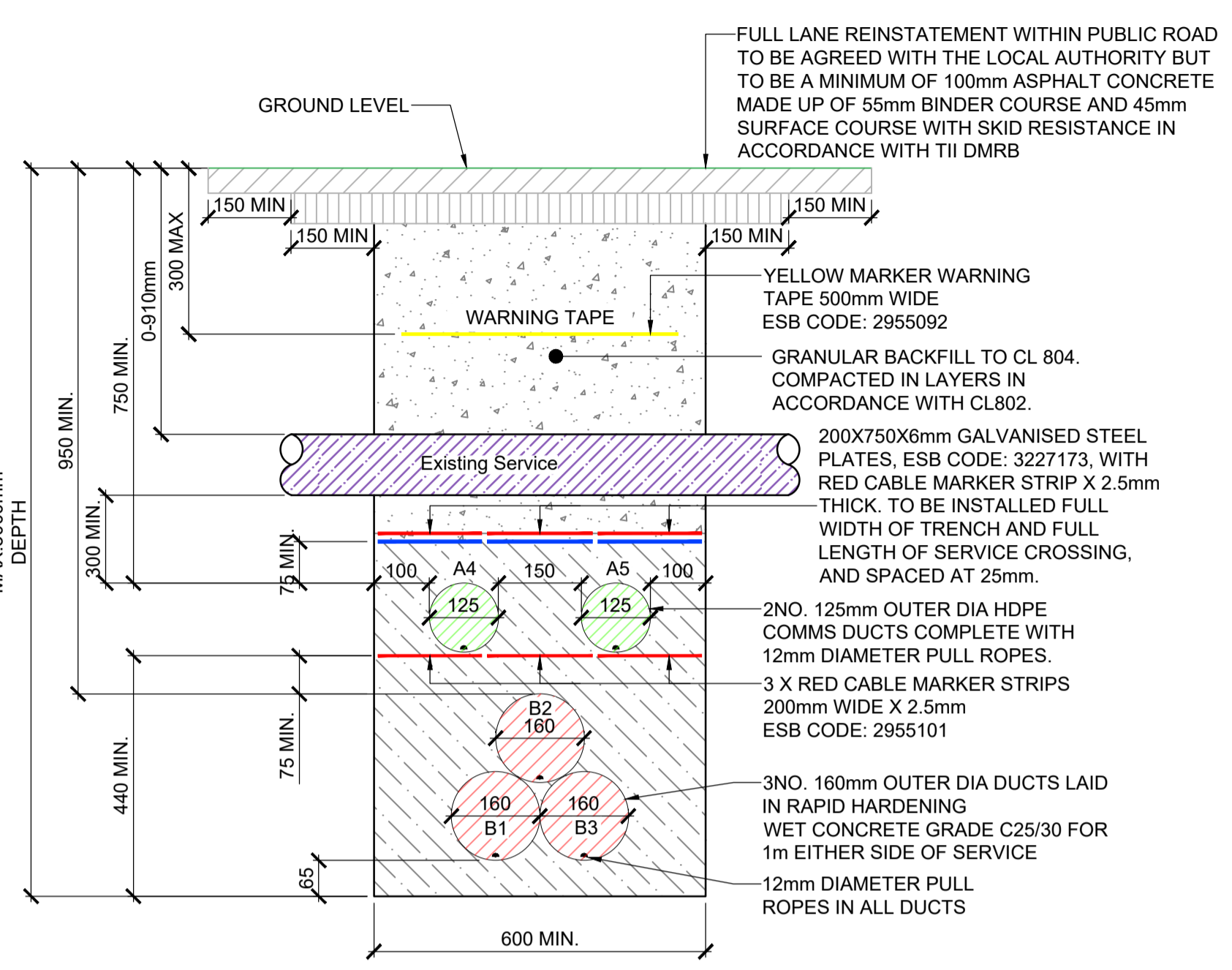
DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION.
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- NOTES:**
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
 - ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN HEAD.
 - ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - DRAWINGS ARE NOT TO BE SCALED.
 - ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
 - TEMPORARY WORKS DESIGN CERTIFICATE REQUIREMENTS FOR CABLE ROUTE: ALL TEMPORARY WORKS ARE THE RESPONSIBILITY OF THE CONTRACTOR. HE SHALL PROCURE A TWCDC AS REQUIRED BASED ON HIS PROPOSED WORKS METHODOLOGY. ON THE ASSUMPTION THAT BATTERING OF EXCAVATIONS WILL NOT OCCUR THEN A TWCDC WILL BE REQUIRED FOR ALL TRENCH EXCAVATIONS. TWCDCS WILL ALSO BE REQUIRED FOR THE USE OF TRENCH BOXES.
 - B=160mm: OUTER DIAMETER HDPE ESB APPROVED DUCT, SDR=21, ESB CODE: 9317560
 - A=125mm: OUTER DIAMETER HDPE ESB APPROVED DUCT, SDR=17.6, ESB CODE: 931752
 - HDPE DUCTS TO BE ESB APPROVED. 125mm O.D. DUCTS TO BE SDR 17.6 AND 160mm O.D. DUCTS TO BE SDR 21. WHERE IN TREFOIL THEY SHALL BE TIED EVENLY AT 3m C/C
 - B1, B2, B3 - HV CABLES, A4, A5 - COMMS DUCTS

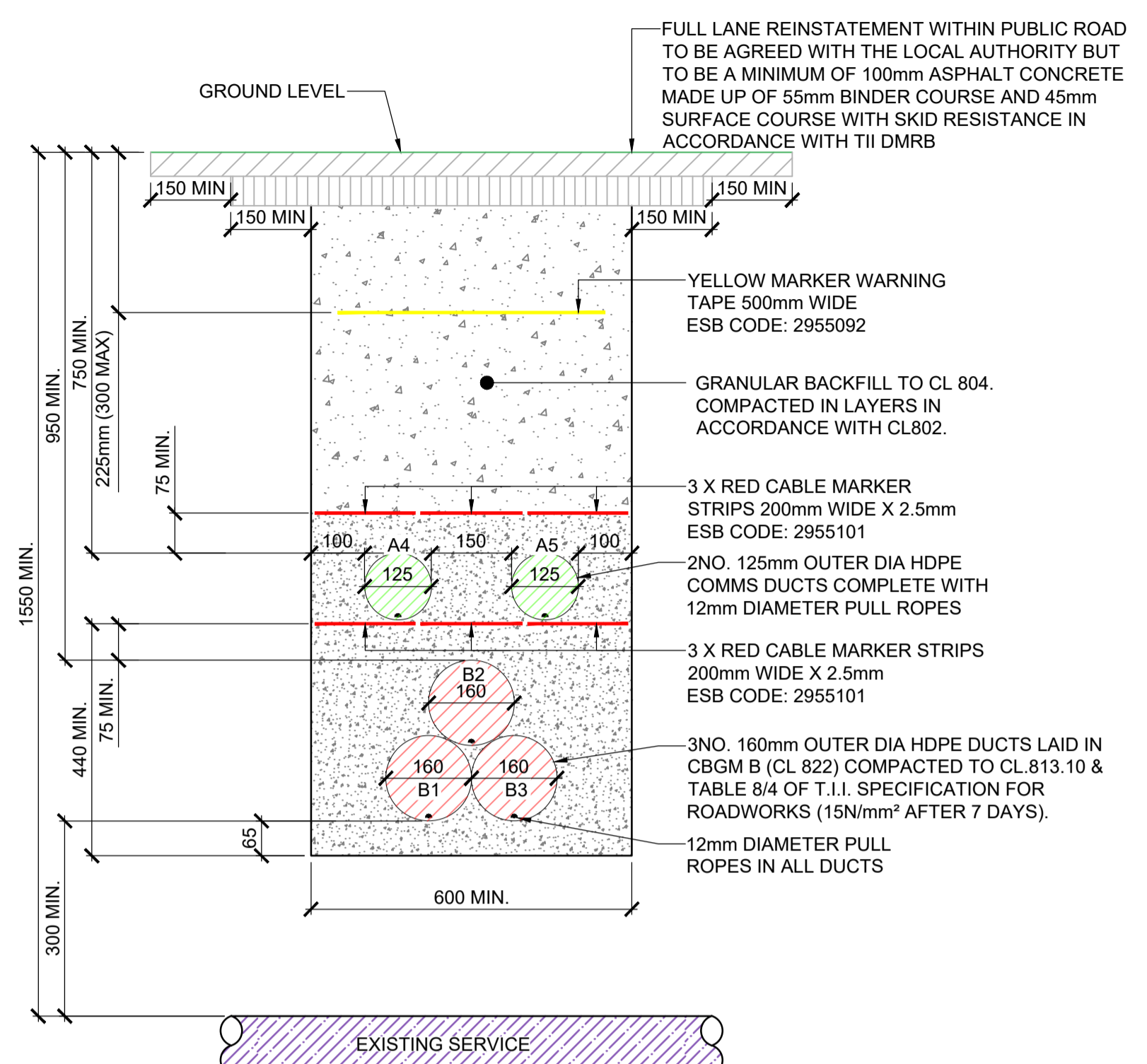
- LEGEND:**
- Red Marker Strip
 - Yellow Marker Warning Tape
 - CBGM
 - UGM-A (Formerly Cl. 804)
 - 12 mm Diameter Pull Rope
 - A = 125 mm Outer Diameter HDPE ESB Approved Duct, SDR=17.6 (COMMS DUCT)
 - B = 160 mm Outer Diameter HDPE ESB Approved Duct, SDR=21 (POWER DUCT)
 - E = 125 mm Outer Diameter HDPE ESB Approved Duct, SDR=17.6 (ECC DUCT)



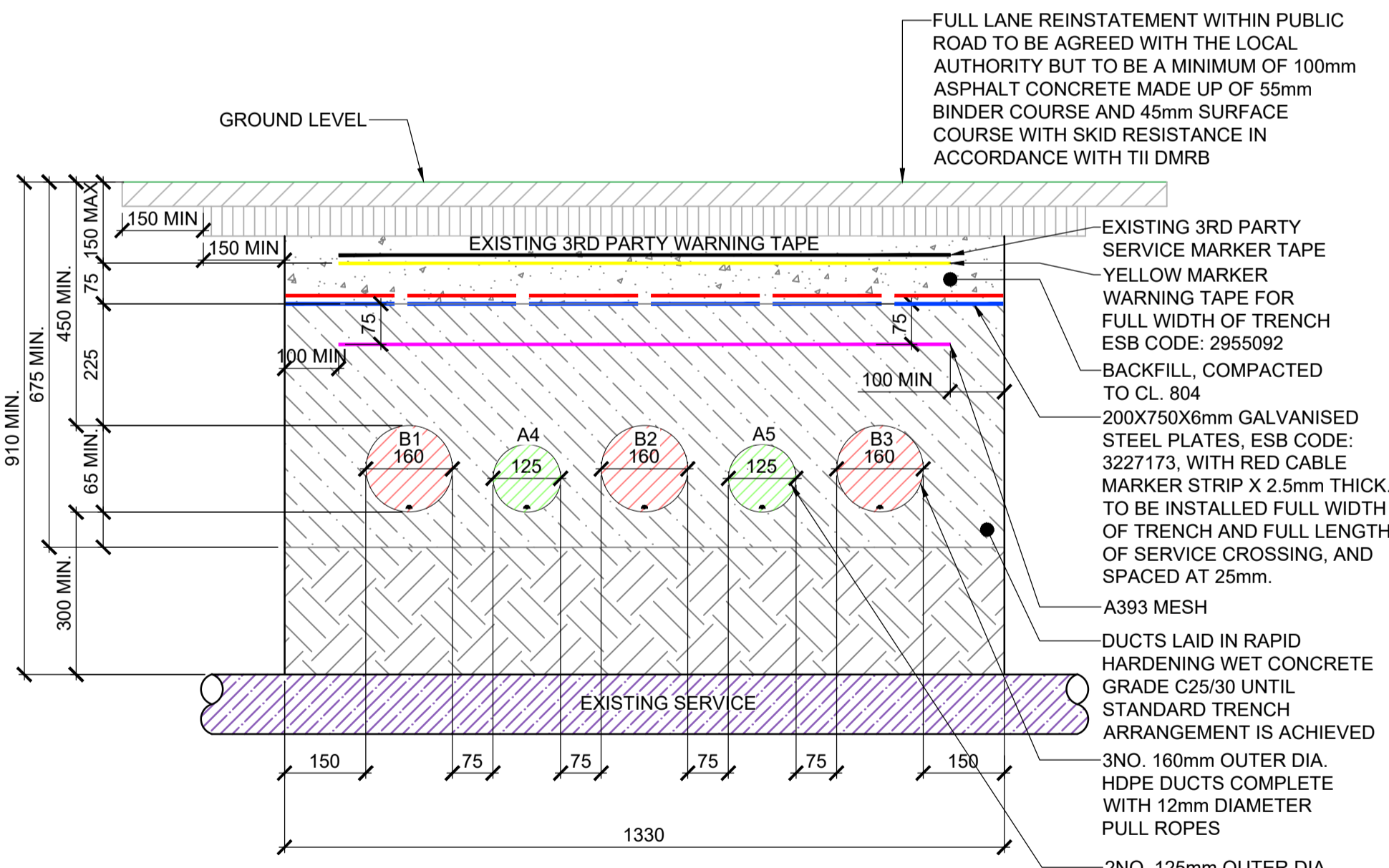
TYPE A -110KV CABLE TRENCH SECTION (PUBLIC ROAD) SCALE 1:10



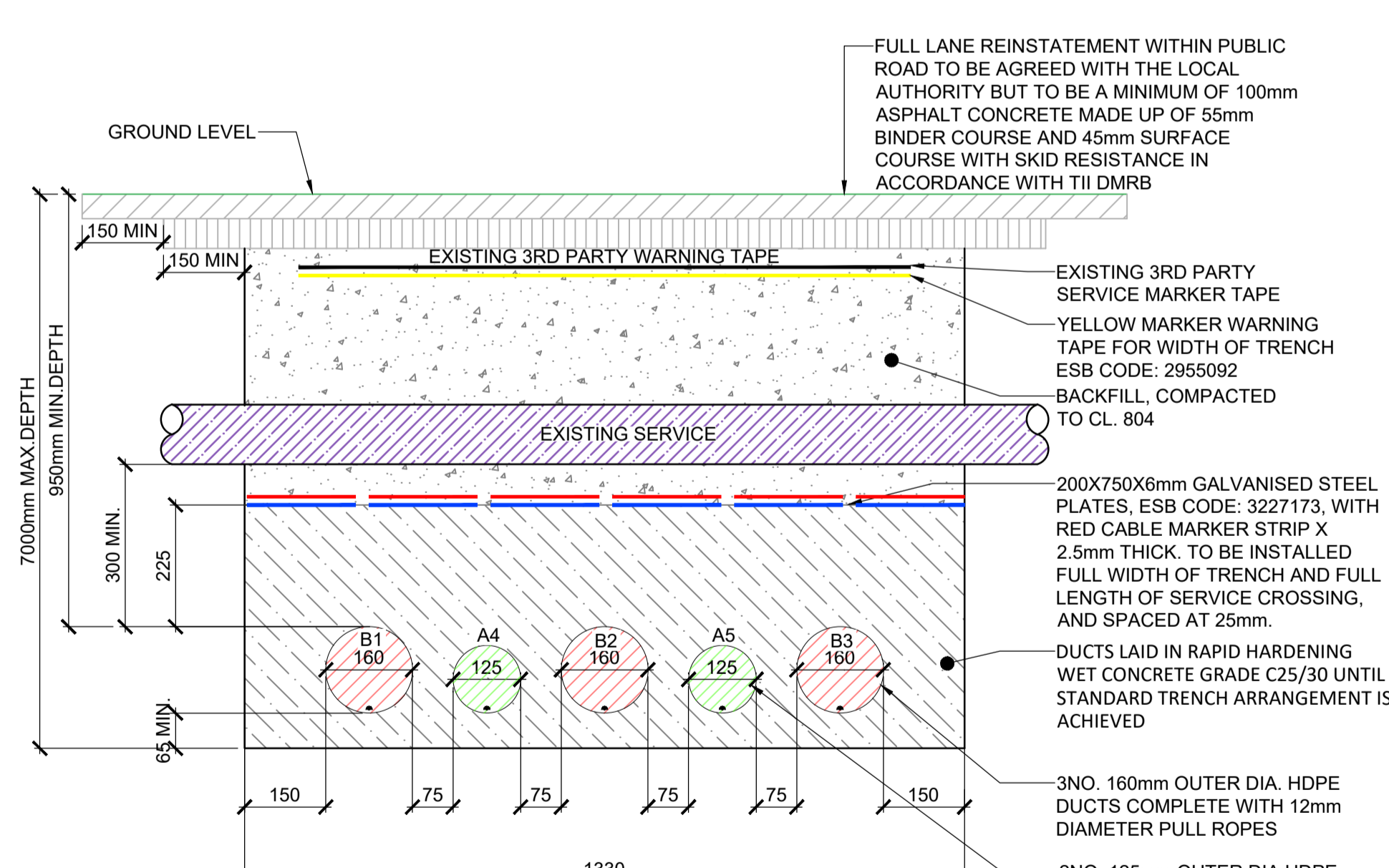
TYPE B - CABLE TRENCH CROSSING DETAIL
SCALE 1:10
(EXISTING COVER TO TOP OF SERVICE LESS THAN 910mm, BUT CAN BE USED TO MAX. DEPTH OF 3m)



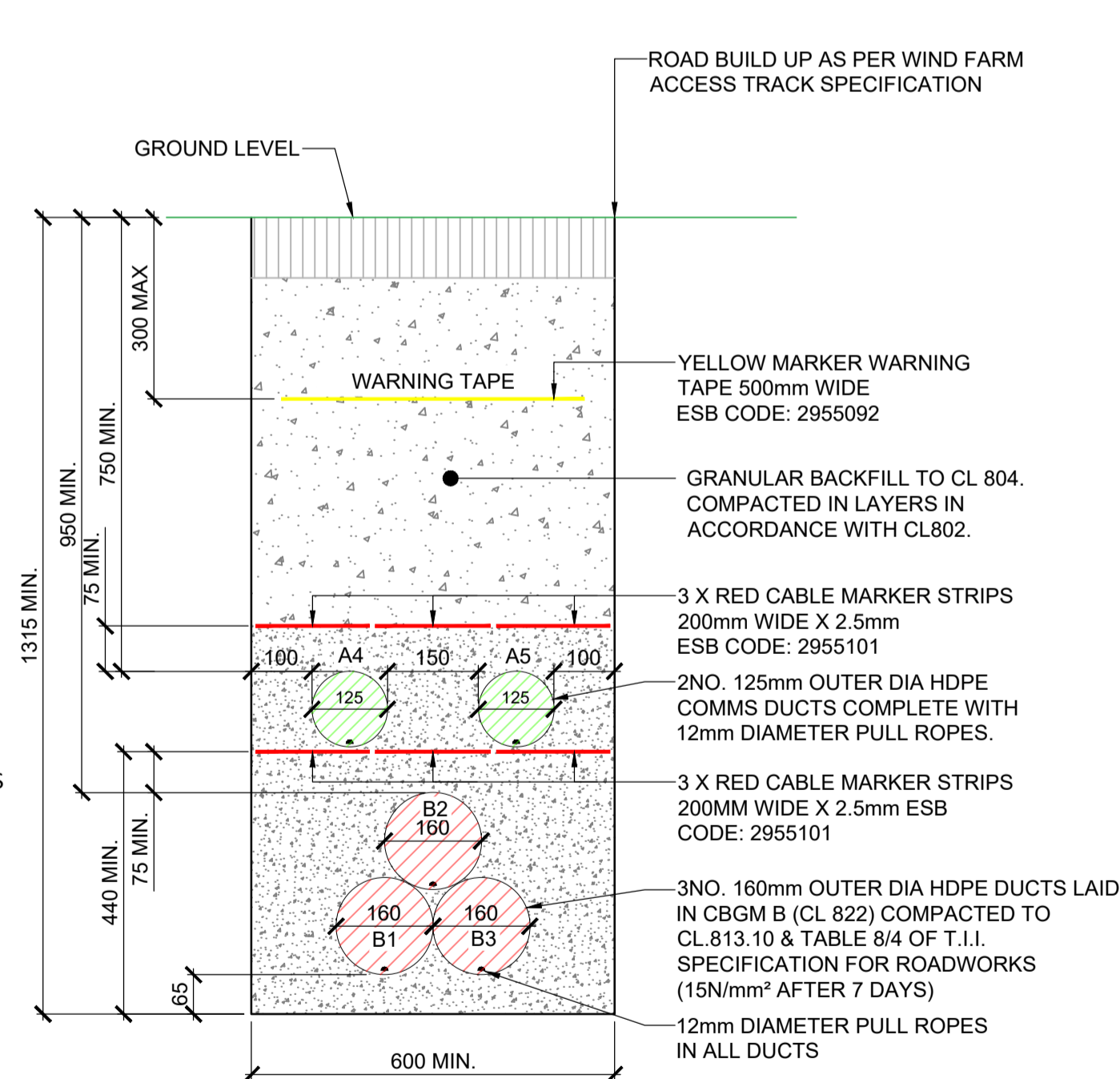
TYPE D - CABLE TRENCH CROSSING DETAIL
SCALE 1:10
(EXISTING COVER TO TOP OF SERVICE GREATER THAN OR EQUAL TO 1485mm)



TYPE C - CABLE TRENCH CROSSING DETAIL
SCALE 1:10
(EXISTING COVER TO TOP OF SERVICE GREATER THAN 910mm BUT LESS THAN 1485mm)



TYPE E - CABLE TRENCH CROSSING DETAIL
SCALE 1:10



TYPE F -110KV CABLE TRENCH SECTION (WIND FARM ACCESS TRACK) SCALE 1:10

PO1	15.11.24	Issued For Planning	JK	PC
REV	DATE	DESCRIPTION	BY	APP

PROJECT: Brittas wind Farm

TITLE: 110kV Cable Trench Details

CLIENT: Brittas Wind Farm Ltd.



DRAWN: JK	CHECKED: CMcL	APPROVED: PC
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PROJECT NUMBER: 23318	DATE: June 2024	SCALE @ A1: 1:10
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STATUS DESCRIPTION: FOR INFORMATION	STATUS: S2
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DRAWING NUMBER: 23318 - MWP - 00 - 00 - DR - C - 5427	REV: P01
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