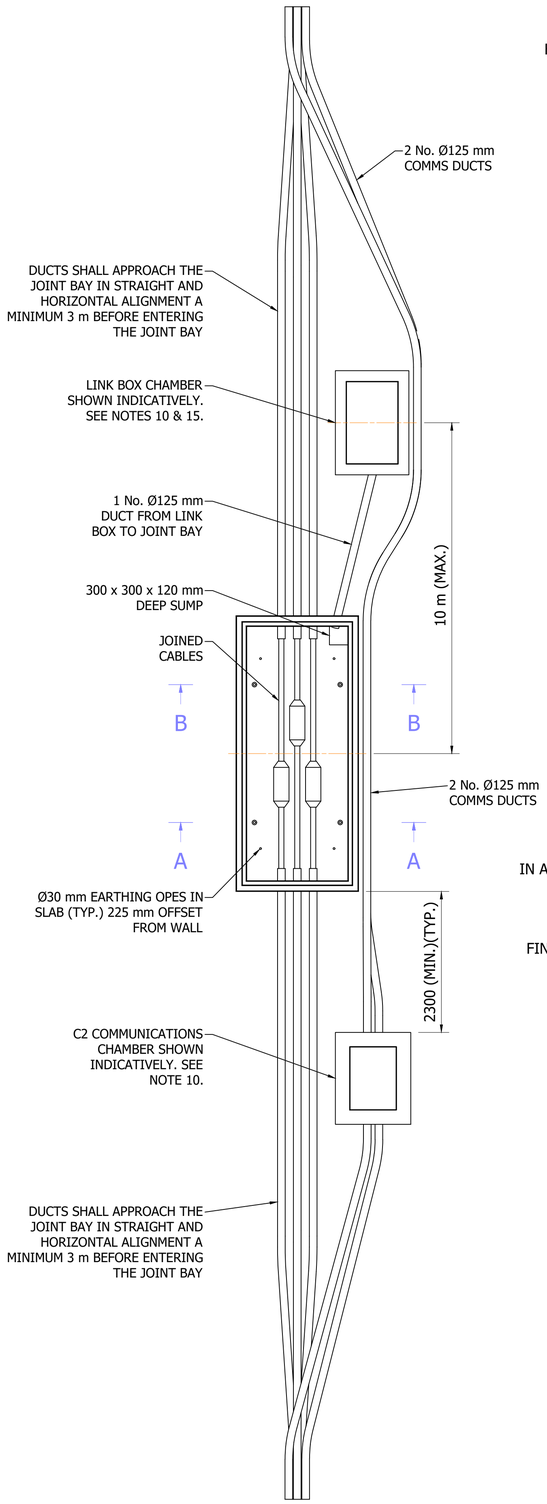
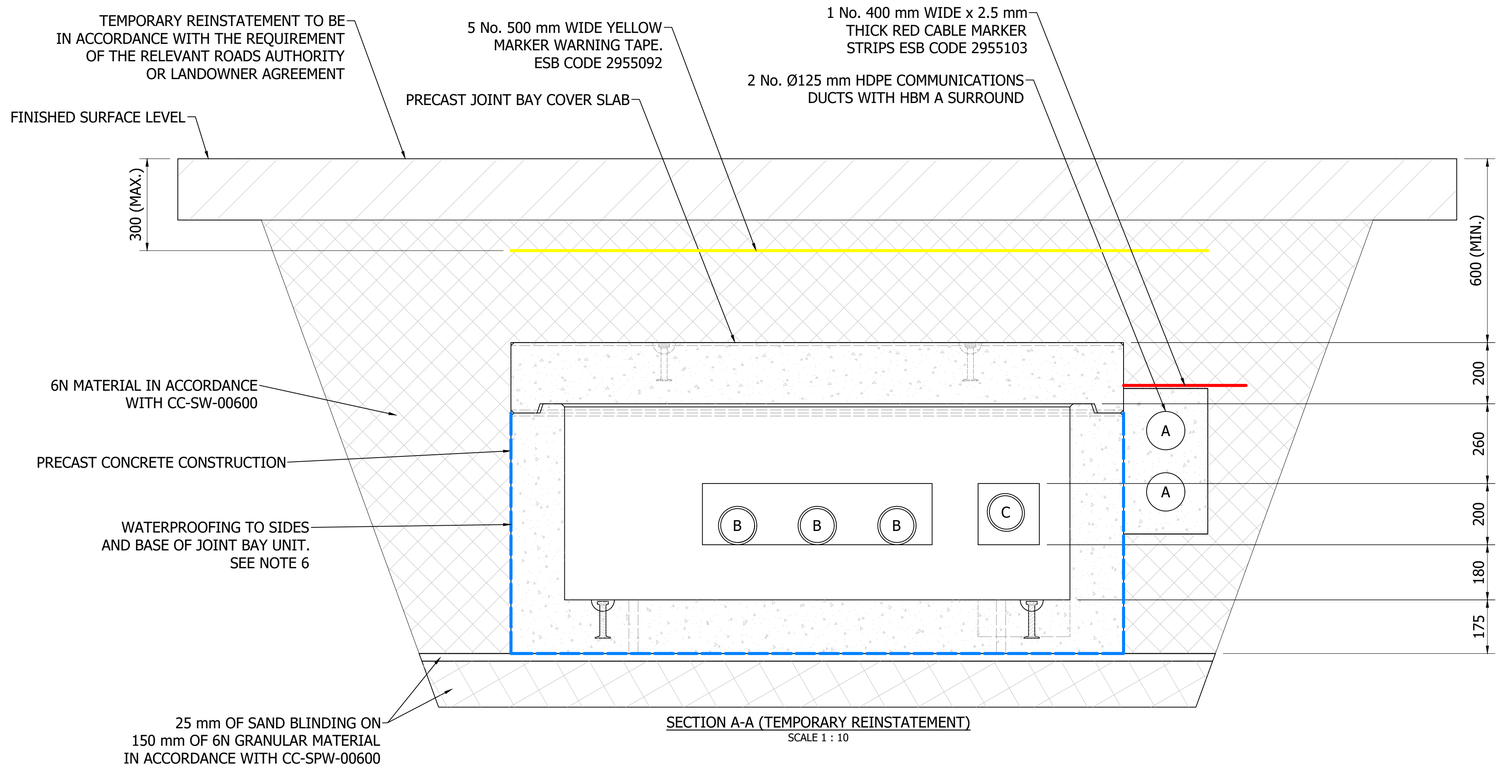
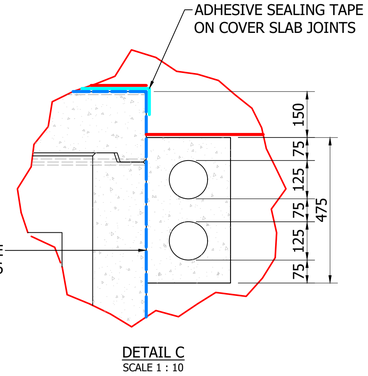


PLAN VIEW
SCALE 1 : 50

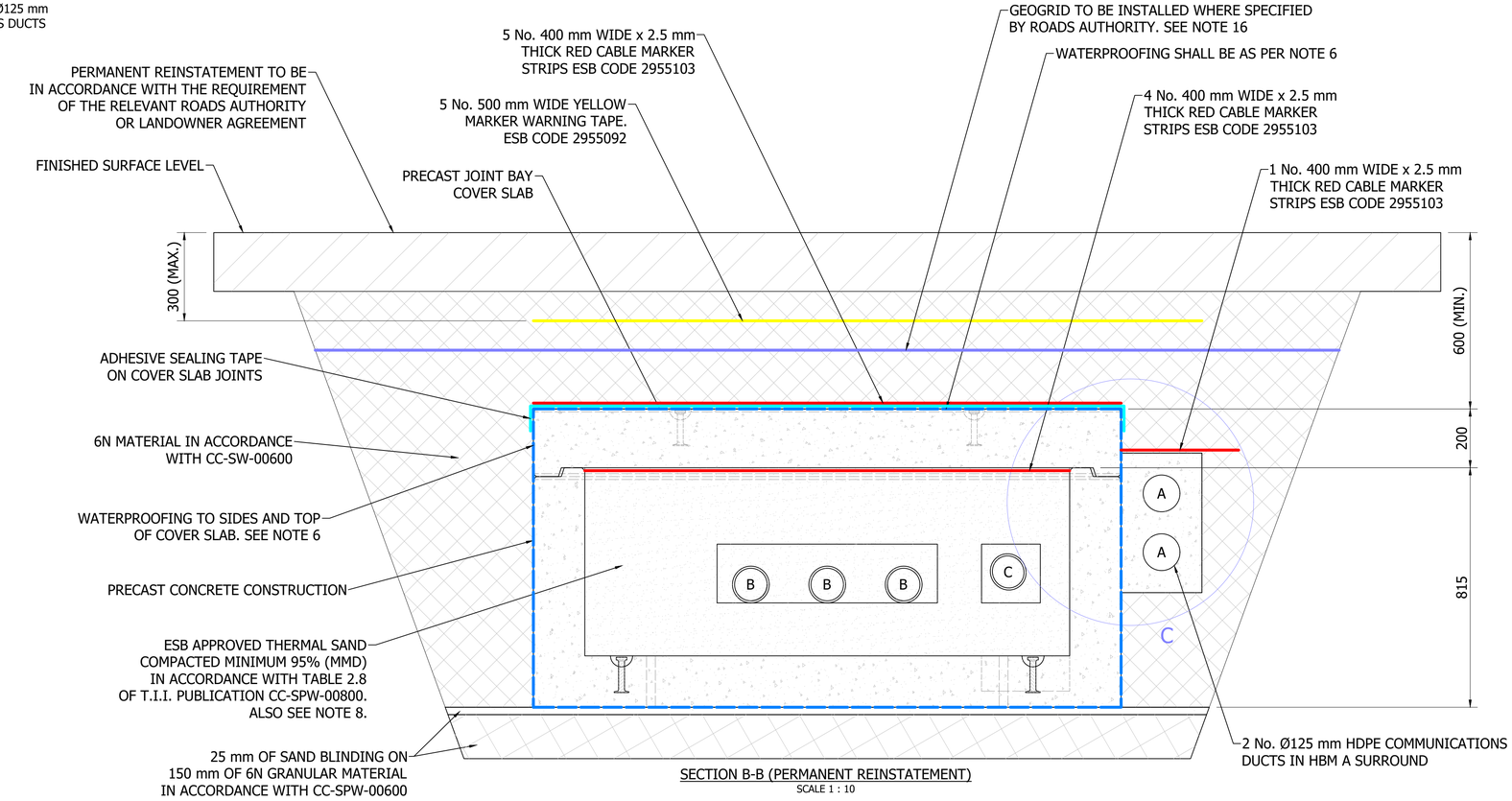


SECTION A-A (TEMPORARY REINSTATEMENT)
SCALE 1 : 10

A - Ø125 mm HDPE DUCT (COMMS)
B - Ø125 mm HDPE DUCT (POWER)
C - Ø125 mm HDPE DUCT (LINK BOX)



DETAIL C
SCALE 1 : 10



SECTION B-B (PERMANENT REINSTATEMENT)
SCALE 1 : 10

GENERAL NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S, ARCHITECT'S AND ESB NETWORKS DRAWINGS & SPECIFICATIONS.
2. ALL DIMENSIONS ARE IN mm.
3. DO NOT SCALE DIMENSIONS.
4. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO CONSTRUCTION, ANY DISCREPANCIES TO BE NOTIFIED TO ESB IN WRITING IMMEDIATELY.
5. LIFT PLANS TO BE IN PLACE FOR ALL LIFTING ACTIVITIES ASSOCIATED WITH THE JOINT BAY COMPONENTS.
6. JOINT BAYS LOCATED WITHIN NATIONAL (N) AND MOTORWAY (M) ROADS SHALL BE WATERPROOFED. JOINT BAYS LOCATED WITHIN REGIONAL (R), LOCAL (L) OR OTHER ROADS SHALL NOT REQUIRE WATERPROOFING UNLESS REQUIRED BY THE RELEVANT ROADS AUTHORITY.WATERPROOFING SHALL COMPRISE TWO COATS OF FOSROC BRUSHBOND FLXIII, OR A TII-APPROVED EQUIVALENT, APPLIED TO ALL EXTERNAL JOINT BAY SURFACES AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. THE COMPACTION OF BACKFILL MATERIAL AROUND CABLES SHALL BE CARRIED OUT BY HAND.
8. THE CONTRACTOR SHALL PROVIDE TEST CERTIFICATES CONFIRMING THAT THE THERMAL RESISTIVITY OF THE THERMAL SAND IS MAXIMUM 2.7 K.m/W AT 0% MOISTURE.
9. CONTRACTOR / PSCS TO ASSESS, DESIGN AND IMPLEMENT ANY TEMPORARY WORKS REQUIRED TO MAINTAIN GROUND STABILITY AROUND THE JOINT BAY PERIMETER DURING INSTALLATION AND SUBSEQUENT ACCESS TASKS TO THE JOINT BAY.
10. LINK BOX CHAMBER AND C2 COMMUNICATIONS CHAMBER FINAL POSITIONING TO BE AGREED WITH ESB AND ROADS AUTHORITY PRIOR TO INSTALLATION.
11. FOR GENERAL ARRANGEMENT, REFER TO DRAWING: PE424-D7003-005-002.
12. FOR COVER SLABS GENERAL ARRANGEMENT, REFER TO DRAWING: PE424-D7003-005-002.
13. FOR EARTHING ARRANGEMENT, REFER TO DRAWINGS: PE424-D7001-032-001 AND PE424-D7001-032-002.
14. TEMPORARY AND PERMANENT REINSTATEMENT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT ROADS AUTHORITY OR LANDOWNER AGREEMENT.
15. REQUIREMENT FOR LINK BOX ON 38 kV CIRCUIT TO BE CONFIRMED BY ELECTRICAL DESIGNER.
16. GEOGRID SPECIFICATION TO BE CONFIRMED BY CIVIL DESIGNER.

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
002		JOINT BAY DESIGN REVISED AND PRECAST COVER ADDED				
001	30/05/25	REFERENCES TO HBM A & UGM A ADDED TITLE BLOCK UPDATED	K.D.	K.D.	P.ON.	J.M.
000	14/11/16	ISSUED FOR CONSTRUCTION	G.R.	G.R.	T.S.	M.A.

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PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED

CLIENT APPROVAL ☐ PLANNING ☐ TENDER ☐ CONSTRUCTION ☒ AS-BUILT ☐

CLIENT: ESB NETWORKS

PROJECT: 38 kV Cables Standards

CONTRACT: 38 kV CABLE STANDARDS

DRAWING TITLE: 38 kV SINGLE CIRCUIT PRECAST JOINT BAY REINSTATEMENT DETAILS

PRODUCTION UNIT: Transmission and Distribution Delivery

Energy for generations
Engineering and Major Projects,
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Engineering and Major Projects is a division of ESB

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
E.Mans	E.Mans	O.Canty	J.Martin	02/10/2026
CLIENT REF		NO. OF SHTS	SIZE	SCALE
TC216286		1	A1	AS SHOWN

DRAWING NUMBER: PE424-D7003-005-003-002
SHEET
REV