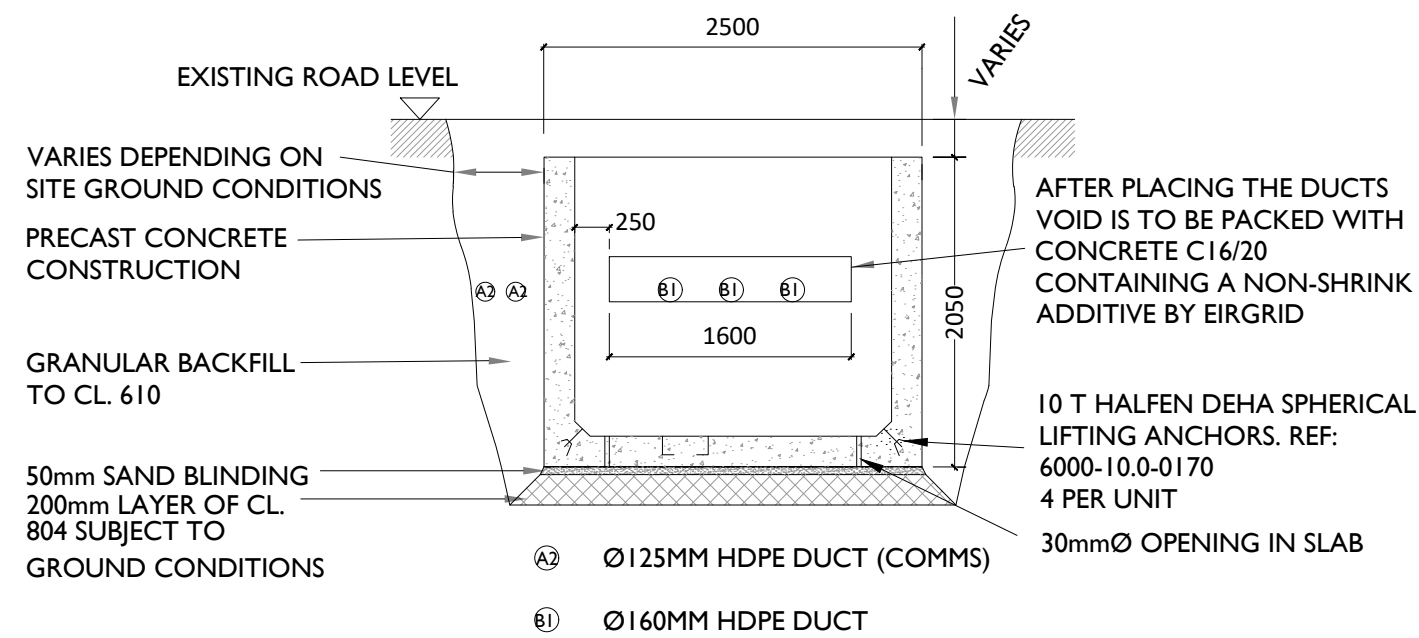
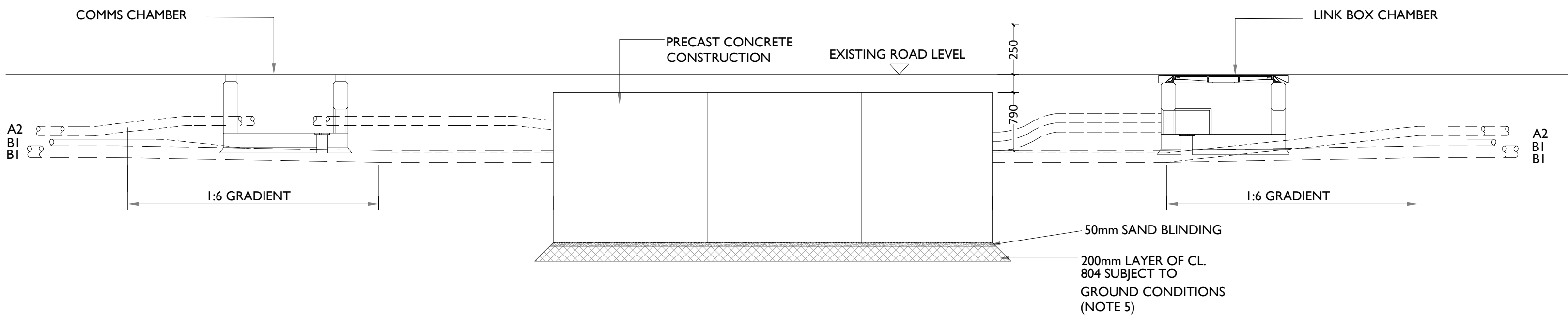
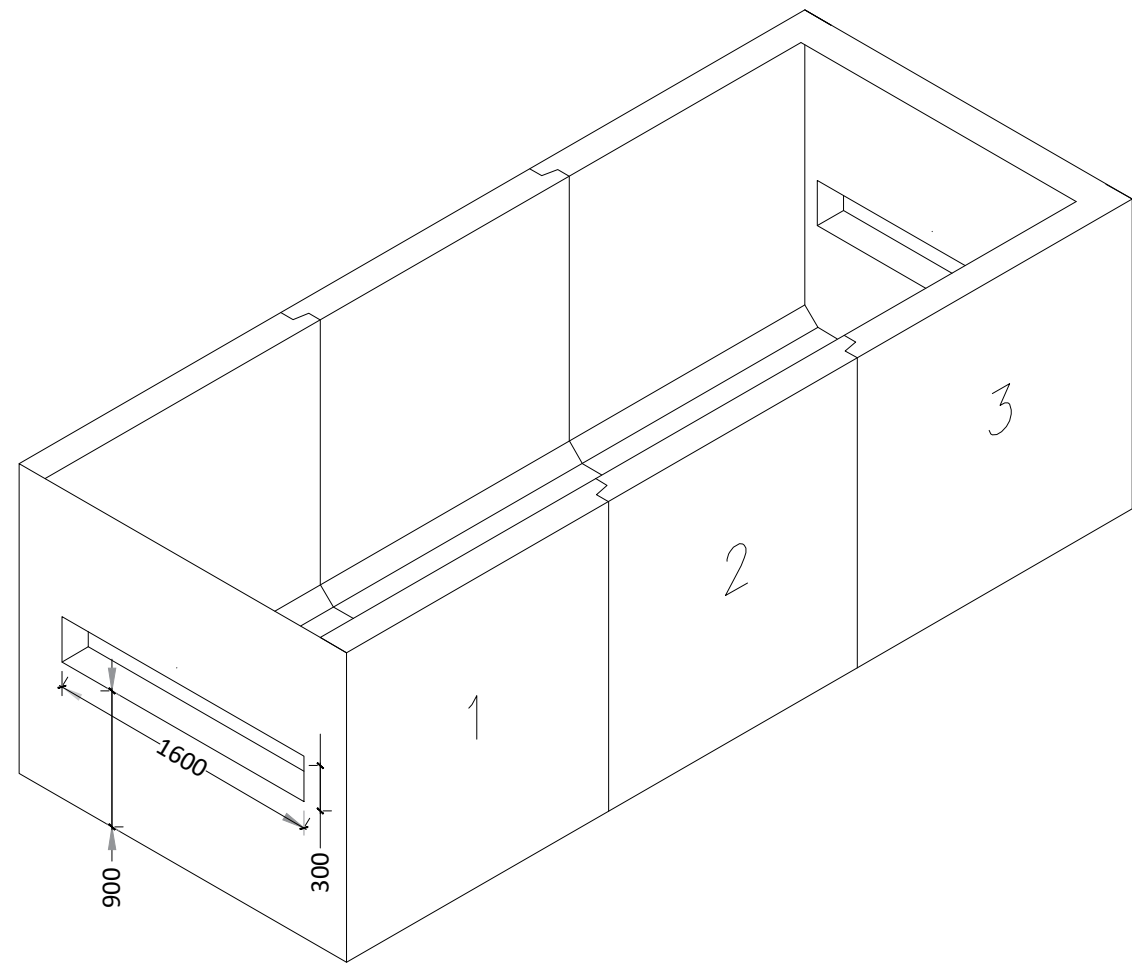
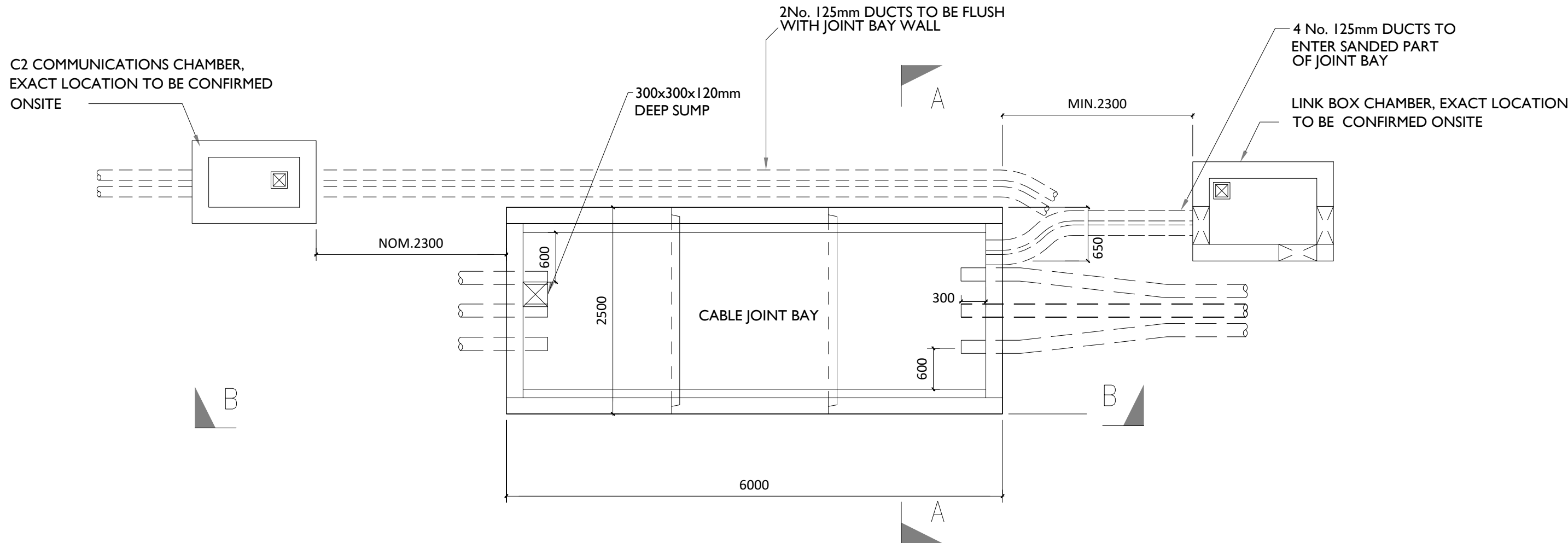


ISO A1 594mm x 841mm

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



GENERAL NOTES:

- THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE AND IS SUBJECT TO AMENDMENT.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT INFORMATION
- DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS DEFINED OTHERWISE.
- STANDARD FOUNDATIONS ARE BASED ON THE FORMATION AT THE BASE OF THE EXCAVATION SHOWN BEING SUITABLE FOR A MINIMUM BEARING PRESSURE OF 100kN/m². SUITABILITY OF STANDARD JOINT BAY FOUNDATIONS CAN ONLY BE CONFIRMED FOLLOWING GROUND INVESTIGATION. HAND VANE TESTS SHALL BE REQUIRED AS PER GI SPECIFICATION. WHERE SPECIFIED MINIMUM BEARING PRESSURE IS NOT ACHIEVABLE, AND WHERE PEAT IS ENCOUNTERED, THE CONTRACTOR SHALL REFER TO THE ENGINEER FOR GUIDANCE. THE LENGTH OF BONDING LEAD LENGTH SHALL IN NO CASE EXCEED 10M. NO JOINTS IN BONDING CABLE ARE PERMITTED.
- ALL EARTHING SHALL BE IN ACCORDANCE WITH ENA ER C55 AND EIRGRID/ESBN FUNCTIONAL SPECIFICATION
- THE DEPTH FROM GROUND/ROAD LEVEL TO THE TOP OF THE CONCRETE WALL SHALL BE
 - 500MM - IN CULTIVATED FIELDS & GRASS LAND
 - 300MM - IN PAVED ROADS AND GRASS VERGES
 - 350MM - IN PAVED CITY ROADS AND GRASS VERGES
- LINK BOX CHAMBERS TO BE POSITIONED AT THE EDGE OR OFF ROAD
- LINK BOX CHAMBERS AND C2 COMM CHAMBERS FINAL POSITIONING TO BE AGREED WITH EIRGRID PRIOR TO INSTALLATION
- THE PRECISE SITING OF ALL UGCS, JOINT BAYS, EARTH SHEATH LINK CHAMBERS AND COMMUNICATION CHAMBERS IS SUBJECT TO DETAILED DESIGN AND LIAISON AND APPROVAL BY EIRGRID, ESN, AND ROADS AUTHORITY IN AN EFFORT TO ASSURE MINIMAL IMPACT ON THE LOCAL COMMUNITY AND TRAFFIC FLOW AND MOST ROBUST DESIGN.



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PROJECT

Colehill 110kV Substation

CLIENT



CONSULTANTS

NOTES: -

See General Notes

LEGEND: -

ISSUE/REVISION

NO.	DATE	DESCRIPTION
P3	23.10.25	Issued for Planning
P2	05.11.24	Issued for Planning
P1	21.10.24	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-1064

SHEET TITLE

110kV Joint Bay General
Arrangement and Details

SHEET NUMBER

051064-DR-116