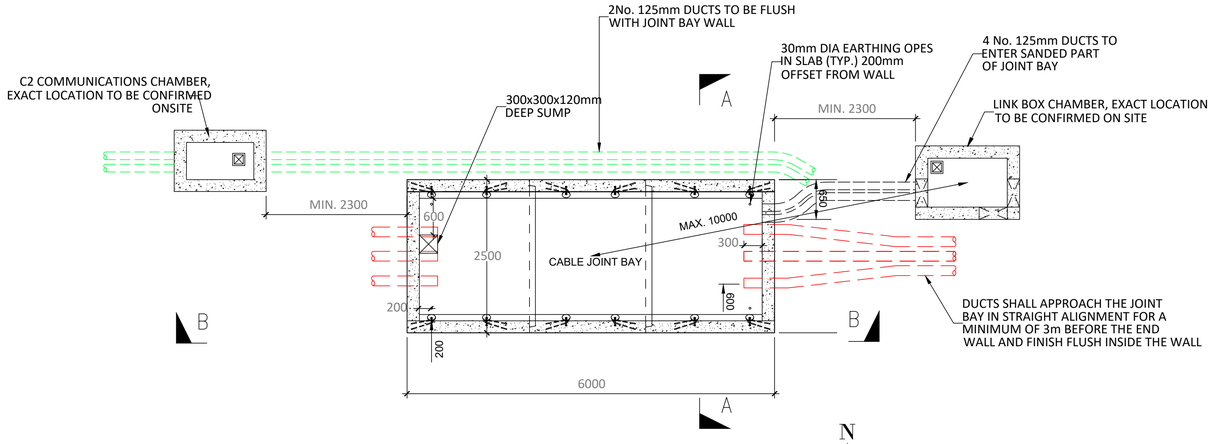
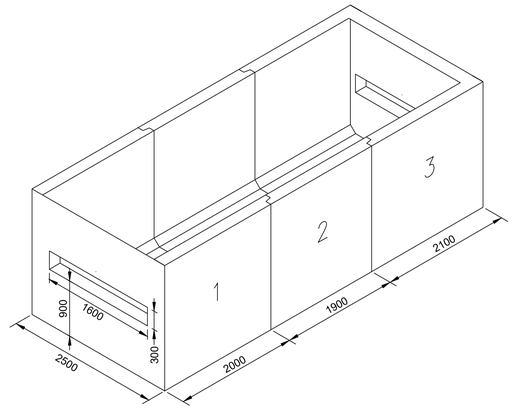


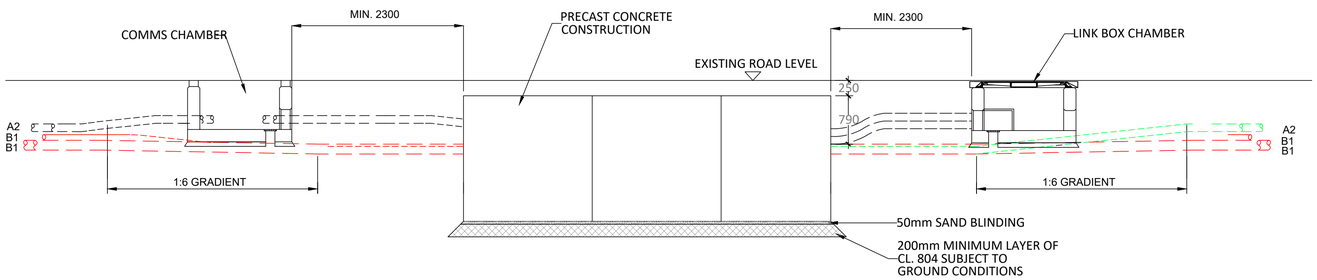
PLAN VIEW
SCALE 1:50

N

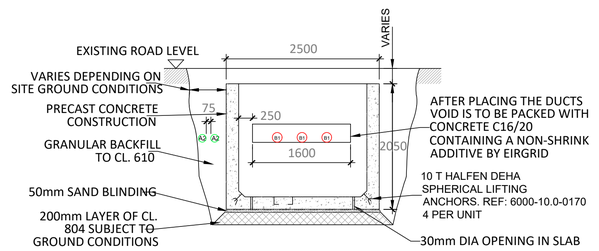
NOTE:
POINT VARIES
SEE SITE LAYOUT PLAN FOR DETAILS



ISOMETRIC VIEW PRECAST CHAMBER
SCALE 1:50



SECTION B-B
SCALE 1:50



A2 Ø125 mm HDPE DUCT (COMMS)
B1 Ø160 mm HDPE DUCT (POWER)

SECTION A-A
SCALE 1:50

GENERAL NOTES:

1. THIS DESIGN IS SUBJECT TO PRIOR EIRGRID PLANNING APPROVAL AND SHOULD BE USED FOR PLANNING PURPOSES ONLY.
2. FOR FURTHER INFORMATION REFERENCE THE LATEST VERSIONS OF EIRGRID DR. NO. XDC-CBL-STND-H-012-002 & FUNCTIONAL SPECIFICATIONS IN ADDITON TO ALL OTHER RELEVENT DOCUMENTATION.
3. DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS.
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS DEFINED OTHERWISE.
5. 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.
6. THE LENGTH OF BONDING LEAD LENGTH SHALL IN NO CASE EXCEED 10M. NO JOINTS IN BONDING CABLE ARE PERMITTED.
7. ALL EARTHING SHALL BE IN ACCORDANCE WITH ENA ER C55 AND EIRGRID/ESBN FUNCTIONAL SPECIFICATION.
8. THE DEPTH FROM GROUND/ROAD LEVELTO THE TOP OF THE CONCRETE WALL SHALL BE
   A. 500MM - IN CULTIVATED FIELDS & GRASS LAND
   B. 300MM - IN PAVED ROADS AND GRASS VERGES
   C. 350MM - IN PAVED CITY ROADS AND GRASS VERGES
9. LINK BOX CHAMBERS TO BE POSITIONED AT THE EDGE OR OFF ROAD.
10. LINK BOX CHAMBERS AND C2 COMM CHAMBERS FINAL POSITIONING TO BE AGREED WITH EIRGRID PRIOR TO INSTALLATION.

Notes:

1. A surface cable marker (metallic plate; 300mm x150mm to ESB standard) will be placed on the bridge where cable depth is unavoidably shallow.
2. Requirements of Road Engineer will be facilitated at detailed design stage

rev.	modifications	by	chk	date

Client
Constant Energy Limited

Project
Proposed Tirawley Wind Farm & 110kV Grid Connection Route

Stage
Planning

Title
Grid Connection Route:
Proposed 110kV Joint Bay
General Arrangement

Scales
1:50 (A1)

Surveyed	Drawn	Checked	Approved	Date
	LB	DT/MG	DK	April 2026

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6289-PL-GR-1307

Revision