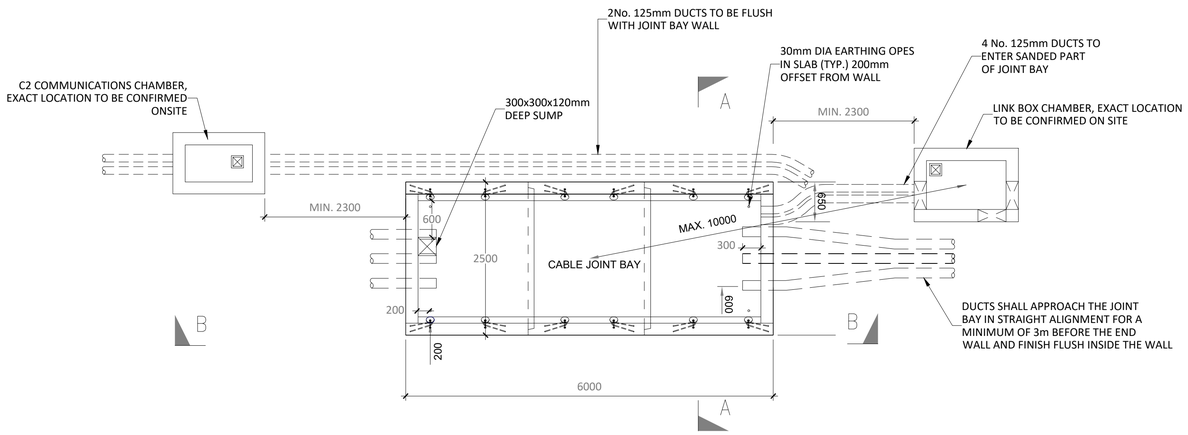
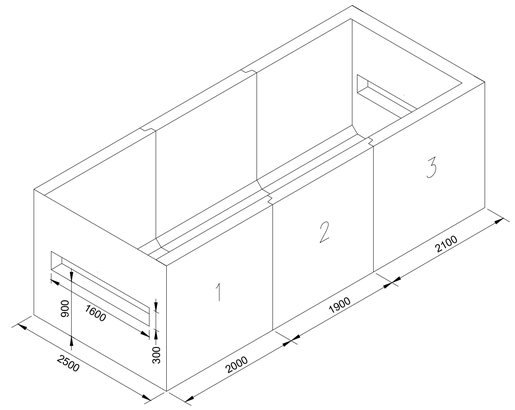
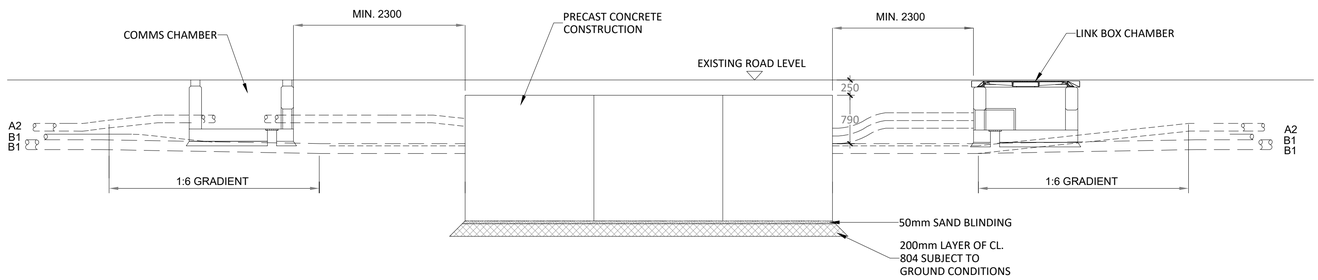
ISO A1 594mm x 841mm



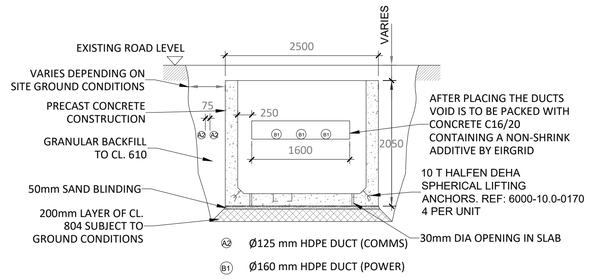
PLAN VIEW
SCALE 1:50



ISOMETRIC VIEW PRECAST CHAMBER
SCALE 1:50



SECTION B-B
SCALE 1:50



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.

Project Management Initials: Designer: AF Checked: DB Approved: RG

tli GROUP

Head Office
Beenreigh,
Abbeydorney,
Tralee, Co. Kerry
Ireland
Tel: 00353 66 7135710

Regional Office
Basepoint Business Centre
Stroudley Road, Basingstoke,
Hampshire,
RG24 8UP, UK
Tel: 00 44 1256406664

PROJECT

Coumnagappul WF
110kV Grid Connection

CLIENT

EMPower

CONSULTANTS

NOTES: -

See General Notes

LEGEND: -

ISSUE/REVISION

P1	13.01.2023	Issued For Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-828

SHEET TITLE

Typical 110kV Joint Bay General Arrangement and Details

SHEET NUMBER

05828-DR-162