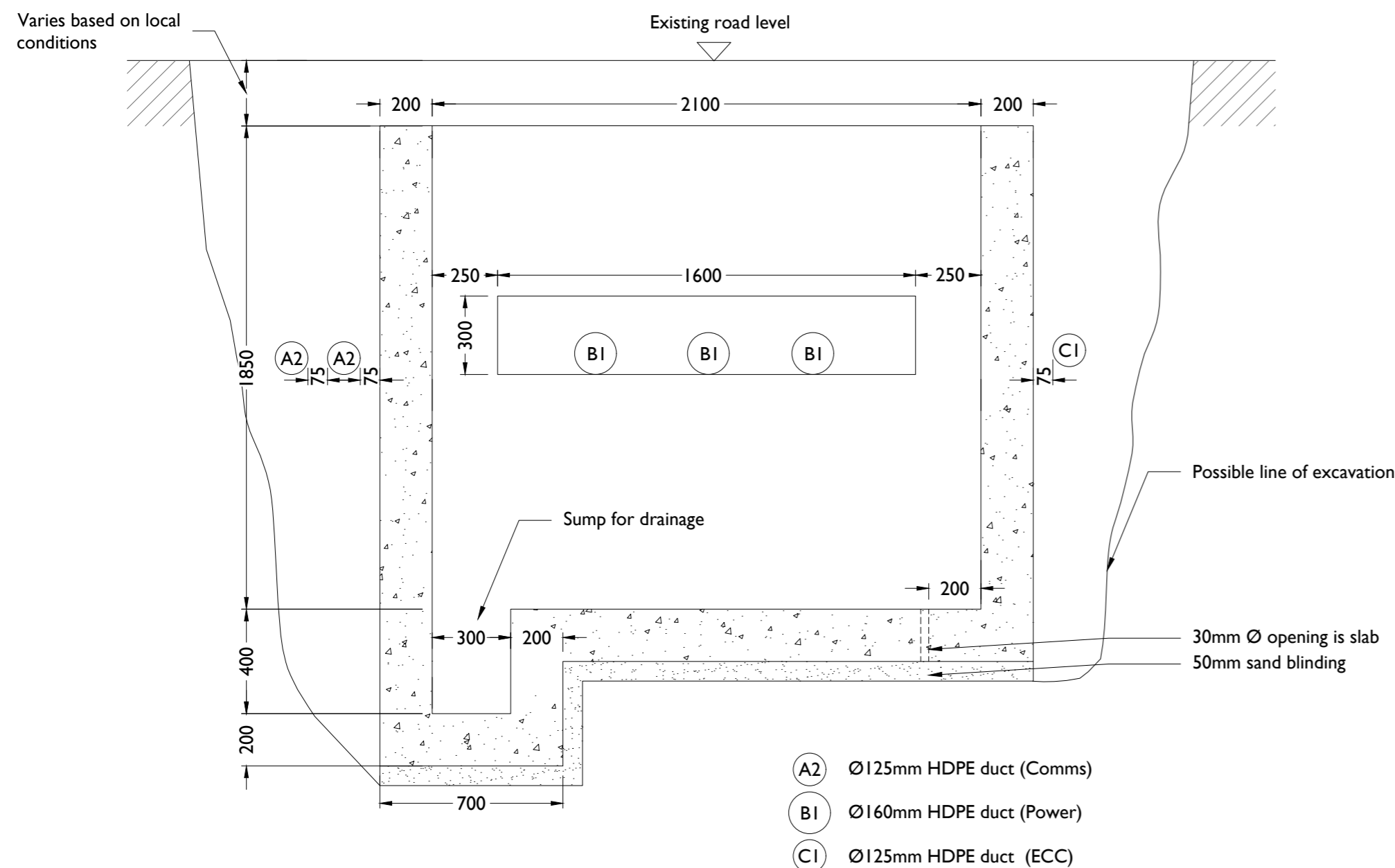


Table I - Duct Separation

	X	Y	Z	W
110kV	560	400	400	740

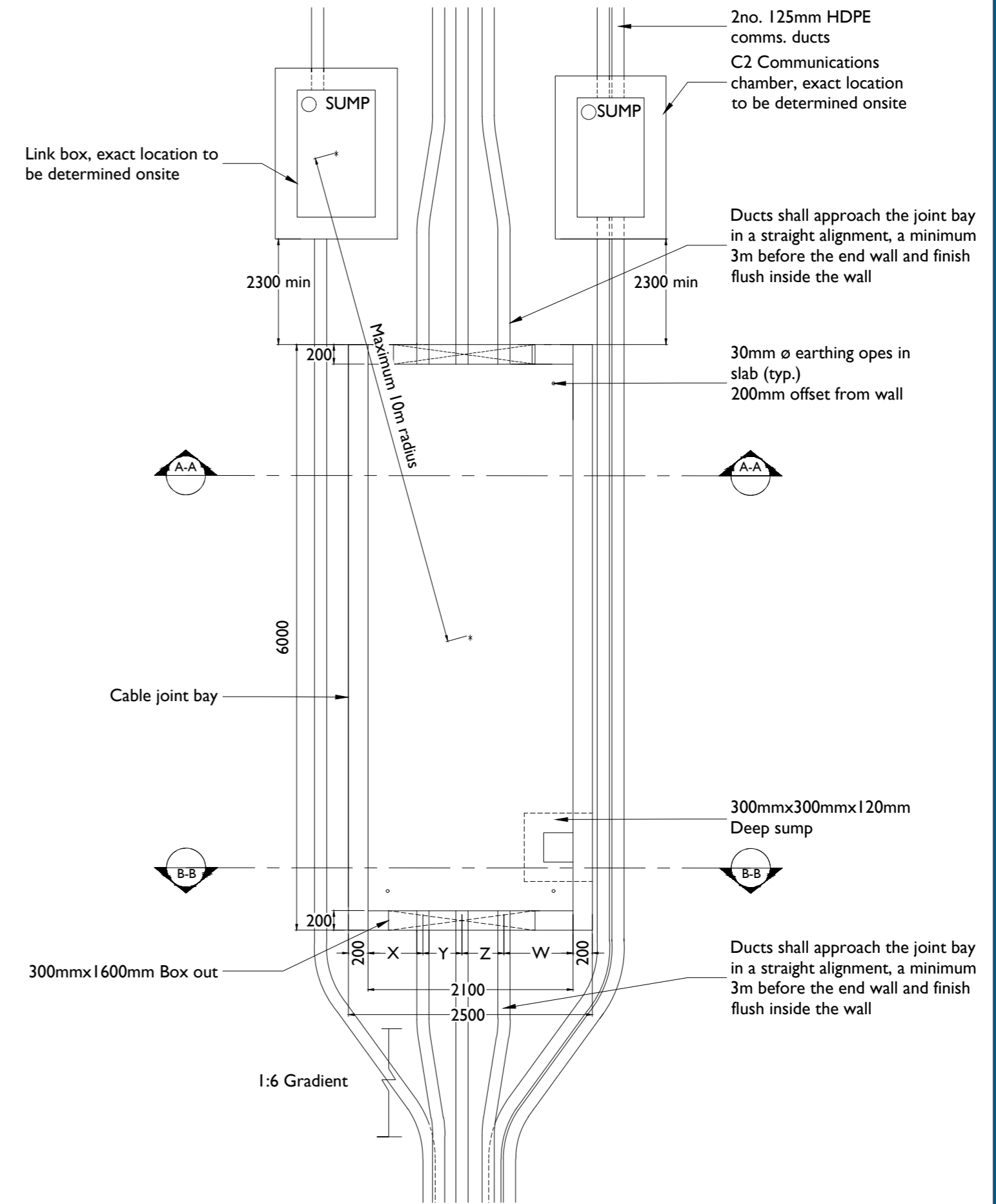
- (A2) Ø125mm HDPE duct (Comms)
- (BI) Ø160mm HDPE duct (Power)
- (CI) Ø125mm HDPE duct (ECC)
- (DI) Ø125mm HDPE duct (Bonding Leads)

Section A-A
Scale 1:20



- (A2) Ø125mm HDPE duct (Comms)
- (BI) Ø160mm HDPE duct (Power)
- (CI) Ø125mm HDPE duct (ECC)

Section B-B
Scale 1:20



Typical Plan of Joint Bay in Road
Scale 1:50

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.
- 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.
- Link box chambers and C2 comm chambers shall 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 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

PROJECT

Coom Green Energy Park
110kV Grid Connection

CLIENT

Coom Green Energy
Park Limited

CONSULTANTS



NOTES: -

- This drawing is to be read in conjunction with relevant drawings, specifications and reports.
- Dimensions are in millimeters, unless noted otherwise.
- Drawings are not to be scaled use figured dimensions only.
- The compaction of backfill material around the cables shall be carried out by hand.
- The contractor shall provide test certificates confirming that the thermal resistivity of the thermal sand is maximum 1.k.m/W.

LEGEND: -

Issued for Planning
29.10.2025

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P1	29.10.25	Issued for Planning
N1	02.04.25	Information for Review

PROJECT NUMBER

300-100920

SHEET TITLE

Joint Bay-
General Arrangement

SHEET NUMBER

300100920-DR-242