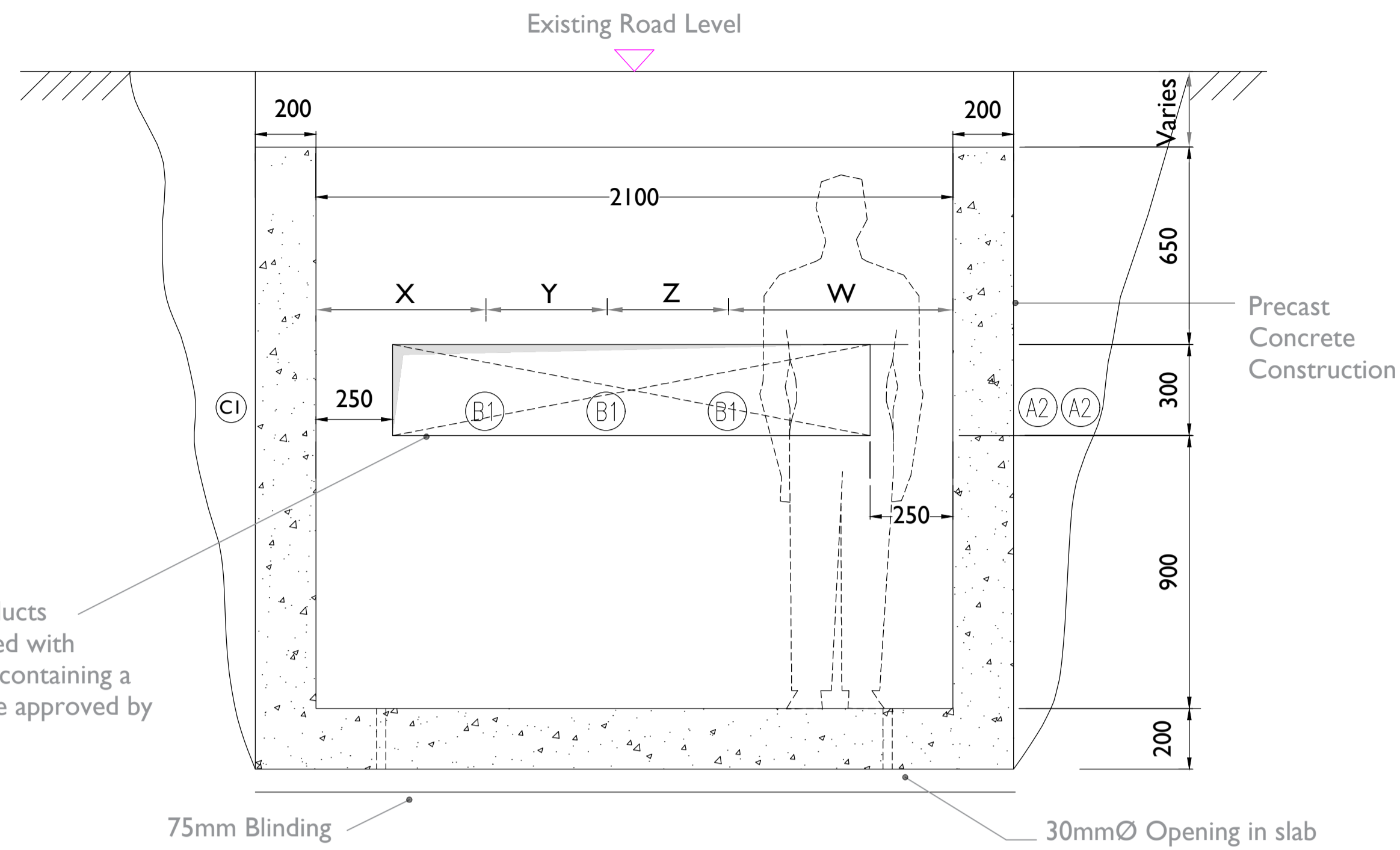


TYPICAL PLAN OF JOINT BAY IN ROAD
Scale 1:100

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.

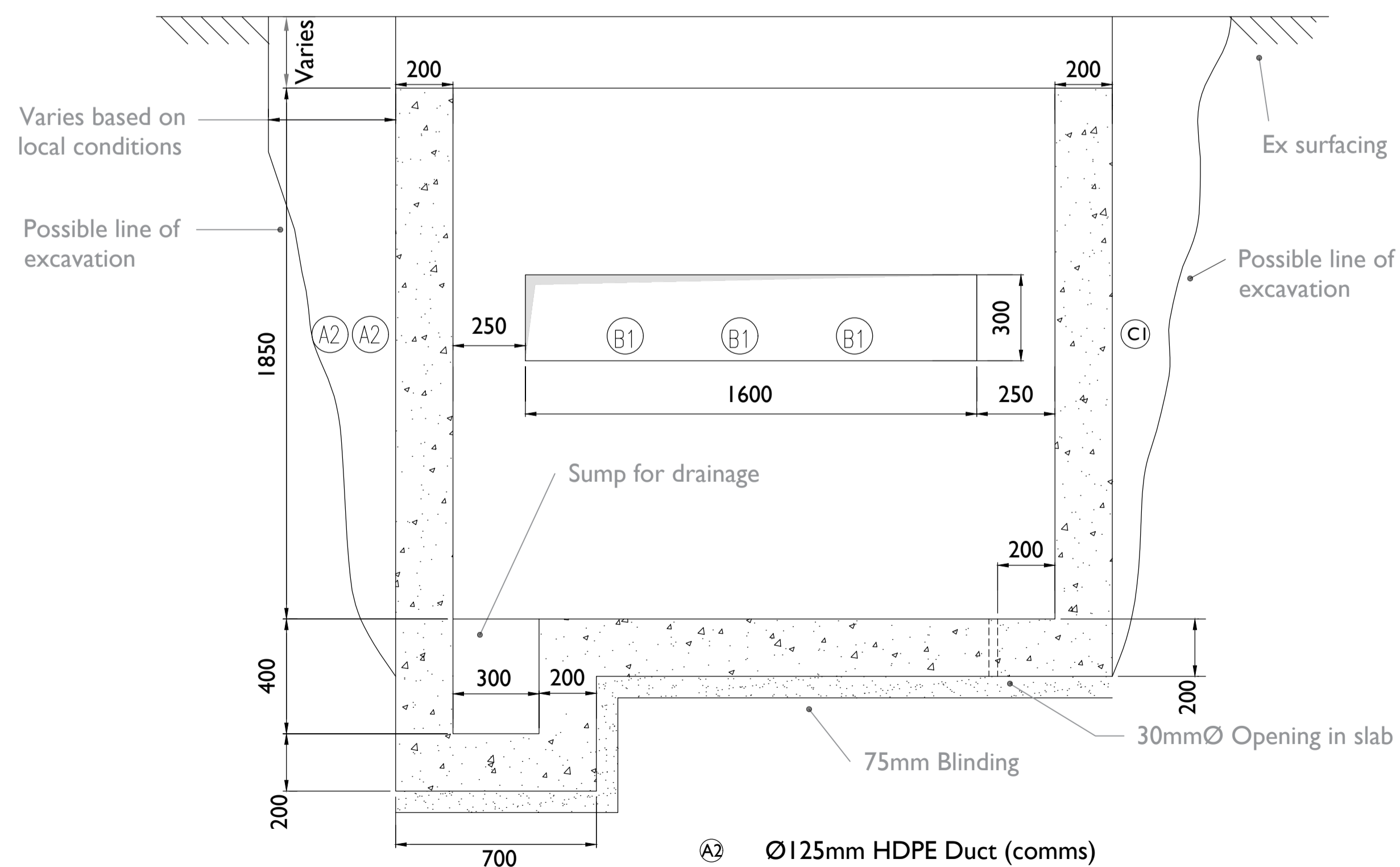


SECTION A-A
Scale 1:50

- Ⓐ2 Ø125mm HDPE Duct (Comms)
- Ⓑ1 Ø160mm HDPE Duct
- Ⓒ1 Ø125mm HDPE Duct (ECC)

Table I - Duct Separation

	X	Y	Z	W
110kV	560	400	400	760



SECTION B-B
Scale 1:50

- Ⓐ2 Ø125mm HDPE Duct (comms)
- Ⓑ1 Ø160mm HDPE Duct
- Ⓒ1 Ø125mm HDPE Duct (ECC)

PROJECT

**Ballincor Wind Farm
110 kV Grid Connection**

CLIENT

RWE

CONSULTANTS



NOTES: -

- See General Notes

LEGEND: -

ISSUE/REVISION

NO.	DATE	DESCRIPTION
P2	07.07.2025	Issued for Planning
P1	09.08.2024	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-867

SHEET TITLE

110kV Joint Bay Plan & Sections

SHEET NUMBER

05867-DR-212