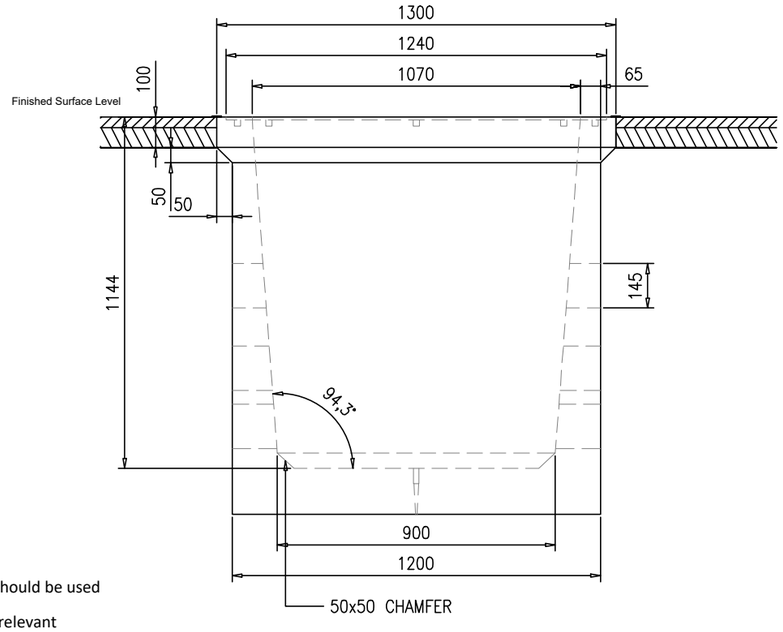
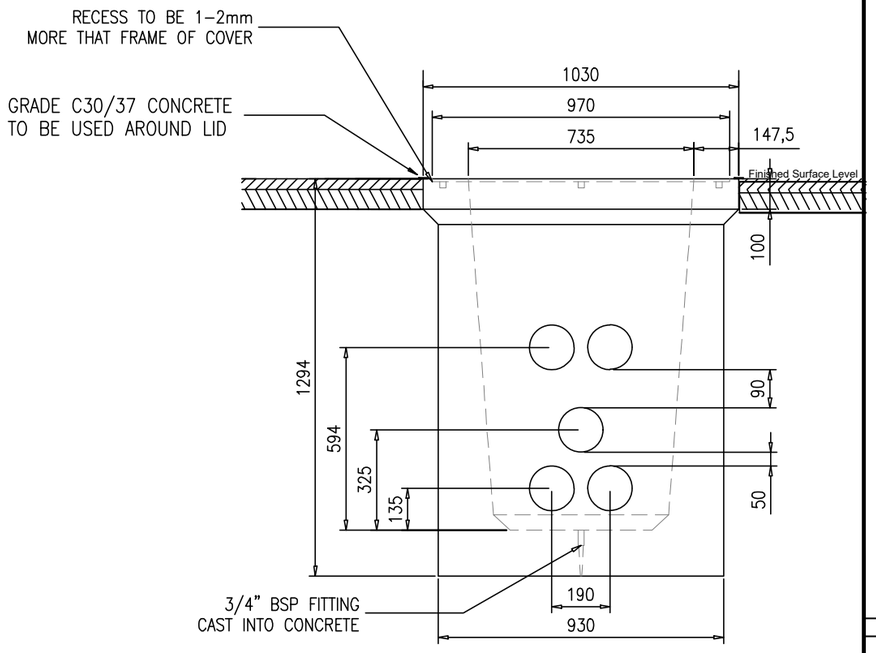


C2 Chamber Detail - Section A

SCALE 1:20

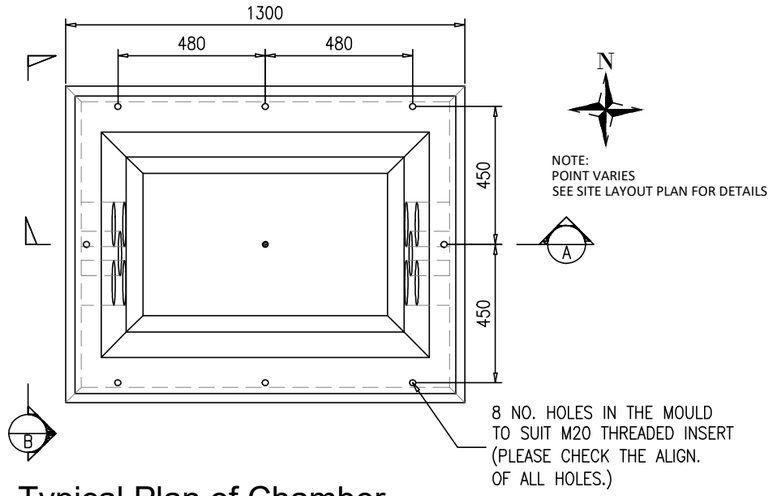


C2 Chamber Detail - Section B

SCALE 1:20

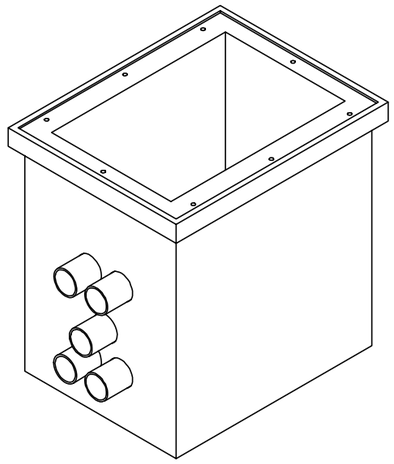
NOTES:

1. This design is subject to EirGrid approval and should be used for planning purposes only.
2. This drawing is to be read in conjunction with relevant drawings, specifications and reports.
3. Dimensions are in millimetres, unless noted otherwise.
4. Drawings are not to be scaled use figured dimensions only.
5. Reinstatement to comply with requirements of the relevant local Authority/landowner.
6. Entrance & Exit ducts to be in line.
7. All material and workmanship to be in accordance with the NRA./TII specification for Roadworks, May 2005 and subsequent revisions.
8. Reinforced concrete to be a minimum grade C32/40, Sulphate resisting cement to be used where aggressive soil conditions apply, refer to table 6.1 of B.S. 8110.
9. Carraigeway covers and frames to be to B.S. 124.
10. All covers to have ESB logo incorporated in them to the approval of EirGrid.
11. Step irons to be hot dipped galvanised to B.S. 729 and positioned as shown on any chamber deeper than 700mm on the end remote from any side entry duct.
12. C2 chambers to be obtained from ESB approved suppliers only.
13. Final position of C2 chambers shall be agreed with EirGrid.
14. In a forest environment backfill with lean mix outside the cover frame.



Typical Plan of Chamber

SCALE 1:20



Isometric : C2 Chamber Arrangement

SCALE 1:20

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 Comms Chamber (C2)

Scales: 1:20 (A3)

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

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Revision