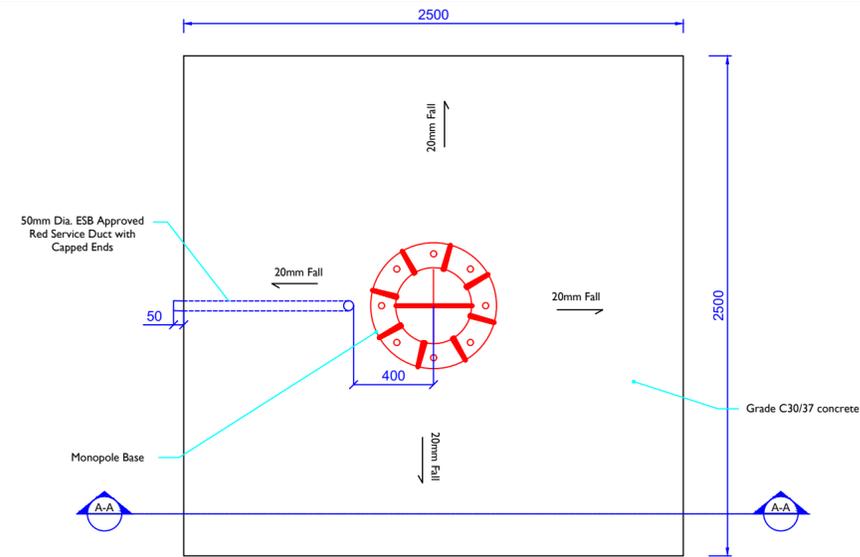
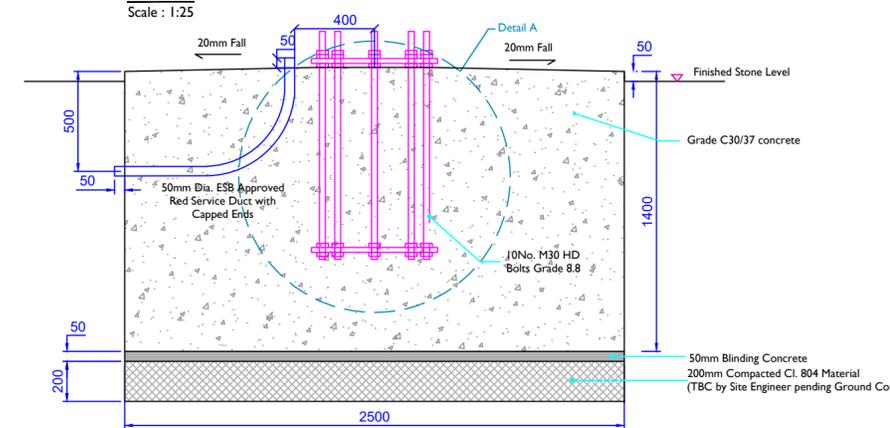


Detail based on Lamppost Construction ESB Specification 18m Lightning Monopole



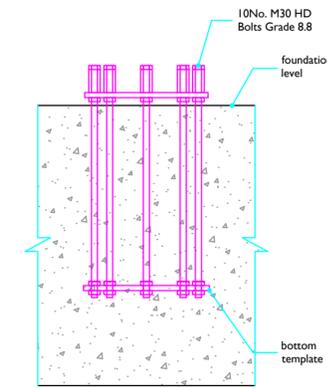
**PLAN**

Scale : 1:25



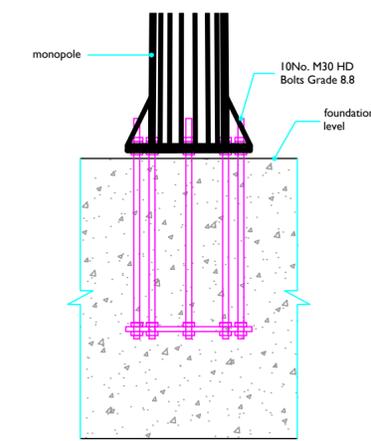
**SECTION A-A: FOUNDATION DETAIL**

Scale : 1:25



**DETAIL A**

Scale : 1:25



**MONOPOLE BASE PLATE TO HDB CONNECTION**

Scale : 1:25

**GENERAL NOTES:**

1. ALL drawings to be read in conjunction with the Specification and all Engineers and Architects Drawings.
2. All concrete to be in accordance with I.S. EN 206-1:2002 with the Mix Designs shown in Table I
3. Concrete finishes to be in accordance with Table 6.1 of the ESBI Specification CS17-SO1-005.
4. ALL Reinforcement shall be in accordance with BS4449 and scheduled in accordance with BS.8666. 300mm Laps for A142 Mesh 600mm Min Laps for A393 Mesh.
5. Refer always to relevant Earth Grid drawing prior to excavations & concrete pours.
6. Geometrical tolerances to be in accordance with Table 6.2 of ESBI Specification CS17-SO1-005

**FOUNDATION NOTES:**

7. Ground to have a minimum Bearing Capacity of 100 kN/m<sup>2</sup>.
8. Formation level and Foundations to be inspected and approved by the Engineer prior to any Concrete being poured.
9. All Foundations are to be blinded immediately after excavation with 50mm of C16/20 Concrete Blinding.
10. Refer always to the relevant Earth Work Drawings prior to Excavations & Concrete pours.

**PROJECT**

Gortnalug 110 kV Substation  
Loop In and Out  
Grid Connection

**CLIENT**



**CONSULTANTS**

**NOTES: -**

- This drawing is to be read in conjunction with relevant engineering drawings, specifications and reports
- Dimensions are in millimeters, unless noted otherwise
- Drawings are not to be scaled use figured dimensions only

**LEGEND: -**

**ISSUE/REVISION**

NO.	DATE	DESCRIPTION
P2	01.12.25	Issued for Planning
P1	12.11.25	Issued for Planning
I/R	DATE	DESCRIPTION

**PROJECT NUMBER**

300-101338

**SHEET TITLE**

Monopole Lightning Mast Details -18m

**SHEET NUMBER**

300101338-DR-211

**MONOPOLE DETAILS**

Scale : 1:50