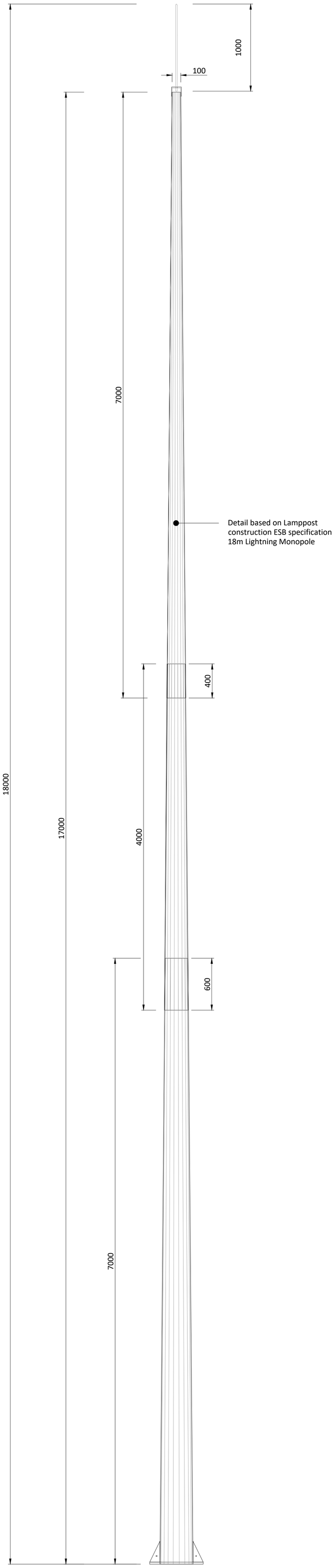
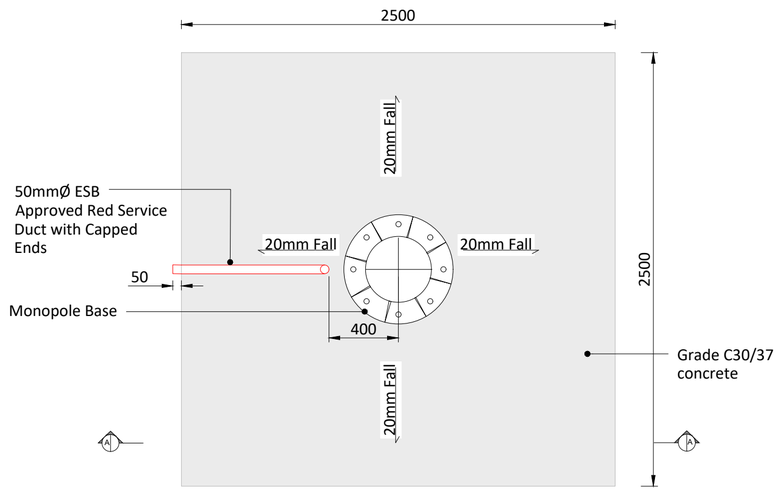
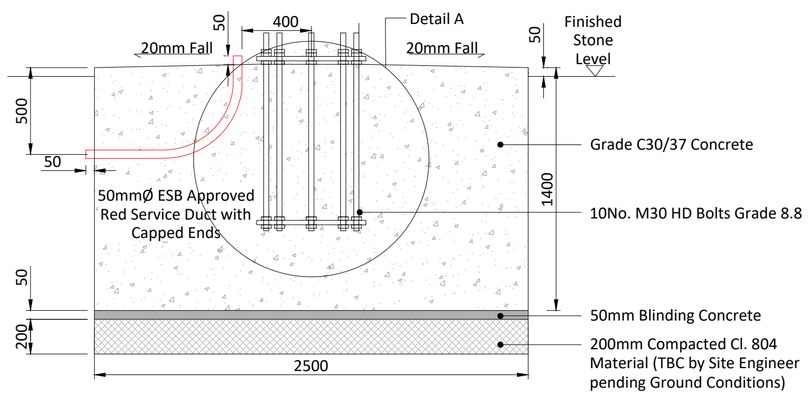
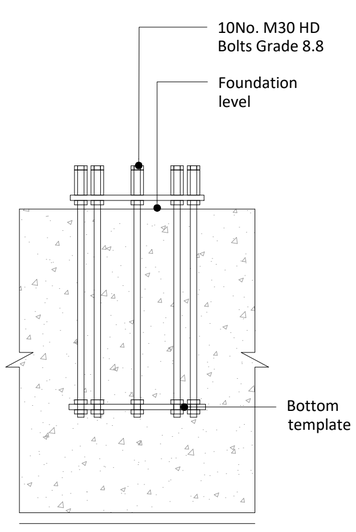




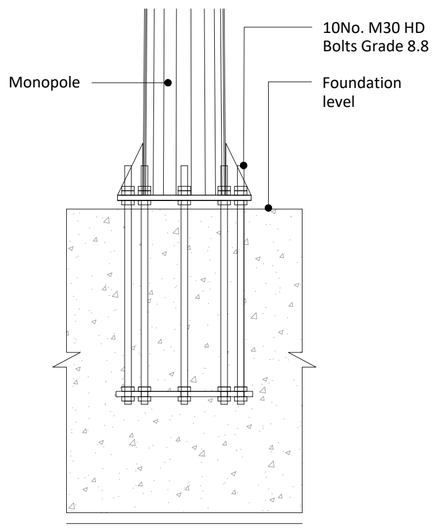
Plan
Scale: 1:25



Section A-A: Foundation Detail
Scale: 1:25



Detail A
Scale: 1:20



Monopole Base Plate To HDB Connection
Scale: 1:20

Monopole Details
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 1
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-S01-005

Foundation Notes:

7. Ground to have a minimum bearing capacity of 100 kN/m².
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.

LEGEND: -

13.10.2026
ISSUED FOR INFORMATION

NOTES: -

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

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PROJECT

Rooaunalaghta
Green Energy Project

CLIENT

ROOAUNALAGHTA Green Energy

CONSULTANTS

TOBIN CONSULTING ENGINEERS

ISSUE/REVISION

P0	13.10.2026	Issued for Planning
N0	14.08.2026	Issued for Information
I/R	DATE	DESCRIPTION

PROJECT NUMBER

300101121

SHEET TITLE

Lightning Monopole
Details (18m Mast)
110kV Substation

SHEET NUMBER

300101121-U-DR-164