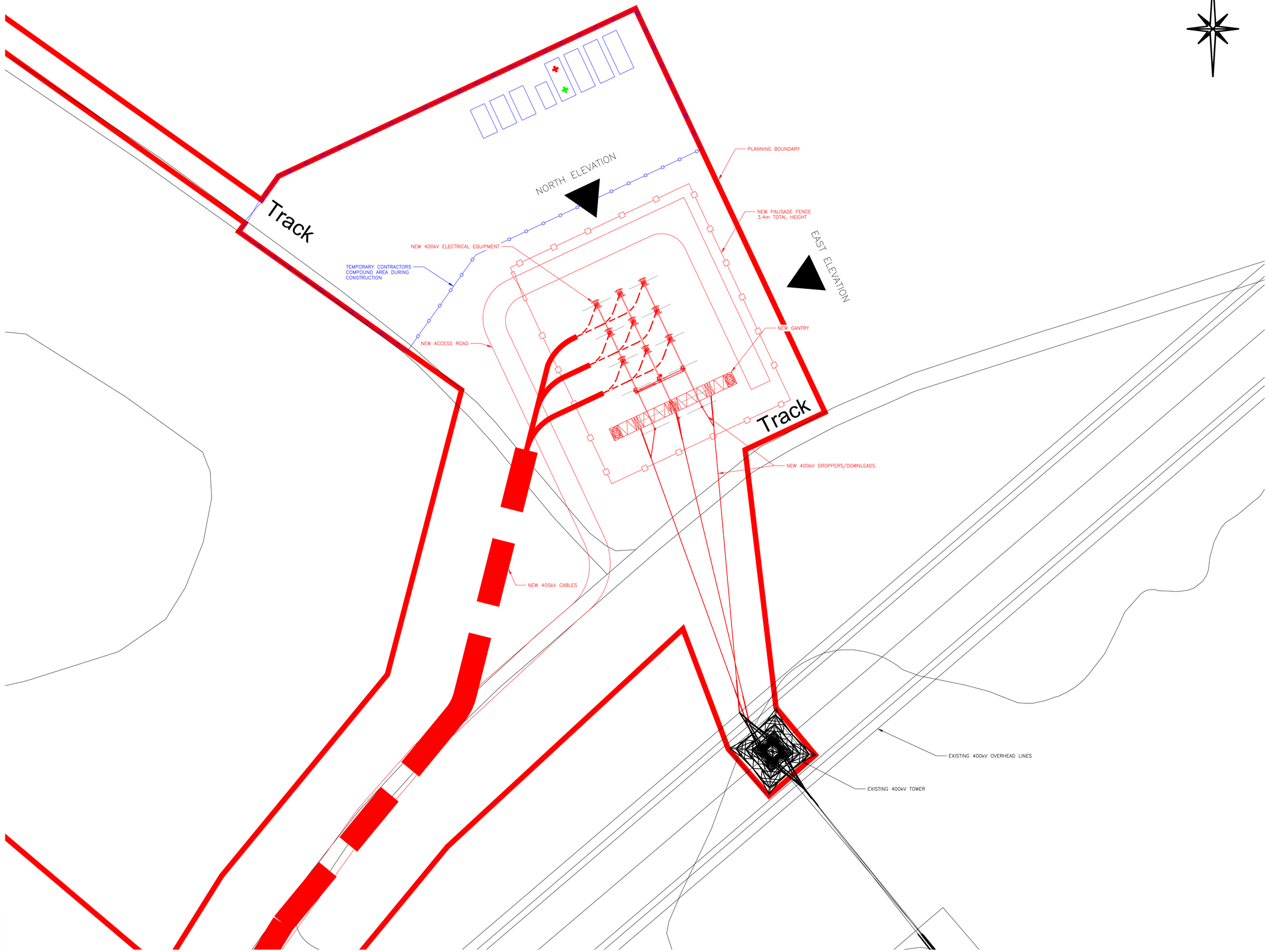
CSE COMPOUND DETAILS
1:250



SUBSTATION MINIMUM ELECTRICAL CLEARANCES IN ACCORDANCE WITH TS 2.1 AND TGN(E) 186

REF	NOMINAL SYSTEM VOLTAGE (rms)	400kV
1	PHASE TO EARTH CLEARANCE	2.8m
2	PHASE TO PHASE CLEARANCE	3.6m
3	SAFETY DISTANCE (FROM NGC SAFETY RULES)	3.1m
4	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) DSH1	4.6m
5	DESIGN CLEARANCE FOR SAFETY (VERTICAL) DS1	5.5m
6	INSULATION HEIGHT (PEDESTRIAN ACCESS)	2.4m
7	MEWP DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) DSH2	6.6m
8	MEWP ACCESS CORRIDOR TO DEAD CIRCUIT	3m
9	CRANE ALLOWANCE	7.5m

NOTES:

1. FOR PLANNING ELEVATIONS, SEE PDD-101839-PLA-002.
2. FOR BUILDING ELEVATIONS, SEE PDD-101839-PLA-003.
3. DETAIL OF OVERHEAD LINE TOWERS, PHASING, SAG, DROPPERS & DOWNLEADS ARE APPROXIMATE.

RELATED DRAWINGS:

PDD-101839-PLA-001:

LEGEND:

- NEW PERMANENT ESTABLISHMENT
- EXISTING ESTABLISHMENT
- TEMPORARY ESTABLISHMENT FOR CONSTRUCTION

5 0 5 10 15 20 25m
ORIGINAL SCALE 1:250

Rev	Description	Cnr'd	Chk'd	App'd	Date
P0	FIRST ISSUE	JD	AT	FM	11.04.24

nationalgrid

Master Scheme No:	Sub-Scheme No:	Site:
101839	*********	CULHAM JET 400kV SUBSTATION

Scheme Name: CULHAM JET 400kV SUBSTATION

Document Title:

PLANNING DRAWING
OPTION D

Created by:	Date:	Checked by:	Date:	Approved by:	Date:
JD	11/04/24	AT	11/04/24	FM	11/04/24

Development Eng:	Document Type:	Scale:	Format:	Sheet(s):	Rev:
M. HALES	PLANNING	1:250	A0	3 OF 3	P0

National Grid Document Number:

PDD-101839-PLA-001

FEED Document Number:

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