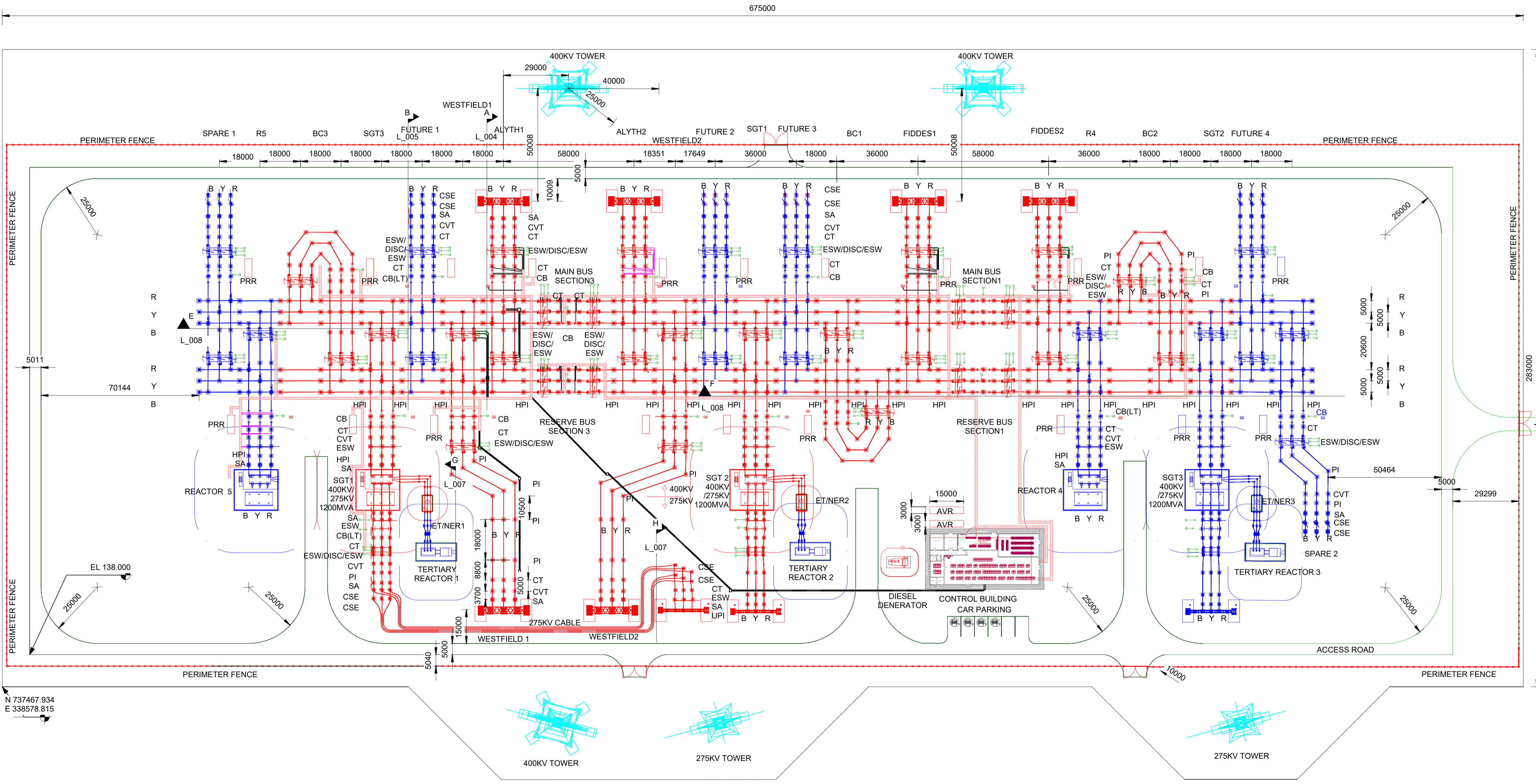
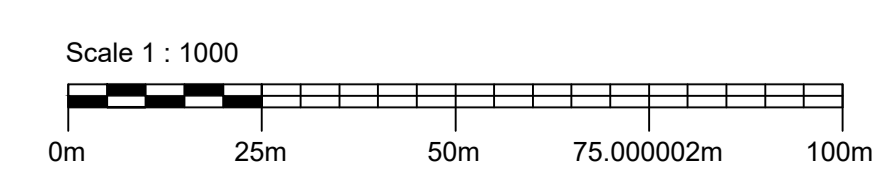


ELECTRICAL CLEARANCES (BASED UPON SSEN SPECIFICATION SP-NET-SST-501)			
NOMINAL SYSTEM VOLTAGE	400kV	275kV	33kV
MINIMUM CLEARANCE BETWEEN LIVE METAL AND EARTH (E)	2800mm	2100mm	500mm
MINIMUM CLEARANCE BETWEEN LIVE METAL OF DIFFERENT PHASES (P)	3600mm	2400mm	430mm
SAFETY DISTANCE	3100mm	2400mm	800mm
MINIMUM TOAL AIR GAP BETWEEN TERMINALS OF THE SAME POLE OF ISOLATORS	3600mm	2400mm	430mm
WORKING AND ACCESS CLEARANCE (VERTICAL) (Db)	5200mm	4500mm	2900mm
WORKING AND ACCESS CLEARANCE (HORIZONTAL) (Da)	4600mm	3900mm	2300mm
MINIMUM SAFETY CLEARANCE BETWEEN LIVE METAL AND POSITIONS TO WHICH ACCESS IS PERMISSIBLE WITH OTHER EQUIPMENT LIVE (Ds)	5500mm	4800mm	2900mm
MINIMUM INSULATION HEIGHT (PEDESTRIAN ACCESS9) (IH)	2400mm	2400mm	2400mm

- NOTES**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND SPECIALISTS DRAWINGS & SPECIFICATIONS.
 - ANY DISCREPANCIES BETWEEN THIS DRAWING AND ANY OTHER TO BE REPORTED TO THE ENGINEER IMMEDIATELY. ALL WORKS TO COMPLY WITH THE MOST CURRENT BRITISH STANDARDS.
 - ALL DIMENSIONS IN MILLIMETERS UNLESS STATED OTHERWISE. NO DIMENSIONS ARE TO BE SCALED OFF THE DRAWING. USE FIGURED DIMENSIONS ONLY.
 - ALL DIMENSIONS TO BE ±3mm UNLESS SPECIFIED OTHERWISE.
 - OHL TERMINAL TOWERS ARE NOR PART OF THIS PLANNING APPLICATION.



ELECTRICAL SITE LAYOUT
1 : 1000



REV	DATE	DRWN BY	CHKD BY	APPD BY	REMARKS
P01	06/11/24	RP	JR	PS	FOR PLANNING APPLICATION ONLY



PROJECT TITLE
LT382 - EMMOCK 400 kV SUBSTATION

DRAWING TITLE
ELECTRICAL SITE LAYOUT

SSENT DRAWING NUMBER
EMM04-LT382-OMSI-EPD-ZZ-LAY-E-0002

REV	STATUS	SIZE	SCALE	SHEET NUMBER
P01	S2	A1	1:1000	01 of 01