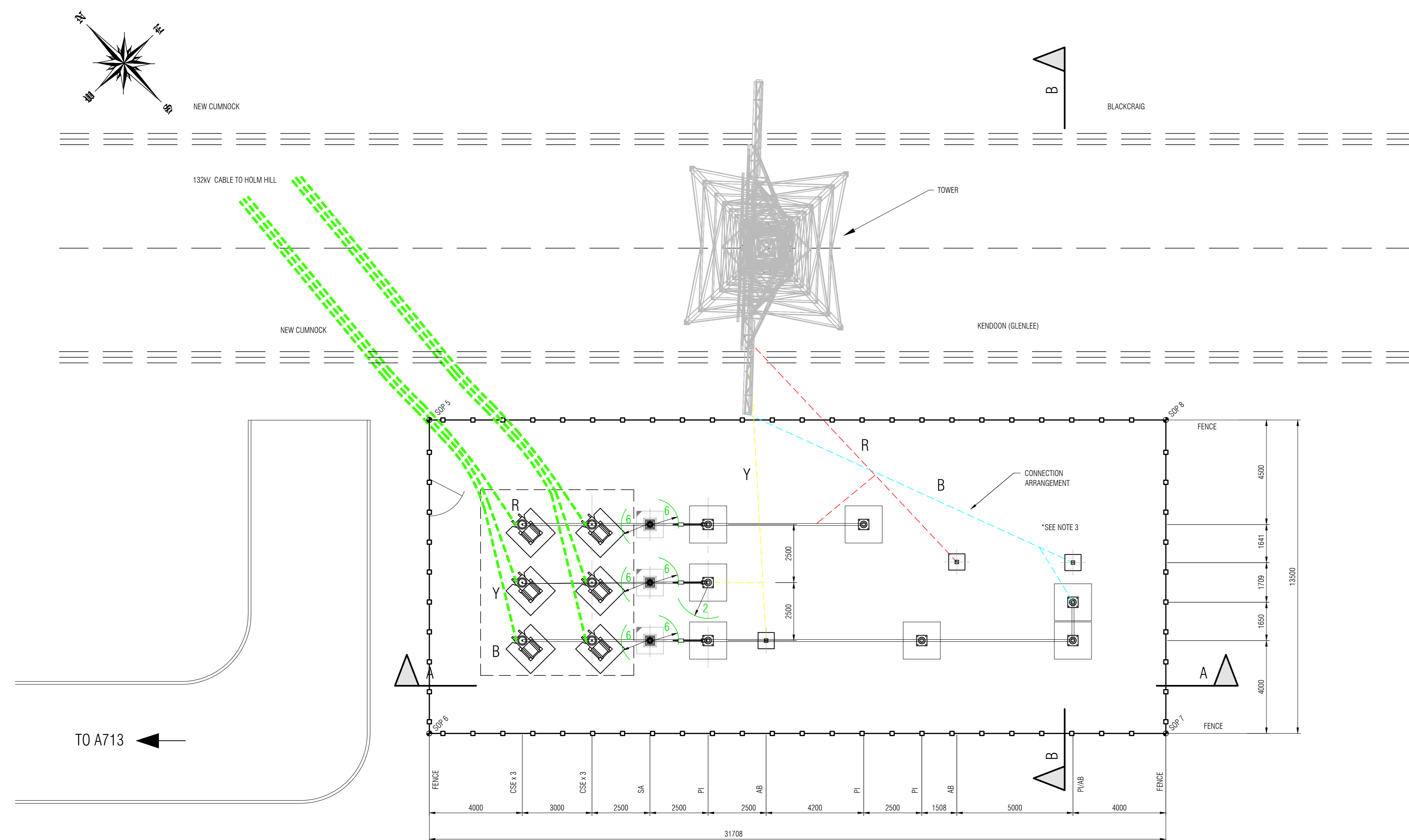
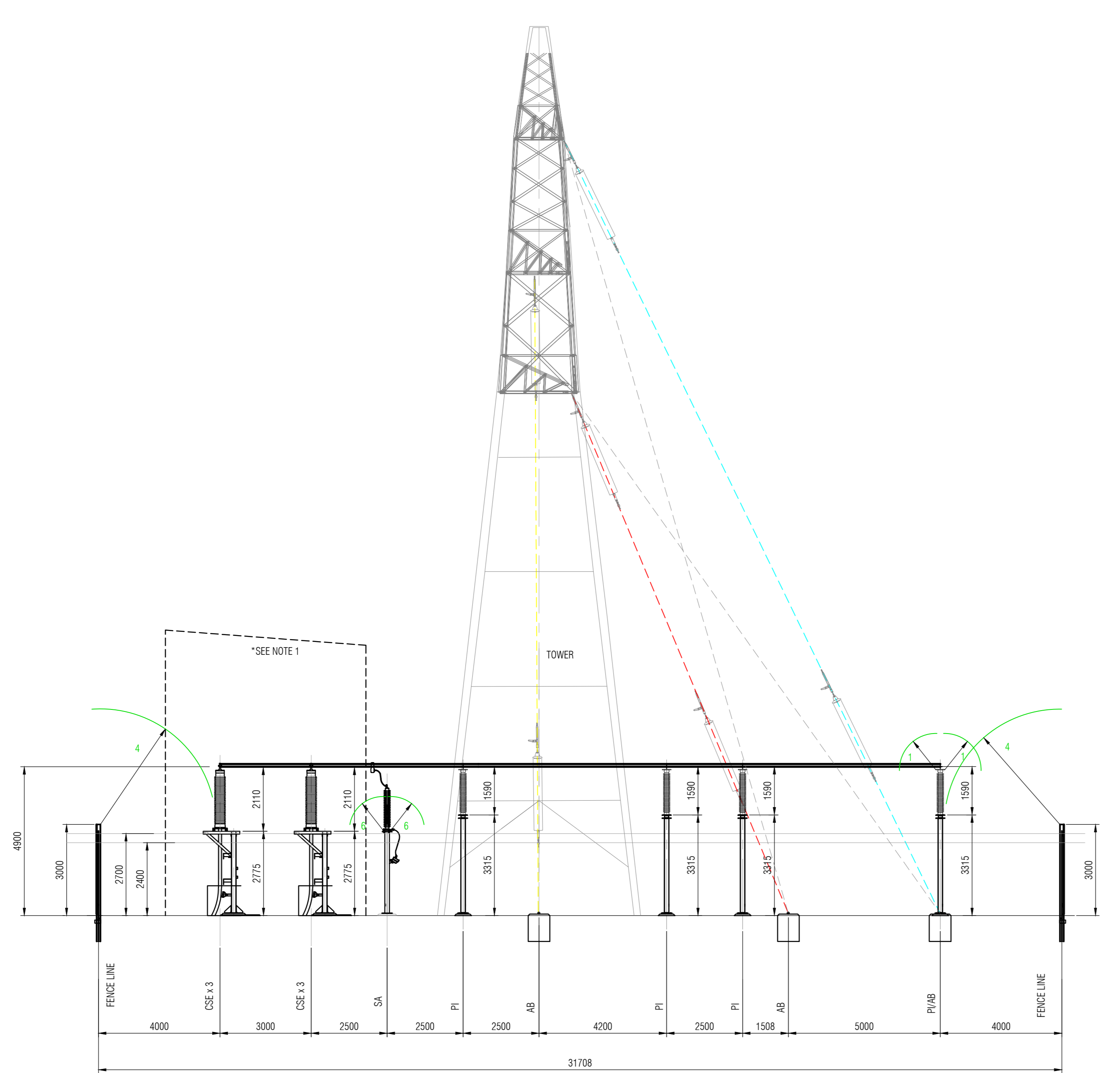


REF.	NOMINAL SYSTEM VOLTAGE (m)	SYSTEM VOLTAGE 132kV
1	PHASE TO EARTH CLEARANCE	1.2m
2	PHASE TO PHASE CLEARANCE	1.4m
3	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) DSH1	2.9m
4	DESIGN CLEARANCE FOR SAFETY (VERTICAL) DS1	3.8m
5	INSULATION HEIGHT (PEDESTRIAN ACCESS)	2.4m
6	ARRESTER TO LIVE EQUIPMENT OF SAME PHASE	1.1m
7	SAFETY DISTANCE	1.4m
8	MEVP DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) DSH2	4.9m
9	MEVP DESIGN CLEARANCE FOR SAFETY (VERTICAL) DS2	5.8m
10	MINIMUM HEIGHT OF CONDUCTORS ABOVE ROADWAYS	6.2m

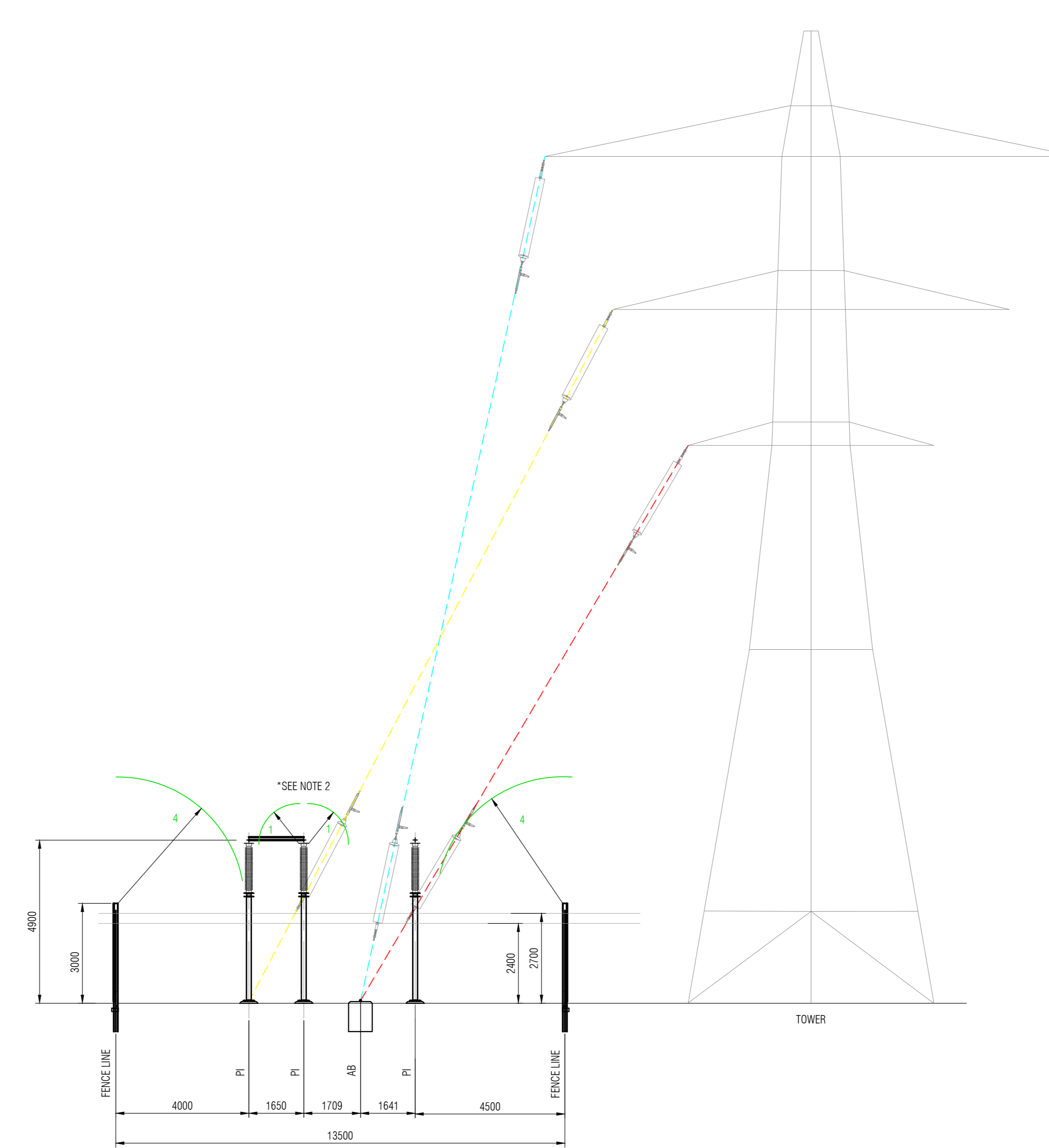


REFERENCE	EASTING	NORTHING
SOP-5	254664.361	59715.828
SOP-6	254654.984	59706.117
SOP-7	254677.794	59684.091
SOP-8	254687.171	59683.803

PLAN ON HOLM HILL SUBSTATION 132kV
TOWER COMPOUND ELECTRICAL LAYOUT
SCALE 1:100



SECTION A-A
SCALE 1:100



SECTION B-B
SCALE 1:100

LEGEND

PROPOSED 132kV CABLE -----

- NOTE:**
- INDICATIVE SCAFFOLDING FOR CABLE TERMINATION WORKS.
 - IEC 60831 clause 7.2.4 STATES THAT THE LOWEST PART OF ANY INSULATION, FOR EXAMPLE UPPER EDGE OF METALLIC INSULATOR BASES, SHALL BE NOT LESS THAN 2250mm ABOVE ACCESSIBLE SURFACES.
 - THE RED AND BLUE PHASE OF THE EXISTING NEW CUMMOCK - KENDOOK 132kV WILL BE SWAPPED AT THE END OF KENDOOK TO TONGLAND REINFORCEMENT (RTR) PROJECT WORKS. DOWNLEAD ARRANGEMENT SHOWN WILL ENABLE THIS PHASE CHANGE TO BE IMPLEMENTED ON THE HOLM HILL 132kV CIRCUIT.

ASSOCIATED DRAWINGS:
 CT2978-2-000F-DA-SPENEE-0110 - HOLM HILL 132KV SUBSTATION SITE LOCATION PLAN
 CT2978-2-000A-DA-SPENEE-0125 - ELECTRICAL LAYOUT AND ELEVATION

Rev	Date	Drawn	Checked	Approved	Reason / Description of changes
01	18/07/2024	SV			REVISED TO SUIT ENGINEER COMMENTS
02	03/07/2024	CAH			REVISED TO SUIT ENGINEER COMMENTS
03	19/06/2021	JM	EM	DM	FIRST ISSUE
04	12/07/2021	TGA			FIRST ISSUE

Project: SPT-RI-1507 - HOLM HILL 132KV SUBSTATION
 Location: HOLM HILL SUBSTATION
 Dwg Title: CSE COMPOUND ELECTRICAL LAYOUT & ELEVATIONS
 Drawn: [Name] Rev'd: [Name] App'd: [Name]
 Date: [Date] Scale: 1:100