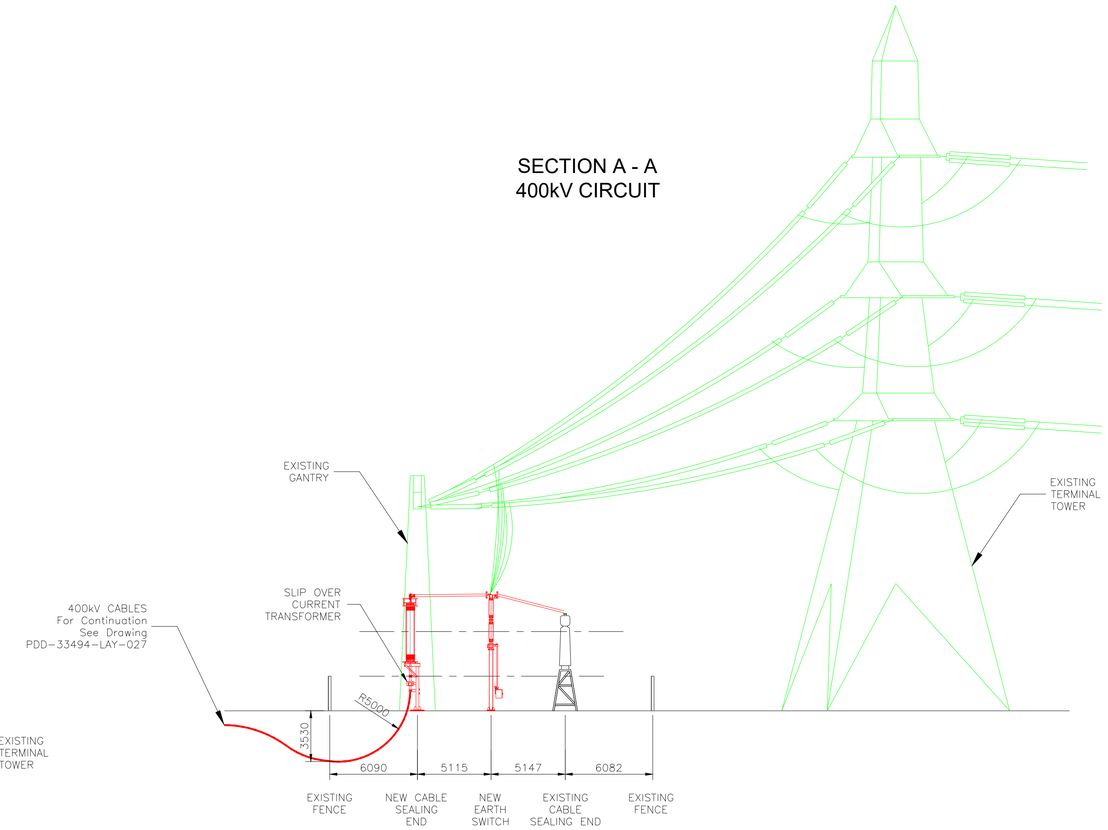
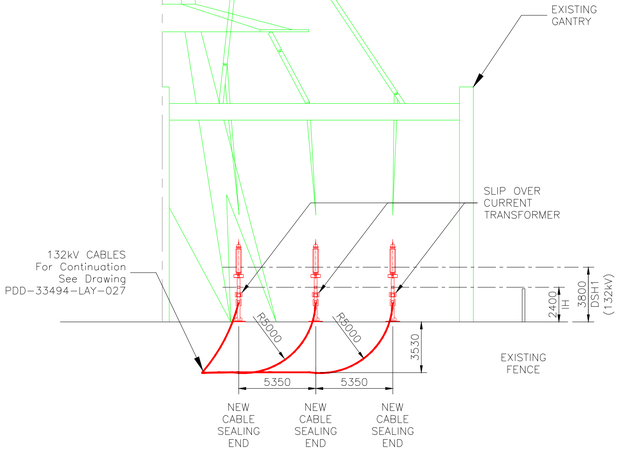
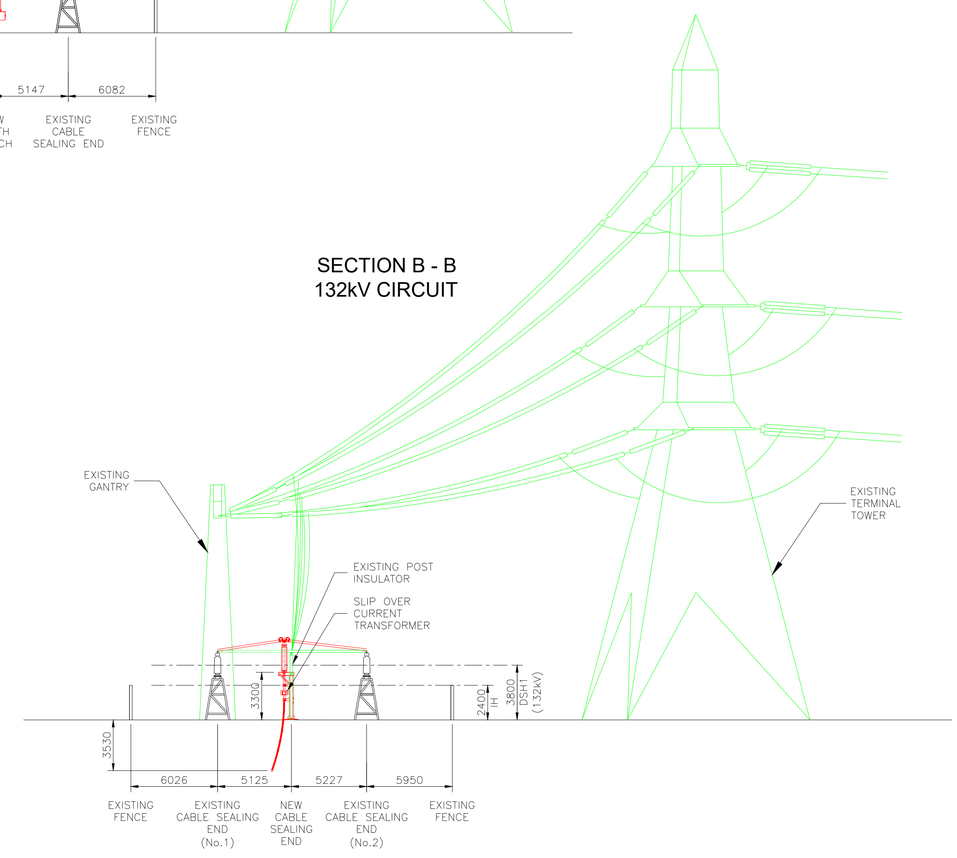
SECTION A - A
400kV CIRCUIT



SECTION C - C
132kV CIRCUIT



SECTION B - B
132kV CIRCUIT



SUBSTATION MINIMUM ELECTRICAL CLEARANCES IN ACCORDANCE WITH TS 2.1			
REF	NOMINAL SYSTEM VOLTAGE (rms)	132kV	400kV
1	PHASE TO EARTH EARTH CLEARANCE	1.1M	2.8M
2	PHASE TO PHASE CLEARANCE	1.4M	3.6M
3	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) DSH1	2.9M	4.6M
4	DESIGN CLEARANCE FOR SAFETY (VERTICAL) DSH1	3.8M	5.5M
5	INSULATION HEIGHT (PEDESTRIAN ACCESS)	2.4M	2.4M
6	SAFETY DISTANCE (FROM NGC SAFETY RULES)	1.4M	3.1M
7	MEWP DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) DSH2	4.9M	6.6M
8	MEWP DESIGN CLEARANCE FOR SAFETY (VERTICAL) DSH2	5.8M	7.5M

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.

LEGEND:

- EXISTING EQUIPMENT
- REMOVED EQUIPMENT
- NEW EQUIPMENT

ASSOCIATED DRAWINGS:

PDD-33494-LAY-023 – PROPOSED GARTH SEALING END COMPOUND LAYOUT

PDD-33494-LAY-027 – PROPOSED GARTH SEALING END COMPOUND CABLE CIRCUIT ELEVATION

0 10 20m

SCALE 1:200

Rev	Description	Cre'd	Chk'd	App'd	Date
P2	NEW CABLE ROUTE SHOWN	MAC	JO	MR	11.07.19
P1	SCALE CHANGED, TERMINAL TOWER ADDED, SECTION C-C ADDED	SV	JO	MR	24.06.19
P0	FIRST ISSUE	SV	JO	MR	08.06.19

nationalgrid

Master Scheme No:	Sub-Scheme No:	Site:
33494		WEST SITE

Scheme Name: SNOWDONIA VIP

Document Title:

Figure 2.3:
PROPOSED GARTH SEALING END COMPOUND ELEVATION

Created by:	Date:	Checked by:	Date:	Approved by:	Date:
SV	08/06/19	MR	08/06/19	CN	08/06/19

Development Eng:	Document Type:	Scale:	Format:	Sheet(s):	Rev:
James Buckley	LAY	1:200	A1	1 OF 1	P2

National Grid Document Number:

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