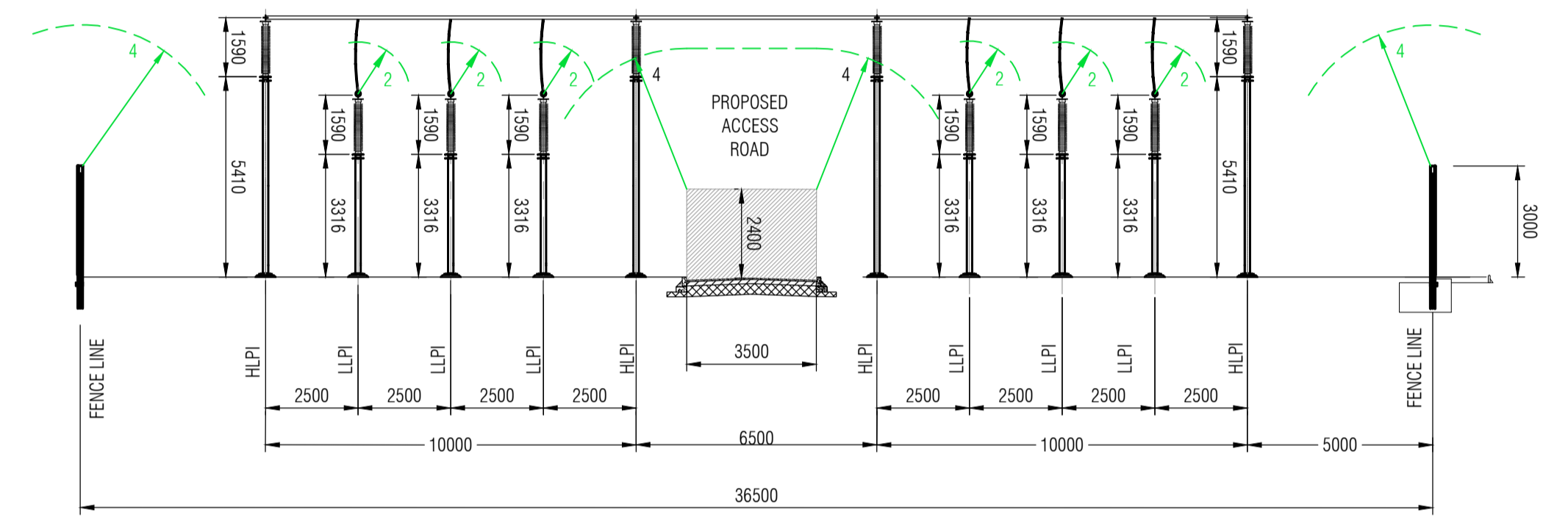


TABLE OF PLANT ACRONYMS	
ACRONYM	PLANT
SA	SURGE ARRESTER
LLPI	LOWER LEVEL POST INSULATOR
HLPI	HIGHER LEVEL POST INSULATOR
DISC	DISCONNECTOR
ESW	EARTH SWITCH
CB	CIRCUIT BREAKER
CT	CURRENT TRANSFORMER
CVT	CAPACITOR VOLTAGE TRANSFORMER
CSE	CABLE SEALING END
MK	MARSHALING KIOSK

REF	SAFETY CLEARANCE DESCRIPTION	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	MEWP DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) DSH2	4.9m
9	MEWP DESIGN CLEARANCE FOR SAFETY (VERTICAL) DS2	5.8m
10	MINIMUM HEIGHT OF CONDUCTORS ABOVE ROADWAYS	6.2m



SECTION B-B
SCALE 1:150

REFERENCE	EASTING	NORTHING
SOP 1	254642.650	595874.178
SOP 2	254675.252	595850.149
SOP 3	254608.282	595827.489
SOP 4	254640.831	595803.449

LEGEND

PROPOSED 132KV CABLE - - - - -

SYMBOLGY:-

DISCONNECTOR MOTOR MECH BOX

EARTH SWITCH MANUAL /MECH

CIRCUIT BREAKER

- NOTE:**
- STORMSAVER RAINWATER HARVESTING TANK (MONSOON ECO 10-1500 LITRES. ASSOCIATED CONTROL UNIT TO BE INSTALLED IN BUILDING'S STORE ROOM
 - GST0285GK KLARGESTER GAMMA SEPTIC TANK OR EQUAL APPROVED. TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
 - INDICATIVE SCAFFOLDING FOR CABLE TERMINATION WORKS.
 - IP WILL BE 2m LONG

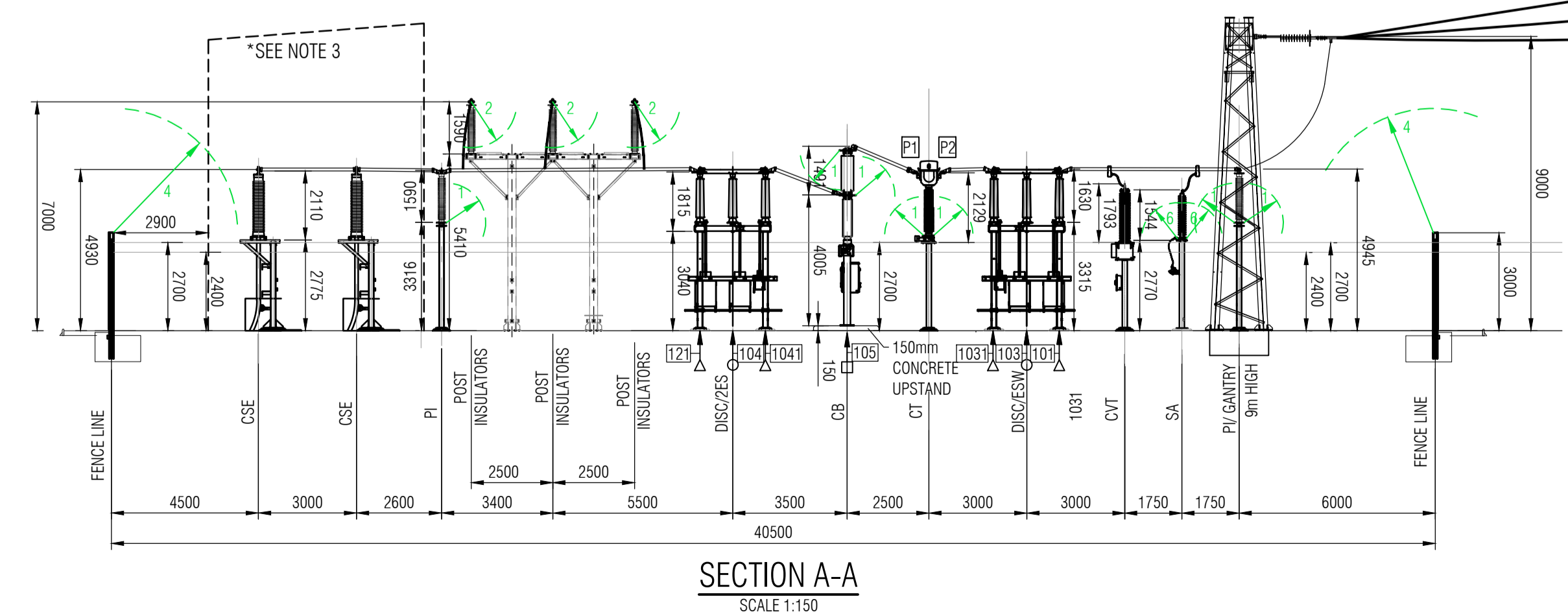
ASSOCIATED DRAWINGS:

CT2978-2-00GF-DA-SPENEX-0110 - HOLM HILL 132KV SUBSTATION SITE LOCATION PLAN
 CT2978-1-TT53-DA-SPENEL-0951 - HOLM HILL 132KV CSE COMPOUND ELECTRICAL LAYOUT & ELEVATIONS

Rev.	Date	Drawn	Reviewed	Approved	Reason / Description of changes.
01	02/07/2024	CAR		PR	INTERNAL ISSUE FOR REVIEW
02	28/03/2024	DW			INTERNAL ISSUE FOR REVIEW
03	15/02/2024	EC			INTERNAL ISSUE FOR REVIEW
04	24/11/2023	EC	JM		INTERNAL ISSUE FOR REVIEW
05	24/11/2023	JM	RH	PC	INTERNAL ISSUE FOR REVIEW
06	31/08/2021	SC	EM	DM	INTERNAL ISSUE FOR REVIEW
07	27/08/2021	SC	EM	DM	INTERNAL ISSUE FOR REVIEW
08	18/08/2021	JM	EM	DM	FIRST ISSUE
09	12/07/2021	TDA			FIRST ISSUE

	Project:	SPT-RI-1507 - HOLMHILL 132KV SUBSTATION		
	Location:	HOLM HILL SUBSTATION		
	Dwg. Title:	ELECTRICAL LAYOUT AND ELEVATION		
Drawn	Rev'd	App'd	Dwg. No.:	Sheet:
			CT2978-2-00JA-DA-SPENEE-0125	- 01
			SPEN Ref. No.:	Scale:
				1:150 A1

PLAN ON HOLM HILL SUBSTATION
ELECTRICAL LAYOUT
SCALE 1:150



SECTION A-A
SCALE 1:150