

KEY PLAN

- NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. THE FOLLOWING MINIMUM CLEARANCE ARE ADOPTED AS PER SPECIFICATION (FOR OUTDOOR SWITCHYARD)
CLEARANCE

a) Ph-Ph	4000
b) Ph-Earth	3500
c) SECTIONAL	6500
d) GROUND	8000
3. MINIMUM LEVEL OF BOTTOM OF ANY INSULATOR ABOVE GROUND LEVEL (FROM PLINTH) IS 2550 MM.
4. CONDUCTOR DETAILS (AS PER APPROVED DESIGN CALCULATIONS):
FLEXIBLE CONDUCTOR (FOR 400KV, 2000A CONNECTION): ACSR TWIN
MOOSE CONDUCTOR
RIGID CONDUCTOR (FOR 400KV, 2000A CONNECTION): 4" IPS (EH)
ALUMINUM TUBE
5. FOR QUANTITIES AND DETAILS OF EQUIPMENTS PLEASE REFER SLD.
6. SPARE EQUIPED BAY SCOPE IS UPTO GIS BUSHING
7. SHEILDWIRE IS INDICATIVE AND FINAL REQUIREMENT WILL BE FURTHER INDICATED AS PER DSLP CALCULATION
8. ROAD SHALL BE FINAL AS PER OVERALL ROAD LAYOUT.





— SHIELD WIRE

REFERENCE DRAWINGS

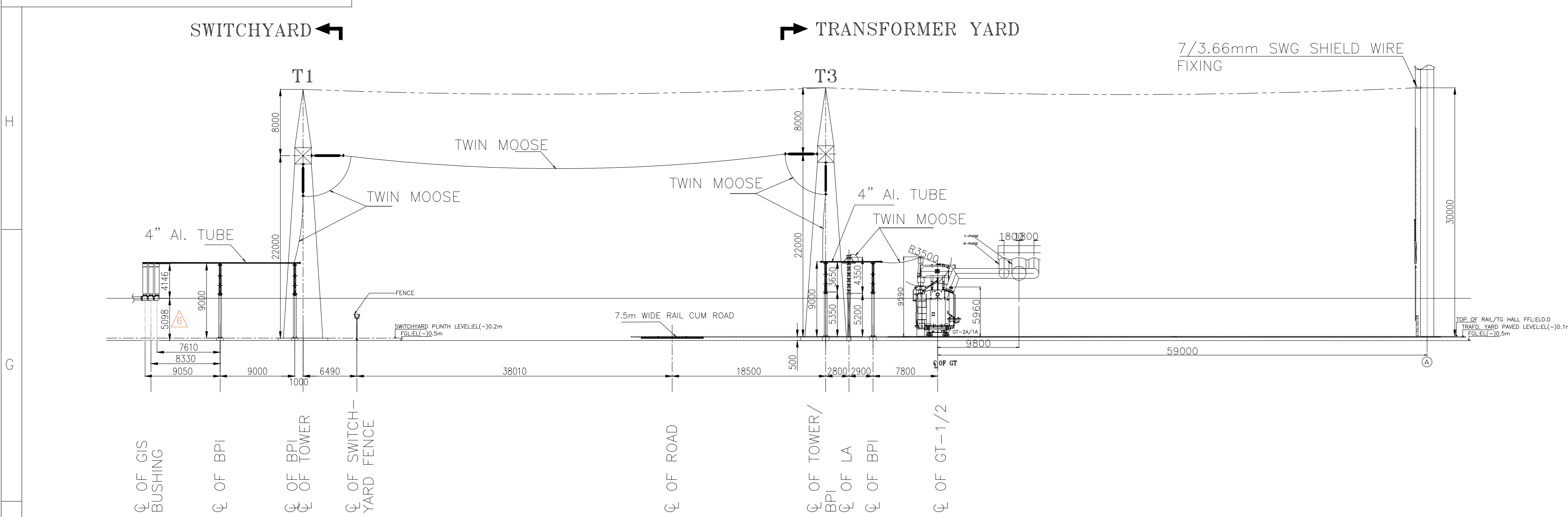
- ▲ SINGLE LINE DIAGRAM DWG. NO. TB-1-400-316-001-REV 12
 ▲ ARCHITECTURAL DRAWING CONTROL ROOM BUILDING (PLAN) DWG. NO. TB-1-400-607-620-1-REV 01
 ▲ CONCEPTUAL GIS BUILDING LAYOUT DWG. NO. TB-1-400-316-005-REV 03
 ▲ GIS LAYOUT DWG. NO. 1HYG900056-2-REV 04
 ▲ PLOT PLAN DWG. NO. PE-DG-435-100-M001-REV 05
 ▲ TRANSFORMER YARD LAYOUT DWG. NO. PE-DG-435-100-E001-REV 01

[illegible]

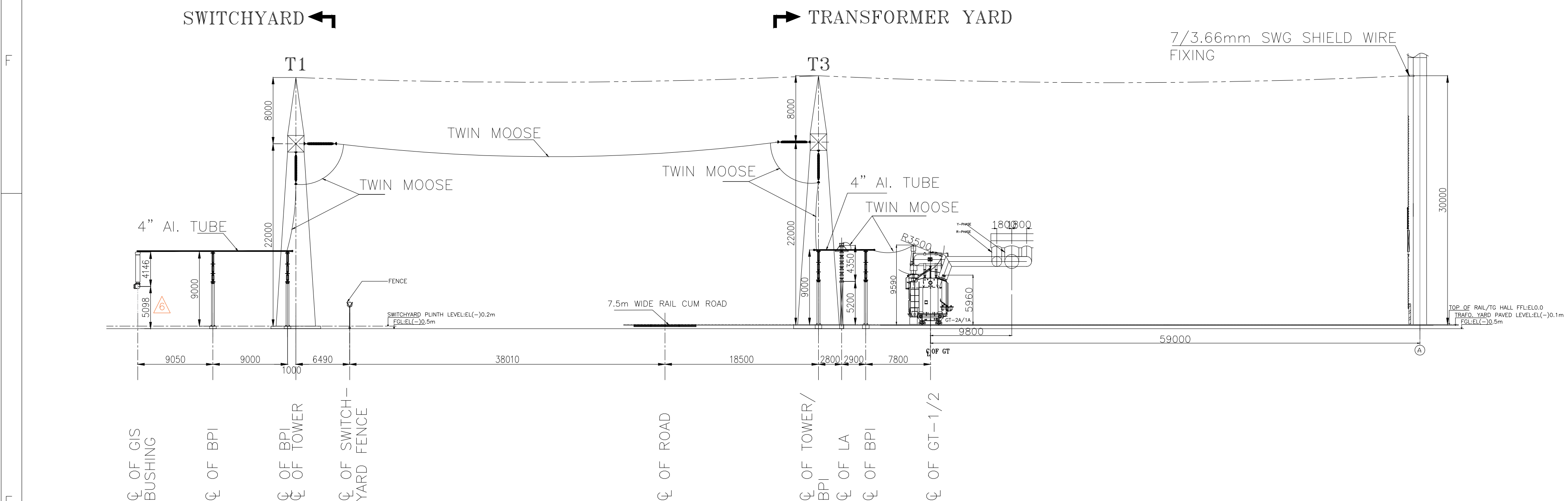
REV	DATE	ALTD	CHD	APPP	REV	DATE	ALTD	CHD	APPP	REV	DATE	ALTD	CHD	APPP	REV	DATE	ALTD	CHD	APPP	REV	DATE	ALTD	CHD	APPP
06	16.04.20	SS	SKS	AG	05	03.03.20	SS	SKS	AG	04	30.12.19	SS	SKS	AG	03	16.11.19	SS	SKS	AG	02	07.08.19	SS	SKS	AG
Revised as per comments vide TCE-11403A-EL-VOT-407 dated 10-01-2020 & clarification vide TB-0-400-316-002-CRS-Rev 05					Revised as per comments vide TCE-11403A-EL-VOT-349 dated 02-01-2020 & clarification vide TB-0-400-316-002-CRS-Rev 04					Revised as per comments vide TCE-11403A-EL-VOT-236 dated 22-11-2019					Revised as per comments vide TCE-11403A-EL-VOT-226 dated 28-08-2019					Revised as per comments vide TCE-11403A-EL-VOT-125 dated 02-07-2019				

PROJECT	2X660 MW UGANDI SUPERCRITICAL TPS, STAGE-1				
CUSTOMER		TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)			
CONSULTANT		TATA CONSULTING ENGINEERS LIMITED BANGALURU			
 Manufacturing Company	BHARAT HEAVY ELECTRICALS LTD TRANSMISSION BUSINESS GROUP NOIDA				
	COPY RIGHT AND CONFIDENTIAL The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED. It must not be used directly or indirectly in any way detrimental to the interest of the company.				
TITLE	GIS AND POTHEAD YARD PLAN & SECTION LAYOUT				
	DEPT.	SCALE	DRAWING NO.		
	SIGN	1:300	TB-0-400-316-002		
					
	SHEET	01	OF	02	REV. 06

200-915-000-316-002



SECTION: A-A: (GT-1 BAY)

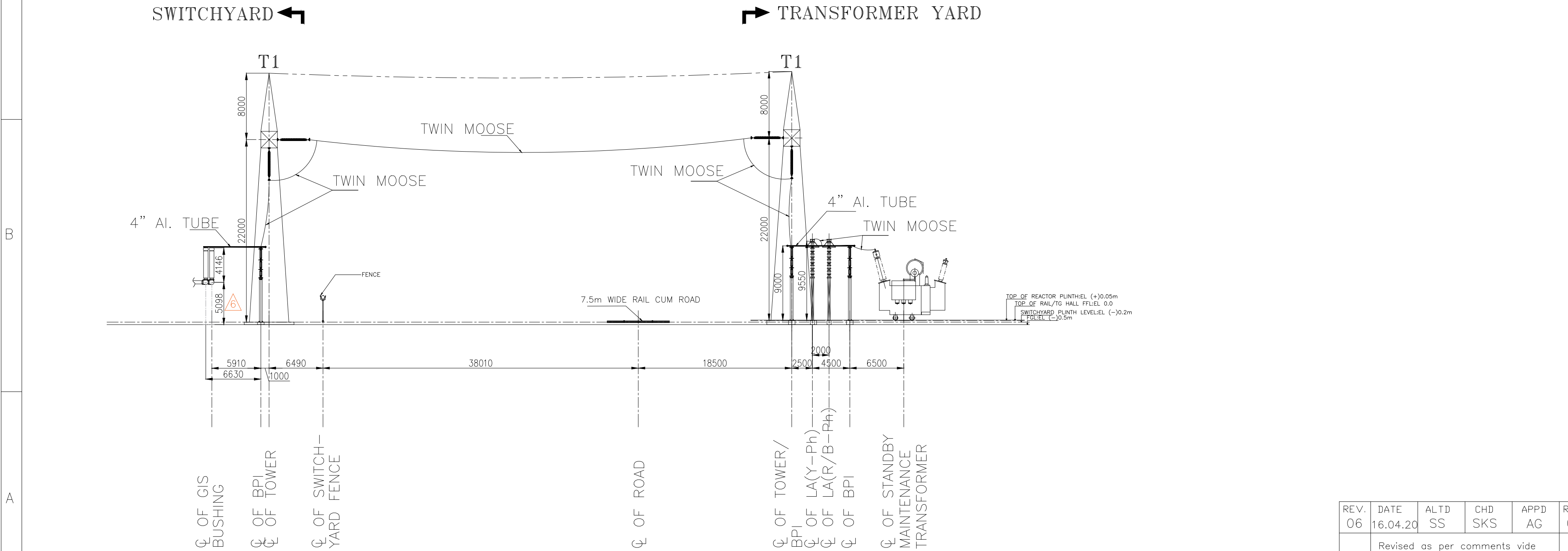


SECTION: A1-A1: (GT-2 BAY)

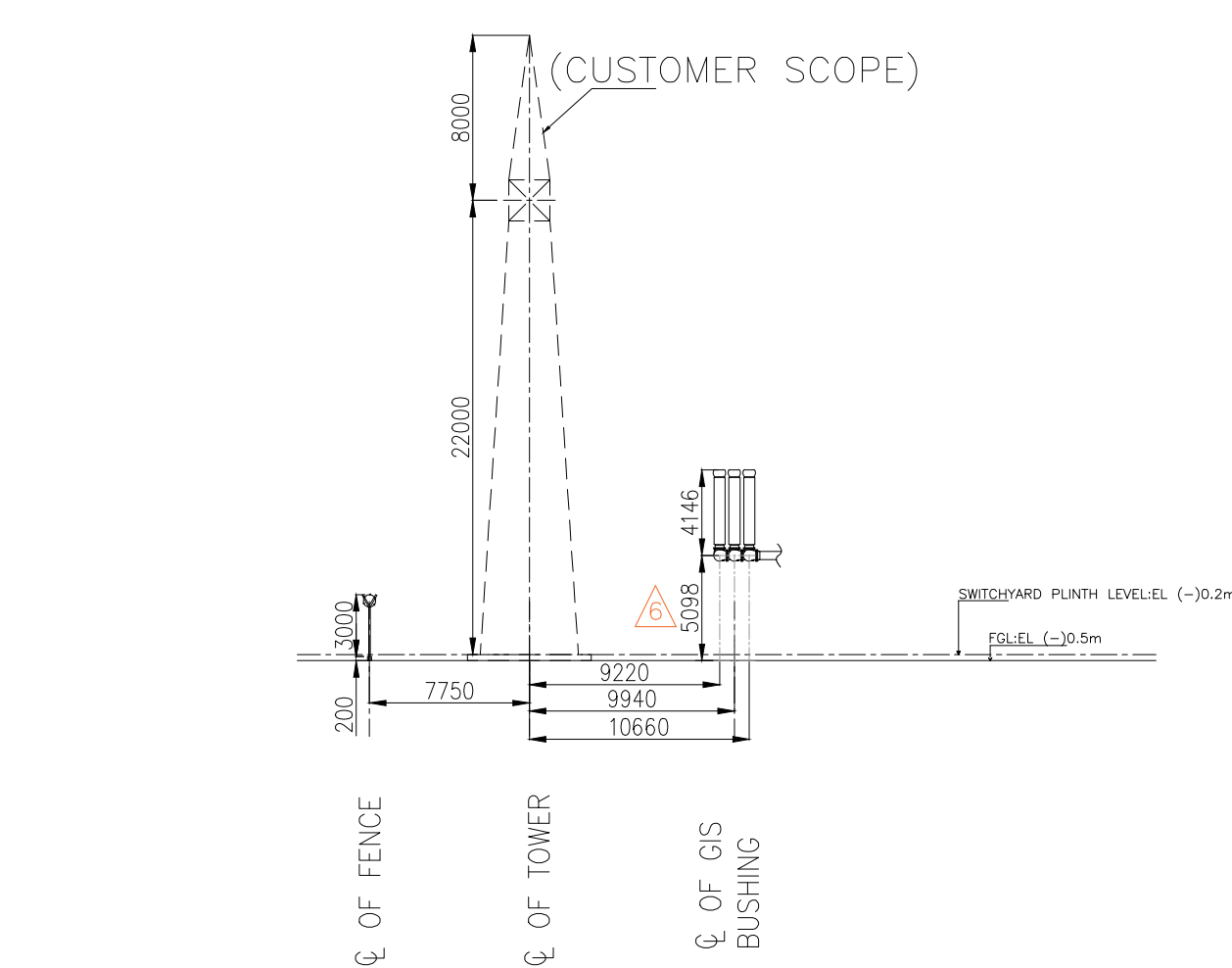


SECTION: B-B: (REACTOR-2 BAY)

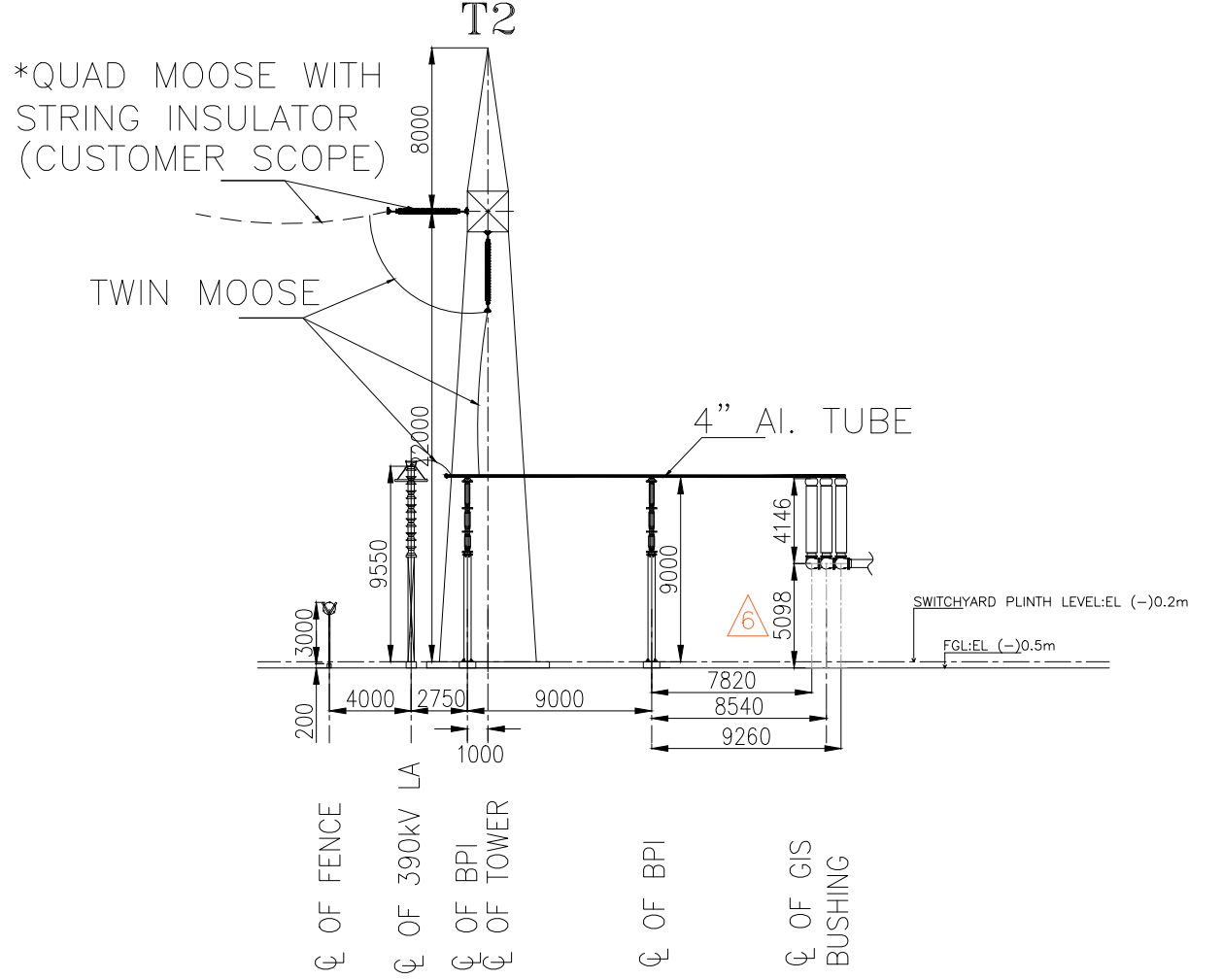
SECTION: B1-B1: (REACTOR-1 BAY)



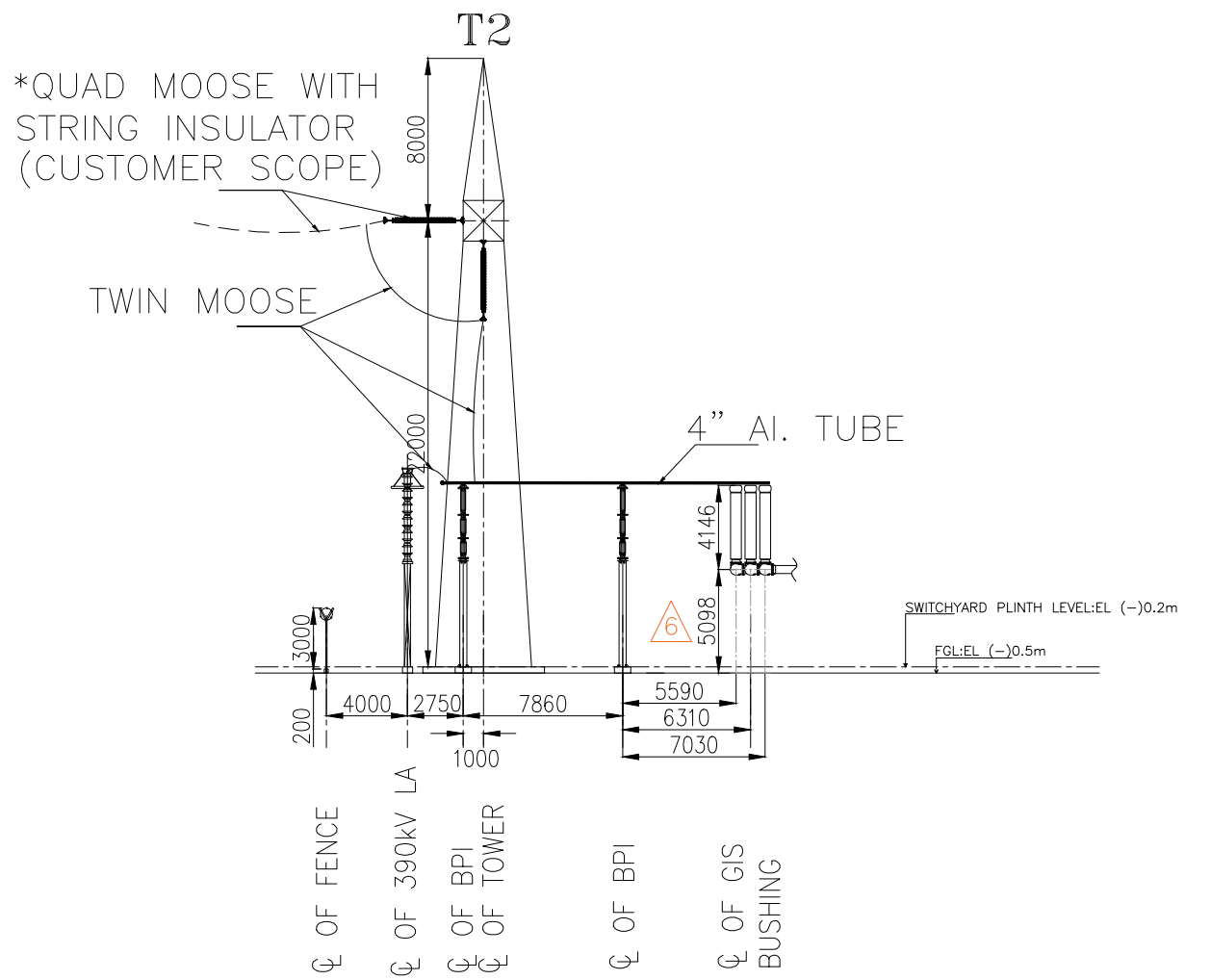
SECTION: C-C: (ST BAY)



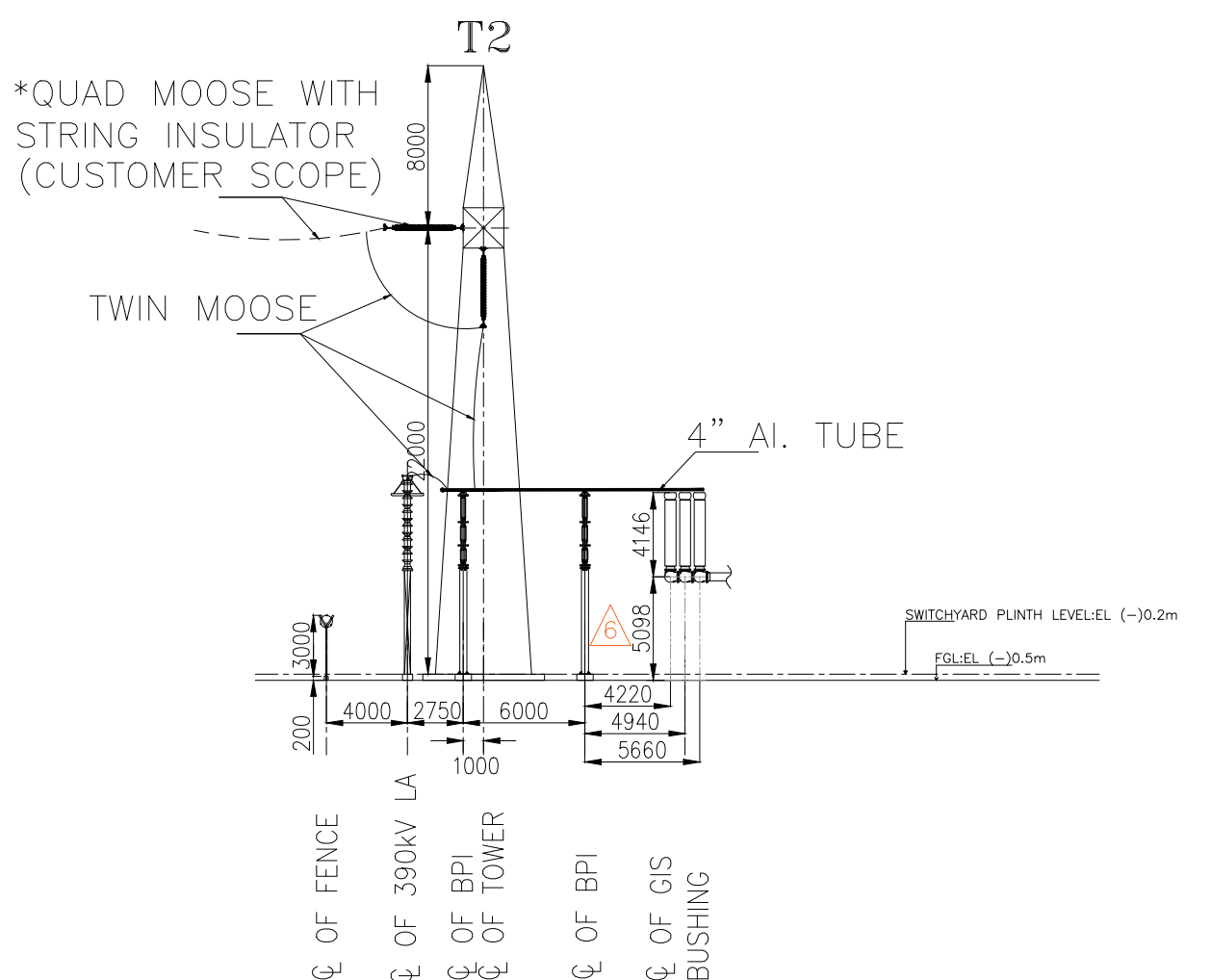
Section: J-J (SPARE EQUIPED BAY)



Section: D-D(OTTAPIDARAM LINE 02)



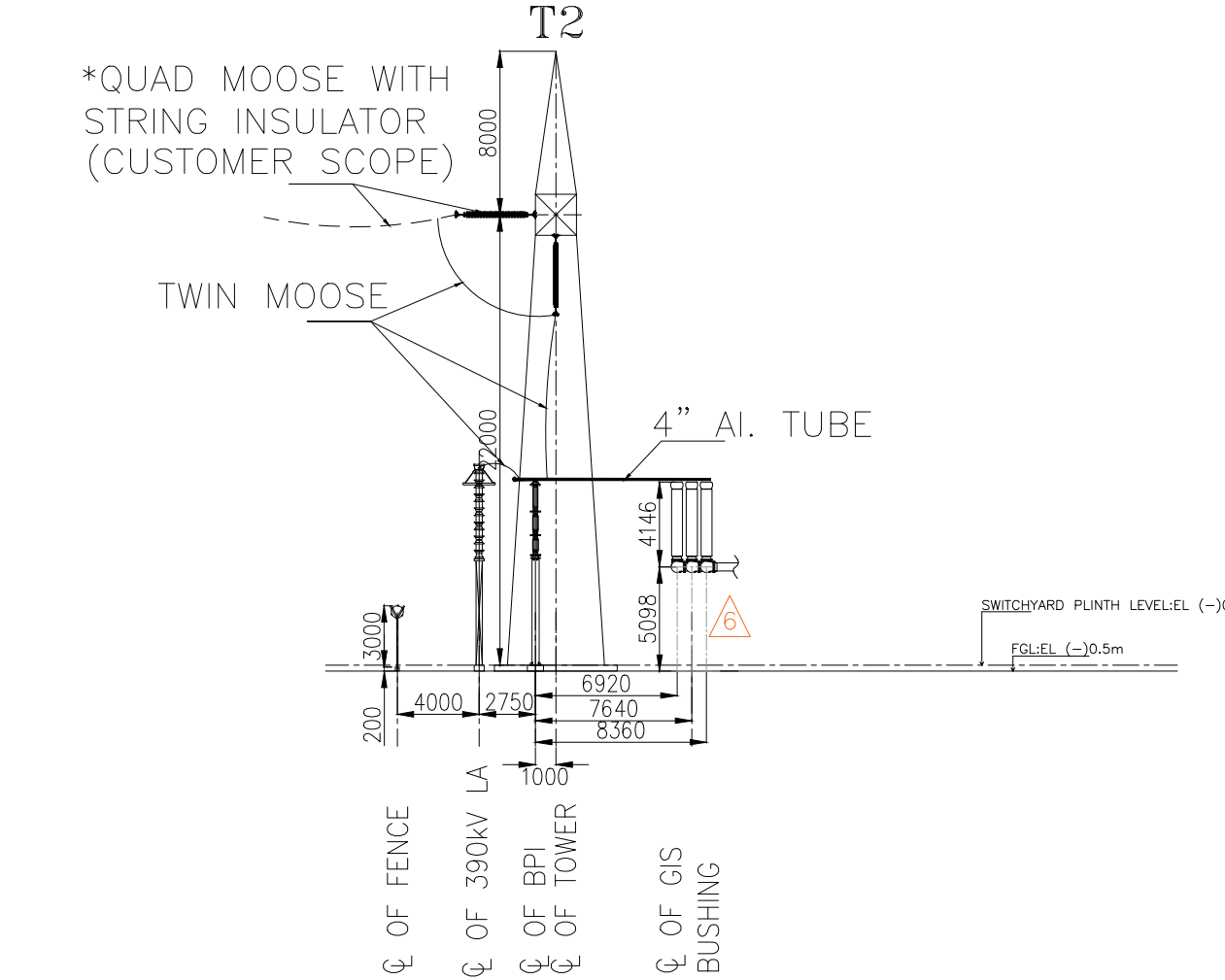
Section: E-E (OTTAPIDARAM LINE 01)



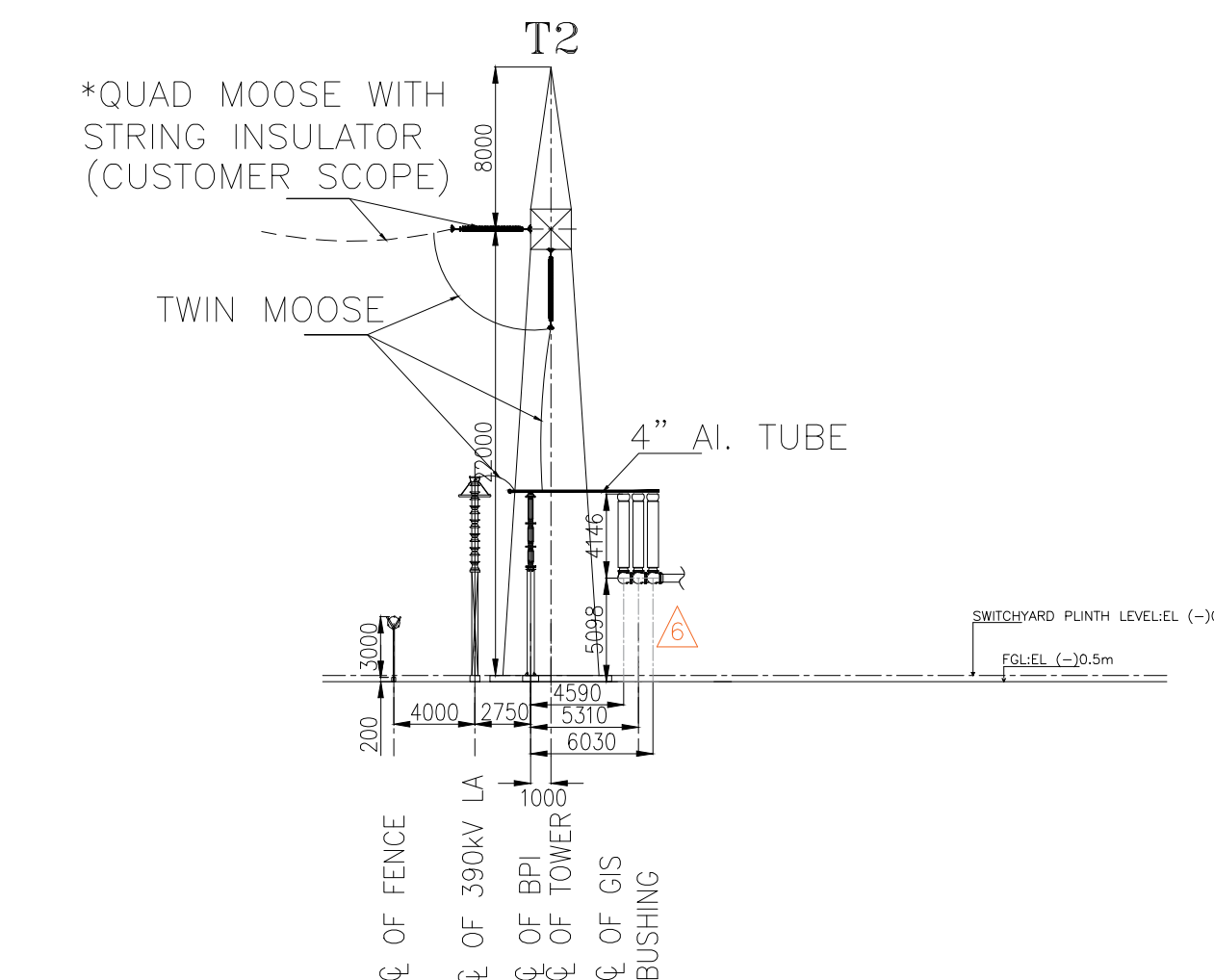
Section: F-F (SAMUGARENAGAPURAM LINE 02)



Section: I-I (VIRUDUNAGAR LINE 01)

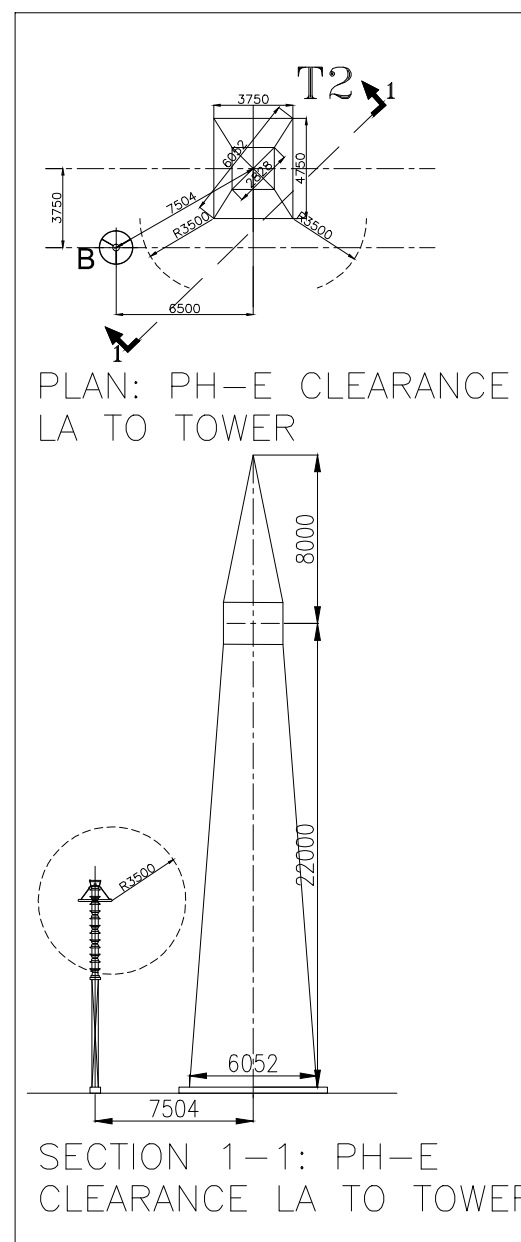
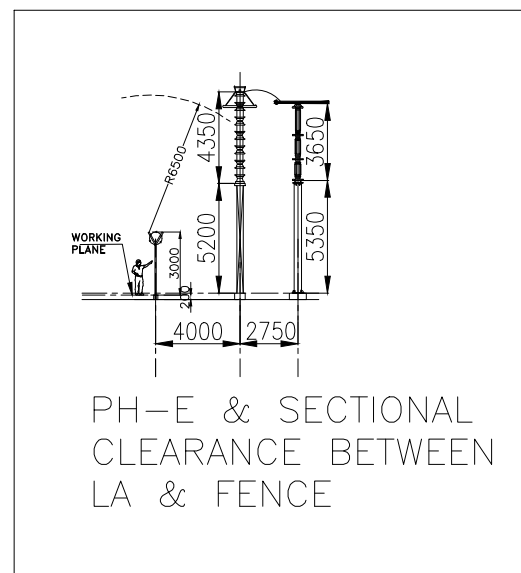
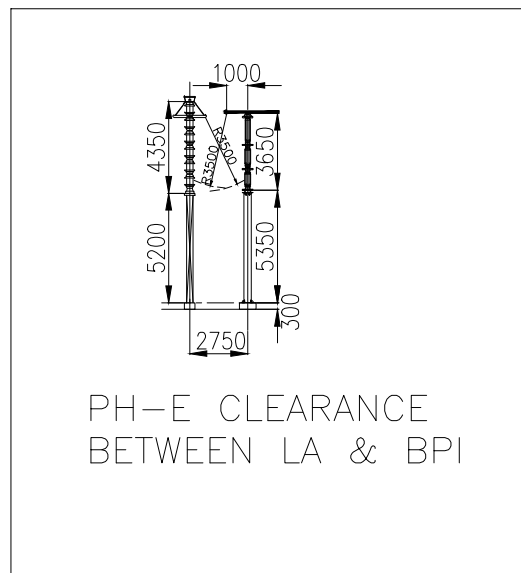


Section: G-G (SAMUGARENAGAPURAM LINE 01)



Section: H-H (VIRUDUNAGAR LINE 02)

CLEARANCE DIAGRAM



SECTION: 1-1: PH-E CLEARANCE LA TO TOWER

REV. 06	DATE 16.04.20	ALTD SS	CHD SKS	APPD AG	REV. 05	DATE 03.03.20	ALTD SS	CHD SKS	APPD AG	REV. 04	DATE 30.12.19	ALTD SS	CHD SKS	APPD AG	REV. 03	DATE 16.11.19	ALTD SS	CHD SKS	APPD AG	REV. 02	DATE 08.07.19	ALTD SS	CHD SKS	APPD AG	REV. 01	DATE 21.06.19	ALTD SS	CHD SKS	APPD AG
Revised as per comments vide TCE:114034-EL-VDT-407 dated 12.03.2020 & clarification vide TB-0-400-316-002-CRS-Rev 05					Revised as per comments vide TCE:114034-EL-VDT-349 dated 02.01.2020 & clarification vide TB-0-400-316-002-CRS-Rev 04					Revised as per comments vide TCE:114034-EL-VDT-328 dated 22.11.2019					Revised as per comments vide TCE:114034-EL-VDT-226 dated 28-08-2019					Revised as per comments vide TCE:114034-EL-VDT-125 dated 02-07-2019					Revised as per comments on Rev 00				

BHARAT HEAVY ELECTRICALS LIMITED it must not be used directly or indirectly in any way detrimental to the interest of the company.				E	CHD	SKS	AG	31.12.18
				APPD	AG	AG	AG	31.12.18

TITLE		GIS AND POTHEAD YARD PLAN & SECTION LAYOUT	
		DEPT.	SCALE 1:300
		SIGN	DRAWING NO.
			TB-0-400-316-002
			SHEET 02 OF 02
			REV. 06