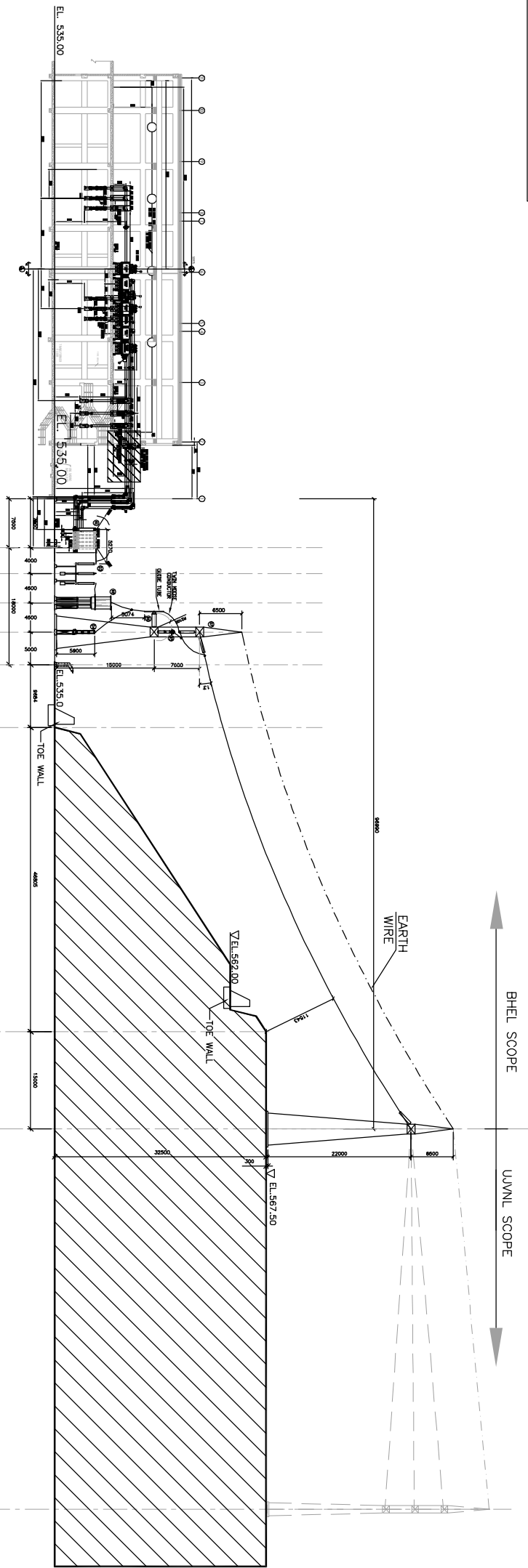










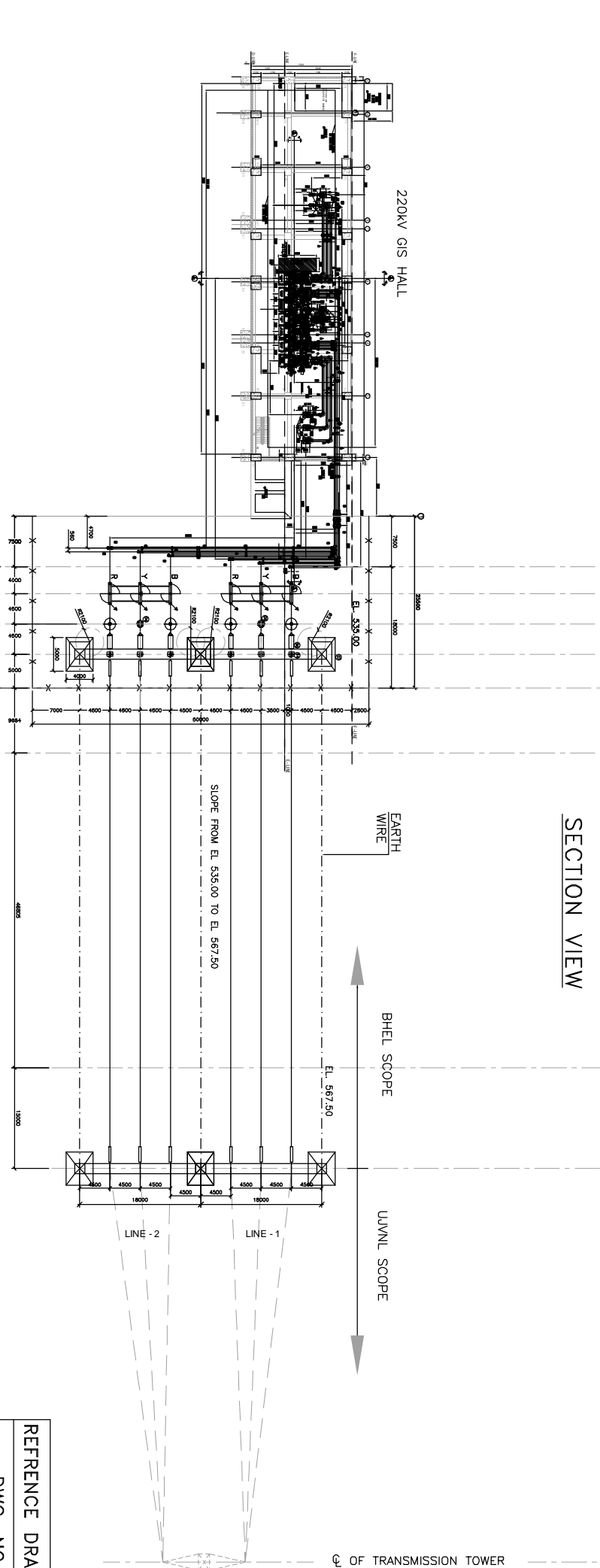
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it must not be used directly or indirectly in anyway detrimental to the interest of the company.



S.NO.	DESCRIPTION	UNIT
1.	PHASE TO PHASE	m
2.	PHASE TO EARTH	m
3.	MIN. DISTANCE OF THE LOWEST EARTH PART OF INSULATOR SUPPORTING LIVE CONDUCTORS FROM GND	m
4.	SECTION CLEARANCE	m
5.	HEIGHT OF CENTER LINE OF FIRST LEVEL	m
6.	PLINTH HEIGHT	m
7.	SUB CONDUCTOR SPACING	m


SYSTEM PARAMETERS INCLUDING ALTITUDE CORRECTION FACTOR	220kV
LIGHTNING IMPULSE WITHSTAND VOLTAGE (kVp)	1050
P.F. WITHSTAND VOLTAGE (kVrms)	450
HIGHER SYSTEM VOLTAGE (kV)	245
CREEPAGE DISTANCE (mm/kV)	25
SHORT CIRCUIT CAPABILITY (KA FOR 1SEC)	50

BILL OF QUANTITY:-			
S.NO.	LEGEND	DESCRIPTION	QTY.
01.		220 kV SF6 TO AIR BUSHING	06
02.		220 kV, 1-PH WAVE TRAP.	04
03.		220 kV, 3-PH HDB ISOLATOR WITH E/SWITCH	02
04.		220 kV, 1-PH CVT	06
05.		198 kV, 1-PH LA	06
06.		220 kV BUS POST INSULATORS.	02
07.		TOWER WITH PEAK	06
08.		STRING INSULATOR	18

[illegible]

## PLAN VIEW

[illegible]

REFERENCE DRAWING																					
DWG. NO.				TITLE																	
12057-H-20911-A18.REV D				POWER HOUSE GIS TRANSFORMER HALL GA-PLAN																	
12057-H-20911-A20.REV D				POWER HOUSE GIS TRANSFORMER HALL GA-L SECTION																	
				EXC PLAN AT EL. 535M																	
				SECTION THROUGH C-LINE - AS ON 5TH JAN 2016																	
ADDITIONAL INFORMATION				PROJECT		220KV GIS for 2x60 MW VYASI HEP															
STATUS OF DRAWING				CUSTOMER		UJVNL LTD.															
DISTRIBUTION OF PRINTS																					
DEN	NAME	SIGN	DATE	NO. OF	<div>भारत भारती</div> <div>BHEL</div> <div>BHARAT HEAVY ELECTRICALS LTD.</div> <div>TRANSMISSION BUSINESS GROUP</div>																
GV				VOL																	
CM																					
APRD	V/K																				
SUB-SUPPLIER/VENDOR				ISSUED BY		UNTOLO.DIMS. GR.		ANGLE		SCALE		WEIGHT (KG)		REF. TO ASSY. DRWG.		ITEM NO.		NO. OF			
				DEPT		CODE 316				NTS											
				TITLE																	
				OVERALL LAYOUT (PLAN & SECTION) FOR 220KV POTHEAD YARD																	
				DRAWING NO. TB-1-398-316-002																	
				SHEET NO.		01		NO. OF SHEET		01								REV.		02	