

S. NO	DESCRIPTION	SIZE (M x M)
1	GTG SHED	32 X 14
2	STG SHED	32 X 16
3	HRSO AREA	-
4	DESECTOR AREA	22 X 6
5	HP BFP	4.92 X 1.95
6	LP BFP	3.66 X 1.3
7	CW, ACW PUMPS AREA	25 X 10
8	COOLING TOWER AREA	48 X 16
9	ST GENERATOR TRANSFORMER	13 X 11.9
10	GT GENERATOR TRANSFORMER	13 X 11.9
11	D/W WATER TANK AREA	14 X 14
12	FUEL CELLAR / SWITCH GEAR/CONTROL ROOM	60 X 10W X 15(H)
13	CABLE GAS CONDITIONING AREA	15 X 18
14	NEW GEN. TRANSFORMER FOR EXISTING GTG-3	13 X 11.45
15	CW MAKE-UP STORAGE TANK	19 X 14
16	H/W WORKSHOP	18 X 10
17	COOLING WATER TREATMENT SYSTEM	13.5 X 12
18	D/S ROOM	12.7 X 7.5
19	SAT	13 X 11.9
20	SIDE STREAM FILTERS AREA	8 X 6.5
21A	HRSO BLOW DOWN PIT	2 X 2 X 1.5(DEPTH)
21B	STG, GTG OIL MIST, FLOOR WASH COLLECTION PIT	2 X 2 X 3 (DEPTH)
22A	TRANSFORMER OIL PIT FOR GTG 1, 2, 3, 4, 5, 6	5 X 5 X 3.5(DEPTH)
22B	TRANSFORMER OIL PIT FOR GTG 3, 4, 5, 6	5 X 5 X 3.5(DEPTH)
22C	TRANSFORMER OIL PIT FOR GTG 3, 4, 5, 6	5 X 5 X 3.5(DEPTH)
23	GAS INSULATED SUBSTATION (GIS) - INDOOR	30 X 18
24	SSF BACK WASH PIT /GT DRAIN PIT	5 X 5 X 3(DEPTH)
25	NEW MB UNIT FOR CCGP	17 X 12
26	ATMOSPHERIC FLUSH TANK	1.5 (Dia) X 3.6 (H)

S.NO	ITEM DESCRIPTION	QTY	REMARKS	PIT IDENTIFICATION TAGS
1	MAIN EARTHING CONDUCTOR**			
a)	2x75x10MM GI STRIPS CONDUCTOR	1625M	IE-325MM OF 75x10 GI STRIP CONDUCTOR	
b)	2x75x10MM GI STRIPS CONDUCTOR FOR RISERS	200M		
2	CONDUCTOR PIT DETAILS			
a)	40MM DIA, 3000MM LONG GI ROD ELECTRODE IN TREATED EARTH (CALCULATION) FOR NEUTRAL EARTHING	32	2nos GTG, 2nos STG, 2nos GTG TRAFU, 2no STG TRAFU, 2nos LGT TRAFU, 2nos LGT, 2nos DG	TPE1-TPE32
b)	40MM DIA, 3000MM LONG GI ROD ELECTRODE IN TREATED EARTH (CALCULATION) FOR NEUTRAL EARTHING		2nos GT, 2nos S1, 2nos	
c)	40MM DIA, 3000MM LONG GI ROD ELECTRODE IN EARTH PIT FOR MACHINE BODY EARTHING	12	DIESEL ENGINE, 2nos STG, 2nos LGT & 2nos PIT DG	E01-E12
d)	40MM DIA, 3000MM LONG GI ROD ELECTRODE TREATED EARTH PIT (LIGHTNING PROTECTION)	22	PROTECTION FIZING LIGHTNING (CALCULATION)	TPE1-TPE20
e)	40MM DIA, 3000MM LONG Cu ROD ELECTRODE TREATED EARTH PIT (ELECTRONIC EQUIPMENT)	20		TPE1-TPEE20

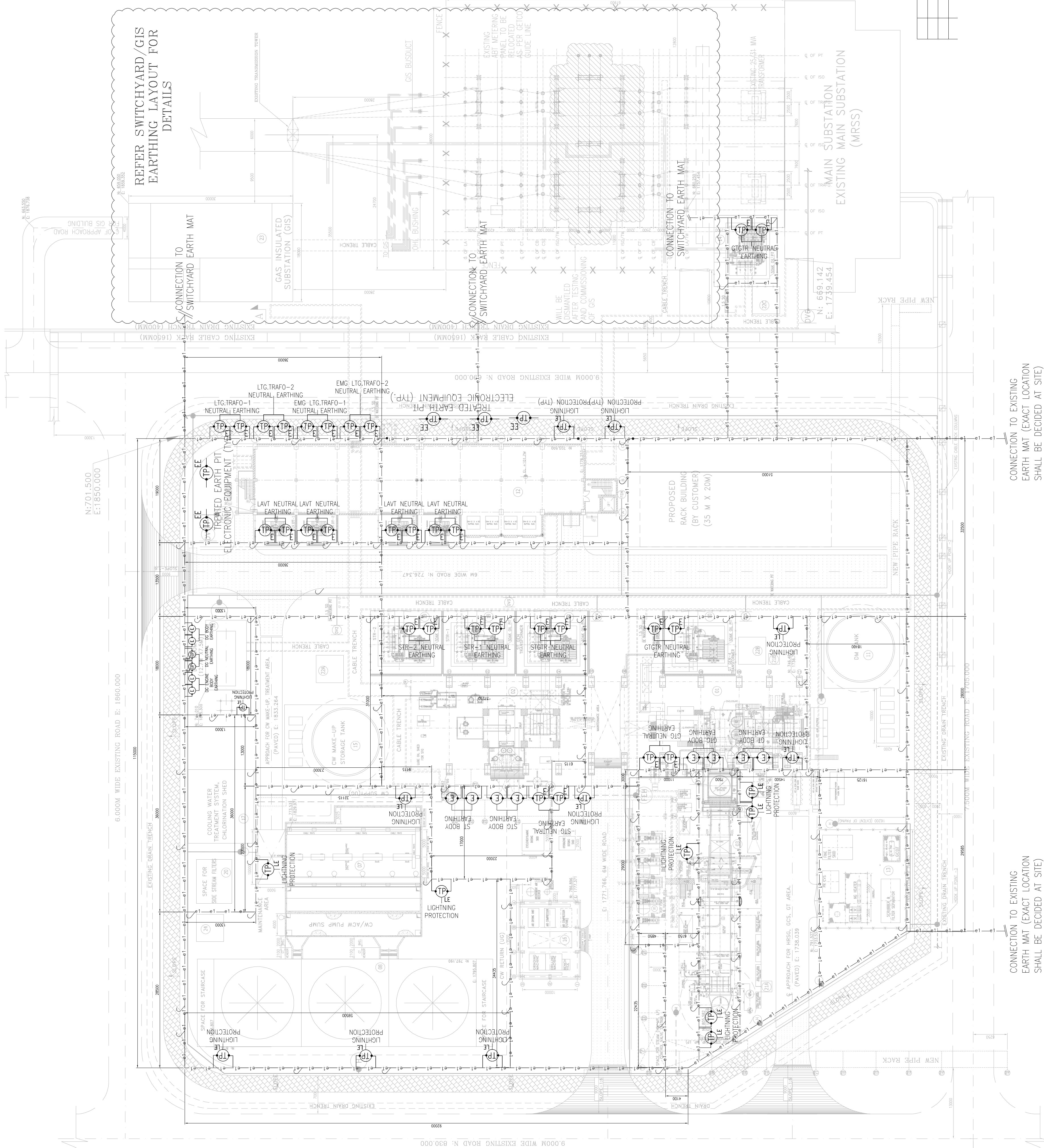
* TOTAL BURIED CONDUCTOR IS 1823METER INCLUDES 1625METER 2no75X10mm PLUS 198METER 40MM GI ROD.

LEGEND:-

- 2x75x10MM GI STRIPS
- CONDUCTOR
- DIGITAL RISERS (75x10MM GI STRIP)
- 40MM DIA. 3000MM LONG GI ROD. ELECTRODE IN TREATED EARTH PIT (ELECTRICAL FOR NEUTRAL FATHING / TEST PIT).
- 40MM DIA. 3000MM LONG GI ROD. ELECTRODE IN GROUND FOR MACHINE BODY EARTHING.
- 40MM DIA. 3000MM LONG GI ROD. ELECTRODE IN TREATED EARTH PIT (LIGHTNING PROTECTION).
- 40MM DIA. 3000MM LONG Cu ROD. ELECTRODE IN TREATED EARTH PIT (ELECTRONIC EQUIPMENT).

NOTES:

- [illegible]



CONNECTION TO EXISTING
EARTH MAT (EXACT LOCATION
SHALL BE DECIDED AT SITE)

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