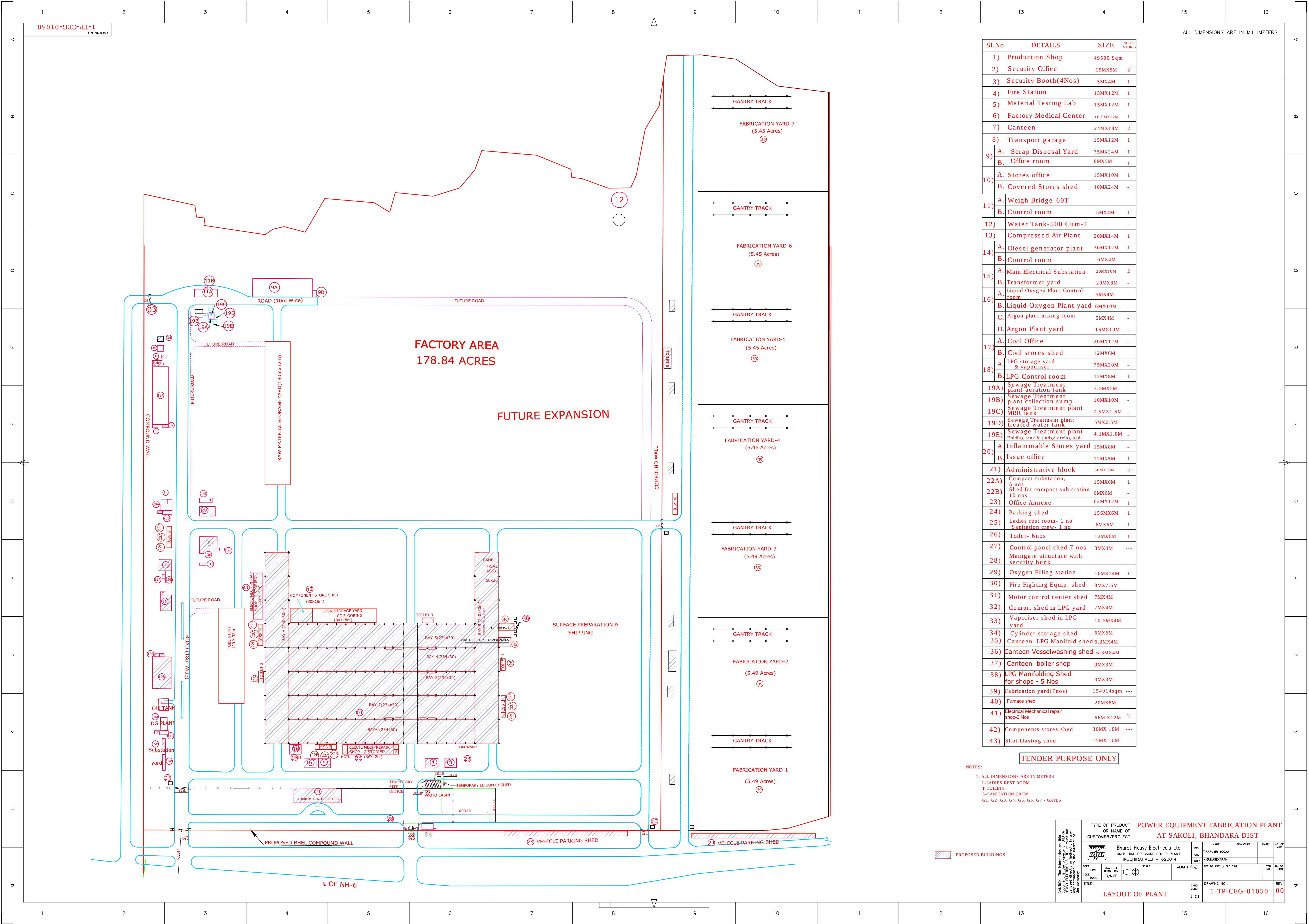




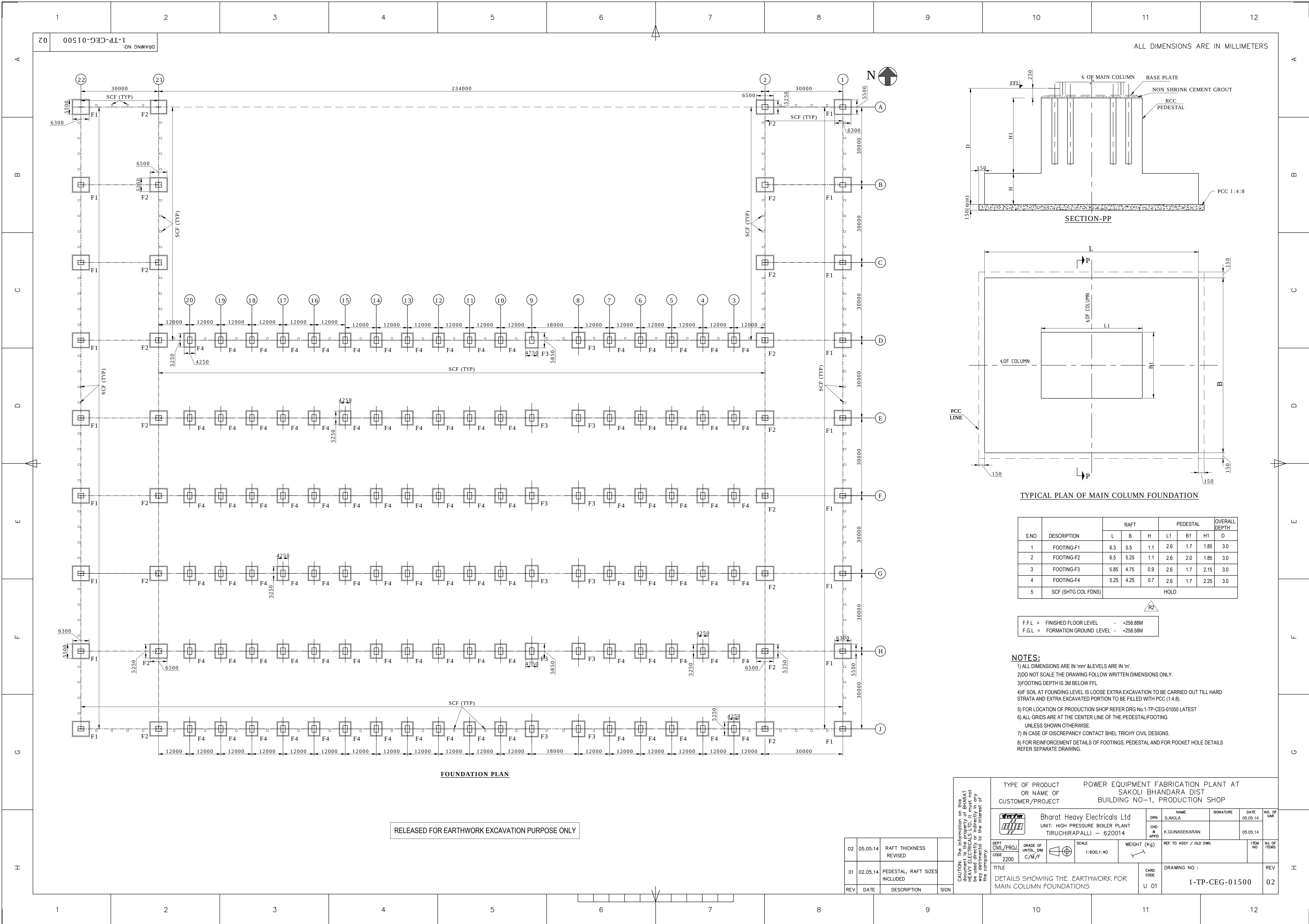
Sl.No	DETAILS	SIZE	NO OF STORES
1)	Production Shop	49500 Sqm	
2)	Security Office	15MX5M	2
3)	Security Booth(4Nos)	5MX4M	1
4)	Fire Station	15MX12M	1
5)	Material Testing Lab	15MX12M	1
6)	Factory Medical Center	16.5MX12M	1
7)	Canteen	24MX18M	2
8)	Transport garage	15MX12M	1
9)	A. Scrap Disposal Yard	75MX24M	1
	B. Office room	8MX5M	1
10)	A. Stores office	15MX10M	1
	B. Covered Stores shed	40MX24M	-
11)	A. Weigh Bridge-60T	-	
	B. Control room	5MX4M	1
12)	Water Tank-500 Cum-1	-	-
13)	Compressed Air Plant	20MX14M	1
14)	A. Diesel generator plant	30MX12M	1
	B. Control room	6MX4M	
15)	A. Main Electrical Substation	20MX10M	2
	B. Transformer yard	20MX8M	-
16)	A. Liquid Oxygen Plant Control room	5MX4M	-
	B. Liquid Oxygen Plant yard	6MX10M	-
	C. Argon plant mixing room	5MX4M	-
	D. Argon Plant yard	16MX10M	-
17)	A. Civil Office	20MX12M	-
	B. Civil stores shed	12MX6M	
18)	A. LPG storage yard & vapouriser	75MX20M	-
	B. LPG Control room	12MX8M	1
19A)	Sewage Treatment plant aeration tank	7.5MX5M	-
19B)	Sewage Treatment plant collection sump	10MX10M	-
19C)	Sewage Treatment plant MBR tank	7.5MX1.5M	-
19D)	Sewage Treatment plant treated water tank	5MX2.5M	-
19E)	Sewage Treatment plant Holding tank & sludge drying bed	4.1MX1.8M	-
20)	A. Inflammable Stores yard	15MX8M	-
	B. Issue office	12MX5M	1
21)	Administrative block	60MX18M	2
22A)	Compact substation, 5 nos	15MX6M	1
22B)	Shed for compact sub station 10 nos	6MX6M	-
23)	Office Annexe	62MX12M	1
24)	Parking shed	156MX6M	1
25)	Ladies rest room- 1 no	6MX6M	1
26)	Toilet- 6nos	12MX6M	1
27)	Control panel shed 7 nos	3MX4M	---
28)	Maingate structure with security bunk		
29)	Oxygen Filling station	16MX14M	1
30)	Fire Fighting Equip. shed	8MX7.5M	
31)	Motor control center shed	7MX4M	
32)	Compr. shed in LPG yard	7MX4M	
33)	Vaporiser shed in LPG yard	10.5MX4M	
34)	Cylinder storage shed	6MX6M	
35)	Canteen LPG Manifold shed	6.3MX4M	
36)	Canteen Vesselwashing shed	6.3MX4M	
37)	Canteen boiler shop	9MX3M	
38)	LPG Manifolding Shed for shops - 5 Nos	3MX3M	
39)	Fabrication yard(7nos)	154914sqm	---
40)	Furnace shed	20MX8M	
41)	Electrical Mechanical repair shop-2 Nos	66M X12M	2
42)	Components stores shed	30MX 18M	---
43)	Shot blasting shed	15MX 10M	---

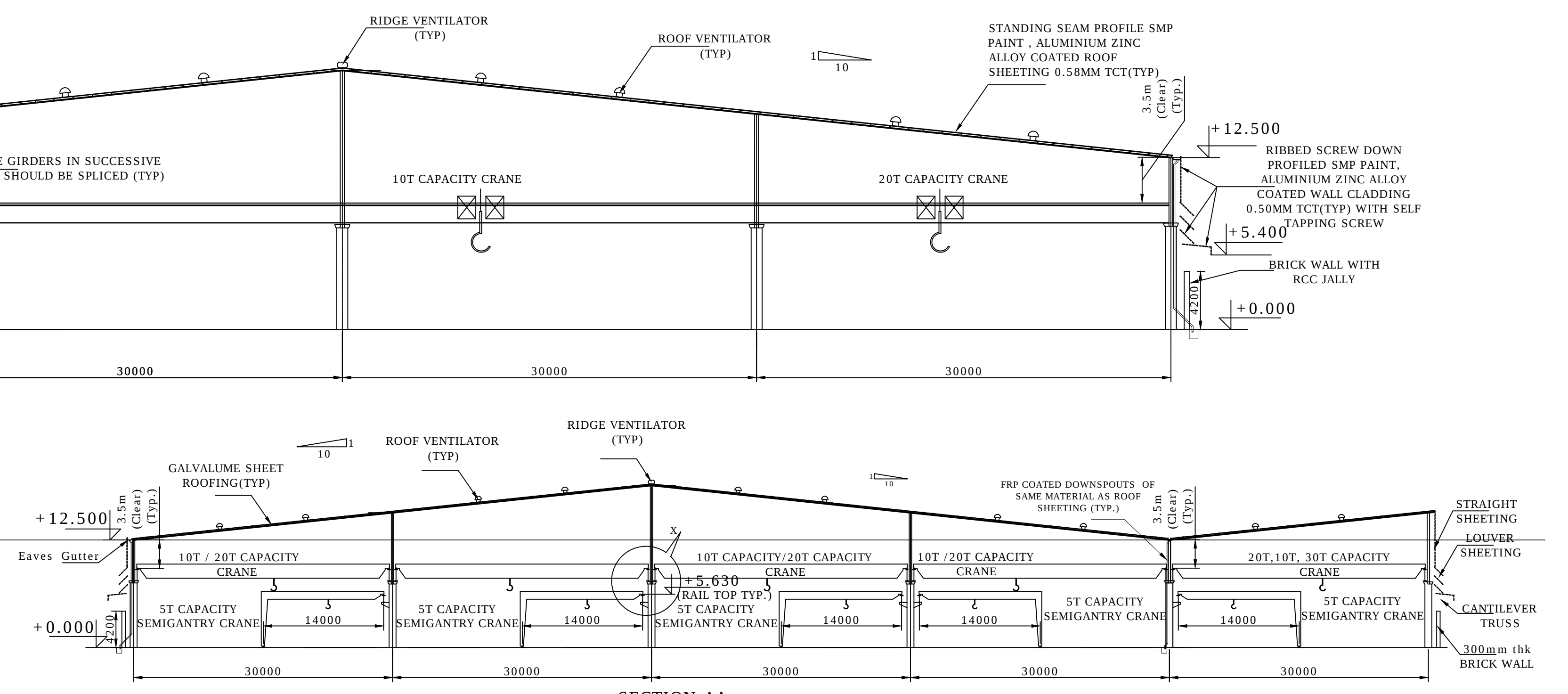
TENDER PURPOSE ONLY

- NOTES:
1. ALL DIMENSIONS ARE IN METERS
 - L-LADIES REST ROOM
 - T-TOILETS
 - S-SANITATION CREW
 - G1, G2, G3, G4, G5, G6, G7 - GATES

PROPOSED BUILDINGS

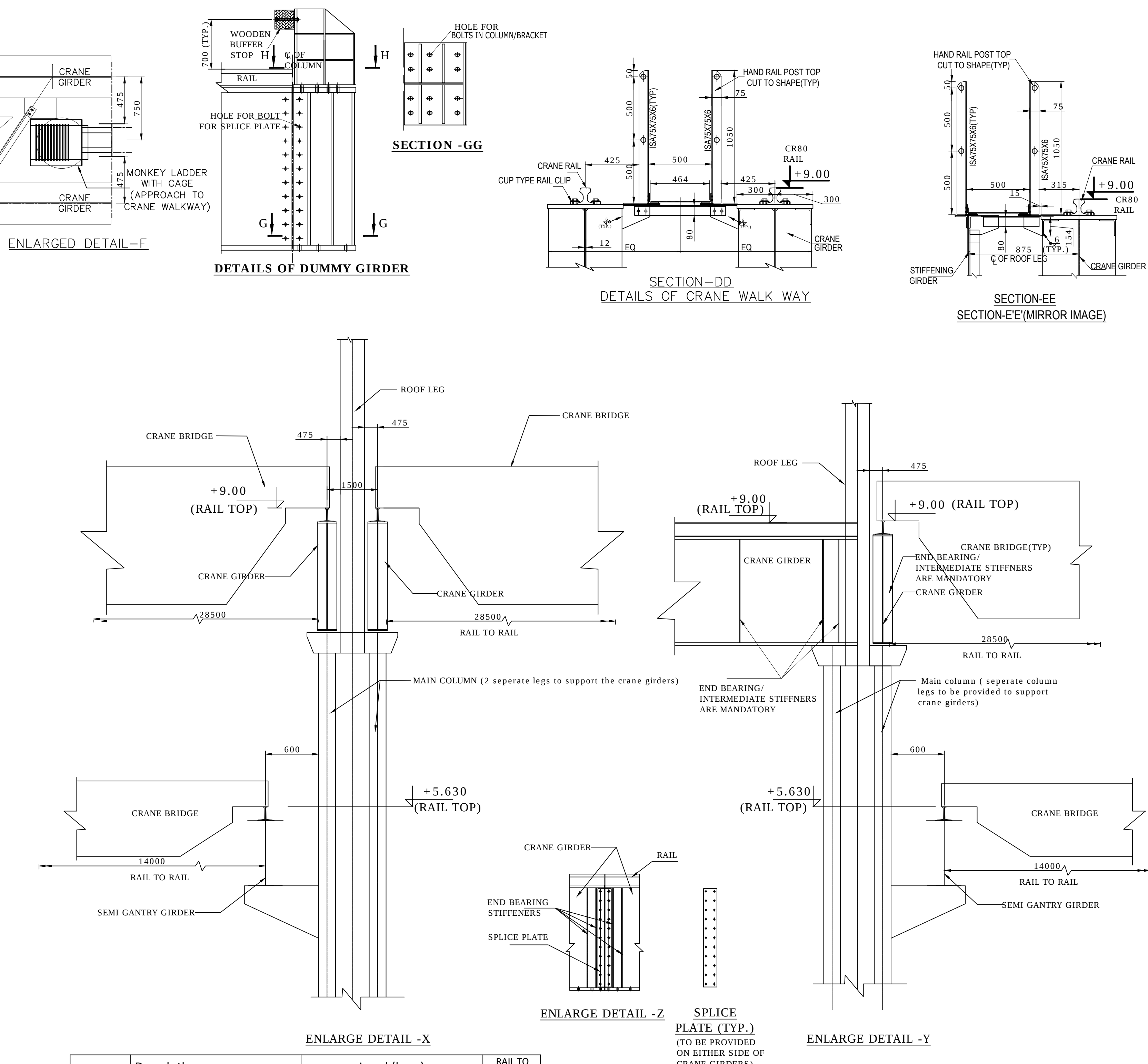
CAUTION: The information on this drawing is the property of Bharat Heavy Electricals Ltd. and is to be used only for the purpose for which it is issued. It is not to be used for any other purpose without the written consent of the company.	TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		POWER EQUIPMENT FABRICATION PLANT AT SAKOLI, BHANDARA DIST			
	Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014		DRN	NAME	SIGNATURE	DATE
	CHD		CHD	T. KANUTHY YOGAN		
	APD		APD	K. GUNASEKARAN		
	CODE		CODE	2200		
TITLE		LAYOUT OF PLANT		CARD CODE		U 01
				DRAWING NO : 1-TP-CEG-01050		REV 00





SECTION-CC

SECTION-AA



DETAILS OF DUMMY GIRDER

SECTION-DD
DETAILS OF CRANE WALK WAY

SECTION-E'E'(MIRROR IMAGE)

ENLARGE DETAIL -X

ENLARGE DETAIL -Y

S No	Description	Level (in m)			RAIL TO BE USED
		Bay A	Bay 1 to 5	Bay B	-
1	Eaves Level of Portal	12.50	12.50	12.50	-
2	Crane Rail Top Level	9.00	9.00	9.00	ISCR80
3	Semigantry Crane rail Top Level	-	5.630	-	R45

NOTES:-

- 1) ALL DIMENSIONS ARE IN "MM" & LEVELS ARE IN "M"
- 2) DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY
- 3) AT LEAST 5 % OF ROOF AREA IS TO BE COVERED USING POLYCARBONATE ROOF SHEETING FOR LIGHTING PURPOSE.
- 4) TWO CUT OUT OPENINGS TO BE PROVIDED WHEREVER CHIMNEY IS TO BE PLACED
- 5) NECESSARY LIFELINE ARRANGEMENT TO BE PROVIDED ON ROOF TOP FOR ITS MAINTENANCE.
- 6) SOLDIERS/SHEETING COLUMNS CAN BE PROVIDED AT
- 6M SPACING WHERE MAIN COLUMNS ARE SPACED AT 12M
- 7.5M SPACING WHERE MAIN COLUMNS ARE SPACED AT 30M
- 7) UTILITY LOAD OF 500 KG PER RUNNING METRE ON ALL STEEL COLUMNS AT 2.4M ABOVE CRANE BEAM LEVEL WITH AN ECCENTRICITY OF 750MM MAY BE CONSIDERED.

LEGEND:-

- O1- OPENING -6000MM X 6000MM - 8 nos
- O2- OPENING 2100MM x 1200MM
1. Turboventilators (900mm dia) - 160 Nos. (Total)
2. Ridge ventilators (900mm throat) - Full length of the building ridge
3. 6mm Thick MS valley gutters with 3 mm thick FRP coating
4. Approach ladder to roof top- 4 Nos

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	POWER EQUIPMENT FABRICATION PLANT AT SAKOLI, BHANDARA DIST. BLDG NO-01
---	--

 Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT	NAME	SIGNATURE	DATE
	CHMD & CHD	T. Arunir Yogoo	

TIRUCHIRAPALLI - 620014	APPD	K.Gunasekaran
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PROJ.	GRADE OF UNTOOL DIM	SCALE	WEIGHT (Kg)	REF TO ASSY / OLD DWG
		1:10 1:30 1:50 1:20		Nil

2200	C/M/F		1:500 1:400 1:250		
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E GENERAL ARRANGEMENT OF PRODUCTION SHOP	CARD CODE U 01	DRAWING NO : 0-TP-CEG-01508
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G-01508