

Zimbra

shalendra.kumar.yadav@bhel.in

Fwd: combined FOPH- Yadadri TPS

From : VISWANATH AKELLA- HPVP <viswanath@bhel.in> Mon, Apr 20, 2020 08:51 AM
Subject : Fwd: combined FOPH- Yadadri TPS
To : Shalendra Kumar Yadav(Dy Manager/MAX/PS-PEM) <shalendra.kumar.yadav@bhel.in>
Cc : S Vijay(Manager/HPVP_HTENGG/HPVP) <svijay@bhel.in>, MADHUSUDAN A / HPVP <amadhu@bhel.in>, Sayan Roy(Manager/MAX/PS-PEM) <sayanroy@bhel.in>, M Noorul Fazil(Dy Manager/PE(FB) PP/HPBP) <fazil@bhel.in>

Dear Sir,

Pl refer trailing mail reg the confirmation given by our Fuel System group.

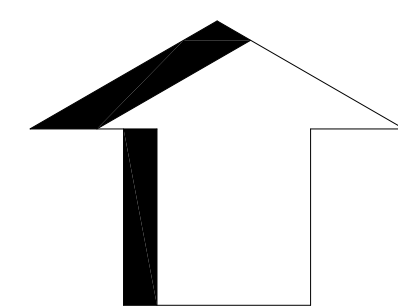
Regards,
Viswanath Akella
Sr.Engineer/ Boiler Performance & Proposals
BHEL Visakhapatnam
☎09703626565 (M)
0891-6681514 (O)

From: "S Vijay(Manager/HPVP_HTENGG/HPVP)" <svijay@bhel.in>
To: "VISWANATH AKELLA HPVP" <viswanath@bhel.in>
Cc: "ANJAPALLY MADHUSUDAN HPVP" <amadhu@bhel.in>, "L RAJA SEKHAR HPVP" <lrjasekhar@bhel.in>, "B SATYESWARA RAO, HPVP" <raobs@bhel.in>, "sk biswas" <sk.biswas@bhel.in>, "S Sankara Rao(Sr Engineer/HPVP_CRYOENG/HPVP)" <sanakararao@bhel.in>, "Pavani Latha Gurajapu, Dy. Engineer/HPVP_HTENGG/HPVP" <gpl@bhel.in>, "C Srinivas Chary(Manager/HPVP_PMG/HPVP)" <cschary@bhel.in>, "S Vijay(Manager/HPVP_HTENGG/HPVP)" <svijay@bhel.in>, "Anubhav Das(Dy Manager/HPVP_PMG/HPVP)" <adas@bhel.in>, "Y Srinivasa Rao, Sr Manager/HPVP_CRYOENG/HPVP" <ysrao@bhel.in>
Sent: Monday, April 20, 2020 08:27:18 AM
Subject: Re: combined FOPH- Yadadri TPS

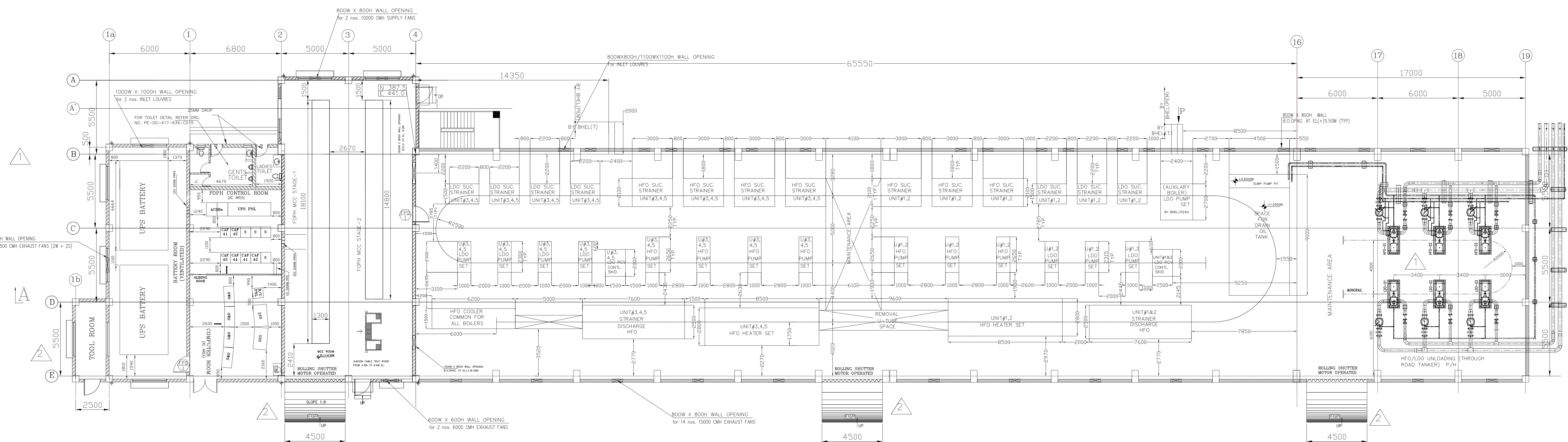
Sir

Referring to your below mail, the area indicated in PEM Drg. 0-00-056-11165 (i.e 2700x2400) is meeting our requirement.
Regards

S Vijay



NORTH



VIEW A-A

REF. DRGS.

1. PLOT PLAN
2. FOUNDATION & TP DETAILS- FOPPH & HEATER SET
3. PROCESS & INSTRUMENTATION DIAGRAM FOR FOHS
4. ELECTRICAL EQUIPMENT & CABLE TRAY LAYOUT IN FO (P & H) AREA (STAGE-I & II)
5. FUEL OIL PRESSURISING PUMP HOUSE-ARCHITECTURAL PLAN
6. FUEL OIL PUMP HOUSE- GA AND RC DETAILS OF GRADE SLAB

DRG NO

- PE-DG-417-100-M001
0-00-056-11165
PE-DG-417-166-A001
PE-DG-417-100-E020
PE-DG-417-634-C013
PE-DG-417-634-C022

NOTES

1. ALL DIMENSIONS ARE IN MM. AND ELEVATIONS IN METRES.
2. THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS EL. + 0.00M WHICH CORRESPONDS TO RL. 81.5M, i.e., 0.5M ABOVE FGL (RL81.0M) IN MAIN PLANT AREA.
3. EQUIPMENT DETAILS, PIPING, VALVES & INSTRUMENTS SHALL BE INCORPORATED AFTER FINALISATION OF FOHS SUPPLIER FOR HFO/LDO UNLOADING (THROUGH ROAD TANKER) PUMP HOUSE.

TABLE : VENTILATION FANS DETAILS

TYPE OF VENTILATION	CAPACITY	NO OF FANS
WALL MOUNTED SUPPLY FANS FOR THE MCC ROOM.	10000 CMH	2
WALL MOUNTED EXHAUST FANS (BIFURCATED TYPE) FOR THE PUMP HOUSE	15000 CMH	14
WALL MOUNTED EXHAUST FANS (BIFURCATED TYPE) FOR THE BATTERY ROOM	7500 CMH	4

CUSTOMER:	TELANGANA STATE POWER GENERATION CORPORATION LTD TELANGANA, INDIA 5 x 800 MW YADADRI TPS, NALGONDA
CONSULTANT:	TATA CONSULTING ENGINEERS LIMITED BANGALORE
DESIGNER:	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA

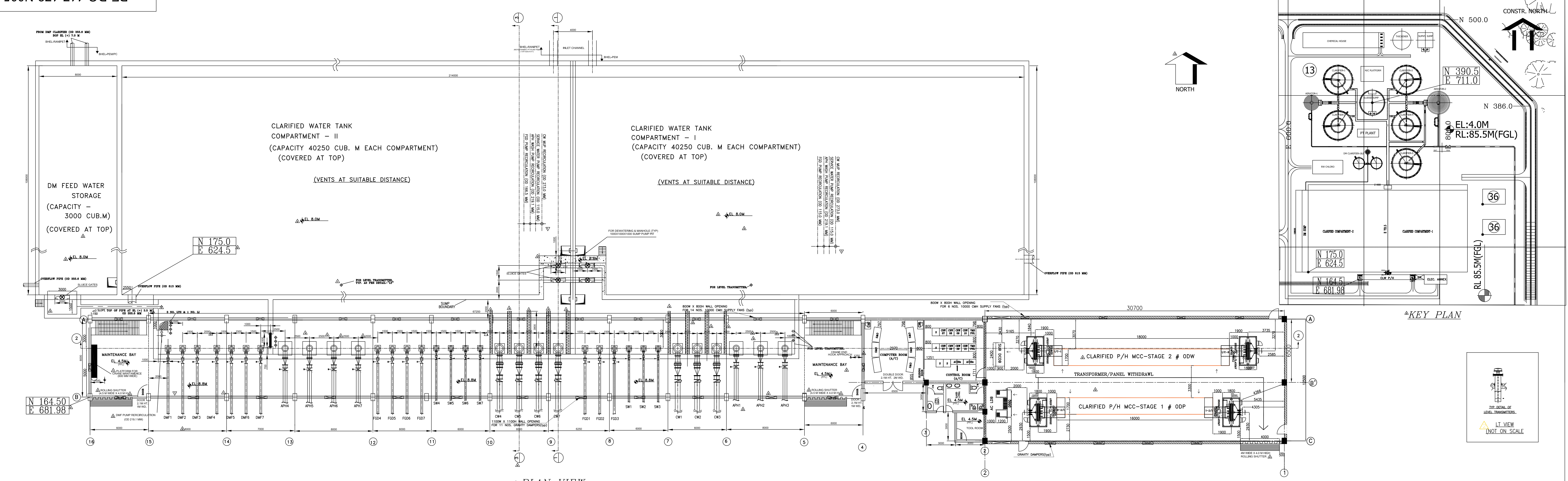
JOB NO.	417
STATUS	CONTRACT
DISTRIBUTION	

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REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD	DRN	YK	-SD-	29.11.17					
										DESN	SKY	-SD-	29.11.17					
										CHD	SR	-SD-	29.11.17					
										APPD	HK	-SD-	29.11.17					

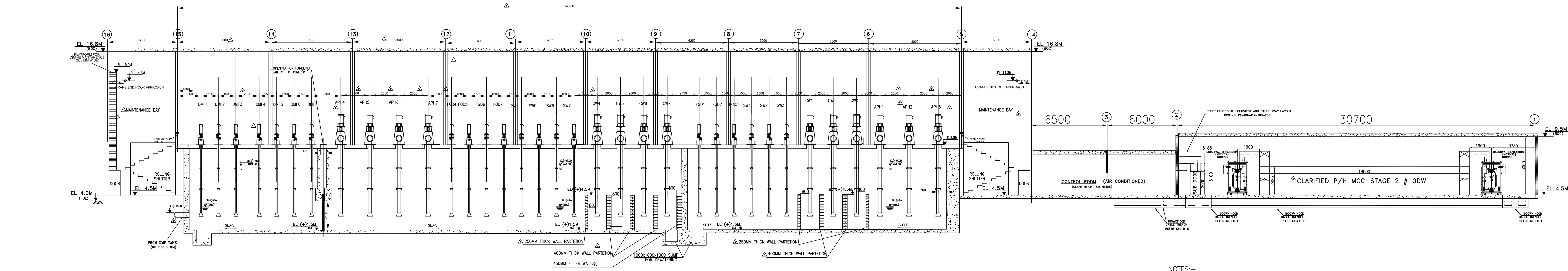
TITLE GA DRAWING FOR COMBINED FUEL OIL PUMP HOUSE
(UNLOADING THROUGH ROAD TANKER CUM PRESSURISING & HEATING P/H)

DRAWING NO. PE-DG-417-166-A003
SHEET 01 OF 01 REV. 03

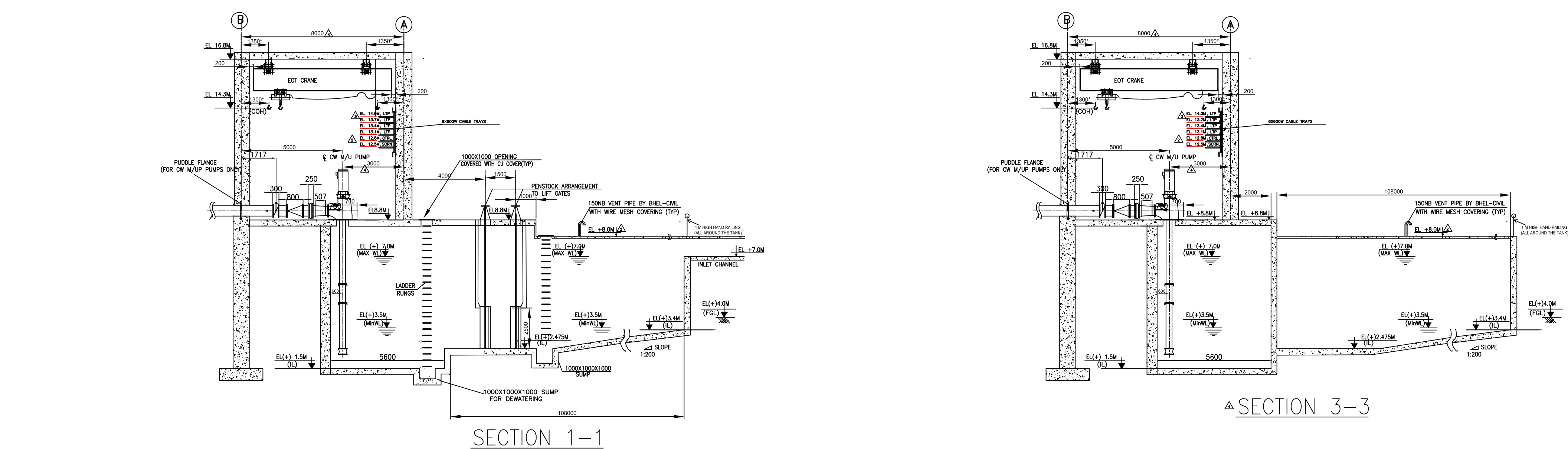




PLAN VIEW



SECTION 2-2



SECTION 1-1

SECTION 3-3

- NOTES:-
- ALL DIMENSIONS ARE IN MM AND ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - MS SLUICE GATE-DOUBLE SEALING TYPE (TOTAL 5 NOS.) & STOP LOG GATE - DOUBLE SEALING TYPE (01 NO.) FOR DM CLARIFIER SUMP TO BE FABRICATED & SUPPLIED BY BHEL-CIVIL CONTRACTOR.
 - 1 NO. UNDER SLUNG EOT. CRANE OF 5T CAP SHAL BE PROVIDED BY PEM-MAUX.
 - EL(+) 0.0 (FEL OF TG BUILDING) CORRESPONDS TO RL 81.5M. FGL OF CLARIFIED WATER PUMP HOUSE AREA SHALL BE EL(+) 4.0 M CORRESPONDS TO RL 85.5 M AS PER PLOT PLAN.
 - SLUICE GATE HEIGHT SHALL BE DESIGNED FOR SUMP OPENING HEIGHT VIZ. 2500MM.
 - 2 NOS. PORTABLE STOOL CUM LADDER SHALL BE PROVIDED FOR ACCESS TO TOP BEARING OF MOTOR.
 - OPENINGS INSERTS ETC. REQUIRED FOR C&I INSERTS, PIPE/VALVE SUPPORTS ETC. SHALL BE INDICATED AFTER FINALIZATION OF RESPECTIVE INSTRUMENTS PIPE LAYOUT ETC.
 - OVERFLOW PIPE OF 800 NB SHALL BE ROUTED BY MPL TO NEAREST DRAIN & SUPPLY OF PIPING SHALL BE BY PIPING CENTRE.
 - ACCESS TO ALL THE ROOFS FROM OUTSIDE SHALL BE PROVIDED .
 - FLOOR CUTOFF FOR RECIRCULATION PIPE SHALL BE SHOWN IN RESPECTIVE CIVIL DRAWING.
 - REFERENCE DOCUMENTS:
PLOT PLAN DOCUMENT NO. PE-DG-417-100-M001.
PLANT WATER SYSTEM P&ID, DOCUMENT NO. PE-DG-417-172-N001.
CRANE CLEARANCE DRAWING, DOCUMENT NO. PE-DG-417-524-A002.
MAUX PTP DRAWING, DOCUMENT NO. PE-V0-417-158-A070.
ELECTRICAL ANNEXE GA DRAWING, DOCUMENT NO. PE-DG-417-100-E051.
MPL PIPING DRAWING, DOCUMENT NO. PE-DG-417-100-M044.
CIVIL ARCHITECTURAL DRAWING, DOCUMENT NO PE-DG-417-635-C001 & C002.
12. TOOL ROOM FURNITURE AND ACCESSORIES ARE IN TSGENCO SCOPE.
13. CASSETTE AC SHALL BE PROVIDED FOR AIR CONDITIONING OF CONTROL ROOM.

- EQUIPMENT DETAILS:
- DM MAKE UP PUMPS
(i). NO OF PUMPS : 7 (5 WORKING + 2 STANDBY)
(ii). CAPACITY: 1850 CUB M/H
(iii). HEAD : 12 MWC
 - APH/ESP WASH PUMPS
(i). NO OF PUMPS : 7 (5 WORKING + 2 STANDBY)
(ii). CAPACITY: 950 CUB M/H
(iii). HEAD : 37 MWC
 - FGD MAKE UP PUMPS
(i). NO OF PUMPS : 7 (5 WORKING + 2 STANDBY)
(ii). CAPACITY: 180 CUB M/H
(iii). HEAD : 30 MWC
 - SERVICE WATER PUMPS
(i). NO OF PUMPS : 7 (5 WORKING + 2 STANDBY)
(ii). CAPACITY: 180 CUB M/H
(iii). HEAD : 65 MWC

TABLE : VENTILATION FANS DETAILS			
TYPE OF VENTILATION		CAPACITY	NO OF FANS
WALL MOUNTED SUPPLY FANS FOR THE PUMP AREA.		10000 CMH	14
WALL MOUNTED SUPPLY FANS FOR THE ELECTRICAL ANNEX		10000 CMH	4
WALL MOUNTED EXHAUST PROPELLER FANS FOR TOOL ROOM AND TOILET		1200 CMH	3

REV	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE
04.			REVISED AS PER CUSTOMER COMMENTS	ADK	NS	VKY	22.07.20
03.			REVISED AS PER CUSTOMER COMMENTS	ADK	NS	VKY	30.06.20
02.			REVISED AS PER CUSTOMER COMMENTS	ADK	NS	VKY	21.02.20
01.			REVISED AS PER CUSTOMER COMMENTS	ADK	NS	VKY	21.01.20

TELANGANA STATE POWER GENERATION CORPORATION LTD
5x800 MW YADADRI THERMAL POWER STATION
TATA CONSULTING ENGINEERS LIMITED
BANGALORE, INDIA
BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

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DEPT	NAME	SIGN	DATE
DRN	ADK	sd/-	30.08.18
DESN	NS	sd/-	30.08.18
CHD	VK	sd/-	30.08.18
APPD	AK	sd/-	30.08.18

TITLE

MECHANICAL GA OF CLARIFIED WATER PUMP HOUSE

DEPT. SCALE

SIGN

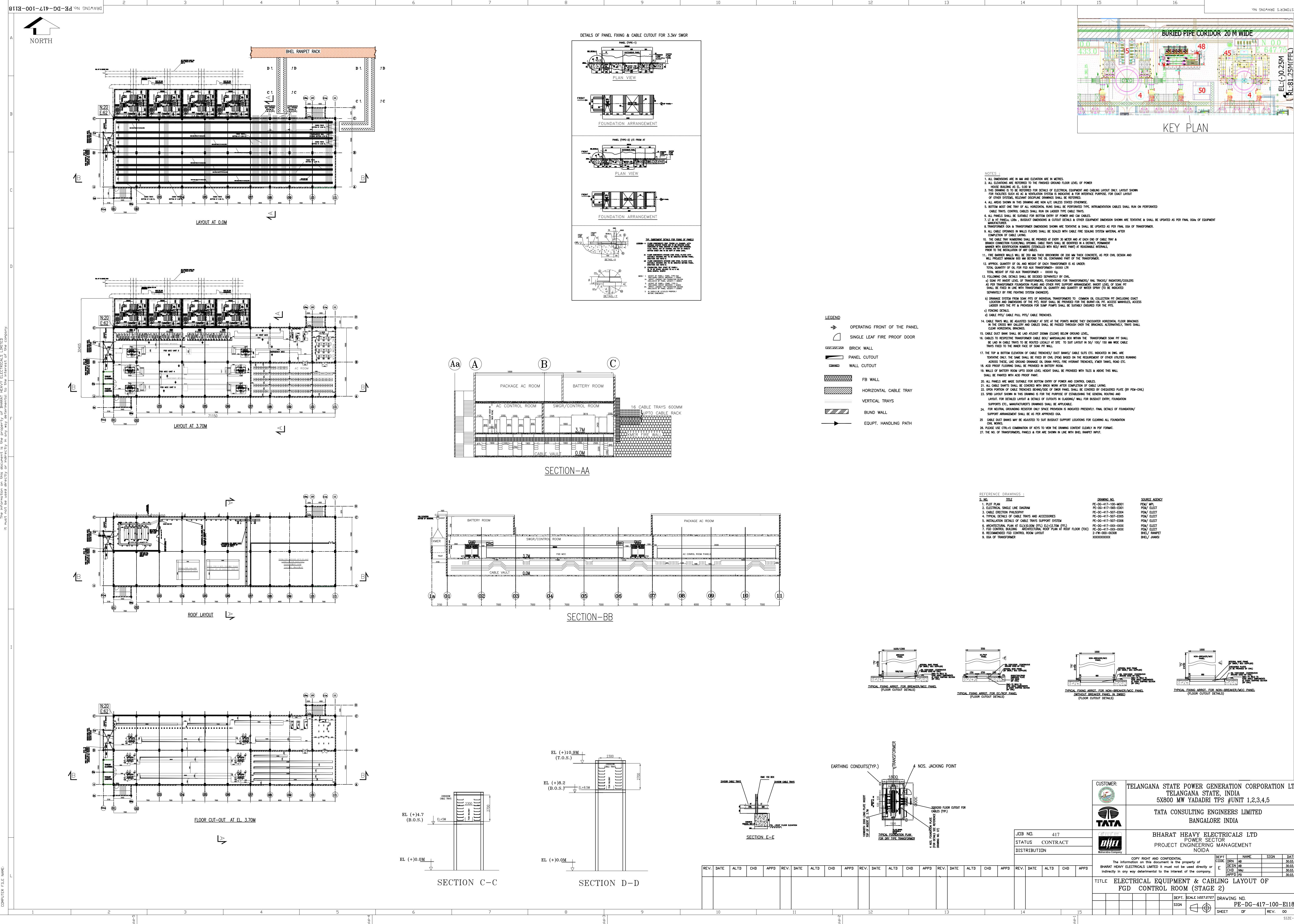
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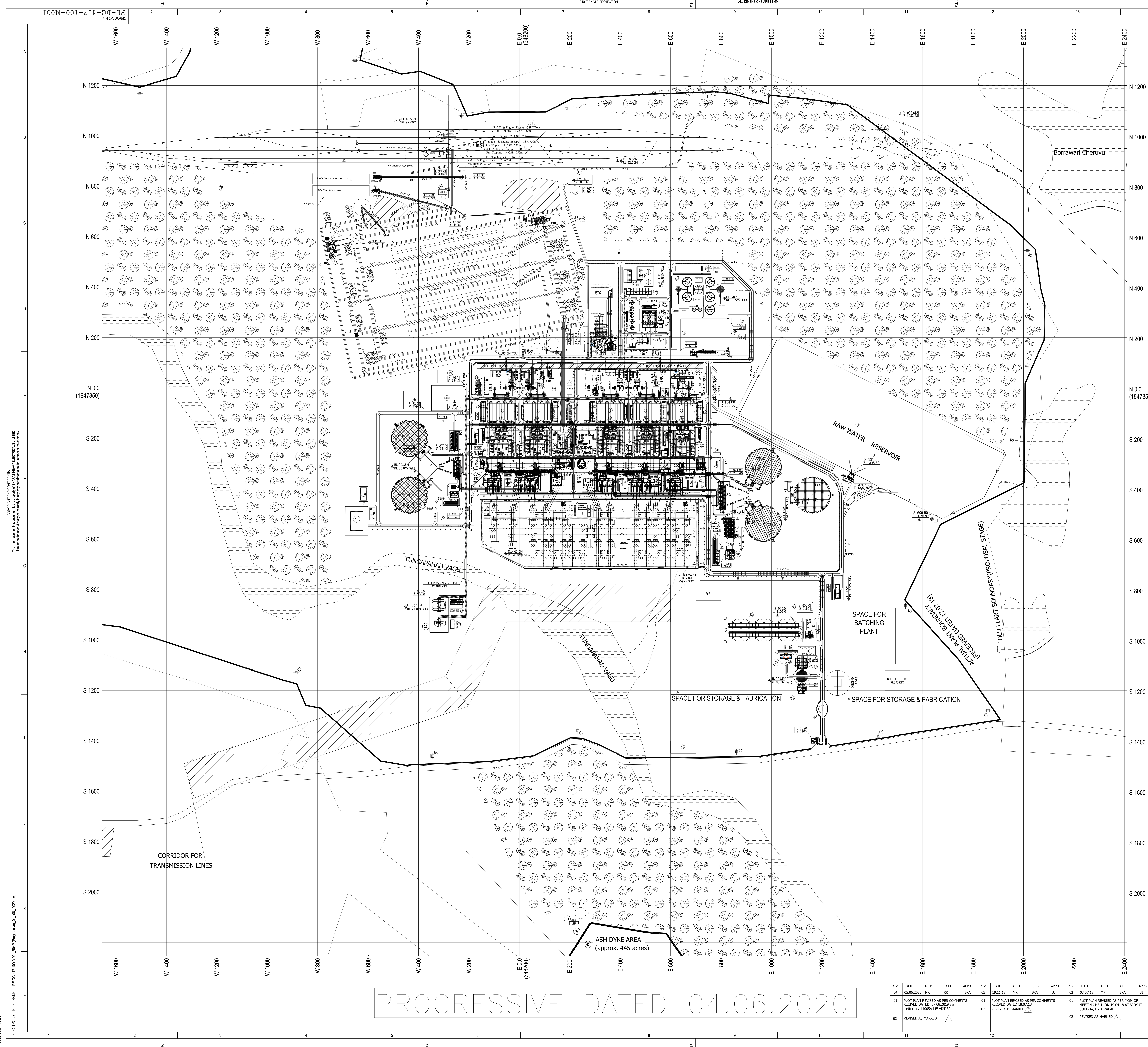
PE-DG-417-172-N005

SHEET 1 OF 1

REV. 04

SIZE-A0





S.No.	DESCRIPTION	CONFIG	SCOPE	ZONE
1	POWER HOUSE BLDG	-	BHEL F-4.78	
2	BOILER	-	BHEL F-4.78	
3	ESP	-	BHEL F-4.78	
4	ESP CONTROL BUILDING	2x21	BHEL F-4.78	
5	CHIMNEY	-	BHEL F-4.78	
6	TRANSFORMER YARD	-	BHEL F-4.78	
7	SWITCHYARD & SVT. CONT. ROOM	-	BHEL F-7	
8	SERVICE BLDG.	2 Nos.	TSGENCO F-7.8.19	
9	DIG BUILDING	3 Nos.	BHEL F-5.8.89	
10	SPACE FOR AIR WASHER	-	BHEL F-6.7.8.89	
11	DW PLANT	COMMON	BHEL D-0	
12	CPU REGEN PLANT	COMMON	BHEL E-8	
13	FUEL OIL UNLOADING BY RAIL/ROD	COMMON	BHEL E-7	
14	FUEL OIL TANK FARM AREA	COMMON	BHEL E-8	
15	FUEL OIL FORWARDING PH	COMMON	BHEL D-0	
16	PRE-TREATMENT PLANT	COMMON	BHEL D-0	
17	BR. OVERHEAD TANK	1 No.	BHEL F-7	
18	FIRE WATER PH CUM TANK	COMMON	BHEL E-8	
19	CLAMPED WATER CUM TANK	COMMON	BHEL D-0	
20	BIKE STREAM FILTERATION	2 + 3	BHEL F-6.8.9	
21	H2 GEN. PLANT - CYLINDERS SHED	COMMON	BHEL G-5	
22	H2 CYLINDERS SHED	COMMON	TSGENCO G-5	
23	CIP PH & FOREWY	2 + 3	BHEL F-6.8.9	
24	GAS CHLORINATION	2	BHEL F-6.8.9	
25	CHLORINE TREAT PLANT	COMMON	BHEL E-5	
26	EFFLUENT TREAT PLANT	COMMON	BHEL F-8	
27	SEWAGE TREAT PLANT	COMMON	TSGENCO F-10	
28	ADMIN. BUILDING	COMMON	TSGENCO G-9	
29	FIRE STATION BUILDING	COMMON	TSGENCO G-9	
30	CANTINE	2 Nos.	TSGENCO F-7.8.19	
31	FLY ASH SLO AREA	COMMON	BHEL G-6	
32	CHIMNEY LAMP - (PART OF PT PLANT)	COMMON	BHEL G-10	
33	WORKSHOP	COMMON	TSGENCO G-10	
34	COMPRESSOR HOUSE	2 + 3	BHEL F-6.8.7	
35	COAL STOCK AREA	COMMON	BHEL E-4.7.8.19	
36	MARSHING YARD (MS TSGENCO)	COMMON	TSGENCO B-1 TO 3	
37	GATE COMPLEX CUM SECURITY BLDG.	COMMON	TSGENCO J-10	
38	PERMANENT STORES (TSGENCO)	1st	TSGENCO H-10.10	
39	AUXILIARY BOILER	COMMON	BHEL E-7.8	
40	CHP ELECTRICAL BLDG. 1	1 No.	BHEL E-5.8	
41	CHP ELECTRICAL BLDG. 2	1 No.	BHEL E-5.8	
42	CHP ELECTRICAL BLDG. 3	1 No.	BHEL E-4	
43	CHP ELECTRICAL BLDG. 4	1 No.	BHEL E-7	
44	CHP ELECTRICAL BLDG. 5	1 No.	BHEL E-7	
45	CHM. LAB (WATER SHED)	4 Nos.	TSGENCO D-0	
46	ACIDS (WATER SHED)	5 Nos.	BHEL F-6.8.7	
47	CIP PUMP HOUSE	2 Nos.	BHEL F-7	
48	AIRPH. CLARIFIER, CHEM. BLDG & MCC	COMMON	BHEL K-7	
49	MCC	2 Nos.	BHEL E-6.8.7	
50	RAW WATER RESERVOIR	-	TSGENCO J-10	
51	PHY. FOUNDATION STONE	-	TSGENCO J-10	
52	ASH DYKE AREA (MS TSGENCO)	-	TSGENCO D-7.8	
53	AMMONIA STORAGE/HANDLING PLANT	COMMON	BHEL E-6	
54	FGD	COMMON	BHEL E-6.7.8.19	
55	LINE STONE PREPARATION AREA	COMMON	BHEL E-7.8	
56	GYP. PLANT WATERING & STORAGE	COMMON	BHEL D-7.8	
57	LINE STONE STORAGE SHADE	COMMON	BHEL E-7.8	
58	FGD MCC & CONTROL ROOM	2 Nos.	BHEL E-6.8	
59	RAW WATER HARVESTING PONDS	3 Nos.	TSGENCO G-6.8.8.9	
60	ASH SLURRY PUMP HOUSE	3 Nos.	BHEL F-6.7.8.19	
61	VACUUM PUMP HOUSE	5 Nos.	BHEL G-6.7.8	
62	CLAMPED WATER SHED	COMMON	BHEL D-7	
63	ASH WATER PUMP HOUSE	COMMON	BHEL D-7	
64	AHP COMPRESSOR HOUSE	2 Nos.	BHEL E-7.8	
65	AHP ELECTRICAL BLDG. 1	1 No.	BHEL E-7.8	
66	AHP ELECTRICAL BLDG. 2	1 No.	BHEL E-7.8	
67	AHP ELECTRICAL BLDG. 3	1 No.	BHEL E-7.8	
68	AHP ELECTRICAL BLDG. 4	1 No.	BHEL E-7.8	
69	AHP ELECTRICAL BLDG. 5	1 No.	BHEL E-7.8	
70	AHP ELECTRICAL BLDG. 6	1 No.	BHEL E-7.8	
71	HELPAD (EXISTING) (TSGENCO)	-	TSGENCO	
72	DBH	13 Nos.	BHEL G-6.7.8.19	
73	RAW COAL STOCKYARD	BHEL	E-5	
74	COAL PILE RUN OF POND	BHEL	D-7	
75	SIMULATOR CUM TRAINING BLDG.	COMMON	TSGENCO J-10	
76	WRECK BRIDGE (P&N)	1 No.	BHEL H-10	
77	11KV & 33KV SWGR	2 Nos.	BHEL F-6.8.9	
78	FLY ASH EQUIPMENT TOWER	5 Nos.	BHEL E-6.7.8	
79	KICK-PAW HOUSE CUM BLDG (P&N)	1 No.	BHEL H-5	
80	KICK-PAW HOUSE CUM BLDG (P&N)	1 No.	BHEL H-5	
81	BA OVER FLOW TANK CUM DRAIN SUMP	1 No.	BHEL F-6.7.8	
82	WATCH TOWER	20 Nos.	TSGENCO K-10.10	

- NOTES:-**
- ALL DIMENSIONS AND CO-ORDINATES ARE IN METER UNLESS NOTED OTHERWISE.
 - THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS EL. + 0.00 WHICH CORRESPONDS TO RL. EL. 10.10, LA. 0.30 ABOVE FFL BUILDING IN MAIN PLANT AREA.
 - CUSTOMER GRIDS HAVE BEEN CONVERTED TO PLANT GRIDS. REFERENCE POINT HAS BEEN INDICATED.
 - THE APPROACH ROADS & PIPE SUPPORTING STRUCTURES SHOWN IN THIS DRAWING ARE INDICATIVE ONLY. THE SAME WILL BE FURTHER UPDATED BASED ON FINALIZATION OF RESPECTIVE FACILITIES / BUILDINGS.
 - LOCATION AND SIZES OF VARIOUS BUILDINGS AND FACILITIES SHOWN ARE PRELIMINARY. THE SAME WILL BE FURTHER UPDATED BASED ON FINALIZATION OF RESPECTIVE FACILITIES / BUILDINGS.
 - ALL ROADS, DRIVINGS AND RESPECTIVE EMBANKMENTS ARE IN TSGENCO SCOPE FOR NON PLANT BUILDINGS. SCOPE OF DRIVINGS SHALL BE AS PER TECHNICAL NOM DATED 04/10/2017 & REVISED LOR E/17/10/2017 & YADADRI TFS, D.NO.102/17 & 17/10/2017.
 - IN ACCORDANCE TO THE REVISED LOR DATED 17/10/2017, THE REVISION 1002 OF THE EARLIER DEVELOPED PLOT PLAN (ON THE BASIS OF MEETINGS/DISCUSSIONS HELD WITH THE CUSTOMER ON 02/11/15 AT YADADRI SITE AND ON 06/11/15 AT KAKATIA SITE) HAS BEEN NOW SUPERCEDED WITH THE FRESH REVISION 1001.
 - GREEN BELT (CUSTOMER SCOPE) IS SHOWN INDICATIVELY.
 - RAW WATER INTAKE UP TO RAW WATER RESERVOIR IS IN CUSTOMER SCOPE.
 - 20 NO. WATCH TOWERS LOCATED ALONG WITH PLANT BOUNDARY, TSGENCO/TCE CONFIRM THE LOCATION AND PATROL ROAD EXTENT ACCORDINGLY.
- REFERENCE DRGS.**
- TENDER STAGE PLOT PLAN (TSGENCO/VAL/PP/WH/PM/1)
 - CONTOUR PLAN DRG

TATA CONSULTING ENGINEERS LIMITED
BANGALORE INDIA

POWER SECTOR PROJECT ENGINEERING MANAGEMENT
NOIDA

CUSTOMER: TELANGANA STATE POWER GENERATION CORPORATION LTD
TELANGANA INDIA
YADADRI TFS (5X800 MW)

CONTRACT NO. 417

STATUS: CONTRACT

DISTRIBUTION:

REVISIONS:

REV.	DATE	BY	CHKD.	APPD.	DESCRIPTION
01	05.06.2020	ME	ME	BA	PLOT PLAN REVISED AS PER COMMENTS RECEIVED DATED 07.06.2019 via Letter No. 11005A-PE-VOT-304.
02	18.07.18	ME	BA	JI	REVISED AS MARKED 2.
03	19.11.18	ME	BA	JI	REVISED AS MARKED 3.
04	03.07.18	ME	BA	JI	REVISED AS MARKED 4.
05	03.07.18	ME	BA	JI	REVISED AS MARKED 5.
06	03.07.18	ME	BA	JI	REVISED AS MARKED 6.
07	03.07.18	ME	BA	JI	REVISED AS MARKED 7.
08	03.07.18	ME	BA	JI	REVISED AS MARKED 8.
09	03.07.18	ME	BA	JI	REVISED AS MARKED 9.
10	03.07.18	ME	BA	JI	REVISED AS MARKED 10.
11	03.07.18	ME	BA	JI	REVISED AS MARKED 11.
12	03.07.18	ME	BA	JI	REVISED AS MARKED 12.
13	03.07.18	ME	BA	JI	REVISED AS MARKED 13.
14	03.07.18	ME	BA	JI	REVISED AS MARKED 14.
15	03.07.18	ME	BA	JI	REVISED AS MARKED 15.

TITLE: PLOT PLAN

SCALE: 1:5000

DRAWING NO: PE-DG-417-100-M001

SHEET 1 OF 1

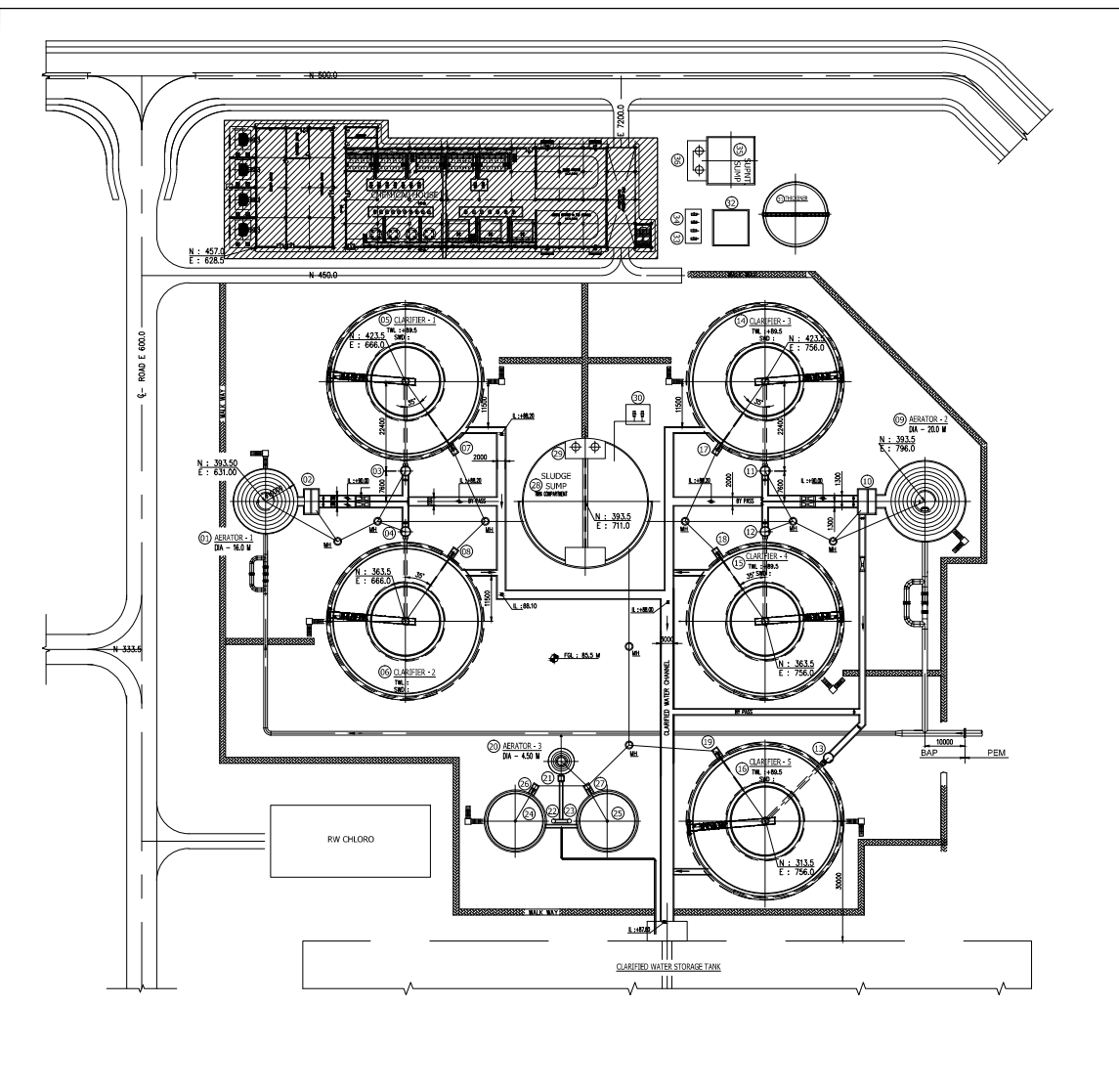
REV: 04

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ELECTRONIC FILE NAME: PE-DG-417-100-M001 (RMP Progression) LA 06.2020.mg

CHEMICAL HOUSE: EQUIPMENT LIST

EQPT NO	DESCRIPTION	CAP.	MOC	APPROX. SIZE(M)/WT(KG)	QTY.
1	LIME SOLUTION PREPARATION TANK	34 CUM	RCC	2.7X1.8X1.5 / 3000 Kg	2 NOS
2	LIME TRANSFER PUMPS	5 m ³ /hr	SS304	4.1X4.1X2.25 SWD+0.5 FB	1W+1S
3	LIME DOSING TANK	38 CUM	SS316	0.6 X 0.4 X 0.4 / 100 kg	3 NOS
4	LIME DOSING PUMP	1500 LPH	MSRL	400 X 18 90H318/500 kg	5W+2S
5	ALUM DOSING TANK	57 CUM	SS316	0.6 X 0.4 X 0.4 / 100 kg	3 NOS
6	ALUM DOSING PUMP	1800 LPH	MSRL	425 X 18 90H318 / 800 kg	5W+2S
7	POLYMER DOSING TANK FOR CLARIFIER	14 CUM	SS316	0.6 X 0.4 X 0.4 / 100 kg	2 NOS
8	POLYMER DOSING PUMP FOR CLARIFIER	300 LPH	MSRL	400 X 13 90H318 / 500 kg	5W+2S
9	DEWATERING POLYELECTROLYTE TANKS	10 CUM	RCC	0.6 X 0.4 X 0.4 / 100 kg	2 NOS
10	DEWATERING POLYELECTROLYTE PUMPS	500 LPH	SS316	425 X 175 X 175 90H318/2W+2S	2 NOS
11	CENTRIFUGE	50 CUM	NI-CI	14 X 0.56 X 0.3 / 200 kg	5 NOS
12	FILTERED WATER OVERHEAD TANK	50 CUM	RCC	5x5x2.5 M	1W
13	MONORAIL HOIST FOR CENTRIFUGE(MANUAL)	3 TON	-----	-----	1W
14	MONORAIL HOIST CHEMICAL HOUSE(ELEC.)	1 TON	-----	-----	1W



KEY PLAN

SECTION A-A

SECTION B-B

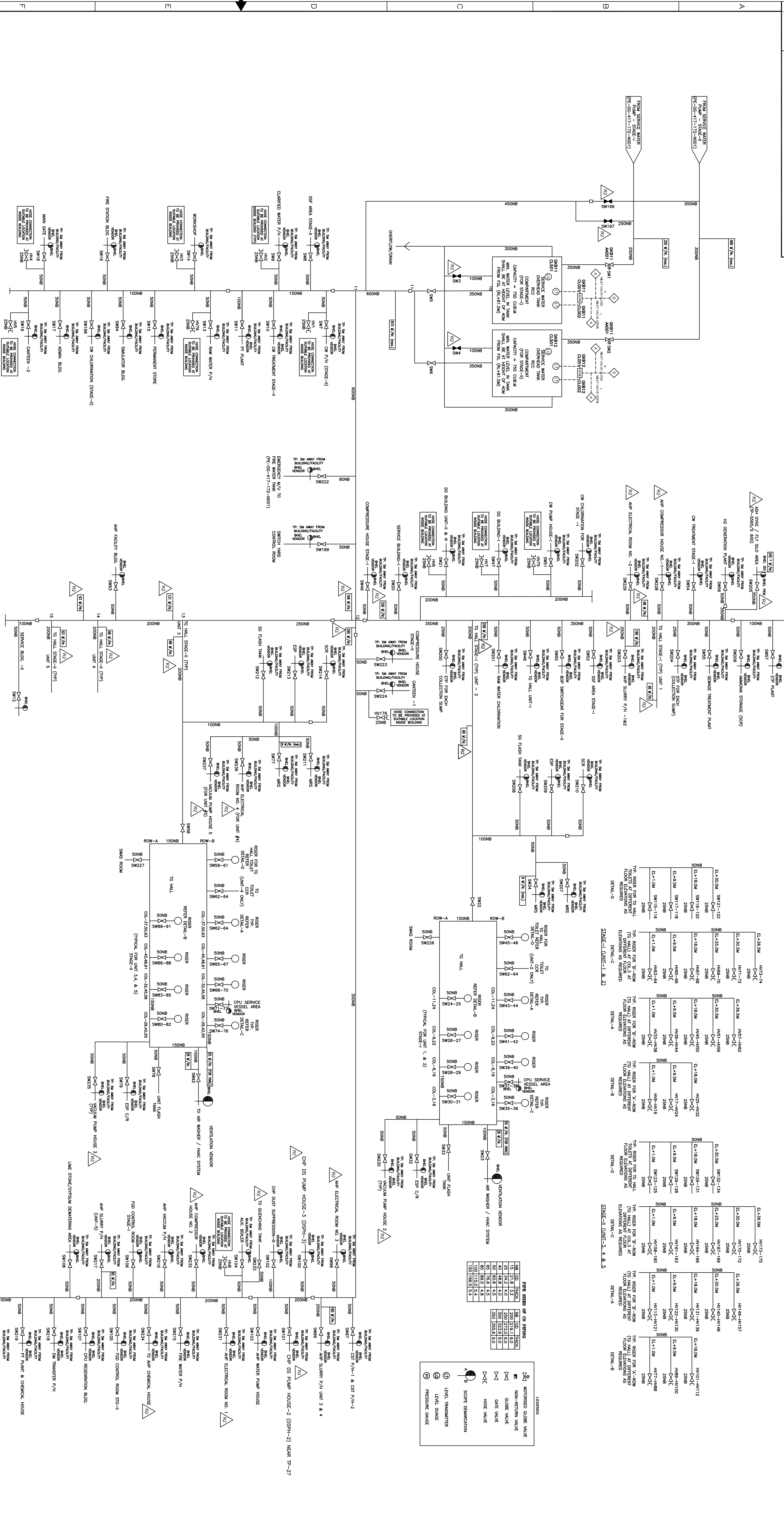
PLAN

SECTION C-C

SECTION D-D

PRELIMINARY DRAWING FOR REFERENCE ONLY

CAUTION: 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 INTERESTS OF THE COMPANY.	PROJECT	YADADRI THERMAL POWER STATION (5X800 MW)		
	OWNER	TELENGANA STATE POWER GENERATION CORPORATION LIMITED		
	OWNERS CONSULTANT	TATA CONSULTING ENGINEERS LIMITED BANGALORE		
	EPC CONTRACTOR	BHARAT HEAVY ELECTRICALS LIMITED, NEW DELHI UNIT: BOILER AUXILIARIES PLANT; RANIPET PACKAGE: PT PLANT		
	TITLE	GA DRAWING OF CHEMICAL HOUSE		
ALL DIMENSIONS ARE IN MILLIMETRES		BHEL DRAWING NO.		REV
PROJECTION		1-WT-025-01319		00
SCALE		N.T.S		00
REV	DATE	ALTERED:	NAME	DATE
ZONE		CHECKED:		
			DRAWN	29.12.18
			CHECKED	29.12.18
			APPROVED	29.12.18



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INDICATIVE ONLY. THE SAME MAY BE
SUITABLY MODIFIED AS PER LAYOUT

SERVICE WATER DISTRIBUTION SCHEMATIC

REV	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE	UNIT	TITLE	SCALE	DATE	REV.
01.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
02.	STATUS	TYPE	CUSTOMER COMMENTS DT.-29.08.2019 AK/ADK	NS	WY	03.06.20	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
03.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
04.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
05.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
06.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
07.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
08.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
09.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
10.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
11.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02
12.	STATUS	TYPE	CUSTOMER COMMENTS DT.-09.08.2018 AK/ADK	NS	WY	10.01.19	NA	NA	SERVICE WATER & POTABLE WATER DISTRIBUTION SCHEMATICS	SCALE : BHEL DWG. NO. : PE-DG-417-172-4N003	10.03.18	02

TATA CONSULTING ENGINEERS LIMITED
BANGALORE, INDIA

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CHD, NS, WY, VY, S, D, 17.03.18

TATANGANA STATE POWER GENERATION CORP. LTD.
5800 MW YADADRI Thermal Power Station

