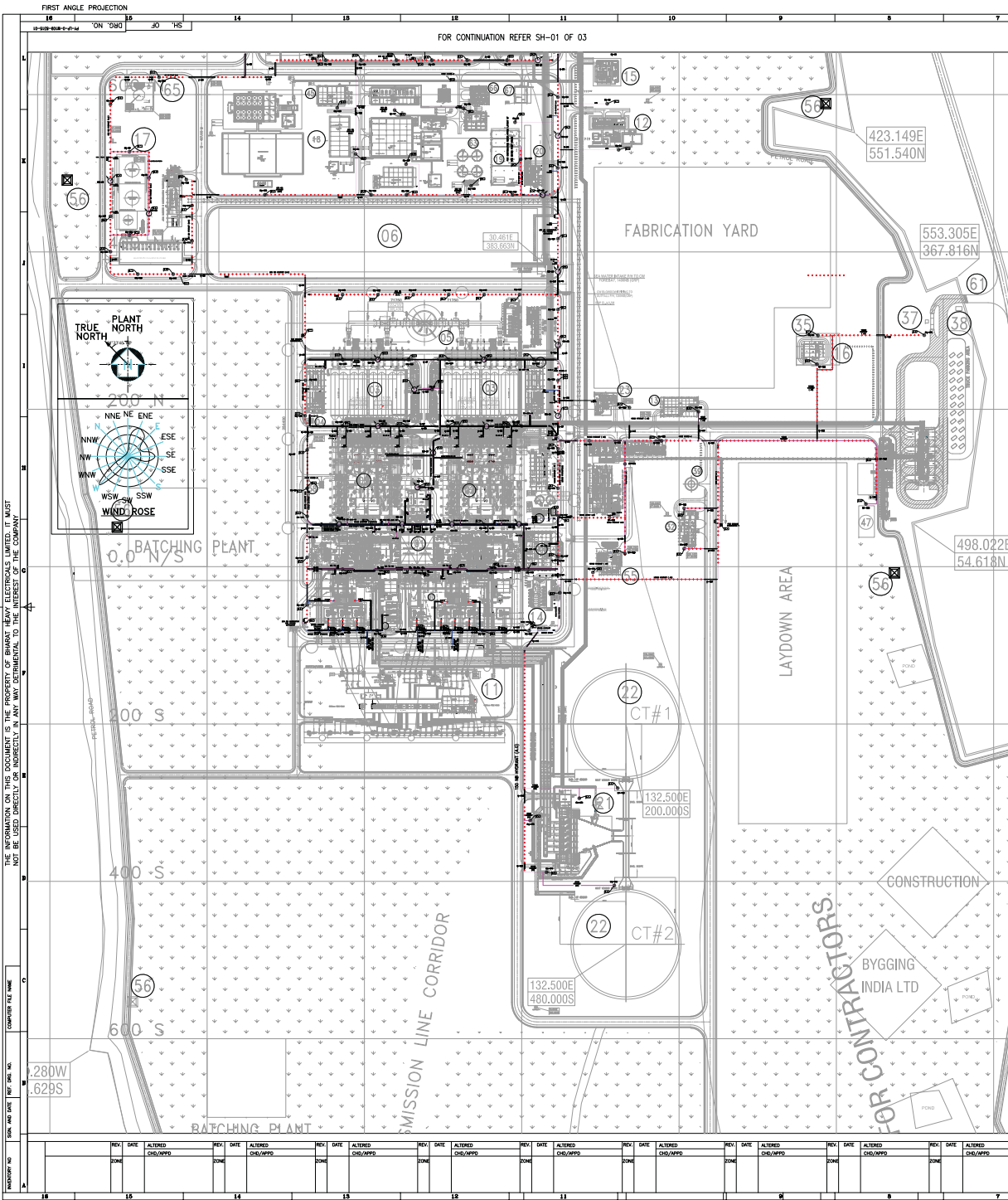


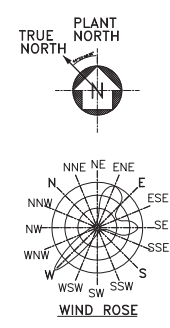
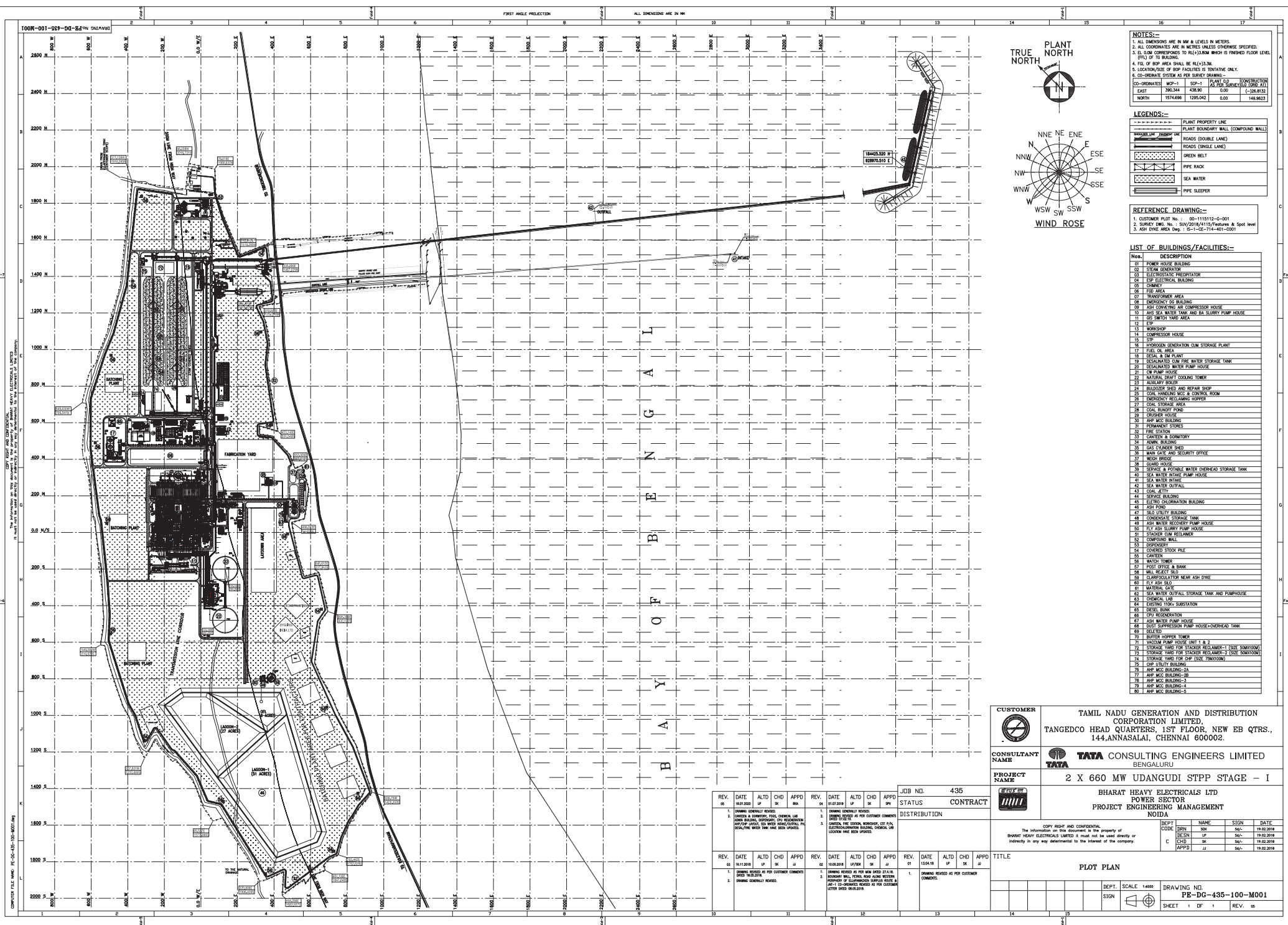


LIST OF BUILDINGS/FACILITIES:-

Sl. No.	DESCRIPTION	HYDRANT LIST	UNIT
01	POWER HOUSE BUILDING	SH-10-06	26000
02	STEAM GENERATOR	SH-10-07	26000
03	CONDENSING TOWER	SH-10-08	26000
04	CONDENSING TOWER	SH-10-09	26000
05	CONDENSING TOWER	SH-10-10	26000
06	CONDENSING TOWER	SH-10-11	26000
07	CONDENSING TOWER	SH-10-12	26000
08	CONDENSING TOWER	SH-10-13	26000
09	CONDENSING TOWER	SH-10-14	26000
10	CONDENSING TOWER	SH-10-15	26000
11	CONDENSING TOWER	SH-10-16	26000
12	CONDENSING TOWER	SH-10-17	26000
13	CONDENSING TOWER	SH-10-18	26000
14	CONDENSING TOWER	SH-10-19	26000
15	CONDENSING TOWER	SH-10-20	26000
16	CONDENSING TOWER	SH-10-21	26000
17	CONDENSING TOWER	SH-10-22	26000
18	CONDENSING TOWER	SH-10-23	26000
19	CONDENSING TOWER	SH-10-24	26000
20	CONDENSING TOWER	SH-10-25	26000
21	CONDENSING TOWER	SH-10-26	26000
22	CONDENSING TOWER	SH-10-27	26000
23	CONDENSING TOWER	SH-10-28	26000
24	CONDENSING TOWER	SH-10-29	26000
25	CONDENSING TOWER	SH-10-30	26000
26	CONDENSING TOWER	SH-10-31	26000
27	CONDENSING TOWER	SH-10-32	26000
28	CONDENSING TOWER	SH-10-33	26000
29	CONDENSING TOWER	SH-10-34	26000
30	CONDENSING TOWER	SH-10-35	26000
31	CONDENSING TOWER	SH-10-36	26000
32	CONDENSING TOWER	SH-10-37	26000
33	CONDENSING TOWER	SH-10-38	26000
34	CONDENSING TOWER	SH-10-39	26000
35	CONDENSING TOWER	SH-10-40	26000
36	CONDENSING TOWER	SH-10-41	26000
37	CONDENSING TOWER	SH-10-42	26000
38	CONDENSING TOWER	SH-10-43	26000
39	CONDENSING TOWER	SH-10-44	26000
40	CONDENSING TOWER	SH-10-45	26000
41	CONDENSING TOWER	SH-10-46	26000
42	CONDENSING TOWER	SH-10-47	26000
43	CONDENSING TOWER	SH-10-48	26000
44	CONDENSING TOWER	SH-10-49	26000
45	CONDENSING TOWER	SH-10-50	26000
46	CONDENSING TOWER	SH-10-51	26000
47	CONDENSING TOWER	SH-10-52	26000
48	CONDENSING TOWER	SH-10-53	26000
49	CONDENSING TOWER	SH-10-54	26000
50	CONDENSING TOWER	SH-10-55	26000
51	CONDENSING TOWER	SH-10-56	26000
52	CONDENSING TOWER	SH-10-57	26000
53	CONDENSING TOWER	SH-10-58	26000
54	CONDENSING TOWER	SH-10-59	26000
55	CONDENSING TOWER	SH-10-60	26000
56	CONDENSING TOWER	SH-10-61	26000
57	CONDENSING TOWER	SH-10-62	26000
58	CONDENSING TOWER	SH-10-63	26000
59	CONDENSING TOWER	SH-10-64	26000
60	CONDENSING TOWER	SH-10-65	26000
61	CONDENSING TOWER	SH-10-66	26000
62	CONDENSING TOWER	SH-10-67	26000
63	CONDENSING TOWER	SH-10-68	26000
64	CONDENSING TOWER	SH-10-69	26000
65	CONDENSING TOWER	SH-10-70	26000
66	CONDENSING TOWER	SH-10-71	26000
67	CONDENSING TOWER	SH-10-72	26000
68	CONDENSING TOWER	SH-10-73	26000
69	CONDENSING TOWER	SH-10-74	26000
70	CONDENSING TOWER	SH-10-75	26000
71	CONDENSING TOWER	SH-10-76	26000
72	CONDENSING TOWER	SH-10-77	26000
73	CONDENSING TOWER	SH-10-78	26000
74	CONDENSING TOWER	SH-10-79	26000
75	CONDENSING TOWER	SH-10-80	26000
76	CONDENSING TOWER	SH-10-81	26000
77	CONDENSING TOWER	SH-10-82	26000
78	CONDENSING TOWER	SH-10-83	26000
79	CONDENSING TOWER	SH-10-84	26000
80	CONDENSING TOWER	SH-10-85	26000
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87	CONDENSING TOWER	SH-10-92	26000
88	CONDENSING TOWER	SH-10-93	26000
89	CONDENSING TOWER	SH-10-94	26000
90	CONDENSING TOWER	SH-10-95	26000
91	CONDENSING TOWER	SH-10-96	26000
92	CONDENSING TOWER	SH-10-97	26000
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97	CONDENSING TOWER	SH-10-102	26000
98	CONDENSING TOWER	SH-10-103	26000
99	CONDENSING TOWER	SH-10-104	26000
100	CONDENSING TOWER	SH-10-105	26000

SCHEDULE OF LANDING VALVE

SL NO	WET RISERS	LOCATION
1	WR-SER-01	SERV. BLDG
2	WR-SER-02	
3	WR-TG-01	TG BLDG. (Unit-1 & 2)
4	WR-TG-02	
5	WR-TG-03	
6	WR-TG-04	
7	WR-TG-05	
8	WR-TG-06	
9	WR-TG-07	
10	WR-TG-08	
11	WR-ESP-01	ESP BLDG.
12	WR-ESP-02	Unit-1
13	WR-ESP-03	ESP BLDG.
14	WR-ESP-04	Unit-2
15	WR-JNT-01	JNT-1
16	WR-JNT-02	JNT-2
17	WR-JNT-03	JNT-3
18	WR-JNT-04	JNT-4
19	WR-JNT-05	JNT-5
20	WR-JNT-06	JNT-6
21	WR-JNT-07	JNT-7
22	WR-JNT-08	JNT-8
23	WR-JNT-09	JNT-9
24	WR-JNT-10	JNT-10
25	WR-JNT-11	JNT-11
26	WR-JNT-12	JNT-12
27	WR-ADM-01	ADMIN
28	WR-ADM-02	
29	WR-CRH-01	CRUSHER HOUSE
30	WR-CRH-02	
31	WR-ERH-01	ERH
32	WR-BLR-01	BOILER
33	WR-BLR-02	
34	WR-BLR-03	
35	WR-BLR-04	
36	WR-BLR-05	
37	WR-BLR-06	
38	WR-BLR-07	
39	WR-BLR-08	



NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS IN METERS.
2. ALL COORDINATES ARE IN METERS UNLESS OTHERWISE SPECIFIED.
3. E.L.M CONSIDERS TO BE (+) FROM WHICH IS FINISHED FLOOR LEVEL (FFL) OF THE BUILDING.
4. FFL OF ROP AREA SHALL BE RL+13.5M.
5. LOCATION/USE OF ROP FACILITIES IS TENTATIVE ONLY.
6. CO-ORDINATE SYSTEM AS PER SURVEY DRAWING.

COORDINATES	MOP-1	ROP-1	AS PER SURVEY (LSD 21)
EAST	582.54	428.30	640.00
NORTH	1574.68	1295.04	0.00

LEGENDS:-

Symbol	Description
---	PLANT PROPERTY LINE
---	PLANT BOUNDARY WALL (COMPOUND WALL)
---	ROADS (DOUBLE LANE)
---	ROADS (SINGLE LANE)
---	GREEN BELT
---	PIPE RACK
---	SEA WATER
---	NATURAL DRAIN
---	PIPE SLEEPER

REFERENCE DRAWING:-

1. CUSTOMER PLOT No. : 65-110112-G-001
2. SURVEY Dwg. No. : SW/2016/415/Features & Spot level
3. ASH DYE AREA Dwg. : S-1-22-714-401-C001

LIST OF BUILDINGS/FACILITIES:-

No.	DESCRIPTION
01	POWER HOUSE BUILDING
02	STEAM GENERATOR
03	ELECTROSTATIC PRECIPITATOR
04	EXP. ELECTRICAL BUILDING
05	CHIMNEY
06	FPD AREA
07	WINDPOWER AREA
08	EMERGENCY DG BUILDING
09	ASH CONVEYING AND COMPRESSOR HOUSE
10	ASH SEA WATER TANK AND BA SLURRY PUMP HOUSE
11	FGS WETTED YARD AREA
12	ETP
13	WATERPUMP
14	COMPRESSOR HOUSE
15	STP
16	HYDROGEN GENERATION CUM STORAGE PLANT
17	FUEL OIL AREA
18	DESAL & LM PLANT
19	DESALINATED CUM FIRE WATER STORAGE TANK
20	DESALINATED WATER PUMP HOUSE
21	CW PUMP HOUSE
22	NATURAL DRAIN COOLING TOWER
23	AUXILIARY BUILDING
24	BLASTHOUSE AND REPAIR SHOP
25	COAL HANDLING MTD & CONTROL ROOM
26	EMERGENCY RECLAIMING HOPPER
27	COAL STORAGE AREA
28	COAL THURTY POND
29	COALHOUSE
30	APP MTD BUILDING
31	PERMANENT STORES
32	CATERING & CANTINE
33	FIRE STATION
34	ADMIN BUILDING
35	CAST CRACKER SHED
36	MAIN GATE AND SECURITY OFFICE
37	WOOD SHED
38	GUARD HOUSE
39	SUPPLY & PORTABLE WATER OVERHEAD STORAGE TANK
40	SEA WATER INTAKE PUMP HOUSE
41	SEA WATER INTAKE
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80	SEA WATER INTAKE

CUSTOMER

TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LIMITED,
TANGEDCO HEAD QUARTERS, 1ST FLOOR, NEW EB QTRS.,
144,ANNASALAI, CHENNAI 600002.

CONSULTANT NAME

TATA CONSULTING ENGINEERS LIMITED
BENGALURU

PROJECT NAME

2 X 660 MW UDANGUDI STPP STAGE - I

CLIENT

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

DEPT CODE

DEPT	NAME	SIGN	DATE
DRN	DRN	56/-	19.02.2018
DES	DES	56/-	19.02.2018
CHD	CHD	56/-	19.02.2018
APPD	APPD	56/-	19.02.2018

TITLE

PLOT PLAN

SCALE

1:1000

SHEET

1 OF 1

REV.

01

DATE

19.02.2018

BY

DRN

CHECKED BY

DES

DATE

19.02.2018

BY

CHD

CHECKED BY

APPD

DATE

19.02.2018

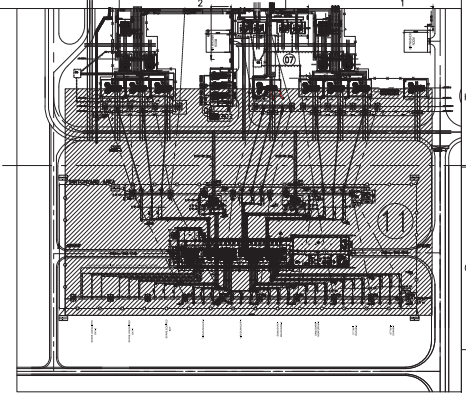
BY

APPD

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FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MM.)

DRAWING NO. TB-0-400-316-002



KEY PLAN

NOTES:-

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
- THE FOLLOWING MINIMUM CLEARANCE ARE ADOPTED AS PER SPECIFICATION (FOR OUTDOOR SWITCHYARD) CLEARANCE
 - Ph-Ph 4000
 - Ph-Earth 3500
 - SECTIONAL 6500
 - GROUND 8000
- MINIMUM LEVEL OF BOTTOM OF ANY INSULATOR ABOVE GROUND LEVEL (FROM PLINTH) IS 2550 MM.
- 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
- FOR QUANTITIES AND DETAILS OF EQUIPMENTS PLEASE REFER SLD.
- SPARE EQUIPED BAY SCOPE IS UPTO GIS BUSHING
- SHIELDWIRE IS INDICATIVE AND FINAL REQUIREMENT WILL BE FURTHER INDICATED AS PER DSLP CALCULATION
- 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

NO.	DATE	BY	CHKD	APPD	REMARKS
01	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
02	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
03	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
04	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
05	14.11.19	SS	SS	SS	ISSUED FOR PERMIT

JOB NO.

STATUS CONTRACT

DISTRIBUTION

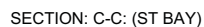
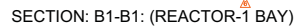
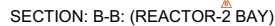
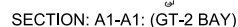
PROJECT	2X660 MW UDANGUDI SUPERCritical TPS, STAGE-1
CUSTOMER	TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)
CONSULTANT	TATA CONSULTING ENGINEERS LIMITED BENGALURU
CLIENT	BHARAT HEAVY ELECTRICALS LTD TRANSMISSION BUSINESS GROUP NOIDA

REV	DATE	BY	CHKD	APPD	REMARKS
01	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
02	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
03	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
04	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
05	14.11.19	SS	SS	SS	ISSUED FOR PERMIT

TITLE GIS AND POTHEAD YARD PLAN & SECTION LAYOUT

REPT. SCALE 1:300	DRAWING NO. TB-0-400-316-002
SIGN	SHEET 01 OF 02 REV. 06

REV.	DATE	ALT.	CHKD	APPD	REMARKS
01	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
02	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
03	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
04	14.11.19	SS	SS	SS	ISSUED FOR PERMIT
05	14.11.19	SS	SS	SS	ISSUED FOR PERMIT



REV	DAT1	ALT1	SS	DKS	APPS	REV	DAT2	ALT2	SS	DKS	APPS	REV	DAT3	ALT3	SS	DKS	APPS	REV	DAT4	ALT4	SS	DKS	APPS	REV	DAT5	ALT5	SS	DKS	APPS
06	16.04.20					05	20.03.20					04	20.12.16					03	16.11.15					02	08.07.16				
Reviewed on per comments vide TSC 14-036-316-027-038 12.03.2020 to clarification vide 12.03.2020						Reviewed on per comments vide TSC 14-036-316-027-038 02.01.2020 to clarification vide 12.01.2020						Reviewed on per comments vide TSC 14-036-316-027-038 12.11.2019						Reviewed on per comments vide TSC 14-036-316-027-038 28-08-2019						Reviewed on per comments vide TSC 14-036-316-027-038 28-08-2019					
18-03-040-316-027-038-Rev 05						18-03-040-316-027-038-Rev 04																							

PROJECT	2X660 MW UDANGUDI SUPERCRITICAL TPS, STAGE-I
CUSTOMER	 TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)
CONSULTANT	 TATA CONSULTING ENGINEERS LIMITED BENGALURU
	 BHARAT HEAVY ELECTRICALS LTD TRANSMISSION BUSINESS GROUP NOIDA

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PD AG		E	DRN SS	\$1.12.11
			DESN SS	\$1.12.11
			CHD SKS	\$1.12.11
			APP AG	\$1.12.11

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

SUPERCRITICAL TPS, STARCH

GENERATION AND DISTRIBUTION
LIMITED (TANGEDCO)

ENGINEERS LIMITED

ELECTRICALS LTD
BUSINESS GROUP

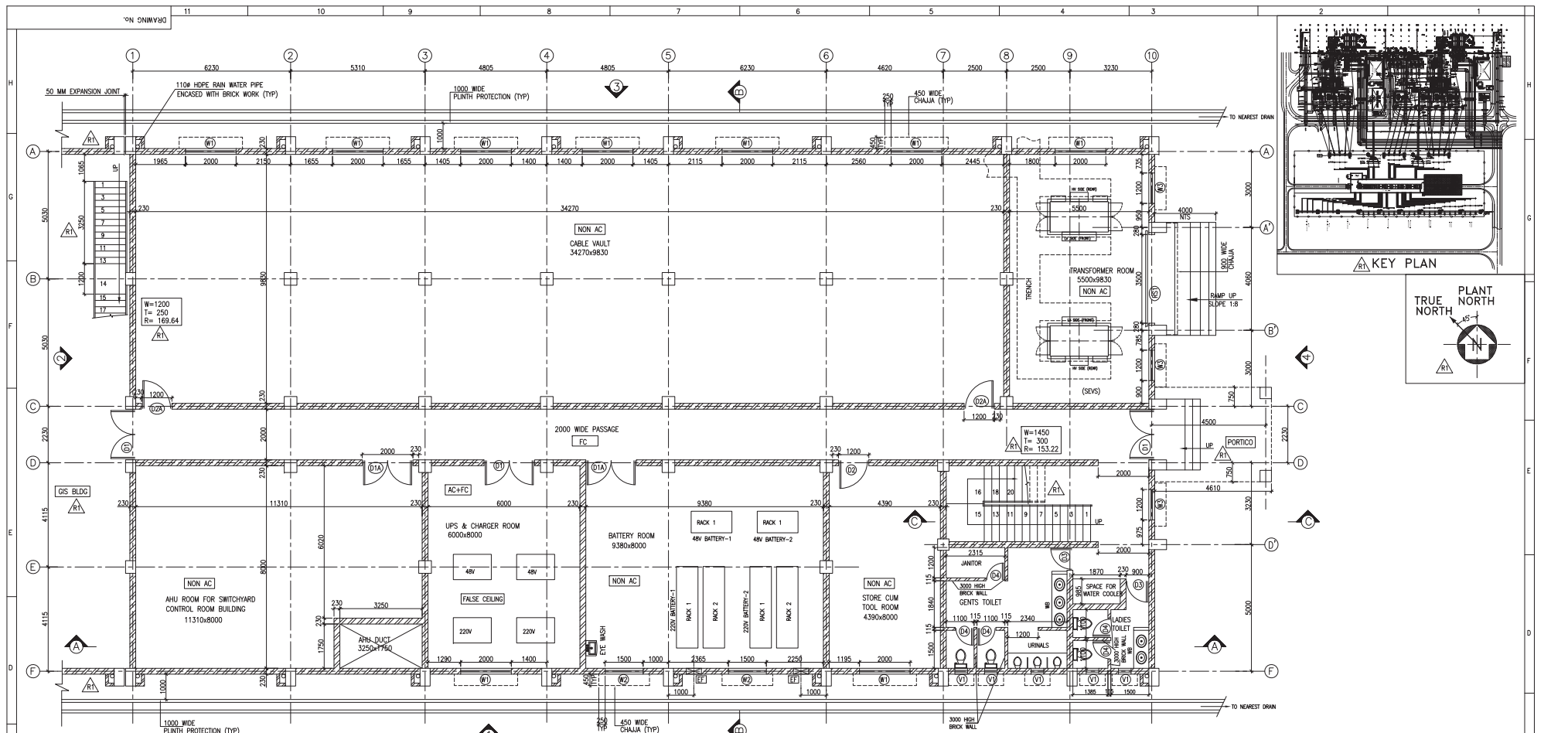
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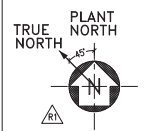
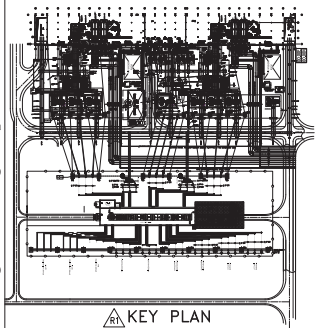
& SECTION LAYOUT

TB-0-400-316-	
SHEET 02 OF 02	REV

FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MM.)

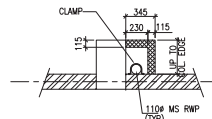


GROUND FLOOR PLAN



WATER PROOFING ON ROOF:

HIGH SOLID CONTENT LIQUID APPLIED ELASTOMERIC WATER PROOFING MEMBRANE WITH SEPARATE WEARING COURSE AS PER ASTM C-898. THICKNESS OF THE MEMBRANE SHALL BE 1.5 MM. THIS TREATMENT SHALL INCLUDE APPLICATION OF POLYMERISED MASTIC OVER THE ROOF TO ACHIEVE SMOOTH SURFACE AND PRIMER COAT. WEARING COURSE ON THE TOP OF MEMBRANE SHALL CONSIST OF 40MM. THICK PCC (1:2:4) CAST IN PANELS OF MAX. 1200x1200 SIZE AND REINFORCED WITH 0.56 MM. DIA. GALVANIZED CHICKEN WIRE MESH AND SEALING OF JOINTS USING SEALING COMPOUND/ ELASTOMERIC WATER PROOFING MEMBRANE.



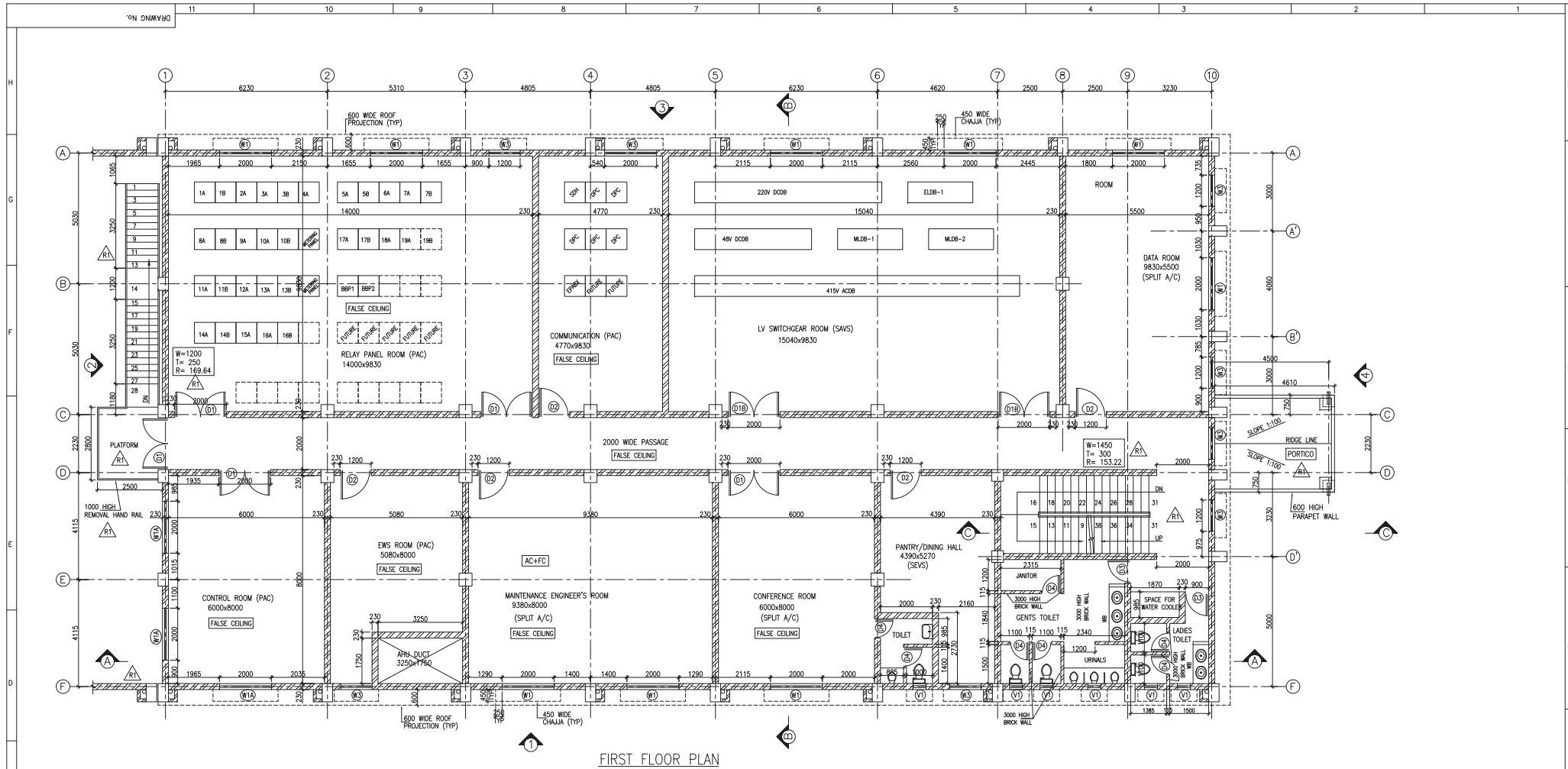
TYP. RWP FIXING DETAIL

LEGEND :-			
FGL	FINISHED GROUND LEVEL		
FFL	FINISHED FLOOR LEVEL		
TOC	TOP OF CONCRETE		
FC	FALSE CEILING		
UDI	UNDER DECK INSULATION		
RS	ROLLING SHUTTER		
D	DOOR		
W	WINDOW		
V	VENTILATOR		
EF	EXHAUST FAN		
WB	WASH BASIN		

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. ALL WINDOWS AND VENTILATORS ON GROUND FLOOR OF ALL BUILDINGS SHALL BE PROVIDED WITH SUITABLE MS GRILL.
3. ALL DOOR-WINDOW, ETC. HEIGHT SHALL BE CONSIDERED FROM FINISH FLOOR LEVEL.

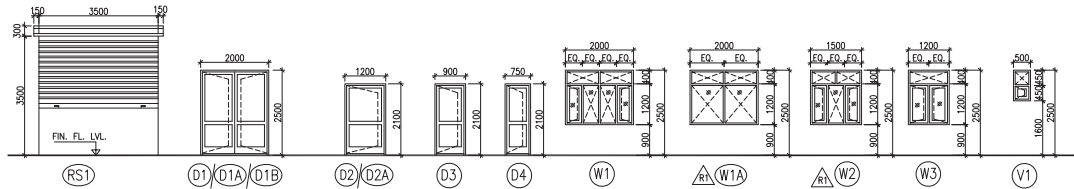
PROJECT	2X660 MW UDAGUDI SUPERCRITICAL TPS, STAGE-1
CUSTOMER	TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)
CONSULTANT	TATA CONSULTING ENGINEERS LIMITED BENGALURU
DESIGNED BY	BHARAT HEAVY ELECTRICALS LTD TRANSMISSION BUSINESS GROUP NOIDA
DRAWN BY	
CHECKED BY	
DATE	24.09.19
SCALE	1:75
DRAWING NO.	TB-1-400-607-620-1
SHEET NO.	01



FIRST FLOOR PLAN

SCHEDULE OF DOORS & WINDOWS (AS PER TECHNICAL SPECIFICATION)

TYPE	OPENING SIZE	CHILL LEVEL	UNIT LEVEL	NOS.	DESCRIPTION
RS1	3500x3500	-	3500	1	STEEL ROLLING SHUTTER
D1	2000x2500	-	2500	8	DOUBLE SHUTTER ALUMINIUM GLAZED DOOR AS PER SPECS.
D1A	2000x2500	-	2500	2	DOUBLE SHUTTER STEEL FRAME DOOR AS PER SPECS.
D1B	2000x2500	-	2500	2	DOUBLE SHUTTER FIRE PROOF STEEL FRAME DOOR AS PER SPECS.
D2	1200x2500	-	2500	7	SINGLE SHUTTER ALUMINIUM GLAZED DOOR AS PER SPECS.
D2A	1200x2500	-	2500	2	SINGLE SHUTTER FIRE PROOF STEEL FRAME DOOR AS PER SPECS.
D3	900x2100	-	2100	4	SINGLE SHUTTER PVC DOOR FRAME AS PER SPECS.
D4	750x2100	-	2100	12	SINGLE SHUTTER PVC DOOR FRAME AS PER SPECS.
W1	2000x1600	900	2500	18	PARTLY FIXED & PARTLY OPENABLE ALUMINIUM FRAME GLAZED SHUTTER WINDOW AS PER SPECS.
W1A	2000x1600	900	2500	3	FIX TYPE ALUMINIUM FRAME GLAZED SHUTTER WINDOW AS PER SPECS.
W2	1500x1600	900	2500	2	PARTLY FIXED & PARTLY OPENABLE ALUMINIUM FRAME GLAZED SHUTTER WINDOW AS PER SPECS.
W3	1200x1600	900	2500	12	PARTLY FIXED & PARTLY OPENABLE ALUMINIUM FRAME GLAZED SHUTTER WINDOW AS PER SPECS.
V1	450x900	1600	2500	11	PARTLY FIXED & PARTLY OPENABLE ALUMINIUM FRAME GLAZED SHUTTER VENTILATOR AS PER SPECS.



NOTES:-

- 1 ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- 2 ALL WINDOWS AND VENTILATORS ON GROUND FLOOR OF ALL BUILDINGS SHALL BE PROVIDED WITH SUITABLE MS GRILL.
3. ALL DOOR-WINDOW, ETC. HEIGHT SHALL BE CONSIDERED FROM FINISH FLOOR LEVEL.

JOB NO.

STATUS

DISTRIBUTION

CONTRACT

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

REVISIONS

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REVISIONS

PROJECT 2X660 MW UDANGUDI SUPERCRITICAL TPS, STAGE-1

CUSTOMER TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)

CONSULTANT TATA CONSULTING ENGINEERS LIMITED BENGALURU

CLIENT BHARAT HEAVY ELECTRICALS LTD TRANSMISSION BUSINESS GROUP NOIDA

DATE 14.08.12

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Architectural drawing of a building terrace layout. The drawing shows a rectangular terrace with a grid system (1-10 horizontally, A-F vertically). It includes dimensions, slope indicators (e.g., 1:100, 1:300), and labels for various features like parapet walls, ridge lines, and a staircase. A small inset shows a plan view of a staircase with numbered steps. The drawing is oriented with North (N) at the top.

1



1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

PROJECT	2X680 MW UDANGUDI SUPERCRITICAL TPS, STAGE-I				
CUSTOMER	 TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)				
CONSULTANT	 TECHNICAL SERVICES CONSULTING ENGINEERS' LIMITED BENGALURU				
	 BHARAT HEAVY ELECTRICALS LTD TRANSMISSION BUSINESS GROUP NOIDA				
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APPD	APPD	APPD	APPD	APPD	APPD
AS	TITLE ARCHITECTURAL DRAWING CONTROL ROOM BUILDING (PLAN)				
	DATE	SCALE	DRAWING NO.	TB-1-400-607-620-I REV. 01	

DRAWING NO.	11	10	9	8	7	6	5	4	3	2	1
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12	11	10	9
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[illegible]

The image contains two architectural drawings. The left drawing is a cross-section of a building, showing a three-story structure with a central staircase. The drawing is marked with grid lines A through F and D through D'. Key elevation points are indicated: EL(+12.500M) TOC at the top, EL(+9.500M) TOC for the second floor, EL(+4.700M) TOC for the first floor, EL(+0.000M) FFL at the ground level, and EL(-0.500M) FGL below ground level. The right drawing is a detailed cross-section of a plinth protection along a building with a drain. It shows a 110mm HDPE rain water pipe encased in brickwork, sloped at 1:1.53. The plinth protection is 1000mm high and 230mm wide. The drain is 100mm high and 230mm wide, with a 12mm thick plaster CM 1:4 on top. The base consists of 100mm thick PCC M7.5, 150mm thick rubble soling, and compacted earth sub base. The drawing also shows a 50mm thick OPC layer and a 110mm HDPE rain water pipe encased with brick work (TYP).

50 THK DPC
EL(+0.000MM)
FFL

110# HDPE RAIN WATER PIPE
ENCASD WITH BRICK WORK (TYP)

230

100#

PLINTH PROTECTION

SLOPE

12mm thk. PLASTER CM. 1
EL(-)0.500M
F.O.L.

300

EL TO VARE

230

300

230

100 THK. PCC M7.5
PAVING ALL AROUND ON THE OUTSIDE

150 THK. RUBBLE SOLING

COMPACTED EARTH SUB BASE

PLINTH BEAM
AS/SPRCS

100 THK. P.C.C. M7.5

DRAIN

PLINTH PROTECTION ALONG BUILDING
WITH DRAIN-TYPICAL

[illegible]

