

- LEGEND**
- 1 STG BUILDING (1x800MW UNIT)
 - 2 BOILER
 - 3 ELECTROSTATIC PRECIPITATOR
 - 4 E.S.P. CONTROL ROOM
 - 5 CHIMNEY
 - 6 TRANSFORMER YARD
 - 7 SWITCH YARD (GS)
 - 8 SWITCH YARD CONT. ROOM
 - 9 SERVICE & TECHNICAL BUILDING
 - 10 IA/SA/ARS COMPRESSOR BUILDING
 - 11 DG SET
 - 12 PIPE RACK
 - 13 SPACE FOR CST
 - 14 SPACE FOR DM PLANT & CPU REGENERATION AREA
 - 15 SPACE FOR DM PUMPS AND CST PUMP
 - 16 DMW STG. TANKS
 - 17 CLARIFIED CUM FIRE WATER STORAGE TANK (WITH EXISTING CLARIFIER)
 - 18 SPACE FOR CLARIFIED WATER PUMPS
 - 19 LFO / HFO DAY TANK
 - 20 FO PRESSURIZING PUMP HOUSE
 - 21 ND COOLING TOWER
 - 22 CW & ADW PUMP HOUSE
 - 23 CW CHLORINATION PLANT
 - 24 SIDE STREAM FILTER
 - 25 CW TREATMENT PLANT
 - 26 STORES
 - 27 AUXILIARY BOILER
 - 28 PRE TREATMENT PLANT INCLUDING CHEMICAL HOUSE & CLARIFIER
 - 29 HYDROGEN CYLINDER STORAGE BUILDING
 - 30 CLARIFIED WATER RESERVOIR (WITH NEW CLARIFIER)
 - 31 SPACE FOR FIRE WATER PUMPS
 - 32 SPACE FOR SERVICE WATER PUMPS & NEW CLARIFIER PUMPS
 - 33 SITE OFFICE
 - 34 CANTEN
 - 35 NEW JACK WELL PUMP HOUSE
 - 36 PIPE CUM PASSAGE TO JACKWELL
 - 37 CW PIPE CORRIDOR
 - 38 EQUIPMENT LAYDOWN SPACE
 - 39 RETAINING WALL
 - 40 FO TRANSFER PUMP HOUSE
 - 41 LFO / HFO PIPE CORRIDOR
 - 42 WATCH TOWER
 - 43 PROPOSED SPACE FOR FGD
 - 44 PREASSEMBLY LAYDOWN SPACE
 - 45 EFFLUENT TREATMENT PLANT
 - 46 GUARD POND
 - 47 BOILER DRAIN PIT
 - 48 B.A. SLURRY PIT & PUMP HOUSE
 - 49 ASH WATER PUMP HOUSE
 - 50 AHP COMPRESSOR CUM VACUUM PUMP HOUSE
 - 51 ASH HANDLING PLANT MCC-1 CUM CONTROL ROOM
 - 52 AHP CLARIFIER
 - 53 CHEMICAL HOUSE
 - 54 FLY ASH SILO
 - 55 SILO UTILITY / HCSH SHED / MCC ROOM
 - 56 ASH PIPE CORRIDOR
 - 57 MCC ROOM CUM ASH WATER RECOVERY SYSTEM PUMP HOUSE
 - 58 WAGON TIPPLER
 - 59 TRANSFER POINT
 - 60 PENT HOUSE
 - 61 CRUSHER HOUSE
 - 62 STACKER/RECLAIMER
 - 63 CRUSHED COAL STOCK PILE
 - 64 COAL CONVEYOR
 - 65 CHP MAIN CONTROL ROOM CUM S/S
 - 66 ROAD FROM ASH SILO UNIT#8 TO EXISTING BRICK PLANT
 - 67 WEIGH BRIDGE
 - 68 FLY ASH EXTRACTION TOWER
 - 69 AHP MCC SPACE
 - 70 FACILITIES FROM SL. No. 46) TO 66) PERTAIN TO ISG (AHP & CHP).
 - 71 CHEMICAL LAB
 - 72 FOAM PUMP HOUSE

AS INFORMED BY BHEL SITE, PROPOSED SPACE FOR FABRICATION YARD WILL BE BETWEEN GRID 200S TO 400N & 800E TO 1000E.

- LEGEND**
- FENCING
 - EXISTING FACILITIES
 - PROPOSED FACILITIES
 - RAILWAY TRACK
 - PIPE RACK (ENGG. BY PEM)
 - PIPE RACK (ISG)
 - ROAD
 - DIVERTED ROAD
 - ROAD BY ISG
 - PIPE PEDESTAL
 - AHP PIPE CORRIDOR

- NOTE:-**
- ALL DIMENSIONS AND CO-ORDINATES ARE IN METRES UNLESS NOTED OTHERWISE.
 - THE FINISHED GRADE LEVEL OF POWER BLOCK AREA IS RL. 72.00M. CORRESPONDS TO RL. 72.3M
 - EXISTING FACILITIES WITHIN 800 MM PLANT AREA SHALL BE RE-LOCATED TO SUIT AT SITE CONDITION.
 - ANY BUILDING/ HEAVY STRUCTURE SHALL NOT BE LOCATED WITHIN 200.00M OF MAHI RIVER BANK AS PER CITATION NORMS.
 - READ THIS DRAWING IN CONJUNCTION WITH CUSTOMER DWG. NO. - WTPS: SEC.19.

- REFERENCE DWG.**
- PLOT PLAN
 - MAN PLANT EQUIPMENT LAYOUT PLAN AT EL. 0.00M
 - LAYOUT PLAN & CROSS SECTION DWG FOR EXTENSION SWITCHYARD

9213R-DWG-M-002 REV-05 (CUST.)
PE-DG-408-100-M002
TB-3-375-510-060

CUSTOMER: GUJARAT STATE ELECTRICITY CORPORATION LTD
VADODARA, GUJARAT
1x800 MW Wanakbori Thermal Power Station Extn. Unit-8

CONSULTANT: DEVELOPMENT CONSULTANTS PVT. LTD.
CONSULTING ENGINEERS
KOLKATA MUMBAI CHENNAI NEW DELHI

CLIENT: BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

JOB NO.	408
STATUS	CONTRACT
DISTRIBUTION	

REV.	DATE	ALTD	CHD	APPR	REV.	DATE	ALTD	CHD	APPR
01	18.12.2014				01	18.12.2014			

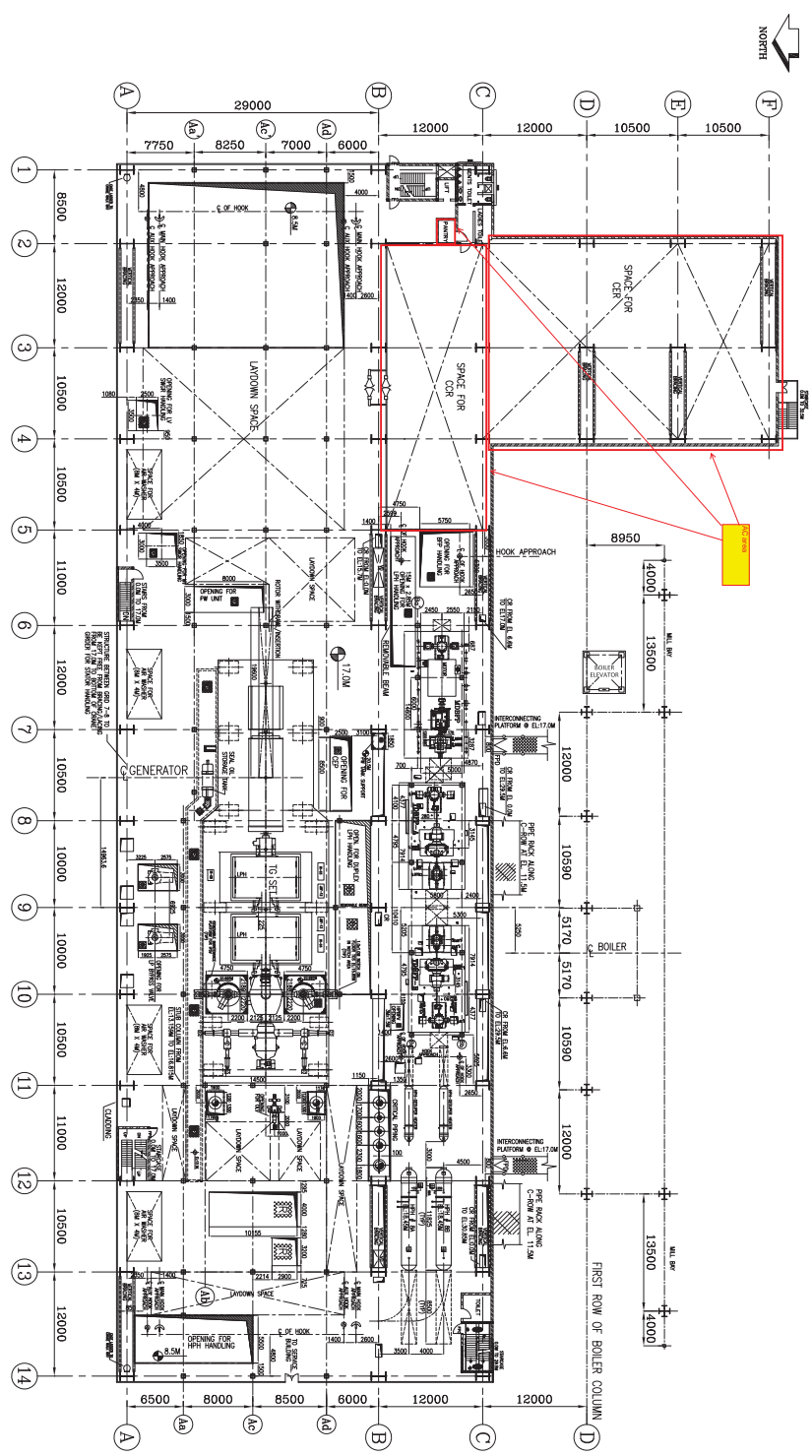
1. DRAWING REVISED IN LINE WITH CUSTOMER COMMENTS.	1. DRAWING REVISED IN LINE WITH CUSTOMER COMMENTS.
2. TO BE CHECKED BY THE CUSTOMER.	2. TO BE CHECKED BY THE CUSTOMER.
3. TO BE CHECKED BY THE CUSTOMER.	3. TO BE CHECKED BY THE CUSTOMER.
4. TO BE CHECKED BY THE CUSTOMER.	4. TO BE CHECKED BY THE CUSTOMER.
5. TO BE CHECKED BY THE CUSTOMER.	5. TO BE CHECKED BY THE CUSTOMER.
6. TO BE CHECKED BY THE CUSTOMER.	6. TO BE CHECKED BY THE CUSTOMER.
7. TO BE CHECKED BY THE CUSTOMER.	7. TO BE CHECKED BY THE CUSTOMER.
8. TO BE CHECKED BY THE CUSTOMER.	8. TO BE CHECKED BY THE CUSTOMER.
9. TO BE CHECKED BY THE CUSTOMER.	9. TO BE CHECKED BY THE CUSTOMER.
10. TO BE CHECKED BY THE CUSTOMER.	10. TO BE CHECKED BY THE CUSTOMER.

TITLE PLOT PLAN

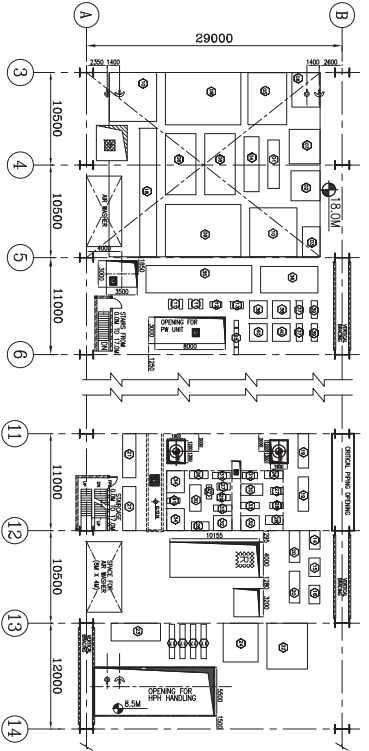
DEPT. SCALE 1:3000 DRAWING NO. PE-DG-408-100-M001

SHEET 1 OF 1 REV. 02

COPY RIGHT AND CONFIDENTIAL. THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BHARAT HEAVY ELECTRICALS LIMITED.



PLAN AT EL.17.0M



EQUIPMENT LAYDOWN ARRANGEMENT FOR TG & GENERATOR COMPONENTS AT 17.0M

DETAIL OF LAY-DOWN SPACE FOR TG COMPONENTS

Sl. No.	DESCRIPTION	Qty	Area (sq. m)
1	GENERATOR	2	151.13
2	GENERATOR	2	151.13
3	GENERATOR	2	151.13
4	GENERATOR	2	151.13
5	GENERATOR	2	151.13
6	GENERATOR	2	151.13
7	GENERATOR	2	151.13
8	GENERATOR	2	151.13
9	GENERATOR	2	151.13
10	GENERATOR	2	151.13
11	GENERATOR	2	151.13
12	GENERATOR	2	151.13
13	GENERATOR	2	151.13
14	GENERATOR	2	151.13
15	GENERATOR	2	151.13
16	GENERATOR	2	151.13
17	GENERATOR	2	151.13
18	GENERATOR	2	151.13
19	GENERATOR	2	151.13
20	GENERATOR	2	151.13
21	GENERATOR	2	151.13
22	GENERATOR	2	151.13
23	GENERATOR	2	151.13
24	GENERATOR	2	151.13
25	GENERATOR	2	151.13
26	GENERATOR	2	151.13
27	GENERATOR	2	151.13
28	GENERATOR	2	151.13
29	GENERATOR	2	151.13
30	GENERATOR	2	151.13
31	GENERATOR	2	151.13
32	GENERATOR	2	151.13
33	GENERATOR	2	151.13
34	GENERATOR	2	151.13
35	GENERATOR	2	151.13
36	GENERATOR	2	151.13
37	GENERATOR	2	151.13
38	GENERATOR	2	151.13
39	GENERATOR	2	151.13
40	GENERATOR	2	151.13
41	GENERATOR	2	151.13
42	GENERATOR	2	151.13
43	GENERATOR	2	151.13
44	GENERATOR	2	151.13
45	GENERATOR	2	151.13
46	GENERATOR	2	151.13
47	GENERATOR	2	151.13
48	GENERATOR	2	151.13
49	GENERATOR	2	151.13
50	GENERATOR	2	151.13

- NOTES:-
1. ALL DIMENSION ARE IN MM AND LEVELS ARE IN METRES.
 2. ALL ELEVATION MARKED ARE W.R.T. TO HALL FINISHED FLOOR ELEVATION OF EL. 0.00M WHICH CORRESPONDS TO RL 72.3M.
 3. CABLE DUCT/TRENCH/SUIT LAYOUT IS SHOWN FOR REPRESENTATION PURPOSE ONLY. FOR DETAILS REFER ELECTRICAL DRAWING.

LEGENDS

[Symbol]	PERF. MATCH
[Symbol]	VERTICAL BRACING
[Symbol]	FIRE ROOF DOOR
[Symbol]	GRATING
[Symbol]	CHECKERED PLATE
[Symbol]	REINFORCE
[Symbol]	HAND RAILING
[Symbol]	CABLE TRAY
[Symbol]	FIRE BARRETT WALL
[Symbol]	INDICATOR RESPONSIBLE INSITE
[Symbol]	ROLLING SHUTTER
[Symbol]	RAIL TRACK
[Symbol]	PROTECTIVE WALL
[Symbol]	PROTECTIVE WALL INSITE
[Symbol]	PROTECTIVE WALL INSITE
[Symbol]	BIG DUCT
[Symbol]	WALK WAY
[Symbol]	CONCRETE

REFERENCE DRS

Sl. No.	TITLE	NUMBER	DATE
1	1. GENERAL ARRANGEMENT	PC-00-008-100-0001	20/01/2020
2	2. GENERAL PLAN AT EL. 0.0 M	PC-00-008-100-0002	20/01/2020
3	3. GENERAL PLAN AT INSTALLATION TUBES IN R. 8. M	PC-00-008-100-0003	20/01/2020
4	4. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
5	5. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
6	6. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
7	7. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
8	8. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
9	9. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
10	10. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
11	11. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
12	12. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
13	13. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
14	14. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
15	15. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
16	16. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
17	17. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
18	18. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
19	19. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
20	20. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
21	21. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
22	22. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
23	23. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
24	24. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
25	25. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
26	26. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
27	27. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
28	28. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
29	29. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
30	30. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
31	31. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
32	32. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
33	33. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
34	34. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
35	35. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
36	36. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
37	37. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
38	38. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
39	39. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
40	40. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
41	41. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
42	42. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
43	43. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
44	44. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
45	45. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
46	46. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
47	47. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
48	48. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
49	49. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020
50	50. 1.2 CROSS SECTION	PC-00-008-100-0007	20/01/2020

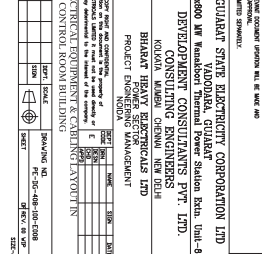
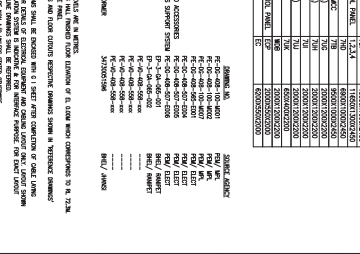
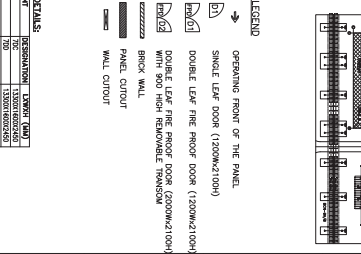
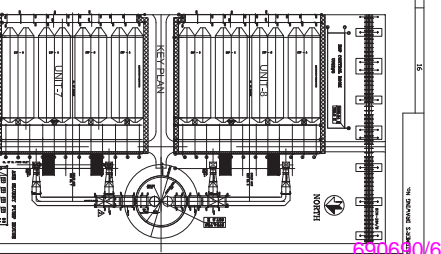
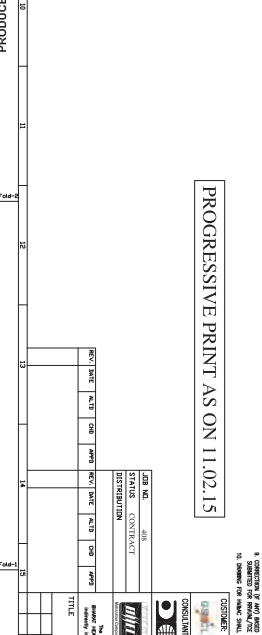
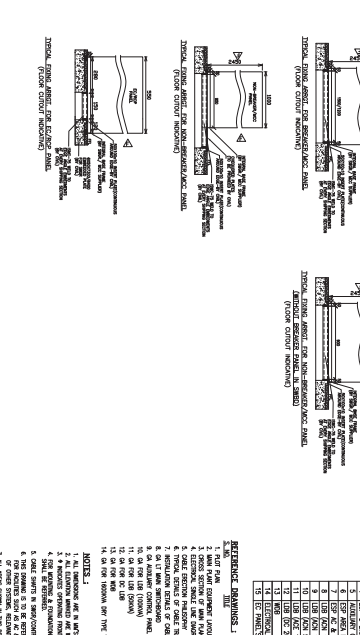
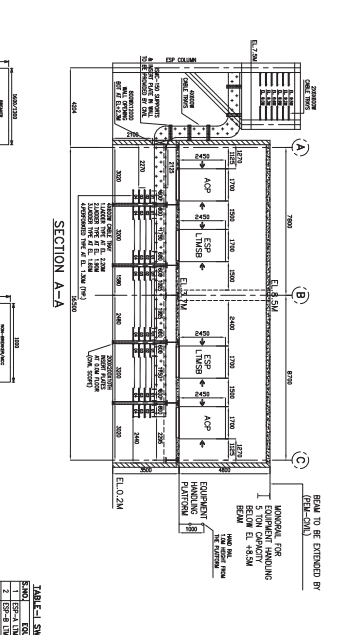
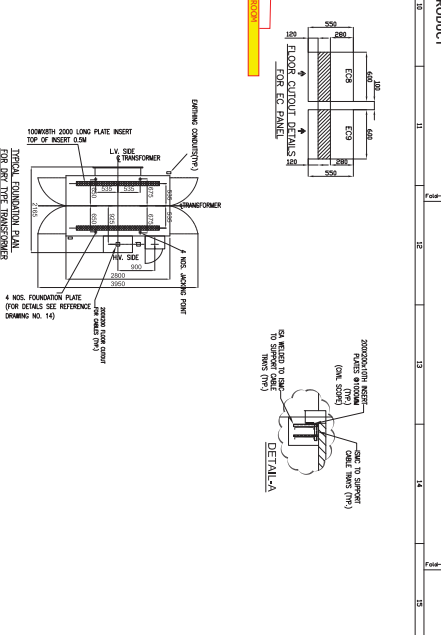
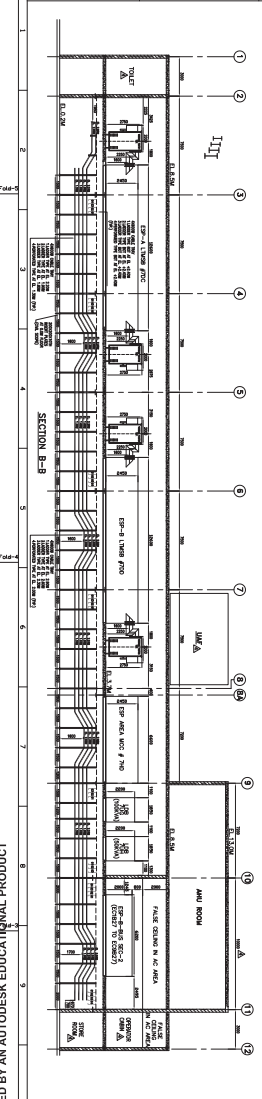
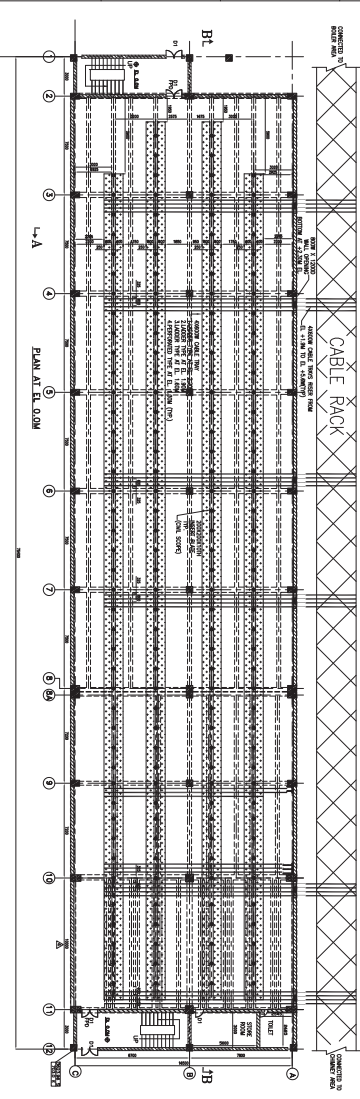
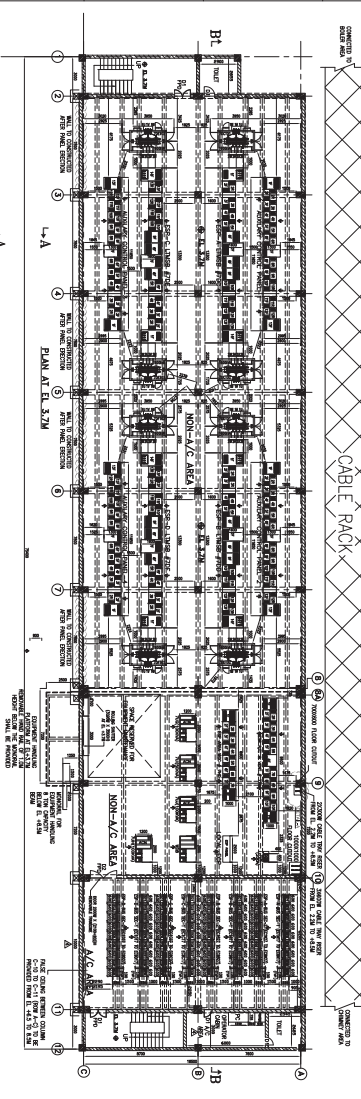
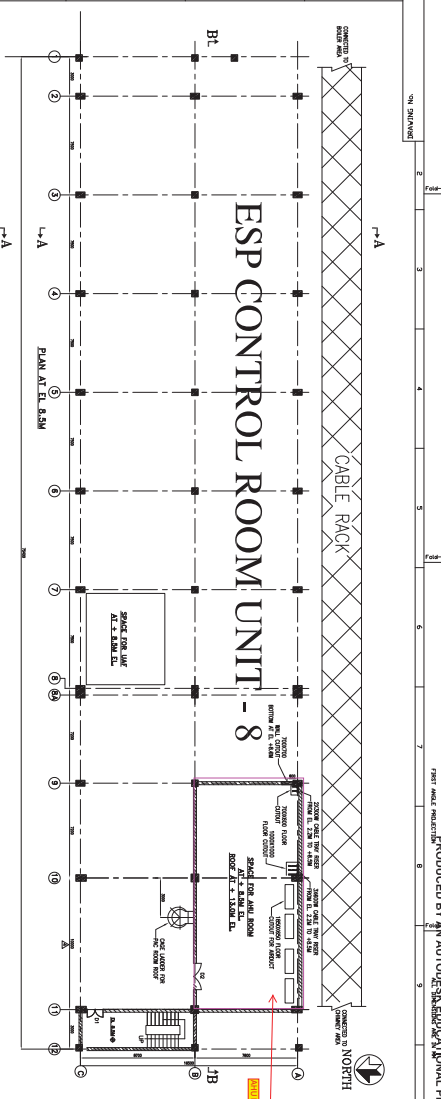
PROJECT INFORMATION

Sl. No.	DESCRIPTION	DATE
1	PRELIMINARY	20/01/2020
2	REVISED	20/01/2020
3	REVISED	20/01/2020
4	REVISED	20/01/2020
5	REVISED	20/01/2020
6	REVISED	20/01/2020
7	REVISED	20/01/2020
8	REVISED	20/01/2020
9	REVISED	20/01/2020
10	REVISED	20/01/2020
11	REVISED	20/01/2020
12	REVISED	20/01/2020
13	REVISED	20/01/2020
14	REVISED	20/01/2020
15	REVISED	20/01/2020
16	REVISED	20/01/2020
17	REVISED	20/01/2020
18	REVISED	20/01/2020
19	REVISED	20/01/2020
20	REVISED	20/01/2020
21	REVISED	20/01/2020
22	REVISED	20/01/2020
23	REVISED	20/01/2020
24	REVISED	20/01/2020
25	REVISED	20/01/2020
26	REVISED	20/01/2020
27	REVISED	20/01/2020
28	REVISED	20/01/2020
29	REVISED	20/01/2020
30	REVISED	20/01/2020
31	REVISED	20/01/2020
32	REVISED	20/01/2020
33	REVISED	20/01/2020
34	REVISED	20/01/2020
35	REVISED	20/01/2020
36	REVISED	20/01/2020
37	REVISED	20/01/2020
38	REVISED	20/01/2020
39	REVISED	20/01/2020
40	REVISED	20/01/2020
41	REVISED	20/01/2020
42	REVISED	20/01/2020
43	REVISED	20/01/2020
44	REVISED	20/01/2020
45	REVISED	20/01/2020
46	REVISED	20/01/2020
47	REVISED	20/01/2020
48	REVISED	20/01/2020
49	REVISED	20/01/2020
50	REVISED	20/01/2020

CLIENT: GUJARAT STATE ELECTRICITY CORPORATION LTD
 PROJECT: 1800 MW Maharashtra Development Project, Gujarat State Station Kath. Unit-8
 CONSULTANT: DEVELOPMENT CONSULTANTS PVT. LTD.
 PROJECT MANAGER: BHARAT ELECTRICALS LTD
 PROJECT ENGINEER: BHARAT ELECTRICALS LTD

DATE: 20/01/2020
 SCALE: 1:500
 SHEET NO: 15 OF 100

Copyright © 2008 Autodesk, Inc. All rights reserved. The information on this document is the property of Autodesk Heavy Electricals Limited. It must not be used directly or indirectly in any manner to the interest of the company.



PROGRESSIVE PRINT AS ON 11.02.15

DATE	BY	CHKD	APPD	STATUS	CONTRACT
15/02/15	DISTRIBUTION	...
...

PROGRESSIVE PRINT AS ON 11.02.15

GUARANTY STATE ELECTRICAL CORPORATION LTD
 15800 WJ Wankarshi Thermal Power Station Baka, Unit-8
 CONSULTING ENGINEERS
 PROJECT ENGINEER: ...
 PROJECT MANAGER: ...

REFERENCE DRAWINGS:

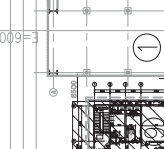
NO.	DESCRIPTION	DATE
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50

LEGEND

→ OPENING FRONT OF THE PANEL
 □ DOUBLE LEAF FIRE PROOF DOOR (1200x2100)
 □ DOUBLE LEAF FIRE PROOF DOOR (2000x2100)
 □ DOUBLE LEAF FIRE PROOF DOOR (2000x2100) WITH 900 HIGH REMOVABLE TRANSOM
 ▨ BRICK WALL
 ▩ PANEL WALL
 - - - - - WALL CIRCUIT

659/0975

N=200.000



117.25N

KEY PLAN

SERVICE BUILDING

NORTH

NOTES:-

1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
2. ALL ELEVATIONS ARE REFERRED TO POWER HOUSE FINISHED FLOOR LEVEL ELEVATION EL(+0.00) WHICH CORRESPONDS TO RL 72.3M.
3. UNLESS NOTED OTHERWISE WINDOW / DOOR / ROLLING SHUTTER LOCATION SHALL BE AS SHOWN ON THIS DRAWING.
4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.

REFERENCE DRESS:-

1. PE-01-01 - PLOT PLAN

STANDARD DRESS:-

1. PE-01-01-01 - ARCHITECTURAL STANDARD DETAILS
2. PE-01-01-02 - ARCHITECTURAL STANDARD DETAILS OF WINDOWS, VENTILATORS & PARTITION
3. PE-01-01-03 - ARCHITECTURAL STANDARD DETAILS OF DOORS & ROLLING SHUTTERS

ARCHITECTURAL DRESS:-

1. PE-01-01-01-01 - ARCHITECTURAL PLAN AT (+0.00) M LVL
2. PE-01-01-01-02 - ARCHITECTURAL PLAN AT (+0.30) M LVL
3. PE-01-01-01-03 - ARCHITECTURAL PLAN AT (+0.60) M LVL
4. PE-01-01-01-04 - ARCHITECTURAL PLAN AT (+0.90) M LVL
5. PE-01-01-01-05 - ARCHITECTURAL PLAN AT (+1.20) M LVL
6. PE-01-01-01-06 - ARCHITECTURAL PLAN AT (+1.50) M LVL
7. PE-01-01-01-07 - ARCHITECTURAL PLAN AT (+1.80) M LVL
8. PE-01-01-01-08 - ARCHITECTURAL PLAN AT (+2.10) M LVL
9. PE-01-01-01-09 - ARCHITECTURAL PLAN AT (+2.40) M LVL
10. PE-01-01-01-10 - ARCHITECTURAL PLAN AT (+2.70) M LVL

STRUCTURAL DRESS:-

1. PE-01-01-01-11 - SERVICE BLDG - GA & RC DETAILS OF COLUMN
2. PE-01-01-01-12 - SERVICE BLDG - GA & RC DETAILS OF BEAMS & SLAB
3. PE-01-01-01-13 - SERVICE BLDG - GA & RC DETAILS OF WALL
4. PE-01-01-01-14 - SERVICE BLDG - GA & RC DETAILS OF FLOOR
5. PE-01-01-01-15 - SERVICE BLDG - GA & RC DETAILS OF ROOF
6. PE-01-01-01-16 - SERVICE BLDG - GA & RC DETAILS OF STAIR
7. PE-01-01-01-17 - SERVICE BLDG - GA & RC DETAILS OF LIFT
8. PE-01-01-01-18 - SERVICE BLDG - GA & RC DETAILS OF SHED
9. PE-01-01-01-19 - SERVICE BLDG - GA & RC DETAILS OF TOWER
10. PE-01-01-01-20 - SERVICE BLDG - GA & RC DETAILS OF TOWER

LEGENDS:-

- CONCRETE WALL
- TOC - TOP OF CONCRETE
- TOP - TOP OF PARTNET
- UNO - UNLESS NOTED OTHERWISE
- EL - ELEVATION
- FLOOR LEVEL
- TYP - TYPICAL

PROJECT ENGINEERING MANAGEMENT (P.E.M.)

ISSUED BY: ALEX BRISOL

DATE: 16/06/2015

GUJARAT STATE ELECTRICITY CORPORATION LIMITED

14800 NW Woodcroft Thane Bore Station Echn. Unit-8

PROJECT CONSULTANTS PVT. LTD.

HEAVY ELECTRICALS LTD

POWER SECTOR ENGINEERING

PROJECT ENGINEER

NEW DELHI

ARCHITECTURAL PLAN AT EL(+0.25 M LVL)

PE-DG-408-640-C002

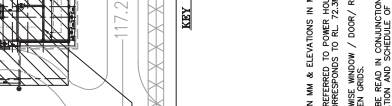
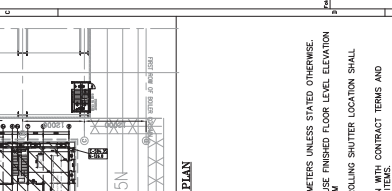
DRAWING NO.

SHEET 1 OF 1

DATE

PROVISIONAL QUANTITIES & APPROXIMATE COST

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100



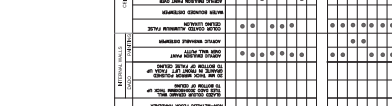
1 PLAN AT EL(+4.250M LVL) (SCALE 1:100)



2 ALUMINIUM GLAZED PARTITION DETAIL (TYP) (SCALE 1:50)

DOOR / WINDOW OPENINGS SCHEDULE

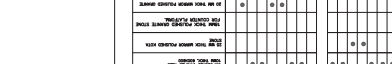
SYMBOL	SILL LVL. AT EL.	WIDTH	HEIGHT	REMARKS	GLASS
01	(+4.250)	1500	2100	SEAM LESS DOUBLE LEAF FULLY GLAZED DOOR - DOUBLE SHUTTER	10MM THK. CLEAR GLASS
02	(+4.250)	1200	2100	ALUMINIUM FRAME WITH PARTLY GLAZED DOOR - SINGLE SHUTTER	10MM THK. CLEAR GLASS
03	(+4.250)	1200	2100	ALUMINIUM FRAME WITH PARTLY GLAZED DOOR - SINGLE SHUTTER	10MM THK. CLEAR GLASS
04	(+4.250)	900	2100	ALUMINIUM FRAME WITH PARTLY GLAZED DOOR WITH 20MM THK. CLEAR GLASS	10MM THK. CLEAR GLASS
05	(+4.250)	900	2100	MARKER PLY BATH SIZE LAMINATION DOOR - SINGLE SHUTTER	10MM THK. CLEAR GLASS
06	(+4.250)	900	2100	MARKER PLY BATH SIZE LAMINATION DOOR - SINGLE SHUTTER FOR HANDICAPPED TOILET	10MM THK. CLEAR GLASS
07	(+4.250)	1200	2100	STEEL FRAME SINGLE SHUTTER	10MM THK. CLEAR GLASS
08	(+4.250)	1500	2100	STEEL FRAME DOUBLE SHUTTER	10MM THK. CLEAR GLASS
09	(+4.250)	1500	2100	ALUMINIUM FRAMED GLAZED OPERABLE WINDOWS	10MM THK. CLEAR GLASS
10	(+4.250)	1500	2100	ALUMINIUM FRAMED GLAZED OPERABLE WINDOWS	10MM THK. CLEAR GLASS
11	(+4.250)	1500	2100	ALUMINIUM FRAMED GLAZED OPERABLE WINDOWS	10MM THK. CLEAR GLASS
12	(+4.250)	1500	2100	ALUMINIUM FRAMED LOUVERED VENTILATOR	10MM THK. CLEAR GLASS
13	(+4.250)	1500	2100	ALUMINIUM FRAMED LOUVERED VENTILATOR	10MM THK. CLEAR GLASS
14	(+4.250)	600	600	POWER COATED ALUMINIUM FRAMED VENTILATOR	10MM THK. CLEAR GLASS
15	(+4.250)	300P	300P	EXHAUST FAN	



STAIRCASE 0.0M TO 17.0M



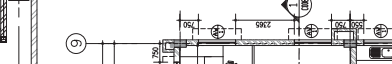
STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



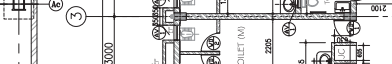
STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



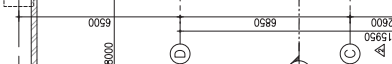
STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



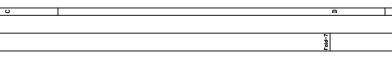
STAIRCASE 0.0M TO 17.0M



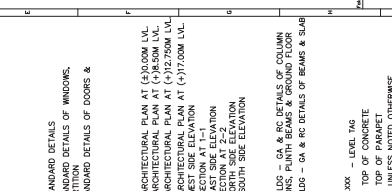
STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



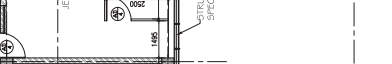
STAIRCASE 0.0M TO 17.0M



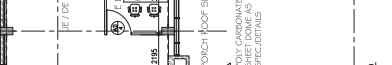
STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



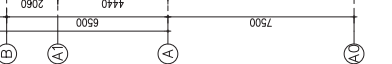
STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M



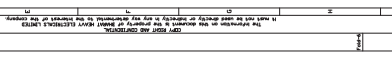
STAIRCASE 0.0M TO 17.0M

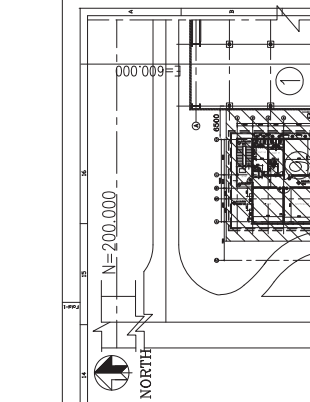


STAIRCASE 0.0M TO 17.0M



STAIRCASE 0.0M TO 17.0M





NOTES:-

1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
2. ALL ELEVATIONS ARE REFERRED TO POWER HOUSE FINISHED FLOOR LEVEL ELEVATION.
3. ALL DIMENSIONS TO BE AS SHOWN UNLESS OTHERWISE NOTED.
4. THIS DRAWING SHALL BE READ IN CONNECTION WITH CONTRACT TERMS AND CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.

REFERENCE DRGS.:-

1. PE-00-408-100-A001 - PLOT PLAN

STANDARD DRGS.:-

1. PE-00-408-600-0005 - ARCHITECTURAL STANDARD DETAILS
2. PE-00-408-600-0006 - ARCHITECTURAL STANDARD DETAILS OF WINDOWS, VENTILATORS & PARTITION
3. PE-00-408-600-0007 - ARCHITECTURAL STANDARD DETAILS OF DOORS & ROLLING SHUTTERS

ARCHITECTURAL DRGS.:-

1. PE-00-408-440-0001 - SERVICE BUILDING - ARCHITECTURAL PLAN AT (+0.000) M LVL.
2. PE-00-408-440-0002 - SERVICE BUILDING - ARCHITECTURAL PLAN AT (+) 4.2M LVL.
3. PE-00-408-440-0003 - SERVICE BUILDING - ARCHITECTURAL PLAN AT (+) 12.750M LVL.
4. PE-00-408-440-0004 - SERVICE BUILDING - ARCHITECTURAL PLAN AT (+) 17.000M LVL.
5. PE-00-408-440-0007 - SERVICE BUILDING - WEST SIDE ELEVATION
6. PE-00-408-440-0008 - SERVICE BUILDING - WEST SIDE ELEVATION
7. PE-00-408-440-0009 - SERVICE BUILDING - SECTION AT 1-1
8. PE-00-408-440-0010 - SERVICE BUILDING - SECTION AT 2-2
9. PE-00-408-440-0011 - SERVICE BUILDING - NORTH SIDE ELEVATION
10. PE-00-408-440-0012 - SERVICE BUILDING - SOUTH SIDE ELEVATION

STRUCTURAL DRGS.:-

1. PE-00-408-440-0016 TO 0019 - SERVICE BLDG - GA & RC DETAILS OF COLUMN & FOUNDATIONS, FLOOR BEAMS & GROUND FLOOR
2. PE-00-408-440-0020 TO 0023 - SERVICE BLDG - GA & RC DETAILS OF BEAMS & SLAB

LEGENDS:-

CONCRETE HIGH
 - BRICK WALL
 - CENTER LINE
 - EXHAUST FAN
 - FINISH LINE
 - FINISHED FLOOR LEVEL
 - TYP - TYPICAL

LEVEL TAG
 - TOP OF CONCRETE
 - FINISH FLOOR LEVEL
 - UNO - UNLESS NOTED OTHERWISE
 - ASP - ALUMINUM GLAZED PARTITION

PROJECT ENGINEERING MANAGEMENT (P.E.M.) IS REQUIRED FOR:

- CONSTRUCTION
- PLANNING/PERFORMANCE

STAMP ALL PREVIOUS REVISIONS AS SUPERSEDED

ISSUED BY: ALEX BENDAL
 DATE: 18/06/2019

GUJARAT STATE ELECTRICITY CORPORATION LIMITED
 18000 MW Work Order No. 18000/2018-19, Gujarat Station Esh. Unit-8

PROJECT ENGINEERING MANAGEMENT (P.E.M.)
 POWER SECTOR CONSULTING ENGINEERS

CLIENT: GUJARAT STATE ELECTRICITY CORPORATION LIMITED
PROJECT: 18000 MW Work Order No. 18000/2018-19, Gujarat Station Esh. Unit-8

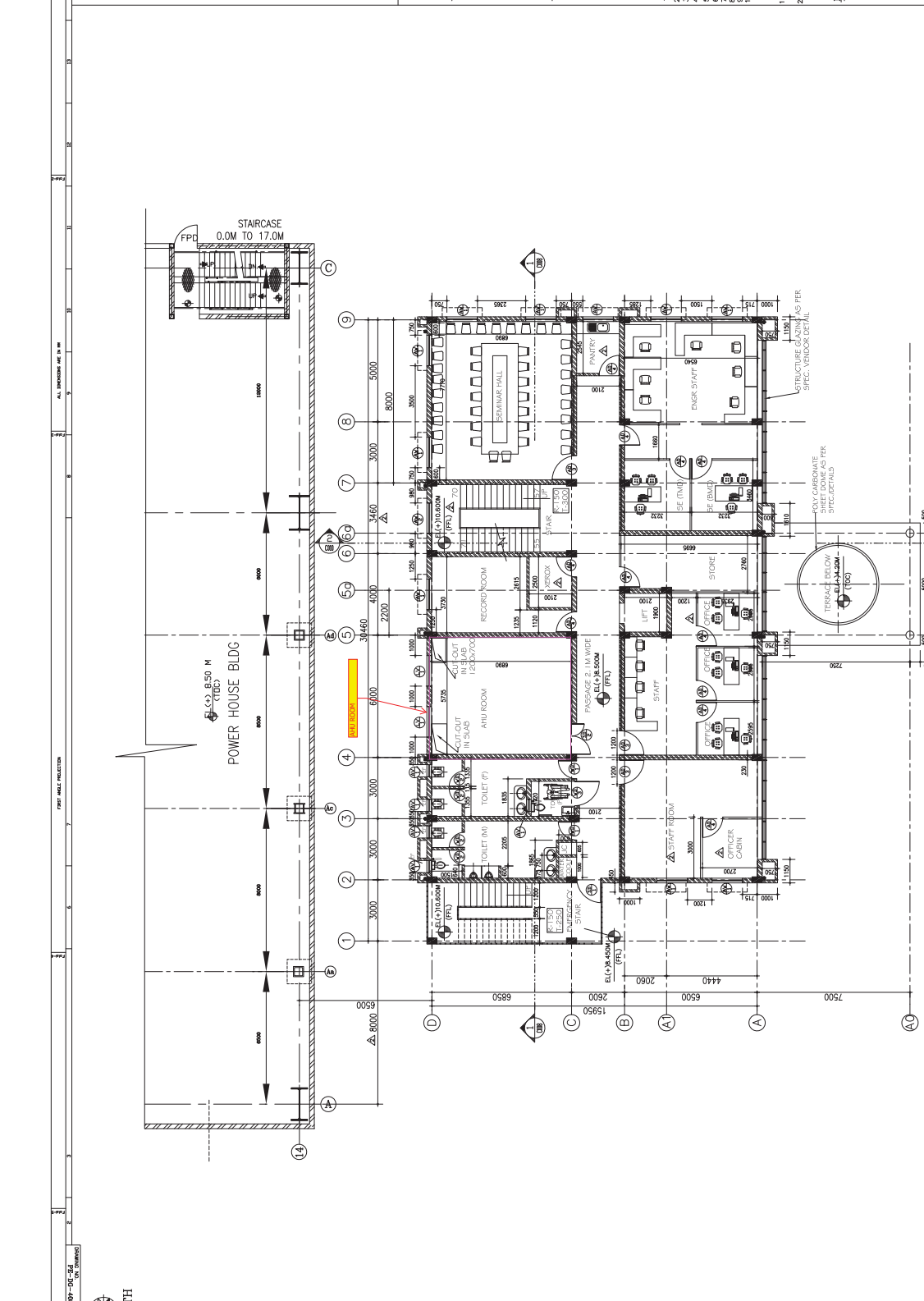
DESIGNER: BHARAT HEAVY ELECTRICALS LTD
PROJECT ENGINEER: ALEX BENDAL
DATE: 18/06/2019

REVISIONS:

NO.	DATE	DESCRIPTION
1	18/06/2019	ISSUED FOR PERMITTING
2	18/06/2019	ISSUED FOR PERMITTING
3	18/06/2019	ISSUED FOR PERMITTING
4	18/06/2019	ISSUED FOR PERMITTING
5	18/06/2019	ISSUED FOR PERMITTING
6	18/06/2019	ISSUED FOR PERMITTING
7	18/06/2019	ISSUED FOR PERMITTING
8	18/06/2019	ISSUED FOR PERMITTING
9	18/06/2019	ISSUED FOR PERMITTING
10	18/06/2019	ISSUED FOR PERMITTING

TITLE: SERVICE BUILDING ARCHITECTURAL PLAN AT EL+08.50 M LVL.

DRAWING NO.: PE-DC-408-644-003
SHEET 1 OF 1 REV 02



1 PLAN AT EL+8.500M LVL.

DOOR/WINDOW OPENINGS SCHEDULE

SYMBOL	No.	REMARKS	GLASS
(A)	01	SEAM LESS DOUBLE LEAF FULLY GLAZED	12MM THK. BMT THK. GLASS
(B)	02	ALUMINUM FRAME WITH PARTLY GLAZED	BMT THK. GLASS
(C)	03	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(D)	04	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(E)	05	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(F)	06	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(G)	07	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(H)	08	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(I)	09	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(J)	10	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(K)	11	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(L)	12	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(M)	13	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(N)	14	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(O)	15	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(P)	16	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(Q)	17	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(R)	18	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(S)	19	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(T)	20	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(U)	21	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(V)	22	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(W)	23	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(X)	24	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(Y)	25	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(Z)	26	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AA)	27	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AB)	28	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AC)	29	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AD)	30	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AE)	31	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AF)	32	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AG)	33	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AH)	34	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AI)	35	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AJ)	36	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AK)	37	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AL)	38	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AM)	39	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AN)	40	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AO)	41	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AP)	42	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AQ)	43	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AR)	44	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AS)	45	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AT)	46	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AU)	47	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AV)	48	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AW)	49	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AX)	50	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AY)	51	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(AZ)	52	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BA)	53	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BB)	54	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BC)	55	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BD)	56	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BE)	57	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BF)	58	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BG)	59	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BH)	60	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BI)	61	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BJ)	62	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BK)	63	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BL)	64	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BM)	65	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BN)	66	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BO)	67	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BP)	68	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BQ)	69	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BR)	70	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BS)	71	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BT)	72	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BU)	73	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BV)	74	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BW)	75	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BX)	76	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BY)	77	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(BZ)	78	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CA)	79	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CB)	80	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CC)	81	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CD)	82	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CE)	83	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CF)	84	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CG)	85	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CH)	86	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CI)	87	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CJ)	88	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CK)	89	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CL)	90	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CM)	91	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CN)	92	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CO)	93	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CP)	94	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CQ)	95	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CR)	96	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CS)	97	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CT)	98	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CU)	99	DOOR - SINGLE SHUTTER	BMT THK. GLASS
(CV)	100	DOOR - SINGLE SHUTTER	BMT THK. GLASS

REVISIONS:

NO.	DATE	DESCRIPTION
1	18/06/2019	ISSUED FOR PERMITTING
2	18/06/2019	ISSUED FOR PERMITTING
3	18/06/2019	ISSUED FOR PERMITTING
4	18/06/2019	ISSUED FOR PERMITTING
5	18/06/2019	ISSUED FOR PERMITTING
6	18/06/2019	ISSUED FOR PERMITTING
7	18/06/2019	ISSUED FOR PERMITTING
8	18/06/2019	ISSUED FOR PERMITTING
9	18/06/2019	ISSUED FOR PERMITTING
10	18/06/2019	ISSUED FOR PERMITTING

GUJARAT STATE ELECTRICITY CORPORATION LIMITED
 18000 MW Work Order No. 18000/2018-19, Gujarat Station Esh. Unit-8

PROJECT ENGINEERING MANAGEMENT (P.E.M.)
 POWER SECTOR CONSULTING ENGINEERS

CLIENT: GUJARAT STATE ELECTRICITY CORPORATION LIMITED
PROJECT: 18000 MW Work Order No. 18000/2018-19, Gujarat Station Esh. Unit-8

DESIGNER: BHARAT HEAVY ELECTRICALS LTD
PROJECT ENGINEER: ALEX BENDAL
DATE: 18/06/2019

REVISIONS:

NO.	DATE	DESCRIPTION
1	18/06/2019	ISSUED FOR PERMITTING
2	18/06/2019	ISSUED FOR PERMITTING
3	18/06/2019	ISSUED FOR PERMITTING
4	18/06/2019	ISSUED FOR PERMITTING
5	18/06/2019	ISSUED FOR PERMITTING
6	18/06/2019	ISSUED FOR PERMITTING
7	18/06/2019	ISSUED FOR PERMITTING
8	18/06/2019	ISSUED FOR PERMITTING
9	18/06/2019	ISSUED FOR PERMITTING
10	18/06/2019	ISSUED FOR PERMITTING

TITLE: SERVICE BUILDING ARCHITECTURAL PLAN AT EL+08.50 M LVL.

DRAWING NO.: PE-DC-408-644-003
SHEET 1 OF 1 REV 02

