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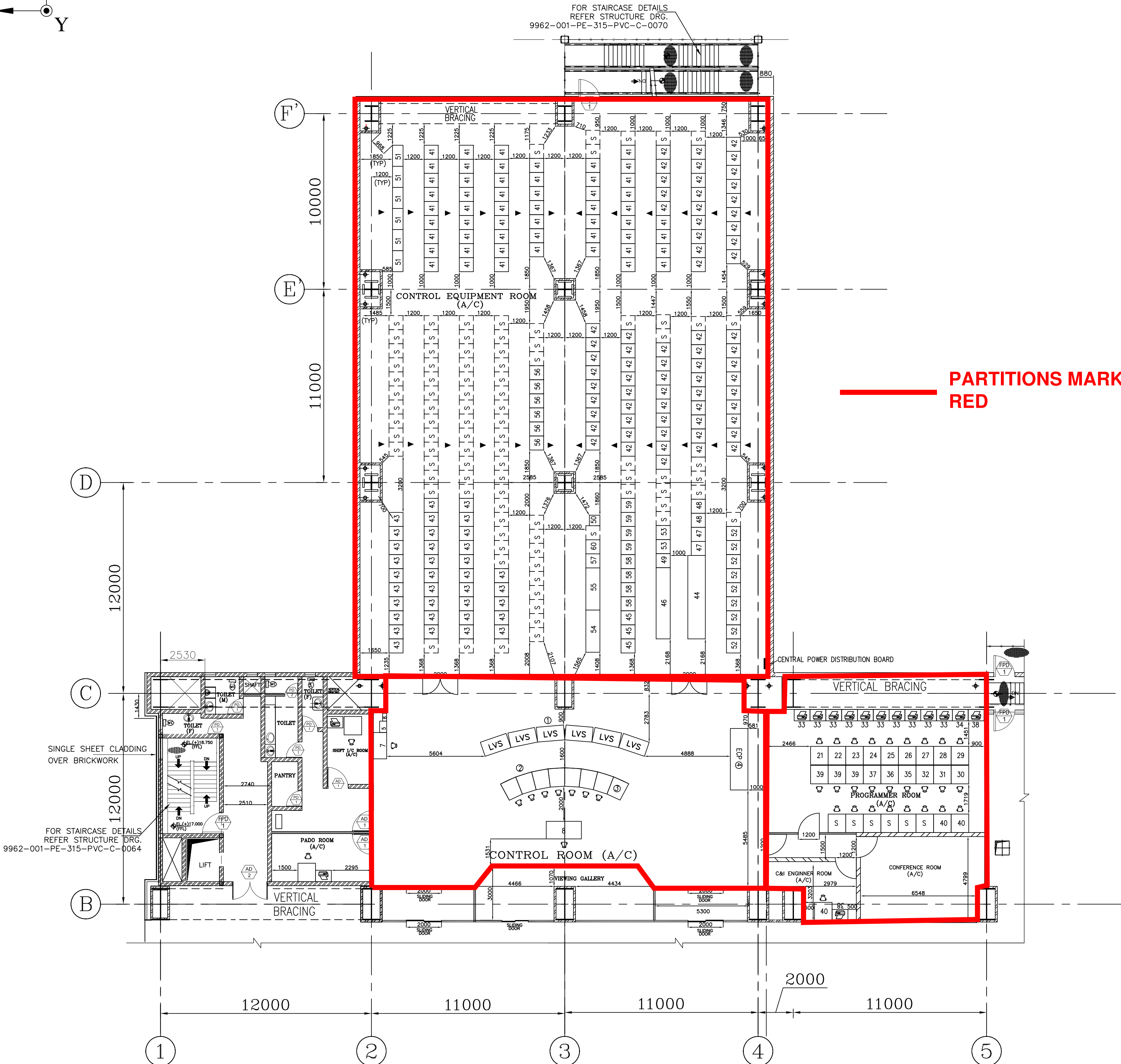
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NORTH

FOR STAIRCASE DETAILS
REFER STRUCTURE DRG.
9962-001-PE-315-PVC-C-0064

LEGEND:-
BRICK WALL
GLASS PARTITION

NOTES:-
1. ALL DIMENSIONS ARE IN mm AND TENTATIVE.
2. QTY. OF PANELS IS TENTATIVE.
3. SLIDING DOORS SHALL BE PROVIDED.
4. FOR COMMON CONTROL BUILDING, DOUBLE GLAZED WALL PANELS WITH ALUMINUM FRAME SHALL BE PROVIDED BETWEEN AIR-CONDITIONED AND NON AIR-CONDITIONED AREAS AND ON THE SIDE OF CONTROL ROOM AND CONTROL EQUIPMENT ROOM(S) FACING THE OPERATING FLOOR TO HAVE A CLEAR VIEW.
5. VIEWING GALLERY WILL BE ELEVATED BY 0.5 M. DETAILS OF THE SAME SHALL BE REFLECTED IN "CONTROL TOWER- CONTROL ROOM ARCHITECTURAL DETAILS (9962-001-PE-315-PVC-C-0315)".



PARTITIONS MARKED IN
RED

CENTRAL CONTROL ROOM

S.No.	DESCRIPTION	QTY.	DIMENSION(WxDxH)	SCOPE	REMARKS
1.	LARGE VIDEO SCREEN (67")	05	1640x985x2172	BHEL-EDN	
2.	CONTROL DESK	07	6200x1200x775	BHEL-EDN	
3.	UNIT CONTROL DESK (DRAW OUT TYPE)	01	800X1200X775	BHEL-EDN	ALONG WITH CONTROL DESK
4.	ELECTRICAL CONTROL PANEL	01	3500X1000X2355	BHEL-EDN	
5.	INERT GAS PANEL	01	650x400x1500	BHEL-PESD	
6.	MAIN FIRE ALARM PANEL	01	445x225x600	BHEL-PESD	
7.	MAIN FIRE ALARM PC & PRINTER	01	1500x750x735	BHEL-PESD	
8.	SHIFT IN-CHARGE PC	01	2000x1000x775	BHEL-EDN	

PROGRAMMER ROOM

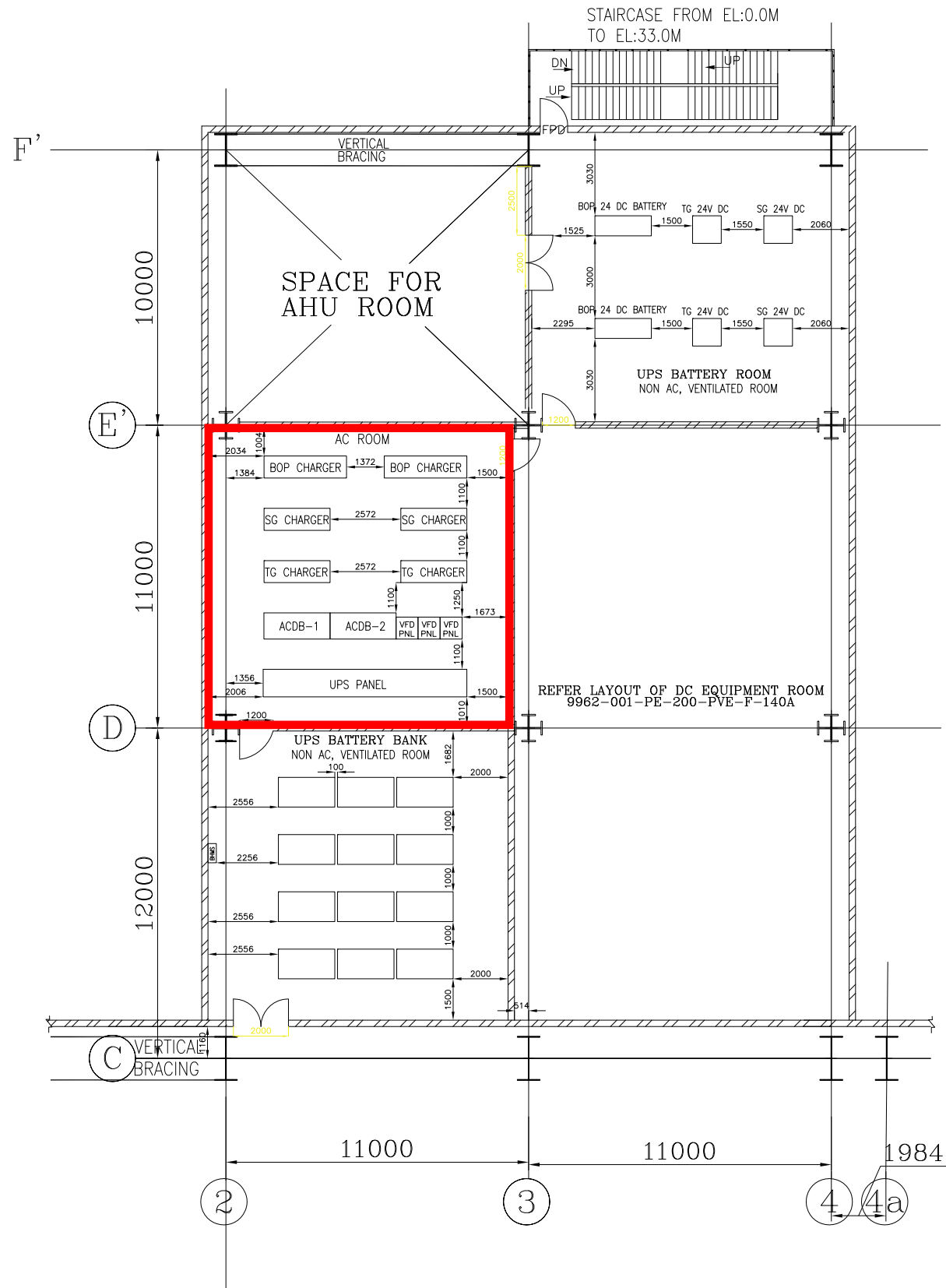
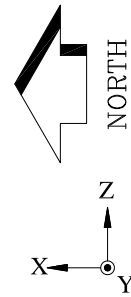
S.No.	DESCRIPTION	QTY.	DIMENSION(WxDxH)	SCOPE	REMARKS
21.	ENGINEERING ACTIVITY SERVER (EAS)	01	1000x1050x750	BHEL-EDN	
22.	ENGINEERING ACTIVITY CLIENT (EAC)	01	1000x1050x750	BHEL-EDN	
23.	INFO SERVER	01	1000x1050x750	BHEL-EDN	
24.	INFO SERVER	01	1000x1050x750	BHEL-EDN	
25.	OPC PC	01	1000x1050x750	BHEL-EDN	
26.	PEFORMANCE CALCULATION PC	01	1000x1050x750	BHEL-EDN	
27.	MIS CLIENT STATION	01	1000x1050x750	BHEL-EDN	
28.	MIS CLIENT STATION PRINTER	01	900x650x750	BHEL-EDN	
29.	STATION LAN SERVER	01	1000x1050x750	BHEL-EDN	
30.	PADO OWS	01	1000x1050x750	BHEL-EDN	
31.	PADO OPTIMIZATION SERVER	01	1000x1050x750	BHEL-EDN	
32.	PADO I/F PC	01	1000x1050x750	BHEL-EDN	
33.	LASERJET PRINTER (A3, COLOR)	10	900x650x750	BHEL-EDN	
34.	PADO PRINTER	01	900x650x750	BHEL-EDN	
35.	SAS PC	01	1000x1050x750	BHEL-TBG	
36.	VMS SERVER PC	01	1000x1050x750	BHEL-EDN	
37.	VMS CLIENT PC	01	1000x1050x750	BHEL-EDN	
38.	VMS LASERJET PRINTER (A3 SIZE)	01	900x650x750	BHEL-EDN	
39.	CIM I/O STATION	03	1000x1050x750	BHEL-EDN	
40.	NETWORK ATTACHED STORAGE (NAS)	02	1000x1050x750	BHEL-EDN	
41.	HV DATA CONCENTRATOR WITH PRINTER	01	1000x1050x750	BHEL-EDN	
42.	LV DATA CONCENTRATOR WITH PRINTER	01	1000x1050x750	BHEL-EDN	
43.	EWS FOR GRP RELAY WITH PRINTER	01	1500x750x735	BHEL-EDN	

CONTROL EQUIPMENT ROOM

S.No.	DESCRIPTION	QTY.	DIMENSION(WxDxH)	SCOPE	REMARKS
41.	SG C&I PANELS	58	800x800x2415	BHEL-EDN	
42.	BOP C&I PANELS	68	800x800x2415	BHEL-EDN	
43.	TG C&I PANELS	35	800x800x2415	BHEL-EDN	
44.	GRP	01	4750x1000x2295	BHEL-BPL	
45.	BUS TRANSFER PANEL	02	800x800x2355	BHEL-BPL	
46.	AVR	01	4053x800x2295	BHEL-EDN	
47.	DATA CONCENTRATOR-LV	02	800x800x2315	BHEL-BPL	
48.	DATA CONCENTRATOR-MV	02	800x800x2315	BHEL-BPL	
49.	T&AVT PANEL (CFA01)	01	800x800x2415	BHEL-EDN	
50.	CENTRAL EXCHANGE FOR PA SYSTEM	01	600x600x2270	BHEL-PEM	
51.	GRAVIMETRIC FEEDER PANEL	06	1200x600x2415	BHEL-TRY	
52.	NETWORK PANELS	08	800x800x2415	BHEL-EDN	
53.	ELE. INTERFACE SYS (EIS-CYJ01)	01	800x800x2415	BHEL-EDN	
	ELE. INTERFACE SYS (EIS-CYJ02)	01	800x800x2415	BHEL-EDN	
54.	ACDB-1	01	2400x800x2240	BHEL-EDN	
55.	ACDB-2	01	2400x800x2240	BHEL-EDN	
56.	VMS	06	800x800x2415	BHEL-EDN	
57.	GPS/MASTER CLOCK	01	800x800x2415	BHEL-EDN	
58.	HART MANAGEMENT SYSTEM	04	800x800x2415	BHEL-EDN	
59.	IPR PANEL	04	800x800x2415	BHEL-EDN	
60.	SAS PANEL	01	800x800x2415	BHEL-TBG	
S	SPARE SPACE				

NTPC DRG. No. 9962-001-PE-405-PVI-F-002				REV. 02
PROJECT:	1 X 660MW PANKI THERMAL POWER EXTENSION PROJECT.			
OWNER:	UTTAR PRADESH RAJYA VIDYUT UTPADAN NIGAM LTD.			
REVIEW CONSULTANT:	NTPC LTD. (A GOVERNMENT OF INDIA ENTERPRISE)			
CONSULTANT:	DEVELOPMENT CONSULTANTS PVT. LTD. KOLKATA			
EPC CONTRACTOR:	BHARAT HEAVY ELECTRICALS LTD.			
BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA				DEPT CODE I NAME GA SIGN -sd- DATE 22.12.2018 DESIGN GA SIGN -sd- DATE 22.12.2018 APPD SM SIGN -sd- DATE 22.12.2018
TITLE CCR/CER/COMPUTER ROOM LAYOUT (EL. 17.0M)				
				DEPT. SCALE NTS SIGN
				DRAWING NO. PE-DG-426-145-I401 SHEET 01 OF 01 REV. 03

REV.	DATE	ALTD	CHD	APPD	JOB NO.	426			
03	31.01.20	RINKY	SS/SSB	SM	STATUS	CONTRACT			
01	THE DOCUMENT IS REVISED IN LINE WITH THE NTPC COMMENTS DTD 24.12.19 VIDE LTR REF NO. 405/5700.								
DISTRIBUTION									
REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD
02	05.12.19	RINKY	SS/SSB	SM	01	22.10.19	RINKY	SS/SSB	SM
01	THE DOCUMENT IS REVISED IN LINE WITH THE NTPC COMMENTS DTD 05.11.19 VIDE LTR REF NO. 405/4942.				01	THE DOCUMENT IS REVISED IN LINE WITH THE NTPC COMMENTS DTD 07.01.19 VIDE LTR REF NO. 405/1114.			
					02	THE DOCUMENT IS REVISED IN LINE WITH THE DCPL COMMENTS DTD 18.01.19 VIDE LTR REF NO. 0316.			



EQUIPMENTS AT 8.5 MTR.

DESCRIPTION	QTY	DIM (WxDxH)	SCOPE
UPS PANEL	01	7400x1000x2135	EDN
24V DC CHARGER, DCDB (BOP)	02	3000x800x2000	EDN
24V DC CHARGER, DCDB (SG)	02	2400x800x2000	EDN
ACDB PANEL	02	2400x950x2000	EDN
UPS BATTERY BANK	12	2050x1080x682	EDN
24V DC BATTERY (BOP)	2 SET	2050x728x682	EDN
24V DC BATTERY (SG)	2 SET	1040x1000x682	EDN
24V DC BATTERY (TG)	2 SET	1040x1000x682	EDN
BATTERY HEALTH MONITORING SYSTEM	01	700x300x1400	EDN
VFD PANELs	03	800x800x2135	TRY

NOTES:

- ALL DIMENSIONS ARE IN mm AND TENTATIVE.
- DOORS AND WALLS SHALL BE CONSTRUCTED AFTER BATTERY INSTALLATION.

REF.DRG.:

- T.G. HALL EQUIPMENT LAYOUT PLAN AT 8.5M FLOOR DRG. NO. PE-DG-426-100-M004
NTPC DRG. NO. (9962-001-PE-110-PVM-F-050)

LEGENDS:

BRICK WALL

NTPC DRG. No. 9962-001-PE-110-PVI-F-340		REV. 00
PROJECT:	1 X 660MW PANKI THERMAL POWER EXTENSION PROJECT.	
OWNER:	UTTAR PRADESH RAJYA VIDYUT UTPADAN NIGAM LTD.	
REVIEW CONSULTANT:	NTPC LTD. (A GOVERNMENT OF INDIA ENTERPRISE)	
CONSULTANT:	DEVELOPMENT CONSULTANTS PVT. LTD. KOLKATA	
DRG CONTRACTOR:	BHARAT HEAVY ELECTRICALS LTD.	
JOB NO. 426	STATUS CONTRACT	DISTRIBUTION
REV. DATE	ALT. CHD. APPD.	DEPT. SCALE NTS
BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA		DEPT. SCALE NTS SIGN
TITLE UPS / 24V CHARGER & BATTERY ROOM LAYOUT		DRAWING NO. PE-DG-426-145-1405
SHEET 01 OF 01		REV. 00