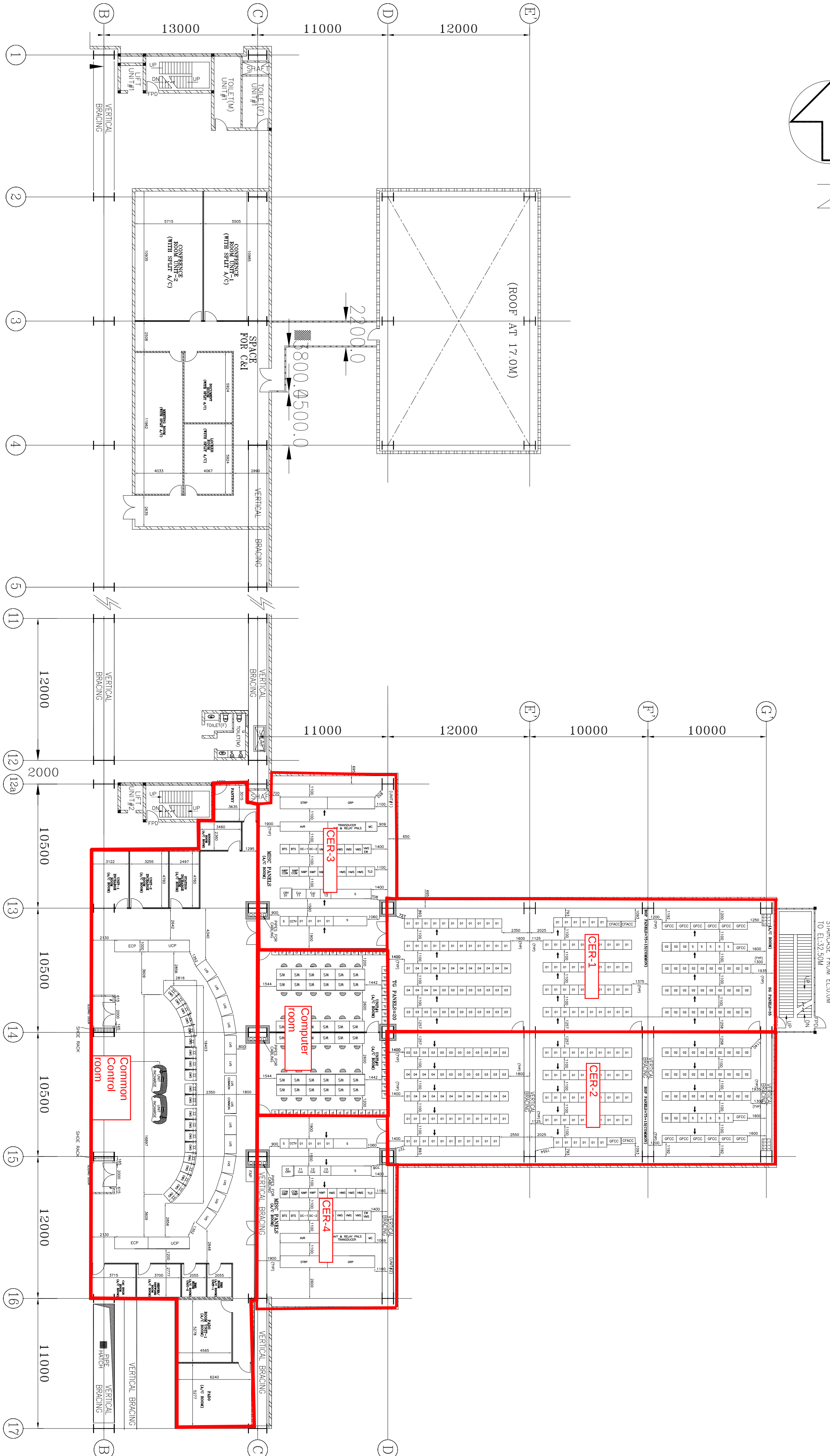
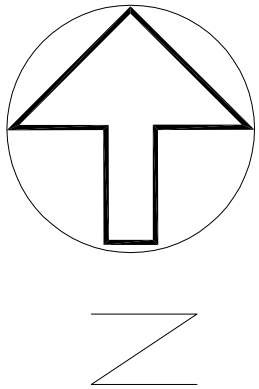




EL : 17M

NOTE:-

1. ALL DIMENSIONS ARE IN MM AND ELEVATIONS IN METER.
2. DOORS AND WALLS SHALL BE CONSTRUCTED AFTER PANEL INSTALLATION.
3. 10-NDS 40° LEYS/4 PER UNIT & 2 COMMON) SHALL BE INSTALLED IN CONTROL ROOM FROM FALSE CEILING.
4. CIVIL TO CONSIDER PROVISION OF ANCHORING OF LEYS FROM FALSE CEILING.
5. THE CLEAR HEIGHT OF THE CONTROL ROOM BETWEEN FLOOR AND FALSE CEILING SHALL BE MINIMUM 3.6 MTR. CONSIDERING LVS & LCD.
6. PEN-CVL TO CONSIDER THE REQUIREMENT OF COVERING THE COLUMNS & BRACING.
7. ENTRANCE DOOR SHALL BE AIR LOCKED HAVING AUTOMATIC SLIDING FEATURES.
8. AIR CURTAINS SHALL BE PROVIDED AT ENTRANCE GATE.
9. UNUSED CUTOUPS SHALL BE COVERED WITH CHEQUERED PLATES AFTER ERECTION OF ALL PANELS.
10. WALL THICKNESS IS CONSIDERED TO BE 230mm, INNER WALLS ARE CONSIDERED TO BE 115mm.
11. HEIGHT OF ALL DOORS FOR COR/EEER ENTRANCE SHALL BE 2.4 MTR (DOORS MARKED WITH #) AND DOORS OF OTHER UTILITY ROOM SHALL BE OF 2.1 MTR.
12. S-SPARE SPACE FOR PANEL/ PC/ PRINTER.
13. QUANTITIES & DIMENSIONS OF PANELS/ PC'S/PRINTERS & OTHER EQUIPMENT ARE TENTATIVE.
14. THESE DETAILS SHALL BE UPDATED ON RECEIPT OF INPUTS FROM RESPECTIVE UNITS.
15. 12. PREFIX '10 & 20' SHALL BE CONSIDERED FOR UNIT-1 & 2 RESPECTIVELY.
16. 13. PREFIX '90' SHALL BE CONSIDERED WITH COMMON FOR BOTH THE UNITS.

REF. DRG.

1. TO HALL EQUIPMENT LAYOUT PLAN AT 17.0M FLOOR

PE-DG-412-100-M005

SL. NO.	PANEL	DESCRIPTION	DIMENSIONS (WxDxH)	SCOPE
1.	SG PNL/UNIT	SG DCS PANELS (35 NOS) DENOTED AS '02'	750 x 800 x 2067	EDN
2.	STN C&I PNL /UNIT	STATION C&I DCS PANELS (75 NOS) DENOTED AS '01'	750 x 800 x 2067	EDN
3.	TG PNL/UNIT	COMMON STATION C&I PANELS DENOTED AS '04'	750 x 800 x 2067	EDN
4.	SIEMENS PNL /UNIT	TG DCS PANELS (20 NOS) DENOTED AS '03'	1000 x 900 x 2200	HMR
5.	NWP/UNIT	TG SIEMENS PNL (1 NO) CH11-12	1200 x 800 x 2200	HMR
6.	GPIC	TG SIEMENS PNL (2 NOS) CH11-12	900 x 800 x 2200	EDN
7.	AYR	NETWORK PANEL (3NOS PER UNIT) + (2NOS COMMON)	800 x 800 x 2315	TRY
8.	TID	GRAVIMETRIC PDR PANELS (7 NOS)	1200 x 600 x 2315	TRY
9.	VAS	AYR PANEL (1 NO)	4031 x 800 x 2295	EDN
10.	VASEW	STRAM LEAK DETECTION PNL (1 NO)	800 x 800 x 2315	TRY
11.	DC-1	VIBRATION MONITORING SYSTEM (3 NOS)	800 x 800 x 2415	EDN
12.	DC-2	GEN END HDG VIB MONITORING STS (1 NO)	800 x 800 x 2200	HMR
13.	BTS	MT DATA CONCENTRATOR PANEL (1 NO) DC-1	800 x 800 x 2315	BPL
14.	-	LV DATA CONCENTRATOR PANEL (1 NO) DC-2	800 x 800 x 2315	EDD
15.	HMS	BUS TRANSFER SYSTEM (2 NOS)	800 x 800 x 2355	BPL
16.	GRP	TRANSUDCER, AVT & RELAY PANEL (04 NOS)	800 x 800 x 2415	BPL
17.	STPP	HART MANAGEMENT SYSTEM (04 NOS)	800 x 800 x 2355	EDN
18.	CCTV	GEN/GR/UT PROTECTION PANEL	4000 x 1000 x 2295	BPL
19.	GPACG	STATION PROTECTION PANEL	4000 x 1000 x 2295	EDN
20.	MC	CCTV PANELS	800 x 800 x 2315	EDN
		COAL FLOW ANALYSER CONTROL CABINET (2NOS)	1200 x 500 x 1600	TRY
		MASTER CLOCK	800 x 800 x 2315	EDN

SL. NO.	PANEL	DESCRIPTION	DIMENSIONS (WxDxH)	SCOPE
1.	OWS	OP WORK STN (08NOS & 2NOS COM)	18403 x 2816 x 750	EDN
		-FOR UNIT DOORNS - 08 NOS		
		-FOR TURBINE CONTROL - 02 NOS		
2.	LVS	-FOR TEC - 01 NOS		
3.	ECP	FOR COMMON OPERATING WORK STATION - 02 NOS	1300 x 800 x 2355	EDN
4.	LCP	LARGE VIDEO SCREEN (08NOS PER UNIT) + (02NOS COMM)	2840 x 1000 x 2355	EDN
5.	FAP	ELECTRICAL CONTROL PANEL	3500 x 1000 x 2355	EDN
6.	UNIT	UNIT CONTROL PANEL	1200 x 700 x	HYD
7.	INFORM	FIRE ALARM PANEL	1505 x 760 x 735	EDN
		WORK STATION - 03 NOS	900 x 650 x 740	EDN
		PRINTER - 02 NOS	1505 x 760 x 735	EDN
		WORK STATION - 01 NO	900 x 650 x 740	EDN
		PRINTER - 01 NO	900 x 650 x 740	EDN

SL. NO.	STN/PRINTER	DESCRIPTION	DIMENSIONS (WxDxH)	SCOPE
1.	EMS	WORK STATION (09 NOS) PER UNIT	1505 x 760 x 735	EDN/OTHER UNITS
		WORK STATION FOR UNIT DCS-02NOS PER UNIT	1505 x 760 x 735	
		WORK STATION FOR TURBINE CONTROL-01NO	1505 x 760 x 735	
		WORK STATION FOR TSE-01NO	1505 x 760 x 735	
		WORK STATION FOR SOE-01NO	1505 x 760 x 735	
		WORK STATION FOR HISTORIAN-01NO	1505 x 760 x 735	EDN/OTHER UNITS
		WORK STATION FOR PAHO-01NO	1505 x 760 x 735	
		WORK STATION FOR MIS-01NO	1505 x 760 x 735	
		WORK STATION FOR OPC-01 NO	1505 x 760 x 735	
2.	P	PRINTERS (23 NOS) PER UNIT	900 x 660 x 740	
		LASER JET B/W A4 - 08NOS+05NOS(COMM)	900 x 660 x 740	
		LASER JET COL A4 - 06NOS+02 NOS(COMM)	900 x 660 x 740	
		LASER JET B/W A3 - 02NOS	900 x 660 x 740	
		LASER JET COL A3 - 04NOS+02NOS(COMM)	900 x 660 x 740	
		LASER JET DWP A3 - 03NOS+01NOS(COMM)	900 x 660 x 740	

REV	DATE	DSN	CHD	APPD	REV	DATE	DSN	CHD	APPD	TITLE
02	15/07/2017	VS	SK	SEC	01	30/01/17	VS/AC/3	AC/SEC	-S&L SEC -S&L BP -S&L	CCR/GER/COMPUTER ROOM LAYOUT AT EL. 17M.
1.	REVISED IN LINE WITH CUSTOMER COMMENTS REC'D. VIDE LTR NO. 779				1.	REVISED IN LINE WITH CUSTOMER COMMENTS REC'D. VIDE LTR NO. 779. SEC/AS/APP/AC/SEC/UT/FF/5. SEC2 APP/22/2/2016 DTB 23112016				

CUSTOMER'S CONSULTANT	JOB NO. 412
STATUS	CONTRACT
DISTRIBUTION	REV 1 DATE 15/07/2017 BY VS/AC/3
CUSTOMER	BHARAT HEAVY ELECTRICALS LTD
PROJECT	POWER SECTOR
DESIGN	PROJECT ENGINEERING MANAGEMENT
DESIGN	NDIDA

	TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)
	DESEIN PRIVATE LIMITED
	AT ASH DYKE OF NCTPS, CHENNAI
	BHARAT HEAVY ELECTRICALS LTD
	POWER SECTOR PROJECT ENGINEERING MANAGEMENT
	NDIDA
	CCR/GER/COMPUTER ROOM LAYOUT AT EL. 17M.

DEPT.	SCALE	1:1	DRAWING NO.
SIGN			PE-DG-412-145-1401
DATE	SHEET	1 OF 1	REV.
			02