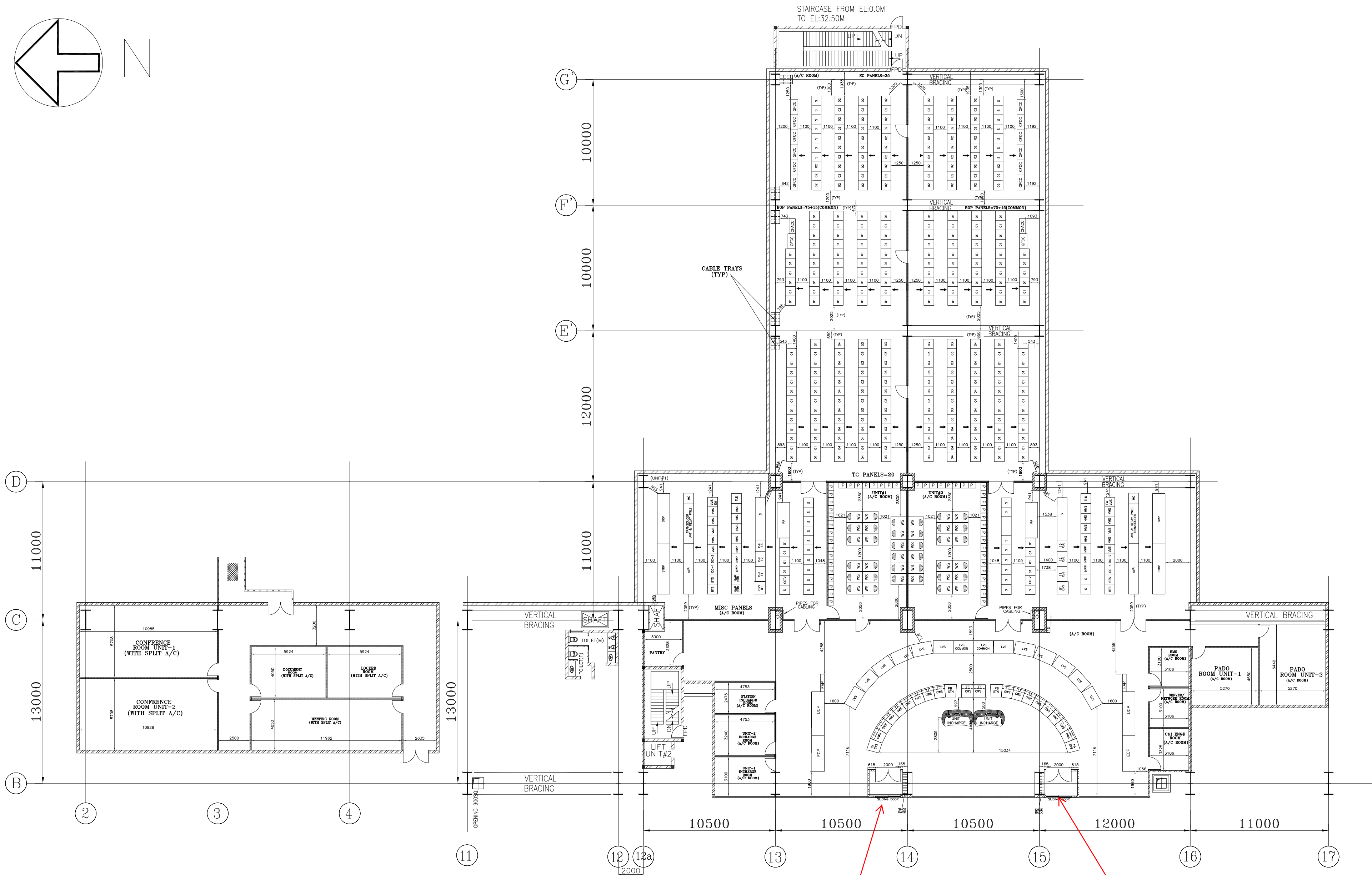
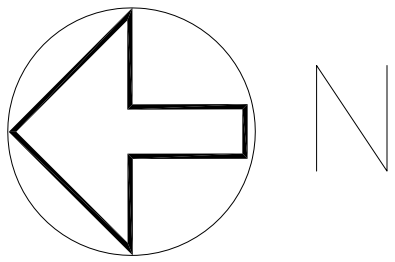




EL : 17M

LEGEND

- BRICK WALL, 230 MM THICK.
- AL. FRAMED PARTIAL GLAZED GLASS WALL, 115mm THICK
- FRONT OF THE PANEL

NOTE:-

- ALL DIMENSIONS ARE IN MM AND ELEVATIONS IN METER.
- DOORS AND WALLS SHALL BE CONSTRUCTED AFTER PANEL INSTALLATION.
- 10-NOS 40° LED'S<4 PER UNIT & 2 COMMON> SHALL BE INSTALLED IN CONTROL ROOM FROM FALSE CEILING.
- THE CLEAR HEIGHT OF THE CONTROL ROOM BETWEEN FLOOR AND FALSE CEILING SHALL BE MINIMUM 4.0 Mtr CONSIDERING LVS & LCD.
- PEM-CVL TO CONSIDER THE REQUIREMENT OF COVERING THE COLUMNS & BRACING.
- ENTRANCE DDOR SHALL BE AIR LOCKED HAVING AUTOMATIC SLIDING FEATURES
AIR CURTAINS SHALL BE PROVIDED AT ENTRANCE GATE.
- UNUSED CUTOUTS SHALL BE COVERED WITH CHEQUERED PLATES AFTER ERECTION OF ALL PANELS.
- WALL THICKNESS IS CONSIDERED TO BE 230mm, INNER WALLS ARE CONSIDERED TO BE 115mm.
- HEIGHT OF ALL DDORS FOR CCR/EER ENTRANCE SHALL BE 2.5 MTR <DOORS WITH # MARKED> AND DOORS OF OTHER UTILITY ROOM SHALL BE OF 2.1 MTR.
- S-SPARE SPACE FOR PANEL/ PC/ PRINTER.
- QUANTITIES & DIMENSIONS OF PANELS/ PC'S/PRINTERS & OTHER EQUIPMENT ARE TENTATIVE.
THESE DETAILS SHALL BE UPDATED ON RECEIPT OF INPUTS FROM RESPECTIVE UNITS.
- PREFIX '10 & 20' SHALL BE CONSIDERED FOR UNIT-1 & 2 RESPECTIVELY.
- PREFIX '90' SHALL BE CONSIDERED WITH COMMON FOR BOTH THE UNITS.

REF.DRG.

1. TG HALL EQUIPMENT LAYOUT PLAN AT 17.0M FLOOR

PE-DG-412-100-M005

ELECTRONIC EQPT ROOM (EER)

SL NO.	PANEL	DESCRIPTION	DIMENSIONS (WxDxH)	SCOPE
1.	SG PNL/UNIT	SG DCS PANELS (35 NOS.) DENOTED AS "02"	750 x 800 x 2415	EDN
2.	STN C&I PNL /UNIT	STATION C&I DCS PANELS (75 NOS) DENOTED AS "01" COMMON STATION C&I PANELS DENOTED AS "04"	750 x 800 x 2415	EDN
3.	TG PNL/UNIT	TG DCS PANELS (20 NOS.) DENOTED AS "03"	750 x 800 x 2415	EDN
4.	SIEMENS PNL /UNIT	TG SEIMENS PNL (1 NO) CRY01 TG SEIMENS PNL (2 NOS) CJ11-12 TG SEIMENS PNL (1 NO) CJ13	1000 x 900 x 2200 1200 x 800 x 2200 900 x 800 x 2200	HWR HWR
5.	NWP/UNIT	NETWORK PANEL (3NOS PER UNIT) + (2NOS COMMON)	800 x 800 x 2415	EDN
6.	GFCC	GRAVIMETRIC FDR PANELS (7 NOS)	1200 x 600 x 2315	TRY
7.	AVR	AVR PANEL (1 NO.)	4031 x 800 x 2295	EDN
8.	TLD	STEAM LEAK DETECTION PNL (1 NO.)	800 x 800 x 2315	TRY
9.	VMS	VIBRATION MONITORING SYSTEM (5 NOS)	800 x 800 x 2415	EDN
10.	VMSEW	GEN END WDG VIB MONITORING SYS (1 NO.)	800 x 800 x 2200	HWR
11.	DC-1	MV DATA CONCENTRATOR PANEL (1 NO) DC-1	800 x 800 x 2315	BPL
12.	DC-2	LV DATA CONCENTRATOR PANEL (1 NO) DC-2	800 x 800 x 2315	EPD
13.	BTS	BUS TRANSFER SYSTEM (2 NOS)	800 x 800 x 2355	BPL
14.	-	TRANSDUCER, AVT & RELAY PANEL (04 NOS)	800 x 800 x 2415	BPL
15.	HMS	HART MANAGEMENT SYSTEM (04 NOS)	800 x 800 x 2355	EDN
16.	GRP	GEN/GT/UT PROTECTION PANEL	4000 x 1000 x 2295	BPL
17.	STRP	STATION PROTECTION PANEL	4000 x 1000 x 2295	BPL
18.	CCTV	CCTV PANELS	800 x 800 x 2315	EDN
19.	CFACC	COAL FLOW ANALYSER CONTROL CABINET (2NOS)	1200 x 500 x 1600	TRY
20.	MC	MASTER CLOCK	800 x 800 x 2315	EDN
21.	PA	CENTRAL EXCHANGE FOR PA SYSTEM	2840 x 1000 x 2355	PEM

CENTRAL CONTROL ROOM

SL NO.	PANEL	DESCRIPTION	DIMENSIONS (WxDxH)	SCOPE
1.	OWS	OP WORK STN (09NOS & 2NOS COM) WITH DESK PA SYS. -FOR UNIT DDCMIS - 06 NOS -FOR TURBINE CONTROL - 02 NOS -FOR TSC - 01 NOS FOR COMMON OPERATING WORK STATION - 02 NOS	10401 x 2948 x 750	EDN
2.	LVS	LARGE VIDEO SCREEN (06NOS PER UNIT)+ (02NOS COMM)	1300 x 800 x 2355	EDN
3.	ECP	ELECTRICAL CONTROL PANEL	2840 x 1000 x 2355	EDN
4.	UCP	UNIT CONTROL PANEL	3500 x 1000 x 2355	EDN
5.	FAP	FIRE ALARM PANEL	1400 x 300 x	HYD
6.	UNIT INCHARGE ROOM	WORK STATION - 03 NOS PRINTER - 02 NOS	1505 x 760 x 735 900 x 650 x 740	EDN EDN
7.	STATION INCHARGE ROOM	WORK STATION - 01 NO PRINTER - 01 NO	1505 x 760 x 735 900 x 650 x 740	EDN EDN

COMPUTER ROOM

SL NO.	STN/PRINTER	DESCRIPTION	DIMENSIONS (WxDxH)	SCOPE
1.	EWS	WORK STATION (09 NOS) PER UNIT WORK STATION FOR UNIT DCS-02NOS PER UNIT WORK STATION FOR TURBINE CONTROL-01NO WORK STATION FOR TSE-01NO WORK STATION FOR SOE-01NO WORK STATION FOR HISTORIAN-01NO WORK STATION FOR PADO-01NO WORK STATION FOR MIS-01NO WORK STATION FOR OPC-01 NO	1505 x 760 x 735 1505 x 760 x 735 1505 x 760 x 735 1505 x 760 x 735 1505 x 760 x 735 1505 x 760 x 735 1505 x 760 x 735 1505 x 760 x 735 1505 x 760 x 735	EDN/OTHER UNITS EDN/OTHER UNITS
2.	P	PRINTERS (24 NOS) PER UNIT LASER JET B/W A4 - 08NOS+05NOS(COMM) LASER JET COL A4 - 06NOS+02 NOS(COMM) LASER JET B/W A3 - 02NOS LASER JET COL A3 - 04NOS+02NOS(COMM) LASER JET DMP A3 - 03NOS+01NOS(COMM)	900 x 650 x 740 900 x 650 x 740 900 x 650 x 740 900 x 650 x 740 900 x 650 x 740	

ALL DIMENSIONS ARE IN mm

CUSTOMER		TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)								
CUSTOMER'S CONSULTANT		CONSULTANT: DESEIN PRIVATE LIMITED DESEIN HOUSE, GREATER KAILASH-II, NEW DELHI								
JOB NO. 412		PROJECT 2x660 MW ENNORE SEZ COAL BASED STPP AT ASH DYKE OF NCTPS, CHENNAI								
STATUS CONTRACT		DISTRIBUTION								
REV	DATE	DSN	CHD	APPD	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA		DEPT CODE	NAME	SIGN	DATE
01	30.01.17	VS/AC	AC/SK	SCS	DP		1	VS	-sd-	22.08.2015
1. REVISED IN LINE WITH CUSTOMER COMMENTS VIDE LTR NO. SE/E/Tr&HyP/EE/E/ACE/E/F/En SEZ ATPP/D24/2016 DTD: 23.11.2016.						DRAW SK/AC -sd- 22.08.2015 CHD SCS -sd- 22.08.2015 APPD DP -sd- 22.08.2015				
TITLE CCR/CER/COMPUTER ROOM LAYOUT AT EL 17M.										
				DEPT.	SCALE 1:1	DRAWING NO.				
				SIGN		PE-DG-412-145-1401				
				DATE		SHEET 1 OF 1		REV. 01		