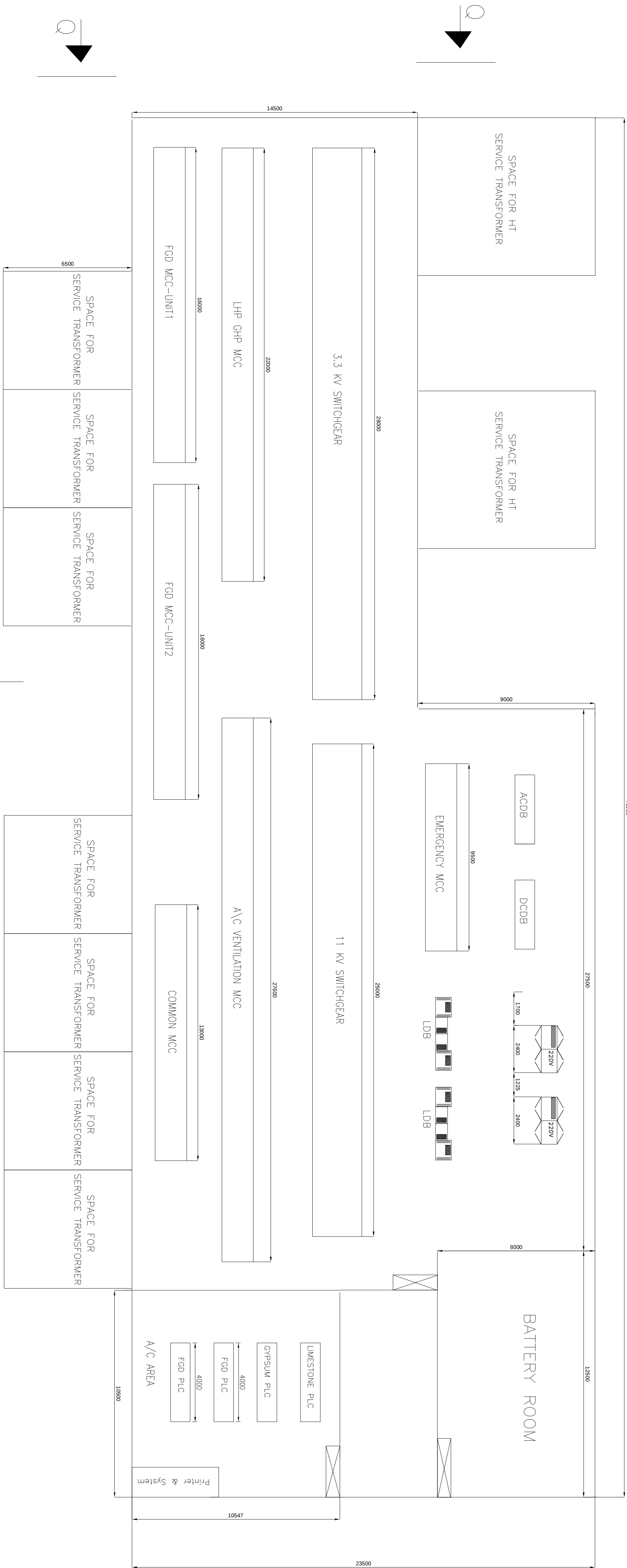
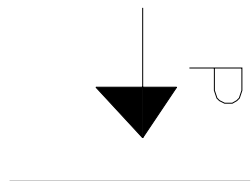
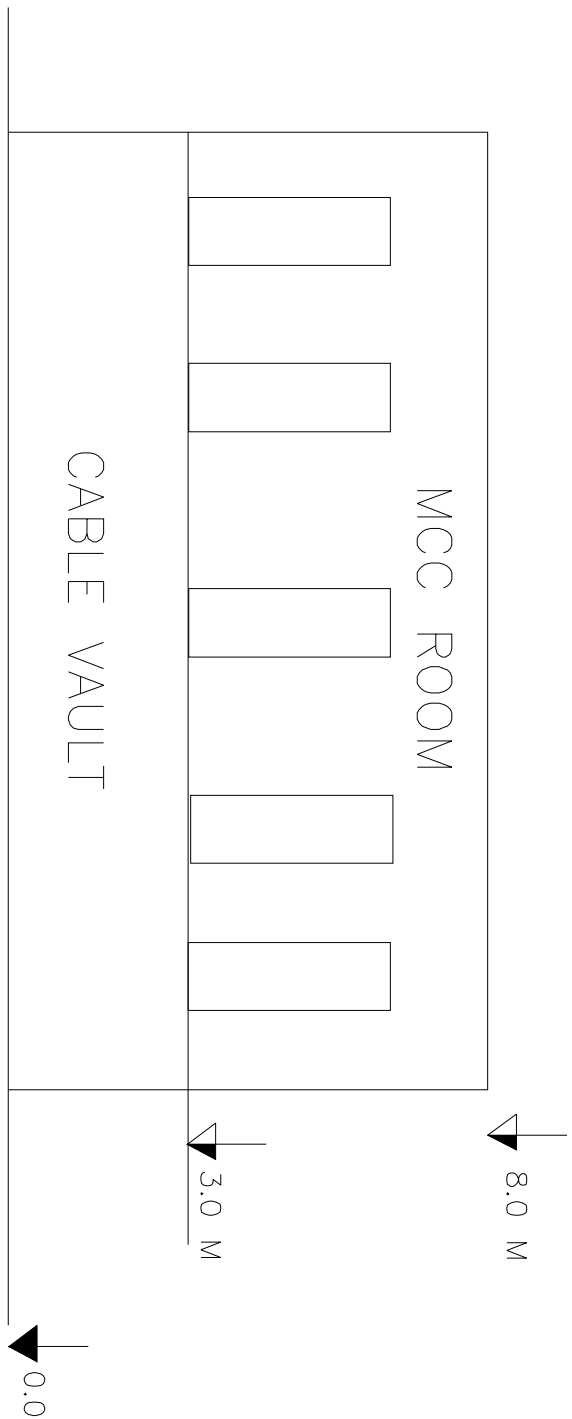
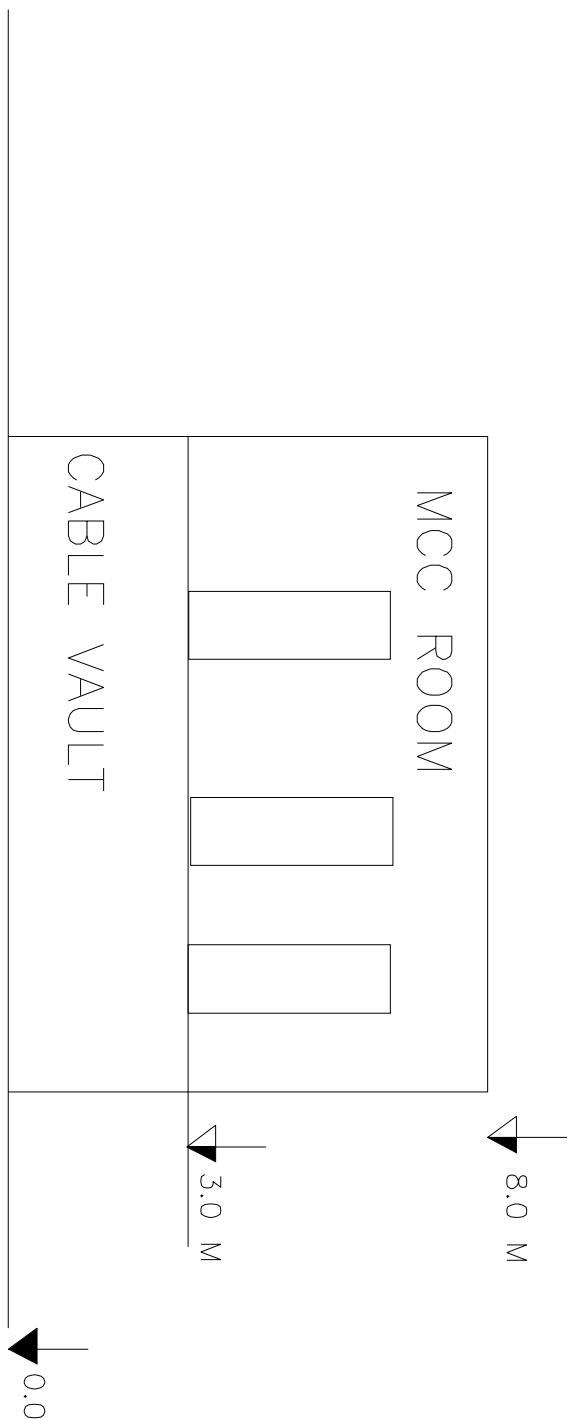




PLAN AT ELEVATION +3.0 M



VIEW – PP



VIEW – QQ

NOTE :

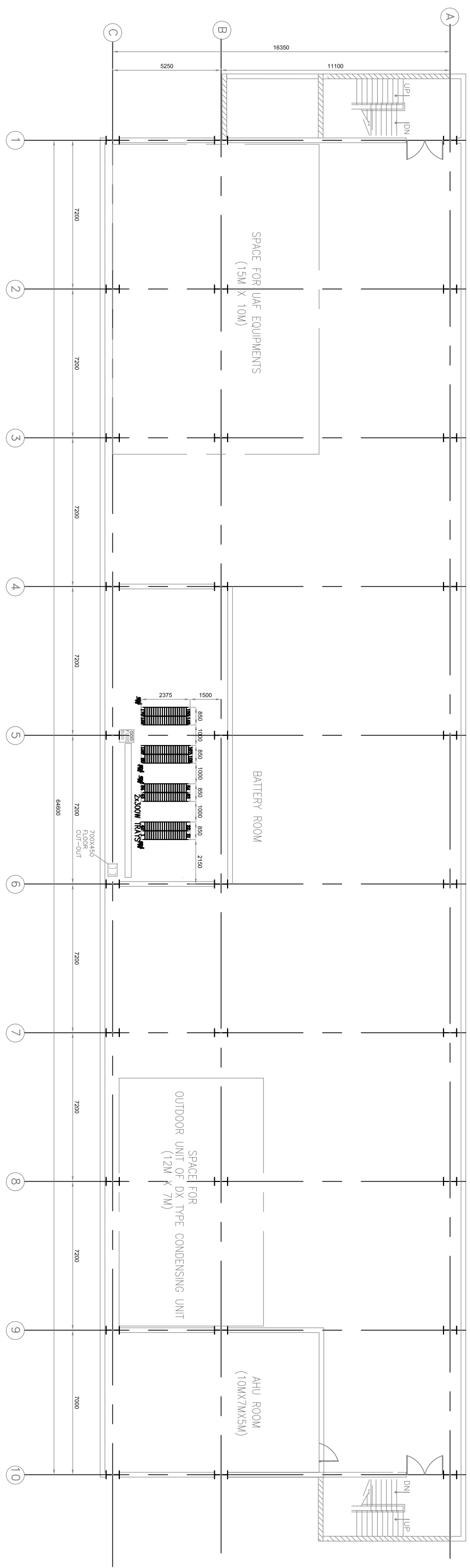
01. ALL PANELS ARE PROVIDED WITH BOTTOM ENTRY FOR CABLES.
02. DIMENSION INDICATED FOR EQUIPMENTS ARE TENTATIVE AND FOR ESTIMATION PURPOSE ONLY.
03. AFTER ERECTION OF PANELS THE TRENCH GAP/FLOOR CUT-OUT SHALL BE SUITABLY COVERED WITH CHECKERED PLATE.
04. 600MM WIDE RUBBER MAT OF SUITABLE LENGTH SHALL BE PROVIDED BEFORE EACH PANEL.
05. ILLUMINATION LEVEL SHALL BE 300 LUX.
06. FALSE CEILING SHALL BE PROVIDED AT 3M EL IN A/C AREA.
07. EARTHING FLATS SHALL BE RUN IN THE CABLE VAULT ALONG WITH THE CABLE TRAYS.
08. THE CABLE TRAY EXIT SHALL BE SEALED PROPERLY SO THAT RAIN WATER AND DUST SHALL NOT ENTER INSIDE THE ROOM/TRENCH.
09. WEIGHT OF THE PANELS :
 - PLC = 400 KG./PLC PANEL (APPROX)
 - COMMON MCC = 13000 KG/MCC PANEL (APPROX)
 - FGD MCC = 16000 KG/FGC PANEL (APPROX)
 - ACDB/DCDB = 1000 KG/ACDB/DCDB PANEL (APPROX)
 - LDB = 1000 KG/LDB PANEL (APPROX)
 - LHP MCC = 23000 KG/PANEL (APPROX)
10. NECESSARY CABLE RAISER SHALL BE PROVIDED TO TAKE CABLES FROM GROUND FLOOR TO CABLE VAULT.
11. CARE SHALL BE TAKEN WHILE DESIGNING CIVIL CONSTRUCTION, SO THAT BEAMS SHALL NOT FOUL WITH CABLE TRAY ROUTING/PANEL CABLE TERMINATION.
12. DCFB WILL BE FLOOR/WALL MOUNTED
13. ALL DOORS WILL BE 2.0M WIDE
14. SHUTTERS WILL BE 3.0 MIDE
15. SUITABLE DOORS SHALL BE PROVIDED IN GROUND FLOOR & SECOND FLOOR CABLE VAULT AREA
16. SUITABLE OUTLET FOR CABLE SHALL BE PROVIDED IN CABLE VAULT AREA.

RECOMMENDATION [NOT IN BHEL(R) SCOPE]

01. NECESSARY FIRE EXTINGUISHER SHALL BE LOCATED INSIDE THE CONTROL ROOM
02. PLC AREA SHOULD BE AIR-CONDITIONED AND THE RECOMMENDED ROOM TEMPERATURE : 24 ±1°C.
03. HEAT LOSS/PANEL :
 - PLC = 0.5kW/PLC PANEL (APPROX)
 - PRINTER = 0.2kW/PRINTER (APPROX)
 - SYSTEM = 0.5kW/M2 (APPROX)

CAUTION: THE DRAWING IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LTD. AND IS NOT TO BE REPRODUCED OR USED TO FURNISH ANY INFORMATION FOR MAKING OF DRAWINGS OF APPARATUS EXCEPT WHERE PROVIDED FOR AGREEMENT WITH SAID COMPANY.

CUSTOMER NOS: G501 & G502									
CUSTOMER: NTPC LIMITED.									
PROJECT: NCTPP (2X490MW) DADRI STAGE-II									
FGD SYSTEM PACKAGE									
DEPT		NAME		SIGN		DATE			
BHARAT HEAVY ELECTRICALS LIMITED		DRN V.SANGEETHA		-sd-		V.SANGEETHA			
UNIT: BOILER AUXILIARIES PLANT,		CHD ID QUALITY		-sd-					
NAME: 1033 4th.		APRD 5.0ASH		-sd-					
TITLE:		SCALE : NTS							
FGD CONTROL ROOM LAYOUT									
BHEL Dwg NO		SH 1 OF 1							
3-00-000-40393									
CAUTION: THE DRAWING IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LTD. AND IS NOT TO BE REPRODUCED OR USED TO FURNISH ANY INFORMATION FOR MAKING OF DRAWINGS OF APPARATUS EXCEPT WHERE PROVIDED FOR AGREEMENT WITH SAID COMPANY.									



SECTION A-A

