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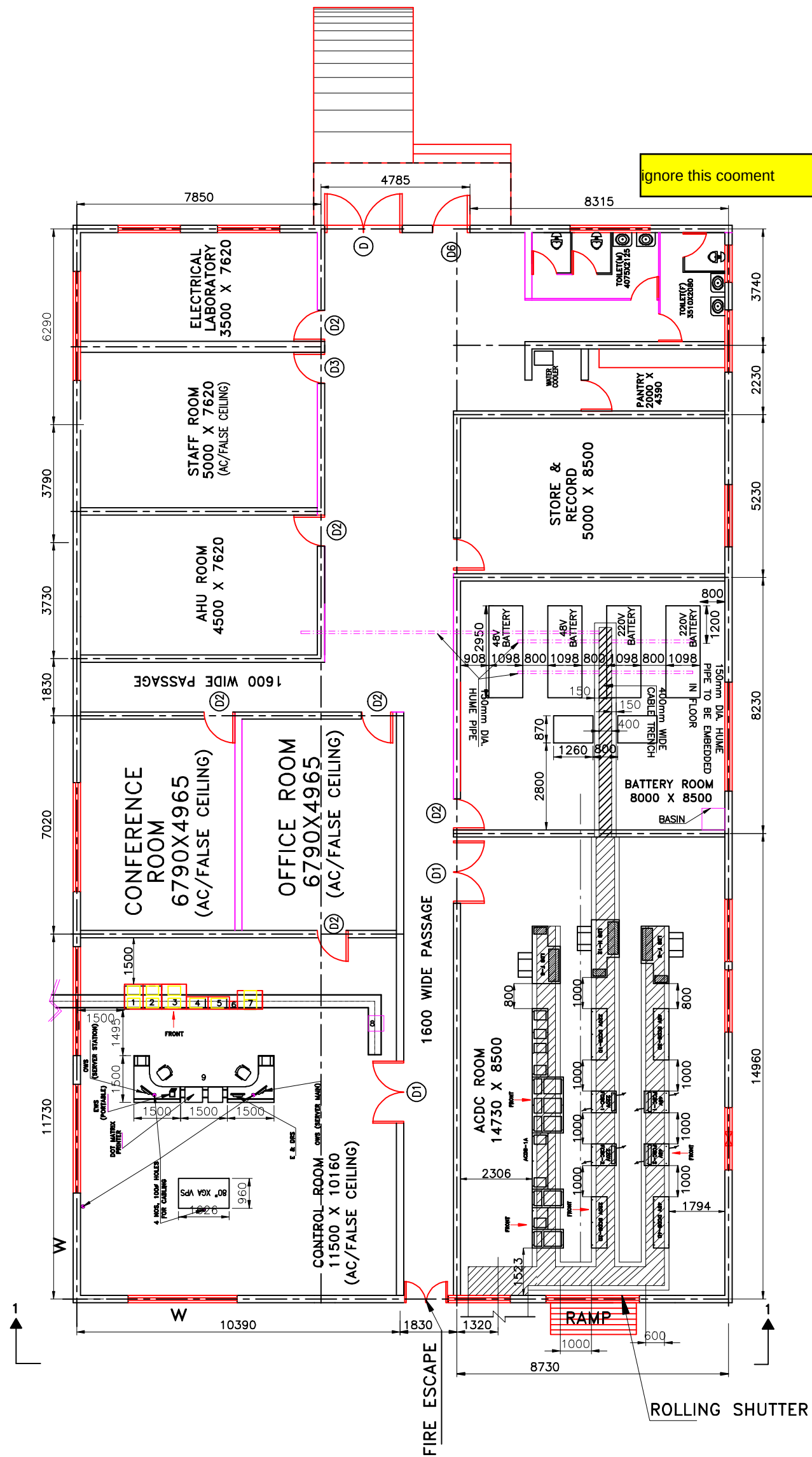
COMPUTER DRG. PATH NAME :

SIGN & DATE

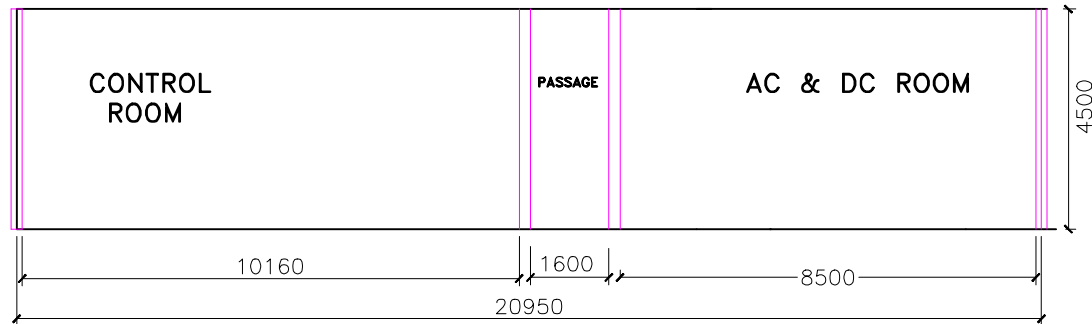
INVENTORY NO.

DRG. NO. TB-DG-423-C-353-316-101

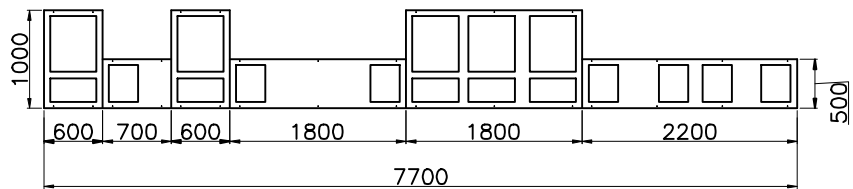
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MM)



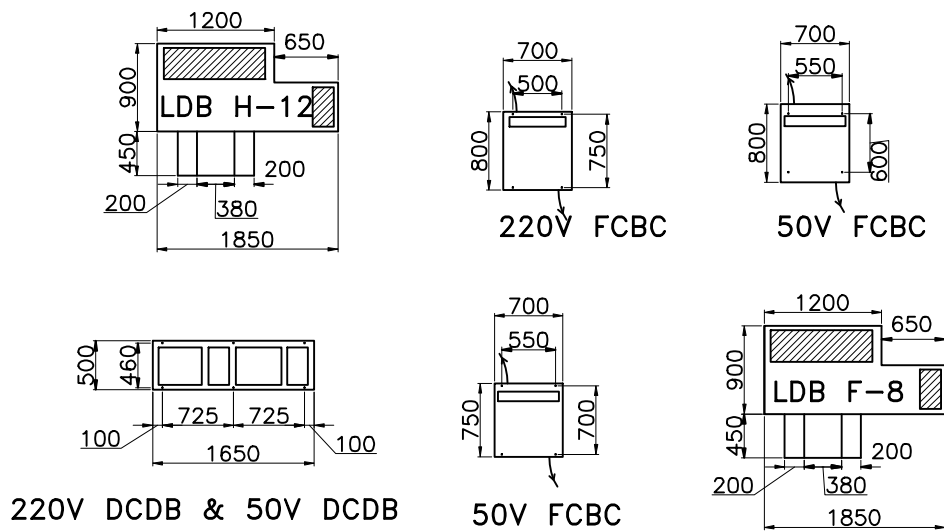
GROUND FLOOR PLAN



ELEVATION SECTION 1-1



ACDB-1A



PANEL LAYOUT FOR ACDC PANELS, BATTERY CHARGERS AND
LIGHTING DISTRIBUTION BOARDS IN CONTROL ROOM BUILDING

S.NO.	PANEL DESCRIPTION	PANEL DIMENSION IN MM (WXDXH)	QUANTITY
1	RTCC PANEL FOR ICT-1	600X800X2310	1
2	RTCC PANEL FOR ICT-2 (FUTURE)	600X800X2310	1
3	PLCC PANEL 132KV LINE-1	690X400X1958	1
4	PLCC PANEL 132KV LINE-2	600X800X2310	1
5	EPAX	260X260X1958	1
6	AUXILIARY PANEL	800X800X2310	1
7	FOTE PANEL (OPGW SYSTEM)	800X800X2310	1
8	UPS	500X500X1000	1
9	SAS OPERATING DESK	4500X4500X1000	1

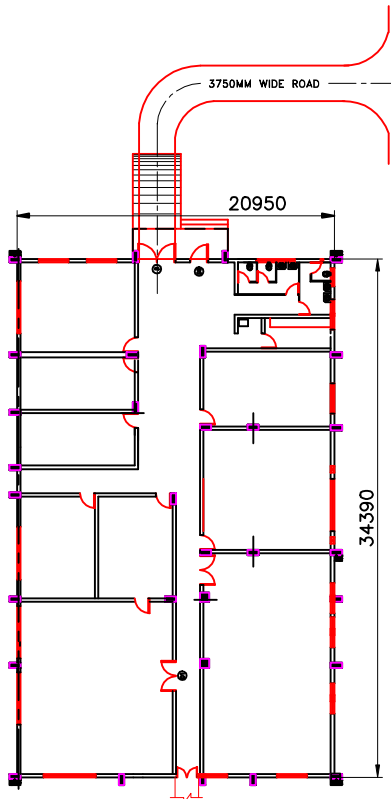
NOTE:-

- ALL DIMENSIONS ARE IN MILLIMETRES.
- WALL THICKNESS, ROOF TYPE, BEAM AND COLUMN LOCATION AND DETAILS OF BATTERY ROOM SHALL BE SUBMITTED AS PART OF DETAILED CIVIL ENGINEERING DRAWINGS.
- INDIVIDUAL DIMENSIONS AS INDICATED HERE SHOULD BE TREATED AS MINIMUM CLEAR DIMENSIONS OF ROOMS DURING DETAILED ENGINEERING, ALL REQUIREMENTS OF SPECIFICATION WRT CIVIL ARCHITECTURAL AND ELECTRICAL ARE TO BE TAKEN CARE OF.
- THE DIMENSION AND ARRANGEMENT OF PANELS/EQUIPMENT INSIDE CONTROL & RELAY PANEL ROOM ARE INDICATIVE AND SHALL BE FINALISED DURING DETAILED ENGINEERING.
- DETAILS OF CABLE TRAY/TRENCH ARRANGEMENT SHALL BE FURNISHED IN A SEPARATE DRAWING. FOR SMOOTH ARRANGEMENT OF PANELS, THE HEIGHT OF DOOR FOR PANELS LANDING PLATFORM SHALL BE 3.0M. ALSO, THE DOORS OF PANEL ROOM & SWITCHGEAR ROOM SHALL BE MINIMUM 3M HEIGHT.
- FALSE CEILING SHALL BE PROVIDED IN STAFF ROOM, OFFICE ROOM, CONFERENCE ROOM AND CONTROL ROOM ONLY. HEIGHT OF FALSE CEILING SHALL BE 2.8 METERS.
- PORTICO SHALL BE PROVIDED.

NORTH



Please incorporate comments in



KEY PLAN

PE-DG-381-100-M002	MAIN EQUIPMENT PLAN	00
TB-DG-0-353-316-002	LAYOUT PLAN OF 400/132KV SWITCHYARD	00
DRAWING REFERENCE	TITLE	REVISION

NTPC DRAWING NO. 9661-230-01TB-PVE-F-009

OWNER :
THE SINGARENI COLLIERIES COMPANY LTD.
(A Government company)
POWER PROJECT DIVISION

CONSULTANT :
एन टी सी लिमिटेड
NTPC Limited
(A Government of India Enterprise)
CONSULTANCY WING

PROJECT :
SCCL COAL BASED THERMAL POWER PLANT
(2 X 600MW)

PACKAGE
BOILER TURBINE GENERATOR PACKAGE

CONTRACTOR	BHARAT HEAVY ELECTRICALS LTD. TRANSMISSION PROJECTS DIVISION NEW DELHI	DEPT CODE	NAME	SIGN	DATE
CHKD			MANOJ	-SD-	09.04.12
APPD			SK/VK	-SD-	09.04.12
			DKM/RS	-SD-	09.04.12

TITLE
CONCEPTUAL CONTROL ROOM LAYOUT FOR
400KV SWITCHYARD

DEPT.	SCALE	1:200	DRAWING NO.
SIGN			TB-DG-2-353-316-019
DATE			SHEET 1 OF 1 REV. 02