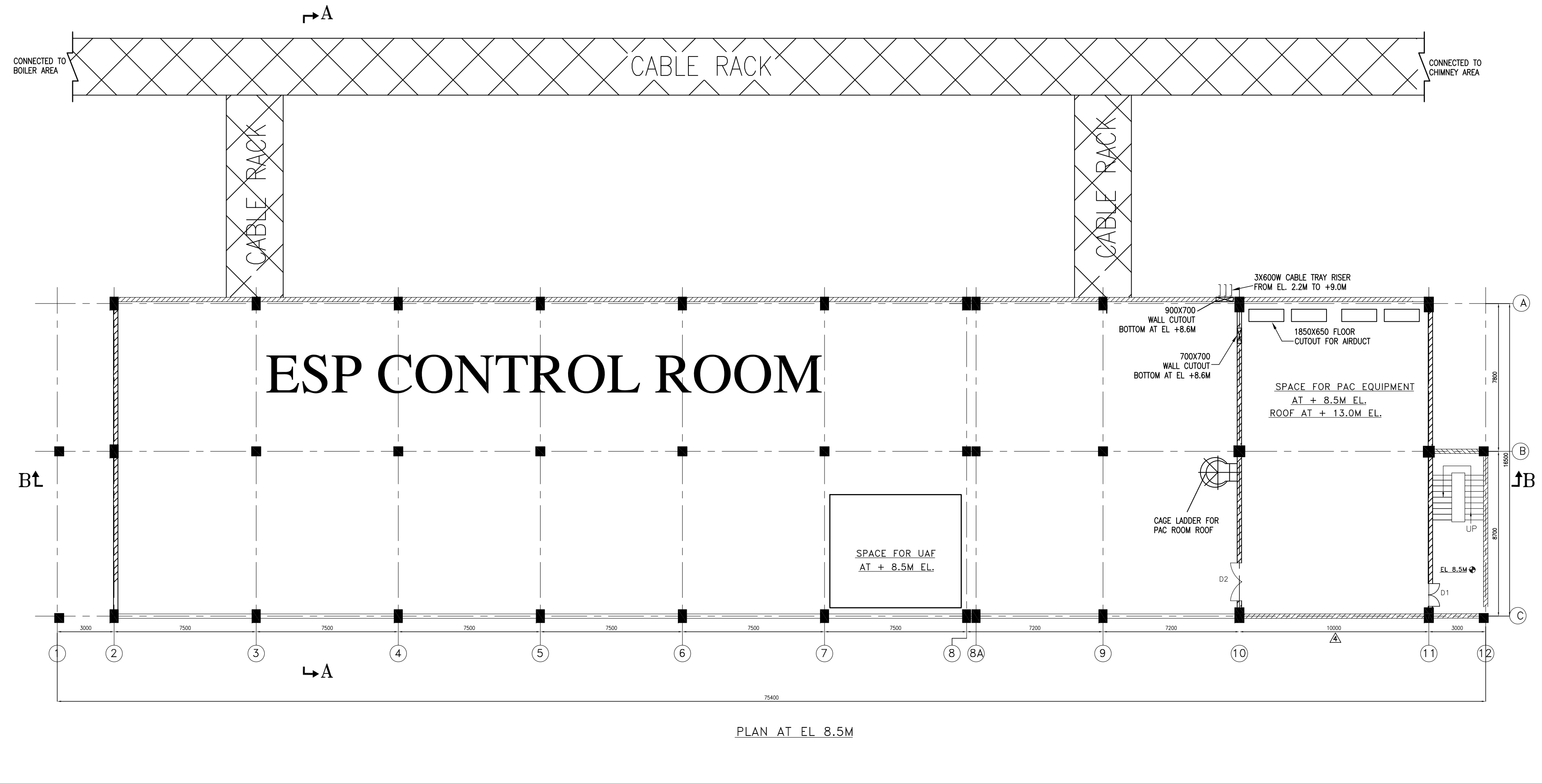
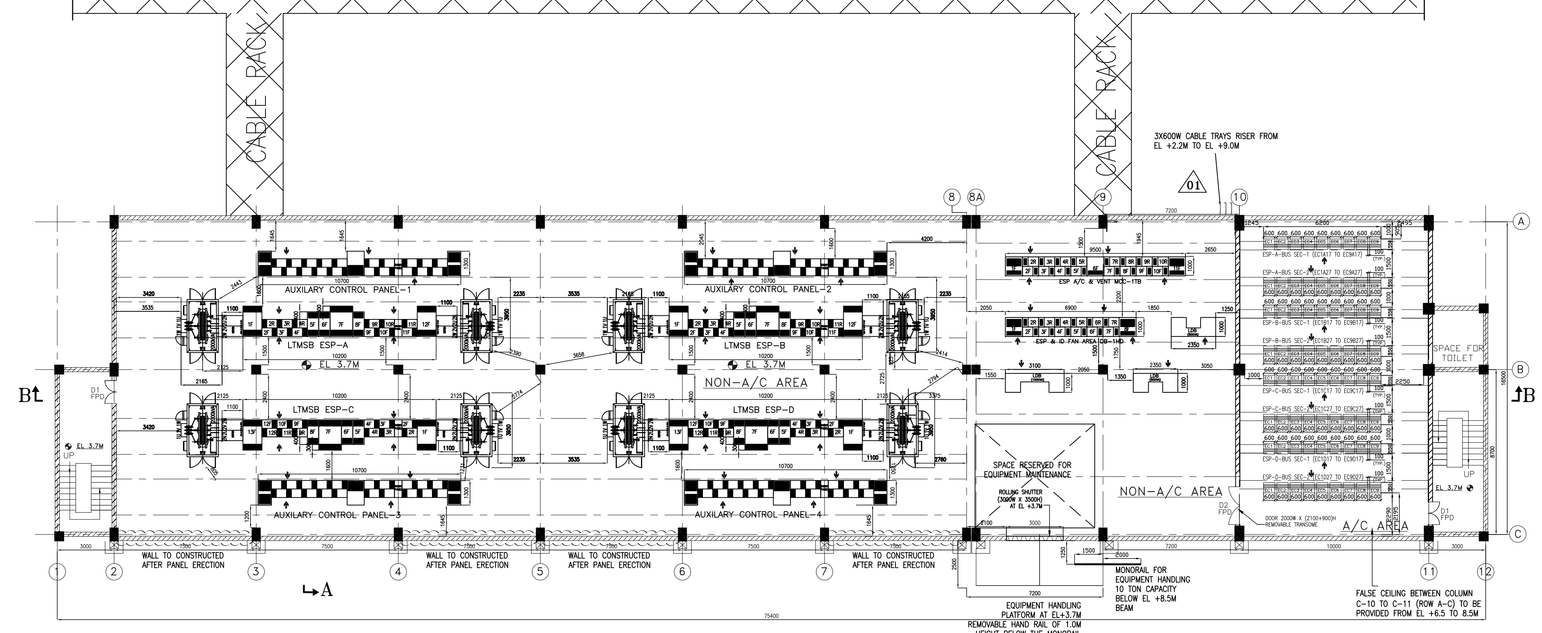
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
FIRST ANGLE PROJECTION
ALL DIMENSIONS ARE IN MM

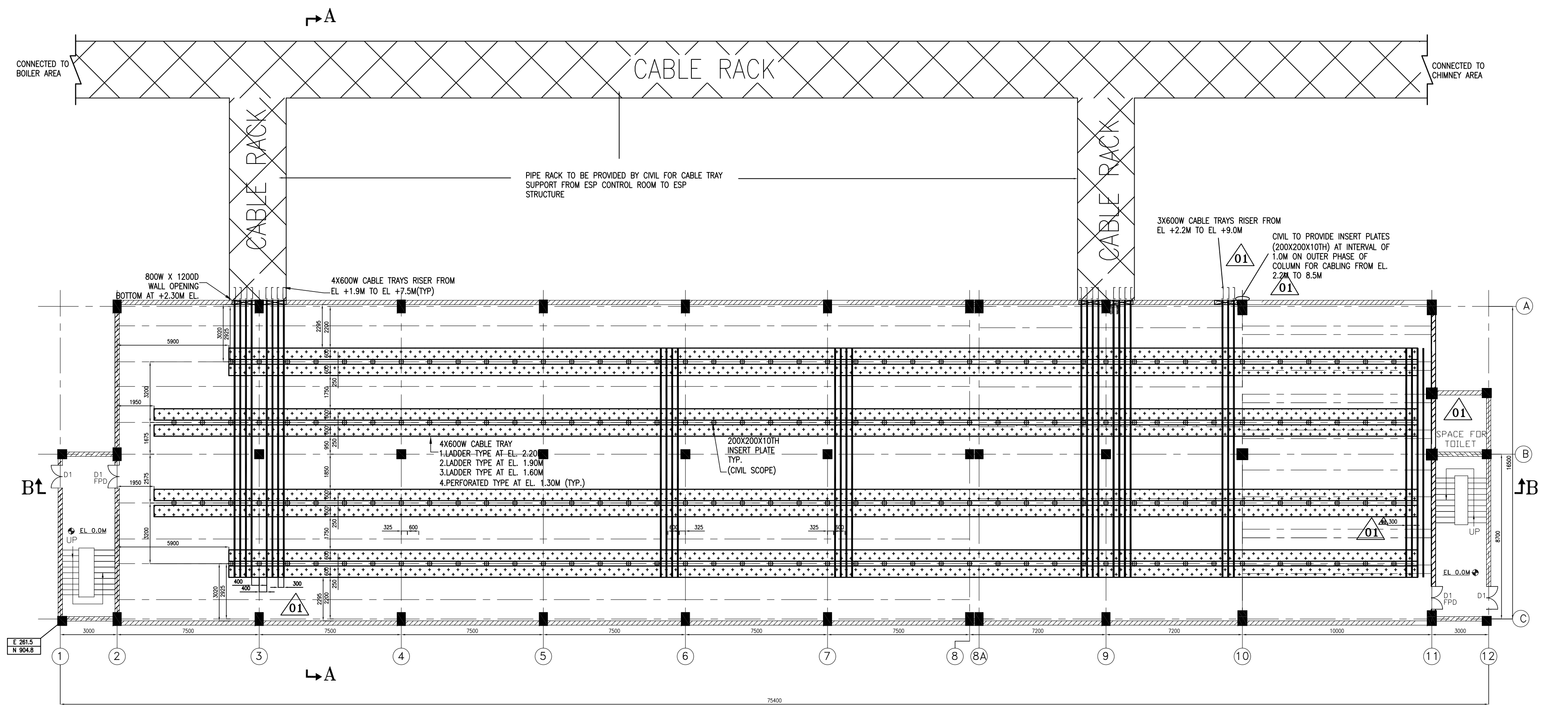
DRAWING No. PE-DG-410-100-E008



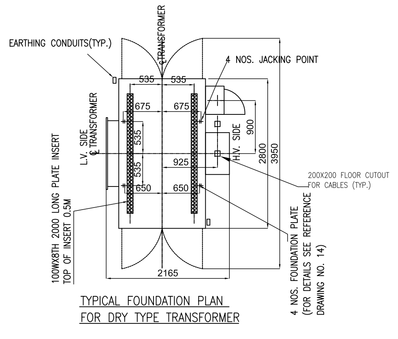
PLAN AT EL 8.5M



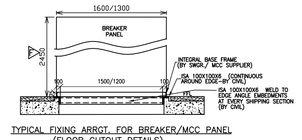
PLAN AT EL 3.7M



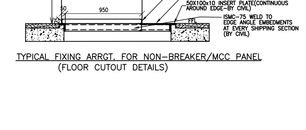
PLAN AT EL 0.0M



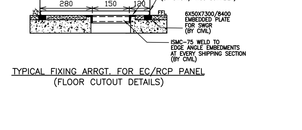
TYPICAL FOUNDATION PLAN FOR DRY TYPE TRANSFORMER



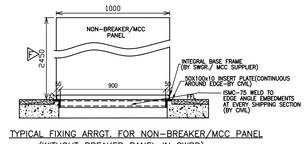
TYPICAL FIXING ARRGT. FOR BREAKER/MCC PANEL (FLOOR CUTOUT DETAILS)



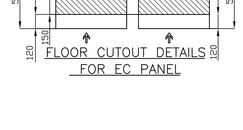
TYPICAL FIXING ARRGT. FOR NON-BREAKER/MCC PANEL (FLOOR CUTOUT DETAILS)



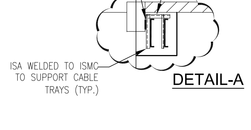
TYPICAL FIXING ARRGT. FOR EC/RCP PANEL (FLOOR CUTOUT DETAILS)



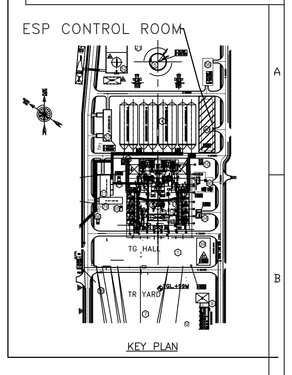
TYPICAL FIXING ARRGT. FOR NON-BREAKER/MCC PANEL (WITHOUT BREAKER PANEL IN SWBD) (FLOOR CUTOUT DETAILS)



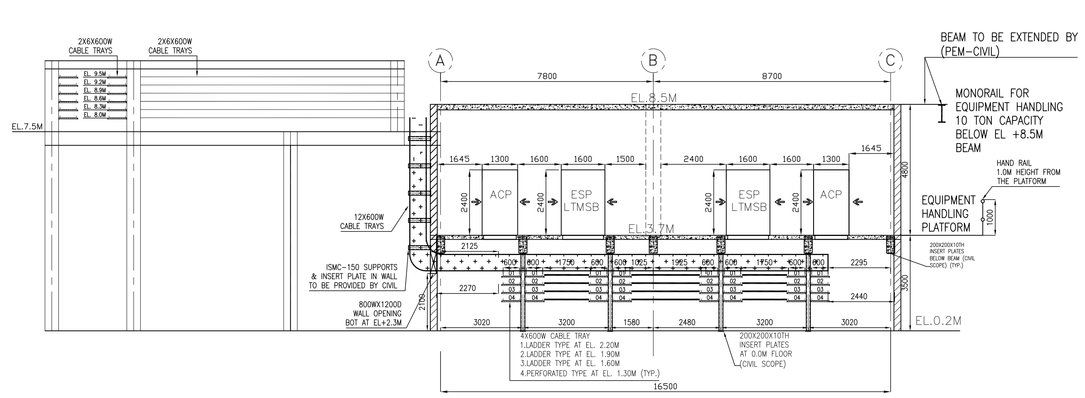
FLOOR CUTOUT DETAILS FOR EC PANEL



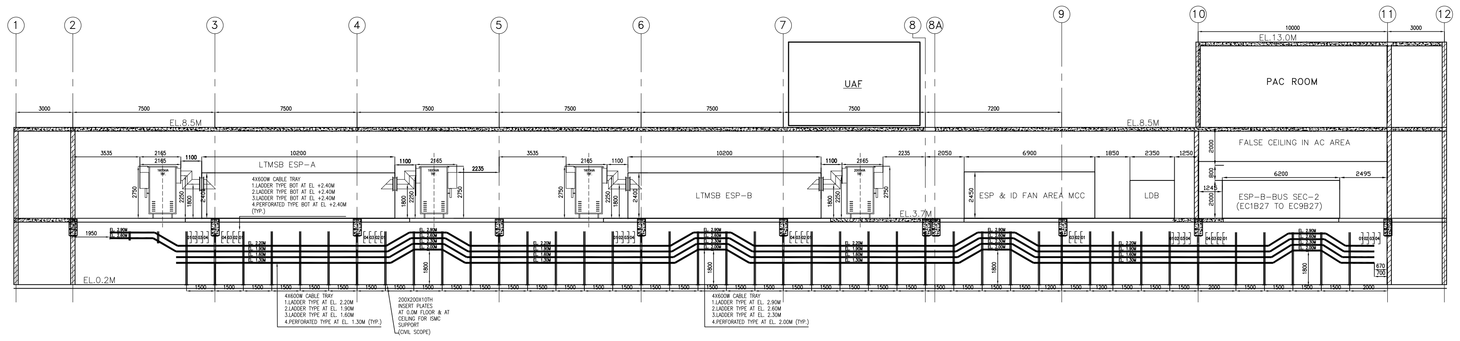
DETAIL-A



KEY PLAN



SECTION A–A



SECTION B–B

LEGEND

- OPERATING FRONT OF THE PANEL
- D1 — SINGLE LEAF FIRE PROOF DOOR (1200Wx2100H)
- FRP D1 — DOUBLE LEAF FIRE PROOF DOOR (1200Wx2100H)
- FRP D2 — DOUBLE LEAF FIRE PROOF DOOR (2000Wx2100H) WITH 900 HIGH REMOVABLE TRANSOM
- BRICK WALL
- PANEL CUTOUT
- WALL CUTOUT

REFERENCE DRAWINGS :

S. NO.	TITLE	DRAWING NO.	SOURCE AGENCY
1.	PLOT PLAN	PE-DC-410-100-M001	PEM/ MPL
2.	ELECTRICAL SINGLE LINE DIAGRAM	PE-DC-410-505-E001	PEM/ ELECT
3.	CABLE ERECTION PHILOSOPHY	PE-DC-410-507-E004	PEM/ ELECT
4.	TYPICAL DETAILS OF CABLE TRAYS AND ACCESSORES	PE-DC-410-507-E005	PEM/ ELECT
5.	INSTALLATION DETAILS OF CABLE TRAYS SUPPORT SYSTEM	PE-DC-392-507-E006	PEM/ ELECT
6.	RECOMMENDED ESP CONTROL ROOM LAYOUT	2-00-114-29983	BHEL/ RANIPET

NOTES :

1. ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
2. THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS EL. 0.00M WHICH CORRESPONDS TO 0.5M (BL. 99.5M) ABOVE FGL.
3. ● INDICATES OPERATING FRONT OF THE PANEL.
4. DIMENSIONS INDICATED FOR EQUIPMENTS ARE BASED ON BHEL–RANIPET GA FURNISHED ON DATE 08–09.2.2016.
5. THIS DRAWING IS TO BE REFERRED FOR DETAILS OF ELECTRICAL EQUIPMENT AND CABLING LAYOUT ONLY. LAYOUT SHOWN FOR FACILITIES SUCH AS AC & VENTILATION SYSTEM IS INDICATIVE & FOR INTERFACE PURPOSE. FOR EXACT LAYOUT OF OTHER SYSTEMS, RELEVANT DISCIPLINE DRAWINGS SHALL BE REFERRED.
6. ALL AIRDES SHOWN IN THIS DRAWING ARE NON A/C UNLESS STATED OTHERWISE.
7. BOTTOMMOST/OUTERMOST ONE TRAY OF ALL RUNS SHALL BE PERFORATED TYPE.

REV.	DATE	ALTD	CHD	APPD
02	23.02.2016	DS	AKR	SKG

DRAWING REVISED TO UPDATE DIMENSIONS OF LTMSB & ACP'S AS PER FINALIZED GA DRAWINGS RECEIVED FROM EPD/ RANIPET.

REV.	DATE	ALTD	CHD	APPD
01	22.06.2015	DS	AKR	SKG

DRAWING REVISED BASED ON CUST. COMMENT VIDE LETTER REF. NO. 0313 DATED 04.06.2015

JOB NO. 410
STATUS CONTRACT
DISTRIBUTION

CUSTOMER: TELANGANA STATE POWER GENERATION CORPORATION LTD
TELANGANA, INDIA
1x800 MW KOTHAGUDAM TPS STAGE–VII UNIT#12, PALONCHA

OWNER'S CONSULTANT: DEVELOPMENT CONSULTANTS PVT. LTD.
CONSULTING ENGINEERS
KOLKATA MUMBAI CHENNAI NEW DELHI

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

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DEPT CODE		NAME	SIGN	DATE
E	DRN	DS	–sd–	02.04.2015
	DESN	DS	–sd–	02.04.2015
	CHD	AKR	–sd–	02.04.2015
	APPD	SKG	–sd–	02.04.2015

TITLE: ELECTRICAL EQUIPMENT & CABLING LAYOUT IN ESP CONTROL ROOM BUILDING

DEPT. | SCALE | SIGN | DRAWING NO. PE–DG–410–100–E008 | SHEET | OF | REV. 02

SIZE–A1

COMPUTER FILE NAME: PE-DG-410-100-M002_REV.01

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