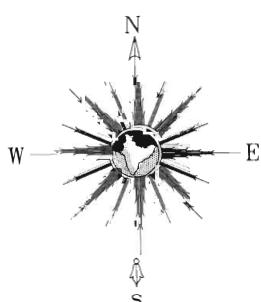


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it must not be used directly or indirectly in anyway detrimental to the interest of the company.

REF. DRG. No.

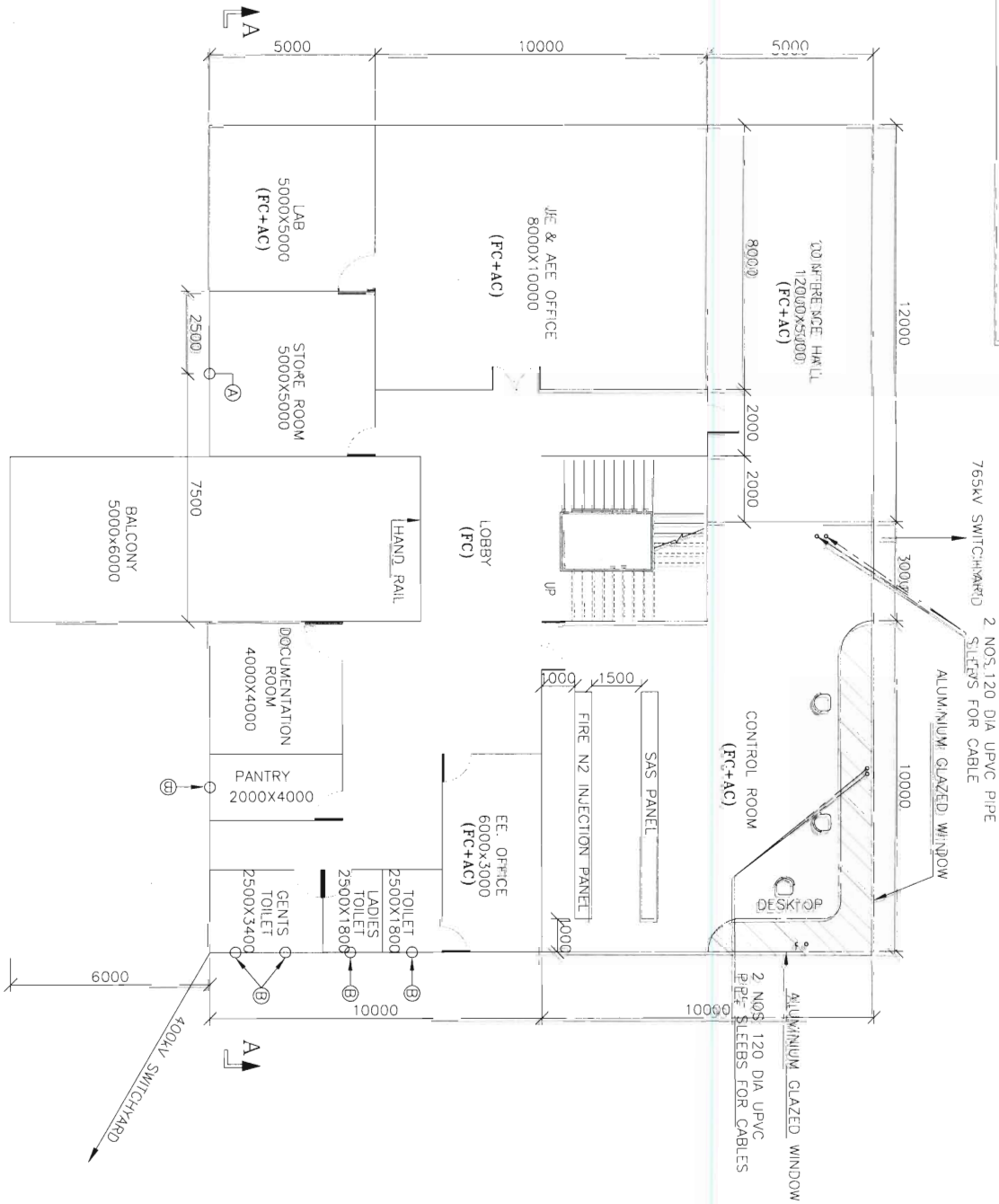
COMPUTER DRG. PATH NAME :



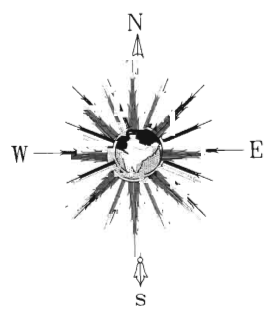
Sl.No	Description of Panel/equipment	Qty.	Approx Dimension of one set		
			W	D	H
1	415V Main ACDB	1 Set	6000	1000	2450
2	415V Sub ACDB-1	1 Set	10000	1000	2450
3	415V Sub ACDB-2	1 Set	8000	1000	2450
4	220V DCDB-1 for 765kV Switchyard *	1 Set	6000	800	2450
5	220V DCDB-2 for 400kV Switchyard *	1 Set	5000	800	2450
6	48V DCDB *	1 Set	3000	800	2450
7,8,9	220V, 100A charger for 765kV Yard	3 Set	1200	800	1500
10,11,12	220V, 100A charger for 400kV Yard	3 Set	1200	800	1500
13,14,15	48V, 250A Charger	3 Set	1200	800	1500
16,17	220V, 535AH Lead acid Tubular battery for 765 kV Yard	2 Set	4300*2	570*2	721
18,19	220V, 535AH lead acid Tubular battery for 400 kV Yard	2 Set	4300*2	570*2	721
20,21	48V 1250A Lead Acid tubular battery	2 Set	1200	1100	1700

* 1 Set of 220V/48V DCDB consist section-1 (i.e. Source -1 of DC) and section -2 (i.e. Source -2 of DC)

3000					
ADDITIONAL INFORMATION W.O.No. 86009					
STATUS OF DRAWING CONTRACT					
DISTRIBUTION OF PRINTS					
REV.	DATE	A.I.T.E.R.D. CHECKED APPROVED	REV.	DATE	A.I.T.E.R.D. CHECKED APPROVED
01	21.07.17	SK / MM BM/RS	01		
FOTE ROOM & FIRE N2 INJECTION PANEL INCLUDED					
ZONE			ZONE		
					
TAMILNADU TRANSMISSION CORPORATION, LTD. 765 / 400KV AIS S/S ARIVALUR IN VILLUPURAM			NAME OF CUSTOMER/PROJECT கனகசபை கல் திட்டம்		
CONCEPTUAL CONTROL ROOM BUILDING LAYOUT FOR 765 / 400KV S/S ARIVALUR			தலைப்பு / தலைப்பின் விவரம் భారత్ హెవీ ఎలక్ట్రికల్స్ లిమిటెడ్ భారత్ హెవీ ఎలక్ట్రికల్స్ లిమిటెడ్ TRANSMISSION PROJECTS DIVISION		
భూముని / SCALE NTS			భూముని / SCALE NTS		
డ్రాఫ్ట్ గ్రేడ్ CABO CODE			డ్రాఫ్ట్ గ్రేడ్ CABO CODE		
డ్రాఫ్ట్ / NAME MM			డ్రాఫ్ట్ / NAME MM		
డ్రాఫ్ట్ / SIGN -SD- 20.06.17			డ్రాఫ్ట్ / SIGN -SD- 20.06.17		
డ్రాఫ్ట్ / REV TB-3-394-316-010			డ్రాఫ్ట్ / REV TB-3-394-316-010		
డ్రాఫ్ట్ / SHEET No 01			డ్రాఫ్ట్ / SHEET No 01		
డ్రాఫ్ట్ / SHEET No 02			డ్రాఫ్ట్ / SHEET No 02		



FIRST FLOOR PLAN

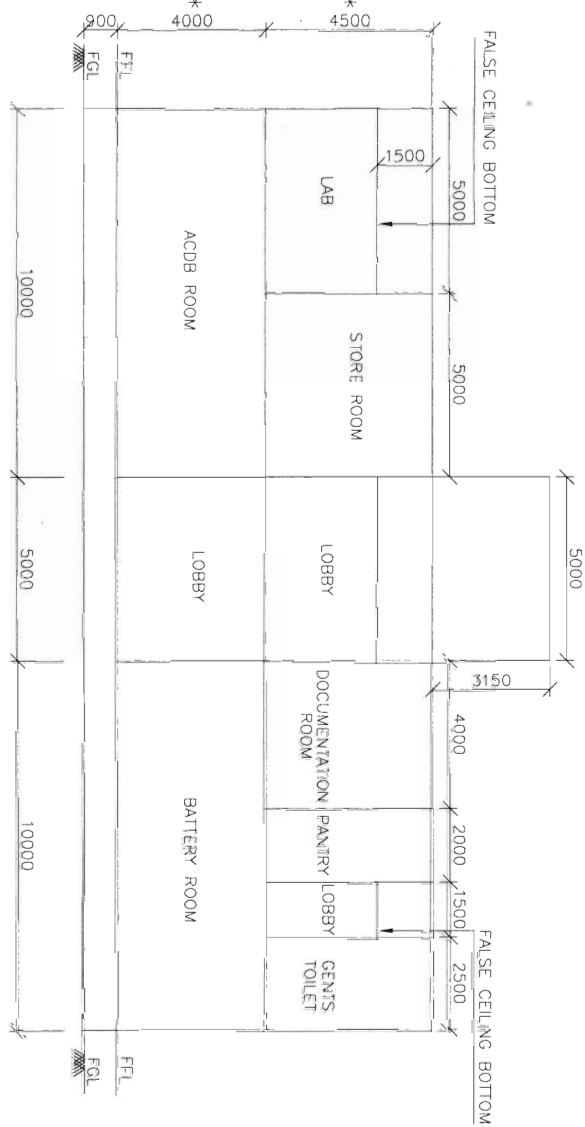


NOTES:-

1. ALL DIMENSION ARE IN mm.
 2. SEPARATE DRAWING SHALL BE SUBMITTED FOR DETAILED ARCHITECTURE AND TRENCH LAYOUT OF CONTROL ROOM BUILDING.
 3. STORE, BATTERY, PANTRY AND TOILET SHALL BE PROVIDED WITH EXHAUST FAN.
 4. THE DIMENSION AND ARRANGEMENT OF PANELS INSIDE ROOM ARE INDICATIVE AND SHALL BE FINALISED DURING DETAILED ENGINEERING.
 5. INDIVIDUAL DIMENSIONS AS INDICATED HERE SHOULD BE TREATED AS MINIMUM CLEAR DIMENSIONS OF ROOM DURING DETAILED ENGINEERING. ALL REQUIREMENTS OF SPECIFICATION WITH RESPECT TO CIVIL ARCHITECTURAL AND ELECTRICAL ARE TO BE TAKEN CARE OF.
 6. ALUMINIUM GLAZED WINDOW SHALL BE PROVIDED IN THE FIRST FLOOR (AROUND THE CONTROL ROOM) TO HAVE A CLEAR VIEW OF SWITCHYARD EQUIPMENT
 7. CONTROL ROOM, ACDB ROOM, DCDB ROOM, BATTERY ROOM SHALL BE PROVIDED WITH FIRE PROOF DOOR. THE FIRE PROOF DOOR SHALL BE RATED FOR A MINIMUM OF TWO HOURS.
 8. FALSE CEILING WITH UNDER DECK INSULATION SHALL BE PROVIDED IN LAB, FOTE ROOM, LOBBY OF FIRST FLOOR, CONFERENCE HALL, JE & AEE OFFICE ROOM AND CONTROL ROOM.
 9. FOTE ROOM, LAB, CONFERENCE HALL, JE OR AEE OFFICE, EEE OFFICE ROOM AND CONTROL ROOM SHALL BE PROVIDED WITH SPLIT AC.
 10. ACDB, DCDB, DOCUMENTATION ROOM AND STORE SHALL BE PROVIDED WITH CEILING FAN.
 11. LIGHTING PANEL AND FIRE ALARM PANEL WILL BE WALL MOUNTED.
 12. THE HEIGHT OF DOOR FOR ACDB, DCDB AND CONTROL ROOM SHALL BE 3 METER.
- DETAILS OF CIRCULAR OPENING HOLES IN CONTROL ROOM BLDG.**
1. (A) - CIRCULAR OPENING Ø 550MM FOR EXHAUST FANS SHALL BE PROVIDED AT A ELEVATION OF 2500MM (BOTTOM OF OPENING) FROM FFL.
 2. (B) - CIRCULAR OPENING Ø 400MM FOR EXHAUST FANS SHALL BE PROVIDED AT A ELEVATION OF 2500MM (BOTTOM OF OPENING) FROM FFL.

LEGEND:-

- ACDB = AC DISTRIBUTION BOARD
DCDB = DC DISTRIBUTION BOARD
FFL = FINISHED FLOOR LEVEL
FGL = FINISHED GROUND LEVEL
F = FRUNT
= PAVEMENT
FC = FALSE CEILING
AC = AIR CONDITIONING (SPLIT AC)



SECTION A-A

* (DIMENSION FFL TO FFL)

COMPUTER DRG. PATH NAME :		COPY RIGHT AND CONFIDENTIAL	
INVENTORY No.	SIGN. & DATE	REF. DRG. No.	
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TAMILNADU TRANSMISSION CORPORATION, LTD.	
765/400KV AIS S/S ARIVALUR IN VILLUPURAM	
NAME OF CUSTOMER/PROJECT	
W.O.No. 86009	
STATUS OF DRAWING CONTRACT	
DISTRIBUTION OF PRINTS	
REV. DATE	
01 21.07.17	
CHECKED BY/RS	
APPROVED BY/RS	
FOTE ROOM & FIRE NZ INJECTION PANEL INCLUDED	
CONCEPTUAL CONTROL ROOM BUILDING LAYOUT FOR 765/400KV S/S ARIVALUR	
TB-3-394-316-010	
01	