

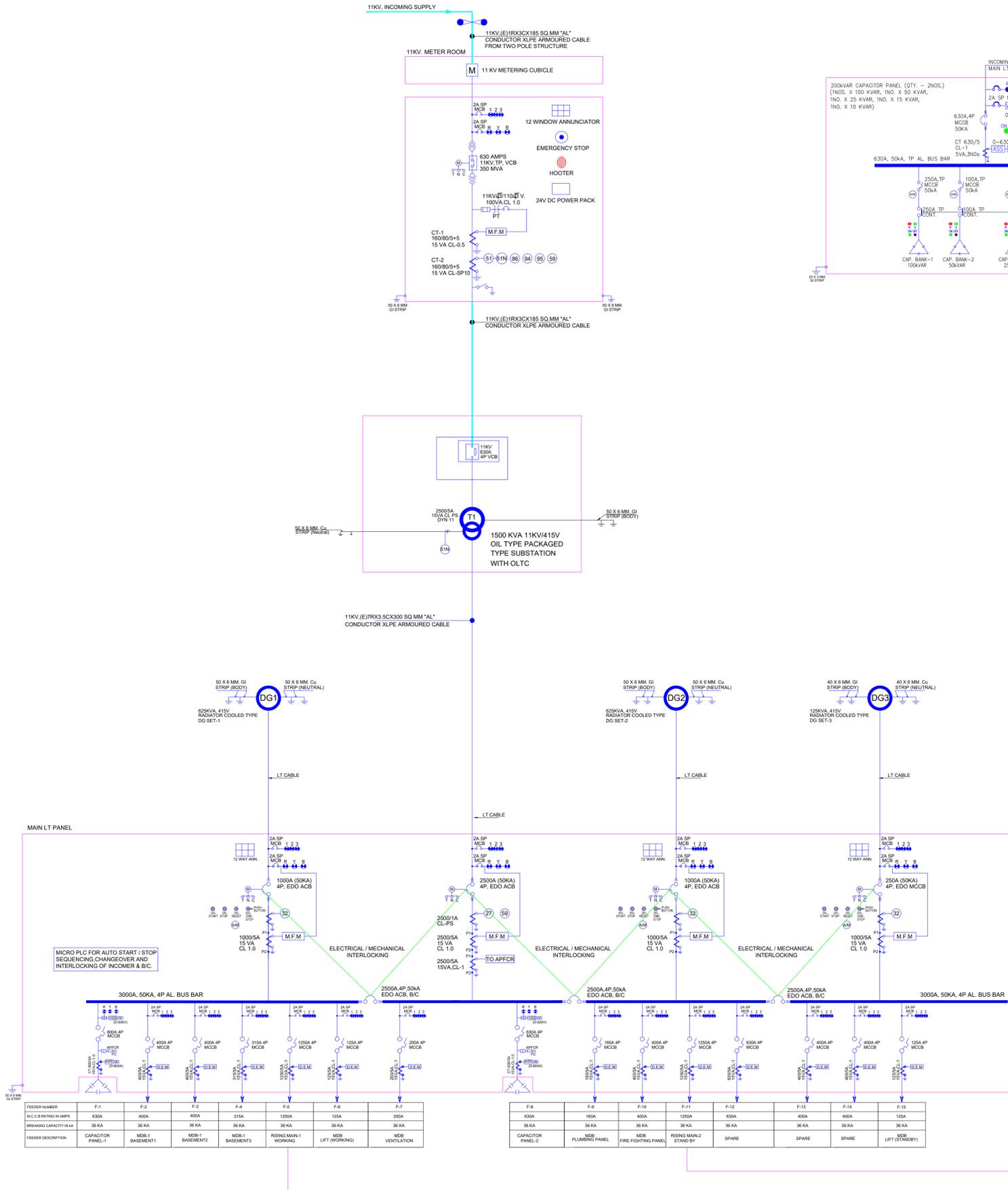
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ELECTRICAL LEGENDS -

S.NO.	DESCRIPTION	SYMBOLS
1.	VACUUMERS CIRCUIT BREAKER	
2.	DISTRIBUTION TRANSFORMER	
3.	AIR CIRCUIT BREAKER	
4.	INCULCATED CASE CIRCUIT BREAKER	
5.	MINIATURE CIRCUIT BREAKER	
6.	BREAKER CONTROL SWITCH TRIP/RESET/LOCK	
7.	MOTOR	
8.	POTENTIAL TRANSFORMER	
9.	CURRENT TRANSFORMER	
10.	MULTIFUNCTION METER	
11.	AUTOMATIC POWER FACTOR CORRECTION	
12.	RESTRICTED EARTH FAULT RELAY	
13.	WINDOW ANNUNCIATOR	
14.	EMERGENCY STOP PUSH BUTTON	
15.	WINDING TEMPERATURE INDICATION	
16.	24V DC POWER PACK	
17.	HOOTER	
18.	EARTHING SWITCH	
19.	CAPACITOR BANK	
20.	CAPACITOR DUTY CONTACTOR	
21.	AUTO MANUAL SWITCH	
22.	PUSH BUTTON	
23.	REVERSE POWER RELAY	
24.	INSTANTANEOUS OVER CURRENT RELAY	
25.	INSTANTANEOUS EARTH FAULT RELAY	
26.	IDENT TYPE OVER CURRENT RELAY	
27.	IDENT TYPE EARTH FAULT RELAY	
28.	UNDER VOLTAGE RELAY	
29.	OVER VOLTAGE RELAY	
30.	MASTER TRIP RELAY	
31.	ANTI PLAMING RELAY	
32.	TRIP CIRCUIT SUPERVISION RELAY	
33.	BREAKER 'ON' INDICATOR	
34.	BREAKER 'OFF' INDICATOR	
35.	BREAKER TRIP INDICATOR	
36.	TRIP CIRCUIT SUPERVISION RELAY	
37.	SPRING CHARGED INDICATOR	
38.	'R' PHASE INDICATOR	
39.	'Y' PHASE INDICATOR	
40.	'B' PHASE INDICATOR	
41.	AMMETER WITH SELECTOR SWITCH	
42.	VOLTMETER WITH SELECTOR SWITCH	
43.	DUAL ENERGY METERS	

Notes.

- All the Transformers & DG I/C ACB's of Main LT Panel shall have O/C, S/C & E/F protection with microprocessor protection release having display.
- The displays of all the protection releases of ACB's should work even in case of no-load on that particular ACB or in case of tripped condition of ACB.
- All the ACB's of the Main LT Panel should have Zone selective interlocking (ZSI) Provision.
- All the O/G Feeders of LT Panel shall have dual source digital energy meters (DEM).
- All the O/G MCCB's shall have O/C, S/C and E/F protection using external module.
- The outgoing MCCB's upto 250 Amp shall have TM protection release, Above 250 Amp all MCCB's shall have microprocessor protection release.
- All MCCB's are to have Ics = Icu = Icw = 100%.
- Capacitor Banks shall be Provided with 7% Detuned Filters.
- ALL O/G of Main LT Panel to be 4P.
- ALL incomer ACB and B/C of Main LT Panel shall have local Remote select switch and TNC switch.



SUBMISSION DRAWING

REV.	NO.	DATE	DESCRIPTION
REVISIONS			

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Project: IMPERIAL SQUARE AT KANPUR

DRAWING TITLE: ELECTRICAL LAYOUT MAIN SCHEMATIC DIAGRAM

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