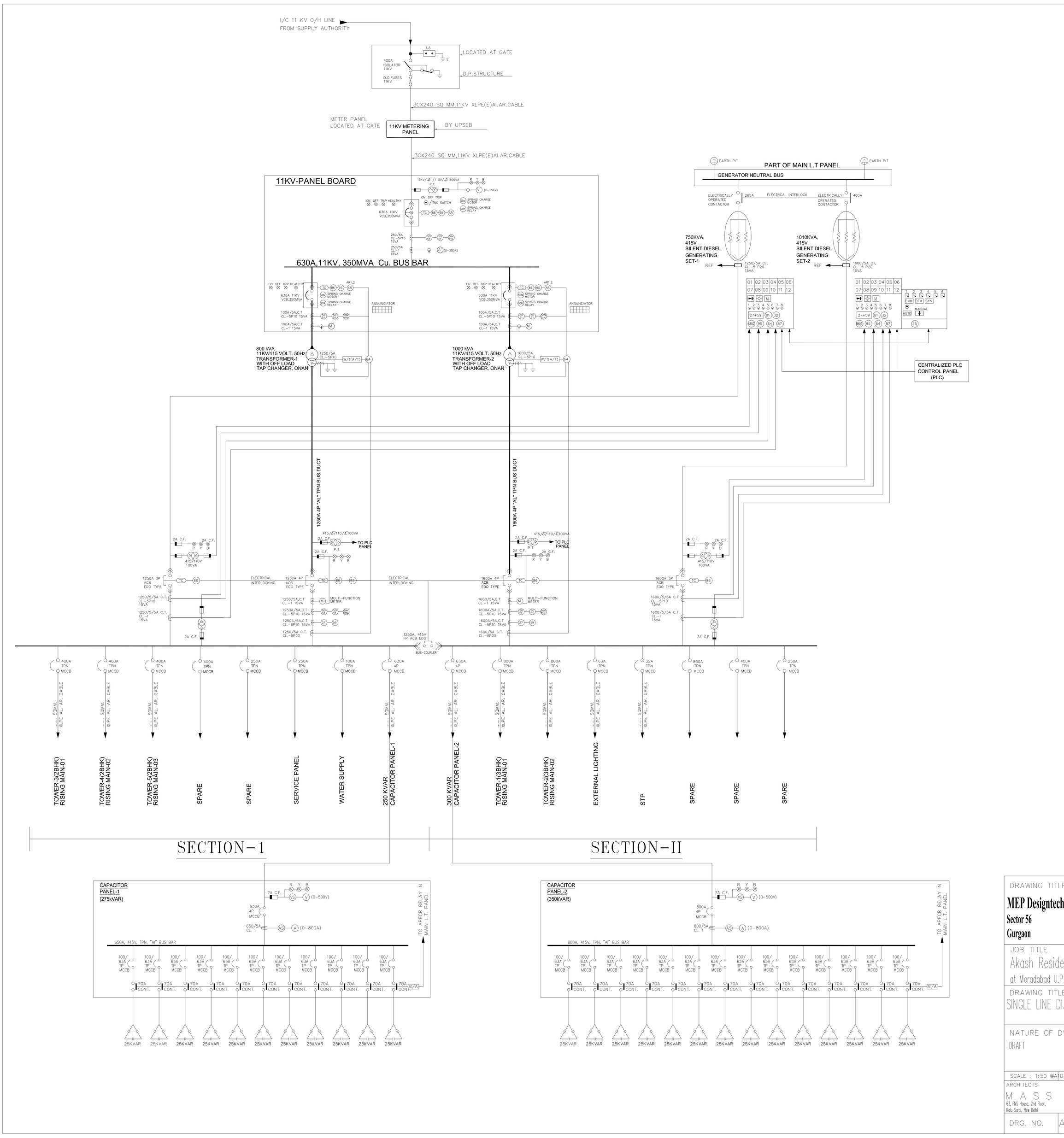

LEGEND

SYMBOL	DESCRIPTION
TC	TRIP COIL
86	MASTER TRIP RELAY
⊗	PHASE INDICATION LIGHT
	3POLE VCB 33 KV ELECTRICALLY OPERATED
	AIR CIRCUIT BREAKER DRAW OUT TYPE EDO/MDO AS SPECIFIED WITH MICROPROCESS BASED OLR, SCR, E/F RELAY
81	UNDER/OVER FREQUENCY
32	REVERSE POWER
86G	GENERATOR LOCK OUT
64	RESTRICTED EARTH FAULT PROTECTION RELAY
50	INSTANTANEEOUS OVER CURRENT RELAY
51	A.C. TIME OVER CURRENT RELAY
50N	EARTH FAULT RELAY
51N	INSTANTANEEOUS EARTH FAULT RELAY
R Y B	RED, YELLOW, BLUE
W/T(A/T)	WINDING TEMPERATURE INDICATOR WITH ALARM & TRIP CONTACTS
	POTENTIAL TRANSFORMER
V	VOLTMETER
VS	VOLTMETER SELECTOR SWITCH
A	AMMETER
AS	AMMETER SELECTOR SWITCH
95	TRIP CIRCUIT SUPERVISION RELAY
25	CHECK SYNCHRONISING RELAY
27	UNDER VOLTAGE RELAY
59	OVER VOLTAGE RELAY
AR	AUXILIARY RELAY
PLC	PROGRAMMABLE LOGIC CONTROL
	HRC FUSE
	MOULDED CASE CIRCUIT BREAKER
TVM	TRI-VECTOR METER
1	PUSH BUTTON FOR EMERGENCY STOP
2	PUSH BUTTON FOR ENGINE START
3	PUSH BUTTON FOR ENGINE STOP
4	JOY-STICK FOR POTENTIOMETER -VOLTAGE-HIGH/LOW
5	JOY-STICK FOR GOVERNOR CONTROL
6	PUSH BUTTON FOR ACKNOWLDGE
7	PUSH BUTTON FOR RESET
8	SPARE
1	SYNCHRINISING SWITCH
2	AUTO-MANUAL SWITCH
3	DC ON/OFF SWITCH
4	BATTERY CHARGER ON/OFF SWITCH
5	THREE WAY GENERATOR SELECTOR SWITCH
6	AUXILLIARY SUPPLY ON/OFF SWITCH
MP	MOTORISED POTENTIOMETER FOR AVR
	AUDIO/VISUAL INDICATION
	CONTROL TRANSFORMER
M/EM	MULTIFUNCTION METER WITH 3-LINE DISPLAY & SELECTOR SWITCH FOR A,V,F,PF,KW,KVA,KVAR,KWH ETC.
DVM	DOUBLE VOLT METER
DFM	DOUBLE FREQUENCY METER
SYN	SYNCHRONO SCOPE
87	DIFFERENCIAL PROTECTION RELAY

DRAWING TITLE

MEP Designtech
Sector 56
Gurgaon

JOB TITLE
Akash Residency
at Moradabad U.P.

DRAWING TITLE
SINGLE LINE DIAGRAM

NATURE OF DWG.- DRAFT

SCALE : 1:50 @A1 | DATE 4 Feb 2015 | DRAWN :

ARCHITECTS
M A S S & V O I D
63, FNS House, 2nd Floor,
Kalu Sarai, New Delhi

DRG. NO. AR/EL/SLD/R-03