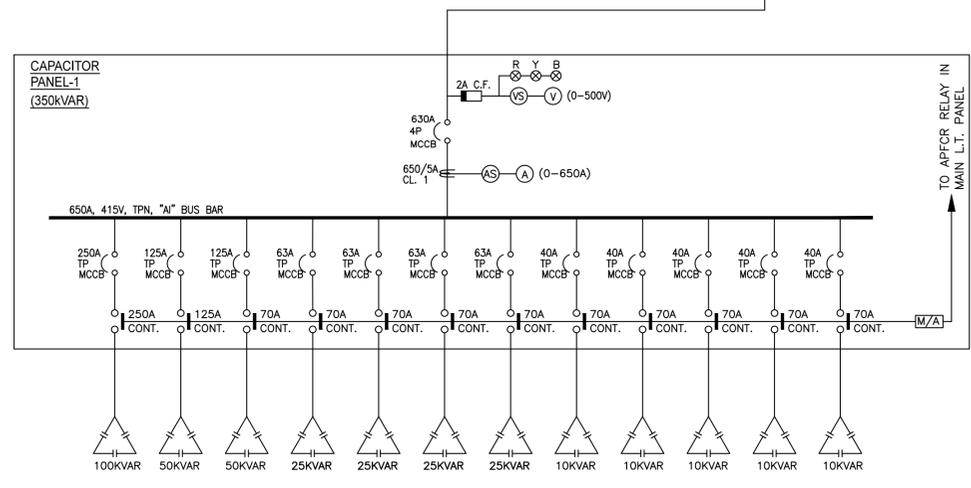


SECTION-1



| LEGEND | |
|------------|----------------------------------------------------------------------------------------------------|
| SYMBOL | DESCRIPTION |
| (TC) | TRIP COIL |
| (MR) | MASTER TRIP RELAY |
| (PIL) | PHASE INDICATION LIGHT |
| (3P) | 3POLE VCB 33 KV ELECTRICALLY OPERATED |
| (AR) | AR CIRCUIT BREAKER DRWN OUT TYPE EDO/ MDO AS SPECIFIED WITH MICROPROCESS BASED OLR, SCR, E/F RELAY |
| (UO) | UNDER/OVER FREQUENCY |
| (RF) | REVERSE POWER |
| (GLO) | GENERATOR LOCK OUT |
| (REF) | RESTRICTED EARTH FAULT PROTECTION RELAY |
| (OVC) | INSTANTANEOUS OVER CURRENT RELAY |
| (TOC) | A.C. TIME OVER CURRENT RELAY |
| (EFR) | EARTH FAULT RELAY |
| (IEFR) | INSTANTANEOUS EARTH FAULT RELAY |
| (R Y B) | RED, YELLOW, BLUE |
| (W/T(A/T)) | WINDING TEMPERATURE INDICATOR WITH ALARM & TRIP CONTACTS |
| (PT) | POTENTIAL TRANSFORMER |
| (V) | VOLTMETER |
| (V/S) | VOLTMETER SELECTOR SWITCH |
| (A) | AMMETER |
| (A/S) | AMMETER SELECTOR SWITCH |
| (SR) | TRIP CIRCUIT SUPERVISION RELAY |
| (CS) | CHECK SYNCHRONISING RELAY |
| (UR) | UNDER VOLTAGE RELAY |
| (OR) | OVER VOLTAGE RELAY |
| (AR) | AUXILIARY RELAY |
| (PLC) | PROGRAMMABLE LOGIC CONTROL |
| (F) | HRC FUSE |
| (MCCB) | MOULDED CASE CIRCUIT BREAKER |
| (TM) | 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 ACKNOWLEDGE |
| (7) | PUSH BUTTON FOR RESET |
| (8) | SPARE |
| (1) | SYNCHRONISING SWITCH |
| (2) | AUTO-MANUAL SWITCH |
| (3) | DC ON/OFF SWITCH |
| (4) | BATTERY CHARGER ON/OFF SWITCH |
| (5) | THREE WAY GENERATOR SELECTOR SWITCH |
| (6) | AUXILIARY SUPPLY ON/OFF SWITCH |
| (MP) | MOTORISED POTENTIOMETER FOR AVR |
| (AV) | AUDIO/VISUAL INDICATION |
| (C) | CONTROL TRANSFORMER |
| (M/EM) | MULTIFUNCTION METER WITH 3-LINE DISPLAY & SELECTOR SWITCH FOR A.V.F.P.F.W.K.V.A.K.W.K.W.H. ETC. |
| (DM) | DOUBLE VOLT METER |
| (DFM) | DOUBLE FREQUENCY METER |
| (SYN) | SYNCHRONO SCOPE |
| (DR) | DIFFERENTIAL PROTECTION RELAY |

JOB TITLE
Akash Meghdootam
at Moradbad U.P.

DRAWING TITLE
SINGLE LINE DIAGRAM

NATURE OF DWG. -
DRAFT

SCALE : 1:50 @A | DATE : | DRAWN :
ARCHITECTS

DRG. NO. | AM/EL/SLD/R-03