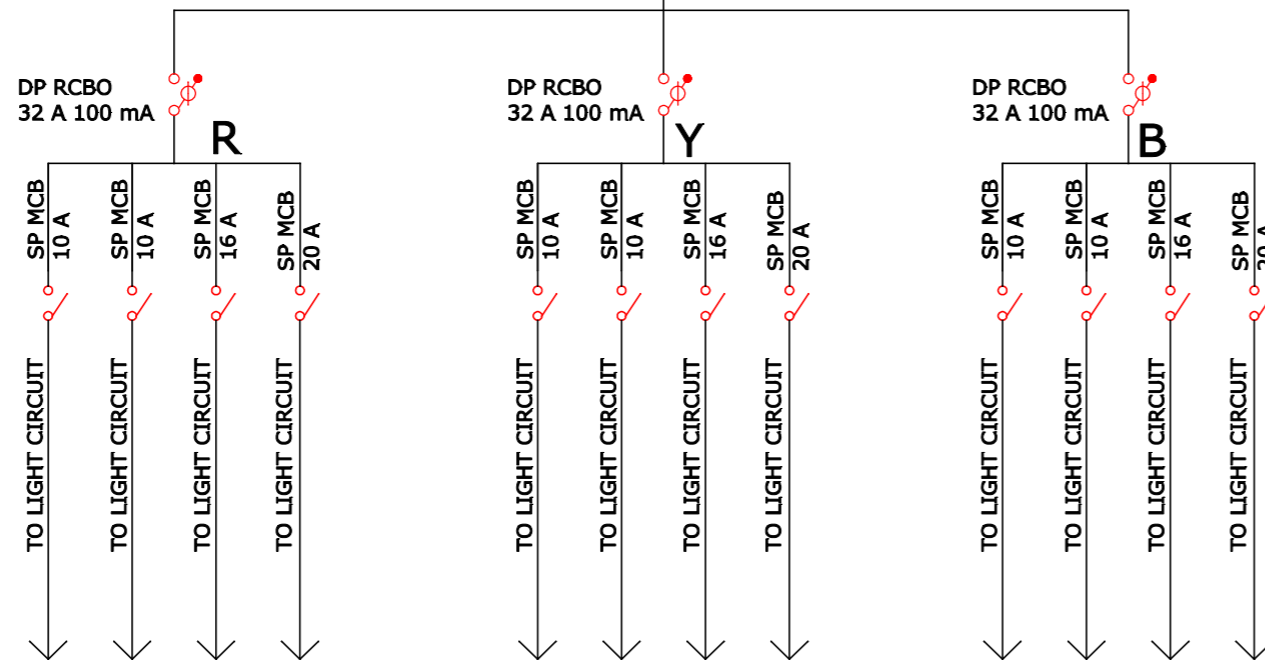


I/C CABLE 4CX10 sqmm AL. COND.
Armed ON CABLE TRAY FROM MAIN L.T PANEL

TPN HORIZONTAL PPI DB - 6 WAY
DOUBLE DOOR IP - 42

4P MCB ;10 KA
40 A



NO. OF DB'S = 01

REFER DRG. NO. - ELP-05

LEGEND	SAFETY / INDICATION DEVICES
	(MCB ,SP/TP/4P) MINITURE CIRCUIT BREAKER
	(MCCB ,TPN/4P) MOULDED CASE CIRCUIT BREAKER
	INDICATION LAMP
	DG SET
	HT/LT TRANSFORMER
	CONTACTOR ,TP/4P
	(ACB ,TPN/4P) AIR CIRCUIT BREAKER
	(TP/TPN) MOTOR PROTECTION CIRCUIT BREAKER WITH BUILT IN THERMAL O/L RELEASE VARIABLE
	11KV GO SWITCH WITH DROP OUT FUSES
	MF MULTI FUNCTION METER
	AUTO MANUAL SWITCH
	RCCB/ ELCB -(TPN/DP)
	START / STOP PUSH BUTTON
	MOTOR - KW
	KWH DUAL ENERGY METER (TO READ SEB / DG POWER CONSUMPTION)
	PPI PER PHASE ISOLATION WITH SEPARATE 'N' FOR EACH PHASE

NOTE :

1. Lighting Circuit Wiring from MCB to Primary Light Point With 2c x 2.5 sqmm + 1c x 1.0 sqmm(E) FRLS Copper Conductor wire.
2. Secondary Light Point Wiring from Primary Point /Loop Point with 2c x 1.5 sqmm + 1c x 1.0 sqmm (E) FRLS Copper Conductor wire.
3. 16 A Power Socket to Primary (First Socket) with 2 x 4 sqmm + 1c x 2.5 sqmm (E) & Secondary Socket with 2 x 2.5 sqmm + 1c x 1.5 sqmm Copper FRLS wire. Maximum 2 Power Sockets can be wired in One Circuit.
4. Maximum 4 no., 6 A Light Sockets can be wired in one Circuit with 2 x 2.5 sqmm + 1c x 1.5 sqmm (E) Copper FRLS wire.

PROJECT:
UNDER GROUND PARKING FOR
IMPROVEMENT TRUST AMRITSAR

SHEET TITLE:
SCHEMATIC ELECTRICAL DRAWING OF POWER SUPPLY
DISTRIBUTION FOR JOHRA GHAR &
ELECTRICAL ROOM (G.F)

DRG.NO. SLD-5 ENGINEER:
DATE: 02.05.2013
REVISION:

BALWINDER SINGH ENGG. CONSULTANTS

OFFICE:24/8,INDUSTRIAL AREA,PHASE-II,CHANDIGARH
BRANCH OFFICE:W2/313,TEACHERS COLONY,HIRA MAHAL,NABHA.
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