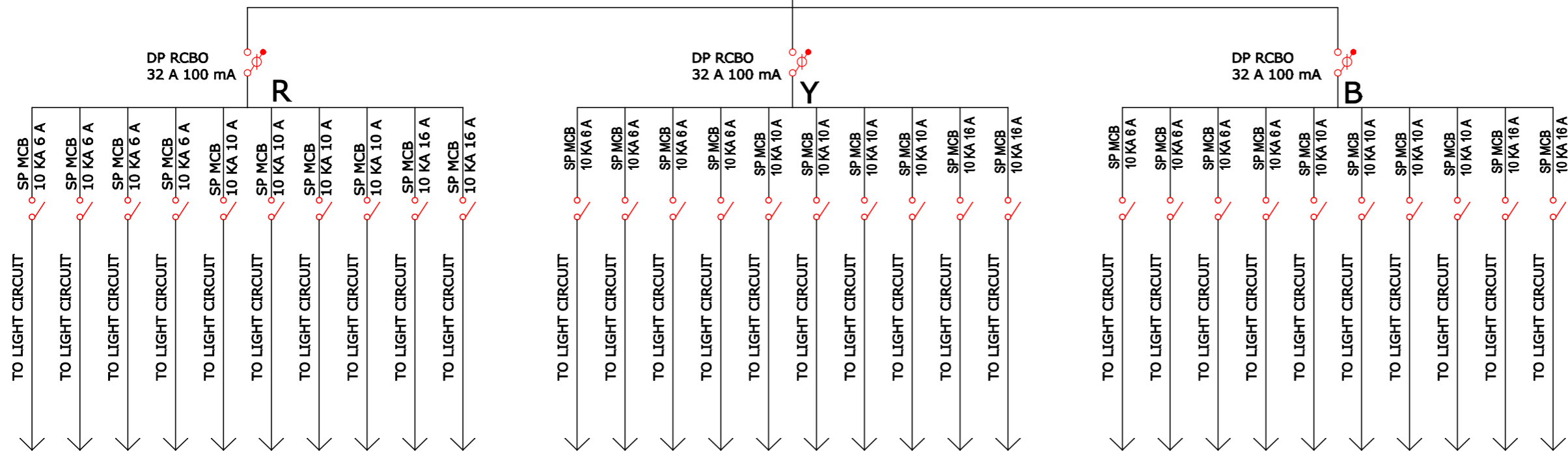


I/C CABLE 4CX10 sqmm AL. COND.
 Armed ON CABLE TRAY FROM MAIN L.T PANEL

TPN HORIZONTAL PPI DB - 12 WAY
 DOUBLE DOOR IP - 42

4P MCB ;10 KA
 50 A



NO. OF DB'S IN LOWER BASEMENT FLOOR = 02

REFER DRG. NO. - ELP-02

LEGEND	SAFETY / INDICATION DEVICES
	(MCB ,SP/TP/4P) MINTURE 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
	MULTI FUNCTION METER
	AUTO MANUAL SWITCH
	RCCB/ ELCB -(TPN/DP)
	START / STOP PUSH BUTTON
	MOTOR - KW
	DUAL ENERGY METER (TO READ SEB / DG POWER CONSUMPTION)
	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 FOR DISTRIBUTION FOR LIGHTING
 D.B'S OF LOWER BASEMENT PARKING AREA

DRG.NO. SLD-1

DATE: 02.05.2013

REVISION:

ENGINEER:

BALWINDER SINGH ENGG. CONSULTANTS

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