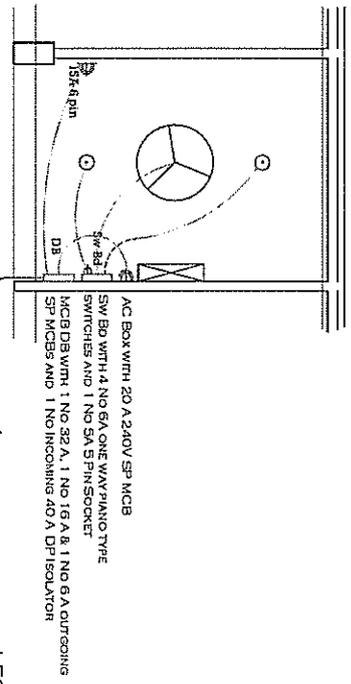


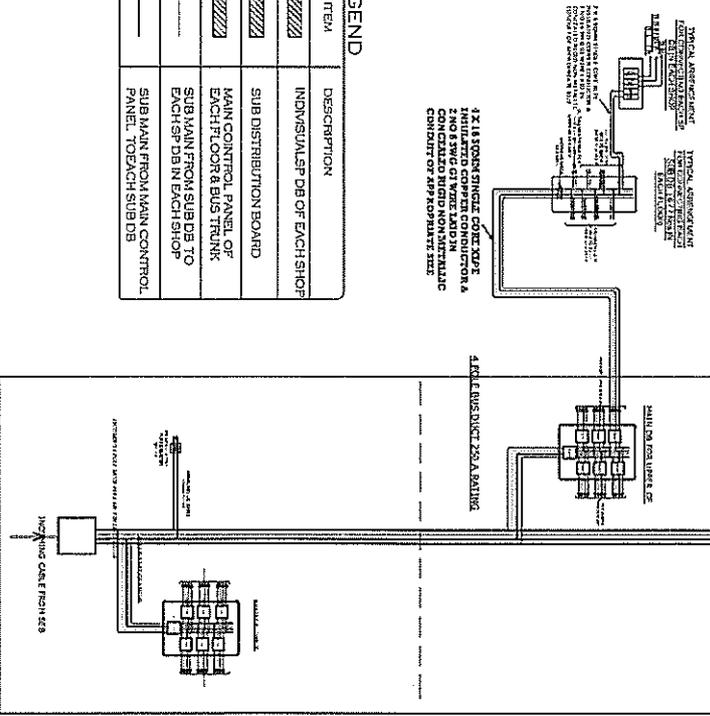
TYPICAL SYSTEM OF SUB DB'S WITH DISTRIBUTION OF LOAD, SUBMAIN WIRING IN EACH FLOOR AND PERIMETER POST TO LAMP FIXTURES AND OTHER CONNECTION WITH DIFFERENT PHASES



INT. ELECTRIFICATION OF EACH SHOP

LEGEND

ITEM	DESCRIPTION
[Hatched Box]	INDIVIDUAL SP DB OF EACH SHOP
[Hatched Box]	SUB DISTRIBUTION BOARD
[Hatched Box]	MAIN CONTROL PANEL OF EACH FLOOR & BUS TRUNK
[Hatched Box]	SUBMAIN FROM SUB DB TO EACH SP DB IN EACH SHOP
[Hatched Box]	SUB MAIN FROM MAIN CONTROL PANEL TO EACH SUB DB



4 POLE BUS DUCT WITH COPPER BUS BARS 600 A RATING

BUS DUCT & DISTRIBUTION SYSTEM IN BUS DUCT

- NOTES: (See Detail)
- TOTAL LOAD OF CUB IS 333 KW. MAIN CONTROL MCB & 1 POLE 400 AMP / 74 KW.
 - FOR ESTIMATION / TENDER
 - FOR APPROVAL
 - FOR CONSTRUCTION
 - INTERNAL ELECTRIFICATION WILL BE PROVIDED IN CONCEALED PVC CONDUIT WITH PVC SHEATHED COPPER CONDUCTOR WITH 5% SLOPE.
 - ALL LIGHT AND CEILING FAN POINTS TO BE CARRIED OUT WITH 18 SQMM COPPER CONDUCTOR & 0.75 SQMM COPPER EXTERNAL CONDUCTOR. ALL ISOLATED THIS WIRING FOR IS ASP SOCKET POINTS TO BE CARRIED OUT WITH 18 SQMM COPPER CONDUCTOR & 1.5 SQMM COPPER EXTERNAL CONDUCTOR & 1.5 SQMM COPPER EXTERNAL CONDUCTOR.
 - WIRING FOR AC POINTS TO BE PROVIDED CONTROLLED BY ONE 12 AMP MCB FOR AC 5 WIRING WITH 4 SQMM COPPER CONDUCTOR. 22 SQMM COPPER EXTERNAL CONDUCTOR.
 - SWITCHES TO BE PROVIDED AT OF AND IN BUS DUCT WORK.

FOR CONSTRUCTION

No.	Revisions	Date

TITLE: INTERNAL ELECTRIFICATION (UPPER & LOWER FLOOR)

PROJECT: LOCAL SHOPPING, C-3 AT ELDECO CITY, 11.M. ROAD, LUCKNOW.

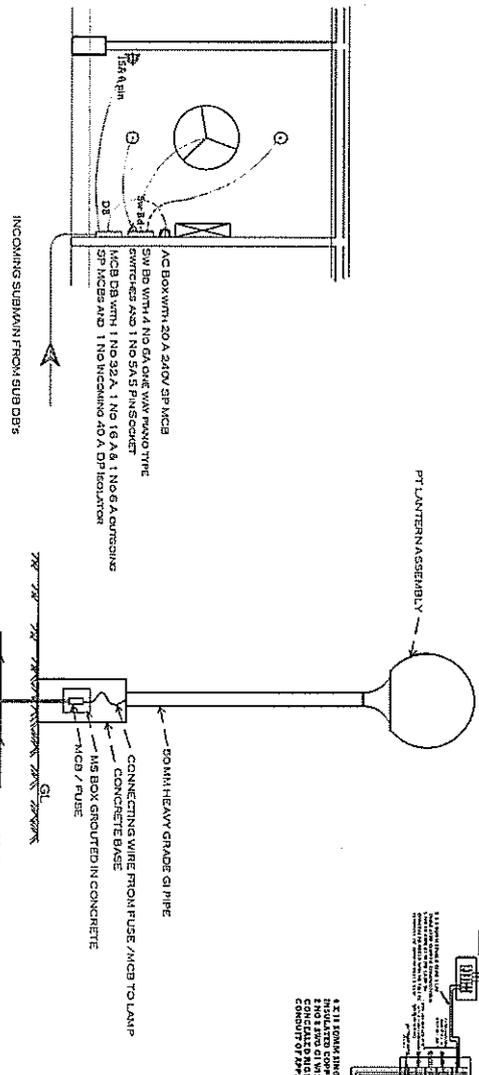
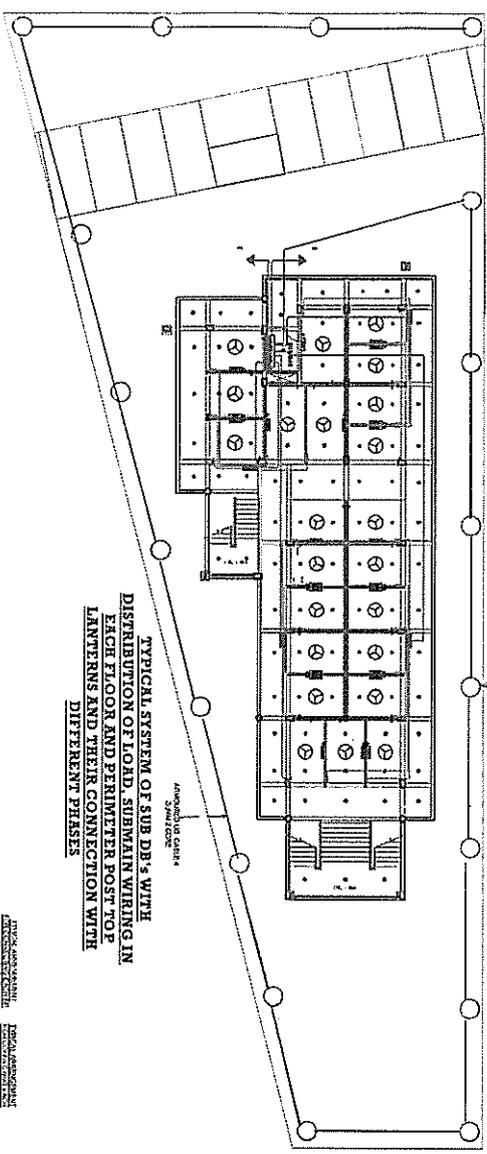
DESIGNED BY: RUPESH CHITRA LTD.

espraces

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Date:	07/12/2016
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Post Top Lanterns

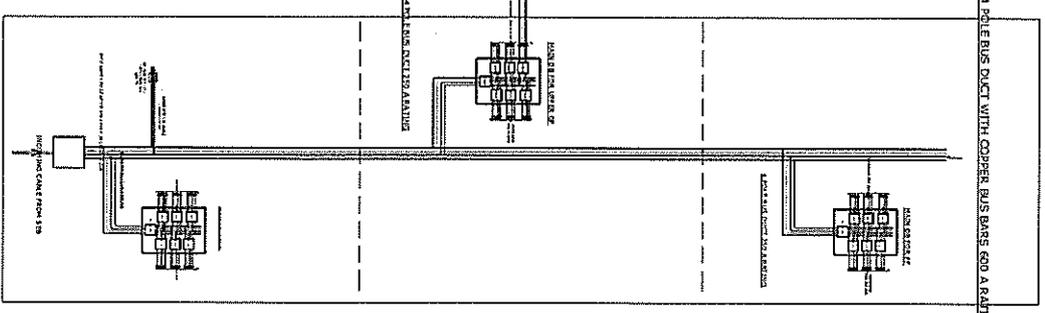


INT. ELECTRIFICATION OF EACH SHOP

LEGEND

ITEM	DESCRIPTION
[Symbol]	INDIVIDUAL SP DB OF EACH SHOP
[Symbol]	SUB DISTRIBUTION BOARD
[Symbol]	MAIN CONTROL PANEL OF EACH FLOOR & BUS TRUNK
[Symbol]	SUB MAIN FROM SUB DB TO EACH SP DB IN EACH SHOP
[Symbol]	SUB MAIN FROM MAIN CONTROL PANEL, TO SUB DB

BUS DUCT & DISTRIBUTION SYSTEM IN BUS DUCT



- NOTES (Electrical)
- TOTAL LOAD ON EACH 4 POLE BUS MAIN CONTROL PANEL 400 AMP
 - TOTAL LOAD OF EACH FLOOR IS 74 KW.
 - MAIN CONTROL IN C/A & PANEL IS 100 AMP
 - INTERNAL ELECTRIFICATION WIRE IN EACH SHOP SHALL BE PROVIDED BY CONTRACTOR WITH PVC SHEATHED COPPER CONDUCTOR TRUNKING.
 - WIRE FOR ALUMINUM AND GALVANIZED STEEL SHALL BE PROVIDED BY CONTRACTOR. COPPER CONDUCTOR 4.015 SQMM COPPER CONDUCTOR, ALPPE INSULATED PER GRADE 100 VOLTS RATING. POWER TO BE SHIPPED OUT WITH 4.015 SQMM COPPER EARTH CONDUCTOR & 1.5 SQMM COPPER EARTH CONDUCTOR SHALL BE PROVIDED BY CONTRACTOR. WIRE SHALL BE PROVIDED BY CONTRACTOR. WIRE SHALL BE PROVIDED BY CONTRACTOR.
 - CONDUCTOR SHALL BE PROVIDED BY CONTRACTOR BY ONE 25 AMP MCB FOR AC & WIRING WITH 4.0 SQMM COPPER EARTH CONDUCTOR & 2.5 SQMM COPPER EARTH CONDUCTOR SHALL BE PROVIDED BY CONTRACTOR.
 - TWO NOE FLAME / PIPE FLASHING WITH CI STRIP TO BE PROVIDED AT GP AND CONNECTED WITH MAIN INCOMING PANEL IN BUS DUCT ROOM.

FOR CONSTRUCTION

FOR APPROVAL

FOR ESTIMATION/TENDER

FOR CONSTRUCTION

NO.	REVISED	DATE
1	Revise	DATE

TITLE: INTERNAL ELECTRIFICATION LOWER GROUND FLOOR

PROJECT: LOCAL SHOPPING, C-3 AT ELDECO CITY, I.I.M. ROAD, JALUKRUM, MADRAS CITY (P) LTD.

espracos

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Checked By: _____
Date: 02.05.2016
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