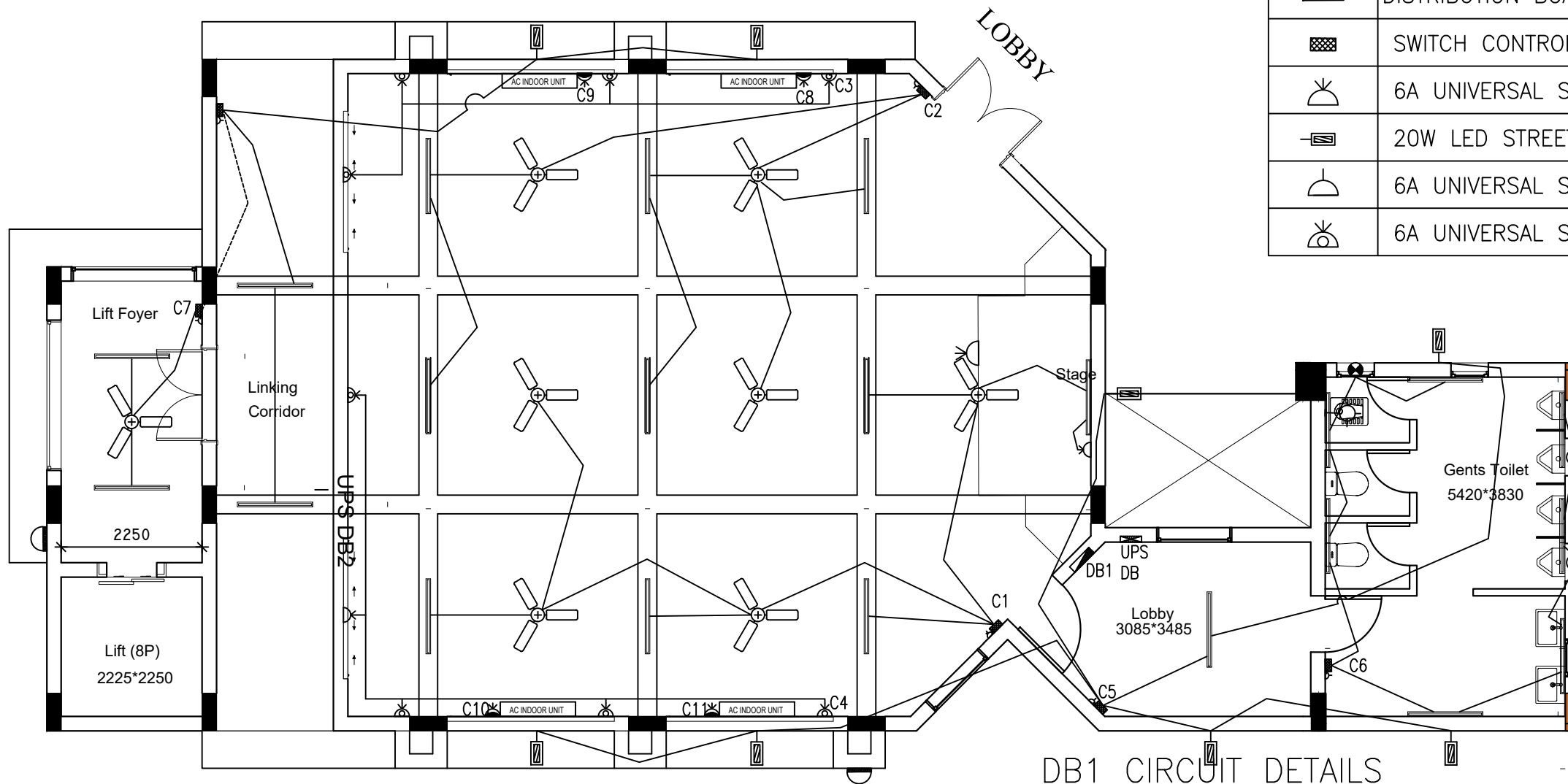


NOTES:

1. ALL THE CONDUITS USED IN THE WORK SHOULD BE OF 20/25 MM DIA 2 MM THICK FRLS PVC CODNUIT
2. ALL THE DISTRIBUTION BOARDS SHOULD BE RECESSED IN WALL
3. JUNCTION BOXES ARE PERMITTED ONLY ABOVE DB
4. INDIVIDUAL CONDUIT TO BE LAID FOR EACH CIRCUIT
5. CONDUIT LAYOUT SHOWN IS ONLY FOR GENERAL GUIDENCE
6. CONTRACTOR TO PREPARE WORKING DRAWING FOR CONDUIT LAYOUT AND OBTAIN APPROVAL FROM
7. SUPPLY TO PANEL TAPPED FROM A BLOCK GIRLS HOSTEL
8. THE LOCATION OF DBS, SWITCH BOXES ETC., MARKED ARE TENTATIVE AND SUBJECT TO REVISION AS PER SITE REQUIREMENT



| LEGEND |                                                                                              |
|--------|----------------------------------------------------------------------------------------------|
| SYMBOL | DESCRIPTION                                                                                  |
|        | PHILIPS TYPE LED LIGHT FITTING TMC 502 1 X LED<br>WITH 1 X 18W MASTER LED LAMP @ BEAM BOTTOM |
|        | CEILING FAN 1200 MM SWEEP                                                                    |
|        | EXHAUST FAN (ML 2250)                                                                        |
|        | DISTRIBUTION BOARD (COMMON FOR LTG. & POWER)                                                 |
|        | SWITCH CONTROL BOX                                                                           |
|        | 6A UNIVERSAL SOCKET WITH CONTROL SWITCH                                                      |
|        | 20W LED STREET LIGHT FITTING WITH BRACKET                                                    |
|        | 6A UNIVERSAL SOCKET WITH SWITCH ON SWITCH BOARD                                              |
|        | 6A UNIVERSAL SOCKET WITH CONTROL SWITCH (FOR LAP TOP)                                        |



WIRING DETAILS:

LIGHT/FAN/6A SOCKET POINT WIRING  
3R 1.5 SQ.MM FRLS CU. WIRE IN 20/25 MM DIA.  
2 MM THICK PVC. CONDUIT  
LIGHTING CIRCUIT .  
2R 2.5 SQ.MM + 1R 1.5 SQ.MM FRLS CU. WIRE  
IN 20 MM DIA. 2 MM THICK PVC CONDUIT  
POWER CIRCUIT  
2R 4 SQ.MM + 1R 1.5 SQ.MM FRLS CU. WIRE  
IN 20 MM DIA. 2 MM THICK PVC CONDUIT  
DB1 MAINS  
4R 6 SQ.MM + 2R 1.5 SQ.MM FRLS CU. WIRE  
IN 32 MM DIA. 2 MM THICK PVC CONDUIT  
UPS FB MSIN  
3R 6 SQ.MM FRLS CU. WIRE IN 25 MM DIA.  
2 MM THICK PVC CONDUIT

DB1 CIRCUIT DETAILS

| No. | R PHASE      | Y PHASE      | B PHASE      |
|-----|--------------|--------------|--------------|
| DB1 | C1,C4,C7,C10 | C2,C5,C8,C11 | C3,C6,C9,C12 |

CCTS C1 TO C11. CCT C12 SPARE



**MADRAS SCHOOL OF ECONOMICS**  
**NEW CLASS ROOM**



ARCHITECTS:

J.2,"Maxis.Presidium" New # 2,Old # 63/1, L -  
Block,24 th street, Anna Nagar East, Chennai. 600 102.  
ctcdesign@yahoo.com

**GROUND FLOOR  
LIGHTING LAYOUT**

ELECTRICAL CONSULTANT  
G.N. MOHAN KUMAR  
64, 2nd MAIN ROAD  
NEW N G G O COLONY  
ADAMBAKKAM  
CHENNAI - 600 088  
email: mk\_elecons@rediffmail.com

| SCALE                    | 1 : 75 | DATE | 06.06.24 |
|--------------------------|--------|------|----------|
| DRG. NO.                 |        |      |          |
| MK/CTC/MSE/NCR/GF-LTG/24 |        |      |          |
| REV                      |        | DATE |          |