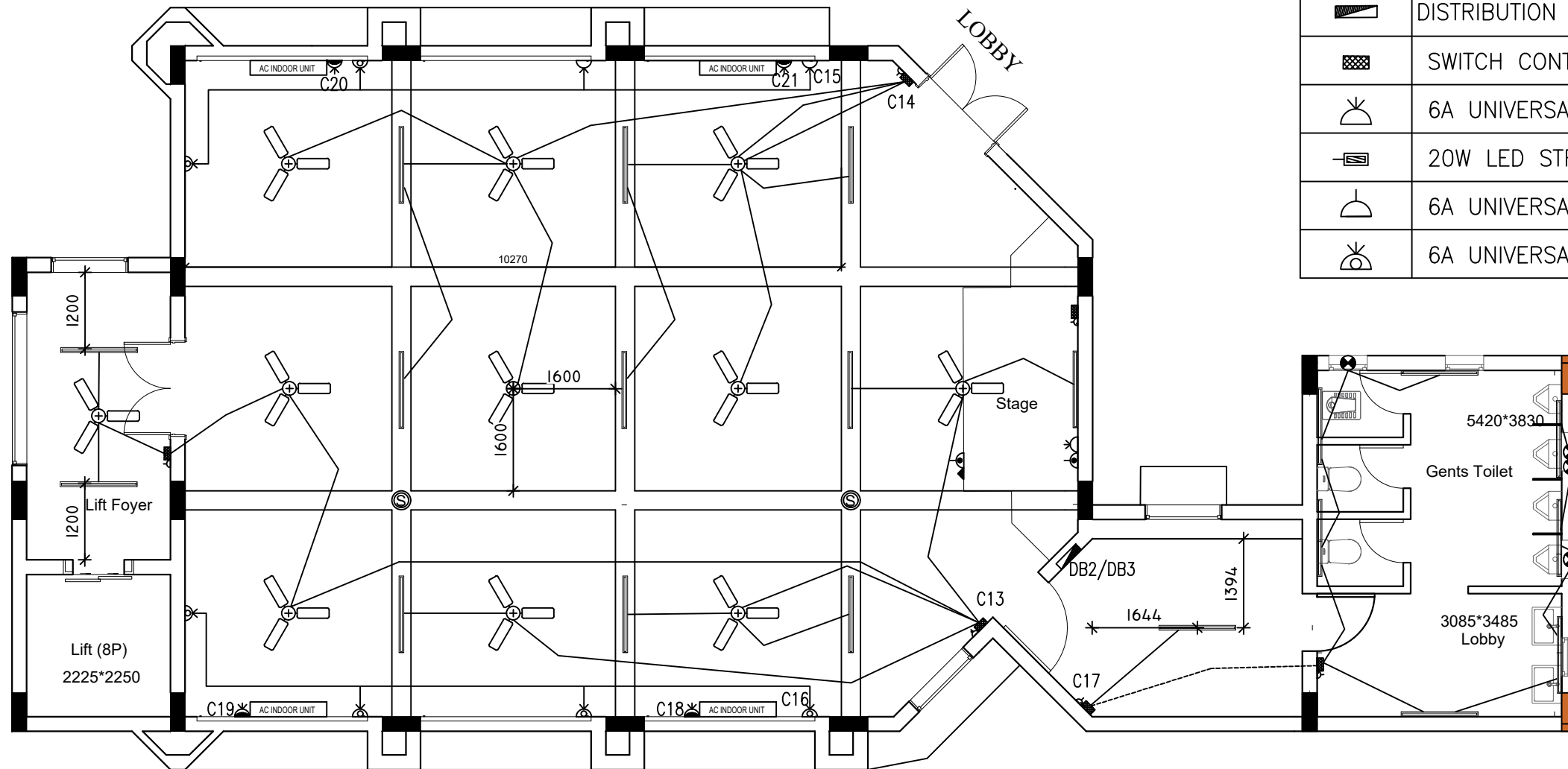


NOTES:

1. ALL THE CONDUITS USED IN THE WORK SHOULD BE OF 20/25 MM DIA 2 MM THICK FRLS PVC CONDUIT
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 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

DB2/DB3 CIRCUIT DETAILS

No.	R PHASE	Y PHASE	B PHASE
DB2	C13,C16,C19,C22	C14,C17,C20,C23	C15,C18,C21,C24
DB3	C25,C28,C31,C34	C26,C29,C32,C35	C27,C30,C33,C36

DB2 – FIRST FLOOR CCTS C13 TO C21. CCTS C22 TO C24 SPARE
 DB3 – SECOND FLOOR CCTS C25 TO C33. CCTS C34 TO C36 SPARE



MADRAS SCHOOL OF ECONOMICS
NEW CLASS ROOM

**FIRST & SECOND FLOOR
 LIGHTING LAYOUT**



Designers

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SCALE	1 : 75	DATE	06.06.24
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REV		DATE	