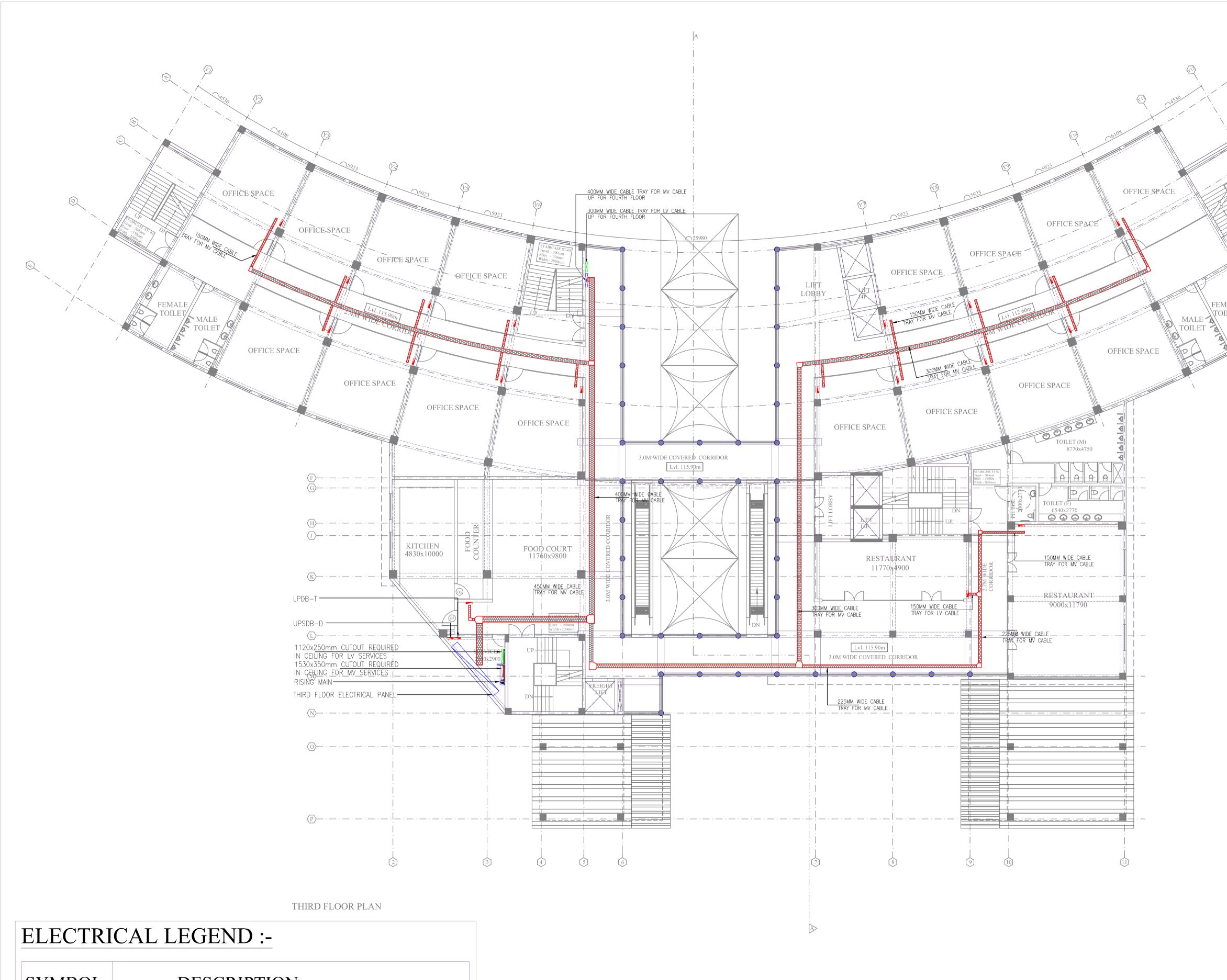


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REVISION	DATE	DESCRIPTION	ВҮ
R0	29.11.2017	FOR APPROVAL	NIKHIL TYAGI
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R3	04.10.2019	FOR APPROVAL	BUNTY
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SYMBOL	DESCRIPTION
	CABLE TRAY FOR LV
E323757575757575757575	CABLE TRAY FOR MV



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R3	04.10.2019	FOR APPRO	VAL	BUNTY
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				29.11.2017
SCALE-	:150	revision-		DATE OF ISSUE- 04.10.2019
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		DRAWN BY-		CHECKED BY-
		BUNTY		PANKAJ

DISTRI	BUTION BOARD:-LPDB-T		6 WAY SPN		LOC:-	-THIRD FLOC	R
CKT.	WIRE SIZE IN	SP MCB'S	LOCATION	NO. OF POINTS	LOAD IN WATTS		
NO.	SQ. MM."CU"	IN AMPS			R PHASE	Y PHASE	B PHASE
T1	2x1.5+1x1.5(E)	10	CORRIDOR AREA	07			140
T2	2x1.5+1x1.5(E)	10	CORRIDOR AREA	08			160
T3	2x1.5+1x1.5(E)	10	CORRIDOR AREA	09			180
T4	2x1.5+1x1.5(E)	10	CORRIDOR AREA	09			180
Т5	2x1.5+1x1.5(E)	10	TOILET	12		320	
T6	2x1.5+1x1.5(E)	10	CORRIDOR AREA	07	140		
Τ7	2x1.5+1x1.5(E)	10	CORRIDOR AREA	09	180		
Т8	2x1.5+1x1.5(E)	10	TOILET	12		320	
Т9	2x1.5+1x1.5(E)	10	CORRIDOR AREA	07	140		
T10	2x1.5+1x1.5(E)	10	CORRIDOR AREA	06	120		
T11	2x1.5+1x1.5(E)	10	TOILET	12		260	
T12	2x1.5+1x1.5(E)	10	TOILET	12		240	
T13			SPARE				
T14			SPARE				
T15			SPARE				
T16			SPARE				
T17			SPARE				
T18			SPARE				
ROM:			NOS 25 AMPS TPN RCCB 32mm ø CONDUIT	TOTAL	580W	1140W 2380W	660W

DISTRI	BUTION BOARD:-UPSDB-D	8 WAY	SPN	LOC:-THIRD F	'LOOR		
CKT.	WIRE SIZE IN	SP MCB'S	LOCATION	NO. OF POINTS	LOAD IN WATTS		
NO.	SQ. MM."CU"	IN AMPS			PHASE		
D1	2x1.5+1x1.5(E)	10	CORRIDOR AREA	05	100		
D2	2x1.5+1x1.5(E)	10	CORRIDOR AREA	10	200		
D3	2x1.5+1x1.5(E)	10	CORRIDOR AREA	12	240		
D4	2x1.5+1x1.5(E)	10	STARE & CORRIDOR	04	400		
D5			SPARE				
D6			SPARE				
D7			SPARE				
D8			SPARE				
FROM:	INCOMING : 25 AMP DP	MCB WITH 2	25 AMPS DP RCCB	TOTAL	1480W		
		2x2.5+1X1.5 IN 32mmø CONDUIT		GRAND TO	GRAND TOTAL 1.48 KW		

NOTES FOR ELECTRICAL

- 1. THE SIZE OF WIRES FROM SWITCH BOARD TO DIFFERENT LIGHT AND FAN POINTS SHALL BE 1.5 SQ. M.M.
- 2. 5 AMP. PLUG SHALL BE CONNECTED TO THE LIGHTING CKT. OF THAT AREA.
- 3. THE CONDUITS USED FOR WIRING SHALL BE AS FOLLOWS : SAME CONDUIT.
- a) HEAVY DUTY (2 MM THICK) : IN R.C.C. SLAB b) MEDIUM DUTY (1.5 MM THICK) : IN BRICK WALL
- 4. NO TWO DIFFERENT PHASE CIRCUIT / WIRE SHALL RUN TOGETHER THROUGH
- 5. LIGHT AND POWER CIRCUIT SHALL BE DRAWN THROUGH SEPARATE CONDUIT.
- 6. WIRING SHALL BE CARRIED OUT AS PER COLOUR CODE i.e. R, Y, B PHASES AND BLACK — NEUTRAL AND GREEN — EARTH.
- 7. THE POSITION MENTIONED IN LEGEND IS BOTTOM OF SWITCH BOARD / OUTLETS.
- 8. 230MM THICK WALL REQUIRED FOR DB MOUNTING.



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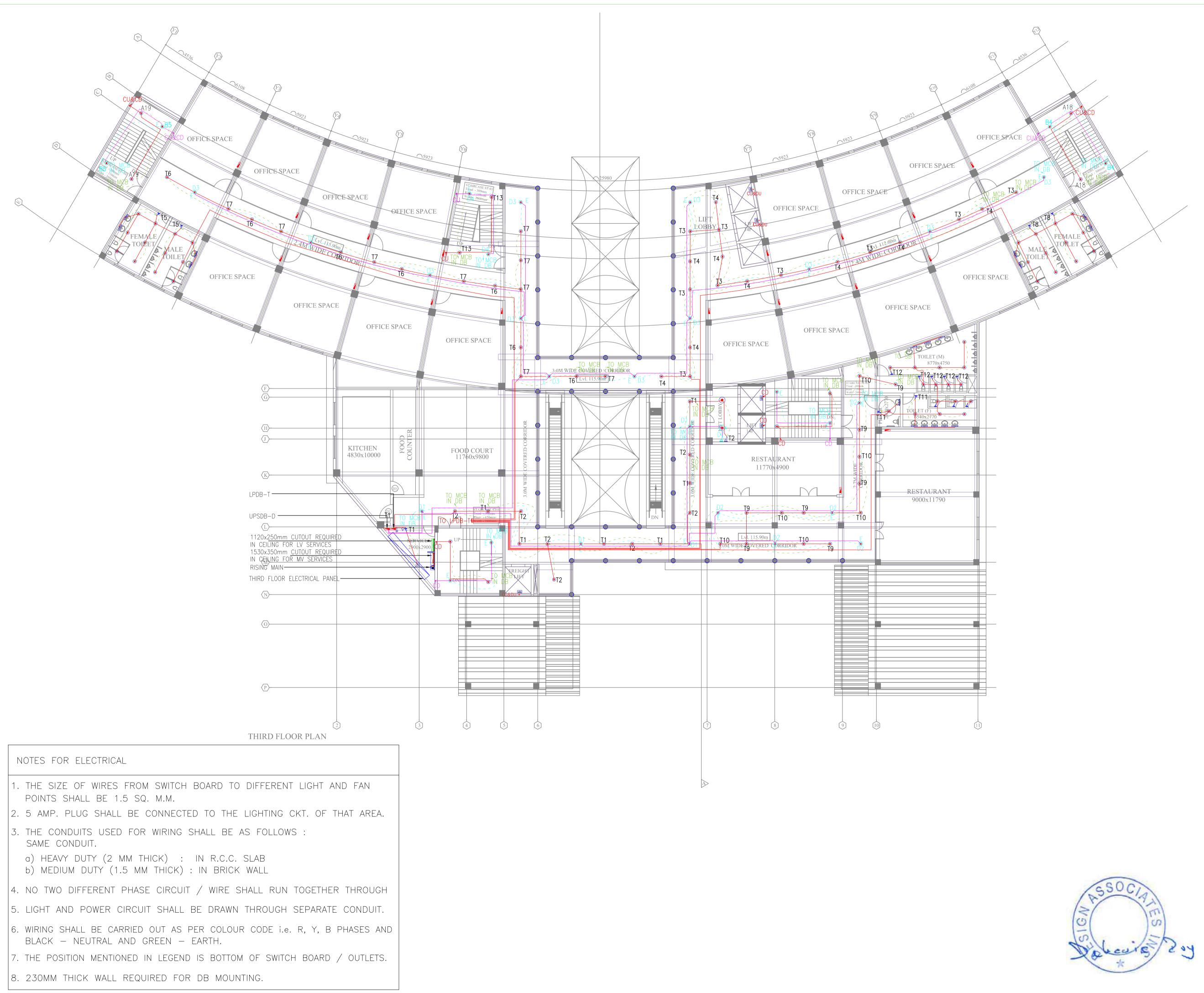
		PEI	ER WITHOUT RMISSION.	I PRIOR
		RICAL LEG		
	SYMBO		SCRIPTION	
	Þ>>		SWITCH BOARD	
	6 2		VAY SWITCH BOARD	
	((1×18WATT)) CFL LIGHT	
		(1×18WATT)) CFL EMERGENCY LIG	HT
		CEILING FA	AN	
		(1×15W) M	IIRROR LIGHT (LED)	
	⊢⊛	BRACKET L	LIGHT	
		1x20W BU	LK HEAD LIGHT	
		6A SWITCH	SOCKET	
		6/16A 5P	N SWITCH SOCKET	
		ССТУ		
	4	6A SOCKE	T FOR CCTV	
		LV JUNCTI	ON BOX	
		DISTRIBUTI	ON BOARD	
		25MMØ CON	IDUIT FOR LIGHT	
		25MMØ CON	IDUIT FOR EMERGENCY	
		25MMØ CON	IDUIT FOR POWER	
		25MMØ CON	IDUIT FOR UPS	
		25MMØ CON	IDUIT FOR LV	
REV	ISION	DATE	DESCRIPTION	BY
	20	28.11.2017	FOR APPROVAL	NIKHIL TYAC
	R1 R2	02.01.2018 31.01.2018	FOR APPROVAL FOR APPROVAL	NIKHIL TYAC
	23	21.05.2018	FOR APPROVAL	NIKHIL TYAC
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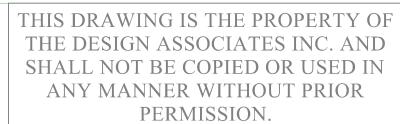
DRAWING TITLE-

THIRD FLOOR PLAN DB DETAIL LAYOUT

DRAWING PURPOSE-FOR TENDER PURPOSES ONLY

JOB NO	DWG. REF. NO	DATE-
		29-12-2017
SCALE-	REVISION-	DATE OF ISSUE-
1:150	R4	04.10.2019
DWG. NO	EL-114	
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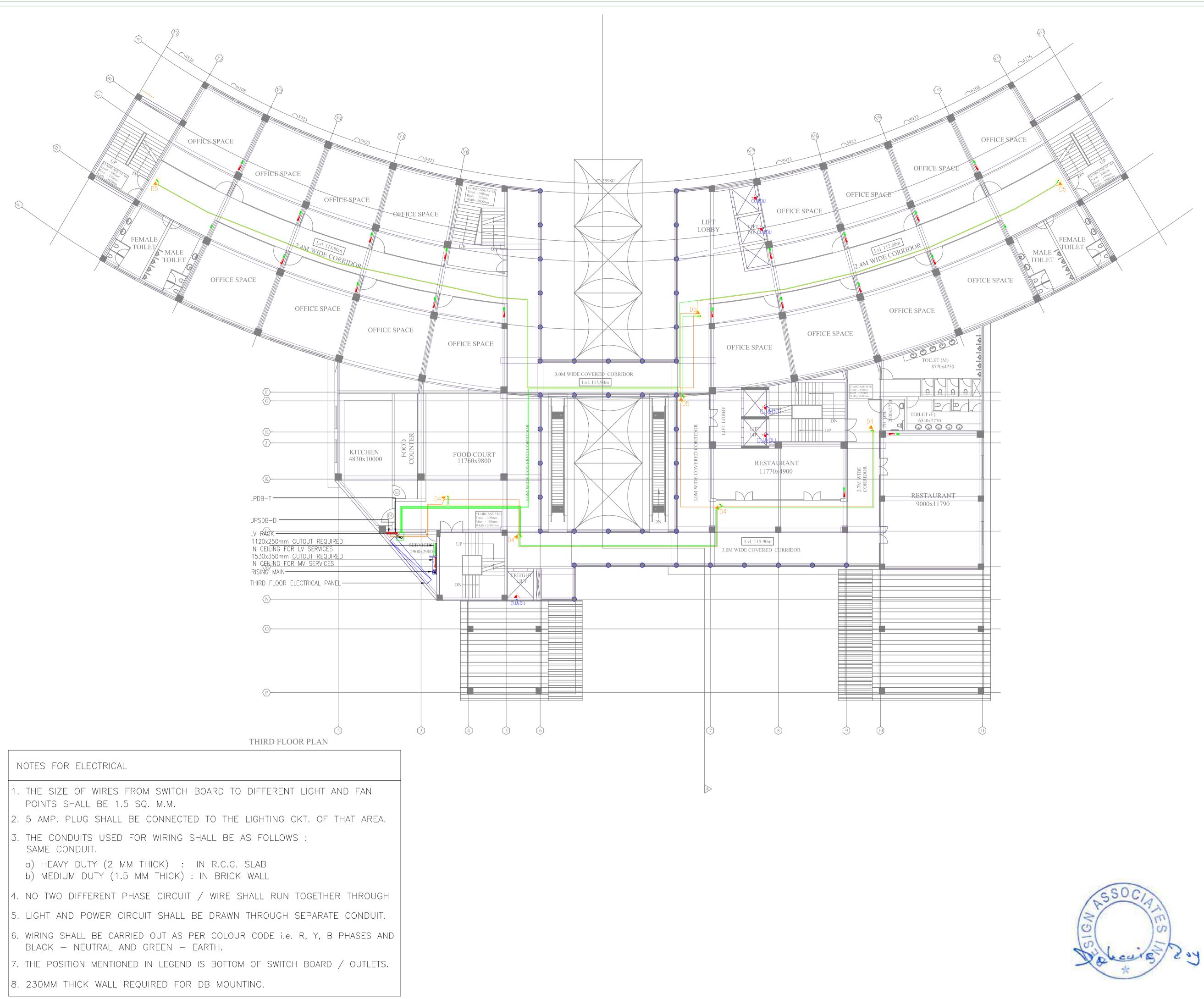


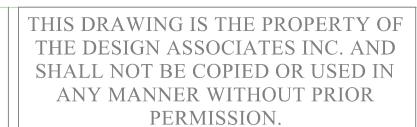
ECTRIC	AL LEGEND :-
MBOL	DESCRIPTION
<u>ه</u> م	SWITCH BOARD
Þ _{>} 1	two way switch boa
p>> E	EM-TWO WAY SWITCH
) ((1×18WATT) CFL LIGHT
) ((1×18WATT) CFL EMER
	CEILING FAN
⊒_ ((1×15W) MIRROR LIGH
• E	BRACKET LIGHT
1	1x20W BULK HEAD LI
± 6	6A SWITCH SOCKET
<u>ь</u> е	6/16A 5PIN SWITCH S
•• (CCTV
έ	6A SOCKET FOR CCTV
۲ ا	_V JUNCTION BOX
– (DISTRIBUTION BOARD
2	5MMØ CONDUIT FOR L
2	5MMØ CONDUIT FOR E

Ē	LEU	RICA	L LEGI	END:-		
2	SYMBO	DL	DES	CRIPTION		
	þ>	SW	/ITCH BOA	ARD		
	Þ>	TW	O WAY S	WITCH BOARD		
	Þ×	EN	1-TWO W	AY SWITCH BOARD		
	۲			CFL LIGHT		
			,	CFL EMERGENCY LI	GHT	
			ILING FAI			
	+•		ACKET LI	RROR LIGHT (LED)		
				K HEAD LIGHT		
	+		SWITCH			
				I SWITCH SOCKET		
		CC				
	4	6A	SOCKET	FOR CCTV		
		LV	JUNCTIO	N BOX		
		DIS	STRIBUTIO	N BOARD		
		251	MMØ CONE	DUIT FOR LIGHT		
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		251	MMØ CONE	DUIT FOR POWER		
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DESCRIPTION

ELECTRICAL LEGEND :-

SWITCH BOARD

TWO WAY SWITCH BOARD

North EM-TWO WAY SWITCH BOARD

(1×18WATT) CFL LIGHT

(1×15W) MIRROR LIGHT (LED)

1×20W BULK HEAD LIGHT

6/16A 5PIN SWITCH SOCKET

CEILING FAN

⊢⊚ BRACKET LIGHT

6A SWITCH SOCKET

📥 🛛 6a socket for cctv

LV JUNCTION BOX

DISTRIBUTION BOARD

_____ 25MMø CONDUIT FOR POWER

_____ 25MMø CONDUIT FOR UPS

25MMØ CONDUIT FOR LV

DATE

25MMØ CONDUIT FOR LIGHT

25MMØ CONDUIT FOR EMERGENCY

ISSUED TO

REMARKS

(1x18WATT) CFL EMERGENCY LIGHT

SYMBOL

24

NO. OF

PRINTS

► CCTV

REVISION	DATE	DESCRIPTION	BY
R0	28.11.2017	FOR APPROVAL	NIKHIL TYAG
R1	02.01.2018	FOR APPROVAL	NIKHIL TYAG
R2	31.01.2018	FOR APPROVAL	NIKHIL TYAGI
R3	21.05.2018	FOR APPROVAL	NIKHIL TYAGI
R4	04.10.2019	FOR APPROVAL	BUNTY
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PROJECT-

COMMERCIAL COMPLEX AT POLO MARKET SHILLONG

DRAWING TITLE-

THIRD FLOOR PLAN POWER & LV & UPS LAYOUT

DRAWING PURPOSE-

FOR TE	NDER PURPO	DSES ONLY
OB NO	DWG. REF. NO	DATE-
		29-12-2017

SCALE-	REVISION-	DATE OF ISSUE-
1:150	R4	04.10.2019
DWG. NO	EL-113	
	SHEET SIZE-	SHEET NO-
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	DRAWN BY-	CHECKED BY-
	BUNTY	PANKAJ