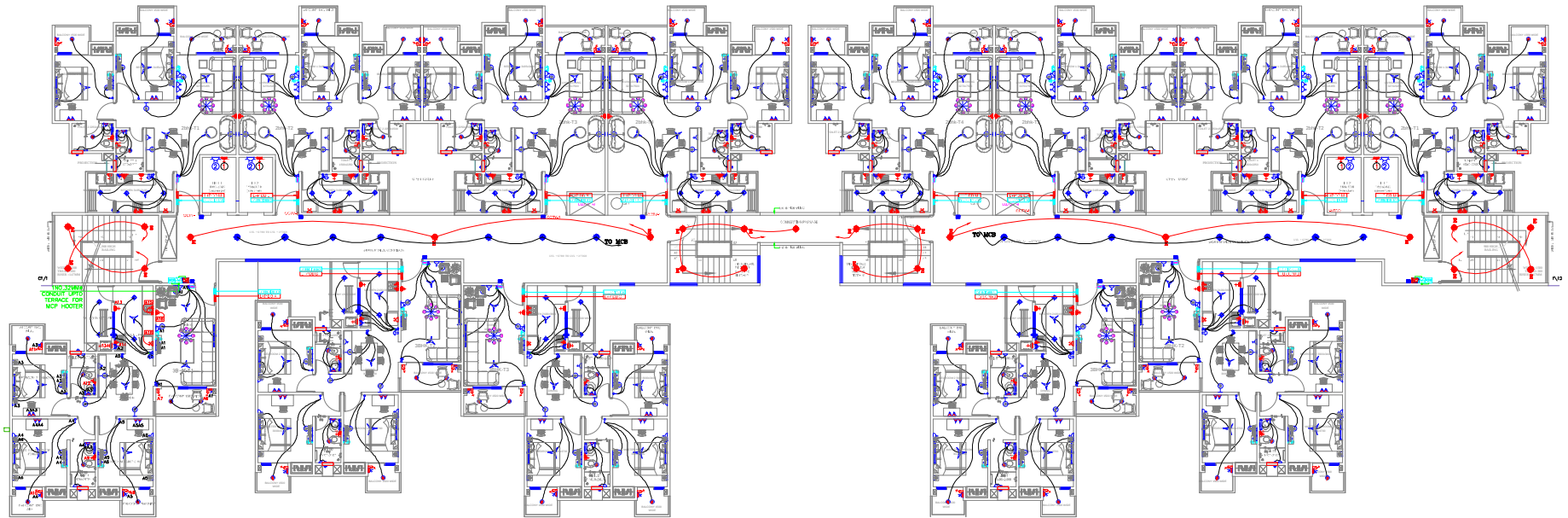




LEGENDS	MODULE SIZE	HEIGHT
10x15W CEILING LIGHT FIXTURE FOR KITCHEN		CEILING
10x15W CEILING LIGHT FIXTURE FOR BALCONY		CEILING
1x30W WALL LIGHT	2250MM FTL	
BRACKET LIGHT	2250MM FTL	
DOOR LIGHT	2250MM FTL	
CHANDLER	2250MM FTL	
CEILING FAN 1200MM DIA		CEILING
FAN REGULATOR In bed room (Bed Side)	2M	1000MM FTL
FAN REGULATOR In living/dining	2M	1070MM FTL
MIRROR LIGHT	2M	1000MM FTL
DOOR BELL PUSH BUTTON/ADU OUTDOOR UNIT	2M	1070MM FTL
SWITCH BOARD		1070MM FTL
JUNCTION BOX FOR EXHAUST FAN	3	2250MM FTL
LS. FOR BUZZER/ADU VISION UNIT 1070MM FTL	2250MM FTL	
6AMP SOCKET WITH SWITCH ON STUDY TABLE	3M	1070MM FTL
6AMP SOCKET WITH SWITCH BED SIDE AND TV SIDE	3M	1000MM FTL
16AMP SOCKET WITH SWITCH FOR WASHING MACHINE	3M	1070 MM FTL
6AMP SOCKET WITH SWITCH FOR R.O.	3M	1850MM FTL
6AMP SOCKET WITH SWITCH IN LIVING	3M	2800MM FTL
25AMP SWITCH-SOCKET FOR AC	4M	2400MM FTL
6AMP SOCKET WITH SWITCH IN BALCONY	3M	1070MM FTL
16AMP SOCKET WITH SWITCH IN LIVING	3M	2800MM FTL
16AMP SOCKET WITH SWITCH FOR FRIDGE	3M	1070 MM FTL
25AMP SWITCH-SOCKET FOR GEYSER	3M	1850MM FTL
DISTRIBUTION BOARD		1200MM FTL
LV JUNCTION BOX		1200MM FTL
TELEPHONE OUTLET WITH 6A SWITCH SOCKET IN LIVING	3M	2800MM FTL
TELEVISION OUTLET WITH 24A SOCKET+No SWITCH	3M	1070MM FTL
2WAY SWITCH	3M	1200MM FTL
16A SOCKET WITH SWITCH FOR KITCHEN ABOVE SLAB	3M	1070MM FTL
EXHAUST FAN		2100MM FTL
WALL FAN		1500MM FTL
TELEPHONE		AS PER SITE
TELEPHONE TEG BLOCK		AS PER SITE

GENERAL NOTE FOR WIRING:-

- Light circuit wire from DB to Switch board - 2 x 1.5sqmm + 1x1.5 sqmm.
- From Switch board to 6A light plug - 2 x 1.5sqmm + 1x1.5 sqmm.
- From Switch to light and so on - 2 x 1.5sqmm + 1x1.5 sqmm.
- Power circuit wire from DB to AC - 2 x 4.0sqmm + 1x2.5 sqmm.
- Power circuit wire from DB to 25A. point for Geyser - 2 x 4.0sqmm + 1x2.5 sqmm.
- Power circuit wire from DB to 16A. point in Kitchen - 2 x 4.0sqmm + 1x2.5 sqmm and so on.
- If circuit from light switch board to 6A point passes thru light/fan Ex. fan then Neutral wire for light fan/Ex. fan will be 1.5sqmm.
- Telephone intercom wiring as follows
 - From L.v. Shaft to L.v. junction box 2 Pair Telephone Cu. wire.
 - From L.v. junction box to each outlet as per telephone single line diagram.
 - From L.v. Shaft to intercom point 2 Pair Telephone Cu. Wire.
- Television wiring as follows
 - From L.v. Shaft to L.v. junction box 2 nos. RG
 - From L.v. junction box to each outlet 1 no. RG 6 TV Co-Axial Cable.

All above wire shall be copper conductor, FR PVC insulated, conforming to IS:694-1990.

wire size	conduit size				
multi strand	20mm.	25mm.	32mm.	38mm.	50mm.
1.5 sqmm	-	10	14	-	-
2.5 sqmm.	6	8	12	-	-
4 sqmm.	5	6	10	14	-
6 sqmm.	3	6	10	14	-
10 sqmm.	2	5	8	11	-
16 sqmm.	-	4	7	9	-
25 sqmm.	-	2	4	5	12
	-	-	2	2	6

LEGENDS

- 2 Nos. 25mm ϕ PVC Conduit From Basement up to Terrace for 16A S.S.Outlet, Circuit From DB Location in Lift Machine Room.
 - 1 No. 25mm ϕ PVC Conduit From Basement up to Terrace for Bulk Head Light, Circuit From DB Location in Lift Machine Room.
- Note:- In Every Lift Well, Give a 16A Switched Socket Outlet & Bulk Head Light at Each Floor Starting From Basement till Terrace Floor

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER	20/10/2015
2	FOR APPROVAL	20/10/2015
3	FOR APPROVAL	20/10/2015
4	FOR APPROVAL	20/10/2015
5	FOR APPROVAL	20/10/2015

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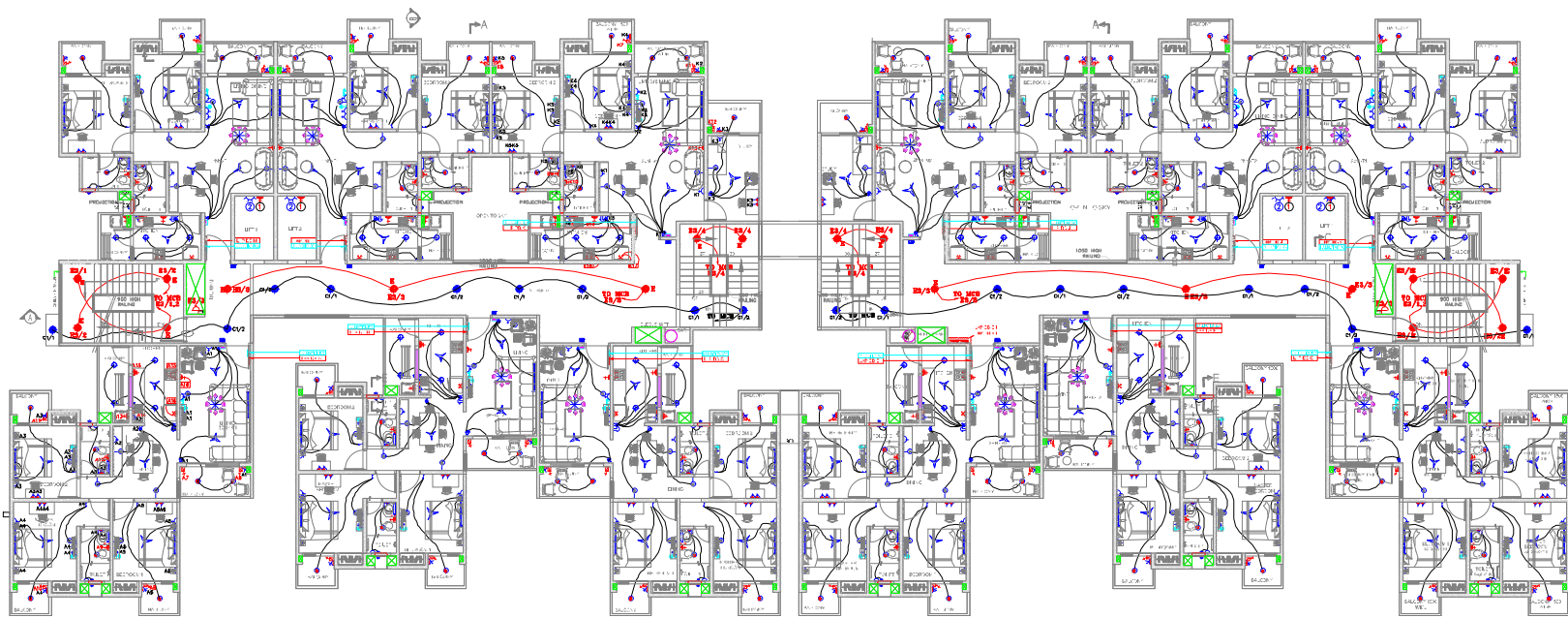
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 URL: www.ecmsindia.com
 Ph.No. 0120-4205667

DWG. TITLE:-
 ELECTRICAL LIGHTING LOOPING AND CIRCUITING LAYOUT
 TOWER 16-17 & 17-18

☐ SUBMISSION LAYOUT ☐ ADVANCE COPY
☐ FOR APPROVAL ☐ GOOD FOR CONSTRUCTION
☐ TENDER DRAWING ☐ REFERENCE DRAWING

DRAWN BY: SHAHRUKH REV NO.
 CHK BY: MAYANK SCALE: 1:100(A1)
 FN. YEAR: 2019-20 JOB NO. 2045
 DRAWING NO. ECMS/LUCKNOW/TYPE/FL/ELAO/PICT/01



LEGENDS	MODULE SIZE	HEIGHT
1X15W CEILING LIGHT FIXTURE FOR KITCHEN		CEILING
1X15W CEILING LIGHT FIXTURE FOR BALCONY		CEILING
1X36W WALL LIGHT	○ JUNCTION BOX	2250MM FFL
BRACKET LIGHT	○ JUNCTION BOX	2250MM FFL
DOOR LIGHT	○ JUNCTION BOX	ABOVE DOOR
CHANDLIER		CEILING
CEILING FAN 1200MM DIA		CEILING
FAN REGULATOR in bed room (Bed Side)	2M	600MM FFL
FAN REGULATOR in living/dining	2M	1070MM FFL
MIRROR LIGHT	○ JUNCTION BOX	1800MM FFL
DOOR BELL PUSH BUTTON/DOOR OUTDOOR UNIT	2M	1070MM FFL
SWITCH BOARD		1070MM FFL
JUNCTION BOX FOR EXHAUST FAN	3M	2250MM FFL
J.B. FOR BUZZER/DOOR INDOOR UNIT 1070MM FFL		2250MM FFL
6AMP SOCKET WITH SWITCH ON STUDY TABLE	3M	1070MM FFL
6AMP SOCKET WITH SWITCH BED SIDE AND TV SIDE	3M	600MM FFL
6AMP SOCKET WITH SWITCH FOR WASHING MACHINE	3M	1070 MM FFL
6AMP. SOCKET WITH SWITCH FOR R.O	3M	1850MM FFL
6AMP. SOCKET WITH SWITCH IN LIVING	3M	285MM FFL
25AMP SWITCH-SOCKET FOR AC	4M	2400MM FFL
6AMP. SOCKET WITH SWITCH IN BALCONY	3M	1070MM FFL
16AMP SOCKET WITH SWITCH IN LIVING	3M	285MM FFL
16AMP SOCKET WITH SWITCH FOR FRIDGE	3M	1070 MM FFL
25AMP SWITCH-SOCKET FOR GEYSER	3M	1850MM FFL
DISTRIBUTION BOARD		1200MM FFL
LV JUNCTION BOX		1200MM FFL
TELEPHONE OUTLET WITH 6A SWITCH SOCKET IN LIVING	4M	285MM FFL
TELEVISION OUTLET WITH 2KA SOCKET+1NO SWITCH	6M	1070MM FFL
2WAY SWITCH	2M	1200MM FFL
16A SOCKET WITH SWITCH FOR KITCHEN ABOVE SLAB	3M	1070MM FFL
EXHAUST FAN		2100MM FFL
WALL FAN		1500MM FFL
OPBAX		AS PER SITE
TELEPHONE TEG BLOCK		AS PER SITE

S.NO	SYMBOL	DESCRIPTION
1.		FIRE ALARM PANEL 1200MM FFL
2.		HOOTER GUN SPEAKER 2400MM FFL
3.		MANUAL CALL POINT 1050MM FFL
4.		CONTROL MODULE 1050MM FFL
5.		MONITOR MODULE AS PER SITE
6.		CCTV CAMERA CEILING
7.		EL-LOADING
8.		"E" INDICATES EMERGENCY LIGHT
9.		25MMØ CONDUIT FOR POWER
10.		25MMØ CONDUIT FOR LIGHT
11.		25MMØ CONDUIT FOR FIRE
12.		25MMØ CONDUIT FOR CCTV
13.		32MMØ SUBMAIN CONDUIT FOR L+P-DB
14.		32MMØ CONDUIT FOR LV SUBMAIN
14.		25MMØ CONDUIT FOR TELEVISION
14.		25MMØ CONDUIT FOR TELEPHONE

LEGENDS

① 2 Nos. 25mm Ø PVC Conduit From Basement up to Terrace for 16A S.S.Outlet, Circuit From DB Location in Lift Machine Room.

② 1 No. 25mm Ø PVC Conduit From Basement up to Terrace for Bulk Head Light, Circuit From DB Location in Lift Machine Room.

Note:- In Every Lift Well, Give a 16A Switched Socket Outlet & Bulk Head Light at Each Floor Starting From Basement till Terrace Floor

MEANS OF CIRCUIT CODES:-

"A1" :- "A1" INDICATE LIGHTS&POWER DISTRIBUTION BOARD
 "B1" :- "B1" INDICATE LIGHTS&POWER DISTRIBUTION BOARD
 "C1/1" :- "C1" INDICATE LIGHTS&POWER DISTRIBUTION BOARD
 "E1/1" :- "E1" INDICATE EMERGENCY DISTRIBUTION BOARD
 "1" :- "1" INDICATE FIRST CIRCUIT NUMBER

Wire size	20mm	25mm	32mm	38mm	50mm
multi strand	6	10	14	-	-
7.5 sqmm	6	8	12	-	-
2.5 sqmm	5	6	10	14	-
4 sqmm	5	8	10	14	-
6 sqmm	5	8	10	14	-
10 sqmm	6	8	10	14	-
16 sqmm	7	10	14	18	-
25 sqmm	8	12	16	20	-

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 ELECTRICAL LIGHTING, LOOPING AND CIRCUITING LAYOUT
 TOWER 19 & 20

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☐ TENDER DRAWING ☐ REFERENCE DRAWING

DESIGNED BY: R. HARIKISHAN REV. NO.:
 CHECKED BY: V. YANK SCALE: 1:100(A)
 FIN. YEAR: 2018-2020 DATE NO.:
 DRAWING NO.: ECMS/ LUCKNOW EUTYP/FL/SLA/DOF/CHT/01