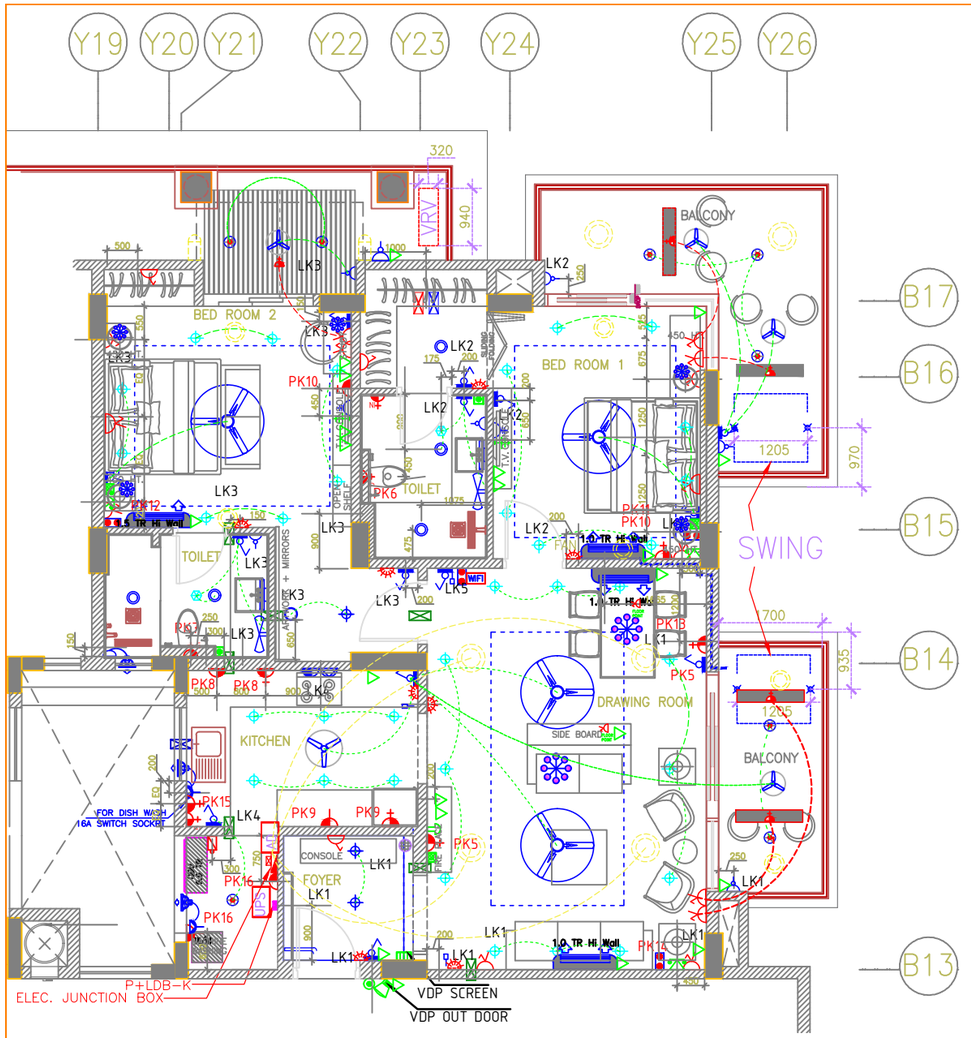
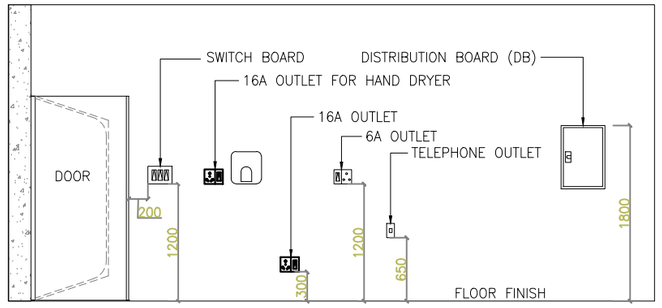


GENERAL NOTES :

1. ALL SWITCH BOARD SHALL BE FIXED AT +1200mm (BOTTOM OF BOX) FROM FINISHED FLOOR LEVEL & 150MM FROM WALL EDGE.
2. ALL 6 / 16Amp. SWITCH SOCKET SHALL BE FIXED AT +300mm (BOTTOM OF BOX) FROM FINISHED FLOOR LEVEL.
3. ALL DISTRIBUTION BOARD SHALL BE FIXED AT +1800mm (TOP OF BOX) FROM FINISHED FLOOR LEVEL AND CONCEALED IN 230mm TH.BRICK WALL.
4. ALL BRACKET / WALL MOUNTED FIXTURE SHALL BE FIXED AT +2250mm/ ABOVE DOOR,FROM FINISHED FLOOR LEVEL.
5. ALL TV , TELEPHONE SOCKETS SHALL BE FIXED AT +650mm(BOTTOM OF BOX) FROM FINISHED FLOOR LEVEL.
6. TELEPHONE TAG BLOCK SHALL BE FIXED AT +650mm(BOTTOM OF BOX) FROM FINISHED FLOOR LEVEL.
7. ALL EX.FAN POINT IN TOILET SHALL BE FIXED AT +2250mm(BOTTOM OF BOX) FROM FINISHED FLOOR LEVEL.
8. EMERGENCY POINT WITH (UPS/INVERTER) BACK-UP MARKED IN CYAN COLOR.
9. THE SIZE OF WIRES FROM SWITCH BOARD TO DIFFERENT LIGHT AND FAN POINTS SHALL BE 1.5 SQ. M.M.
10. NO TWO DIFFERENT PHASE CIRCUIT / WIRE SHALL RUN TOGETHER THROUGH SAME CONDUIT.
11. LIGHT AND POWER CIRCUIT SHALL BE DRAWN THROUGH SEPARATE CONDUIT.

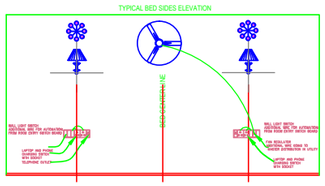


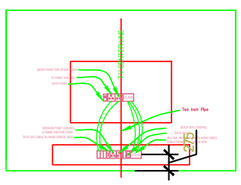
TYPICAL MOUNTING DETAIL

CIRCUIT DESCRIPTION

L	A	4
P	B	4
	A	4
	B	4

- INDICATE THE CIRCUIT NO.
- INDICATE THE DB NAME
- INDICATE THE LIGHT & POWER CKT.





PROJECT NAME:– EVOL BUILDING NAME:– 6th FLOOR				NAME OF DB : L&P DB–K (6 WAY TPN DB)			
CKT.NO.	SP MCB RATING	WIRE SIZE IN SQMM	LOCATION	NO. OF POINT	LOAD IN WATTS R	Y	B
1	10A	1.5	DRAWING/DINING ROOM	22	592		
2	10A	1.5	BED ROOM–1	28		874	
3	10A	1.5	BED ROOM–2	26			851
4	10A	1.5	KITCHEN/SERVENT/BALCONY	13			516
5	16A	4.0	DRAWING/DINING ROOM	01	1000		
6	16A	4.0	GEYSER (TOILET–1)	01		1500	
7	16A	4.0	GEYSER (TOILET–2)	01			1500
8	16A	4.0	KITCHEN	02	1000		
9	16A	4.0	KITCHEN	02		1000	
10	16A	4.0	BED ROOM–1&2	02			1000
11	20A	4.0	BED ROOM A/C	01	2000		
12	20A	4.0	BED ROOM A/C	01		2000	
13	20A	4.0	DINING ROOM A/C	01			2000
14	20A	4.0	DRAWING ROOM A/C	01	2000		
15	16A	4.0	KITCHEN GEYSER	01		1500	
16	16A	4.0	BALCONY	02			1000
17			SPARE				
18			SPARE				
INCOMER:– 63A 4P MCB			TOTAL LOAD IN WATT		6592	6874	6867
I/C Cable–4x16 sq mm XLPE AL. AR. Cable			TOTAL LOAD IN KW		20.33 KW		

LEGEND:-		QUANTITY	MOUNTING HEIGHT
	SWITCH BOARD	15	1200MM F.F.L
	TWO WAY SWITCH	02	1200MM F.F.L
	FAN REGULATOR	05	1200MM F.F.L
	1x36W WALL MOUNTED TUBE LIGHT	02	650MM F.F.L
	CEILING FAN (1200 MM DIA)	04	ON CEILING
	CEILING FAN (600 MM DIA)	01	ON CEILING
	WALL FAN (600 MM DIA) WITH 6A SWITCH	02	1800MM F.F.L 1200MM F.F.L
	1x9W MIRROR LED LIGHT	02	1800MM F.F.L
	1x100W EXHAUST FAN	03	2250MM F.F.L
	12WATT WALL BRACKET LIGHT	00	1800MM F.F.L
	1X12W LED LIGHT FIXTURE	31	ON CEILING
	1X12W LED LIGHT	09	ON CEILING
	1X12W LED LIGHT FIXTURE BALCONY	07	ON CEILING
	COVE LIGHT	03	ON CEILING
	6A SWITCH SOCKET	03	1200MM F.F.L
	2NOS. 6A SWITCH SOCKET	02	1200MM F.F.L
	6A SOCKET FOR EXHAUST FAN	03	2250MM F.F.L
	6AMP SWITCH SOCKET OUTLET FOR CHIMNEY	01	2250MM F.F.L
	6AMP SWITCH SOCKET OUTLET FOR R.O.	01	1500 MM FFL AS PER SITE
	6AMP SWITCH SOCKET OUTLET FOR HOB	01	1200 MM FFL AS PER SITE
	6A SWITCH SOCKET OUTLET	06	650MM F.F.L
	6A SOCKET OUTLET FOR CONSOLE	05	1800MM F.F.L
	6/16A 5PIN SWITCH SOCKET	07	300MM F.F.L 1200MM F.F.L
G	16A SWITCH SOCKET FOR GEYSER	03	1850MM F.F.L
	6/16A SWITCH SOCKET FOR KITCHEN	02	1200MM F.F.L
HN	6/16A INLINE FAN SOCKET WITH ONE NO SWITCH	02	ON CEILING 1200MM F.F.L
	20AMP SWITCH FOR AC	04	650MM FFL
	20AMP SOCKET OUTLET FOR AC	02	1850MM F.F.L
	TELEVISION	02	300MM F.F.L
	TELEPHONE OUTLET	03	650MM F.F.L
	VDP OUT DOOR	01	1200MM F.F.L
	VDP SCREEN INDOOR	01	1200MM F.F.L
	DATA POINT	20	650MM F.F.L
	BELL	01	1200MM F.F.L
	BUZZER	01	2250MM F.F.L
	EMERGENCY CALL BELL	02	600MM F.F.L
	PANIC BUTTON	03	650MM F.F.L
WiFi	WIFI POINT 6A SOCKET W/ 2–CAT6 CABLE	01	2200MM F.F.L
	OCCUPANCY SENSOR	03	ON CEILING
	LV JUNCTION BOX	01	BEAM BOTTOM
	DISTRIBUTION BOARD	01	1800MM F.F.L (TOP OF DB)
	CAT6 CABLE–ELEC DB 1M BOX BACK BOX WILL BE GIVEN BY US	08	1200MM F.F.L.
UPS	ONLINE UPS PLACEMENT	01	
	CEILING MOUNTED CAMERA – CAT6	01	ON CEILING
AD	AUTOMATION DISTRIBUTION	01	
	HEATER CEILING SWITCH AS PER DRG	05	ON CEILING

NOTES

1. THIS DRAWING MUST BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL AND SERVICES DRAWINGS.
2. CONTRACTOR MUST CHECK ALL DIMENSIONS, GRADE CONDITIONS AND DETAILS AT SITE PRIOR TO EXECUTION
3. ANY DISCREPANCY IN THIS OR ANY OTHER DRAWINGS RELATED TO THIS DRAWING SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE COMMENCEMENT OF WORK.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED AND SHOULD BE VERIFIED BY THE CONTRACTOR AT SITE PRIOR TO EXECUTION.
5. DO NOT SCALE ANY MEASUREMENT FROM THE DRAWINGS – ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.

DEXTRO
Integrated Solutions

GIVEN ON 22/08/2022

- [x] GOOD FOR CONSTRUCTION
- [ ] CONCEPTUAL PRESENTATION
- [ ] REVIEW AND DISCUSSION ONLY
- [ ] INFORMATION/RECORDS
- [ ] AS BUILT DRAWINGS

DRAWN I.A. | DATE 23.04.2019 | CHECKED A.K.G.

R.NO.	DESCRIPTION	DATE	DWN	CHK
R01	GENERAL REVISION	20.08.2021	I.A.	A.K.G.
R00	GFC	07.01.2020	N.K.	N.K.

PROJECT
EDEN SENIOR LIVING & WELLNESS
DEHRADUN, UK

SITE
GROUP HOUSING SCHEME
KHASRA NO.39 MEASURING .2180 HECTARE, KHASRA NO.40 MEASURING .2100 HECTARE AT MAUJA CHAK BHAGWANTPUR, PARGANA PACHWA DOON, DISTT. DEHRADUN, UTTRAKHAND

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CLIENT
EDEN RETIREMENT LIVING PVT. LTD.

DRAWING TITLE
LIGHTING & POWER LAYOUT FLAT NO. : 612 (SIXTH FLOOR)

A3	1:100	R01

DRAWING NO.
EVOL DDN1-WD-EL-100