Electrical Points in an apartment

This policy defines the number, location and level of electrical points in finished residential developments.

Number of points:

When multiple points are located adjacent to each other, it is preferable to merge them onto a larger single plate and backbox, rather than multiple plates – applicable for all areas. Only exception can be made for specialist points which require isolation eg. AV point.

Location of electrical points shall be as follows:

1. Master Bedroom
    a) Light switches
        i. One light switch shall be within 3ft from the entry door
        ii. (In case of Hi end and Luxury projects) If the distance between this switch and the bed is more than 4ft, then a two way switch to be provided at the bed side table location
        iii. All other light switches shall be on the bedsides
    b) Fan regulator (no switch to be provided)
        i. To be placed at the bed side table location closest to the entry door
    c) Deck light switch (if applicable)
        i. To be placed at the bed side table location closest to the deck
    d) AC switch
        i. To be placed at the bed side table location
    e) Power Sockets
        i. Hi end and Luxury Projects – 2 switched socket on one side and one switched socket on other side of the bed
        ii. Aspi and Casa – 1 switched socket on each bedside

f) TV point
   i. The TV power socket & the set top box TV outlet to be on either of the side behind the TV. (refer annexure A for details)

2. Other Bedroom
   a) Light switches
      i. One light switch shall be within 3ft from the entry door
      ii. (In case of Hi end and Luxury projects) If the distance between this switch and the bed is more than 4ft, then a two way switch to be provided at the bed side table location
      iii. All other light switches shall be on the bedsides
   b) Fan switch/regulator
      i. To be placed at the bed side table location closest to the entry door
   c) Deck light switch (if applicable)
      i. To be placed at the bed side table location closest to the deck
   d) AC switch
      i. To be placed at the bed side table location
   e) Power Sockets
      i. 1 switched sockets on each bed side
   f) TV point (not applicable in casa projects)
      i. The TV power socket & the set top box TV outlet to be on either of the side behind the TV. (refer annexure A for details)

3. Living Room
   a) One light switch shall be placed within 3 ft from the entry door, if there is an entrance passage then the same switch shall be 2 way with the other way switch at the switchboard next to sofa
   b) Following points to be kept along the sofa side tables at 550mm height:

i. Light switches for the lights in the Living area
ii. Power point (switched) at each side table location
iii. Telephone point
iv. Intercom point
v. Fan regulator for the fan of the living area
vi. AC Switch

c) Following points to be kept at the TV location
   i. The TV power socket & the set top box TV outlet to be on either of the side behind the TV. (refer annexure A for details)
   ii. 2 power points controlled by single switch
   iii. Data point*

d) Following points to be kept near the dining table at 1200mm height
   i. Light switches for the lights in the Dining area
   ii. 1x Power Socket (switched)
   iii. Fan point (if applicable based on interior layout)

* One data point to be provided with the living room TV point for apartment size upto 1000sqft ca. For each incremental 1000sqft ca of the apartment one data point+power socket to be added, with a maximum of 3 points in any unit

Note: Wherever ELV points (tel, data, tv) are coming in a backbox common for lighting and power there should be a partition between elv and other points

Levels for electrical points within a unit to be as follows:

1. Bed level (for all switches which are likely to be used while being on the bed : +550mm AFFL bottom of the back box.

2. Standing level :

For all switches/sockets @ door entry to be +1200mm AFFL bottom of box.

3. TV level (for all switches, sockets other than tv, data which are likely to be used in relation to the TV and associated equipment):. +550mm AFFL bottom of the back box.

4. All other switch sockets provided adjacent to Sofa/Relaxation modules shall be +550mm AFFL bottom of the back box.

5. In Kitchens
   - All power outlets should be placed 1500mm away from wash basins/sinks if installed @/below level of sink faucet.
   - All power outlets above kitchen platform should be placed +450mm above platform level (to avoid water/food spillage)
   - Refrigerator outlet should be place +1300mm AFFL bottom of box.
   - All power sockets in the kitchen shall be switched

6. Toilets
   a) **Residential**
      i. All washroom switches for lighting and geyser to be placed adjacent to door entry, inside washroom, +1200mm AFFL bottom of box.
      ii. 1 nos sockets/Power outlets should be placed +450mm (minimum) bottom of box above wash basin platform (or +450 minimum bottom of box above top level of basin if no platform). If the washbasin is within 3ft from the main switchboard then the power socket can be placed with the main switch board.
      iii. In all buildings where occupancy sensor is provided in toilet, toilet lighting to be controlled by PIR(Passive Infra Red)/Occupancy sensor with single bypass switch
      iv. In all yet to be launched buildings there shall be no motion sensors promised and installed anywhere inside the apartment

   b) **Commercial**

i. Generally, only common area toilets are finished by Lodha in Commercial buildings. All toilets meant for single user use are finished by the occupant themselves, with Lodha making reasonable provision for connection to electric, water and drainage facilities).
ii. For toilets finished by Lodha, washrooms lighting to be controlled by PIR/Occupancy sensor with single bypass switch @ door entry outside of washroom +1200mm AFFL bottom of box.
iii. 1 nos. Power outlets should be provided at +1200 mm from bottom of box, adjacent to door inside the toilet.
iv. Hand dryers to be avoided. If provided Hand dryers should be located on opposite wall of wash basin mirror/ 1000mm away from wash basin. Switch should be installed together with lighting switches and power outlets (spur/outlet connection) to be placed +1000mm AFFL bottom of the box.

7. Exhaust fan level (for all switches/sockets which are used in relation to the exhaust fan): Two options
   i. For Aspirational buildings: Exhaust fan outlet(ceiling rose) to be placed adjacent to exhaust fan, controlled by a common switch of light & exhaust fan +1200mm AFFL bottom of box inside Washroom
   ii. For High end and Luxury buildings: Exhaust fan outlet(ceiling rose) to be placed adjacent to exhaust fan, controlled by a separate switch grouped in the same box +1200 mm AFFL bottom of box inside Washrooms.

8. For commercial buildings lobby + corridor – power outlets in common area should be placed +400mm AFFL bottom of box.

9. For all car parks + plant rooms- if power outlets are provided same shall be placed +1200mm AFFL bottom of box (weather proof- metal clad/polycarbonate). If exposed all conduiting should be in GI and away from the Driving Directions.

   Above specified heights can be varied by up to (+/_) +20 mm based on design considerations for any particular building. However, the heights that are set shall remain same throughout the said building.

It should be ensured that all switches/sockets are specified at any one of the above 8 prescribed levels and not at any other level.

Notes:

a. AFFL – Average Finished Floor Level of the particular room.

b. Location of switches/sockets should be avoided in areas with depth less than 2 ft. that are likely to be used for storage by the occupier (closet space, wardrobe space, puja niche etc.)

Annexure A

(a) High End/Luxury Development

FACILITY TABLE FOR 2 BHK FLAT (HIGH END + LUXURY BRAND)

S.No.	Name of location	Light Point			Fan Point		6A Power point			16A Power point							AC							
		Light Point	Strip Light	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Hob	Hood	Dish Washer	Fridge	Geyser*	Oven	MICROWAVE	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	10	60	60	60	100	100	100	500	1500	600	2000	2000	1000	1500	1500	0	0	0	0	0	0	0
1	Living room/Dinning	4	0	2	3	0	6	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0
2	Deck	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Passage	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	Puja	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kitchen	1	3	0	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
6	Utility	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7	Store	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Bed Room 1	2	0	2	1	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
9	Common Toilet	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10	Master Bed	3	0	2	1	0	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
11	Master Toilet	2	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	19	3	8	6	3	22	1	1	1	1	1	3	1	1	1	4	1	3	1	1	1	1	0

FACILITY TABLE FOR 3 BHK FLAT (HIGH END + LUXURY BRAND)

S.No.	Name of location	Light Point			Fan Point		6A PP			16A PP							AC							
		Light Point	Strip Light	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Hob	Hood	Dish Washer	Fridge	Geyser*	Oven	MICROWAVE	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	10	60	60	60	100	100	100	500	1500	600	2000	2000	1000	1500	500/t	0	0	0	0	0	0	0
1	Living room/Dinning	6	0	3	3	0	6	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0
2	Deck 1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Deck 2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Passage	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
5	Puja	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kitchen	2	3	0	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
7	Utility	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	Store	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bed Room 1	3	0	2	1	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
10	Common Toilet	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11	Bed Room 2	2	0	2	1	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
12	Bed Room 2 Toilet	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
13	Master Bed	3	0	2	1	0	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
14	Master Toilet	2	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15	Walkin Wardrobe	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Powder Toilet	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Servant Room	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Servant Toilet	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	33	3	13	8	5	30	1	1	1	1	1	4	1	1	1	5	1	4	1	1	1	1	0

FACILITY TABLE FOR 4 BHK FLAT (HIGH END + LUXURY BRAND)

S.No.	Name of location	Light Point			Fan Point		6A PP			16A PP							AC							
		Light Point	Strip Light	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Hob	Hood	Dish Washer	Fridge	Geyser*	OVEN	MICROWAVE	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	20	60	60	60	100	100	100	500	1500	600	2000	2000	1000	1500	1500	0	0	0	0	0	0	0
1	Living room/Dinning	7	0	3	3	0	6	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0
2	Deck 1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Deck 2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Deck 3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Passage	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	Puja	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kitchen	2	3	0	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
8	Utility	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
9	Store	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Bed Room 1	4	0	2	1	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
11	Common Toilet	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12	Bed Room 2	3	0	2	1	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
13	Bed Room 2 Toilet	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
14	Bed Room 3	3	0	2	1	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
15	Bed Room 3 Toilet	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16	Master Bed	4	0	2	1	0	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
17	Master Toilet	2	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
18	Walkin Wardrobe	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Powder Toilet	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Servant Room	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Servant Toilet	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	42	3	16	9	6	35	1	1	1	1	1	5	1	1	1	6	1	5	1	1	1	1	0

(b) Aspirational Development

FACILITY TABLE FOR 1.5BHK FLAT (ASPIRATIONAL)																				
S.No.	Name of location	Light Point		Light Point		6A Power			16A Power					AC						
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Hob	Water Purify	General	Fridge	Geyser	MICROWAVE/OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	100	500	600	2000	2000	1000	1500	0	0	0	0	0	0	0
1	Living room/Dinning	3	2	2	0	6	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
2	Passage	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Study	1	1	1	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
5	Kitchen	2	0	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0
6	Utility	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7	Common Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
8	Master Bed	2	2	1	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
9	Master Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	14	7	5	3	16	1	1	0	1	2	1	1	3	1	2	1	1	1	1	0

FACILITY TABLE FOR 2BHK FLAT (ASPIRATIONAL)

S.No	Name of location	Light Point	Light Point	Light Point	Light Point	6A Power	6A Power	6A Power	16A Power	16A Power	16A Power	16A Power	16A Power	AC							
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Hob	Water Purify	General	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	100	500	600	2000	2000	1000	1500	0	0	0	0	0	0	0
1	Living room/Dinning	3	2	2	0	6	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
2	Desk	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
3	Passage	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Bed room-1	2	1	1	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
6	Kitchen	2	0	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0
7	Utility	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	Common Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
9	Master Bed	2	2	1	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
10	Master Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	16	7	5	3	18	1	1	0	1	2	1	1	3	1	3	1	1	1	1	0

FACILITY TABLE FOR 2.5BHK FLAT (ASPIRATIONAL)

S.No.	Name of location	Light Point		Light Point		6A Power			16A Power					AC							
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Hob	Water Purify	General	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	100	500	600	2000	2000	1000	1500	0	0	0	0	0	0	0
1	Living room/Dinning	3	2	2	0	6	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
2	Desk	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Passage	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Study	1	1	1	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
6	Bed room-1	2	1	1	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
7	Bed room-1 Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
8	Kitchen	2	0	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0
9	Utility	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
10	Common Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11	Master Bed	2	2	1	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
12	Master Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	18	9	6	4	21	1	1	0	1	3	1	1	4	1	3	1	1	1	1	0

FACILITY TABLE FOR 3BHK FLAT (ASPIRATIONAL)

S.No.	Name of location	Light Point		Light Point		6A Power			16A Power					AC							
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Hob	Water Purify	General	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	100	500	600	2000	2000	1000	1500	0	0	0	0	0	0	0
1	Living room/Dinning	3	2	2	0	6	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
2	Desk	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Passage	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Bed room-1	2	1	1	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
6	Kitchen	2	0	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0
7	Utility	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	Common Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
9	Bed room-2	2	1	1	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
10	Bed room-2 Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11	Master Bed	2	2	1	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
12	Master Toilet	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	19	9	6	4	23	1	1	0	1	3	1	1	4	1	4	1	1	1	1	0

(c) Casa Development

FACILITY TABLE FOR 1BHK FLAT (CASA)																			
S.No.	Name of location	Light Point		Fan Point		6A PP		16A PP											
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	400	3000	2000	600	1500	0	0	0	0	0	0	0
1	Living room/Dinning	3	1	2	0	6	0	0	0	0	0	1	1	1	1	1	0	0	0
2	Passage	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kitchen	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
5	Utility	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
6	Common Toilet	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
7	Master Bed	1	1	1	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0
	Total number of fixtures	9	3	4	2	13	1	1	1	1	1	2	1	2	1	1	0	1	0

FACILITY TABLE FOR 1.5BHK FLAT (CASA)

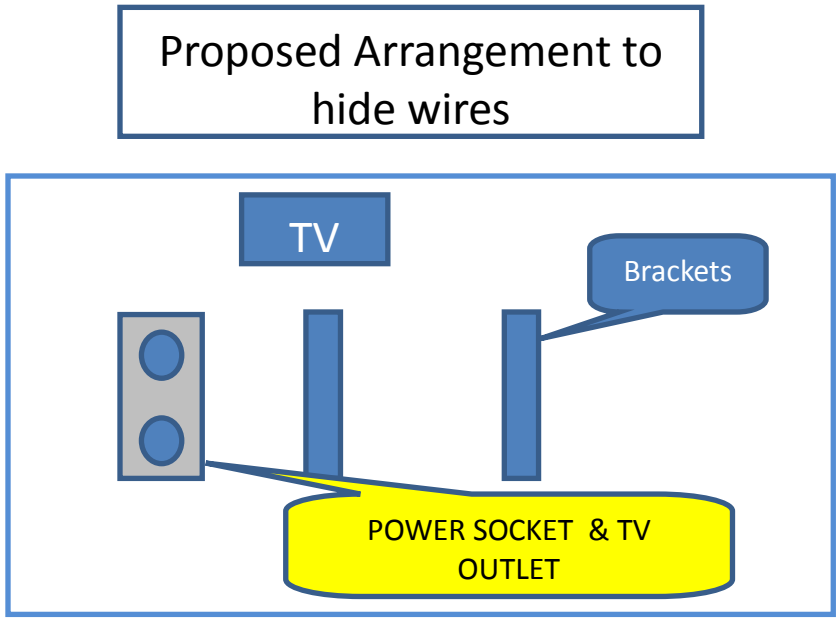
S.No.	Name of location	Light Point		Fan Point		6A PP		16A PP											
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	400	3000	2000	600	1500	0	0	0	0	0	0	0
1	Living room/Dinning	3	1	2	0	6	0	0	0	0	0	1	1	1	1	1	0	0	0
2	Passage	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Study	1	0	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
5	Kitchen	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
6	Utility	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7	Common Toilet	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
8	Master Bed	1	1	1	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0
9	Master Toilet	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
10	Deck	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	12	4	5	3	16	1	1	2	1	1	3	1	2	1	1	0	1	0

FACILITY TABLE FOR 2BHK FLAT (CASA)																			
S.No.	Name of location	Light Point		Fan Point		6A PP		16A PP											
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	400	3000	2000	600	1500	0	0	0	0	0	0	0
1	Living room/Dinning	2	2	2	0	6	0	0	0	0	0	1	1	1	1	1	1	0	0
2	Deck	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Passage	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Bed Room 1	1	1	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
6	Kitchen	2	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
7	Utility	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	Common Toilet	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
9	Master Bed	2	1	1	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0
10	Master Toilet	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	14	5	5	3	16	1	1	2	1	1	3	1	2	1	1	1	1	0

FACILITY TABLE FOR 2.5BHK FLAT (CASA)

S.No	Name of location	Light Point		Fan Point		6A PP		16A PP											
		Light Point	Wall Bracket light	Ceiling	Exhaust	General	Water Purify	Fridge	Geyser	MICROWAVE/ OVEN	WASHING MACHINE	20A point A.C. (1500W/TR)	Tel	TV	Intercom	Data	VDP	Bell	Motion Sensor
	Typical Wattage	60	60	60	60	100	100	400	3000	2000	600	1500	0	0	0	0	0	0	0
1	Living room/Dinning	2	2	2	0	6	0	0	0	0	0	1	1	1	1	1	1	0	0
2	Deck	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Passage	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	Puja	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Study	1	0	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
6	Bed Room 1	2	1	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
7	Kitchen	2	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
8	Utility	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
9	Common Toilet	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
10	Master Bed	2	1	1	0	4	0	0	0	0	0	1	0	1	0	0	0	0	0
11	Master Toilet	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
	Total number of fixtures	16	6	6	3	18	1	1	2	1	1	4	1	2	1	1	1	1	0

Annexure A


Proposed Arrangement to hide wires
TV
Brackets
POWER SOCKET & TV OUTLET