Levels of electrical switches/sockets:

Following levels are to be defined (as height above finished floor level):

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 which are likely to be used while being on the bed) :
   For all switches to be operated from Bed-Height to be +550mm AFFL bottom of box and all other switches/sockets @ door entry to be +1200mm AFFL bottom of box.
3. TV level (for all switches which are likely to be used in relation to the TV and associated equipment):. +550mm AFFL bottom of the back box inclusive of all other switch sockets provided adjacent to Sofa/Relaxation modules. Living room switch board @ door entry to be +1200mm AFFL bottom of box

4. 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.

5. Toilets

   a) **Residential**

   - All washroom switches for lighting and geyser to be placed adjacent to door entry, inside washroom, +1200mm AFFL bottom of box.
   - 1 nos Shaver sockets/Power outlets should be placed +800mm bottom of box above wash basin platform (or +800mm bottom of box above top level of basin if no platform)
   - 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 outside of toilet.

   b) **Commercial**

   - 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).
   - 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.

- 1 nos. Power outlets should be provided at +1200 mm from bottom of box, adjacent to door inside the toilet.
- 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.

6. Exhaust fan level (for all switches/sockets which are used in relation to the exhaust fan): Two options
   - 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
   - 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.

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

8. 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.)