



INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE (ILCE)

SP Center, 41/44 Mino Desai Marg, Colaba, Mumbai 400005, India
Tel :: +91 22 6749 0401 Email :: psampath@ilce.in
www.ilce.in

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ILCE INITIATES IN NEWSLETTERS

“ OPTIMIZATION VALUE IN DIFFERENT STREAMS “

I WHAT AN ULTIMATE CUSTOMER (HOUSEWIFE) WANTS.....

- 1) Design of rooms/toilets/bathrooms/kitchen - no cutting of tiles.
- 2) General layout - no need for lights during day.
- 3) Friendly to house keeping – no dust collectors – chajjais , domes, etc.
- 4) Lifts - mobiles to work when lift is travelling.
- 5) Dry areas for clothes.
- 6) Shoe rack at entrance.
- 7) Storage place for all unused/old/discarded items.
- 8) Storage wooden cupboards (wall to be avoided in this space).
- 9) Designers kitchen. Could it be in prefabrication and assembly route.
- 10) Kitchen/specific place to accommodate washing machines, dish washers(future) which to have a common pipe separately for inlet and outlet of water.
- 11) Combined toilet-wet areas and non wet areas proper separation.
- 12) Kitchen location so that House wife can see from kitchen the main door-to check who is coming and going
- 13) Balconies as sit outs, if not possible discard-no smaller versions.
- 14) Location of switches-General -at entrance,at left.
- 15) Plug points adjacent to beds/tables
Location switches- above beds at convenient height.
- 16) Garbage chute discharging directly into a closed hopper at Ground level which can then be emptied directly into a truck.
- 17) Soil/waste pipes to run vertically and not diagonally to join other pipes.
- 18) Acrylic/Suitable protection to doors in wet areas
- 19) Provision for shower curtains in baths
- 20) TV,Cable,phone ,Internet outlets in all bedrooms
- 21) Provision for vent ducts/exhaust fans in kitchens

- 22) 2 way light switches beside doors in all rooms.
- 23) No bare lights – adopt false ceiling and bulbs in inserts. No need to plaster bottom of slab.
- 24) Wall hangings – predesigned inserts in walls.
- 25) A/C location, A/C / cooler vents location predesigned (no breaking of walls or grills)
- 26) Staircase steps – your granny should be comfortable.
Staircase well – broad to take unyielding big materials.

Alternatively – service lifts/exterior pulley arrangement.
- 27) Greenary and safe play ground for children.
- 28) Separate exclusive parking space for cars.

**Readers – Your Comments, Suggestions, Inclusions, Criticism
please**

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NEW ENTRANTS TO LEAN CONSTRUCTION COMMUNITY

- EDAC Engineering Ltd.,
Project : 3x400 MW power plant in Ratnagiri
Lean Construction Consultants : Nadhi Consultants