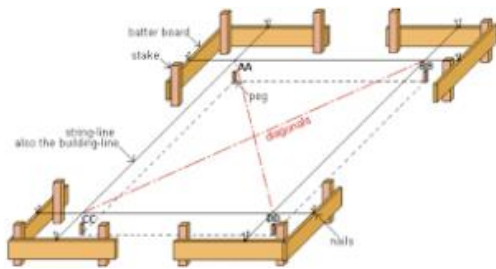


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## Steps in Building a Story Building

### SETTING OUT

**setting out** is the process of developing the physical positions of corners and walls of a building, and it's done by transferring dimensions from the layout plan. **Setting out** clearly defines the outline of the excavations and the centre line of the walls, so that the construction can be carried out according to the plan



### SUB-STRUCTURE

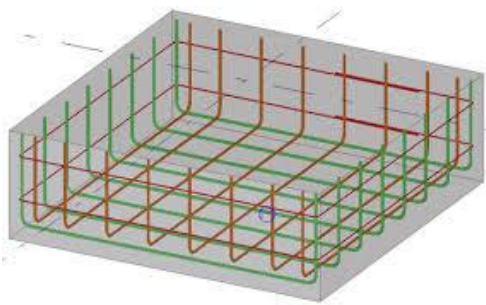
- Re-excavation for pad footing and strip.



- Blinding for pad footing.



- Pad reinforcement.



- Casting of pad footing & strip.



- Block work in foundation/hollow filling.



- Filling and compacting of celluloid.



- Laying of hardcore



- Blinding for ground floor/DPM.



- Fitting of wire mesh.



- Formwork for ground floor slab.
- Mechanical and electrical conduiting.
- Casting of ground floor slab.



## SUPER STRUCTURE

- **FIRST FLOOR SLAB.**
- Column kickers/installation of rebar's.



- Column formwork.



- Casting of column.



- Formwork for slab, beam and stair case.
- Reinforcement to slab, beam and stair case
- Mechanical and electrical installation (first fix).



- Casting of slab, beam and stair case.



- Striking of slab and beam form work after 21 days.



Fig-6.2.1 Removal of Formwork

- **SLAB TO ROOF LEVEL**

- Column kicker/installation of rebar's.
- Column formwork.
- Casting of columns.
- Formwork for roof beams and slab.
- Roof slab/beams reinforcement.
- Casting of roof beams.
- Striking of roof beam/slab formwork.

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## ROOF WORK

- Gable block setting/ plastering.



- Installation of roof carcass and noggins.



- Roof covering.





## WET WORK.

- **Block Work and Lintel**
- Ground floor.
- First floor.



- **Rendering of Walls, Soffits and Slab.**
- Ground floor wall.
- First floor wall.
- External wall.



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- **Wall and Floor Tiles.**

- Ground floor.
- First floor.



- Mechanical

1. Second fix.
2. A/c & toilet fitting installation

- Electrical

1. Second fix.
2. Low voltage installations

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## FINISHES

- P.O.P CEILING AND WALL SCREEDING.

1. Ground floor.
2. First floor.



- WOOD WORK AND ALUMINUM

1. Door and kitchen cabinet
2. Aluminum windows
3. Handrails

- PAINTING

1. Internal wall
2. External wall



### EXTERNAL WORK

- Sewage treatment.



- Filling, leveling and compaction of compound.



- Fence and gate.



- Installation of kerbs.



- Road and parking lot.
- Testing and commissioning.
- Handing over.

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