

## MicroStation Basic

### Row House.

**Scenario:** A housing plan for two storied building with a total available space of 2100 Sq. Feet.

**Aim:**

To model a two-storied building, total area not exceeding 2100 sq. Feet.

Floor purpose are discussed as follows: The Internal partition walls may vary on each floor.

Ground Floor (G) – Living Room, Dining Space and Kitchen, Utility Space and room, washroom and stairs.

First Floor (G+1) – 2 Master Bed rooms with washrooms, 1 bed room, center space.

**Tasks to perform:**

1. Create a floor plan at sill level.
2. Front Elevation of the complex in 3D.
3. Scheduling of doors and windows.
4. Model stair case.
5. Generate a final 2D model of the building.
6. Exclude footing details.

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**Materials:**

Wood/timber, cement concrete, steel and glass, as per convenience can be used in consideration with the draft (Details can be mentioned with the schedule)

**Scale:** As per convenience.

**Judging Criteria:**

1. Innovative use of 2100 sq. feet space.
2. Aesthetical appearance and complexity of the 3D Model.