

FAQs

1. How does setting out a building plan on ground mean?

- A building is set out in order to clearly define the outline of the excavation and the centre line of the walls, so that construction can be carried out exactly according to the plan.
- The centre line method of setting out is generally preferred and adopted.

2. What is layout of a building?

- The real meaning and purpose of setting out (layout) is to transfer the plan, length and width of its foundation on the ground so that the foundation can be excavated for construction of purposed building as per drawing.
- The following preliminary works should be executed before actual planning of layout for the house.
 - Clear the site from all grass, bushes, trees, etc.
 - Record spot levels of the ground.
 - Construct a permanent bench mark in construction area.

3. Define base line and center line

Base line:

- For setting out /layout, the most important requirement is to establish a baseline. This is marked on the ground as per site plan requirement with the help of offsets which are taken from the existing road or existing building.

Centre line:

- Centre line divides the plan into two equal parts. This can be marked in the field with the help of baseline. This line is very necessary and useful for layout. This line should be transferred to Burjis and be kept up to the completion of foundation work.

4. What are the four basic processes involved in site layout planning?

Site layout planning involves four basic processes:

- i. Identifying the site facilities that will be required.
- ii. Determining the sizes, and other constraints of those facilities.
- iii. Establishing the inter-relationships between the facilities.
- iv. Optimising the layout of the facilities on the site.

5. What are the problems caused by poor site layout planning?

Problems caused by poor site layout planning can include:

- Inappropriate storage which can result in damage to products and materials,
- Poor sitting of plan,
- Poor sitting of welfare facilities,
- Inadequate space provision,
- Unsatisfactory access,
- Security and safety issues,
- Poor way finding (due to complex layouts or inadequate signage),
- Demoralized workers, delays and increased costs.