Architectural Plan and Cross Section Views

- Plans are drawn for see the inner parts, thickness of walls and other details when looking from top side. Due to these plans, views at four main directions should be drawn for explain the outside surfaces of structure.
- Cross section views which's been cut with horizontal and vertical cross section planes for explain the can’t be seeing parts in views that type and dimensions of inner parts as roof, foundation, slab.

- **Informations about structure in architectural cross sections:**
  - Gross and net heights of each floor
  - Height and elevations of door & windows
  - System of slab for each floor (plate, hollow tile floor slab etc.)
  - Dimensions and elevations of low slab if exist
  - Cross section of stairs (Plate system of stair)
  - Elevation of slab, window, door, dripstone etc.
  - Soil elevation
  - Shape, dimensions and slope of roof, type of tile & chimney if roof exist
  - Type and thickness of materials for both water and heat isolation if roof is terrace
  - Cross section and elevation of base if elevation room exist
In architectural cross sections:
- At least two cross sections should be drawn for all different structures. One cross section should be from stairs, in case another one should be from different parts of structure which is given most information about it. Number of cross sections should be increased if necessary.
- Codes and names of sites should be written that are passed from cross section plane.
- Floor elevations of rough work should be written on a measurement line from one top point of slab to another. Thickness of slab cover, parapet wall, height of window, door and partition wall, interval between lintel and ceiling, height of low slab are located in second measurement line. These measurements are given for all different sites.
- Floor height between bottom face of ceiling floor and slab is given with another measurement line.
- Roof members are drawn by real shapes and sizes that are suitable with details. Names and sizes of all of the using materials, elevations of elevator, chimney and other asperities with roof angle should be showed.
- Visible parts which fell behind of cross section plane should be written by suitable for desired points.
- Measurements are given that can’t be seen in plans.
Plan and Cross Section Views of Some Structural Members

Inner Door

Horizontal Cross Section (Plan)

Vertical Cross Section
Plan and Cross Section Views of Some Structural Members

Outer Door

Vertical Cross Section
Plan and Cross Section Views of Some Structural Members

Horizontal Cross Section (Plan)
Plan and Cross Section Views of Some Structural Members

Plan of Continuous Foundation

Perspective View of Two Directional Continuous Foundation Plan

Foundation Beam
Footing
Sand and lean concrete respectively
Plan and Cross Section View

Floor Plan

Cross Section A-B
Sample Cross Section View
Plan and Cross Section Views of Some Structural Members

Cross Section A-A Sc:1/50
Plan and Cross Section Views of Some Structural Members