



Section Ten

Construction Engineering Directives

Construction Drawings and Calculations

Article (2/68): General Construction Conditions.

1. The construction design for buildings and installations must be prepared by a qualified construction engineer licenses to practice its career and approved by Municipality.

2. Installations Competence Requirements:

All parts of buildings and installations and materials involved in their construction must ensure the sufficient limit of safety and security from the following factors:

- a. The most dangerous forces and loads or all their affiliated factors that affect the construction, including the total of forces and loads that may cause the successive collapse of building.
- b. Any other impacts, including the steel rust and corrosions the building maybe subjected to.

Article (2/69): Information Required for Buildings Construction

Drawings:

1. Drawings of the general remarks, including the technical details, concrete and steel stress.
2. The plot boundaries shall be determined on the foundations board for knowing the foundations projection (Piles – concrete mat) beyond the plot boundaries.
3. Horizontal projection of pillars lines, including the pillars dimensions in the various floors, and the foundations loads, which include the wind and earthquake forces wherever they are found.
4. Detailed drawings for foundations, including the details of foundations like ground beams or binding beams, in addition to the horizontal Protrusions drawing for the various floors and repeated floors, along with the roof drawing, reinforcement steel tables and details of the roof fence wall, as well as determining the ground water tank on the foundations board.