



Article (2/73): Information Required for the Construction Drawings of Steel Warehouses.

1. The soil stress, foundation depth and soil substitution, if any, should be clarified.
2. The drawings of general remarks should include the general details and type and stress of concrete and reinforcement steel, construction steel, bolts and connections.
3. Determining the plot boundaries on the bases drawings, along with stated the bases projection beyond plot limits.
4. Horizontal projections for columns axes and connection bolts, along with clarifying the columns dimensions and bases loads, including wind forces.
5. Detailed drawings for the bases, tying beams, ground beams, mezzanine story, roof, tables of reinforcement steel, roof fence wall and details of decorations.
6. The construction framework drawings shall include the steel columns dimensions with the steel beams and their dimensions, in addition to connections complete details.
7. Roof drawings should there be purling and their connections with the roof binding steel.
8. Detailed drawing for staircases, if any.
9. For fighting wind, the vertical bracing steel shall be placed between columns.
10. Sections drawings, along with stated the separating beams between blocks, and provided that the block area shall not be more than 15m² between beams.

Article (2/74): Information Required for the Calculation Note of Steel Warehouses.

1. Soil report.
2. Index with the design basic assumptions for loads, concrete and reinforcement steel stress, metal warehouses steel stress, bolts stress and specifications that must be referred to.
3. Detailed calculations for columns loads shall rely on the critical cases of loads and checking the soil stress. The soil weight above the natural