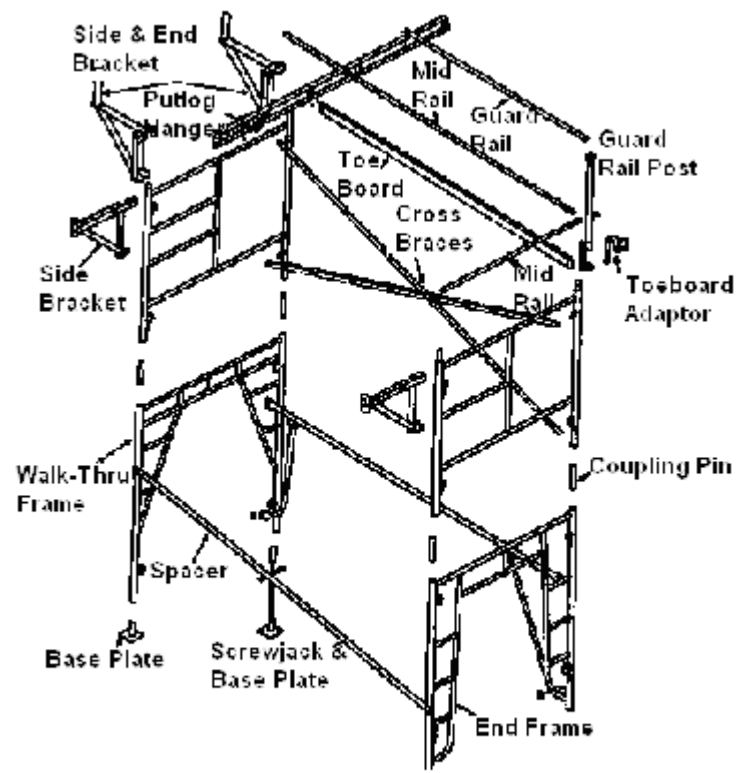## General Requirements

The structural members of fabricated frame scaffolds such as the legs, poles, posts, frames and uprights shall be plumb and braced to prevent swaying and displacement.

All fabricated frame scaffolds with a height to base width greater than 4 to 1 shall be restrained by guying, tying or bracing. Guys, ties or braces shall be placed:

- At the closest horizontal member to the 4 to 1 height and repeat vertically with the top restraint no further than the 4 to 1 height from the top;
- Vertically every 20 feet or less for scaffolds less than three feet wide and every 26 feet or less for scaffolds more than three feet wide; and
- Horizontally at end, at intervals not to exceed 30 feet from one end.

Specific Requirements

- When moving platforms to the next level, the existing platform shall be left undisturbed until the new frames have been set in place and braced;
- To secure vertical members together laterally, frames and panels shall be braced by cross, horizontal, diagonal braces or a combination thereof. The cross braces shall be of such length as will automatically square and align vertical members so that the erected scaffold is always plumb, level and square;
- All brace connections shall be secured;
- Frames and panels shall be joined together vertically by coupling or stacking pins or equivalent means;
- Where uplift can occur which would displace scaffold end frames or panels, the frames or panels shall be locked together vertically by pins or equivalent means;
- Brackets used to support cantilevered loads shall:
  - Be seated with side-brackets parallel to the frames and end-brackets at 90 degrees to the frames;
  - Not be bent or twisted from these positions; and
  - Be used only to support personnel, unless the scaffold has been designed for other loads by a qualified engineer and built to withstand the tipping forces caused by those other loads being placed on the bracket-supported section of the scaffold.

Fabricated Frame Scaffold