

# TECHNICAL SPECIFICATION BUILDING & TRUSS & PEB STRUCTURES:

MATERIAL SHOULD BE **TATA, JINDAL, VIZAG, OR SAIL STEEL**

CEMENT- DALMIA, ULTRATECH PAPER BAG.

BOLDER, M20 CHIPS

SAND-MEDIUM, COARSE NOT USE FILL SAND

BRICKS-RED BRICKS

CHECK BEFORE WELDING OF TRUSS LAYOUT DIAGRAM OF TRUSS OR PEB

WELDING ROD SHOULD BE ESSAB, GIVE V GROOVE WITH BUTT JOINTS

1. Edge beam should be square and level to within 5mm tolerance. Anchor bolts should be set to the given dimensions and projection, with maximum deviation of 5mm. Anchor bolt threads should be protected during concreting operation, or thoroughly cleaned after pouring. All templates should be removed.
2. The contractor is responsible for locations of building lines and bench marks at the site of the building.
3. The installation of anchor bolts and embedded items must be done in accordance with the Code of Standard Practice and the drawings subject to the following maximum allowable tolerances:-
  - a) 3mm center to center of any two bolts within an anchor bolt group.
  - b) 6mm center to center of adjacent anchor bolt groups.
  - c) Elevation of the top of anchor bolts +/- 12mm.
  - d) Maximum accumulation of 6mm per 30 meters along the established column line of multiple anchor bolt groups but not to exceed a total of 25mm.
  - e) 6mm from the center of any anchor bolt group to the established column line through that group.
  - f) The tolerances of paragraphs b, c and d apply to offset dimensions shown on the plans, measured parallel and perpendicular to the nearest established column line for individual columns shown on the plans to be offset from established column line. The Anchor bolts shall be set perpendicular to the shown theoretical bearing surface.
4. Anchor bolts should be set by the owner (or his civil contractor) in accordance with the " Anchor Bolt Setting " Plan.

FOTTING- MAIN BAR-16, DISTRIBUTION BAR-12, DIAMOND STIRUPS, RECTANGLE STIRUPS, BOX MESH WITH PEDESTAL 10 DIA BAR,-MIN HEIGHT UP TO PLINT 6'

PLINTH BEAM-10"x12"-bottom 12-3nos, TOP -2NOS BAR

LINTEL-10"x6" with box chajja 1'

ROOF BEAM-10"x12" ---bottom 16 3nos, top-12 dia-2nos, L3-16-1 IN TOP

ROOF -BOTTOM-DIA 10X6" C/C , TOP DIA 8x7" c/c in TWO WAY & ONE WAY SLAB

STAIR SLOPE TYPE WITH CHAIR 6" GAP, DIA 10 BAR SHOULD BE USE

STEEL - Fe450(TATA)

COVER TO MAIN REINFORCEMENT OF

SLAB - 15 MM.

BEAM - 25 MM

COLUMN - 40 MM.

FOOTING - 50 MM.

DEVELOPMENT LENGTH = 60 x DIA. OF ROD.

LAP LENGTH = 50 x DIA. OF ROD.