

Sub.: Earth leveling for plinth beam.

The quality of earth leveling at the time of casting plinth beams is very poor and therefore standard procedure for the same is given herein. This shall be strictly followed with immediate effect at all sites.

After casting of footings & pedestals/columns upto to plinth beam bottom level, earth filling must be done upto plinth beam bottom level. The filling must be extended by atleast 3 to 5ft beyond the building line. In case of villas earth must be filled upto plinth beam bottom level throughout the plot.

Earth may be lightly compacted.

After leveling and compaction, excavate earth to a depth of 5 to 7 inches and a width of 8 to 16 inches. One layer of brick must be laid under the plinth beam on a bed of mortar upto to plinth beam bottom level. Use 8” wide blocks for 6” plinth beams, 12” wide blocks for 8 to 9” wide plinth beams and 16” wide blocks for 12” wide plinth beams.

Wherever soil is loose, 2 to 3 layers of solid blocks must be laid for support in place of one layer.

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