

Q. 12) Ans →

Column Head: → Uses of Column heads shear strength of flat slab is increased by using Column head. Over Column heads reduce the clear or effective span, and therefore reduce the moment in the flat slab floor.

Column drop: →

Drop panel is a thickened portion of flat slab around column to resist shear (punching) at flat slab and column junction. It is part of flat slab. It does not support any other structural member. Column head is a bracket on top of column or an enlarged cross section of column at its top on which other structural member can rest.