

[Document Type] Abstract

[Title of the Invention] BEAM TO COLUMN CONNECTION AND STEEL
REINFORCED CONCRETE COLUMN

The present invention provides a beam to column connection of a steel frame column around which concrete is placed and a steel beam which is disposed on a side of the steel frame column. The beam to column connection includes a steel beam which is provided in a side portion of the steel frame column and supports the beam mounting member to be movable in a horizontal direction; and a locking unit which is disposed on an upper surface of the steel beam and is locked in the concrete. The locking unit is one of or both a stud erected on the upper surface of the steel beam and a dowel penetration hole formed on the upper surface of the steel beam.

FIG. 1