

[Document Type]            Abstract

[Title of the Invention]   BEAM-TO-COLUMN CONNECTION

The present invention provides a beam-to-column connection which is a structure of a non-diaphragm type. The beam-to-column connection includes a column that has a steel reinforced concrete structure or a steel framed structure, and a beam that has a steel framed structure joined to the column. The column has a steel column which has a flanged cruciform cross section or an H-shaped cross section and includes a web, a flange, and a full strength joint portion and a non-full strength joint portion joining the web and the flange to each other. The full strength joint portion is formed in at least a range in which tensile stress acts on the flange of the steel column when bending moment acts on the beam.

FIG. 5