

ABSTRACT

There is provided a joint structure connecting a primary beam having an H-shaped cross-section and an end in an axial direction of a secondary beam having an H-shaped cross-section and extending in a direction intersecting the primary beam, the joint structure including: a gusset plate joined at least to a web and a top flange of the primary beam; and a row of bolts arranged in a beam height direction of the secondary beam and joining the gusset plate to a web of the secondary beam, in which a distance from an axial center of a bottom bolt in the row of bolts to a bottom surface of a bottom flange of the secondary beam is less than $1/5$ of a beam height of the secondary beam.

FIG. 2