

ABSTRACT

JOINT STRUCTURE OF COLUMN AND STEEL PIPE PILE

A joint structure (A) of a column and a steel pipe pile includes: a column (40) of a superstructure (2); a steel pipe pile (5) having a rib (6) on an inner wall surface, being erected in the ground, and an interior thereof being filled with concrete (35); and a connection member (10). The connection member (10) includes: a strut (11) having a leg portion (13), which is inserted into the steel pipe pile (5) and fixed by concrete, and a joint portion (12) to be joined with the column (40); and cross beams (14a to 14d) attached to the strut (11) in a horizontal direction.

Fig. 3