PREFABRICATED FRAME AND CONSTRUCTION METHOD USING THE SAME

ABSTRACT

The present invention relates to a prefabricated frame and a construction method using the same. The prefabricated frame includes comprising a column (1), a main beam (2) connected to the column (1), a secondary beam (3) connected to the main beam (2), and a floor (5). The main beam (2) and the secondary beam (3) both are prefabricated members, and are provided with, on respective top portions thereof, exposed reinforcing bars, and reinforcing bars at cast-in-situ parts. The floor (5) is a laminated plate, with a prefabricated slab (51) arranged at a lower portion thereof. The prefabricated slab (51), the main beam (2), and the secondary beam (3) are connected together by means of cast-in-situ concrete on the respective top portions thereof. The prefabricated frame and the construction method of the present invention can effectively reduce the amount of on-site construction work, the number of on-site nailing of plates, and pollution and waste, and remarkably save human resources, thereby effectively improving construction efficiency and shortening construction durations.

(Fig. 1)