

## **BEAMLESS FLOOR STRUCTURE FOR BUILDING AND CONSTRUCTION METHOD FOR THE SAME**

### **ABSTRACT**

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Disclosed herewith a beamless floor structure for building, comprising columns (1), column caps (2), and a floor slab. The column cap (2) is a prefabricated member, and a column plate strip (31) at the top of the column cap (2) has a cast-in-situ reinforcing concrete structure. The column cap (2) is provided with exposed  
10 reinforcing bars, for connection with reinforcing bars in the column (1) and the column plate strip (31). The inter-column plate strip (32) and the intermediate plate strip (33) are joined together by prefabricated plates at respective bottom portions thereof, and by cast-in-situ reinforcing concrete structure at respective upper portions thereof. The prefabricated plate at the bottom portion of the inter-column plate strip  
15 (32) is provided with exposed reinforcing bars, for connection with reinforcing bars arranged in said cast-in-situ reinforcing concrete structure.

(Fig. 1)