

ABSTRACT

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CURRENT METHOD OF DOING COLUMN, BEAMS, AND SHEAR WALL WORK ON TOKYO RIVERSIDE APARTMENT PIK 2 PROJECT

There is a need to prepare students in the major of construction for real world experience, hence this short internship with the Tokyo riverside apartment PIK 2 project. While performing professional work here, students worked under the supervision and guidance of the engineering division. The tasks involved upper structure work that includes the methods of carrying out work of column, shear wall, and beam. To shorten construction time, floor to floor system was used. This enabled construction of columns, beams, shear walls to be completed within 4 days. With 4 zones in a floor, each floor in tower 3 and 4 can be completed within the allocated schedule. This method is proven to have shorten the length of construction time in this project.

Keywords: Tokyo Riverside Apartment, Floor to Floor System, Upper Structure