

ABSTRACT

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METHODS OF IMPLEMENTATION OF SHEAR WALL AND CORE WALL WORKS IN THE DEVELOPMENT OF THE BINTARO JAYA XCHANGE HOTEL PROJECT PHASE II

The Professional Work course is a compulsory subject for every study program as one of the requirements for graduation at Pembangunan Jaya University. In this course, students are required to go directly into the world of work by going directly to the field. The purpose of Professional Work is for Practitioners to obtain information, insights, and new experiences that are not obtained during lectures. In addition, Practitioners can develop their abilities and qualities in the world of work by carrying out professional work in the Bintaro Jaya Xchange Project Phase II.

The research methods used in this professional work are observation, field practice, interviews, and literature study. Literature study is done by searching for data and information that can support the writing process. Data collection is carried out by the practitioner while participating in professional work, which is from February 15 to May 28, 2021.

The Bintaro Jaya Xchange Phase II project is a project that builds a shopping center, hotel, and oceanarium. The scope of discussion in this project focuses on the method of implementing the shear wall and core wall work in the hotel area. The implementation method starts from fabrication to curing and maintenance stages. The obstacles faced in the construction process are general constraints and technical constraints. Common obstacles consist of cases of COVID-19 as well as erratic weather conditions. Meanwhile, technical problems consist of lack of bendrat wire ties, porous concrete and rust on the reinforcing steel.

Keywords : *Bintaro Jaya Xchange Phase II, Implementation Method, Shear Wall, Core Wall*