

ABSTRACT

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METHOD OF IMPLEMENTATION OF PILE FOUNDATION AND SOIL EXCAVATION WORKS IN THE MITRA ISWARA RORIMPANDEY (MIR) PROJECT

Interns get the opportunity to carry out Professional Work in the Mitra Iswara Rorimpandey Office Development Project carried out by PT Jaya CM as a Construction Management Consultant and PT. Indonesia Pondasi Raya (Indopora) Tbk as a pile foundation contractor and PT Wijaya Kusuma Construction as a SAPP contractor. Interns work under the supervision and guidance of the PT Jaya CM Engineer Structure division, with field work tasks in the form of supervision and inspection of field work in accordance with the form of project planning and working drawings. In the Professional Work activities, interns learn the work of determining pile points, checklists of which pile points have been carried out, monitoring piles whether they are in accordance with the points, pile testing such as loading tests, PDA (Pile Driving Analyzer), and PIT (Pile Integrity Test). During the Professional Work in the Mitra Iswara Rorimpandey Office Development Project, interns learn the methods of implementing foundation and excavation work that go through several stages of implementation and use several heavy equipment as needed. Through this Professional Work activity, interns can gain various experiences in working actually on the Mitra Iswara Rorimpandey Office Project and can understand the implementation methods in foundation and excavation work. During the work period, interns must comply with the work ethics standards and regulations set by consultants and contractors.

Keywords : *Pile Foundation, Implementation Method, Quality Control, Soil Excavation*