

ABSTRACT

Jesse Widodo (2019091028)

Muhammad Erlanda Hamka Pradipta (2019091029)

METHOD OF IMPLEMENTING BORED PILE FOUNDATIONS IN UNIVERSITAS NEGERI JAKARTA BUILDING PROJECT A/B BUILDING

Practitioners perform professional work on the Universitas Negeri Jakarta Building A/B Building Project which was carried out by PT Jaya Konstruksi Manggala Pratama Tbk as the implementing contractor. At the beginning of the professional work period, the practitioner seeks general data owned by the contractor on the Universitas Negeri Jakarta Building A/B Building Project as a basis for preparing this report. Then the practitioner works under the Quality Control division of PT Jaya Konstruksi Manggala Pratama Tbk, with fieldwork assignments including other forms of supervision and inspection of fieldwork by the project planning form. Supervision carried out by the Quality Control division is an activity carried out to ensure material standards, implementation methods, and final work results are by the plans that have been made. The process of work implementation methods observed by the practitioner in the work activities of this profession includes the implementation of bored pile foundation work, steel bar assembly, slump test, and bored pile foundation casting. While carrying out professional work on the Universitas Negeri Jakarta Building A/B Building Project, the practitioner experienced problems such as heavy equipment damage during work and inundation or flooding at the bored pile foundation work location. This is a discussion that can be further reviewed by practitioners to add insight into the professional world. During the professional work period, the practitioner is required to follow work ethical standards and provisions set by the implementing contractor..

Keywords : implementation method, bored pile foundation, Quality Control, loading test.