

## ABSTRACT

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### **METHOD OF WORK OF THE LOWER STRUCTURE OF THE PILE FOUNDATION, PILE CAP, AND TIE BEAM IN THE TOTAL REHAB PROJECT OF SMKN 74 JAKARTA SCHOOL**

*The intern had the opportunity to carry out professional work in the SMKN 74 Jakarta Total Rehab Project carried out by PT Jaya Konstruksi Manggala Pratama, Tbk as the main contractor. The intern worked under the supervision and guidance of the Quantity Surveyor and Quality Control divisions of PT Jaya Konstruksi Manggala Pratama, Tbk, with the task of calculating the volume on the SMKN 74 Jakarta project and field work in the form of supervision and inspection of field work in accordance with the form of project planning. In the professional work activities, the intern studied the lower structure which includes pile foundations, pile caps, and tie beams. The intern discussed these problems to improve understanding in the professional field. During the work period, the intern was required and able to comply with the work ethics standards and regulations set by the main contractor.*

**Keywords:** *Kerja Profesi Course, Substructure, Implementation Method, Pile Foundation, Pile Cap, and Tie Beam*