

## **ABSTRACT**

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*MTH 27 Office Suites Construction Project. Method of Implementation Column and Volume Calculating of Founding at Story 4 Zone 2 As 3 – 4 Type C3 and C3A  
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*(xvi+82+attchment)*

*The MTH 27 Office suites construction project is located on M.T Haryono Kav. 27, Cawang, East Jakarta. This office building was built on an area of  $\pm 4.077 \text{ m}^2$  consisting of 13 floors, 4 basement and 1 roof. PT. Adhi Commuter Properti as ptoject owner, structural plamming consultant PT. Haerte (HRT), architect panner consultant, namely Indomegah, consultant MEP planner ( Mechanical, Electrical, and Plumbing) PT. Malmass Mitra Teknik, construction manajemen consultant, namely PT. Bina Karya as Construction Manajemen and P.T Adhi Persada Gedung as executing contractor. The type of contract performed is lump sum, with a contract value of Rp. 14.000.000.000,00 by way of payment monthly progress. This project has an implementation period of 19,5 mounths and a mainyenance period of 365 calender days. One of the basic things needed is a column as continuation of the entire building load to the fondatiom. In a implementation carried out at the column work includes land preparation, marking, installation od scaffolding and formwork, installation and checking of reinforcement, casting, curing and finishing.*

*Keywords: Implementation Method, Volume Calculation, Iron Needs of Column*