

ABSTRACT

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"Method of Implementation of Column Work".

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(xiv + 45 + Appendix)

The apartement developmrnt project in the Tangerang area is an apartement building which has a land area of $\pm 163.000 \text{ m}^2$ and a building area of 1.250 m^2 consisting of 35 floor in tower A, 37 floor in tower B, 45 floor in tower C, 50 floor in tower D. The owner of this project is PT. Jaya Bumi Cakrawala, PT. Rematha as consultants planning, PT. Makesthi Enggal Enginnering as electrical mechanical consultants, Antonyuu and Ferry Ridwan as design consultants, PT. Reynold Partnership as quantity Surveyor consultants, PT. Nusa Raya Cipta Tbk as the main contractor. The type of contract used is a Tender Contract with total contract value of Rp. 653.331.250.000,-. The implementation of the Apartement Carstensz Residence construction is planner for 1 years with an implementation time of 2 years 7 month. Observation made in the field are in contruction project includes preparatory activities including work marking, lower structure work including foundation work, pile cap and upper structure work including floor plate work, columns. The method of carrying out column work begins with marking work using theodolite tools, fabrication of column reinforcement, installation of column reinforcement, installation of column formwork, checking of column formwork, casting of columns, dismantling of formwork, maintenance (curing).

Keywords: Development project, implementation method, column,apartement