

## **ABSTRACT**

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*Cartensz Residence Apartemen Development. Methods of Implementing Column Work*

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*(xii+29+attchment)*

*Cartensz Residence Apartment development project is located in Ruko Mendrisio I Blok B Jl. Boulevard Raya Gading Serpong, Tangerang. This residential project is built on an area of  $\pm 1,250^{m^2}$  consisting of 46 floors, PT. Jaya Bumi Cakrawala as the project owner, consultant structural planner, PT. Rematha Daksa Optima, architectural planner consultant antonyuu + Ferry Ridwan, consultant planner MEP (Mechanical, Electrical, and Plumbing) PT. Makesthi Enggal Engineering, construction management consultant, PT. Imago Partners creation construction management and PT. Nusa Raya Cipta, Tbk as the managing contractor, the type of contract carried out is Lump Sum Fixed, with a contract value of Rp. 653,331,250,000.00 by payment monthly progress. The project has a implementation period of 32 months and a maintenance period of 952 calendar days. One of the basic things needed in a building is a column as a successor to the load of the entire building to the foundation. The methods of implementation carried out on column work include land preparation, marking, installation of scaffolding and formwork, installation and checking of bones, casting, curing and finishing.*

*Keywords: Implementation Method, Column Work, Column*