

## **ABSTRACT**

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*Building Consctruction Project Apartement Savyavasa Luxury Residence  
Implementation of Column Work Using Coupler on Connecting Reinforcement  
Column on 16<sup>th</sup> Floor Tower 3*

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*Apartment Savyavasa Luxury Residence is an apartemen development project located on jl. Wijaya II. Jl. Dharmawangsa Raya. City of South Jakarta, Special Capital Region of Jakarta 12160. This development is led by PT. Taisei-CSC JO as main contractor. Apartment Savyavasa Luxury Residencebuilding has a land area of 3 000m<sup>2</sup> hectares, a building area of 157,943.44 m<sup>2</sup> and planned to have 3 towers. In this project there are several construction wprk such as preparatory work, upper structural work, lower structural work and finishing. The focus of the discussion is the method of carrying out column work using coupler to connect column reinforcement on the 16<sup>th</sup> floor of tower 3. The coupler is a slab replacement connecting column reinforcement. Column work implementation methodes include marking as clumn using a waterpass, assembling column reinforcement carrid by a tower crane, installing column reinforcement, checking column reinforcement (clumn reinforcement checklist, installing column formwork, verticality testing, column casting, and column maintenance (curing) using a roll and water.*

*Keyword: Column, Implementation Methode, Coupler*