

## **ABSTRACT**

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*Construction of the Apartemen Holland Village*

*Special Problem "Implementation Method and Requirements for Requirement of Reinforced Iron at 6th Floor Shear Wall Office"*

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*(xiv + 70 + Appendix)*

*Construction of the Apartemen Holland Village in Jl. Ahmad Yani No. 10 Cempaka Putih, Jakarta Pusat from owner PT. Trimitra Multi Sukses aims as a means and infrastructure for apartments. Multi-storey building structure is prone to lateral forces, mainly due to the force caused by the earthquake. Indonesia is also included in the region that has high seismic intensity. The development of science and technology has led to one of the solutions to improve the performance of high-level building structures, namely the installation of shear walls to increase the stiffness of the structure and absorb shear forces along with the higher structure and methods used in shear wall there are several types including climbing method that can be done 2 floors. on the floor plate. The shear wall is a wall that functions as a continuous stiffener to the foundation and is also a core wall to reinforce all buildings designed to withstand shear forces, lateral force due to an earthquake. Shear walls are generally rigid, so the horizontal deformation becomes small.*

*Keywords: Shear Wall, Lateral Style, Building Structure*