

## **ABSTRACT**

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### **IMPLEMENTATION METHOD OF THE UPPER STRUCTURAL STRENGTH ON THE SERPONG KINGLAND AVENUE PROJECT**

*The Kingland Avenue Serpong Apartment Project is a vertical residential property that is being worked on by PT. Totalindo Eka Persada in the Alam Sutera Serpong area, South Tangerang. This apartment property is owned by PT. Hongkong Kingland from China in cooperation with Alfoland Group (PT. Perkasa Internusa Mandiri) and PT. Asian Growth. This project consists of 5 towers, currently the project implementation is carried out in Tower II, namely The Fritz which consists of 32 floors, 2 basements, and 1 rooftop floor. The practitioner will discuss the implementation of upper structure work on 19-22 floors including columns, beams, and shear walls and floor plates. Practitioners have the opportunity to find out details about the contractor's job description on the Kingland Avenue Apartment project and follow the construction material testing process, namely testing the tensile strength of iron reinforcement. Along with that, the practitioner can also understand the problems that arise in the project that can occur during the work and how to overcome them.*

**Keywords** : Apartment, Residential, Structural Strength, Implementation Method