

## **ABSTRACT**

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### **BORED PILE AND PILE CAP FOUNDATION WORK METHODS AT BANTEN REGIONAL GENERAL HOSPITAL**

*The Banten Regional General Hospital construction project consists of 8 floors. In this project, there are two structural works namely the upper structure and lower structure. Substructure work using bored pile and pile cap foundations. The bored pile foundation that is being worked on has a depth of 16 and 24 m. In the pile cap work has a thickness of 1,5 m. Practitioners have the opportunity to carry out work in the lower structure work stage, namely the implementation of bored pile and pile cap work. The practitioner supervises the bored pile workflow carried out by a subcontractor of PT. Pakubumi Semesta while the pile cap carried out by PT. PP (Persero) starting from the preparation process as well as work in several locations in the Hospital area. It is intended that the practitioner can understand the stages of the bored pile and pile cap work method and ensure that obstacle during construction can be overcome.*

**Keywords:** *Bored Pile, Pile Cap, Lower Structure*