
ABSTRACT

*Title : Metode Pelaksanaan Pekerjaan Bored Pile Dan Pile Cap Proyek Boarding House,
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At this stage of development, the most influential factor in highrise building structure design is the strength of the building structure which is related to the security and the durability of the building with holding and accommodating the load in the structure. The lower structure is the foundation and structure of a building where is below the surface of the ground that has function of bearing the load of the building on it. In the construction of the Boarding House building, the lower structure that consists of foundation and pile cap. The selection of bored pile foundations for the Boarding House building project is due to location of the project in a densely populated area as we know that the bored pile drilling process does not cause noise and vibration disturbances that creates any danger of the surrounding buildings and also there is no risk of ground-level rise. The method of bored pile foundation on this project is by using boring machine.

The practical work was conducted by examining conditions in the field. The purpose of this practical work is to find out the work of bored pile and pile cap directly in the Boarding House building project. The conclusion of this report is the method of implementation is very influential on the results of a job. It means to get an efficient and effective job is based on good time, cost and quality.

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