

CONSTRUCTION DESIGN OF PILES AND PILE CAPS

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ABSTRACT

This project shows the construction design of piles and pile caps. The report is divided into 7 topics and 4 appendixes.

The first topic is the illustration list. This illustration list to show what the internal design of the piles and pile caps consists of. The number of steel bars and dimensions of the piles and pile caps can be obtained.

The second topic is the introduction of my project. At this topic there will be a brief introduction of the definition of piles and pile caps. All the equations used to construct the piles and pile caps will be mentioned there.

For the third topic is the construction. At this topic, the methods and equipment's used to construct the piles and pile caps are mentioned here as well. The types of equipment to construct, for example the power auger equipment to install the pile. The will be some illustrations and figure to refer to in the appendix.