

DESIGN OF A LAKESIDE BUNGALOW IN STEEL

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ABSTRACT

This report is regarding the design of a lakeside bungalow in steel which will be located in Penang Island through reclaimed land. The architectural layout plan, structural and sectional drawing will be designed. Types of walls for the steel structure will be selected and most of the facilities in the building will be briefly described. Helicopter landing pad and boathouse are strongly recommended in this project. Besides that, the problems encountered and the solutions when doing this report will be discussed.

For the outcome of the project, the designs of the bungalow and its structural elements have been chosen. Design of structural components involved slab, beams and column. For the foundation of the bungalow which is ralf foundation will only briefly describe.

In the conclusion, I have to find out the solutions from the websites and some references books to complete my project.