

THE DESIGN OF A TROPICAL SEASIDE TIMBER CHALET

Prepared by: Gan Poh Xiong

ABSTRACT

On behalf of the project title “The Design of a Tropical Seaside Timber Chalet”, the objective of the project is to design a structural which is durable to certain resistance, economical and safe to be used by the end occupant.

Firstly, the project has been worked out by the architectural drawing, which involves the design for the structure is also determined. This is shown by the architectural drawing attached in this report.

Consequently, the main frame of the project would be the structural design of the single storey timber chalet. The further of the report will guide through the process of the design. Methods of design are done step by step and design work is based on the reference of British Standard Code of practice. The design work is started from the top of the structure to the bottom of it. Towards the end of the design, the detailing of the structure elements is also revealed.