

STRUCTURAL AND REINFORCEMENT CONCRETE DESIGN OF A DOUBLE-STOREY BUNGALOW HOUSE

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ABSTRACT

In the preparation of this project named (structure and reinforced concrete design for double storey bungalow house). I have the aims of the original text, namely to provide a broad base treatment of the essentials of the design, while at the same time demonstrating the application of the subject studied before, particularly of the study and solution of higher level problems in selected areas.

In retaining this 'application' approach, the data, calculations and design in this project are aware and pleased that this technique currently follow the recommendations of the British Standard codes of practice for reinforce concrete and in particular to part 1 to 3 of BS8110; 1995 structural use of concrete; BS6399, design loading for building. Part 1: code of practice for dead and imposed loads: 1984 & CP3. Functional requirements of buildings. The code has been prepared by British Standards Institution. I believe that these standards are sufficient for the design of the project itself.

Upon completion of this project will determined how the limit-state theory applied to the design loads acts on the structures and reinforcement concrete design where the limit-state design is the national outcome of a rethinking of the fundamental purpose of structural design, which is to produce structures that are safe, serviceable and economic.