

STRUCTURAL DESIGN
OF A TWO STOREY HOUSE

BASED ON BS8110

By

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Project report

Submitted to

the Department of Civil Engineering

of the Higher Technical Institute

Nicosia Cyprus

in partial fulfilment of the requirements

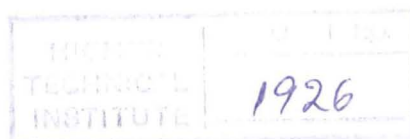
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Diploma project number: C/627

Title: Design of a two storey house based on BS8110

Objectives:-

1. To analyse and design all the slabs.
2. To analyse and design all the beams.
3. To analyse and design two columns.
4. To analyse and design two foundations.
5. To produce the necessary construction drawings.

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INTRODUCTION

The objective of this present project was to analyse and design the main elements of a building which are the slabs, beams, columns and foundations and to produce some drawings.

During the designing process several problems appeared. I tried to give the best solution to these problems throughout studying and research.

It is expected that some errors or omissions might exist, but i hope that the reader will show undsrstanding, having in mind that the intention was not only to offer solutions but mainly to gain some experience and knowledge by involving with the designing problems and to create a start for further study and research.

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