

HIGHER TECHNICAL INSTITUTE  
CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DESIGN OF A TWO-STOREY HOUSE  
USING BS 8110

C/949

PANAYIOTA IOANNOU  
JUNE 2001

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HIGHER TECHNICAL INSTITUTE	PROJECT NO. 3219
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## ACKNOWLEDGEMENTS

*I would like to express my sincere appreciation and thanks to my project supervisor Mr. Demetris Andreou, Lecturer of the Higher Technical Institute, for his valuable help and guidance during the preparation of this project.*

## Summary

Structural Design of a two-storey house

by

Panayiota Ioannou

The purpose of this project was to analyse and design a two-storey house in reinforced concrete from preliminary architectural drawings using BS 8110.

## INTRODUCTION

A Full structural analysis and design of a two-storey house based on architectural drawings was carried out in accordance to BS 8110.