

HIGHER TECHNICAL INSTITUTE

CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

A STRUCTURAL DESIGN OF  
A TWO STOREY HOUSE

BY:

MICHAEL VRONTIS

C/927

JUNE 2000

A structural design of a two storey house

by

MICHAEL VRONTIS

Project Report

Submitted to the department of

Civil engineering of the

Higher Technical Institute

Nicosia - Cyprus

in partial fulfillment of the

requirements for the diploma of

TECHNICIAN ENGINEER

in

CIVIL ENGINEERING

June 2000

HIGHER TECHNICAL INSTITUTE	PROJECT NO. 3091
----------------------------------	---------------------

## ACKNOWLEDGEMENTS

I would like to express my sincere appreciation and thanks to my supervisor Mr M. Poullaides for this valuable help and guidance during the preparation of this project.

Project supervisor: Mr M. Poullaides

Kind of project: Individual

## Summary

To analyse and design a two-storey house in reinforced concrete.

To detail typical slabs, beams, columns and foundations.

Architectural drawings are provided by the supervisor.

Design according to BS 8110