

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

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Project Report

Submitted to the department of

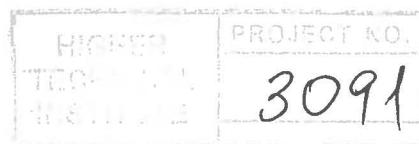
Civil engineering of the
Higher Technical Institute

Nicosia - Cyprus

in partial fulfilment of the
requirements for the diploma of

TECHNICIAN ENGINEER
in
CIVIL ENGINEERING

June 2000



ACKNOWLEDGEMENTS

I would like to express my sincere application 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