

**HIGHER TECHNICAL INSTITUTE
CIVIL ENGINEERING DEPARTMENT**

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DIPLOMA PROJECT

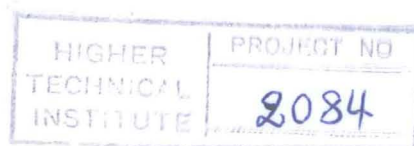
DESIGN OF A TWO-STOREY HOUSE

BASED ON : BS 8110 1985

BY:

THEMIS TOKKARIS

PROJECT NUMBER : C/671



ACNOWLEDGEMENTS

I would like to express my deepest gratitude to *Mr. Demetris Andreou* for the advice and the guidance that he had given to me throughout this Project.

SUMMARY

The present Project covers the following topics :

- I. The design of all reinforced concrete member (slabs,beams,columns and foundations) of the present construction followed by the necessary figures.
- II. The construction drawings of all structural members mentioned above.The drawings include the roof and floor plan of the slabs ,showing the arrangement of the reinforcement.The sections of all column and beams,and the ground floor plan showing the foundations and the ground beams.
- III. The preparation of the architectural drawings of the two-storey building.The drawings consist the ground floor plan, first floor plan, front - back and side elevations and a longitudinal section .

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