HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL SERVICES OF A MULTISTOREY BUILDING

E / 1063

CHRISTOFOROU ANNA

JUNE 1997

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DEDICATED TO MY FAMILY

AND REAL FRIENDS

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ABSTRACT

This project deals with the comlete electrical installation of a multistorey building and the objectives are:

a) To design the complete electrical installation.

b) To study the illumination engineering work involved.

c) To provide all necessary diagrams , schedule of materials and costing including labour.

The design was carried out according to :

1) The E.A.C supply i.e 415 / 240V , 50Hz.

2) The I.E.E regulations (16th edition).

3) The CIBS code for designing the lighting load.

ACKNOWLEDGMENTS

I would like to express my sincere thanks to my project supervisor Mr. Georgios Kourtellis for his quidance and valuable advice during the whole process of this project, and the useful information about electrical installations learned to us through lectures during the three years in the H.T.I.

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