HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL SERVICES OF A MULTISTOREY BUILDING

E/1359

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DESIGN OF THE ELECTRICAL SERVICES OF A MULTISTOREY BUILDING

By

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Project report submitted

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Project Supervisor: Mr. G. Kourtellis

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ABSTRACT

This project deals with the electrical services of a multistorey building which includes the following:

a) Illumination design of the building.
b) Design of the electrical installation.
c) Design of the telephone installation and TV distribution.
d) Design of the specialized electrical services of the building.
e) Costing of the installation including labour.

The design is carried out according to:
- The **I.E.E (16th edition)** and **E.A.C** regulations for the electrical installation design.
- The **C.I.B.S** code for the illumination design.
- The **CY.T.A** requirements.

INTRODUCTION

The basic objectives of this project are:

1) To design the complete electrical installation of a multistorey building which includes the following.

a) Power
b) Lighting
c) Telephone and TV distribution
d) Lightning protection

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

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