

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL INSTALLATION
OF A HOTEL APARTMENTS

E/1140

CHRISTODOULOU A. CHRISTODOULOS

JUNE 1998

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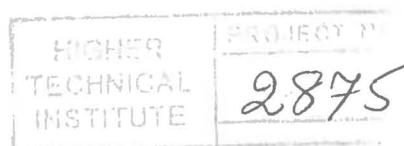
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**In part satisfaction of the condition for the award of Diploma of
Technician Engineer in Electrical Engineering of the Higher
Technical Institute.**

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ACKNOWLEDGEMENTS
ABSTRACT
SYMBOL LIST
INTRODUCTION

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1.1 Introduction
1.2 Definitions and
1.3 Typical Illumination

CHAPTER 2
EARTHING SYSTEMS
2.1 Introduction
2.2 Direct Connections
2.3 Indirect Connections
2.4 Earthing Arrangements

CHAPTER 3
LIGHTING DESIGN
3.1 General
3.2 Procedure
3.3 Calculation

***Dedicated to my parents
Andreas and Olga for
having offered me so
much***

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This project design
apartments.

Analytically, **ACKNOWLEDGEMENTS**

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- (b) To
- (c) To
- (d) To

This project includes
each part of the design.

The building consists of
The main consists of
Type 2 consists of ground

ABSTRACT

This project deals with the electrical installation services of a Hotel apartments.

Analytically, this project is an electrical design of a Hotel apartment including:

- (a) Lighting
- (b) Power
- (c) Telecommunication
- (d) TV and Antenna System

This project includes the design procedure, typical calculation examples for each part of the design and also includes the relevant drawings.

The building consists of 3 buildings. The main building, type 1 and type 2. The main consists of reception, offices, restaurant and kitchen. Type 1 and Type 2 consist of ground and first floor, which are used as rooms.