Higher Technical Institute ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL SERVICES OF A MULTISTORY BUILDING

BY STAVROS ZEKAS

£/1182

TUNE 1999

HIGHER TECHNICAL INSTITUTE ELECTRICAL ENGINNERING DEPARTMENT

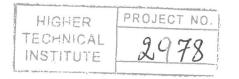
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Stavros Zekas

H.T.I June 1999

GENERAL INTRODUCTION

Title:

Design of the Electrical Services of a Multistory Building

Objectives:

- 1. To design the complete electrical installation of a multistory Building which building includes the following:
- a) power
- b) lighting
- c) telephone distribution
- d) Data distribution
- 2. To provide all necessary diagrams schedule of materials and costing including labour.

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Terms and Conditions:

- 1. Three-phase 415 Vrms 50Hz, T.T. earthing system.
- 2. Architectural drawing will be provided.
- The IEE Wiring Regulations 16th Edition as currently amended and the local EAC conditions of supply must be complied with.
- 4. The illumination design must be in accordance with the CIBS code.
- 5. CYTA requirements to be taken into consideration.

Student : Mr Stavros Zekas, 3EL1

Supervisor : Mr G Kourtellis

CONTENTS

		Page
1.	Chapter 1	1
2.	Chapter 2	37
3.	Chapter 3	42
4.	Chapter 4	81
5.	Chapter 5	85
6.	Chapter 6	113
7.	Chapter 7	115
8.	Chapter 8	142

6