

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL
SERVICES OF A BANK

E. 1237

BY: KADIS GEORGE

JUNE 2000

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GENERAL INTRODUCTION

Title

Design of the electrical services of a bank

Objectives

1. To design the complete electrical installation of a bank building which building consists of the following:
 - a)power
 - b)lighting
 - c)structured cabling
 - d)fire alarm and intruder systems

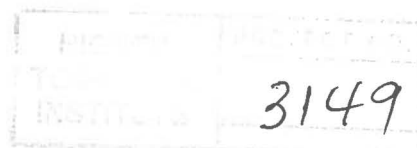
2. To provide all the necessary diagrams schedule of materials and costing including labour.

Terms and conditions

- 1.Three- phase 415V rms 50 Hz ,T.T earthing system.
- 2.Architectural drawing will be provided
- 3.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.

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Supervisor : Mr Demetriou Ioannis



ACKNOWLEDGEMENTS

This is a brief express of graduation, to those that have helped me throughout my effort to complete this project. First of all I want to thank Mr Demetriou Ioannis my project supervisor for his advise and guidance, and for the interest he expressed about the progress of my project. Moreover I want to thank Mr Savvas Savvides for helping me with the fire alarm and intruder systems, Mr Sotiris Avgousti for his help in the structured cabling system and Mr Demetriou Nikos for the general information about the installation that he provided me.

Finally I want to thank my family and my friend Stella for their help and support, throughout the whole process of completing this project and during my three year course in H.T.I.

CONTENTS

Chapter 1 : Illumination design.....	Page 1
Chapter 2 : Final circuit arrangements.....	Page 19
Chapter 3 : Lighting circuit design.....	Page 44
Chapter 4 : Power design.....	Page 47
Chapter 5 : Structured cabling system.....	Page 76
Chapter 6 : Fire alarm system.....	Page 87
Chapter 7 : Intruder alarm system.....	Page 94
Chapter 8 : U.P.S.....	Page 98
Chapter 9: Single line diagrams.....	Page 101
Chapter 10 : Costing.....	Page 114

APPENDICES