

**HIGHER TECHNICAL INSTITUTE**

***ELECTRICAL ENGINEERING COURSE  
DIPLOMA PROJECT***

**DESIGN OF THE ELECTRICAL SERVICES  
OF SHOPS/RESTAURANTS COMPLEX**

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In partial fulfilment of the requirements for the award of Diploma of Technician Engineer in Electrical Engineering of the Higher Technical Institute, Cyprus.

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6

## SUMMARY

### DESIGN OF THE ELECTRICAL SERVICES OF SHOPS / RESTAURANTS COM- PLEX

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This project deals with the design of the electrical and telecommunications services of shop and restaurants complex.

The electrical installation is composed of the design of the lighting and power circuits as well as some other arrangements such as earthing which provides the normal operations of these circuits. The project includes typical calculations for each part of design and analytical tables with the results of the relevant part.

The telecommunication service comprises of the telephone installation.

It is also installed central antenna system in a part of the complex.

The whole design was carried out in order to provide the safety operation of the different works for the people working or visiting the building.

All the paths of the conduits and loads are shown on the drawings.

## CONTENTS

		PAGE
SUMMARY		
INTRODUCTION		
PART A: ELECTRICAL SERVICES		
CHAPTER I: ILLUMINATION DESIGN		
1.1.	Introduction	1
1.2.	Definitions, units and symbols	2
1.3	General formula for number of luminaire used	4
1.4.	Location of luminaires	4
1.5.	Typical calculations	4
1.6.	Illumination design results	7
CHAPTER II: CIRCUIT DESIGN		
2.1.	Circuit design procedure	10
CHAPTER III. LIGHTING DESIGN		
3.1.	Introduction	12
3.2.	Typical calculations	12
3.3.	Lighting design results	15
CHAPTER IV: POWER DESIGN		
4.1.	SOCKET OUTLET design	17
4.1.1.	Definition of socket outlet	17
4.1.2.	Typical calculations	17
4.1.3.	Socket outlets results	22
4.2.	FIXED APPLIANCES	26
4.2.1.	Cooker unit	26
4.2.2.	Instantaneous hot water heater	36
4.2.3.	Fixed appliance results	40

	4.3.	AIR-CONDITIONING	28
	4.3.1.	Typical calculations	28
	4.3.2.	Air-conditioning results	31
	4.4.	LIFT DESIGN	33
	4.4.1.	Typical calculations	33
	4.4.2.	Lift results	35
CHAPTER	V:	EARTHING	
	5.1.	Intoduction	42
	5.2.	Earthing system	42
	5.3.	Method of earthing	42
	5.4.	Earthing System parts	43
CHAPTER	VI:	DISTRIBUTION BOARDS	
	6.1.	Introduction	44
	6.2.	Distribution Board Calculations	45
	6.3	Balancing of phases	60
CHAPTER	VII:	FAULT LEVEL CALCULATIONS	
	7.1	General	63
	7.2	Fault level calculations	63
	7.3	Single Distribution Board calculations	65
CHAPTER	VIII:	INSPECTION AND TESTING	
	8.1.	Introduction	62
	8.2.	Inspection	62
	8.3.	Testing	62
PART	B:	TELECOMMUNICATION SERVICES AND CENTRAL ANTENNA SYSTEM	
CHAPTER	I:	TELEPHONE INSTALLATION	
	1.1.	Introduction	66

1.2.	Basic principles covering the internal tele- communication network	66
1.3.	Definitions of the terms used	66
1.4.	Earthing	67
1.5.	Planning of the telephone distribution system	68
1.6.	Diagrams	69
CHAPTER II:	CENTRAL ANTENNA SYSTEM	
2.1.	Introduction	70
2.2.	Equipment involved in a central antenna system	71
2.2.1.	Receiving Antenna or Aerial	71
2.2.2.	Mixer	72
2.2.3.	Amplifier	72
2.2.4.	Tap-off units	72
2.2.5.	Socket outlets and plugs	72
2.2.6.	Cable feeder	72
2.3	Calculations	73
PART C:	COSTING	
CHAPTER I:	COSTING	
1.1.	Introduction	77
1.2.	Methods of costing	77
1.3.	Analytical method	77
1.4.	Costing results	78
CONCLUSION		
REFERENCES		
APPENDICES:	Appendix 1	Illimination
	Appendix 2	Tables & Aids for lighting and power circuits
	Appendix 3	Telephones
	Appendix 4	Central Antenna System
DRAWINGS		