

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

**DESIGN OF THE ELECTRICAL SERVICES
OF A BLOCK OF FLATS**

by

DIONYSIOU STAVROS (E/971)

JUNE 1995

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL
SERVICES OF A BUILDING

DIONYSIOU STAVROS

JUNE 1995

HIGHER TECHNICAL INSTITUTE	PROJECT NO 2450
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INSTALLATION OF A BUILDING

PROJECT REPORT SUBMITTED BY :

DIONYSIOU STAVROS

Project supervisor : Mr. Ioannis Demetriou

HIGHER TECHNICAL INSTITUTE	PROJECT NO <i>2450</i>
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DEDICATED TO
MY PARENTS

ACKNOWLEDGMENT

I would like to express my thanks to my project supervisor
Mr Ioannis Demetriou for his assistance and support throughout
this project.

TERMS AND CONDITIONS

1. Voltage supply 415 / 240V , 50Hz T.T. Earthing system
2. The IEE 16th Edition and EAC regulations are complied
3. The CIBS code ,for designing the lighting load, is considered
4. CYTA requirements are taken into consideration
5. B.S. standards for lightning production is taken into consideration

The project deals with the complete electrical installation of a building;

The objectives are :

- To design the complete electrical installation of the building
- To study the illumination engineering work involved
- To provide all necessary diagrams schedule of materials and costing including labour

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