

**DIPLOMA PROJECT**

**DESIGN OF THE ELECTRICAL SERVICES  
OF A BANK**

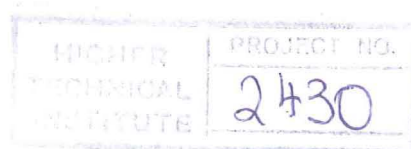
**SUBMITTED BY**

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**In partial fulfilment of the requirements  
for the diploma award of the  
Technician Engineer in Electrical  
Engineering Department of the**

**HIGHER TECHNICAL INSTITUTE  
NICOSIA - CYPRUS**

**JUNE 1995**



## ACKNOWLEDGEMENTS

I feel privileged to have Mr George Kourtellis as my project supervisor and I would like to express him thanks for his valuable assistance and guidance.

I would also like to thank Mr Lakis Josephides for his assistance and guidance in the accomplishment of my project.

I would like to thank Mr Loizou, Head of Electrical Department, for his guidance in the accomplishment of telephony design.

Finally, I have to thank very much Mr Demetris Pitsillides, Mr Stelios Socratous and Mr George Josephides for their valuable assistance in the accomplishment of typing this project.

## SUMMARY

In order to fulfil a complete design of electrical services of a bank, the following designs have done:

1. Illumination
2. Lighting
3. Power
4. Air-conditioning
5. Data Distribution
6. Burglar and Fire Alarm
7. Telephony

The bank is divided into two floor:

1. Ground floor
2. Mezzanine

The whole design of this bank has done according to the IEE 16th and 15th edition wiring regulations, the CIBS code for illumination, the EAC conditions and CYTA regulations.

The most important in every design of electrical services of a premise is the earthing because for the protection of life. So according to this serious things the installation is carefully designed and the materials have used are selected in detail. For the protection of goods, valuables, processes and machinery within the premise the protective devices for short circuits have selected in detail.

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