

**HIGHER TECHNICAL INSTITUTE
ELECTRICAL ENGINEERING COURSE**

DIPLOMA PROJECT

**DESIGN OF THE ELECTRICAL SERVICES OF A HOTEL
INCLUDING SEQUENCE CONTROL AND BUILDING
MAGEMENT SYSTEM**

E/1241

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ABSTRACT

The project under the title “Design of power supply and sequence control of the mechanical installation of a hotel incorporating a building management system” is dealing with:

- Design of the supply cables for all equipment used
- Design of the sequence control of the main mechanical panel and other local control panels for specific equipment
- Design of the building management system for the mechanical installation
- Determination of the total installed KVA load
- Schedule of the material and costing

The design was carried out according to the regulations of the Institution of Electrical Engineers of England (16th Edition), and the local regulations of the Electricity Authority of Cyprus.

This project includes design of the necessary control for the proper operation of the overall system. What was first taken into account during the design was the safety of the equipment and of the workers that will using them.

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5 SIEBE Environmental Controls	
6 RC CONDIZIONATORI	

7 RC UNICO.A.STD.376.S4

Detailed architecture drawings

(at the end of this book in attached envelop)