

HIGHER TECHNICAL INSTITUTE
ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

**DESIGN OF THE ELECTRICAL SERVICES
OF A HOTEL**

By -

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JUNE 1996

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PROJECT REPORT

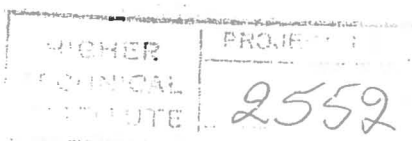
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ABSTRACT

This project deals with the design of the Electrical Services of a Hotel. The electrical services are the Lighting, power and telecommunication installation. This work has been divided into chapters as follows:

CHAPTER 1: this chapter deals with the illumination design and in accordance with the CIBS code we can find the level of illumination of the various areas

CHAPTER 2: This chapter deals with the power and lighting circuits in accordance with the IEE regulations as currently amended and the local EAC conditions of supply.

CHAPTER 3: This chapter deals with safety and earthing.

CHAPTER 4: This chapter deals with the telephone distribution design of the hotel in accordance with CYTA requirements.

CHAPTER 5: This chapter deals with the inspection and testing of the installation.

CHAPTER 6: This chapter deals with the costing of the whole installation (material and labour costing).

The necessary pictures, catalogues and information are given in the appendices.

The drawing of the electrical installation of the hotel are also included.