

DESIGN OF THE ELECTRICAL SERVICES OF  
HOTEL APARTMENTS

by

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Project Report

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## INTRODUCTION

The purpose of this project is to design the electrical installation services of Hotel apartments and to provide working drawings for the above installation, which include the following:

- (a) Lighting
- (b) Power
- (c) Telephone system
- (d) Sound Distribution.

### Terms and Conditions

(1) Three phase 415Vrms 50Hz and single phase 240Vrms shall be considered with the TT earthing system

(2) The IEE wiring regulations 15th edition as currently amended and the local EAC conditions of supply must be complied within the design of this installation.

(3) In designing the lighting load, the C.I.B.S code must be considered.

(4) The telephone installations must be carried out in accordance with the building plans and must conform with CYTA regulations.

### BUILDING:

The building provided, consists of:

Ground floor: 4 hotel apartments, 2 studios, 2 shops, reception room, parking and garden.

First floor: 10 hotel apartments and 2 studios

Second floor: 6 hotel apartments.

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ACKNOWLEDGMENTS

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