

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

**DESIGN OF THE ELECTRICAL
SERVICES OF A BUILDING**

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SERVICES OF A BUILDING**

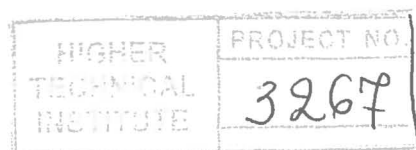
BY

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Project Report

HIGHER TECHNICAL INSTITUTE

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GENERAL INTRODUCTION

The building is consisting of a basement, a ground floor and three floors.

In the basement there is a parking place, in the ground floor there is a bank and in the other three floors there are nine apartments, three in each floor.

Objectives of the project

1. To design the complete electrical installation of the building which includes the following:

- (i) Power
- (ii) Lighting
- (iii) Telephone distribution

2. To provide all necessary diagrams schedule of materials and costing including labour.

Terms and Conditions:

1. Three-phase 415 V_{RMS} 50 Hz, T.T. earthing system.
2. Architectural drawing will be provided.

3. The IEE Wiring Regulations 16th Edition as currently amended and the local EAC conditions of supply must be complied with.
4. The illumination design must be in accordance with the CIBS code.
5. CYTA requirements to be taken into consideration.