

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

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

E/1280

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INTRODUCTION

The project deals with the design of the electrical services of a multistorey building. The objectives of this project are:

- a) To design the complete electrical installation of a multistorey building
- b) To provide all necessary diagrams schedule of material and costing including labour.

The design was carried out according to:

- a) Three-phase $415V_{RMS}$ 50Hz , T.T. earthing system
- b) The IEE Wiring Regulations 16th Edition
- c) The CIBS code for the illumination design
- d) CYTA requirements

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