

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL SERVICES
OF AN OPTICAL HOUSE

BY

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E / 1054

JUNE 1987

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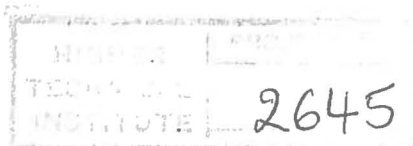
**DESIGN OF THE ELECTRICAL SERVICES
OF AN OPTICAL HOUSE**

SUBMITTED BY

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**In partial of the requirements for the diploma
project work of the technician engineer in
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ABSTRACT

The project deals with the electrical installation services of an optical house.

Analytically this project is an electrical design of an optical house including:

- a. Lighting**
- b. Power**
- c. Telecommunications**

This project includes the design procedure, typical calculation examples for each part of the design and also includes the relevant drawings.

The building consists of 7 floors. The first, second, third and fourth floors are exactly the same. The ground floor and the mezzanine level are used as show rooms. The basement floor is used as a car parking.