

DESIGN OF THE ELECTRICAL
INSTALLATION OF A MULTISTOREY BUILDING

by

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SUMMARY

ELECTRICAL SERVICES OF A MULTISTOREY BUILDING

Submitted by: Makri Michael

The project deals with the Electrical services design of a Multistorey Building.

The objectives of this project are:

1. To design the Electrical installation of an office block.
2. To study the illumination engineering work involved.
3. To provide all necessary diagrams, schedule of materials and costing, including labour.

The whole work was carried out successfully and in a way that all the objectives have been satisfied.

First, the illumination design was studied carefully and any problems arose have been solved. After the design calculations, all the lighting fitting points have been marked on the drawings.

As a second step all the necessary regulations concerning the electrical installation have been studied. All these are shown in the project. After the design calculations, all the results have been tabulated and the diagrams for the electrical connections were drawn. All the drawings are attached in the project.

The main conclusions arising out of this design is that in order to make an electrical installation design it requires, not only to study and work at home, but to go out in such works and see in reality all the problems that the Engineers are facing and what solutions can be found in each case. Personal experience as an engineers will help tremendously in such design.

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