DESIGN OF A MULTISTOREY CAR-PARK

Project Report Submitted by :

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In part satisfaction of the conditions for the award of Diploma of Technician Engineer in Civil Engineering of the Higher Technical Instiute.

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Type of Project : Individual

June 1990

HIGHER TECHNICAL INSTITUTE | PROJECT NO 1590

S U M M A R Y

The design of a multistory car park has been attempted in this project.

The slabs, beams, columns and footings design calculations and considerations are presented, which were based on BS8110. Also the design was based on aseismic requirements as Cyprus lies on a highly seismic area. Part of the calculations presented were done using the help of the program pframe that was run on an IBM PC compatible computer.

The purpose of this project was to involve the author in the design of buildings in general and secondly to provide an alternative solution of the car park problem to the Municipality of Nicosia.

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