

HIGHER TECHNICAL INSTITUTE

1989

CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

Parking and Traffic Design for a Football field.

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Project number: C/487

PARKING AND TRAFFIC DESIGN FOR A FOOTBALL FIELD

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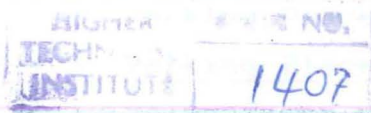
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Reference No: C/487

June, 1989



## SUMMARY

The objectives of this project are the following:

- (a) Methods of parking and traffic flow to be illustrated and explained.
- (b) To prepare all drawings necessary for the operation of a parking area (or smaller areas) of a football field which will be the "New Larnaca Stadium".

This project consists of five chapters.

Chapter No 1 deals with the parking theory. This includes general information about parking. Then the types of off-street parking facilities are mentioned and more emphasis is given on surface parks. Next the various forms of parking stall layouts and the comparison of parallel versus angle parking are mentioned. Afterwards the dimensions of cars and spaces required for parking and unparking are stated. Then a reference is made for the location of entrances and exits. After this the advantages of one-way roads over two-way operation are stated. Later on a statement is made about aesthetics and finally the necessity for the establishment of at least one telephone is essential.

Chapter No 2 deals with the parking design of the "New Larnaca Stadium". The present parking system is shown on photographs. Due to the fact there is no proper parking system i.e. no lines to divide spaces for the parking of vehicles an approach to the best solution for the design of a future parking system, was made. This solution includes seven separate parking places for cars, buses and motorcycles, based on parking layout dimensions shown on table no. 1.

Chapter No 3 deals with traffic control. This includes general information about traffic control. A statement is made about traffic control devices. More emphasis is given on functions, classification, principles, location, maintenance and uniformity of signs, since these were used in the future parking system designed for the "New Larnaca Stadium". Then a reference is made on traffic markings and finally on roadway lighting.

Chapter No 4 represents the traffic control of the future parking system, including traffic control devices such as markings and traffic signs used inside the parking system of "New Larnaca Stadium". Lastly lighting was briefly discussed, as this is the responsibility of a qualified electrical engineer.

Chapter No 5 includes the statistics of the football periods 1987-1988 and 1988-1989 for the "New Larnaca Stadium". Also it includes tables showing the parking layout dimensions for cars, buses and motorcycles, used in the design stage of the future parking system for "New Larnaca Stadium". Finally all relative drawings about the design of the future parking system are available, including topographical and architectural ones.

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