

TITLE: PRODUCTION OF DRAWINGS WITH CAD

WRITTEN & DESIGNED BY:

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Of

**Class:
3C1**

of the

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HIGHER TECHNICAL INSTITUTE
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CIVIL ENGINEERING DEPARTMENT

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Diploma Project Number: C/673

Title: Production of Drawings with CAD

Objectives: -

1. To discuss in general the applicability of computer in the production of drawings.
2. To get familiar with the aid of the CAD Package.

Terms and Conditions:

1. The CAD Package to be used will be agreed with the project supervisor.
2. The drawings will be provided by the supervisor.

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DA/ML

PRODUCTION OF DRAWINGS WITH CAD

The use of AUTOCAD 10 in drawings has been from the beginning a very helpful method.

The invention of the AUTOCAD Program ment the end ink drawing on tracing paper, scratching the paper with rasors and all the mistakes that sometimes had in result of beginning the drawing all over again.

The examples as well the explanations will be on the CAD 10th versions but there are other versions much more advanced like CAD 11th, 12th and SUPERCAD Version.

The USE OF AUTOCAD'S 10th version as well as some drawings produced on it will be exhibited later on.

INVENTORY: (This is to explain what equipment are used in order for the drawings on CAD to the produced)

- 1) COMPUTER:
 - Super VGA (For high resolution drawings)
 - Two or three button mouse along with the mad which the mouse will be on.
 - Keyboard : Some commands are easier to be typed than to be search on the menus and also for the numeric coordinates to be typed in.
 - Digitizer : Insted of using a mouse the digitizer will help the drawings to be done quicker, easier and more efficient.
- 2) PLOTTER: - This is a device specially designed in order to produce drawings with speed and accuracy and has the advantage

to use (from 8 up to 16 colors (some plotters) which the user pre-arranged according to his own will.

GETTING FAMILIAR WITH THE CAD PACKAGE

IN ORDER TO GET FAMILIAR WITH THE CAD PACKAGE HERE ARE SOME BRIEF EXPLANATIONS FOR THE COMMANDS USED IN THE DRAWING GIVEN.