

*PRODUCTION OF DRAWINGS*  
*WITH THE AID OF A CAD PACKAGE*

*by*  
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*Project Report*

*Submitted to*

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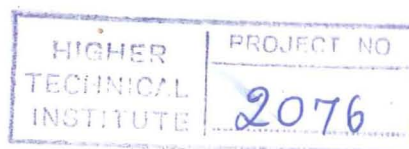
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Demosthenous Demos

## **A. The Applicability of computers in the production of Drawings.**

### **I. The AutoCAD drawing Program**

The AutoCAD drawing program is a powerful drawing tool. It follows yours orders for the fast production of drawings with the maximum sensitivity.

With the high drawing possibilities and the elaboration of the drawings which it has, the AutoCAD can be the necessary tool to the person who his or hers professional career has relation with the big or small production of drawings of any kind.

This is because AutoCAD is not specialized only to the satisfaction of one speciality, like the other programs. The main advantage, is that possibility to be adapted on our special needs of every kind, through the program language AUTOLISP and a general process called customization.

So, any user, depending with his interests, can create his orders, making the program more specialized on the building drawings, views, cuts, details, elevations if this person is an Architect, if this person is a Civil Engineer can make the drawings of the reinforcement, roads, bridges, airports, if he is a Mechanical Engineer can make the drawings of the mechanical installations, for the Topographer the drawings of areas, for the Designer the drawings of circuits, the decorator, the writer e.t.c.

**II. General description of AutoCAD's power. The advantages that AutoCAD has, comparing it with other programs of the same function.**

- The statement of absolute or relative coordinates
- The double sensitivities numbers
- The possibility to use some "standard" or other kinds of measurement.
- Explanatory notes of all the commands on the screen.

## Contents

<b>A .</b>	<b>The applicability of computers in the production of drawings</b>	
I .	The AutoCAD drawing Program.....	1
II .	General description of the AutoCAD's power.....	1
III.	Basic characteristics of the program.....	4
IV .	Organising your work.....	9
V .	Commands, that are most usually used in the two dimensions drawings.....	11
<b>B .</b>	<b>The production of drawings with the Aid of the Cad Package</b>	
1 .	Drawing 1, Foundations.....	1
2 .	Drawing 2, Ground Floor.....	2
3 .	Drawing 3, First Floor.....	3
4 .	Drawing 4, Electric installations of Ground floor..	4
5 .	Drawing 5, Electric installations of First Floor...	5
6 .	Drainage of Ground Floor.....	6
7 .	Drainage of First Floor.....	7
8 .	Reinforcement of First floor.....	8
9 .	Reinforcement of Ground Floor.....	9
10.	Roof.....	10