

PRODUCTION OF DRAWINGS WITH

THE AID OF A CAD PACKAGE

BY

AFXENTI EVDOKIA

Project report submitted to:

THE CIVIL ENGINEERING DEPARTMENT

OF THE

HIGHER TECHNICAL INSTITUTE

NICOSIA , CYPRUS

in the partial fulfillment of the requirements

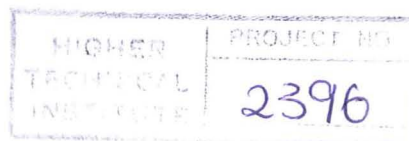
for the diploma of

TECHNICIAN ENGINEER

IN

CIVIL ENGINEERING

JUNE 1995



CHAPTER 2

SUMMARY

The purpose of this project was to produce drawings with the aid of a cad package, to understand and use as many commands as possible of what a cad package can offer and finally , to debate the applicability of computers in the drawing fielt.

Autocad is a computer program which has no limits in capabilities.C.A.D. stands for computer aided design and is suitable for both architects and engineers.Anything than a man can do by hand using autocad could be done much more easily and more accurate and in less time which has a great significance in a business man's world.

Another thing is that operating autocad doesn't need anything else than the basic knowledge about DOS operation and some basic commands of autocad.

You don't have to be a computer expert to use autocad , you just need experience.

TABLE OF CONTENTS

PAGE No

0.Dedication	5
1.Acknowledgements	6
2.Summary	7
3.Introduction	8-9
4.AutoCad release 12	10
5.Computer equipment	11-17
- monitor	
- math processor	
- pointing devices (mouse or digitizer)	
- plotters	
6.Main menu	18-21
7.Screen menu	22-26
- side menu	
- pull down menu	
8.The most commonly used commands of Autocad	27-31
9.Analyzing some of autocad's main commands	32-54

10.3-D autocad	55
11.Conclusion	56
12.Reference	57
13.Drawings	58
- dwg 1 : layout	
- dwg 2 : ground floor plan	
- dwg 3 : first floor plan	
- dwg 4 : elevation 1	
- dwg 5 : elevation 2	
- dwg 6 : elevation 3	
- dwg 7 : elevation 4	
- dwg 8 : section A - A	
- dwg 9 : plan of the septic pit	
- dwg 10: plan and elevation of the fencing	