HIGHER TECHNICAL INSTITUTE

CIVIL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

PRODUCTION OF DRAWINGS
WITH THE AID
OF A C.A.D. PACKAGE

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SUMMARY

The purpose of this project is to discuss the applicability of computers in the production of drawings generally, and the applicability of AutoCAD R14 for Windows specifically.

This project was designed to offer a general overview of the AutoCAD R14 for windows, but nevertheless give a detailed guidance for the way some commands can be executed. To achieve this the author in many cases included original figures from the program.

AutoCAD has offered many solutions in technical drawing. Some of its advantages are the following.
1. Increased productivity
2. Decrease costs
3. Creates accurate drawings
4. Has no limits in excellence of drawing results

CONTENTS

CHAPTER FIVE (FURTHER COMMANDS)

CHAPTER SIX (SPECIAL COMMANDS)

CHAPTER SEVEN (DIMENSIONING)

CHAPTER EIGHT (UTILITY COMMANDS)

CHAPTER NINE (PLOTTING AND PRINTING)

CHAPTER TEN (3D DRAWINGS)

CONCLUSIONS

REFERENCES

DRAWINGS