

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

**BY**

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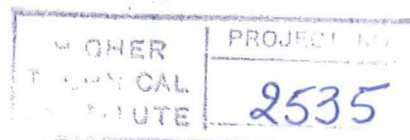
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## *SUMMARY*

The AutoCad design package is a general purpose Computer-Aided Design/Drafting application for the computer. CAD application are tremendously powerful tools. The speed and ease with which a drawing can be prepared and modified using a computer offer a phenomenal advantage over hand preparation. There is virtually no limit to the kinds of line drawings you can prepare using AutoCad. If a drawing can be created by hand, it can be generated by AutoCad. Here are just a few of the applications for which AutoCad is being used today:

- Architectural drawings of all kinds.
- Interior design and facility planning.
- Work-flow charts and organizational diagrams.
- Proposals and presentations.
- Graphs of all kinds.

- Drawings for electronic, chemical, civil, mechanical, automotive, and aerospace engineering applications.
- Topographic maps and nautical charts.
- Yacht design.
- Plots and other representations of mathematical and scientific functions.
- Theater set-lighting design.
- Musical scores.
- Technical illustrations and assembly diagrams.
- Company logos.
- Greeting cards.
- Line drawings for the fine art.

The applications don't stop with static images, though. When used in conjunction with the Autodesk Render Man rendering, 3D Studio rendering and animation programs, AutoCad forms the basis for movie-like presentations and interactive displays. With AutoCad you can place associated objects on layers or group them, forming complex objects and colours of the objects you draw, maintaining them in a database for subsequent

retrieval, analysis, and manipulation. AutoCad release 12 runs under the following operating environments:

- PC-DOS.
- MS-DOS.
- ULDRIX.
- IBM RISC System/6000.
- Sun Micro OpenWindows.
- Microsoft Windows.
- Apple Macintosh.
- SGI IRIX.
- HP-UX.



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