

# Overview of Paper Space, Title Blocks and Templates in CAD

## A Virtual Webinar Using AutoCAD and IntelliCAD – Learn to Standardize Title Blocks

This webinar provides a comprehensive walkthrough of using paper space, title blocks, and templates in CAD environments such as IntelliCAD and AutoCAD. It explains how to standardize plotting, manage multiple scales, and use sheet sets and fields to automate title block data.

### Key Topics:

- Paper space vs. model space fundamentals
- Setting up layouts, viewports, and plot configurations
- Managing title blocks and templates
- Using sheet set manager and fields for automation

*Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.*

*This session was presented by Jennifer DiBona on 04/17/2025.*

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## That CAD Girl

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# **Customizing Title Blocks and Sheet Set Manager in CAD**

## **A Virtual Webinar Using IntelliCAD and AutoCAD – Learn to Customize Title Blocks**

This webinar teaches CAD professionals how to create and customize title blocks, manage attributes, and automate project data using Sheet Set Manager in AutoCAD and IntelliCAD. Participants learn practical workflows for building reusable templates, defining attributes, and linking fields for efficient project documentation.

**Key Topics:**

- Creating and managing blocks with attributes
- Using commands like EXPLODE, BURST, and ATTDEF
- Building custom title blocks and templates
- Automating data with fields and Sheet Set Manager
- Managing multi-sheet projects and updating properties globally

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*This session was presented by Jennifer DiBona on 10/28/2025.*

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# **CAD Tips & Tricks – for AutoCAD and IntelliCAD**

## **A Virtual Webinar Using AutoCAD and IntelliCAD – Improve CAD Block and Layer Workflows**

This webinar, hosted by That CAD Girl, explored practical CAD tips and tricks for AutoCAD and IntelliCAD users, focusing on block management, layer control, and dimensioning best practices. The session also previewed upcoming training events and demonstrated how to manage and redefine blocks effectively across CAD platforms.

### **Key Topics:**

- Working with blocks and layer zero behavior

- Managing and redefining blocks in messy drawings
- Using IntelliCAD Explorer and AutoCAD Design Center
- Creating tool palettes and exporting blocks
- Dimensioning techniques and text overrides
- Upcoming webinars and training sessions

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*This session was presented by Jennifer DiBona on 08/19/2025.*

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# **CAD and Carlson Tips & Tricks**

## **A Virtual Webinar Using Carlson Software – Improve Deed Boundary Drafting**

This Carlson CAD tips and tricks deed boundaries webinar virtual class, from *That CAD Girl* shows how to draft, troubleshoot, and label property boundaries more efficiently. Jennifer walks through both IntelliCAD and Carlson workflows, showing how to draft, troubleshoot, and label property boundaries efficiently.

### **Key Topics:**

- Drawing and editing lines, arcs, and polylines in IntelliCAD
- Entering deed boundaries using CAD coordinates and Carlson deed tools
- Understanding coordinate systems (northing/easting vs.

X/Y)

- Processing and troubleshooting deed files for closure accuracy
- Automating lot labeling, area calculations, and setback creation

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*This session was presented by Jennifer DiBona on 10/15/2025.*

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# Getting Started with CAD Session #1-3

Learn essential CAD drafting and editing skills with That CAD Girl's *Getting Started with CAD* training series. This session covers practical tools, layer management, and real-world workflows for IntelliCAD, AutoCAD, Carlson, and MicroSurvey users .

## **Key Topics:**

- CAD units and file compatibility
- Distance and inquiry commands (DIST, LIST)
- Object snaps and precision drafting
- Editing tools: MOVE, COPY, TRIM, EXTEND, FILLET
- Selection methods and shortcuts (Window, Crossing, Fence, WP/CP)
- Polylines and PEDIT functions
- Layer creation, organization, and visibility control
- Line types, line weights, and scaling (LTScale, PSLTScale)

- Undo/Redo and command efficiency
- Practical Q&A and troubleshooting tips

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*This session was presented by Jennifer DiBona on 09/16/2025.*

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# Getting Started with CAD Session #1-2

Learn the fundamentals of CAD drafting with this training session covering coordinate systems, line commands, and precision tools in IntelliCAD and Carlson. Discover how to use object snaps, polar coordinates, and ortho mode to create accurate, professional drawings efficiently.

## **Key Topics:**

- Introduction to CAD drafting basics
- Coordinate systems (X, Y, and elevation)
- Drawing and editing lines
- Using polar and direct distance entry
- Ortho mode and function key shortcuts (F3, F6, F8)
- Zooming, panning, and navigation tools
- Object snaps and entity snaps (endpoint, midpoint, perpendicular, tangent, intersection, etc.)
- Carlson vs. IntelliCAD line command differences
- Undo/redo and command line operations
- Practical drafting tips for precision and efficiency

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*This session was presented by Jennifer DiBona on 9/16/2025*

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# **Getting Started with CAD, Session 1-1**

Learn the fundamentals of CAD with That CAD Girl's *Getting Started with CAD* training series. This introductory session covers essential CAD concepts, interface navigation, command-line skills, and best practices for working in Carlson, MicroSurvey, and Civil 3D.

## **Key Topics:**

- Understanding CAD platforms (IntelliCAD vs. AutoCAD)
- Navigating Carlson, MicroSurvey, and Civil 3D interfaces
- Using workspaces, ribbons, and toolbars effectively
- Command-line basics and shortcut aliases
- File management, auto-save, and backup strategies
- Customizing options and display settings
- Status bar tools and function key shortcuts
- Drawing settings, units, and coordinate systems
- Line vs. Polyline fundamentals
- UCS icon setup and coordinate orientation

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*This session was presented by Jennifer DiBona on 9/16/2025*

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# CAD Tips and Tricks DIMStyles & Linetypes

## A Virtual Webinar Using IntelliCAD or AutoCAD – Improve DIMStyles and Linetype Setup

This webinar explains how CAD users can effectively manage linetypes and DIMstyles across AutoCAD, IntelliCAD, and Carlson platforms. It covers scaling principles, file management, and customization techniques to ensure drawings plot correctly at any scale.

### Key Topics:

- Understanding and editing .LIN linetype definition files
- Line type scaling (LTSCALE, PSLTSCALE, and PLINEGEN)
- Creating and managing custom linetypes with text
- Dimension style scaling and child styles for radius dimensions
- Best practices for plotting and template setup

*This webinar was presented by That CAD Girl (Jennifer DiBona) on December 18, 2025 and lasted approximately 1 hour.*

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# An Overview of NCS Layers And Drawing Templates

## A Virtual Webinar Using AutoCAD and IntelliCAD – Learn to Standardize CAD Drawing Templates

This webinar provides a detailed walkthrough of the National CAD Standard (NCS) layer naming conventions and demonstrates how to implement them through drawing templates in AutoCAD, Civil 3D, and IntelliCAD. Attendees learn how to create, customize, and manage templates for consistent CAD standards across projects.

### Key Topics:

- Overview of the National CAD Standard (NCS)
- Layer naming conventions and discipline designators
- Creating and customizing drawing templates (DWT files)
- Using templates in AutoCAD, Civil 3D, and Carlson
- Managing sheet templates and layout tabs

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*This webinar was presented by Jennifer DiBona, That CAD Girl, on 08/12/2026.*

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# Conversion of Outside Drawings to Company Cad Standards

## A Virtual Webinar Using Carlson Software – Convert Outside Drawings to Standards

This webinar provides a detailed walkthrough of how to convert external CAD drawings into company-standard formats using Carlson Software. It covers fonts, line types, layer translation, Civil 3D object conversion, and best practices for maintaining consistent CAD standards across projects.

### Key Topics:

- Managing and correcting missing fonts and text styles
- Handling line types, LT scale, and custom line type creation
- Using layer translation tools and spreadsheets for CAD standardization
- Importing and cleaning Civil 3D drawings and Xrefs
- Troubleshooting slow saves, plotting issues, and font substitutions

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*This session was presented by Travis Maxwell on 01/18/2023.*