

CAD Tips & Tricks – for AutoCAD and IntelliCAD Recorded 08/19/2025

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

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

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

CAD and Carlson Tips & Tricks

Recorded 10/15/2025

This webinar from *That CAD Girl* demonstrates practical CAD and Carlson Software tips for entering deed boundaries, drawing lines and arcs, and managing survey data. 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.

CAD Tips and Tricks DIMStyles & Linetypes

Recorded 12/18/2025

This webinar explains how CAD users can effectively manage linetypes and dimension styles 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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C3D Surface from Points

Recorded 4/10/25

This webinar, hosted by That CAD Girl and presented by Liz Valerio of CAD Masters, demonstrates how to create a Civil 3D surface from imported survey points. The session covers importing point data, organizing point groups, defining surfaces

with breaklines and boundaries, and smoothing techniques for accurate terrain modeling.

Key Topics:

- Importing and managing survey points in Civil 3D
- Creating and refining a surface using point groups, breaklines, and boundaries
- Smoothing surfaces and contours for realistic terrain representation

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This session was presented by Elizabeth Valerio on 04/10/2025.

Basics of Surface Modeling in Carlson Software Recorded 7/3/2025

This webinar provides a detailed walkthrough of surface modeling fundamentals in Carlson Software, covering data inspection, triangulation, contour generation, and integration with external data sources. Attendees learn practical workflows for building accurate surfaces using points, breaklines, and field-to-finish automation.

Key Topics:

- Preparing and inspecting data for surface modeling
- Creating and refining TIN surfaces and contours

- Using breaklines and non-surface points
- Automating workflows with Field-to-Finish
- Integrating Google Earth and GIS imagery

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This session was presented by Jennifer DiBona on 7/3/2025.

An Overview of NCS Layers And Drawing Templates Recorded 08/12/2025

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 Carlson software. 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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An Overview of Enhanced Productivity with MicroSurvey CAD

Recorded 3/25/2025

This webinar introduces MicroSurvey CAD, a survey-focused CAD solution designed to streamline boundary and cadastral workflows. James Johnston demonstrates setup, configuration, and advanced COGO tools that improve efficiency and accuracy for surveyors transitioning from general CAD platforms.

Key Topics:

- Introduction to MicroSurvey and its product ecosystem
- Configuring MicroSurvey CAD for boundary and cadastral work
- Demonstration of COGO tools, labeling, and lot closure features
- Integration with Leica Captivate and Starnet
- Upcoming webinars and product roadmap

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Carlson Field to Finish Recorded 9/4/2025

This webinar provides a comprehensive walkthrough of Carlson Software's *Field to Finish* feature, explaining how to automate point processing, linework creation, and symbol management from field data to CAD drawings. Participants learn how to build and customize FLD files, manage layers, and apply special codes for efficient survey drafting workflows.

Key Topics:

- Overview of Carlson Field to Finish concepts
- Creating and editing FLD (field code) files
- Managing point layers, symbols, and linework
- Using special codes and description formatting
- Building legends and plotting best practices

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This session was presented by Jennifer DiBona, on 09/04/2025.

Survey Project from Start to

Finish

Recorded 1/19/2023

This webinar, *Survey Project from Start to Finish*, walks through the complete process of managing a survey project using Carlson Survey 2023 within IntelliCAD. It covers data setup, importing field points, deed entry, correlation, field-to-finish processing, and final deliverables including maps, legends, and exports.

Key Topics:

- Carlson Survey configuration and project setup
- Importing and managing point data (CRD files, point groups)
- Deed entry, correlation, and boundary adjustment
- Field-to-Finish automation for drawing and labeling
- Exporting to Google Earth and creating final deliverables

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This session was presented by Jennifer DiBona on 01/19/2023.

Conversion of Outside Drawings

to Company Cad Standards Recorded 1/18/2023

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.