

Introduction to Carlson Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn to Configure Settings and Points

This introductory Carlson Software webinar, hosted by That CAD Girl, walks new and returning users through essential setup and configuration steps for Carlson 2025 with IntelliCAD 12.1. The session covers interface customization, data folder organization, configuration management, and point handling to help users optimize their CAD environment.

Key Topics:

- Carlson Software 2025 interface and configuration
- Managing data folders, templates, and settings
- Working with points, CRD files, and drawing templates

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This session was presented by Jennifer DiBona on 01/15/2025.

That CAD Girl

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Elevating Polylines and Surface Modeling with Carlson Construction and Takeoff

A Virtual Webinar Using Carlson Software – Learn to Build Surface Models

This webinar demonstrates how to elevate 2D polylines into 3D polylines and perform surface modeling using Carlson

Construction and Takeoff. Jennifer DiBona walks through practical workflows for cleaning drawings, assigning elevations, building surfaces, and calculating volumes for construction and land development projects.

Key Topics:

- Elevating 2D polylines to 3D for surface modeling
- Using Carlson Civil, Construction, and Takeoff tools
- Drawing cleanup and contour elevation assignment
- Building and analyzing surfaces with SiteNet
- Calculating volumes, materials, and topsoil replacement

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This session was presented by Jennifer DiBona on 03/18/2025.

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.

Case Study for a Sanitary Sewer Collection System

A Virtual Webinar Using Carlson Software – Learn to Design Sanitary Sewer Collection Systems

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, provided a detailed case study on designing a sanitary sewer collection system using Carlson Software. The session

covered practical workflows, from project setup and Google Earth integration to sewer network creation, labeling, and profile generation.

Key Topics:

- Carlson Sewer Network setup and configuration
- Exporting CAD data to Google Earth
- Sewer design workflow and profile creation
- Managing plan view and profile labels
- Troubleshooting and best practices

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This session was presented by Travis Maxwell on 02/27/2025.

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.

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.

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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Civil 3D Surface from Points

A Virtual Webinar Using Civil 3D – Build Accurate Surface Models

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 by implementing Carlson surface modeling fundamentals. 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

A Virtual Webinar Using Carlson Software – Build Accurate Surface Models

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

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.