

Tips & Tricks in CAD and Carlson Software

Recorded 3/20/2024

A Virtual Webinar Using Carlson Software – Learn to Improve Drafting Workflows

This webinar, hosted by That CAD Girl, provided an in-depth look at practical tips and tricks for using CAD and Carlson Software effectively. Topics included line types, polylines, wipeouts, text masks, symbol libraries, and 3D polyline utilities for improved drafting and design workflows.

Key Topics:

- Creating and customizing line types in CAD and Carlson
- Using wipeouts and text masks for clean annotations
- Managing and importing symbol libraries
- Advanced polyline and 3D modeling techniques
- Offsetting and daylighting with 3D polylines

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

This session was presented by Jennifer DiBona on 03/20/2024.

That CAD Girl

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SurvNet Least Squares – Working with Project Datasets

A Virtual Webinar Using Carlson Software – Learn to Analyze Survey Networks

This webinar by That CAD Girl covers how to standardize CAD drawings using the National CAD Standard (NCS) within Carlson Software and AutoCAD. It explains best practices for managing layers, linetypes, and dimension styles to ensure consistency across civil and survey projects.

Key Topics:

- National CAD Standard (NCS) layer naming and structure
- Carlson template and layer library management
- Linetype scaling, polyline generation, and plotting behavior
- Dimension style creation and scaling for different drawing types

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This session was presented by Jennifer DiBona on 05/07/2024.

Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Software – Learn to Complete Survey Projects

This webinar by That CAD Girl covers how to standardize CAD drawings using the National CAD Standard (NCS) within Carlson Software and AutoCAD. It explains best practices for managing layers, linetypes, and dimension styles to ensure consistency across civil and survey projects.

Key Topics:

- National CAD Standard (NCS) layer naming and structure
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- Linetype scaling, polyline generation, and plotting behavior
- Dimension style creation and scaling for different drawing types

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This session was presented by Jennifer DiBona on 05/07/2024.

Standardizing Layers, Linetypes & Dimensions

A Virtual Webinar Using Carlson Software – Learn to Standardize CAD Drawings

This webinar by That CAD Girl covers how to standardize CAD drawings using the National CAD Standard (NCS) within Carlson Software and AutoCAD. It explains best practices for managing layers, linetypes, and dimension styles to ensure

consistency across civil and survey projects.

Key Topics:

- National CAD Standard (NCS) layer naming and structure
- Carlson template and layer library management
- Linetype scaling, polyline generation, and plotting behavior
- Dimension style creation and scaling for different drawing types

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This session was presented by Jennifer DiBona on 05/07/2024.

Paper Space, Title Blocks & Templates

A Virtual Webinar Using Carlson and AutoCAD – Learn to Streamline CAD Production

This webinar, hosted by That CAD Girl, provides a comprehensive walkthrough of using paper space, title blocks, and templates in Carlson and AutoCAD. It covers best practices for

layout setup, viewport management, scaling, plotting, and sheet set organization to streamline CAD production workflows.

Key Topics:

- Paper space vs. model space fundamentals
- Layout tab setup and page configuration
- Viewports, scaling, and locking techniques
- Managing layers, line types, and rotations
- Using Sheet Set Manager and drawing templates

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This session was presented by Jennifer DiBona on 04/09/2024.

Overview of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Automate Field Data Drafting

This webinar provides a comprehensive walkthrough of Carlson Software's *Field to Finish* feature, demonstrating how to automate point processing, symbol insertion, and linework generation from field data. Attendees learn how to configure

FLD files, manage layers, and apply coding standards to streamline survey drafting and surface modeling.

Key Topics:

- Field to Finish fundamentals and FLD file setup
- Layer management and symbol configuration
- Point labeling, attribute layers, and raw vs. full descriptions
- Special codes for linework (BEG, END, PC, PT, etc.)
- Handling default codes, sizes, and descriptive modifiers

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This session was presented by Jennifer DiBona on 02/14/2024.

Introduction to Carlson Software – Settings, Setup, Configuration & Points Recording 2/1/2024

A Virtual Webinar Using Carlson Software – Learn to Configure

Settings and Points

This introductory Carlson Software webinar, hosted by That CAD Girl, walks new users through key setup and configuration steps for Carlson Survey and Civil modules. It covers interface customization, project folder organization, configuration management, and working with points and templates for consistent CAD standards.

Key Topics:

- Carlson Software interface and configuration basics
- Project and data folder setup
- Managing builds, updates, and technical support
- Drawing templates and default settings
- Creating, importing, and editing points

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This session was presented by Jennifer DiBona on 02/01/2024.

Introduction to Carlson Software – Settings, Setup,

Configuration & Points

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

This webinar introduces new and returning users to Carlson Software 2025, covering interface navigation, configuration defaults, project folder organization, and drawing templates. Participants learn how to customize settings, manage data files, and create reusable templates for consistent CAD standards.

Key Topics:

- Carlson Software 2025 interface overview
- Configuring default settings and project folders
- Creating and managing drawing templates
- Importing and displaying survey points
- Understanding object linking and data management

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This session was presented by Jennifer DiBona on 09/03/2024.

Introduction to Carlson Software – Settings, Setup, Configuration & Points

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

This webinar introduces new and existing Carlson Software users to key setup and configuration concepts, including interface customization, data folder management, drawing templates, and point handling. Jennifer DiBona demonstrates how to optimize Carlson 2025 for efficient project organization and consistent CAD standards.

Key Topics:

- Carlson 2025 installation and interface overview
- Configuration of general, project, and drawing settings
- Creating and customizing drawing templates (DWT files)
- Managing points, coordinate files, and text styles

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This session was presented by Jennifer DiBona on 08/06/2024.

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 walks new and existing users through essential setup and configuration steps, including user interface customization, project folder structures, default settings, and point management. The session also covers creating templates, managing data files, and best practices for maintaining consistent CAD environments.

Key Topics:

- Carlson Software user interface and configuration
- Project and data folder organization
- Default drawing and survey settings
- Creating and customizing drawing templates
- Importing and managing survey points

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This session was presented by Jennifer DiBona on 06/04/2024.