

# Fast Track to CAD and Carlson Software – Session #2-2

## Recorded 3/30/2023

This training session continues the *Fast Track to CAD and Carlson* series, guiding new users through Carlson Software fundamentals. It focuses on managing text styles and scales, creating and customizing drawing templates, and understanding Carlson points and layer libraries.

### Key Topics:

- Carlson text sizing and scaling
- Template creation and National CAD Standard layers
- Carlson points, attributes, and layer management
- Using layer libraries for standardization

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

This session was presented by Jennifer DiBona on 03/30/2023.

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# Fast Track to CAD and Carlson Software – Session #2-1

# Recorded 3/30/2023

This training session, led by That CAD Girl, provides an in-depth introduction to getting started with Carlson Civil Suite 2023 within IntelliCAD. The session covers setup, configuration, data management, and best practices for using Carlson software effectively in CAD environments.

## Key Topics:

- Carlson Software setup and configuration
- Understanding CAD vs. Carlson environments
- Managing data, templates, and settings files
- Project folder structures and linking data
- Using Carlson Configure for default settings

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This session was presented by Jennifer DiBona on 03/30/2023.

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# Fast Track to CAD and Carlson Software – Session #1-3 Recorded 3/28/2023

This training session from *That CAD Girl's Fast Track to CAD and Carlson* series provides a detailed walkthrough of CAD layer management, entity properties, and drawing organization using AutoCAD and IntelliCAD. Participants learn how to create, modify, and manage layers, apply properties, use Carlson's enhanced layer t

ools, and work with blocks and external references.

### **Key Topics:**

- Understanding and managing CAD layers
- Layer properties: color, line type, and line weight
- Layer states: on/off, freeze/thaw, lock/unlock
- Carlson Layer Tools and IntelliCAD Explorer
- Blocks, symbols, and external references (Xrefs)

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This session was presented by Jennifer DiBona on 03/28/2023.

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# **Fast Track to CAD and Carlson Software – Session #1-2 Recorded 03/28/2023**

This training session from *That CAD Girl* provides an in-depth introduction to CAD drafting fundamentals using IntelliCAD and Carlson software. It covers drawing and editing commands, precision drafting tools, object snaps, selection methods, and text creation for survey and design workflows.

### **Key Topics:**

- Drawing and editing entities (lines, circles, arcs)
- Object snaps (Osnaps/Esnaps) and precision drafting
- Selection methods and modify commands
- Fillet, trim, extend, and grip editing

- Polylines, explode/join, and text creation (single-line and multi-line)

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This session was presented by Jennifer DiBona on 03/28/2023.

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# **Fast Track to CAD and Carlson Software – Session #1-1**

## **Recorded 3/28/2023**

This session introduces beginners to the fundamentals of CAD environments and how Carlson Software integrates with AutoCAD and IntelliCAD. Participants learn about user interfaces, workspaces, command-line operations, and key differences between CAD platforms.

### **Key Topics:**

- CAD platforms used with Carlson (AutoCAD, IntelliCAD, OEM)
- User interface customization and workspaces
- Command-line usage and shortcuts (aliases)
- Carlson vs. CAD defaults and configuration
- Drafting tools, coordinate systems, and mouse controls

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This session was presented by Jennifer DiBona on 03/28/2023.

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# How does Today's IntelliCAD handle ...?

## Recorded 4/13/2023

This webinar explores how modern IntelliCAD performs when running Carlson Software, comparing its current features to AutoCAD's and highlighting major improvements since earlier versions. It demonstrates annotative text, multi-leaders, dynamic block handling, X-ref editing, and the Sheet Set Manager to help CAD professionals streamline drafting workflows.

### Key Topics:

- Annotative text setup and scaling
- Multi-leaders and annotation tools
- Dynamic blocks and visibility parameters
- Block and X-reference editing in place
- Sheet Set Manager and title-block 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 04/13/2023.*

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# Tips & Tricks in CAD and Carlson Software

## Recorded 3/20/2024

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

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

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## The Ultimate Drawing Template

# Recorded 8/8/2024

This webinar, led by Travis Maxwell and hosted by That CAD Girl, provides a comprehensive walkthrough of creating, cleaning, and optimizing CAD drawing templates in Carlson Software. It covers best practices for fields, attributes, layers, fonts, and scaling to ensure consistency and efficiency across projects.

## Key Topics:

- Building and maintaining CAD drawing templates
- Using fields and block attributes for automation
- Managing fonts, layers, and line types
- Cleaning drawings with purge commands
- Implementing National CAD Standards

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*This session was presented by Travis Maxwell on 08/08/2024.*

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# Standardizing Layers, Linetypes & Dimensions

# Recorded 5/7/2024

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.*

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## Paper Space, Title Blocks & Templates

# Recorded 4/9/2024

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.