

# Standardizing CAD and Carlson Recorded 2/26/2020

This webinar by That CAD Girl provides a detailed walkthrough of how to standardize settings in Carlson Software and its underlying CAD platforms (AutoCAD or IntelliCAD). It covers configuration management, toolbar customization, quick keys, and best practices for creating consistent templates and workflows across teams.

## Key Topics:

- Understanding the relationship between CAD platforms and Carlson vertical programs
- Configuring default settings and toolbars
- Managing quick keys and command aliases
- Creating and sharing standard settings and templates
- Using configuration files (.CFG, .TRI, .DWT) for consistency

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

*This session was presented by Jennifer DiBona on 02/26/2020.*

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## Sheet Setup with Paper Space, DView and UCS Rotation

# A Virtual Webinar Using CAD – Learn to Set Up Sheets

This Carlson Software training webinar explains how to set up drawing sheets in Paper Space, create and manage viewports, control drawing scales, and use DView and UCS rotations for plan and profile sheet layouts. It provides a detailed, step-by-step walkthrough of best practices for plotting, scaling, and managing multiple layout tabs in Carlson Survey 2020 with IntelliCAD.

## Key Topics:

- Paper Space fundamentals and layout setup
- Creating and locking viewports
- Managing drawing scales and line-type scales (LT Scale / P SLT Scale)
- DView Twist and UCS Rotation for plan/profile alignment
- Layer visibility control per viewport
- Batch plotting and page setup management

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*This session was presented by Jennifer DiBona on 07/28/2020.*

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## IntelliCAD Overview – Where it

# **WAS. Where it IS. And Where it WILL BE.**

## **A Virtual Webinar Using IntelliCAD – Explore IntelliCAD Development**

This webinar, hosted by That CAD Girl, provides an in-depth overview of IntelliCAD's history, current capabilities, and future direction, featuring insights from the IntelliCAD Technology Consortium and Carlson Software. It explores how IntelliCAD serves as a cost-effective, DWG-compatible CAD platform supporting Carlson's land development software suite.

### **Key Topics:**

- IntelliCAD's origins and mission
- Comparison with AutoCAD and DWG compatibility
- Carlson Software's integration with IntelliCAD
- New features in IntelliCAD 10
- BIM, DGN, and material rendering capabilities

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This session was presented by Dave Lorenzo, Dave Carlson, and Leonid Enrov, and Jennifer DiBona on 08/13/2020.

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# Drawing Templates, Carlson Layer Library & Other Layer Management Tips

## A Virtual Webinar Using Carlson Software – Learn to Manage Drawing Layers

This webinar explains how to create, customize, and manage drawing template files (DWT) and layers in Carlson Software and AutoCAD/IntelliCAD. It covers best practices for setting up company standards, using the Layer Library, and improving drawing efficiency through template customization.

### Key Topics:

- Creating and customizing DWT template files
- Understanding Carlson and NCS layer standards
- Using Layer Library for layer management and 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 07/27/2018.

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# Autodesk Licensing Changes – Plan for the Future

## A Virtual Webinar Using Autodesk – Understand Licensing Changes

This webinar explained Autodesk's 2020–2021 licensing transitions, including the end of maintenance plans and multi-user (network) licenses, and the move to named-user subscriptions. Dwayne Tindel from CAD Masters outlined key dates, trade-in offers, pricing, and practical advice for firms managing perpetual or network Autodesk software.

### Key Topics:

- Transition from maintenance and network licenses to named-user subscriptions
- Trade-in programs and pricing promotions
- Impacts on perpetual licenses and activation codes
- Options for AutoCAD, Civil 3D, and AEC Collections
- Important Autodesk deadlines (2020–2021)

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

*This session was presented by Dwayne Tindall and Mike Self, on 07/22/2020.*

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# **2020 Virtual Workshop 3-6 Hot New Features in Carlson 2021 Recorded 12/17/2020.**

This virtual workshop session showcased new and enhanced features in Carlson 2021 software, focusing on Survey, Civil, and CADNet modules. Presenter Scott Griffin demonstrated dynamic point attributes, BIM/Revit file integration, road network improvements, and advanced parking design tools for surveyors and engineers.

## **Key Topics:**

- Dynamic Point Attributes in Survey module
- BIM/Revit file import and manipulation in CADNet
- Road Network enhancements including hammerhead cul-de-sacs
- New Parking Network and design tools
- Handicap and layout customization features

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This session was presented by Scott Griffin on 12/17/2020.

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# **2020 Virtual Workshop 3-8 Utility Network Design in**

# Carlson Hydrology Recorded 12/17/2020.

This virtual Carlson Software workshop, led by Mark Long, provided an in-depth demonstration of detention pond design, hydrology analysis, and utility network creation within Carlson Civil and Hydrology. The session covered practical workflows, design parameters, and troubleshooting tips for stormwater management and utility modeling.

## Key Topics:

- Detention pond design and hydrology setup
- Rainfall data integration and hydrograph generation
- Outlet structure configuration (riser, orifice, weir)
- Utility network creation and pipe crossing management
- Troubleshooting and Q&A with developers

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This session was presented by Mark Long on 12/17/2020.

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## Tips & Tricks to Recover Corrupt Drawings

# A Virtual Webinar Using AutoCAD, IntelliCAD and Carlson Software – Learn to Recover Corrupt Drawings

This webinar by That CAD Girl provides practical guidance on recovering and repairing corrupt DWG files using AutoCAD, IntelliCAD, and Carlson Software tools. It covers essential commands, troubleshooting workflows, and Autodesk utilities to restore damaged drawings efficiently.

## Key Topics:

- Using PURGE, AUDIT, and WBLOCK commands to clean drawings
- Recovering inaccessible DWG files with RECOVER and RECOVER ALL
- Leveraging DWG TrueView and DWG Convert for file repair and version conversion
- Handling Civil 3D files and registered applications
- Managing layouts and Xrefs during recovery

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

*This session was presented by Jennifer DiBona on 02/09/2021.*

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# 2020 Virtual Workshops Session 3-7 Sanitary Sewer Design in Carlson Hydrology Recorded 12/17/2020.

This Carlson Software virtual workshop, led by hydrology expert Mark Long, provides an in-depth walkthrough of storm and sanitary sewer design using Carlson Hydrology tools. The session covers watershed setup, pipe network creation, stormwater management, and integration with CAD surfaces for accurate drainage modeling.

## Key Topics:

- Setting up watershed layers and runoff coefficients
- Designing storm sewer networks and detention ponds
- Creating and editing sanitary sewer systems
- Using Carlson Hydrology's network, drainage, and profile tools
- Managing surfaces, rainfall data, and hydraulic grade lines

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This session was presented by Mark Long on 12/17/2020.

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# **2020 Virtual Workshops Session 3-5 Tips & Tricks in CAD & Carlson Software Recorded 12/17/2020.**

This virtual workshop, led by That CAD Girl, covers practical CAD and Carlson Software tips and tricks for surveyors, engineers, and CAD technicians. The session demonstrates workflows for merging raster images, using Field to Finish, managing polylines, cleaning drawings, and creating reusable title block templates.

## **Key Topics:**

- CADNet raster merging and image handling
- Field to Finish setup and automation
- Polyline editing and boundary creation
- Drawing cleanup and block management
- Title block templates and layout management
- Converting spot elevations to Carlson points
- Line type customization and text rotation

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This session was presented by Jennifer DiBona on 12/17/2020.