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

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

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.

Fast Track to CAD, MicroSurvey & Carlson:
Session #3-3 Getting Started in Carlson

A Virtual Classroom Using Carlson Software – Learn Deed Entry and Field-to-Finish Basics

Learn how to streamline your surveying workflow with Carlson Survey’s deed entry, correlation and field-to-finish tools. This session covers practical CAD automation techniques for accurate boundary creation, point management and efficient drafting.

Key Topics:

- Entering and processing deed descriptions, closure errors and PDD files
- Translating and correlating deed points with field data
- Creating Field-to-Finish (FLD) files with point groups, la yers and attributes
- Using 3D Drawing Viewer and Layer Inspector for QA
- Snapping and drawing tangent and non-tangent curves
- Generating legends and using full-name descriptions

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This session was presented by Jennifer DiBona on 09/18/2025.

Fast Track to CAD, MicroSurvey & Carlson:
Session #3-2 Getting Started in Carlson

A Virtual Classroom Using Carlson Software – Learn Points, Templates and Coordinate Setup

Learn how to create and customize Carlson drawing templates, manage coordinate and point files and streamline your CAD workflow. This session covers practical steps for building standards, importing survey data and preparing for field-to-finish automation.

Key Topics:

- Carlson DWT template creation and customization
- Layer, line type and text style management with IntelliCAD Explorer
- Importing and editing CRD (coordinate) and point files
- Point groups and description-based organization
- Coordinate systems and real-world datum setup

- Field-to-Finish introduction and automation overview

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This session was presented by Jennifer DiBona on 09/18/2025.

Fast Track to CAD, MicroSurvey & Carlson: Session #3-1 Getting Started in Carlson

A Virtual Classroom Using Carlson Software – Learn Setup, Templates and Configuration Basics

Learn how to set up and customize Carlson Software with this in-depth training session led by That CAD Girl. Discover best practices for configuring projects, managing data files and optimizing your CAD environment for surveying and civil design.

Key Topics Covered:

- Carlson Software installation, updates and version builds
- IntelliCAD vs. AutoCAD interface with toolbars, ribbons and menus
- Start Page, templates and default drawing settings

- Carlson modules: Survey, Civil, Hydrology, GIS and more
- Object linking and external data file management (CRD, CL, TIN)
- Project folders, Dropbox collaboration and shared configuration files

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This session was presented by Jennifer DiBona on 09/18/2025.

CAD Tips & Tricks – for AutoCAD and IntelliCAD

A Virtual Webinar Using CAD – Learn to 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 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

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

Fast Track to CAD, MicroSurvey & Carlson:
Session #2-3 Fast Track to MicroSurvey

A Virtual Classroom Using MicroSurvey CAD – Learn Digital Terrain Model Workflows

This MicroSurvey CAD training session covers advanced workflows for survey and civil design professionals, focusing on point management, CAD settings, DTM surface creation, contour generation and volumetric analysis. The session also includes troubleshooting tips, boundary setup and an introduction to automated site design tools.

Key Topics:

- CAD settings and PD Mode troubleshooting

- Point Cluster Reports and Point Patterns
- DTM surface creation and editing
- Contour generation, labeling and smoothing
- Volumetric (cut/fill) calculations
- Auto Site Design and building pad modeling

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This session was presented by James Johnston on 09/17/2025.

Fast Track to CAD, MicroSurvey & Carlson:
Session #2-2 Fast Track to MicroSurvey

A Virtual Classroom Using MicroSurvey CAD – Learn Construction Point and Stakeout Workflows

This FastTrack MicroSurvey training session, led by James Johnston, provided a detailed walkthrough of construction workflows in MicroSurvey CAD. Participants learned how to clean up architectural drawings, generate staking points, manage grid lines and export data efficiently for field use.

Key Topics:

- Drawing cleanup and rescaling workflows
- House placement and lot definition tools
- Grid line and point population automation
- Point pattern, cluster and QA tools
- Exporting data for field staking and reporting

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This session was presented by James Johnston on 09/17/2025.

CAD and Carlson Tips & Tricks

A Virtual Webinar Using Carlson Software – Learn to 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

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

This session was presented by Jennifer DiBona on 10/15/2025.

Fast Track to CAD, MicroSurvey & Carlson:
Session #2-1 Fast Track to MicroSurvey

A Virtual Classroom Using MicroSurvey CAD – Learn Survey Project Setup and Point Workflows

This virtual classroom session introduces MicroSurvey CAD’s field-to-finish workflows, focusing on AutoMap configuration, point and linework customization and data import from FieldGenius and Leica Captivate. Instructor James Johnston demonstrates practical setup, symbol scaling, substitution codes and project management features for survey and construction

professionals.

Key Topicss:

- AutoMap field-to-finish setup and customization
- Importing and managing survey data (FieldGenius, Captivate, ASCII)
- Symbol scaling, substitution codes and linework generation
- Project management, coordinate editor and survey groups
- Overview of MicroSurvey product family and online learning resources

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This session was presented by James Johnston on 09/17/2025.