

# MicroSurvey STARNET Least Squares Analysis

## Recorded 4/15/2025

This webinar, hosted by That CAD Girl and presented by MicroSurvey's James Johnston, provides a comprehensive walkthrough of STAR\*NET – a leading least squares adjustment software for survey data. The session covers data import, adjustment workflows, error detection, and integration of GPS and conventional survey data for accurate network analysis.

### Key Topics:

- Overview of MicroSurvey's product suite
- Introduction to STAR\*NET least squares adjustment
- Data import and conversion workflows
- Error detection, residual analysis, and Chi-square testing
- Integration of GPS and conventional survey data
- Output options and reporting tools

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

*This session was presented by James Johnston on 04/15/2025.*

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# Construction Workflows Drawing Cleanup and Point Population Tools

## Recorded 6/19/2025

This webinar, hosted by That CAD Girl and presented by MicroSurvey Software's James Johnston, explored efficient construction workflows using MicroSurvey CAD tools. The session demonstrated drawing cleanup, point population, and export techniques to streamline field layout and stakeout processes.

### Key Topics:

- Drawing cleanup and rescale wizards
- Point population and management tools
- Exporting CAD and point data for field stakeout

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

*This session was presented by James Johnston on 06/19/2025.*

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# Making Models from a Mess – Using Carlson Cleanup and Elevate Tools Recorded 1/28/2025

This webinar teaches Carlson Civil users how to transform messy, imported CAD drawings into clean, usable models for staking and surface creation. It covers practical workflows using Carlson's Drawing Cleanup and Elevate Tools to fix geometry, layers, and elevations for accurate 3D modeling.

## Key Topics:

- Cleaning and organizing messy DWG files
- Using Carlson Drawing Cleanup effectively
- Elevating 2D polylines to 3D for surface models
- Managing layers, blocks, and spot elevations
- Avoiding common pitfalls and data corruption

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

*This session was presented by Jennifer DiBona on 01/28/2025.*

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# Intro to Carlson – Settings, Setup, Configuration and Points

## Recorded 6/3/2025

This webinar introduces users to Carlson Software's settings, configuration tools, and point management workflows. It covers interface setup, project folder organization, drawing templates, and best practices for maintaining consistent configurations across projects.

### Key Topics:

- Carlson user interface setup and customization
- Carlson Configure and default settings management
- Project folder structures and data organization
- Drawing templates and National CAD Standards
- Point import, display, and text style configuration

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

*This session was presented by Jennifer DiBona on 06/03/2025.*

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# Intro to Carlson – Settings, Setup, Configuration & Points Recorded 3/11/2025

This webinar introduces users to Carlson Software's settings, configuration tools, and point management workflows. It covers interface setup, project folder organization, drawing templates, and best practices for maintaining consistent configurations across projects.

## Key Topics:

- Carlson user interface setup and customization
- Carlson Configure and default settings management
- Project folder structures and data organization
- Drawing templates and National CAD Standards
- Point import, display, and text style configuration

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

*This session was presented by Jennifer DiBona on 03/11/2025.*

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# Intro to Carlson- Settings Setup Configuration and Points Recorded 2/4/2025

This introductory Carlson Software webinar guided new users through essential setup, configuration, and point management workflows in Carlson 2025 with IntelliCAD 12.1. The session covered interface navigation, default settings, data folder organization, configuration backups, and template creation for efficient CAD project management.

## Key Topics:

- Carlson 2025 interface overview and configuration
- Managing settings, data folders, and project organization
- Creating and customizing drawing templates
- Importing and displaying points from coordinate files
- Understanding builds, patches, and support resources

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

*This session was presented by Jennifer DiBona on 02/04/2025.*

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# Introduction to Carlson Software – Settings Setup Configuration & Points

## Recorded 1/15/2025

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.*

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# Elevating Polylines and Surface Modeling with Carlson Construction and Takeoff

## Recorded 3/18/2025

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

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

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

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# Customizing Title Blocks and Sheet Set Manager in CAD

## Recorded 10/28/2025

This webinar teaches CAD professionals how to create and customize title blocks, manage attributes, and automate project data using Sheet Set Manager in AutoCAD, Carlson, 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.*

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## Case Study for a Sanitary

# Sewer Collection System

## Recorded 2/27/2025

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 Jennifer DiBona on 02/27/2025.*