

An Overview of NCS Layers And Drawing Templates

Recorded 08/12/2025

This webinar provides a detailed walkthrough of the National CAD Standard (NCS) layer naming conventions and demonstrates how to implement them through drawing templates in AutoCAD, Civil 3D, and Carlson software. Attendees learn how to create, customize, and manage templates for consistent CAD standards across projects.

Key Topics:

- Overview of the National CAD Standard (NCS)
- Layer naming conventions and discipline designators
- Creating and customizing drawing templates (DWT files)
- Using templates in AutoCAD, Civil 3D, and Carlson
- Managing sheet templates and layout tabs

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

An Overview of Enhanced Productivity with MicroSurvey CAD

Recorded 3/25/2025

This webinar introduces MicroSurvey CAD, a survey-focused CAD solution designed to streamline boundary and cadastral workflows. James Johnston demonstrates setup, configuration, and advanced COGO tools that improve efficiency and accuracy for surveyors transitioning from general CAD platforms.

Key Topics:

- Introduction to MicroSurvey and its product ecosystem
- Configuring MicroSurvey CAD for boundary and cadastral work
- Demonstration of COGO tools, labeling, and lot closure features
- Integration with Leica Captivate and Starnet
- Upcoming webinars and product roadmap

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Carlson Field to Finish Recorded 9/4/2025

This webinar provides a comprehensive walkthrough of Carlson Software's *Field to Finish* feature, explaining how to automate point processing, linework creation, and symbol management from field data to CAD drawings. Participants learn how to build and customize FLD files, manage layers, and apply special codes for efficient survey drafting workflows.

Key Topics:

- Overview of Carlson Field to Finish concepts
- Creating and editing FLD (field code) files
- Managing point layers, symbols, and linework
- Using special codes and description formatting
- Building legends and plotting best practices

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This session was presented by Jennifer DiBona, on 09/04/2025.

Conversion of Outside Drawings to Company Cad Standards Recorded 1/18/2023

This webinar provides a detailed walkthrough of how to convert external CAD drawings into company-standard formats using Carlson Software. It covers fonts, line types, layer translation, Civil 3D object conversion, and best practices for maintaining consistent CAD standards across projects.

Key Topics:

- Managing and correcting missing fonts and text styles
- Handling line types, LT scale, and custom line type creation
- Using layer translation tools and spreadsheets for CAD standardization
- Importing and cleaning Civil 3D drawings and Xrefs
- Troubleshooting slow saves, plotting issues, and font substitutions

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This session was presented by Travis Maxwell on 01/18/2023.