An Overview of NCS Layers And Drawing Templates

A Virtual Webinar Using AutoCAD and IntelliCAD – Learn to Standardize CAD Drawing Templates

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 IntelliCAD. 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.

This session was presented by Jennifer DiBona on 08/12/2025.

An Overview of Enhanced Productivity with MicroSurvey CAD

A Virtual Webinar Using MicroSurvey CAD – Learn to Improve Boundary and Cadastral Workflows

This webinar introduces MicroSurvey CAD Field to Finish, a survey-focused drafting 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
- Overview of COGO tools, labeling and lot closure features
- Smart labels that update when geometry changes
- Closing lots and producing boundary deliverables

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

This session was presented by James Johnston on 03/25/2025.

Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Automate Survey Drafting

This webinar provided an in-depth overview of Carlson Software's Field to Finish feature, explaining how to automate the process of converting field survey data into CAD drawings. Jennifer demonstrated how to create and configure FLD (field code) files, associate them with CRD (coordinate) files and produce finished linework.

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.

Survey Project from Start to Finish

A Virtual Webinar Using Carlson Survey – Learn to Run a Survey Project from Start to Finish

This webinar walks through the complete process of managing a survey project using Carlson Survey 2023 within IntelliCAD. It covers data setup, importing field points, deed entry, correlation, Field to Finish and preparing final survey deliverables.

Key Topics:

- Carlson Survey configuration and project setup
- Importing and managing point data (CRD files, point groups)
- Deed entry, correlation and boundary adjustment
- Field-to-Finish automation for drawing and labeling
- Exporting to Google Earth and creating final deliverables

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This session was presented by Jennifer DiBona on 01/19/2023.

Conversion of Outside Drawings to Company Cad Standards

A Virtual Webinar Using CAD – Learn to Convert Outside Drawings to Company Standards

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.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

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.