

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

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This webinar was presented by Jennifer DiBona, That CAD Girl, on 08/12/2026.

That CAD Girl

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Conversion of Outside Drawings to Company Cad Standards

A Virtual Webinar Using Carlson Software – Convert Outside Drawings to 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.

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.