# Standardizing Linetypes & Dimension Styles in CAD

## A Virtual Webinar Using CAD – Learn to Standardize Linetypes and Dimension Styles

This webinar provides practical instruction on how to standardize linetypes and dimension styles in AutoCAD and Carlson Software. It explains key system variables, scaling concepts and template settings that ensure consistency across CAD drawings.

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:**

- Linetype definitions, scaling and display behavior
- System variables: LTScale, PSLTScale and PLINEGEN
- Creating and managing standardized dimension styles
- Setting up templates and applying scale-specific dimensioning
- Carlson-specific settings and tools

*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 05/18/2017.*

# Plan & Profile Sheet Production with Carlson Software

## A Virtual Webinar Using Carlson Software – Learn to Create Plan and Profile Sheets

This webinar demonstrates how to create, style and manage plan and profile sheets in Carlson Software, including configuration of centerlines, profiles, grids, labels and title blocks. It provides step-by-step instruction for transitioning from Land Desktop workflows to Carlson's modern layout and paper space tools.

**Key Topics:**

- Configuring and editing Centerline (.CL) and Profile (.PRO) files
- Drawing profiles and customizing grid, layers and labels
- Saving and re-using profile settings
- Generating plan-and-profile sheets and layouts
- Customizing title blocks and adding attribute fields

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*This session was presented by Jennifer DiBona on 02/22/2017.*

# Overview of Paper Space

## A Virtual Webinar Using CAD – Learn to Set Up Paper Space Viewports and Layouts

This webinar offers a detailed introduction to Paper Space in CAD and how it differs from Model Space. It covers creating, scaling and managing viewports, layout tabs and plotting techniques using IntelliCAD and Carlson Software.

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:**

- Understanding Model Space vs. Paper Space
- Creating and configuring viewports (MVIEW, VPCLIP)
- Scale control, locking and layer management per viewport
- Layout tabs and title block setup
- Troubleshooting common Paper Space issues

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*This session was presented by Jennifer DiBona on 07/07/2017.*

# Overview of Cut Sheets in Carlson

## A Virtual Webinar Using Carlson Survey – Learn Carlson Survey Cut Sheets for Layout Reports

This webinar explains how to create and use cut sheets within Carlson Survey 2017 for both vertical and horizontal construction layout verification. Jeremy Taylor demonstrates practical examples—such as grading walls and anchor bolt layouts—showing attendees how to import, compare, label and report survey and design point data.

**Key Topics:**

- Generating vertical and horizontal cut sheets in Carlson Survey 2017
- Comparing surveyed vs. design points to compute cut/fill and positional error
- Formatting reports and labeling drawings for contractors
- Managing coordinate files and using SurvCE raw data

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

*This session was presented by Jeremy Taylor on 03/07/2017.*

# Overview of Carlson CADnet

## A Virtual Webinar Using Carlson CADnet – Learn to Convert PDFs and Images to Linework

This webinar provides an in-depth overview of Carlson CADNet, focusing on importing and converting PDF and image data into CAD, digitizing site information, merging raster files and converting raster to vector data. Attendees learn how to prepare takeoff models and surfaces using Carlson’s digitizing and vectorization features.

**Key Topics:**

- Importing and scaling raster PDFs and images
- Digitizing and “heads-up” tracing for takeoff modeling
- Merging raster images across match lines
- Converting raster to vector linework and text
- Managing layers, surfaces and spot elevations

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*This session was presented by Jennifer DiBona on 07/17/2017.*

# Overview of Carlson Takeoff

## A Virtual Webinar Using Carlson Takeoff – Learn to Calculate Cut, Fill and Subgrade Quantities

This webinar provides a detailed walkthrough of Carlson Takeoff, covering its core functions in cut/fill estimation, subgrade modeling, trench calculations, geotechnical data integration and handling of CAD/PDF drawings. Todd Carlson demonstrates real-world workflows for contractors and estimators, from data preparation to volume reports and 3D visualization.

**Key Topics:**

- Introduction to Carlson Takeoff Suite and modules
- Setting up boundaries, layers and surfaces
- Cut/fill and subgrade calculations
- Integrating borehole and strata data
- Working with CAD and PDF plans
- Trench design, cost and quantity reporting

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*This session was presented by Todd Carlson on 10/02/2017.*

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# Introduction to Carlson Software – Settings, Setup, Configuration & Points

## A Virtual Webinar Using Carlson Software – Learn to Configure Settings, Templates and Annotation Scales

This introductory Carlson Software webinar guides users through installation-level configurations, data folder organization and point management fundamentals. It emphasizes best practices for optimizing Carlson setup, working with templates and maintaining consistent drawing standards.

**Key Topics:**

- Carlson Configure and system-wide settings
- Project and data folder structures (Drawing vs. Project folder methods)
- Drawing templates and National CAD Standards
- Annotation and scale management
- Point files, drawing setup and customization

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*This session was presented by Jennifer DiBona on 05/08/2017.*

# Introduction to Carlson Software – Settings, Setup, Configuration & Points

## A Virtual Webinar Using Carlson Software – Learn to Configure Settings, Templates and Points

This webinar, hosted by That CAD Girl, introduces new users to Carlson Software through an in-depth overview of installation settings, default configurations, data management and point handling. It covers practical setup guidance, project organization strategies and key differences between Land Desktop, Civil 3D and Carlson's 3D CAD environment.

**Key Topics:**

- Software setup and version/build management
- Free support and updating Carlson builds
- Configuring system defaults, templates and project folders
- Drawing setup, annotation scales and point formatting
- Managing points databases (CRD files) and linking external data

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*This session was presented by Jennifer DiBona on 01/04/2017.*

# Introduction to Carlson Software – Settings, Setup, Configuration & Points

## A Virtual Webinar Using Carlson Software – Learn to Configure Settings, Project Folders and Points

A comprehensive introductory webinar to Carlson Software, covering initial setup, configuration, project data organization, drawing setup and efficient management of points and templates. Jennifer demonstrates practical workflows for new users to optimize their CAD and surveying productivity in Carlson.

**Key Topics:**

- Carlson Software configuration and setup basics
- Managing project and drawing folders
- Default templates, drawing setup and point display
- Working with points, layers and annotations
- Efficient CAD settings and drawing control

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*This session was presented by Jennifer DiBona on 08/02/2017.*

# Introduction to Carlson Software – Settings, Setup, Configuration & Points

## A Virtual Webinar Using Carlson Software – Learn to Install, Configure and Set Up Projects

This session introduces new users to Carlson Software's core setup, configuration and CAD integration features. It demonstrates how to manage settings, project folders, points, drawing templates and key commands to streamline survey and civil design work in Carlson.

**Key Topics:**

- Carlson installation and configuration basics
- Managing builds, maintenance and technical support
- Project and drawing folder organization options
- Drawing setup, templates and default settings
- Points creation, display control and annotation scaling

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*This session was presented by Jennifer DiBona on 04/03/2017.*