

# Drawing Cleanup for Model Building and Construction Staking

## A Virtual Webinar Using Carlson Software – Learn to Prepare CAD Files

This webinar, hosted by That CAD Girl and presented by Walt Liles of Terrain Technology, provides an in-depth walkthrough of Carlson Software's Drawing Cleanup tools for preparing CAD files for construction staking and machine control modeling. The session covers best practices for reducing file size, cleaning DWGs, converting entities, and managing layers to optimize performance in field applications.

### Key Topics:

- Carlson Drawing Cleanup workflow and settings
- File size optimization for GPS and machine control
- Layer management and XREF handling
- Converting Civil 3D and LDD entities into Carlson formats
- Creating and exporting points for layout and staking

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

*This session was presented by Walt Liles on 11/06/2020.*

---

# Project Case Study-Using Carlson Takeoff For Quantities and Surface Modeling

## A Virtual Webinar Using Carlson Software – Learn to Calculate Quantities

This webinar features Ashton Carey of Terrain Technology demonstrating how to use Carlson Takeoff for quantity calculations and surface modeling in a real-world project. The session covers drawing cleanup, layer management, surface creation, and exporting data for machine control applications.

### Key Topics:

- Carlson Takeoff workflow for grading and quantity estimation
- Drawing cleanup and layer management in AutoCAD/IntelliCAD
- Creating and verifying existing and proposed surfaces
- Topsoil removal and subgrade adjustments
- Exporting data for machine control (Topcon, Leica)

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

*This session was presented by Ashton Cary on 05/26/2021.*

---

# **Drawing Cleanup for Model Building and Construction Staking**

## **A Virtual Webinar Using Carlson Software – Learn to Fix Bad Elevations**

This webinar, hosted by That CAD Girl and presented by Walt Liles of Terrain Technology, provides a detailed walkthrough of Carlson Software's drawing cleanup tools for preparing CAD files used in model building and construction staking. The session covers file optimization, layer management, polyline conversion, and best practices for ensuring clean, efficient data transfer to field devices.

### **Key Topics:**

- Carlson Software drawing cleanup process
- File optimization and size reduction
- Converting and managing polylines, layers, and entities
- Preparing DWG files for machine control and staking
- Handling Civil 3D and architectural files

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

*This session was presented by Walt Liles on 03/24/2021.*

---

# **Creating & Using Points for Construction Staking**

## **A Virtual Webinar Using Carlson Software – Learn to Create Points for Staking**

This webinar, hosted by That CAD Girl and presented by Walt Wiles of Terrain Technology, demonstrates how to create and use Carlson Software points for construction staking. It covers CRD files, point numbering systems, layer management, exporting/importing points, and practical field applications for survey and construction workflows.

### **Key Topics:**

- Creating and managing Carlson CRD files
- Point numbering, descriptions, and layers
- Using points for storm, sewer, water, and layout staking
- Exporting/importing points between Carlson and Topcon
- Offsets, intervals, and field data workflows

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

*This session was presented by Walt Liles on 04/21/2021.*