

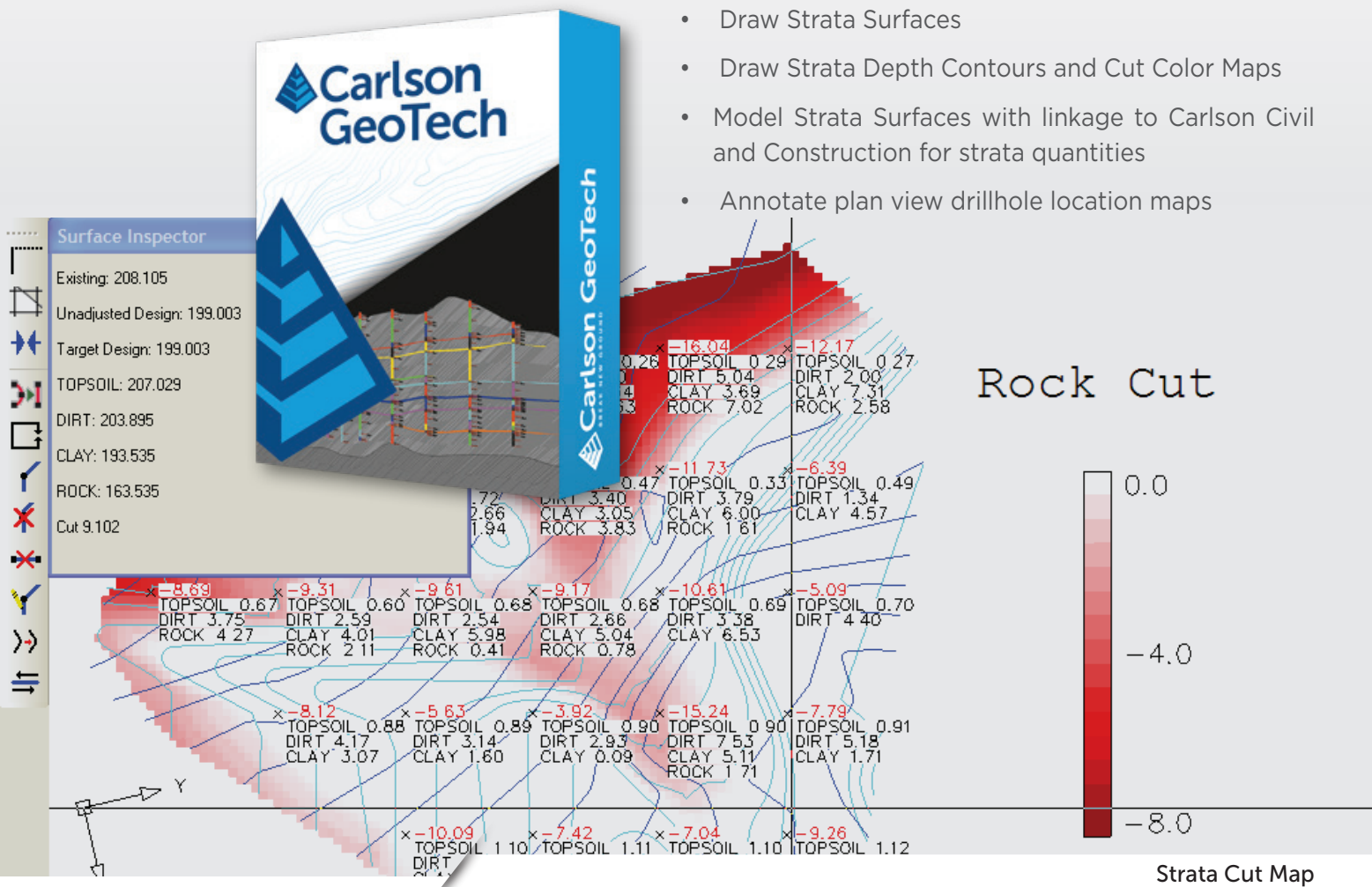
Know your Strata Cut

Designed for geotechnicians, civil engineers, and construction professionals, Carlson Geo-Tech provides the ability to import borehole data for analyzing subsurface conditions and materials. It models all core samples, producing a detailed, easy-to-read report for drill logs, cross sections, and plan view.

This information is fully integrated with Carlson Civil, for determining site stability and suitability, and also Carlson Construction, for accurate strata takeoff estimation.

Key Capabilities

- Input and edit drillhole log data with strata elevation, depth and attribute data
- Generate drillhole log reports
- Label drillholes
- Draw Geologic Columns
- Draw Fence Diagrams
- Draw Isopach Maps for strata thickness, elevation or attributes
- Draw Strata Surfaces
- Draw Strata Depth Contours and Cut Color Maps
- Model Strata Surfaces with linkage to Carlson Civil and Construction for strata quantities
- Annotate plan view drillhole location maps



Top New Features

General

Built on AutoCAD® and IntelliCAD®

- Carlson GeoTech will run in AutoCAD as well as AutoCAD Map, Land Desktop and Civil3D, and also on IntelliCAD

Allows users to do the following:

- Input and edit drillhole log data with strata elevation, depth and attribute data-Input and edit drillhole log data with strata elevation, depth and attribute data

Drawing Cleanup

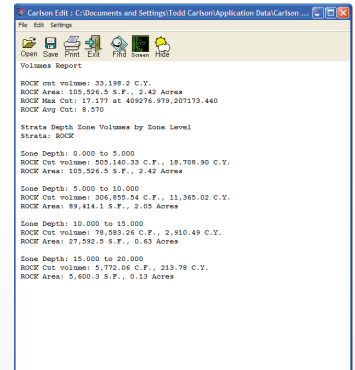
- Fix common drafting errors

Drafting Enhancements

- Handy tools for working in AutoCAD® such as Join Nearest, Shrinkwrap Entities, Polyline Utilities, Drawing Inspector, Layer Inspector and Twist Screen

Data Compatibility

Supports industry standard LandXML and scores of specific data conversions



Strata Volumes by Interval

Surfaces

Build Surfaces

- By triangulation or rectangular grids

Contouring

- One step triangulate and contour from 3D entities as well as contouring from surface files

Surface Manager

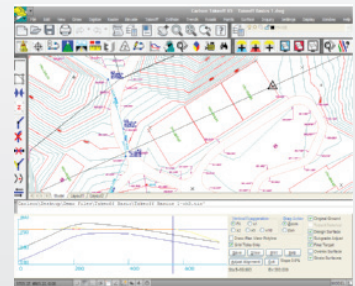
- Change surface display properties and adjust surface functions to add and remove points and breaklines and swap edges

Volumes

- Earthwork volumes between triangulation or grid surfaces

Pad Design

- Tie cut/fill slopes from pad perimeter to surface, build pad surface, calculate and balance volumes, and edit pad parameters



Surface Profiles



Carlson CADnet is new as a separate module, but it is the product of 10 years of development within Carlson Takeoff, Carlson's versatile site estimating and data prep software.

Carlson CADnet joins with Carlson GeoTech and Carlson Trench to provide customers the flexibility to obtain just the software they need at an affordable price. Pair these three modules with Carlson Construction to form the all new Carlson Takeoff Suite,* which replaces the non-OEM version of Takeoff.

* Note: Carlson Takeoff with built-in AutoCAD remains the same.

