
Creating an existing ground surface:

Introduction to surfaces

Surfaces are used in Civil 3D to represent the original, existing ground, and when designing ground forms such as ponds, building pads, car parks, and road surfaces. Learn how surfaces are used for construction planning.

Learning Objectives:

- Understand surfaces and how they are used in Civil 3D.
- Understand breaklines and their importance.
- Differentiate between a triangulation surface and a grid surface.
- Understand surface styles and how they are used to analyze surfaces.
- Recognize how adding labels and tables are used effectively for construction planning.
- Understand volume surfaces and they are used to calculate earthworks cut and fill.