



Value Description

Novapoint Terrain

 CONNECTED CONSTRUCTION

Designing the outdoor grounds with Novapoint

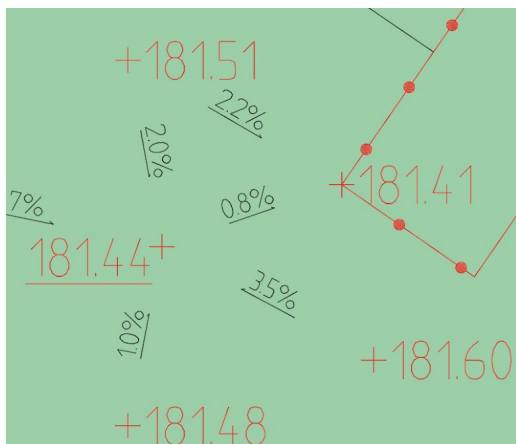
Novapoint Terrain helps landscape architects, landscape engineers and civil designers who want to design the ground surface. It provides tools tailor made to fit the tricky tasks of calculating ground surface elevations, managing the slopes with cut and fill areas of the ground construction, and delivery of the design in both 2D and 3D.

Key features of the Novapoint Terrain module

- Elevation Tools
- Slope Surfaces

Elevation Tools - dynamic spot levels with real time updated slopes

In every civil design project there is a need to handle the ground surface. It has to be prepared in detail in order to get the surface water taken care of as well as fitting the outdoor floor into the surrounding cityscape. The unique Elevation Tools will help you design any outdoor surface quickly as it provides easy to use “drag and drop” spot level functionality in 3D. As the correct elevations of the ground are implemented, slopes and additional spot levels are dynamically calculated, resulting in a gradually emerging design with full control.



Slope surfaces

Not only do you need to take care of the hard surfaces in the designs, you also need to control the organic shapes with constructed slopes connecting roads, buildings and other facilities to the existing ground surface. The Slope Surface Tool automatically generates these surfaces from a set of relevant parameters managing the shape of the facility and how it shall connect to the existing terrain.