

Spot elevations and slope labels can be placed on a surface. This guide covers the three types of spot labels that are available and how they are placed in a drawing.

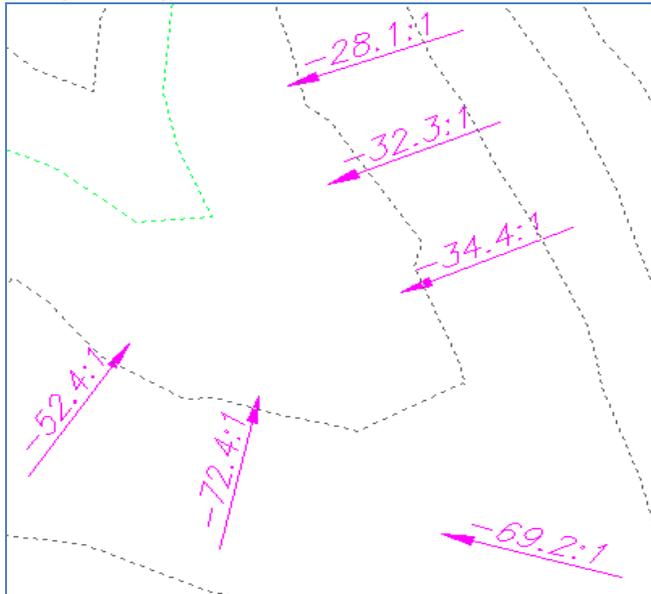
To access the commands for adding spot labels to a surface, select the surface object in the drawing. A contextual ribbon for that surface will appear. The commands for spot labels are located on the *Add Labels* drop down menu on the *Labels & Tables* panel. Each of the spot label commands are covered below.

Slope

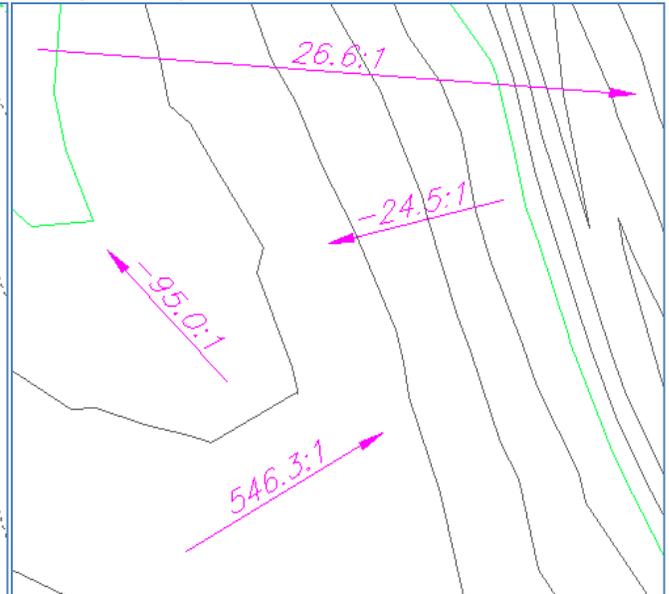
When you select the slope label command, you will have an option of creating a one-point or two-point slope label. The one-point slope label command will place a label listing the slope (in H:V format) at the point that you click on the surface. An arrow will automatically be placed under the slope label which indicates the direction of the slope.

If you select the two-point slope label command, you will be asked to specify the beginning and ending points on the surface that you want to calculate the slope between. The slope (in H:V format) will be placed in the drawing, along with an arrow drawn starting at the first point you selected and pointing toward the second point selected.

One-point slope label



Two-point slope label



Spot Elevations

When you select the spot elevation command, you will select a point in the drawing where you want to display the spot elevation of a surface. The elevation label will be placed in the drawing along with a symbol indicating the point where the elevation was measured.



Spot Elevations on Grid

This command places spot elevation labels at a specific grid interval on a surface.

When you start the command, you will be asked to specify a base point for the grid of labels.

Next, you will be asked for a grid rotation angle. You can either click on a second point in the drawing to define the rotation angle, or you can enter in a rotation angle value at the command line.

After you specify the rotation angle you will be asked for the grid x and y spacing.

Next, you will be asked to specify the upper right location for the grid. The grid spacing you provided in the previous step will be displayed, and you can select on one of the grid points to specify the upper right hand corner of the window.

As a last step, the grid location window will be displayed in the drawing along with a smaller square that represents the x and y spacing that you specified. You will be given the option of changing size or rotation of the grid or grid squares at this point, or you can proceed to placing the spot elevations.

