

PROFILE FROM A 3D POLYLINE

This quick reference guide covers the process for creating a quick profile from a 3D polyline in a drawing without using an alignment or surface. A disadvantage to this procedure is that the quick profile is not a dynamic object, and will not automatically update when changes are made to the 3D polyline used to create it.

1. Draw a 3D polyline that connects the points that you want to use to create the profile.
2. On the *Profiles* drop-down menu, select *Quick Profile...*
3. When prompted to select an object to use to create the profile, click on the 3D polyline.
4. The *Create Quick Profiles* window will appear.

Since you are creating a profile from a 3D polyline, you will not select any surfaces to sample, if any exist in the drawing. You will, however, need to select the box next to *Draw 3D entity profile* to use the elevation properties from the polyline to create the profile. Choose a profile view style from the drop-down list and click the *OK* button to create the profile.

5. Select a profile view origin in the drawing.
6. The quick profile for the 3D polyline will be plotted in the drawing. The quick profile is a temporary object that will not be saved with the drawing. If you want to make the quick profile a permanent part of the drawing, you can explode it and it will remain in the drawing as block references. When exploding the quick profile, be sure to window around the entire profile to select all entities in the object.