Measure Points



This command allows you to pick 3D points directly in the point cloud from any Revit view, including 3D views. It is particularly useful for placing precise reference points in the model space based on real-world captured data. Upon selection, a predefined family symbol is inserted at the chosen location.

Workflow

1. Launch the **Pick 3D Point** command from the Qbitec ribbon.
2. Hover over the point cloud in any view (plan, section, elevation, or 3D).
3. Click to select the desired 3D location. The command will resolve the correct 3D coordinates based on the point cloud data.
4. A reference point family symbol will be placed at the clicked location.
5. Repeat the process to place additional points if needed.
6. Press Esc at any time to cancel the command.

The size of the inserted family symbol can be adjusted using a **type parameter**. You can edit the family type or duplicate it to create variants with different sizes to suit your project scale and visibility needs.

Revision #4
Created 2026-03-12 08:46:42 UTC by Sören König
Updated 2026-03-17 06:52:47 UTC by Sören König