

X-PAD Ultimate FAQ Series

Staking out CAD objects without Points

More FAQ's like this one are available here: [[X-PAD FAQ Series](#)]

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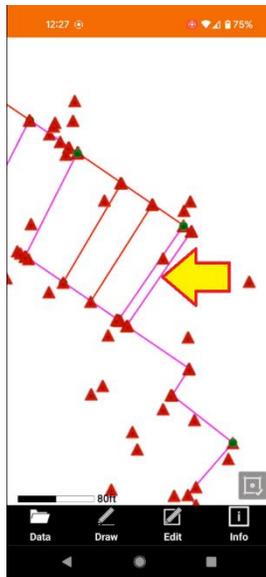
Filename: XPAD_StakeoutObjects_without_Points_R001.docx

Thesis

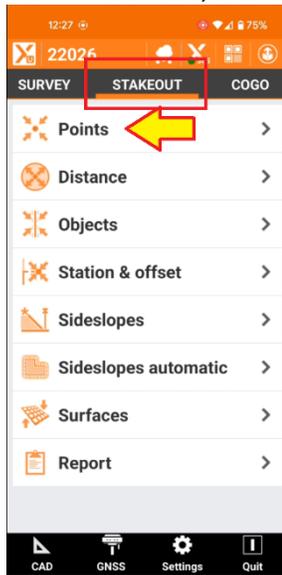
This FAQ shows how to Stakeout (navigate to) locations which are not defined by points. Attributes like: Endpoints, Midpoints, Intersections, polyline Nodes, Centers, Tangents and Nearest points can be selected from lines, polylines, arcs and circles.

Method

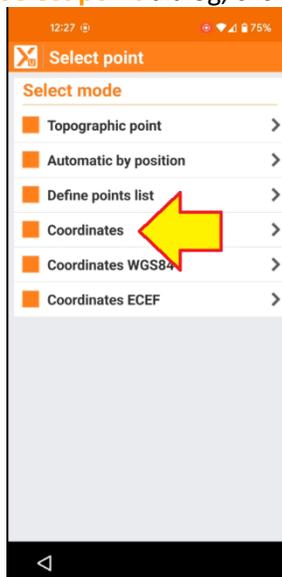
Suppose we would like to Stakeout the midpoint of the specific line segment shown in **CAD**:



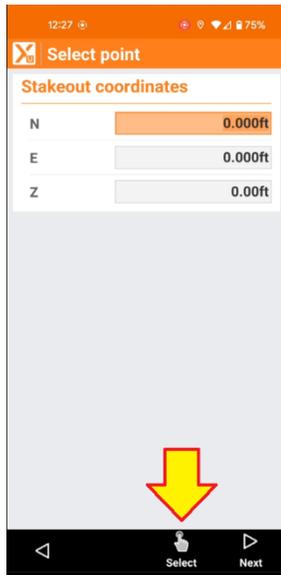
From the **STAKEOUT** tab, click on **Points**:



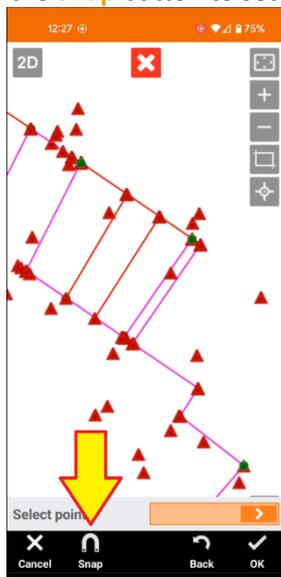
On the **Select point** dialog, click on **Coordinates**:



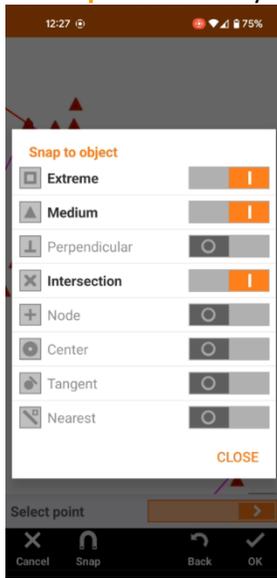
On the **Stakeout coordinates** dialog, click on the **Select** icon:



Click on the **Snap** button to set object snaps:

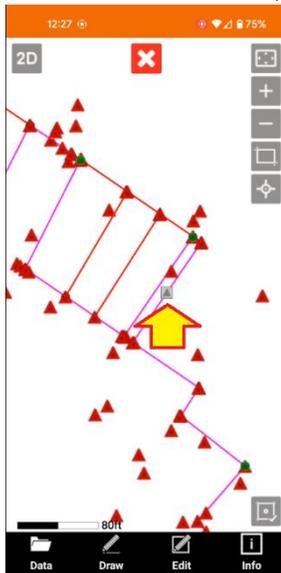


Enable the **Snap** modes that you need:



Note: Extreme = Endpoint and Medium = Midpoint.
Click on **CLOSE**.

From the **CAD** selection screen, click near the midpoint of the line:



A small selection box will be shown, then the coordinates of the midpoint will be shown:



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Click **Next** and stake normally:

