drawslp.bas, drawslphd.bas, and drawslp2el.bas

Description: These programs allow the user to draw a 3d line at a preset slope. It works like the place line command, by taking 2 data points. The difference is that the elevation of the second point is set by using the elevation of the first point and adding the horizontal distance times the slope.

There are three variations of this program, they all use the first data point to anchor the line but they each differ in how they calculate the end point.

Drawslp uses x,y of the second data point for the x,y of the end of the line and calculates the z of the endpoint.

Drawslphd allows the user to specify a horizontal distance and slope and uses the x.y of the second data point to calculate the horizontal direction of the line. The x,y, and z of the endpoint are all calculated.

Drawslp2el allows the user to specify a target elevation and slope and uses the x,y of the second data point to calculate the horizontal direction of the line. The x,y, and z of endpoint are all calculated.

Instructions: Just run the macro and it will prompt you for the required information.

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