FindMeXYZ is a lightweight and interactive annotation tool to annotate or determine coordinates on the fly. The great majority of 2Dimensional objects are supported as are 3Dimensional polylines. When annotating 3Dimensional polylines, the annotation itself will appear at the elevation of the point that it is referencing.

Keyboard input is used to adjust a variety of parameters which interactively modify the appearance and information of the annotation.

KEYBOARD INPUT:

-/+ : DECREASE/INCREASE text size

[/] : DECREASE/INCREASE arrow head size

</> : DECREASE/INCREASE text rotation

 1  : TOGGLE text alignment

 2  : TOGGLE box around text

 3  : CYCLE arrow attachment point

 4  : CYCLE text content

Possible text content includes: XYZ coordinates, XY coordinates, (x,y,z), (x,y), Distance from Start, and, Distance from End.

-To begin the command, click the ribbon icon or type FINDMEXYZ and hit enter at the command line.

-Next, the user will be prompted to select an entity, this can be a 2d object, a polyline, or a 3dpolyline.

-The annotation text will change as the cursor is moved. The point being annotated is indicated by an arrow. The point being annotated is the closest point between the cursor and the selected object. For precision, zoom in on the cursor to select the point that you wish to annotate. When the point that you wish to annotate is indicated by the arrow, lock this point by performing a left click.

-At any time during the command, the following keyboard input can be used:

  -/+ : DECREASE/INCREASE text size

  [/] : DECREASE/INCREASE arrow head size

  </> : DECREASE/INCREASE text rotation

   1  : TOGGLE text alignment

   2  : TOGGLE box around text

   3  : CYCLE arrow attachment point

   4  : CYCLE text content

- When you are satisfied with the appearance of the annotation, left click once more to place the annotation text and exit the command.

LexmanCAD is a personal project by an AutoLISP developer active in the Mining and Geology industry to bring simple but useful tools to vanilla AutoCAD®. These tools are the results of common requests by AutoCAD users within the Mining and Geology industry and are general enough that any industry may benefit from using them. Like us on facebook at [www.facebook.com/LexmanCAD](http://www.facebook.com/LexmanCAD) to keep the apps coming!