
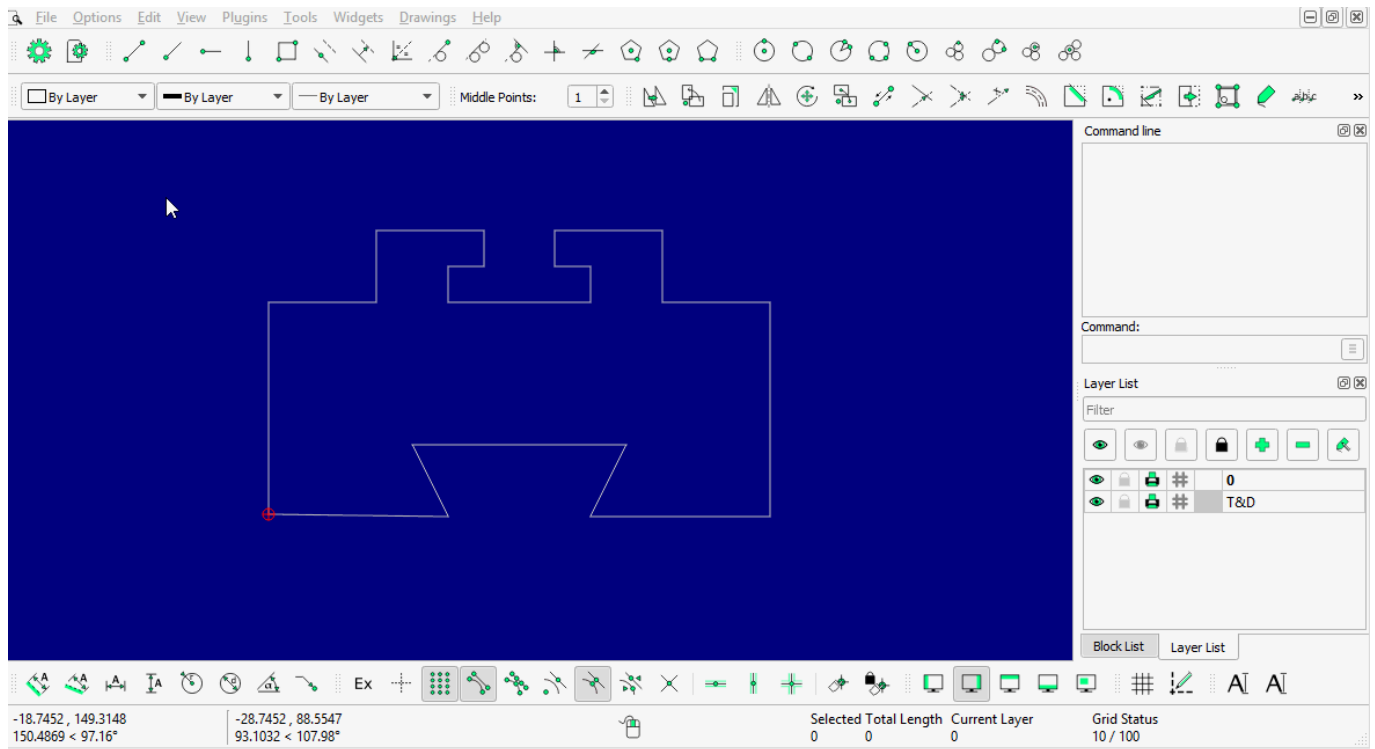


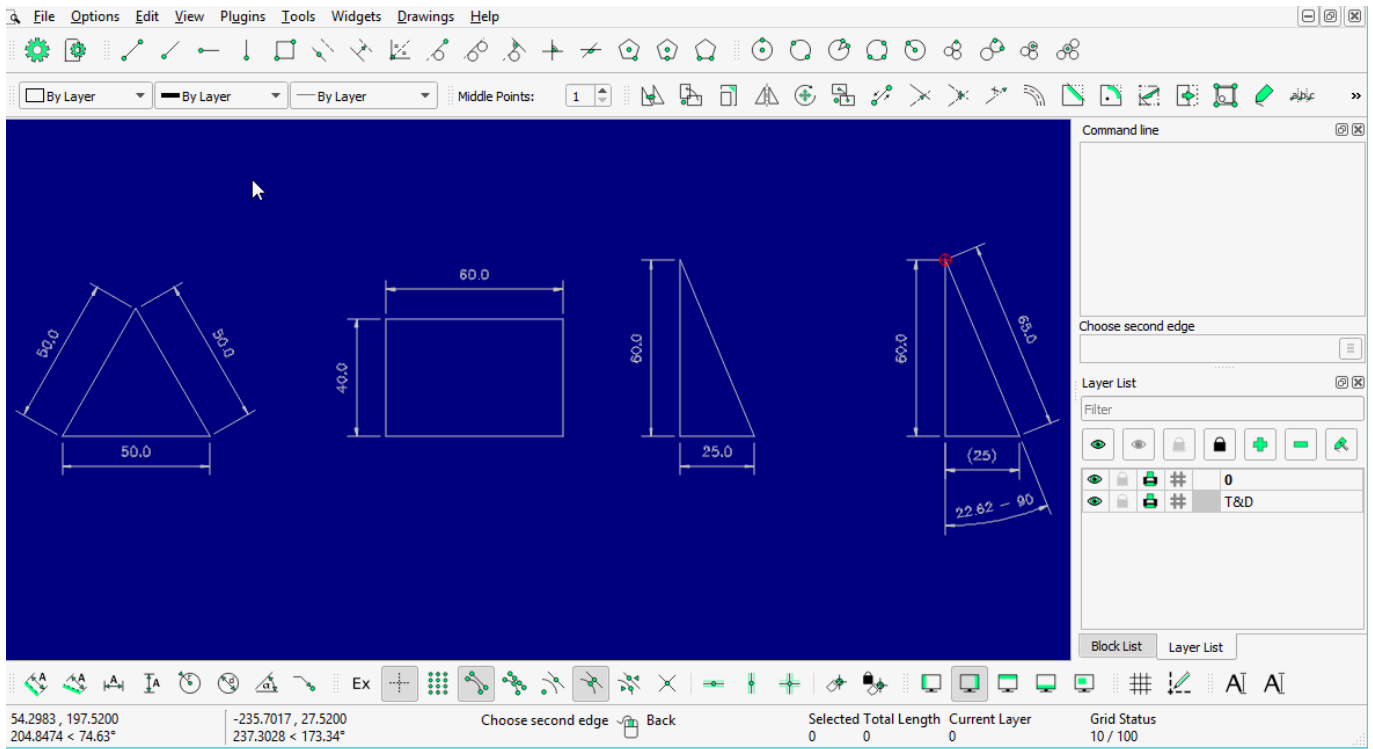
LINE

LINE: 2 Points



- click the  icon.
- specify **first point** (left-click).
- specify **second point**
- **Right-click** to 'back' or press 'Esc' to exit.





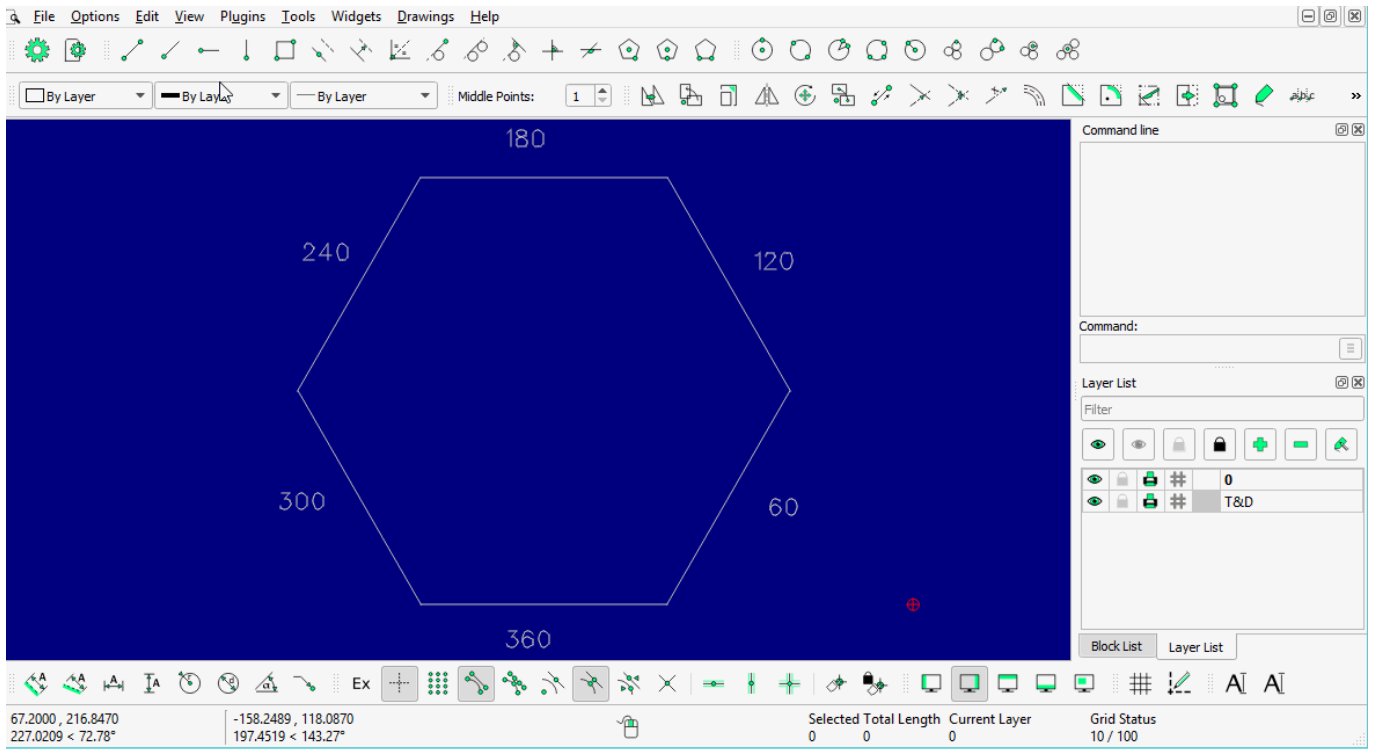
2 points with more detail (tips for drawing a specific length of a line; type the **BOLD** one into command-line).

- specify the First point (left-click).
- **@50<0** for straight line.
- **@50,50** for Square or **@50,30** for Rectangle.
- **@60<120** for 60mm line at 120 degrees. (try {-} (minus) symbol before 'degree' and see what happen!!)

LINE: Angle



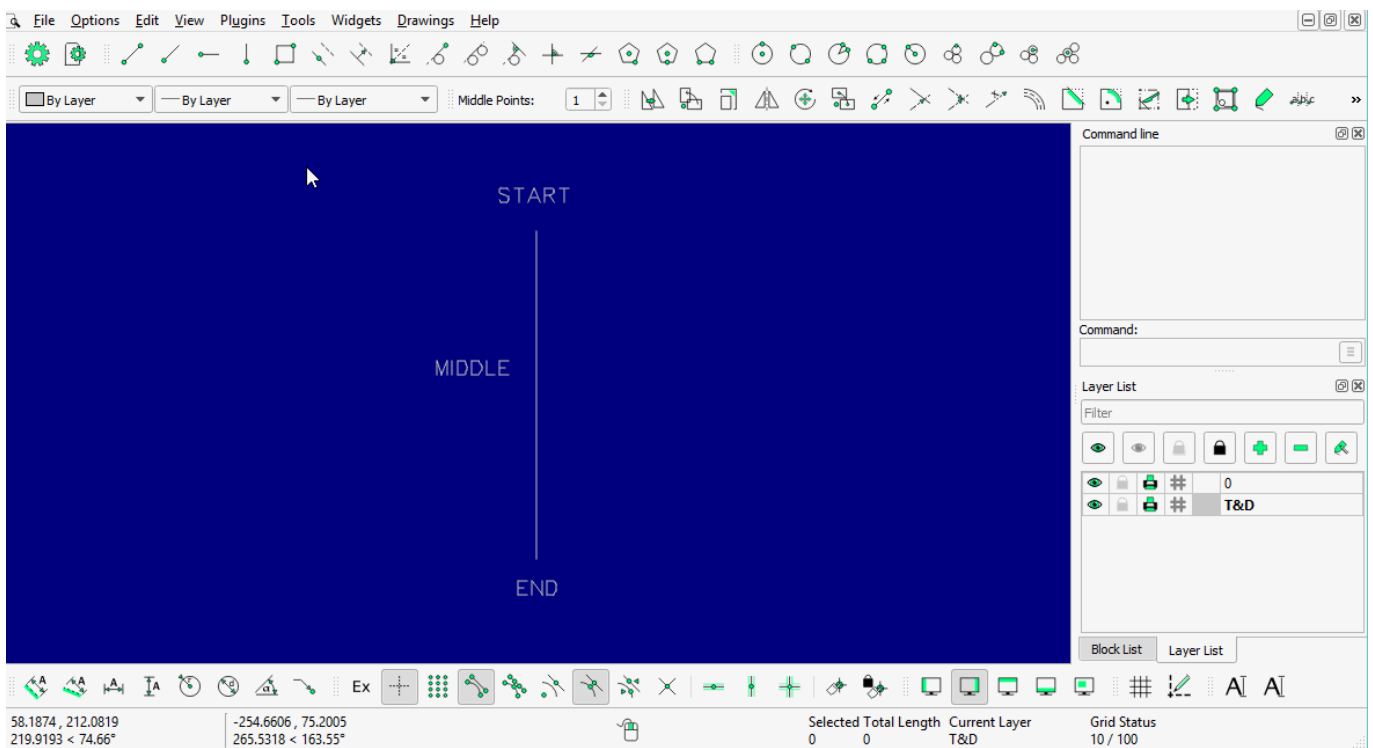
- click the icon
- enter **angle** (see 'tool option')
- enter **length**
- specify **start**, **middle**, or **end** snap point
 - specify **position**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Horizontal



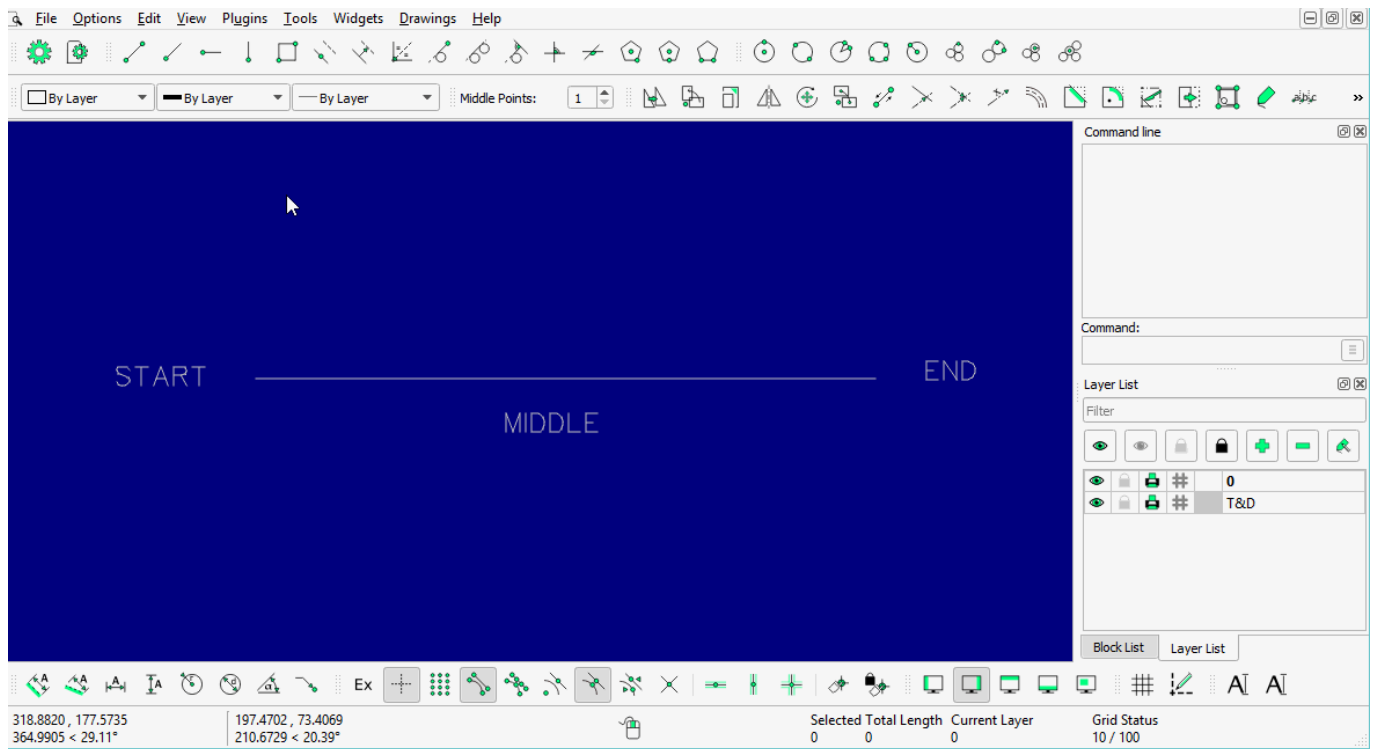
- click the icon
- enter **length**
- specify **start, middle, or end snap point**
 - specify **position**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Vertical



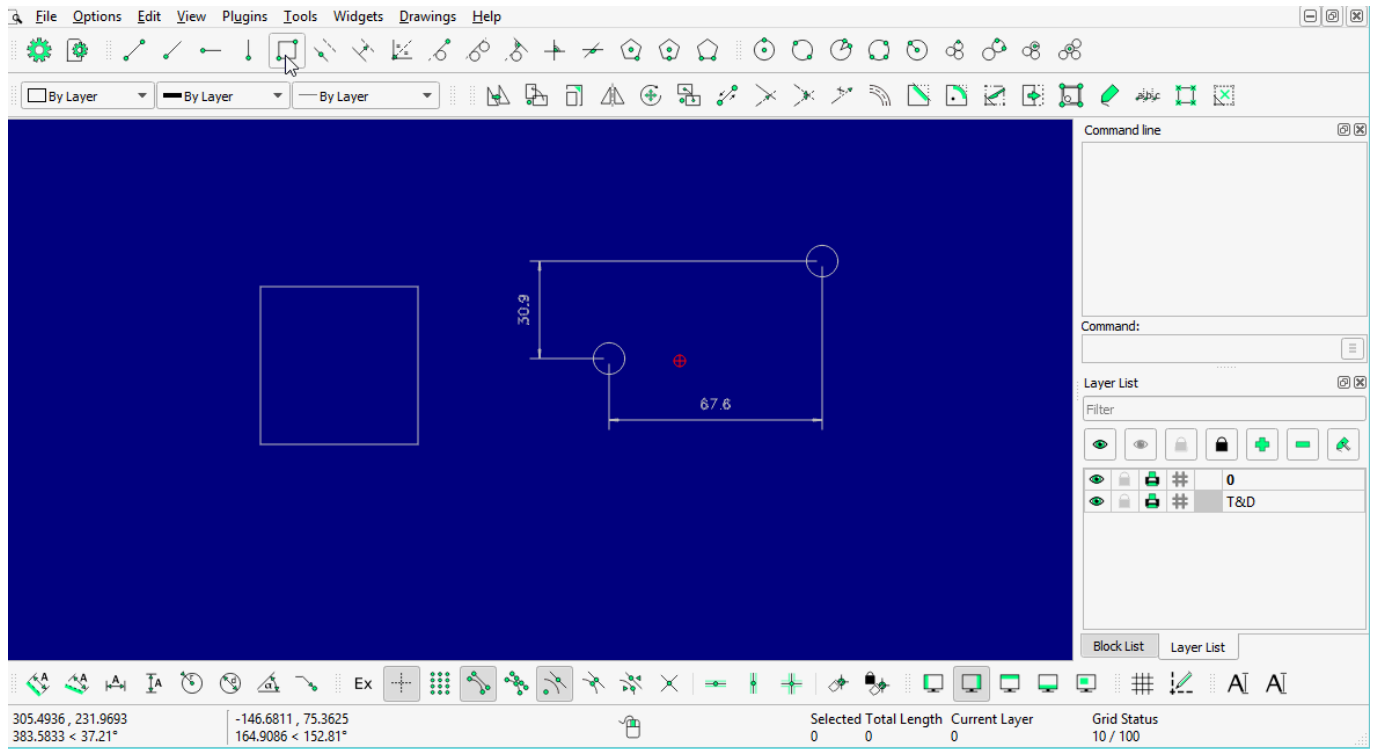
- click the icon
- enter **length**
- specify **start**, **middle**, or **end** snap point
 - specify **position**
- **Right-click** to 'back' or press 'Esc' to exit




LINE: Rectangle

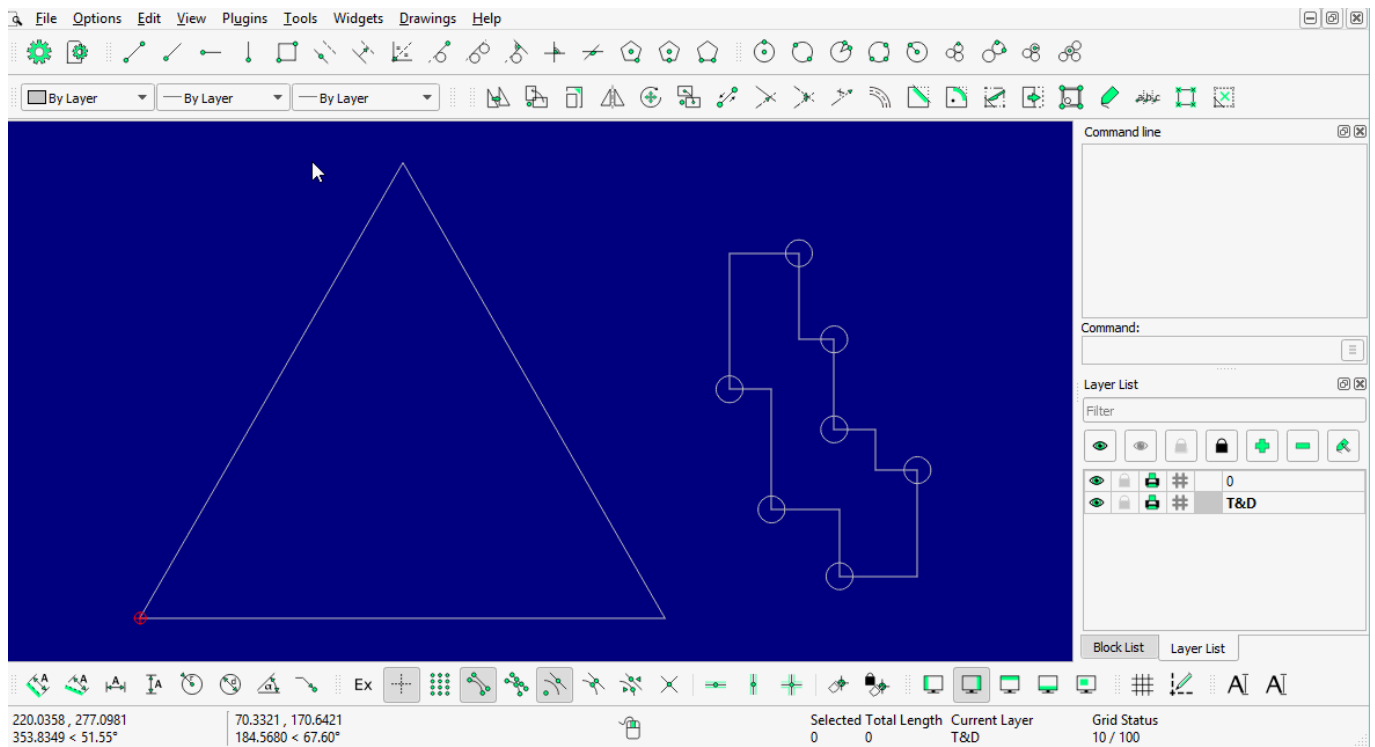


- click the icon
- specify **first corner**
- specify **second corner**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Parallel through point

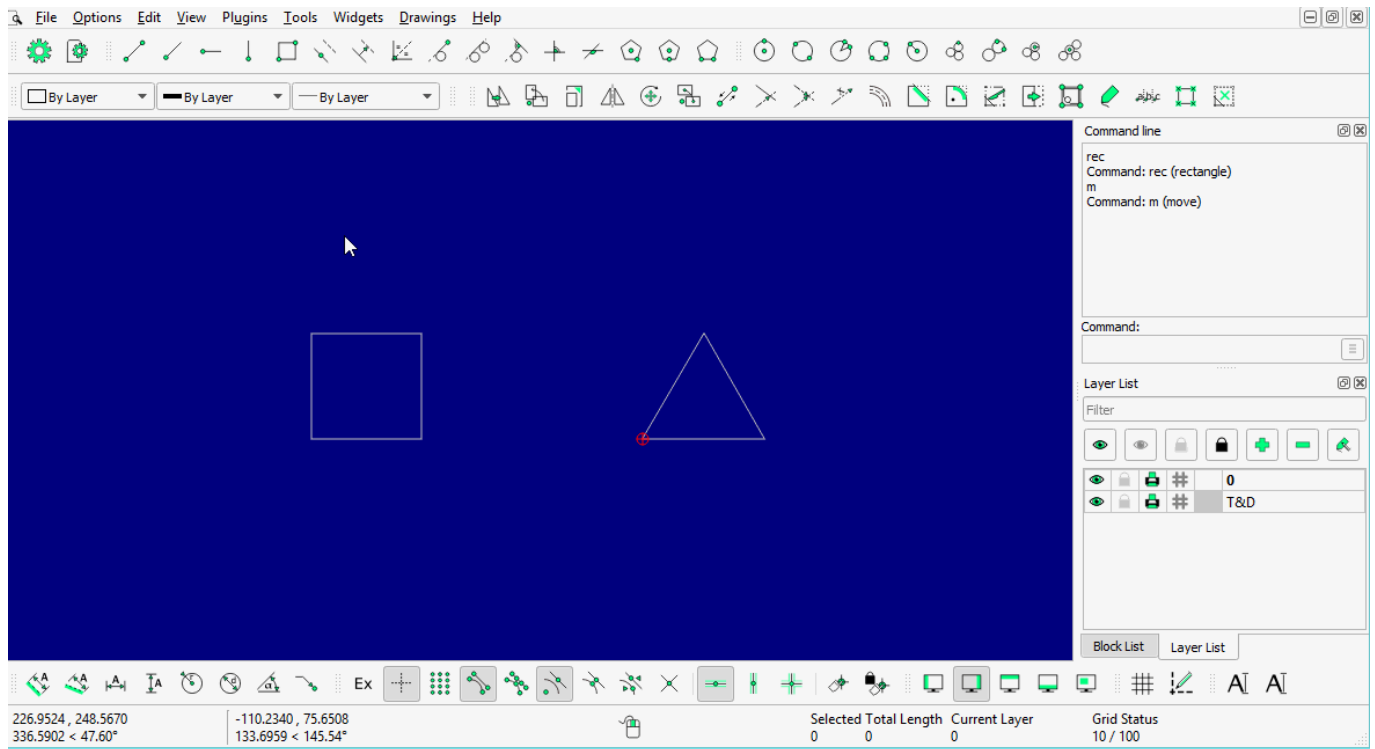
- click the  icon
- select **entity**
- specify through **point** (click at specific point or anywhere to repeat the process)
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Parallel



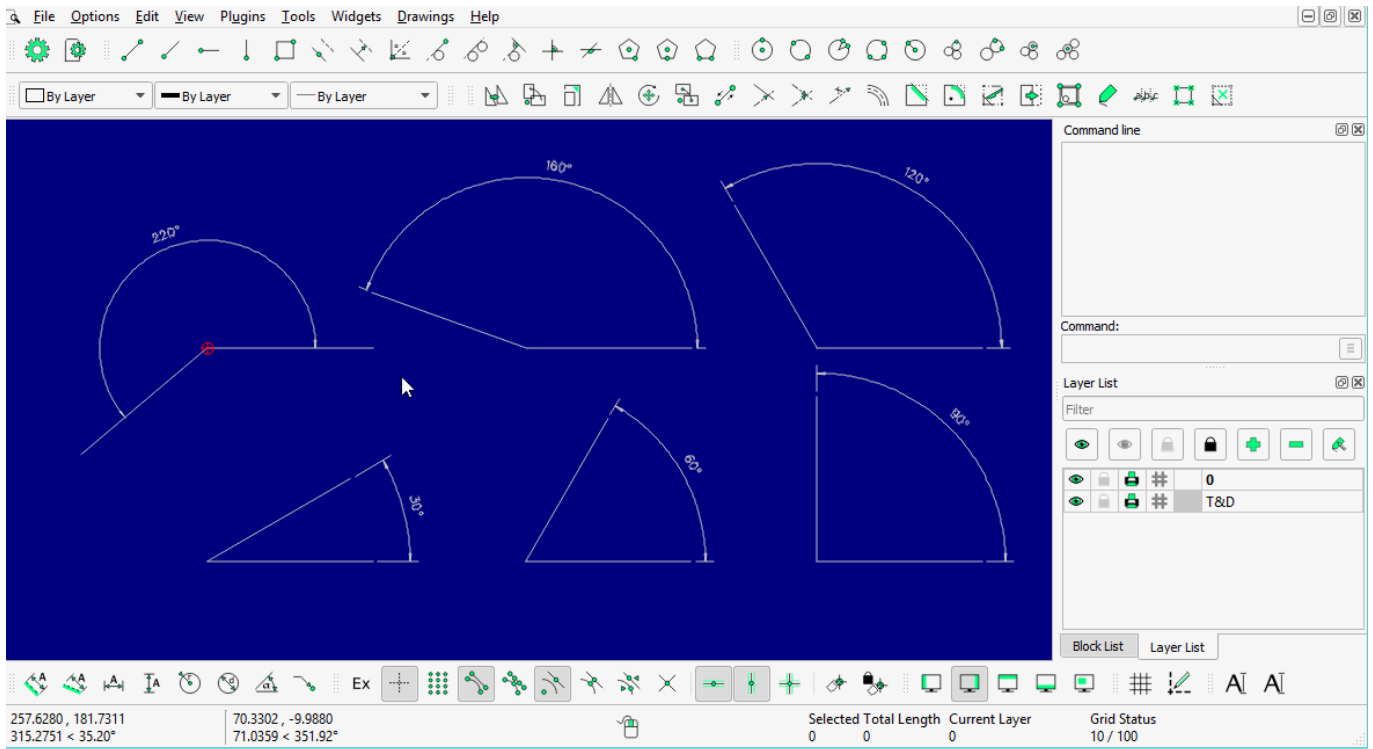
- click the icon
- enter the **distance** and **number** of copies required OR
 - select **entities** and repeat it as required
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Bisector



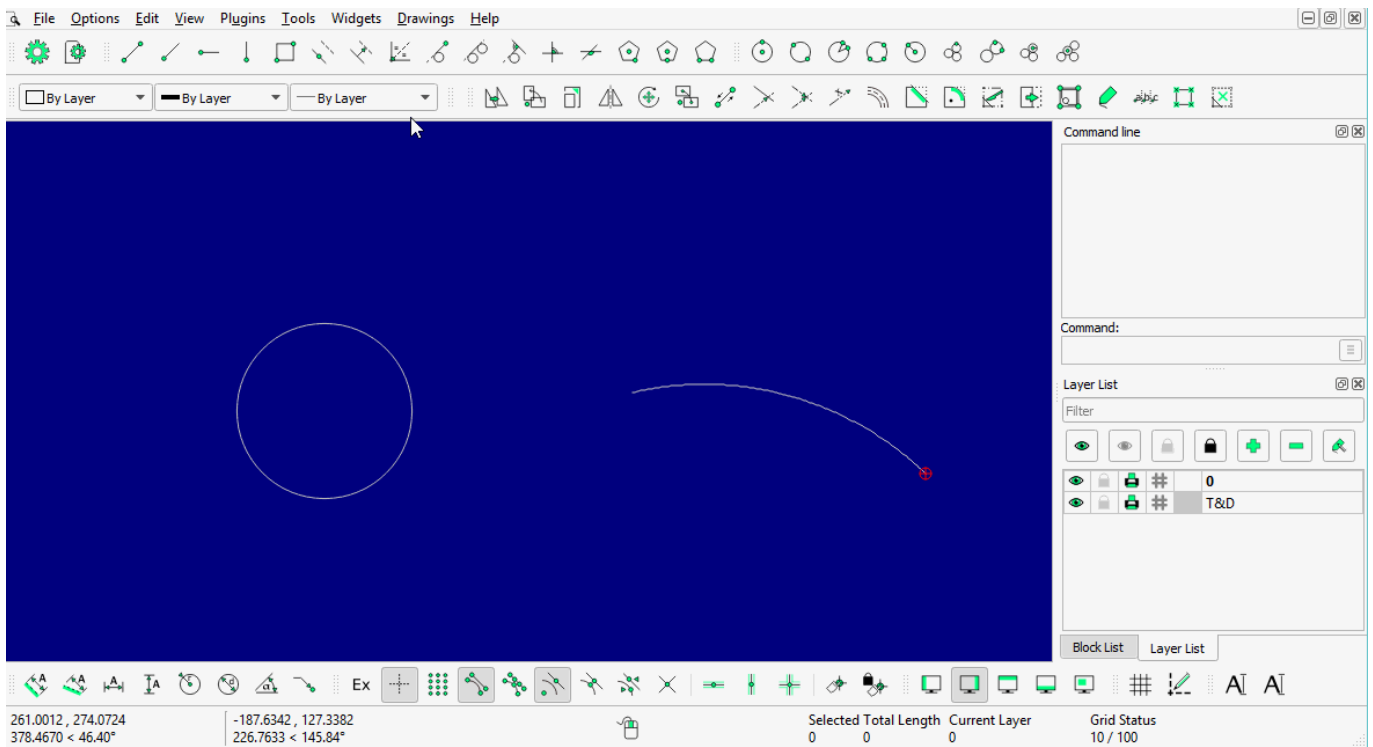
- click the icon
- enter **length** and **number** (from tool option)
 - select **first line**
 - select **second line**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Tangent (P,C)




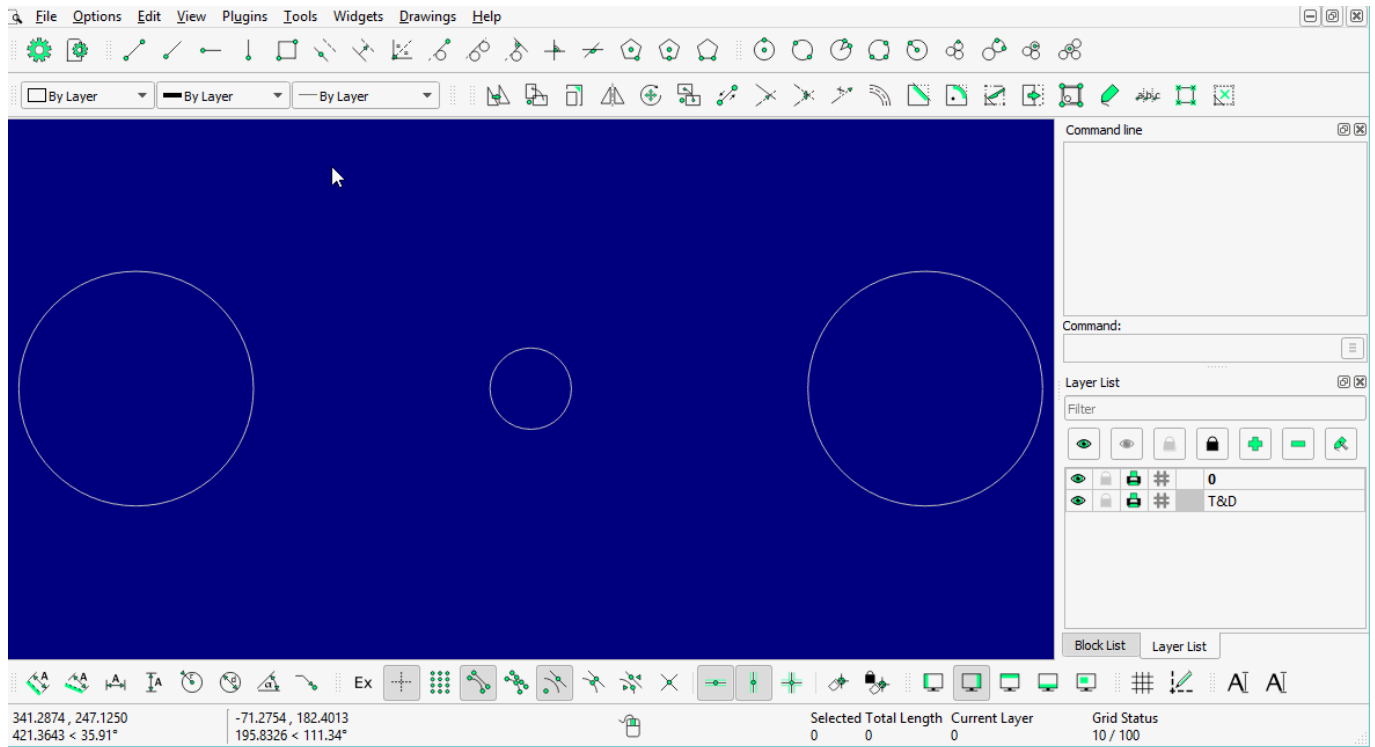
- click the icon
- specify **point**
- select **circle, arc or ellipse**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Tangent (C,C)




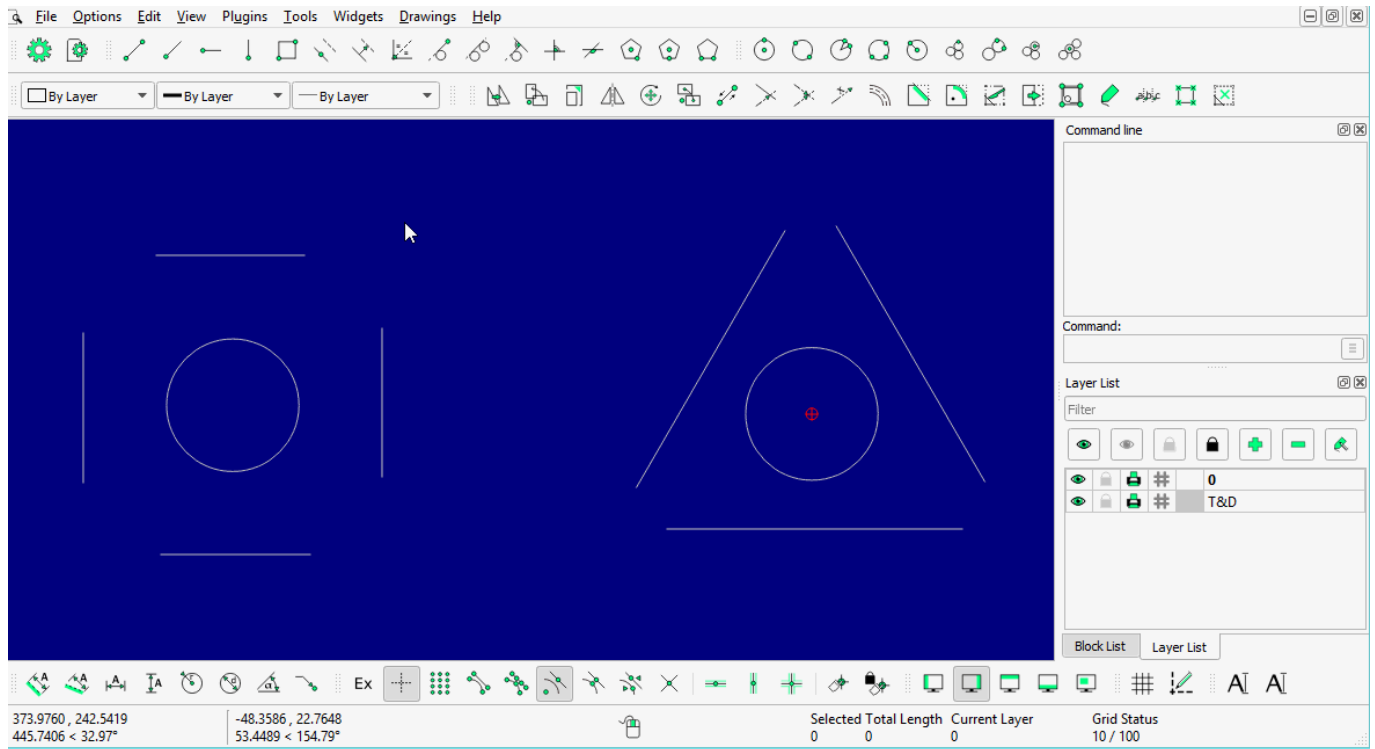
- click the 
- select **first circle or ellipse**
- select **second circle or ellipse**
- **Right-click** to 'back' or press 'Esc' to exit




LINE: Tangent Orthogonal

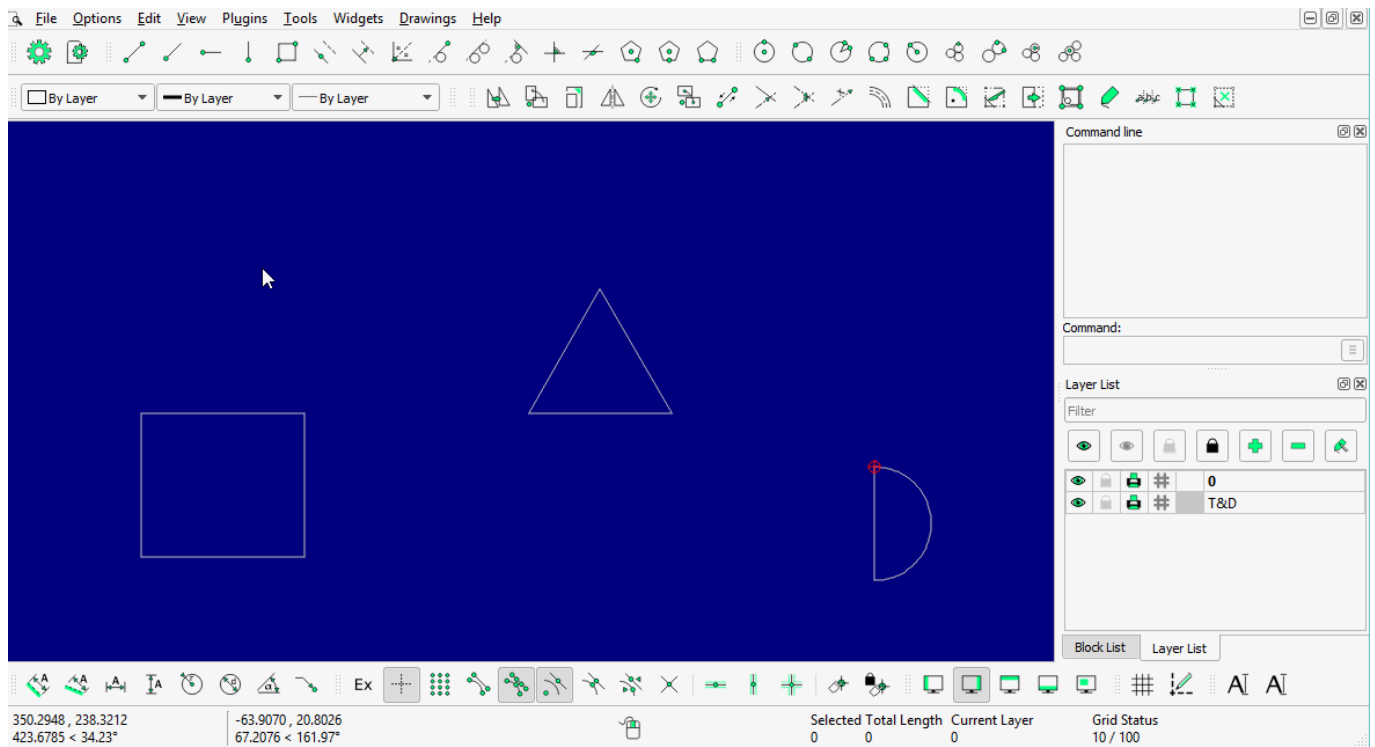


- click the  icon
- select a **line**
- select **circle, arc or ellipse**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Orthogonal

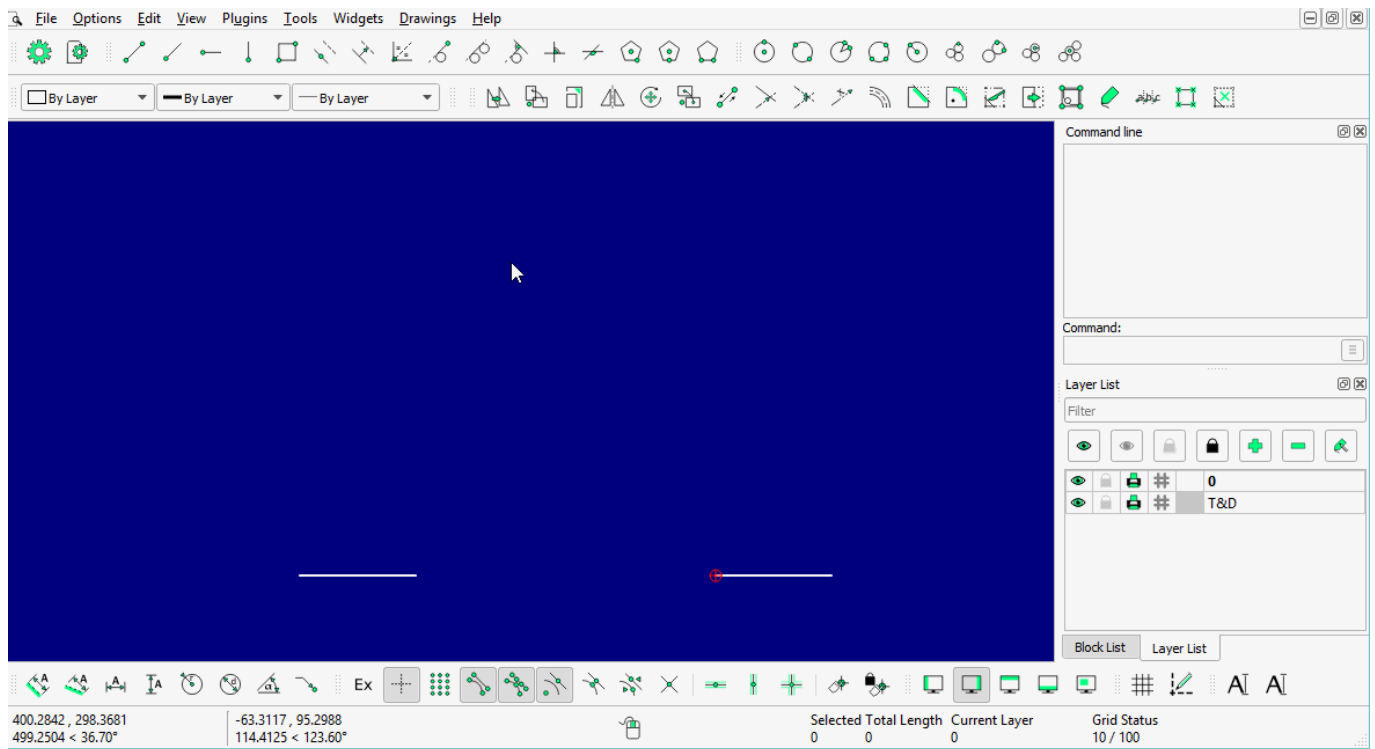
- click the  icon
- select **line**
- select **circle, arc or ellipse**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Relative Angle



- click the icon
- enter **angle** and **length**
 - select **base entity**
 - select **position**
- **Right-click** to 'back' or press 'Esc' to exit



LINE: Polygon [(Cen,Cor), (Cen,Tan), (Cor,Cor)]



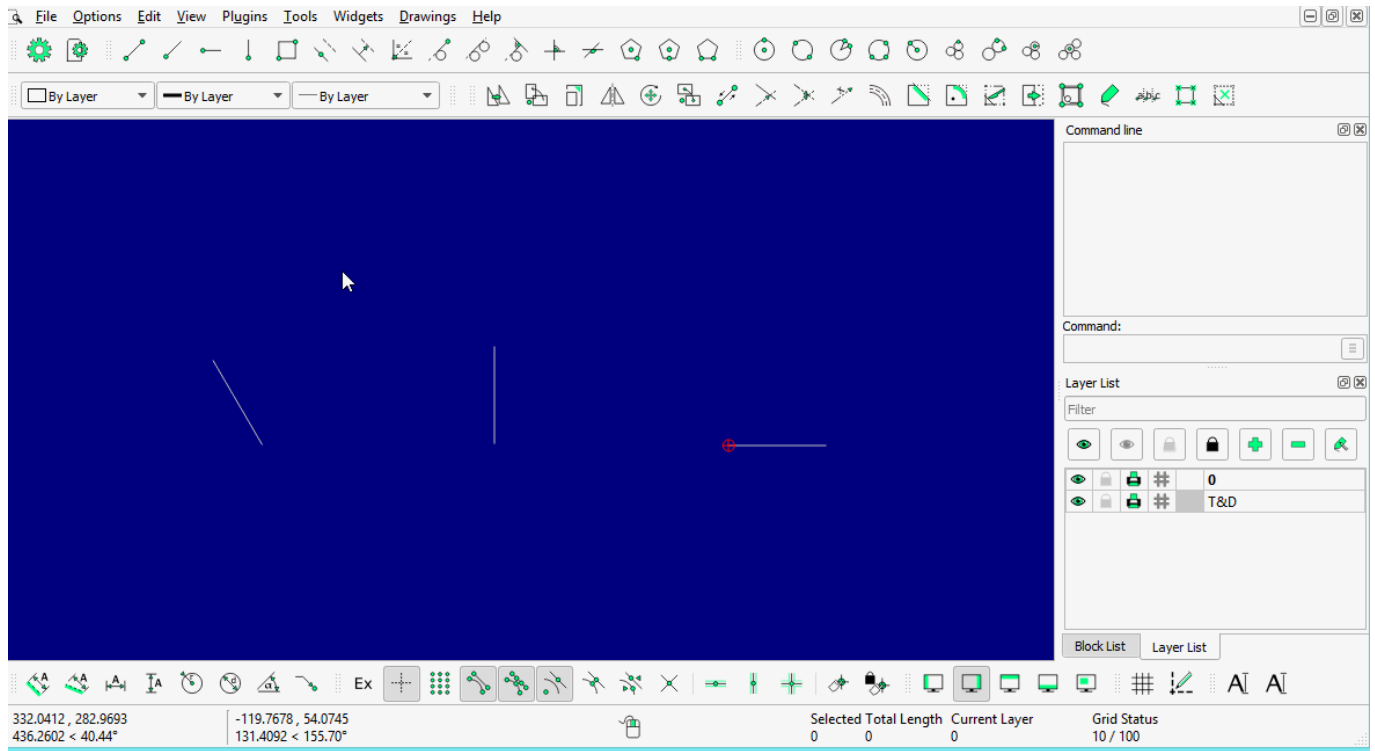
- click the icon
 - enter **number** of sides as required
 - specify **center**
 - specify **corner**



- click the icon
 - enter **number** of sides as required
 - specify **center**
 - specify **tangent**



- click the icon
 - enter **number** of sides as required
 - specify **first corner**
 - specify **second corner**
- **Right-click** to 'back' or press 'Esc' to exit



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