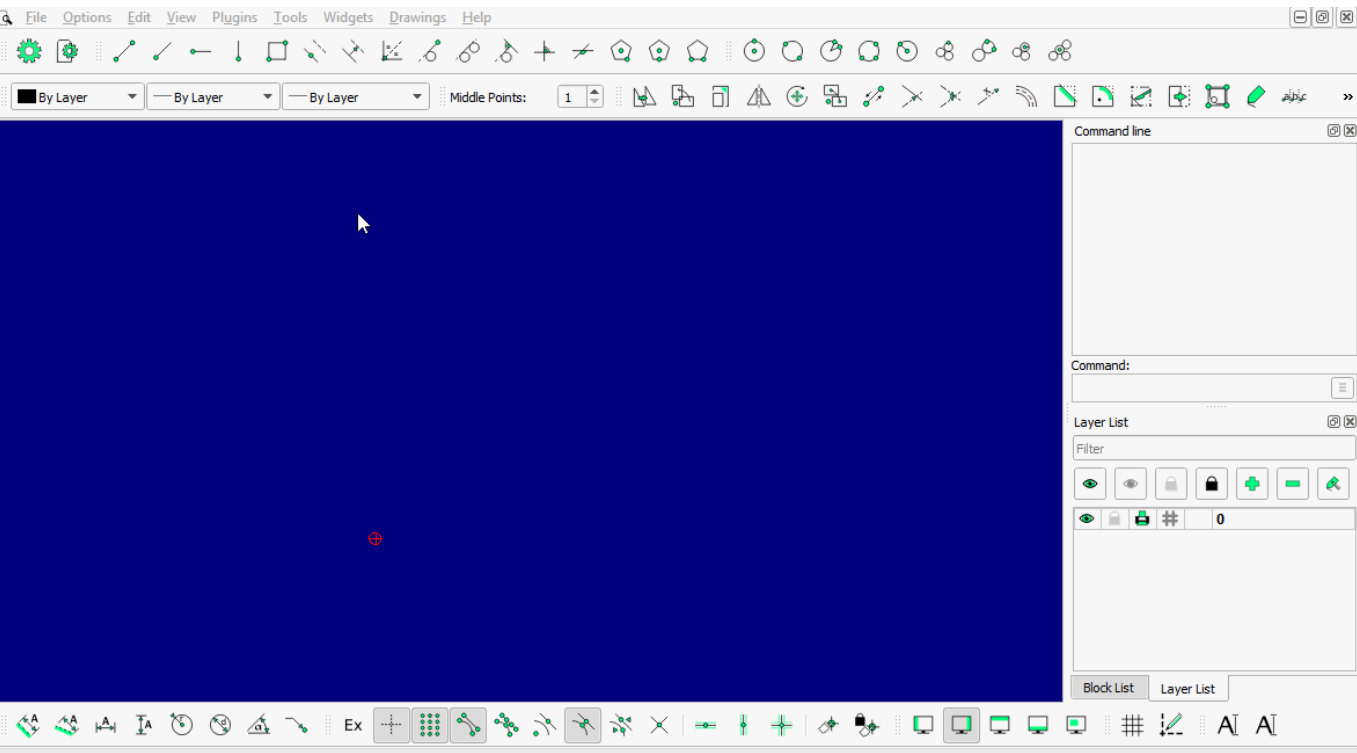


# Animated Tutorials

In this **Animated Tutorials** series, one will get a basic ideas of - how **tools** can be used to create drawings.

This tutorial will guide step by step to understand from very basic behavior of tools. In other word, it can be an **Animated User Manual**.



Contents of this Tutorial will follow as mentioned below.

- **Line**
- **Circle**
- **Modify**

**Note:** The focus of this tutorial is only for Tools. For User Interface, Preferences, Toolbar setting related tutorial could be in different tab/page inside Wiki or will be uploaded soon here, Animated Tutorial page.

It is advisable to look frequently at **Command Line** and near to **Mouse icon** inside 'status bar' at the bottom, to understand how command's 'inputs' works and what left and right mouse button do.

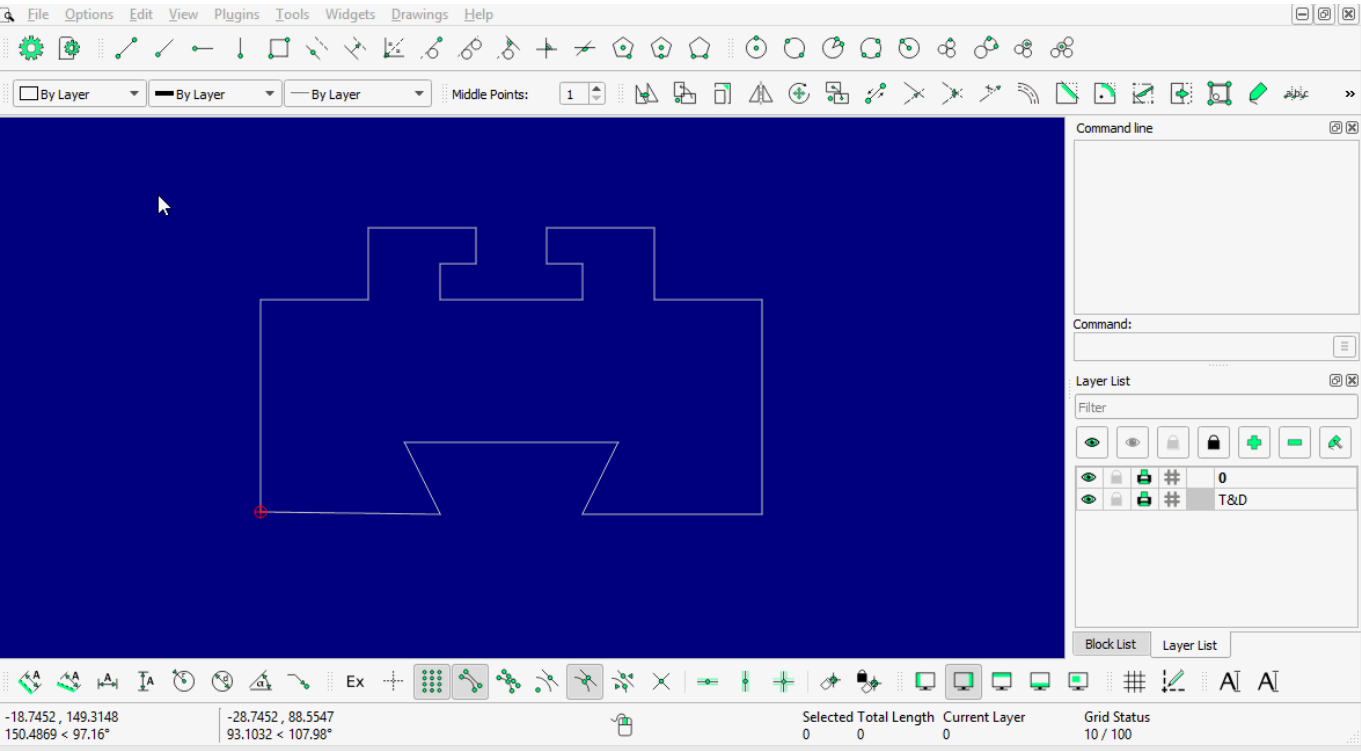
## Contents Of Tools

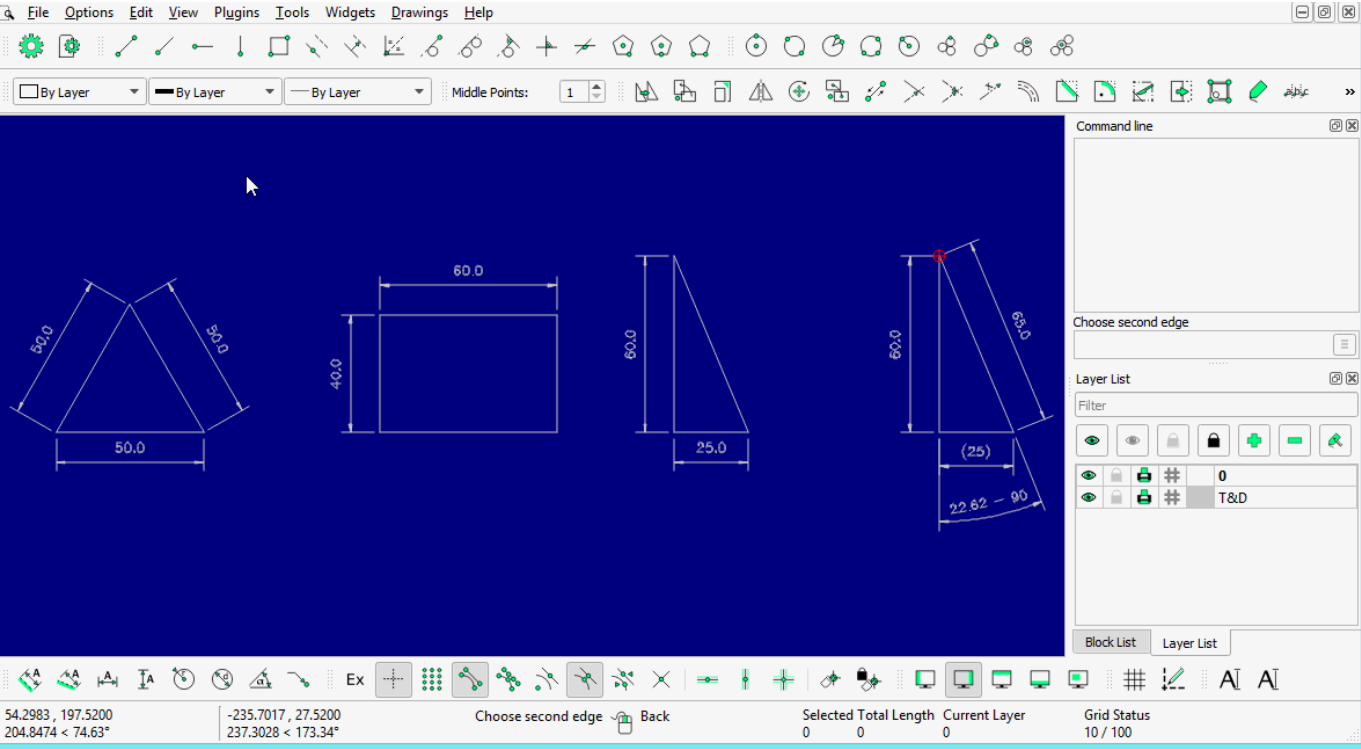
Line	Circle	Modify
2 points	Center Point	Move / Copy
Angle	2 Points	Rotate
Horizontal	2 Points, Radius	Scale

Line	Circle	Modify
Vertical	3 Points	Mirror
Rectangle	Center, Radius	Move and Rotate
Parallel through points	Tangential 2 Circles, 1 Point	Revert Direction
Parallel	Tangential, 2 Point	Trim
Bisector	Tangential 2 Circles,Radius	Trim Two
Tangent (P,C)	Tangential 3 Circles	Lengthen
Tangent (C,C)		Offset
Tangent Orthogonal		Bevel
Orthogonal		Fillet
Relative Angle		Divide
Polygon (Cen, Cor)		Stretch
Polygon (Cen, Tan)		Properties
Polygon (Cor, Cor)		Attributes
		Explode text
		Explode
		Delete Selected

Tool: LINE

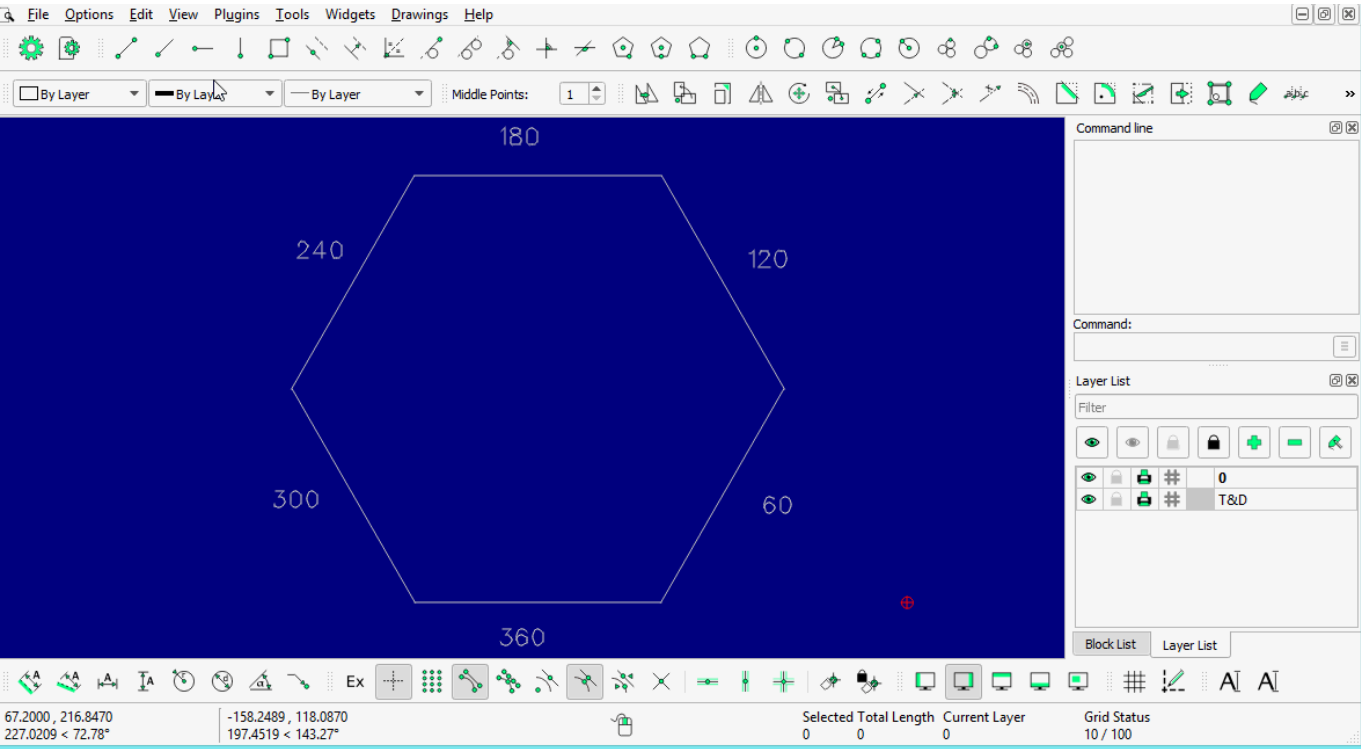
LINE: 2 Points



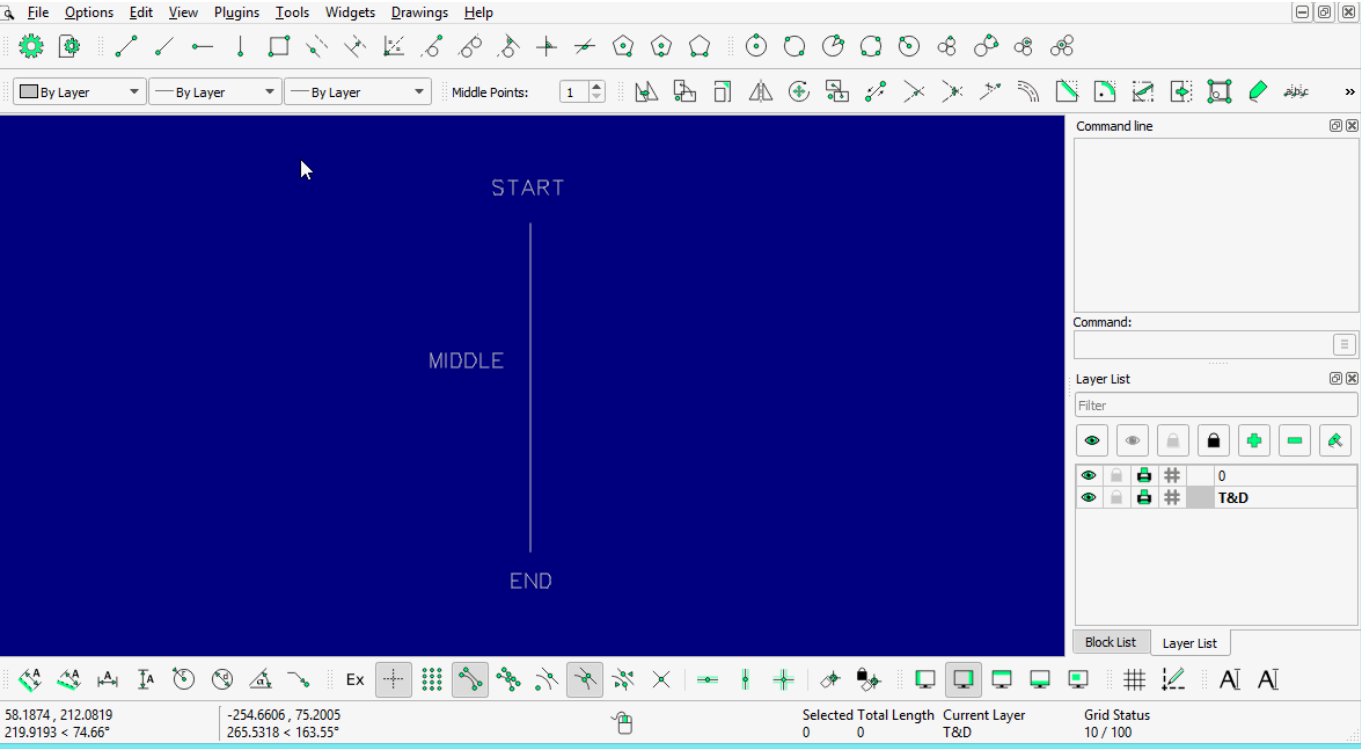


2 points with more detail...

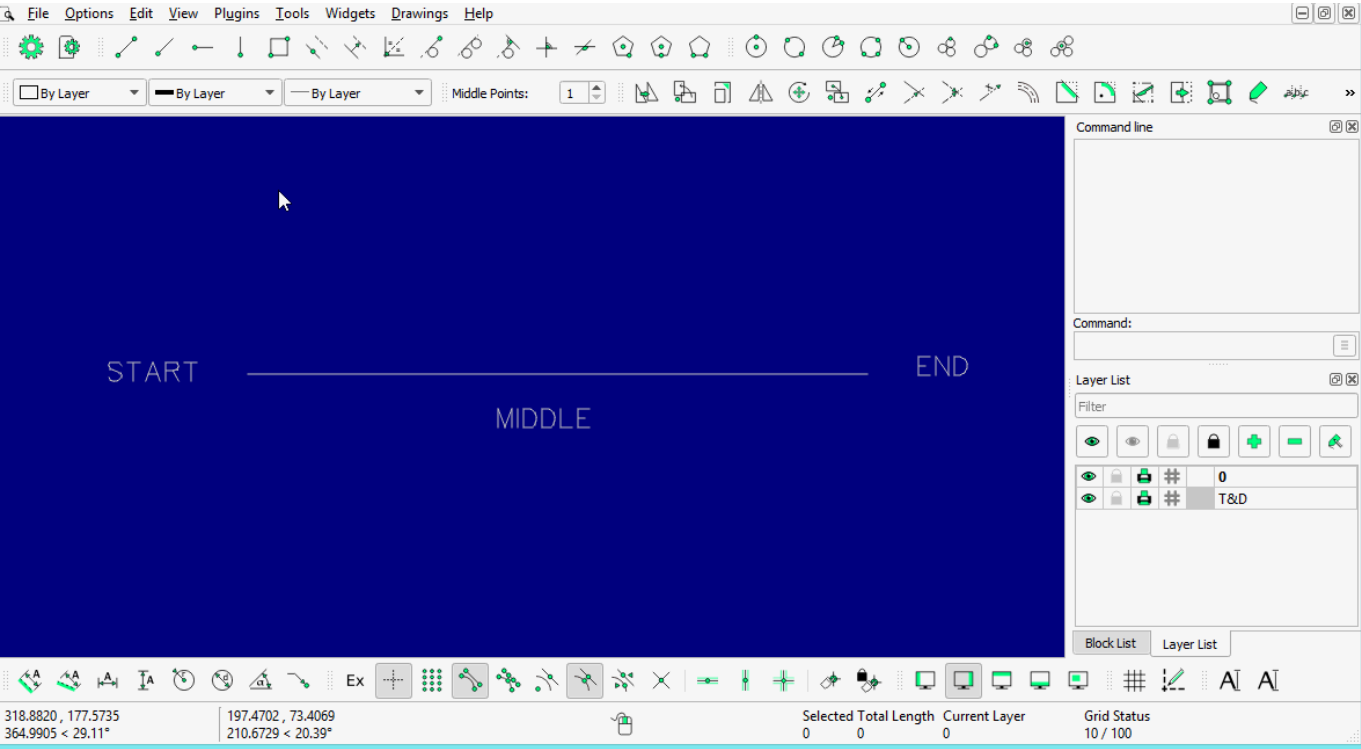
LINE: Angle



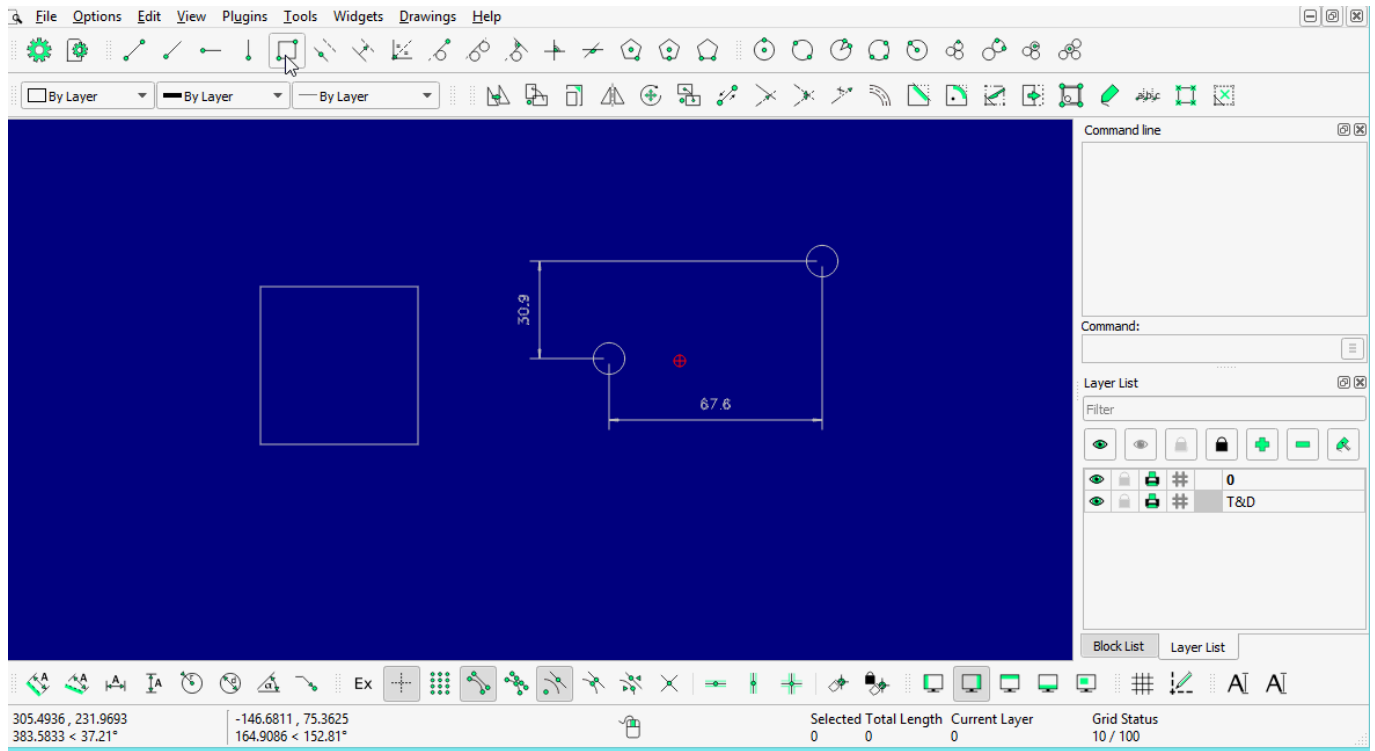
LINE: Horizontal



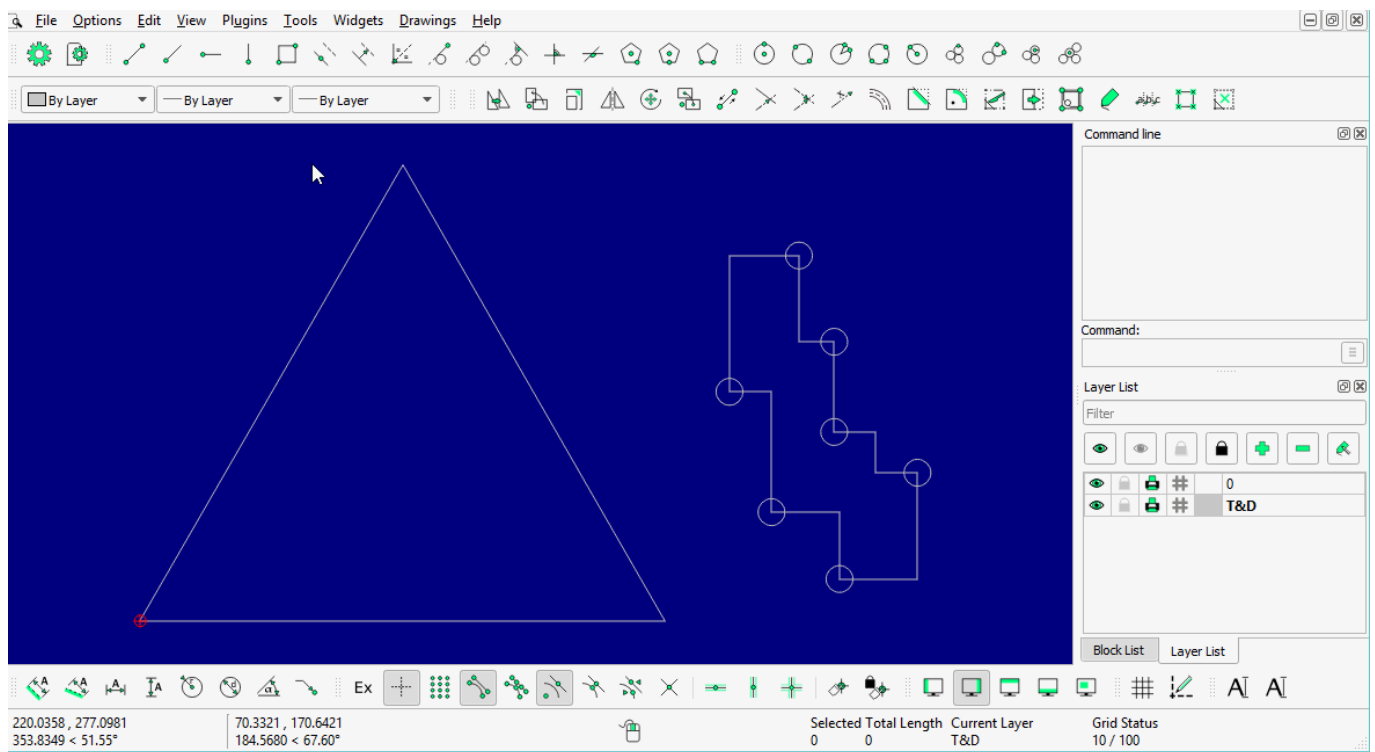
LINE: Vertical



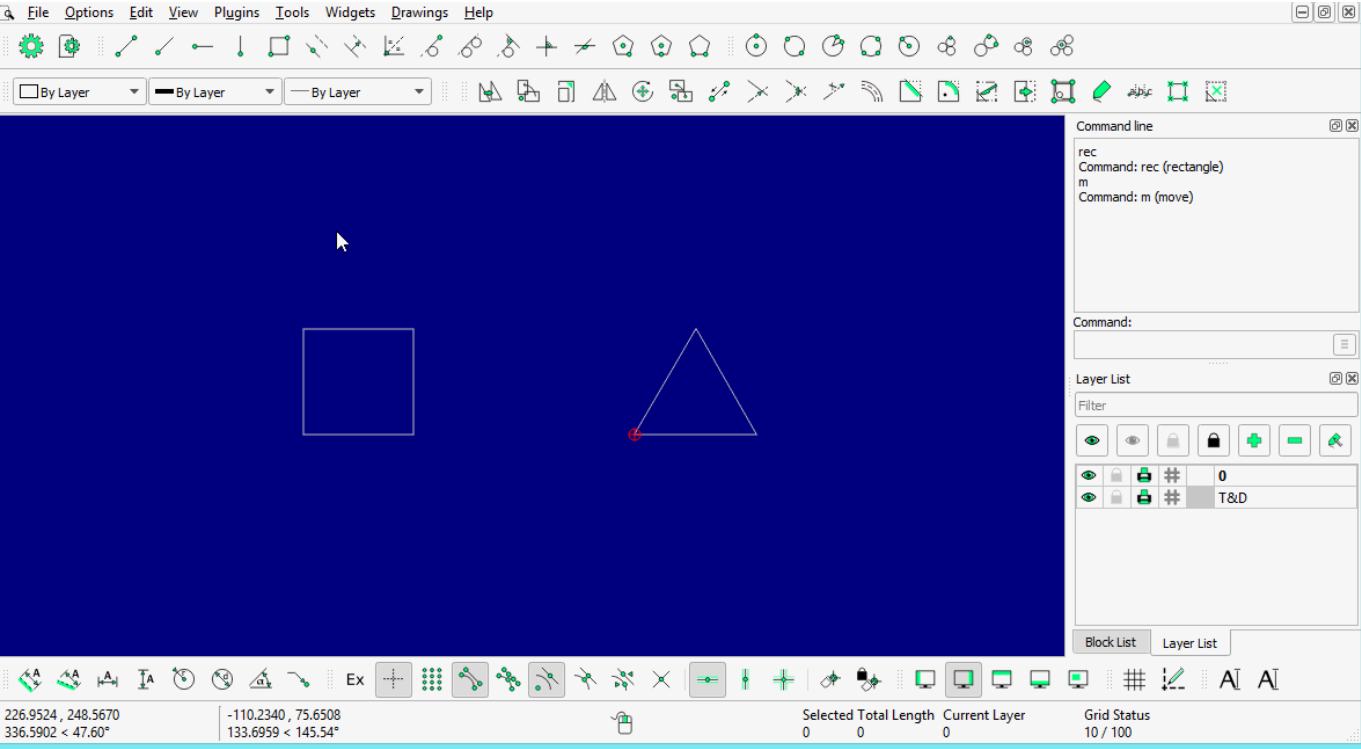
LINE: Rectangle



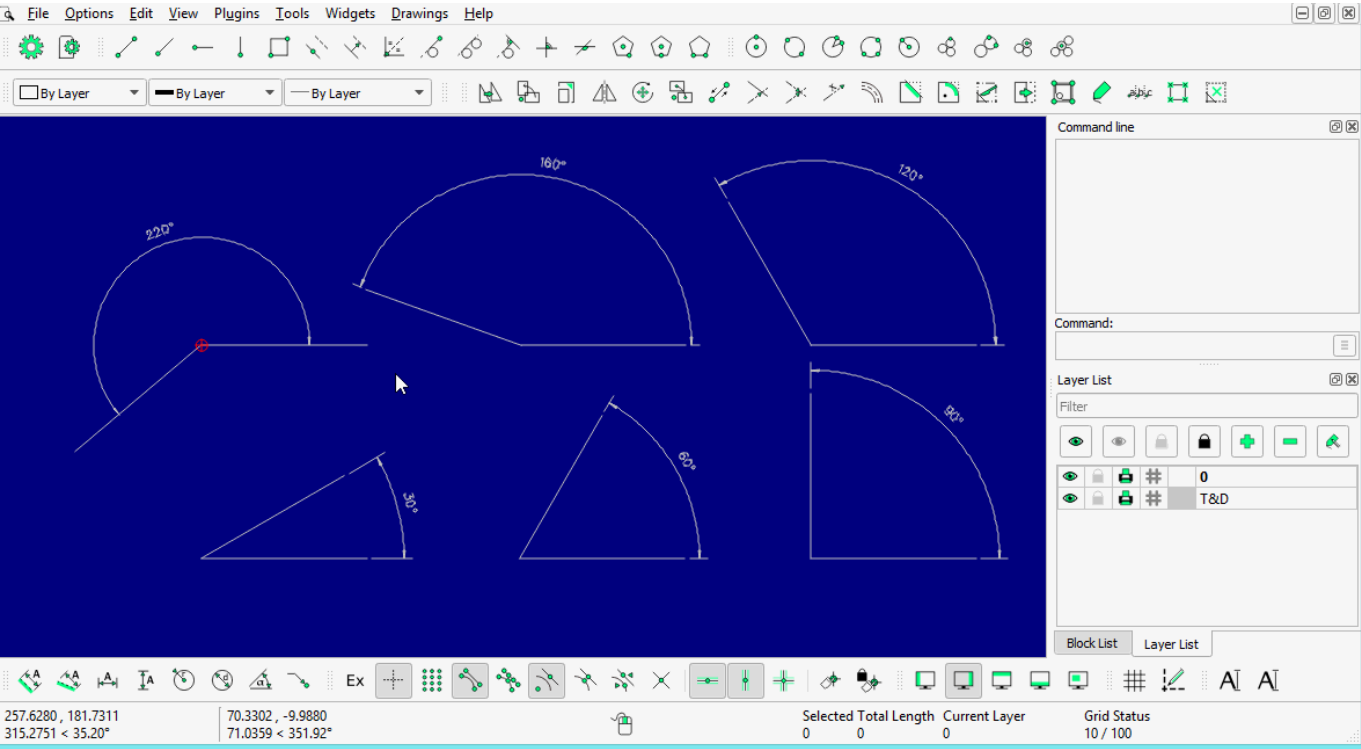
## LINE: Parallel through point



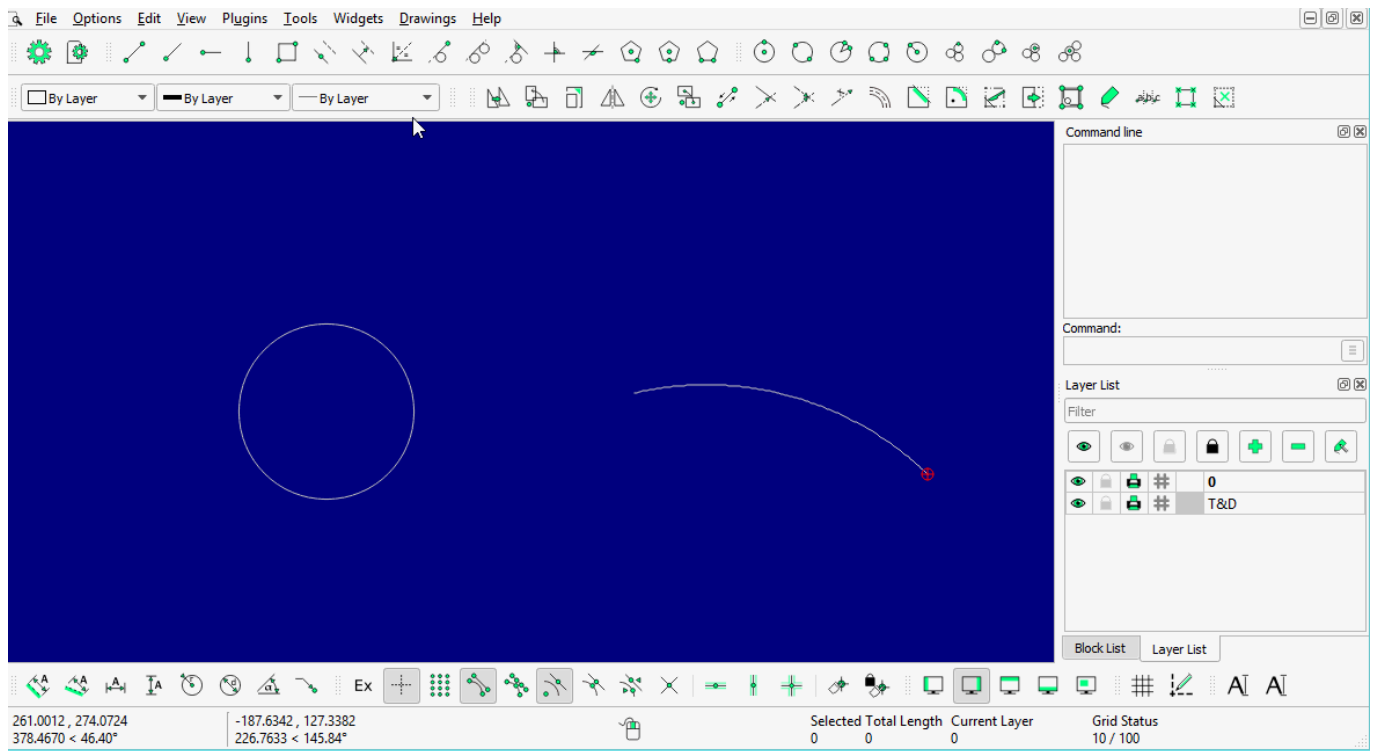
## LINE: Parallel



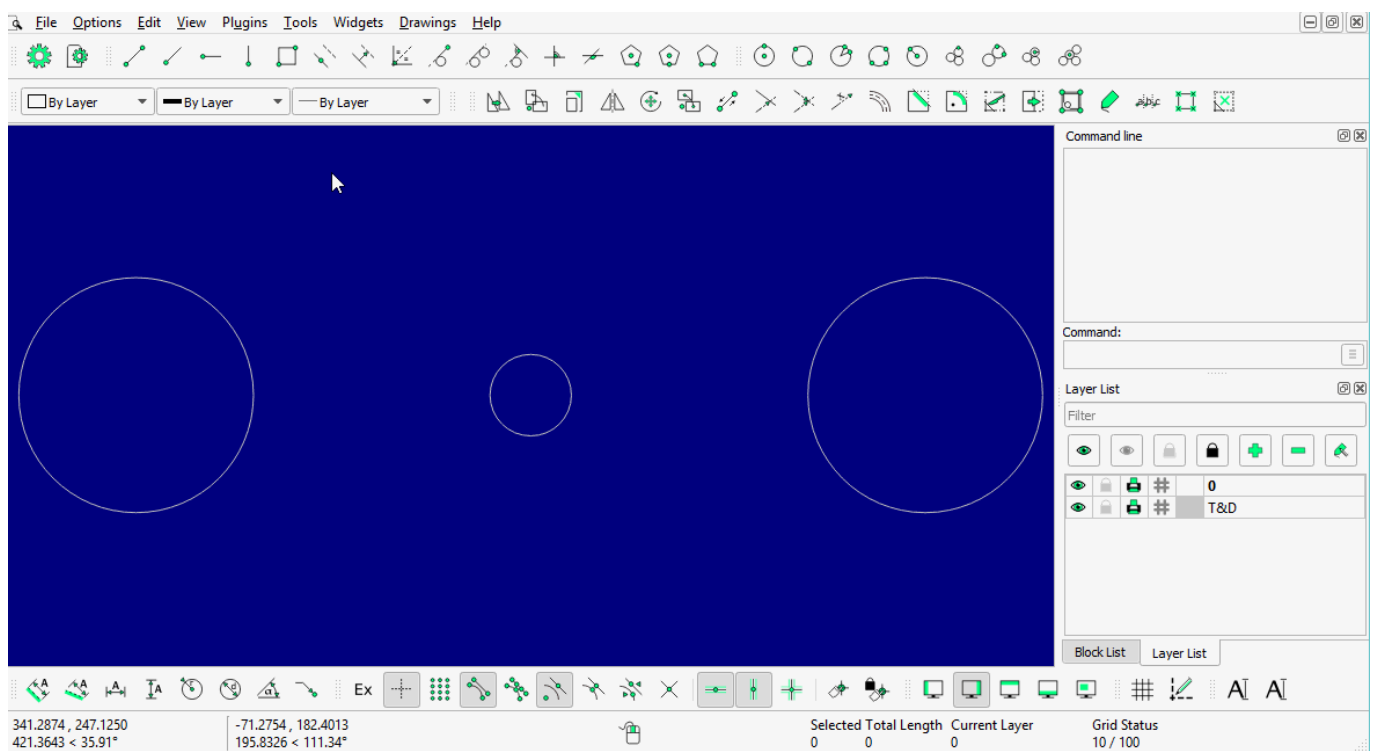
LINE: Bisector



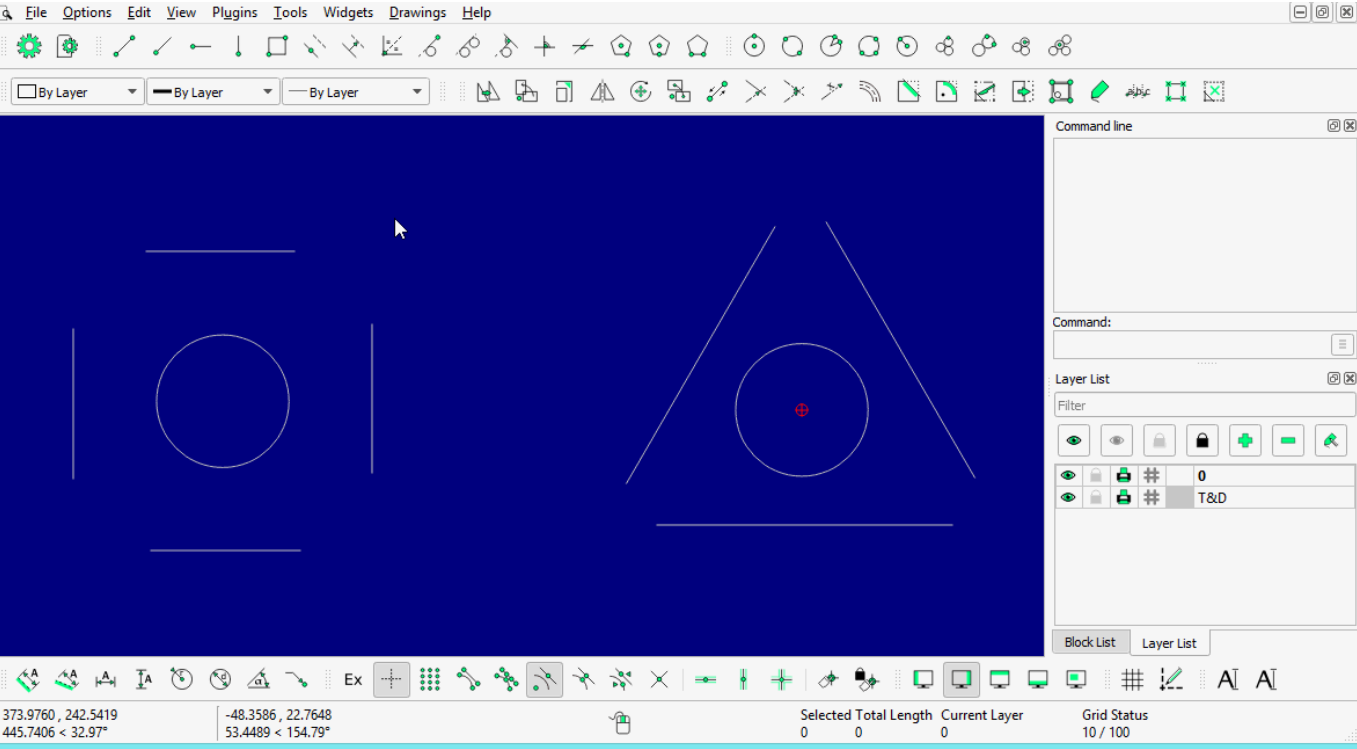
LINE: Tangent (P,C)



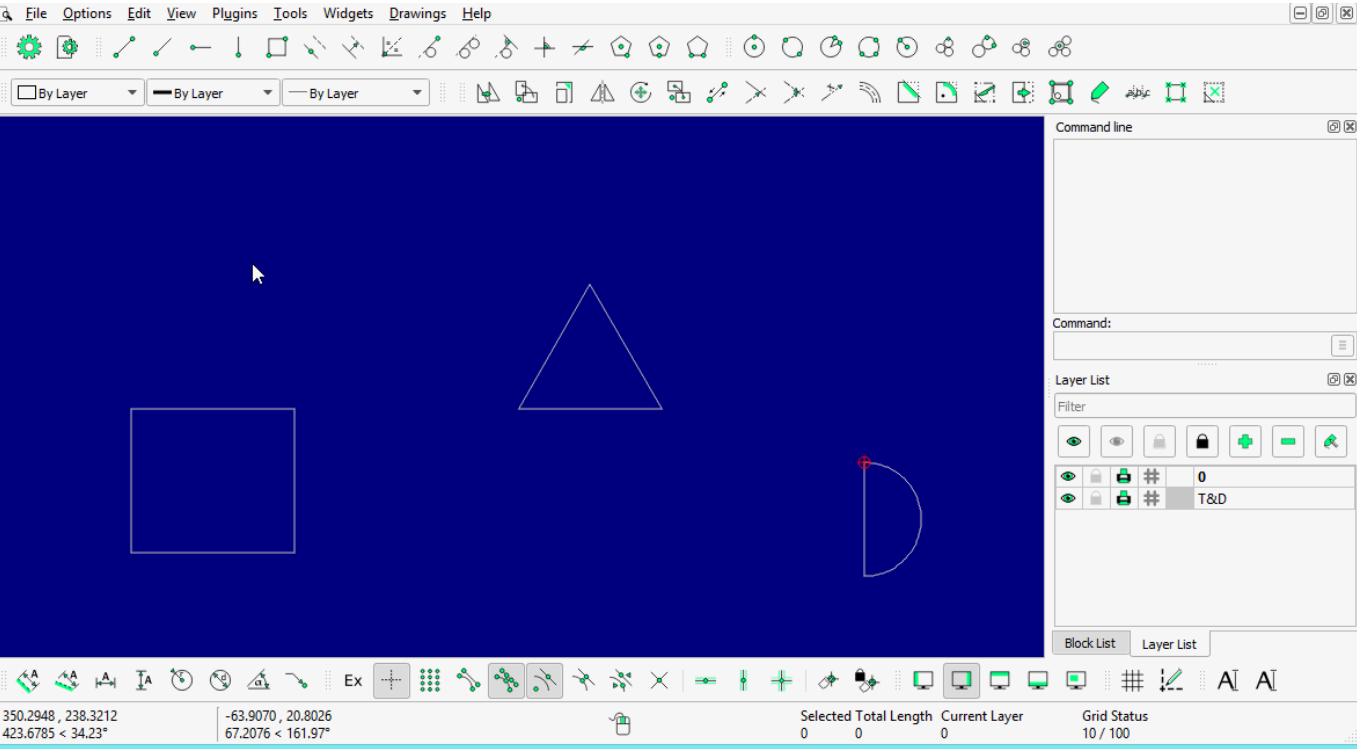
## LINE: Tangent (C,C)



## LINE: Tangent Orthogonal

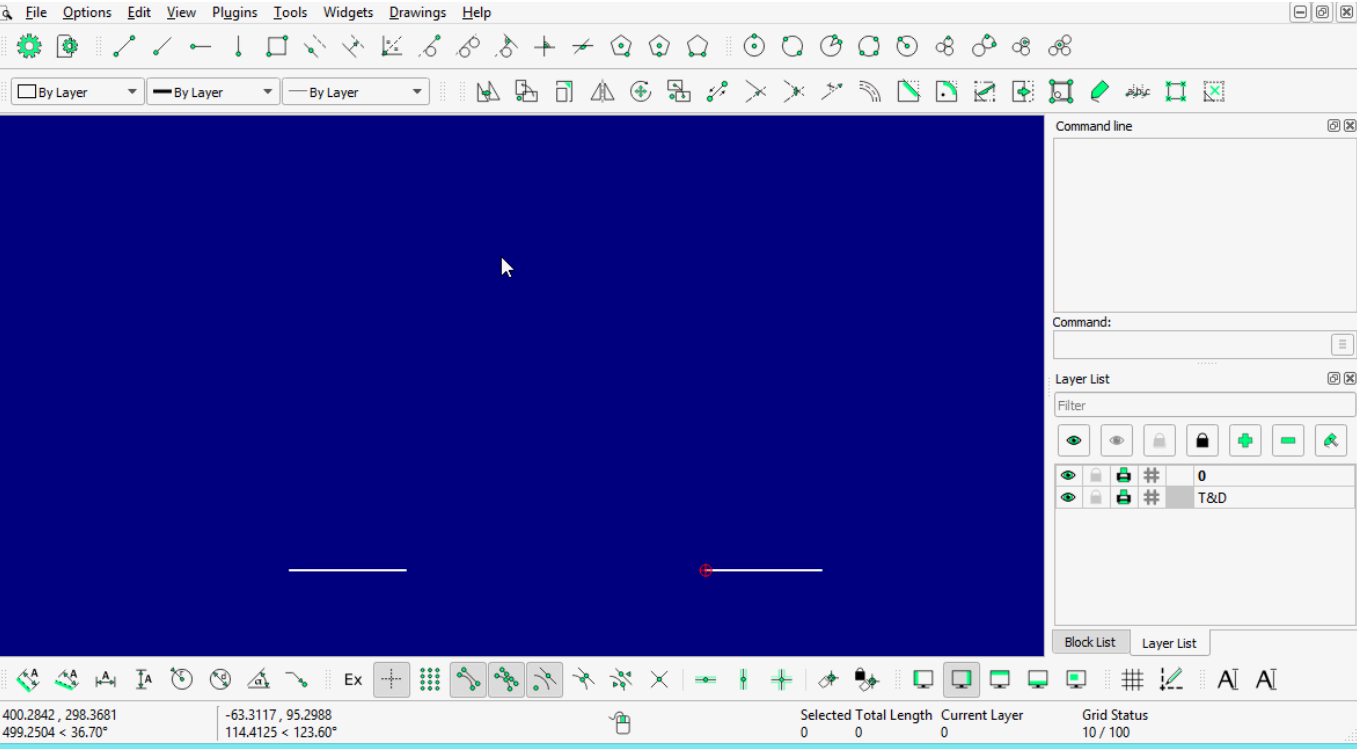


LINE: Orthogonal

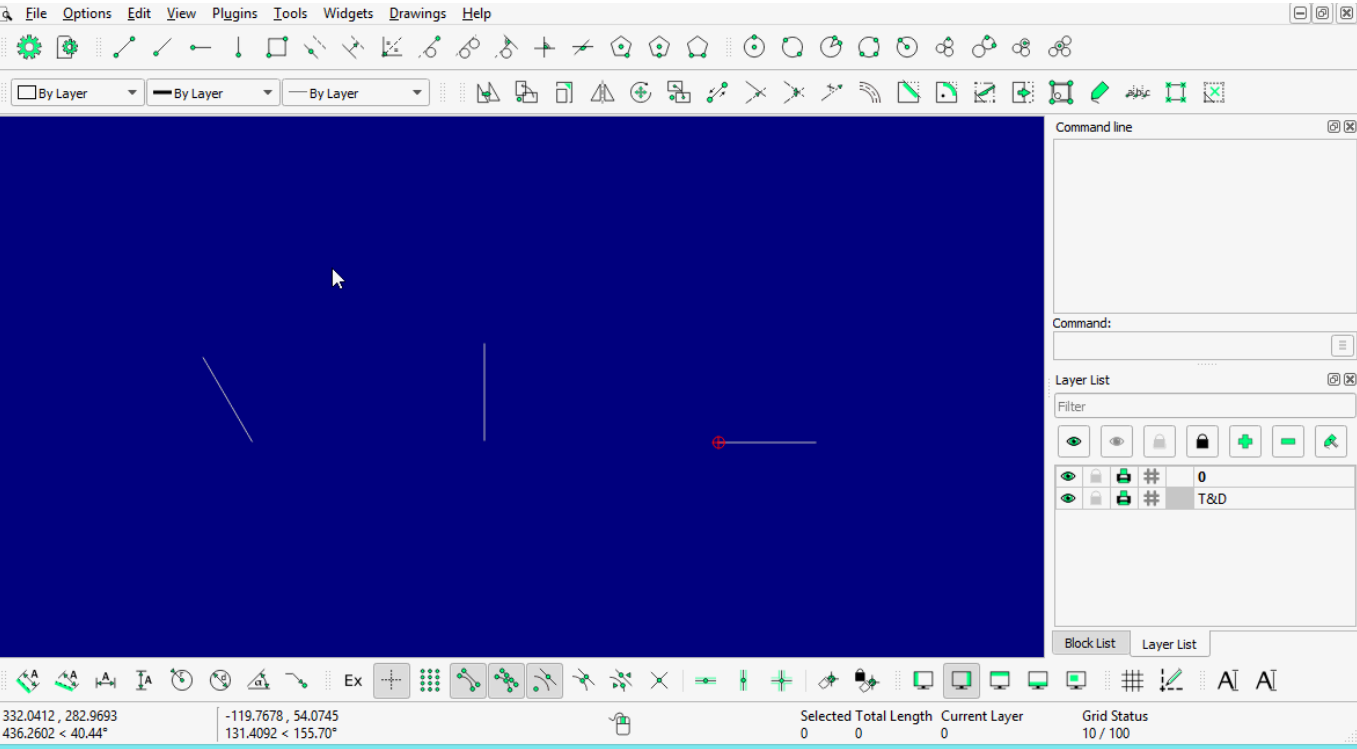


LINE: Relative Angle





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



Circle

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