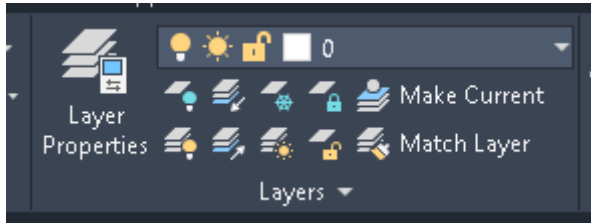
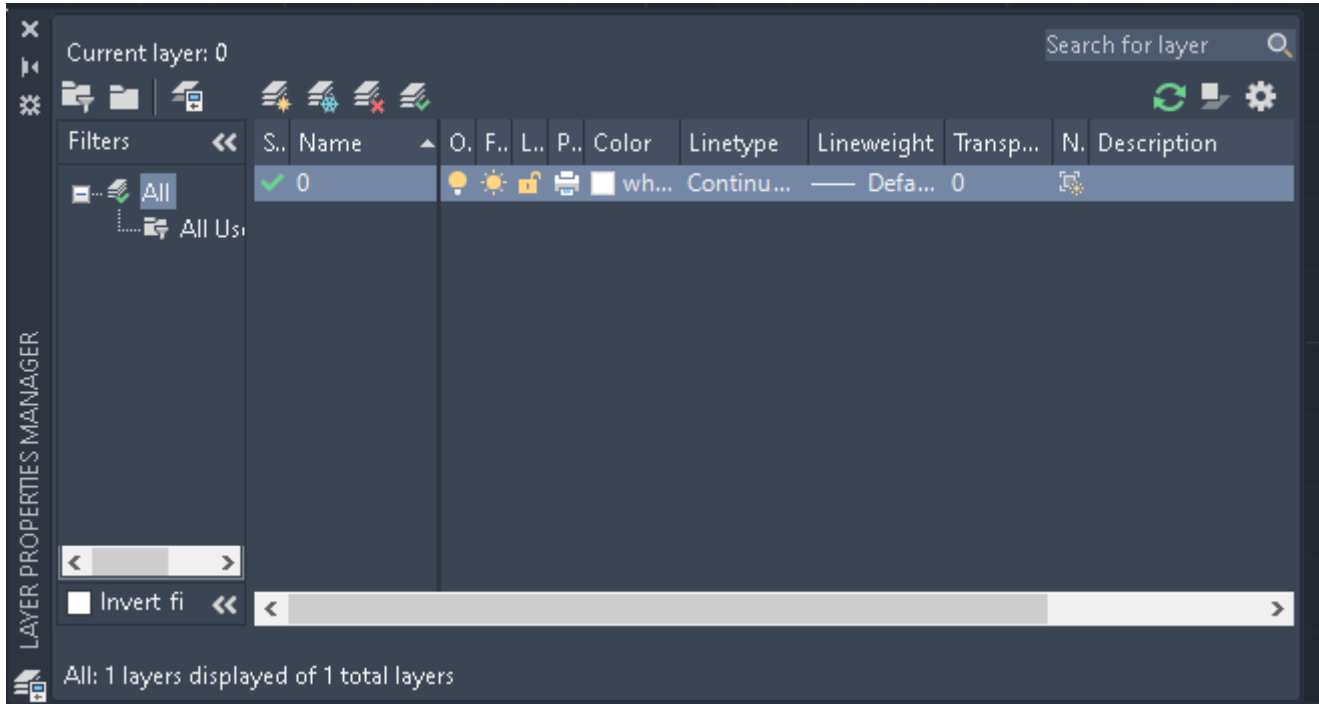


Setting up Layers

- Next we will look at setting up the LAYERS for our drawings. This needs to be done for each drawing before you start drawing anything.



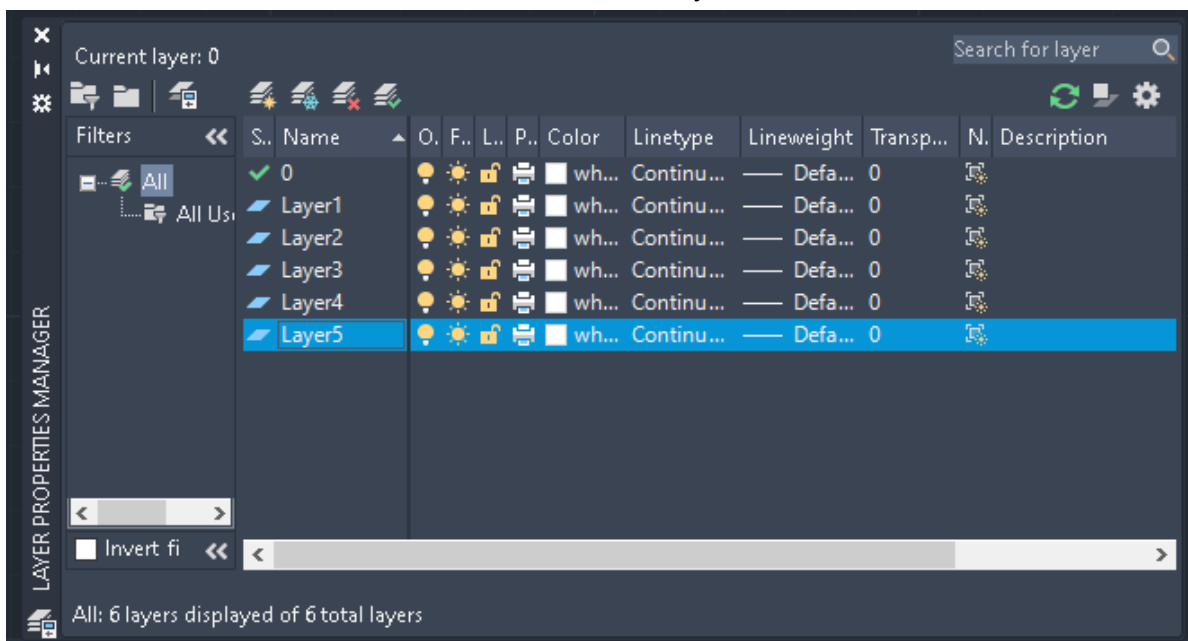
On your top ribbon, click on LAYER PROPERTIES. This will open the following window.



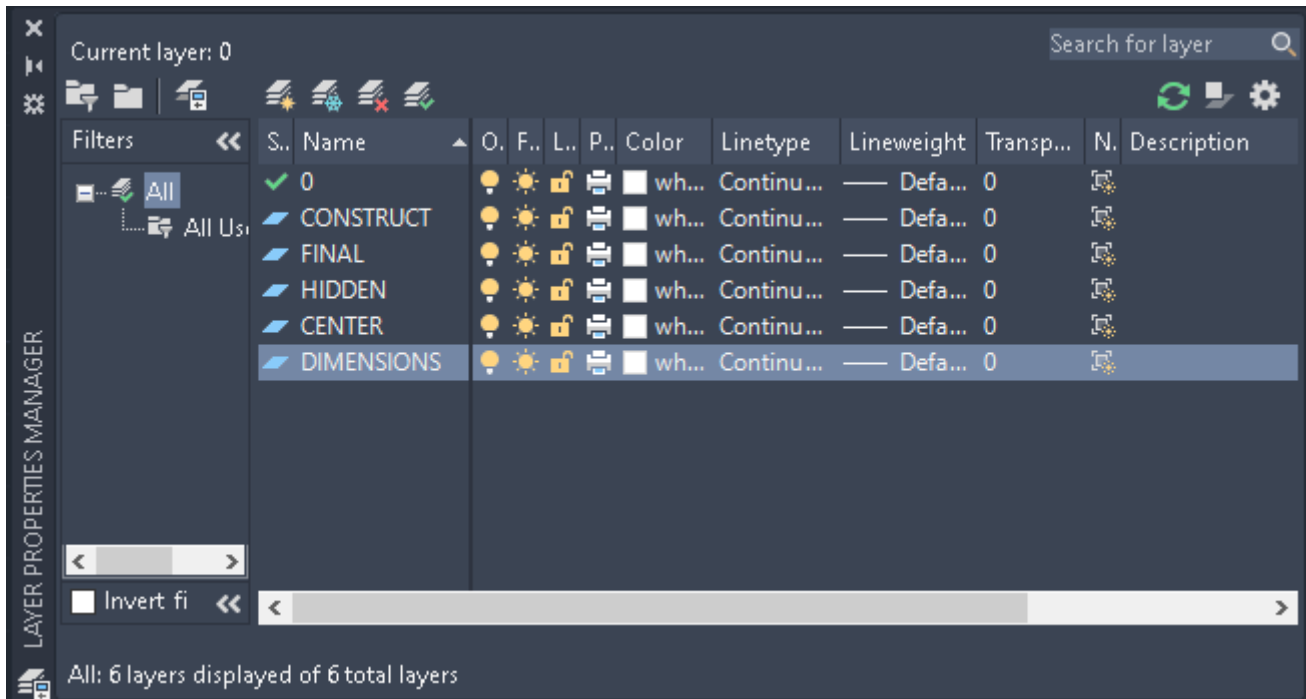
As we can see, there is only one layer at the moment. This is layer 0. You cant remove this layer. To add more layers we need to click on the NEW LAYER button.



This button is at the top of the layer properties window. It is the button with the little yellow star. The other three buttons are FROZEN VIEW LAYER, DELETE LAYER and SET CURRENT LAYER. We will click on the NEW LAYER button 5 times. This will create 5 new layers which we will have to rename.

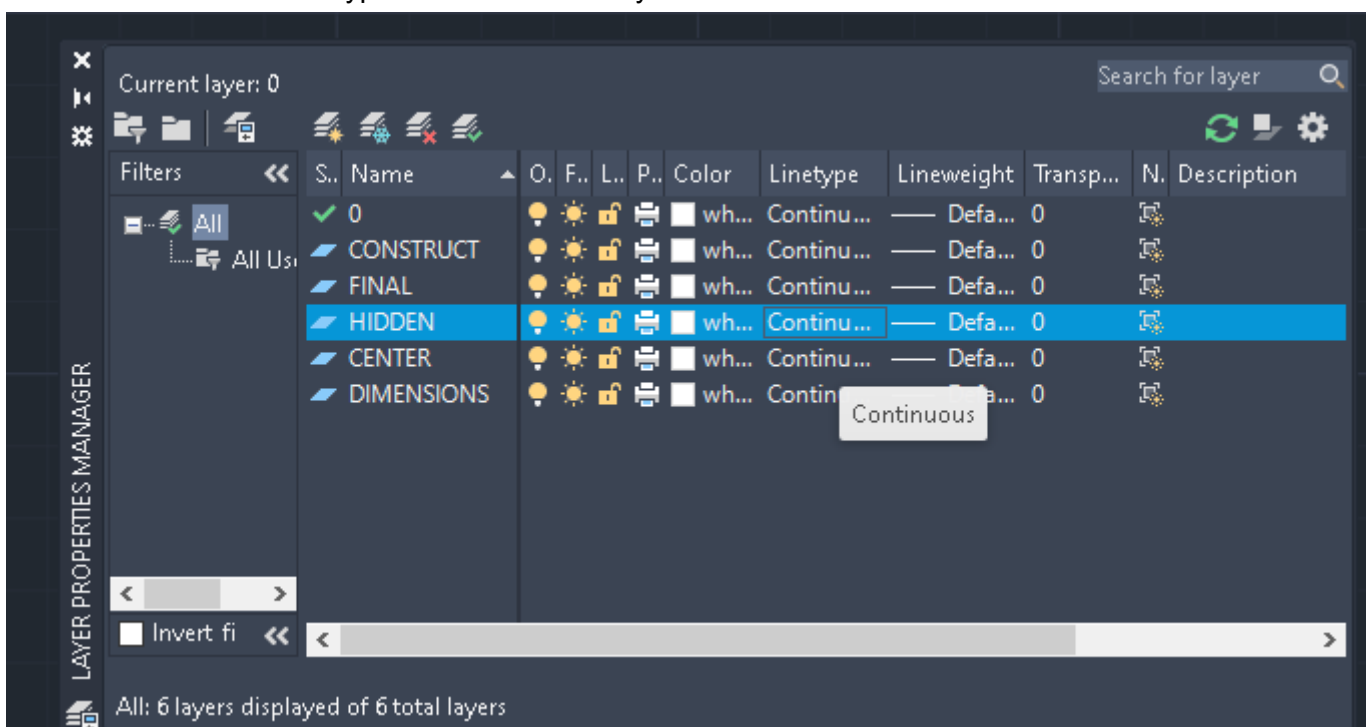


- To rename a layer, LEFT CLICK on the name of the layer once, pause for a second, then click again. This will allow you to edit the layer name. Alternatively, you can RIGHT CLICK on a layer and select RENAME LAYER. Do this to all five layers, and give them the same names as the image below.

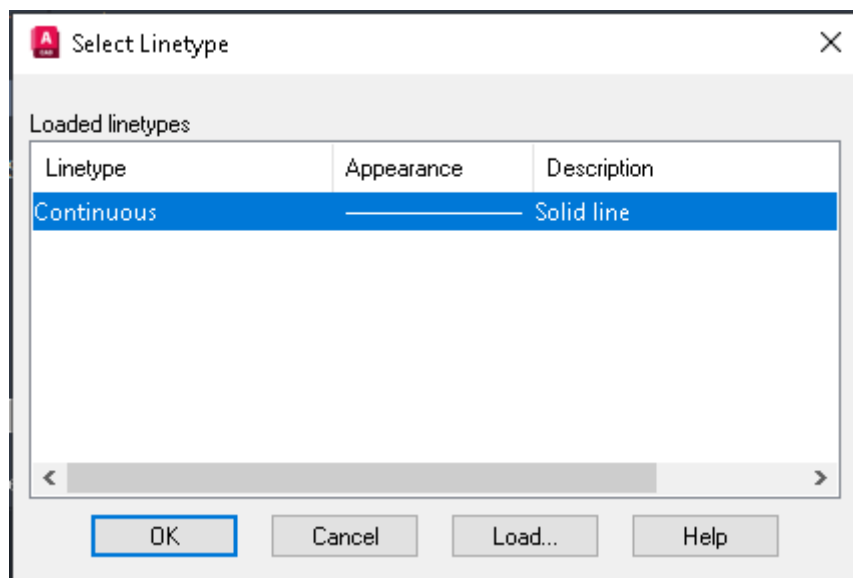


- You will notice that in the LAYER PROPERTIES MANAGER you can see many icons and details about each layer. From the left to right, these icons are the BULB, which allows you to turn a layer on or off. The SUN, which allows you to freeze or unfreeze a layer. Freezing basically makes the layer locked in place. Next you have the PADLOCK, which locks a layer down, preventing it from being selected at all. Then there is the PRINT icon, which allows you to set the printing rights to each layer. Then you have the COLOR box. By clicking on this box you can select the color of each layer. I would recommend you leave the FINAL layer white, but change all the other layers. Pick bright colors. Next we have the LINETYPE, which allows us to select a different linetype for each layer. Next up is the LINEWEIGHT, which allows us to determine a layers line thickness. The TRANSPARENT property is next, and the default is 0. Those are the important Layer settings.

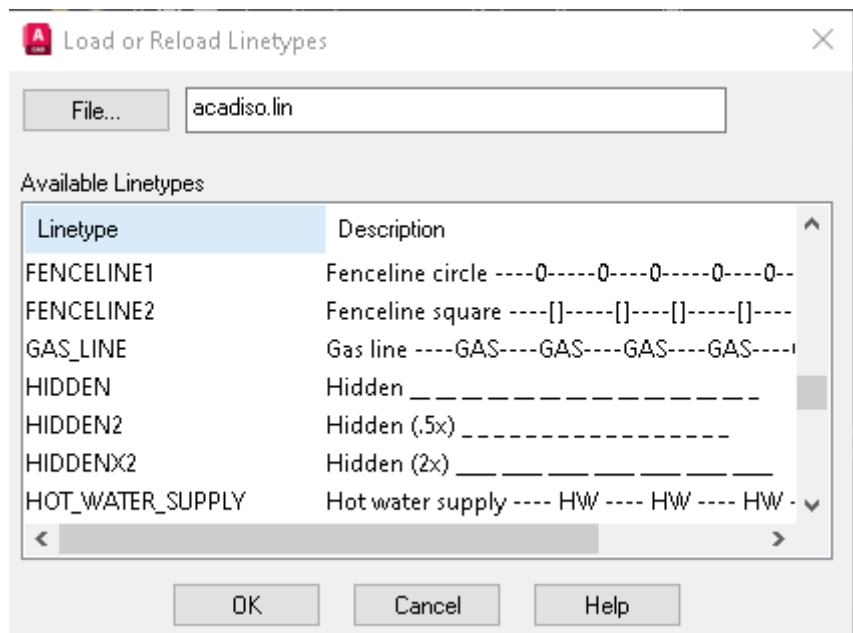
Next we have to set the LINETYPES for both the HIDDEN and CENTER layer. To do this, click on the word CONTINUOUS under linetype for the HIDDEN layer.



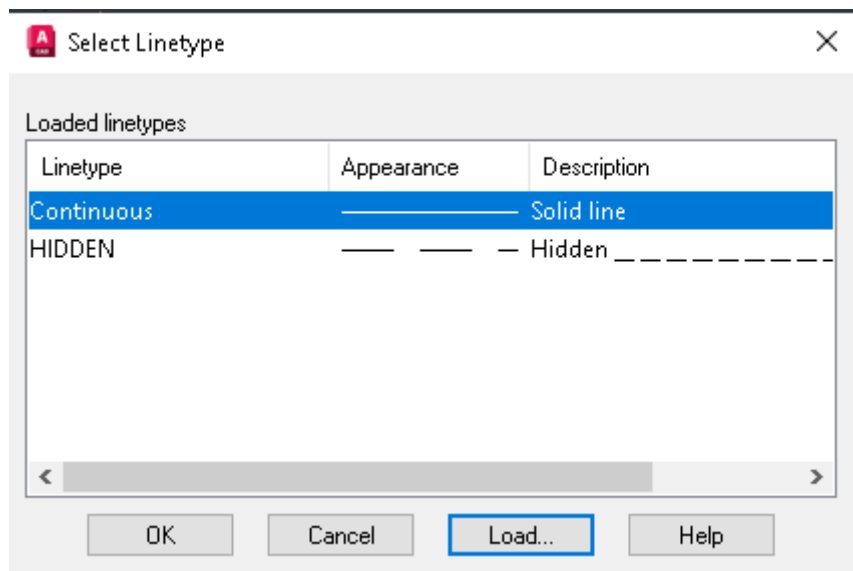
This will open up the LINETYPE window.



Click on LOAD... at the bottom.

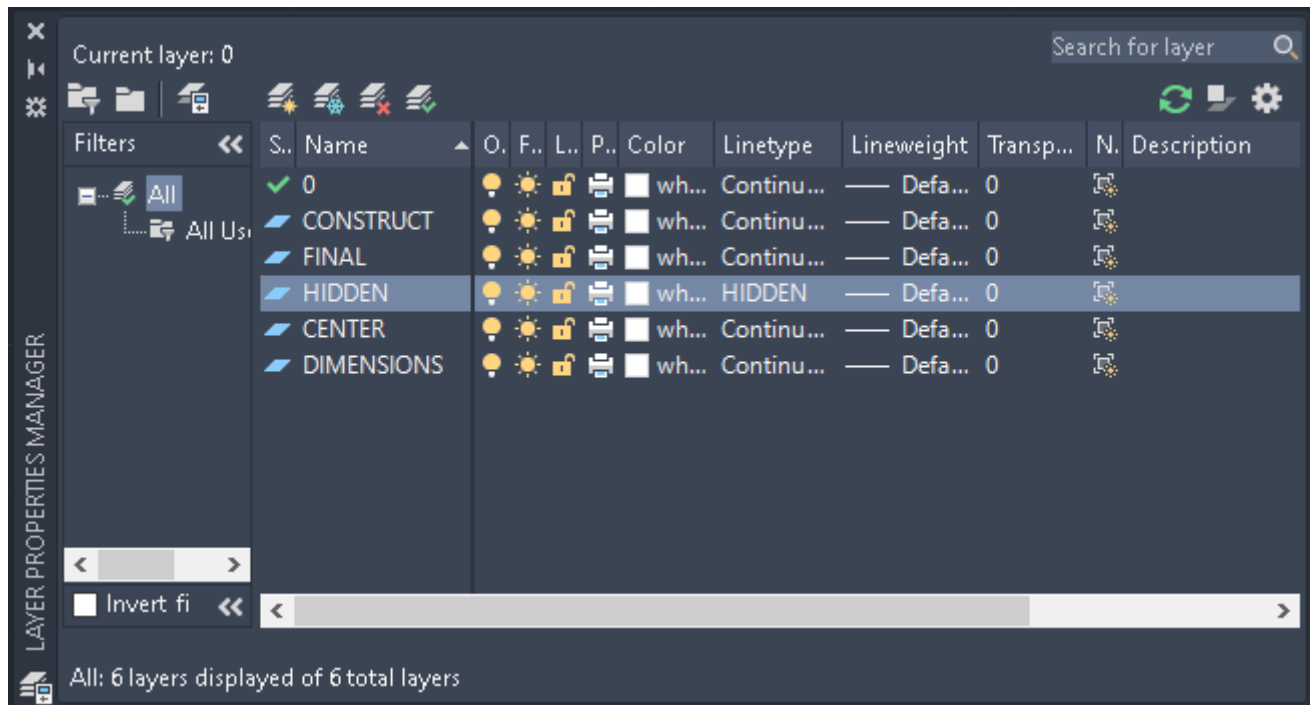


Scroll down, and select HIDDEN, and press OK.

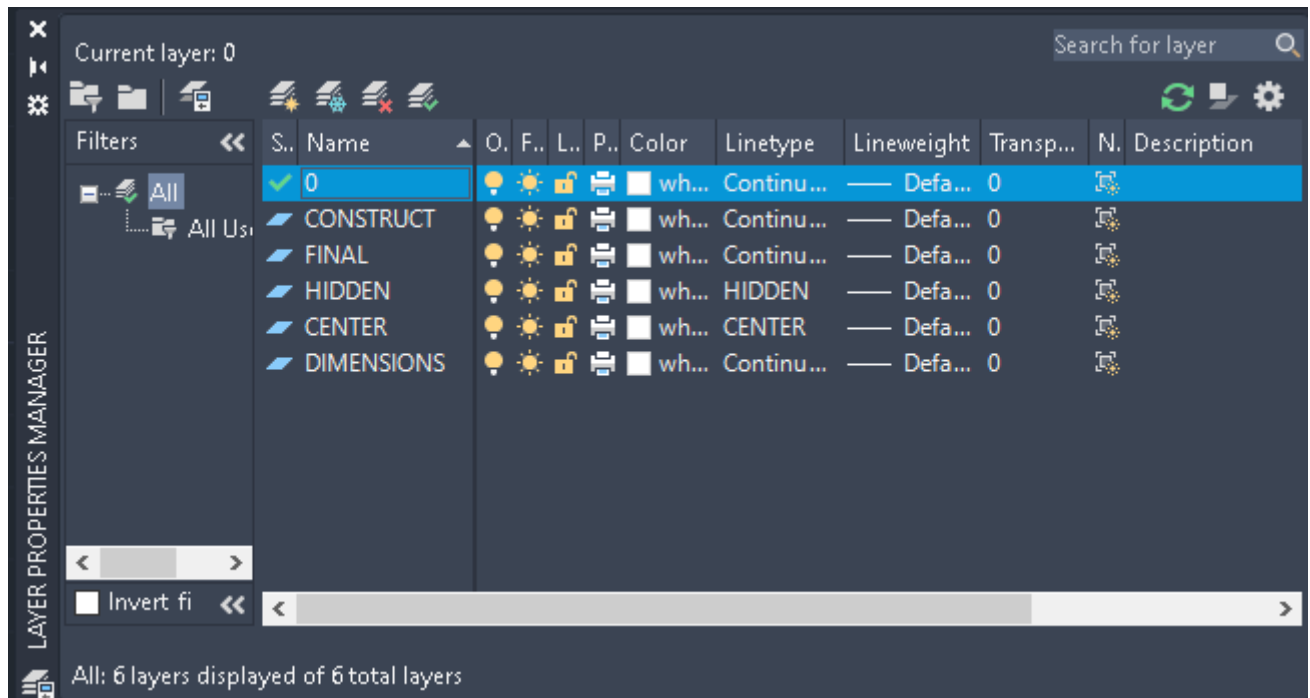


Now select HIDDEN again, and press OK again.

- You will now notice the linetype for the HIDDEN layer has changed to HIDDEN.



You need to repeat the steps to change a linetype for the CENTER layer as well. At the end, your layer properties manager should look like this :



- Remember to pick colors for your layers apart from the FINAL layer.

Now we are ready to DRAW.