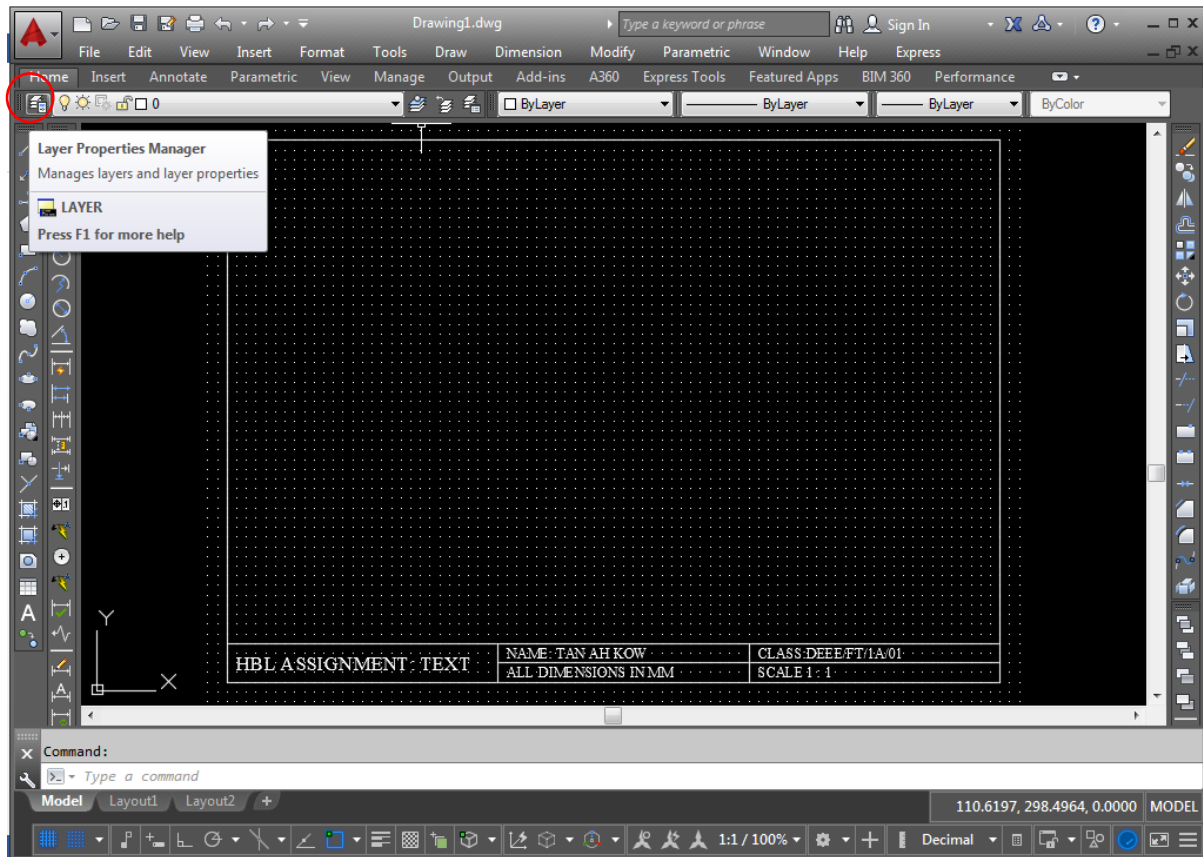
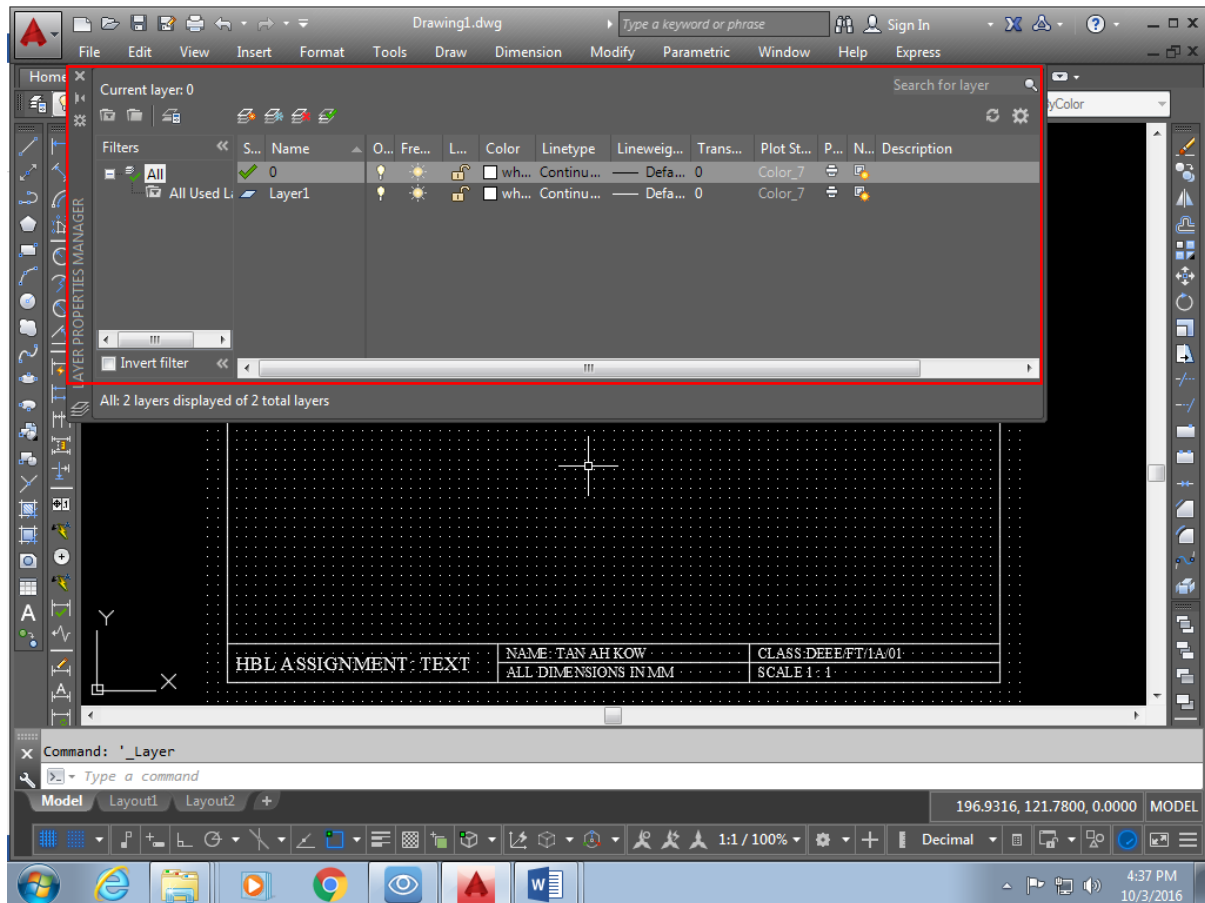


## CREATING LAYERS IN AUTOCAD DRAWINGS

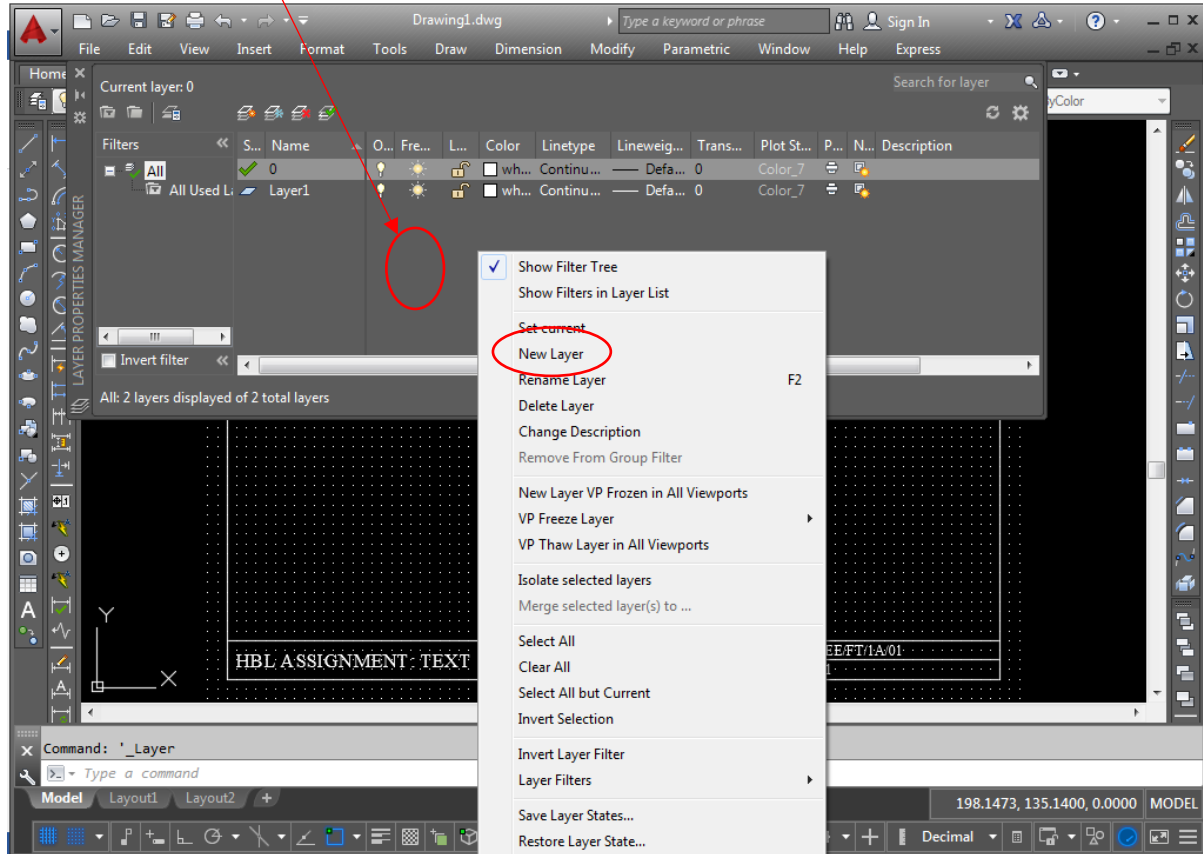


**Fig 1.1-** Click the **Layer Properties Manager** icon circled in red.

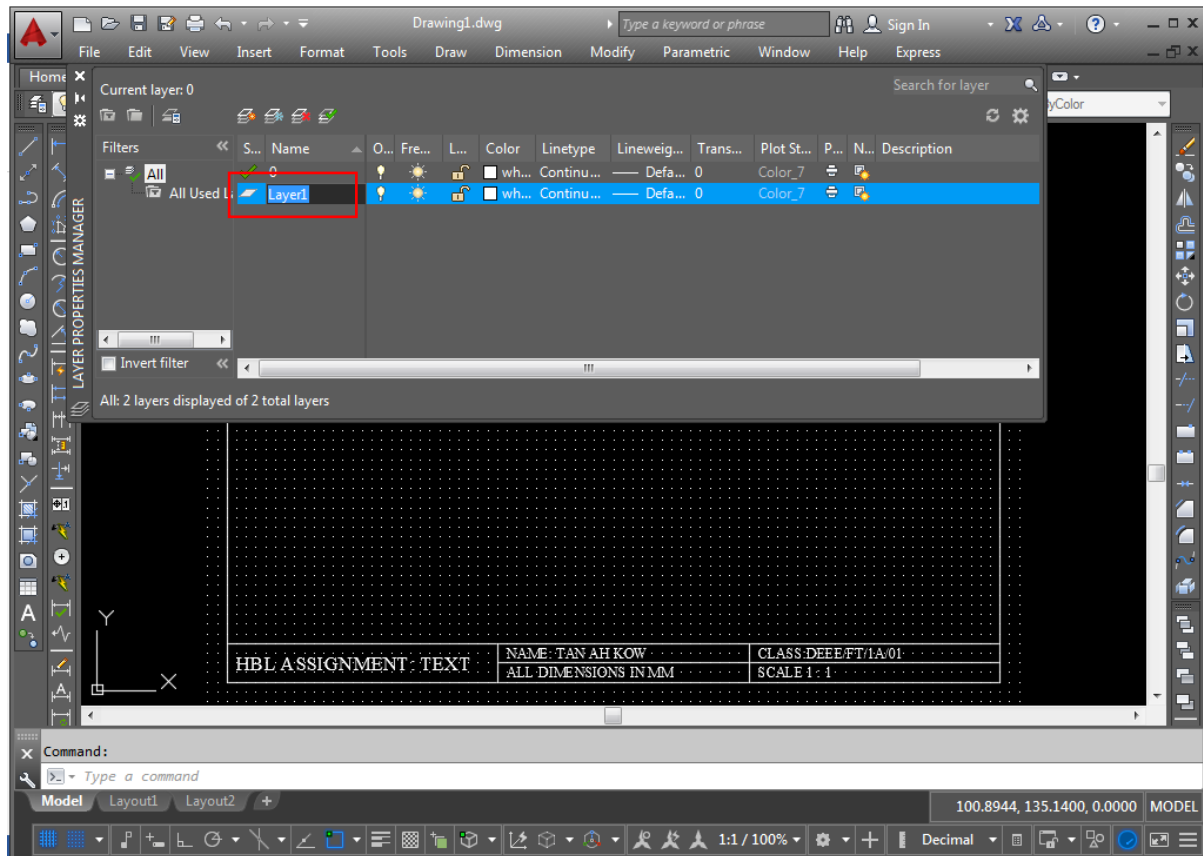


**Fig 1.2-** Layer Properties manager **Dialog box** appears.

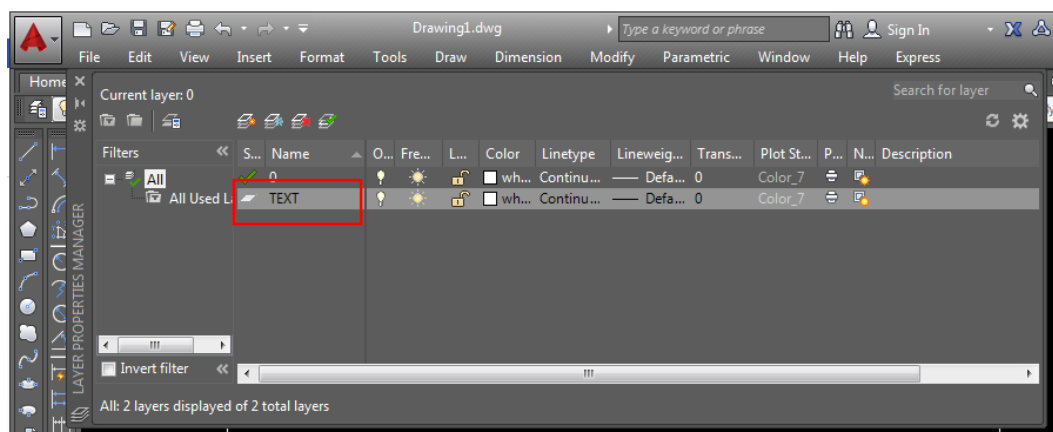
Right click in this empty space and dialog box appears on the right



**Fig 1.3- Right click** empty space as shown and click **New Layer** in dialog box.



**Fig 1.5-** A new layer labelled Layer1 appears. Change the name layer1 to TEXT by typing on it.



**Fig 1.6-** A layer named TEXT is created.

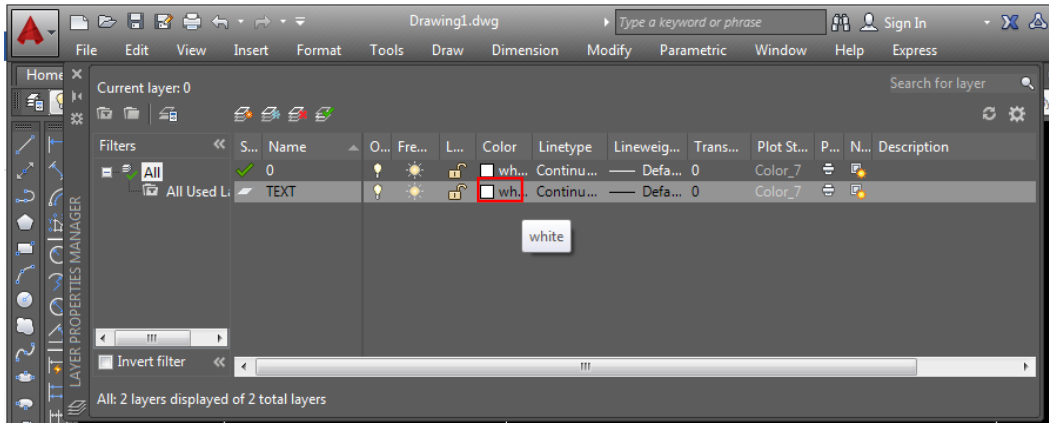


Fig 1.7- Change the colour of **TEXT Layer to Magenta** by clicking onto the white box.

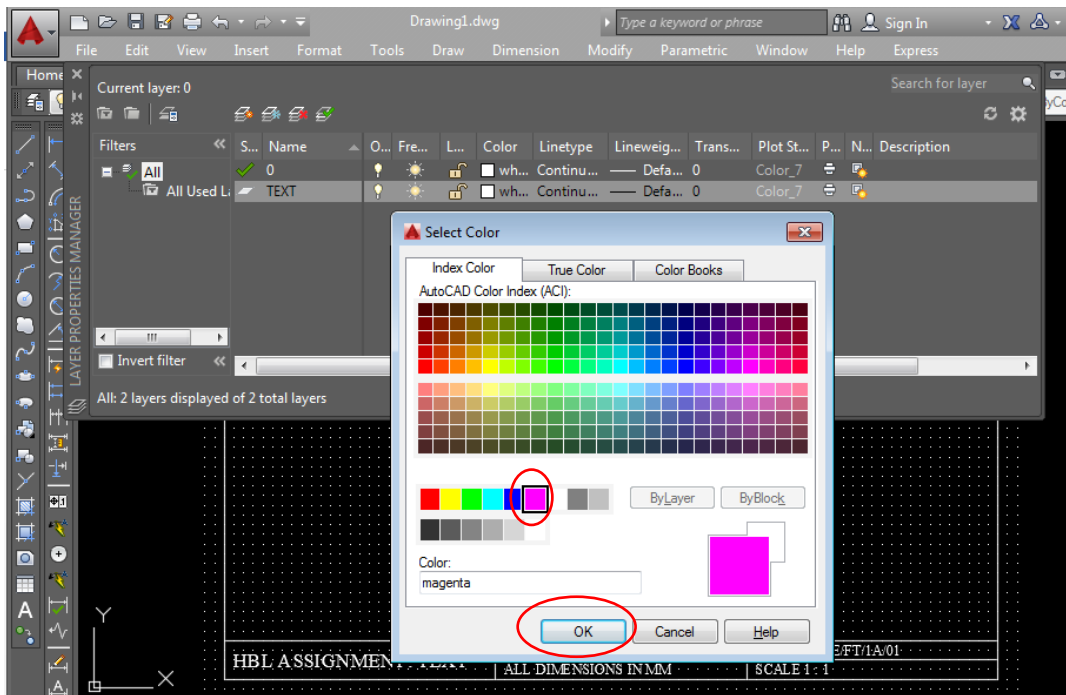
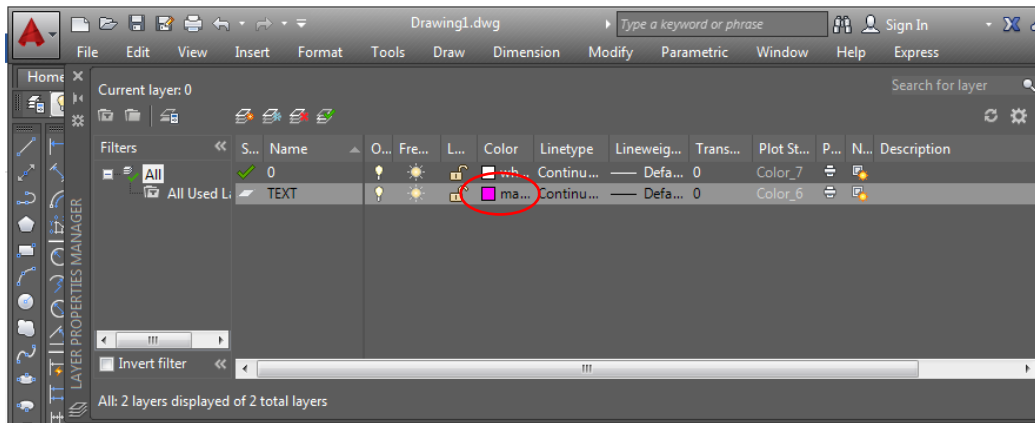


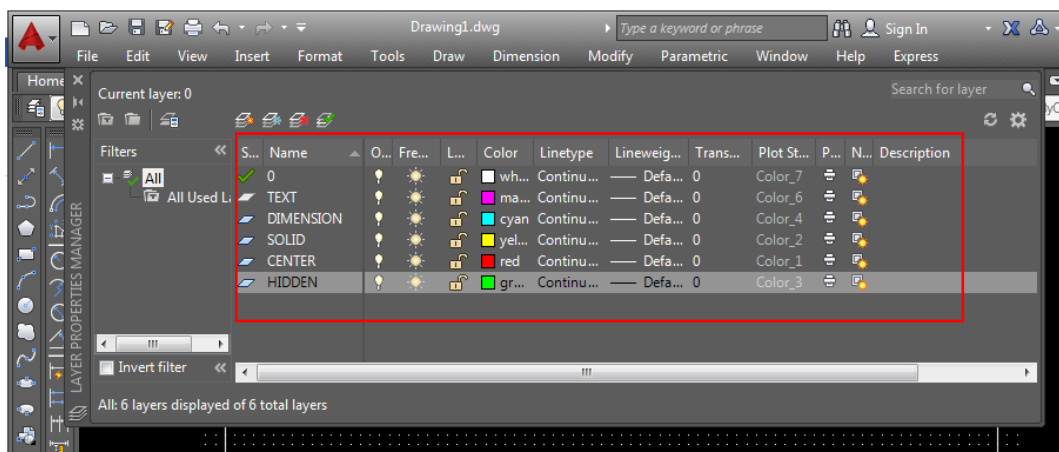
Fig 1.8- Colour Dialog box appears. Click Magenta and click OK.



**Fig 1.9-** The layer **TEXT** is now assigned with colour **Magenta**.

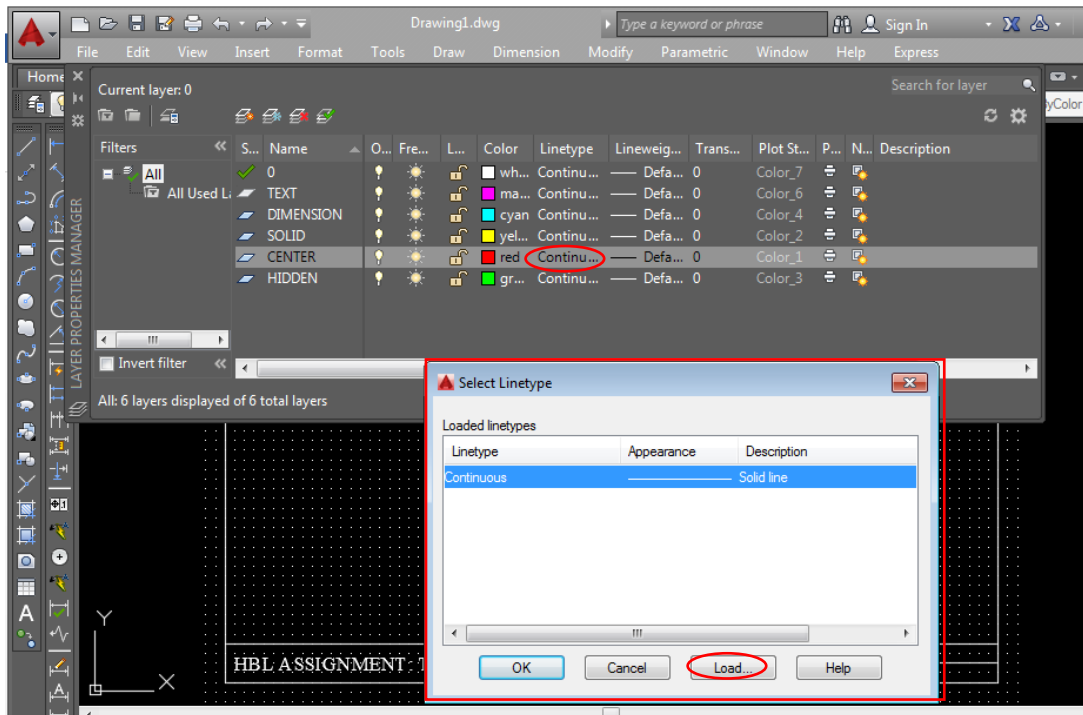
Create layers for the following using the same procedure as TEXT.

LAYER NAME	COLOUR
DIMENSION	CYAN
SOLID	YELLOW
CENTER	RED
HIDDEN	GREEN

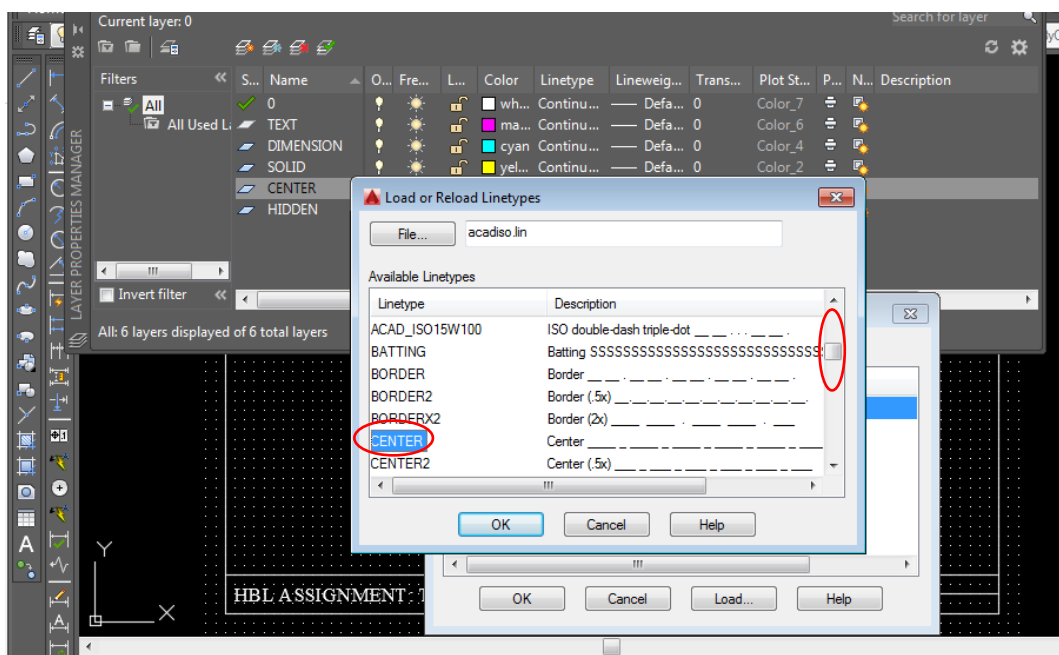


**Fig 1.10-** Total of **5 new layers** are **created** on top of the **default layer '0'**. These layers will be useful in **drawing efficiently and productively** by **turning layer on or off, lock, linetype, lineweight, etc.**

E.g. The procedure below change linetype from continuous solid line into Centre Line or Hidden Line.



**Fig 1.11-** Move cursor to **Continuous** & click on it in row **CENTRE**. Dialog box to change linetype appears. Then click **Load** in dialog box.



**Fig1.12-** Move slider down and click **CENTER** and **OK**.

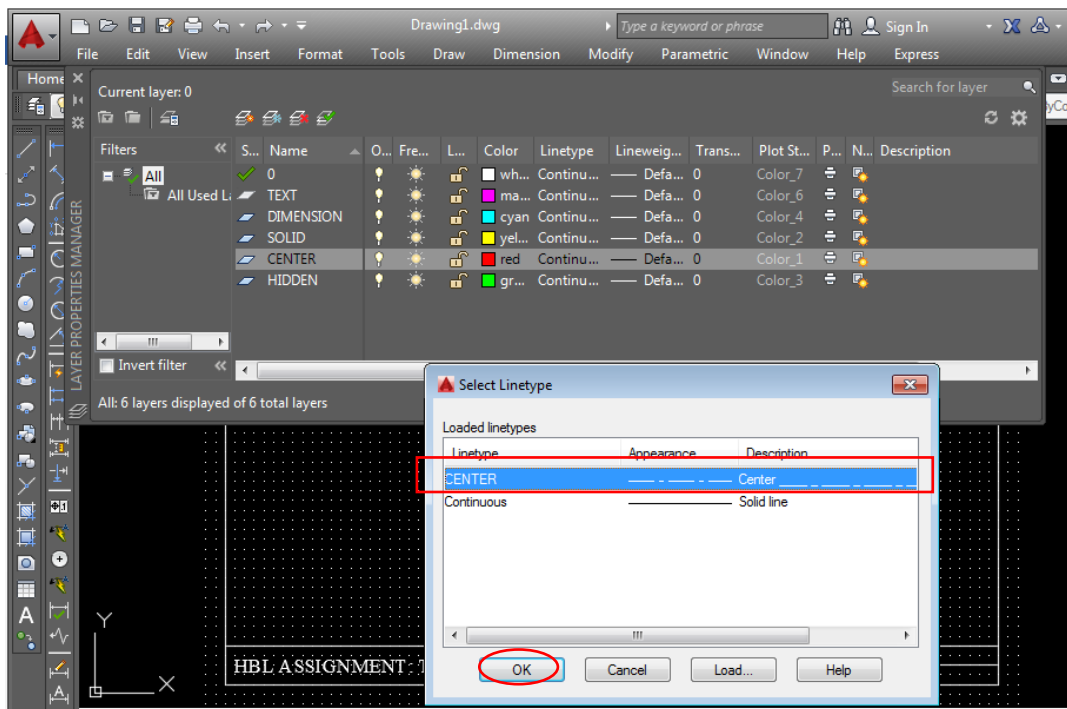
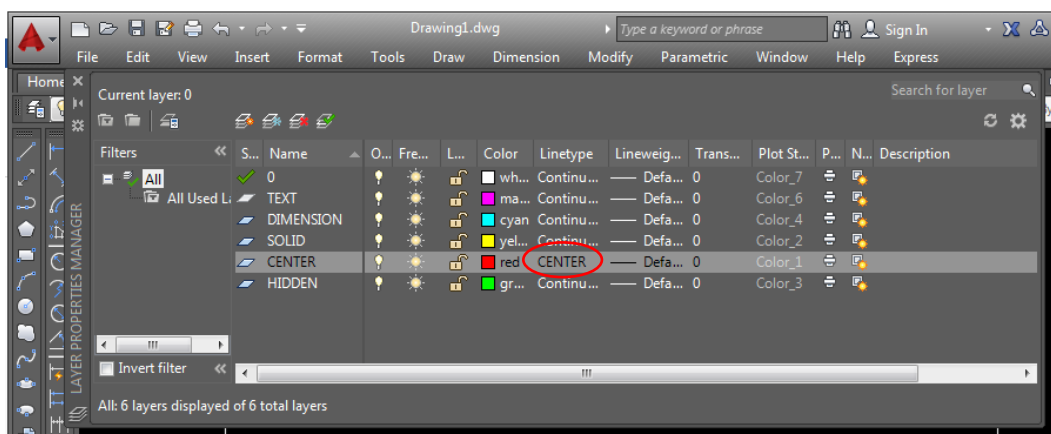


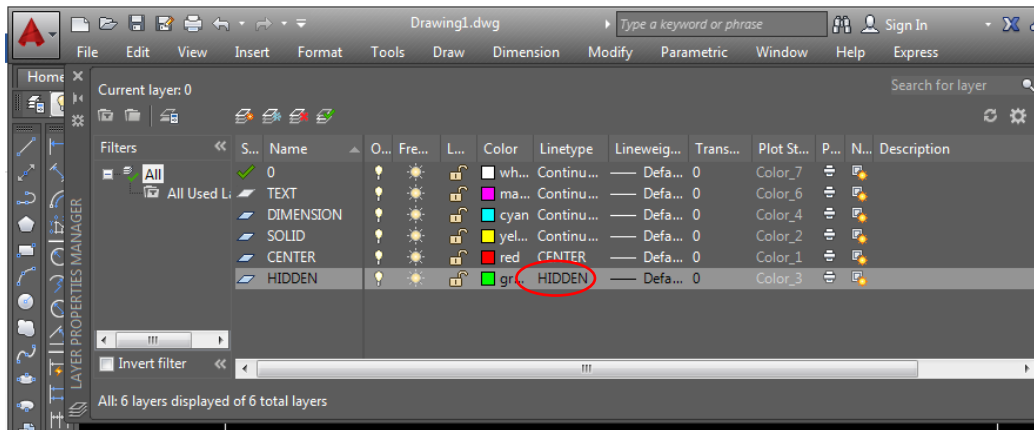
Fig1.13- Select **Linetype** dialog box appears. Click **CENTER** and **OK**.



**Fig 1.14- Linetype** is now changed to **CENTER**.

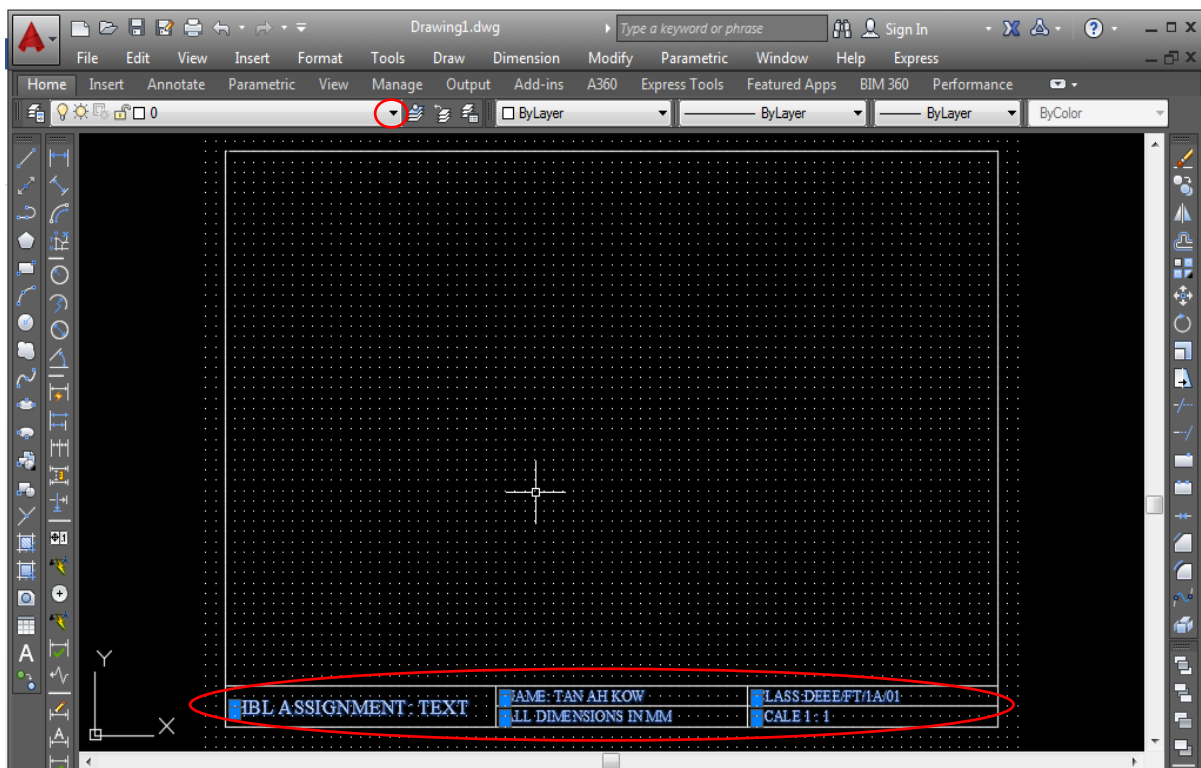
Similarly, change linetype to **hidden** in row **HIDDEN** using the **same procedure** as in changing **Center** linetype.



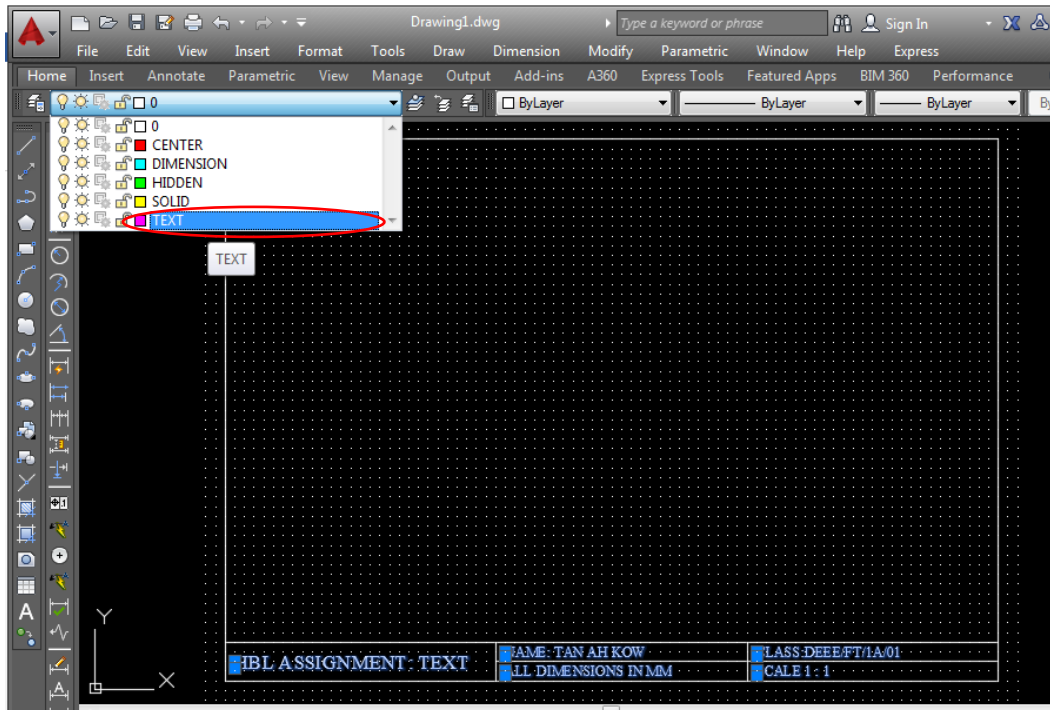


**Fig 1.15- Linetype is changed to HIDDEN.**

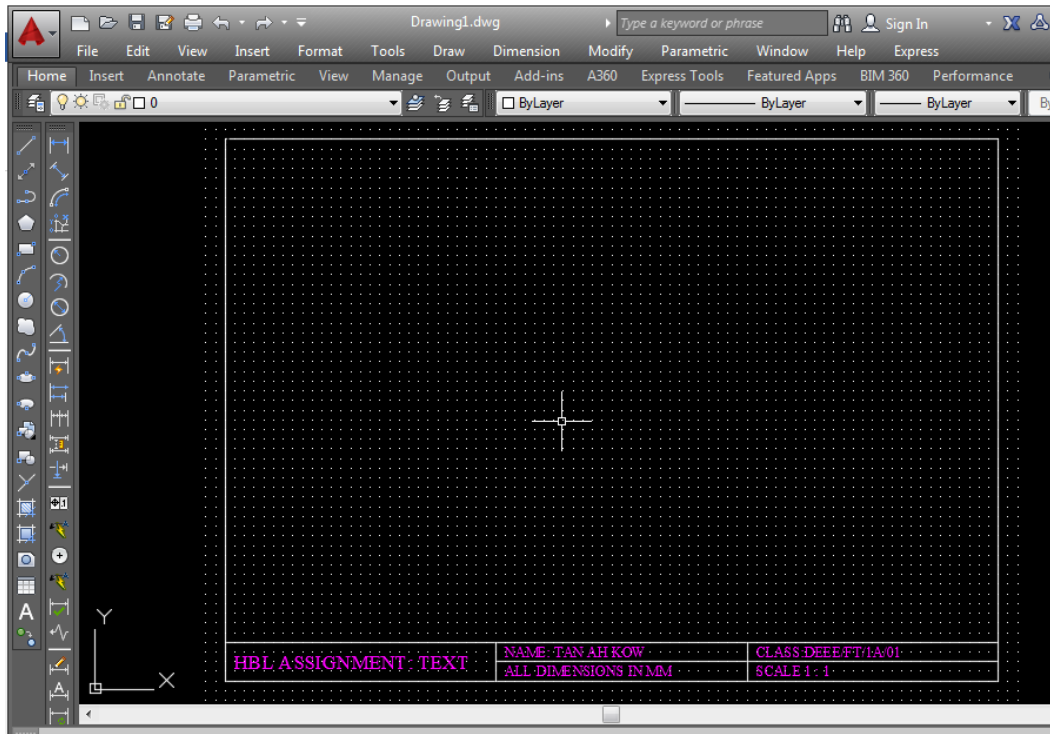
E.g. To **export Text** in Title Block created **under Layer 0** previously to **Layer TEXT**, do as follows:



**Fig 1.16- click on all the text in Title block. Then click layer menu arrow down as circled in red.**



**Fig 1.17-** Click **TEXT** in pull-down Dialog box. Then enter in keyboard.



**Fig 1.18-** The text in Title block will be exported to Layer **TEXT** and coloured **Magenta**.