CREATING LAYERS IN AUTOCAD DRAWINGS

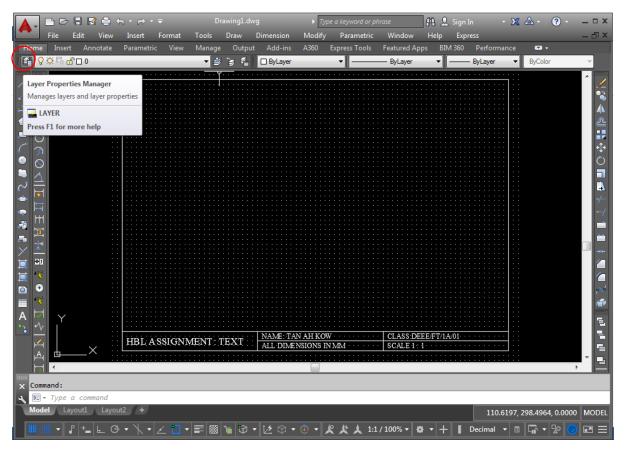


Fig 1.1- Click the Layer Properties Manager icon circled in red.

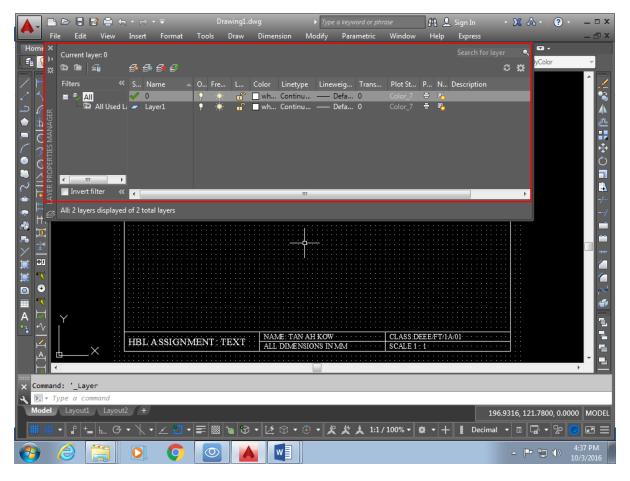


Fig 1.2- Layer Properties manager Dialog box appears.

dialog box appears on the right A Sign In Insert Format Tools Draw Dimension ಐ ☆ Show Filter Tree Show Filters in Layer List ☐ Invert filter 《 ✓ New Layer Rename Layer F2 Delete Layer Change Description Remove From Group Filter New Layer VP Frozen in All Viewports VP Freeze Layer VP Thaw Layer in All Viewports 0 IIII A Isolate selected layers Merge selected layer(s) to ... Select All E/FT/1:A/01 HBL ASSIGNMENT: TEXT Clear All Select All but Current Invert Selection Command: '_Layer Invert Layer Filter Layer Filters 198.1473, 135.1400, 0.0000 MODEL Save Layer States... ▼ 🕂 🛛 Decimal 🔻 🖫 🕝 🗸 🖃 🚍 Restore Layer State...

Right click in this empty space and

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

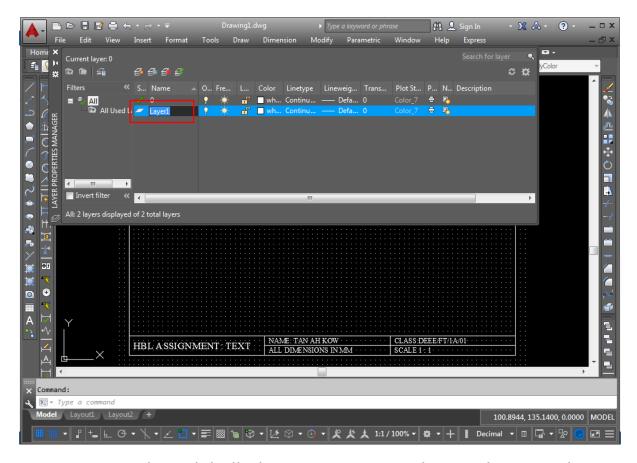


Fig 1.5- A new layer labelled Layer1 appears. Change the name layer1 to TEXT by typing on it.

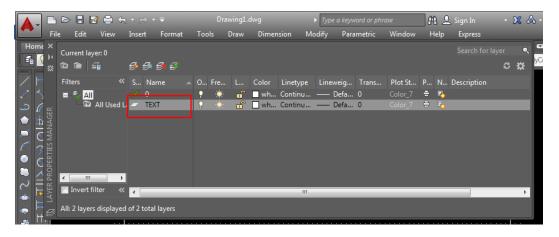


Fig 1.6- A layer named TEXT is created.

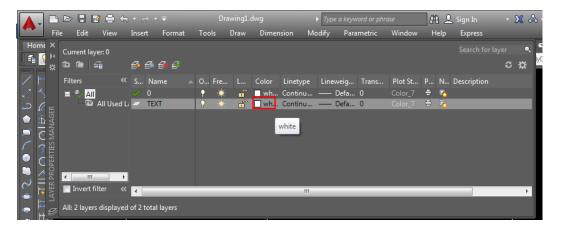


Fig 1.7- Change the colour of **TEXT Layer to Magenta** by clicking onto the white box.

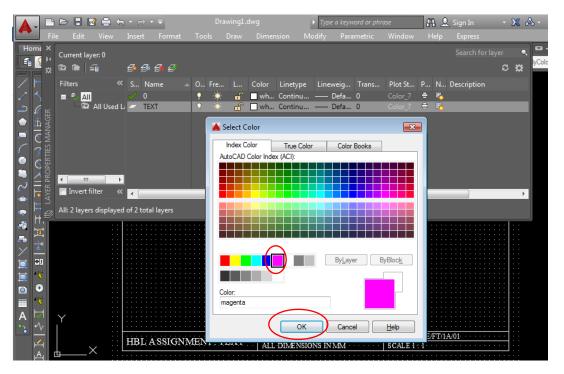


Fig 1.8- Colour Dialog box appears. Click Magenta and click OK.

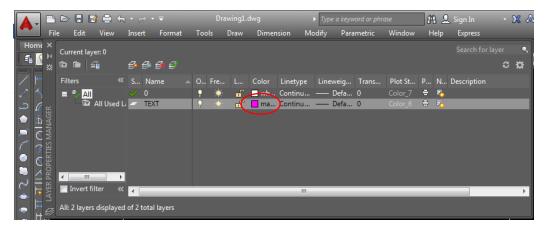


Fig 1.9- The layer TEXT is now assigned with colour Magenta.

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

LAYER NAME	COLOUR
DIMENSION	CYAN
SOLID	YELLOW
CENTER	RED
HIDDEN	GREEN

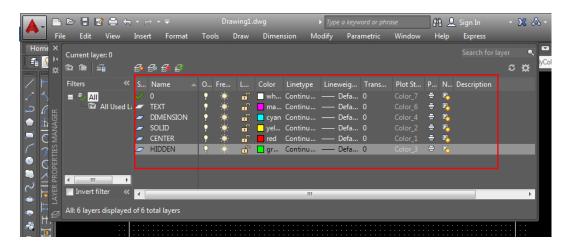


Fig 1.10- Total of 5 new layers are created on top of the default layer '0'. These layers will be useful in drawing efficiently and productively by turning layer on or off, lock, linetype, lineweight, etc.

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

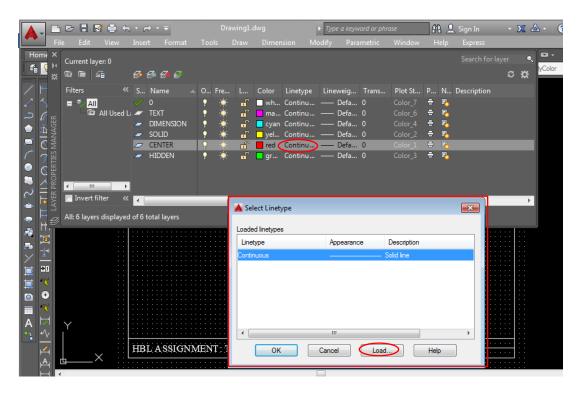


Fig 1.11- Move cursor to **Continuous** & click on it in row **CENTRE. Dialog box** to change **linetype** appears. Then click **Load** in dialog box.

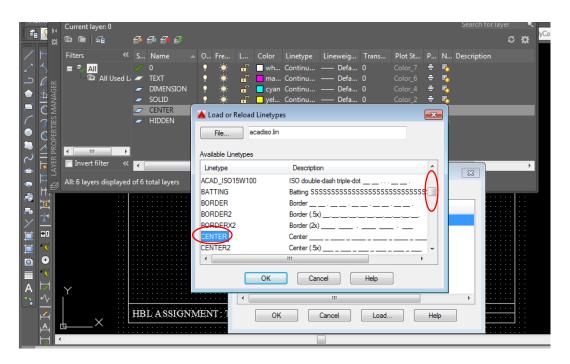


Fig1.12- Move slider down and click CENTER and OK.

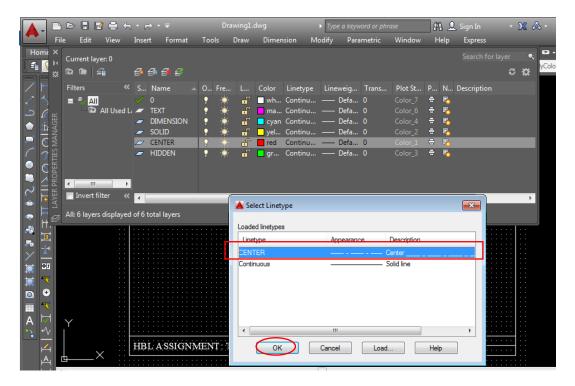


Fig1.13- Select Linetype dialog box appears. Click CENTER and OK.

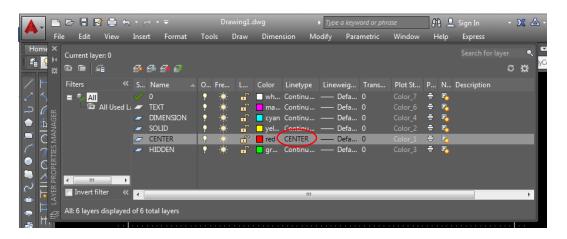


Fig 1.14- Linetype is now changed to CENTER.

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

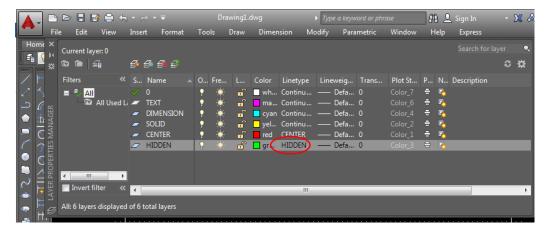


Fig 1.15- Linetype is changed to HIDDEN.

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

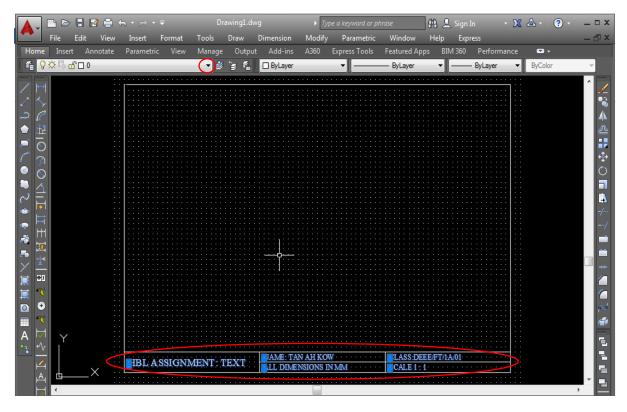


Fig 1.16- click on all the text in Title block. Then click layer menu arrow down as circled in red.

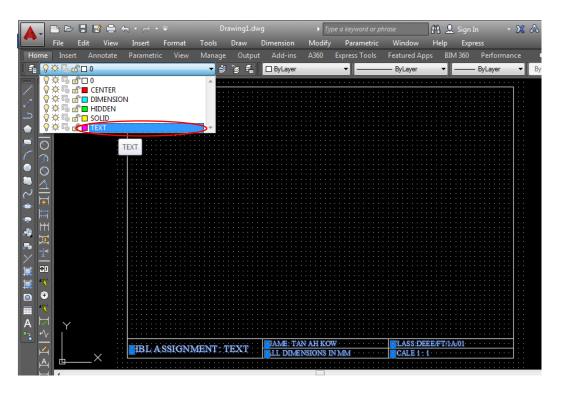


Fig 1.17- Click TEXT in pull-down Dialog box. Then enter in keyboard.

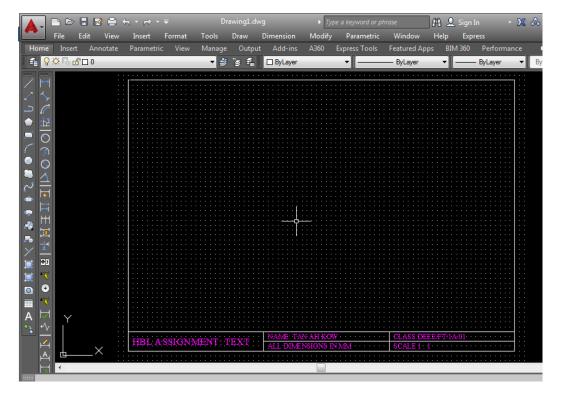


Fig 1.18- The **text in Title block** will be **exported to Layer TEXT** and coloured **Magenta**.