

Intermediate Engineering Graphics

4th Week Lecture Notes

Instructor: Edward N. Locke

Topic: About File Layout and Printing Management

Create your drawing in Model Space:

Set drawing Limits (limits, paper size, and Grid coverage) and Units (ddunits)

Create the following Layers:

- Object Thick Continuous line White
- Hidden Thin Hidden Line White
- Dimension Thin Continuous Line White
- Centerline Thin Centerline White
- Notes Thin Continuous Line White
- Construction Thin Continuous Line Cyan Not Printing

Complete the drawing (scale: 1=1)

Note: different colors can be used in the drawing; when you need to print them black, choose monochrome.ctb option in the Plot style table (pen assignments): Name pull-down menu in the Plot dialog box.

Go to Layout (Paper Space):

Create the following objects on the Layers:

- Viewport Frame
 Viewport Frame Thin Continuous Line Cyan Not Printing
- Title Block
 Title Block Thin Continuous Line White

Double-click inside the Viewport Frame to enter the Model Space and make needed changes;

Go to View>Toolbar... → Viewport toolbar: Scale text field, change the drawing scale;

Change drawing scale notation on the Title Block. Zoom tool with Scale option can be used to accomplish this task too:

Command: z ZOOM [type z, press Enter]

Specify corner of window, enter a scale factor (nX or nXP), or

[All/Center/Dynamic/Extents/Previous/Scale/Window] <real time>: s [type s, press Enter]

Enter a scale factor (nX or nXP): .5x [type a scale factor value followed by letter x, and press Enter]

Command:

Print the file.