Homework 6

Please submit your dwg and pdf file with the Operating System listed as either WIN or MAC at the end of your file names. Refer to the Final Names listed on the homework assignment below for the problem.

Problem 1: Open the HW6_Prob1_WIN_Template.dwg or the HW6_Prob1_MAC_Template.dwg file through Canvas. Save the file as LastName_FirstName_HW6_Prob1_OSX.dwg (Click the big A button, and go to Save As for Windows, Click File and go to Save As for Mac, or type the command SAVEAS).

This file contains the title block and one block (north arrow) that you will need to place in paperspace at a scale factor of 1. All other blocks will need to be created by the user.

Please refer to Homework 6 – Dimensions and Notes (WIN).pdf or Homework 6 – Dimensions and Notes (MAC).pdf for dimensions and notes specified.

Please refer to Homework 6 – Check Prints (WIN).pdf or Homework 6 – Check Prints (MAC).pdf for final output examples for comparison.

Draw the inner and outer walls of the office space as shown in the Homework 6 – Dimension and Notes.pdf. Note that all inner wall thicknesses are 6 inches, outer wall thicknesses are 4 inches and the total wall thickness is 10 inches in all locations. You will see this reflected with the inner wall thickness having a 6" (TYP.) dimension and the outer wall thickness having a 4" (TYP.) dimension.

Include windows and doors as blocks and create two individual viewports to display the dimensions of these blocks individually on a Detail layout. Label the rooms using annotative text in model space.

To facilitate creation of this drawing, you should create a block for the window and a separate block for the door. D1 and D2 are your base points for your blocks. The multileader for D1 is pointing to the midpoint of the line. Viewport sizes will not be defined for this problem. You will need to determine what viewport sizes you would like to use to show all the items shown on the Check Prints.

Please note that because the Mac version uses a different printer driver, the page is slightly larger than the Windows page. The dimensions and sizes for the text height all remain the same between Windows and Mac.

Drawing Units:
- Length Type – Engineering
- Insertion Scale Units – Inches

Viewport Scale:
- 1" = 5' for Floor Plan
- 1" = 1' for each viewport for the Details

CEE 291 AutoCAD

Layers:
- See last page of Homework 6 – Dimensions and Notes.pdf

Text /Dim/Multileader Styles:
- See last page of Homework 6 – Dimensions and Notes.pdf

Paper Size:
- ANSI B for WIN
- 11x17 for MAC

Information for Title Block:
- See Check Prints for all other text values for Title Block

File Name (OSX will be either WIN or MAC):
- LastName_FirstName_HW6_Prob1_OSX.dwg
- LastName_FirstName_HW6_Prob1_Plan_OSX.pdf
- LastName_FirstName_HW6_Prob1_Dims_OSX.pdf
- LastName_FirstName_HW6_Prob1_Details_OSX.pdf