Homework 4

Please submit your dwg and pdf files 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 each problem.

Problem 1: Open the titleblock_Win.dwg or the titleblock_Mac.dwg file through Canvas. Save the file as LastName_FirstName_HW4_Prob1.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 one line on the 0 layer created for you to start with on the top of the layout tab. You will need to create this title block that you will use for any assignments you plot and submit. The titleblock should be created in Paper Space. Submit your .dwg file and a PDF file with a blank Model Space and only the titleblock in Paper Space.

Please refer to Homework 4 – Problem 1 – Dimensions and Notes (WIN).pdf or Homework 4 – Problem 1 – Dimensions and Notes (MAC).pdf for all pages of dimensions and notes specified.

Please refer to Homework 4 – Problem 1 – Check Print (WIN).pdf or Homework 4 – Problem 1 – Check Print (MAC).pdf for final output examples for comparison.

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. The starting line's location is the only difference.

Drawing Units:
- Length Type – Decimal
- Insertion Scale Units – Unitless

Viewport Scale:
- None for this problem; Viewport does not need a specified scale.

Layers:
- See Homework 4 – Problem 1 – Dimensions and Notes.pdf

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

Text Style:
- Create "Title Block Text" as a new text style as specified in Homework 4 – Problem 1 – Dimensions and Notes.pdf

File Name (OSX will be either WIN or MAC):
- LastName_FirstName_HW4_Prob1_OSX.dwg
- LastName_FirstName_HW4_Prob1_OSX.pdf

| CEE 291 AutoCAD University of Washington | Project: INSERT PROJECT TITLE | Sheet Title: INSERT SHEET TITLE | Scale: Insert Scale | Drawn By: Insert Initials |
| | | | Sheet Number: Insert Sheet Number | Date Drawn: Insert Date |

Figure 1: Title Block

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Problem 2: Open your .dwg from Problem 1 (after completion). Save the file as LastName_FirstName_HW4_Prob2.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).

For this problem, you will create a north arrow block that you will be using on your plan sheets in the future. No dimensions or notes will need to be created for this problem.

Specifications for the Block:
Block Name – North Arrow
Base Point – (0,0)
Allow Exploding Option Checked

HINT: Create all the objects necessary for the north arrow under the 0 layer. Once you have created the block, change the newly created block over to the North Arrow layer.

Please refer to Homework 4 – Problem 2– Dimensions and Notes (WIN).pdf or Homework 4 – Problem 2– Dimensions and Notes (MAC).pdf for all pages of dimensions and notes specified.

Please refer to Homework 4 – Problem 2 – Check Print (WIN).pdf or Homework 4 – Problem 2 – Check Print (MAC).pdf for final output examples for comparison.

Information for Title Block:
Project Title: Homework 4
Sheet Title: North Arrow
See Check Print for all other text values for Title Block for Problem 2

Drawing Units:
- Length Type – Decimal
- Insertion Scale Units – Unitless

Viewport Scale:
- 8:1

Layers:
- See Homework 4 – Problem 2 – Dimensions and Notes.pdf

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

Text Style:
- Use the "Standard" text style for all annotations required outside of the ones that were previously created for the Title Block.

File Name:
- LastName_FirstName_HW4_Prob2_OSX.dwg
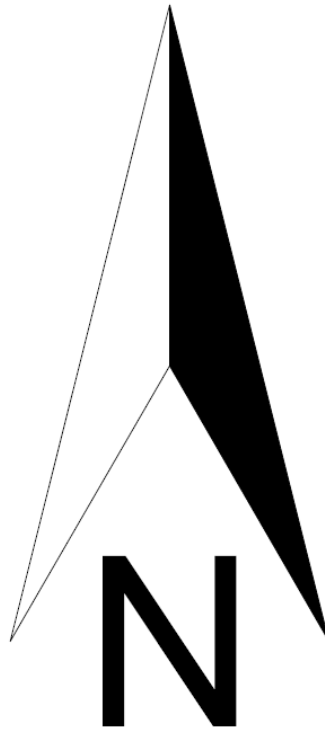- LastName_FirstName_HW4_Prob2_OSX.pdf

Figure 2: North Arrow