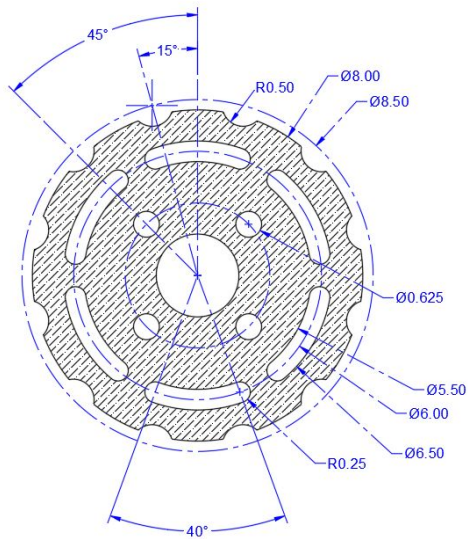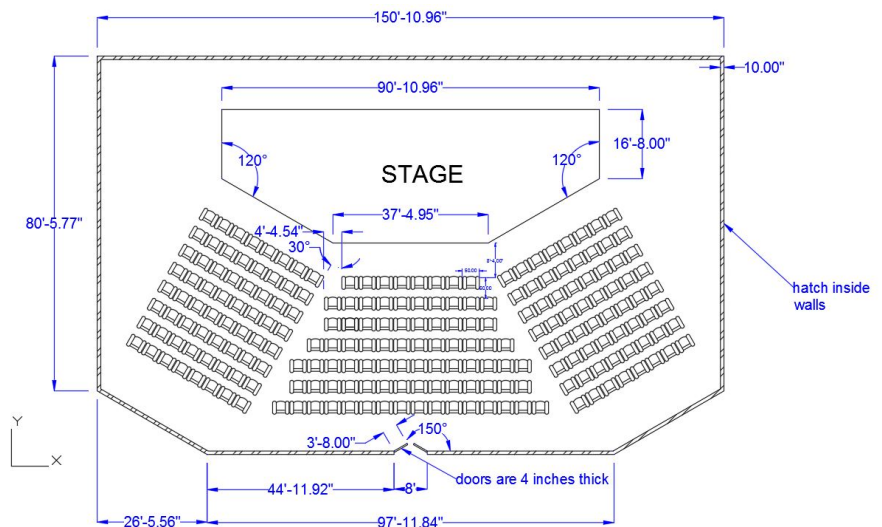# AutoCAD Lab #4 – Fall 2020 SWJTU
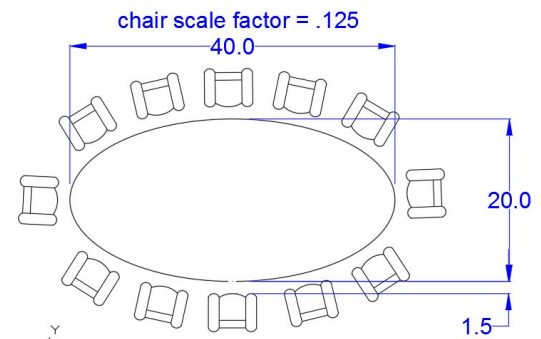## Due Date: Thursday Oct. 22nd, 2020 before 8:00am

Homework #1

Homework #2

Homework #3

1. Recreate the Homework #1 Gear Array.
    a. Use information provided in the drawings.
    b. Use Polar Array, offset, mirror, and copy as needed.
    c. Hatch the cross section.
    d. Do not dimension drawing.

2. Recreate the Homework #2 Stage array.
    a. Use the dimensions provided in the drawings.
    b. Use Engineering units.
    c. Use Rectangular Array, offset, Polar Tracking, mirror, trim extend as needed.
    d. Hatch the 10" thick walls and 4" thick doors
    e. Create a dimension layer, and dimension drawing in Engineering units.

3. Create the Homework #3 Path Array
    a. Use the dimensions provided in the drawing.
    b. Scale the chairs used in Homework #2
    c. Break the array path (ellipse).
    d. Create a dimension layer, and dimension drawing as shown.

4. Submit your three .dwg files to the appropriate Canvas dropbox before the due date.