

## Homework 2

\*Submit your .dwg files to Canvas for submission, one for each problem. Submit one PDF per problem.

Total number of files to submit: two .dwg files and two .pdf files

Problem 1: In this problem you will draw a section cut representing the top view of a cut into the bike rack as shown in Figure 1. **You need to draw Figure 2 below representing the plan view of the bike rack pole if it was sliced across the pole.** The dimensions in Figure 2 are the diameters of the circles. You do not need to include dimensions, but your drawing should match the values shown in the figures.

Please refer to Homework 2 – Problem 1 – Dimensions and Notes.pdf for dimensions and hatch patterns specified.

Please refer to Homework 2 – Problem 1 – Check Print.pdf for final output example for comparison.

Drawing Units:

- Length Type – Engineering
- Insertion Scale Units – Inches

Viewport Scale:

- 1:1

Paper Size:

- Half Size – 11x17

File Name:

- LastName\_FirstName\_HW2\_Prob1.dwg
- LastName\_FirstName\_HW2\_Prob1.pdf

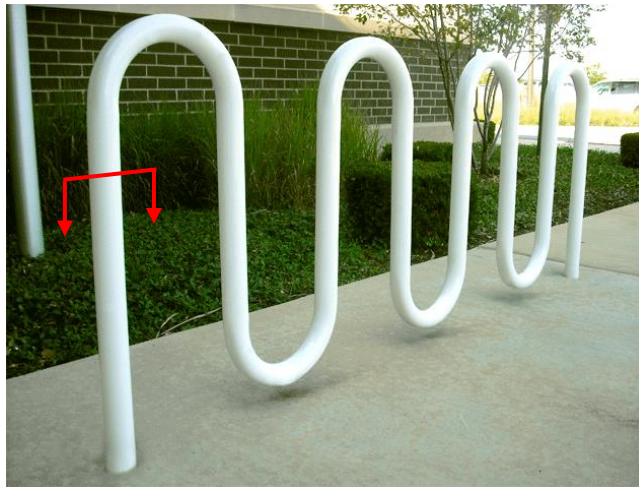


Figure 1: Bike Rack

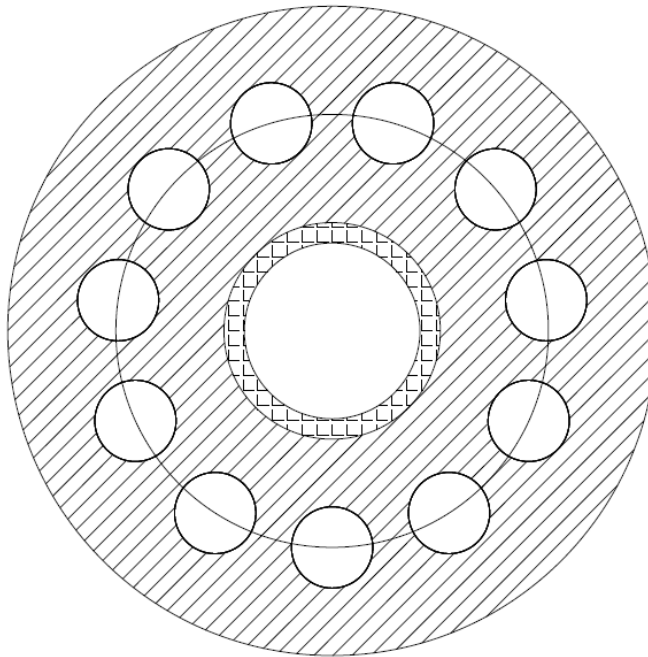


Figure 2: Plan View of Bike Rack

Problem 2: Draw the following Pedestrian Sidewalk. The red centerlines are included to help you draw but should not be included in your final printout. Do not include dimensions, but your drawing should match the values given below. The 4' (typ.) dimension shows that all distances from the black edge of sidewalk line to the centerline are 4'.

Please refer to Homework 2 – Problem 2 – Dimensions and Notes.pdf for dimensions and notes specified.

Please refer to Homework 2 – Problem 2 – Check Print.pdf for final output example for comparison.

Drawing Units:

- Length Type – Decimal
- Insertion Scale Units – Feet

Viewport Scale:

- 1:10

Paper Size:

- Half Size – 11x17

File Name:

- LastName\_FirstName\_HW2\_Prob2.dwg
- LastName\_FirstName\_HW2\_Prob2.pdf

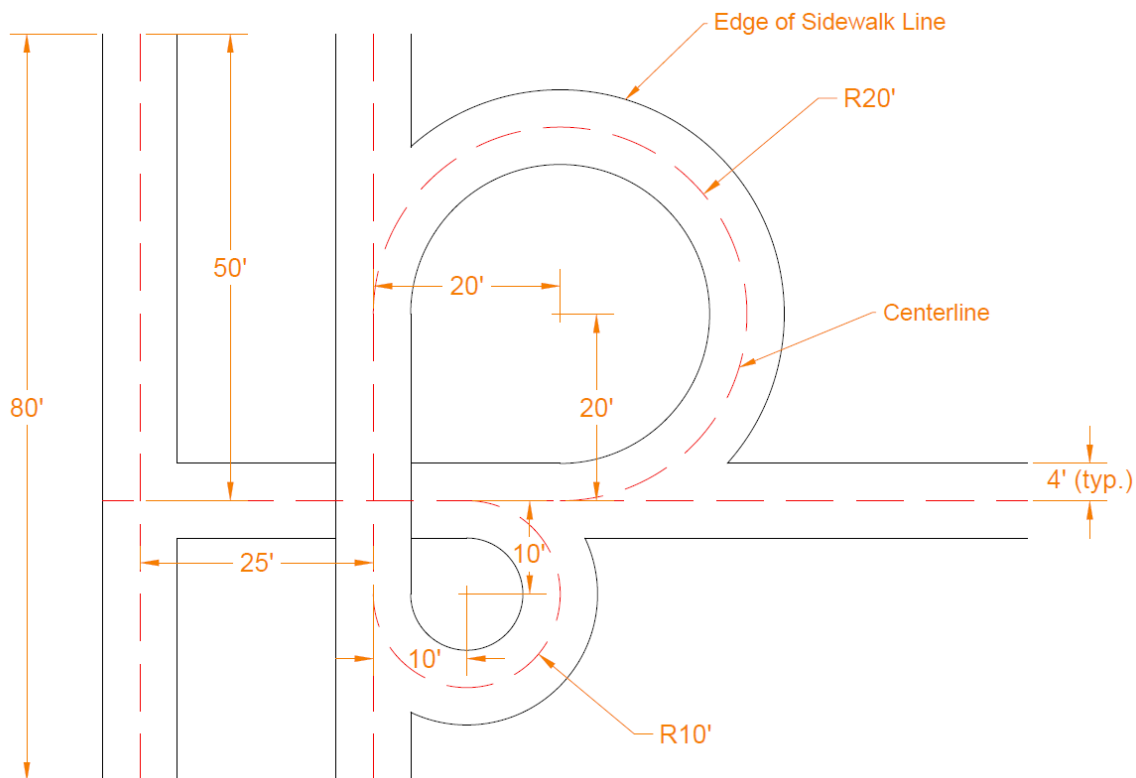


Figure 4: Pedestrian Sidewalk