

# AccuDraw 1E Exercise

## English Measure

### Level 1 Module 7



For more exercises, go to <http://www.micro-press.com/Resources.html>

If you intend to use this copyright document for teaching or commercial purposes, please attribute the source and add a live link to our site.

This exercise is best done after completing Module 7 of our MicroStation 2D Level 1 Training Manual.

The metal plate shown below has a number of drilled holes. Do the following:

- Open a new file called: PLATE
- Set Working Units to inches so that you can work in inch units.
- Make any other settings you think necessary.
- Draw the plate to the dimensions shown.
- Draw the holes using the X, Y, and Radius dimensions given in the Hole Location Table.

Note that the holes must be located in relation to Points A, B, and C on the plate. Use AccuDraw and the "O" shortcut to accurately locate and draw each hole.

#### HOLE LOCATION TABLE

CENTER LOCATION FROM POINT "A"			
Hole No.	X	Y	Radius
1	8 3/8"	23 5/8"	4 5/8"
2	13 3/4"	14 1/2"	1 1/8"
3	7 1/2"	8 1/8"	2 3/4"
4	9 7/8"	1 5/8"	3/4"
5	2 1/2"	13 7/8"	1 1/4"
CENTER LOCATION FROM POINT "B"			
6	-5 1/8"	-30 3/4"	3 5/8"
7	-4 1/4"	-4"	1"
8	-4 1/4"	-11 3/8"	1"
9	-19 5/8"	-4 1/8"	2 1/4"
CENTER LOCATION FROM POINT "C"			
10	5 1/4"	-2 1/2"	3/4"
11	-3 1/8"	-5 1/4"	3/4"
12	4 3/8"	4 1/2"	3/4"
13	14 1/8"	8"	Rect. 5" x 5"

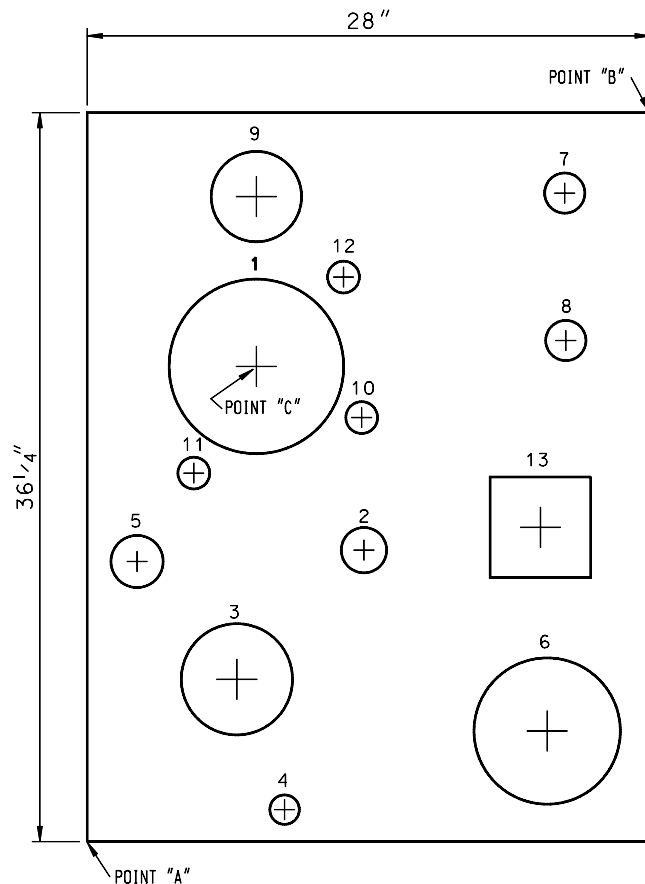


Plate and Holes Layout