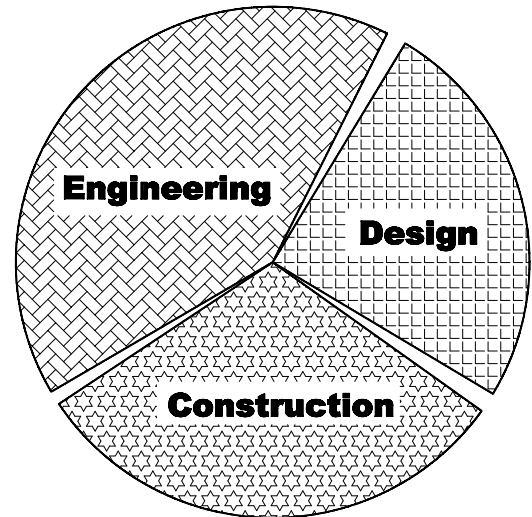


CHAPTER 47 EXERCISES

1. Masking Text

Create the pie chart shown in Figure ME47-1 using the hatch patterns and text style of your choice. Use the *Textmask* command with the *Wipeout* option to make the text readable.

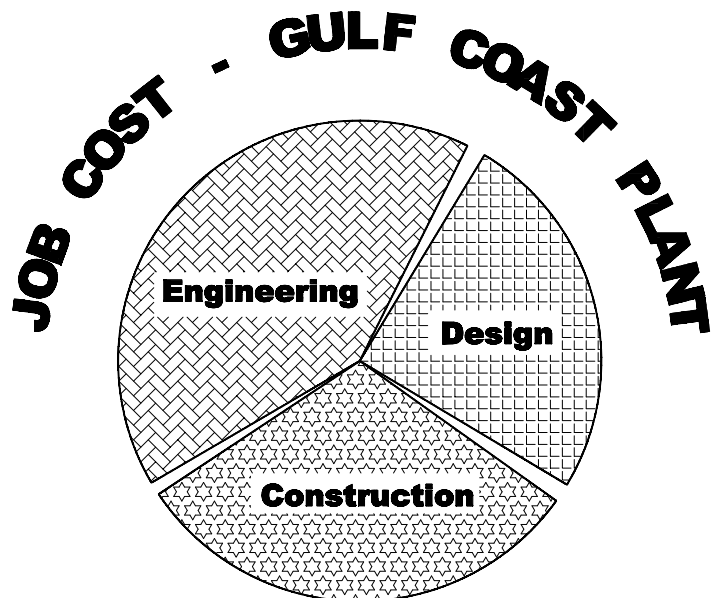
Figure ME47-1



2. Arc Text

Using the pie chart from the previous exercise, add the text **JOB COST - GULF COAST PLANT** using the *Arc Aligned Text* from the *Express* pull-down menu as shown in Figure ME47-2. *Save* the drawing as CH47EX1-M.

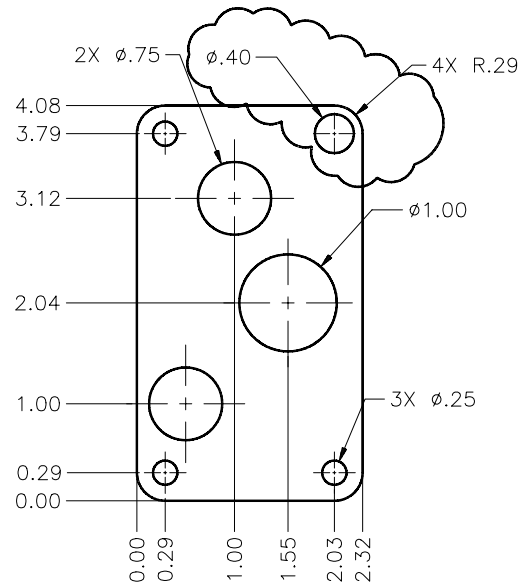
Figure ME47-2



3. Revision Bubble

Open the plate drawing from Chapter 28 Exercise 2 (CH28EX2). Change the diameter of the corner hole on the upper right side. Create a new Layer called REV and draw a revision cloud on it (using the Revcloud command) as shown in Figure ME47-3. Change the diameter dimension for the remaining three holes to "3X .25." SaveAs CH47EX2-M.

Figure ME47-3



4. Mpedit and Textfit

Open the BOM drawing from Chapter 18. Use the Mpedit command to convert all the Lines comprising the table to Plines (you can select the entire table with a window since the text will not be converted). Assign a Width of .015.

Next use the Properties window to change the Height of the top row of text (ITEM, QTY., NAME, and MATERIAL) to .15 and the remainder of text (in the body of the table) to .14. Finally, use the Textfit command to force the existing text in the first row (HEX HEAD MACHINE SCREW) to fit within the allotted space. (HINT: If you have trouble fitting the text, use the Properties window to convert the text to Left justified, then use Textfit.) The resulting drawing should look similar to that shown in Figure ME47-4. SaveAs CH47EX3-M.

Figure ME47-4

ITEM	QTY.	NAME	MATERIAL
1	3	HEX HEAD MACHINE SCREW	
2	1	FIXTURE	STEEL
3	1	MIDPIECE	STEEL
4	2	SUPPORT	STEEL
5	1	3/16 SPRING SCREW	
6	1	BRACE	STEEL
7	2	ARM	STEEL