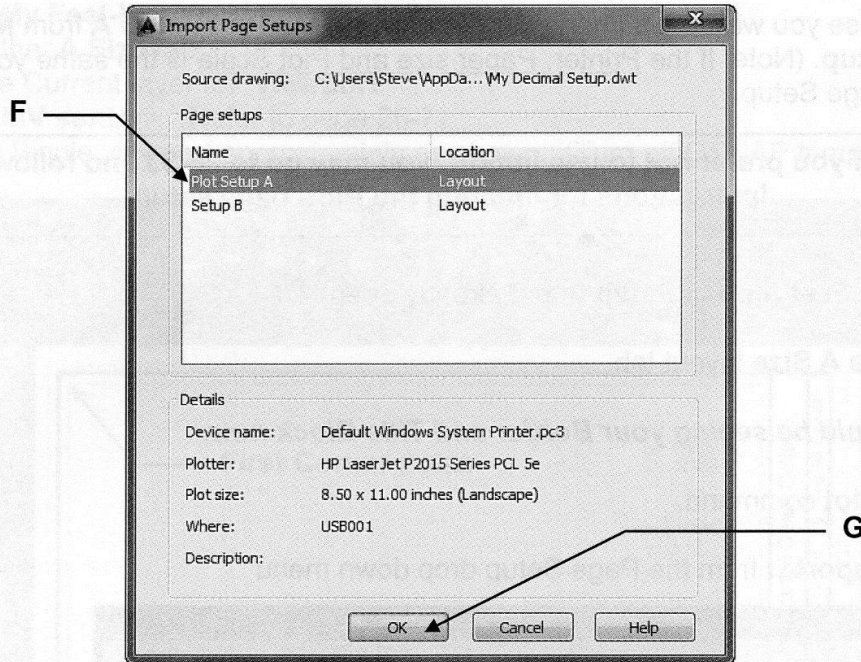
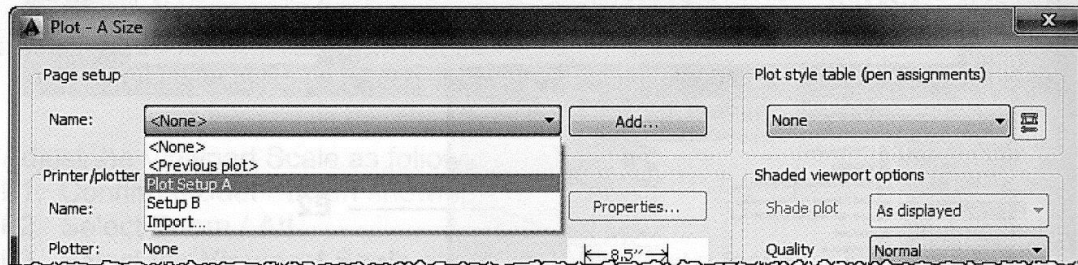


EXERCISE 27E....continued

- F. Select **Plot Setup A** from the Page Setups list. (Note: If you do not have a "Plot Setup A" in My Decimal Setup refer to page 26-33)
- G. Select the **OK** button.



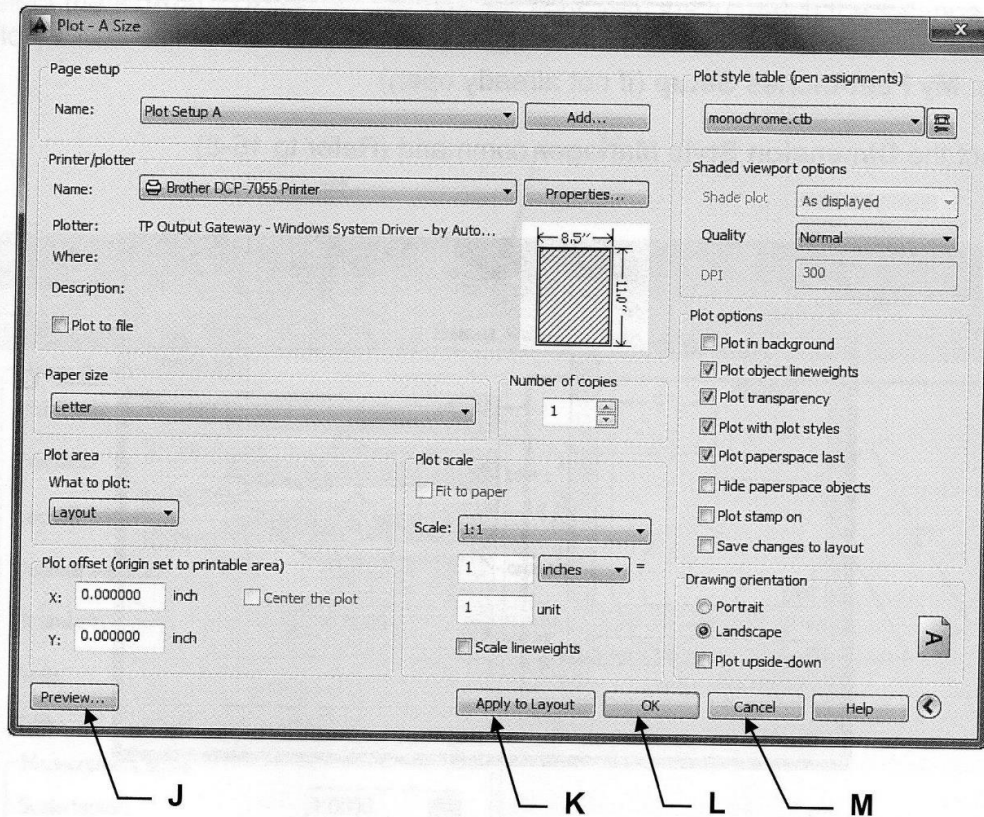
- H. Select **Plot Setup A** from the Page Setup drop down list. (Note: It was not there before. You just imported it in from My Decimal Setup)



Continued on the next page...

EXERCISE 27E....continued

I. Check all the settings.



J. Select **Preview** button.

If the drawing appears as you would like it, press the **Esc** key and continue

If the drawing does not look correct, press the **Esc** key and check all your settings, then preview again.

Note:

The Viewport frame and the grids will not appear in the Preview because the viewport is on a no plot layer and grids never plot.

K. Select the **Apply to Layout** button.

(The settings are now saved to the layout tab for future use.)

L. If your computer is connected to the plotter / printer selected, select the **OK** button to plot, then proceed to **N**.

M. If your computer is **not** connected to the plotter / printer selected, select the **Cancel** button to close the Plot dialog box and proceed to **N**.

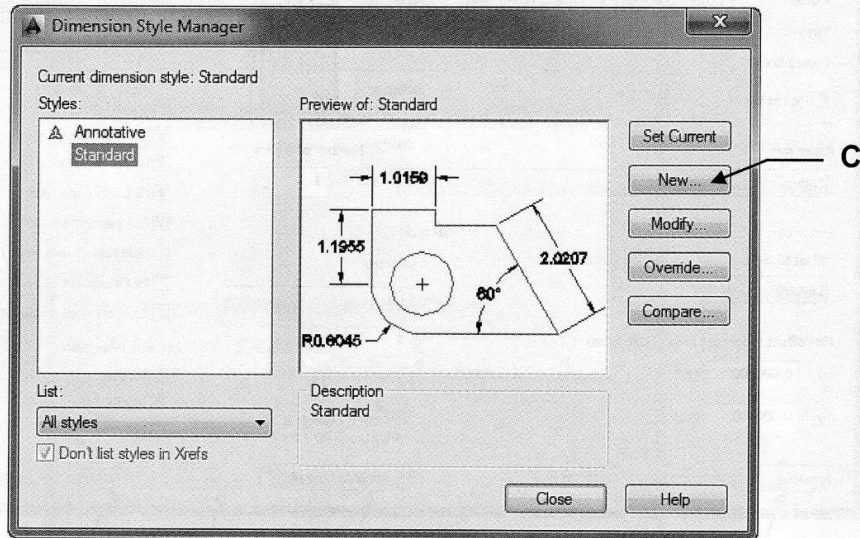
N. **Very important....** Save as **My Feet-Inches Setup** again.

O. Continue on to **Exercise 27F**....you are not done yet.

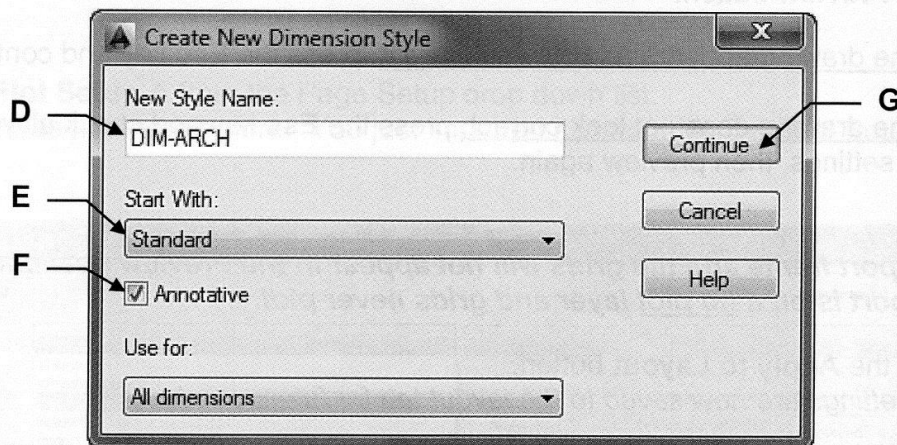
EXERCISE 27F

CREATE A NEW DIMENSION STYLE

- Open **My Feet-Inches Setup** (If not already open)
- Select the **Dimension Style Manager** command (Refer to 16-8)



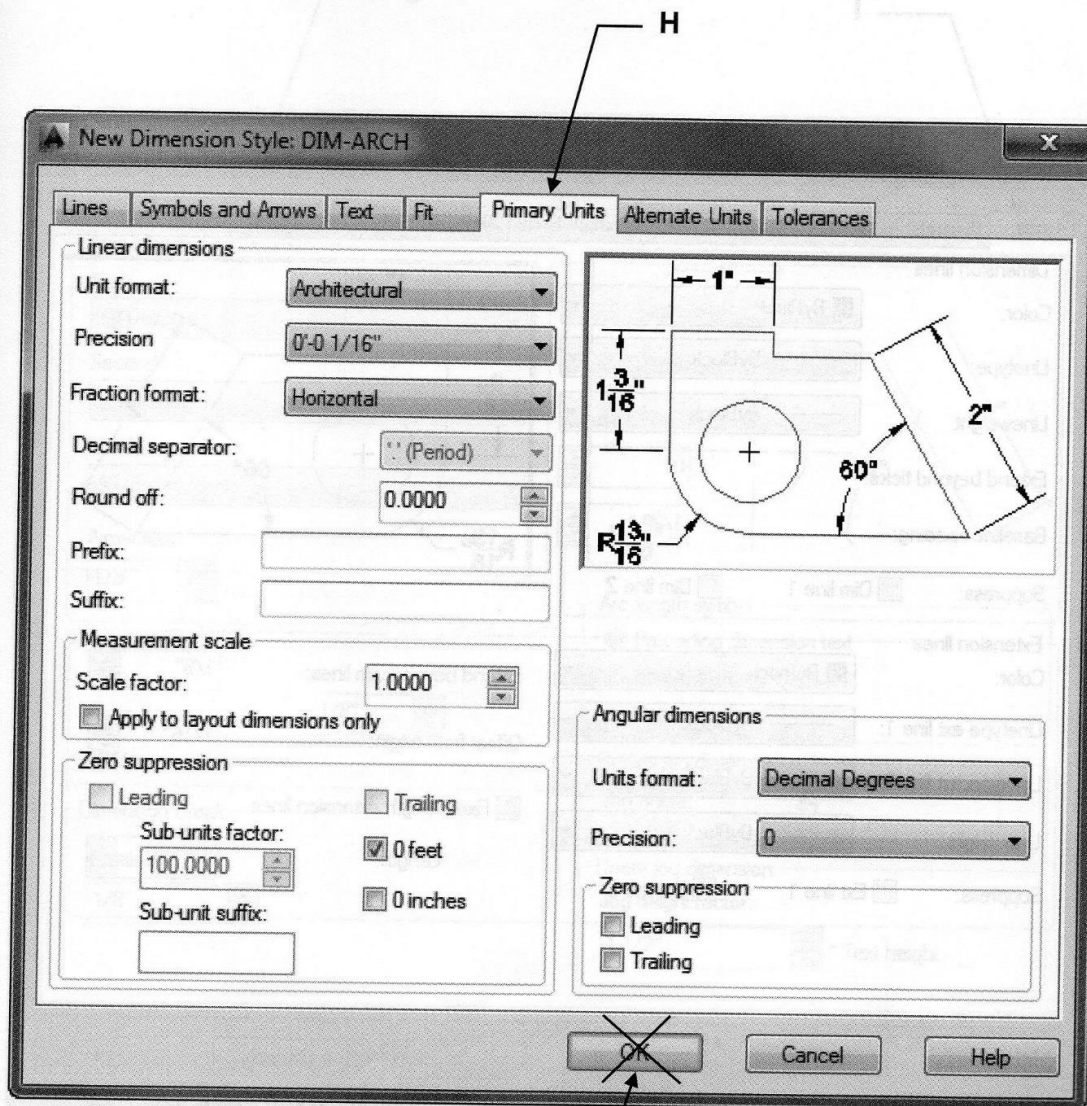
- Select the **NEW** button.



- Enter **DIM-ARCH** in the “New Style Name” box.
- Select **STANDARD** in the “Start With:” box.
- Select **Annotative** box.
- Select the **CONTINUE** button.

EXERCISE 27F ...continued

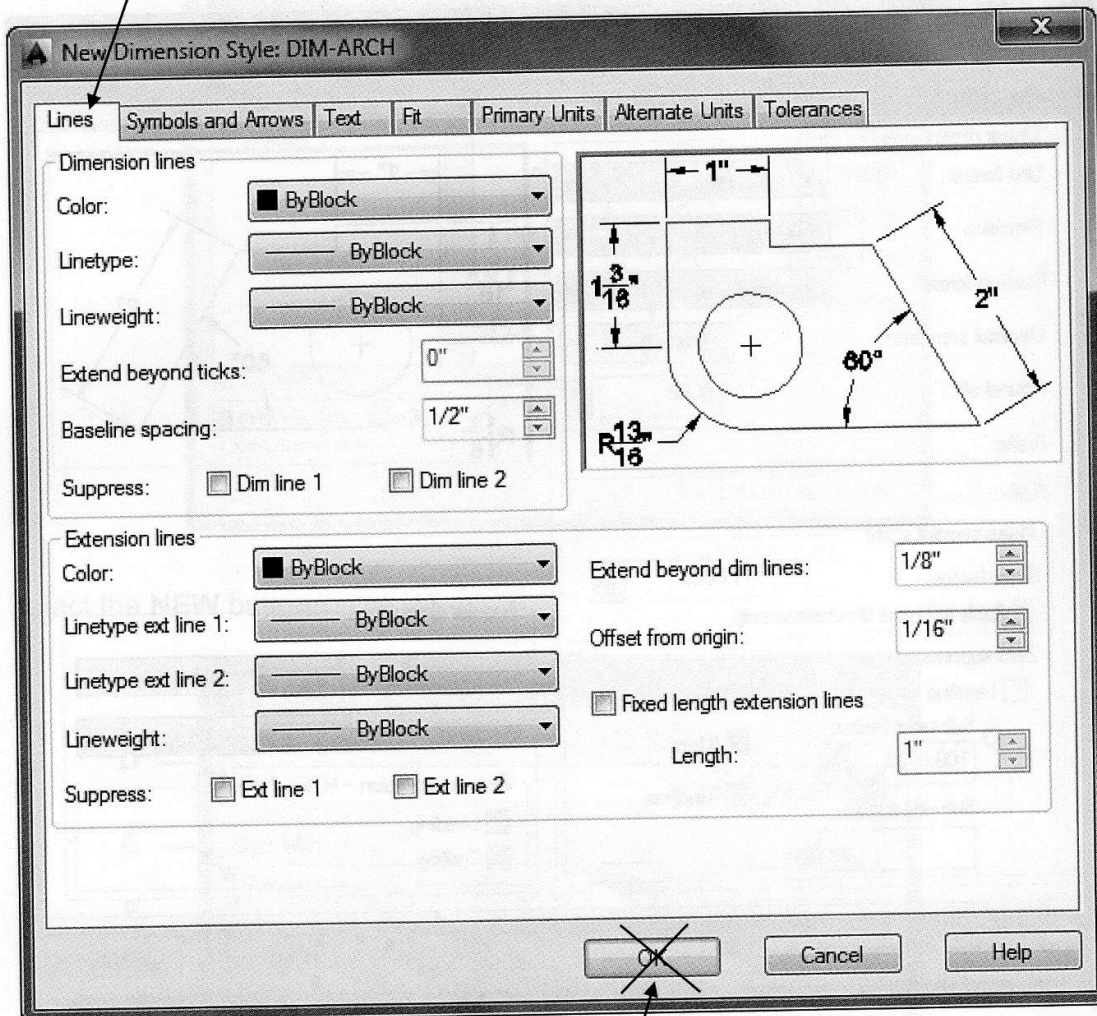
- H. Select the **Primary Units** tab and change your settings to match the settings shown below.



Do not select the OK button yet

EXERCISE 27F....continued

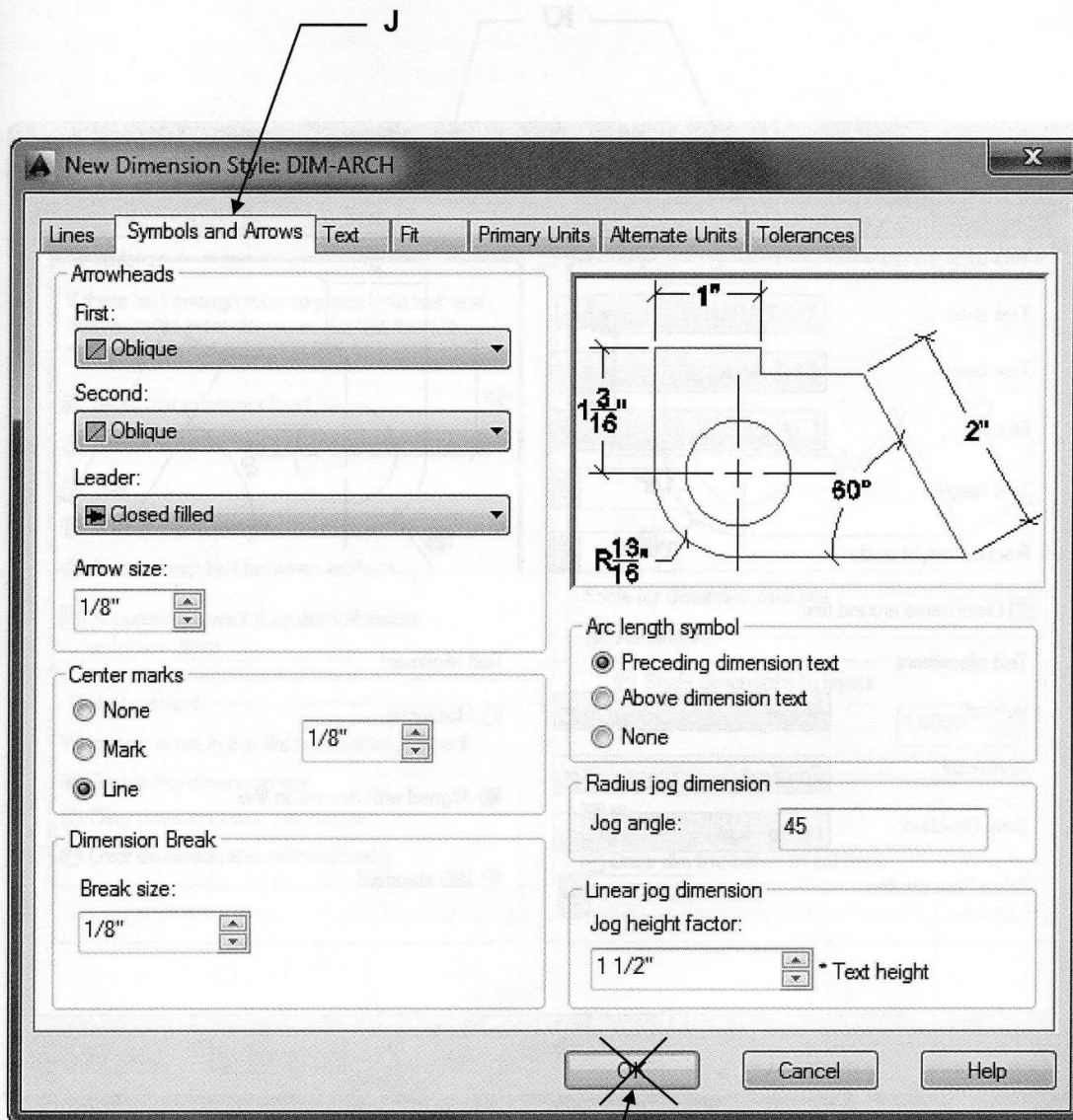
I. Select the **Lines** tab and change your settings to match the settings shown below.



Do not select the OK button yet

EXERCISE 27Fcontinued

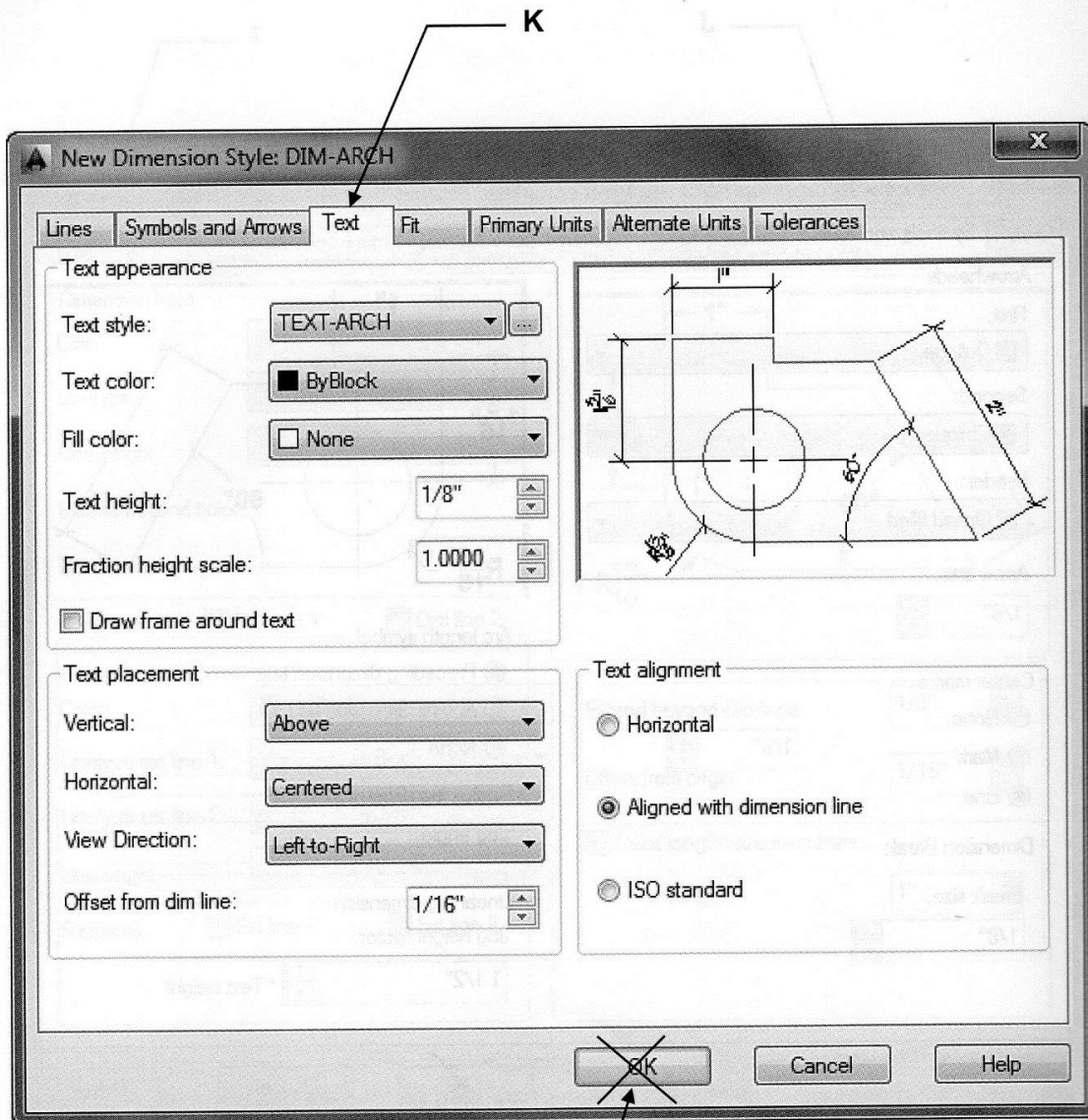
- J. Select the **Symbols and Arrows** tab and change your settings to match the settings shown below.



Do not select the OK button yet

EXERCISE 27Fcontinued

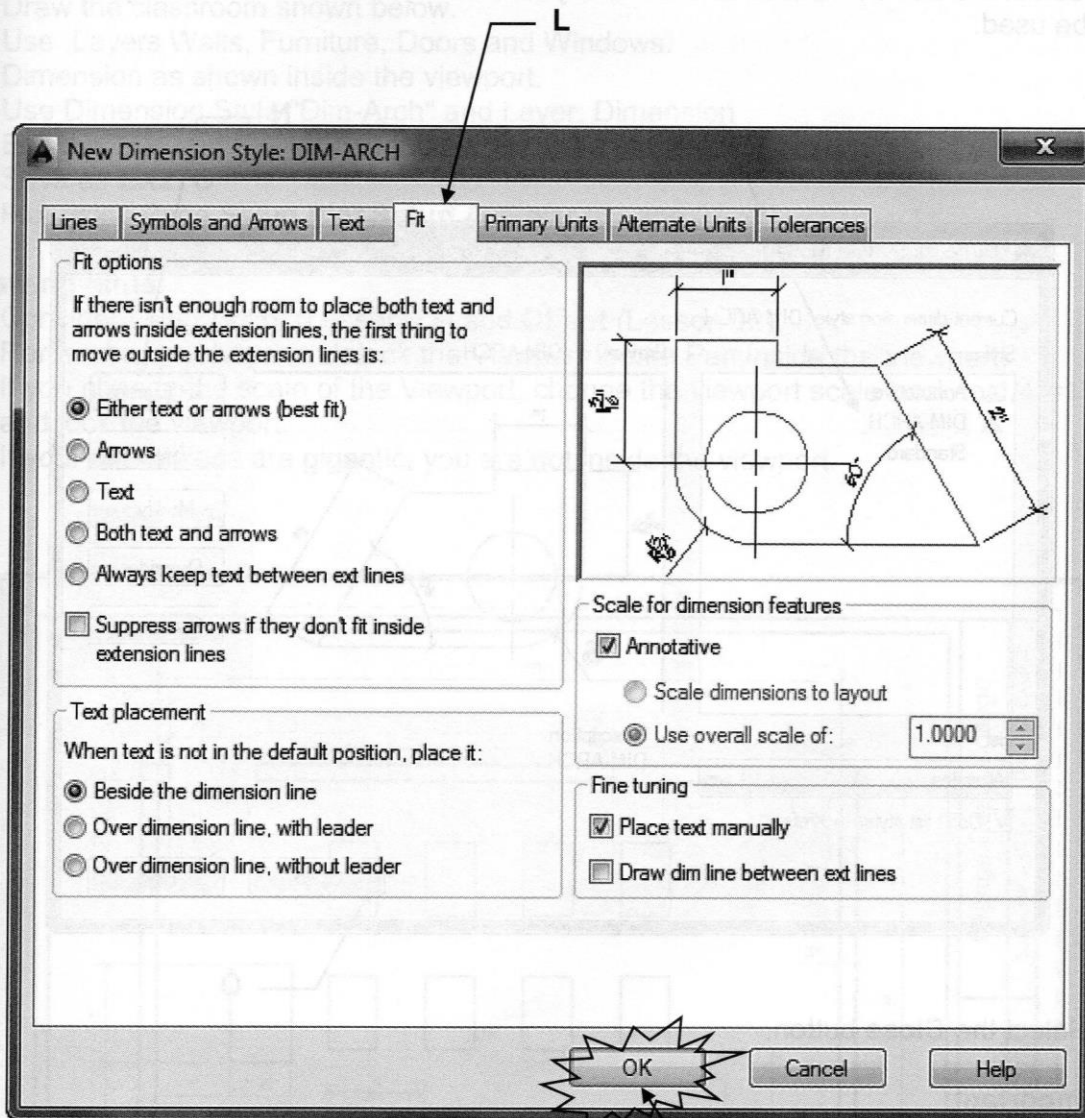
K. Select the **Text** tab and change your settings to match the settings shown below.



Do not select the OK button yet

EXERCISE 27F....continued

L. Select the **Fit** tab and change your settings to match the settings shown below.

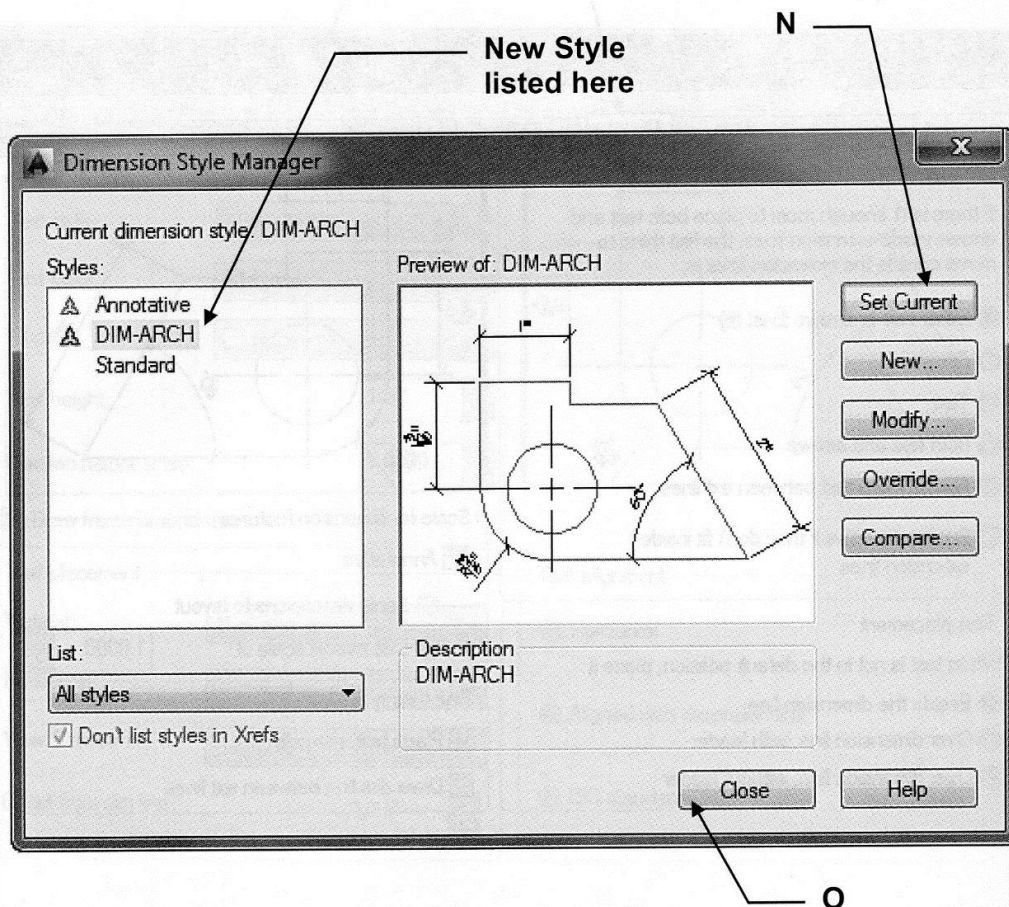


M. Now select the **OK** button.

EXERCISE 27F....continued

Your new **DIM-ARCH** dimension style should now be in the list.

- N. Select the **Set Current** button to make your new style **DIM-ARCH** the style that will be used.



- O. Select the **Close** button.

P. **Important:**

Save your drawing as **My Feet-Inches Setup** again.

- Q. Change the Current Layer to **Walls**. (So layer Walls will always be the current layer when you start a New file)
- R. You are almost done. Now Save all of this work as a **Template**. (Refer to 2-3)
- Select **Application Menu / Save As / AutoCAD Drawing Template**
 - Type: **My Feet-Inches Setup**
 - Select **Save** button.

Again, I know that seemed like a lot of work but you are now ready to use this master setup template to create and plot many drawings in the future.

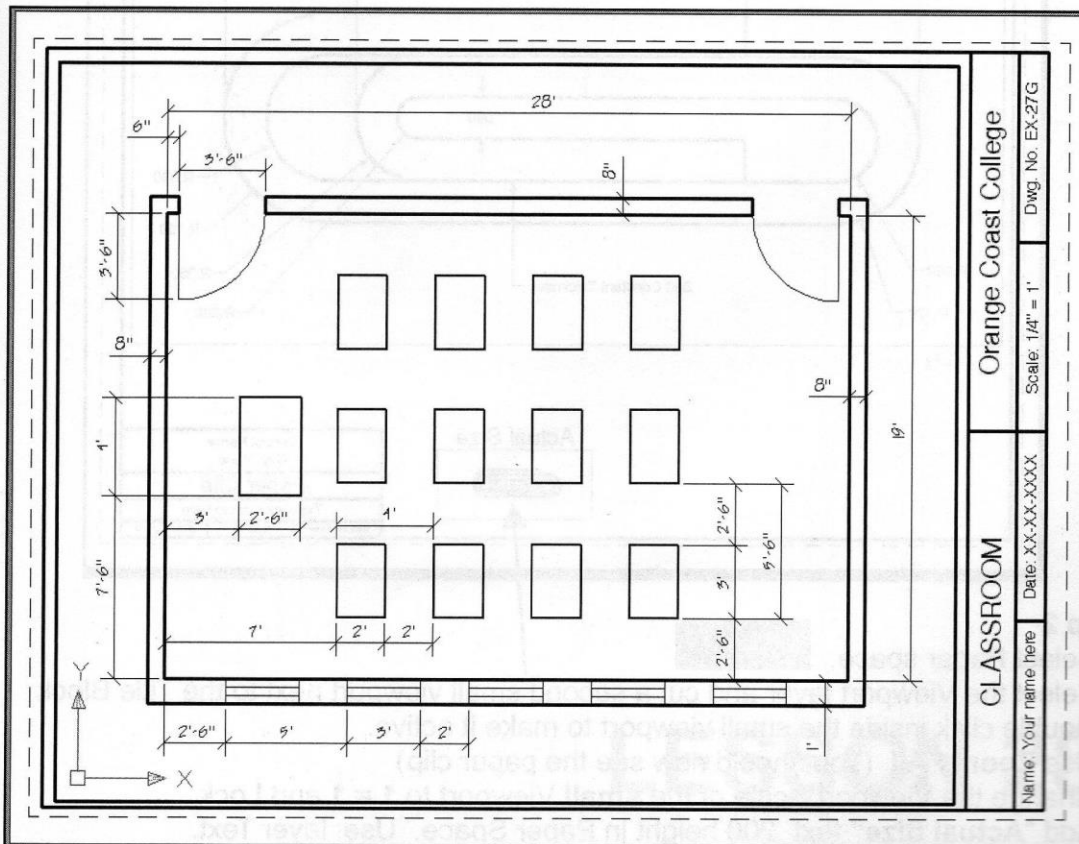
EXERCISE 27G

INSTRUCTIONS:

1. Select **New** and select **My Feet-Inches Setup.dwt** (template)
2. Draw the classroom shown below.
3. Use Layers Walls, Furniture, Doors and Windows.
4. Dimension as shown inside the viewport.
5. Use Dimension Style "Dim-Arch" and Layer: Dimension
6. Edit the Title and Ex-XX by double clicking on the text. Do not erase and replace.
7. Save as **EX27G**
8. Plot using Page Setup **Plot Setup A** (Refer to page 27-21)

Drawing hints:


1. Consider using **Array** (Lesson 13) and **Offset** (Lesson 12).
2. Remember you have to **Unlock the Viewport** to use Pan inside the Viewport.
3. If you change the scale of the Viewport, change the viewport scale back to $1/4"=1'$ and lock the viewport.
4. If your dimensions are gigantic, you are not inside the viewport.



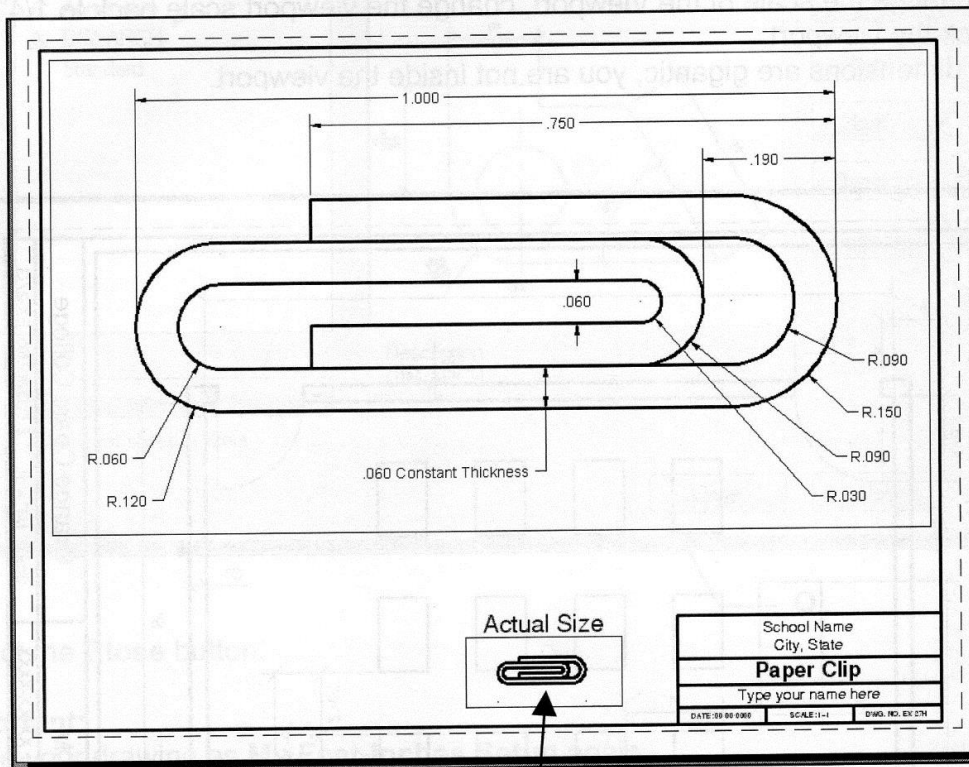
EXERCISE 27H

INSTRUCTIONS:


Step 1.

1. Select **New** and select **My Decimal Setup.dwt** (template)
2. Unlock the Viewport.
3. Change the Viewport Scale to 8 : 1 (Important: not 1:8)
4. Lock the Viewport
5. Turn **Snap & Grids** off or change your them relative to the new viewport scale.
6. Draw the Paperclip on layer Object line.
7. Dimension as shown using Dimension Style: Dim-Decimal
(Dimensions should be inside the viewport, in Model space.
Confirm "Model" button  is displayed.)

Drawing hints: The entire Paper clip can easily be drawn using Offset (Lesson 12) and Fillet (Lesson 7) or Circles and trim.



Step 2

1. Select Paper space. 
2. Select the Viewport layer and cut a second small viewport next to the Title Block
3. Double click inside the small viewport to make it active.
Use **Zoom / All** (You should now see the paper clip)
4. Change the Viewport Scale of the **small** Viewport to **1 = 1** and Lock.
5. Add "**Actual Size**" text .200 height in Paper Space. Use: layer Text.
6. Edit the Title and Ex-XX by double clicking on the text. Do not erase and replace.
7. Save as **EX27H**
8. Plot using Page Setup **Plot Setup A** (Refer to page 26-34)