

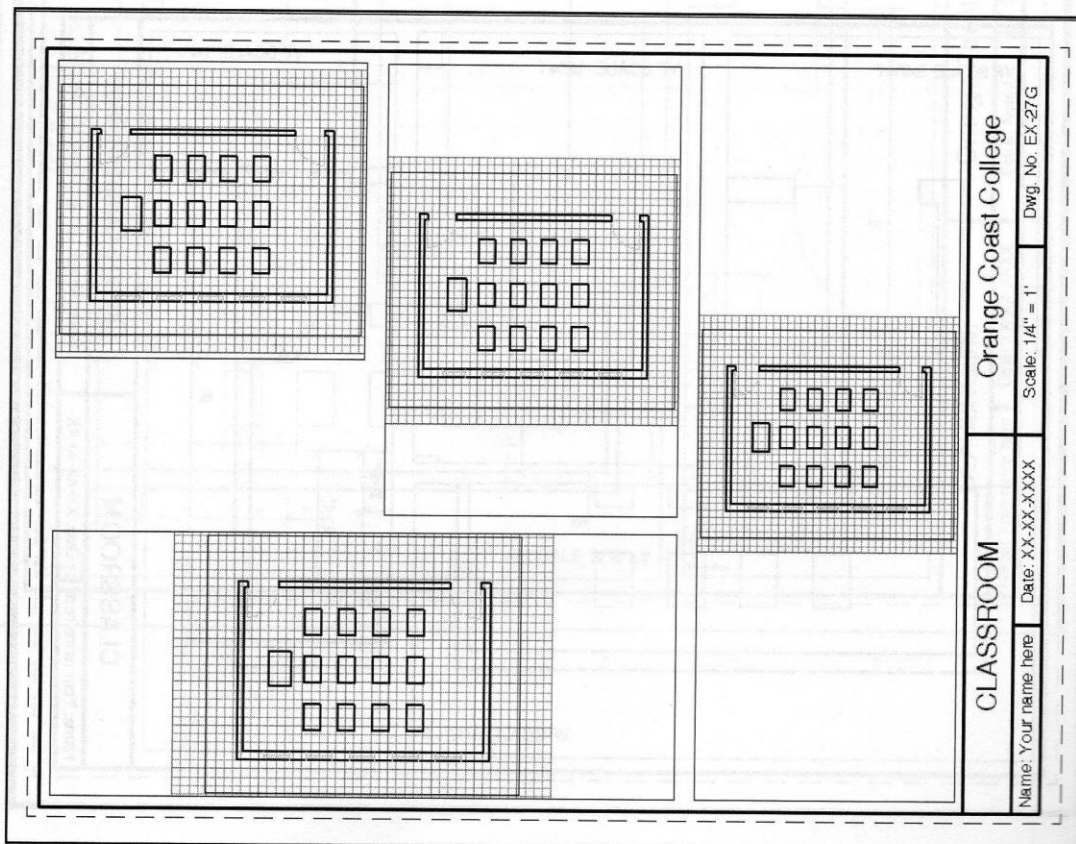
EXERCISE 28A

The following exercise will give you practice adding Annotative Object Scales to existing dimensions in order to display them within viewports with different scales. Follow the instructions below as you manipulate the drawing to appear as shown on page 28-14.

STEP 1

1. Open **EX-27G**
2. Select the **A size** tab.
3. **Erase** the 1 existing Viewport (click on it and select delete)
(The classroom will disappear from paperspace because the hole is gone.)
4. Select the Viewport Layer and **Create** 4 new viewports approximately as shown below.

Notice each viewport is a hole in paperspace and you are looking through to model space. Also notice the dimension do not appear.



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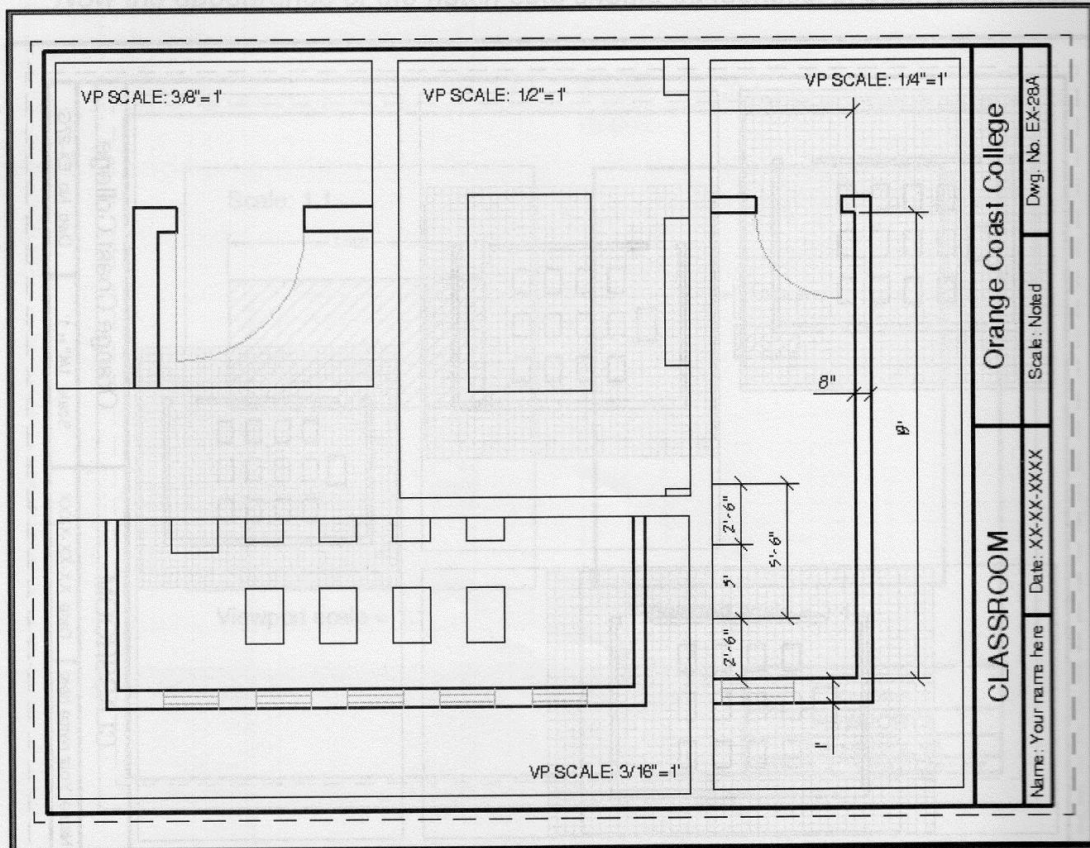
EXERCISE 28A....CONTINUED

STEP 2

5. **Adjust the scale** of each Viewport as indicated below.
6. Use **Pan** to move the image within the viewport without changing the scale.
7. Add the **VP Scale** labels.
Place them in Paper space. Text style: Text-Classic 1/8" height.
8. **Lock** each viewports.

*Notice the annotative dimensions appear only in the 1/4" = 1' viewport.
 The dimensions currently have only 1/4"=1' annotation scale.*

Note: I turned the grids OFF for clarity.




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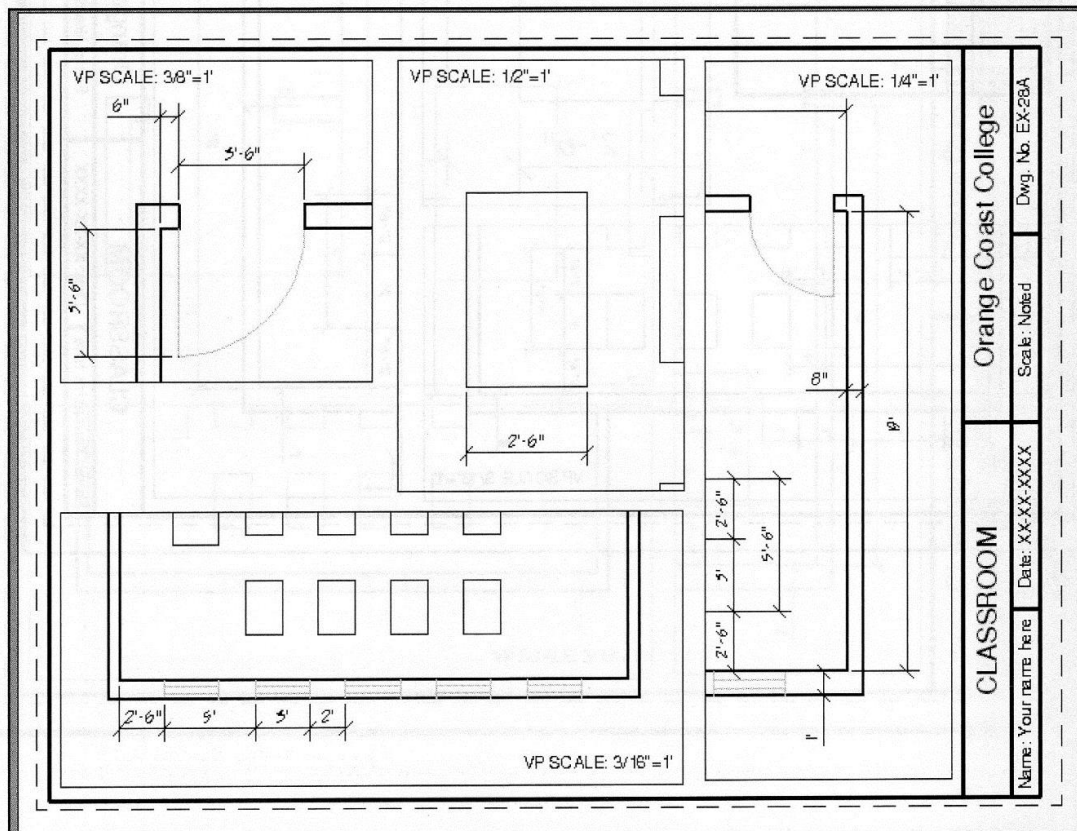
EXERCISE 28A...CONTINUED

Step 4

1. Add **Annotative Object Scales** to the dimensions shown in the viewports below:
 - A. Select a Viewport (double click inside viewport)
 - B. Select the dimensions that you want to stay visible in that viewport.
 - C. Select the **Annotate** panel. (Refer to 28-4)
 - D. Select **Add Current Scale** button
This will automatically add the current viewport scale to the selected objects.
 - E. Go on to the next Viewport and repeat A thru D above until they are all done.

Step 5

1. Turn OFF **Annotative Visibility**  (Gray Icon)
The unwanted dimensions should have disappeared.
2. Save as: **EX28A**

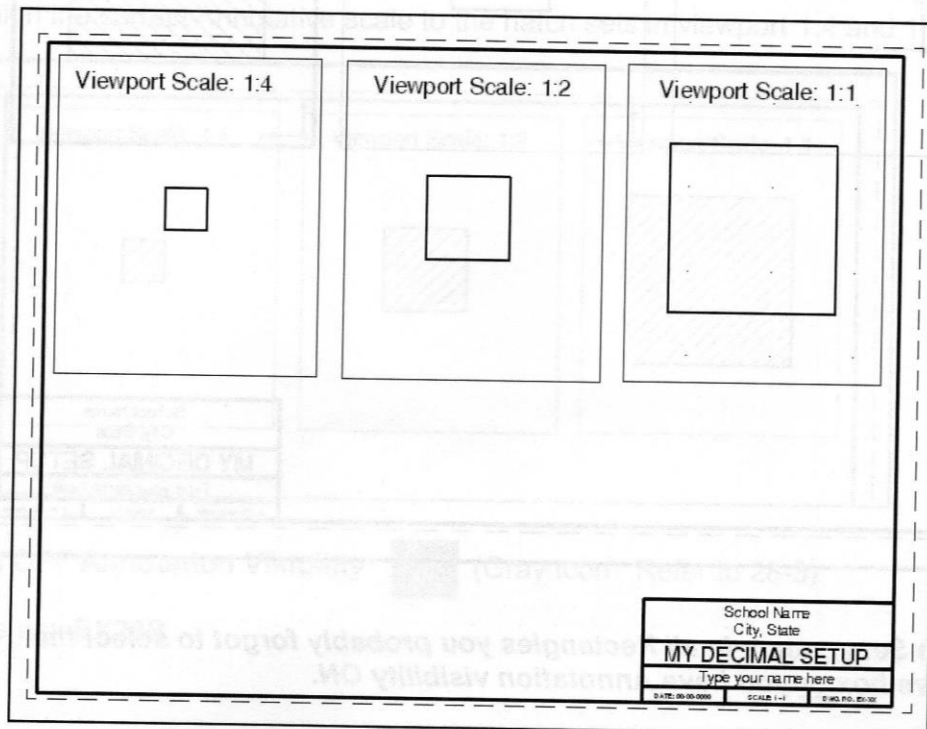


EXERCISE 28B

The following exercise will give you practice with Hatch within scaled viewports using **Annotative Object Scale** option. Follow the instructions below while you manipulate the drawing to appear as shown.

STEP 1

1. Start a NEW file using: **My Decimal Setup.dwt**
2. Select **A size** layout tab
3. **Erase** the 1 existing Viewport.
4. Select the Viewport Layer and **Create 3 new viewports** approximately as shown.
5. **Adjust the scale** of each Viewport as indicated.
6. **Lock** each viewport.
7. Activate the 1 = 1 viewport. (Double click inside the viewport)
8. **Draw** a 2" X 2" Rectangle inside the 1 = 1 Viewport as shown using Layer Object. (The rectangle will appear in the other 2 Viewports because all viewports display model space.)

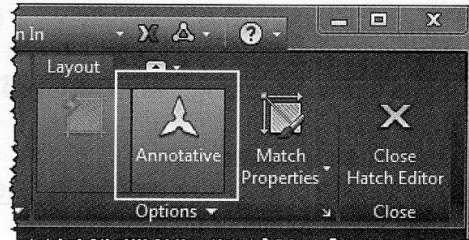


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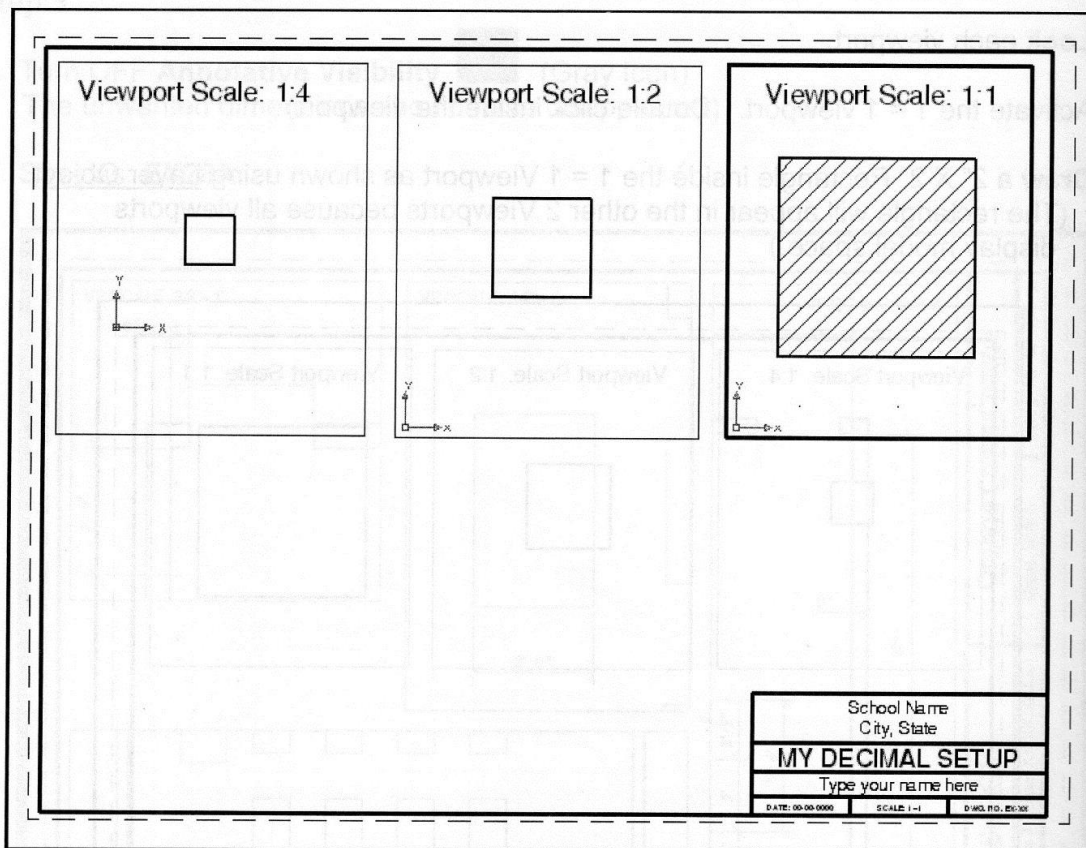
EXERCISE 28B....CONTINUED

STEP 2

1. Select the layer **Hatch**
2. **Hatch** the 1 = 1 Rectangle using:
 - A. Pattern **Ansi 31**
 - B. Angle **0**
 - C. Scale **1.000**
 - D. Select the **Annotative** option.



3. Place Hatch inside the rectangle as shown and press <enter>




Note:

If a Hatch Set appears in all Rectangles you probably forgot to select the Annotative box or you have Annotation visibility ON.

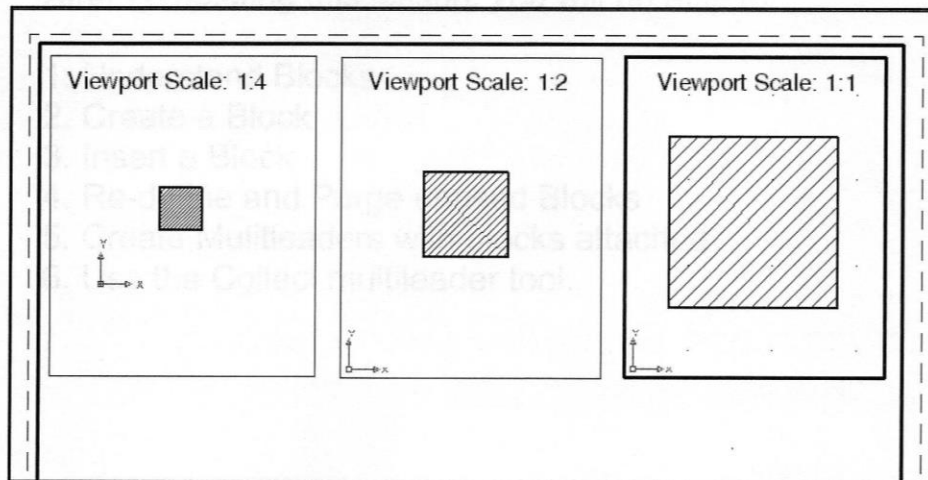
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EXERCISE 28B...CONTINUED

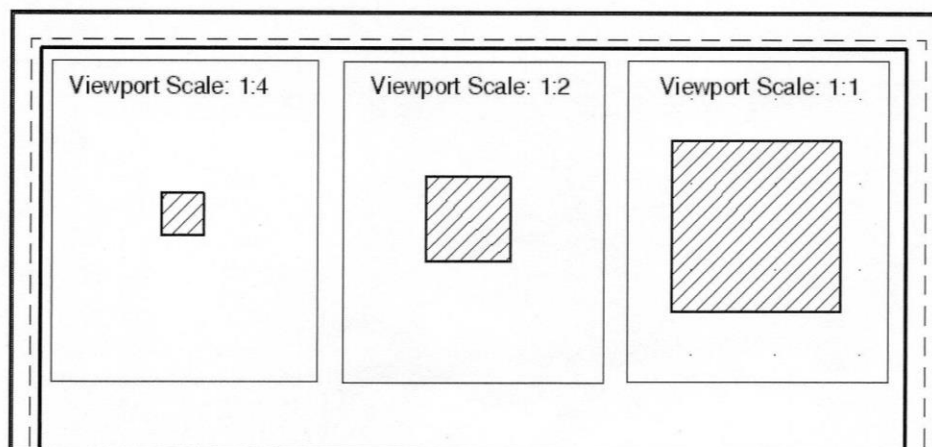
STEP 3


1. Turn ON **Annotation Visibility**  (Blue Icon Refer to 28-3)

*The Hatch set appears in all of the viewports.
But the sizes are all different.*



2. Assign the correct Annotative scale to the hatch sets in viewport 1:4 and 1:2.



3. Turn OFF **Annotation Visibility**  (Gray Icon Refer to 28-3)
4. Save as: **EX28B**