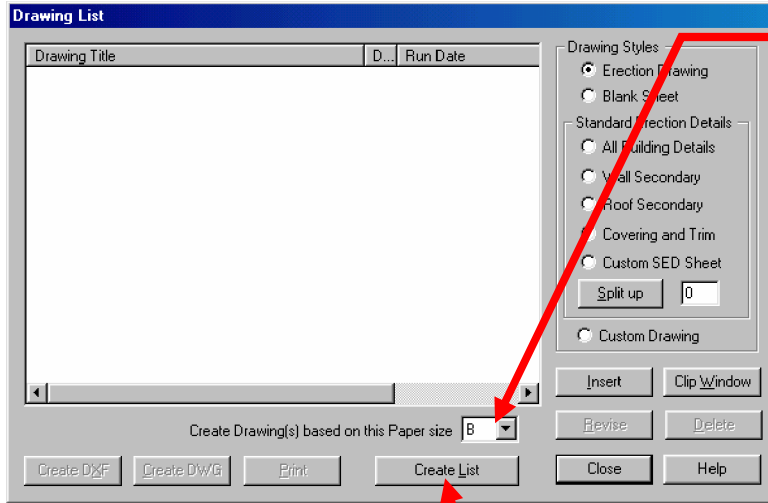
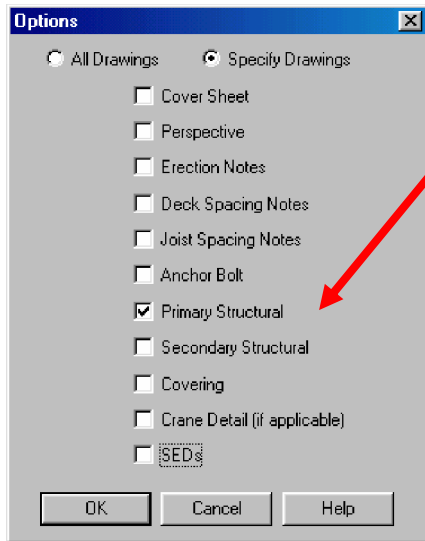


I have had a few questions concerning scaling VPCCommand drawings. Before we touch down on that topic, let's look at a couple of VPCCommand drawings basics. The VPC drawing function offers great flexibility in generating the drawings you require. In order to create drawings, the VPC-Run function must have been completed for there to be design and drawing data to display. With this in mind, let's look at a few other basics.

Drawing Basics:

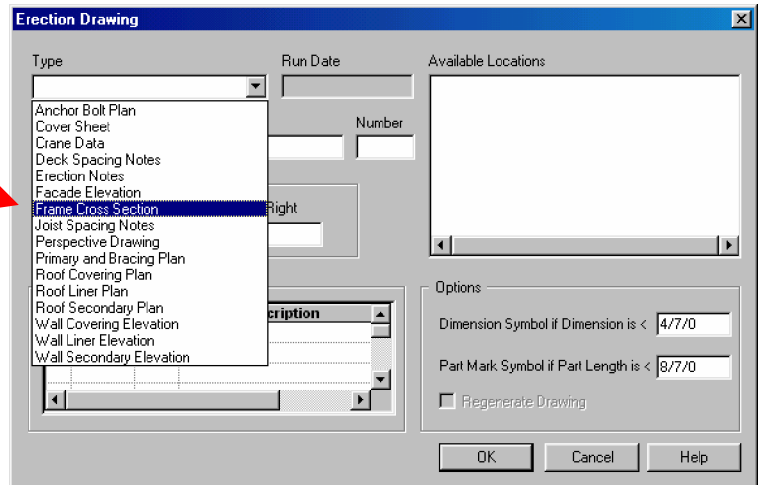


- Before you create any drawings, you must consider what size paper you will be printing on. Make this selection in the “**Create Drawing(s) based on this Paper size**” field. This will format the drawing for the proper size paper.

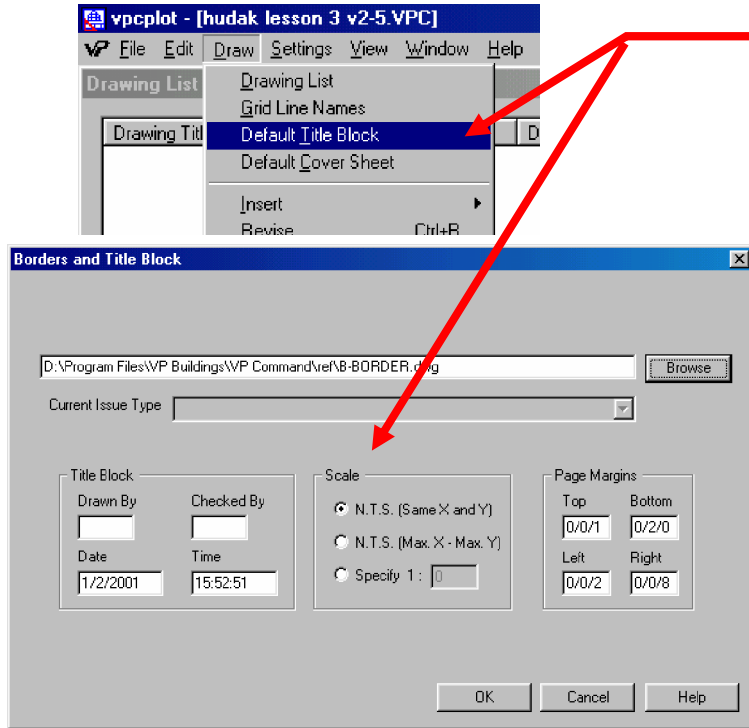


- Selecting “**Create List**” will bring up the drawing “**Options**” list to allow you to narrow down the drawings you wish to select. It takes less time to create only a few drawings than to create the entire drawing list.

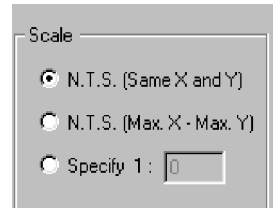
- You may also select the “**Insert**” button at the **Drawing List** window to allow you to further select individual drawings.



Scaling Drawings:



- From the menu, Select Draw / Default Title Block.
- At the Borders and Title Block window, note the “Scale” fields.



- **N.T.S. (Same X and Y)** = This will create a scale based upon the drawing border you have selected. The drawing will be proportional.
- **N.T.S. (Max. X - Max. Y)** = This will maximize the drawing in both the X and Y directions. The drawing will not be to any scale.
- **Specify 1: ___** : This allows you to specify a drawing scale:

Specify Factor

This is a list of the most common factors:

1/16” = 192, 1/8” = 96, 3/16” = 64, 1/4” = 48, 5/16” = 38.5, 3/8” = 32, 7/16” = 27.4, 1/2” = 24, 9/16” = 21.3, 5/8” = 19.2, 11/16” = 17.4, 3/4” = 16, 13/16” = 14.7, 7/8” = 13.7, 15/16” = 12.8

The user can manually determine the scale factor by converting the drawing scale to a ratio of 1:*n*. This ratio compares plotted units to drawing units. You can multiply your sheet size by the scale factor to calculate the limits of your drawing. For example, if you plot at a ratio of 3/4” inch = 1 foot. You would calculate the scale ratio 16 as follows:

$3/4'' = 12/x$

Cross multiply. (3X = 48)

Divide both by 3 to get X alone. X = 16, therefore the factor is 16

- Click on the **Specify** button to activate this field.
- Note the required input as shown from the “F1” Help on **Specify Factor**.
- This scale will be retained for all drawings on this file unless changed.