Printing in Civil 3D
• Your Computer screen is a window, or camera looking into that world.

Model Space

Paper Space
Model Space vs. Paper Space

Used to create geometry representing your design.

Used to annotate, document, and print your design.
Steps to Print

• Click on a Layout tab. This action will take you in Paper Space. You may see a viewport appear.
• If you wish, you can erase the viewport if it is not the correct size or in the correct location.
• The black dashed line indicates the printable limits for your page.
Steps to Print

- Right-click on a Layout tab to access the Page Setup Manager.
- Select Modify.
- You then can make changes for the printer you wish to use.
Steps to Print

- You will need to select the correct printer…
- The correct paper size…
- The correct Plot style table, using monochrome.ctb (makes all lines print black)…
- Do not change the scale, as we will adjust the correct size of our drawing by scaling the viewport…
- You can also change the orientation from Landscape to Portrait…
Steps to Print

• On a layer with a continuous line type, insert your title block and border file.
• Make sure your title block and border fit within the black dashed lines.
Steps to Print

• On a layer that does not print, select the Layout Tools tab to access the Rectangular viewport command.
• Place your viewport within the boundary of your border.
• C3D will make the object as large as possible, which is not a standard scale.
Steps to Print

- Click on the viewport to activate the scale.
- Select the appropriate standard scale, or create a user defined one.
Steps to Print

• Add dimensions or other annotations.
• The advantage of Paper Space is that the scale is always 1:1.
• Apparent model size is always adjusted by scaling the viewport.
Steps to Print

• Select the Plot command…
• The Plot dialog box may not come out fully revealed.
• Click the arrow on the bottom right to expand.
Steps to Print

• Plot your drawing...
• Notice that the viewport boundary does not appear since it was created on a layer that did not print...