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Rotating a job in a Layout Mode Viewport

You have completed a simple plan in Model Space.

You decide to use Layout Mode to plot it out. So you add a Sheet and Title Block from the MsAnnotate menu. (This automatically adds a layout mode viewport for the drawing to display in.)
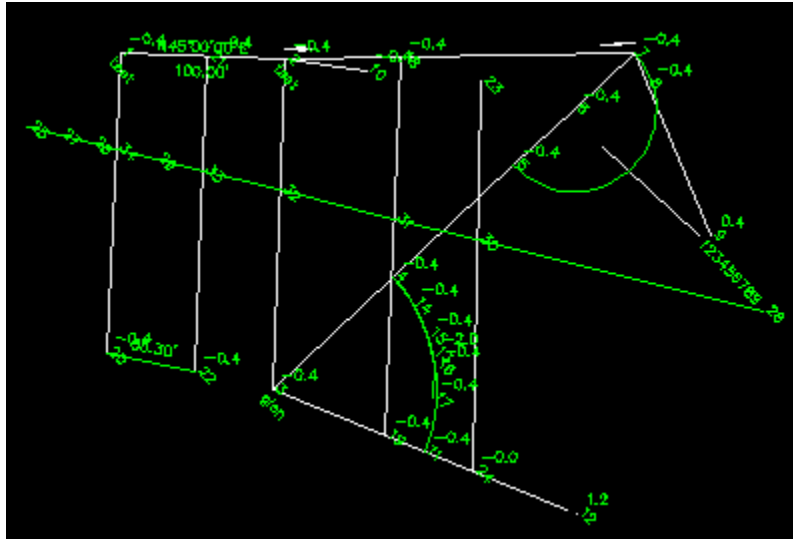
The problem is that this job does not fit well on the sheet, unless you rotate it.

You need to flip back to Model Mode and run the Surveyor View command under the MsTools menu -> Drawing View Rotation.

You pick the left and right ends of the line to be made horizontal on screen, and the drawing rotates around for you. (The database is not affected and the labels in the drawing are still correct, in fact, you can add survey data to the job without any problems)

The problem is that this drawing only rotated in Model Space and is not reflected in the current Layout Mode Viewport.

To solve this we need to run the command VIEW (either type it in or go under the View menu -> Save/Restore View)

This command will save the current screen orientation to a named view, so it can be restored later in Layout Mode.

In this example I typed in the command VIEW and then entered in **S** to save the view, and entered a name of **Rotated**.

: view
View: ? to list saved views/Delete/Restore/Save/Window: **S**
Save view as: **Rotated**

Now you can flip back to Layout Mode and take your mouse and double click inside the viewport to activate the viewport. Then run the VIEW command again, this time you **Restore** the named view of **Rotated**, and the drawing will now show up as rotated in the Layout Mode Viewport.

(If you knew that this survey would need to be rotated to fit on your sheet, before you created a Layout Mode Viewport – you could run the surveyor view command before you switch to Layout Mode the first time. When you first create the Layout Mode Viewport, it uses the current orientation in model space.)

You will probably have to reset the scale to the viewport. To do this, double click outside the viewport to deactivate it – then go to the View menu -> Scale Layout Viewport. Pick the viewport border and you will be shown the current scale for the viewport. Then you can set the desired scale on the next line.

: _scale_vport
Select Viewport border to scale:
The current viewport scale is 1 inch = 92.30 feet.
Enter the new scale for the viewport. 1 = **50**

If you need to pan the drawing slightly to center it as desired, double click inside the viewport and use the Pan command or mouse option to center it. If you are using the wheel on your mouse to pan, be careful not to roll the wheel or you will also zoom the drawing in the viewport. If you do this by accident, you will then have to go back and rerun the Scale Layout Viewport command, to reset the desired scale in this viewport.

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