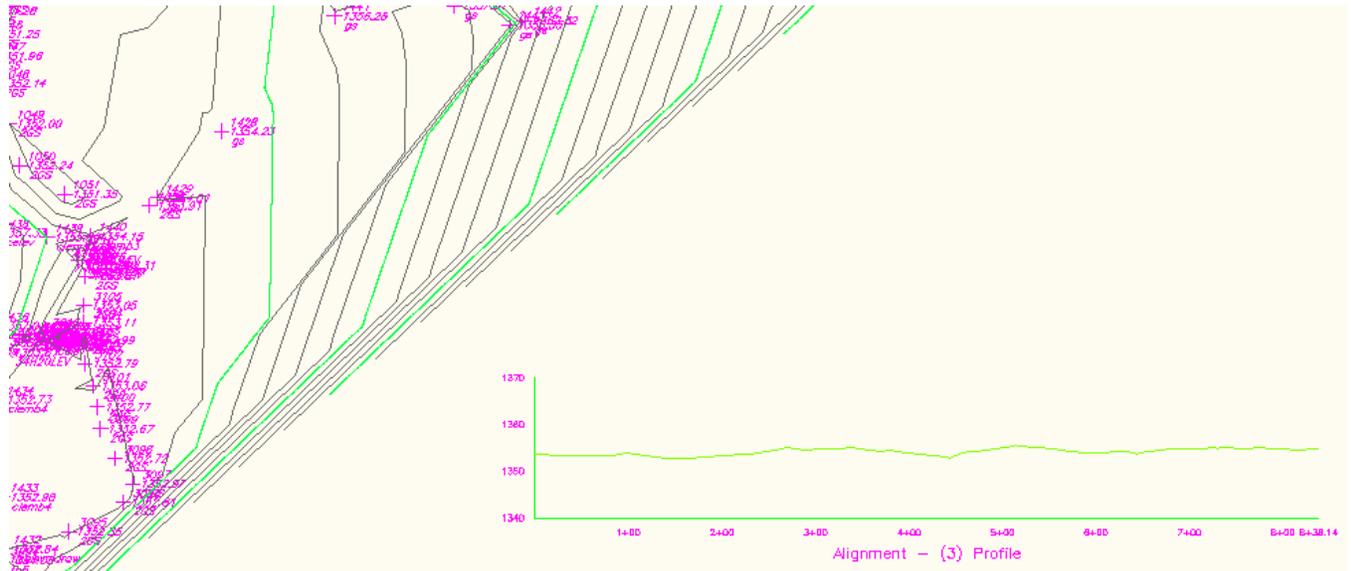


This quick reference guide covers the process of modifying the view in a viewport so that objects in model space that are viewed through the viewport window are aligned to a specific location in the layout.

In this example, a profile view has been inserted into the model space of the drawing, as shown below.



The drawing also includes a layout which contains drawing details and a pane where a profile can be plotted using gridlines that extend the full width of the drawing area. As seen below, the profile view in model space needs to be lined up with the gridlines that are drawn in the layout.

<p><i>Not to Scale</i></p> <p>Double Stainless Steel Clamps Insert Coupling Pipe</p> <p>TEE INSERT COUPLING</p> <p>STAB JOINTS</p> <p>TEE COMPRESSION COUPLING</p> <p>COMPRESSION FITTING <i>(Shown: Compression fittings manufactured by Agrifit)</i></p> <p><u>CONNECTION ALTERNATIVES</u></p>	<p><i>Not to Scale</i></p> <p>Guard Post Df.a. Length</p> <p>Main Pipeline Df.a.</p> <p>Continuous Acting Full Flow Air Vent and Vacuum Relief Valve (Shown: Watermark CRP-8) Valve Df.a.</p> <p>Install at high points and use tire and post for protection.</p> <p>SIDE VIEW AIR RELEASE VALVE</p> <p><i>Not to Scale</i></p> <p>Pipeline "Snaking" Layout</p> <p>NOTE: Layout pipeline sections during warmest part of day. Connect sections during coolest part of day. First pipeline will have a "snaking" layout to account for expansion/contraction from temperature changes. Allow 1-3% for snaking.</p> <p>TOP VIEW FLEXIBLE PIPE INSTALLATION</p>	<p><i>Not to Scale</i></p> <p>Pipeline 120° to E</p> <p>PLAN VIEW</p> <p>Existing Ground</p> <p>CROSS SECTION TYPICAL WATERBAR INSTALLATION</p>	<p>DESIGNED: _____ DRAWN: _____ CHECKED: _____ APPROVED: _____ County, Minnesota</p> <p>PIPELINE DETAILS AND PROFILE PIPELINE PROJECT SOIL & WATER CONSERVATION DISTRICT</p> <p>NRCS Natural Resource Conservation Service United States Department of Agriculture</p> <p>File No. _____ Drawing No. _____ Eng. Job Order _____ Sheet 3 of 3</p>
<p>1370 1360 1350 1340</p> <p>1+00 2+00 3+00 4+00 5+00 6+00</p> <p>Alignment - (3) Profile</p>			

To align a viewport, follow the procedure below:

1. Go to the *Express Tool* ribbon
2. In the *Layout* pane, click on *Align Space*
3. You will be prompted to select the first alignment in model space. In this example, click on the lower left hand corner of the profile view border.
4. Next, you will be asked to select a second point in model space, or hit return to continue without selecting a second point. In this example, hit return without selecting a second model space point.

You only need to select a second point in model space if you want to automatically scale the objects in the viewport as well as align the model space objects to a specific point in the layout. If you do select a second model space point, you will also be asked to select a second paper space point in the next step, and the scale of the viewport will be altered to increase or decrease the size of the model space objects to fit between the two points that you selected in the layout.

5. You will now be asked to select an alignment point in paper space. This will be a point on the gridlines that are drawn in the layout that you want to align the model space profile view to.
6. The last step is to activate the viewport that you want to align and hit enter to continue. The viewport that is currently activated will be identified with a heavy border. Once you hit enter, the display of the viewport will be moved so that the profile view lines up with the gridlines in the layout.

