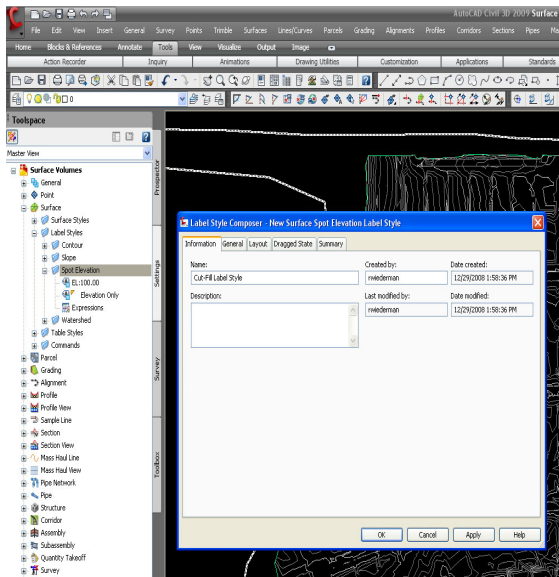


Autodesk Products Tip & Tricks

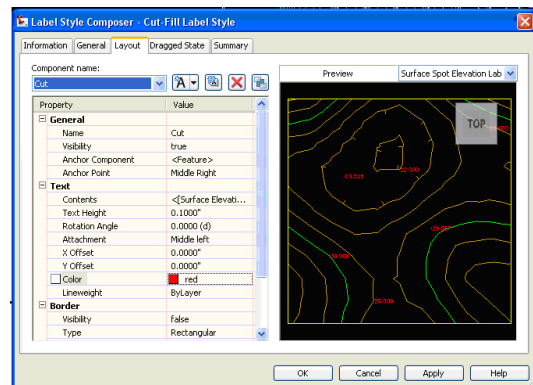
Product: Civil 3D 2009
Topic: Creating a cut-fill surface label style
Written by: Rob Wiederman, Civil Engineer
Date: December 29, 2008

Cut and Fill surface labels:

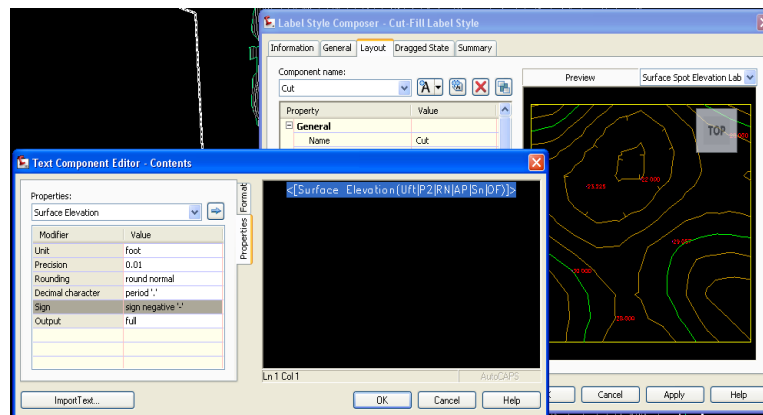
Once a cut and fill surface has been created, you can create a single label style to view both the cut and fill labels.



Once, the settings tab, is selected you must expand surfaces> label Styles>Spot Elevation. Right click on spot elevation and create a new style called Cut-Fill labels.

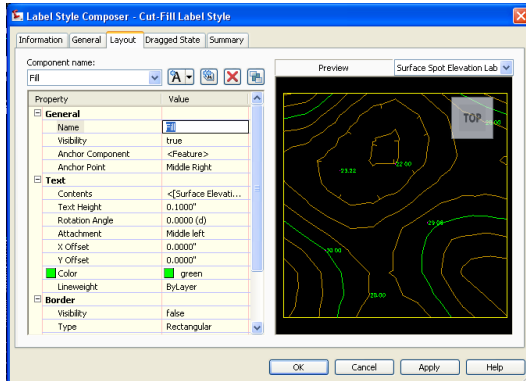


Select the layout tab, and change the name to cut, and change the color to red.

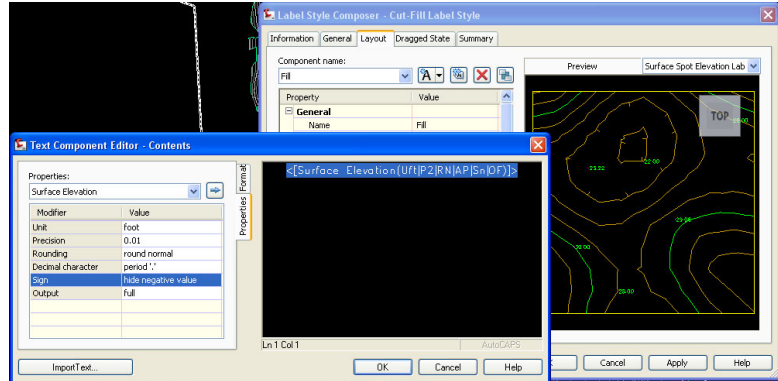


Under contents, select to open the text component editor. Make sure that the sign is set to "sign negative".

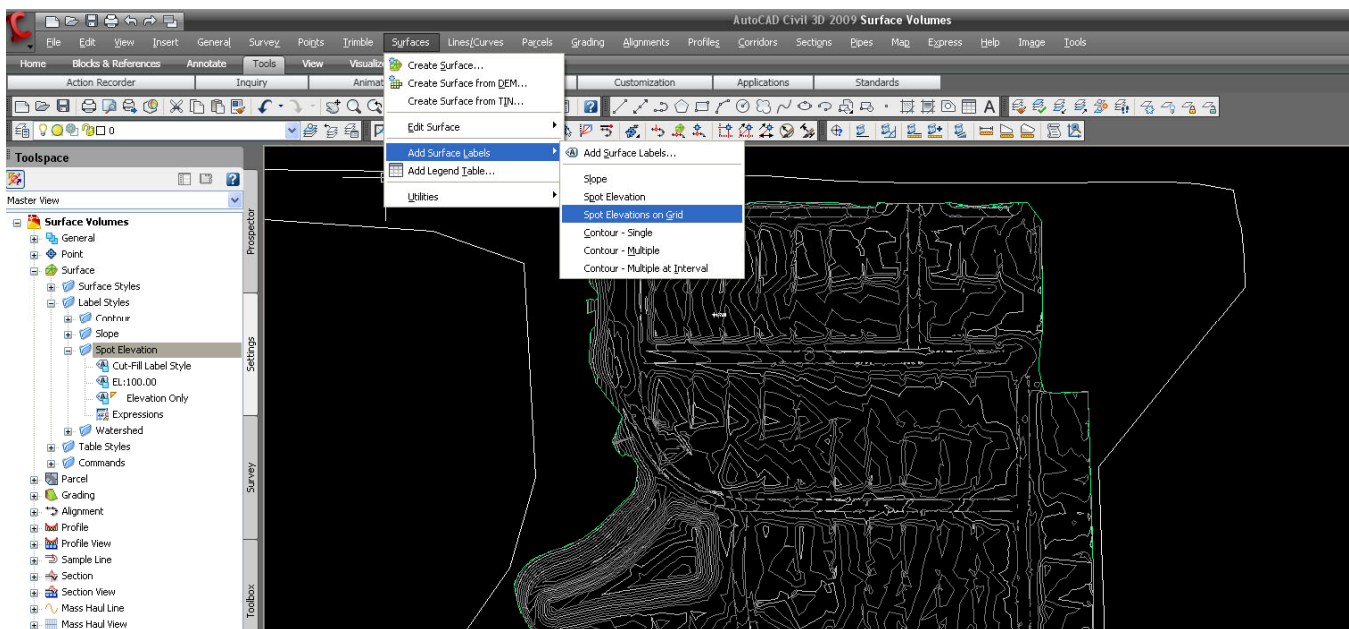
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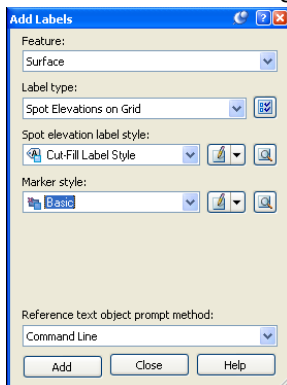
Copy the cut component, rename it to fill, and change the color to green.



Again, under contents, open the text component editor, and ensure the sign is set to "hide negative value".

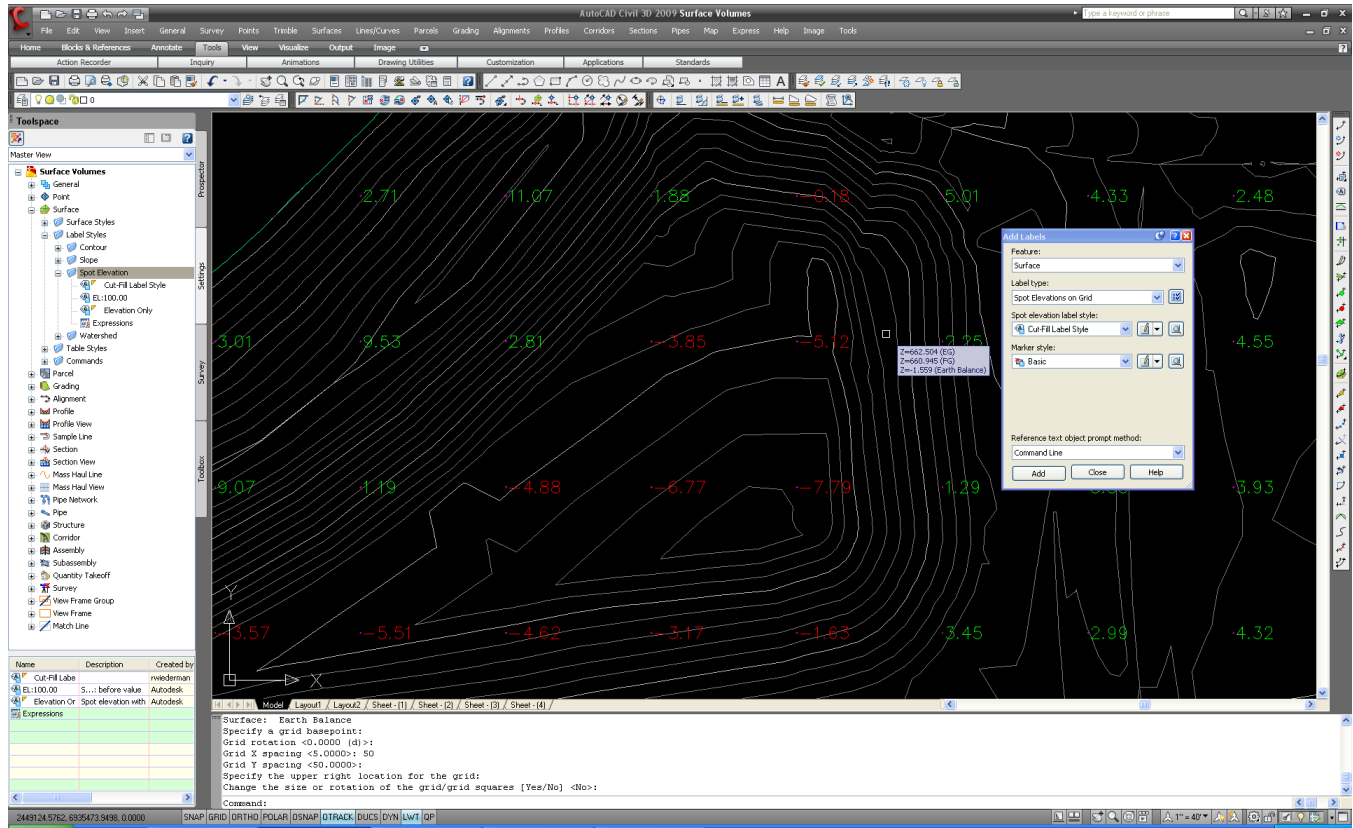


A new cut and fill surface label style has been created. To apply this style to a volume surface, select the surface menu, add surface labels, add surface labels.



In the add labels dialogue, the feature will be set to surface, the label type should be spot elevation on grid, and set the label style to the cut-fill style previously created with the marker optional.

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Finally, after picking the add button, select the appropriate surface, set the suitable grid spacing, and your labels appear. The cut labels are shown in red with a negative symbol, and the fill labels are shown in green and have no symbol.