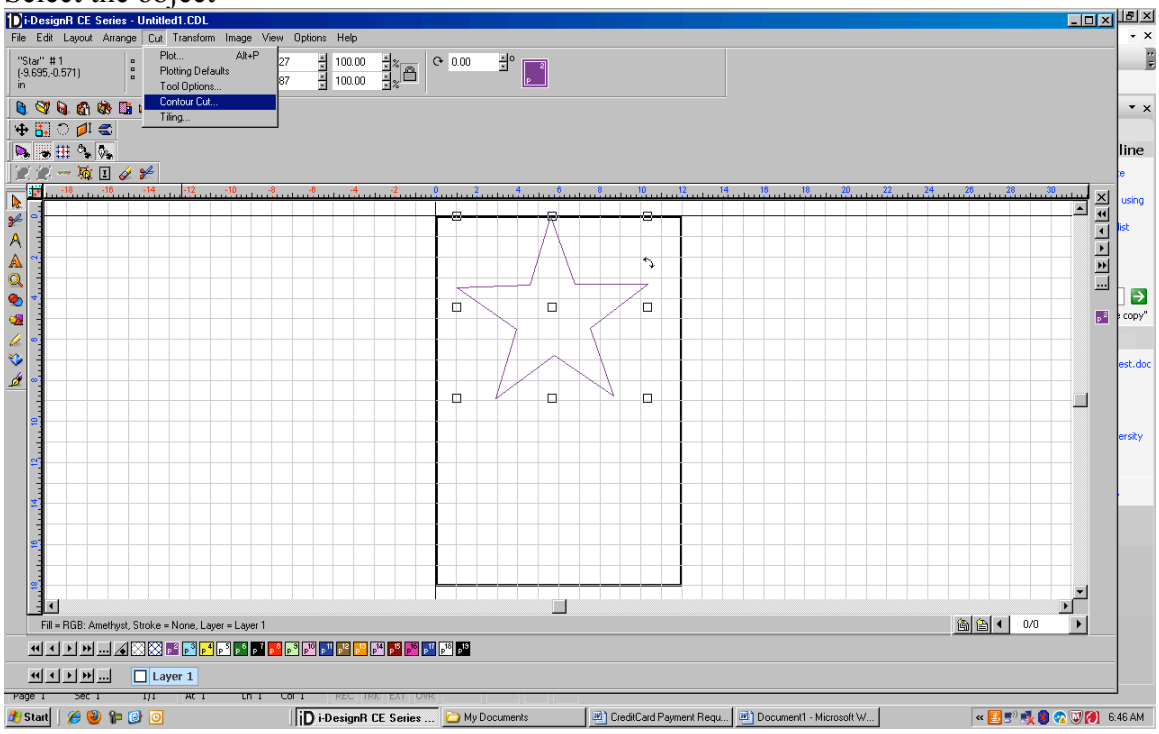
Creating Fills with i-DesignR

Although i-DesignR does not have an automatic fill function, you can still create fills in two ways, Cut Contour and Array.

Fill an Object Using the Cut Contour Function

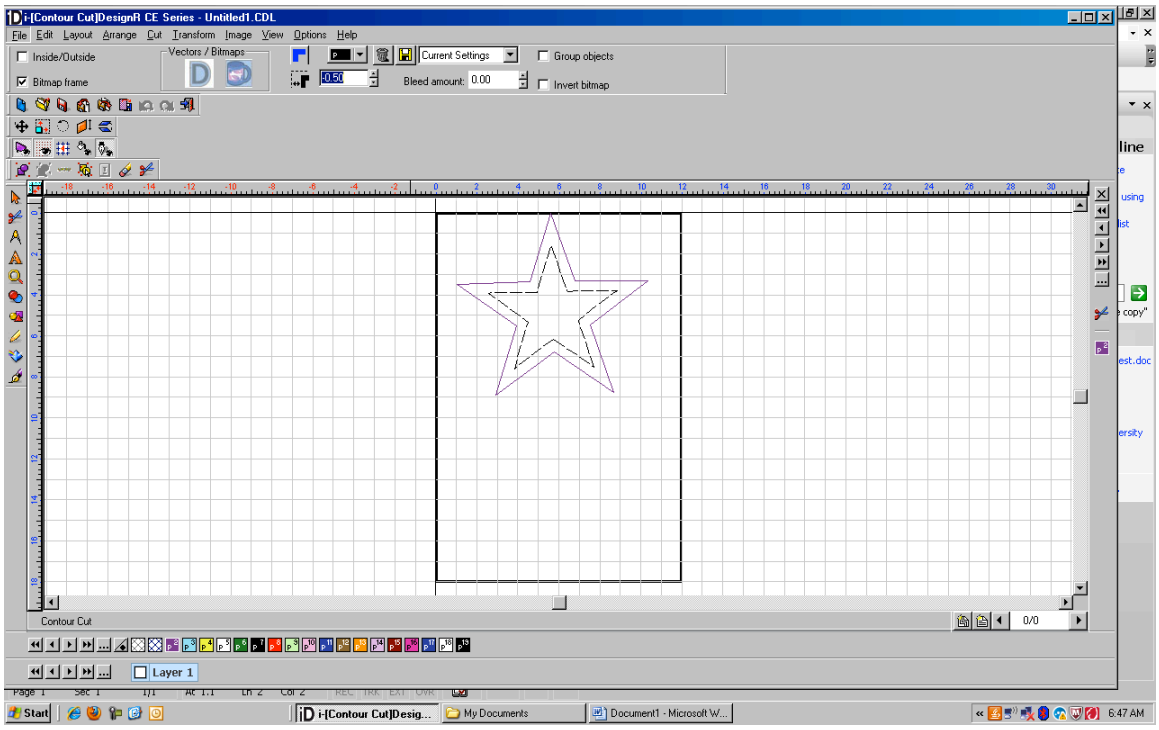
Create a figure

Select the object

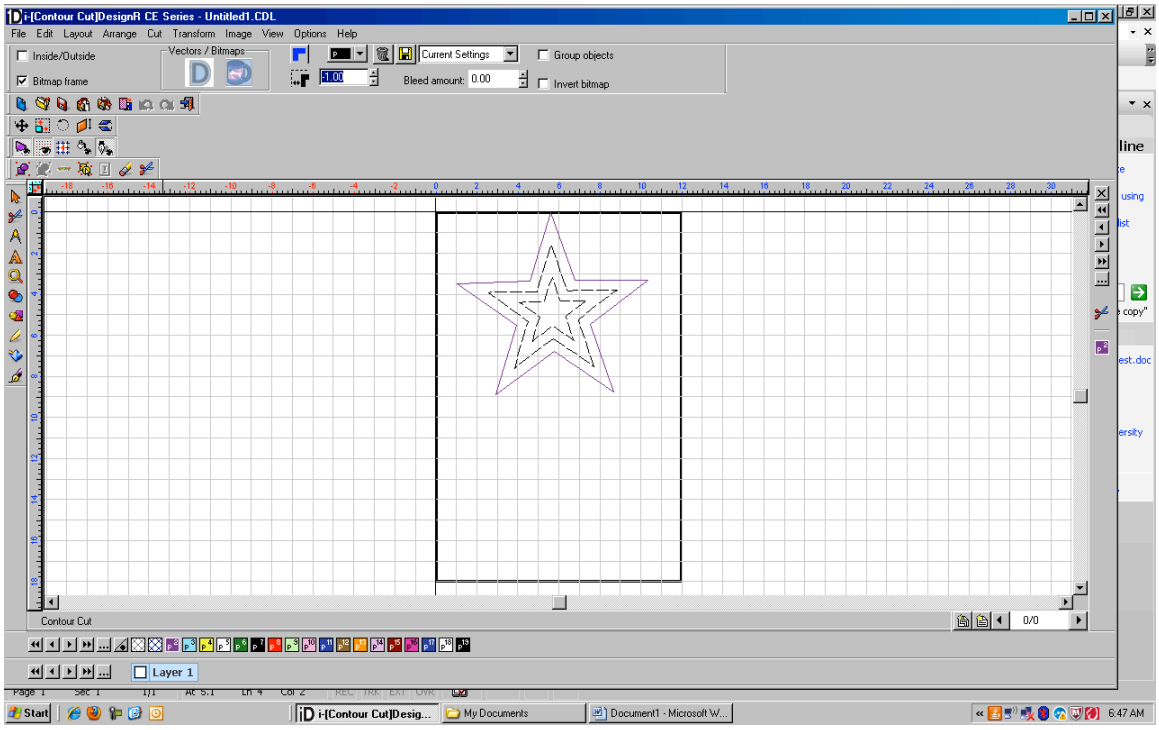


Select the Cut Contour function from the Cut menu

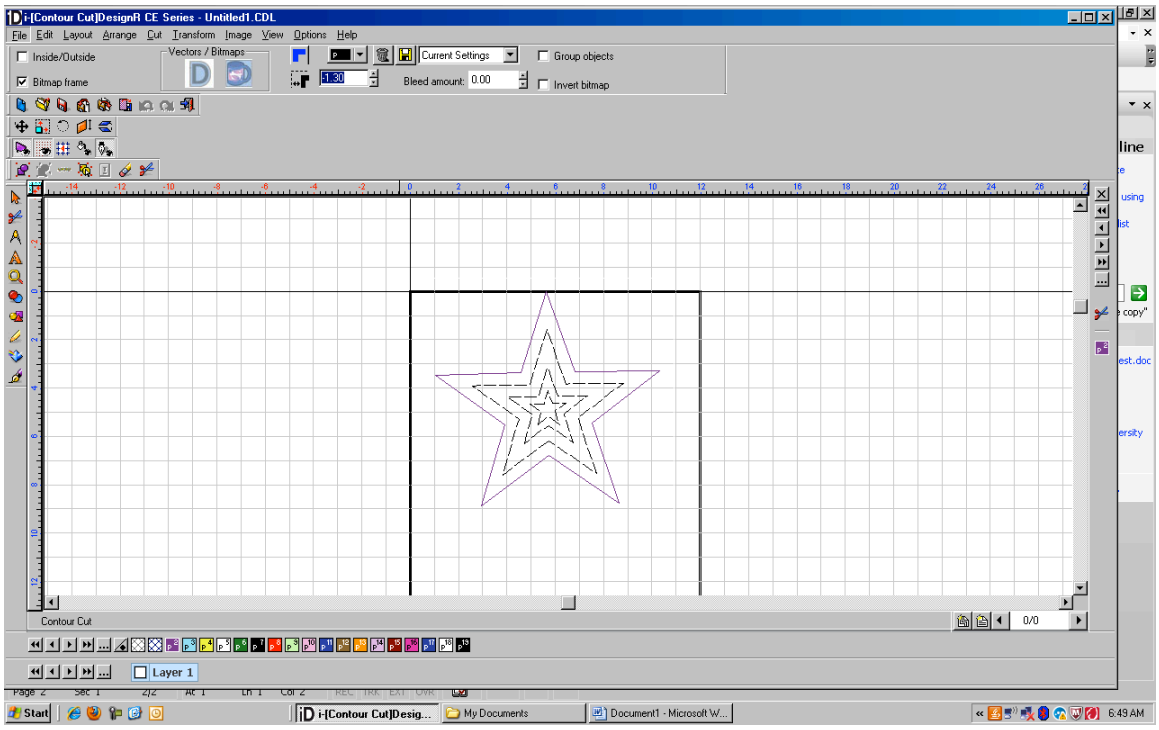
Set the distance for the interior fill line, in this example -0.20” was used. If you use a positive value, the contour is outside the object.



Then repeat. Select the Cut Contour function from the Cut menu with a new value to fill. In this example the value was decreased by 0.2 each time, so the second contour value was set to-0.40.

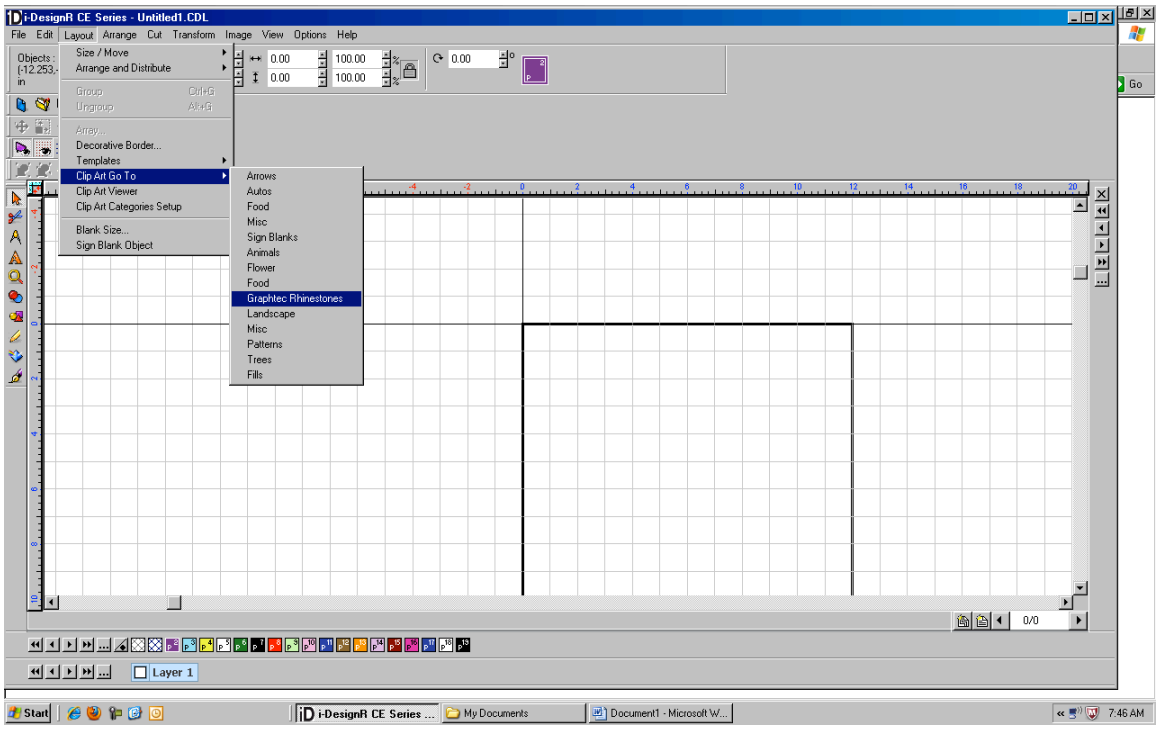


Repeat the Cut Contour again with a value of -0.060, etc

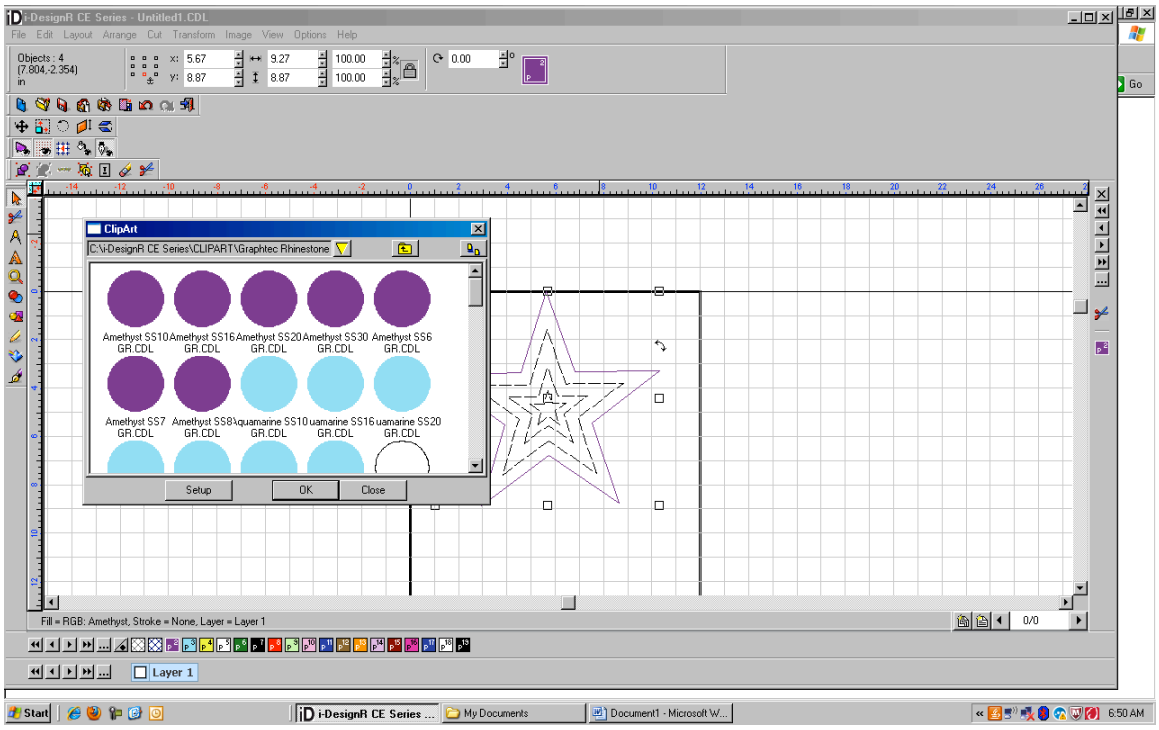


Select All and Group

Go to the Rhinestone Clip Art library from the Layout menu and choose Clip Art Viewer or if you followed the directions in the i-DesignR set up video, it is an icon you can just select.

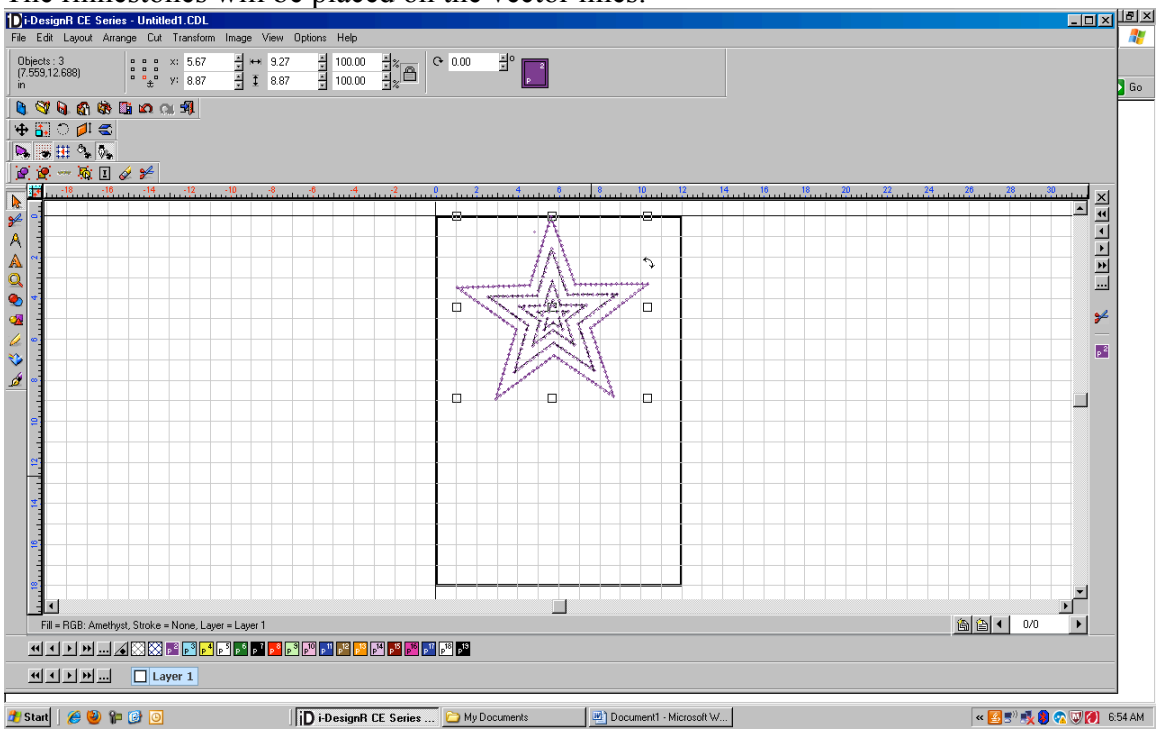


Select a rhinestone color and size

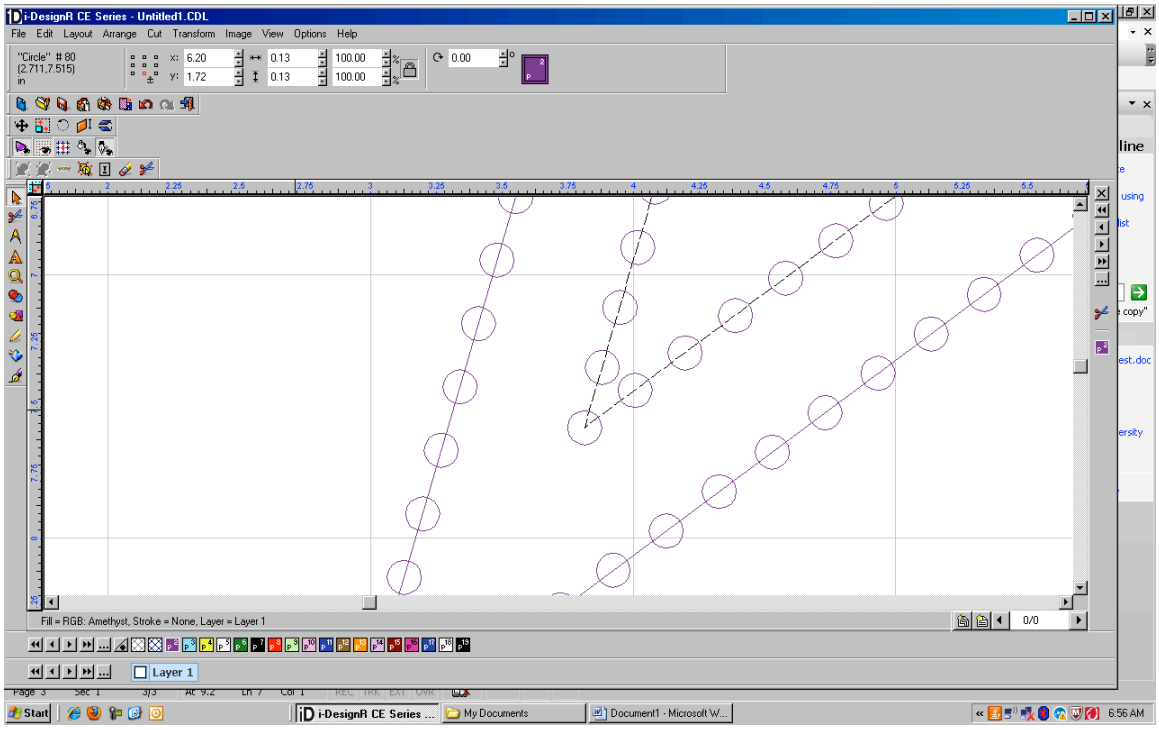


From the Transform menu, choose Fit Object to Path, or if you followed the i-DesignR set up video, it is a desktop icon you can select.

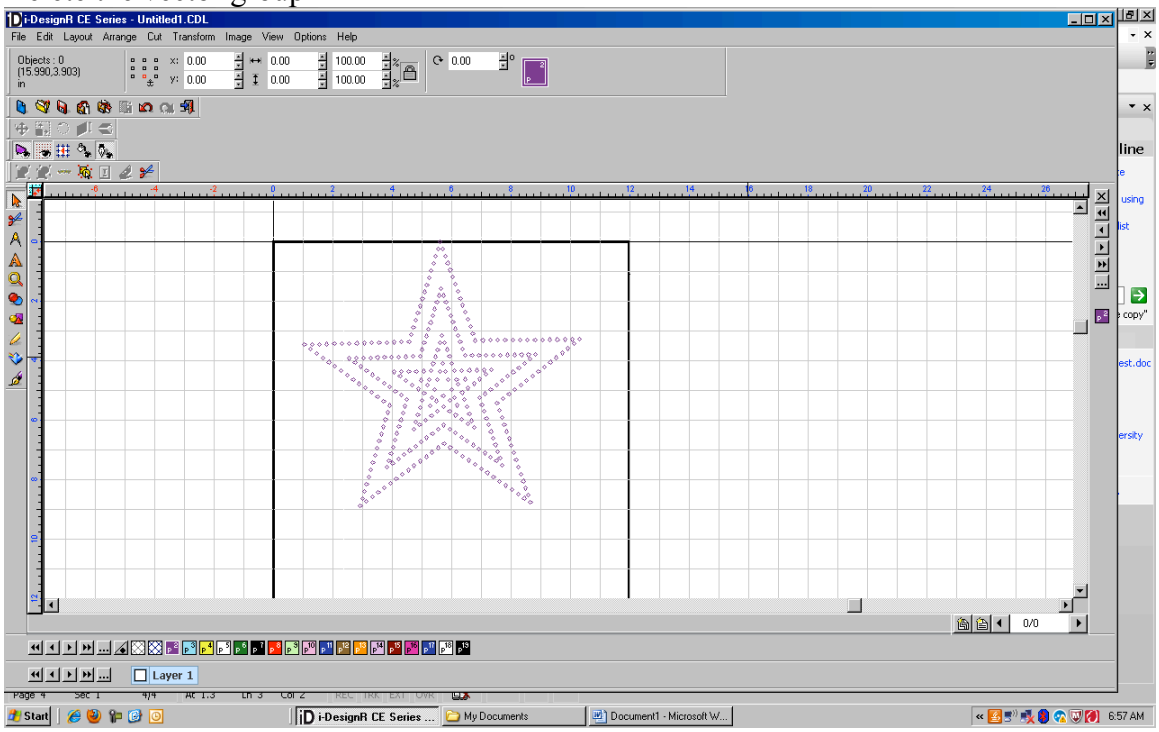
Set the Rhinestone Spacing, in this example .25 was used. You may need to increase or decrease the spacing depending on the rhinestone size. Click OK
The rhinestones will be placed on the vector lines.



Zoom in on a section

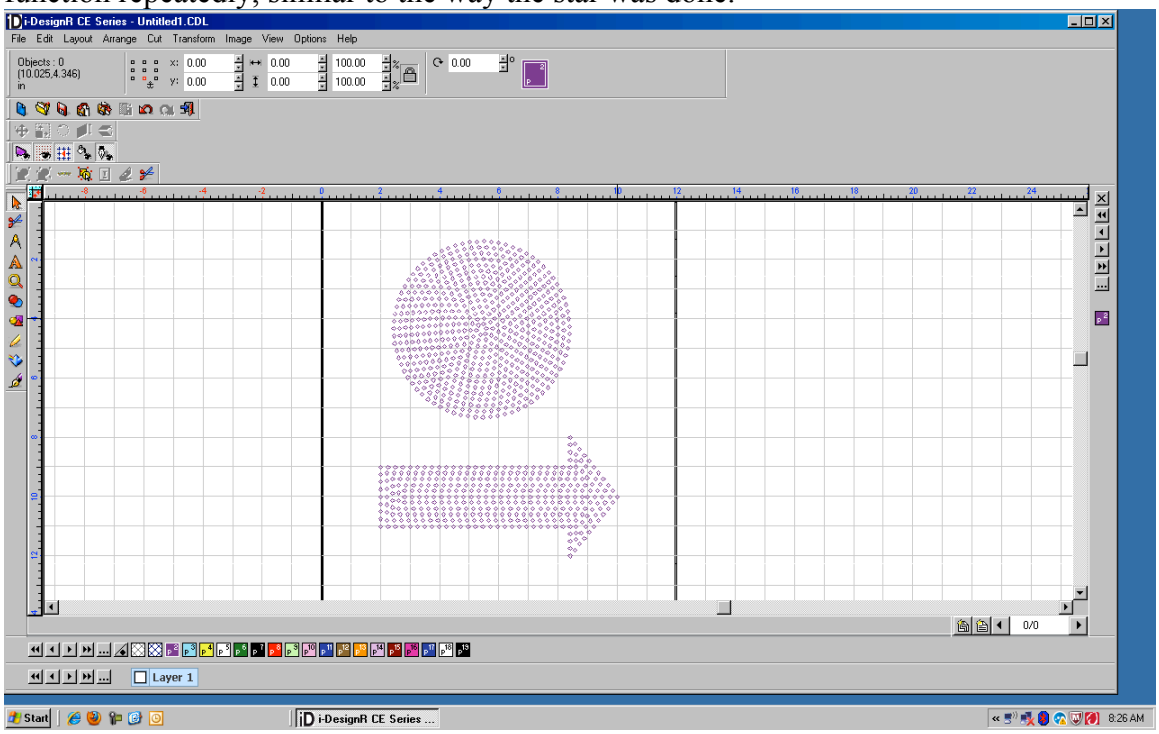


Delete the vector group



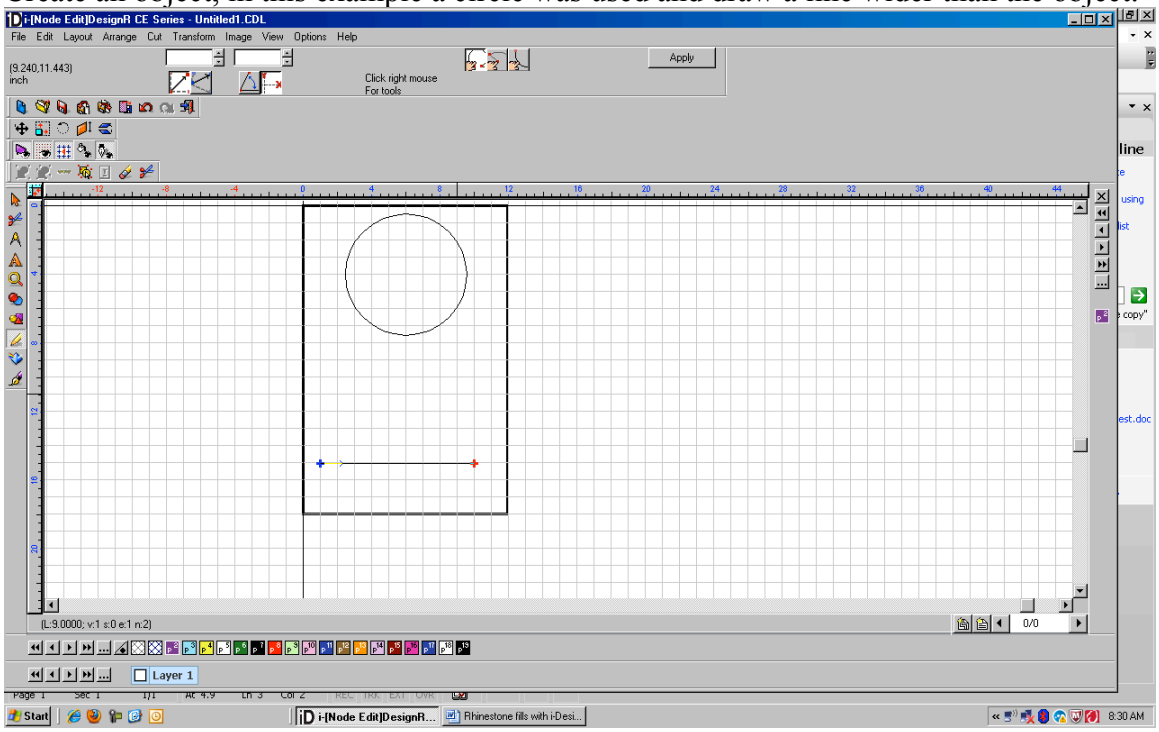
Now you can cut with the CraftRobo Pro and Graphtec rhinestone stencil

This will also work with other figures too, but needs a bit of experimentation.
For example the circle and arrow shown below were filled using the “Cut Contour” function repeatedly, similar to the way the star was done.

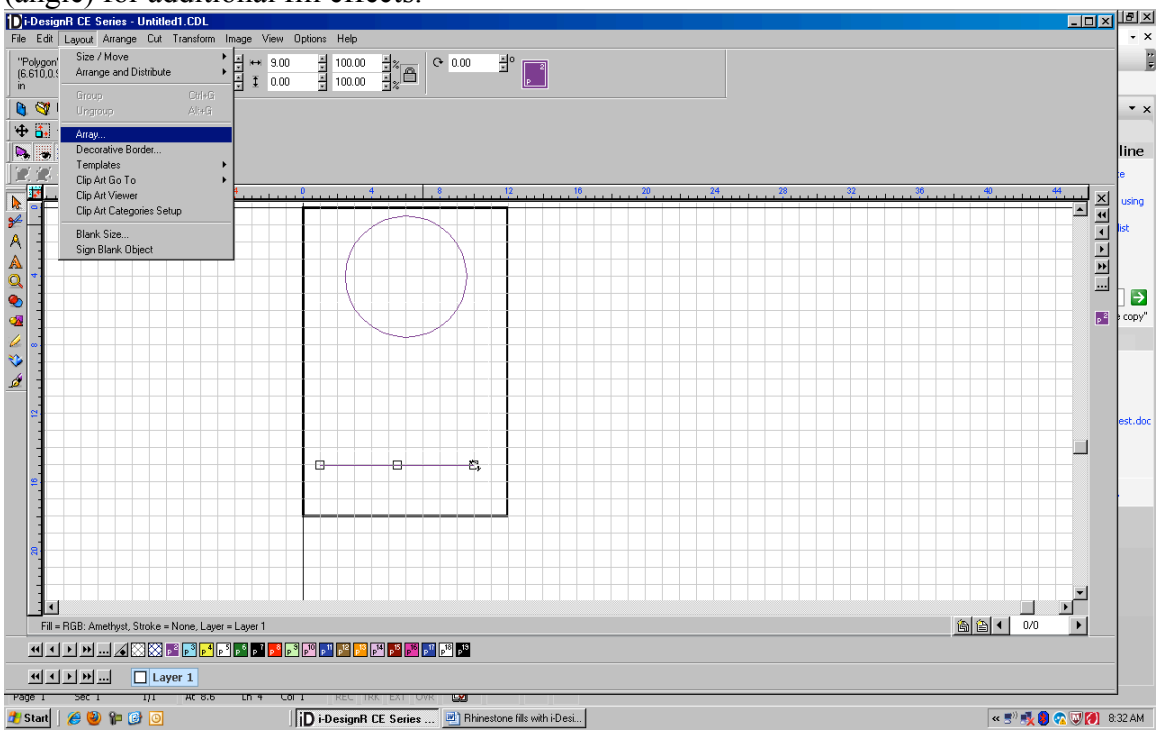


Fill an Object Using the Array Function

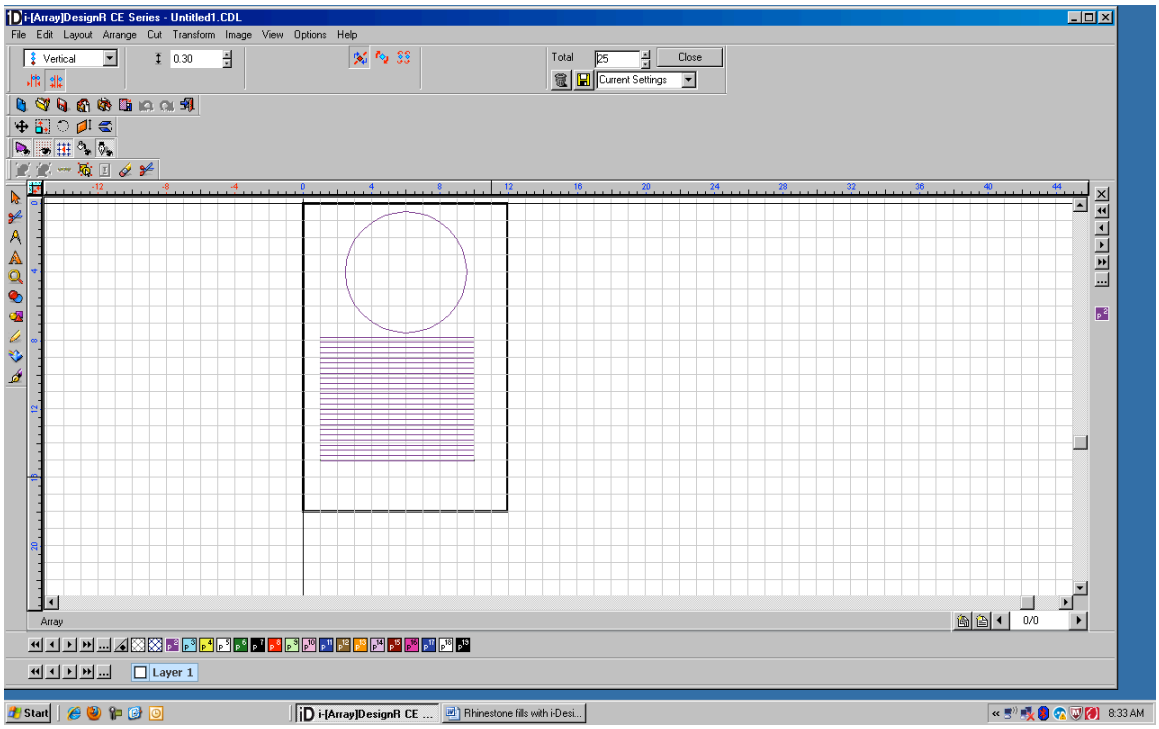
Create an object, in this example a circle was used and draw a line wider than the object.



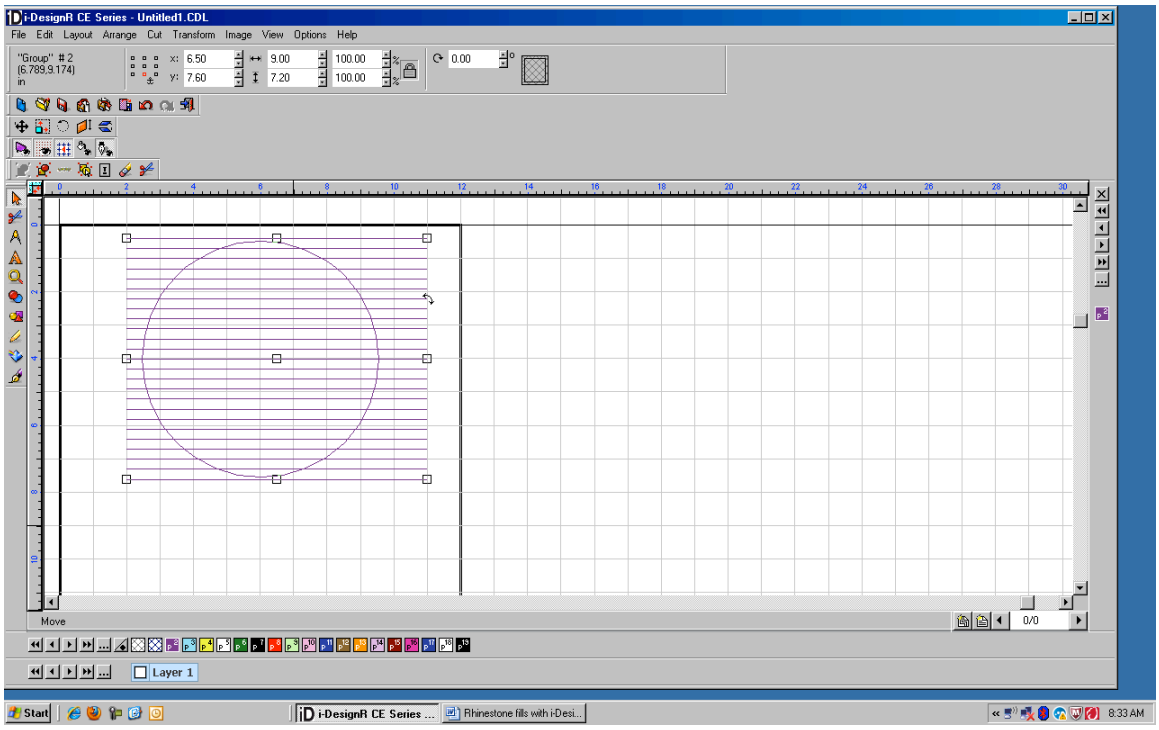
Make horizontal copies of the line with the Array function from the Layout menu, for this example 25 vertical copies were made 0.30” apart. You can also change the rotation (angle) for additional fill effects.



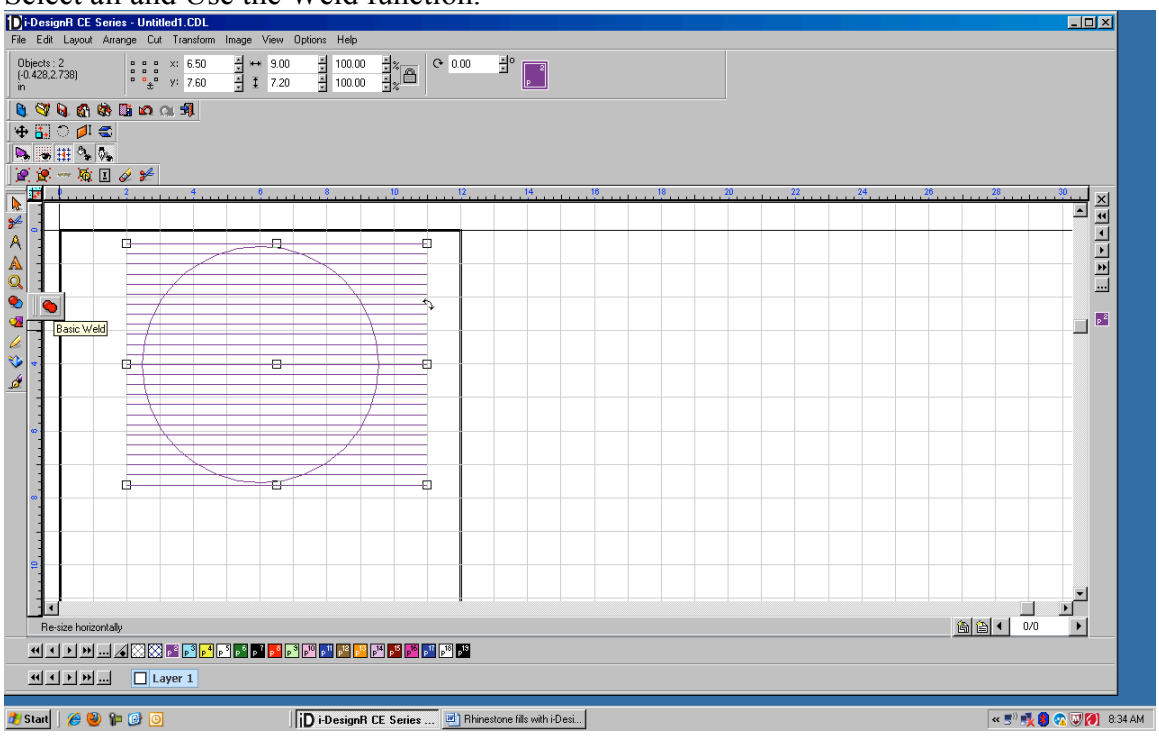
The result is shown below.



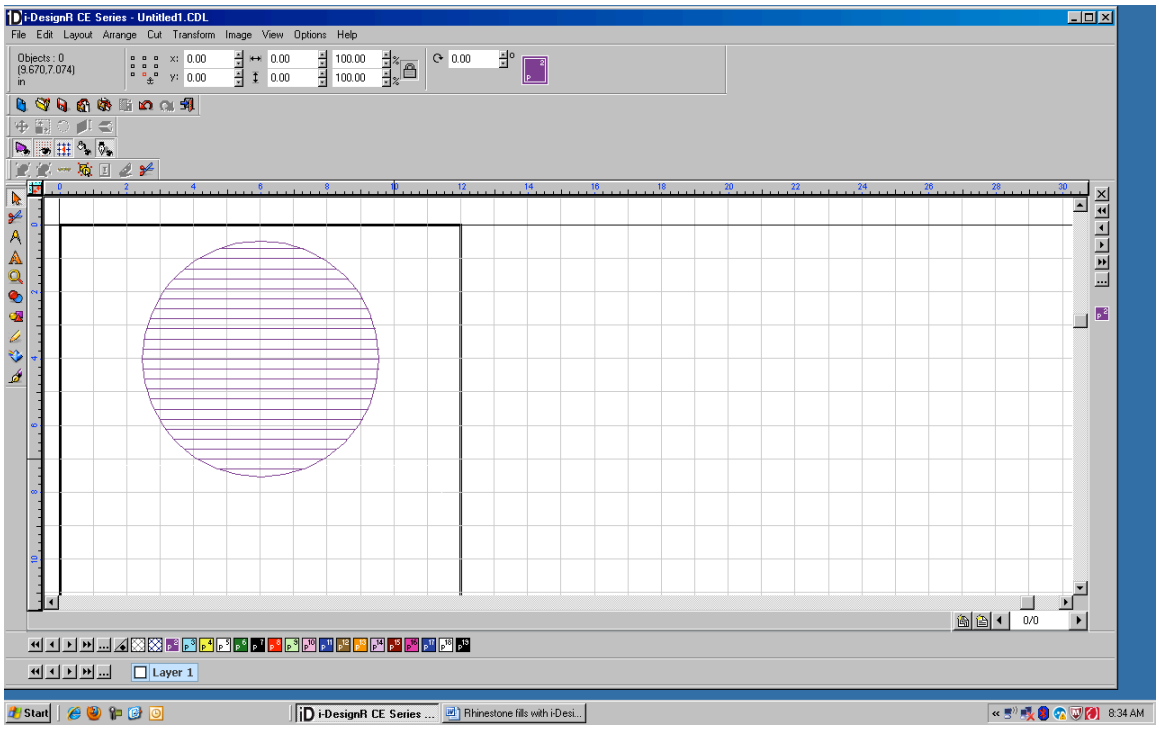
Move the lines over the circle.



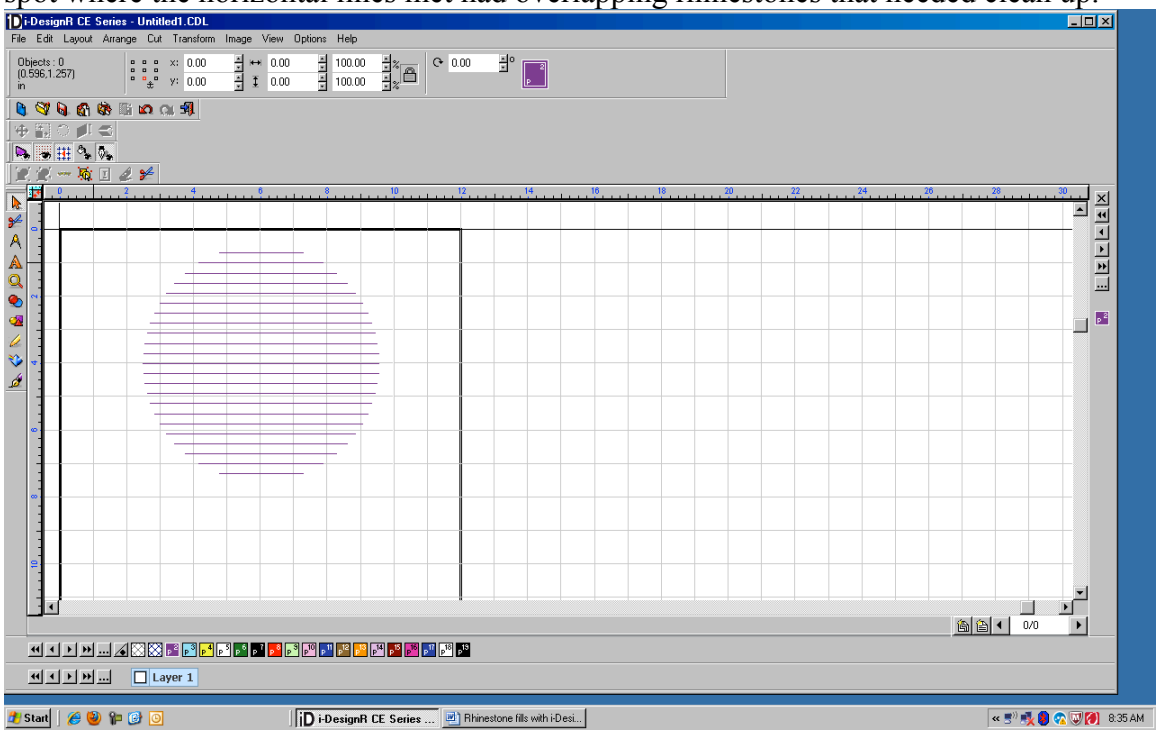
Select all and Use the Weld function.



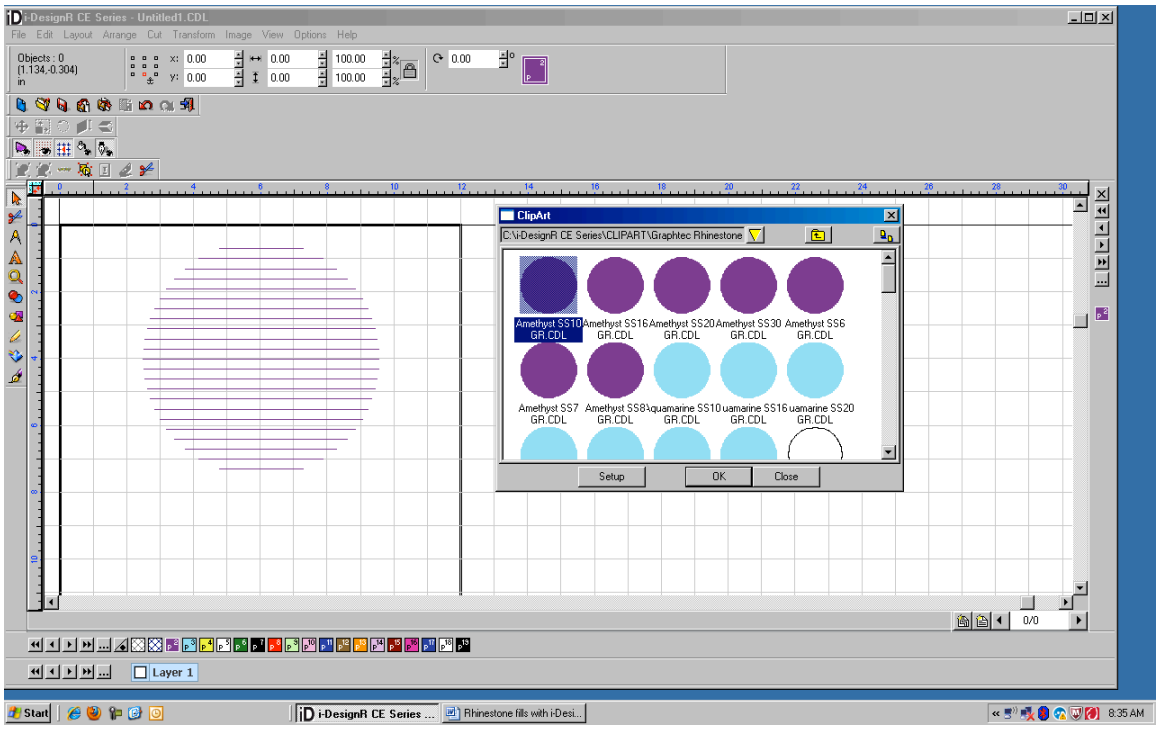
The line segments outside the circle will be deleted.



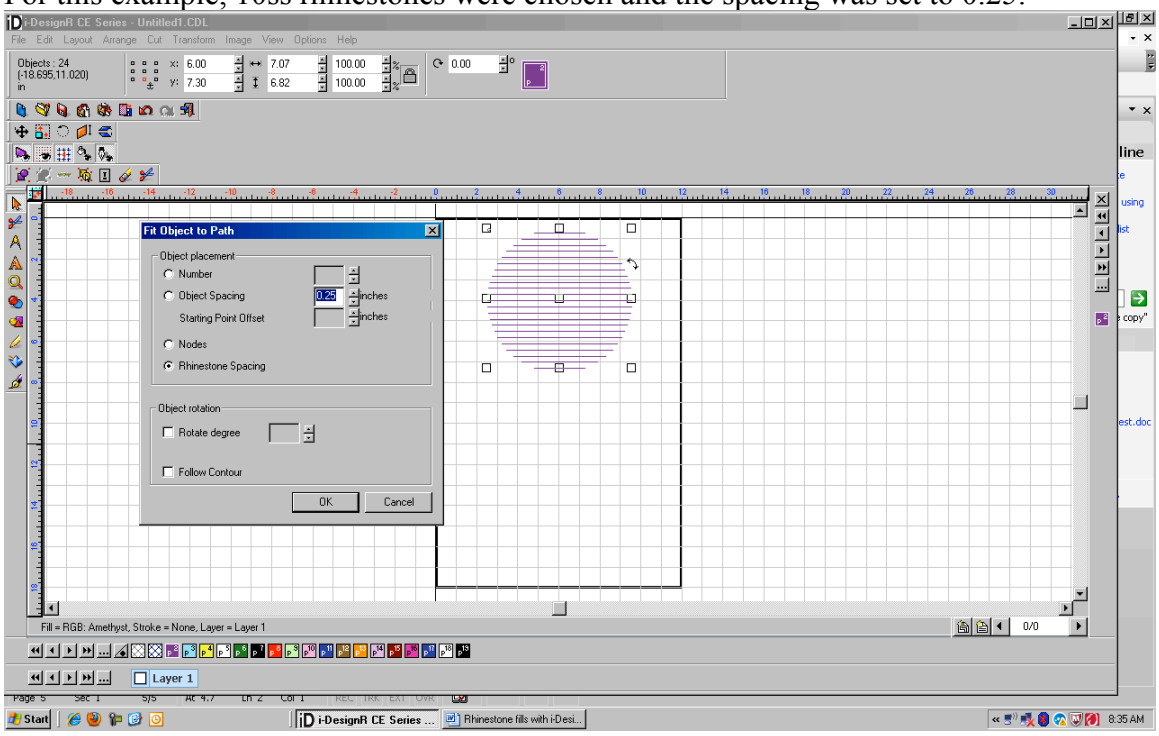
For this example, the outside circle was removed since the outside line (circle) and the spot where the horizontal lines met had overlapping rhinestones that needed clean up.



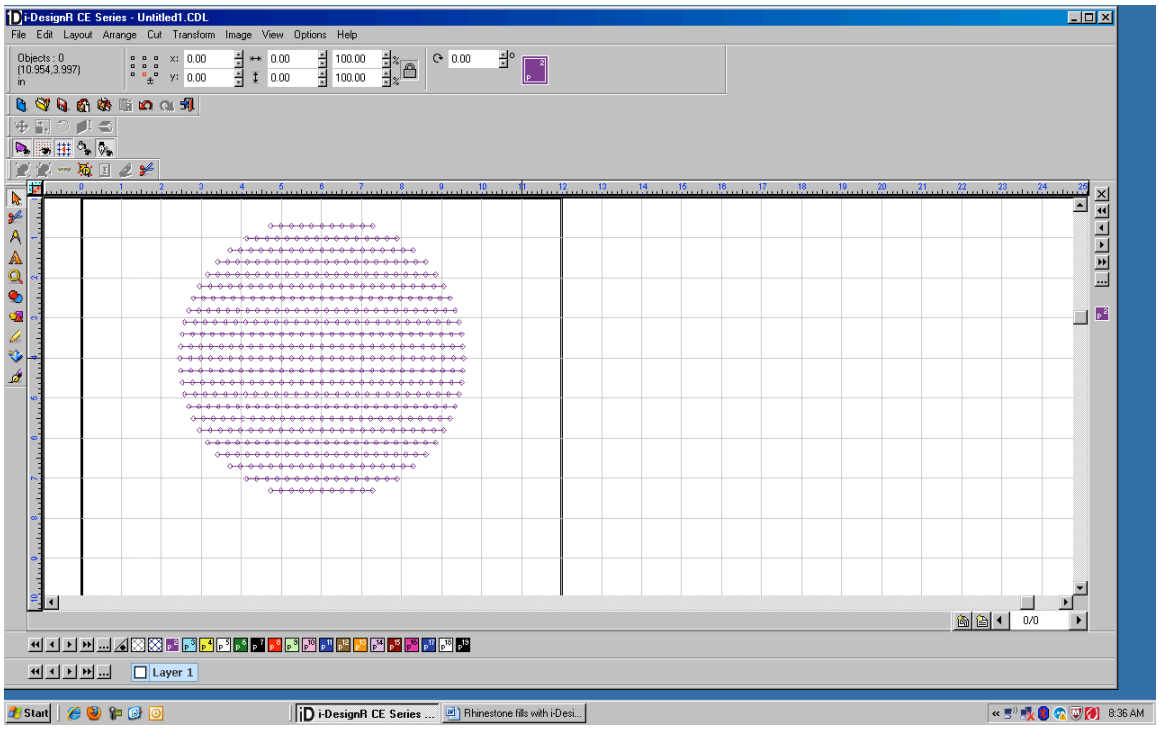
Choose the rhinestone size and color.



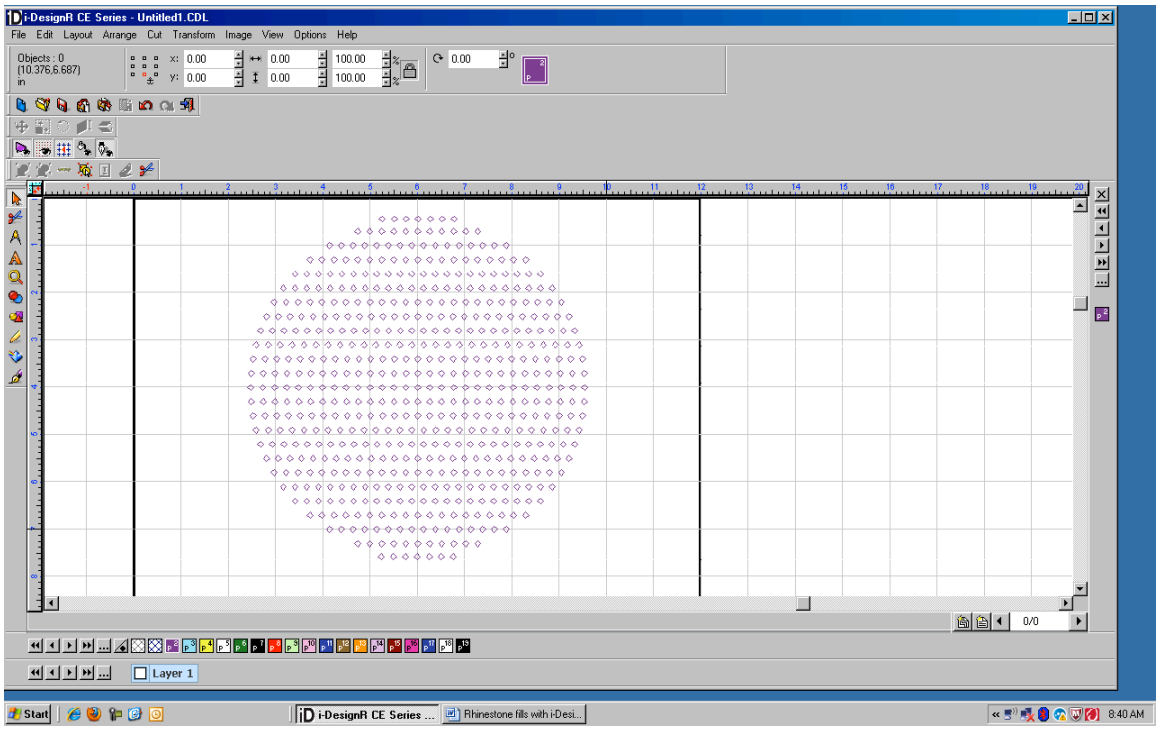
For this example, 10ss rhinestones were chosen and the spacing was set to 0.25.



Select All and use the Fit Object to Path function to apply the rhinestone to the lines. Delete the lines.



A short line of extra rhinestones were added at the top and bottom to “round out” the circle.



This is not automatic filling, but works faster than setting stone patterns manually.