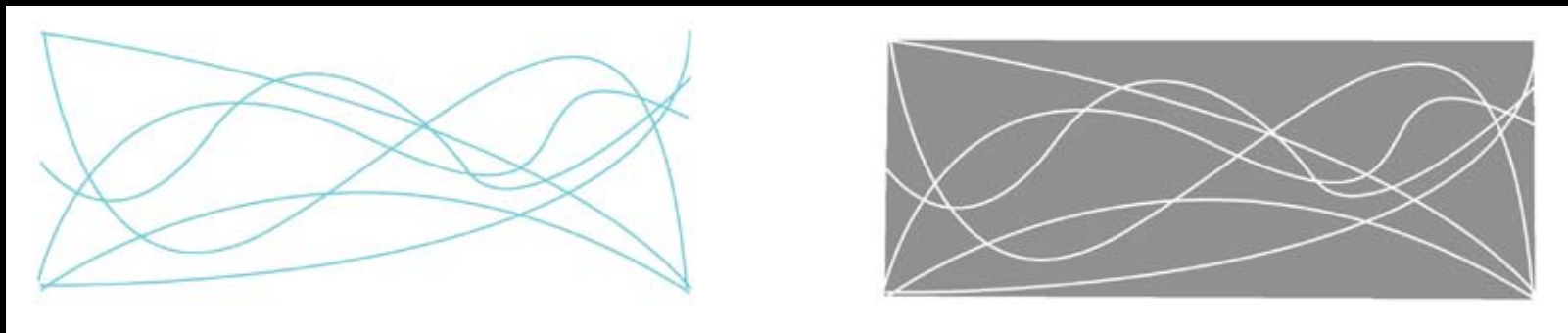
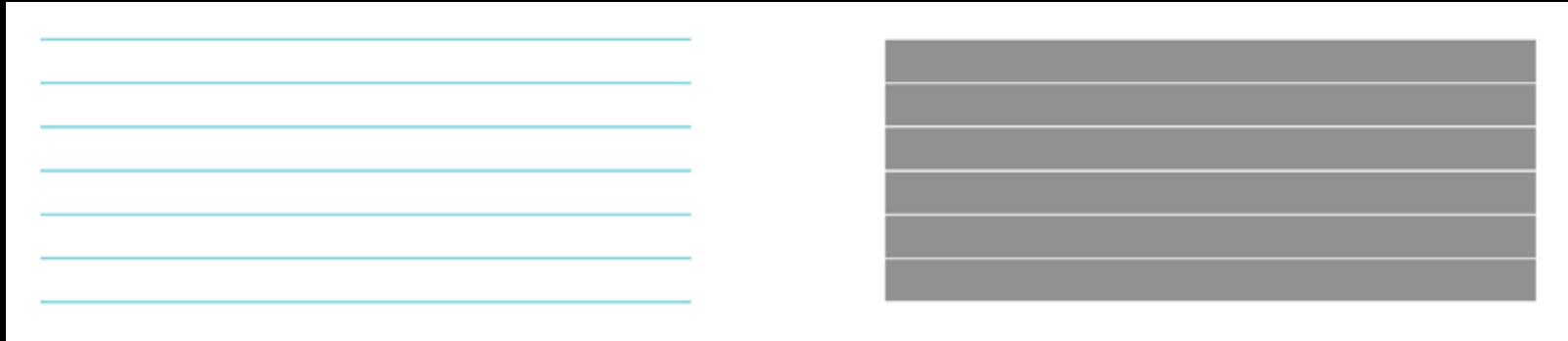
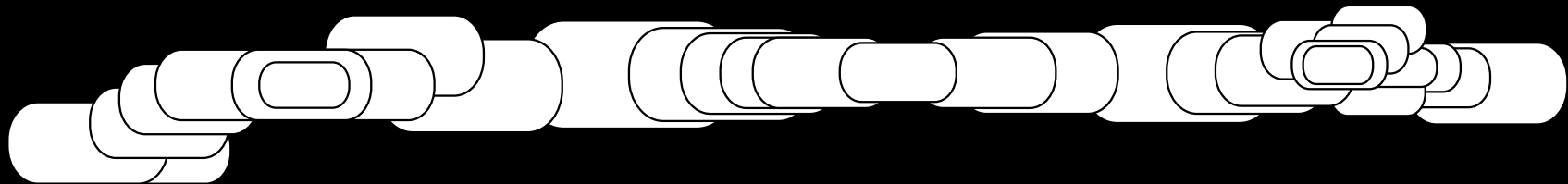


EMERGENCE : questioning ground plane association\_shima ghafouri





disruption of the structural grid

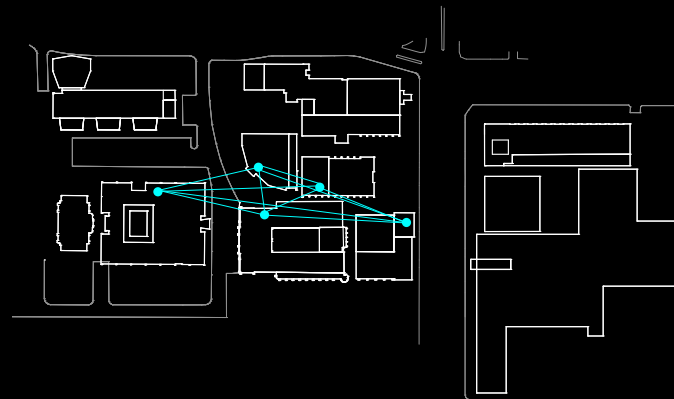


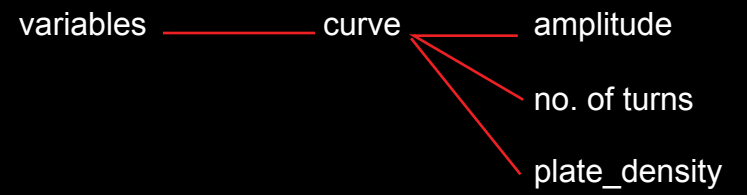
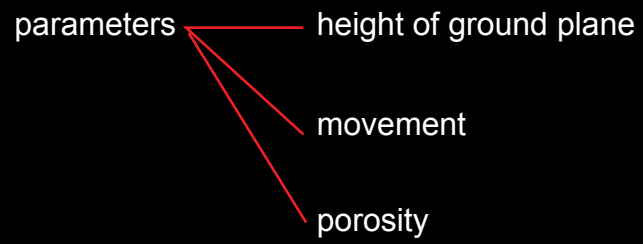
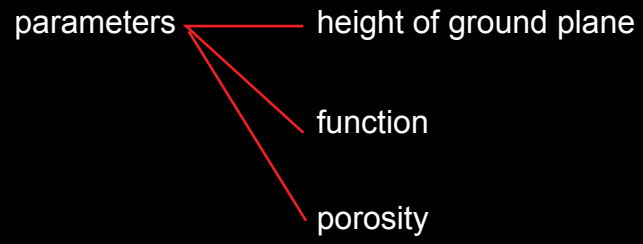
unfolding & elevating the ground plane

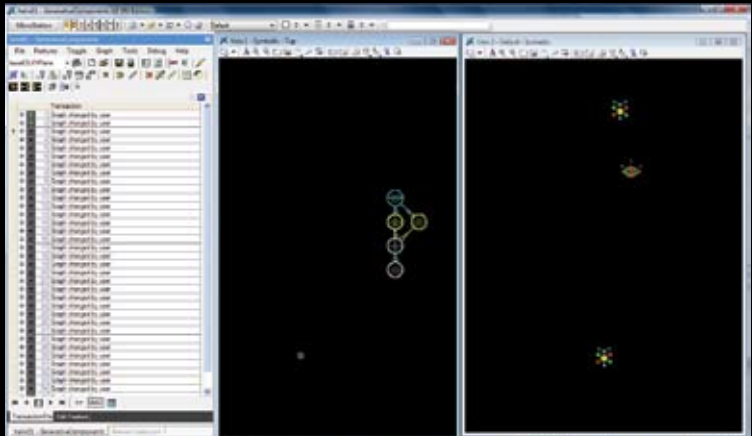
nodes identified on site

growth & considering new connection routes

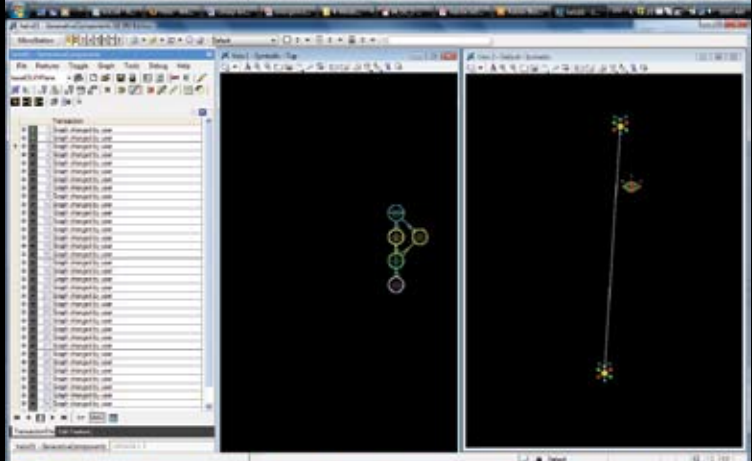
main flows through the site  
diverting the main flow from the ground plane



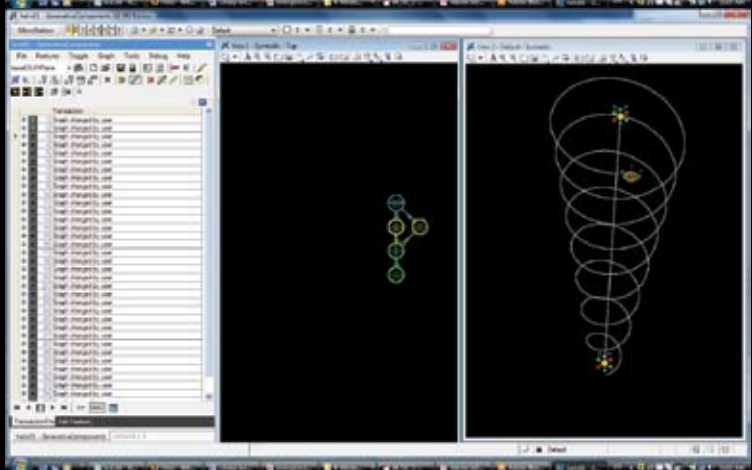




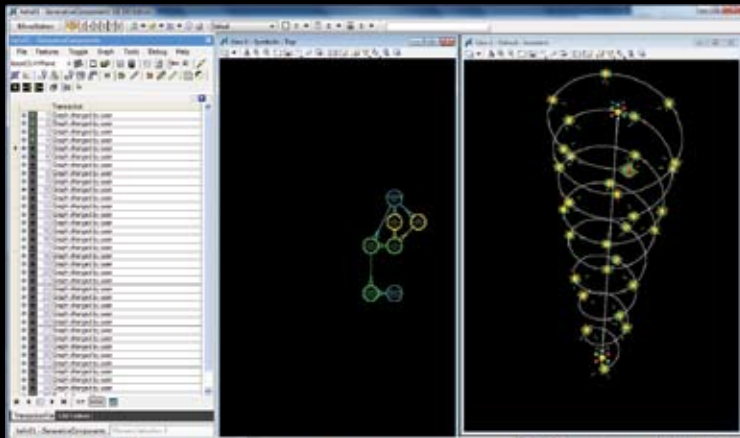
a helix is created from starting points & axis line.



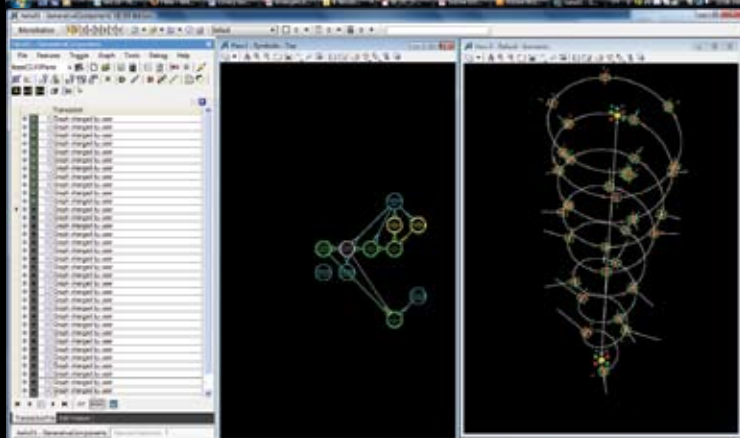
helix variables:  
Start radius  
End radius  
no of turns



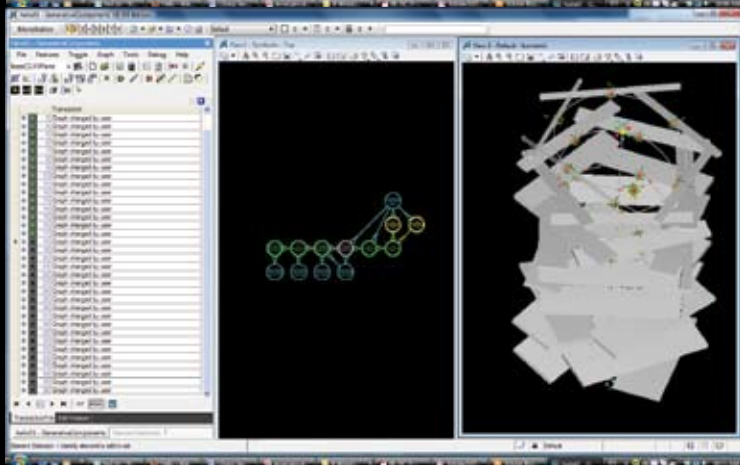
a new cartisian coordinate is created along the curve



graph variable is added to control the number of cartesian coordinates.

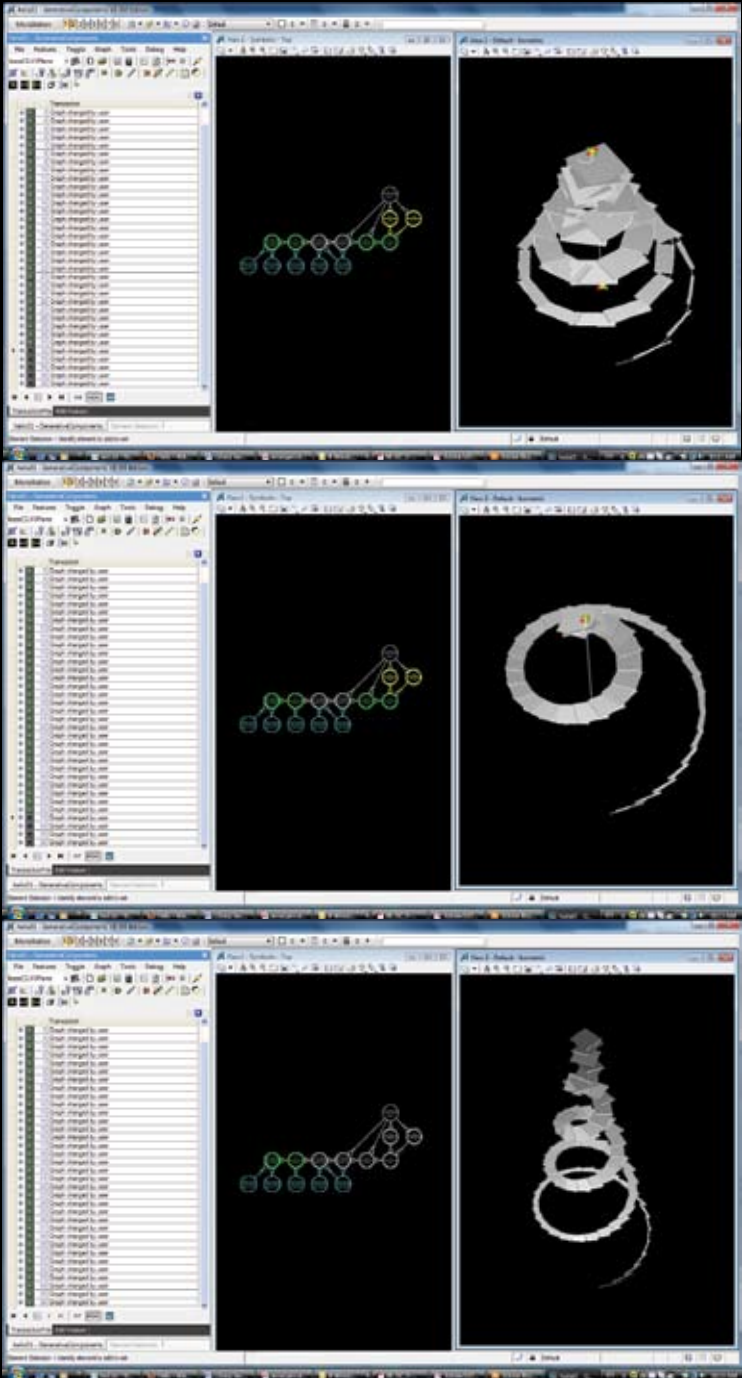


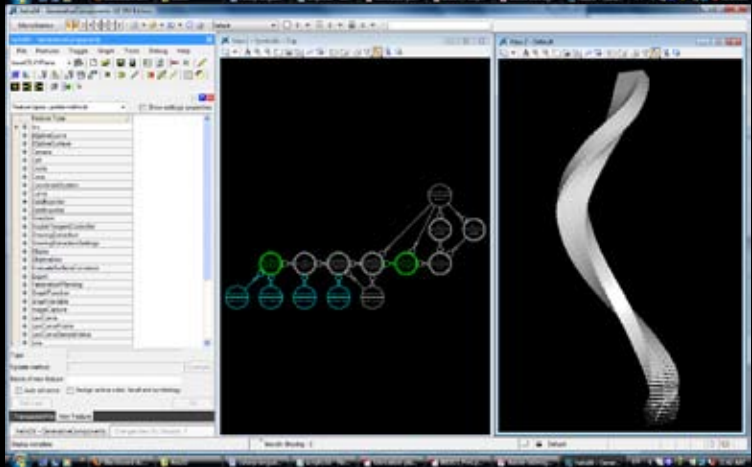
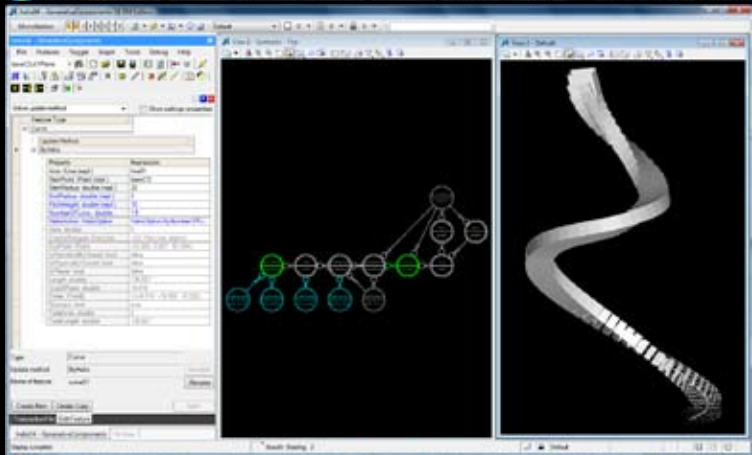
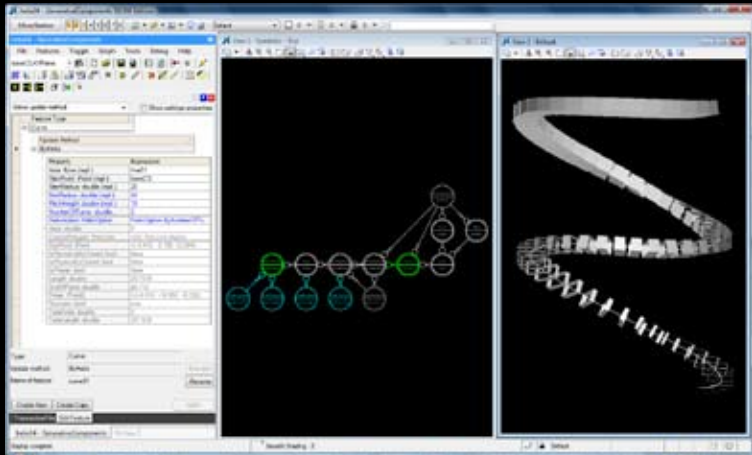
lines are extended in relation to the X.direction of teh cartesian coordinates.  
different directions have been experimented.

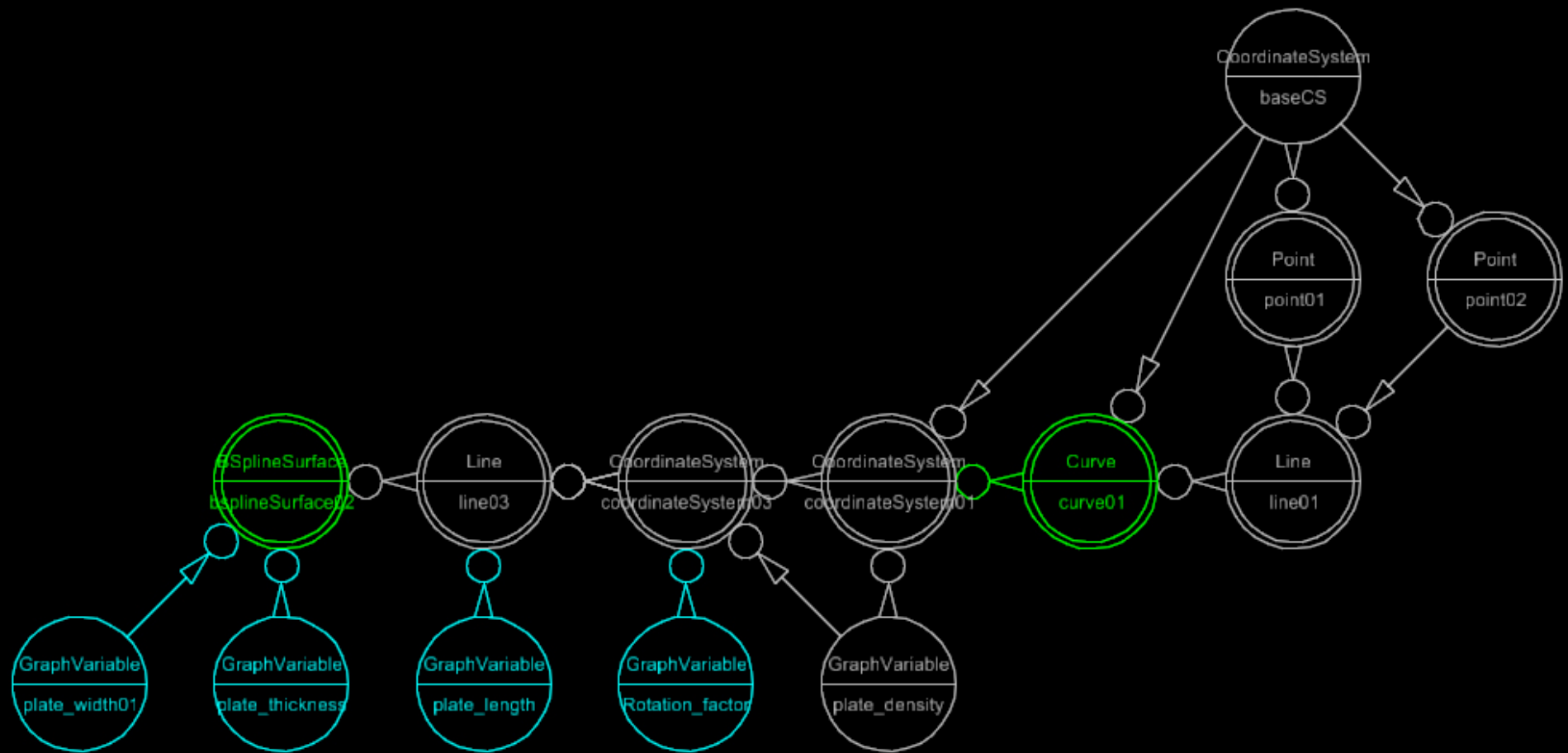


graph variables added for controlling the plates parameters:  
density  
length  
thickness  
width  
rotation factor

experimentation with outcomes







the selected form was then taken into rhino & rearranged on a flat plane. The plates were converted to a single surface with a certain amount of thickness for fabrication. The material intended for fabrication is perspex with a reasonable thickness & the plates will be connected via a stacking effect.

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