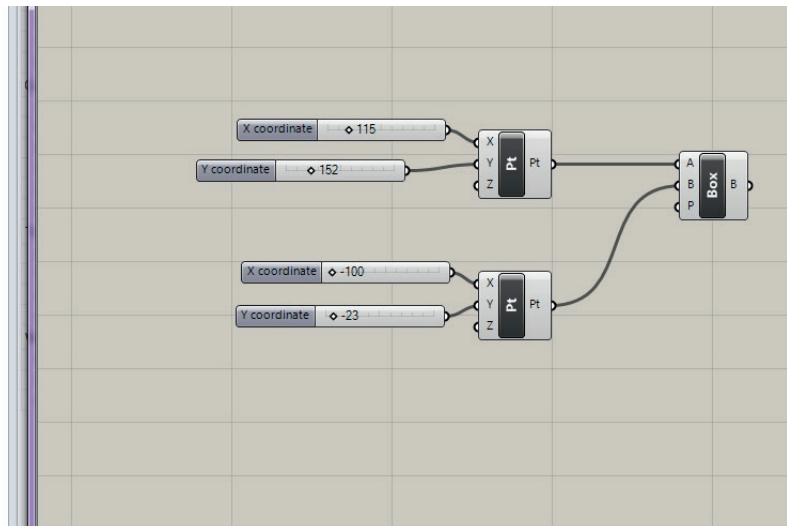
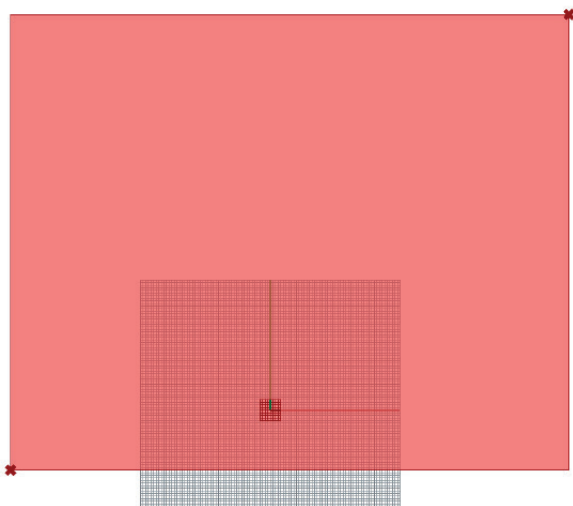


The Spider net neckless Tutorial



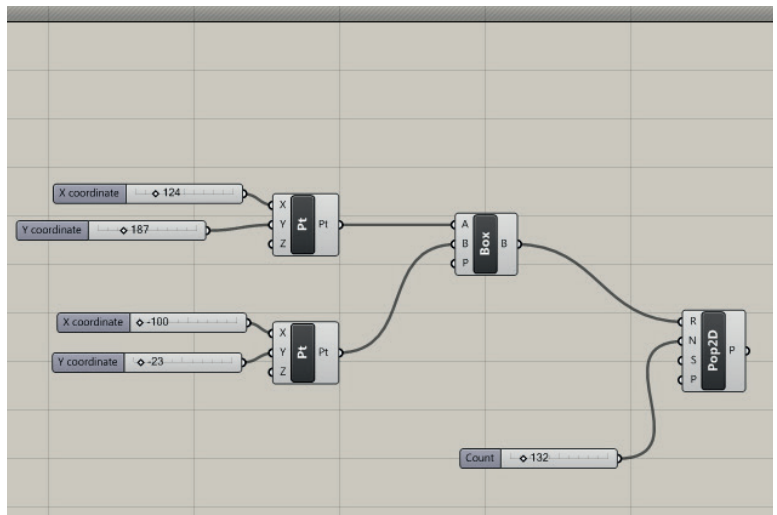
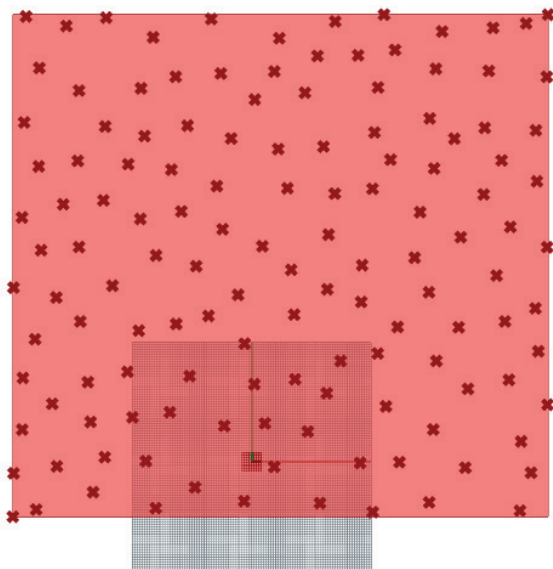
Step 1

Create a rectangular plane, which will represent the outline of the neckless.



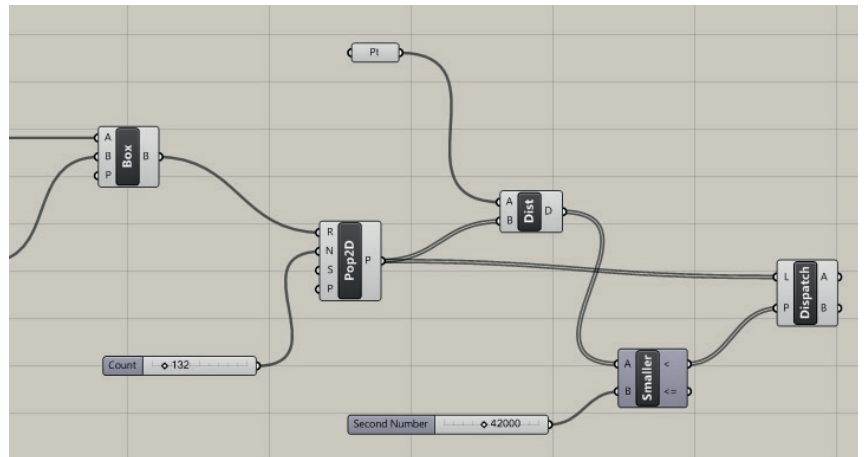
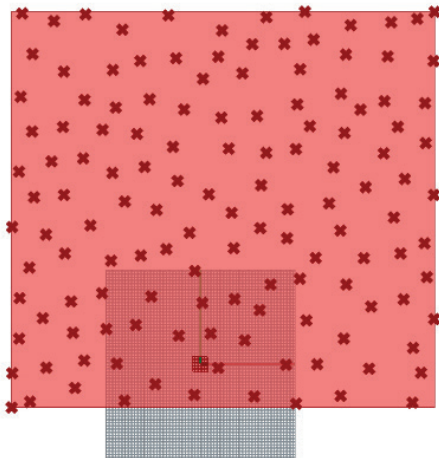
Step 2

Create a multitude of points by the component : Populate 2D.



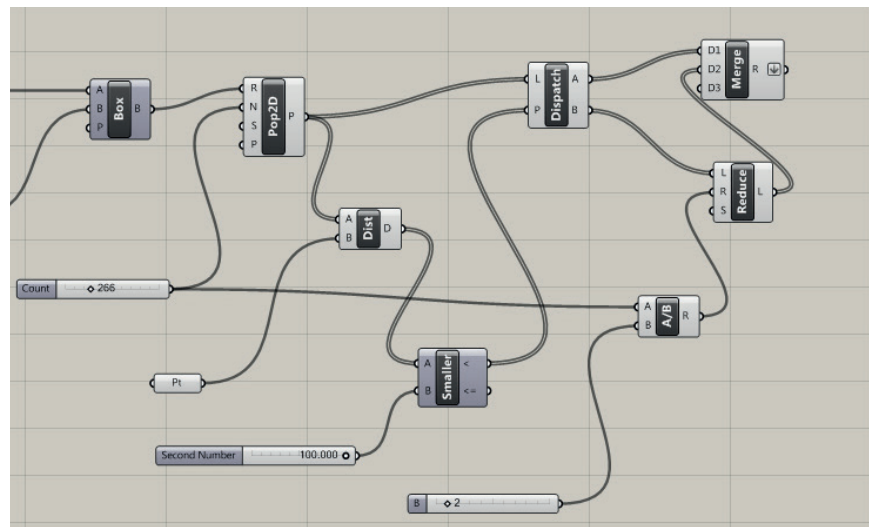
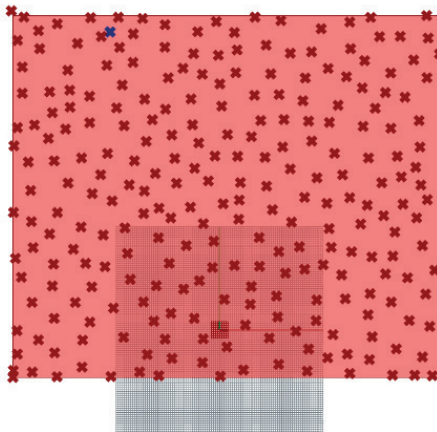
Step 3

Create a point, according to which the arrangement of the “populated” points and the size of the small geometrical forms in the spider net, will depend.



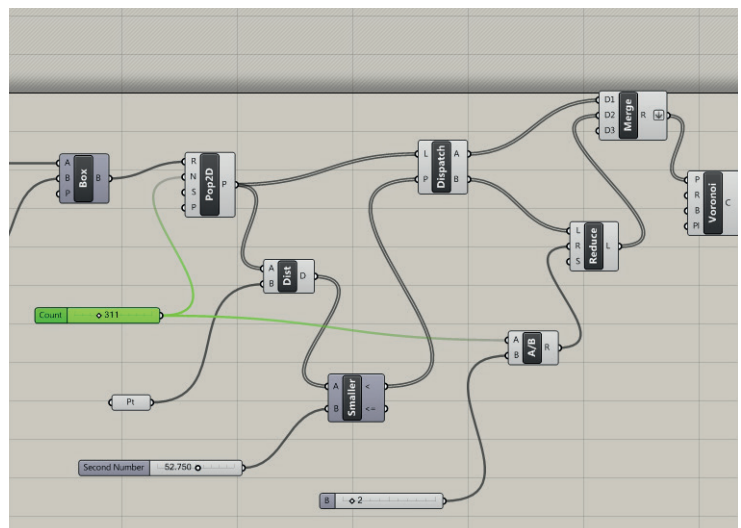
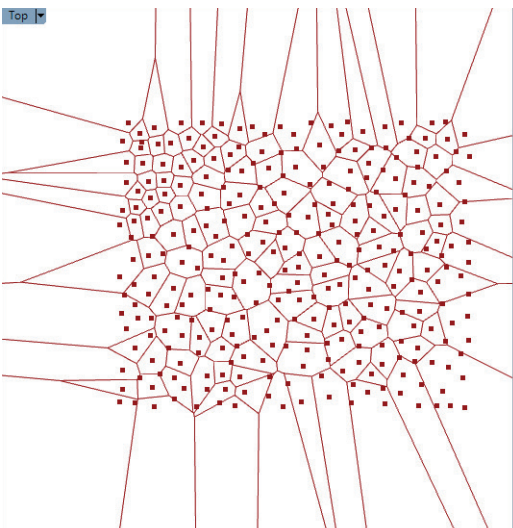
Step 4

Create a second dependence/subordination that will determine the size of the “big” geometrical forms of the net.



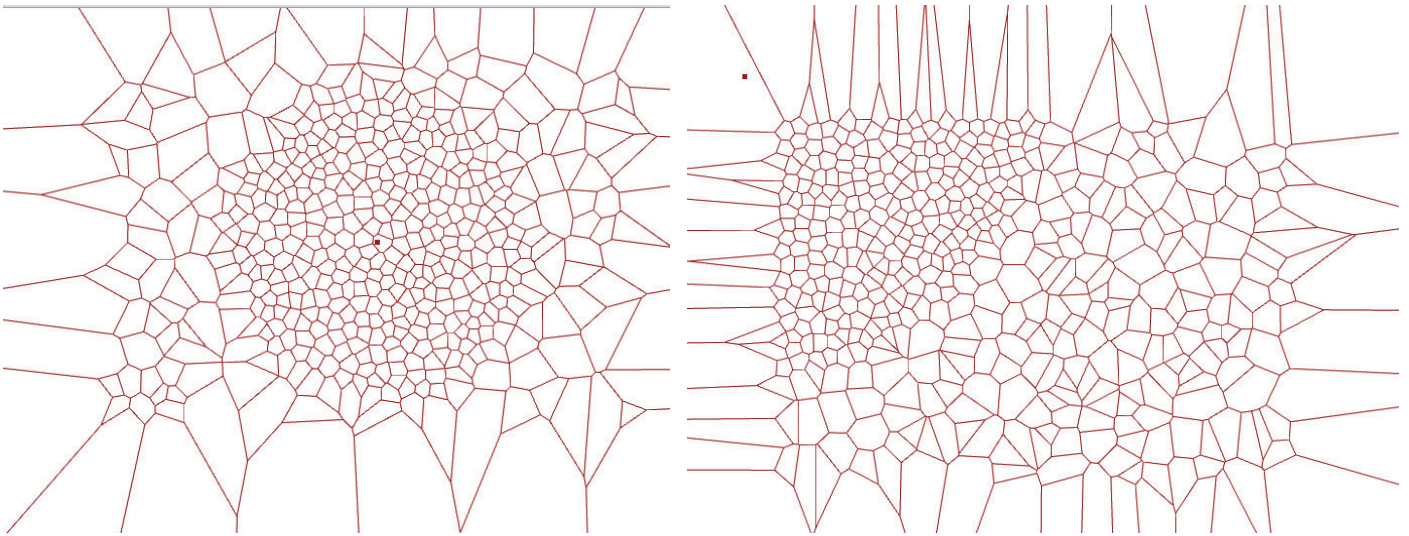
Step 5

Create Voronoi component that will generate the net.



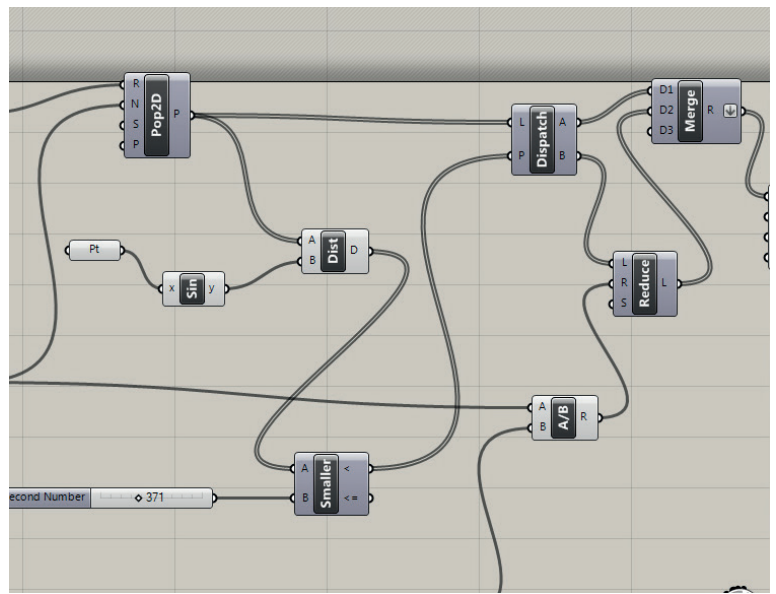
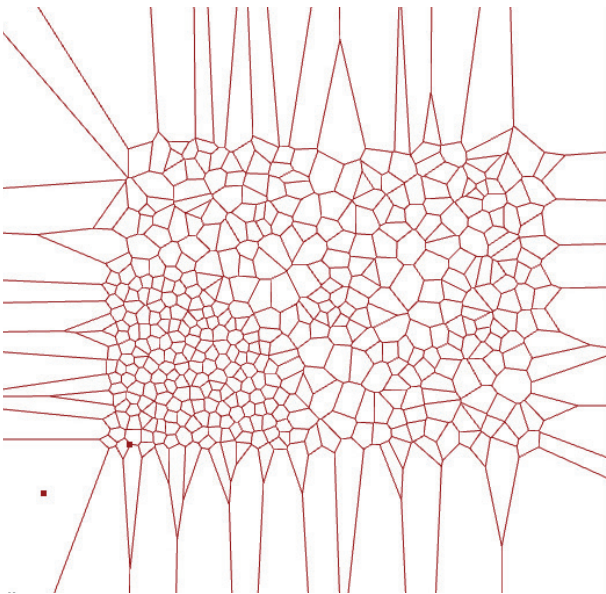
Step 6

You can play with the position of the external point in order to create different compositions of the net.



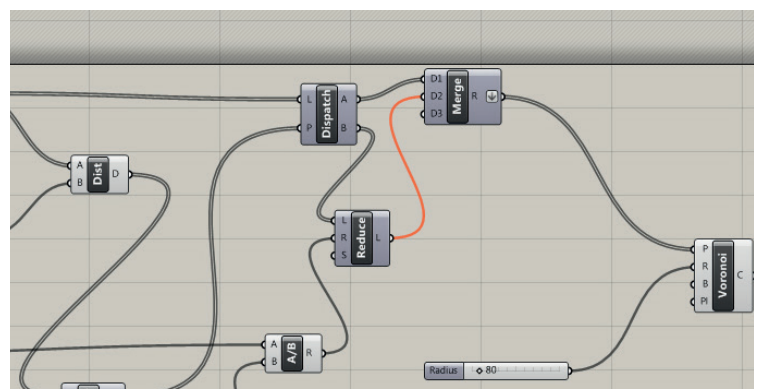
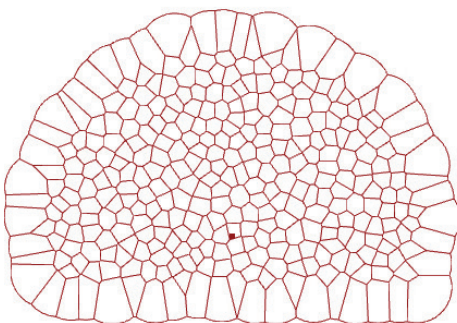
Step 7

With a Sinus/Tangent component you can enhance the “generating power” of the external point.



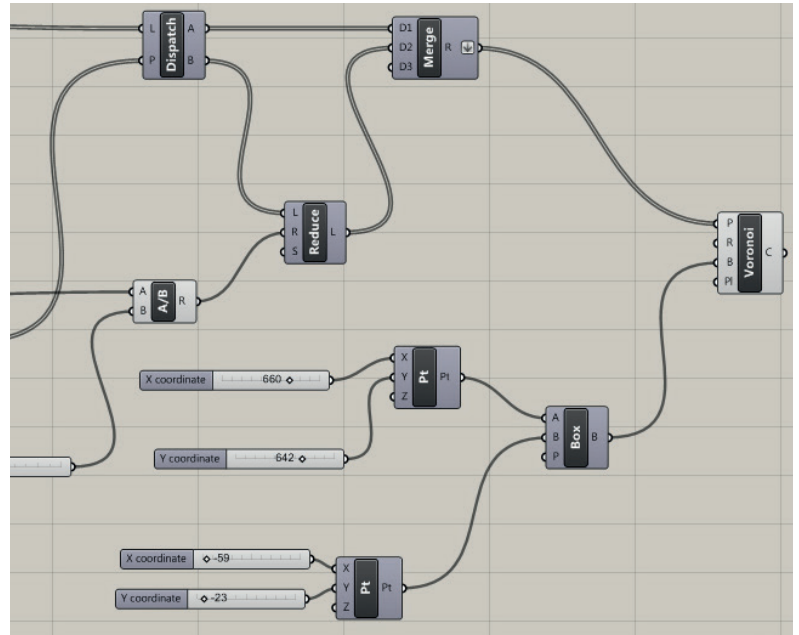
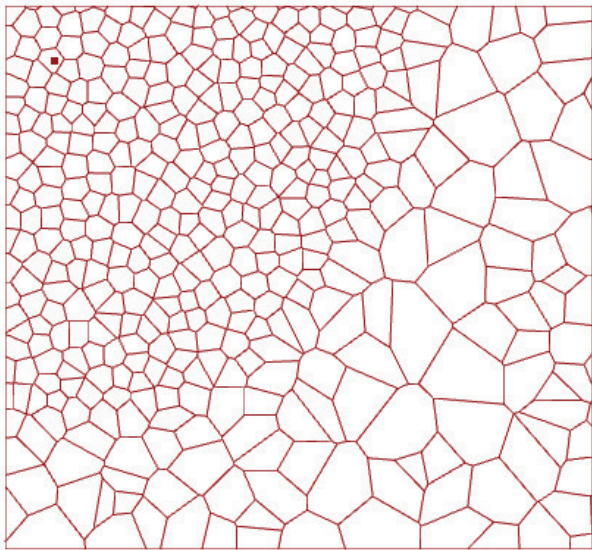
Step 8

With modification of the voronoi radius you can readjust the boundary of the net.



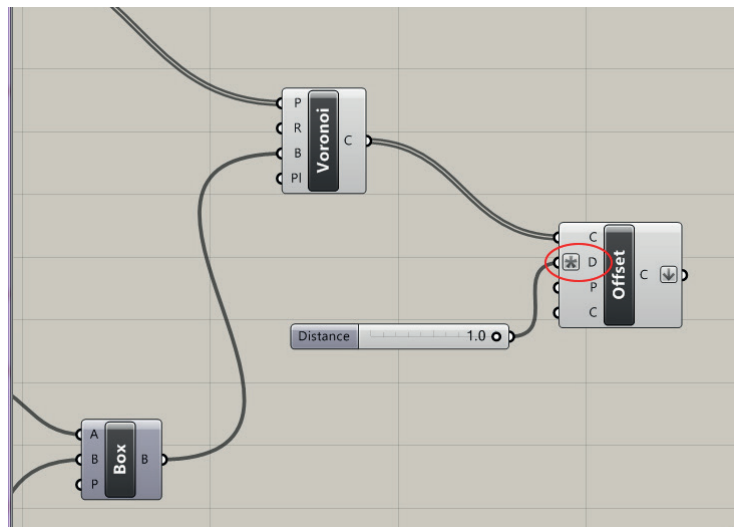
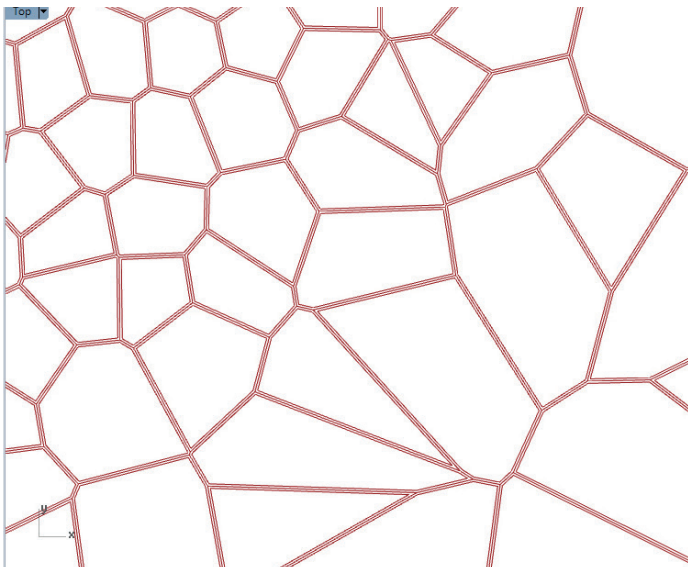
Step 9

Once you have obtained the geometry that you want, you can include the voronoi component into a box in order to obtain exact boundaries.



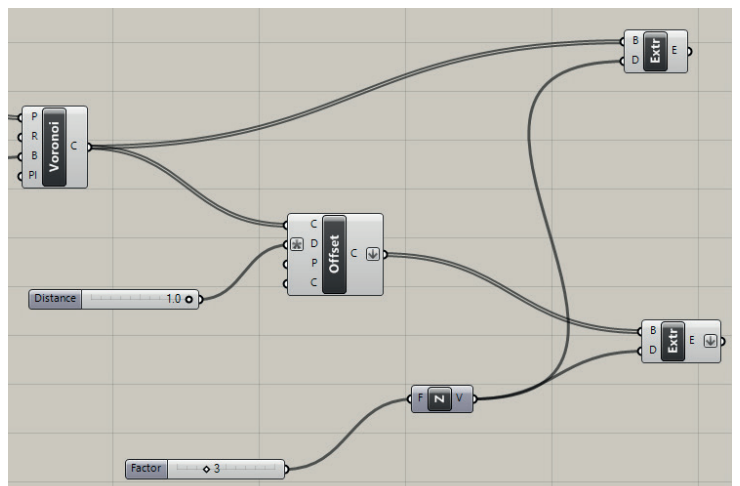
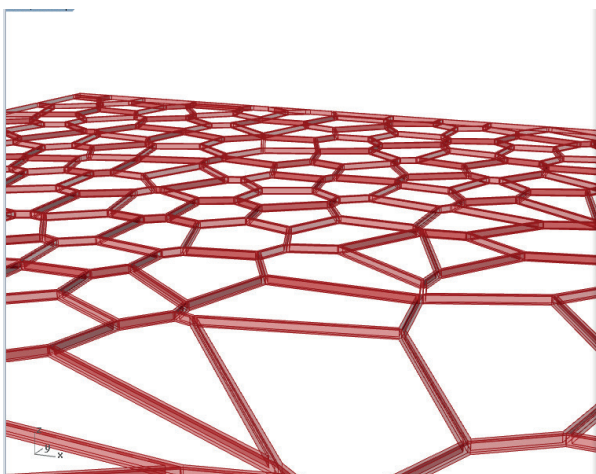
Step 10

Create an offset of the voronoi and put "-X" in the Distance //Expression parameter of the offset.



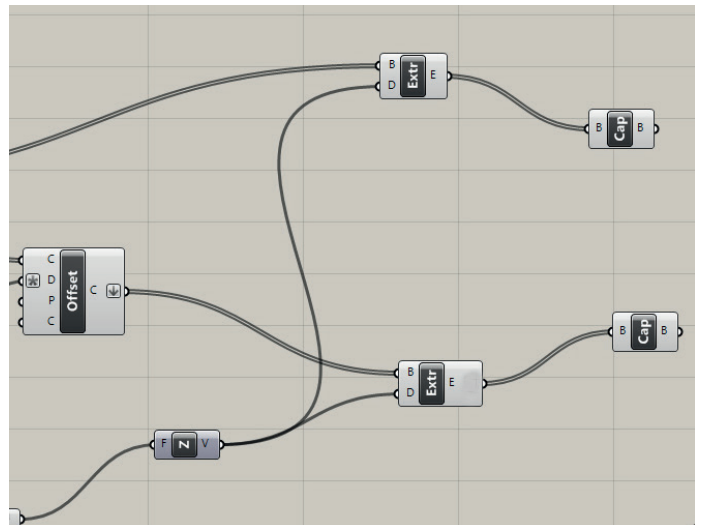
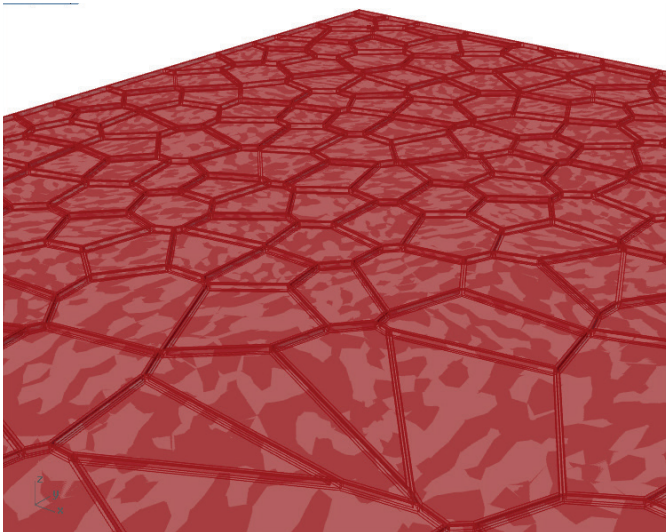
Step 11

Create an extrusion of the offset and of the voronoi.



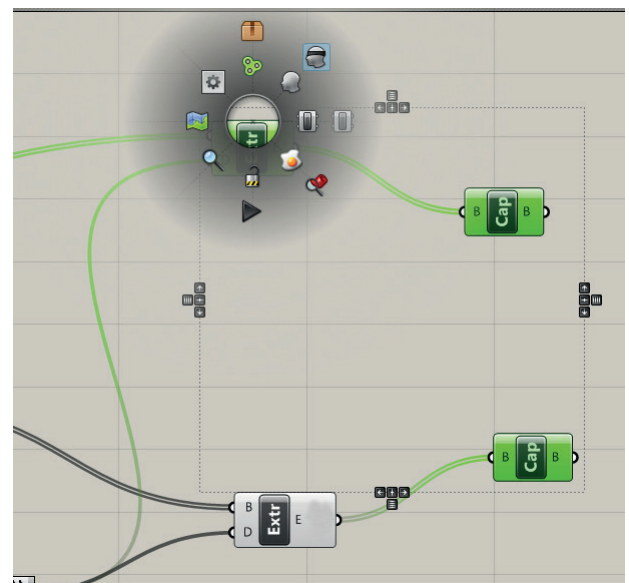
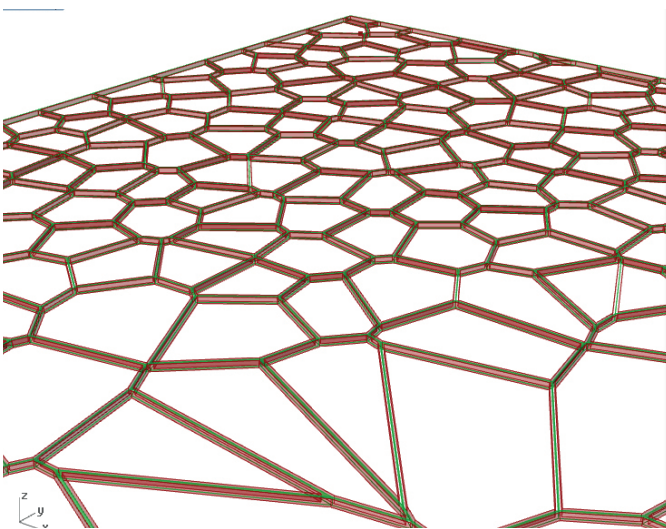
Step 12

Create a cap hole component so you obtain surfaces on both sides of the geometry.



Step 13

Hide the cap components and the extrusion component of the voronoi.



Step 14

Create a Solid Difference component and flatten the extrusion of the offset, so that you obtain top and bottom surface of the net. And voilà! If you are happy with the design, all you need is to bake it and finish the model in Rhino.

