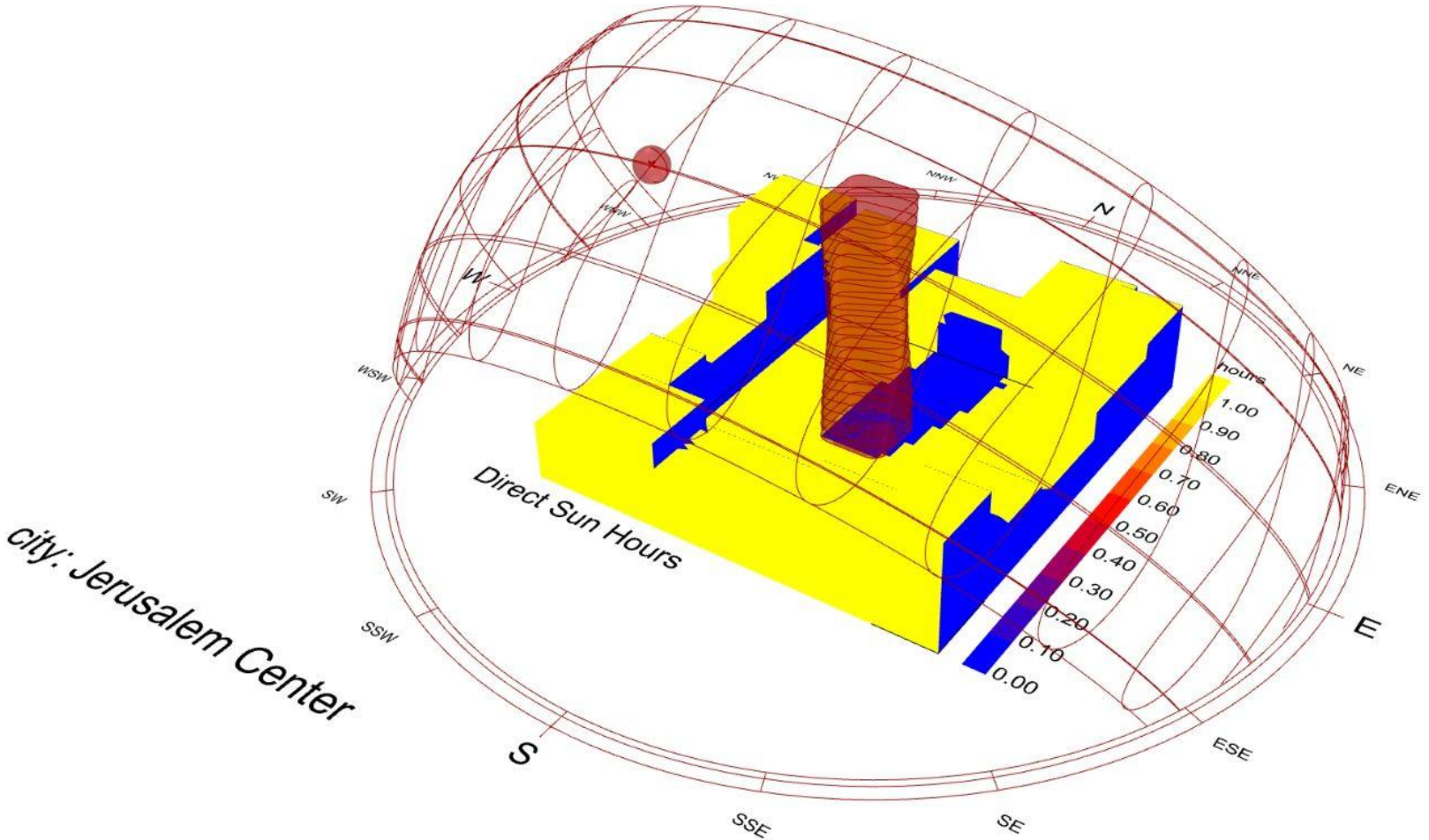
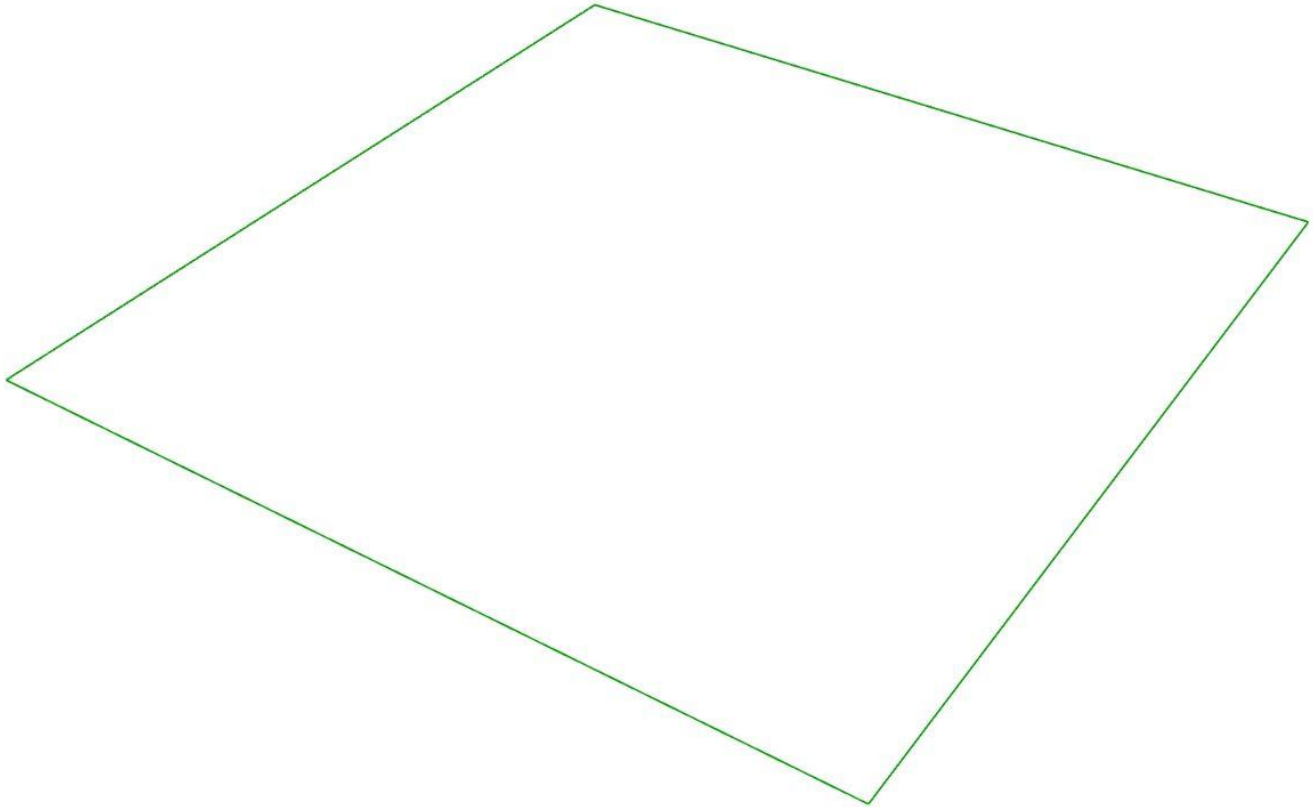
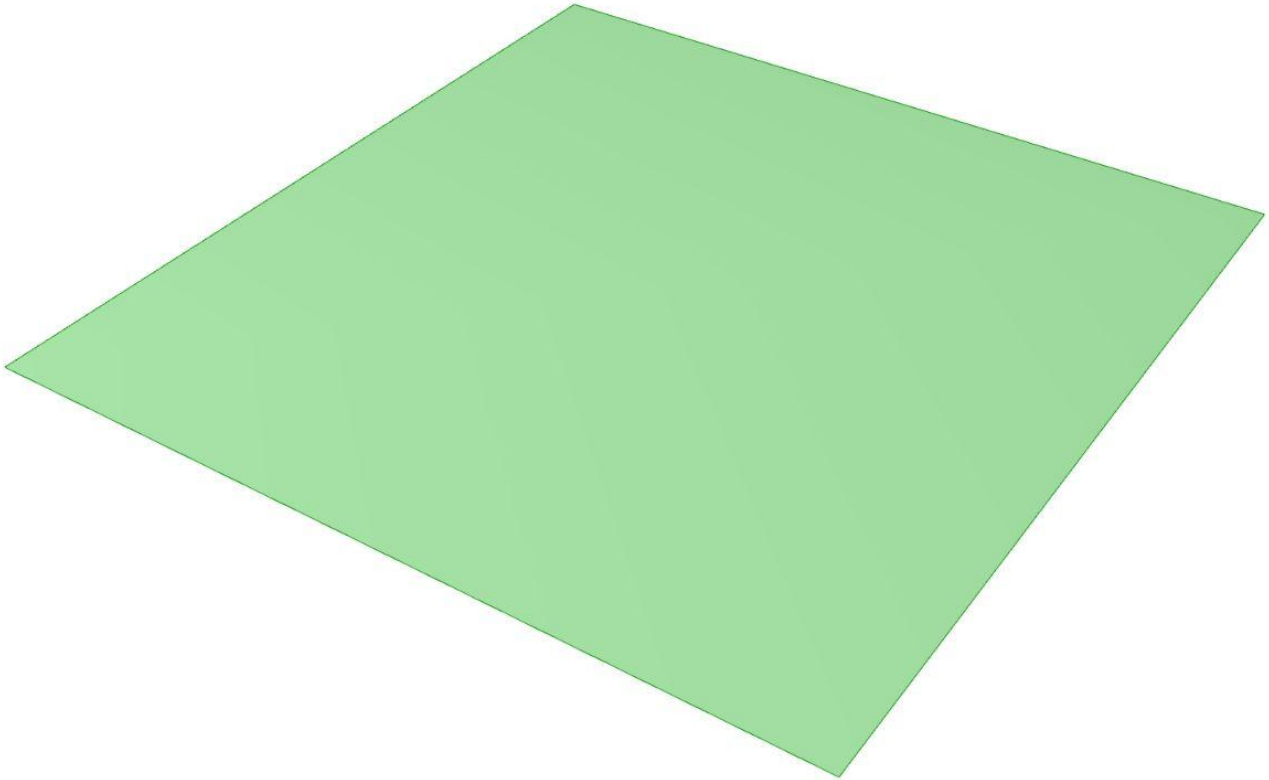


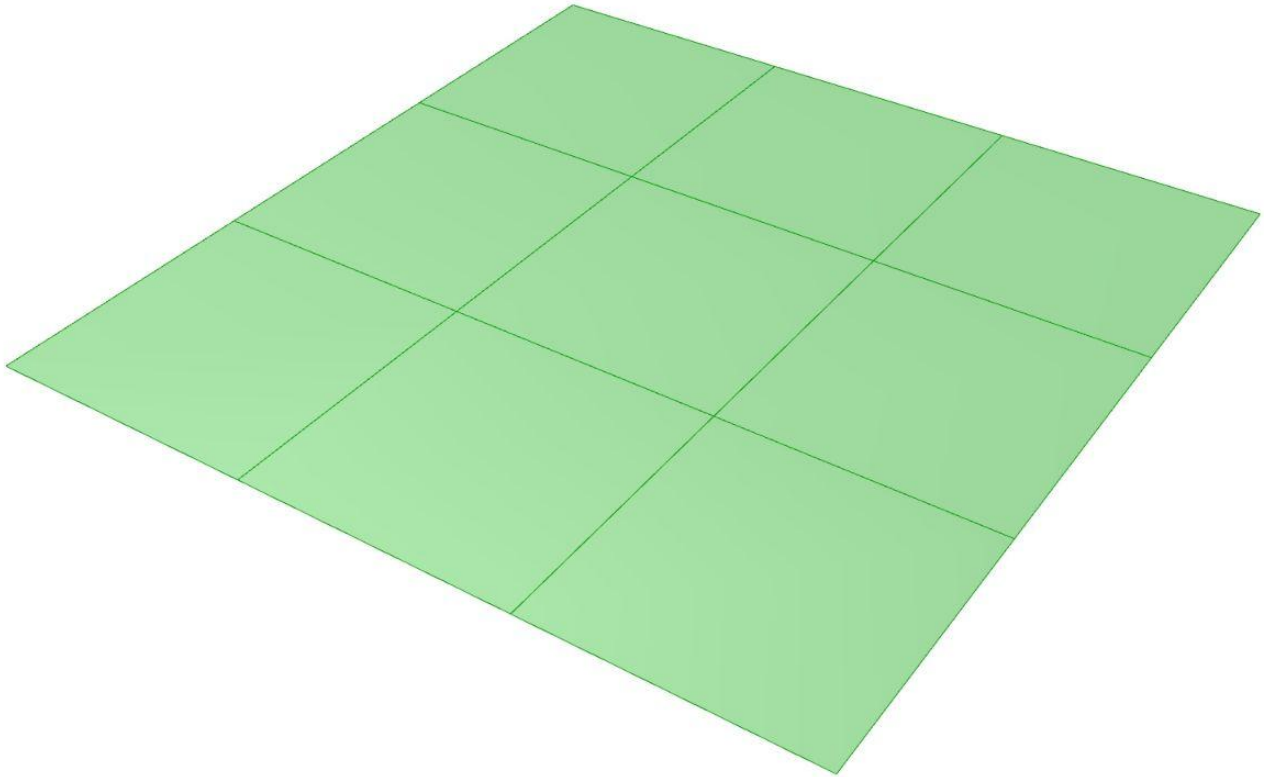
Sun path diagram and sunlight hours analysis using LadyBug



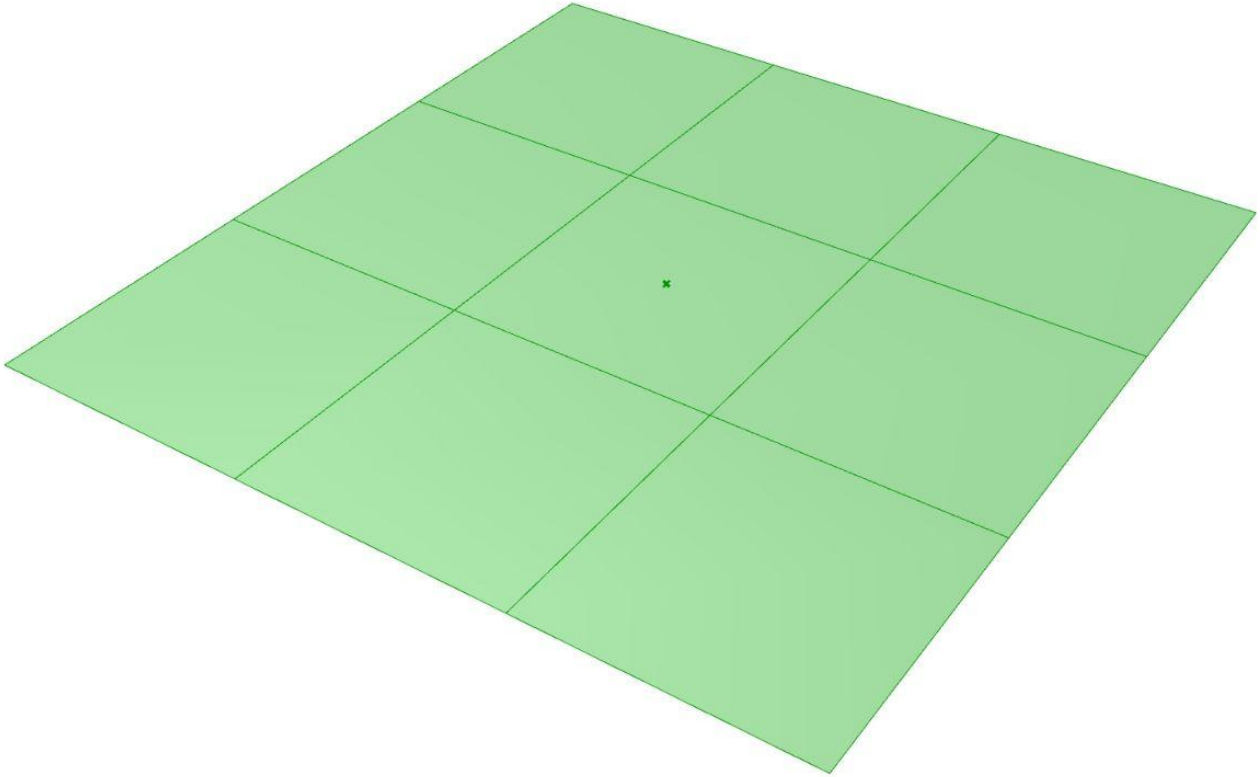
Create a rectangle with the dimension 100x100m from the centre of rhino grid



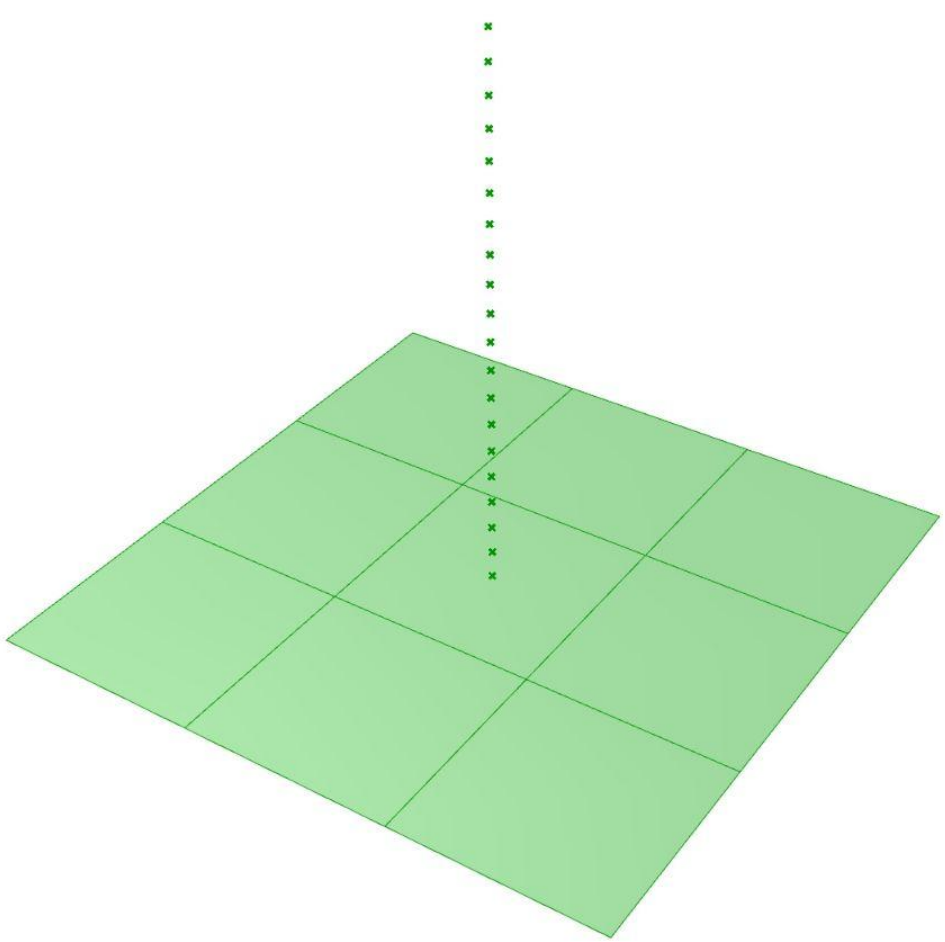
Create a surface from the rectangle



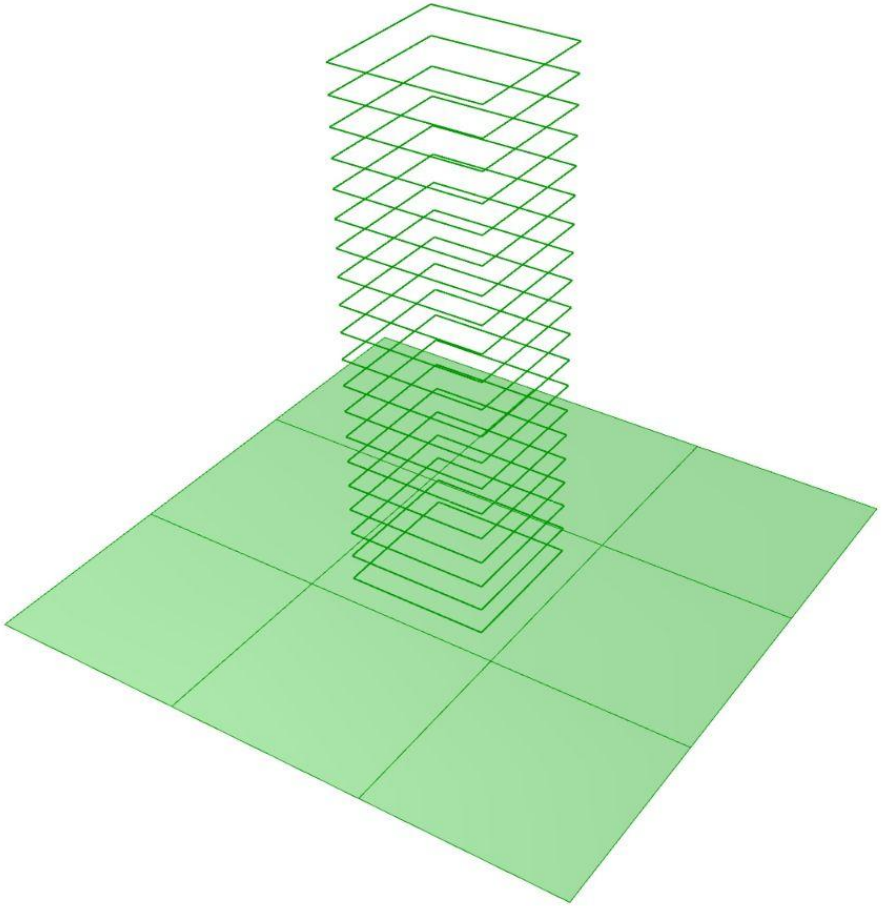
Divide the surface into 9 parts(isotrim/sub surface)



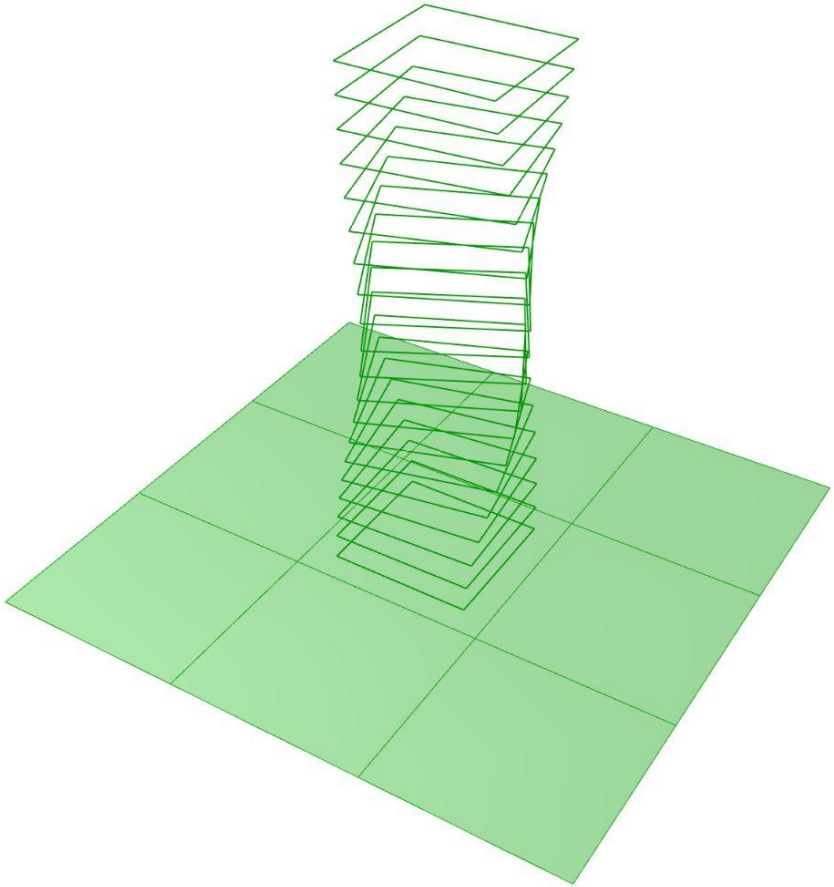
Select one of the surface and get the midpoint. (Hint: area of a surface gives the midpoint)



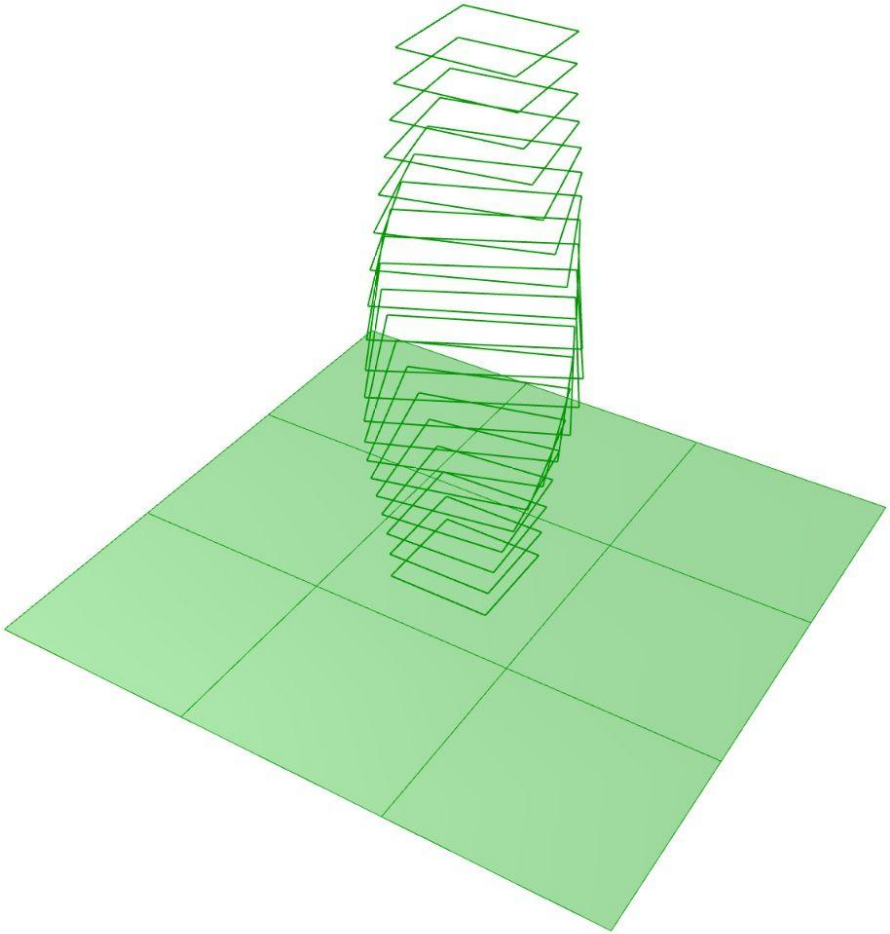
Move the centre point 20 times in Z-vector with distance of 4500mm between them. (use series component)



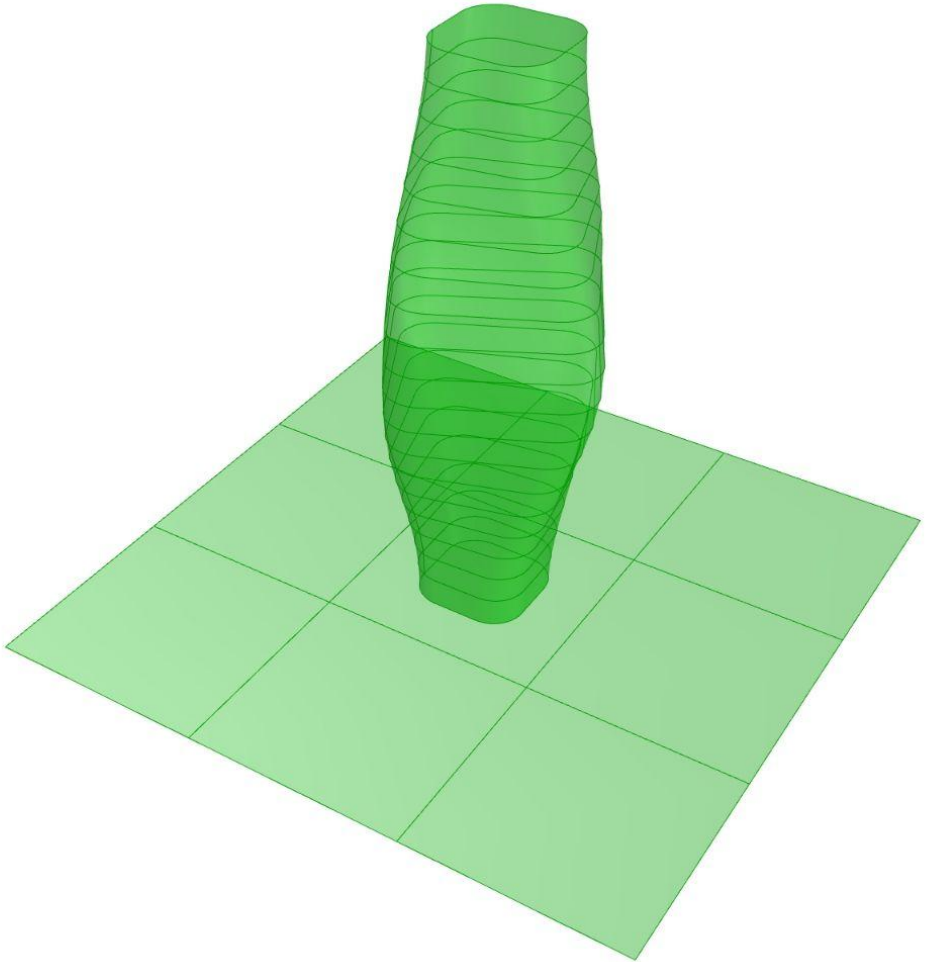
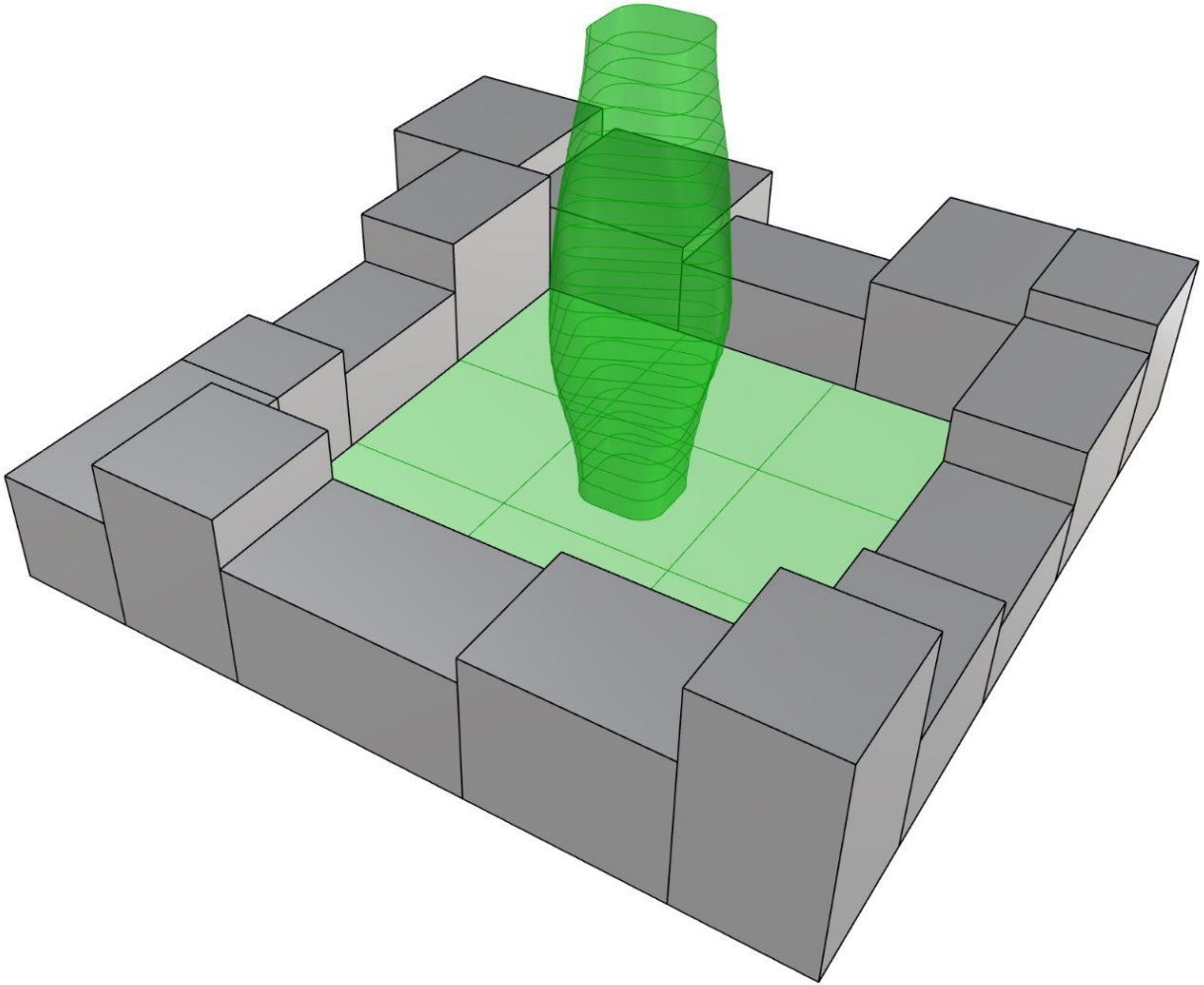
Create floor plates of dimension 24mx24m using the points as the plane



Rotate the floor plates using graph mapper



Scale the floor plates using a graph mapper



Fillet the corners of the floor plates and loft all the floor plates and cap the top and bottom