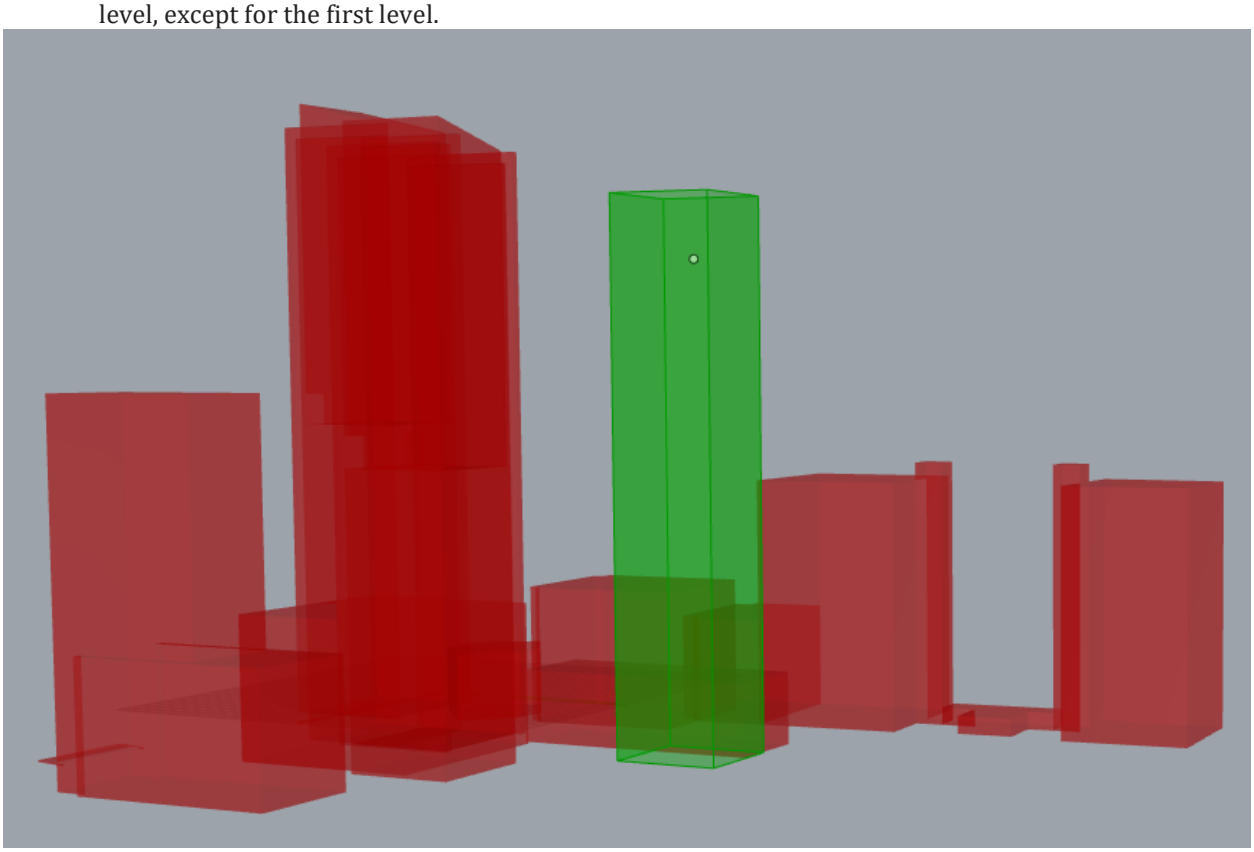
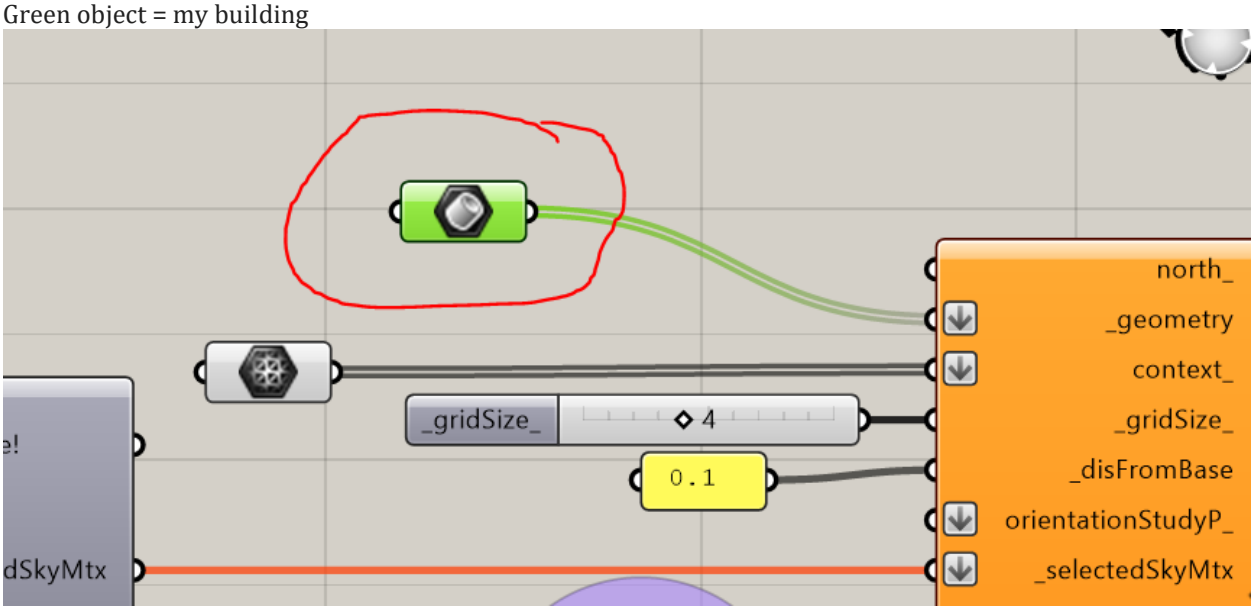
Hello my Name Is Jose. I am looking for help with this program for a project at my university. I am having many problems since this program we did not learn in any course and they are asking me for a final delivery. I'm a little desperate because I can not achieve the result I'm looking for. If someone could help me I would appreciate it very much. They do not know how difficult it is that my final grade and that I approve the course depends on learning how to use a program with youtube tutorials.

I will try to describe with all possible detail what I am looking for as a result in order.

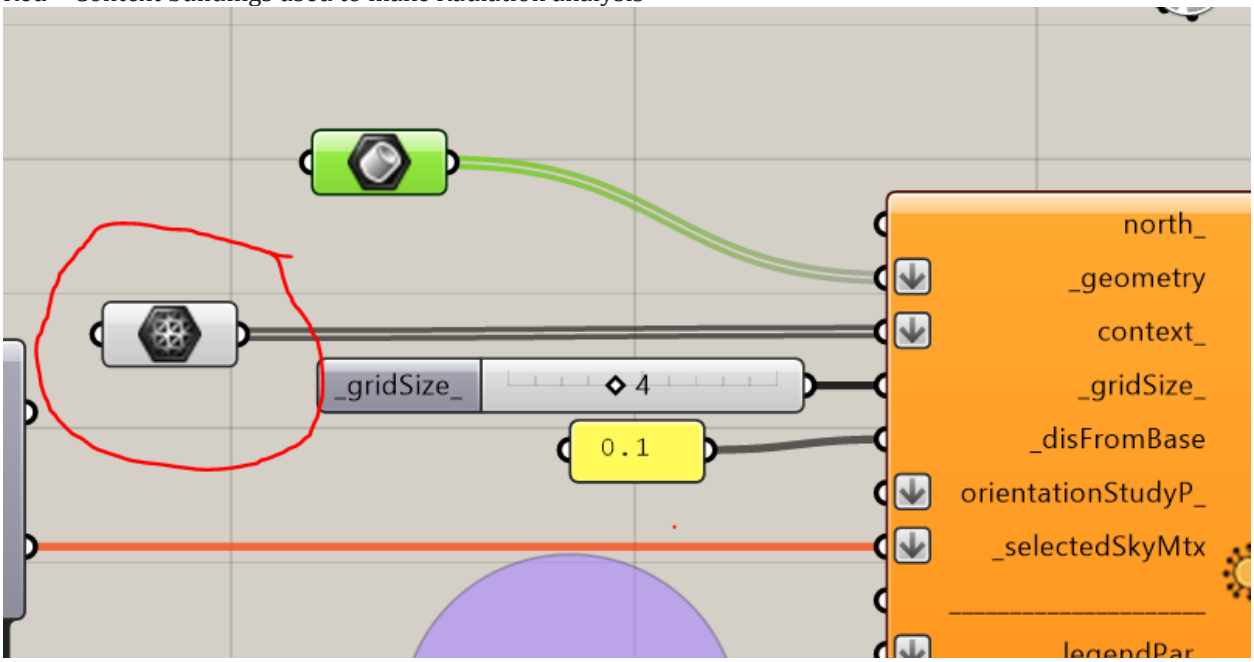
1. My project consists of a mixed-use building. It has 36 levels with 4 meters of height between each level, except for the first level.



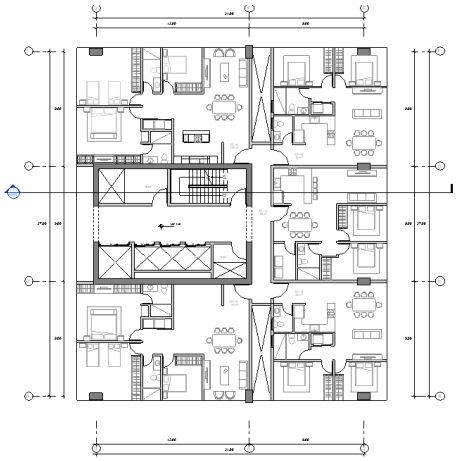
Green object = my building



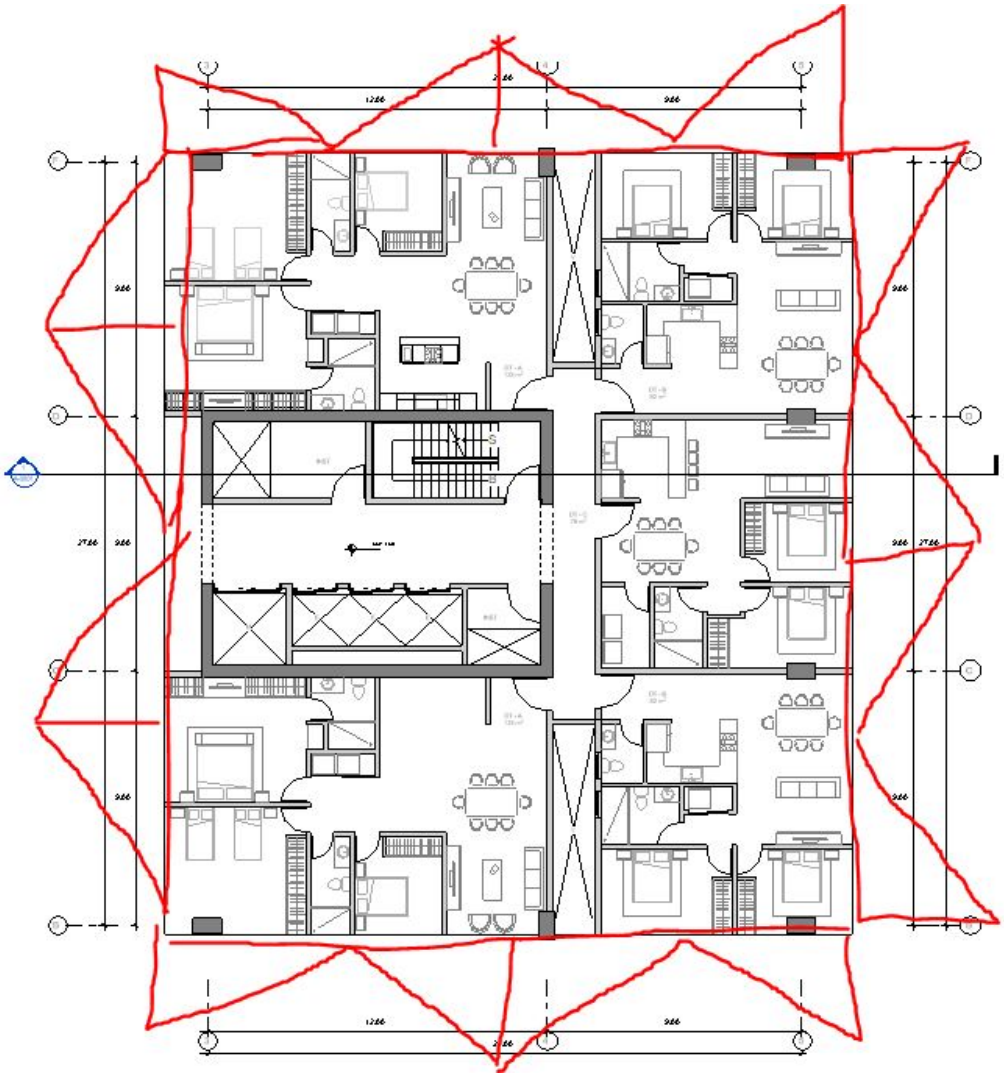
Red = Context buildings used to make Radiation analysis



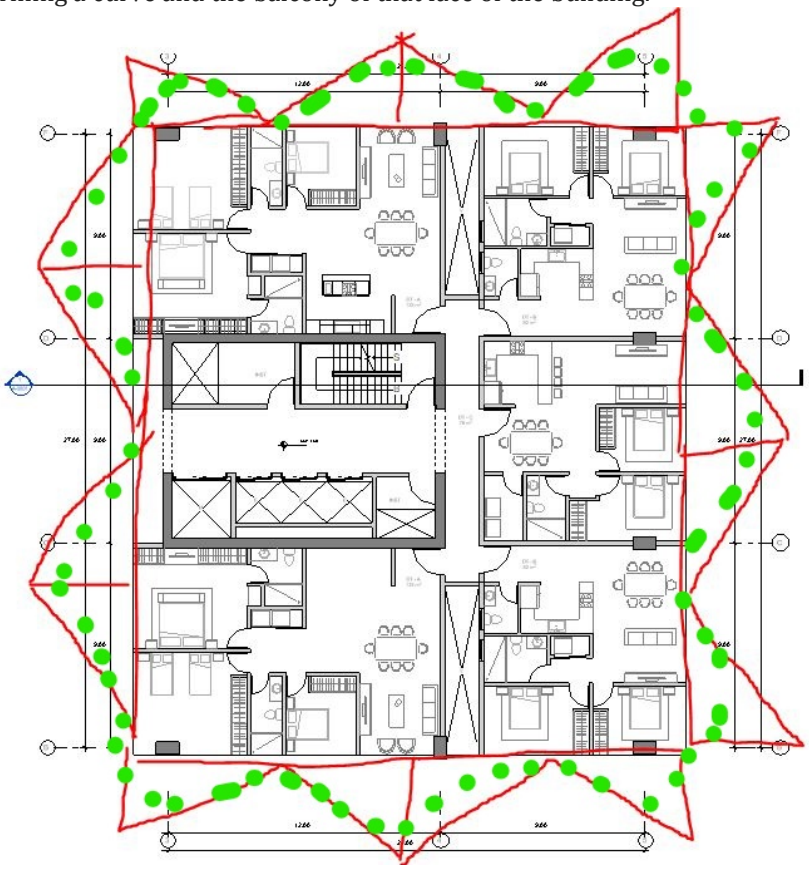
2. My floor plan is this one. The shape of the plant is a rectangular base of 24 x 27. (as shown in the architectural plan)



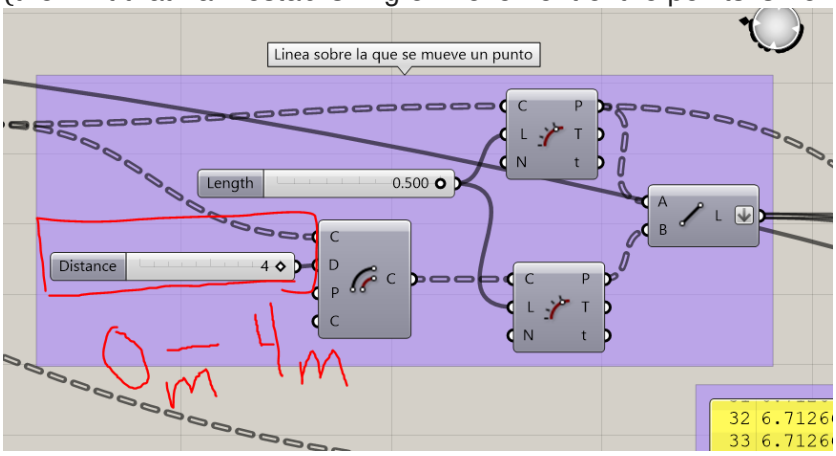
3. What I want to achieve is to add balconies for the apartments. These balconies must have a curved shape. And that are located where it is marked with red triangles. (The shape will not be triangular, it is only to describe where the limits of the points of where the curve will be.)



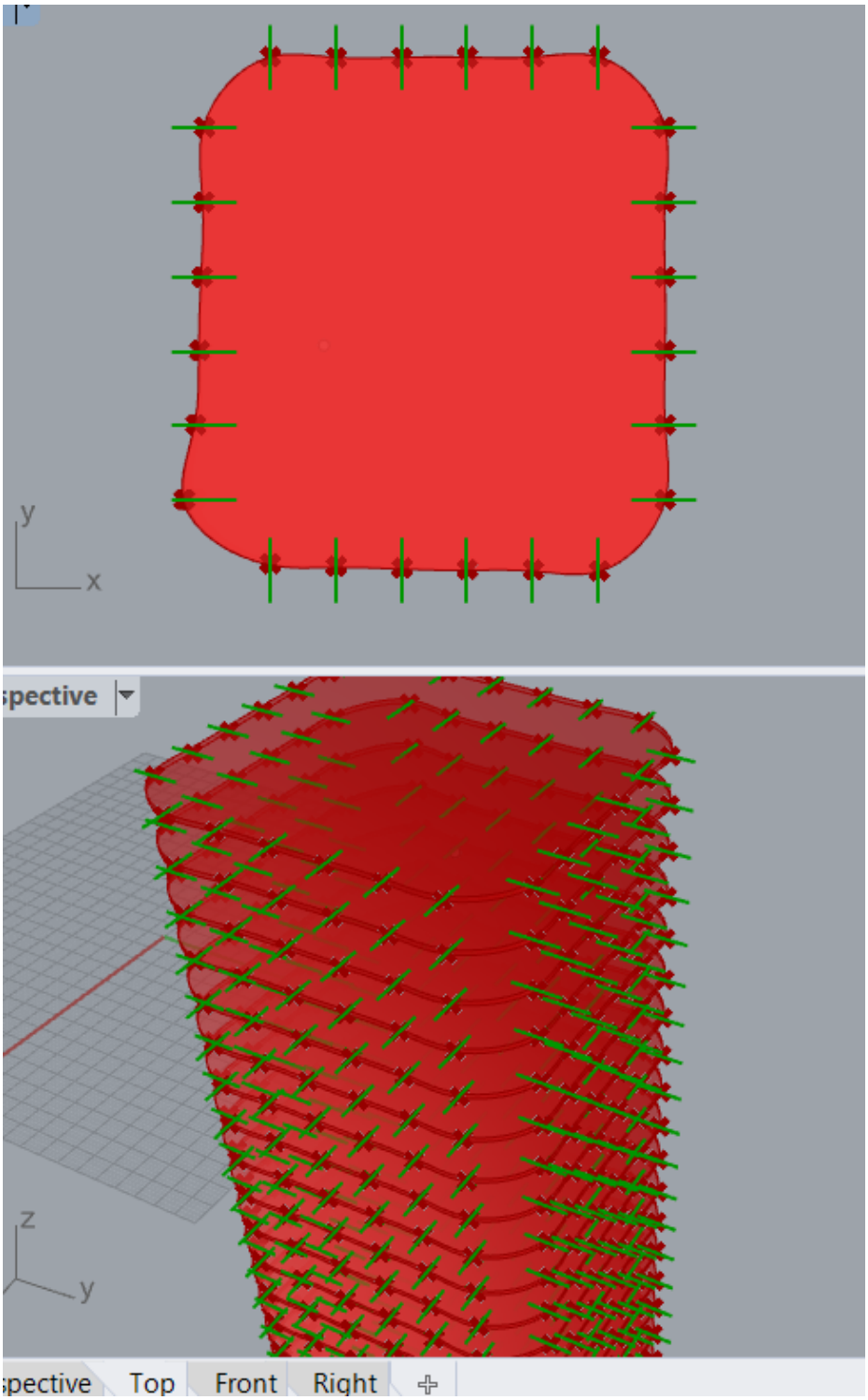
4. To achieve this, my idea is to establish a curve for each face of the building (4 faces in total). Then on each curve establish points within the limits of the triangles of the image. Then join these points forming a curve and the balcony of that face of the building.



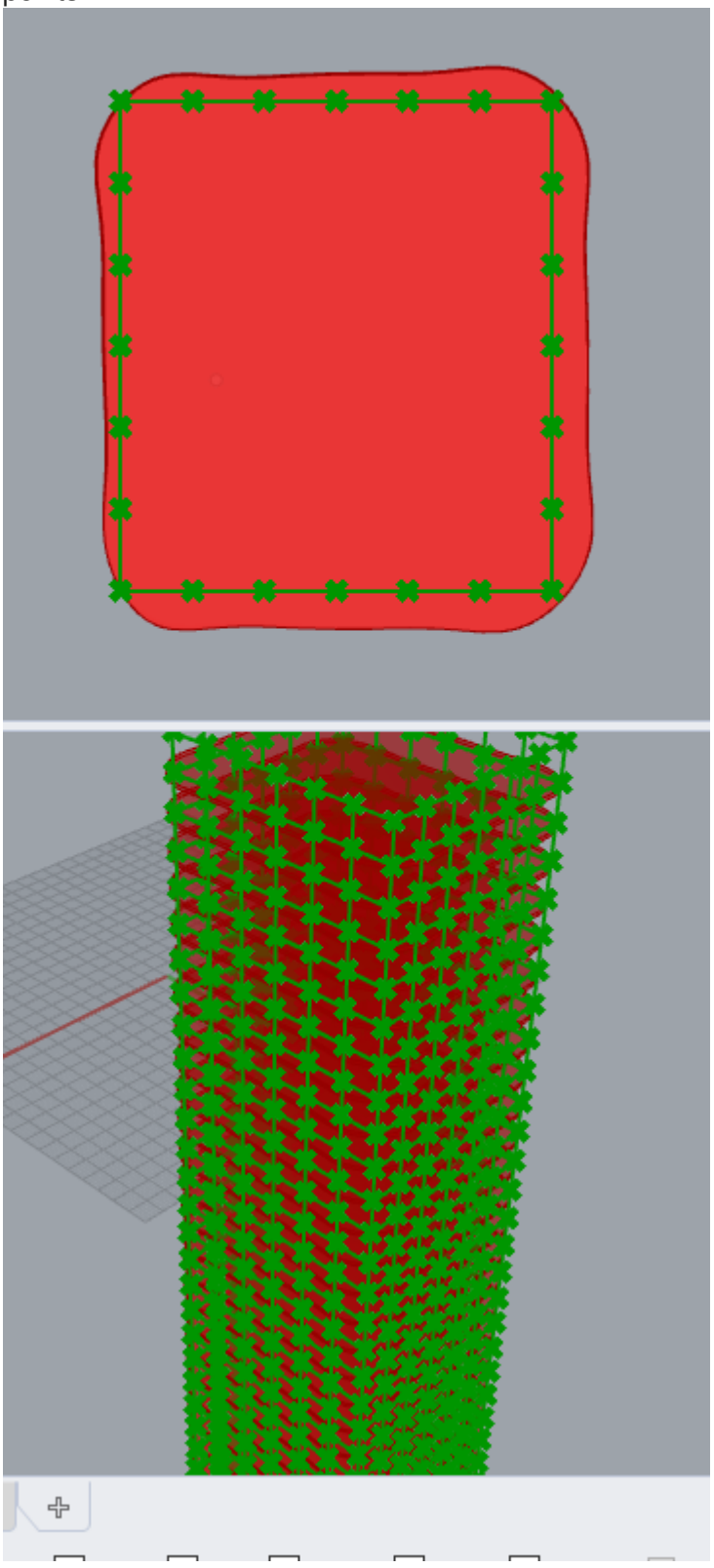
(the limit that I am establishing of movement of the points is from 0 to 4 meters)



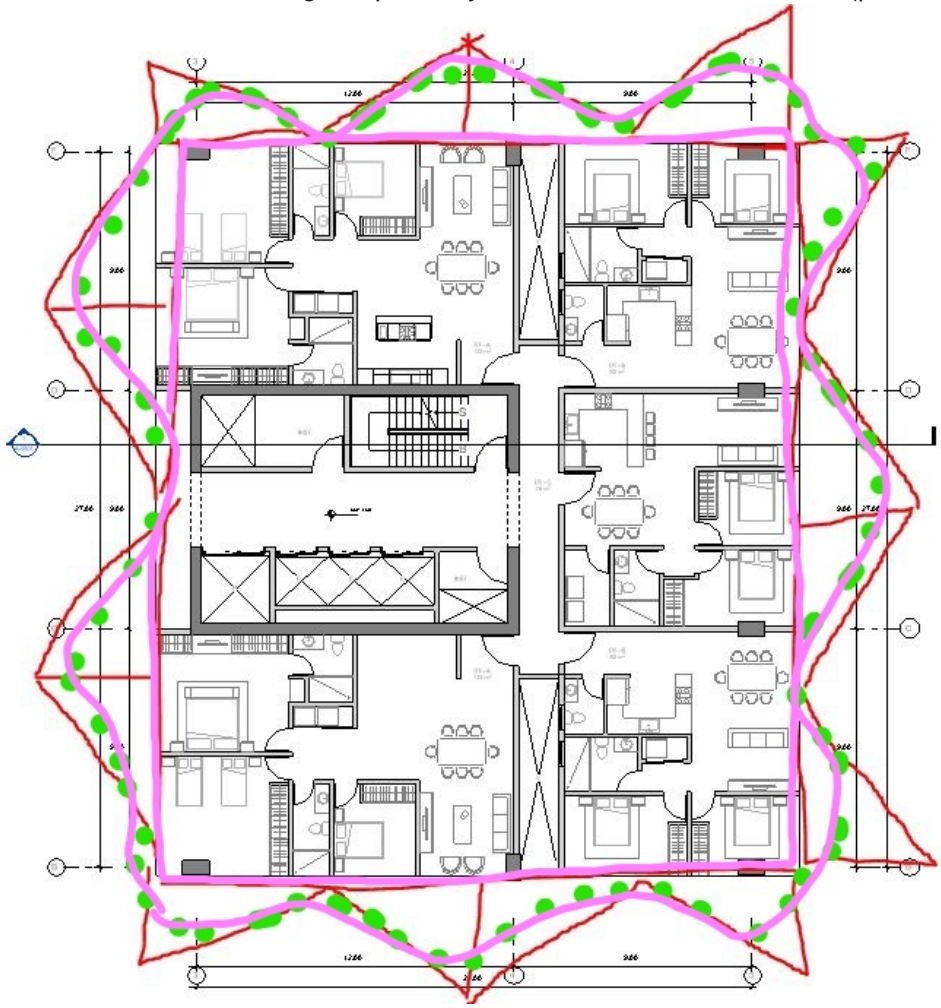
How points move on the line in each face



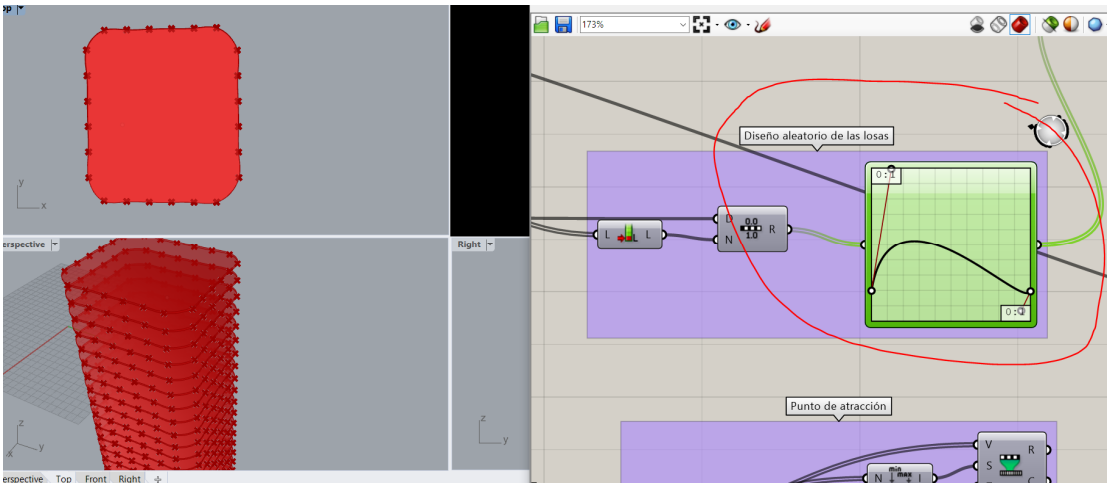
The rectangular base floor without balconies is limited by this green line and green points



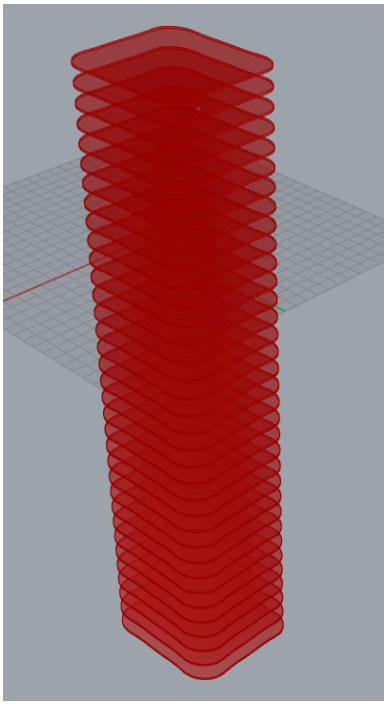
5. Ok then, After establishing the points, join them to create the curve (pink line)



6. What I have achieved so far is a random design of each floor repeated in each level. I control this with this graphic.



7. So what I ask for help is with what I have, to achieve those curved balconies based on the architectural floor following the points within the limit marked by the triangles. Then repeat this process in the following levels but with random points located within each triangle so that each level of the building has a different balcony shape and the design is more aesthetic.



8. A very good example of what I want to achive is this project. AQUA TOWER IN CHICAGO. Each level has different floor shape and also balconies are shaped.

You really have no idea how much you are helping me, this program is very difficult for me.

I really appreciate it very much. !!!!!!!!!!!!!!!!!!!!!!!!!!!!