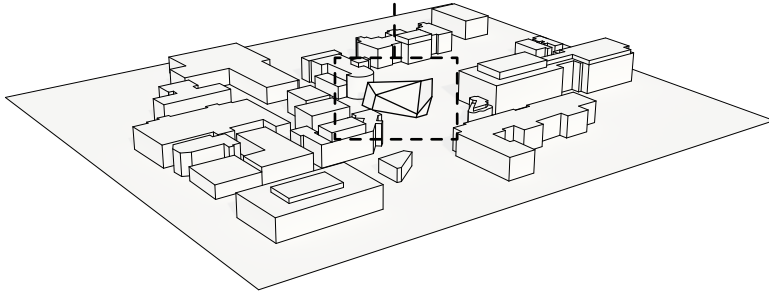
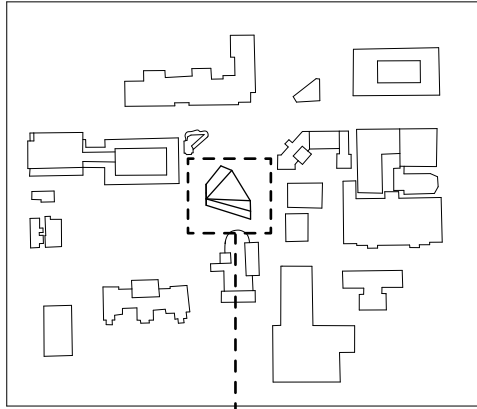


## Net Solar Energy Study - Meyerson Hall Massing



The Net Solar Benefit in my design proposal is Zero, which means that the amount of harmful summer solar energy is equal to the amount of helpful winter energy.

The way I am making the form is from sculpting out massive body of the original Meyerson Hall building massing.

There are a lot of diagonal faces instead of upright surfaces in the massing and that is to absorb the winter helpful energy at its maximum and avoid the summer harmful energy based on the sun path chart in the grasshopper file.

Based on my study, diagonal roofs perform better than flat roofs in resisting summer harmful solar energy, therefore, they help increase the net solar benefit.

