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## Redesign of Meyerson Hall

- Design Process:

Started with the original form of Meyerson Hall, I calculated that the value of net solar benefit is around -0.8100. The façade facing Van Pelt library is benefited by solar radiation, yet the façade facing Fisher Fine Art Library and Walnut street is harmed by sunlight. Therefore, I rotated those two façade while maximum the area of the benefiting façade. This approach resulted in a shape of rhomboid.

Eventually, I got the value of net solar benefit of 0.714, the building area is 15300 sft.

- Geometry and Data

