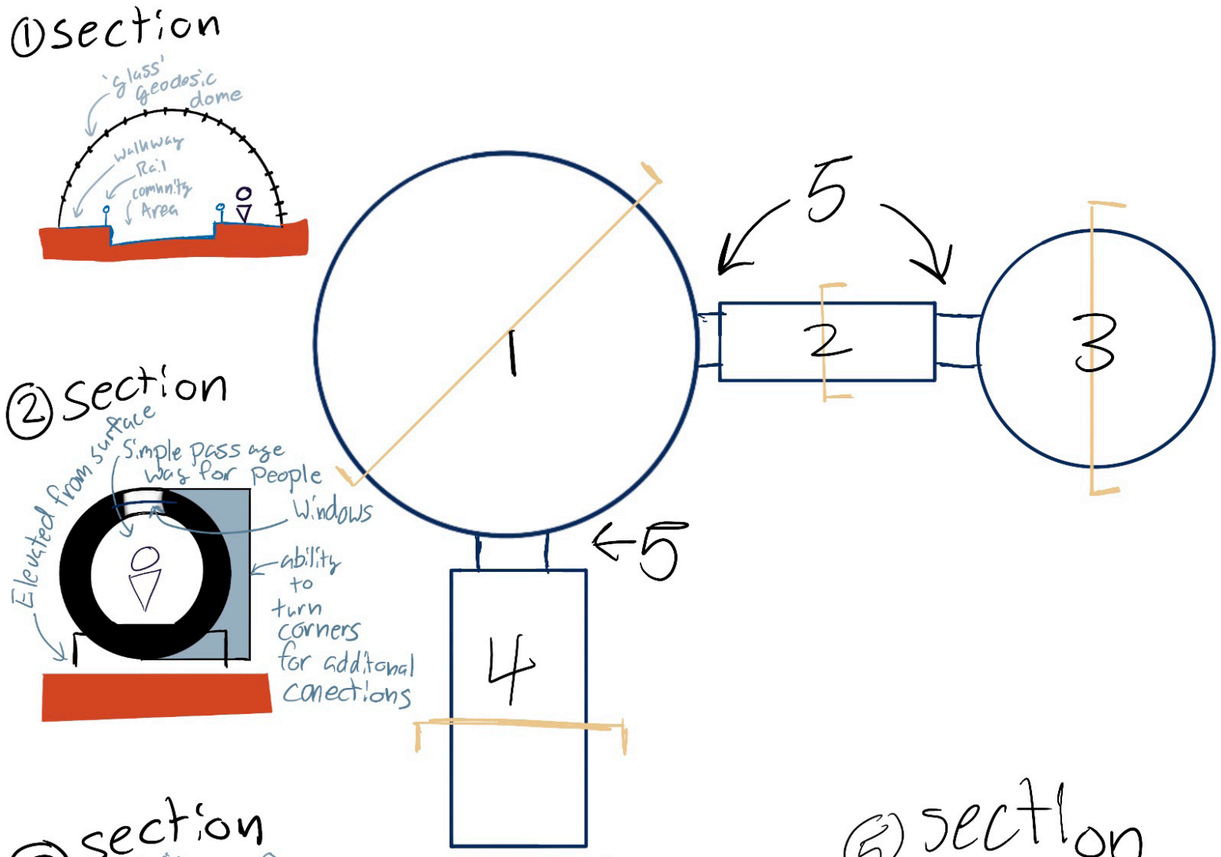
Journal 8

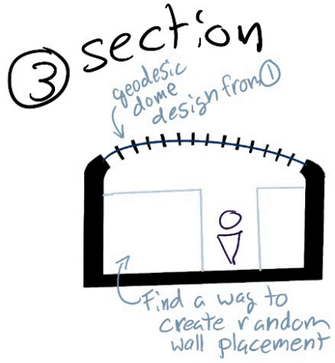
3/24/25

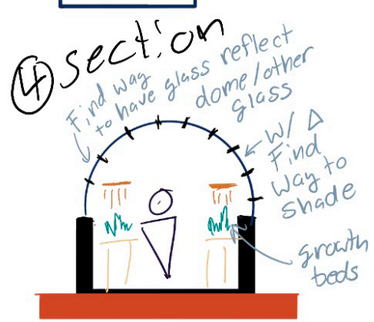
Megan Dalton

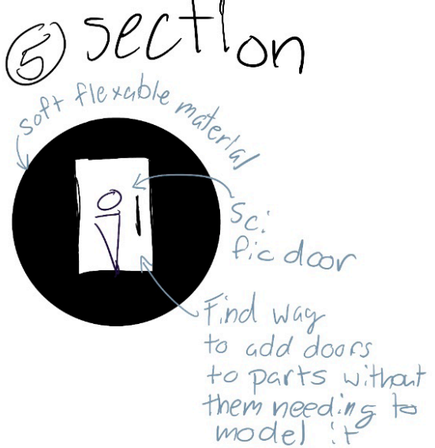
Before spring break I found myself getting more and more frustrated. I took the time during break to take some space from the design and it was much needed. Coming back to it now, I have realized that the problem I was having is that I was taking the design far too literally. I was worrying myself too much with exactly how things would be put together or what their makeup would be. Moving forward I am going to pretend that there is a team of engineers determine the technical information and I was just hired on to create architecturally interesting habitats.

With this in mind I went back to the drawing board. I know I had a decent first pass at a greenhouse, so I wanted to keep that. I than asked myself what other parts of a shelter I found interesting. I ended up added 4 other parts that will hopefully be able to be assembled into one shelter. I am challenging myself to complete this all in grasshopper.









Parts (5) -

1) Geodesic dome
   ↳ common space/Hub
2) Hallway Space
3) living area
4) Green House
5) Conector Piece

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Since this journal was about developing the skin of our design, I interpenetrated that as working on the hub/community space/ geodesic dome. Since I am trying to force myself to worry less about the technical side of things, I felt this would be a good place to start. I knew I wanted to challenge myself to do something new, and I have 0 idea how you would go about creating a geodesic dome.

This was a really interesting challenge. After a while of trying on my own, I turned to the Internet, to see if others had done this before. It was through that research that I discovered Lunchbox, something I rememberer talking about in class, but hadn't downloaded. After getting the plug in it was far easier to start creating what I had in mind.

The issue I wasn't able to solve was why all the triangles aren't the same sizes. I circled the problem area in the image. Would love some feedback/help in regards to this problem.