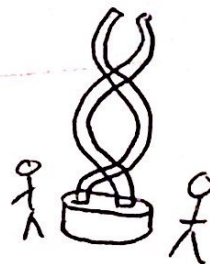
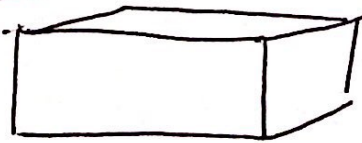
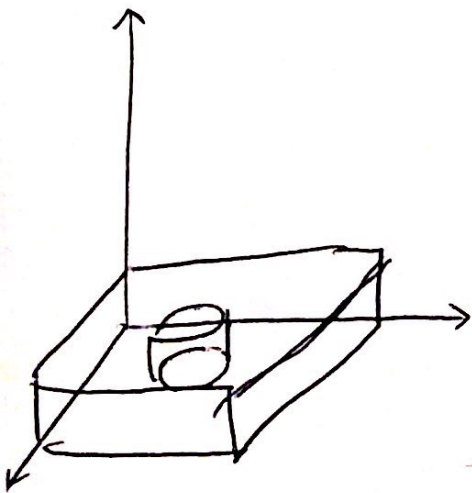
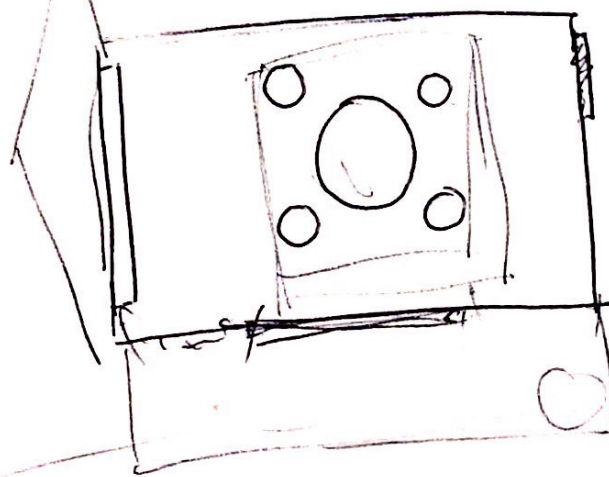
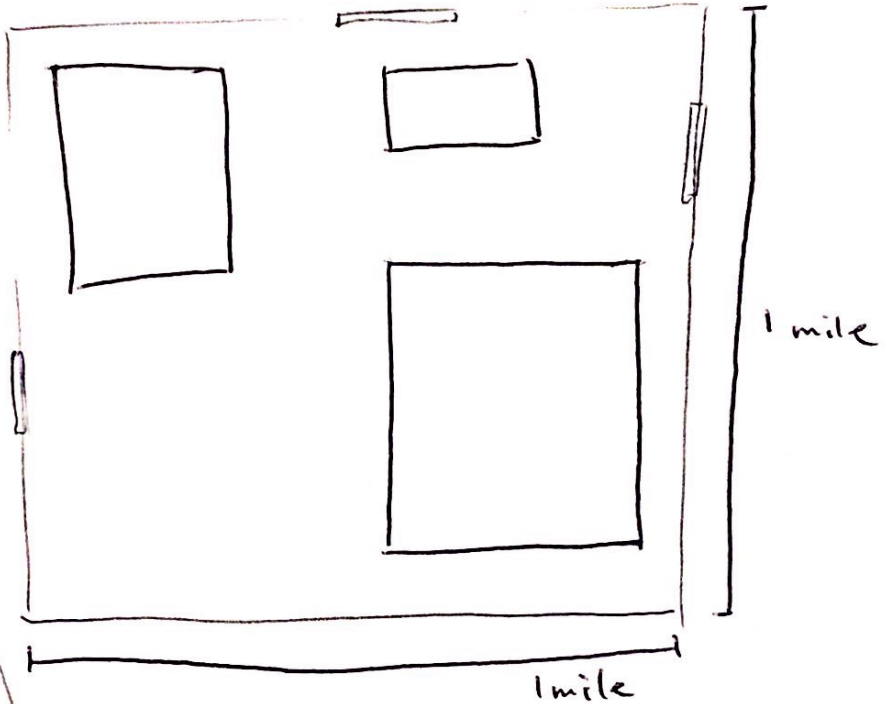
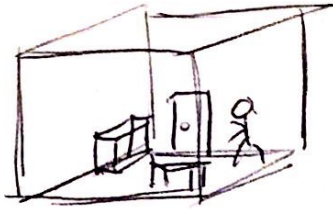


- research facility for synthetic biology
- needs a place for researchers, viewers, and ethics department
- facility aspects: transparency/honest, controlled/safe, accessible



Free Write

12/4

Next semester I am looking forward to a more realistic/practical/technical semester full of projects that are as rule-free as the ones we worked on this semester. I can't wait to start incorporating the tools we learned in the fall to build and design things in real life and on computers in Spring. I am extremely excited to start building environments on computers through software. I hope that I will learn skills which will help me in the long term.

Free Write: Anytown Design

11/15

While working on our Anytown Design, I was glad that we were a team because brainstorming was a big part of this process and I would have missed out on a lot of little details if I had been on my own. We constantly iterated with our ideas and were constantly putting things down on paper. We ~~split~~ naturally split our group so that everyone had a job. For example, the person drawing/Architect, the main leader/brainstorming person, and the person that made sure we didn't get off topic. We finished much before the time constraint but we could have added more tracing paper layers instead. I also wish we had expanded our design further than the necessary space like the street since we had so much extra time.

Since the extended audience will be our professors and instructors for IDEAS, they ~~will~~ might not have an extremely complex understanding of the wicked problem/topic we choose. The students should structure their paper in a way that is progressive so that everything is defined early on and can dive into more interesting details later. I expect my audience to care a lot about the sources I choose and how I use them in my paper. Whether it's the value of the paper or the sub-topic that it dives into. My audience probably expects a focused and detailed summary ~~rather than an~~ ~~abstract~~ that is backed up with multiple sources of evidence and visuals to help understand.

During our group argument, I learned a lot about what is necessary when convincing someone on a specific topic and how important it is to hear everyone out. If someone doesn't speak up about their current stance on a subject, it makes it close to impossible to ~~then~~ convince them. I wish we had more time to keep arguing because I still didn't completely understand everyone's reasoning, but it still helped me understand the situation more and dive deeper into my own reasoning for my stance on the subject. The stance I had the hardest time understanding was "walking away". They argued that walking away would still impact the situation of Omelas by perhaps making other people walk away as well, but at that point why wouldn't you try to save the child? They don't want to be responsible for any outcome and yet if the child is to be free someday, somebody will have to free him. Also, in the story NOBODY has tried to free the child. Therefore, statistically speaking ~~there is~~ the probability of you, another citizen of Omelas, saving the child is practically zero. It seems childish to overestimate yourself in this way where you are more special than the other citizens.

When ~~we~~ we brainstormed all the functions and needs before picking technical solutions, we did not investigate the effect each spending/program would have on each other. This resulted in some positive and negative byproducts/side effects. For example, we chose wind mills as one of our major energy solutions due to its efficiency and low costs. Unfortunately, we also chose to invest in compact housing ~~and~~ which if actually happened, these two investments would not mesh together very well due to the noise pollution and size of the wind mills.

IS10 Free Write

Since my topic is mostly theoretical, I think it's completely understandable that this solution would be too. The fact that it purely covers the technical details of the asteroid mining plan helps solidify the scale of the unknown surrounding this wicked problem which makes it all the more interesting. This exercise actually helped me choose the solution I wanted to investigate by interpreting the Sandler reading. With this exercise I learned the importance of looking at the practical impact a solution might have rather than its complexity.

IDEAS

