

**Project Status Report: CPST-0 05**

**Team Members: Julianna Edington, Isaac Averett, Josh Sweeten**

**Project Title: SEA Engineers**

**Report Date: 1/23 - CB CAEDM lab**

**1/25 - EB reserved room**

**1) Summary of technical/non-technical challenges encountered**

- We had questions on how the log cabin would look. Questions included: wall thickness, what the second floor and loft look like, extra walls inside, entrance for the storm shelter
- We are waiting on architectural drawings from Scott
- We had questions on snow loads, wood type, other loads- for Aaron

**2) Team approaches & resolutions to overcome challenges**

- We had a meeting with our sponsor Bob, and he answered a lot of these questions we had
- Bob brought a relative who had made a 3D model of the structure that helped us understand how the roof, windows, and doors will look
- Aaron helped answer those calc questions

**3) Status of challenge resolutions & potential project impact**

- We are on track with our project; we are currently working on the structural drawings and calcs
- This week we will focus on making progress of our CAD drawings and calcs- now that we have more dimensions on the log
- We are hoping to get the architectural drawings soon, Bob will follow up with Scott on this

**4) Project status & summary**

- Currently in the middle of our CAD drawings- foundation, floor, roof
- Currently in the middle of our calcs- need to do a calcs for wind, snow
- We are meeting with Aaron and Spencer with week to get help on CAD drawings and calcs
- We have made sheets that we will use to turn in calcs

Please enter # of hours spent on project this last week for each team member in the order listed above

1/29/2024

Member #1: 3

Member #2: 3

Member #3: 3

Member #4:

Member #5: <hrs>