

BYU ENGINEERING

Civil & Construction Engineering

CAPSTONE

Project Status Report: CPST-0 05

Team Members: Julianna Edington, Isaac Averett, Josh Sweeten

Project Title: SEA Engineers

Report Date: 2/13 – Clyde CAEDM lab

2/15 – Clyde CAEDM lab

1) Summary of technical/non-technical challenges encountered

- We are waiting on architectural drawings from Scott
- we are not sure how to do lateral loads- question for Dr. Judd
- Cad drawings are in progress
- Looking to get more guidance from Aaron and Spencer on how to work with the steel deck

2) Team approaches & resolutions to overcome challenges

- We are mostly done with the CAD drawings – around 70%
- Working on the details in CAD drawings
- We need to work on the lateral loads, and calcs for storm shelter
- We are planning to meet with Dr. Judd this week

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
- We are hoping to get the architectural drawings soon, Bob will follow up with Scott on this
- We will work on the details for cad drawings and lateral loads

4) Project status & summary

- Currently in almost done with our CAD drawings- finished roof, floor and foundation
- Currently in the middle of our calcs- focusing on lateral loads
- We have made sheets that we will use to turn in calcs
- We are doing research for code requirements for log cabin

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

2/20/2024

Member #1: 3

Member #2: 3

Member #3: 3

Member #4:

Member #5: <hrs>