

BYU ENGINEERING

Civil & Construction Engineering

CAPSTONE

Project Status Report: CPST-0 05

Team Members: Julianna Edington, Isaac Averett, Josh Sweeten

Project Title: SEA Engineers

Weekly Mtg: 2/26 – CB building CAEDM lab

2/28- CB building CAEDM lab

1) Summary of technical/non-technical challenges encountered

- We are waiting on architectural drawings from Scott
- We are almost done with lateral loads- still working on wind
- We are working on steel deck / concrete slab calcs
- We are going to start storm shelter- using enercalc software
- We began working on poster and powerpoint

2) Team approaches & resolutions to overcome challenges

- We are mostly done with the CAD drawings – around 90%
- We need to work on the lateral loads, and calcs for storm shelter
- We got help from Dr. Judd and aaron and spencer to help us with calcs

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 lateral loads and steel deck this coming week- make spreadsheets

4) Project status & summary

- Currently almost done with our CAD drawings- finished roof, floor and foundation
- Currently in the middle of our calcs- focusing on wind loads, and steel/concrete deck
- We have made sheets that we will use to turn in calcs
- We want to finish calcs in next two weeks

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

3/4/2024

Member #1: 2

Member #2: 2

Member #3: 2

Member #4:

Member #5: