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Architectural/Design Portfolio

University of San Francisco

Graduate



Table of Contents

Oakland Art University ..... 4 - 5

Housing Complex ..... 6 - 7

Design Village 2017: Essence .....8 - 9

Personal Logo 10

Architectural Photoshopped Renderings 11

Small Cabin .....12 - 15

Oakland Art University

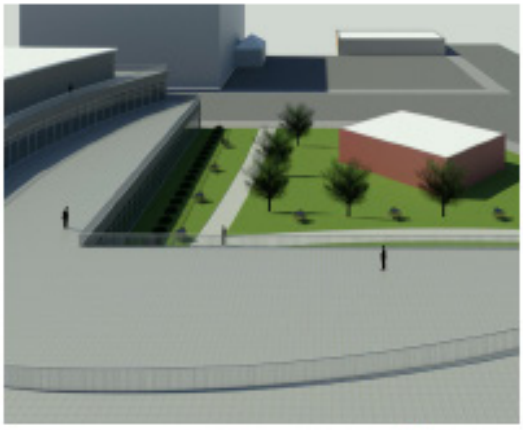
2100 Telegraph Ave.



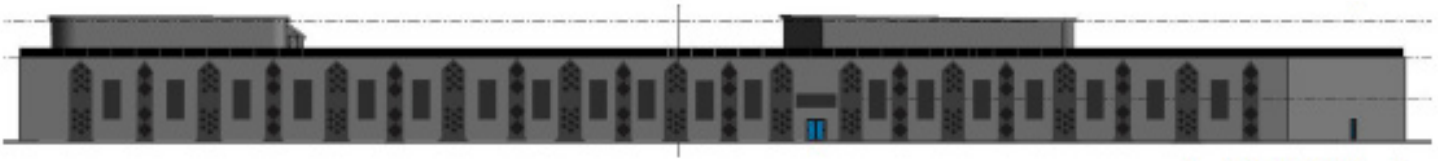
Oaklands city council and neighboring citizens have proposed for a University to be constructed at 2100 Telegraph, with several conditions to be met. For example, the site/University has to be welcoming and inviting for the public as well as have some sort of activity for them to enjoy, such as, a recreational center for the Youth and Seniors. This project reflects the needs of the community and as well as being a comfortable environment for the students that would attend here, while also looking asthetically pleasing.



3D Model on Site



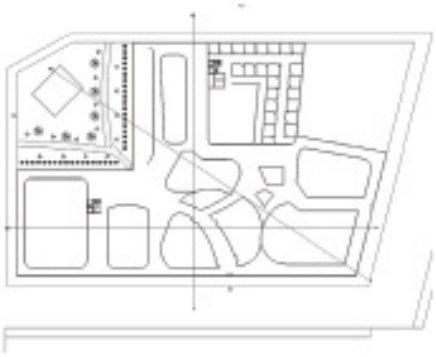
Roof Top View



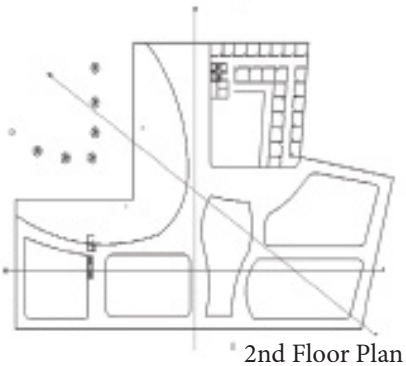
North/Front Elevation



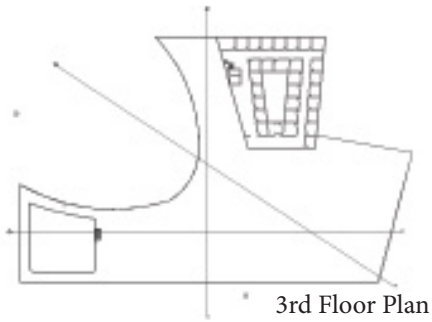
East/ Side Elevation



1st Floor Plan



2nd Floor Plan



3rd Floor Plan

Auditorium

Dorms

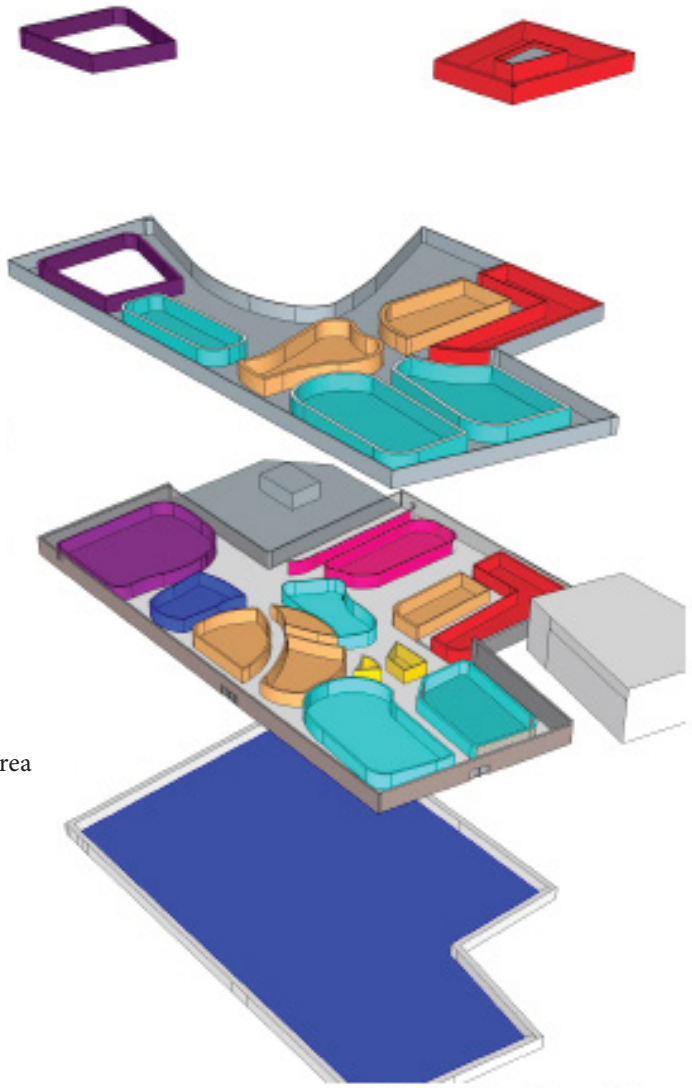
Classrooms

Study Rooms

Cafe/Market

Galleries

Recreational Area



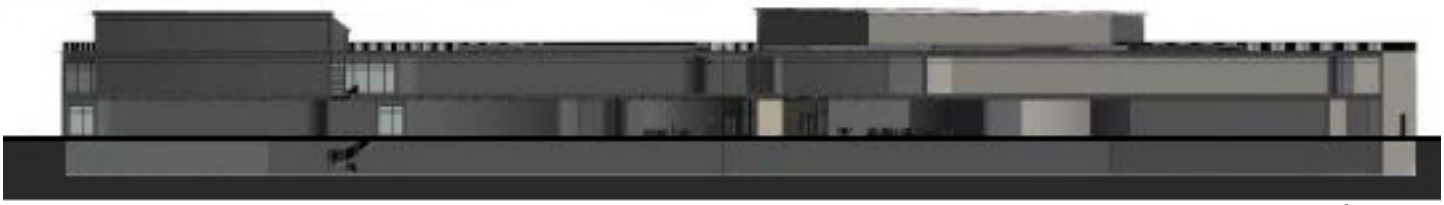
Exploded Axonometric



Diagonal Section



Vertical Section

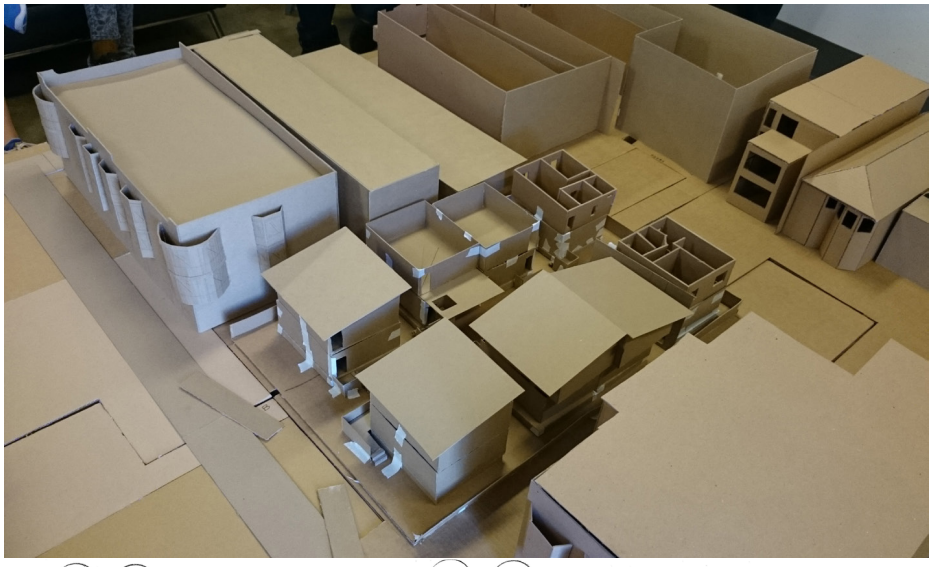


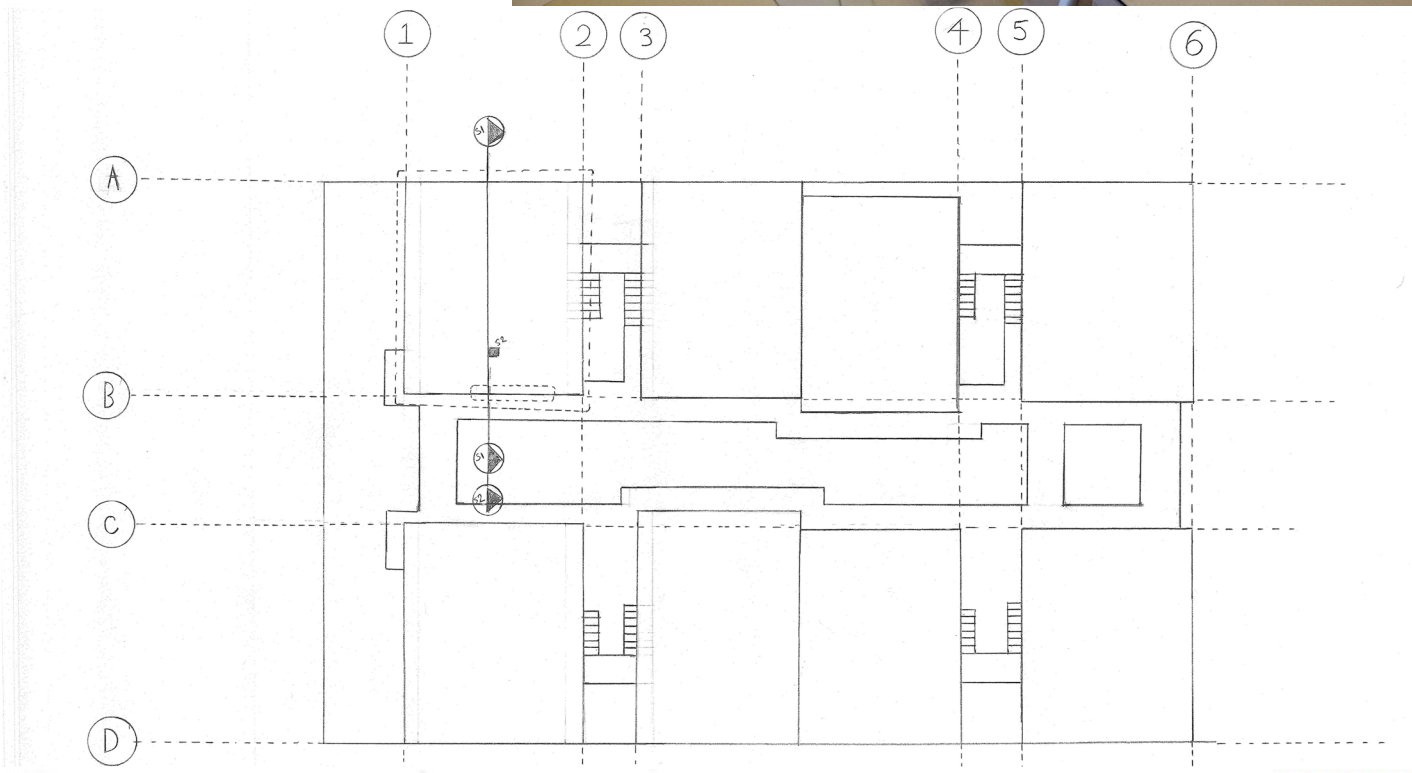
Horizontal Section

Housing Complex

8th Ave and Clement

The Purpose of this was to focus on small housing units with limited space. Requirements were to maintain within the boundary and have at least 500 sqft of living space, or 20'x25'. The precedents for the unit were to have a living room, bathroom, bedroom, guestroom, and a kitchen. They must also be raised on a plinth.

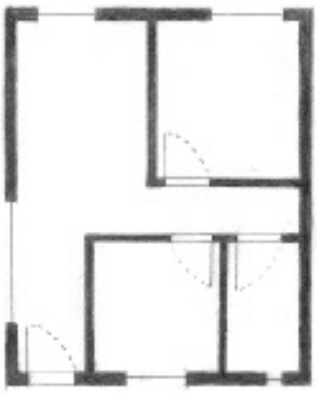




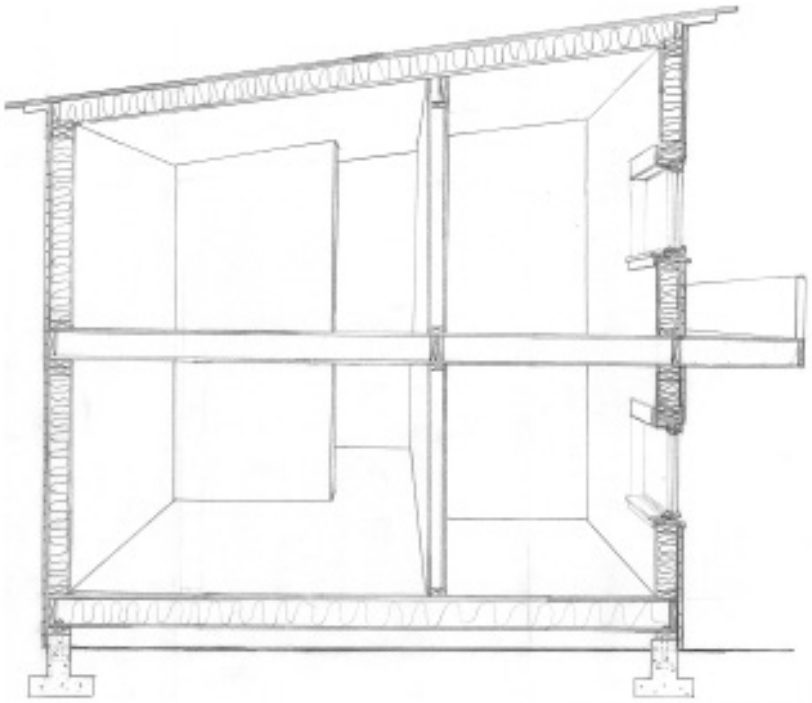
Site Floor Plan



Elevation



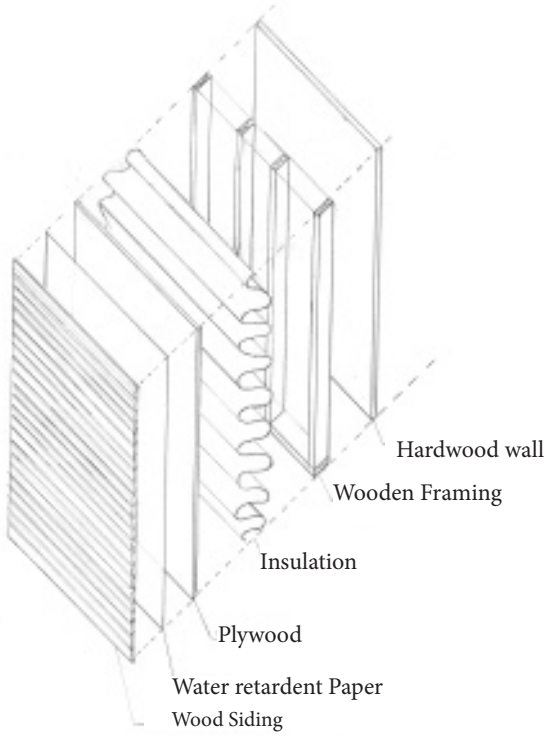
Unit Plan



Unit Detailed Section



Model Balcony View



Exploded Wall Axon



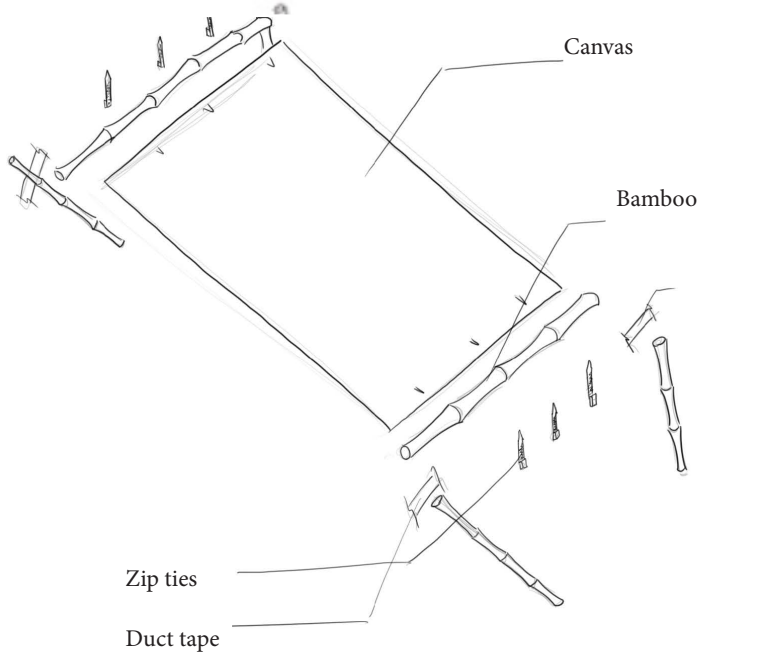


Detailed Window Section and Plan

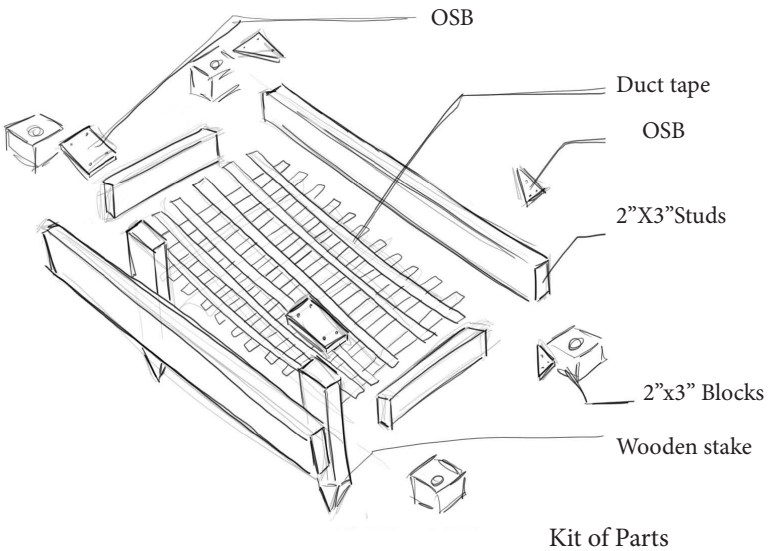
Design Village 2017: Essence

Cal Poly San Luis Obispo

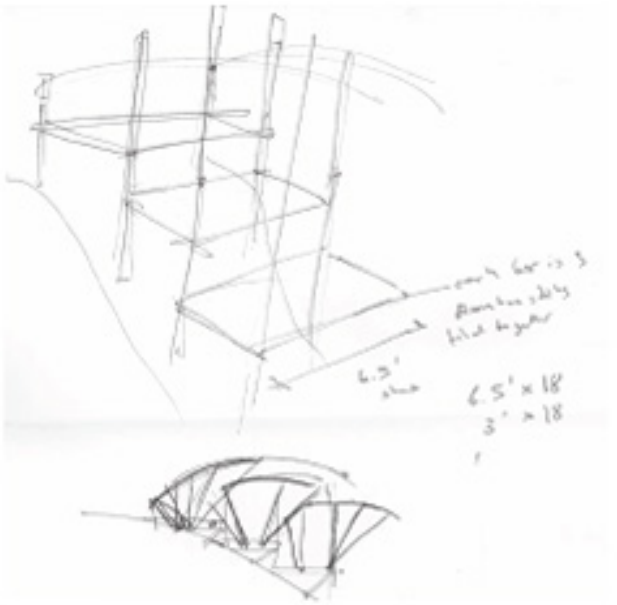




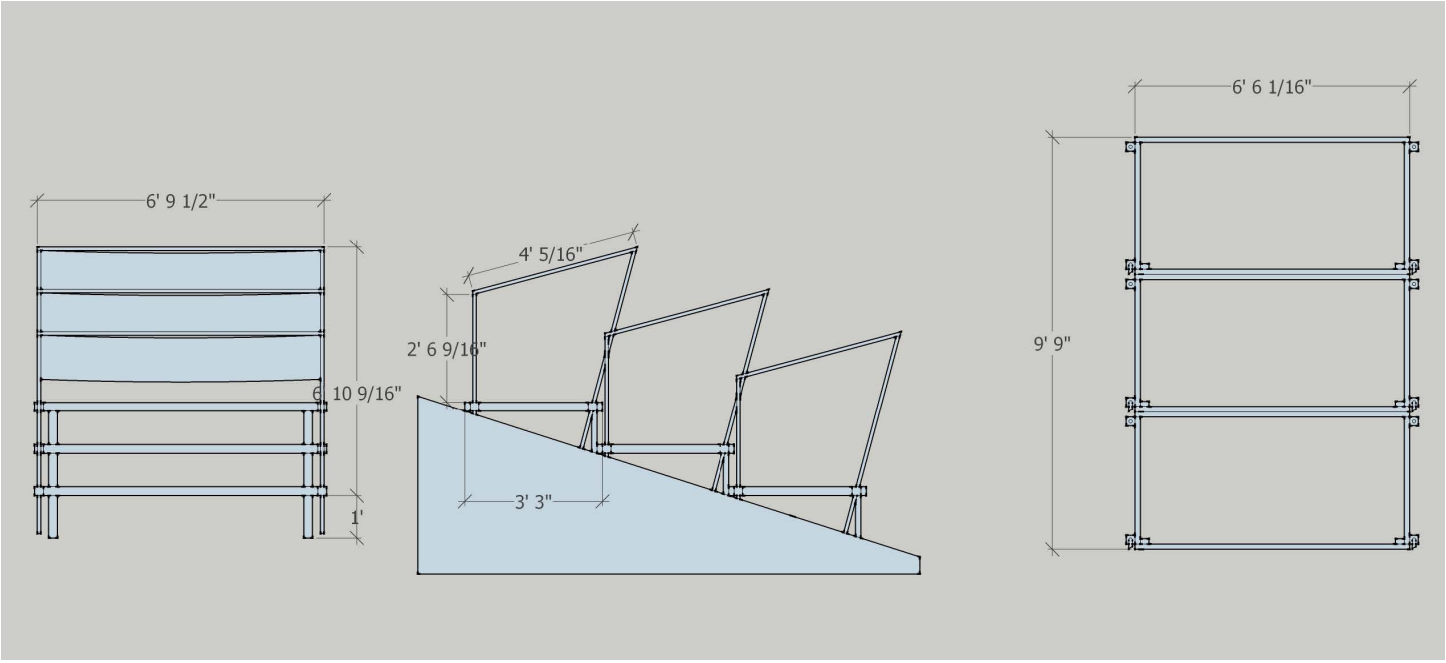
Design Village is a club/competition based at Calpoly San Luis Obispo's valley located about 2 miles away from campus. Every year they have a new theme and students from other schools. The purpose of the designs are to have structure that is easy to assemble and carry from location to location, in other words be nomadic. Also, another goal is to survive 2 nights in your structure, no generators and no fires. Our design's main aspect was the use of the existing slope to our structures advantage.



Kit of Parts



Initial Design



Dimensional Section



Axonometric



Upward View on 3D Model



Front View of Structure

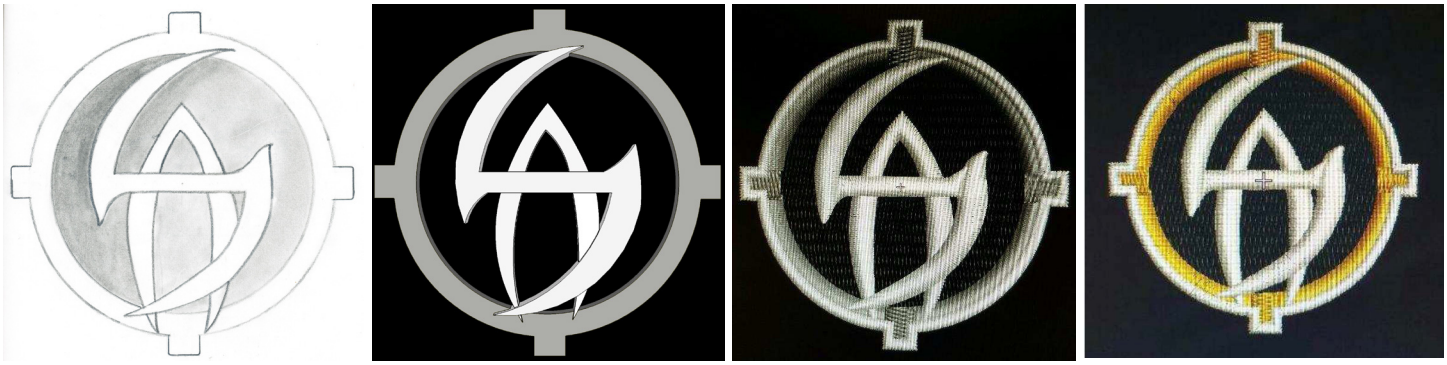


Side View of Structure

Personal Logo



This logo is something that I have been working on for a while. At first it started off as a drawing, then I progressed it into a 3D model. After a while I took initiative and even further developed it to become a stitching on a hat. My progression on this personal project has led me to selling these hats as well trying to adapt this image to other things such as lock screens or wall papers. I think my next step would be going beyond this logo and creating other designs and implementing them on T-shirts.



Logo Progression



Hat Model



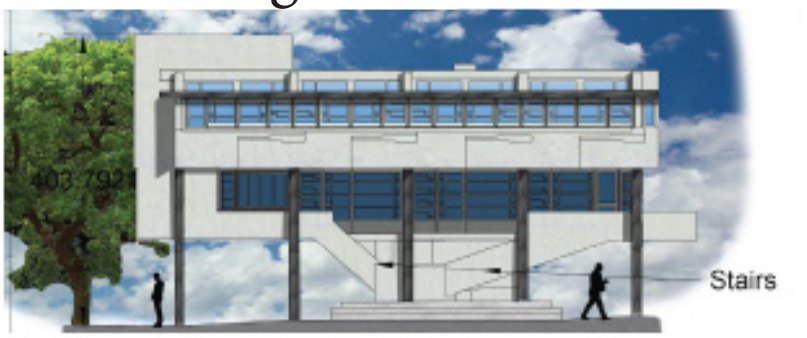
Lock Screen Logo



Logo on Hats

Architectural Photoshop Renderings

The buildings in the images around are of the Lovell Beach House located in Newport Beach, CA. The project started off in AutoCAD, from which it was then moved in to Google Skectch Up. From there the 3D model that we built, we were able to implement realistic materials to the building, in Photoshop, as well as add scenery. Within the class we learned to rotate the image to match a realistic slope or angle as well as learning how to fix shadowing to match the source of light. The Lovell beach house consists mainly of windows, therefore the editing process of those areas required a larger amount of work.



Elevation



Street View



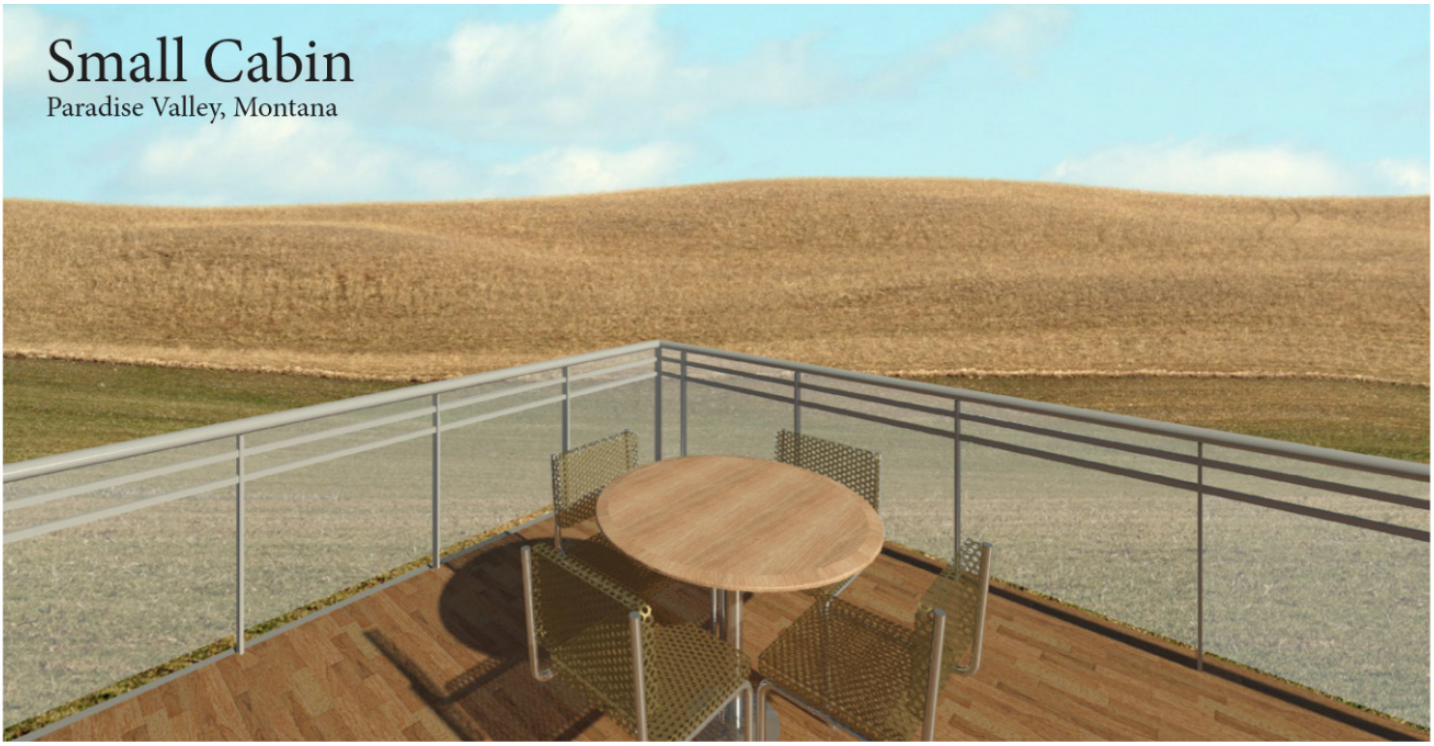
Interior View

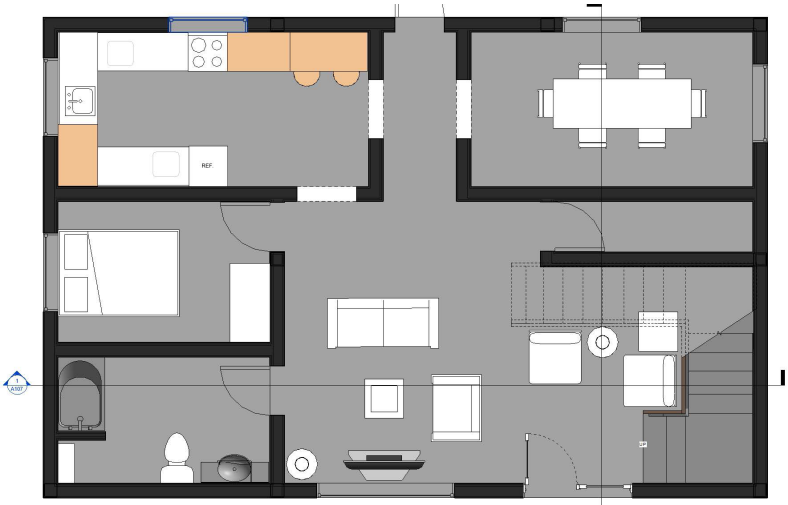


Exterior View

Small Cabin

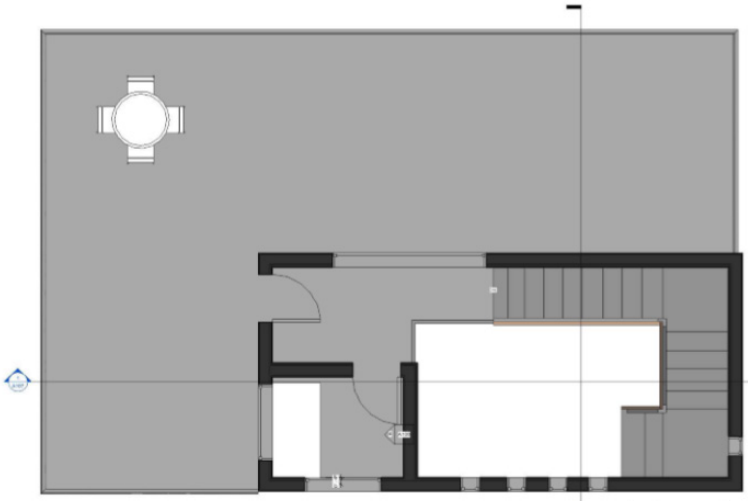
Paradise Valley, Montana





1st Floor Plan

The purpose of the project was to design a cabin for a single person to live in. Some given requirements were to have a 20'x25' first floor, a 20'x10' loft, including an office, a bedroom, kitchen, dinning room, closet, living room, and bathroom. The outside of the second floor was left as a deck for events. Another requirement was to figure out the weight load that would be distrubuted per square foot, as well as find the apropriate materials, widths, beam length, column height and rafter length.



2nd Floor Plan



Axonometric

Exploded Axonometric

Roof

Ceiling & Lights

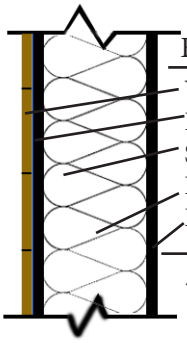
2nd Floor Walls

Outside Deck & Railing

1st Floor Ceiling & Lights

1st Floor Walls

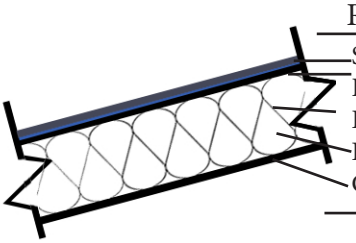




Exterior Wall

Wood paneling 1” 2.5psf
Plywood 3.0 psf
Studs 1.3 psf
Insulation 4” 7.0psf
Plywood 3.0 psf

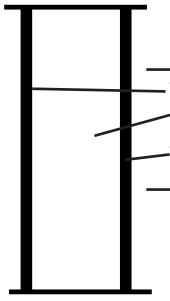
~17psf



Roof

Slate 1/4” 10psf
Plywood 3.0 psf
Rafters 1.3 psf
Insulation 4” 7.0psf
Gypsum board 2.5 psf

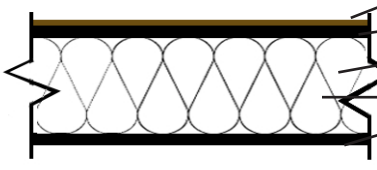
~24 psf



Interior Wall

Wood paneling 1” 2.5 psf
Studs 1.3psf
Wood paneling 1” 2.5psf

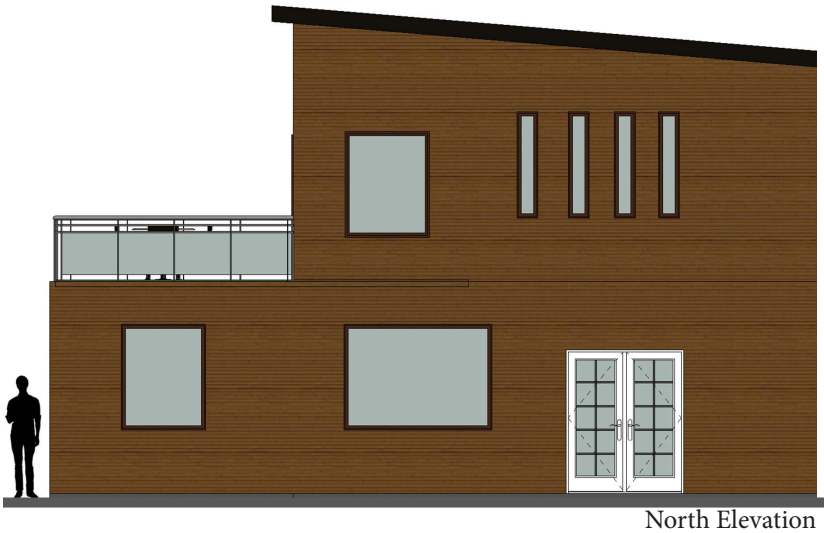
~7psf



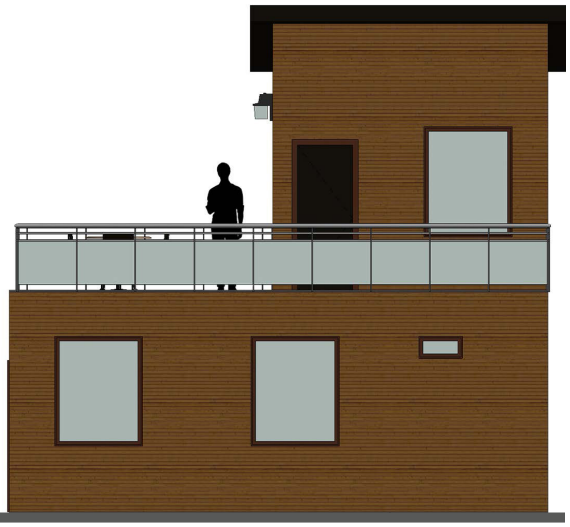
Floor

Hardwood Flooring 4.0psf
Plywood 3.0 psf
Studs/Rafters 1.3 psf
Insulation 4” 7.0 psf
Wood paneling 1” 2.5psf

~18 psf DL
+ 40 psf LL
=58psf Total Load



North Elevation



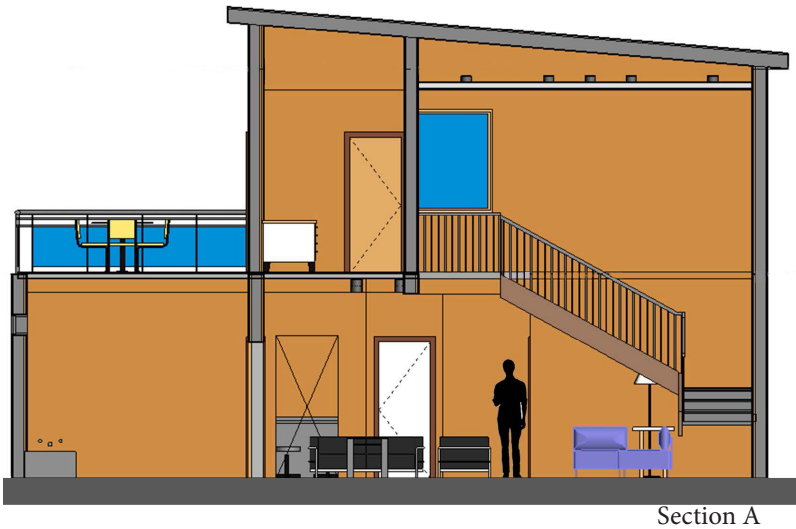
West Elevation



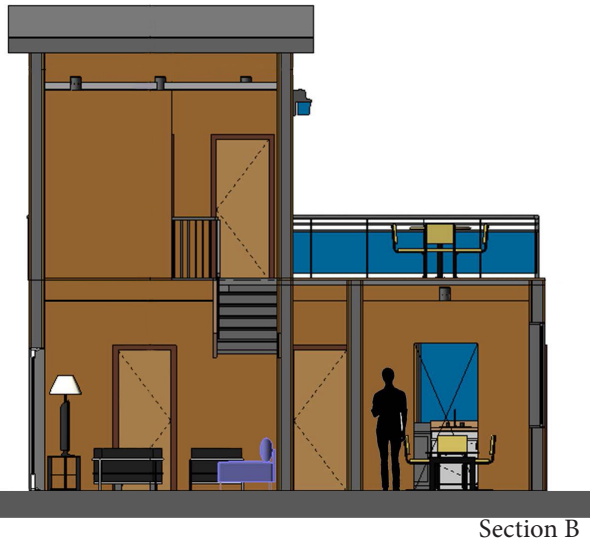
South Elevation



East Elevation



Section A



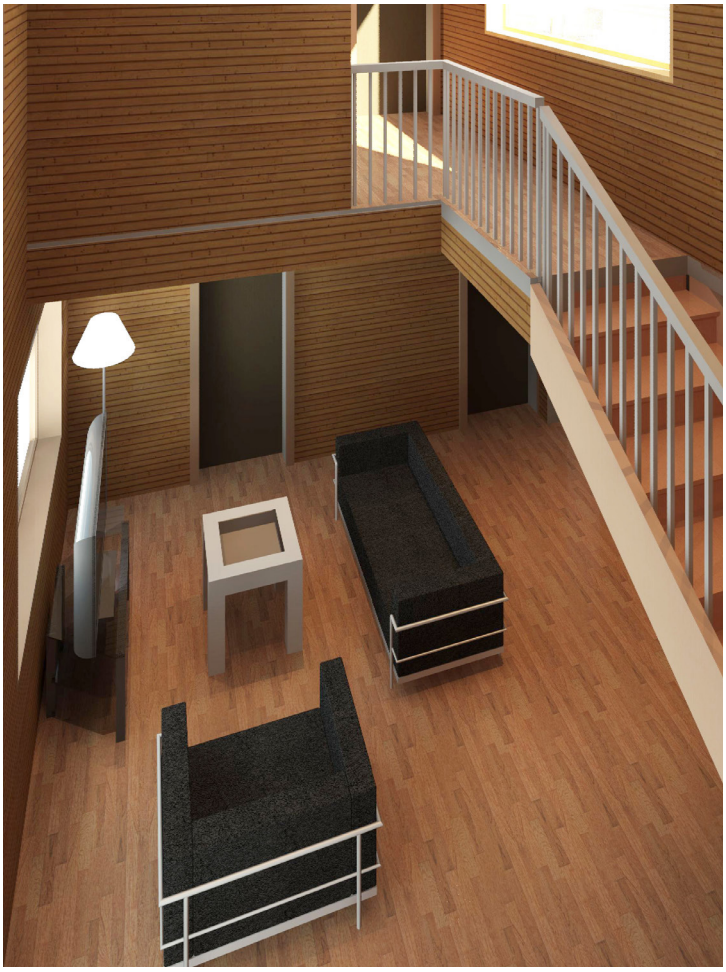
Section B



Kitchen View



Living Room View



Down Stairs View



Living Room View