

Practicum 2- Cabin Compound

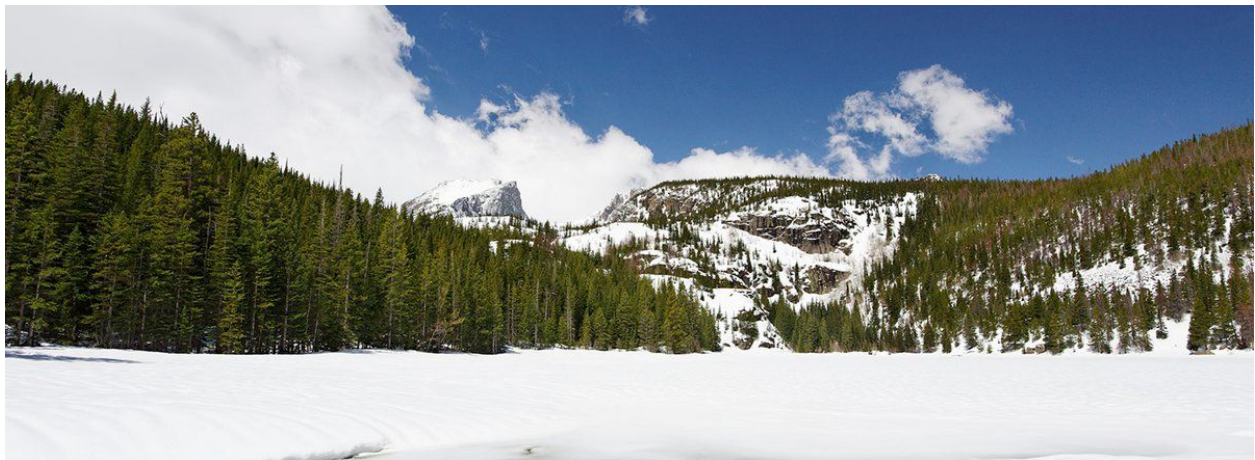
In this project, I will create a design that will blend into the mountainous landscape around it and harbor a natural getaway from city life for the client. The client for this project is 3 married couples who live in urban areas. The design will act as a “timeshare” for them and must highlight the environment surrounding the site. It must also address many aspects of mountain vacations, such as hiking, camping and escaping city life.

Driving Question

How can architecture create a safe, familiar space while still forging connections between the built and natural environment?

The Site

The project takes place in a fictional site based on the Medicine Bow-Routt National Forest along the North-Western edge of the Rocky Mountain Range (topographic map will be created). The buildable area will be 125ft by 250 ft



Requirements

In this project, each one of the couples must have their own living space separate from the others and the site must have all the accommodations of a regular domestic house. When the project is complete and presented, it must include:

- A full 3d rendering of the buildings/site
 - Using Revit

- Must include structural components such as a basic foundation for mountainside living and compensation for site's soil composition
- A Model of the topography/landscape of the site and buildings
 - Using Laser cutting for topography scale model.
- 2 sections of each building
- Elevations of each building
- Floorplans of each building
- Multiple Diagrams for each building's properties (Via Adobe Photoshop/Revit's annotating functions)
 - Public/Private
 - Flow of movement
 - Indoor/Outdoor
 - Verb & object usage
 - Sun Study of the site
 - Material Study
- Sketches and research to show the design process
- Create a design that has specific materials used throughout the building (be particular with the kinds of cement,wood,brick, etc.)

Research

- I. What kind of buildings are constructed in the North-Western Rockies?
- II. What are the common structural elements and material components used in mountain cabin houses?
- III. How is the climate around MBRNF?
 - A. How many inches of snow/rain do they get a year?
 - B. What is the soil content of the area?
 - C. Is their natural disasters? (i.e. earthquakes and snowstorms)
- IV. What's the vegetation of the Area?
 - A. Tree types?
 - B. Are there regional species?

These questions, and any additional details should be documented and put into a written/visual piece via adobe creative cloud programs (illustrator, photoshop, etc.) that can act as a reference for the project as a whole.