

# Solar Sanctuary

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ENVD 1120 - 212

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**Client: Jake Schlabs**

This retreat is a space that responds to the clients need for a comfortable space that can be used for both social and solitary activities. The main functions of the space are gathering, cooking, and making art. The largest part of this retreat will be the gathering space composed of the kitchen and sunroom. These will be connected by an open floor plan to give the sense of fluid space. The kitchen contains a counter with cabinets and a small table. To go from the kitchen to the sunroom will be two steps down to give the sense of a sunken living space. The sunken feel is representative of popular conversation pits and will make this the primary gathering space in the retreat. the sunroom is created by a high ceiling and large windows that allow for large amounts of natural light. Connected to the kitchen is a short, arched hallway with shelves on either side for storage of kitchen or art materials and supplies. The hall leads to a more private room for the client to make art. This room is suited for more direct natural light in the mornings and indirect light throughout the rest of the day. The east side of the retreat, consisting of the art room, hallway, and kitchen are all under a barrel-vaulted ceiling and roof. Arched doorways are an important design aspect for the client, and they are implemented in the front door and hallway as well. The layout of the space also allows for the addition of indoor potted or hanging plants as well as other furniture.

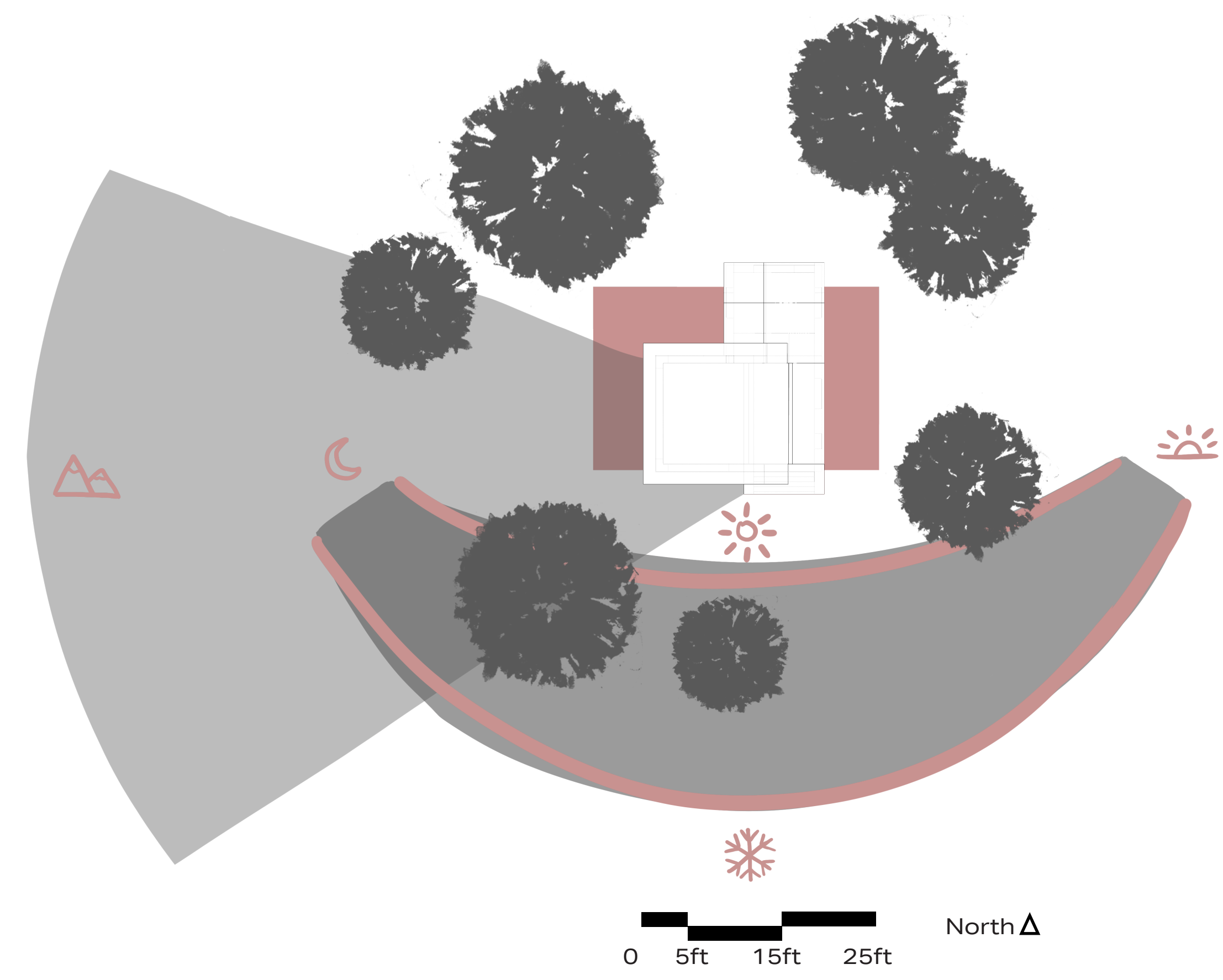




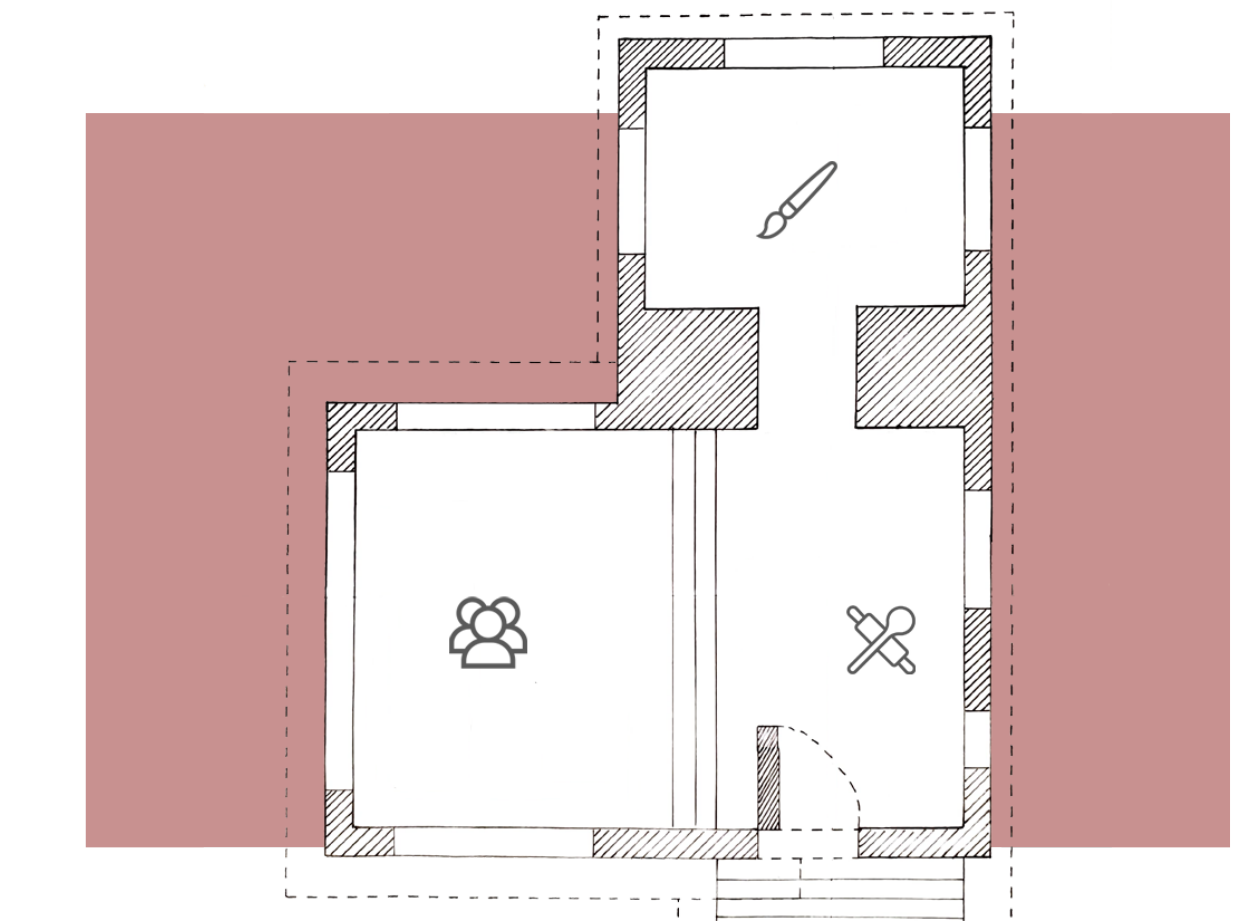
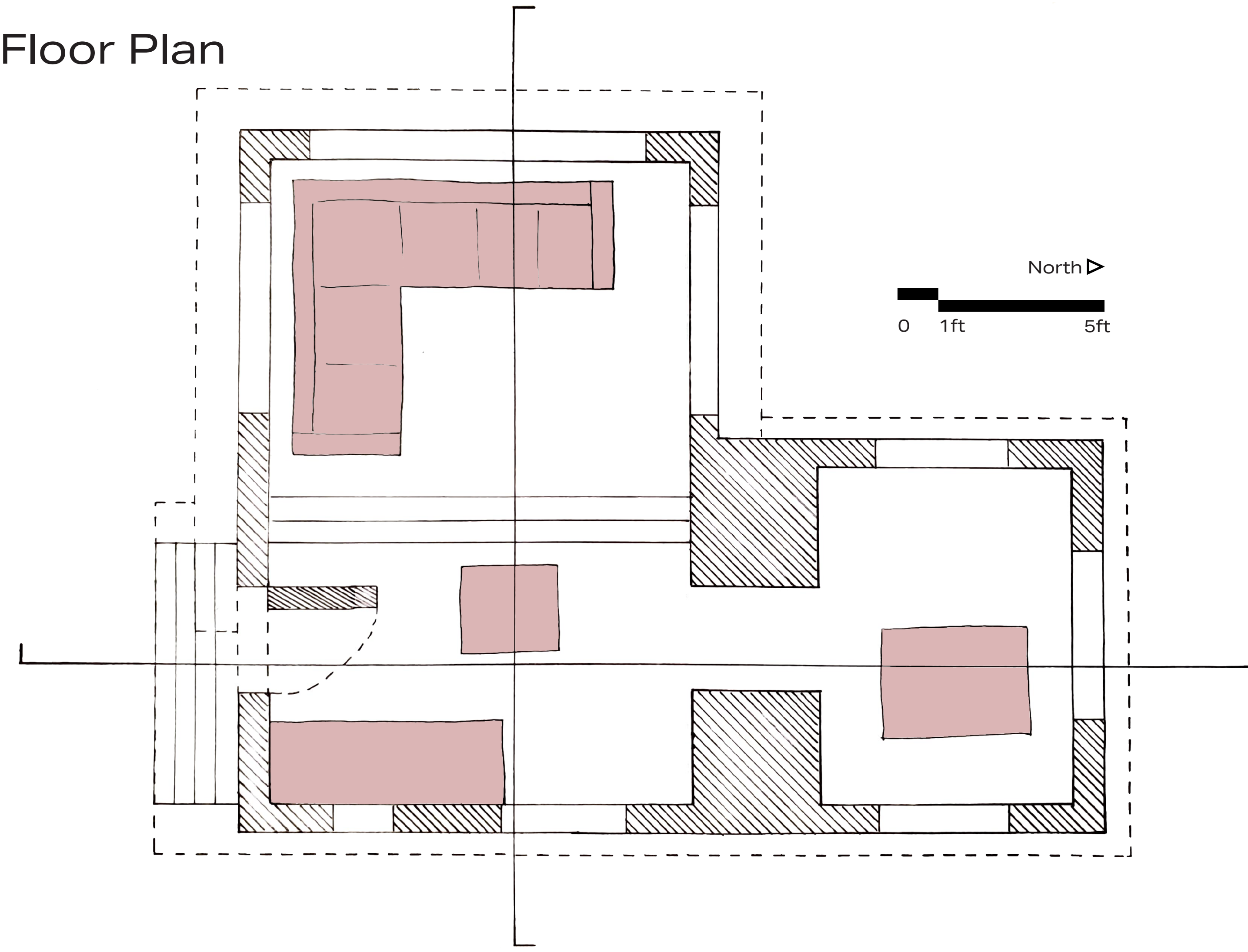
The site for this retreat is located in North Boulder in between Upland Avenue and Violet Avenue that run perpendicular to 19th St. The retreat itself sits directly north of Vine Avenue, which runs through the middle of the site.

The positioning of the structure allows for maximum amounts of natural light to penetrate the space throughout the day. The large sunroom windows also face west and provide some view of the Flatirons and foothills in the distance.

**Plan View & Site Analysis**



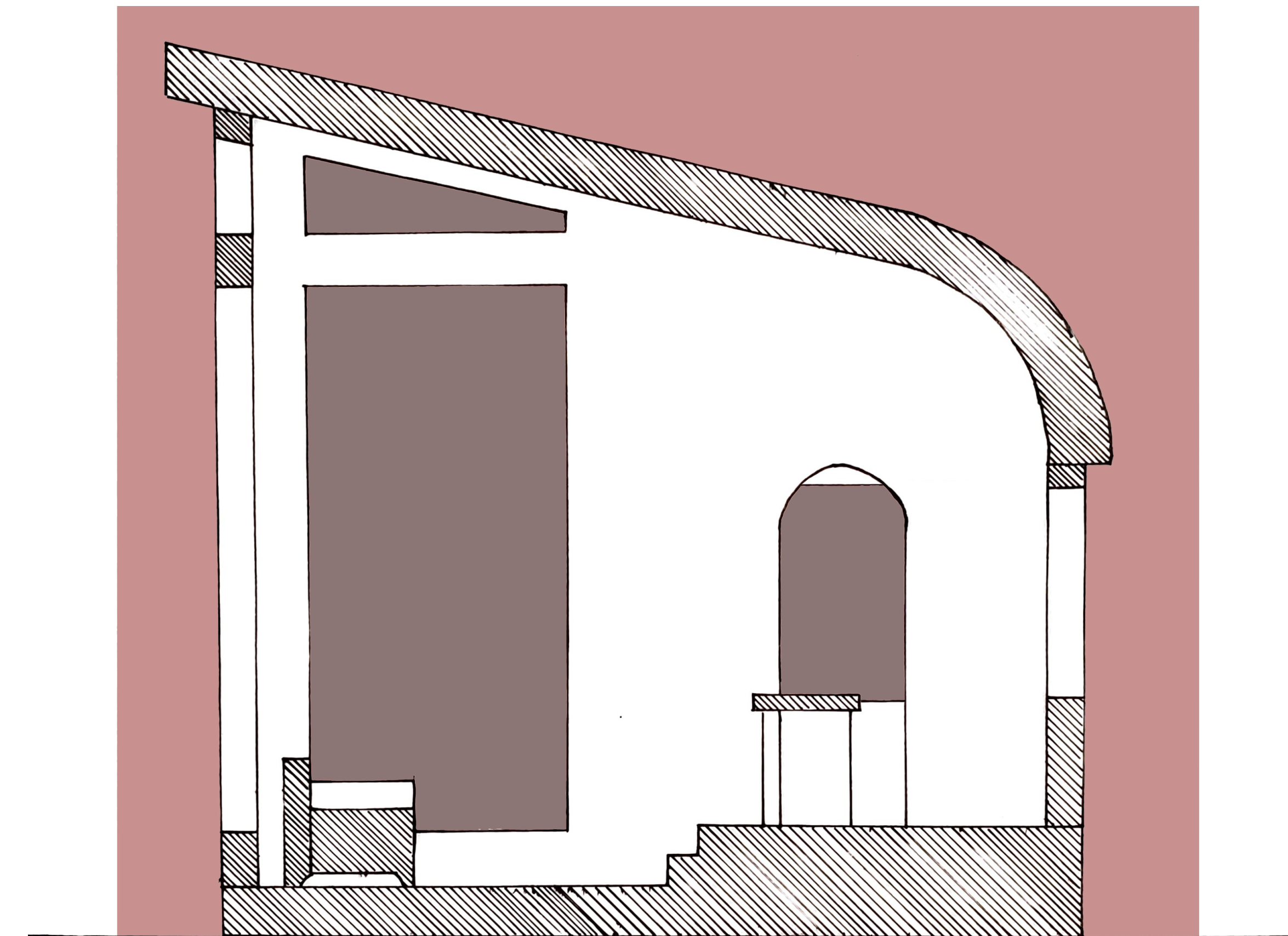
**Floor Plan**



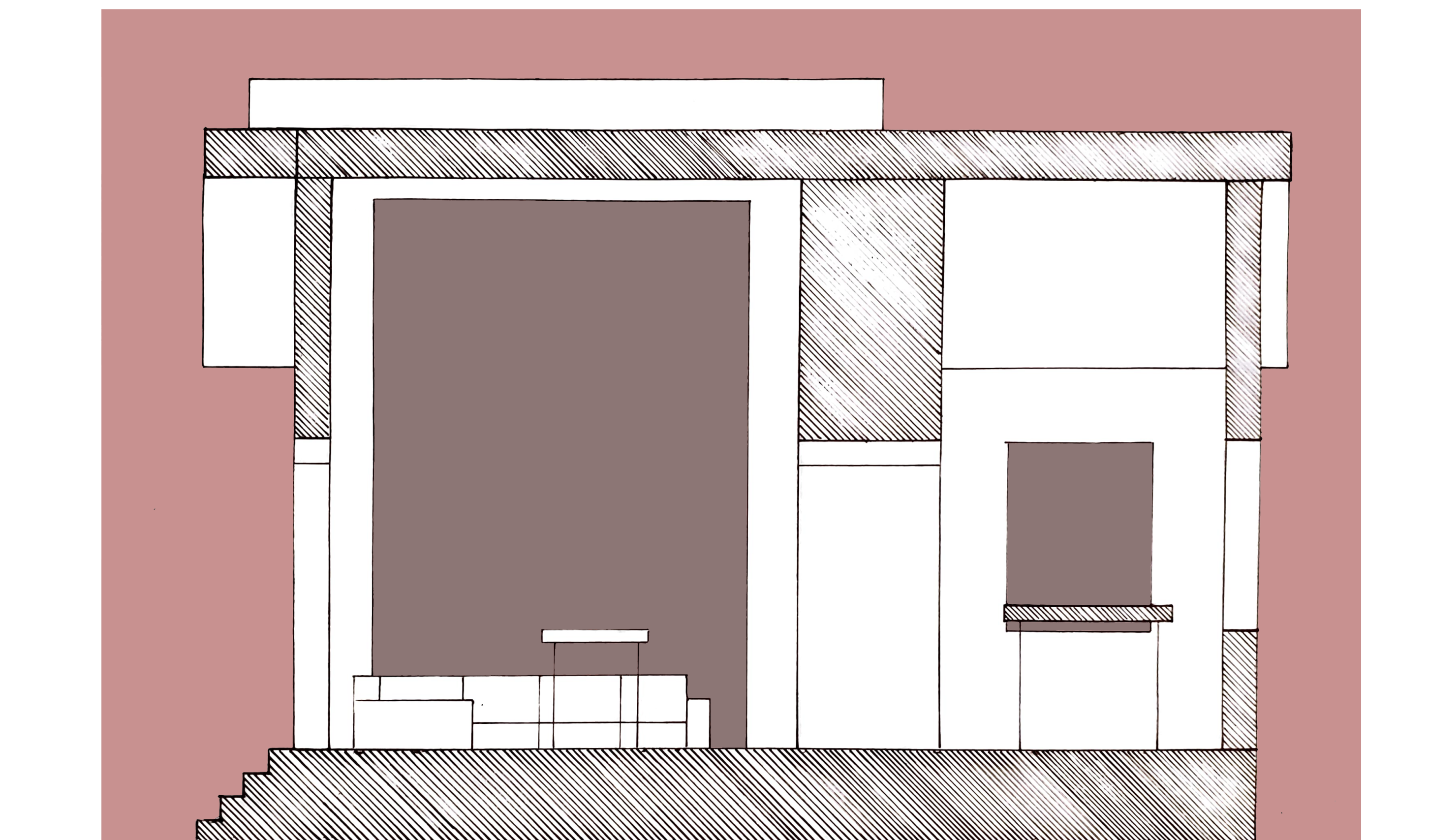
**Program Diagram**



**Conceptual Montage**



**Section 1**



**Section 2**



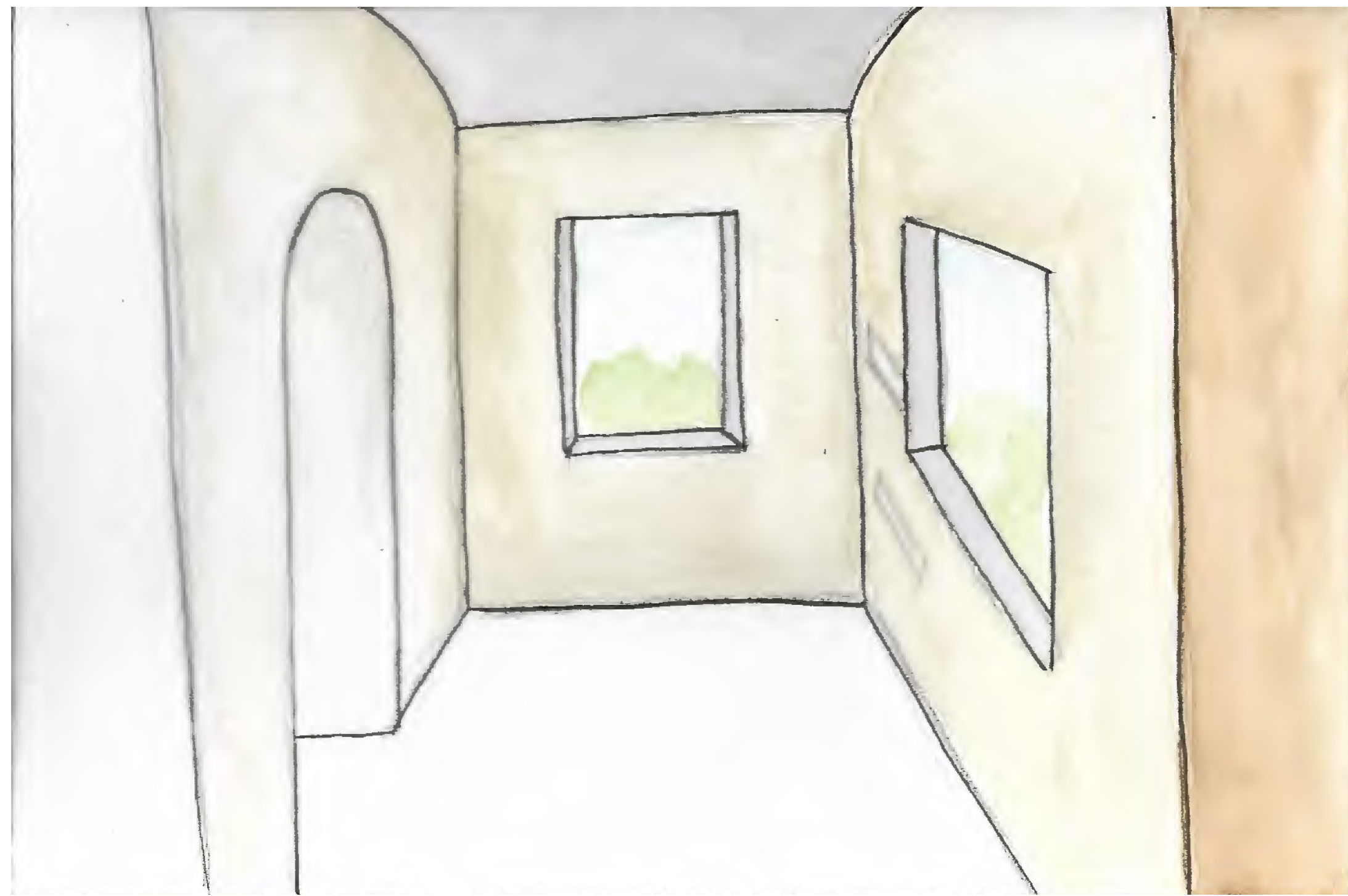




Watercolor Sunroom View



Watercolor Kitchen View



Watercolor Art Room View

Section Perspective 1

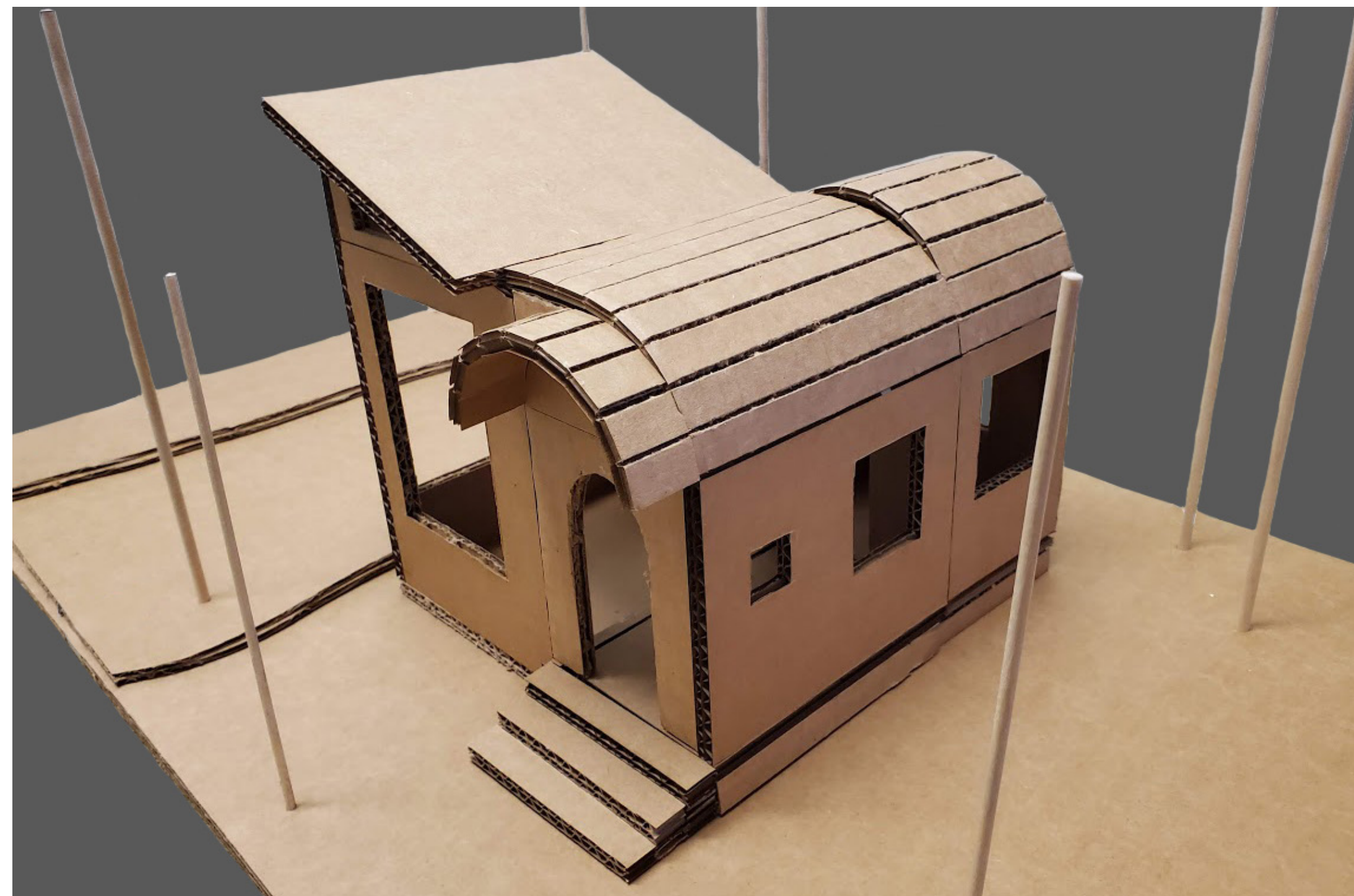






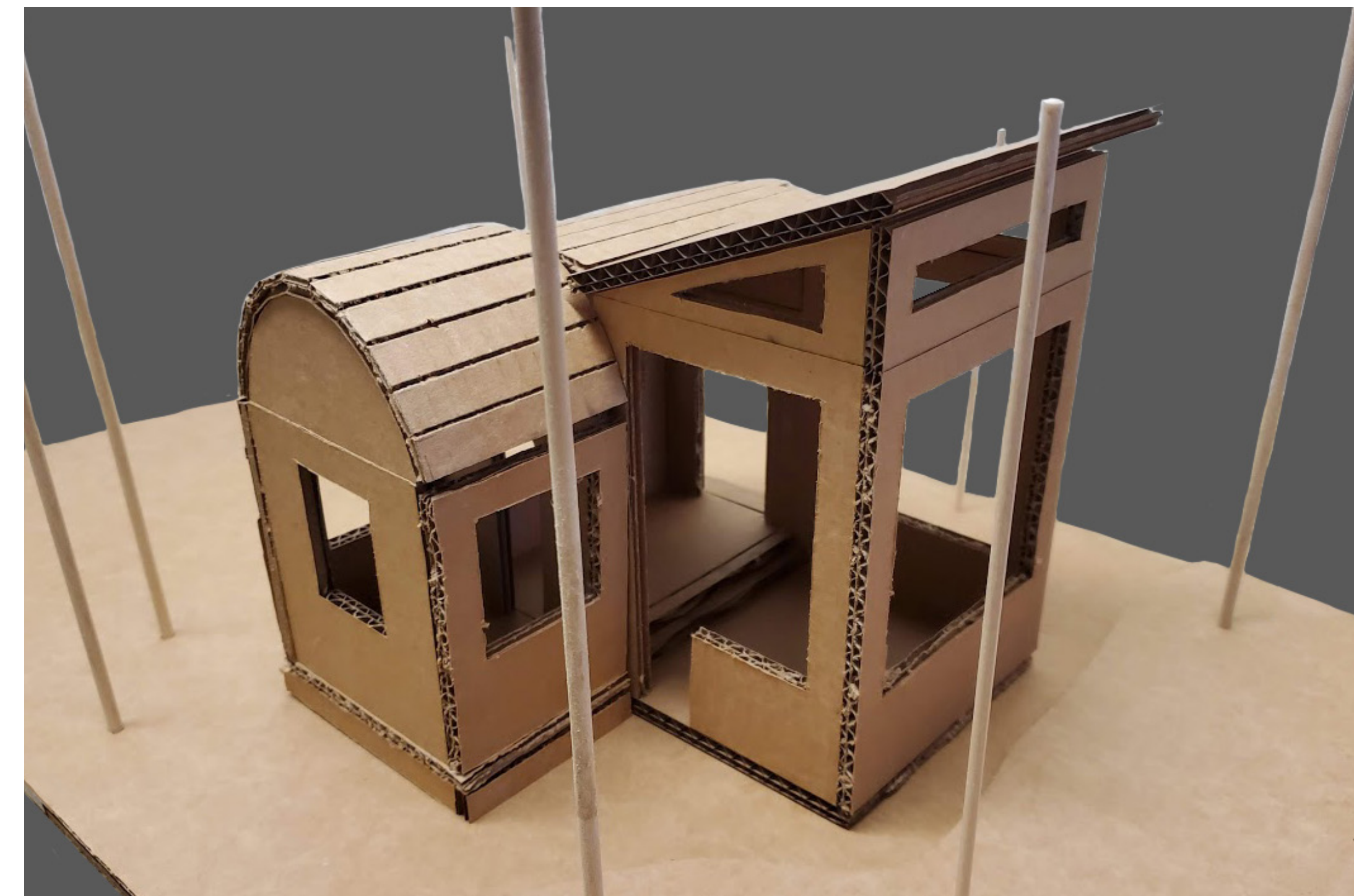
Model Image 1

North  $\Delta$



Model Image 2

North  $\swarrow$



Model Image 3

North  $\triangleright$

### Section Perspective 2

