



Canoe Workshop Render

Study of Living Things Through Making

Living Forest | Materials | Site | Building



Living Forest

The forest is alive, continually growing, and reacting to its surroundings. This ideology will be instilled within the design of the site and building, pulling from the teachings of creating birch bark canoes. The students will participate in forest walks, the harvesting of natural materials primarily from the birch, cedar, and spruce trees. It is through this process along with the making of the canoe that these indigenous teachings will be remitted into the youth of the coming generations, serving as an example to all those who visit the visitors centre on site.



Living Materials

The materials from all aspects from the canoe build are from living things. This begins with the skin of the birch tree and continues to the trunk of the cedar and the roots, and sap (pitch) of the spruce tree. The constructing of this traditional craft is incredibly ecological. Principles of this indigenous design philosophy will be carried into the designing of the site as well as the constructing of a canoe building facility / interpretive centre where the teaching of canoe building will be taught as well as on display to serve as an example for the rest of the world.



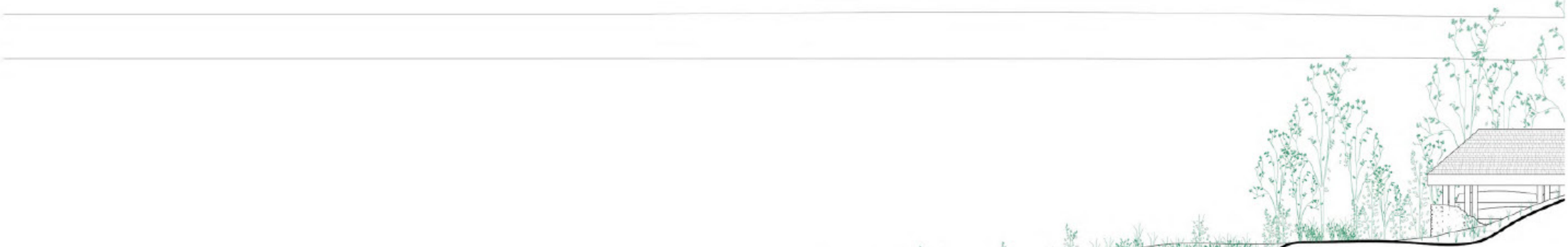
Living Site

Pulling from the teachings latent within the canoe building process I will be re-incorporating as much native natural vegetation as possible on the site. The edges of the site will be softened with the addition of planting typically resident to the sides of river banks seeing as the current flowing from the falls just up stream can be pretty strong. This action will solidify the banks with root systems and serve to prevent the continual erosion of the banks of Victoria Island. It will also provide a holistic canoe launch site that is truly representative of northern waterways only furthering the dual latent in the canoe launching process.

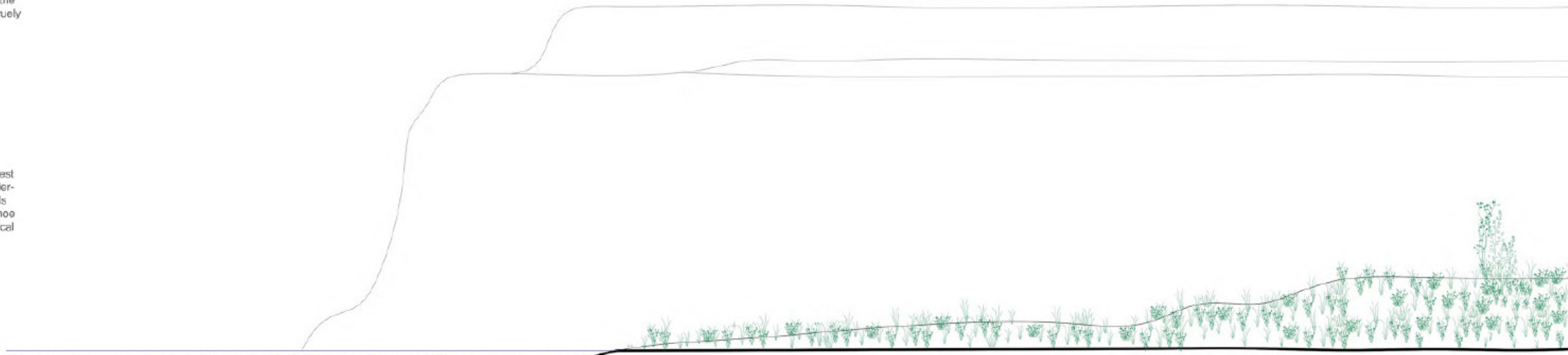


Living Building

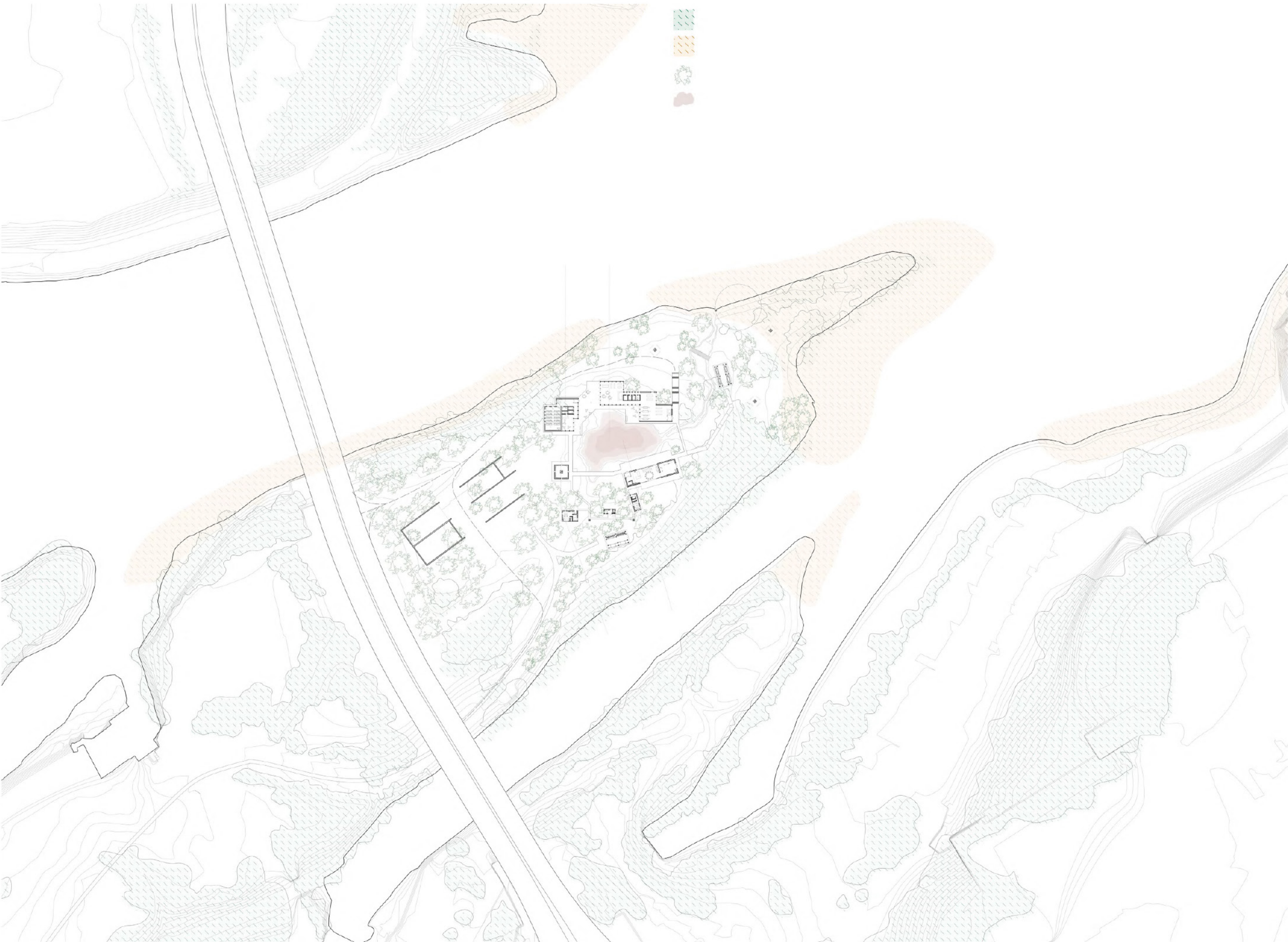
The building will be sited on the land with the great respect being placed on the journey through the forest to reaching the building. The site will be regenerated with native forest typologies with clear paths meandering through it to provide a setting for the building. The building itself will respect the fact that all materials are in some way alive and will be respected in such a way that respects them in a similar way to the canoe building process. The building will be green and will have the least amount of impact on both the electrical and sanitary grid as possible. I will be incorporating green building practices at every possibility in the design process in order to accomplish this.



Section I - 1:150 Looking East



Section II - 1:150 Looking East

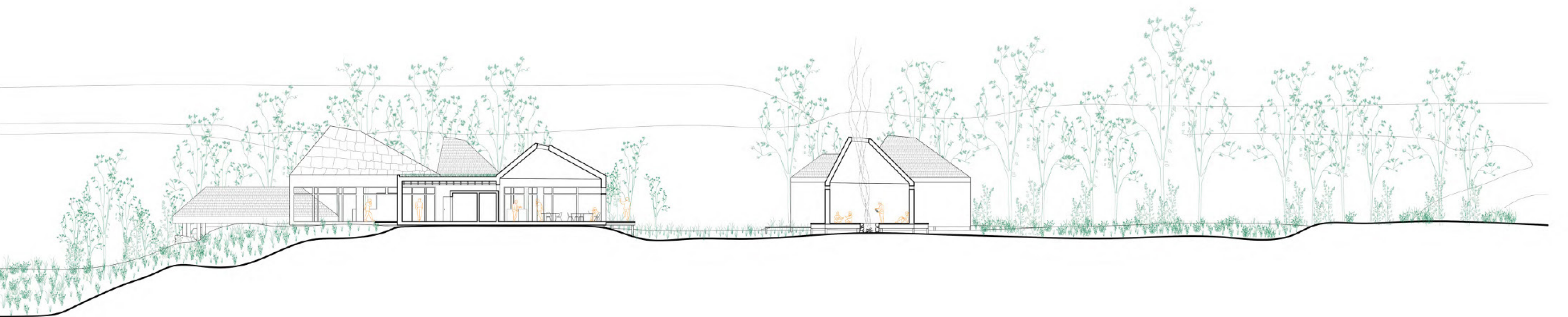


Site Plan - 1:950





Render Overlooking the Stormwater Retention Pond

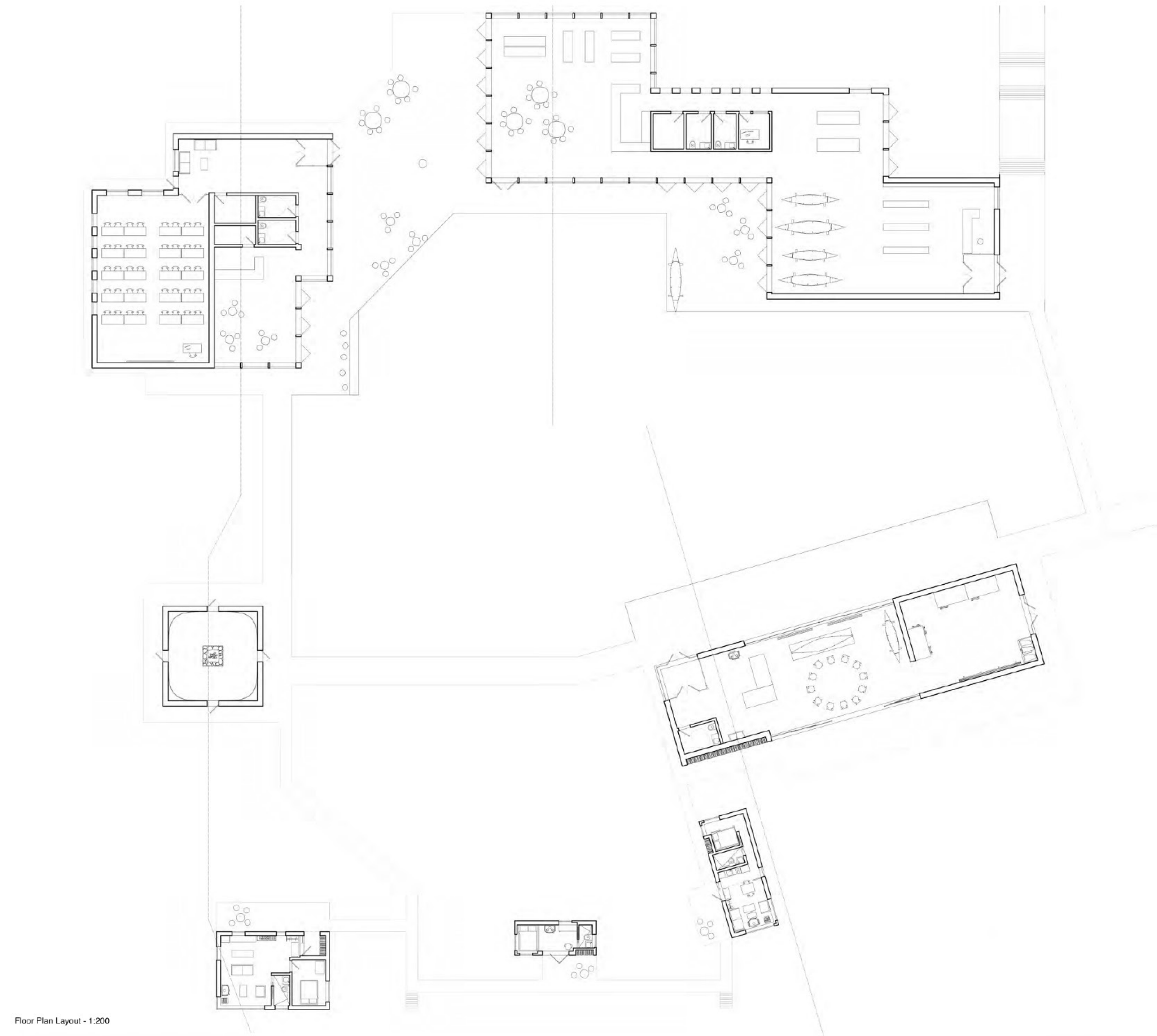


Site Plan - 1:300

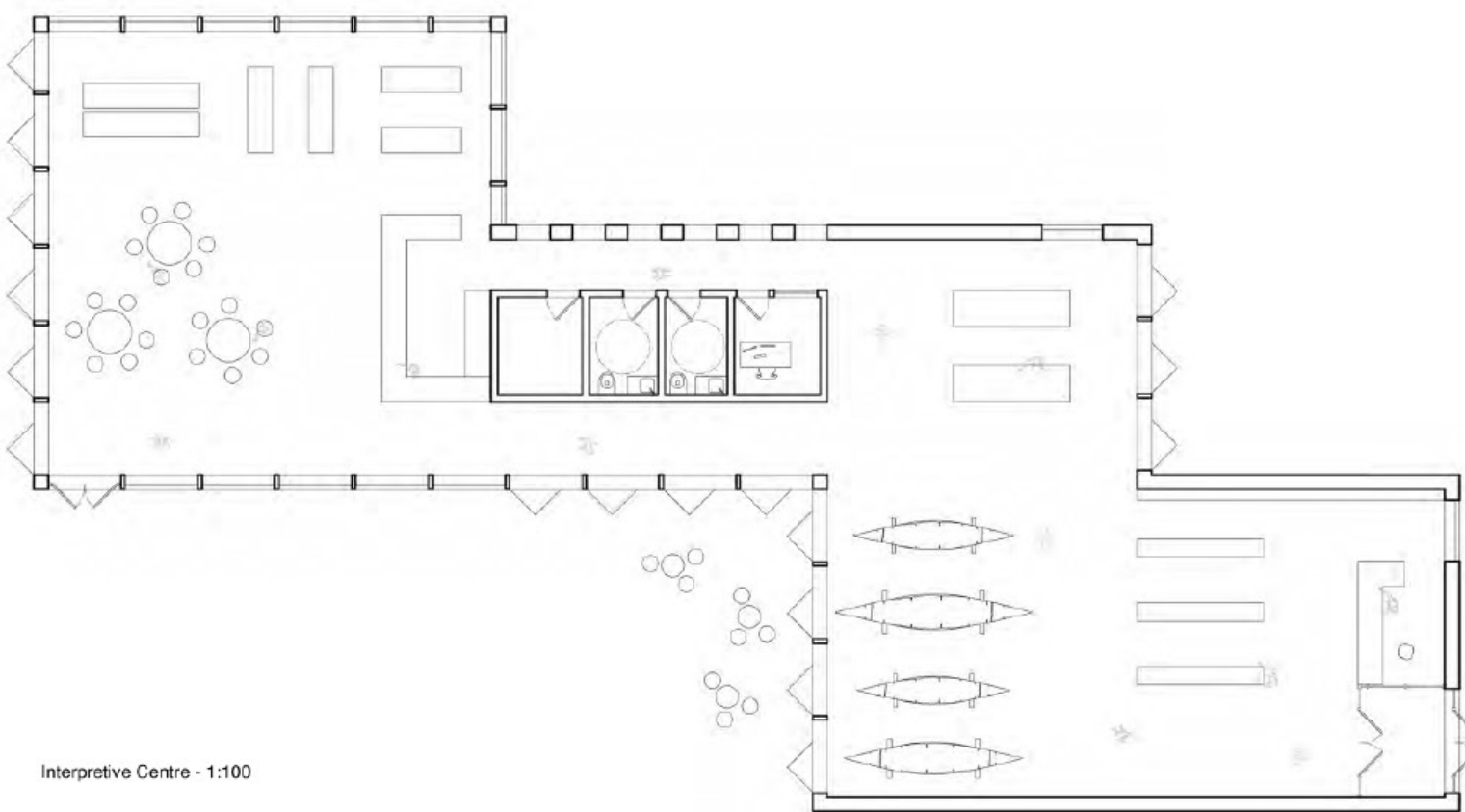




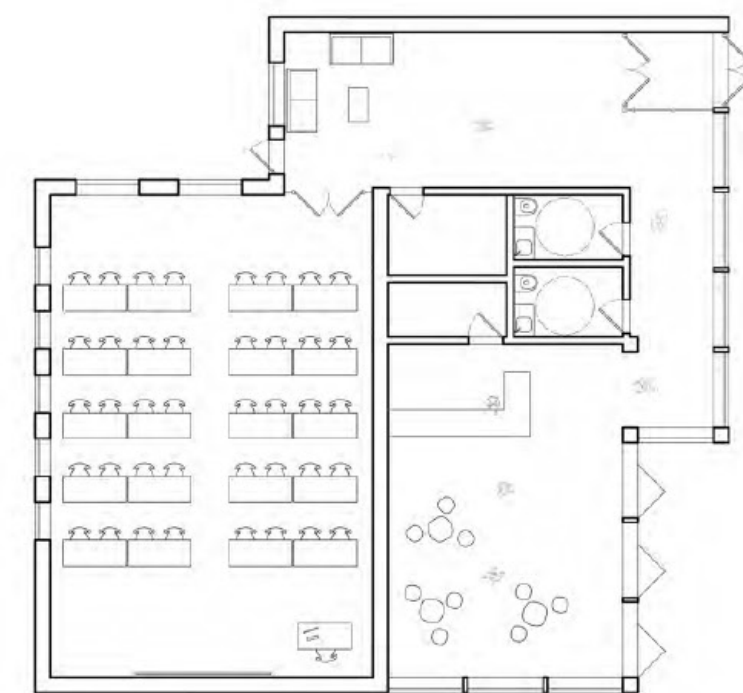
Render of the Interpretive Centre Hall



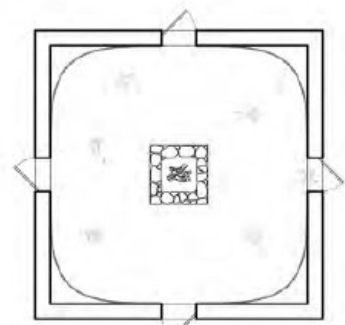
Floor Plan Layout - 1:200



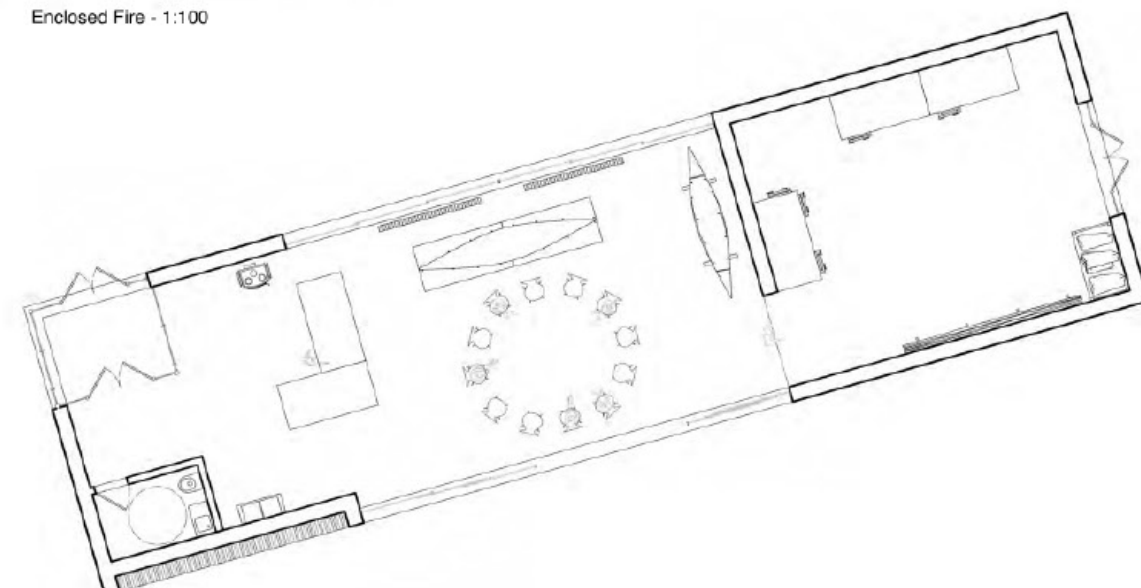
Interpretive Centre - 1:100



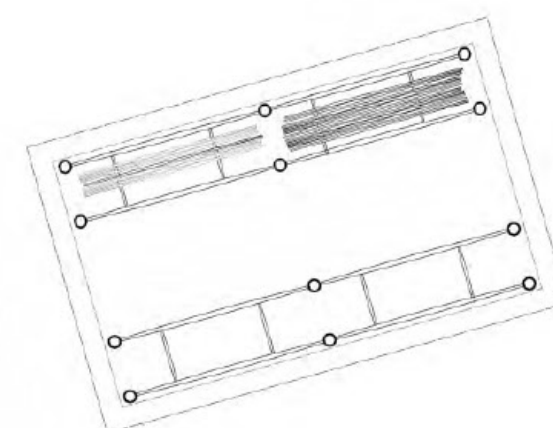
Classroom / Cafe - 1:100



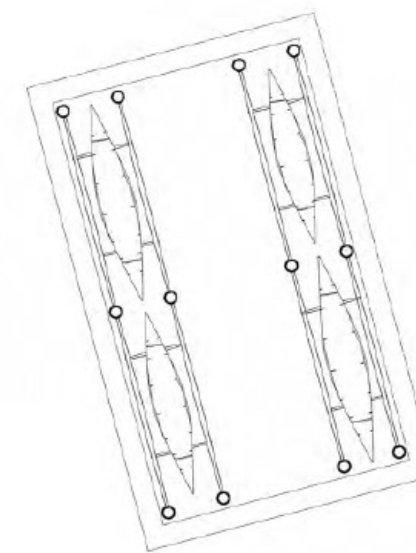
Enclosed Fire - 1:100



Canoe Building Workshop - 1:100



Wood Storage Building - 1:100



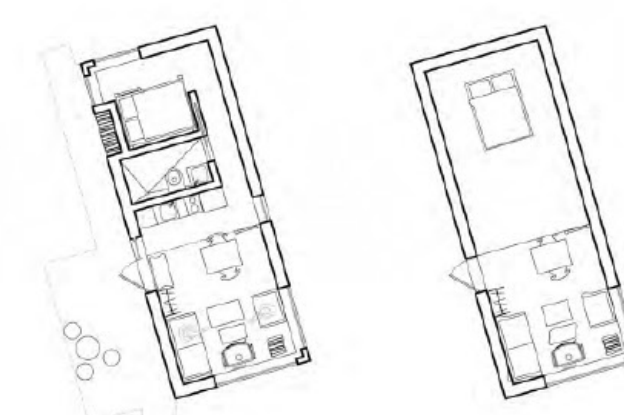
Canoe Storage Building - 1:100



Larger Cabin for Elders - 1:100



Tiny House for Visitors - 1:100



Three Bedroom House - 1:100