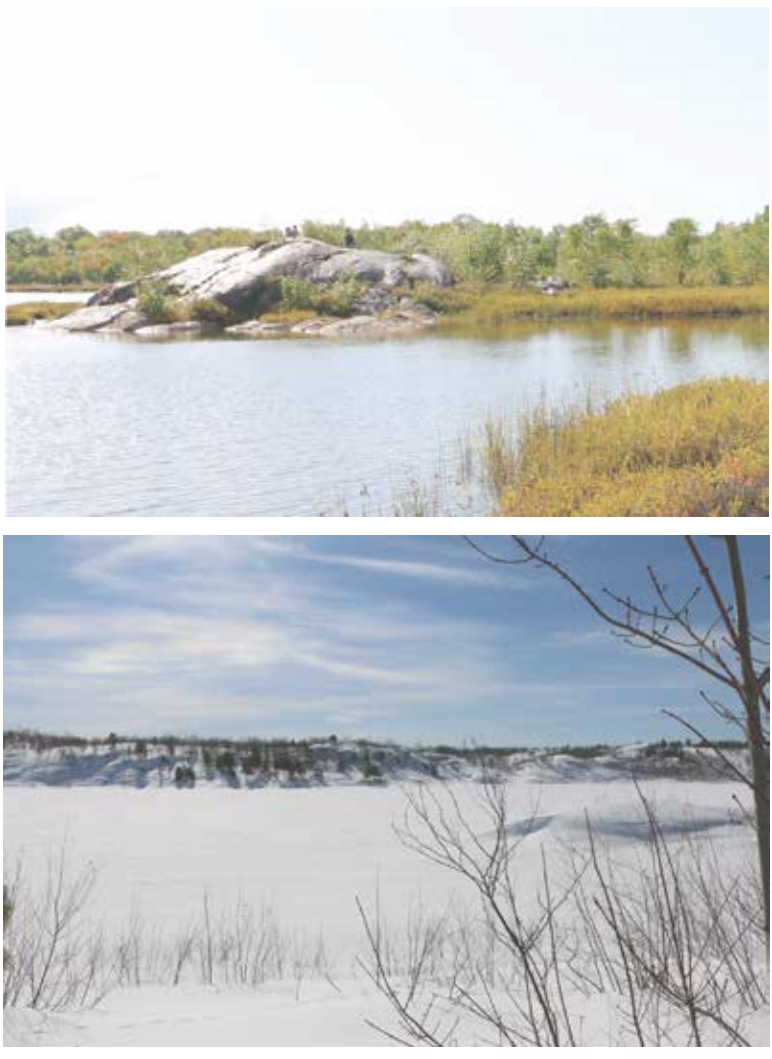


# Hygge (hoo-guh)

Grace Wilson  
Arch 2505-EL

*Hygge: (hoo-guh) a quality of cosiness and comfortable conviviality that engenders a feeling of contentment of well being and the connection to others. This projects explores the experience of sauna through the social lens and seeks to extend the experiential memories of sauna through a collection of community gathering spaces, reminiscent of Camp, while responding to the changing landscape of both summer and winter conditions. This comfortable atmosphere encourages connection between both community and its surrounding landscape.*



## Community Precedents



DONOVAN SUB, DIV., SUDBURY, ON,  
Source: [https://en.wikipedia.org/wiki/Lithium\\_nephelinites\\_of\\_Sudbury](https://en.wikipedia.org/wiki/Lithium_nephelinites_of_Sudbury)



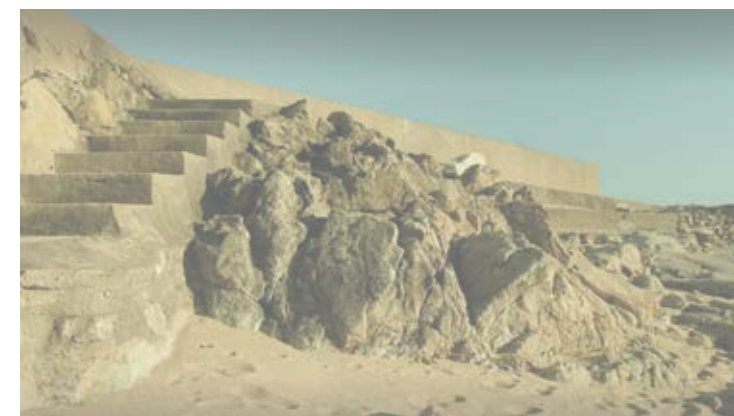
Source: <https://www.sudbury.com/local-news/2016/04/06/register-your-ice-hut-259843>

[https://en.wikipedia.org/wiki/Finnish\\_sauna](https://en.wikipedia.org/wiki/Finnish_sauna)

## Design Precedents

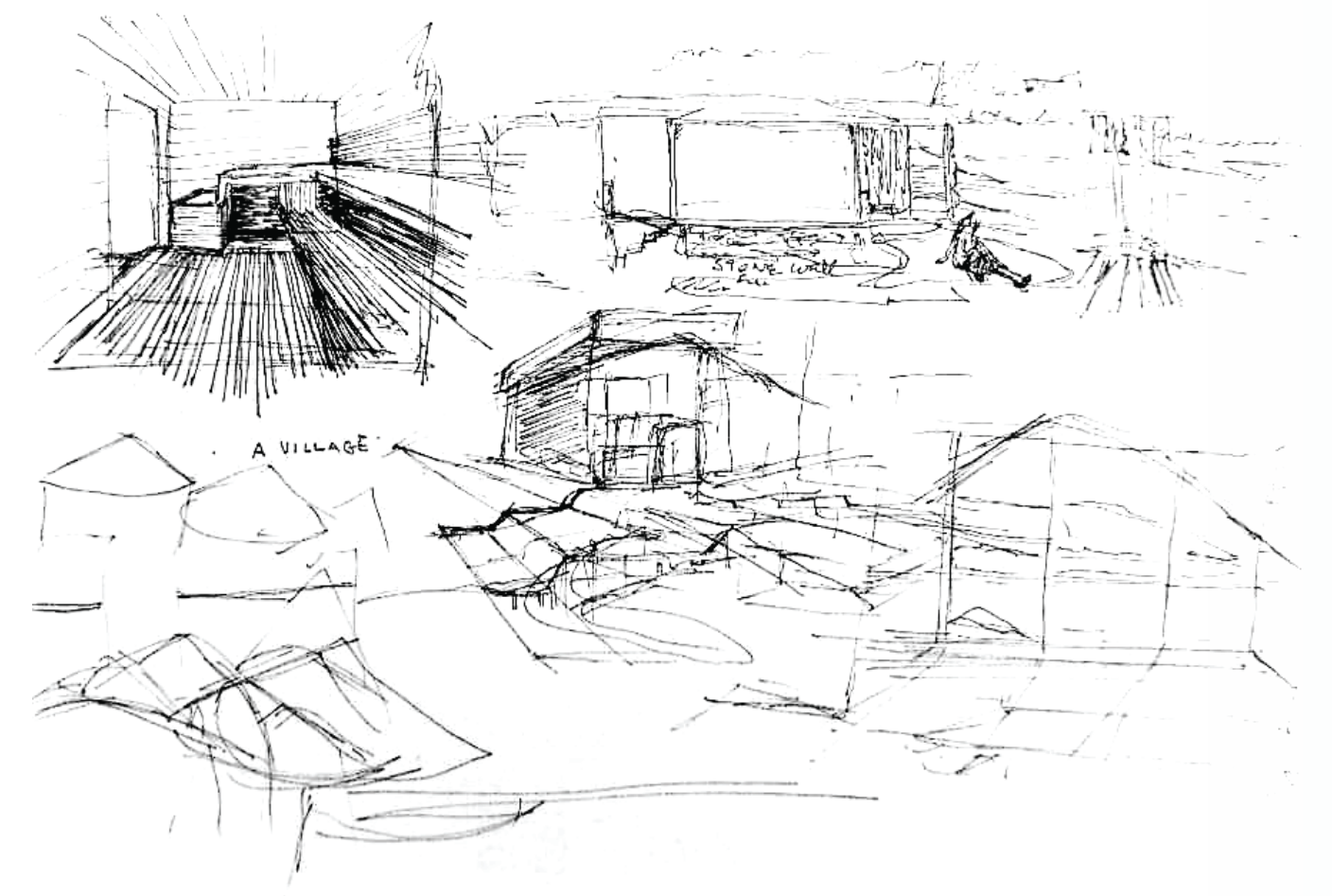
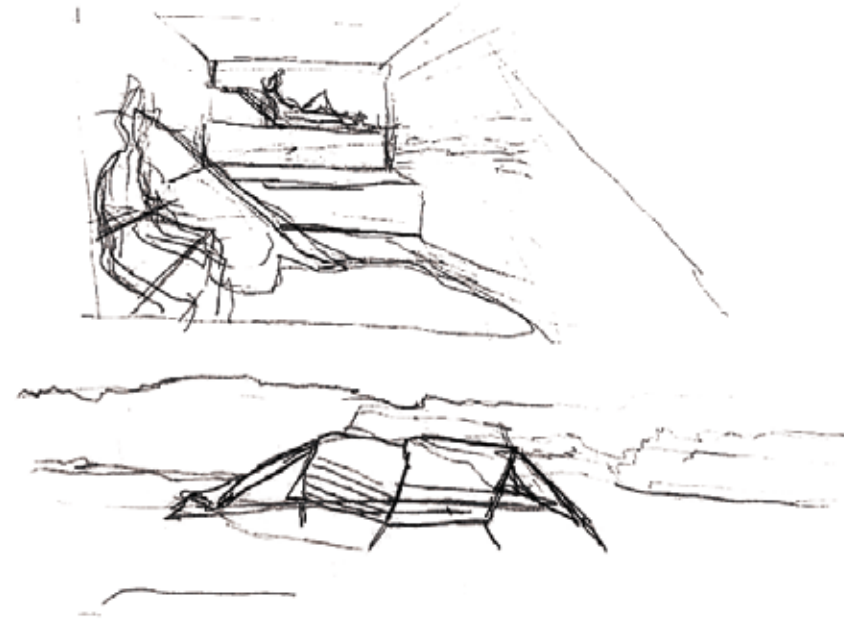
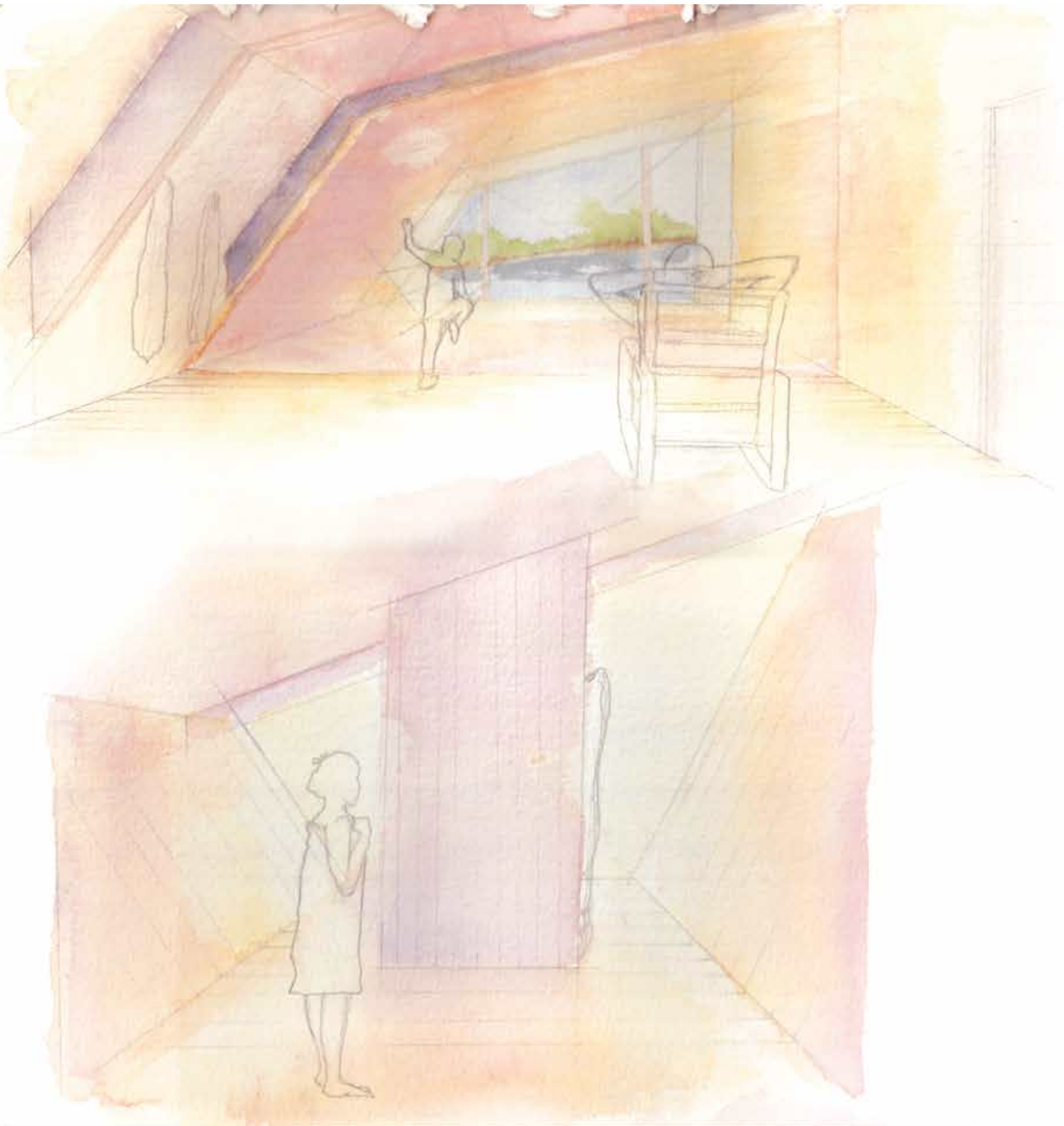
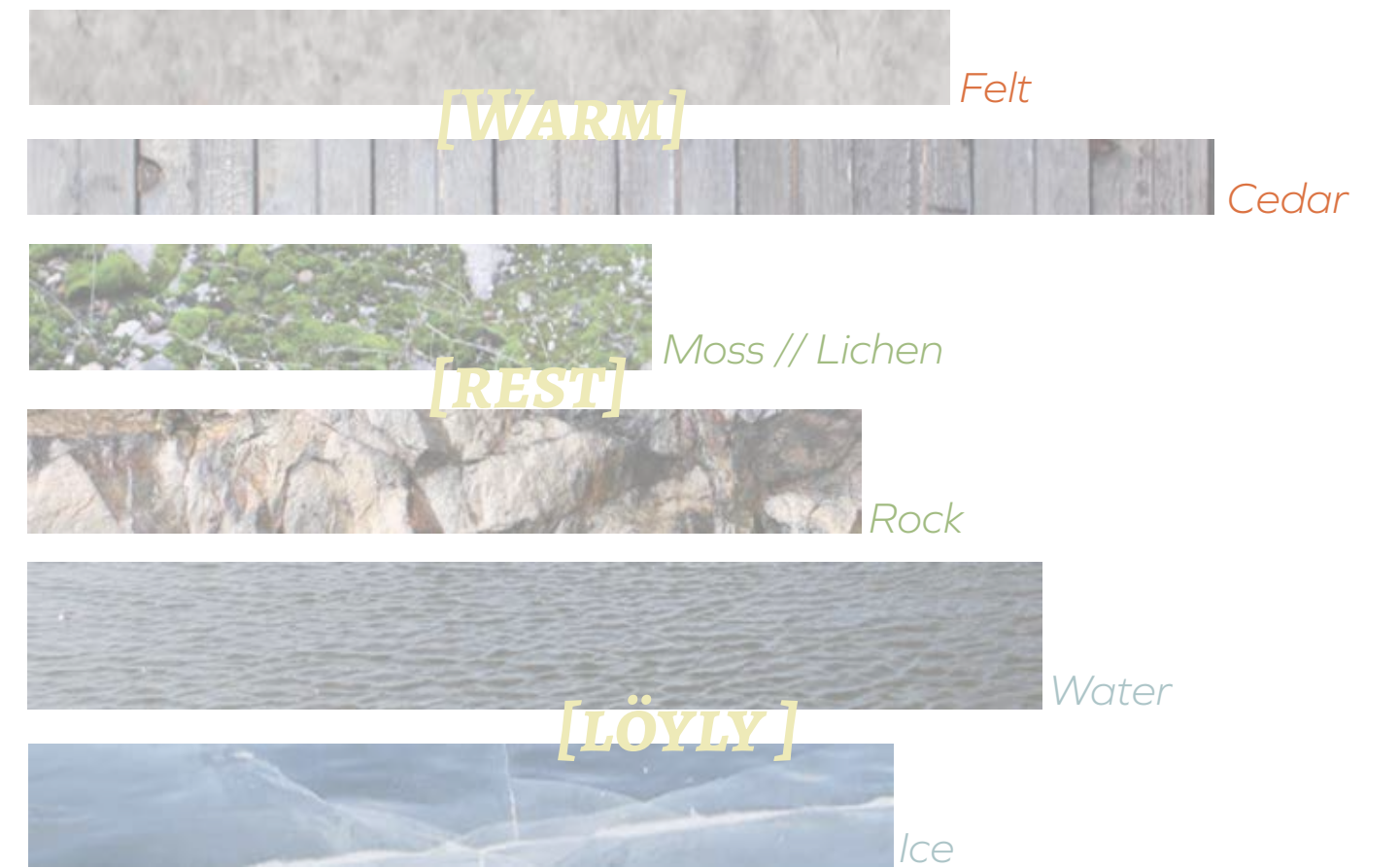


Lento Sauna, OYRE, Helsinki, Finland  
Source: <https://www.archdaily.com/873054/lento-sauna-oyre>



Lago Swimming Pools, Álvaro Siza Vieira, Matosinhos, Portugal  
Source: <https://www.archdaily.com/150272/lago-classico-lago-swimming-pools-alvaro-siza>

## Palette of Materials



Sketches  
Initial sketches on how the sauna program will occupy the landscape.



Sketch Models  
Studying Sudbury vernacular and contemporary camp forms.

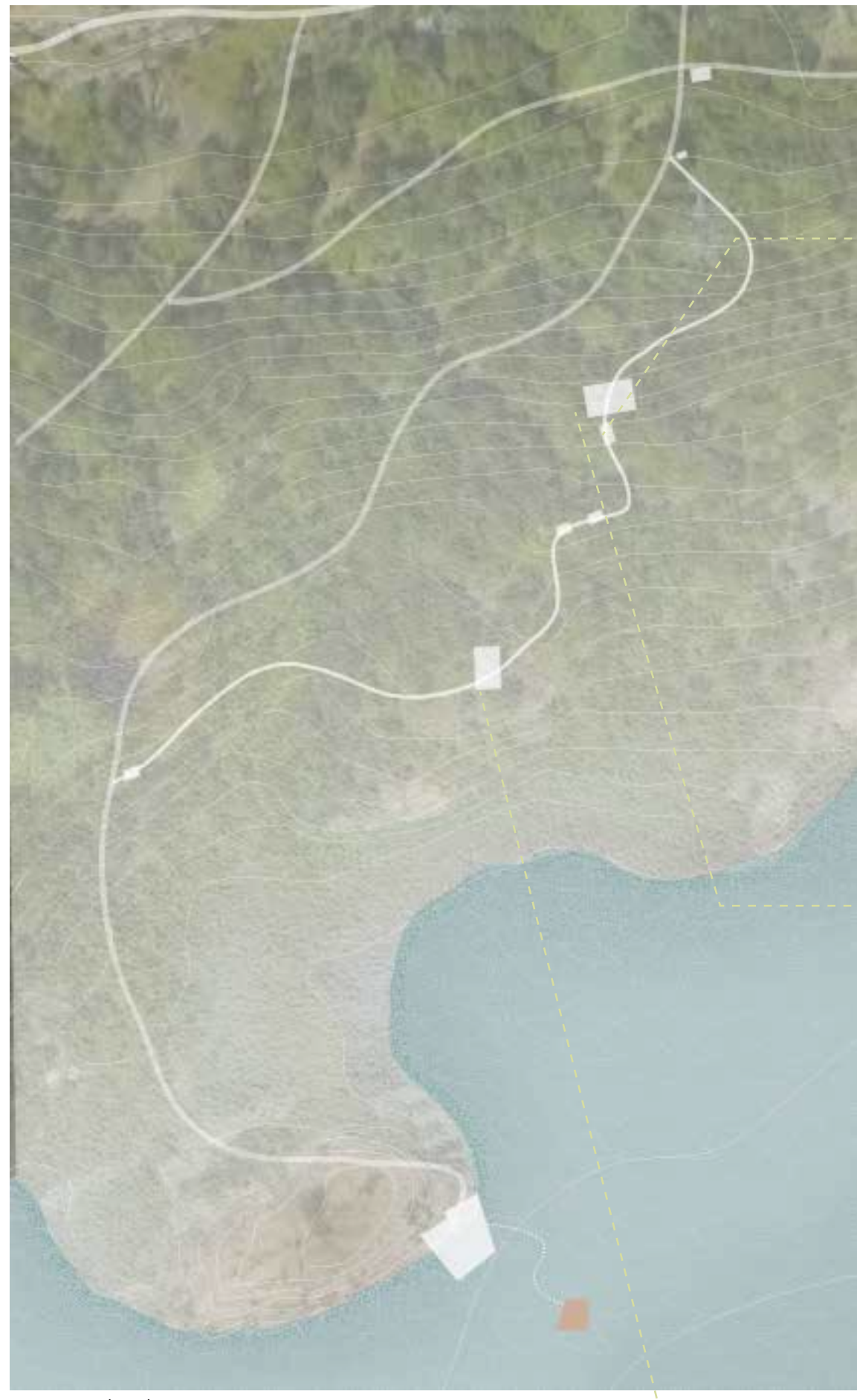


Initial Site Model  
Initial sauna program iteration; program divided into three buildings. Two of three buildings joined, to reduce impact on site. 1:100

Watercolour Vignettes  
Atmospheric intentions and light qualities of sauna program explored through a series of watercolour vignettes



Site Context // Laurentian University Campus



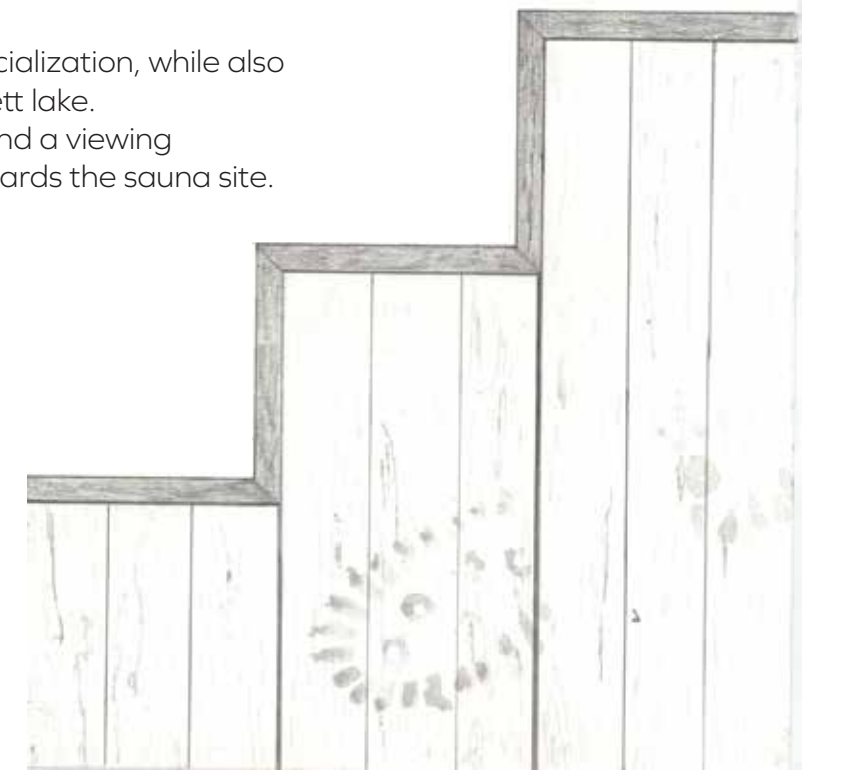
Path Plan  
Bennett Lake with Surrounding Paths  
1:500

### SAUNA PATH: EXPLORE AND REFLECT

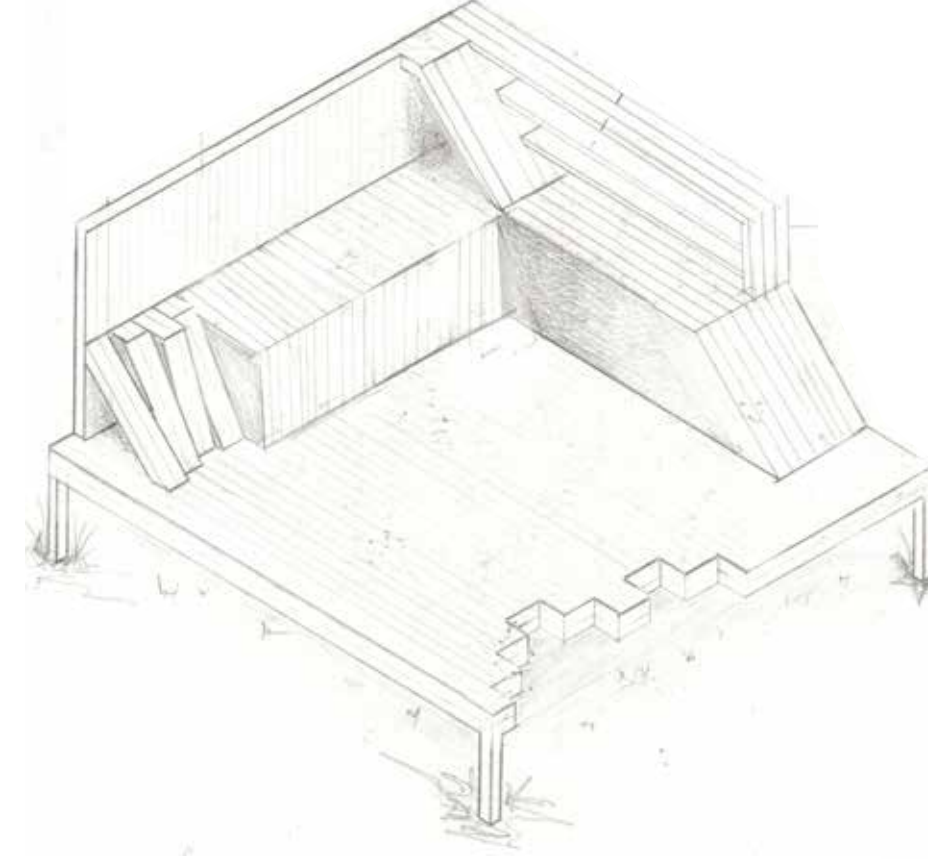
A path designed to encourage exploration, reflection and socialization, while also highlighting the surrounding, re-greened landscape of Bennett lake. Curated hemlock and stacked cedar benches, boardwalks, and a viewing deck can be discovered amongst friends, while venturing towards the sauna site.



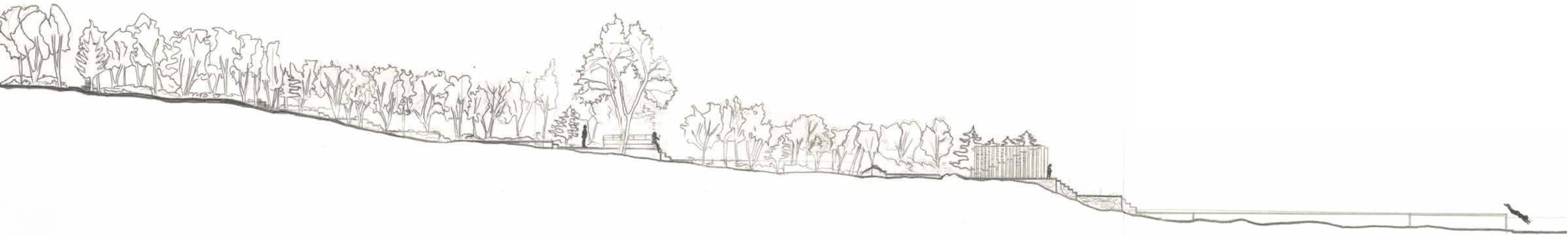
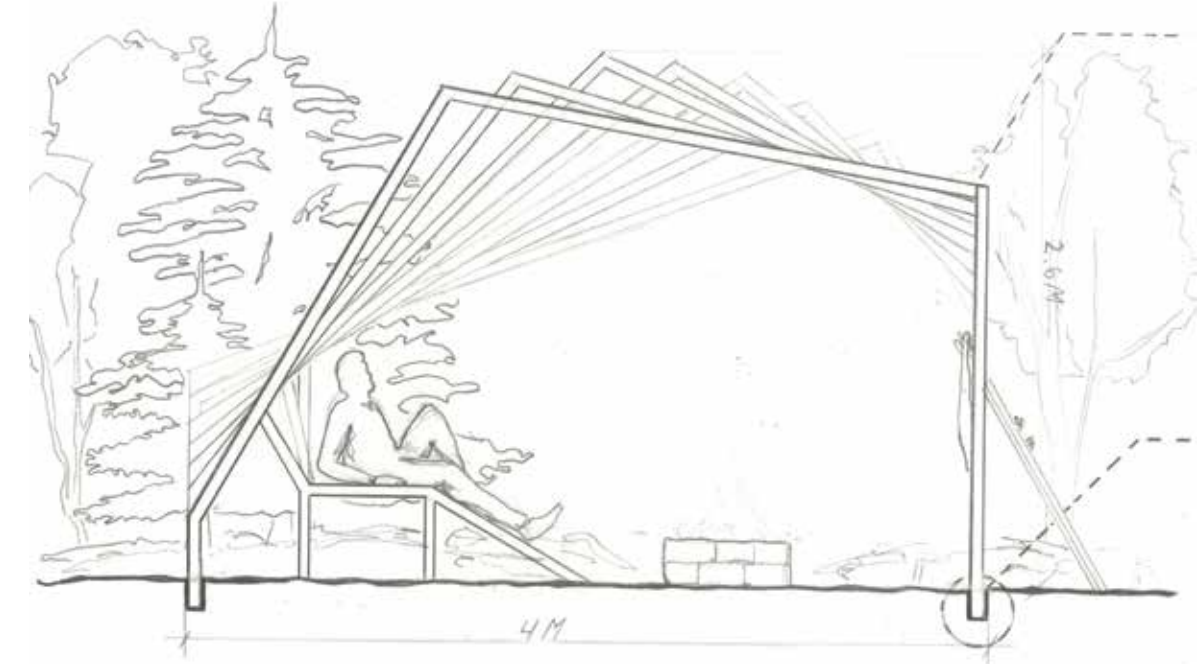
Boardwalk  
Resting lightly on the landscape.



Bench  
A rest area under the large oak tree and found objects shelf for displaying natural objects found on the path.

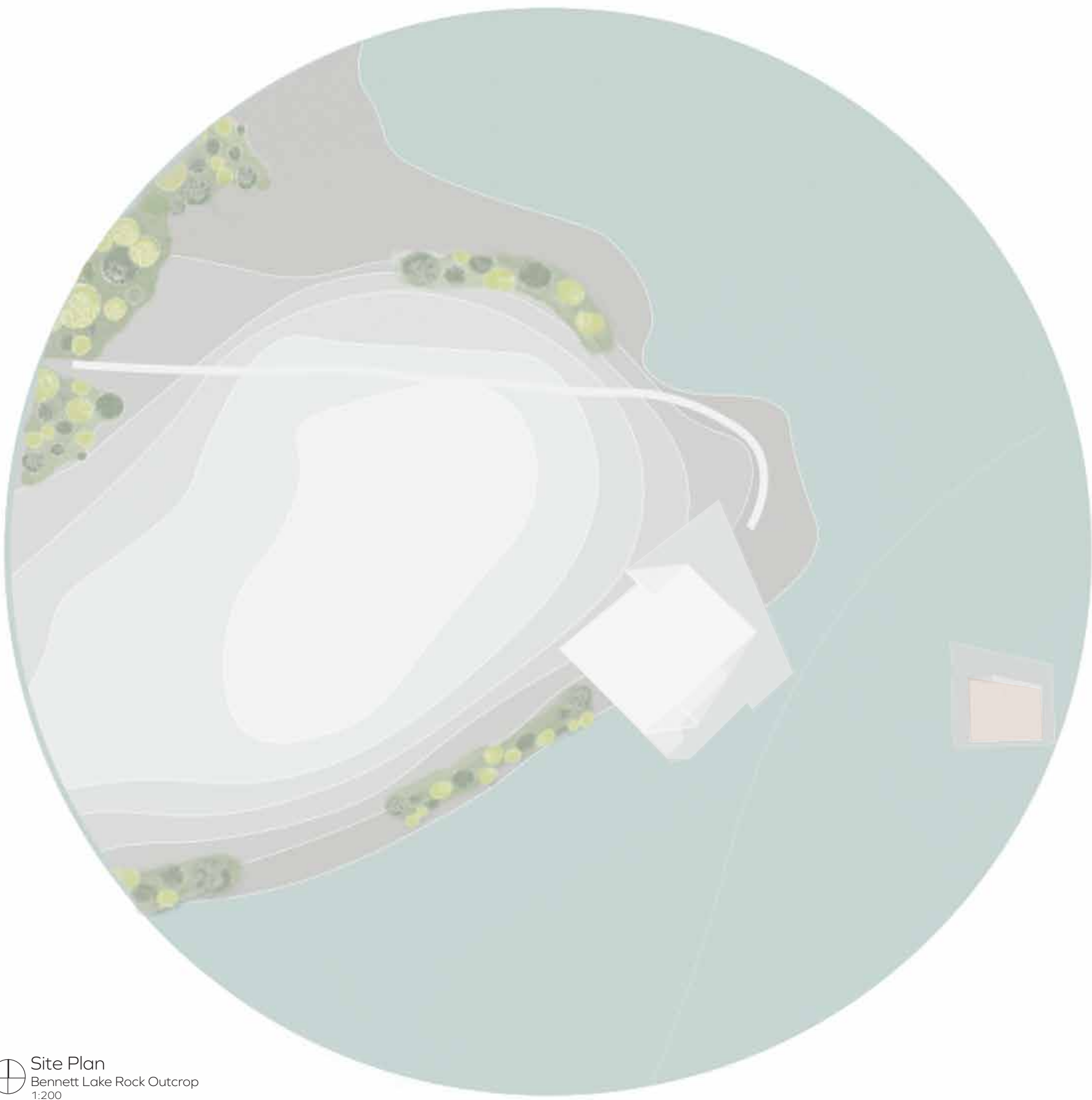


Pavilion  
A viewing platform and rest area for reflection of the surrounding landscape.



### SITE ANALYSIS: BENNETT LAKE

Analysis of the purposed sauna site, the rock outcrop; located on the north shore of Bennett lake, as well as the surrounding landscape



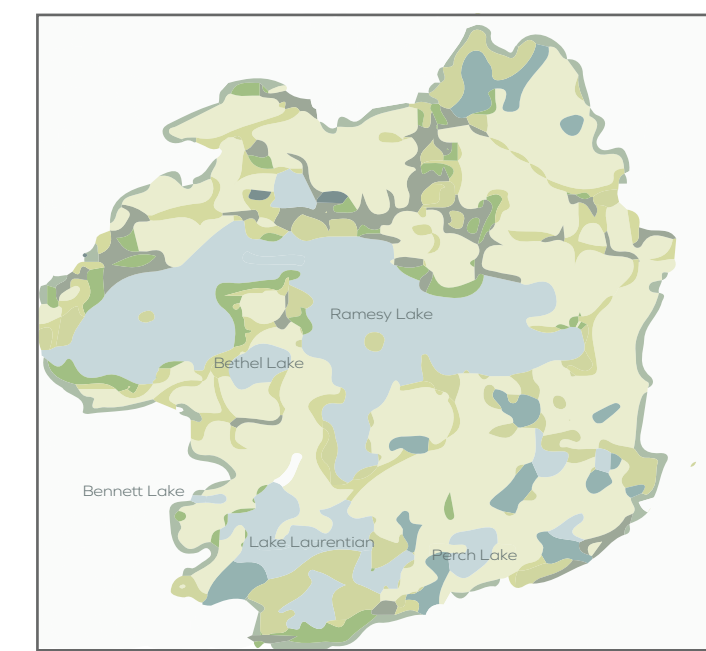
Site Plan  
Bennett Lake Rock Outcrop  
1:200



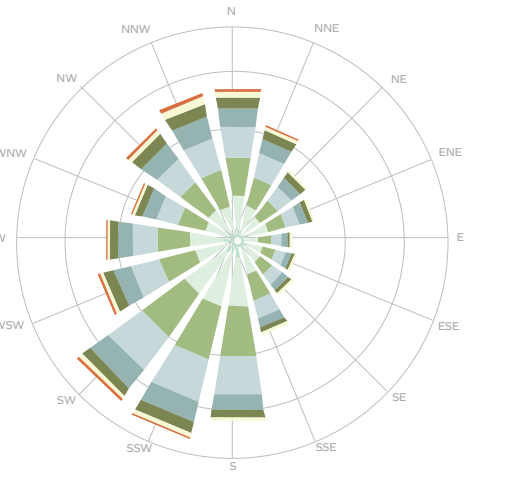
Water  
Water Run-off  
Seasonal Flood Zone

Vegetation  
Upland - Deciduous: Birch, maple, beech, poplar, oak  
Upland - Coniferous: Pine, cedar, spruce, tamarak, hemlock  
Riparian & Shoreline: the corridor between land and water

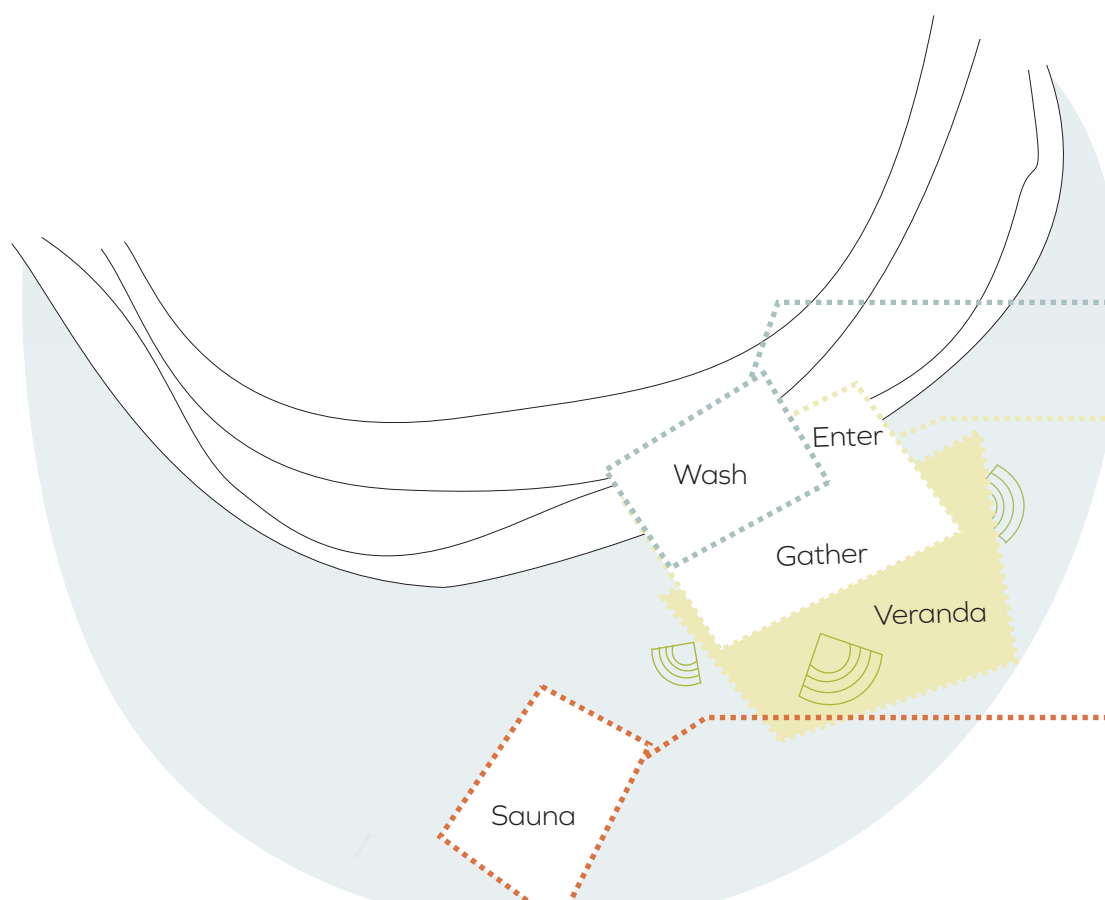
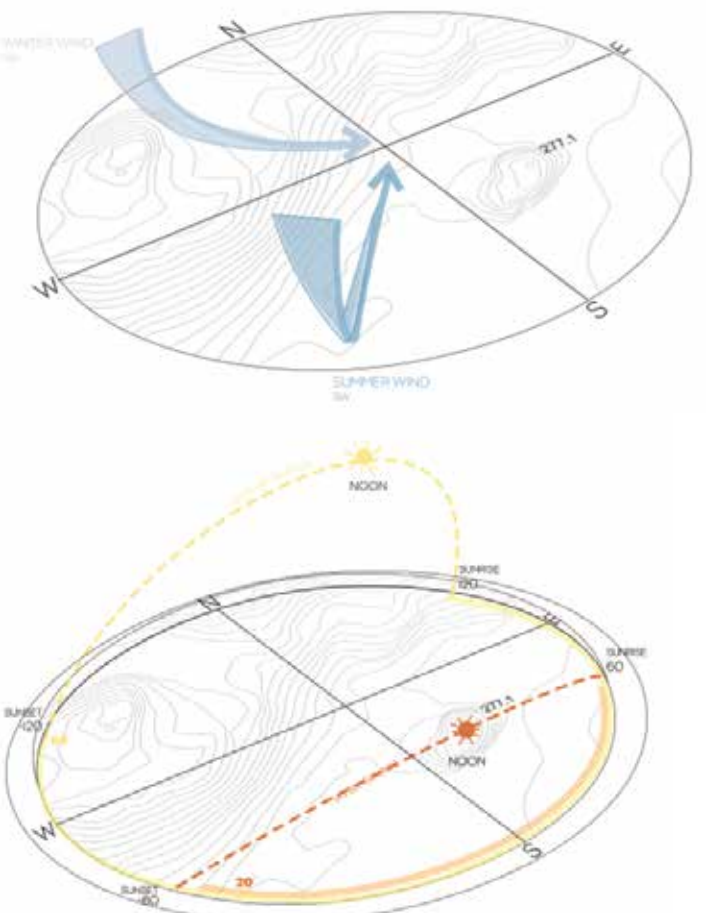
Trails  
Sauna Trail  
Main Trail  
Snow Shoe Trail  
Gully Loop  
Bennett Lake Ski Trail  
Trail Nodes



Ramesy Lake Watershed

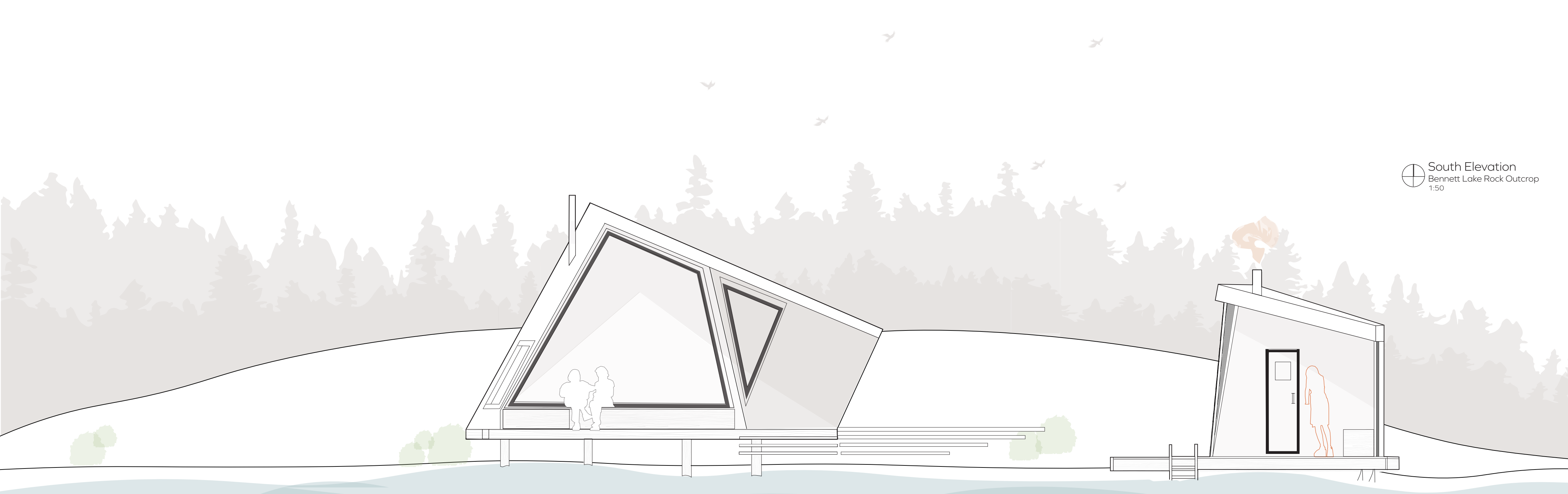
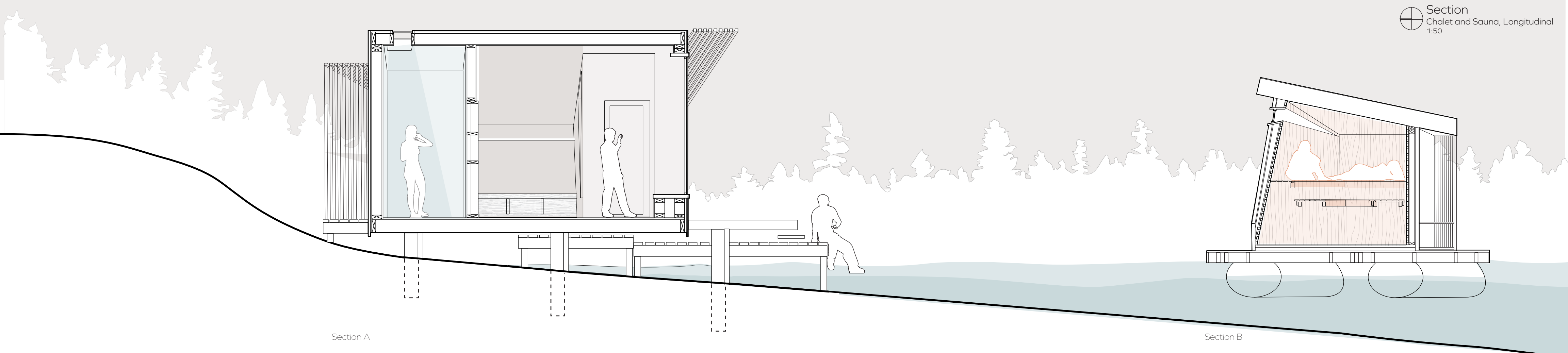
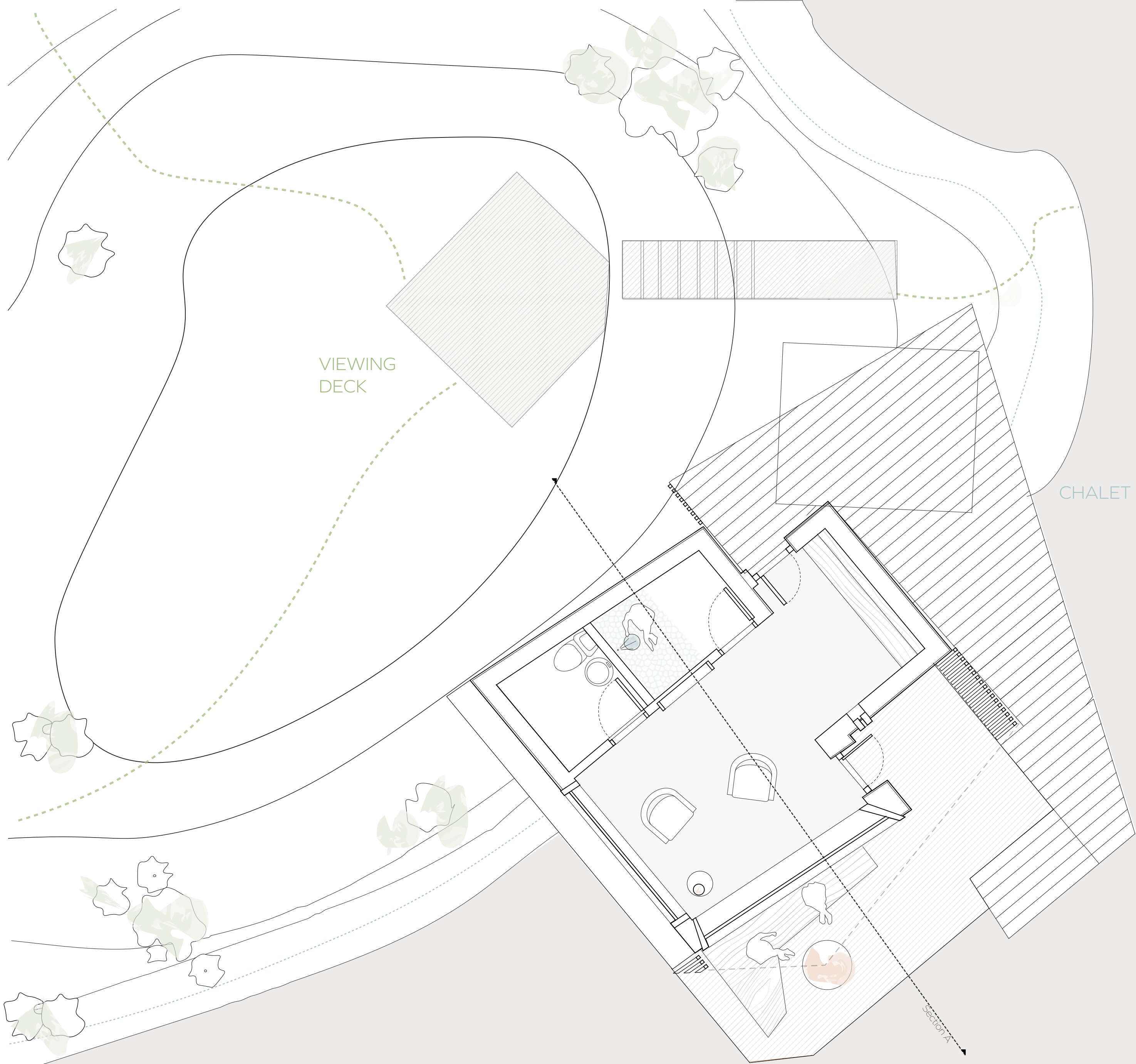


Sudbury Wind Rose



Schematic Diagram  
Program layout in relation to site specifications

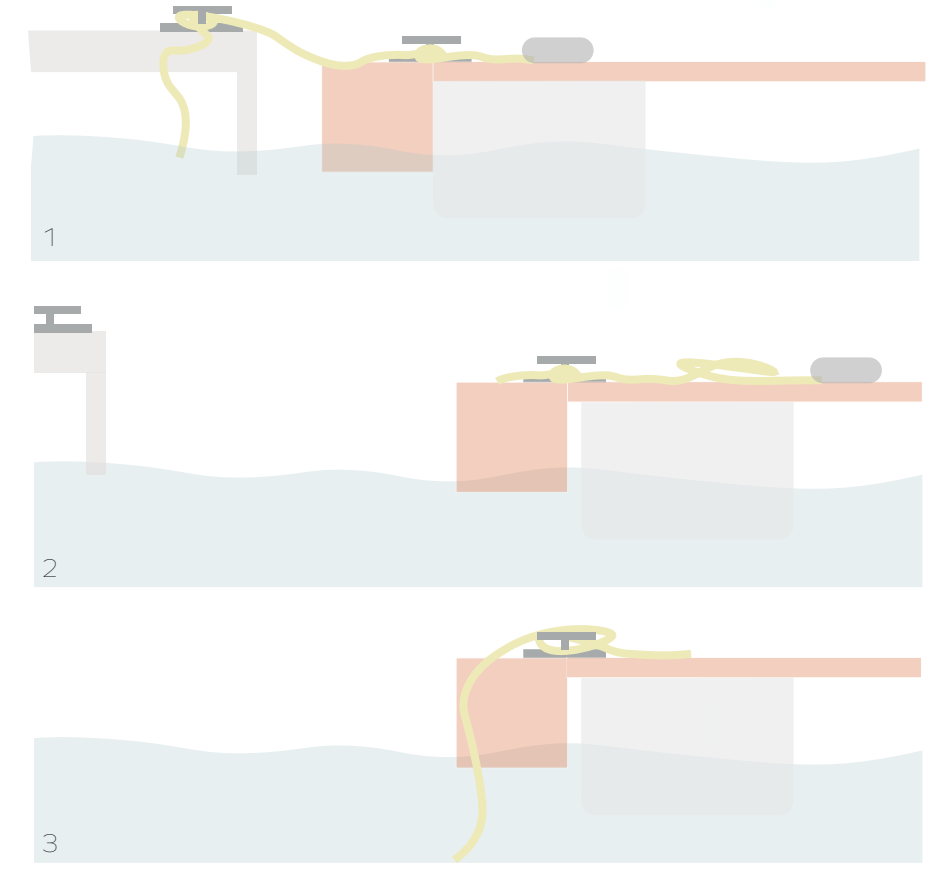
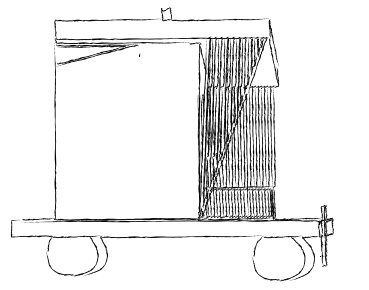
Screened entrance, protects from prevailing winds; cold rooms at north side of building; warm rooms at south side building.  
Oriented 10° south east for solar gain; southern roof overhang to protect from over heating; overall compact form; and, expansive south facing views. (Figure 13)  
Limited openings on windward side.



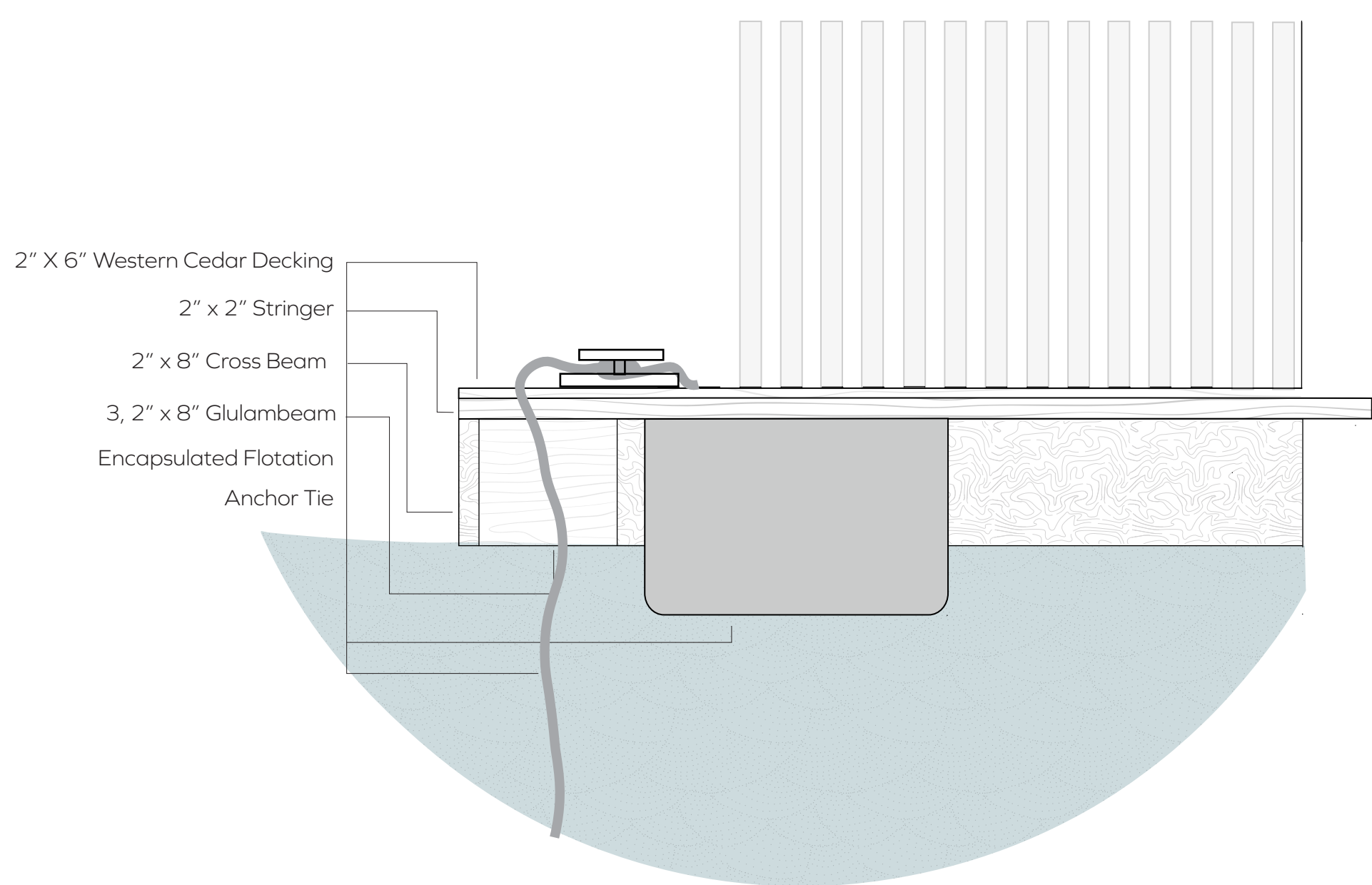


Winter Plunge  
South facing view of the Sauna on frozen, Bennett Lake and Chalet at rock outcrop

SAUNA: floating TOGETHER



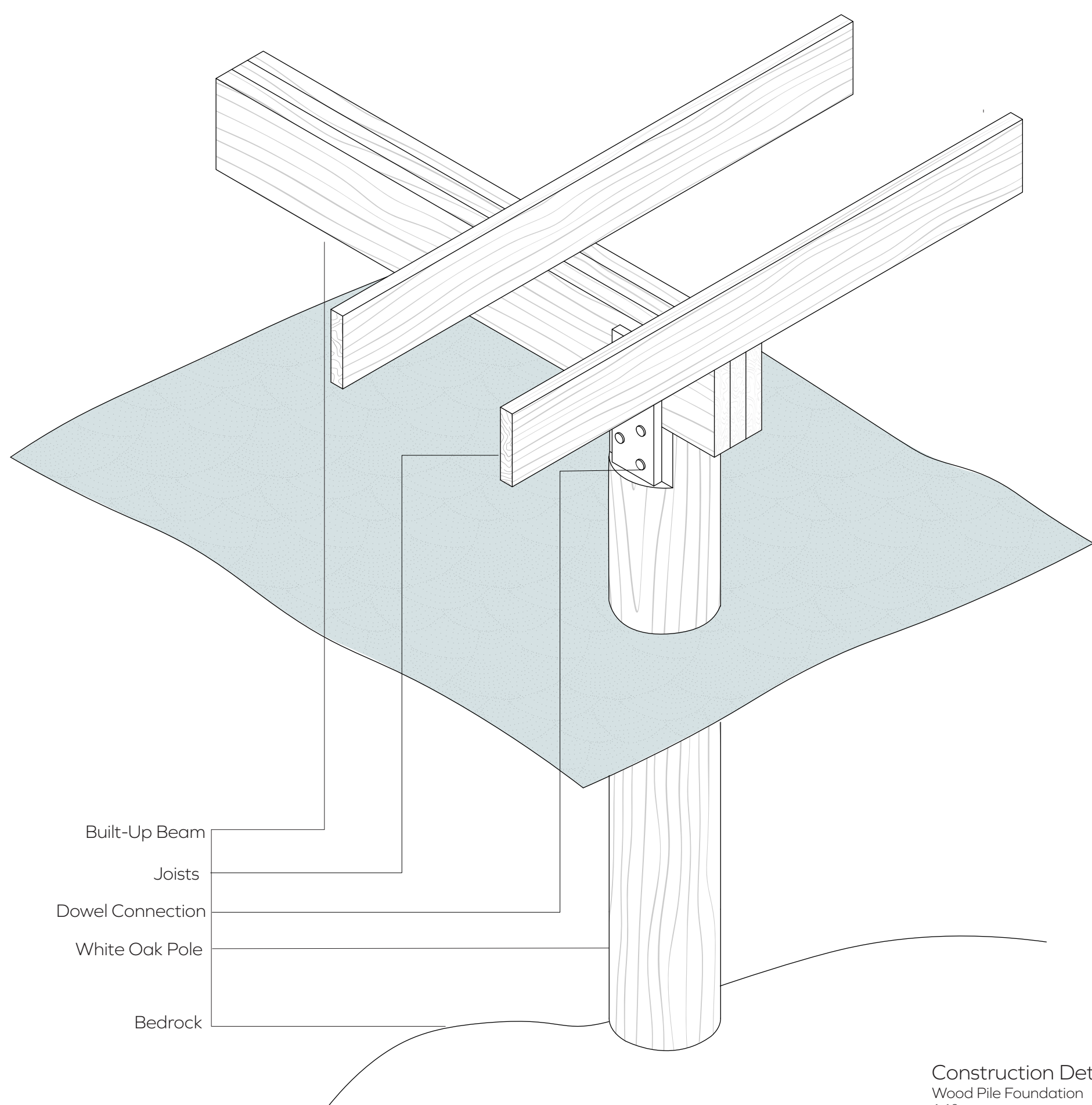
Tethering Diagram  
Floating dock detachment from chalet dock  
Users can loosen slack at dock to float into the lake or completely Detach from chalet and paddle back to shore after the sauna.  
1:50



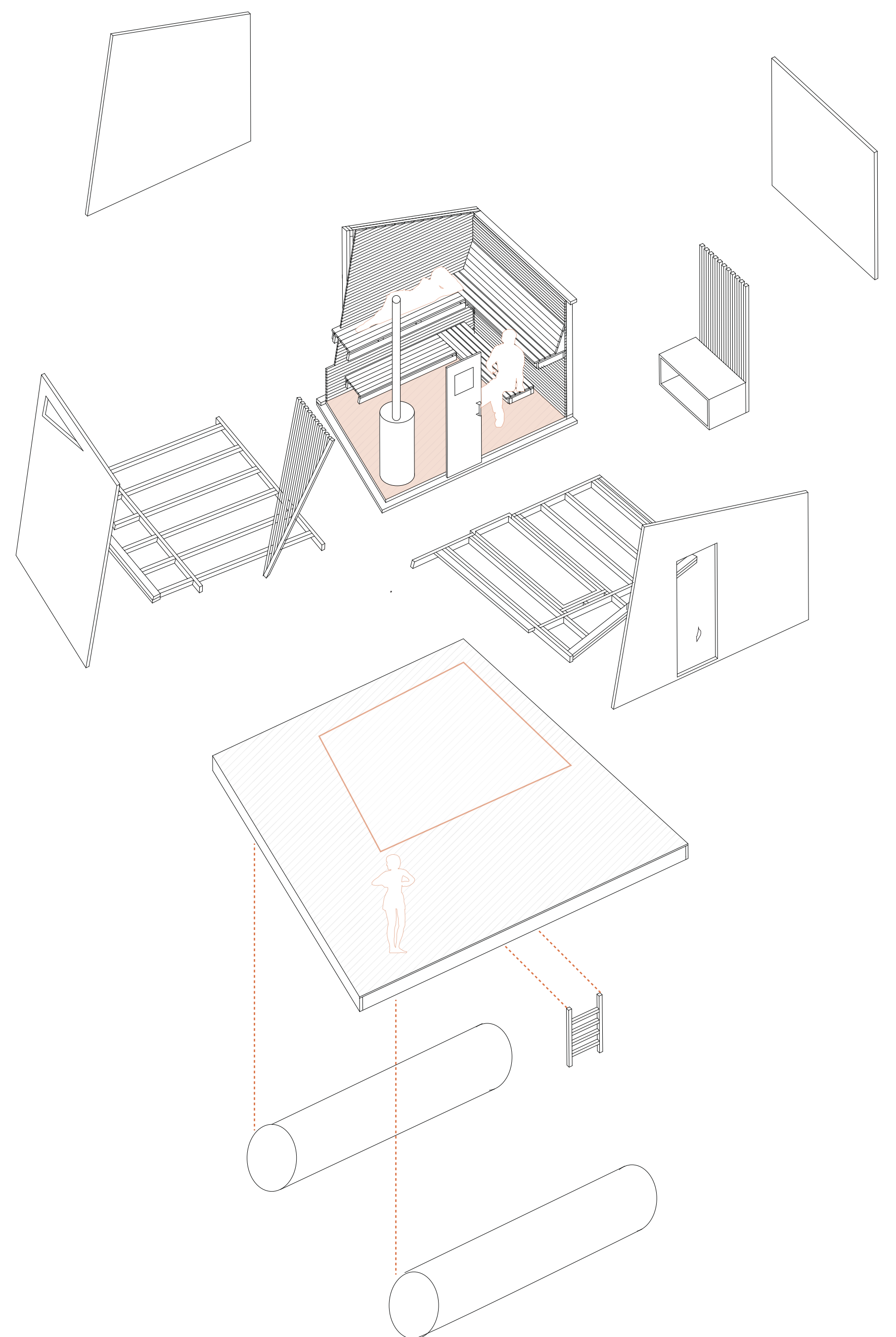
Construction Detail  
Floating Dock  
1:10



Waiting for the Sauna  
Views of Bennett lake from the chalet interior



Construction Detail  
Wood Pile Foundation  
1:10



Exploded Isometric  
Floating Sauna Assembly  
1:50

## PASSIVE DESIGN STRATEGIES AND INTEGRATION

An overview of several passive design strategies was conducted and integrated to the sauna design to not only reduce the energy requirements of the building but also provide comfortable spaces for occupancy.

