

Canoeity

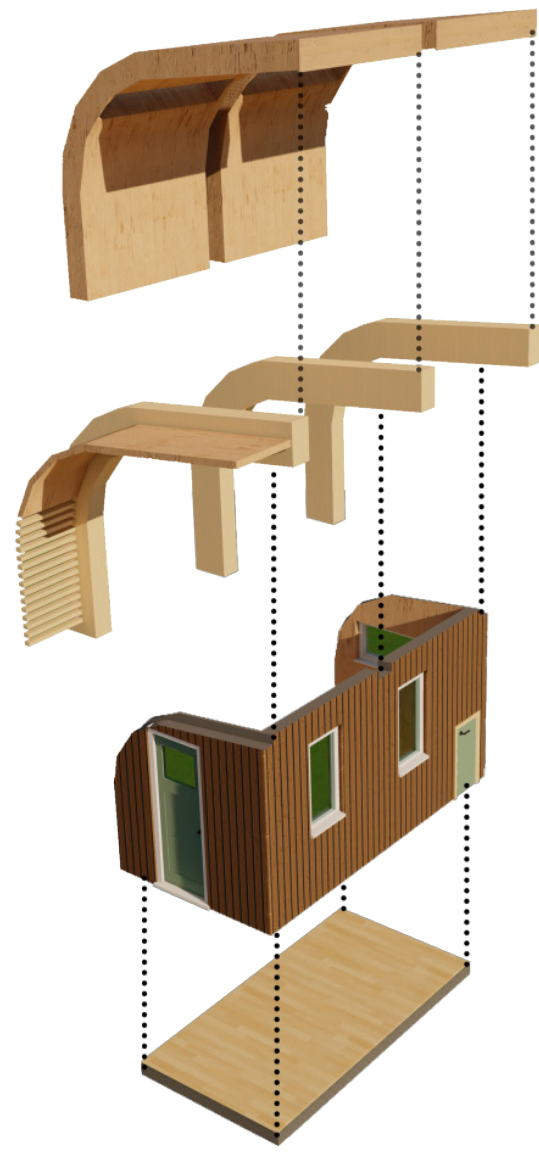
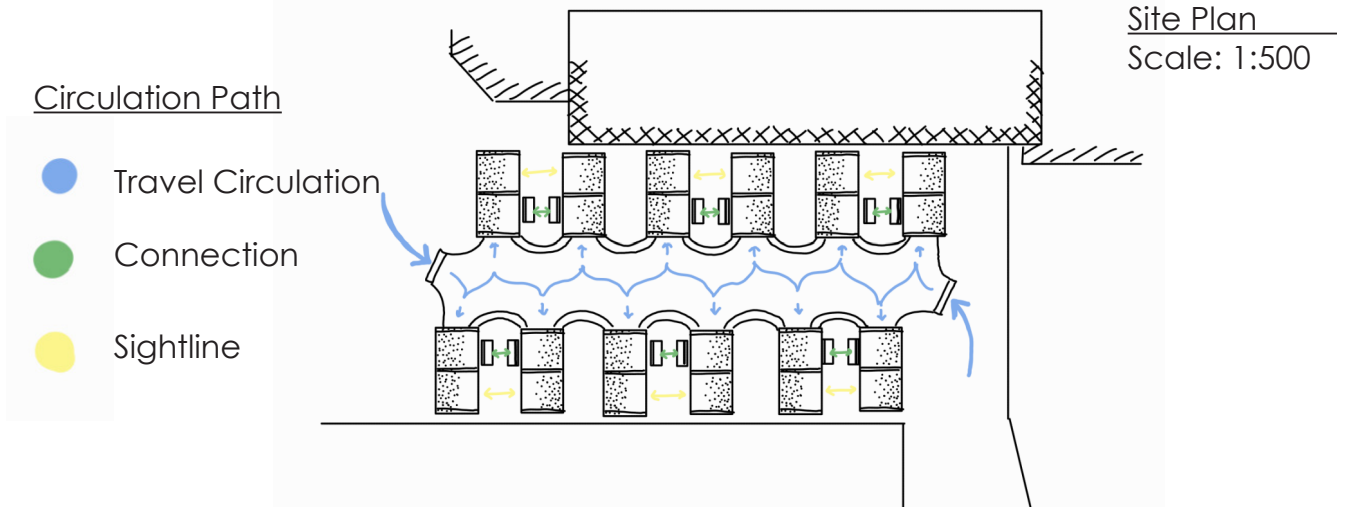


The goal of CANOEITY is to foster relationships with both the community and nature in a way that inspires individual and communal growth for people to regain agency in their lives.



The form takes inspiration from a canoe as a rejection of typical rectilinear construction. The organic form takes advantage of its surroundings as it shelters and collects from rain and sun. The rainwater supplies the community's shared garden that encourage a sense of purpose and responsibility within themselves and their environment.





Constructability

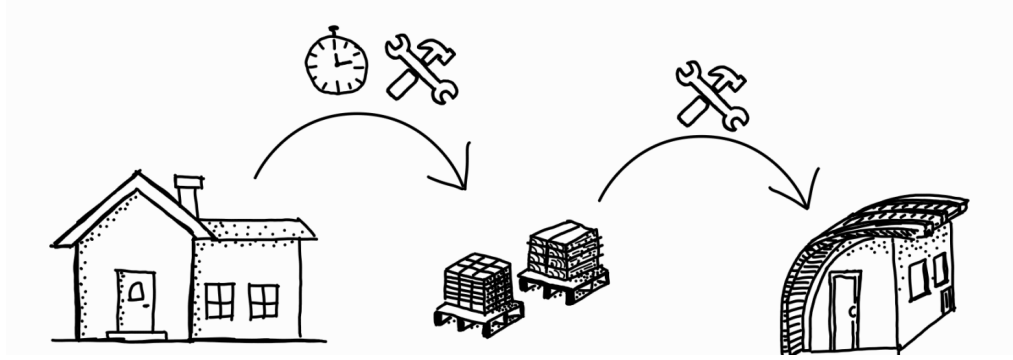
The Pod features 3 curved glulam members, milled from salvaged lumber. Slotted between them is a natural finish planed ship-lap wall. The other walls feature reclaimed wood siding that has been preserved through the use of yakisugi.

natural pod™



unbuilders

Canoeity achieves its sustainability goals (both social and environmental) by using wood salvaged from deconstruction projects. Reclaimed wood contains nearly 12 times less embodied carbon than new lumber and every tonne of salvaged lumber saves roughly 5 tonnes of CO2. As well, Deconstruction creates 6 jobs for every 1 demolition job.



Materials



Heritage Lumber
Planed Shiplap



Heritage Lumber
Resawn Douglas Fir boards lightly torched



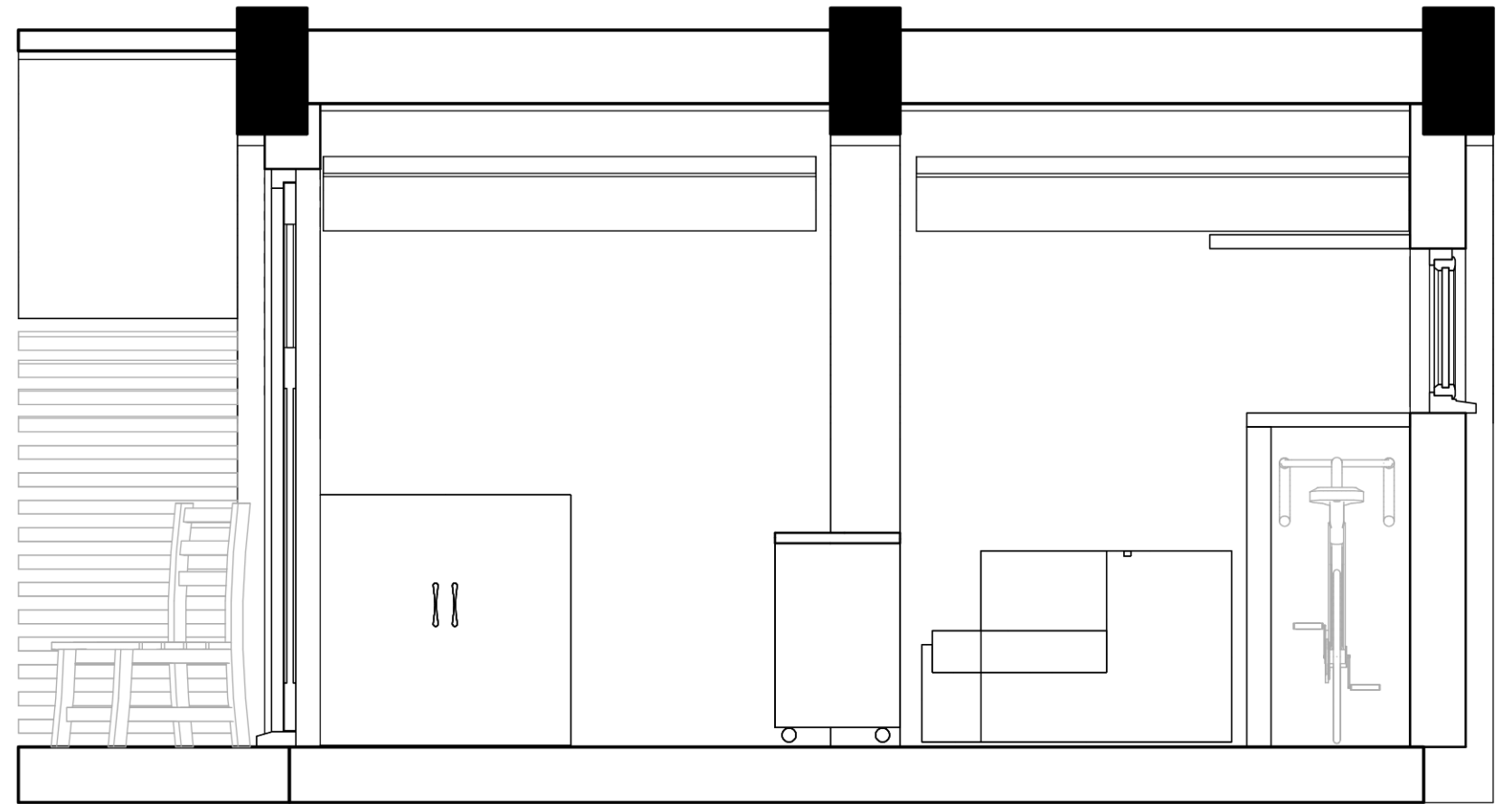
Custom Curved Glulam Columns



Recycled wine bottles as light fixtures



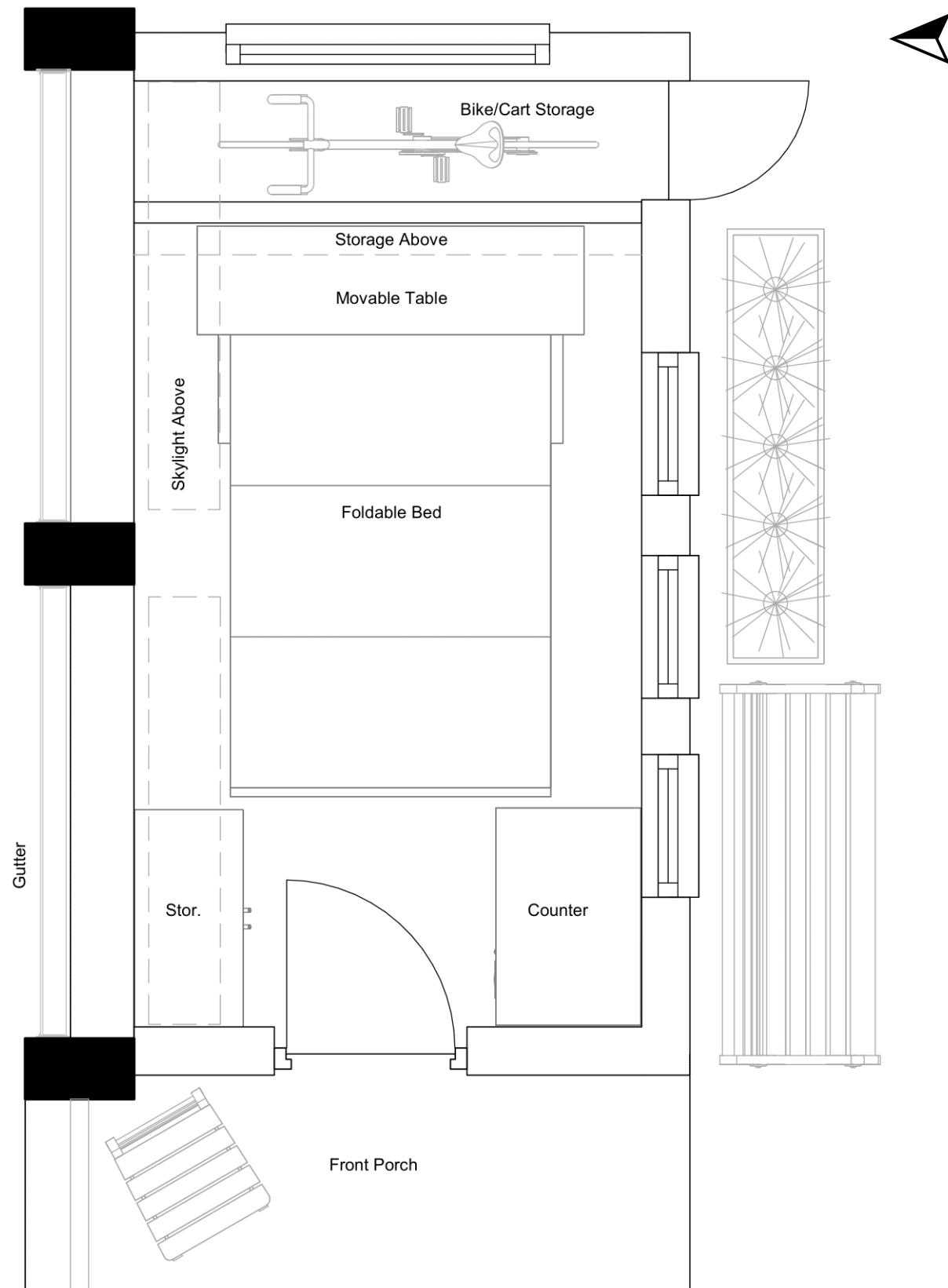
Rain Shedding Diagram



Longitudinal Section
Scale: 1:25

Pods are oriented in pairs, distanced by the width of one parking stall. The sloping roof of the pod sheds water into a rain garden below. The opposite side provides gathering space between neighbours as well as a raised planter bed for residents to garden in.





Floor Plan
Scale: 1:25

The interior of the pod features an extendable bed that retracts to provide seating and work space for its resident. There is storage on the walls with enough room for a small fridge to store perishables and a countertop microwave. An additional space accessible from the exterior provides long-term storage for one's bicycle or shopping cart.



Perspective: Bed Configuration



Perspective: Couch and Table Configuration