CABIN
FEVER

Suspend disbelief for a second, and consider what might transpire if Crispin Barker invited 19th century author/philosopher Henry David Thoreau and 20th century, IKEA founder Ingvar Kamprad to stay the weekend @ the Ponderosa Lake Encampment.

Such a guest mash up would surely yield interesting conversations on topics as mousetraps, fashion, and how many chairs society really needs.

But where would they choose to hang their respective hats? Read a book? Sleep? Think deep thoughts about simplification?

Crispin's RV….."Bloody Hell No"

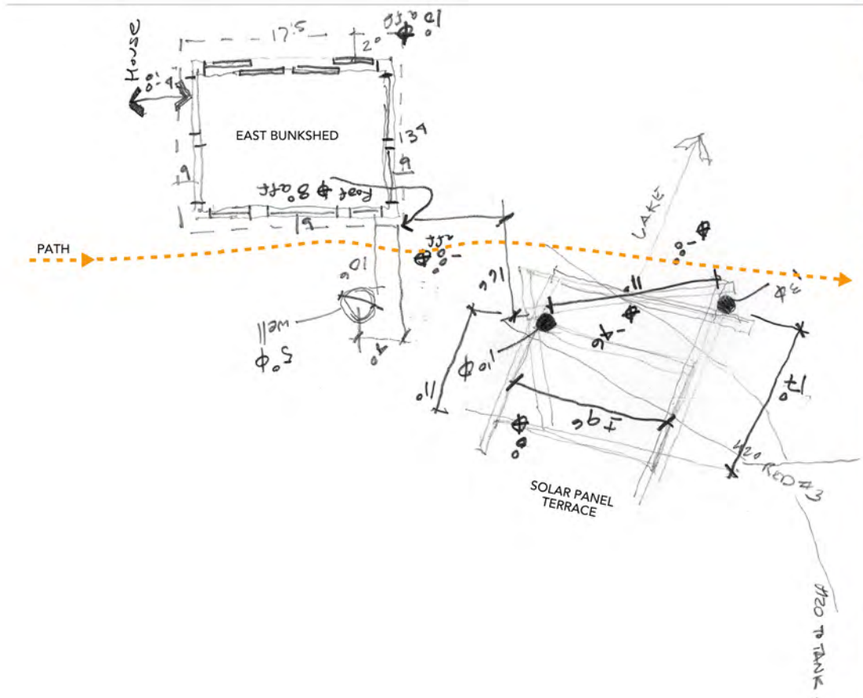
The newly renovated toolshed-bunkhouse… "Too much snoring"

Couch on the deck… "No way, its vinyl"

We propose that Henry David and Ingvar might both wish to lay claim to a cabin that encourages one to **L**essen **I**mpact and **T**read **E**thically, a.k.a. the *L.I.T.E HAUS*.

It seems that Back-to-the-Landers once inhabited this site. Iterative house additions, rock bathing vessels, and sheds lashed to supporting trees by way of clothesline abound. Most structures appear to be site-wrought, emerging from or heavily balancing upon the steep slope, oriented towards the lake below. The Encampment makes claim to the site as a collection of natural and man-made parts and pieces that twist together as a permanent ingenuous mountain outpost. Log staircases, wormwood siding, truck tires, 12 volt dome lights, surplus windows, tarps, straps and belt buckles have been gathered to create a seemingly simple, thrifty, communal place, staking a claim to the land and lake beyond.

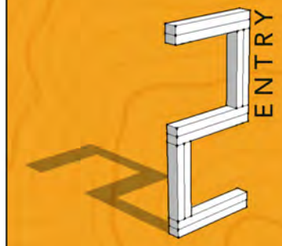
CONSTRUCTION PRECEDENT

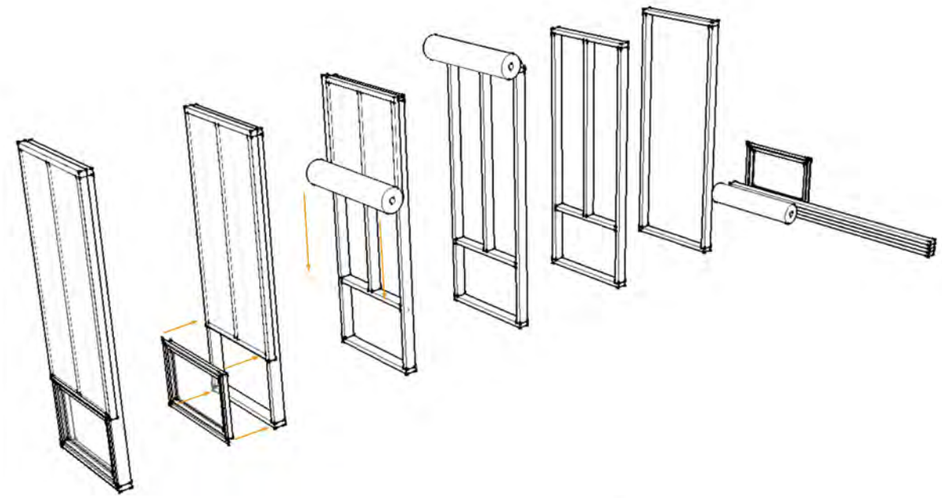


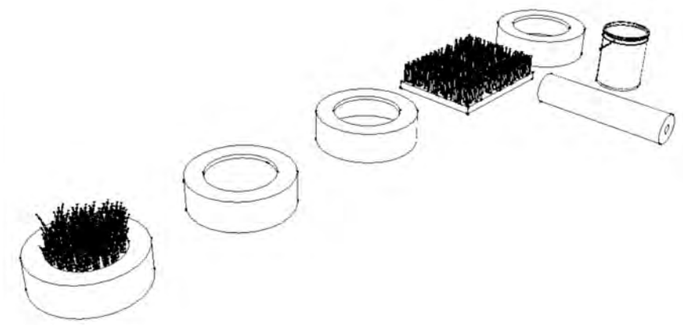
## PROPOSED SITE

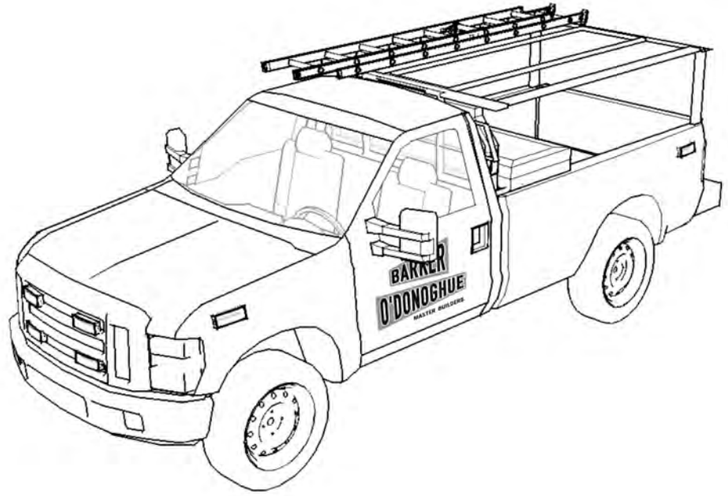
How to add to this Encampment? We propose the L.I.T.E. HAUS that conveys the ideals of simplicity, thrift, and settlement, with a light, unobtrusive, and easily demountable footprint.

We have chosen a specific site, but any location with two stout trees perpendicular to a steep slope will do. Ours is within 16 feet of the eastern-most Bunk Shed, along an established footpath and the main water supply lines. Entry is via the Solar Panel Terrace grade level. Once inside, large glazed doors provide access to northeastern views to the upstream lake through the intermediate forest canopy. This orientation and the L.I.T.E. HAUS's elevation above the downslope provide individual space and respite while maintaining proximity to the greater Encampment and its community.







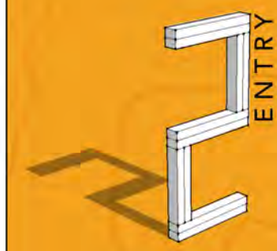


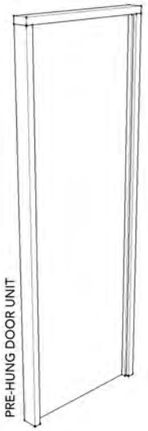

The primary components of the L.I.T.E. HAUS are pre-assembled shop-fabricated wood framed wall and roof assemblies, oil cloth canvas cladding, salvaged door and window units, repurposed tire foundations and roof ballasts, gravel, hammock shear straps, miscellaneous hardware and fasteners. All materials are readily available commercially or via salvage and can be easily transported to the site by Barker O'Donoghue vehicles.

The building materials are erected on site in a manner that defers to existing conditions (as possible), buffers the trees from damage, and avoids poison oak.

The next three pages include instructions for the assembly of the L.I.T.E. HAUS.

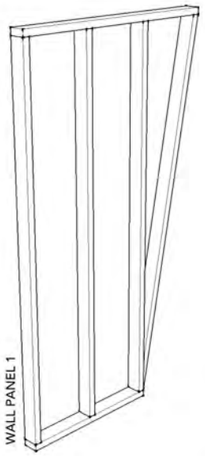






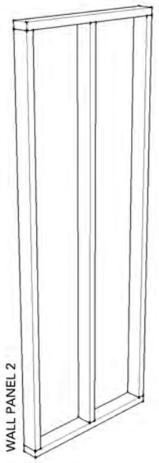
PRE-HUNG DOOR UNIT

1x



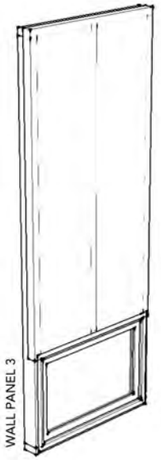
WALL PANEL 1

1x



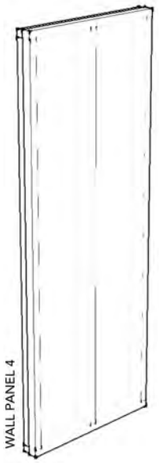
WALL PANEL 2

1x



WALL PANEL 3

3x



WALL PANEL 4

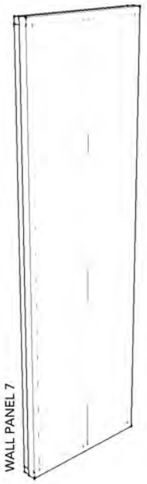
6x

WALL PANEL 5

1x

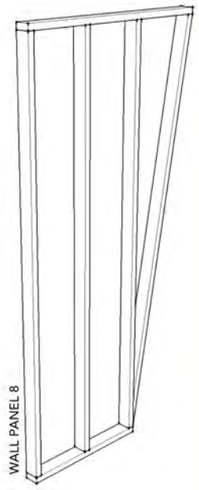
WALL PANEL 6

2x



WALL PANEL 7

1x



WALL PANEL 8

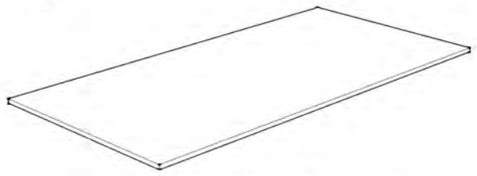
1x

INSTRUCTIONS PAGE 1 of 3

1x

PRE-HUNG SLIDER DOOR UNIT

5x



RIGID INSULATION

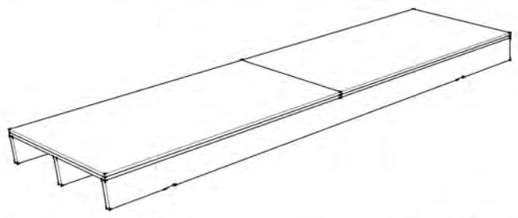
6x

3/4" PLYWOOD SHEET

24x

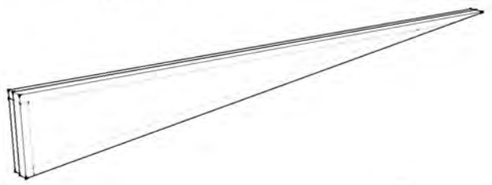
WOOD PLANKS

4x



ROOF PANEL

2x

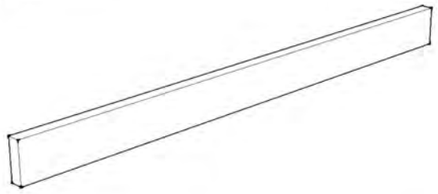


SHED ROOF END PANEL

22x

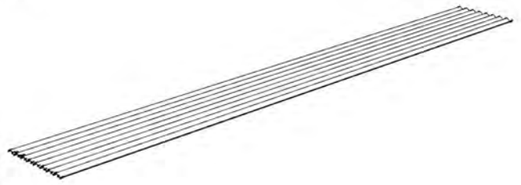
2 x 4

6x



4 x 12

8x



CORRUGATED ROOF PANEL

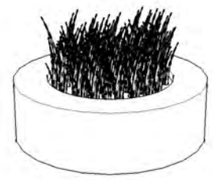
12x

FOUNDATION TIRE (GROUND)

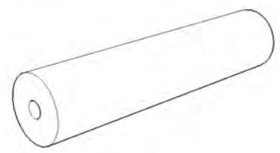
16x

FOUNDATION TIRE (TREE)

45x

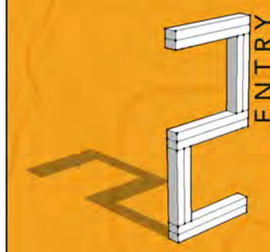


GREEN ROOF TIRE

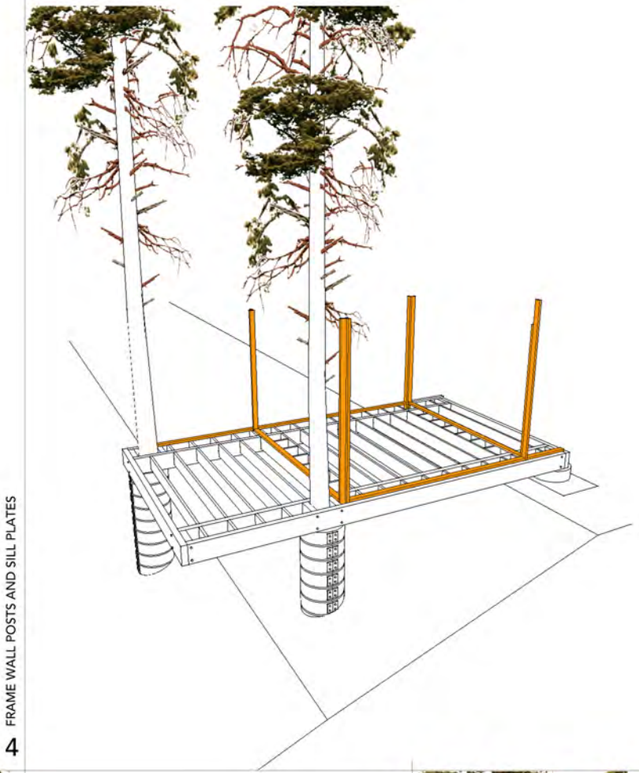


CANVAS OIL CLOTH

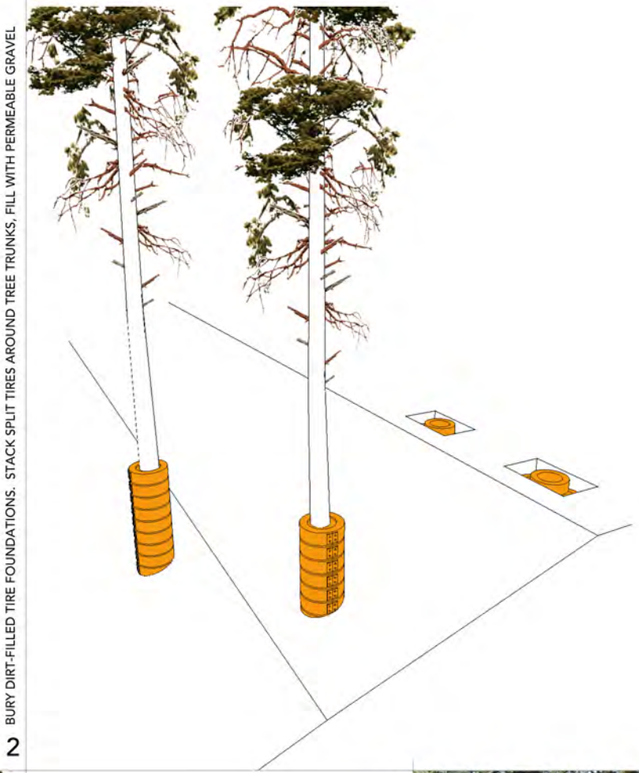
HAMMOCK STRAPS



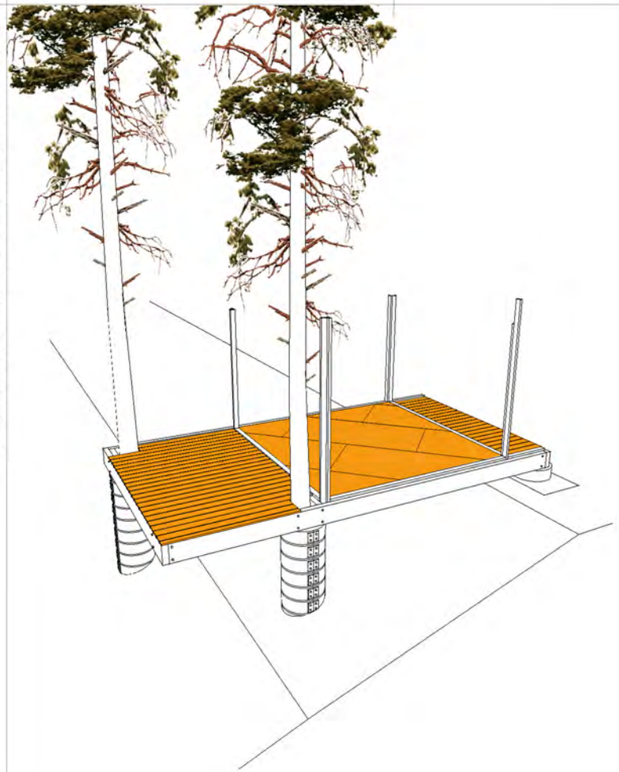
4 FRAME WALL POSTS AND SILL PLATES



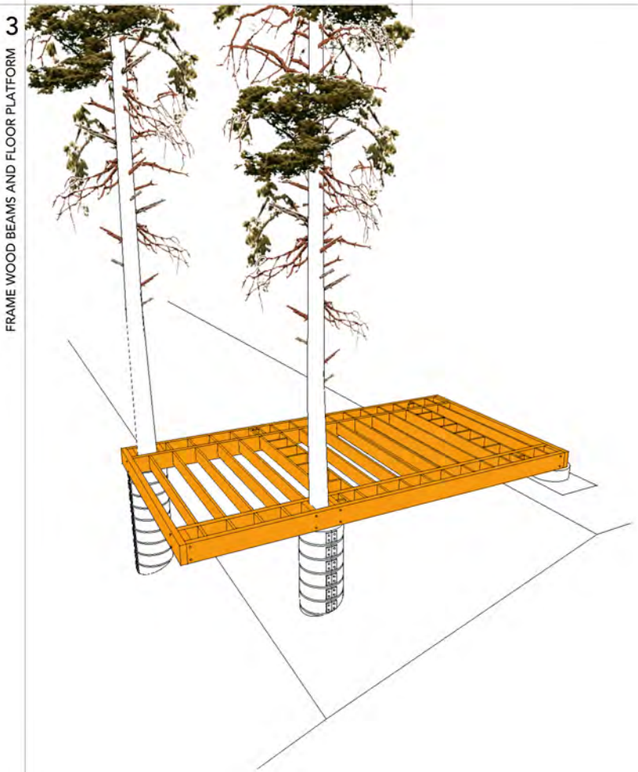
2 BURY DIRT-FILLED TIRE FOUNDATIONS. STACK SPLIT TIRES AROUND TREE TRUNKS, FILL WITH PERMEABLE GRAVEL



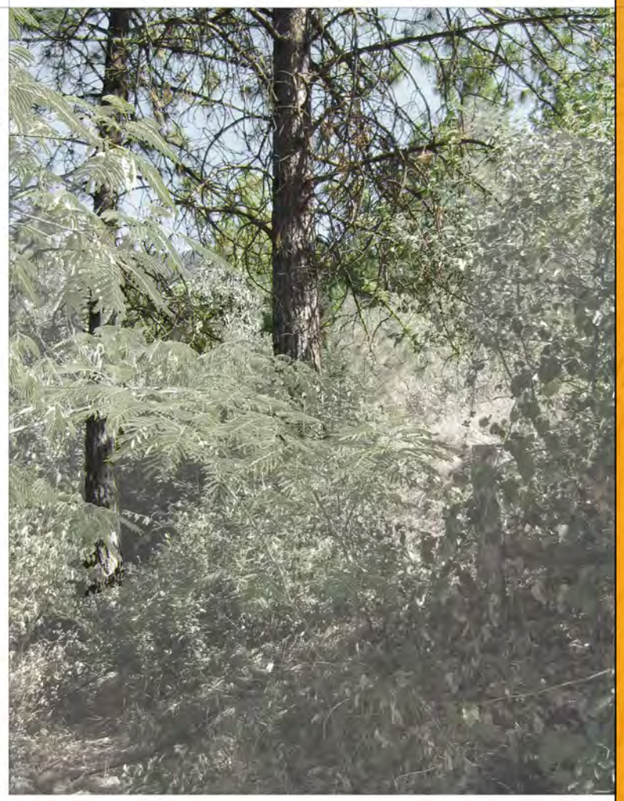
5 INSTALL FLOOR COVERING, WOOD PLANKS AND PLYWOOD SHEETS



3 FRAME WOOD BEAMS AND FLOOR PLATFORM



1 LOCATE SITE



ENTRY

10 COMPLETED L.I.T.E. HAUS

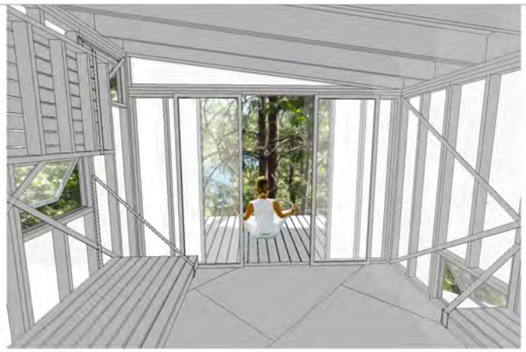
8 ERECT ROOF PANELS AND SHEAR BRACING

6 ERECT WALL PANELS WITH SHEAR BRACING

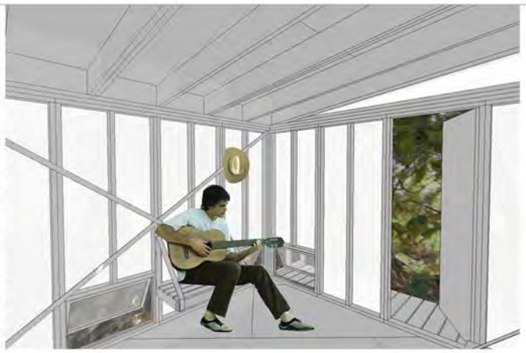
9 INSTALL GREEN ROOF TIRE MODULES

7 ERECT TOP PLATES, DOORS, AND SHED END PANELS

ENTRY

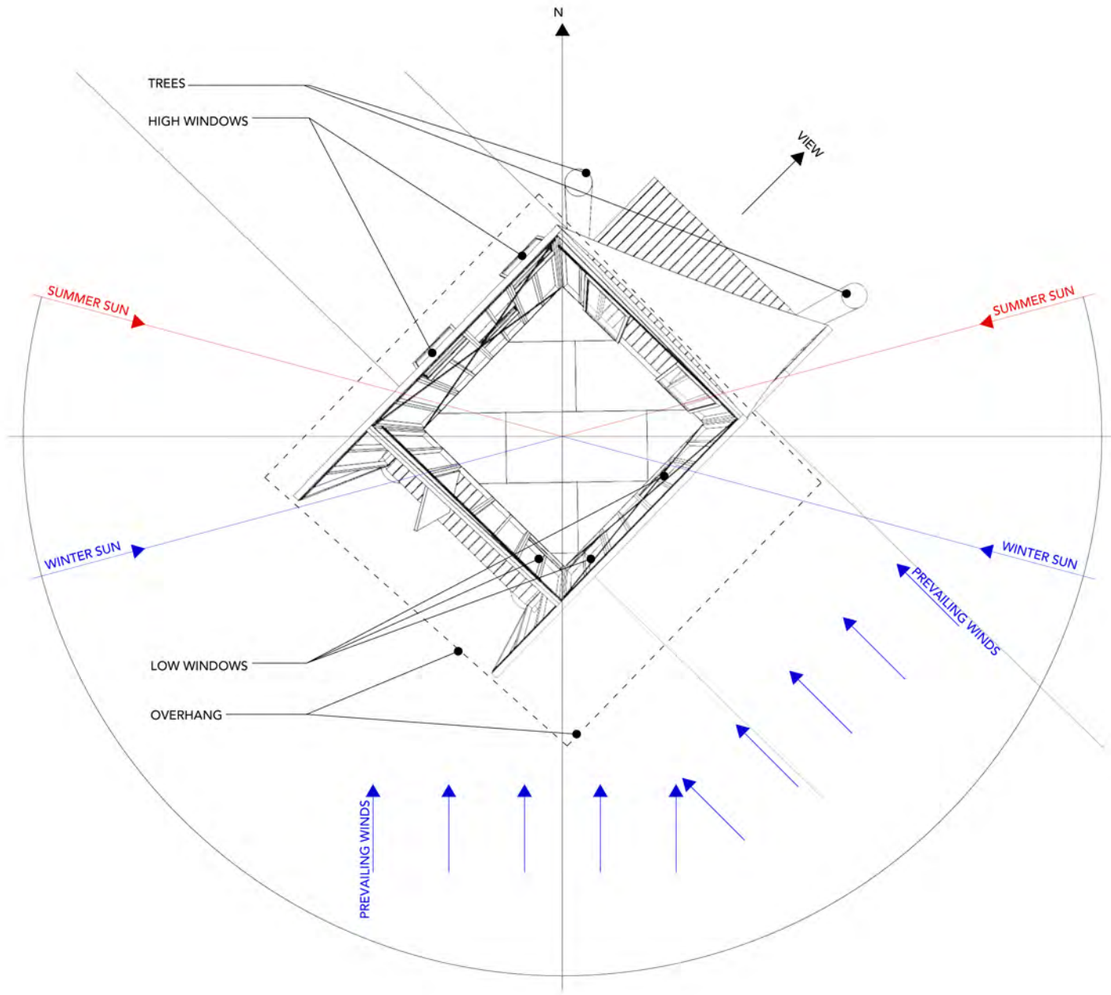


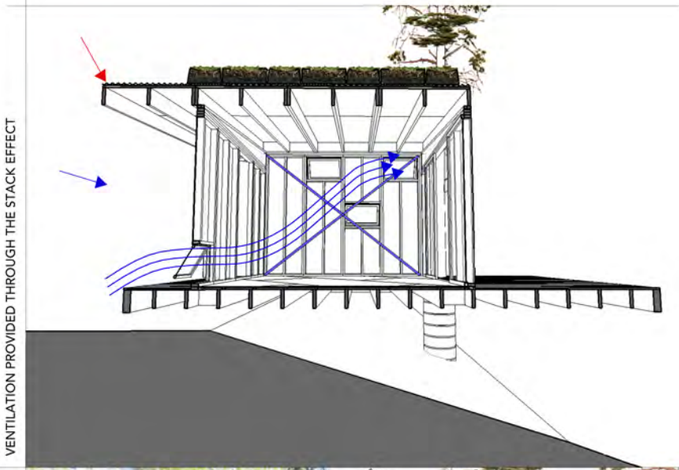
VIEW



FOLD DOWN SEAT ATTACHED WITH HAMMOCK STRAPS

FOLD DOWN BUNKS ATTACHED WITH HAMMOCK STRAPS



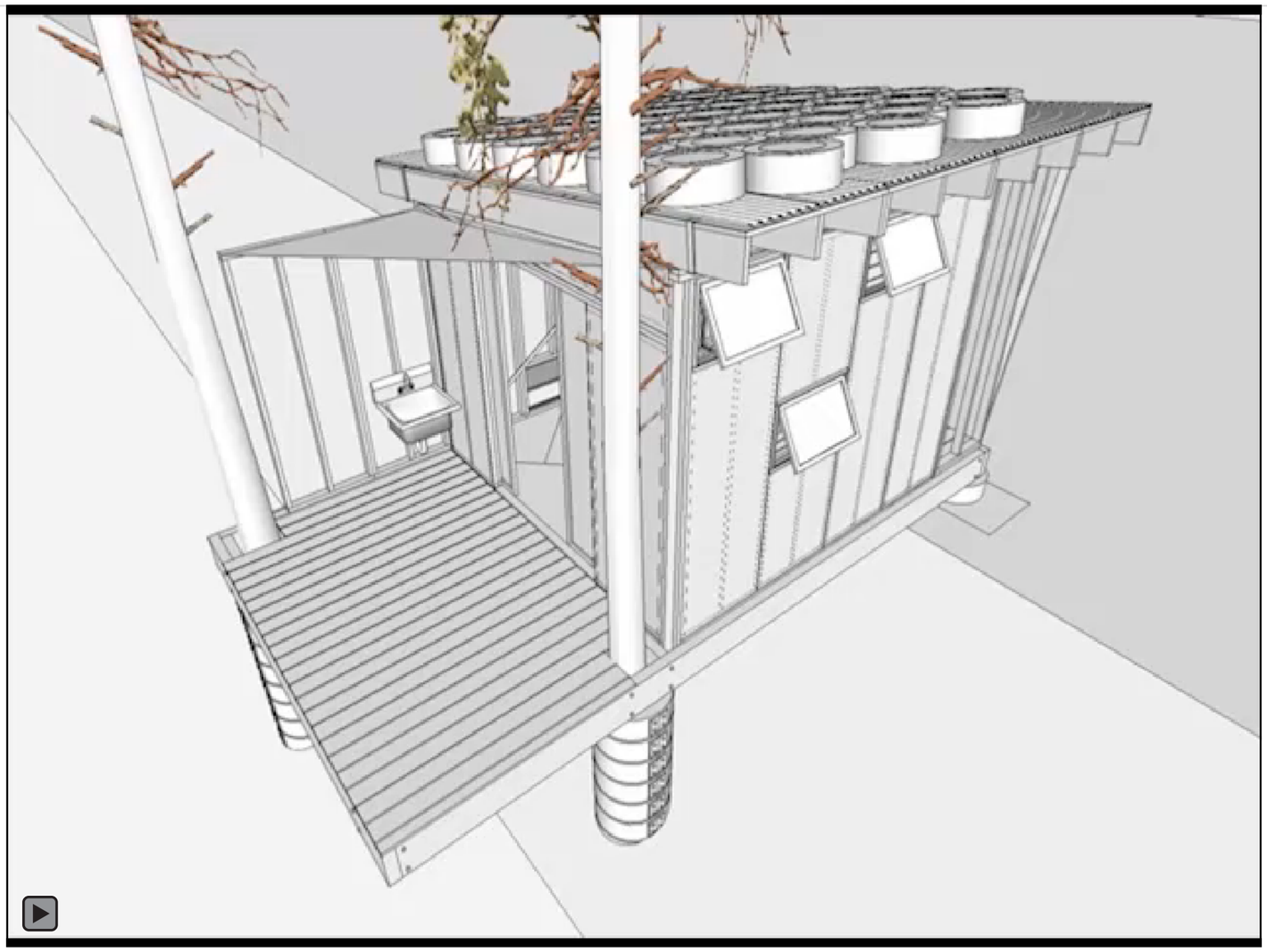



VENTILATION PROVIDED THROUGH THE STACK EFFECT

## DETAILS

ENTRY

"LIVE YOUR LIFE, DO YOUR WORK, THEN TAKE YOUR HAT." - HENRY DAVID THOREAU



ENTRY