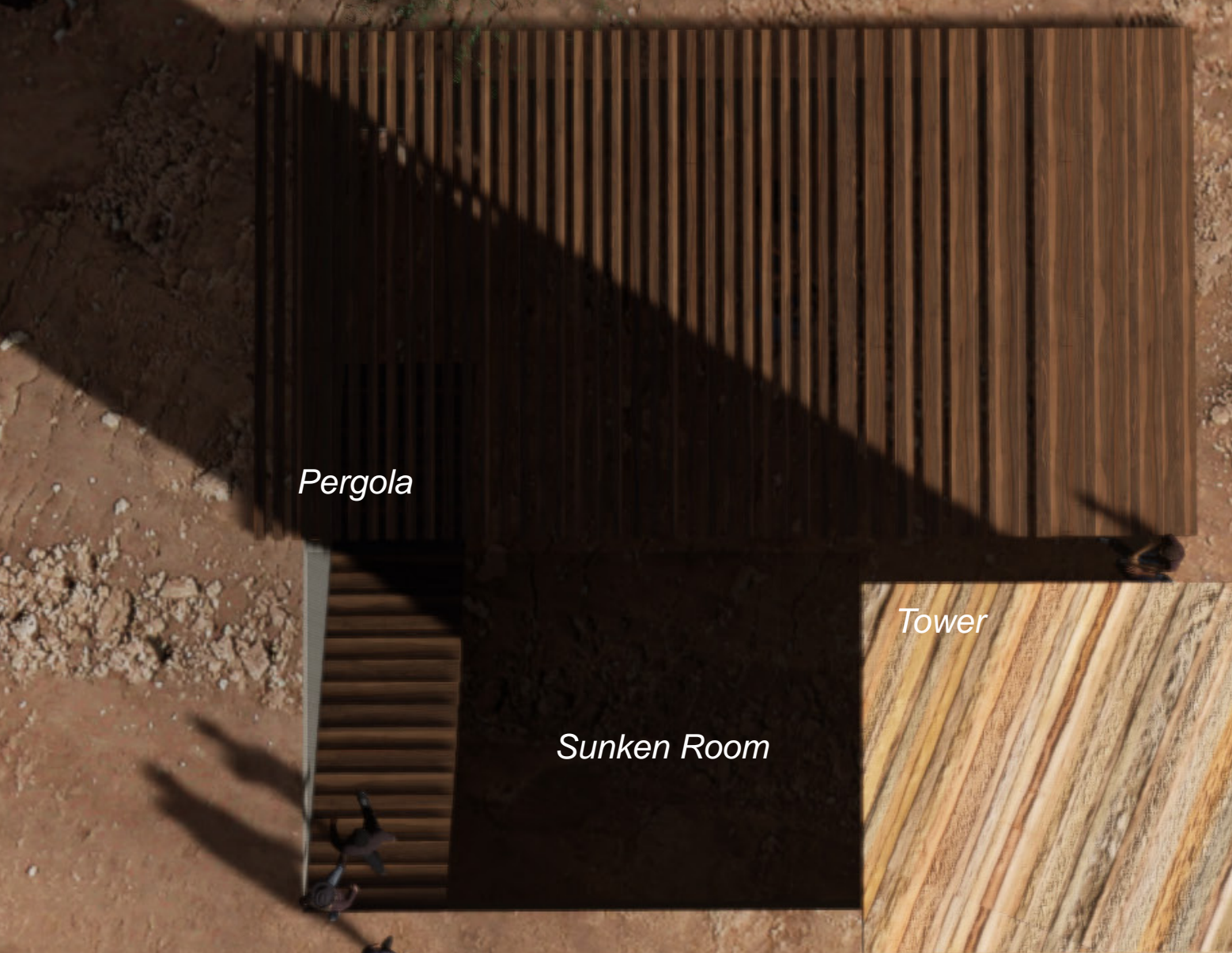


# The Elements

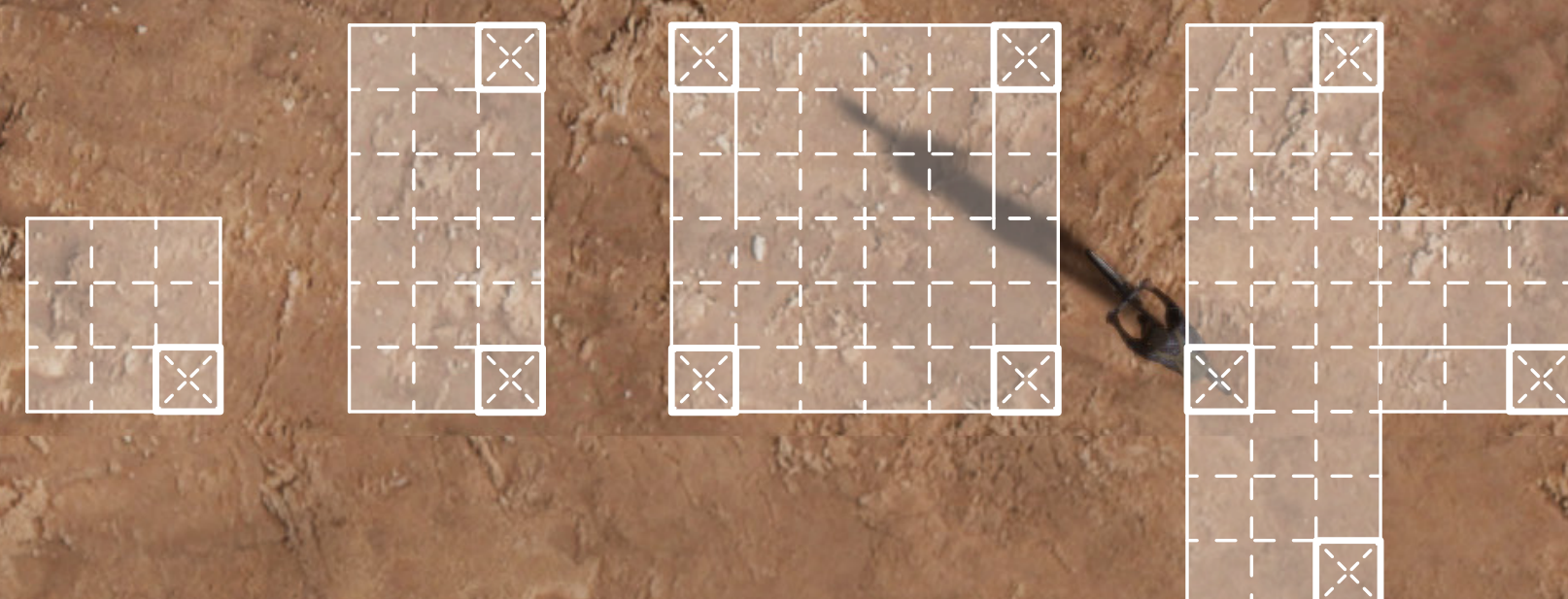
Site Plan with One Module



Covered Semi - Outdoor



Modularity / Scalability

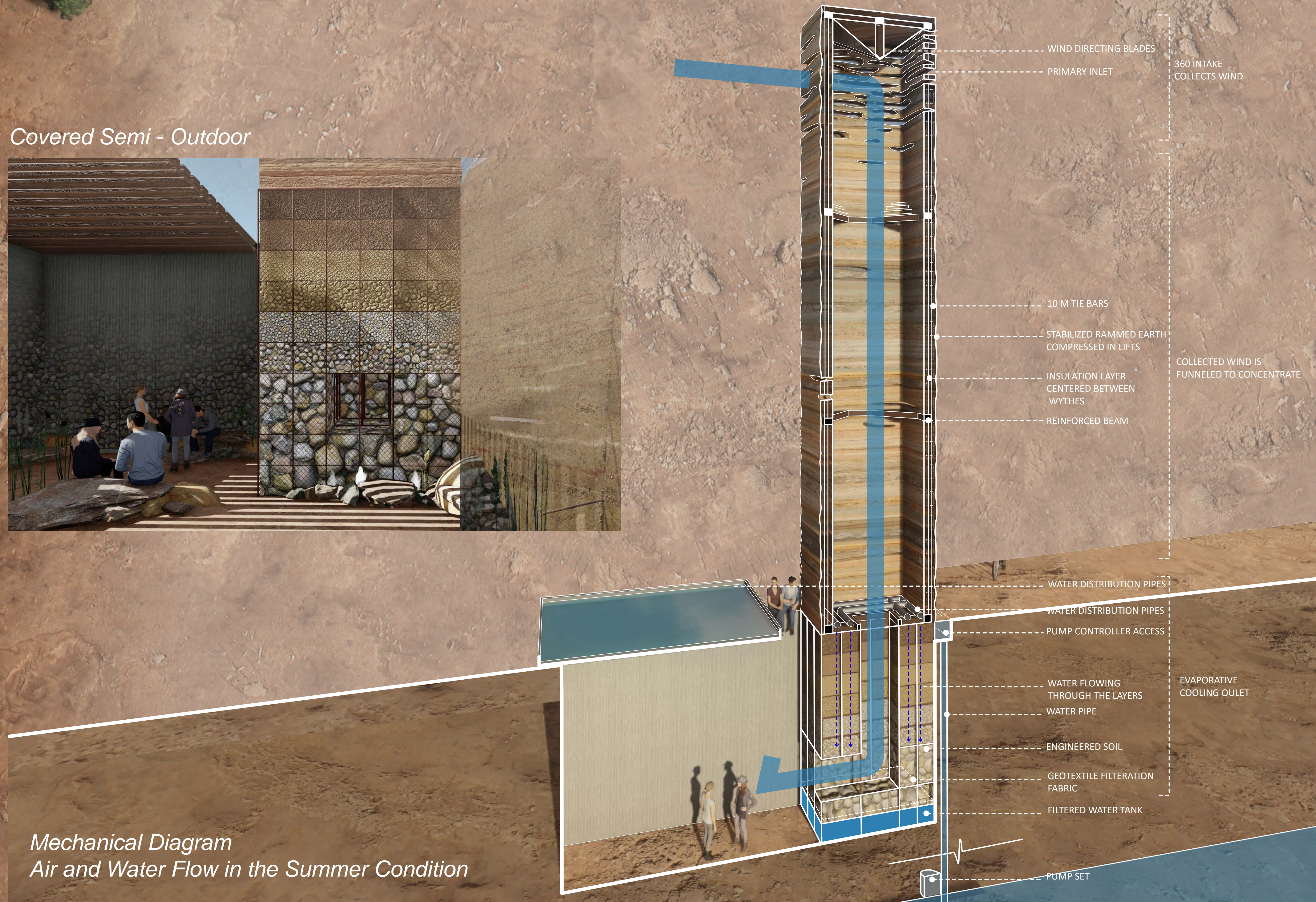


The size of the wind tower is proportionate with the size of the adjacent room that it serves. The system is scalable by repetition if more spatial variety and flexibility of use is desired.



Site Plan with multiple adjacent modules

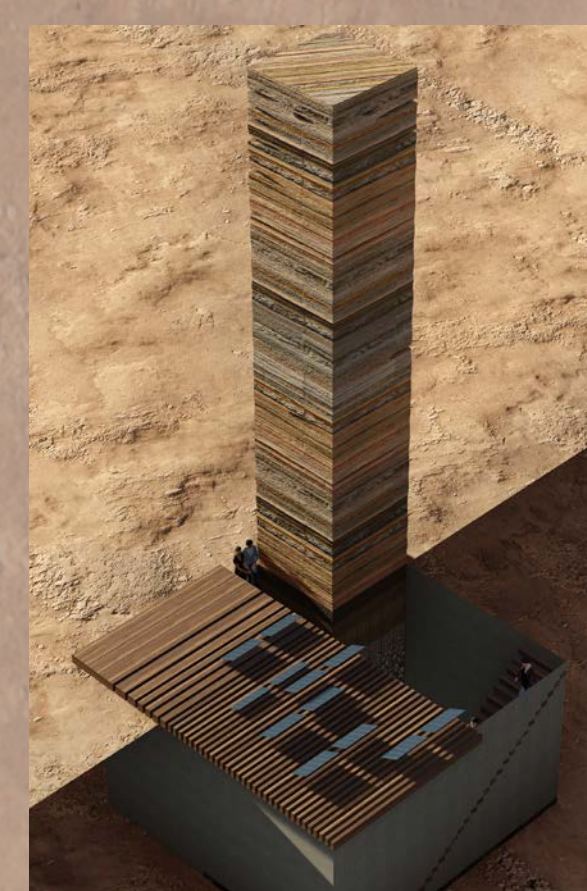
Mechanical Diagram  
Air and Water Flow in the Summer Condition



Possible Spatial Typologies



Cooled Outdoor Room  
No Roof



Covered Semi-Outdoor  
Trellis roof + PV



Cooled Indoor Room  
Roof Tray Collecting Rainwater

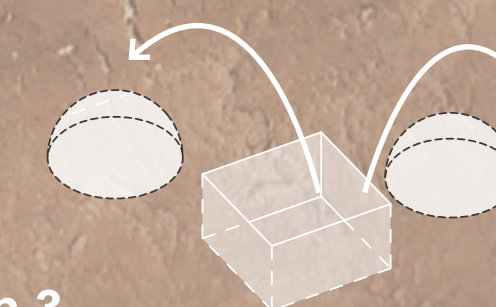


Cooled Indoor Room  
Roof tray with Planting

Construction Process / No Waste

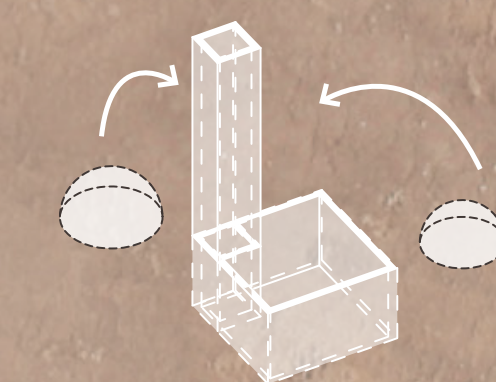
## Step 1

Excavation & Collection of additional rocks/sediments from the site



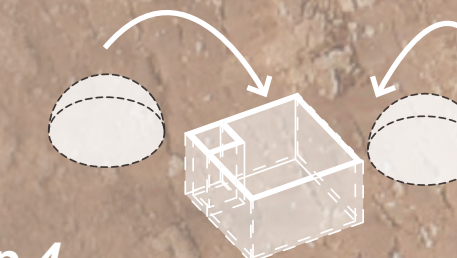
## Step 3

Rammed Earth tower construction layer by layer, starting with the wood framework



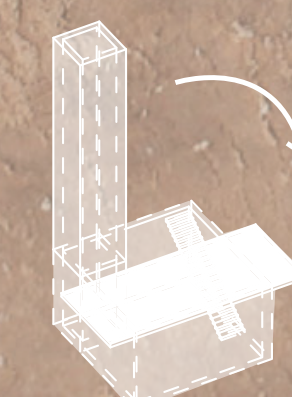
## Step 2

Foundation with gabion, layering of the water filtration system and installation of the mechanical shafts



## Step 4

Roof and enclosure depending on the typology below by reusing the lumber of the framework



Framework Lumber transformed into a roof system