

NO TIME TO WASTE

“No Time To Waste” is an urban exploration, dedicated to matters of public space and re-use. Made entirely using leftover material, the pavilion will become an evolutive infrastructure, promoting principles of circular construction in tandem with a collaborative methodology.

By re-interpreting the archetype of the modern bus shelter, standardized and industrialized since the 60s, we propose a manufactured canopy that explores the qualities of cladded, articulated, filled, and composed architecture.

Waiting areas for buses, trains, or trams, are usually related to an act of killing time and shelter seek.

“No Time To Waste” proposes instead an active gate, engaging with the proximate square at Tallinn Jam Station and offering alternative break-out spaces.



Marc-Antoine Laugier. Cabane primitive, Essai sur l'architecture. 1755
Herzog de Meuron, Hut made of layered natural stones, unknown
Aubette bus shelter, unknown
Building demolition, unknown

An Evolving Structure

The pavilion's construction relies on four primary elements that can be easily adapted regarding the available resources. When dry assembled they are capable of offering protection from the rain, sun, snow, and wind to its users.

A series of walls define a sequence of covered and permeable rooms, open for future possibilities. Inspired by the gabion wall constructive system, we imagine lightweight steel cages that can be filled with leftover stones or rubbles. By the weight of the rubble, they serve as external foundations for the pavilion. No anchors on the ground are needed. The filling of the walls could be planned as a symbolic moment where everyone can bring their piece. Variations in the density of the filling can be done to allow certain transparency in some points of the wall. The structure of the roof is simply composed of a grid system made of primary beams and secondary battens. The grid size and span can vary depending on the resources available and some details of articulation can be designed. The structure can be made out of wood, steel, scaffolding tubes, etc.

A lightweight waterproof roof is proposed. The cladding can be made of different possible materials such as wood, truck tards, metal sheets, broken solar panels...It can be improved during the years depending on the future available resources. A series of manufactured objects and urban furniture can be built also with re-used materials, like stone, wood, or metal. A composition of as-found elements would be defined by users' needs and desires for this waiting area.

A Collaborative Exploration

By building a 1:1 mock-up during Tallin's Architecture Biennale of one habitable module through a series of workshops on the site, chosen materials can be tested for their resistance to weather conditions.

The module could be tested by actors and associations to experiment and appropriate the space through programmation and build elements.

“No time to waste” offers different users a platform where they could have the opportunity to explore space and engage critically through a series of workshops featuring interventions, surveys, and meetings with the Tallin Jam Station daily users to be aware of their needs and try to implement them in the future. The workshop program could be implemented as part of the Tallinn Architecture Biennale program, hosting universities, vocational schools, and initiatives from the city and beyond. It could host and feature artistic and performative projects on topics such as climate, resource materials, care work, and urban practice.

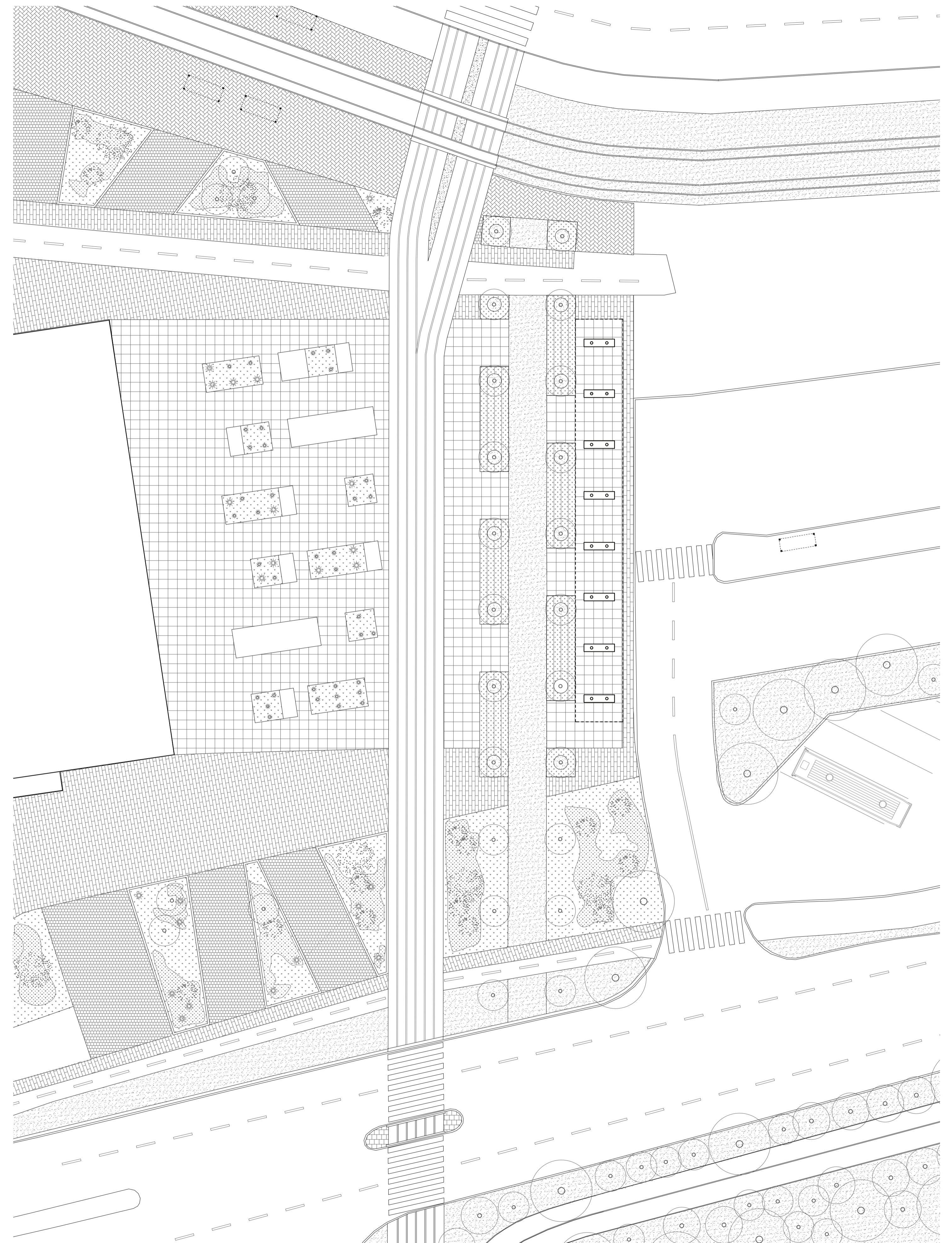
By showcasing processes of spatial and social dynamics typically hidden from a wider audience, the project demonstrates that ecological sustainability is linked to a social question.

Learning from the mock-up, the pavilion could be assembled after the Biennale. The logic of modules gives the possibility to extend the pavilion step by step, repeating, and improving the building process. Alike the German pavilion of the 18th Architecture Biennale in Venice, some materials from the biennale could be reused for the pavilion through a participatory process.

After the construction phase, the pavilion can still improve and evolve through participatory workshops on learning how to build furniture from waste, a clock, a closed space, a fountain... the possibilities are almost endless.

As it is dry assembled and without foundations, one day the pavilion can be dismantled and the material can be used for other purposes.

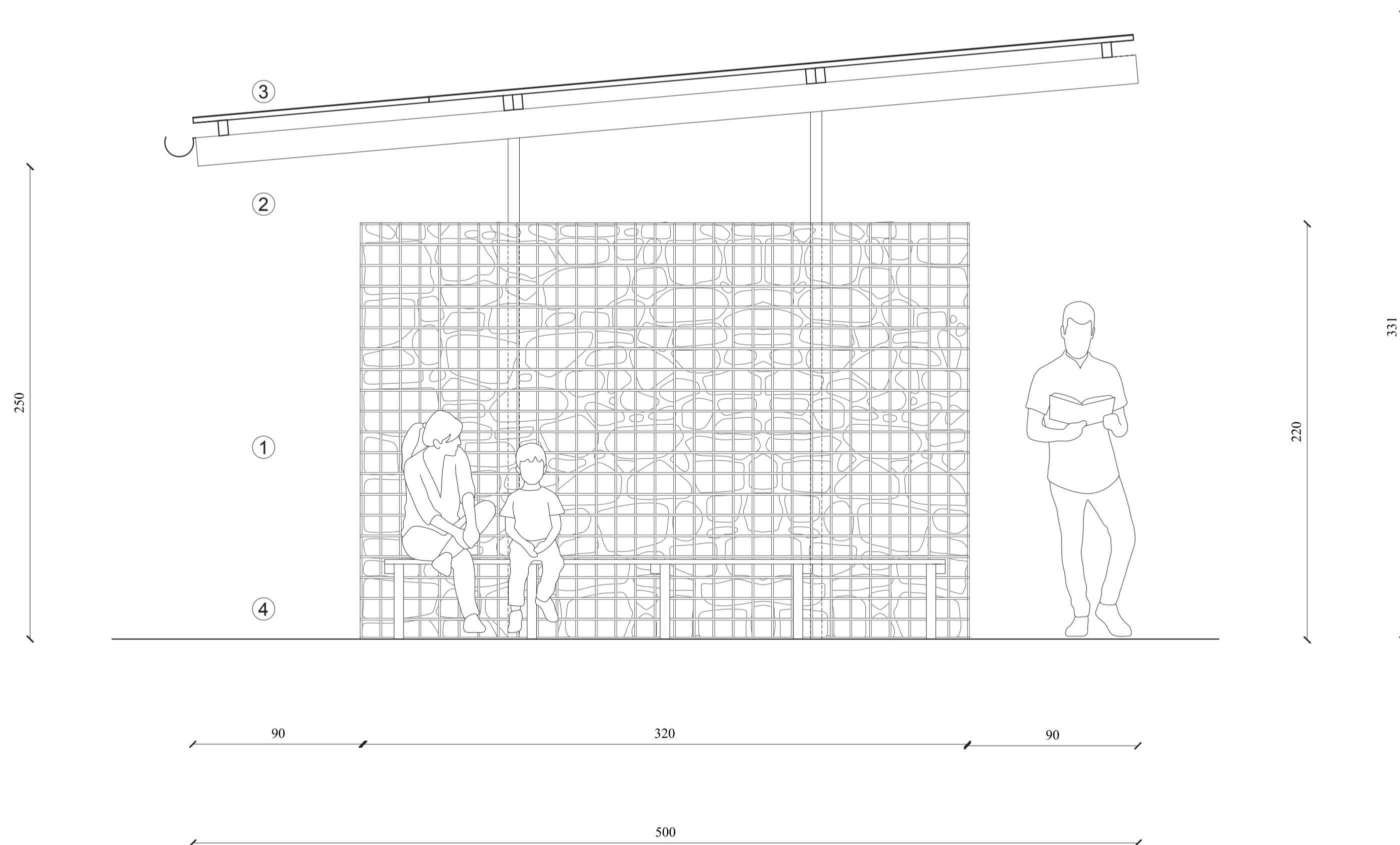
Context



1:250



The preliminary work will be based on confirming the constructive principles and the material inventory set-up in close collaboration with the local experts. First, a series of discussions and meetings with the Tallinn Biennale production team is crucial to have more knowledge about the material and resources available for its future curation and selection. Then, a series of exchanges with a structural engineer will be needed to approve the mock-up structural and stability principles: ground anchoring system and vertical structure, necessary minimum weight for filling the cages, roof structure to optimize the distribution of the re-used beams by categorizing them based on their structural capacity. Also, as we would like to engage architecture and design students to join the construction of the prototype, we would like to contact the Estonian Center for Architecture and the Estonian Academy of Arts to communicate about the upcoming workshops and start defining the participants.



Walls/ Filling (1)



Gabion system that serves as foundations for the pavilion. No anchors on the ground are needed.
rubble, steel rods for reinforced concrete, gabion cage...

Structure/ Articulating (2)



Grid system made of primary beams and secondary battens. The grid size and span can vary depending on the roof elements available.
wood, articulations, scaffolding structure...

Roof/ Cladding (3)



Lightweight and waterproof roof. The cladding can vary depending on the available resources.
wood, (disfunctional) solar pannels, truck tarp, metallic sheet...

Elements/ Composing (4)



Objects and urban furniture made of re-used materials. A composition of as-found elements defined by users' needs and desires.
wood, stone, metal, plastic curtains...

Before the opening of the Biennale, we propose a series of participatory and supervised workshops, according to the previous material and resources inventory and curation. Ideally, we would like to include the architecture and design students from the Estonian Academy of Arts, whose school is very close to the site and whose academic calendar could fit the workshop dates.

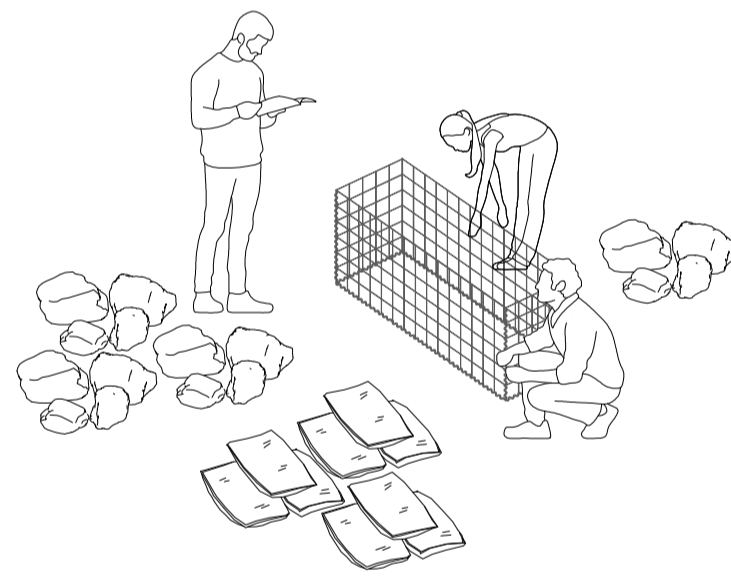
The 3 workshops can be done simultaneously and supervised for 3 teams of students, or they can be done one after the other and it is the same group of students that builds every step of the mock-up.

0 Foundations / Preliminary work

Before starting the different workshops, the column section and anchoring system are defined with a structural engineer. The column can be welded on a steel plate on which the weight of the gabion provides stability, or be inserted in an as-found element such as a concrete block.

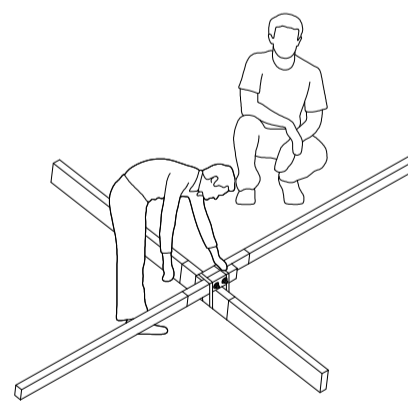
1 Workshop 01 (2-3 days) Gabions

The gabions can be made out of standard dimensions 80x40x30cm (mesh grid + spirals) or composed of reused steel grates or fencing. The necessary weight of the infill will be determined by a structural engineer, and be done with stones, sandbags, or rubles.



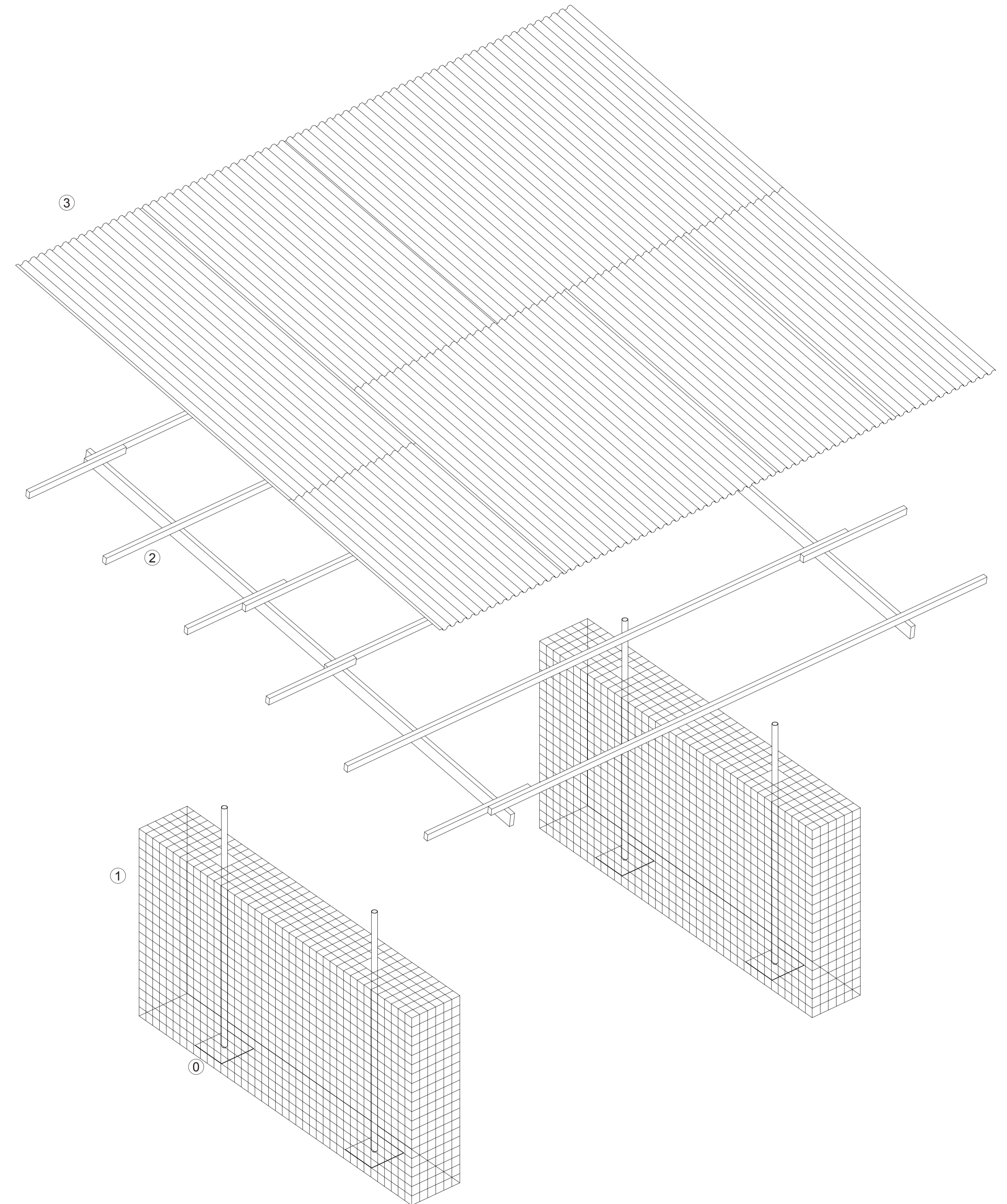
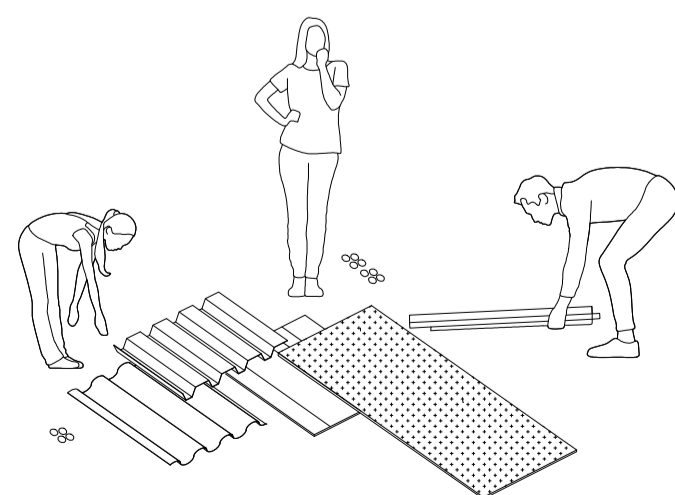
2 Workshop 02 (1 week) Structure

The grid is defined to allow different sizes of cladding elements. Different nodes and articulation are tested depending if metal tubes or wooden batten are used.



3 Workshop 03 (1 week) Cladding

Different cladding materials can be tested regarding their water resistance, weight, transparency, wind stability, or color finishes. The idea is to explore systems to define an optimized canopy.



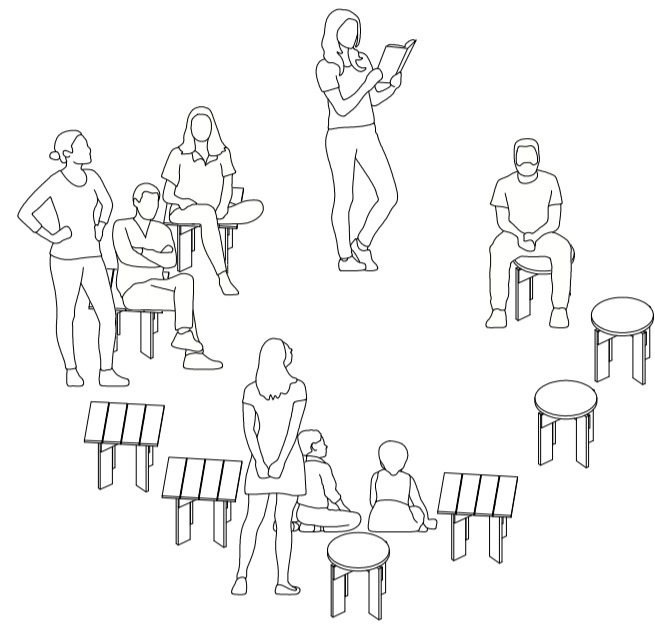
Appropriation workshops & events

TAB

10-11-12/2024

The intention is to activate the prototype during the Biennale and use the space offered by the pavilion. A curated series of workshops and participatory events will engage with inhabitants and local design schools, laying the groundwork for future community appropriation.

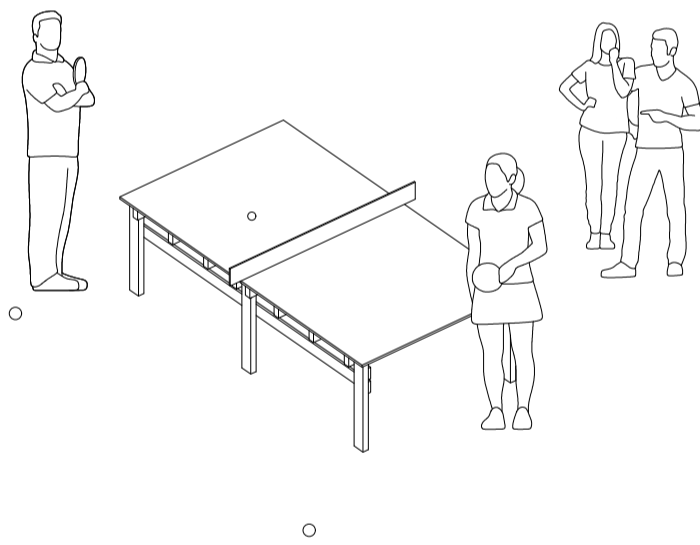
1 Workshop 01 (3-4 days) Urban Furniture



Making pieces of furniture to inhabit the pavilion and create comfort such as benches, chairs, stools, and tables. Following Enzo Mari's philosophy, this participatory process could be supported by students from the design school.

Event (1-2 days):
Discussions + coffee with future users and bus drivers.
Thoughts on the program, brainstorming on elements that can help activate the canopy.

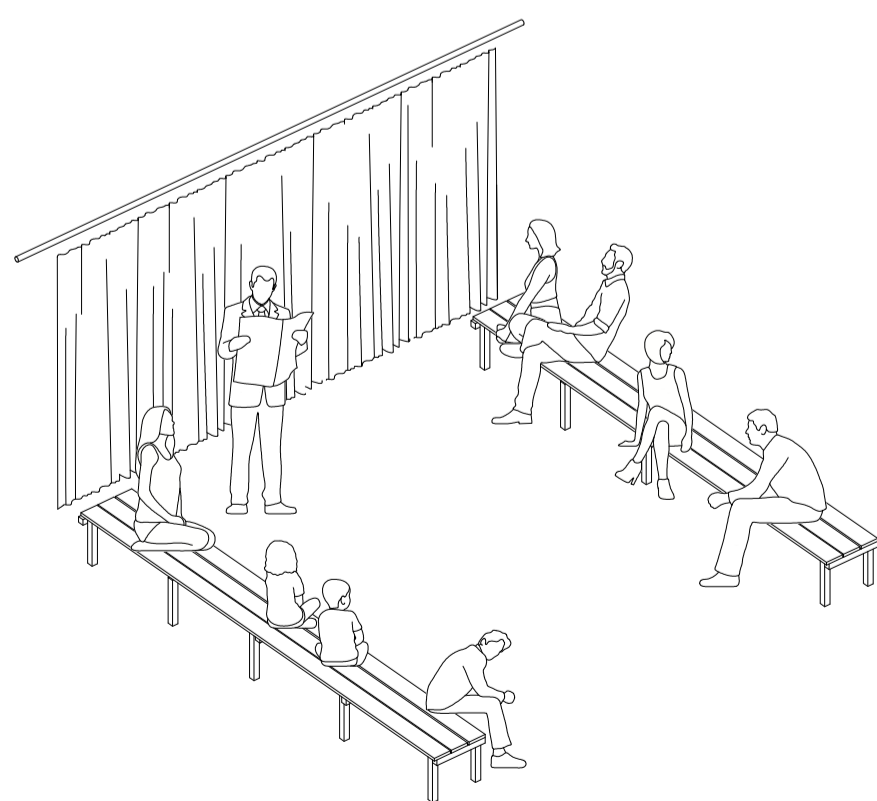
2 Workshop 02 (1 day) Playful element (e.g., ping pong table)



Building a piece of furniture or game for people to socially engage and interact. It can be a ping pong table, a giant chess board, or painted patterns on the floor for children.

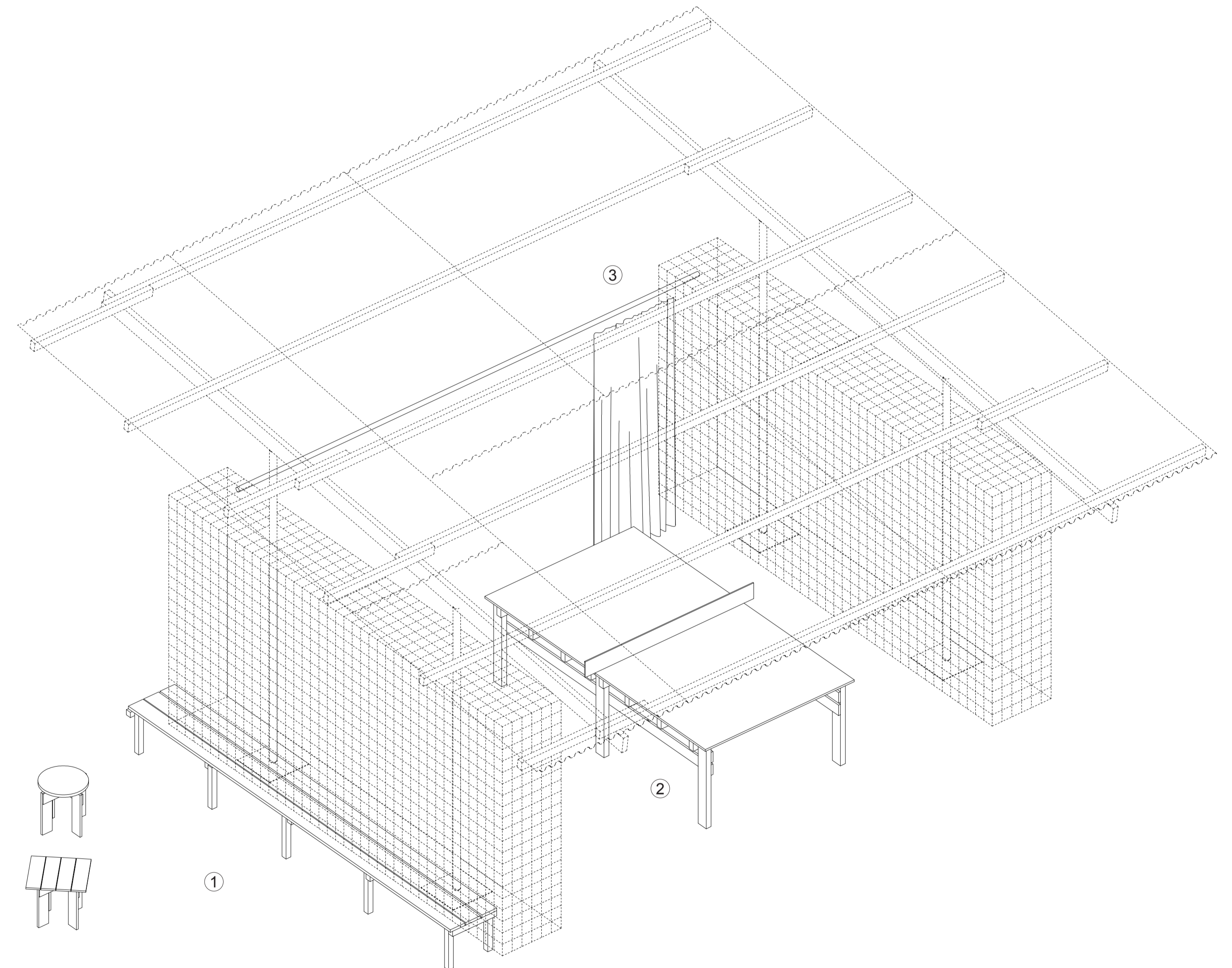
Event (1 weekend):
Ping pong tournament

3 Workshop 03 (1 week) Thermal curtains



Experimenting with transparency, texture, and weather resistance for the colder months of the biennale, in collaboration with the textile design school.

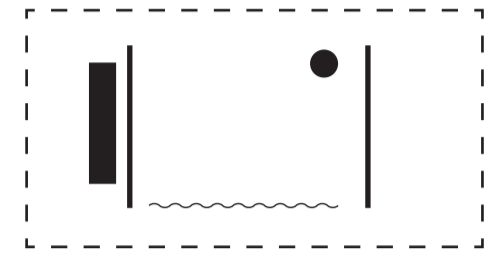
Events:
Concerts, projections, lectures on soft architecture, and intimate discussions on public space, etc.



Acts

Act I

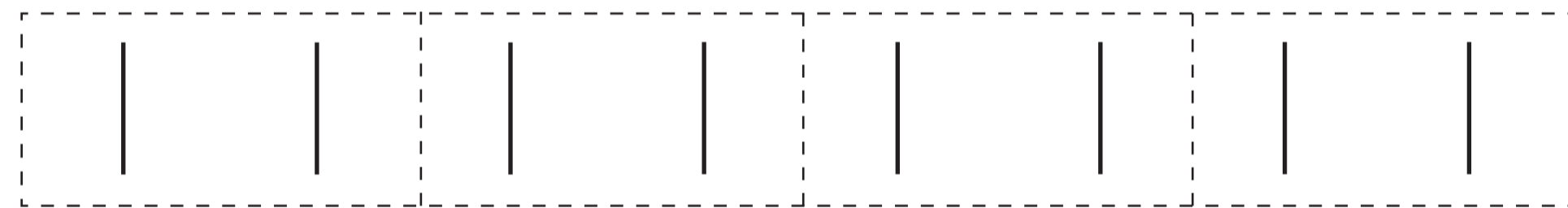
Architecture Biennale: Trial and Error



Inventory and material research
 Participatory workshops for building the mock-up with architecture students, and art students, ...
 Public surveys and meetings to acknowledge users needs
 Coffee meeting with bus drivers to discuss the project
 Occupation of the habitable space by associations, groups..kitchen space, projections, meeting, chilling...
 Host artistic and performative projects about care, re-use, etc.
 Document the events

Act II

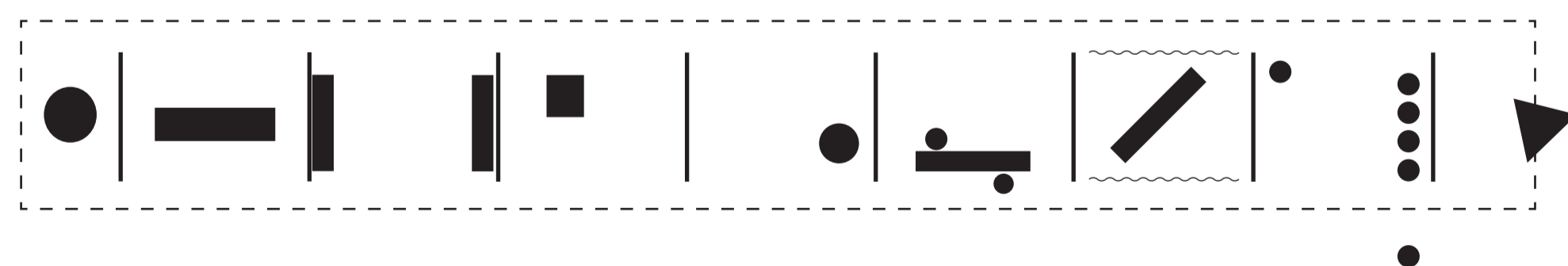
Construction Phase: Iteration



Inventory and material research
 Participatory workshops for building the pavilion with architecture students, art students, ...
 Symbolic filling of the walls with habitants and users of Tallinn Jam Station
 Document the process

Act III

Post Construction Phase: Appropriation



Inventory and material research
 Participatory workshops for building furniture, elements, closing spaces, fountain, clock.. followed by artists, designers...for the users and inhabitants of Tallinn
 Public surveys and meetings to aknowledge users needs
 Occupation of the habitable space by associations, groups..kitchen space, projections, meeting, chilling...
 Host artistic and performative projects about care, re-use, etc.
 Document the process

Inventory (Preliminary Work: 08/2024)



Arch+, Summacumfemmer, Büro Juliane Greb, Open for Maintenance, German Pavilion Architecture Biennale, 2023
 Rotor, Rediscovering Reuse - Patrick Geddes Fellowship, ESALA, 2022
 Self-office, el Molinot, structural plan with different salvaged beams capacities, 2023

Construction workshops (Mock-Up: 09/2024)



Horst Festival architecture workshop, 2021
 Alice EPFL, Tumbleweed, 2010
 Herzog de Meuron, Mock-up, Dominus Winery, 1995

Appropriation workshops and events (TAB: 10-11-12/2024)



Collectif etc, Osthang Project, 2013
 Norell/Rodhe, Raamland, Brugges Triennale, 2024
 Niels Albers, Self-Design Enzo Mari Furniture, 2022
 Chevalier Masson, Palazzo Stracci, Prato with ETHZ & Lottozero, 2023
 Ecole zéro, Round table with local agents, 2021

Trial and error (Post Construction: 2026 - ...)



Rotor, Unglued, Horst Festival, 2021
 Salotte Buono, Rotunda, Horst Festival, 2022
 Serapis, Veschell, Horst Festival 2023

2024

2026

2026 - ...

