

**Reimagining Kopli**  
a multifaceted strategy to urban revitalization in Tallinn

Ana Carolina de Souza Mello

**Methods of Analysis and Imagination**  
A Matter of Scale



**location map**

Tallinn



0 1 2 3km

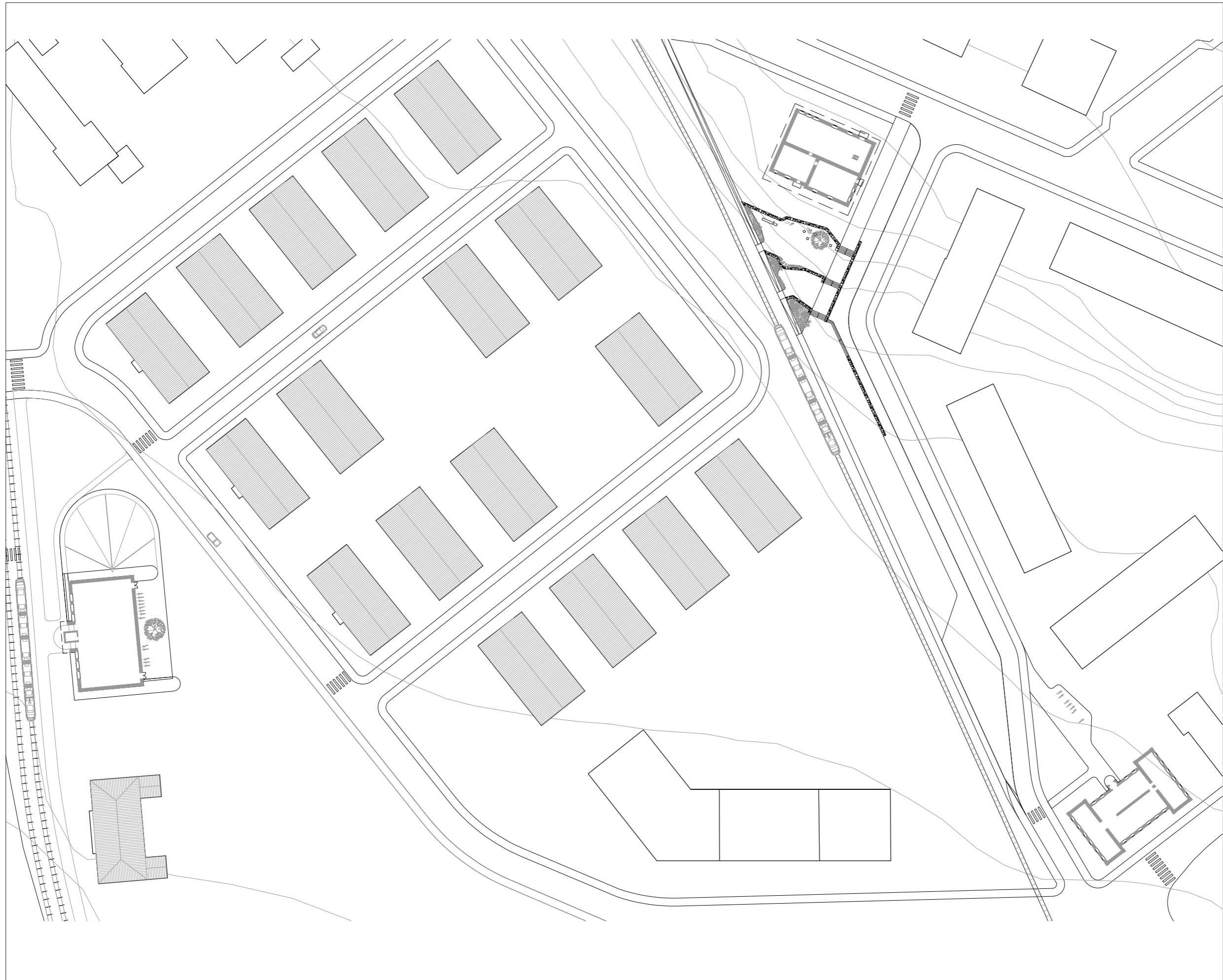


**situation map**

Kopli



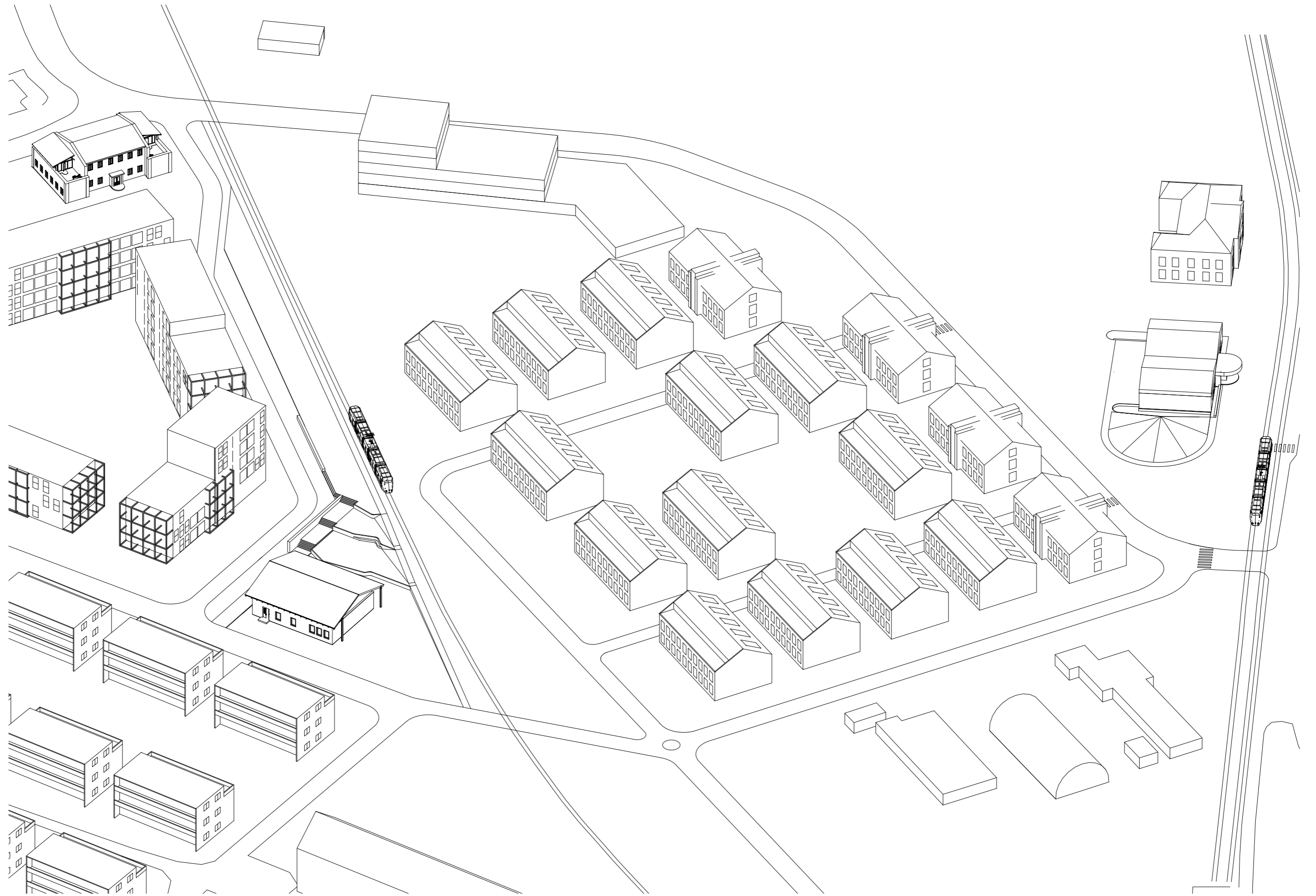
0 500m



**implantation map**  
proposed interventions

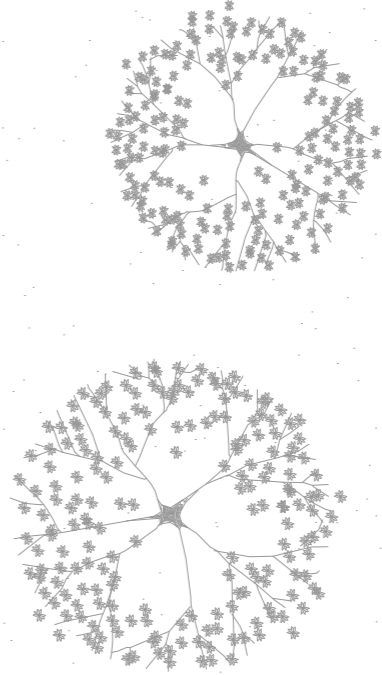
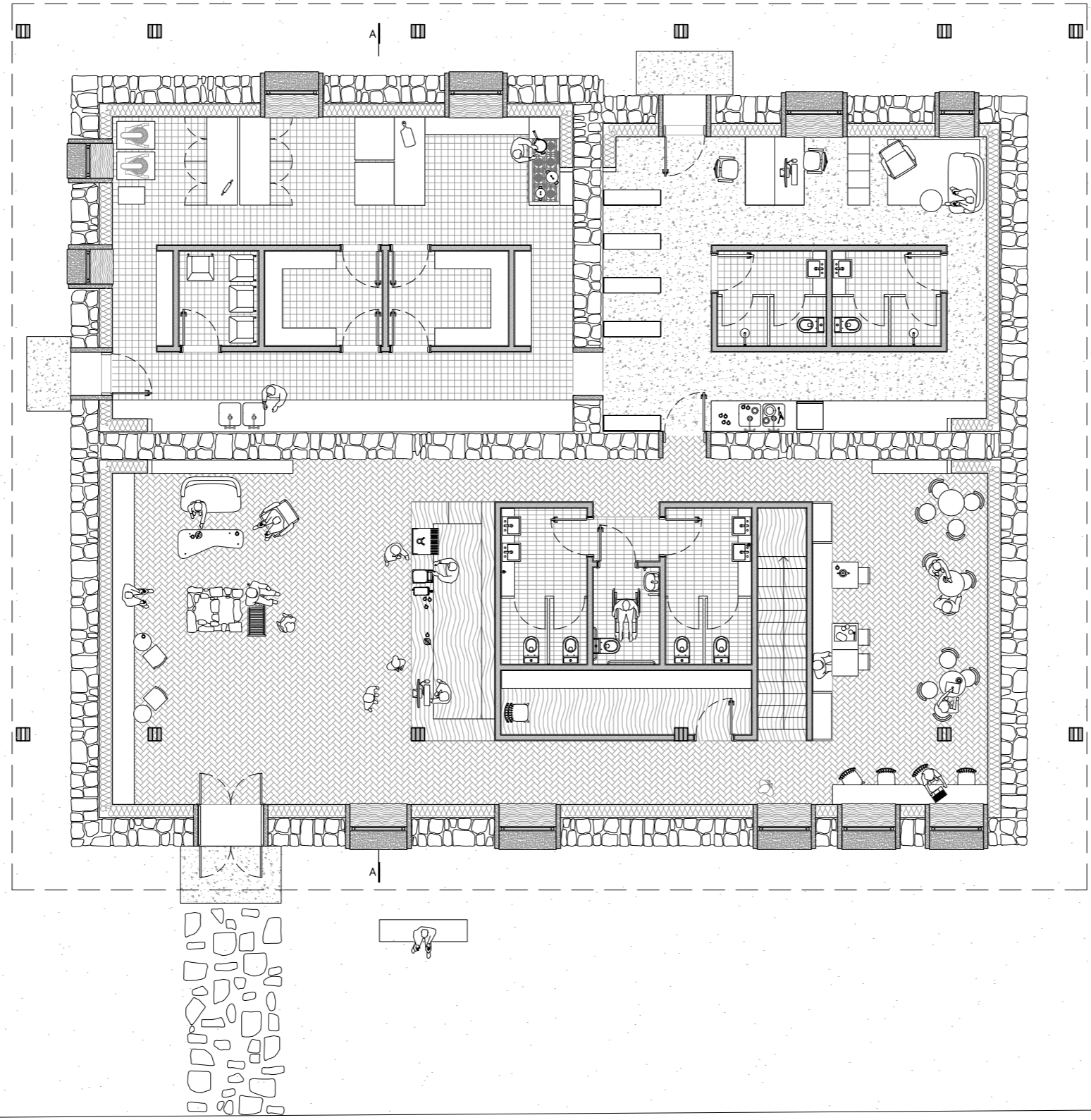


0 10 20 30m

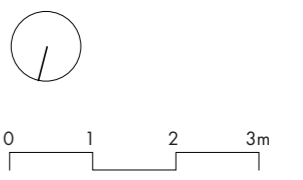


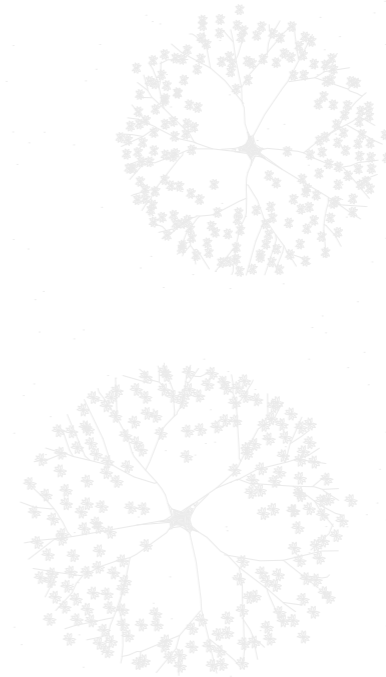
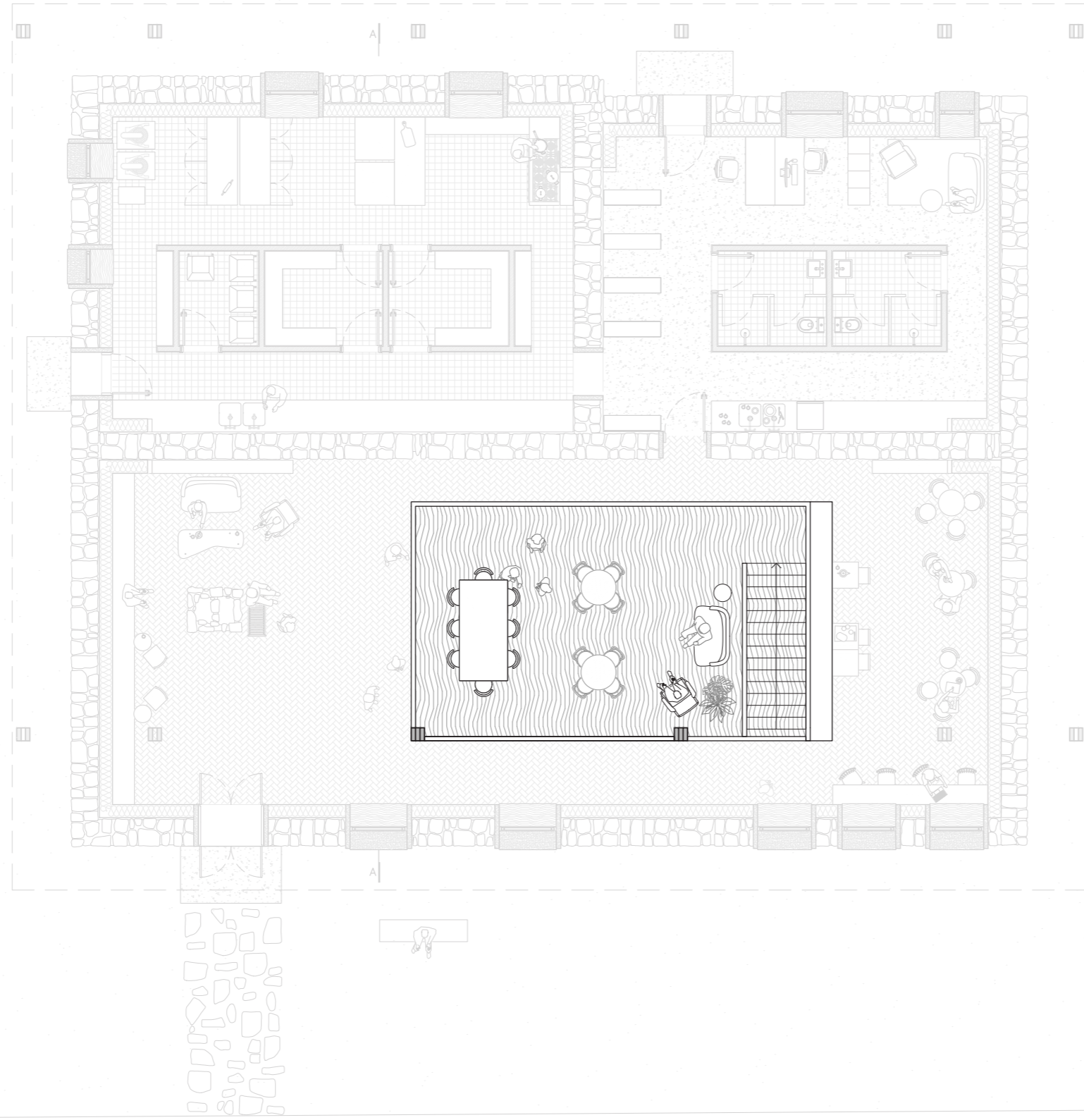


*bakery*



**bakery**  
 floor plan | ground floor



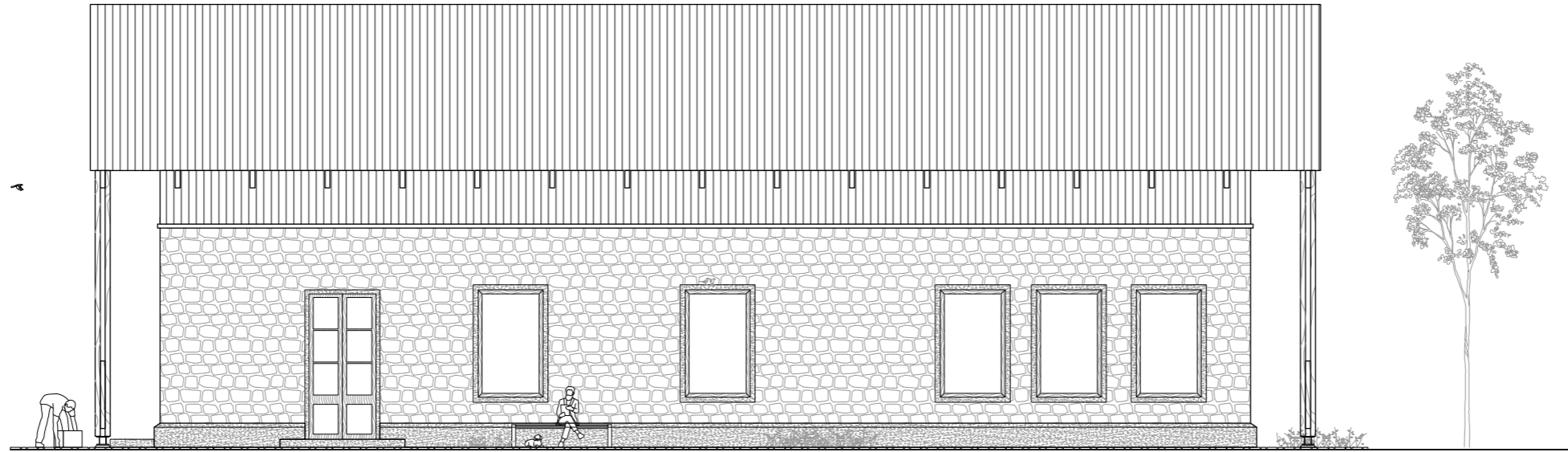


**bakery**  
floor plan | mezzanine



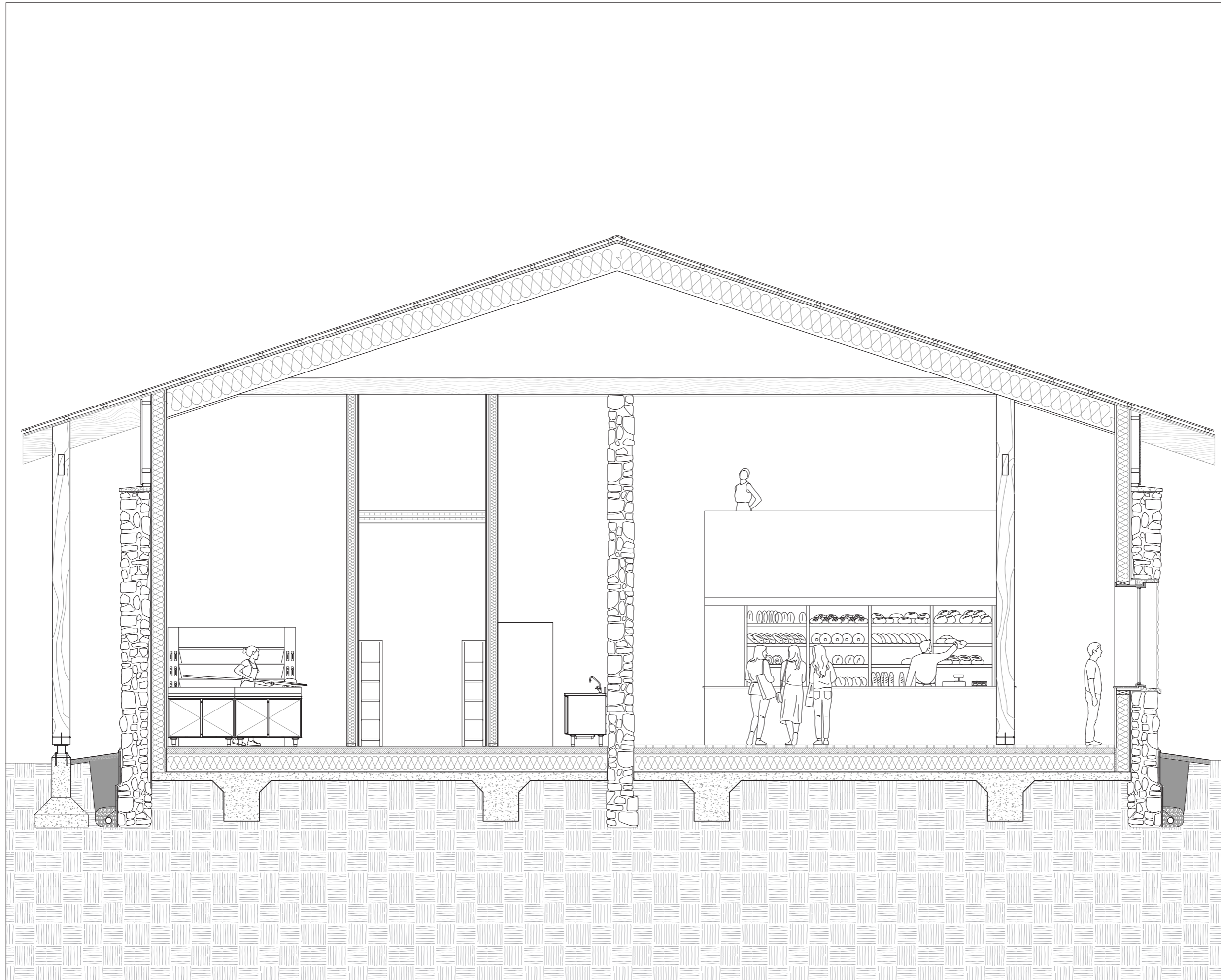
0 1 2 3m





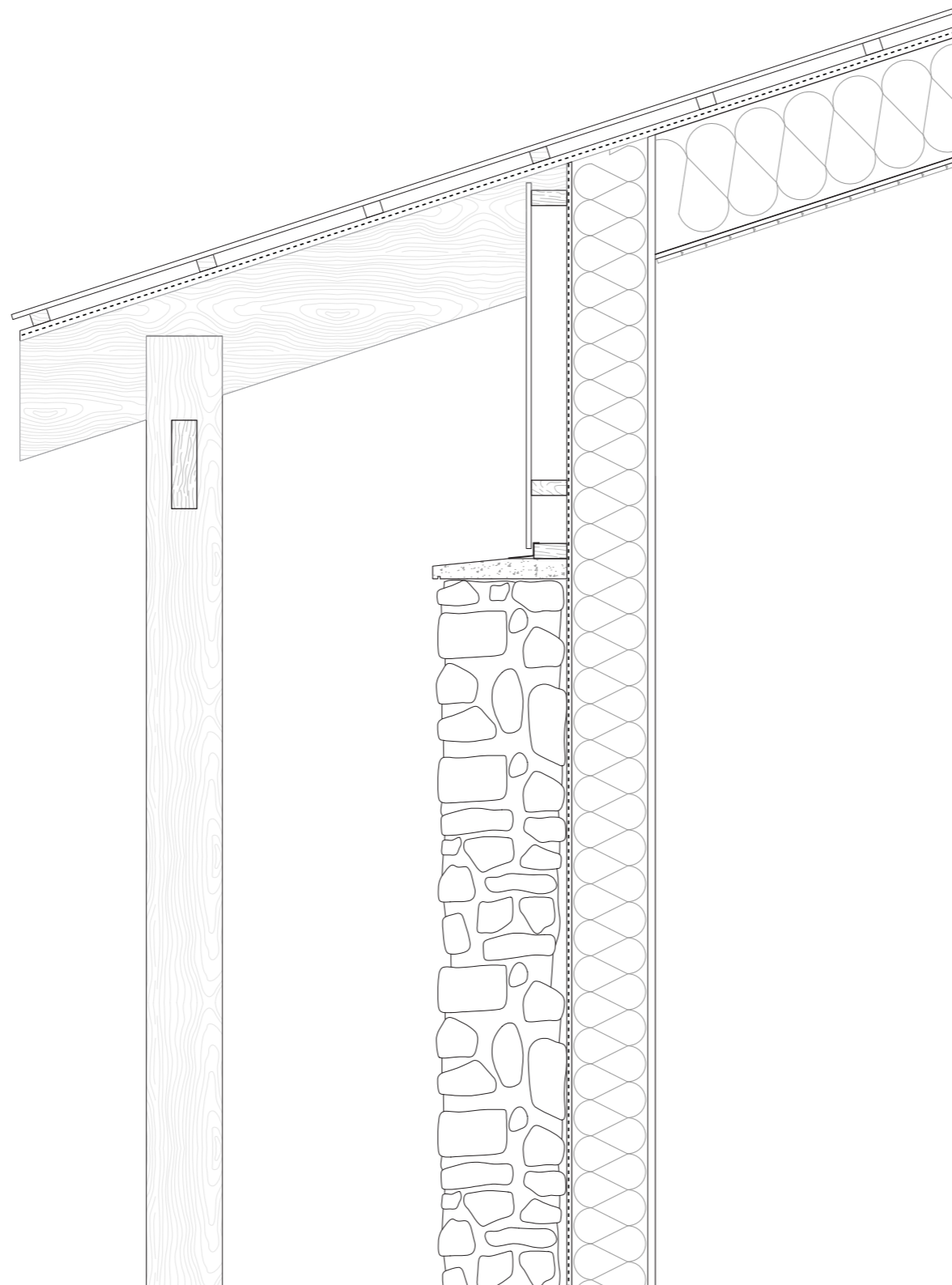
***bakery***  
facade





**bakery**  
cross section

0 1 2m



**roof construction**

- 20mm oak boarding outer face charred
- 36/50mm battens
- 36/50 counter-battens
- diffusion open sub-roof membrane
- 18mm plywood panel
- 275/75mm glulam timber beams
- lime hemp insulation
- 25mm timber sheathing

**facade construction**

- 20mm oak boarding outer face charred
- 36/50mm battens
- 36/50 counter-battens
- 18mm plywood panel
- lime hemp insulation
- fluid applied vapor permeable weather resistive barrier
- lime cement parging
- existng stone wall

***bakery***

detail

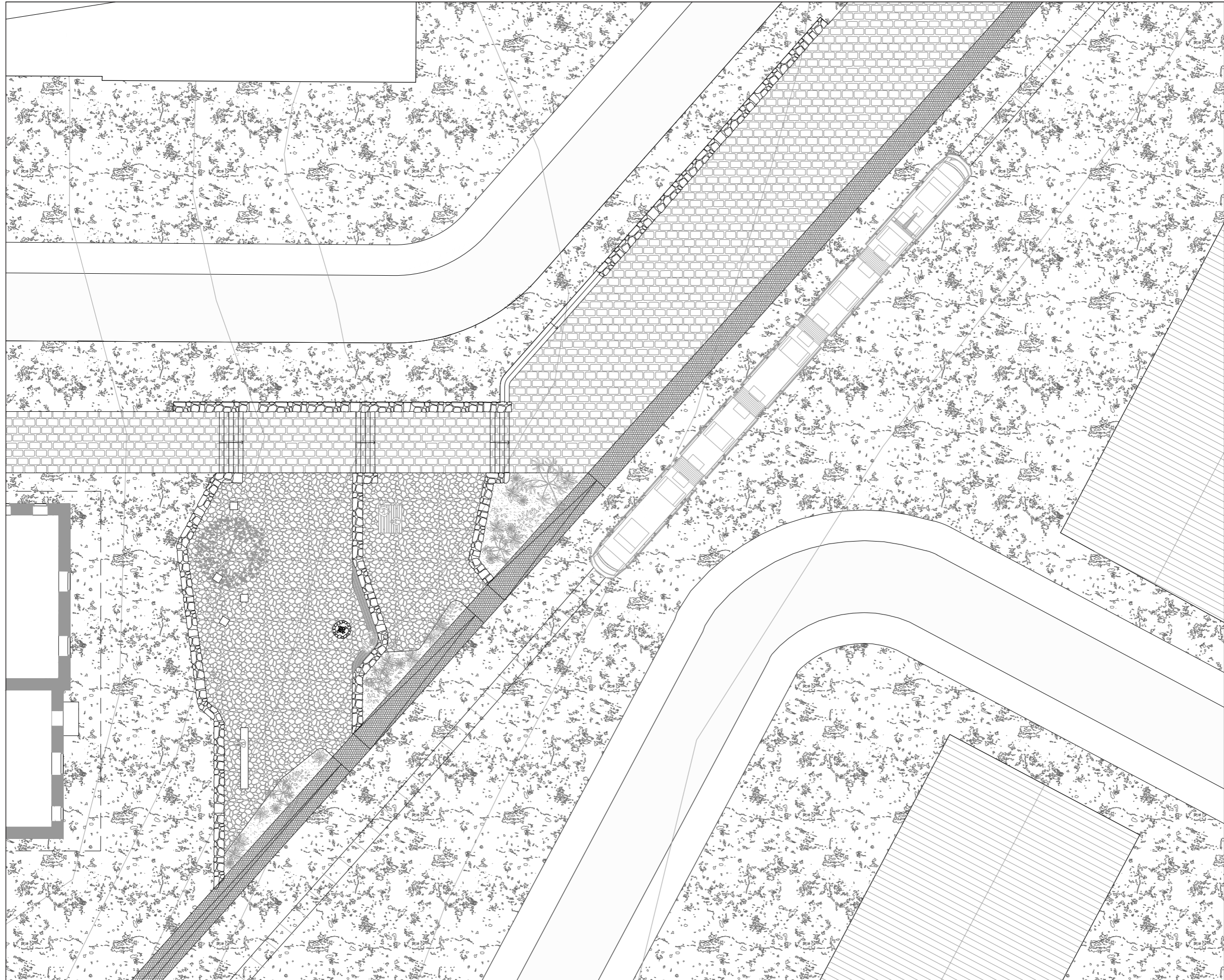
0 0.5 1m



*detail model*

1:10

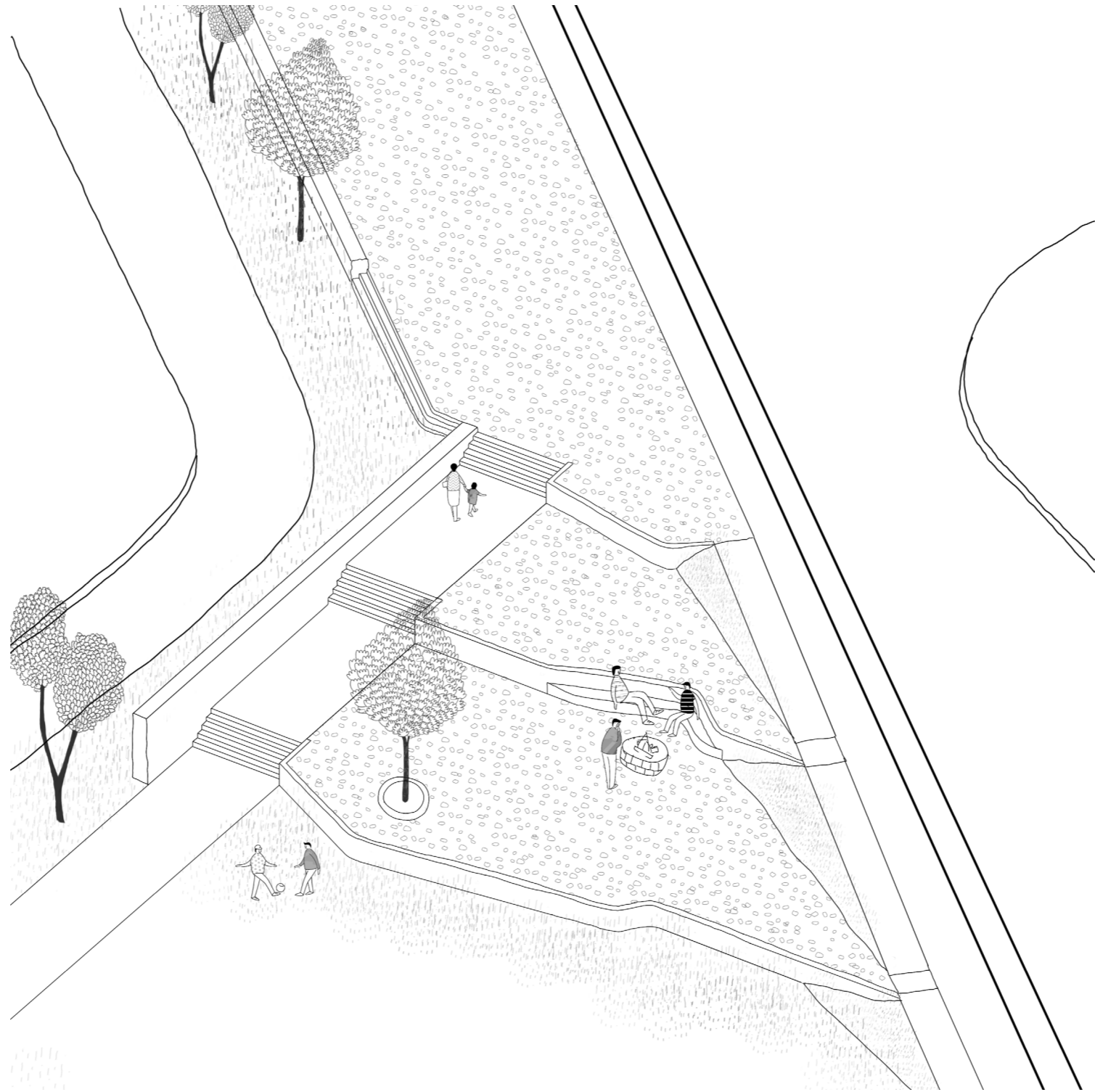




**bakery**  
floor plan | surroundings



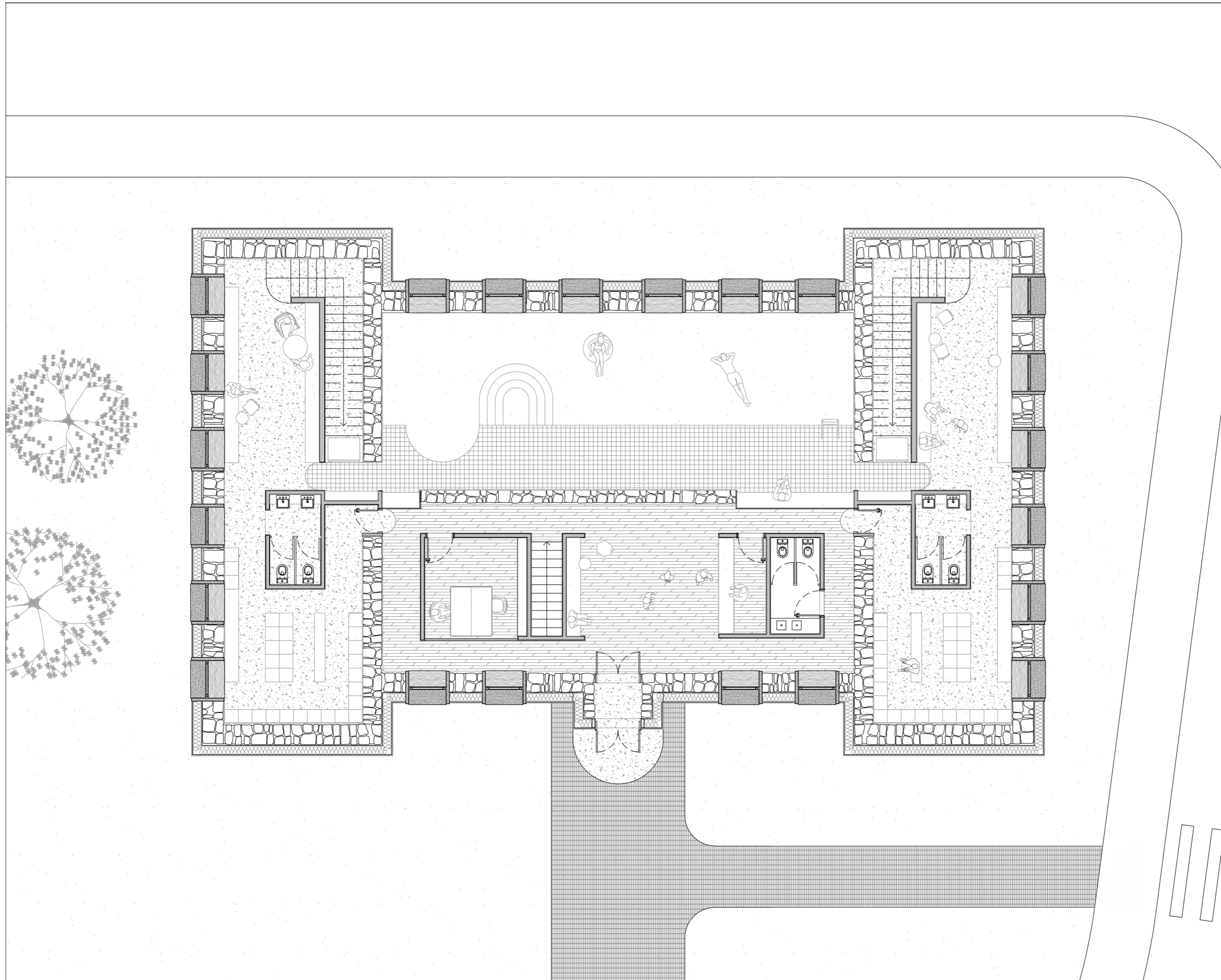
0 2 4 6m





*sauna*

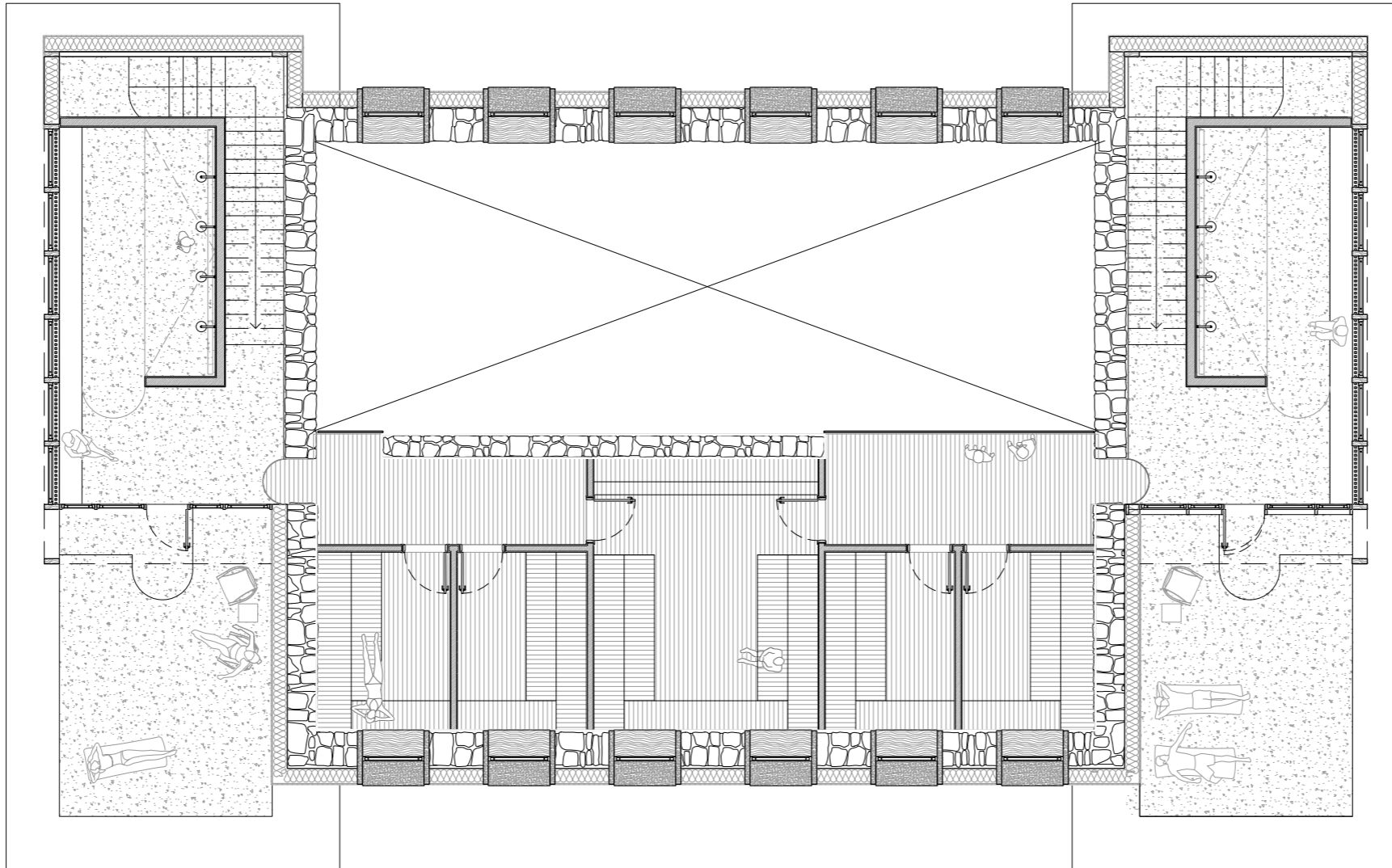




**sauna**  
floor plan | ground floor



0 1 2 3m



**sauna**

floor plan | 1<sup>st</sup> floor



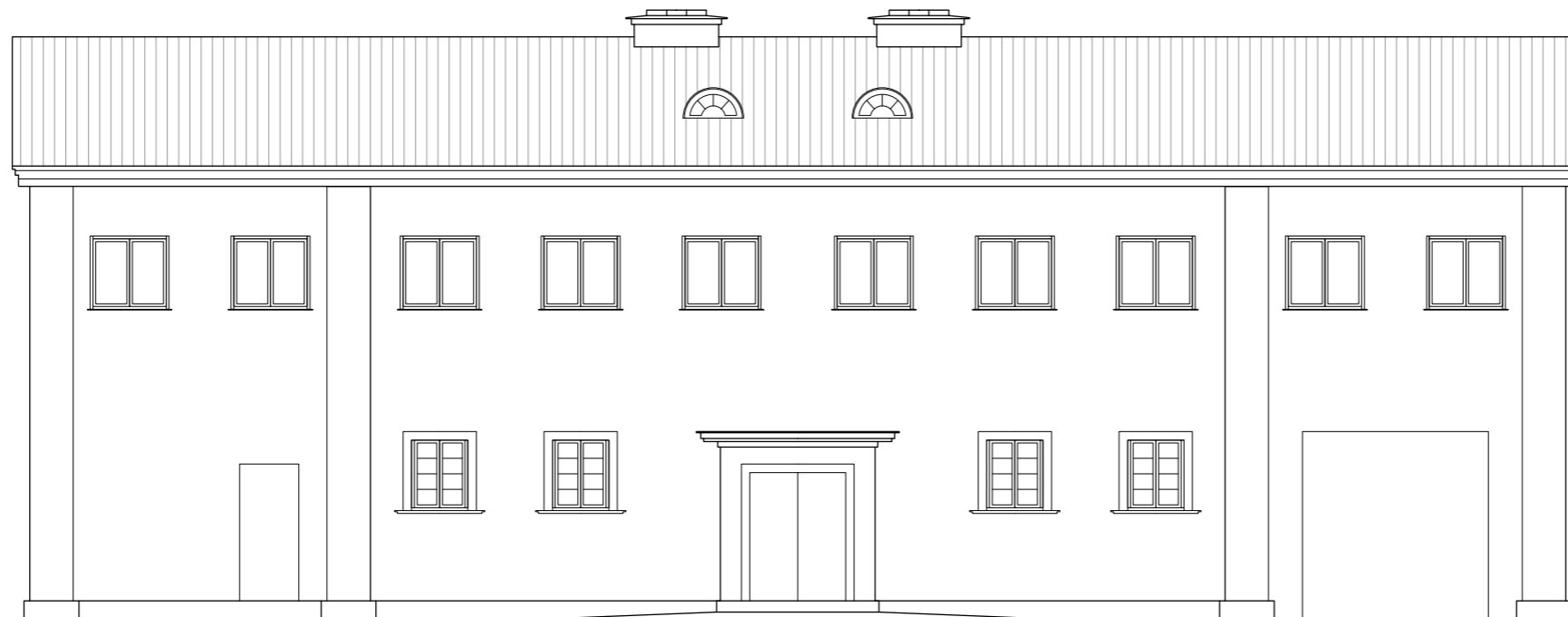
0 1 2 3m



**sauna**

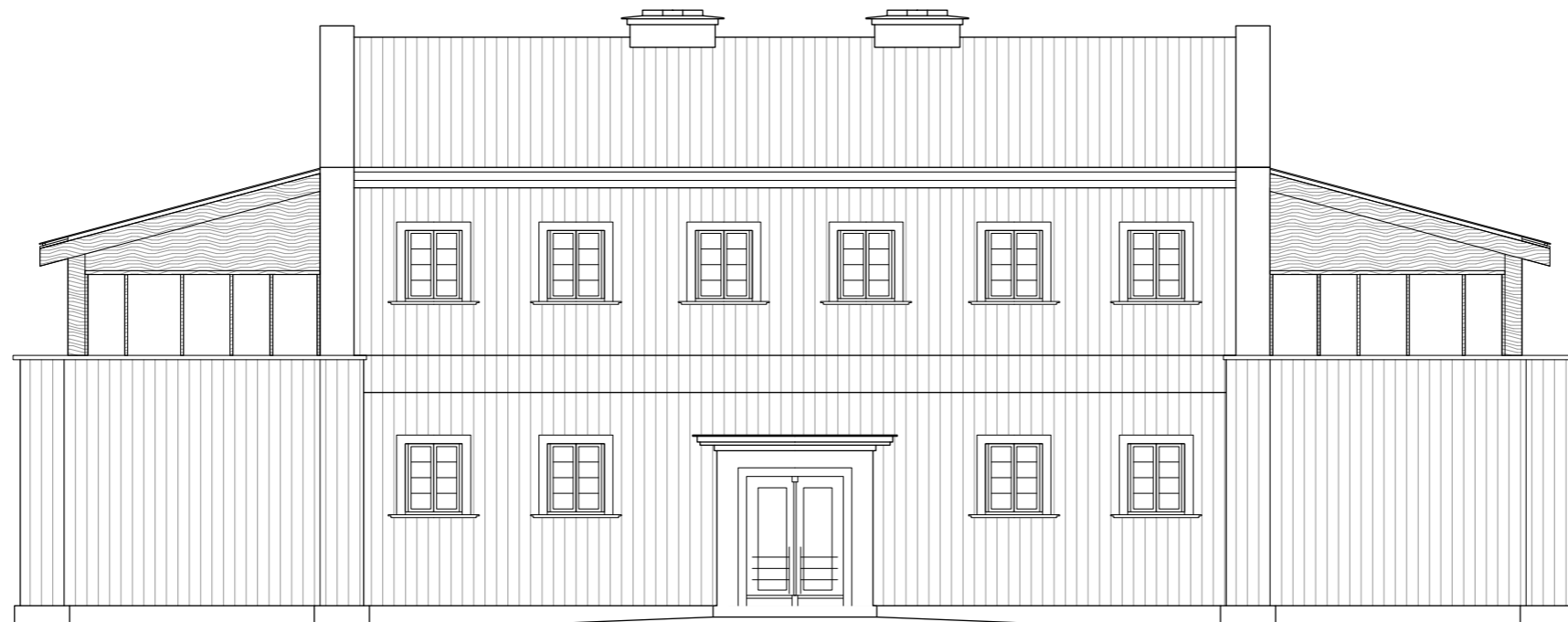
original facade





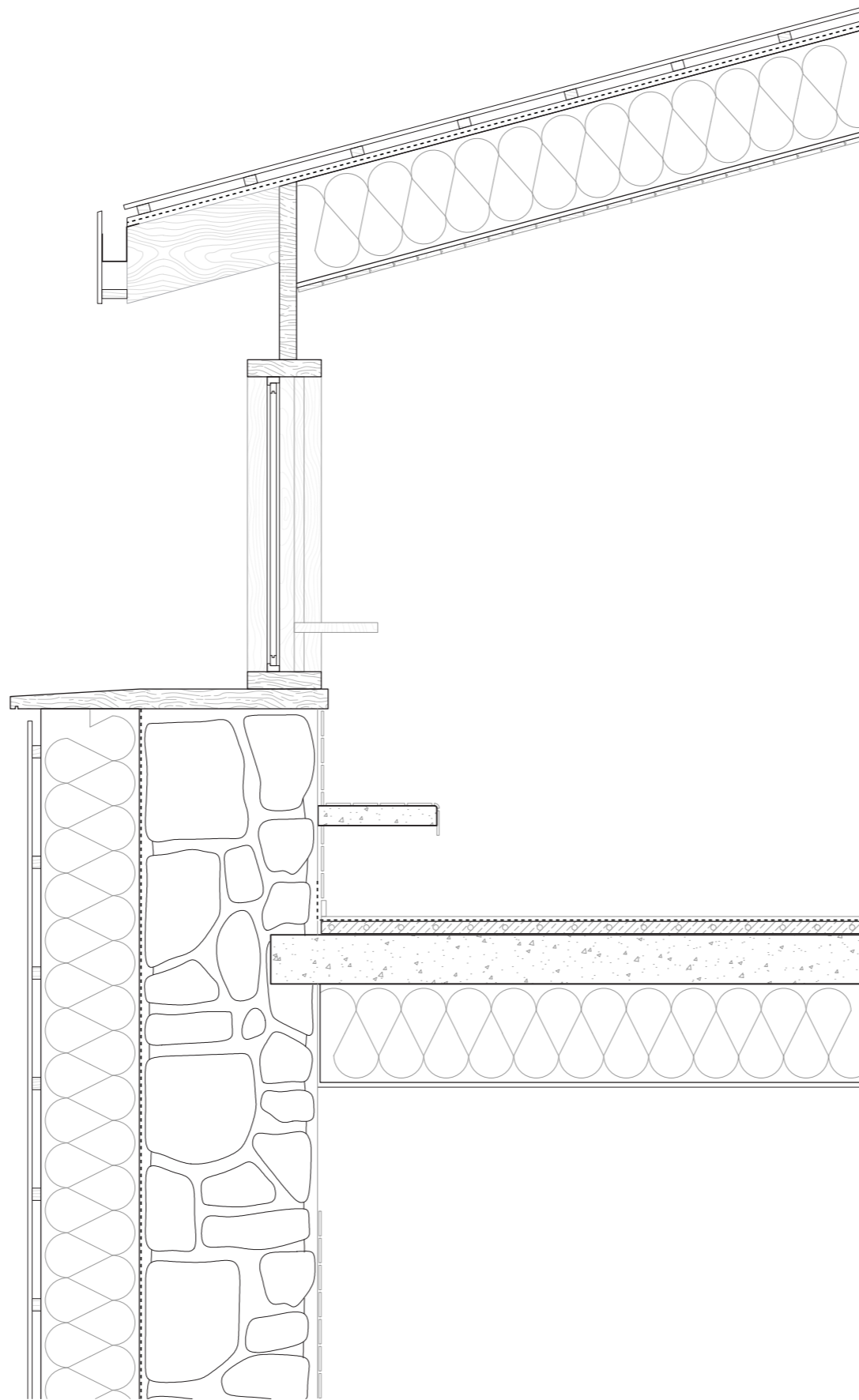
**sauna**  
current facade





**sauna**  
proposed facade





**roof construction**

- 20mm oak boarding outer face charred
- 36/50mm battens
- 36/50 counter-battens
- diffusion open sub-roof membrane
- 18mm plywood panel
- 275/75mm glulam timber beams
- lime hemp insulation
- 25mm timber sheating

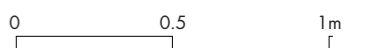
**facade construction**

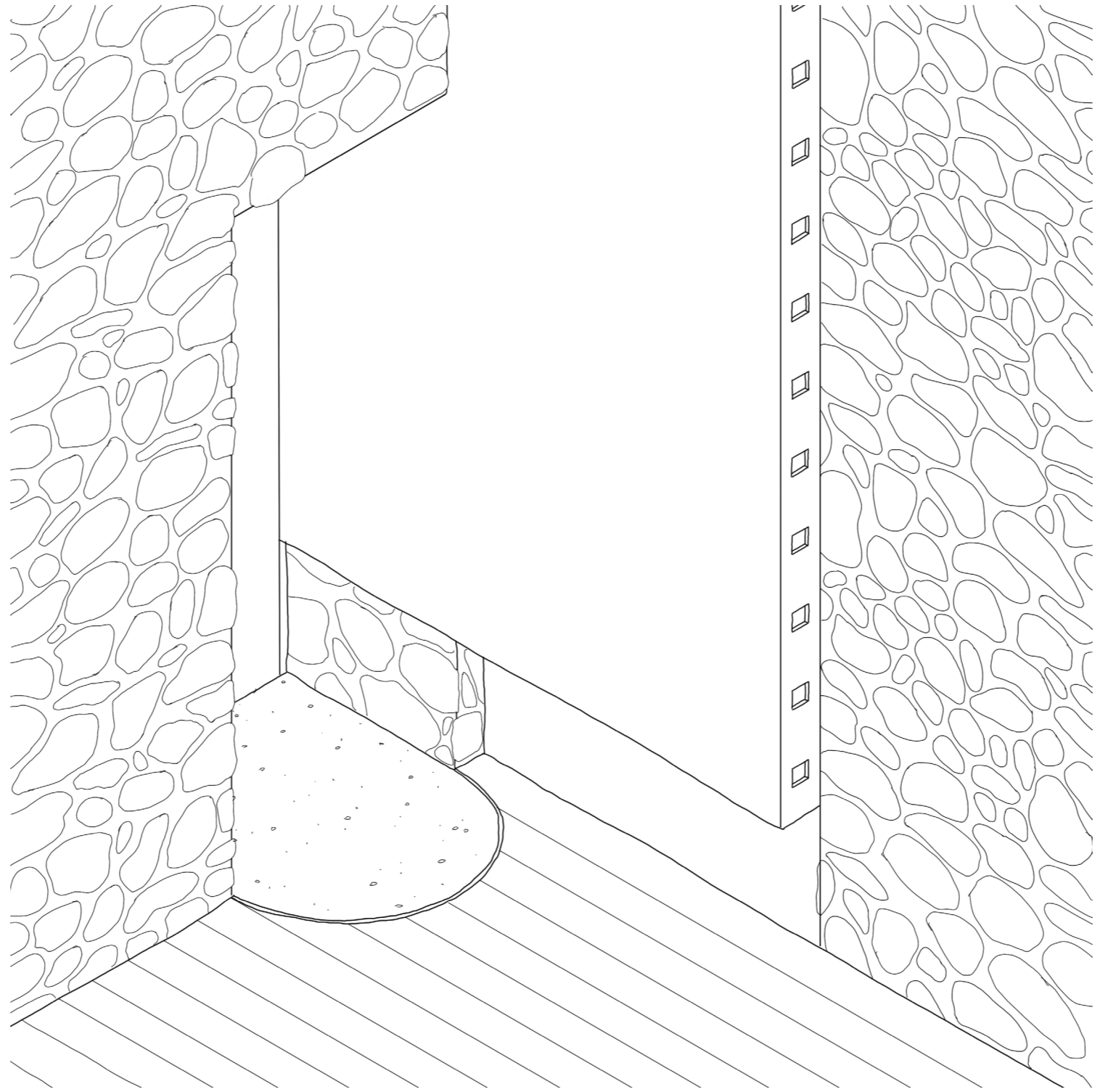
- 20mm oak boarding outer face charred
- 36/50mm battens
- 36/50 counter-battens
- 18mm plywood panel
- lime hemp insulation
- fluid applied vapor permeable weather resistive barrier
- lime cement parging
- existng stone wall

**floor construction**

- 20 mm terrazzo flooring
- 35mm jupiter ideal eco floor heating existing slab
- lime hemp insulation
- 18mm plywood panel
- 25mm timber sheating

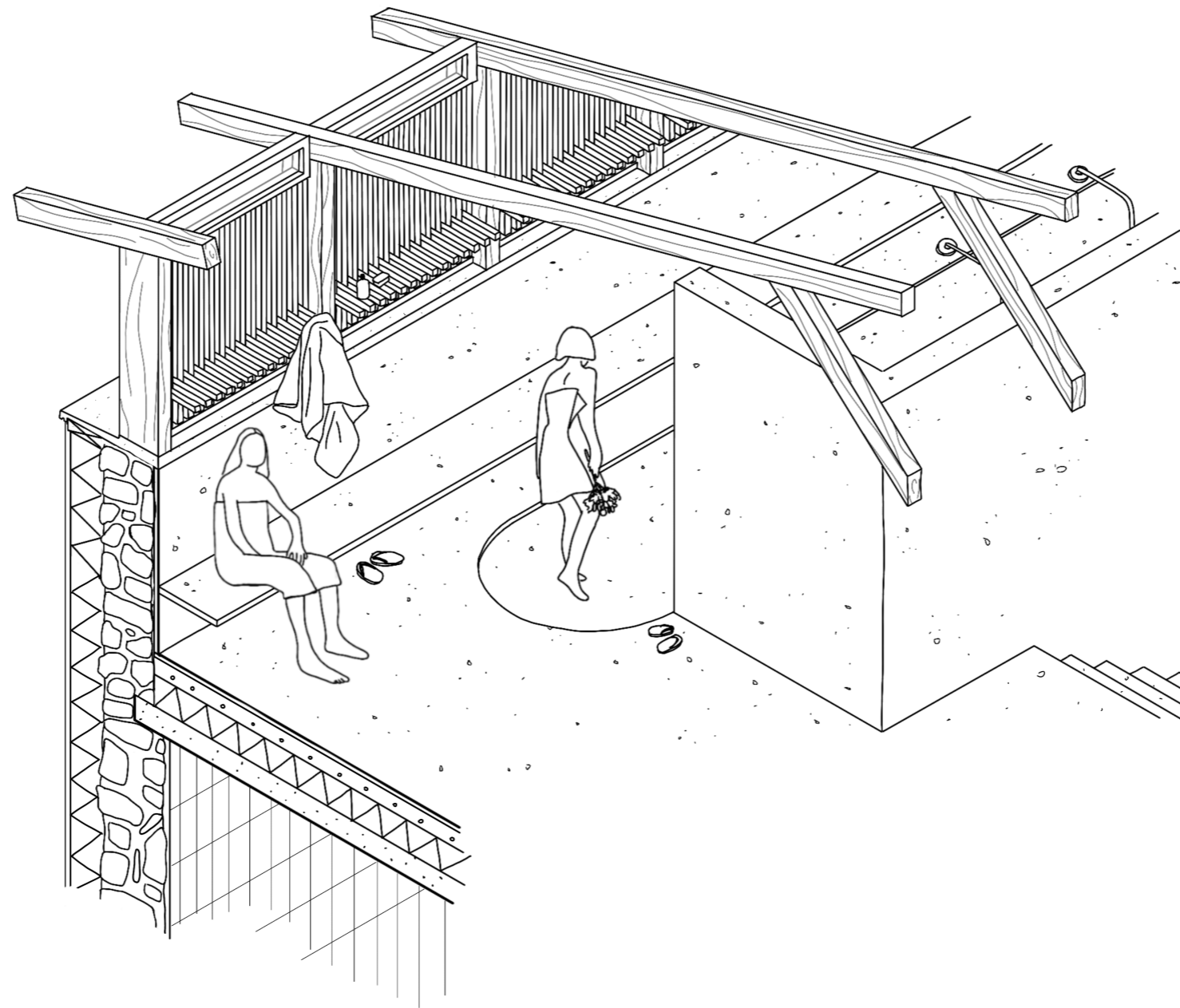
**sauna**  
detail













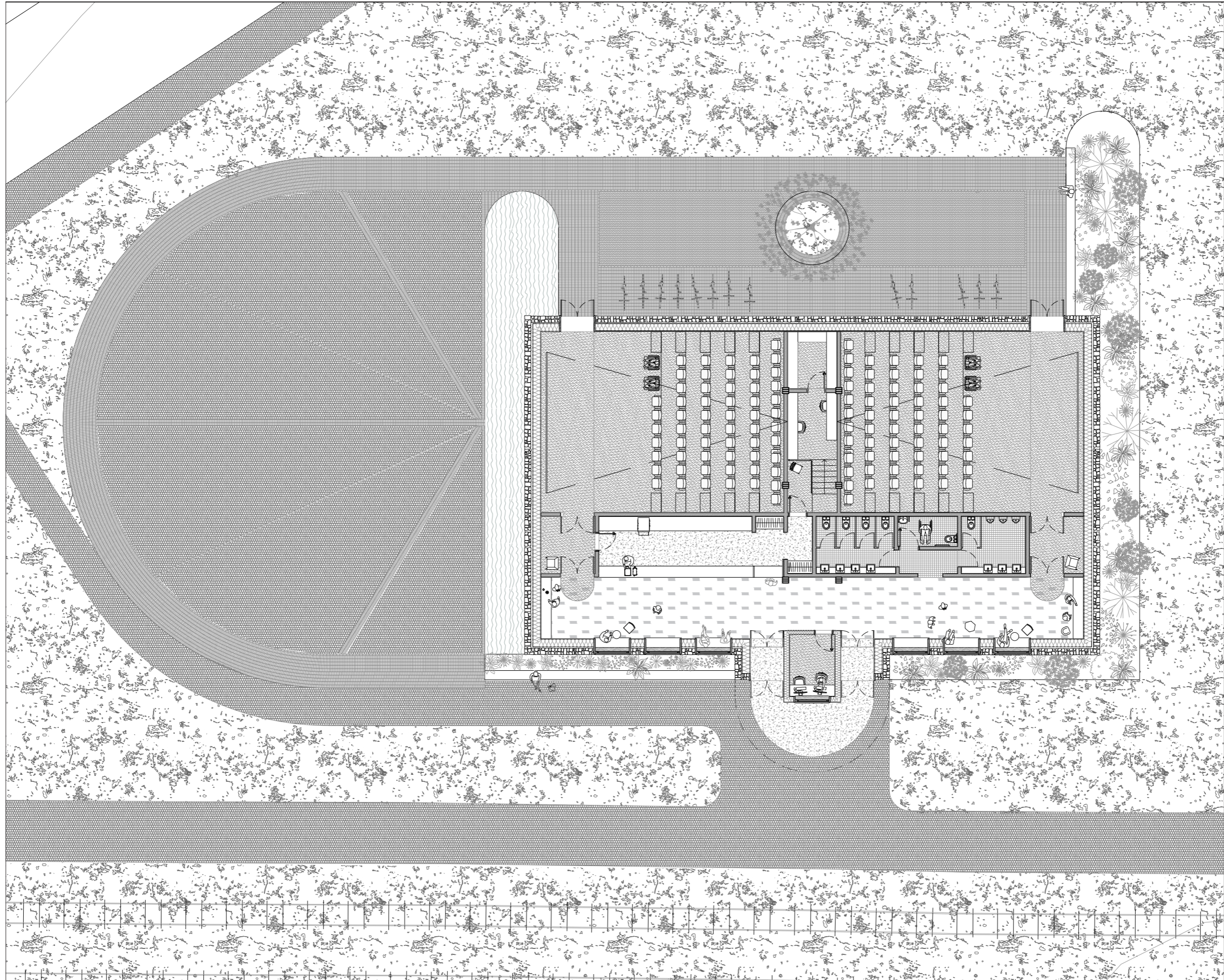
*detail model*

1:10





*cinema*

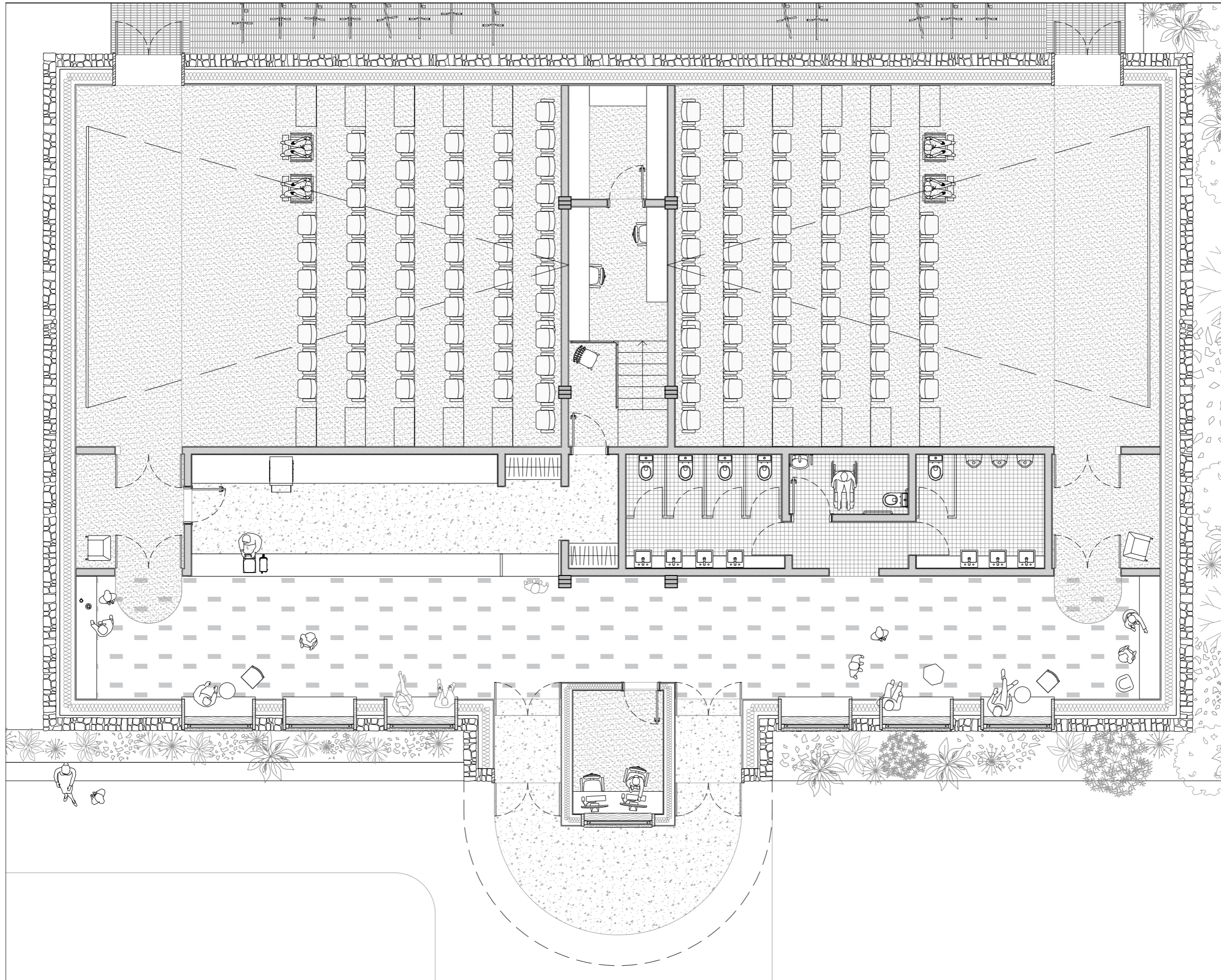


**cinema**

floor plan | surroundings



0 2 4 6m



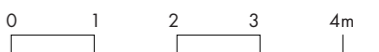
**cinema**  
floor plan | ground floor

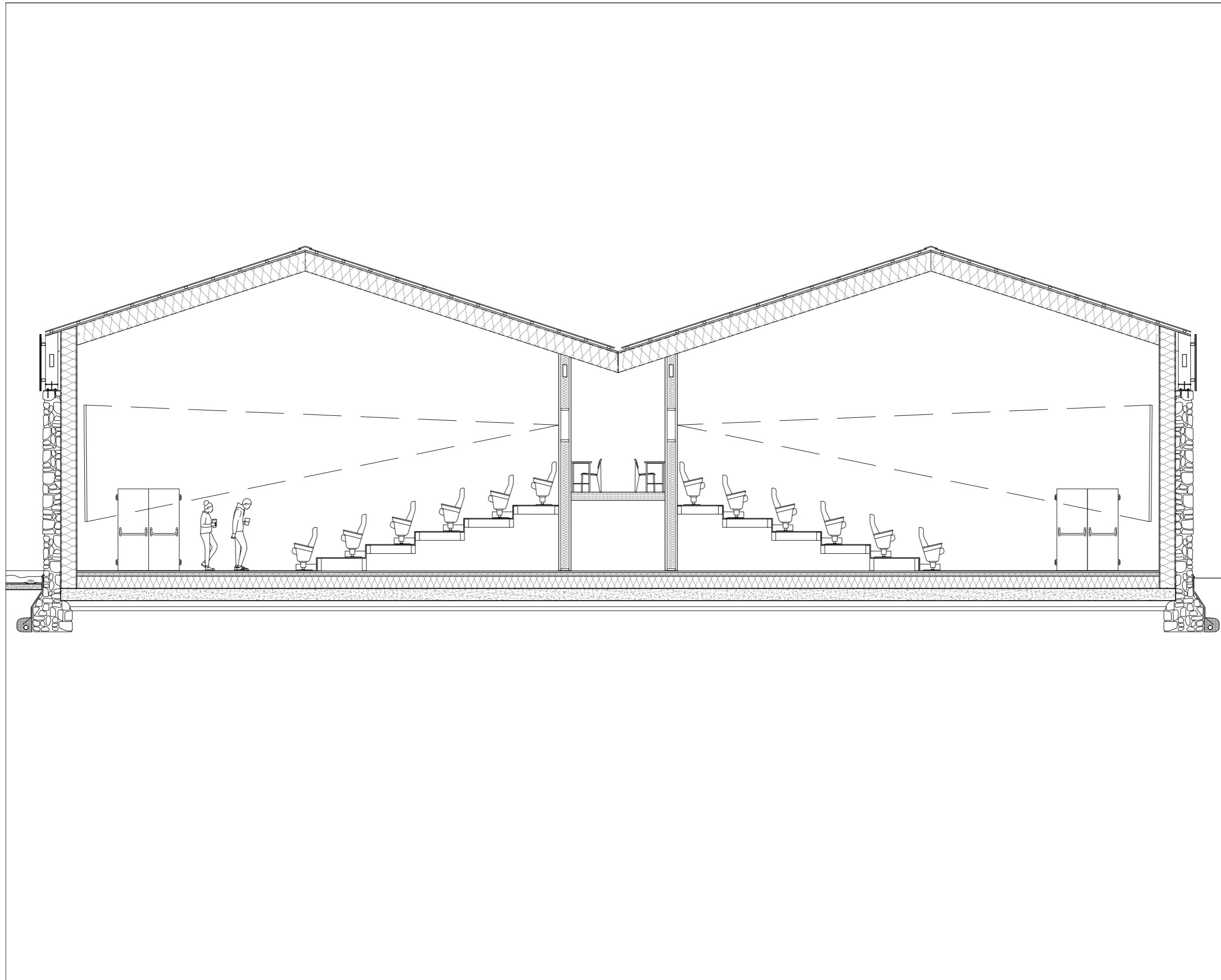


0 1 2 3 4m

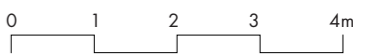


**cinema**  
facade

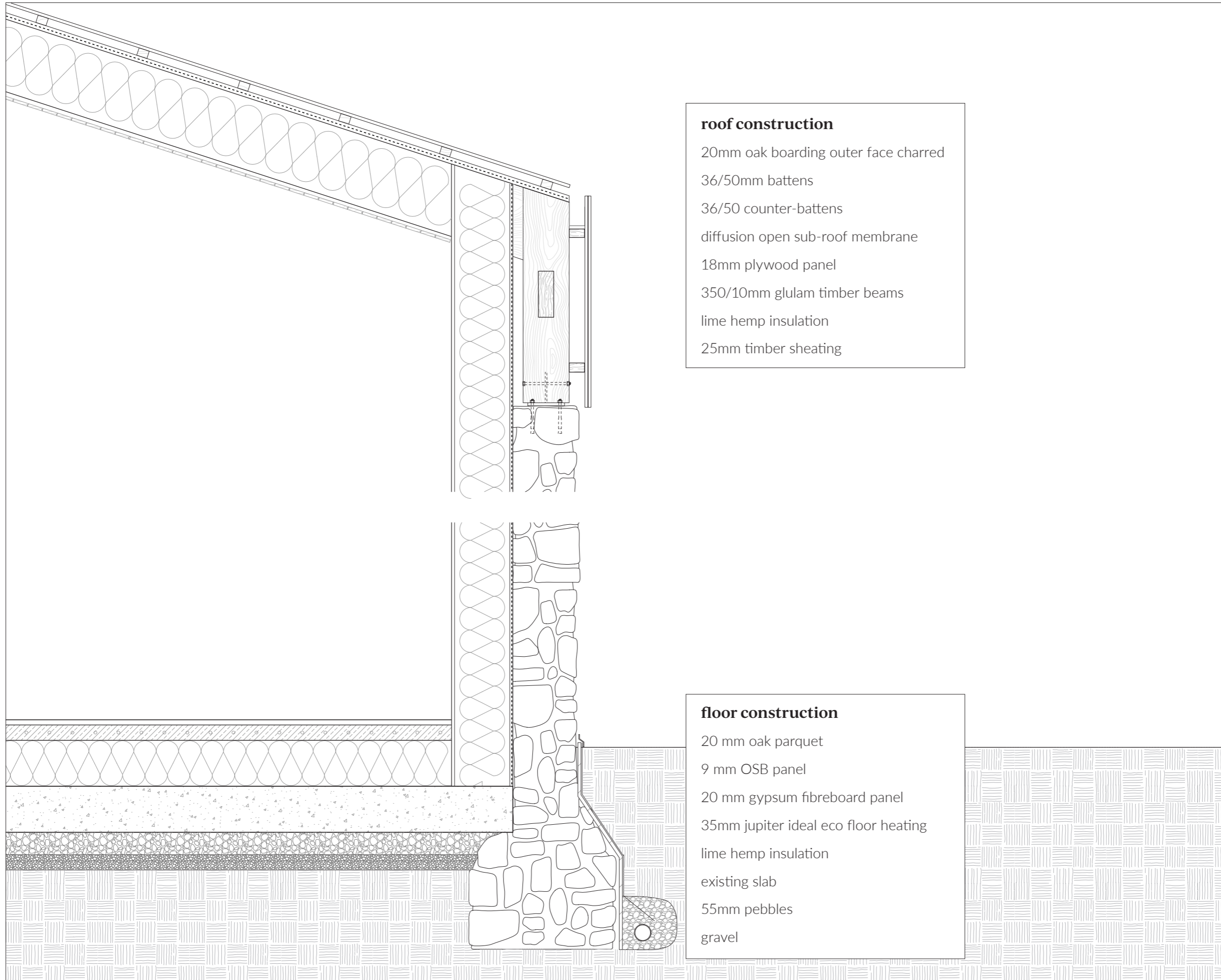




**cinema**  
cross section







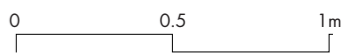
**roof construction**

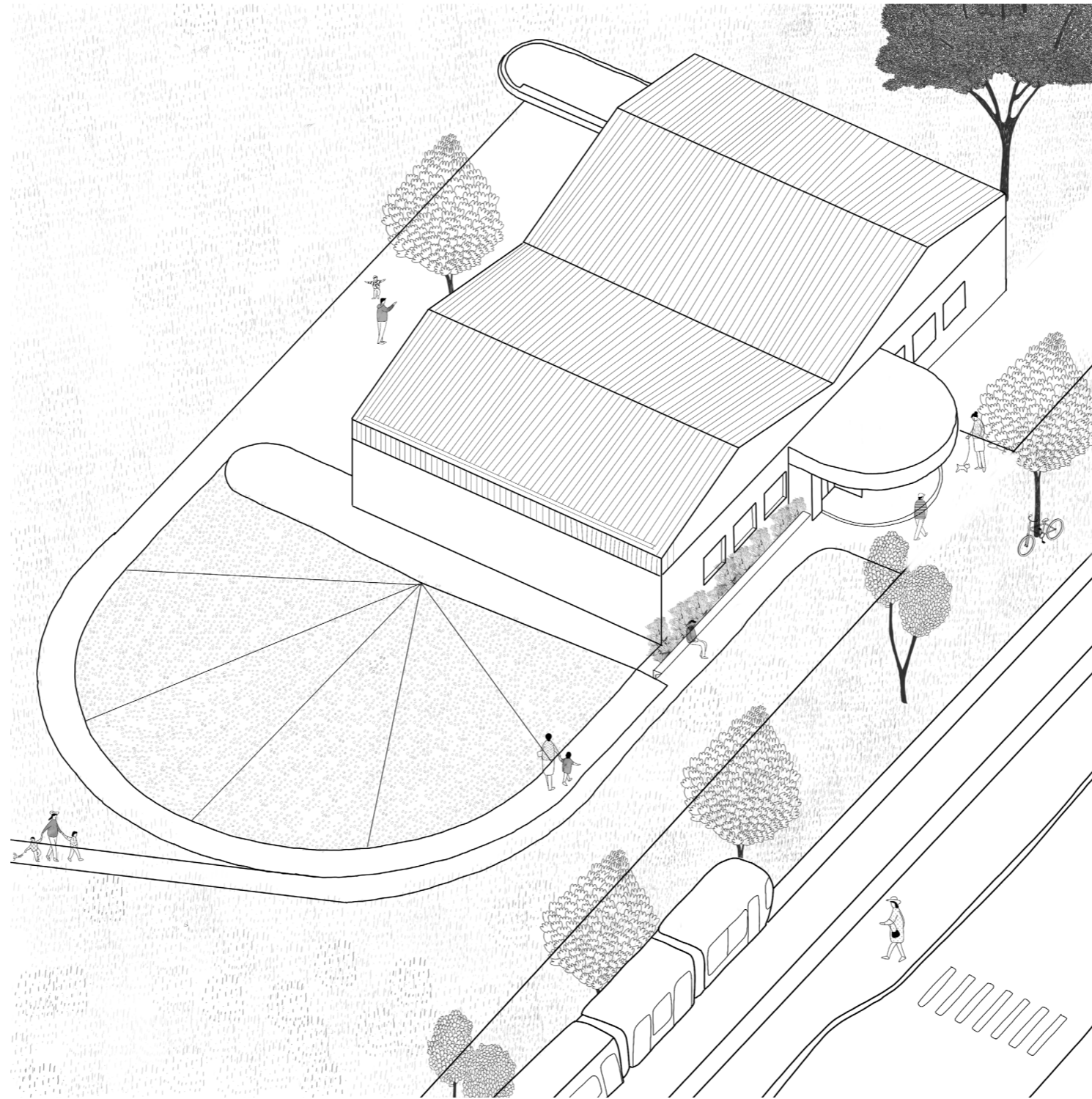
- 20mm oak boarding outer face charred
- 36/50mm battens
- 36/50 counter-battens
- diffusion open sub-roof membrane
- 18mm plywood panel
- 350/10mm glulam timber beams
- lime hemp insulation
- 25mm timber sheathing

**floor construction**

- 20 mm oak parquet
- 9 mm OSB panel
- 20 mm gypsum fibreboard panel
- 35mm jupiter ideal eco floor heating
- lime hemp insulation
- existing slab
- 55mm pebbles
- gravel

*cinema*  
detail







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