

Reimagining Skäne Bastion

The stage of being



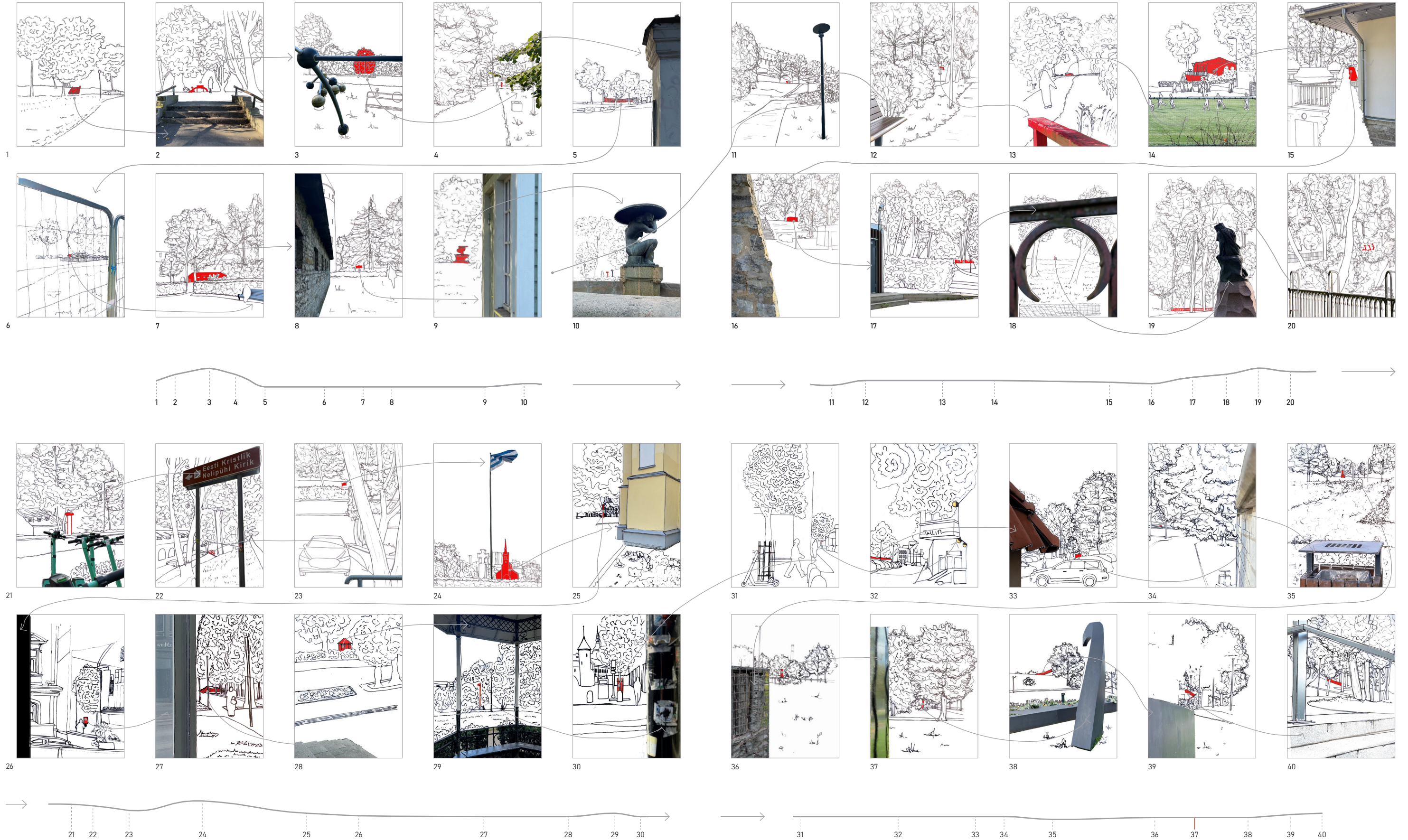
Methods & Analysis
A matter of scale

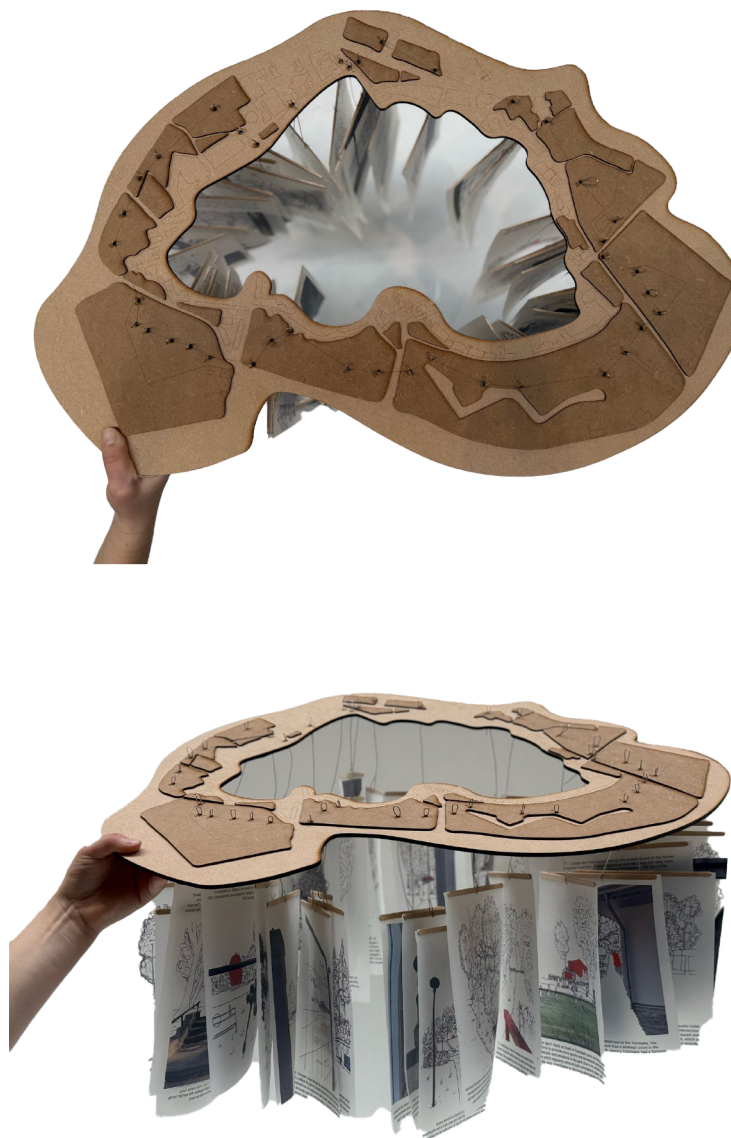




Border between the Green Belt and the Old Town







Model green belt
Made by Katrīna Stražinska and Kira Zeinstra







Playgrounds in Estonian cities are often designed more for toddlers, and for the primary school children who participated in the survey, they were already a bit 'tithekas'. But at the same time, it did not seem to them that other places, including skate parks, ball fields, youth centres, were also for them.

- *Järv et al. (2020)*

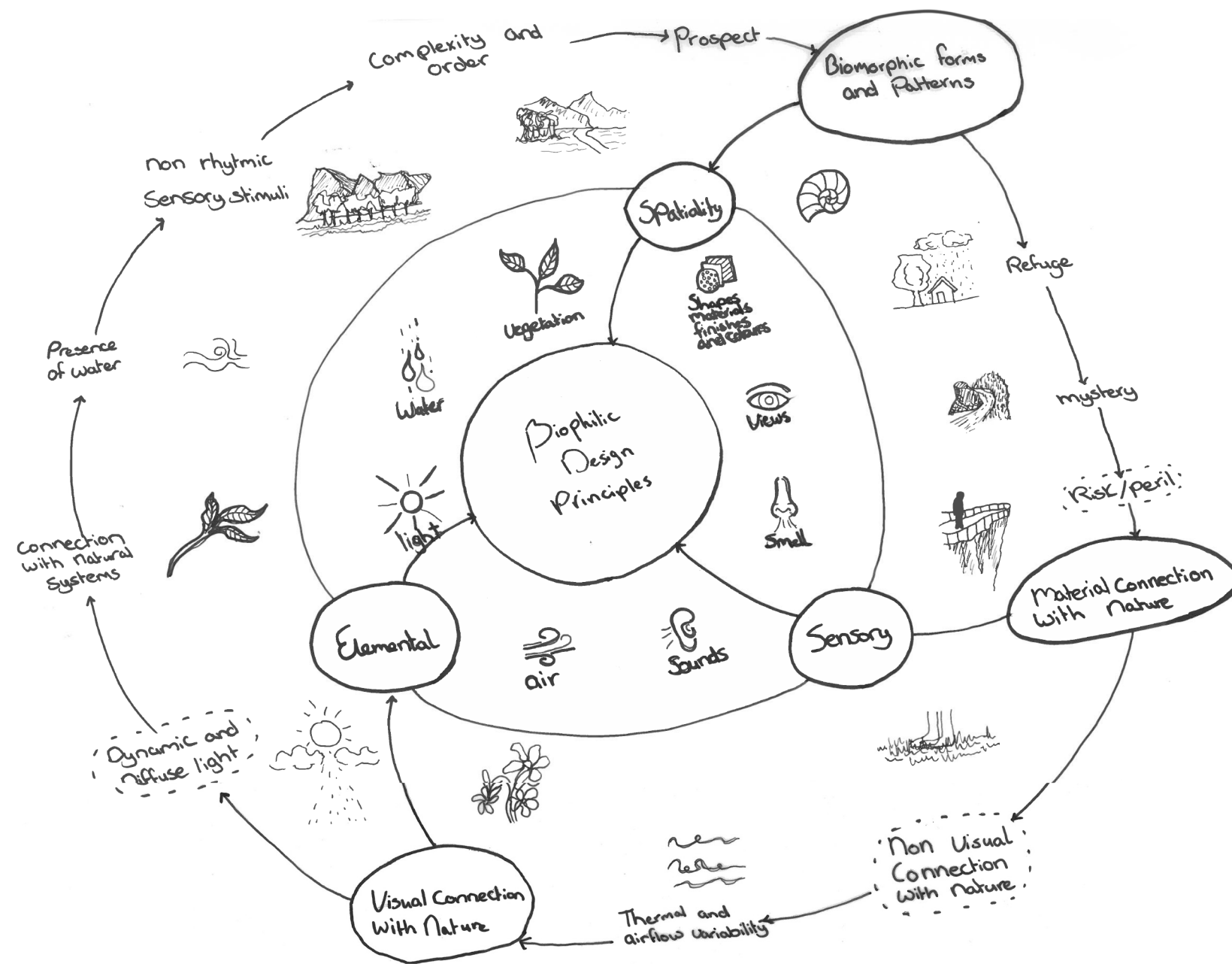


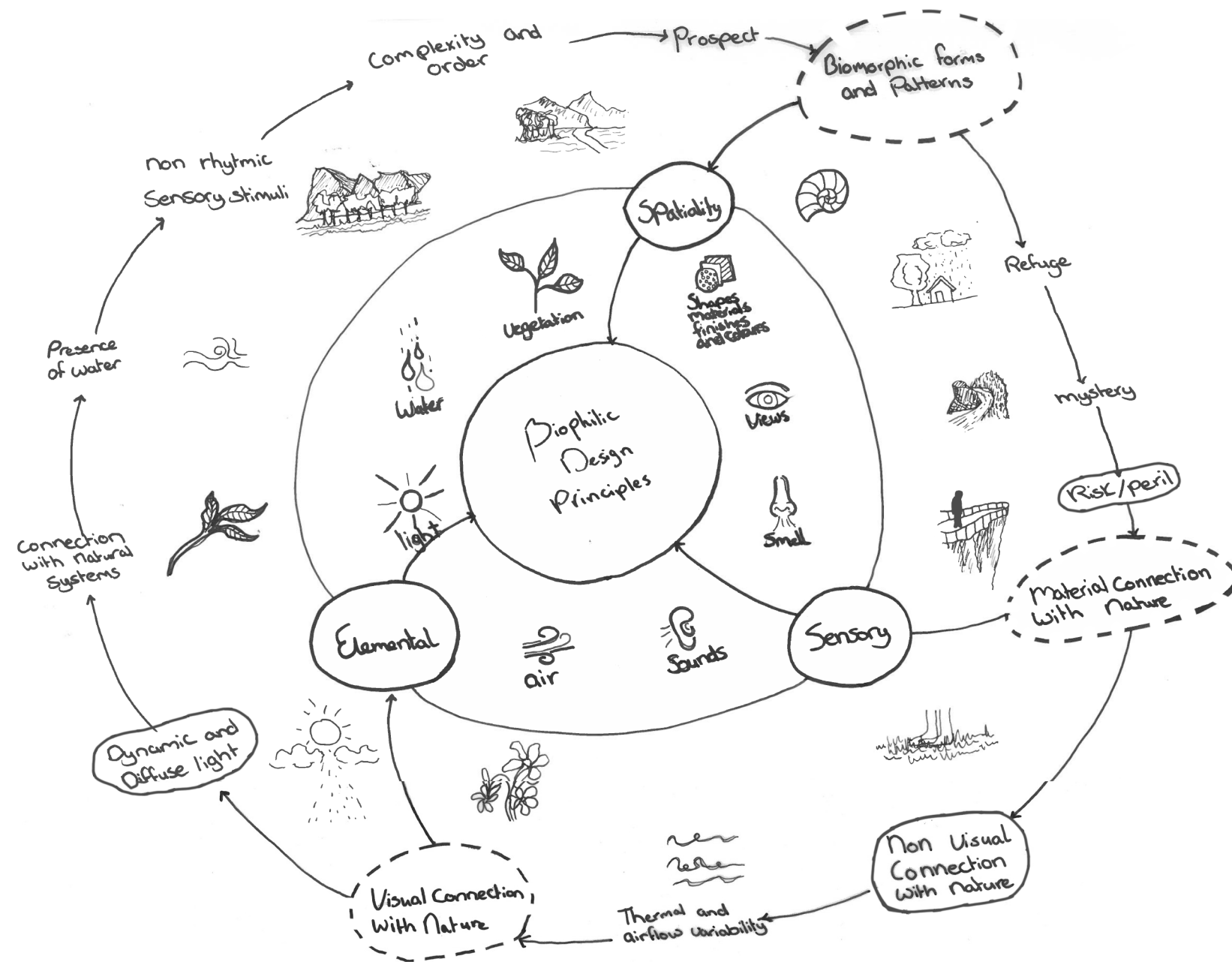
Tree located on top of the hill of Skåne bastion

“Engaging in experiential play, exploration and early learning while in constant interaction with the natural environment offers countless advantages for children’s development. This includes bolstering physiological health, enhancing cognitive abilities and fostering greater psychological well-being.”

- *Hartwig, (2024)*

How can the theme of "human and nature coexistence" be integrated into architecture to enhance children's awareness in Tallinn, encouraging them to learn about and reconnect with this essential relationship?







Circular Sun House by Frank Lloyd Wright



Wasserkrater garden, designed by Agence Ter



“Nature is not only to be found “out there”, in unattainable wilderness areas untainted by man, but also “in here”, in the small, intimate space of the garden. Here, the space and its inhabitants can have such a close connection that they can seem to be in symbiosis, and the boundary between man and nature can dissolve. It is about the body’s immersion in the world, guided by emotions, interaction, performance, technology, experience, and the feeling that a place can evoke, augmented by sensory qualities.”

- *Saskia de Wit*

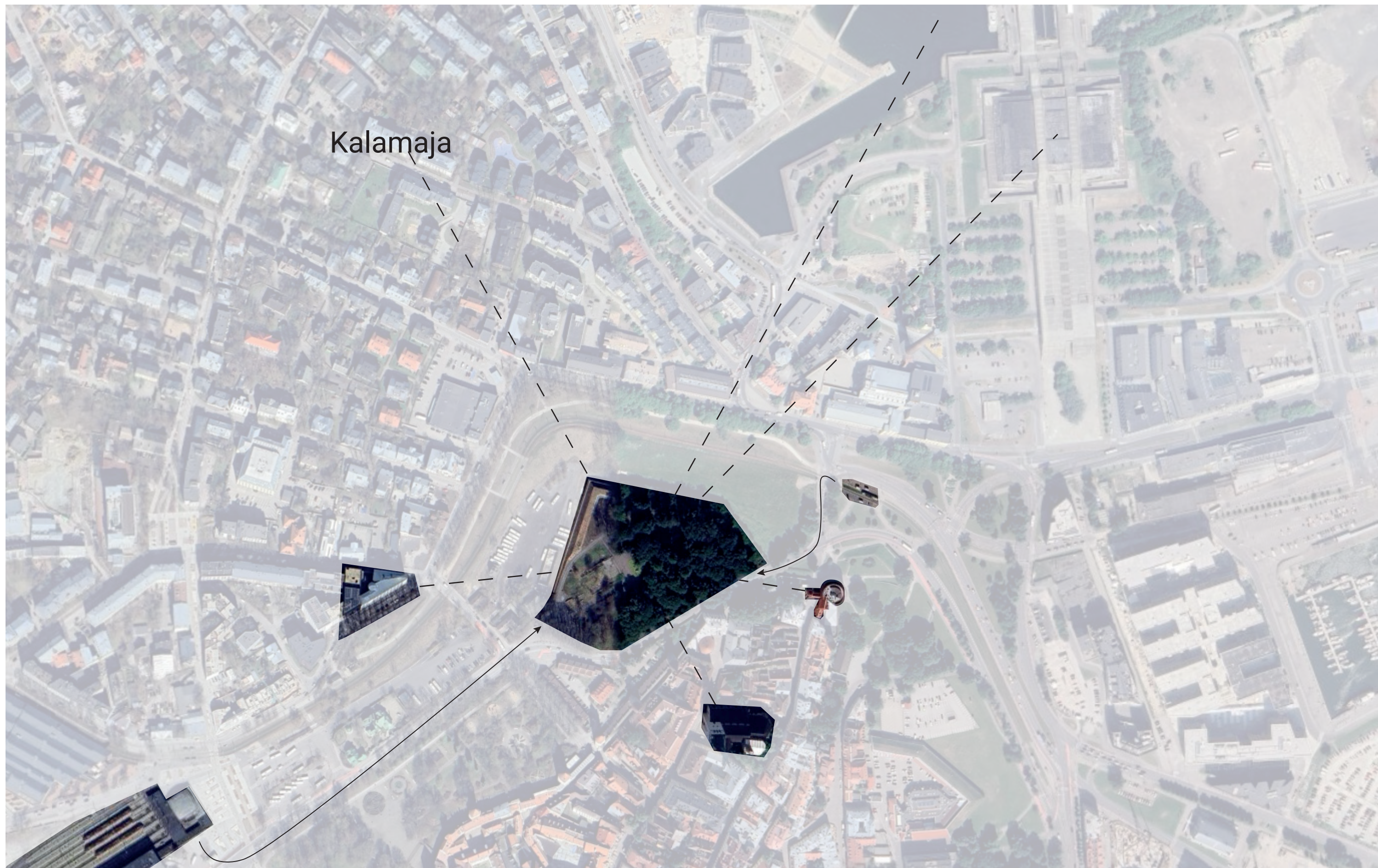


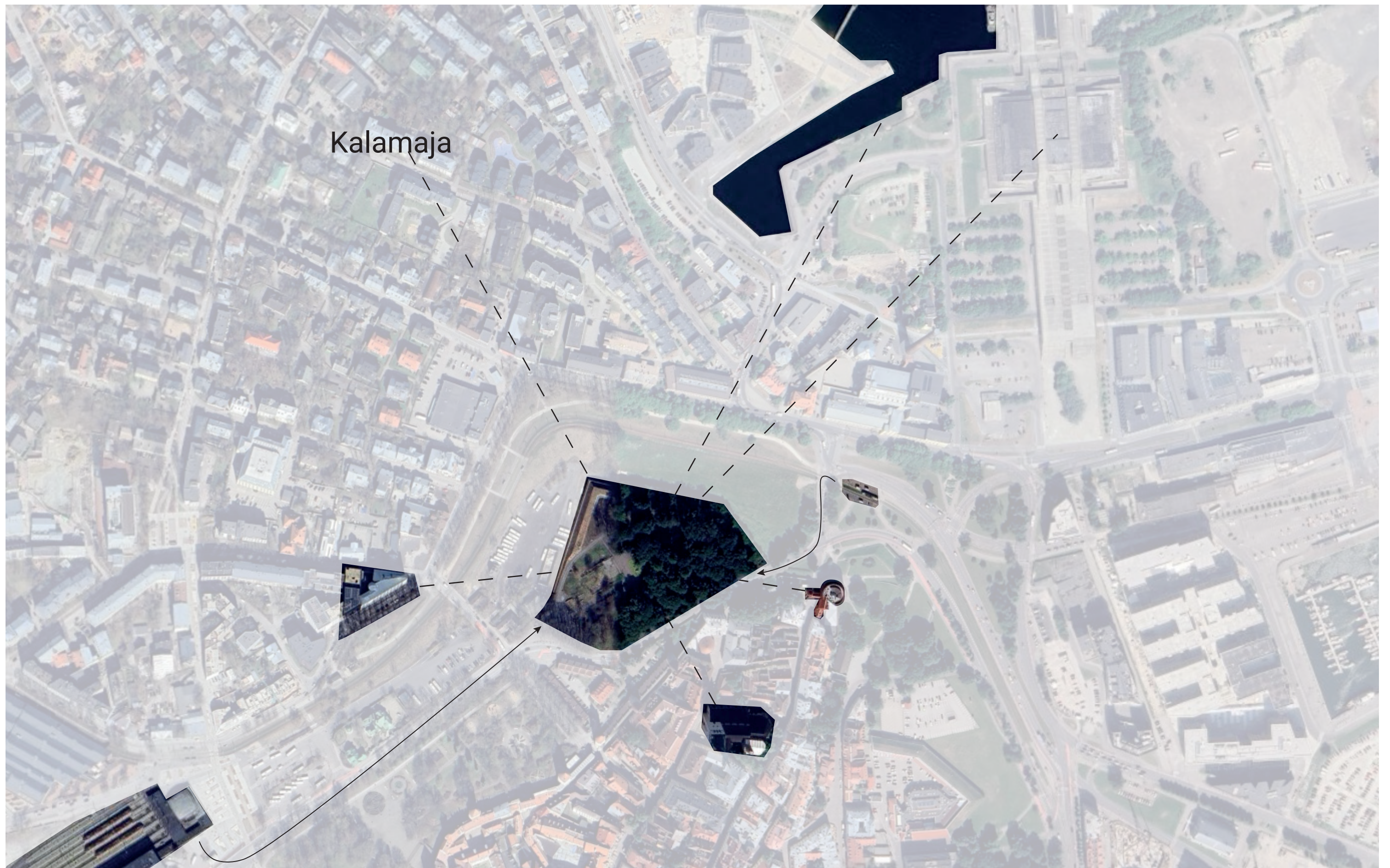


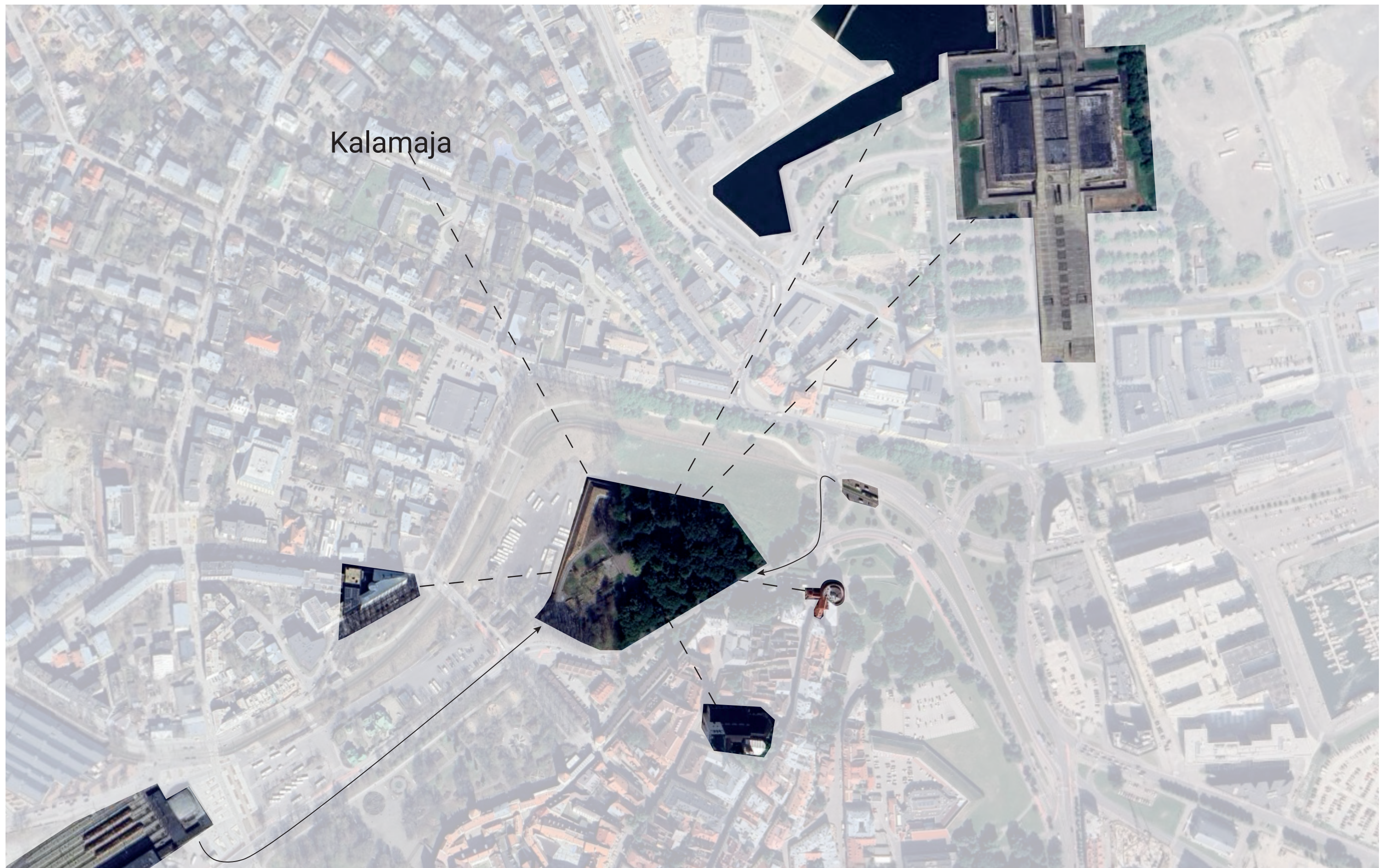










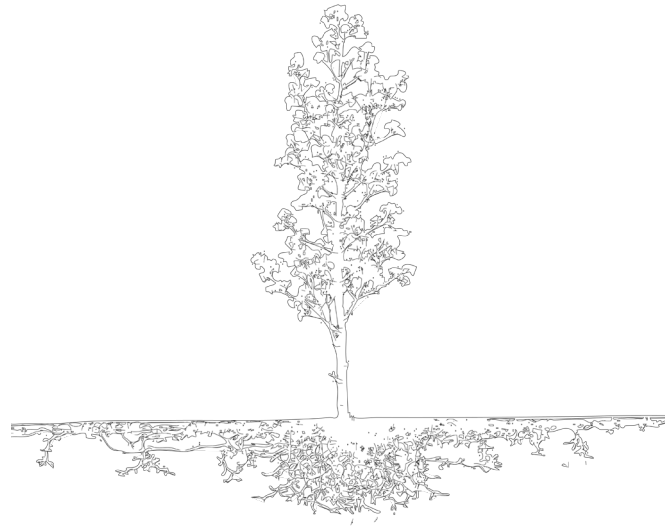


Kalamaja

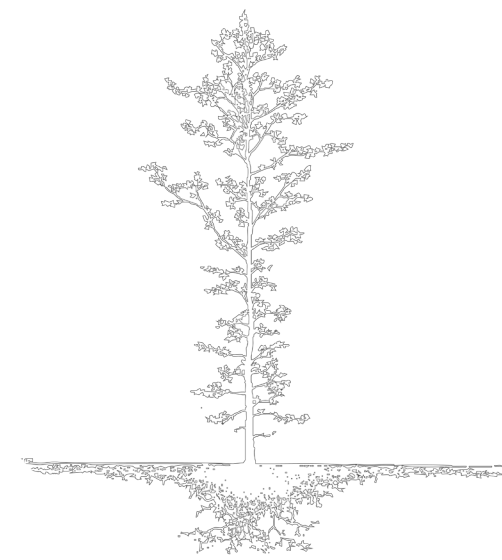
TREE : *Betula pendula* (Silver birch)



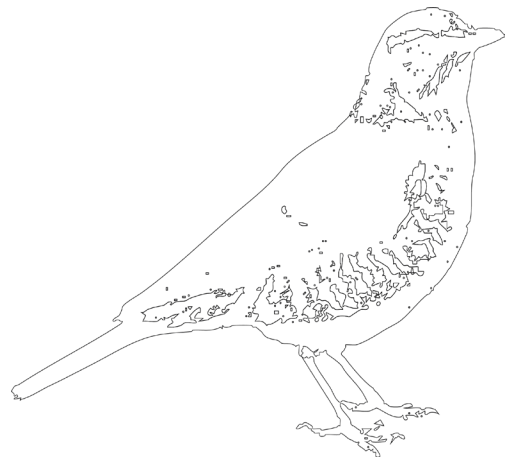
TREE : *Acer platanoides* (Norway maple)



TREE : *Tilia cordata* (Winter lime)



BIRD : *Turdus pilaris* (Fieldfare)



BIRD : *Motacilla alba* (White wagtail)



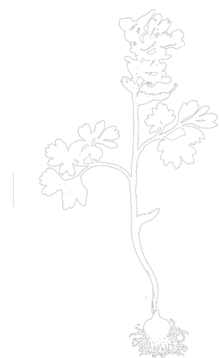
INSECT : *Cetonia aurata* (Rose Chafer)



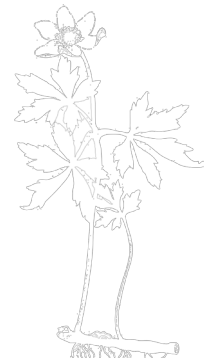
INSECT : *Apis mellifera* (Western Honeybee)



PLANT : *Corydalis solida* (Fumewort)



PLANT : *Anemone nemorosa* (Wood anemone)



PLANT : *Myosotis sylvatica* (Wood forget-me-not)





#80b184

#797a7f

#d1c3c0

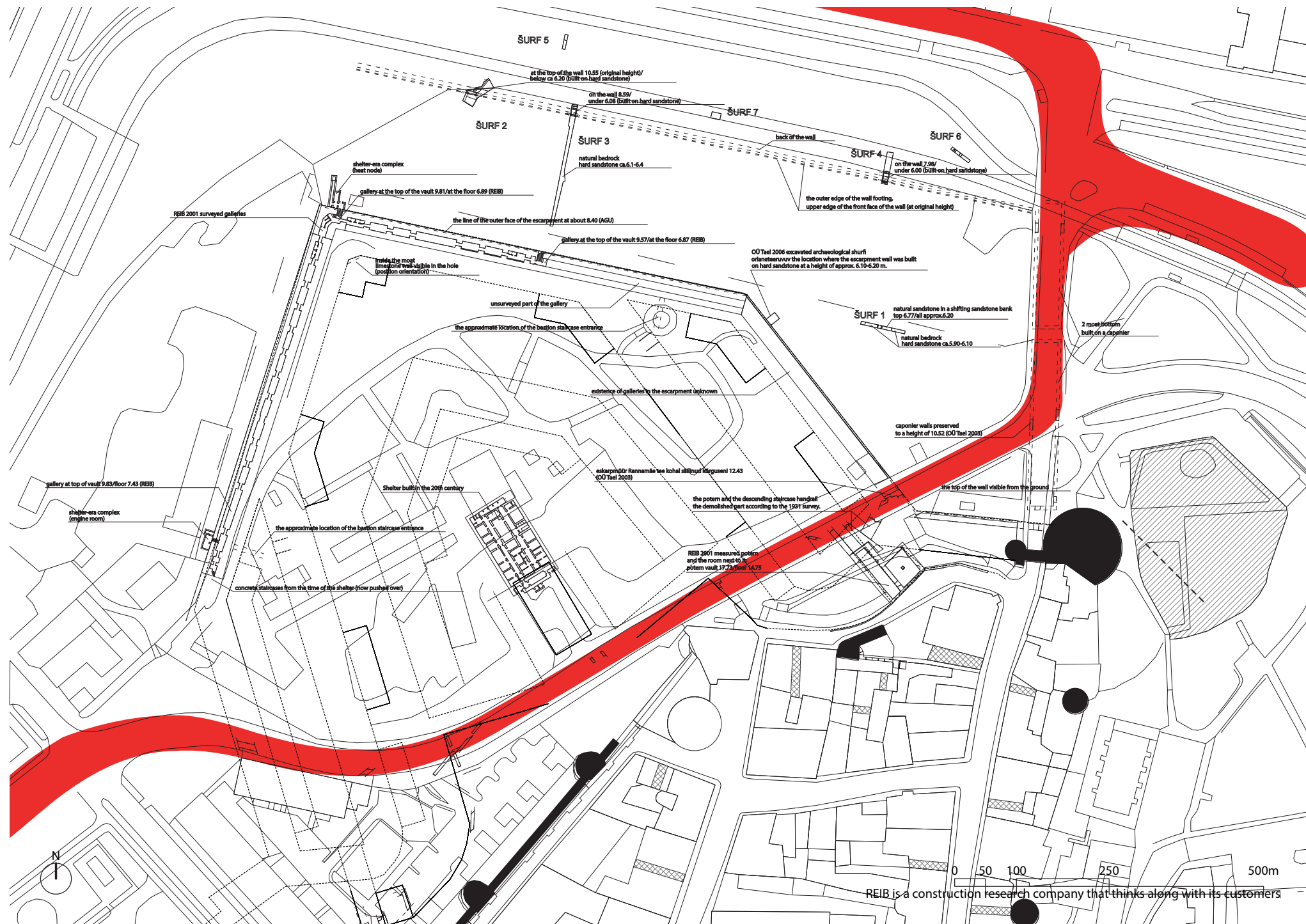
#7a3526

#4b2d2d

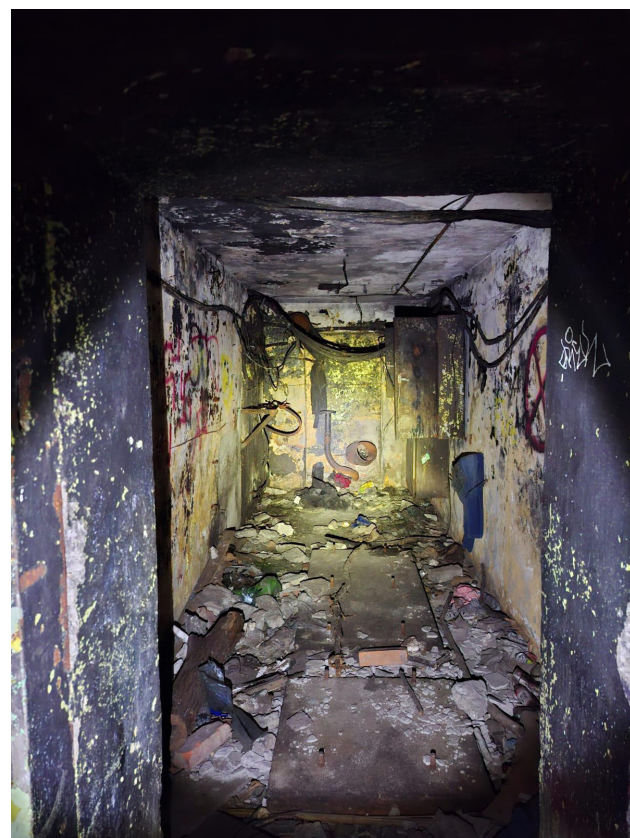
#8a5b41

Fig. 5. Test pit in front of the Skåne bastion on the outer side of the moat, in the north-eastern corner of the investigated plot. Former sea-shore with granite stones, in profile upon it a thin black cultural layer and the layer of clayish 'bricks' which formed the surface of the covered way.

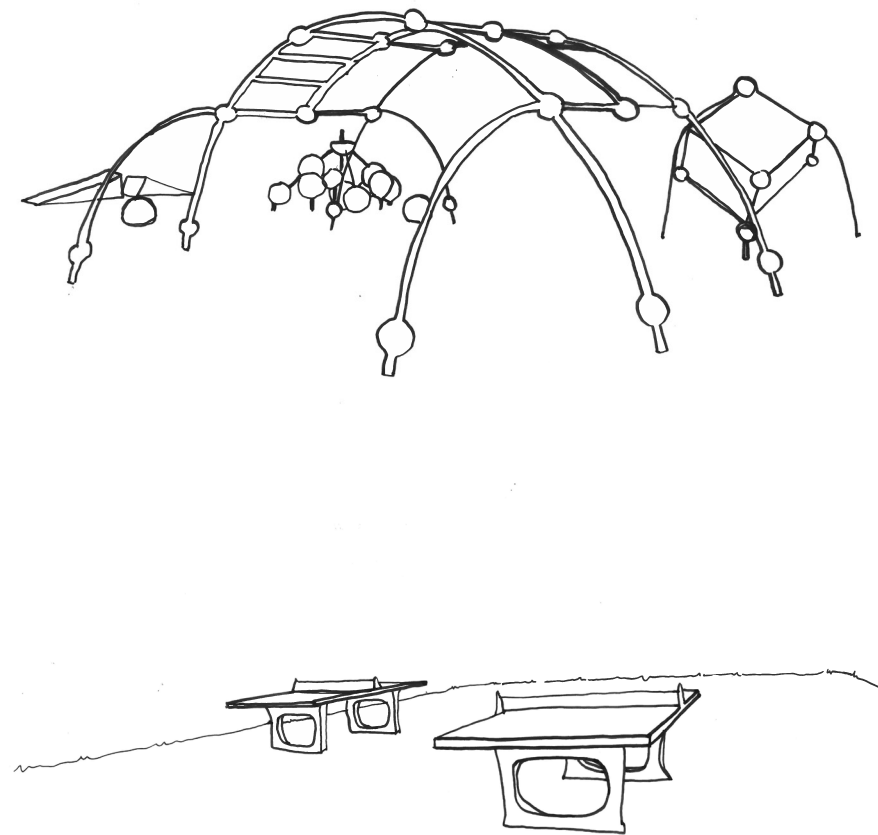
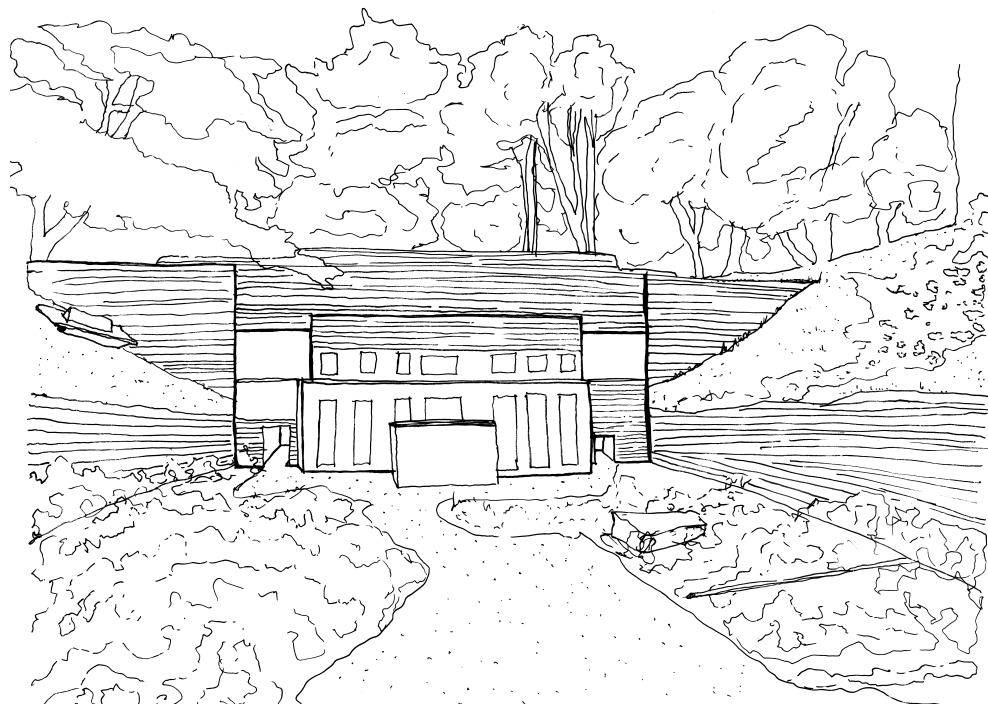
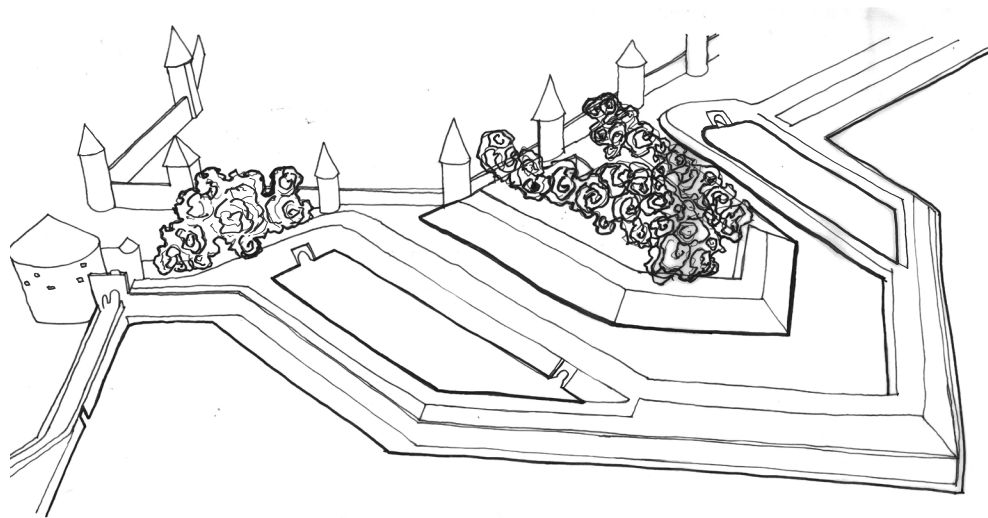






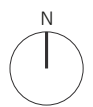
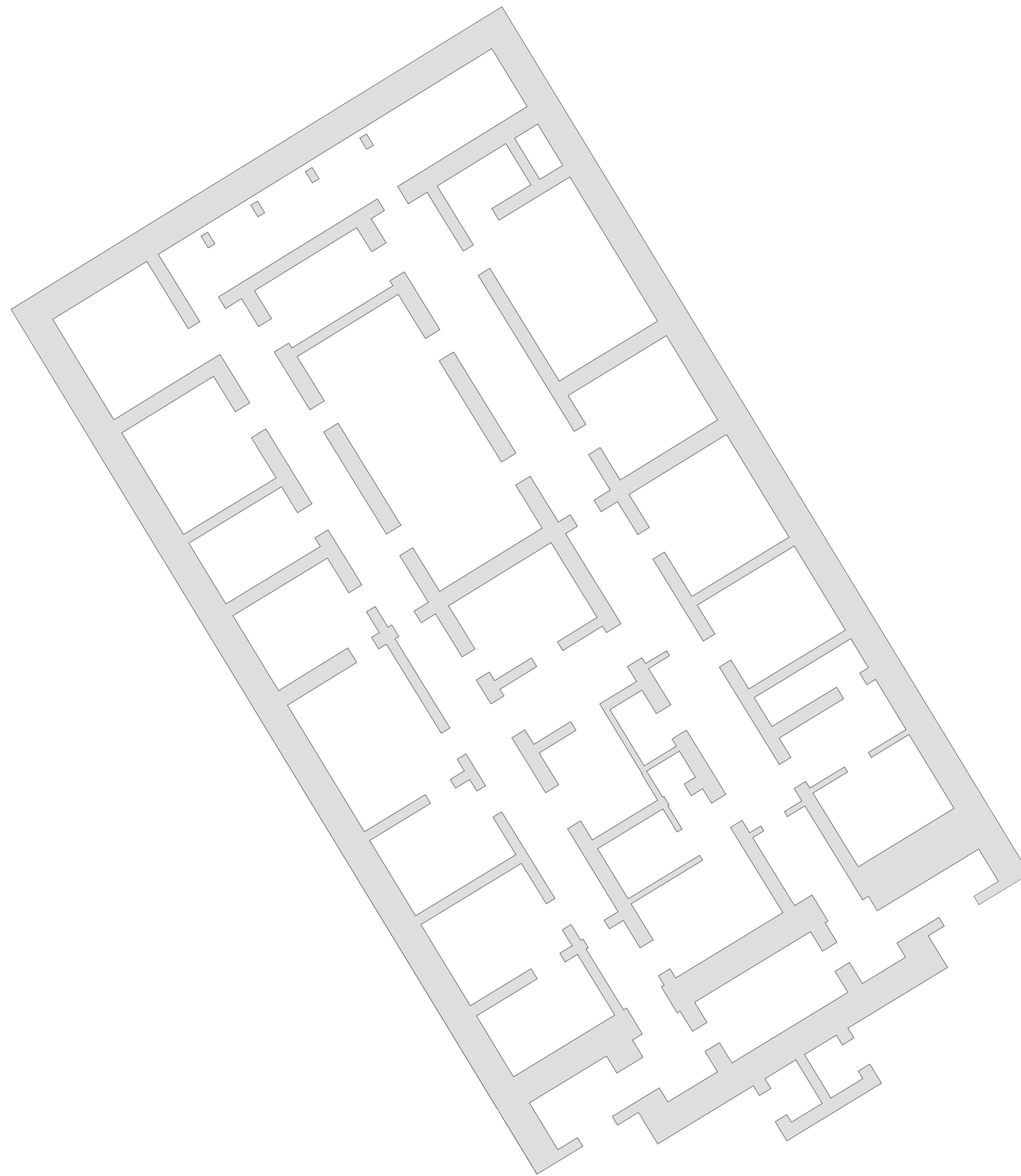


From battlefields to playgrounds....



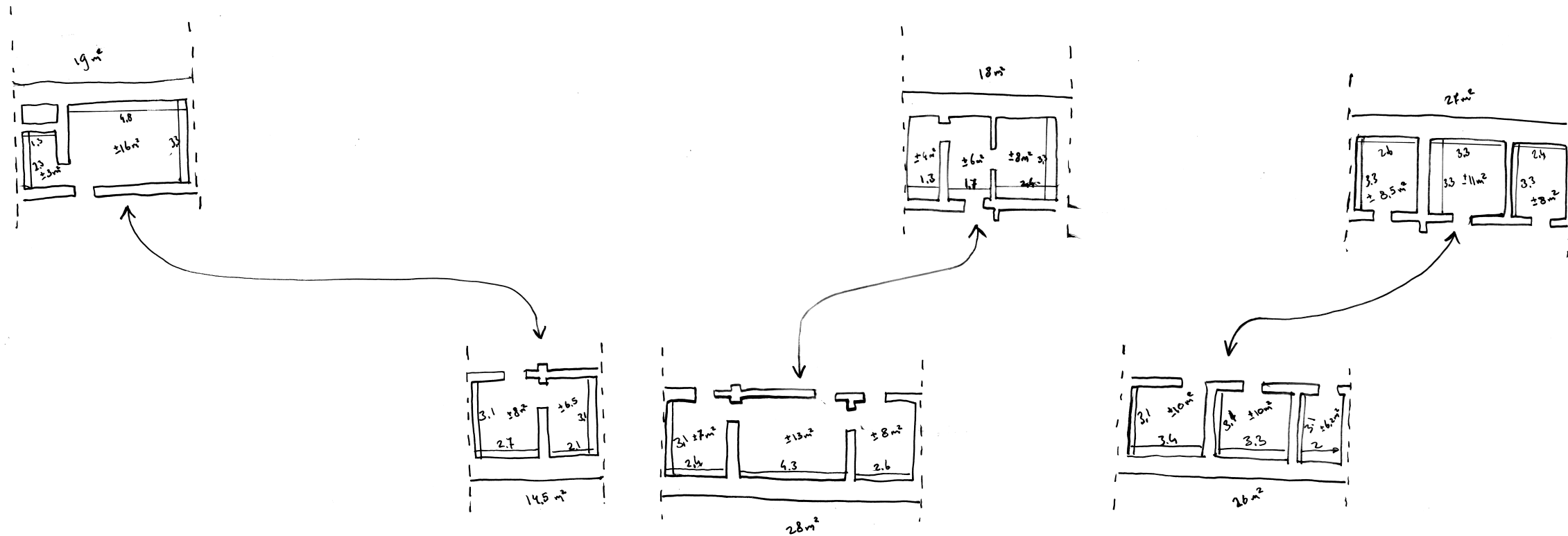


Excisting bunker



Scale 1:100

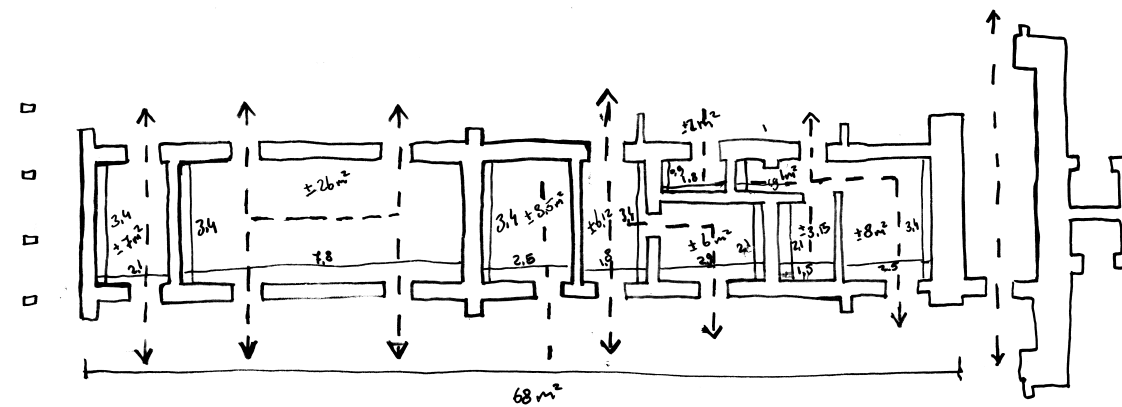
Methods & Analysis
A matter of scale



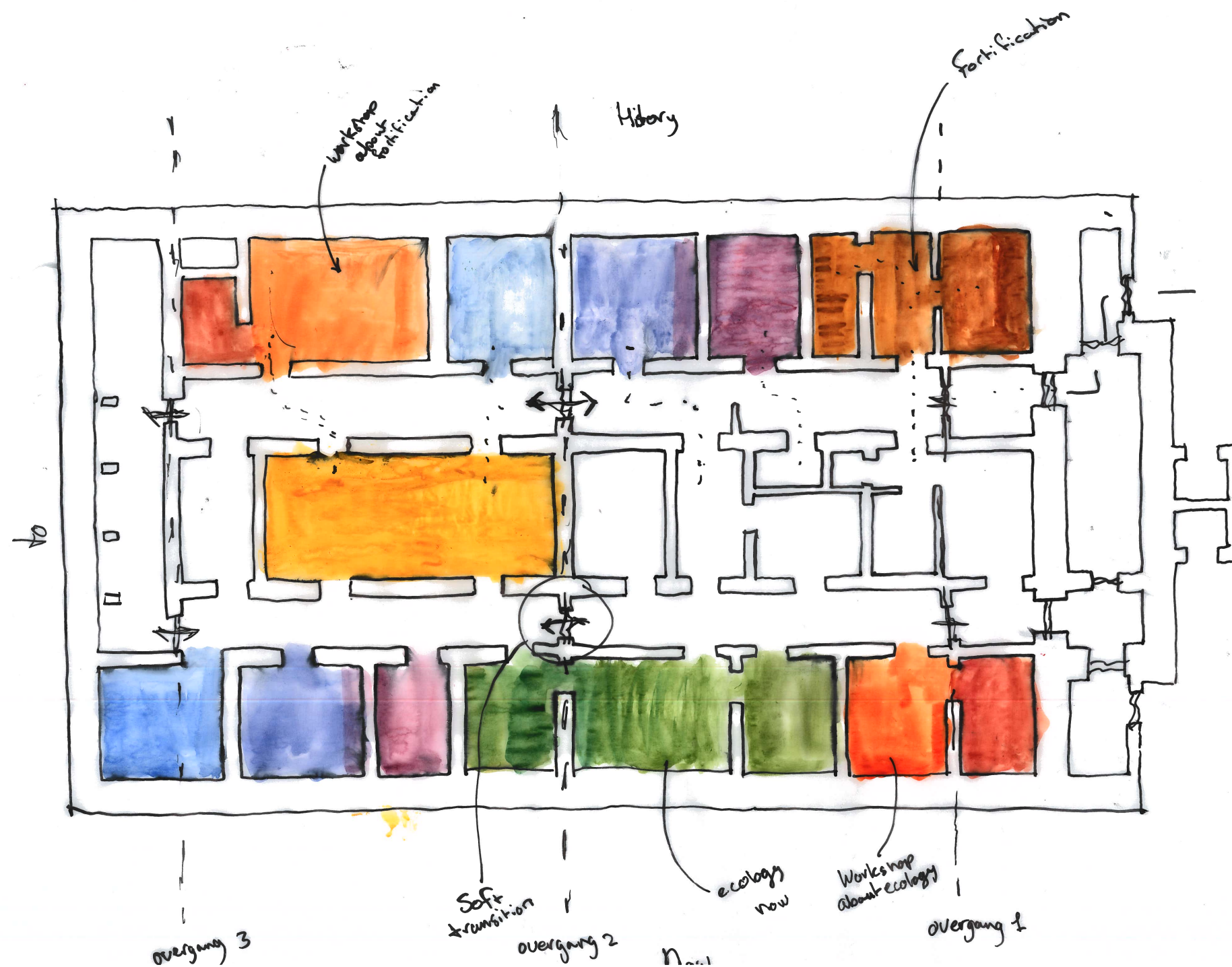
2

1

3

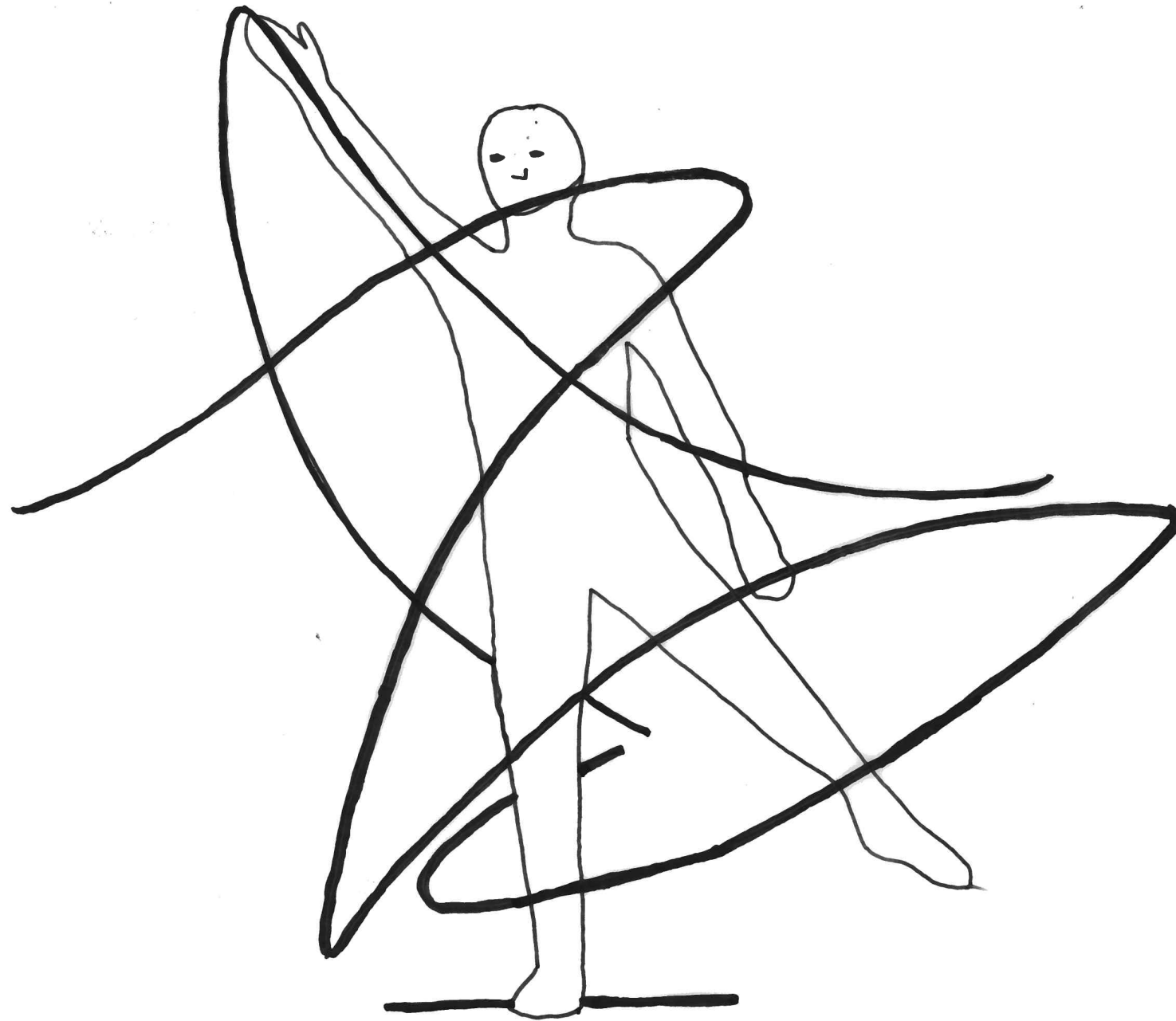


Step in the life of....











Rammed earth



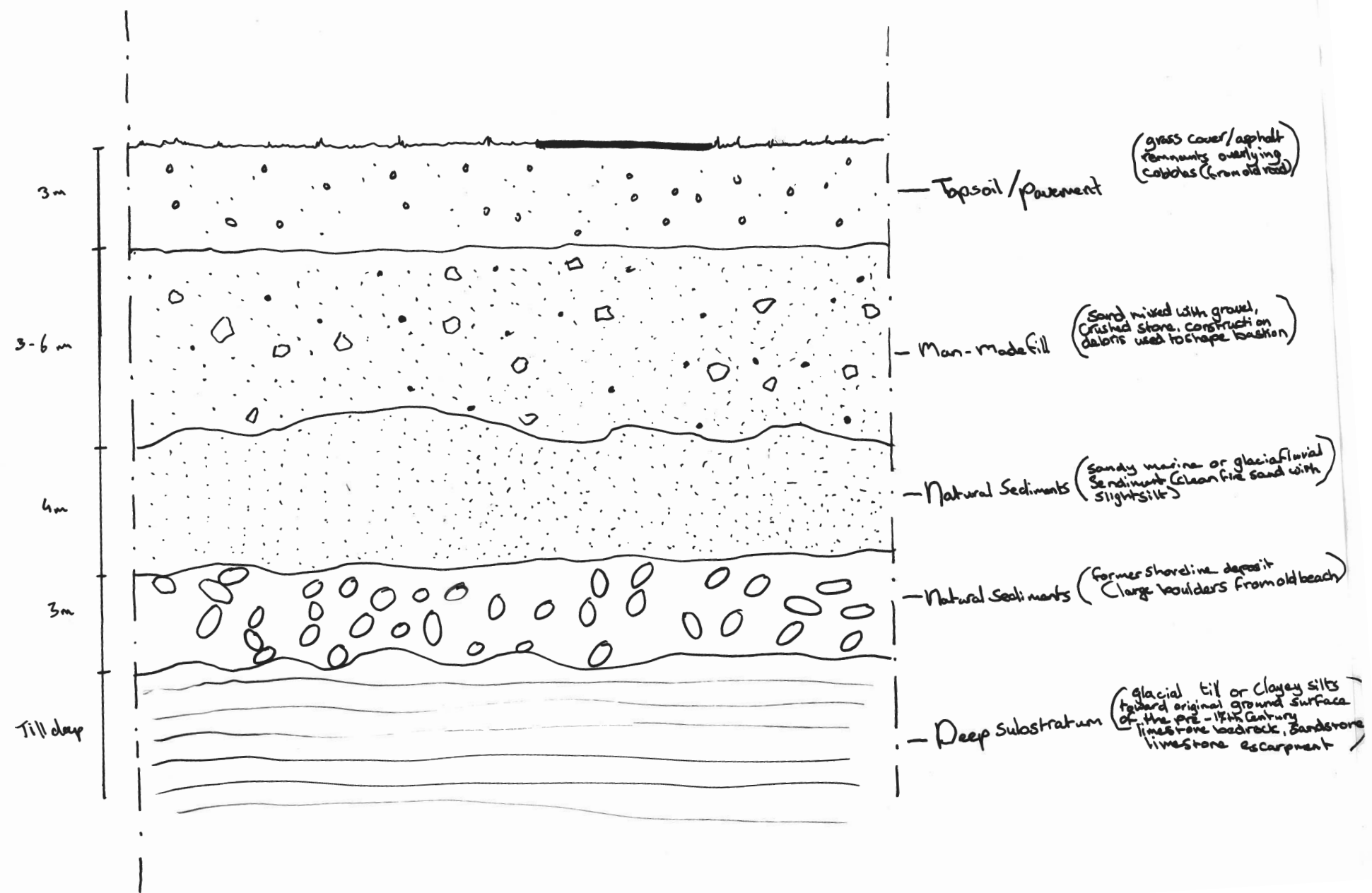
Earth bags

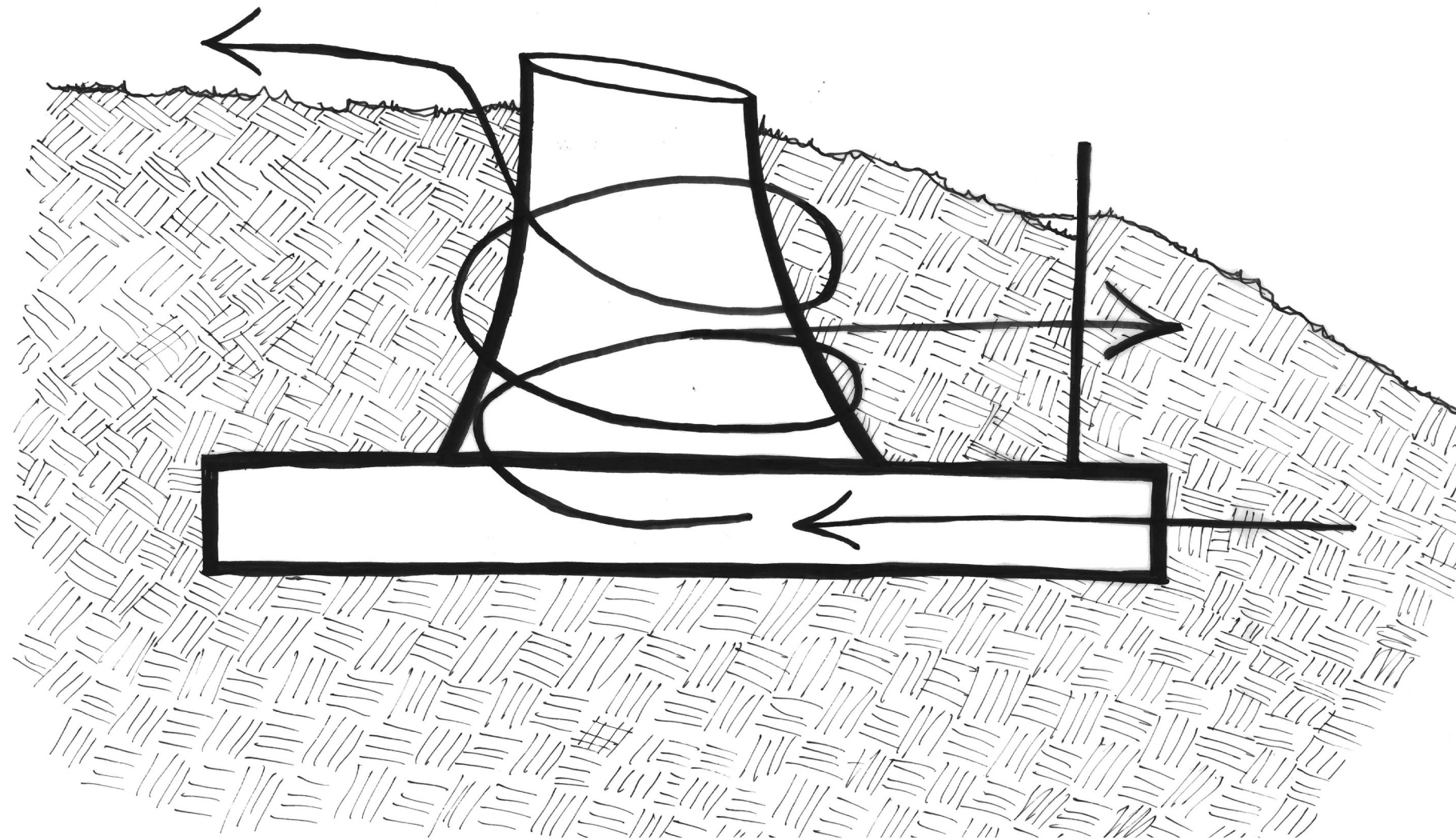


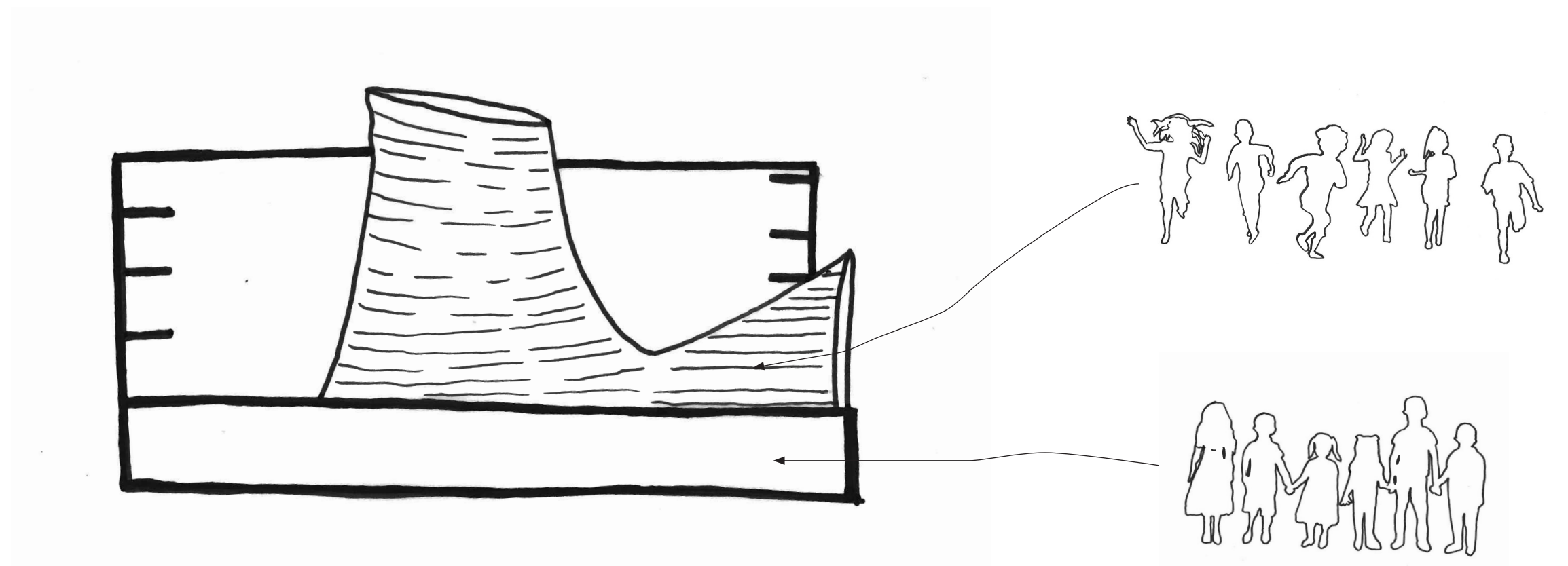
Gabion filled with earth and stone

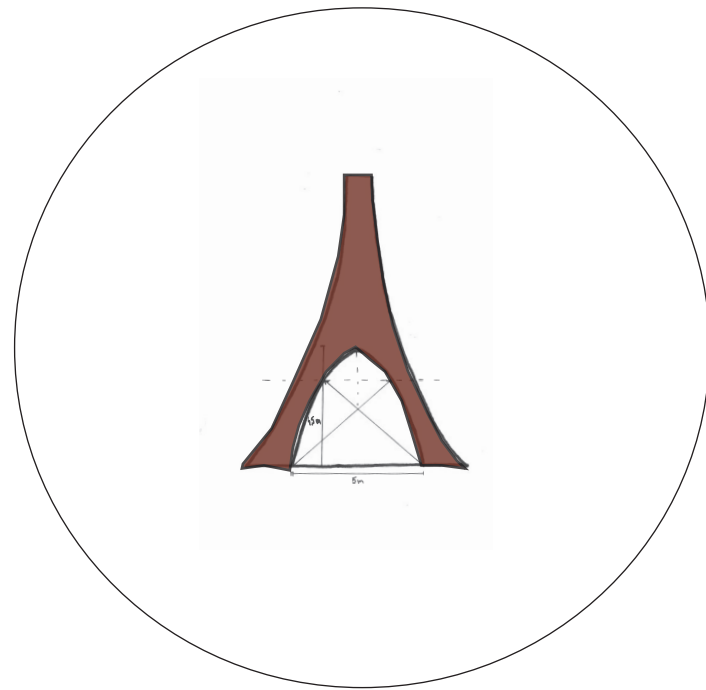


Compressed earth blocks

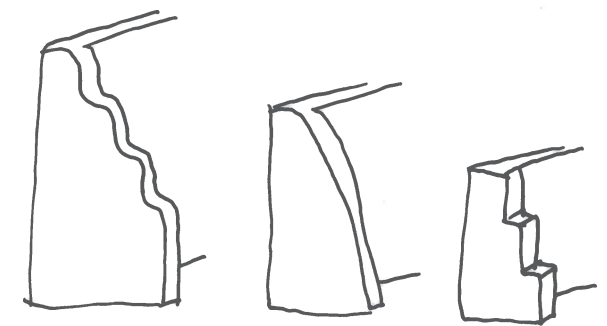
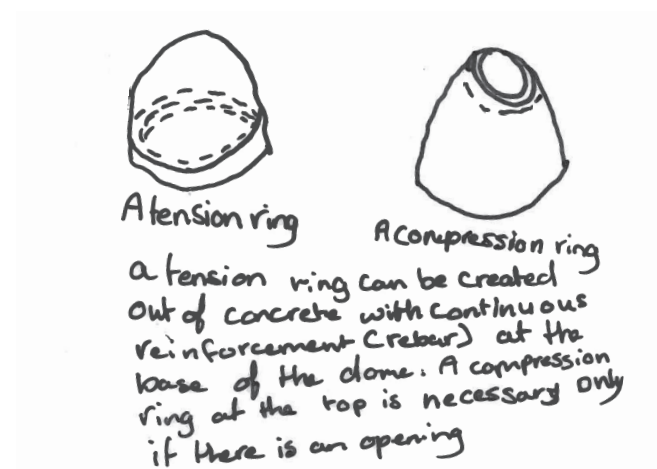
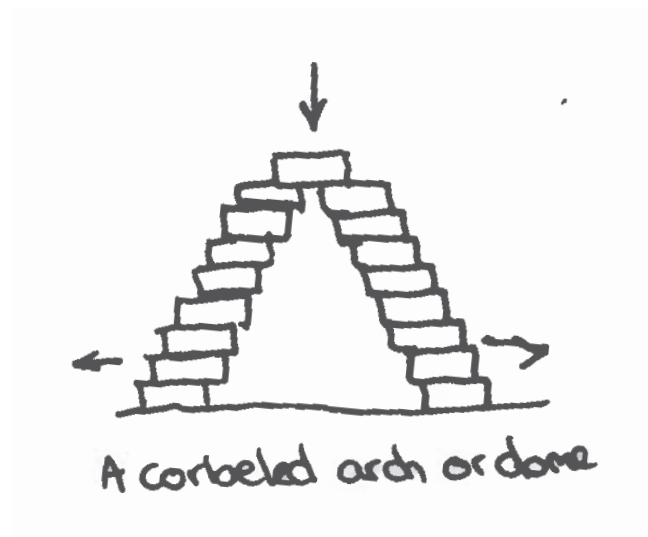




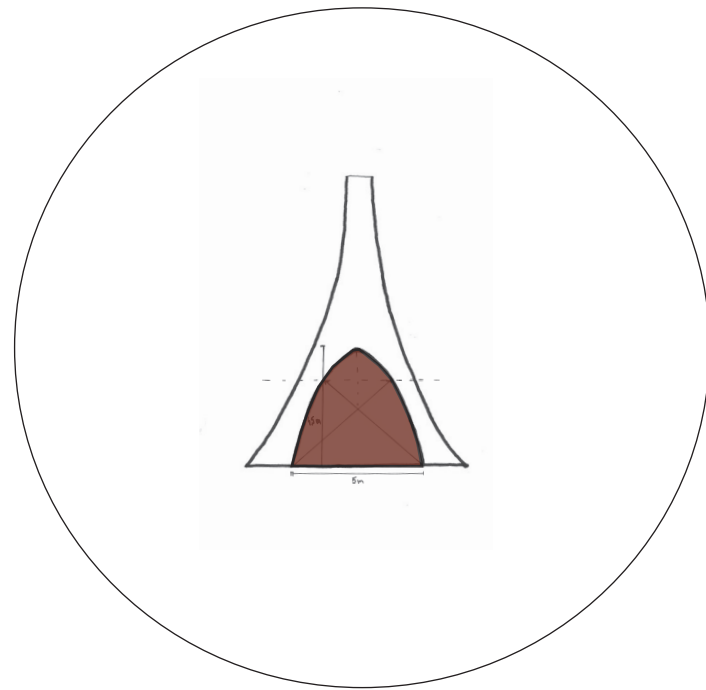




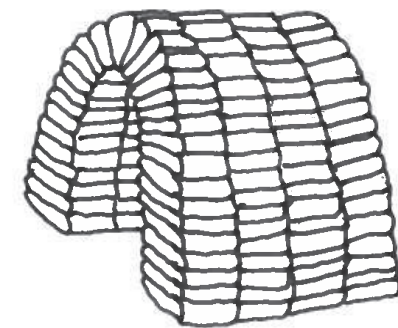
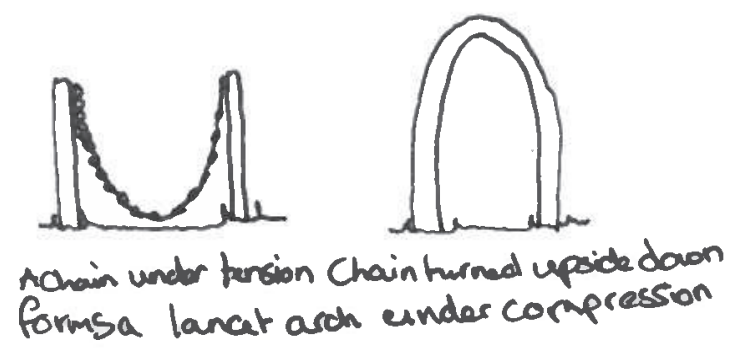
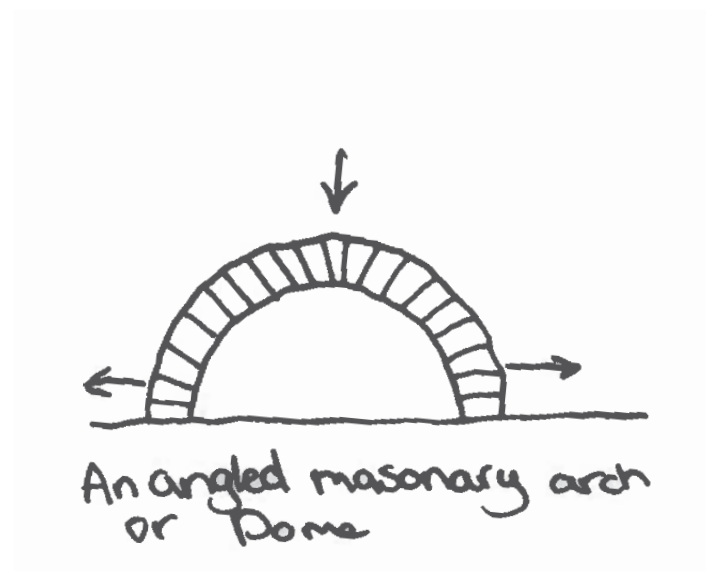
Front view earth bag sculpture

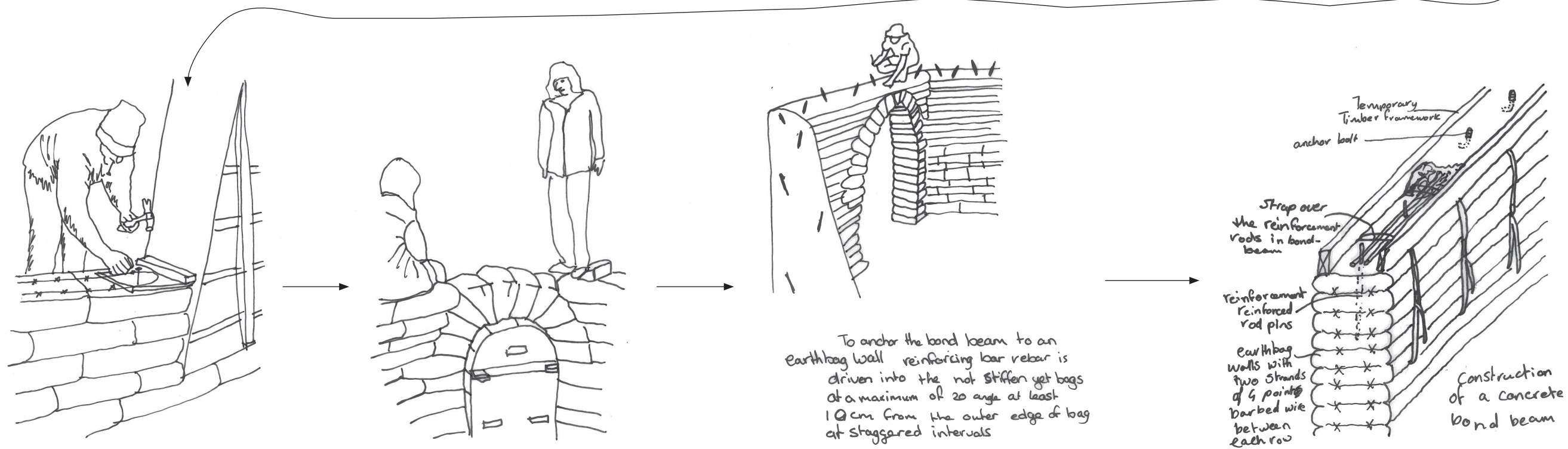
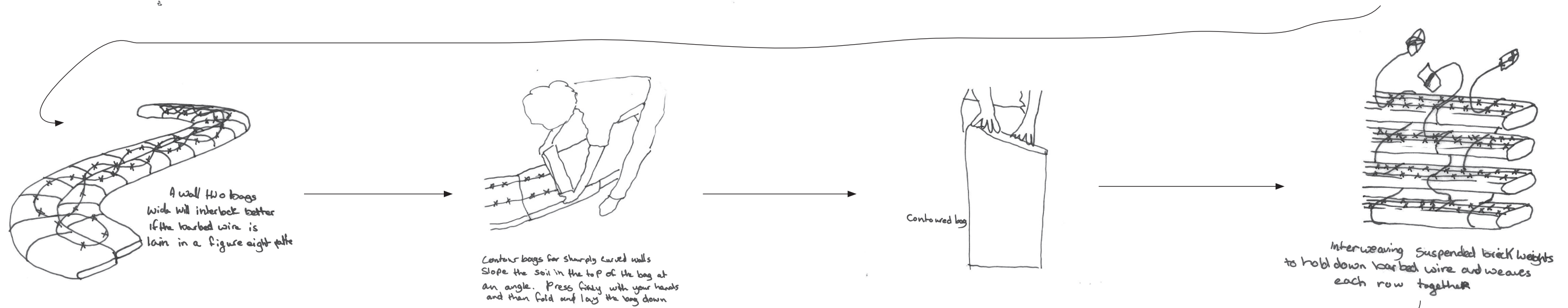
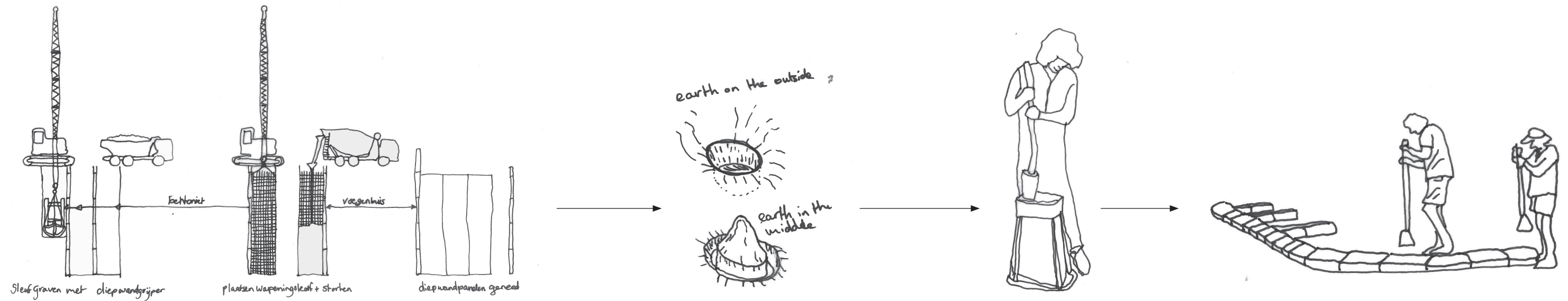


A 3m tall wall will need a buttress total depth of 1.5m spaced at every 12 feet an 2.4m wall will need buttress 1.2m deep and a 1.8m tall wall requires buttress that is 0.9m deep



Front view earth bag sculpture

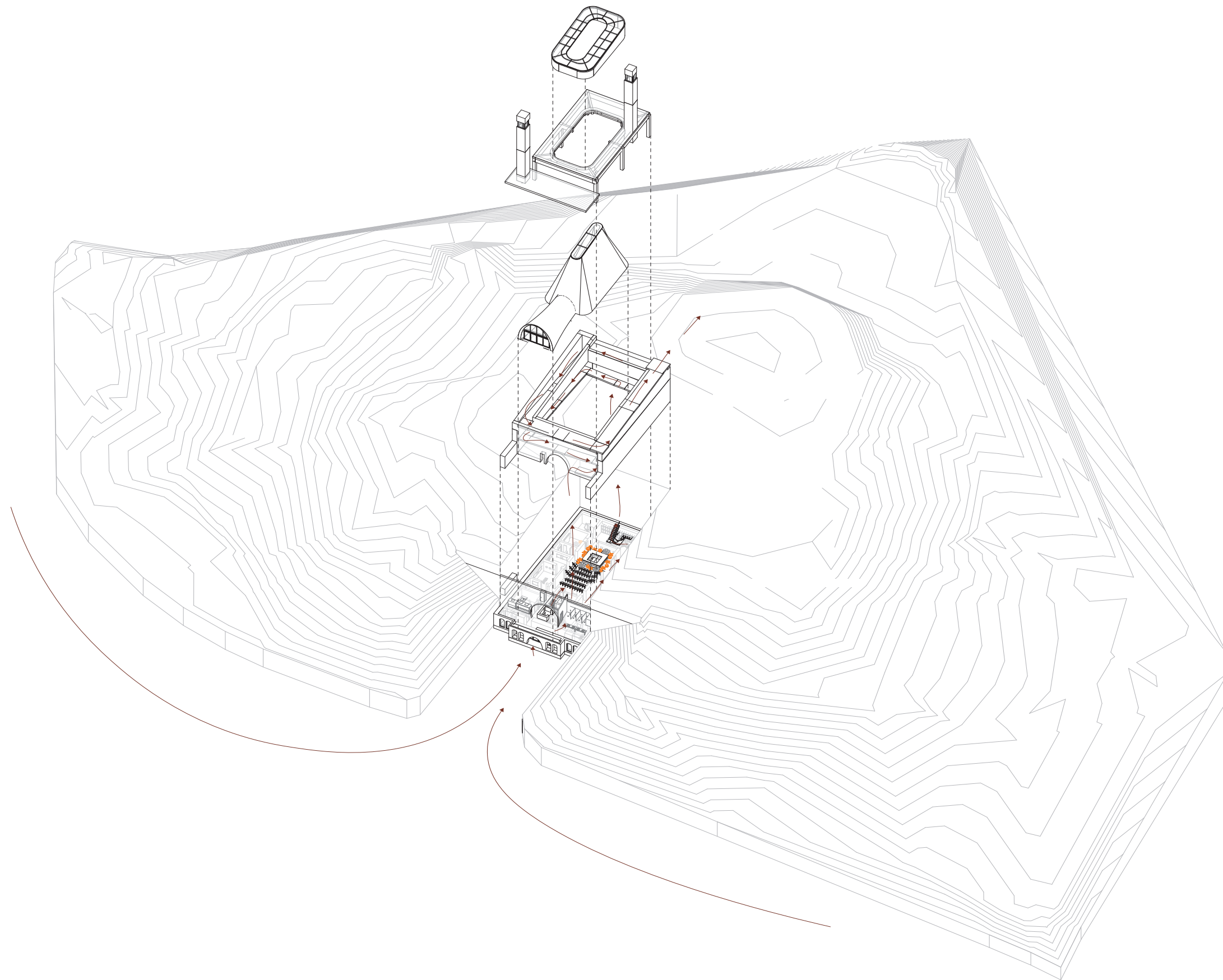




Methods & Analysis
A matter of scale

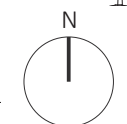


This shot was taken during a dome workshop in Puerto Rico conducted by Earthen Hand. CREDIT: SCOTT HOWARD



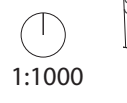
1:300

Methods & Analysis
A matter of scale



Scale 1:1000
Situation

Methods & Analysis
Architectural scale

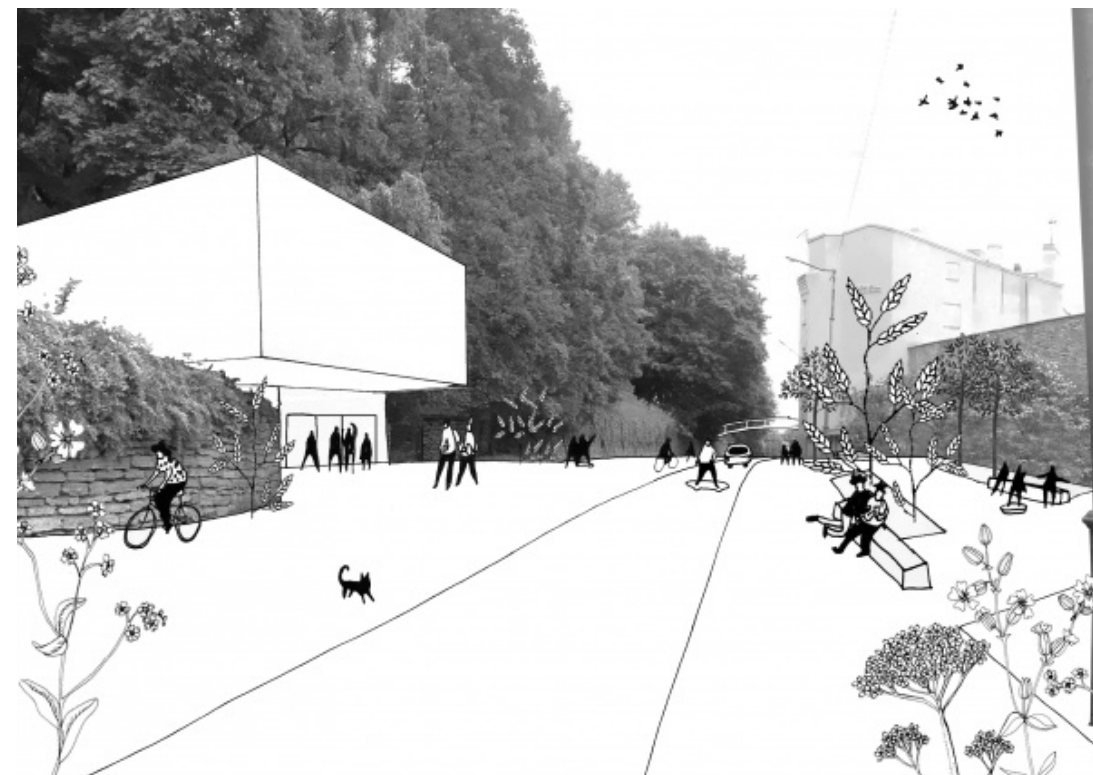


1:1000

Future plans rannamae road

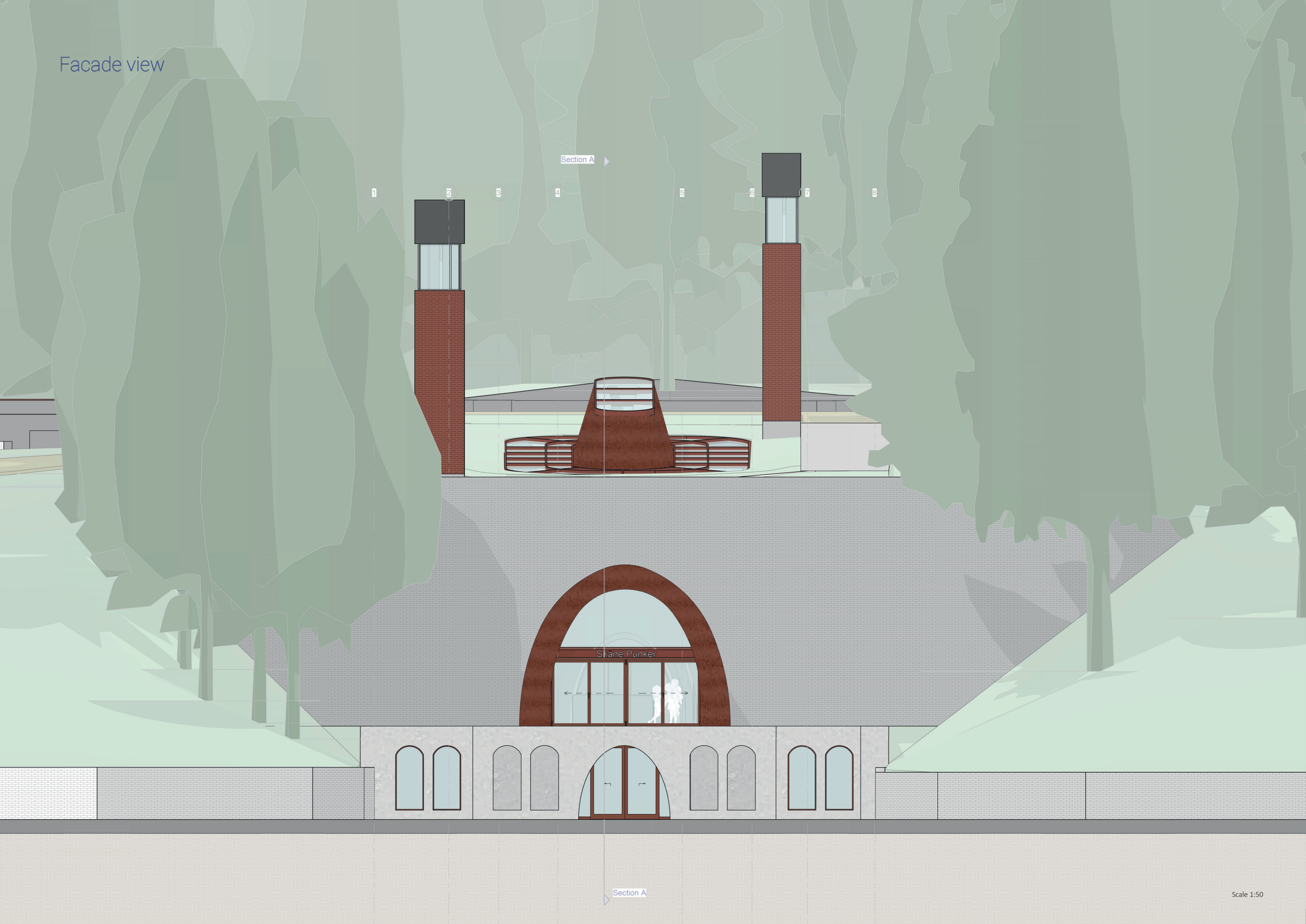


(tallinn.ee, 2022)





Facade view



Section A

1

2

3

4

5

6

7

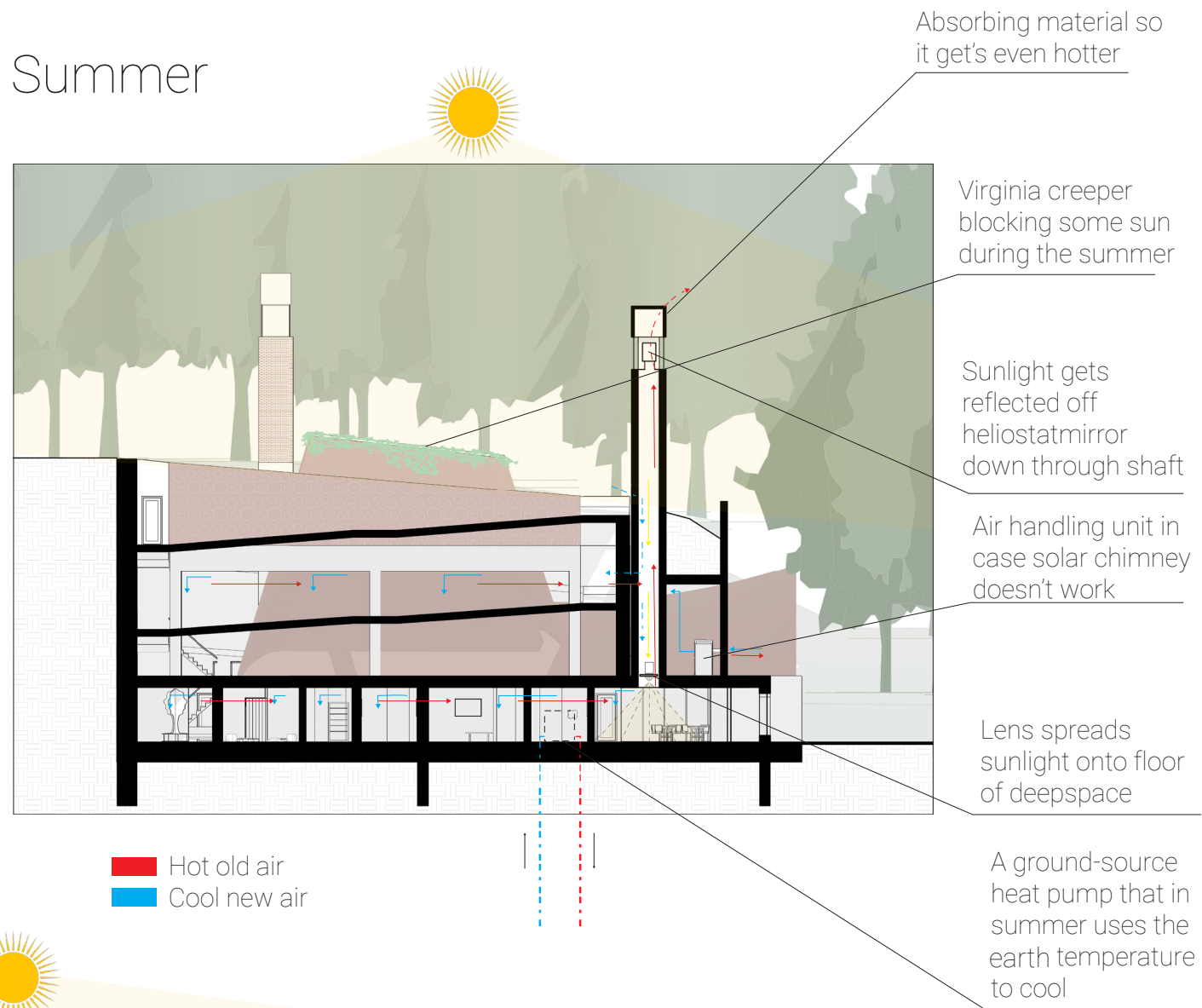
8

Skane Punker

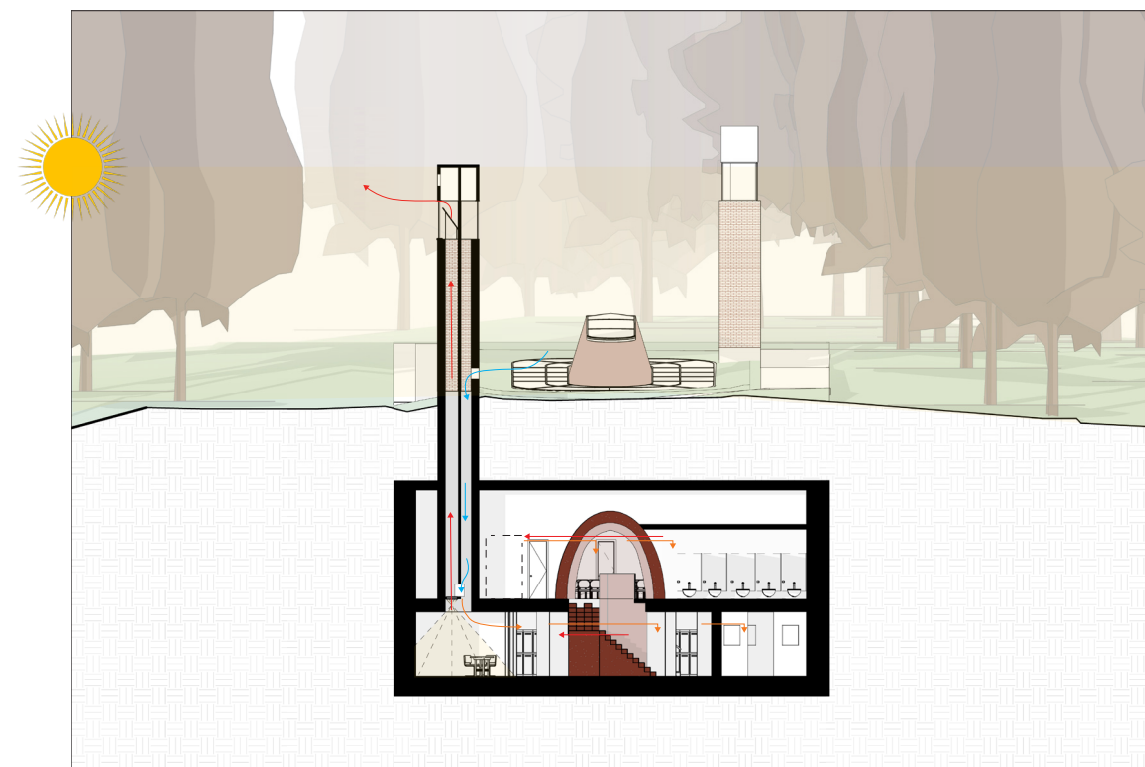
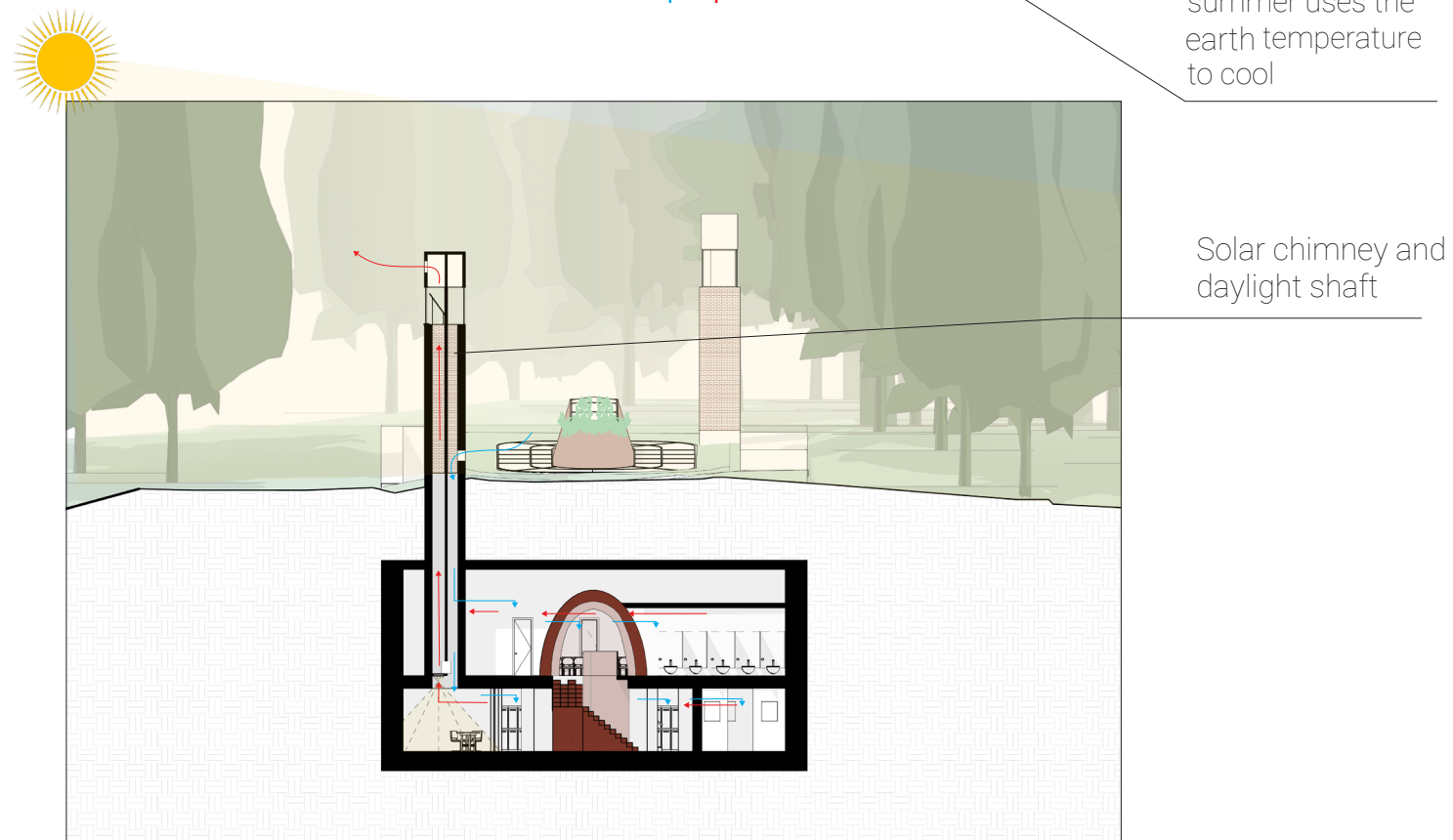
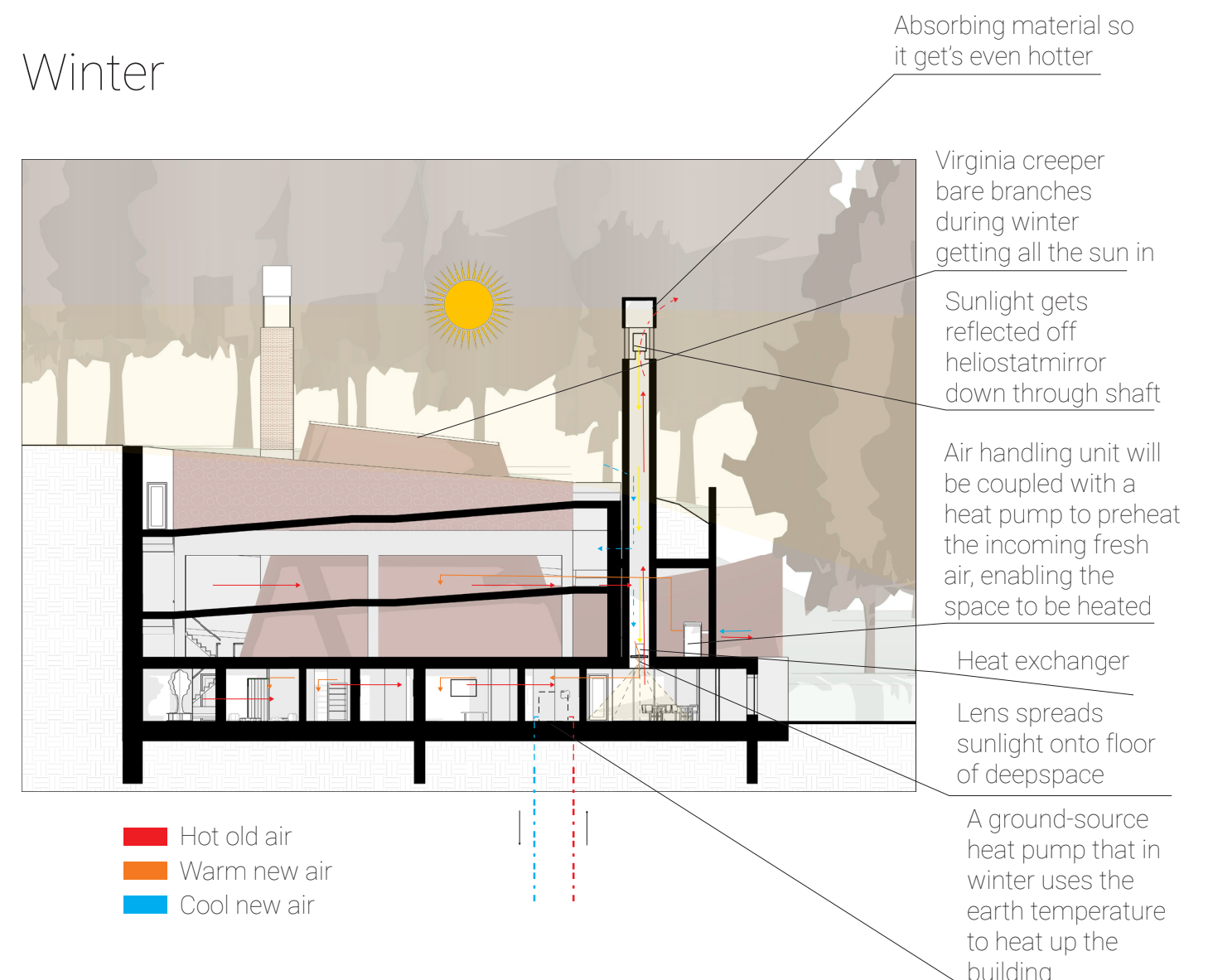
Section A

Scale 1:50

Summer



Winter



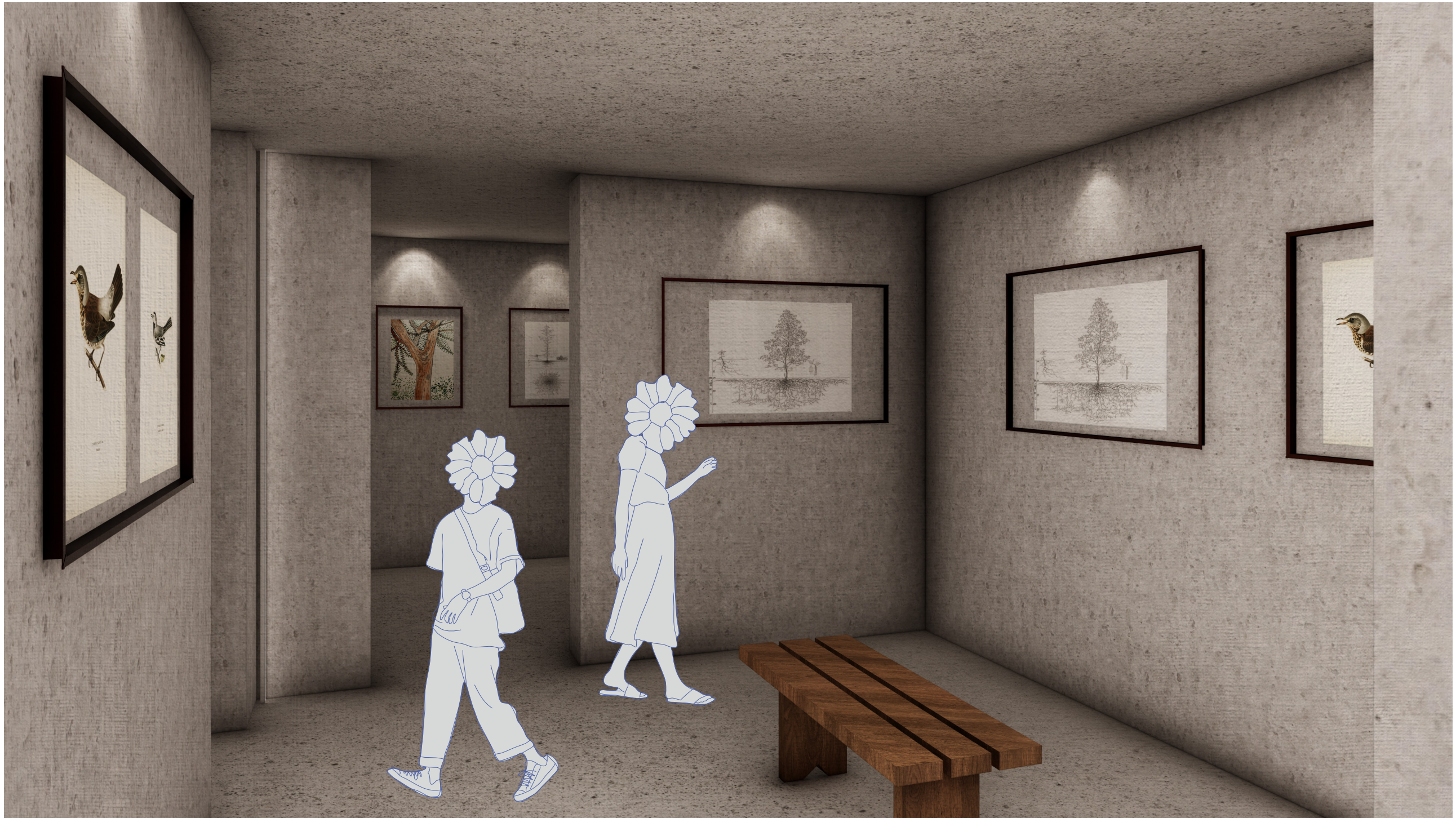


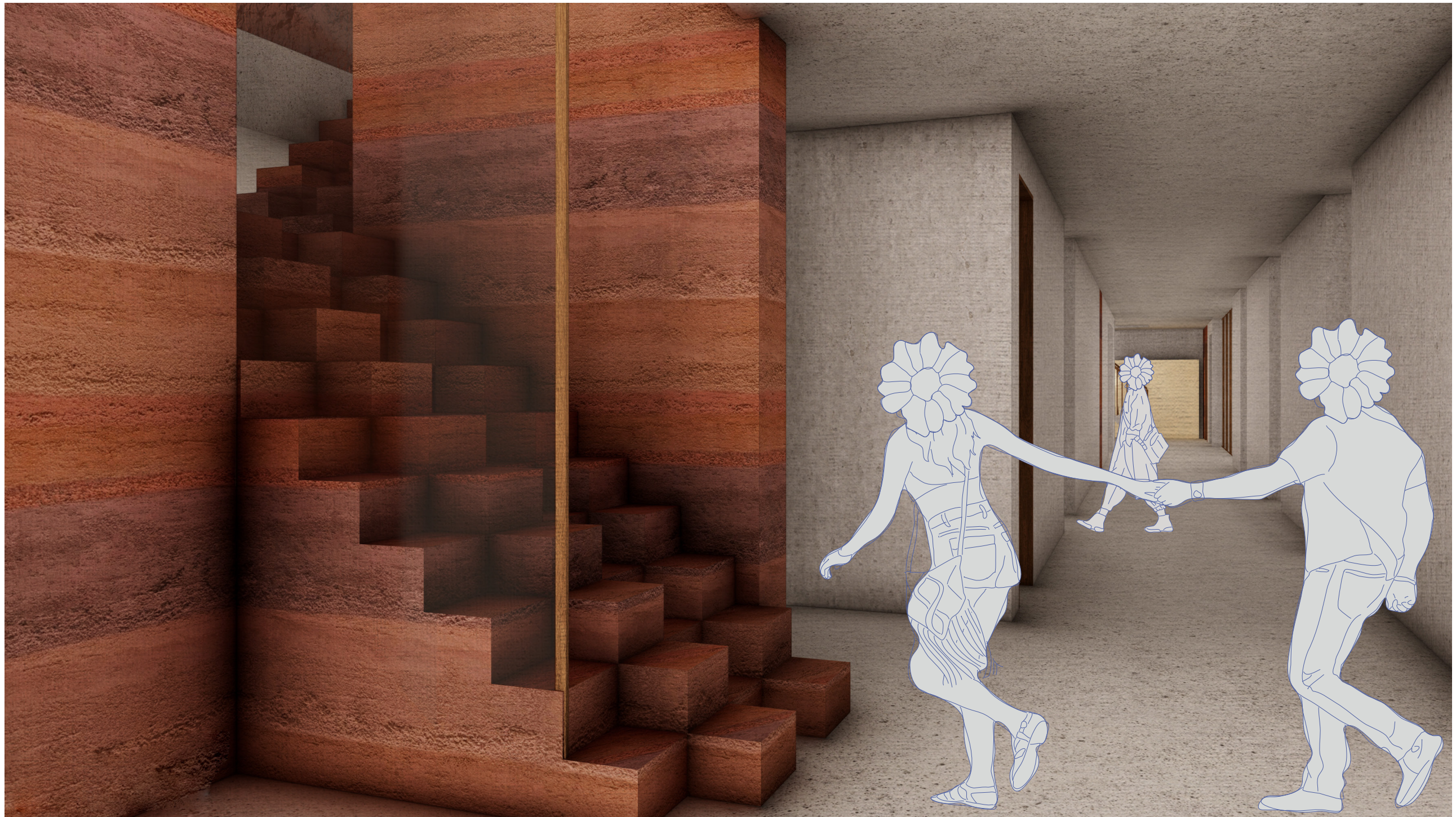
Ground floor

1. Entrance
2. Exhibition art space of the fortification period
3. Hearing the stories of the Swedish soldiers who held the line at Sköne Bastion
4. Small cinema
5. Touching and smelling
6. Workshop space
7. Storage
8. Lockers
9. Hearing the stories of the living tree's of the Sköne Bastion
10. Small cinema
11. Touching and smelling
12. Exhibition art space of the non-human actors that live at Sköne Bastion
13. Workshop space
14. Backstage, dressing room
15. Hydraulic lift
16. Heat pump
17. Daylight and solar chimney



Scale 1:100

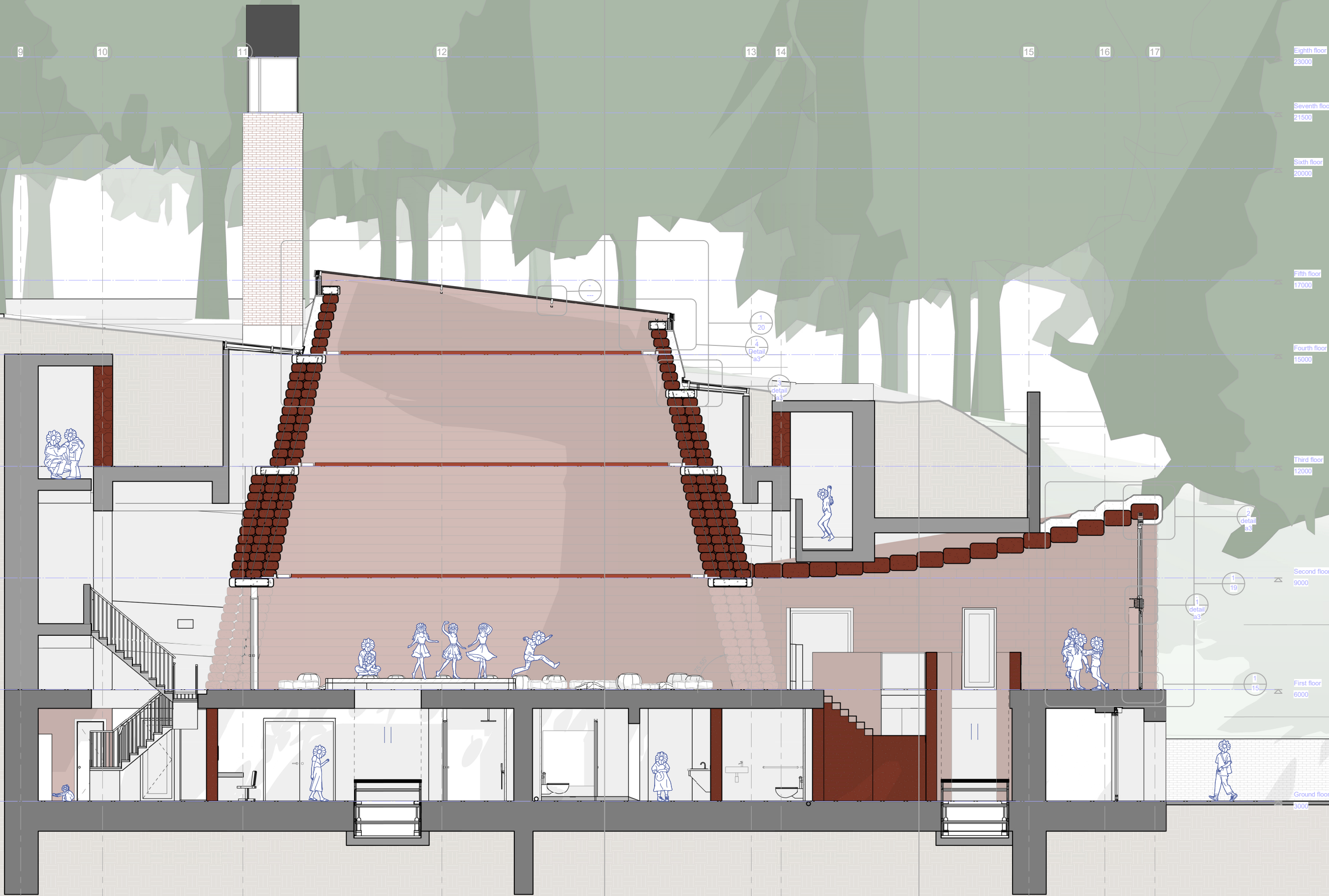


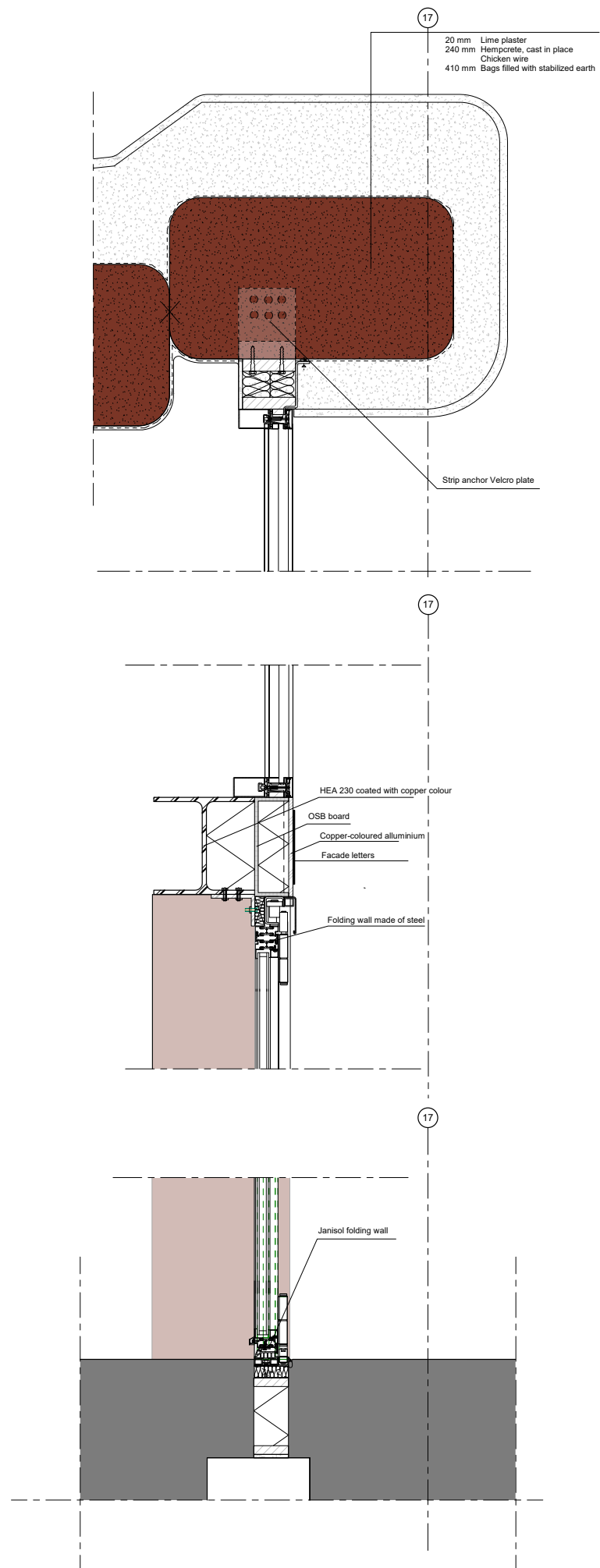


Section A

Section B

Section B1



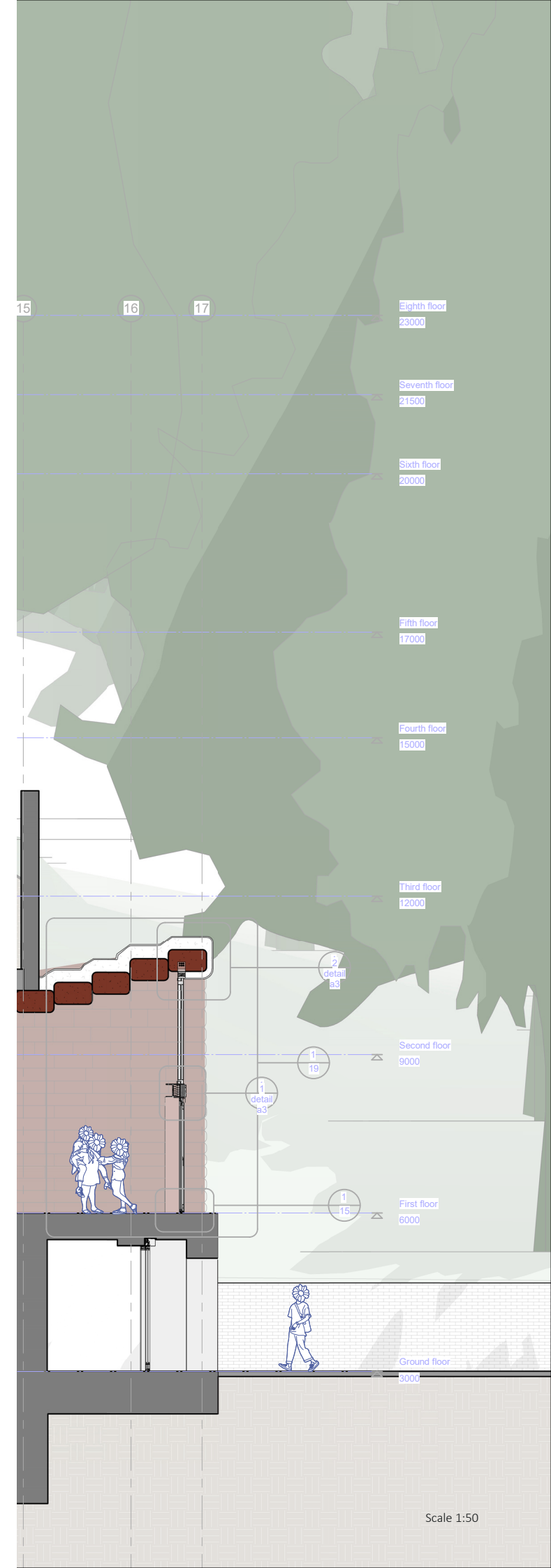


4

3

1

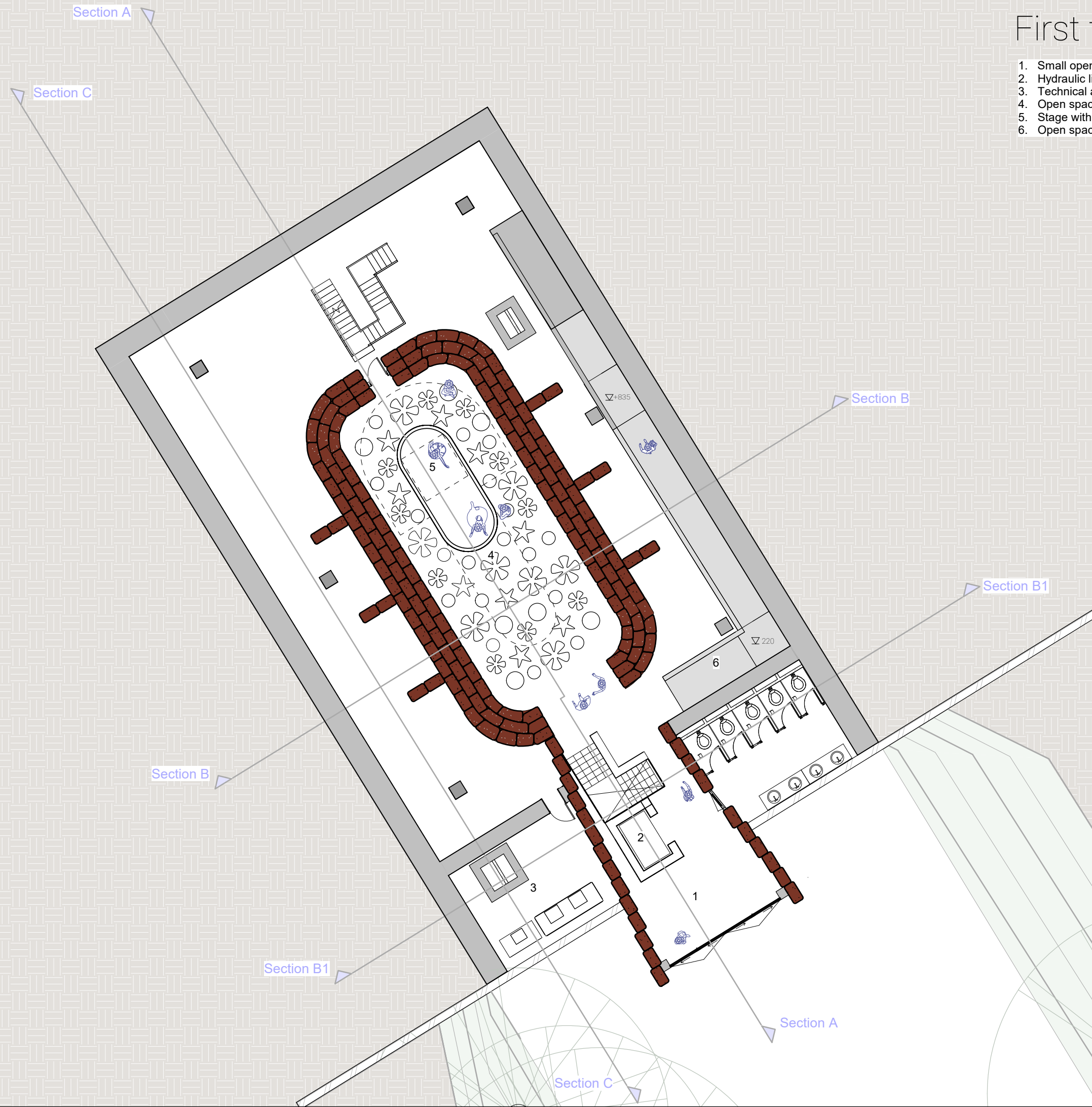
1:5





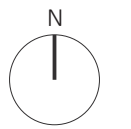
First floor

1. Small open space could be used as a stage when folding wall is open
2. Hydraulic lift and playfull stairs
3. Technical area, air handling unit and heat exchanger, solar and daylight chimney
4. Open space where performances can take place
5. Stage with hydraulic lift
6. Open space where the ramp goes around the sculpture to the outside



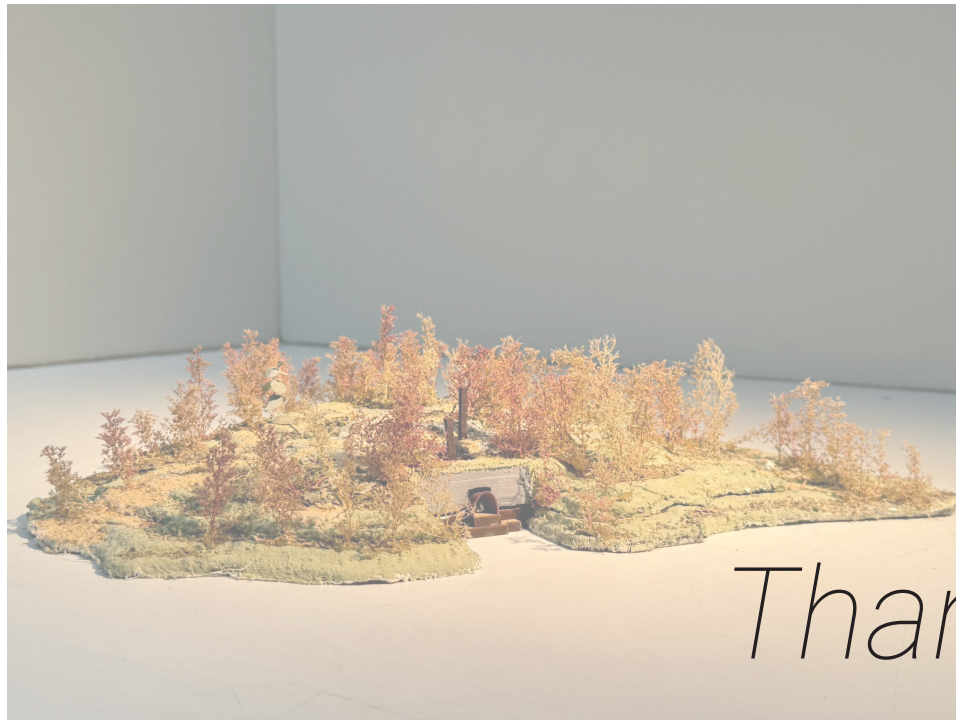
Scale 1:100



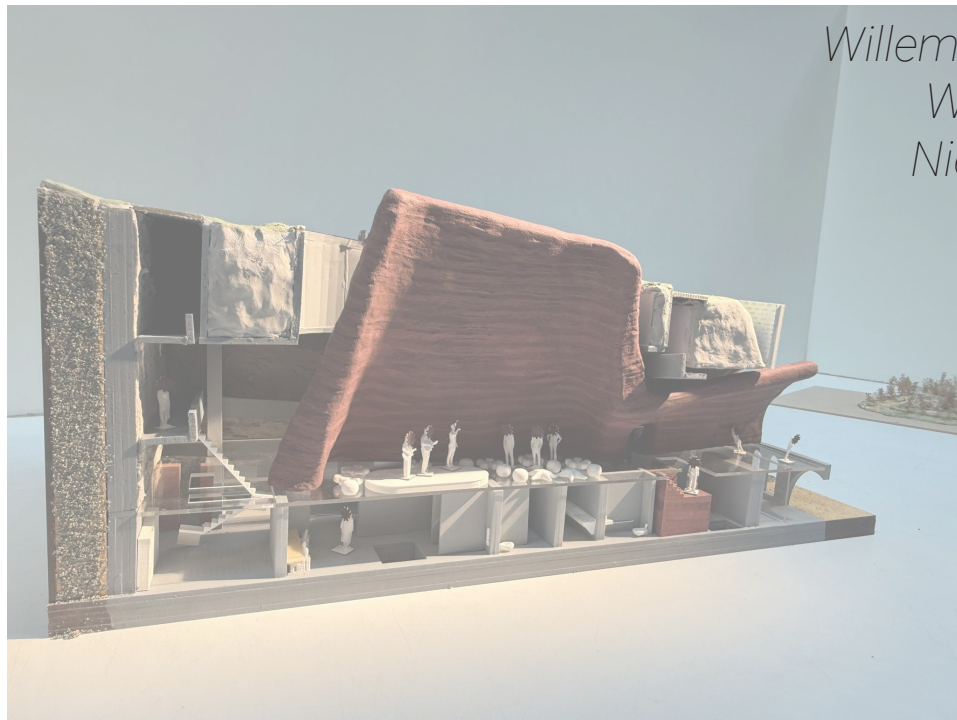


Scale 1:500

Methods & Analysis
A matter of scale



Thank you!!



*Willemijn Wilms Floet
Willie Vogel
Niels Tilanus*

