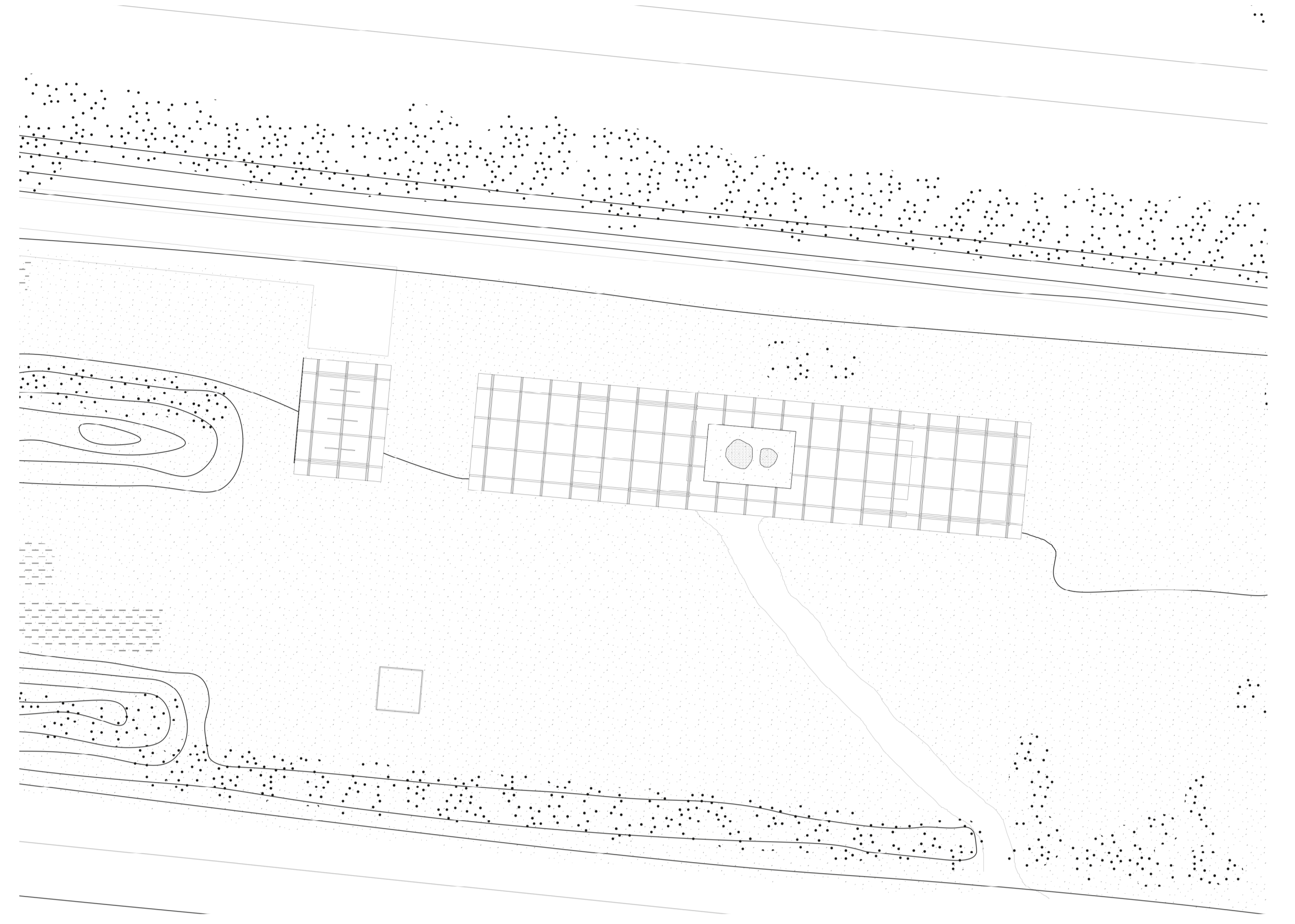
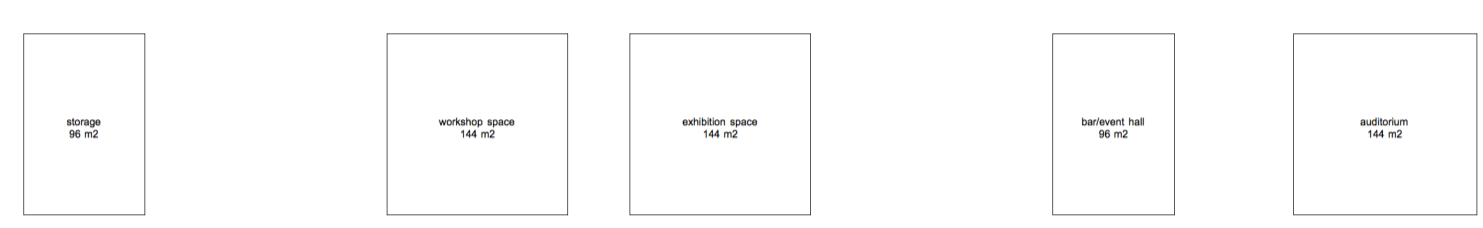


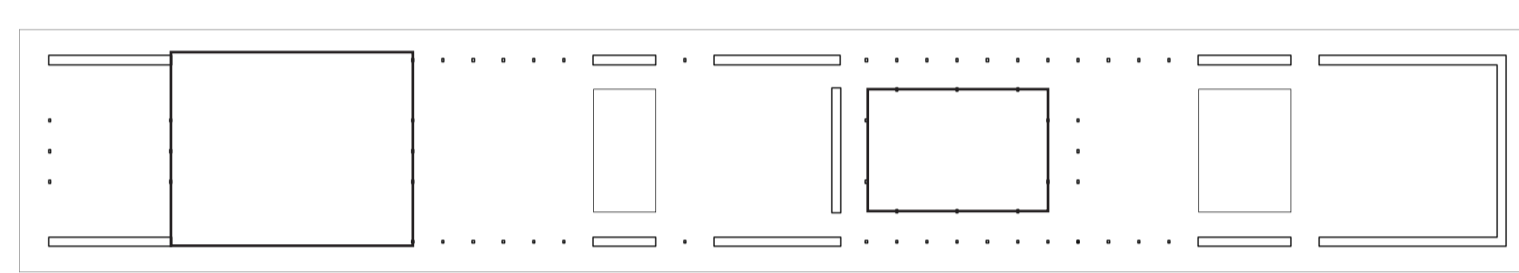
site 1:1000



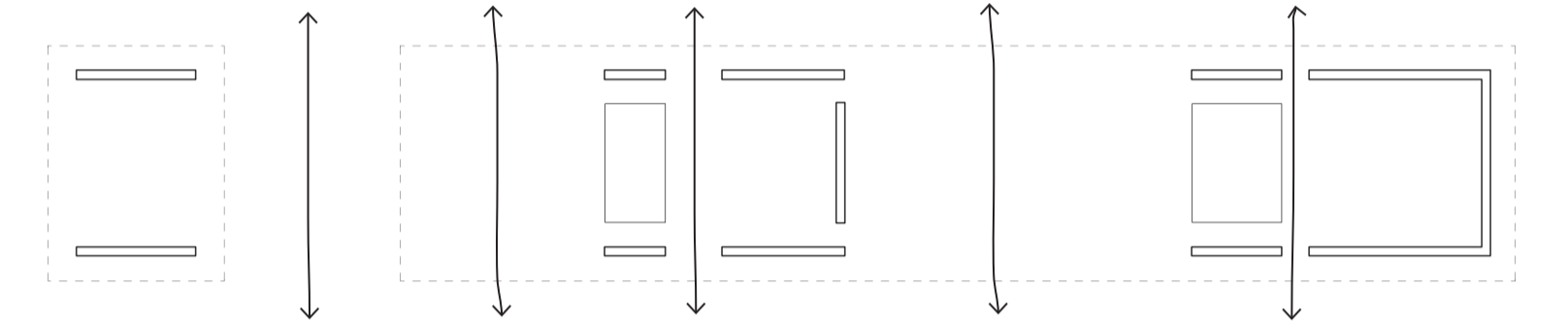
site 1:500



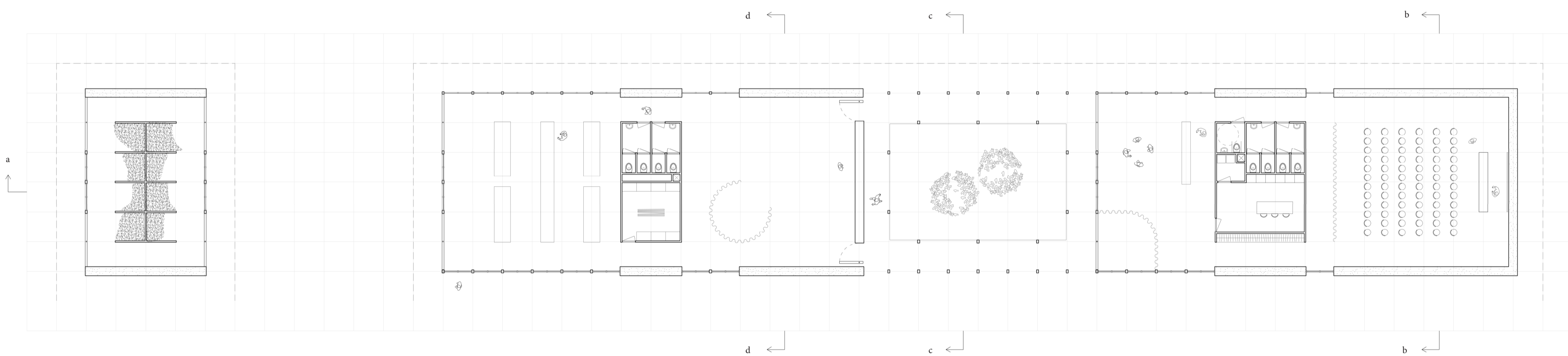
program diagram 1:500



outside - inside diagram 1:500



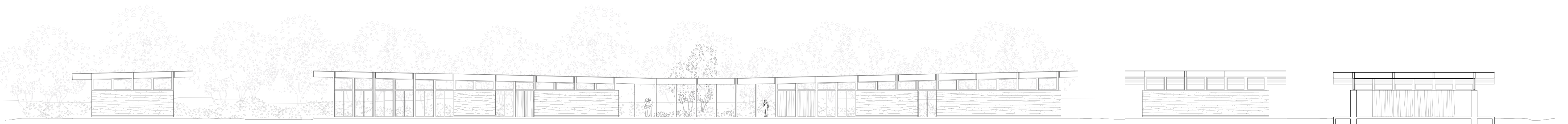
transparency diagram 1:500



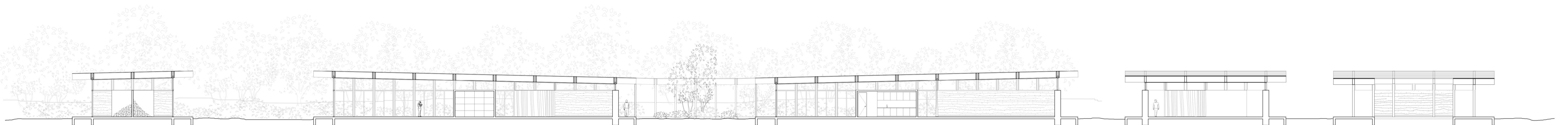
De Groene huiskamer van de Buurt is a green outdoor space that is accessible for all habitants of the city. The proposal for a mixed-use building on this site offers a place where you can walk, connect, play, learn and experiment.

The transparent roof rests on a light timber construction. The load bearing walls are rammed earth from a mix with Rotterdam clay. The oyster shells inside the wall are an alternative for gravel stones. An additional advantage of the oyster shell is that it's full of lime, what makes the wall more water resistant and it's good binder for the clay. All the walls can be given back to nature again without any negative effects. In this way a shell becomes a building material instead of city trash.

judith pellicaan / studio grounded matter / december 2021



facade (south) / facade (east) / section bb 1:200



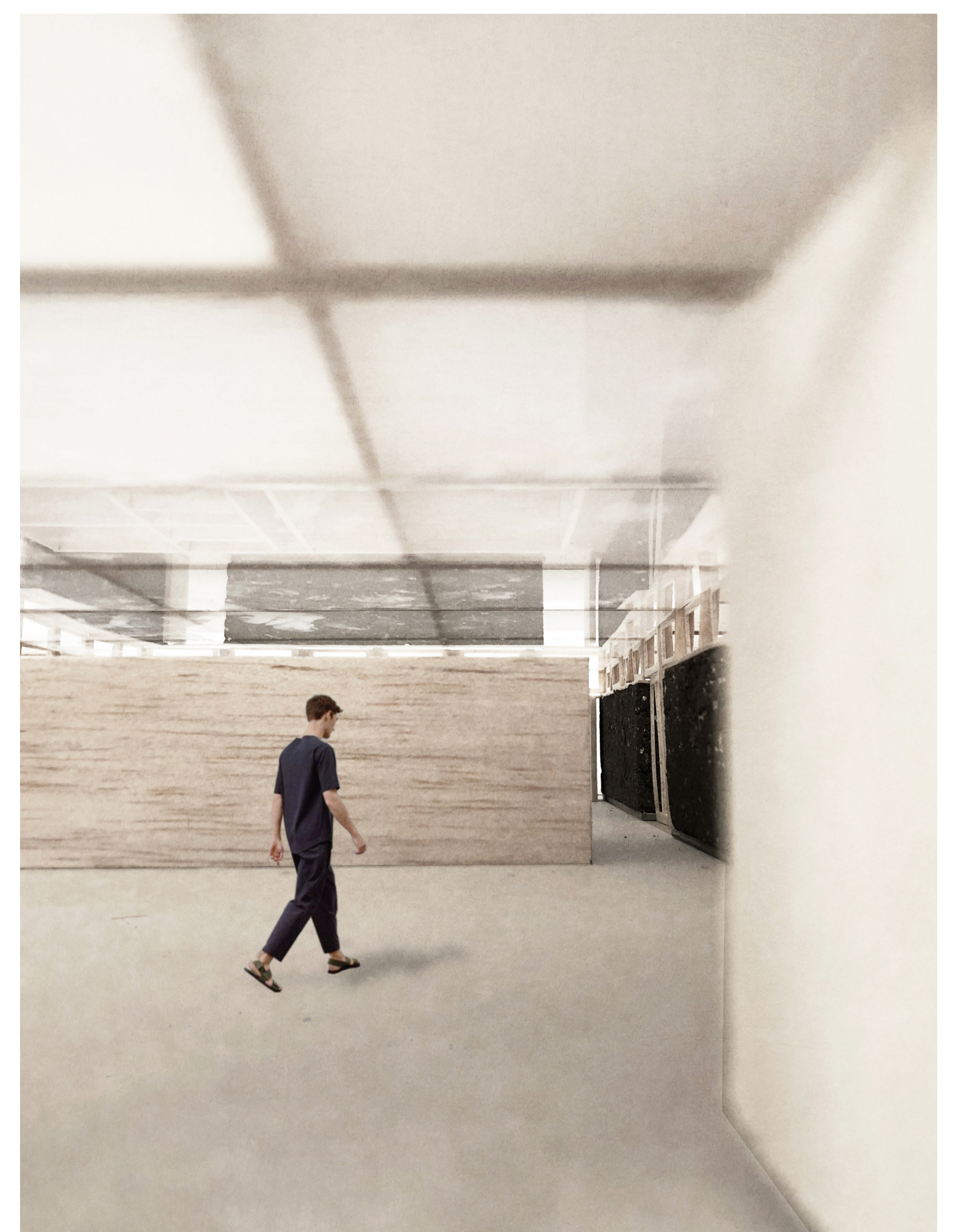
section aa / section dd / section cc 1:200



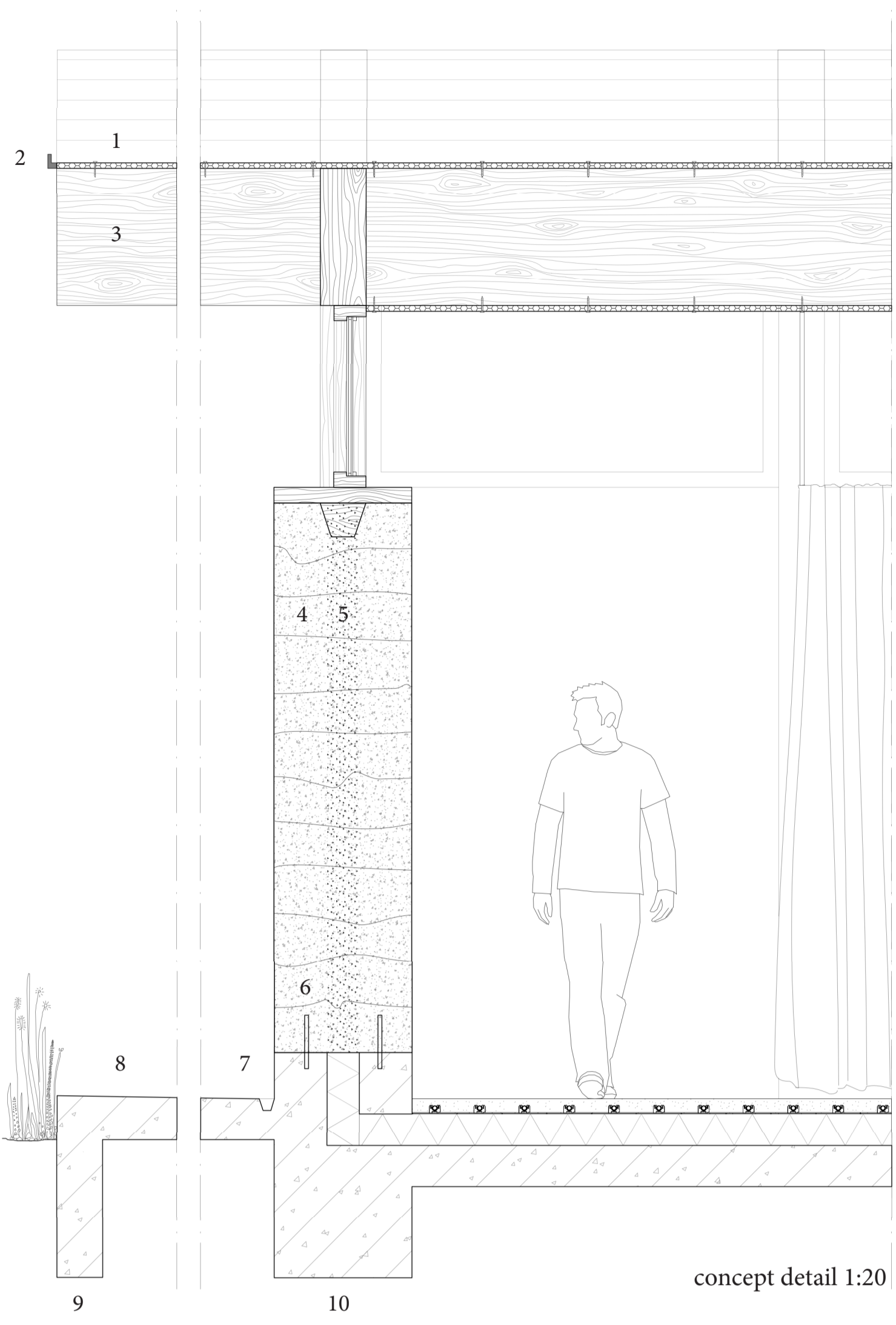
pergola and garden



entrance exhibition space

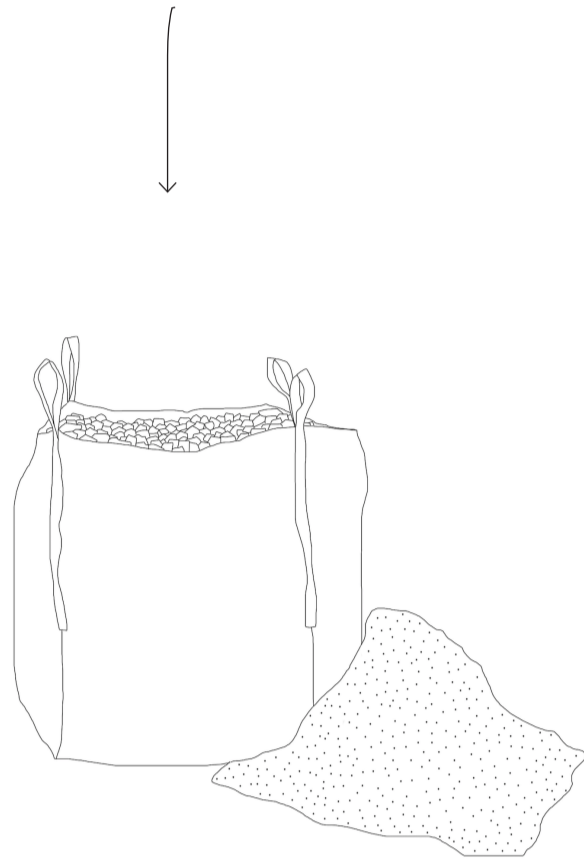
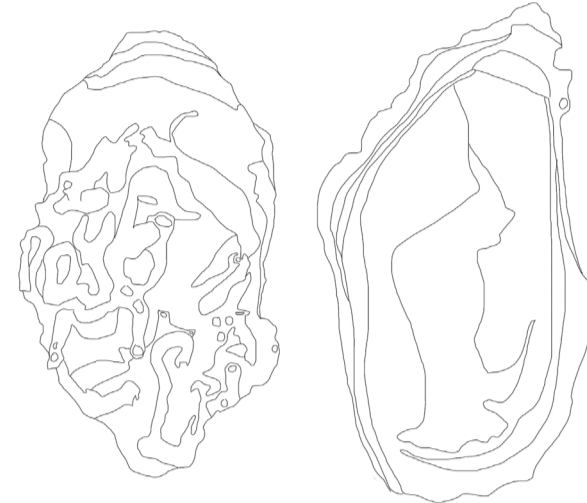
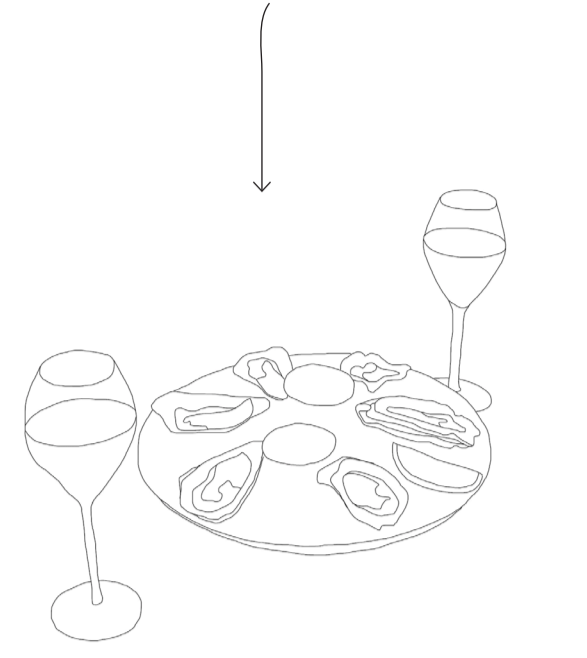
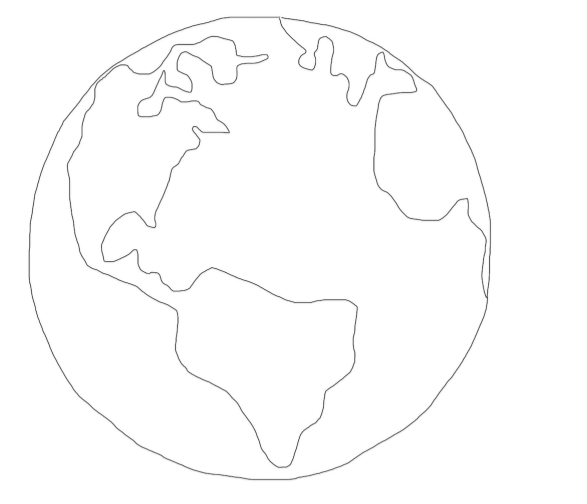


interior workshop space



concept detail 1:20

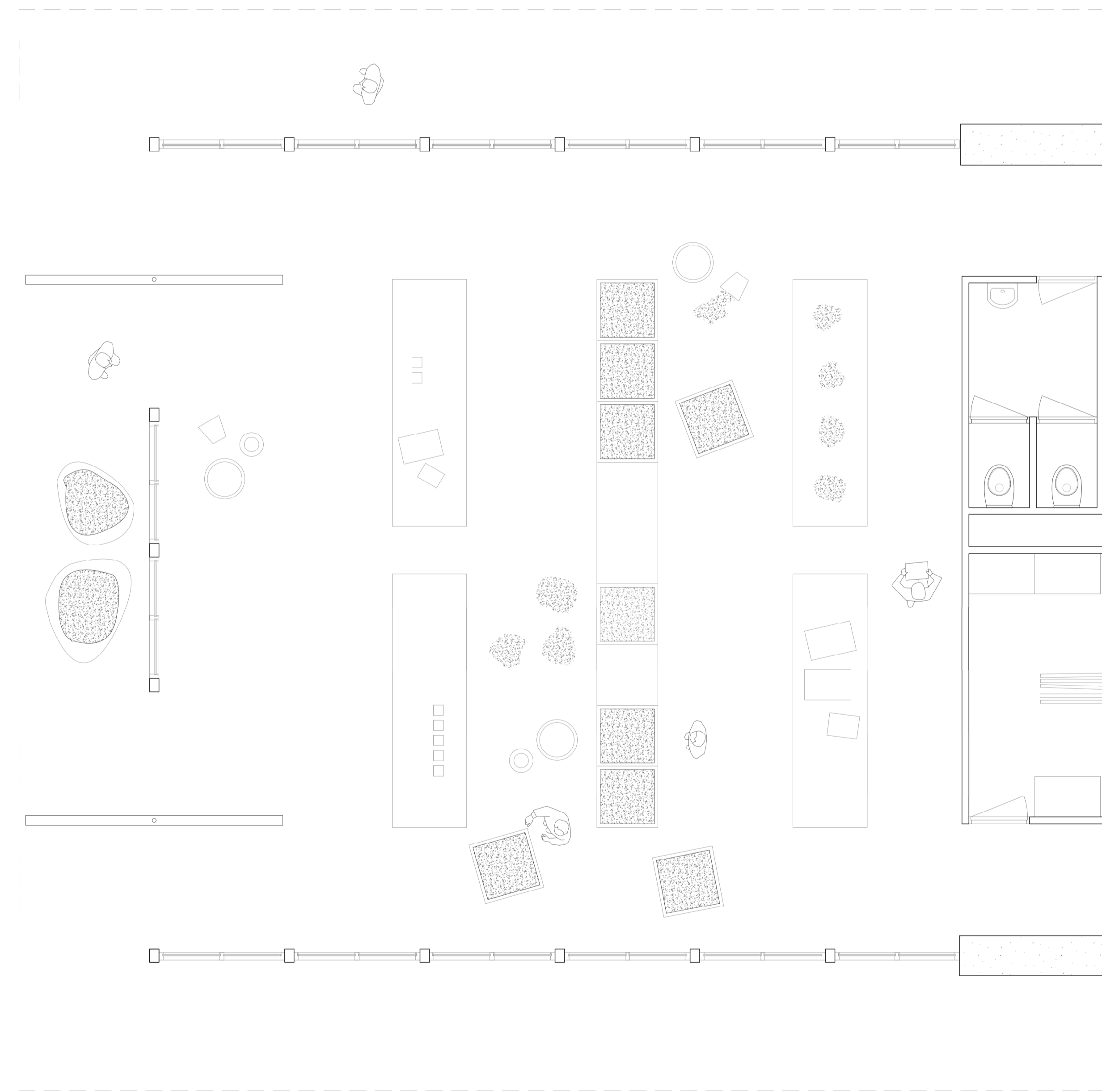
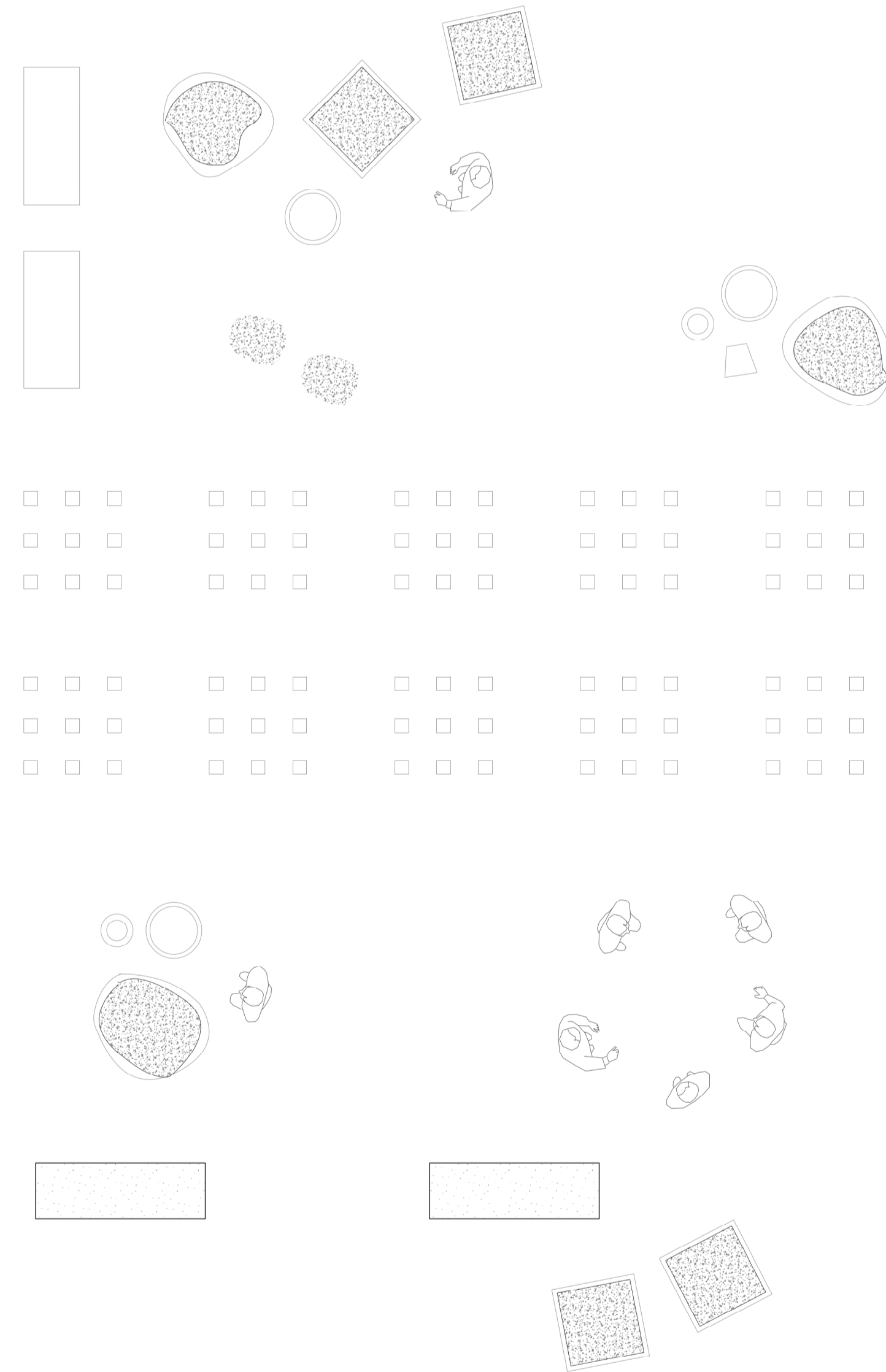
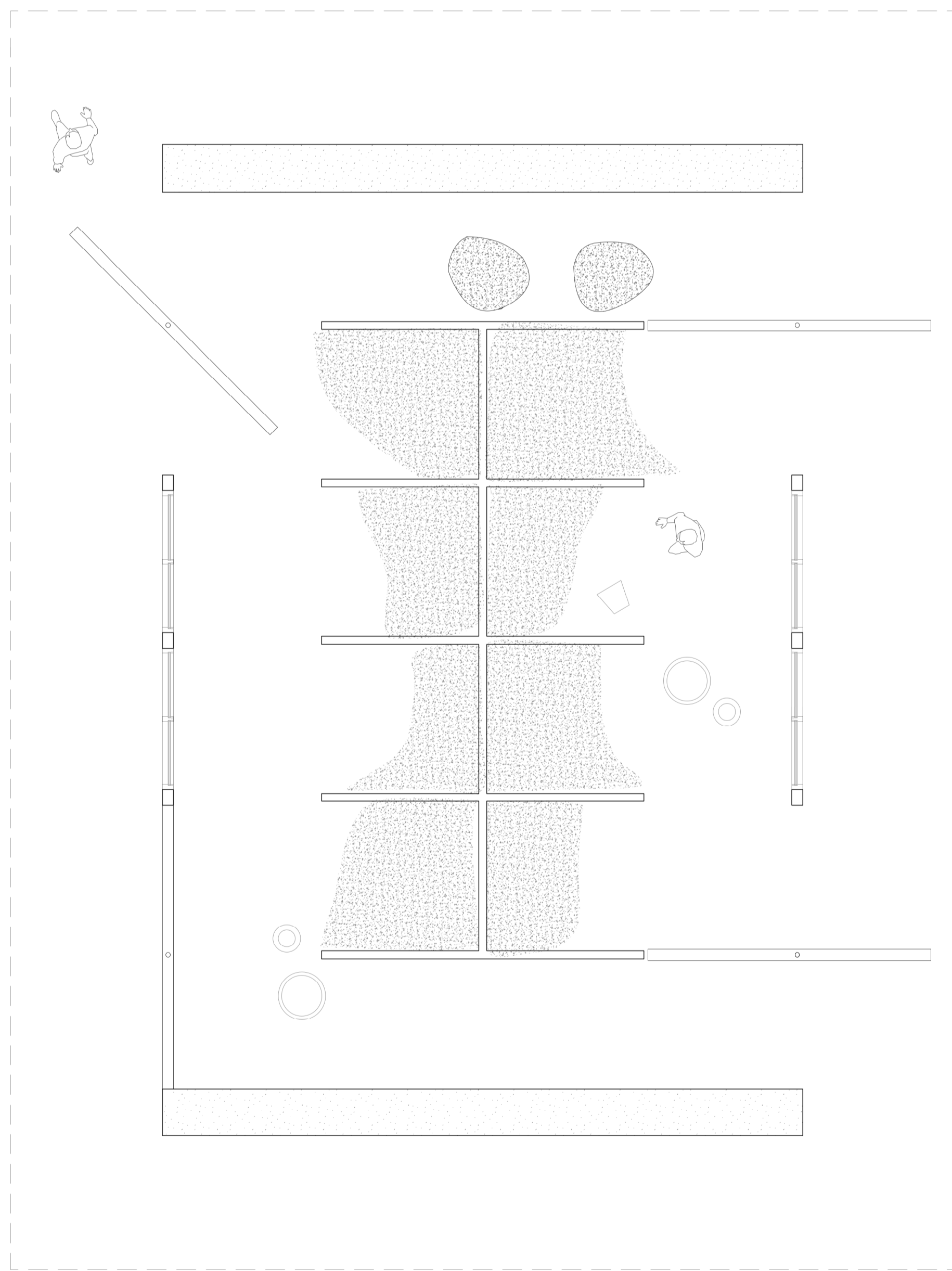
- 1. polycarbonate 30 mm
- 2. steel profile
- 3. wooden beam 600 mm
- 4. rammed earth wall 600 mm
- 5. rammed insulation 140 mm
- 6. reinforced steel
- 7. plinth 20 mm / water drainage
- 8. slope
- 9. frost stop 600 mm
- 10. foundation



material concept



material storage



- 1. material storage
- 2. outside workshop space
- 3. inside workshop space
- 4. tool storage / toilets / installations

fragment 1:50