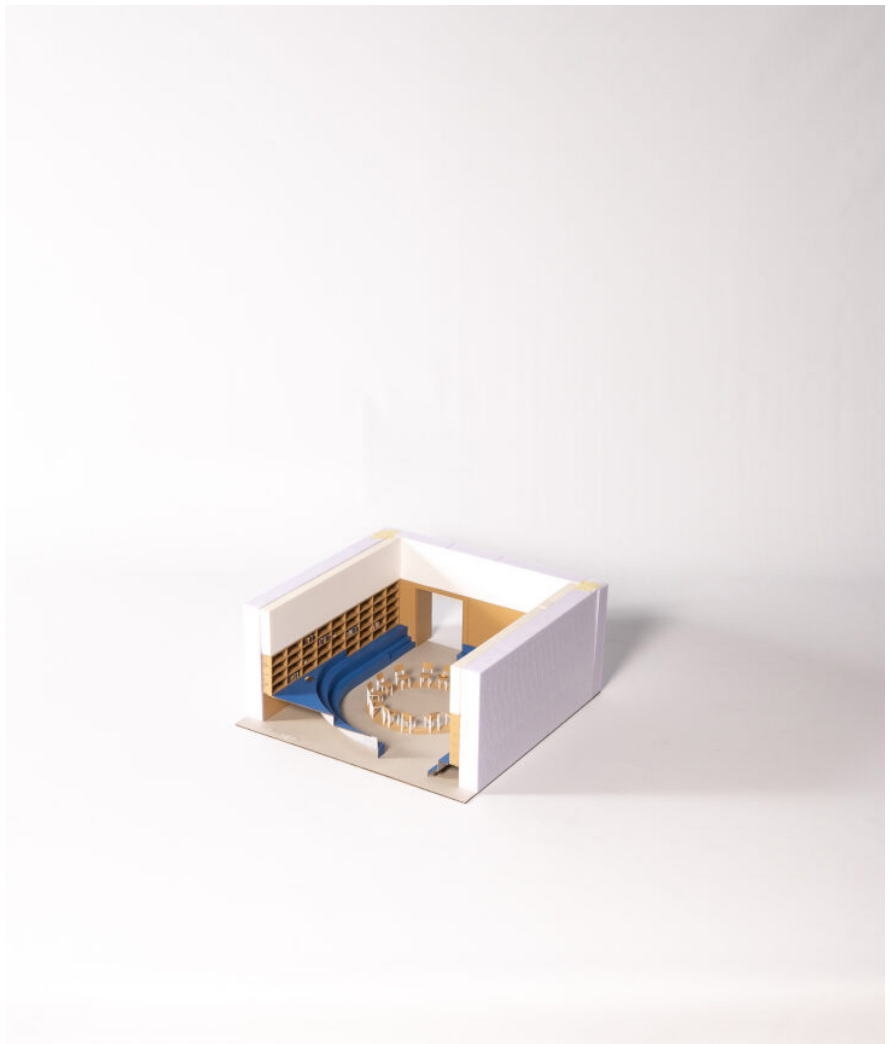


Project Book
TU Delft, Interiors Buildings Cities
Graduation Studio

Joanna Pilecka

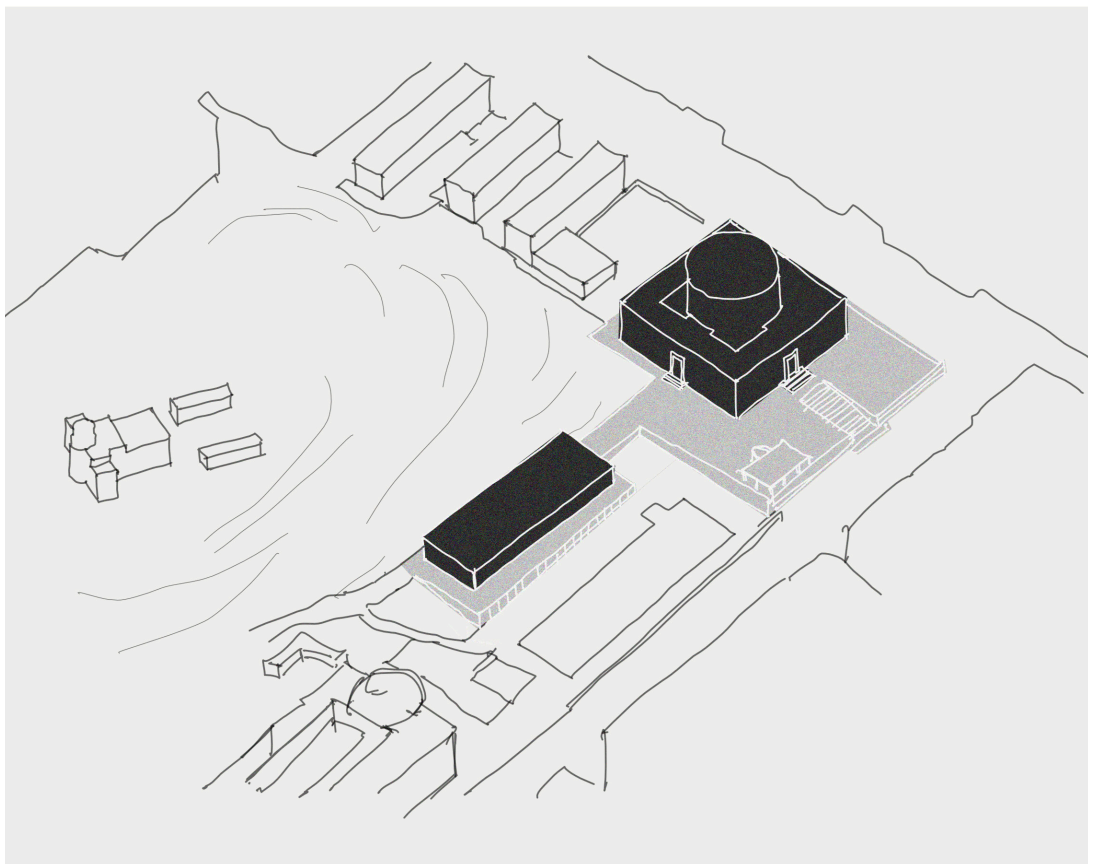
Msc 3/4 Palace 2023/24 AR3AI100





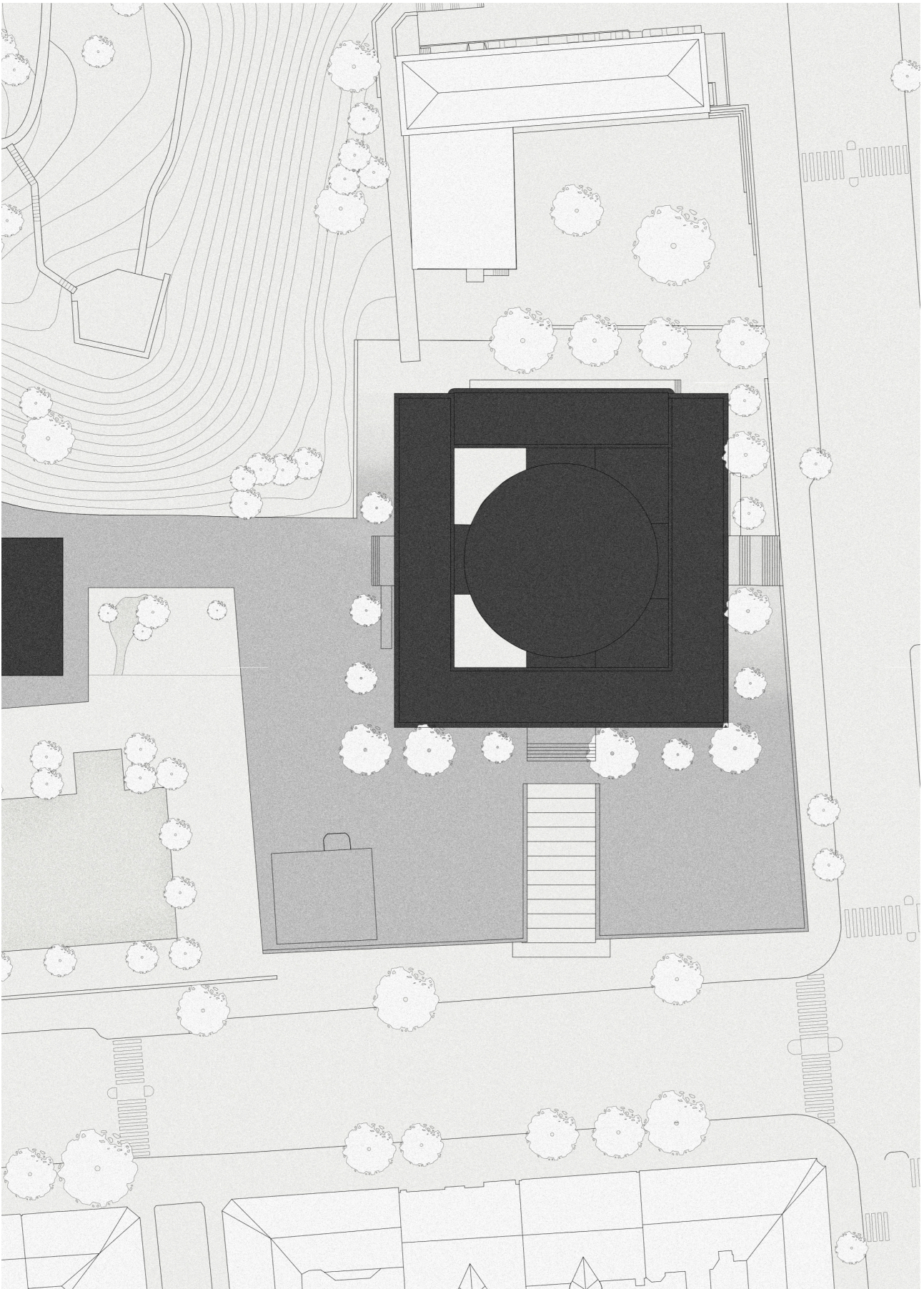
Read, Reflect, Debate
P1 'Room for a Library' 1:25 model





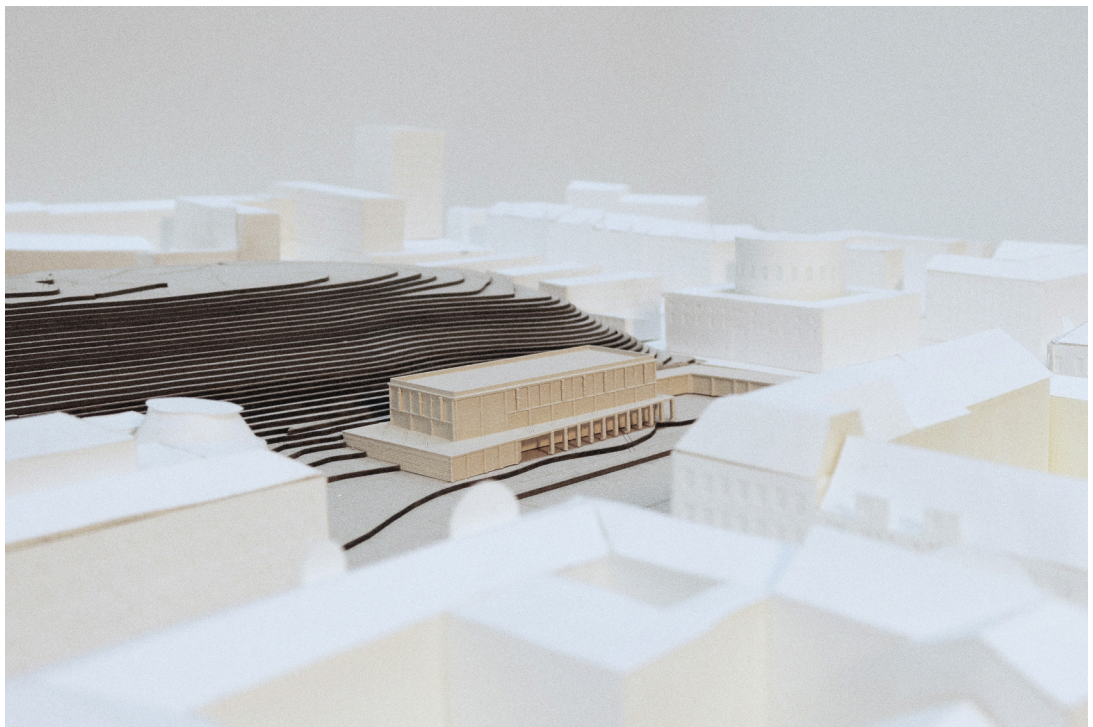
left: city context
right: ensemble diagram



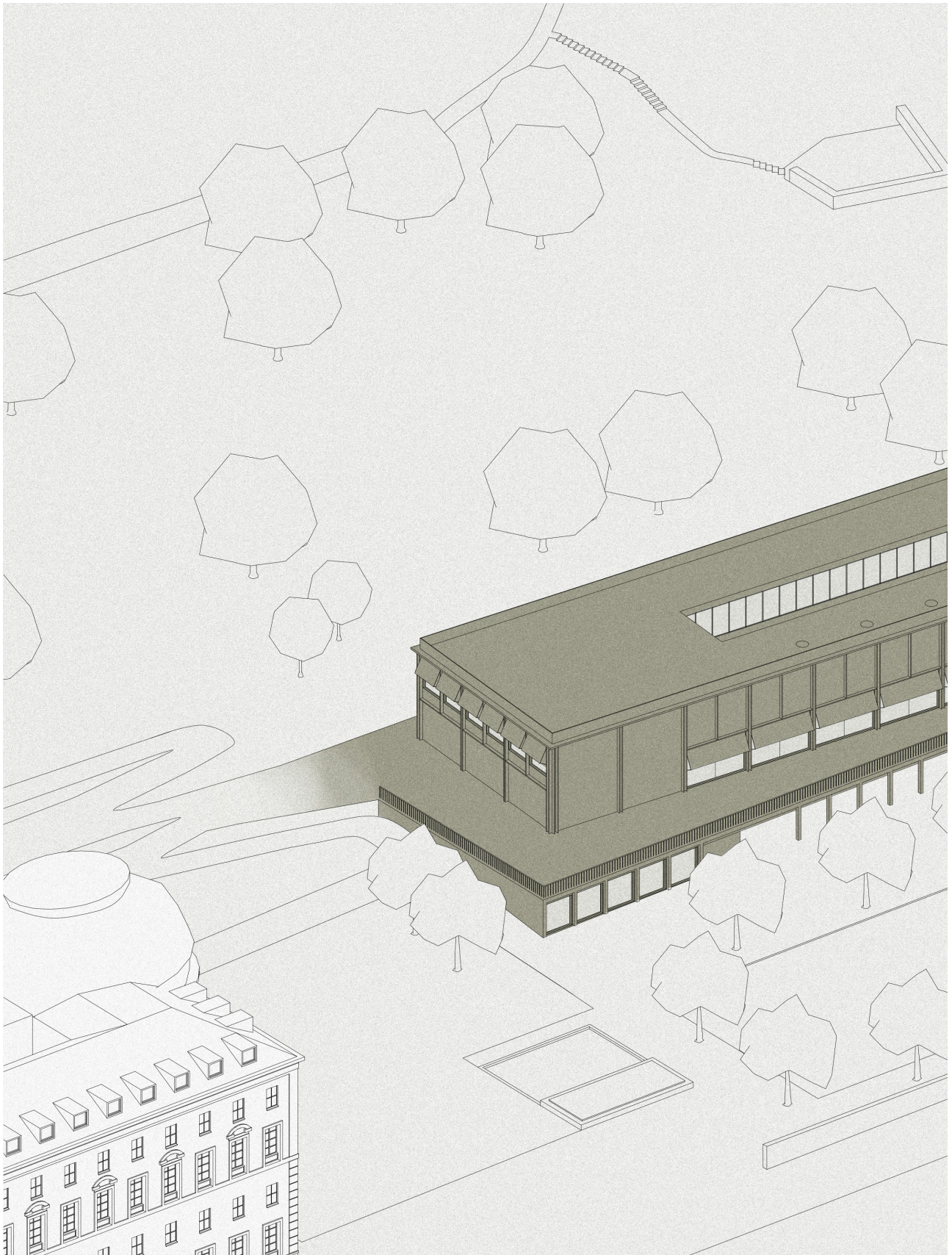


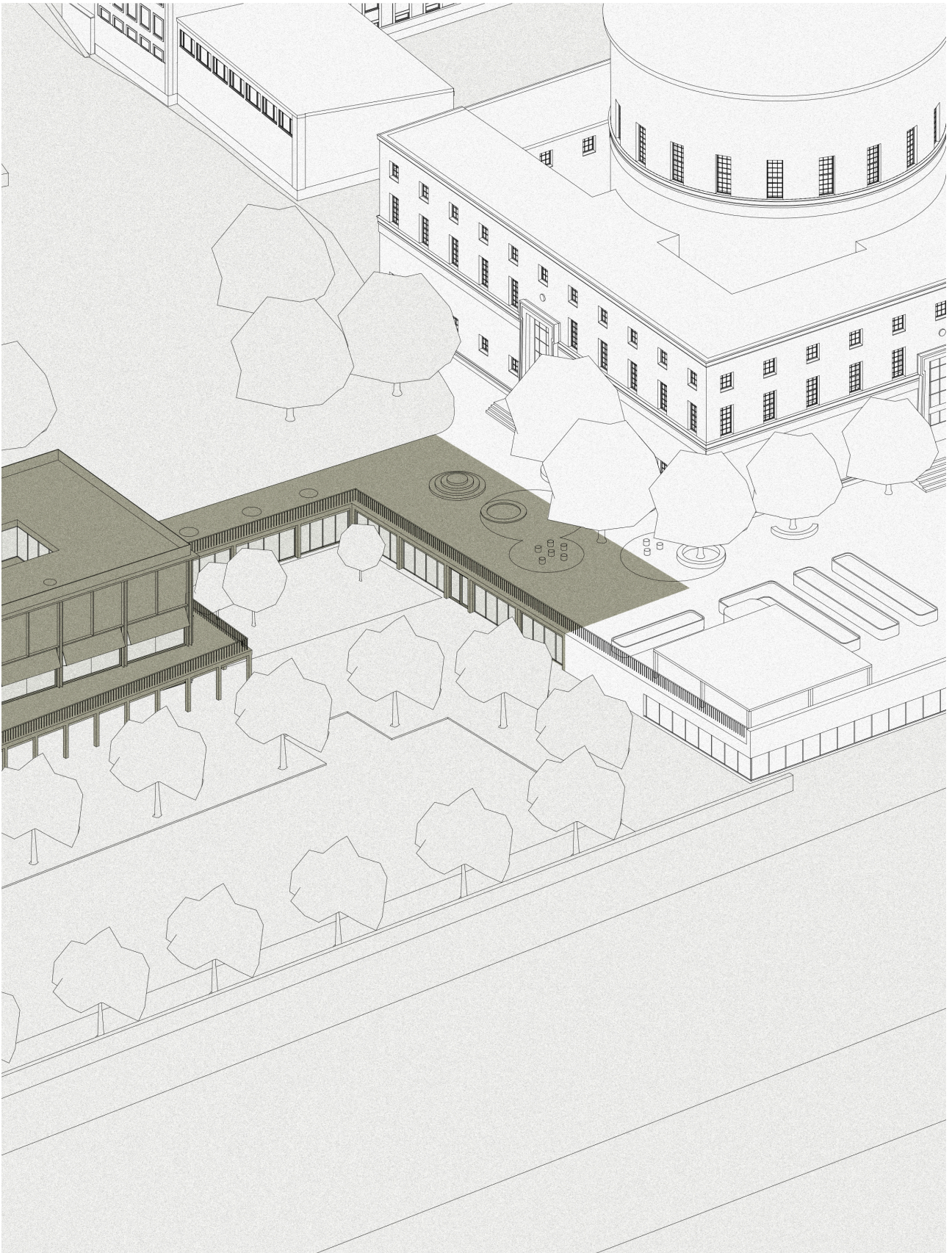
site plan

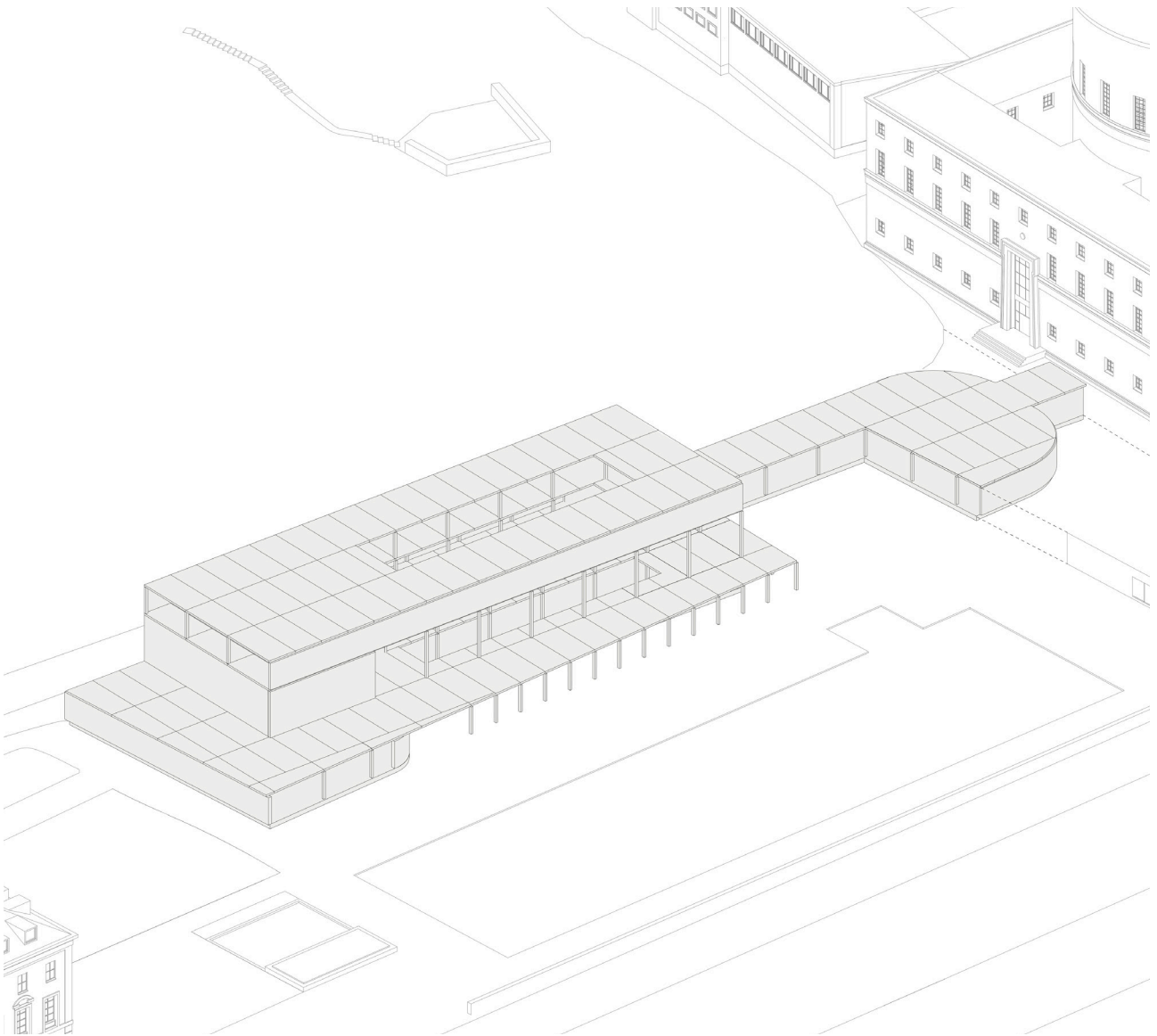


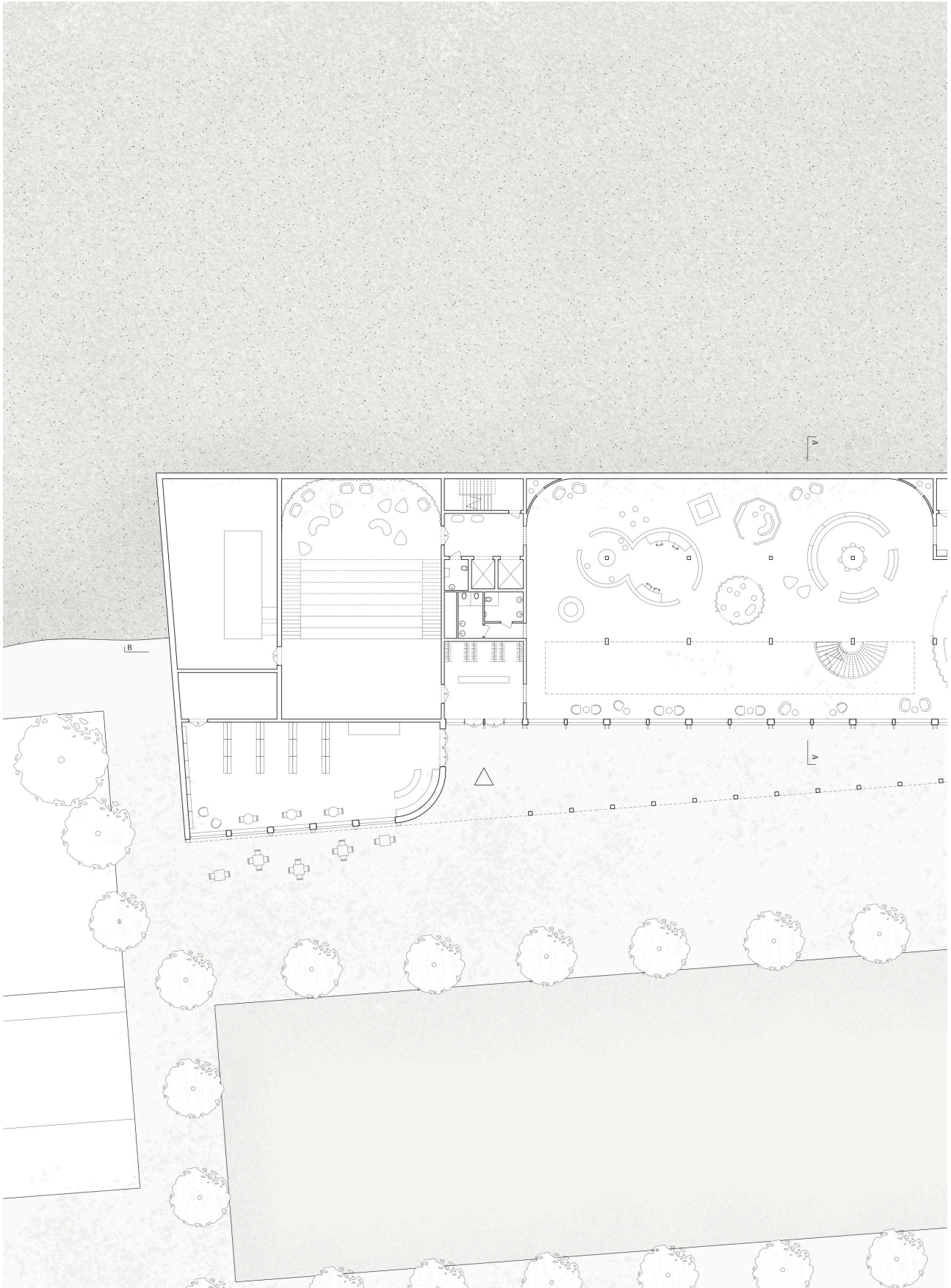


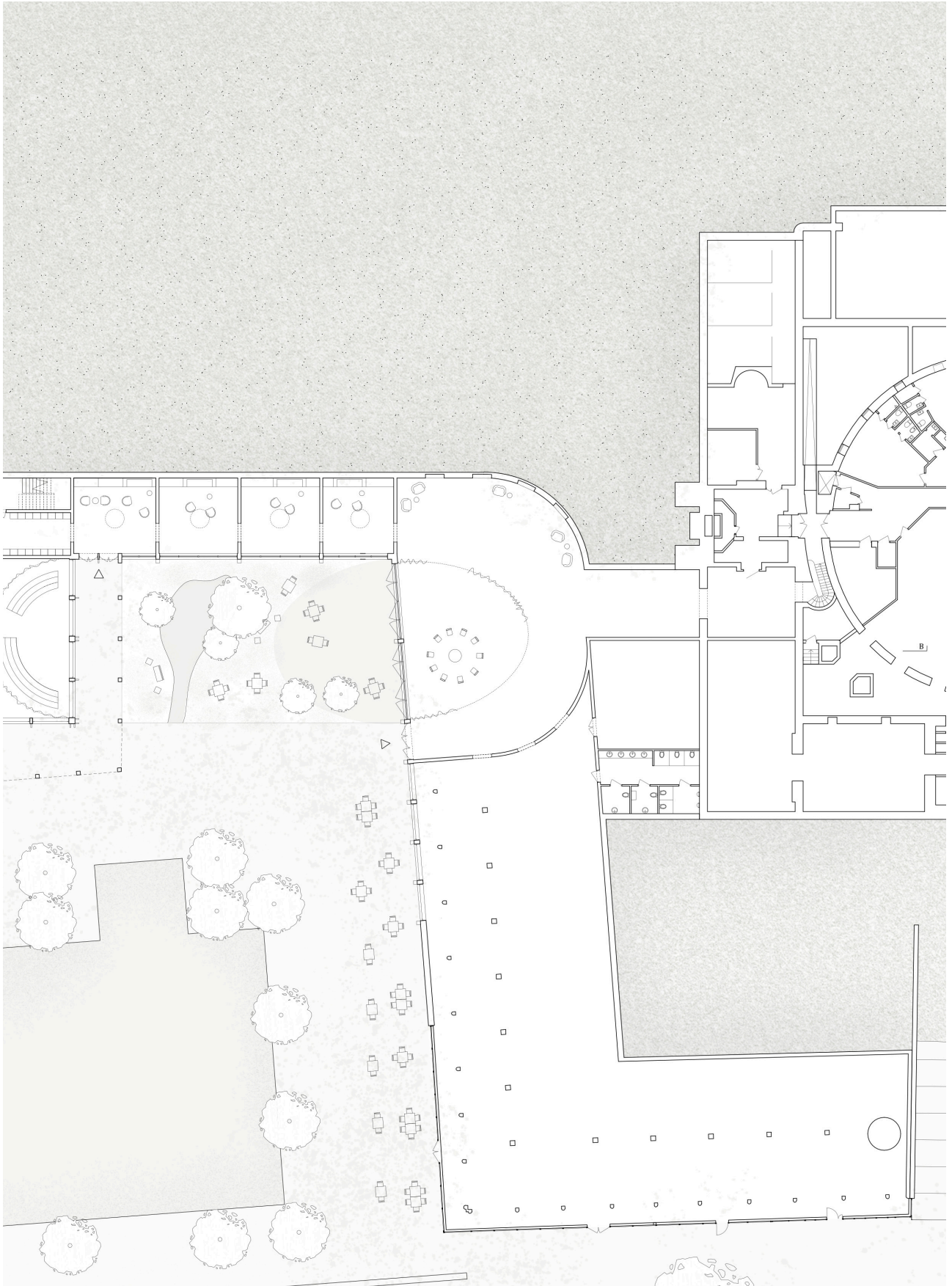
1:500 model









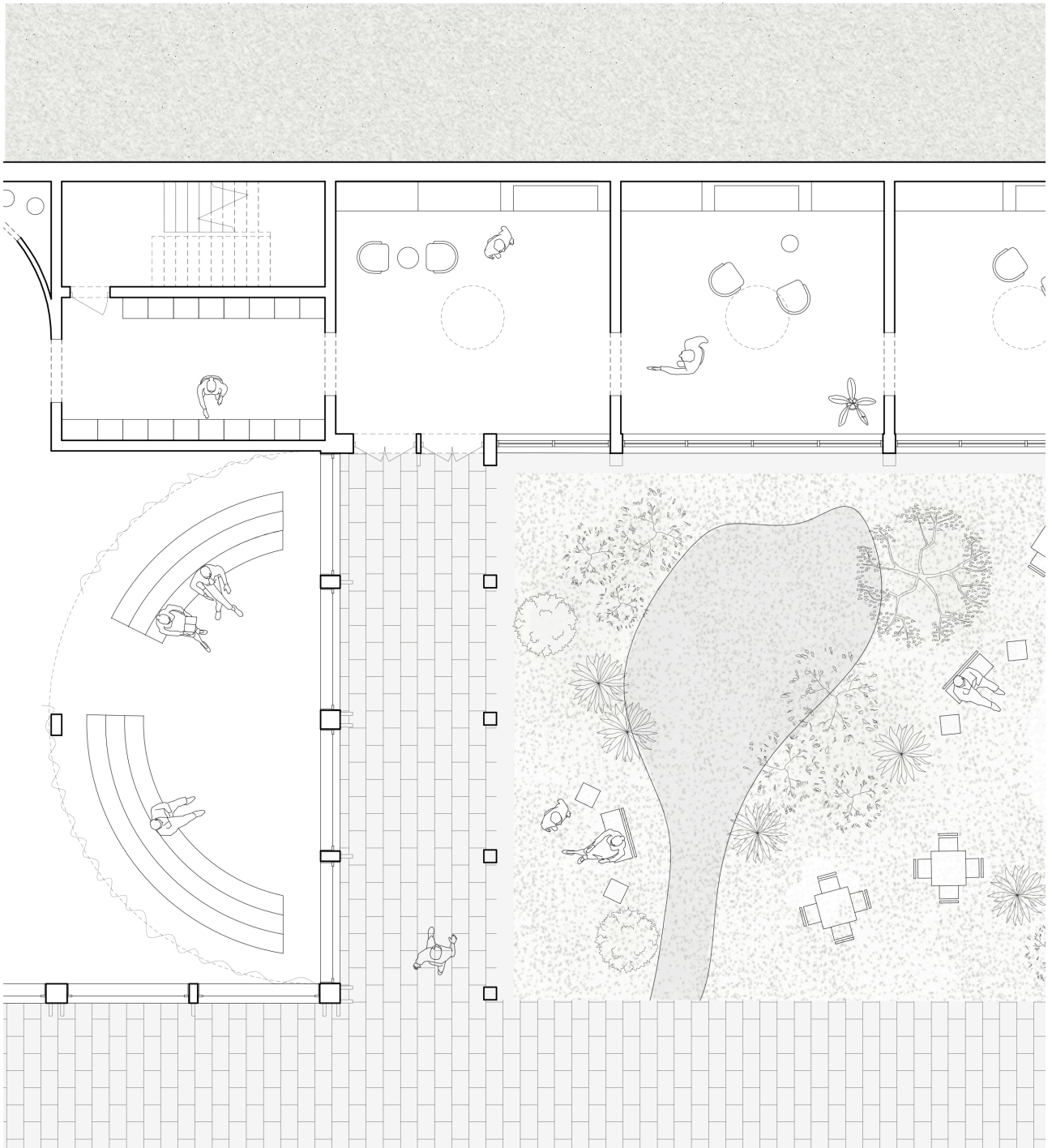


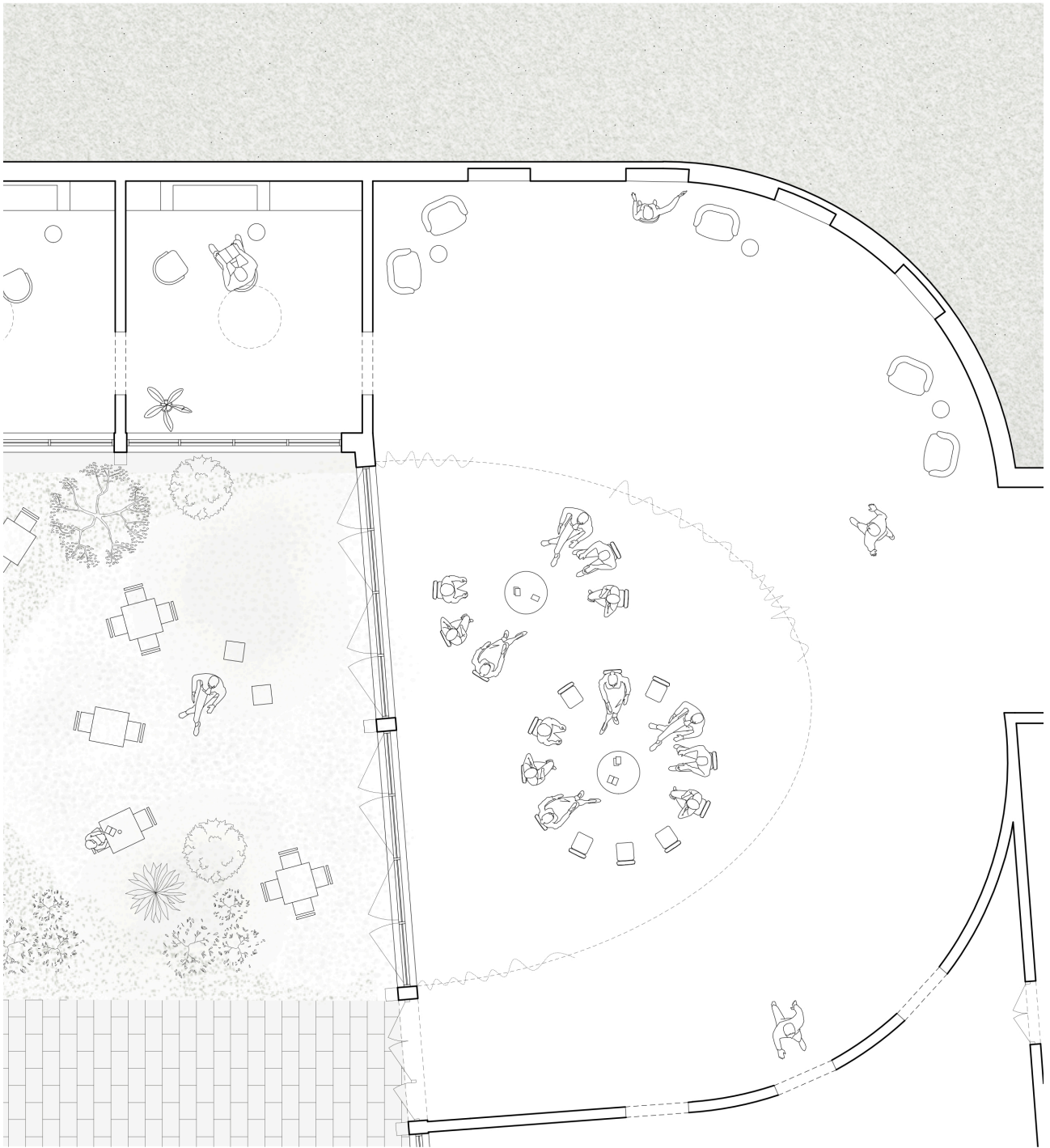
ground floor plan



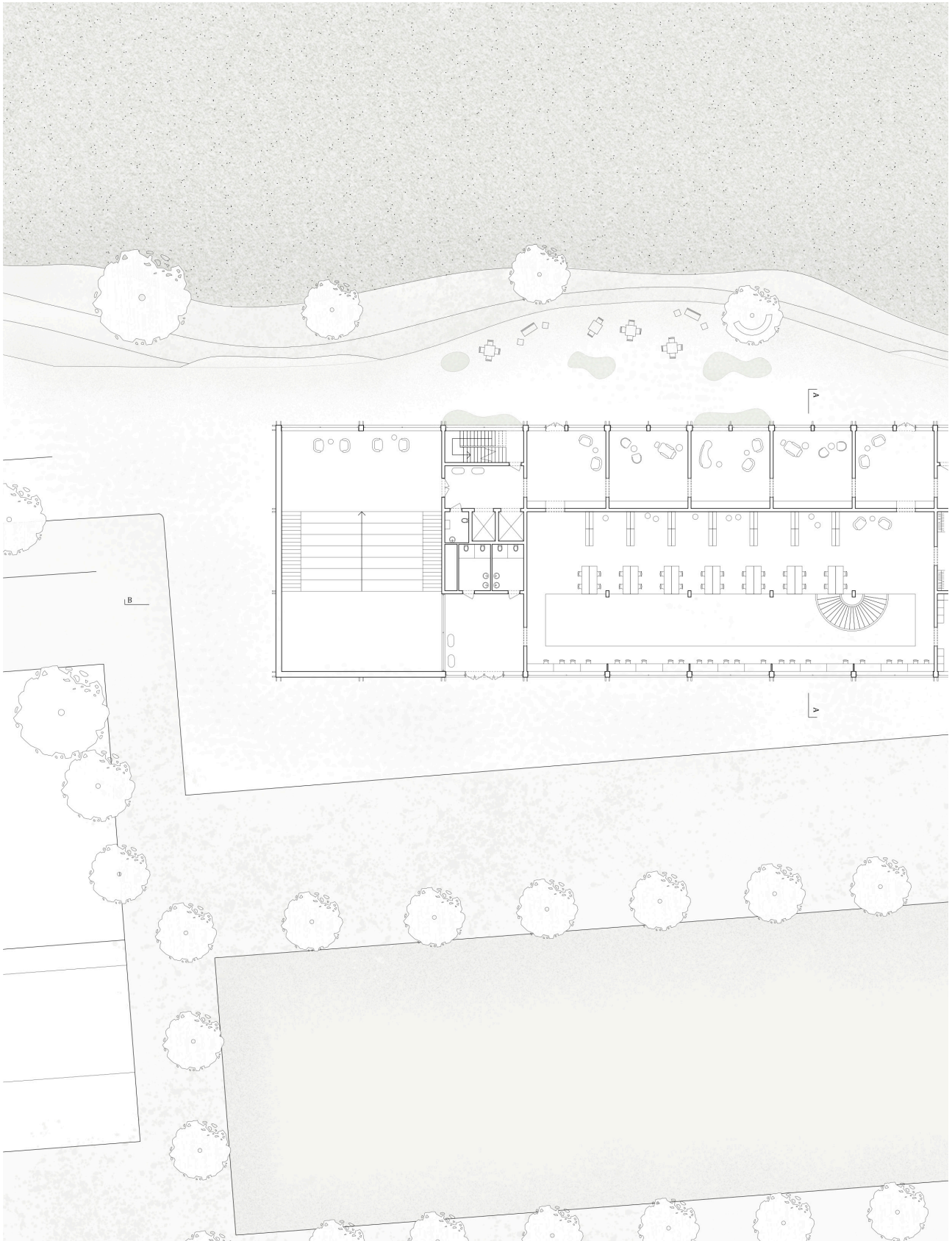


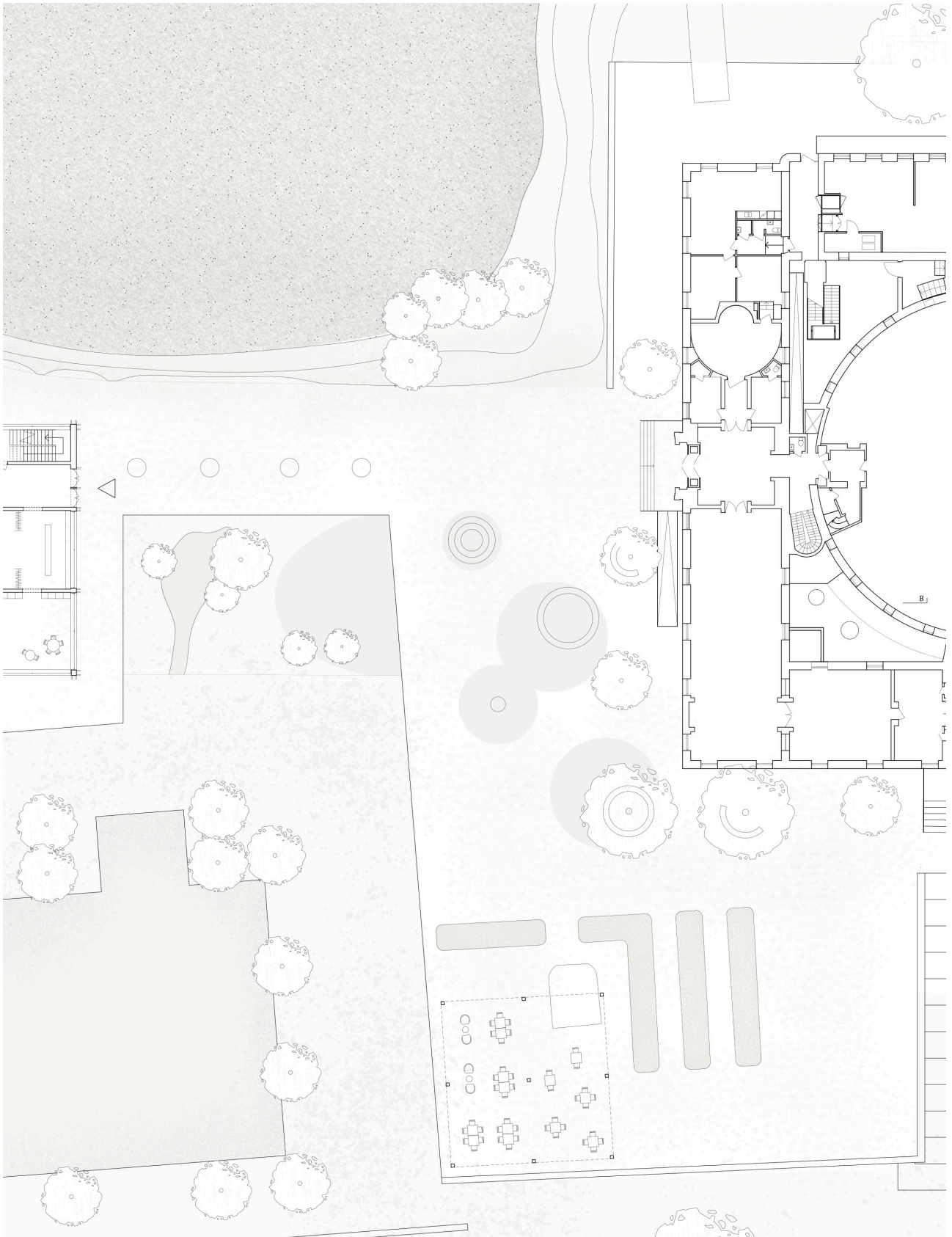
*left: main space interior
right: garden view*





garden plan



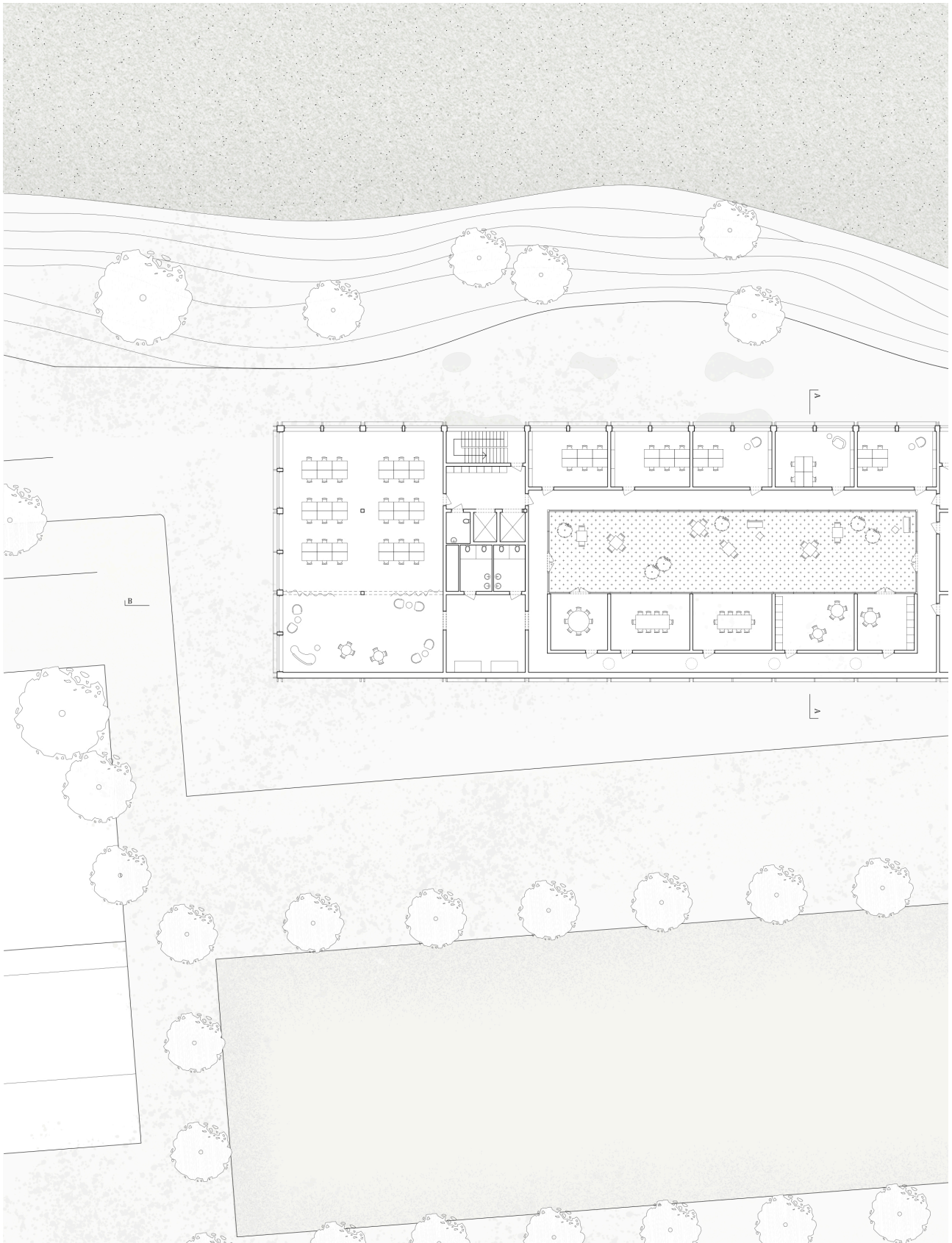


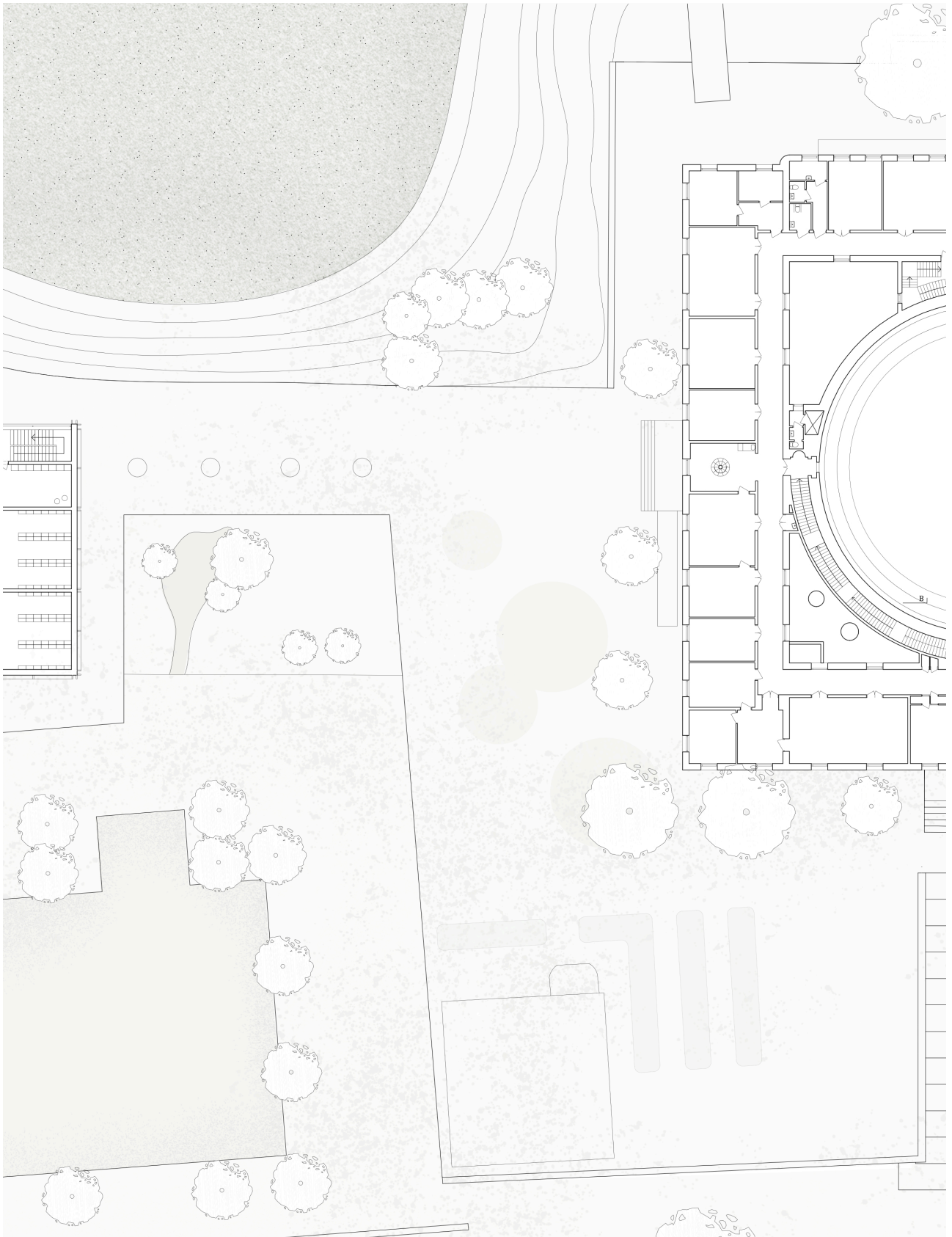
first floor plan





*left: enfilade interior
right: main space interior*





second floor plan





patio view

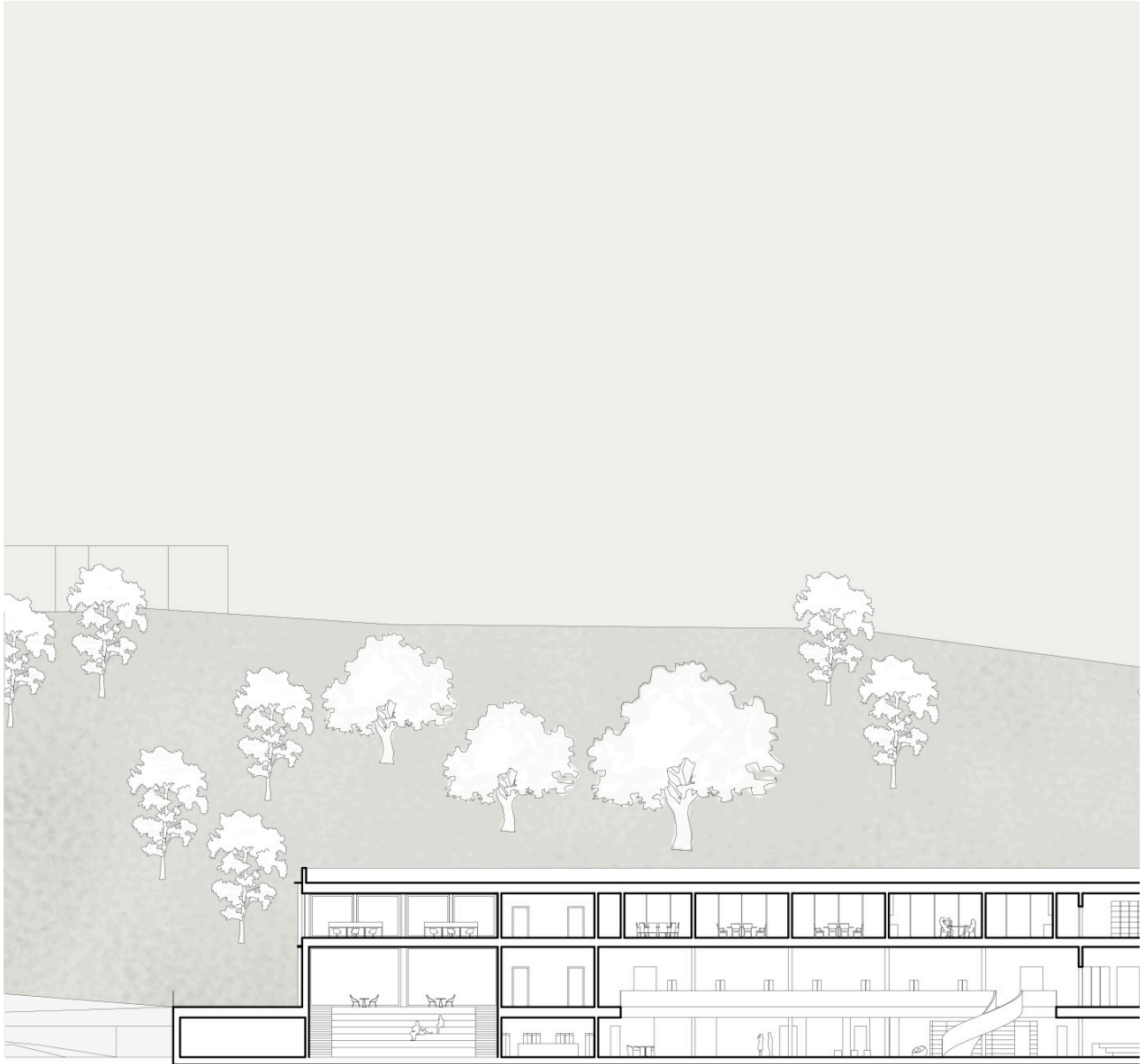


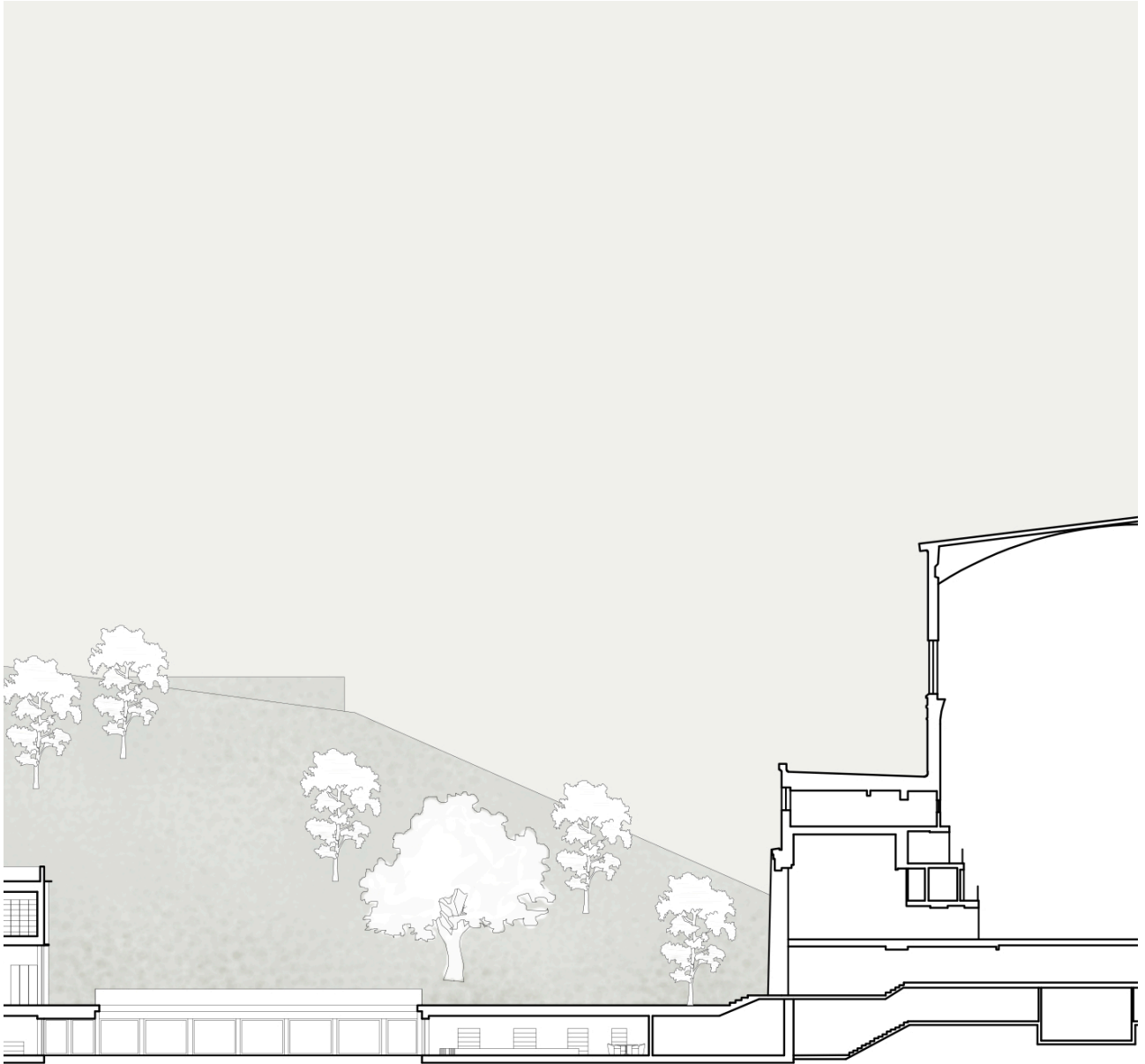


section A-A

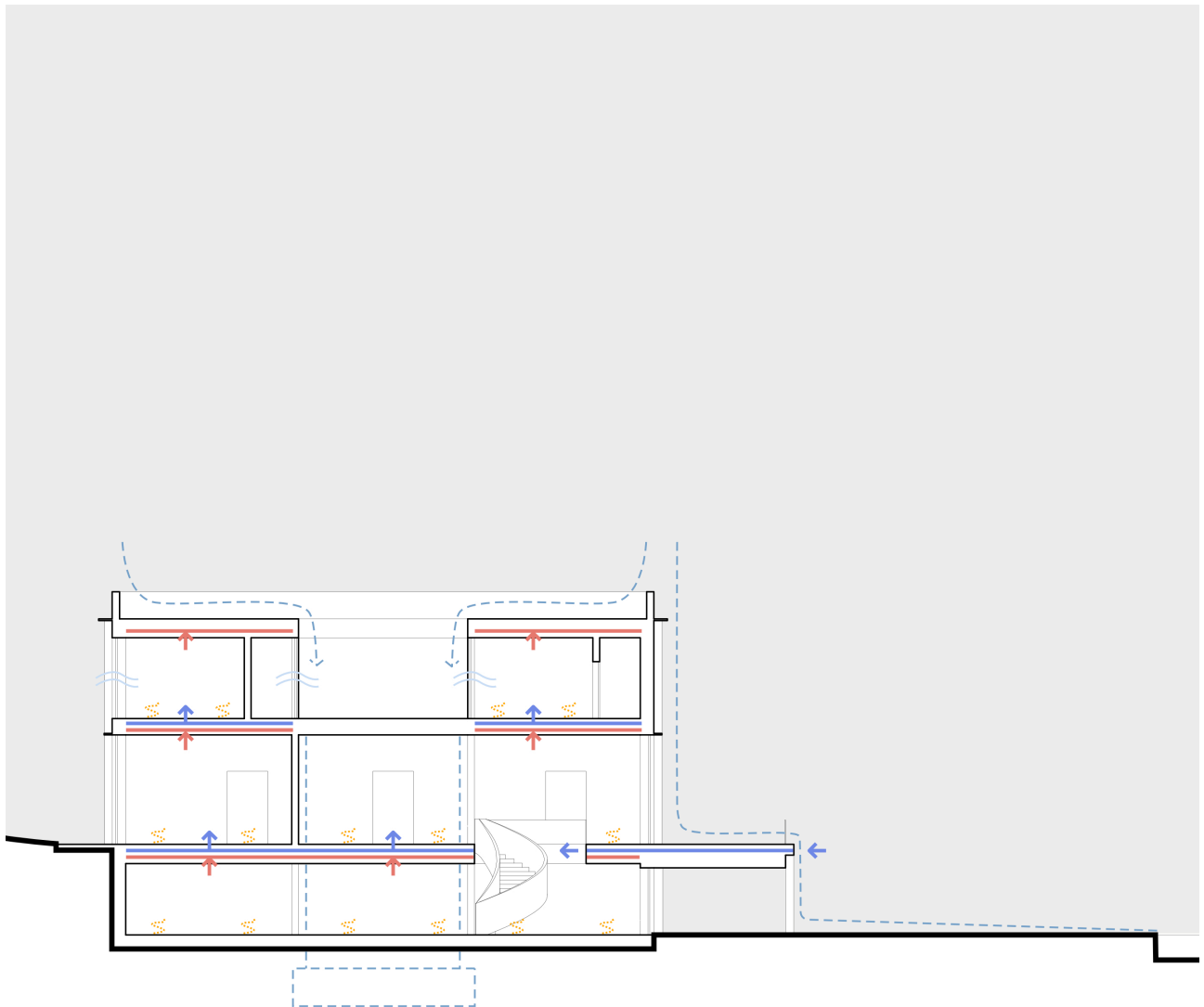


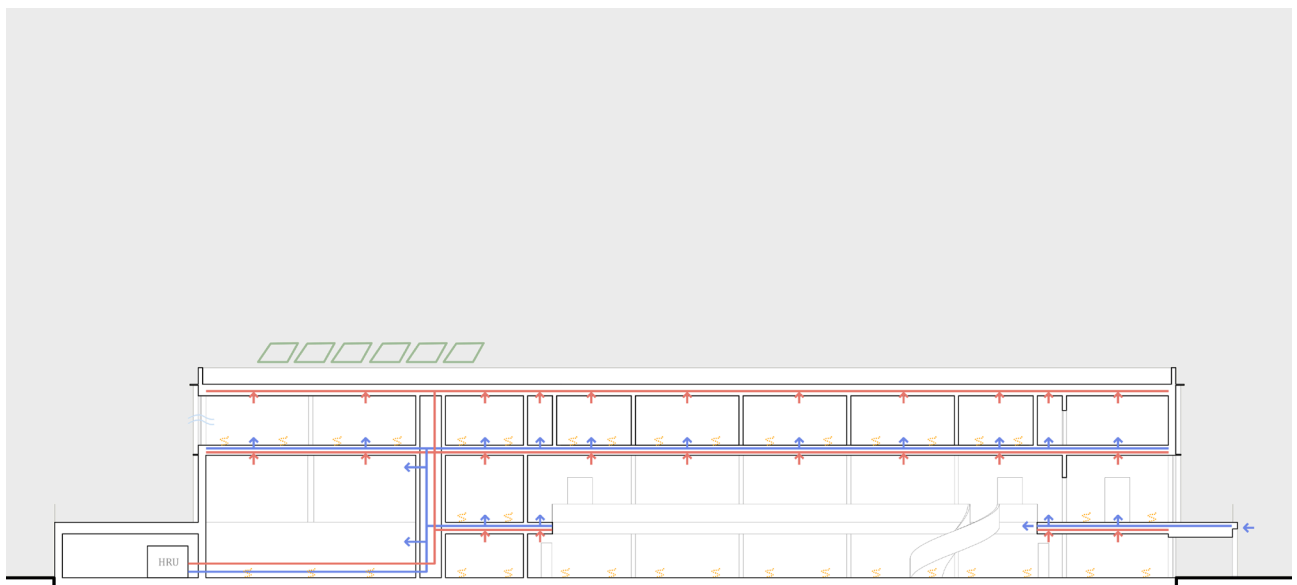
section A-A

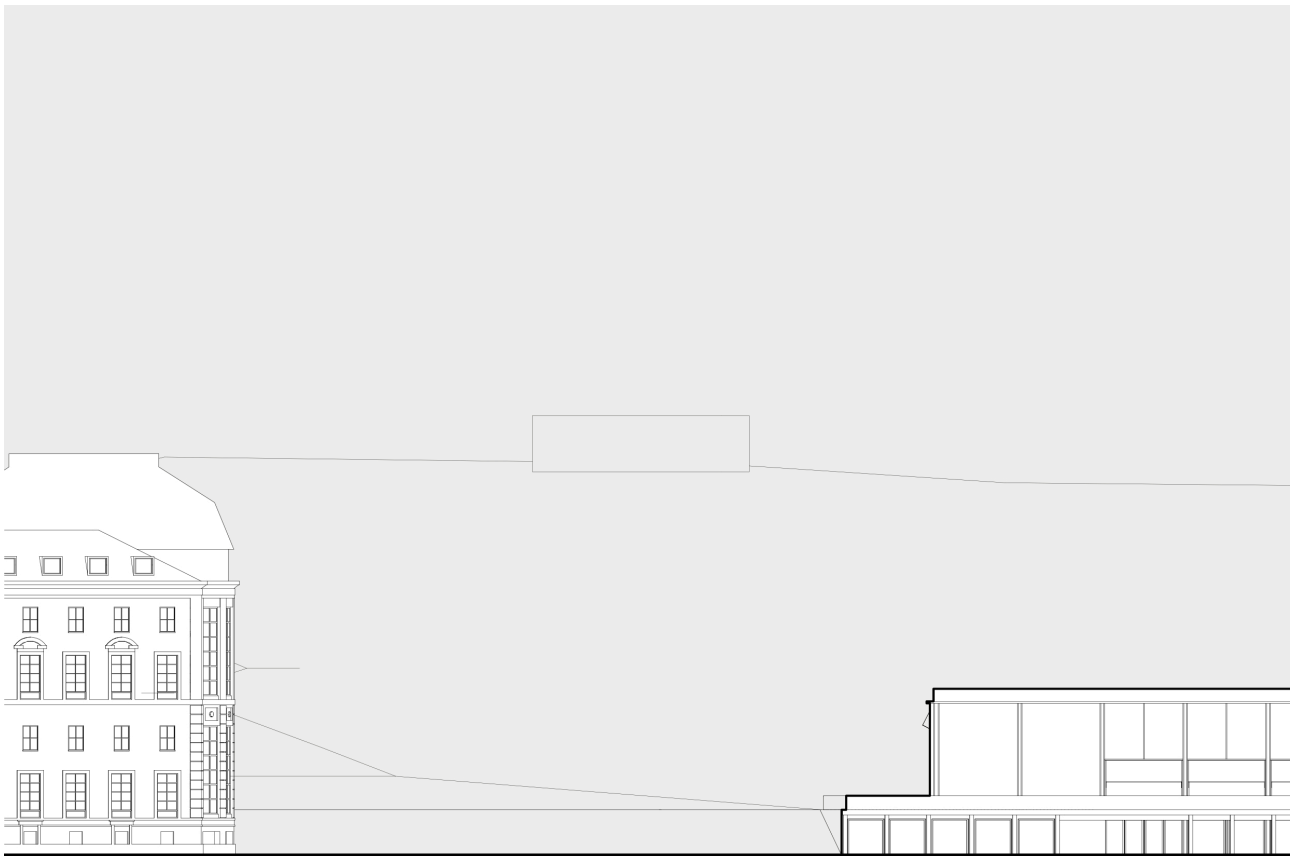


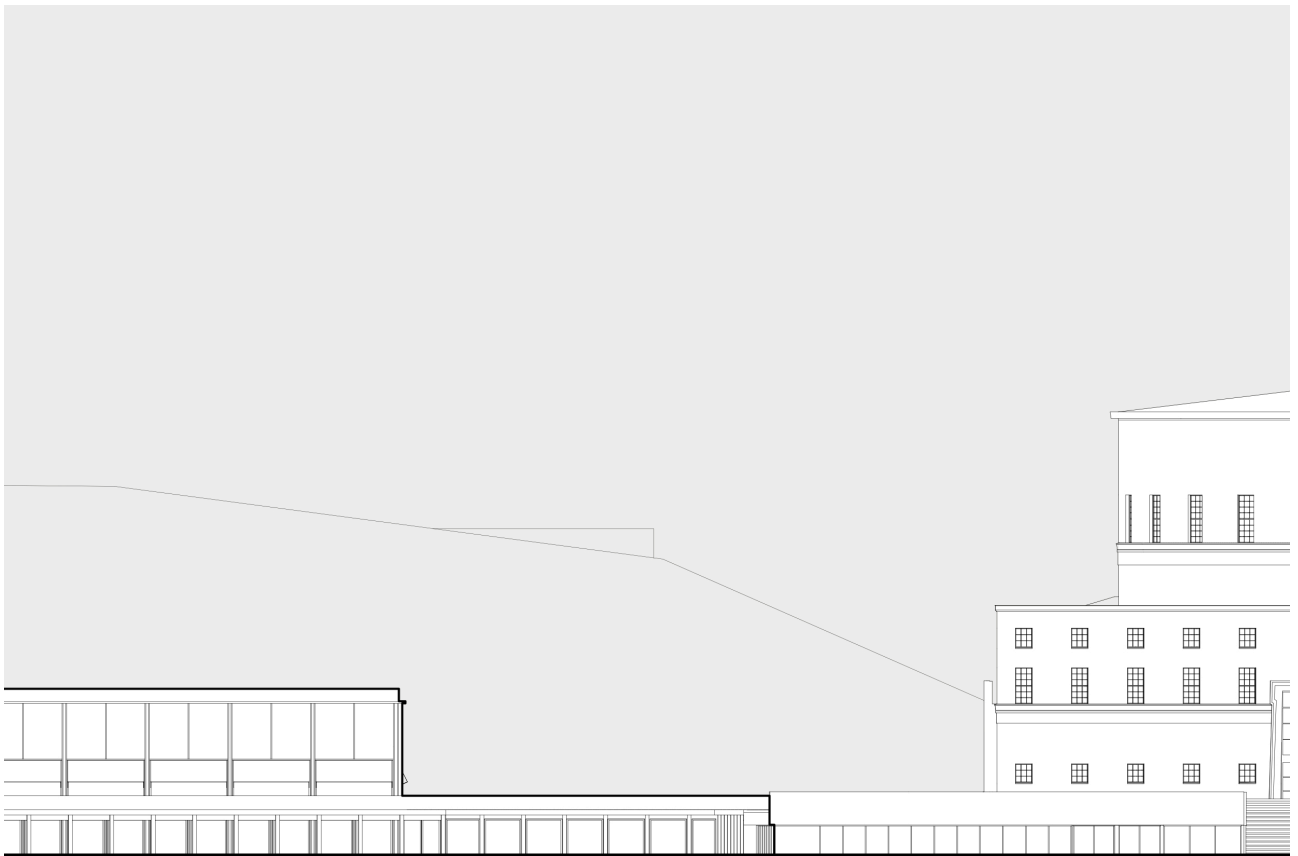


section B-B



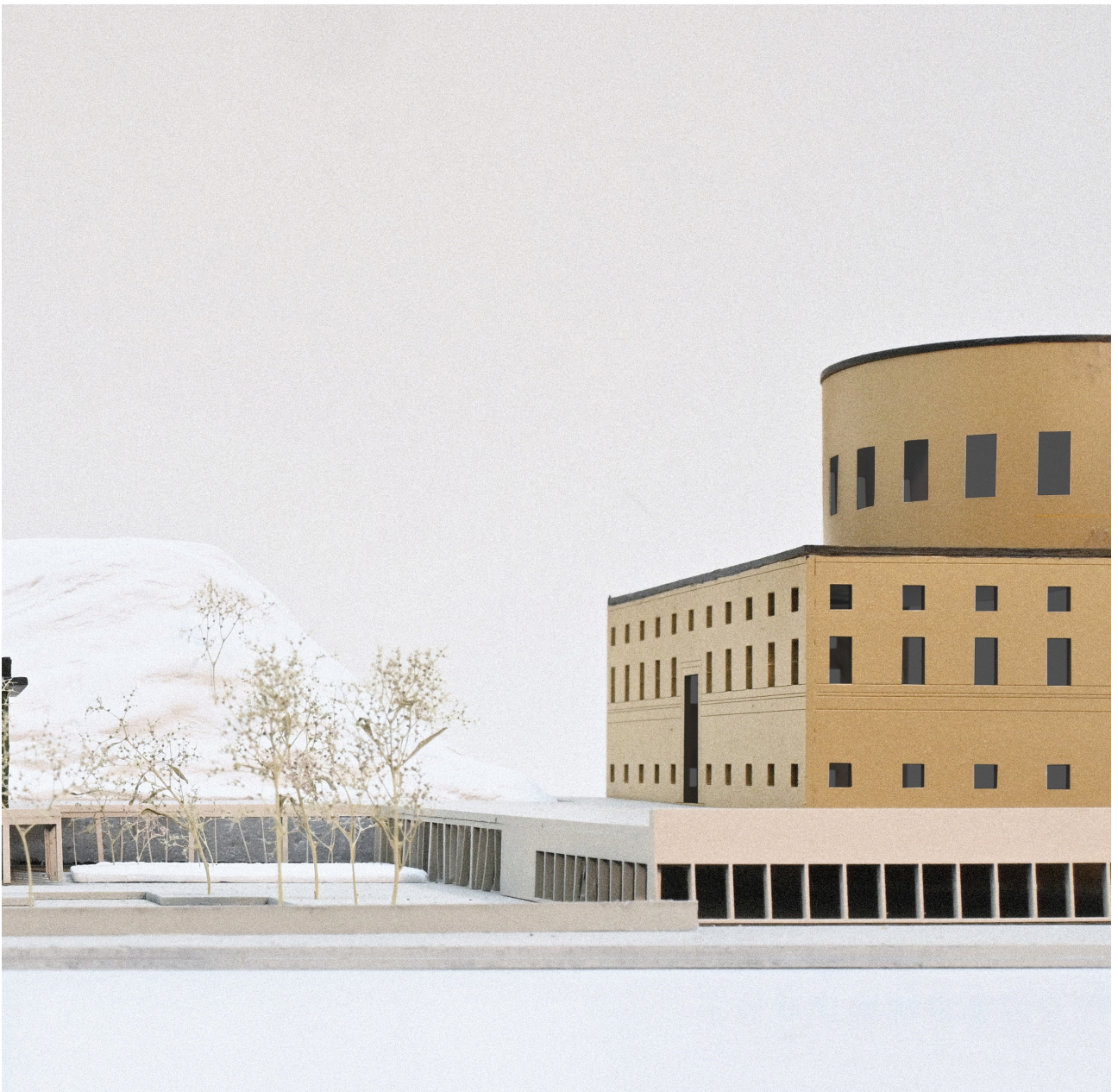






east facade





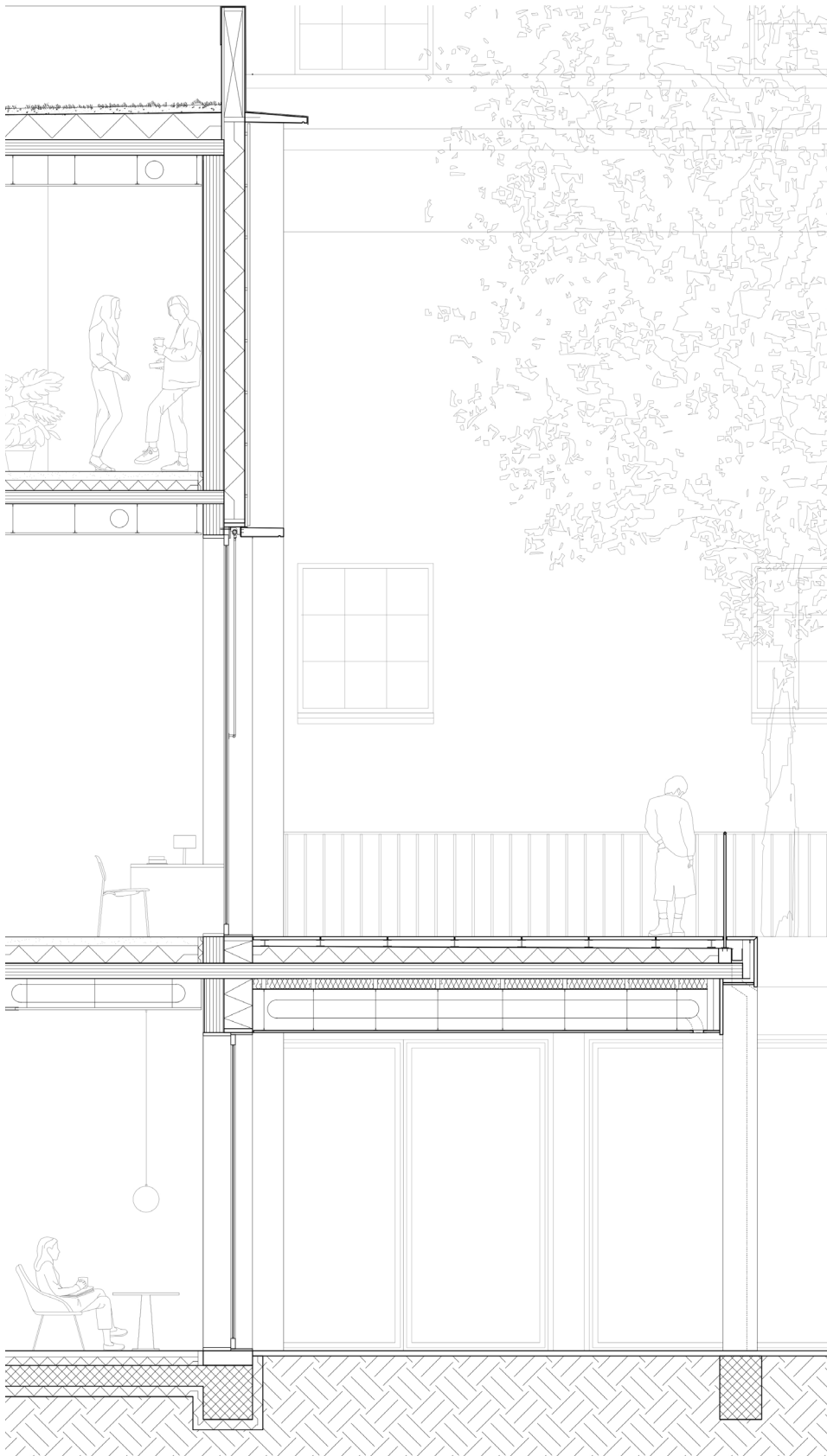
1:250 model





section B-B





facade fragment

1.1 Roof

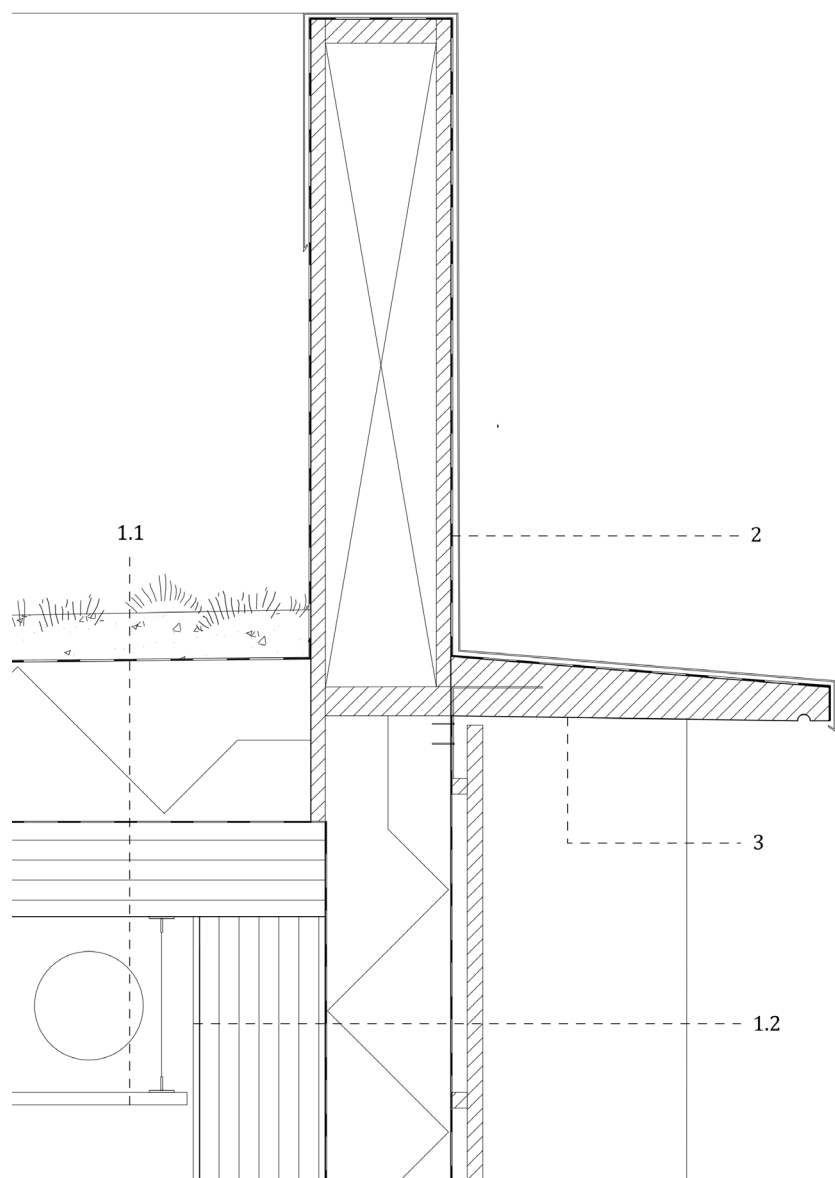
50mm vegetation board
PE separation layer
250mm thermal insulation
PE separation layer
150mm CLT slab
300mm installation cavity
15mm suspended ceiling

1.2 Exterior wall

15mm interior finish
200mm CLT slab
PE separation layer
200mm frame structure/insulation
PE separation layer
25mm battens/ventilated cavity
25mm exterior wooden panels

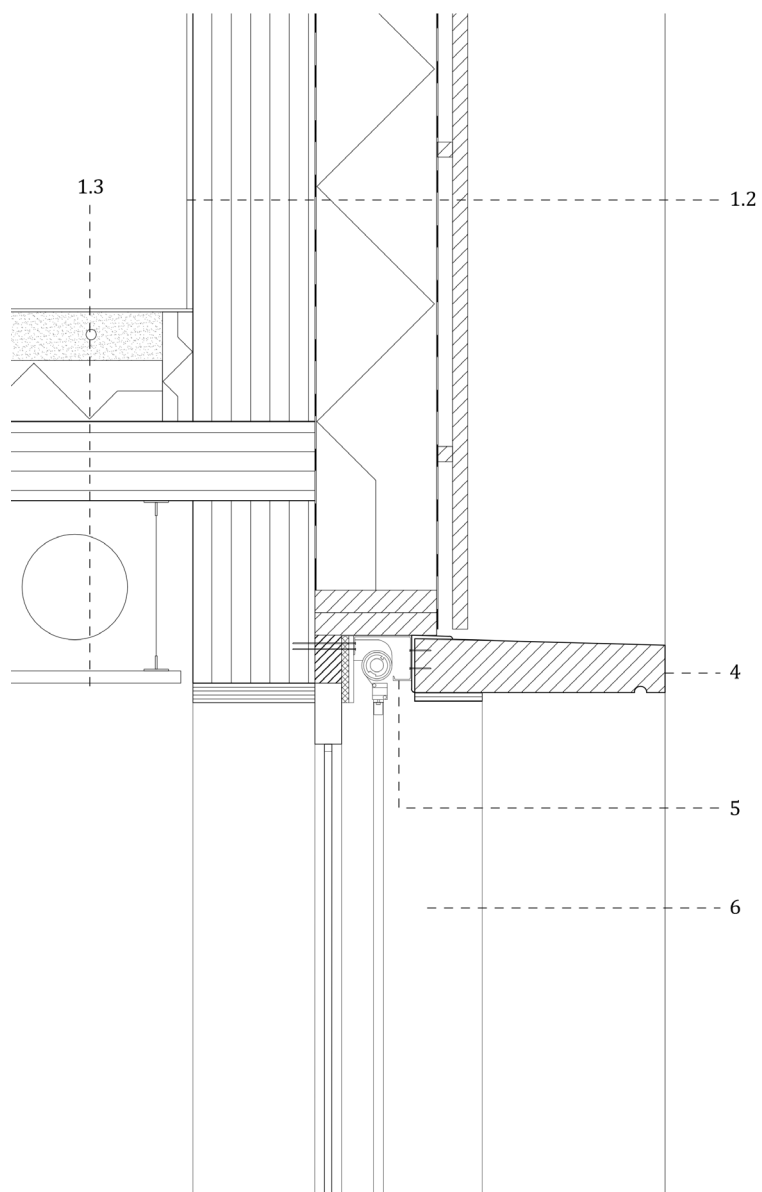
2 Roof parapet, covered in painted aluminium

3 Eave, part of the exterior timber frame structure





roof detail



1.3 Interior floor

10mm finish
 80mm cement screed with floor heating
 10mm soundproofing insulation
 130mm CLT slab
 300mm installation cavity
 15mm suspended ceiling

4 Shading system

5 Horizontal eave of the timber frame structure

6 Wooden window frame



window detail

1.4 Terrace floor
 30mm stone tiles
 70mm tile support
 PE separation level
 150mm hard insulation
 PE separation level
 100mm soft insulation
 400mm installation cavity
 15mm suspended ceiling

7 Railing

8 Horizontal drainpipe

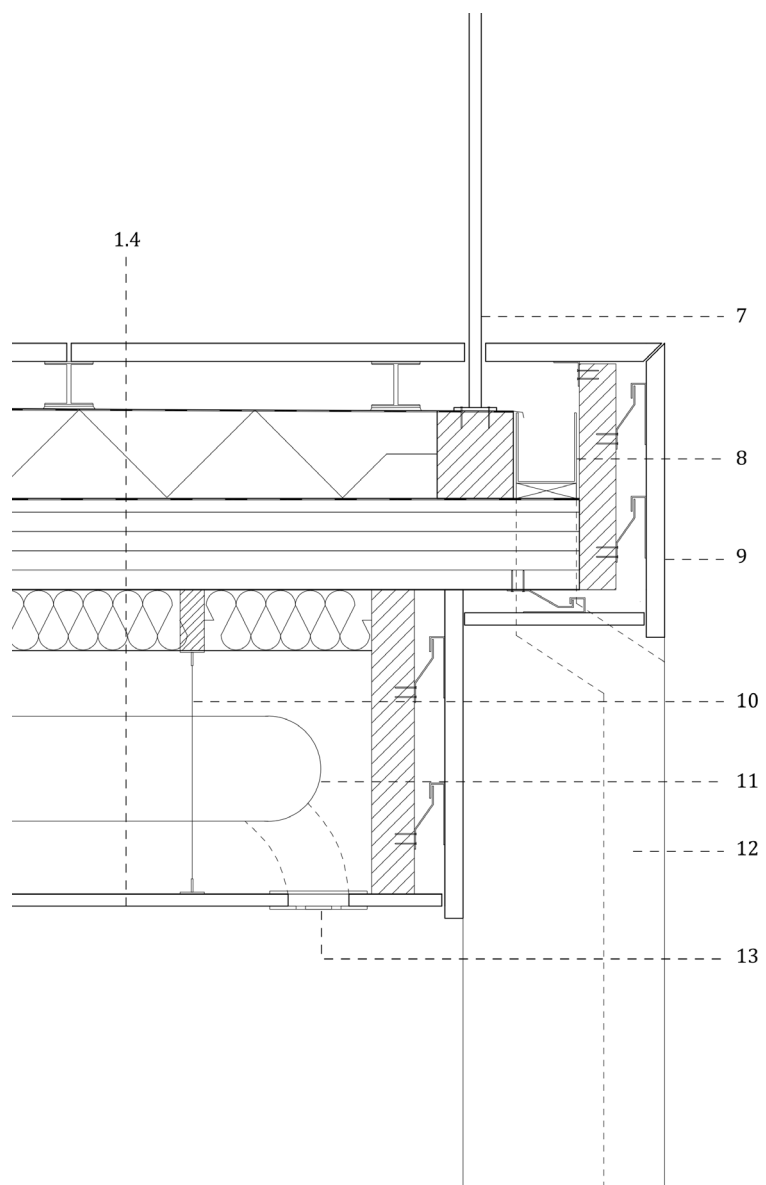
9 Stone cladding

10 Suspended ceiling system

11 Ventilation pipe

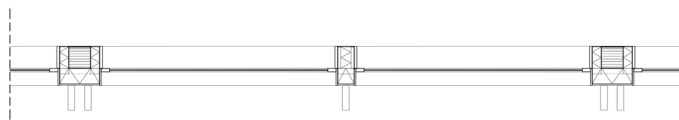
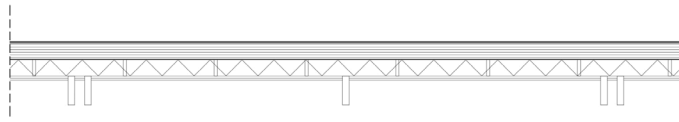
12 Vertical drainpipe embedded in column

13 Ventilation grill





terrace detail



horizontal detail





eastern facade view