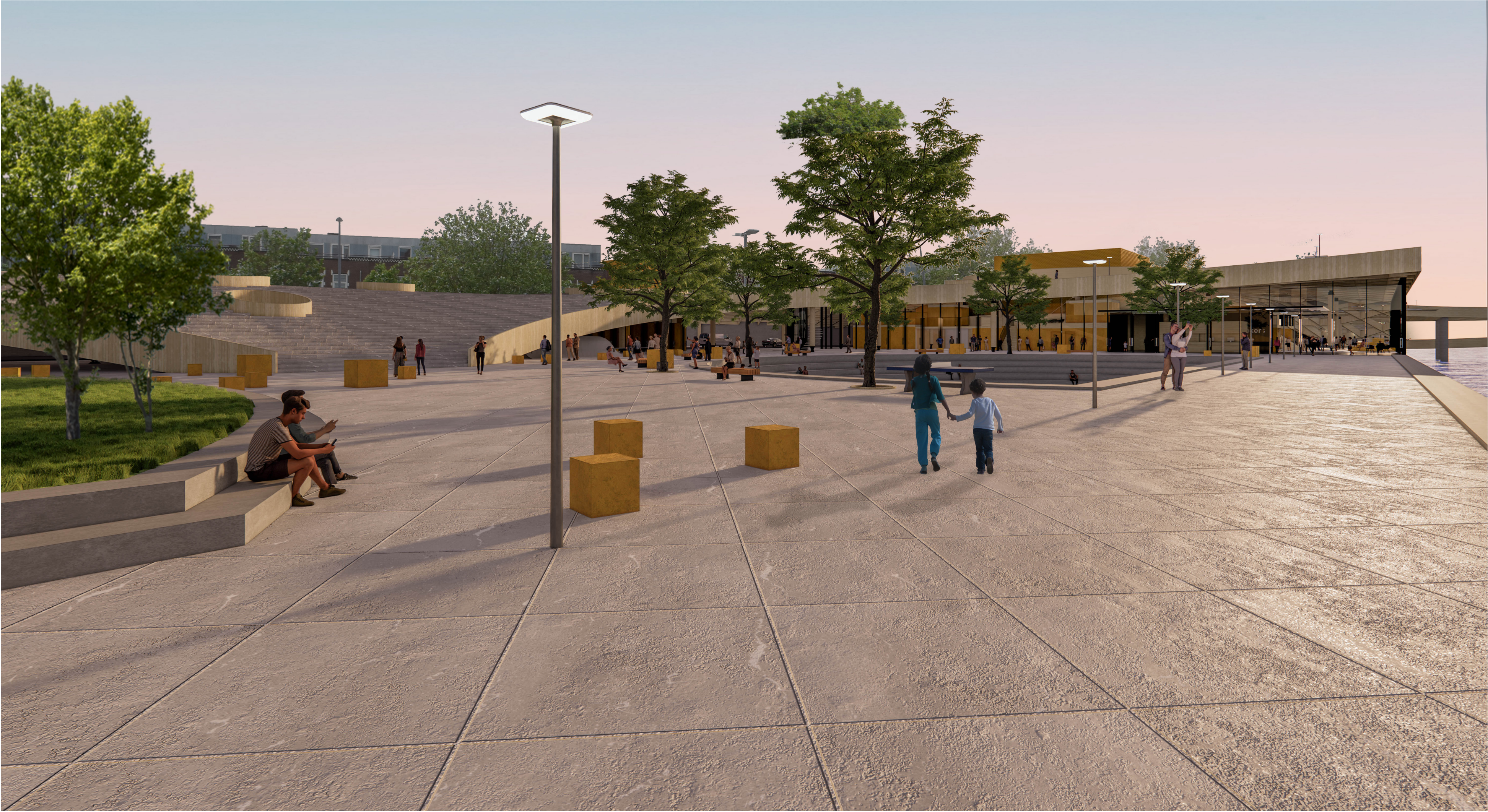


# Museum Zuid

connecting culture through  
multifunctional design

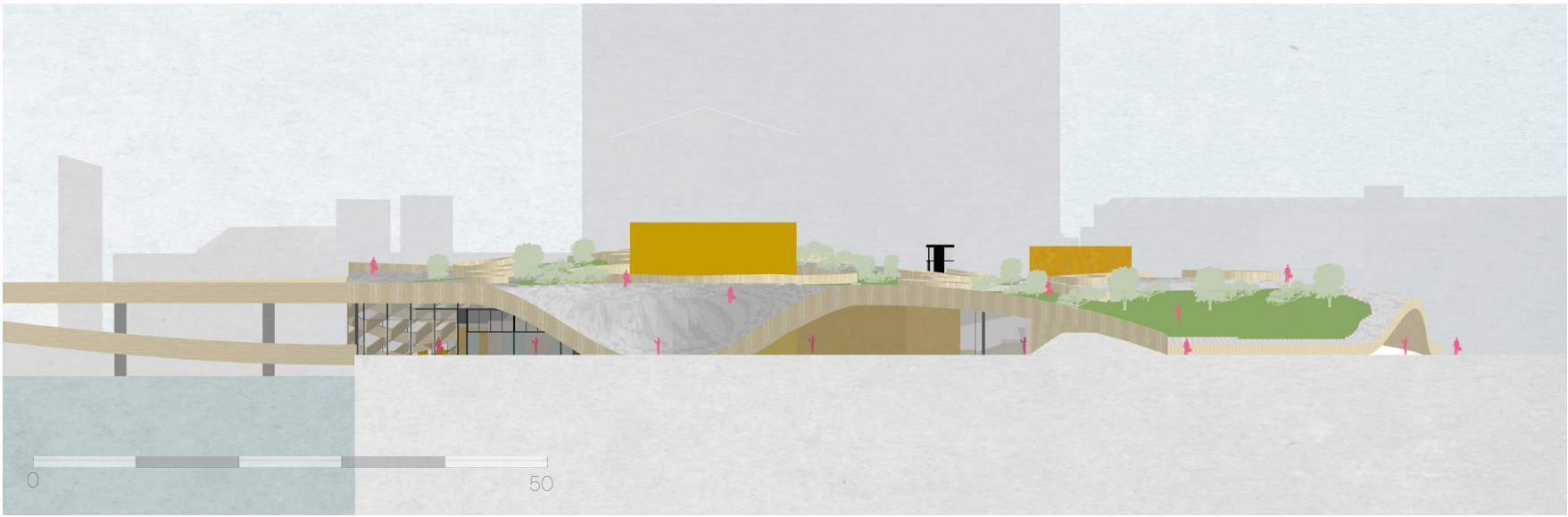
Max van Steen  
P5 Public Building Graduation Studio  
24-06-2021



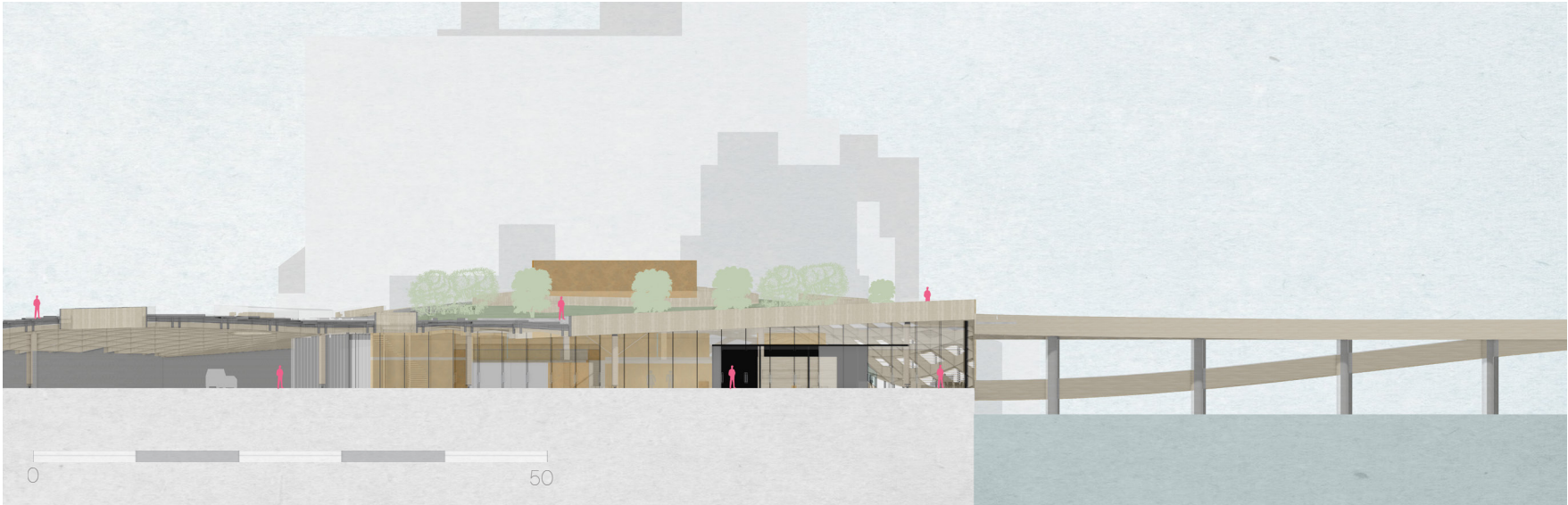
Public space ground floor



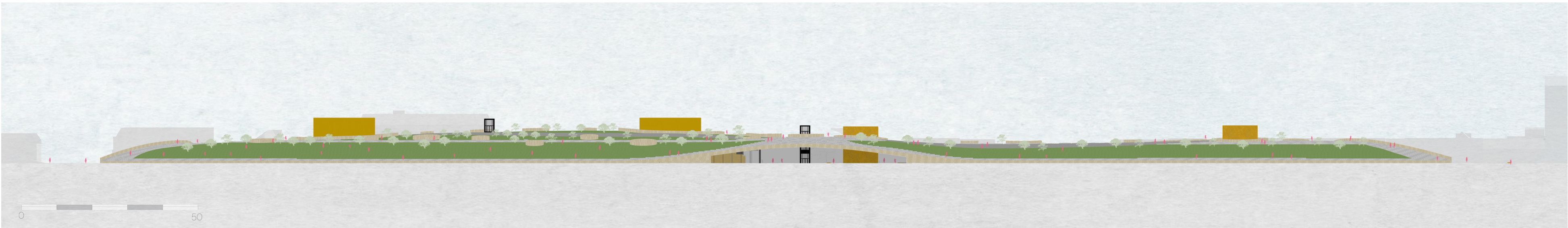
Manifesto



West facade



East facade

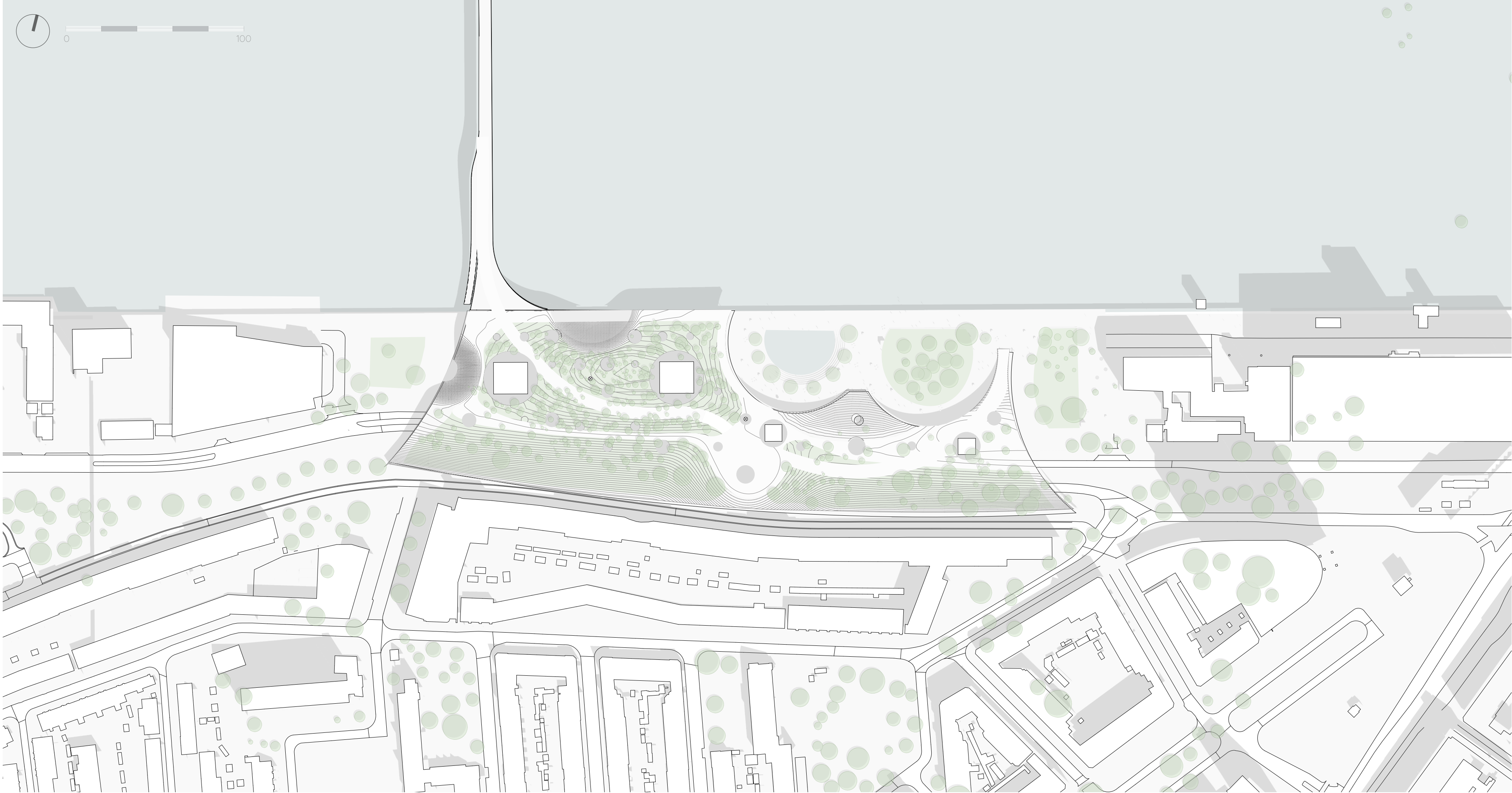


South facade

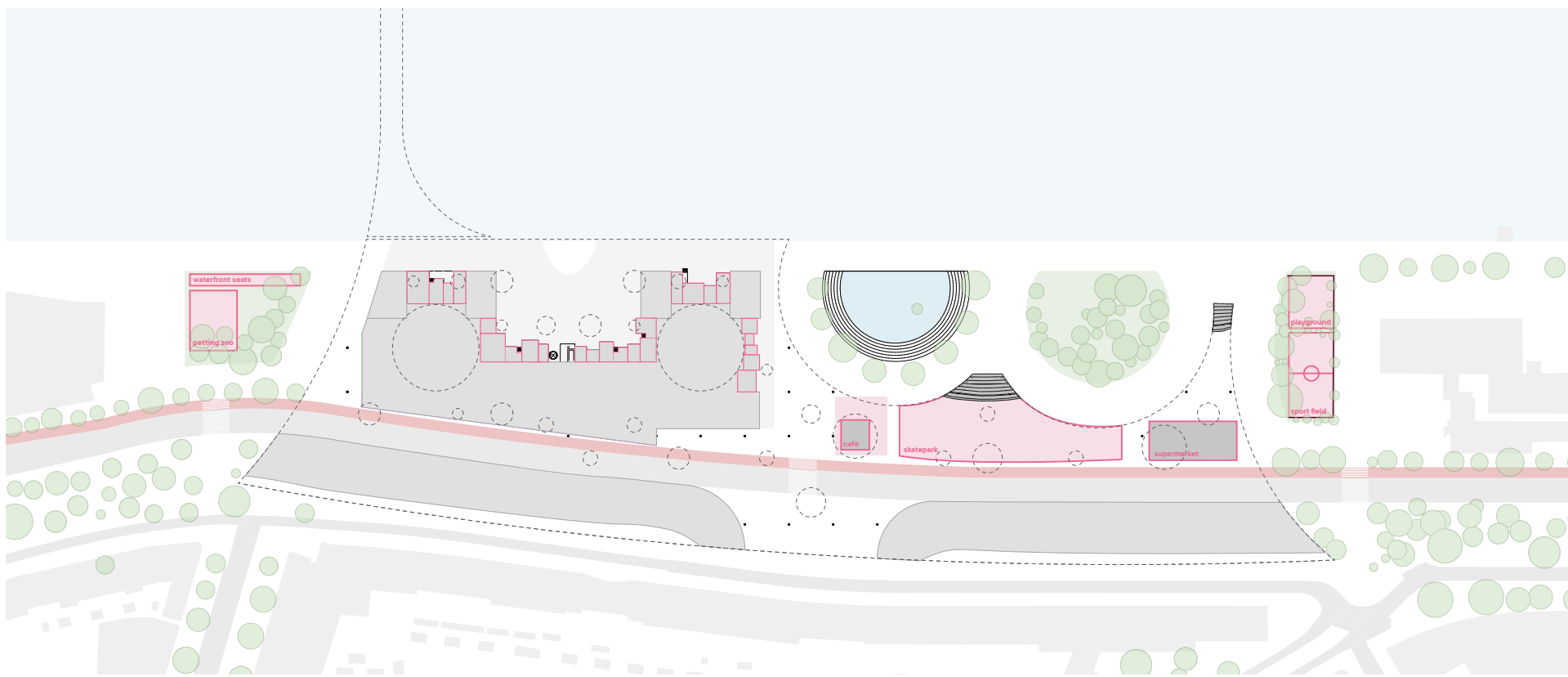


North facade

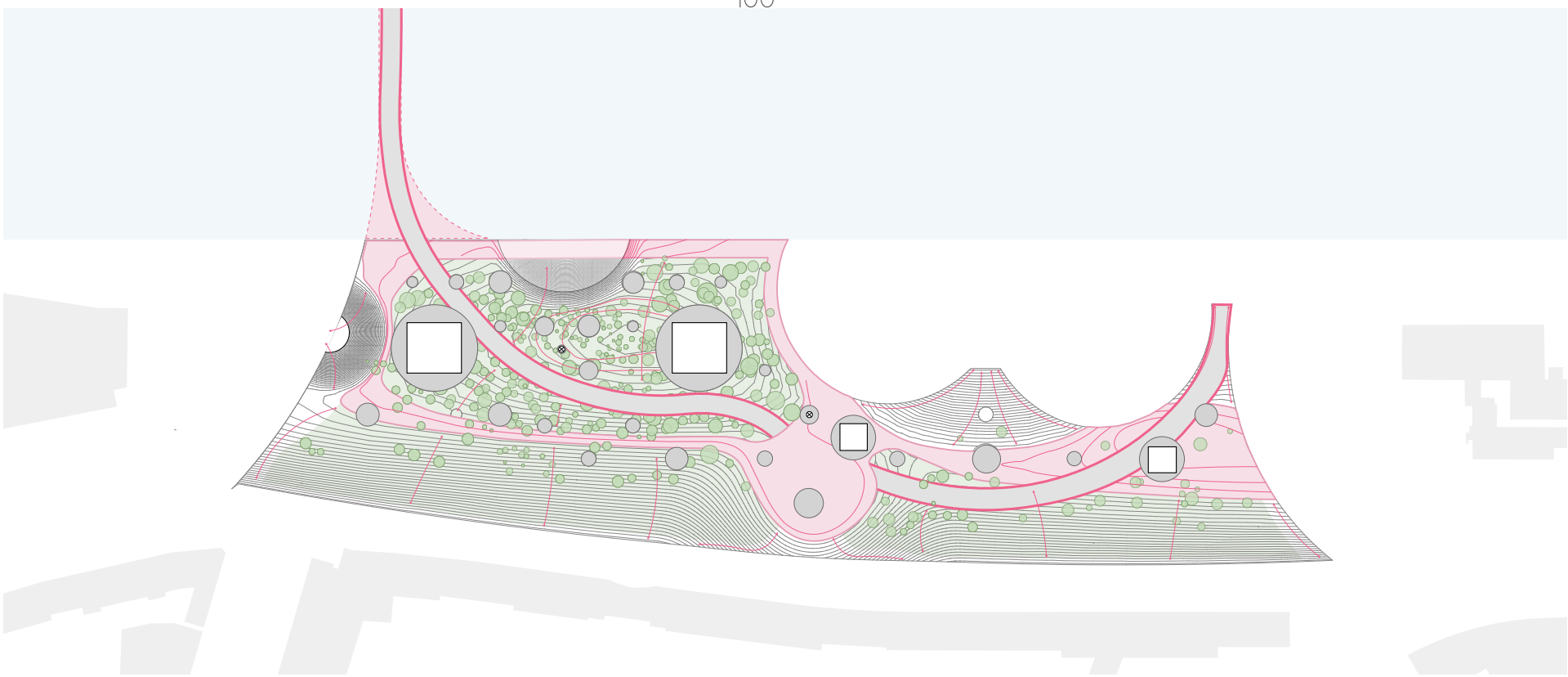




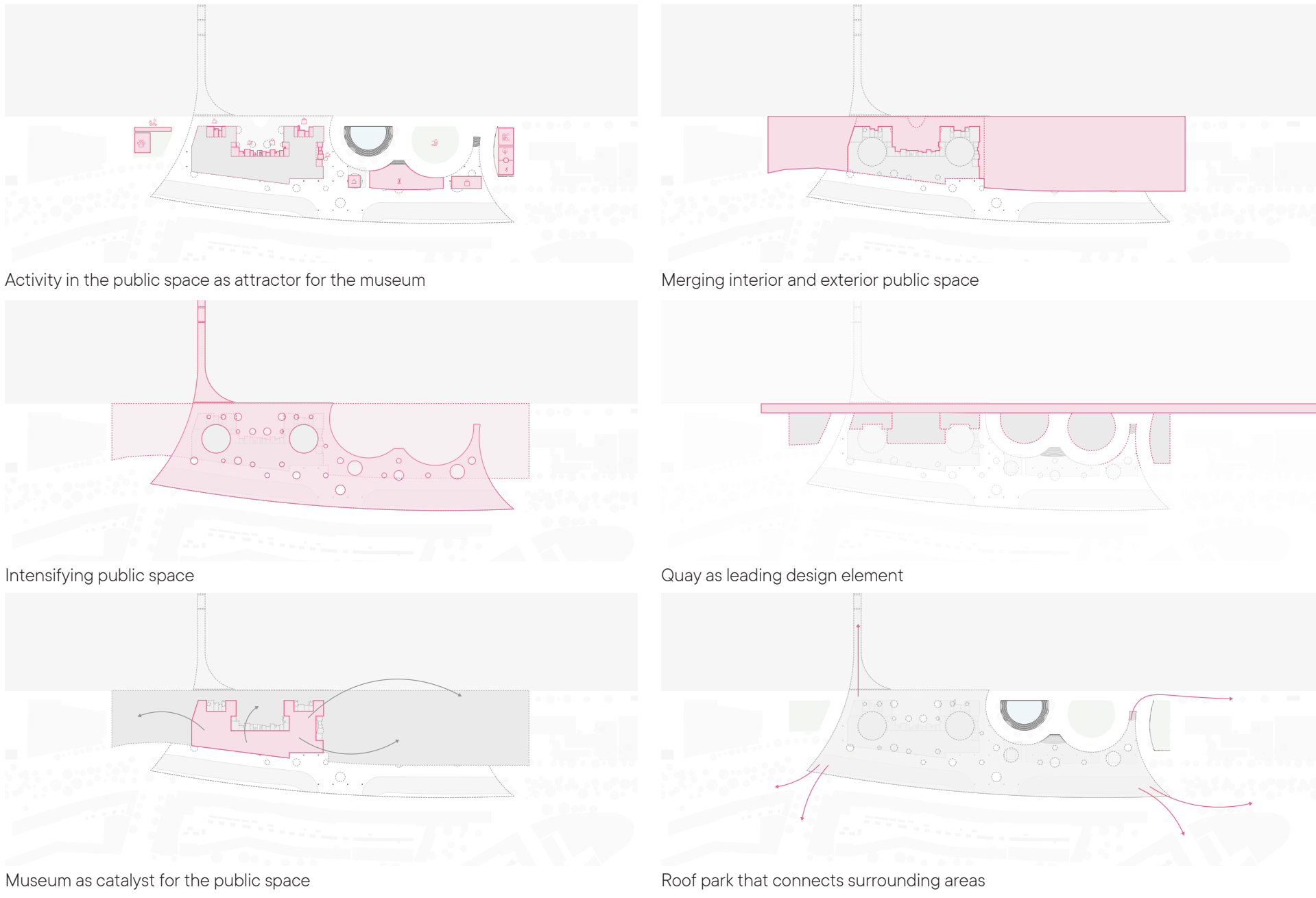
Roof Plan



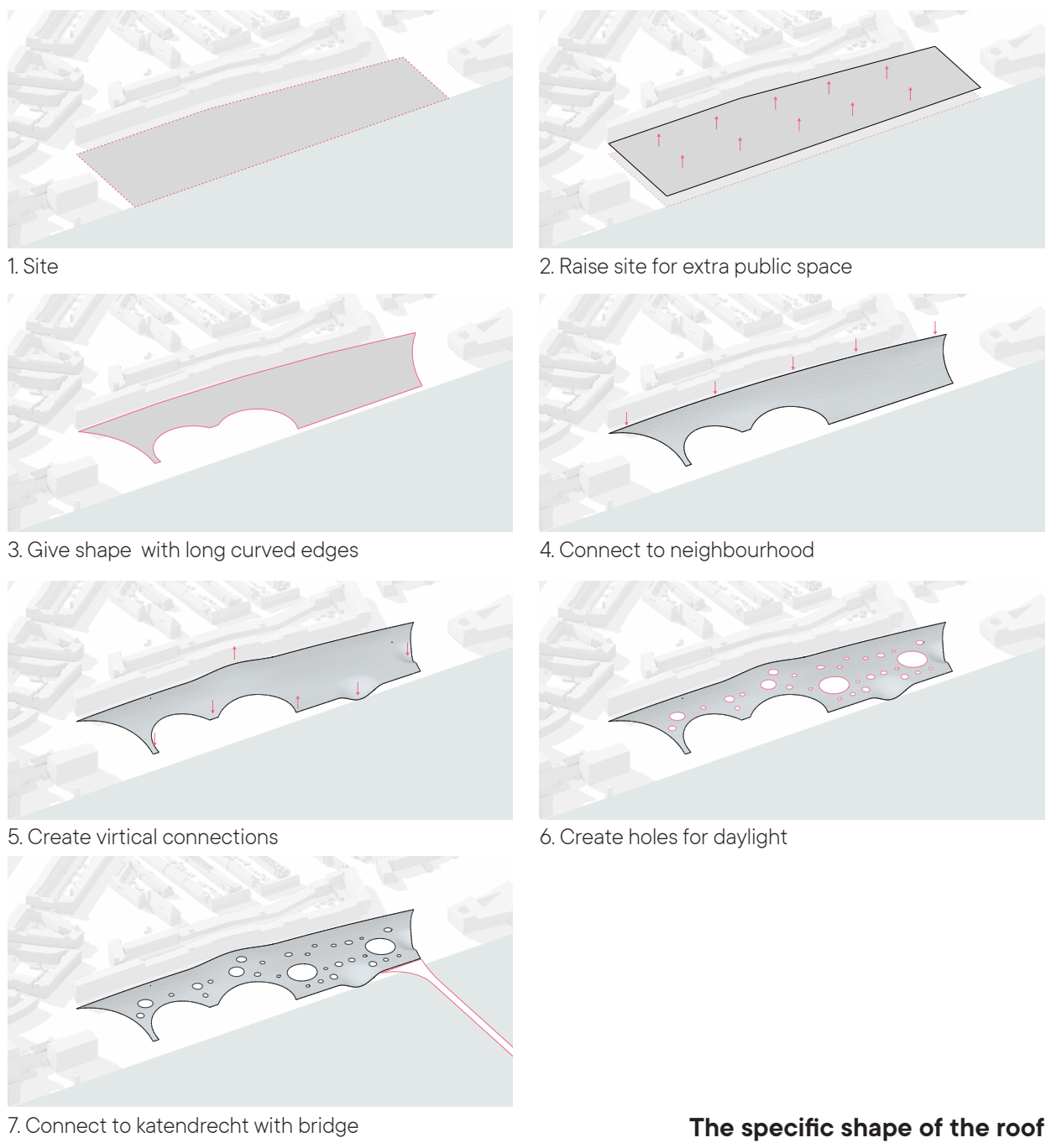
Schematic site plan ground floor



Schematic plan roof park



Roof park seen from the beginning of the bridge

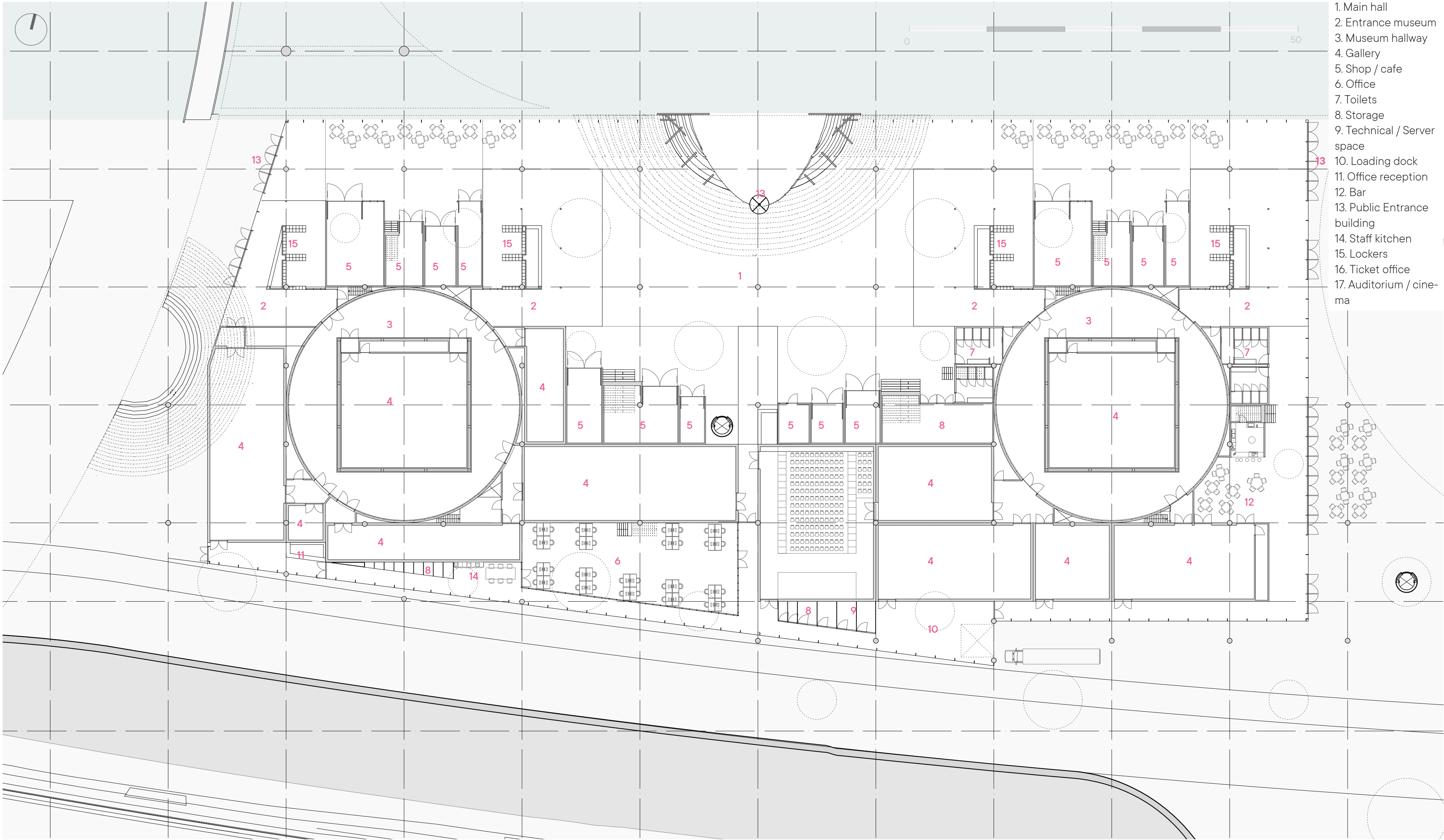


The specific shape of the roof

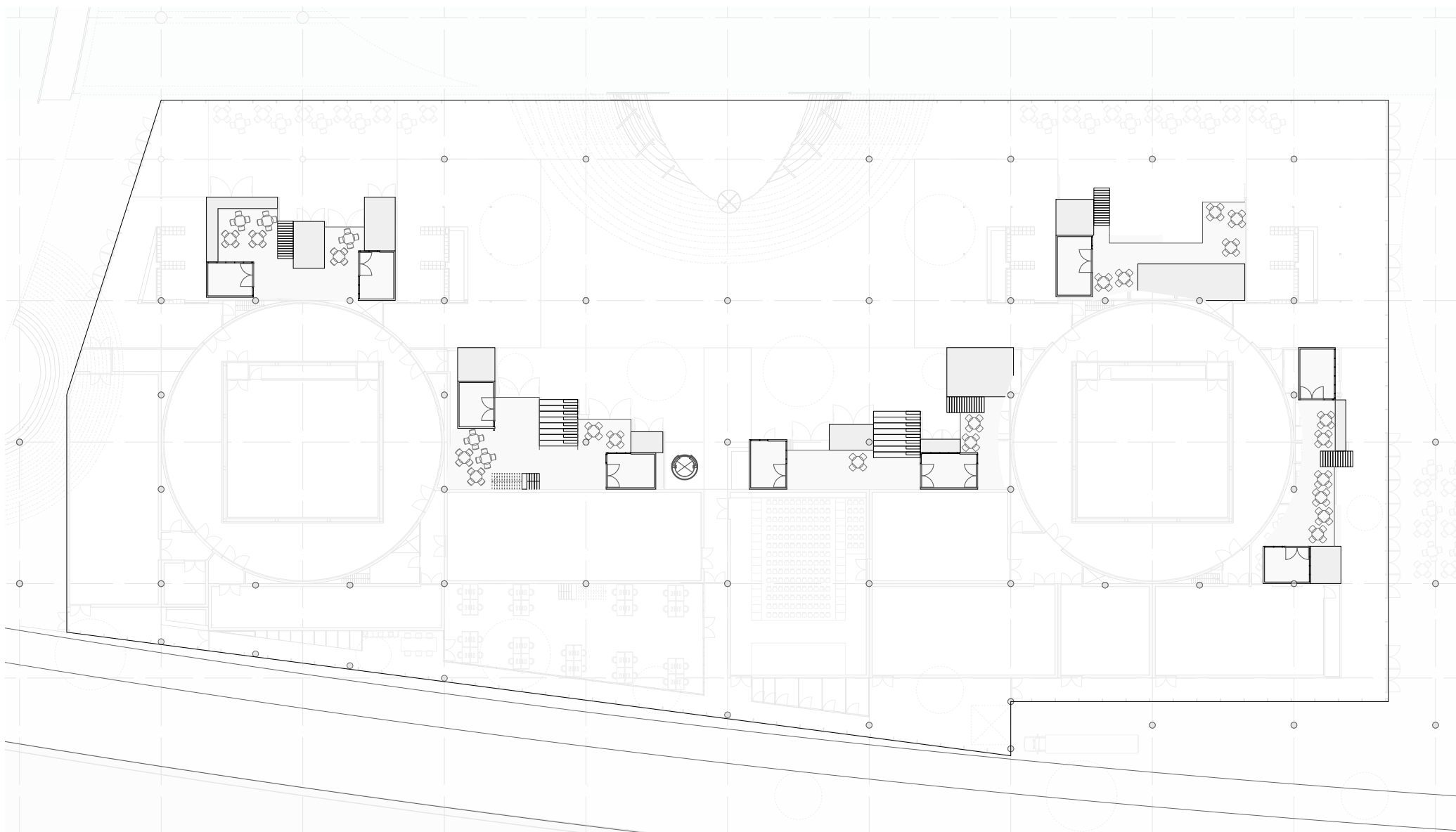




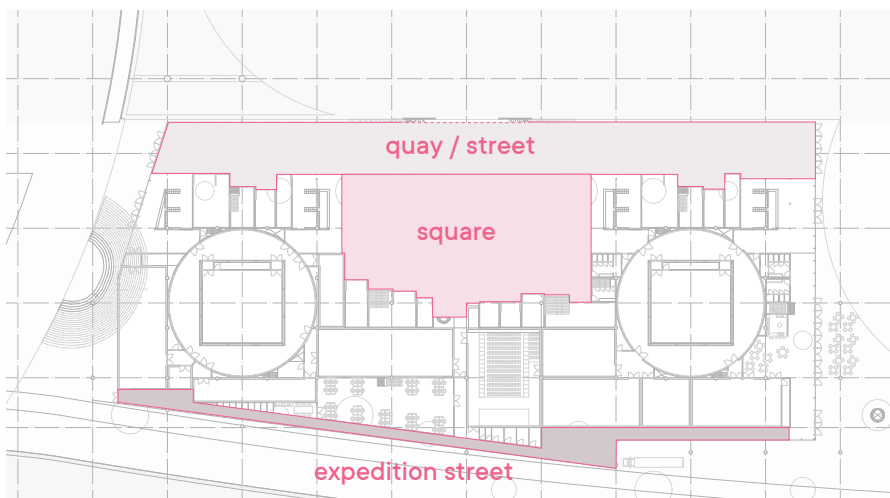
Main hall



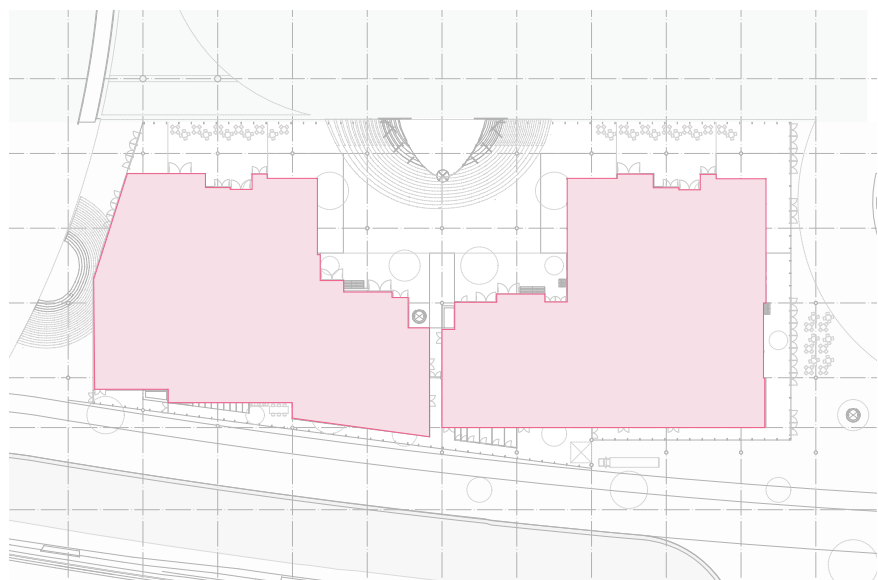
Ground floor



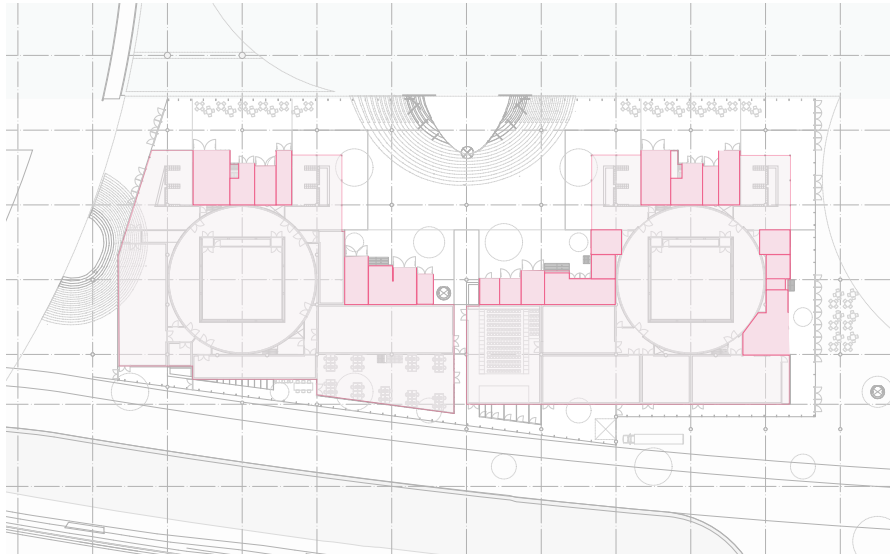
First floor



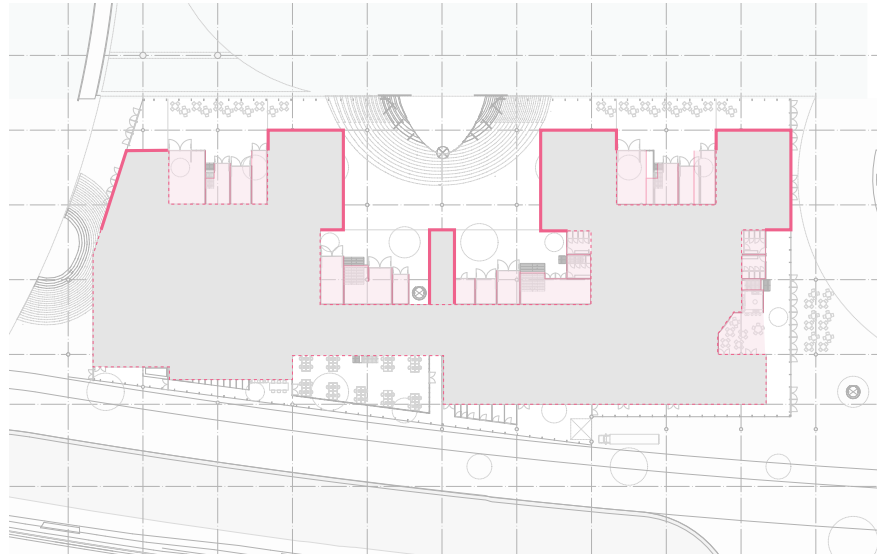
Urban design elements in floor plan design



Two clusters of spaces designed as urban blocks



An (inter)active plith along the public space

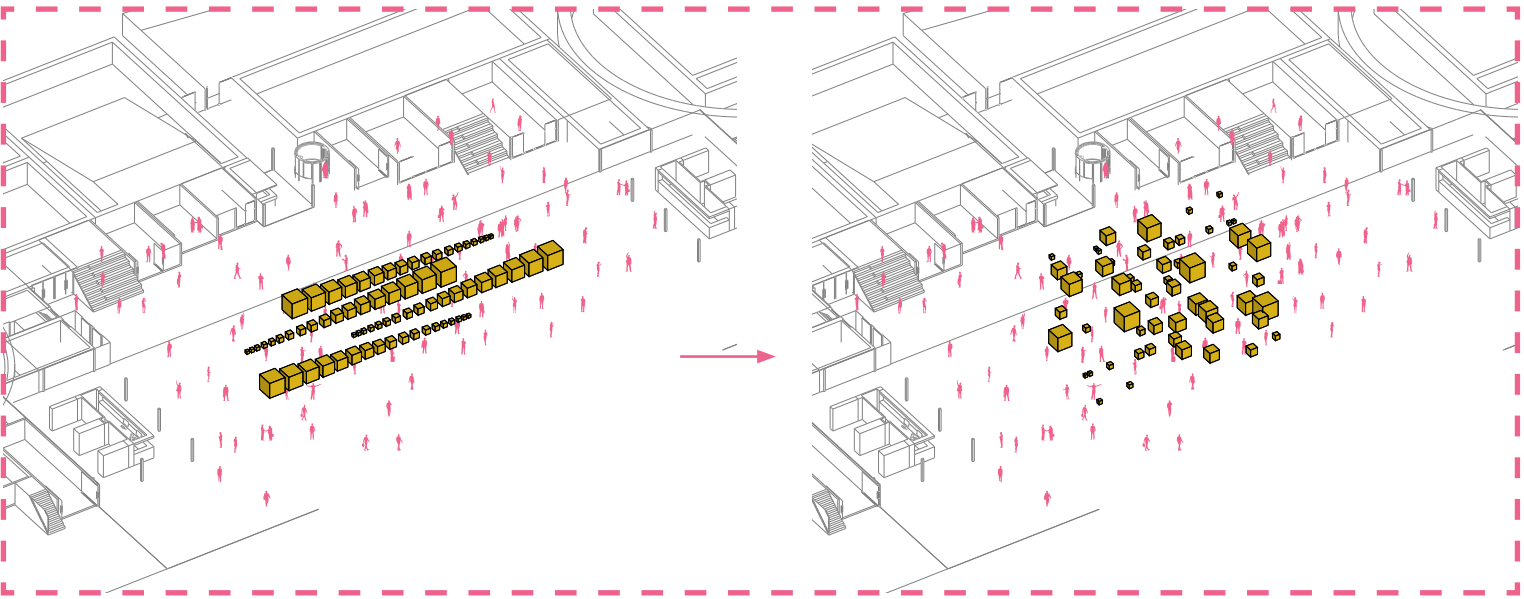


The corners of the urban blocks form the openings to the museum

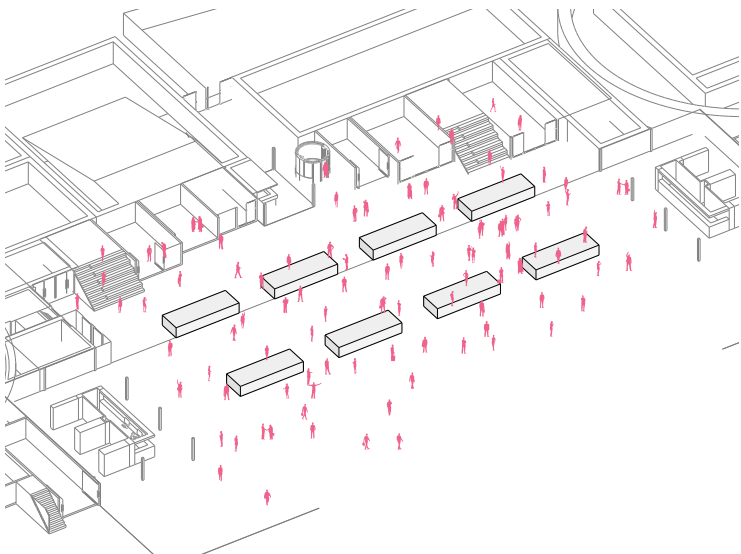




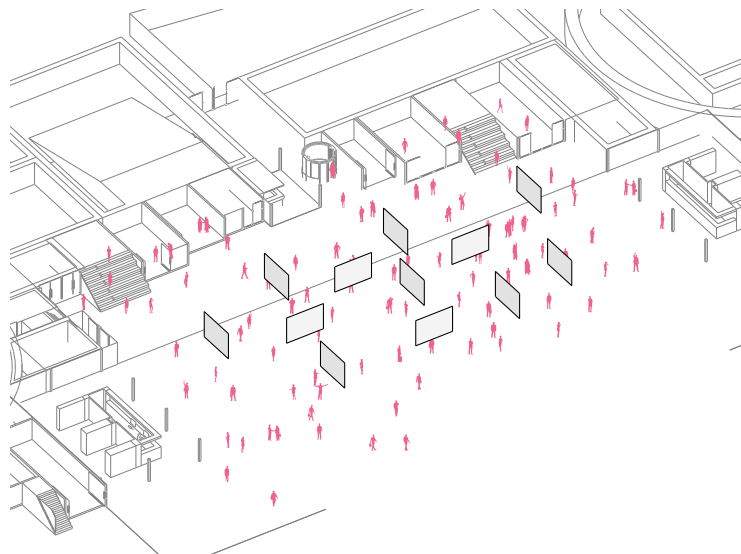
East entrance



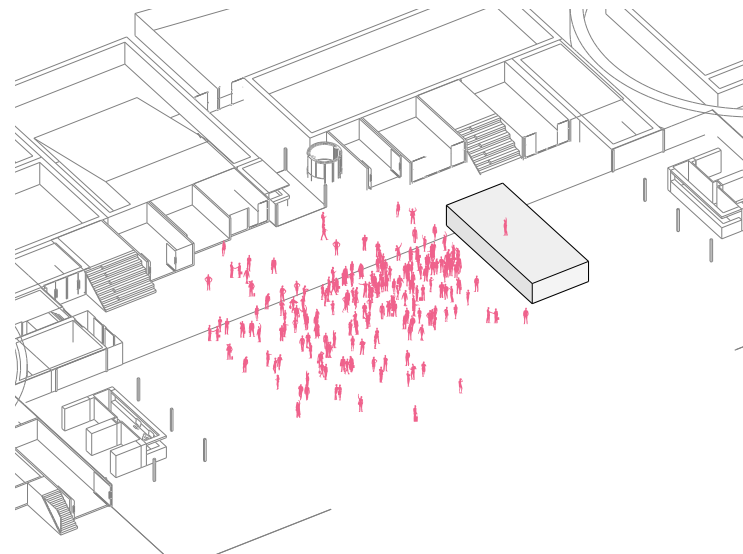
Standard use main hall: movable yellow foam blocks that can be positioned by the users



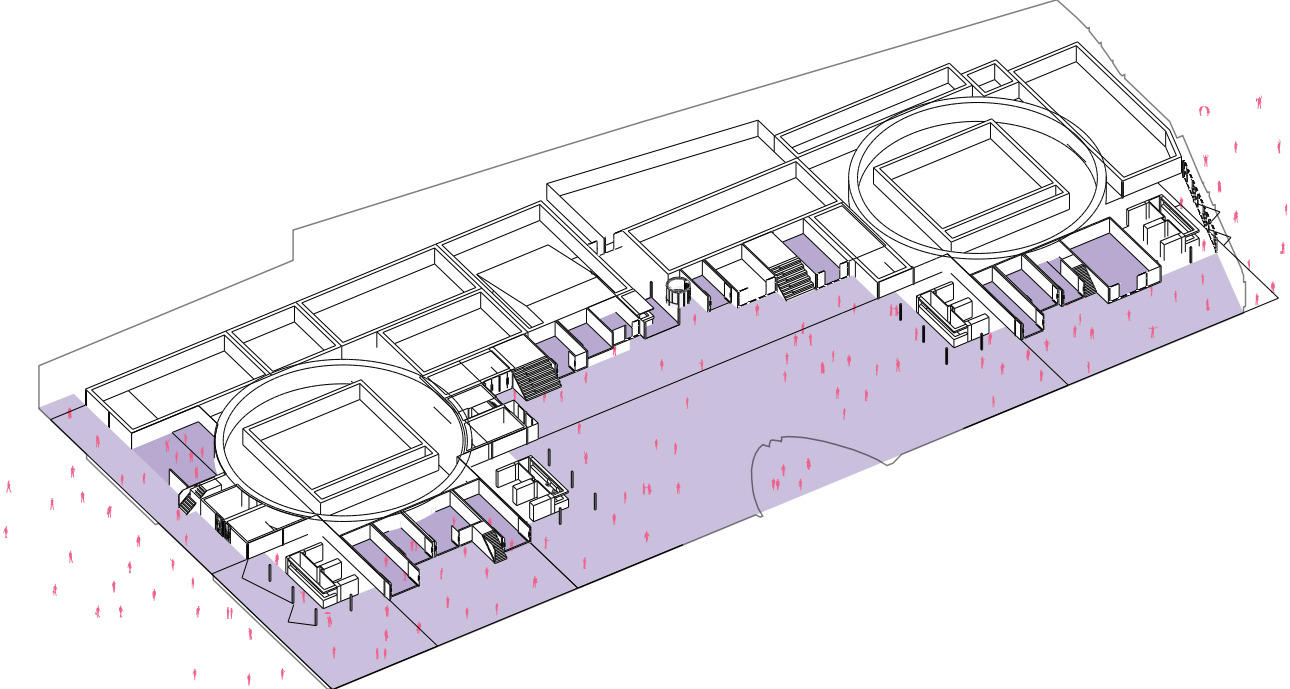
variation 1: weekly market



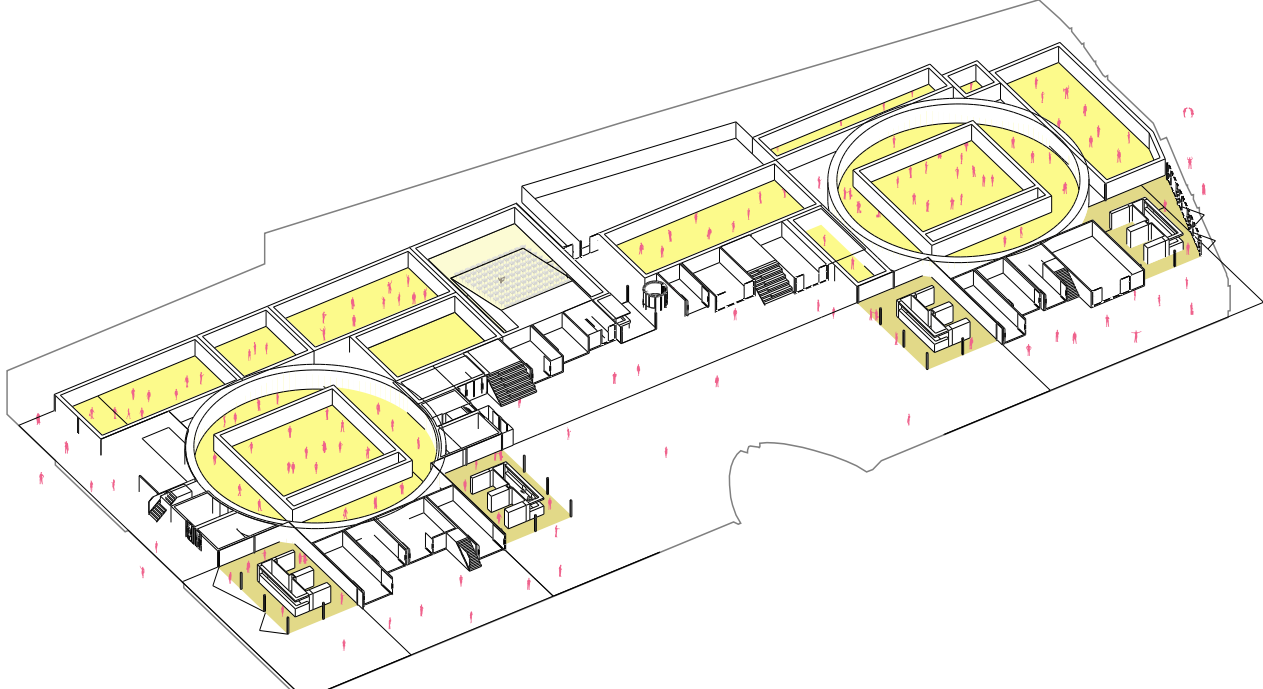
variation 2: temporary exhibition



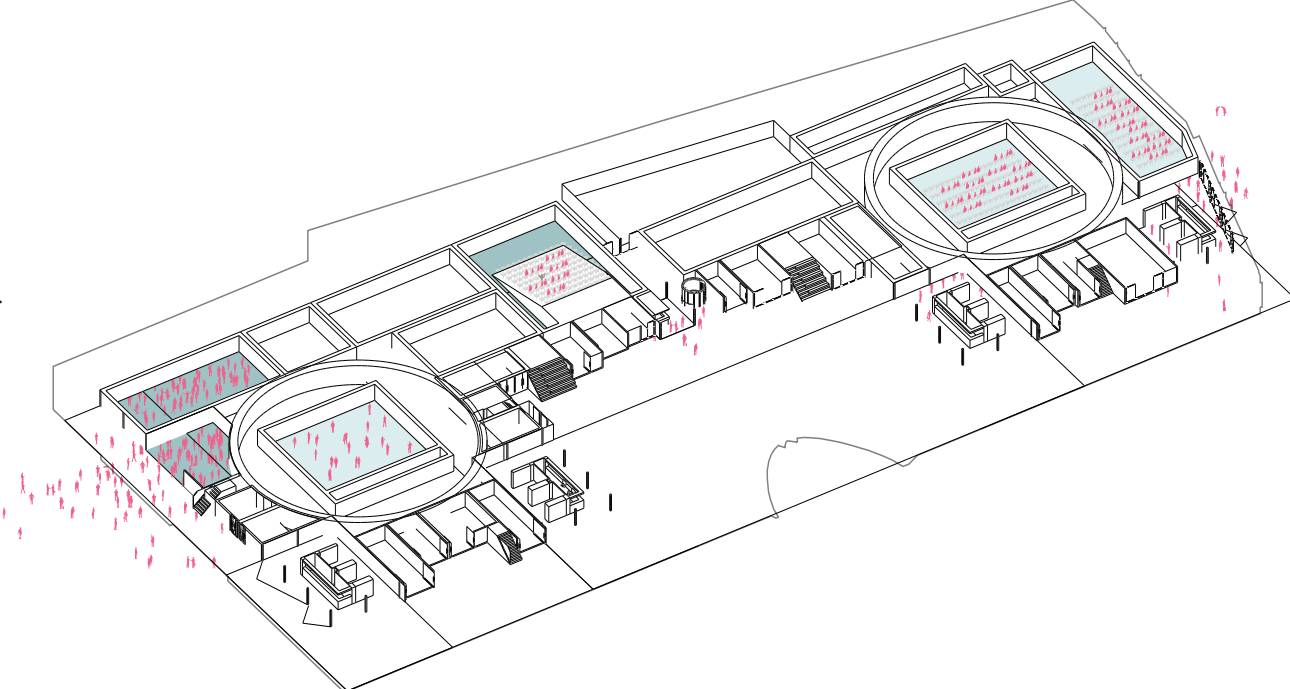
variation 3: public event



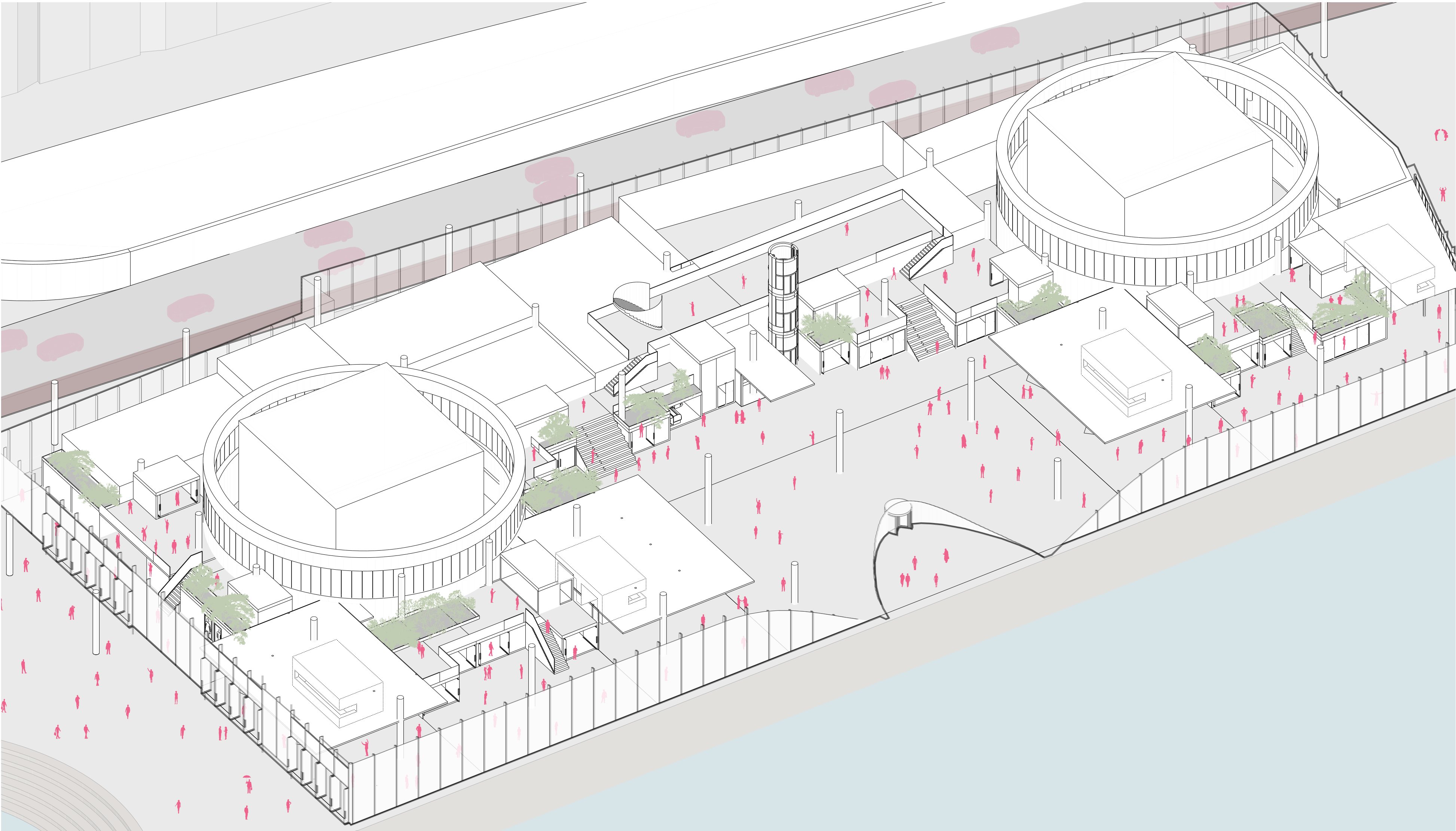
Public space with public functions alongside it



Primary use: the museum and auditorium

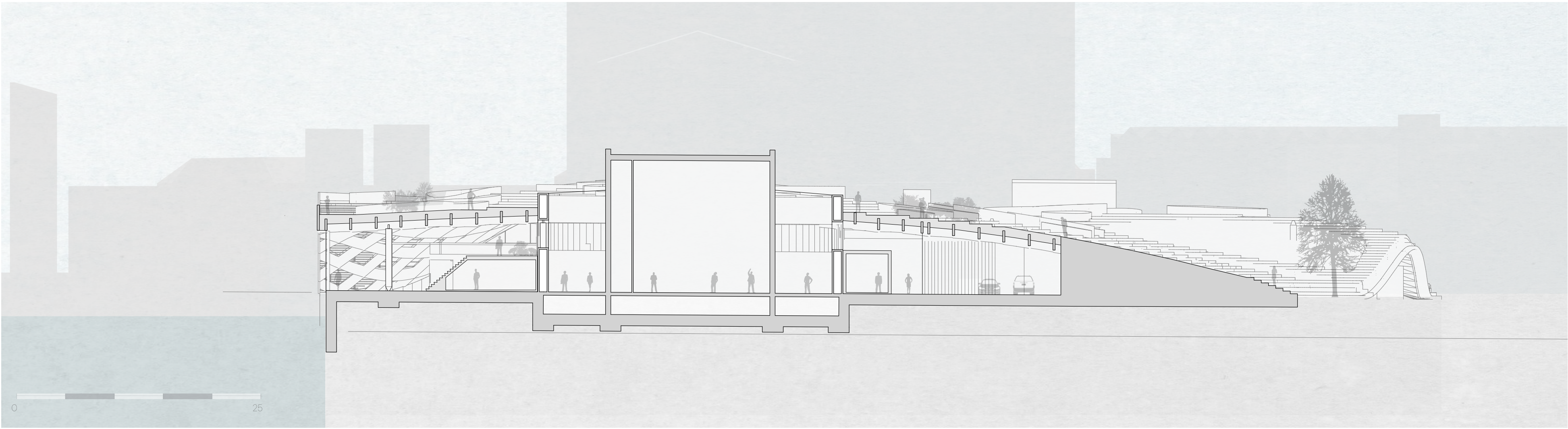


Secondary use: Event space, cinema and nightclub

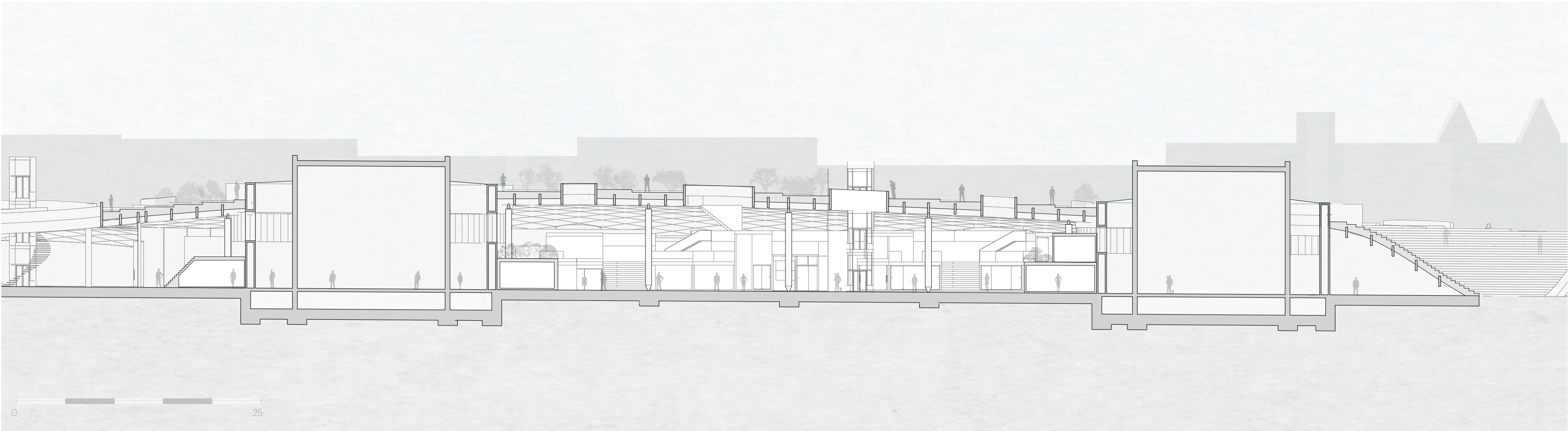


Axonometric view





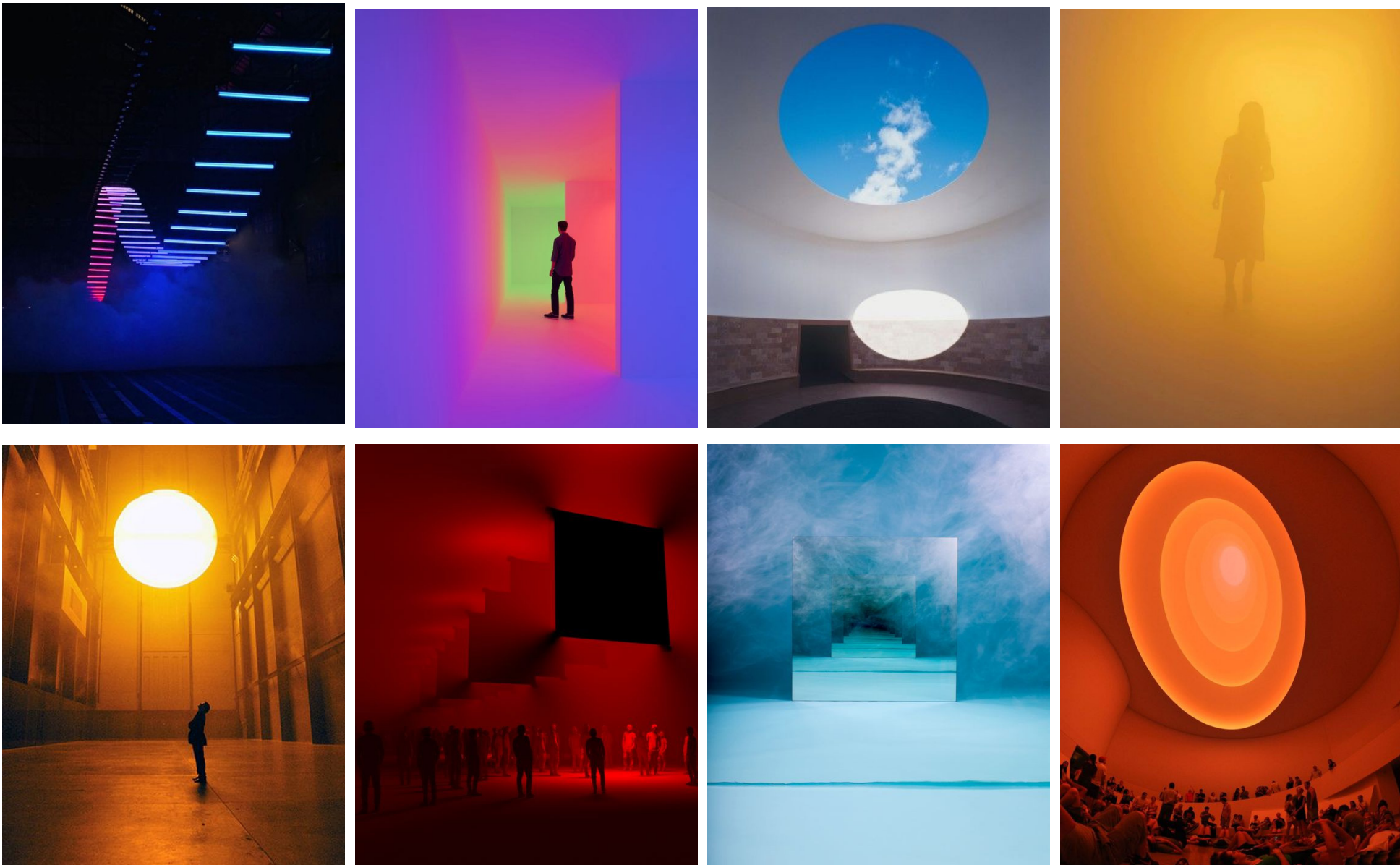
North - South Section



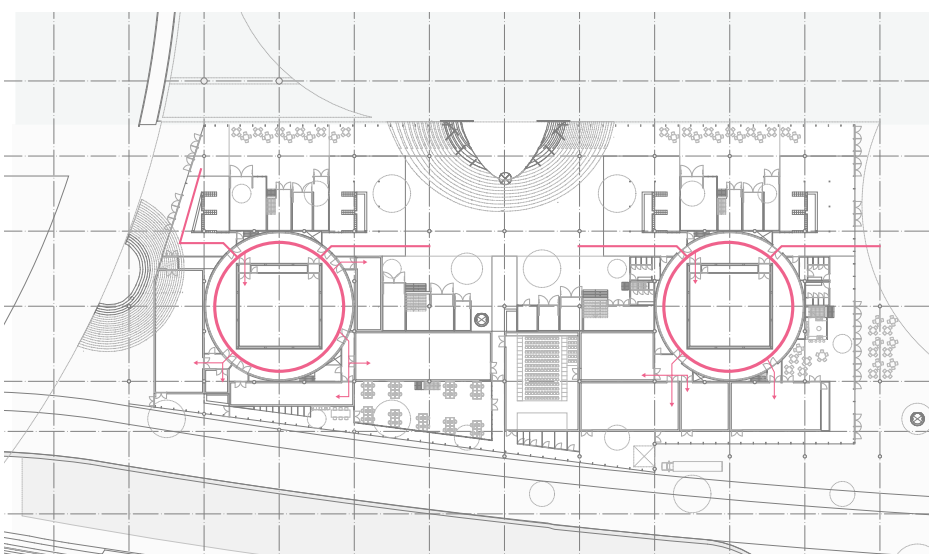
West - East Section



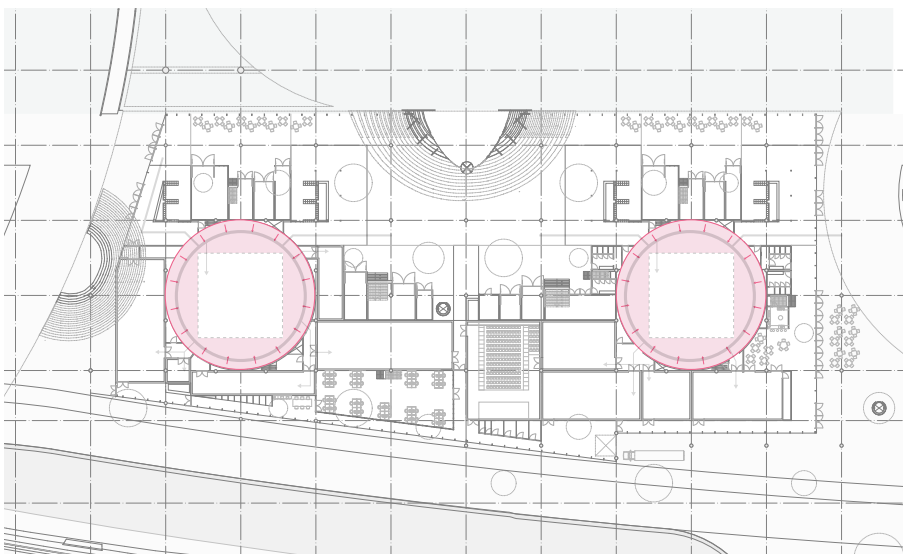
Mirroring museum hallway



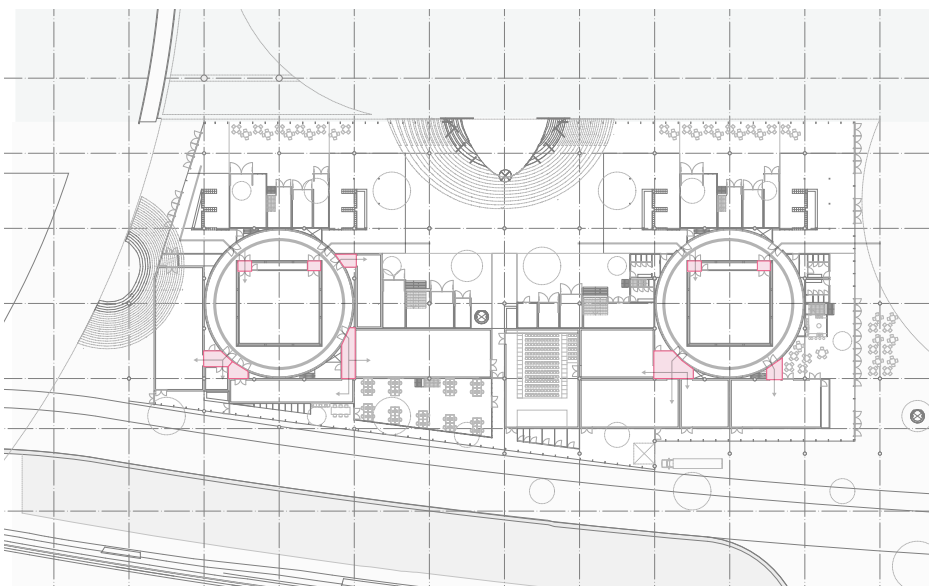
immersive art is the creation of a world around the person in a way that makes them feel part of and inside of it



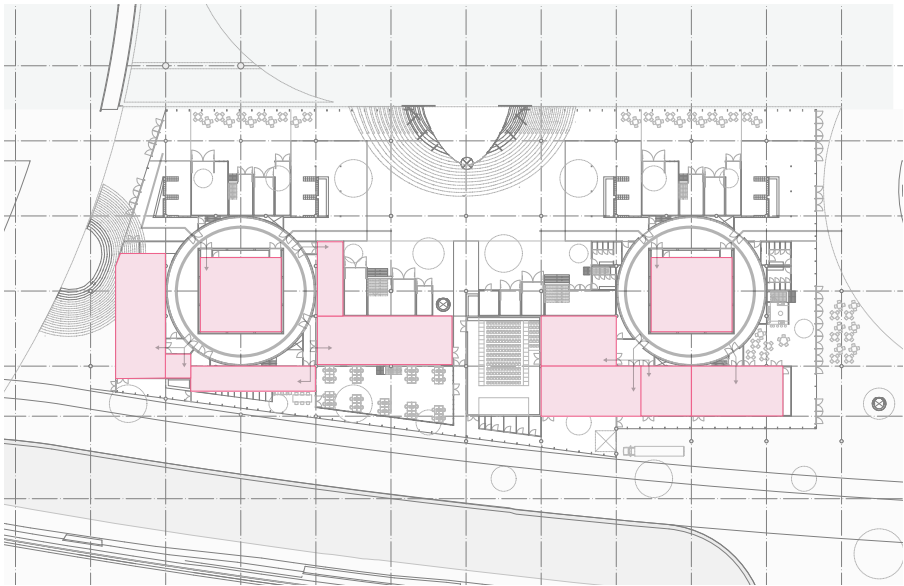
Routing



Mirroring round museum hallway to lose sense of orientation



Dark transition room before the entrance of the gallery

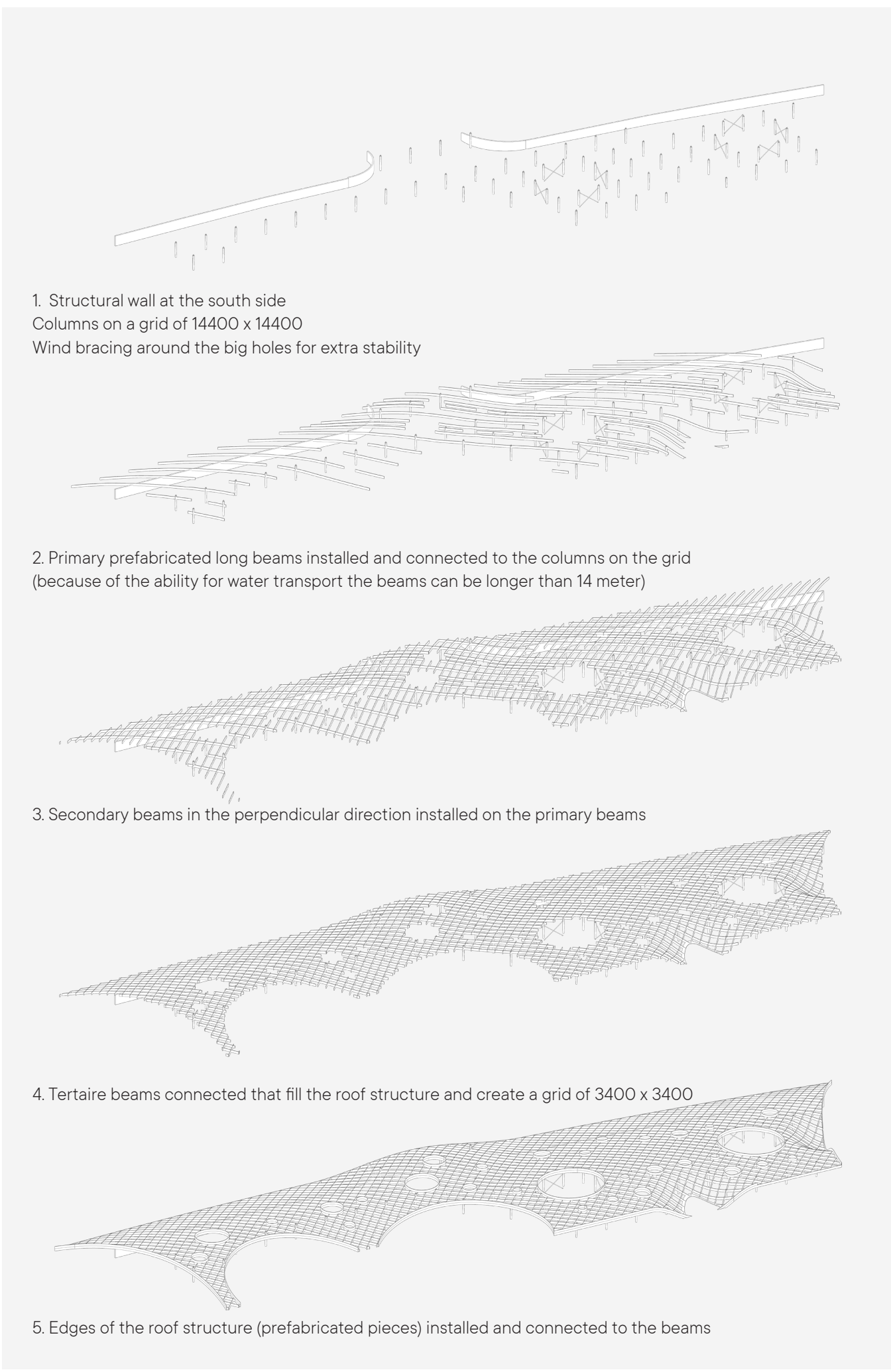


Galleries at the end of a route to encourage a long stay in the artwork

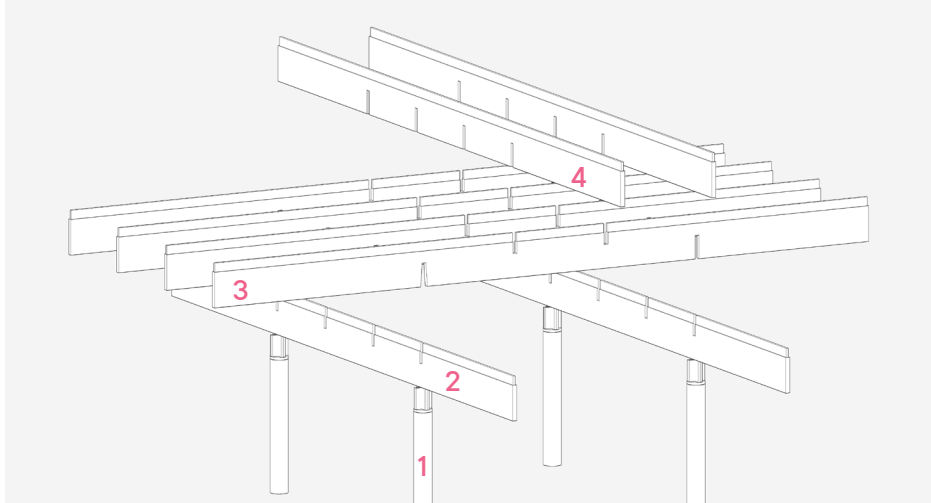




View on east facade. The roof creates a gradual transition between outside and inside



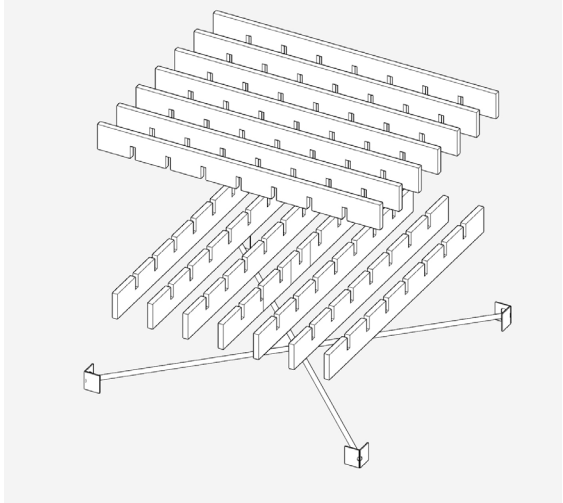
Assembly of the roof



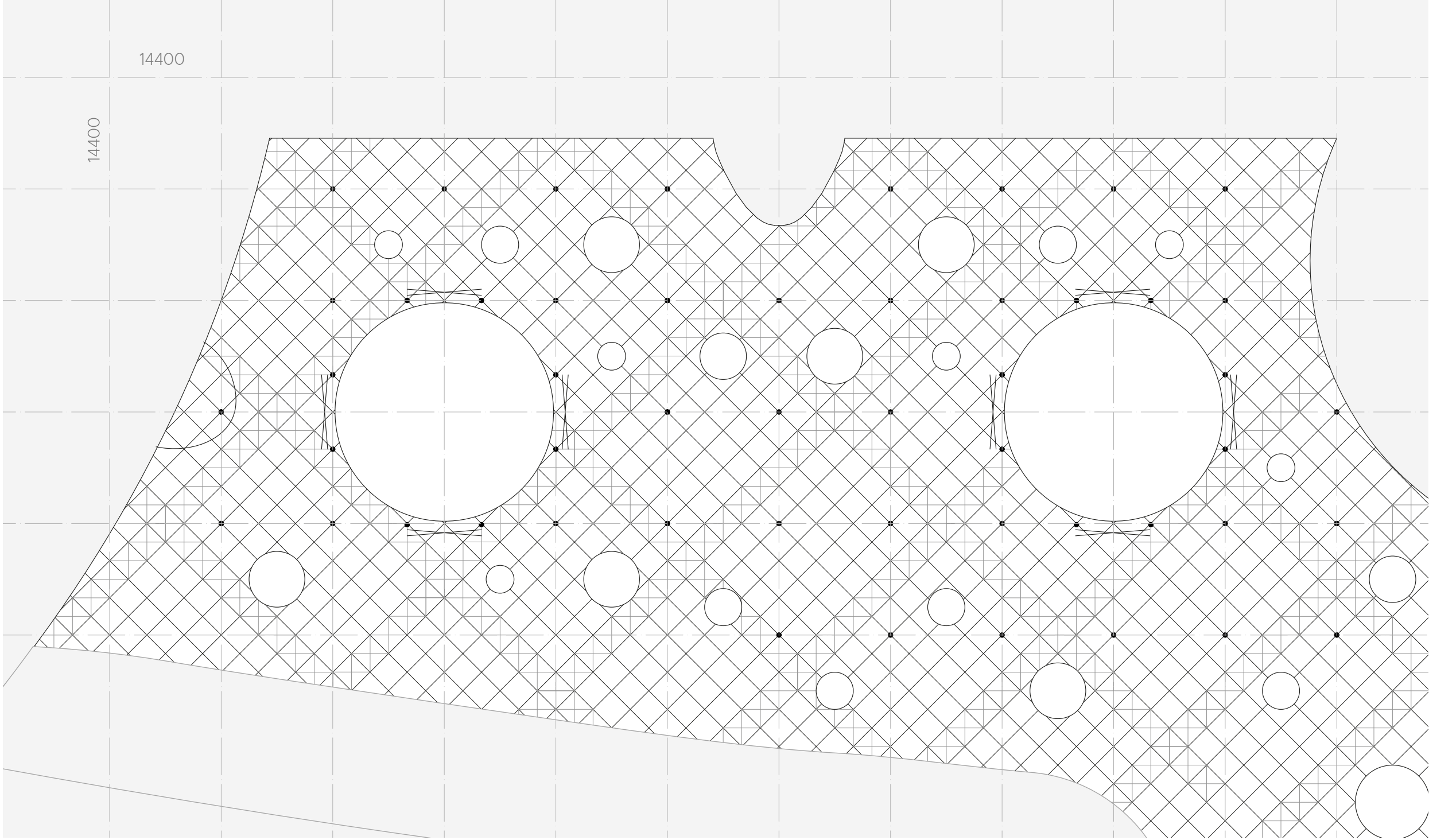
Schematic assembly of the beams (see assembly diagram)



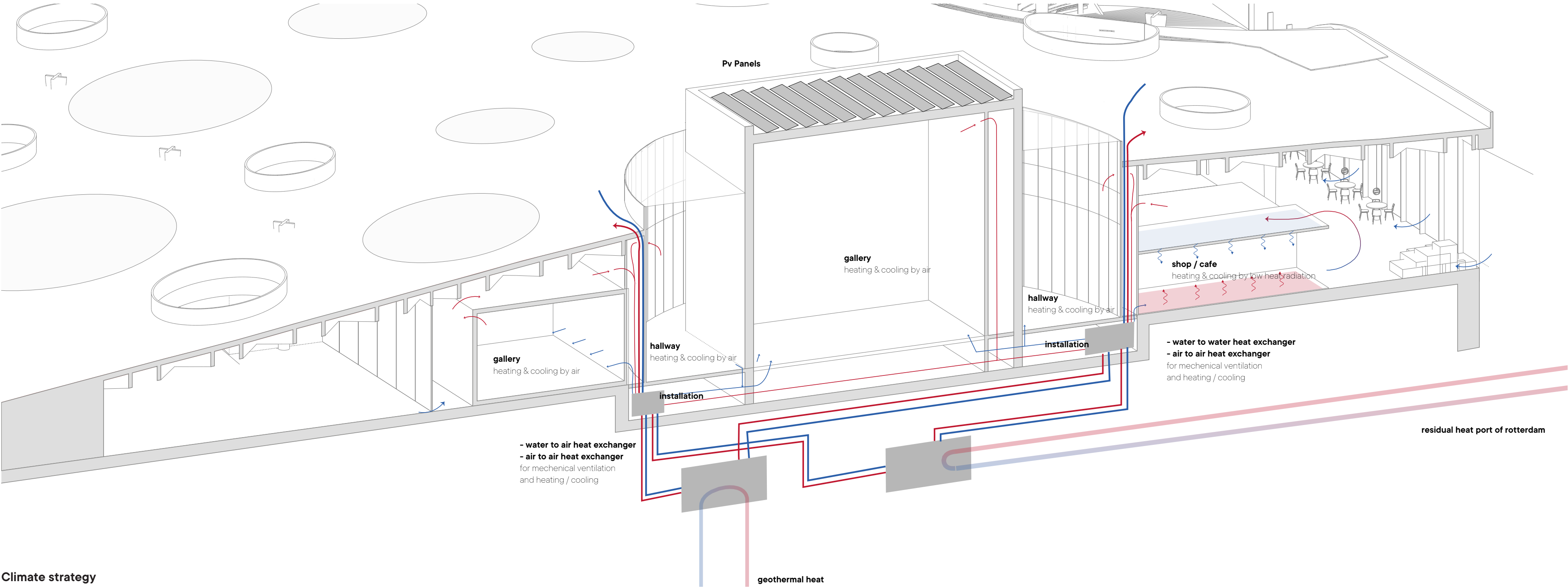
Wind bracing in the roof to ensure the stiffness



Roof panel layering

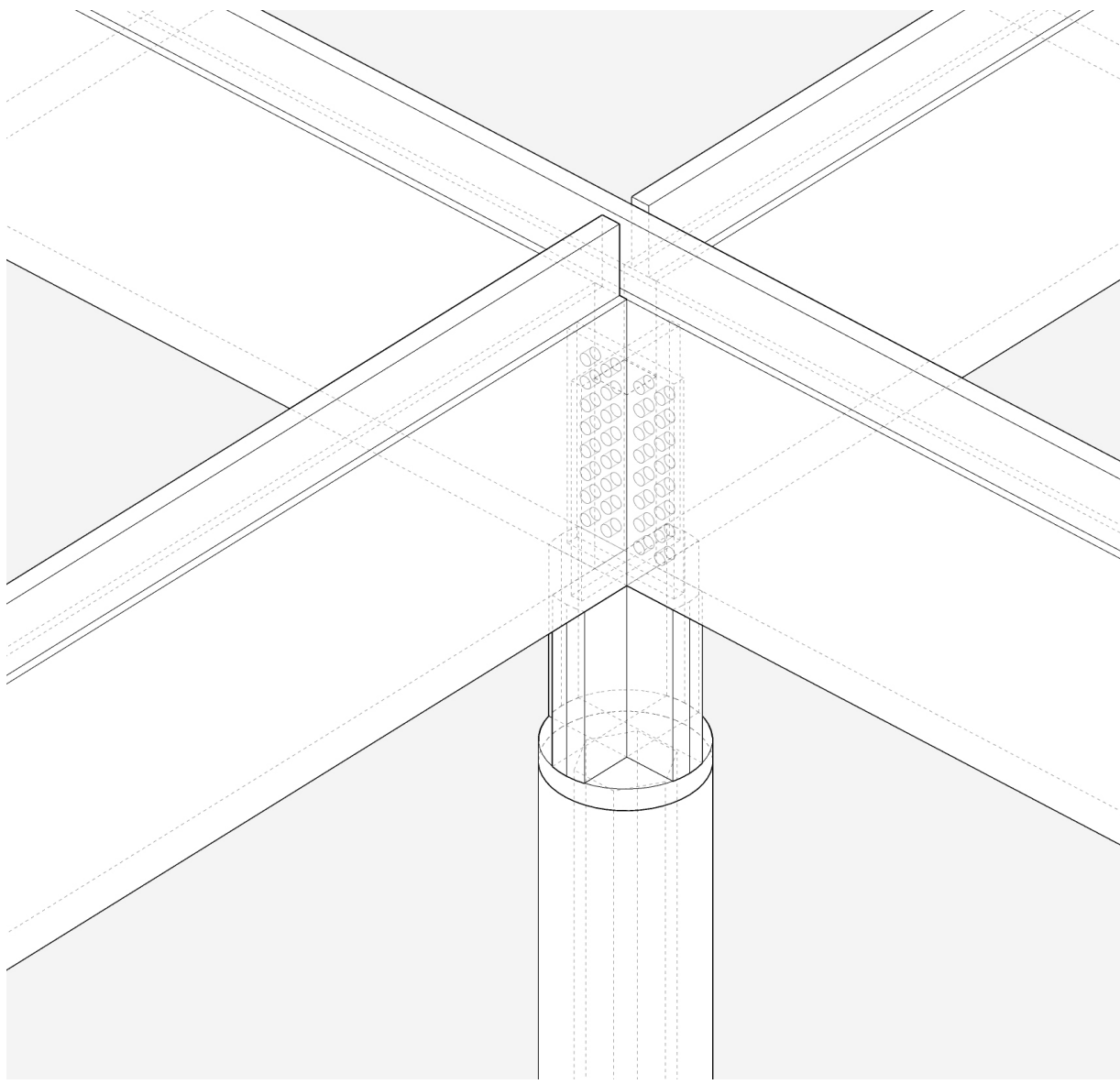


Roof construction plan

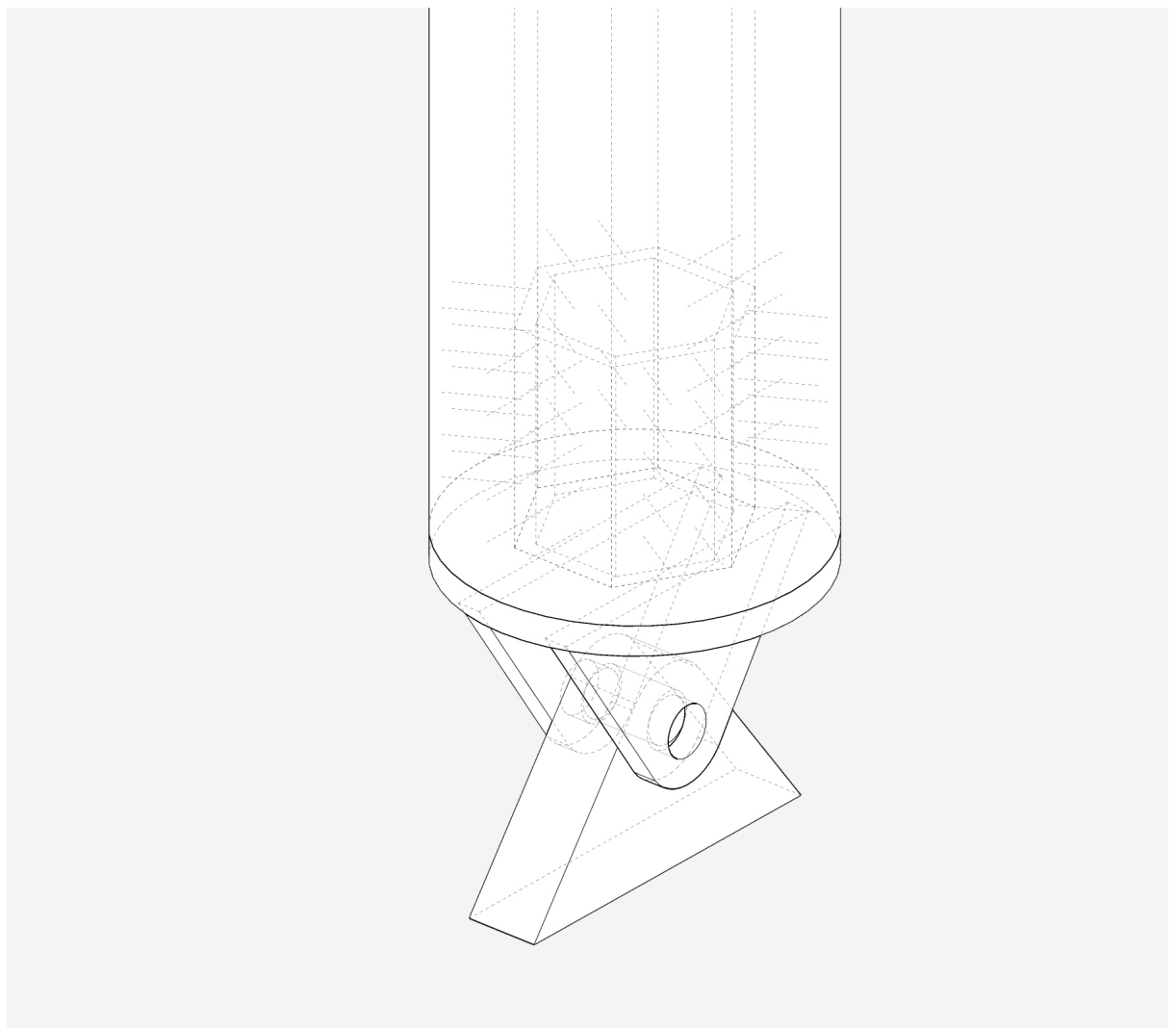


Climate strategy

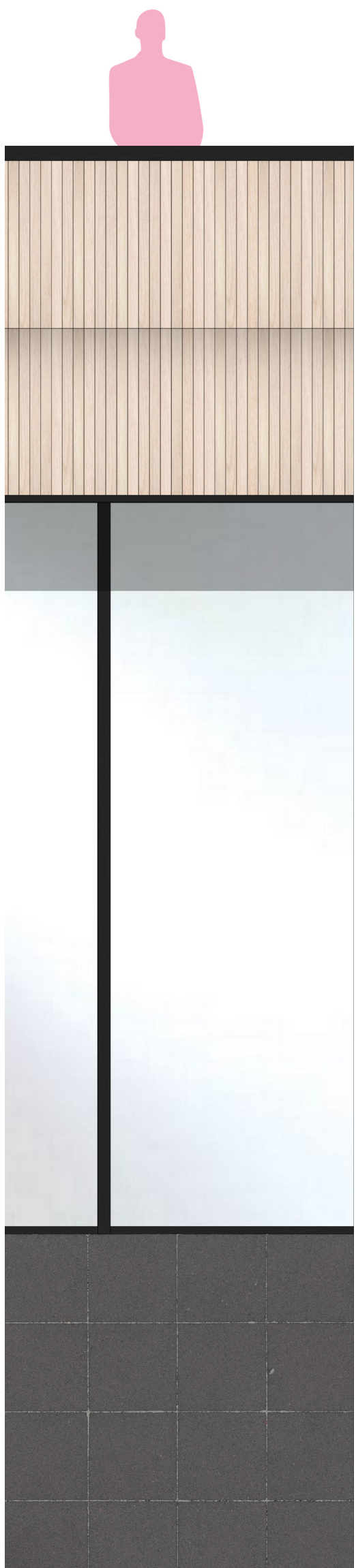
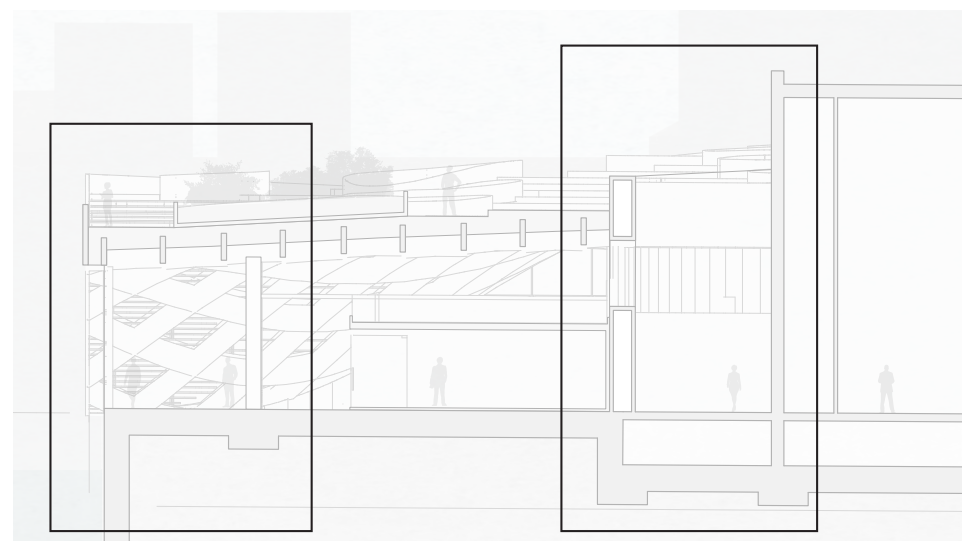




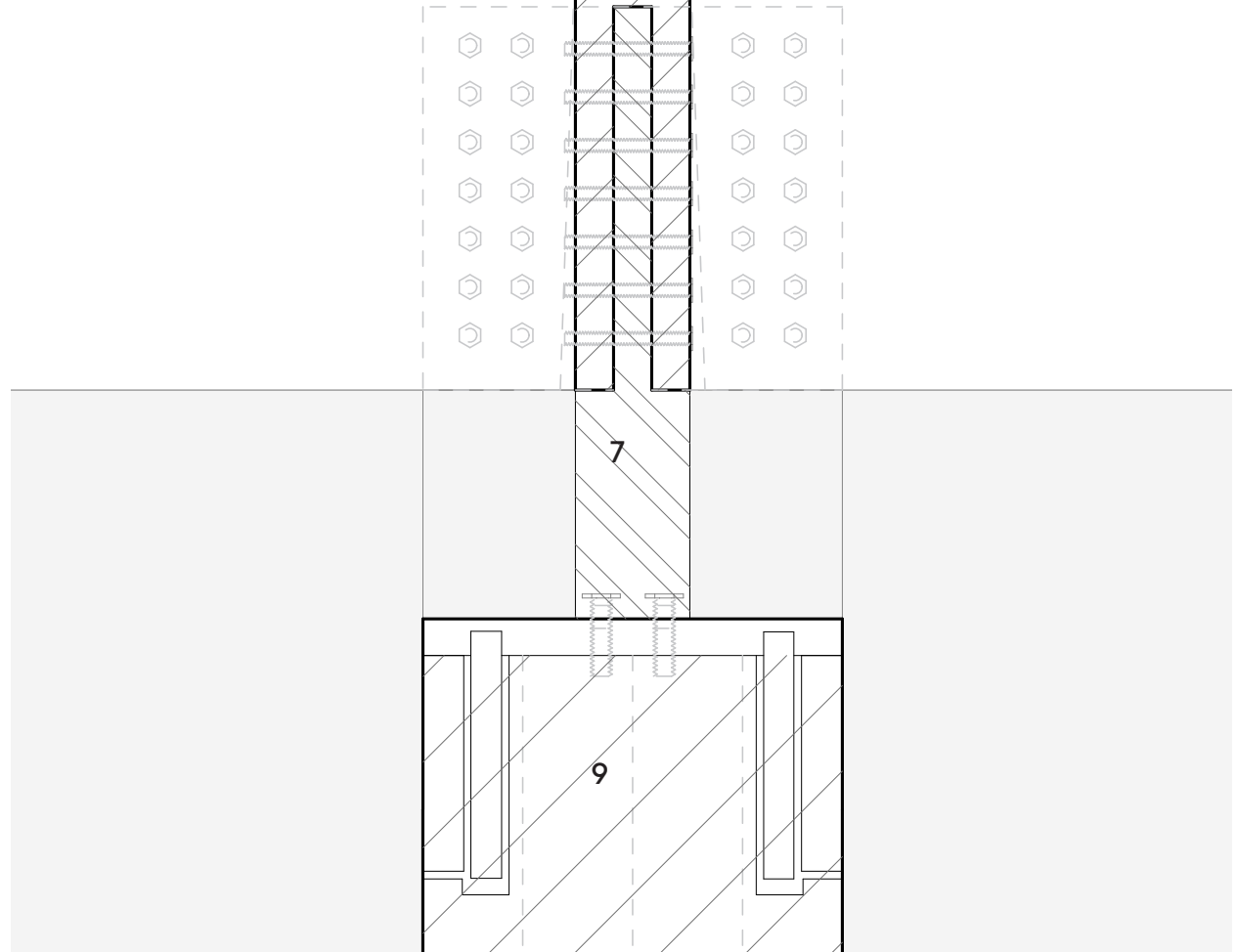
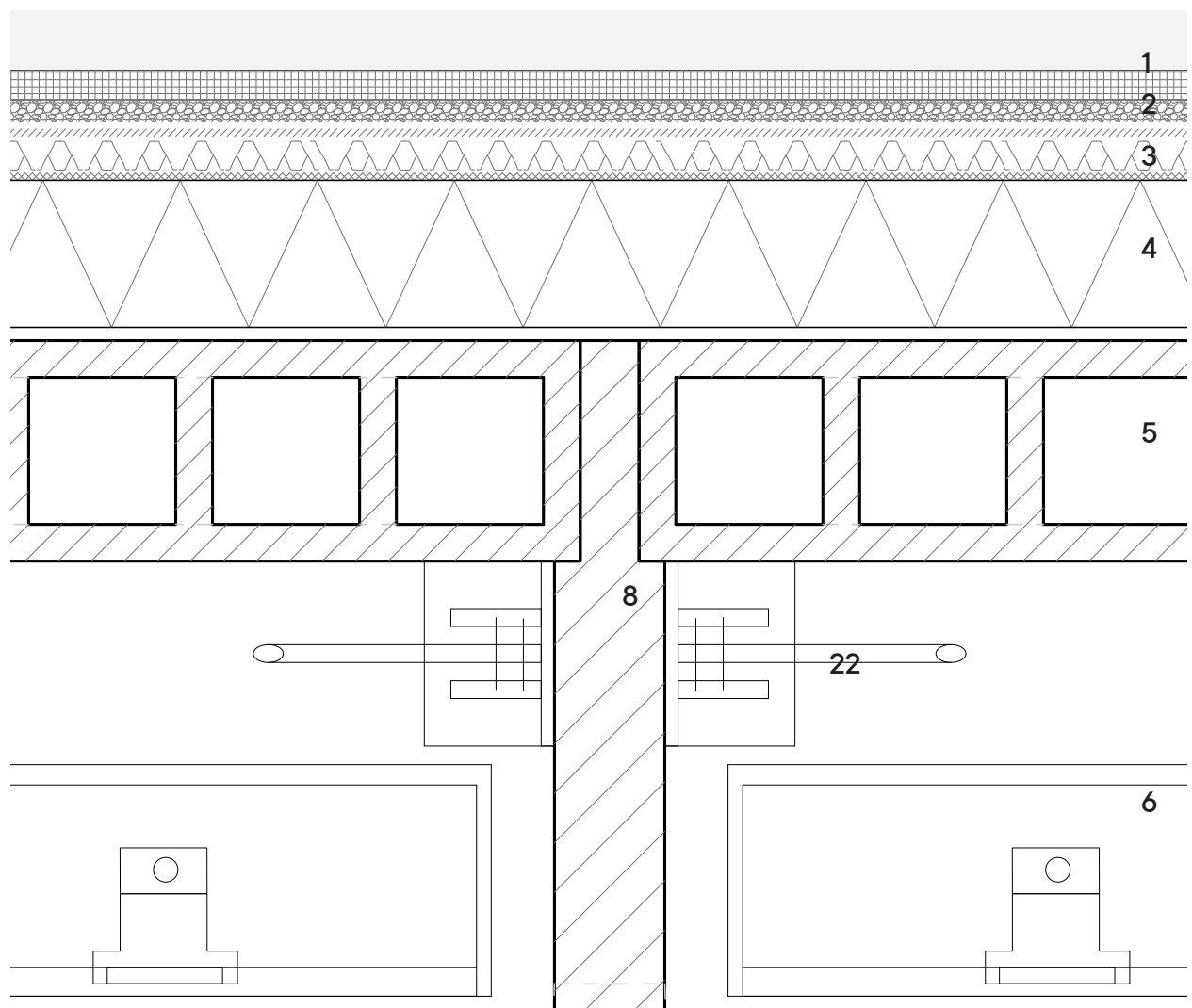
Column roof connection



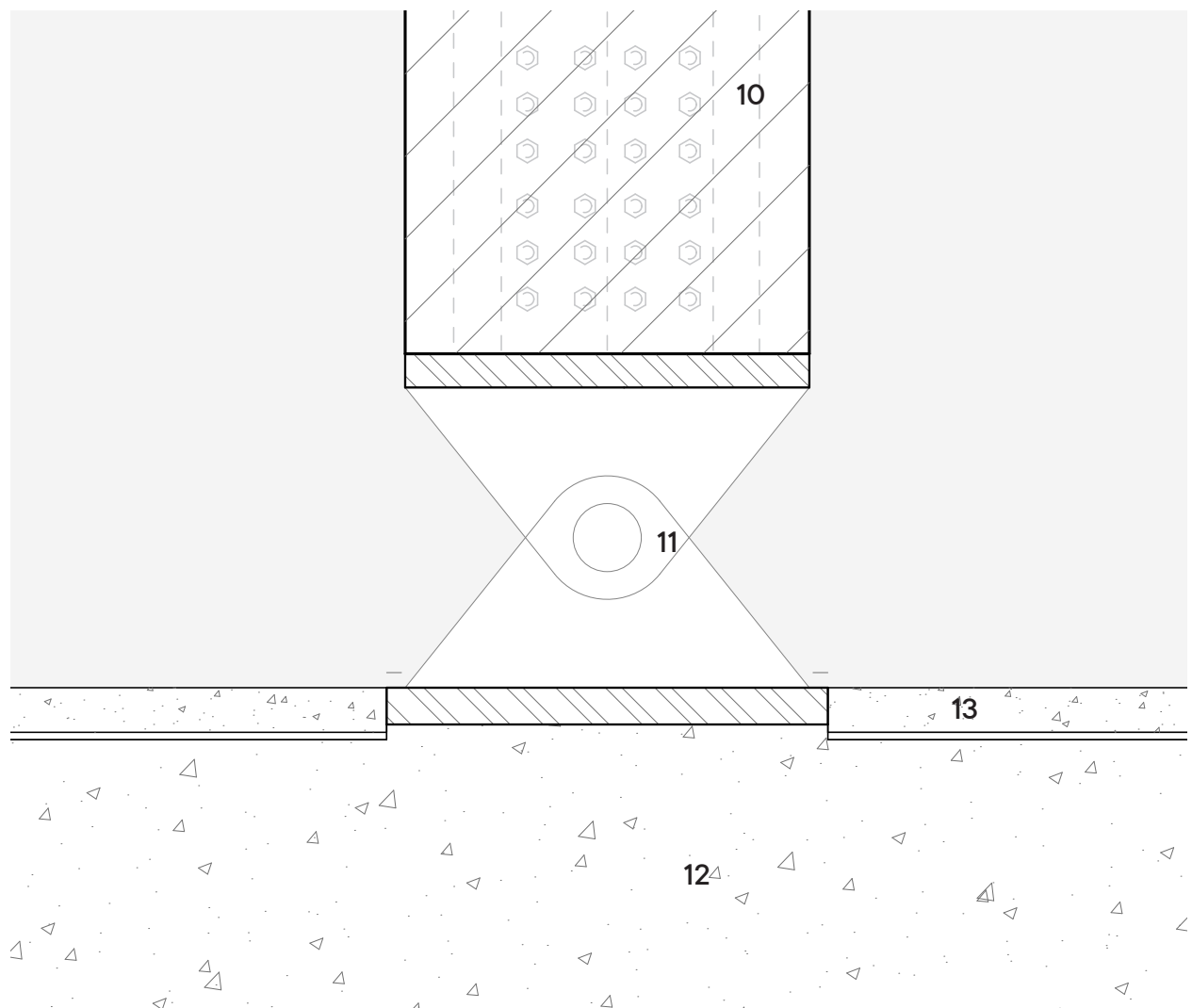
Column foundation connection



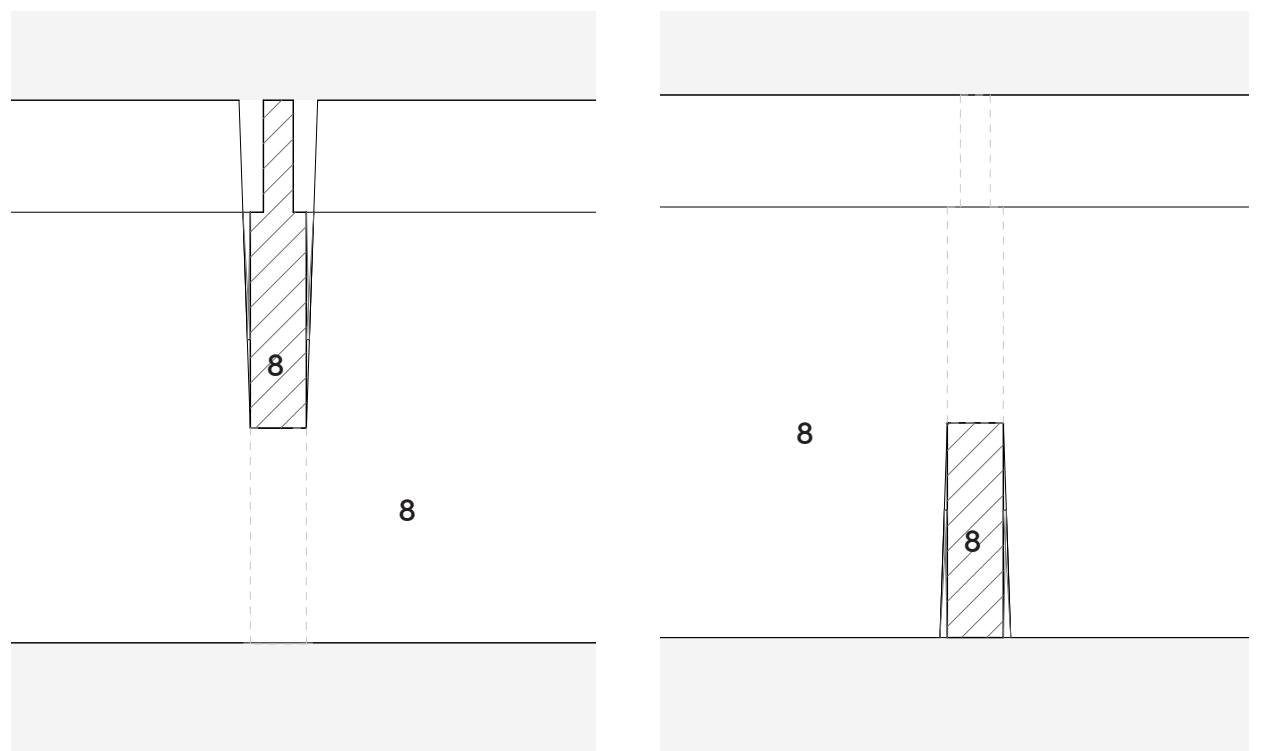
1:40 detailed section and elevation



Column roof connection detail 1:10

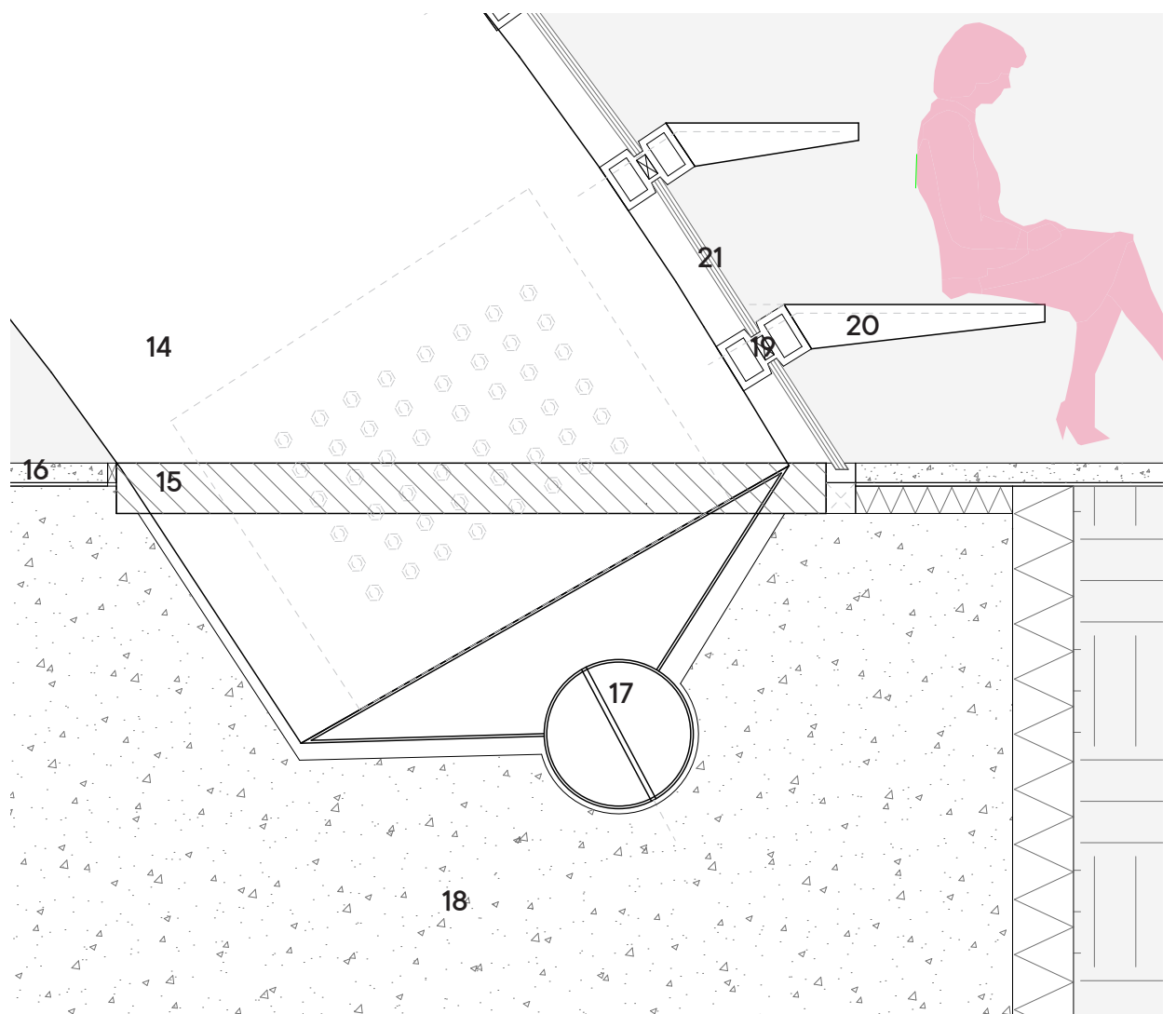


Column foundation connection detail 1:10



Beam to beam connection details 1:20

1. tiles roof park
2. gravel
3. drainage
4. hard insulation
5. hollow CLT floor element
6. hanging box with interior lighting
7. steel connction between column and beam
8. laminated timber beam
9. hollow hardwood timber column
22. windbracing in roof



Beam foundation connection detail 1:20

10. hollow hardwood timber column
11. steel hinge mounted on foundation
12. concrete foundation
13. concrete flooring
14. laminated timber beam
15. timber finish stroke
16. concrete floor finishing
17. Steel hinging connection element fabricly installed in the laminated timber piece
18. Concrete foundation
19. steel window frame connected to bench
20. timber bench forming a tribune
21. glass

