

Identity of place and heritage in urban regeneration

elder-centred livable community design in Nieuwstad, Zutphen

Set of Drawings

Heritage and Architecture
MSc3: Zutphen sustainable city

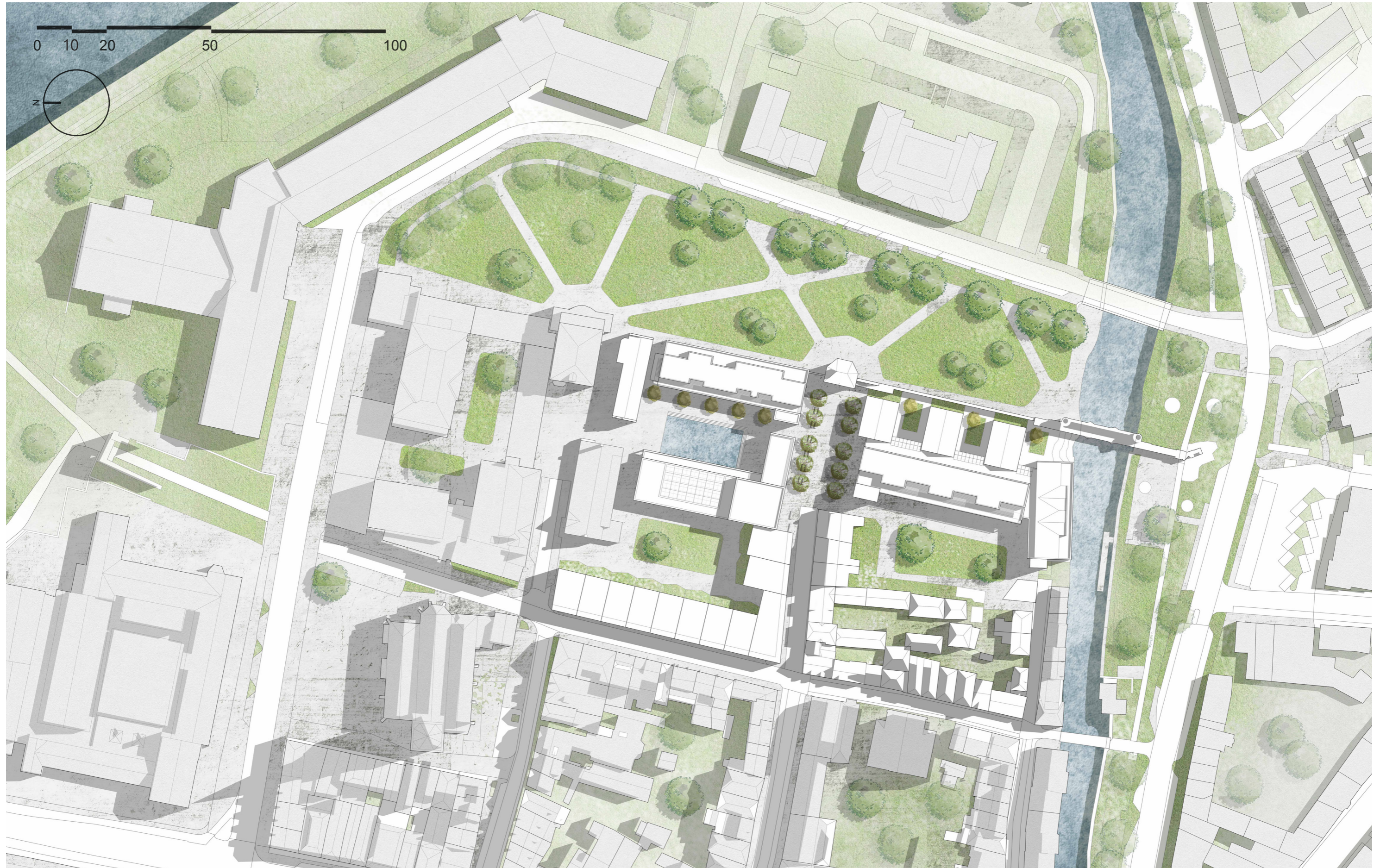
Chenbin Fu 4610202
28.06.2018

Mentors: J. Roos, W. Quist, S. Stroux

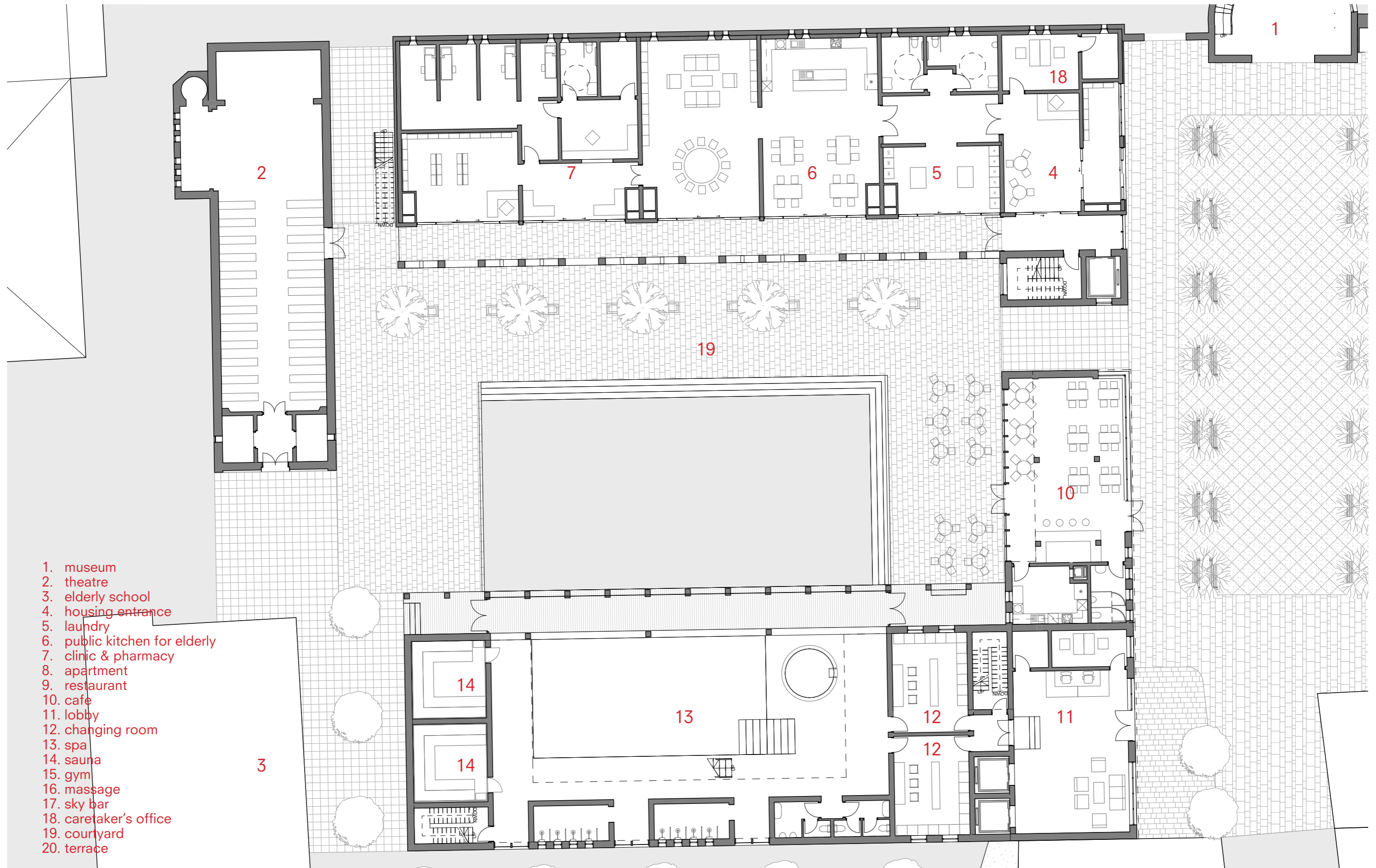
TABLE OF CONTENT

Master plan	3
Floor plan	4
Section	14
Elevation	18
Detail	22
Perspective	40

MASTER PLAN



FLOOR PLAN



- 1. museum
- 2. theatre
- 3. elderly school
- 4. housing entrance
- 5. laundry
- 6. public kitchen for elderly
- 7. clinic & pharmacy
- 8. apartment
- 9. restaurant
- 10. cafe
- 11. lobby
- 12. changing room
- 13. spa
- 14. sauna
- 15. gym
- 16. massage
- 17. sky bar
- 18. caretaker's office
- 19. courtyard
- 20. terrace

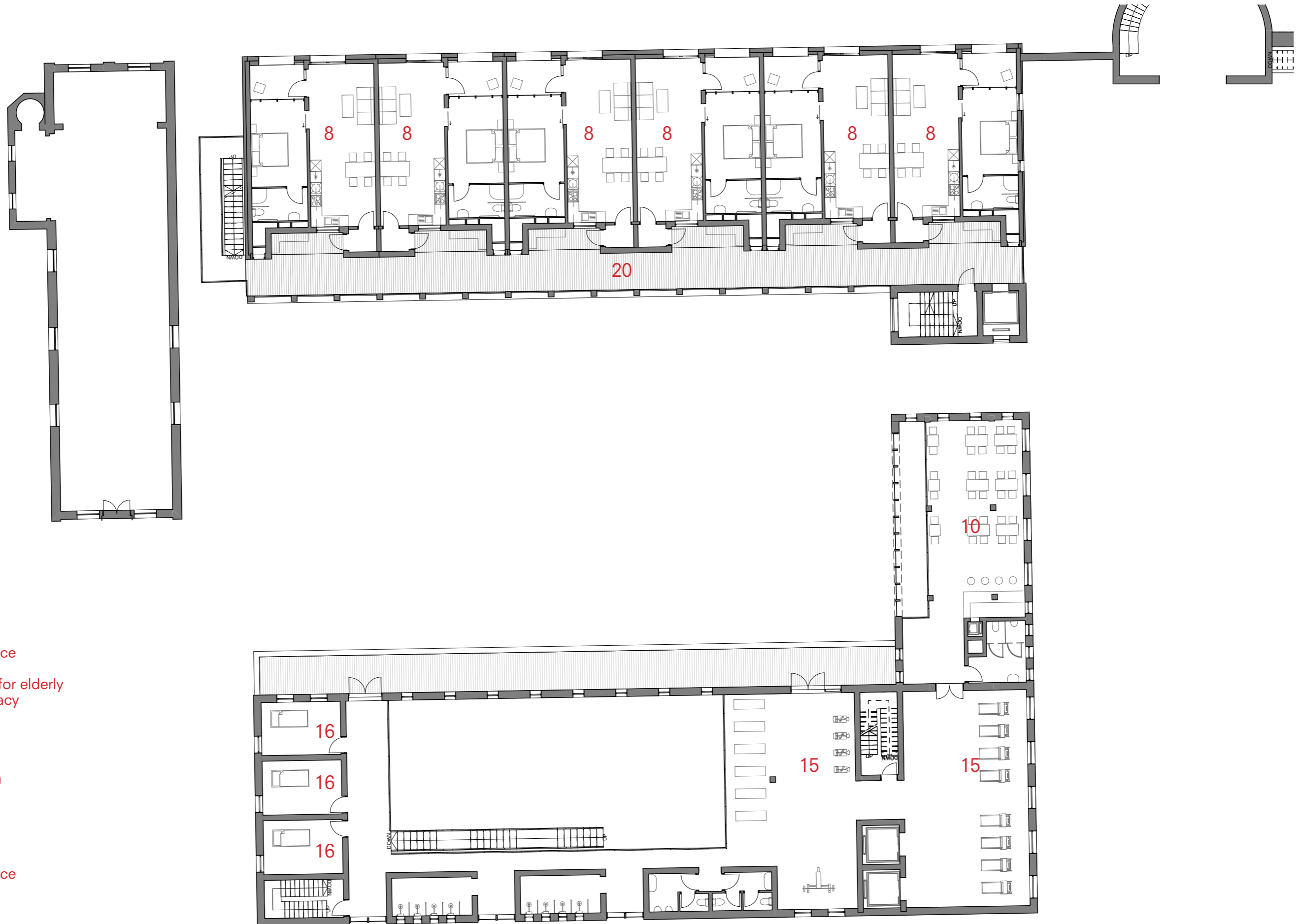
Ground Floor Plan (north part) - 1:200

FLOOR PLAN



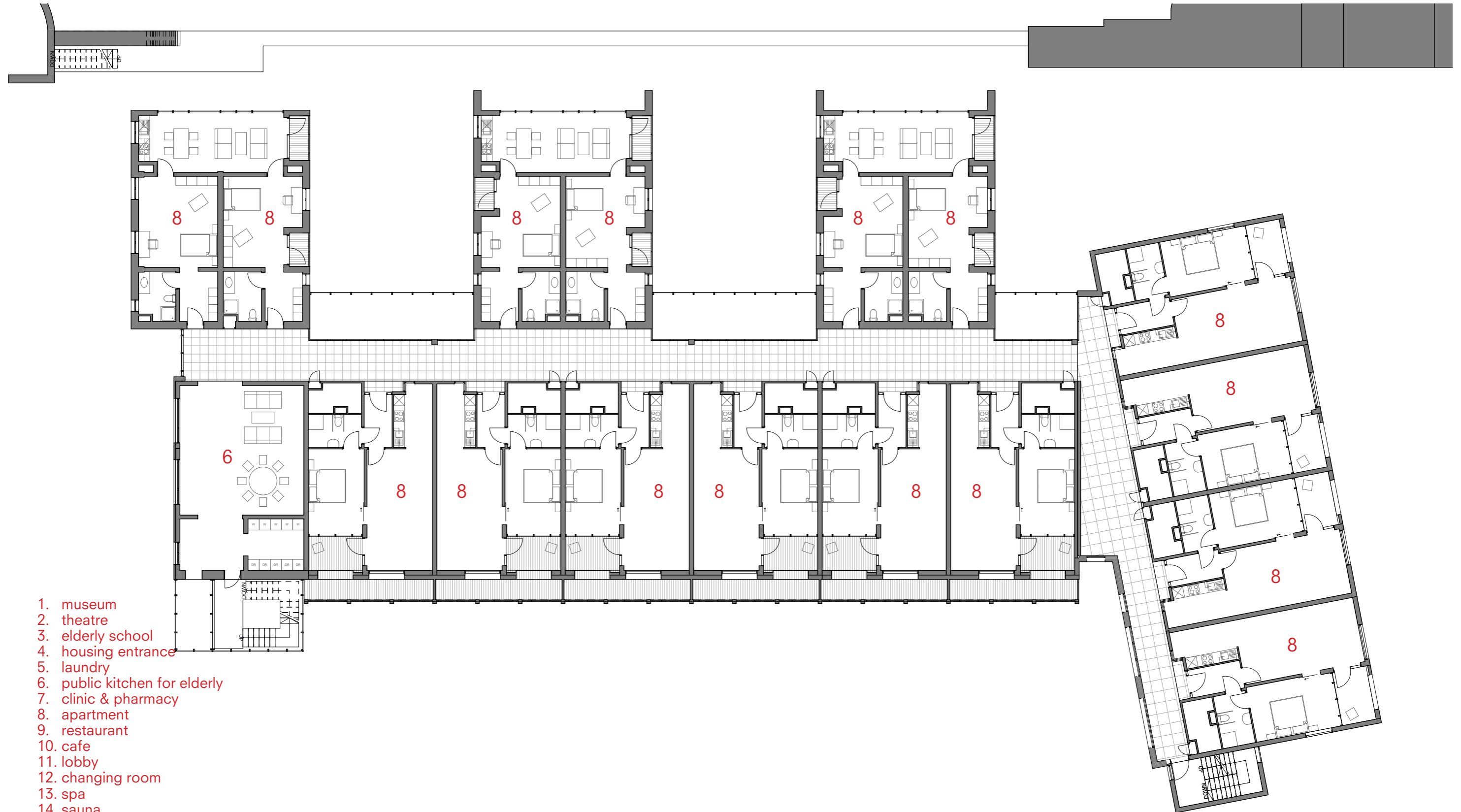
- 1. museum
- 2. theatre
- 3. elderly school
- 4. housing entrance
- 5. laundry
- 6. public kitchen for elderly
- 7. clinic & pharmacy
- 8. apartment
- 9. restaurant
- 10. cafe
- 11. lobby
- 12. changing room
- 13. spa
- 14. sauna
- 15. gym
- 16. massage
- 17. sky bar
- 18. caretaker's office
- 19. courtyard
- 20. terrace

FLOOR PLAN



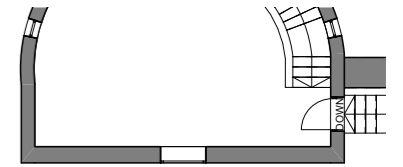
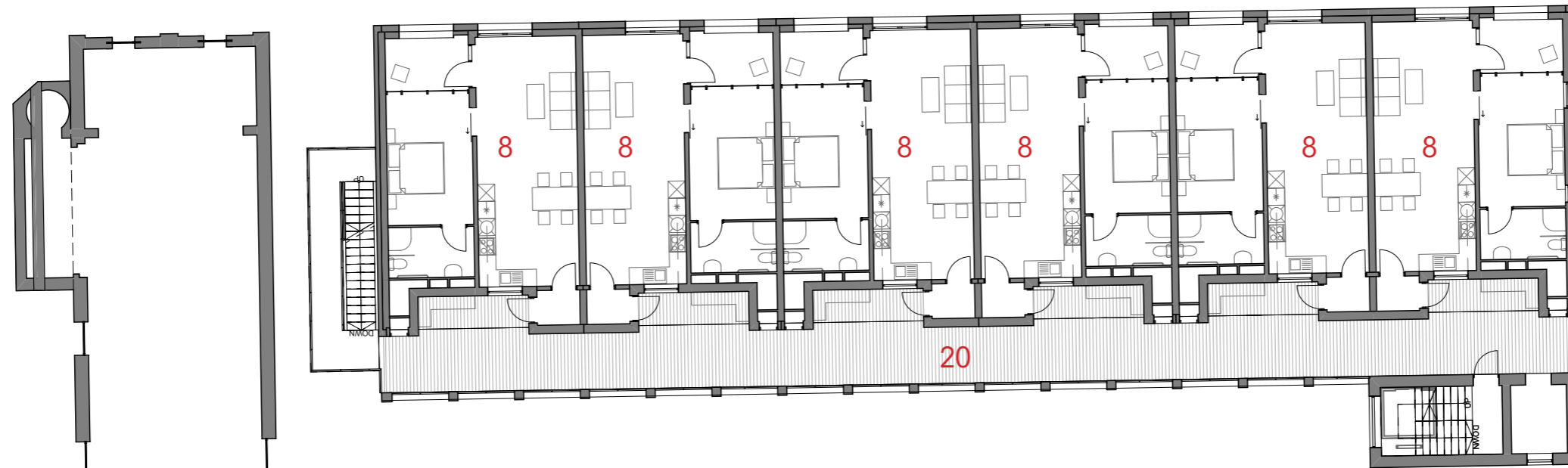
1. museum
2. theatre
3. elderly school
4. housing entrance
5. laundry
6. public kitchen for elderly
7. clinic & pharmacy
8. apartment
9. restaurant
10. cafe
11. lobby
12. changing room
13. spa
14. sauna
15. gym
16. massage
17. sky bar
18. caretaker's office
19. courtyard
20. terrace

FLOOR PLAN

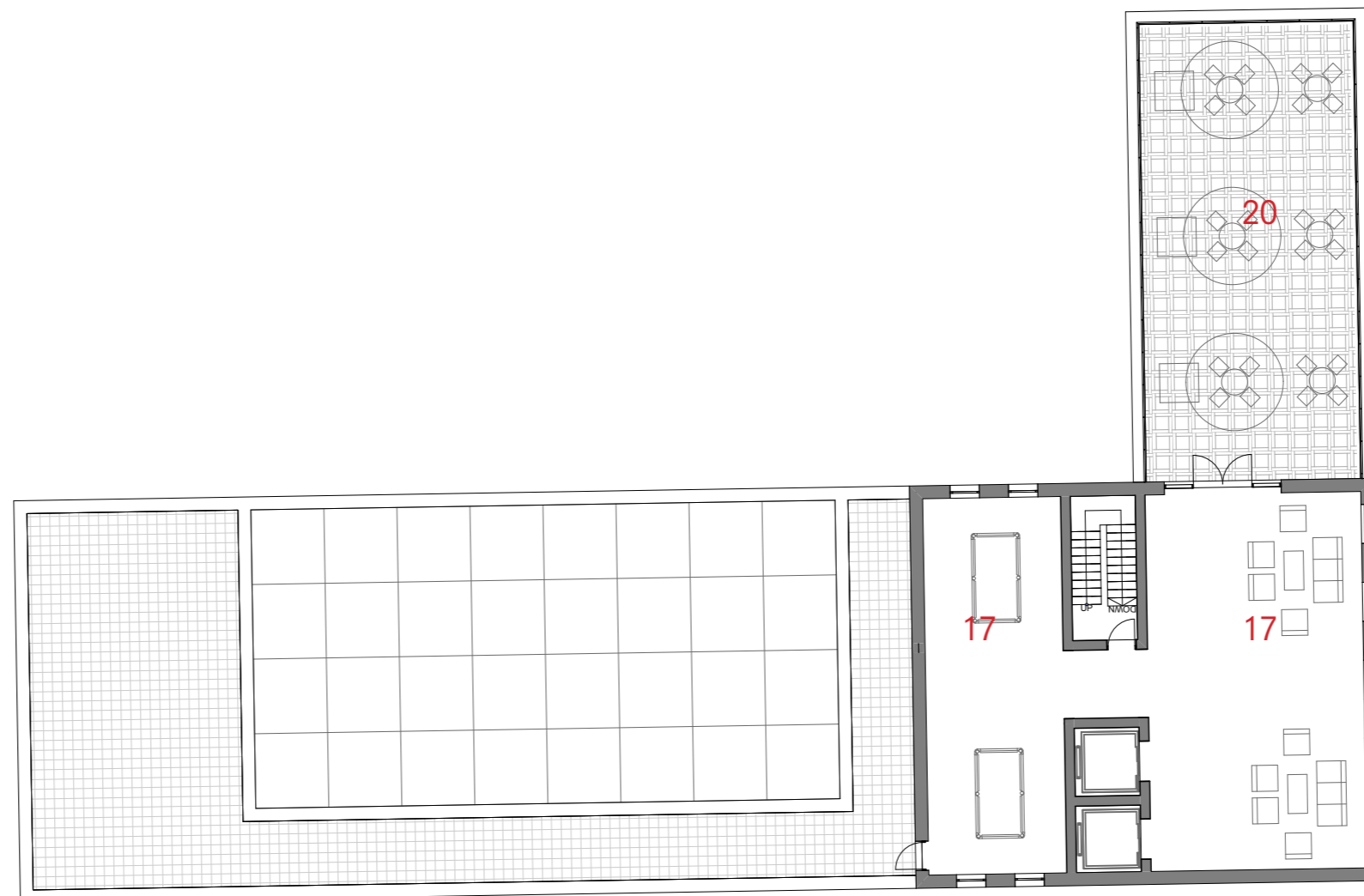


1. museum
2. theatre
3. elderly school
4. housing entrance
5. laundry
6. public kitchen for elderly
7. clinic & pharmacy
8. apartment
9. restaurant
10. cafe
11. lobby
12. changing room
13. spa
14. sauna
15. gym
16. massage
17. sky bar
18. caretaker's office
19. courtyard
20. terrace

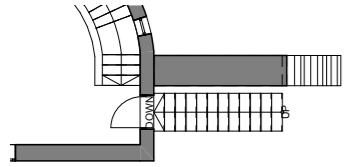
FLOOR PLAN



- 1. museum
- 2. theatre
- 3. elderly school
- 4. housing entrance
- 5. laundry
- 6. public kitchen for elderly
- 7. clinic & pharmacy
- 8. apartment
- 9. restaurant
- 10. cafe
- 11. lobby
- 12. changing room
- 13. spa
- 14. sauna
- 15. gym
- 16. massage
- 17. sky bar
- 18. caretaker's office
- 19. courtyard
- 20. terrace

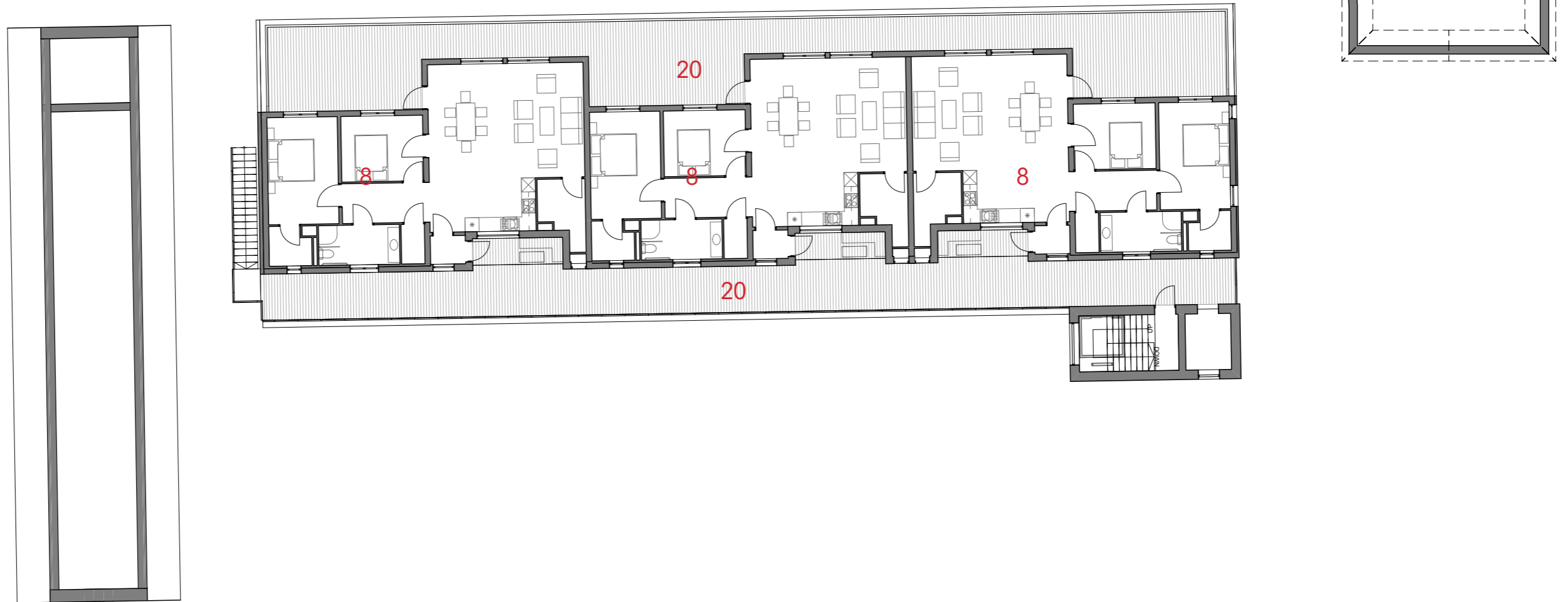


FLOOR PLAN



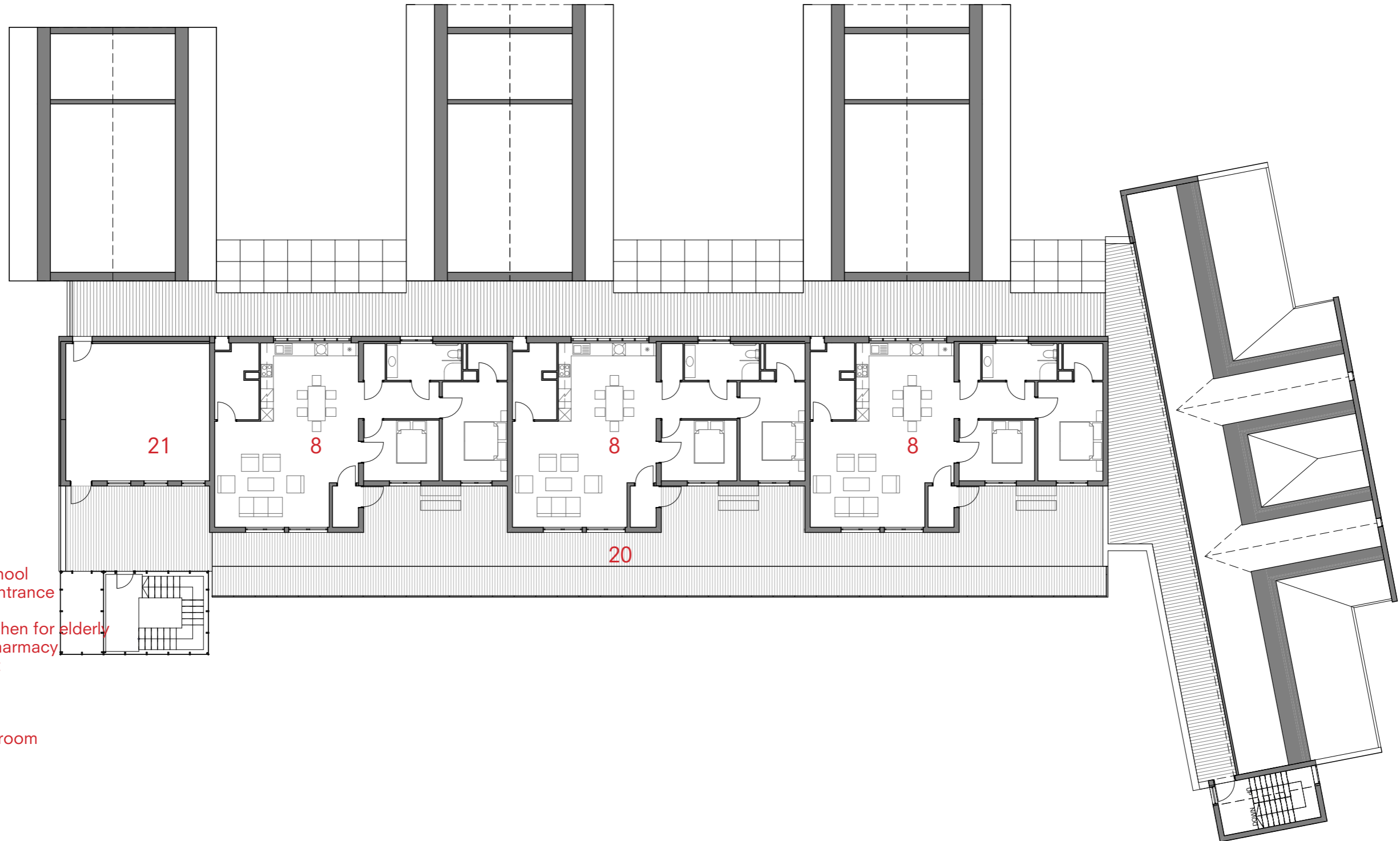
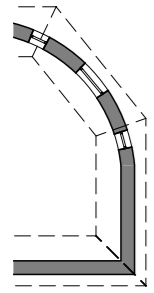
1. museum
2. theatre
3. elderly school
4. housing entrance
5. laundry
6. public kitchen for elderly
7. clinic & pharmacy
8. apartment
9. restaurant
10. cafe
11. lobby
12. changing room
13. spa
14. sauna
15. gym
16. massage
17. sky bar
18. caretaker's office
19. courtyard
20. terrace

FLOOR PLAN



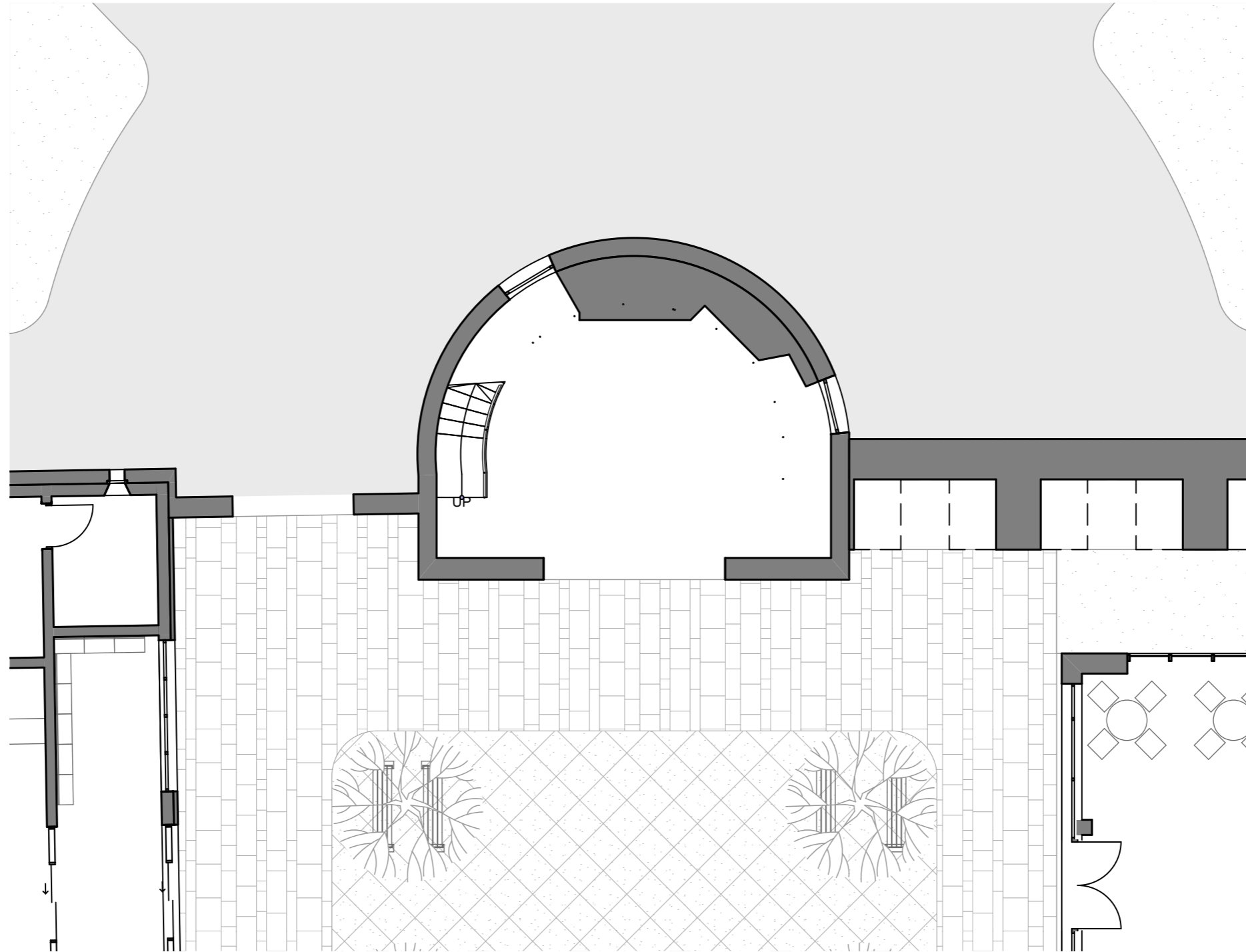
1. museum
2. theatre
3. elderly school
4. housing entrance
5. laundry
6. public kitchen for elderly
7. clinic & pharmacy
8. apartment
9. restaurant
10. cafe
11. lobby
12. changing room
13. spa
14. sauna
15. gym
16. massage
17. sky bar
18. caretaker's office
19. courtyard
20. terrace

FLOOR PLAN

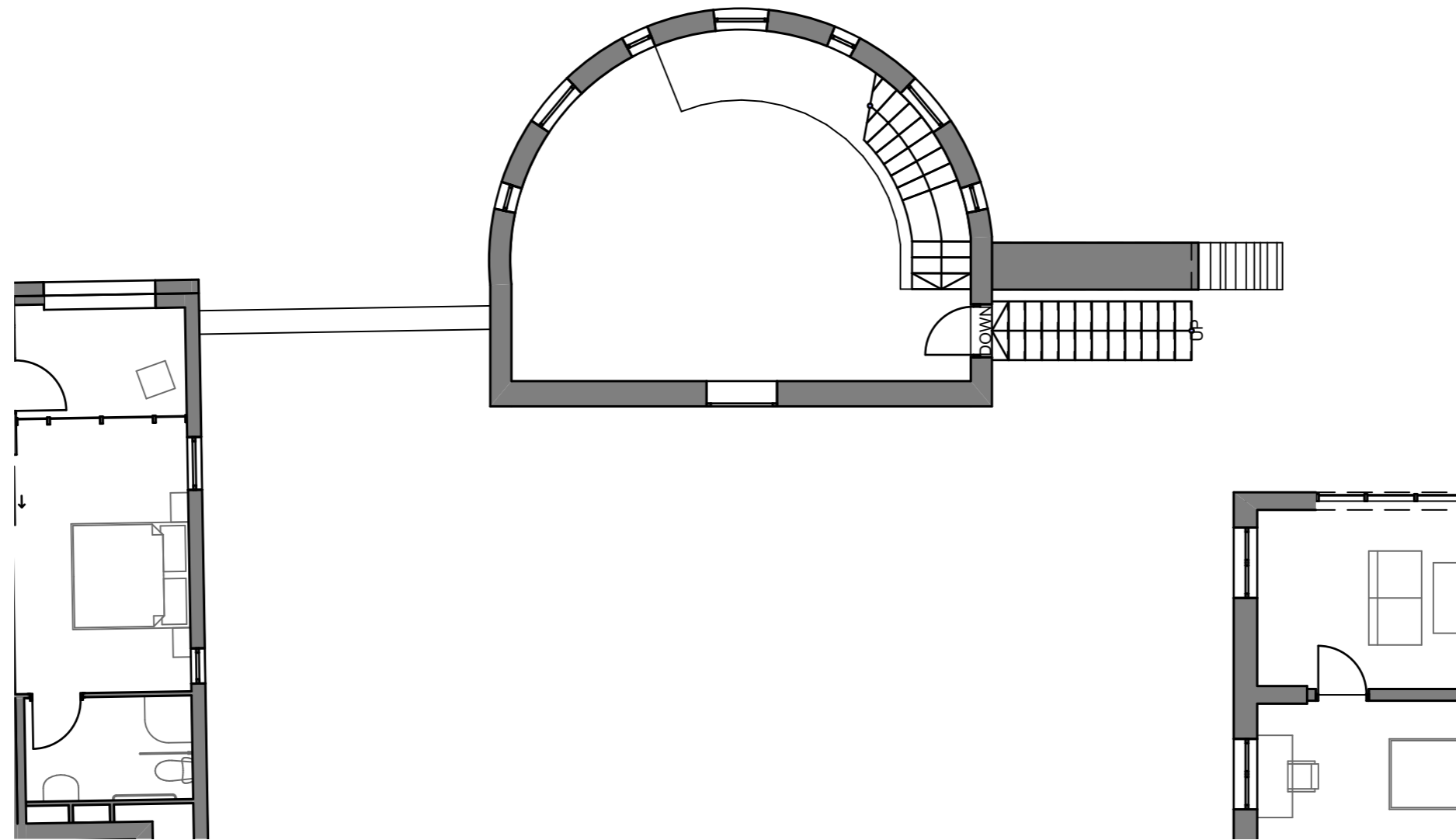


1. museum
2. theatre
3. elderly school
4. housing entrance
5. laundry
6. public kitchen for elderly
7. clinic & pharmacy
8. apartment
9. restaurant
10. cafe
11. lobby
12. changing room
13. spa
14. sauna
15. gym
16. massage
17. sky bar
18. caretaker's office
19. courtyard
20. terrace
21. mechanical room

FLOOR PLAN



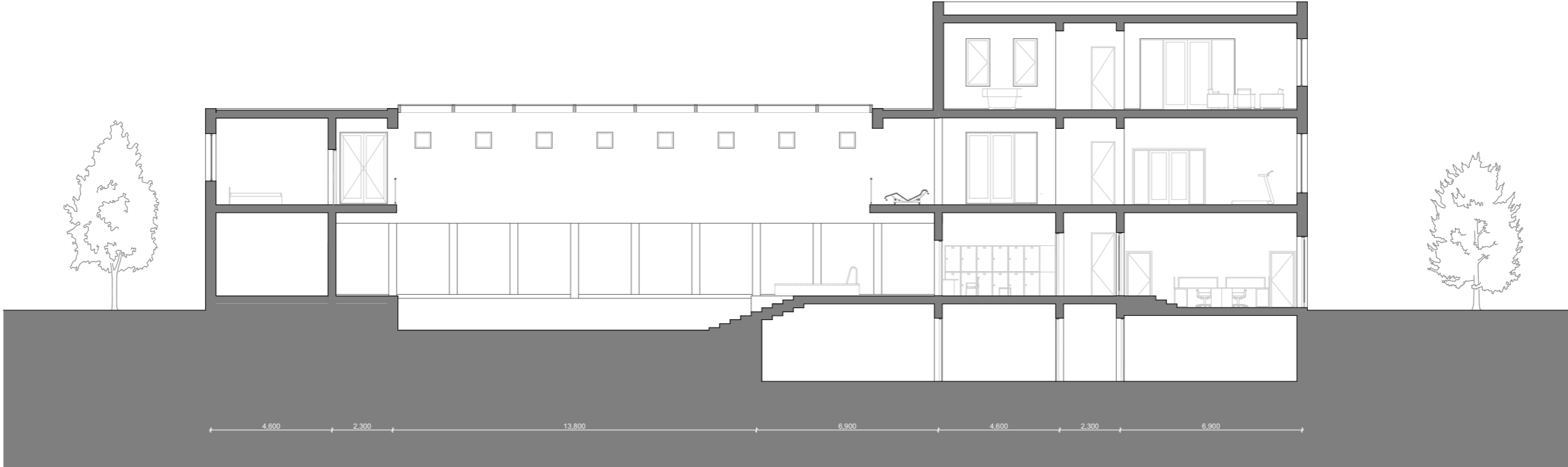
FLOOR PLAN



SECTION



SECTION



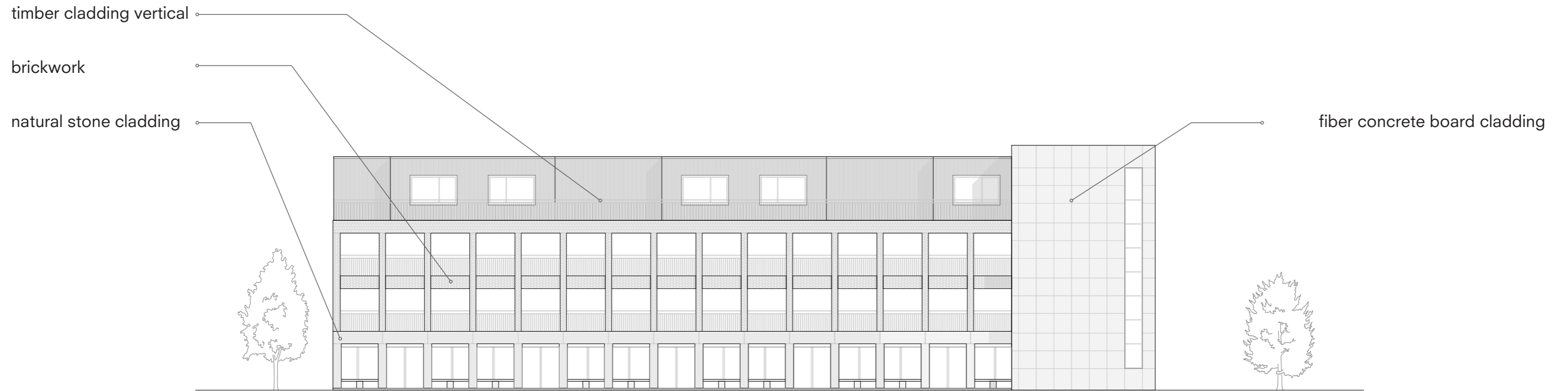
SECTION



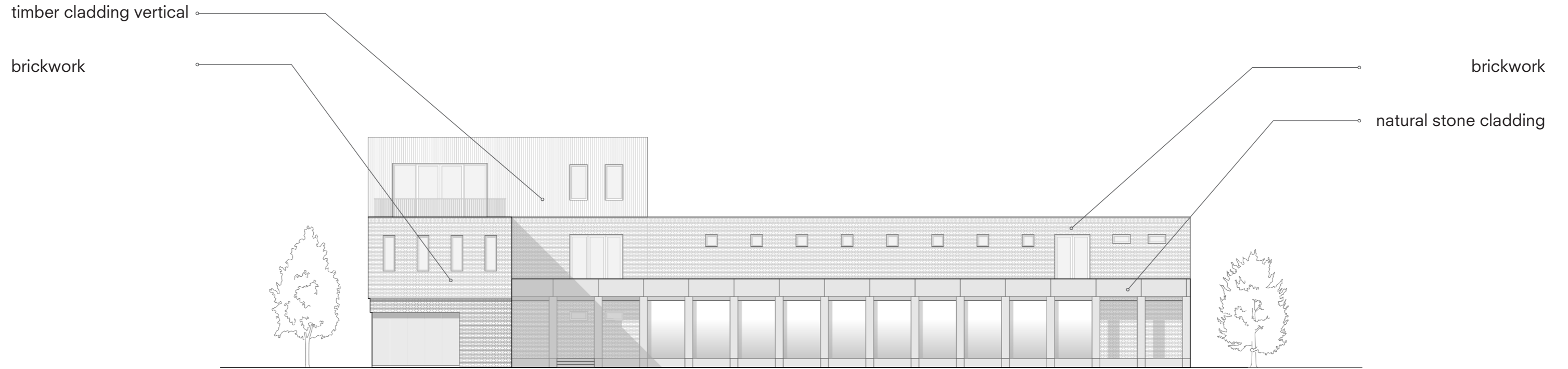
SECTION



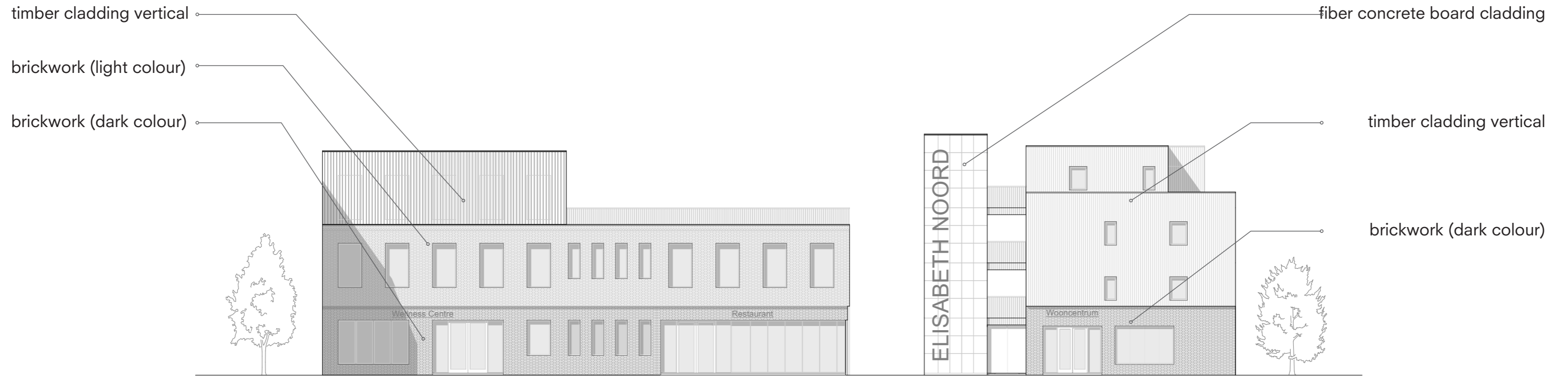
ELEVATION



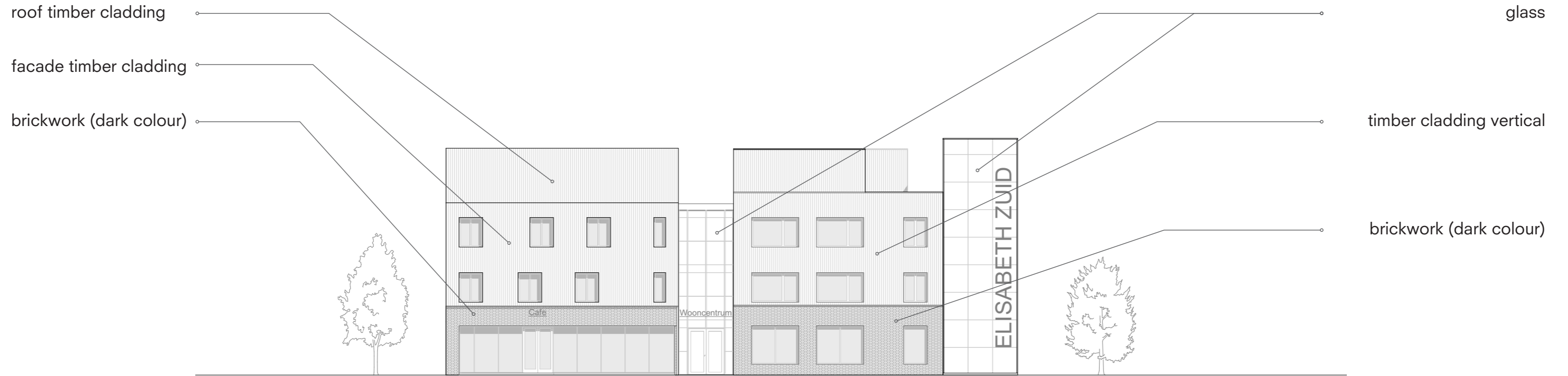
ELEVATION



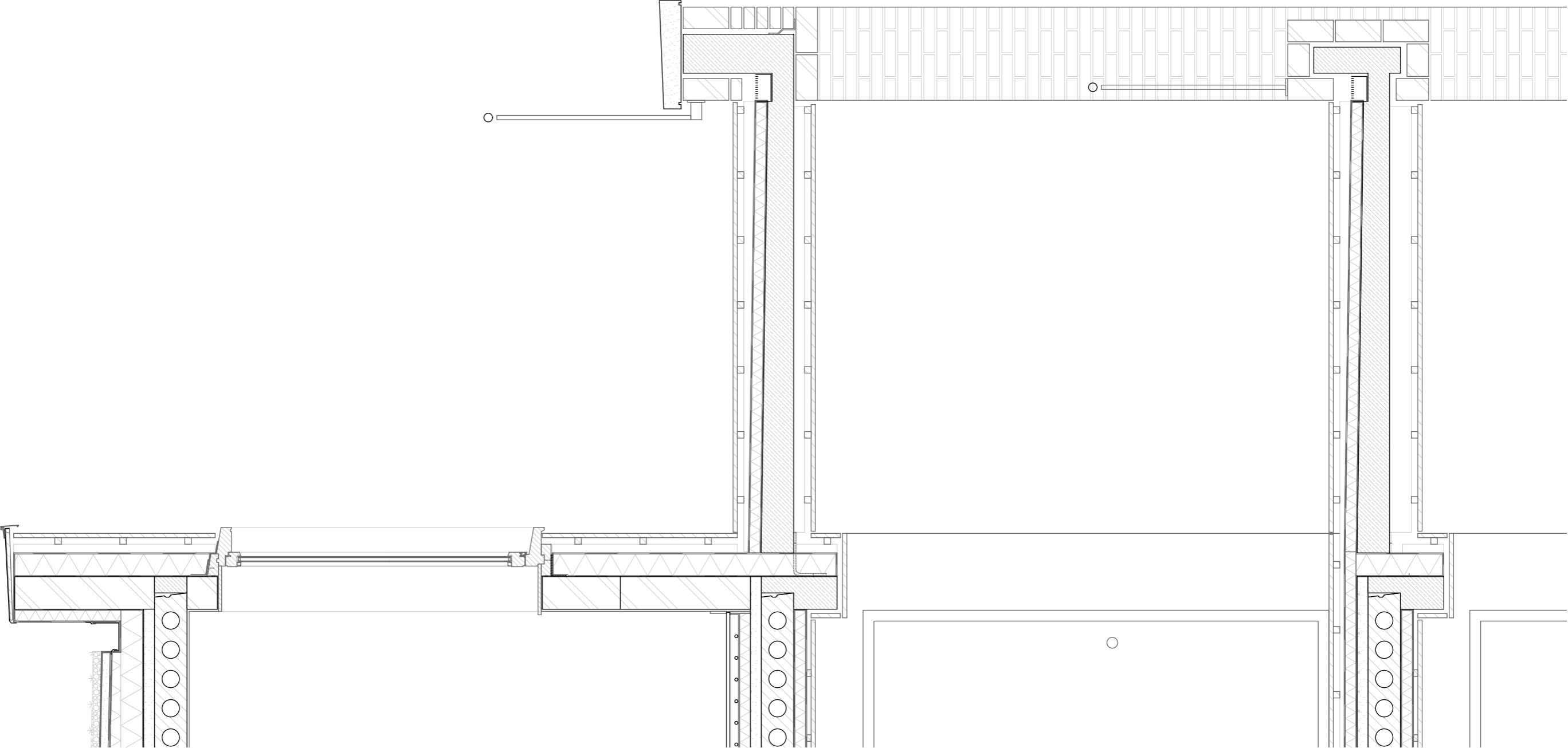
ELEVATION



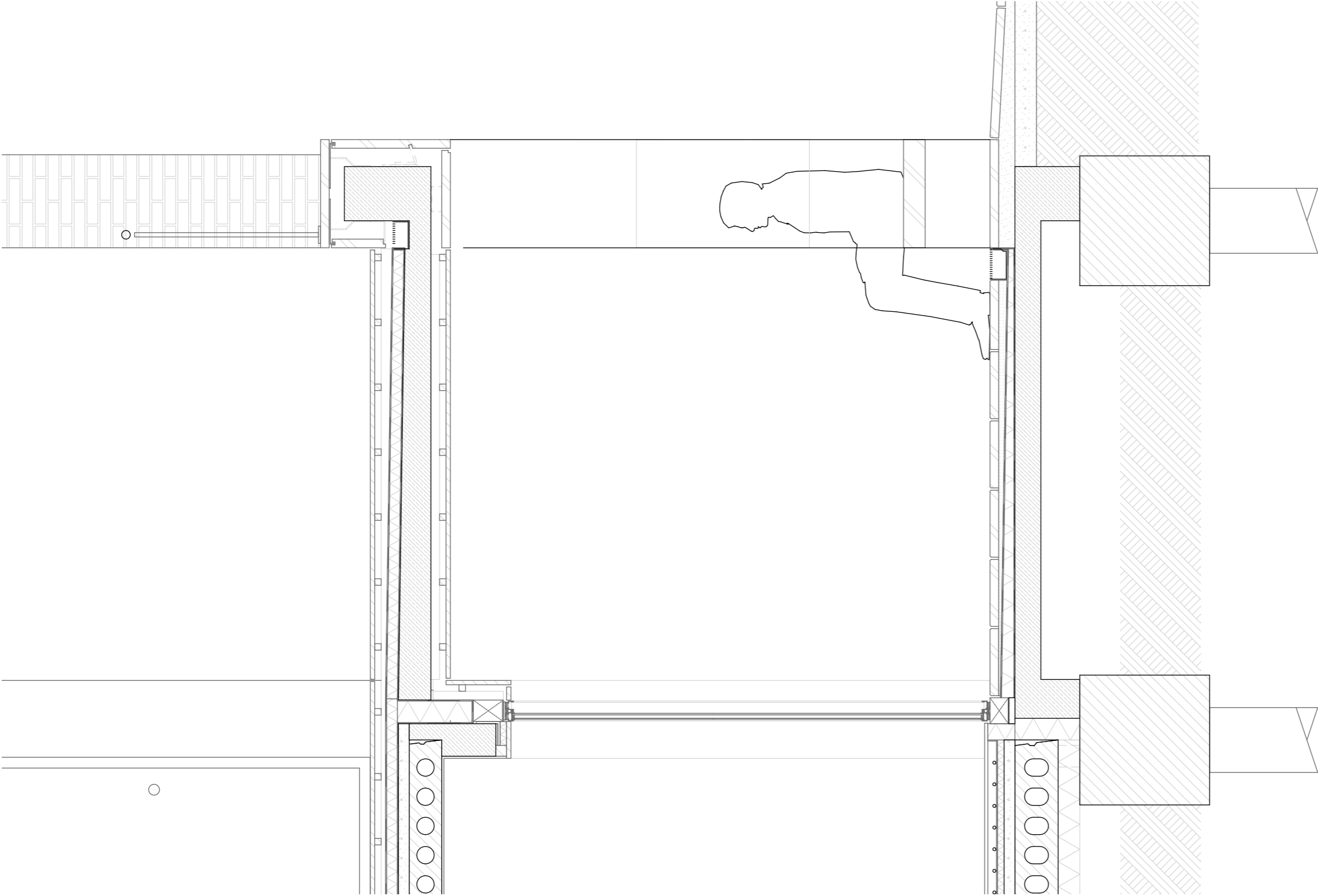
ELEVATION



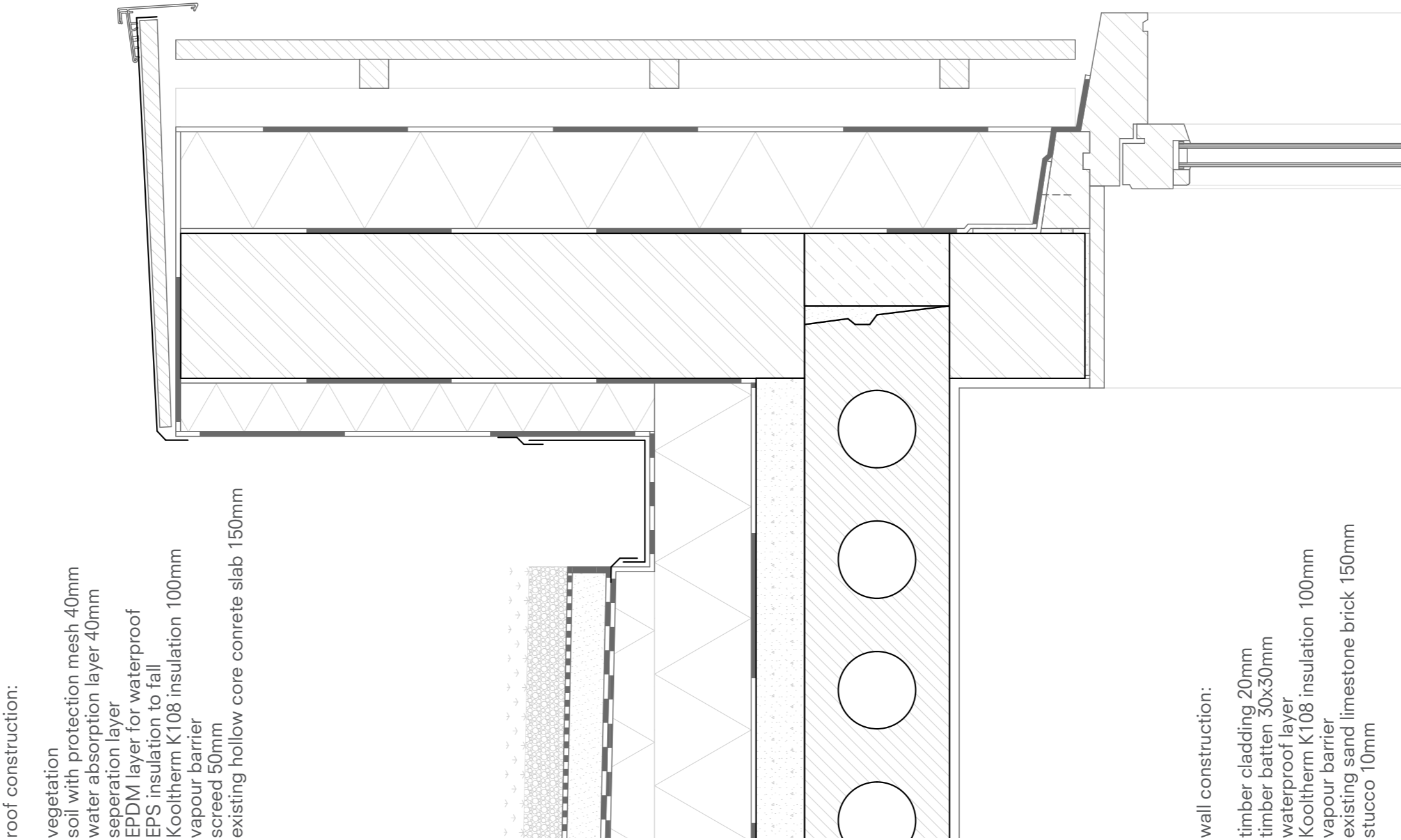
DETAIL



DETAIL



DETAIL



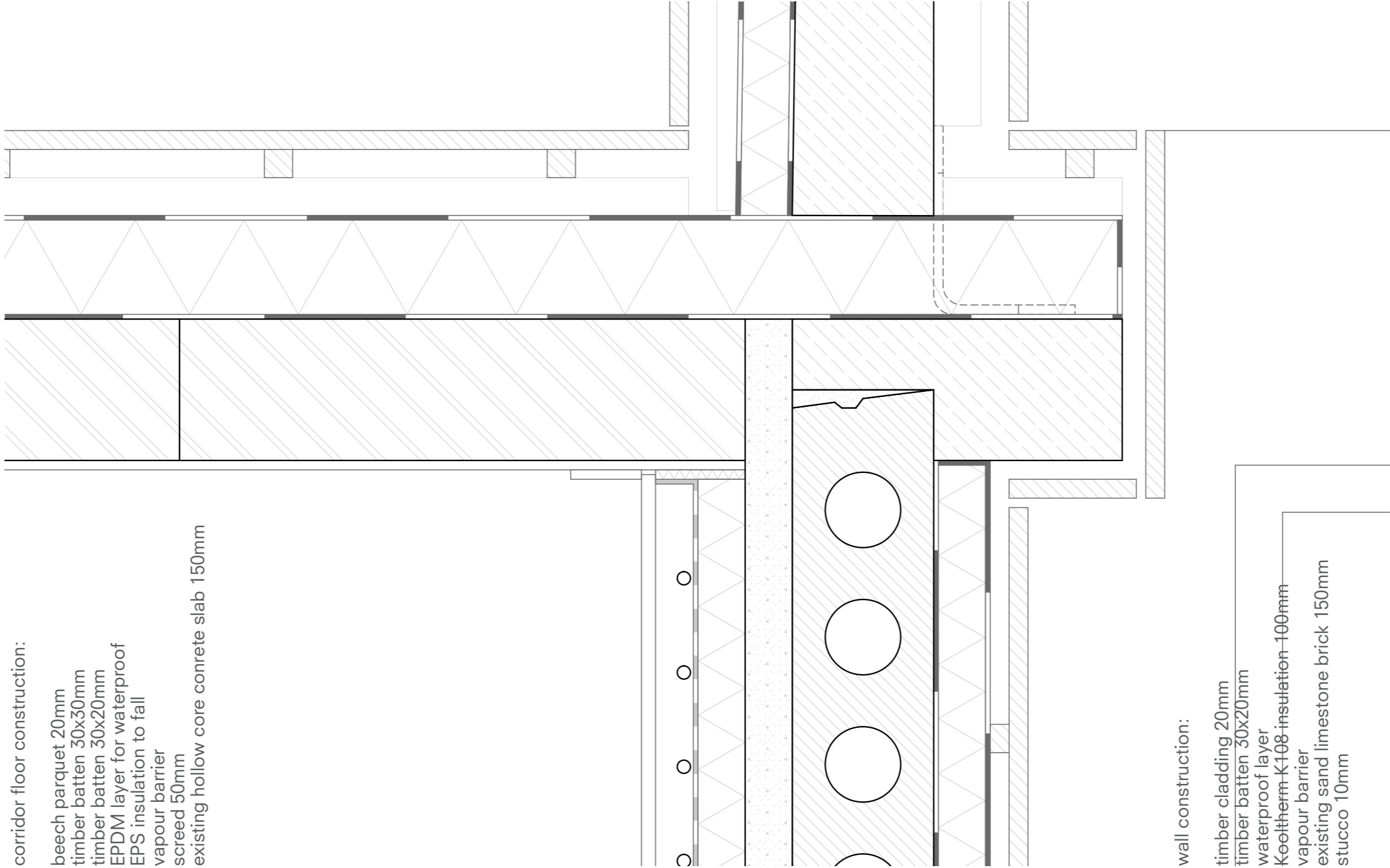
roof construction:

- vegetation
- soil with protection mesh 40mm
- water absorption layer 40mm
- separation layer
- EPDM layer for waterproof
- EPS insulation to fall
- Kooltherm K108 insulation 100mm
- vapour barrier
- screed 50mm
- existing hollow core concrete slab 150mm

wall construction:

- timber cladding 20mm
- timber batten 30x30mm
- waterproof layer
- Kooltherm K108 insulation 100mm
- vapour barrier
- existing sand limestone brick 150mm
- stucco 10mm

DETAIL



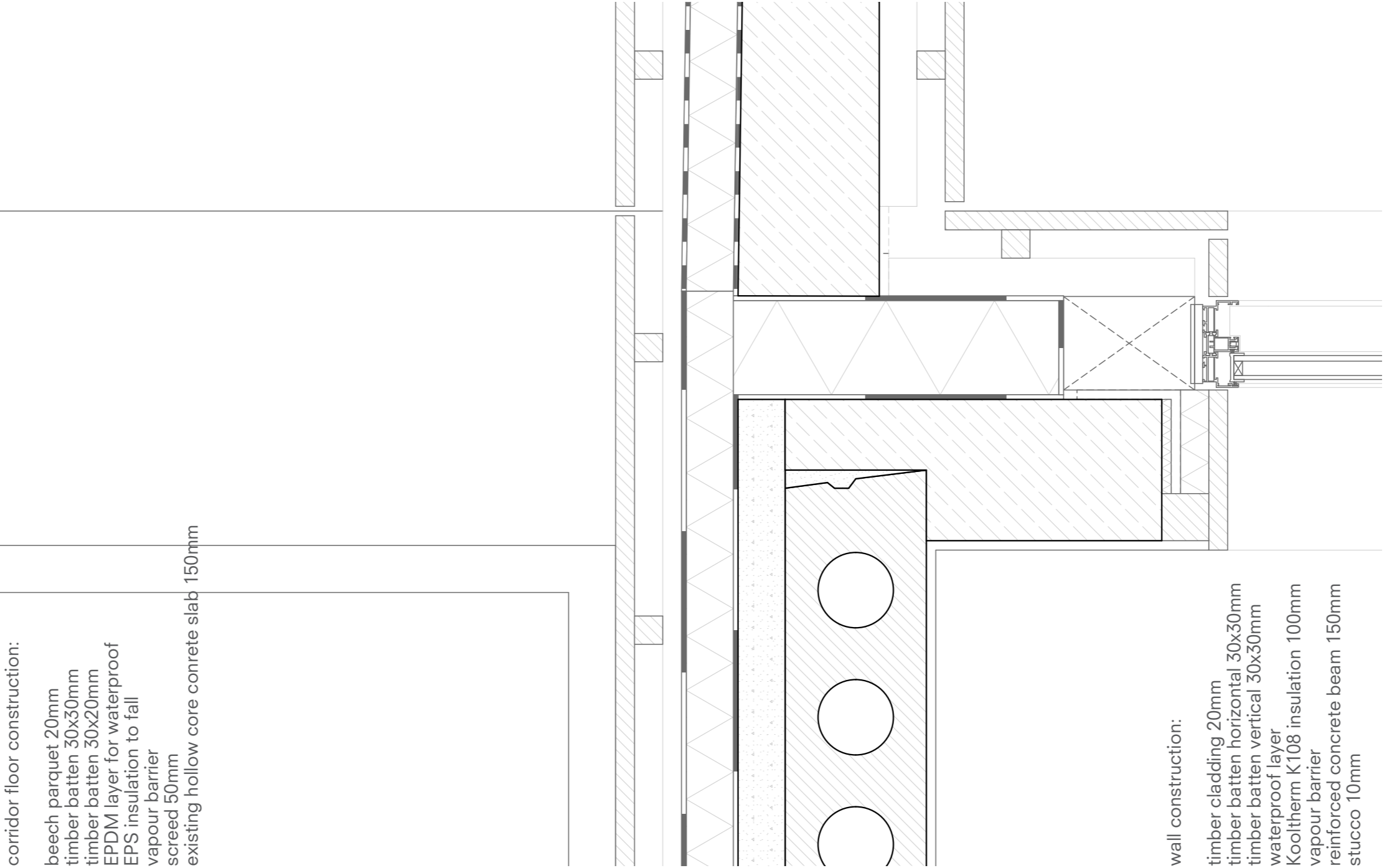
corridor floor construction:

- beech parquet 20mm
- timber batten 30x30mm
- timber batten 30x20mm
- EPDM layer for waterproof
- EPS insulation to fall
- vapour barrier
- screed 50mm
- existing hollow core concrete slab 150mm

wall construction:

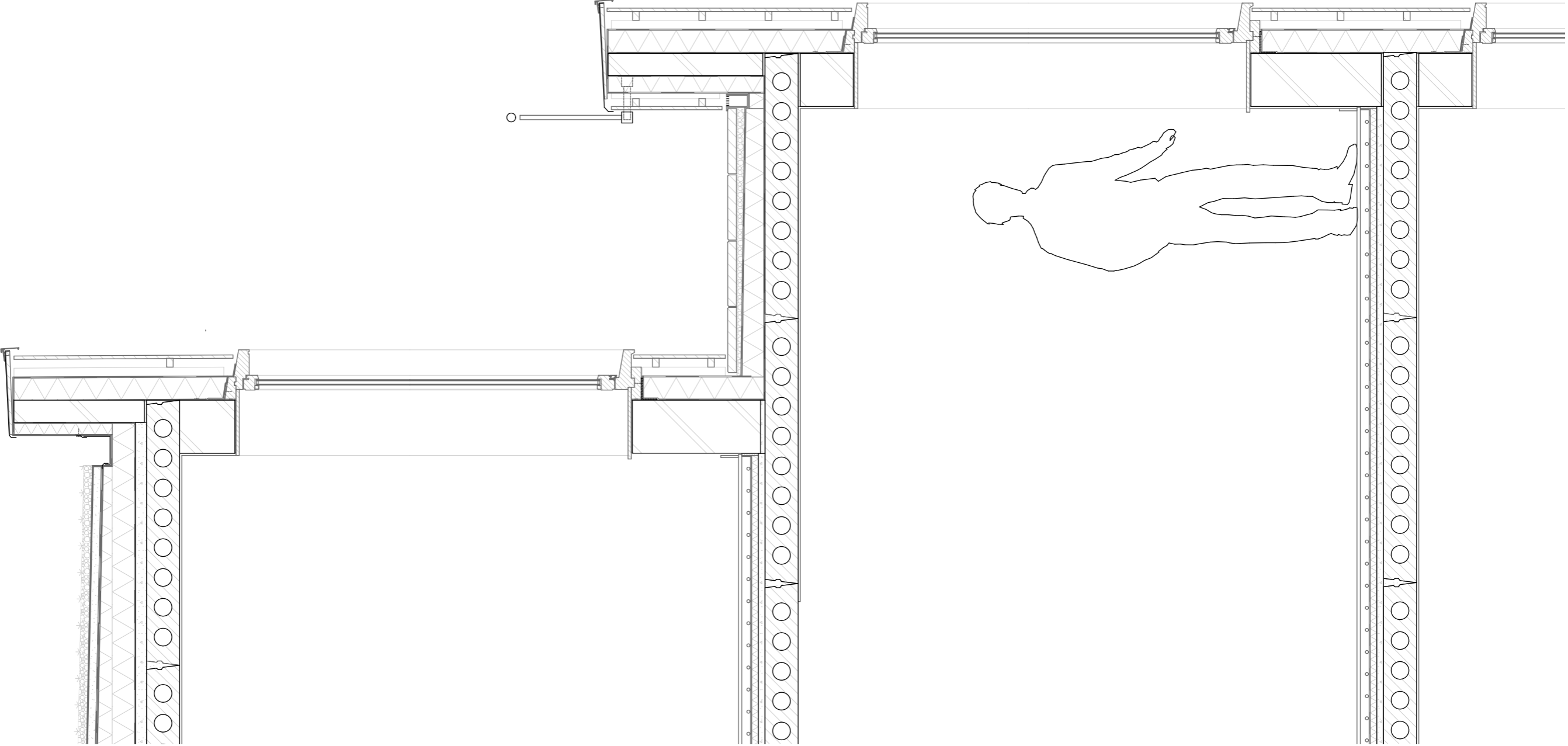
- timber cladding 20mm
- timber batten 30x20mm
- waterproof layer
- Kootherm-K108 insulation 100mm
- vapour barrier
- existing sand limestone brick 150mm
- stucco 10mm

DETAIL

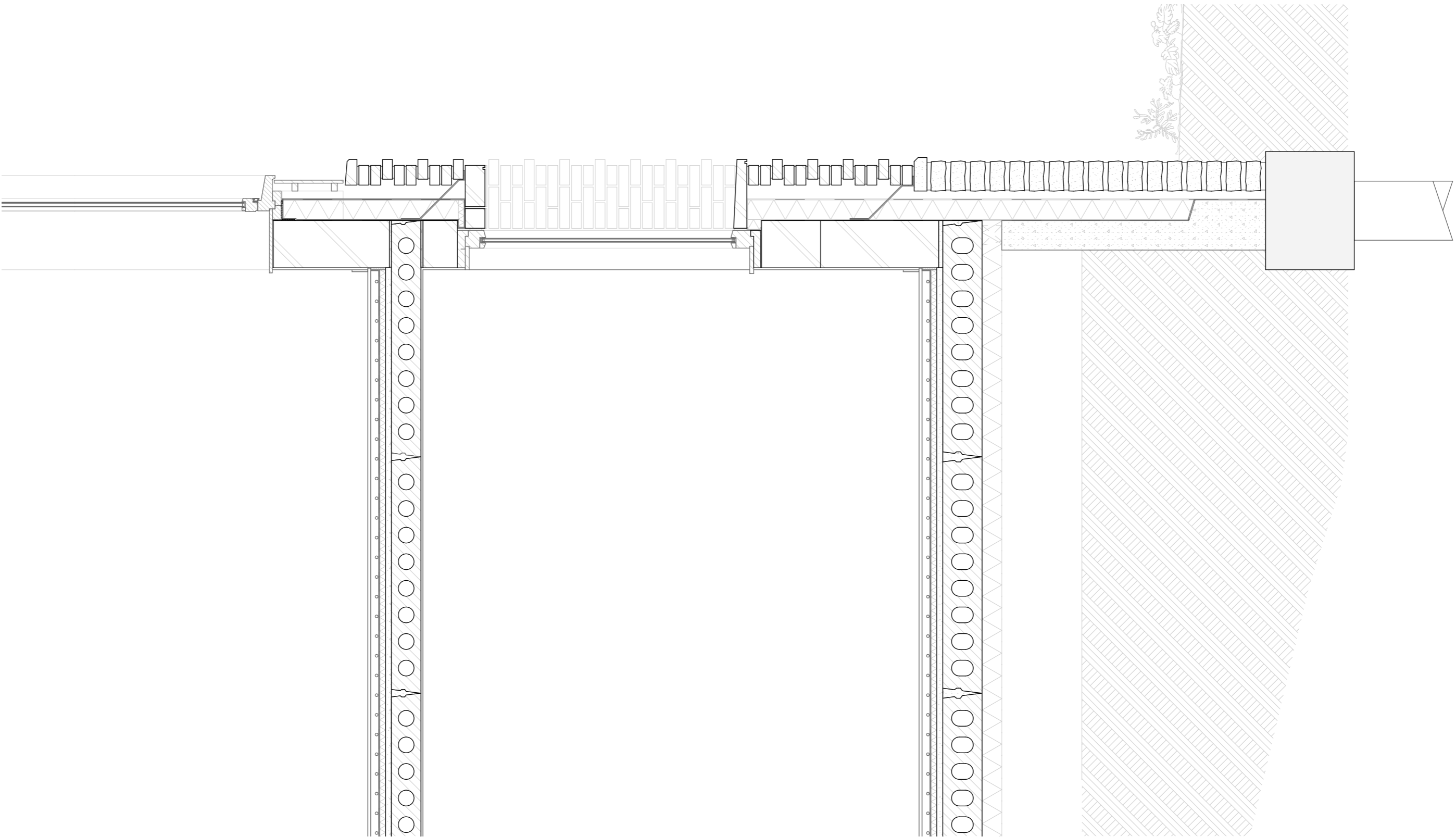


DETAIL

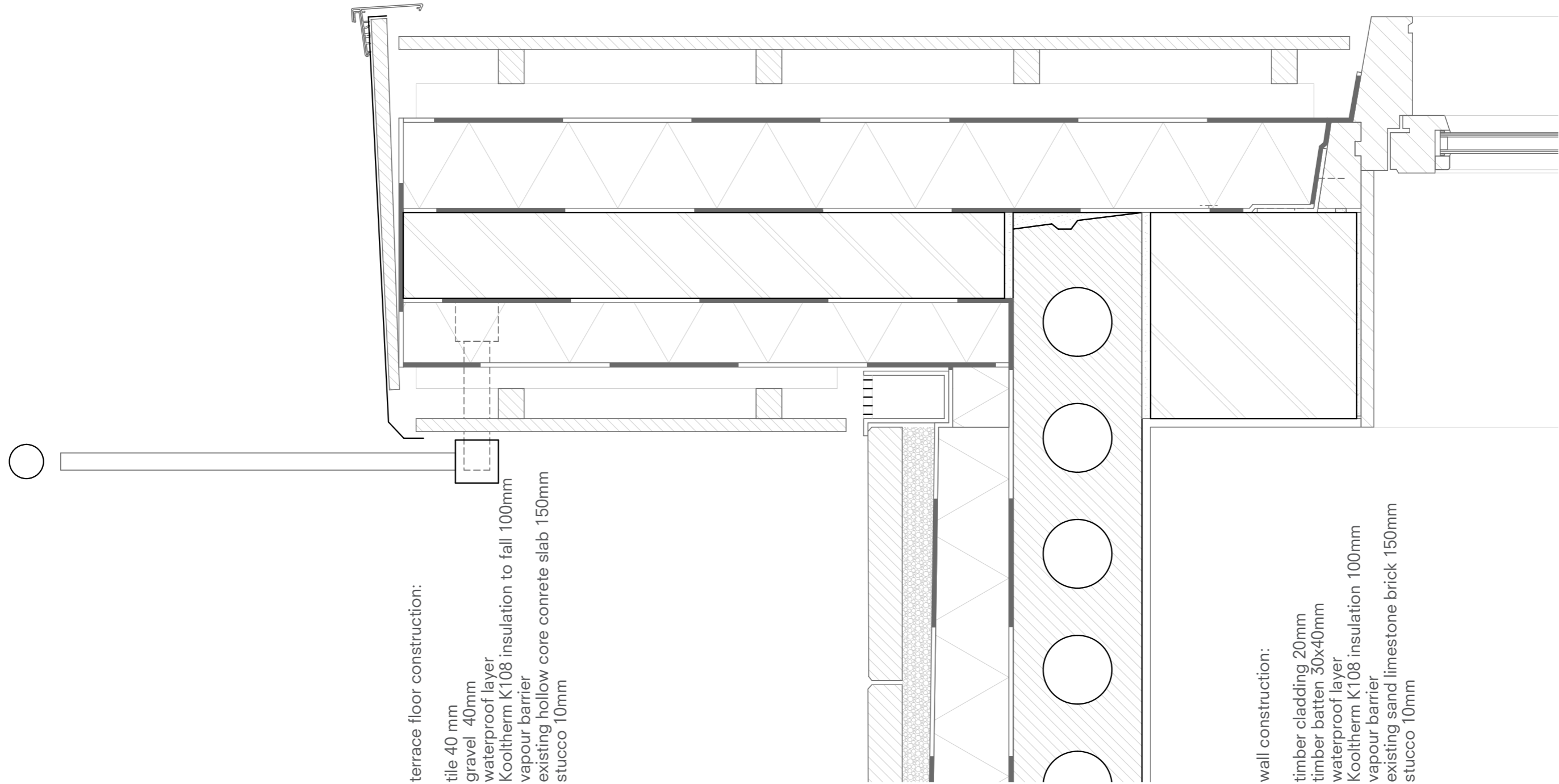
DETAIL



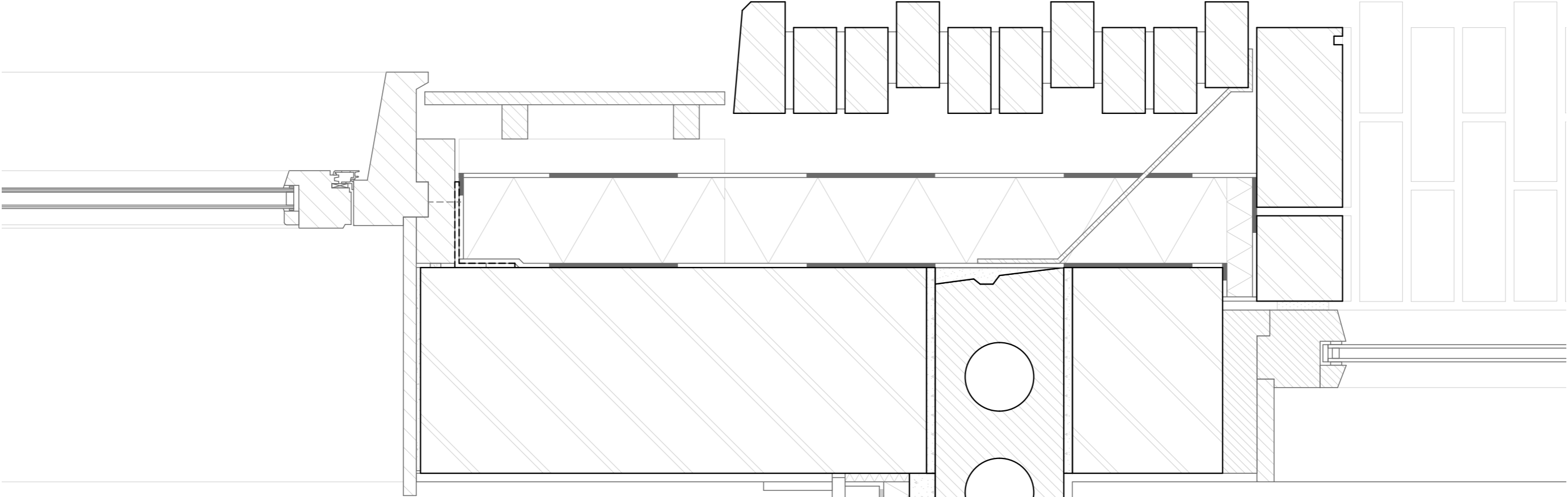
DETAIL



DETAIL



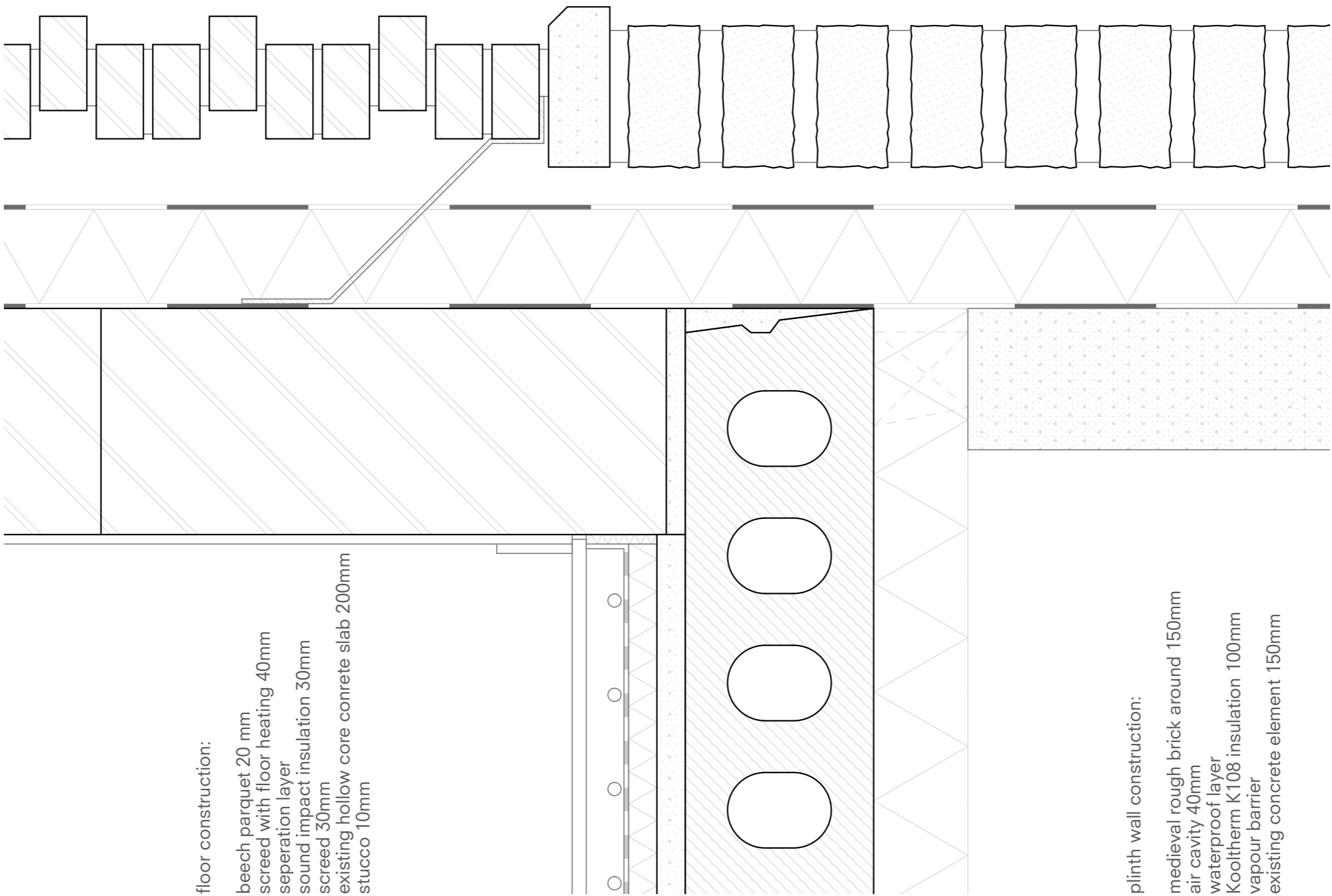
DETAIL



floor construction:
 beech parquet 20 mm
 screed with floor heating 40mm
 separation layer
 sound impact insulation 30mm
 screed 30mm
 existing hollow core concrete slab 150mm
 stucco 10mm

ground floor wall construction:
 brickwork 210x100x50mm
 ventilated air cavity 70mm
 waterproof layer
 Kooltherm K108 insulation 100mm
 vapour barrier
 existing sand limestone brick 240mm
 stucco 10mm

DETAIL

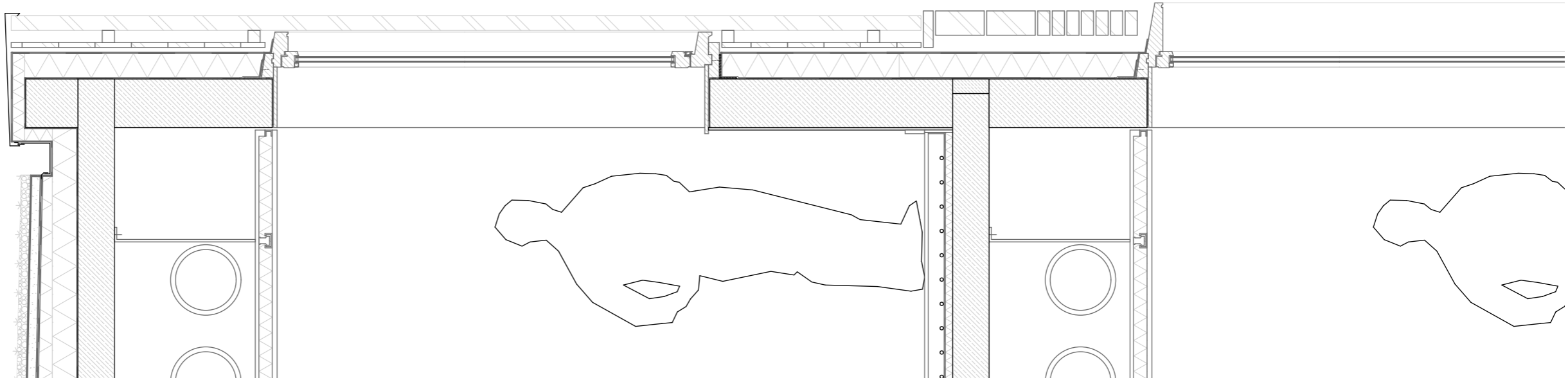


floor construction:
 beech parquet 20 mm
 screed with floor heating 40mm
 separation layer
 sound impact insulation 30mm
 screed 30mm
 existing hollow core concrete slab 200mm
 stucco 10mm

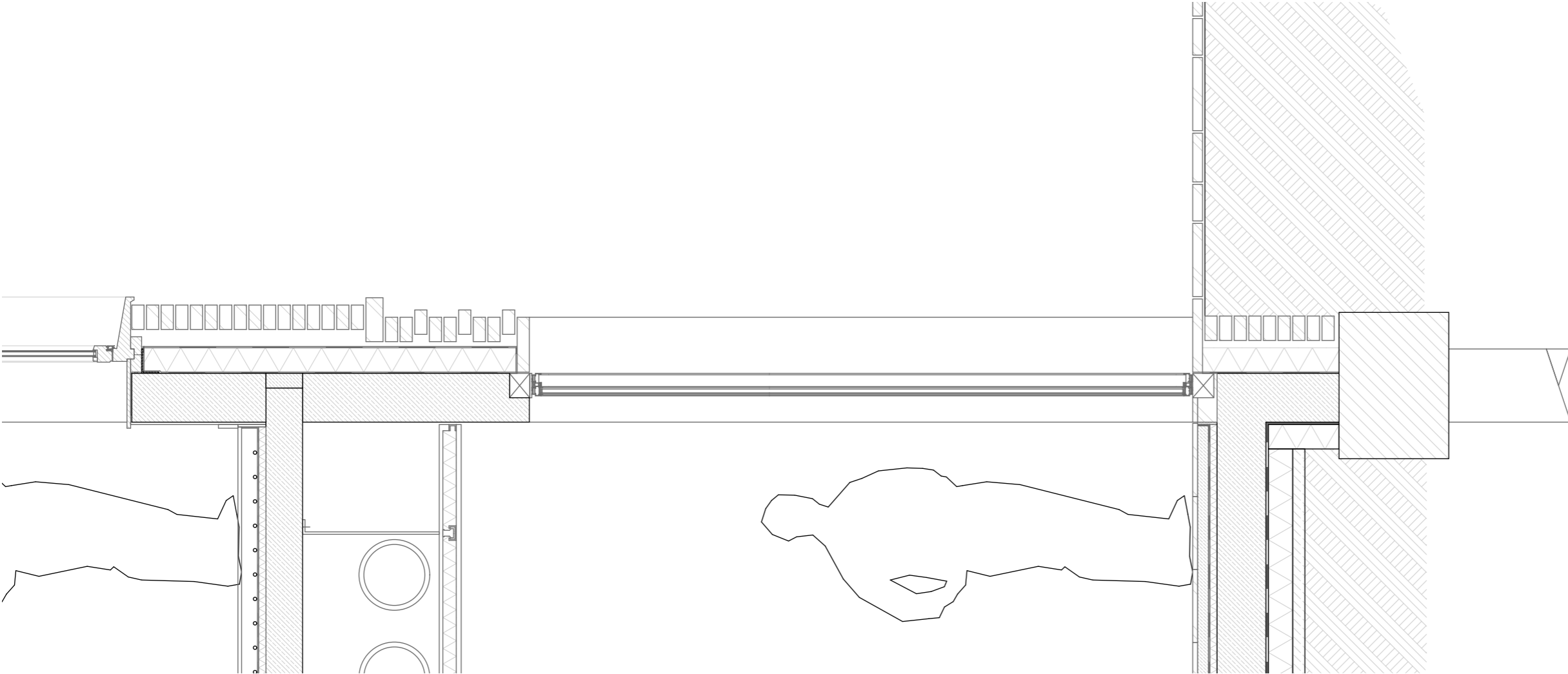
plinth wall construction:
 medieval rough brick around 150mm
 air cavity 40mm
 waterproof layer
 Kooltherm K108 insulation 100mm
 vapour barrier
 existing concrete element 150mm

DETAIL

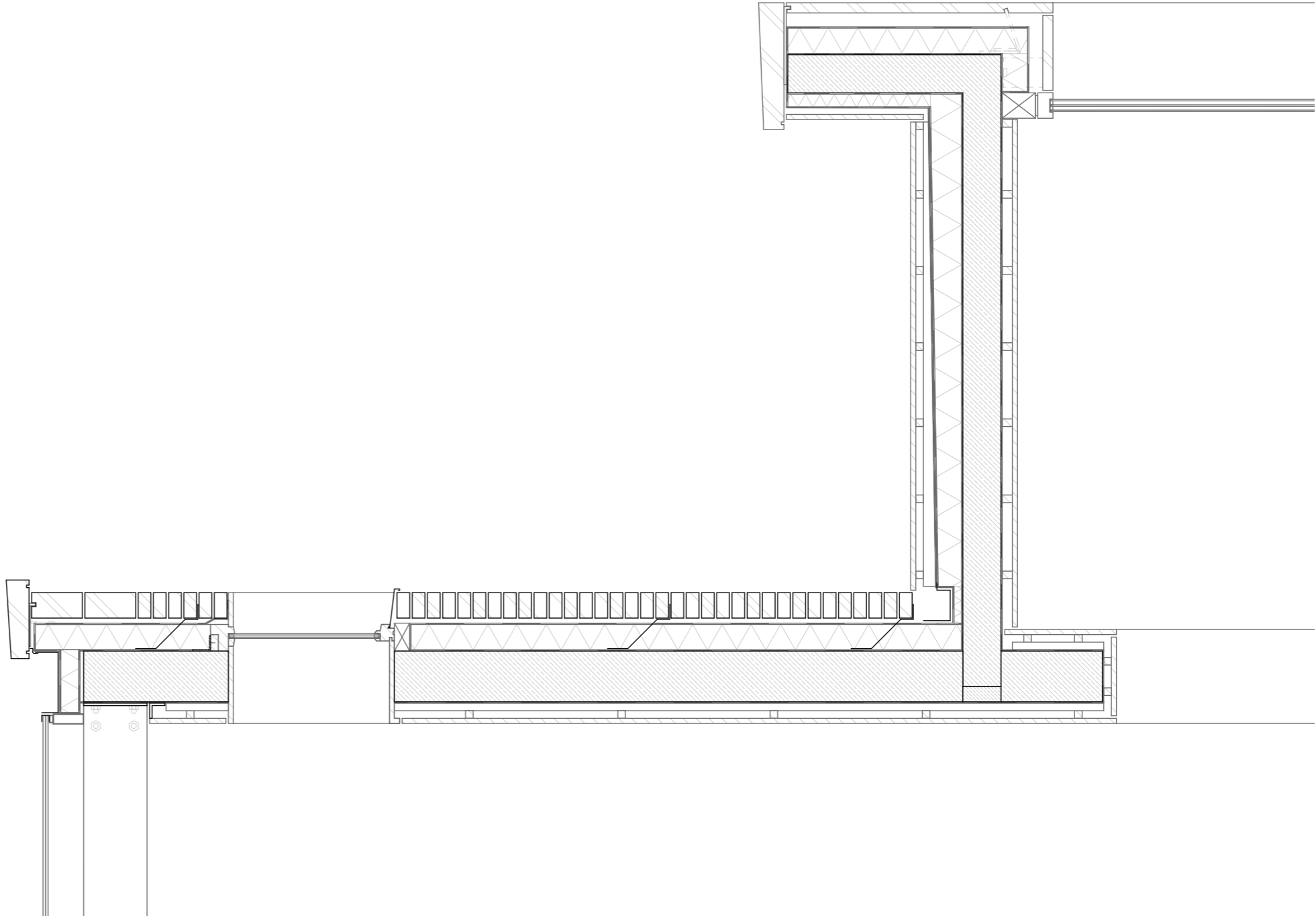
DETAIL



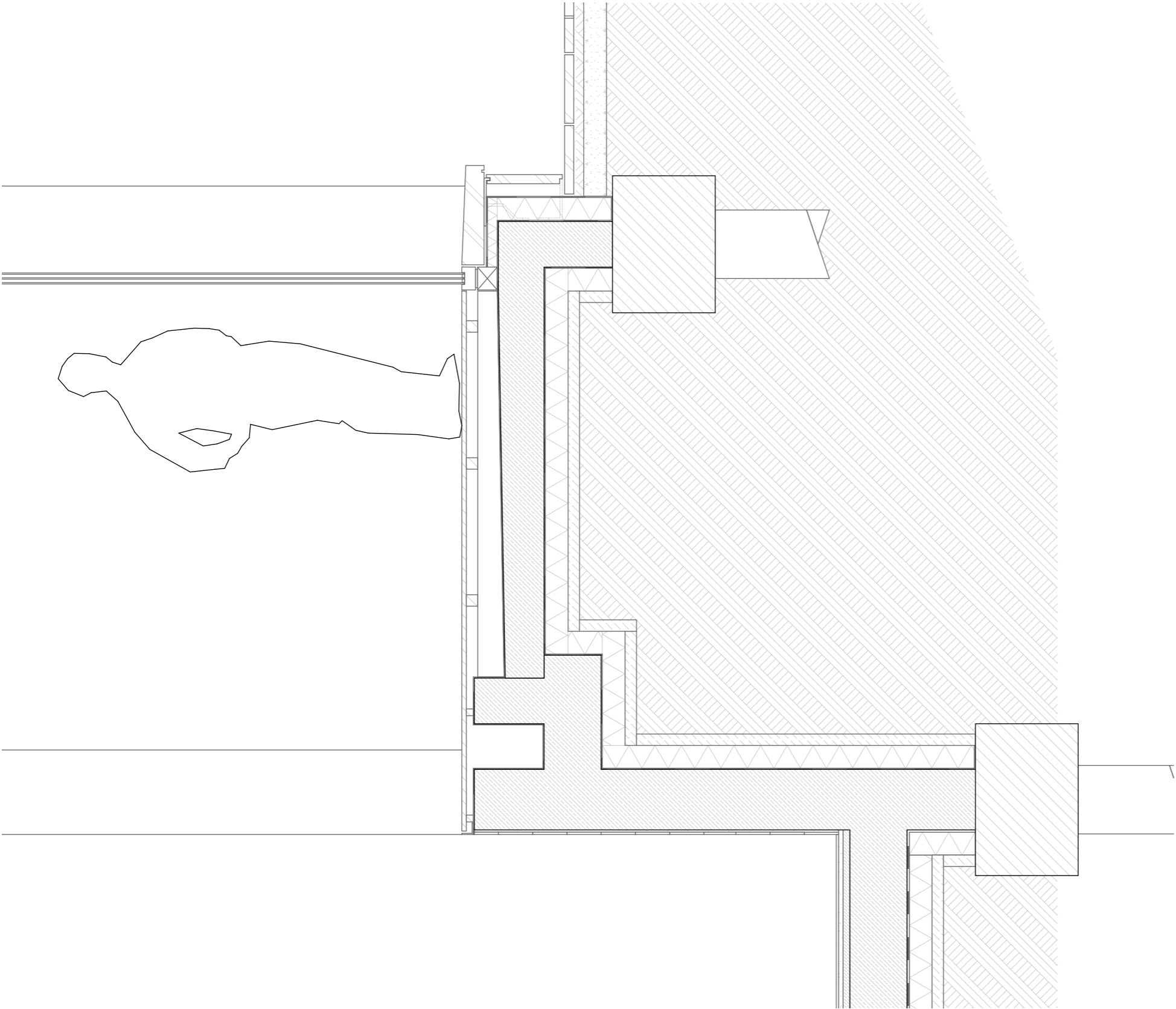
DETAIL



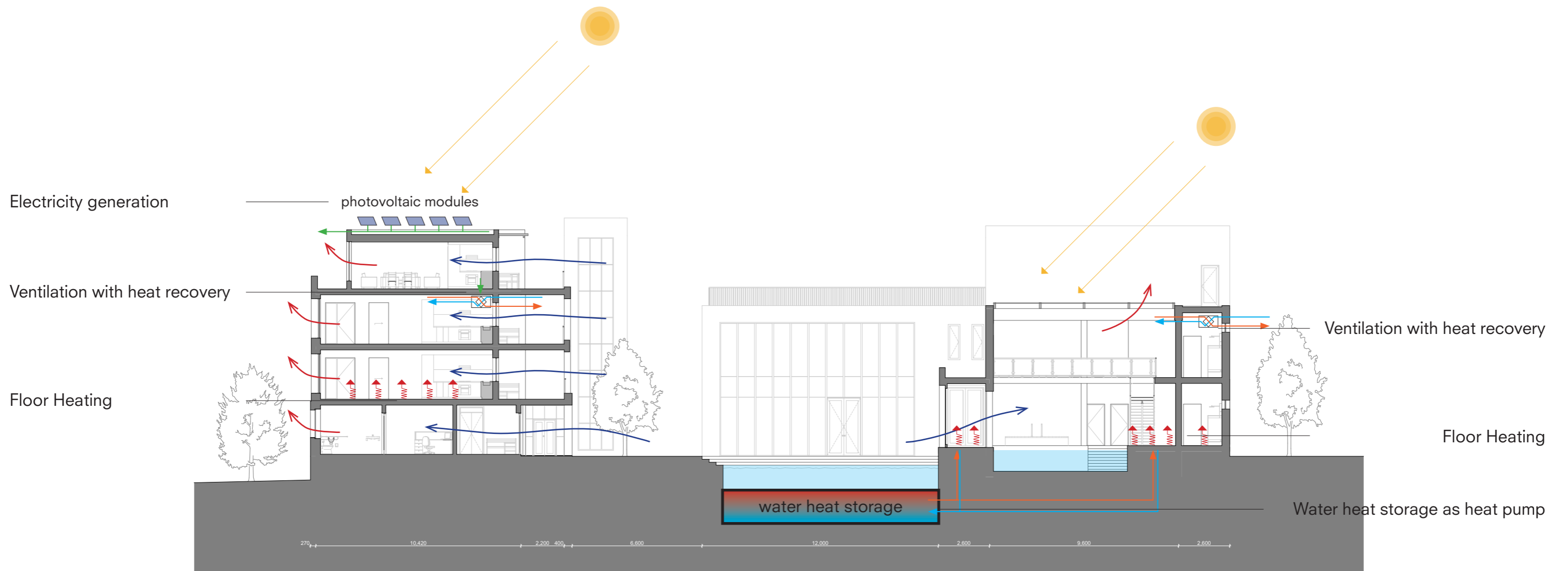
DETAIL



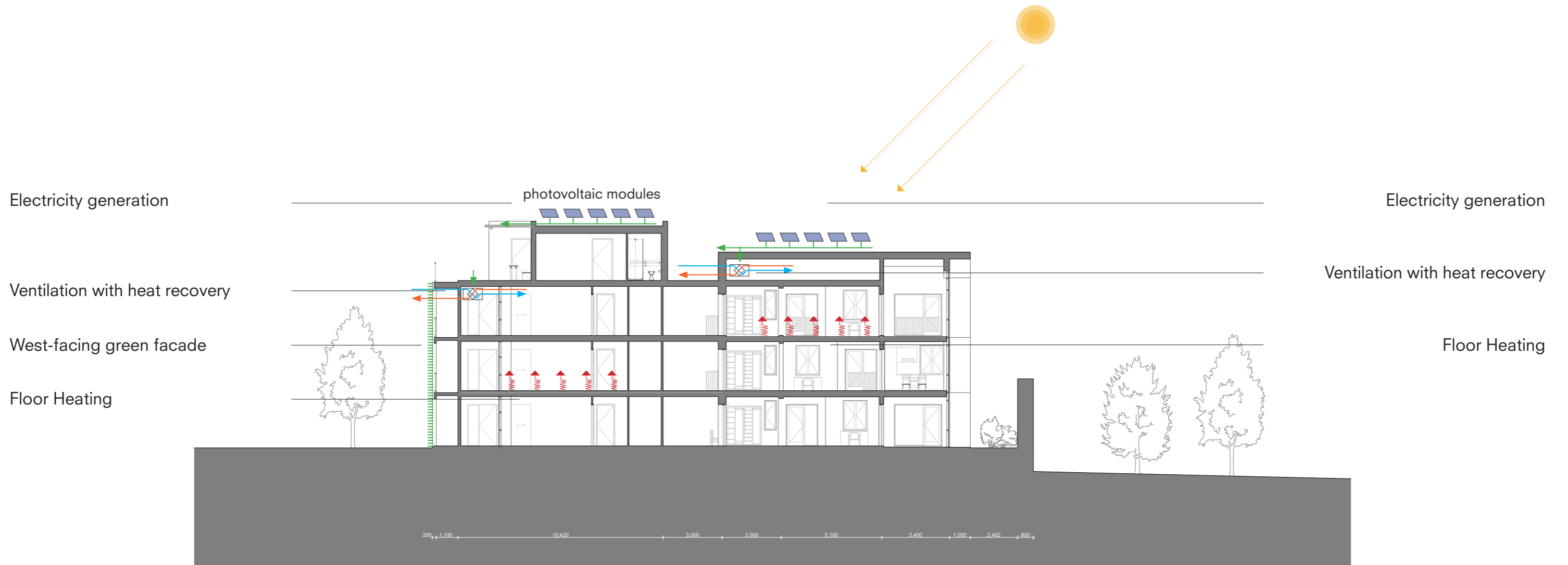
DETAIL



CLIMATE DESIGN



CLIMATE DESIGN



RENDERING



RENDERING



RENDERING



RENDERING



RENDERING



RENDERING



RENDERING



City Wall Elevation