



4F
3F
2F
3F

4F
3F
5F
4F
4F

1F
4F
4F
1F
4F

2F
2F

0 10 20 30 40 50m

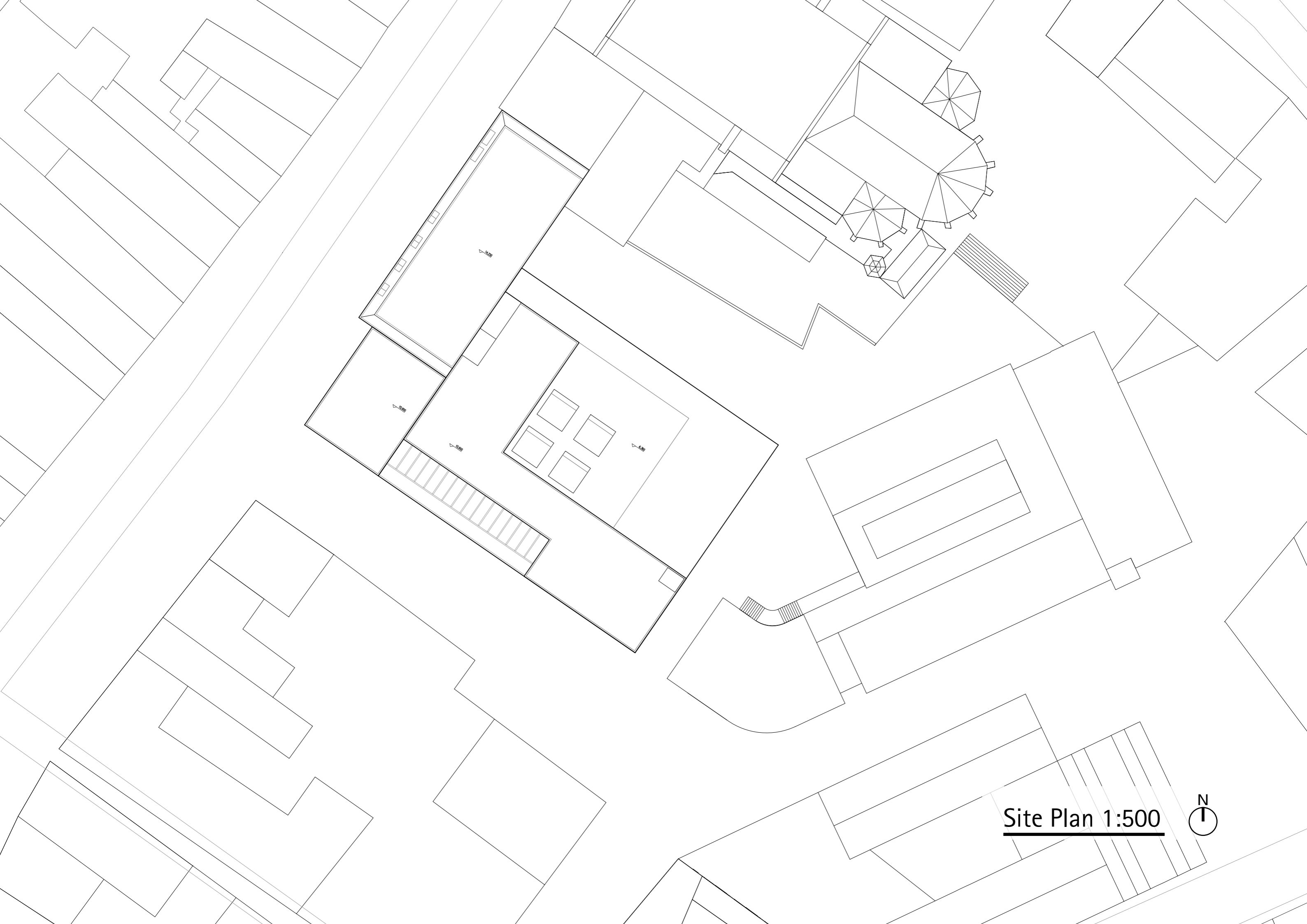




"Commercial Fulfillment Center"

Position	A commercial fulfillment center with physical and virtual space for interaction and brand engagement
Target groups	Small entrepreneurs and start-ups, collaborate with young artists and architects
Activities	Formal commercial activities and informal activities like workshop, exhibition, fashion show, etc.

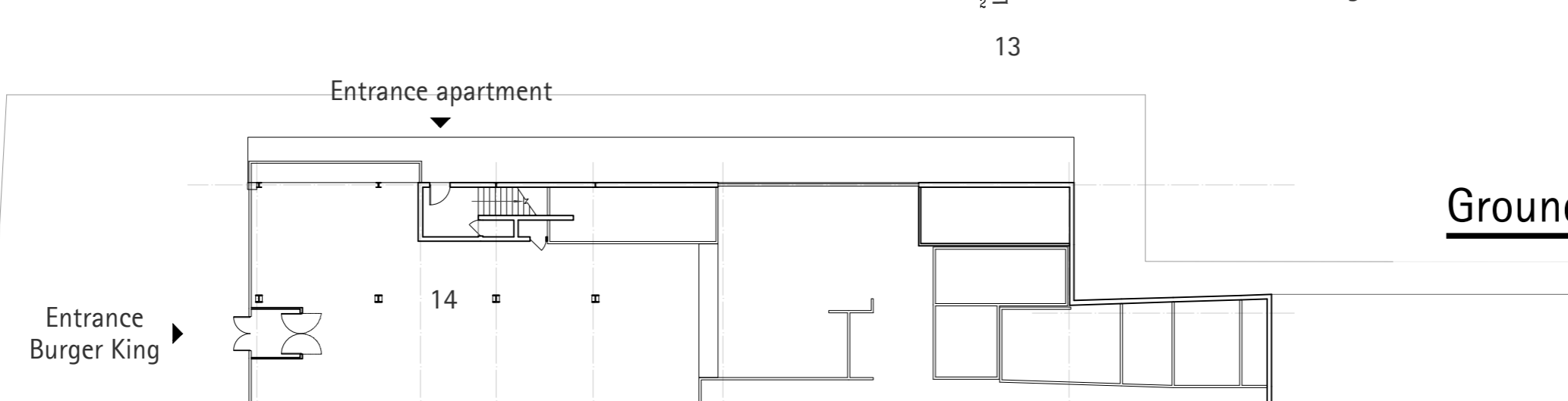
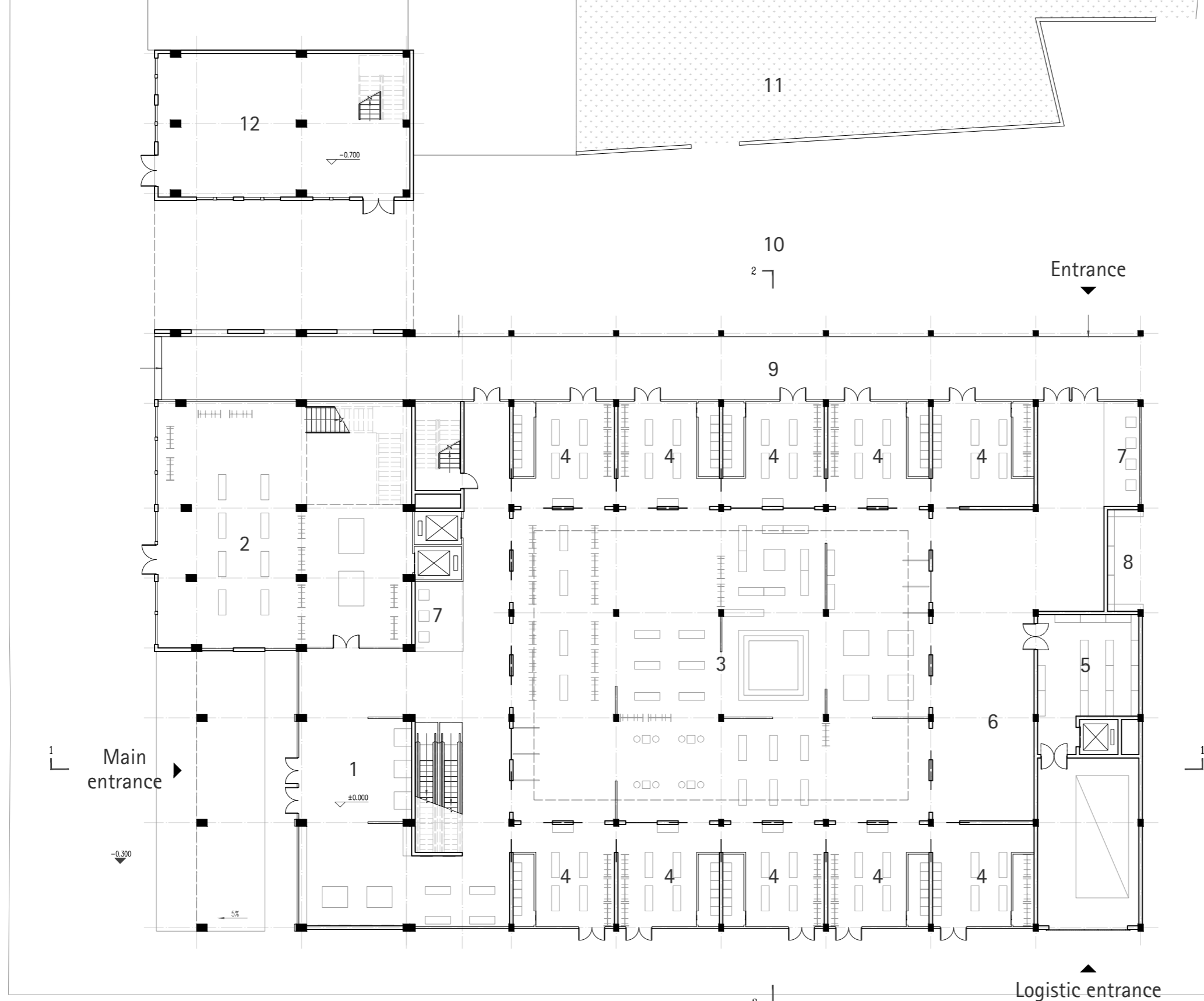





Site Plan 1:500

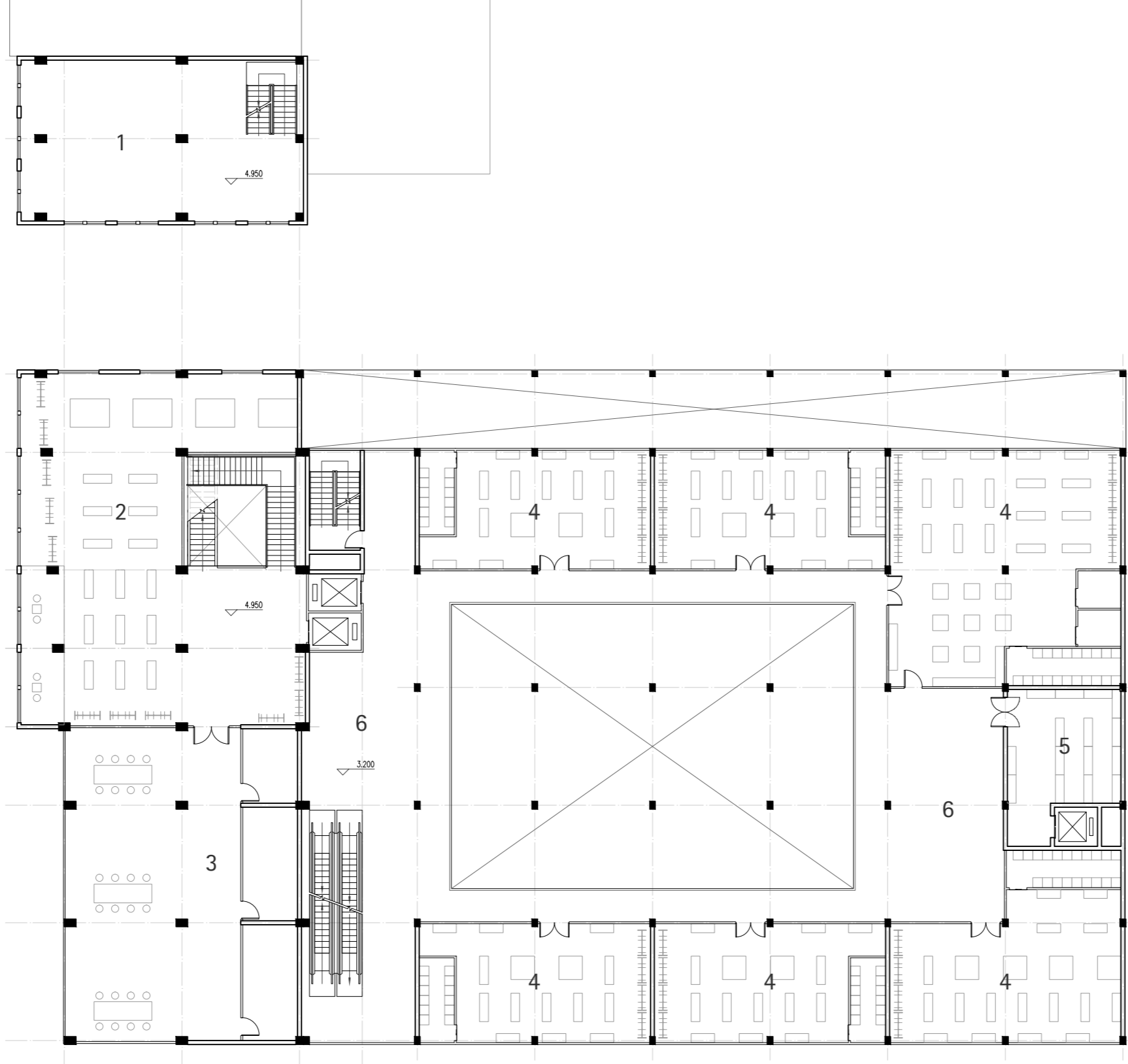


1. Interactive area (reception)
2. Innovative center (retail)
3. Multifunctional center
4. Shop
5. Logistics service
6. Exhibition / leisure
7. Interactive device
8. Parcel locker
9. Arcade
10. Inner ring
11. Church garden (communal)
12. Customer center (info)
13. Outer ring
14. Burger King (renovated)



Ground floor plan 1:300 

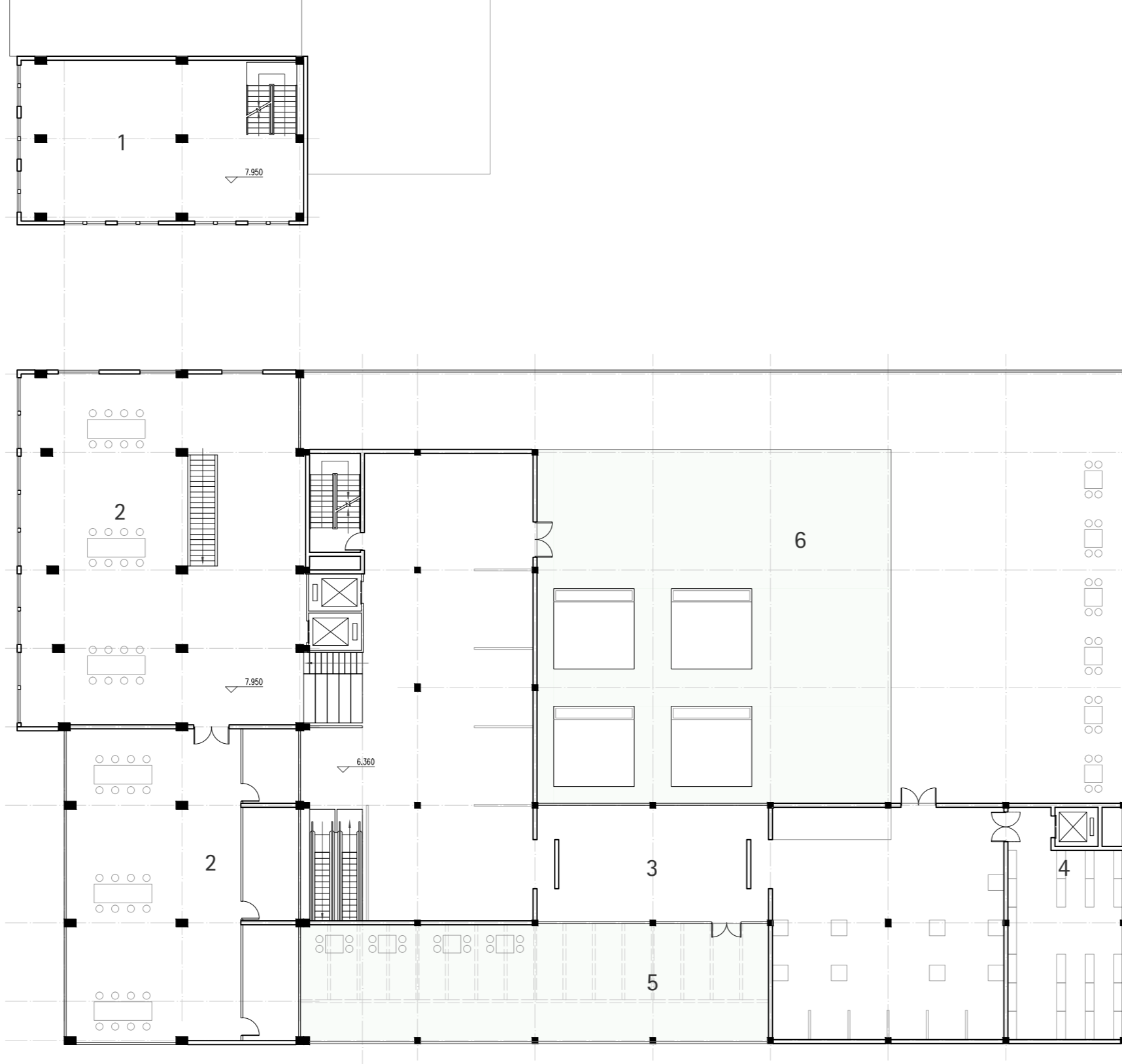
1. Customer center (product service)
2. Innovative center (product experience)
3. M-lab (bespoke workshop)
4. Shop
5. Logistics service
6. Exhibition / leisure



First floor plan 1:300

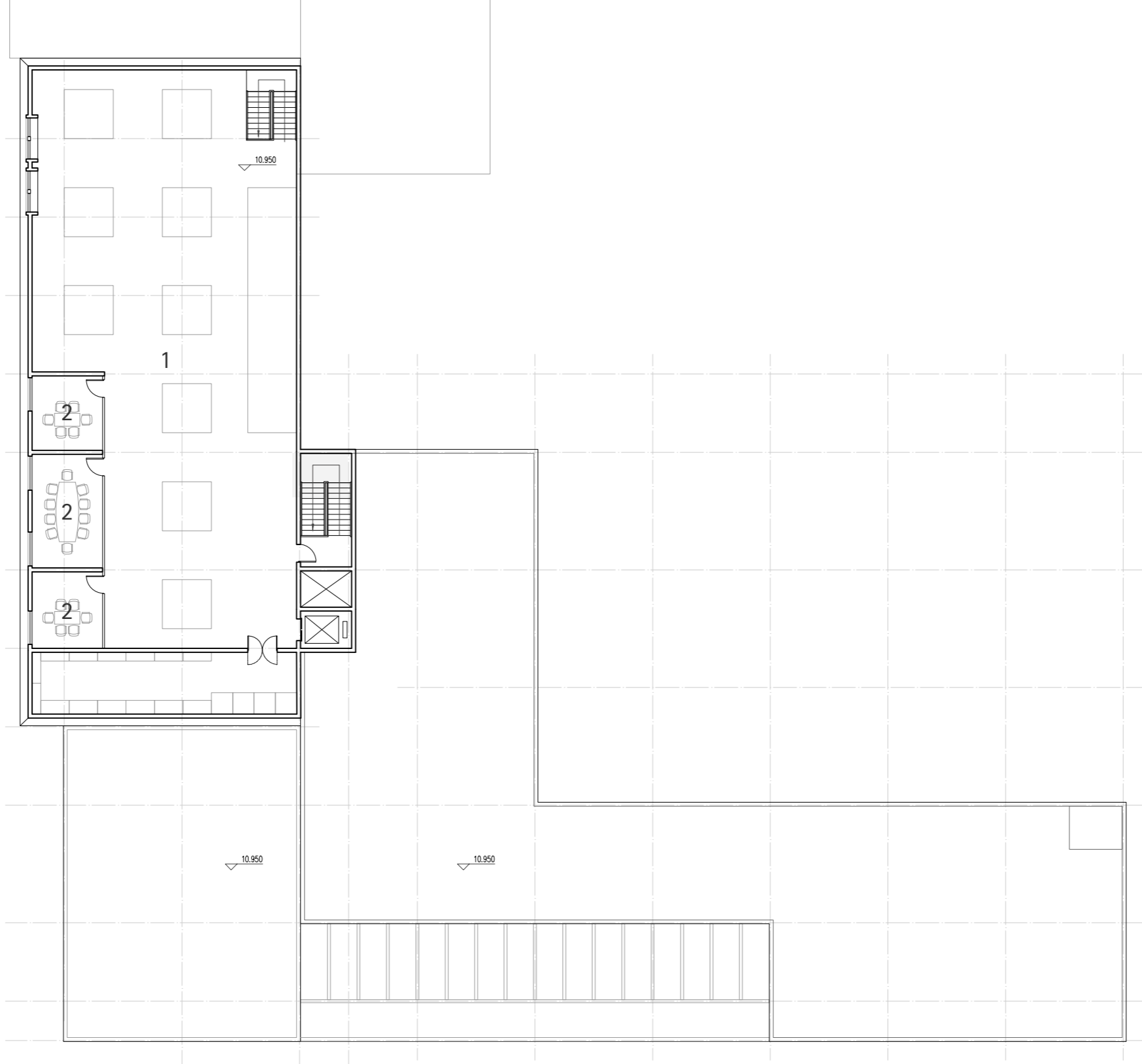


1. Archive
2. Innovative center (product development)
3. Gallery (product exhibition)
4. Logistics service
5. Terrace (cafe)
6. Roof garden (outdoor exhibition / party)



Second floor plan 1:300

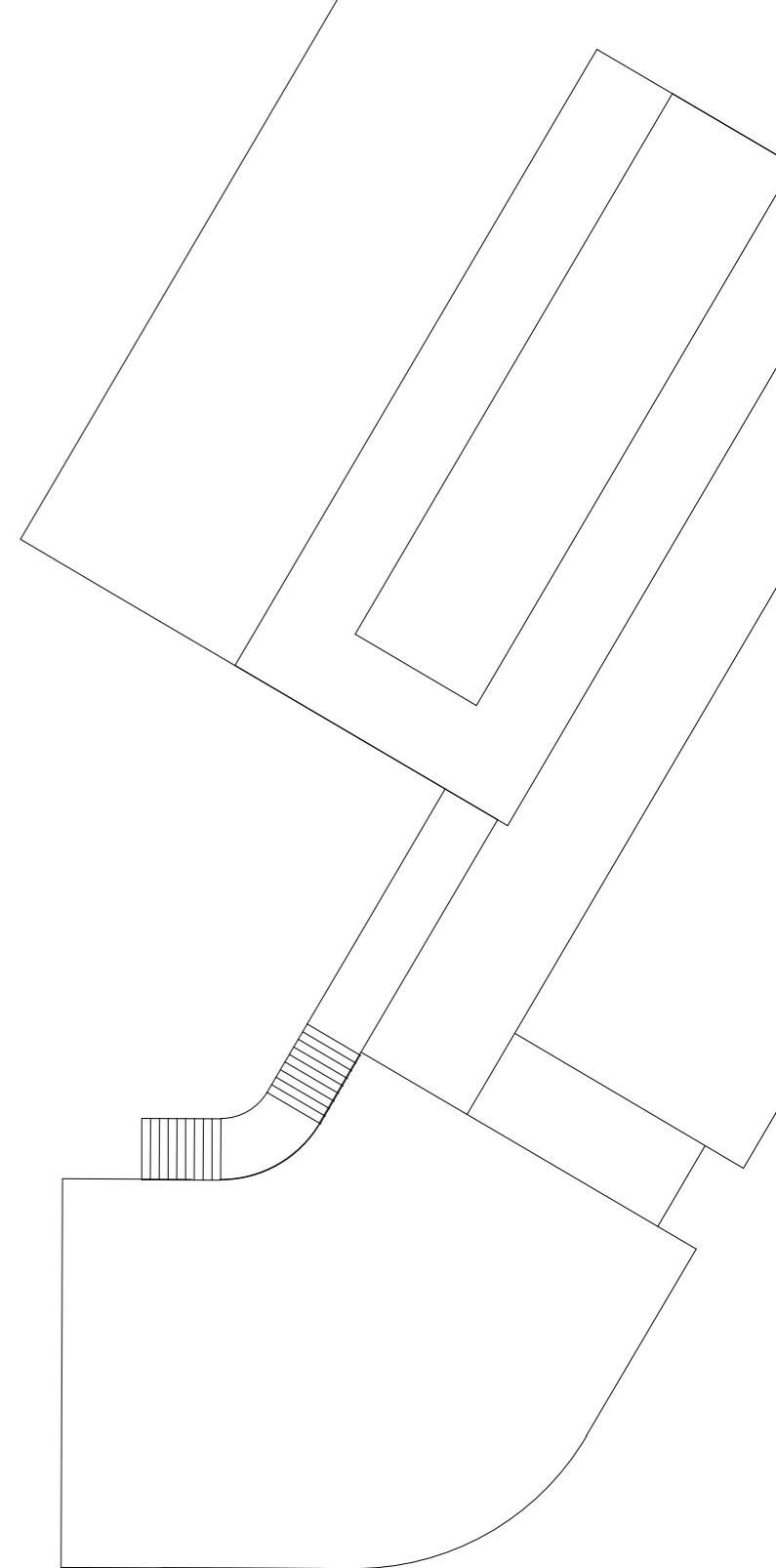




- 1. Immersive experience center
- 2. Meeting rooms
- 3. Logistics service

Third floor plan 1:300

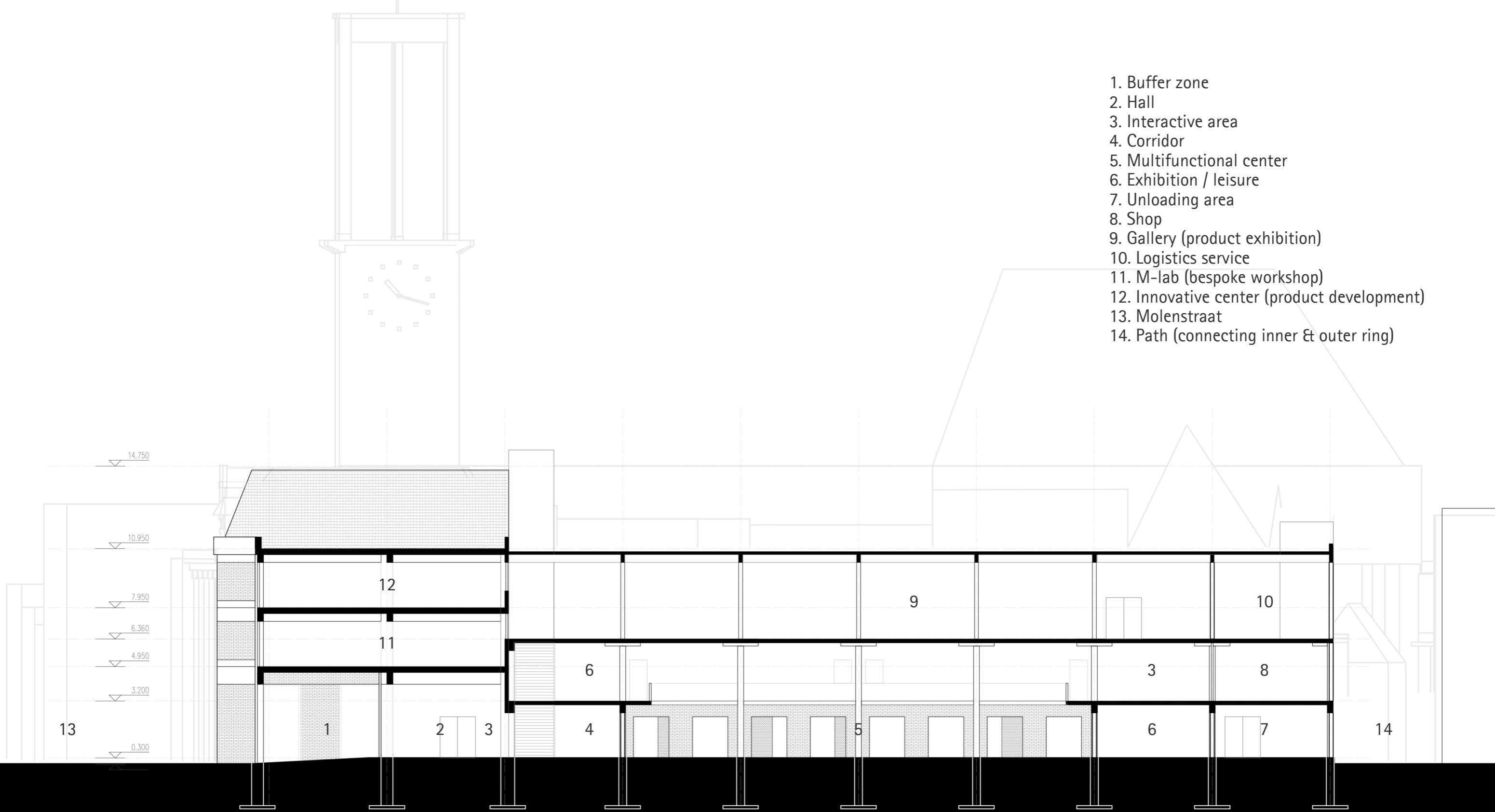




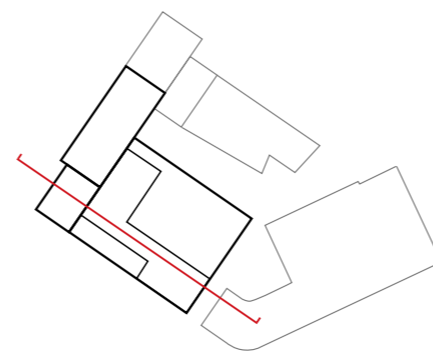
Roof floor plan 1:300



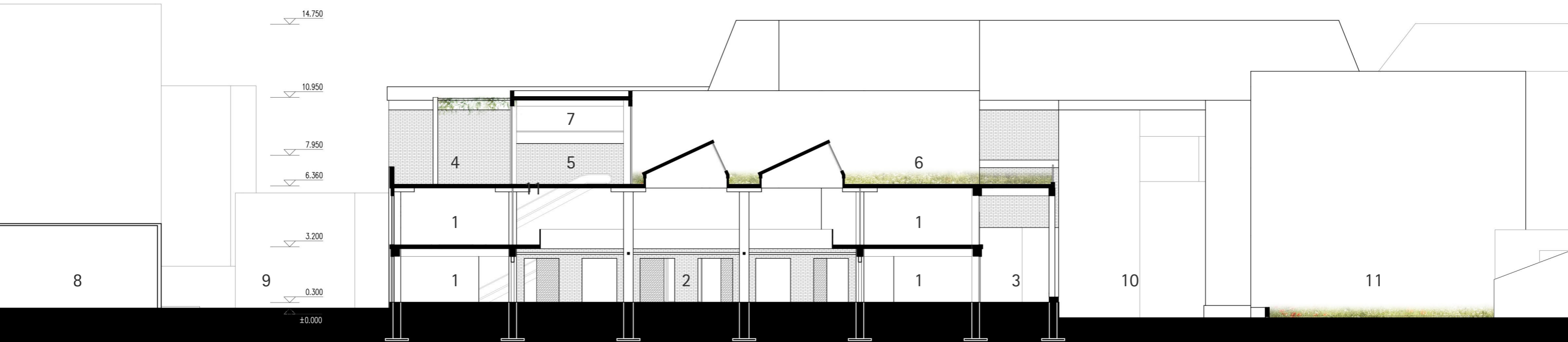
- 1. Buffer zone
- 2. Hall
- 3. Interactive area
- 4. Corridor
- 5. Multifunctional center
- 6. Exhibition / leisure
- 7. Unloading area
- 8. Shop
- 9. Gallery (product exhibition)
- 10. Logistics service
- 11. M-lab (bespoke workshop)
- 12. Innovative center (product development)
- 13. Molenstraat
- 14. Path (connecting inner & outer ring)



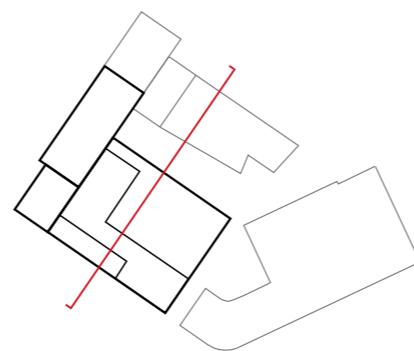
Section 1-1 1:200



- 1. Shop
- 2. Multifunctional center
- 3. Arcade
- 4. Roof garden (for gallery)
- 5. Gallery (product exhibition)
- 6. Roof garden
- 7. Innovative center
- 8. Burger King (renovated)
- 9. Inner ring
- 10. Outer ring
- 11. Church garden

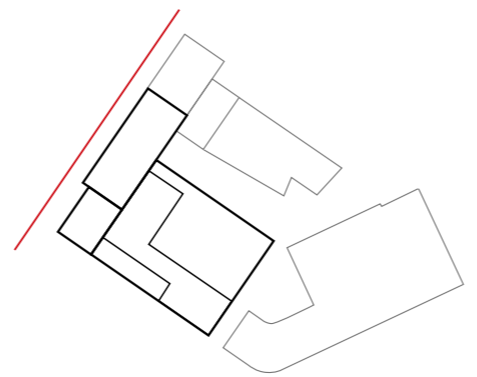


Section 2-2 1:200



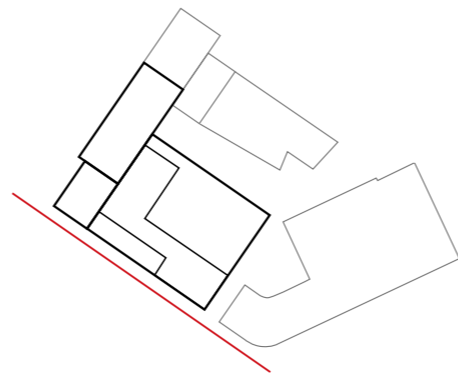


Northwest Elevation





Southwest Elevation



The inner ring



The outer ring



Workshop



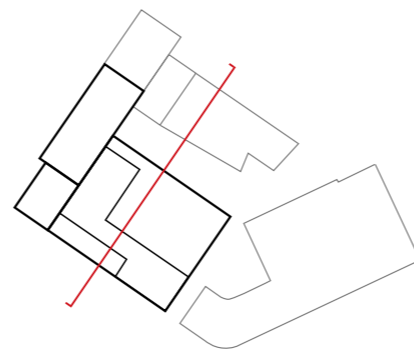
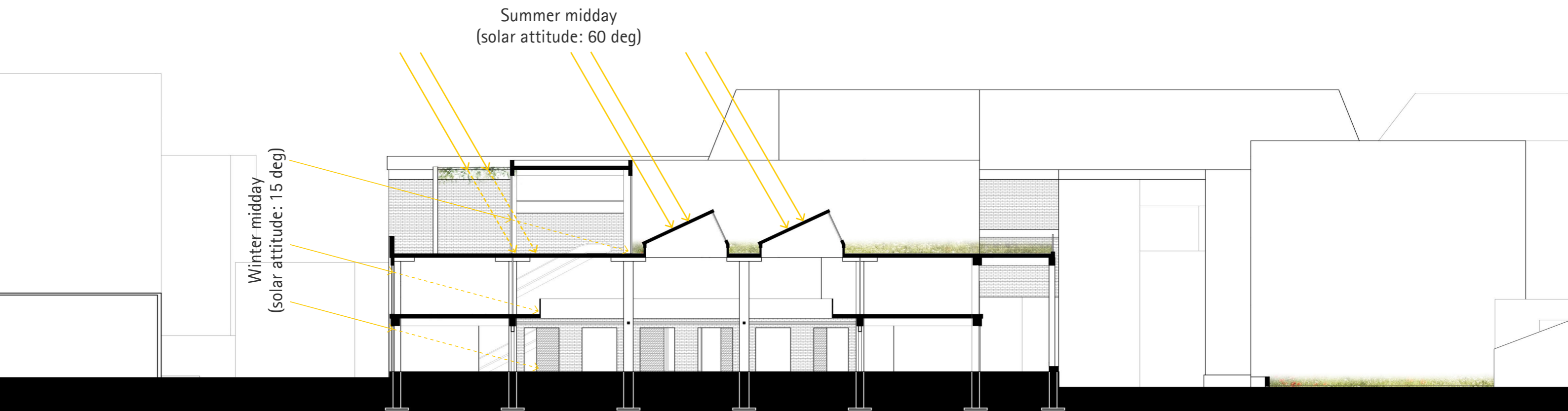
Shop



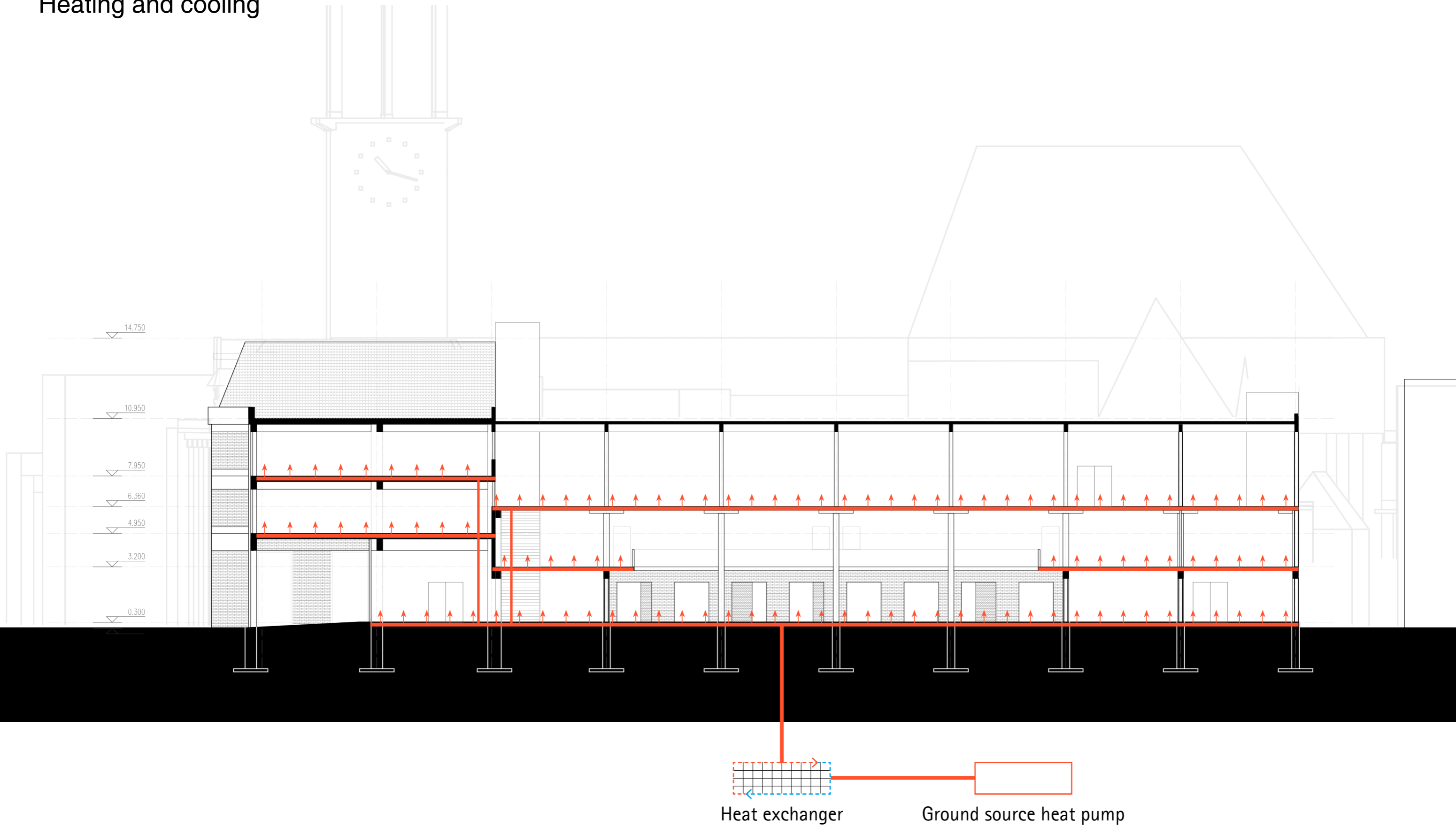
Fashion Show



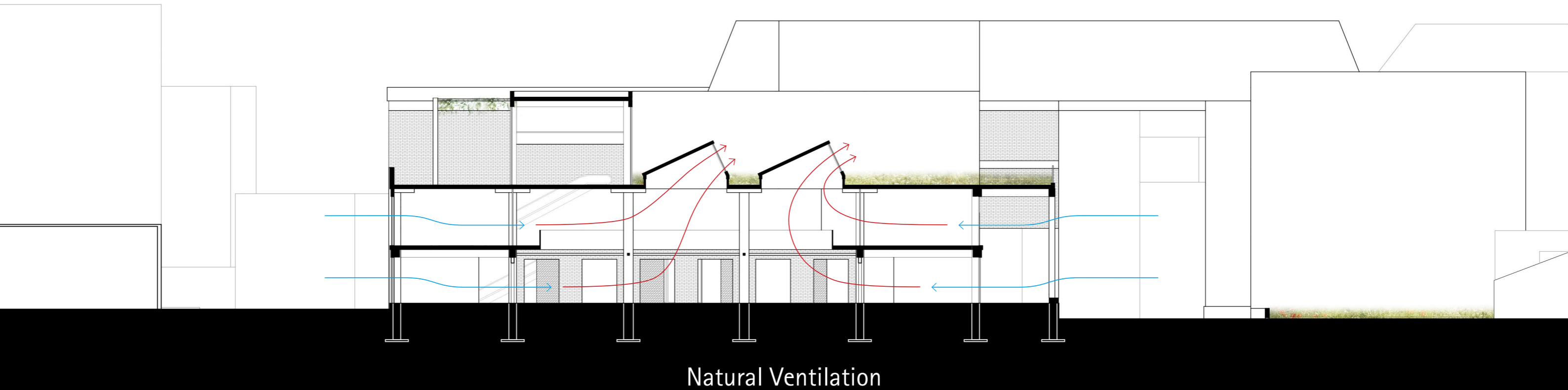
Daylight Analysis



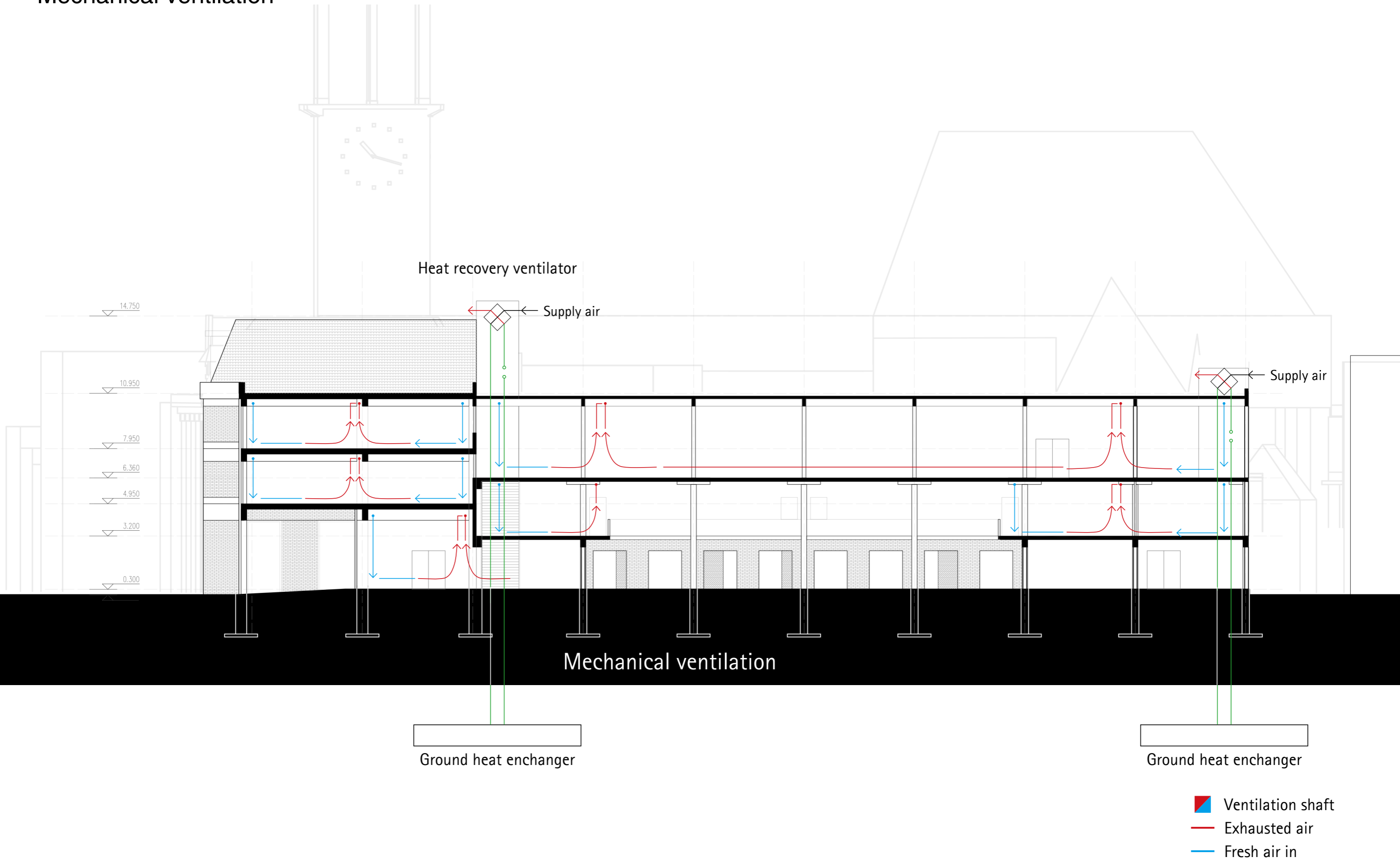
Heating and cooling



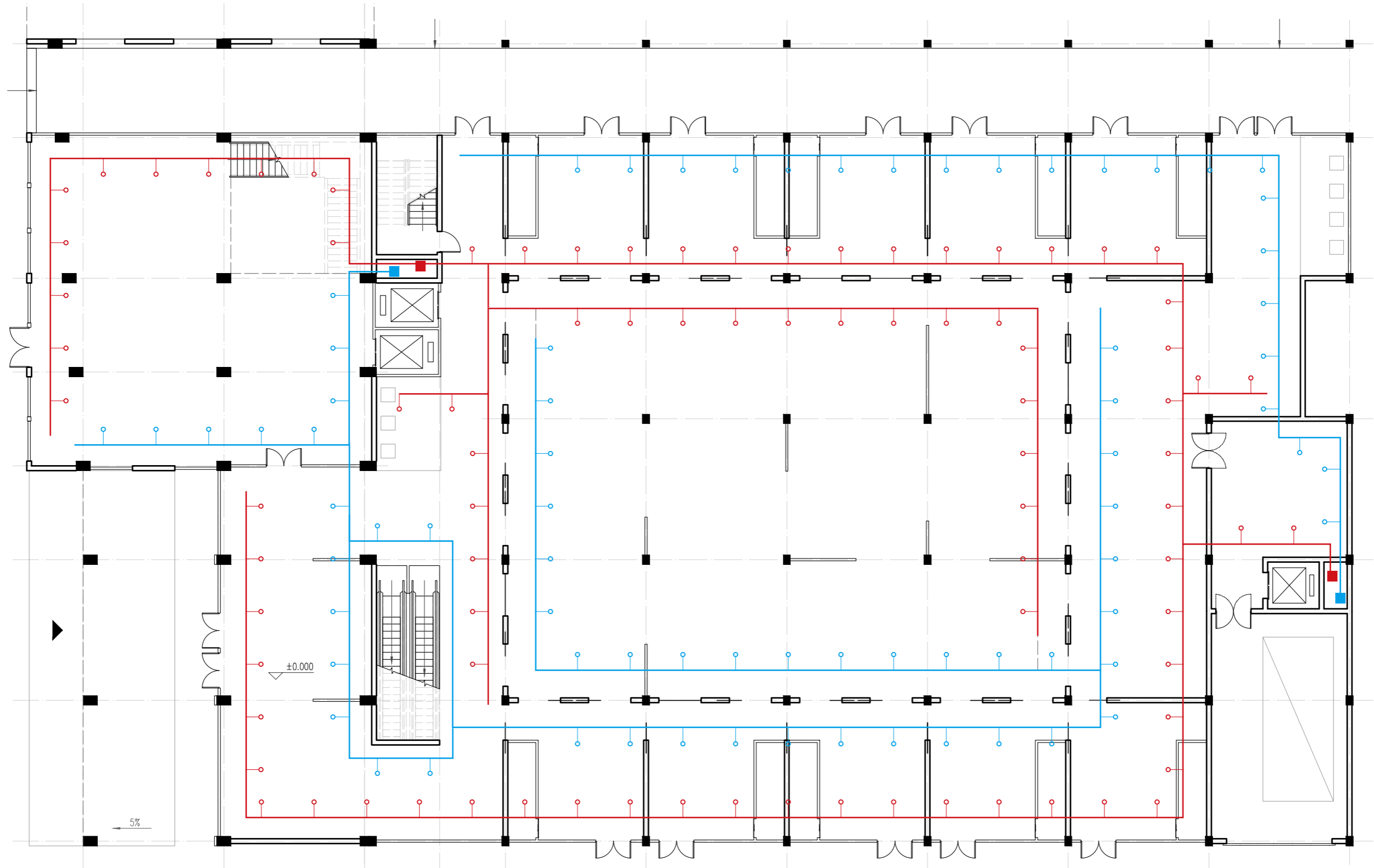
Natural ventilation






Mechanical ventilation



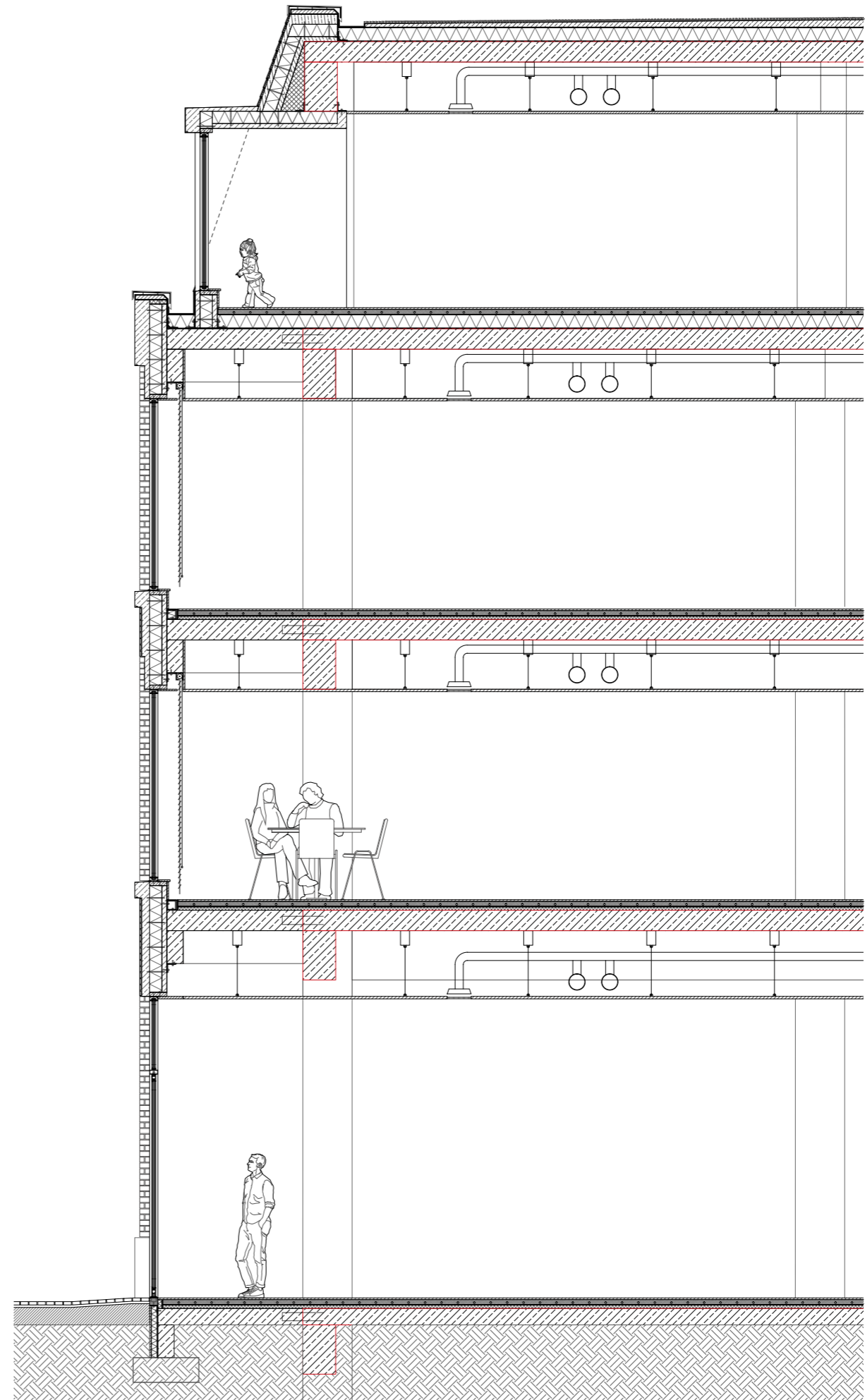
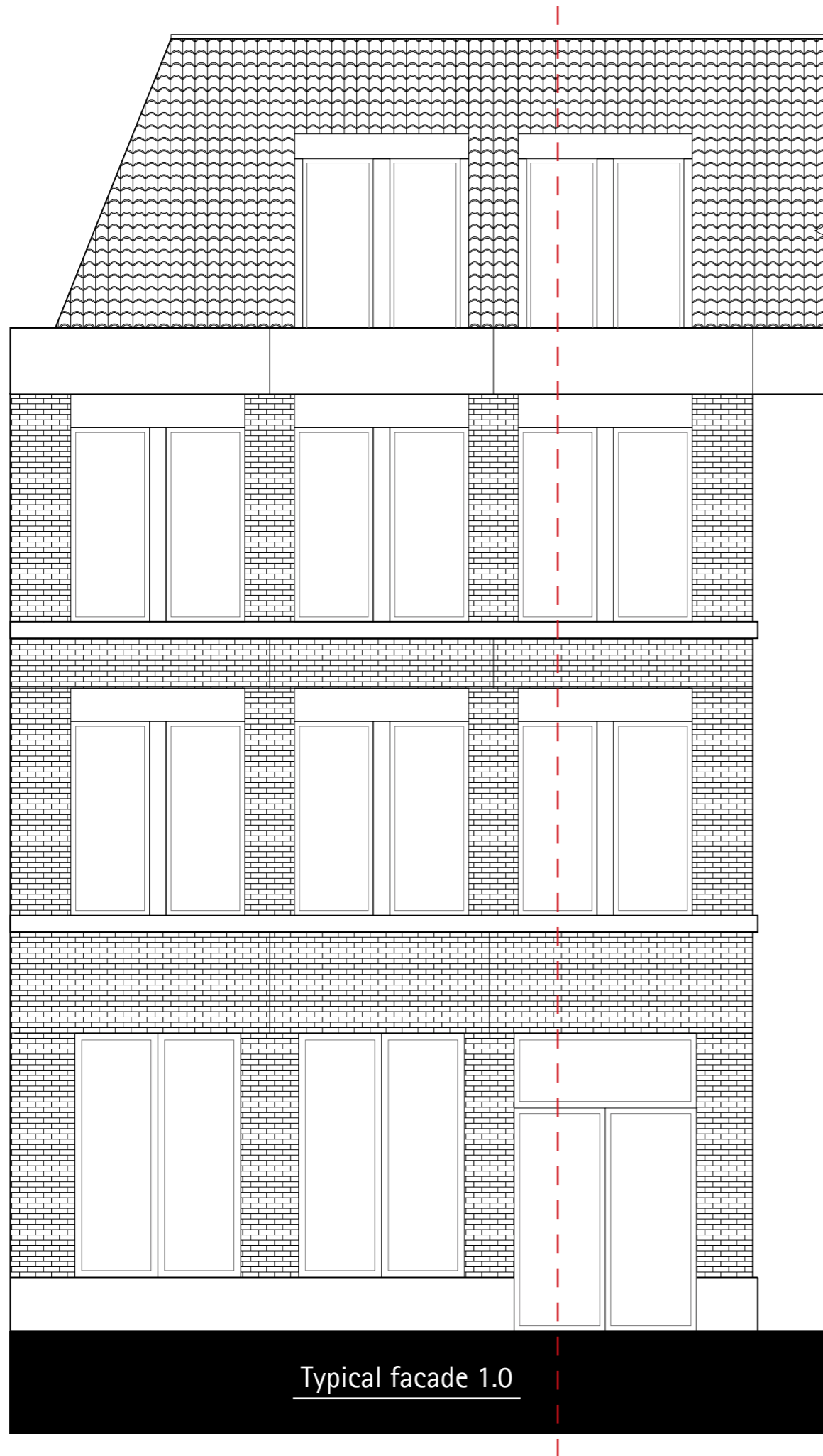
Mechanical ventilation

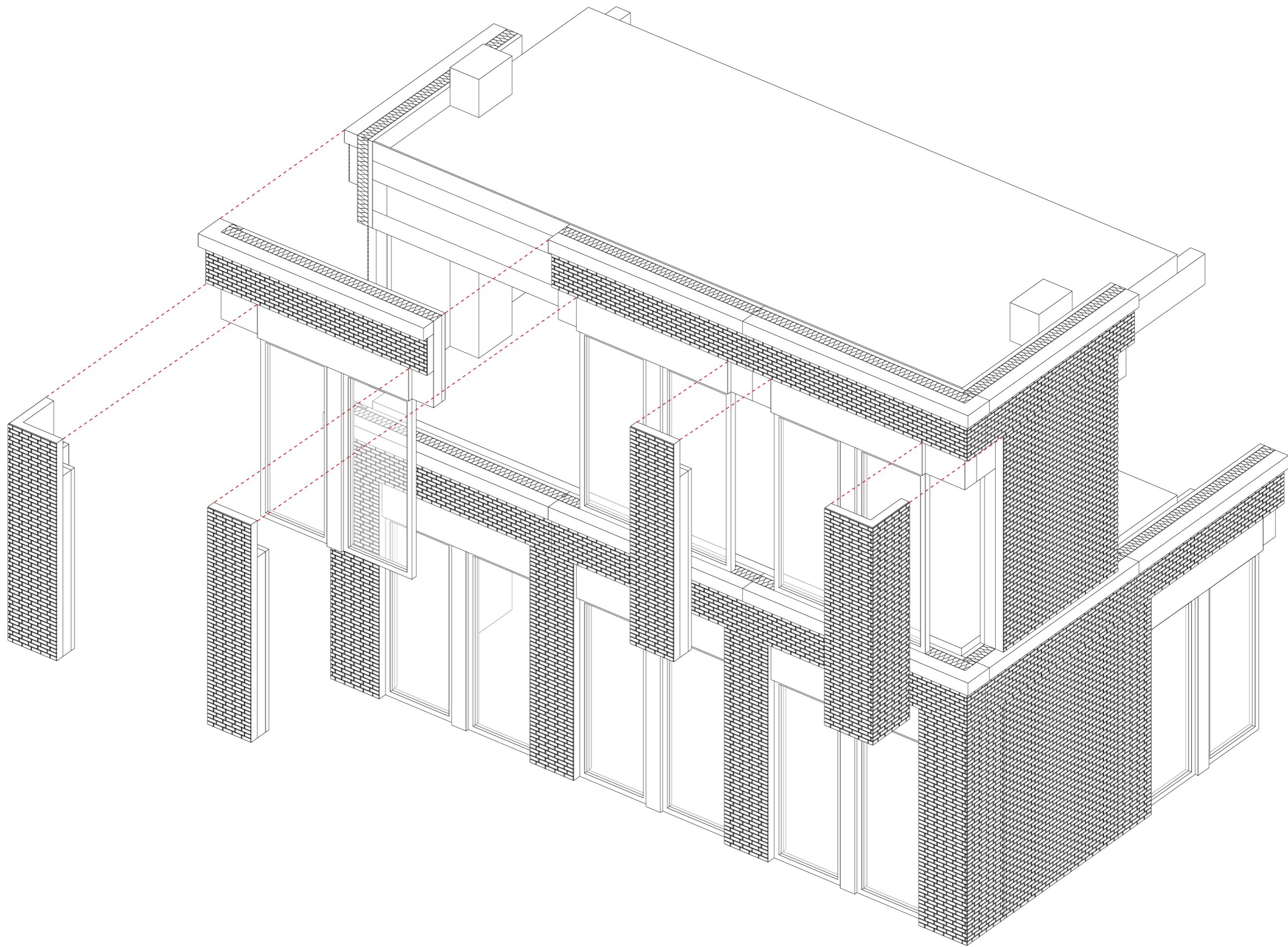


-  Ventilation shaft
-  Exhausted air
-  Fresh air in



Typical facade 1.0



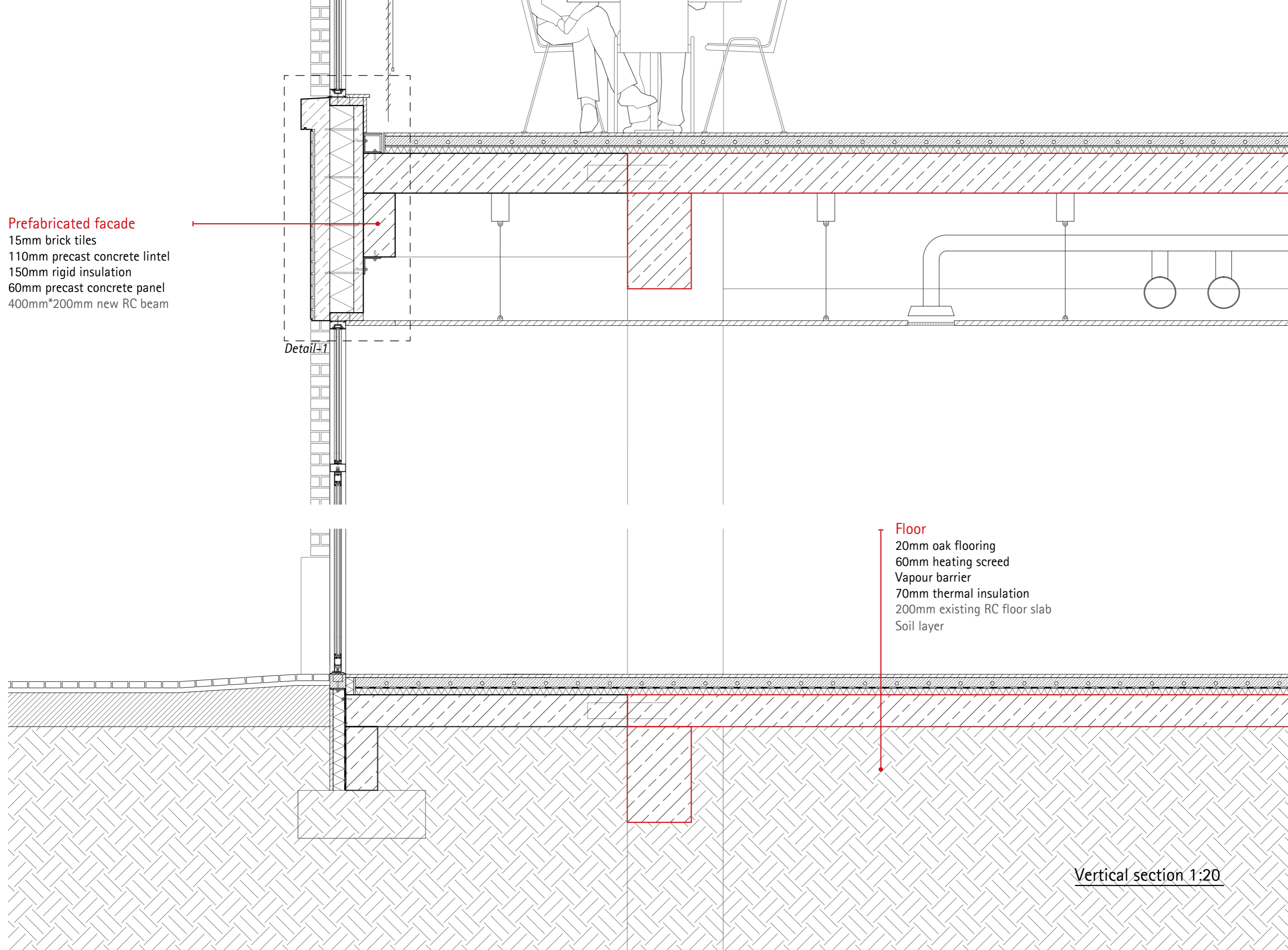


Prefabricated facade
15mm brick tiles
110mm precast concrete lintel
150mm rigid insulation
60mm precast concrete panel
400mm*200mm new RC beam

Detail-1

Floor
20mm oak flooring
60mm heating screed
Vapour barrier
70mm thermal insulation
200mm existing RC floor slab
Soil layer

Vertical section 1:20



Prefabricated roof (upper part, type1)

- Roof tiles
- Roof tile batten
- 110mm precast concrete
- 150mm rigid insulation
- 60mm precast concrete panel
- 250mm existing RC floor slab

Prefabricated dormer

- 180mm precast concrete cornice
- 150mm rigid insulation
- 60mm precast concrete panel

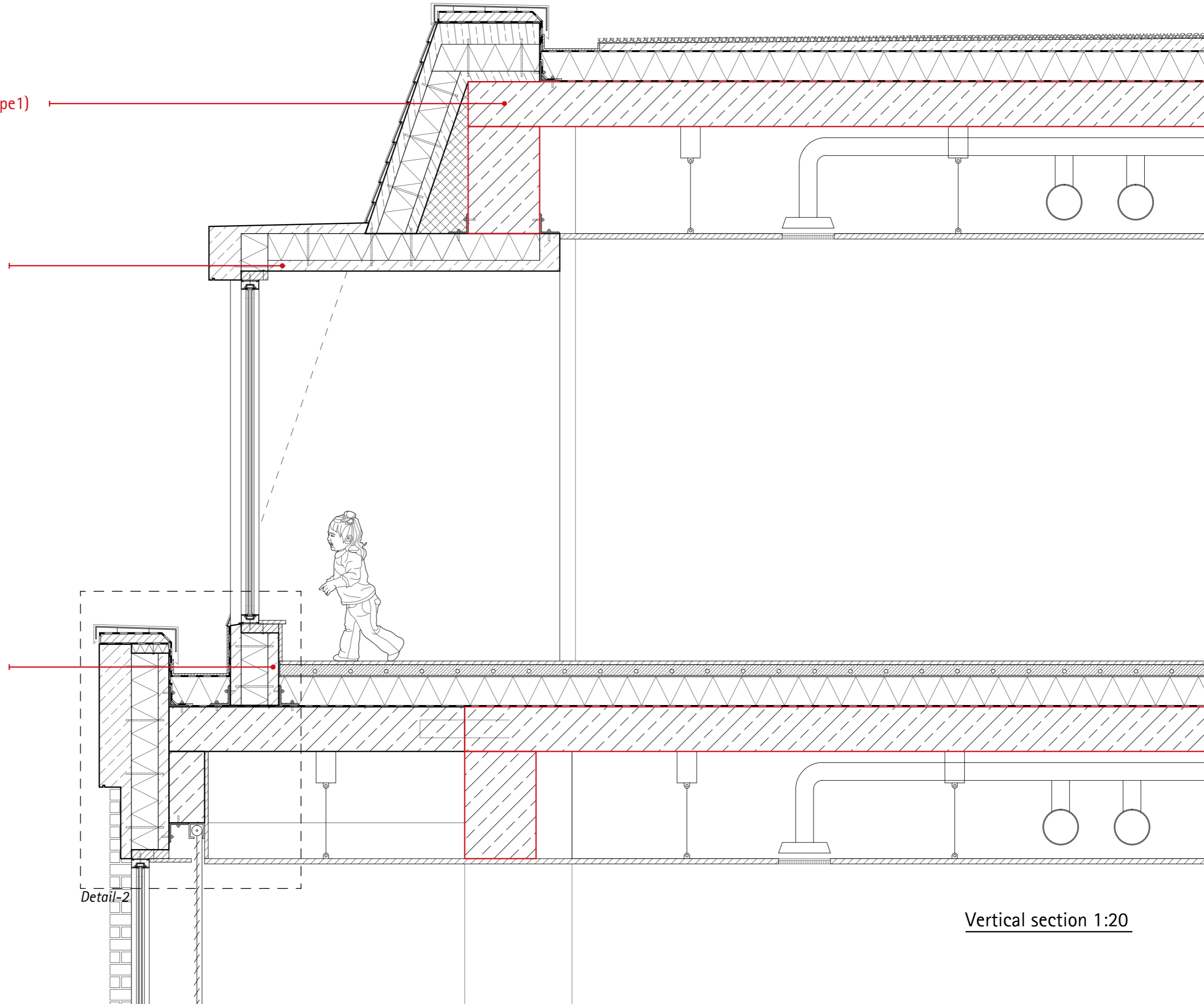
Prefabricated facade (top)

- 180mm precast concrete cornice
- 150mm rigid insulation
- 60mm precast concrete panel

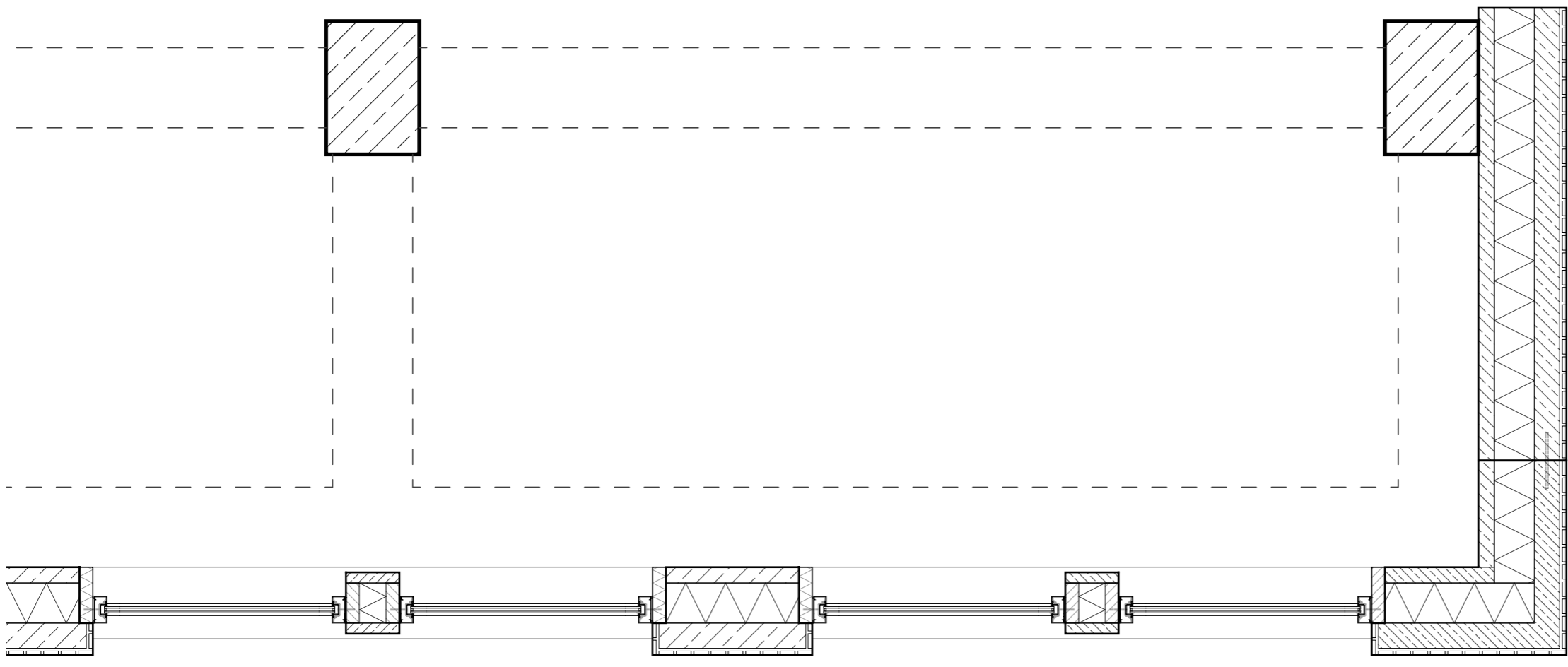
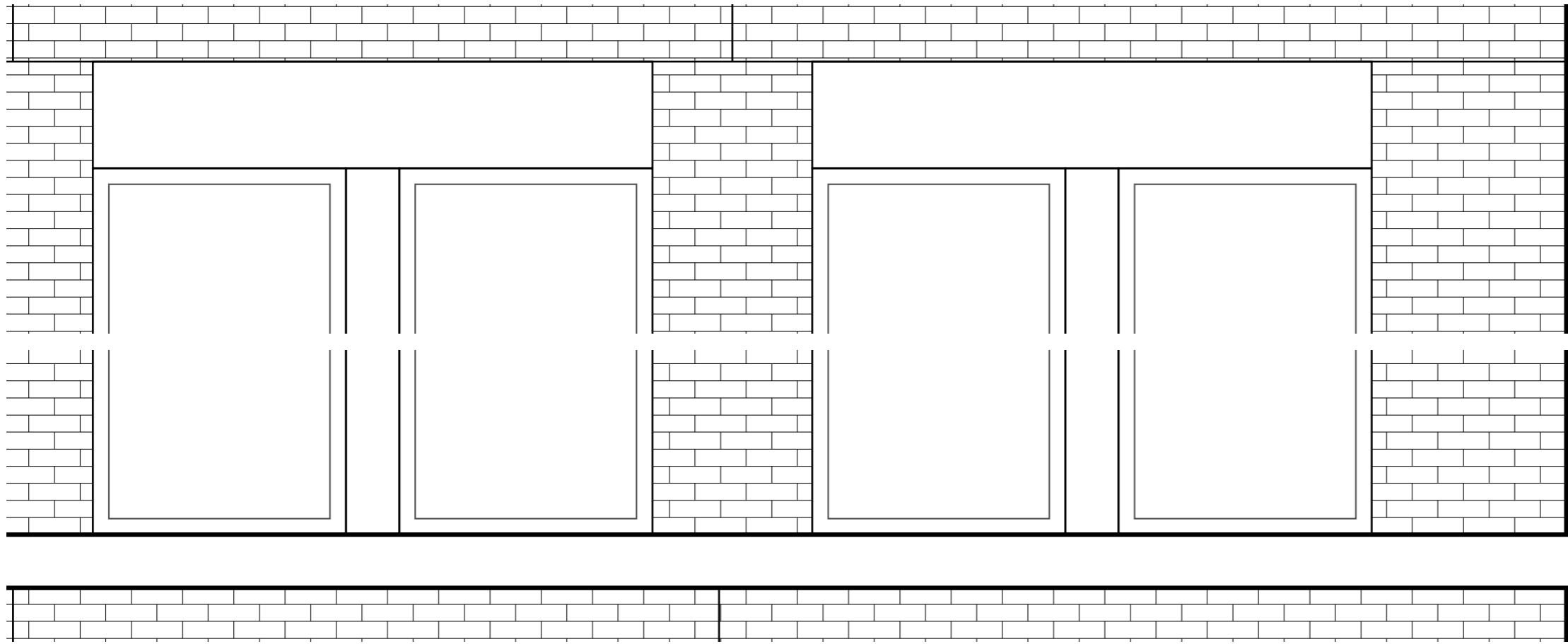
- Waterproof layer
- Gutter
- Waterproof layer

Prefabricated roof (lower part)

- 60mm precast concrete panel
- 150mm rigid insulation
- 60mm precast concrete panel



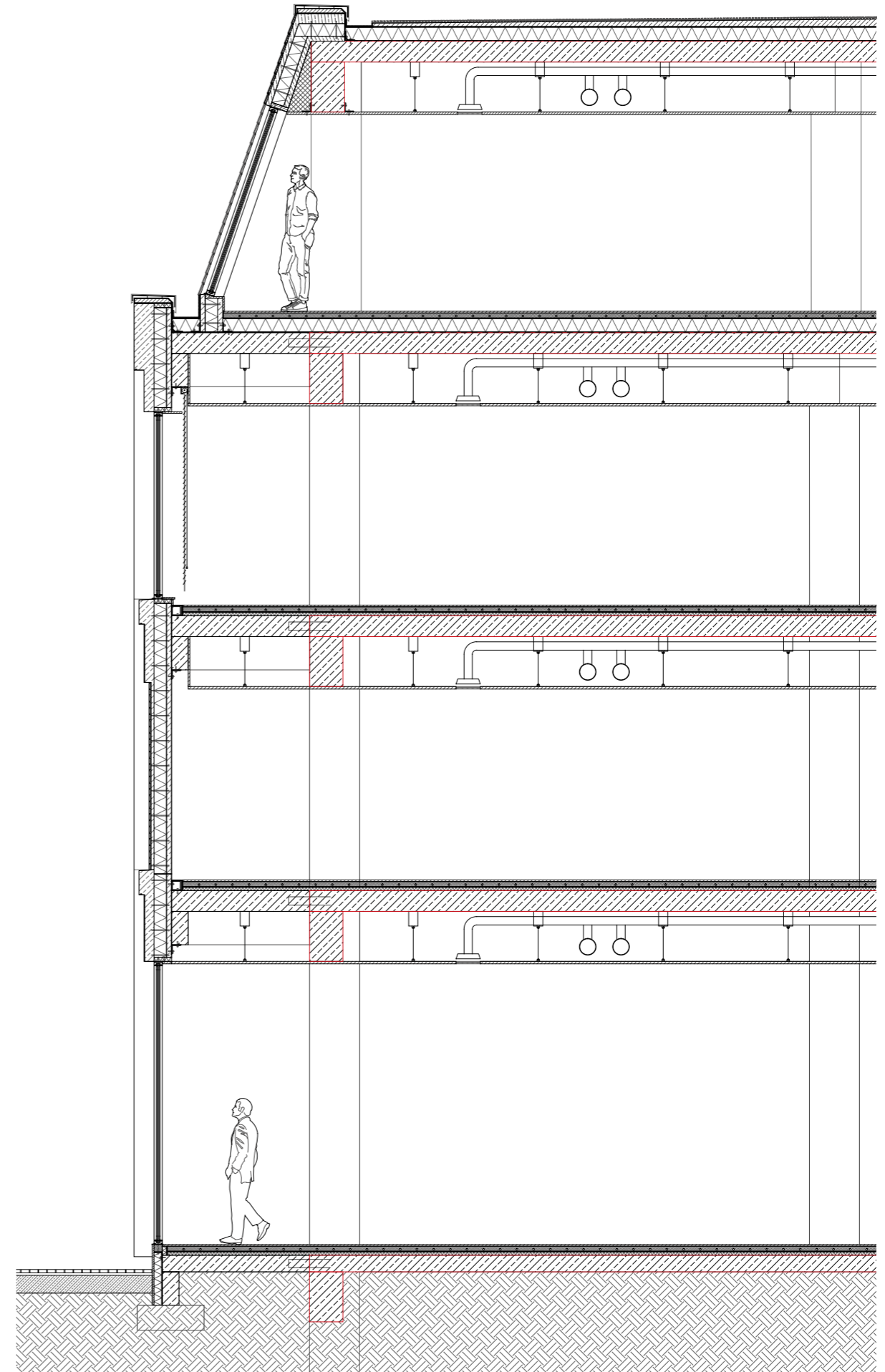
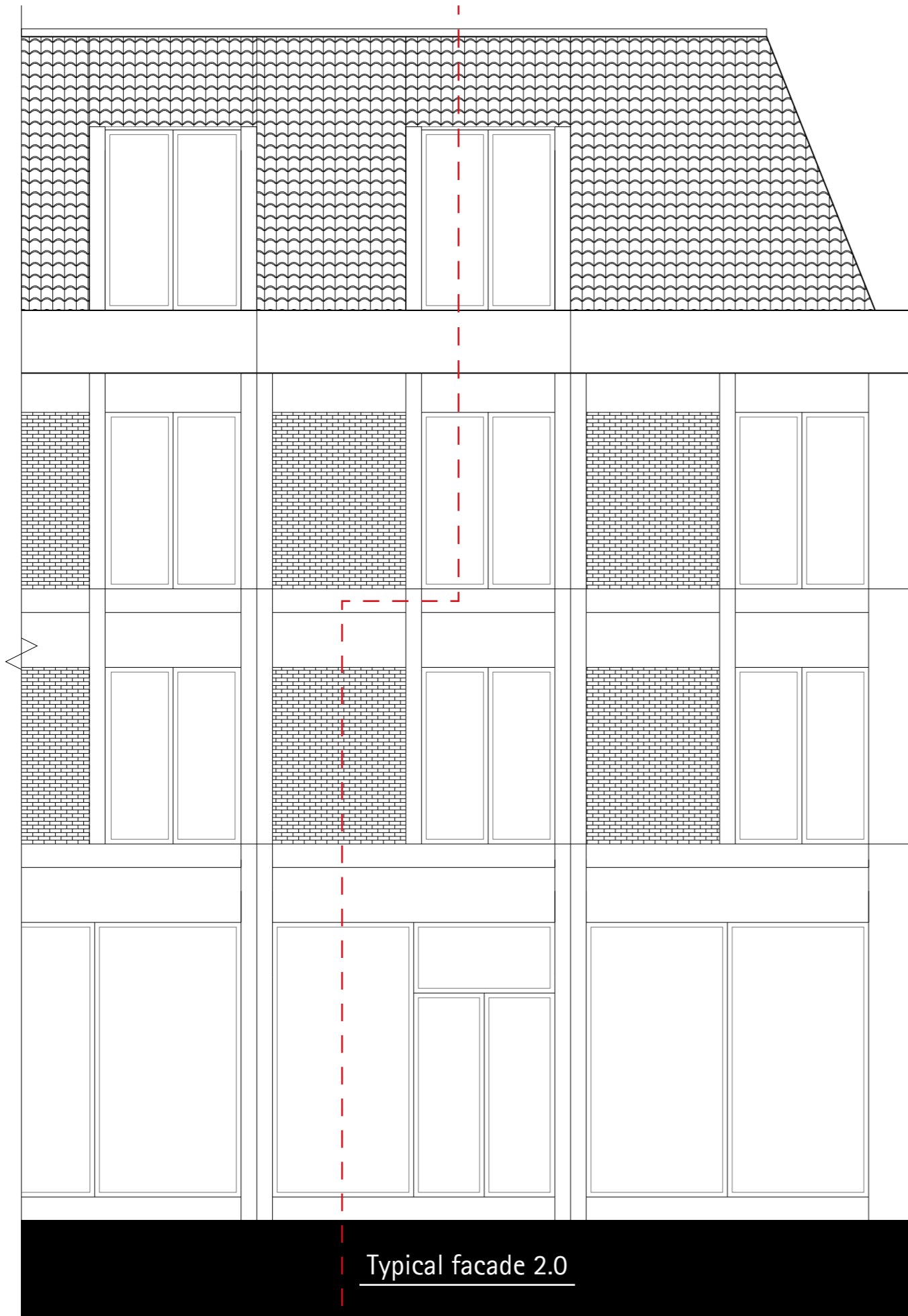
Vertical section 1:20

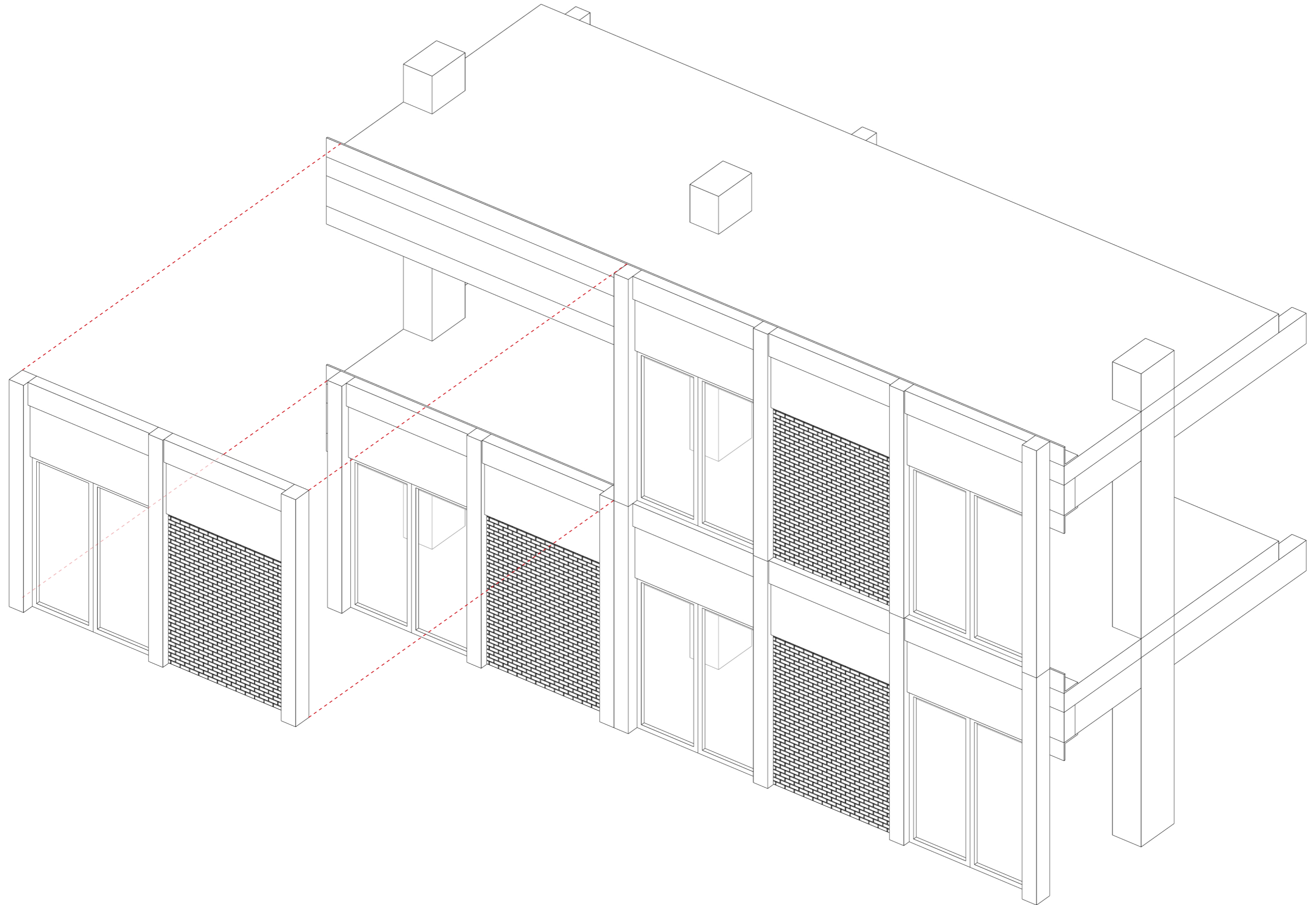


Horizontal section 1:20



Typical facade 2.0



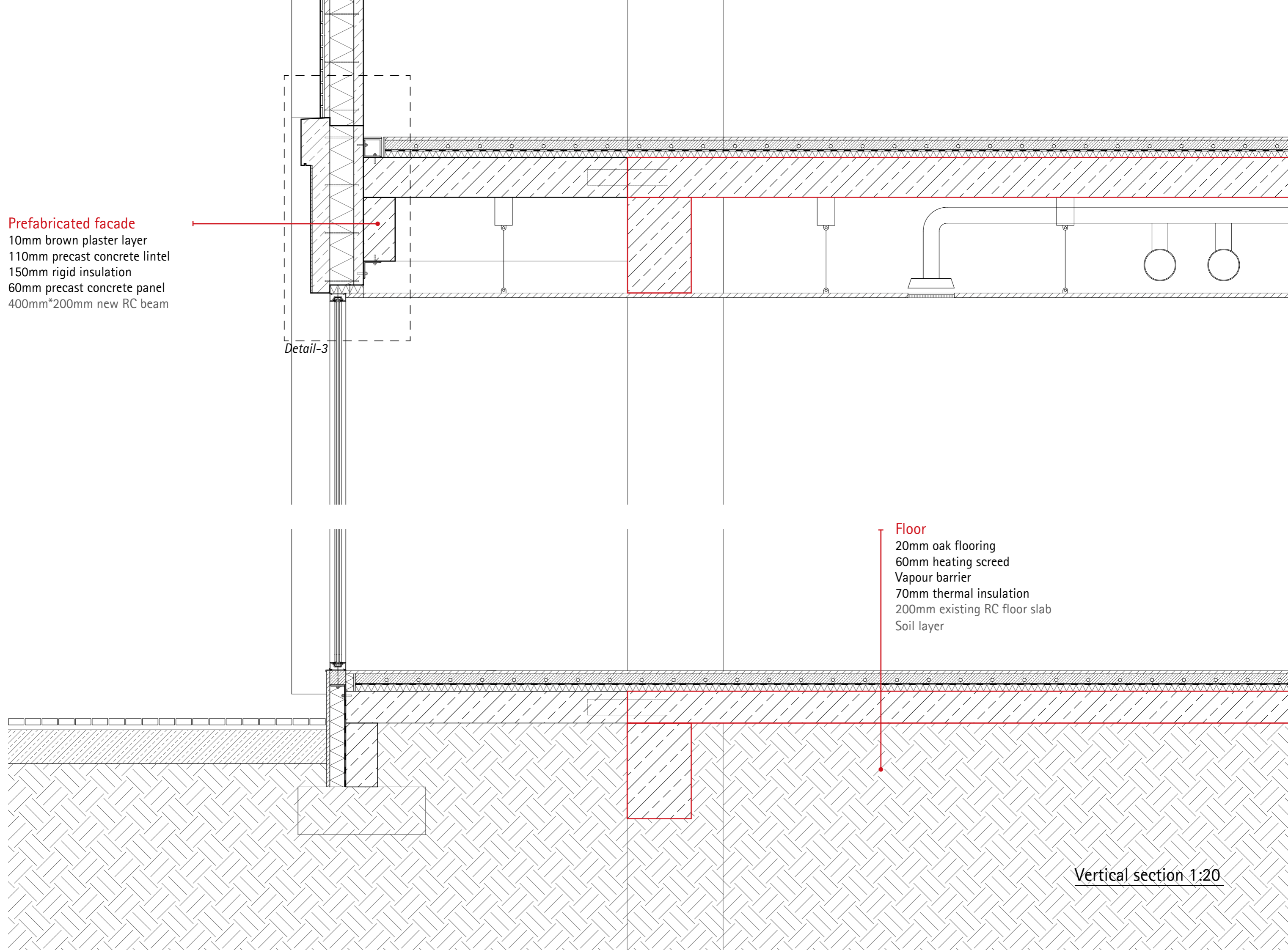


Prefabricated facade
10mm brown plaster layer
110mm precast concrete lintel
150mm rigid insulation
60mm precast concrete panel
400mm*200mm new RC beam

Detail-3

Floor
20mm oak flooring
60mm heating screed
Vapour barrier
70mm thermal insulation
200mm existing RC floor slab
Soil layer

Vertical section 1:20



Prefabricated roof (upper part, type3)

- Roof tiles
- Roof tile batten
- 110mm precast concrete
- 150mm rigid insulation
- 60mm precast concrete panel
- 250mm existing RC floor slab

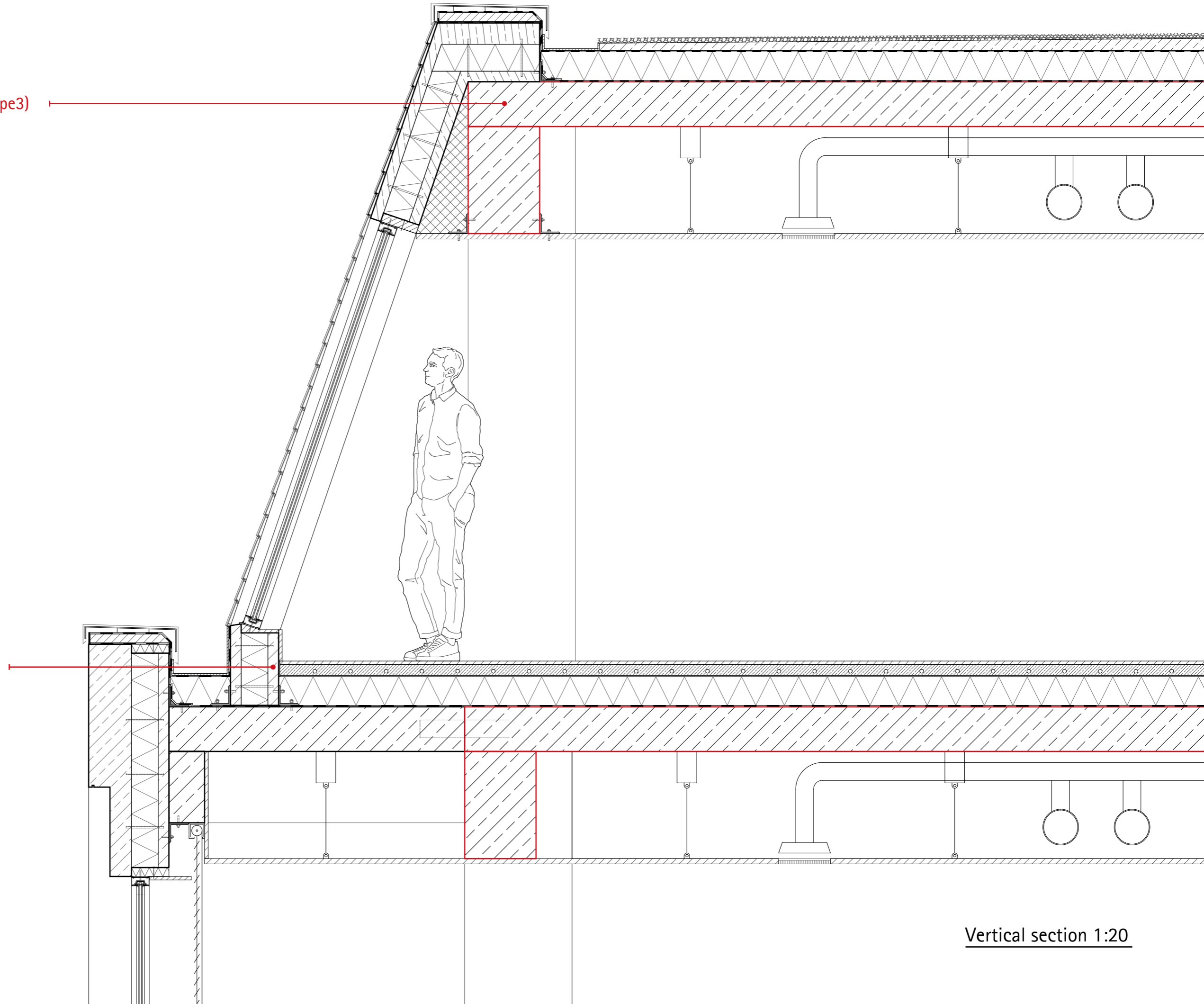
Prefabricated facade (top)

- 180mm precast concrete cornice
- 150mm rigid insulation
- 60mm precast concrete panel

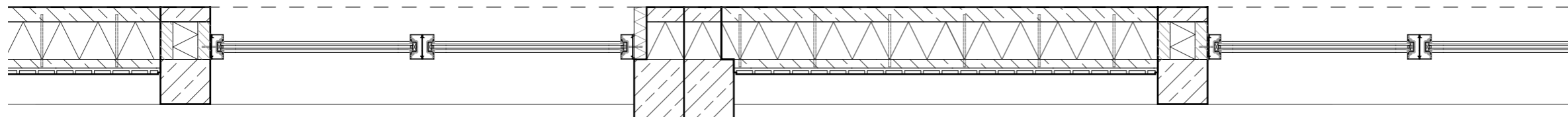
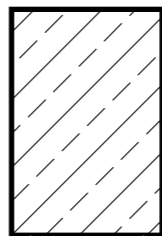
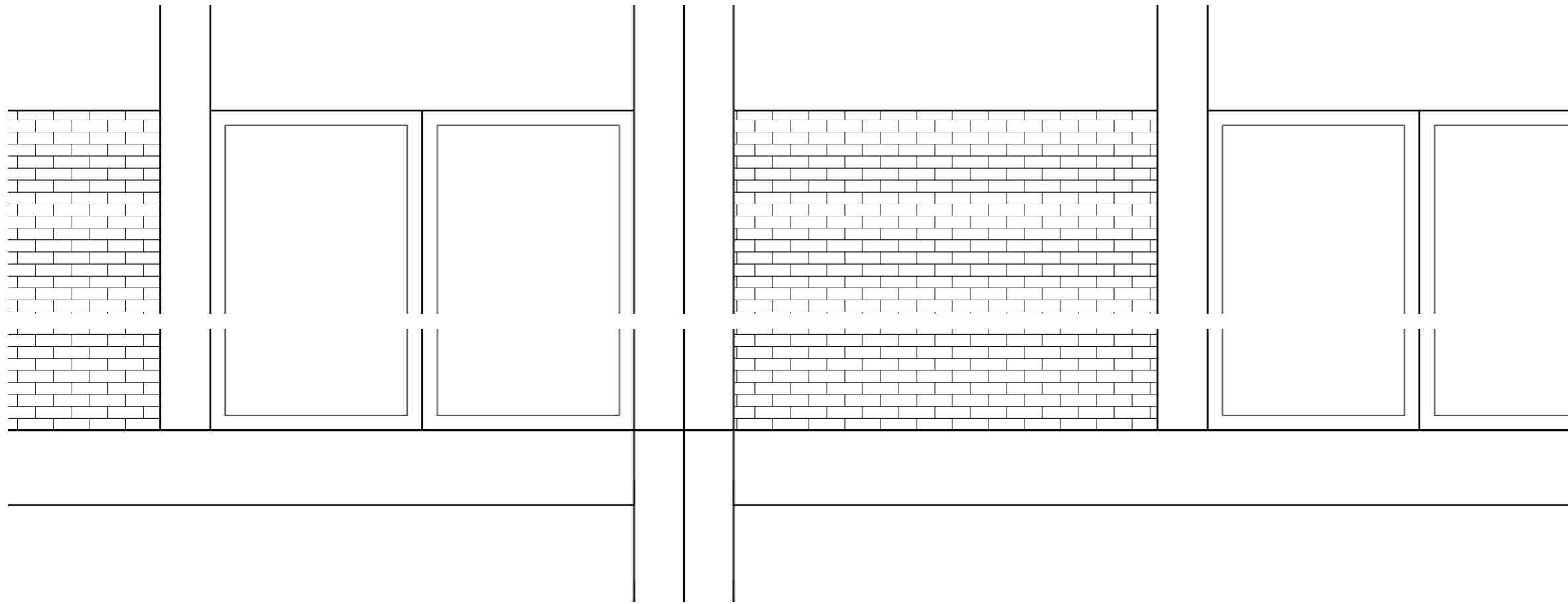
- Waterproof layer
- Gutter
- Waterproof layer

Prefabricated roof (lower part)

- 60mm precast concrete panel
- 150mm rigid insulation
- 60mm precast concrete panel



Vertical section 1:20



Horizontal section 1:20