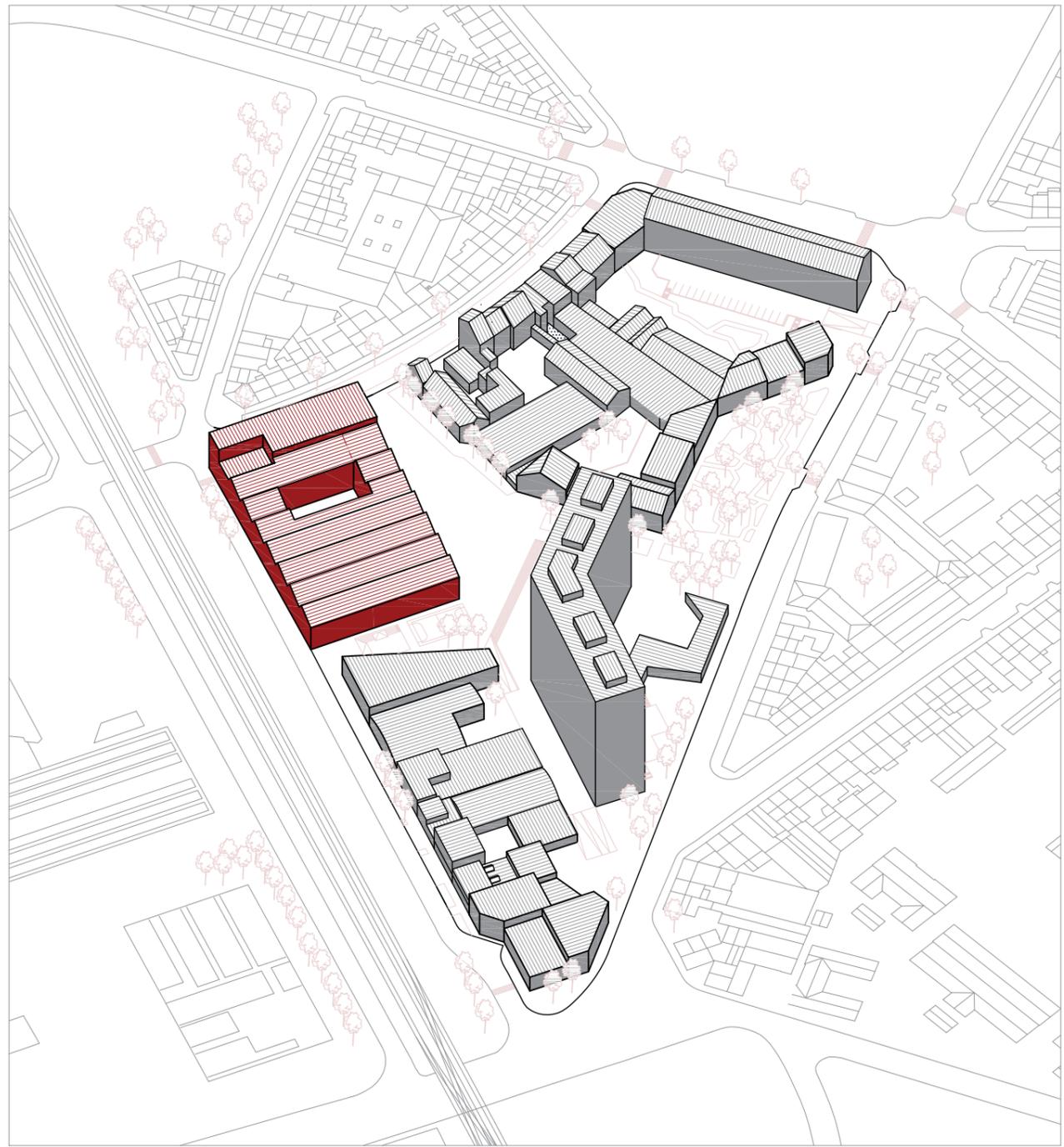
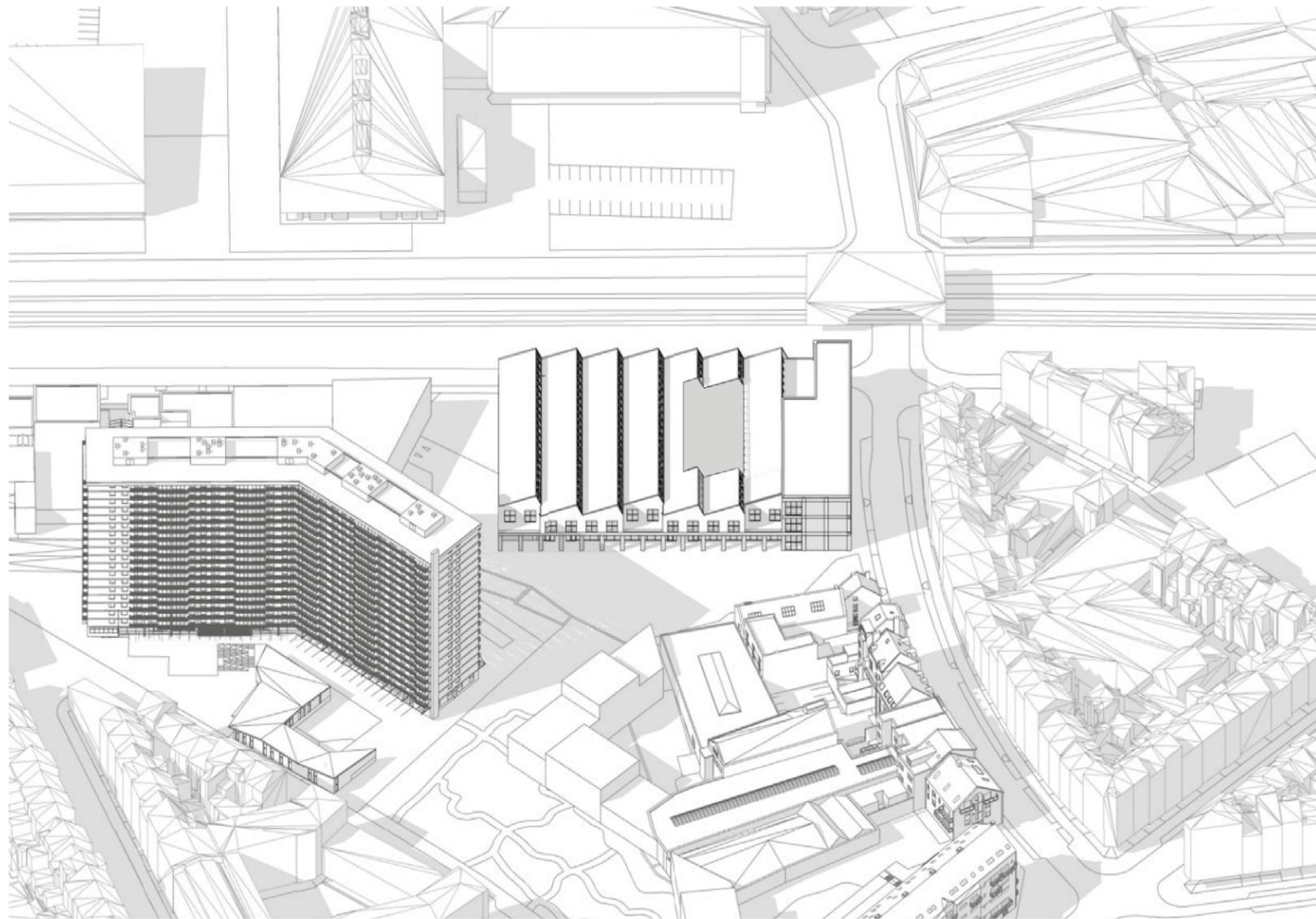


Situation plan 1:6000

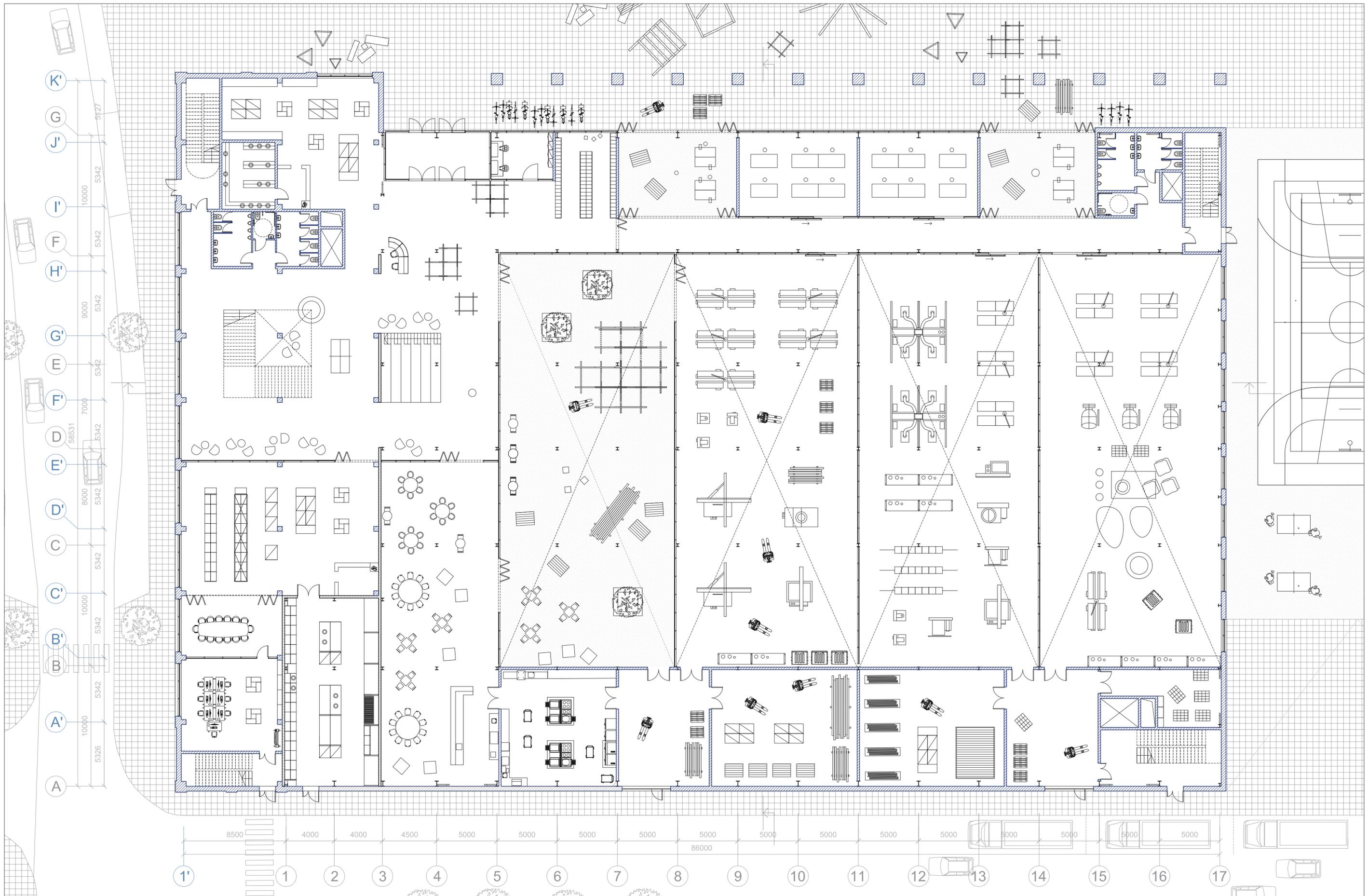




Design focus

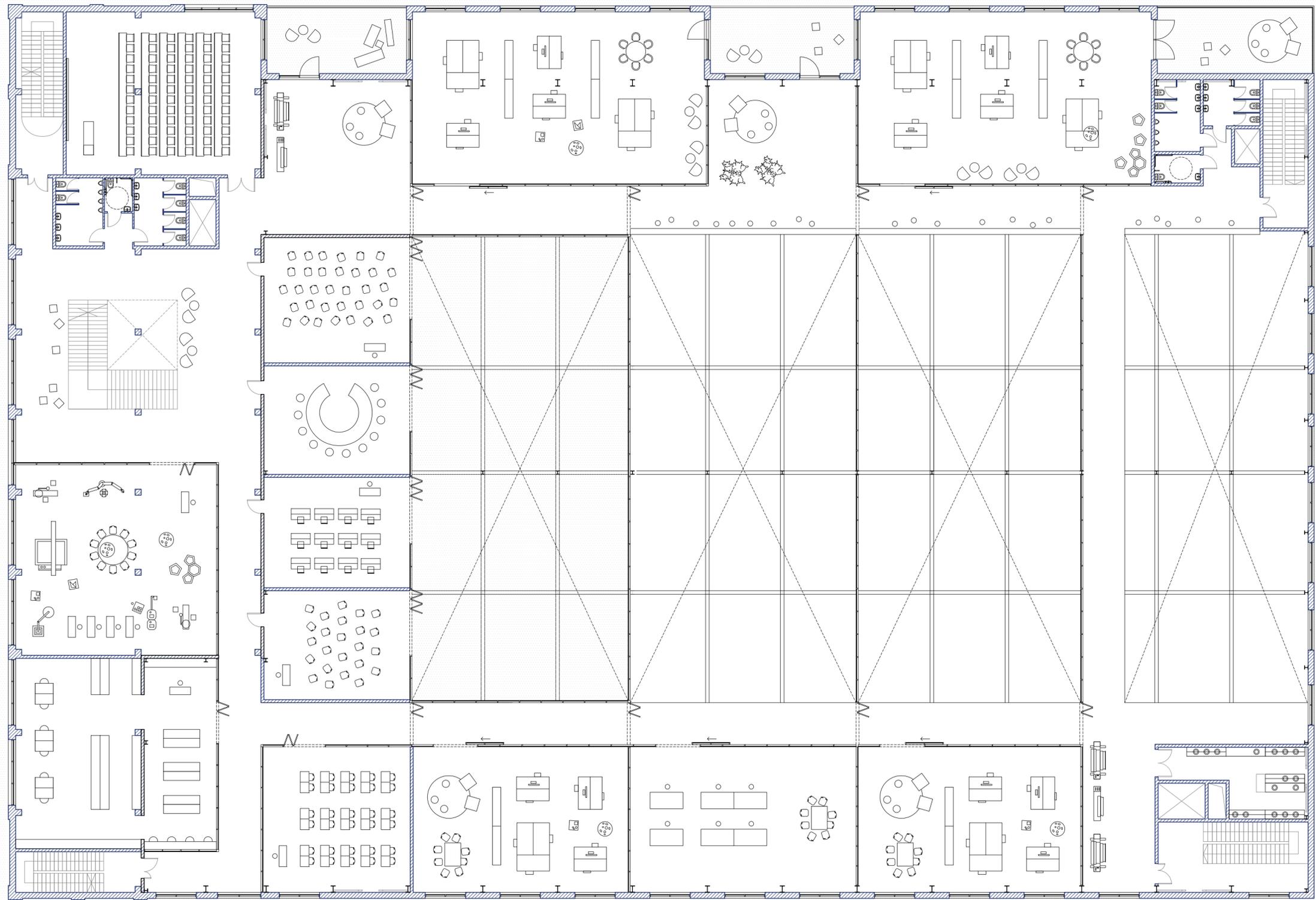


Overview



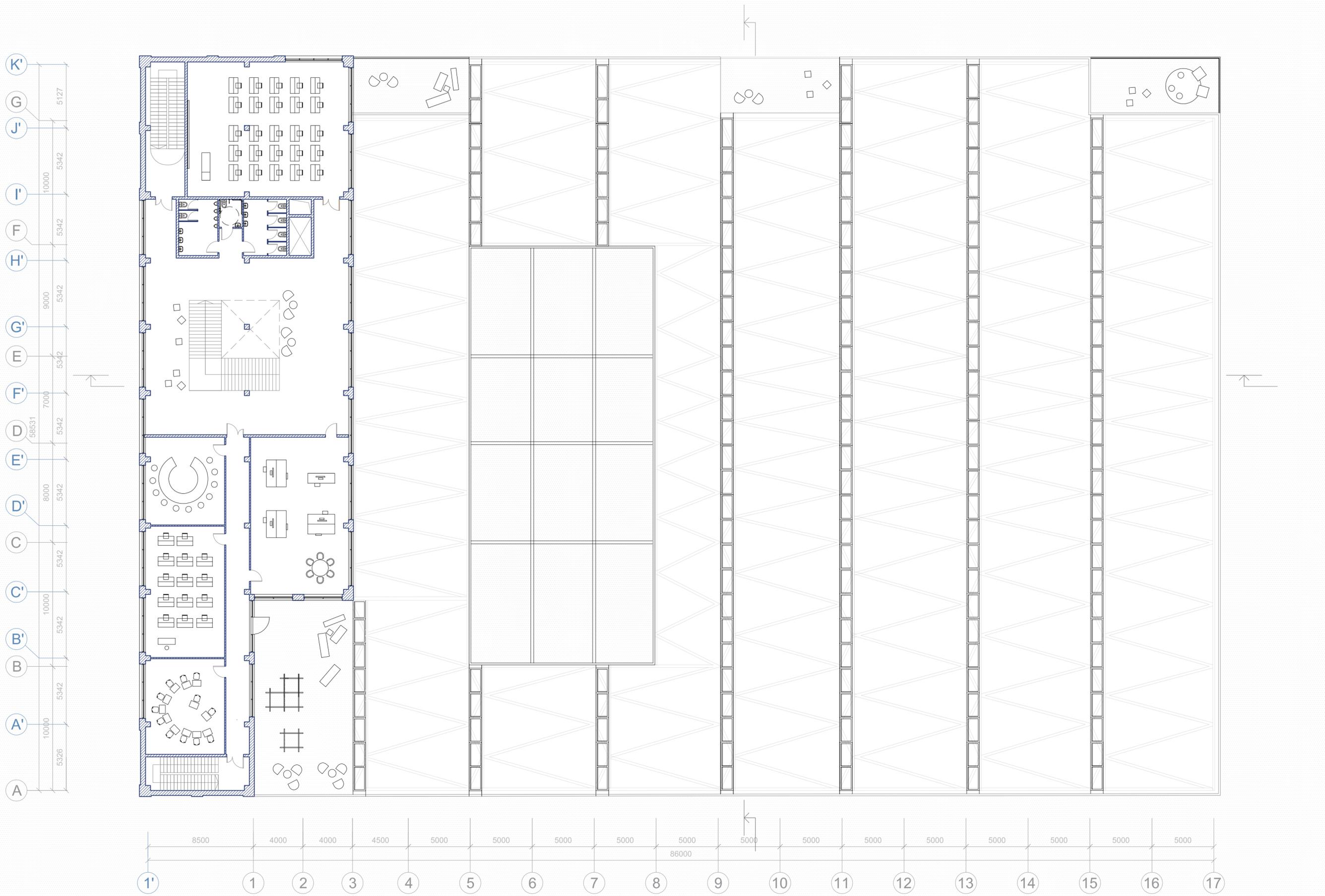
Ground floor plan 1:200

K' 5127
 G 5342
 J' 10000
 I' 5342
 F 5342
 H' 9000
 G' 5342
 E 5342
 F' 7000
 D 56531
 E' 5342
 D' 8000
 C 5342
 C' 10000
 B' 5342
 B 5342
 A' 10000
 A 5326



8500 4000 4000 4500 5000 5000 5000 5000 5000 5000 5000 5000 5000 5000 5000 5000 5000
 86000
 1' 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

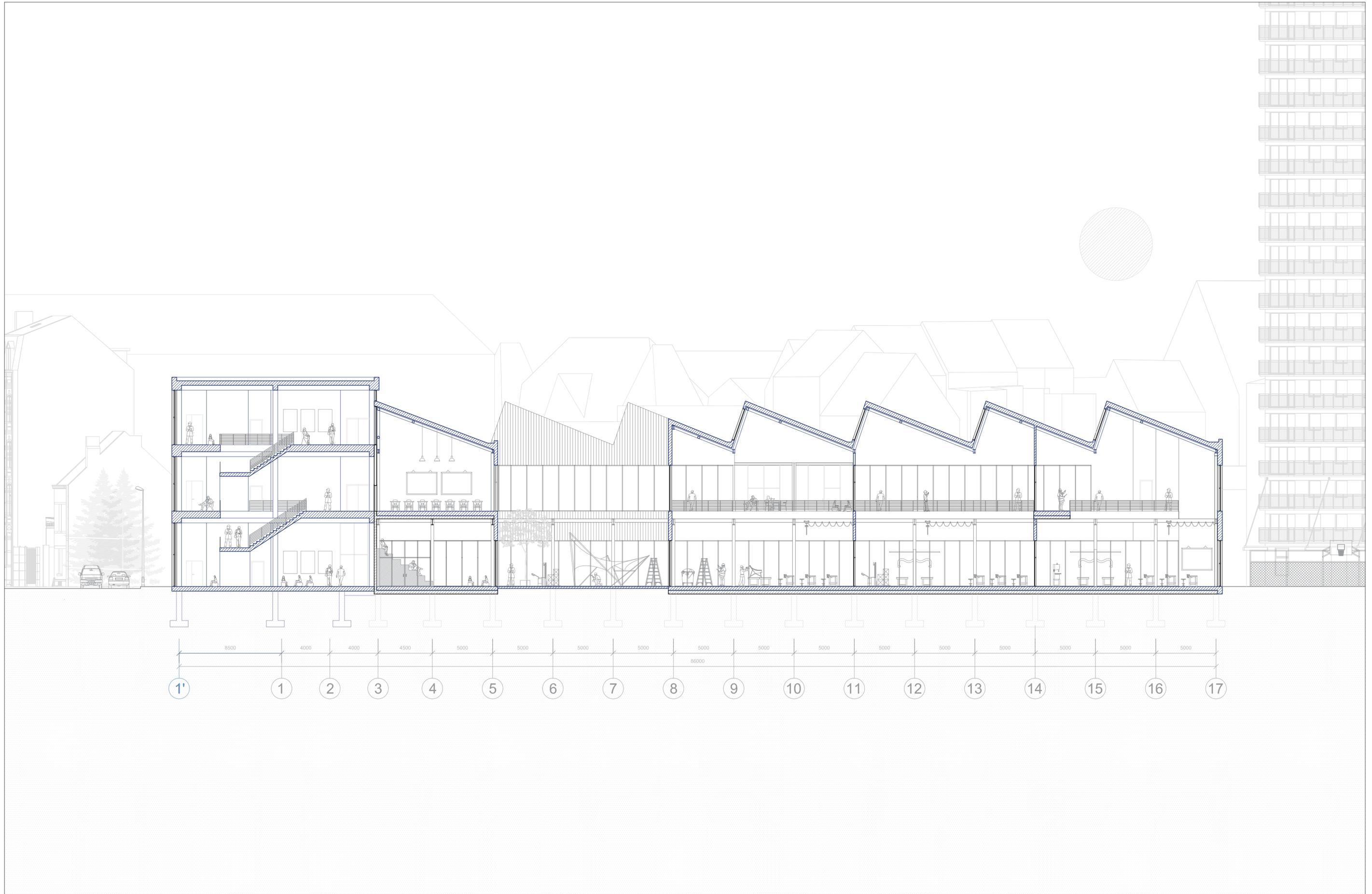
First floor plan 1:200



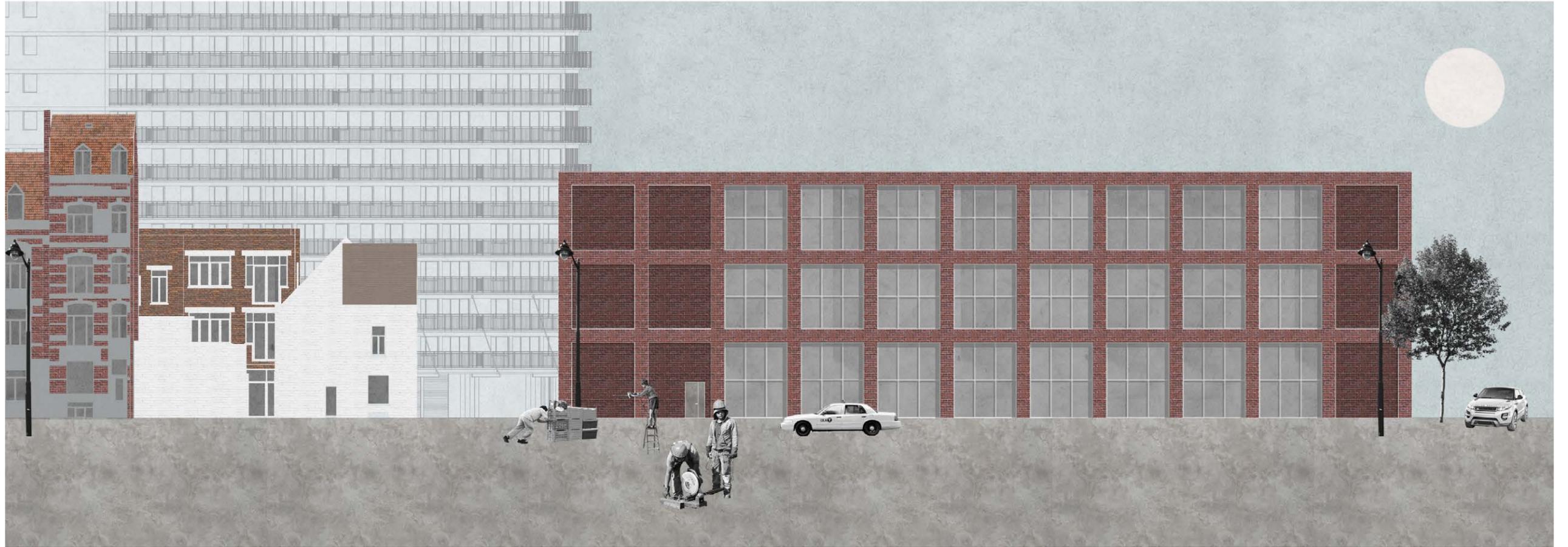
Second floor plan 1:200



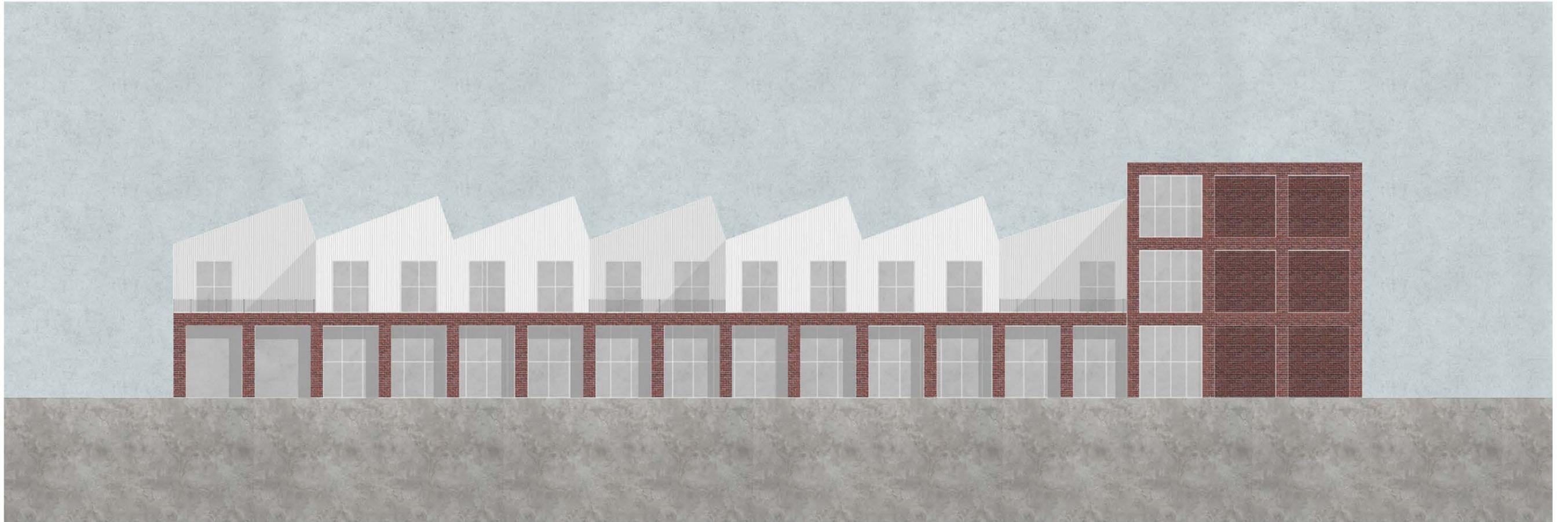
Section A-K' 1:200



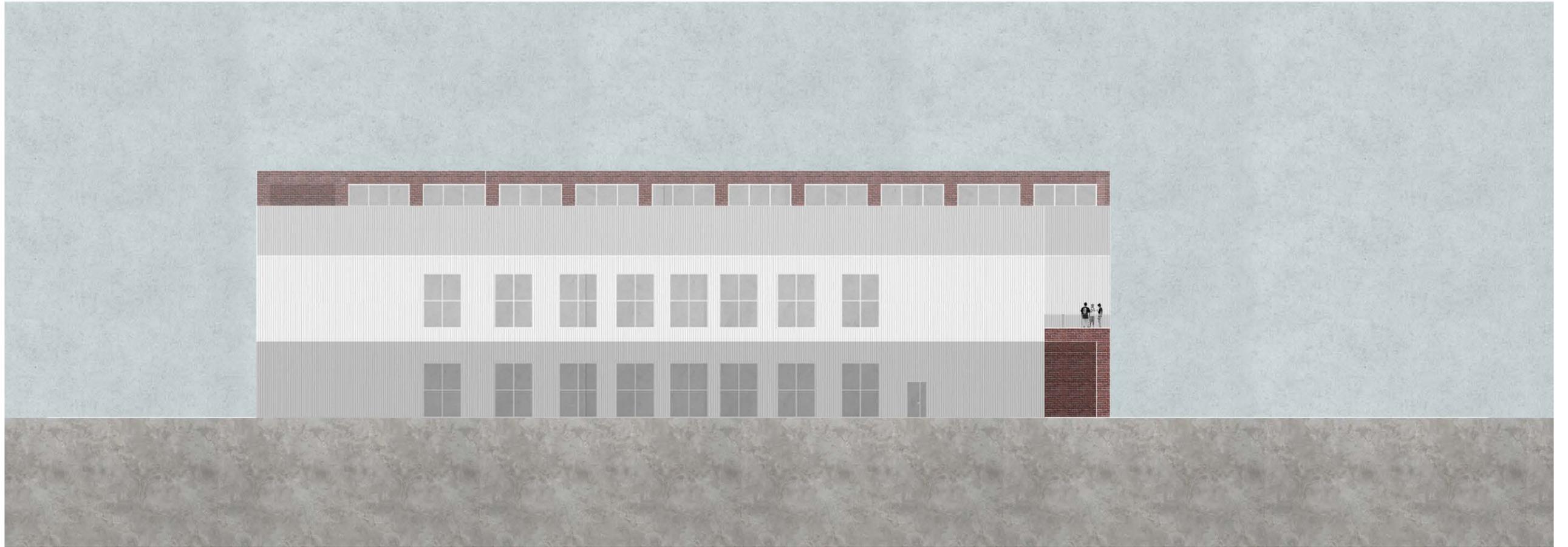
Section 1-17 1:200



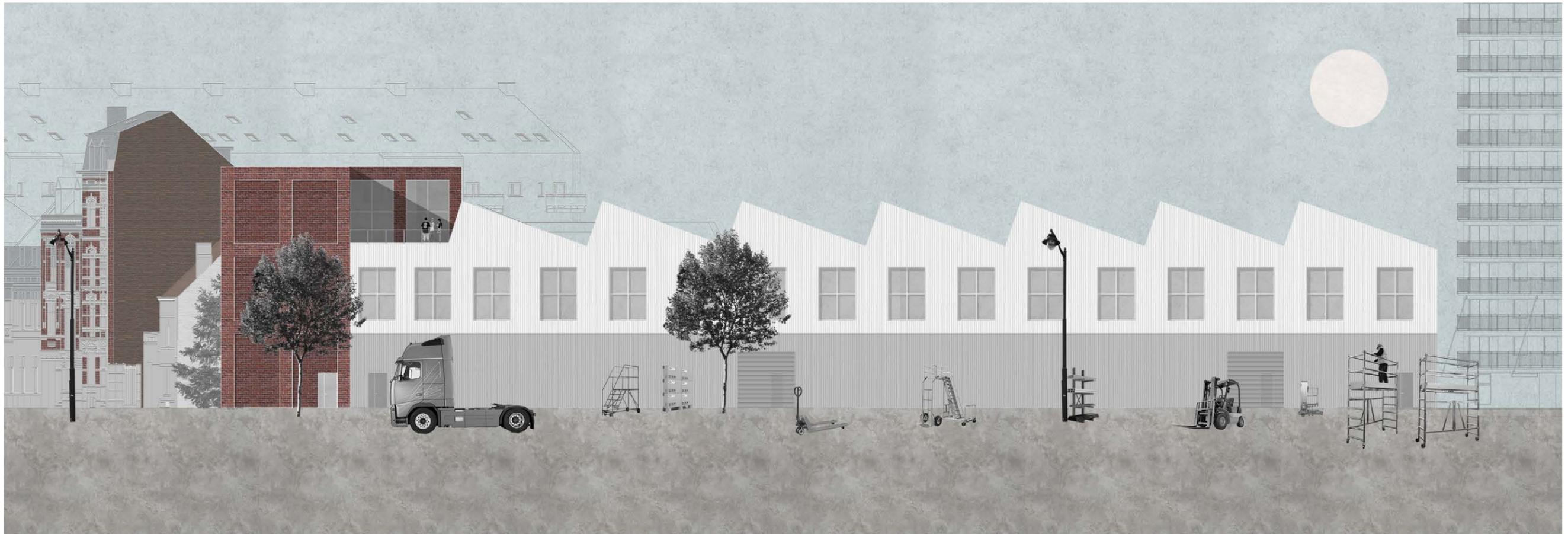
Northern facade



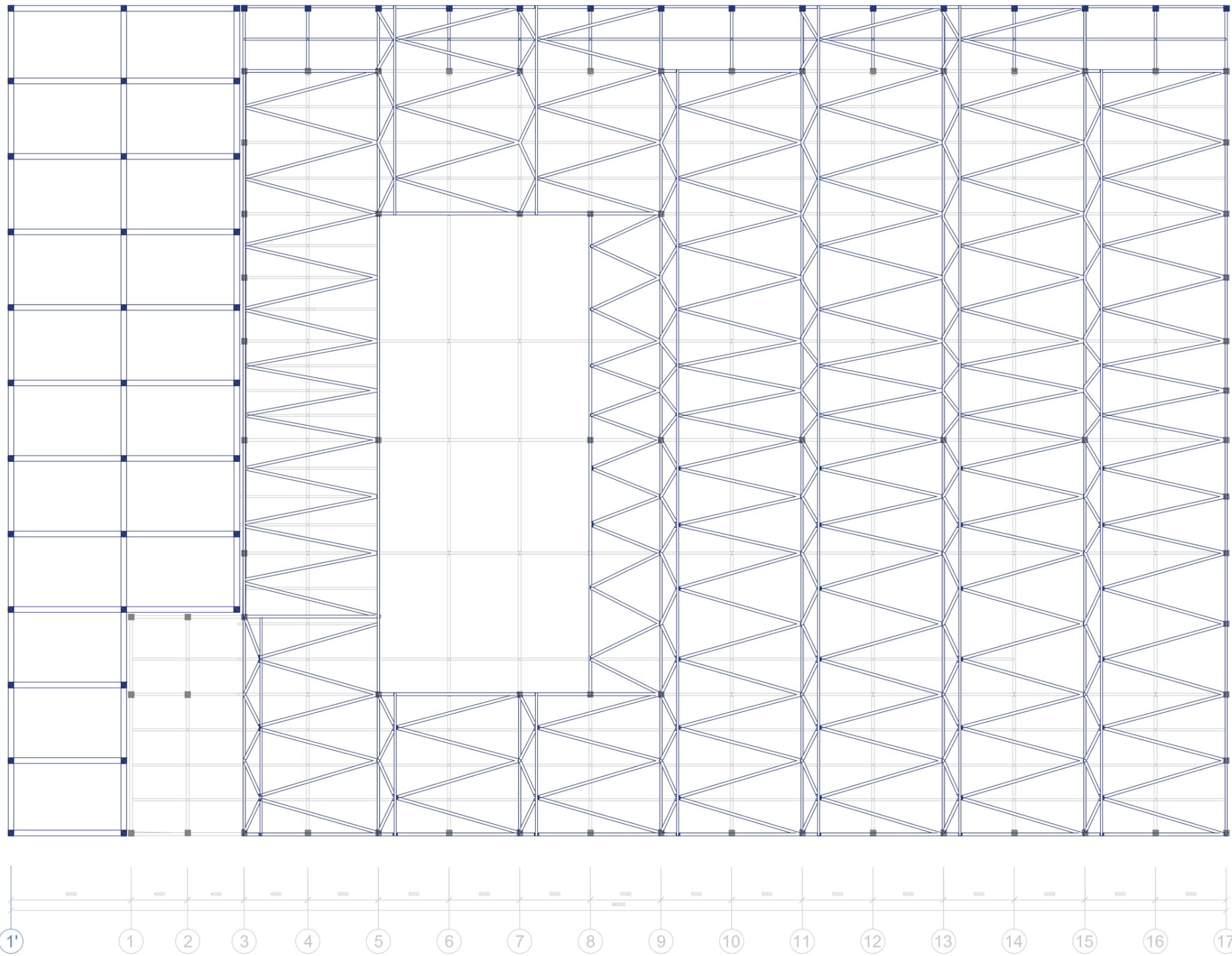
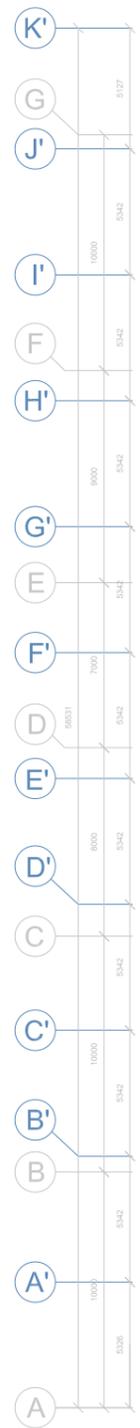
Eastern facade



Southern facade



Western facade



Structure top view 1:300

Existing transformation

Structure: Steel frame

Grid: 5x9 m

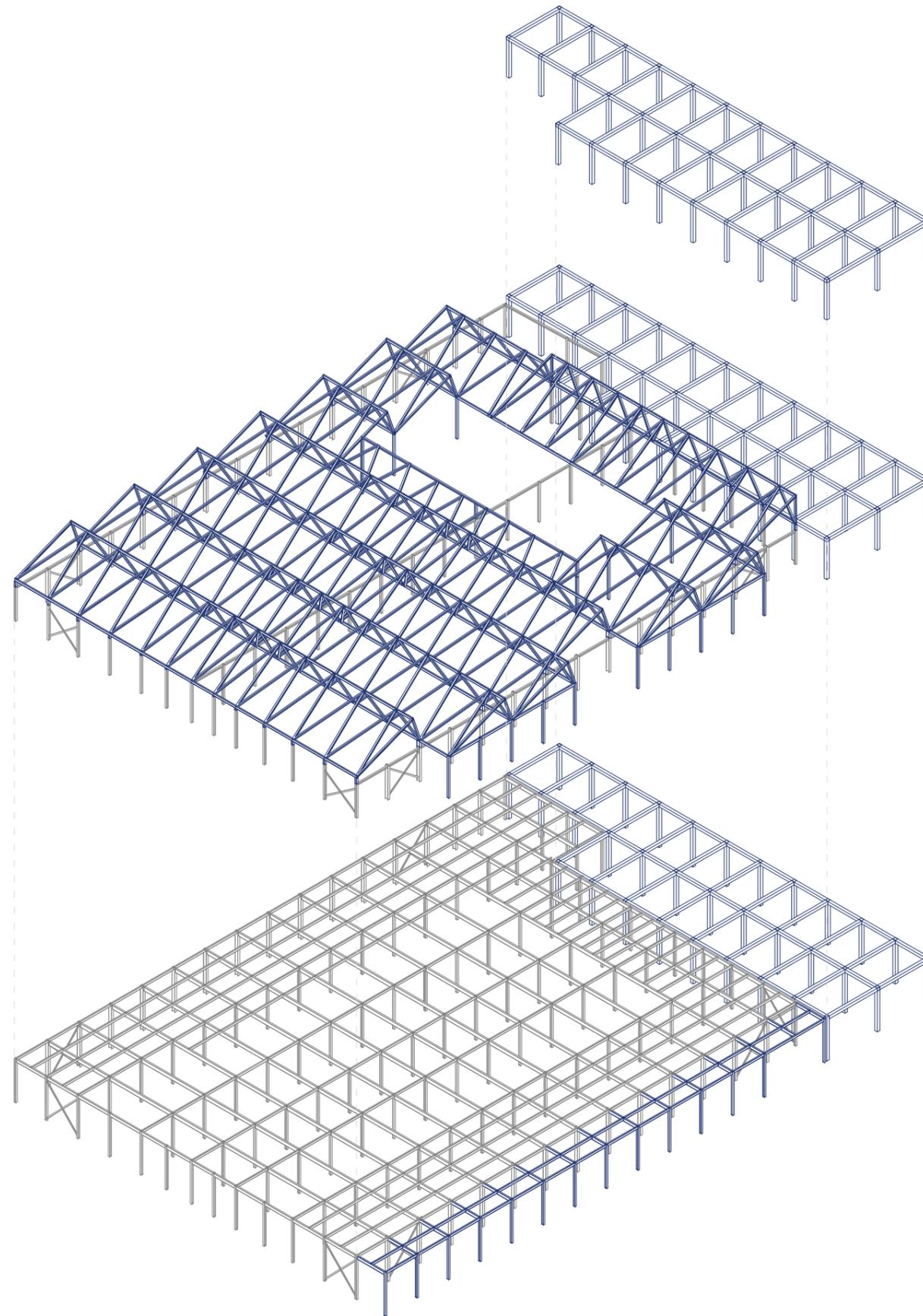
Floors: Concrete slab, steel decking

Walls: reinforcing

galvanised steel sheet wall

cassette

Facade: Stainless steel trapezoidal sheet



New addition

Structure: Timber frame

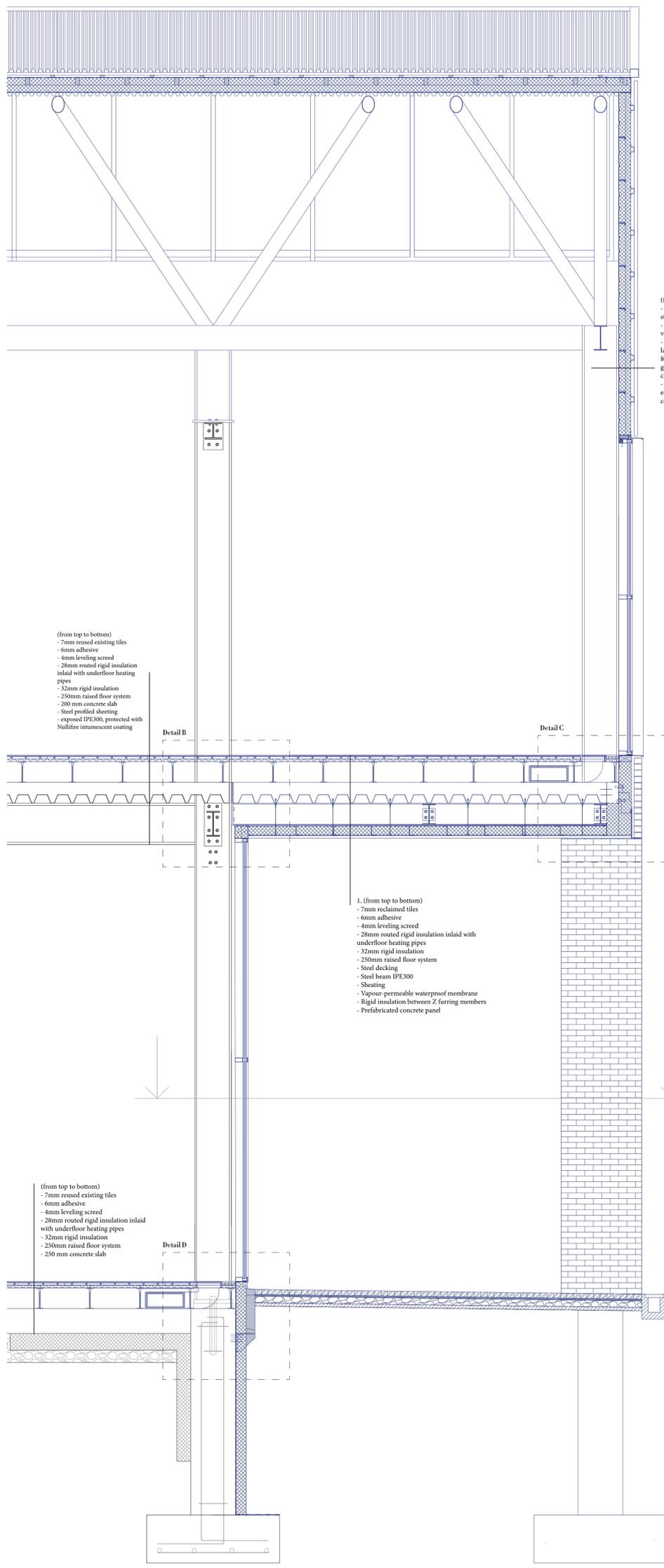
Grid: 5x8 m

Floors: CLT

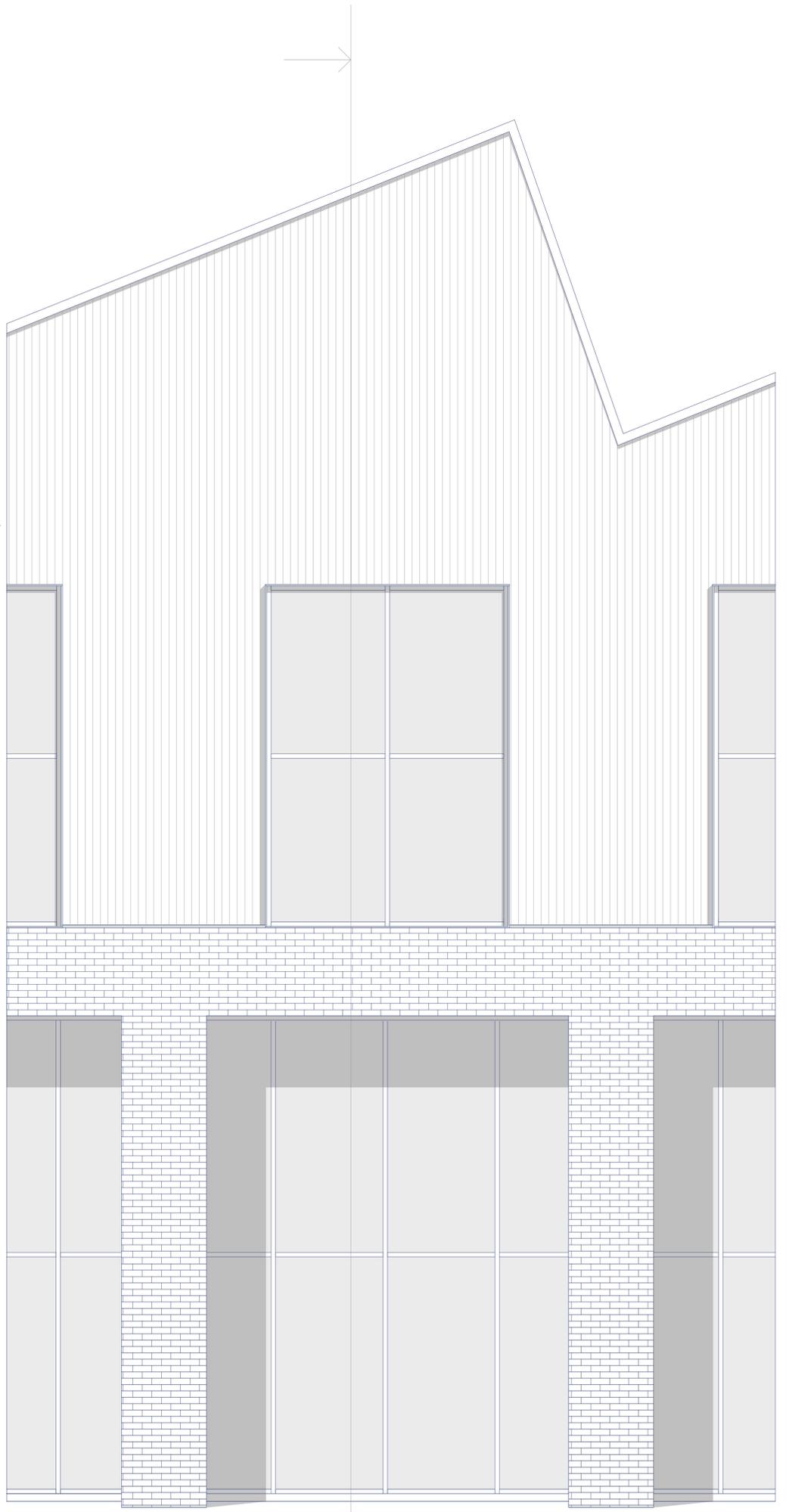
Walls: CLT

Facade: Brick

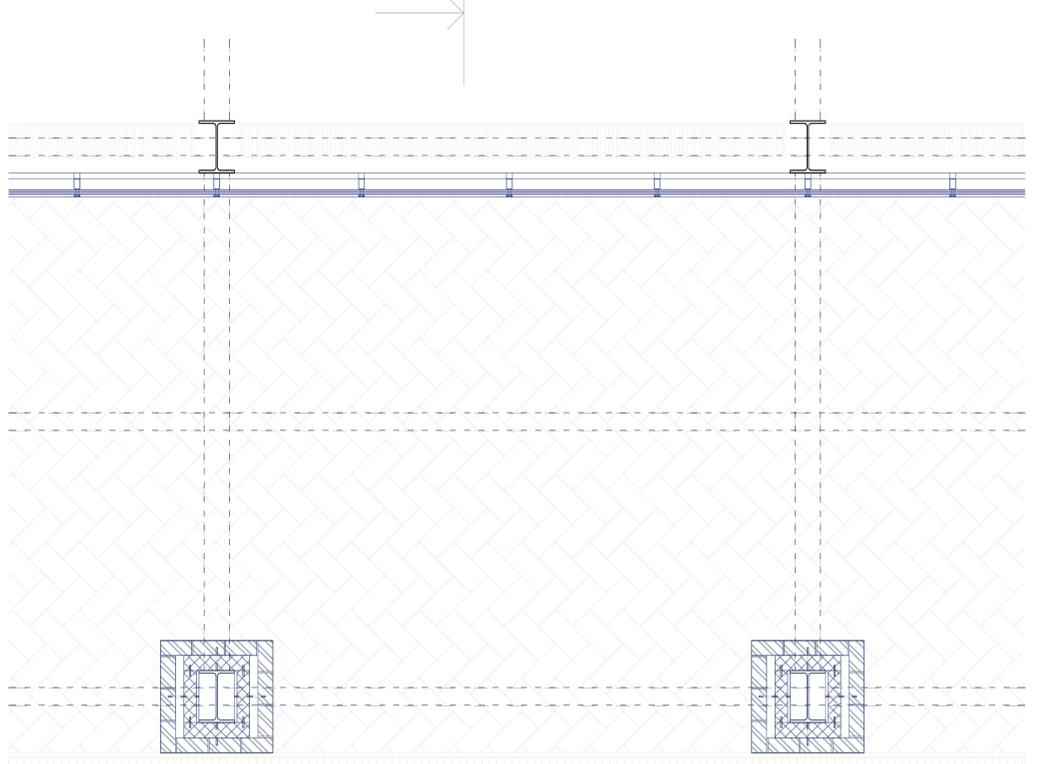
Structural axonometry



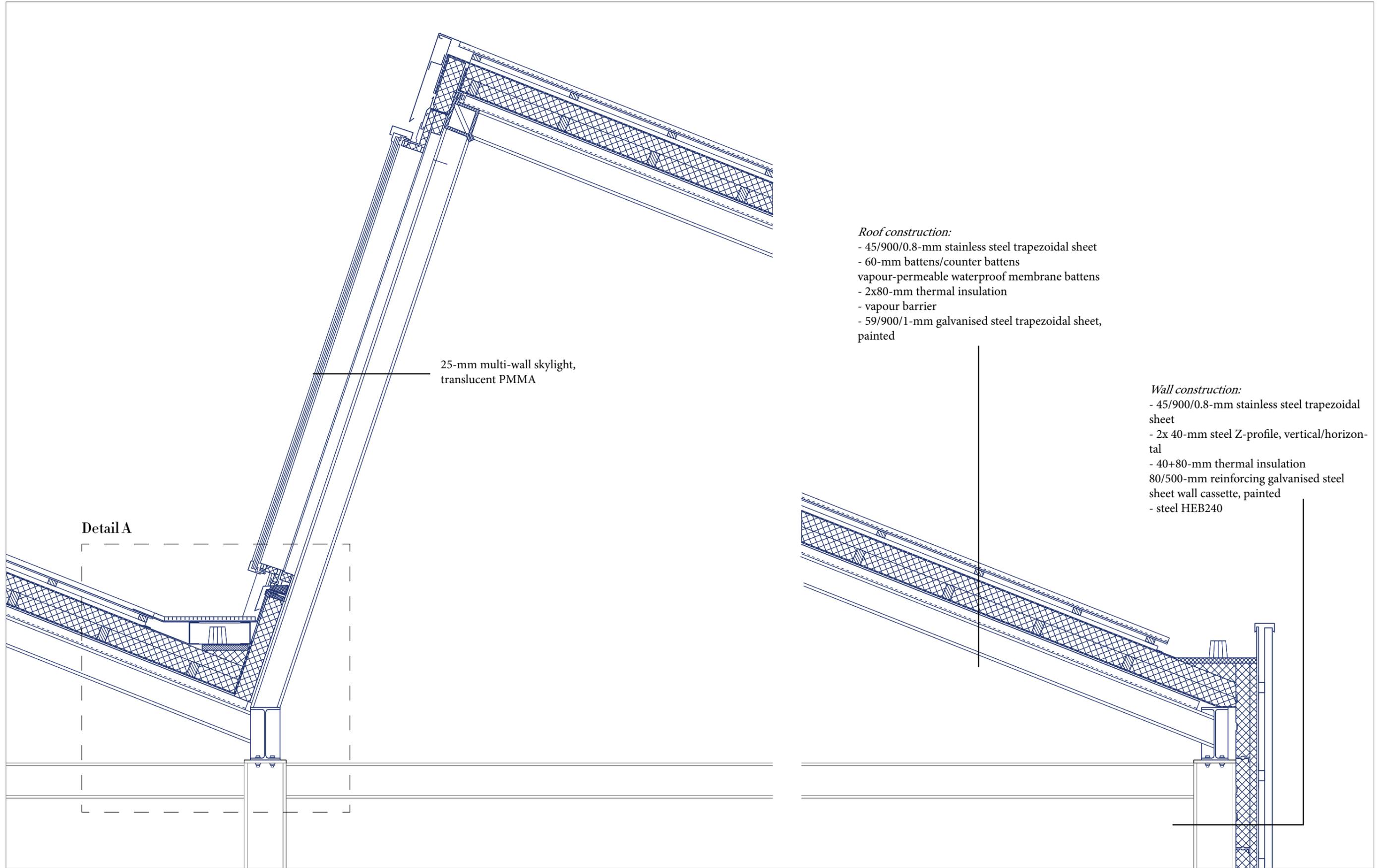
Front facade detailed section 1:20



Front elevation detail 1:20



Ground floor plan detail 1:20



25-mm multi-wall skylight,
translucent PMMA

Detail A

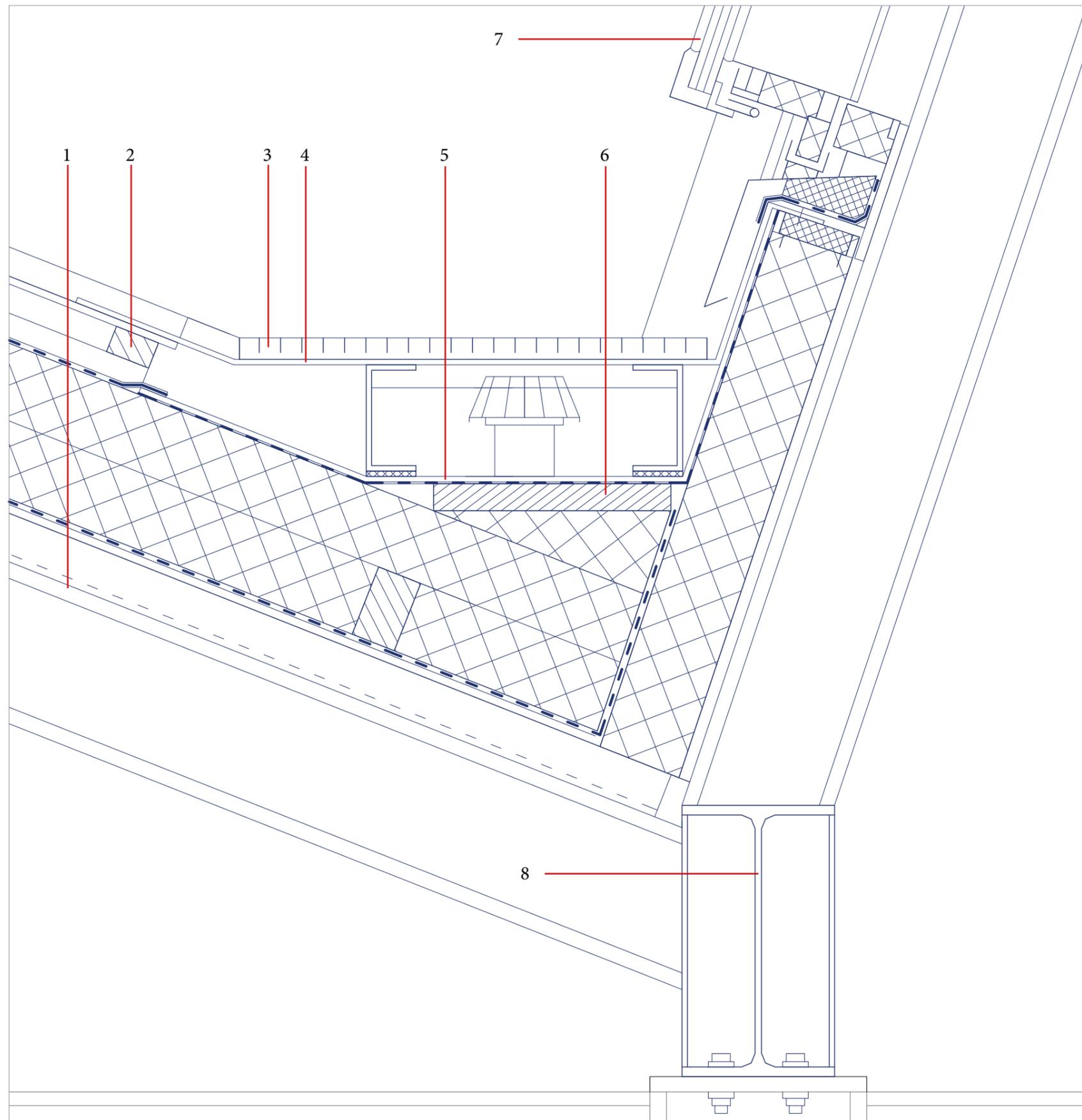
- Roof construction:*
- 45/900/0.8-mm stainless steel trapezoidal sheet
 - 60-mm battens/counter battens
 - vapour-permeable waterproof membrane battens
 - 2x80-mm thermal insulation
 - vapour barrier
 - 59/900/1-mm galvanised steel trapezoidal sheet, painted

- Wall construction:*
- 45/900/0.8-mm stainless steel trapezoidal sheet
 - 2x 40-mm steel Z-profile, vertical/horizontal
 - 40+80-mm thermal insulation
 - 80/500-mm reinforcing galvanised steel sheet wall cassette, painted
 - steel HEB240

Roof detail 1:20

1. (from top to bottom)
- 45/900/0.8-mm stainless steel trapezoidal sheet
- 60-mm battens/counter battens
- vapour-permeable waterproof membrane
- battens
- 2x80-mm thermal insulation
- vapour barrier
- 59/900/1-mm galvanised steel trapezoidal sheet, painted

2. battens
3. metal grating
4. metal grating fixture
5. gutter
6. gutter boards
7. 25-mm multi-wall skylight, translucent PMMA
8. exposed steel beam IPE300, protected with Nullifire intumescent coating



Detail A r:5

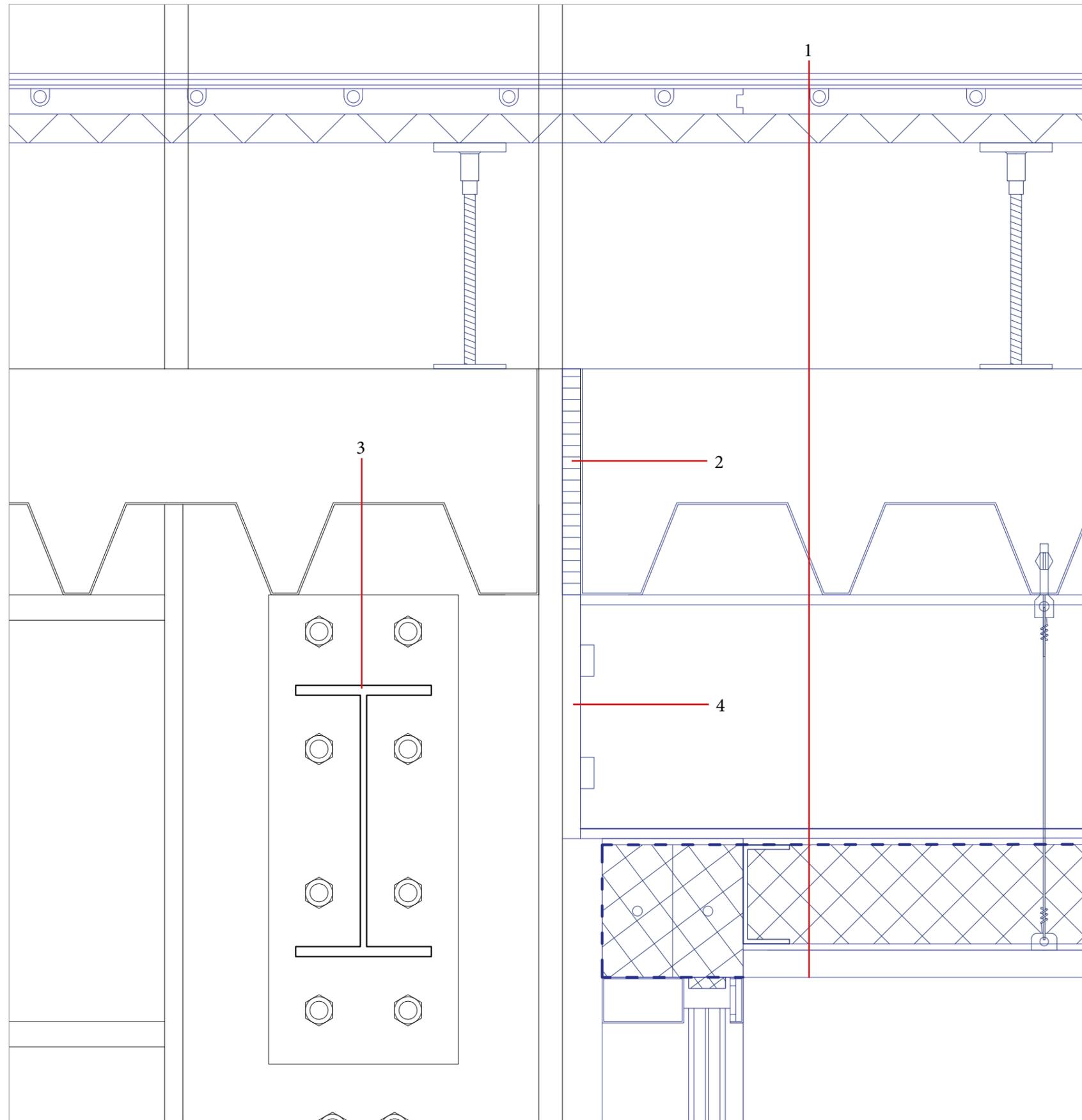
1. (from top to bottom)

- 7mm reclaimed tiles
- 6mm adhesive
- 4mm leveling screed
- 28mm routed rigid insulation inlaid with underfloor heating pipes
- 32mm rigid insulation
- 250mm raised floor system
- Steel decking
- Steel beam IPE300
- Sheathing
- Vapour-permeable waterproof membrane
- Rigid insulation between Z furring members
- Cement plaster board

2. Expansion joint

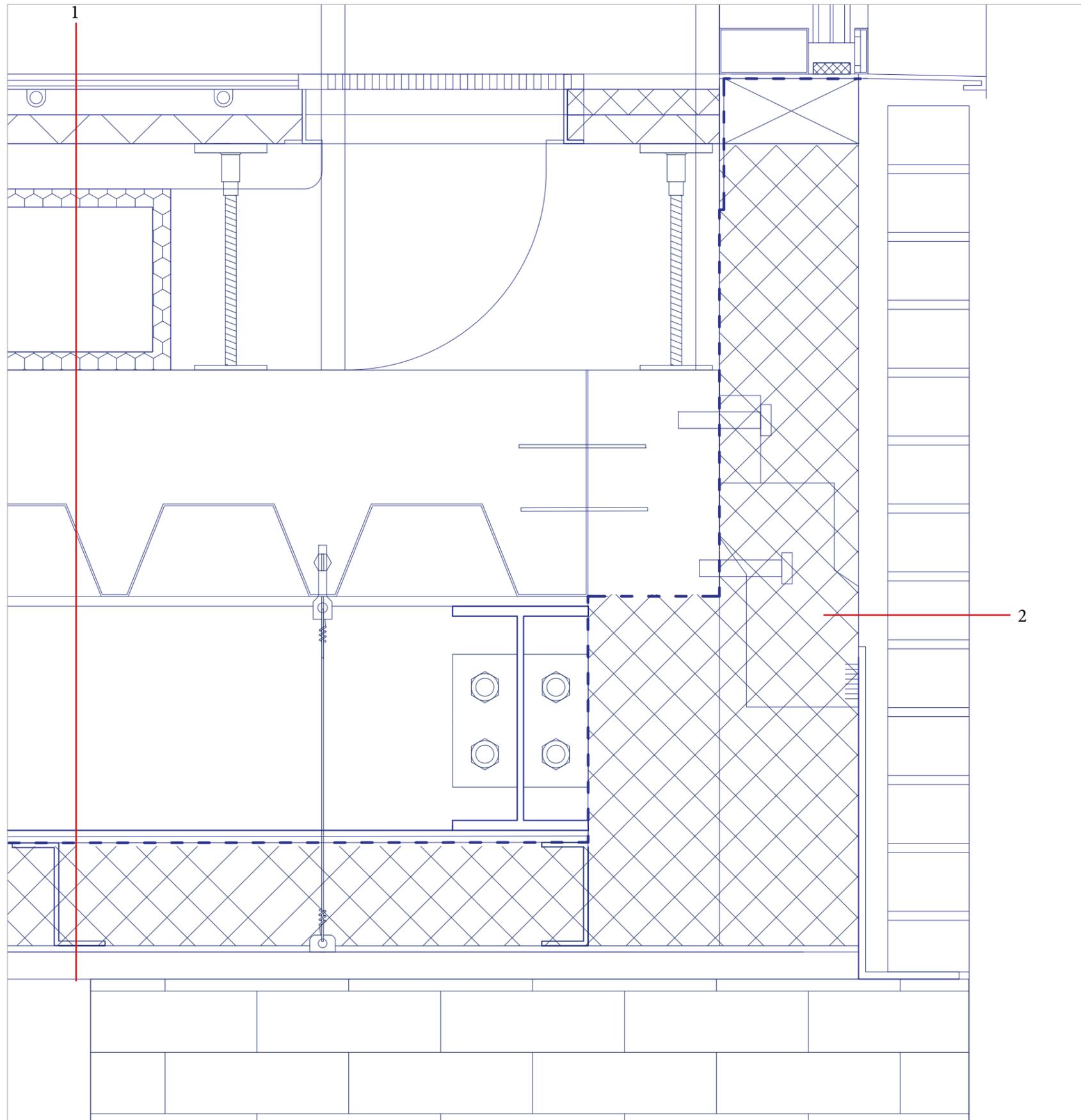
3. Exposed steel beam IPE300, protected with Nullfire intumescent coating

4. Endplate



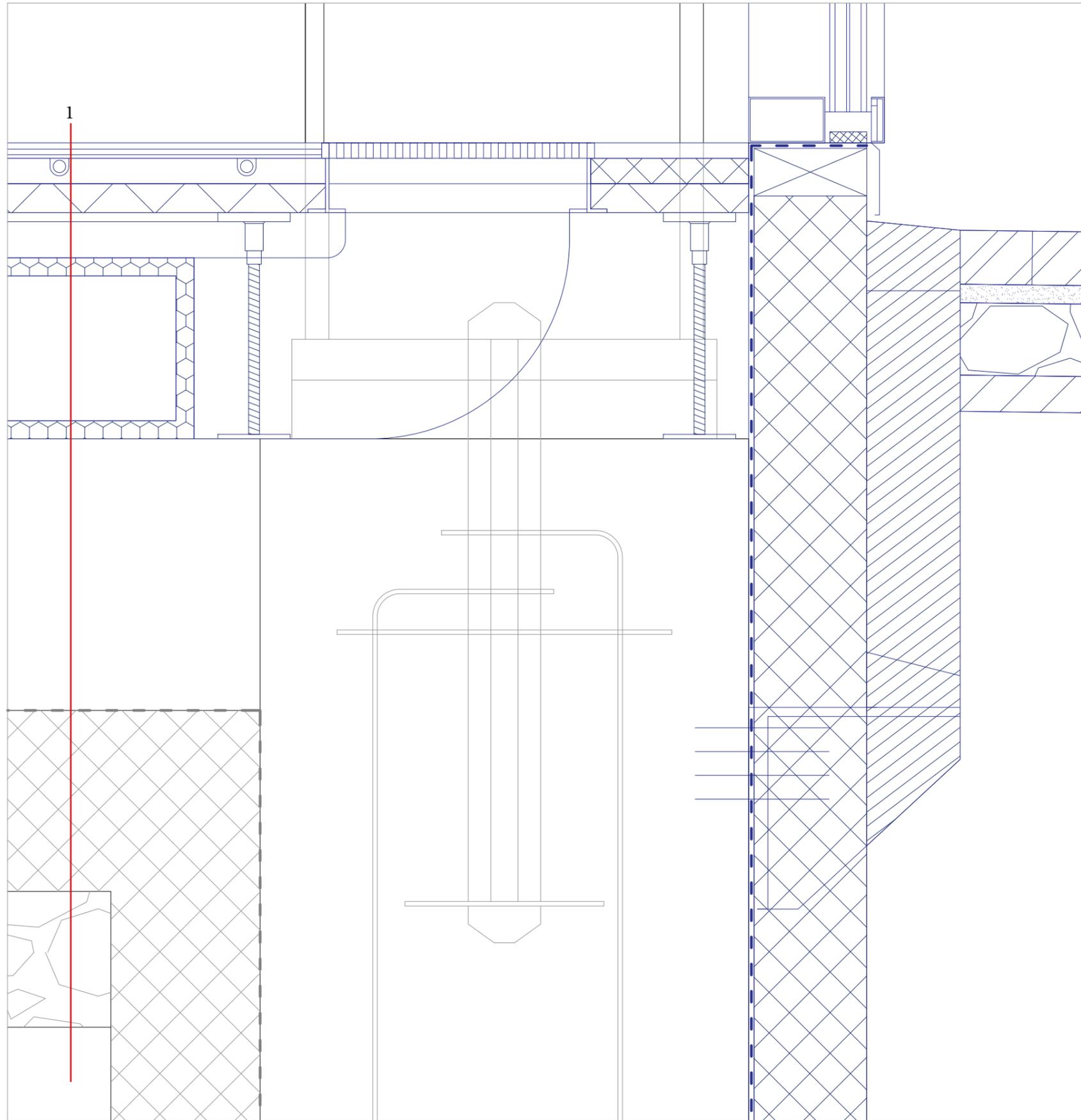
Detail B 1:5

1. (from top to bottom)
- 7mm reclaimed tiles
 - 6mm adhesive
 - 4mm leveling screed
 - 28mm routed rigid insulation inlaid with underfloor heating pipes
 - 32mm rigid insulation
 - 250mm raised floor system
 - Steel decking
 - Steel beam IPE300
 - Sheating
 - Vapour-permeable waterproof membrane
 - Rigid insulation between Z furring members
 - Cement plaster board
2. Brick carrier



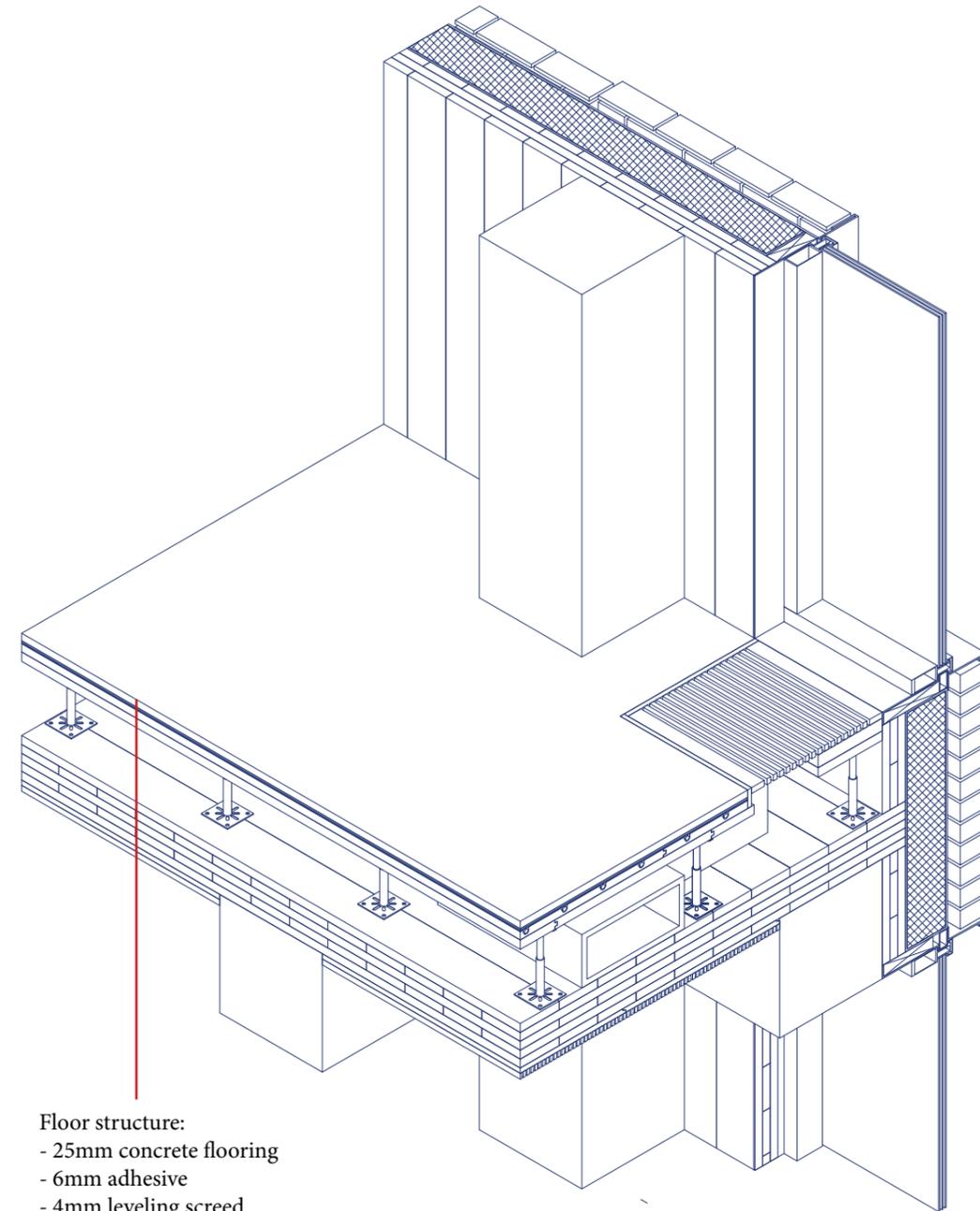
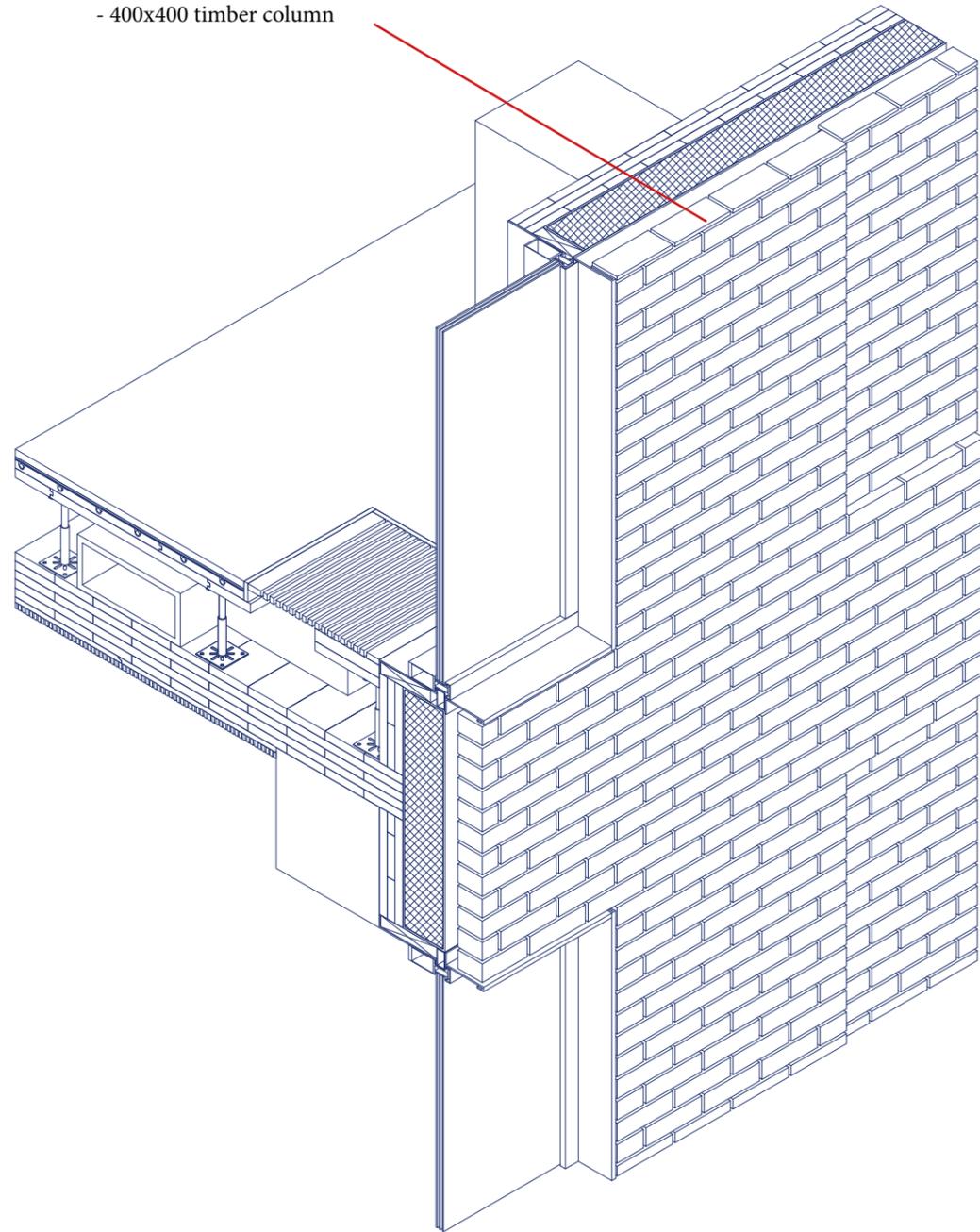
Detail C1:5

1. (from top to bottom)
- 7mm reclaimed tiles
 - 6mm adhesive
 - 4mm leveling screed
 - 28mm routed rigid insulation inlaid with underfloor heating pipes
 - 32mm rigid insulation
 - 250mm raised floor system
 - 300mm concrete floor slab
 - vapour-permeable waterproof membrane
 - 200 mm insulation
 - compacted gravel



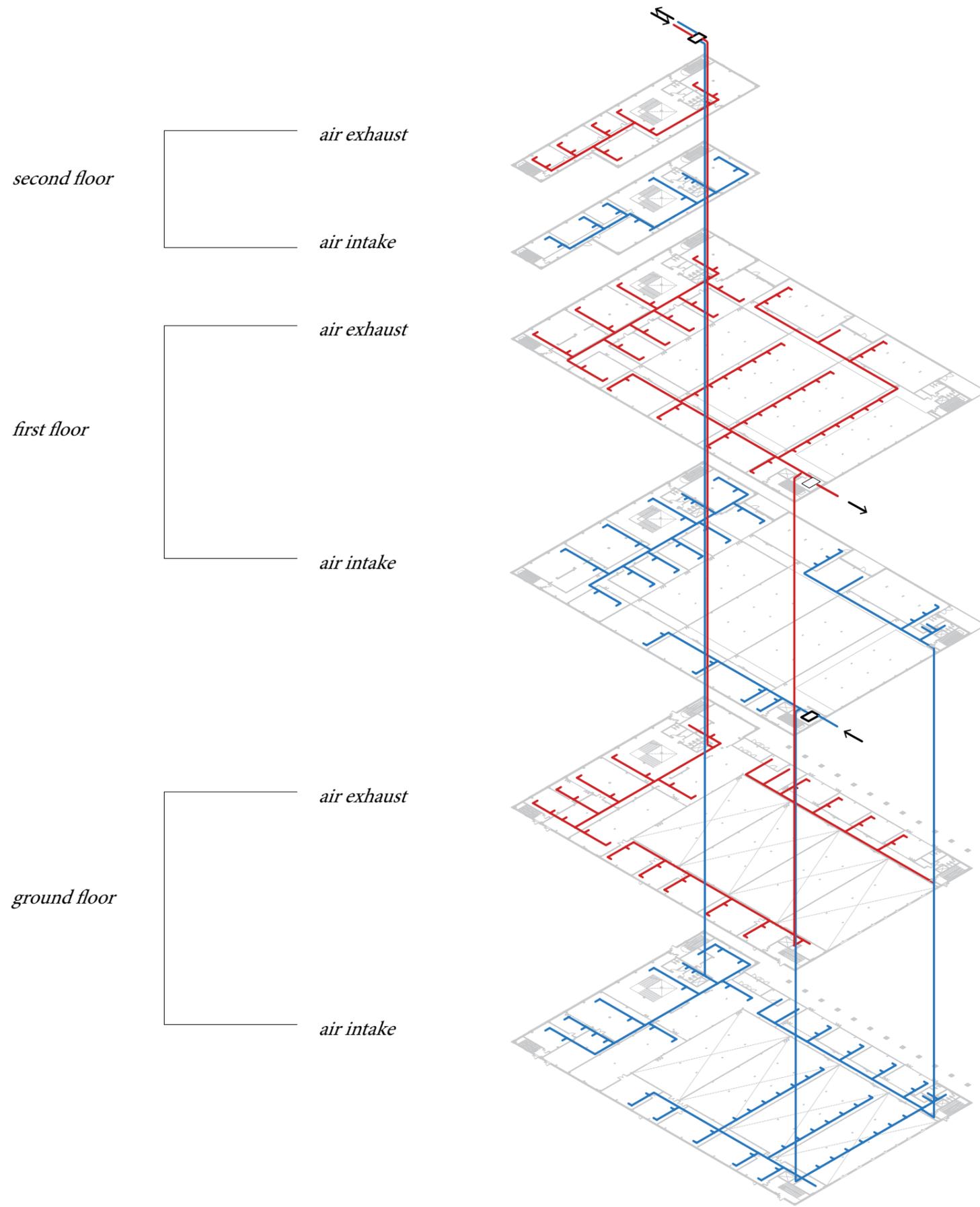
Detail D 1:5

- Wall structure:
- Bricks
 - 50mm air cavity
 - 150 insulation
 - Three layers CLT wall
 - 400x400 timber column

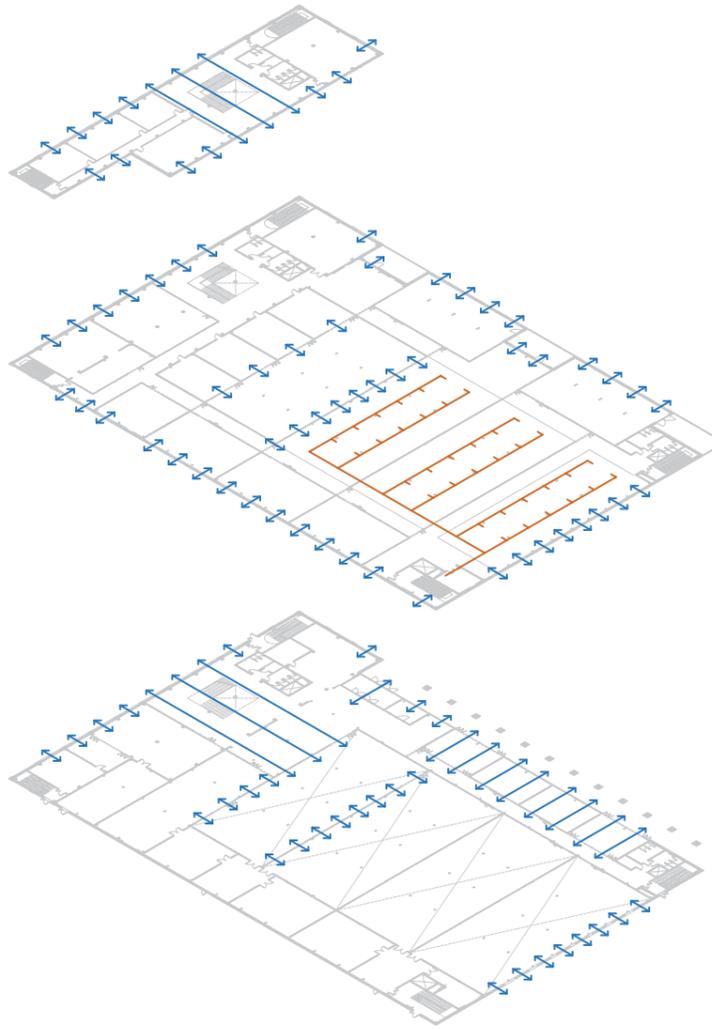


- Floor structure:
- 25mm concrete flooring
 - 6mm adhesive
 - 4mm leveling screed
 - 28mm routed rigid insulation inlaid with under-floor heating pipes
 - 32mm rigid insulation
 - 250mm raised floor system
 - 150 mm CLT floor
 - 18mm Acousting insulation
 - 19mm Acousting timber boards
 - 400x400 Timber beam

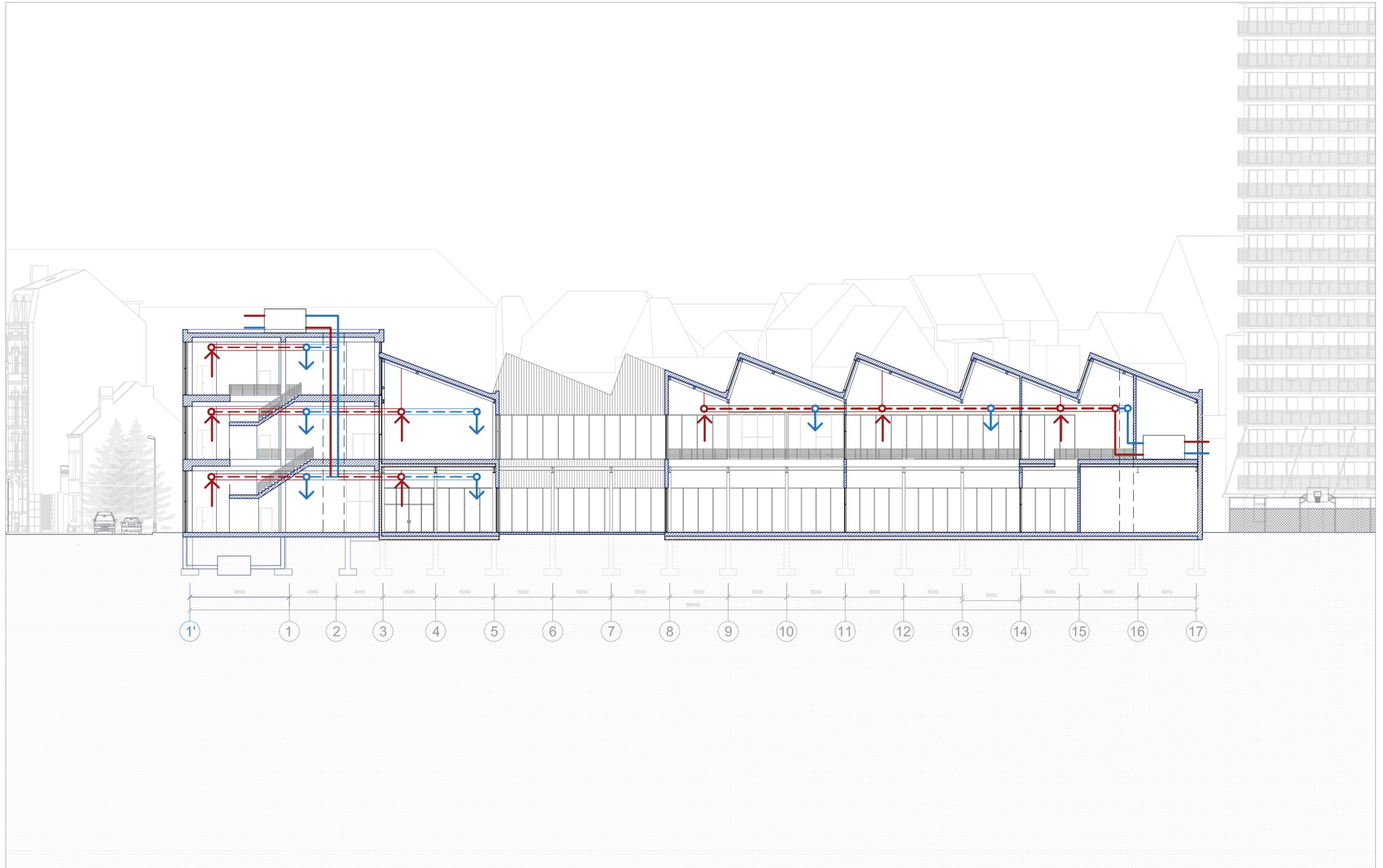
New public building wall structure axonometry



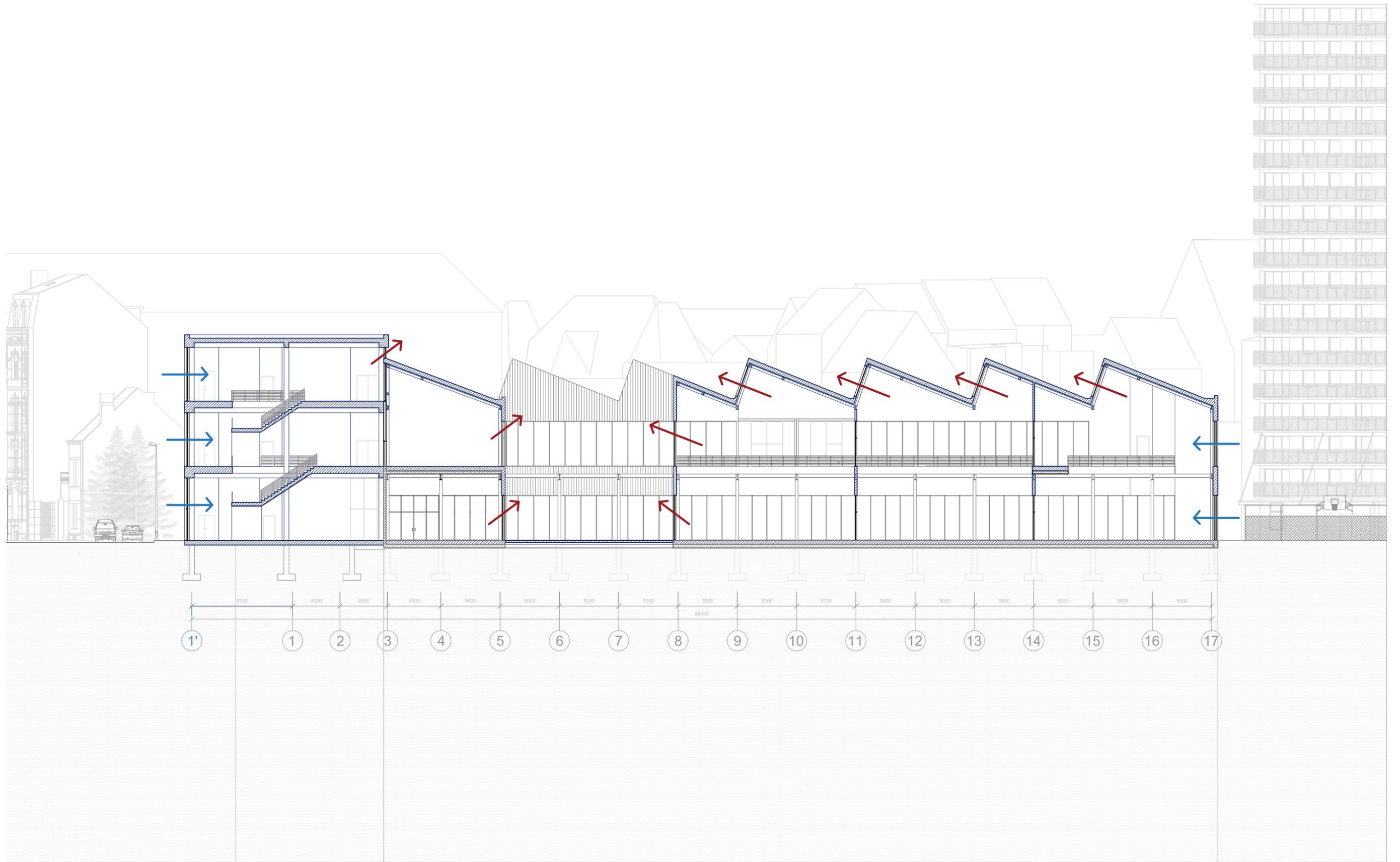
Mechanical ventilation



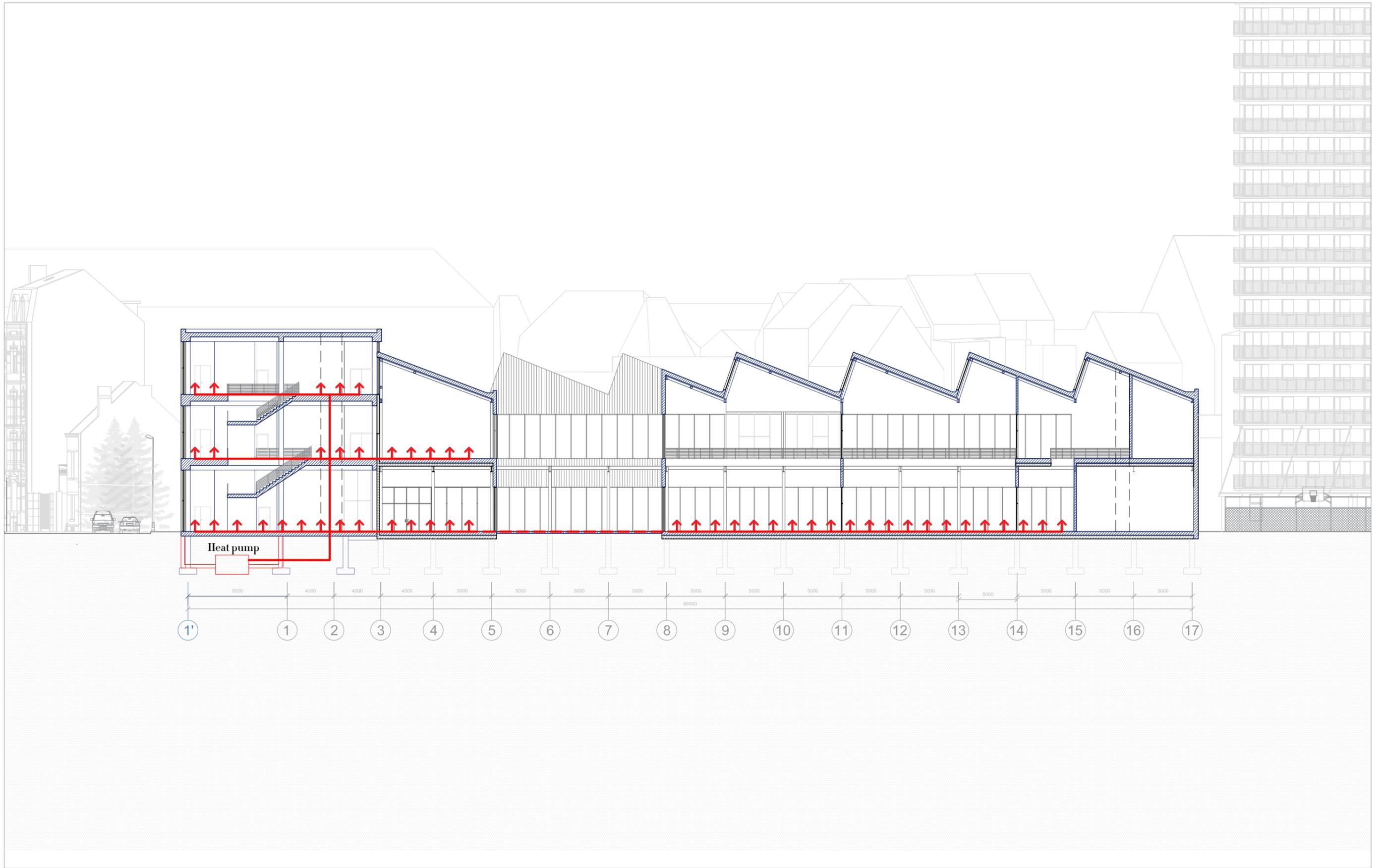
Natural ventilation and machinery dust extraction system



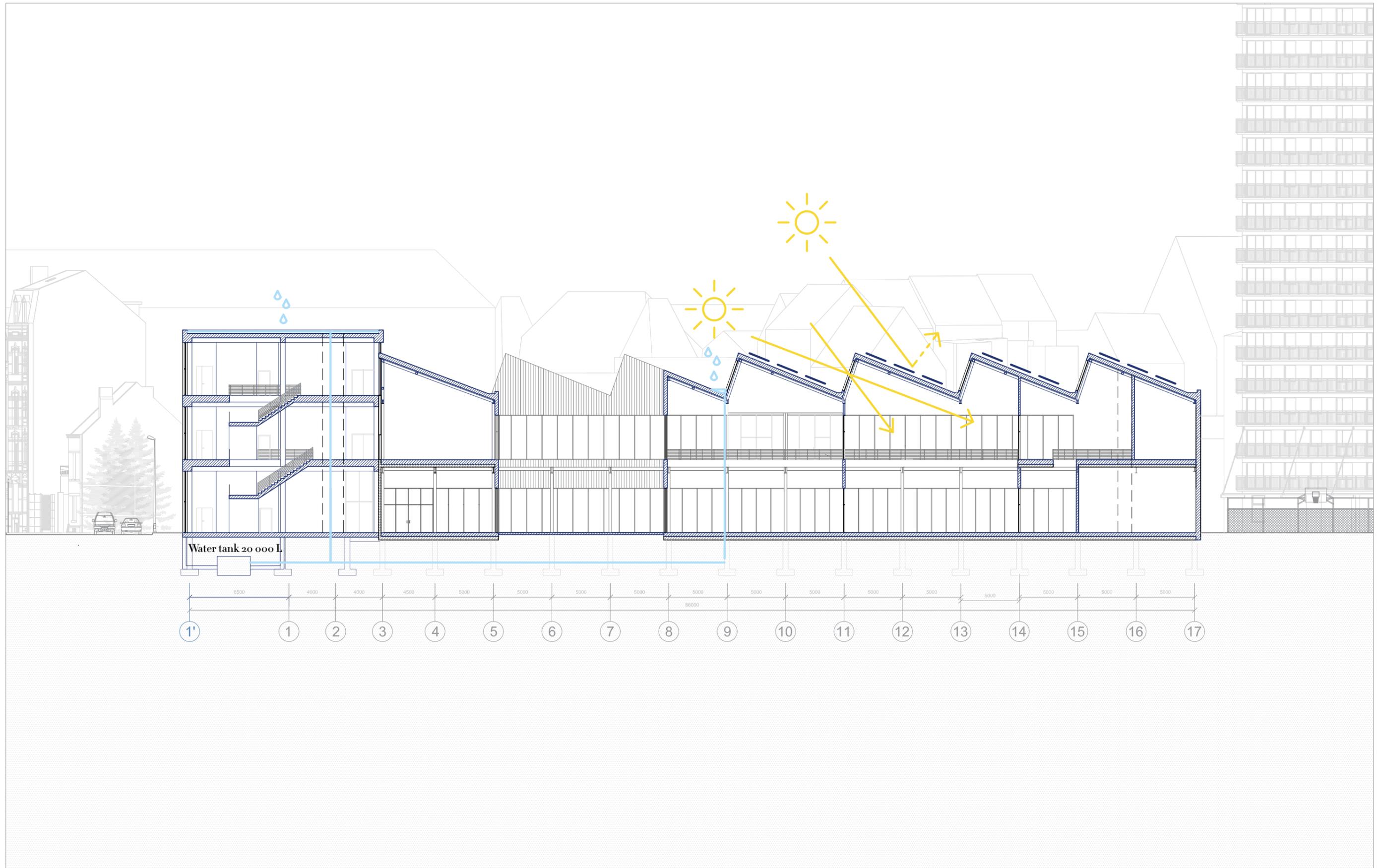
Mechanical ventilation



Natural ventilation



Underfloor heating system



Rainwater collecting system and solar energy system



Interior of craft hall



Interior of courtyard



Threshold between old and new



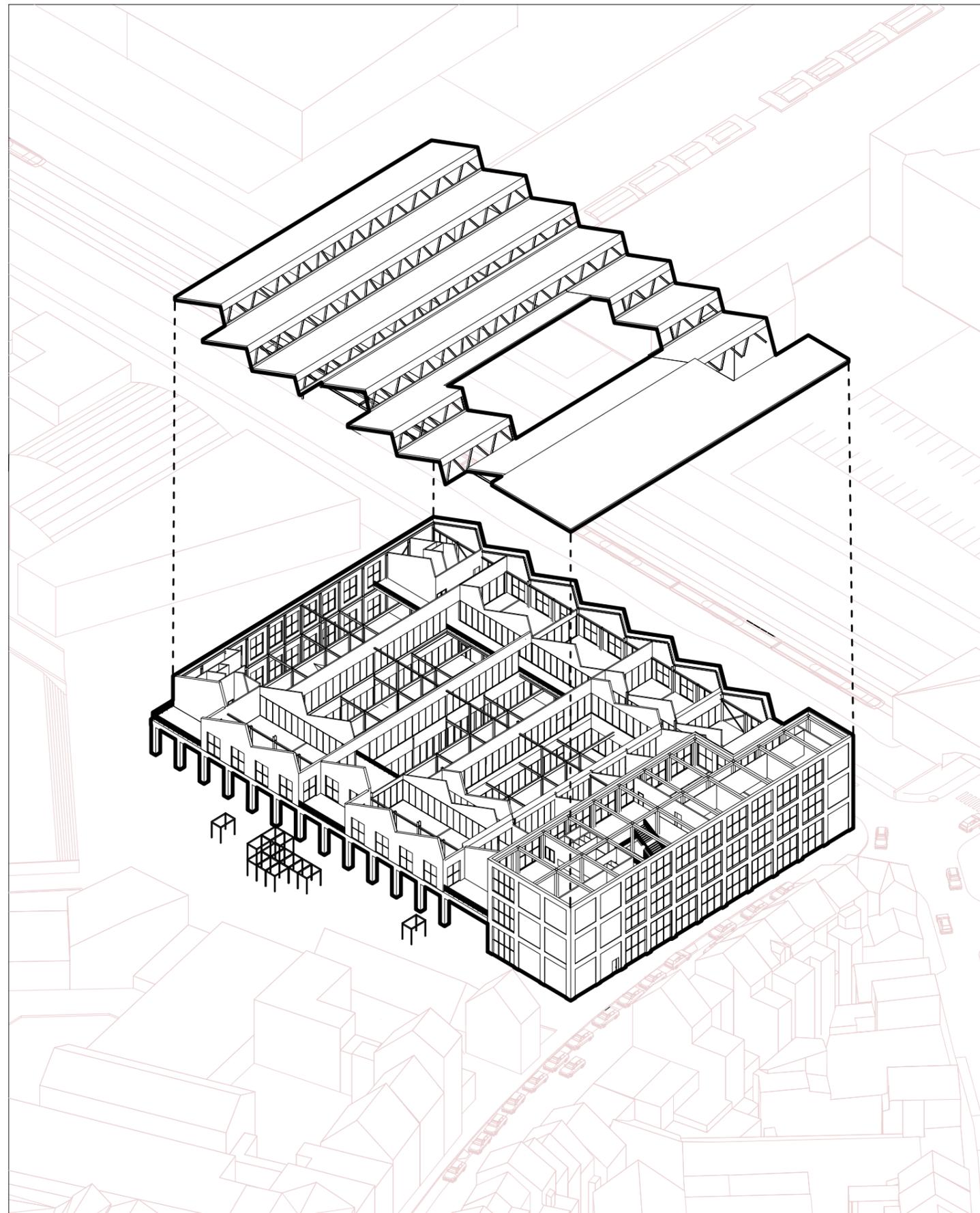
Threshold between public and private



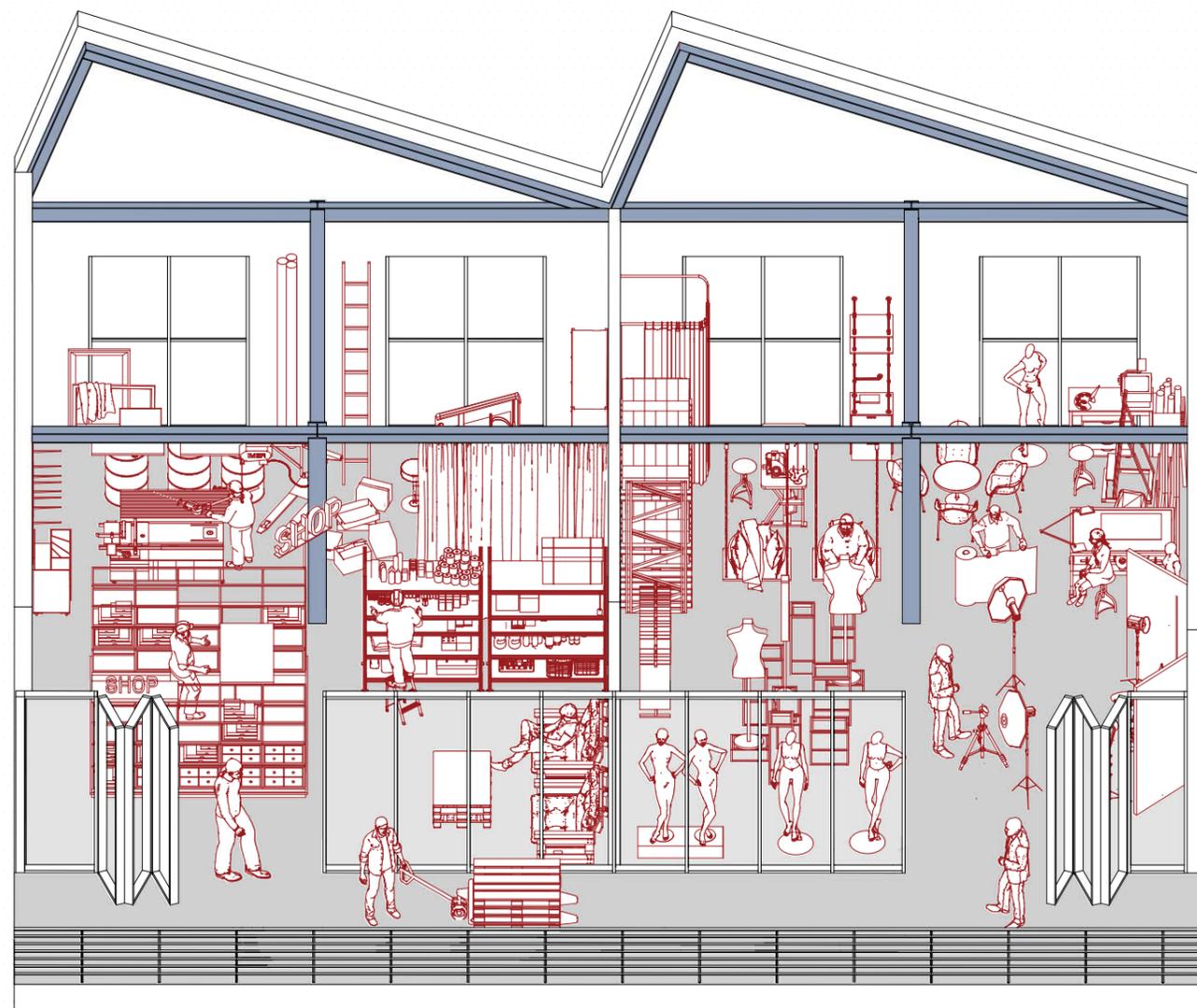
Threshold between public and private



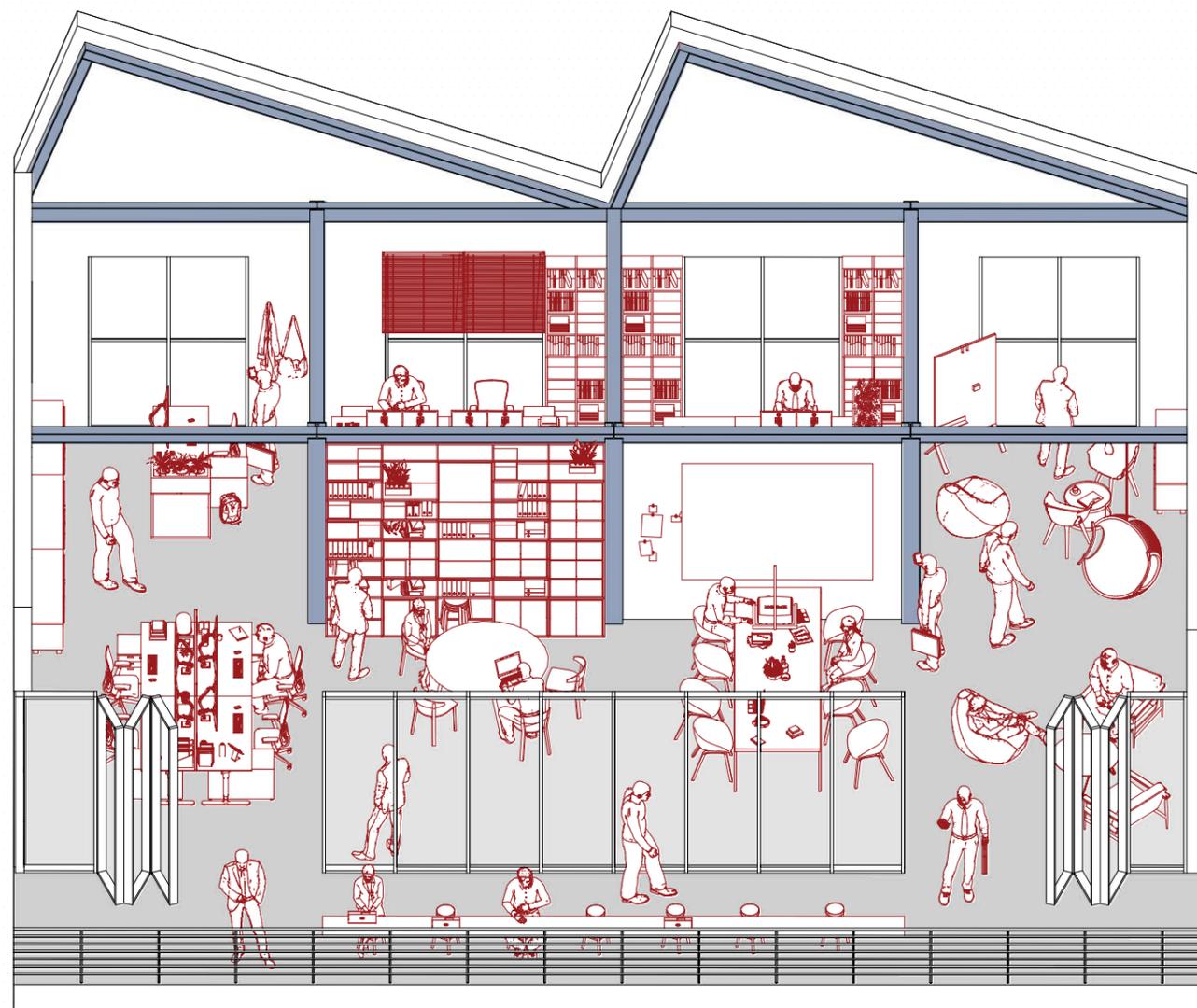
Relationship with the context



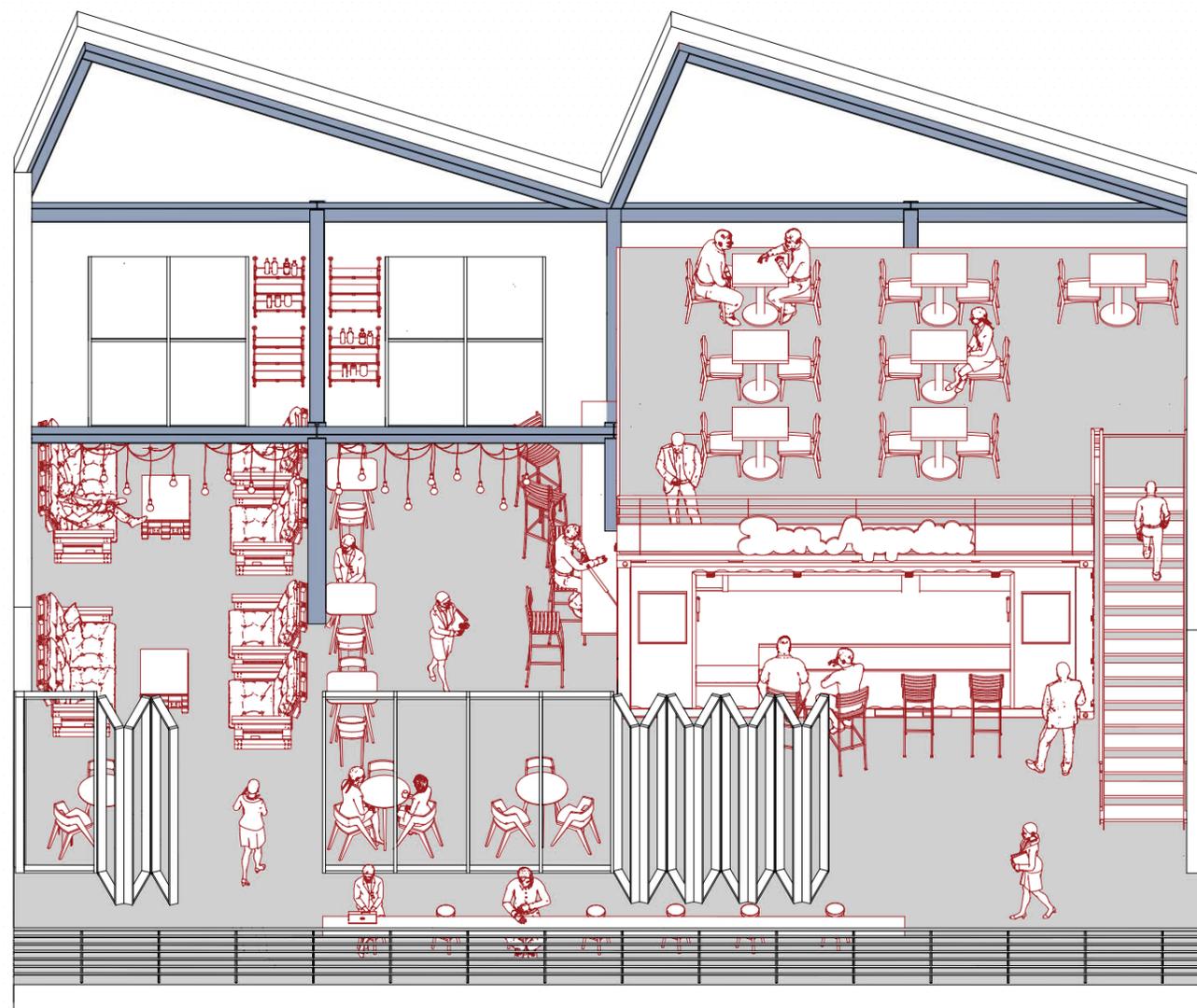
Relationship with the context



Appropriation and flexibility
Workshops



Appropriation and flexibility
Co-working spaces



Appropriation and flexibility
Cafe