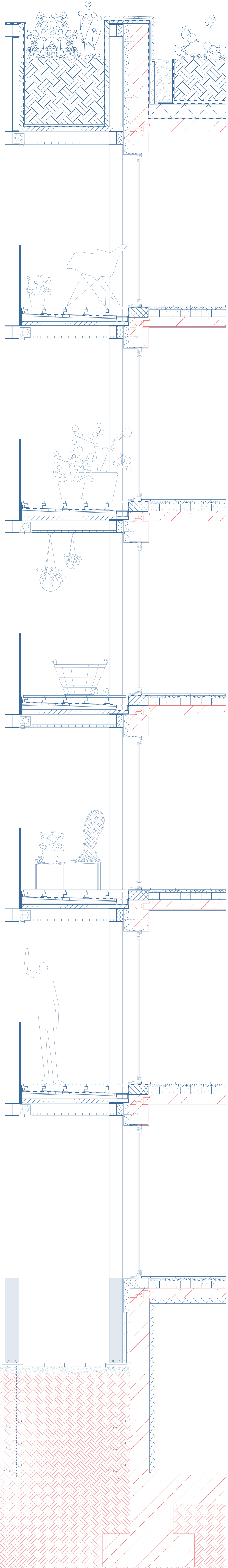


**VERTICAL SECTIONS AND ELEVATION 1:20**



**Roof (1):**  
 native vegetation  
 200mm growth substrate  
 filter fabric  
 30mm drainage layer  
 root barrier  
 multilayered waterproofing sheet  
 200mm rigid insulation  
 vapor barrier  
 150mm concrete prefabricated slab (existing)

**Roof (2):**  
 terrace decking  
 support beams  
 deck supports  
 steel leveling spindles  
 multilayered waterproofing sheet  
 30 mm slope cement (existing)  
 150mm concrete prefabricated slab (existing)

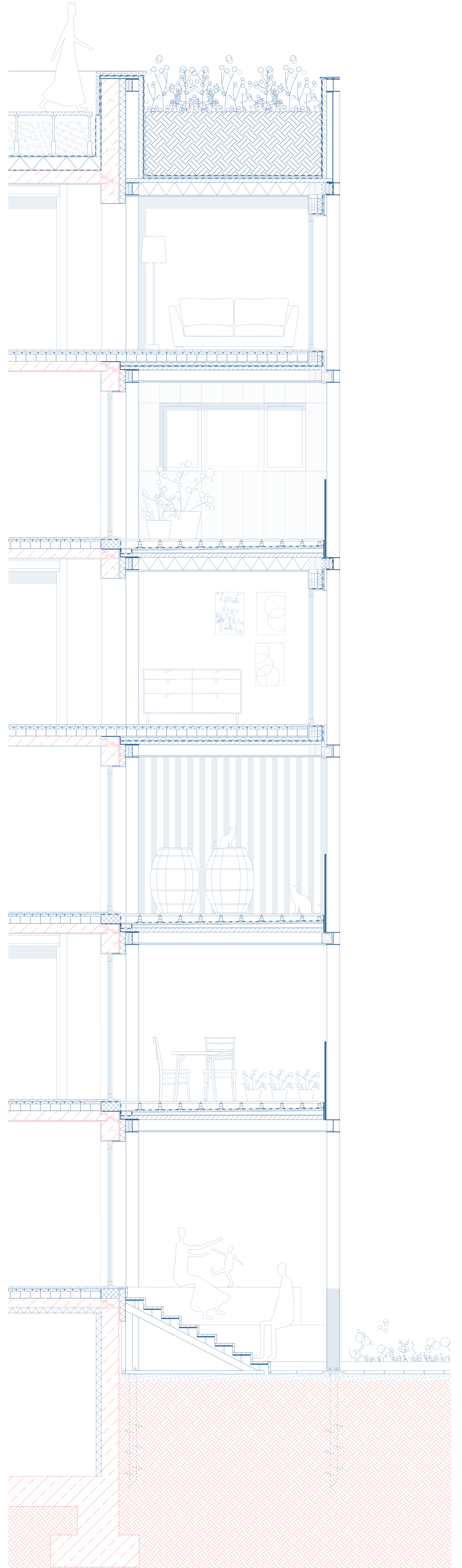
**Facade (1):**  
 mineral plaster coating  
 undercoat layer  
 plaster putty with fibreglass mesh  
 80mm expanded polystyrene insulation  
 adhesive layer  
 undercoat layer  
 limestone concrete coating (existing)  
 260mm concrete prefabricated panels (existing)

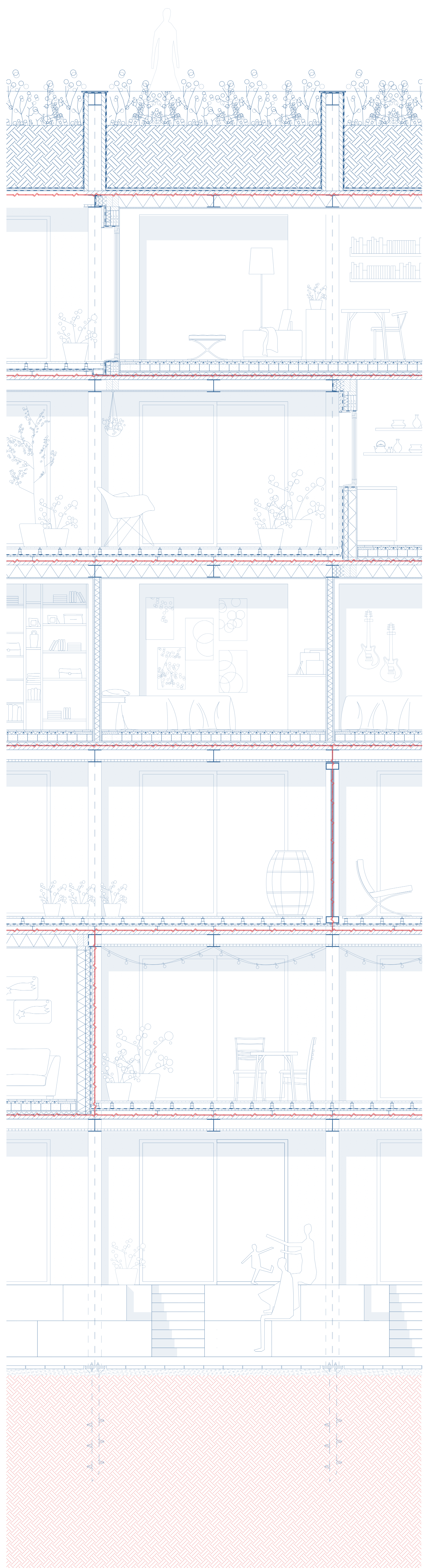
**Facade (2):**  
 30mm recycled concrete tiles, invisibly attached  
 by undercut anchors  
 30mm underconstruction  
 breather membrane  
 15mm medium density fibreboard panel  
 60/60mm untreated spruce structural timber  
 60mm insulation from cellulose fibres  
 5mm fibreboard  
 60/120mm untreated KVH solid timber framing  
 120mm insulation from cellulose fibres  
 15mm plywood

**Interior walls:**  
 18mm plywood  
 12mm oriented strand board panels  
 70/30mm timber construction  
 12mm oriented strand board panels  
 18mm plywood

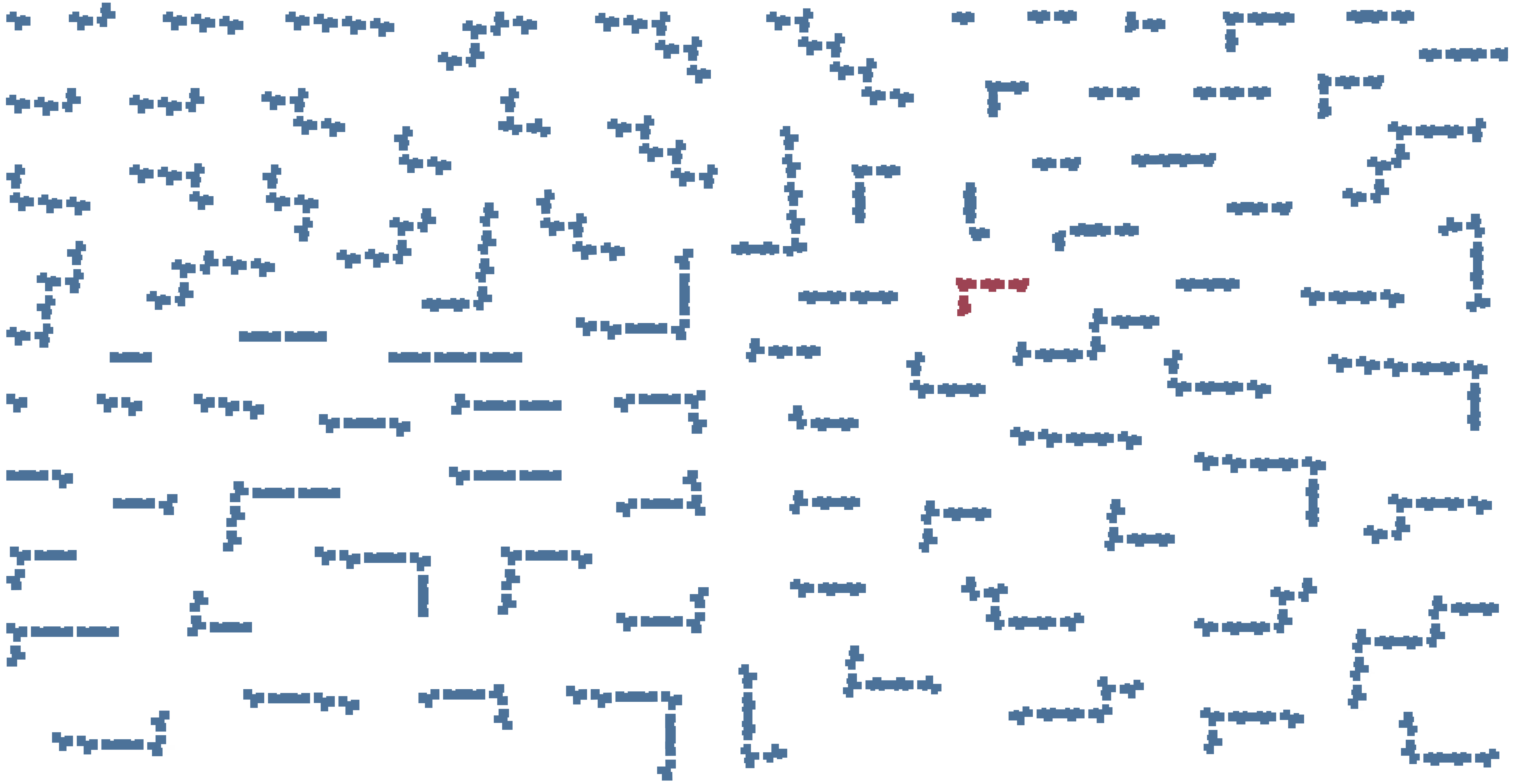
**Floor (indoor):**  
 laminate flooring  
 underfloor heating system  
 aluminium heat conduction sheets  
 40mm wood-fibre insulation boards for pipe  
 laying and leveling  
 100mm recycled cardboard honeycomb with perlite  
 infill as sound and thermal insulation  
 3mm greyboard as trickle protection  
 140mm concrete prefabricated slab (existing)

**Floor (indoor-outdoor):**  
 laminate flooring  
 underfloor heating system  
 aluminium heat conduction sheets  
 40mm wood-fibre insulation boards for pipe  
 laying and leveling  
 100mm recycled cardboard honeycomb with perlite  
 infill as sound and thermal insulation  
 3mm greyboard as trickle protection  
 18mm medium density fibreboard panel  
 50mm expanded polystyrene insulation  
 breather membrane  
 57mm cross-laminated timber panel, three-ply





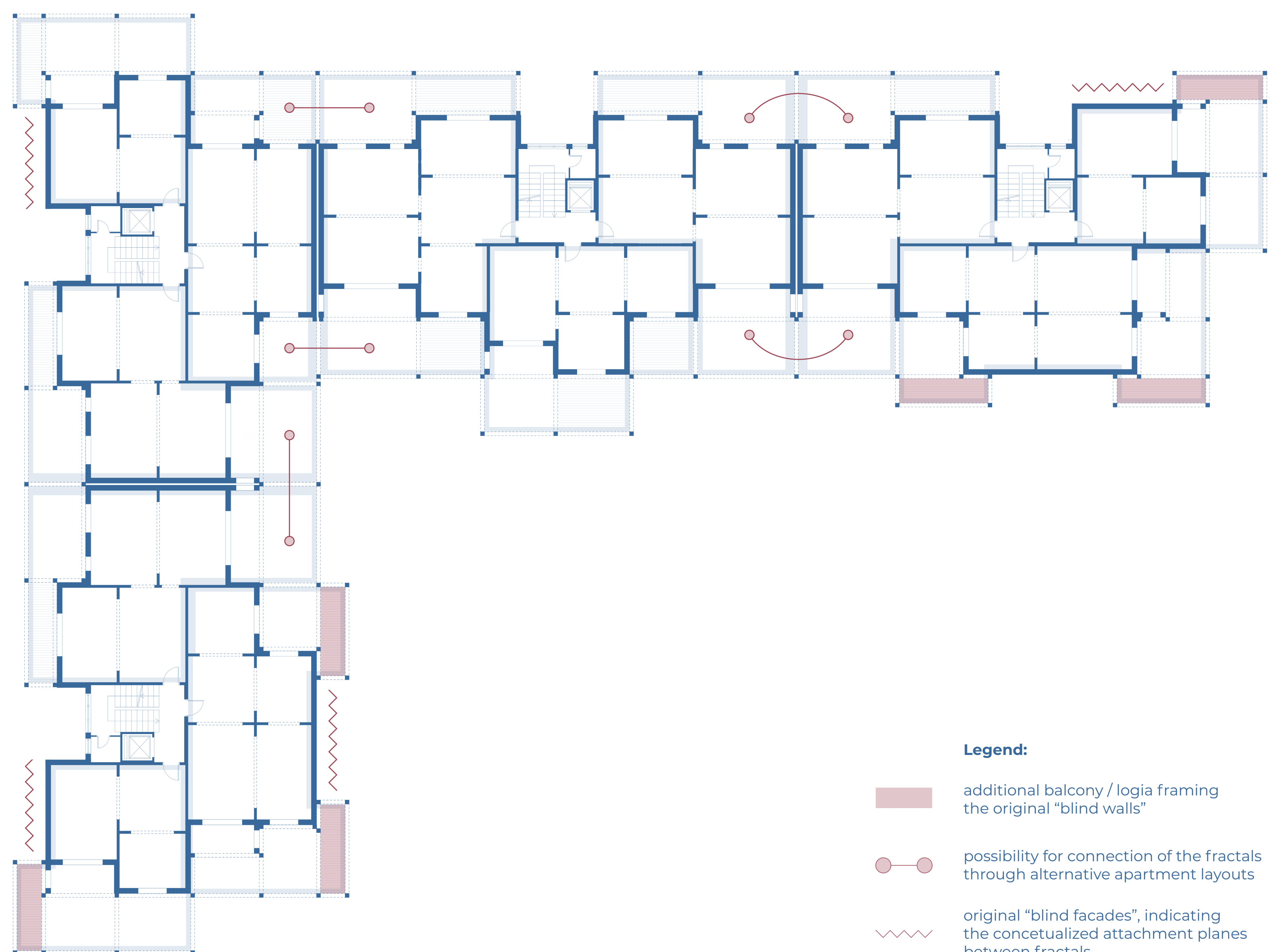
THE 92 CONFIGURATIONS OF TRAKIYA



elevation 1:150



elevation 1:150

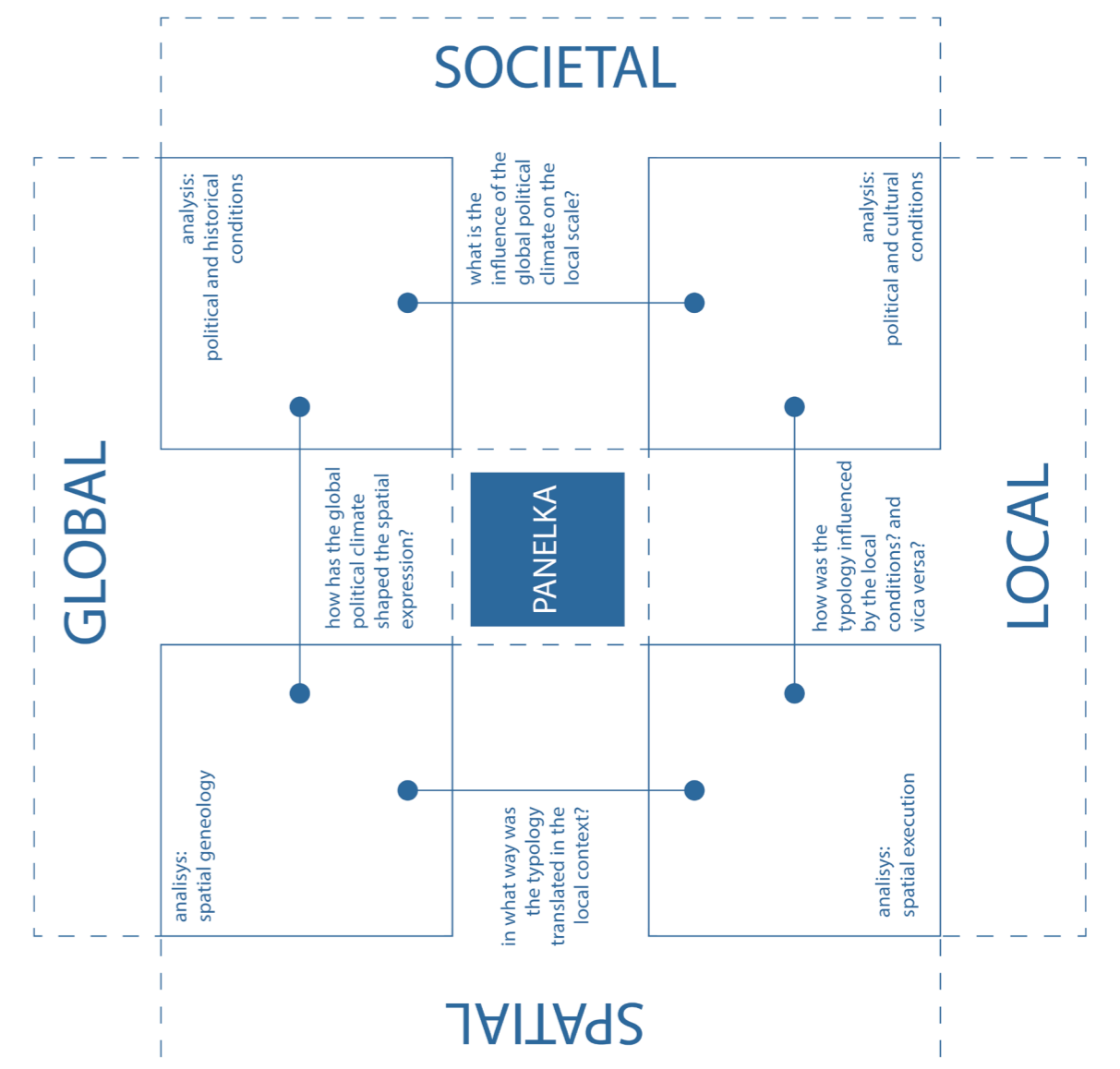
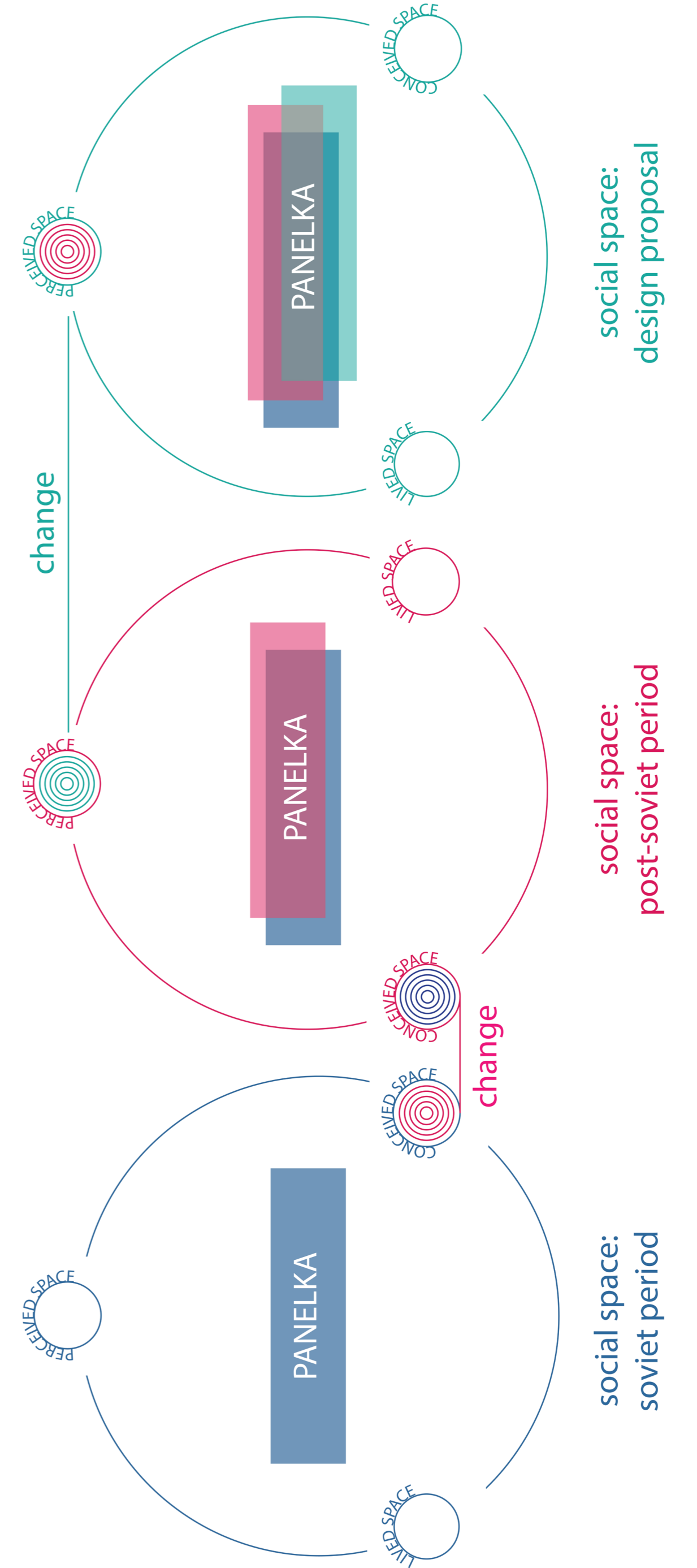
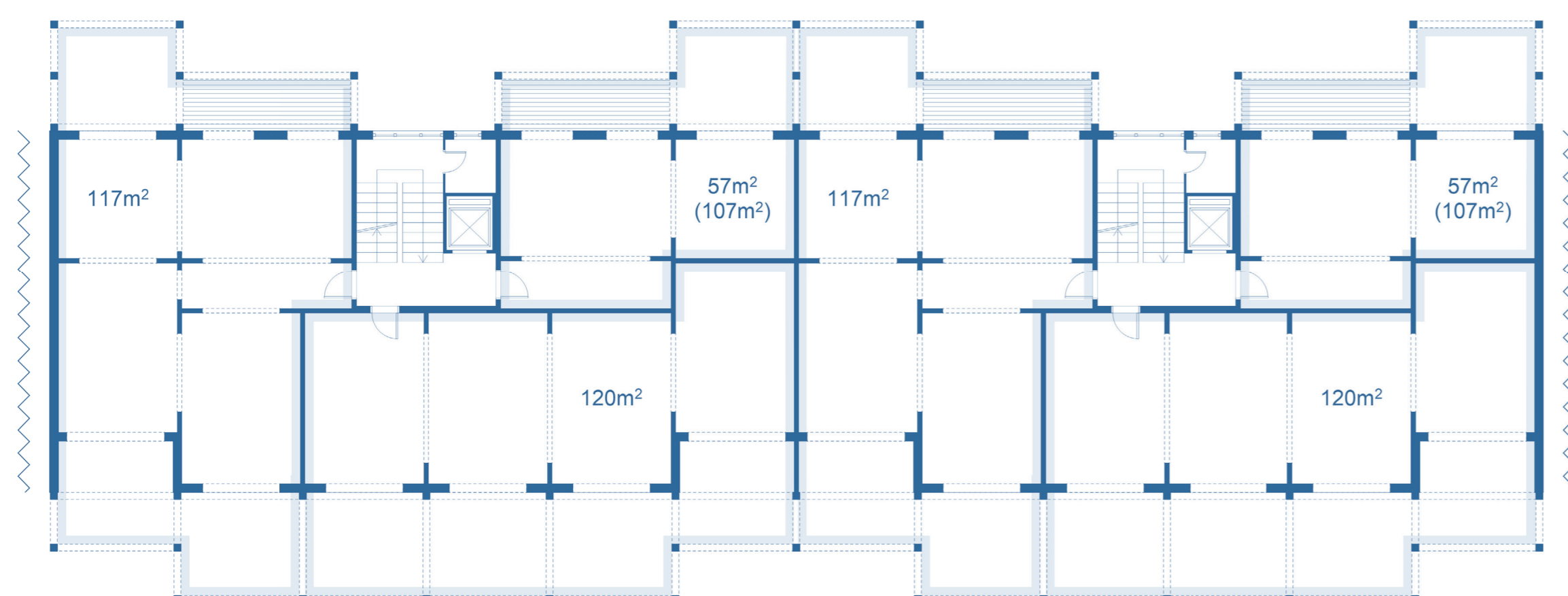
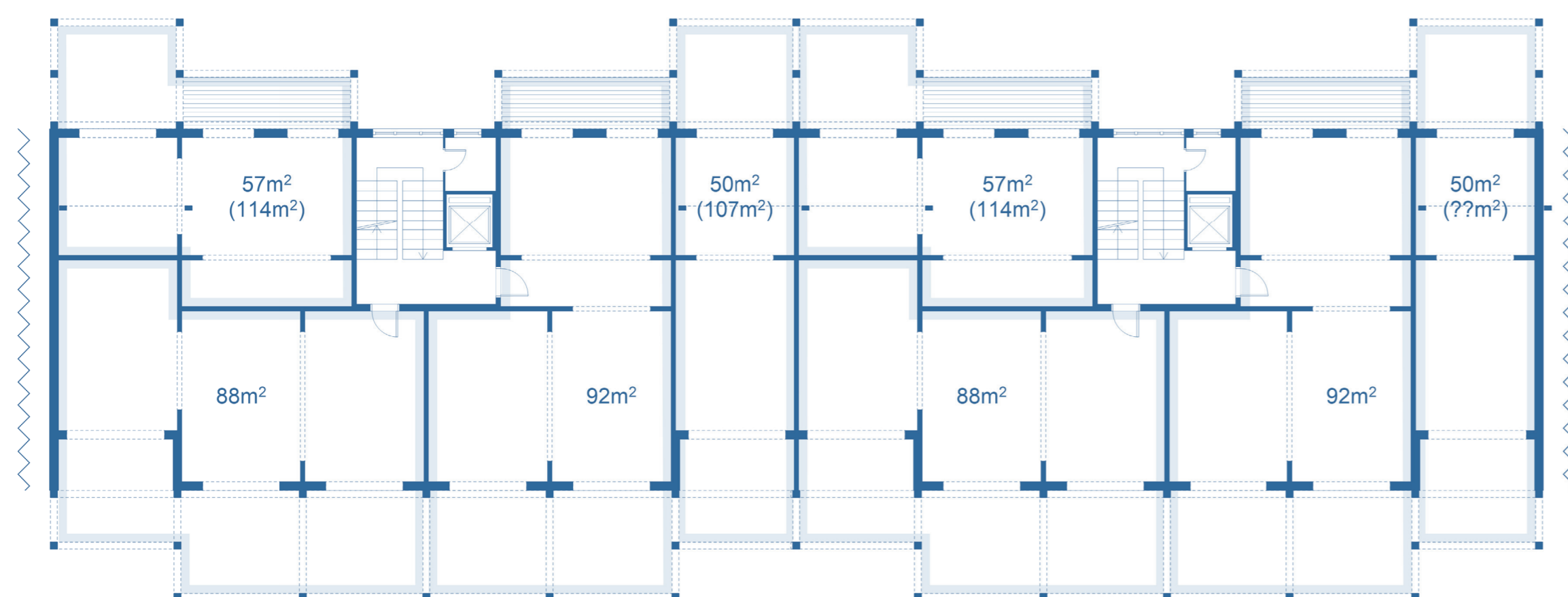
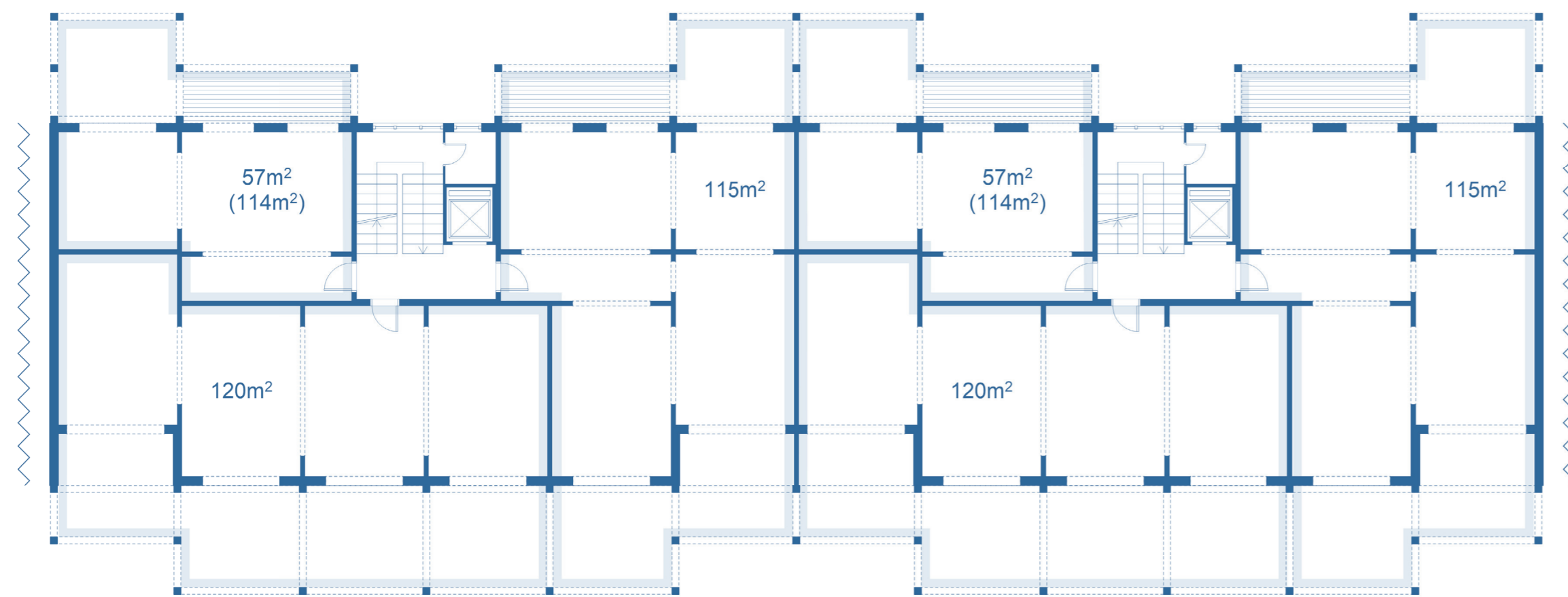
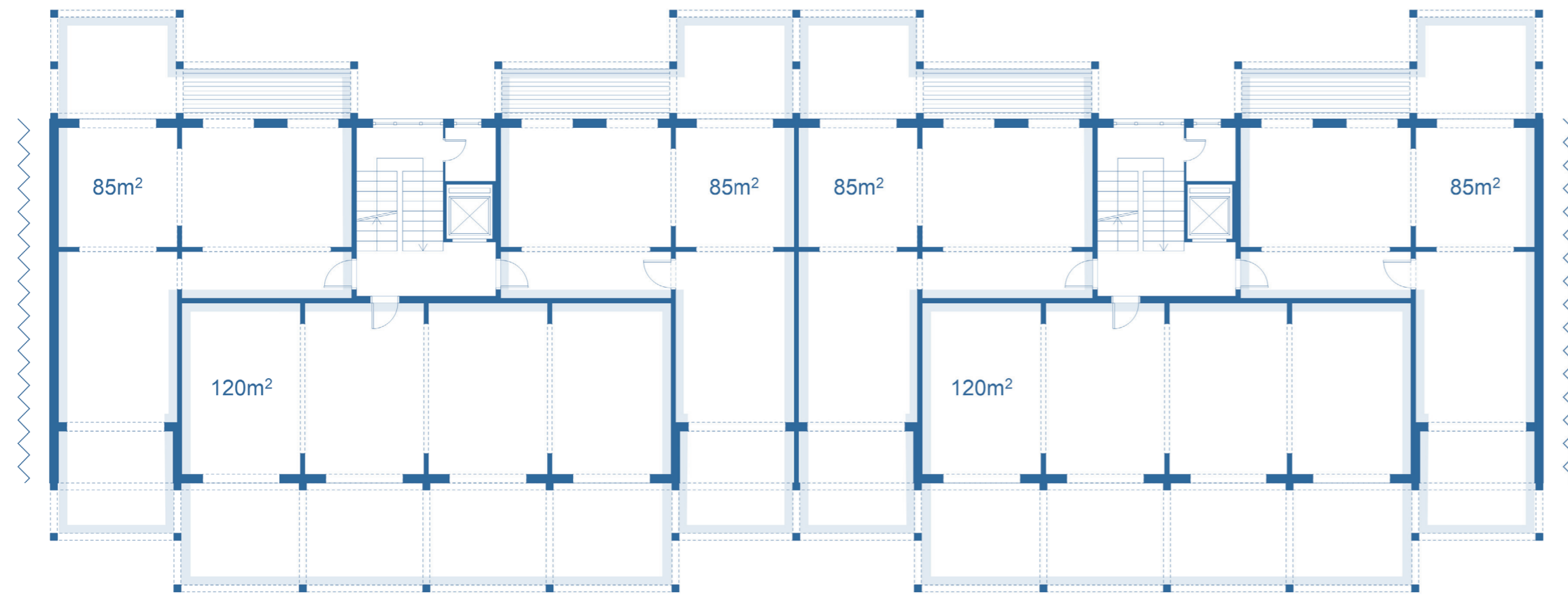
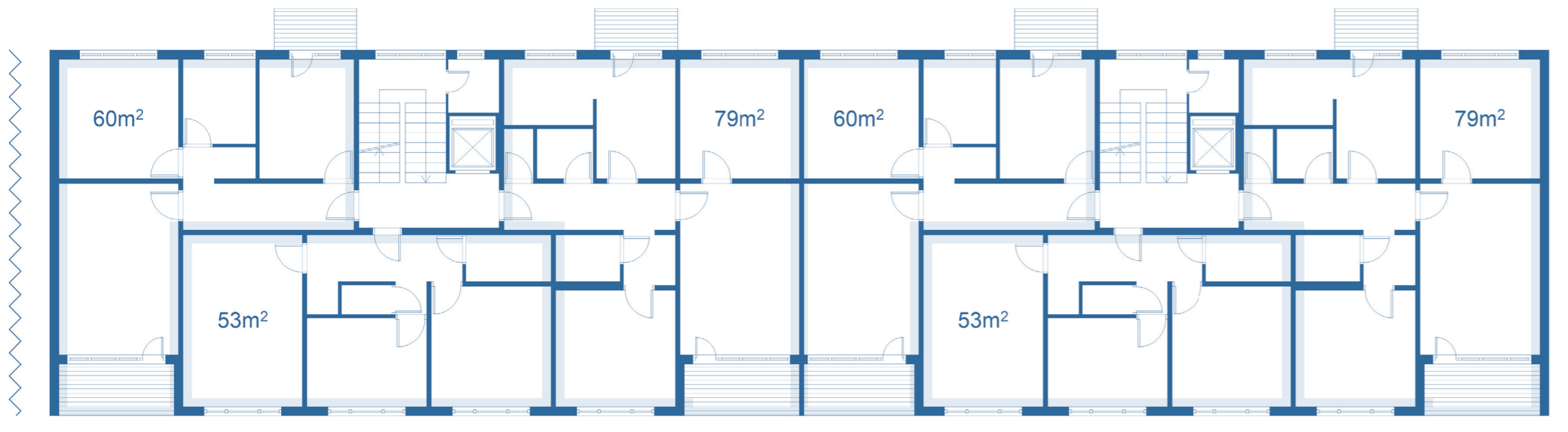


floor plan 1:150

Legend:

- additional balcony / loggia framing the original "blind walls"
- possibility for connection of the fractals through alternative apartment layouts
- original "blind facades", indicating the conceptualized attachment planes between fractals

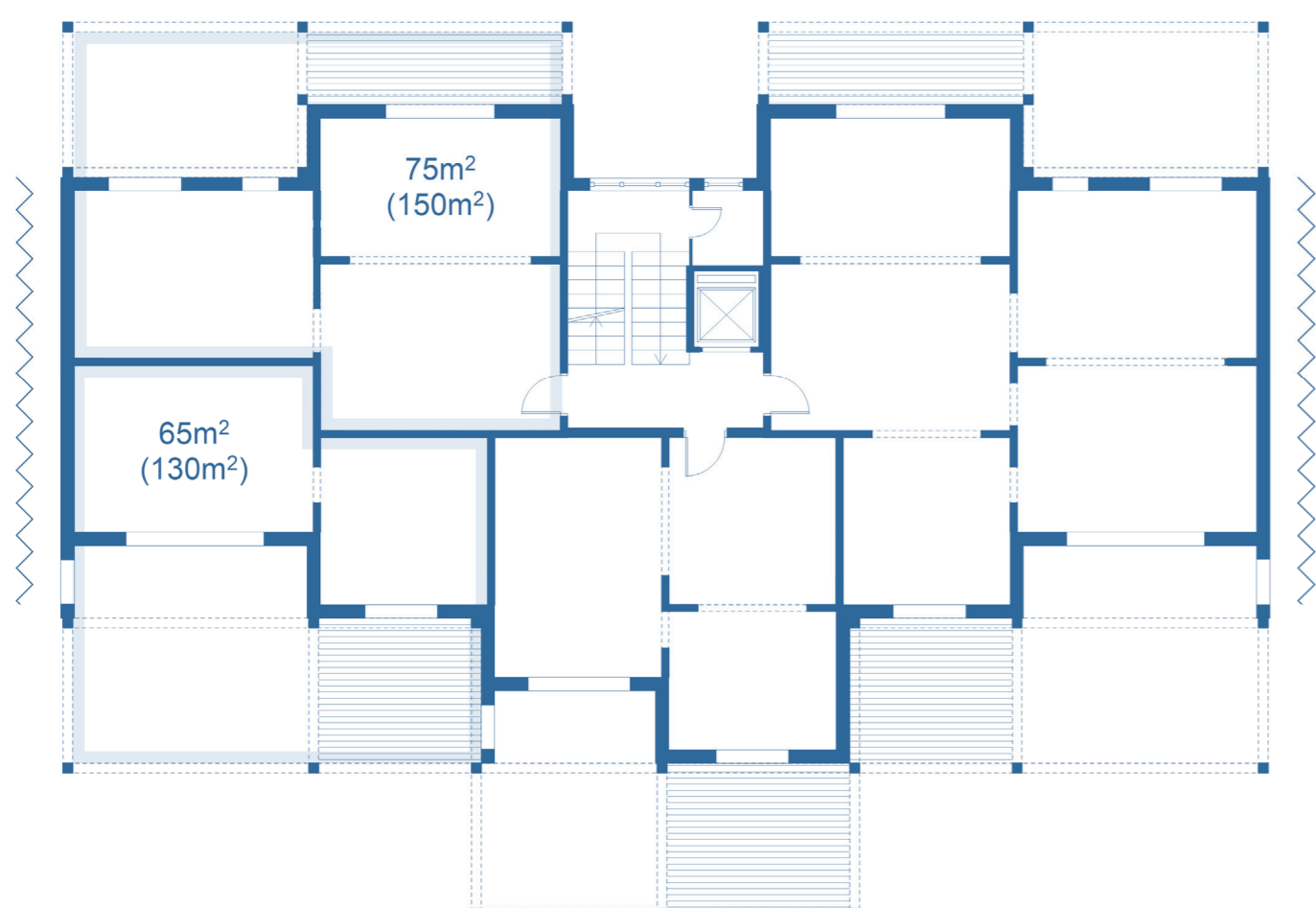
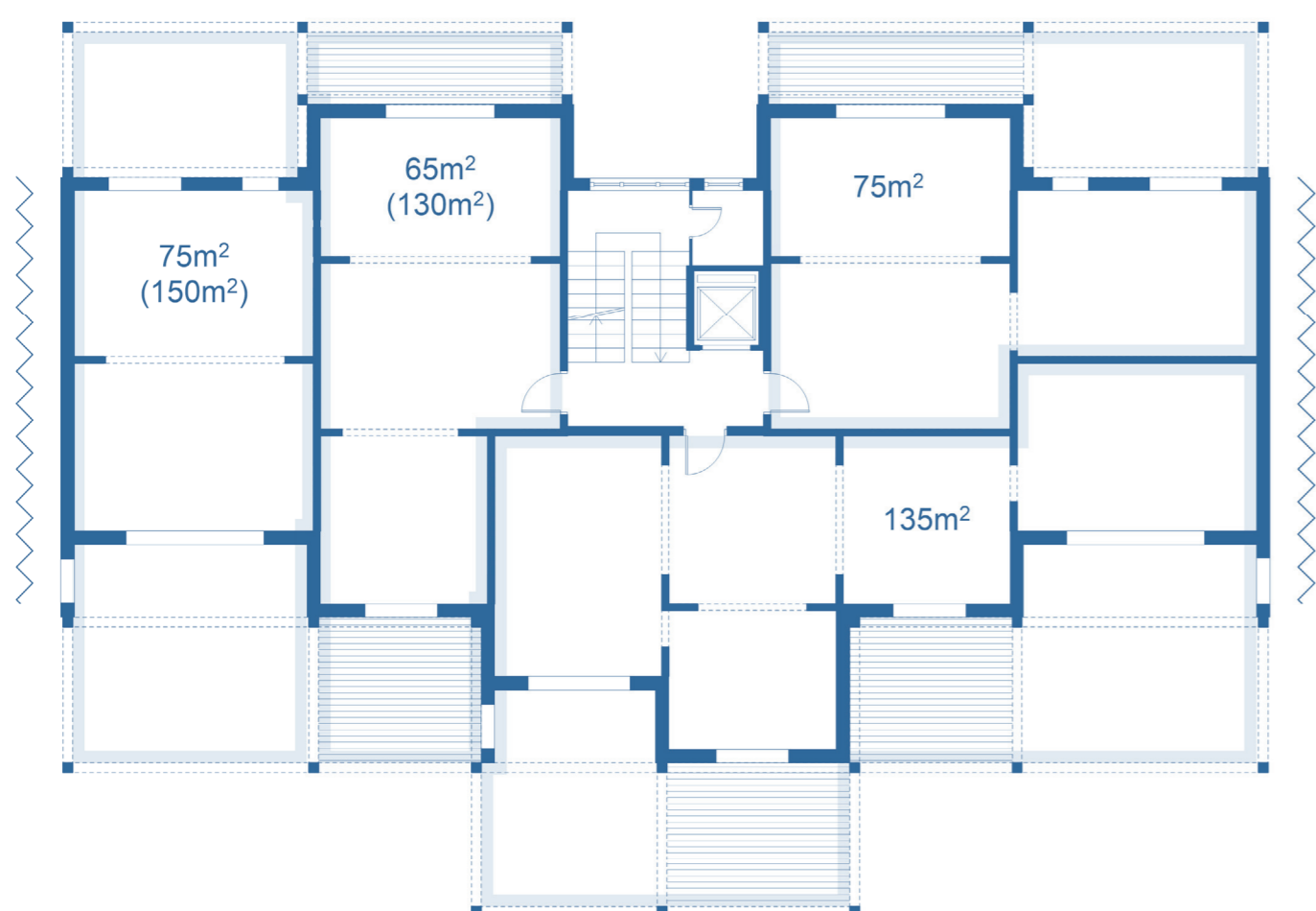
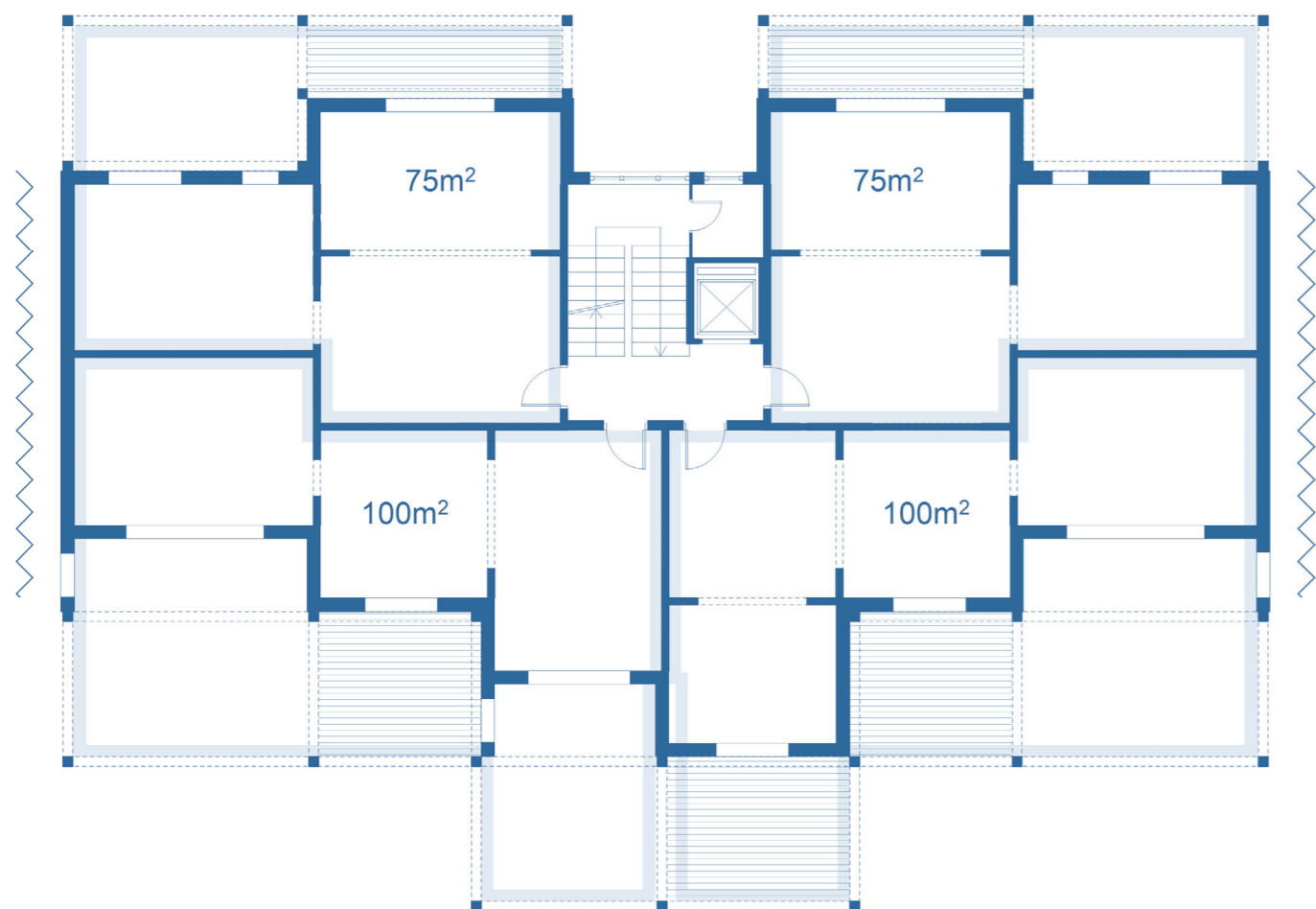
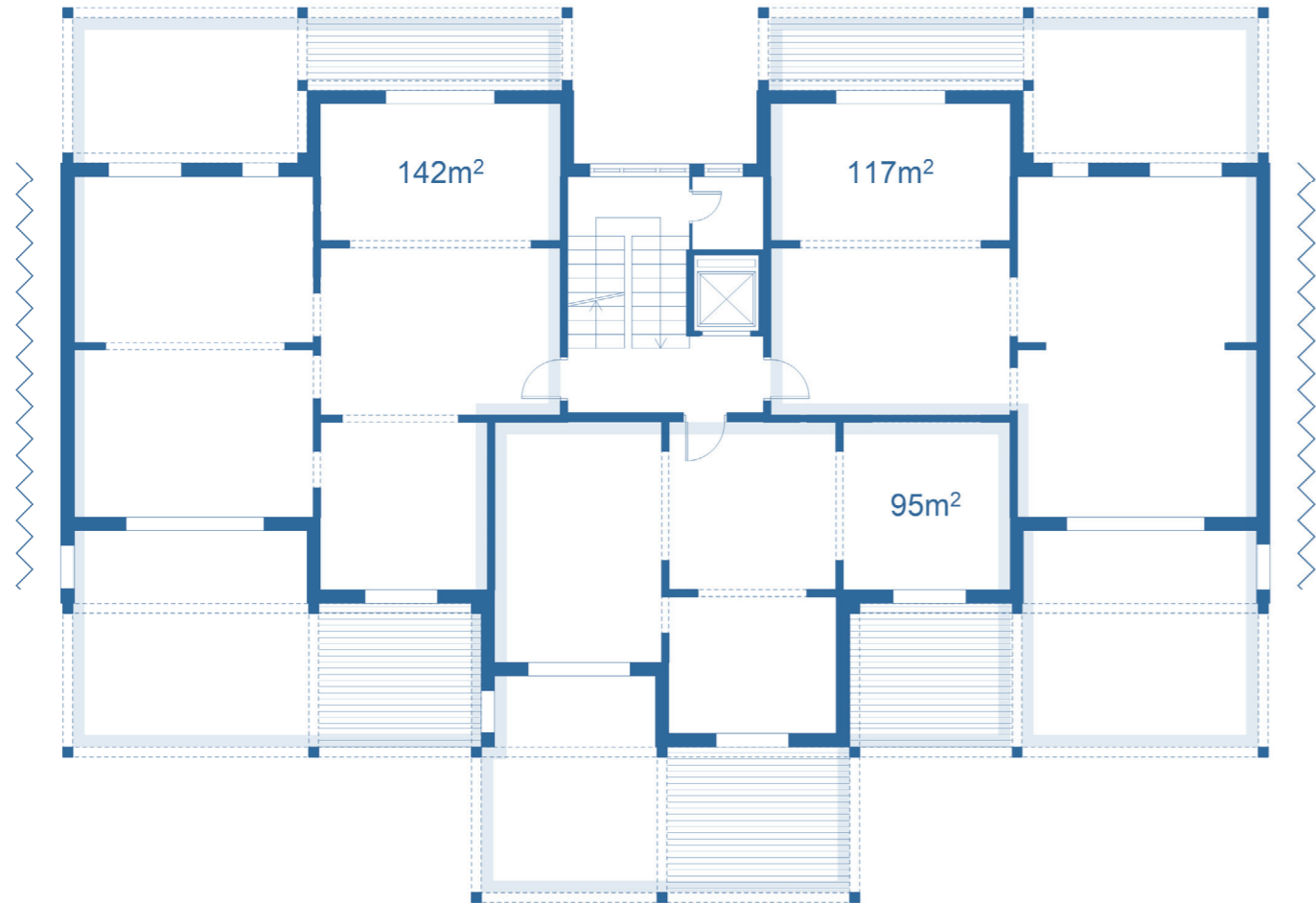
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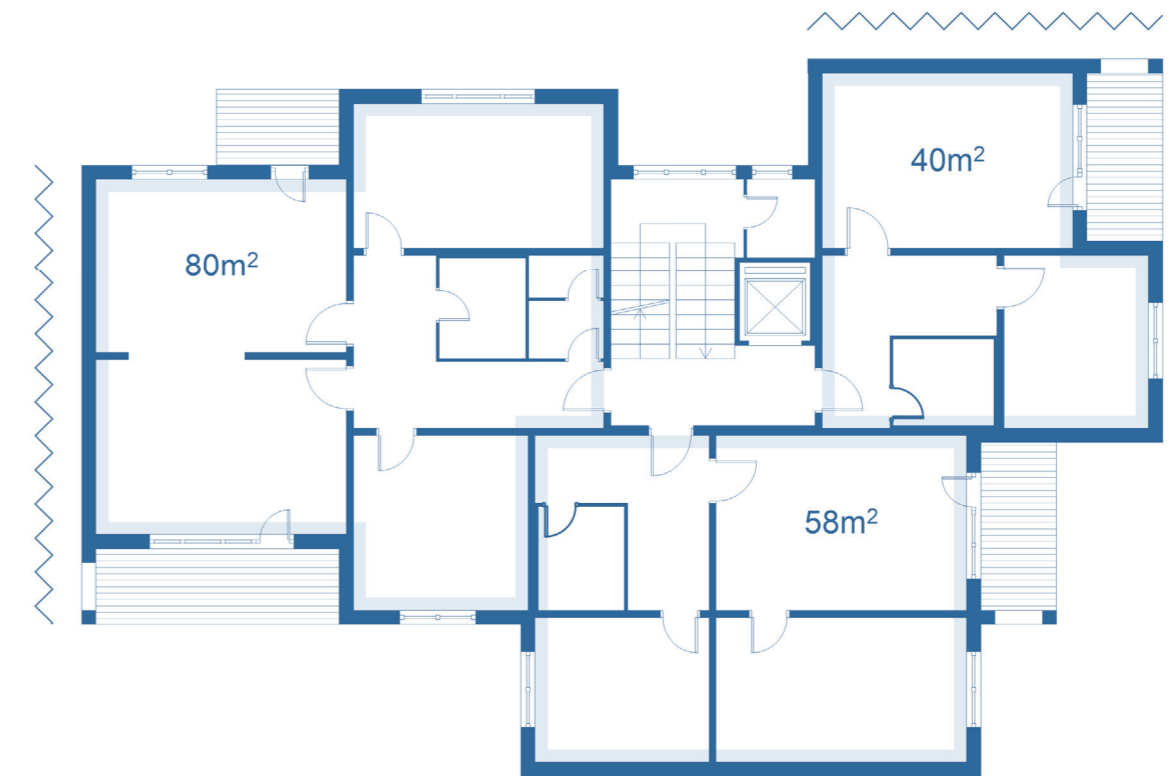
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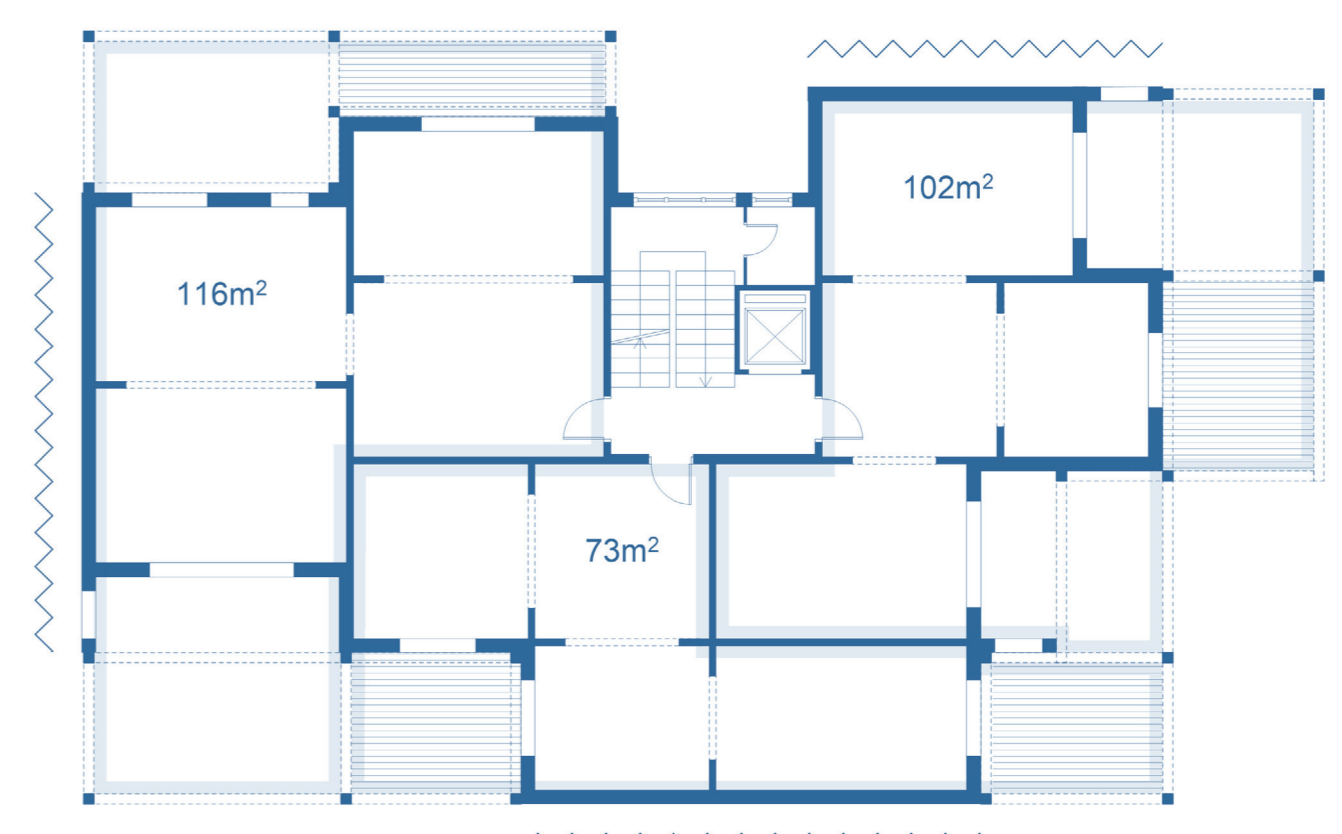
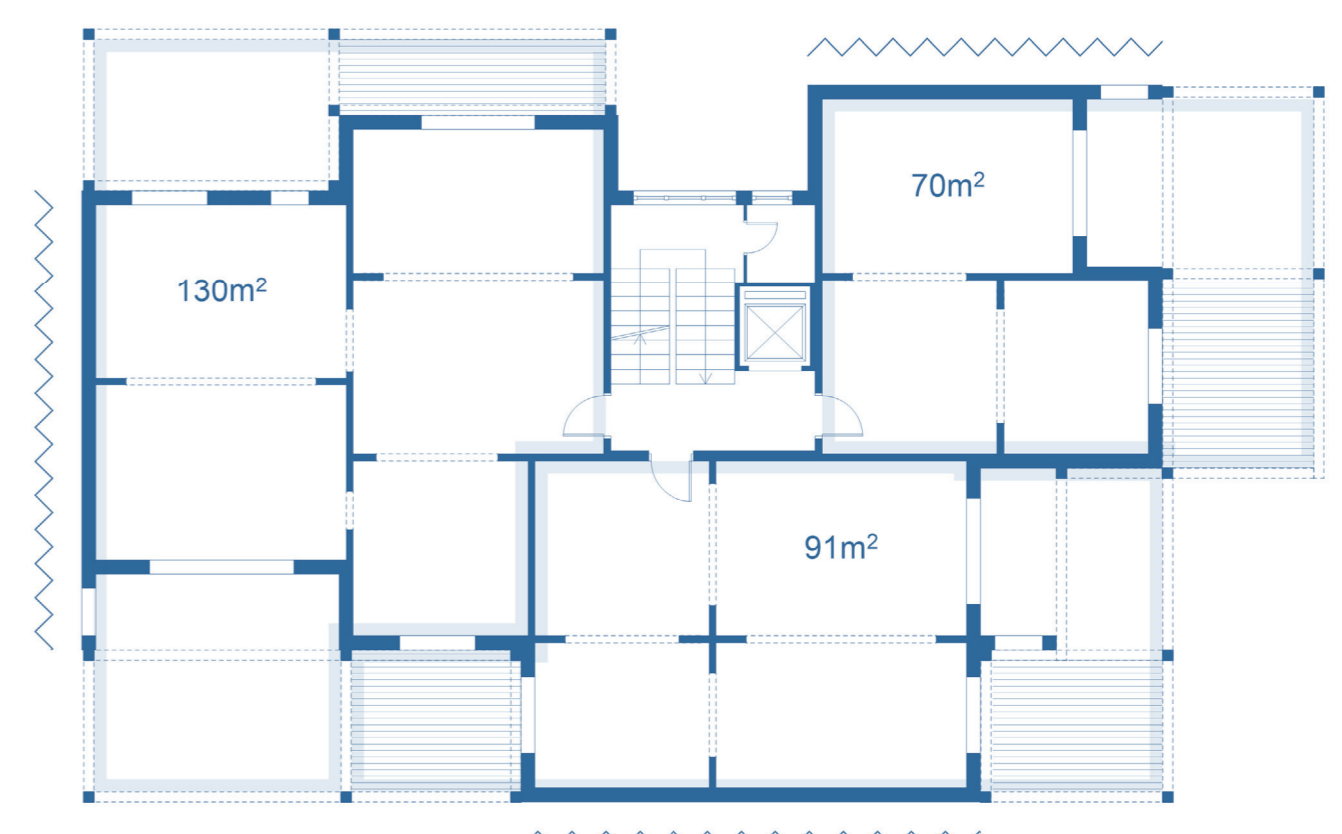
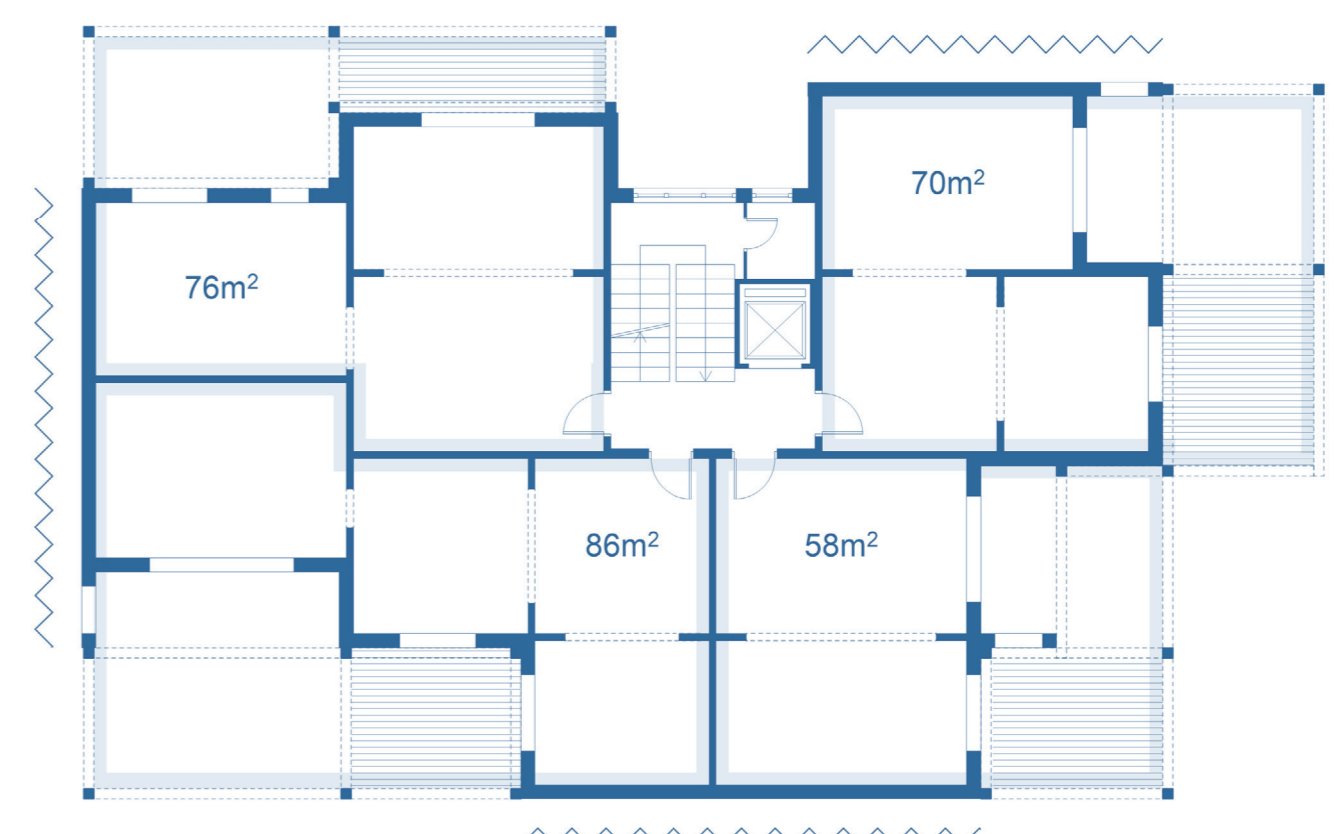
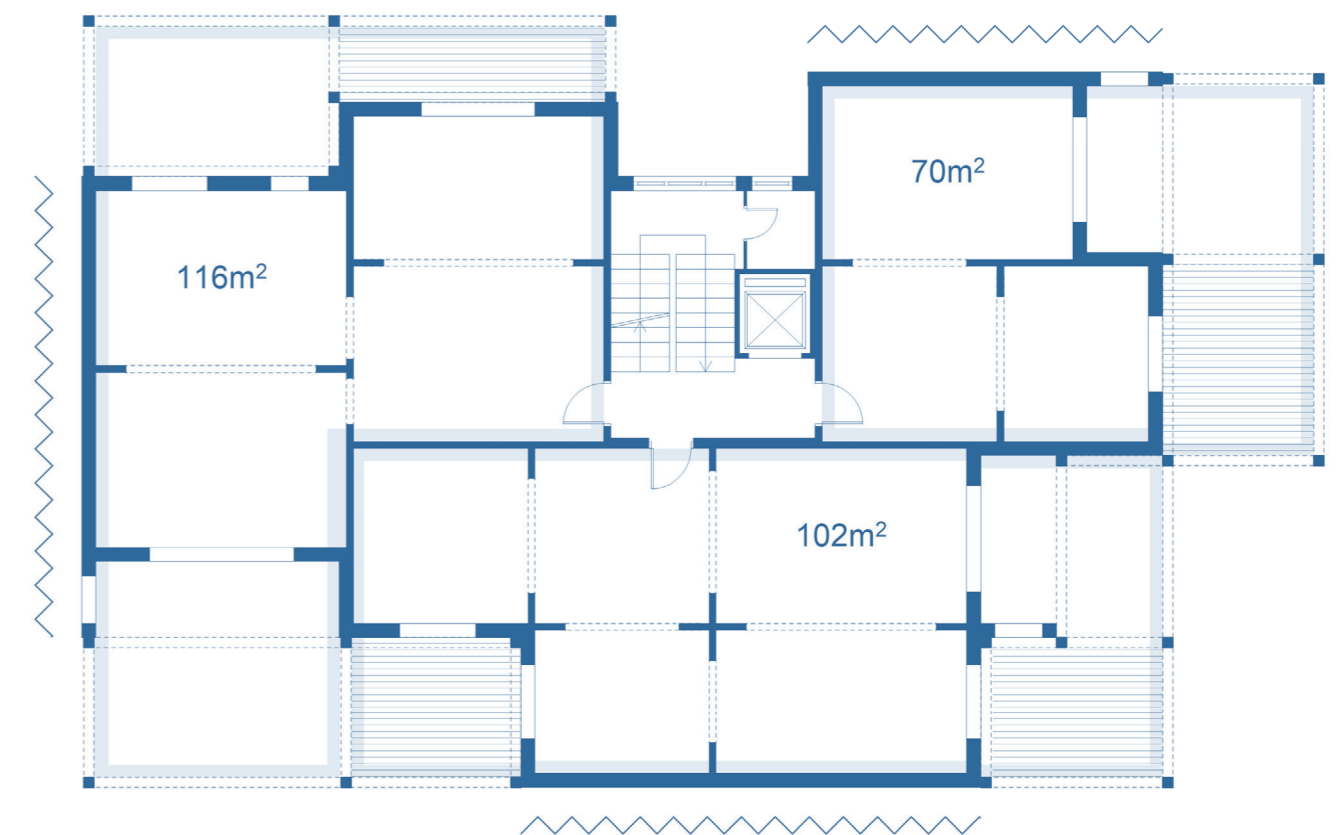
original floorplan 1:150



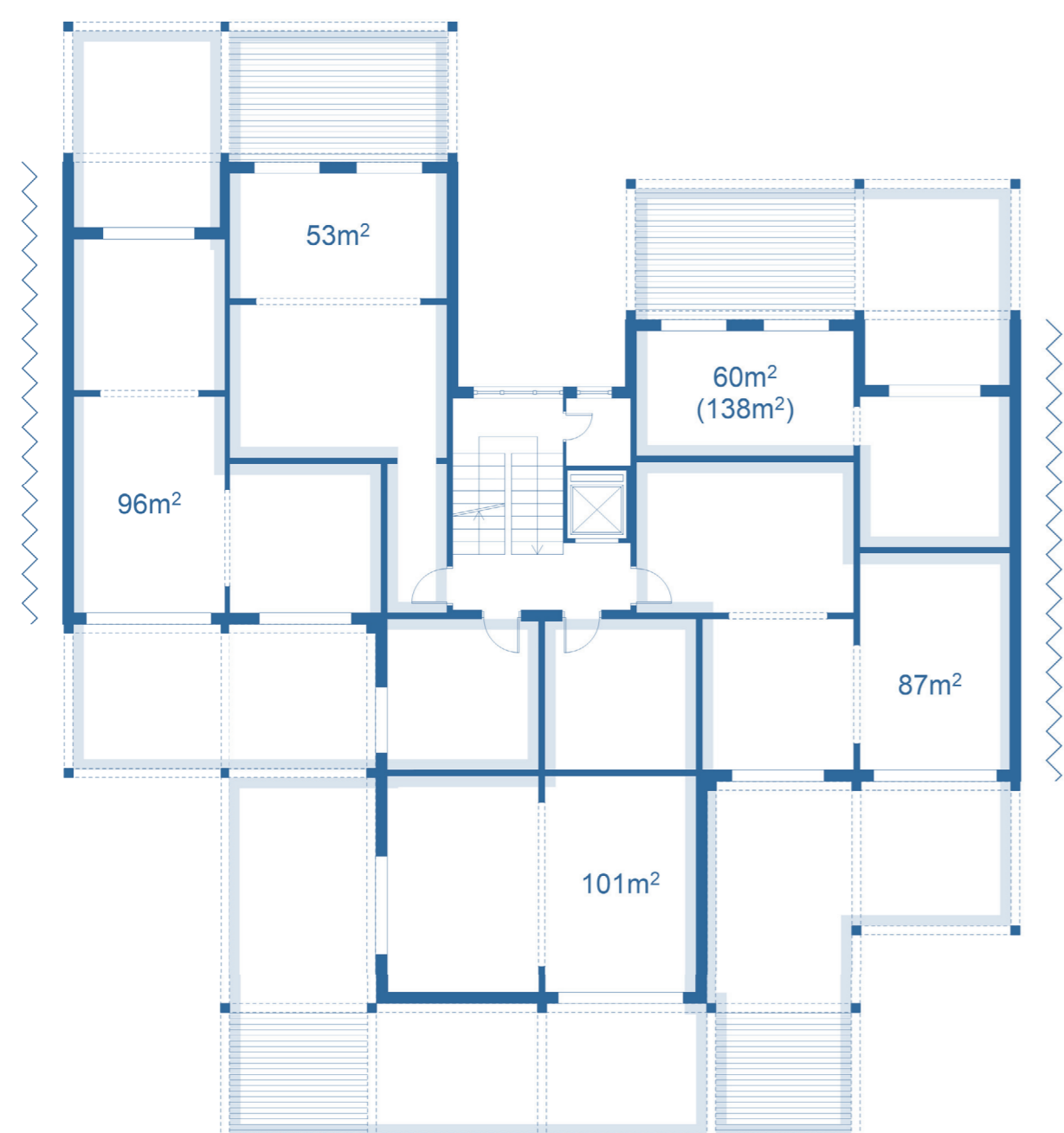
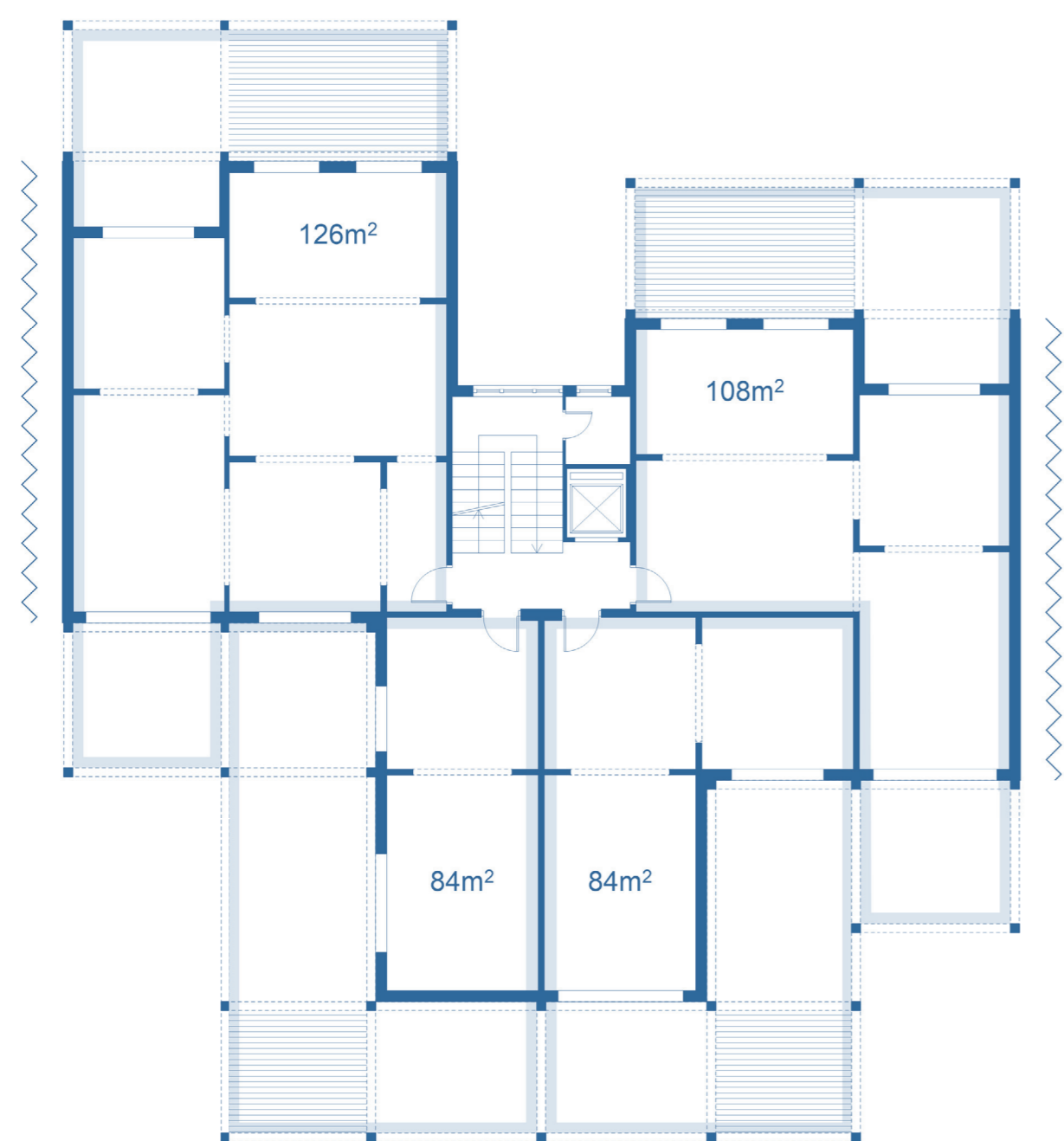
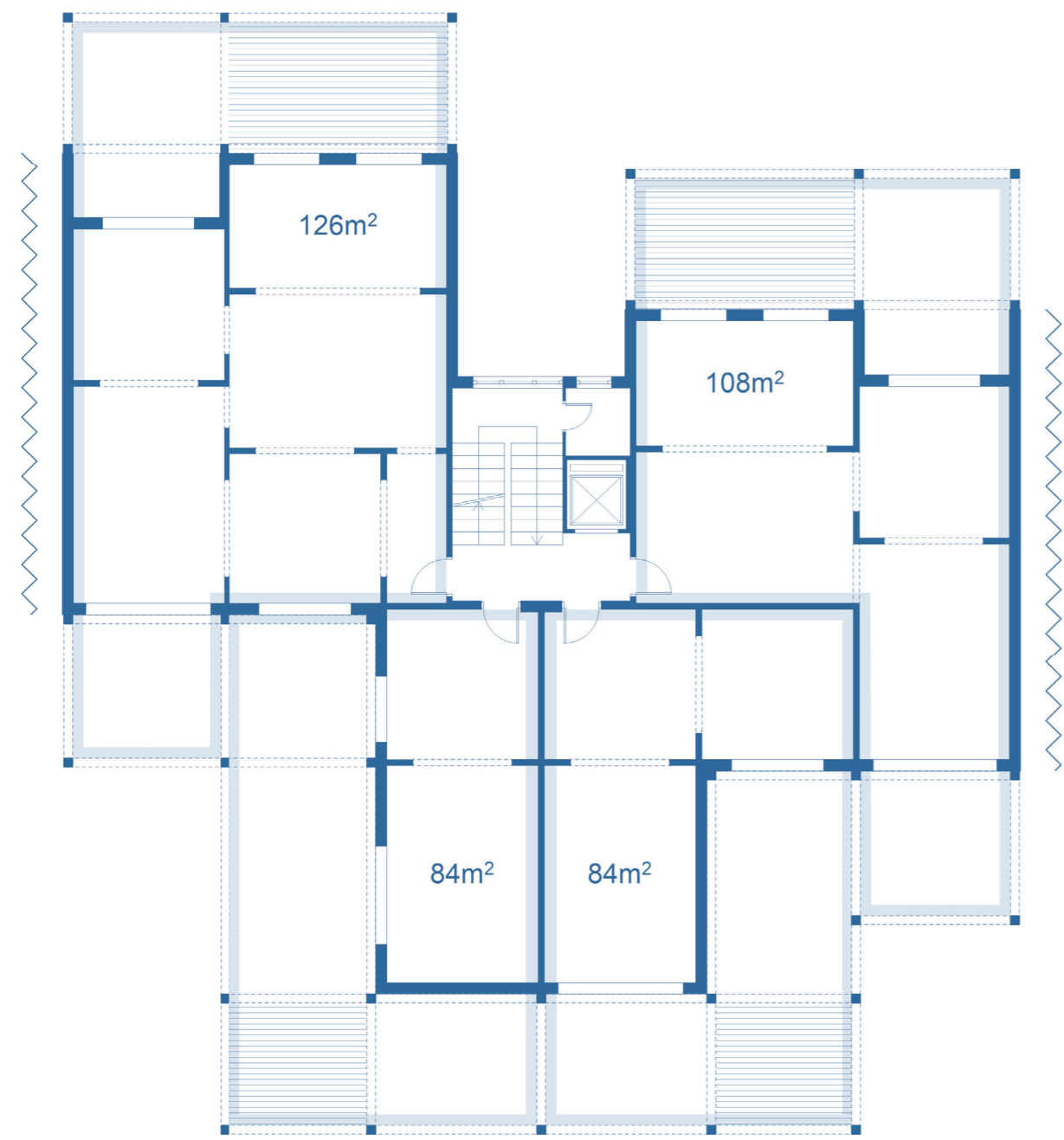
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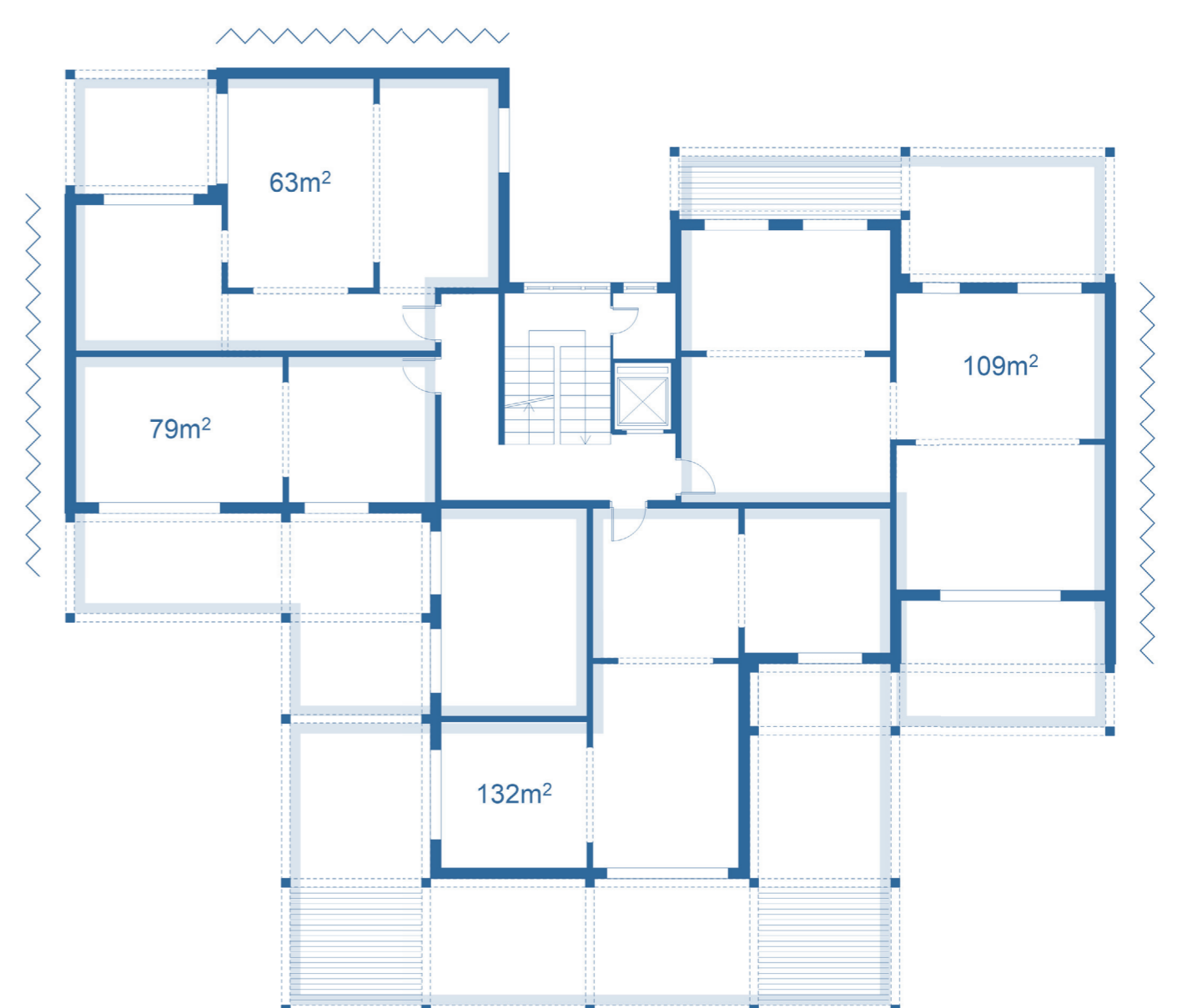
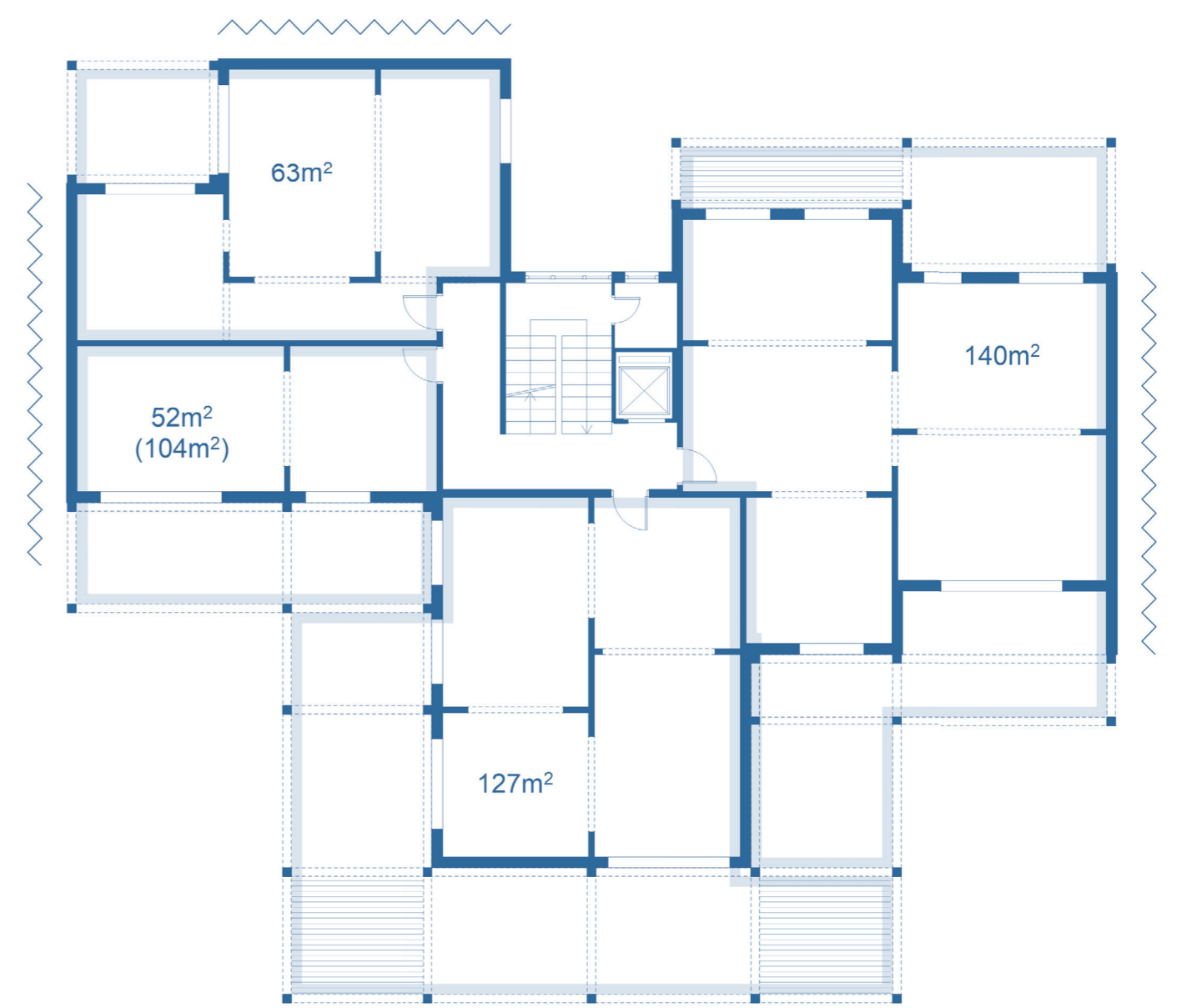
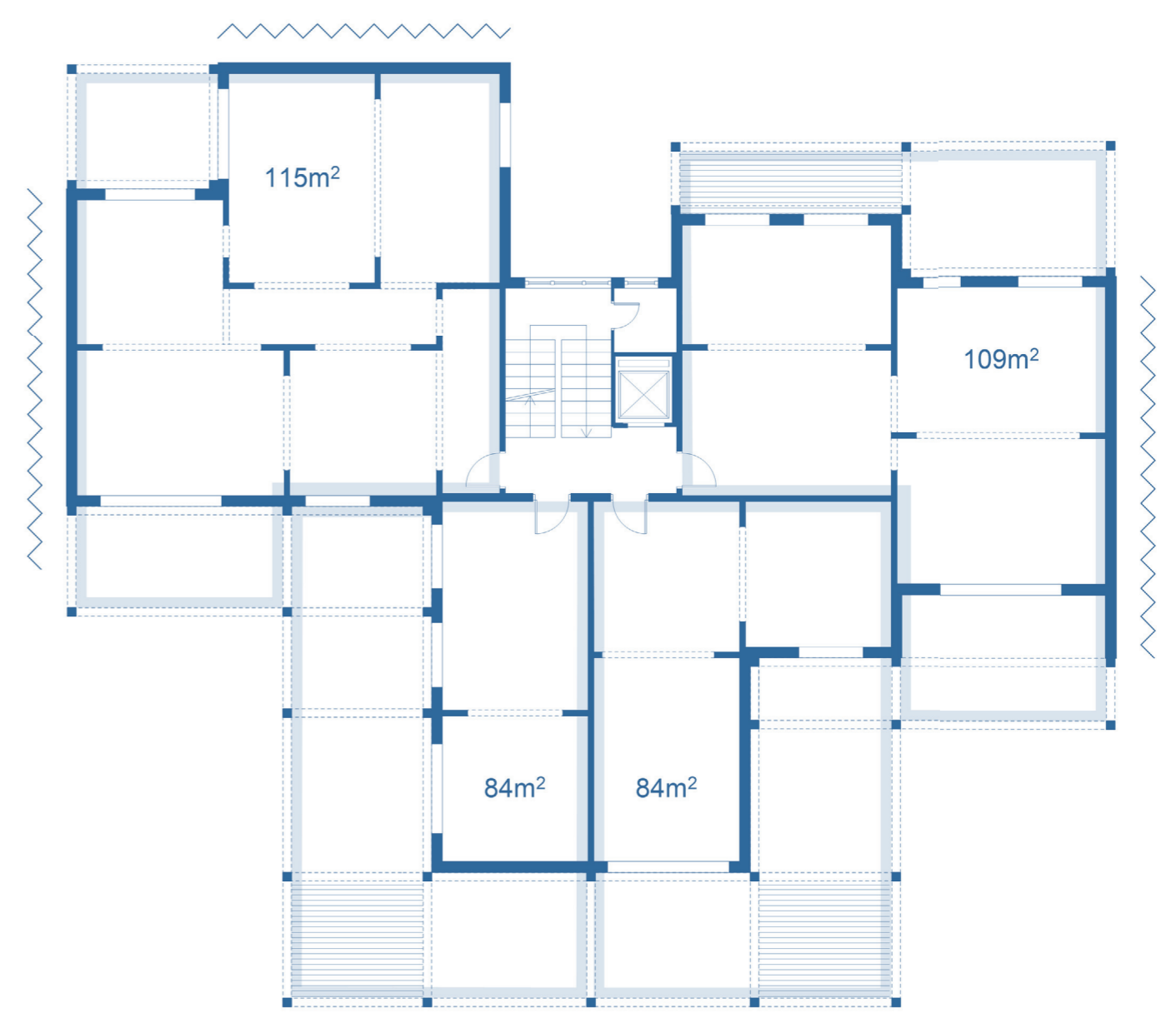
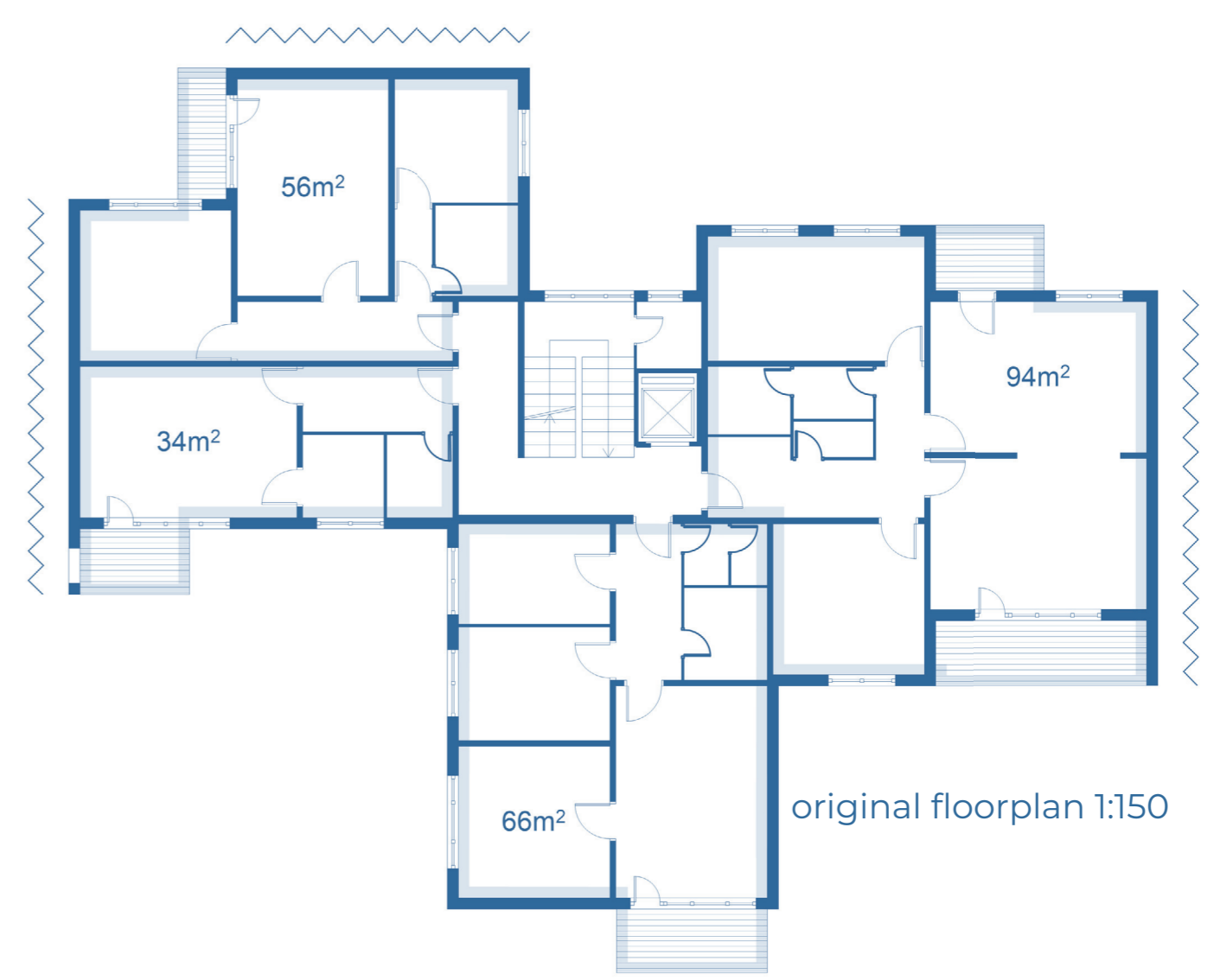
original floorplan 1:150



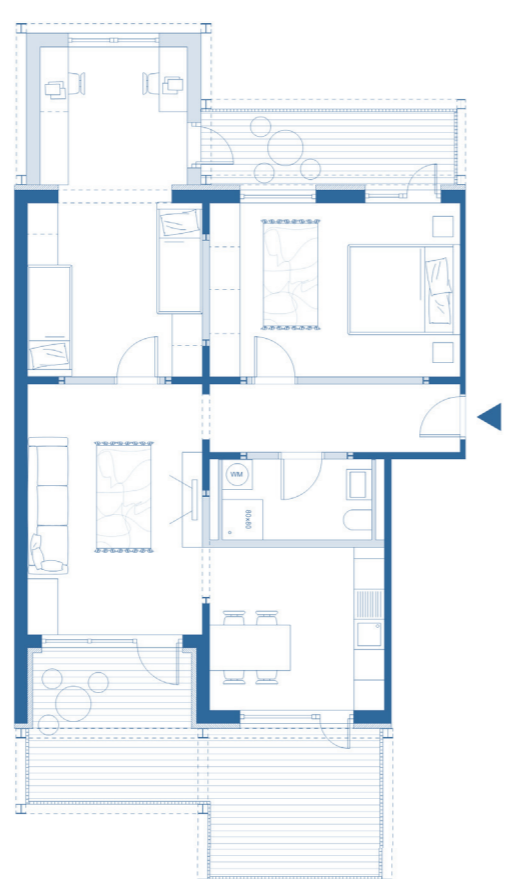
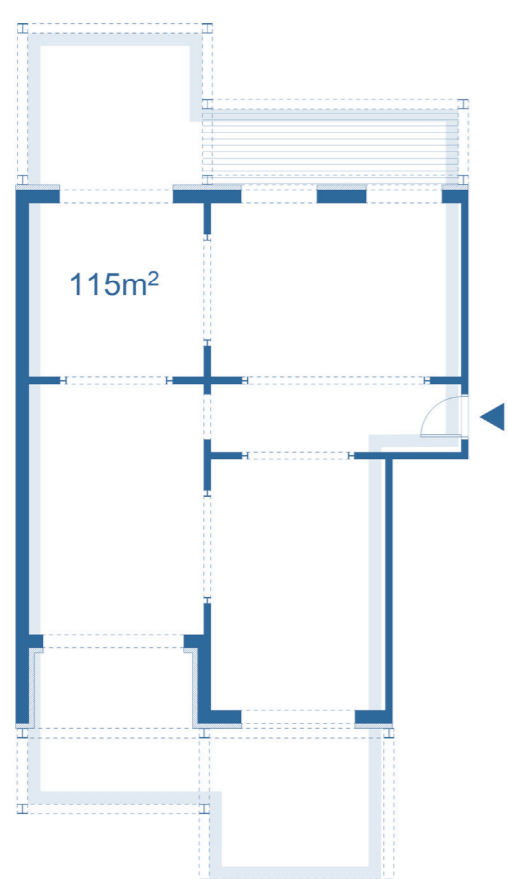
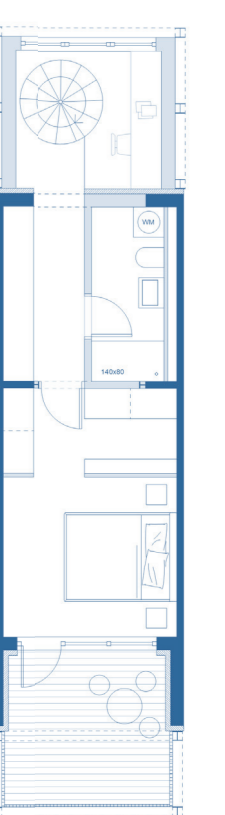
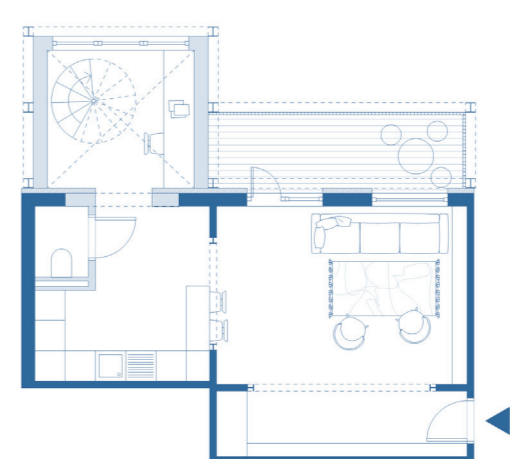
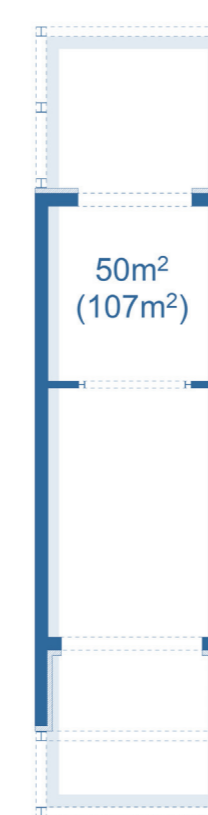
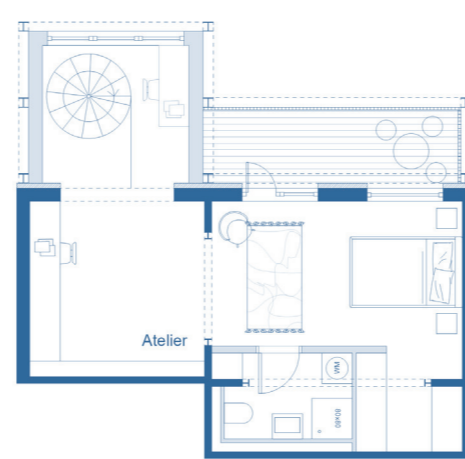
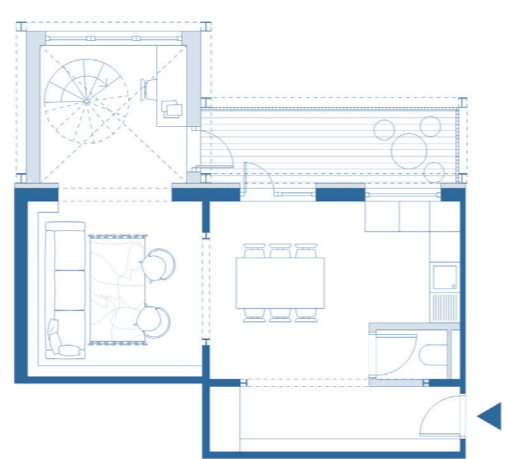
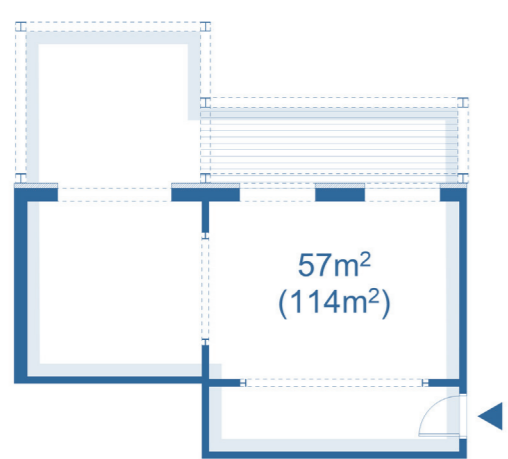
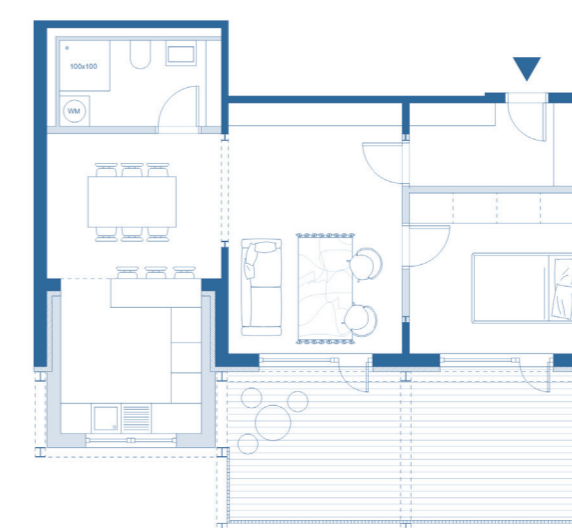
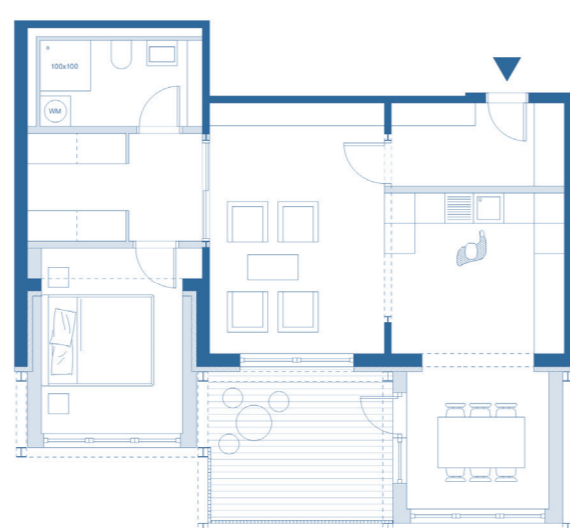
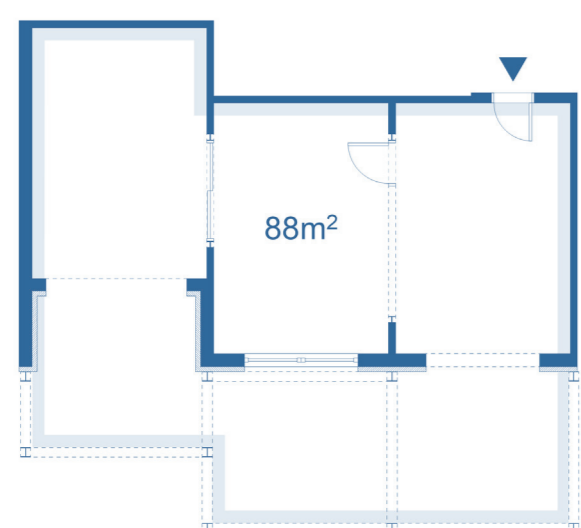
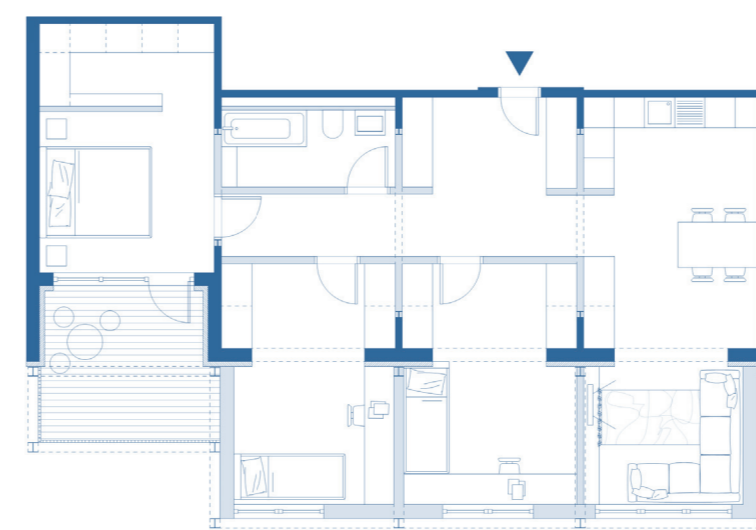
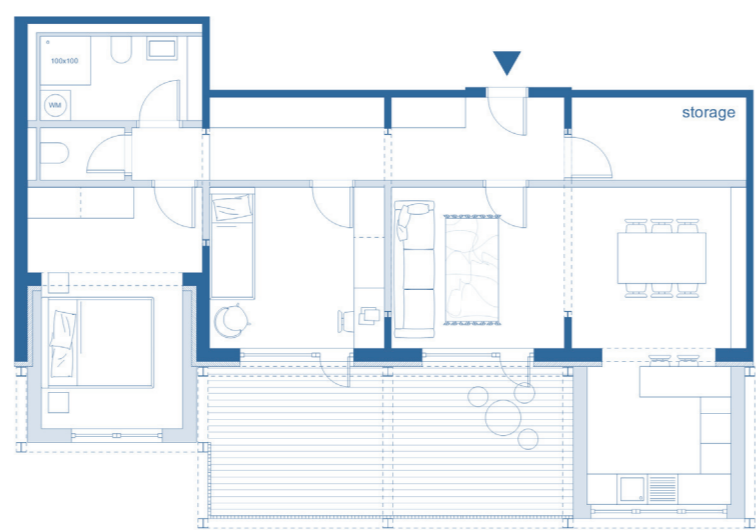
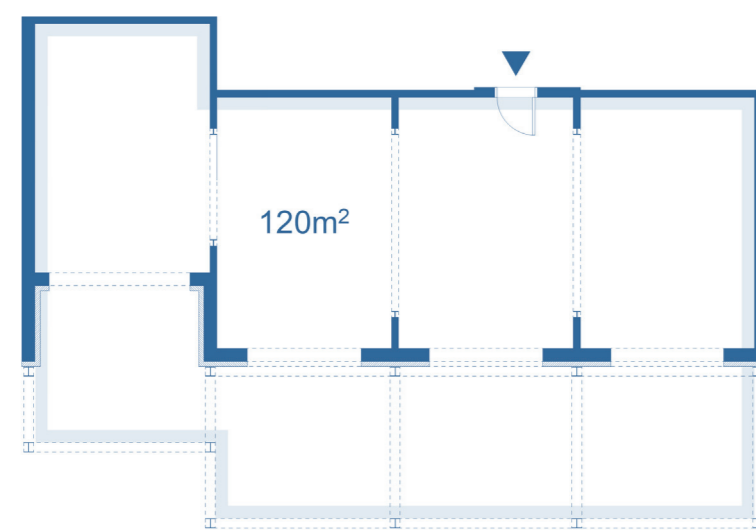
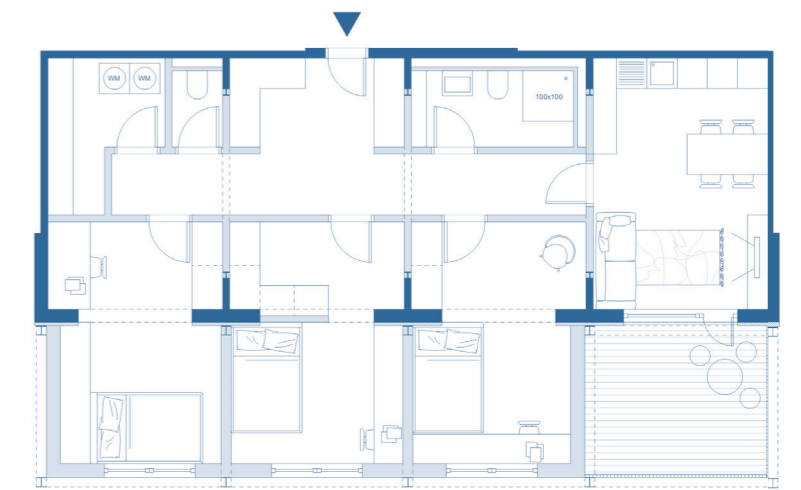
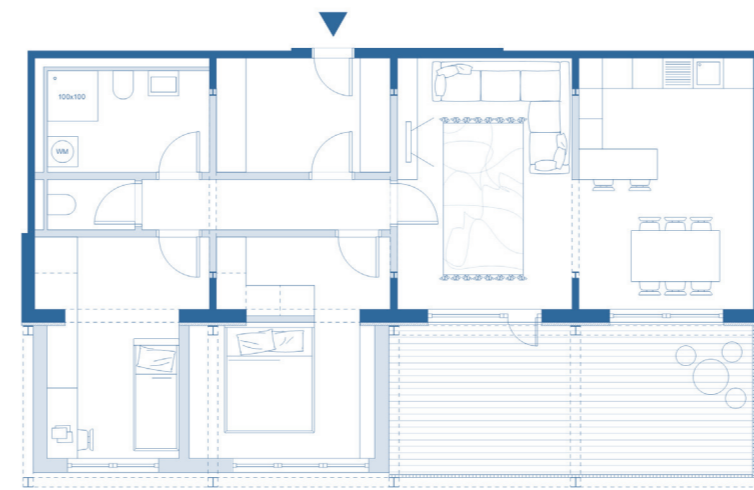
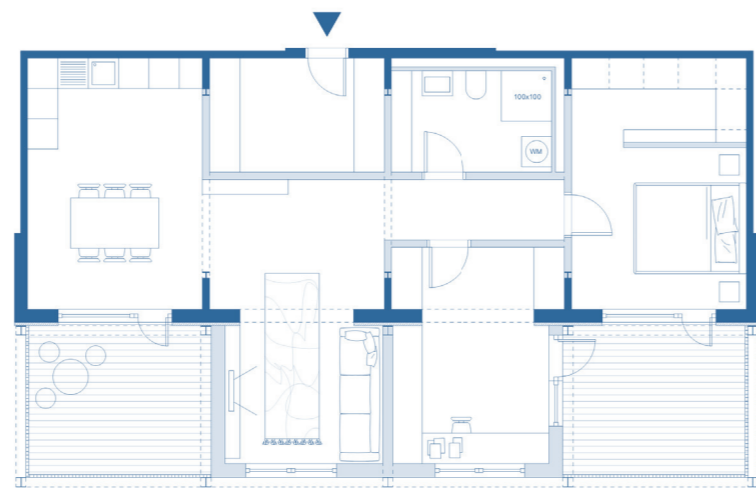
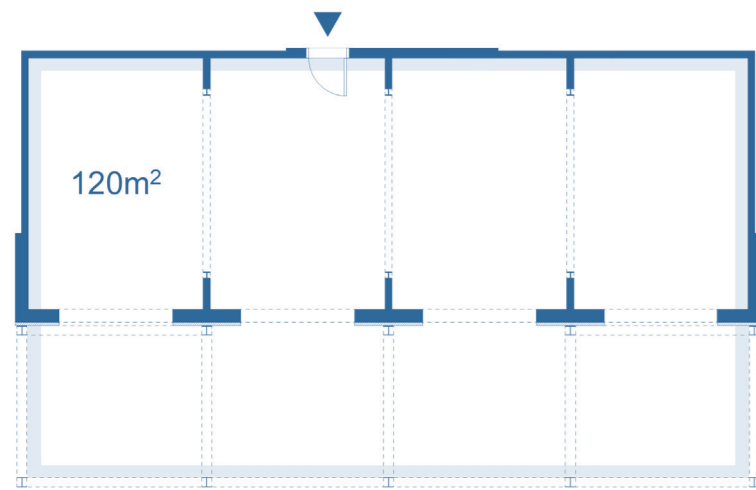
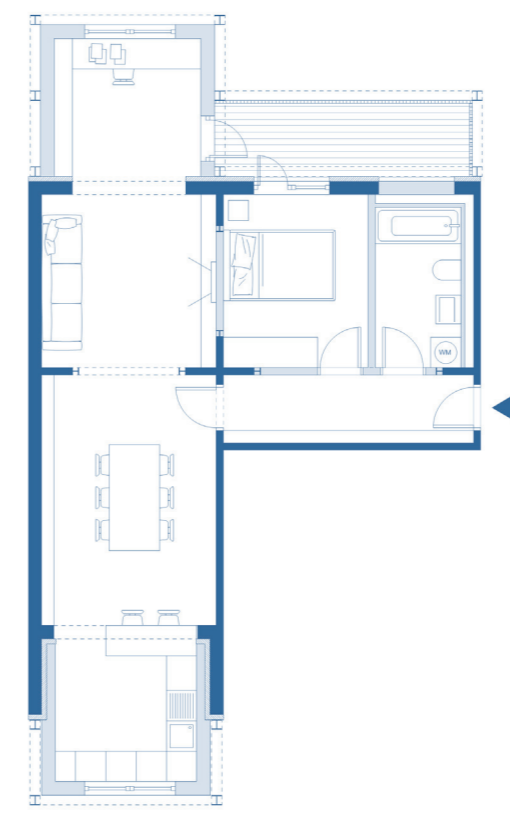
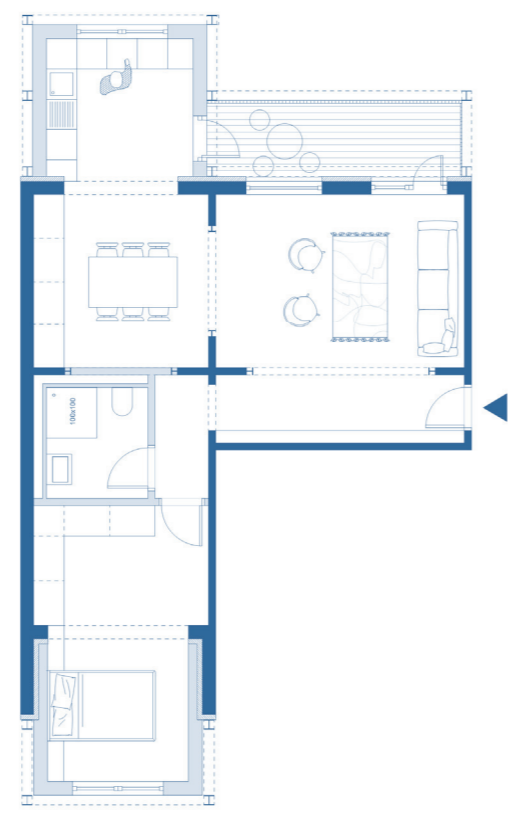
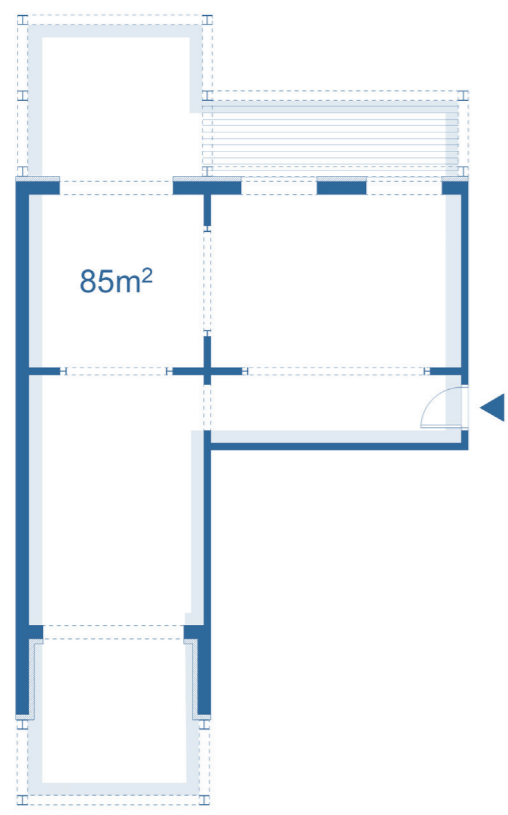
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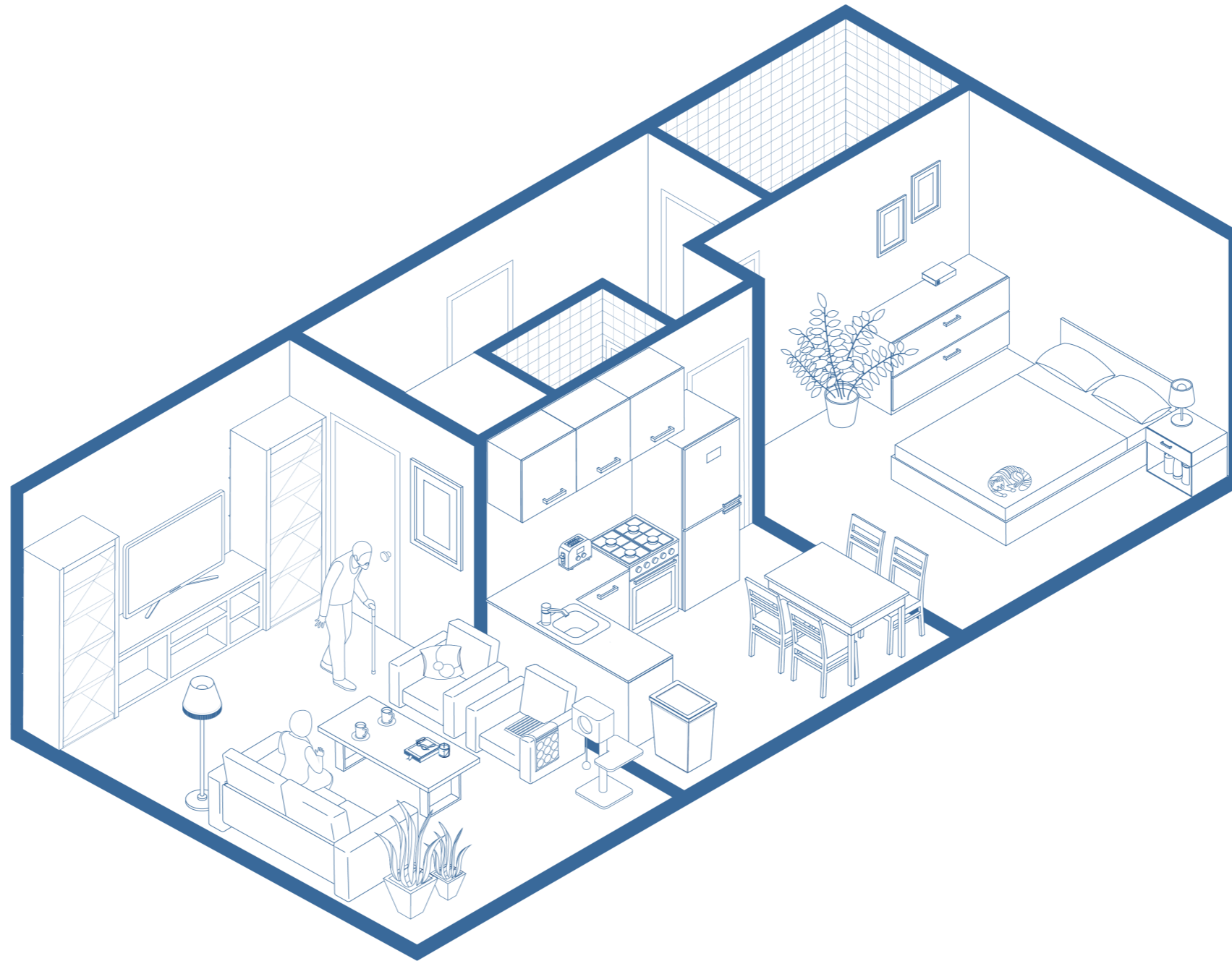
### TYPE: BS-V-VIII-234



# FLOOR PLAN VARIATIONS (BS-V-VIII-223-223)



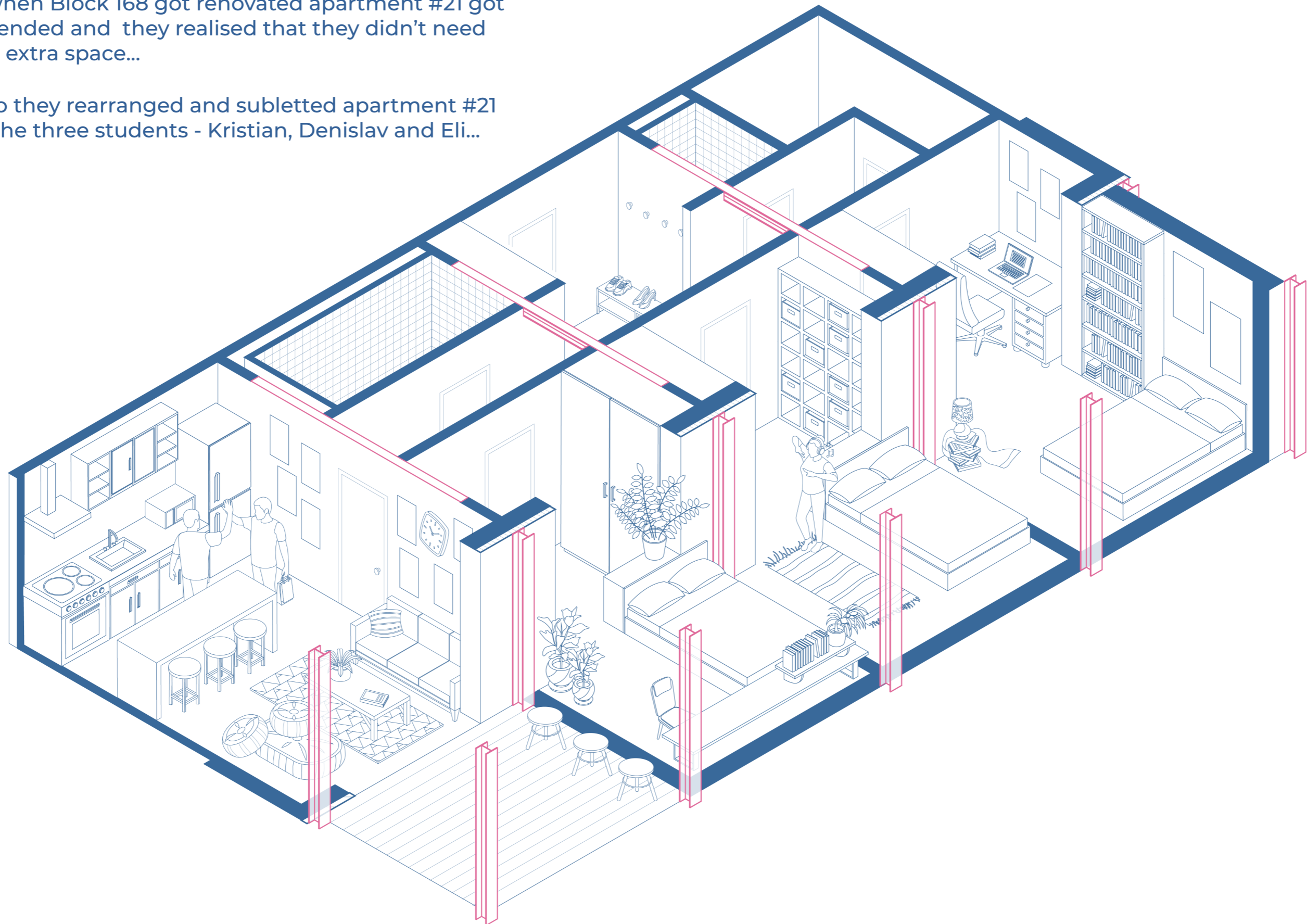
Iva and Vasil have been living in apartment #21 since they first got married in 1976...



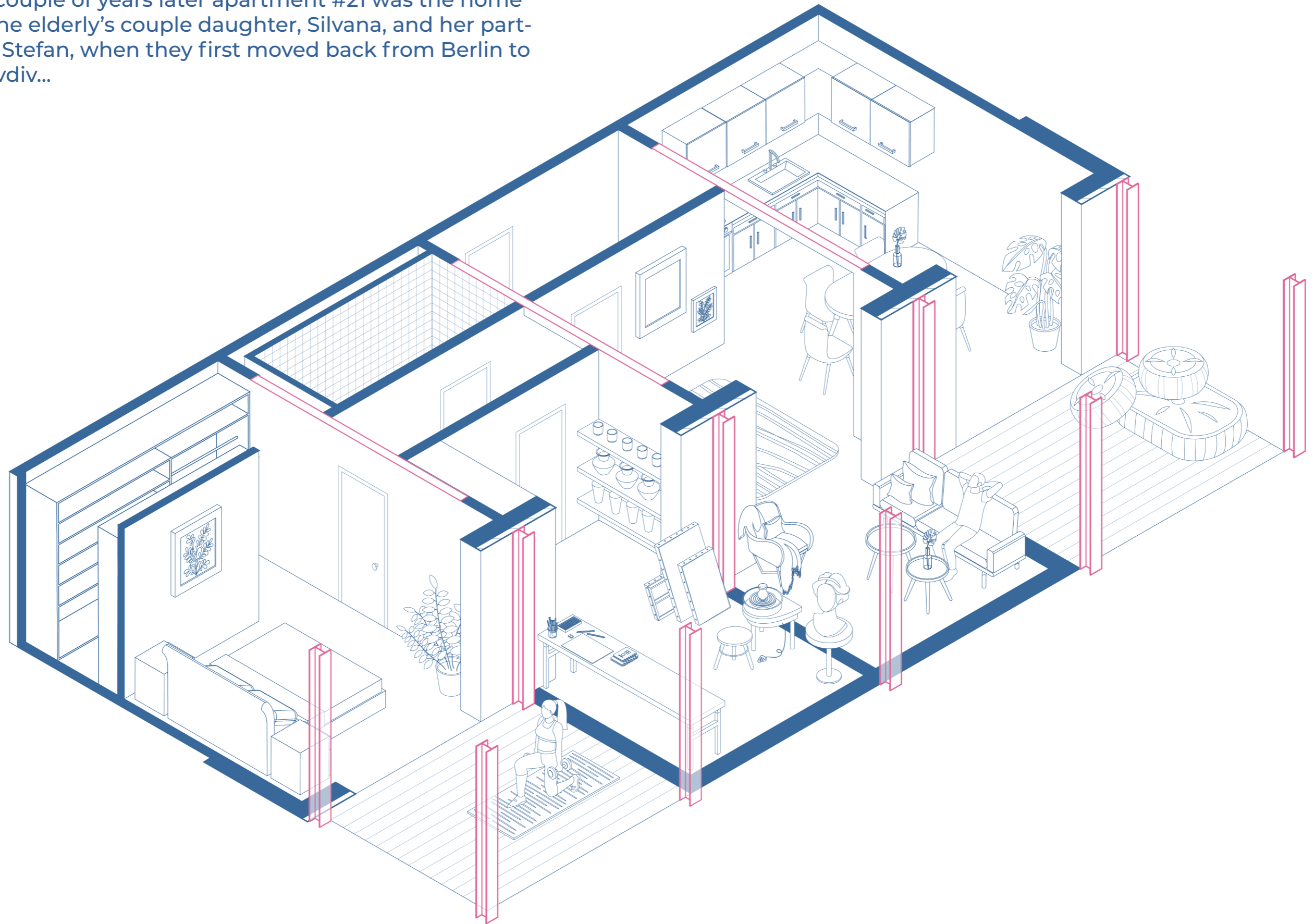


... when Block 168 got renovated apartment #21 got extended and they realised that they didn't need the extra space...

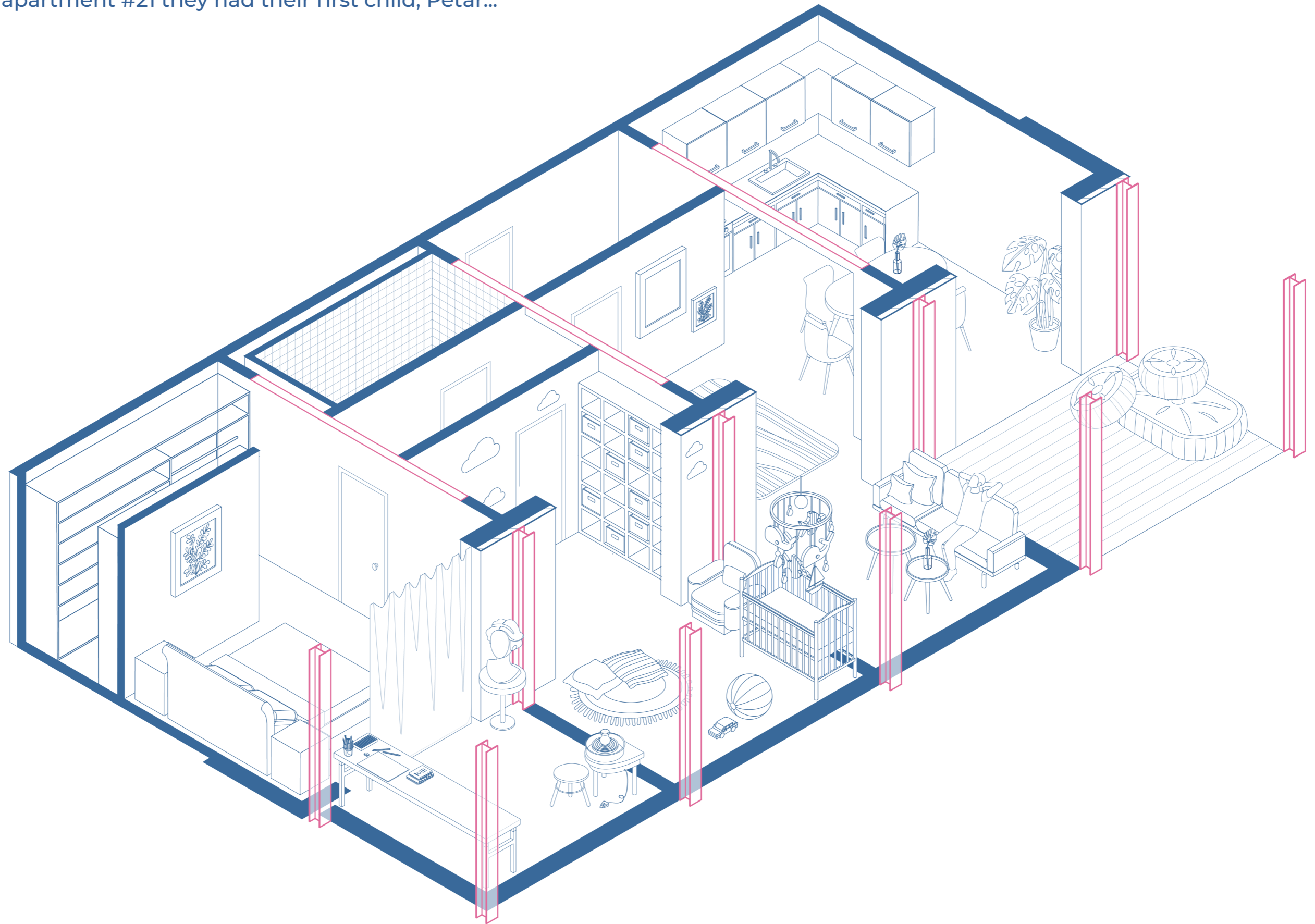
... so they rearranged and subletted apartment #21 to the three students - Kristian, Denislav and Eli...



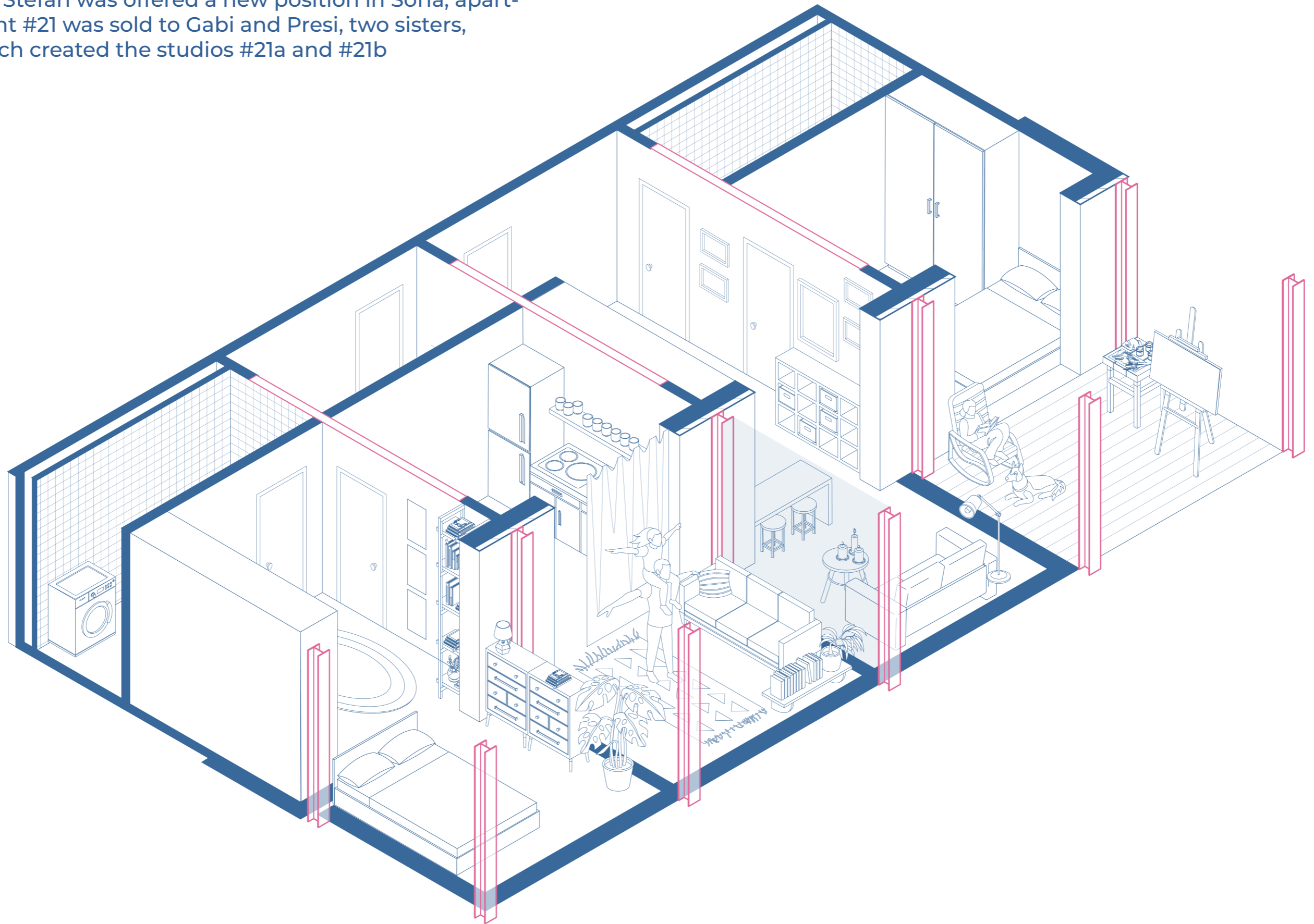
.. a couple of years later apartment #21 was the home of the elderly's couple daughter, Silvana, and her partner Stefan, when they first moved back from Berlin to Plovdiv...



.. in apartment #21 they had their first child, Petar...



.. as Stefan was offered a new position in Sofia, apartment #21 was sold to Gabi and Presi, two sisters, which created the studios #21a and #21b



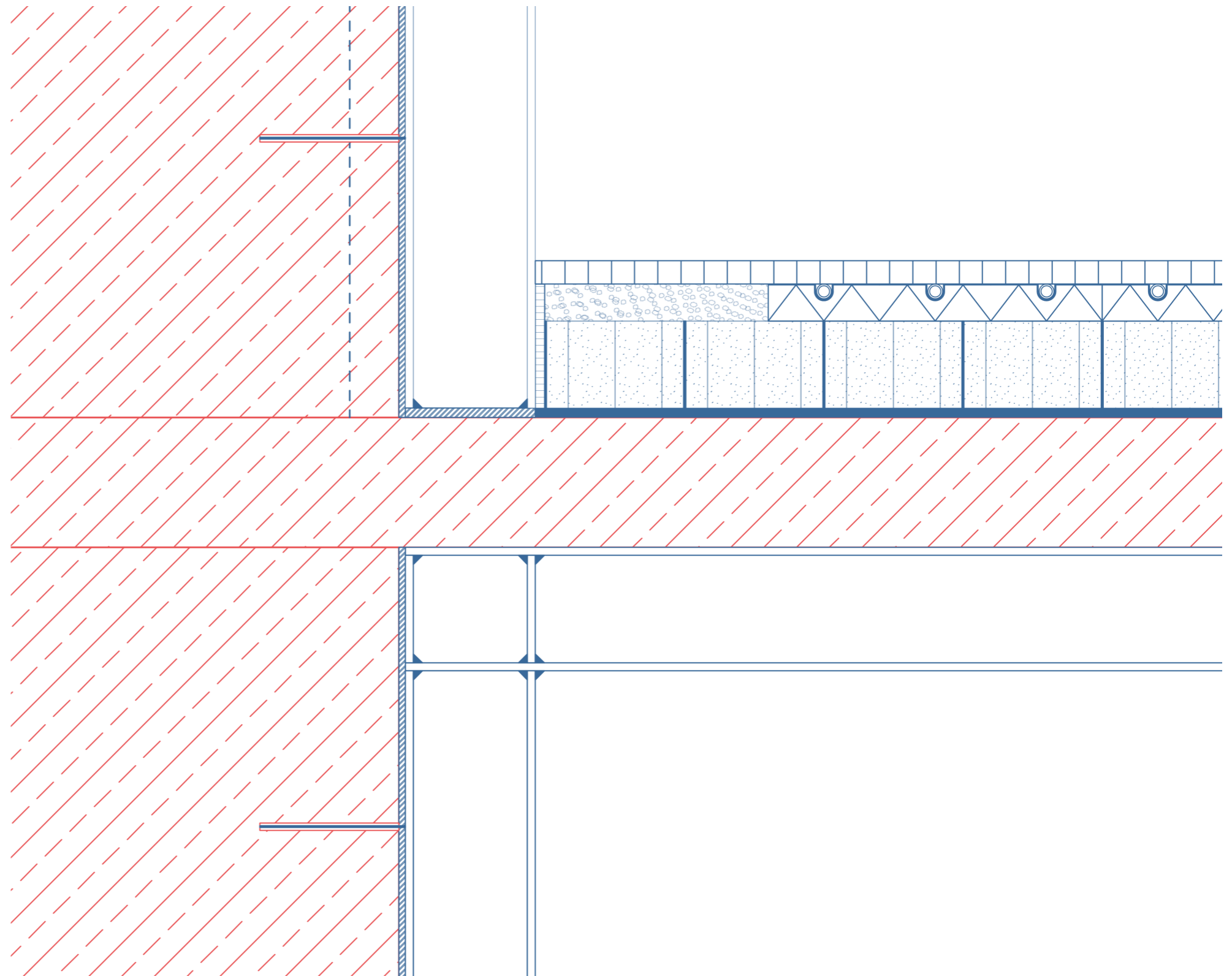
# DETAIL: INTERIOR

## Wall:

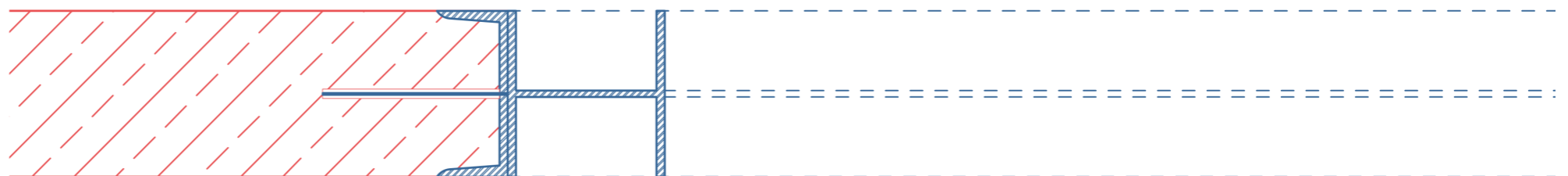
- laminare flooring
- underfloor heating system
- aluminium heat conduction sheets
- 40mm wood-fibre insulation boards for pipe laying and leveling
- 100mm recycled cardboard honeycomb with perlite infill as sound and thermal insulation
- 3mm greyboard as trickle protection
- 140mm concrete prefabricated slab (existing)

## Floor:

- laminare flooring
- underfloor heating system
- aluminium heat conduction sheets
- 40mm wood-fibre insulation boards for pipe laying and leveling
- 100mm recycled cardboard honeycomb with perlite infill as sound and thermal insulation
- 3mm greyboard as trickle protection
- 140mm concrete prefabricated slab (existing)



 existing  new



# DETAIL: TRANSITION

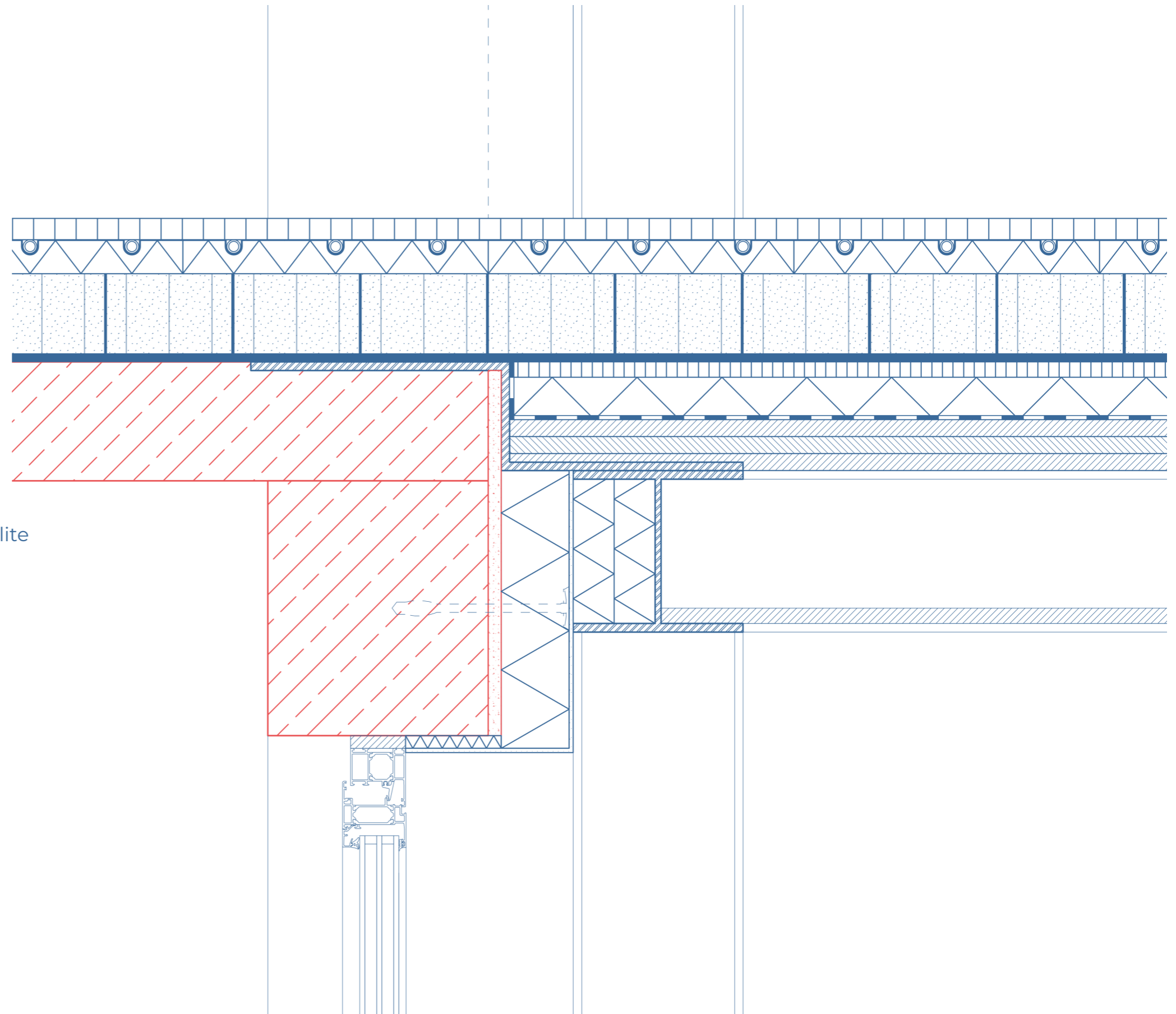
## Floor:

- laminare flooring
- underfloor heating system
- aluminium heat conduction sheets
- 40mm wood-fibre insulation boards for pipe laying and leveling
- 100mm recycled cardboard honeycomb with perlite infill as sound and thermal insulation
- 3mm greyboard as trickle protection
- 18mm medium density fibreboard panel
- 50mm expanded polystyrene insulation
- breather membrane
- 57mm cross-laminated timber panel, three-ply

## Facade:

- mineral plaster coating
- undercoat layer
- plaster putty with fibreglass mesh
- 80mm expanded polystyrene insulation
- adhensive layer
- undercoat layer
- limestone concrete coating (existing)
- 260mm concrete prefabricated panels (existing)

 existing  new



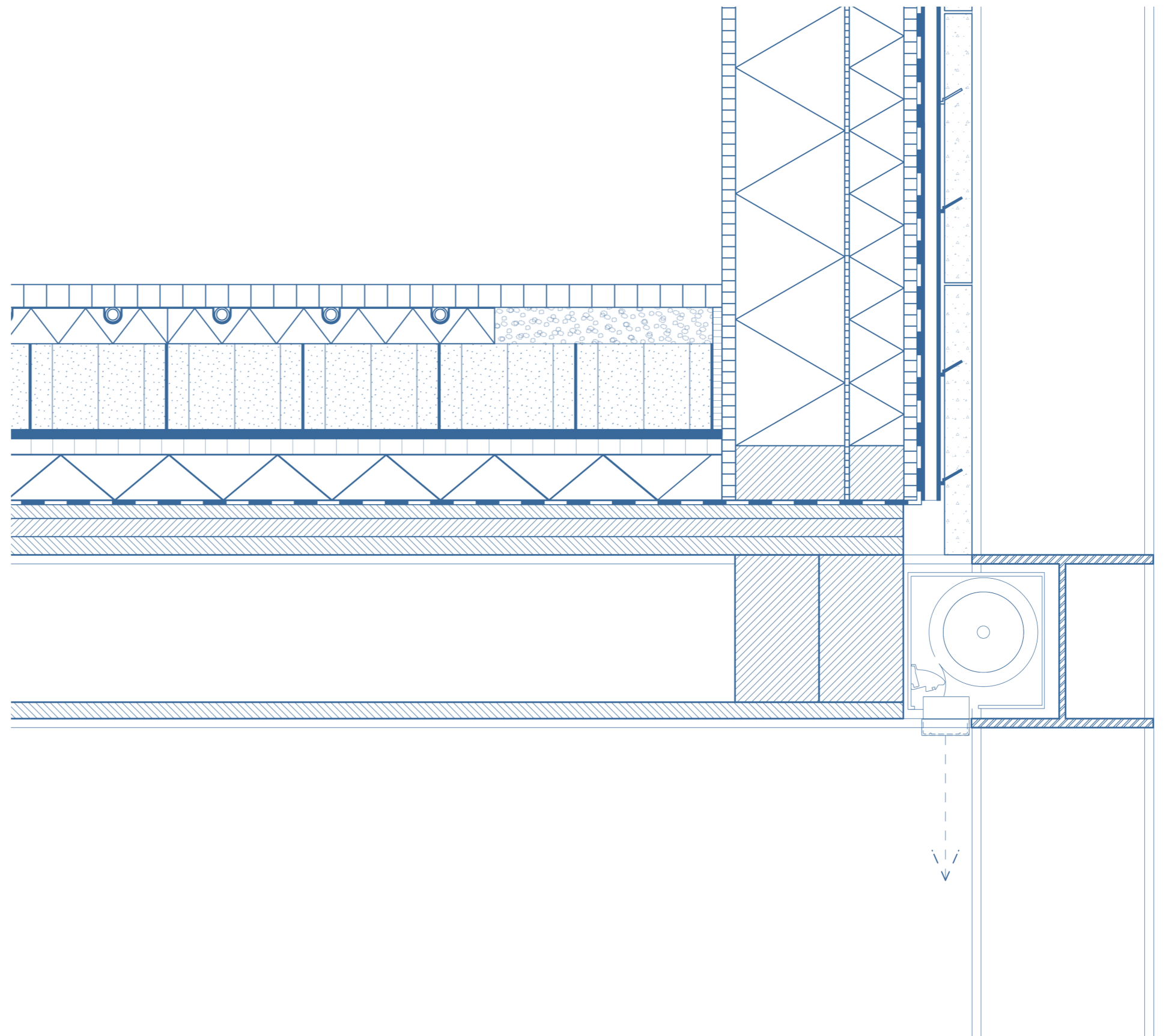
# DETAIL: EXTERIOR

## Floor:

- laminare flooring
- underfloor heating system
- aluminium heat conduction sheets
- 40mm wood-fibre insulation boards for pipe laying and leveling
- 100mm recycled cardboard honeycomb with perlite infill as sound and thermal insulation
- 3mm greyboard as trickle protection
- 18mm medium density fibreboard panel
- 50mm expanded polystyrene insulation
- breather membrane
- 57mm cross-laminated timber panel, three-ply

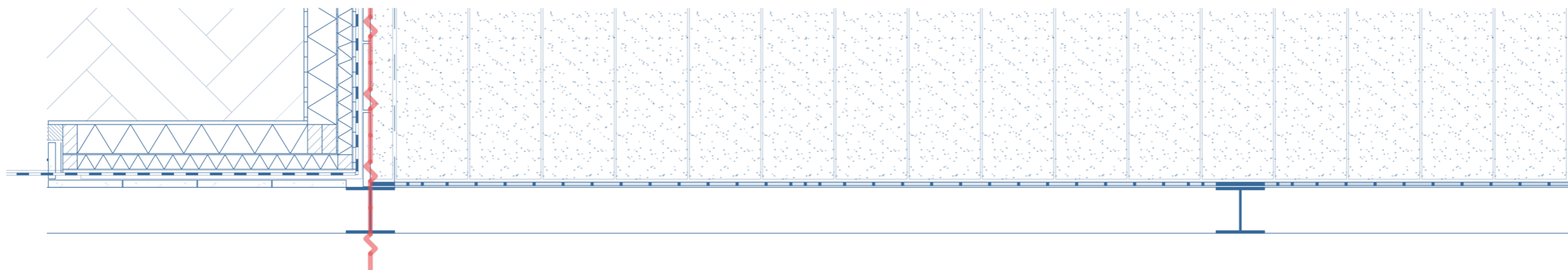
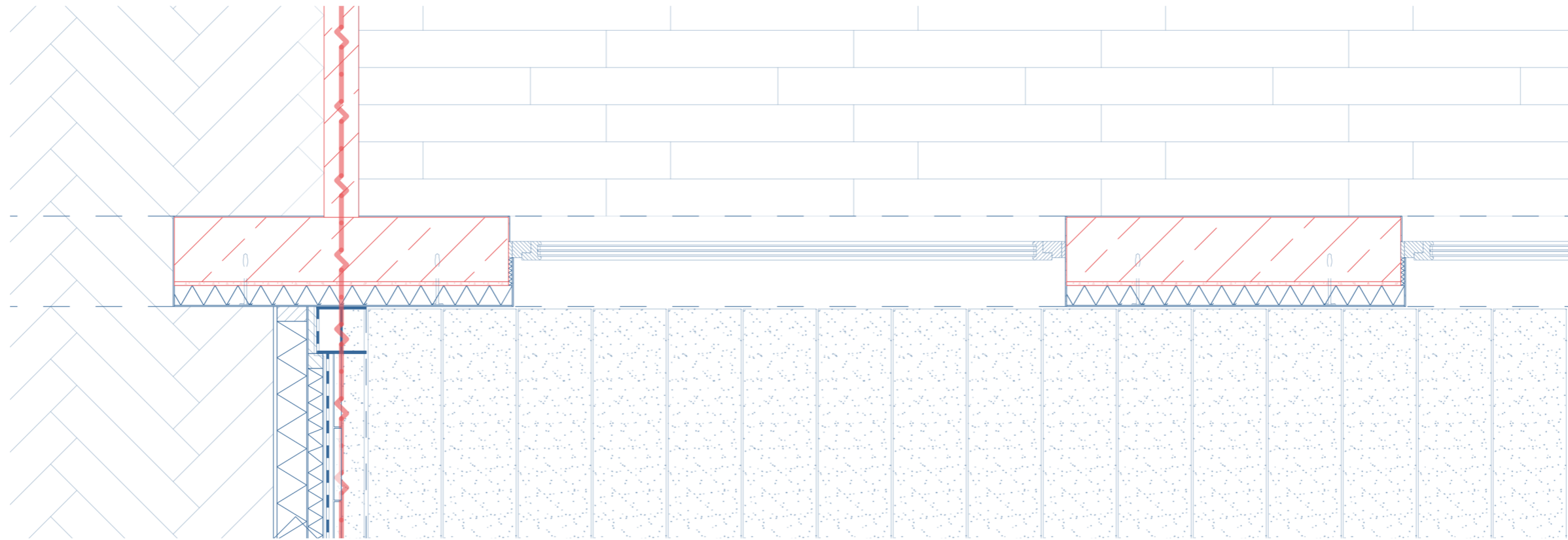
## Facade:

- 30mm recycled concrete tiles, invisibly attached by undercut anchors
- 30mm underconstruction
- breather membrane
- 15mm medium density fibreboard panel
- 60/60mm untreated spruce structural timber
- 60mm insulation from cellulose fibres
- 5mm fibreboard
- 60/120mm untreated KVH solid timber framing
- 120mm insulation from cellulose fibres
- 15mm plywood



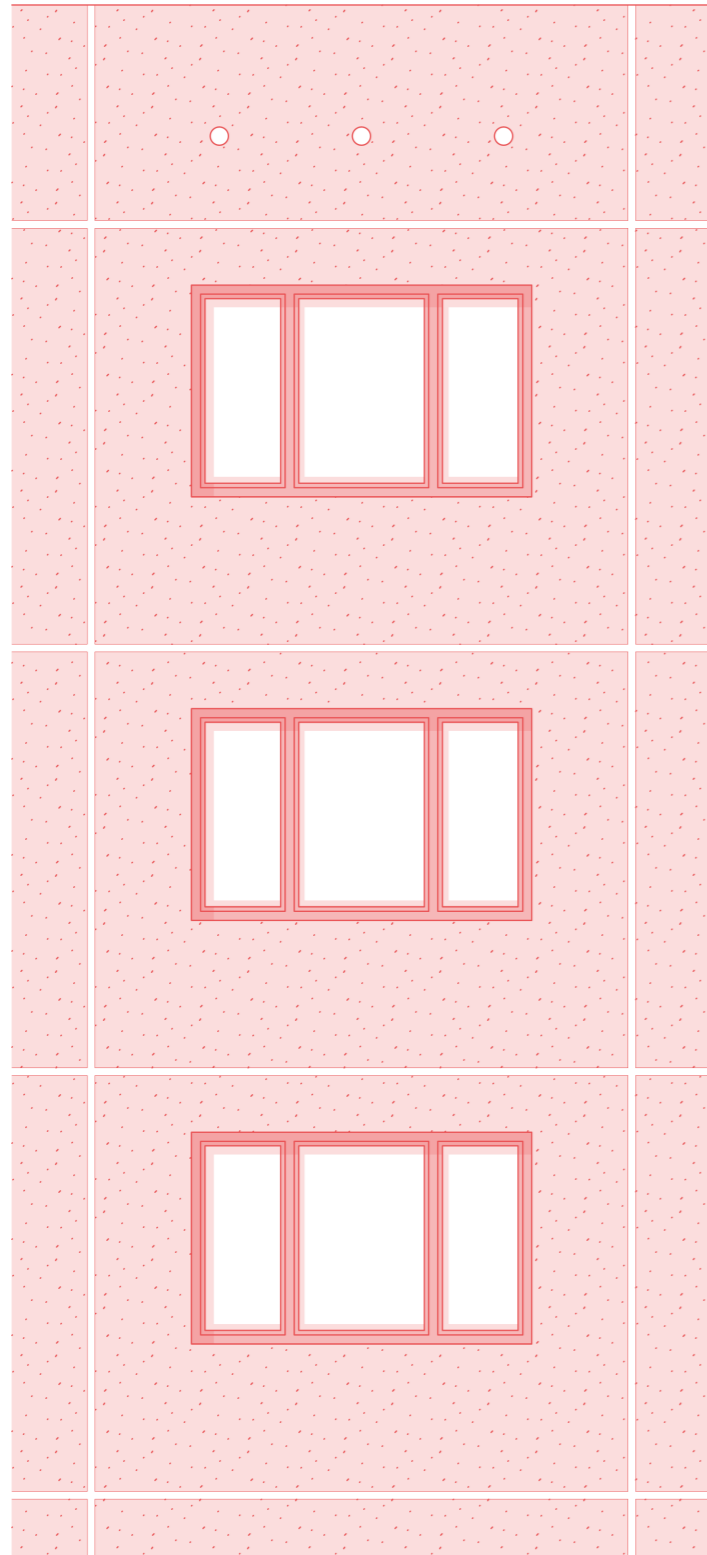
■ existing    ■ new

# HORIZONTAL SECTIONs 1:20

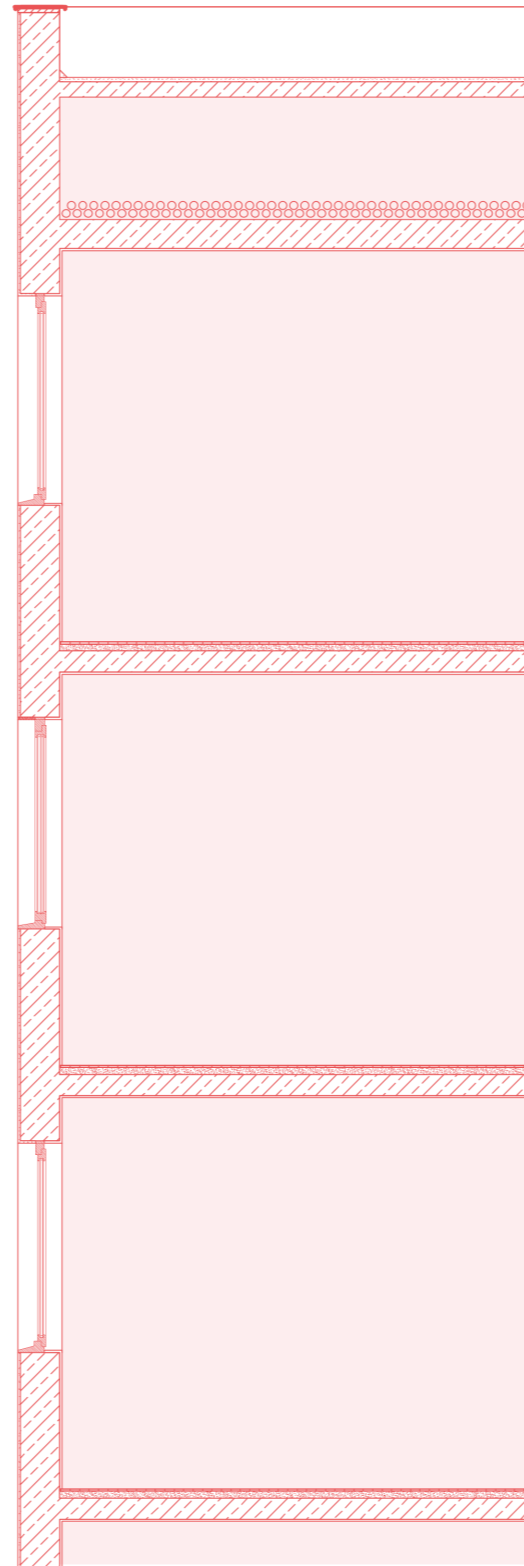




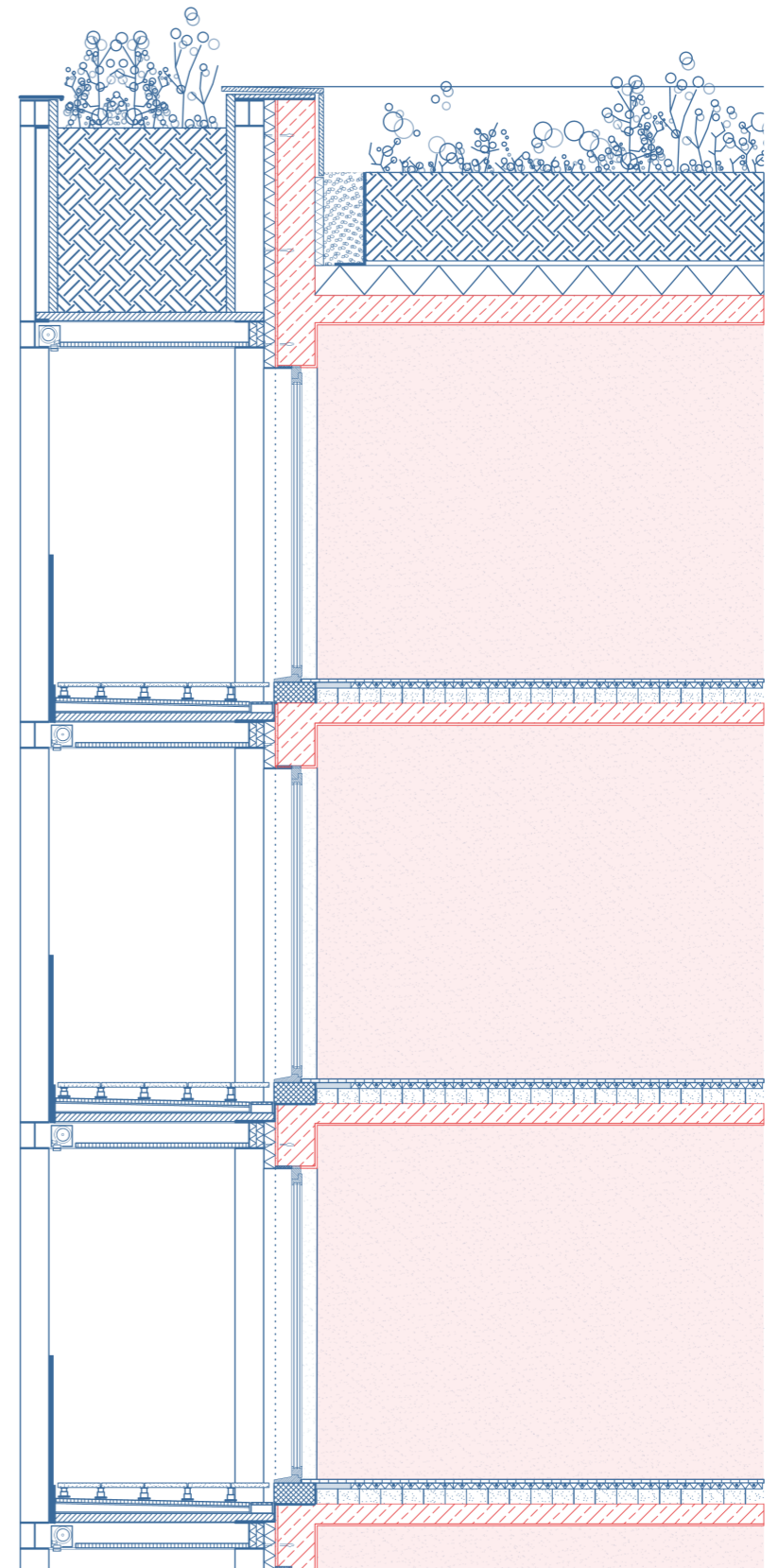
# SECTION: OPENINGS



elevation 1:50

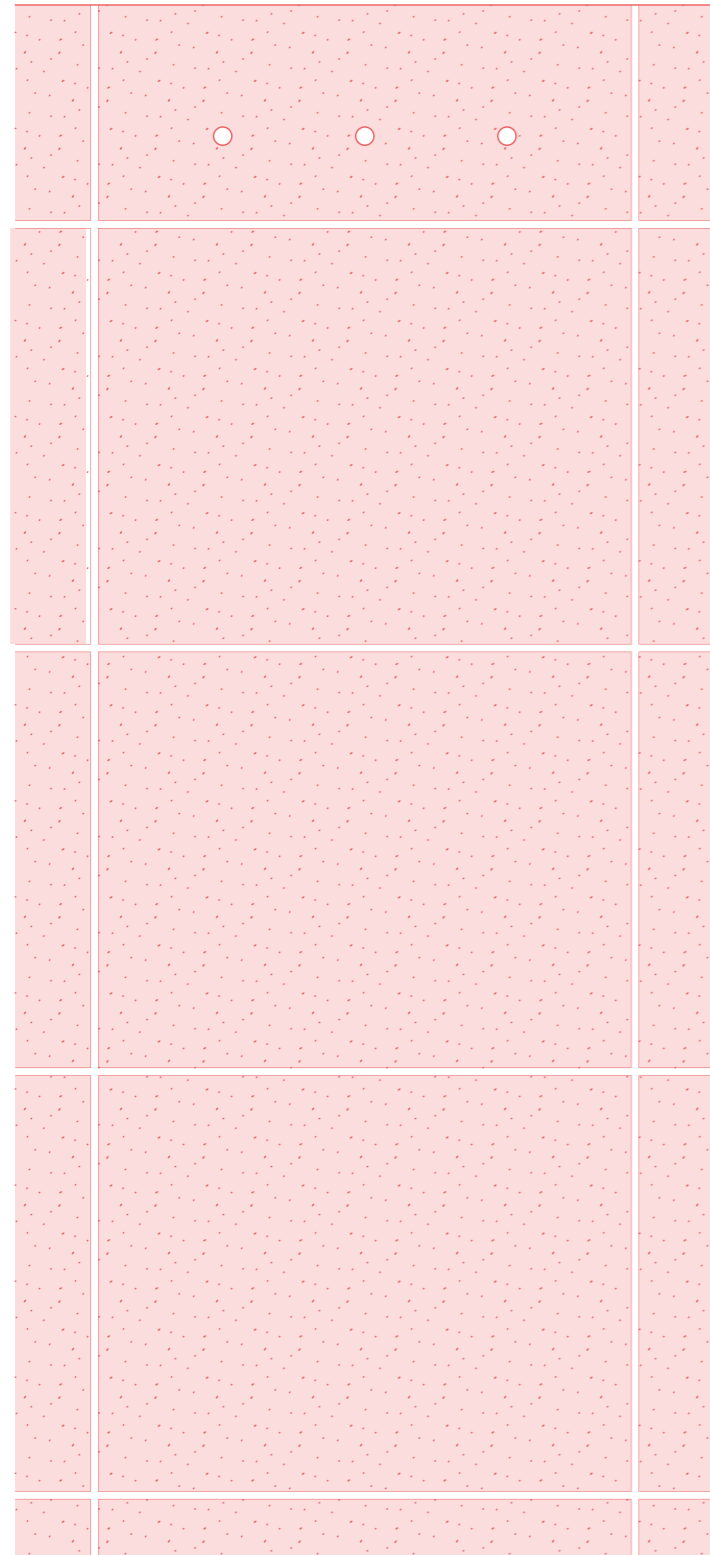


section 1:50

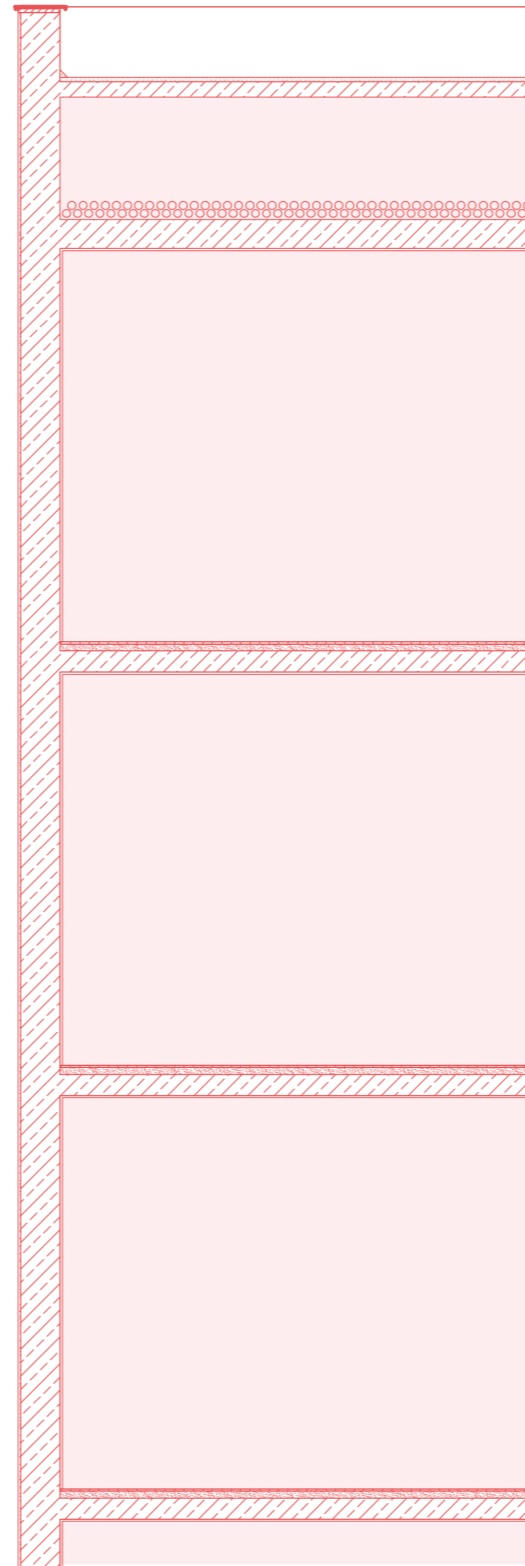


section 1:50

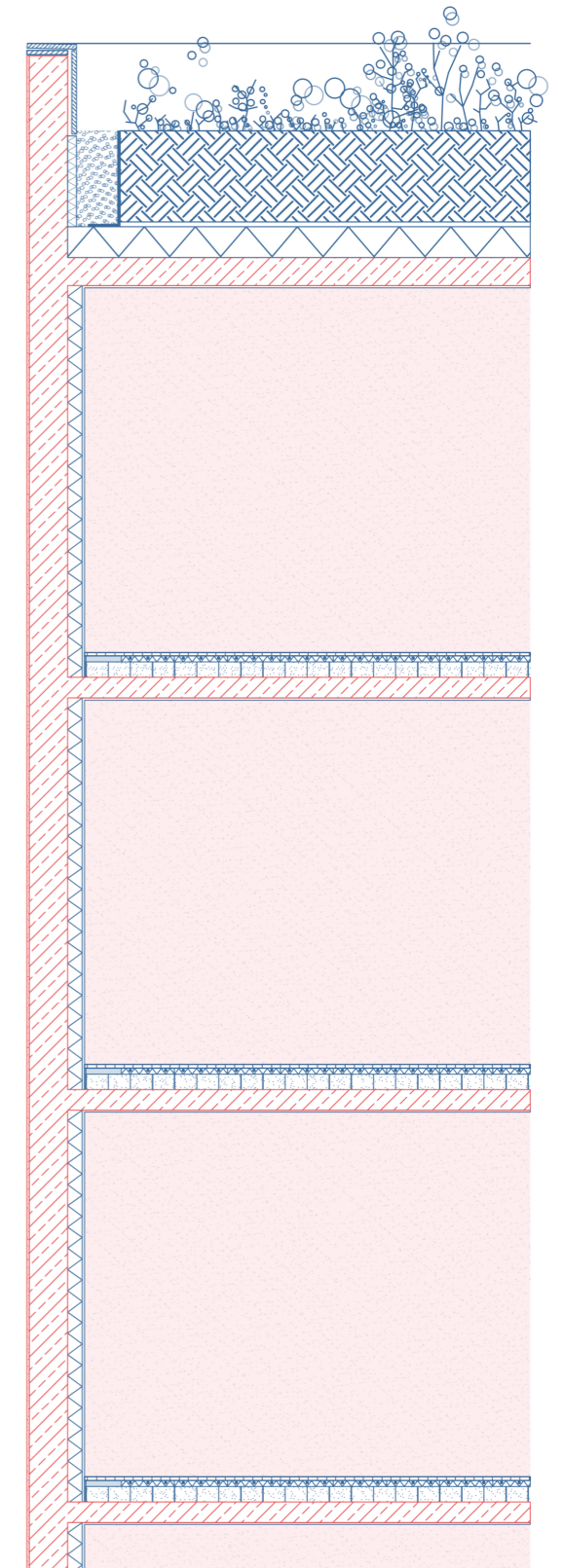
# SECTION: BLIND WALL



elevation 1:50

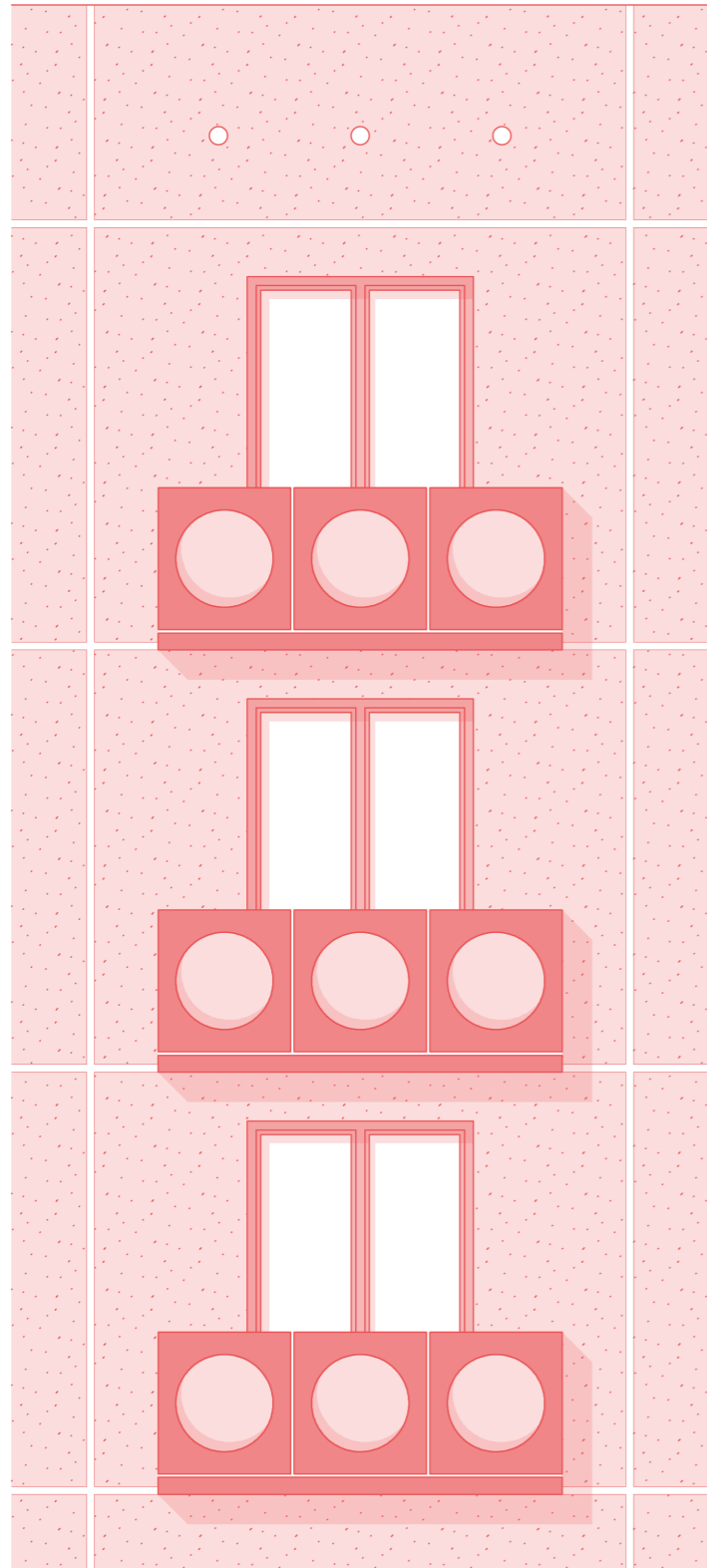


section 1:50

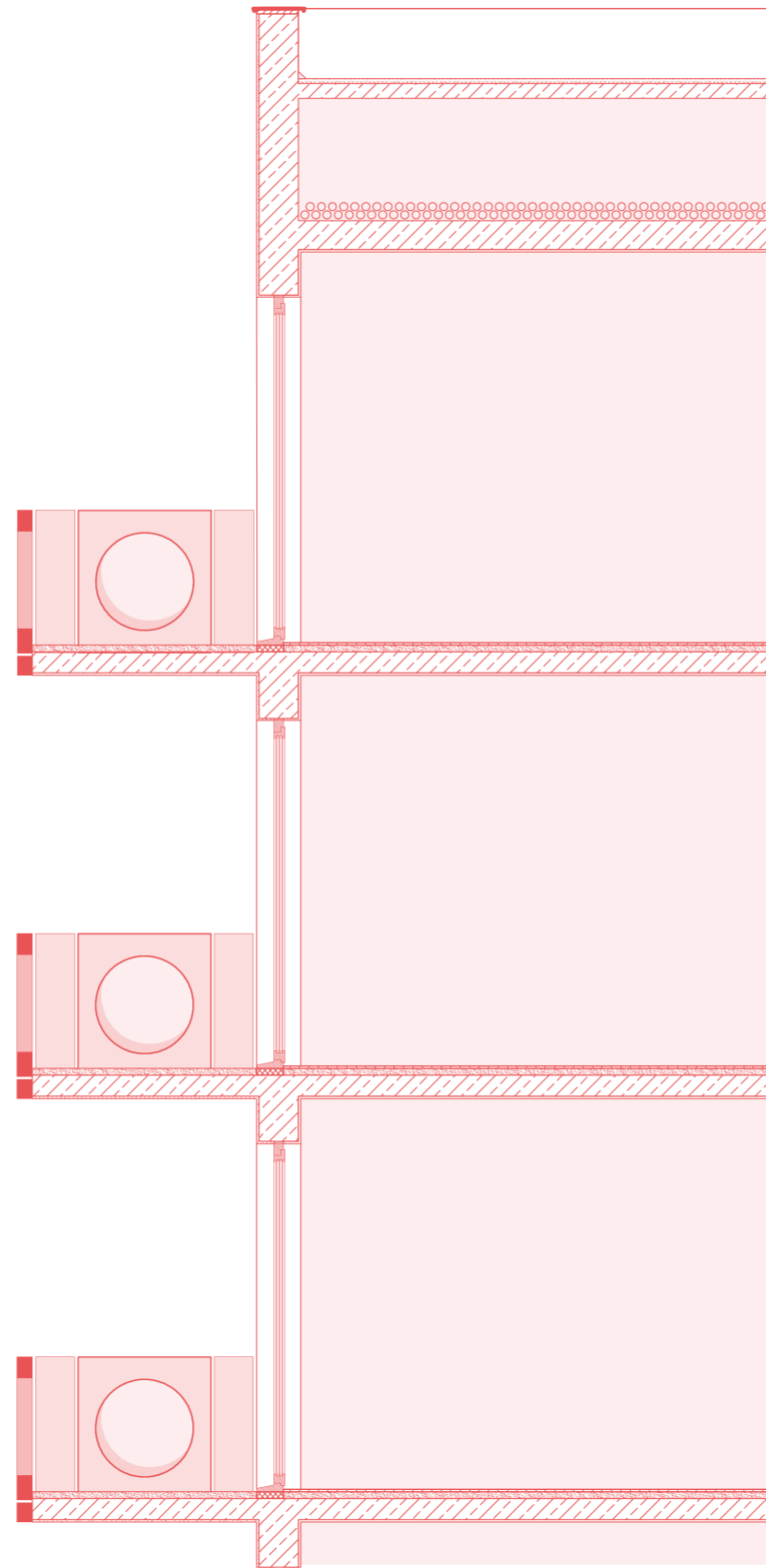


section 1:50

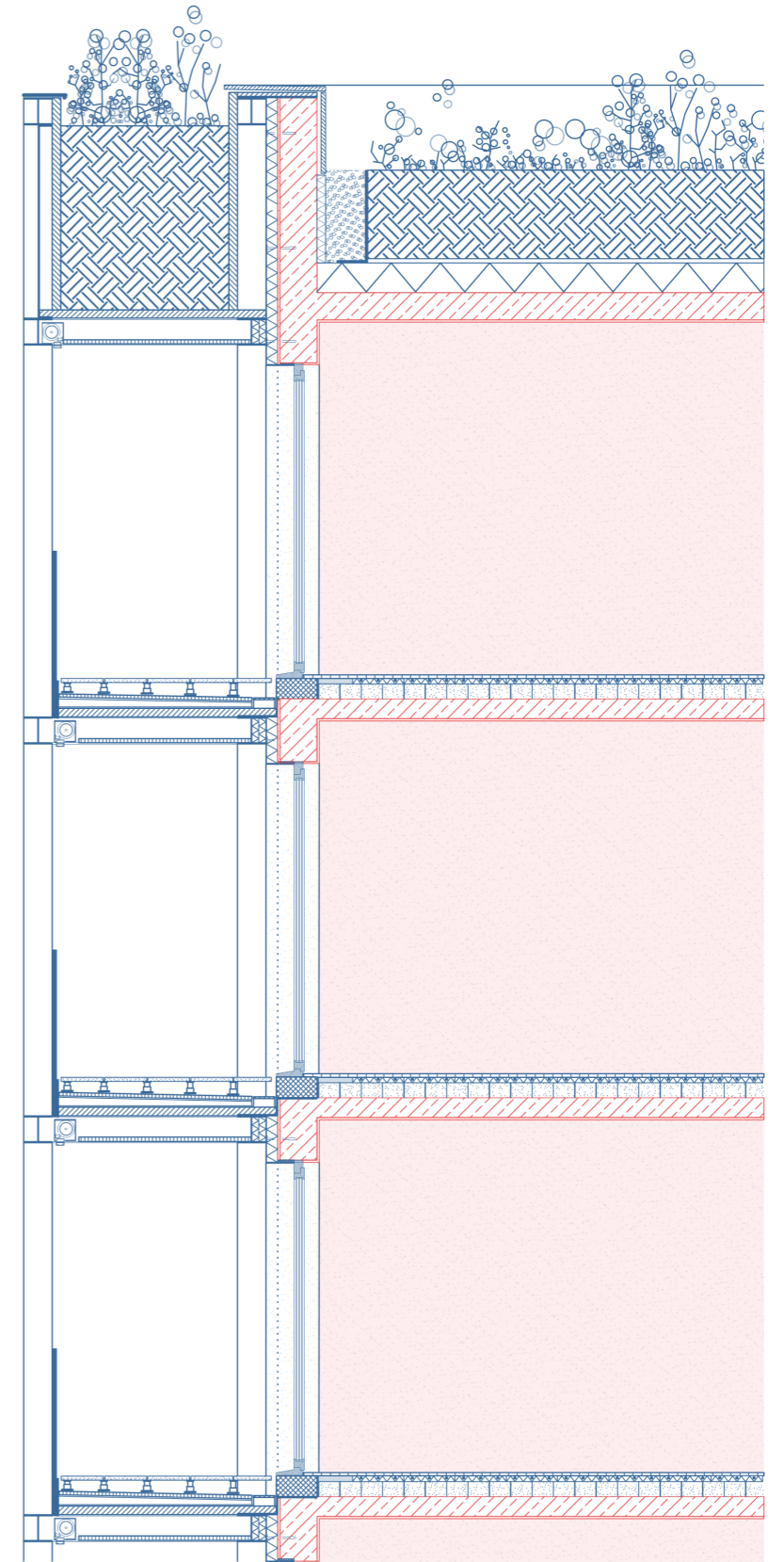
# SECTION: BALCONY



elevation 1:50

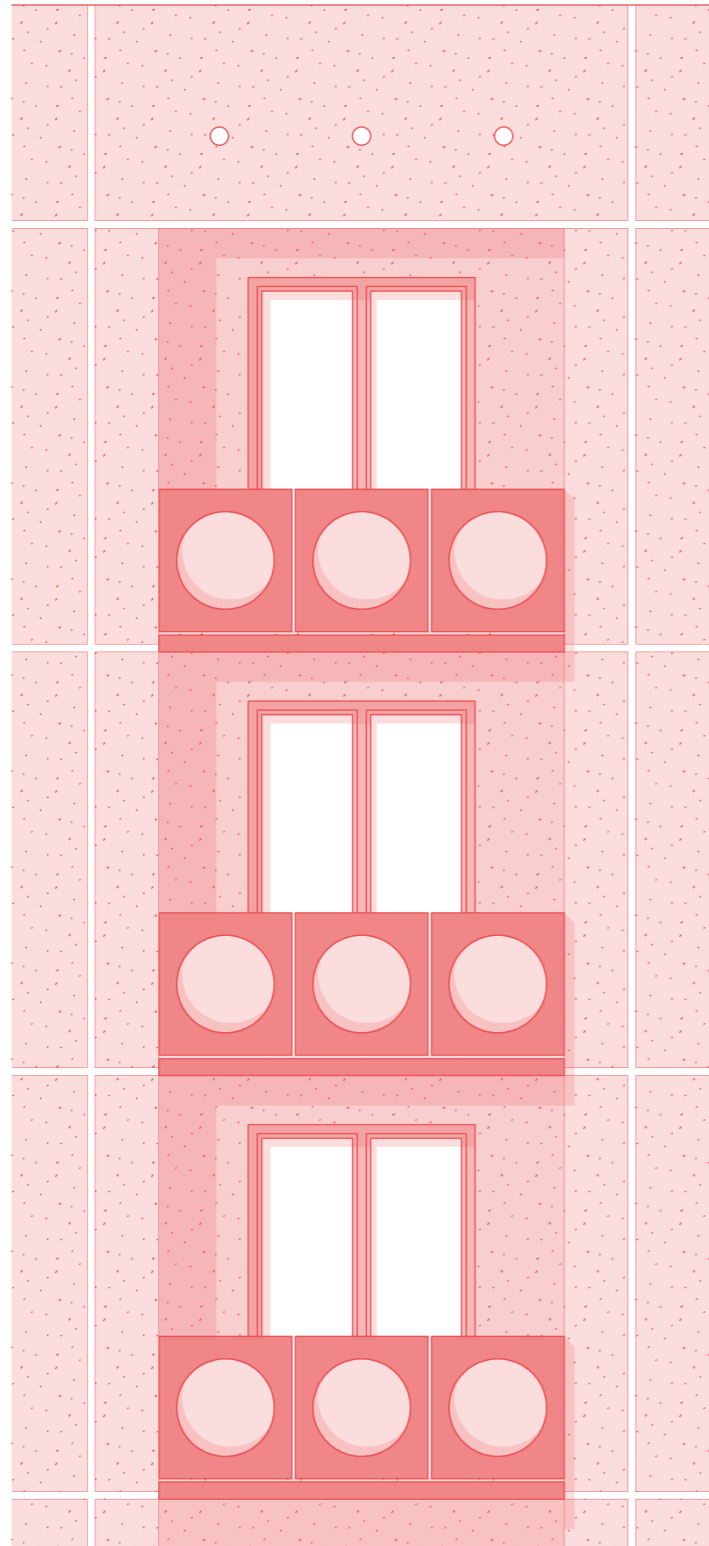


section 1:50

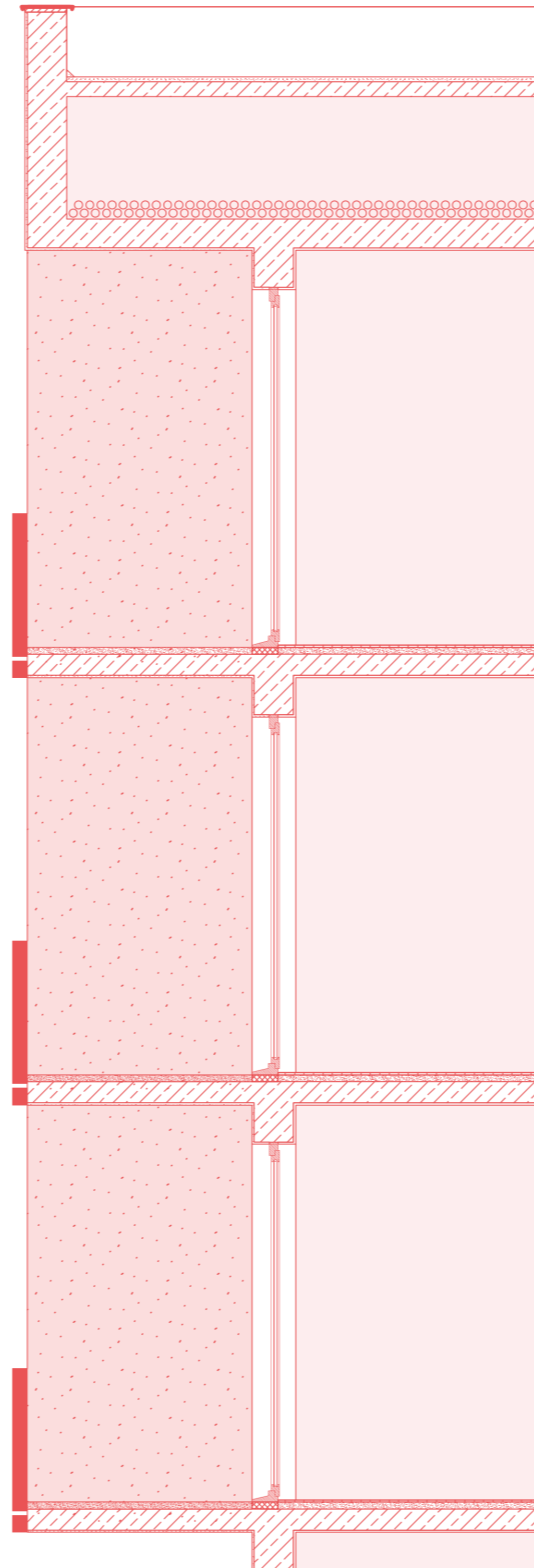


section 1:50

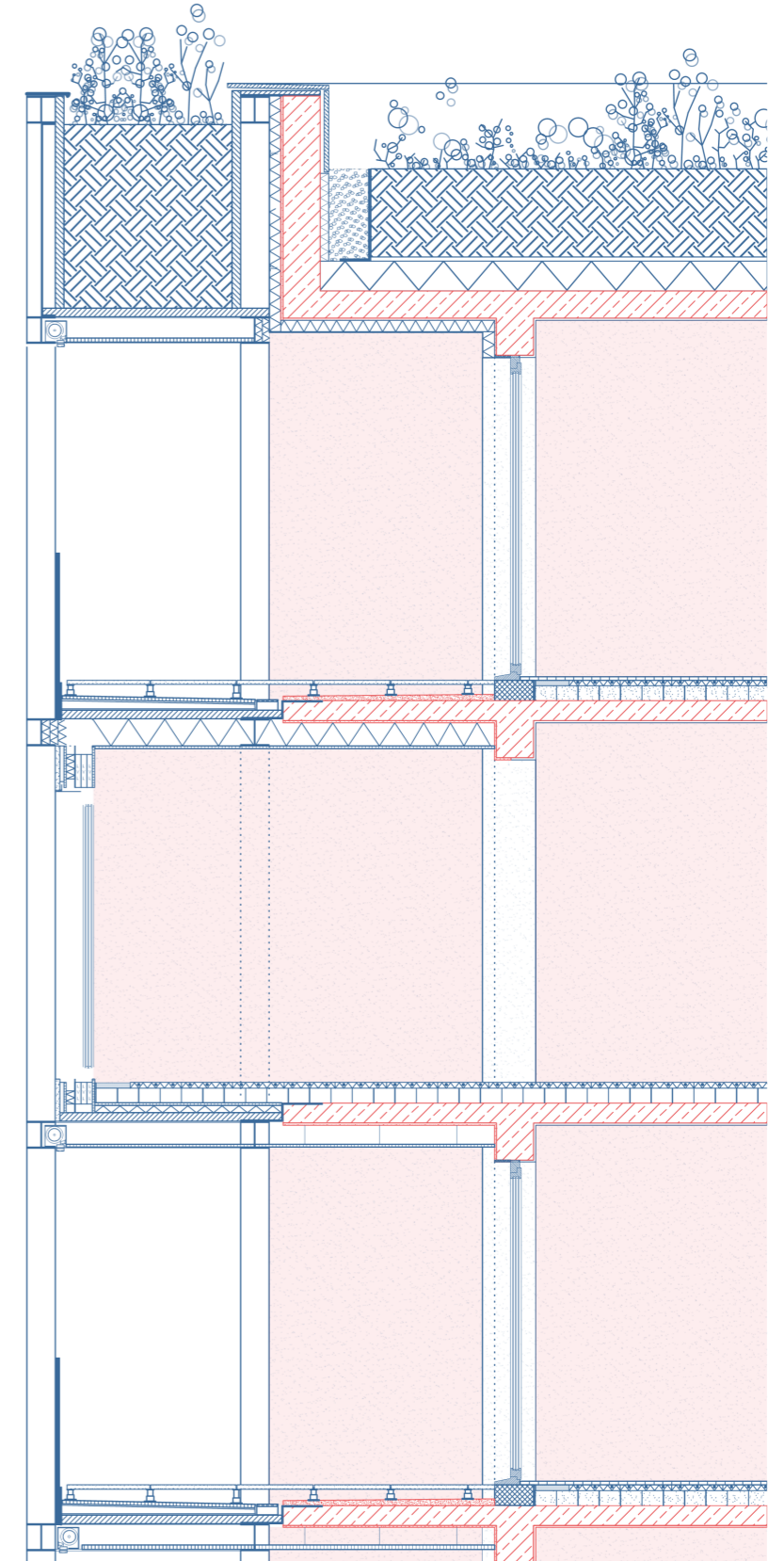
# SECTION: LOGGIA



elevation 1:50



section 1:50



section 1:50