



HOPTILLE, FROM STIGMA TO CHARISMA

TECHNICAL DRAWINGS

*Image enhancing transformation of
post-modern architecture while retaining its identity*

M.C. LOUWERENS

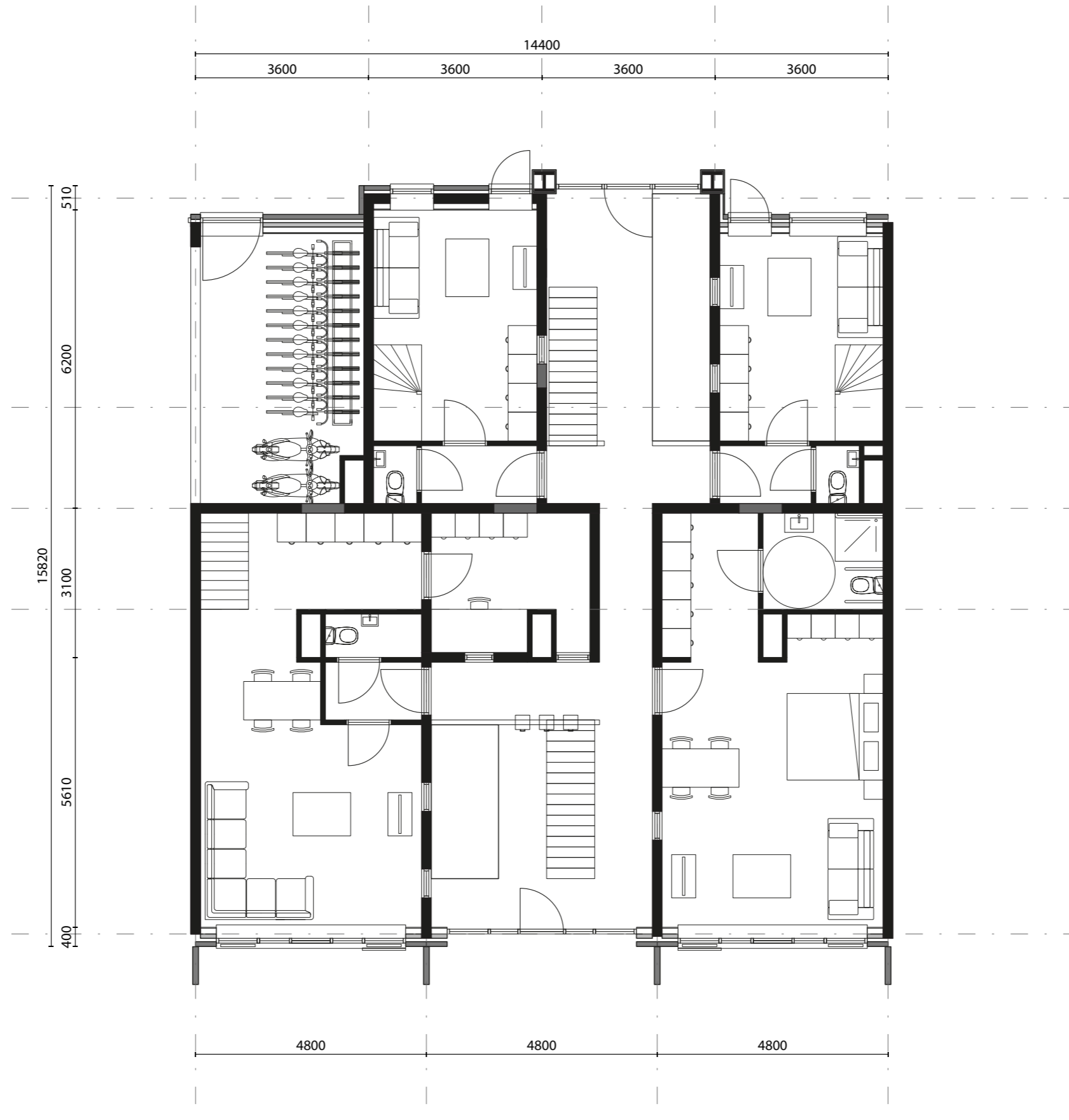
Colofon

M.C. Louwerens
4754816

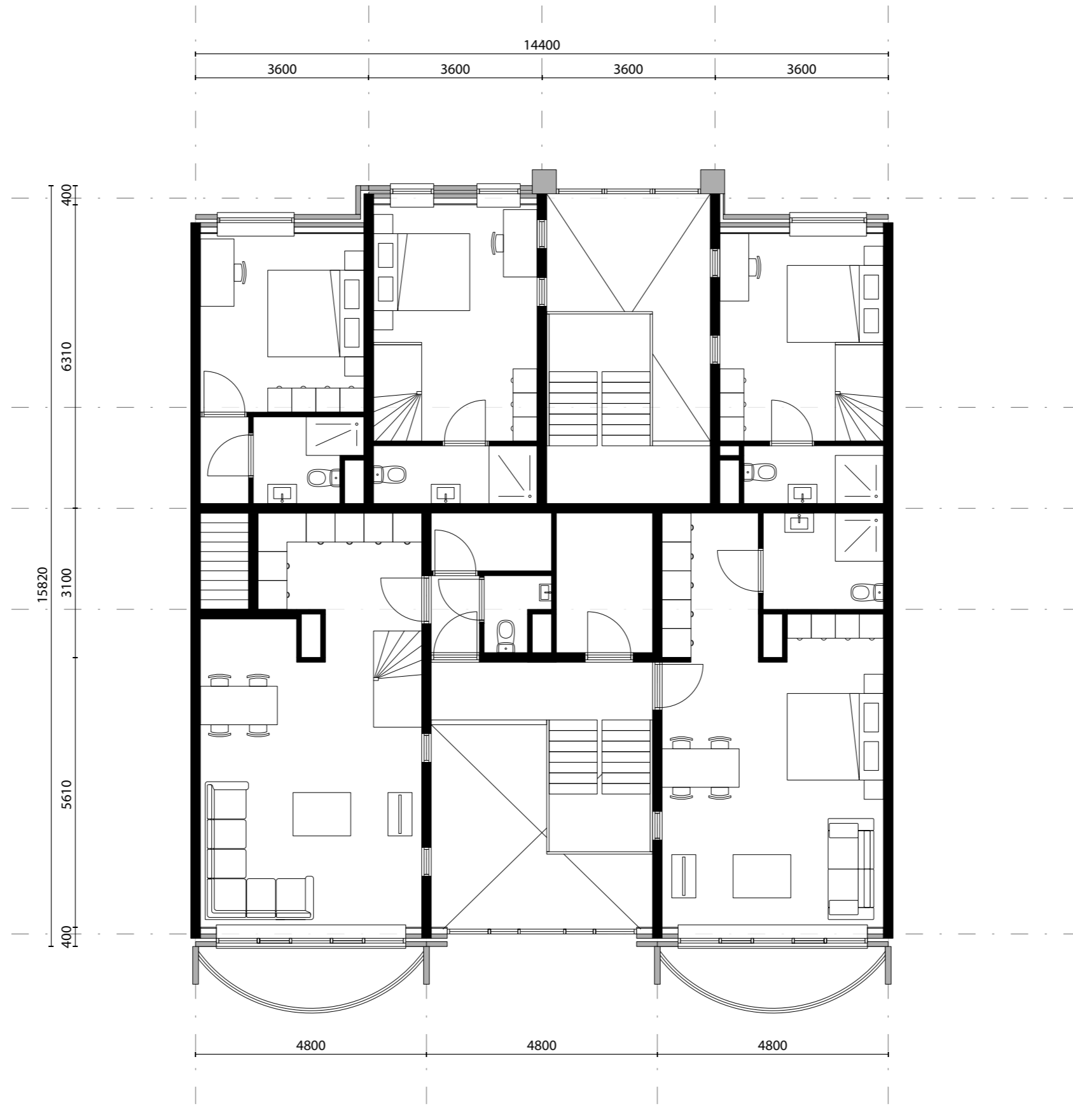
21-06-2021

S2C: Technical drawings
AR3AH105 - New Heritage
Graduation studio Adapting to 20th Century Heritage
Master Architecture, Urbanism and Building Sciences

**Dyslexia*



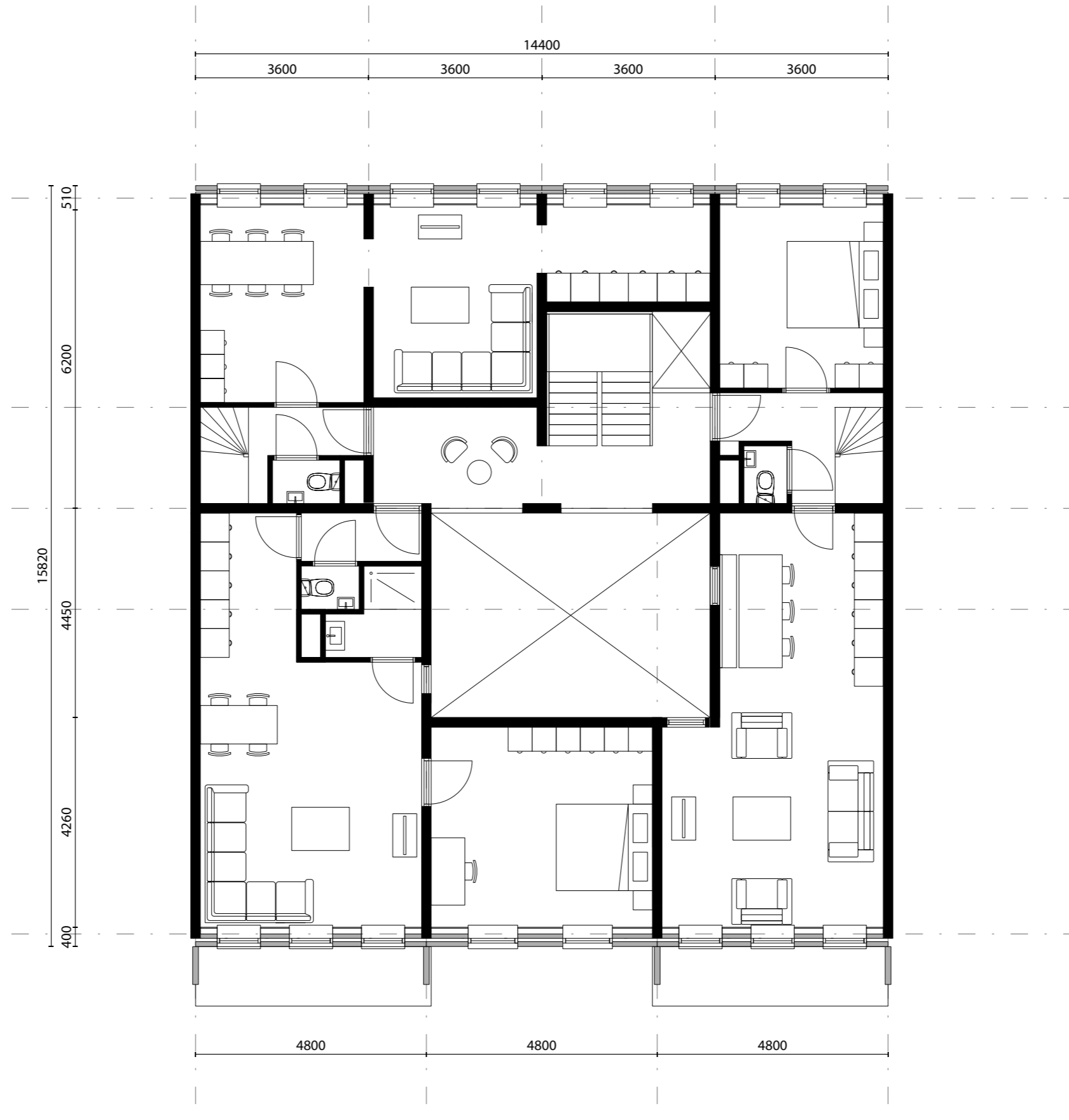
Floorplan Level 00
1:100



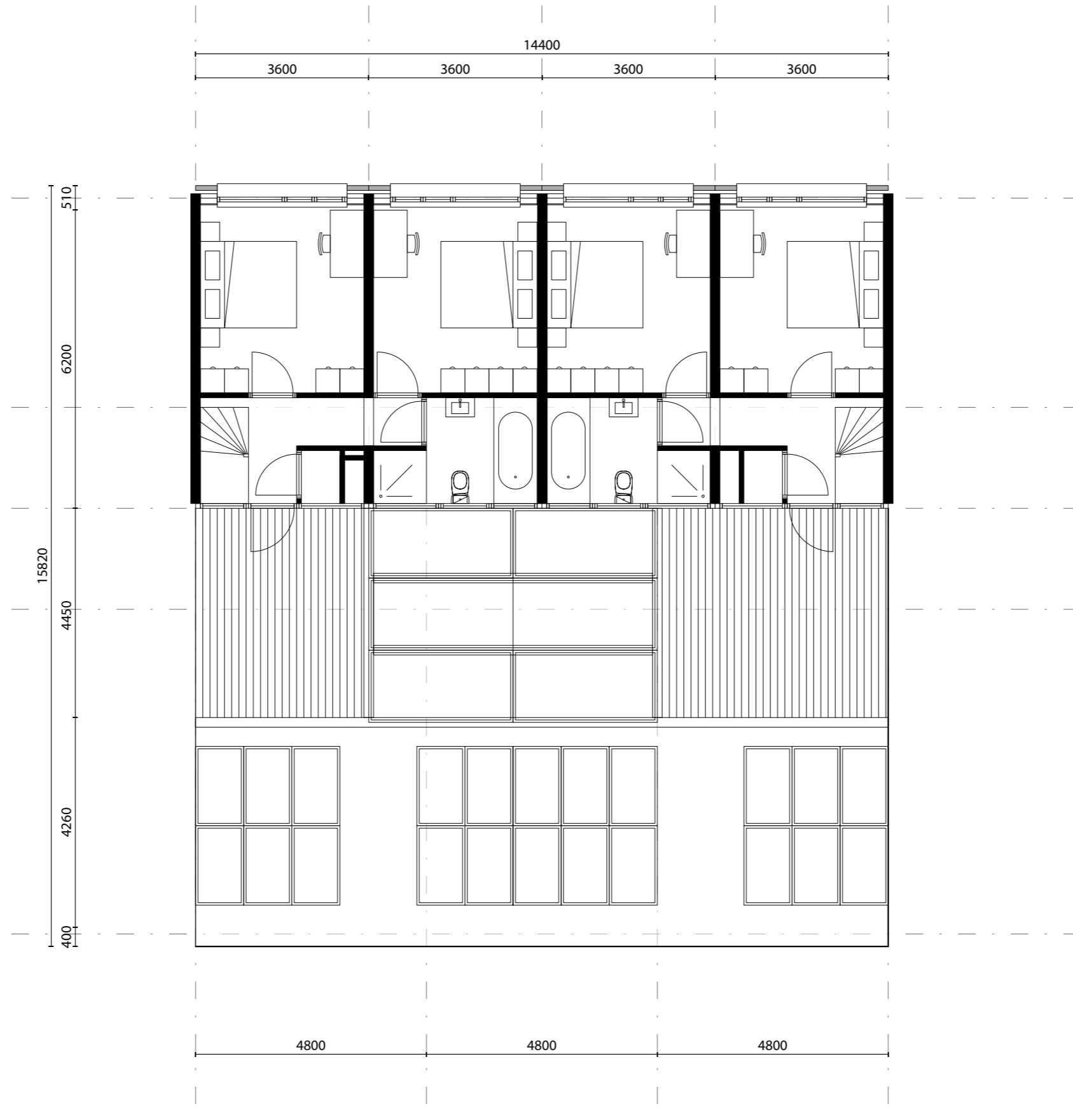
Floorplan Level 00
1:100



Floorplan Level 02
1:100



Floorplan Level 03
1:100



Floorplan Level 04
1:100



▽ 04: 11200+

▽ 03: 8400+

▽ 02: 5600+

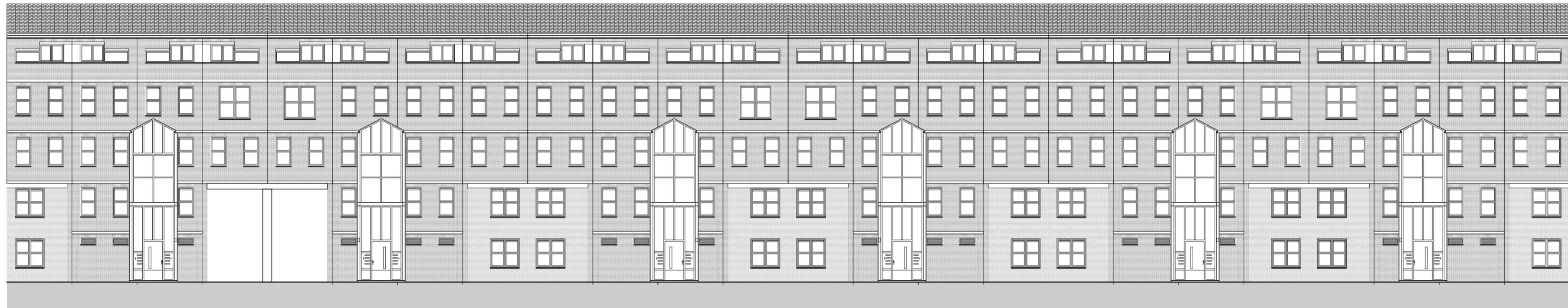
▽ 01: 2800+

▽ 00: P=0

Facade northeast
existing 1:50



Facade northeast
design proposal 1:50



Facade existing
1:500



Facade design proposal
1:500

Facade southwest
existing situation
1:50



▽ 03: 8400+

▽ 02: 5600+

▽ 01: 2800+

▽ 00: P=0

4800

4800

4800

Facade southwest
Design proposal
1:50



4800

4800

4800

▽ 03: 8400+

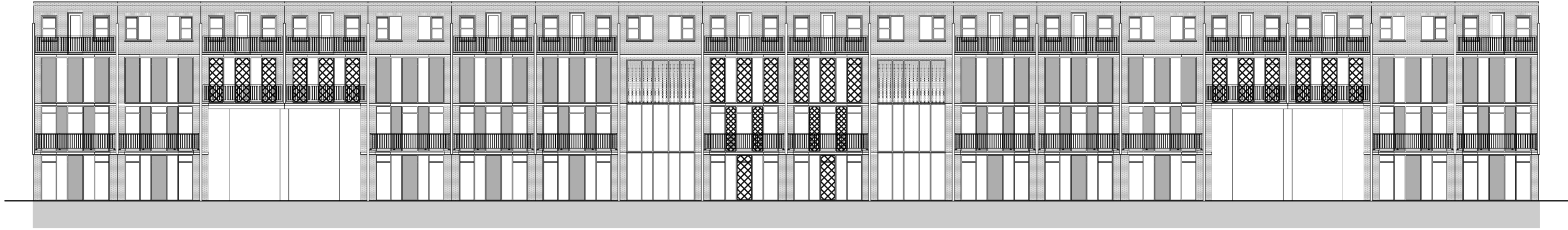
▽ 02: 5600+

▽ 01: 2800+

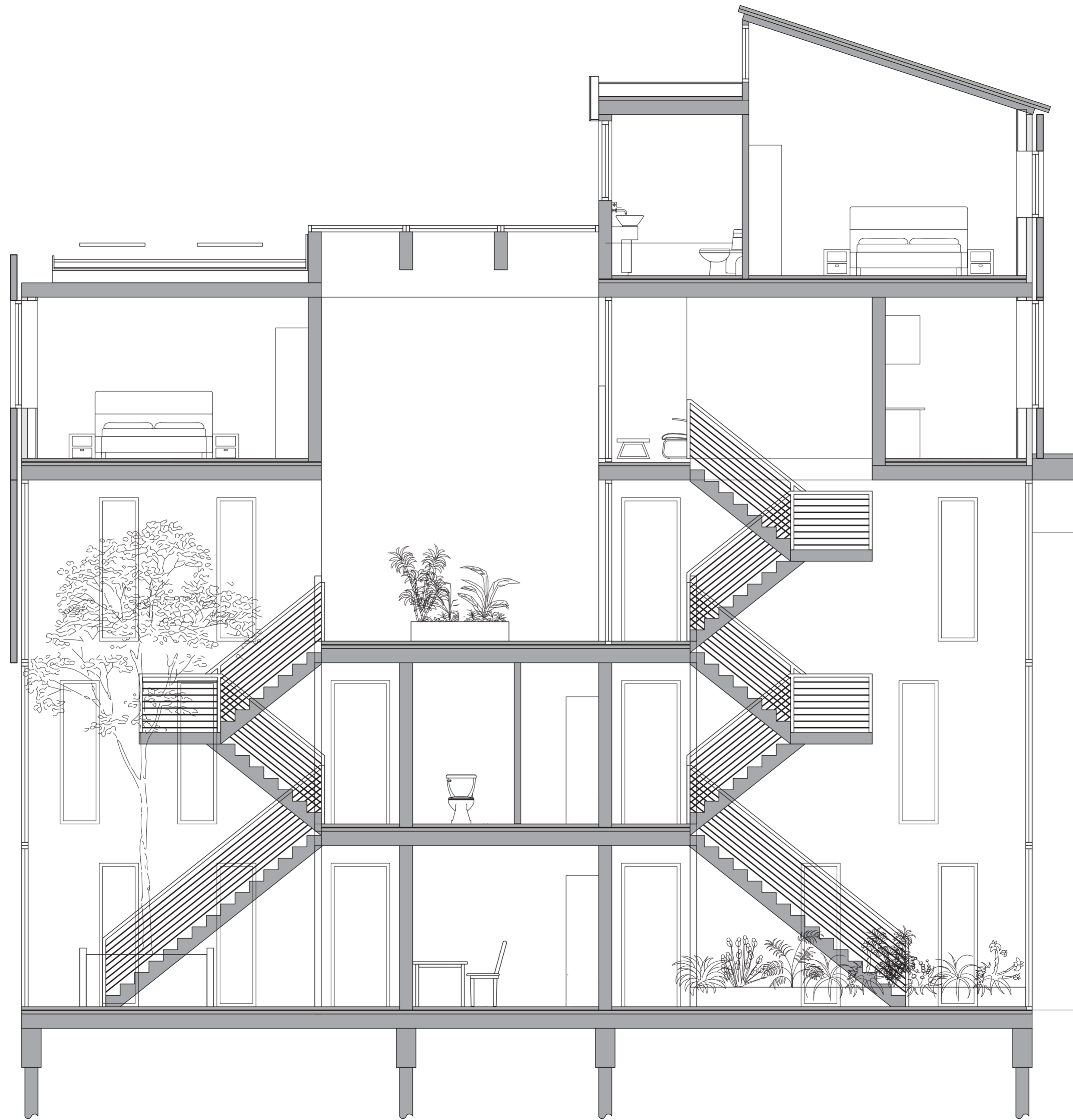
▽ 00: P=0



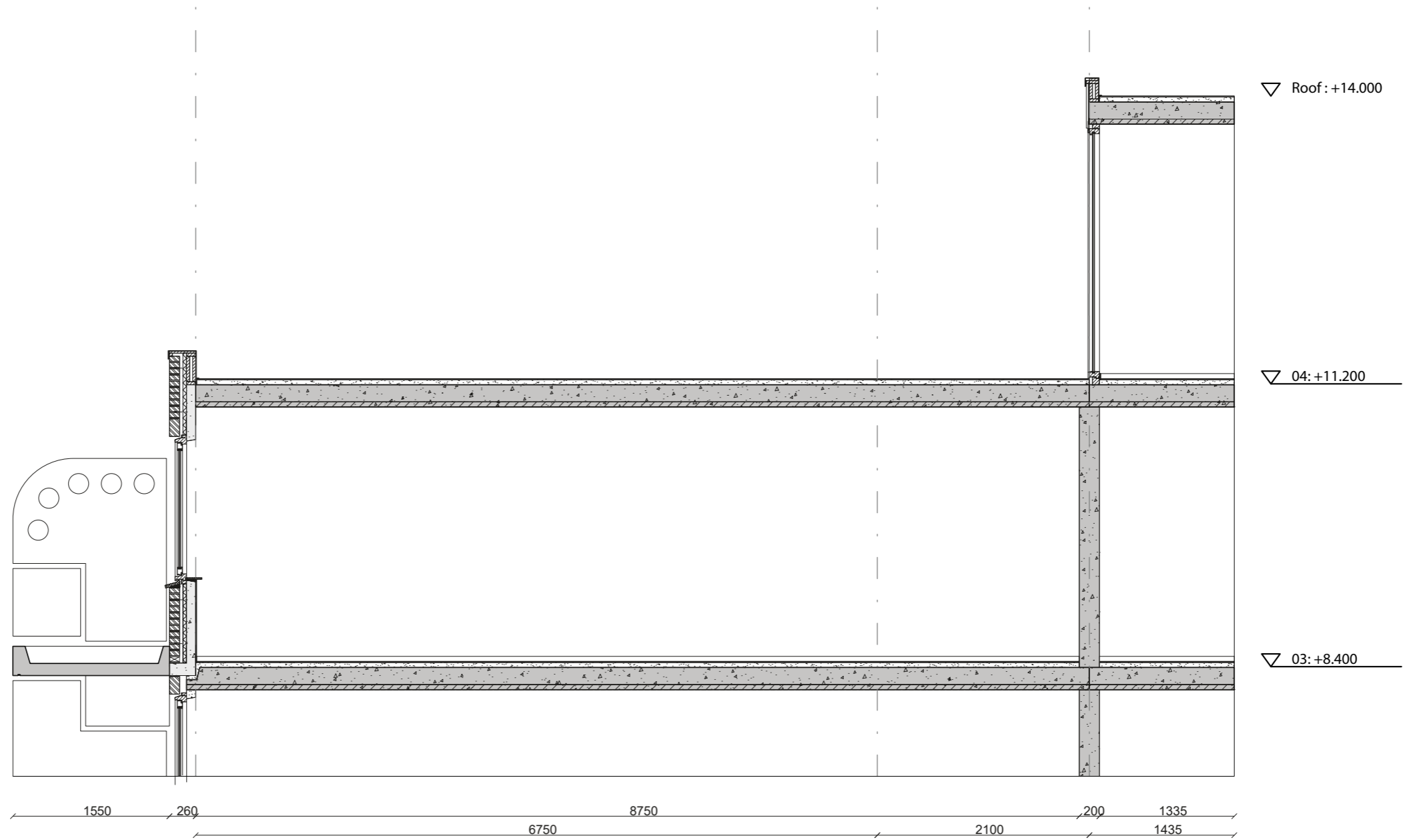
Facade existing
1:500



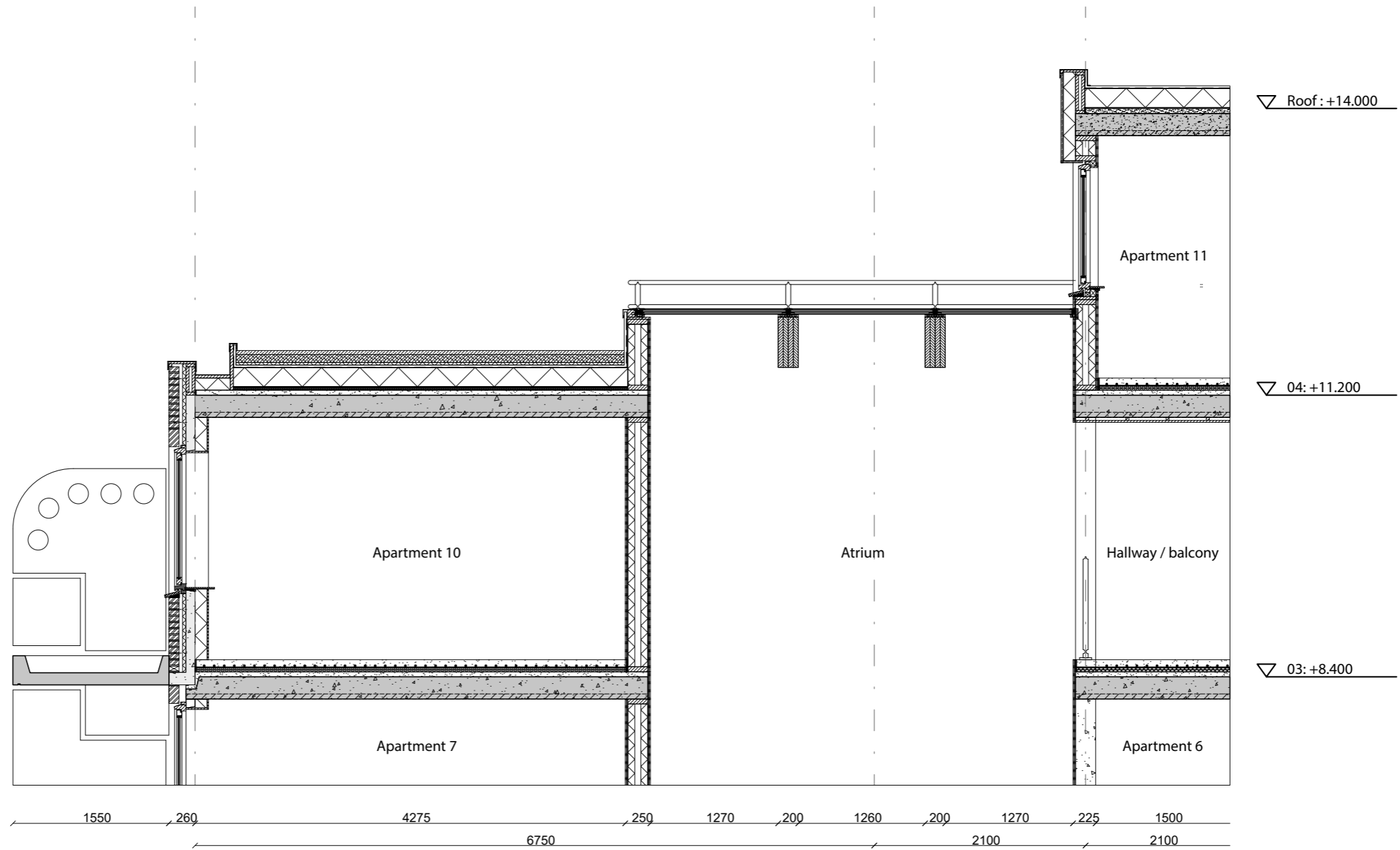
Facade design proposal
1:500



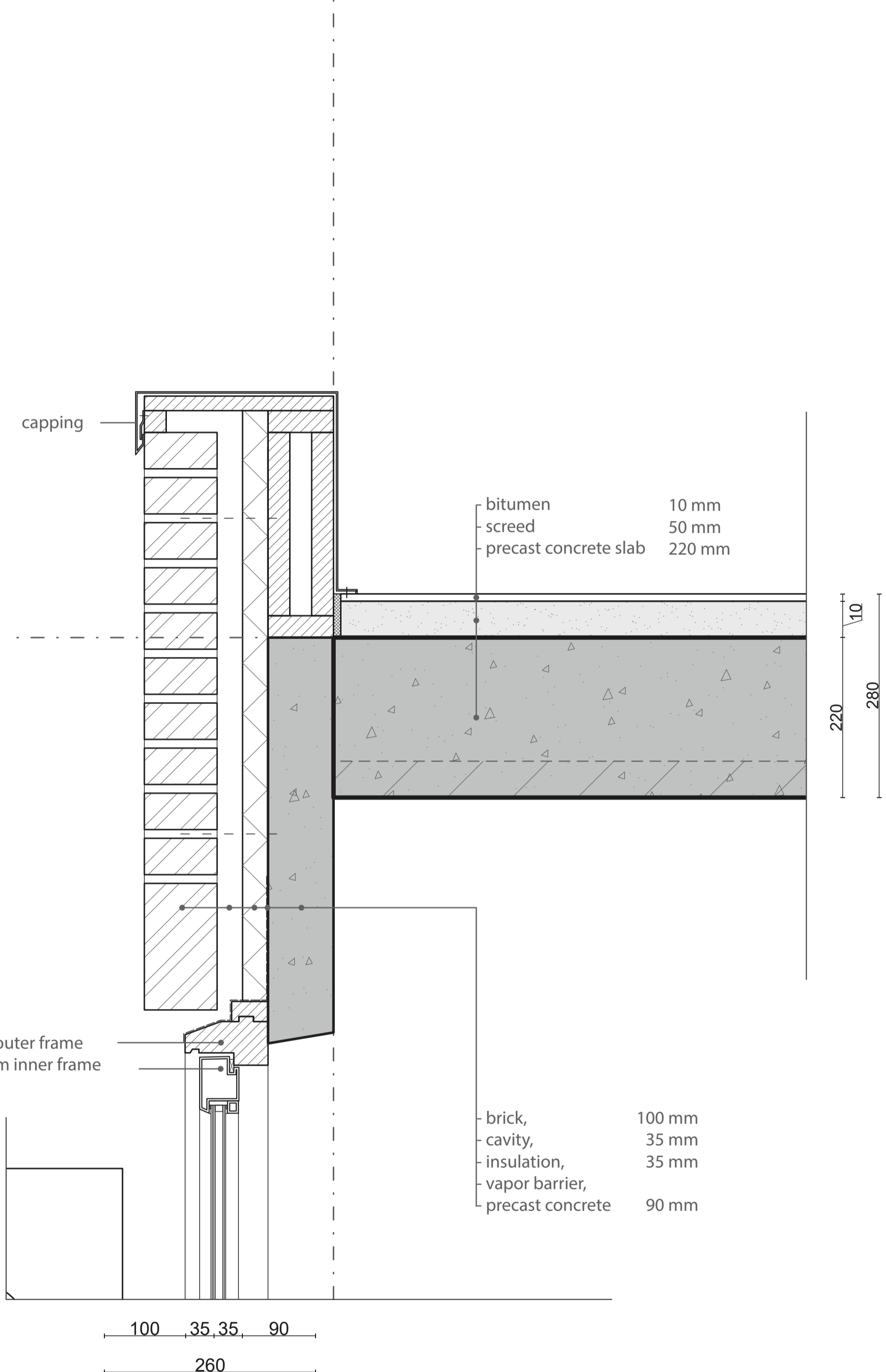
Section Design proposal
1:50



Fragment section existing
1:50



Fragment design proposal
1:50



capping

bitumen 10 mm
 screed 50 mm
 precast concrete slab 220 mm

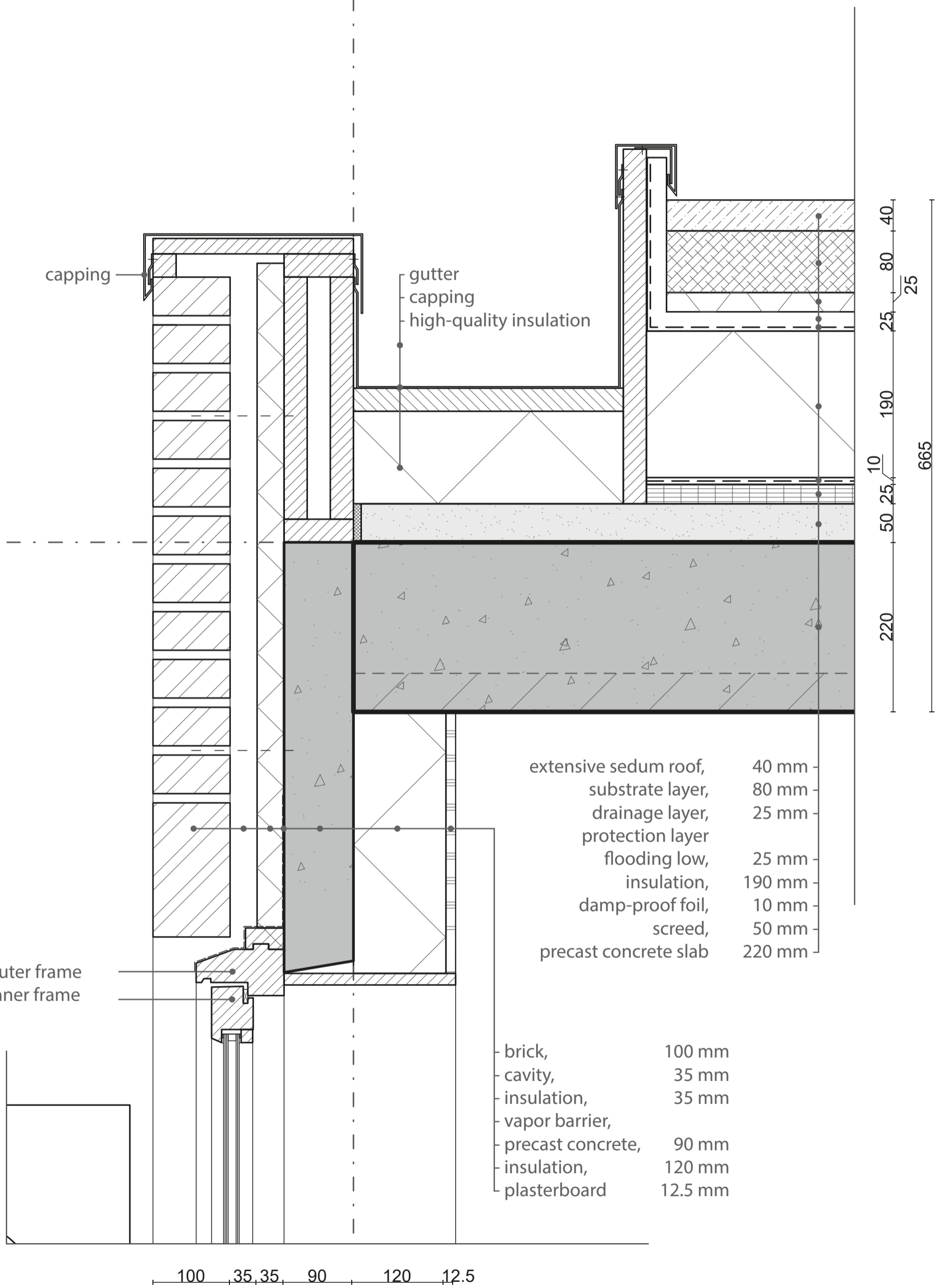
10
 220
 280

wooden outer frame
 aluminium inner frame

brick, 100 mm
 cavity, 35 mm
 insulation, 35 mm
 vapor barrier,
 precast concrete 90 mm

100 35 35 90
 260

Vertical detail Facade - Roof
 Existing situation
 1:5



- extensive sedum roof, 40 mm
- substrate layer, 80 mm
- drainage layer, 25 mm
- protection layer, 25 mm
- flooding low, 25 mm
- insulation, 190 mm
- damp-proof foil, 10 mm
- screed, 50 mm
- precast concrete slab, 220 mm

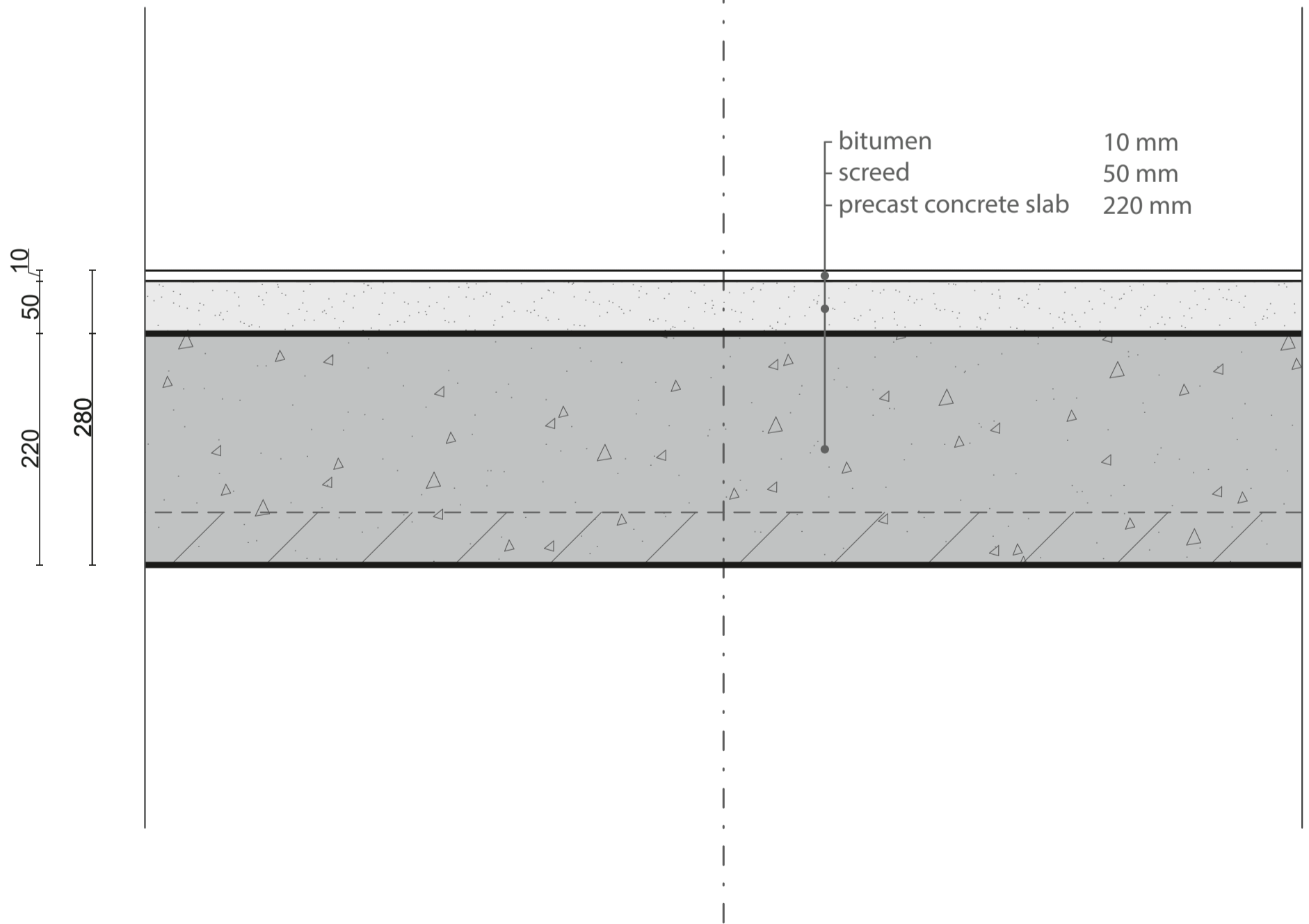
- brick, 100 mm
- cavity, 35 mm
- insulation, 35 mm
- vapor barrier, 90 mm
- precast concrete, 120 mm
- insulation, 12.5 mm
- plasterboard

40
80
25
190
10
50
220
665

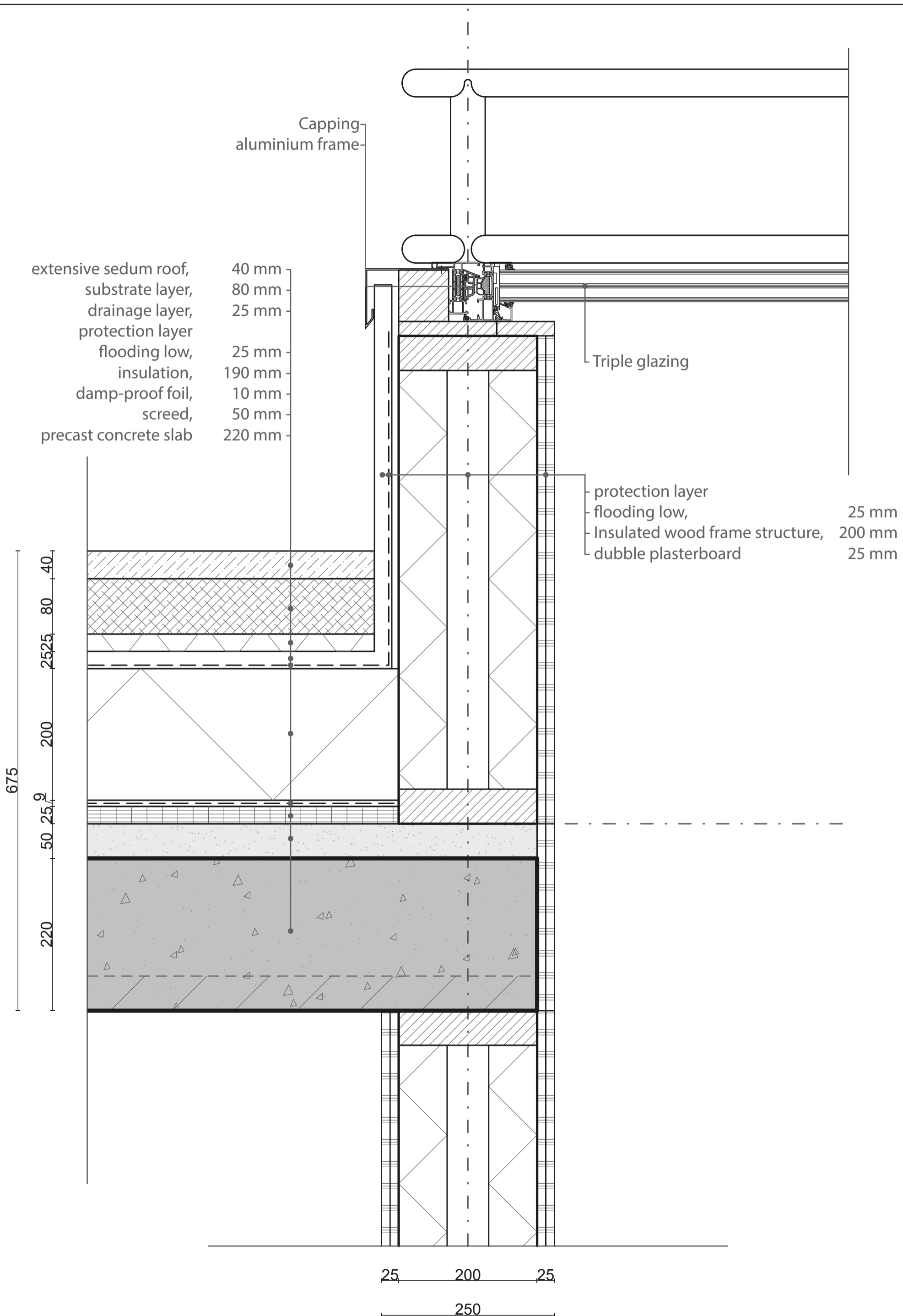
100 35 35 90 120 12.5

392.5

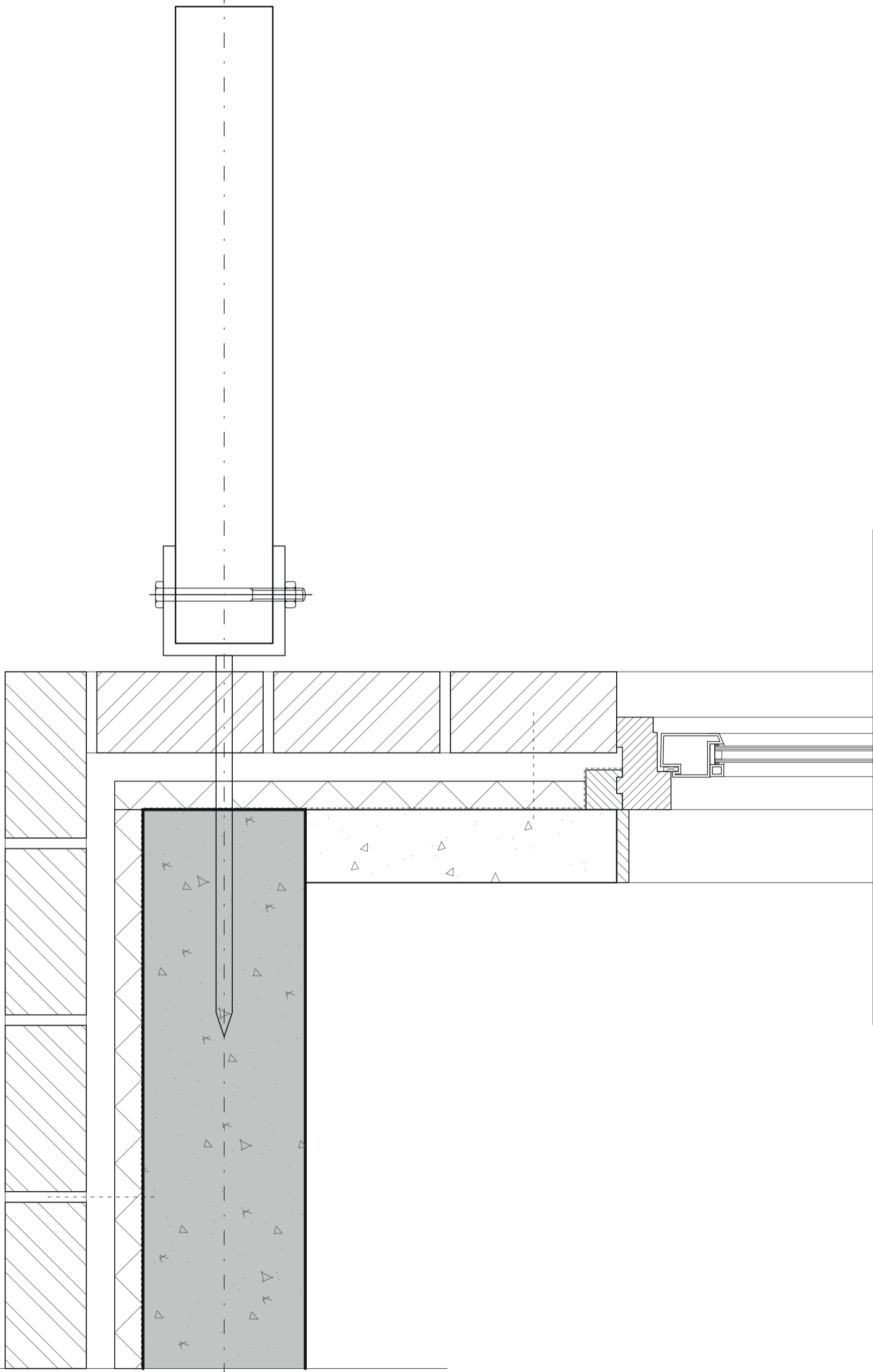
Vertical detail Facade - Roof
Design proposal
1:5



Vertical detail Roof - Atrium
Existing situation
1:5



Vertical detail Roof - Atrium
 Design proposal
 1:5

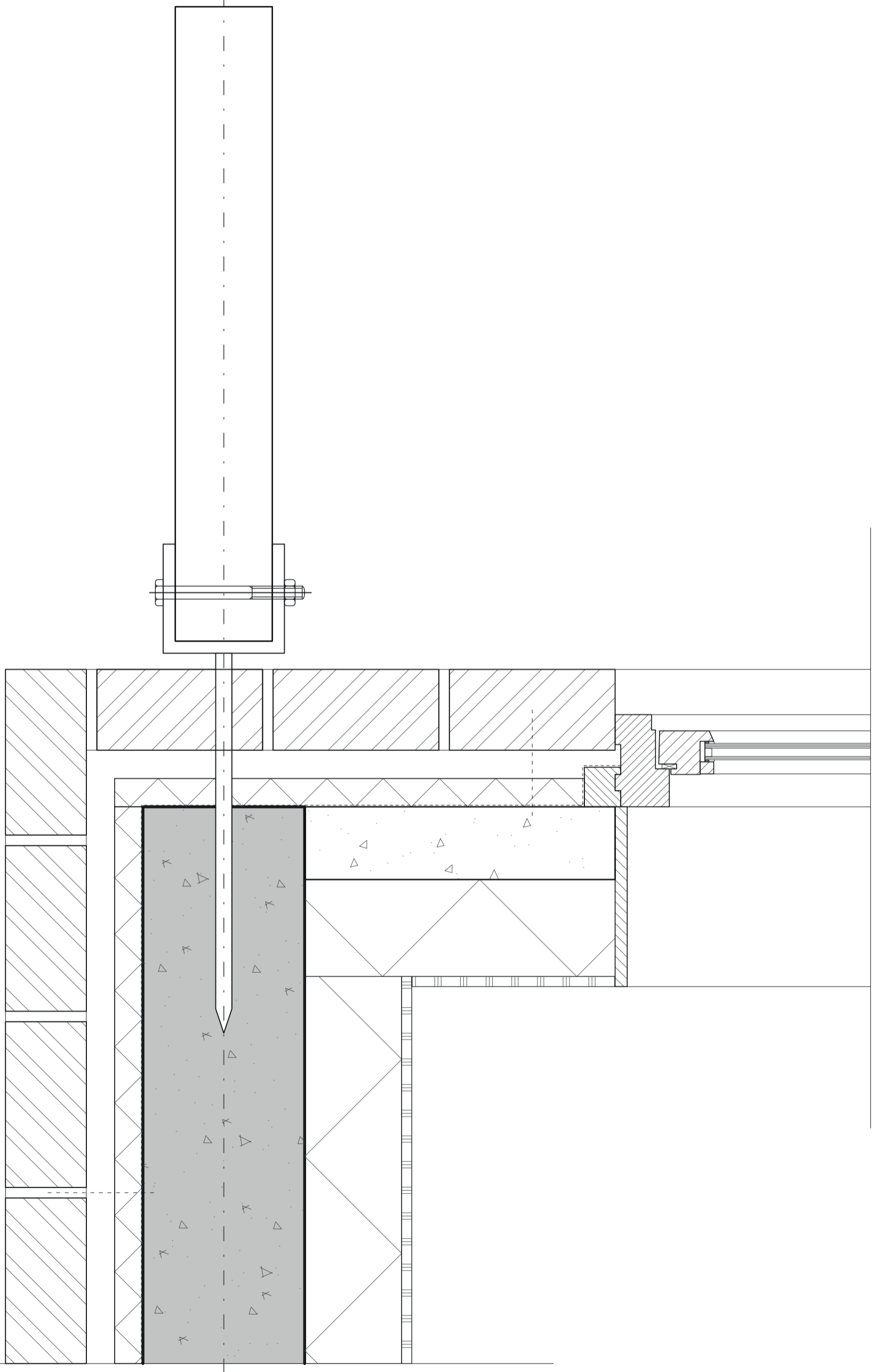


100 35,35 200

370

Horizontal detail corner facade
Existing situation
1:5

90 35,35 100
90 114 56
260



13 120 90 35 35 100
 223 114 56
 392.5

100 35 35 200 120 12.5

502.5
 Horizontal detail corner facade
 Design proposal
 1:5

