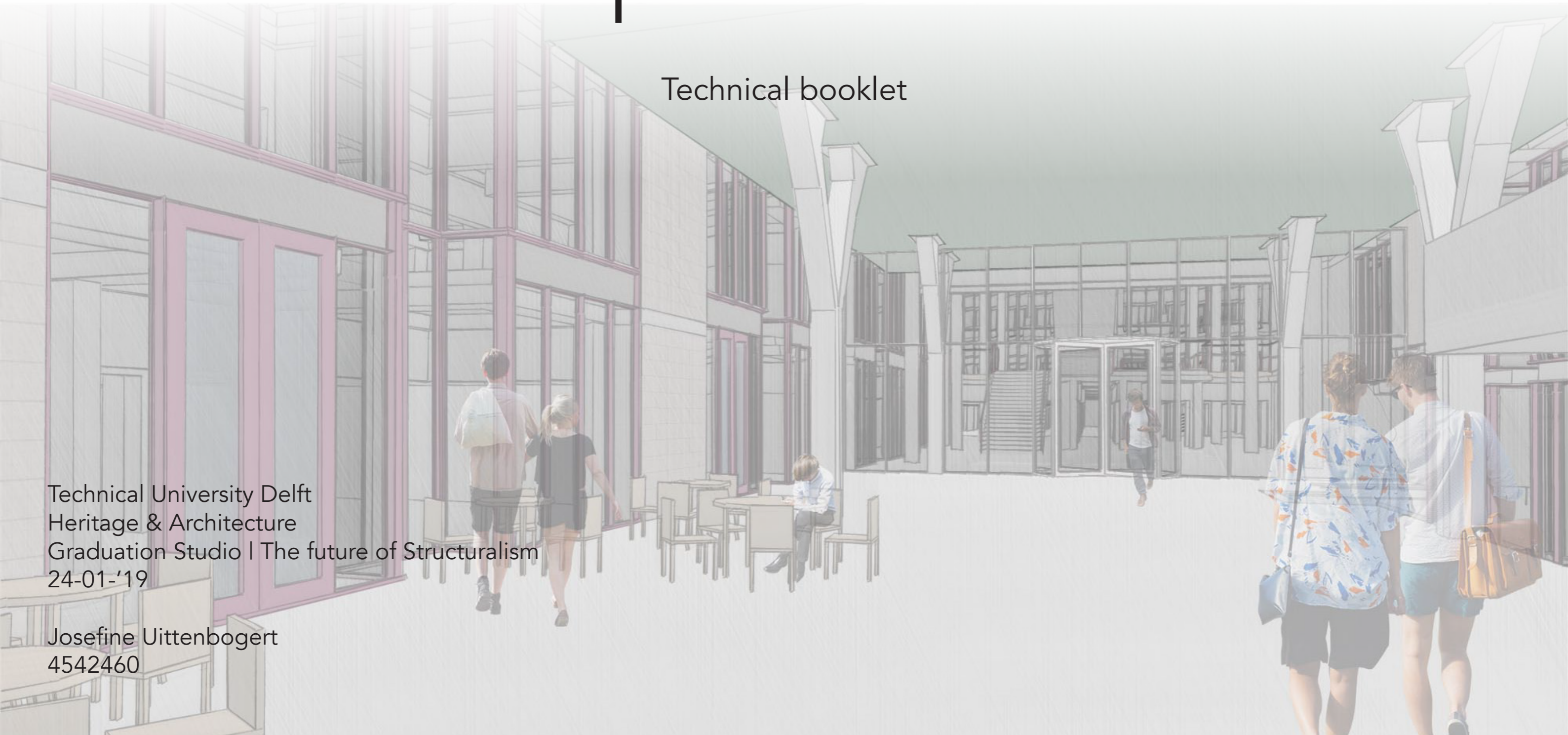


# The new art & dance academy of Apeldoorn.

Technical booklet

Technical University Delft  
Heritage & Architecture  
Graduation Studio | The future of Structuralism  
24-01-'19

Josefine Uittenbogert  
4542460

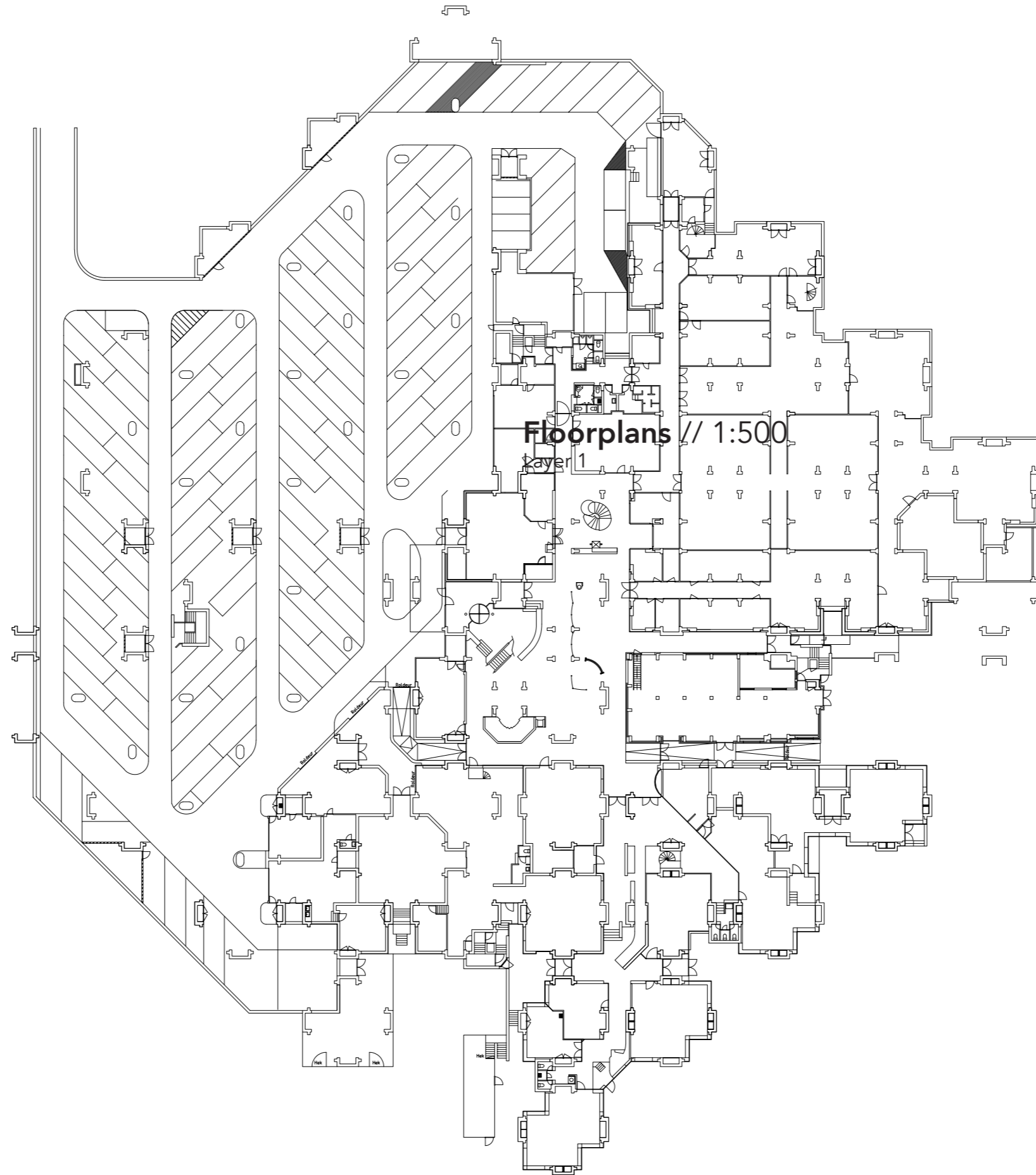


# Situation

Overview

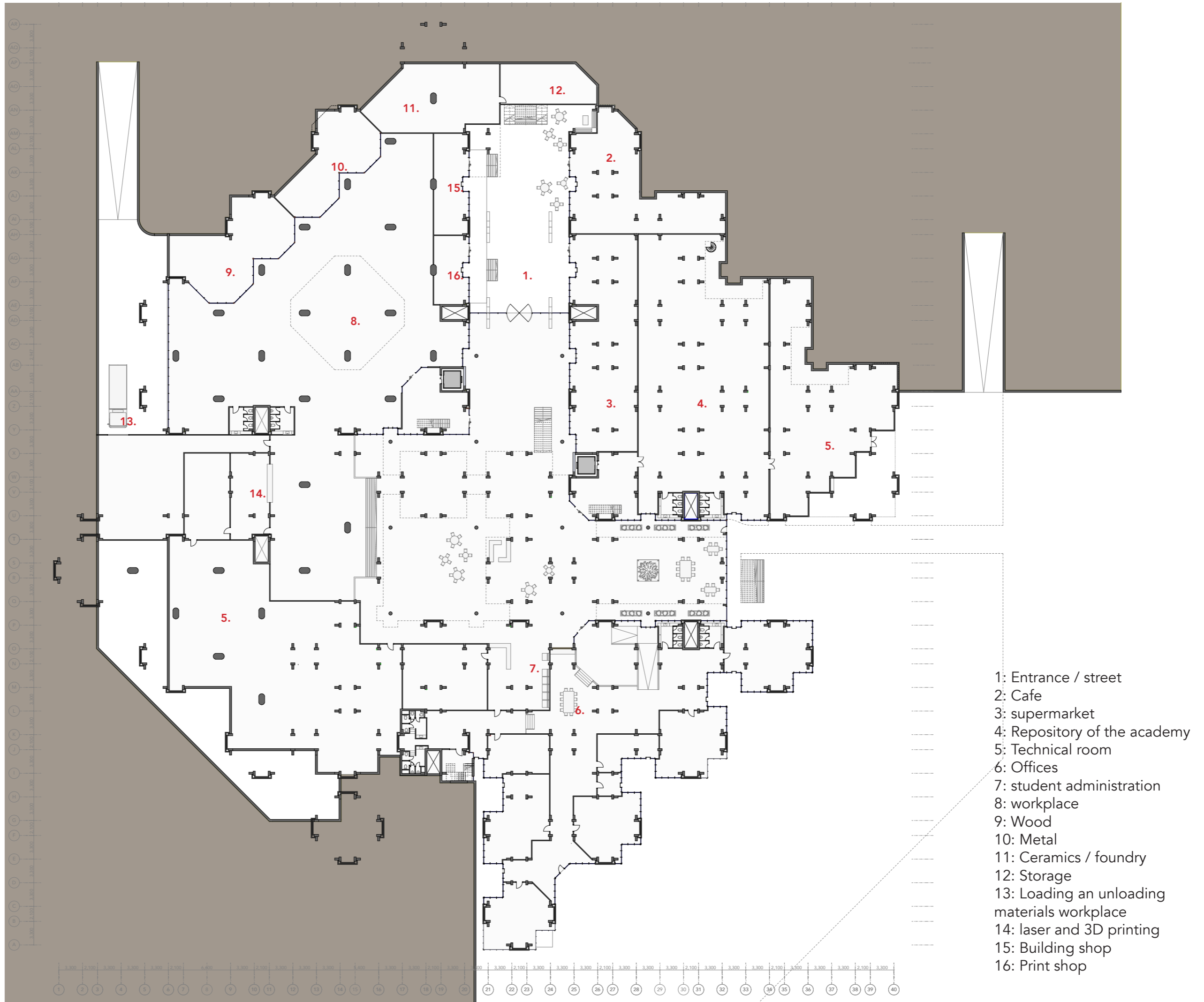


**Floorplans // 1:500**  
Existing layer 0

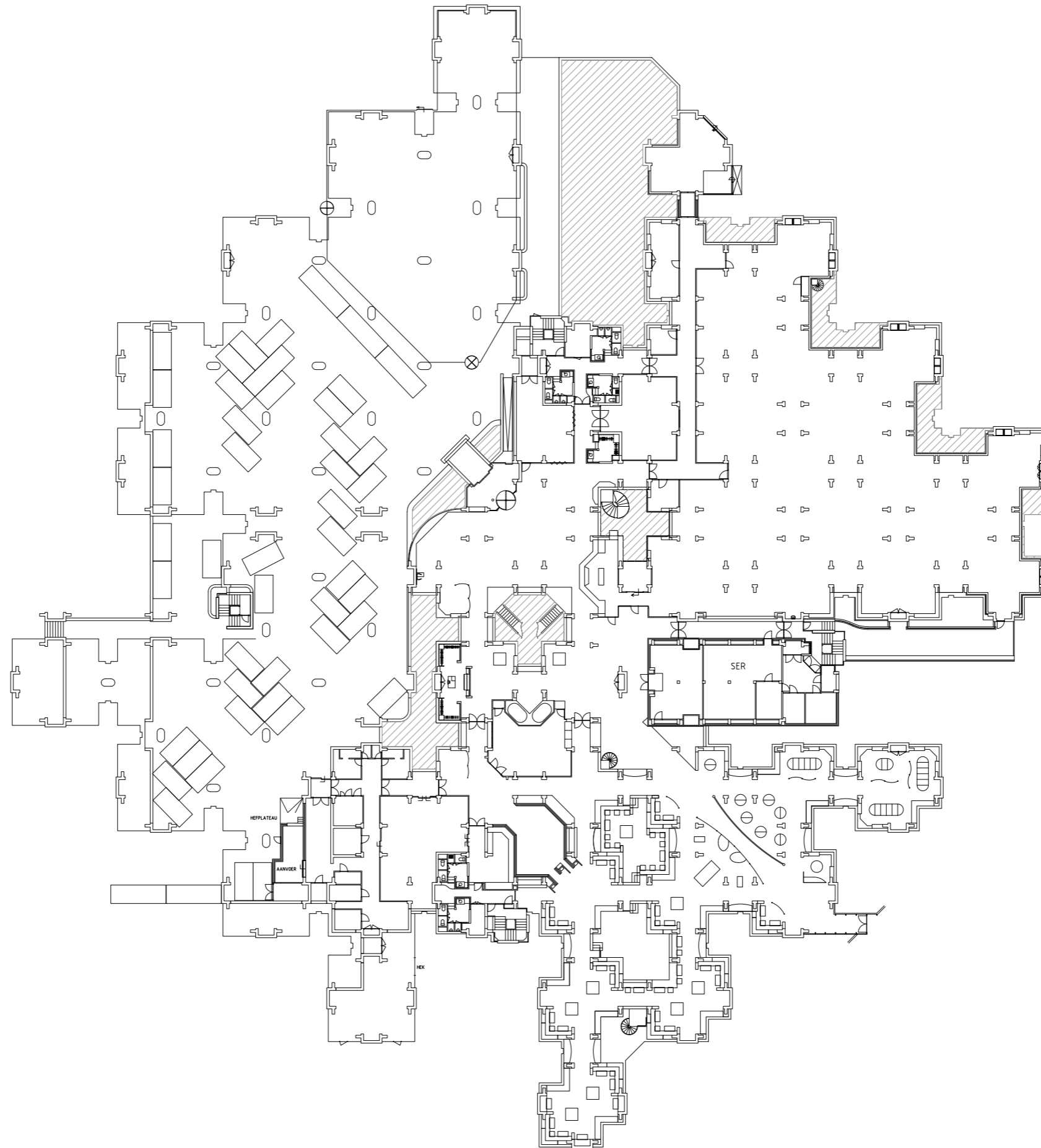


# Floorplans // 1:500

Layer 0

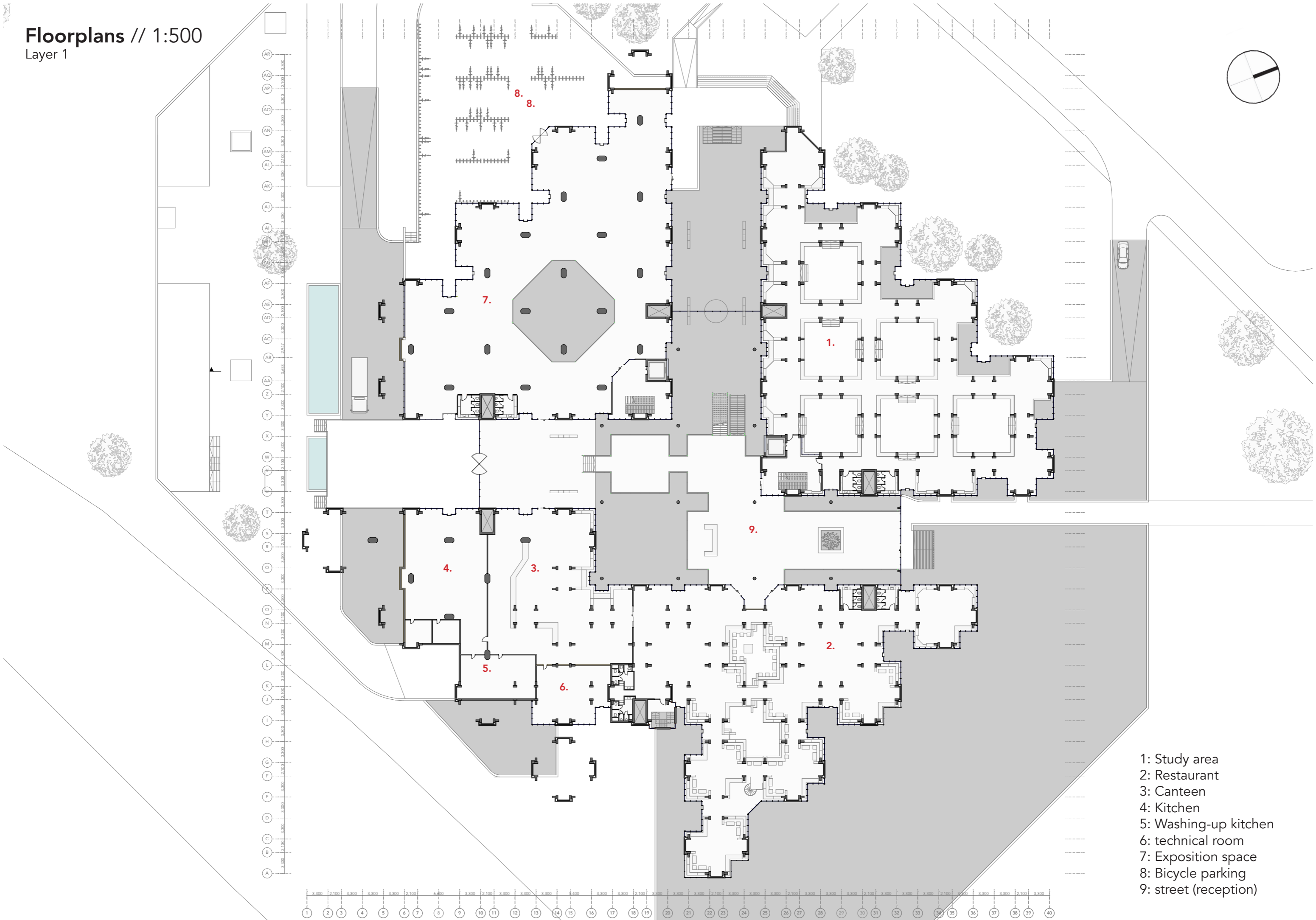
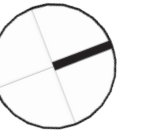


Floorplans // 1:500  
Existing layer 1



# Floorplans // 1:500

Layer 1

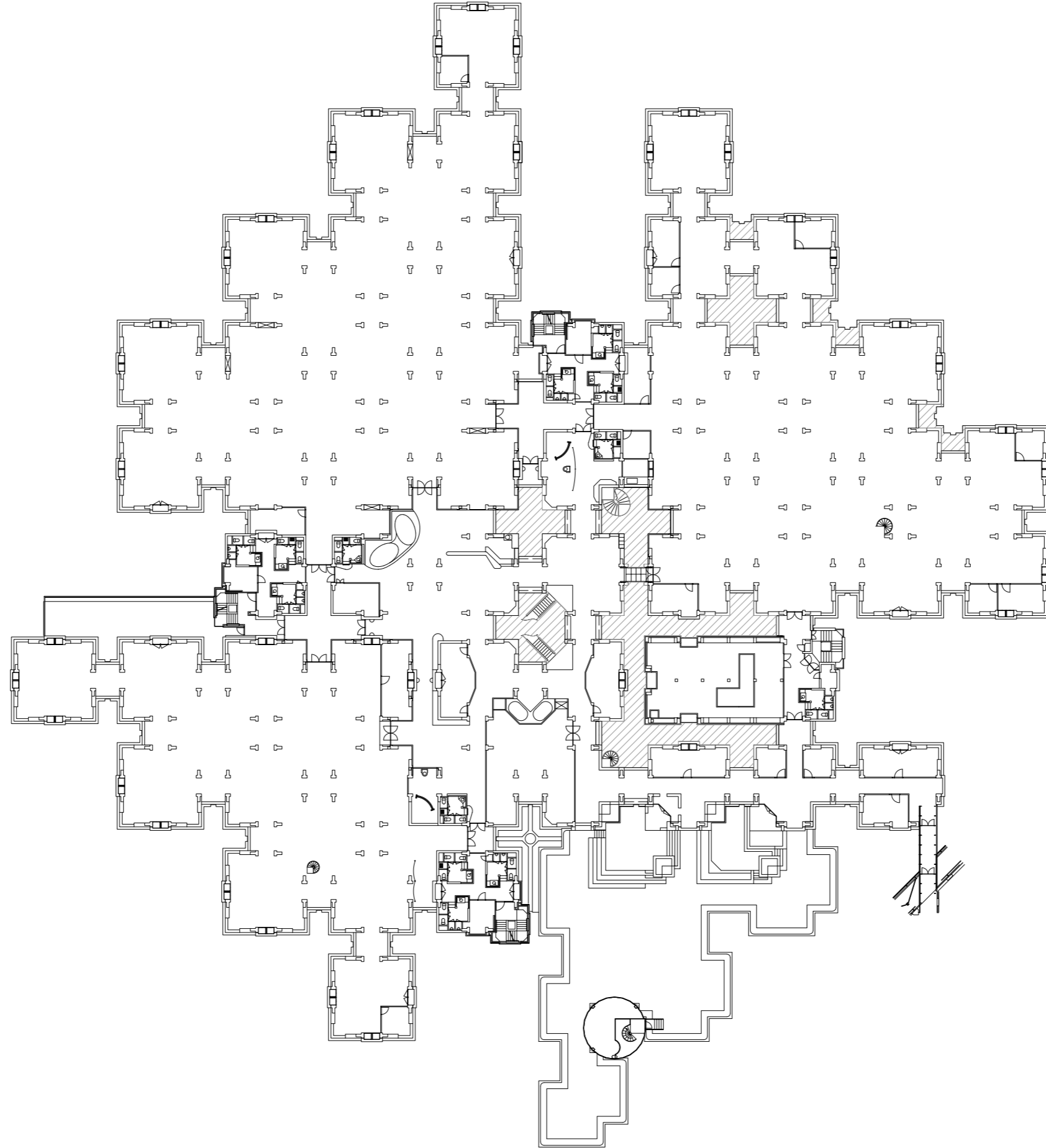


- 1: Study area
- 2: Restaurant
- 3: Canteen
- 4: Kitchen
- 5: Washing-up kitchen
- 6: technical room
- 7: Exposition space
- 8: Bicycle parking
- 9: street (reception)

AR 3.300  
AC 3.300  
AP 3.300  
AD 3.300  
AN 3.300  
AM 3.300  
AL 3.300  
AK 3.300  
AJ 3.300  
AI 3.300  
AH 3.300  
AG 3.300  
AF 3.300  
AE 3.300  
AD 3.300  
AC 3.300  
AB 3.300  
AA 3.300  
Z 3.300  
Y 3.300  
X 3.300  
W 3.300  
V 3.300  
U 3.300  
T 3.300  
S 3.300  
R 3.300  
Q 3.300  
P 3.300  
O 3.300  
N 3.300  
M 3.300  
L 3.300  
K 3.300  
J 3.300  
I 3.300  
H 3.300  
G 3.300  
F 3.300  
E 3.300  
D 3.300  
C 3.300  
B 3.300  
A 3.300

1 3.300 2 2.100 3 3.300 4 3.300 5 3.300 6 1.200 7 6.400 8 3.300 9 2.100 10 3.300 11 3.300 12 3.300 13 4.400 14 3.300 15 3.300 16 2.100 17 3.300 18 3.300 19 3.300 20 3.300 21 3.300 22 2.100 23 3.300 24 3.300 25 3.300 26 2.100 27 3.300 28 3.300 29 3.300 30 2.100 31 3.300 32 3.300 33 3.300 34 2.100 35 3.300 36 3.300 37 2.100 38 3.300 39 3.300 40 3.300

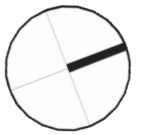
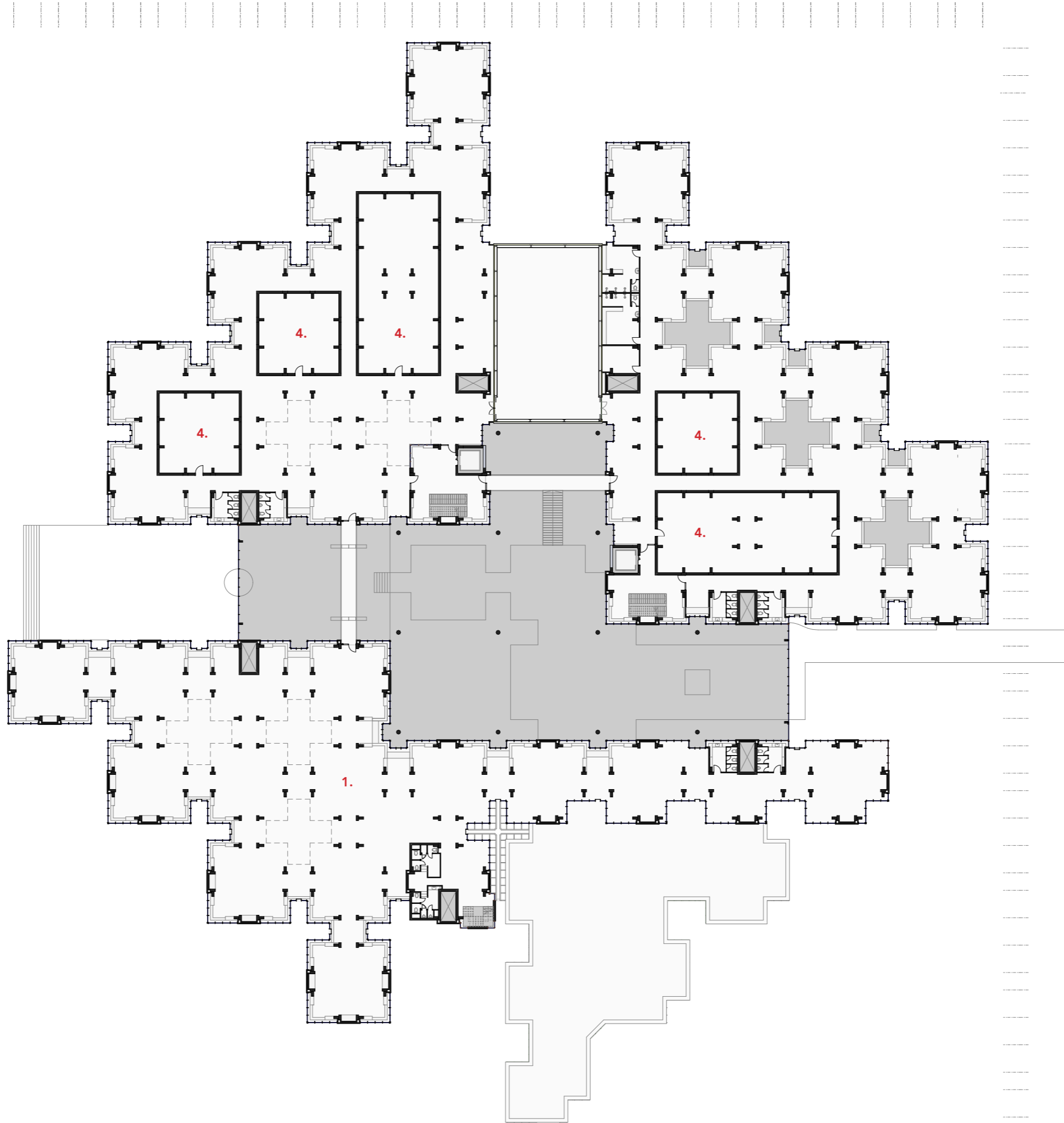
**Floorplans // 1:500**  
Existing layer 2



# Floorplans // 1:500

Layer 2

- AR 3.300
- AO 4.100
- AP 3.300
- AO 3.300
- AN 3.300
- AM 3.300
- AL 4.100
- AK 3.300
- AI 3.300
- AI 3.300
- AH 4.100
- AC 3.300
- AF 3.300
- AE 4.100
- AD 3.300
- AC 3.300
- AB 2.947
- AA 3.653
- Z 4.100
- Y 3.300
- X 3.300
- W 3.300
- V 4.100
- U 3.300
- L 3.300
- T 3.300
- S 4.100
- R 3.300
- C 3.300
- P 3.300
- C 3.300
- Z 4.100
- M 3.300
- C 3.300
- F 3.300
- L 4.100
- I 3.300
- H 3.300
- G 4.100
- F 3.300
- E 3.300
- D 3.300
- C 4.100
- B 3.300
- A 3.300

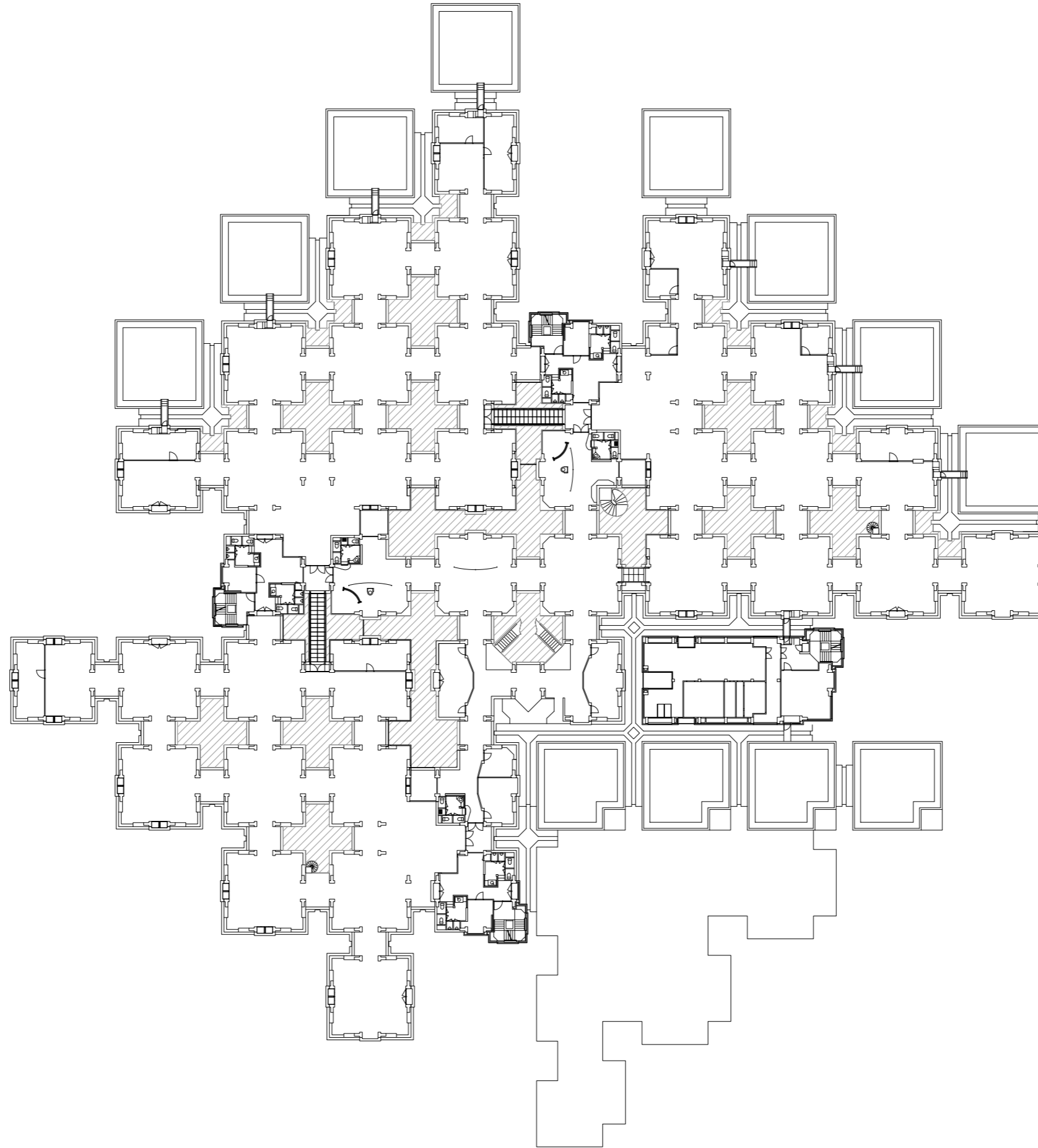


- 1 3.300
- 2 2.100
- 3 3.300
- 4 3.300
- 5 3.300
- 6 2.100
- 7 3.300
- 8 3.300
- 9 3.300
- 10 2.100
- 11 3.300
- 12 3.300
- 13 3.300
- 14 4.600
- 15 3.300
- 16 3.300
- 17 2.100
- 18 3.300
- 19 3.300
- 20 3.300
- 21 2.100
- 22 3.300
- 23 3.300
- 24 3.300
- 25 2.100
- 26 3.300
- 27 3.300
- 28 2.100
- 29 3.300
- 30 3.300
- 31 2.100
- 32 3.300
- 33 3.300
- 34 2.100
- 35 3.300
- 36 3.300
- 37 2.100
- 38 3.300
- 39 3.300
- 40 3.300

- 1: Atelier:  
Visual arts
- 2: Classroom
- 3: Lecture room
- 4: Dance studio
- 5: Dressing rooms
- 6: storage

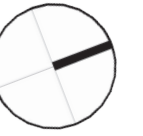
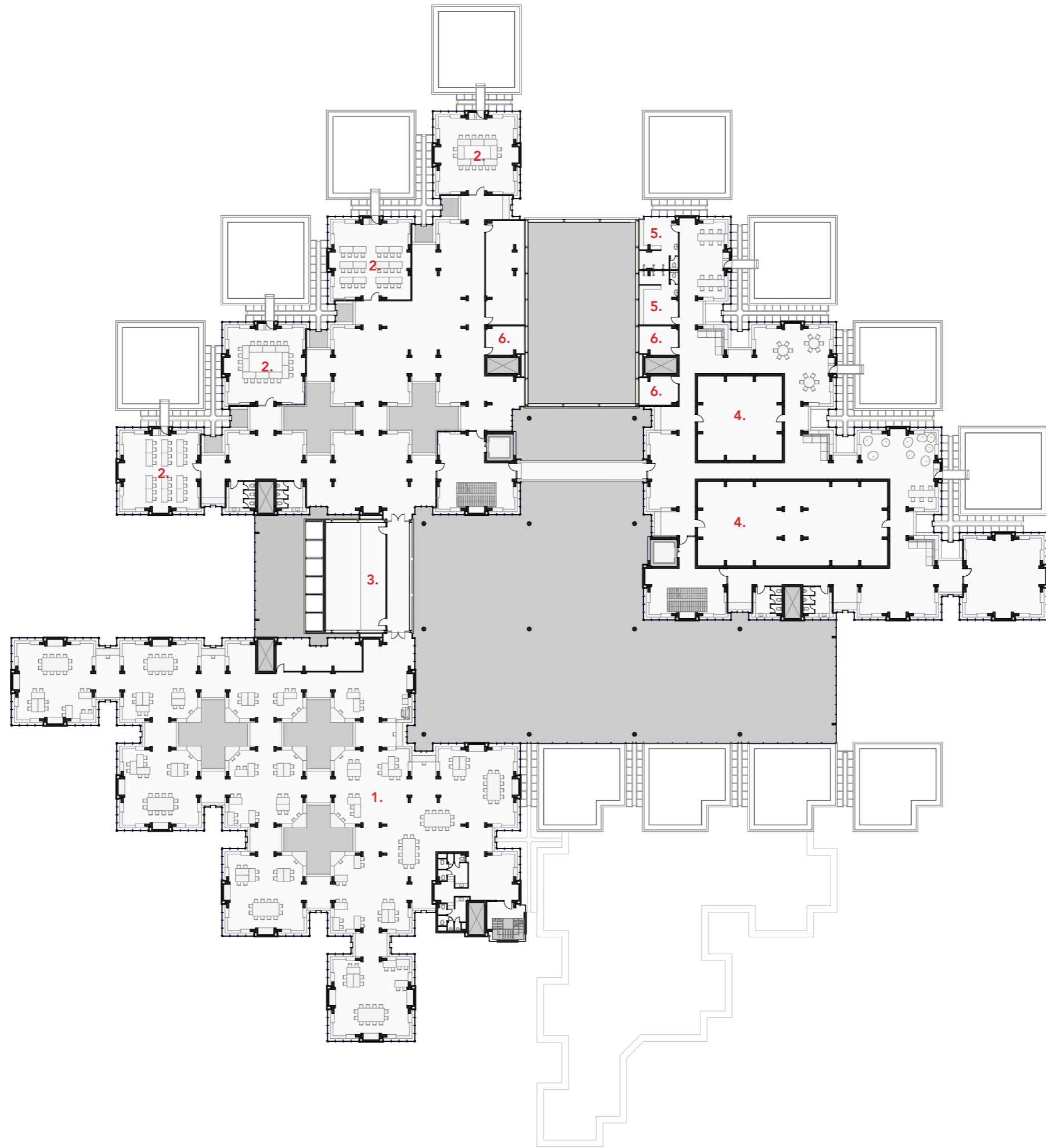


Floorplans // 1:500  
Existing layer 3



# Floorplans // 1:500

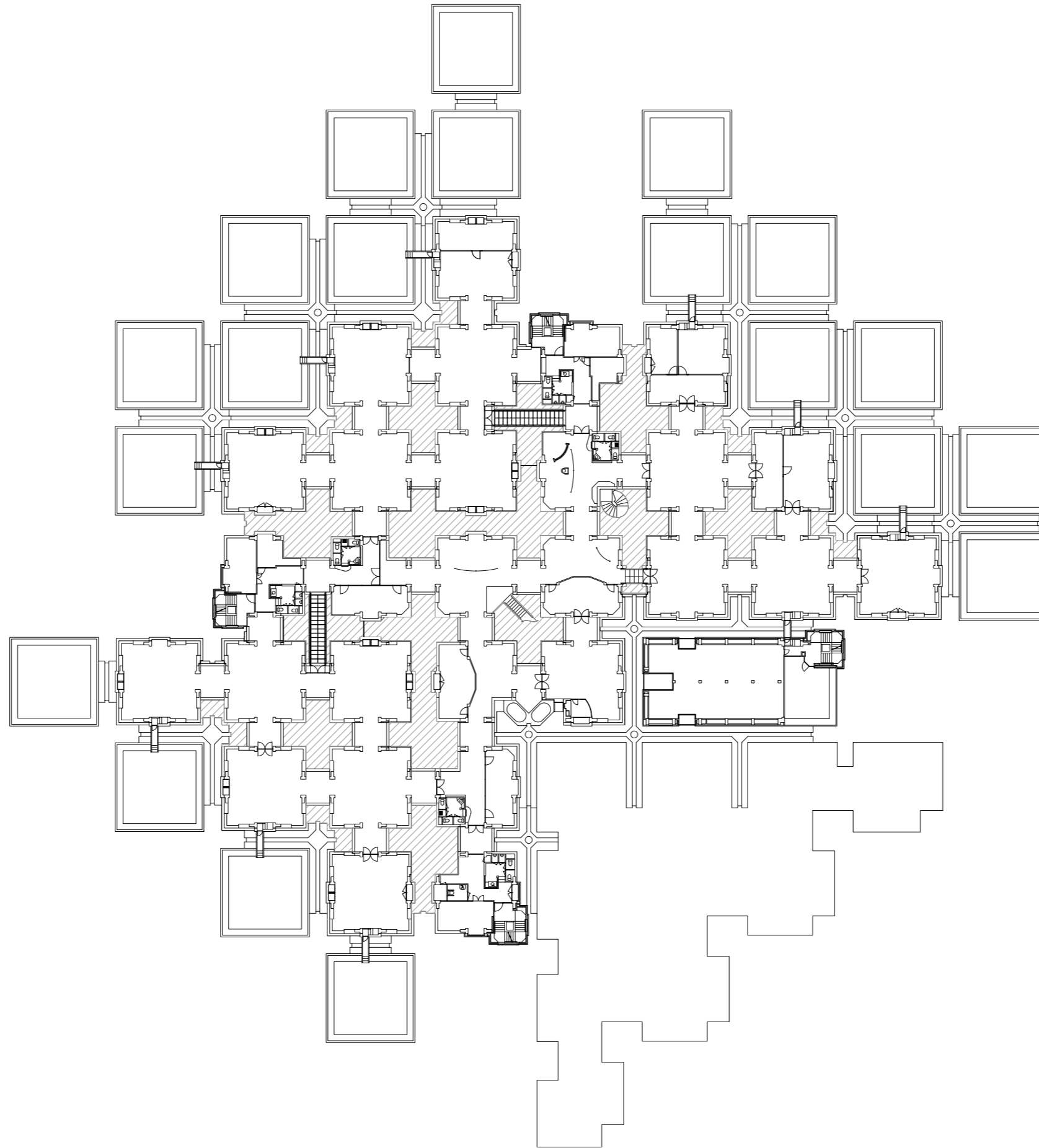
Layer 3



- 1: Atelier:  
Art, communication  
and design
- 2: Classroom
- 3: Lecture room
- 4: Dance studio
- 5: Dressing rooms
- 6: Storage

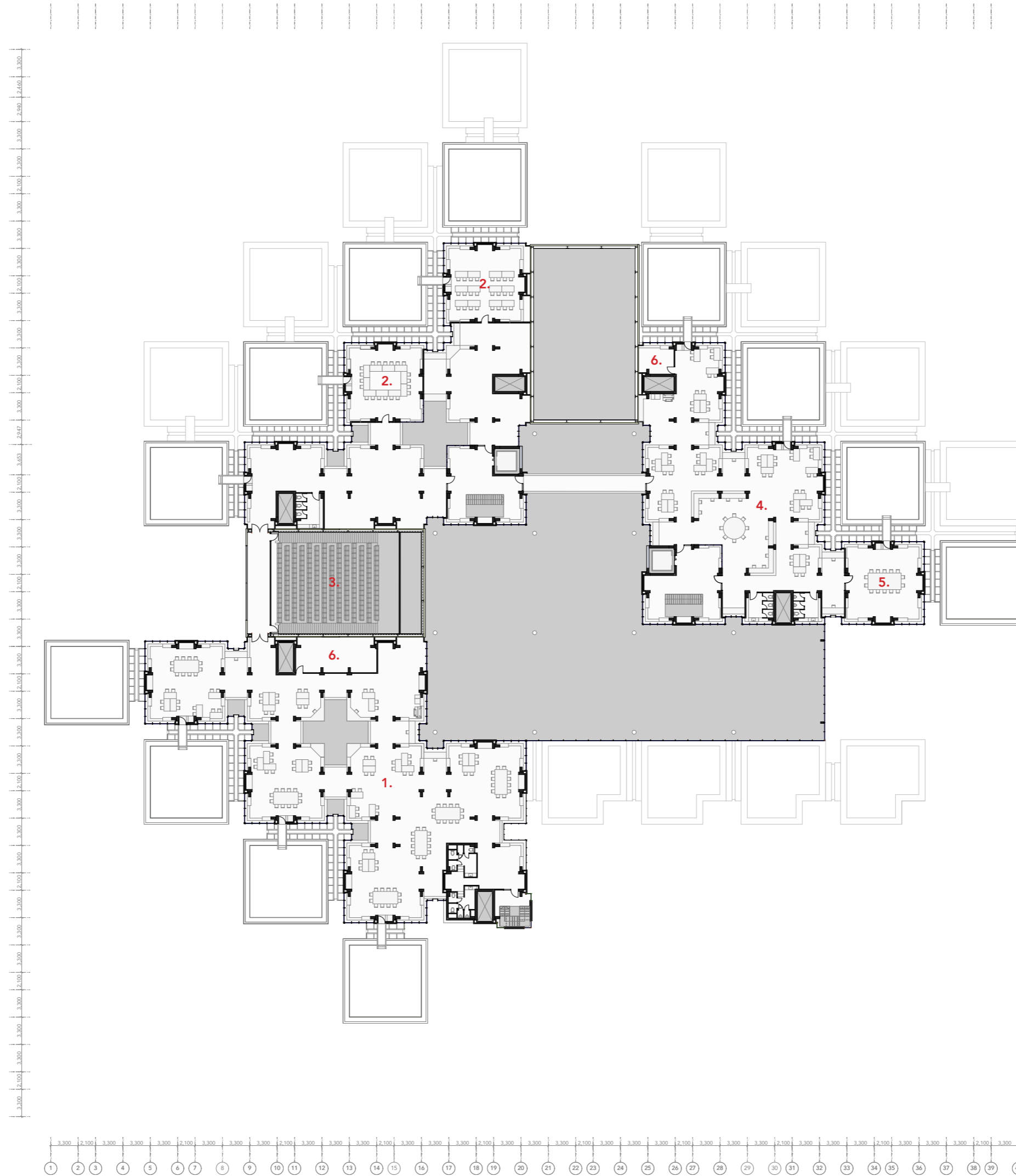
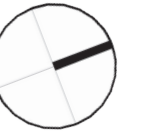
Floorplans // 1:500

Existing layer 4



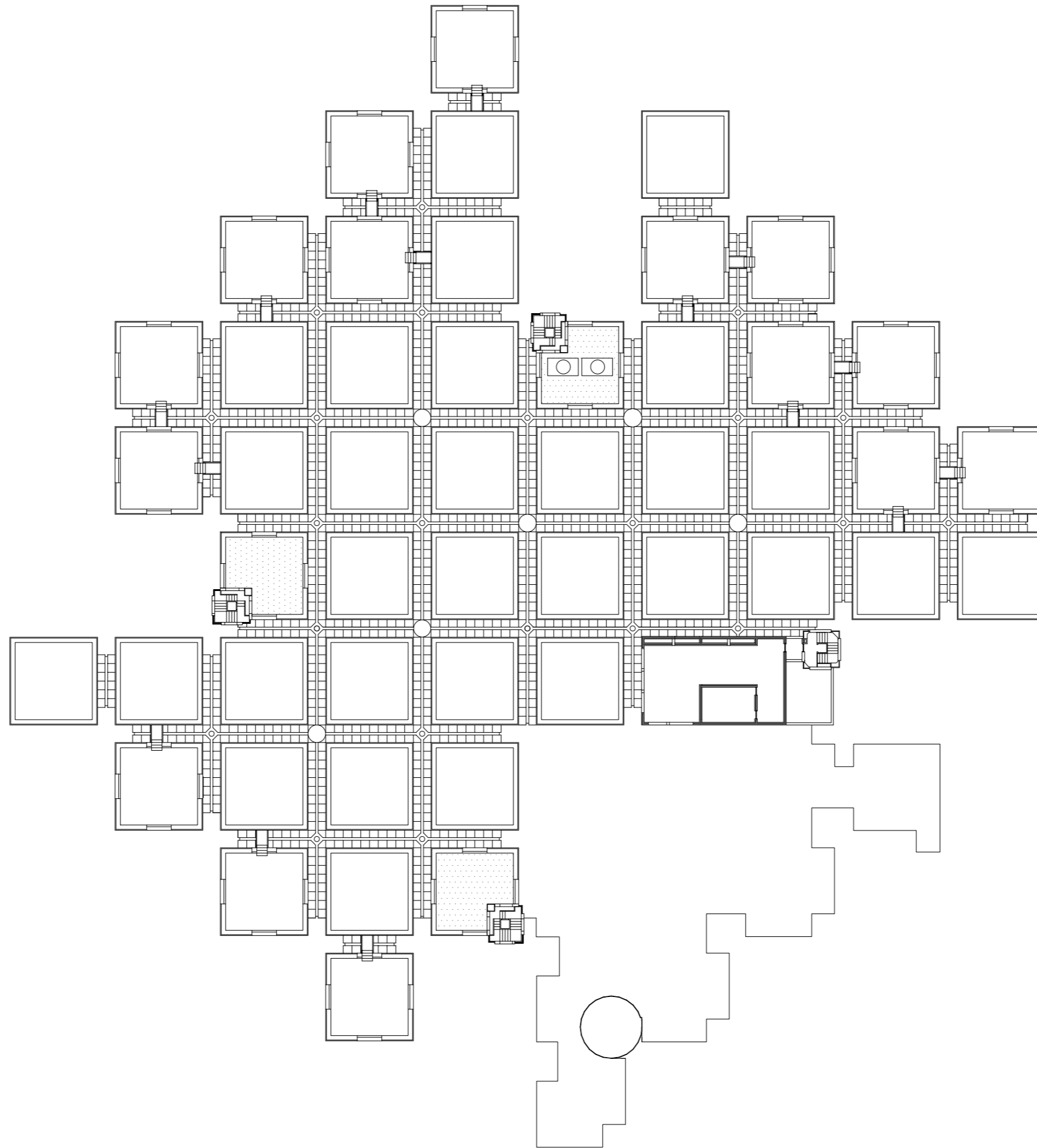
# Floorplans // 1:500

Layer 4



- 1: Atelier:  
master art education
- 2: Classroom
- 3: Lecture room
- 4: Offices
- 5: Meeting room
- 6: storage

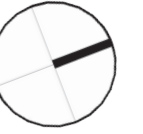
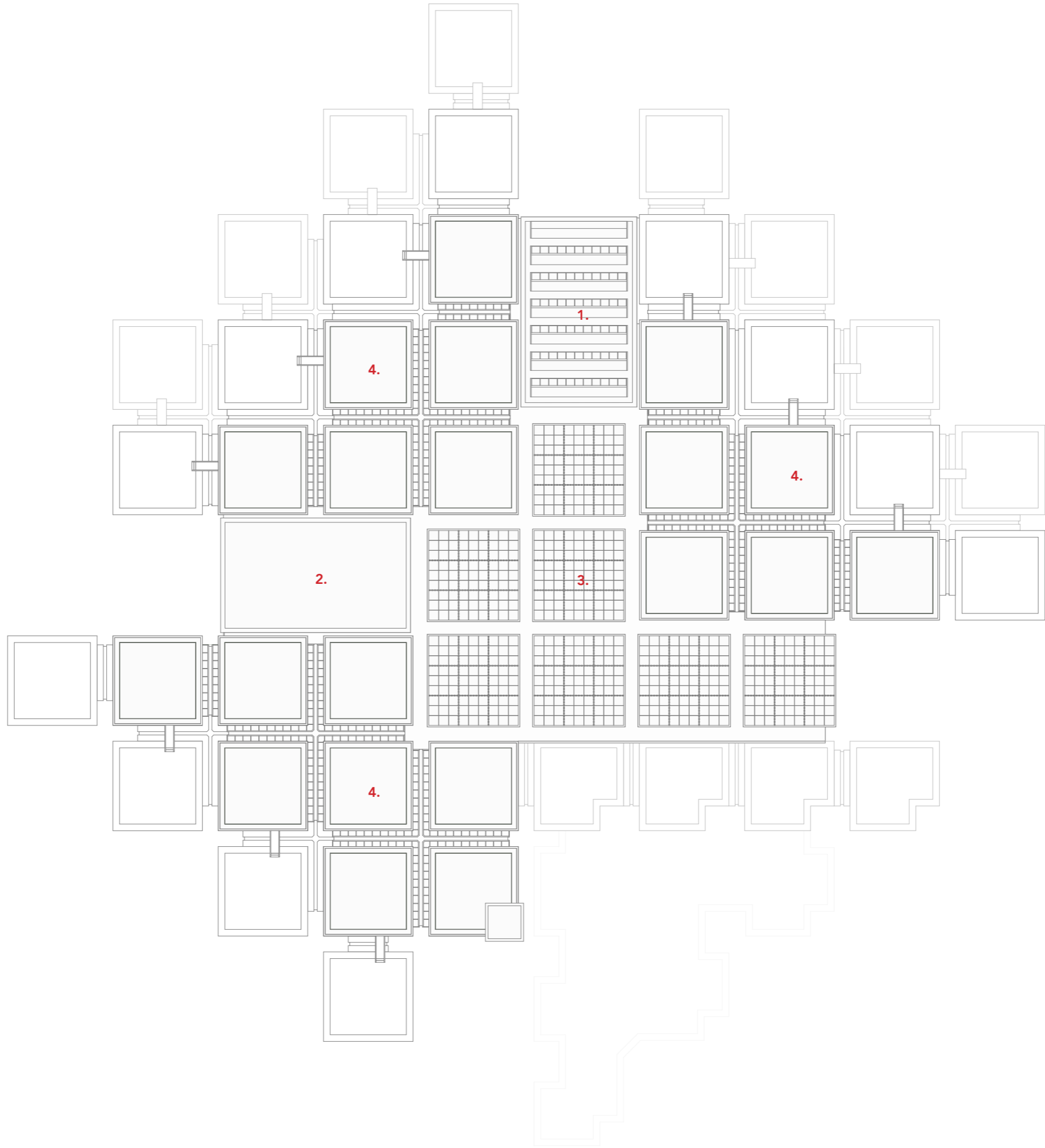
**Floorplans // 1:500**  
Existing roof



# Floorplans // 1:500

Roof

AR  
AO  
AP  
AO  
AN  
AM  
AL  
AK  
AJ  
AI  
AH  
AG  
AF  
AE  
AD  
AC  
AB  
AA  
Z  
Y  
X  
W  
V  
U  
T  
S  
R  
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D  
C  
B  
A

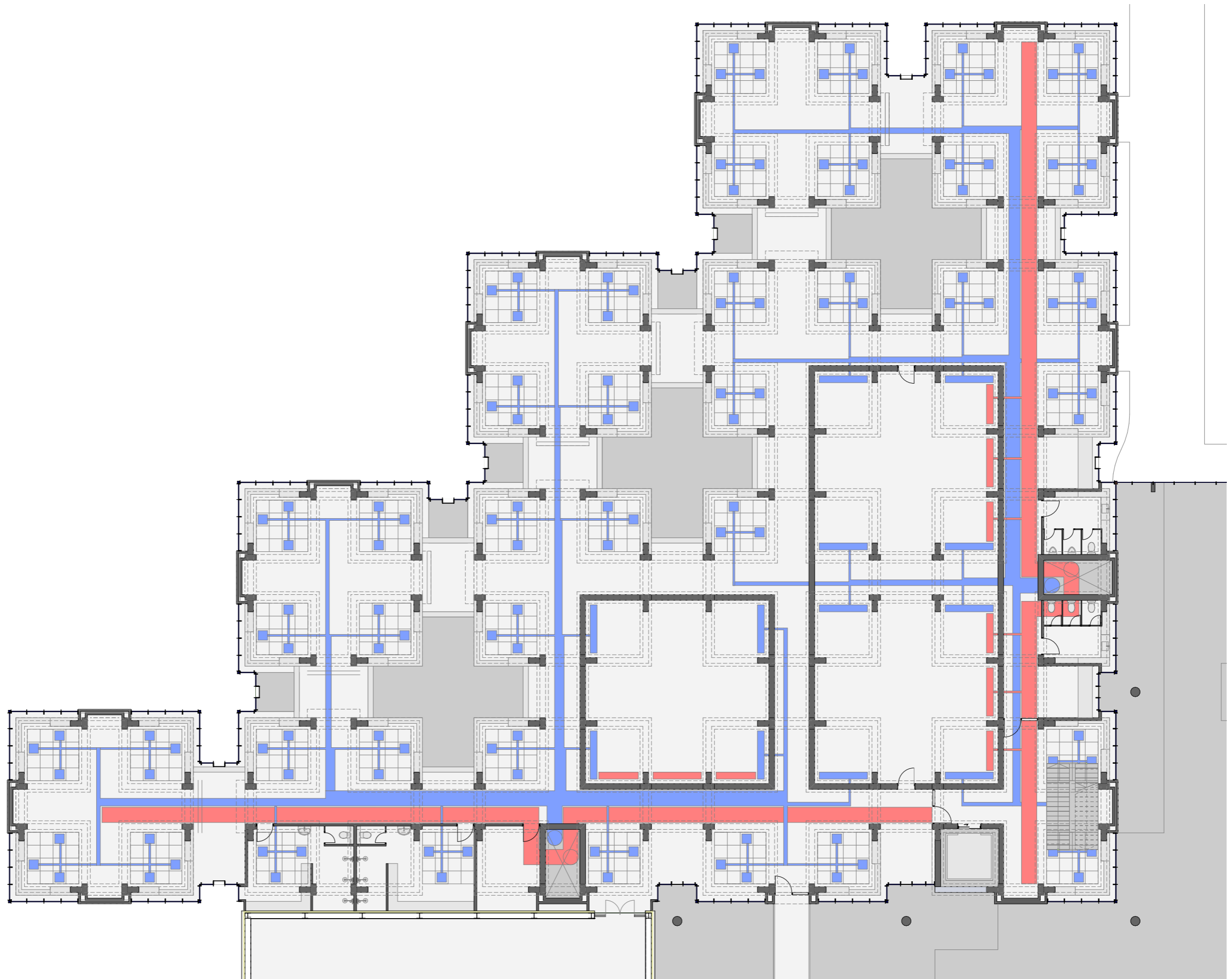


- 1: Roof Dance hall
- 2: Roof lecture room
- 3: New roof
- 4: Existing roof

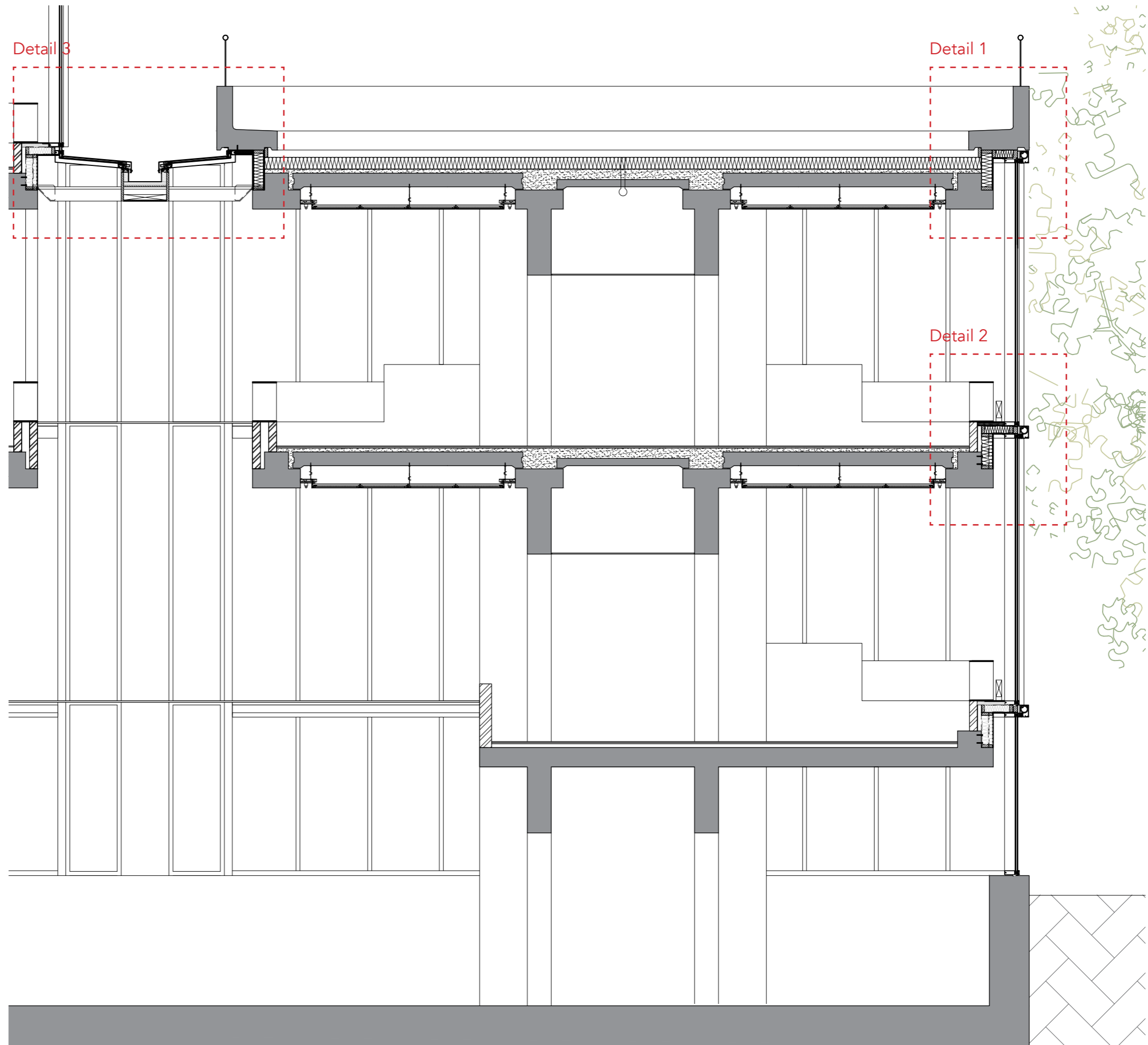
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

# Ventilation // 1:200

Layer 2

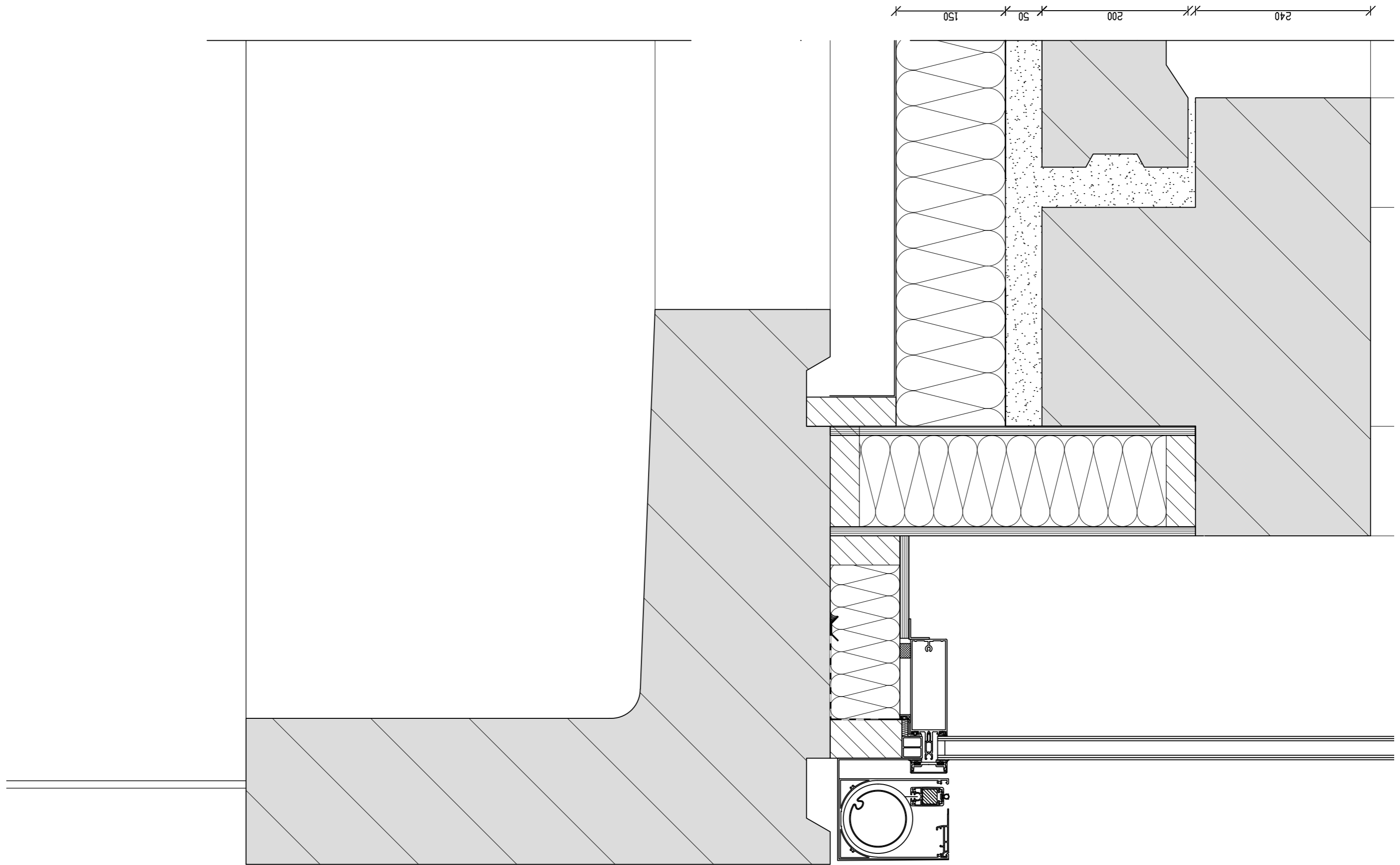


**Fragment // 1:20**  
Existing facade

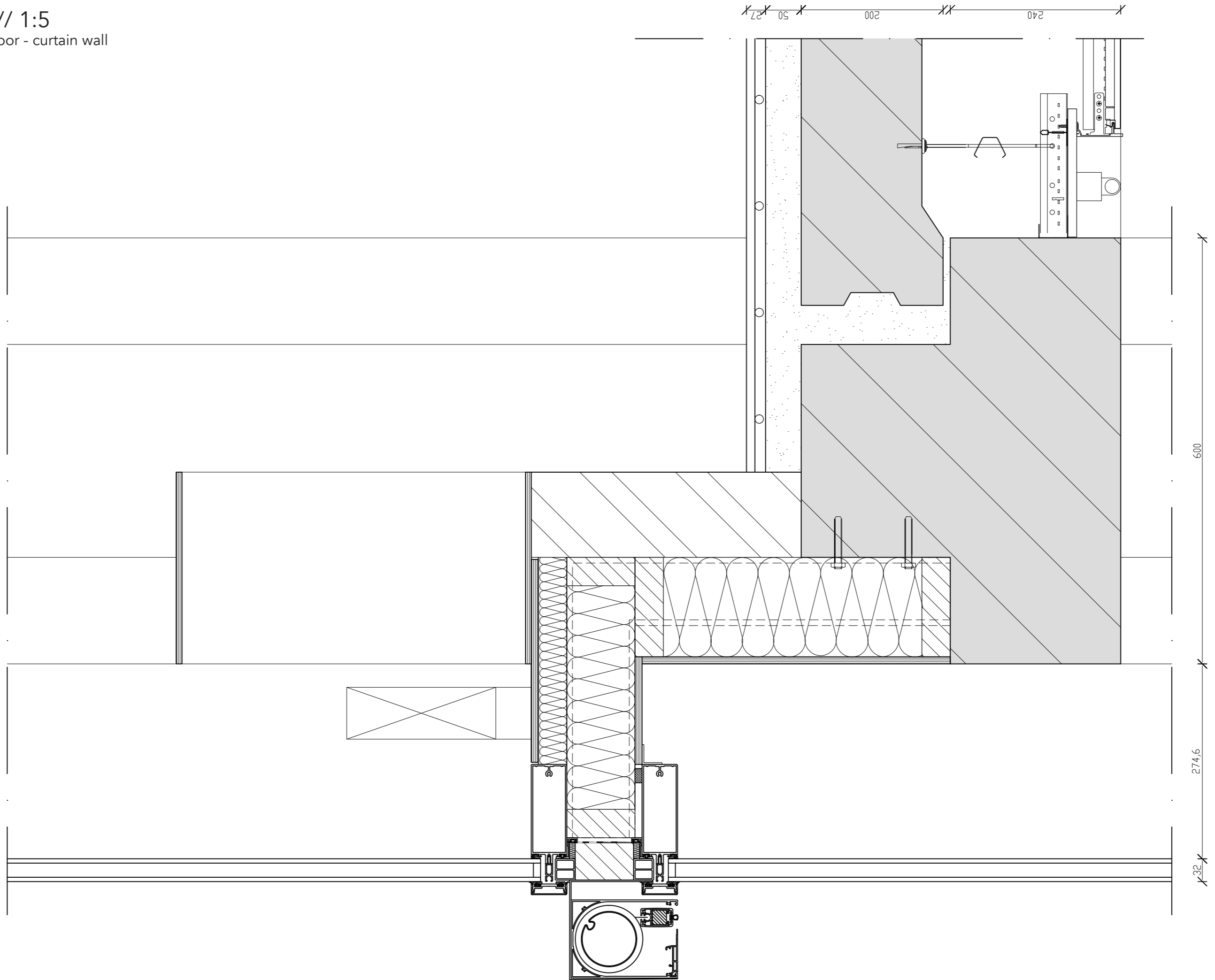




**Detail 1 // 1:5**  
Roof detail existing structure

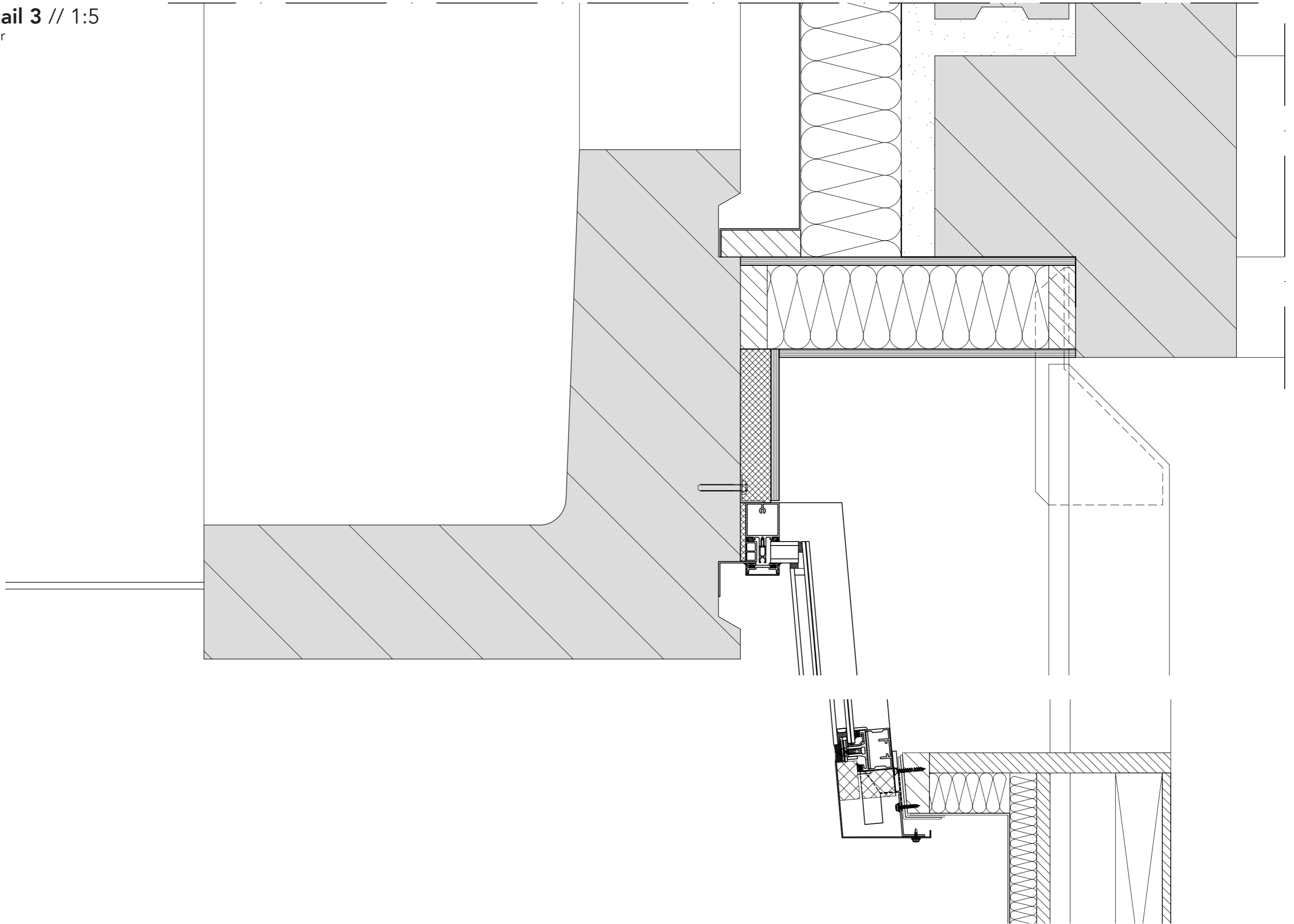


**Detail 2 // 1:5**  
Connection floor - curtain wall



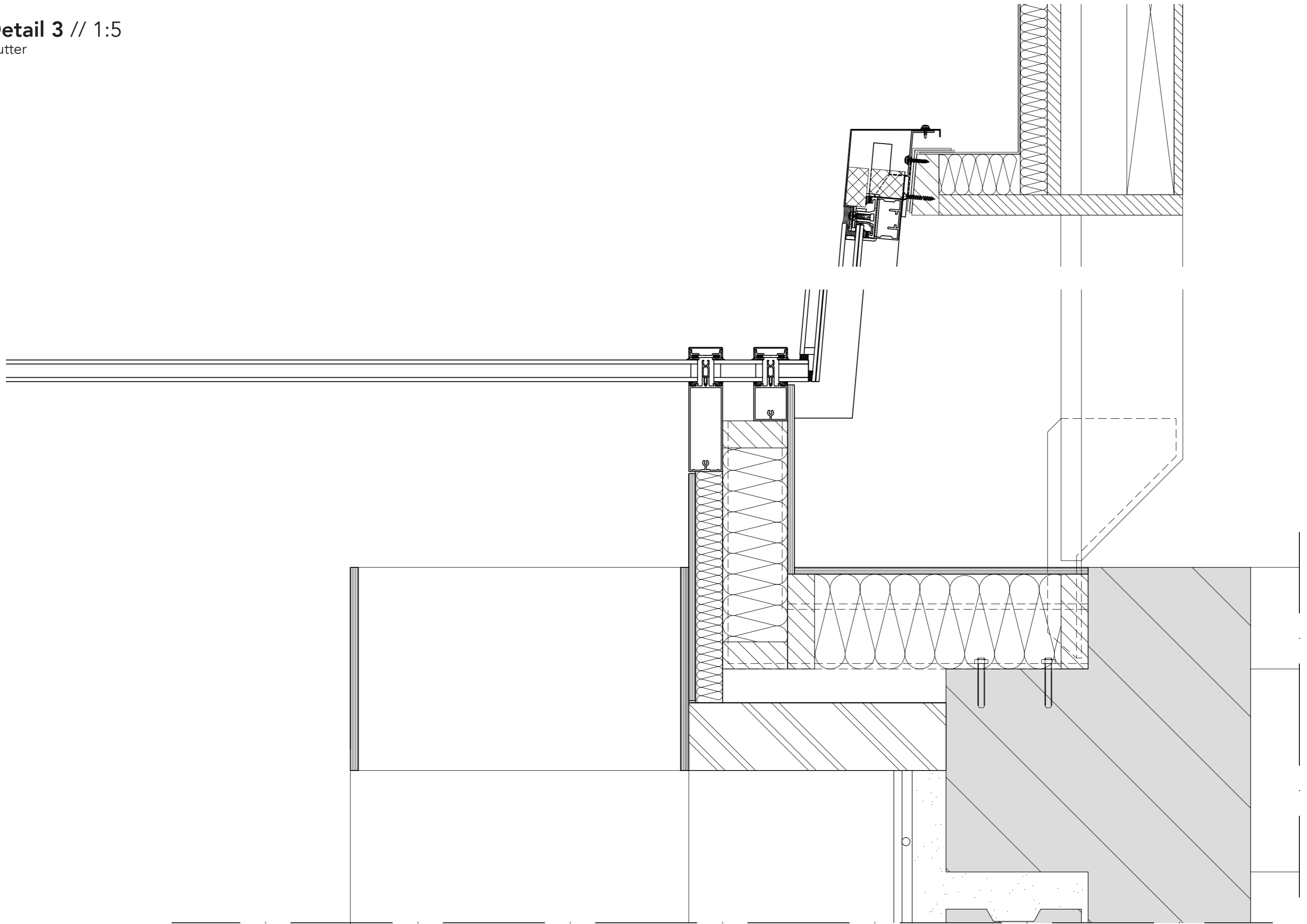
**Detail 3 // 1:5**

Gutter



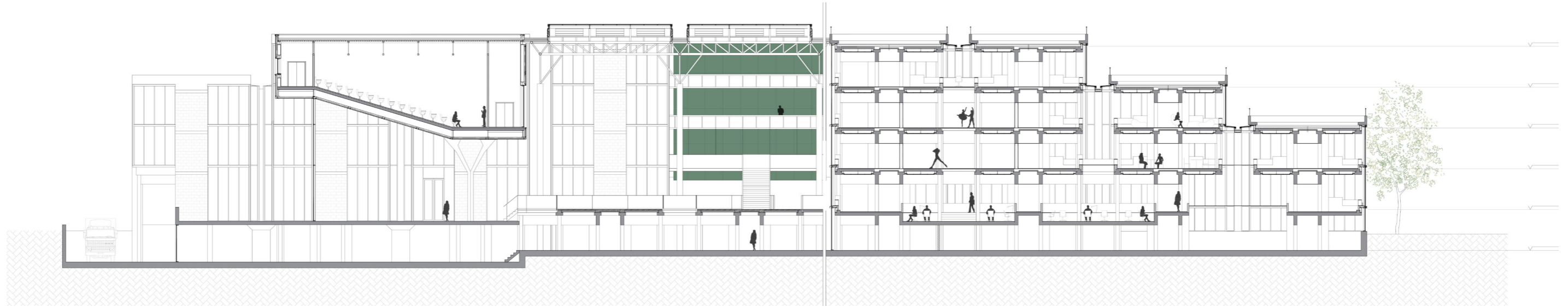
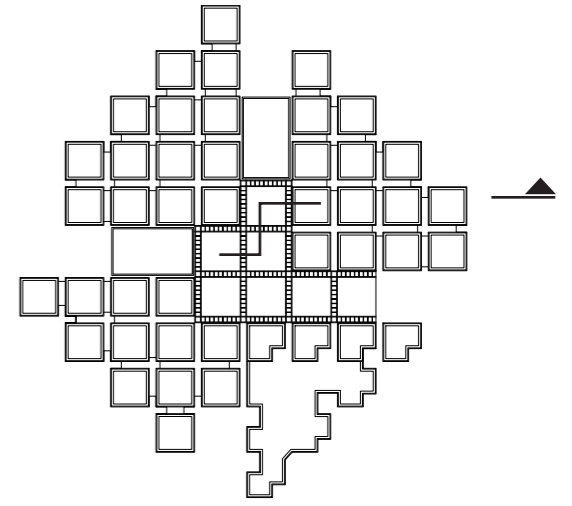
**Detail 3 // 1:5**

Gutter

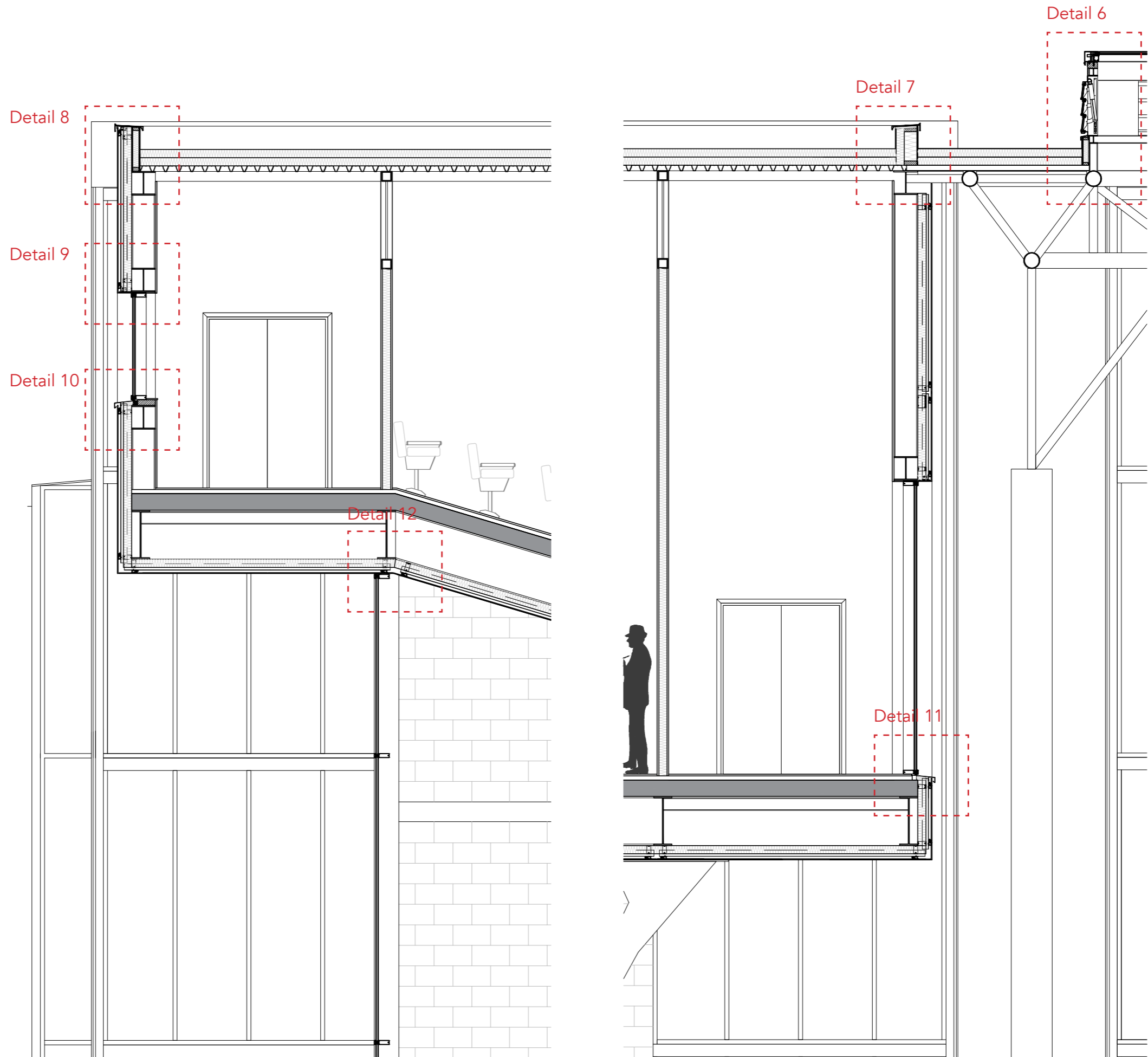


# Section and north elevation// 1:500

Roof detail existing structure closed facade

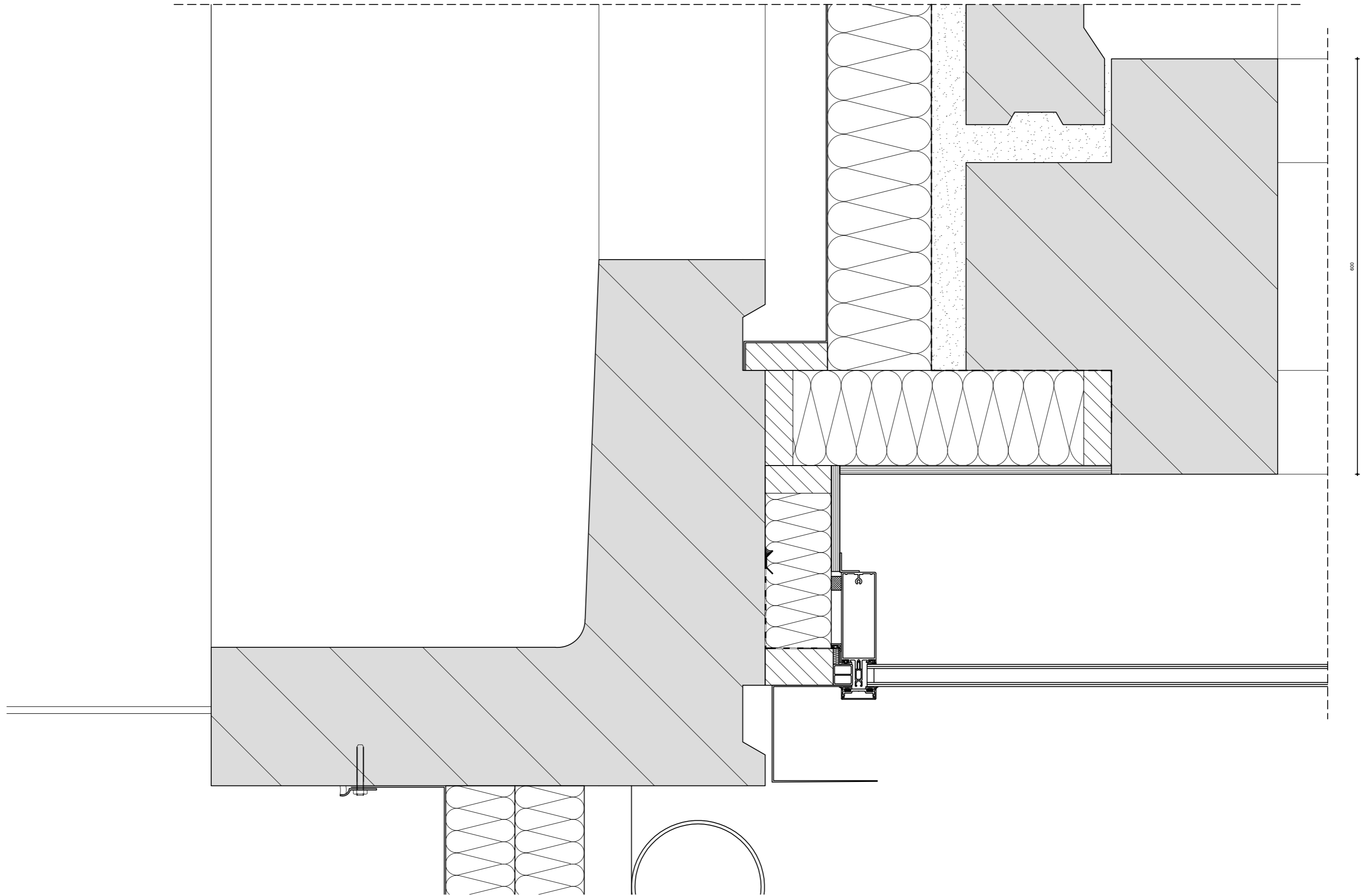


**Fragment // 1:50**  
Lecture hall

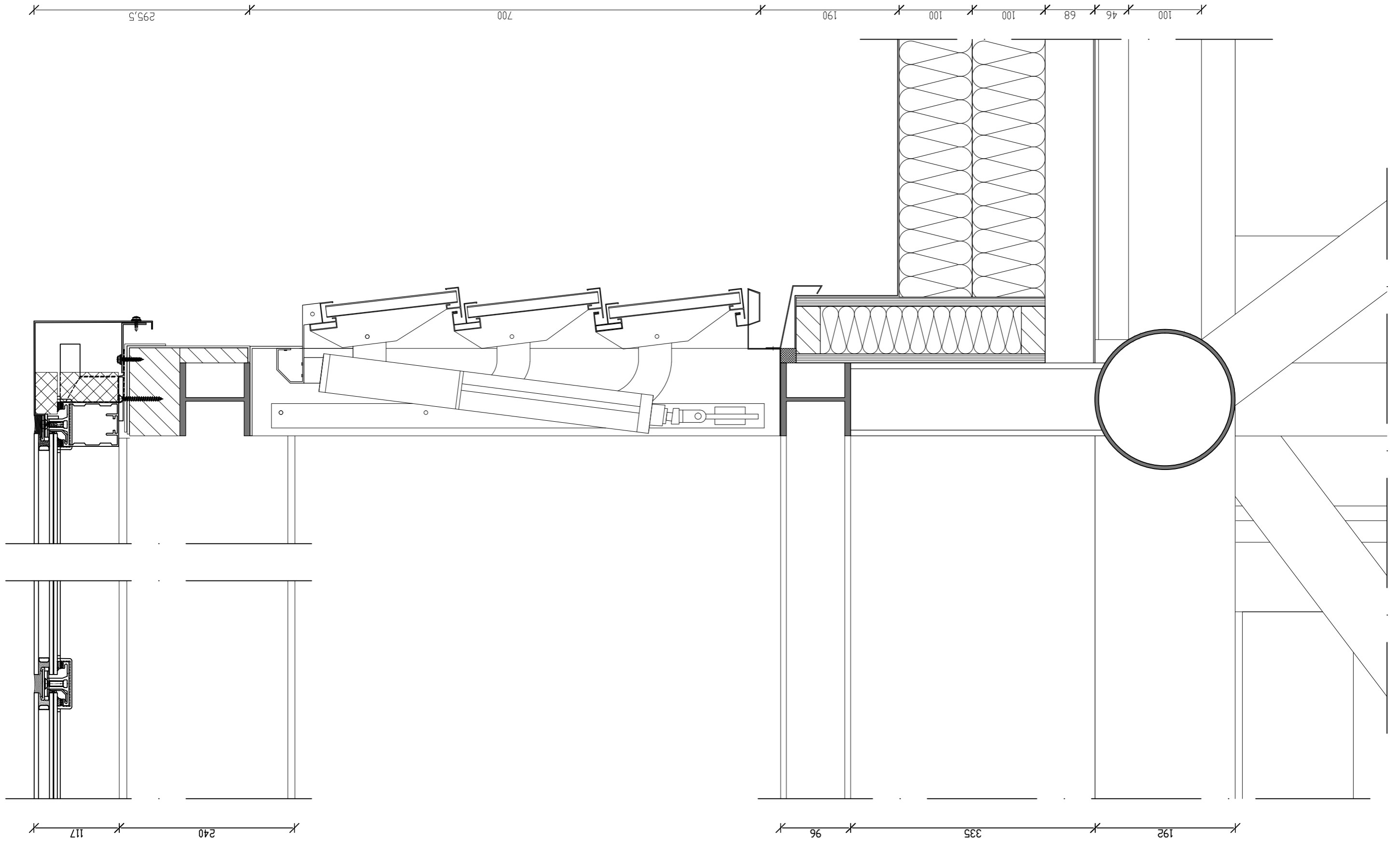


**Detail 5 // 1:5**

Connection new roof - exiting roof

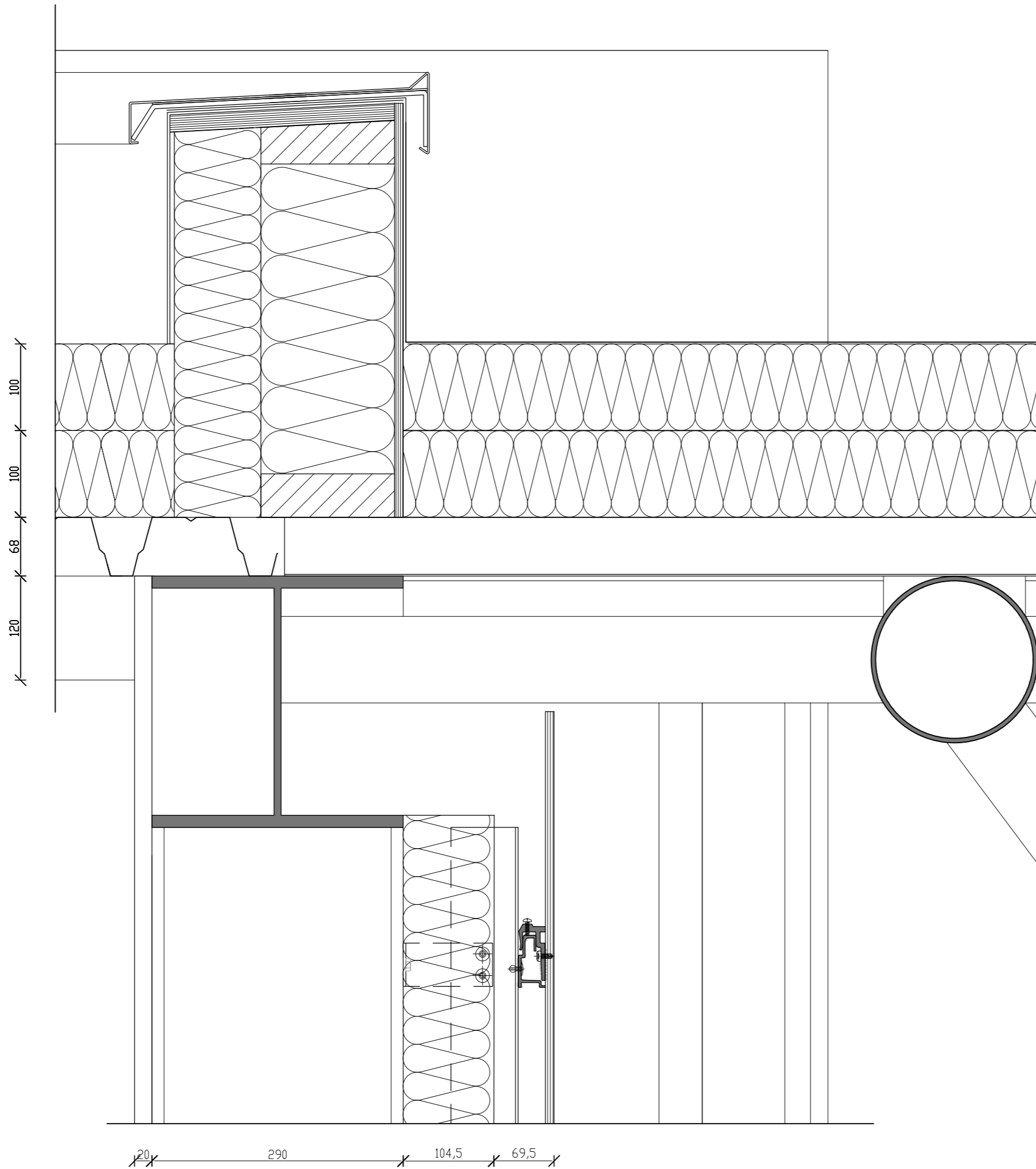


**Detail 6 // 1:5**  
New roof

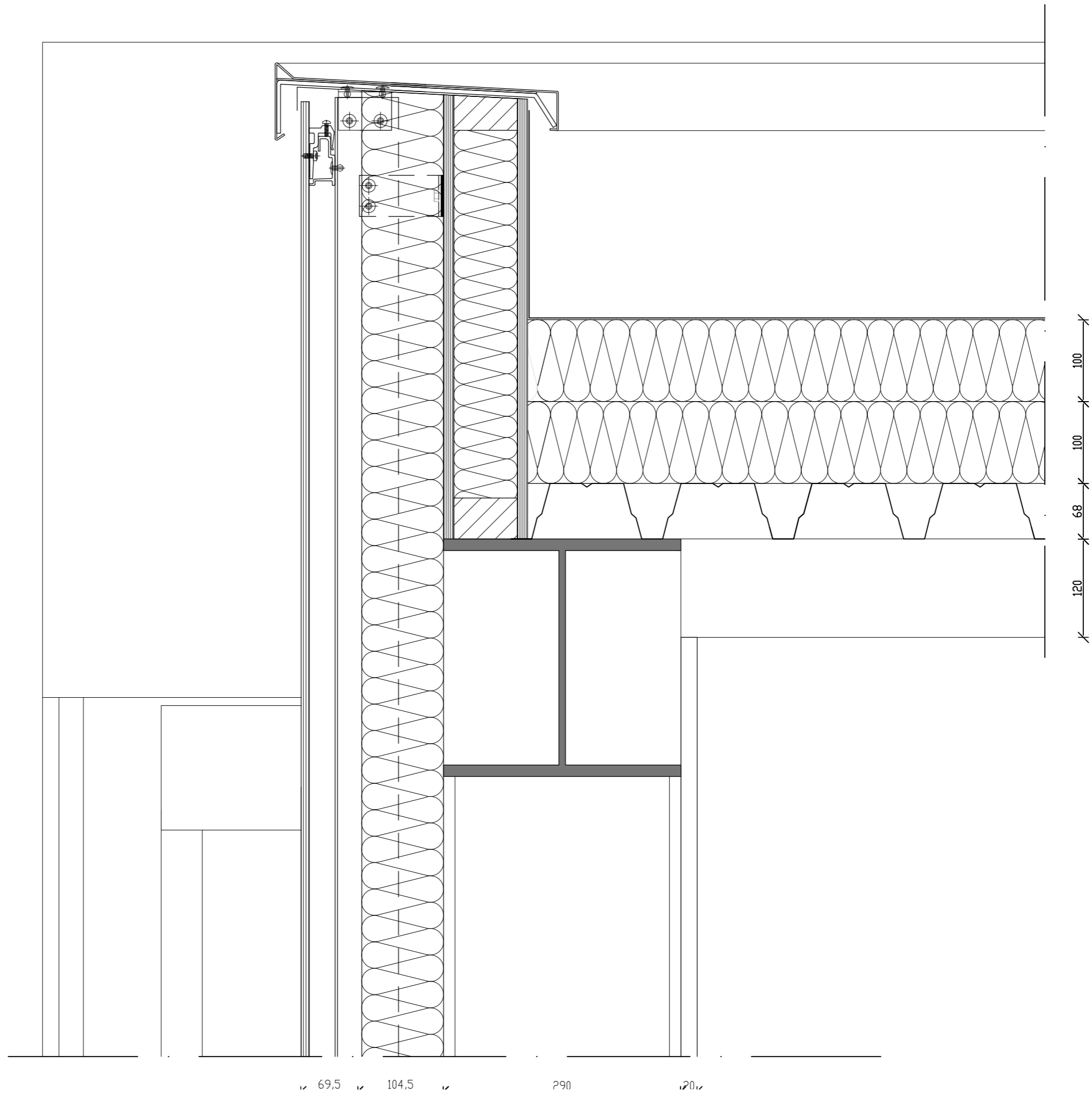




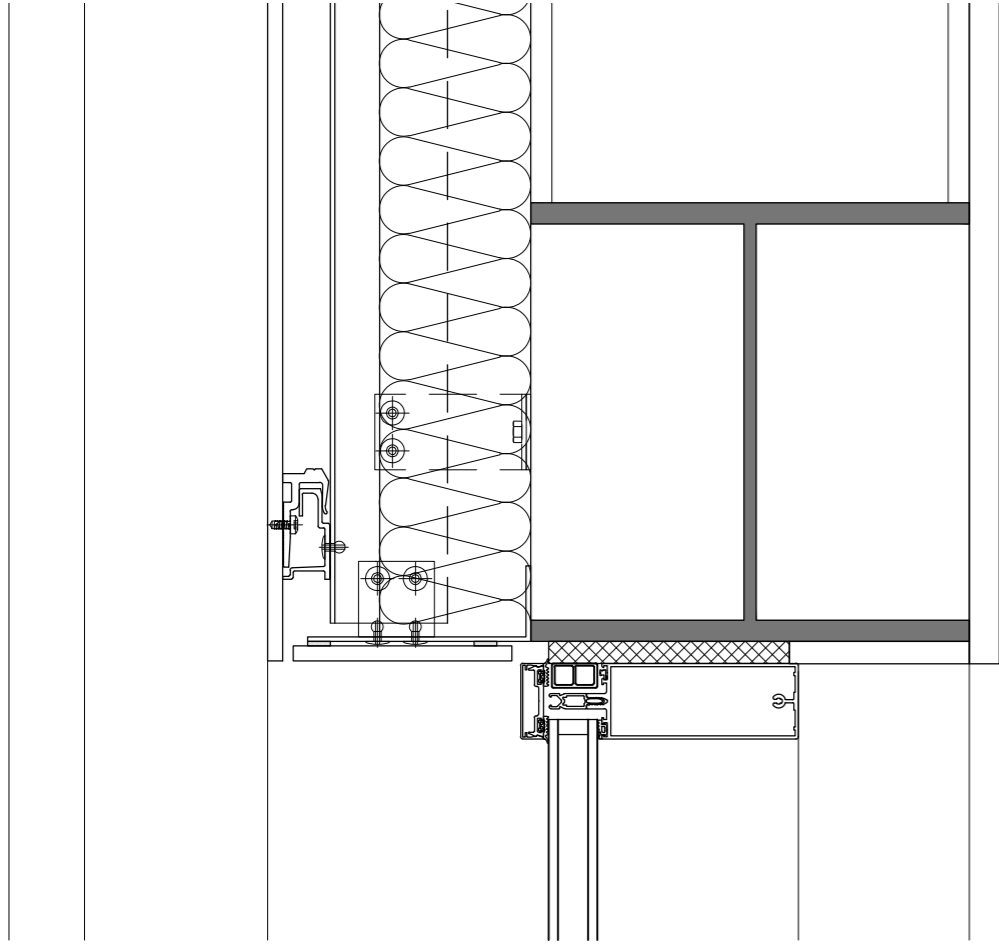
**Detail 7 // 1:5**  
Connection boxes - new roof



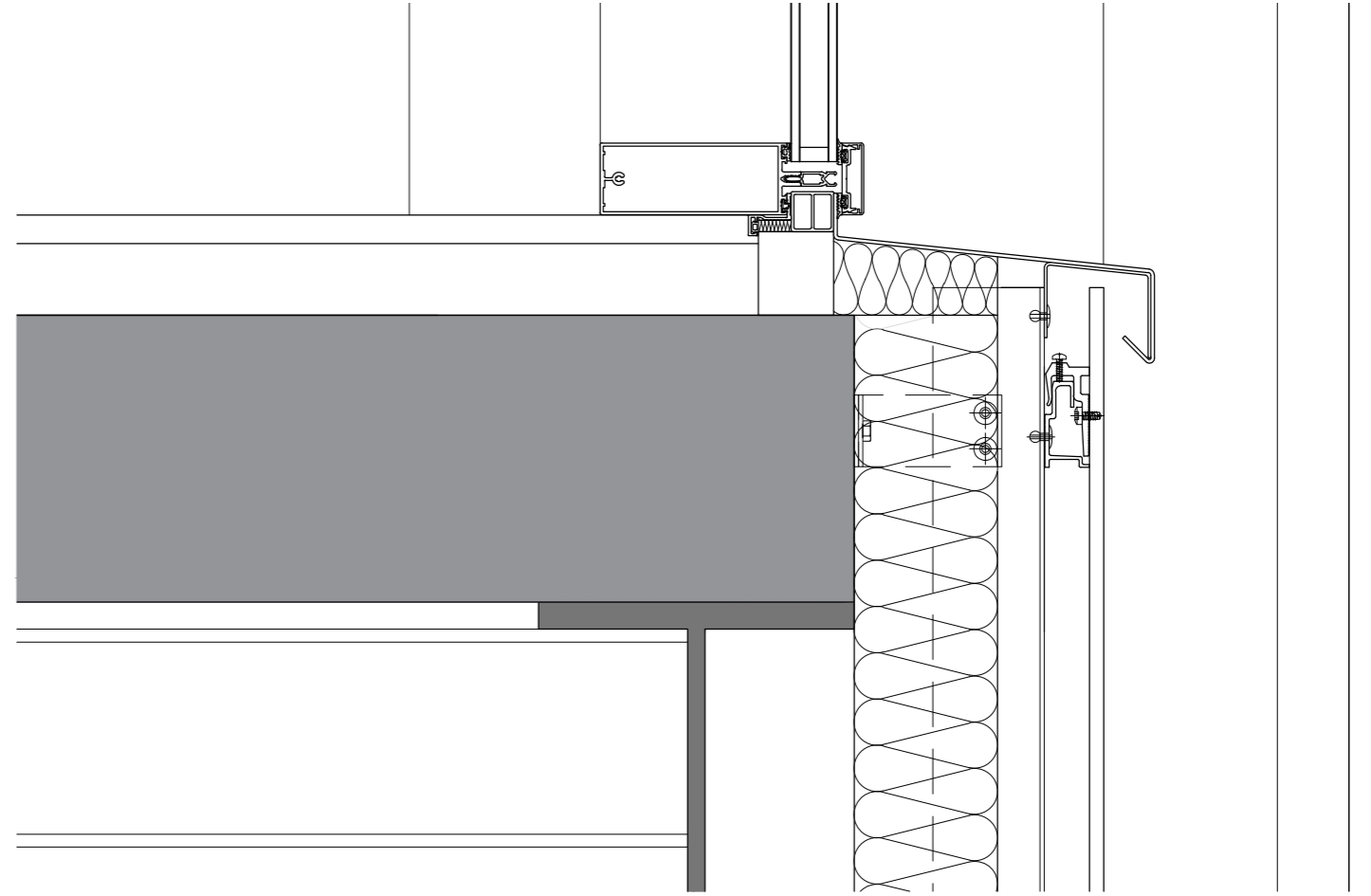
**Detail 8 // 1:5**  
Roof detail box



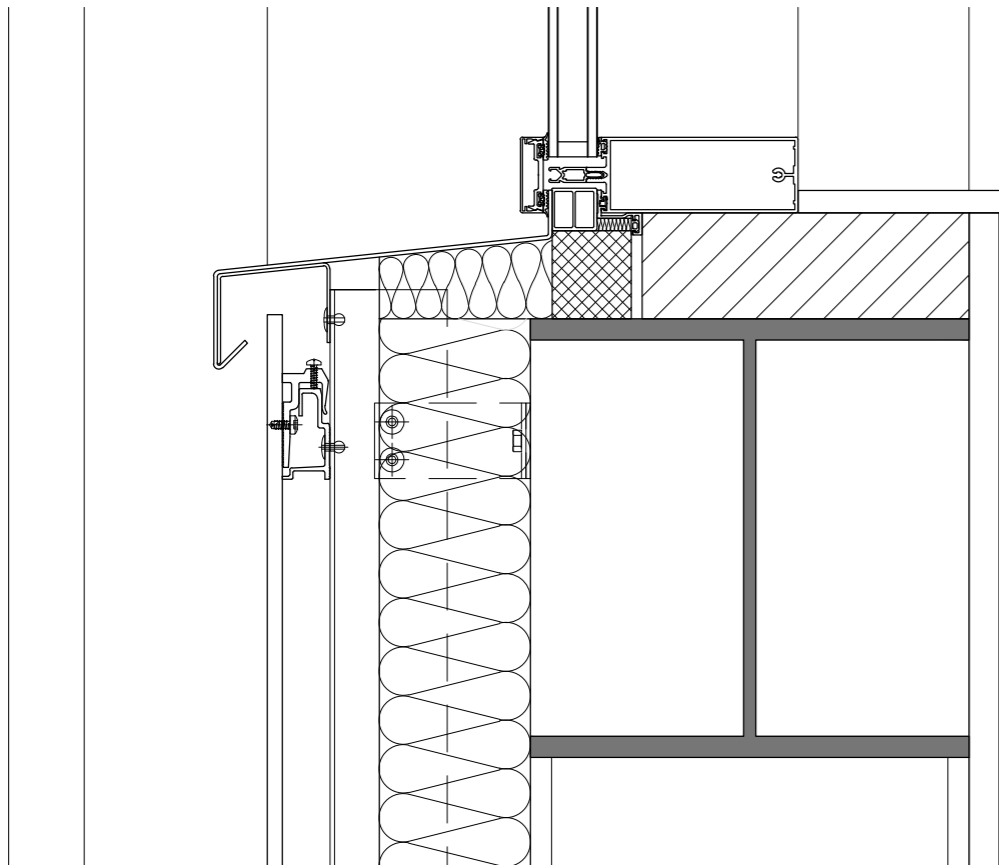
Detail 9 // 1:5



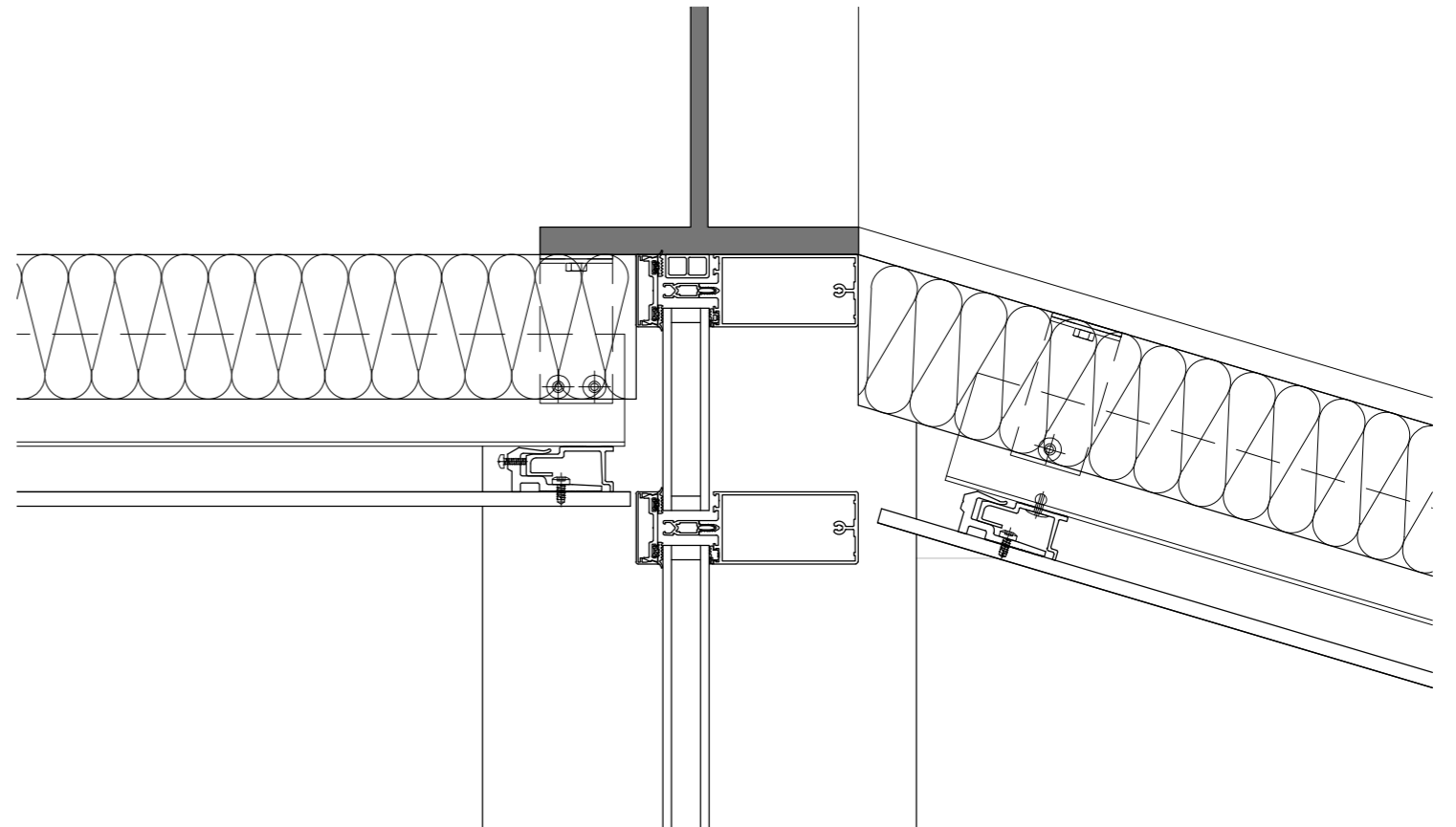
Detail 11 // 1:5



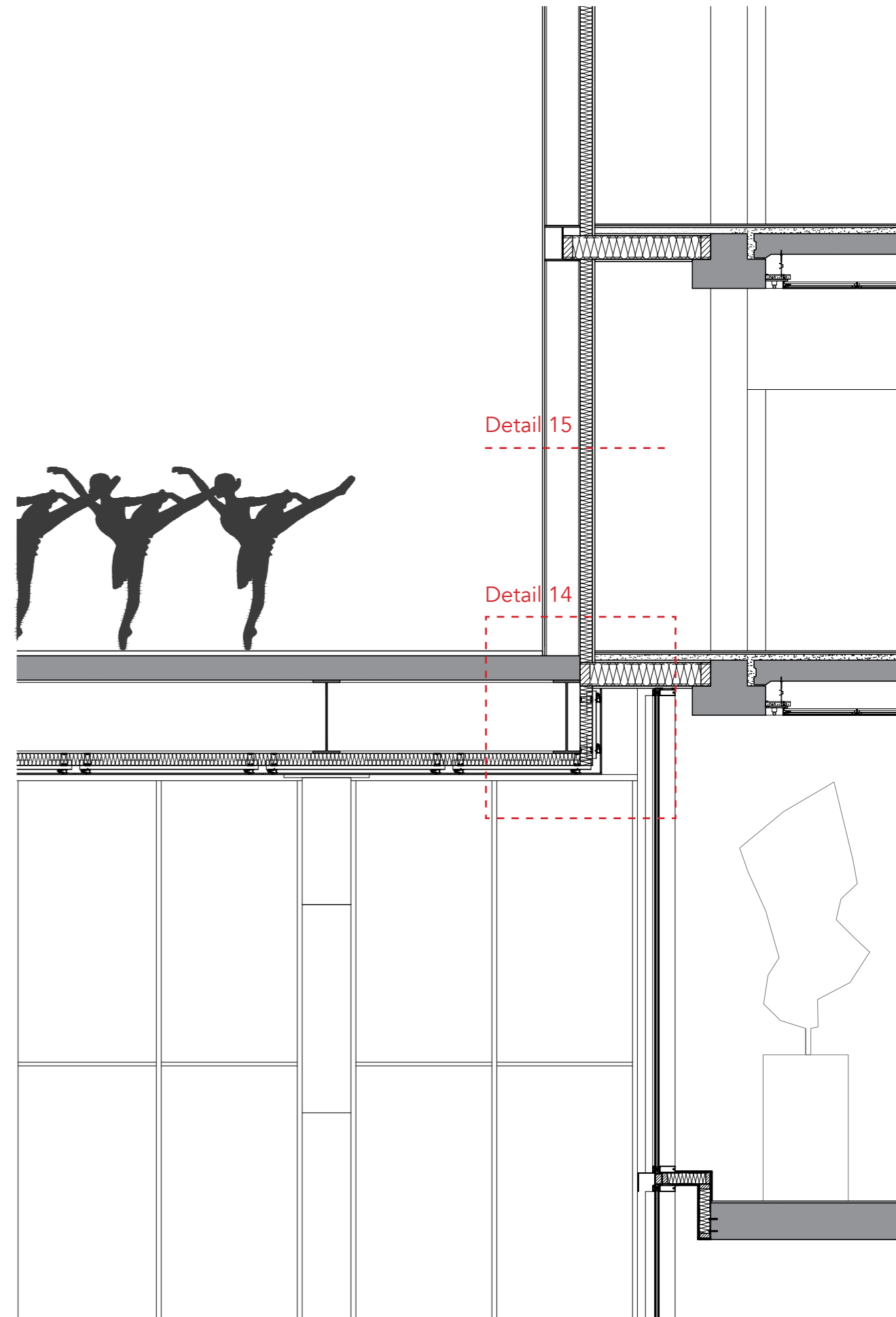
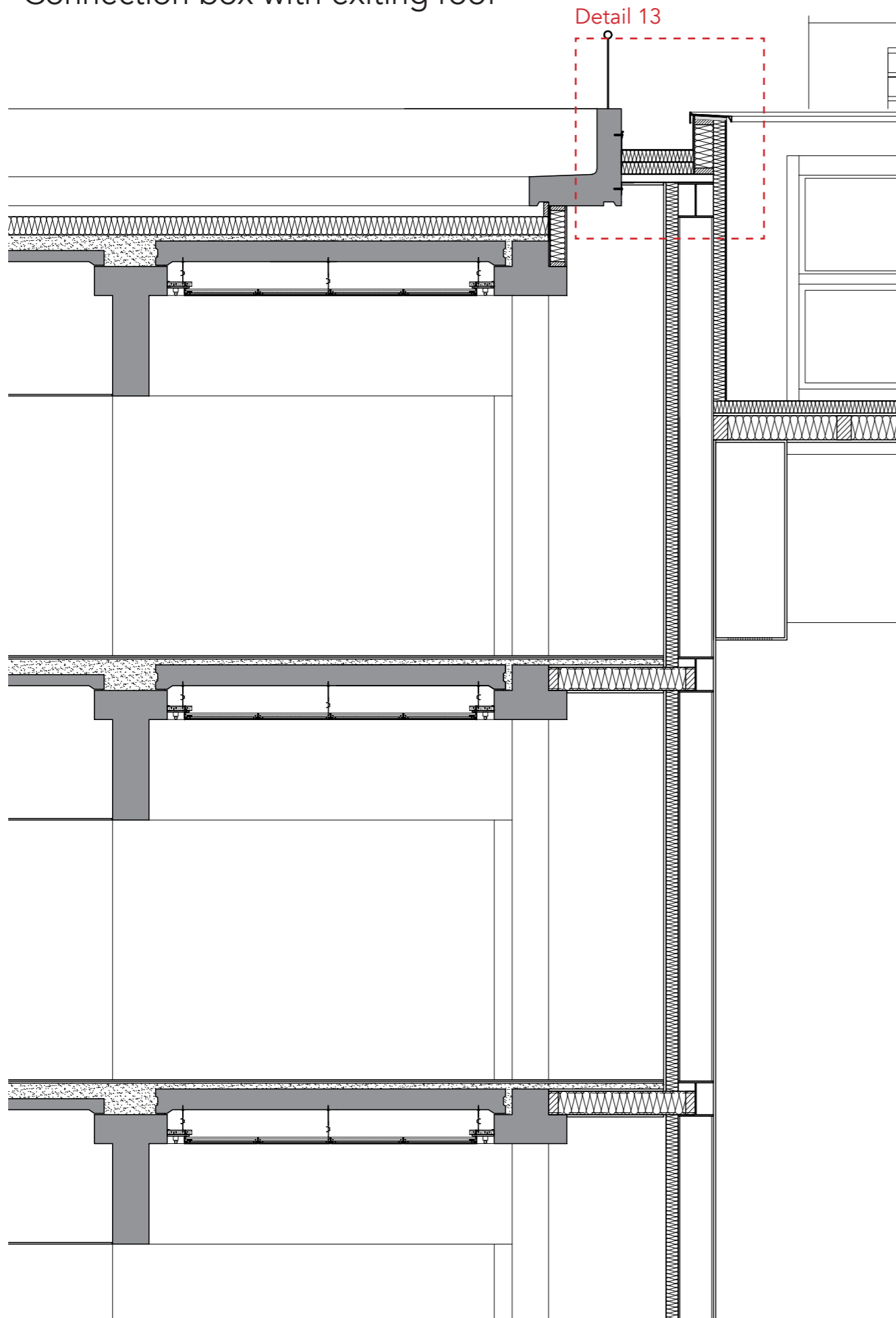
Detail 10 // 1:5



Detail 12 // 1:5

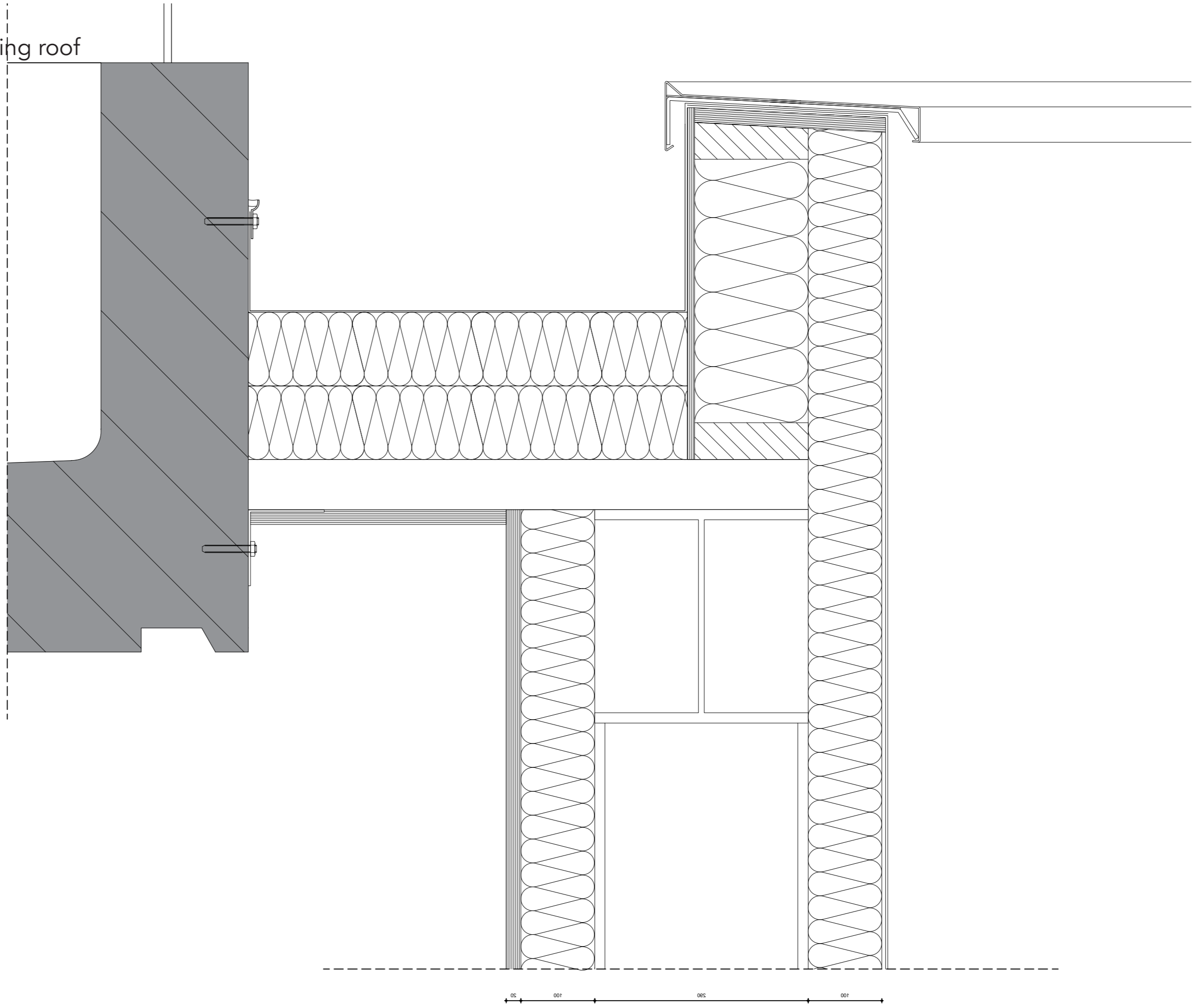


Fragment Dance hall // 1:50  
Connection box with exiting roof



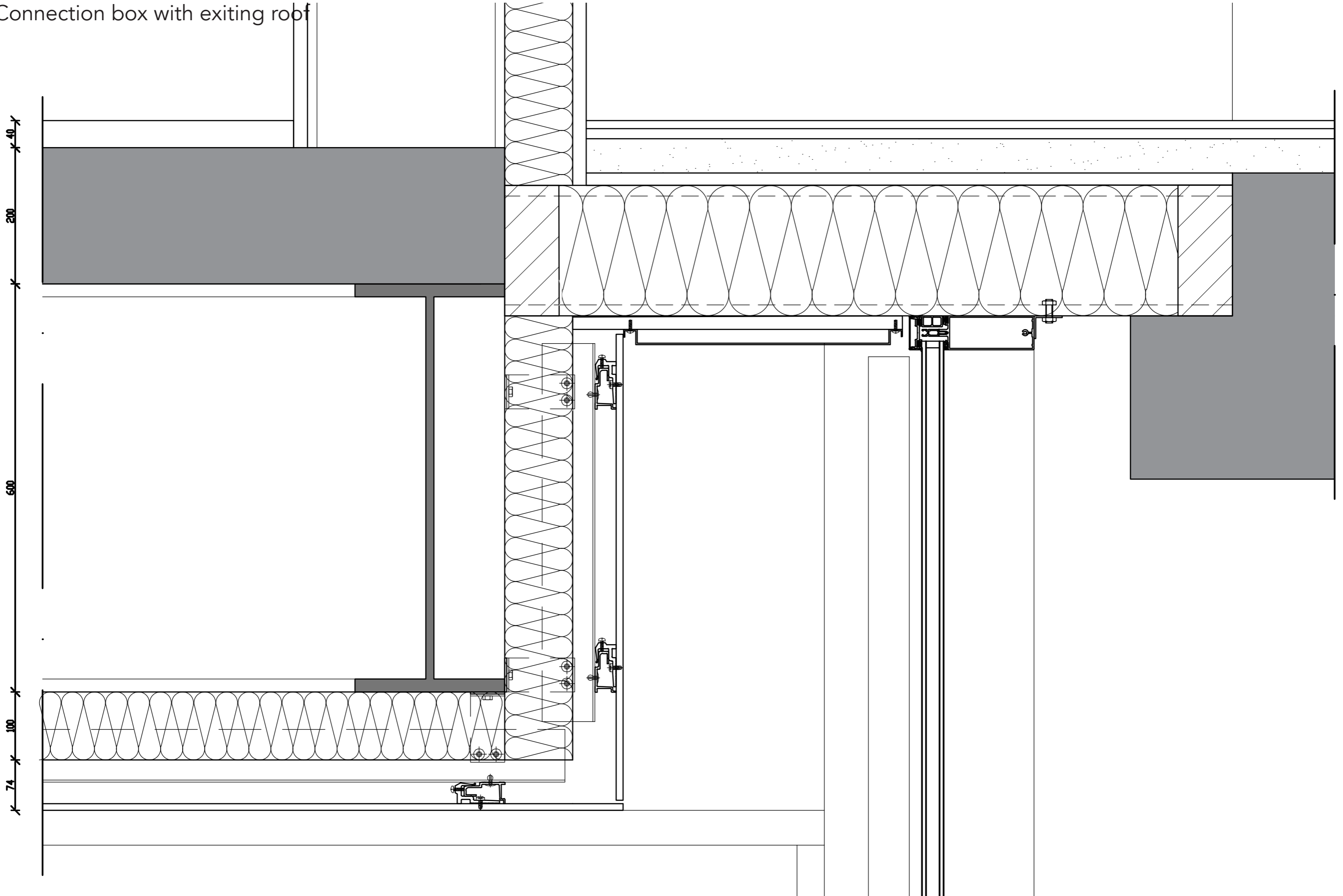
**Detail 13 // 1:5**

Connection box with exiting roof



**Detail 15 // 1:5**

Connection box with exiting roof



**Detail 16 // 1:5**

Horizontal connection Dance hall  
existing building

