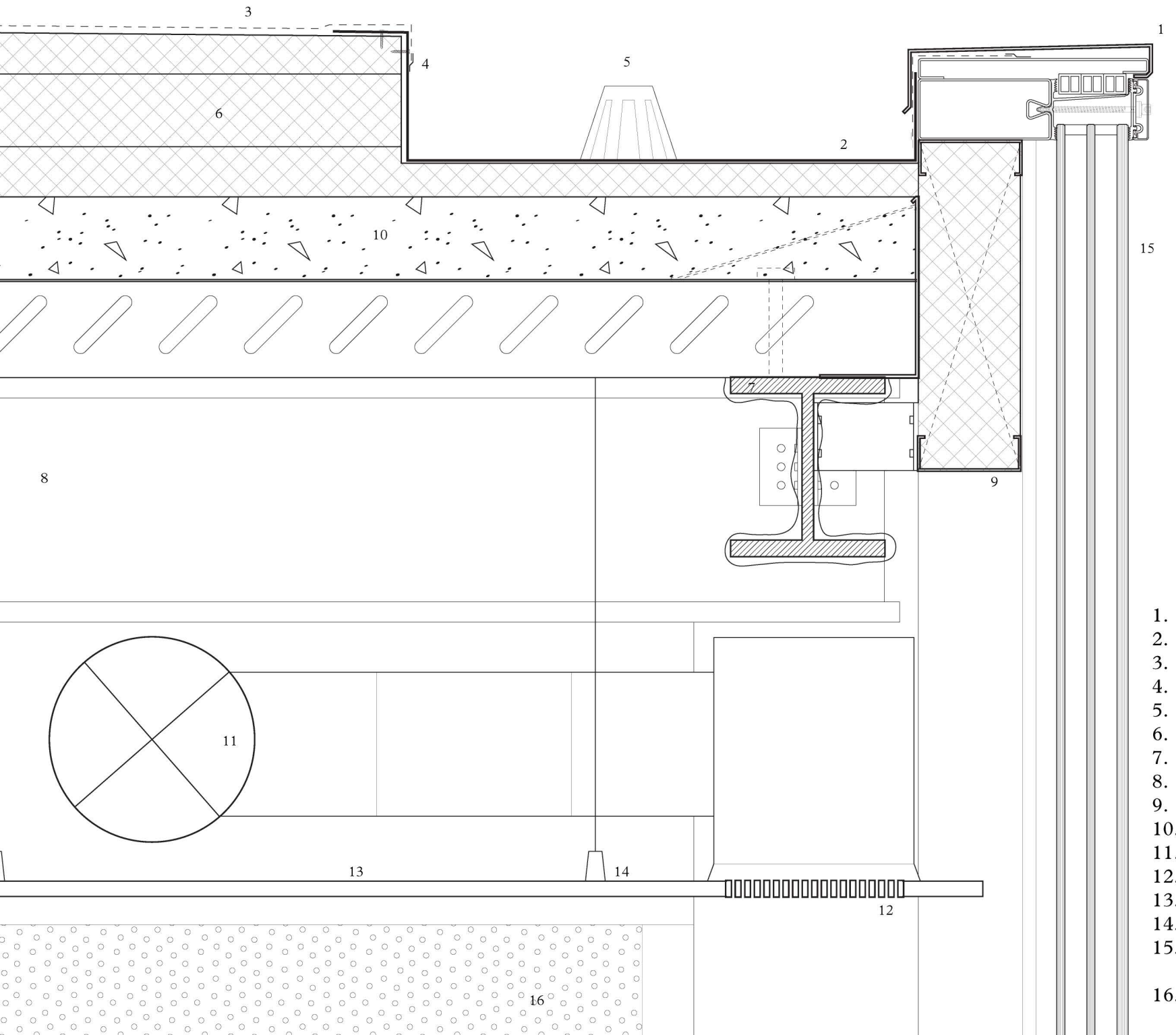
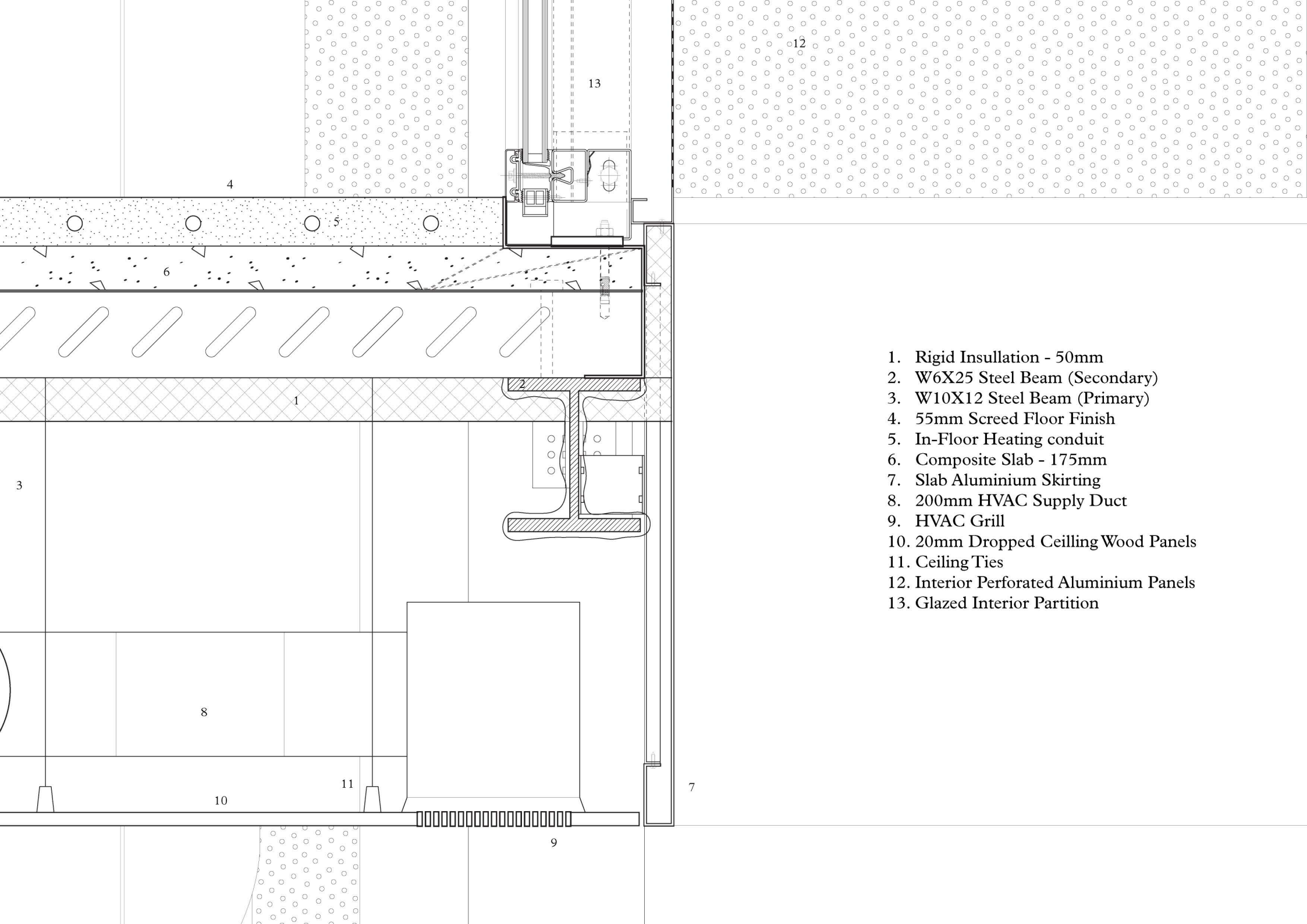
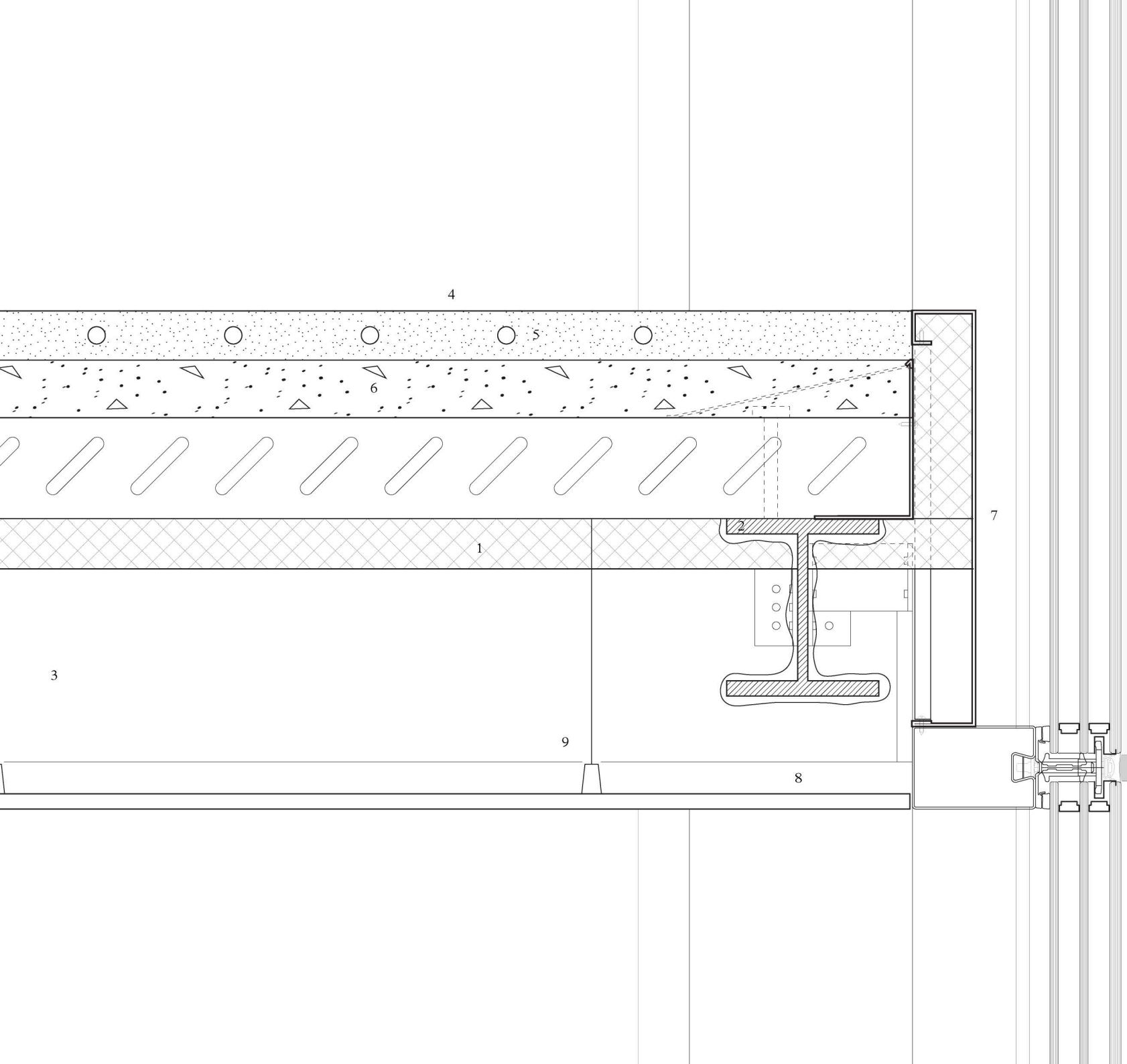


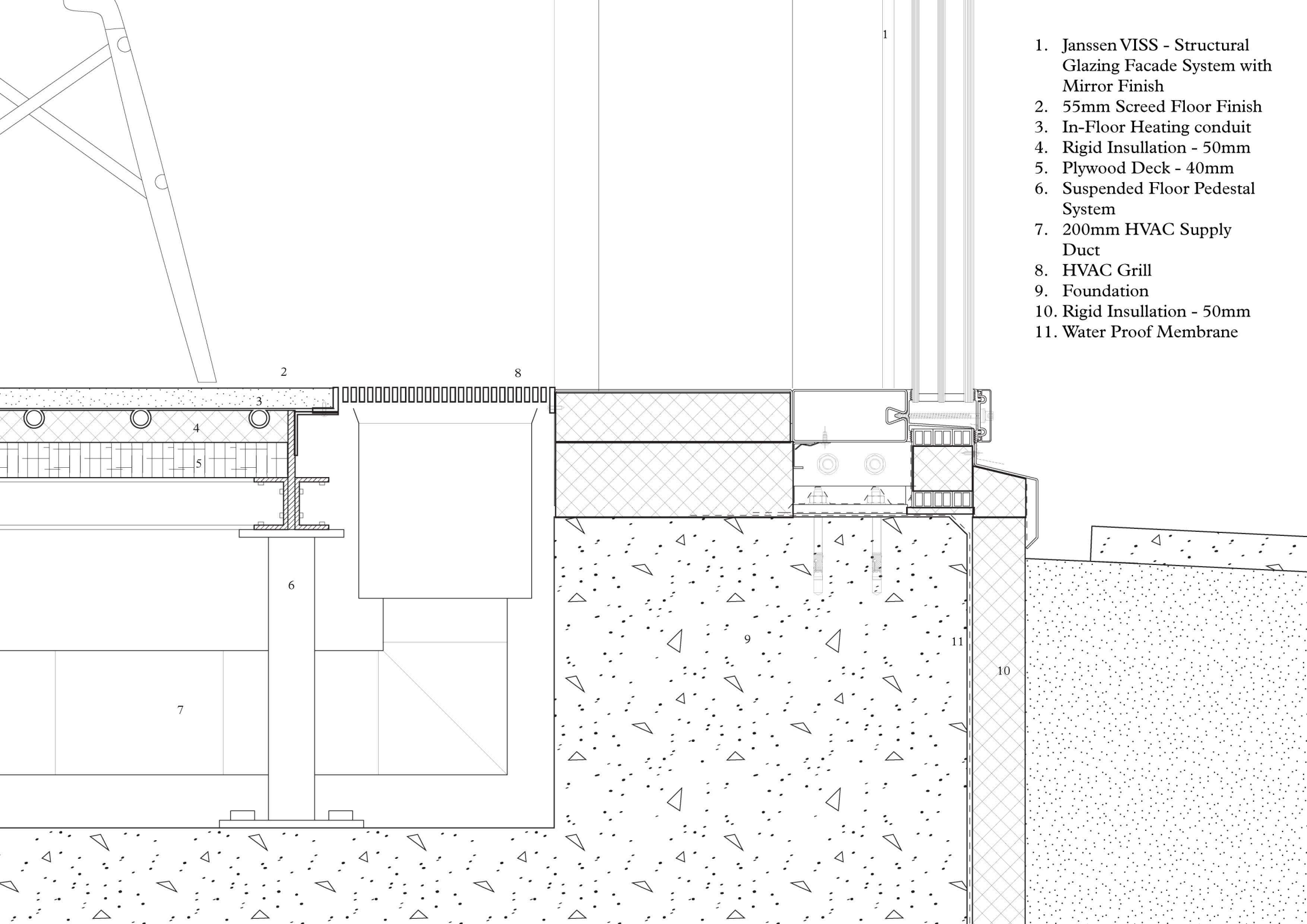
1. Aluminium Flashing
2. Aluminium Box Gutter profile
3. Water Proof Membrane
4. Water resistant Installation Tape
5. Water Collection Point
6. Rigid Insullation - 200mm
7. W6X25 Steel Beam (Secondary)
8. W10X12 Steel Beam (Primary)
9. Cold Formed Steel Framing
10. Composite Slab - 175mm
11. 200mm HVAC Supply Duct
12. HVAC Grill
13. 20mm Dropped Ceilling Wood
14. Ceiling Ties
15. Janssen VISS - Structural Glazing Facade System with Mirror Finish
16. Interior Perforated Aluminium



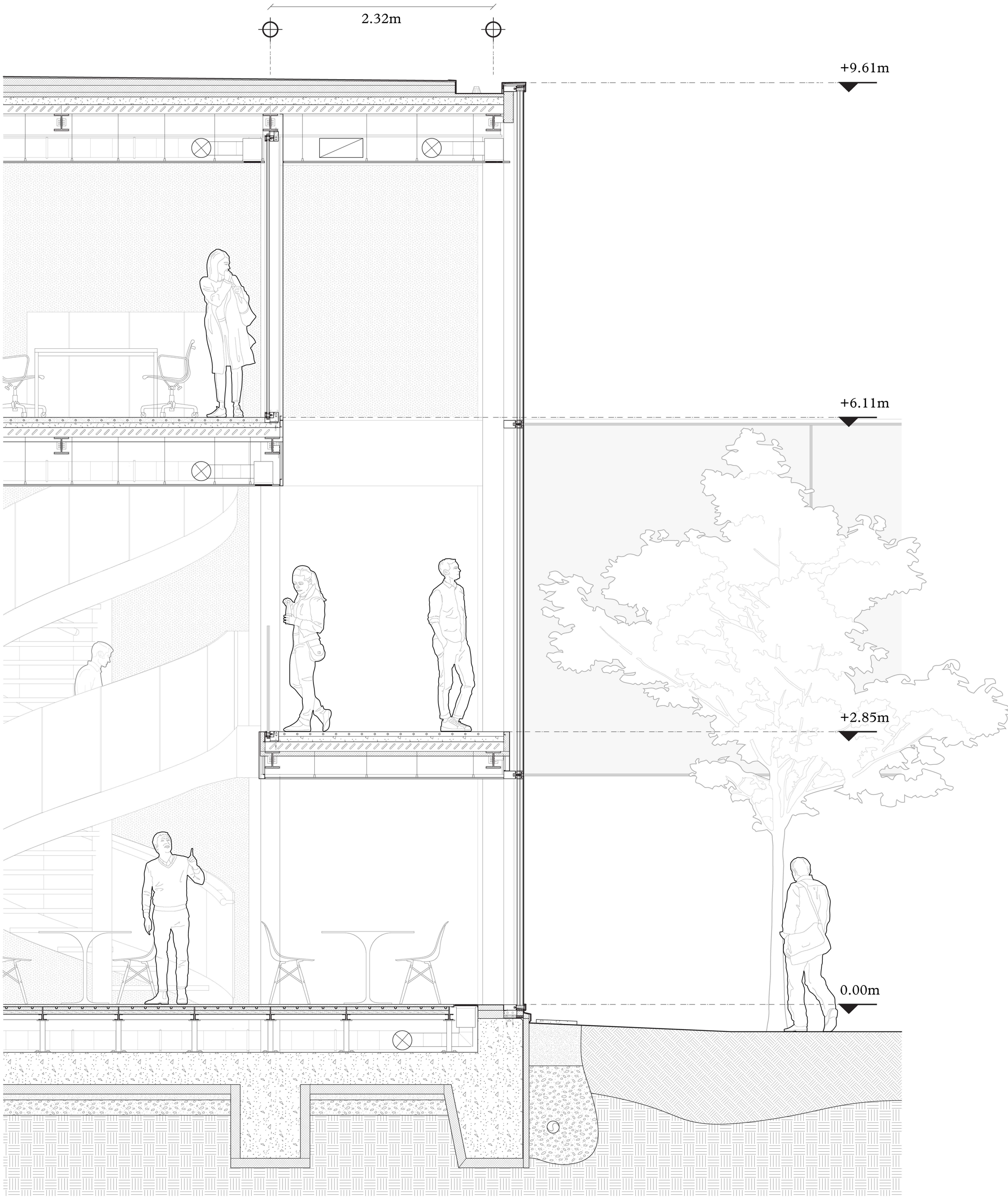
1. Rigid Insullation - 50mm
2. W6X25 Steel Beam (Secondary)
3. W10X12 Steel Beam (Primary)
4. 55mm Screed Floor Finish
5. In-Floor Heating conduit
6. Composite Slab - 175mm
7. Slab Aluminium Skirting
8. 200mm HVAC Supply Duct
9. HVAC Grill
10. 20mm Dropped Ceilling Wood Panels
11. Ceiling Ties
12. Interior Perforated Aluminium Panels
13. Glazed Interior Partition

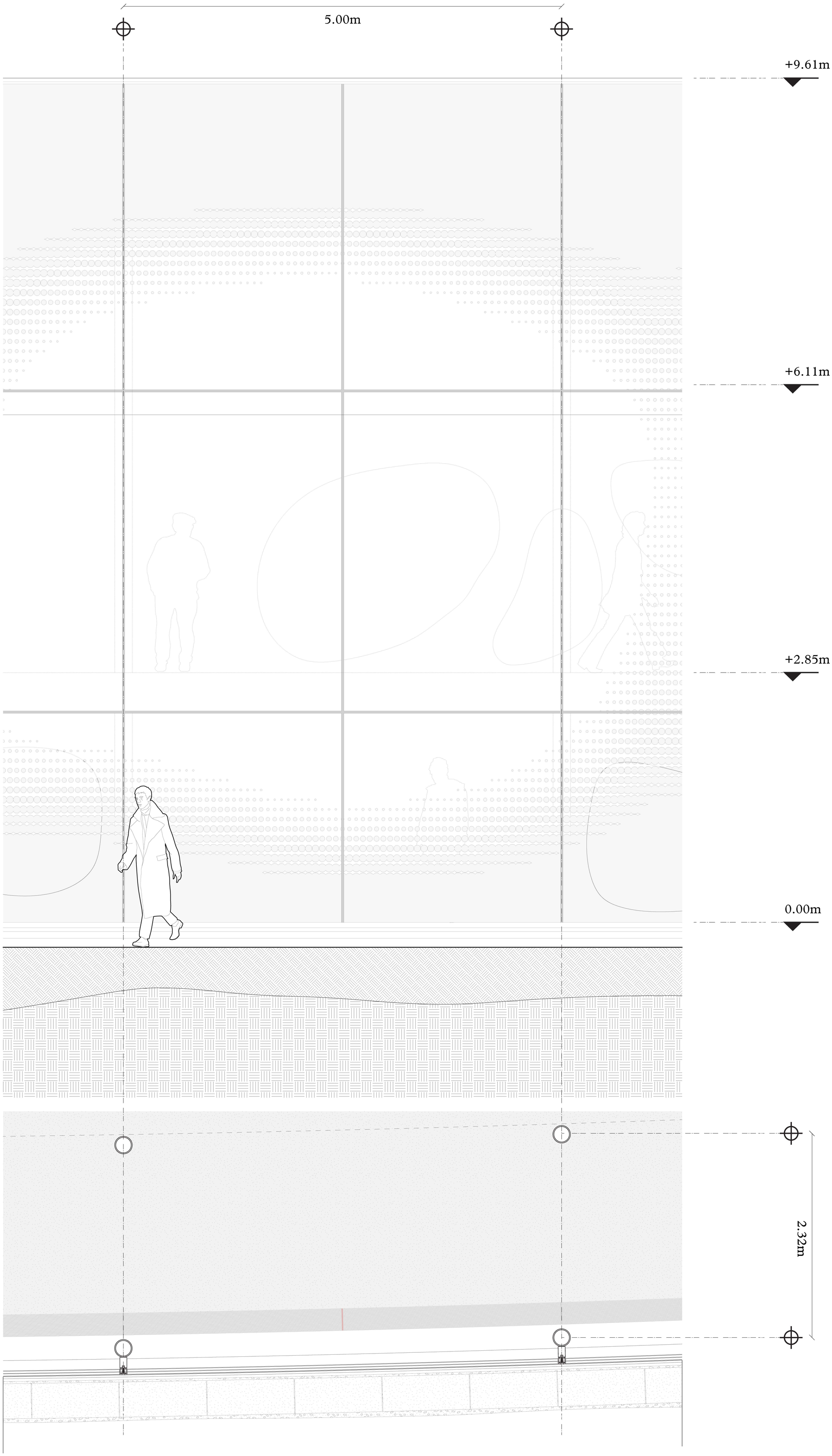


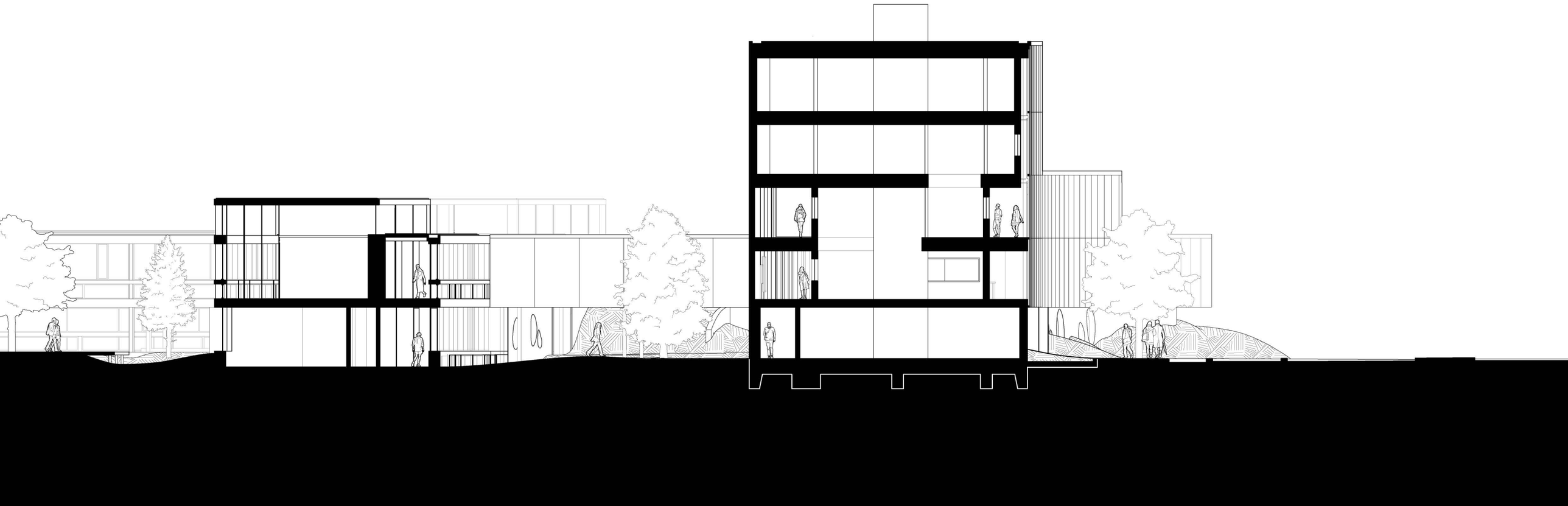
1. Rigid Insullation - 50mm
2. W6X25 Steel Beam (Secondary)
3. W10X12 Steel Beam (Primary)
4. 55mm Screed Floor Finish
5. In-Floor Heating conduit
6. Composite Slab - 175mm
7. Slab Aluminium Skirting
8. 20mm Dropped Ceilling Wood Panels
9. Ceiling Ties
10. Janssen VISS - Structural Glazing Facade System with Mirror Finish

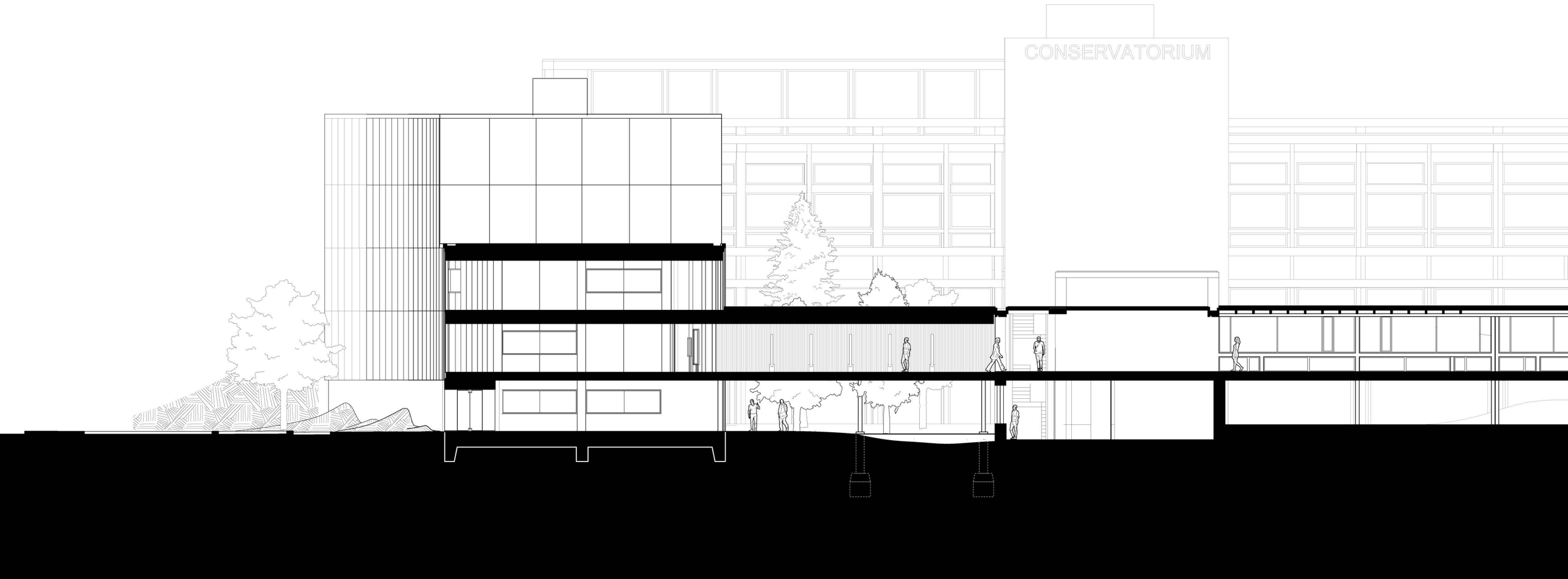


1. Janssen VISS - Structural Glazing Facade System with Mirror Finish
2. 55mm Screed Floor Finish
3. In-Floor Heating conduit
4. Rigid Insullation - 50mm
5. Plywood Deck - 40mm
6. Suspended Floor Pedestal System
7. 200mm HVAC Supply Duct
8. HVAC Grill
9. Foundation
10. Rigid Insullation - 50mm
11. Water Proof Membrane

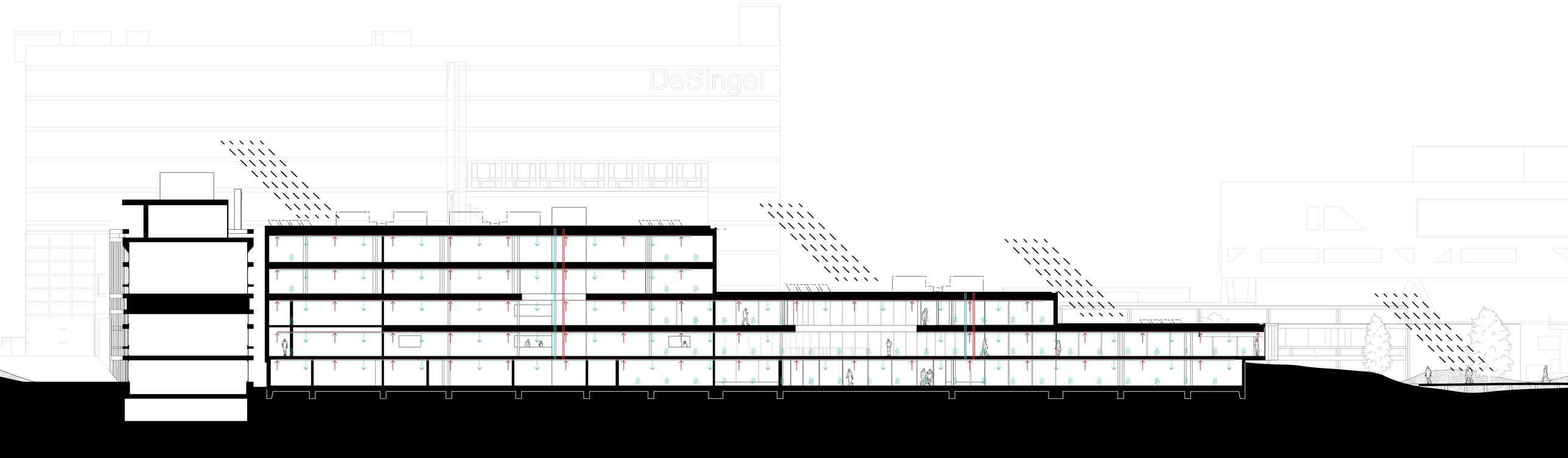

2.32m
+9.61m
+6.11m
+2.85m
0.00m

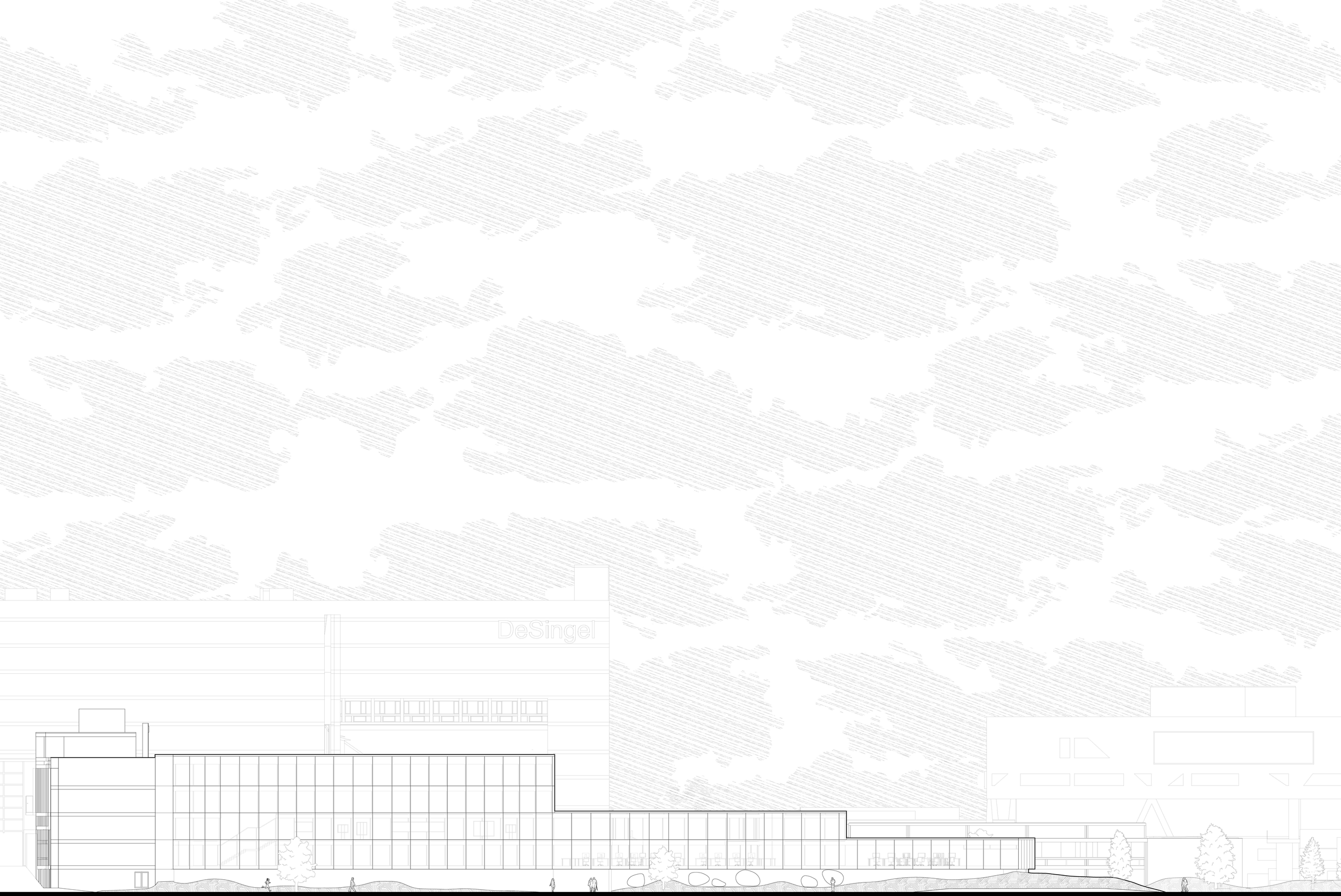

5.00m
+9.61m
+6.11m
+2.85m
0.00m
2.32m

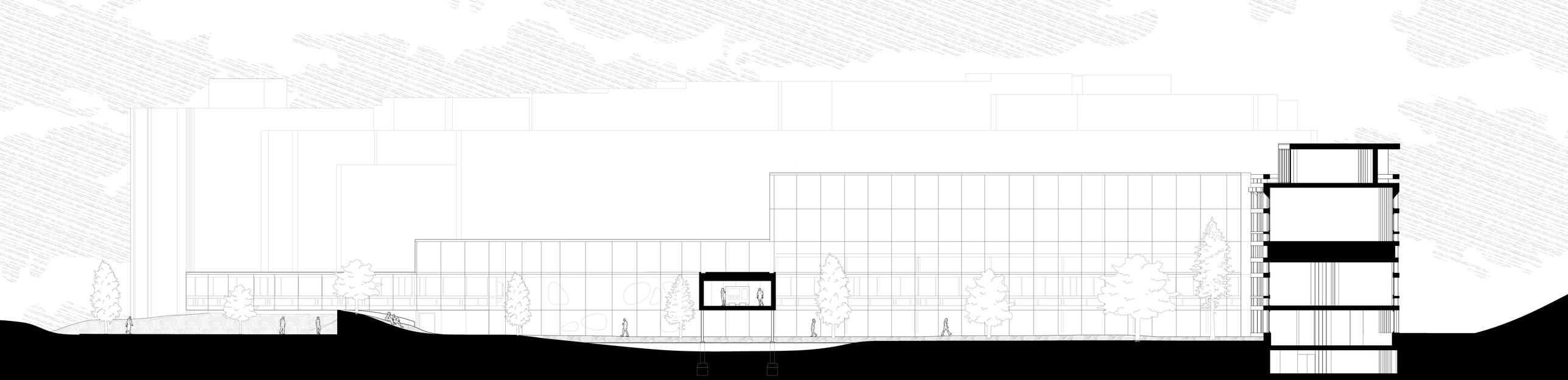


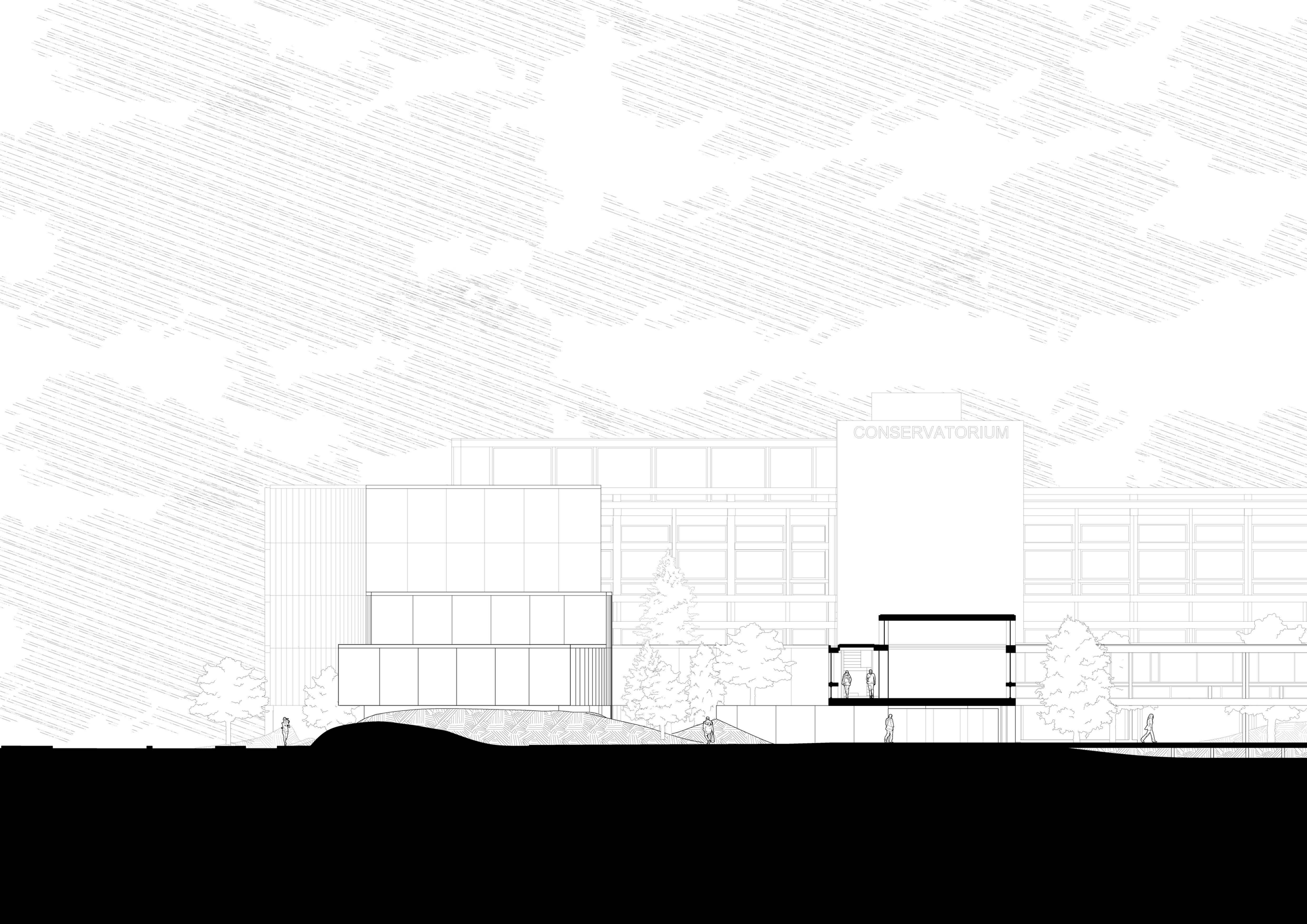

CONSERVATORIUM

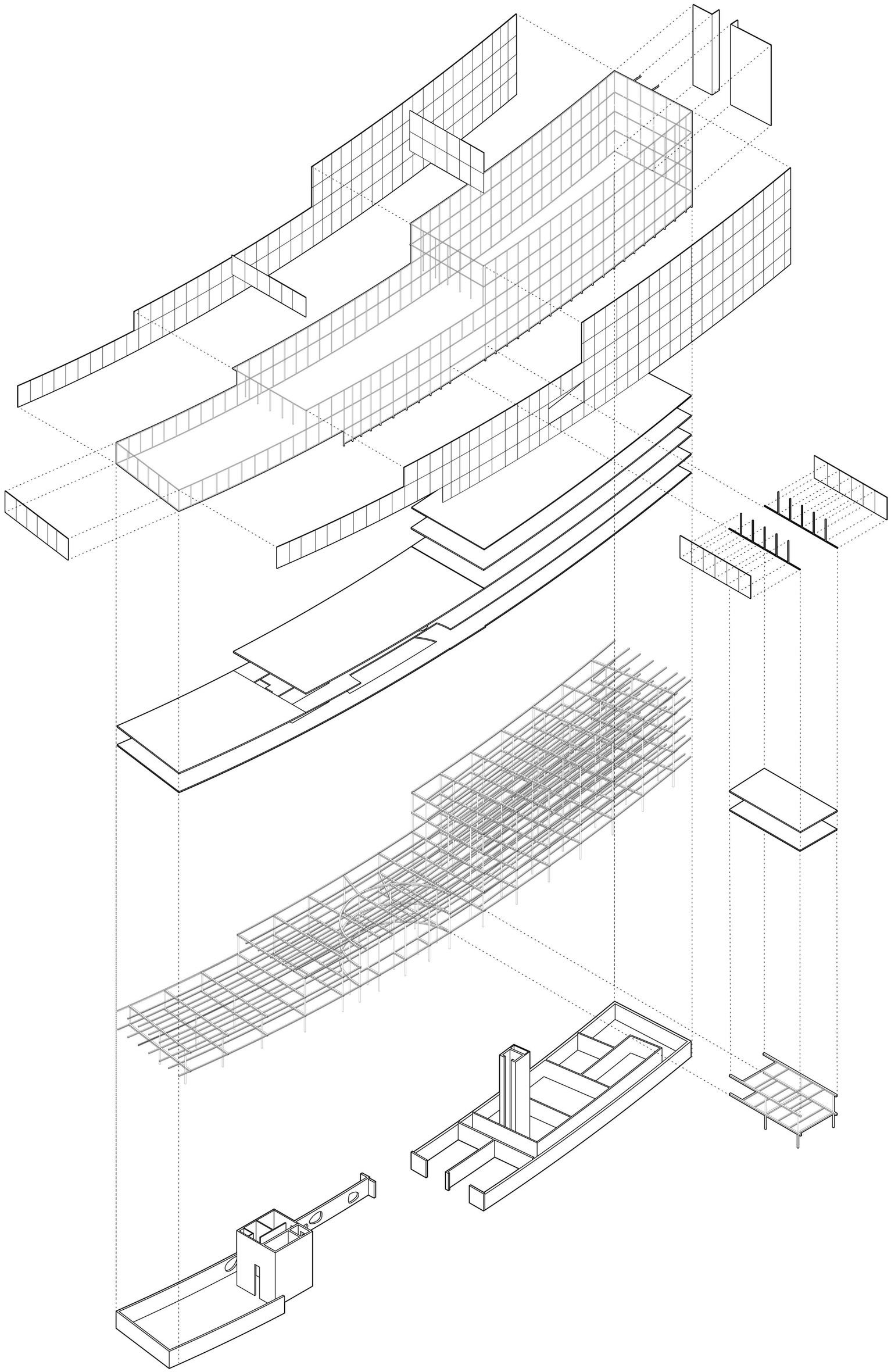

CONSERVATORIUM

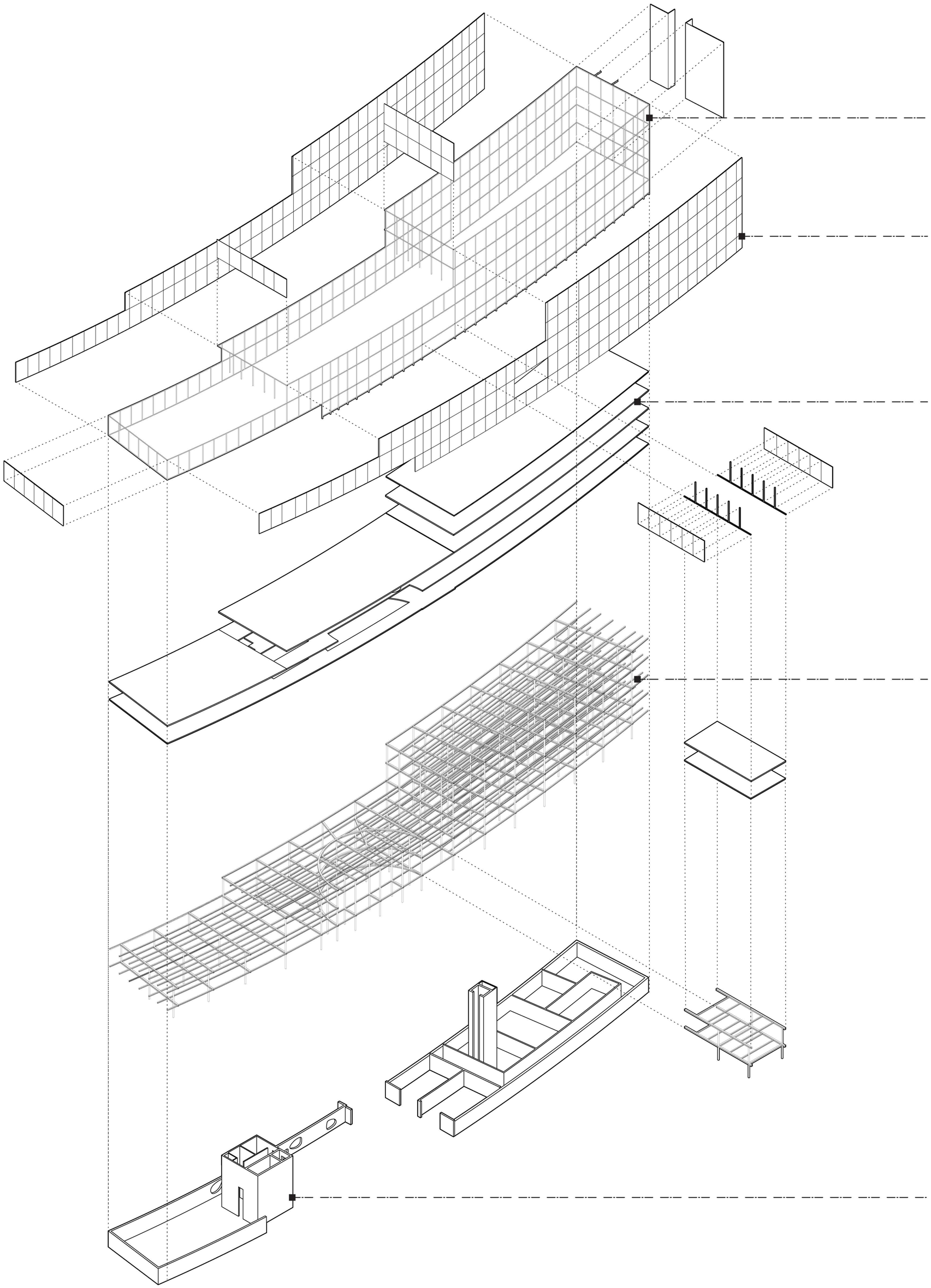

DeSingel


DeSingel




CONSERVATORIUM





Façade System

A structural mullions exoskeleton envelopes the building supporting the glazed façade panels

Mirrored Façade

The convex mirror façade reduces the amount of radiation absorbed by the building while reflecting the solar rays in divergent manner, reducing glare and solar gain to the outdoor spaces and surrounding buildings.

Floor Slabs

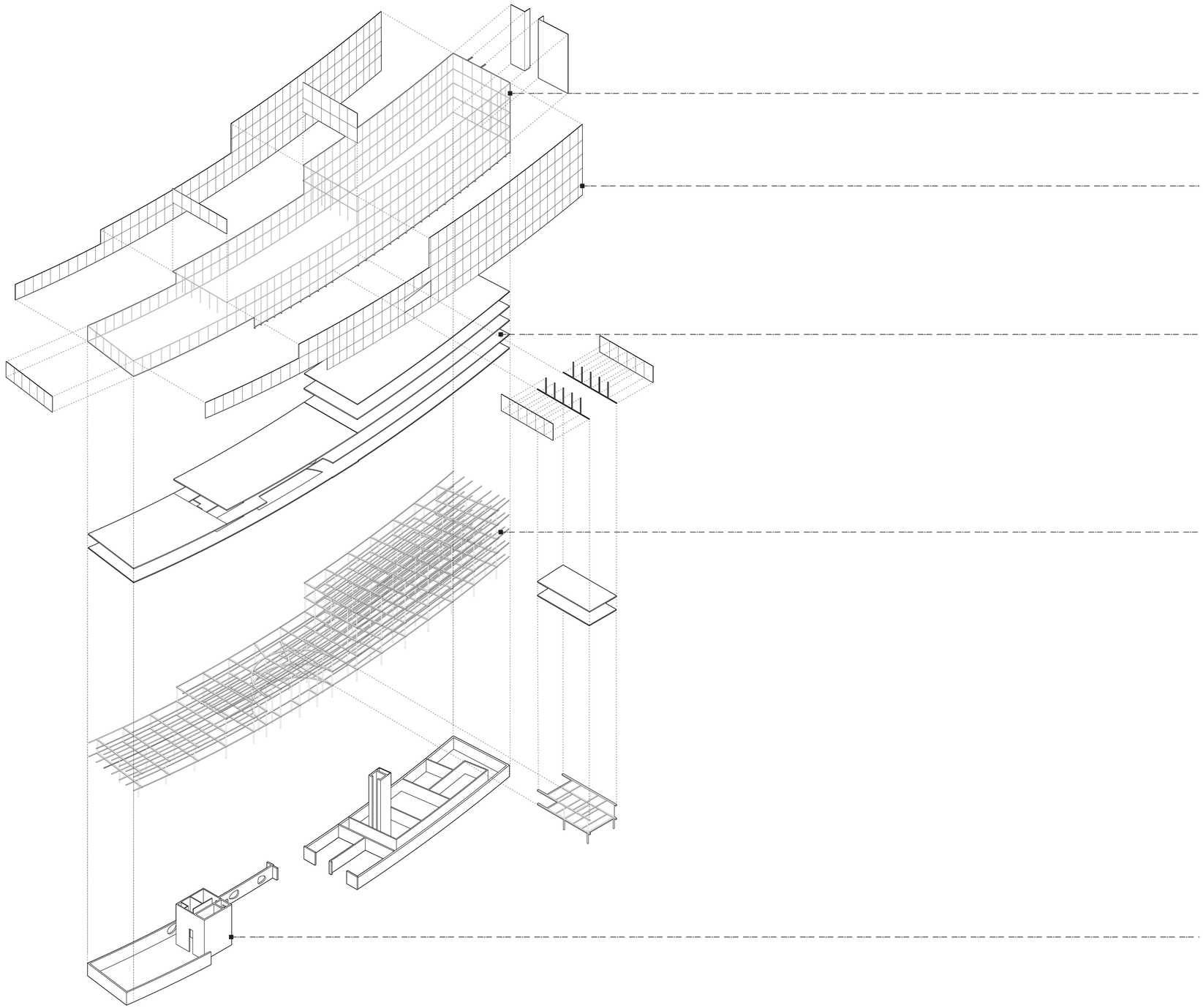
Uses a composite decking system with in-floor heating.

Steel Skeleton

Most of the building's structure is in steel memebers, allowing the interiror spaces to be laid ouut by partion walls, making the building more flexible for future modifications. The steel components are - as much as possible - modulated to the same dimensions, in order to facilitate the reocvery and reutilization of these components in the eventual demolition of the building.

Concrete Base and Cores

The ground floor walls are cast-in-place concrete, being used as a solid base for the steel skeleton above and as retention walls for the landscape mounts surrounding the building



Façade System

A structural mullions exoskeleton envelopes the building supporting the glazed façade panels

Mirrored Façade

The convex mirror façade reduces the amount of radiation absorbed by the building while reflecting the solar rays in divergent manner, reducing glare and solar gain to the outdoor spaces and surrounding buildings.

Floor Slabs

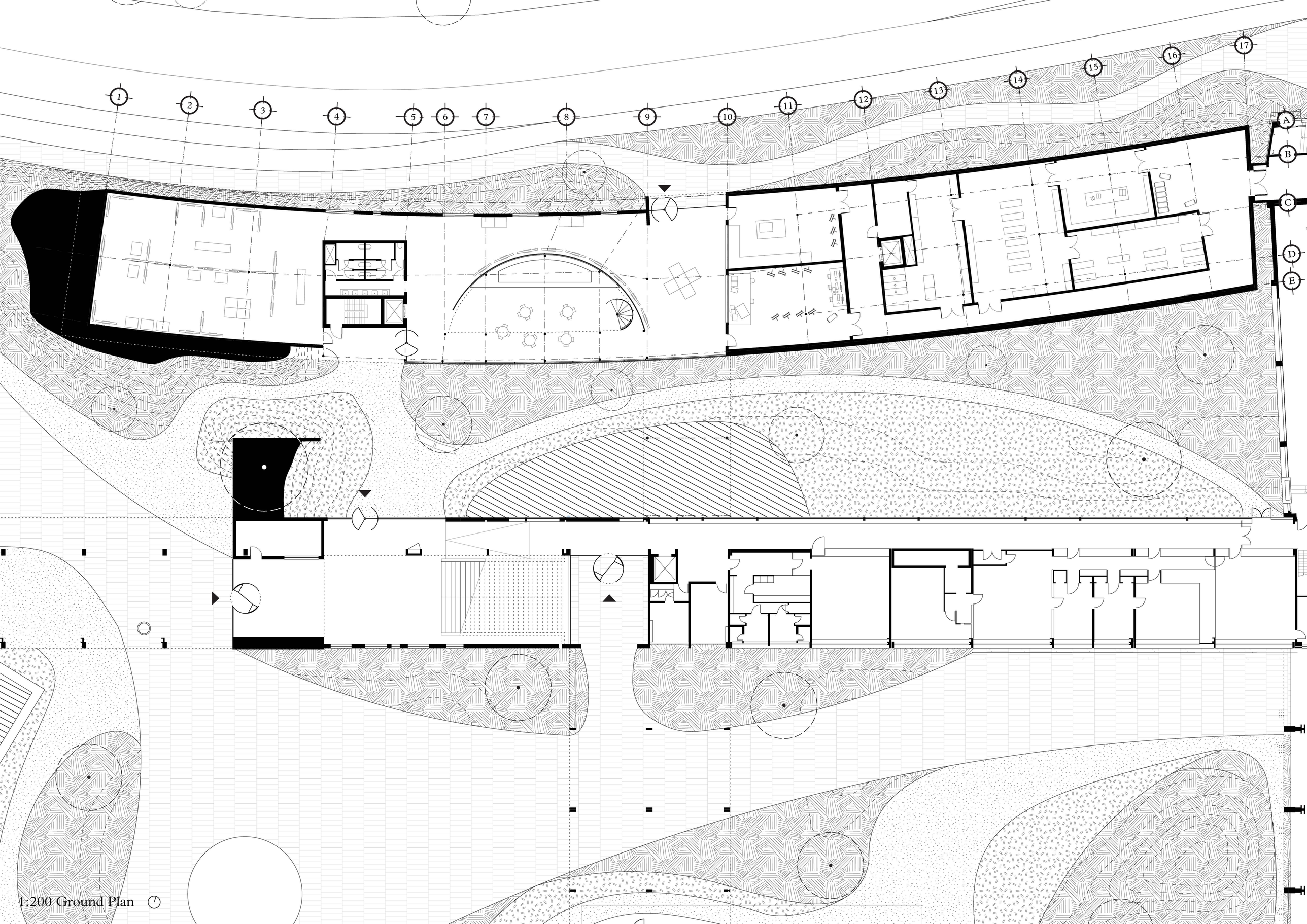
Uses a composite decking system with in-floor heating.

Steel Skeleton

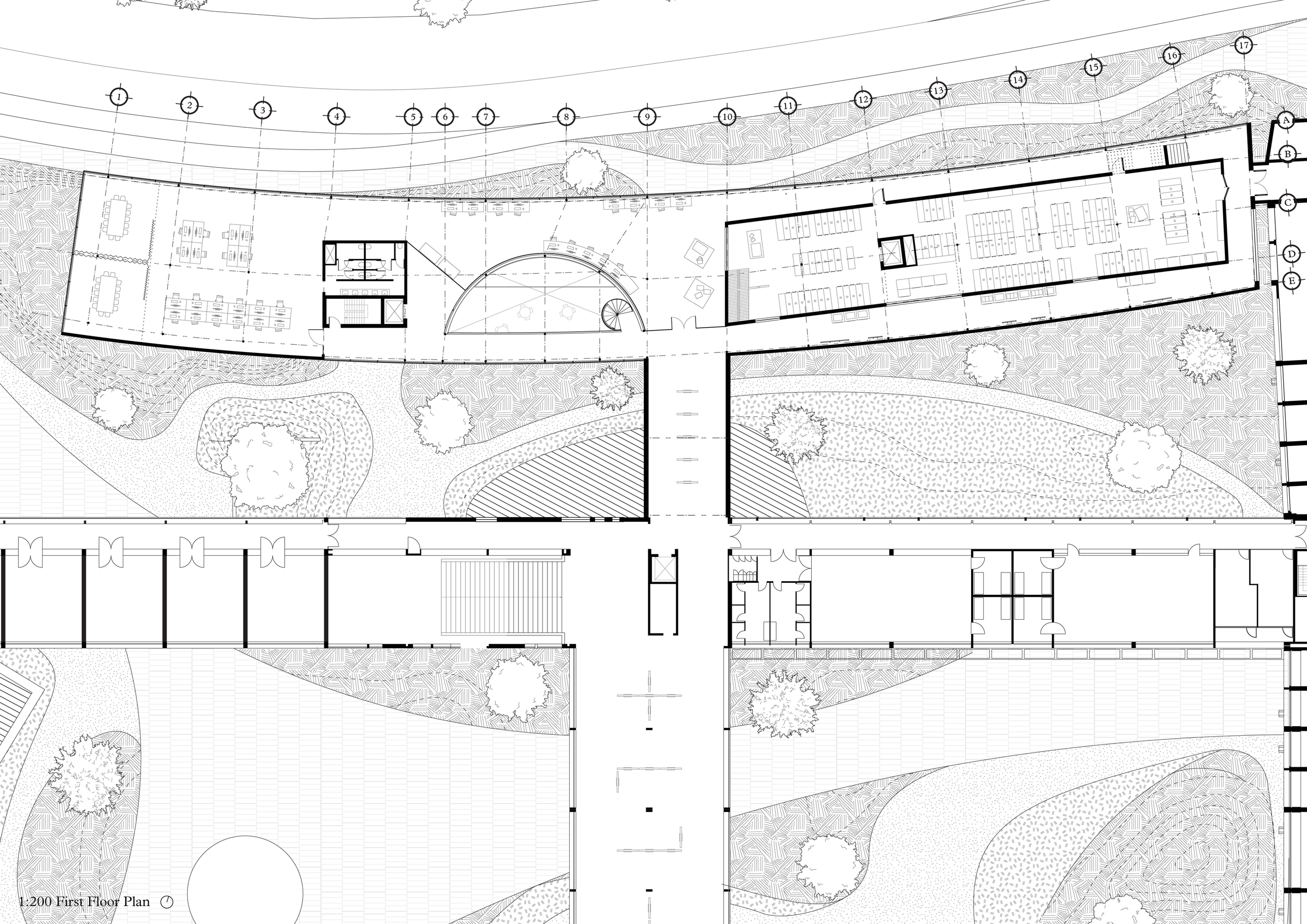
Most of the building's structure is in steel memebers, allowing the interiror spaces to be laid ouut by partion walls, making the building more flexible for future modifications. The steel components are - as much as possible - modulated to the same dimensions, in order to facilitate the reocvery and reutilization of these components in the eventual demolition of the building.

Concrete Base and

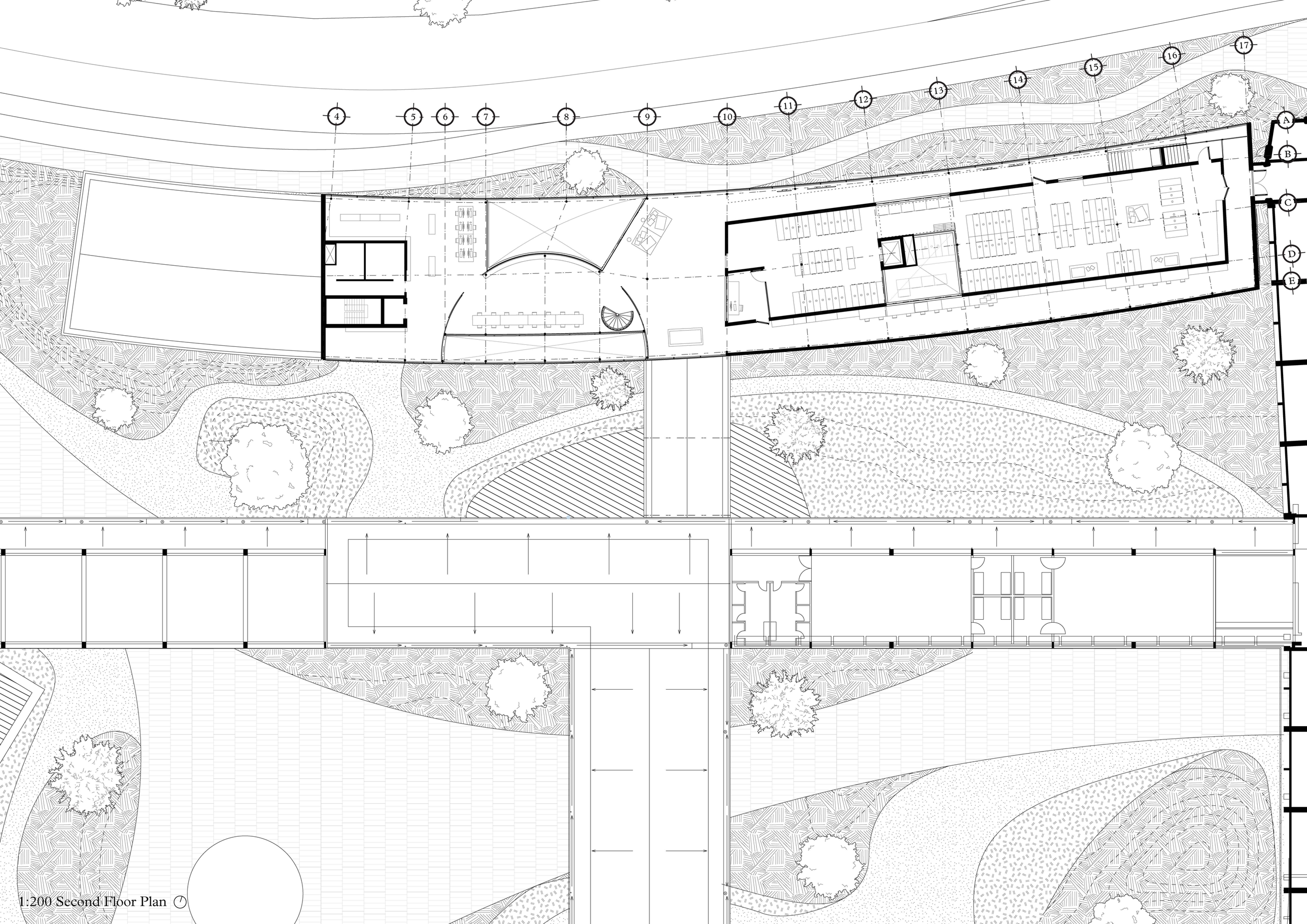
The ground floor walls are cast-in-place concrete, being used as a solid base for the steel skeleton above and as retention walls for the landscape mounts surrounding the building



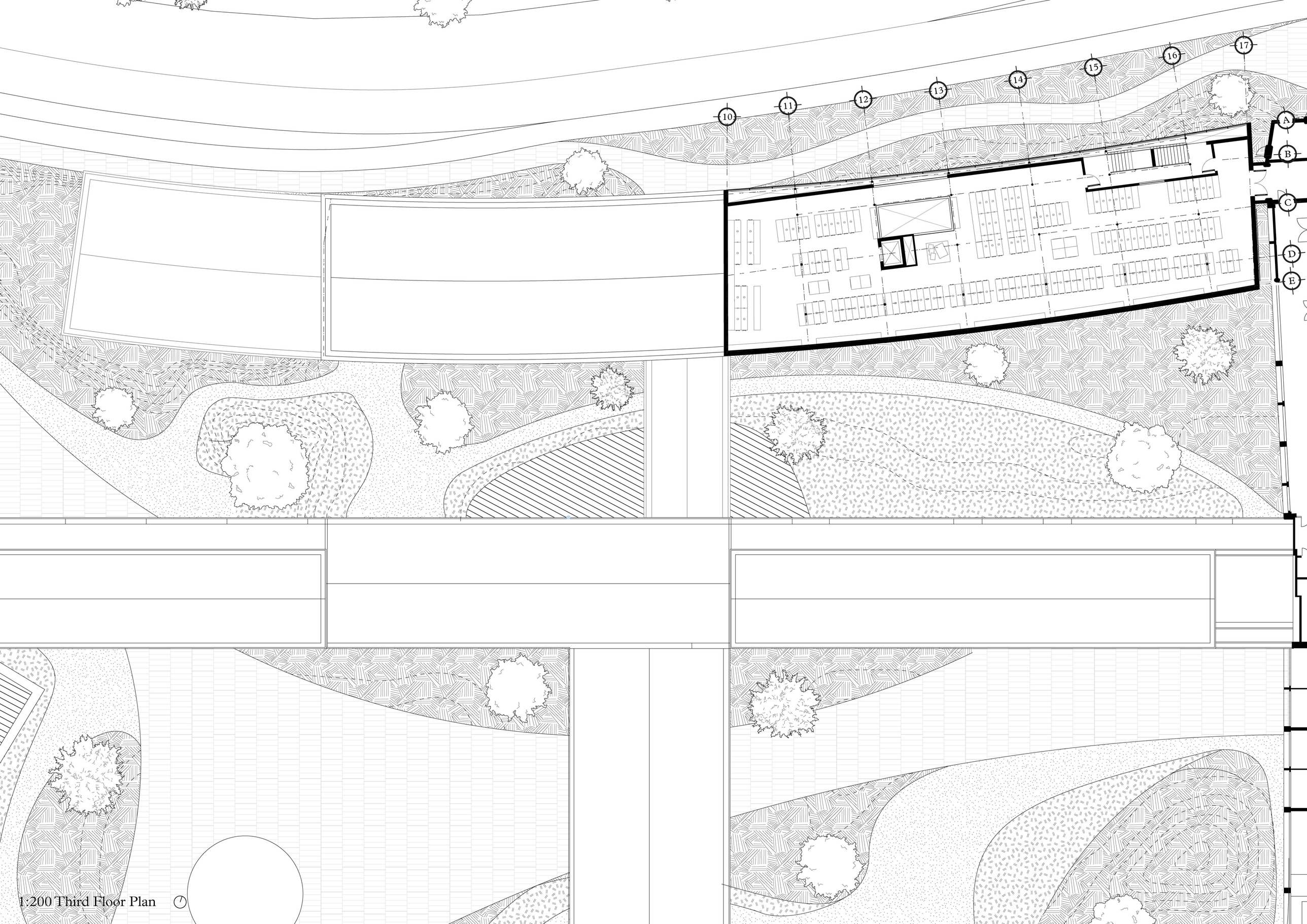
1:200 Ground Plan



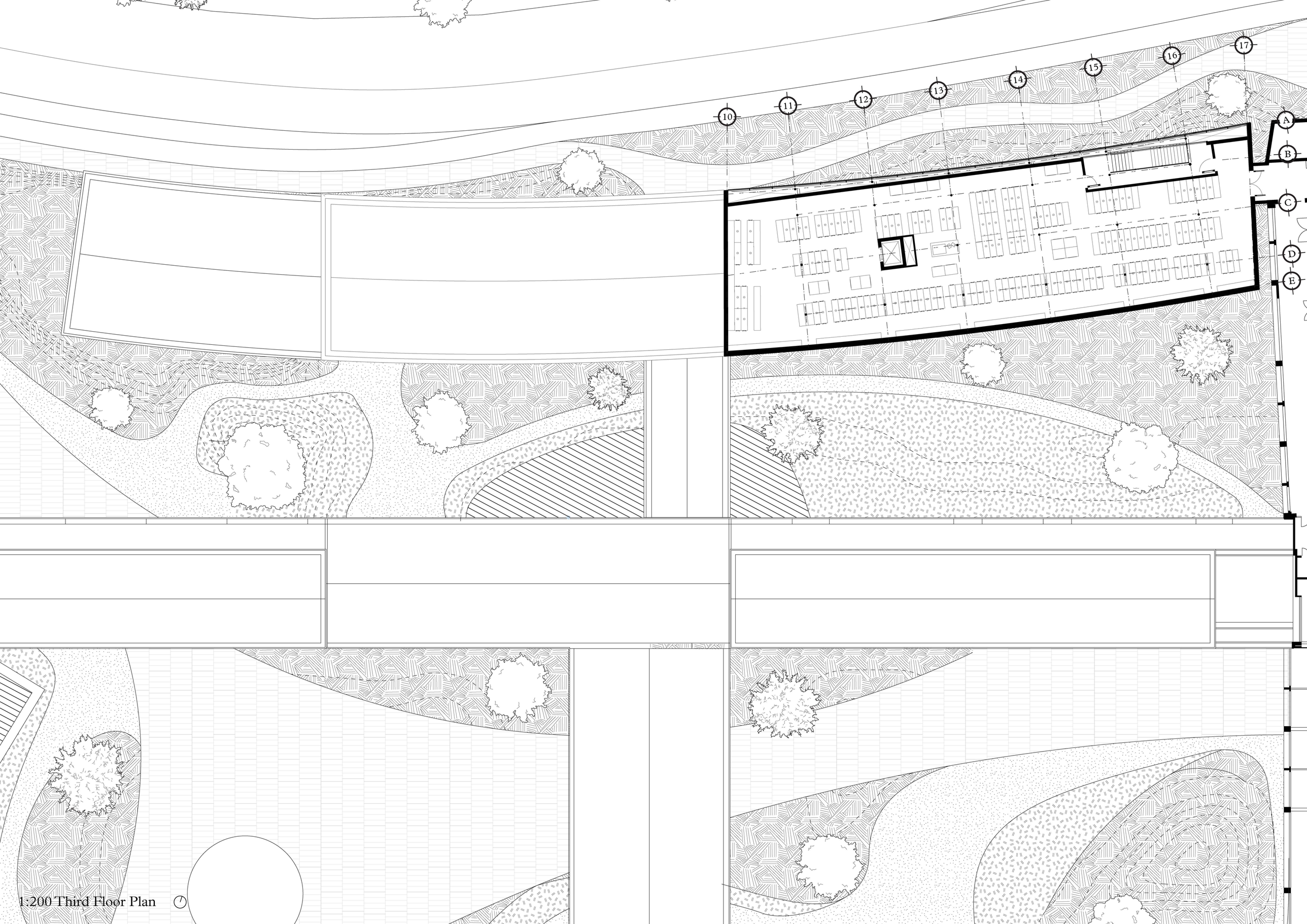
1:200 First Floor Plan



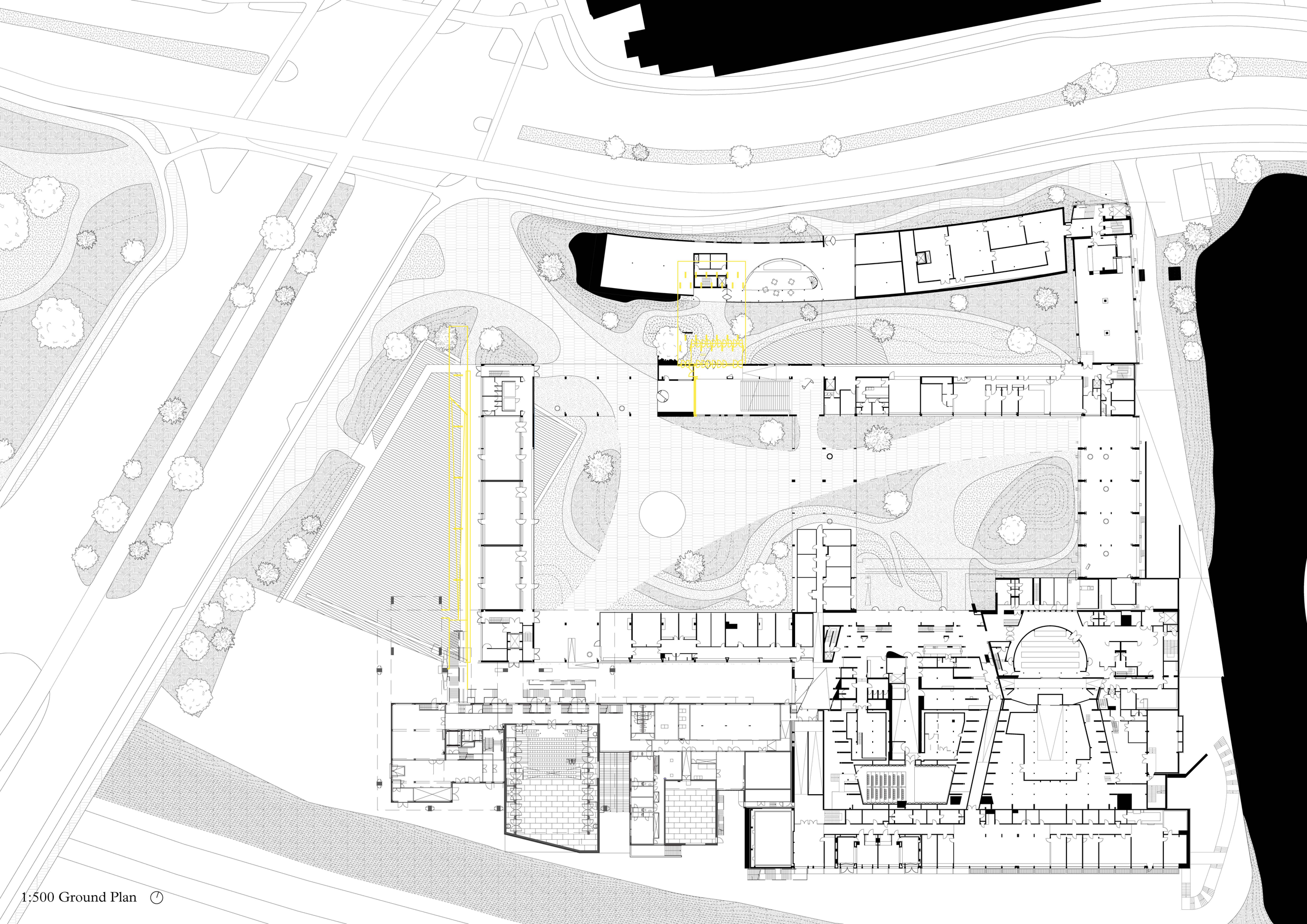
1:200 Second Floor Plan



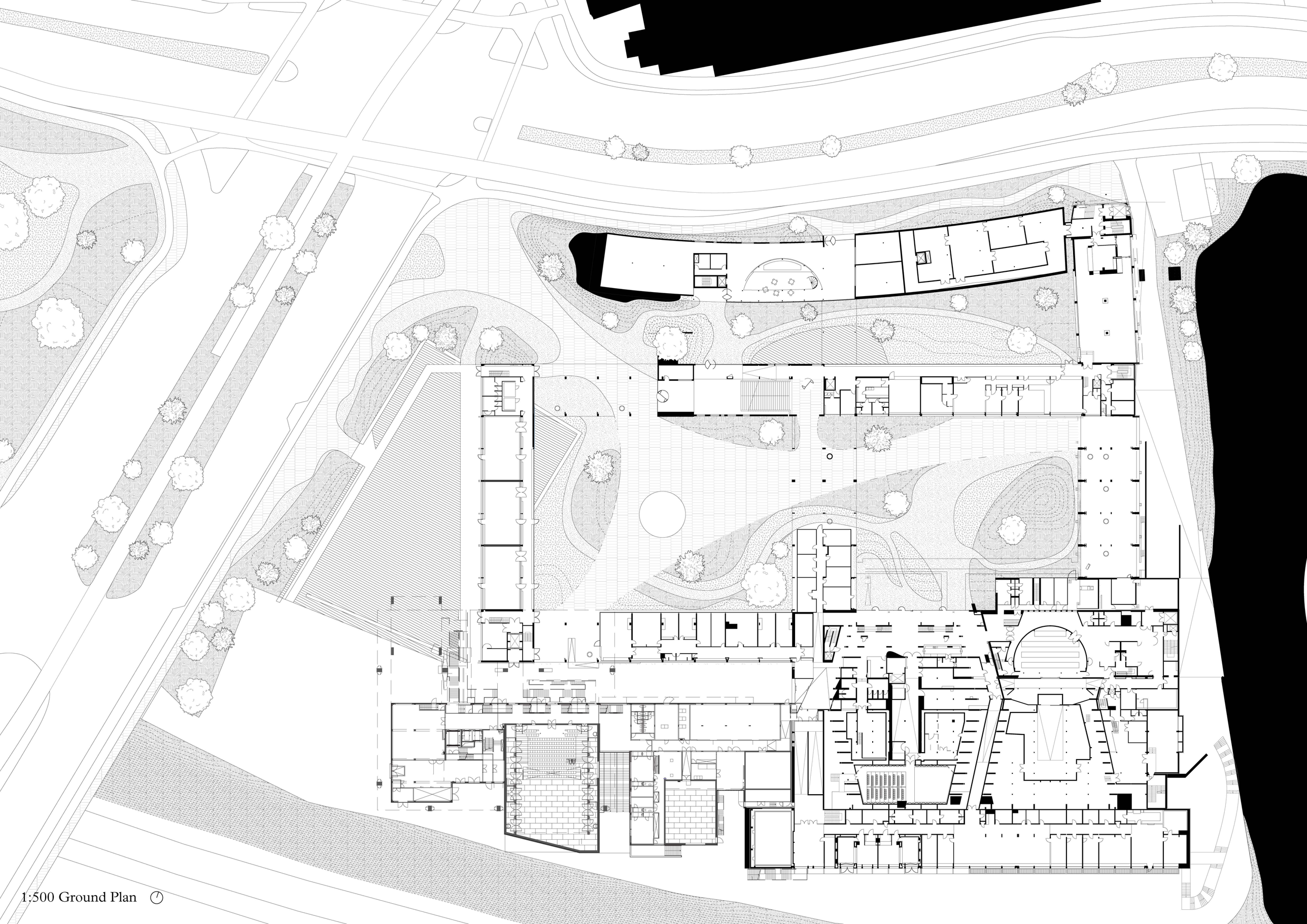
1:200 Third Floor Plan



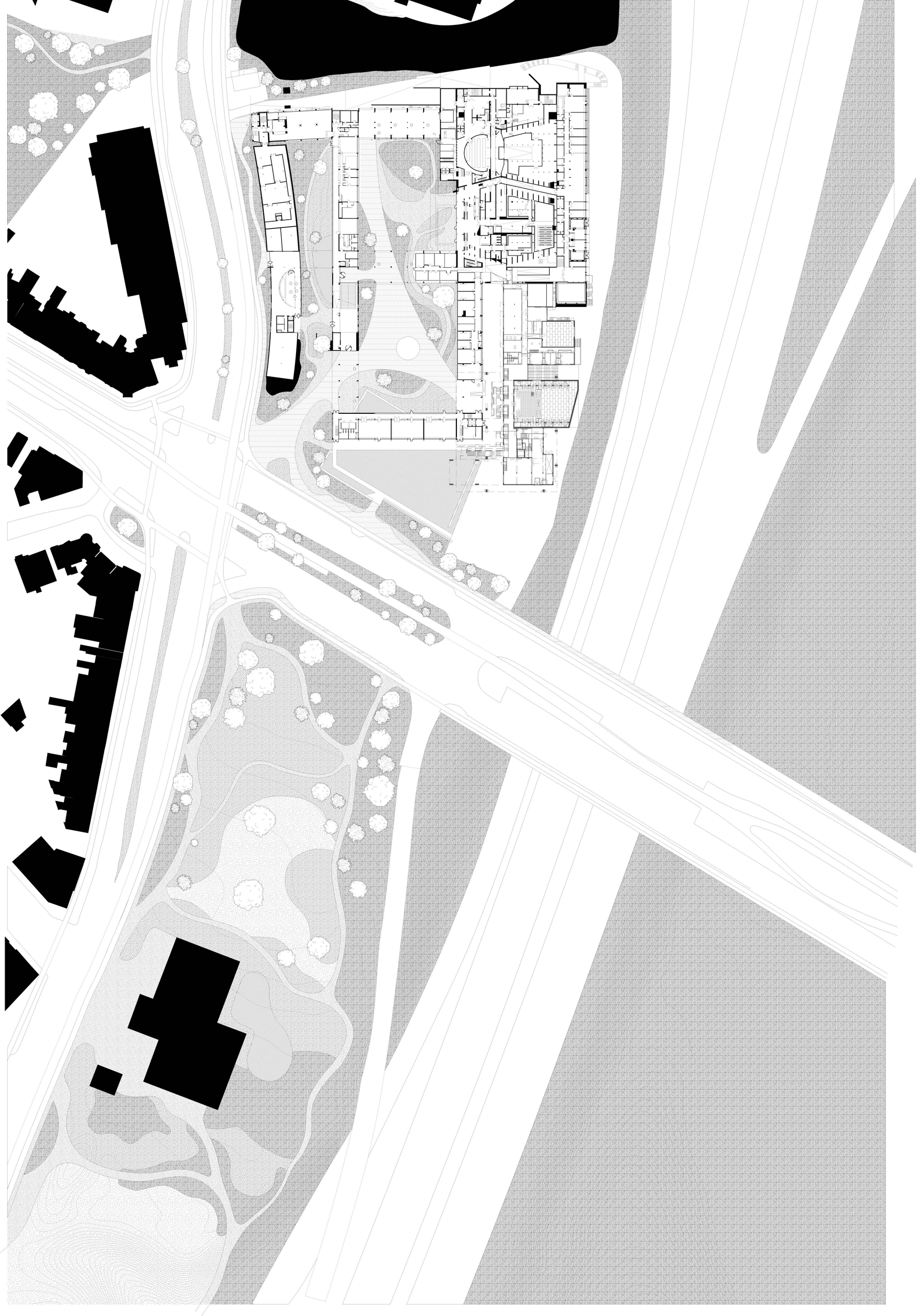
1:200 Third Floor Plan

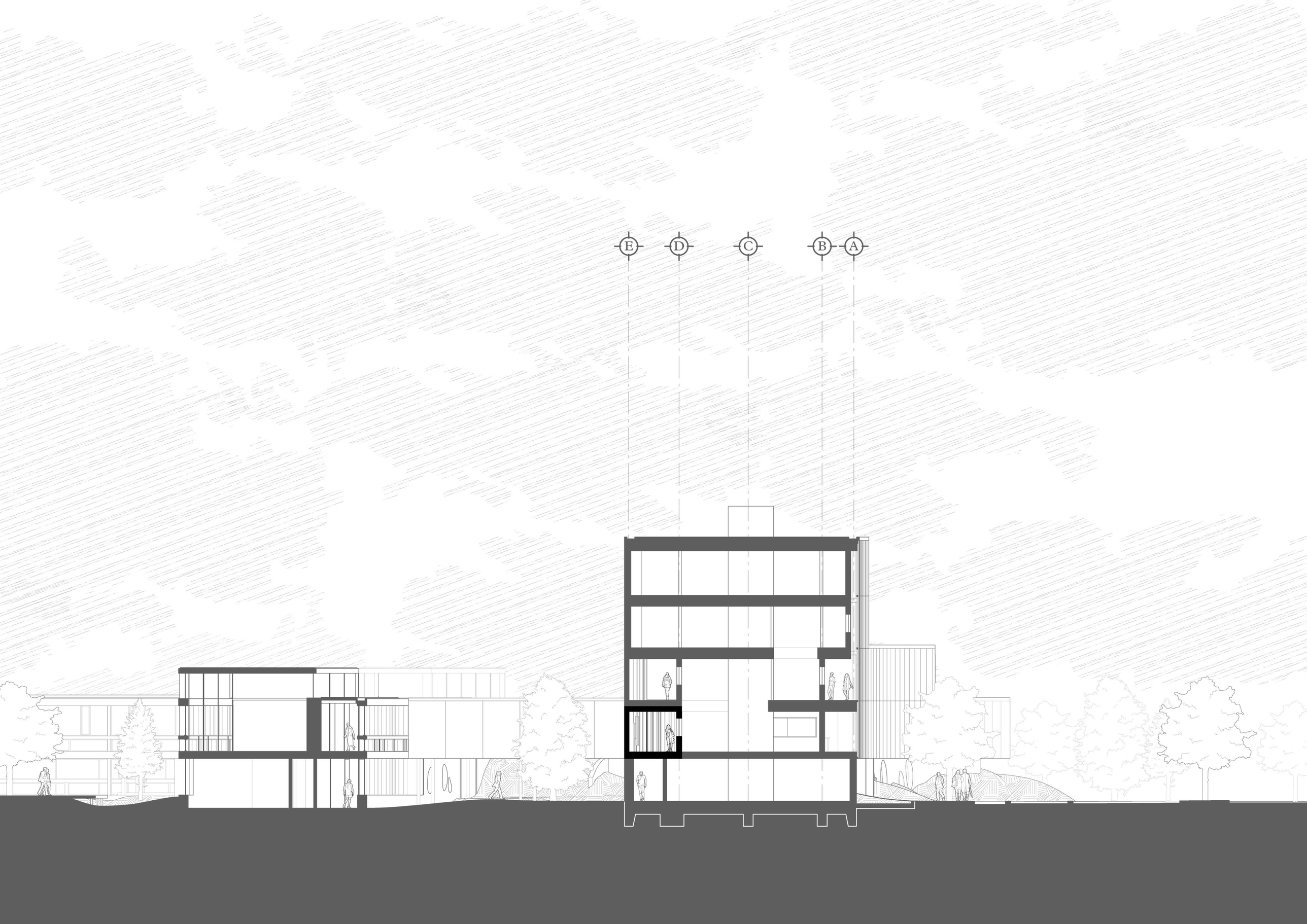


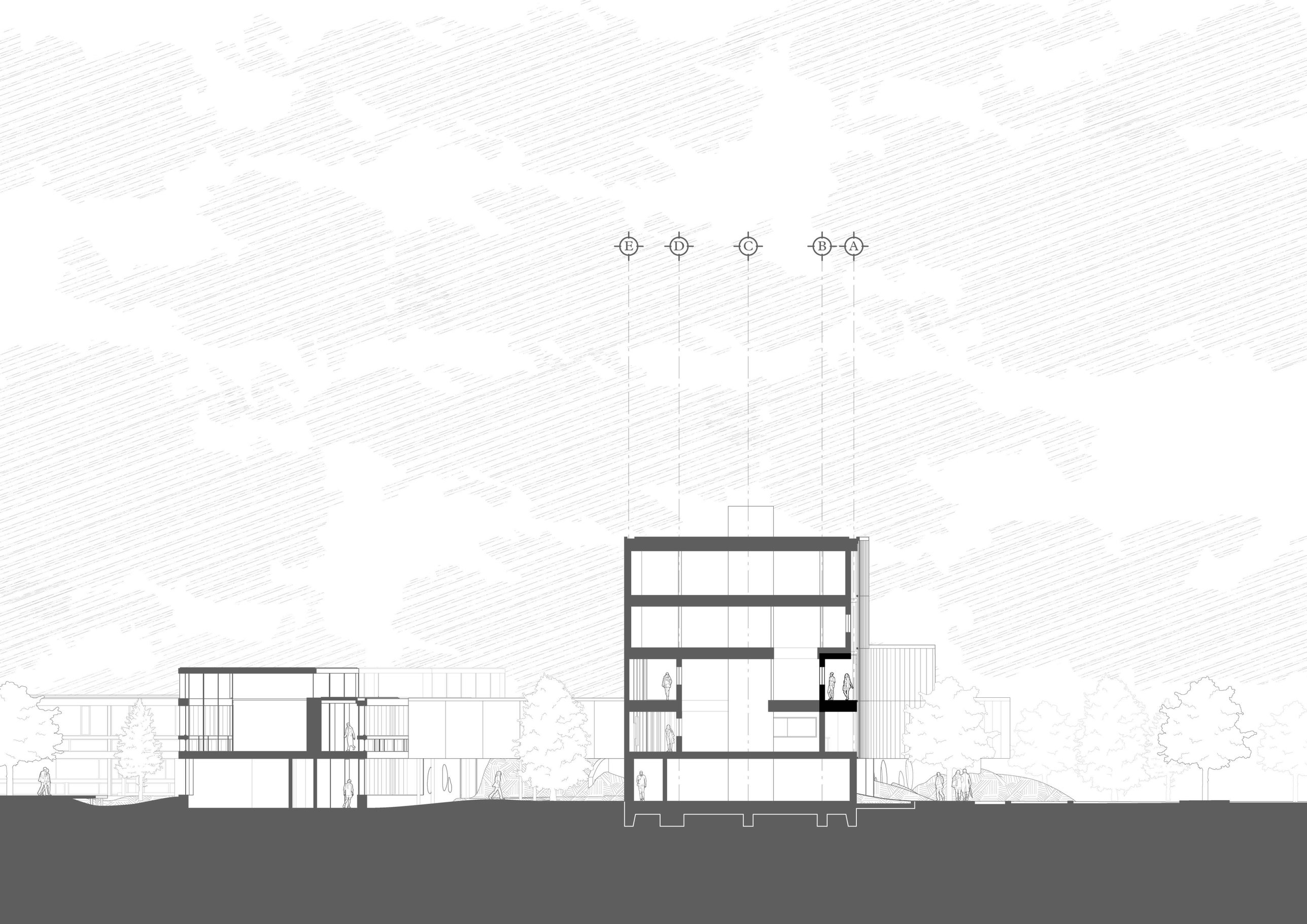
1:500 Ground Plan

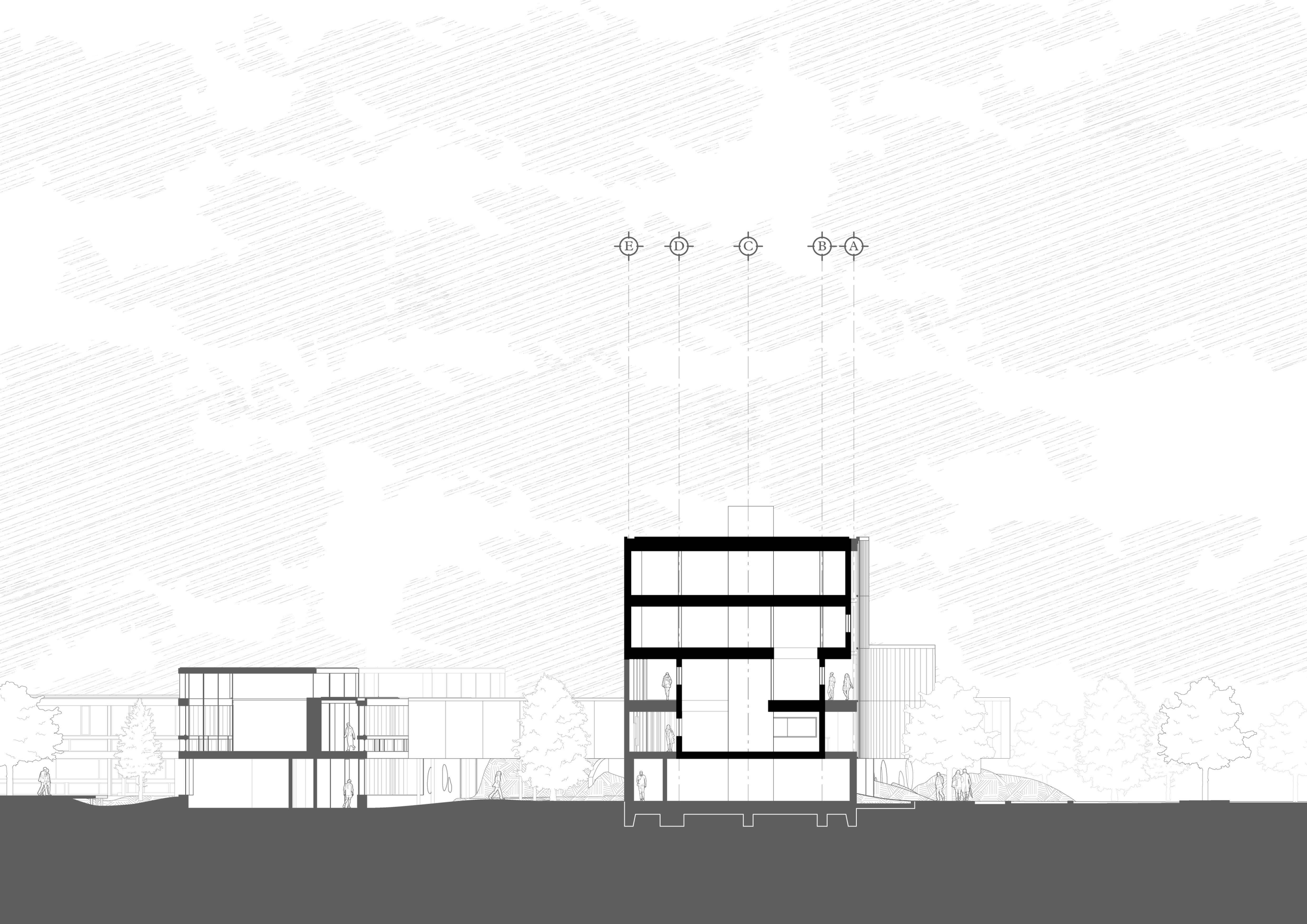


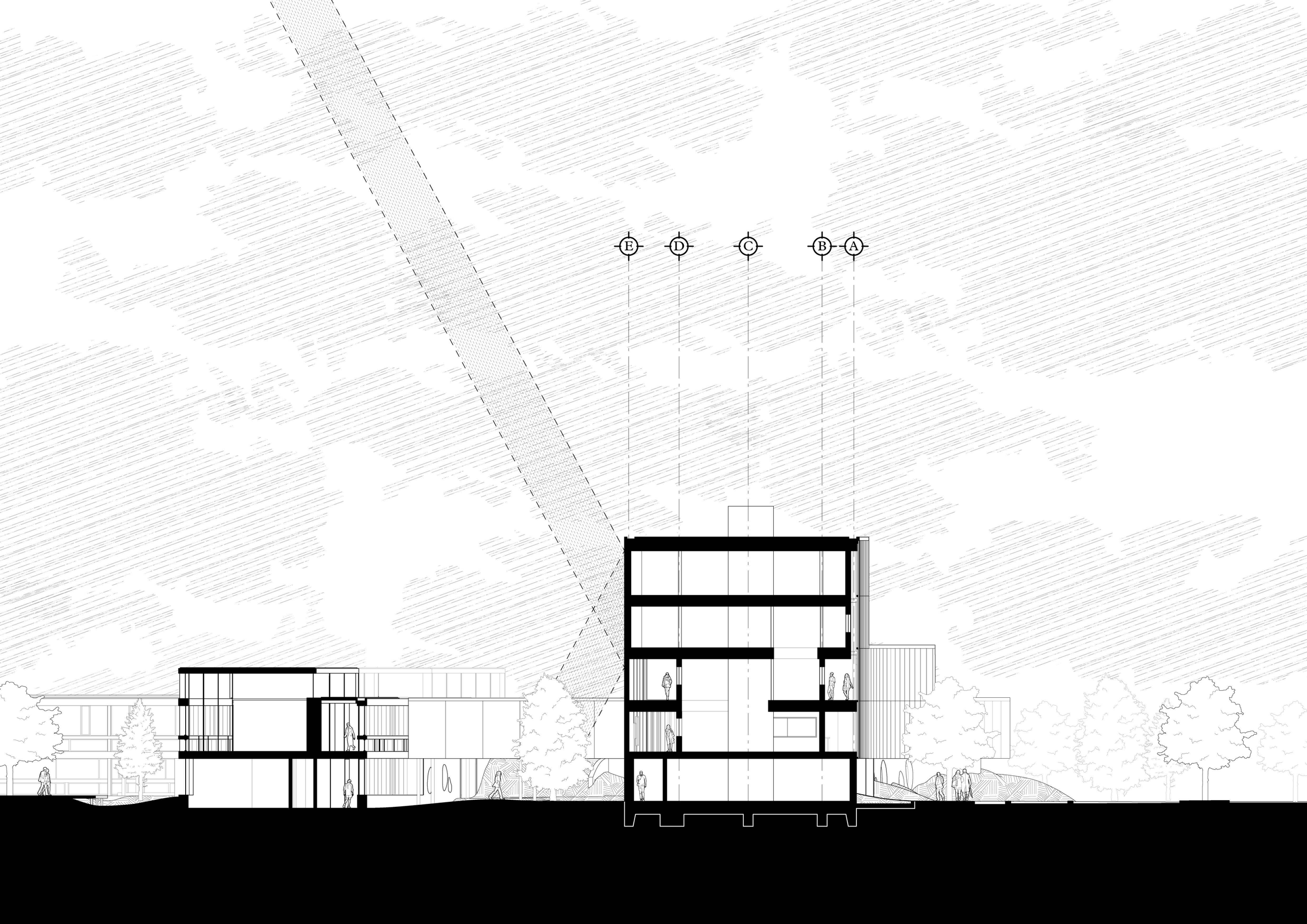
1:500 Ground Plan

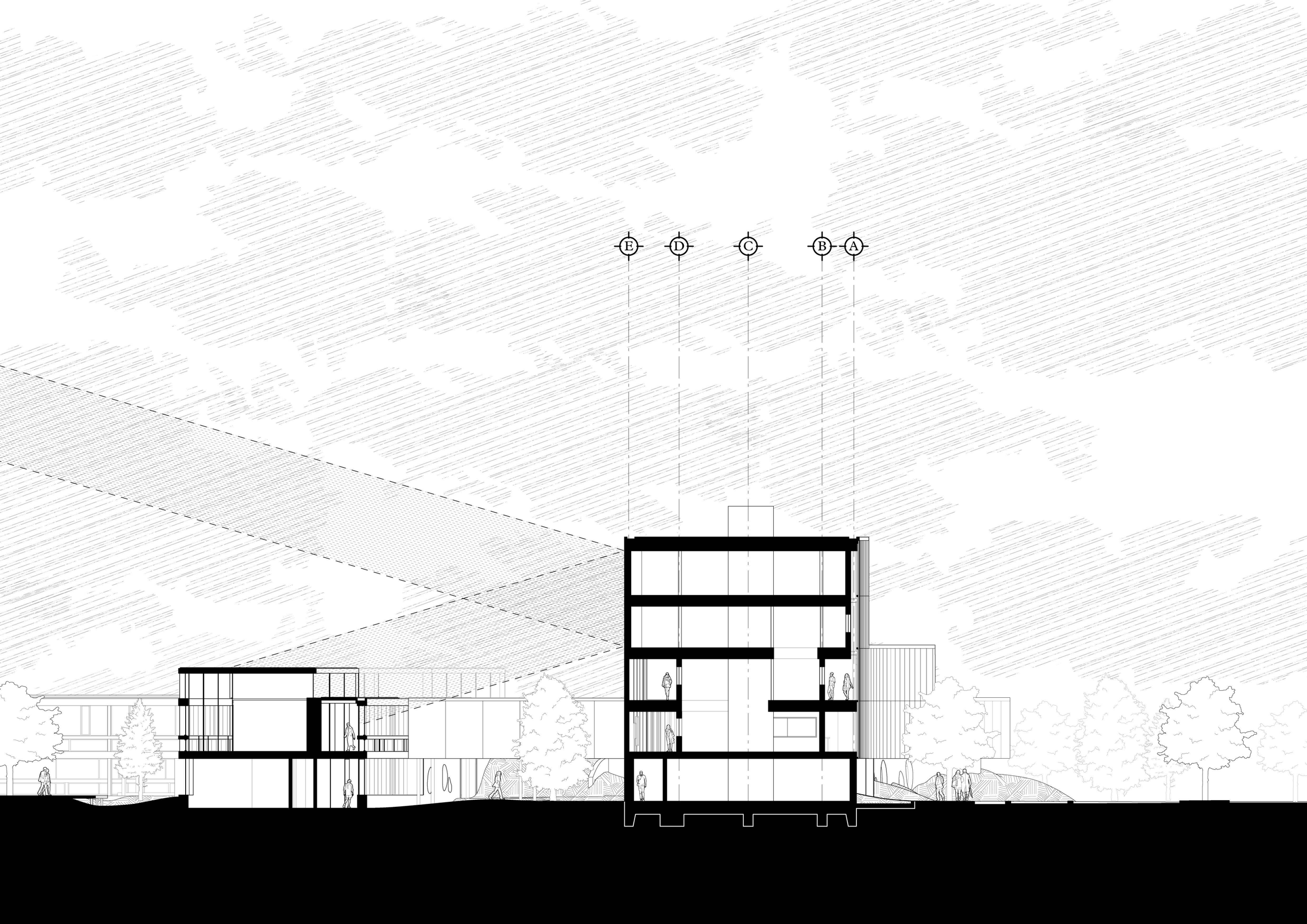


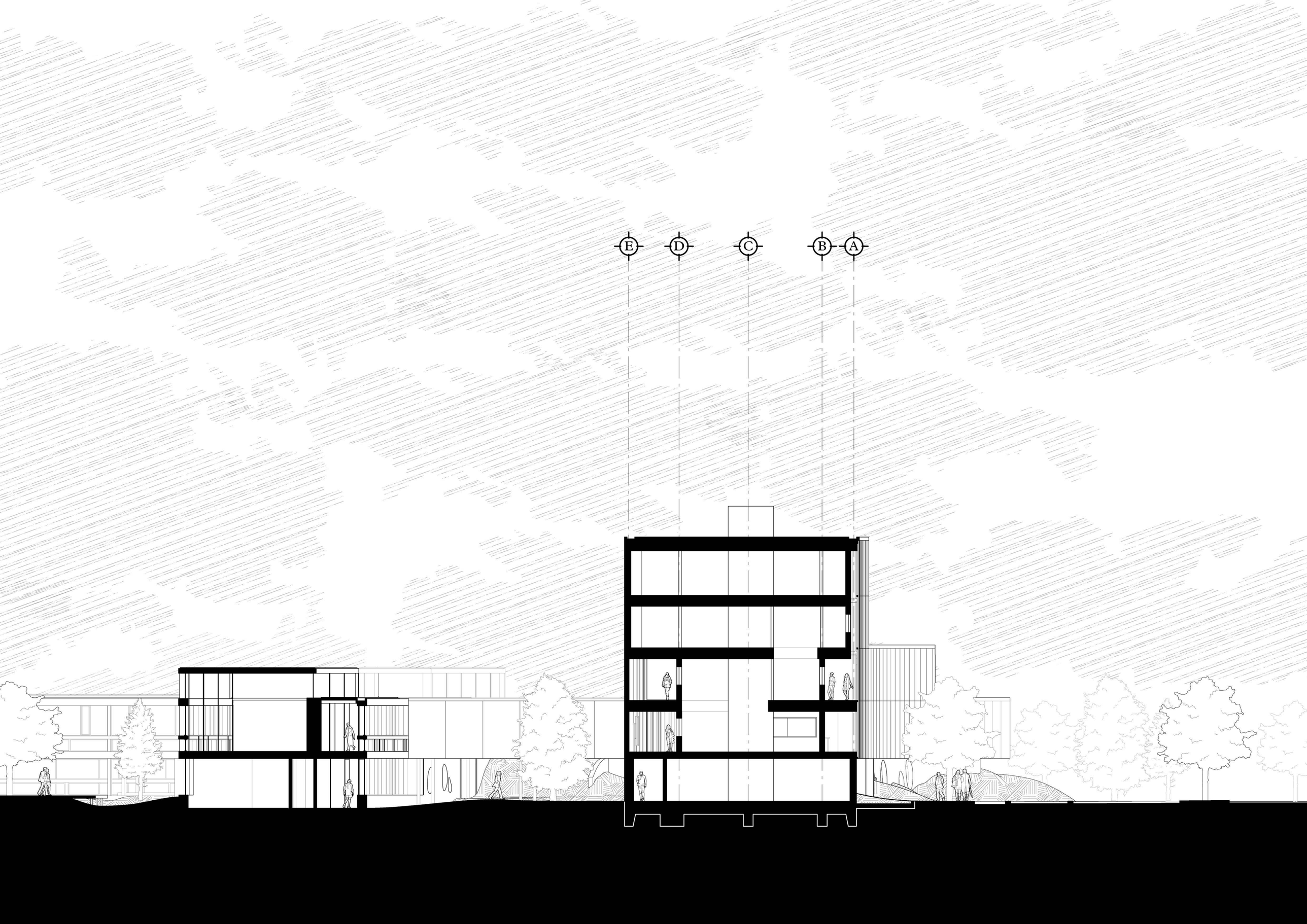

E
D
C
B
A

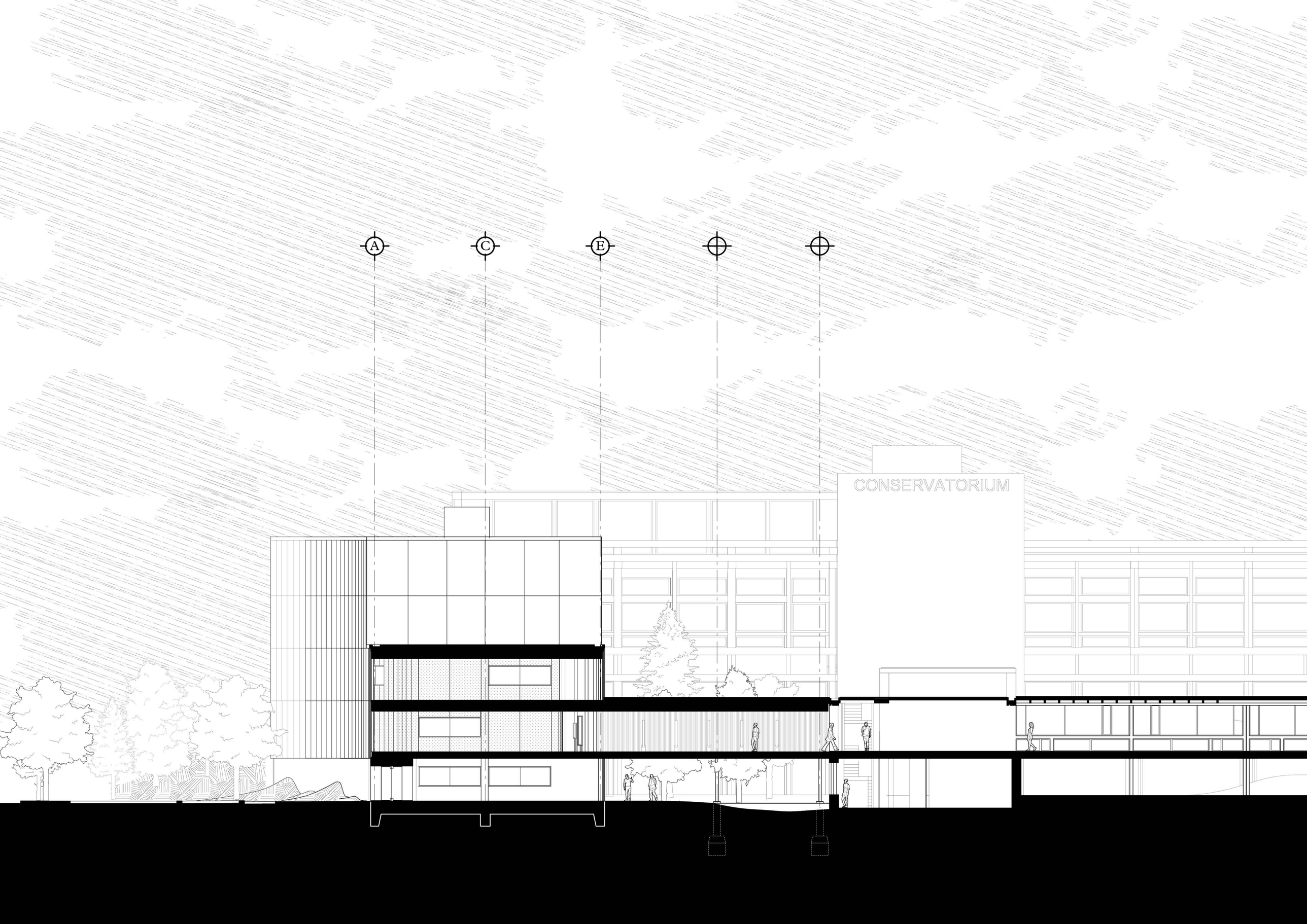

E
D
C
B
A

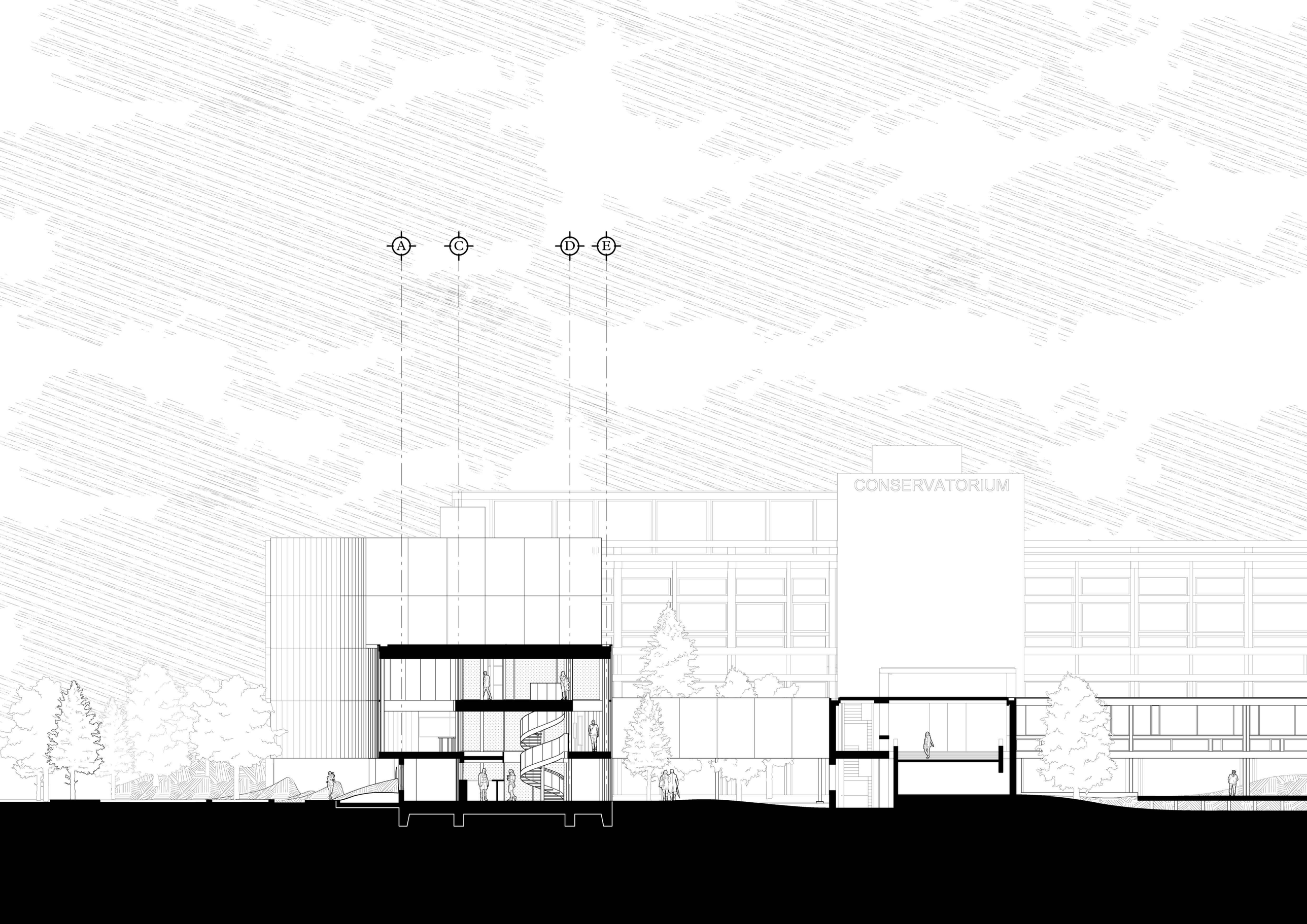

E
D
C
B
A

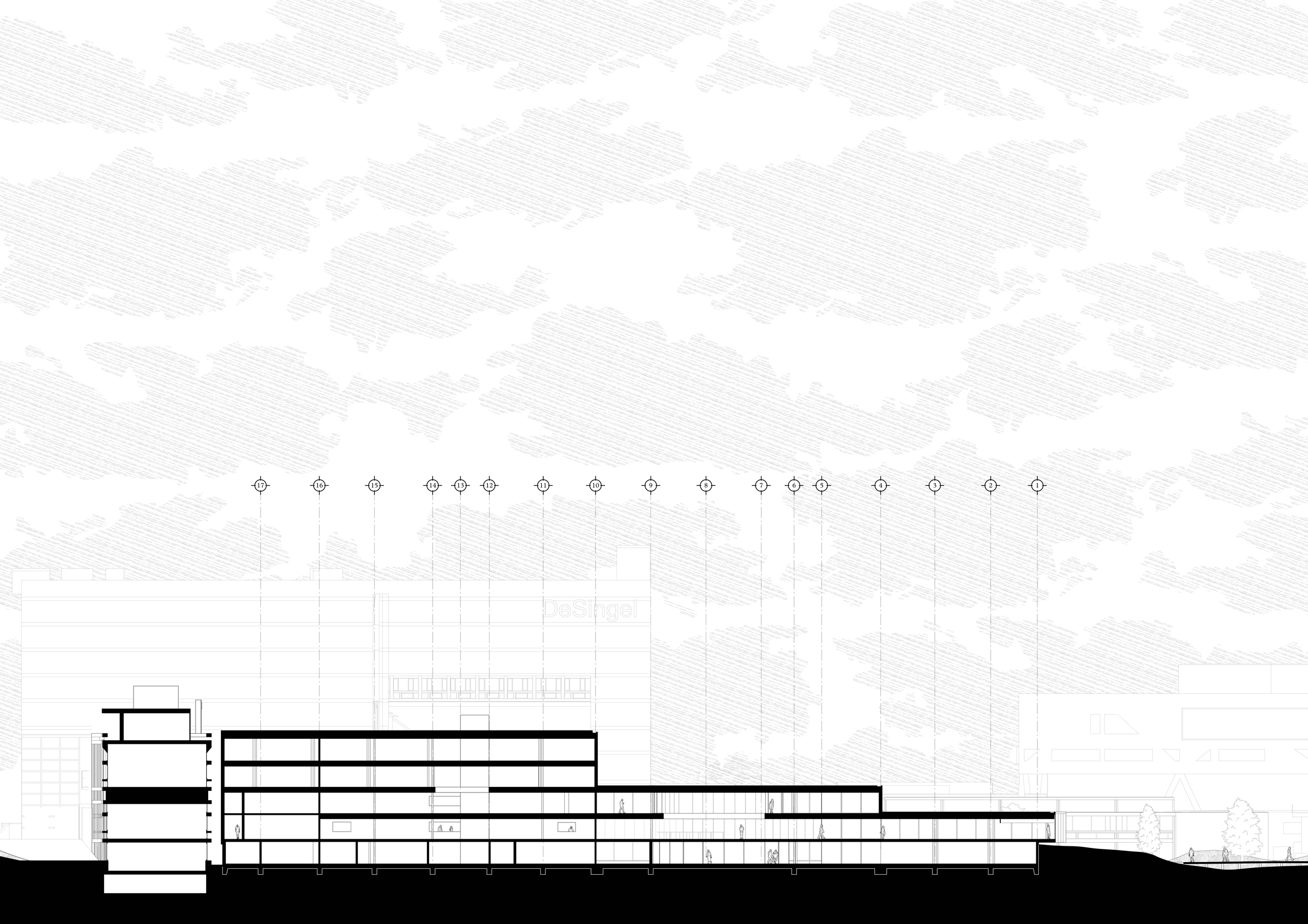

E
D
C
B
A

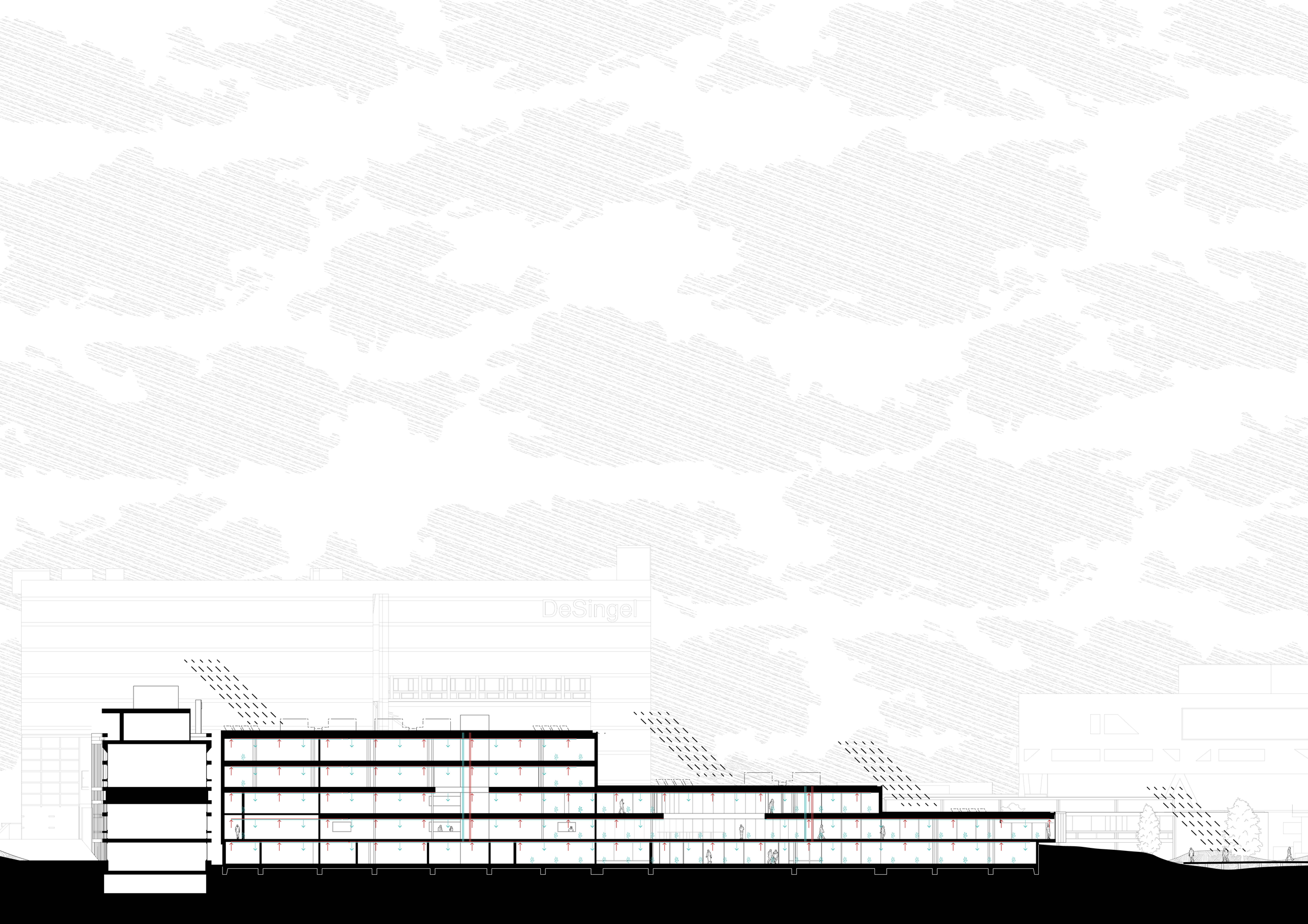

E
D
C
B
A


E
D
C
B
A


A
C
E
CONSERVATORIUM


A
C
D
E
CONSERVATORIUM


17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
DeSingel


DeSingel