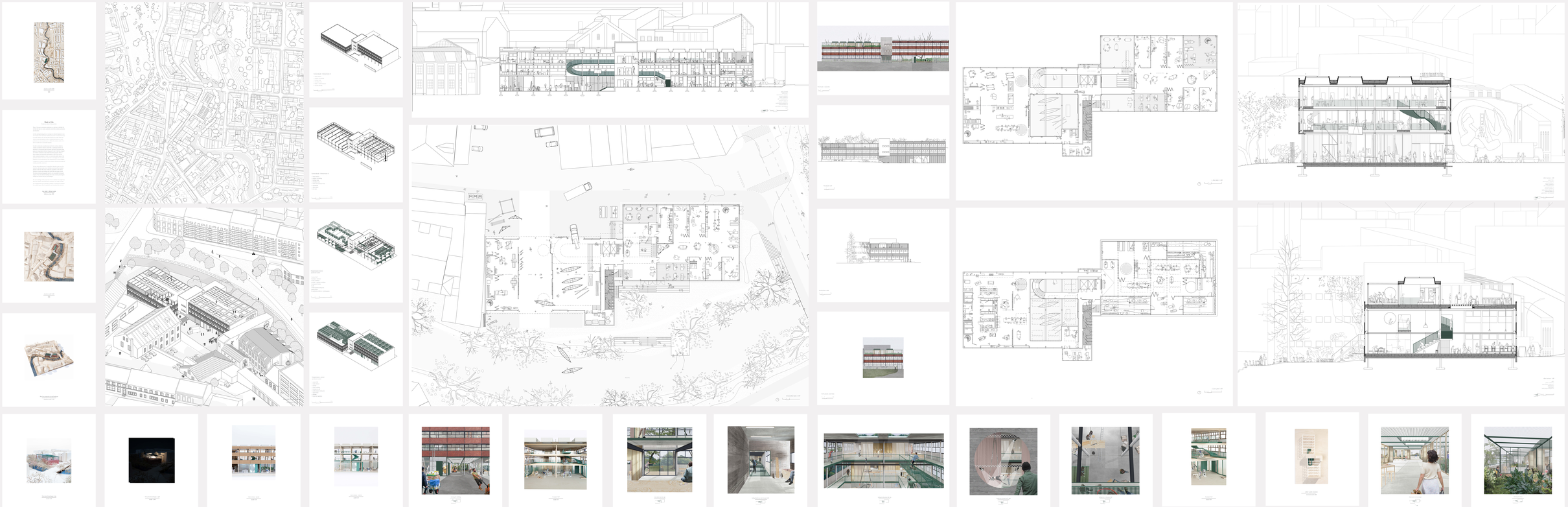


# Made in Oslo

Production School in Brenneriveien

Thesis - We want to reintroduce production as a vital part in the daily life of Oslo. Our task is to create a production school that combines production and education.

In Oslo, soaring housing prices are causing new urban development to consist of mainly mono-functional residential areas.This one-dimensional focus is in stark contrast to the vital and often chaotic lure of cities. These new norms of urban development are also a fundamental threat to our cities productiveness and competitiveness. In 2020, urban industry tends to be a facet of city life most conveniently forgotten.

In order to reintroduce manufacturing into the city, we have settled on creating a production school in central Oslo. A production school is an alternative to conventional upper secondary education. The school's target group are young students between the ages of 16 and 25 that have dropped out of either vocational or study-related education programs. Many of these teenagers need motivation and guidance to find a new way into either continued education or work. As a result of the public nature of the production school, it has been a central task to investigate how new public programs can be incorporated into the existing structure. The the building is organized as a sequence of public spaces along a walkway, perforating and winding around the central core.

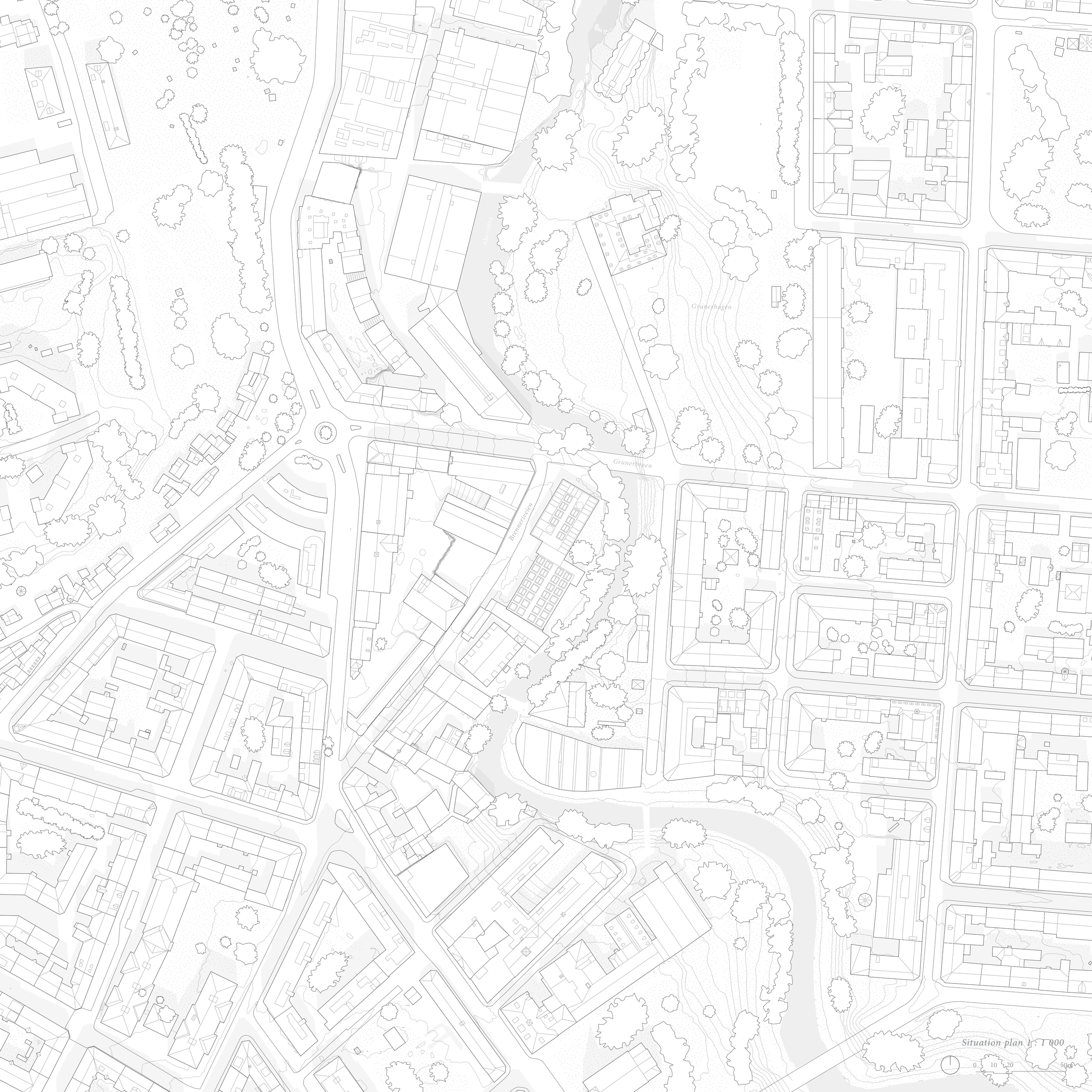
We have chosen Brenneriveien 11 along River Akerselva as the site of the school. As with most urban rivers, the banks were sites of heavy industrialization in the late 19th century. Unlike the great Rhine or the Mersey, Akerselva is narrow and winding, with violent falls and strong currents. This feature of physical geography made the river unsuitable for transport of goods. Thus, the industrial buildings does create a barrier protecting the tranquil river form the busy city surrounding it.

The main challenges of this project have been to distribute the daylight into these deep volumes, and provide spaces suited for a new mode of production. Simultaneously, we are aiming to transform an anonymous warehouse into a playful space, where the productive and recreational city intersects.

Lars Aabel + Miriam Landa

*Diploma spring 2020*

*Situation model 1 : 2 000*

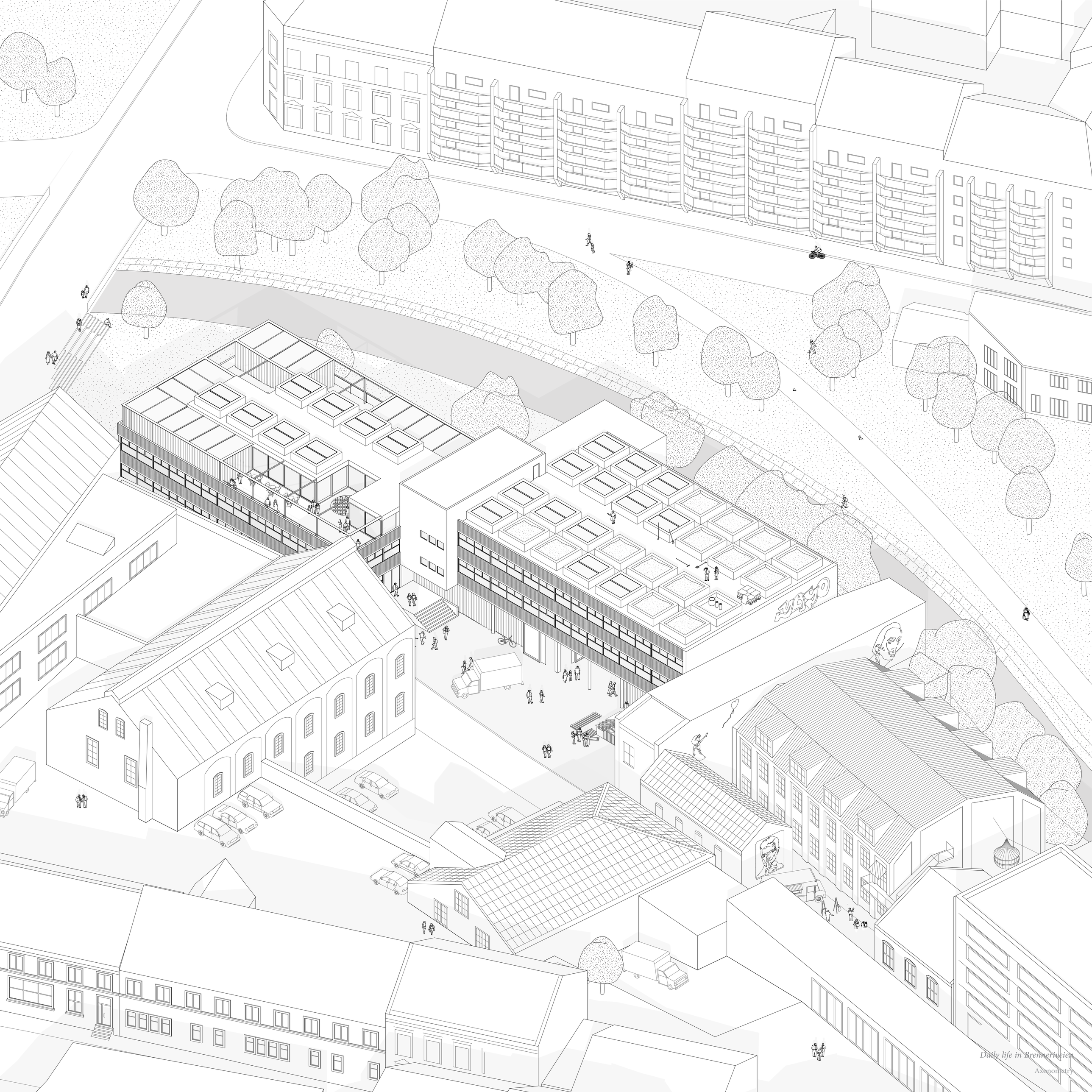



Situation plan 1: 1 000

*Situation model 1 : 500*

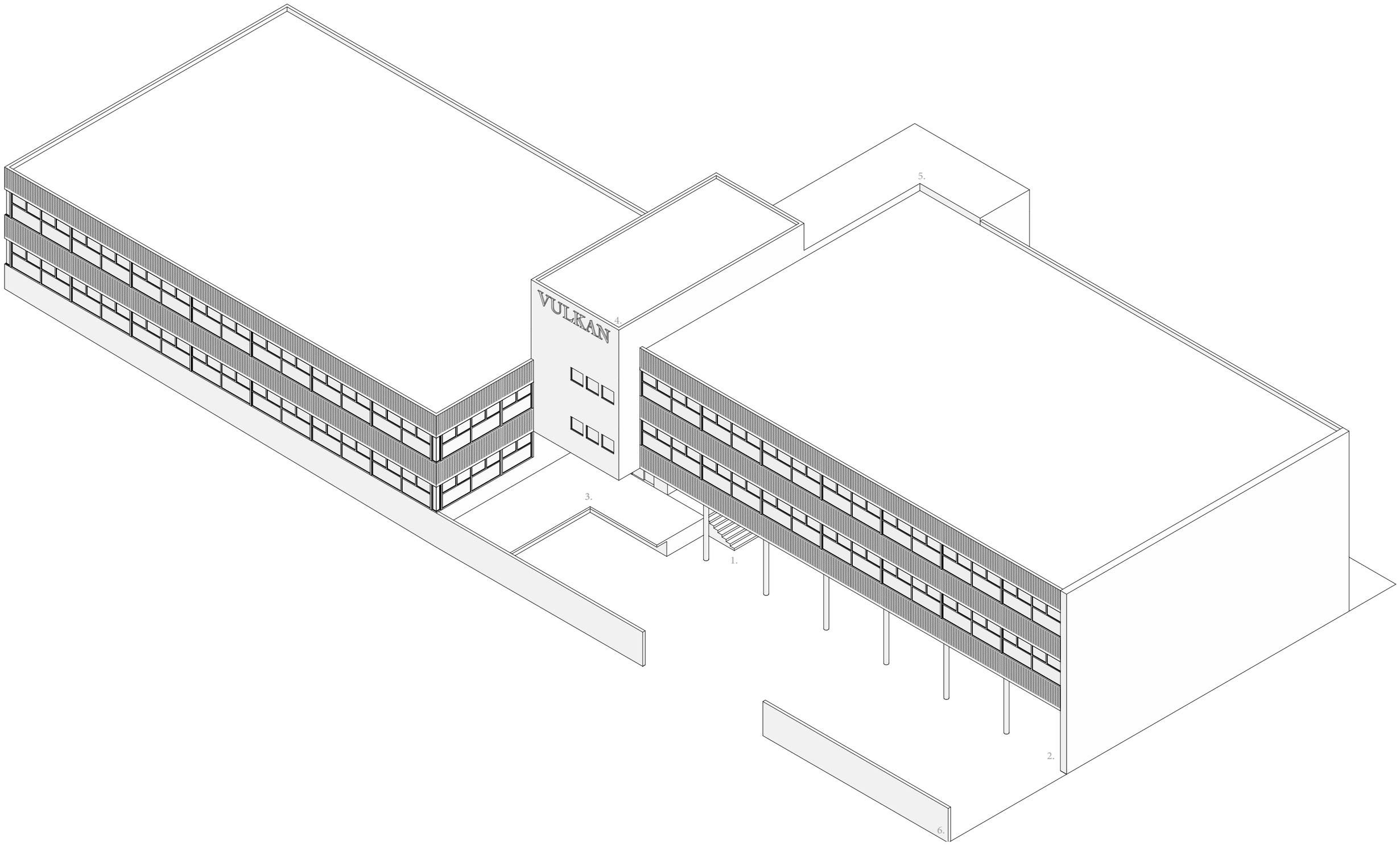
*Bird's eye view of roofscape*

Situation model 1 : 500



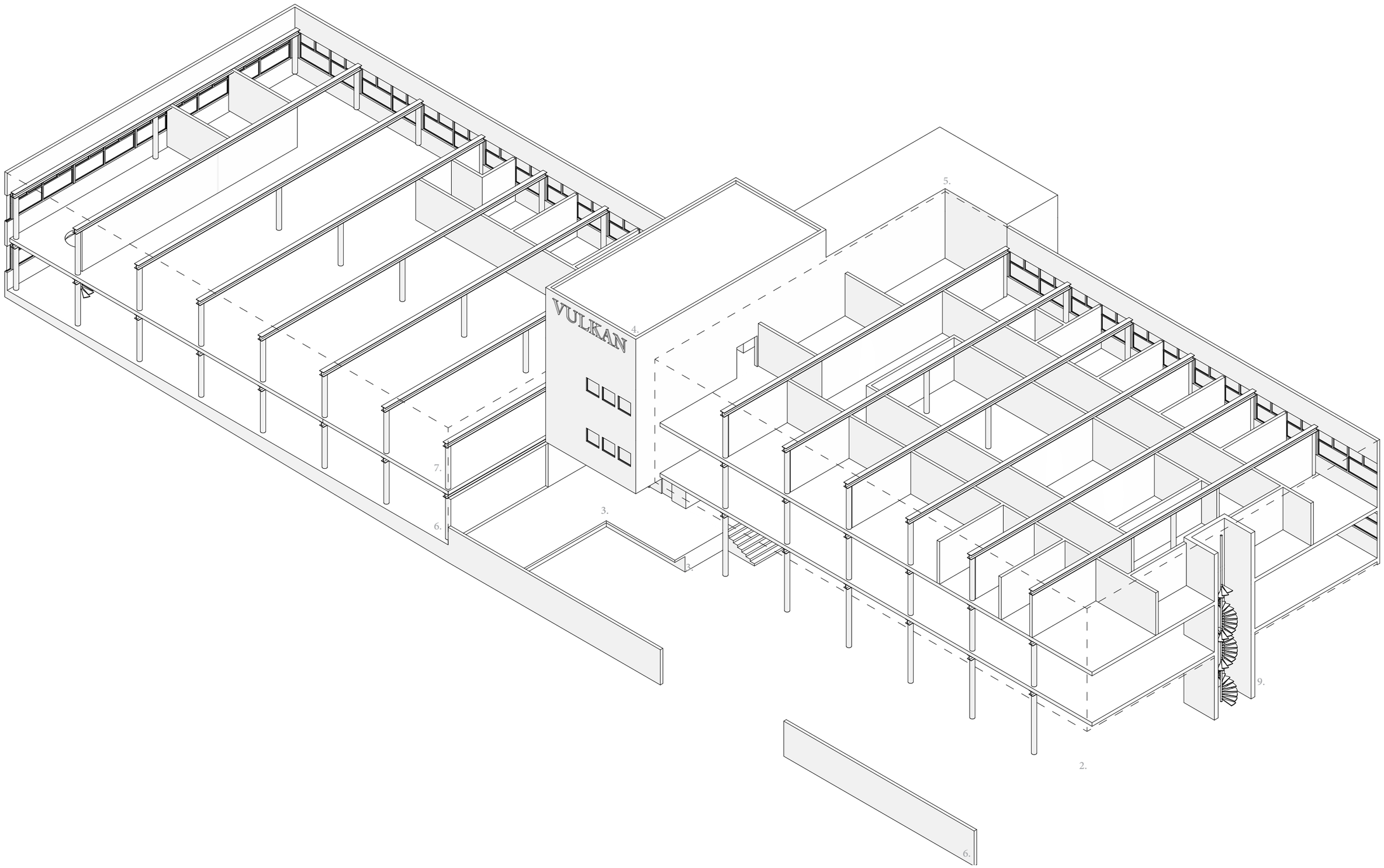
*Daily life in Bremerviertel*

Axonometry



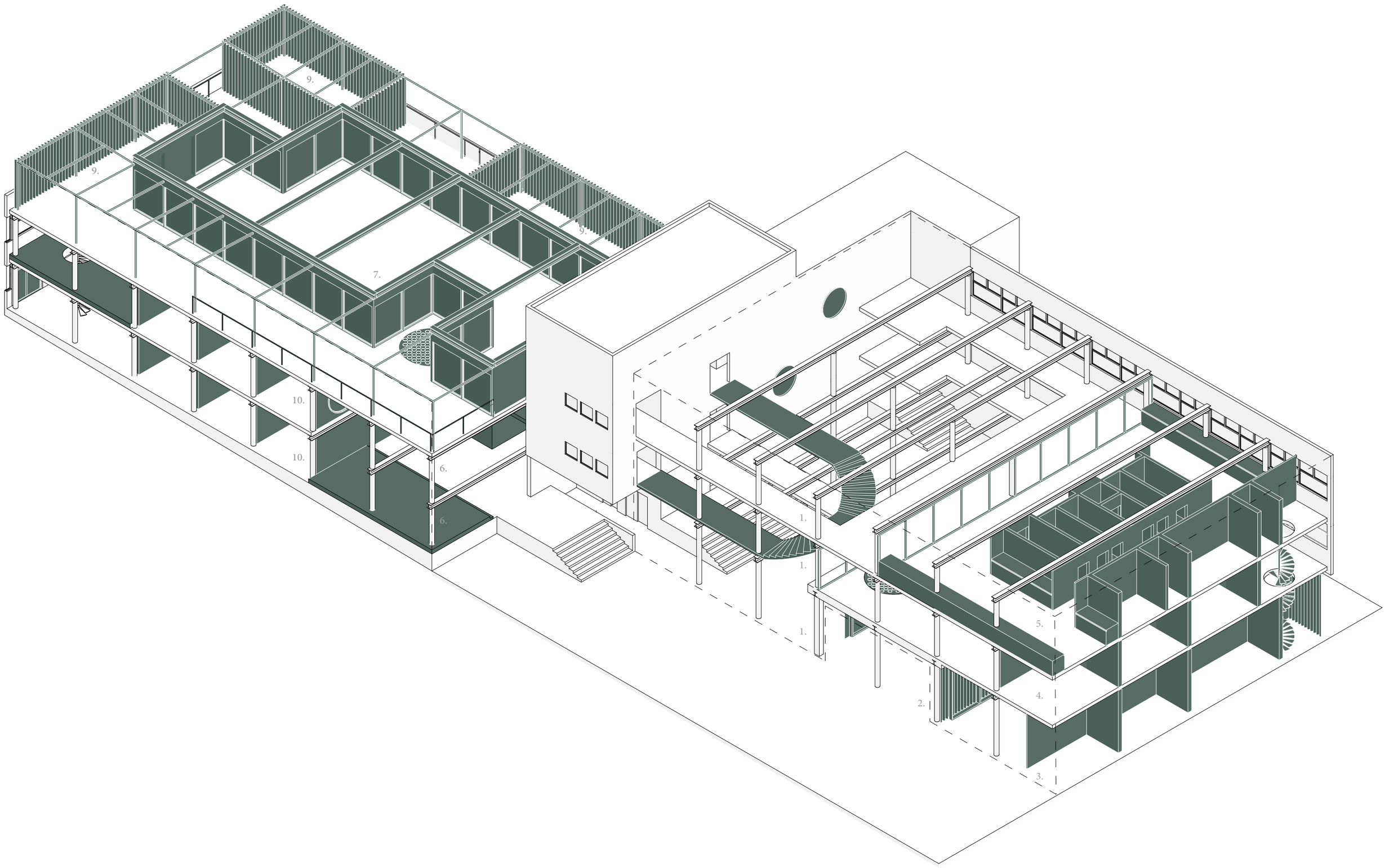

*Current facade - Brenneriveien 11*

1. Main entrance
2. Outdoor car parking
3. Loading dock
4. Circulation core
5. Toilets + technical spaces
6. Concrete walls



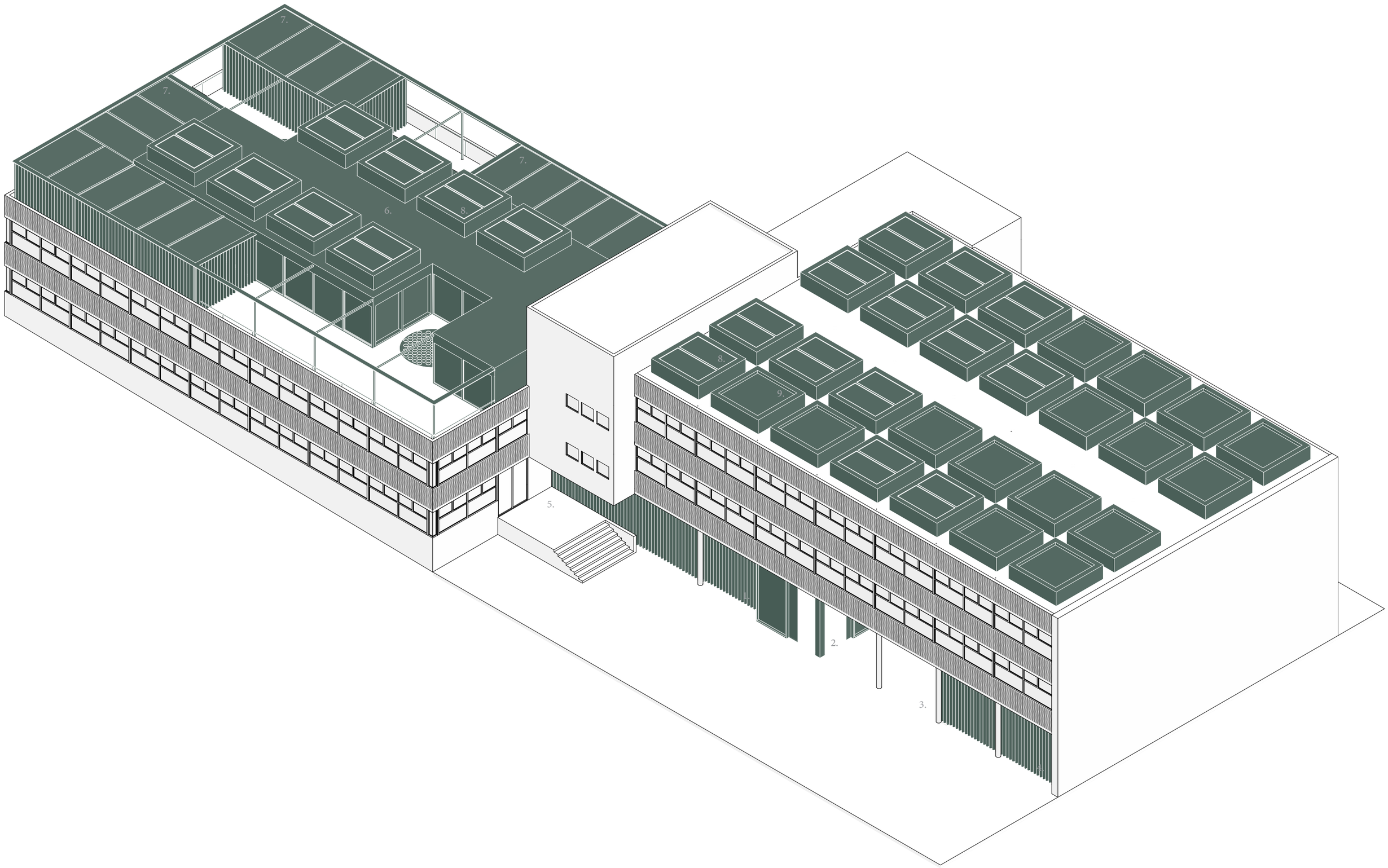

*Current facade - Brenneriveien 11*

1. Main entrance
2. Outdoor car parking
3. Loading dock
4. Circulation core
5. Toilets and technical rooms
6. Storage hall
7. Office spaces
9. Fire escape




*Transformation interior*
*Production school*

1. Project hall
2. Passage + entrance
3. Main workshop
4. Model + carpenter workshop
5. Restaurant  kitchen
6. Cafe
7. Multi-purpose eating area
9. Green house
10. Production office/ Co -working space




*Transformation exterior*
*Production school*

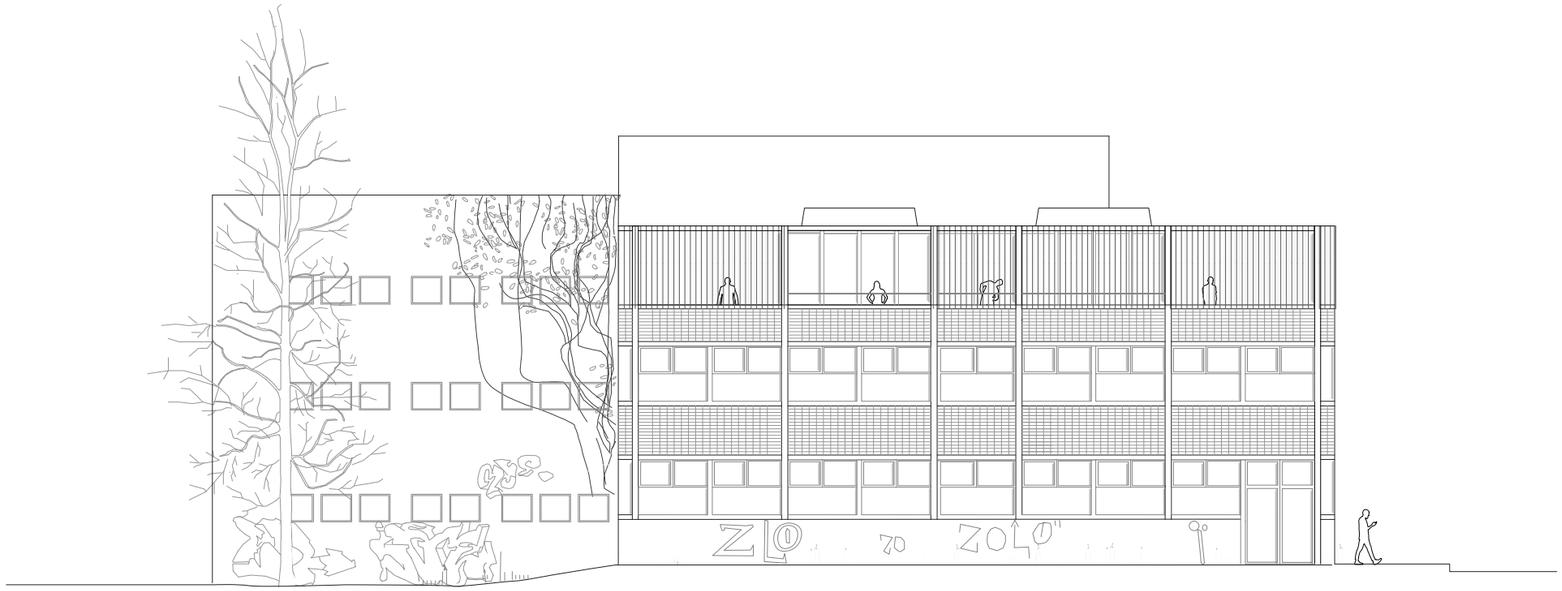
1. Project hall
2. Main entrance
3. Passage
4. Main workshop
5. Entrance to cafe
6. Multi-purpose eating area
7. Green house
8. Skylight
9. Boxes for growing vegetation

*Western facade 1 : 200*

0 2 5m

Western facade - materiality

0 2 5m

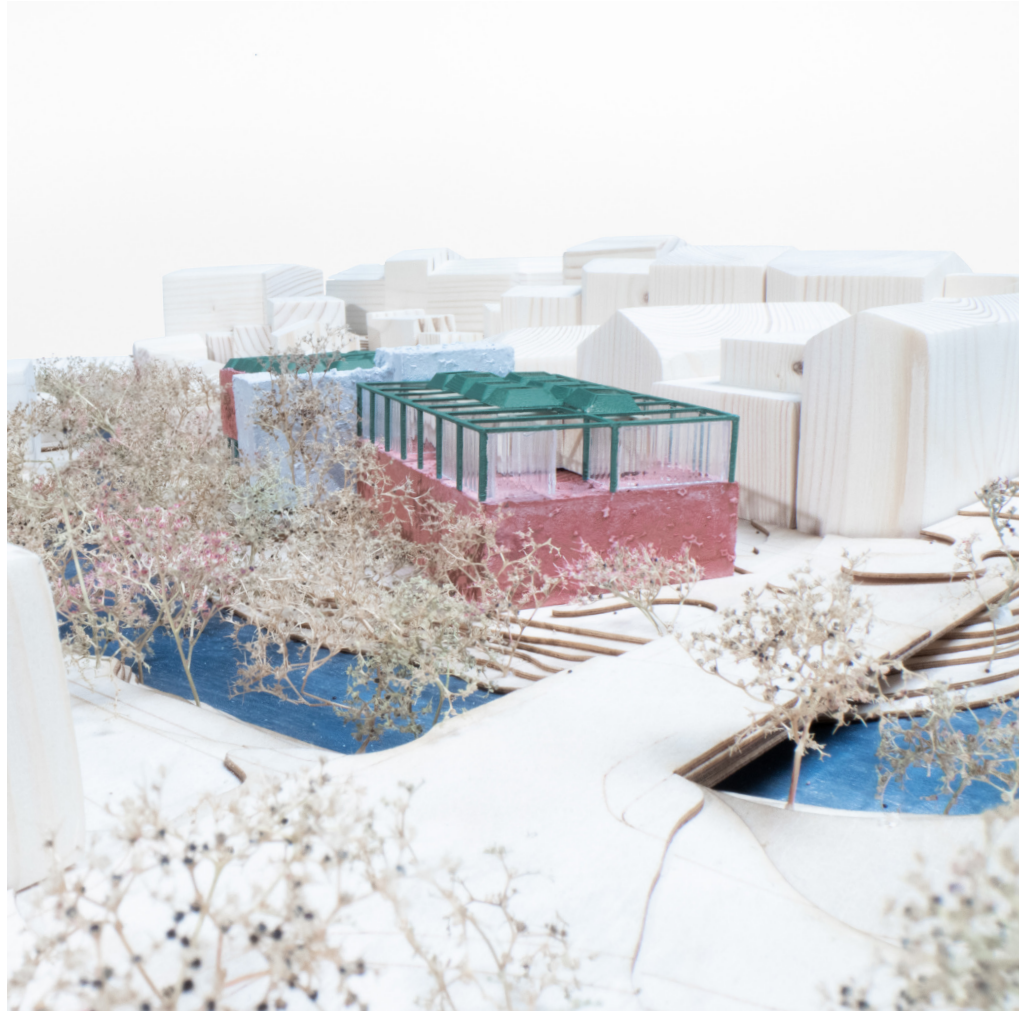



*Northern facade 1 : 200*

0 2 5m

*Northern facade, materiality*

0 2 5m



*View from Grünerhagen - day*

Model 1 : 500

*View from Grünerhagen - night*

Model 1 : 500

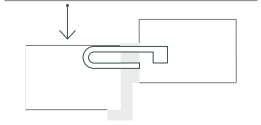
*Main entrance - facade*

Model 1 : 50

*Main entrance - interior*

Model 1 : 50

*Main entrance*

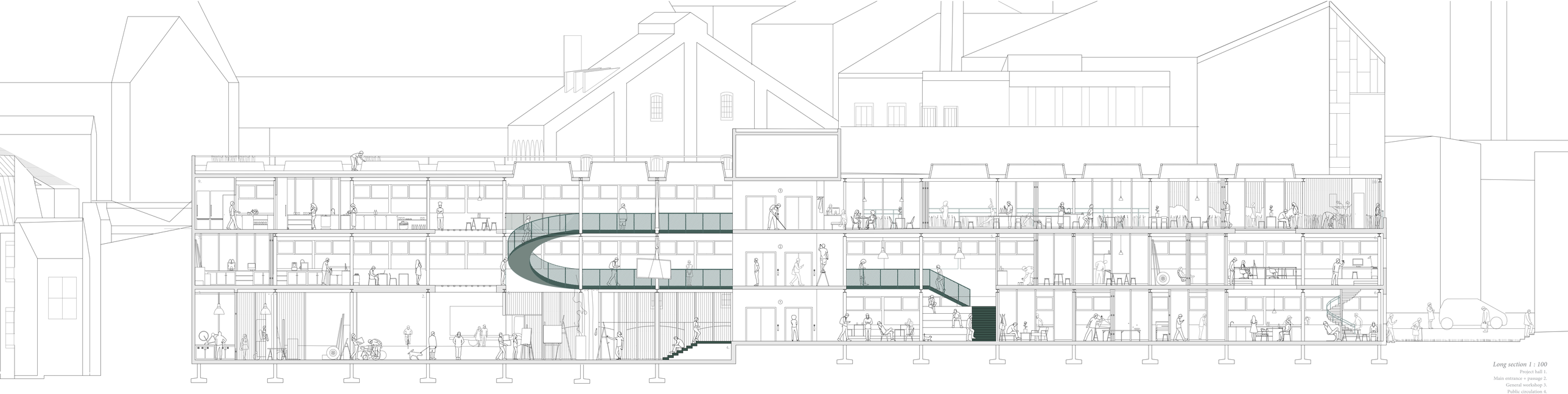


*Ground floor plan 1 : 100*

0 1 2 5

*New public circulation*

Structural model 1 : 200



*Long section 1 : 100*

Project hall 1.
Main entrance + passage 2.
General workshop 3.
Public circulation 4.
Cafe + Circulation area 5.
Production offices 6.
Carpenter workshop 7.
Multi-purpose eating area 8.
Restaurant kitchen 9.
Green house + roof terrace 10.

0 1 2 5 m

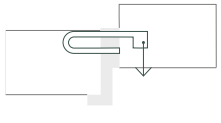
*The project hall*

Model 1 : 50

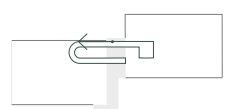
*The project hall*

Model 1 : 50

*View from stairs in cafe*

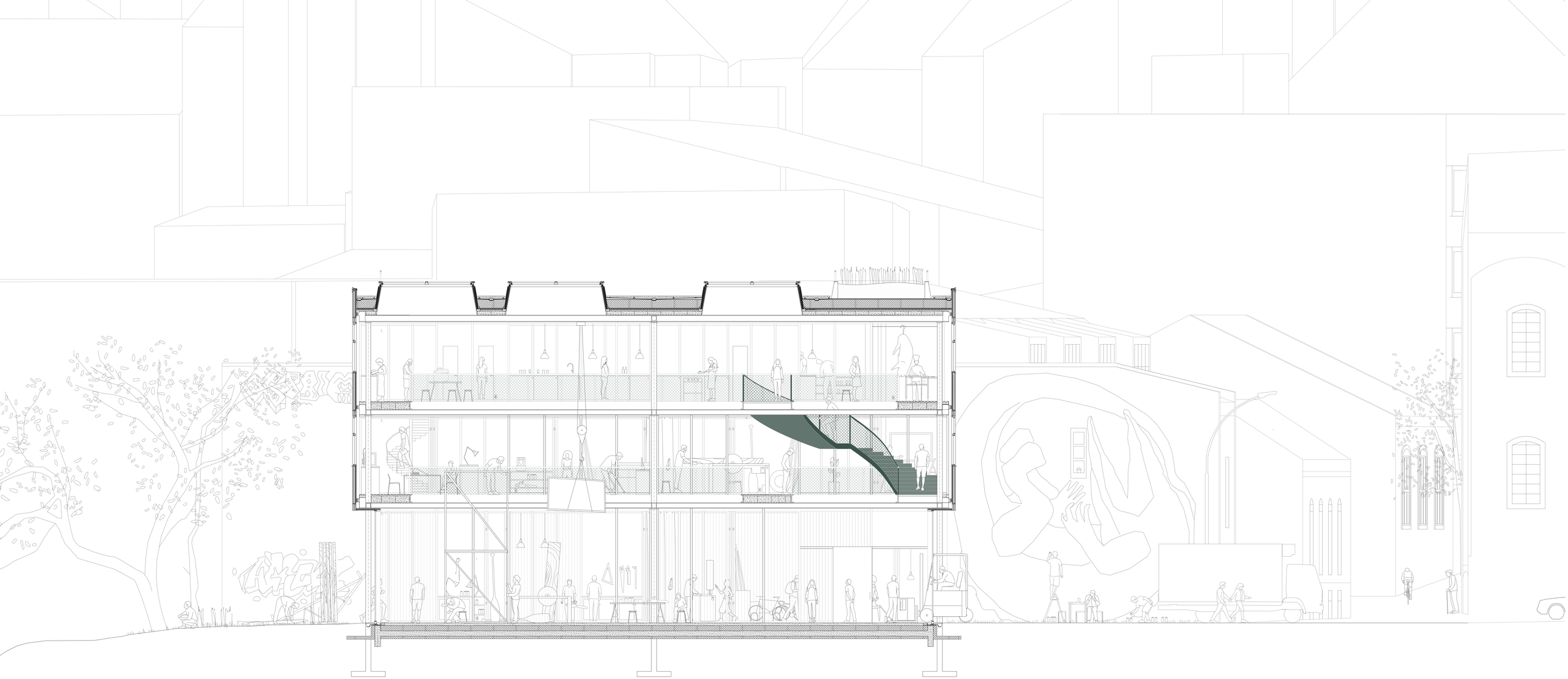


*Looking from the core into the project hall*



*First floor plan 1 : 100*

0 1 2 5m

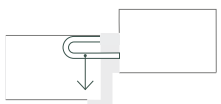


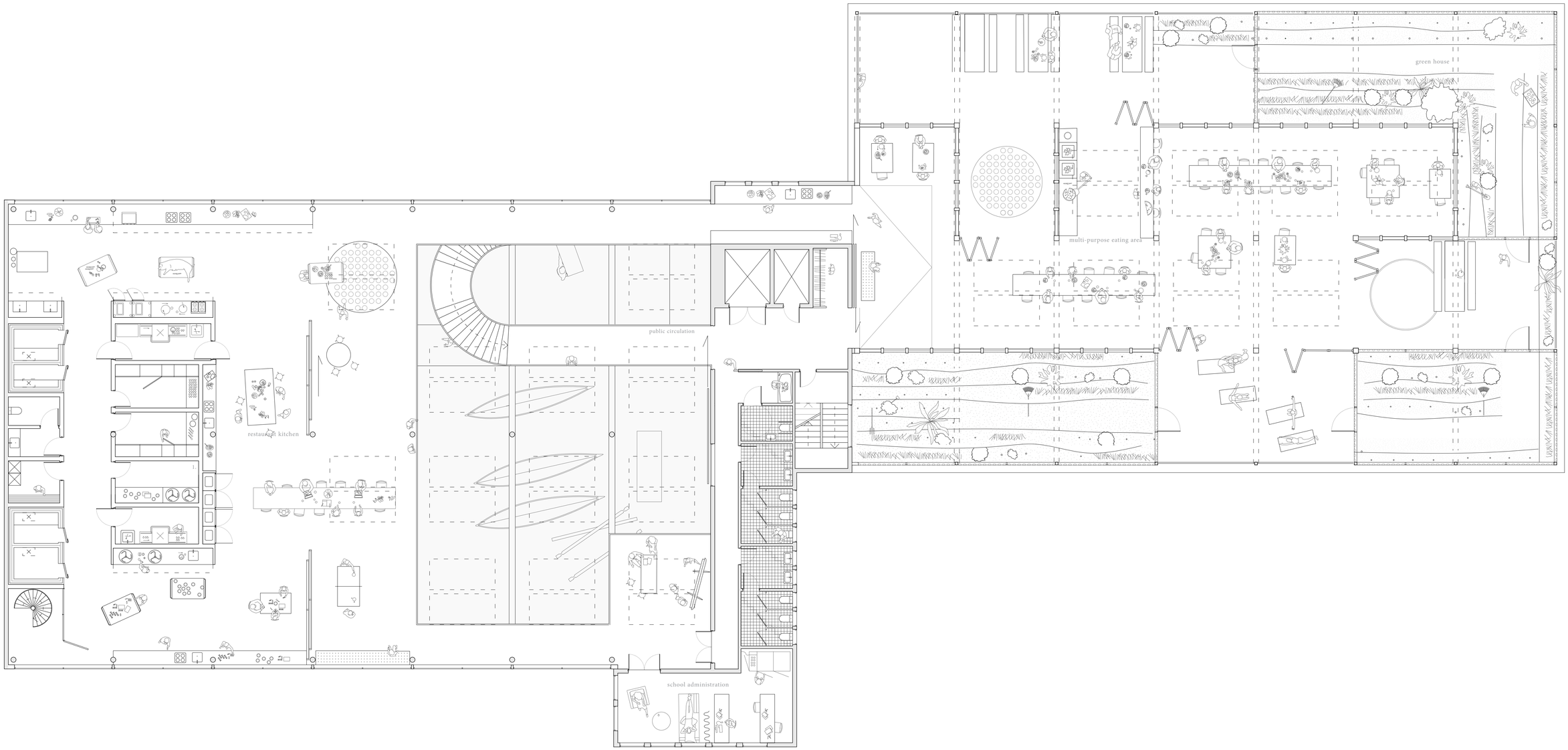
*Cross section 1 : 50*

Project hall 1.
Main entrance + passage 2.
General workshop 3.
Public circulation 4.
Café + circulation area 5.
Production offices 6.
Carpenter workshop 7.
Multi-purpose eating area 8.
Restaurant kitchen 9.
Green house + roof terrace 10.

0 2 m

*Looking down in the project hall*

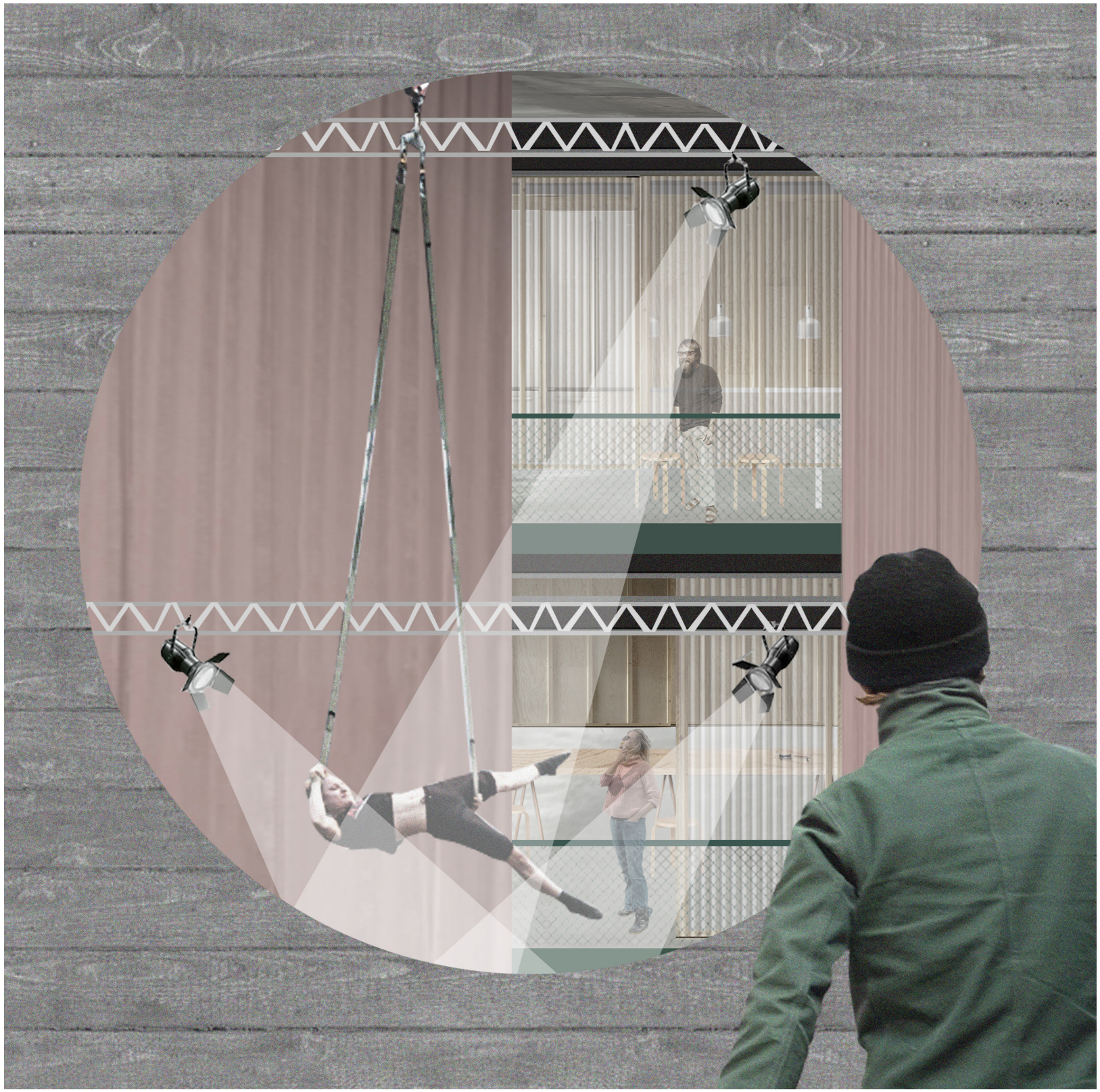




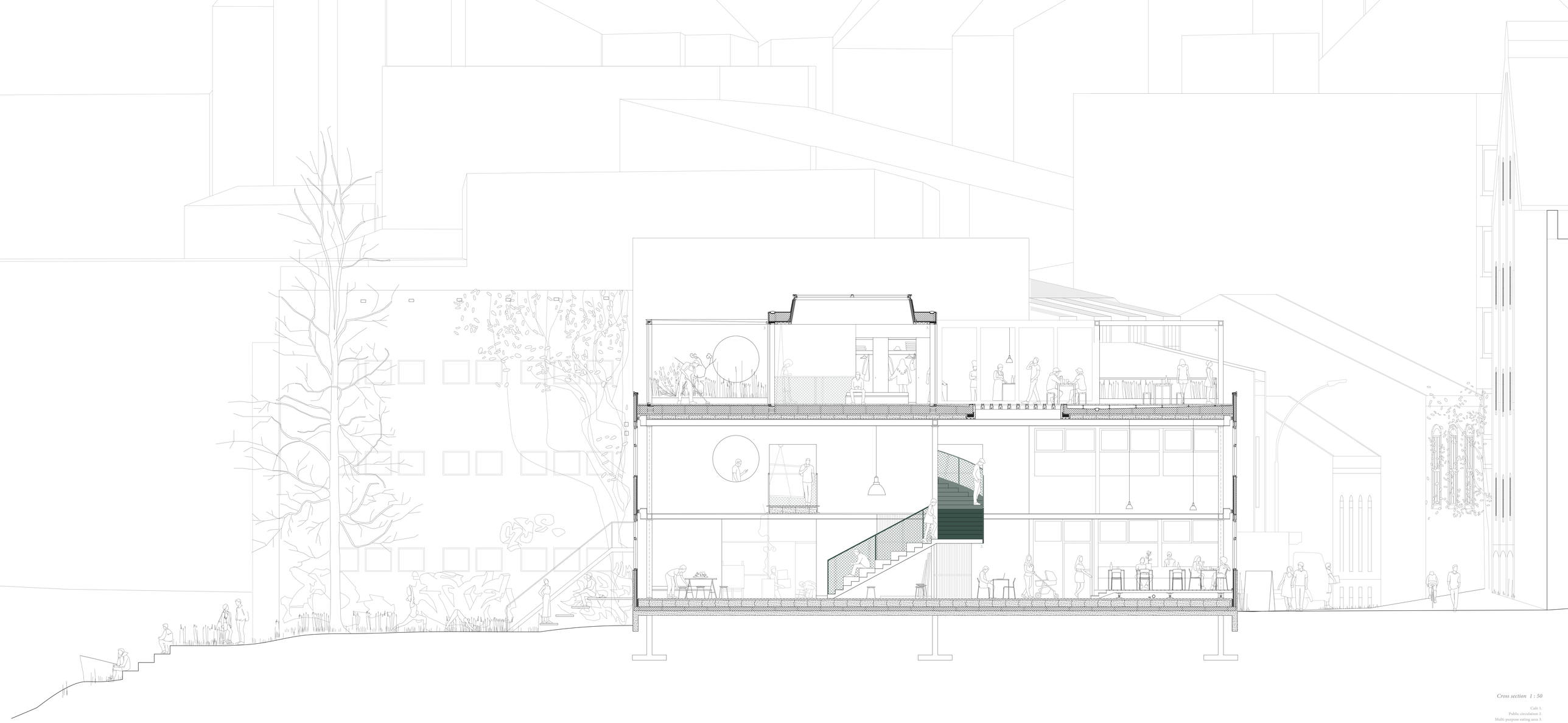

*Second floor plan 1 : 100*

0 1 2 5m

*View into the project hall - day*



*View into the project hall - night*

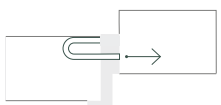
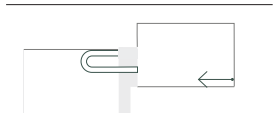


*Cross section 1 : 50*

Cafe 1.
Public circulation 2.
Multi-purpose eating area 3.
Greenhouse 4.
Roof terrace5.
Multi-purpose eating area 6.

0 2 m

*Roof top view to Grünerhagen*



*Roof top greenhouse*