



1. The Fortress Common
2. The Opera Common
3. The Aker river Common
4. The Station Common
5. Kongsbakken
6. The Lo Common
7. Bispekilen
8. Sørenga Harbour Bath

- Harbour promenade
- Connections between the city and the waterfront

**TODAYS SITUATION OF BJØRVIKA**

The relationship between land and water is a central point for planning Bjørvika and special attention is paid to the design of public spaces. An important urban plan for Bjørvika is the seven commons. The task of the commons is to connect the existing Oslo with the new district and the fjord, and break up the planned 2.8km long harbor promenade with public program.

**THE FORTRESS COMMON**

The fortress Commons has a location on the edge of the historic district of Kvadraturen, with Akershus fortress, the harbor warehouse, the ferry terminal and Grev Wedel's square as the nearest neighbours.

Today the situation is characterized by heavy traffic. Cars are coming up from the Opera tunnel, entering the tunnel and coming out from the ferry terminal. At the end of the common near the waterfront is the Nomadic Art project called Salt located. Salt is a natural stop along the harbor promenade with a variety of cultural offerings like public saunas, exhibitions, concerts and conferences. Due to today's heavy traffic and the ferry terminal, the harbour promenade stops at Salt and does not have a further natural connection to Akershus Fortress or Kvadraturen.



1. Fortress Common
2. Operaalley
3. Aker river Common
4. Station Common
5. Kongsbakken
6. Lo Alley
7. Bispekilen
8. Sørenga Harbour Bath

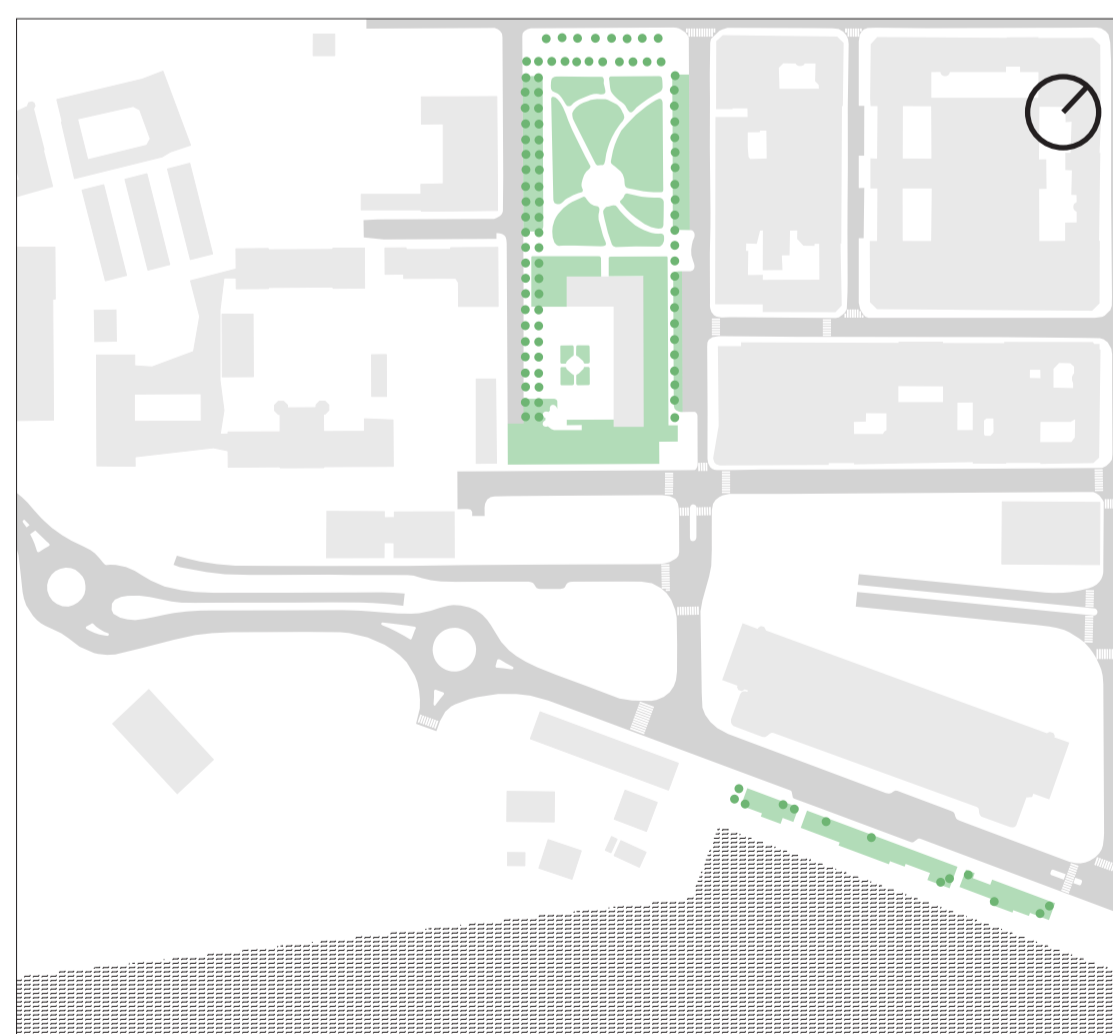
- Harbour promenade
- Connections between the city and the waterfront

**CONNECTING THE THE INNER CITY TO THE HARBOUR**

The road situation is changed, so the road coming up from the Opera tunnel is turning towards Akershusstranda. This makes the Fortress Common, a long continuous strip down to the waterfront. Freeing the plot for car traffic makes it easier for pedestrians walking down from the inner city to the harbour. The building is placed on the back of The Fortress Common, closing the last open space in a row of buildings towards the street. The car ports and the emergency space for the fire trucks is facing towards the harbour front. Beyond the space serving the fire trucks is a park going the whole way down to Salt and the harbour promenade. The park is a buffer zone between Salt and the Fire emergency. It functions as an extension of Grev Wedel's square, establishing a promenade down to the waterfront.

The rows of trees along Grev Wedel's square continues further down to the waterfront, indicating a connection between the inner city and the waterfront. The park in front of the station and the space for the fire trucks is covered with cobbled stone. The grid of the car ports is visible in the stone.

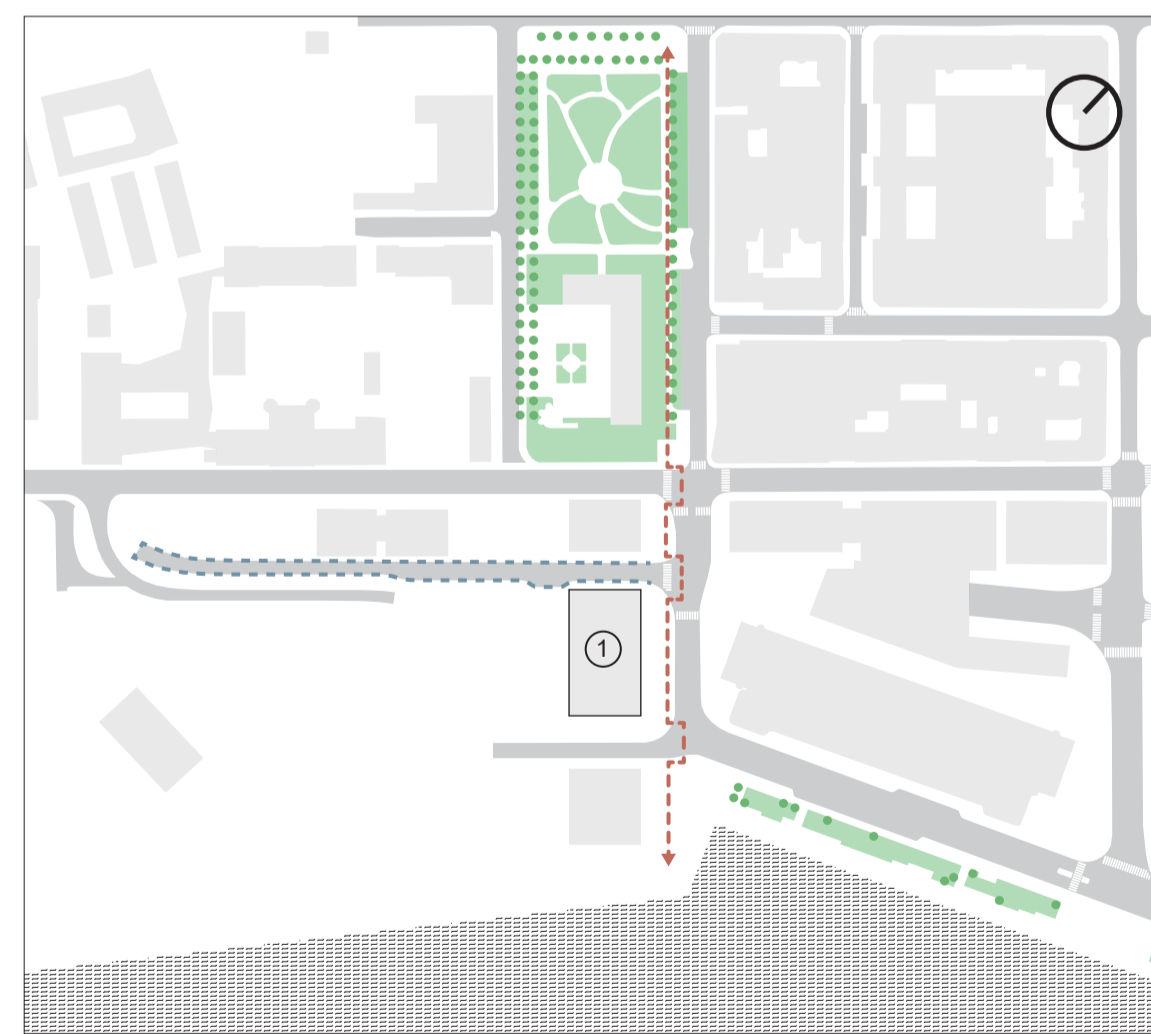
Rows of trees with car protectors frames the emergency space for the fire vehicles, from the park area. The trucks stand exposed in front of the fire station showing its presence to the public in the park. The harbor promenade is continuing in a path going straight through the park. The path makes a natural continuation of the promenade.



**EXISTING SITUATION**

Today The Fortress common is characterized by car traffic.

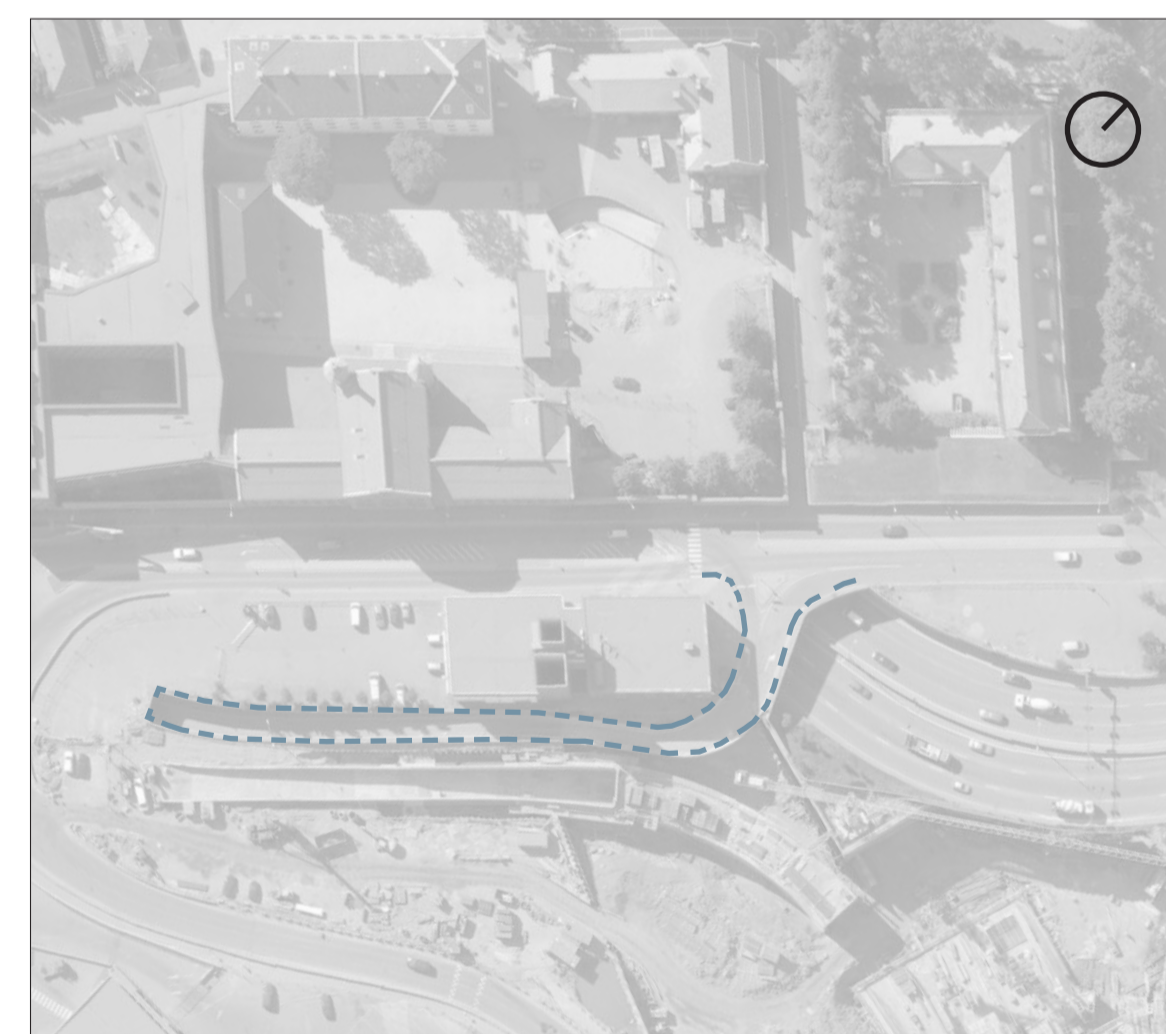
- Park space
- Tree rows



**REGULATED SITUATION**

The area is regulated for 3 buildings. The new Central Fire station in Bjørvika is planned built on the plot in the middle.

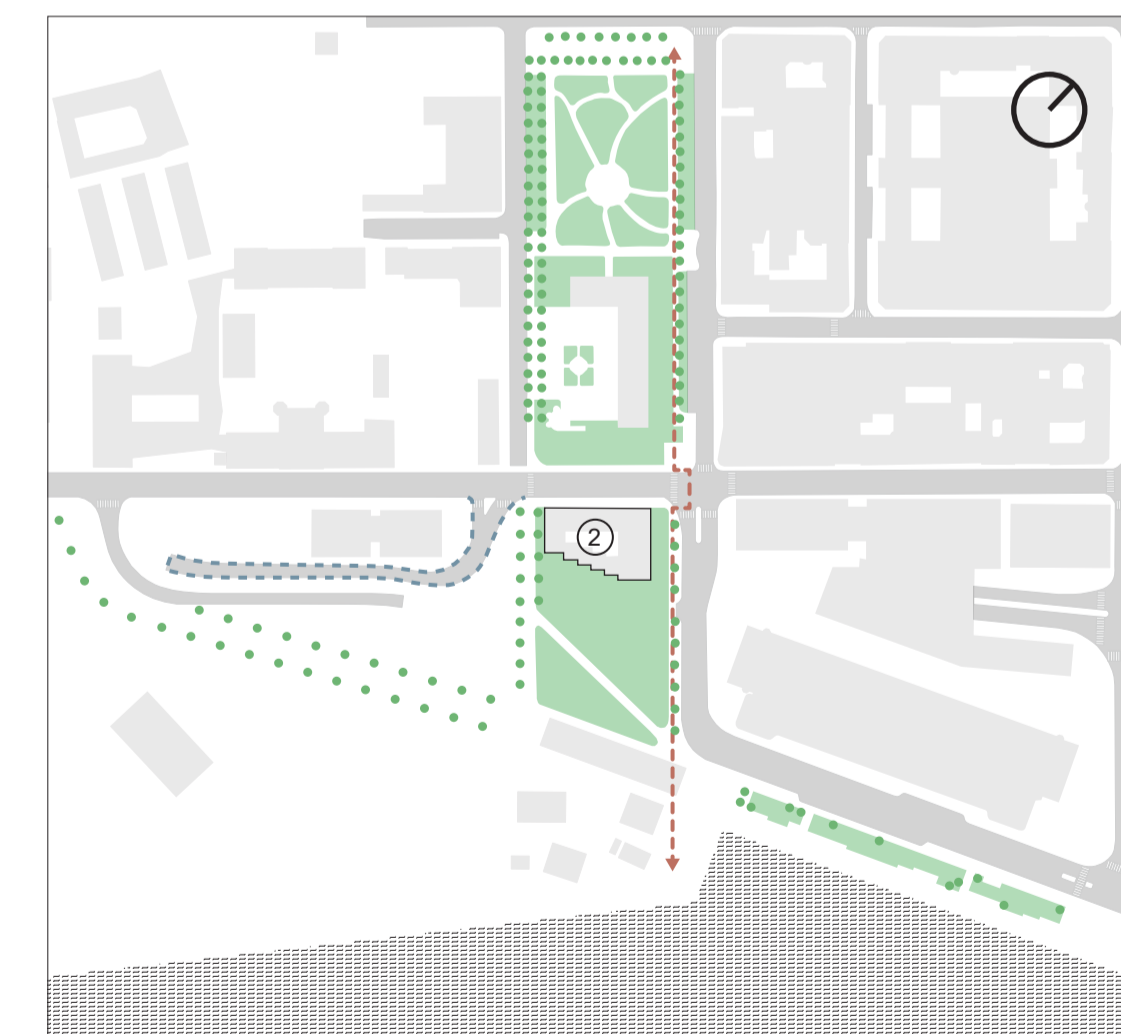
- - - Pedestrians
- - - Driveway from the Operatunnel
- Park space
- Tree rows
- ① Regulated for new fire station



**TRAFFIC SITUATION 2007**

In 2007 the road was coming up from the tunnel turning towards Akershusstranda.

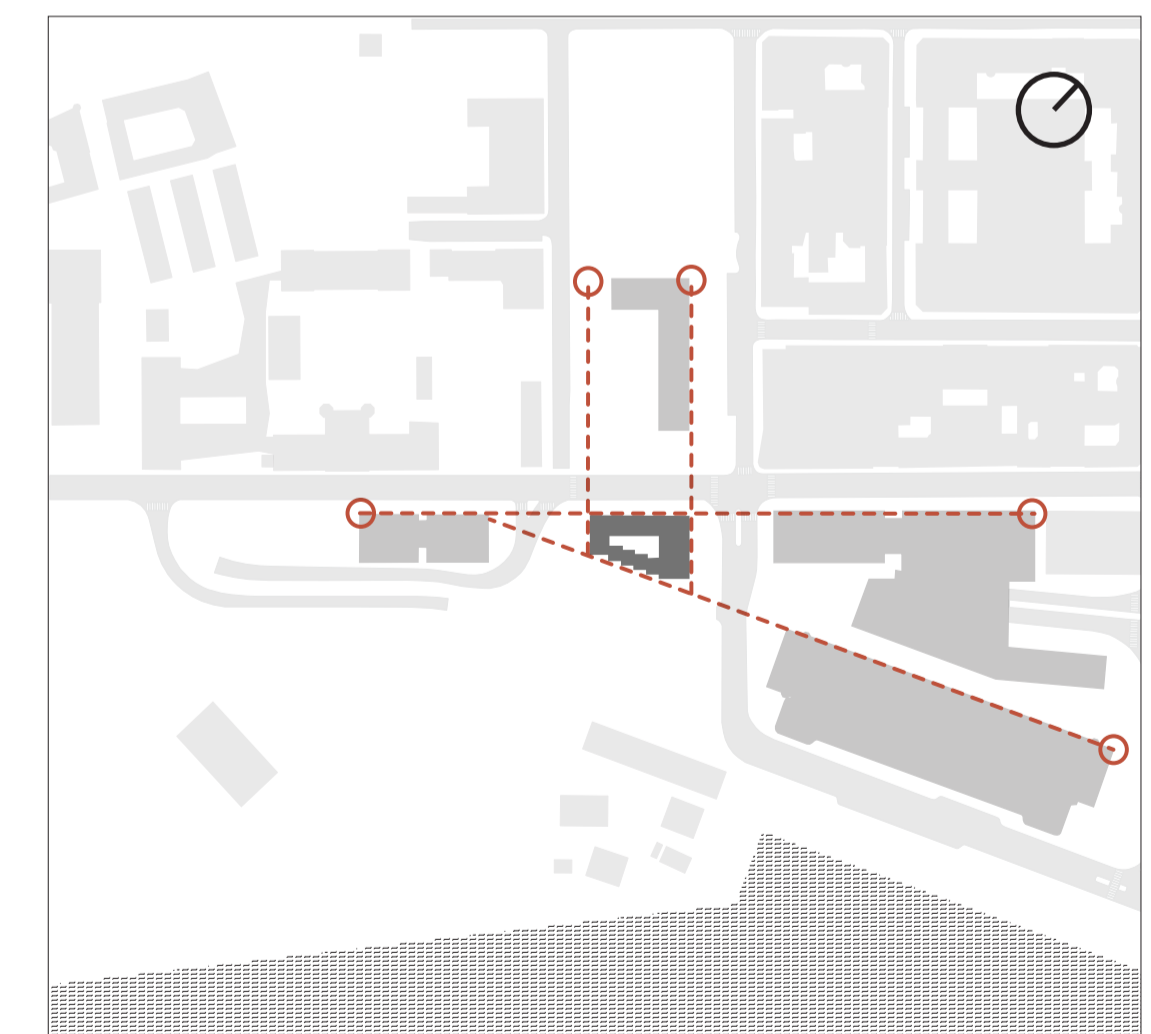
- - - Road coming up from the tunnel



**ALTERNATIVE SOLUTION**

Turning the road towards Akershusstranda frees the plot for car traffic and makes it easier for pedestrians to walk down to the harbour. A park in front of the fire station makes an extension of Grev Wedel's square down to the waterfront. The Harbour promenade continues through the park in front.

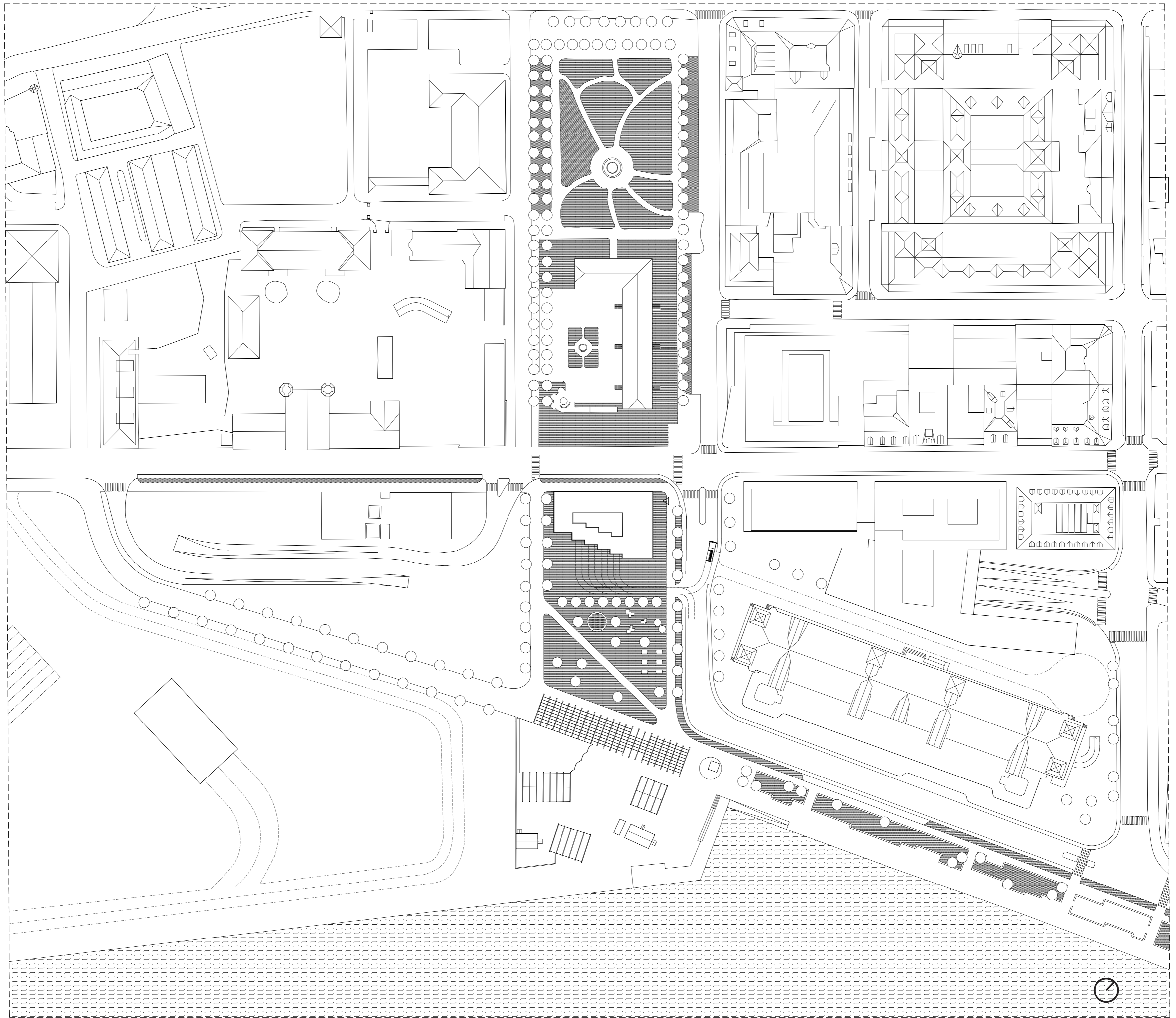
- - - Pedestrians
- Park space
- Tree rows
- ② Alternative plot for fire station



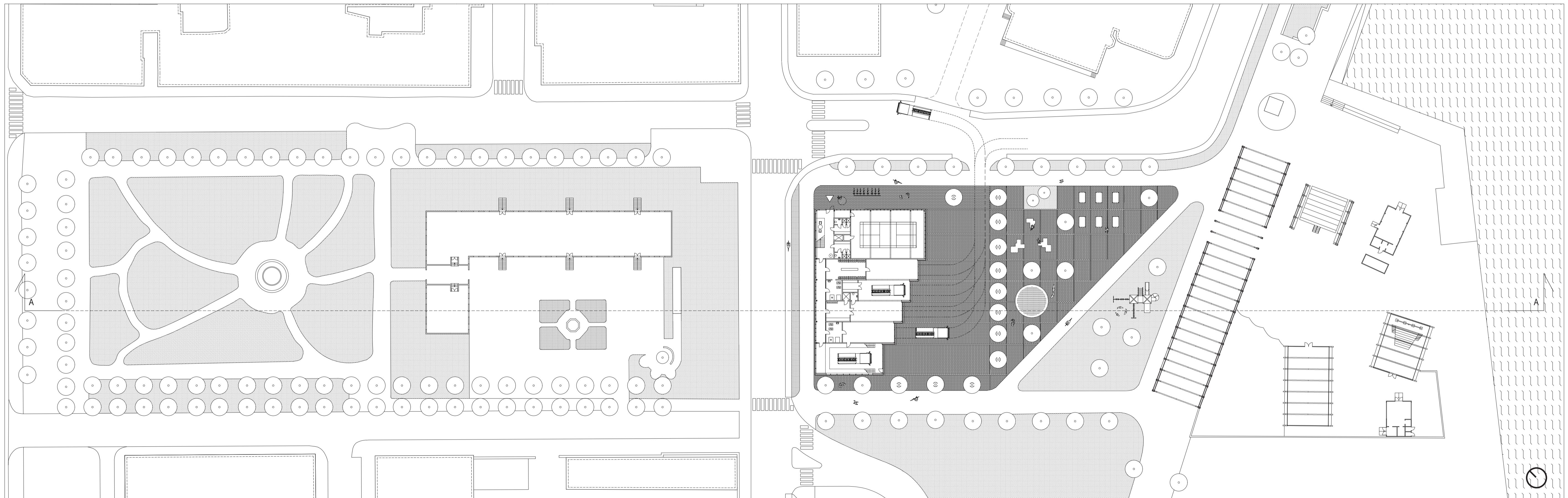
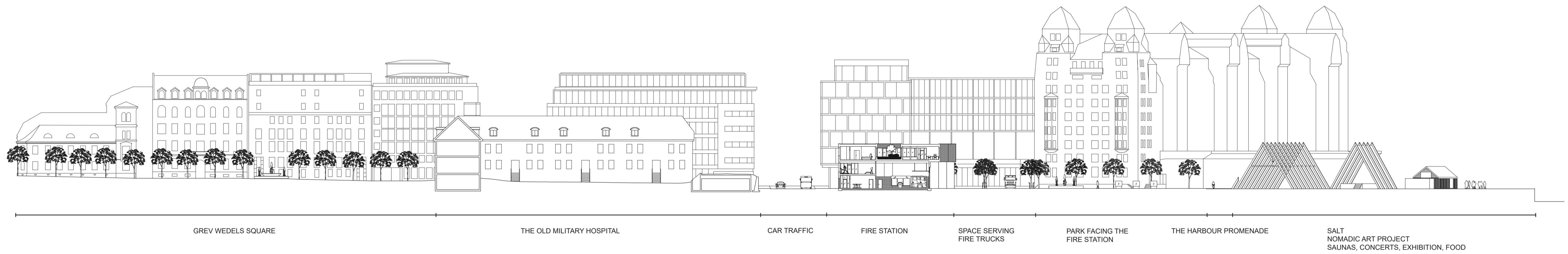
**SHAPE OF THE BUILDING VOLUME**

The Fire Station is placed on the back of the Fortress common, closing the last open space in a row of buildings towards the street. The building shape is determined by lines of the surrounding buildings and a grid based on the width of the fire trucks.

- - - Lines taken up from surrounding buildings



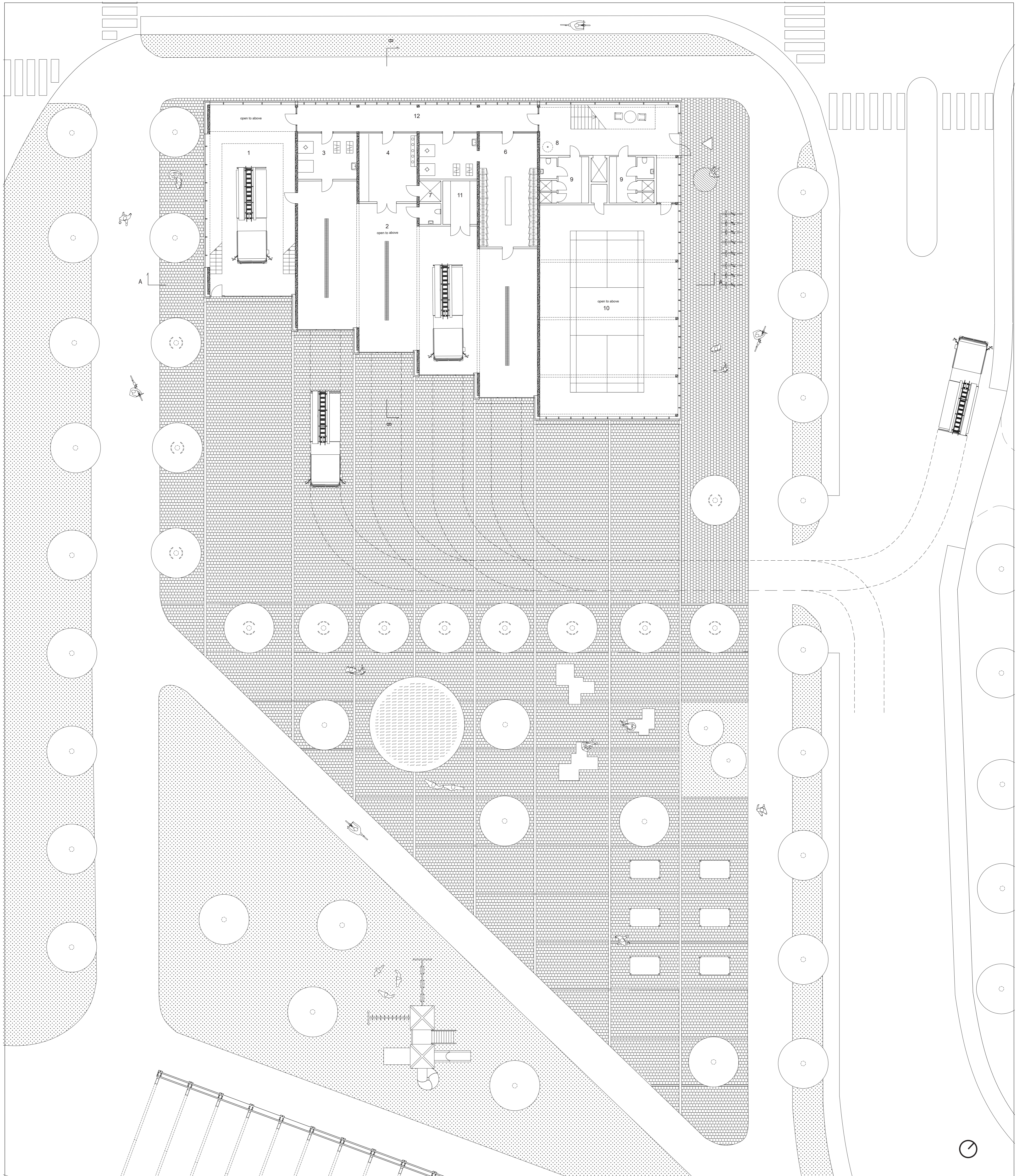
SITUATION PLAN 1:1000



SITUATION PLAN & SECTION 1:500



THE COBBLED SQUARE INFRONT OF THE FIRESTATION.  
THE CHILDREN GETS THE OPPURTUNITY TO MEET THE FIREMAN.

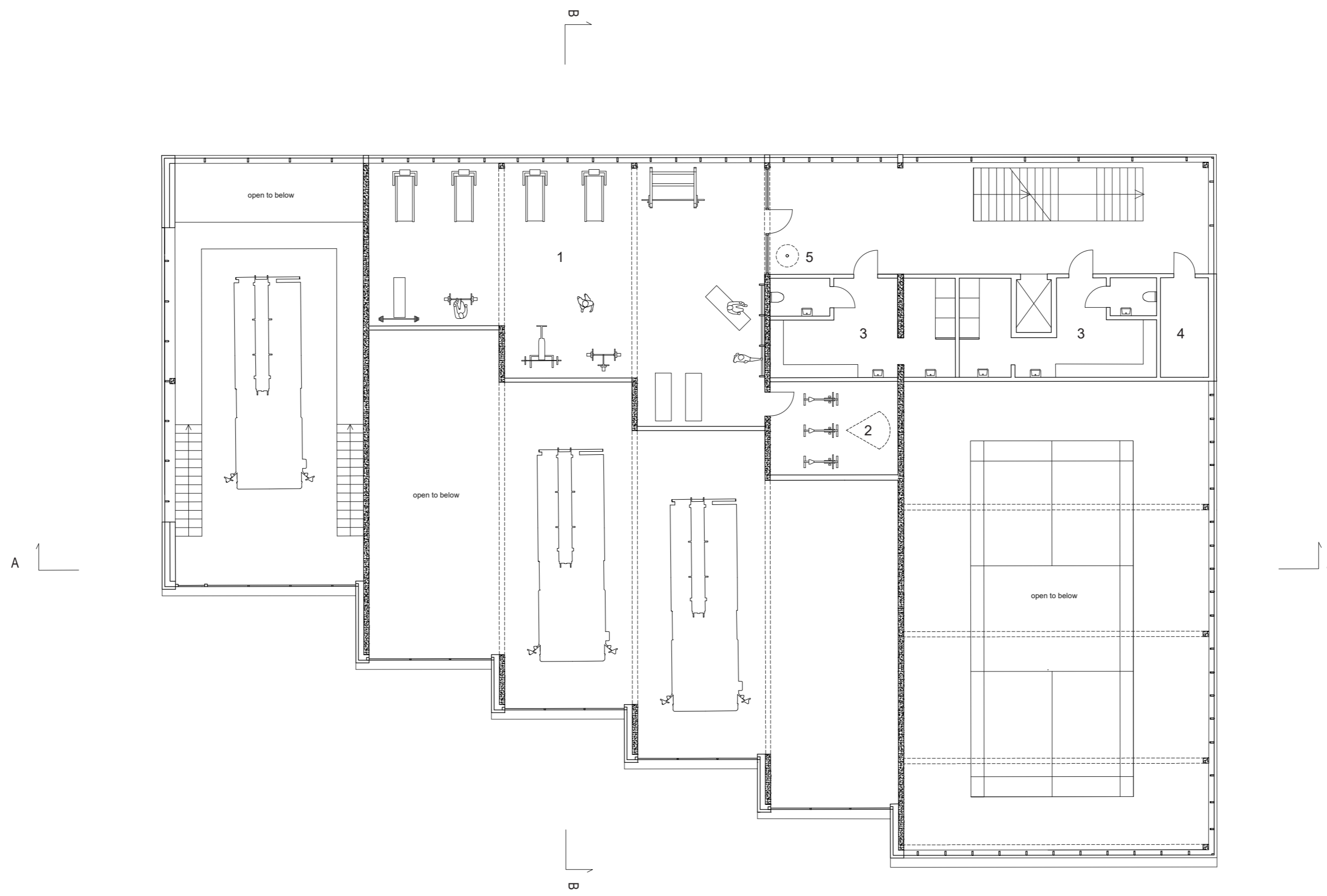


1. FLOOR PLAN 1:150

- |                            |   |                                  |   |                            |  |                          |
|----------------------------|---|----------------------------------|---|----------------------------|--|--------------------------|
| 1. LAUNDRY HALL FIRE TRUCK | 2. GARAGE                               | 3. LAUNDRY ROOM, TOXIC EQUIPMENT | 4. WORKSHOP                             | 5. LAUNDRY ROOM CLEAN ZONE | 6. EMERGENCY LOCKER ROOM                 | 6. EMERGENCY LOCKER ROOM |
| 7. FIRE POLE               | 8. SHOWER FOR EQUIP MET AFTER EMERGENCY | 9. LOCKER ROOM FOR PUBLIC USE    | 10. SPORTSHALL FOR FIREMEN & PUBLIC USE | 11. FIRE HOSE STORAGE      | 12. PRACTICAL CORRIDOR, BUFFER TO STREET |                          |

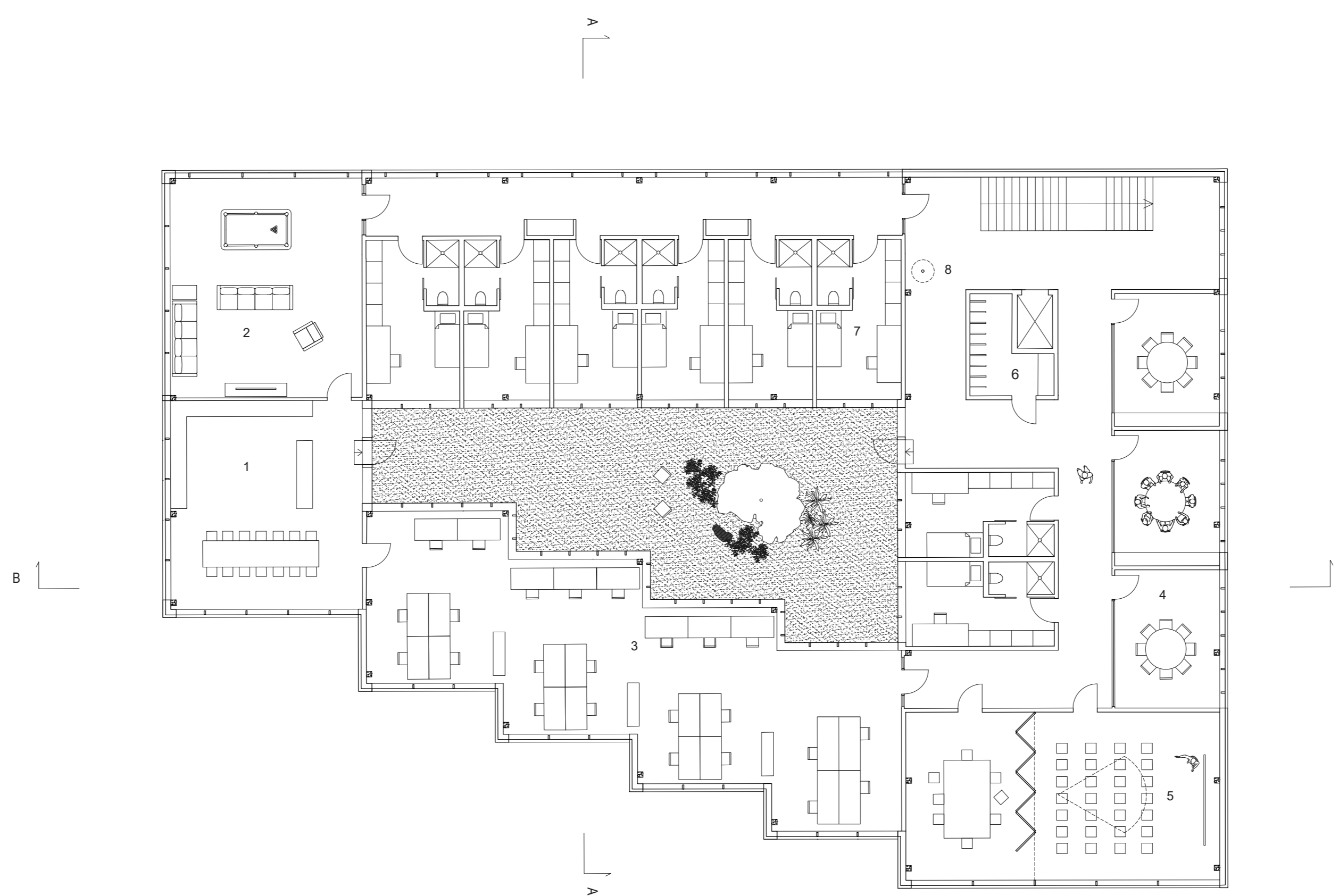


FIREFIGHTERS IN THE APPARATUS BAY



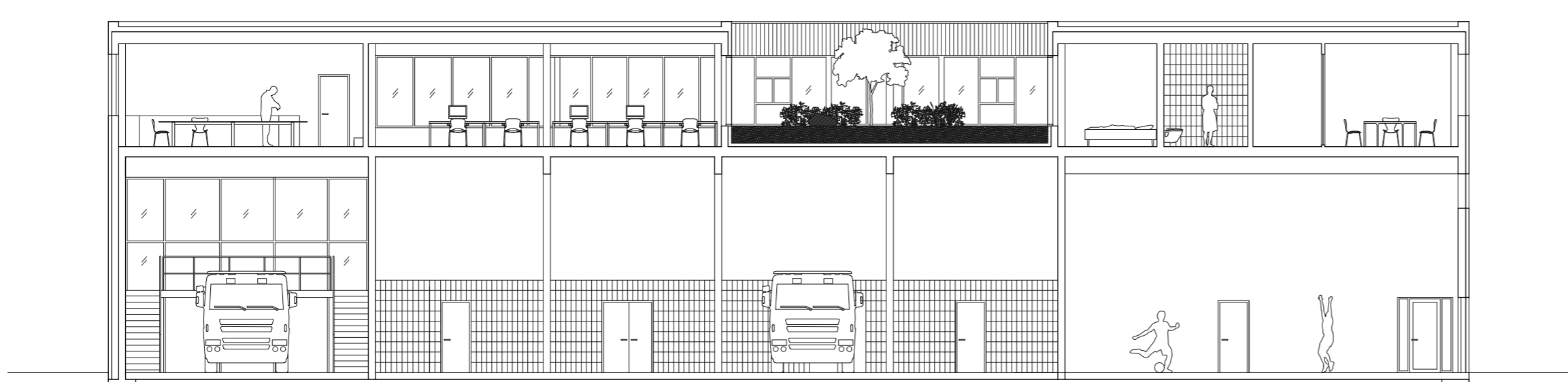
2. FLOOR PLAN 1:150

- 1. WEIGHT ROOM
- 2. SPINNING ROOM
- 3. LOCKER ROOM FOR FIREMEN
- 4. CLEANING STAFF
- 5. FIRE POLE

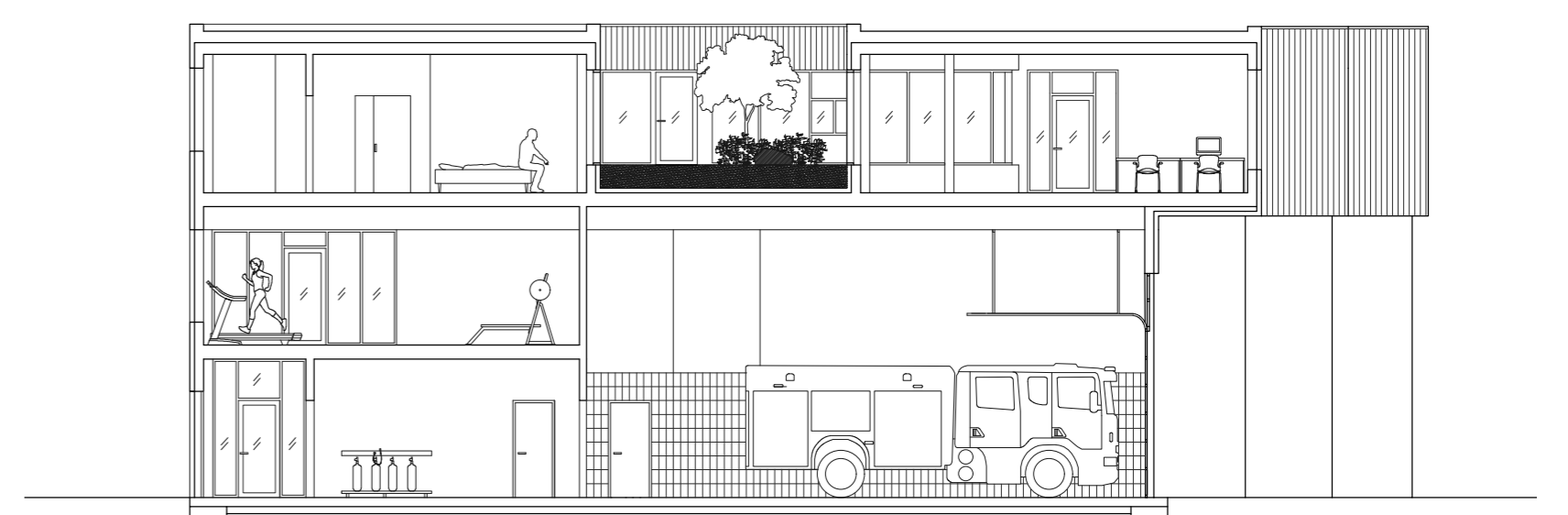


3. FLOOR PLAN 1:150

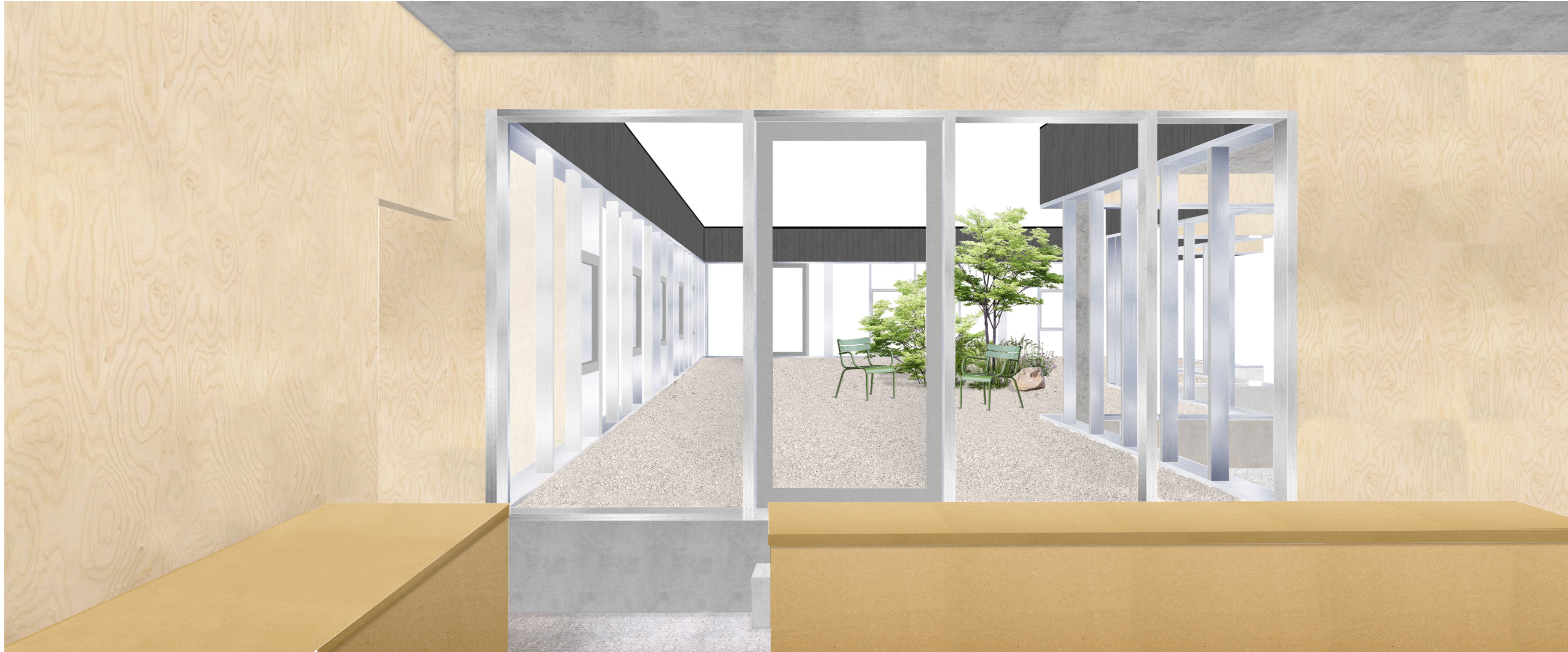
- 1. KITHEN AND DINING ROOM
- 2. LIVING ROOM
- 3. OFFICE SPACE
- 4. MEETING ROOM
- 5. LECTURE
- 6. LINEN STORAGE
- 7. BEDROOM
- 8. FIRE



SECTION BB 1:150



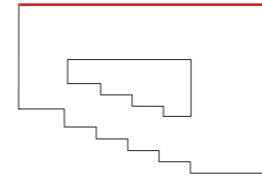
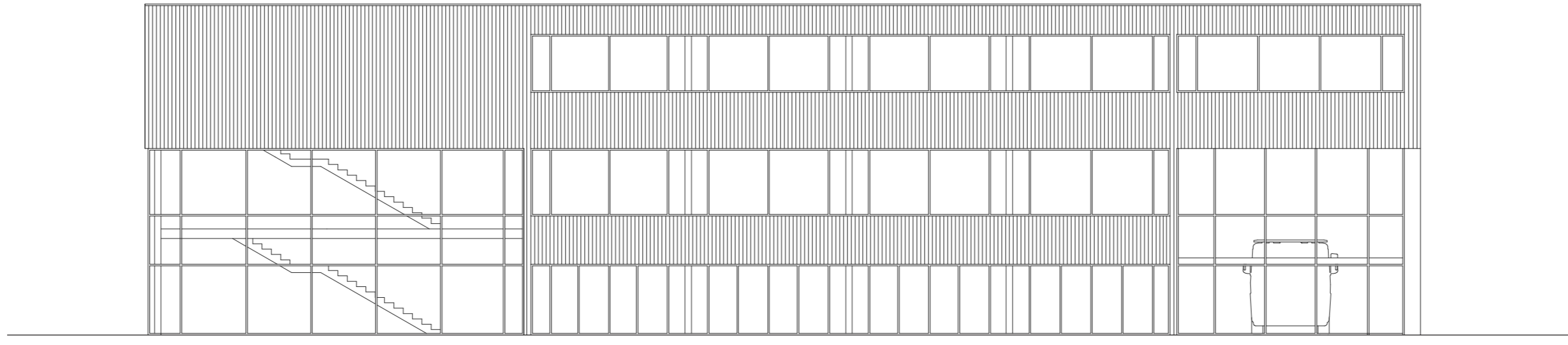
SECTION AA 1:150



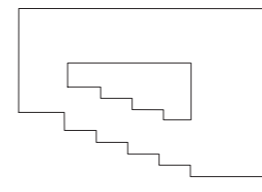
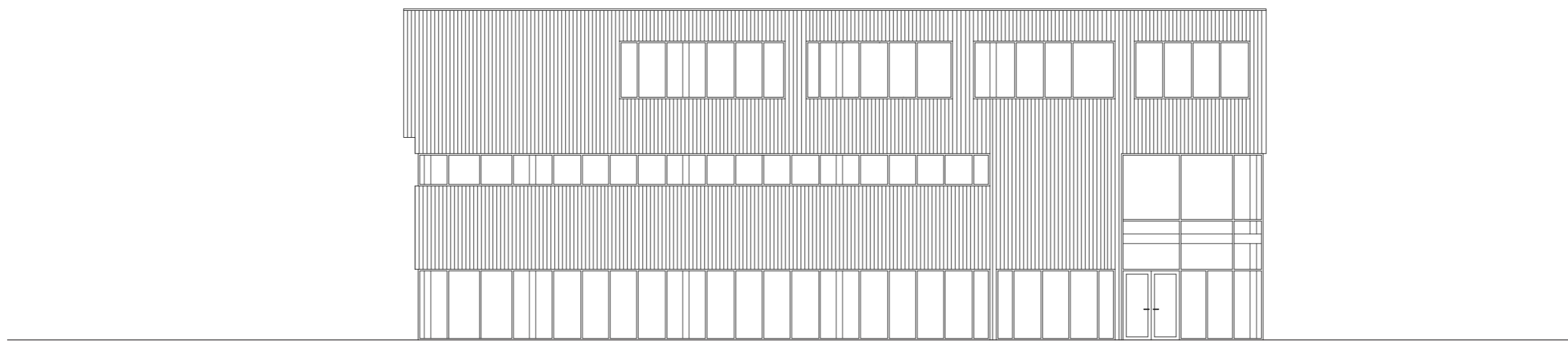
THE INNER COURTYARD FROM THE KITCHEN

EACH BEDROOM ON THE TOPFLOOR IS FACING A QUIET INNER COURTYARD, WHILE THE OFFICE SPACE AND THE LIVING ROOM IS EXPOSED THROUGH THE FACADE.

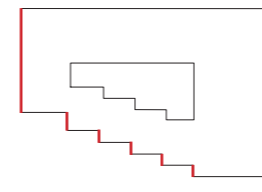
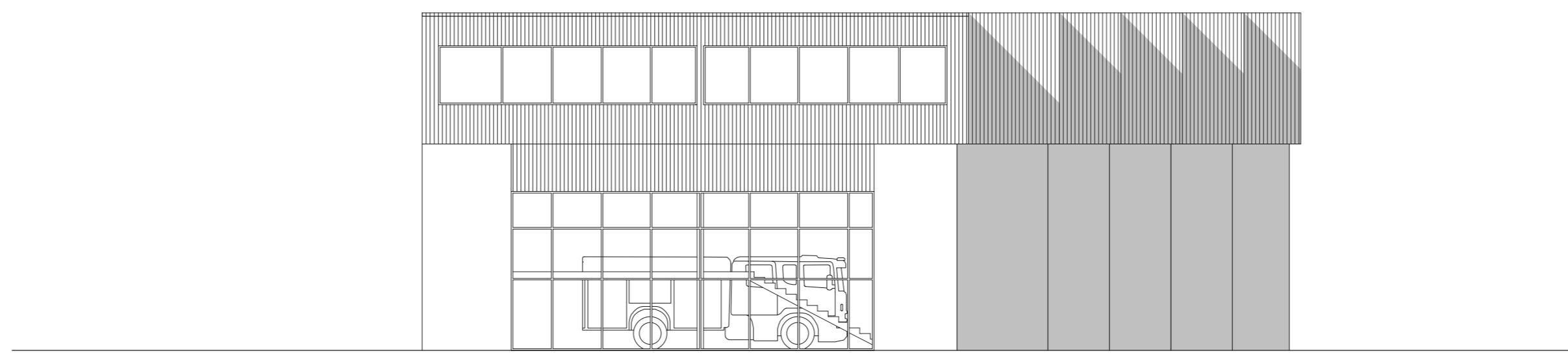




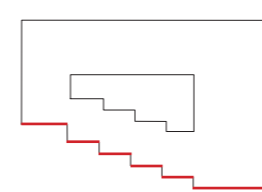
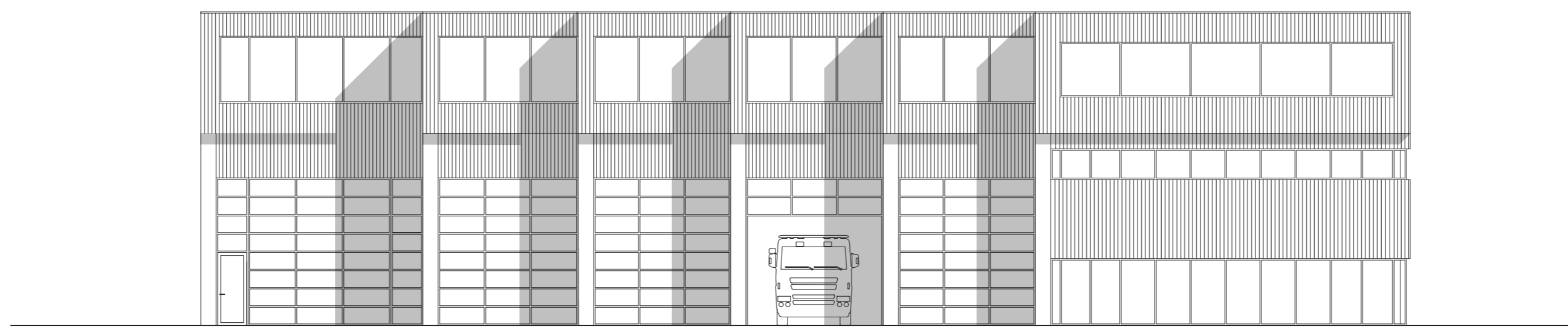
NORTH-WEST FACADE 1:150



NORTH-EAST FACADE 1:150



SOUTH-WEST FACADE 1:150



SOUTH-EAST FACADE 1:150