

DEMENTIA VILLAGE ÖNNERED

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AUT 164 Residential healthcare

DISTRICT

Önnered is a district in the western part of Gothenburg, close to Frölunda and Tynnered. The population in the area is 3800 inhabitants and a great majority of them live in low scale buildings. More than 80% of the housing stock consists of small houses. A lot of them were built in the 1960's.

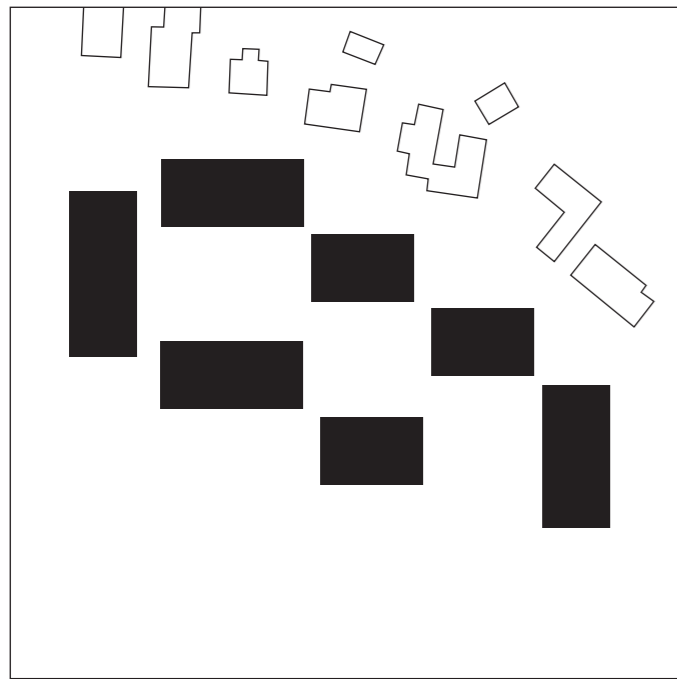
SITE

The project site is situated along Önneredsvägen with Saltskärsgatan and Högslärgatan as borders in the west. The site consists of wild nature: a small meadow and some trees. It is surrounded by villas on one side and a street on the other (Önneredsvägen). The plot size is 11 400 m².

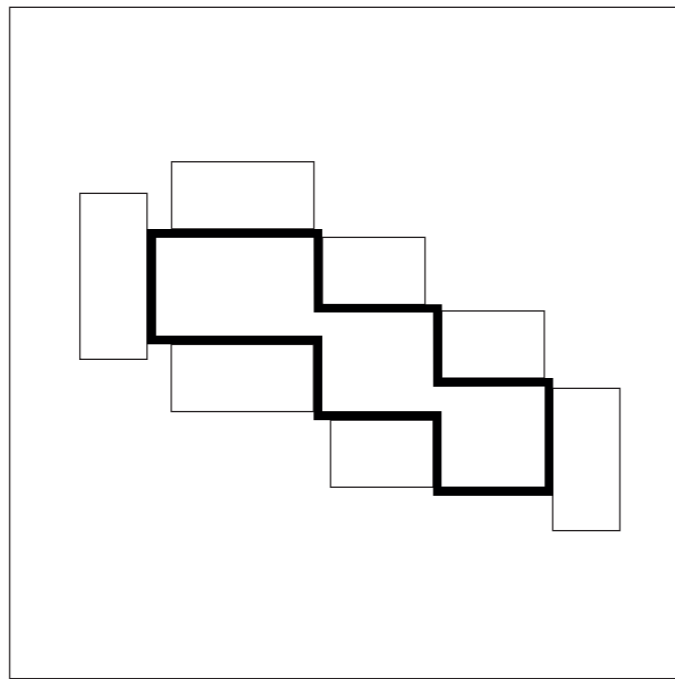
PROPOSAL

A new elderly care home with focus on dementia is being planned in the area. Because of the low scale surroundings, the proposal has a village-like layout: freestanding volumes connected with a glazed pathway. The volumes are similar, but varies both in height and width.

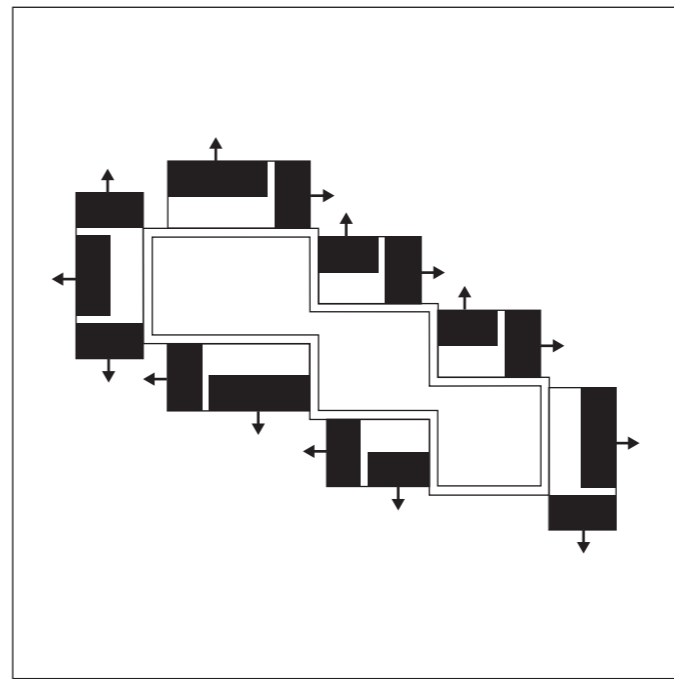




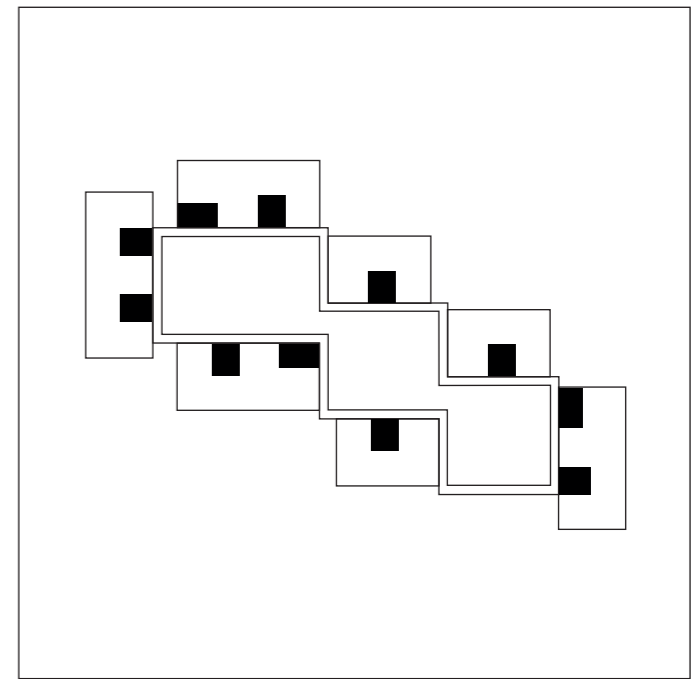
1. The units are broken up to keep down the scale and match the surrounding villas.



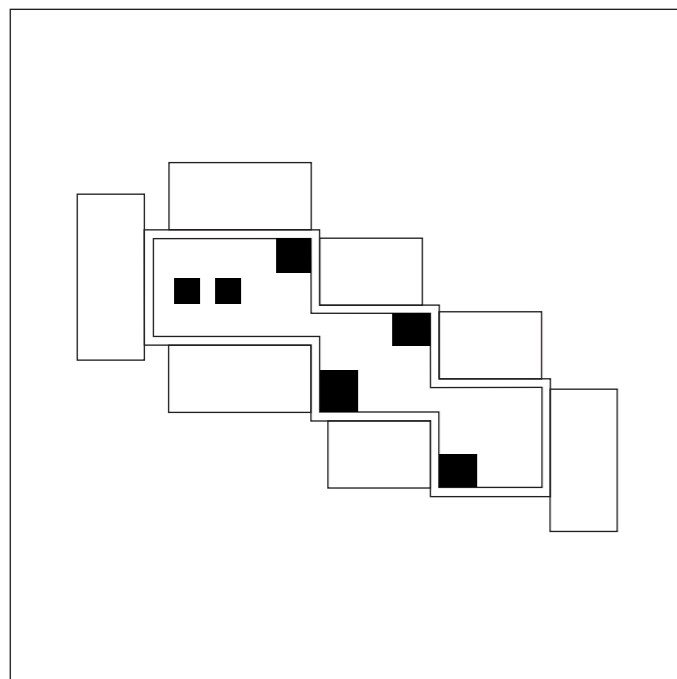
2. A glazed pathway connects all the units.



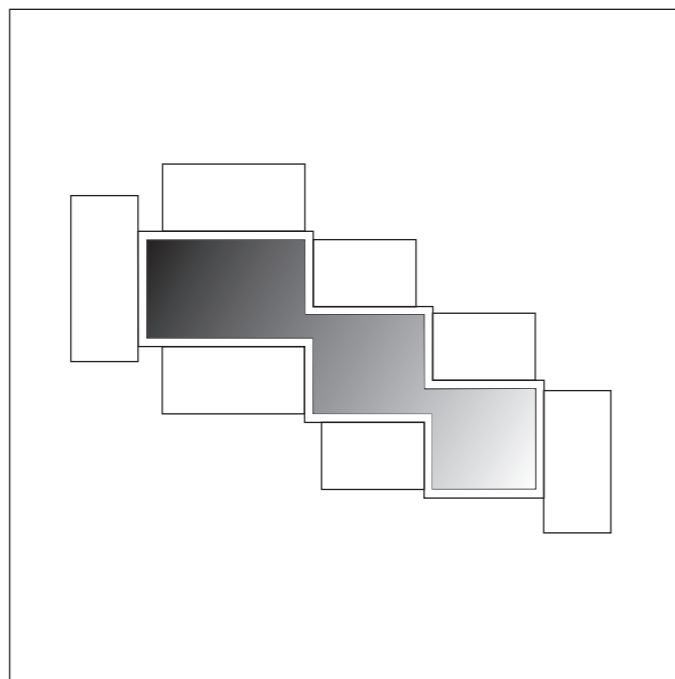
3. All the apartments are facing the outside.



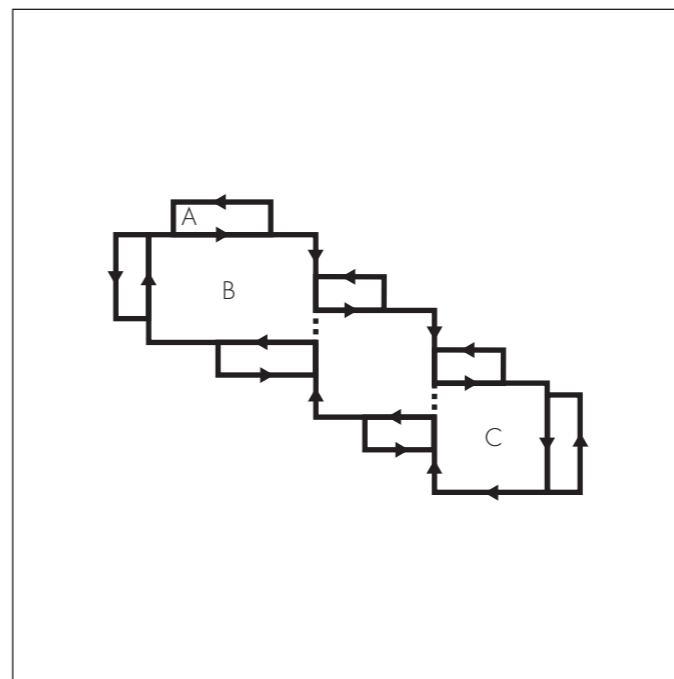
4. Common areas are facing the courtyards.



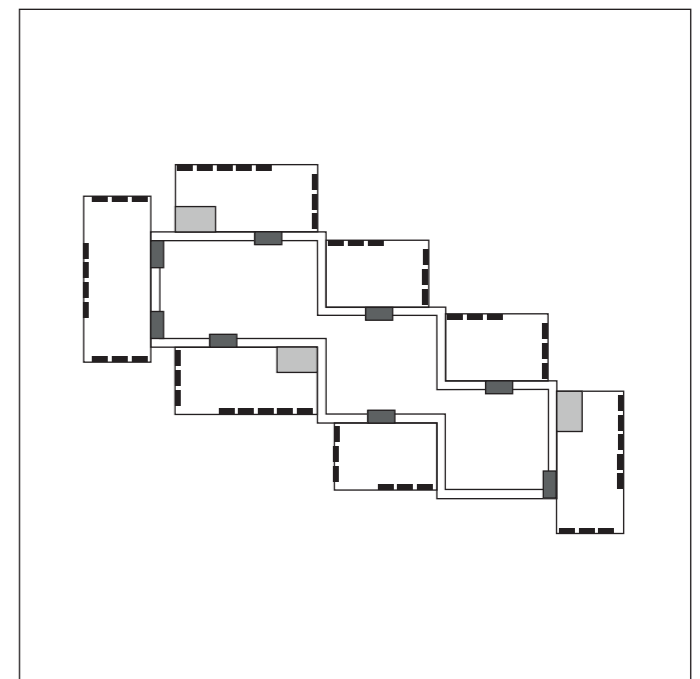
5. Activity areas are located on the courtyards.



6. The courtyards have varied character, working as a gradient from urban to park.



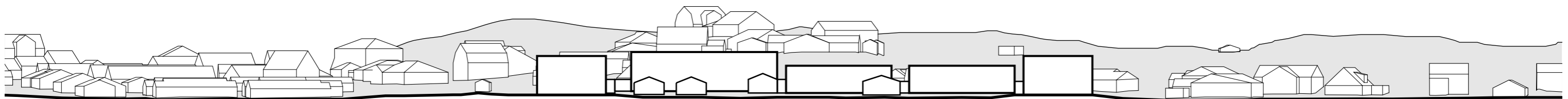
7. The plan layout enables walking loops in different scales:
 A. Unit loop
 B. Courtyard loop
 C. Village loop



8. The residents have several outdoor spaces: private balconies (black), common balconies (dark gray), public winter gardens (light gray) and public courtyards.



MASTERPLAN 1:1000



URBAN SECTION 1:1000



GROUND FLOOR 1:500



THEATRE/
CINEMA







KIOSK

PEDICURE
DENTIST

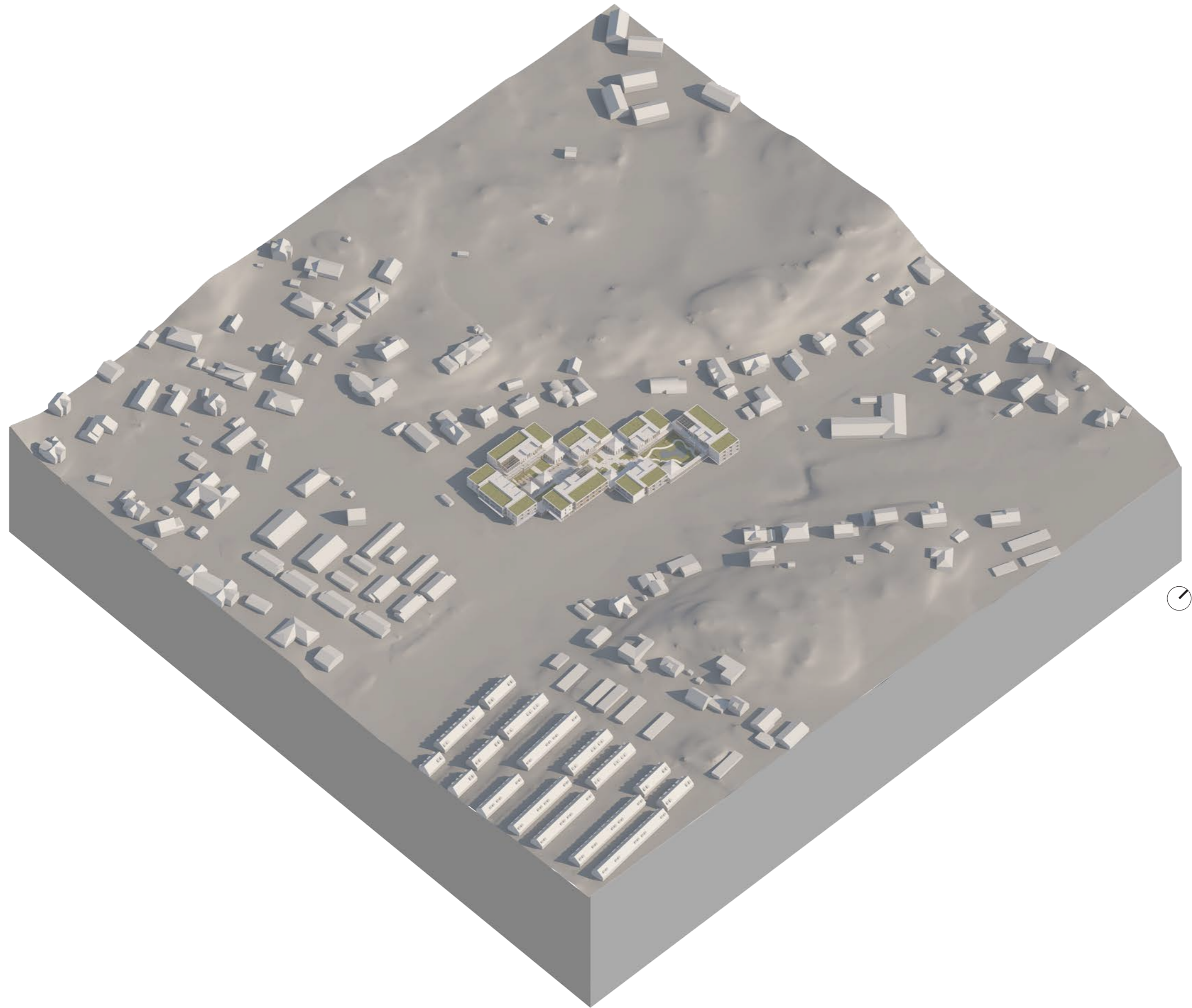
GYM

ART STUDIO

HENNERLY

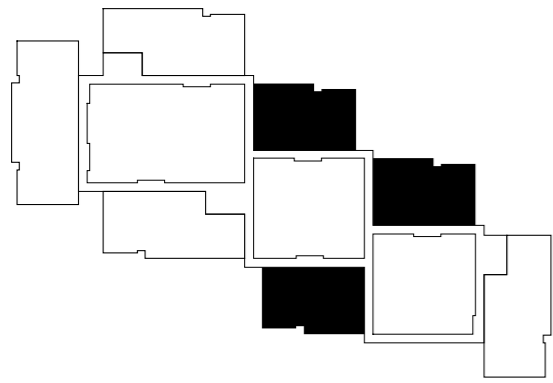
-  TILES
-  GRAVEL
-  PLANTATION
-  PLAZA TILES
-  GRASS
-  BOULE







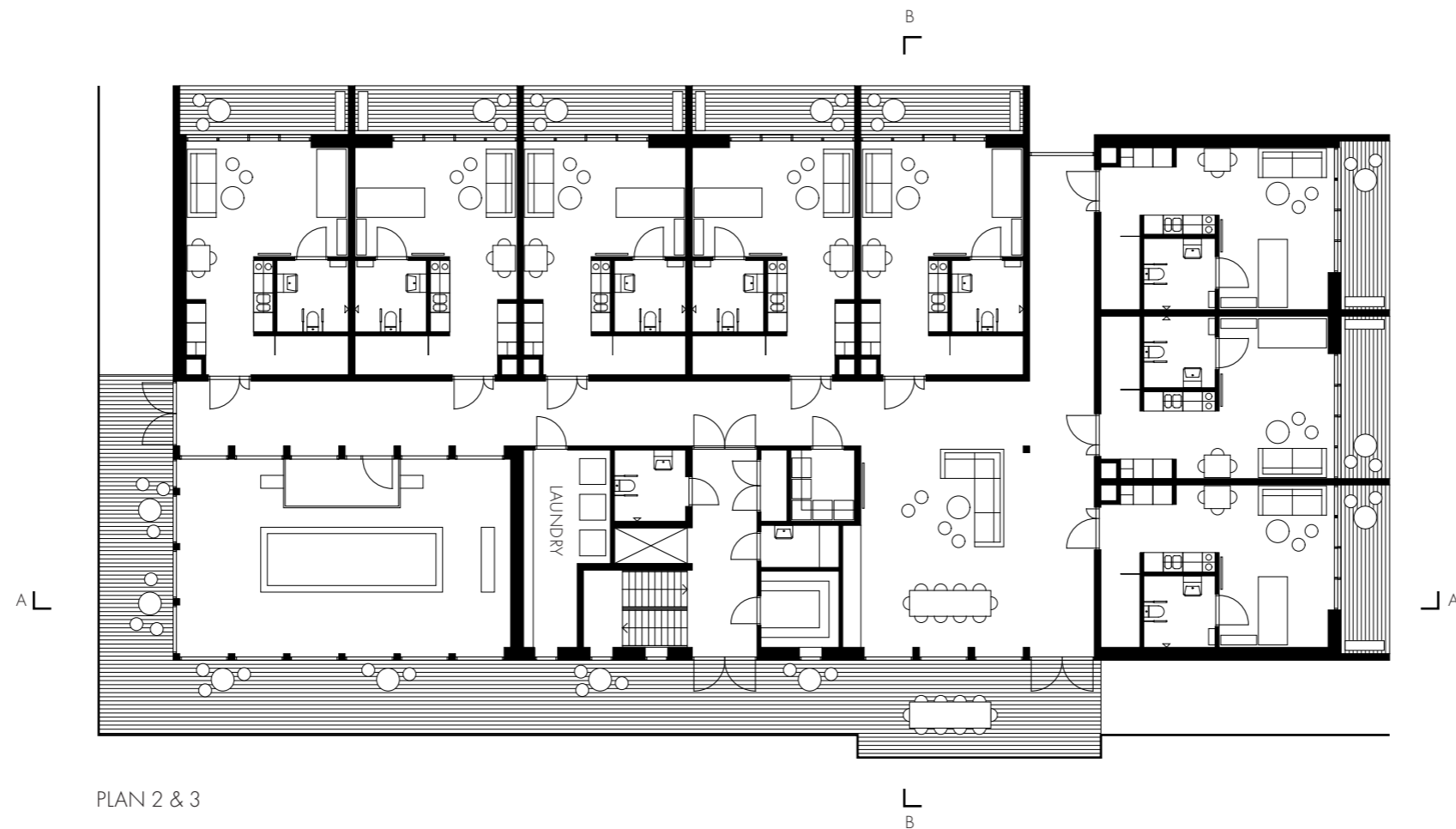
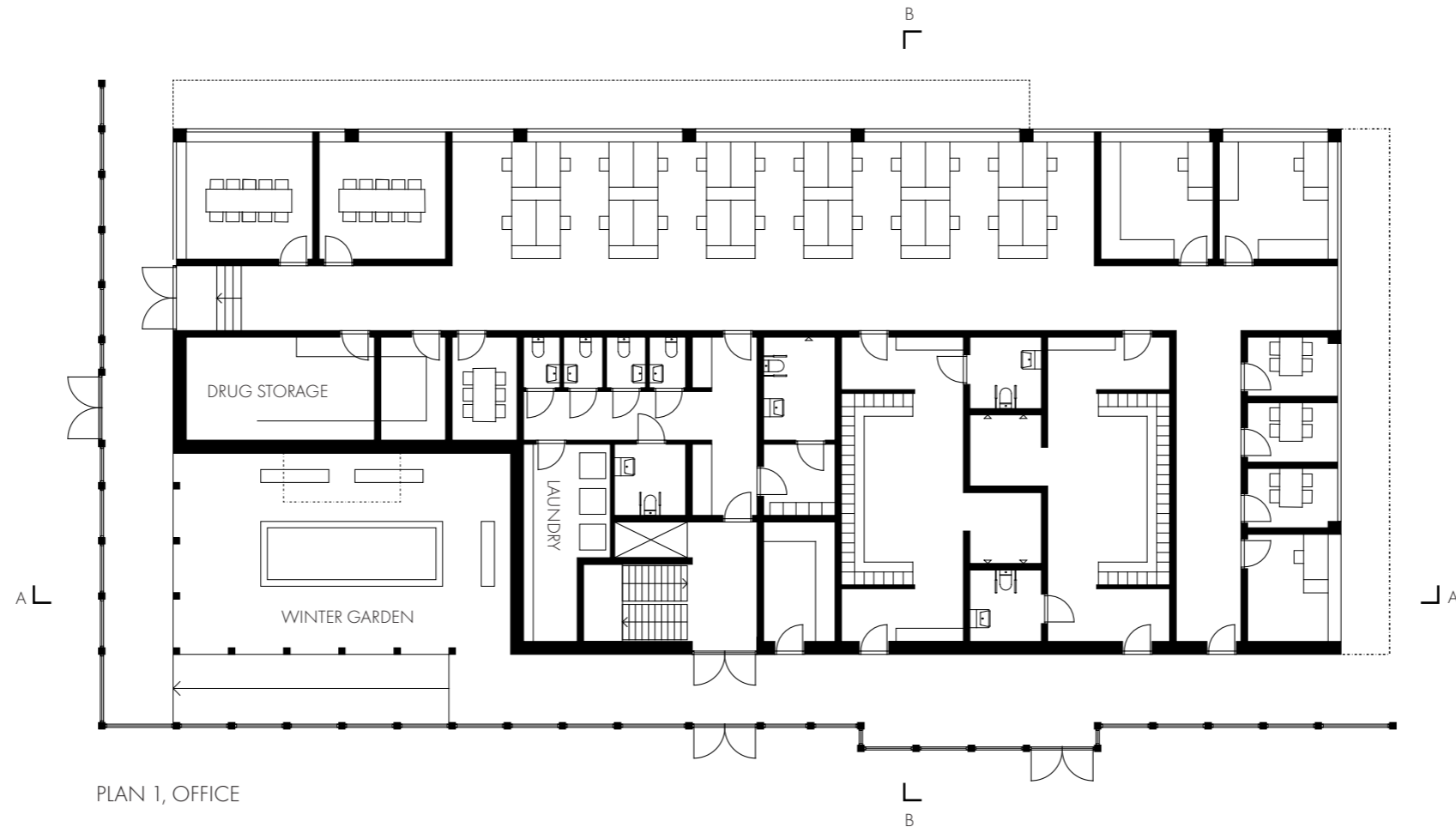
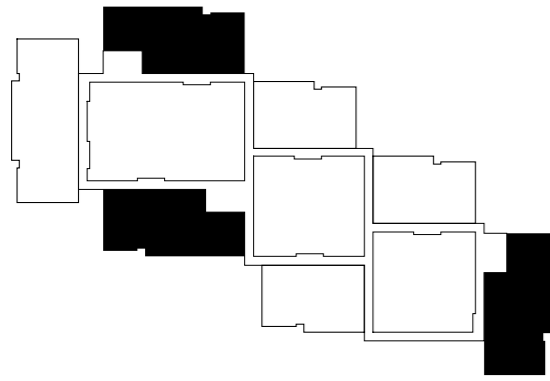
VIEW FROM THE URBAN COURTYARD



PLAN 1



PLAN 2





VIEW FROM WINTER GARDEN

GLAZED PATHWAY

People with dementia tend to walk around frequently. This has been one of the foundation stones in the design. It resulted in a plan layout that enables walking loops in different scales. In addition to this, a gym is attached to the pathway.

Exercising is an integral part of healthy living regardless of your mental or physical health. In ordinary elderly care homes the residents are more or less enclosed within the assigned unit and thus cannot exercise properly. In this proposal, exercising is central.

OUTDOOR SPACES

The residents have a variety of outdoor spaces: private balconies, common balconies, public winter gardens and public courtyards. These layers of privacy is a part of social sustainability.

COURTYARDS

The three courtyards have different characters, mainly because of two reasons: to create a rich outdoor environment and facilitate wayfinding. The courtyards help the residents to orient better within the village. The southern courtyard has an urban character with hard surfaces and a plaza. The northern courtyard has a park character, with a pond, ducks and hens. The middle courtyard works as a transition.

ACTIVITY AREAS

There are several activity areas in the courtyards: a theatre/cinema, gym and art studio among others.

WINTER GARDEN

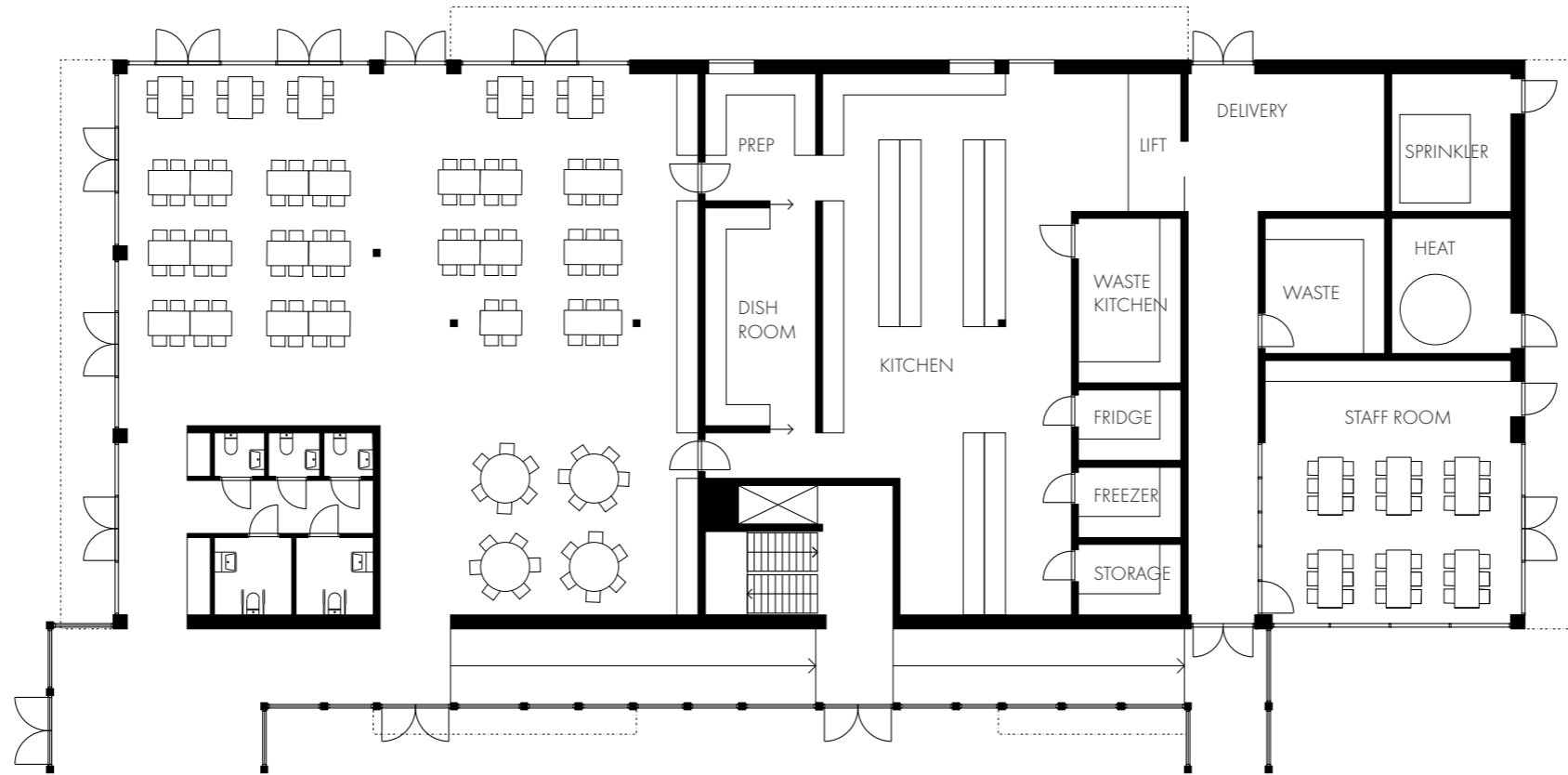
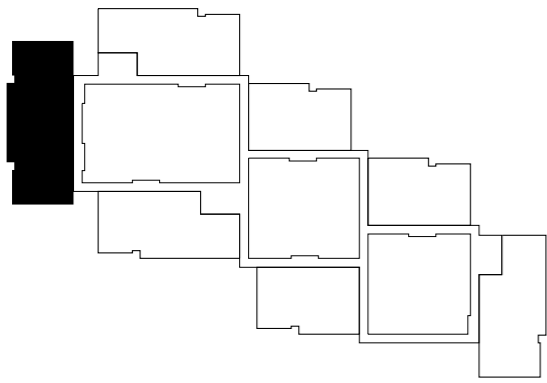
Three winter gardens enrich the living environment. Here could the residents meet the neighbours and grow plants all year round. Each winter garden has a specific character which help the resident orientate when walking in the pathway.

UNITS

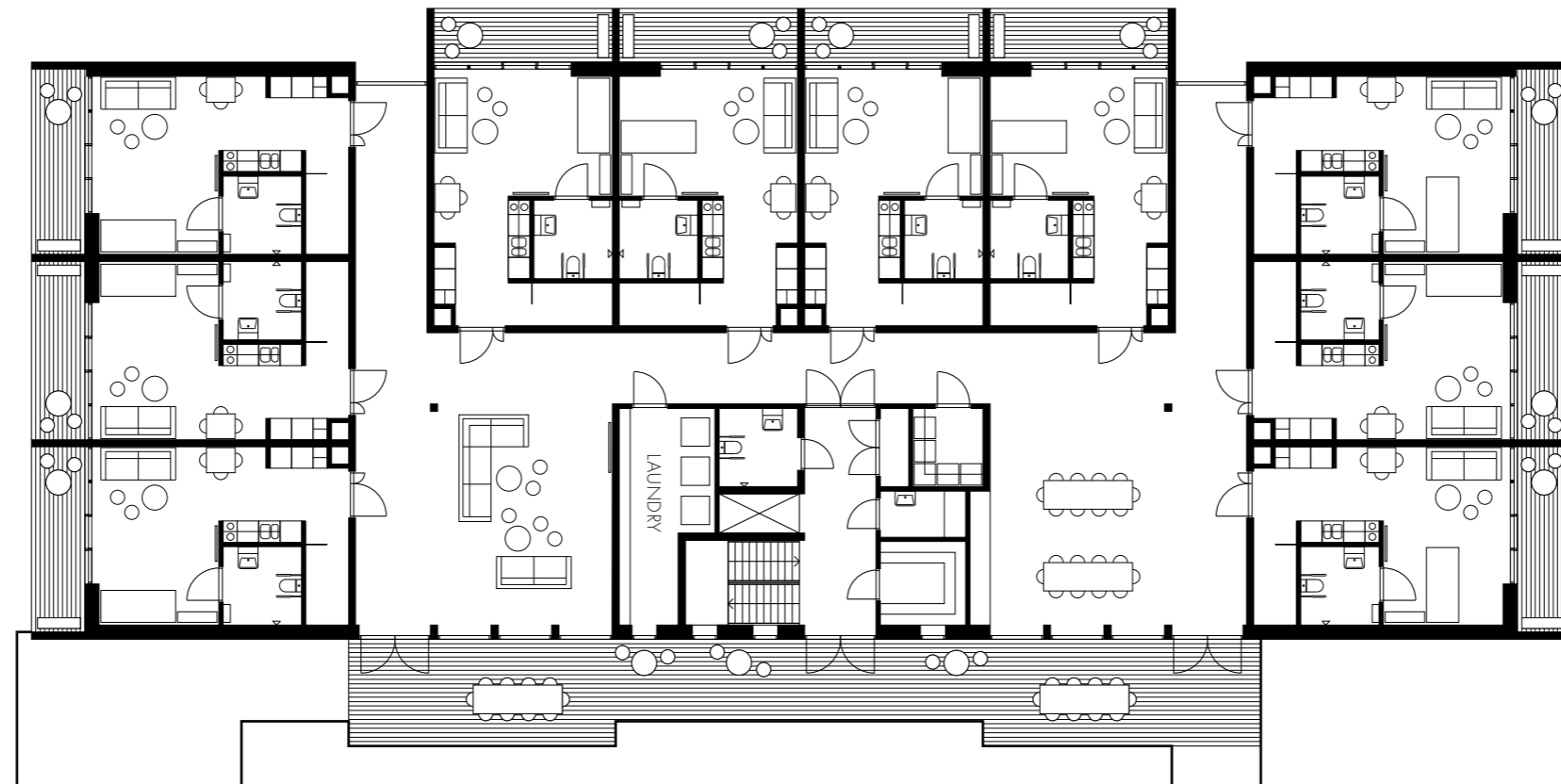
The pathway never passes through the unit, it only connects on one side. This means that a unit could work independently if needed. In each unit all apartments are facing the outside and the common areas are facing the pathway. The idea behind the layout is to create a distance from the private dwelling to the public pathway. All units follow the same structural design. For instance, a 8-unit is just an extension of a 6-unit, with two more apartments and a winter garden.

TECHNICS

Incoming electricity is placed in the basement under the delivery. The ventilation system is divided into seven spaces, one in the basement of each unit. Sprinkler and incoming heating is placed closed to the delivery.



PLAN 1, RESTAURANT



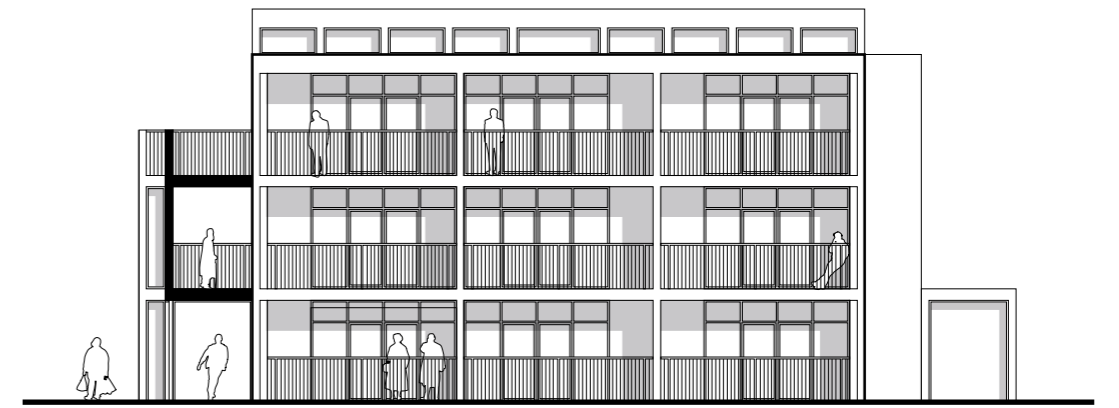
PLAN 2-3



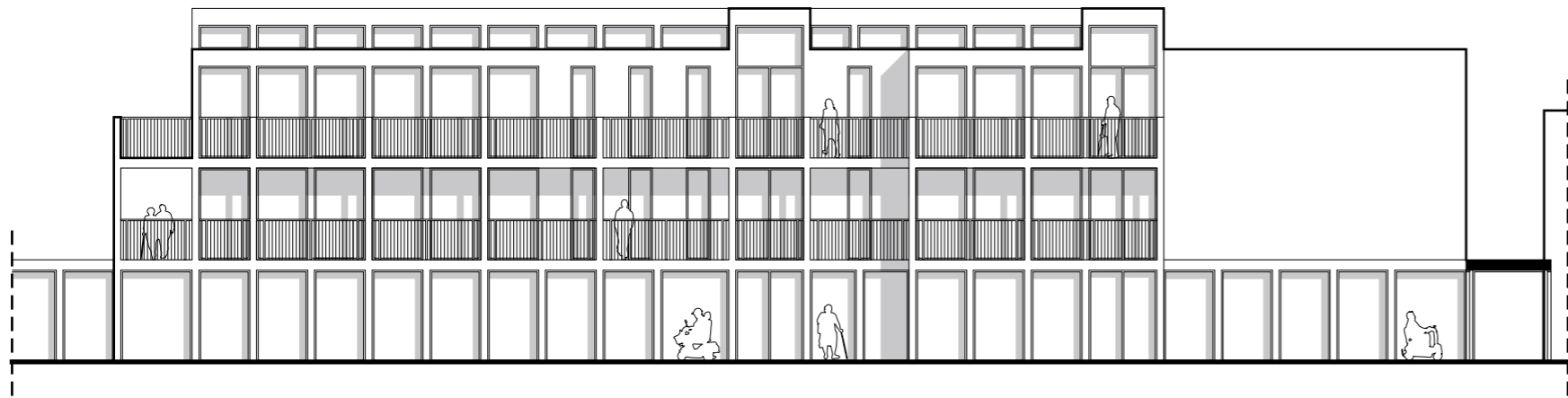
VIEW FROM COMMON AREA



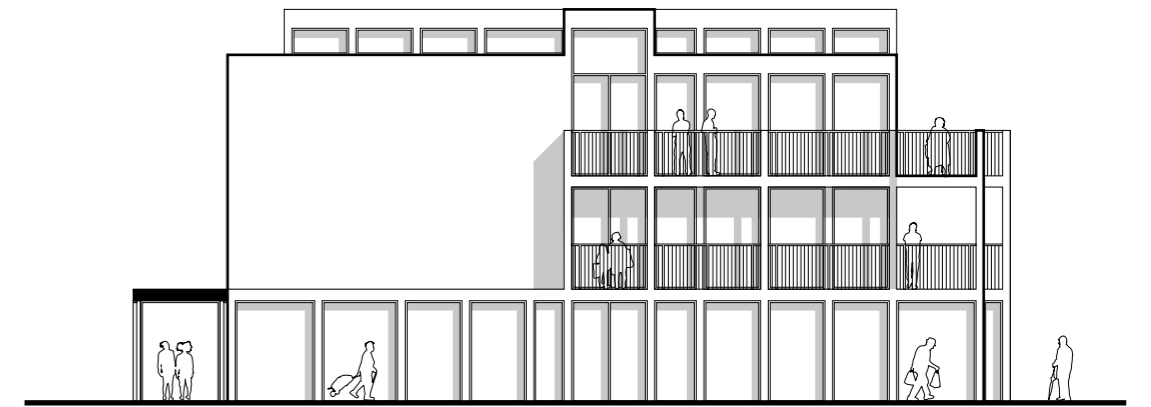
ELEVATION APARTMENTS



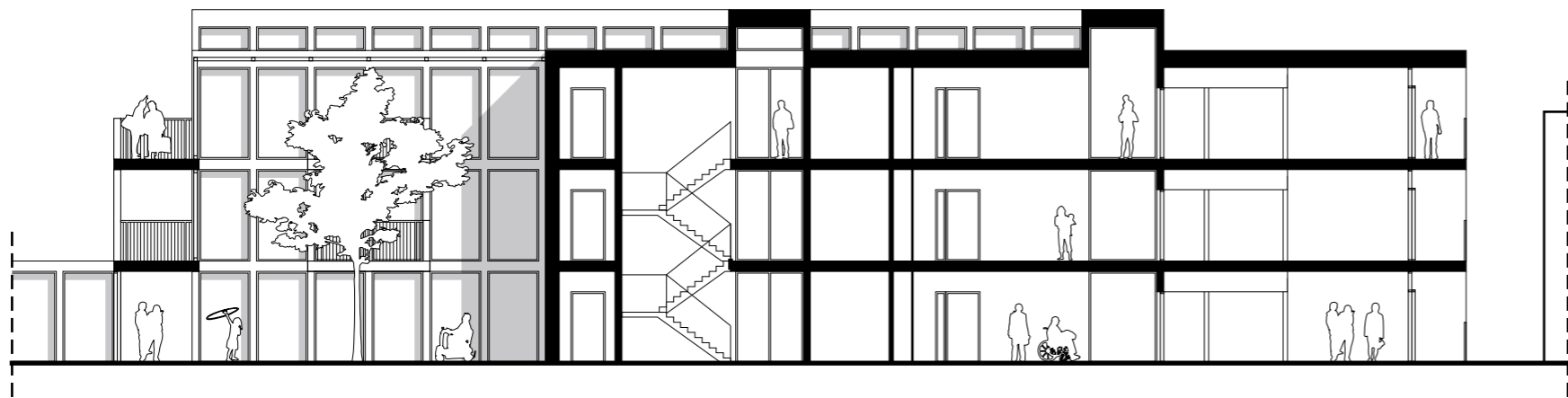
ELEVATION APARTMENTS



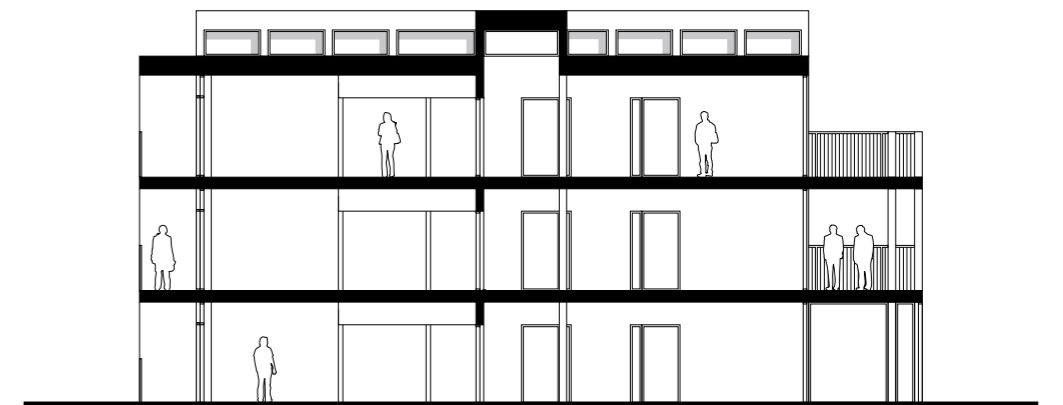
ELEVATION COURTYARD



ELEVATION COURTYARD



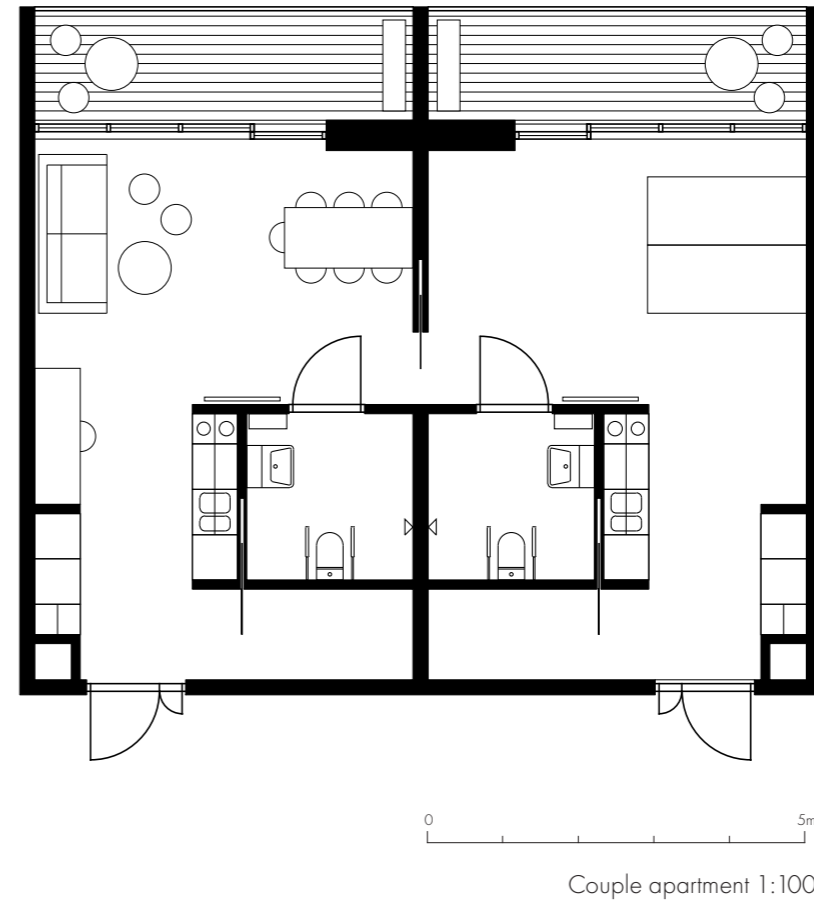
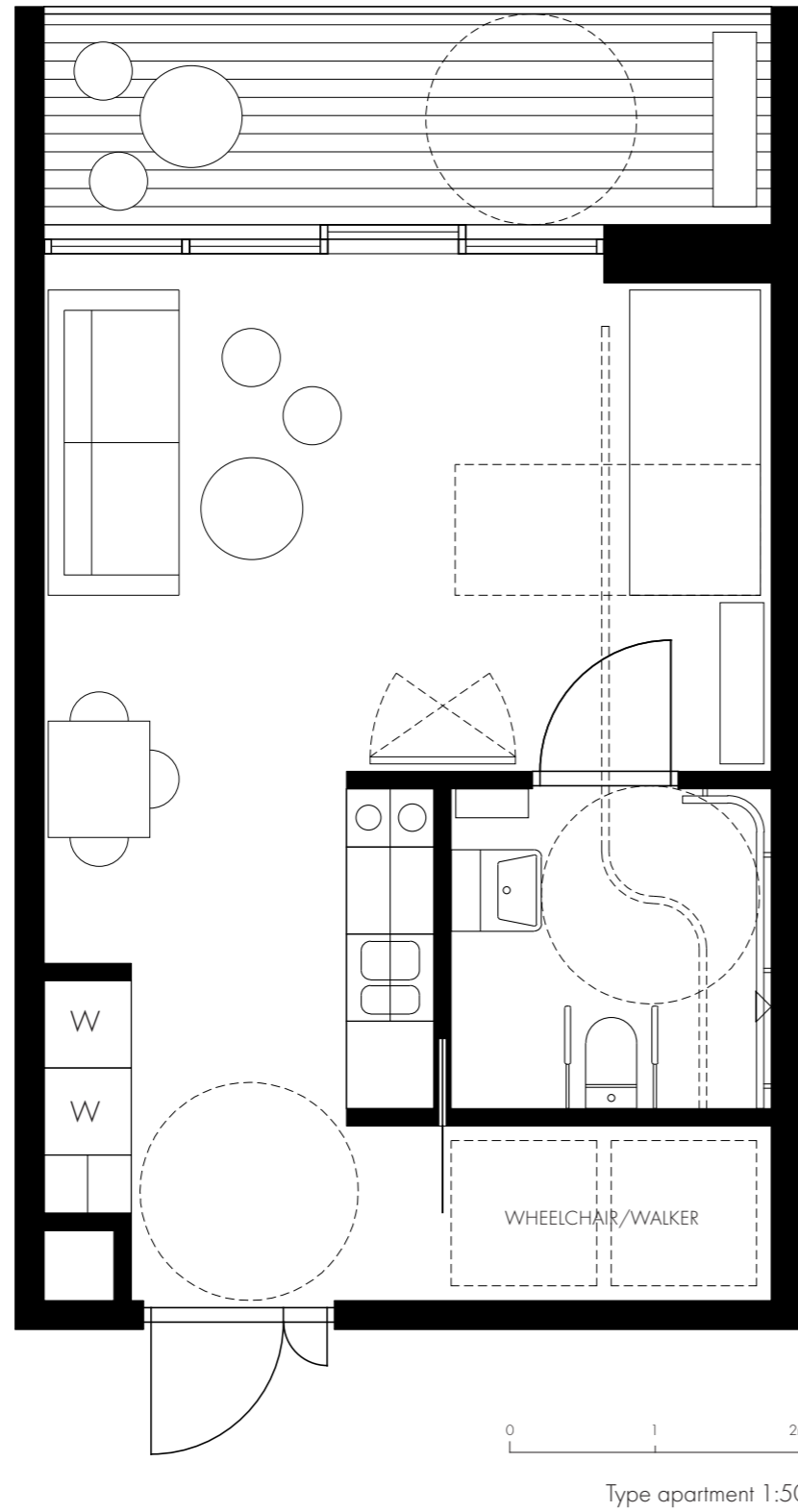
SECTION A-A



SECTION B-B



FACADE APARTMENT SIDE



APARTMENT

All apartments have the same size of 35 m² (7x5 m). These could be combined as the drawing above. When entering the apartment you have a large storage to the right and wardrobes to the left. A kitchenette is integrated in the wall against the bathroom. At the opposite is a small table. In the living room you can fit a sofa and bed in different constellations. From the bed you have close connections to the bathroom and at the same time sightlines towards nature. In addition there is a private balcony of 7,5 m².



VIEW FROM AN APARTMENT





THANK YOU!

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