

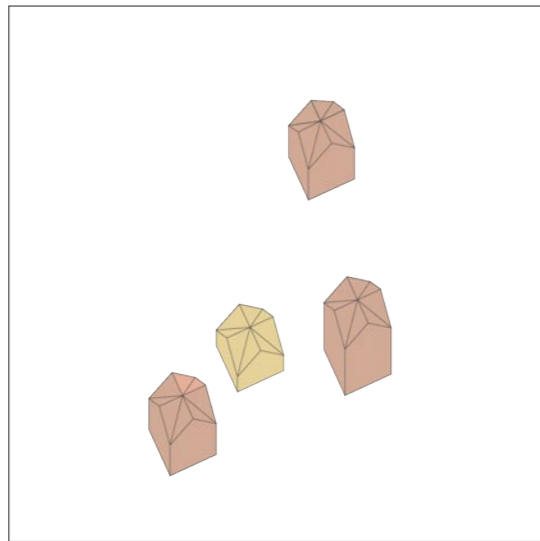
BRÄCKE BY

A DEMENTIA VILLAGE FOR BRÄCKE DIAKONI

Group 7
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GOALS



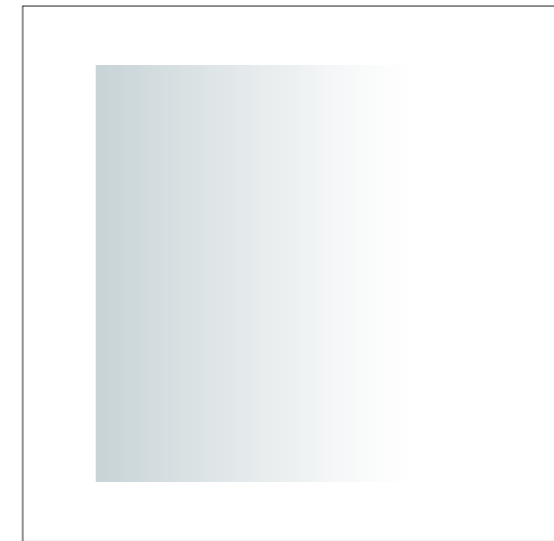
VILLAGE
To create a village feeling and sense of community.



CIRCULAR MOVEMENT
To create a circular walking path outside.

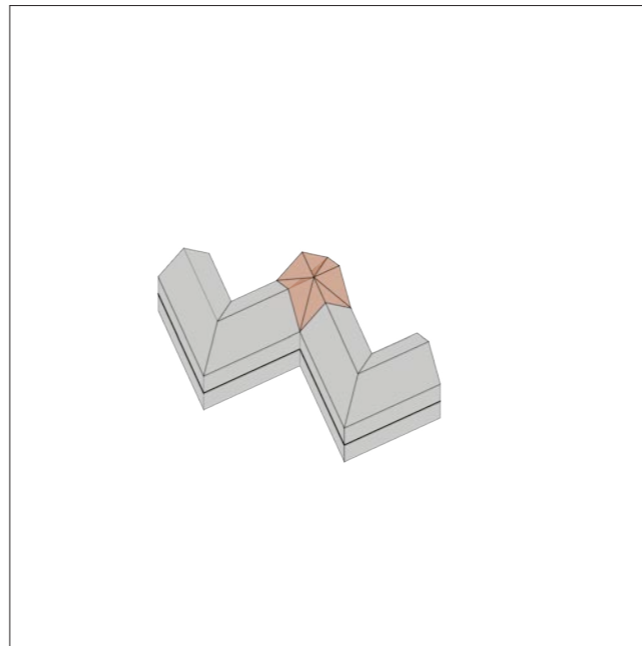


CLOSENESS TO OUTDOOR ENVIRONMENT
To create access to outdoor environments in different scales and grades of privacy.



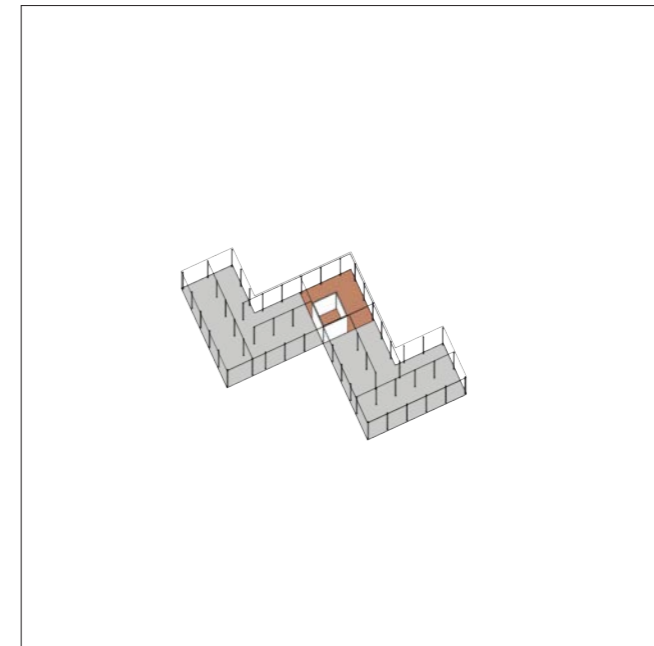
GRADIENT
To create a gradient of privacy.

BUILDING CONCEPT



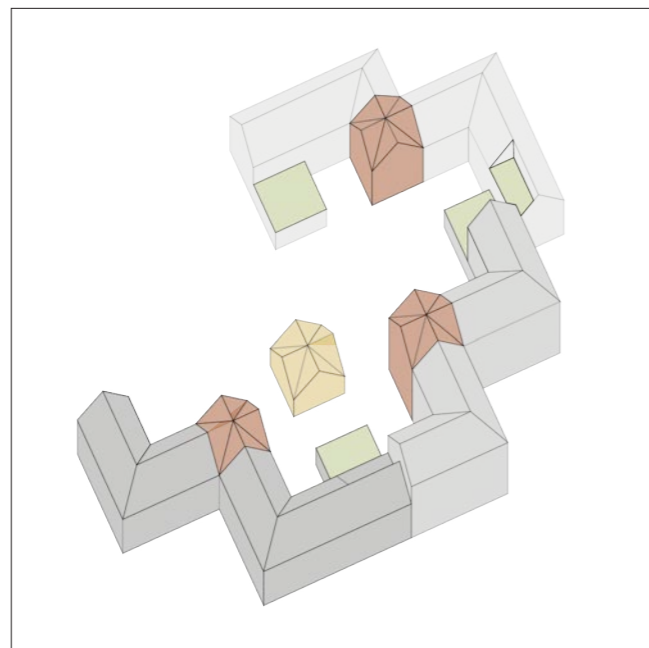
UNIT-HUB

L-shaped units are placed 2 and 2 connected by an entrance hub. Each hub is connected to 4 units on 2 floors which makes it easy for the night staff.



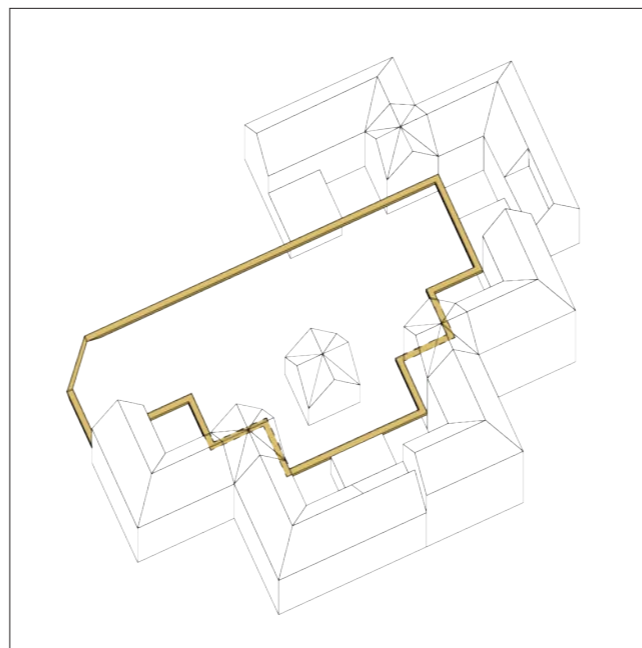
CONSTRUCTION

Pillars are placed in the facade and in the walls of the apartments to have a flexible floorplan. The elevator shaft works as a stabilizing element.



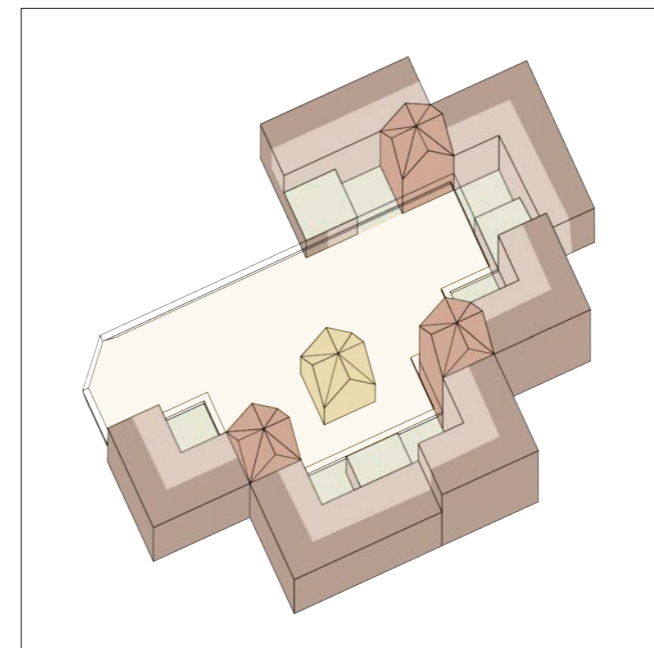
ORIENTATION

3 groups of units with the communication hubs as focus points within the complex. By spreading out the entrances we have created a village feeling where residents are encouraged to explore and move around in the fresh air. On the ground level there is a possibility for staff to move inside between all hubs.



BRIDGE

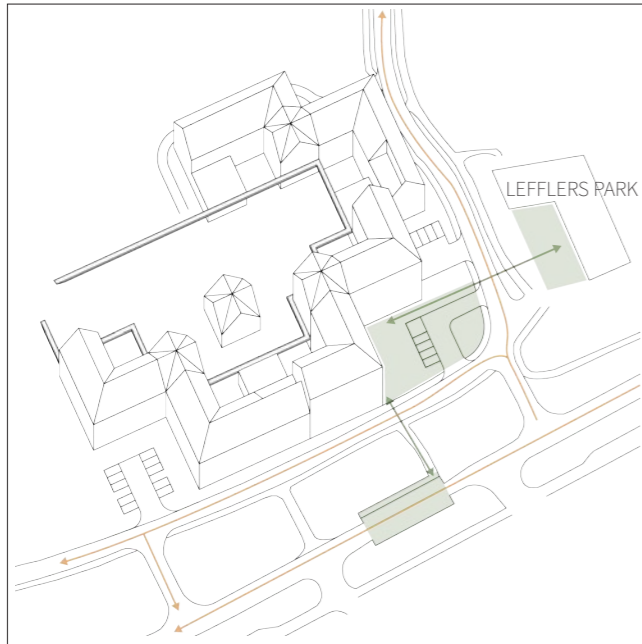
The circular movement is achieved on the second floor by an outdoor pathway that creates a 300 meters long walk around the courtyard and treetops. The pathway also works as a weather protected path on the ground level and as a room divider within the garden.



GRADIENT

We have created a clear gradient of privacy within the project by minimizing the use of corridors. The residents will see staff and life right outside their apartment door to not feel alone. The gradient is also visible in the outdoor environment where the unit has private balconies then a private garden and then the main courtyard.

SITE ANALYSIS



COMMUNICATION

The main entrance of the project is located by a new square next to the intersection into the area. The square is formed by the path from the bus stop and created with the goal to create a relation to Lefflers Park and its entrance square. Public functions such as restaurant and second hand are located at the square.



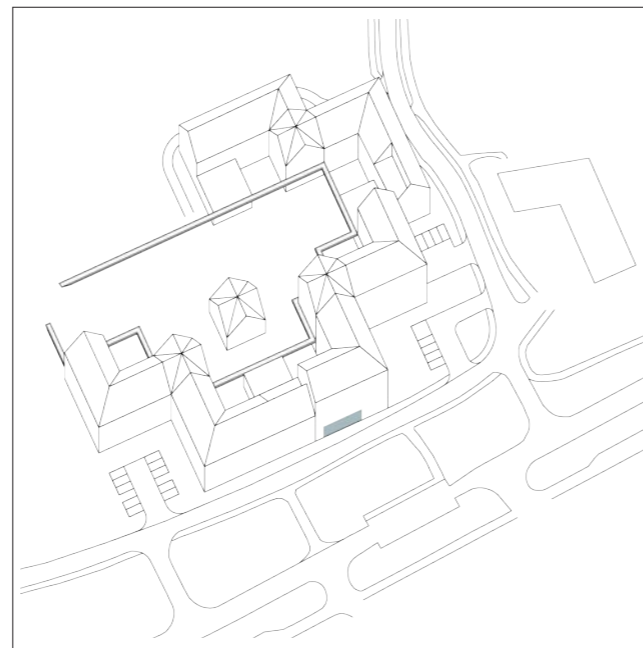
NATURE

We use the slope as a natural barrier to our courtyard and therefore make it feel more open to the surrounding and bring the nature into our park. The slope towards the north is modified and cleaned up to be a nice framing and view as well as make room for an access road. We have chosen to keep the three large oaks found on the site today.



BUILDING DIVISION

We have divided the building by color to break down the long facades towards the streets and clarify the different groups of units. The volume closest to the new project Lefflers Park is raised one floor to speak with the higher buildings in that project and to mark the entrance to our complex. The volumes inside the garden are just one floor to have a lower scale.



EXISTING FUNCTIONS

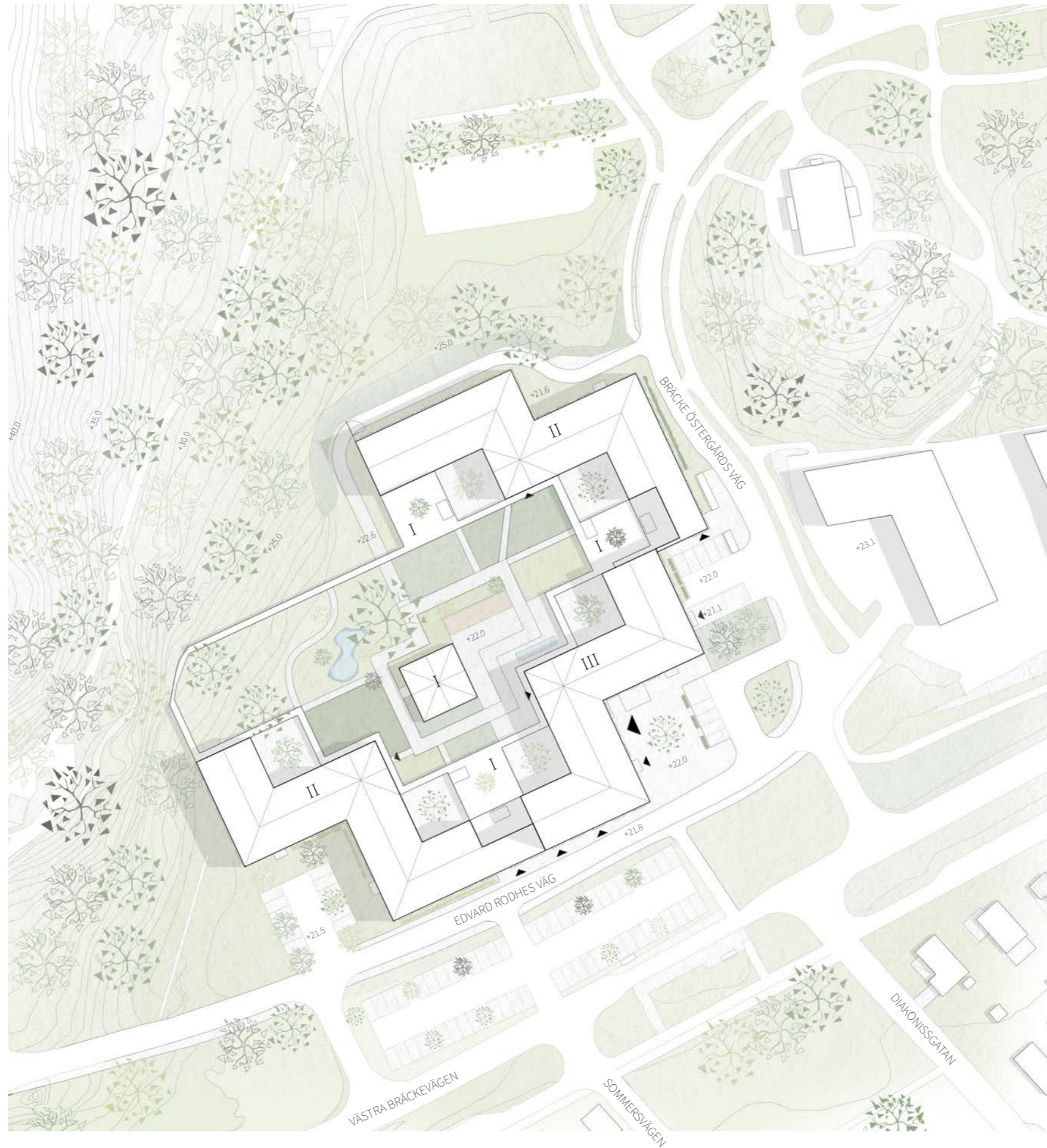
We have chosen to let the dog daycare and "Daglig verksamhet" that is in the buildings at the site today take place in the project as these activities can have a nice cooperation with the village.

FUNCTIONS



- HUB
- PUBLIC
- UNIT
- TERRACE
- STAFF
- SUPPORT

SITE PLAN



QUICK FACTS

TOTAL AREA: 9 400 m²

PUBLIC FUNCTIONS: 700 m²

SUPPORT FUNCTIONS: 480 m²

UNIT/HUB: 437 m²/ 115 m² - 62 m²/resident

OUTDOOR AREA: 5100 m²

UNITS: 12

APARTMENTS: 95 single's and 3 couple's

SITE PLAN 1:1000





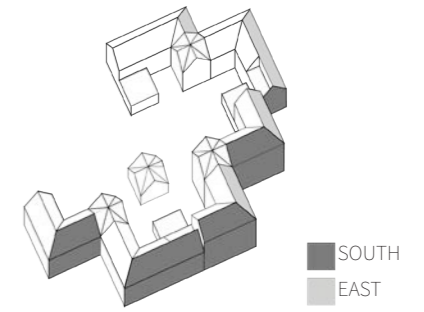
BIRD-EYE PERSPECTIVE



EAST FACADE 1:500



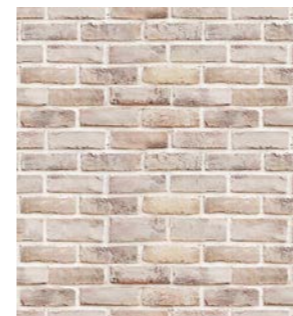
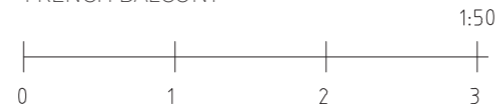
SOUTH FACADE 1:500



DETAIL 1 1:200
MAIN ENTRANCE FACADE



DETAIL 2 1:50
FRENCH BALCONY



1



2



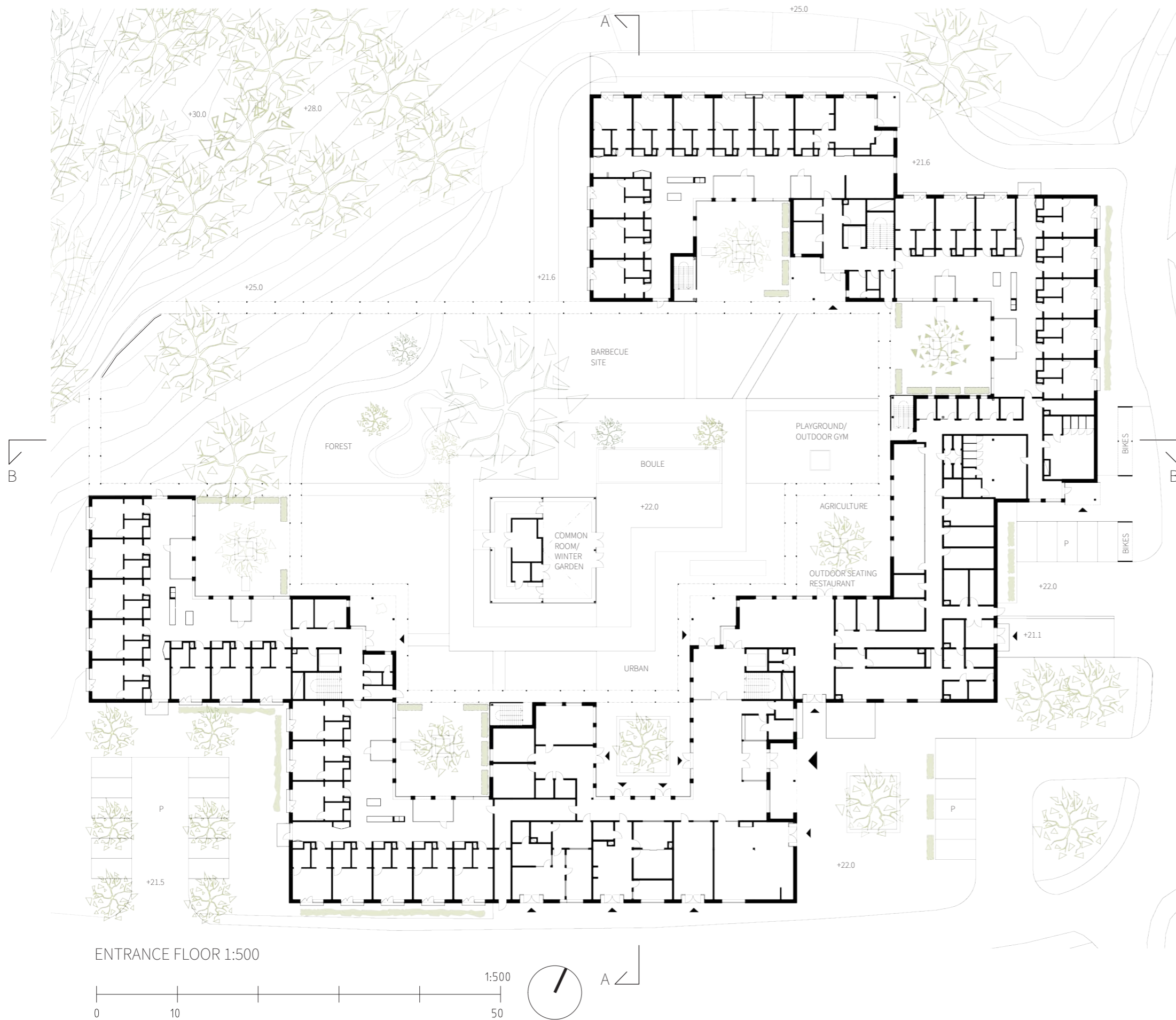
3

FACADE MATERIALS



FACADES

The facades are divided into 3 color schemes along the streets to break down the long facades. The window framings from the apartments are extended 300 mm out from the facades creating French balconies. Framings as well as detailing are in wood to get a warm feeling. The entrances to public functions are instead pushed in, these also in wood. In connection to openings in the facade, there are details where the brickwork is vertical, to get a higher feeling.



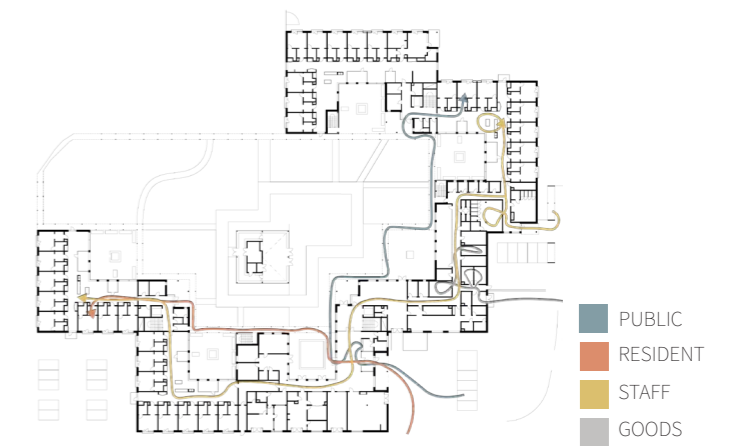
ENTRANCE FLOOR

The parking is divided and spread out around the building; by the main entrance, staff entrance and in connection to the bigger parking lot for the area.

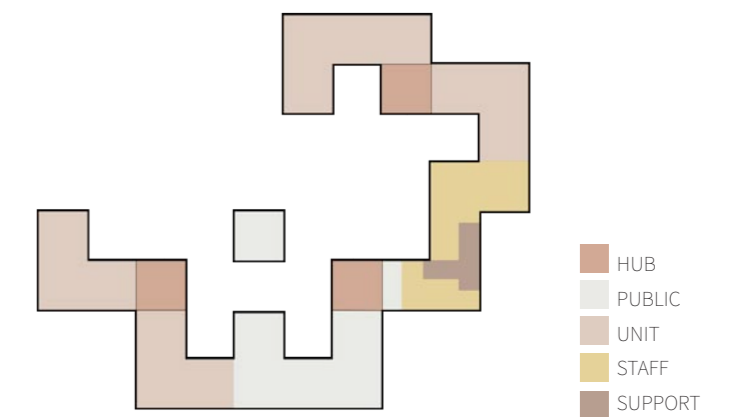
Residents and visitors will arrive to the site mainly by bus or car. As a visitor you may ask the receptions for advice where to go while the resident can continue out in the garden right away. When coming out from the entrance hall you can see the three different hubs and locate where to go.

The staff have their own entrance and have possibility to move through the whole building on the first floor.

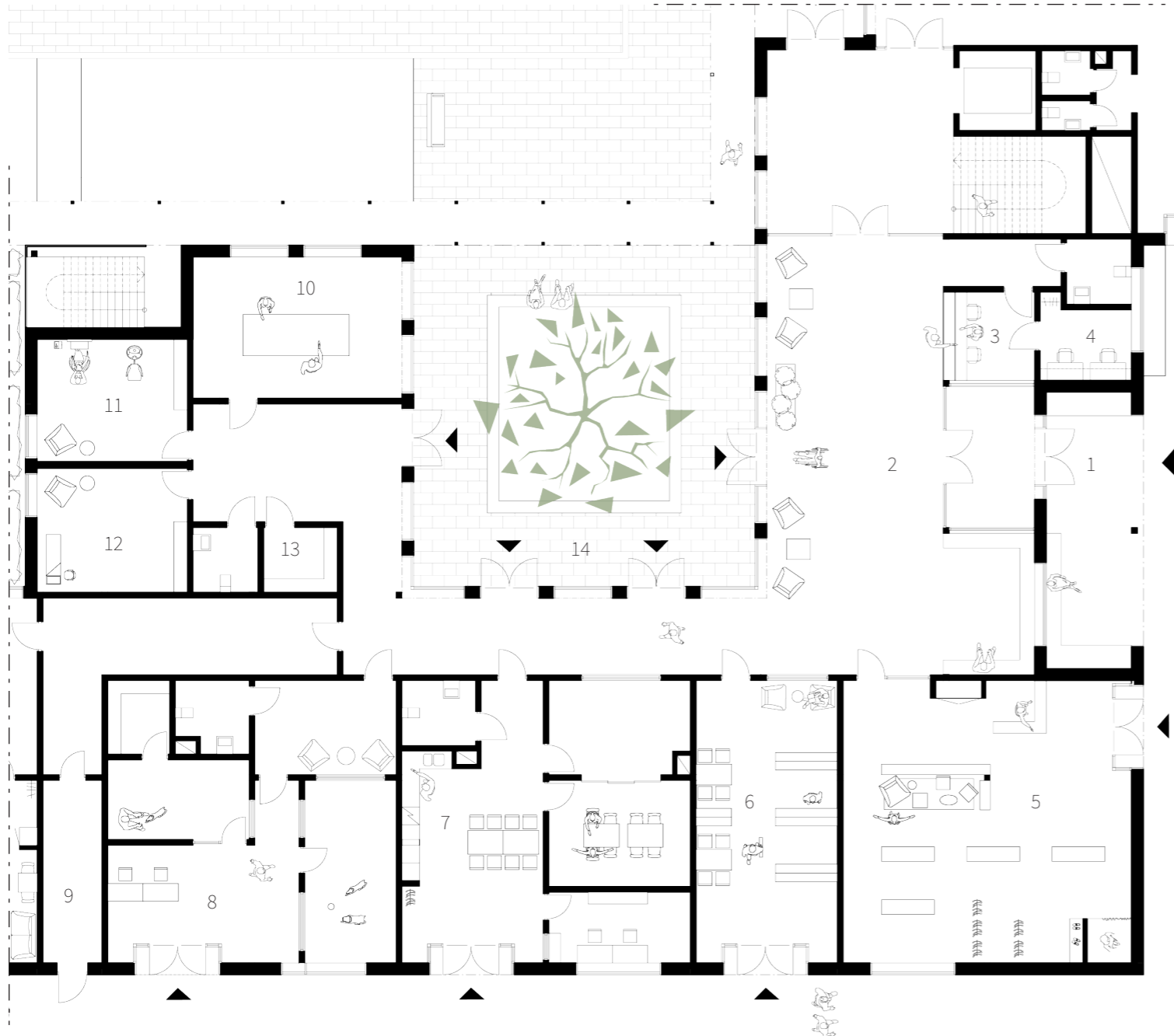
The goods area is in close connection to the staff area and the loading deck is hidden behind some trees.



FLWS

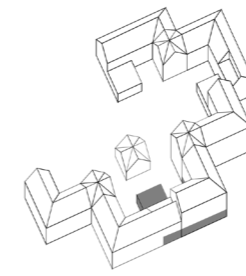


FUNCTIONS



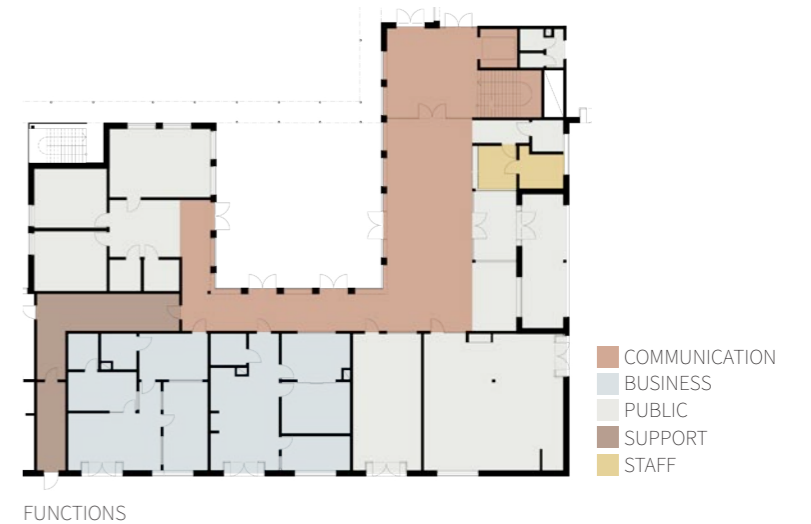
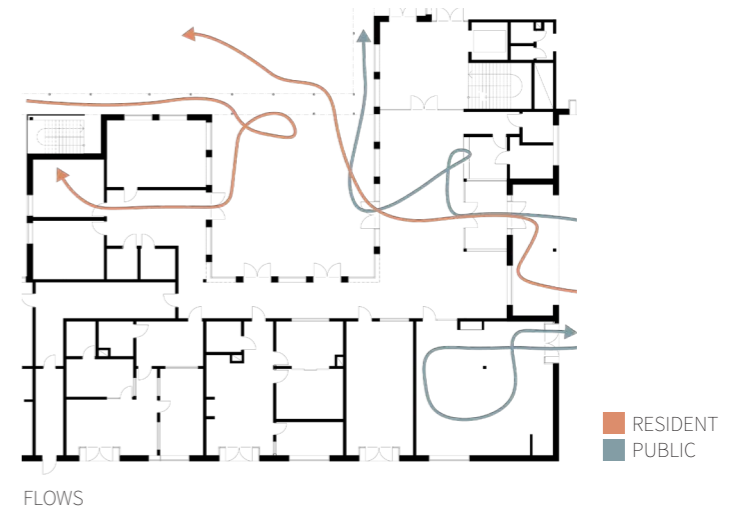
- 1. MAIN ENTRANCE
- 2. ENTRANCE HALL
- 3. RECEPTION
- 4. BACK OFFICE
- 5. SECOND HAND
- 6. LIBRARY
- 7. DAGLIG VERKSAMHET
- 8. DOG DAY CARE
- 9. INCOMING ELECTRICITY
- 10. WORKSHOP
- 11. BEAUTY SALON
- 12. FLEXI ROOM
- 13. STORAGE
- 14. URBAN SQUARE

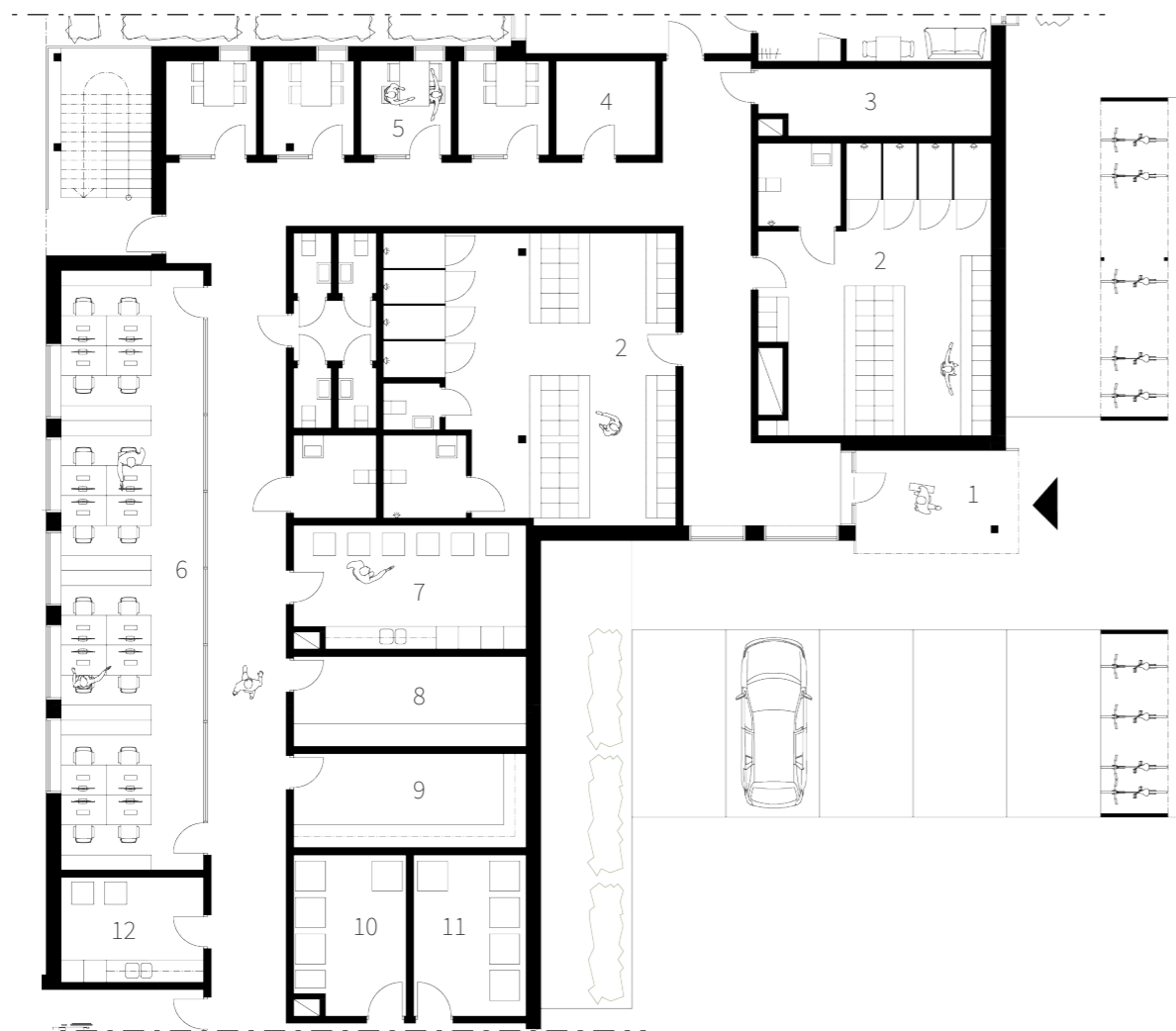
PUBLIC 1:200



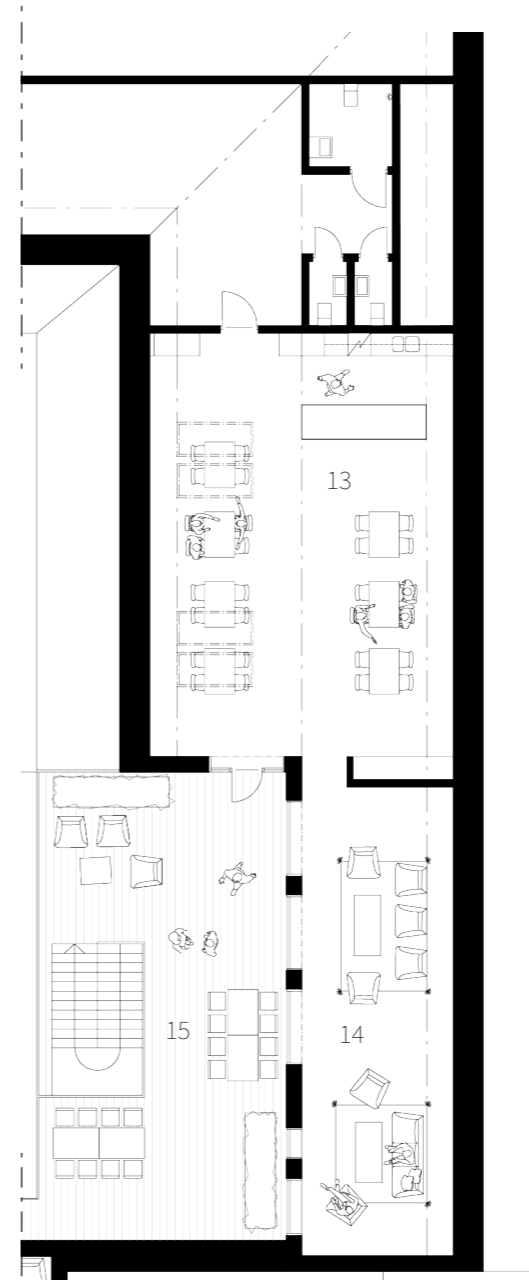
PUBLIC FUNCTIONS

As a visitor you can reach the public functions from the main entrance or from outside the building. As a resident you reach the public functions from the square inside the big garden. The second hand allows you as a resident to both buy and leave stuff when moving in or out. The store could be run by the "Daglig Verksamhet" which we decided to keep on the site. Also the existing dog day care could be an asset for the assisted living in different ways.





STAFF AREA 1:200



BREAK ROOM 1:200

STAFF AREA

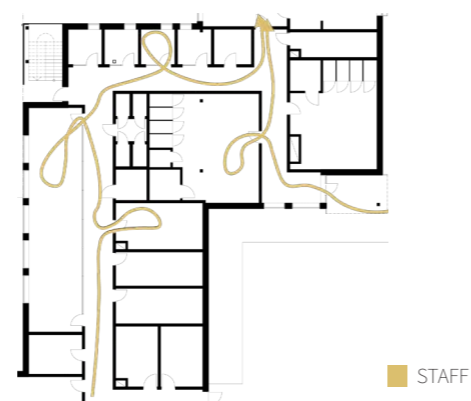
Staff have two main areas in the building. On the first floor they have their own entrance in connection to changing rooms. In this area there are also some meeting rooms and a bigger open office. In addition to these, workstations are placed in connection to each unit.

On the third floor, separated from the units and work, staff have their break room with possibility to eat, rest and sit outside on a rooftop terrace.

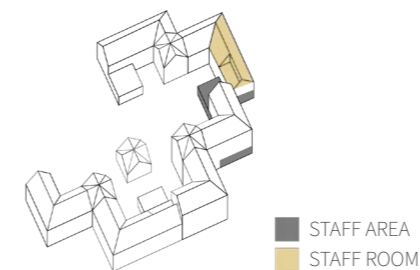
- 1. ENTRANCE
- 2. CHANGING ROOM
- 3. SPRINKLER ROOM
- 4. INCOMING HEATING
- 5. MEETING ROOM
- 6. OPEN OFFICE
- 7. STAFF LAUNDRY
- 8. STORAGE
- 9. DRUG STORAGE
- 10. WASTE RESTAURANT KITCHEN
- 11. WASTE ASSISTED LIVING
- 12. CLEANING CENTRAL
- 13. DINING ROOM
- 14. RELAX
- 15. STAFF TERRACE



FUNCTIONS



FLOWS



STAFF AREA
STAFF ROOM



GARDEN 1:500



GARDEN

The big common garden is closed off with the big hill in the west. This makes it possible for the residents to walk freely through the whole complex without the feeling of being fenced in.

The garden is divided in different zones with different attributes. There are the more private unit gardens and terraces, open grass spaces, barbecue site, outdoor gym and playground, forest, cultivation and an urban part with a square and seating area for the restaurant.

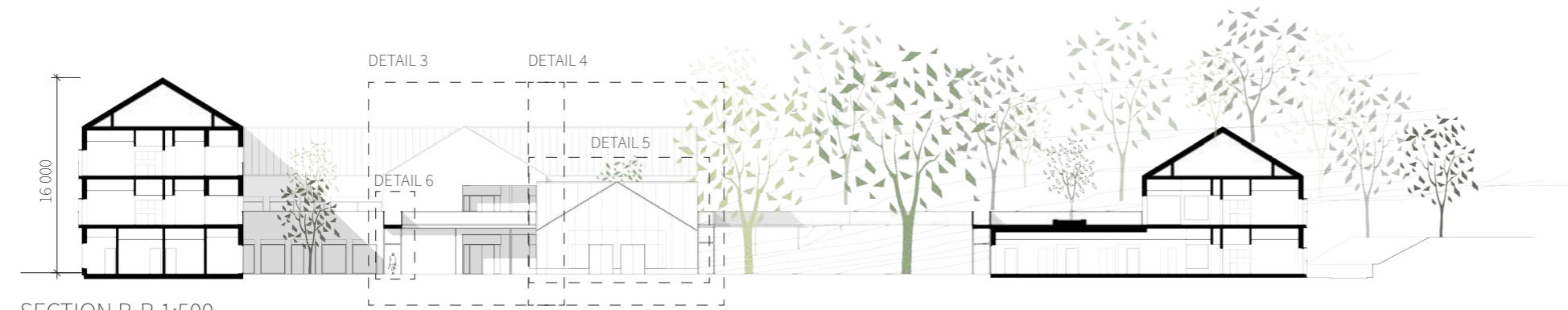
In the middle of the garden there is a big winter garden/common space. Different activities like movie night, parties or big meetings can take place here.

The unit terraces are connected to each other by the bridge that also offers the residents on the second floor a possibility to take a treetop walk along the garden.

1. ENTRANCE SQUARE
2. COMMUNITY SQUARE
3. UNIT GARDEN
4. UNIT TERRACE
5. STAFF TERRACE
6. SEATING AREA FOR RESTAURANT
7. CULTIVATION
8. URBAN
9. BOULEVARD AREA
10. PLAYGROUND/OUTDOOR GYM
11. WINTER GARDEN/COMMON SPACE
12. POND
13. BARBECUE SITE
14. FOREST
15. BRIDGE
16. ACCESS ROAD



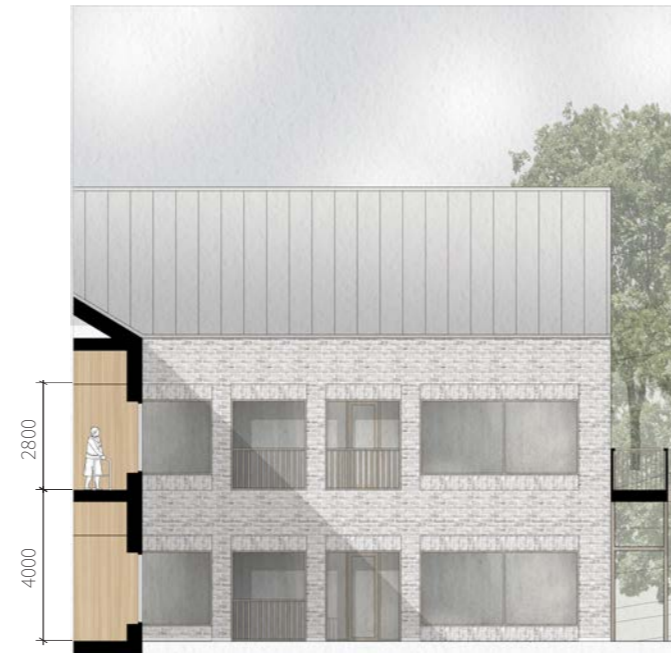
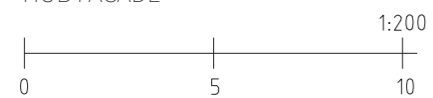
SECTION A-A 1:500



SECTION B-B 1:500



DETAIL 3 1:200
HUB FACADE



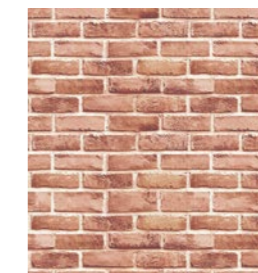
DETAIL 4 1:200
UNIT FACADE



DETAIL 5 1:200
WINTERGARDEN FACADE

SECTIONS/FACADES

Towards the garden as well as towards the streets the facades are divided into 3 different colors, and the window frames are in wood. The 3 entrance hubs are in red brick to highlight them and make the orientation easier for the residents. The winter garden/common space is all glassed up and will act as a lantern during the dark hours.



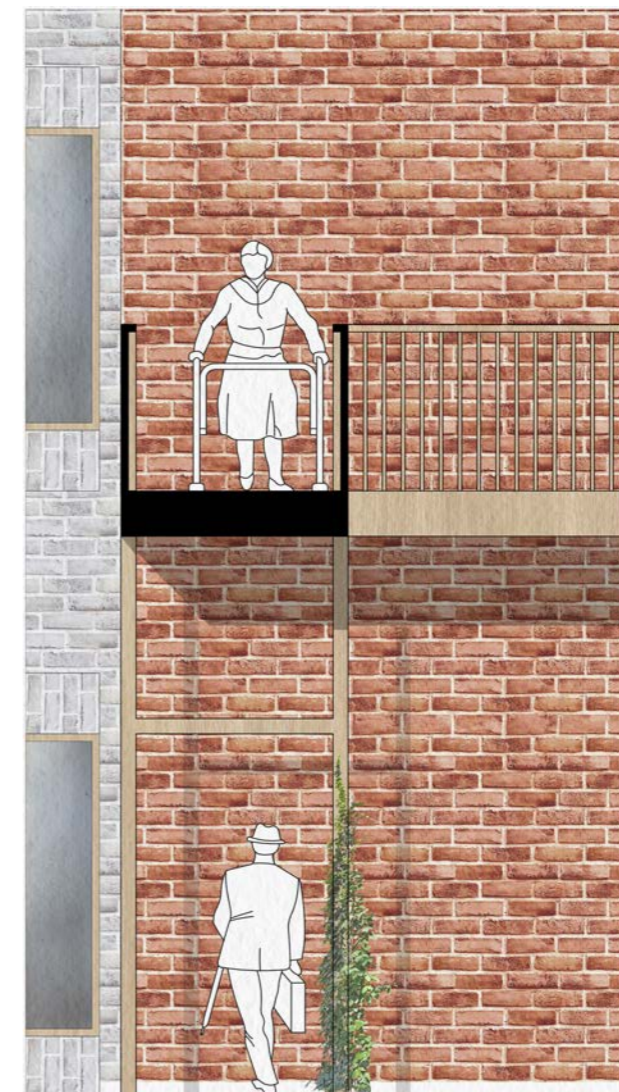
MATERIAL HUB



PERSPECTIVE - GARDEN/HUB

THE BRIDGE

The bridge, which extends along the whole building, acts as an outdoor walking possibility on the second floor, without residents having to go down on the ground level. On the ground level it works as a weather protector that connects all entrance hubs. So, when coming from the main entrance you could always walk under roof to your unit while still experiencing the village feeling of walking outside to your home. The same wood as used in detail's in the facade are also used as material on the bridge. Wood adds tactility and warmth to the project.

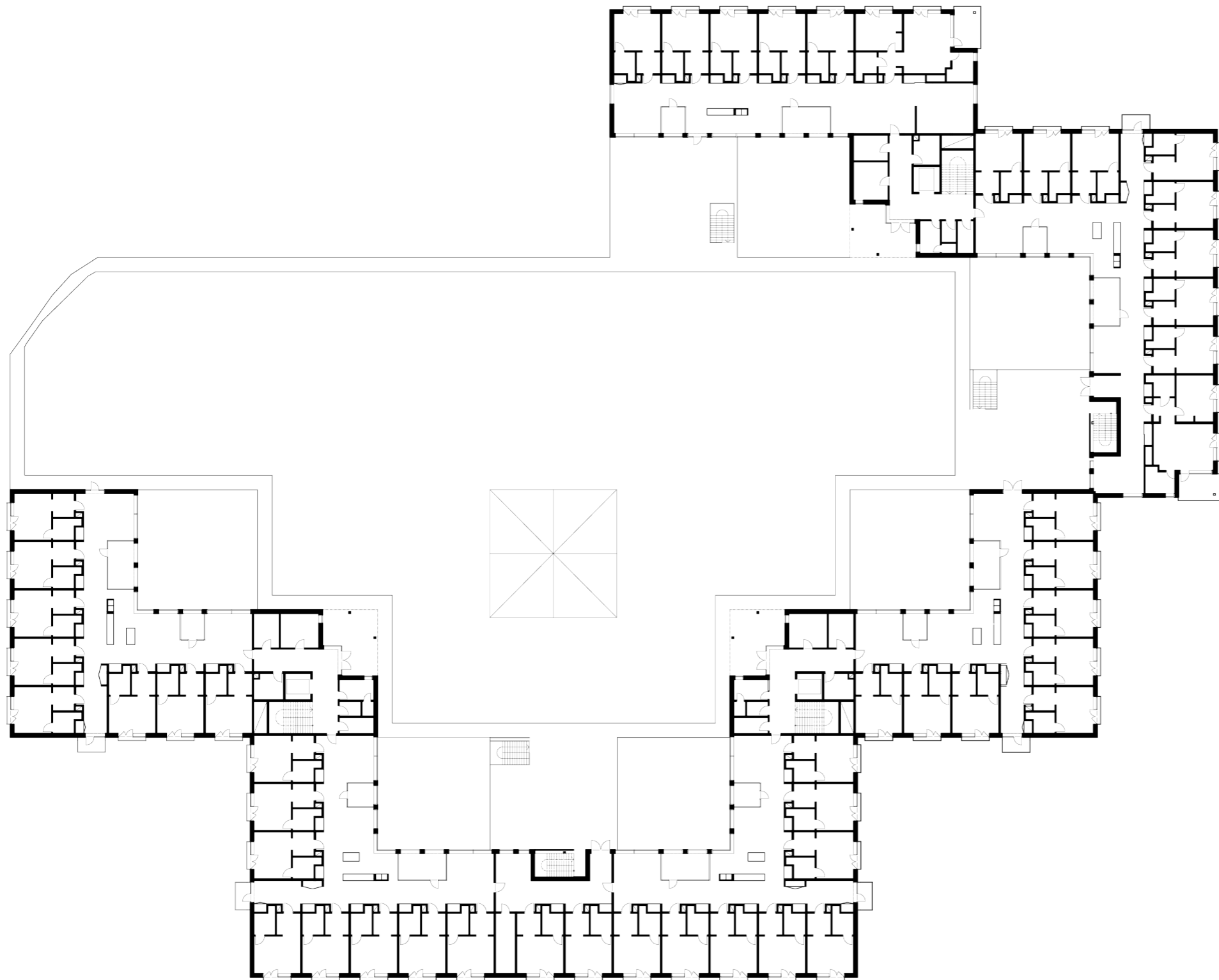


DETAIL 6 1:50
BRIDGE



A ↘

B ↘



SECOND FLOOR 1:500

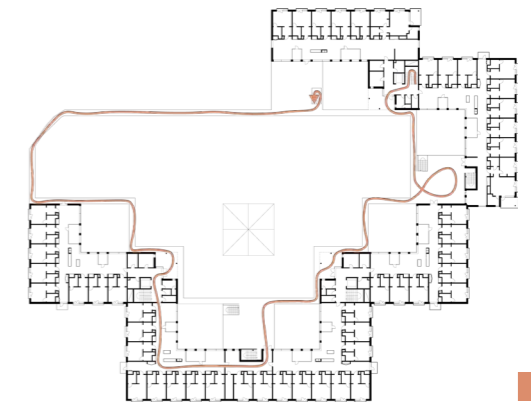


A ↘

SECOND FLOOR

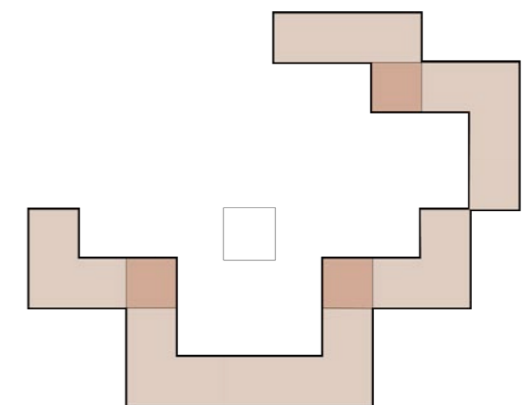
This floor consists of six units and three hubs in-between.

B ↘



RESIDENT - OUTSIDE WALK

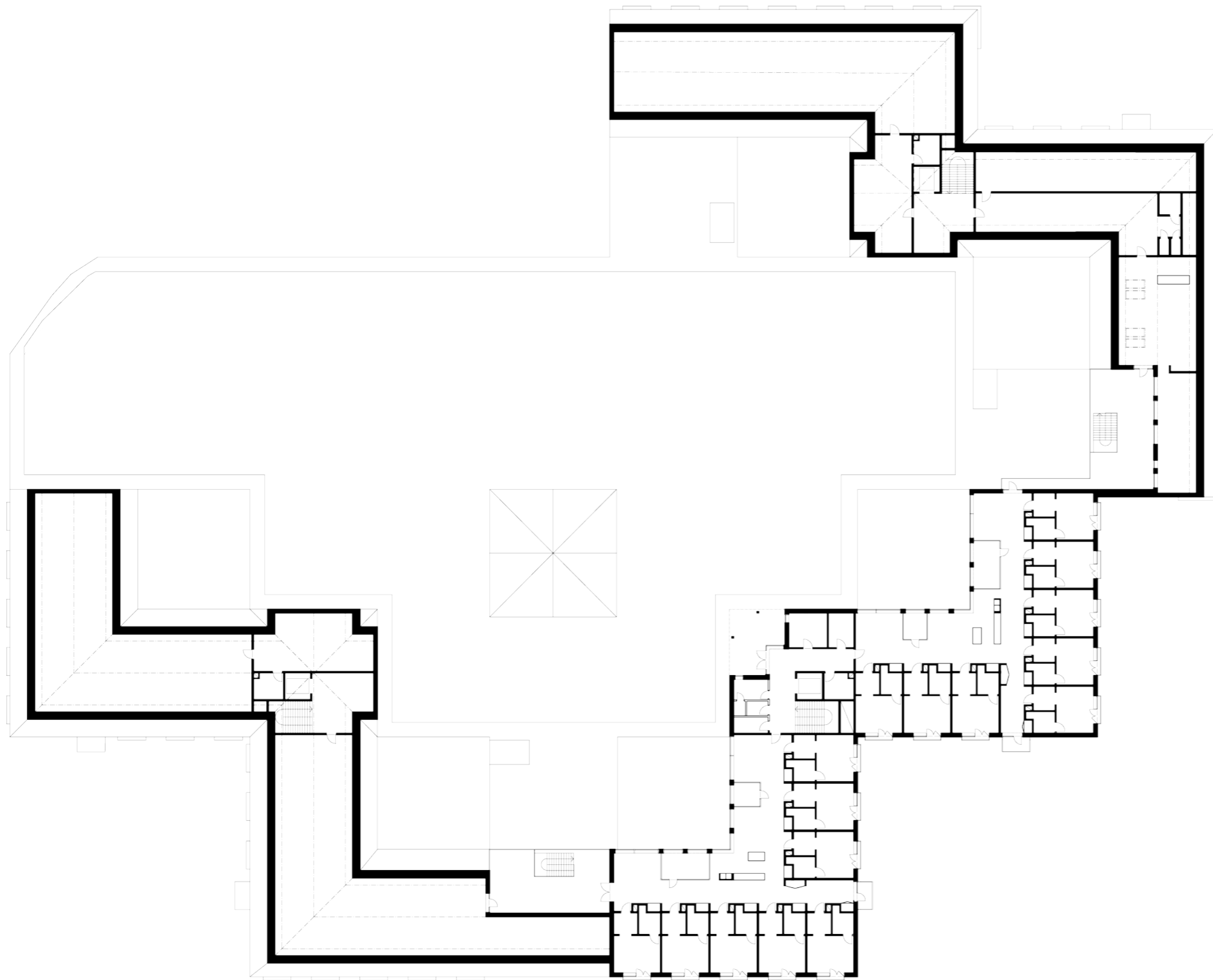
FLOWS



HUB
UNIT

FUNCTIONS

A ↘



THIRD FLOOR 1:500



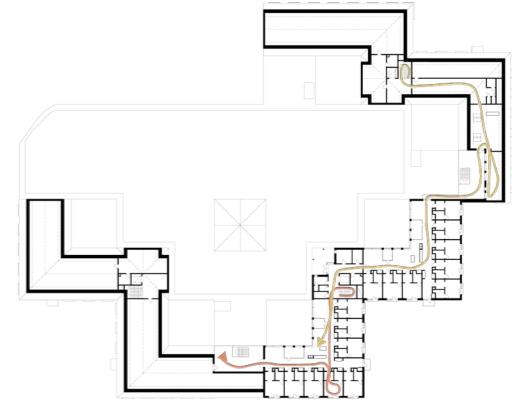
A ↘

THIRD FLOOR

This floor consist of two units, staff room and ventilation.

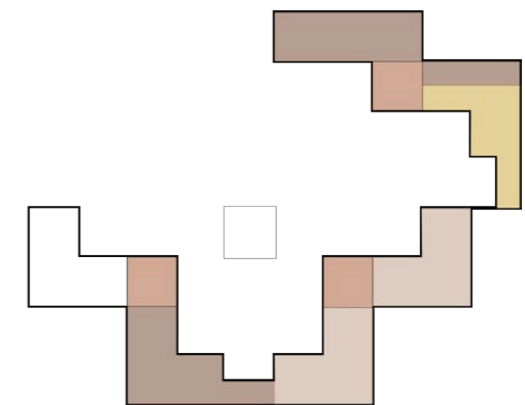
In the hubs that's not connected to the units on this floor are flexible rooms for activities or relaxation.

B ↘



FLows

- RESIDENT
- STAFF



FUNCTIONS

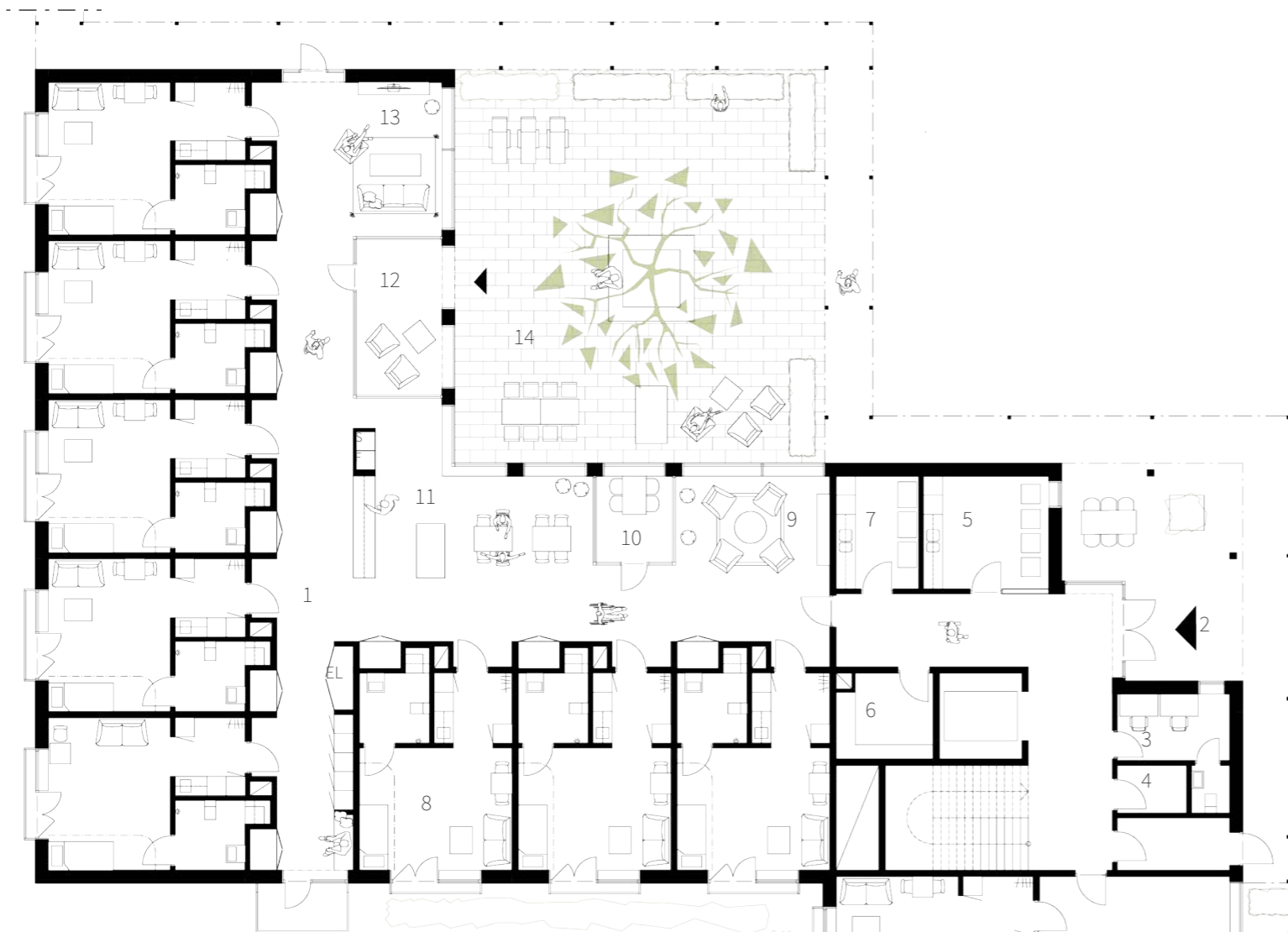
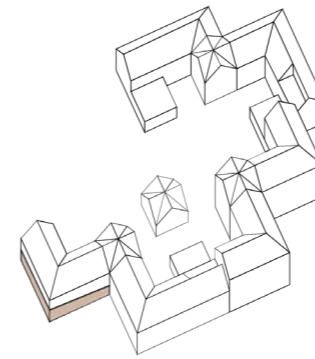
- HUB
- UNIT
- STAFF
- SUPPORT

UNIT

One unit consists of 8 apartments, 2 living rooms, a kitchen and 2 balconies. Functions not for the resident, like laundry and office are located in the hub. These are shared between two units.

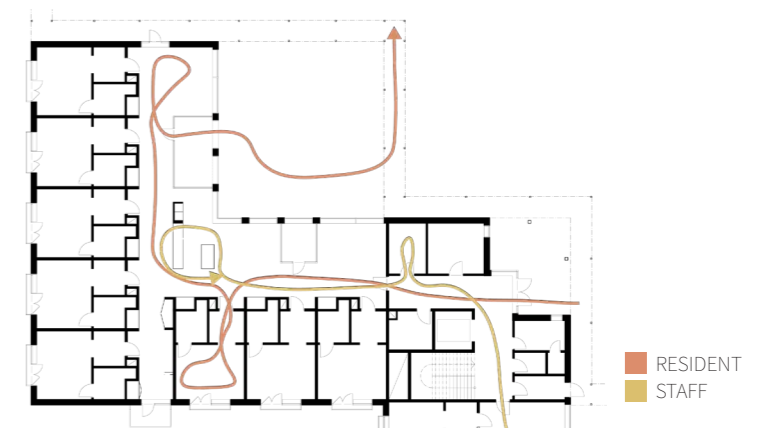
The resident will step out into the common space from their apartment and immediately be able to orient themselves and see other persons. We have tried to create a unit without typical corridors where the balconies work as transparent room dividers, to get easy orientation, less institutional feeling and a more space efficient floorplan.

The residents living on the first floor have a private garden and the other units have shared terraces connected to each other's and the entrance hubs by the walking path. The bridge offers a visual border from the unit gardens to the common courtyard on the first floor.



- 1. UNIT
- 2. MAIN ENTRANCE
- 3. OFFICE
- 4. CLEANING
- 5. LAUNDRY
- 6. STORAGE
- 7. DESINFECTATION/WASTE
- 8. APARTMENT
- 9. SEATING AREA
- 10. GLAZED BALCONY
- 11. KITCHEN/DINING
- 12. OPEN BALCONY
- 13. TV-AREA
- 14. UNIT GARDEN

UNIT 1:200



FLows



FUNCTIONS



PERSPECTIVE - UNIT



PERSPECTIVE - UNIT GARDEN



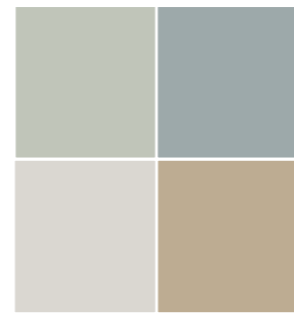
CEILING



FLOOR



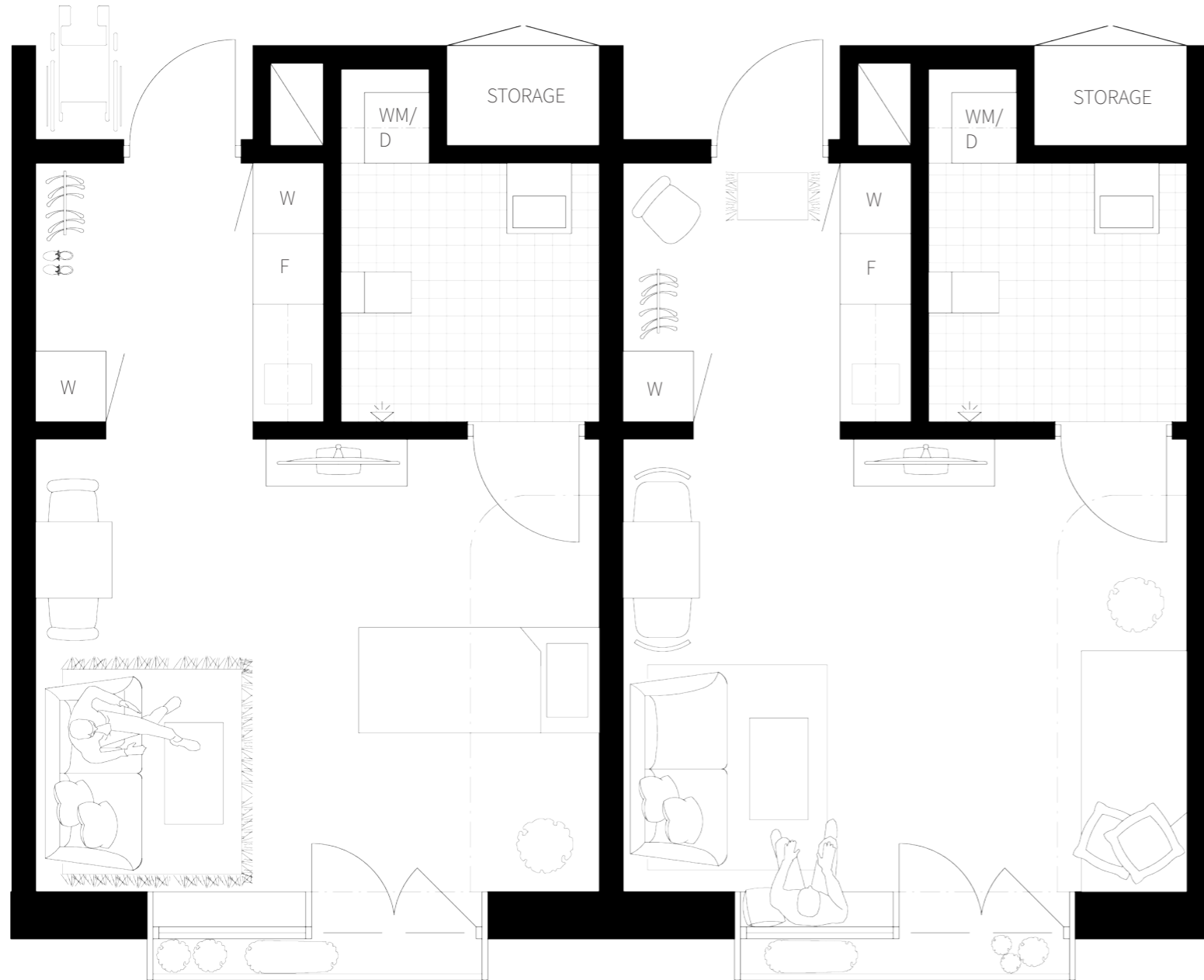
DETAILING



WALLS

SINGLE ROOM APARTMENT

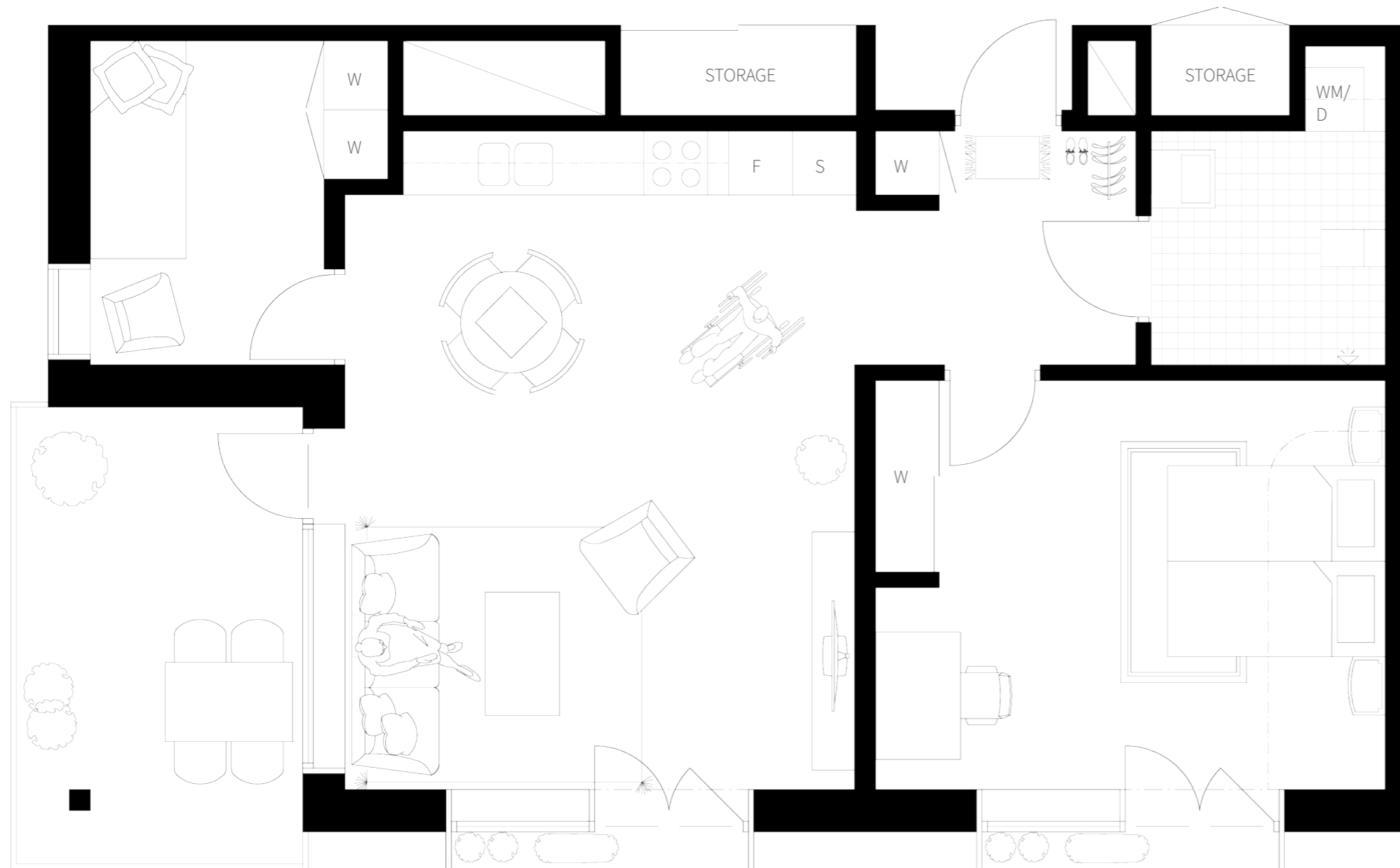
The residents enter their apartment via a niche, that gives the apartment a more private entrance with space for a walker or some personal things, that can help residents to find their way. The single room apartment is 31 m² and consists of an entrance with storage and a small kitchenette, and a bigger room for rest and activity. The window framing with the French balcony offer a possibility to open up and get closer to the outside, to sit in the window and have your own flowers outside. If the resident is in need of more assistance, it's possible to turn the bed to get more space around it. A storage for the resident is located outside the apartment.



SINGLE ROOM APARTMENT 1:50
31 m²



PERSPECTIVE - SINGLE ROOM APARTMENT



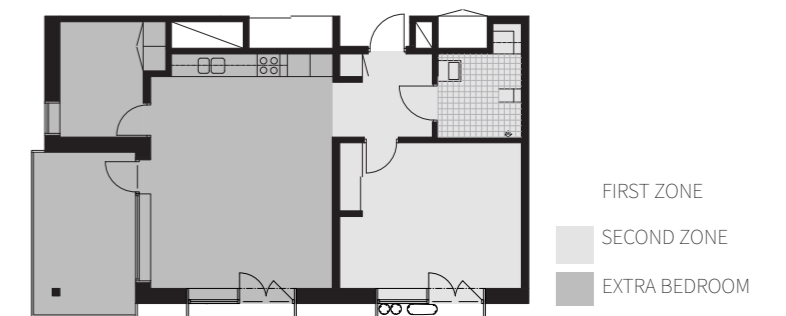
THREE ROOM APARTMENT 1:50
69 m²



COUPLE'S APARTMENT

The couple's apartment is 69 m² and is divided into two parts. If the person that suffer from dementia is very ill, he or she will have the first part with a big bedroom and closeness to the bathroom, while the healthy person has the second part with a big living room/kitchen, a smaller bedroom and a big terrace.

The size of the first part is the same as the single room apartment and could therefore be transformed if needed.



PHYSICAL MODEL

