

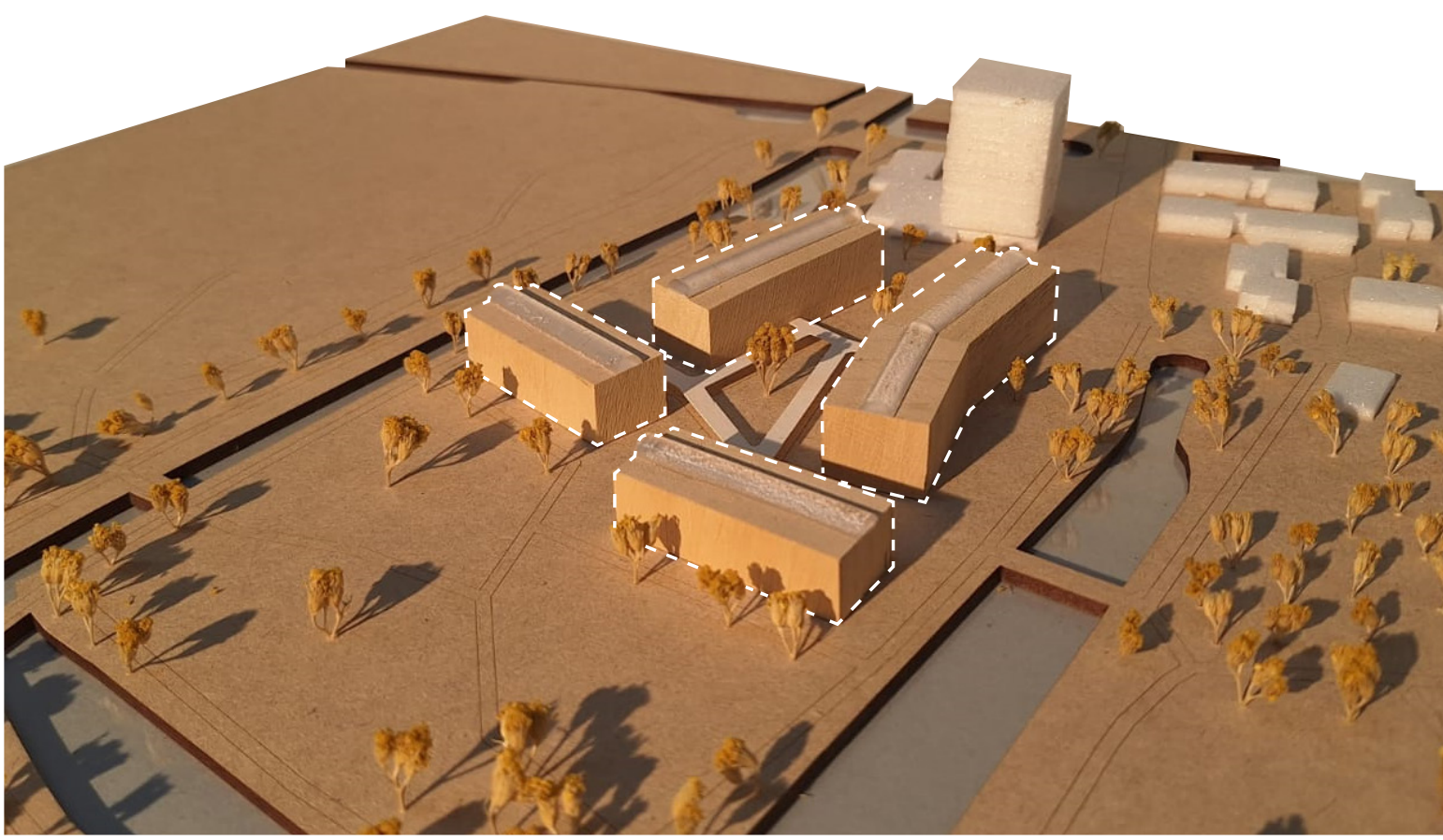
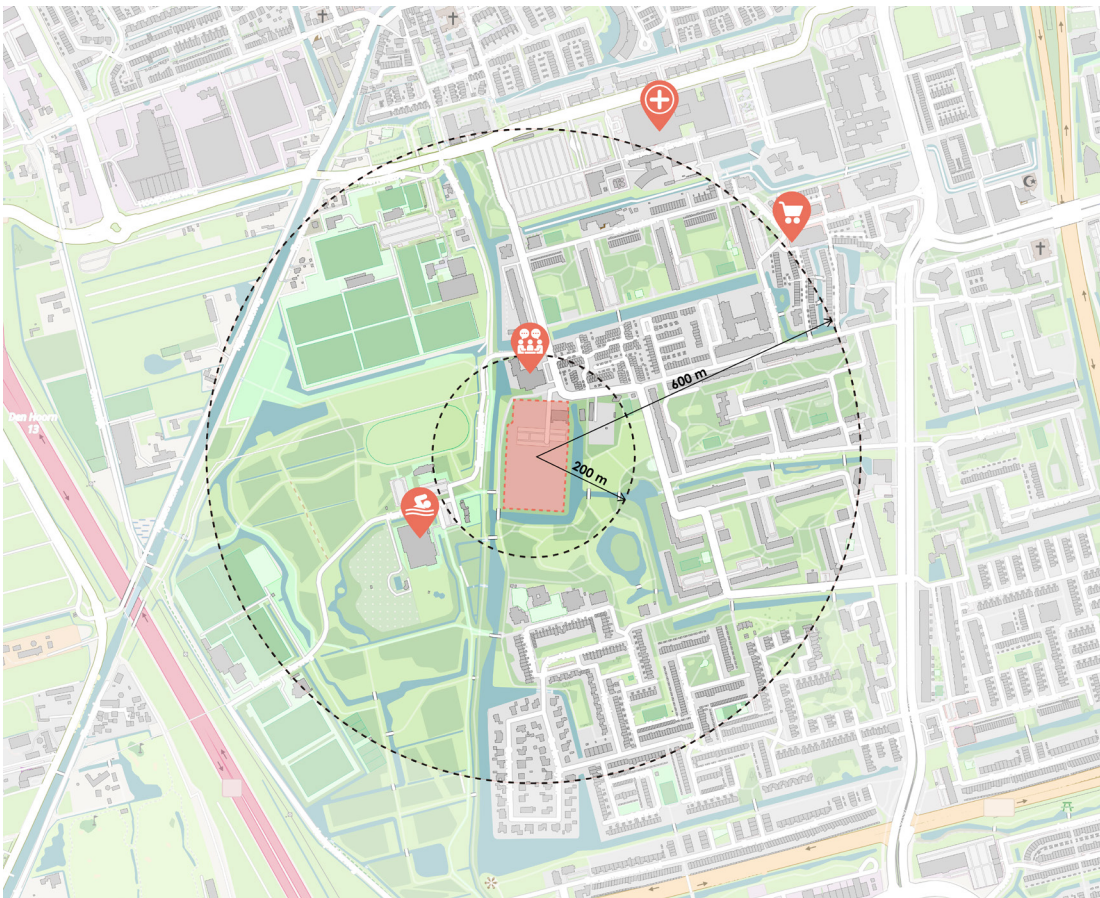
Design for couples with dementia

Studio health and care in the built environment

Muriël de Ridder

Urban plan

Buithof Delft



Program

The atrium is used as a meeting spot for the inhabitants. Here they can meet others that are in the same situation (having a partner with dementia) as them. They can help each other out, and that way be less dependant on external care and be more self sufficient.

Inhabitants of the 1 person apartments might have a partner that lives in a dementia living group. Because they live in the same building, it is easy for the unaffected partner to visit their partner with dementia.

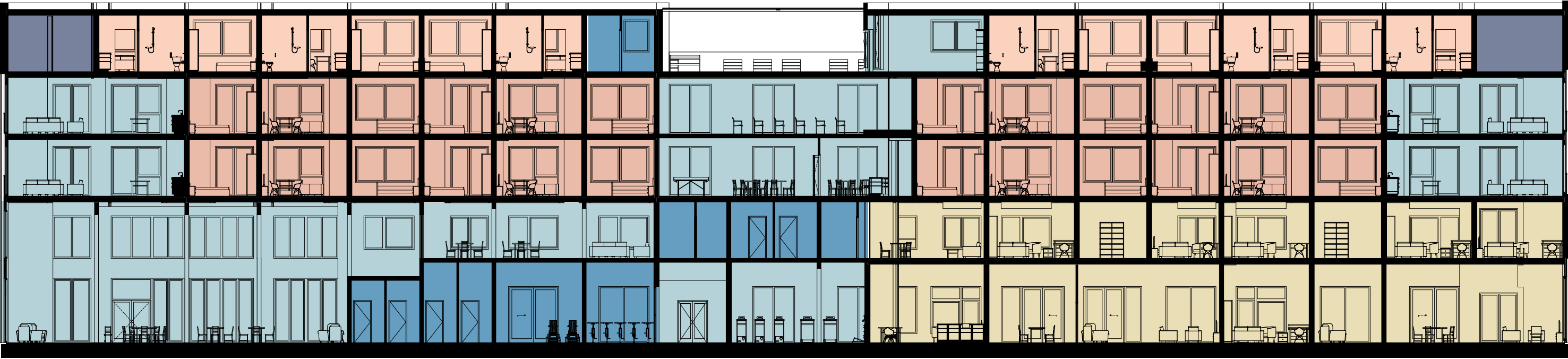
Public and shared functions, such as a shared living room and a repair cafe, encourages people to practice hobbies to stay busy and meet others.



Section

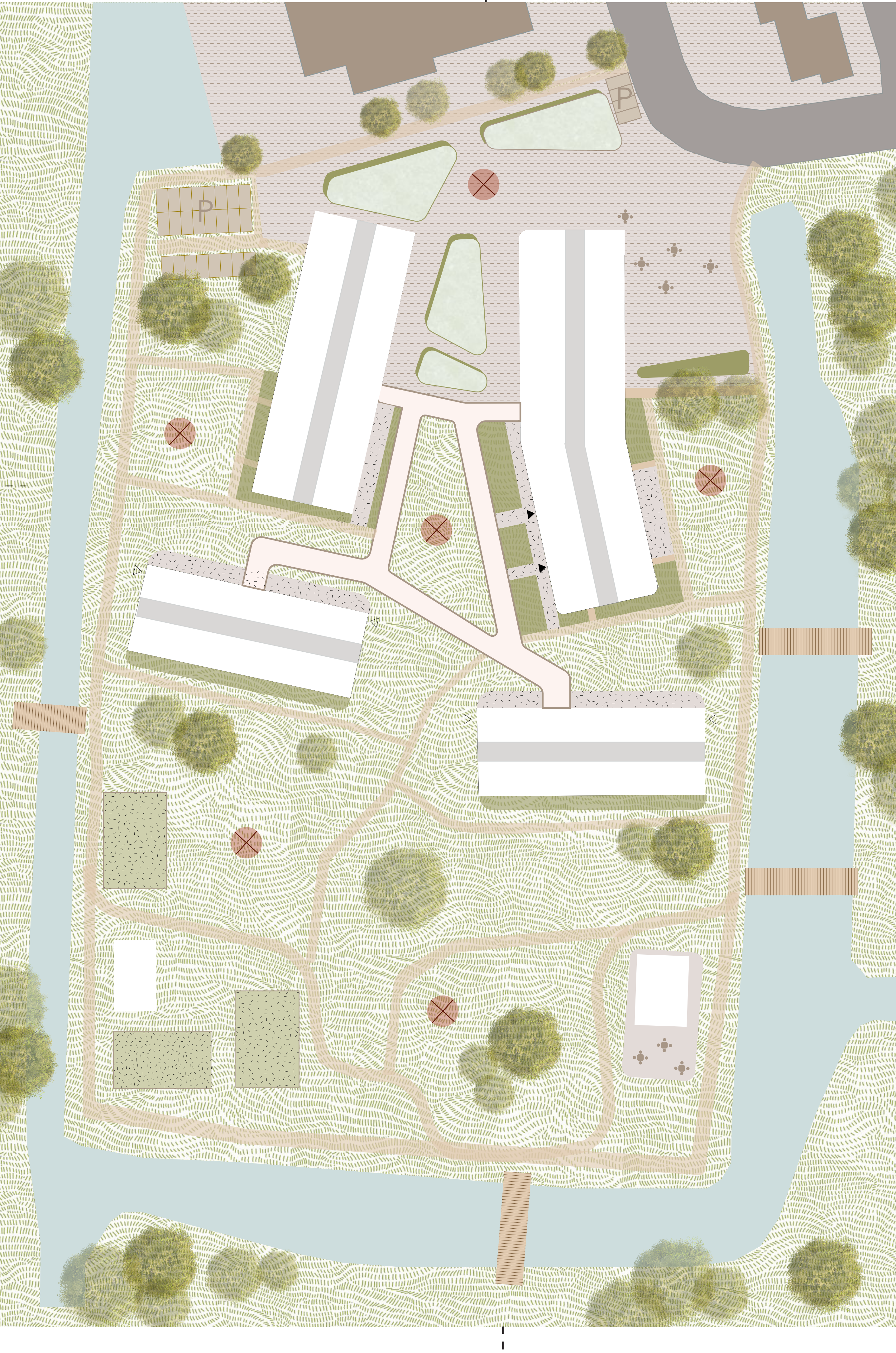
scale 1:200

- Technical room
- Storage space
- Communal/public space
- Dementia living groups
- 1 person elderly apartment
- 2 person apartment



Landscape plan

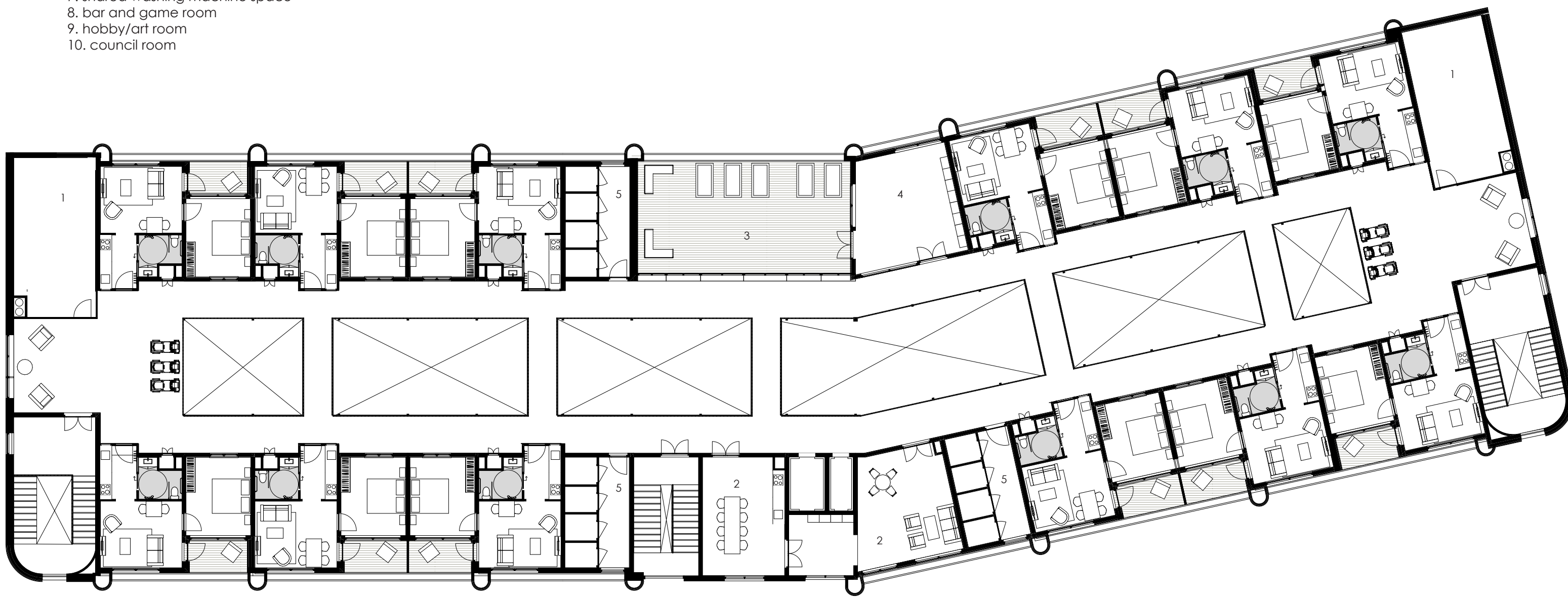
Scale 1:500



Floorplans

Scale 1:200

- 1. technical room
- 2. common room
- 3. roof terrace
- 4. 'garden' house
- 5. storage space
- 6. concert/ performance space
- 7. shared washing machine space
- 8. bar and game room
- 9. hobby/art room
- 10. council room



Fourth floor

+13500



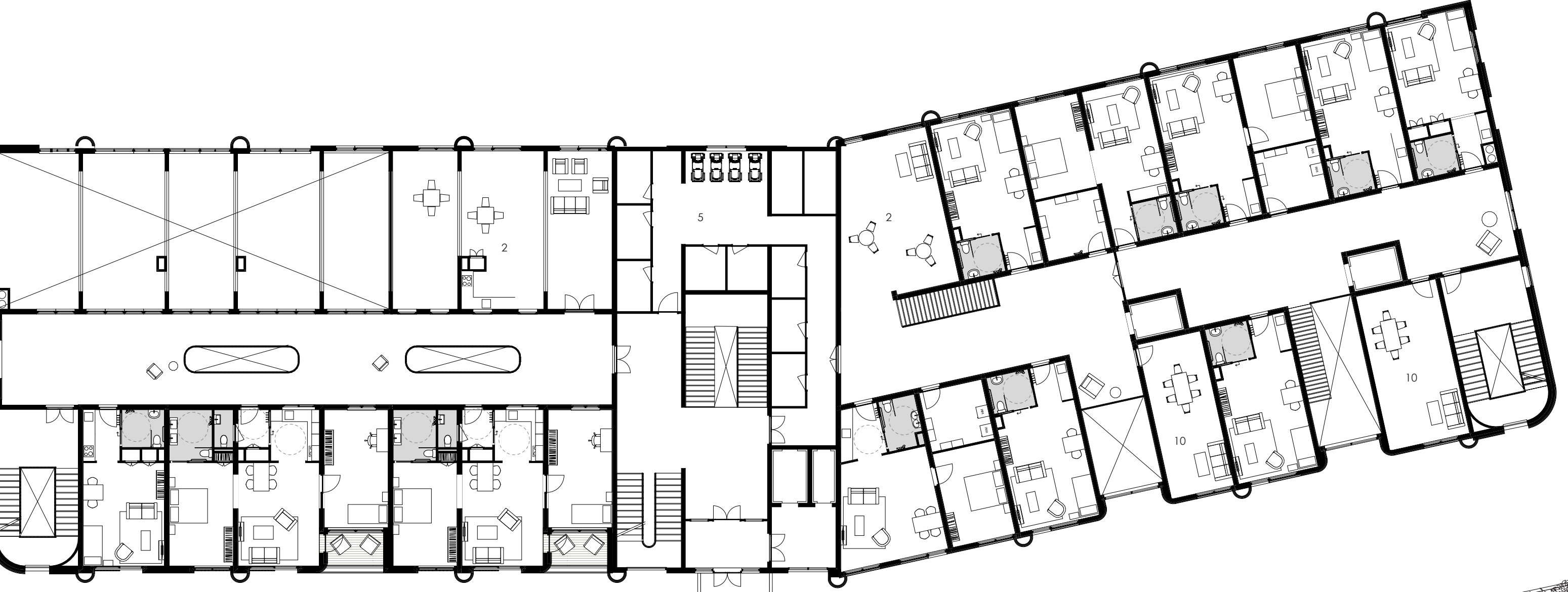
Third floor

+10400



Second floor

+7300

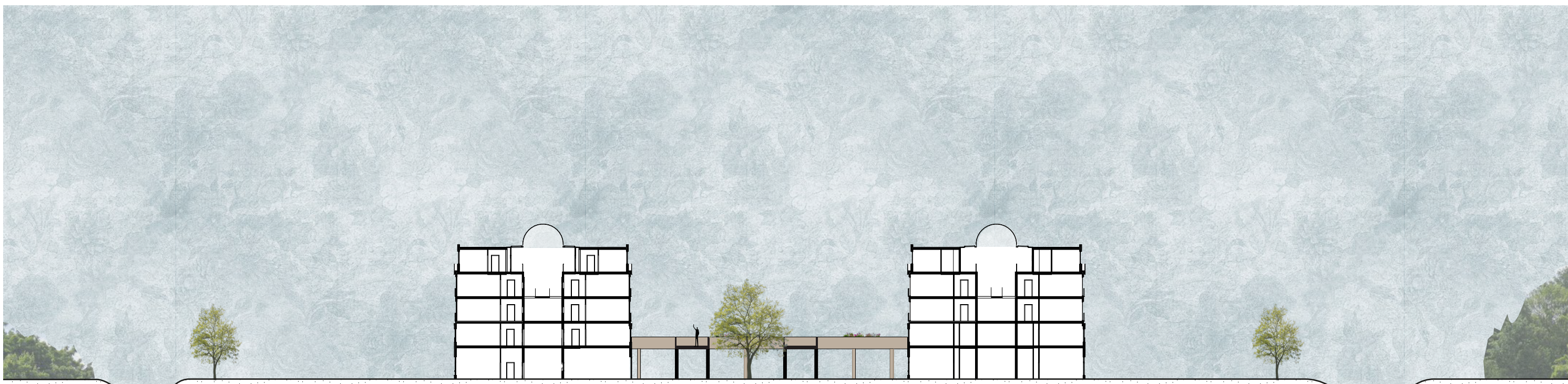


First floor

+4200

Landscape section

Scale 1:500



Section W-E

Ground floor
0

1. cafe

2. chair practice room

3. chatting and bijou room

4. repair cafe

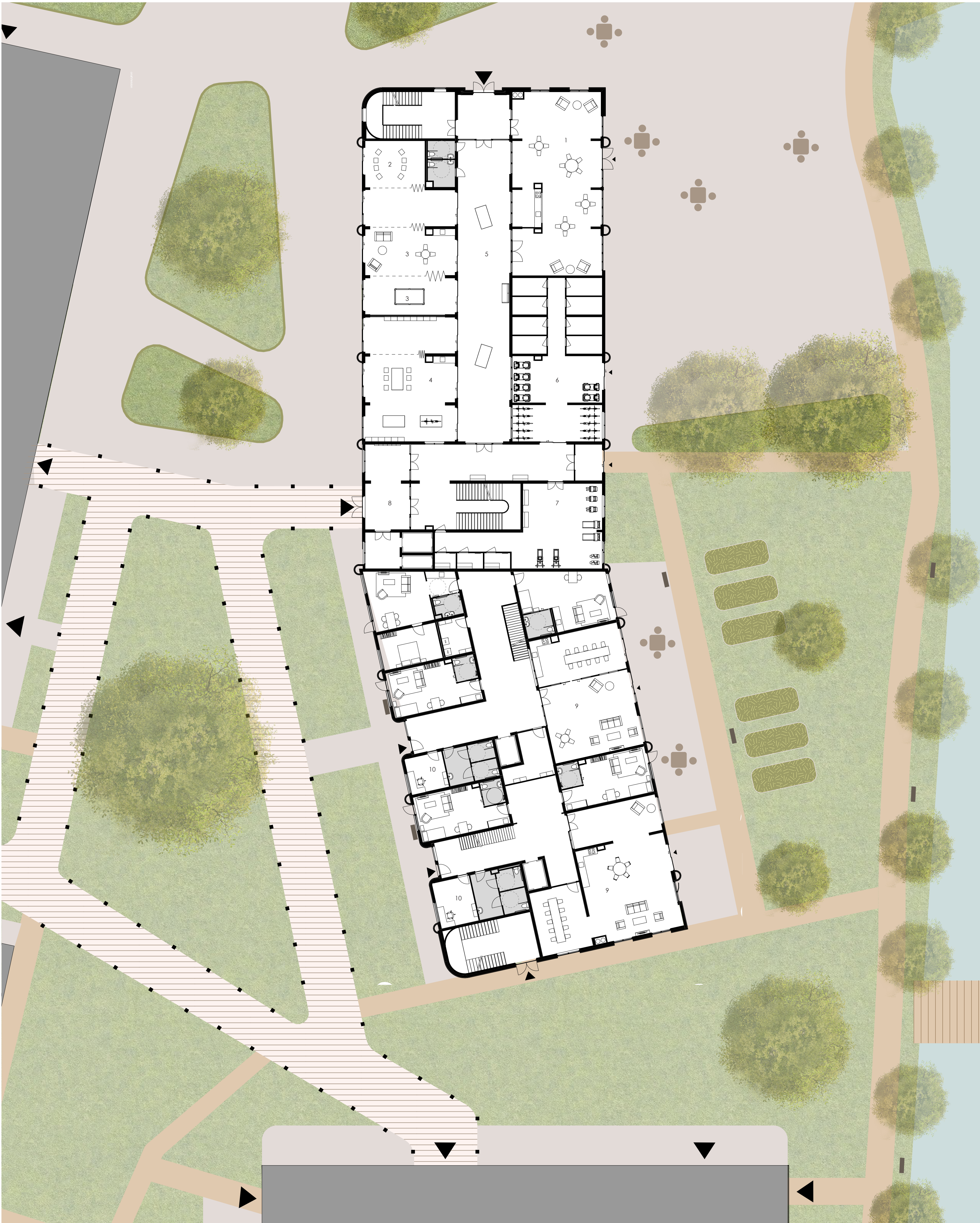
5. 'maakstraat'
6. charge space for mobile scooter and electrical bikes

7. gym/physiotherapy

8. main entrance with mailboxes

9. communal living room

10. room for staff



Impressions exterior



Entrance dementia living groups



Facade and elevated walkway



Front square from street

Facades

Scale 1:200



East facade



South facade



West facade

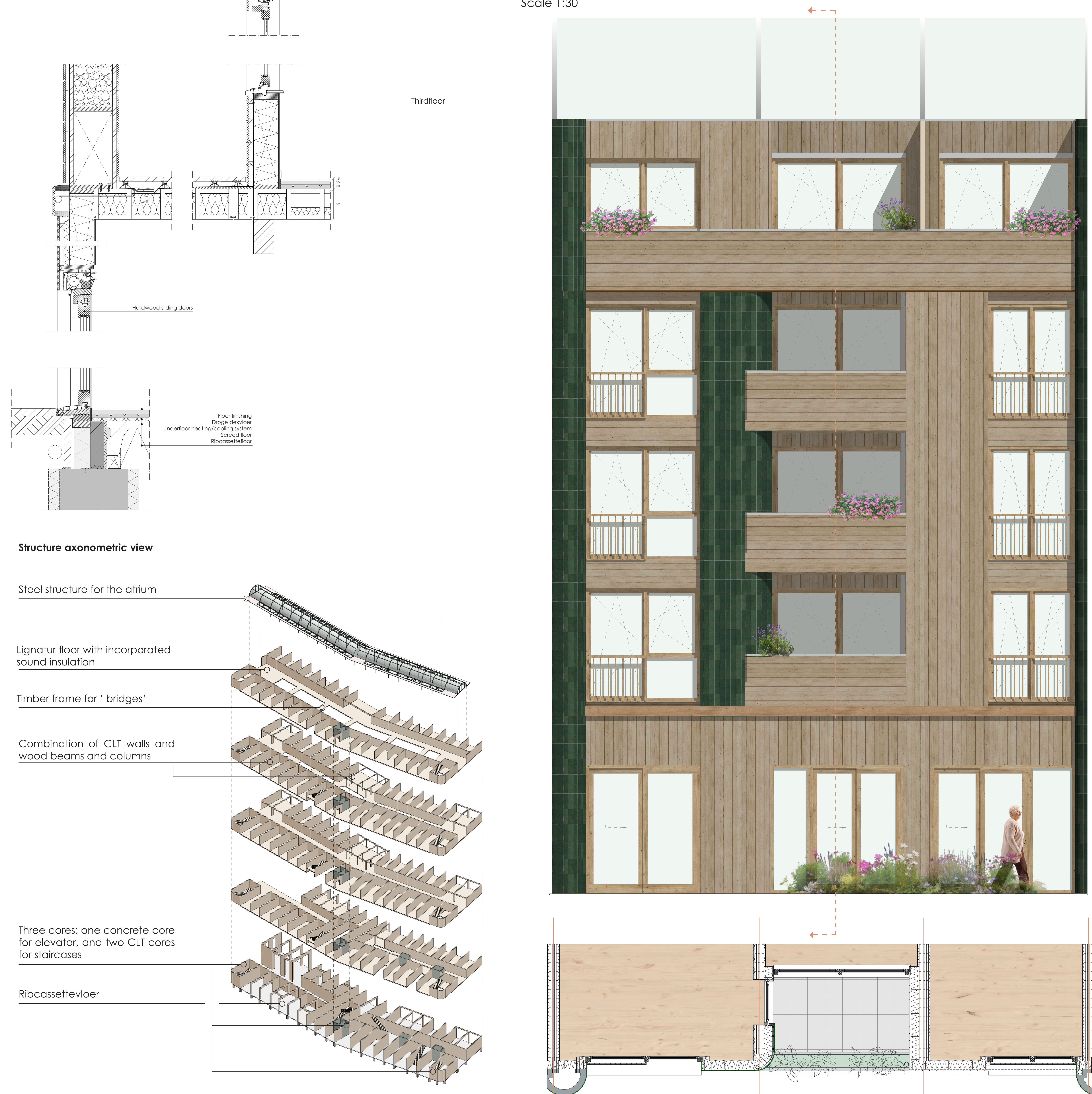
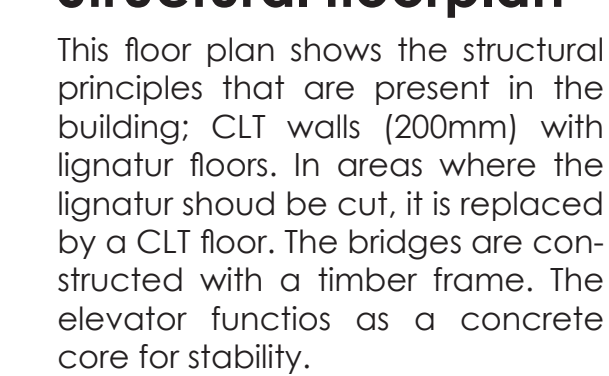


North facade

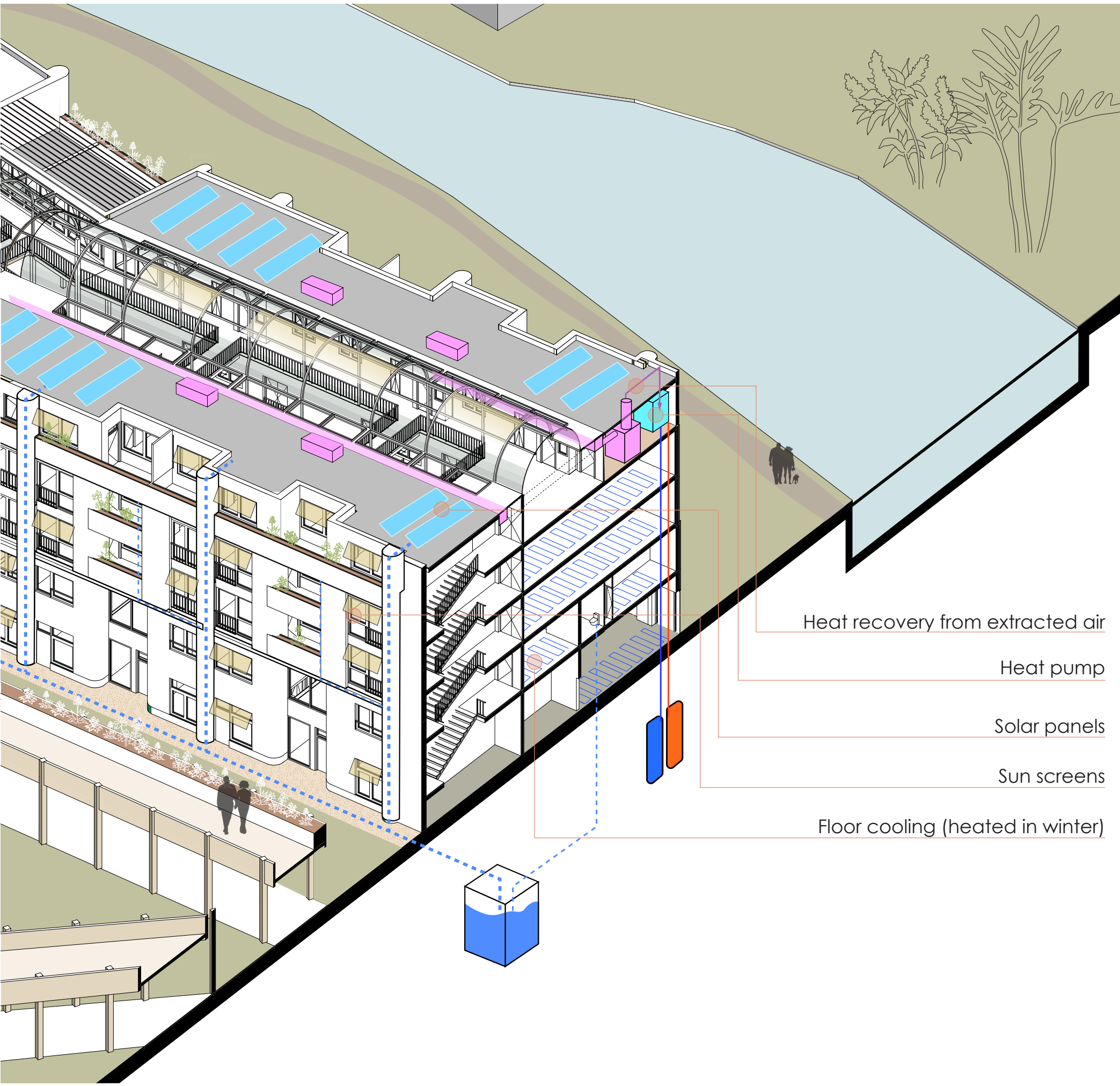


Section N-S

Scale 1:10



Climate scheme (summer)

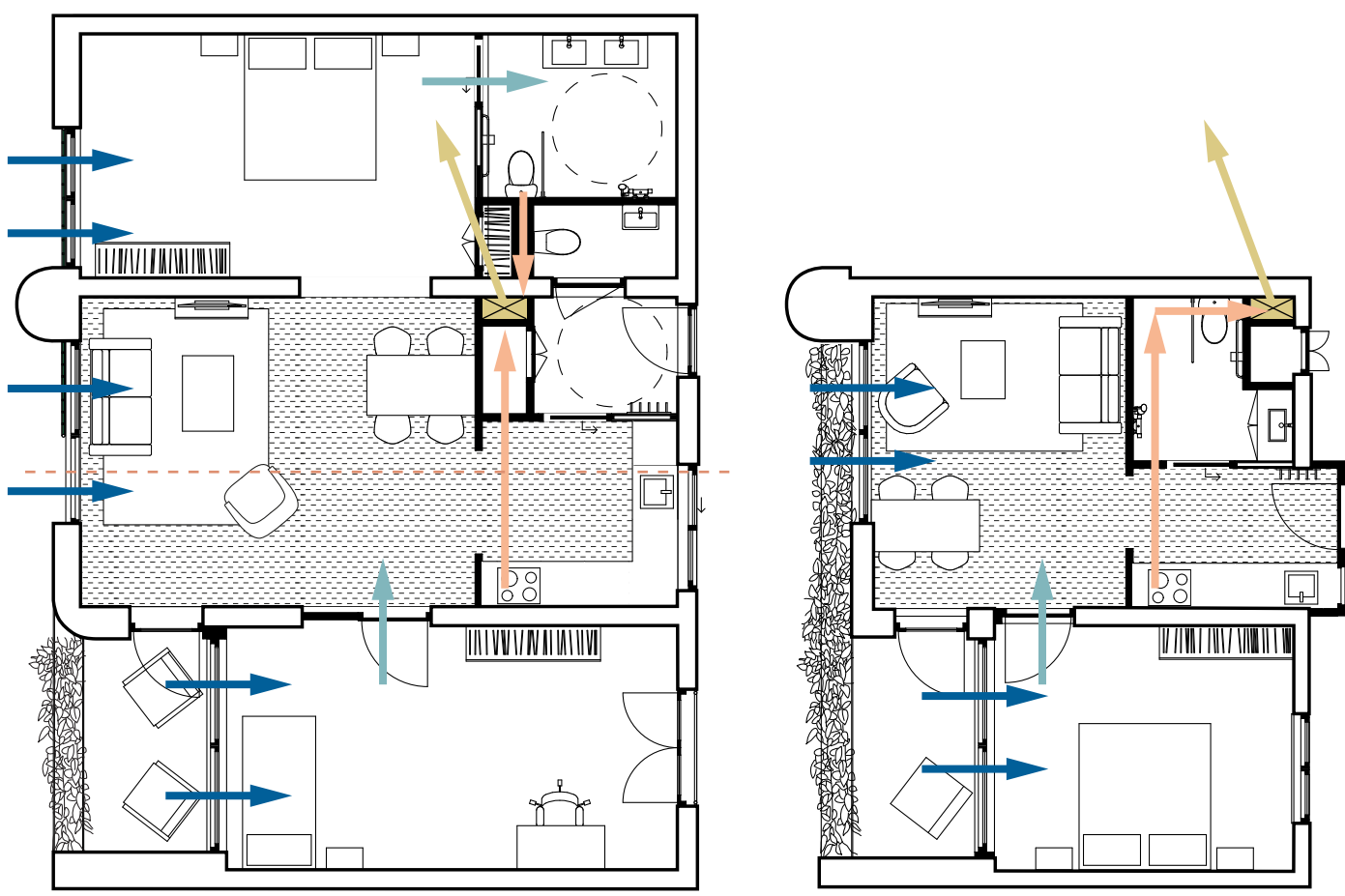


Ventilation floorplans

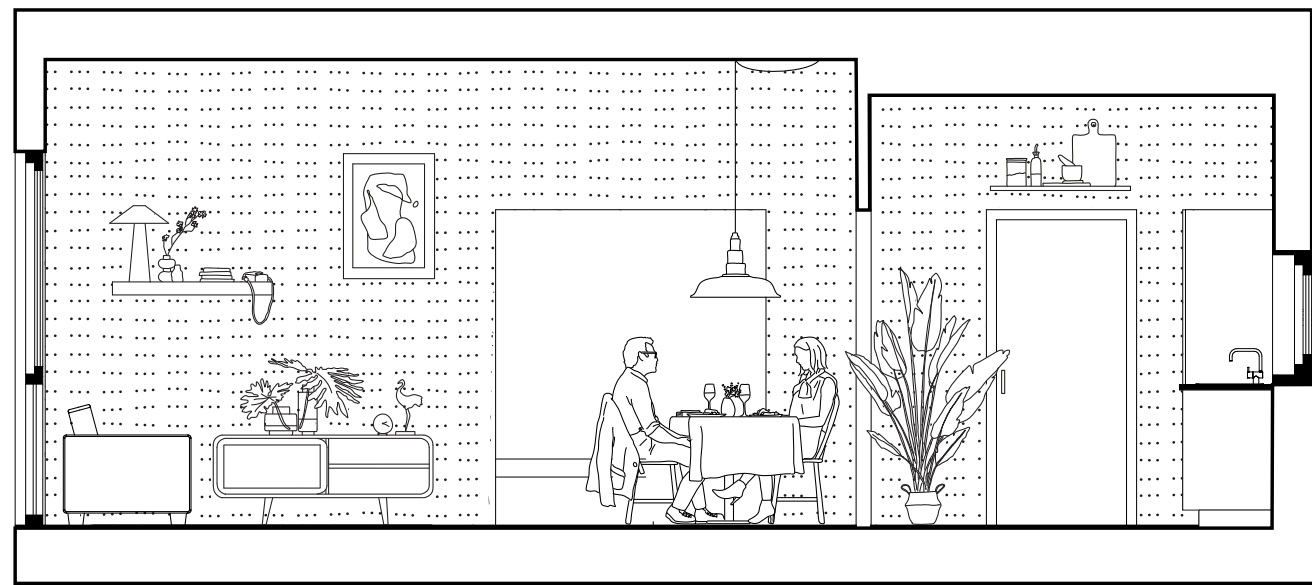
Scale 1:100

Lowered ceiling in bathroom and kitchen to hide ventilation pipes and to make a separation from living room

Ventilation type C for apartments
Mechanical ventilation in core



Section 2 person apartment

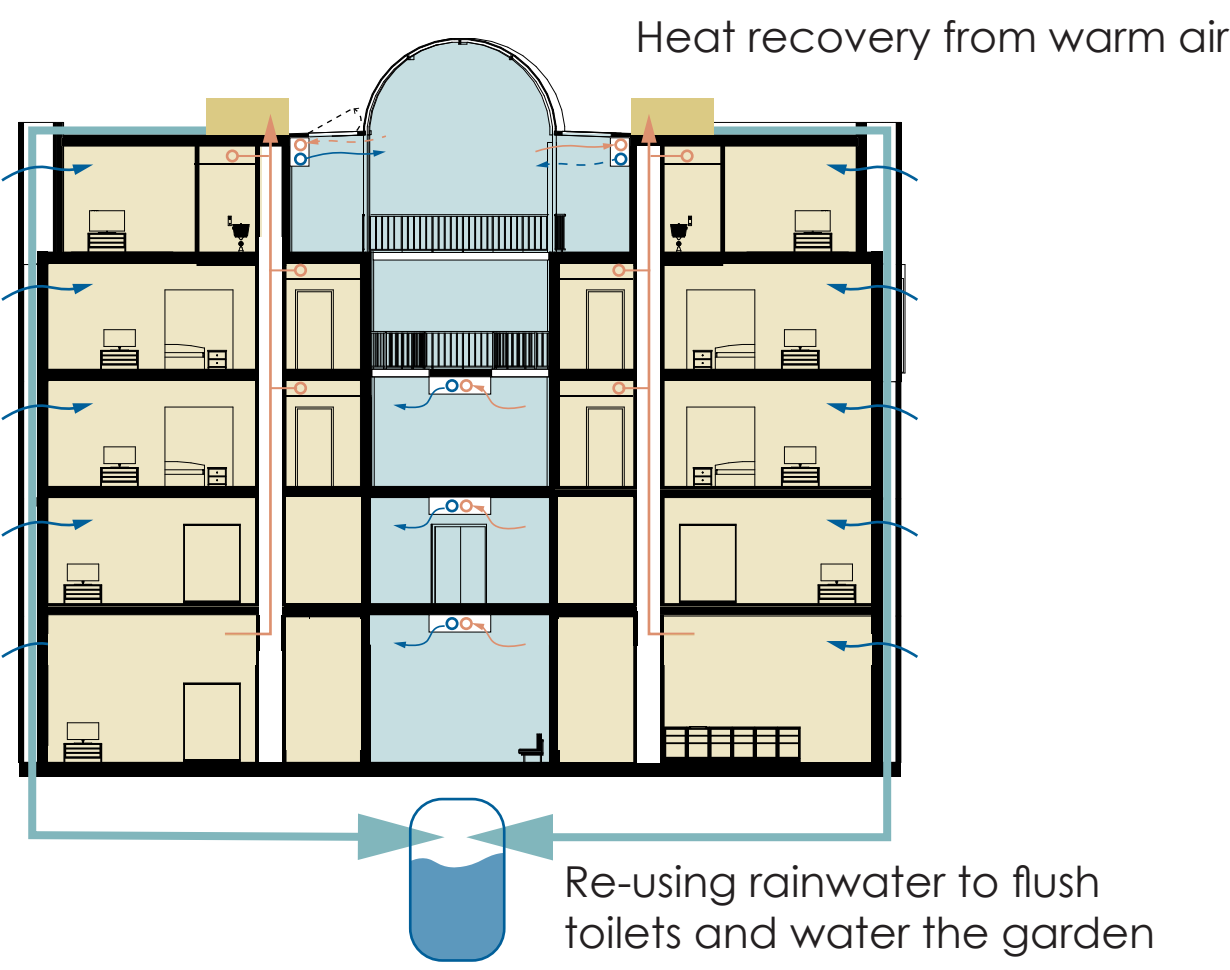


Ventilation and water drainage

Scale 1:100

■ Mechanical out

■ Mechanical in + out

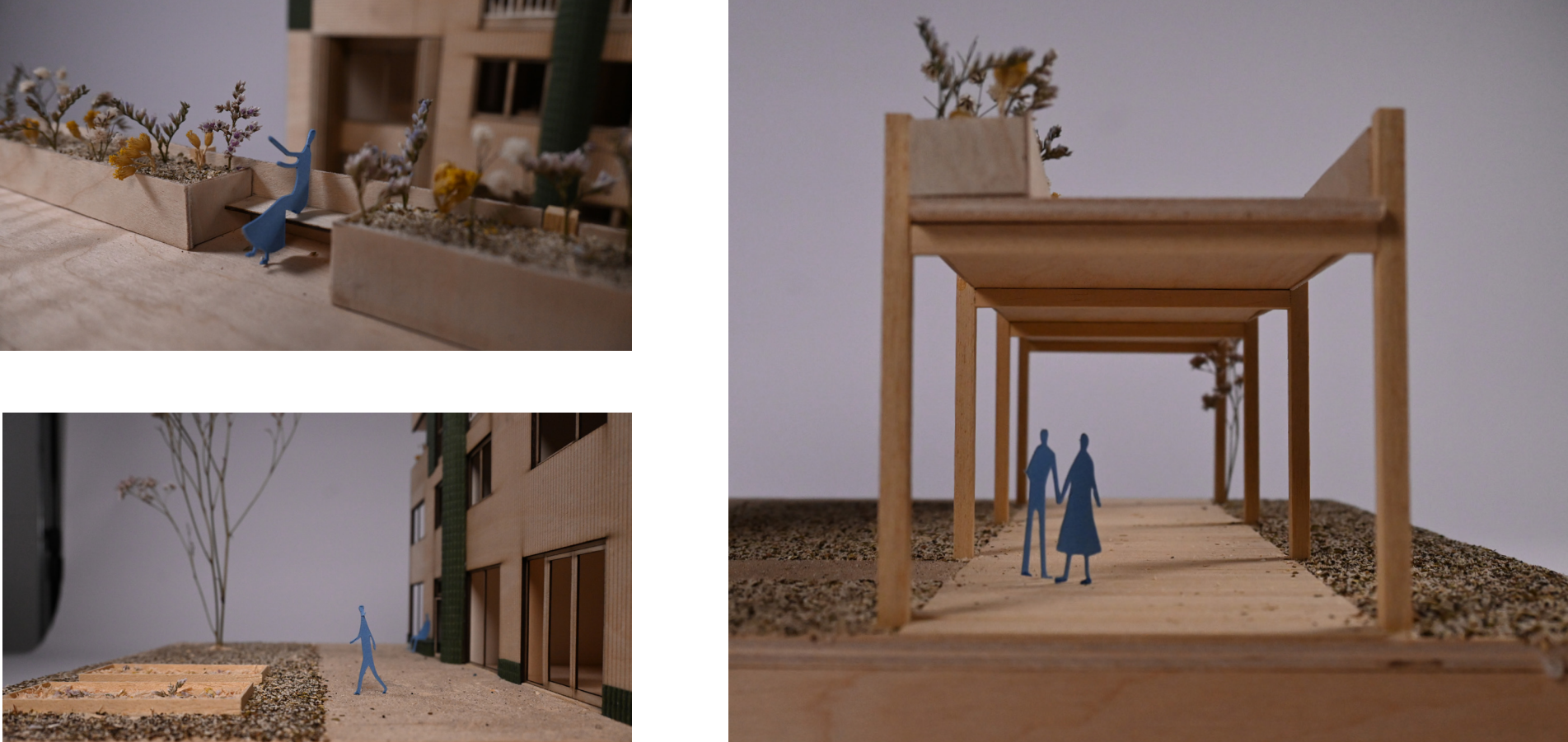


Model

Facade



Landscape



Atrium

