

WAYS OF DWELLING

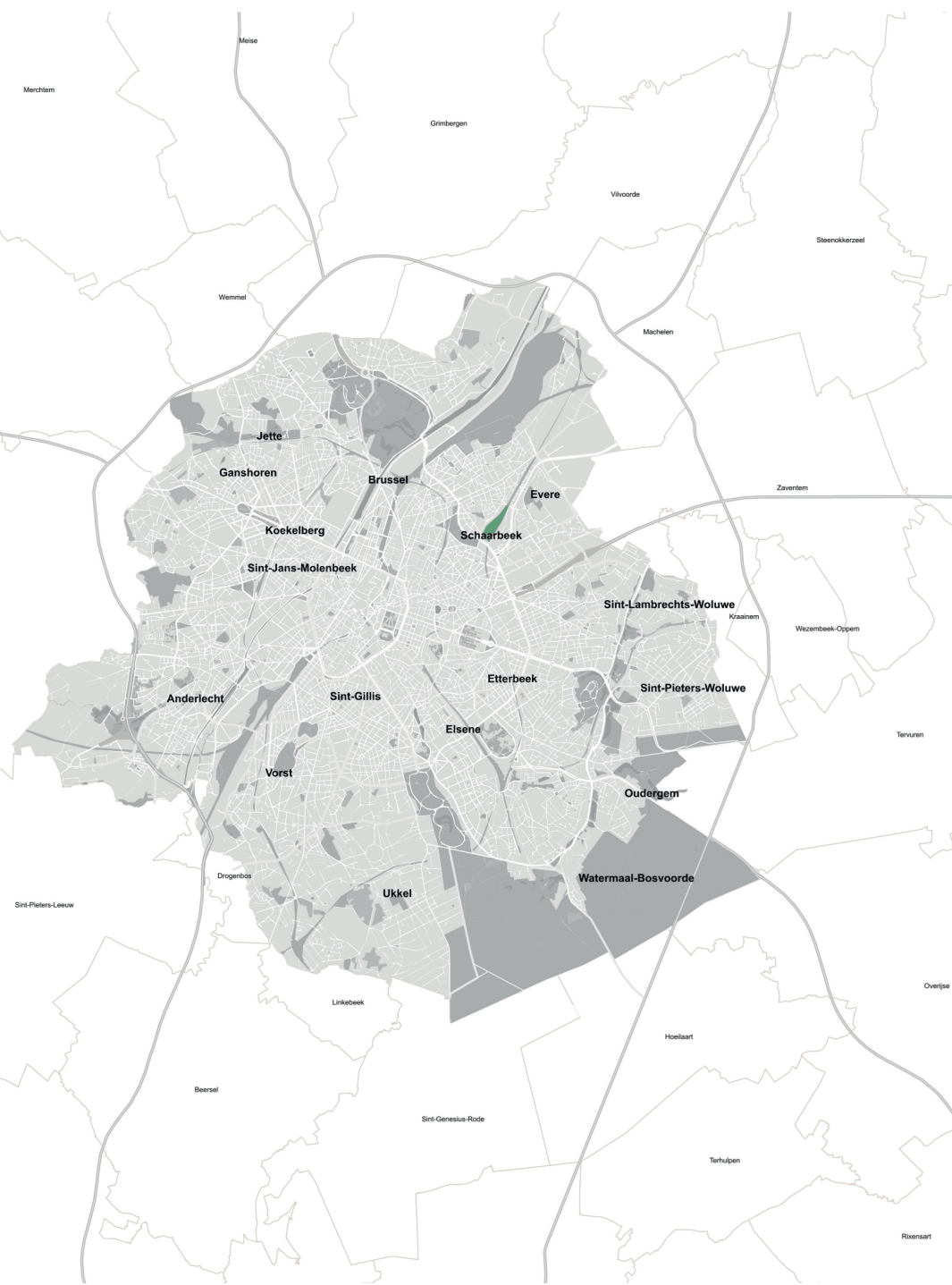
a neighbourhood with a hospice and multi-generational living
research on the ways of dwelling of my grandparents



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P5 Graduation Presentation
20 June 2024

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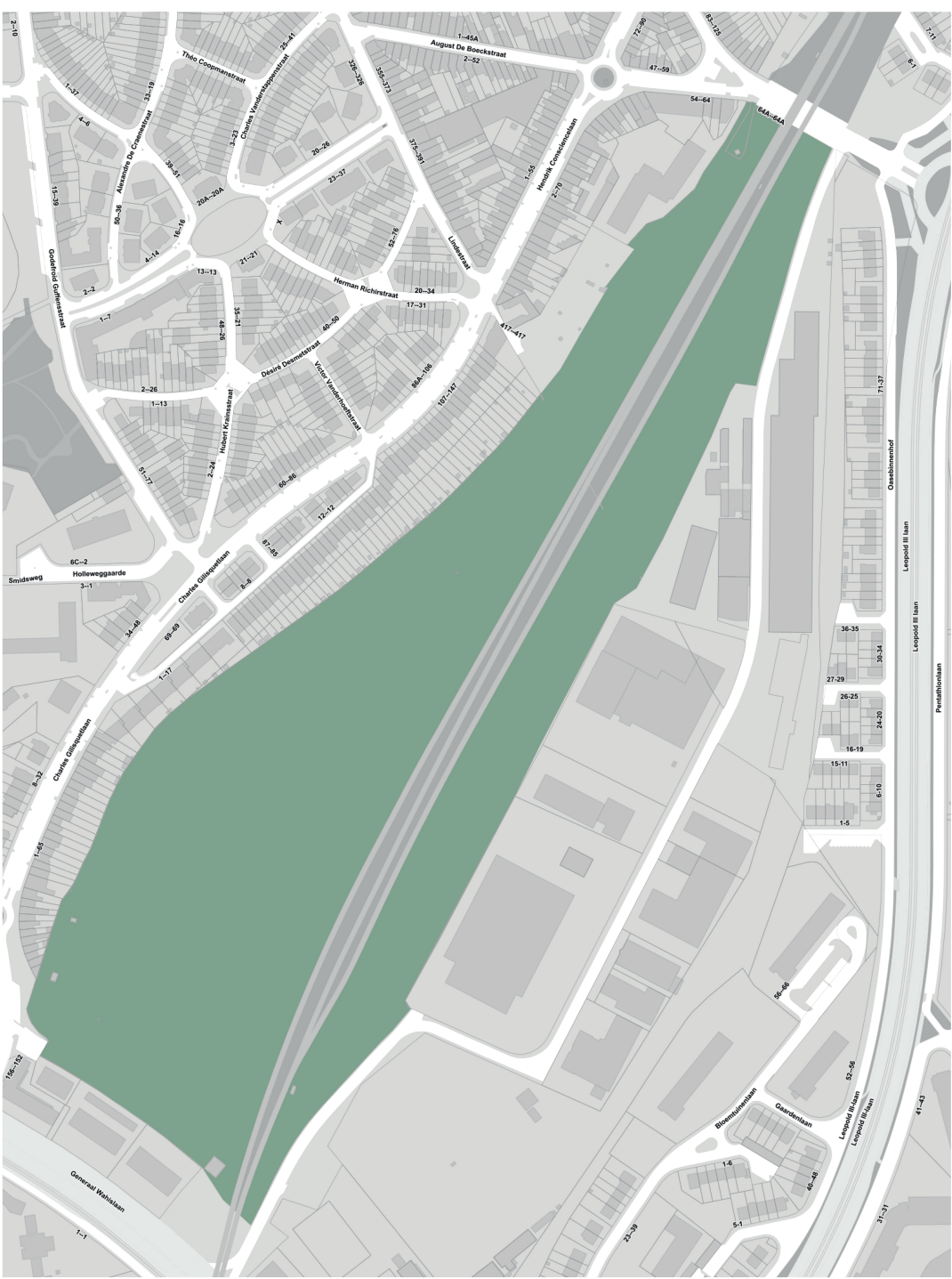
context



Brussels



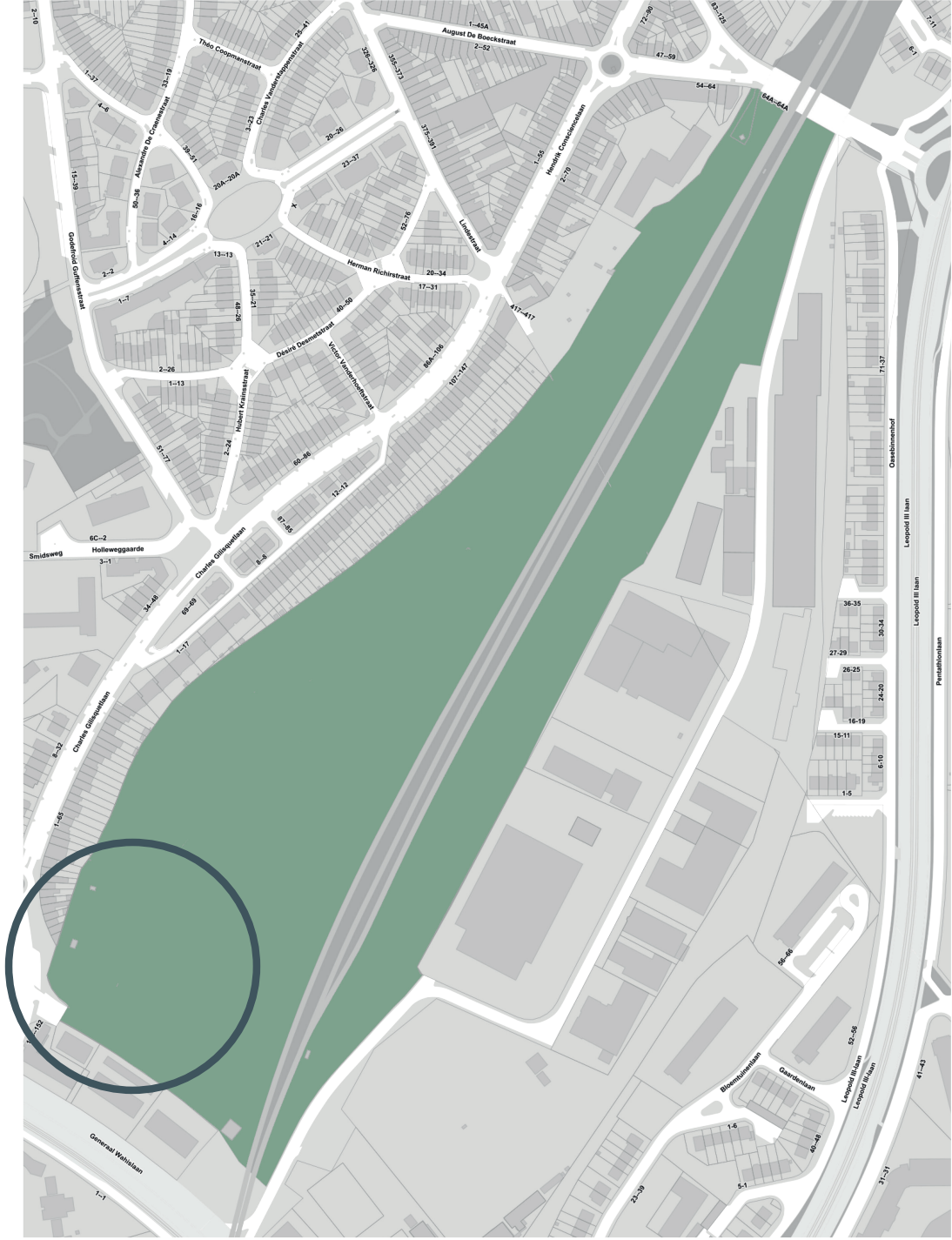
Schaerbeek



Friche Josaphat



Josaph'Aire - The Friche as a neighbourhood that creates **solidarity, intercultural and intergenerational dynamics**

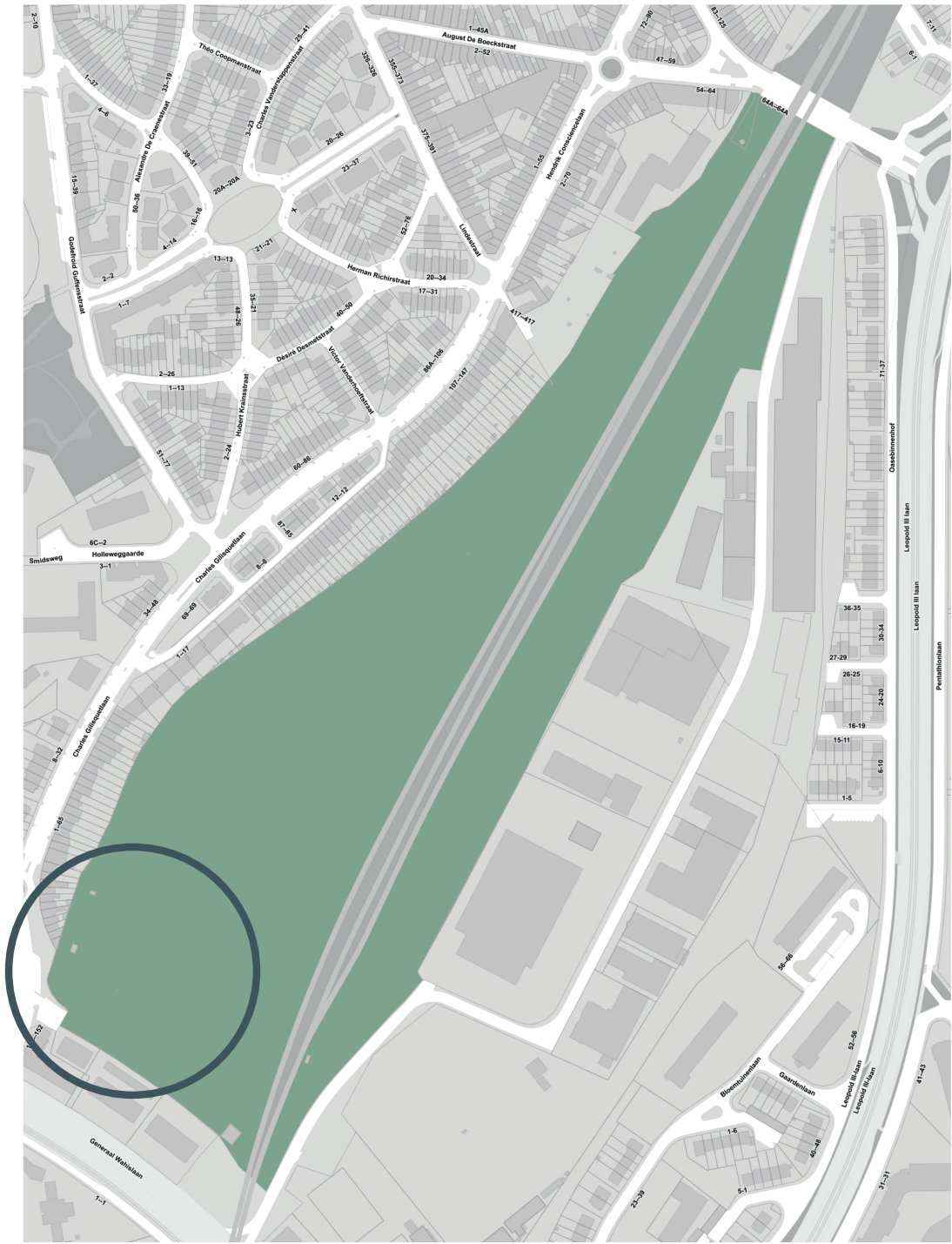


Friche Josaphat

the site

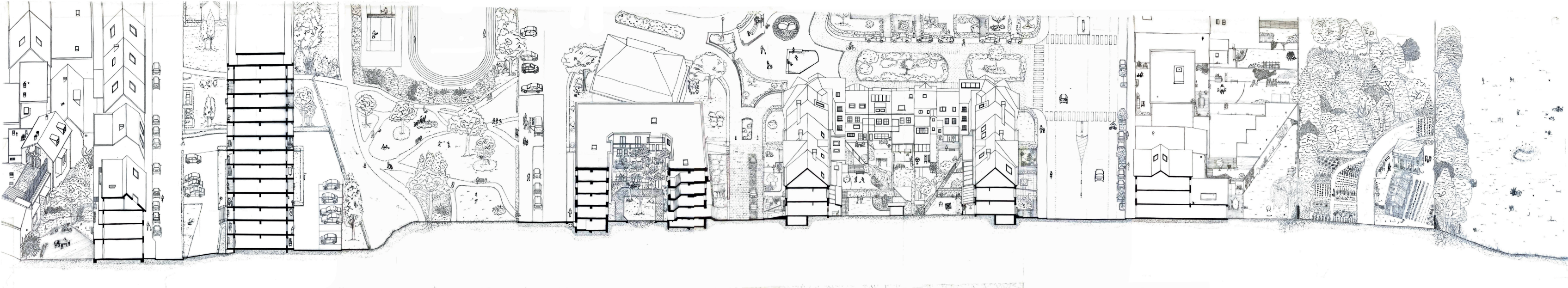


design location



Friche Josaphat

preliminary work



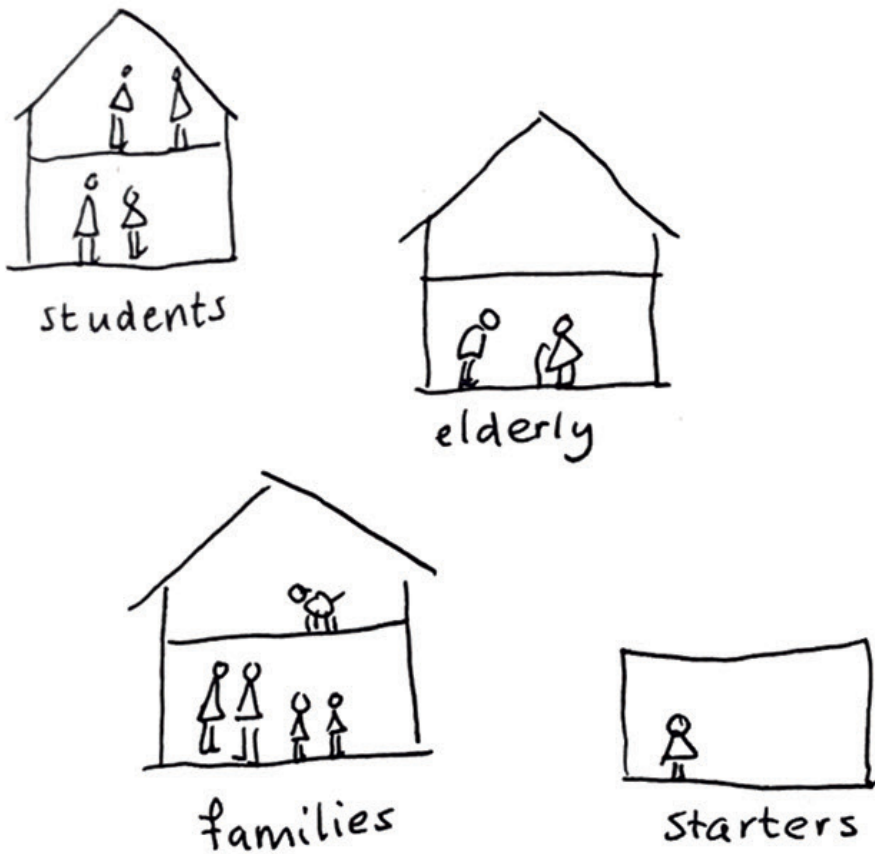
human scale nalysis of Garden City Terdelt



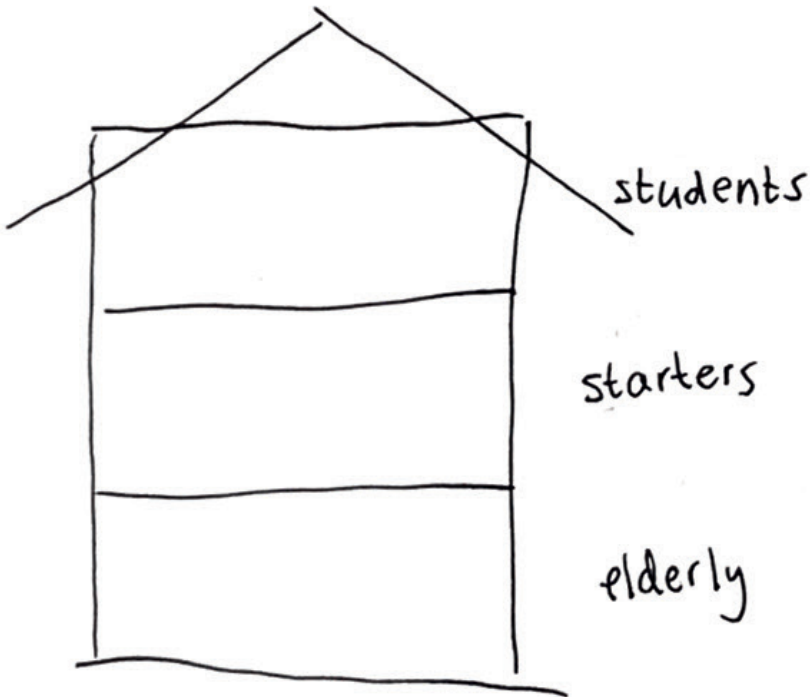
source: Context News - "Sluit de deuren niet voor solidariteit"

the solution

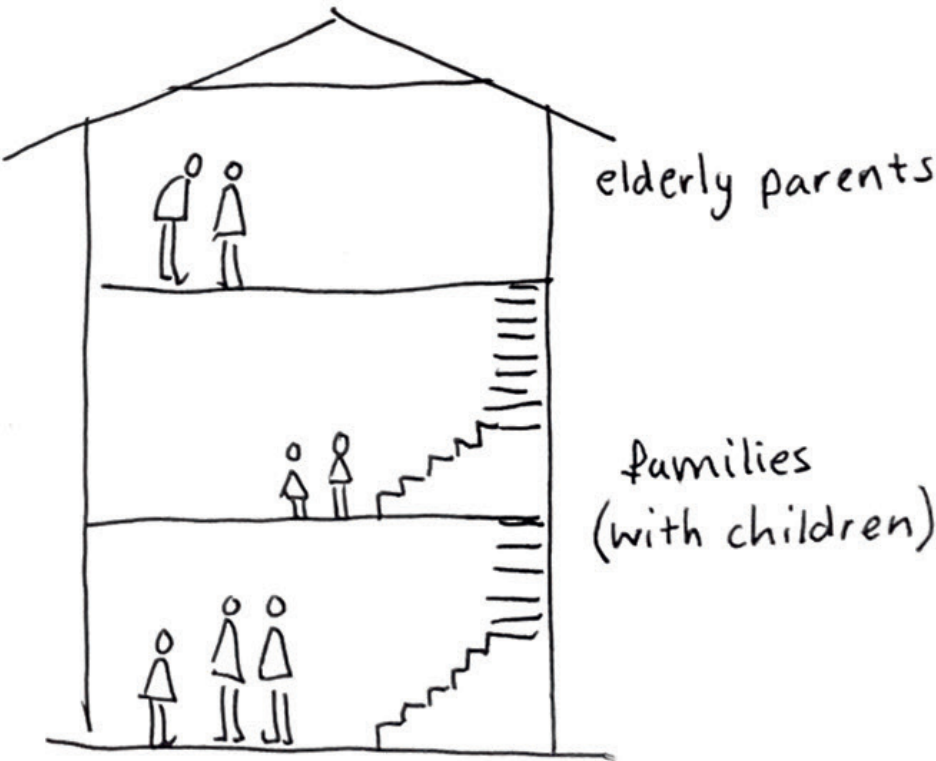
current situation



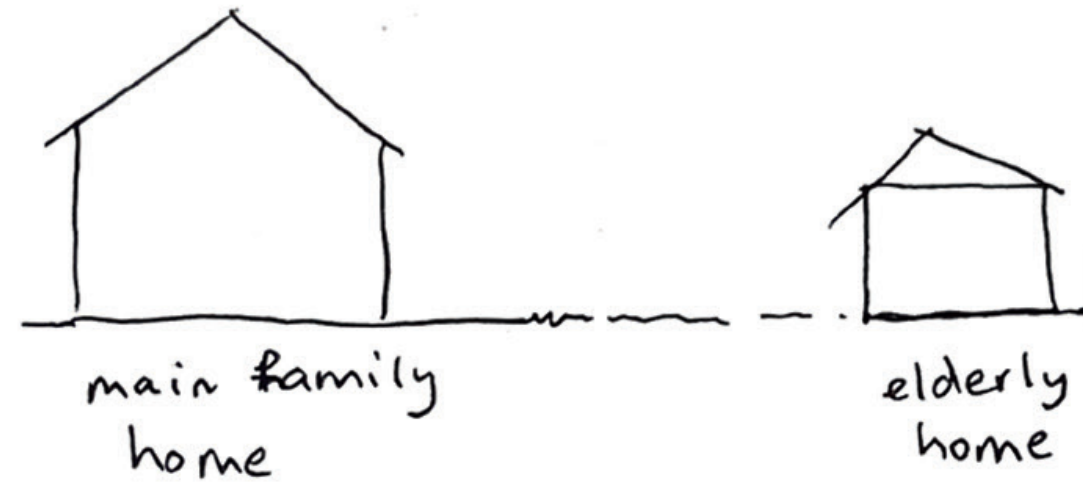
desired situation



previous situation until 19th century



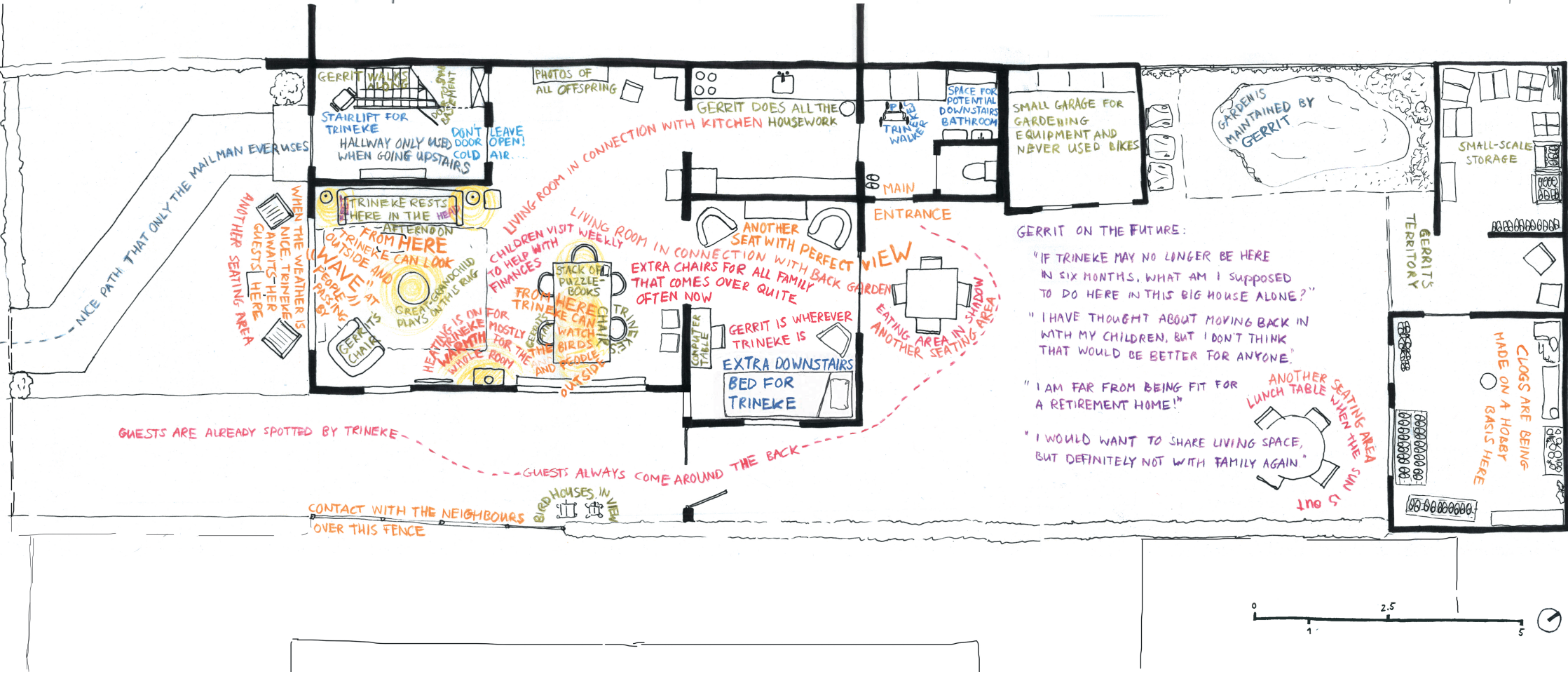
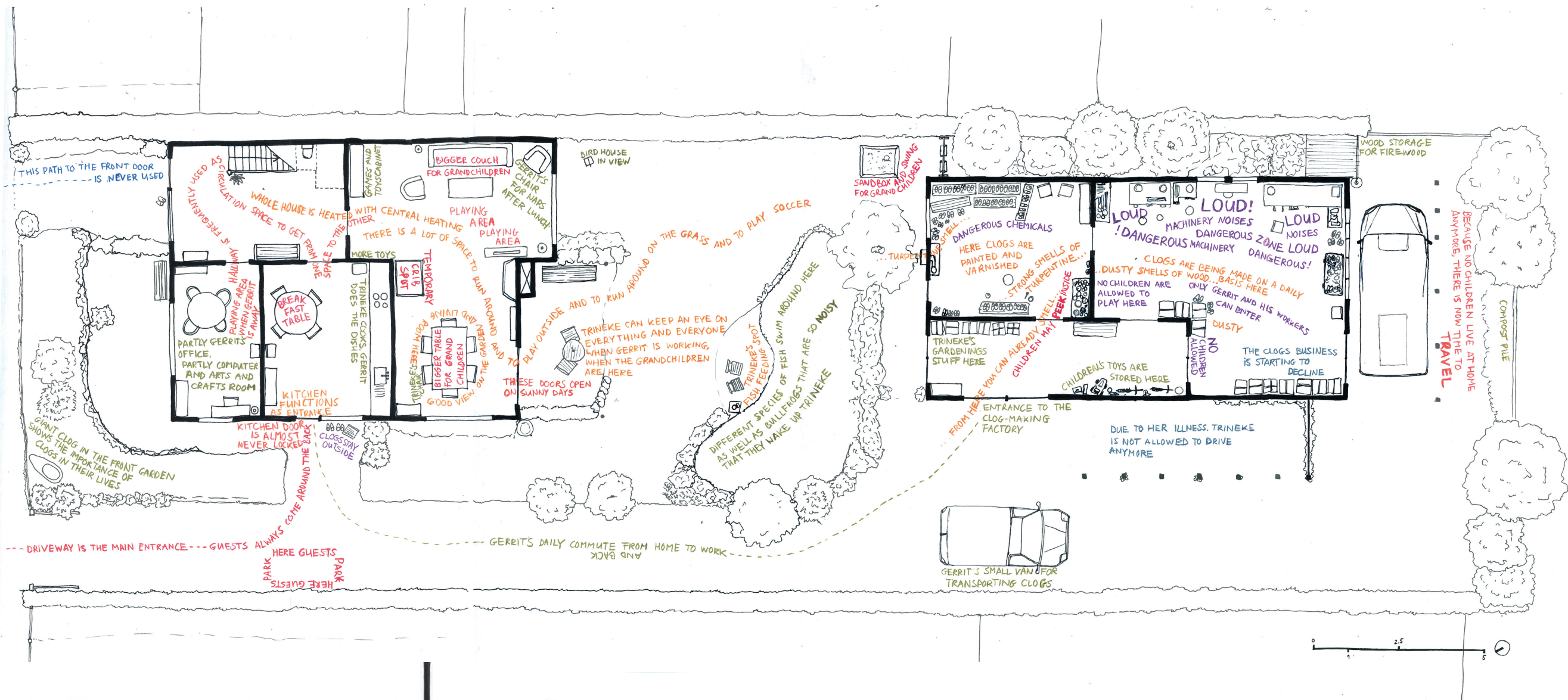
multi-generational living, the 'kangaroo home'





housing for all generations,
together with all generations,
for all phases of life

ways of dwelling





design of housing: entrance



View from street



design of housing: entrances
ground floor



Building rule: Main entrance of each house opens into the kitchen, directly in contact with the liveliness of the house



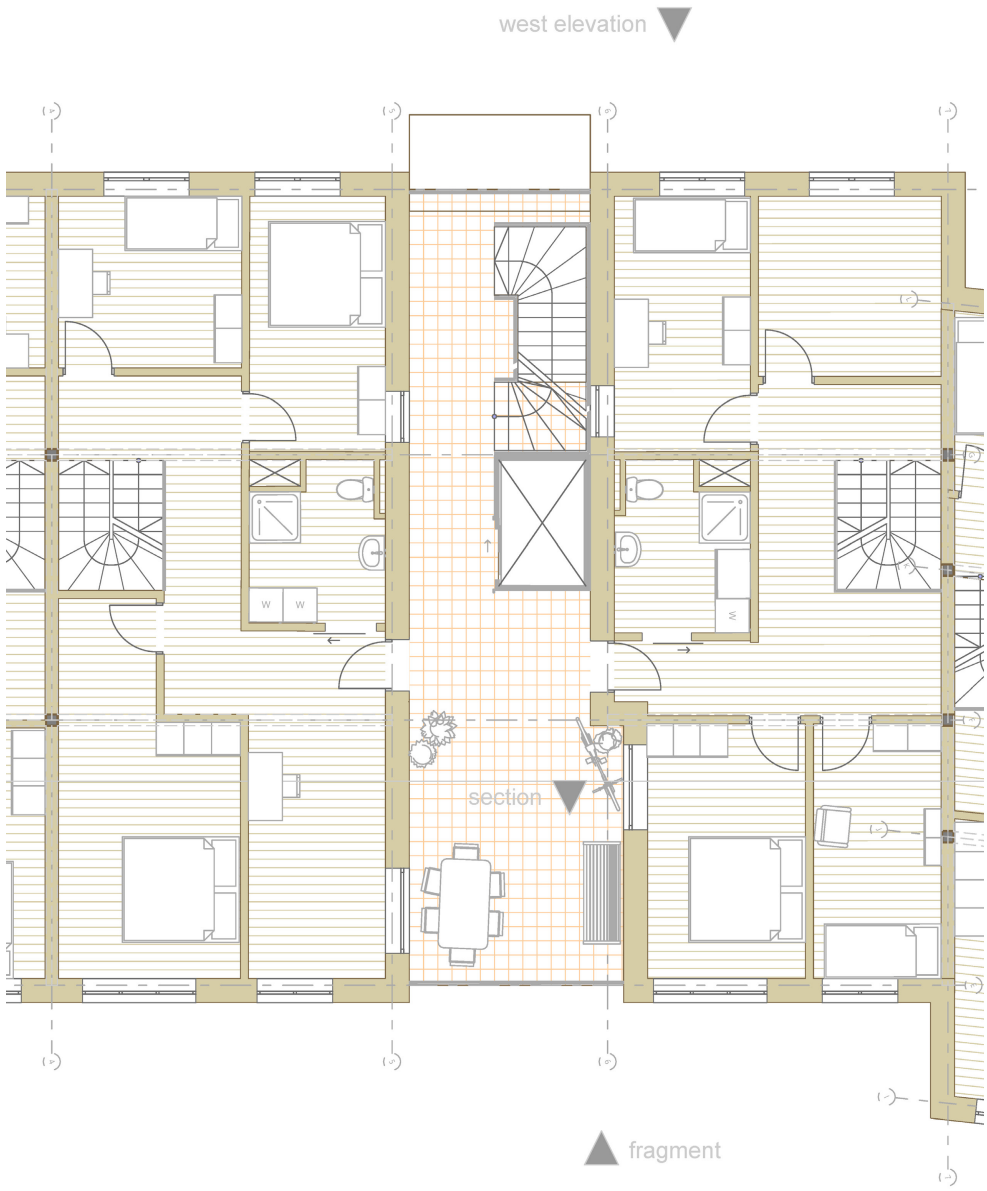
design of housing: open plan
second floor

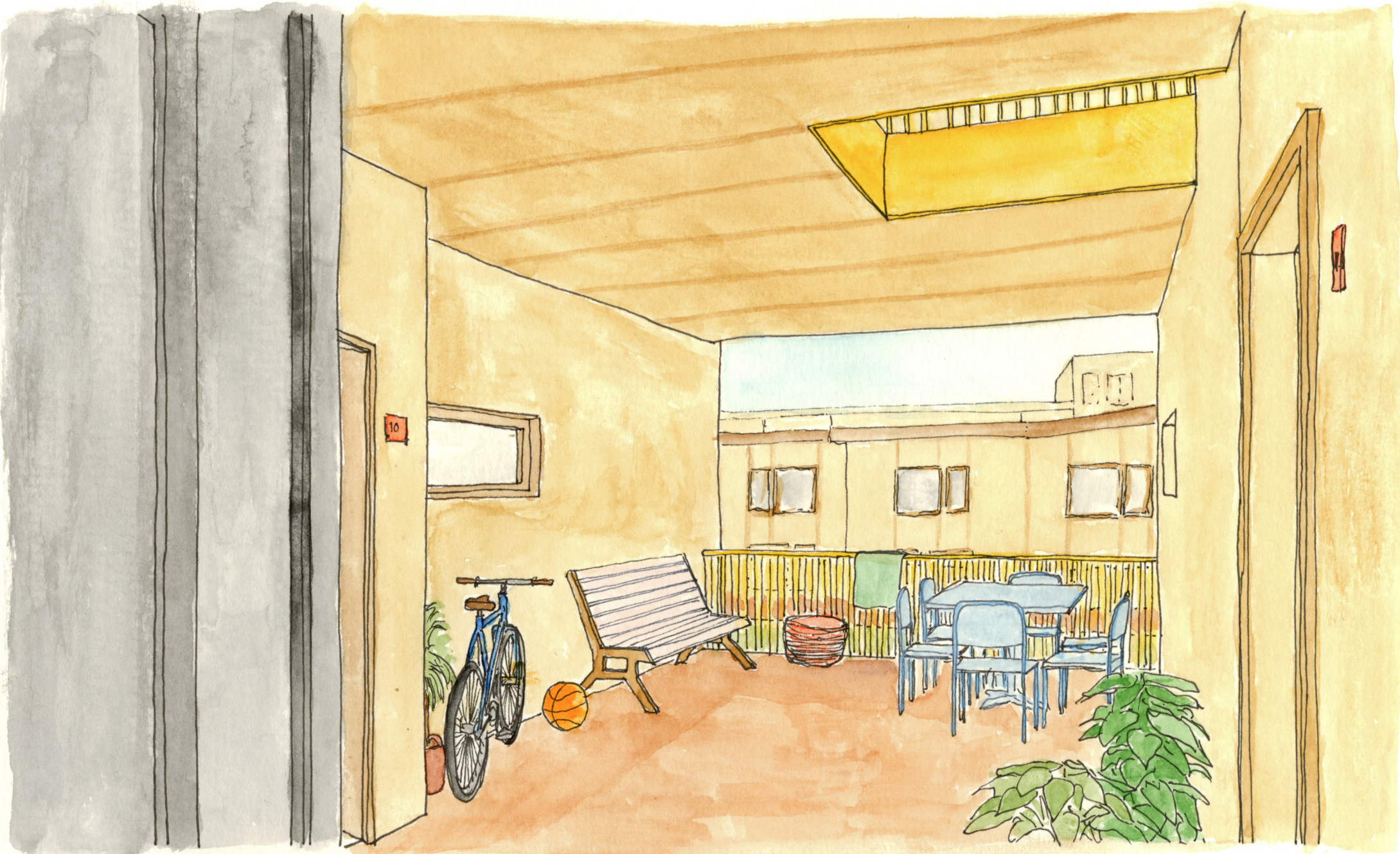


design of housing: entrance areas
first floor



design of housing: entrance areas
first floor



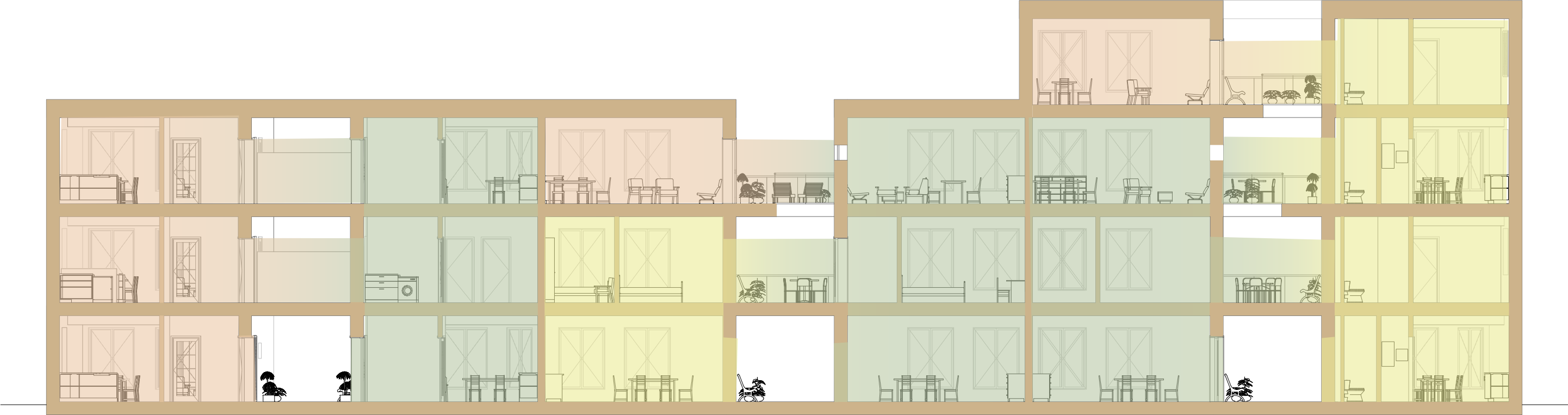


Loggia

Atk



design of housing: configuration of the housing types



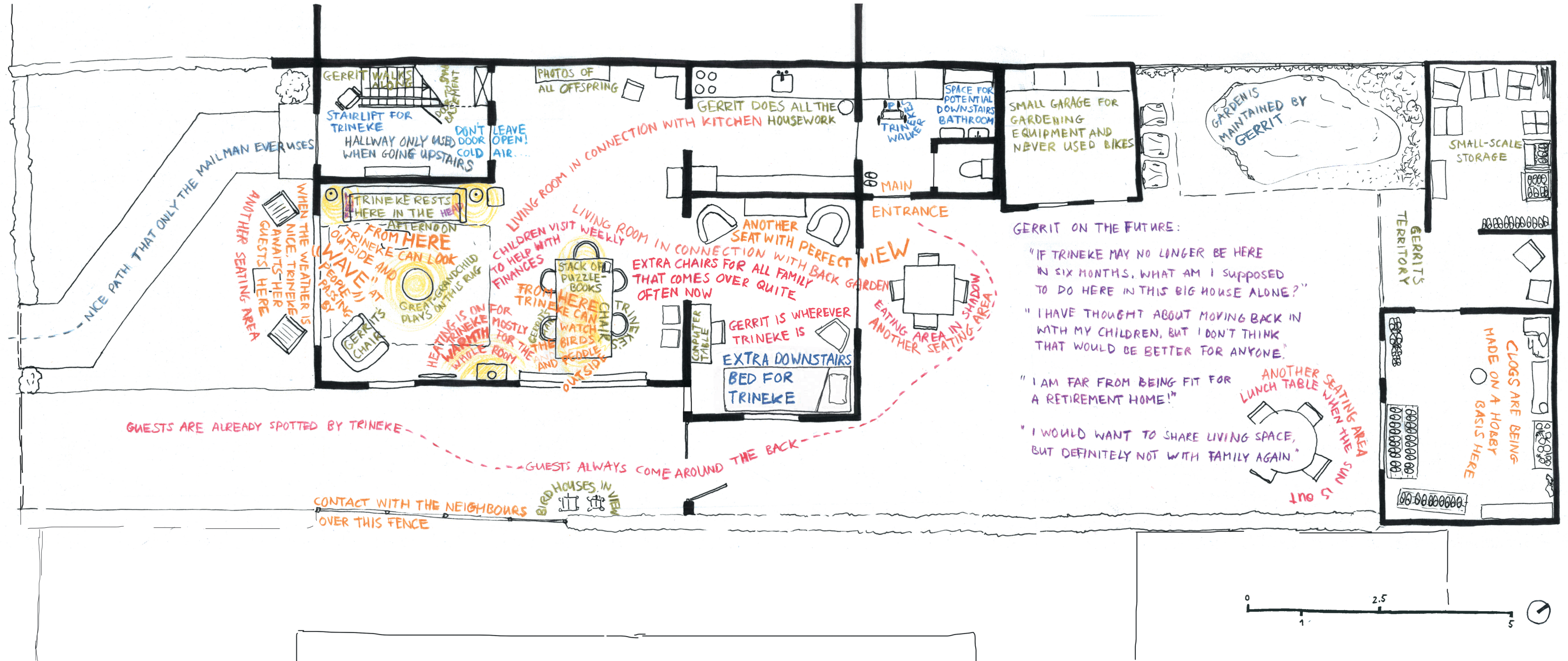
- three-story house
- two-story house
- apartment

design of housing: distribution of the housing types



design of housing: distribution of the housing types

design of housing: adaptability



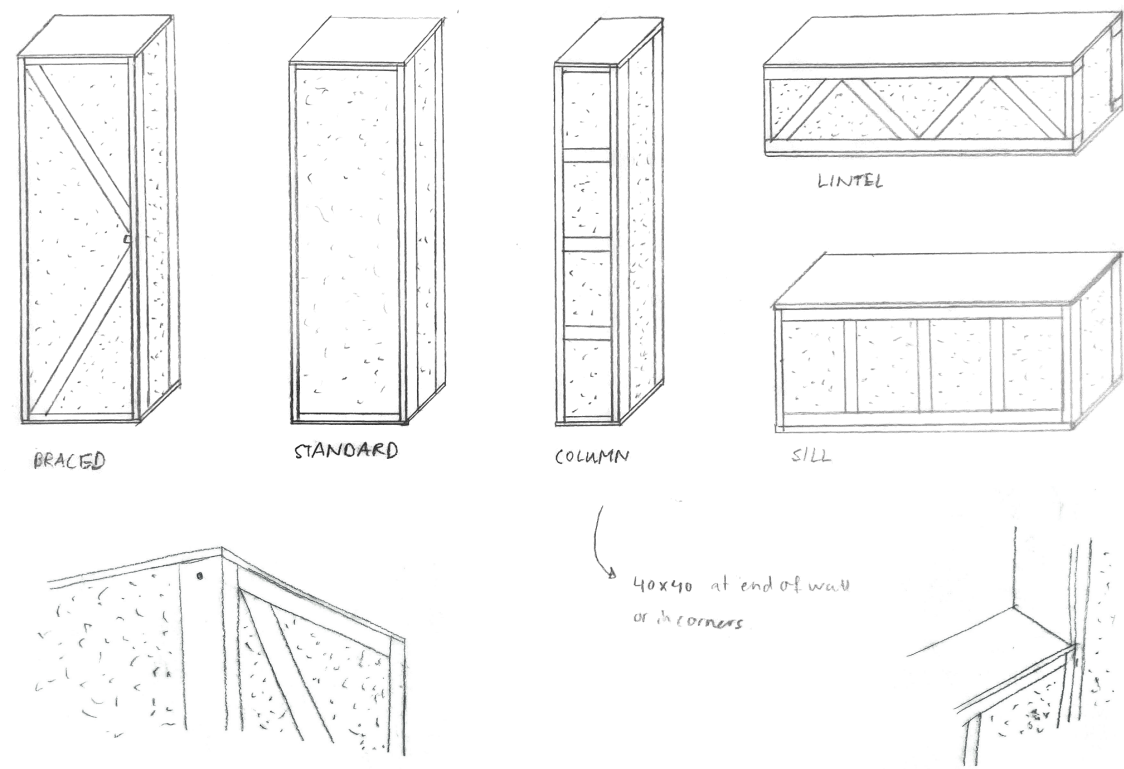
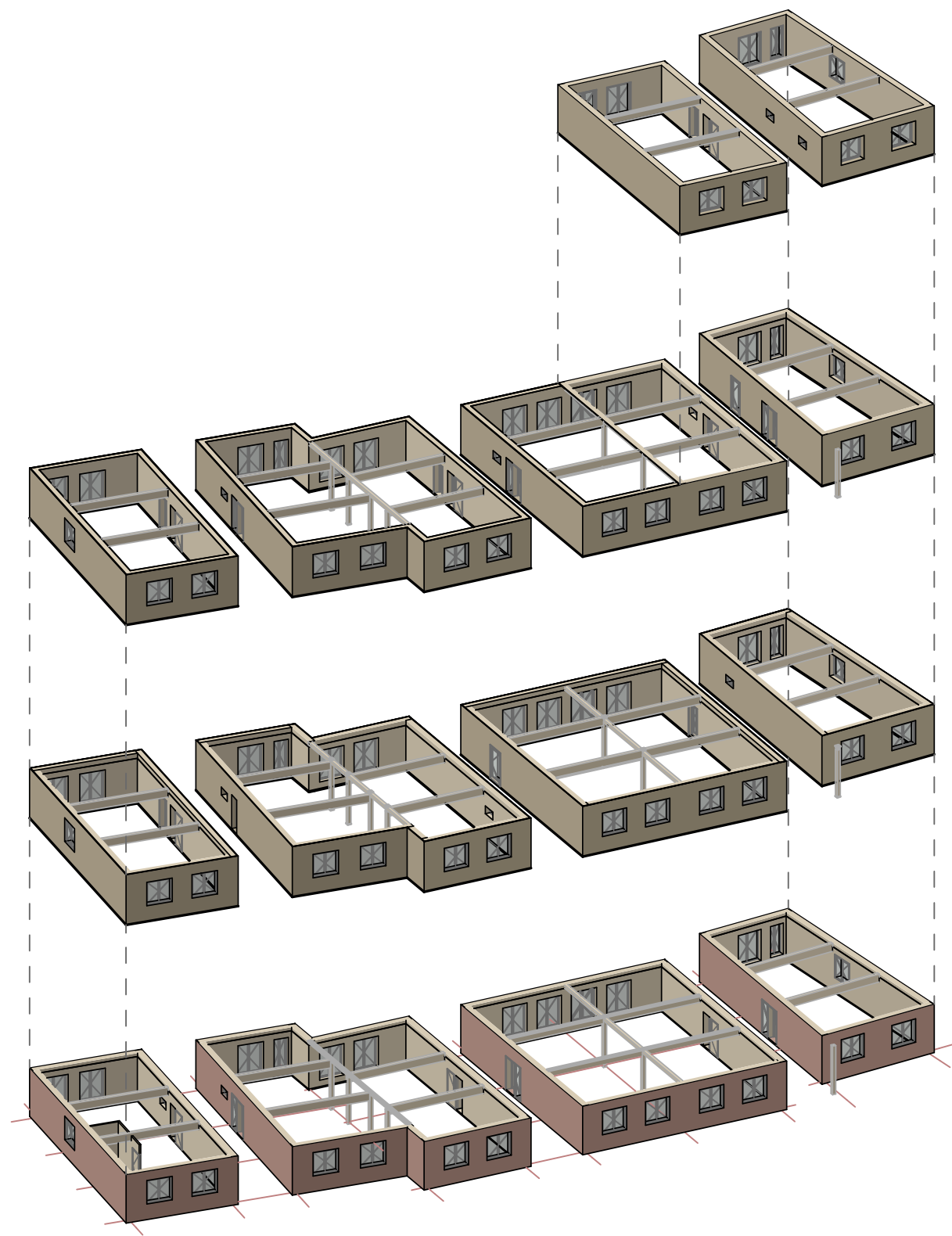
Building rule: Design apartments where people can live on their own, but still share some communal spaces to meet other residents

Building rule: Design multi-generational houses that are adaptable and allow for changes in family structure

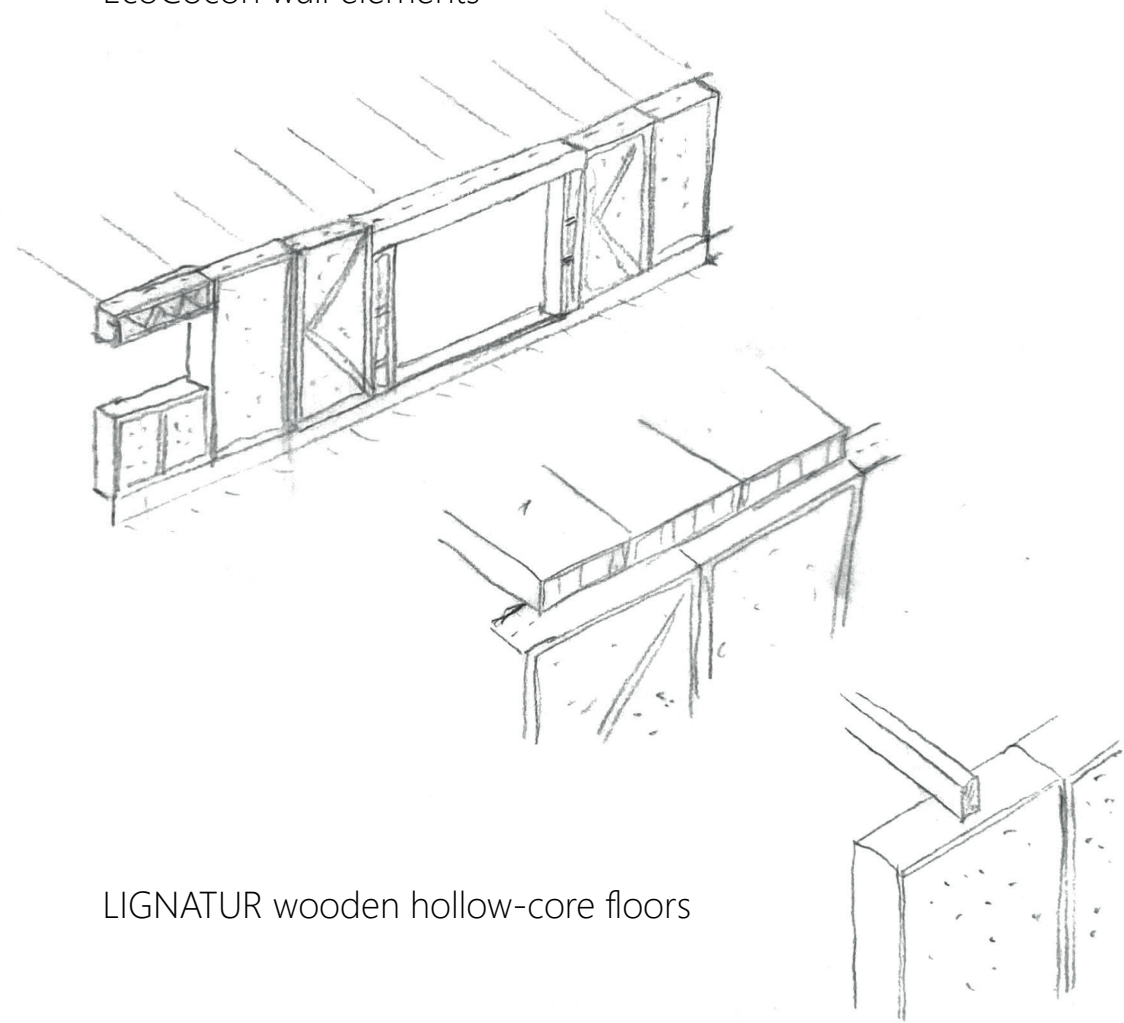
Building rule: Design an open structure that allows for changes in use of spaces

design of housing: open plan
second floor





EcoCocon wall elements



LIGNATUR wooden hollow-core floors







housing



hospice

facades



housing



hospice



Hospice view on corridor first floor

Ak

Building rule: Design a hospice where people can live their last days feeling as at home as possible



Hospice room

AK



Hospice view on corridor ground floor

Atk

design of hospice
ground floor



1. entrance, 2. living room and kitchen, 3. toilets, 4. corridor, 5. residents rooms, 6. contemplation room



Hospice view from living room

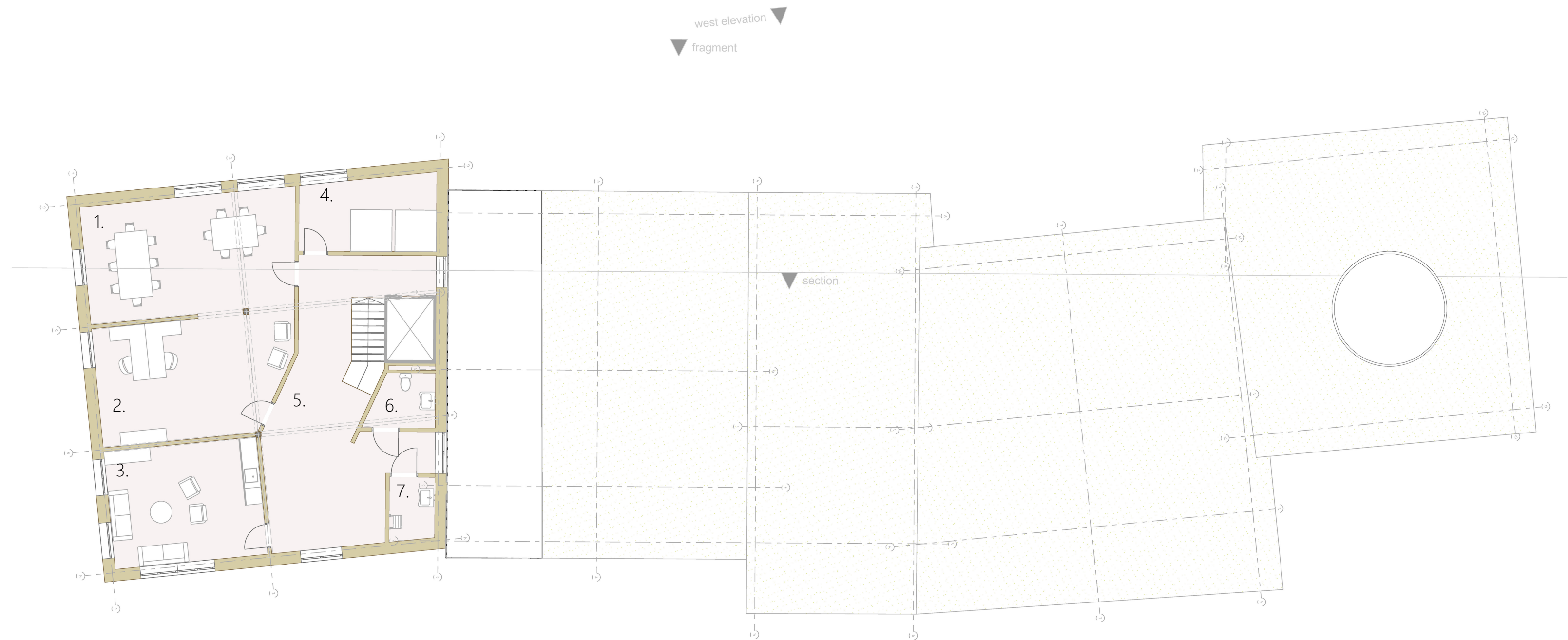
AK

design of hospice
first floor



1. nursing station, 2. guest room, 3. guest room, 4. laundry room, 5. hallway, 6. storage, 7. toilets, 8. corridor, 9. residents rooms, 10. contemplation room

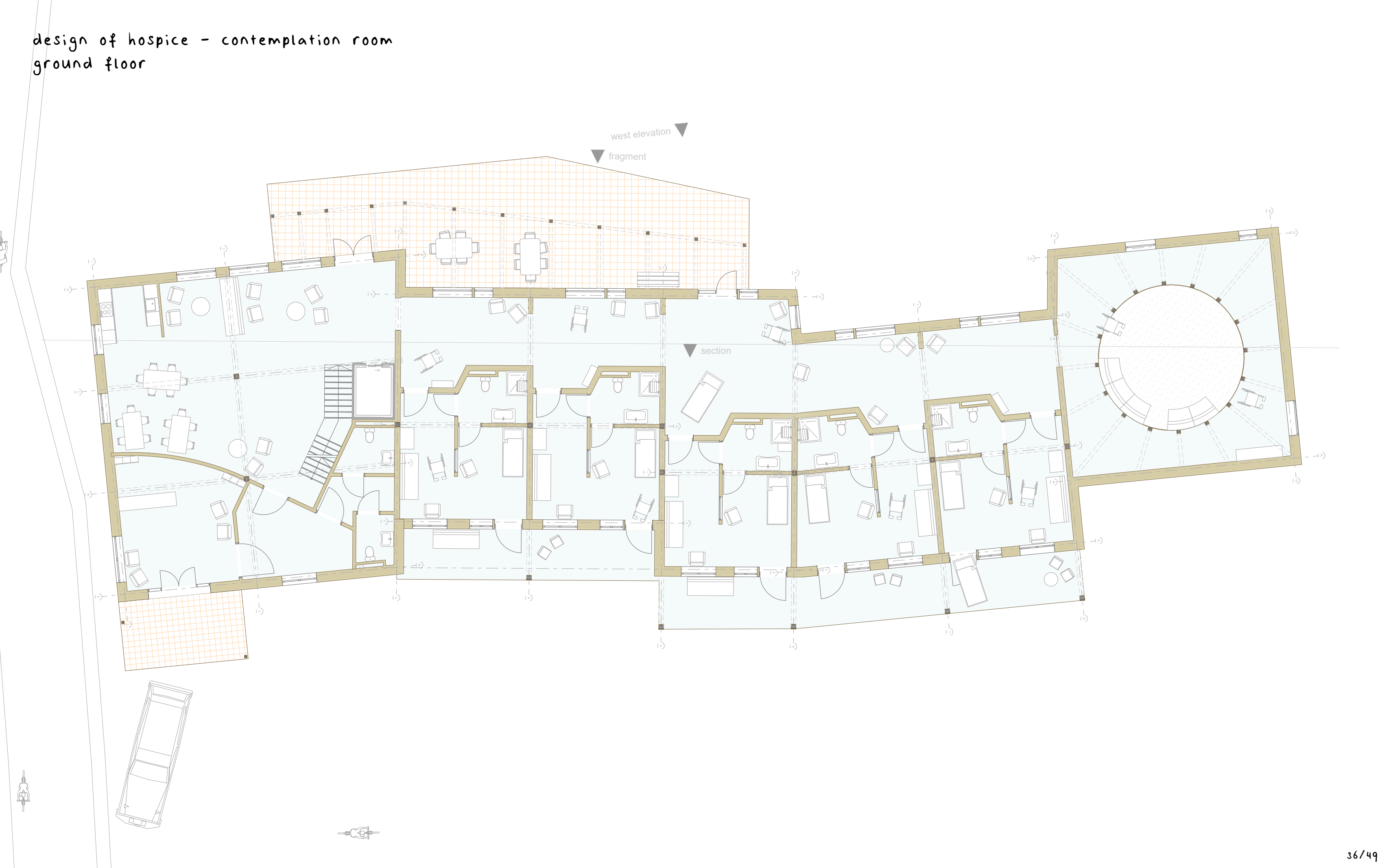
design of hospice
second floor



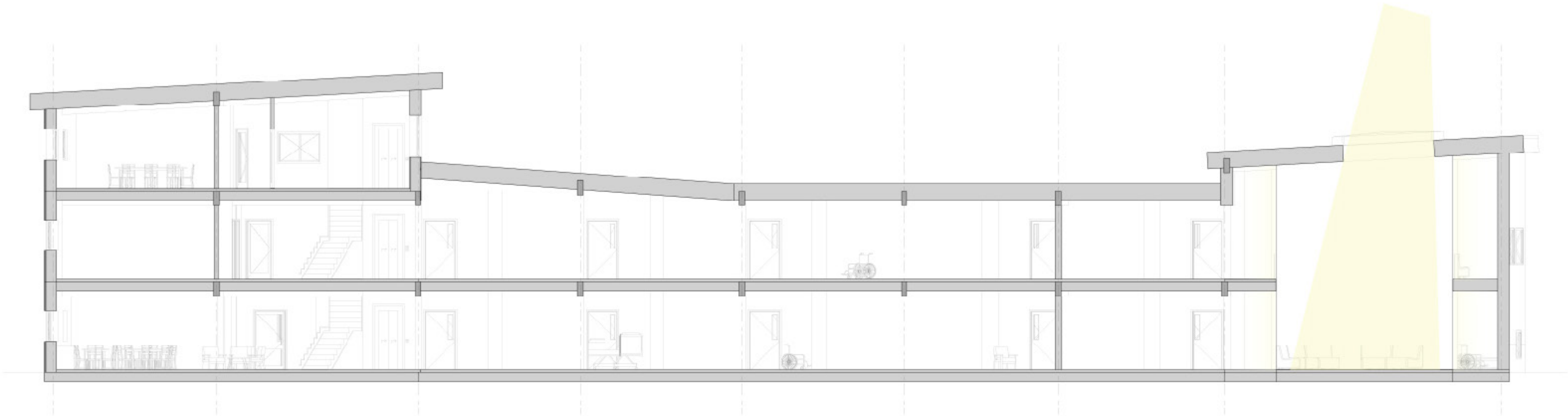
1. staff meeting room, 2. staff office, 3. staff break room, 4. technical room, 5. hallway, 6. staff toilet, 7. staff shower



design of hospice - contemplation room
ground floor



design of hospice - contemplation room
section

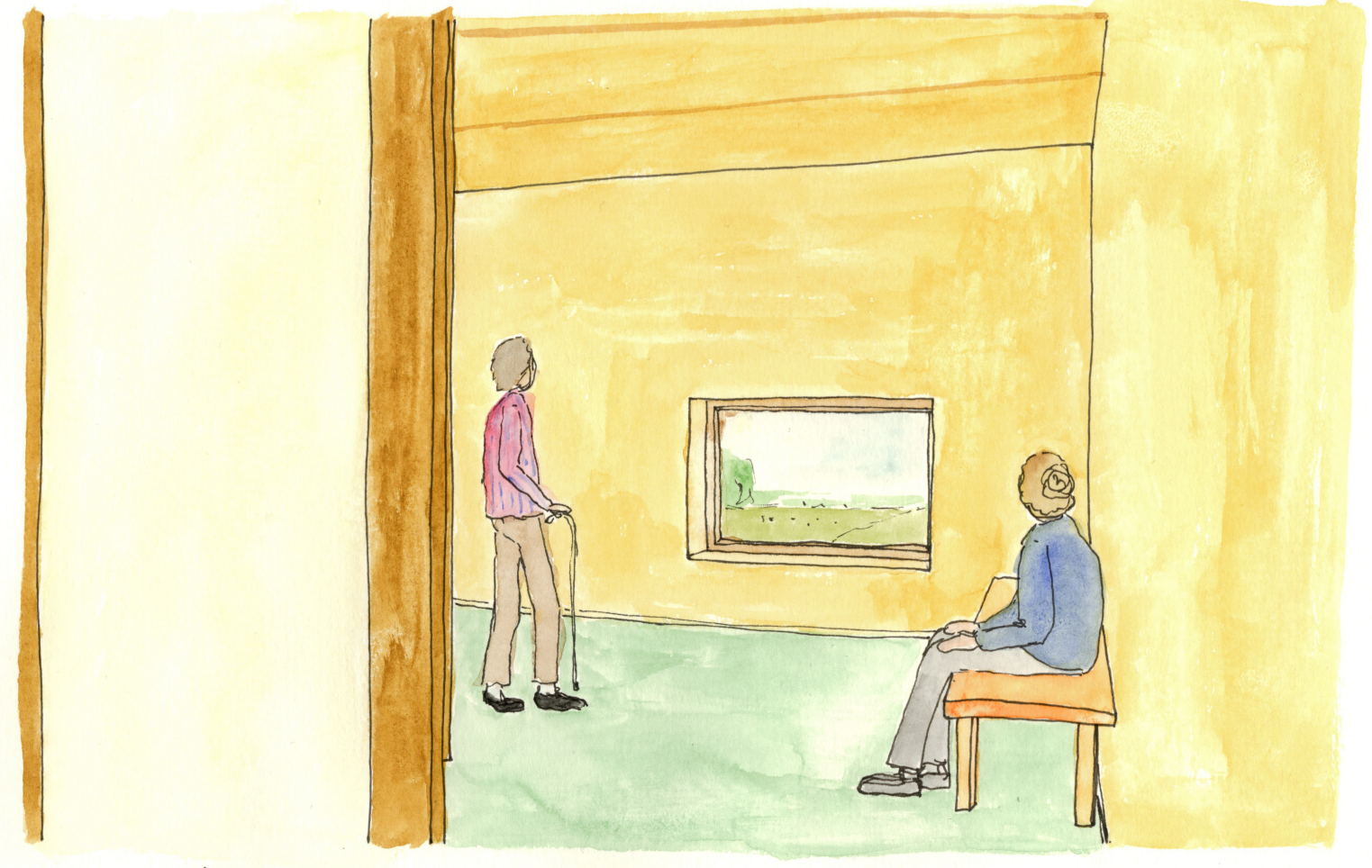


design of hospice - contemplation room
first floor



Space around contemplation room first floor

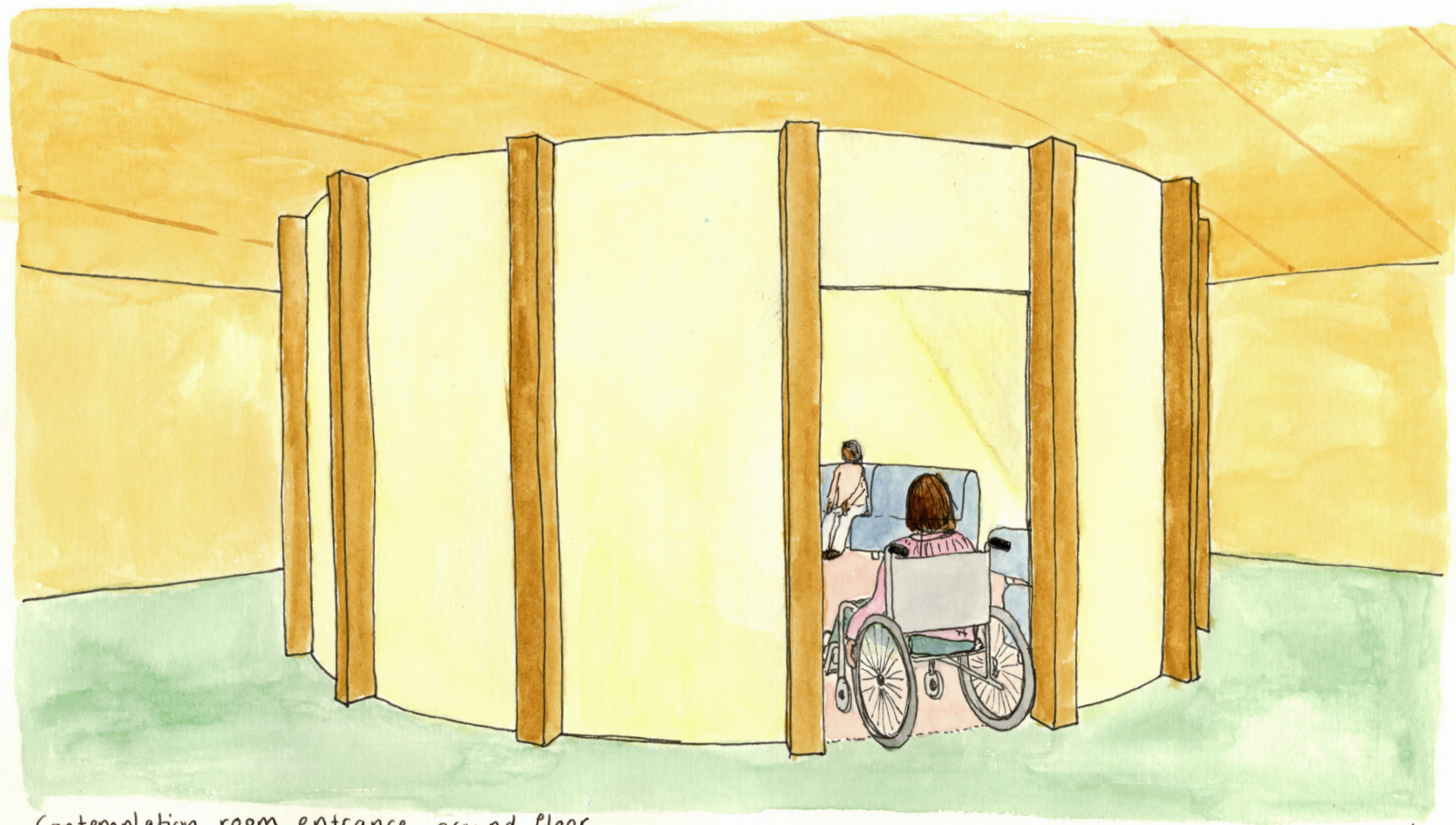
dk



Space around contemplation room ground floor

dk

design of hospice - vcontemplation room
ground floor



Contemplation room entrance ground floor

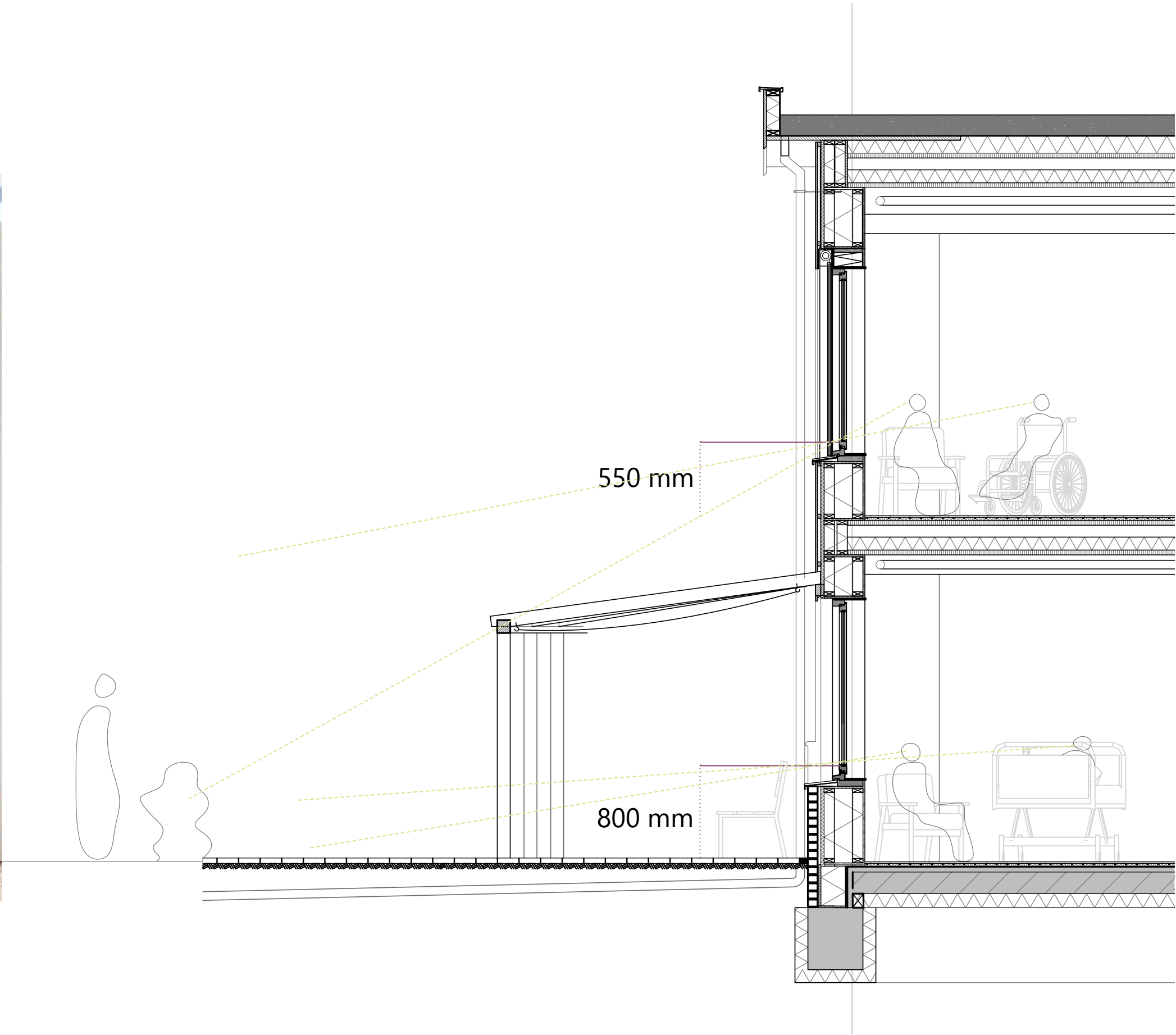
dk



Space around contemplation room first floor

dk

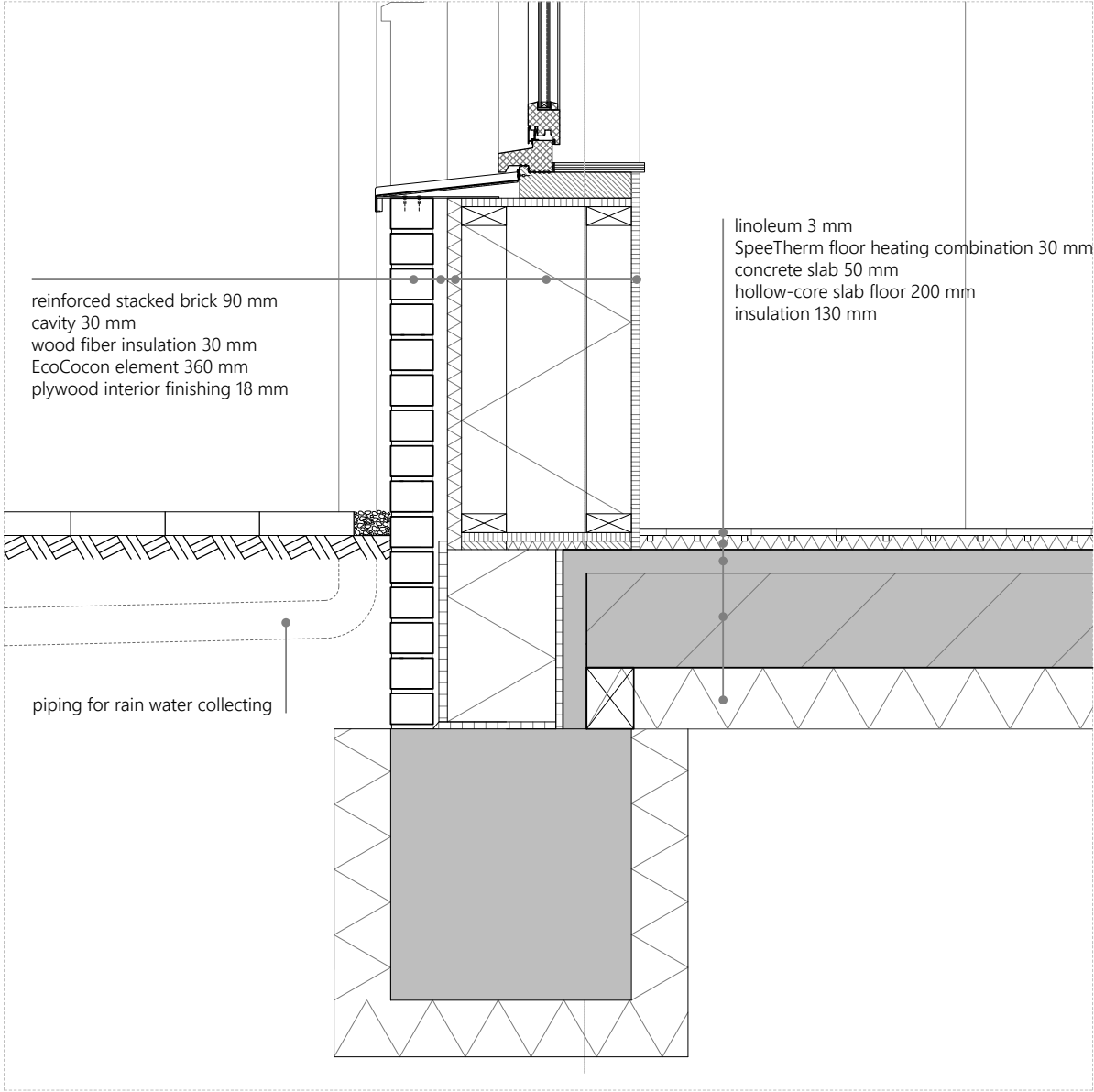
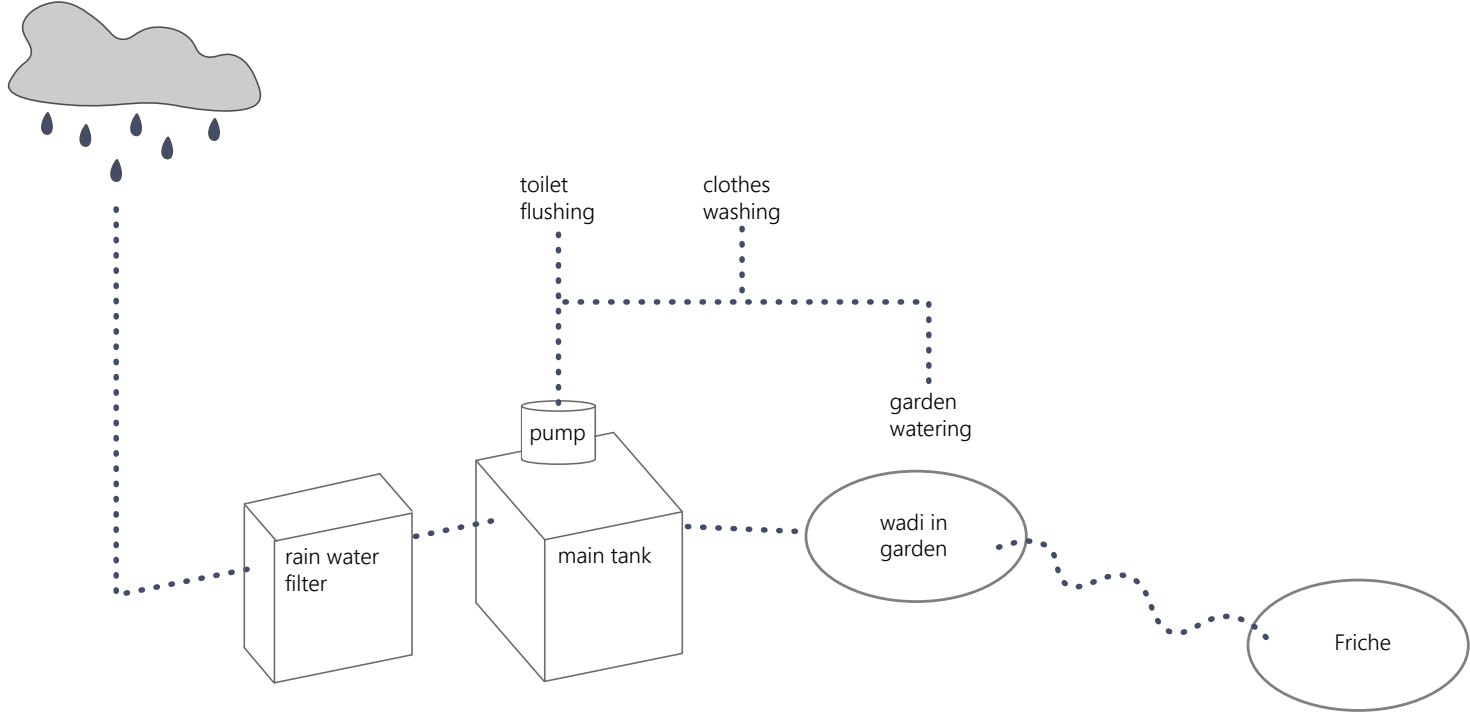
design of hospice: window sill heights





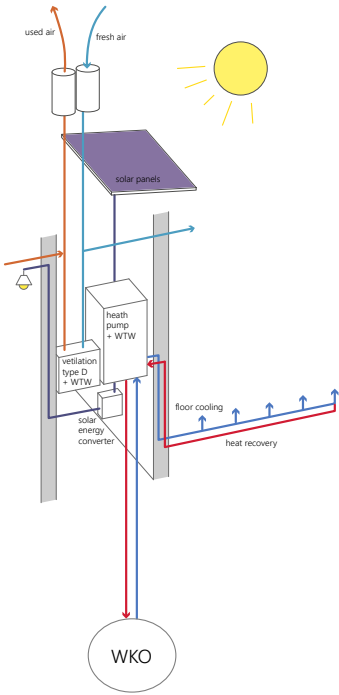
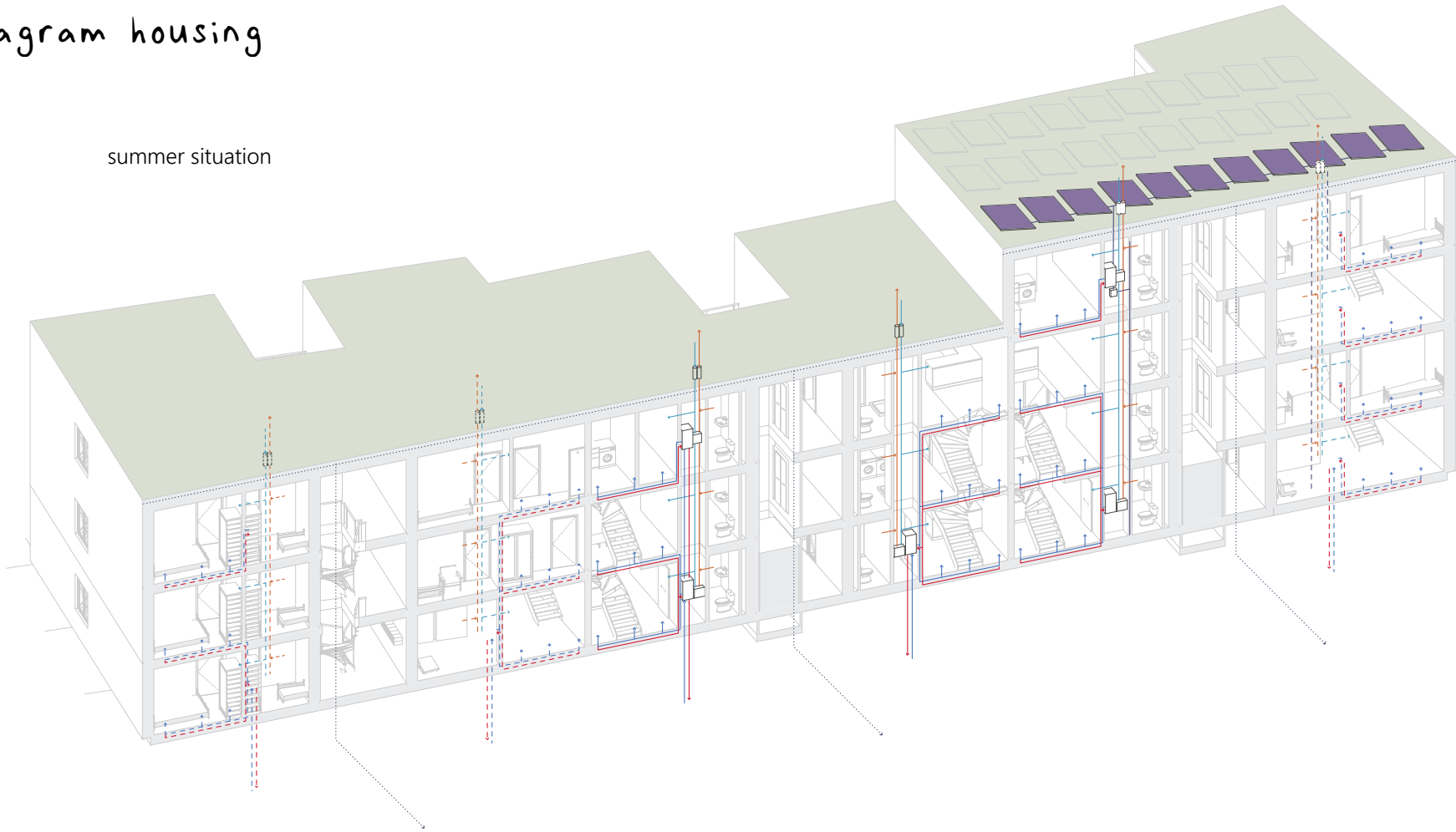


water distribution

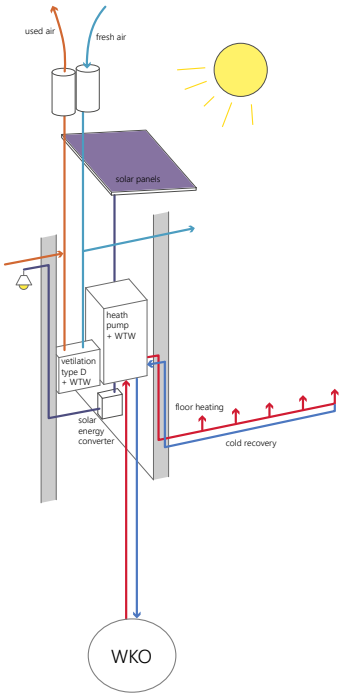
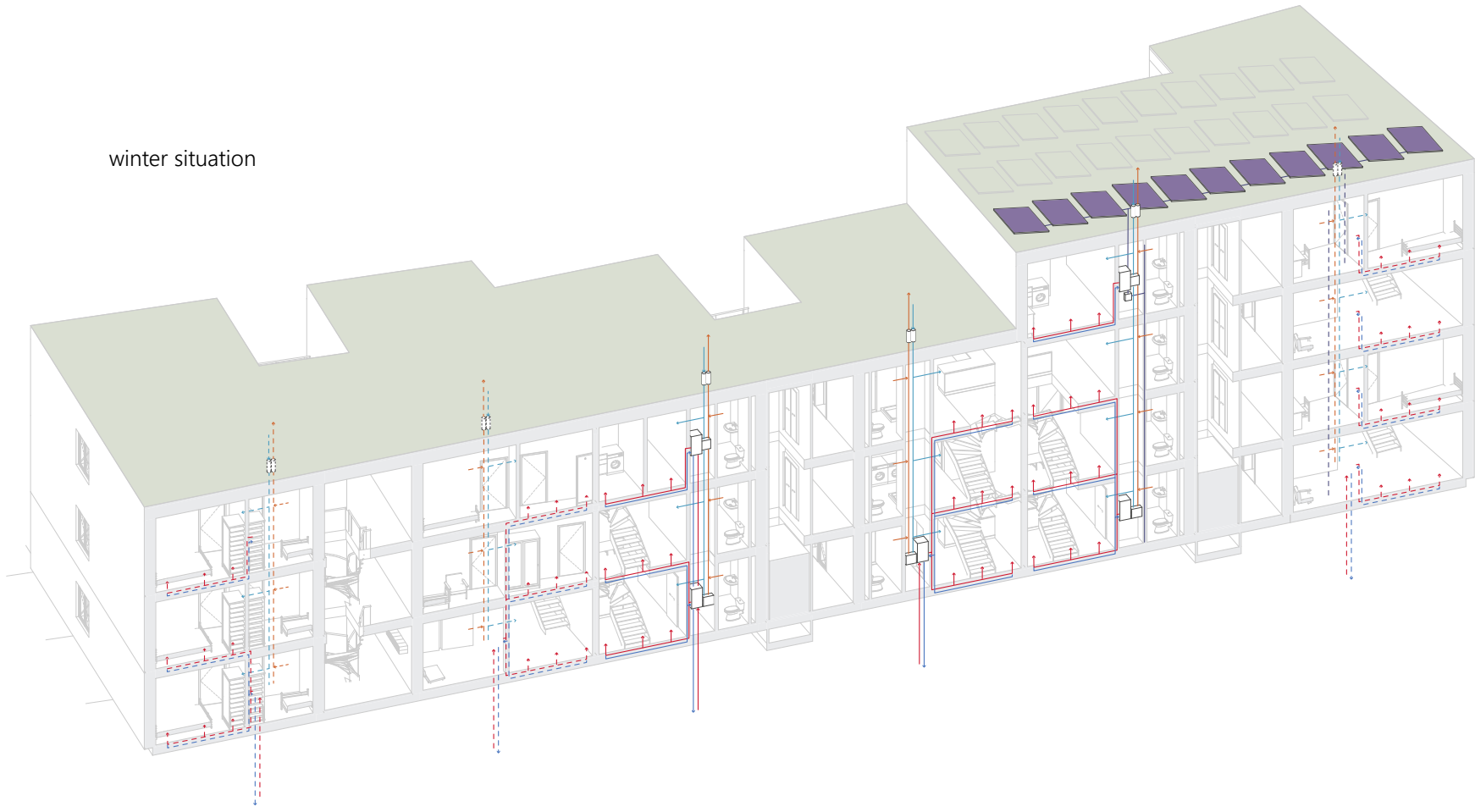


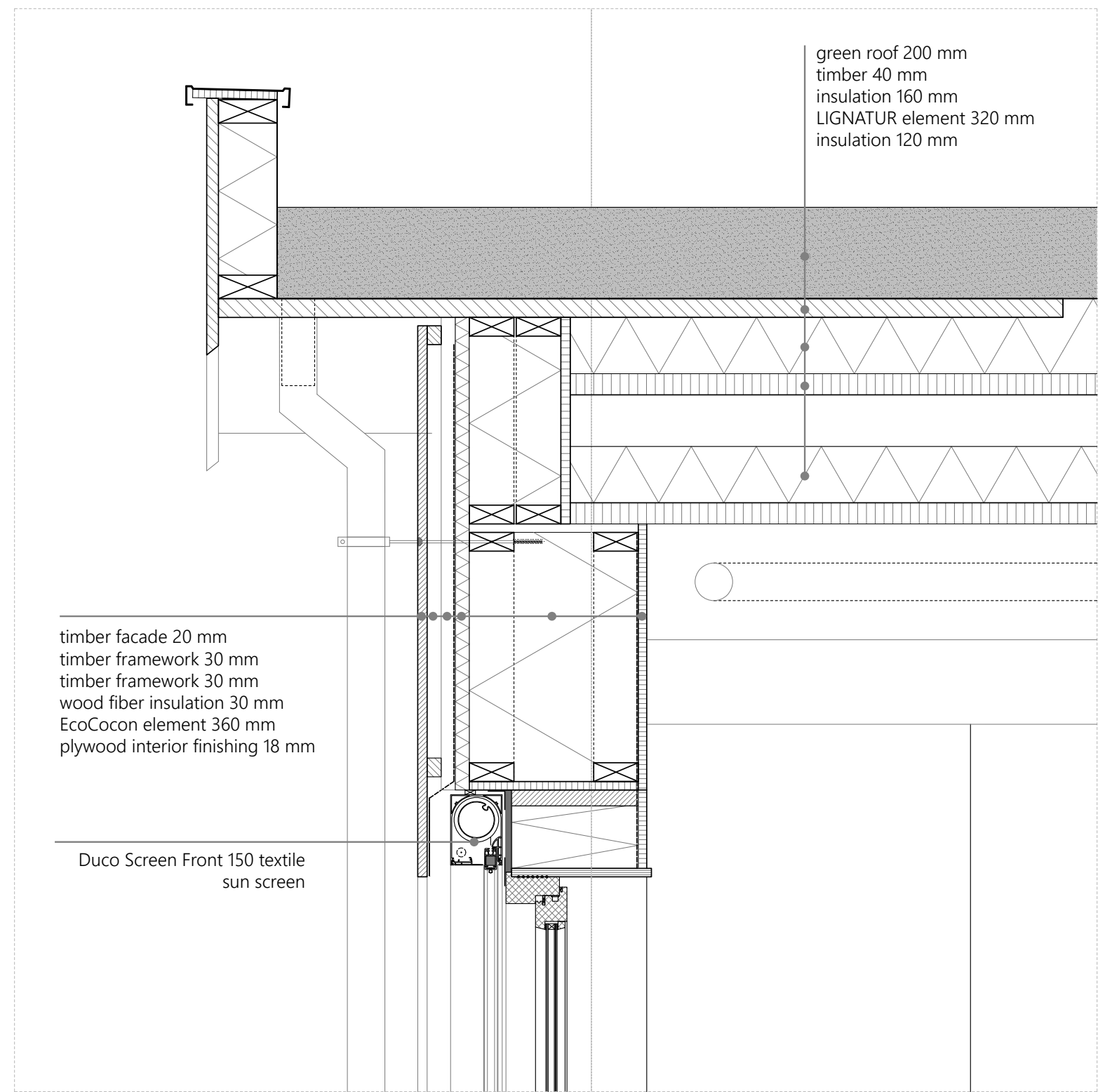
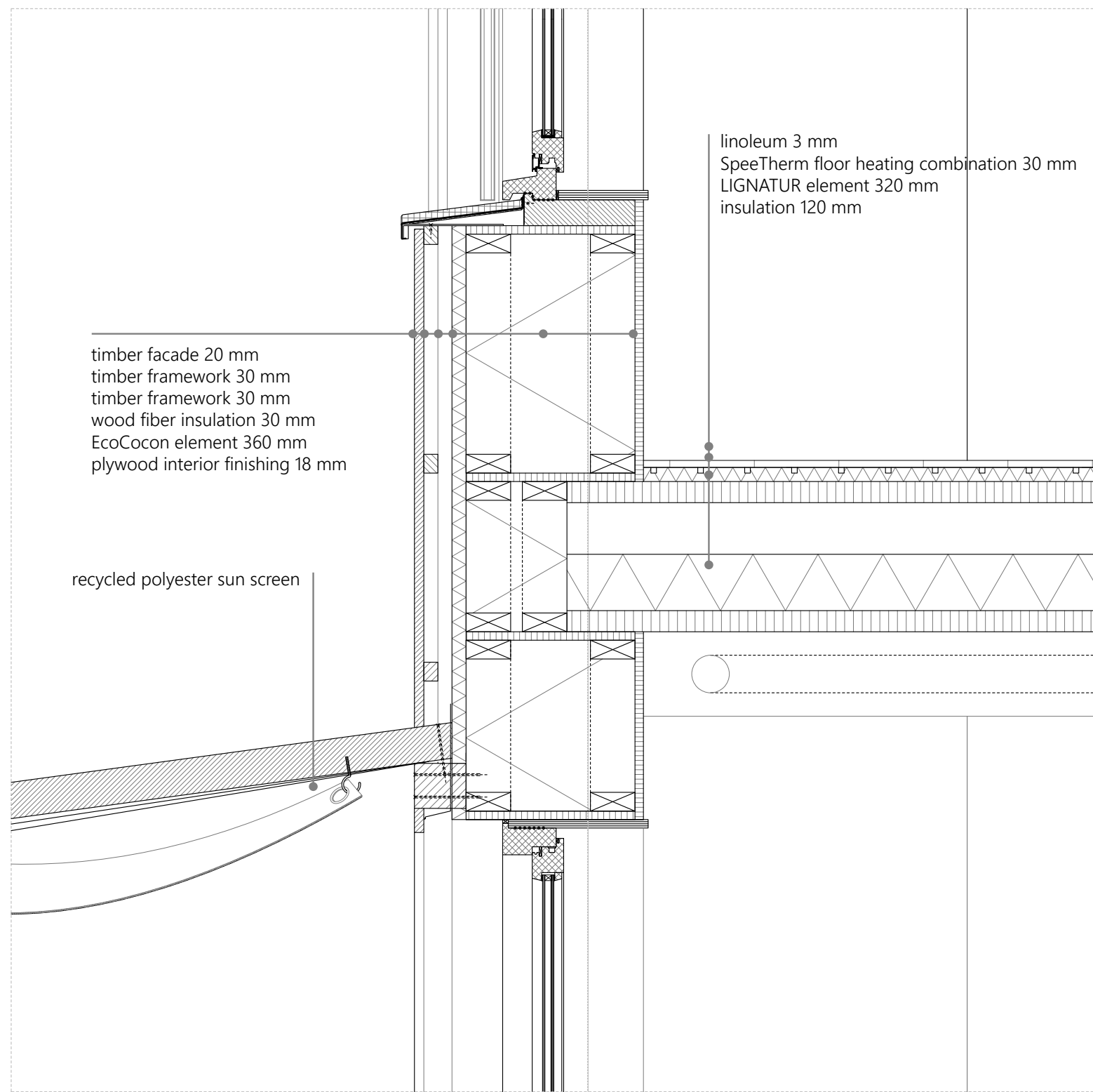
climate control diagram housing

summer situation



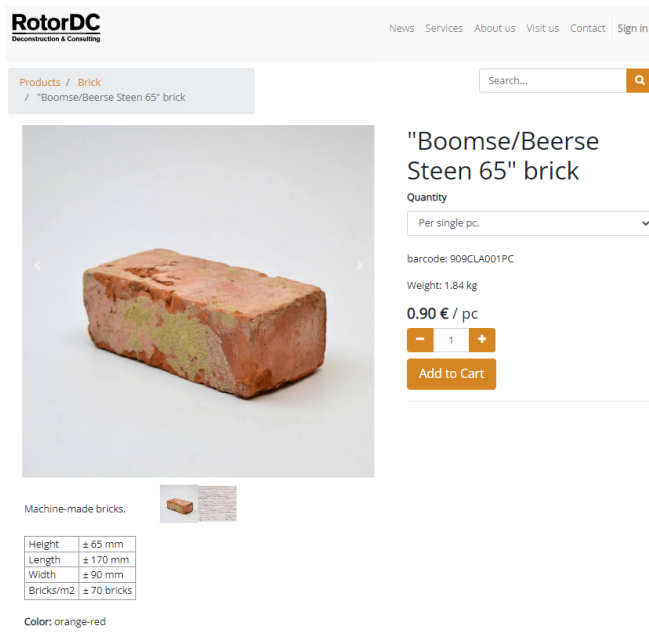
winter situation



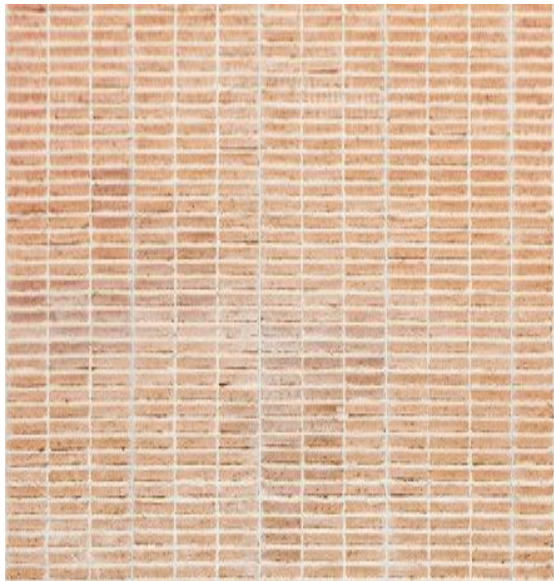


materials

reused brick from Rotor



in stacked brick pattern



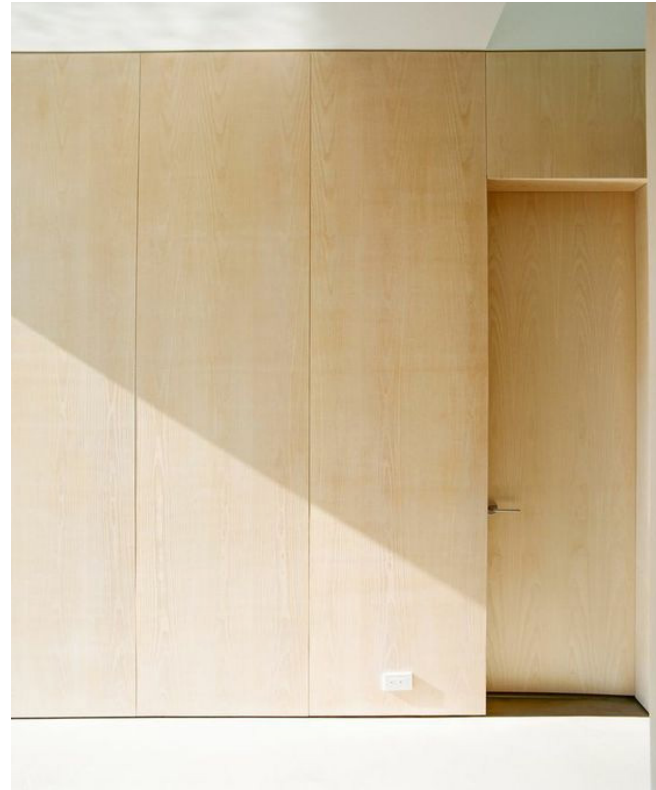
ceiling bare LIGNATUR



wooden facade



plywood finishing on walls



wooden window frames



EcoCocon



parquet floors (housing)



linoleum floors (hospice)



interior



exterior



the end



special thanks

Rosie van der Schans
Eireen Schreurs
Lex van Deudekom

Iris Licht Pradillo
opa en oma

ak