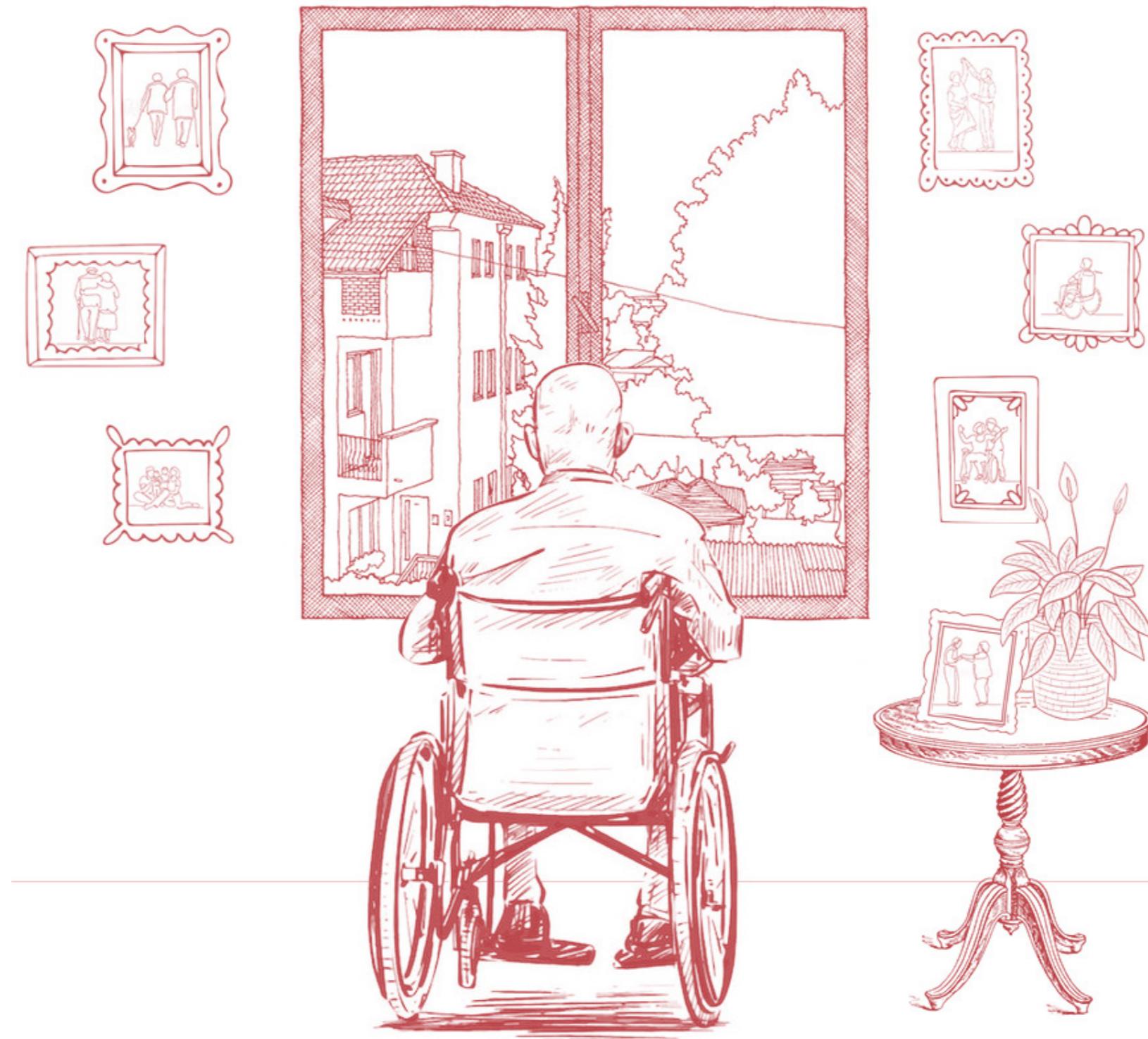


P2 PRESENTATION: DESIGNING DIGNITY

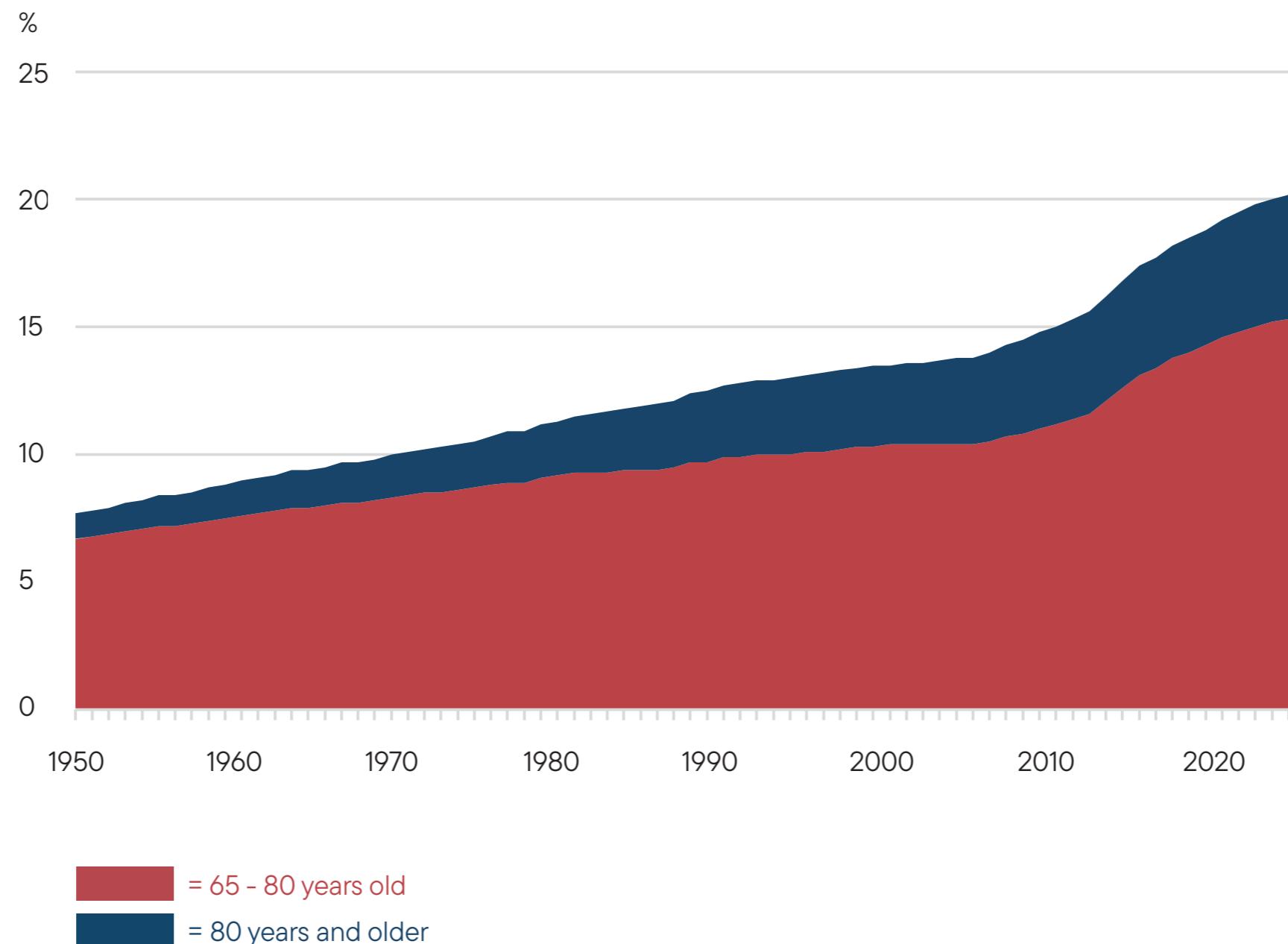
Designing care facilities to enhance autonomy and quality of life for people with dementia



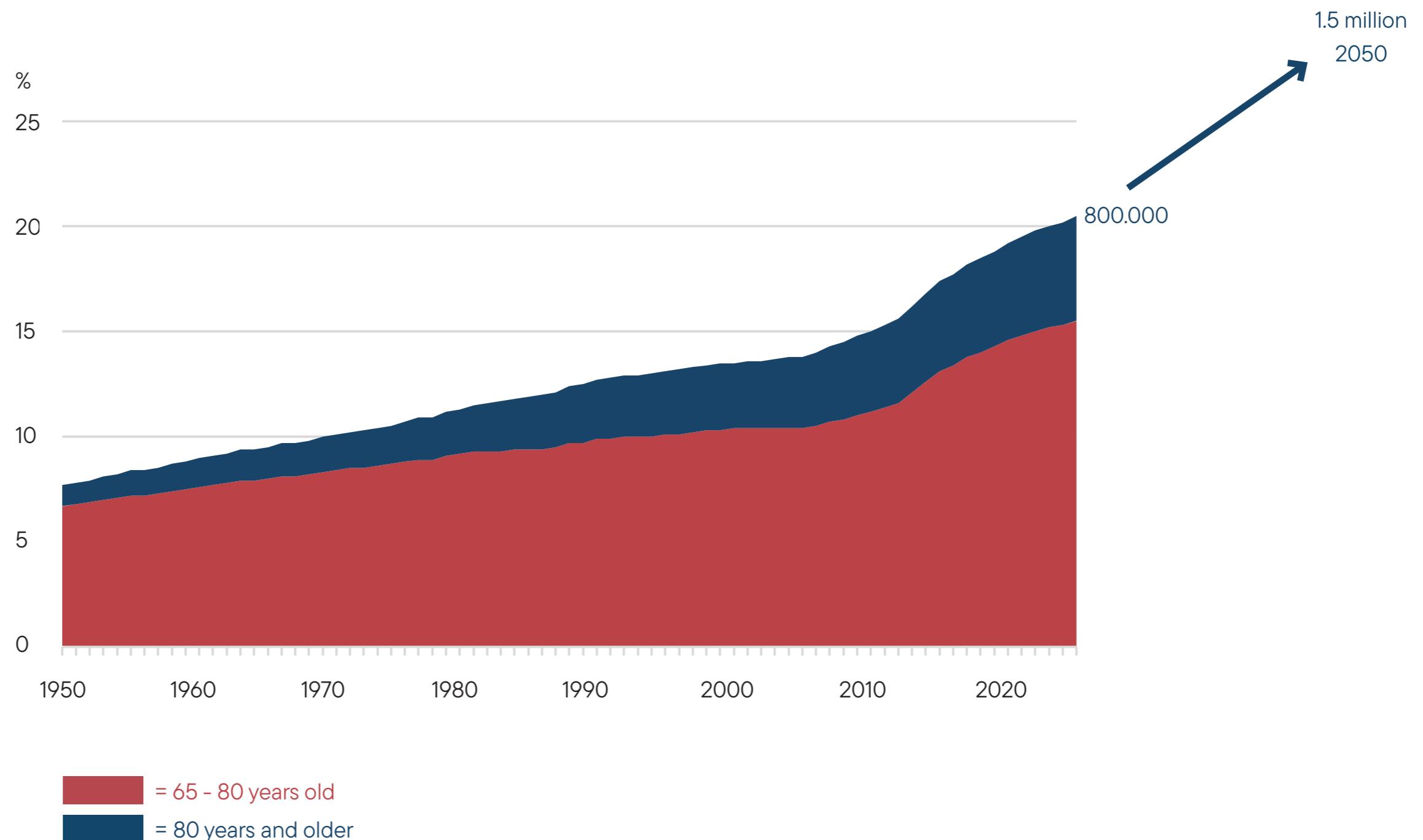
PROBLEM STATEMENT



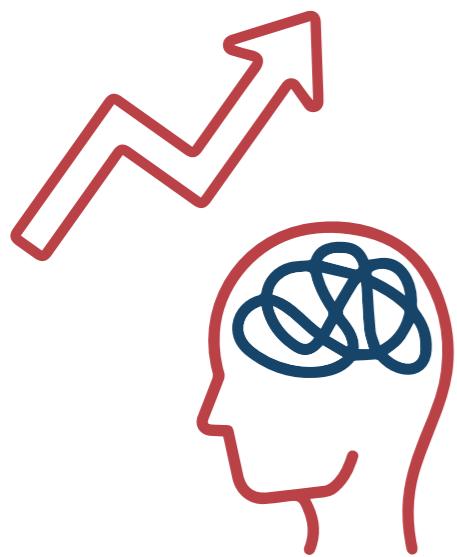
PROBLEM STATEMENT



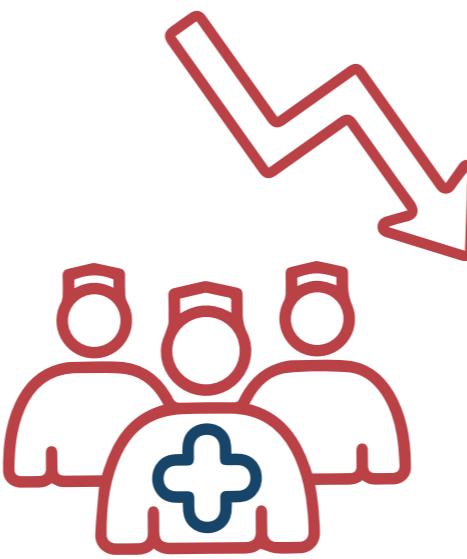
PROBLEM STATEMENT



PROBLEM STATEMENT



The increasing number of elderly people with dementia

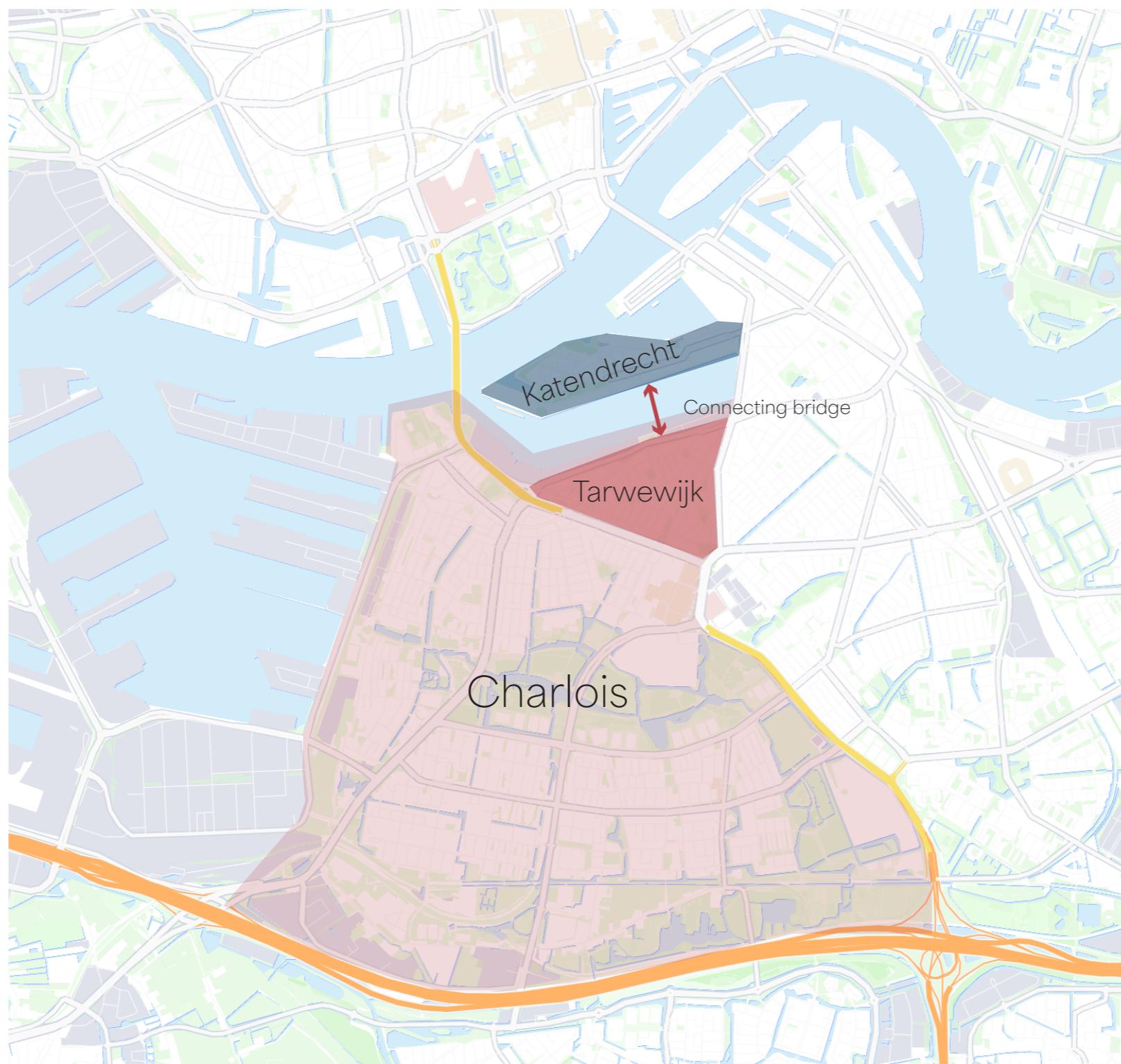


The growing shortage of healthcare staff



Insufficient focus on well-being, autonomy, quality of life and social integration in care complexes

RELEVANCE



“How can a care facility for people with dementia be designed to foster a humane and inclusive environment, with a focus on promoting autonomy and quality of life, for example in a neighborhood like Tarwewijk?”

1. *How can the **surroundings** of a care facility contribute to fostering a humane and inclusive environment, with a focus on promoting autonomy and quality of life?*
2. *How can the **layout of a care facility building** contribute to fostering a humane and inclusive environment, with a focus on promoting autonomy and quality of life?*
3. *How can a **residents room** in a care facility contribute to fostering a humane and inclusive environment, with a focus on promoting autonomy and quality of life?*
4. *What specific needs does the Tarwewijk neighborhood have concerning care and housing for people with dementia, and how can these needs guide the design and integration of such facilities?*

SCALES SUB QUESTION 1, 2 & 3

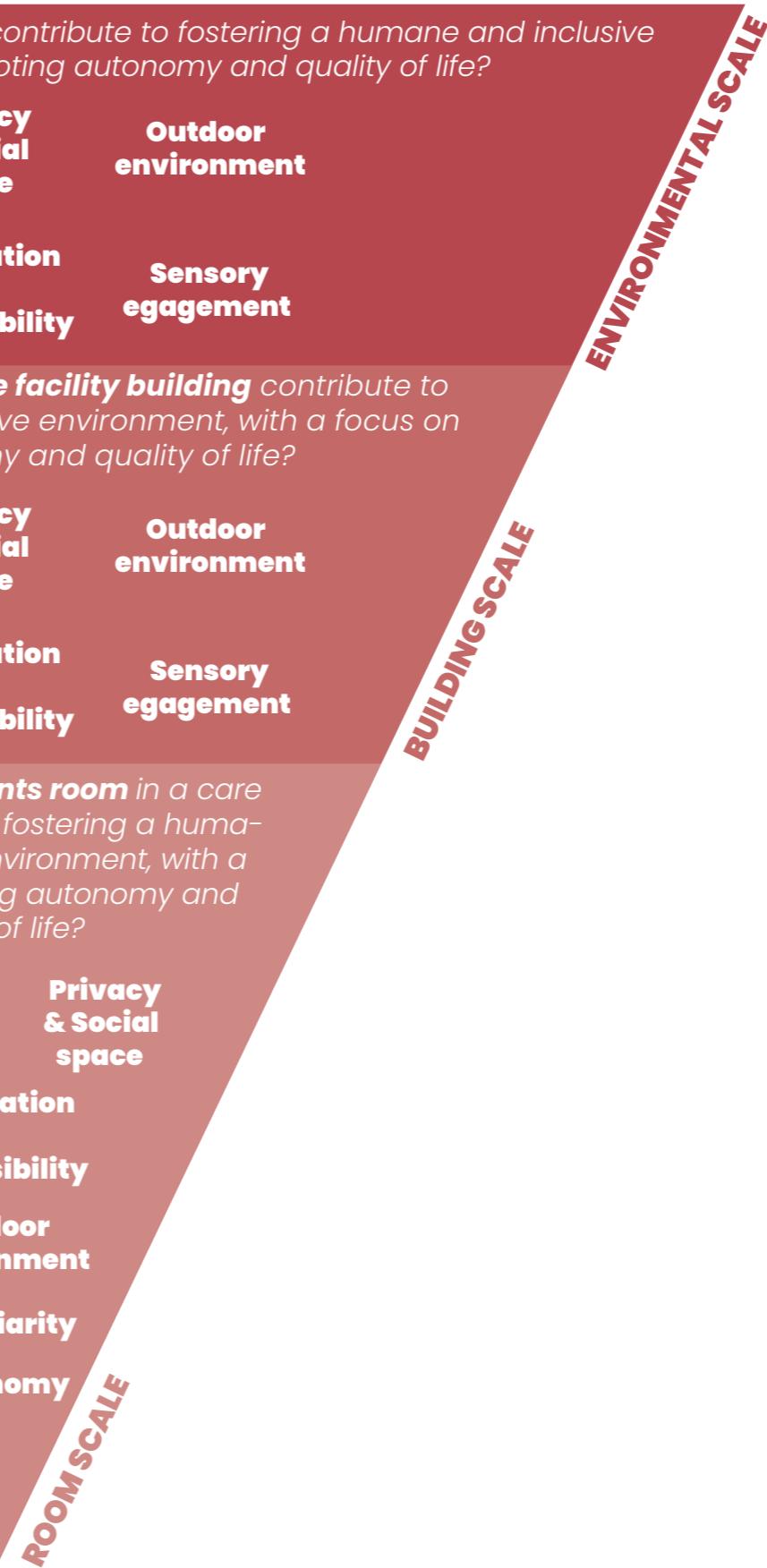
1. How can the **surroundings** of a care facility contribute to fostering a humane and inclusive environment, with a focus on promoting autonomy and quality of life?



2. How can the **layout of a care facility building** contribute to fostering a humane and inclusive environment, with a focus on promoting autonomy and quality of life?



3. How can a **residents room** in a care facility contribute to fostering a humane and inclusive environment, with a focus on promoting autonomy and quality of life?



LITERATURE / INTERVIEWS / CASE STUDIES / FIELDWORK

FIELDWORK



RANDERODE, APELDOORN



BOSWIJK, VUGHT



REIGERSHOEVE, HEEMSKERK

ORIENTATION & ACCESSIBILITY

PRIVACY & SOCIAL SPACES

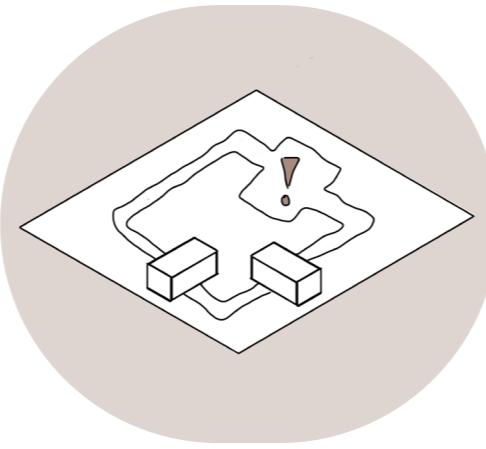
OUTDOOR ENVIRONMENT

AUTONOMY

FAMILIARITY

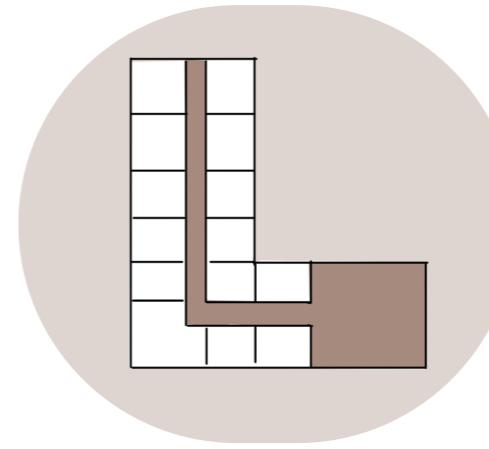
SENSORY ENGAGEMENT

ENVIRONMENTAL



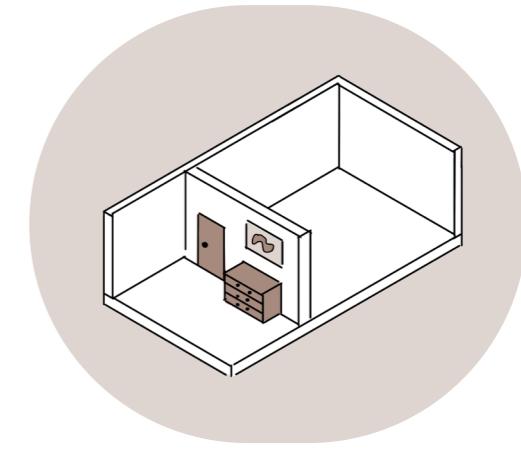
Providing a sense of purpose or reward for using the walking paths by adding destinations

BUILDING



Design simple floor plans. Use straight, L or H shaped corridors for clear sightlines

ROOM



Incorporate familiar items near the room entrance like a cabinet or artwork

ORIENTATION & ACCESSIBILITY

PRIVACY & SOCIAL SPACES

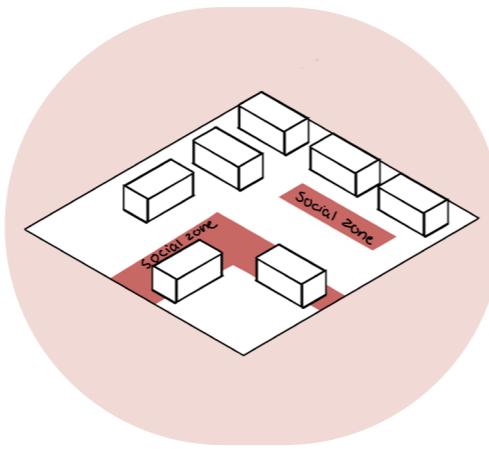
OUTDOOR ENVIRONMENT

AUTONOMY

FAMILIARITY

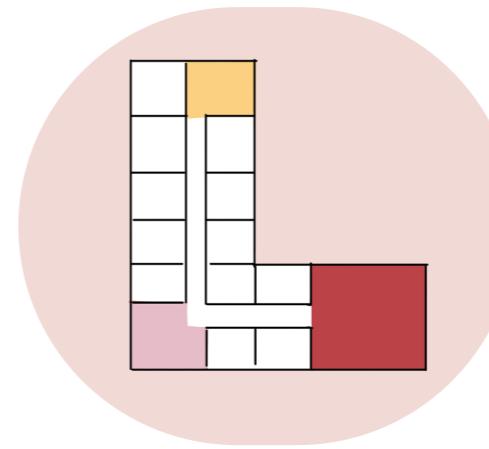
SENSORY ENGAGEMENT

ENVIRONMENTAL



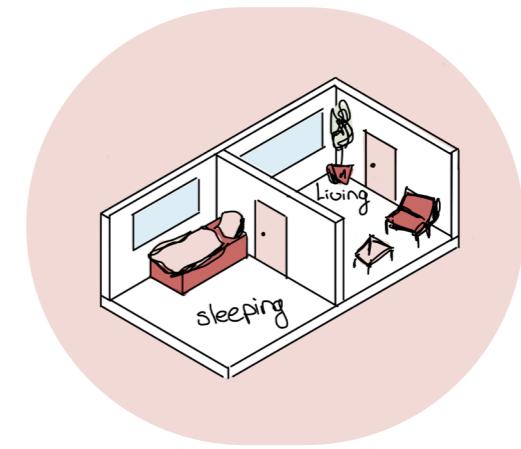
Create social zones in the environment to stimulate interaction and connection with the neighborhood

BUILDING



Include different living spaces with different characteristics to encourage social interaction

ROOM



Design personal rooms with separate zones to create a home-like atmosphere

ORIENTATION & ACCESSIBILITY

PRIVACY & SOCIAL SPACES

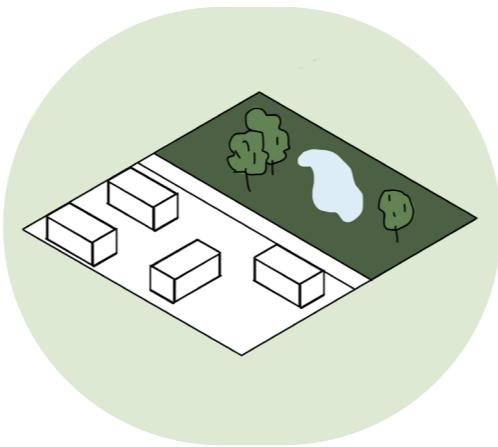
OUTDOOR ENVIRONMENT

AUTONOMY

FAMILIARITY

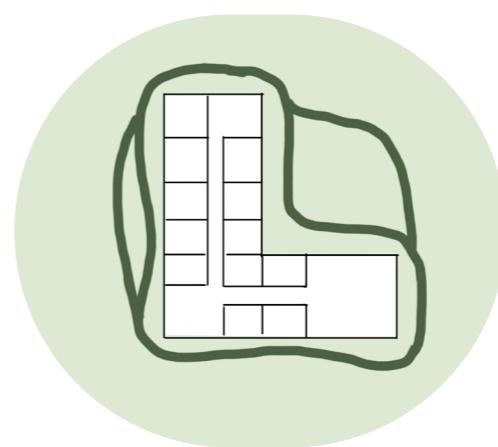
SENSORY ENGAGEMENT

ENVIRONMENTAL



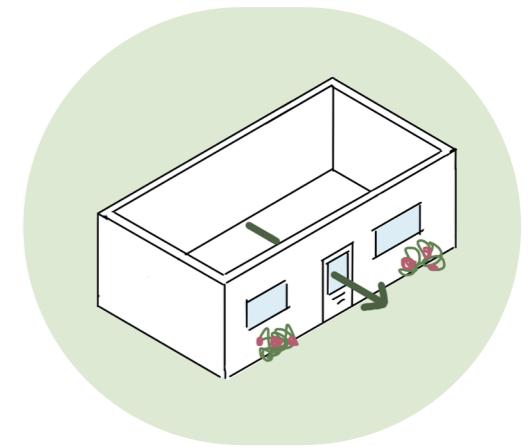
Provide enough (safe) green and blue spaces, as this is linked to a better quality of life

BUILDING



Use looped walking paths through the courtyard

ROOM



Provide direct access to a private outdoor space

ORIENTATION & ACCESSIBILITY

PRIVACY & SOCIAL SPACES

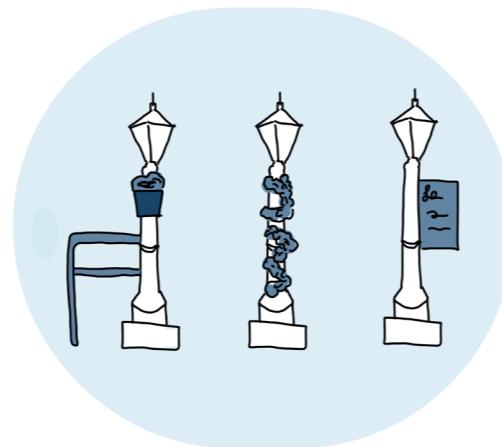
OUTDOOR ENVIRONMENT

AUTONOMY

FAMILIARITY

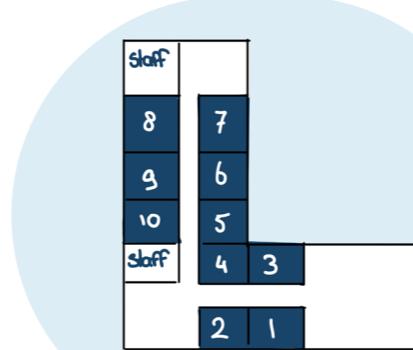
SENSORY ENGAGEMENT

ENVIRONMENTAL



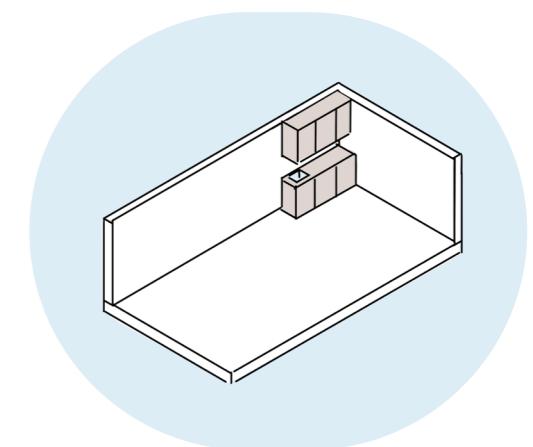
Varying street furniture can act as landmarks, helping orientation and supporting autonomy by allowing independent movement through the environment

BUILDING



Create small living units for 8-10 residents to enhance comfort and autonomy

ROOM



Include a small kitchenette with basic amenities

DESIGN GUIDELINES

ORIENTATION & ACCESSIBILITY

PRIVACY & SOCIAL SPACES

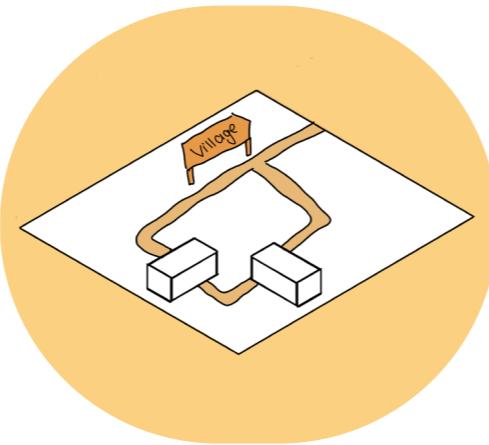
OUTDOOR ENVIRONMENT

AUTONOMY

FAMILIARITY

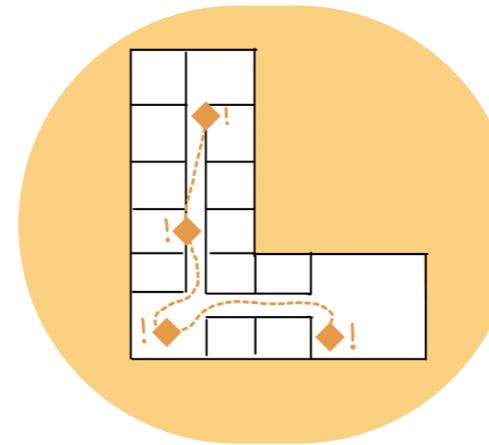
SENSORY ENGAGEMENT

ENVIRONMENTAL



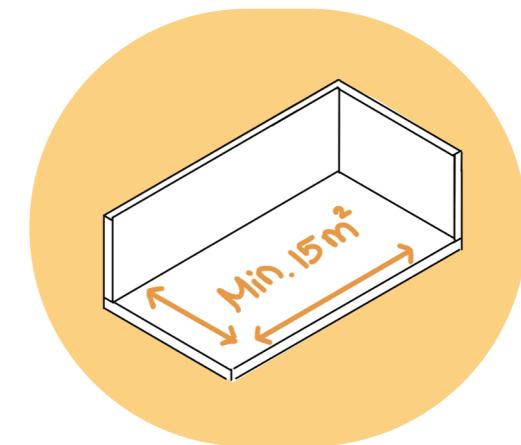
Create paths that connect to familiar local areas, such as the village center, to help residents maintain routines and feel at home

BUILDING



Ensure there are objects added in the hallways / living rooms that evoke familiarity

ROOM



Design rooms that are at least 15m² to accommodate personal furnishings and activities

DESIGN GUIDELINES

ORIENTATION & ACCESSIBILITY

PRIVACY & SOCIAL SPACES

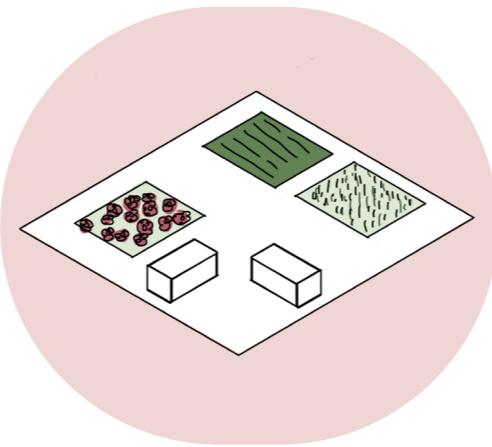
OUTDOOR ENVIRONMENT

AUTONOMY

FAMILIARITY

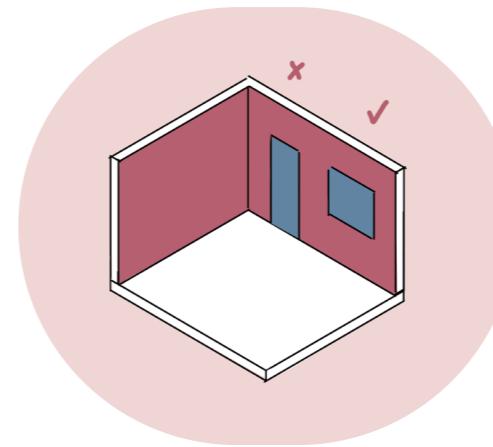
SENSORY ENGAGEMENT

ENVIRONMENTAL



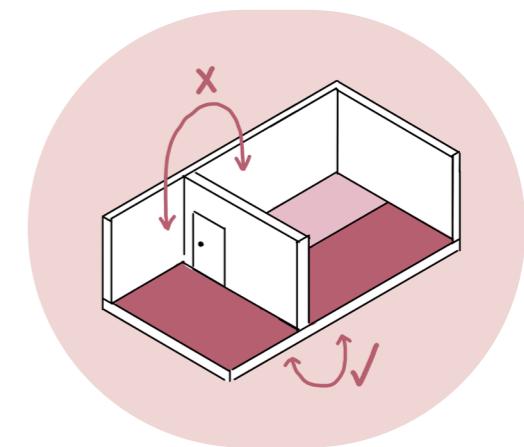
Ensure a varied environment with different sounds, textures and scents

BUILDING

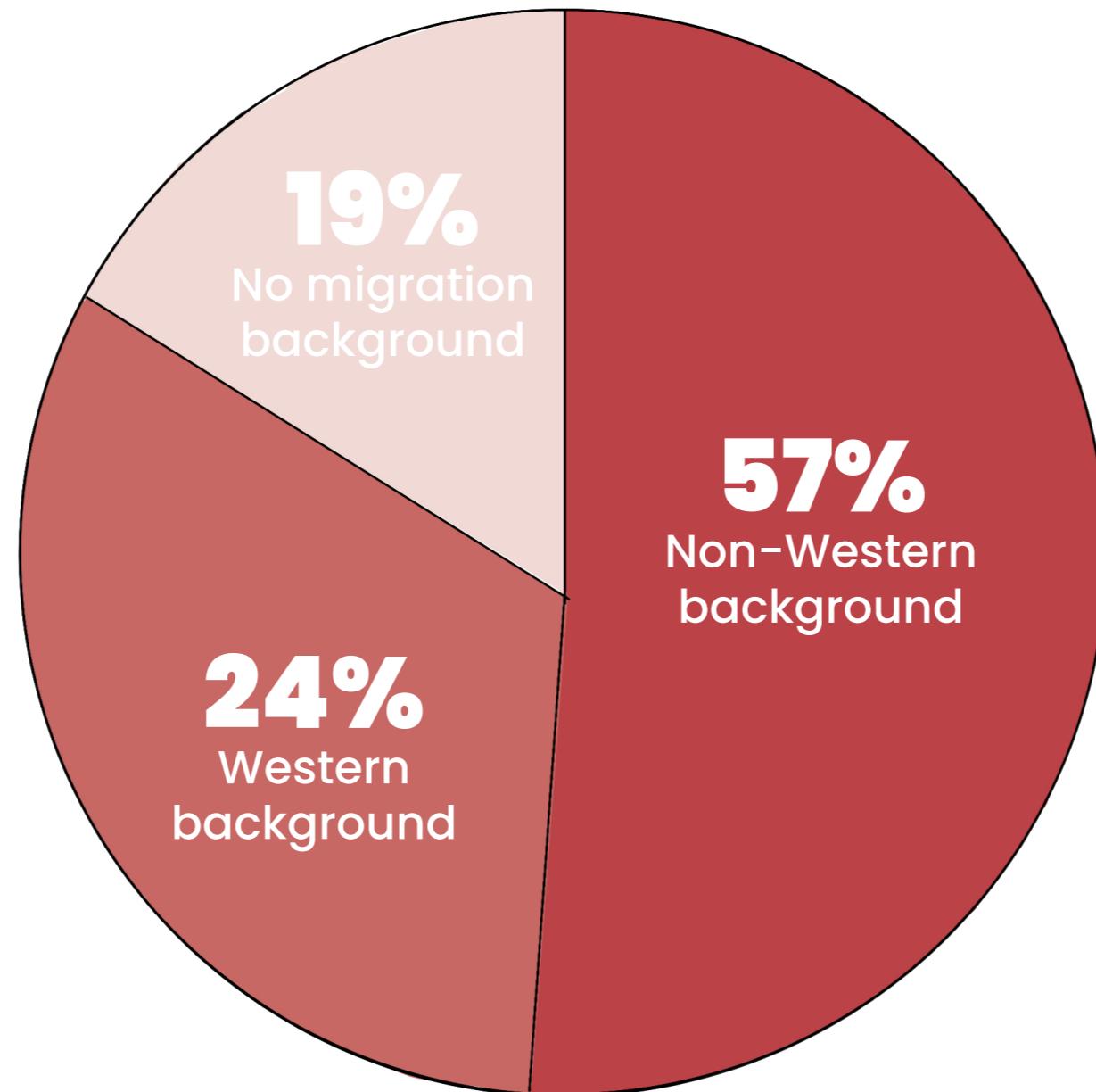


Prevent windows that go all the way down to the ground

ROOM



Ensure minimal contrast between floor materials of private rooms and corridors

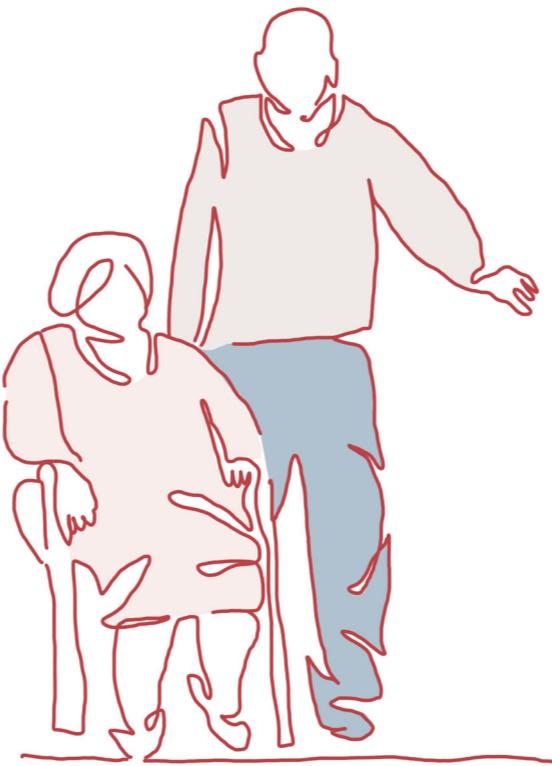


DIFFERENT SOLUTIONS

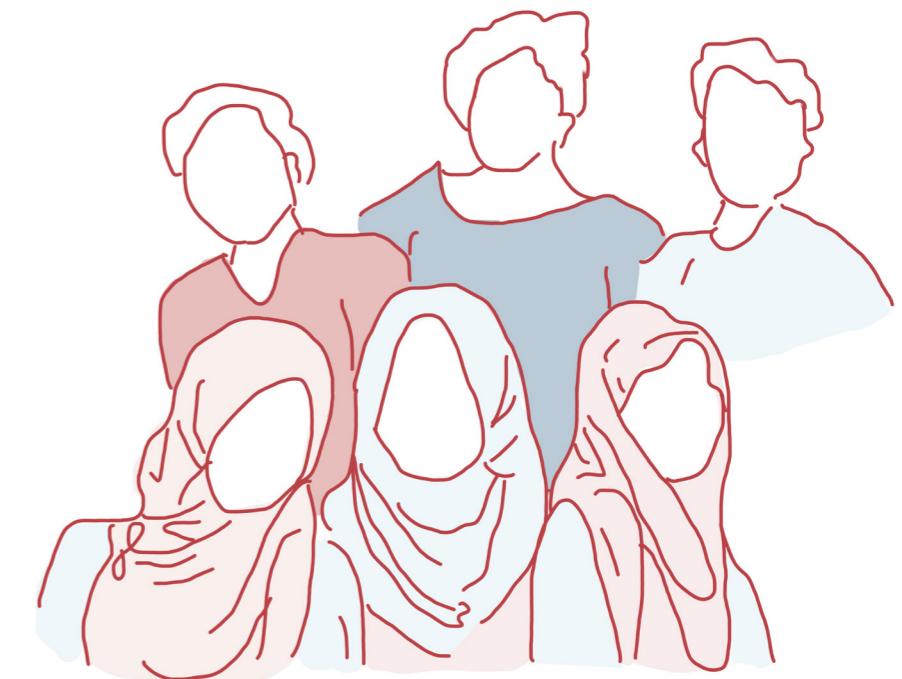
Married couple de Vries



Married couple Bakker



Family Yilmaz



DIFFERENT SOLUTIONS

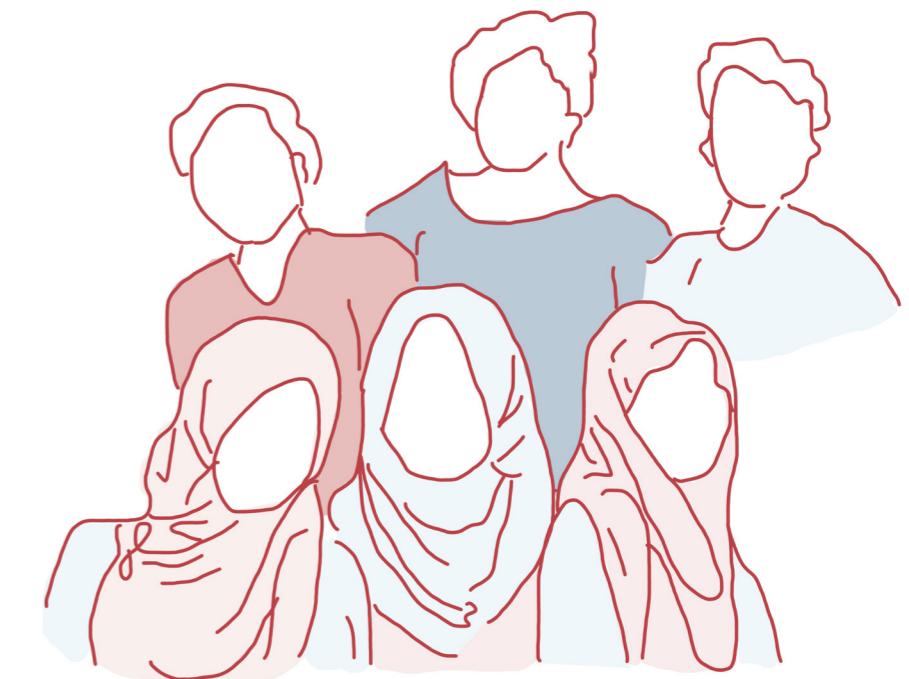
Married couple de Vries



Married couple Bakker



Family Yilmaz



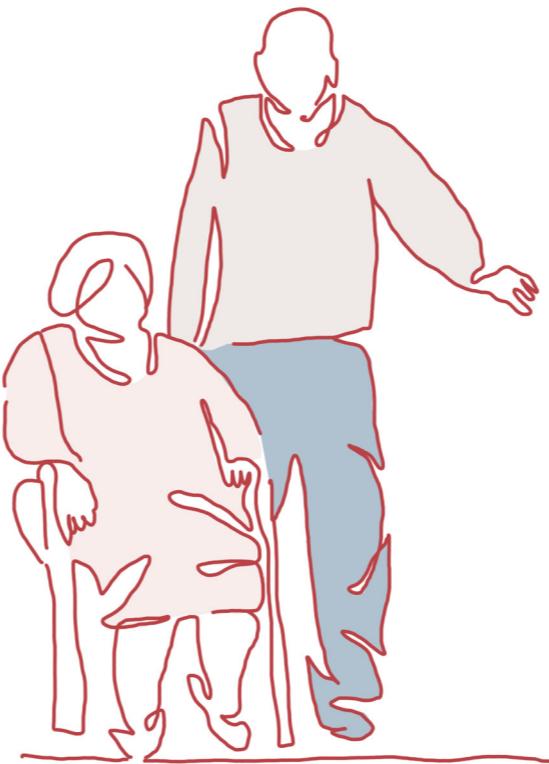
ASSISTED LIVING

DIFFERENT SOLUTIONS

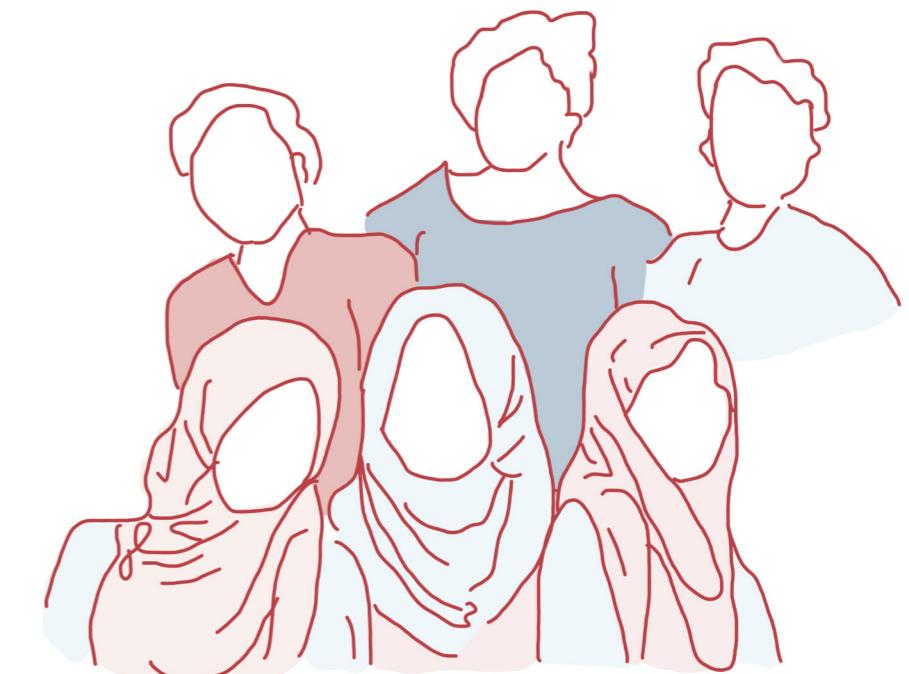
Married couple de Vries



Married couple Bakker



Family Yilmaz



ASSISTED LIVING

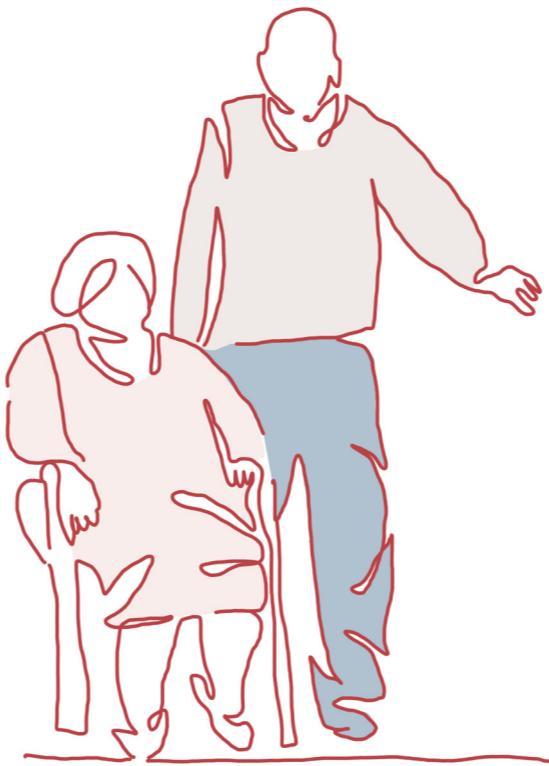
24 / 7 CARE

DIFFERENT SOLUTIONS

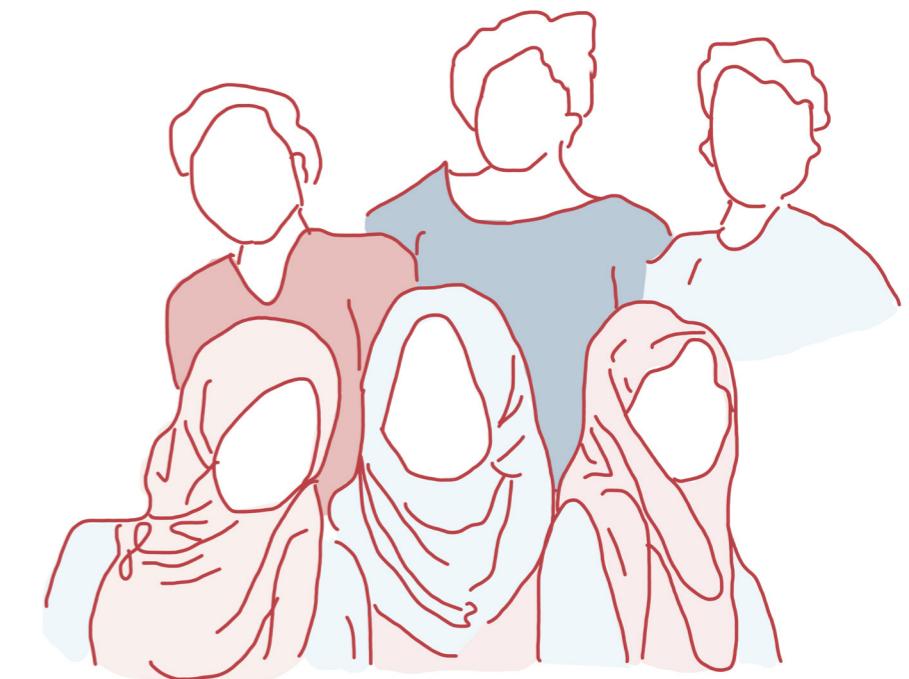
Married couple de Vries



Married couple Bakker



Family Yilmaz



ASSISTED LIVING

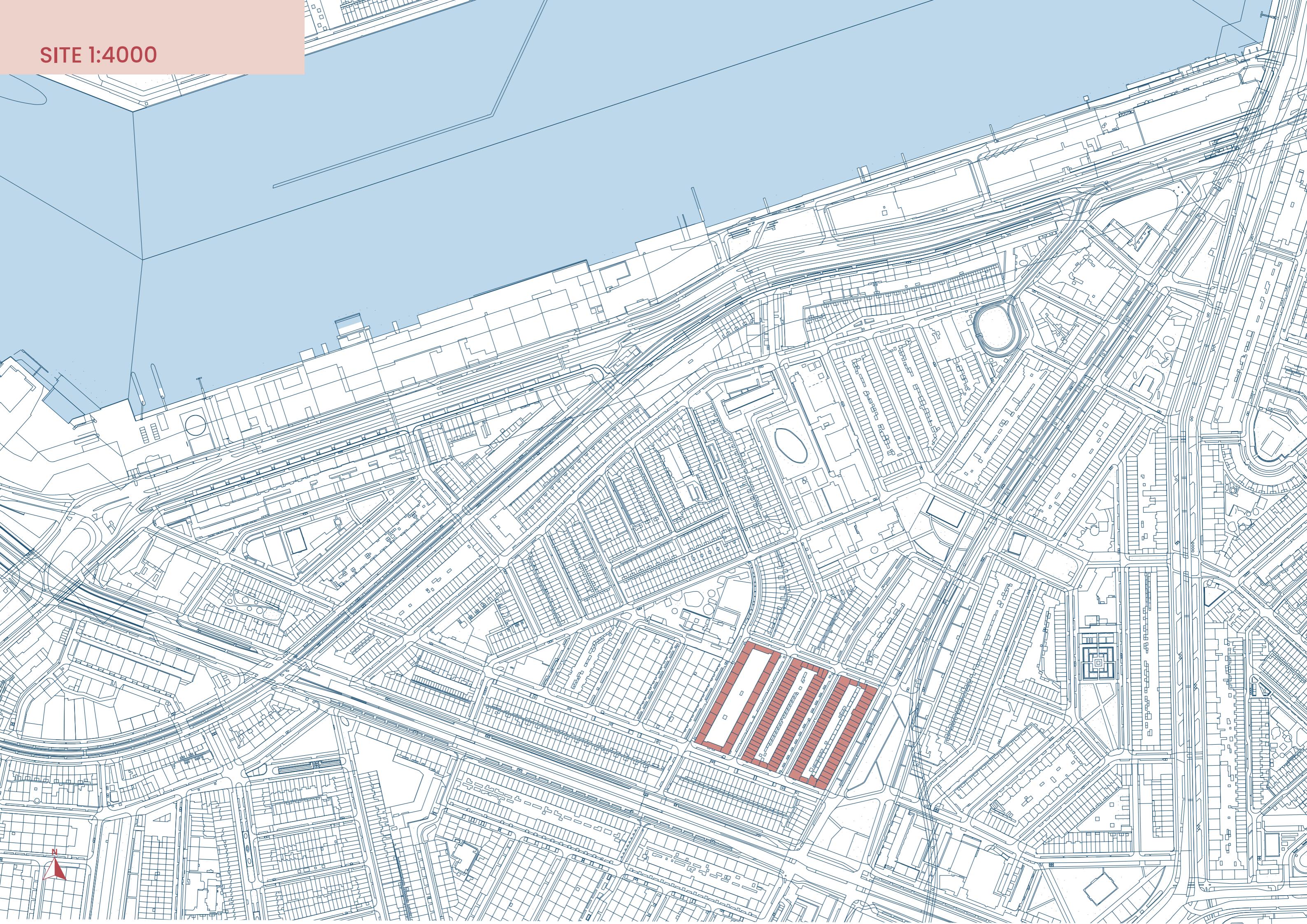


24 / 7 CARE



INTERGENERATIONAL HOME

SITE 1:4000



SITE

FUNCTIONS



GREENERY



SITE

FAST TRAFFIC



PUBLIC TRANSPORT



SITE

SLOW TRAFFIC

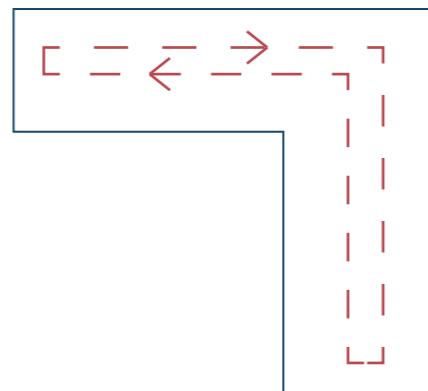


PUBLIC TRANSPORT

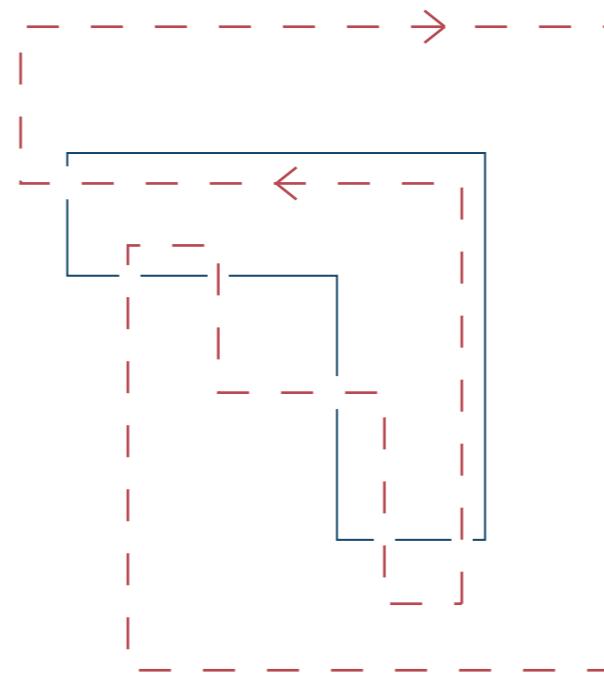


1. AUTONOMY

✗



✓



Freedom of movement

Making choices

2. QUALITY OF LIFE



08:00	Wake up
08:30	Breakfast
09:00 – 12:00	Sit in the living room
12:00	Lunch
13:00 – 17:00	Sit in the living room
17:00	Dinner
18:00 – 19:00	Sit in the living room
20:00	Go to bed



08:00	Wake up
08:30	Breakfast
09:00 – 12:00	Go to the knitting club next to the care facility
12:15	Back to the care facility for lunch
13:00 – 14:30	Walking outside and watching the animals
14:30 – 17:00	Back to the care facility to read
17:00	Dinner
18:30 – 20:30	Movie night at the theater next to the care facility
21:00	Go to bed

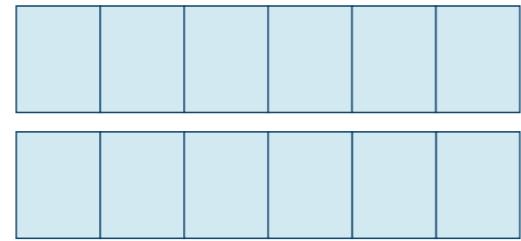
Things to visit & things to do

Dont sit inside all day

3. DIFFERENT STAGES OF ELDERLY WITH DEMENTIA TOGETHER

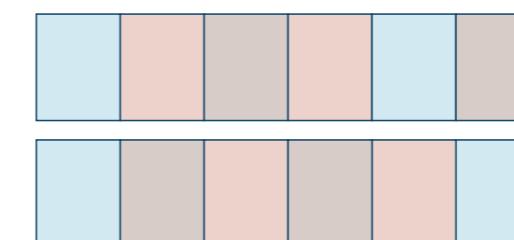
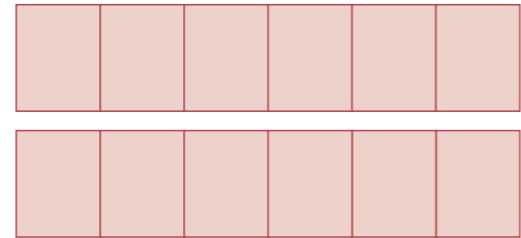
✗

Moderate
dementia



✓

Severe
dementia



4. DIFFERENT SOLUTIONS FOR DIFFERENT CULTURAL GROUPS

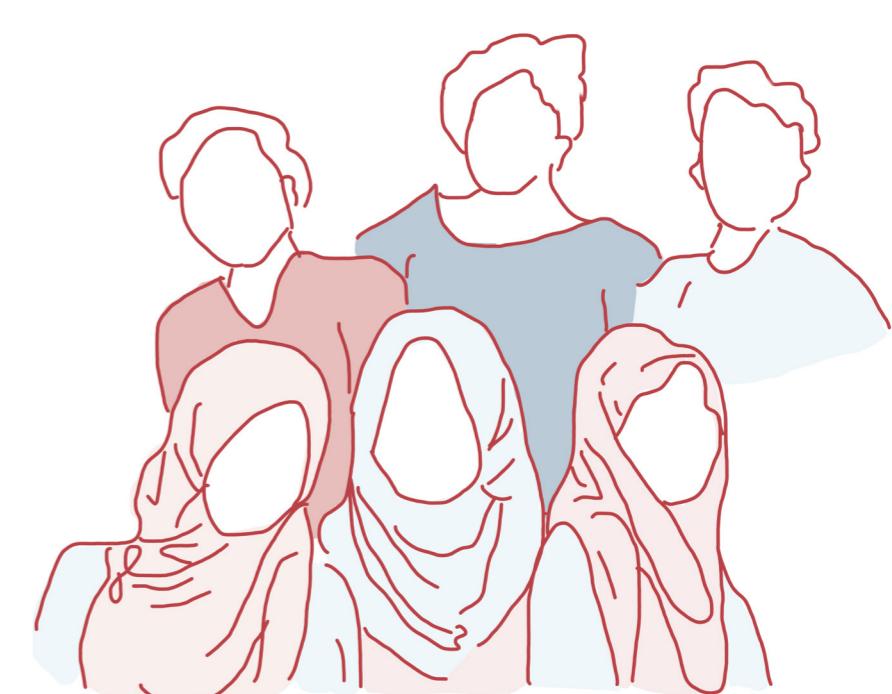
Married couple de Vries



Married couple Bakker



Family Yilmaz



ASSISTED LIVING

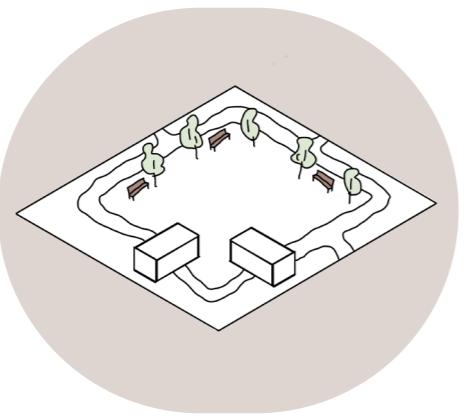


24 / 7 CARE

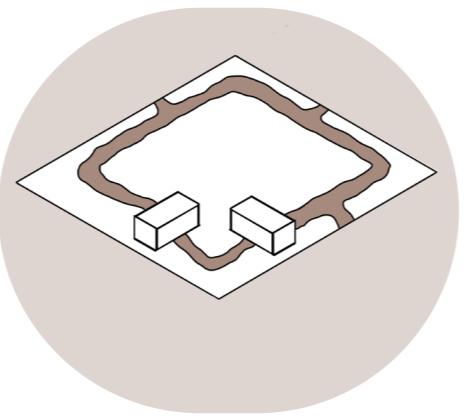


INTERGENERATIONAL HOME

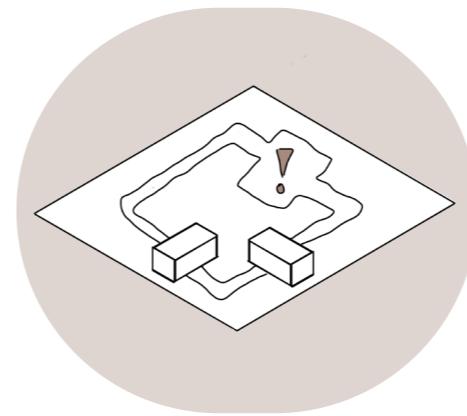
CRITERIA ENVIRONMENT:



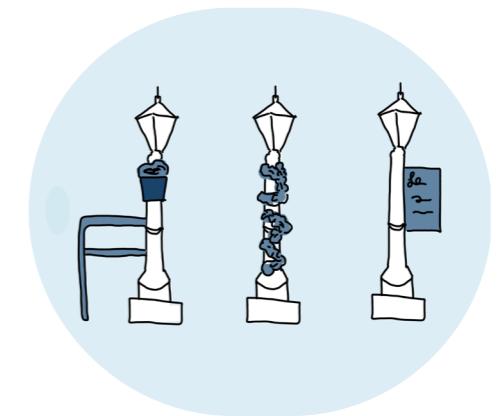
Resting spots



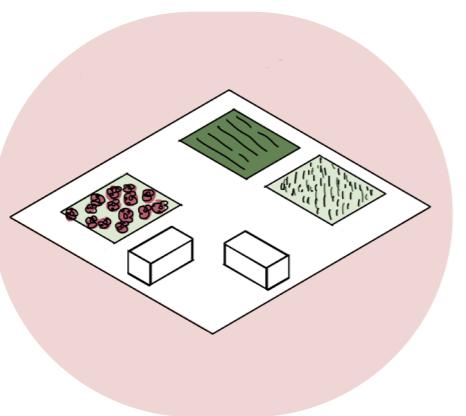
Safe walking paths



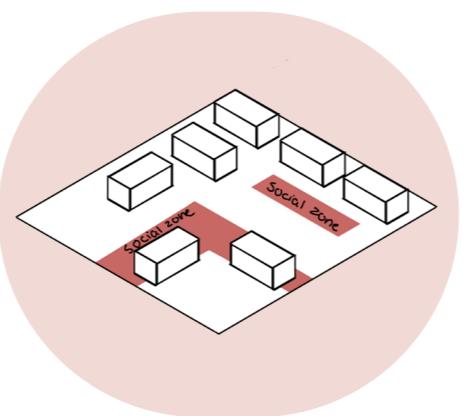
Purpose



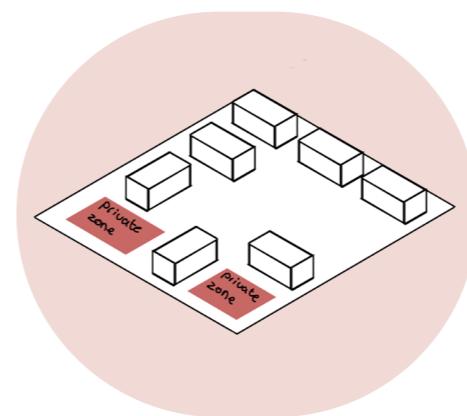
Landmarks



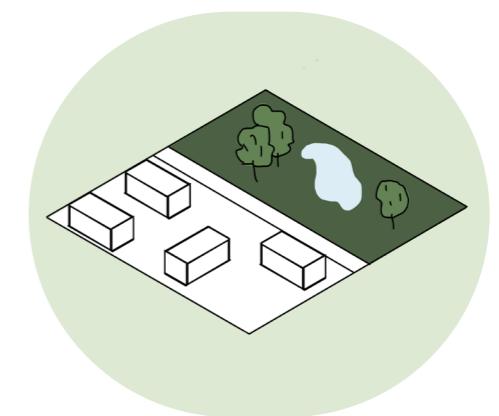
Varied environment



Social zones

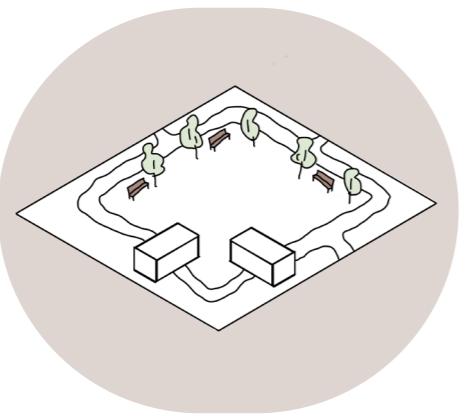


Private zones

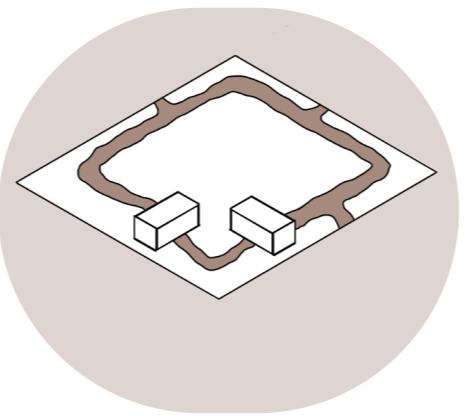


Green & blue

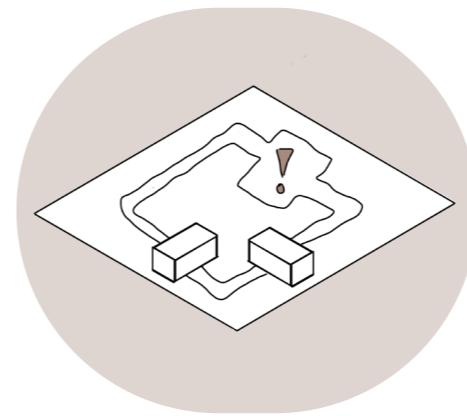
CRITERIA ENVIRONMENT:



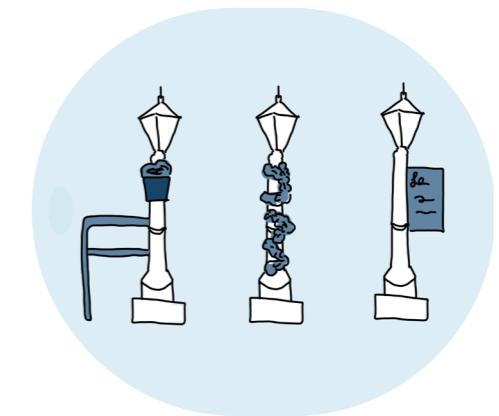
Resting spots



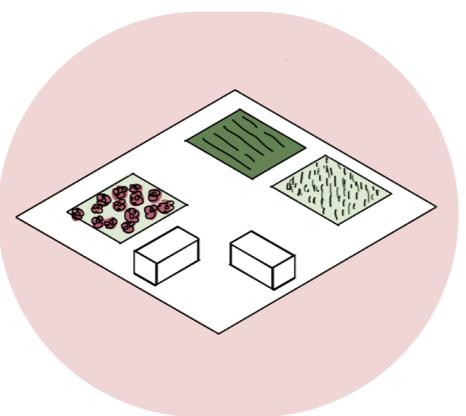
Safe walking paths



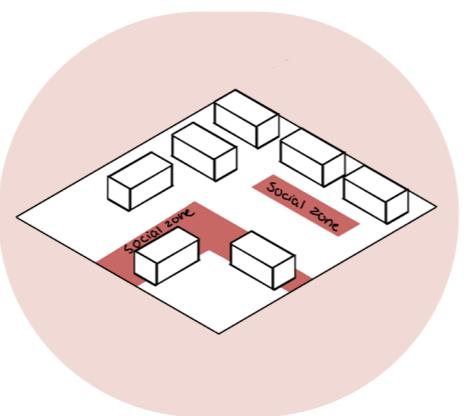
Purpose



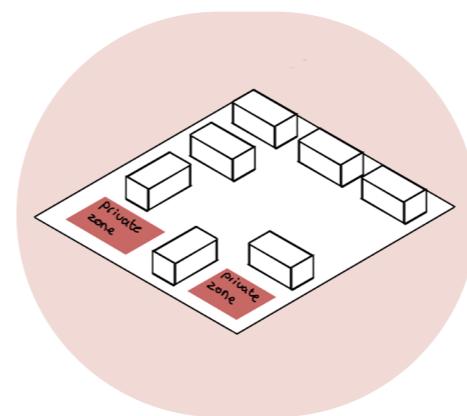
Landmarks



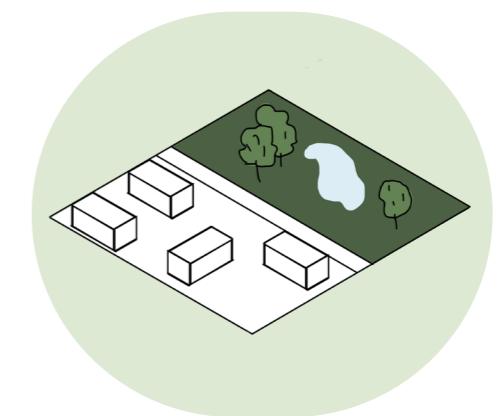
Varied environment



Social zones



Private zones



Green & blue

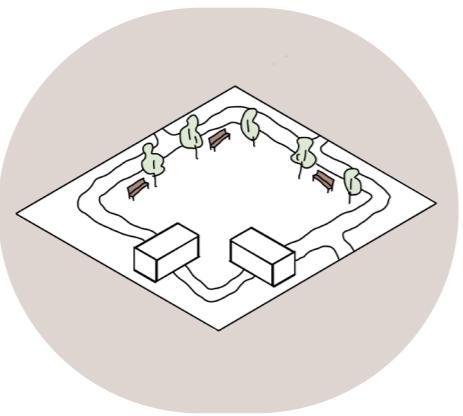
SHARED:

Multi-functional rooms ca. 30 m²

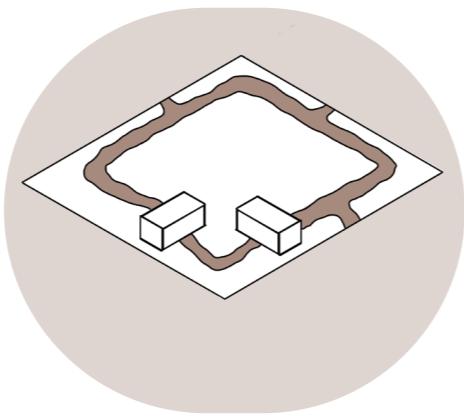
(Knitting, painting, movie night, church, lecture, music etc.)

PROGRAM: ENVIRONMENT

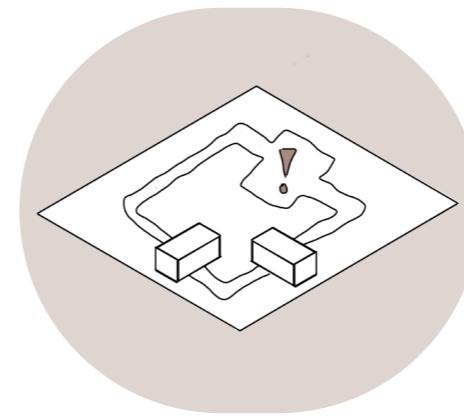
CRITERIA ENVIRONMENT:



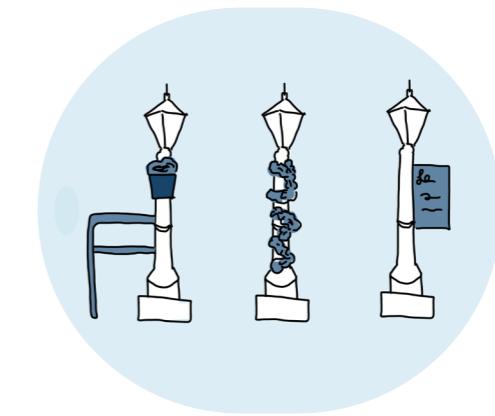
Resting spots



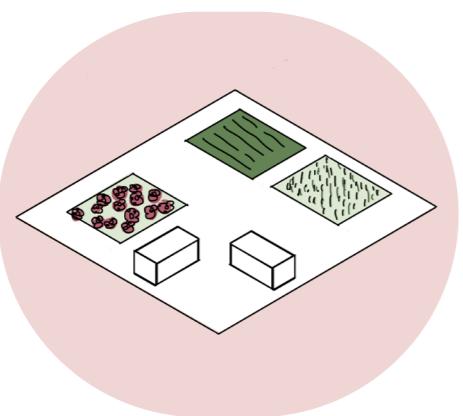
Safe walking paths



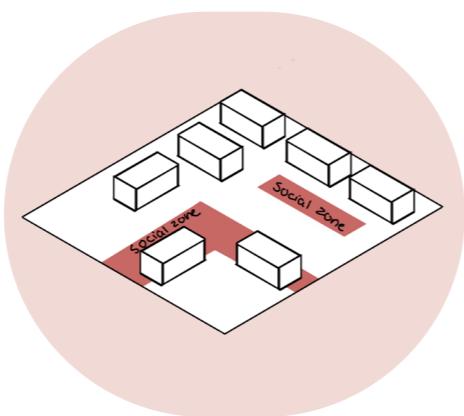
Purpose



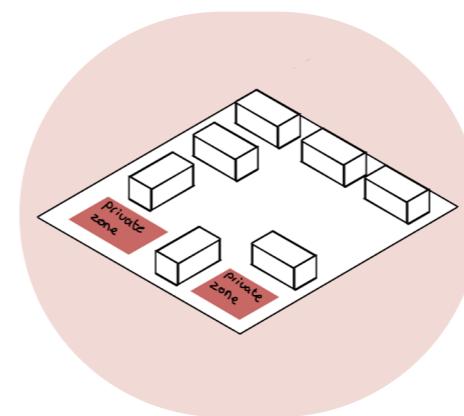
Landmarks



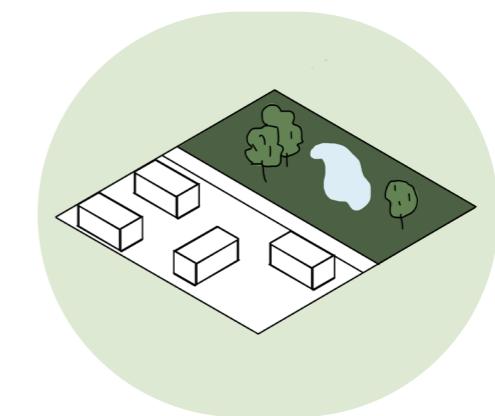
Varied environment



Social zones



Private zones



Green & blue

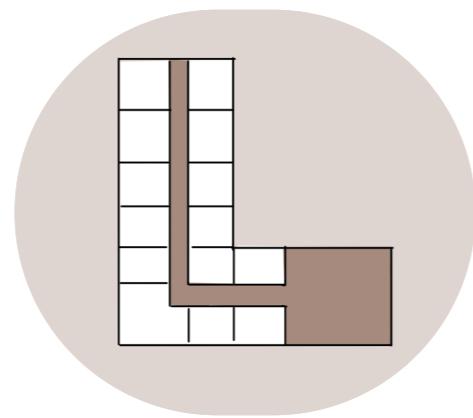
SHARED:

Multi-functional rooms ca. 30 m²
(knitting, painting, movie night, church, lecture, music etc.)

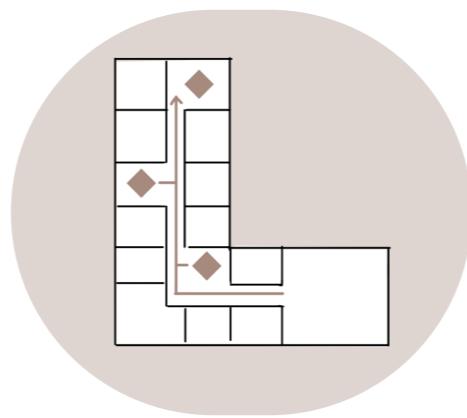
PUBLIC:

Restaurant / café	ca. 150m ²
Hairdresser	ca. 30m ²
Small supermarket	ca. 100m ²

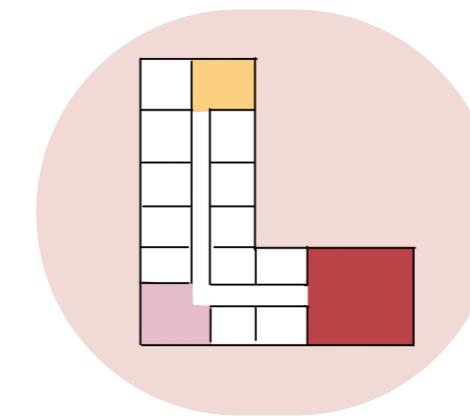
CRITERIA 24/7 CARE FACILITY:



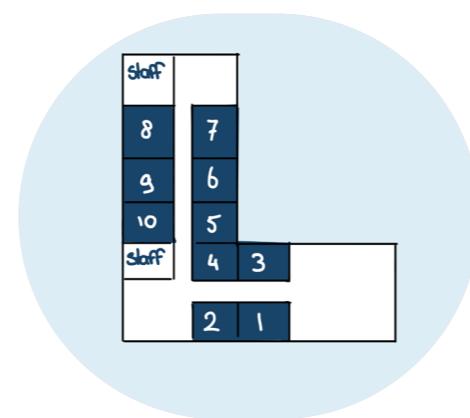
Simple floor plan



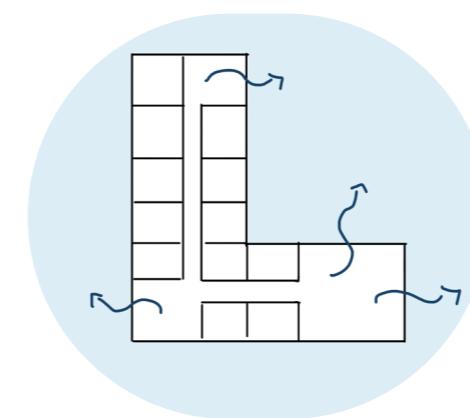
No dead-ends



Different characteristics

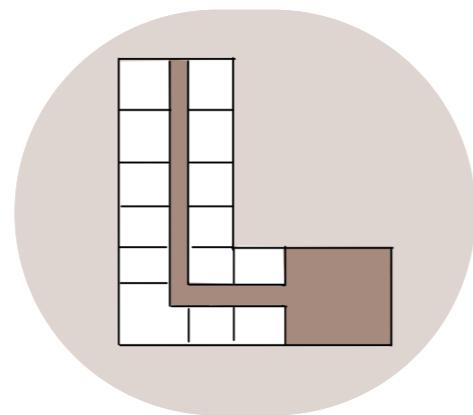


Small living groups

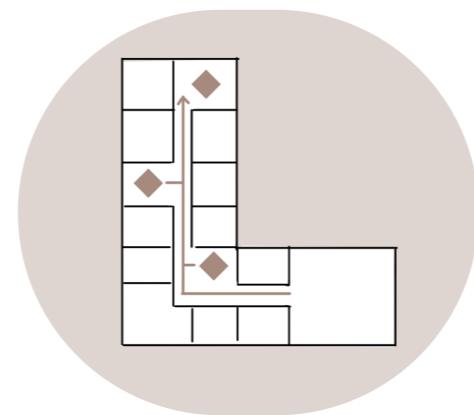


Outside accessible

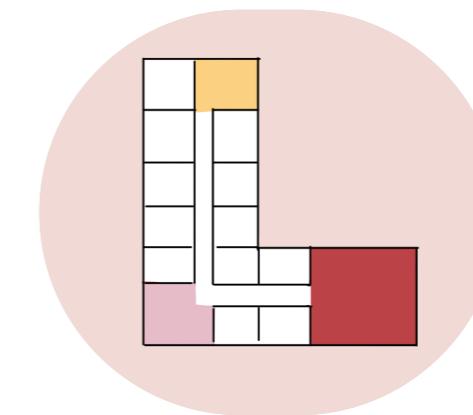
CRITERIA 24/7 CARE FACILITY:



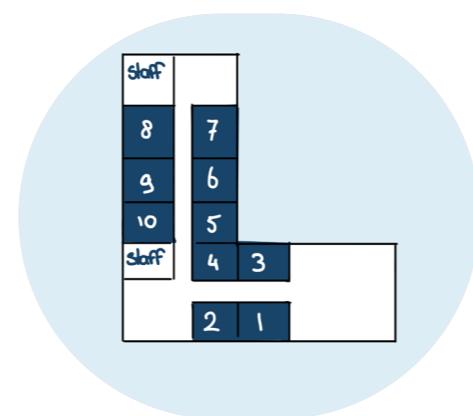
Simple floor plan



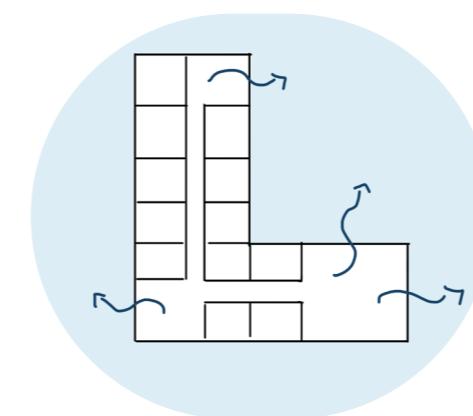
No dead-ends



Different characteristics



Small living groups

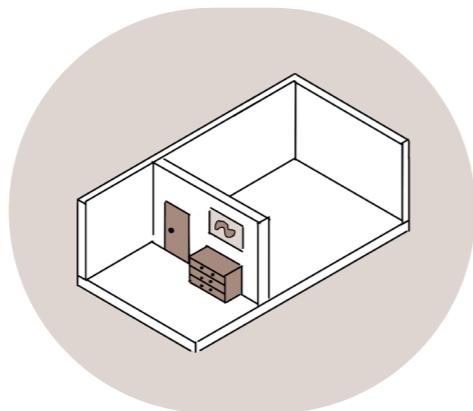


Outside accessible

REQUIREMENTS

+- 4 big apartments	35m ²
+- 4 small apartments	20m ²
Collective living room / kitchen	50m ²
Smaller quiet living room	15 m ²
Storage	15m ²
Laundry	10m ²
Staff office	10m ²

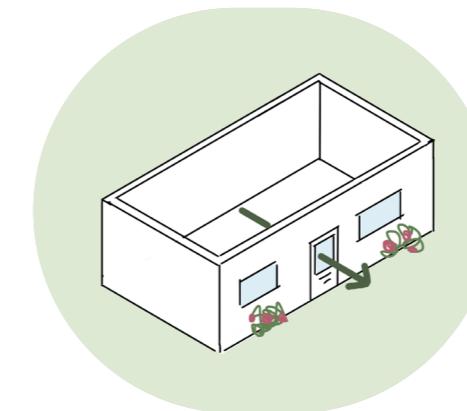
CRITERIA 24/7 CARE FACILITY – ROOM:



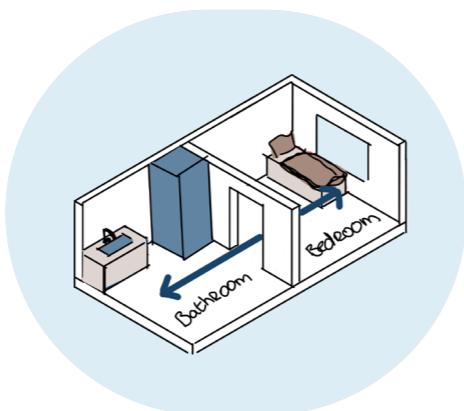
Recognition



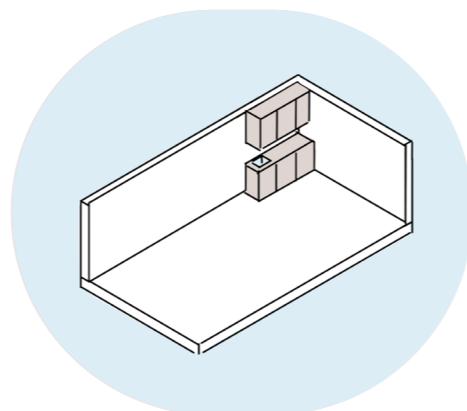
Sleep and living zone



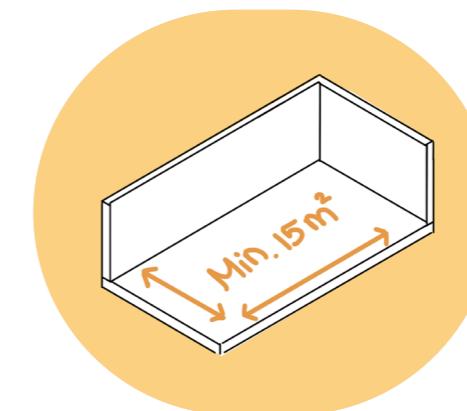
Access outdoors



Private bathroom



Kitchenette



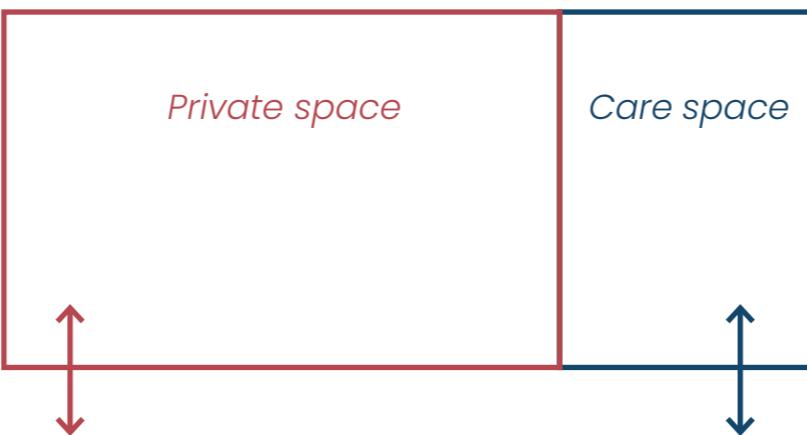
Min 15m²

REQUIREMENTS ASSISTED LIVING:

Private space

- Bedroom
- Bathroom
- Living room
- Balcony
- Storage

	<i>Care space</i>	
Bedroom	15m ²	15m ²
Bathroom	10m ²	10m ²
Living room	20m ²	
Balcony	10m ²	
Storage	5m ²	



PROGRAM: INTERGENERATIONAL HOME

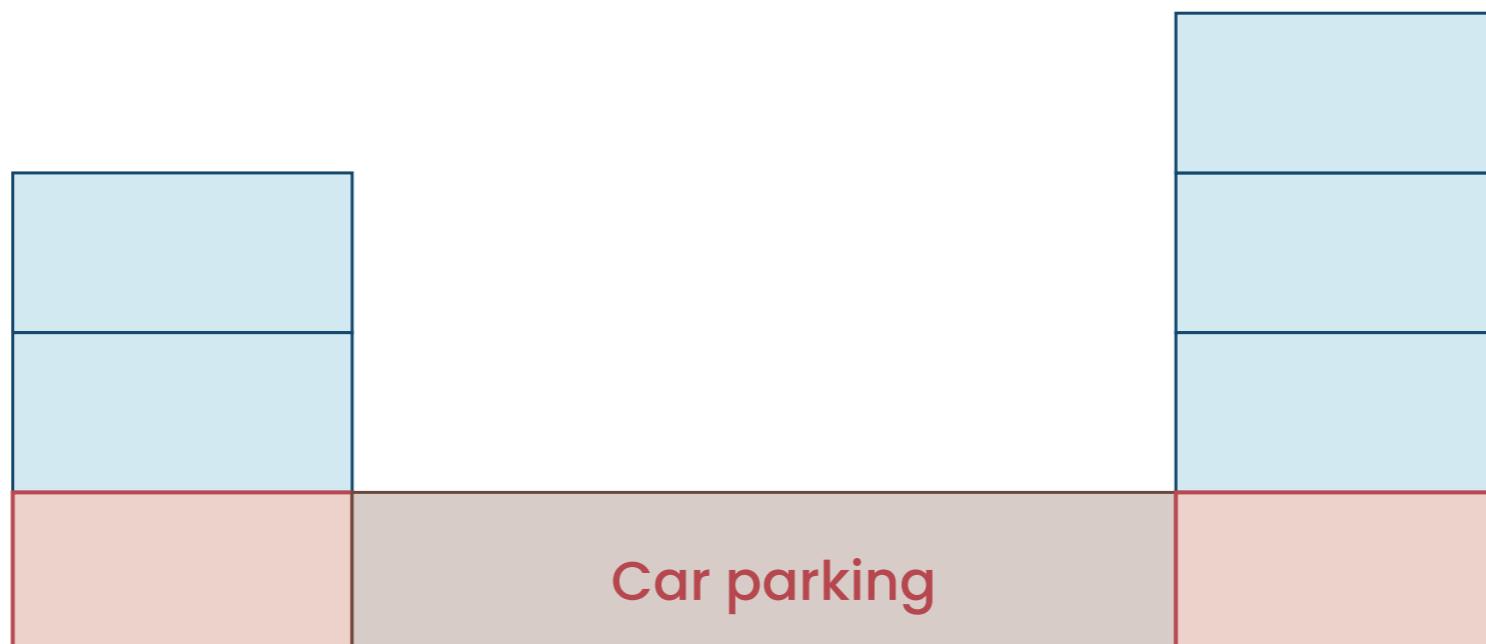
REQUIREMENTS INTERGENERATIONAL HOME:

<i>Parents unit ground floor (elderly)</i>		<i>Upper unit (their children)</i>	
Bedroom	15m ²	Master bedroom	15m ²
Bathroom	10m ²	Bedroom 2	10m ²
Living room	20m ²	Bedroom 3	10m ²
Storage	5m ²	Bathroom	12m ²
Outdoor space	8m ²	Living room	25m ²
		Storage	5m ²

PROGRAM: INTERGENERATIONAL HOME

REQUIREMENTS INTERGENERATIONAL HOME:

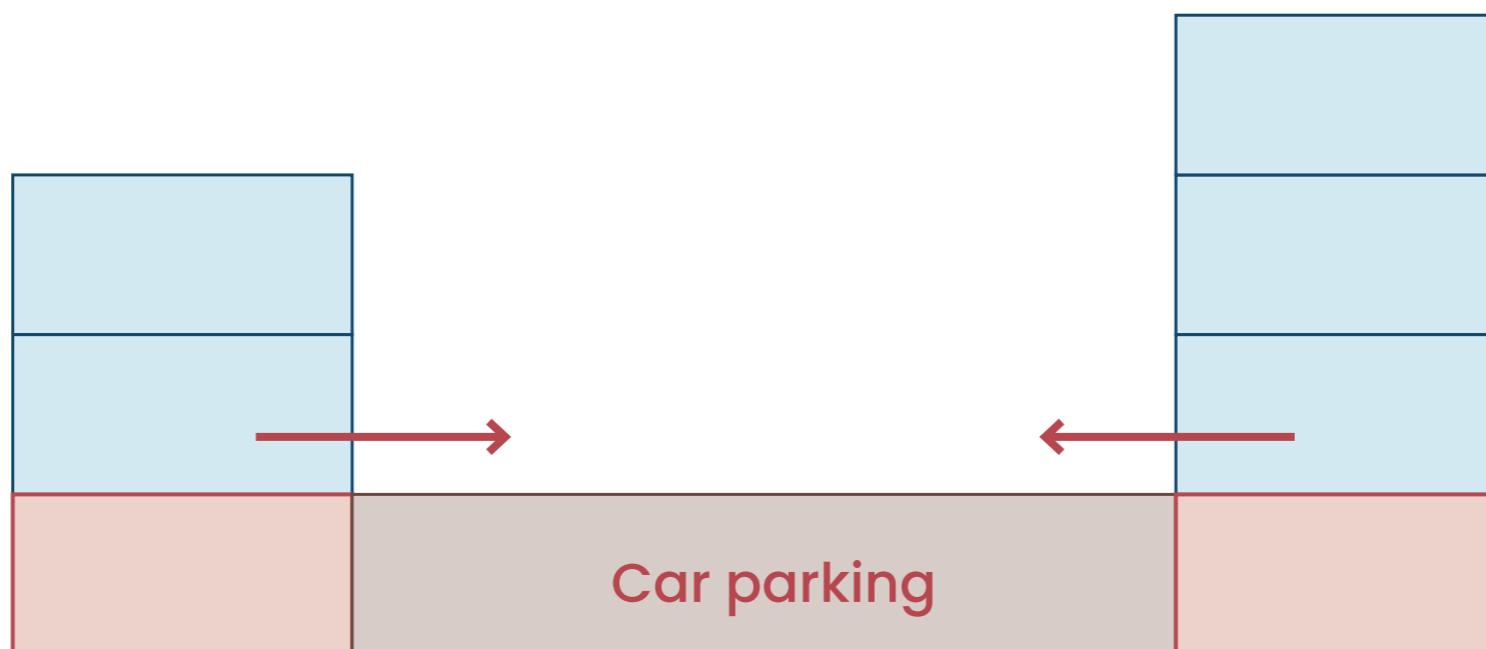
<i>Parents unit ground floor (elderly)</i>	<i>Upper unit (their children)</i>	
Bedroom	15m ²	Master bedroom
Bathroom	10m ²	Bedroom 2
Living room	20m ²	Bedroom 3
Storage	5m ²	Bathroom
Outdoor space	8m ²	Living room
		Storage



PROGRAM: INTERGENERATIONAL HOME

REQUIREMENTS INTERGENERATIONAL HOME:

<i>Parents unit ground floor (elderly)</i>		<i>Upper unit (their children)</i>	
Bedroom	15m ²	Master bedroom	15m ²
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Storage	5m ²	Bathroom	12m ²
Outdoor space	8m ²	Living room	25m ²
		Storage	5m ²

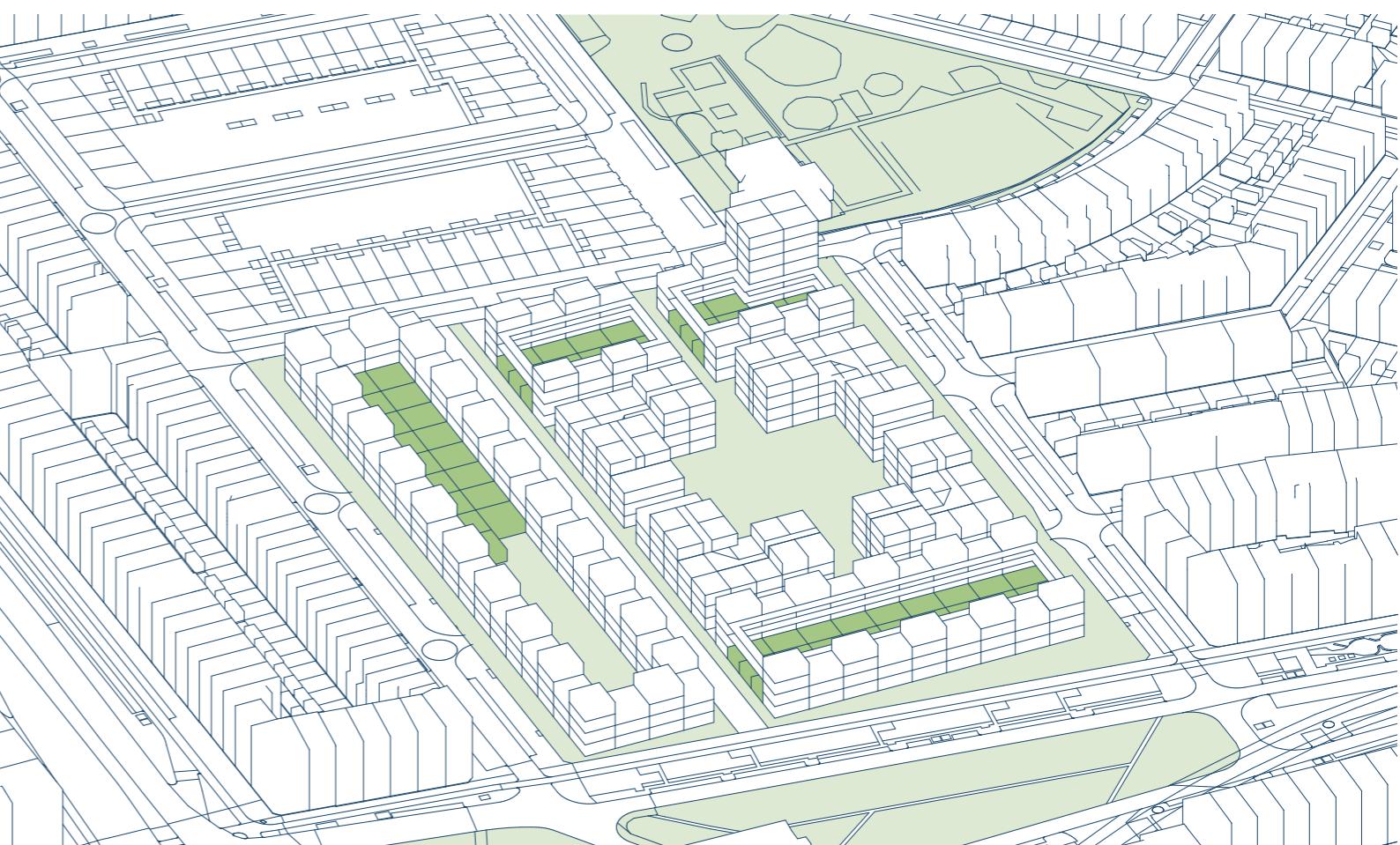
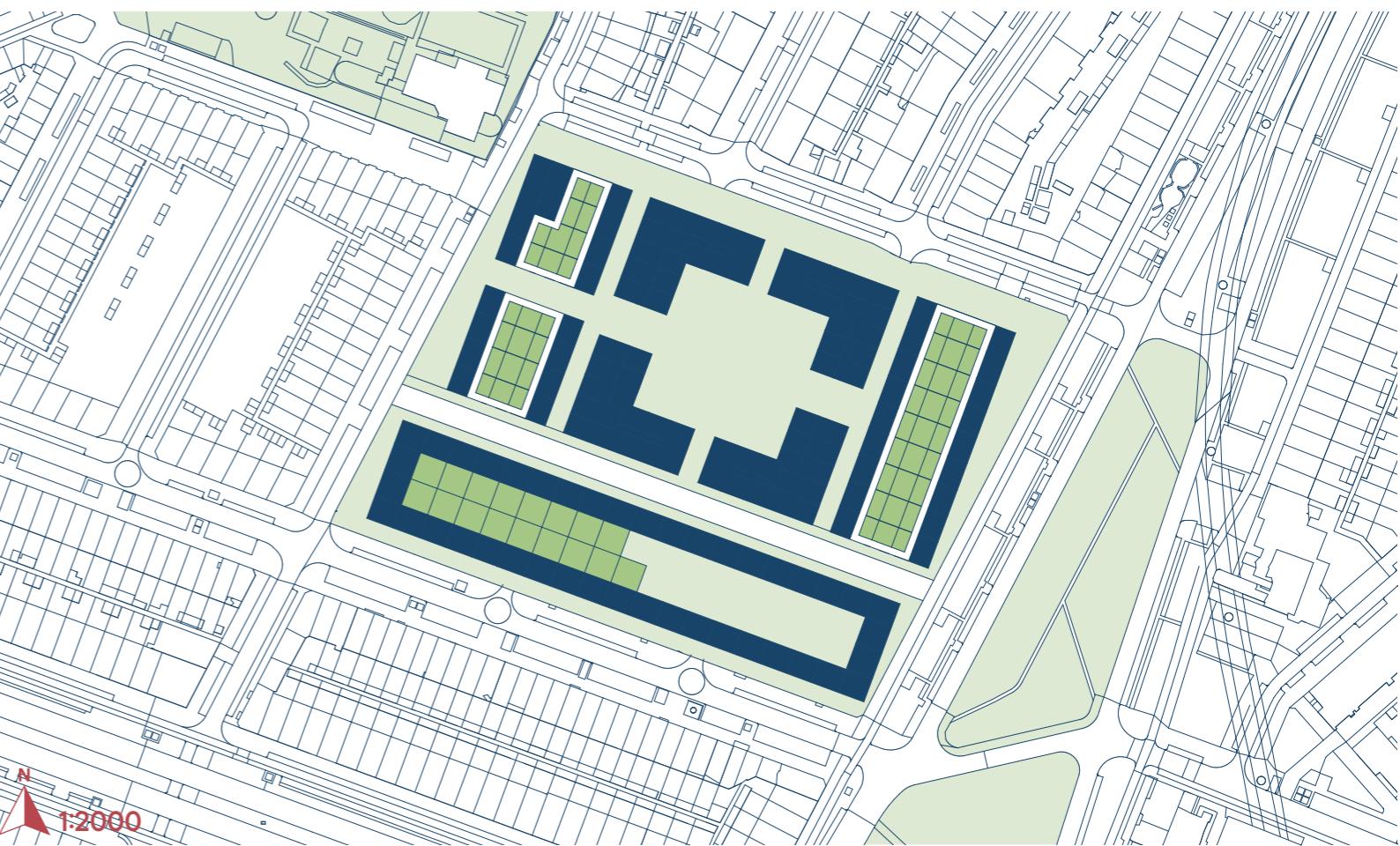


MASS STUDY A

Quantities

Intergenerational living =	60 (120)
24/7 care spots =	32
Assisted living apartments =	44
Guest rooms =	6
Appartements ca. 50m ² =	30
Total: 232	

- One big inner courtyard
- safe pedestrian area
- care at the heart of the project
- 24/7 care only on the ground floor
- on the outer edge the intergenerational living



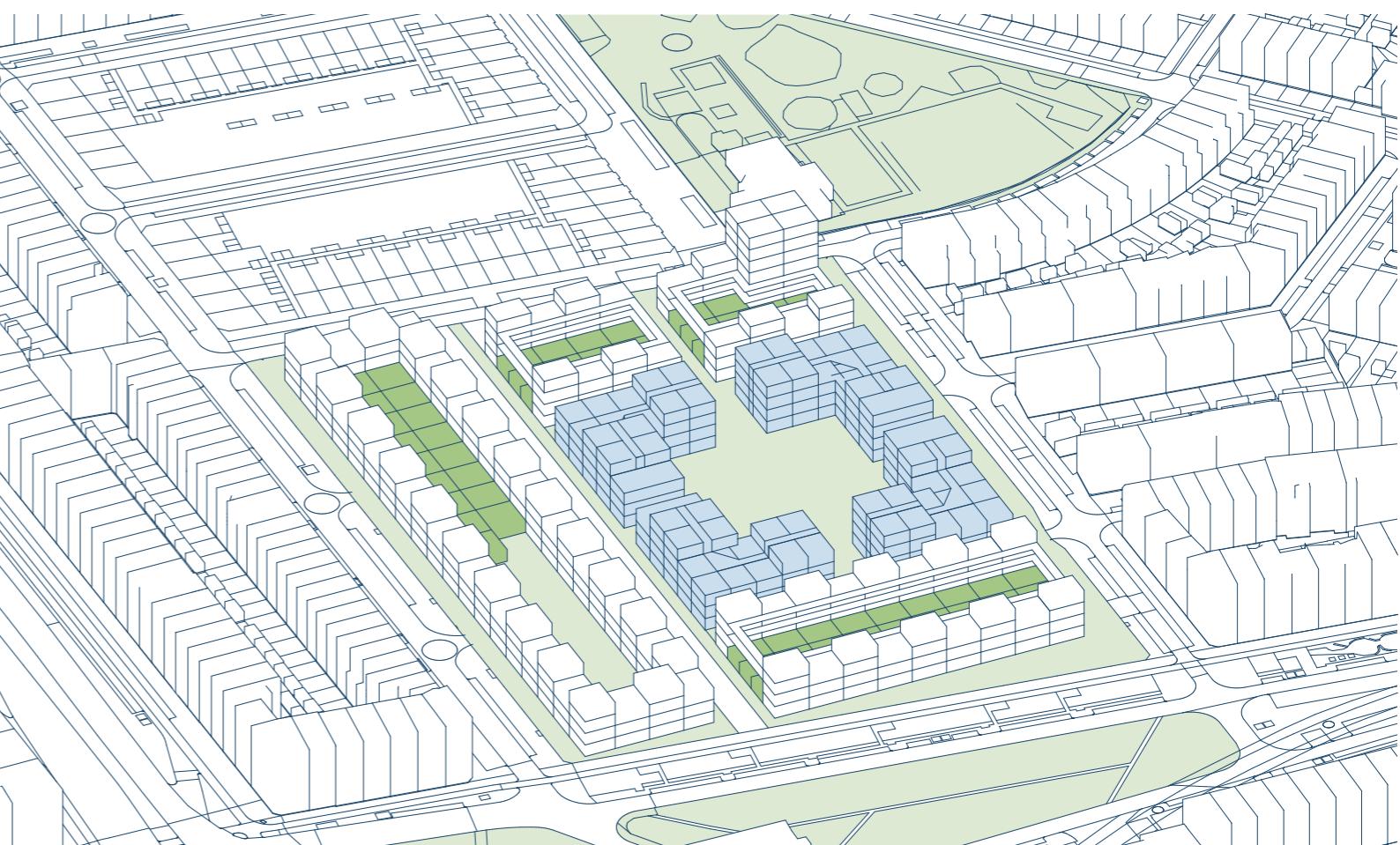
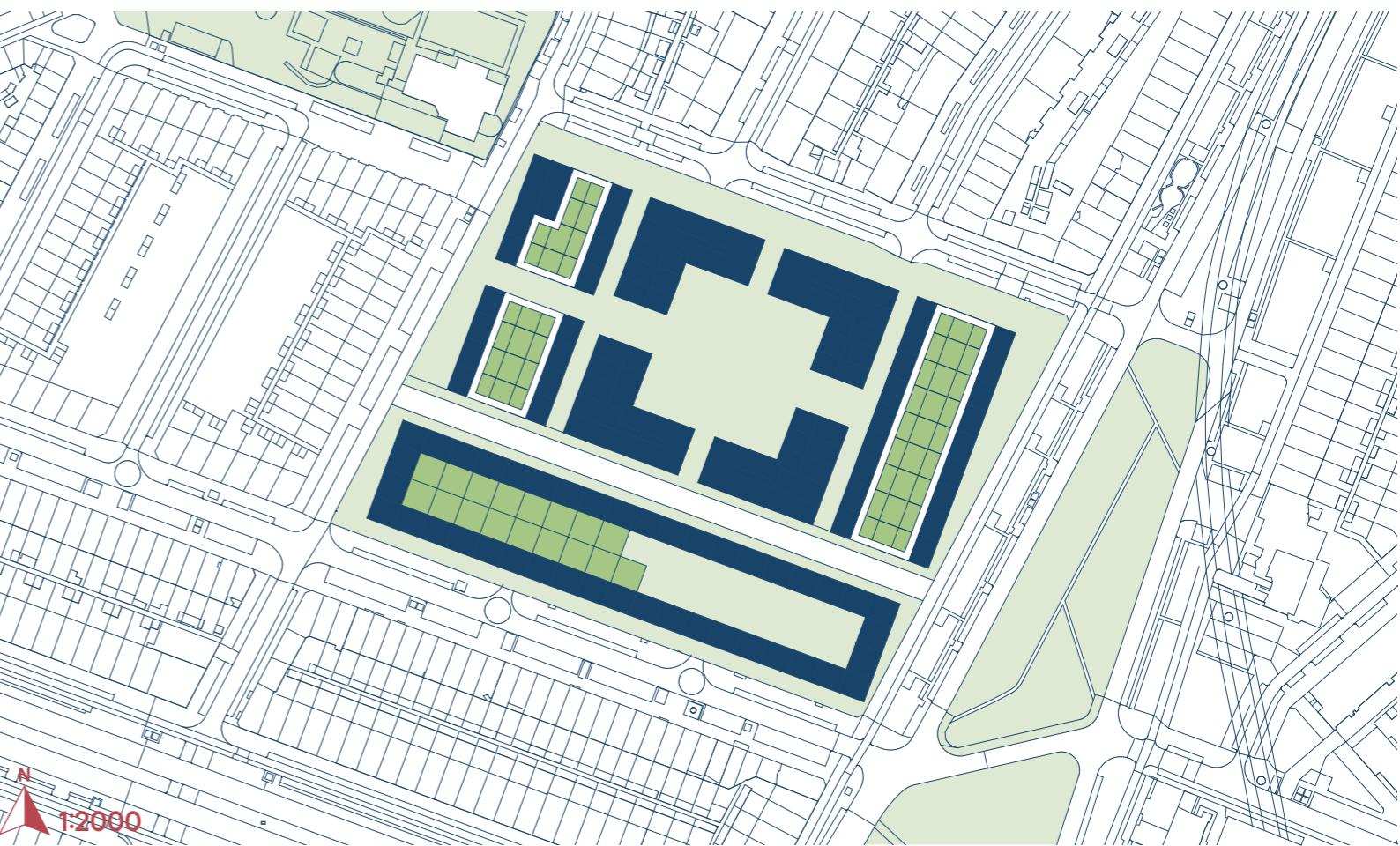
MASS STUDY A

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Total: 232

- One big inner courtyard
- safe pedestrian area
- care at the heart of the project
- 24/7 care only on the ground floor
- on the outer edge the intergenerational living



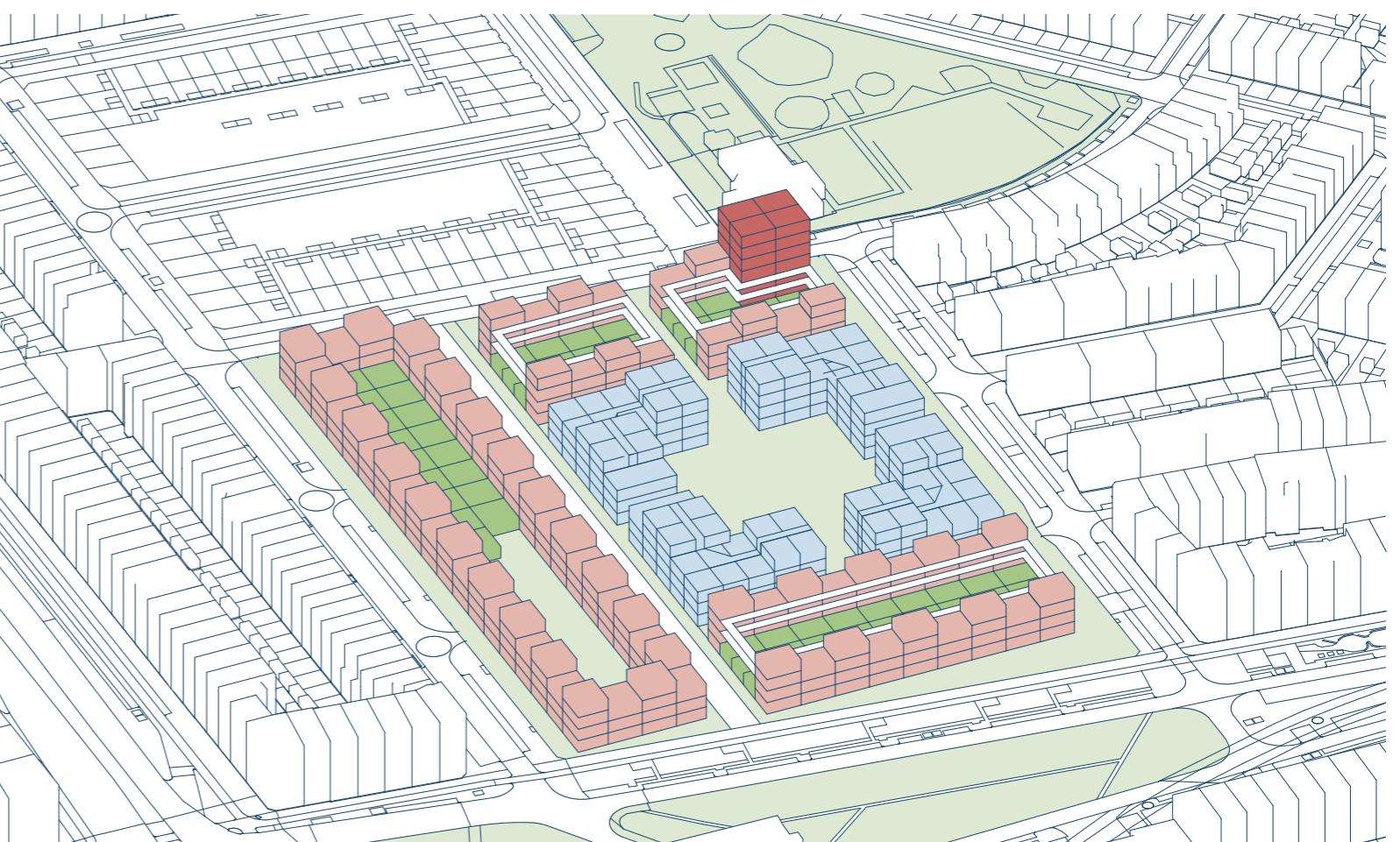
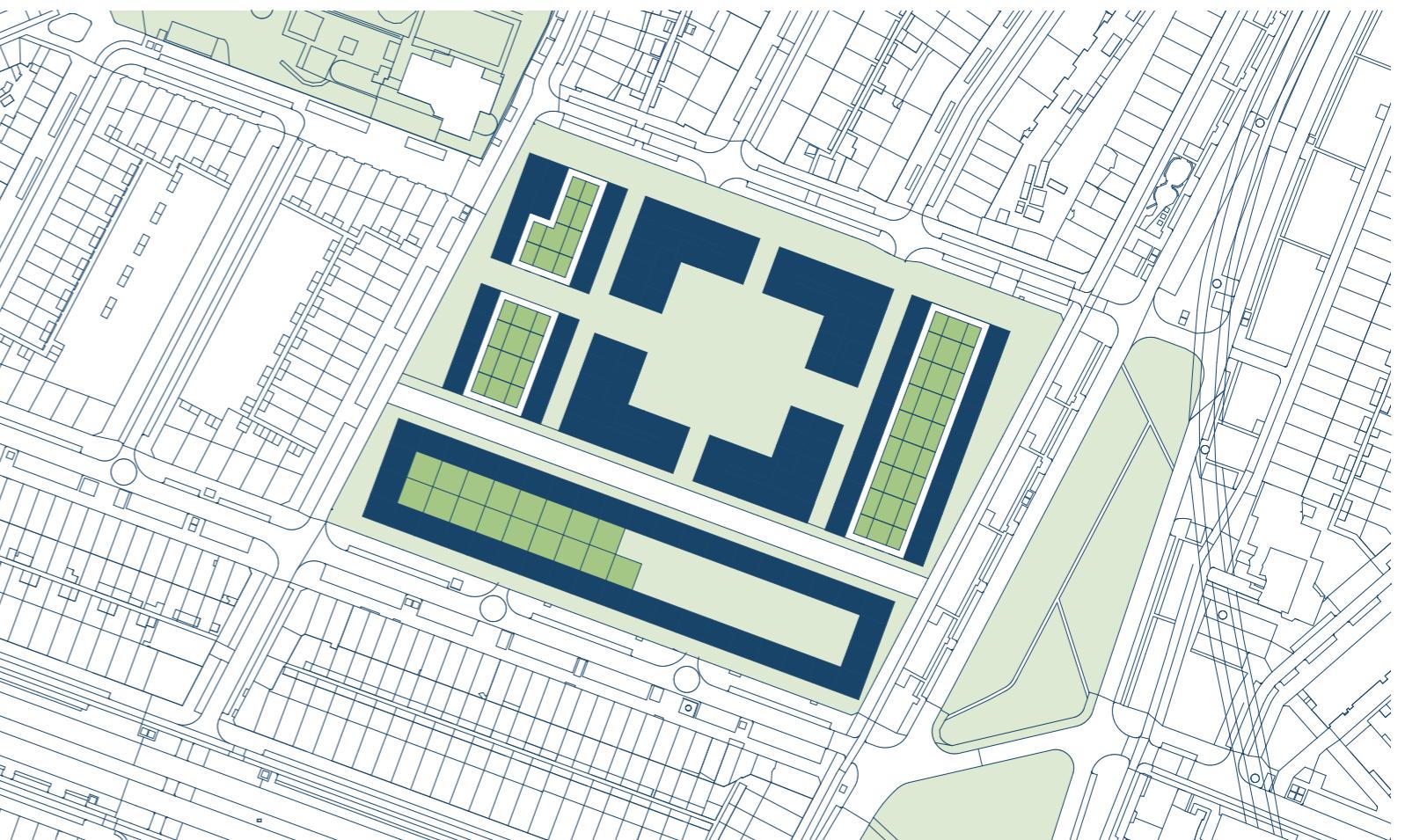
MASS STUDY A

Quantities

Intergenerational living =	60 (120)
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Total: 232

- One big inner courtyard
- safe pedestrian area
- care at the heart of the project
- 24/7 care only on the ground floor
- on the outer edge the intergenerational living



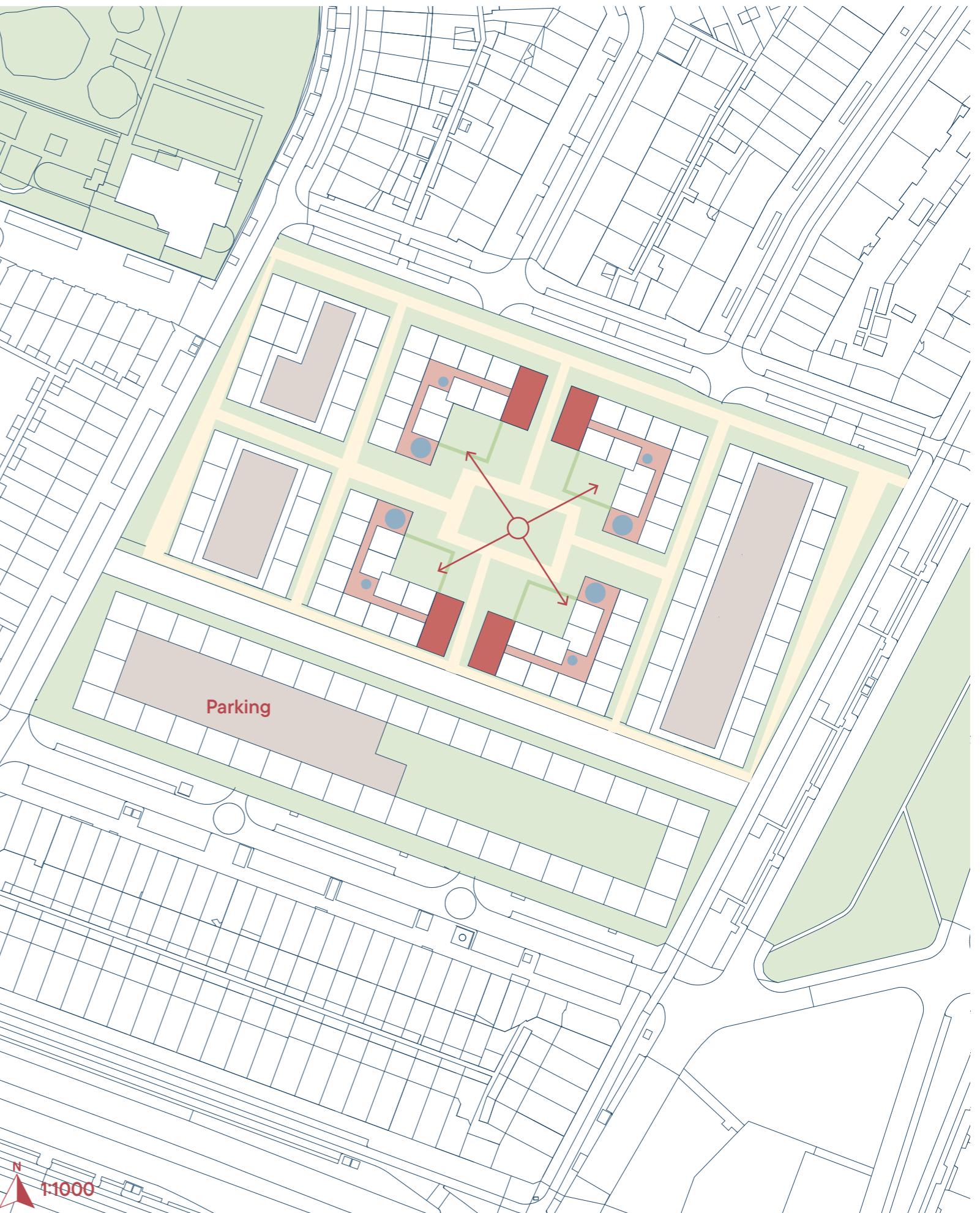
MASS STUDY A

Quantities

Intergenerational living =	60 (120)
24/7 care spots =	32
Assisted living apartments =	44
Guest rooms =	6
Appartements ca. 50m ² =	30

Total: 232

- One big inner courtyard
- safe pedestrian area
- care at the heart of the project
- 24/7 care only on the ground floor
- on the outer edge the intergenerational living



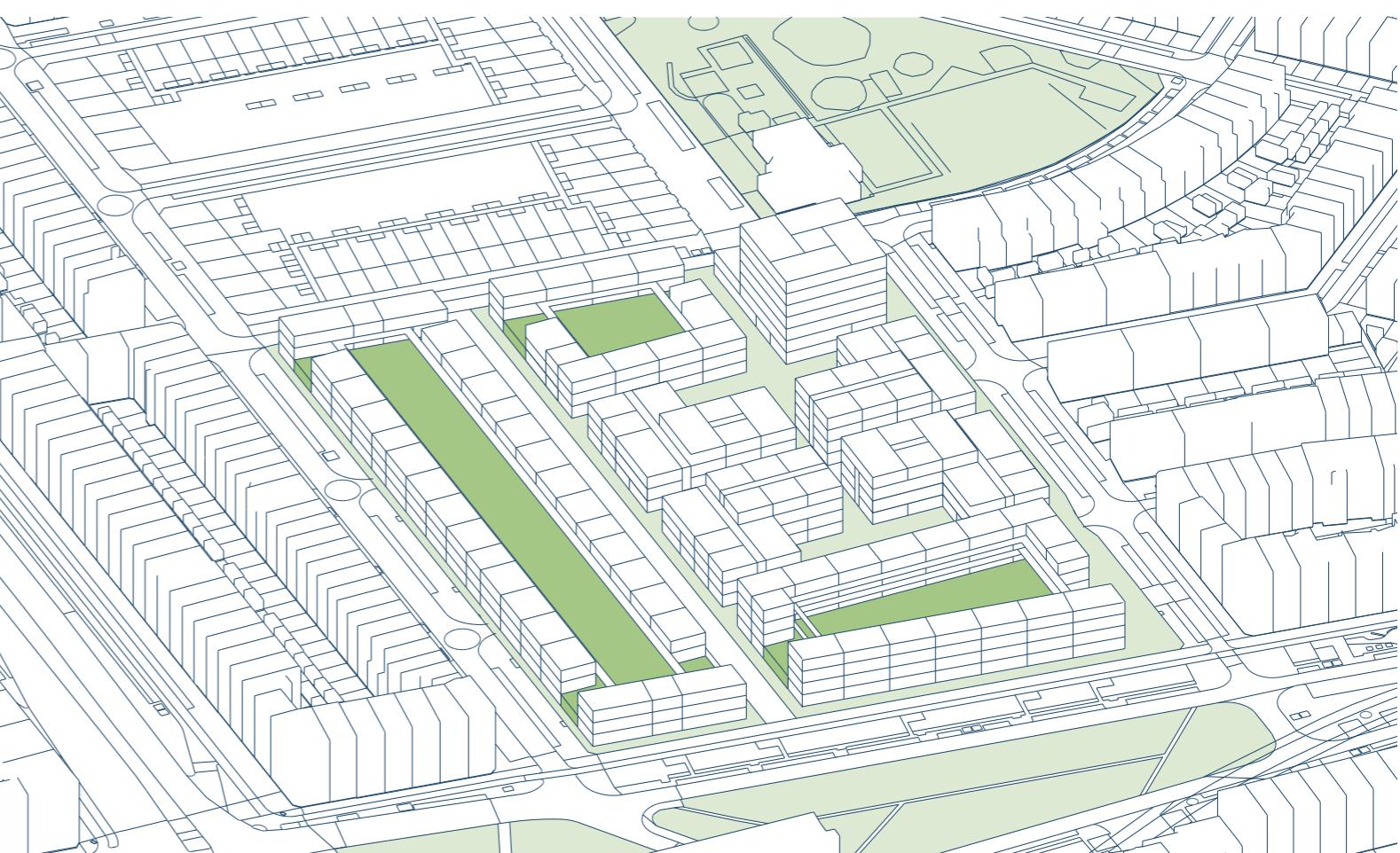
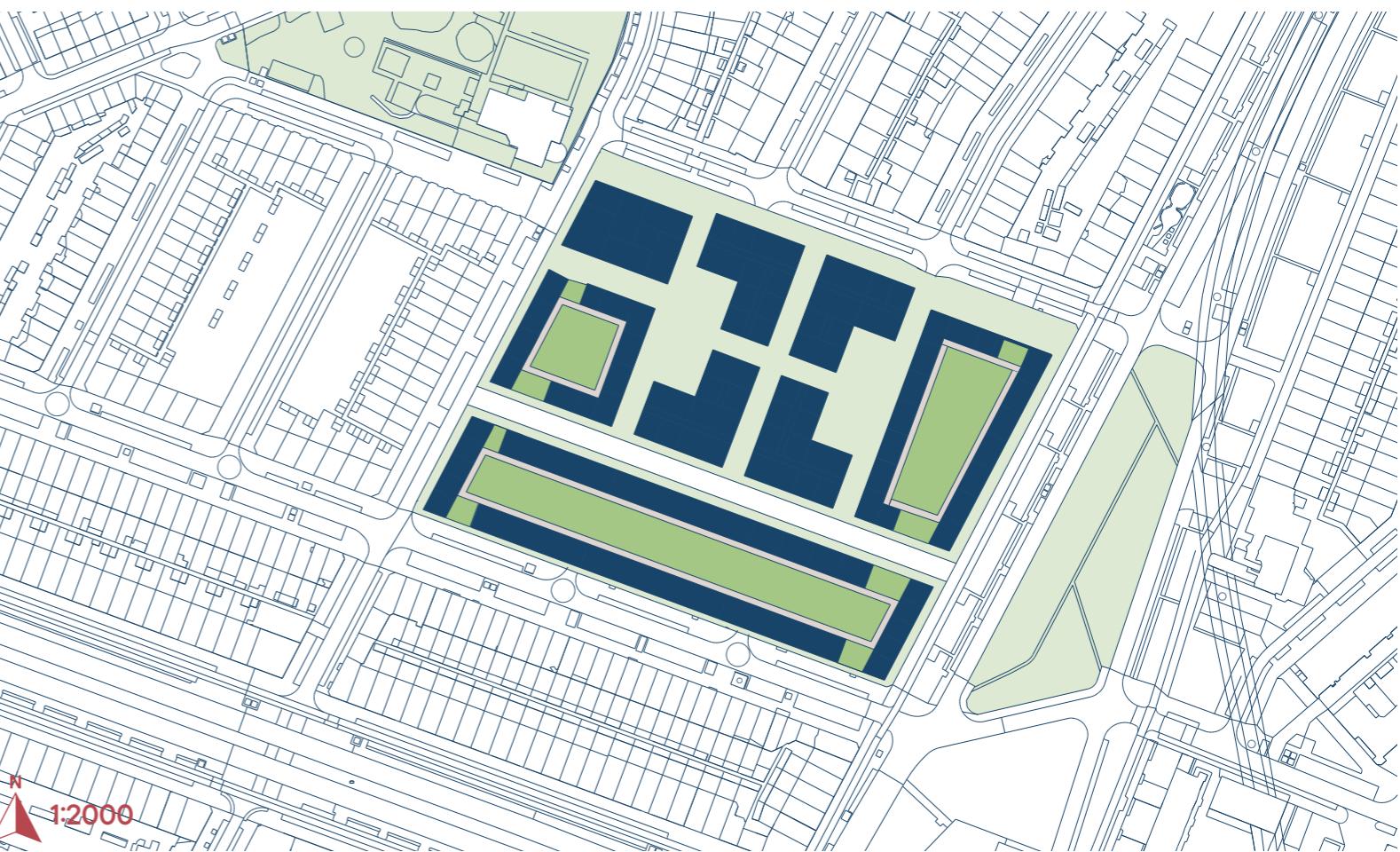
MASS STUDY B

Quantities

Intergenerational living =	50 (100)
24/7 care spots =	42
Assisted living apartments =	22
Guest rooms =	15
Appartement ca. 100m ² =	25
Appartementca. 50m ² =	25

Total: 229

- Two inner courtyards
- safe pedestrian area
- care at the heart of the project
- 24/7 care at the ground & first floor
- on the outer edge the intergenerational living



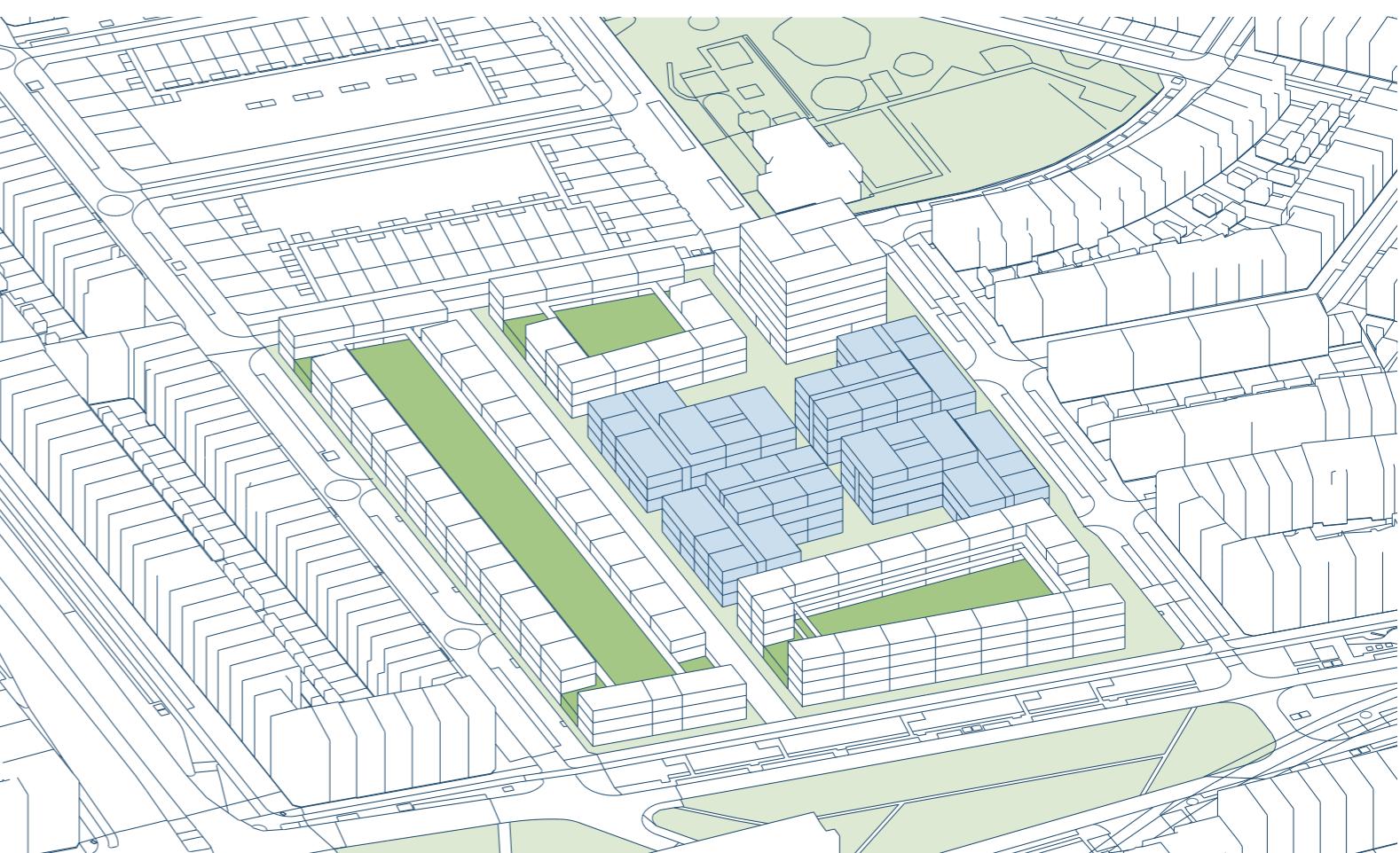
MASS STUDY B

Quantities

Intergenerational living =	50 (100)
24/7 care spots =	42
Assisted living apartments =	22
Guest rooms =	15
Appartement ca. 100m ² =	25
Appartementca. 50m ² =	25

Total: 229

- Two inner courtyards
- safe pedestrian area
- care at the heart of the project
- 24/7 care at the ground & first floor
- on the outer edge the intergenerational living



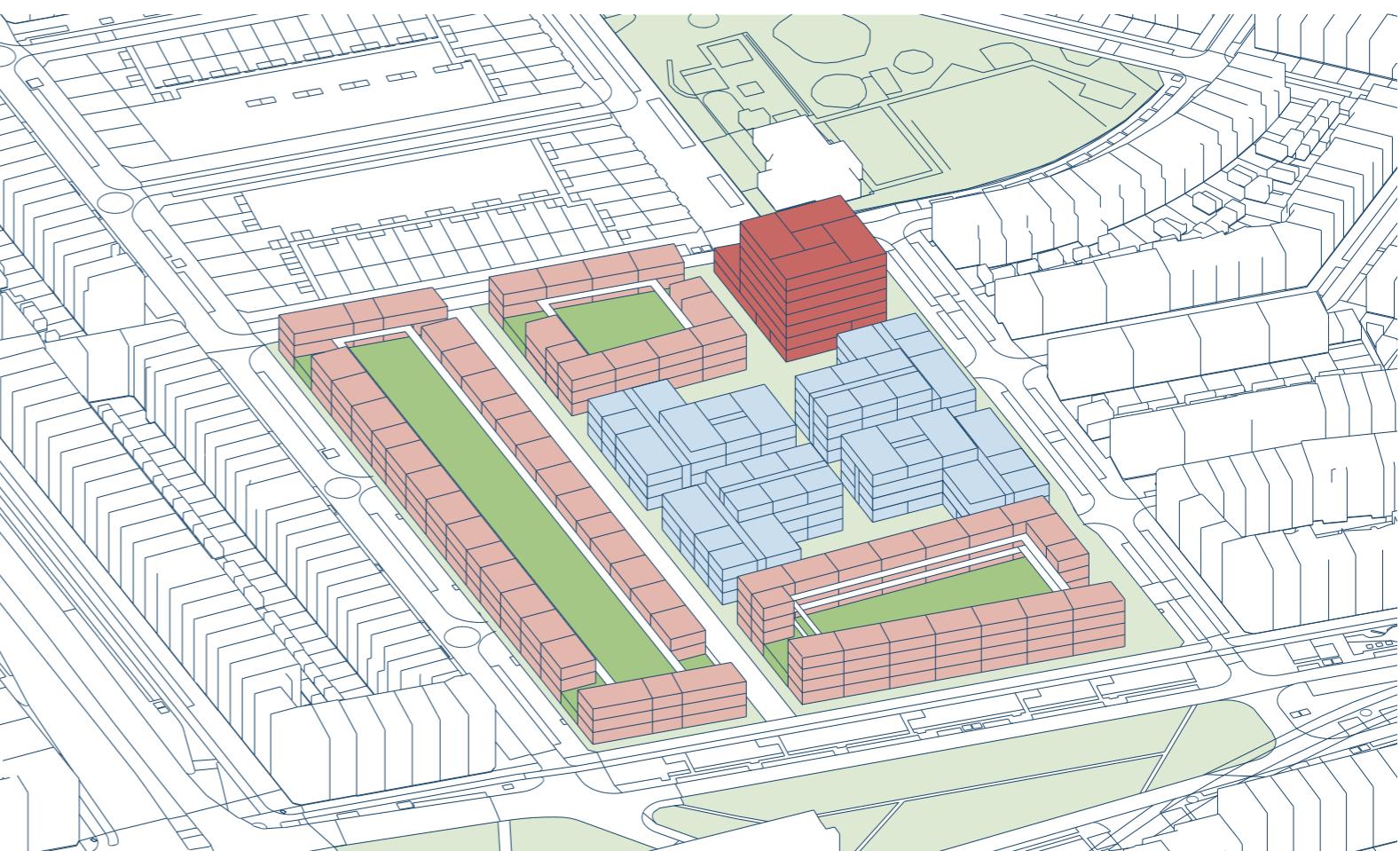
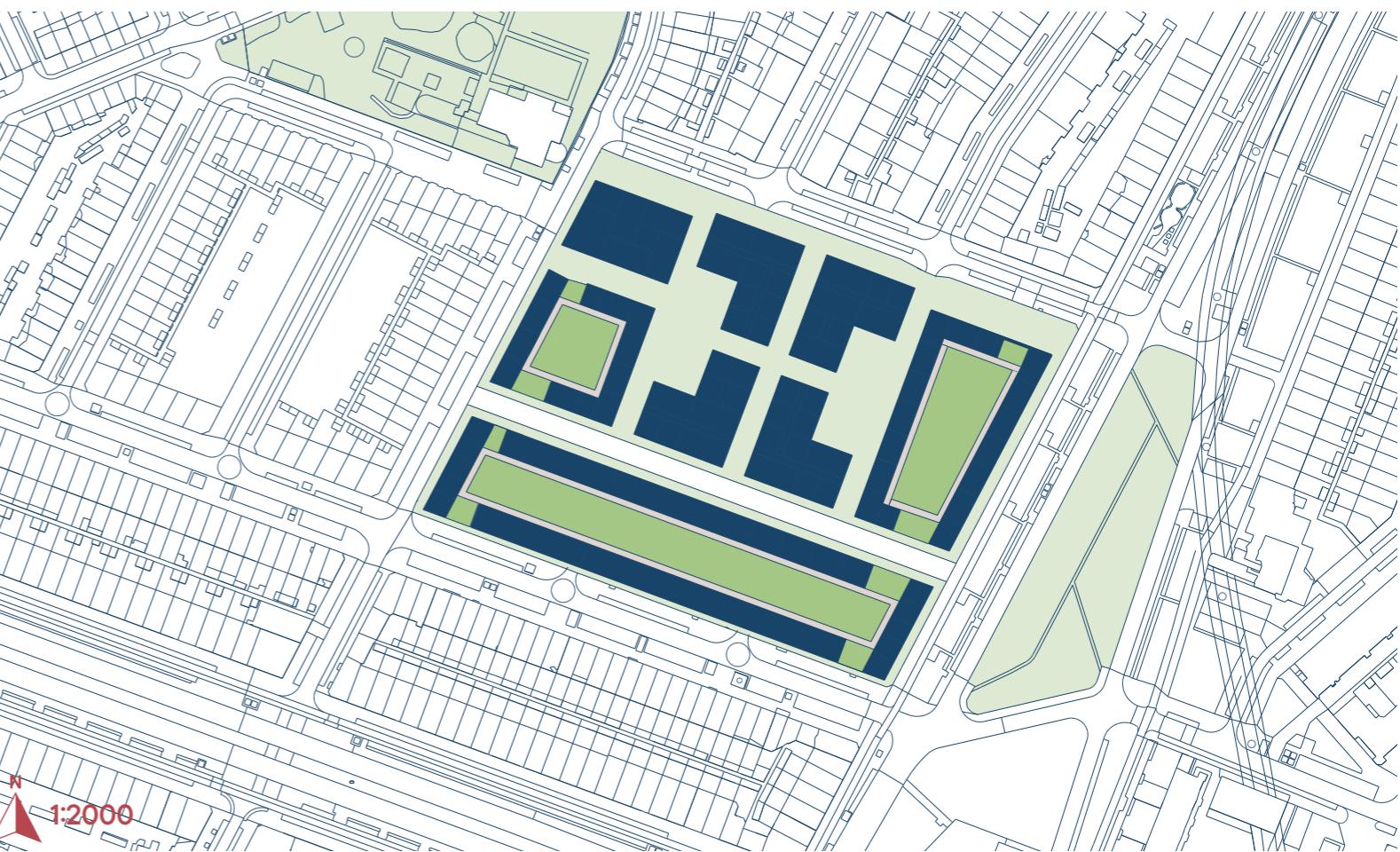
MASS STUDY B

Quantities

Intergenerational living =	50 (100)
24/7 care spots =	42
Assisted living apartments =	22
Guest rooms =	15
Appartement ca. 100m ² =	25
Appartementca. 50m ² =	25

Total: 229

- Two inner courtyards
- safe pedestrian area
- care at the heart of the project
- 24/7 care at the ground & first floor
- on the outer edge the intergenerational living



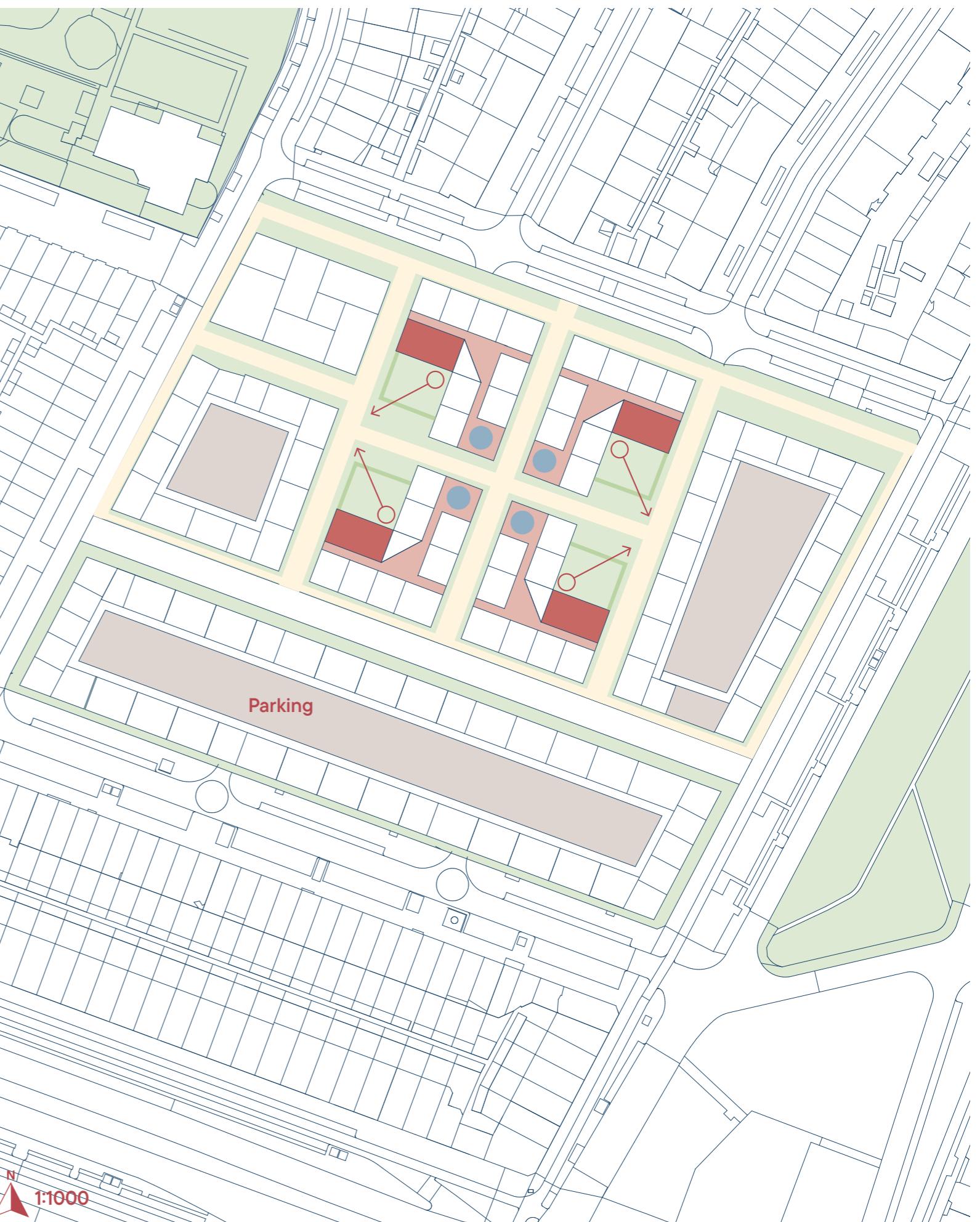
MASS STUDY B

Quantities

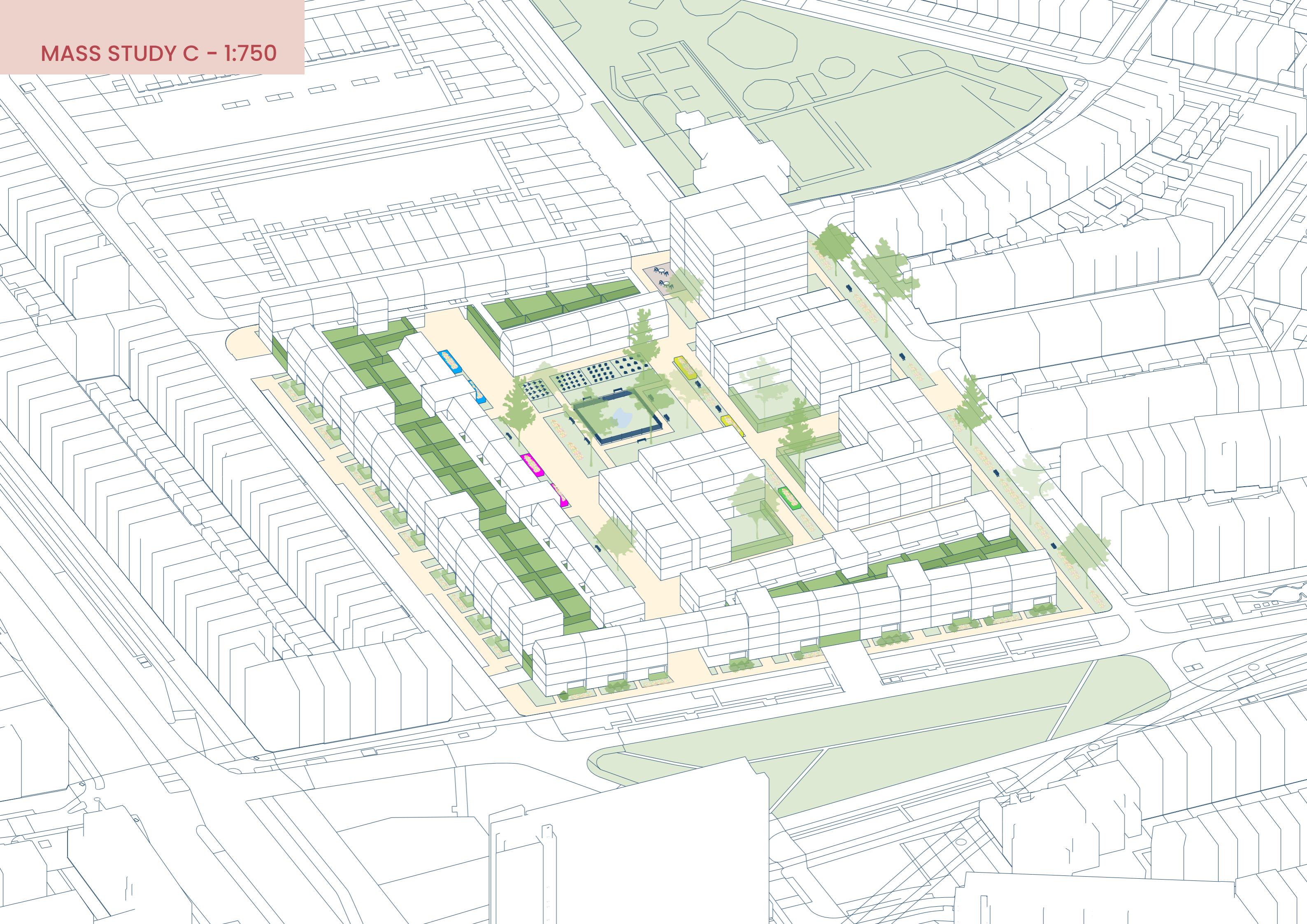
Intergenerational living =	50 (100)
24/7 care spots =	42
Assisted living apartments =	22
Guest rooms =	15
Appartement ca. 100m ² =	25
Appartementca. 50m ² =	25

Total: 229

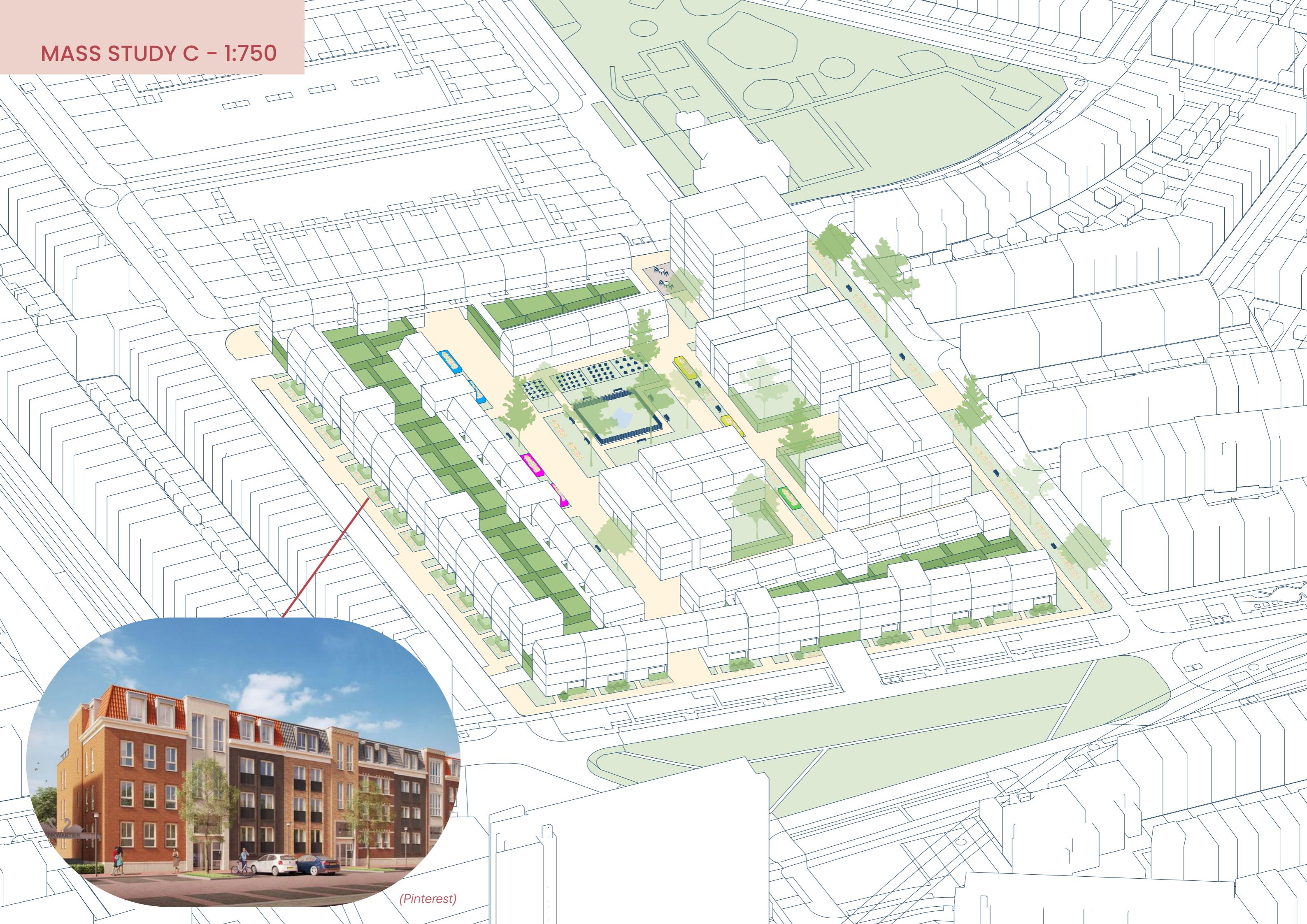
- Two inner courtyards
- safe pedestrian area
- care at the heart of the project
- 24/7 care at the ground & first floor
- on the outer edge the intergenerational living



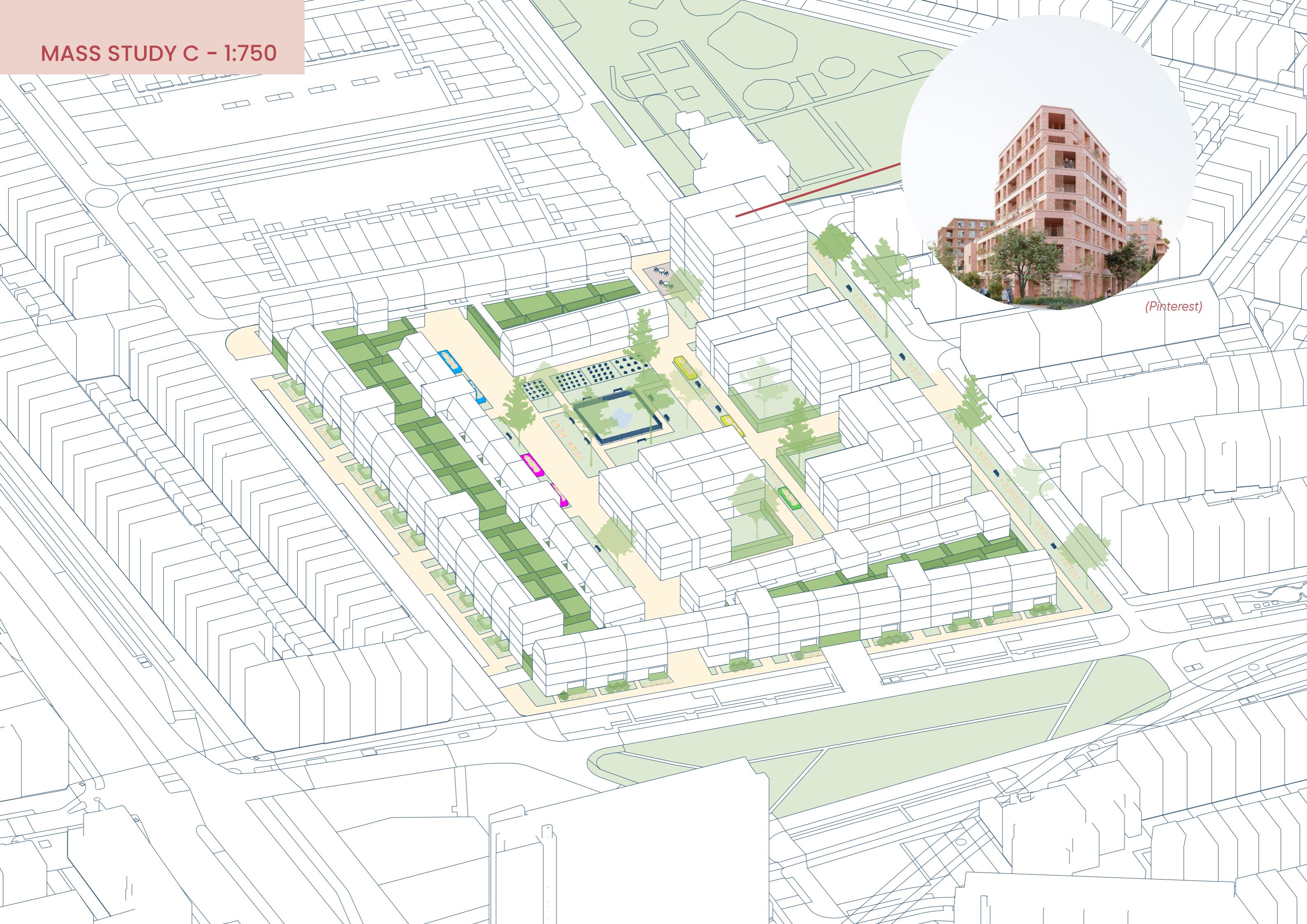
MASS STUDY C - 1:750



MASS STUDY C - 1:750



MASS STUDY C - 1:750



MASS STUDY C - 1:750



MASS STUDY C - 1:750



(Own work)



MASS STUDY C - 1:750



(Own work)



MASS STUDY C - 1:750



MASS STUDY C - 1:750



MASS STUDY C - 1:750



(Own work)



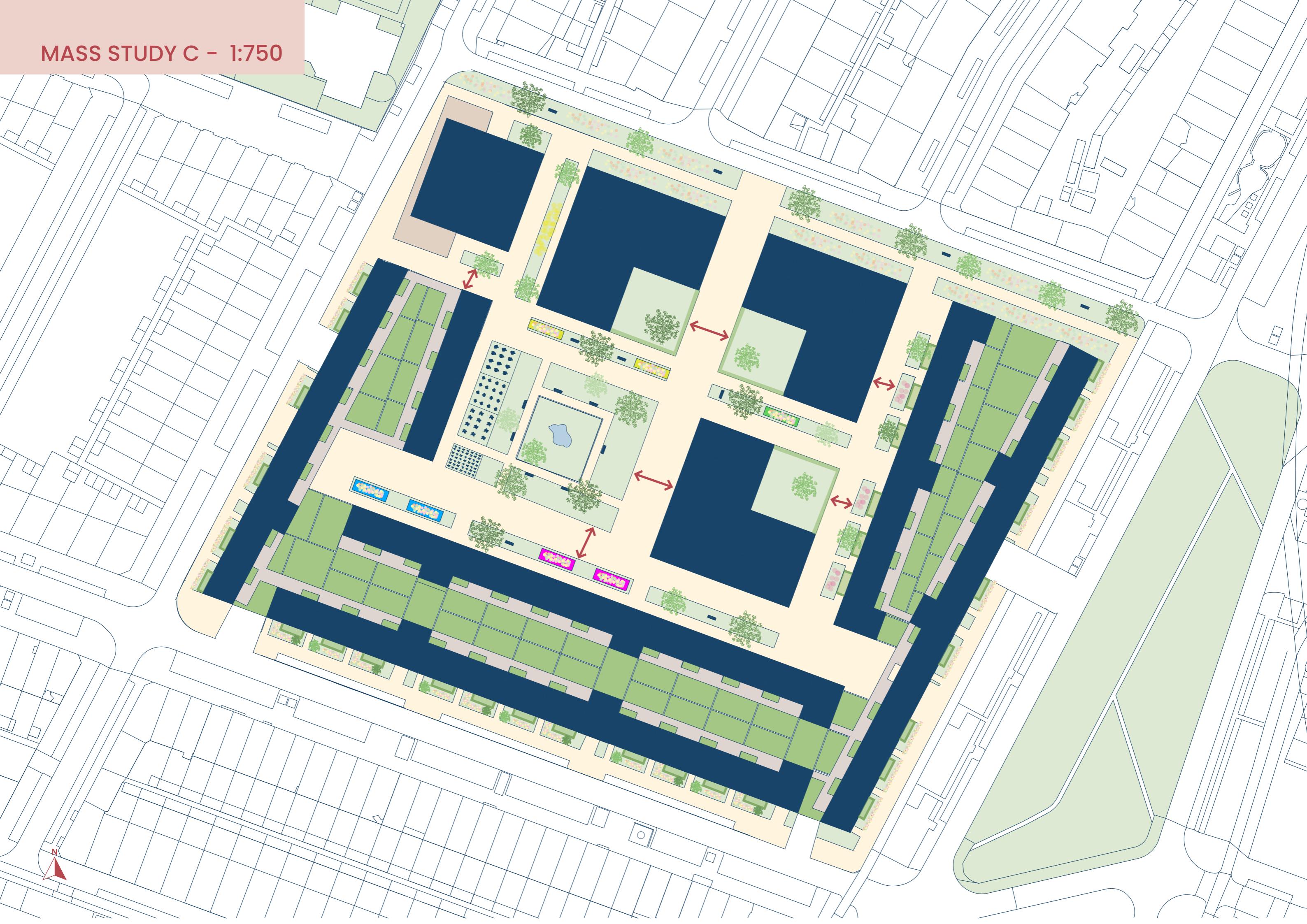
MASS STUDY C - 1:750



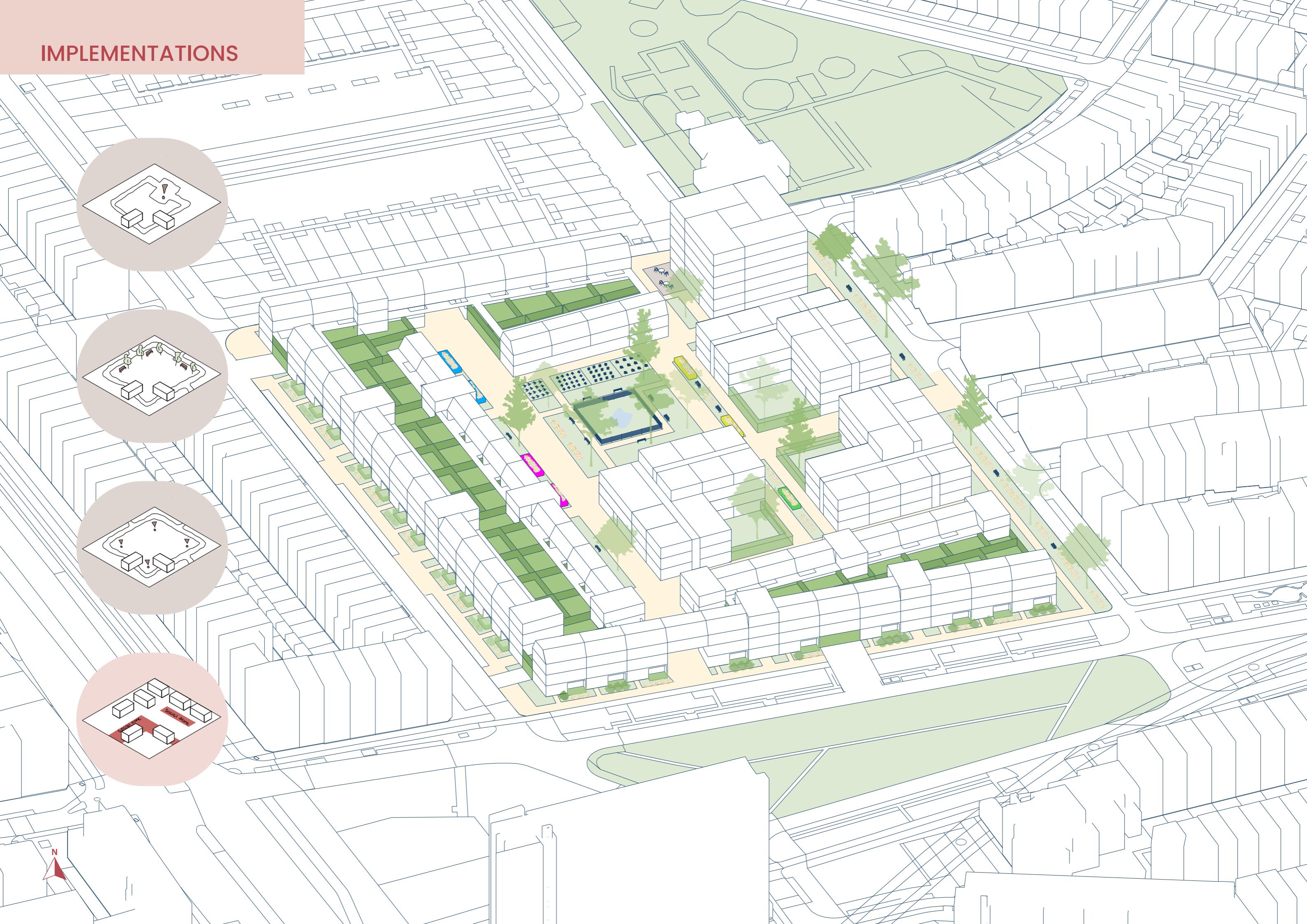
(Own work)



MASS STUDY C - 1:750

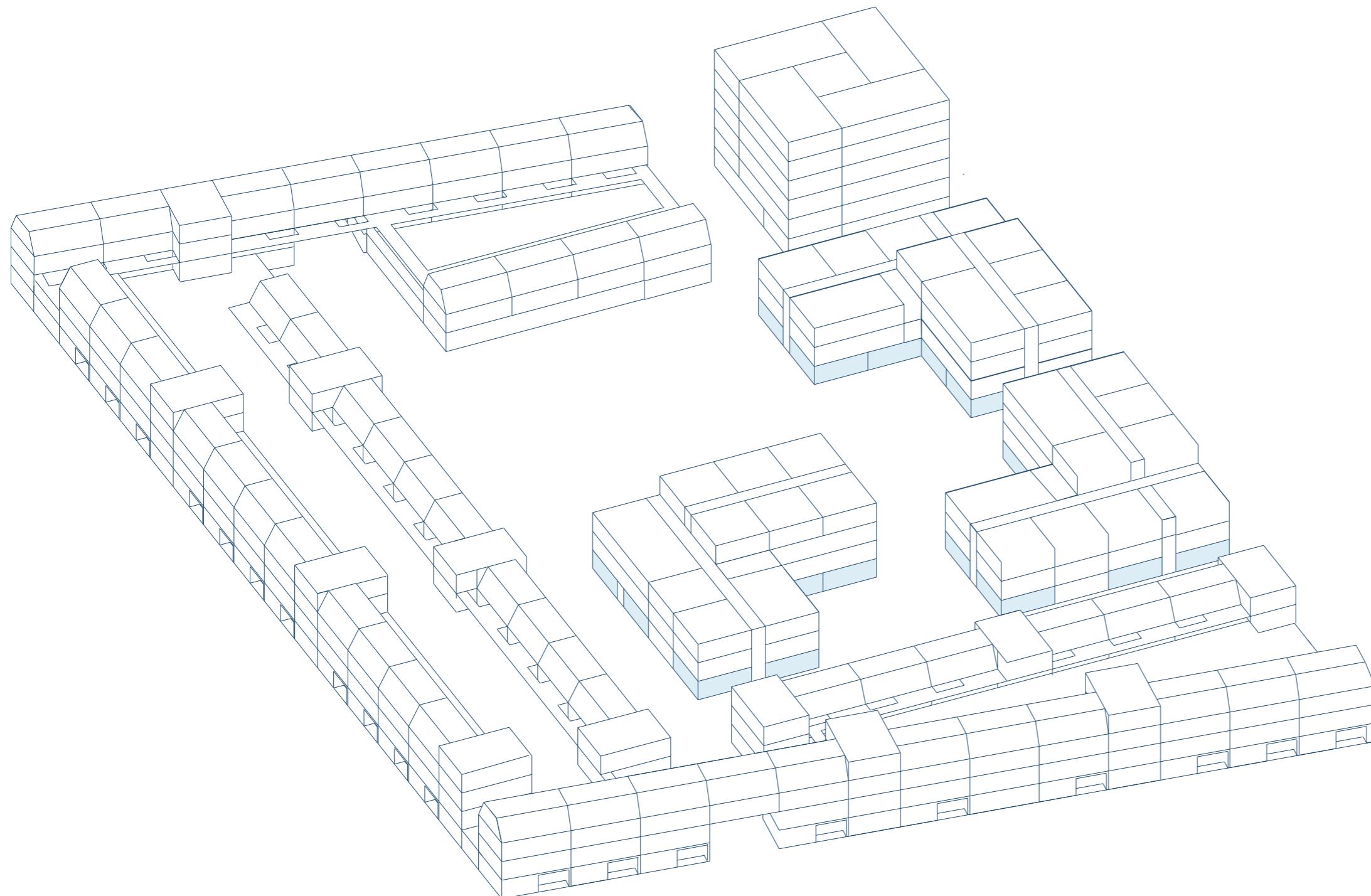


IMPLEMENTATIONS



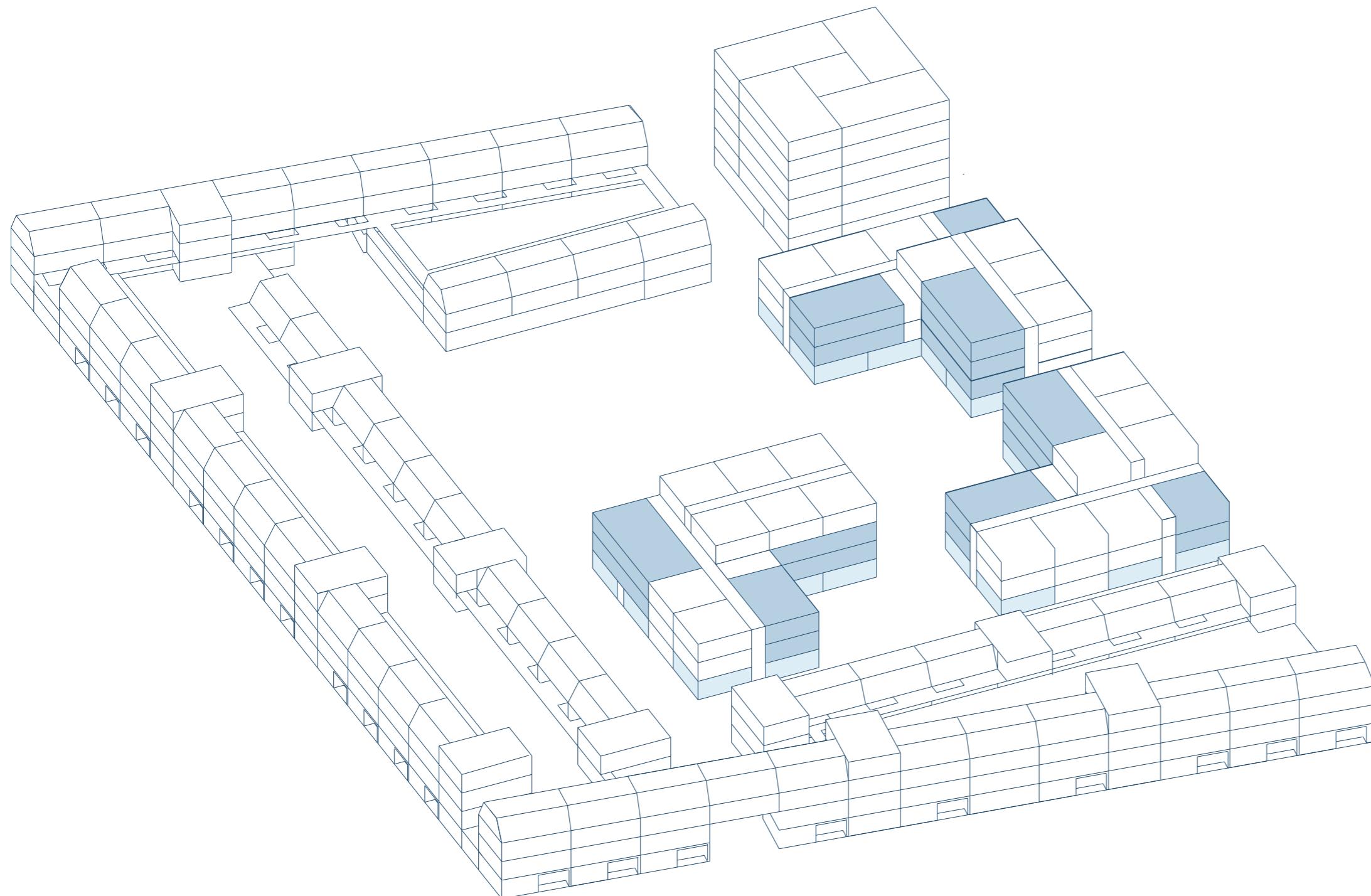
Legend

= 24/7 care elderly with dementia



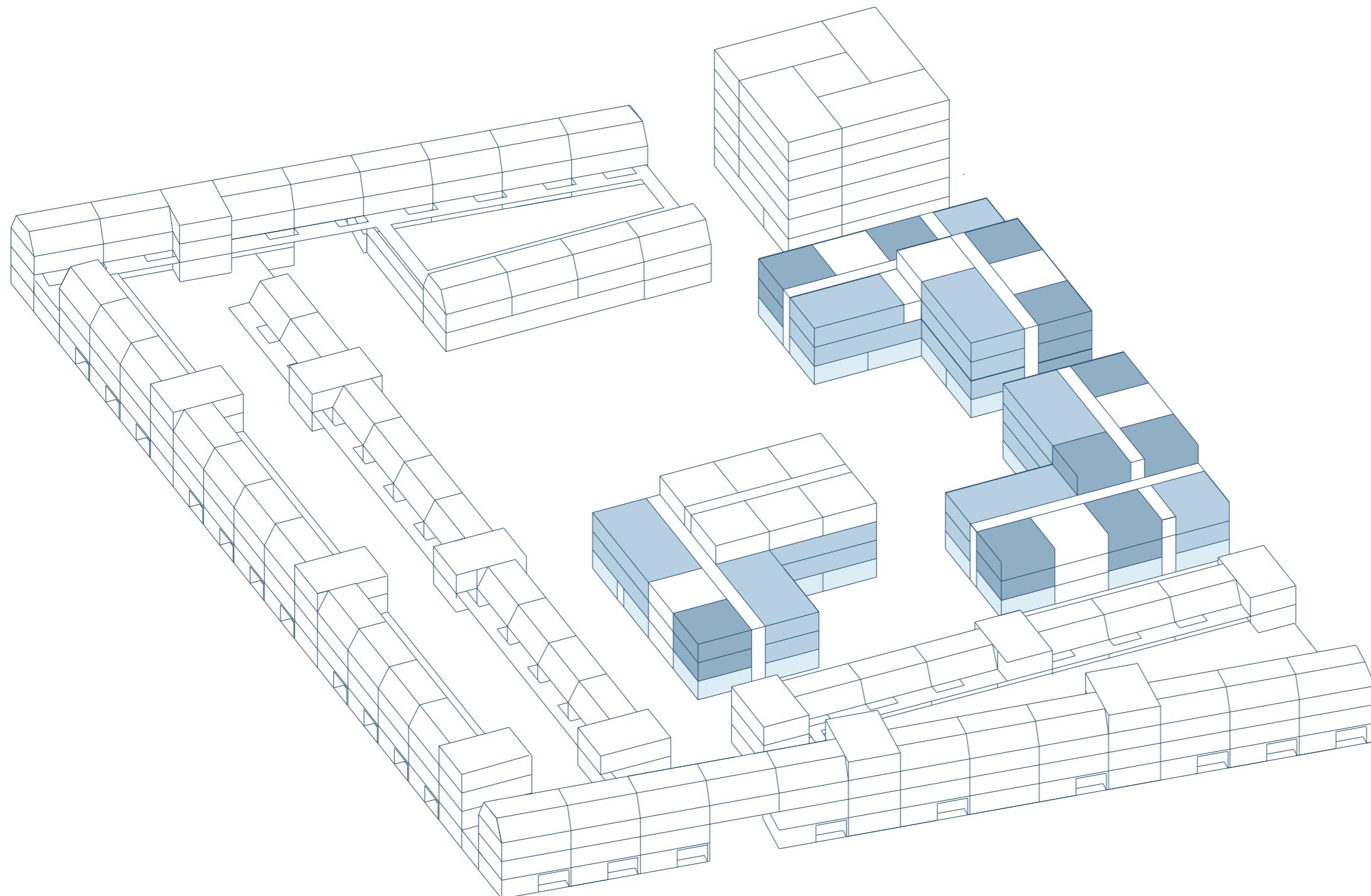
Legend

- = 24/7 care elderly with dementia
- = Assisted living



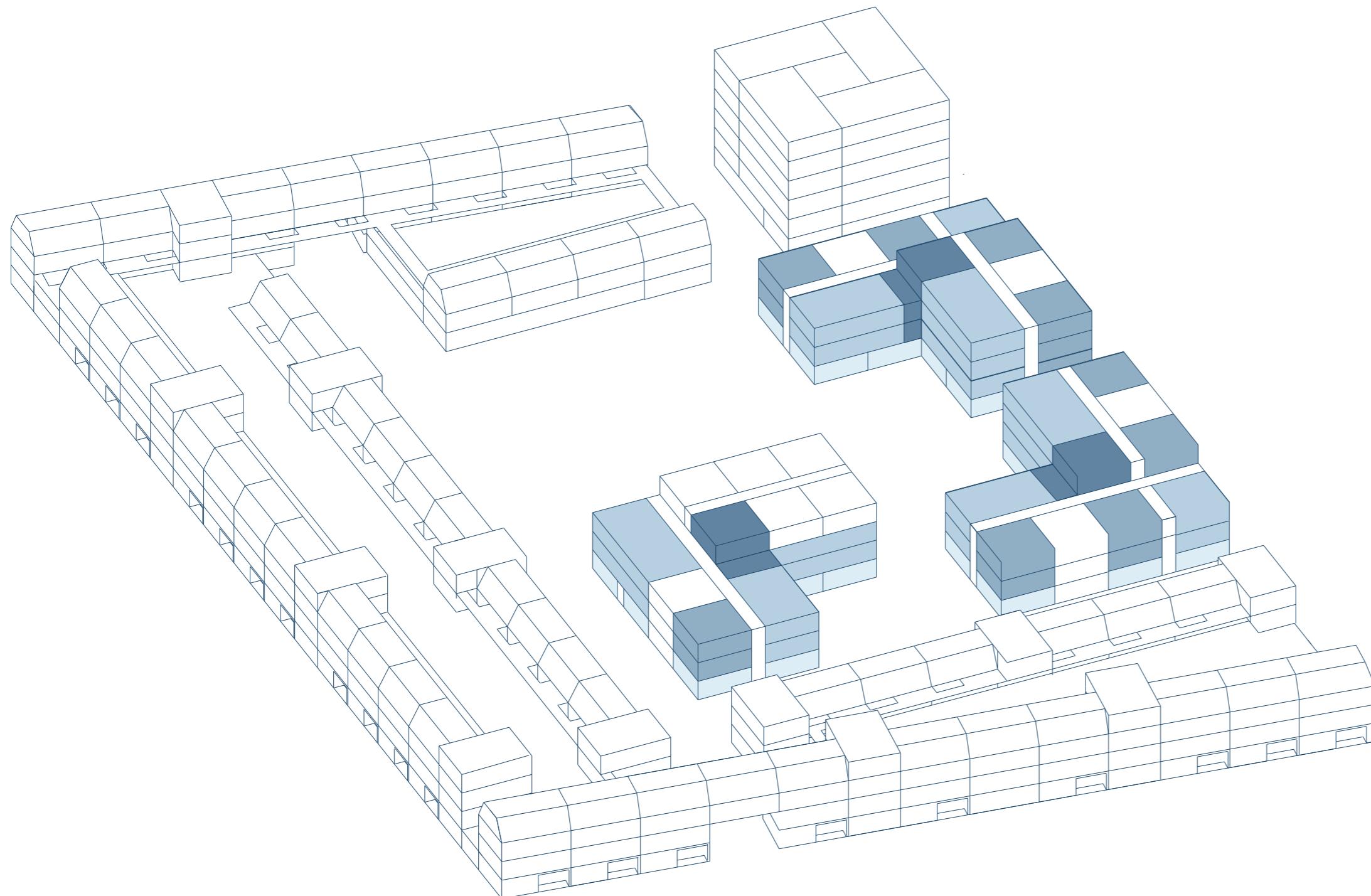
Legend

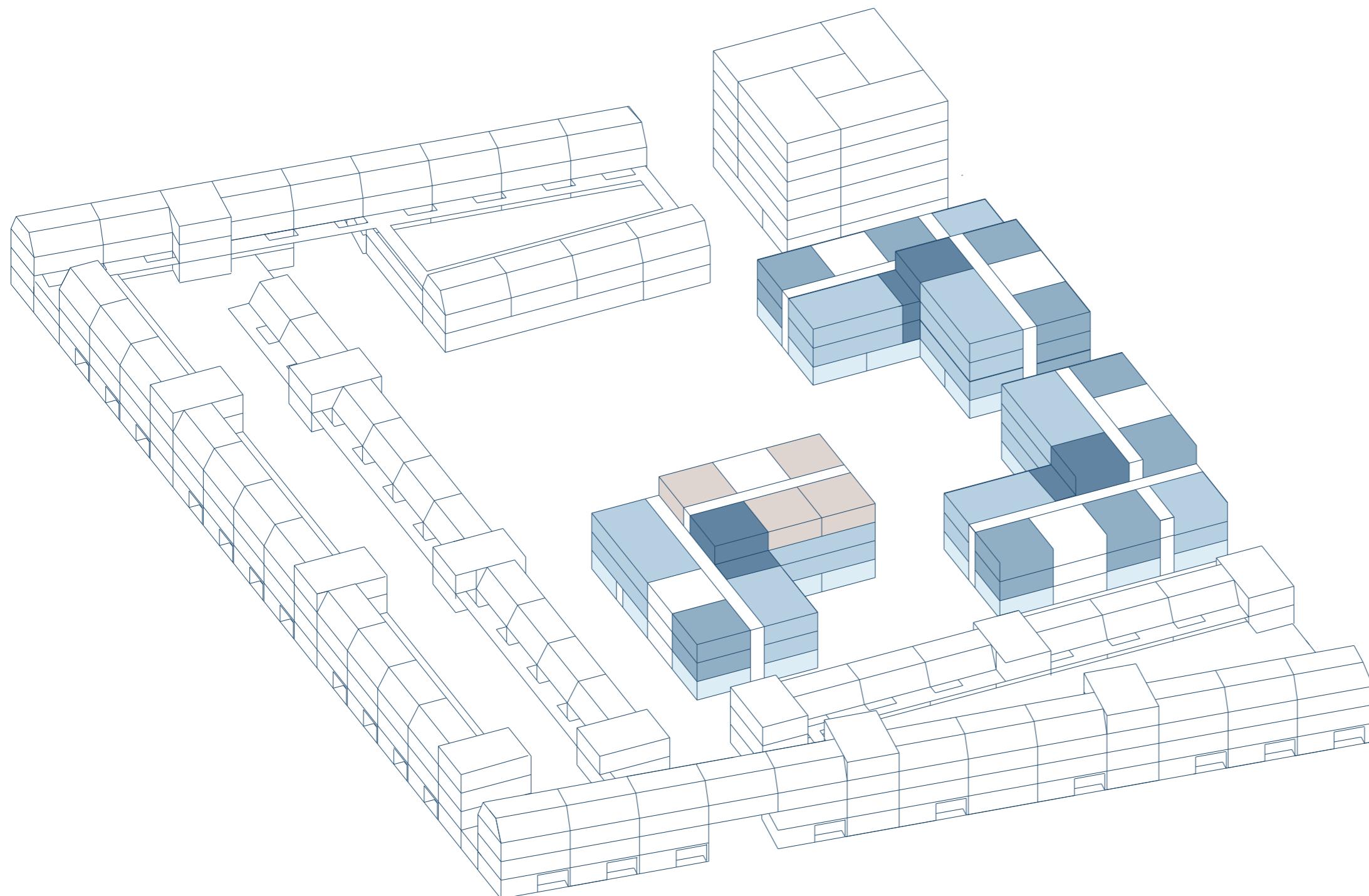
- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 60m²



Legend

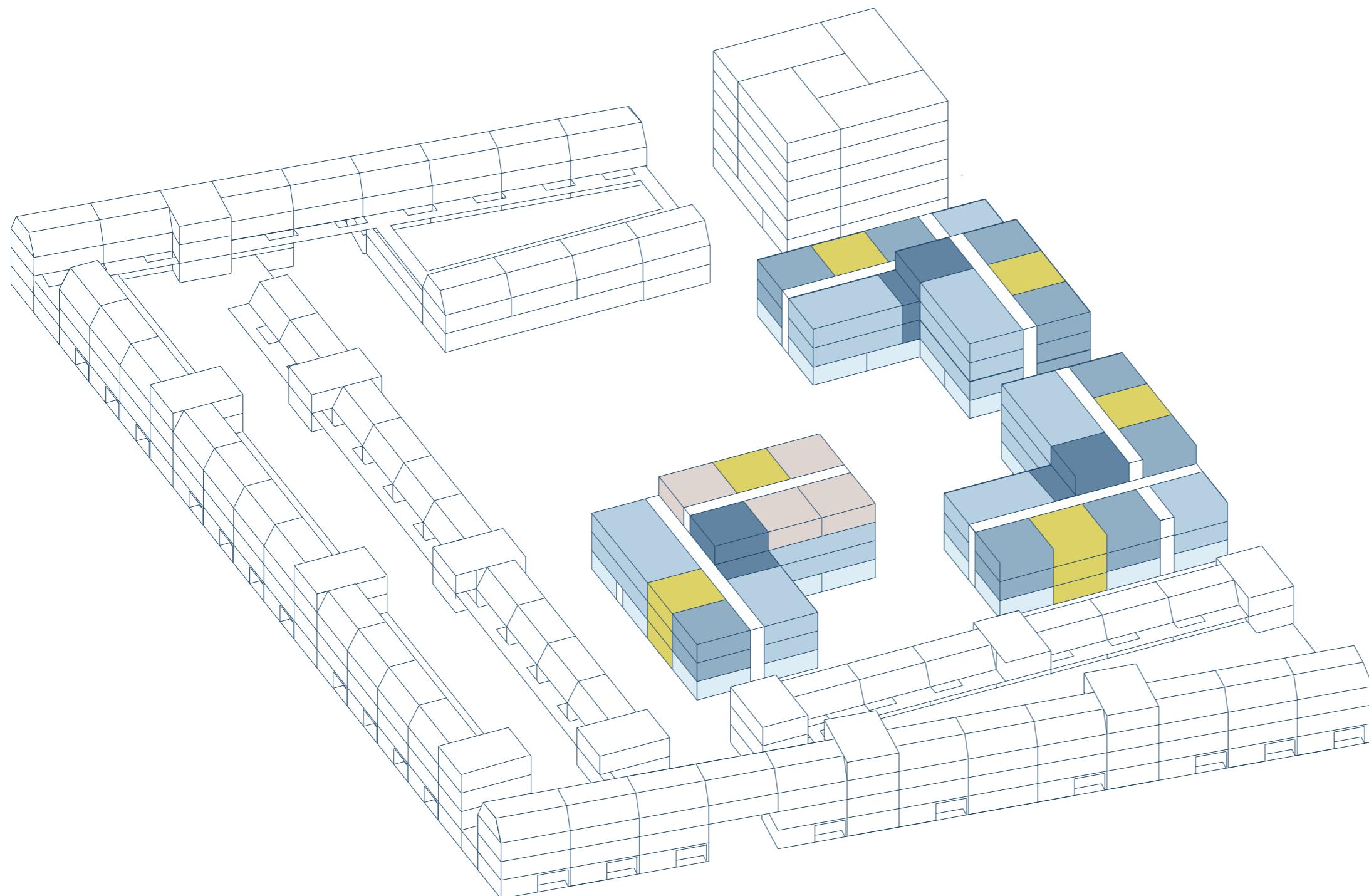
- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 60m²
- = Shared space





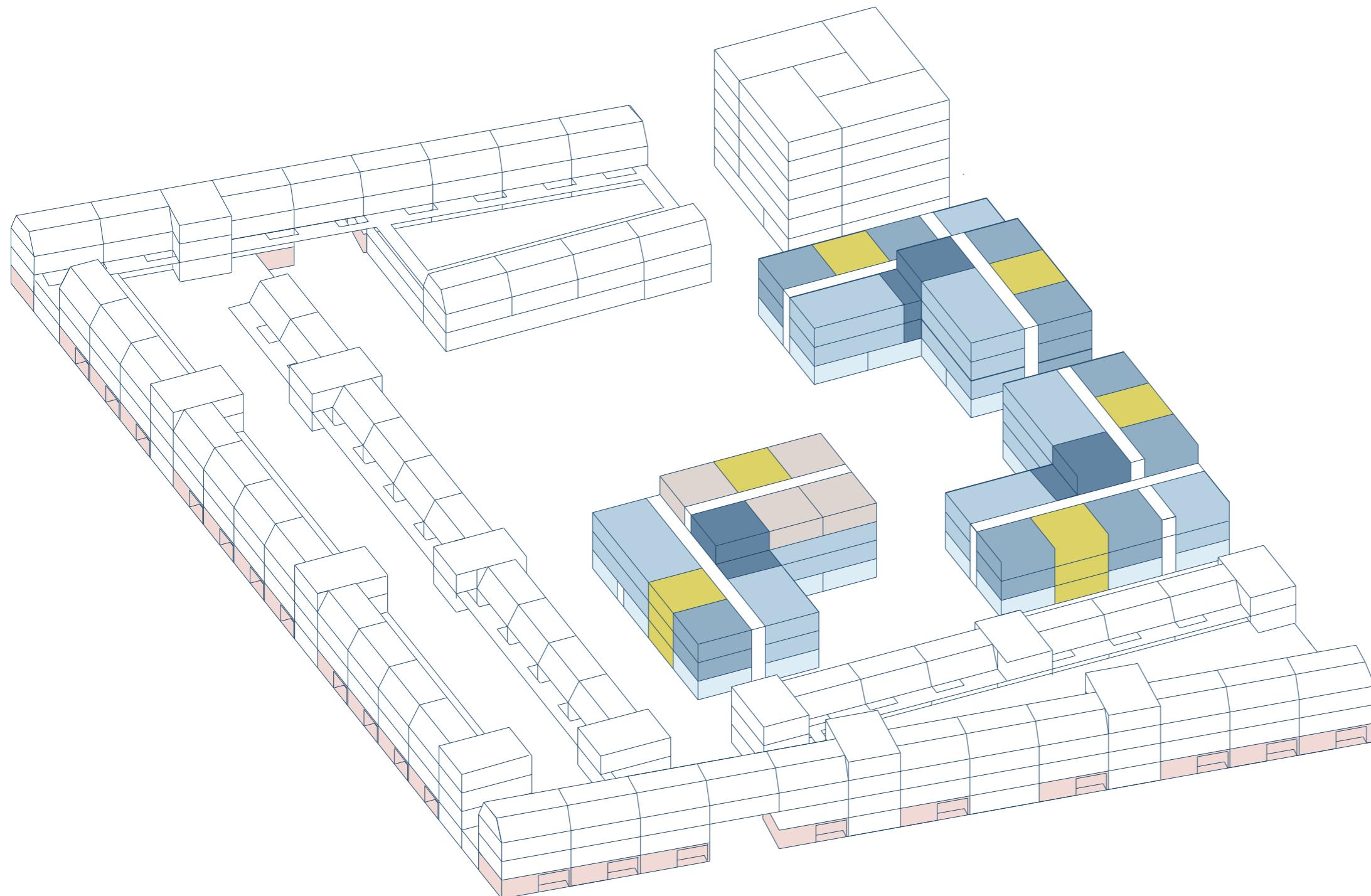
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 60m²
- = Shared space
- = Guest apartment (family)



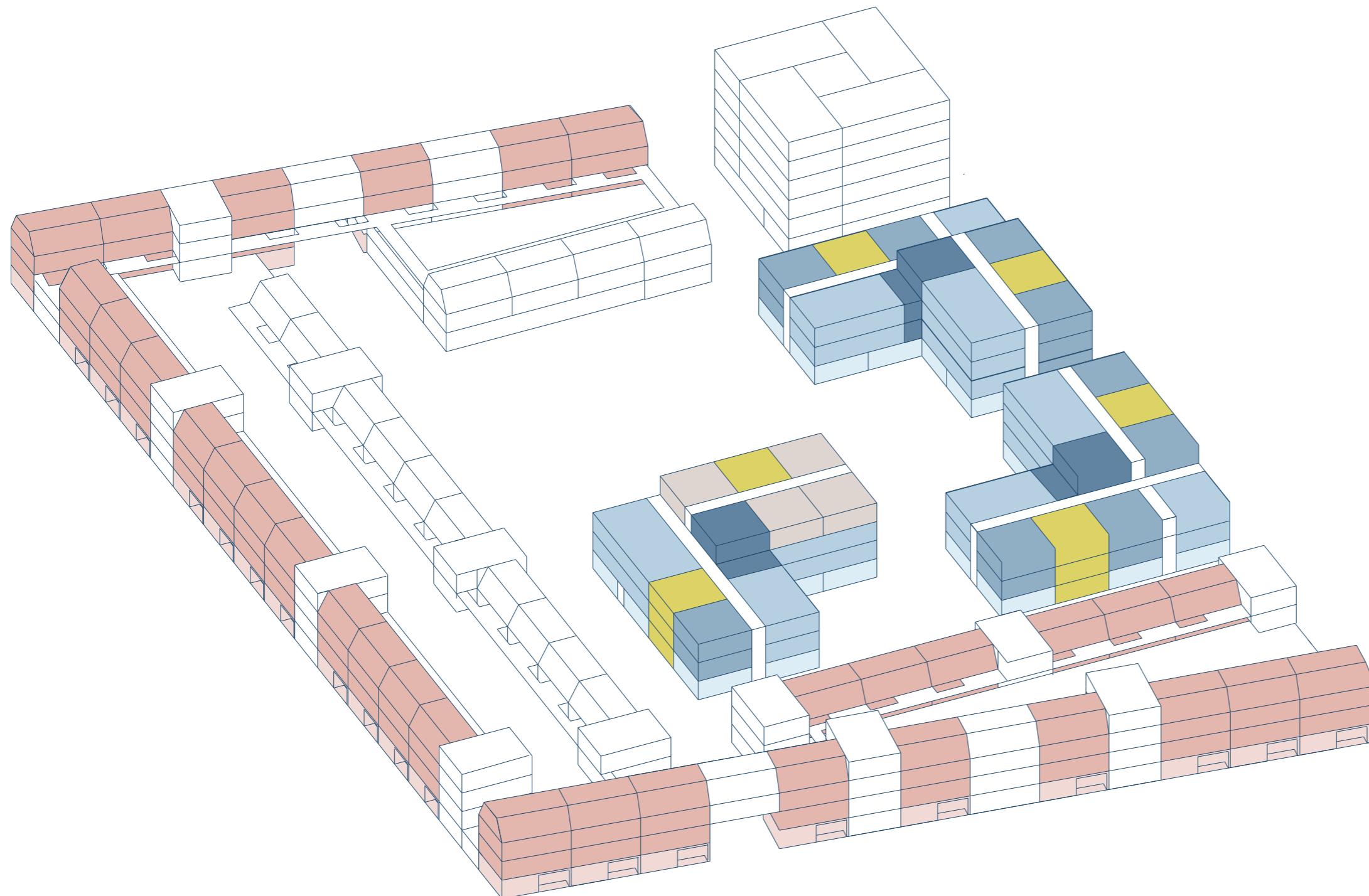
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 60m²
- = Shared space
- = Guest apartment (family)
- = Rising cores



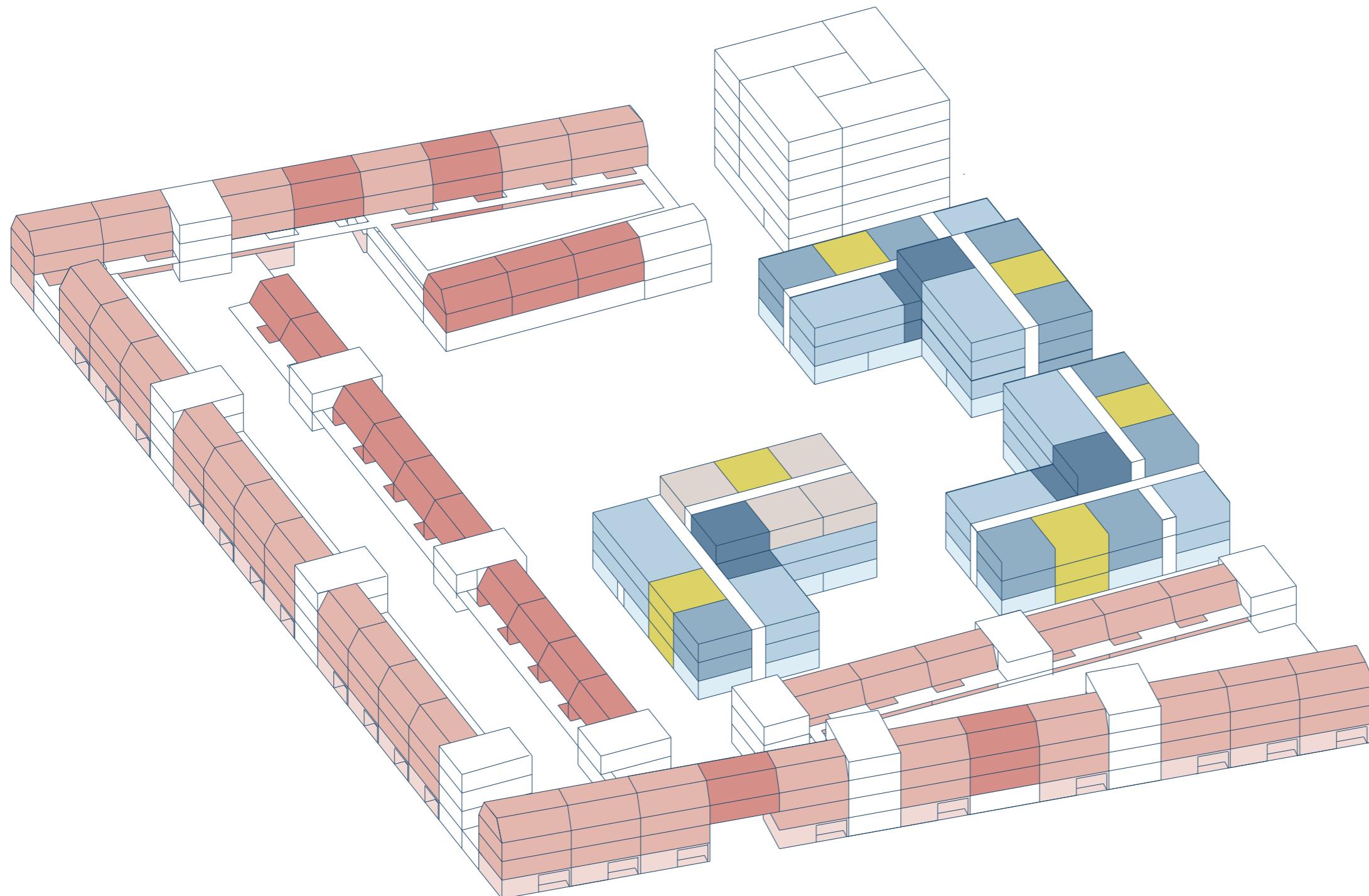
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 60m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)



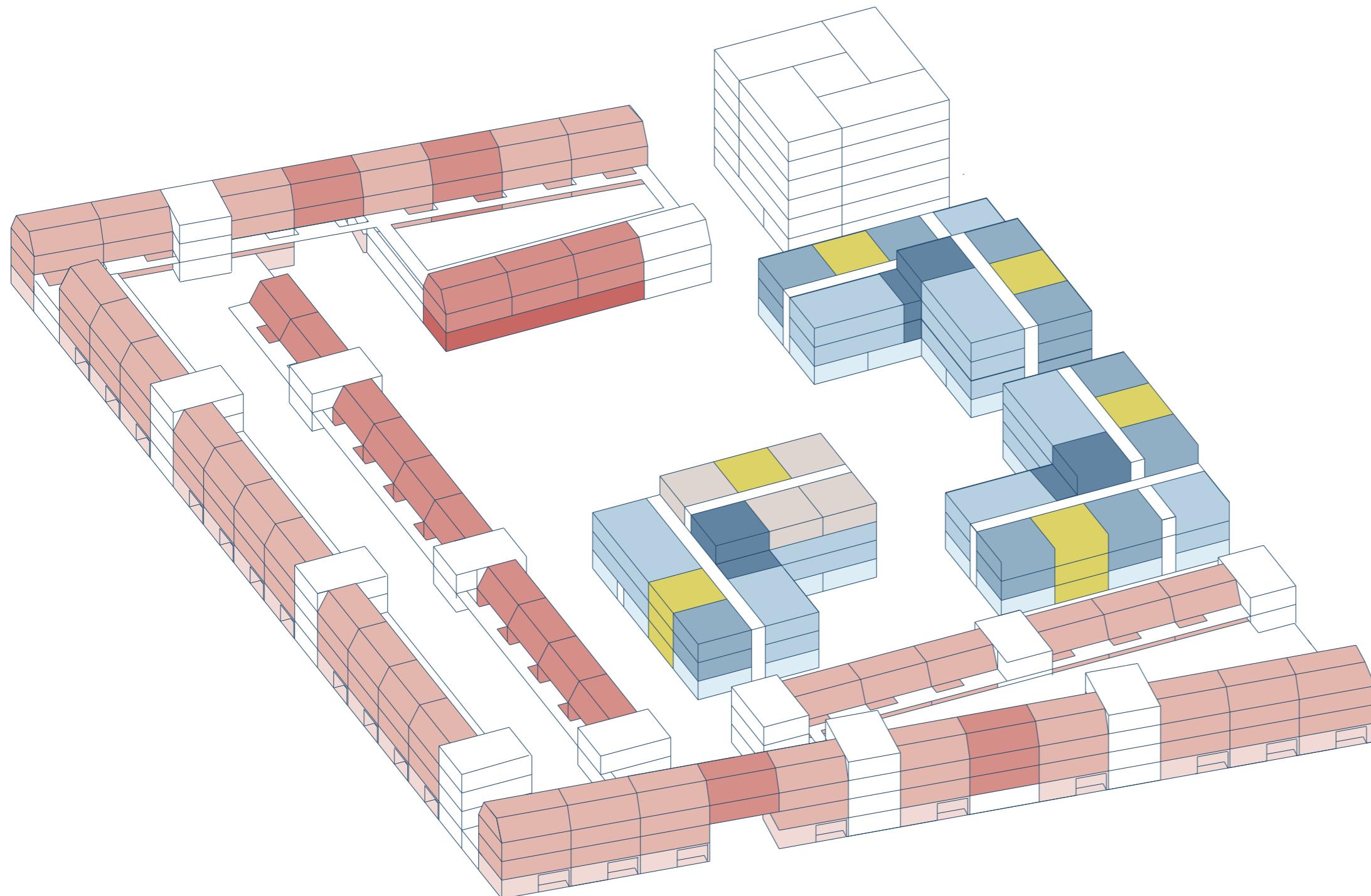
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 60m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)



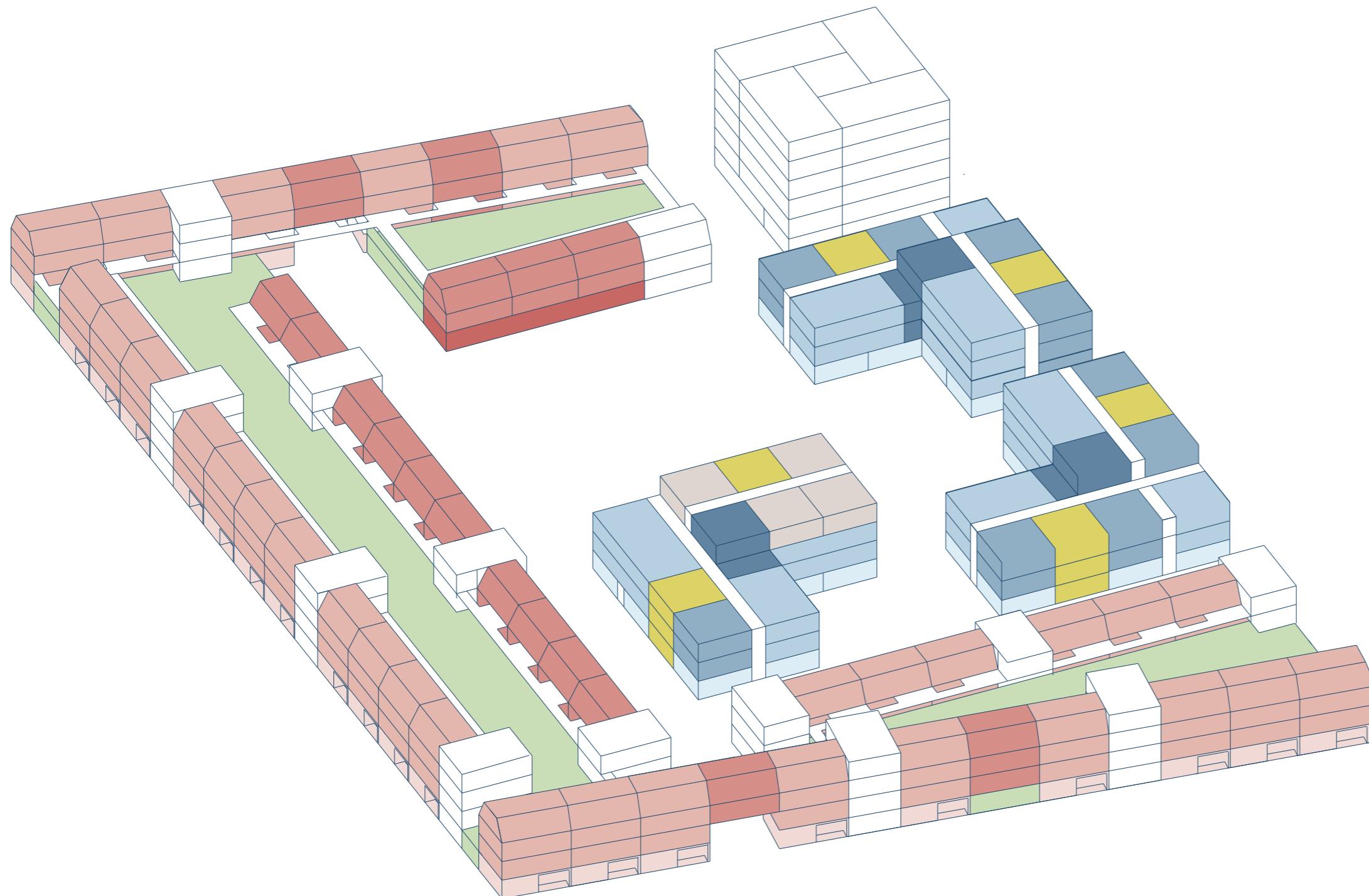
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 55m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)
- = Apartments ca. 100 m²



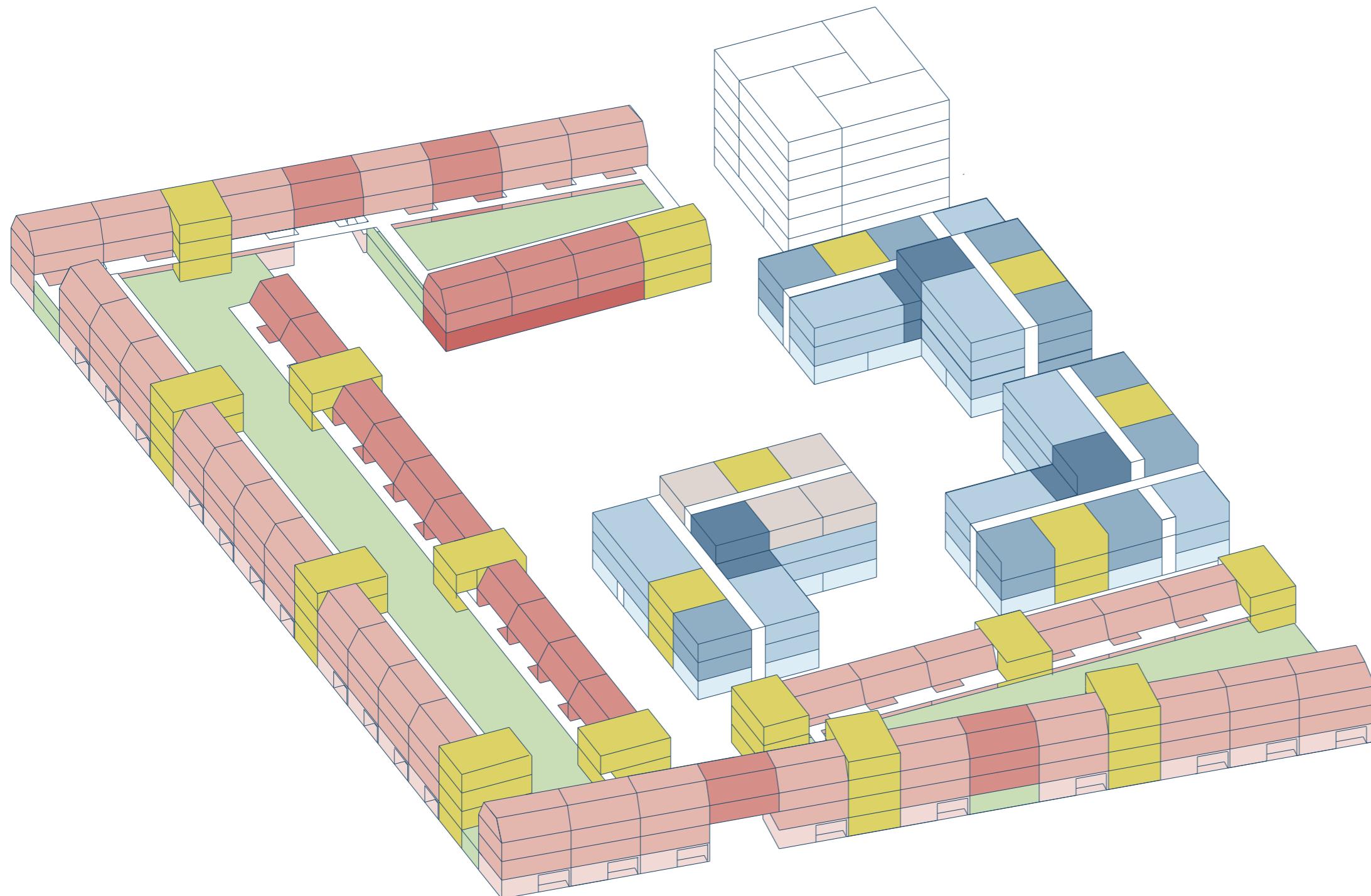
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 55m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)
- = Apartments ca. 100 m²
- = Activity rooms



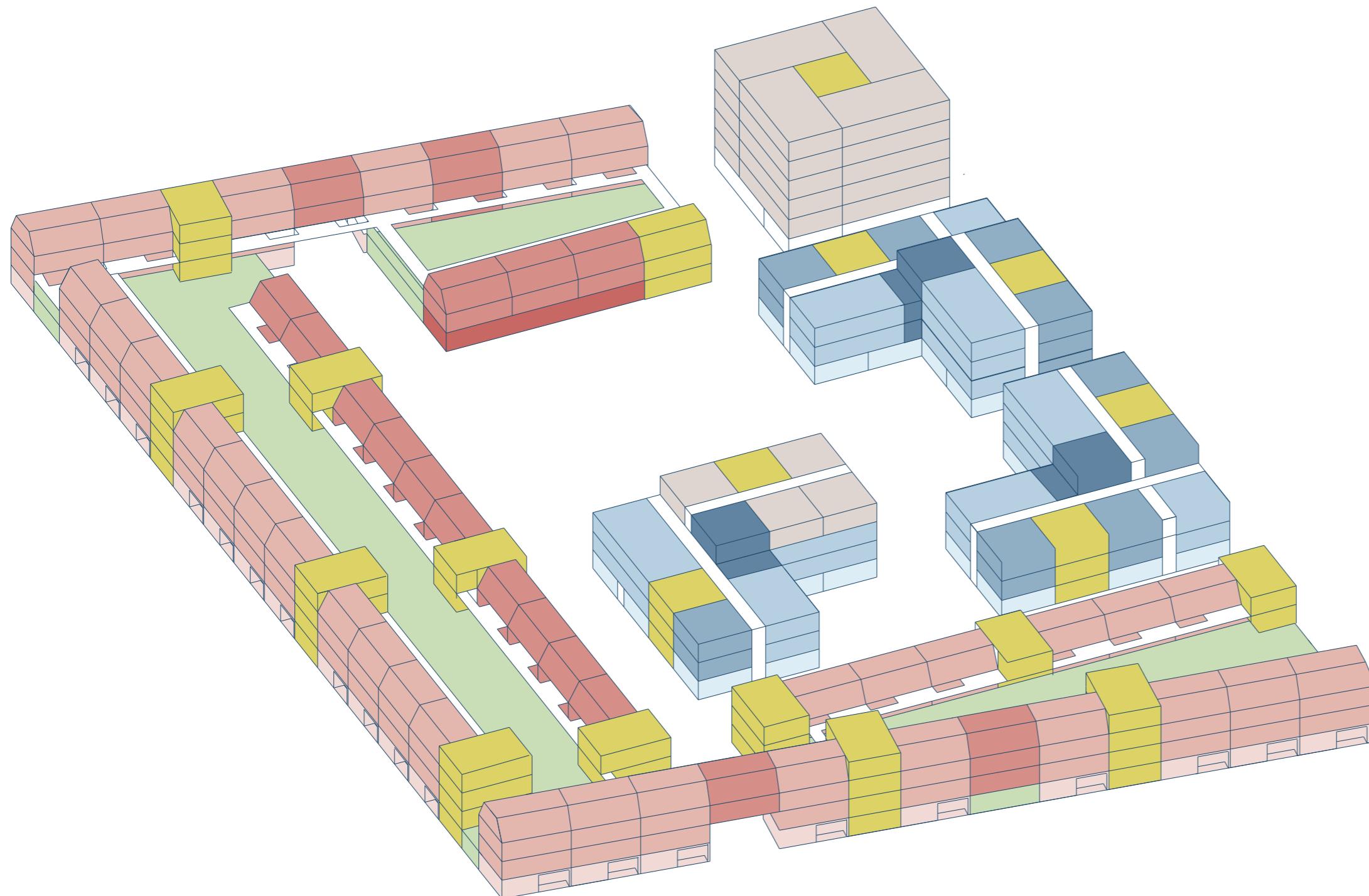
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 55m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)
- = Apartments ca. 100 m²
- = Activity rooms
- = Car parking



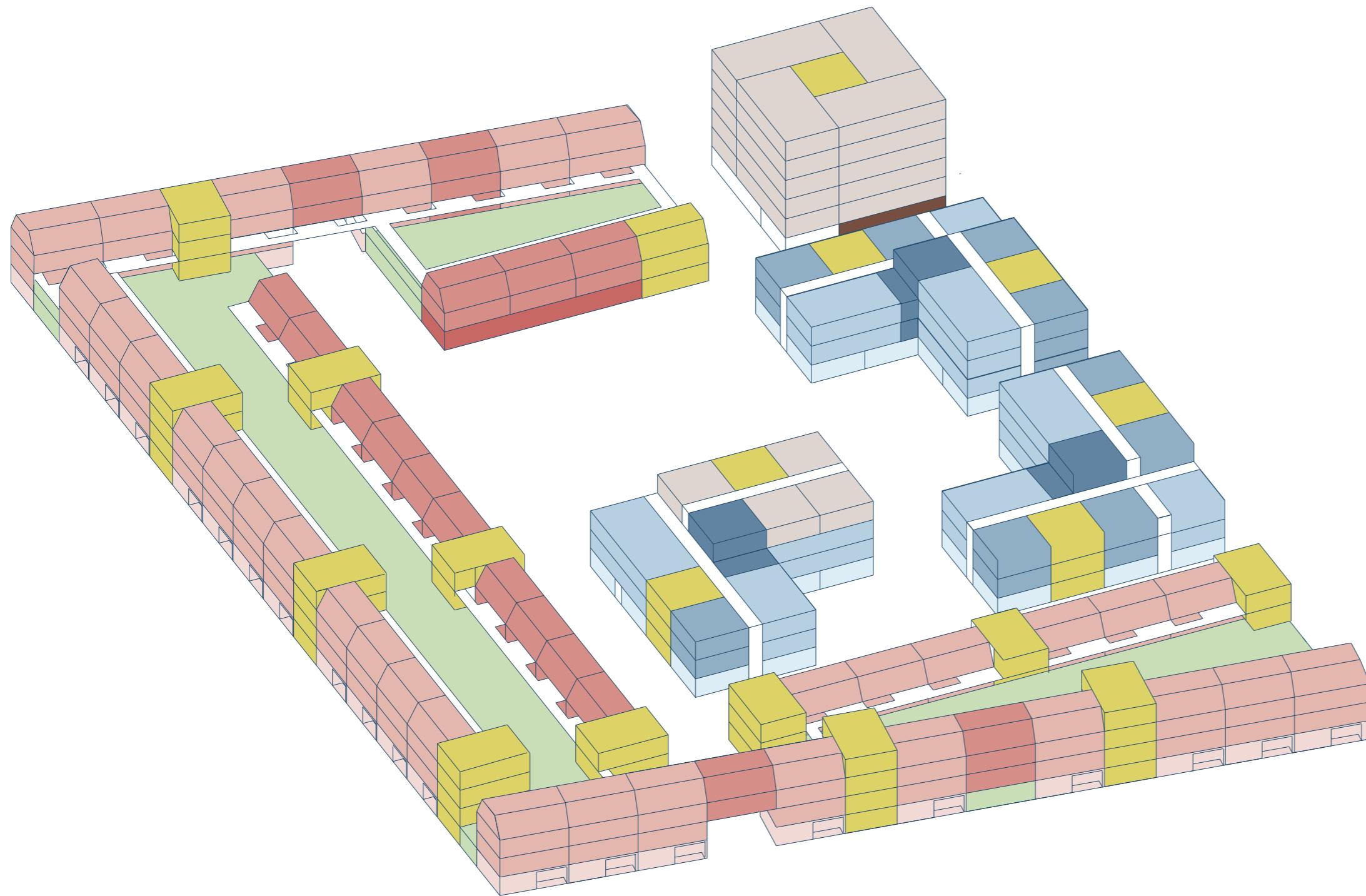
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 55m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)
- = Apartments ca. 100 m²
- = Activity rooms
- = Car parking



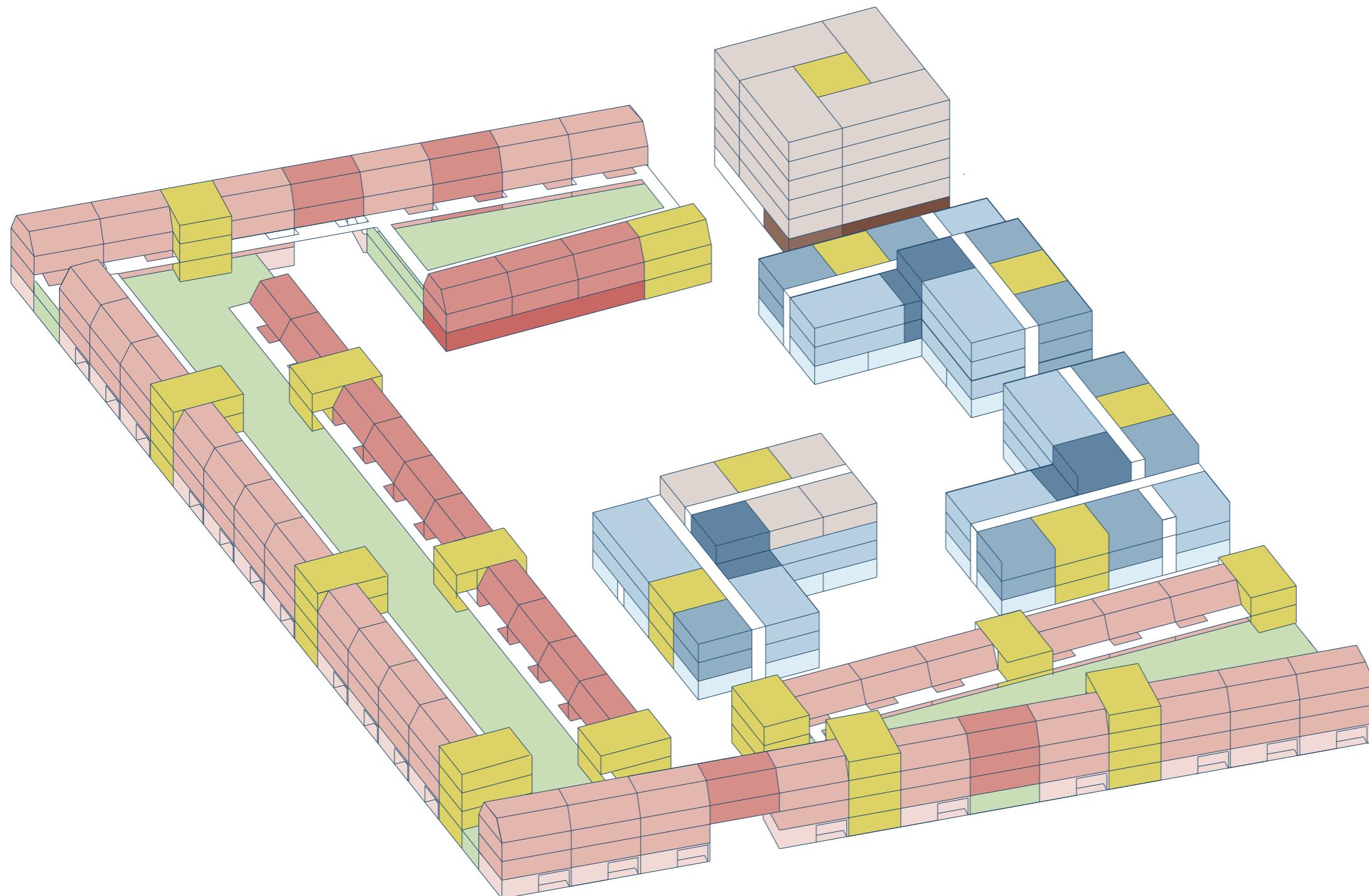
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 55m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)
- = Apartments ca. 100 m²
- = Activity rooms
- = Car parking
- = Apartments ca. 100 m²



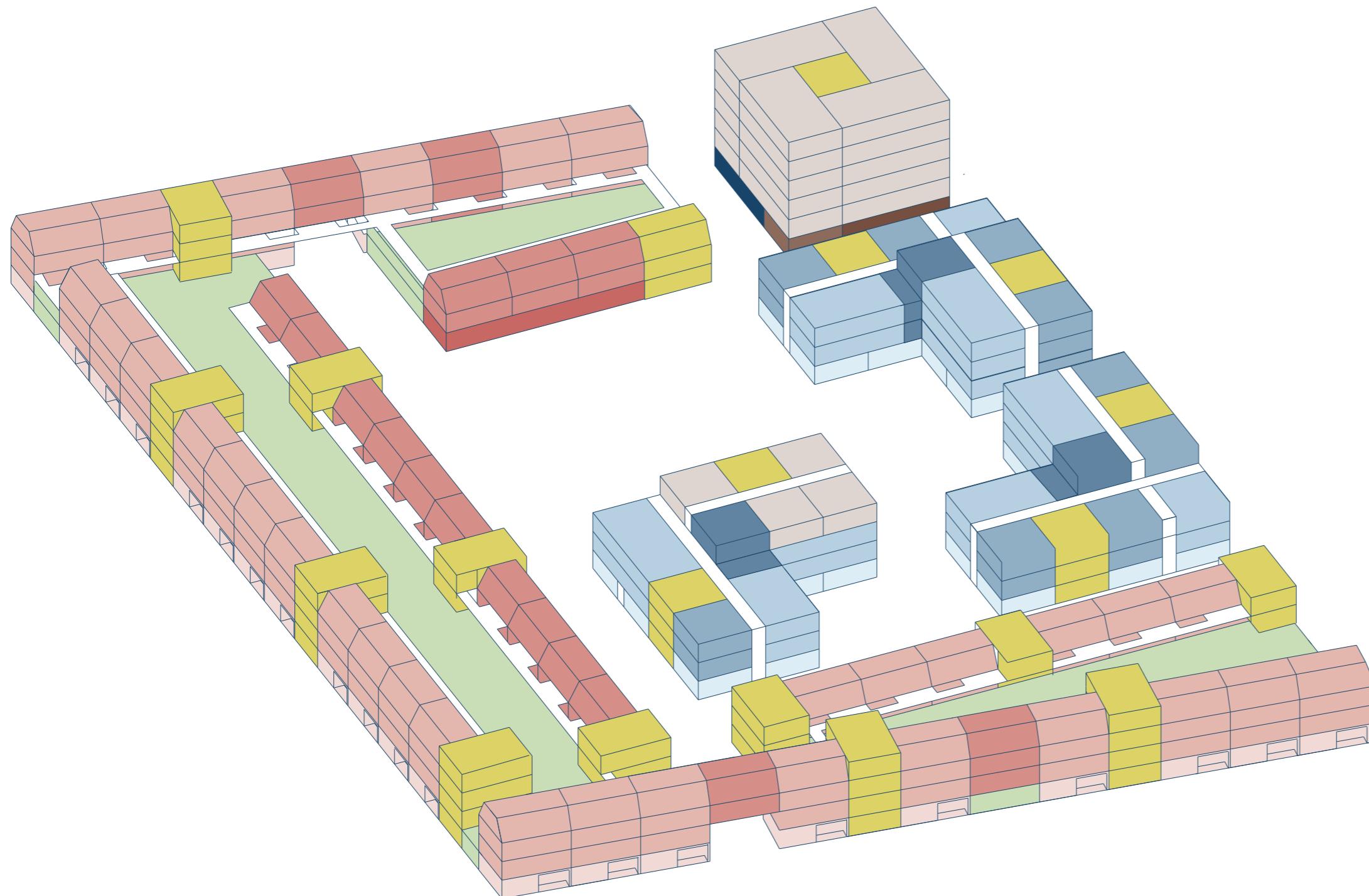
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 55m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)
- = Apartments ca. 100 m²
- = Activity rooms
- = Car parking
- = Apartments ca. 100 m²
- = Small supermarket



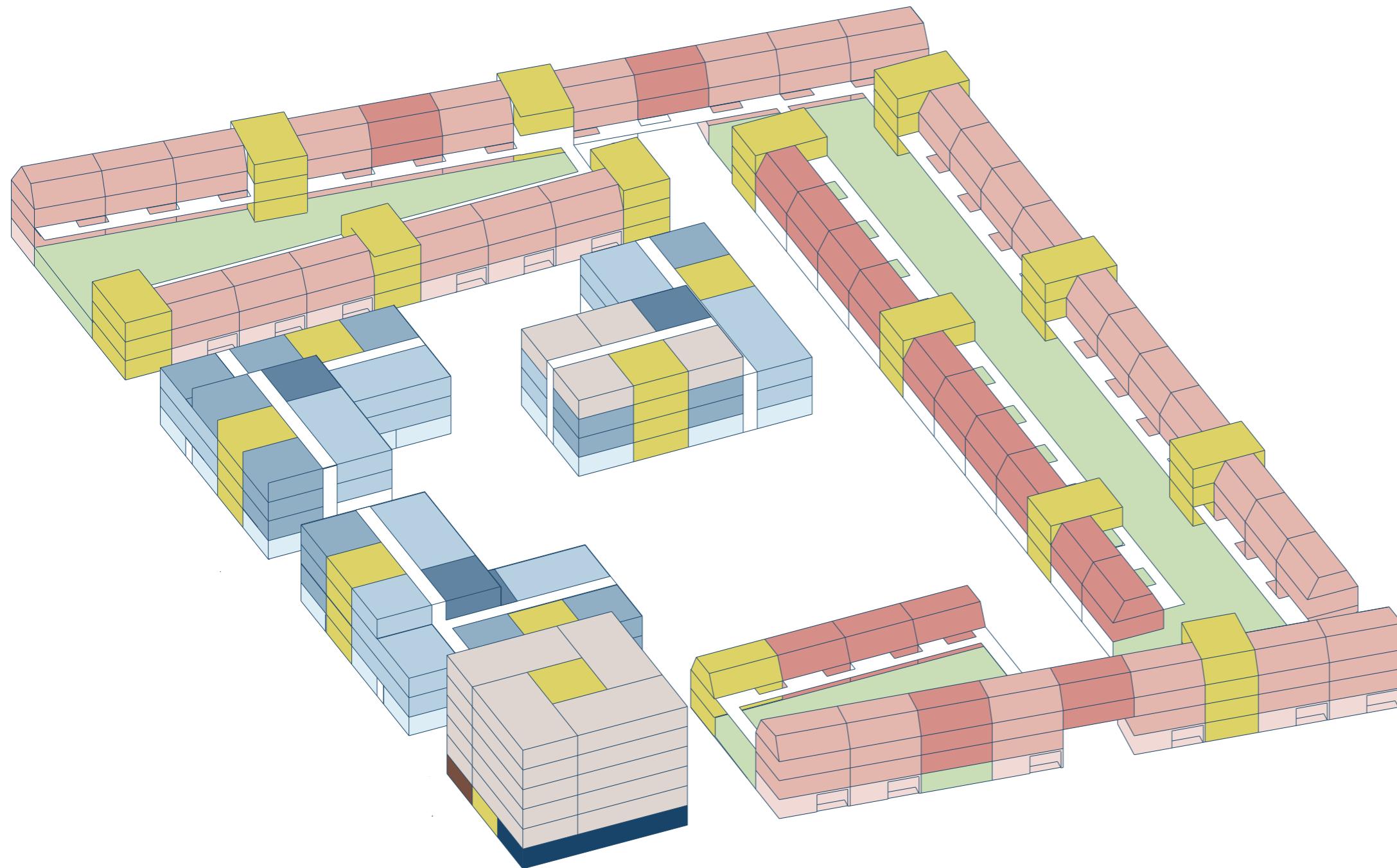
Legend

- = 24/7 care elderly with dementia
- = Assisted living
- = 2 room appartement ca. 55m²
- = Shared space
- = Guest apartment (family)
- = Rising cores
- = Intergenerational living (Elderly parents unit)
- = Intergenerational living (childrens unit)
- = Apartments ca. 100 m²
- = Activity rooms
- = Car parking
- = Apartments ca. 100 m²
- = Small supermarket
- = Hairdresser



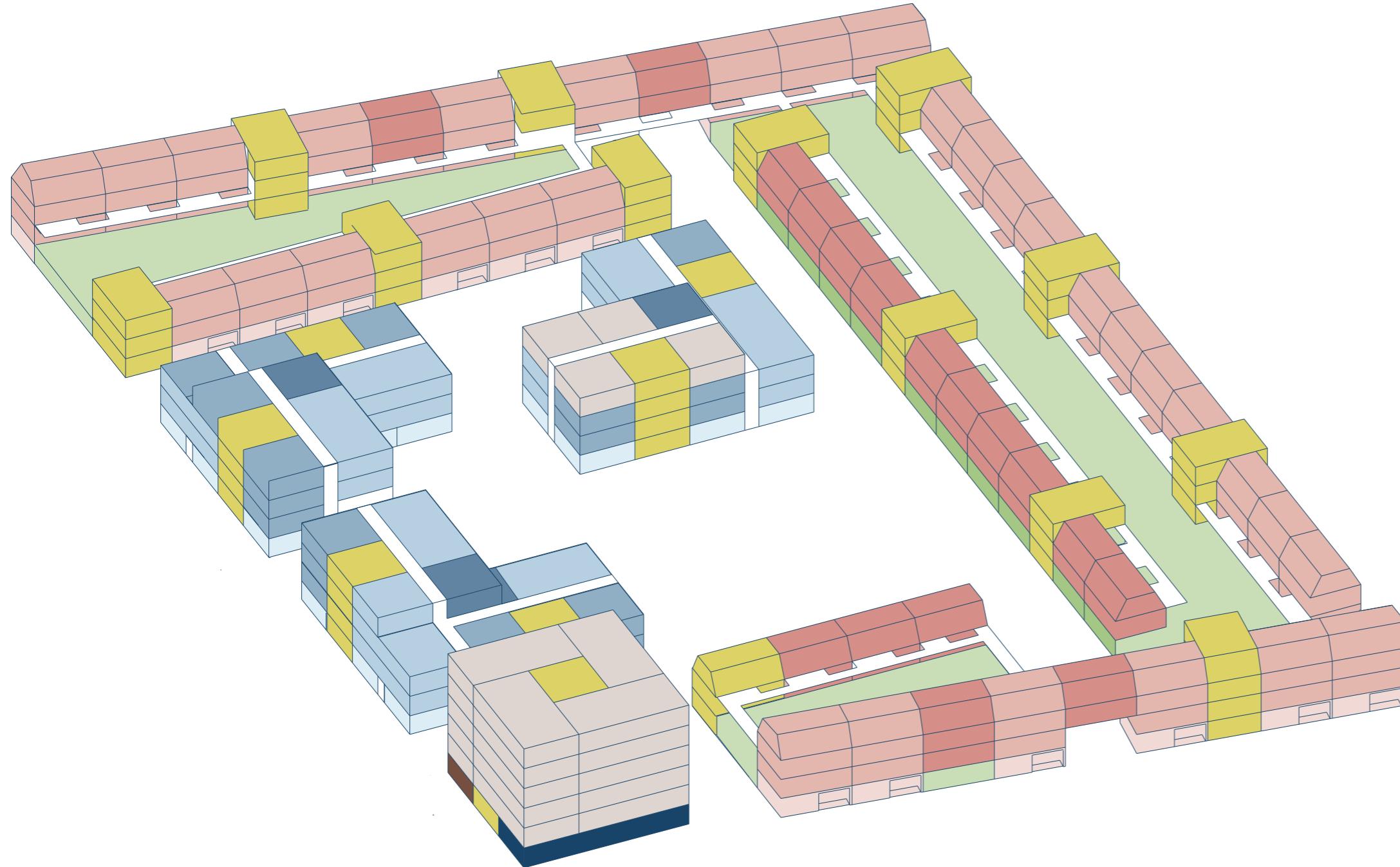
Legend

Light Blue	= 24/7 care elderly with dementia
Medium Blue	= Assisted living
Dark Blue	= 2 room appartement ca. 55m ²
Dark Blue	= Shared space
Brown	= Guest apartment (family)
Yellow	= Rising cores
Pink	= Intergenerational living (Elderly parents unit)
Red	= Intergenerational living (childrens unit)
Dark Red	= Apartments ca. 100 m ²
Red	= Activity rooms
Light Green	= Car parking
Brown	= Apartments ca. 100 m ²
Brown	= Small supermarket
Brown	= Hairdresser
Dark Blue	= Restaurant / café



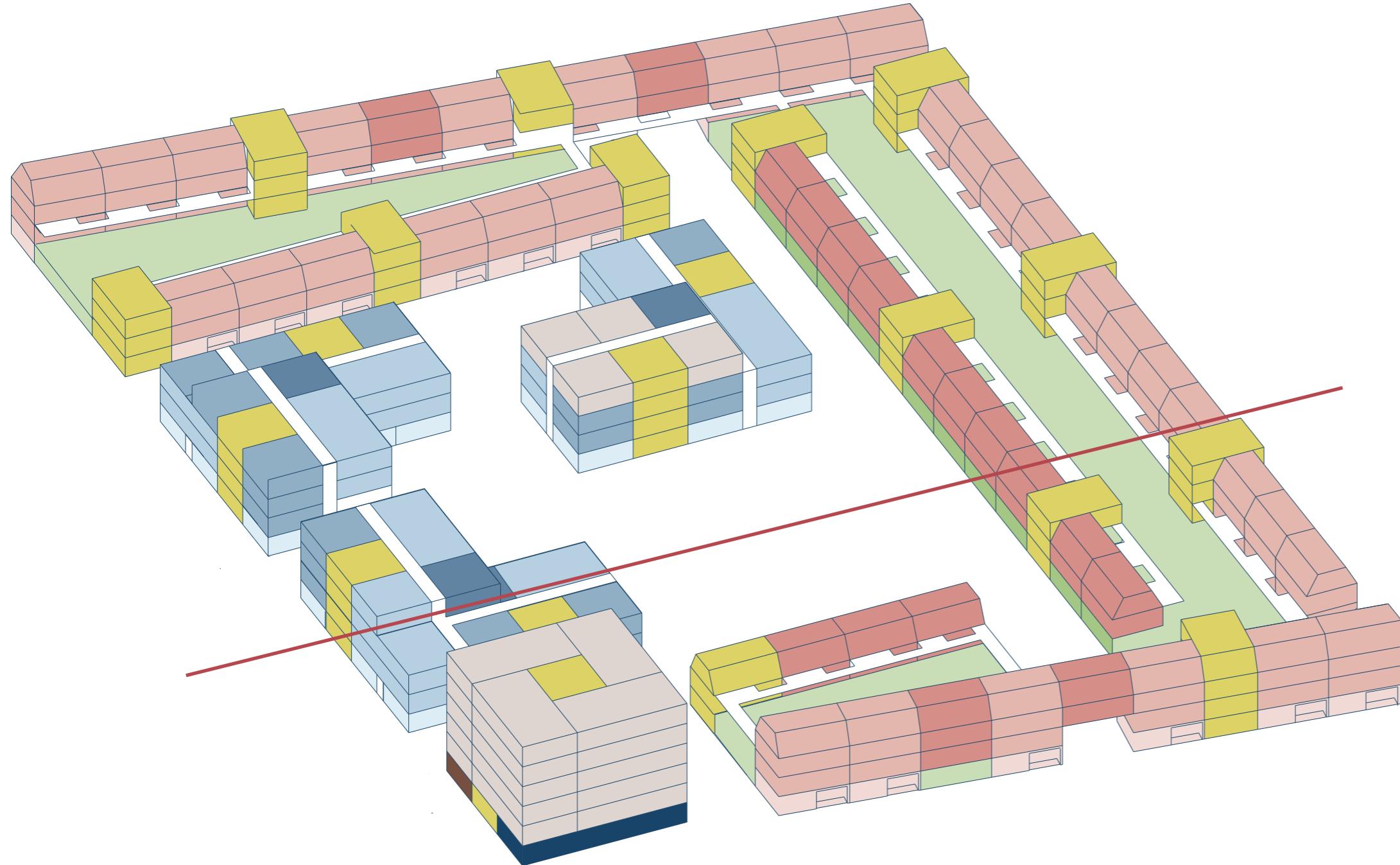
Legend

 = bicycle / scooter / mobility scooter parking

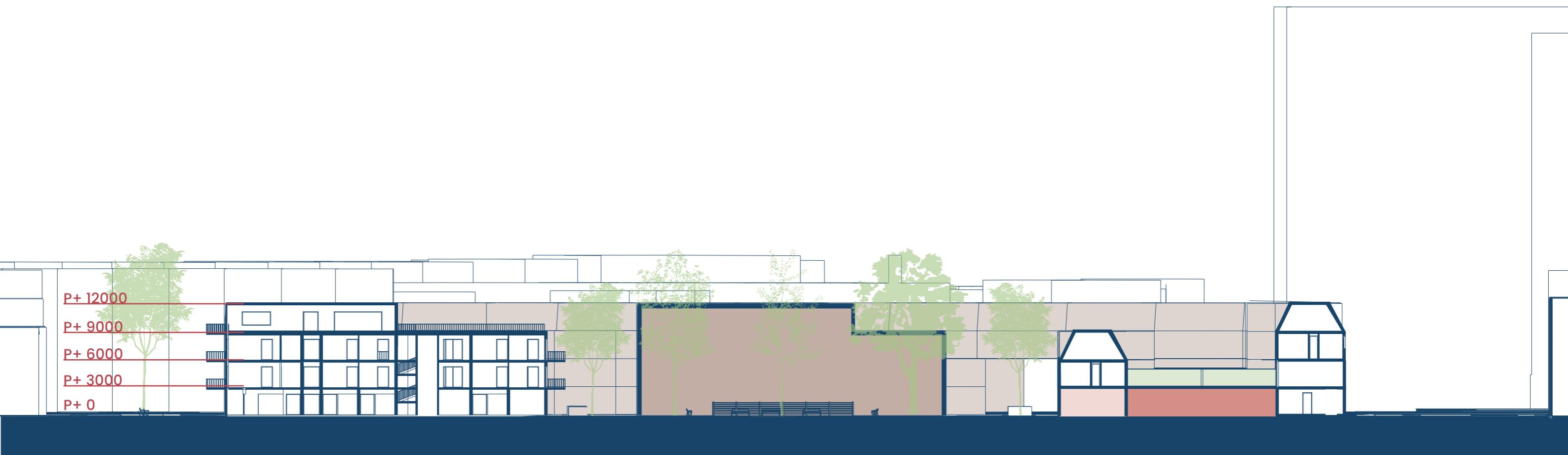


Legend

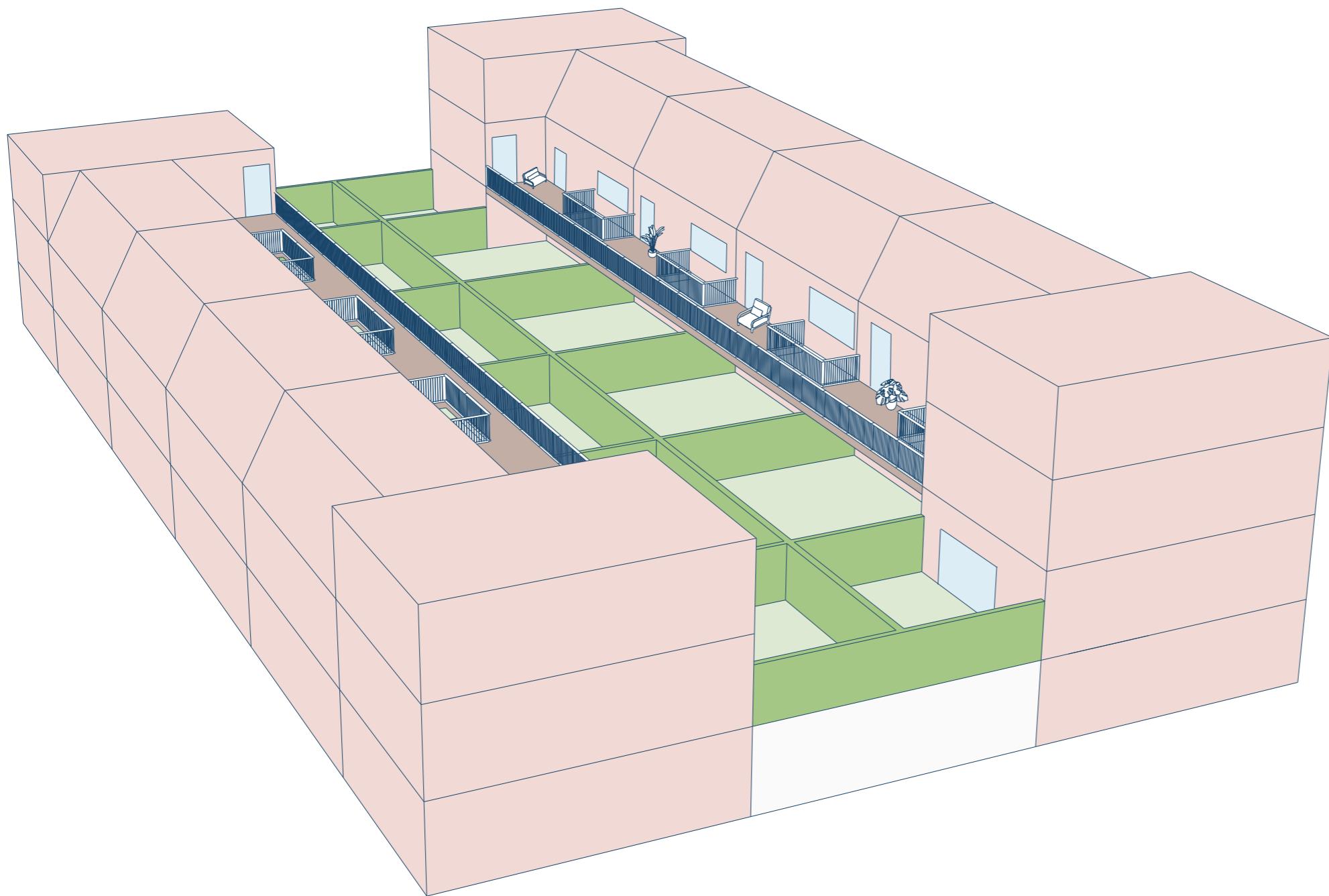
 = bicycle / scooter / mobility scooter parking



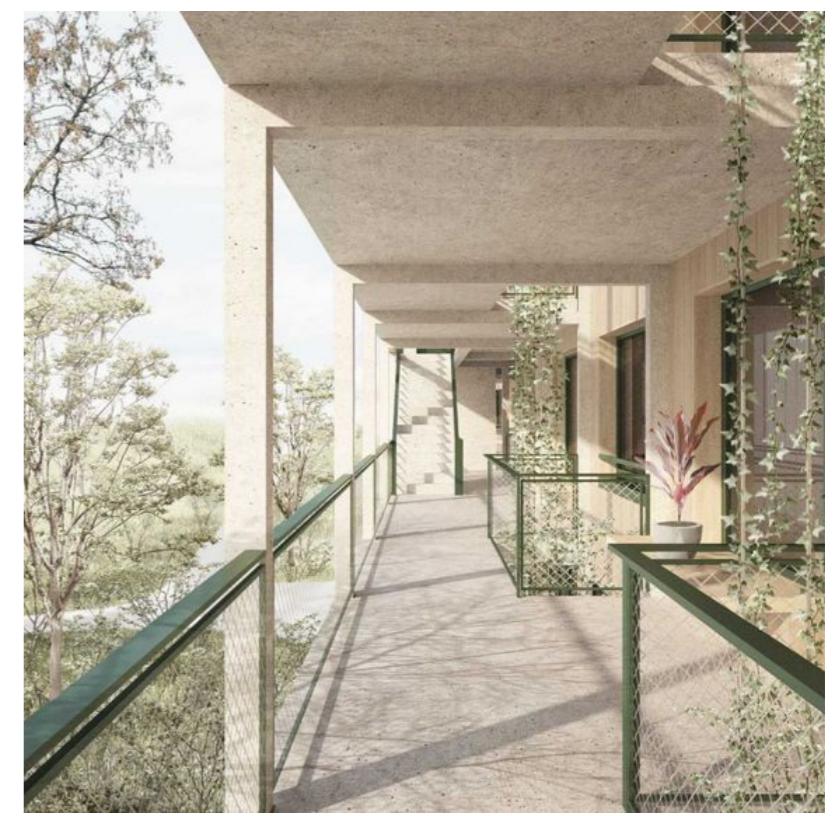
SECTION 1:400



ACCESS SYSTEM INTERGENERATIONAL LIVING

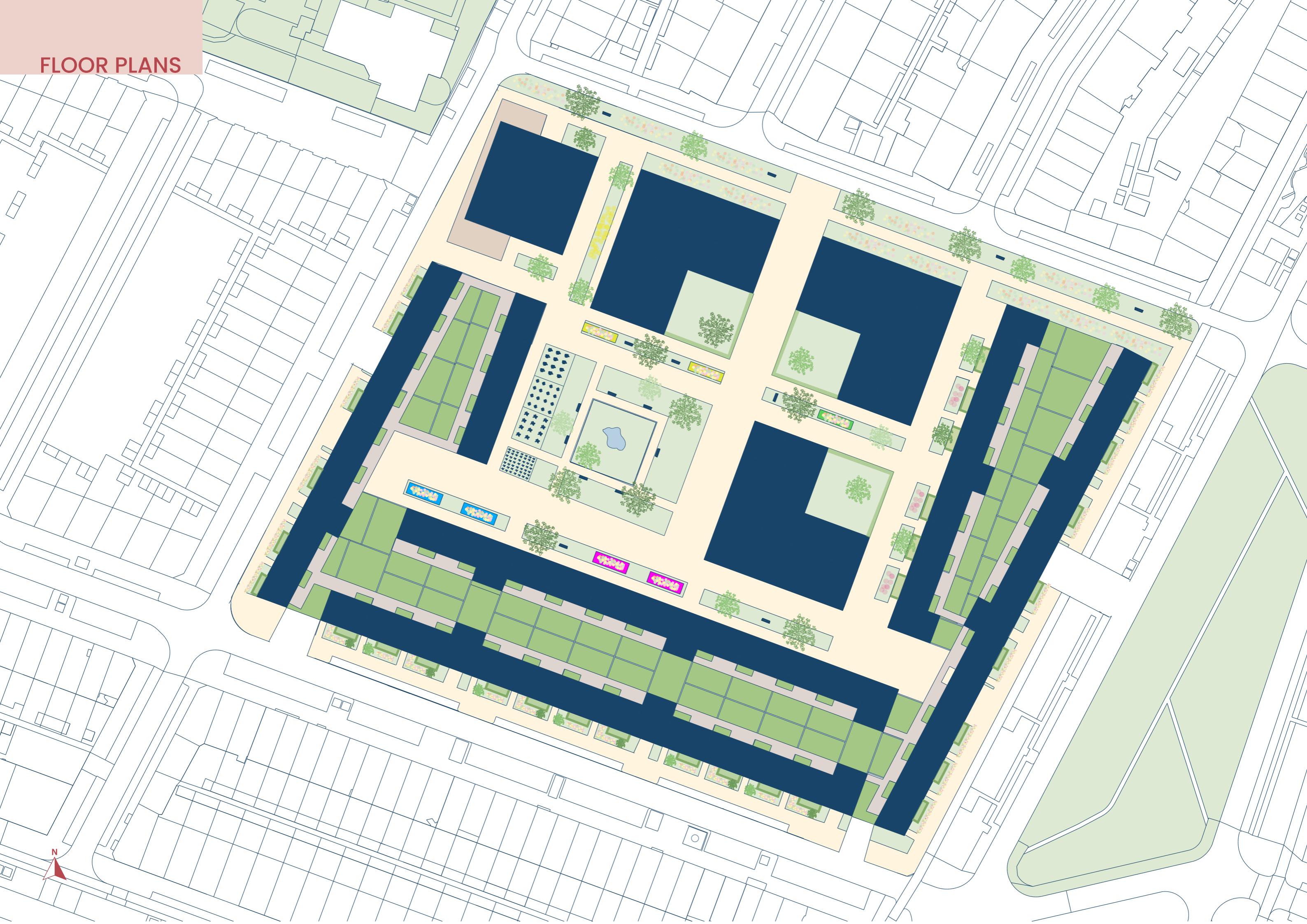


(Pinterest)

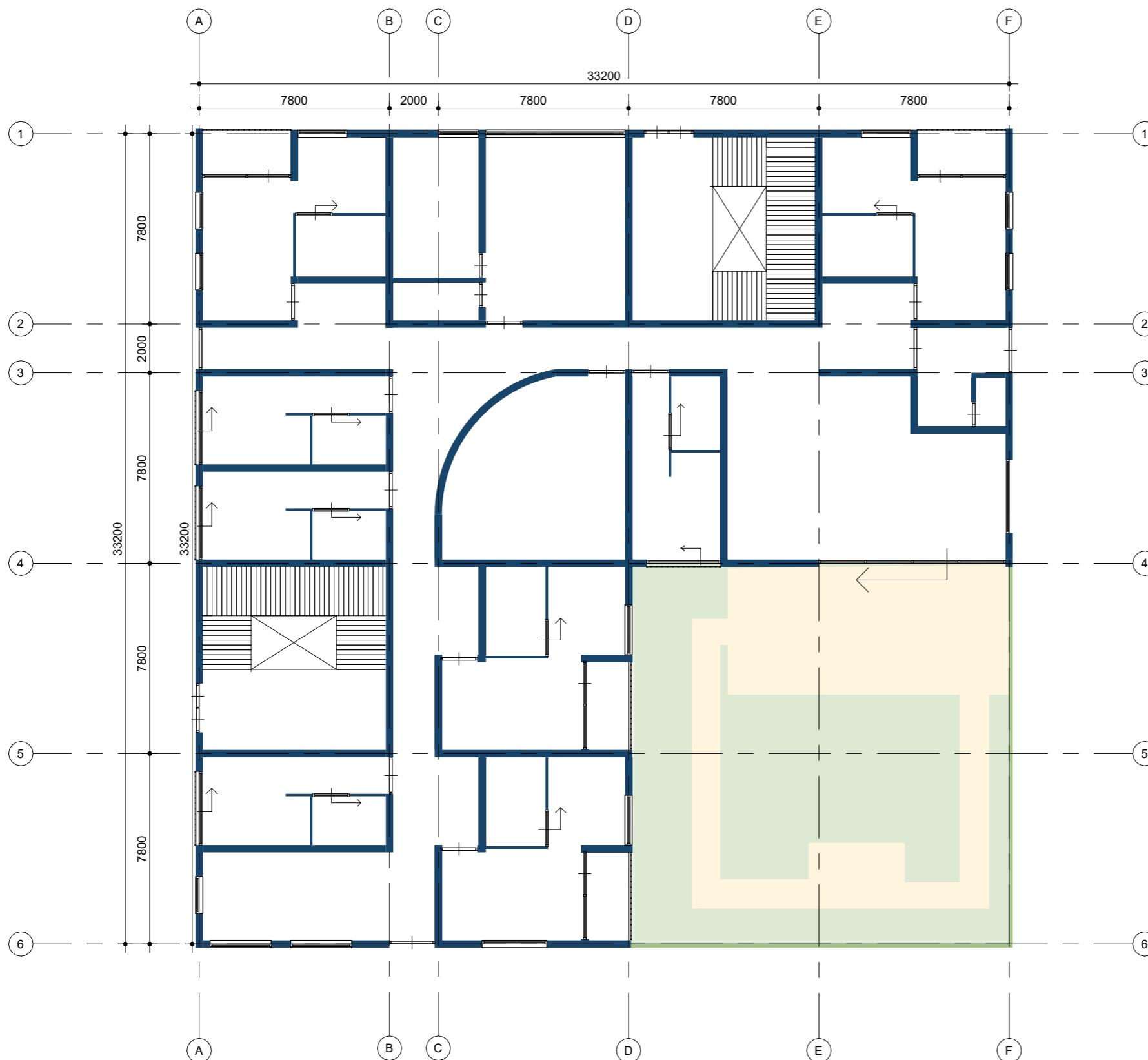


(Pinterest)

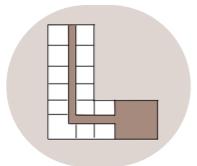
FLOOR PLANS



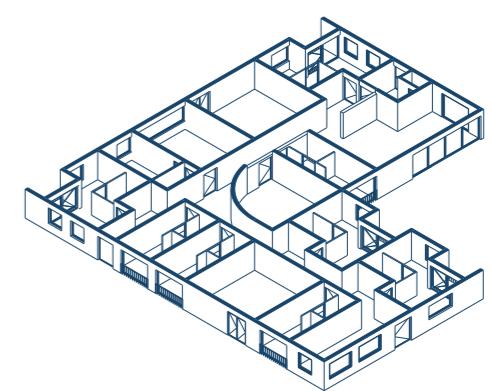
GROUND FLOOR 1:200



Design guidelines used:

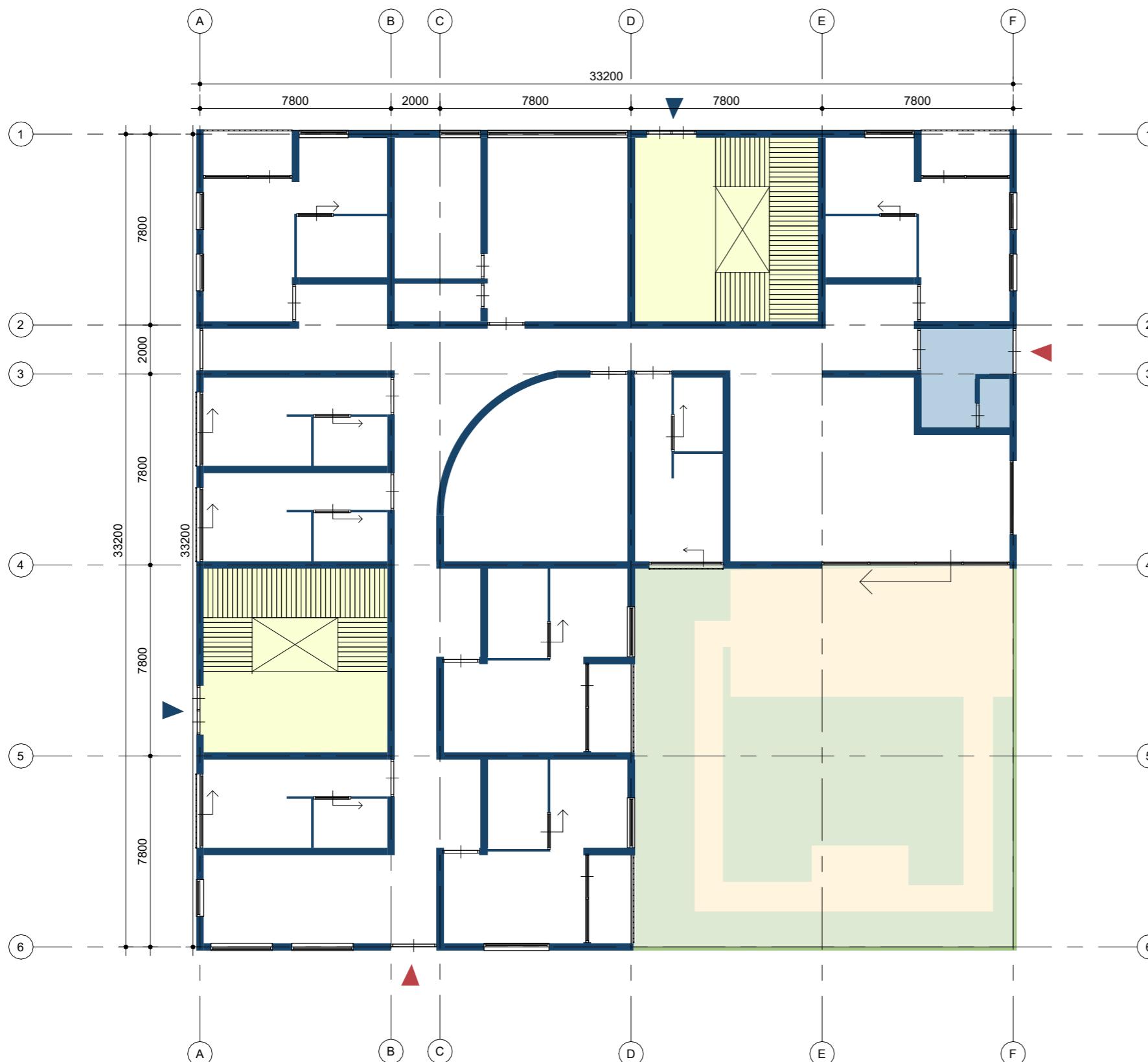


Simple L floor plan

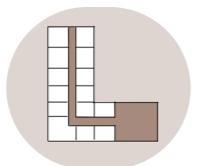


Axonometry 1:600

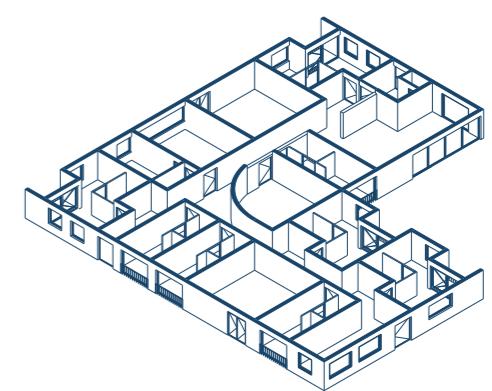
GROUND FLOOR 1:200



Design guidelines used:

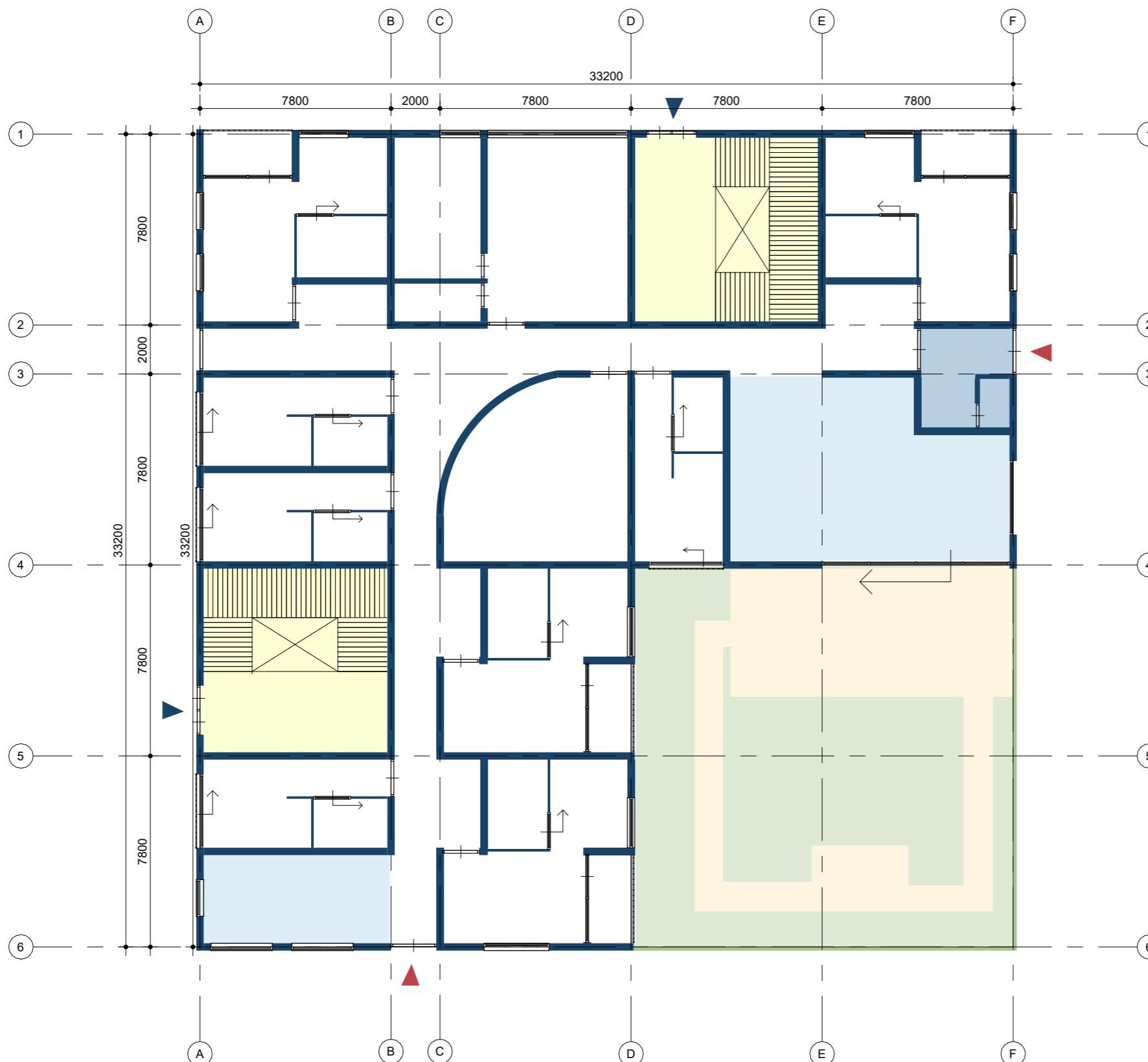


Simple L floor plan

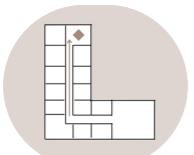


Axonometry 1:600

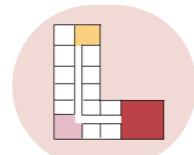
GROUND FLOOR 1:200



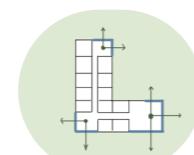
Design guidelines used:



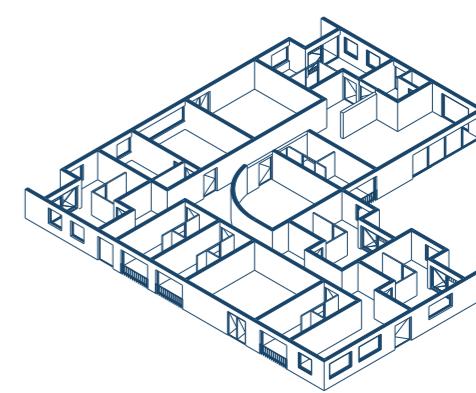
No dead ends



Characteristics

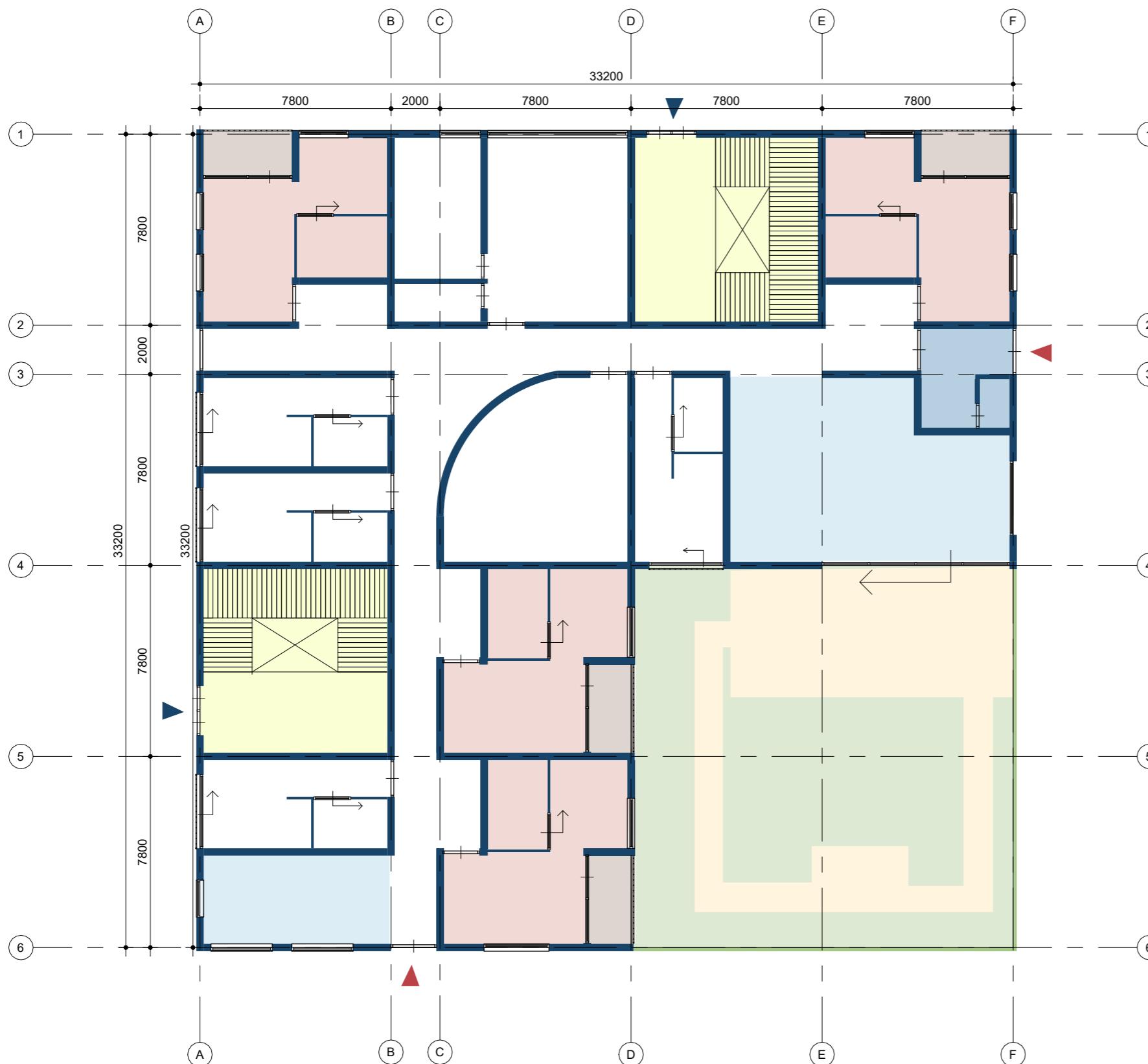


Living rooms day-light from 2 sides



Axonometry 1:600

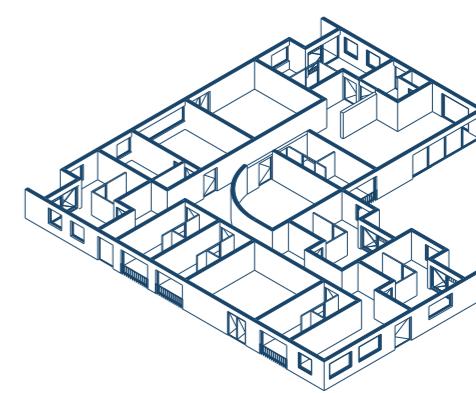
GROUND FLOOR 1:200



Design guidelines used:

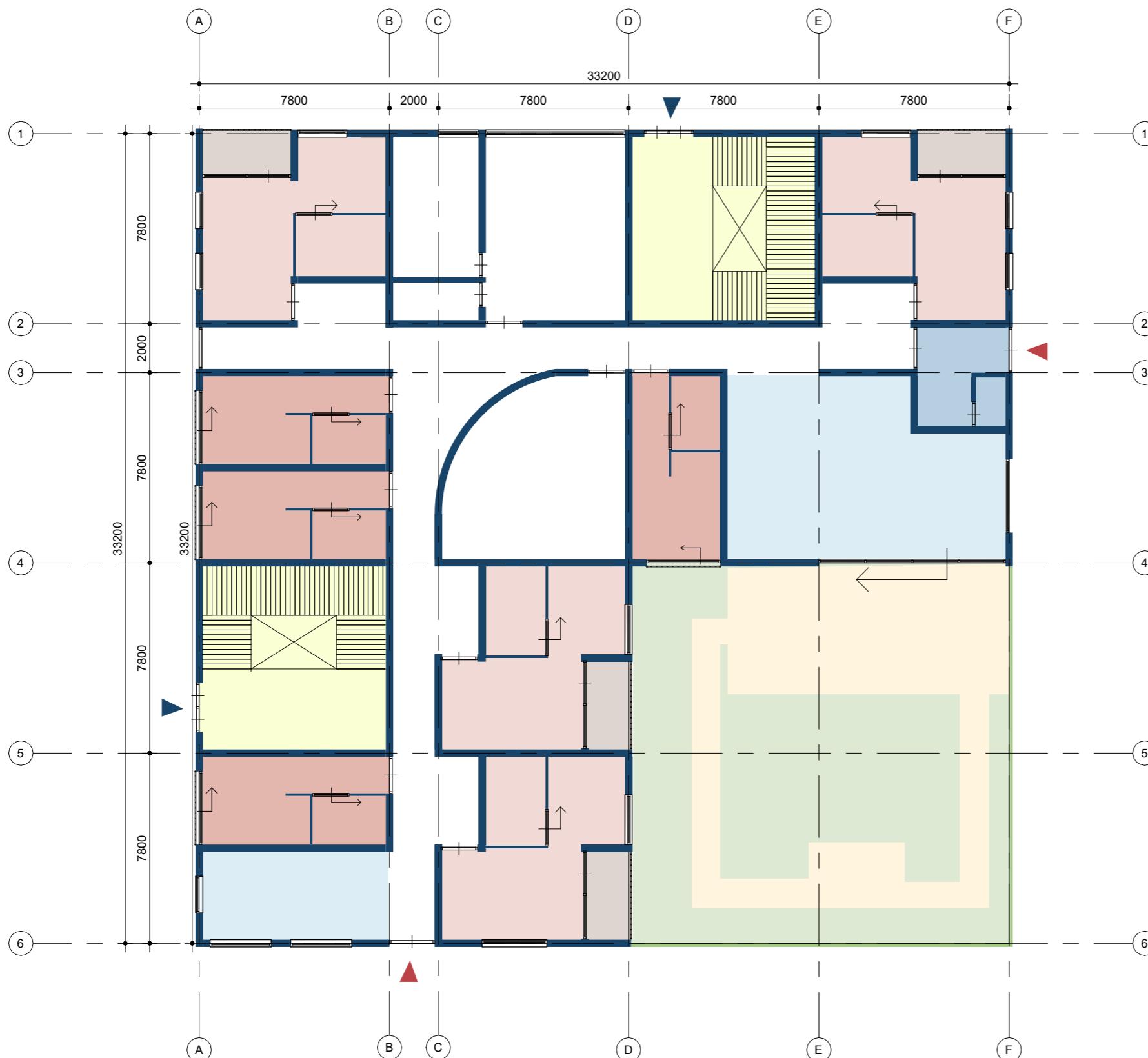


Small living groups



Axonometry 1:600

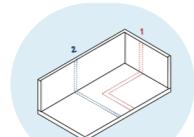
GROUND FLOOR 1:200



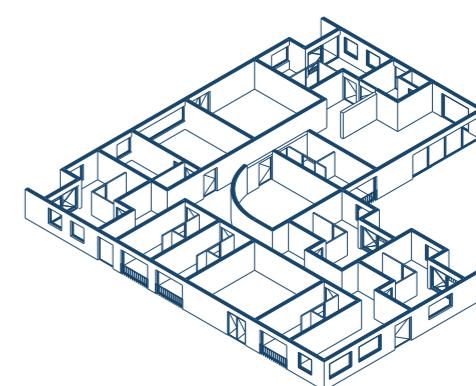
Design guidelines used:



Small living groups

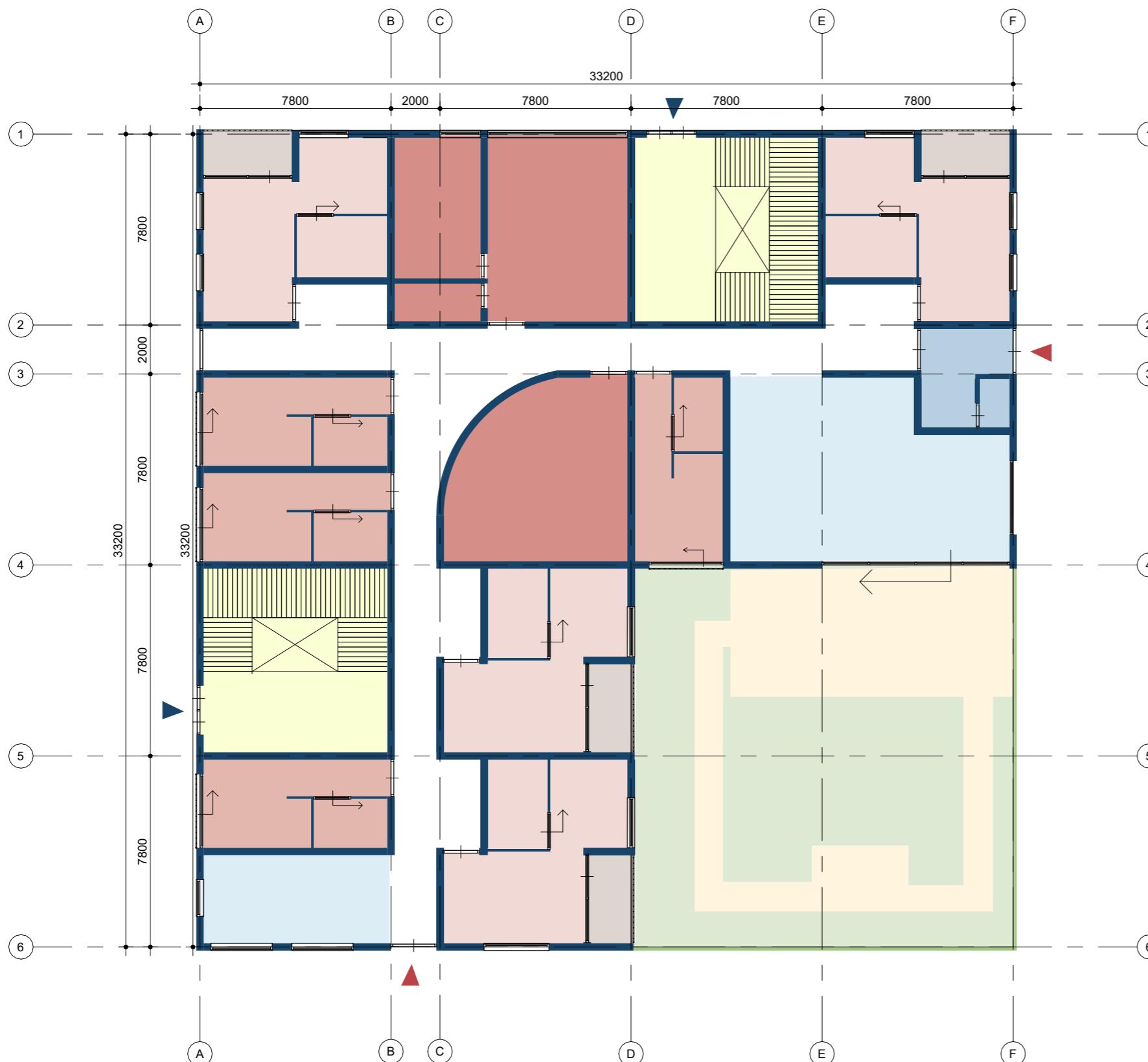


Two room layouts



Axonometry 1:600

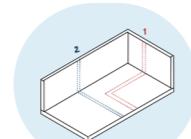
GROUND FLOOR 1:200



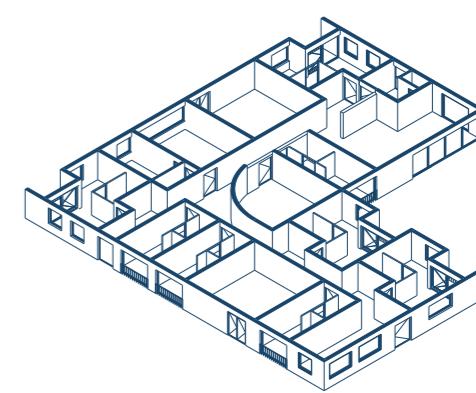
Design guidelines used:



Small living groups

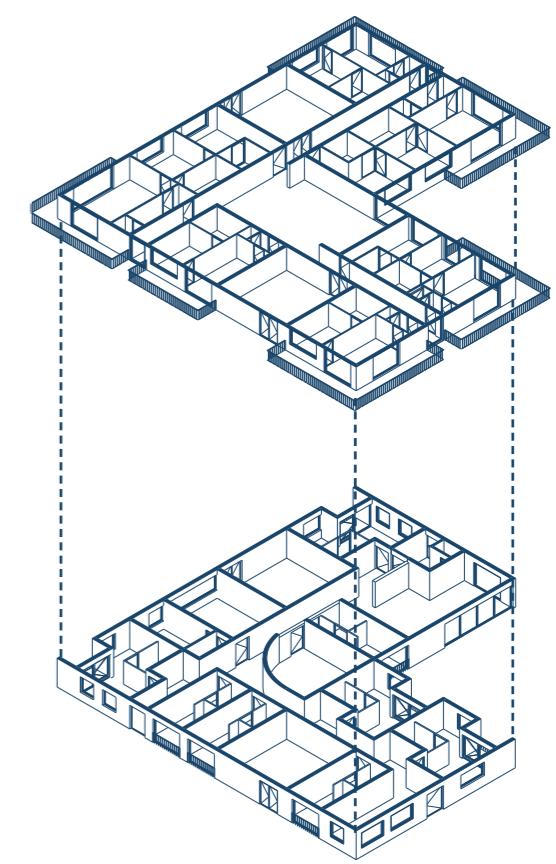
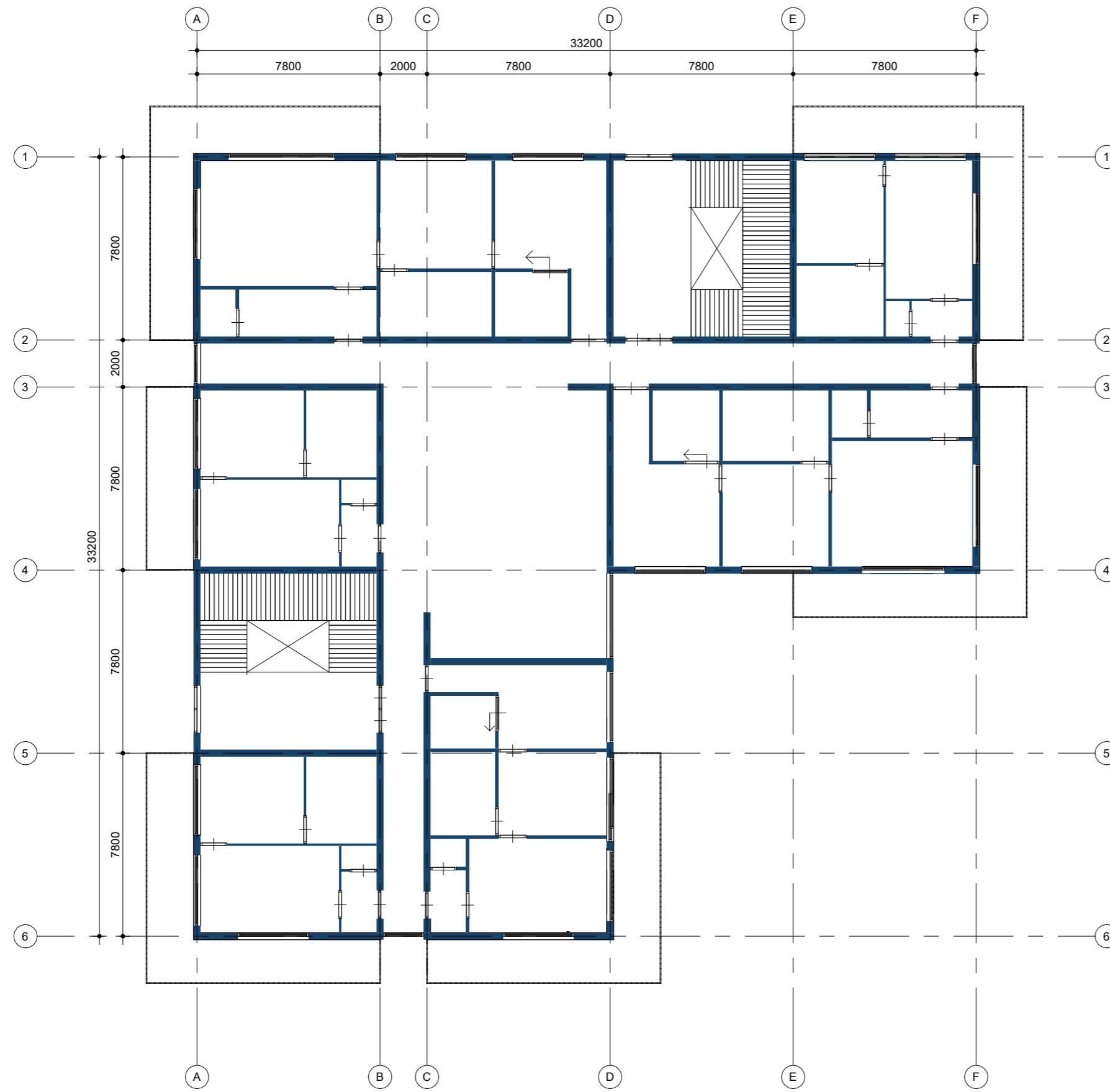


Two room layouts



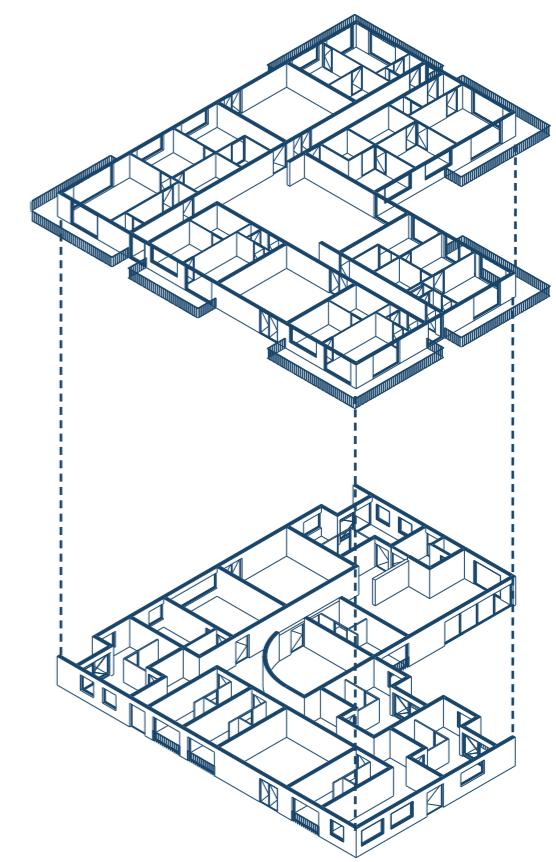
Axonometry 1:600

FIRST FLOOR 1:200



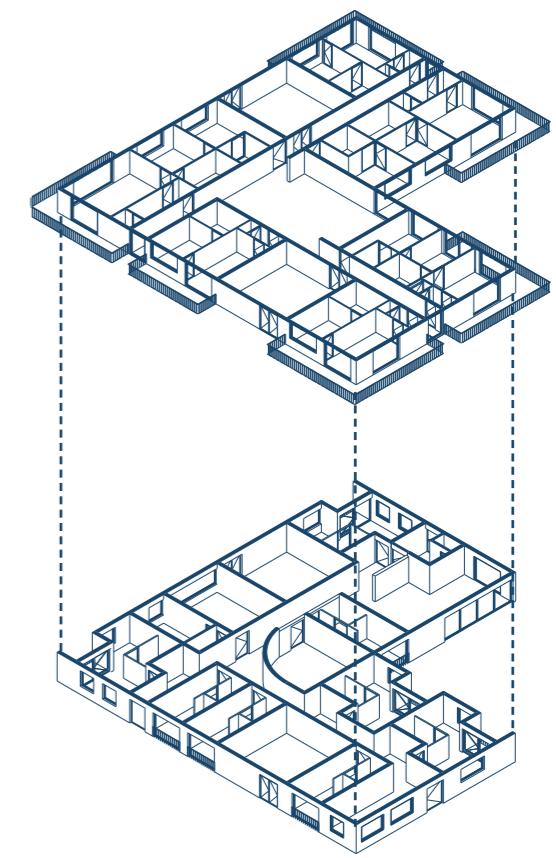
Axonometry 1:600

FIRST FLOOR 1:200



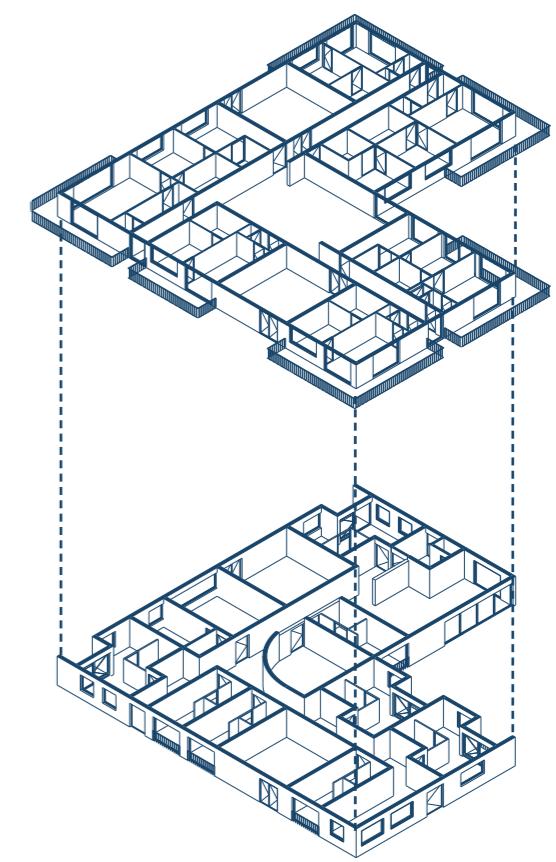
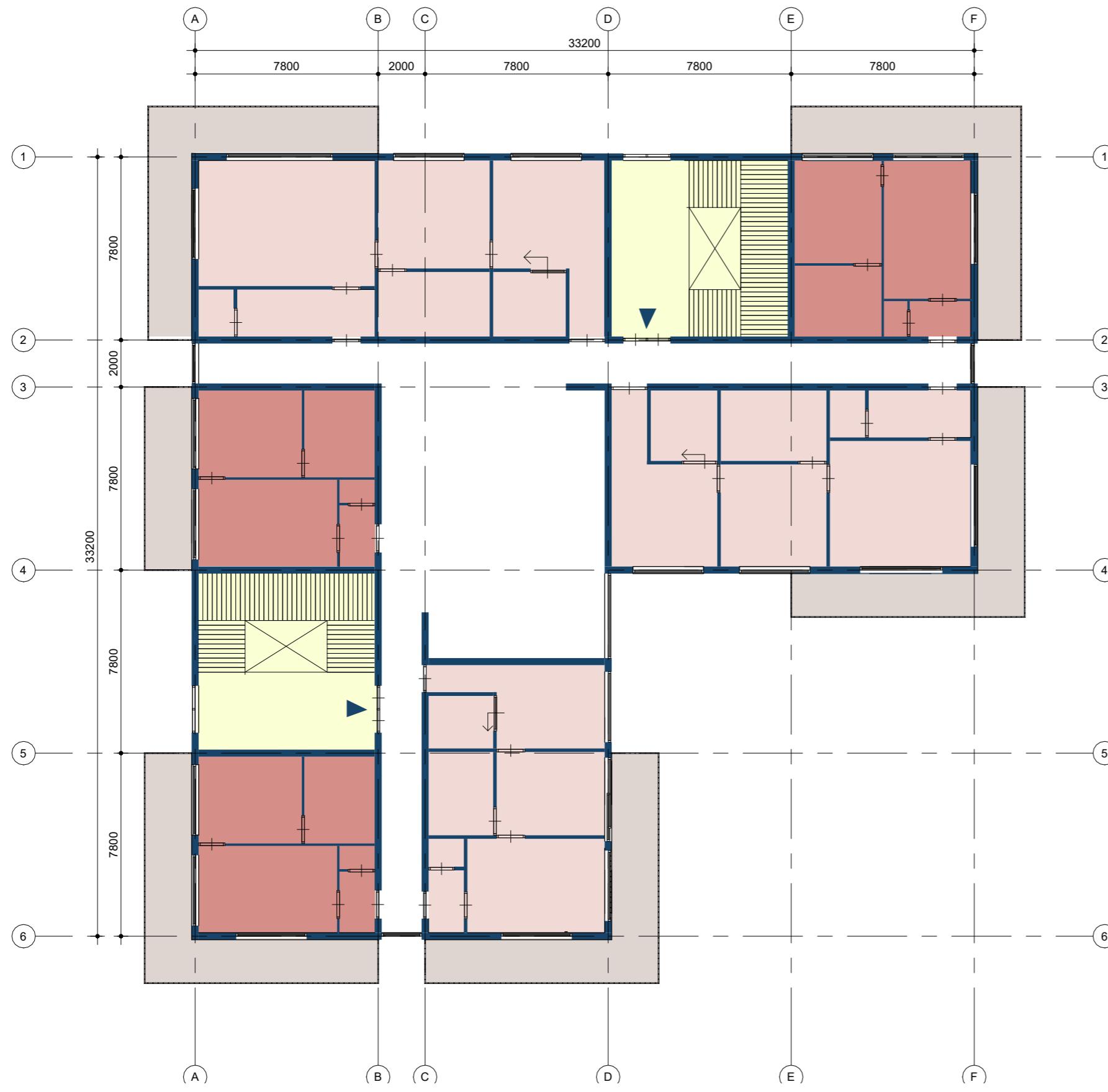
Axonometry 1:600

FIRST FLOOR 1:200



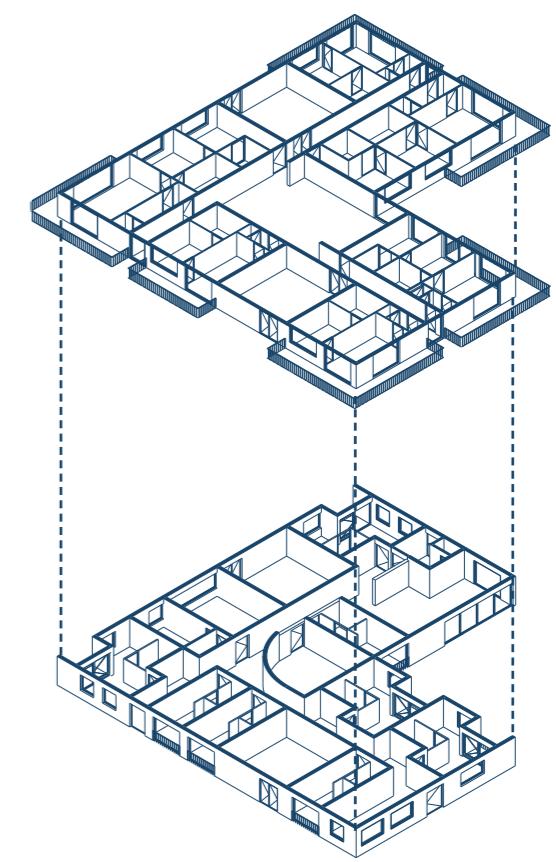
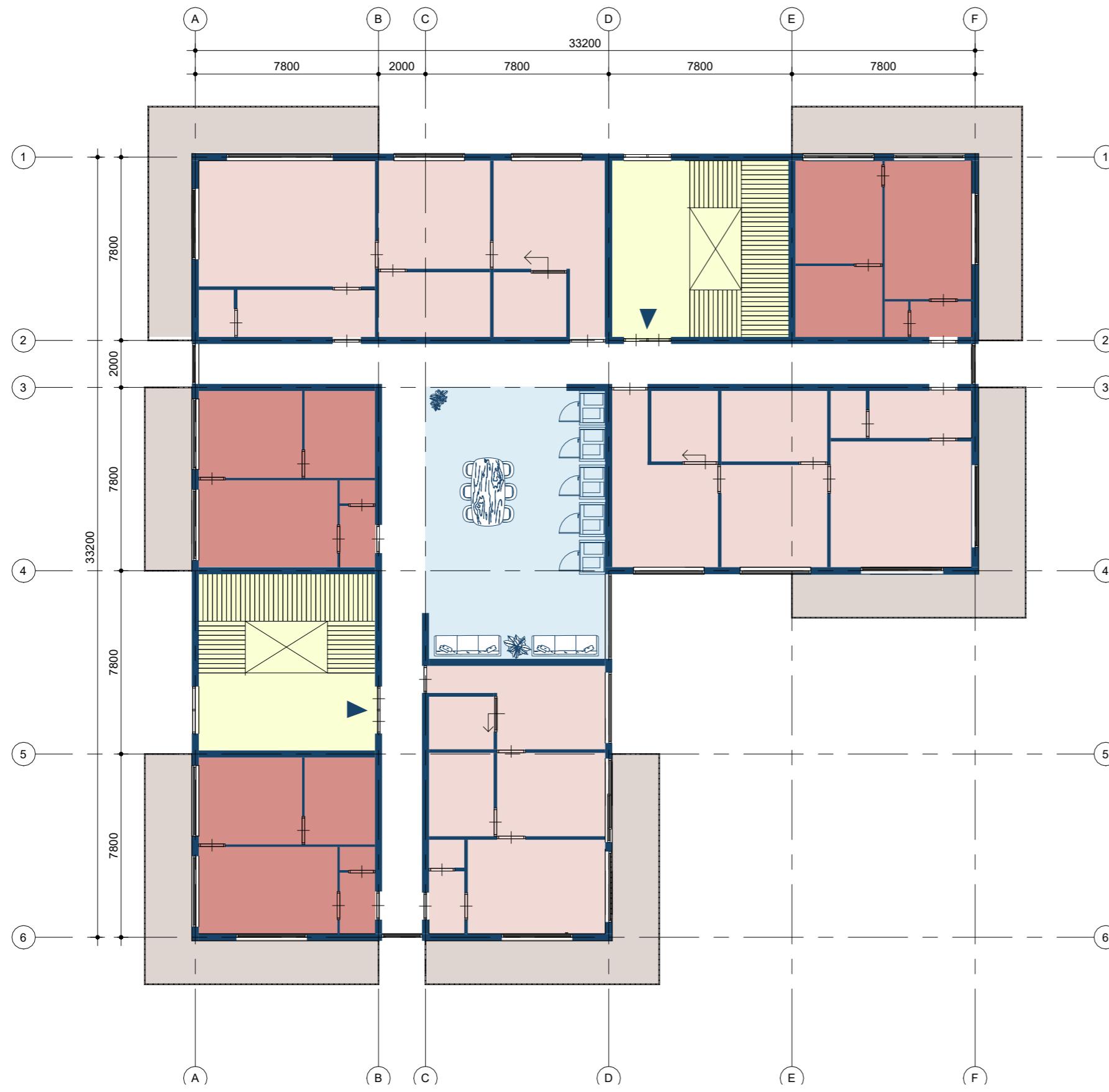
Axonometry 1:600

FIRST FLOOR 1:200



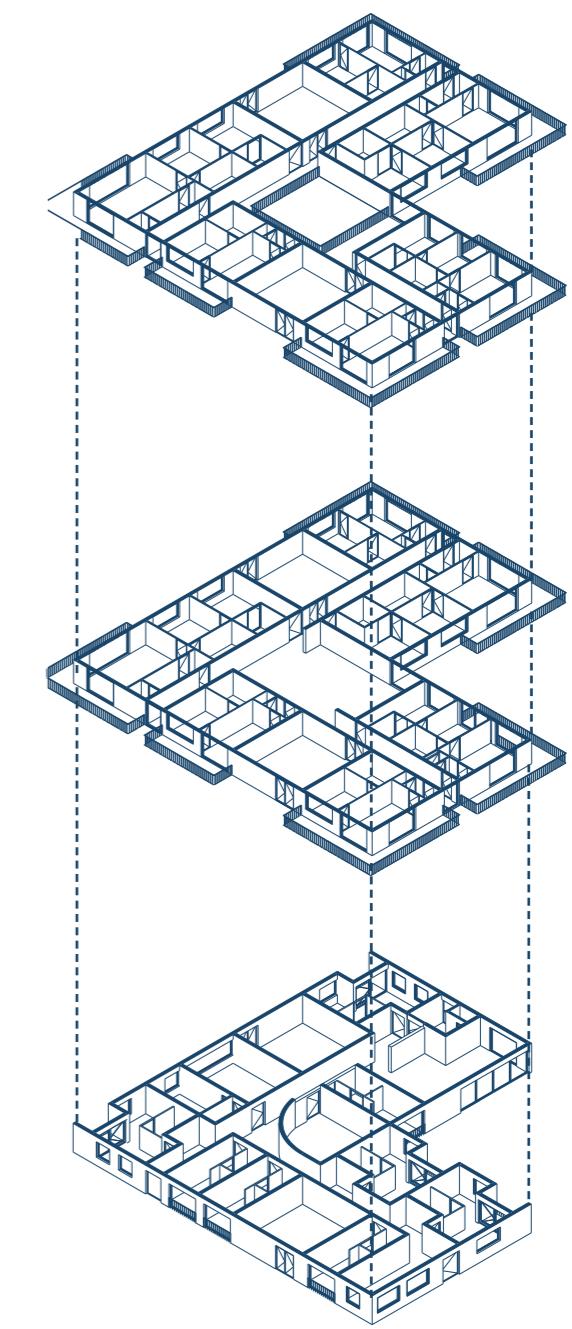
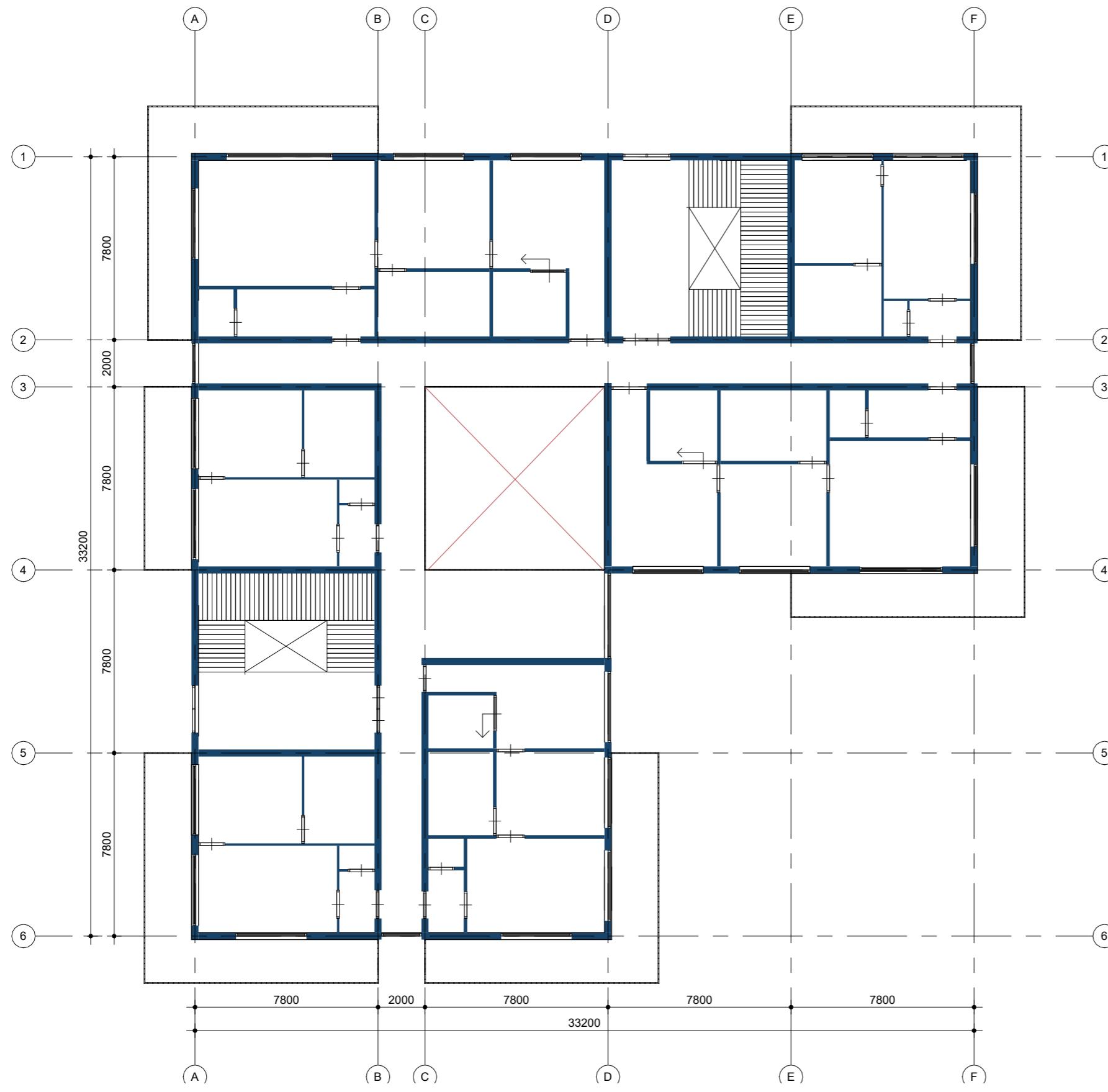
Axonometry 1:600

FIRST FLOOR 1:200



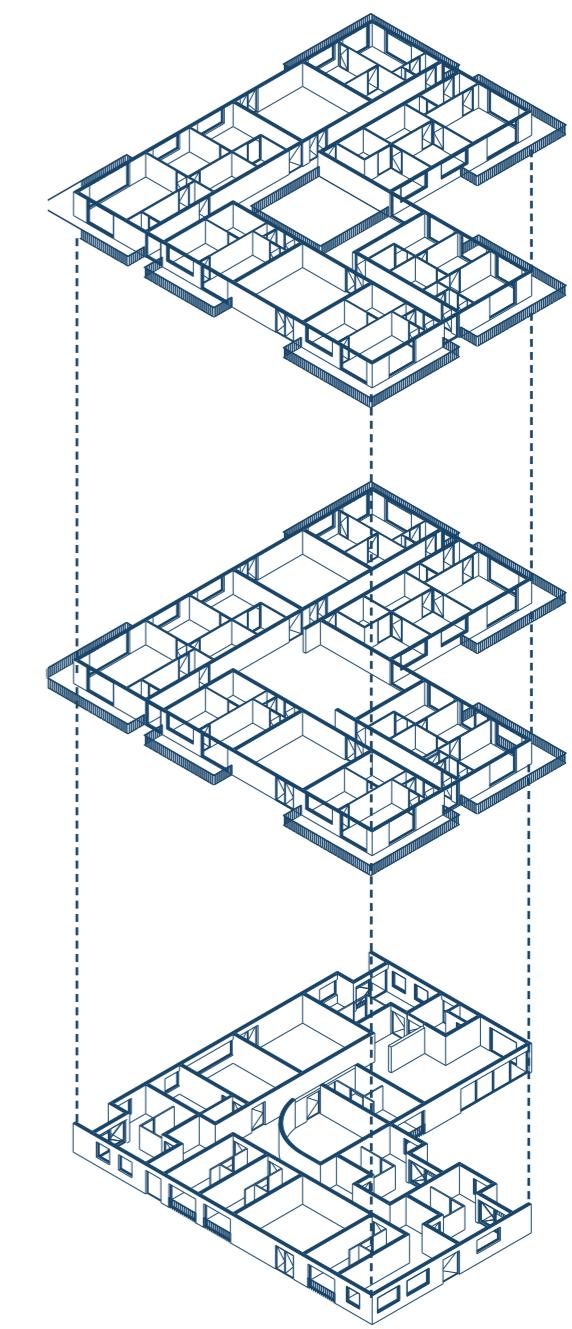
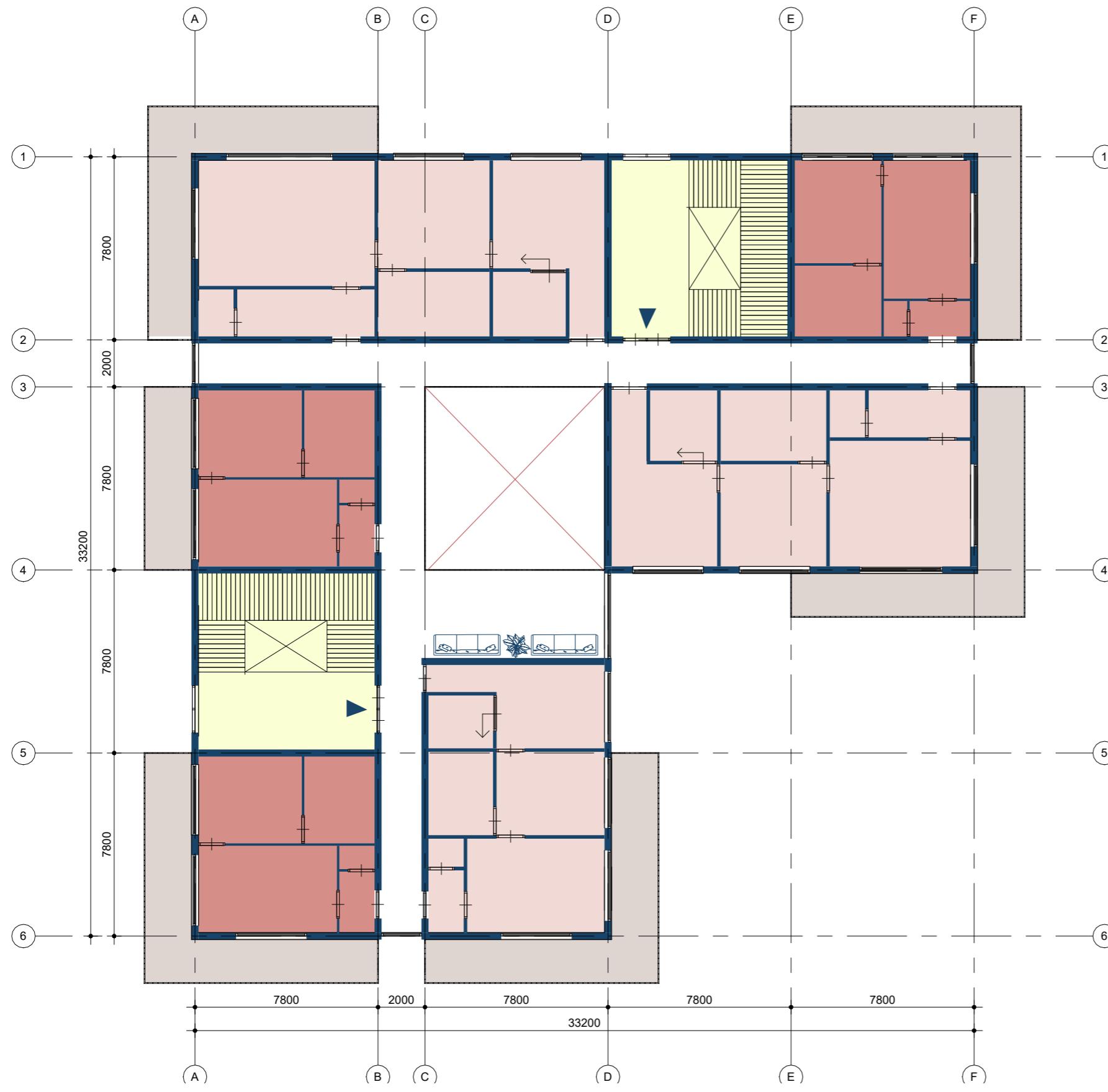
Axonometry 1:600

SECOND FLOOR 1:200



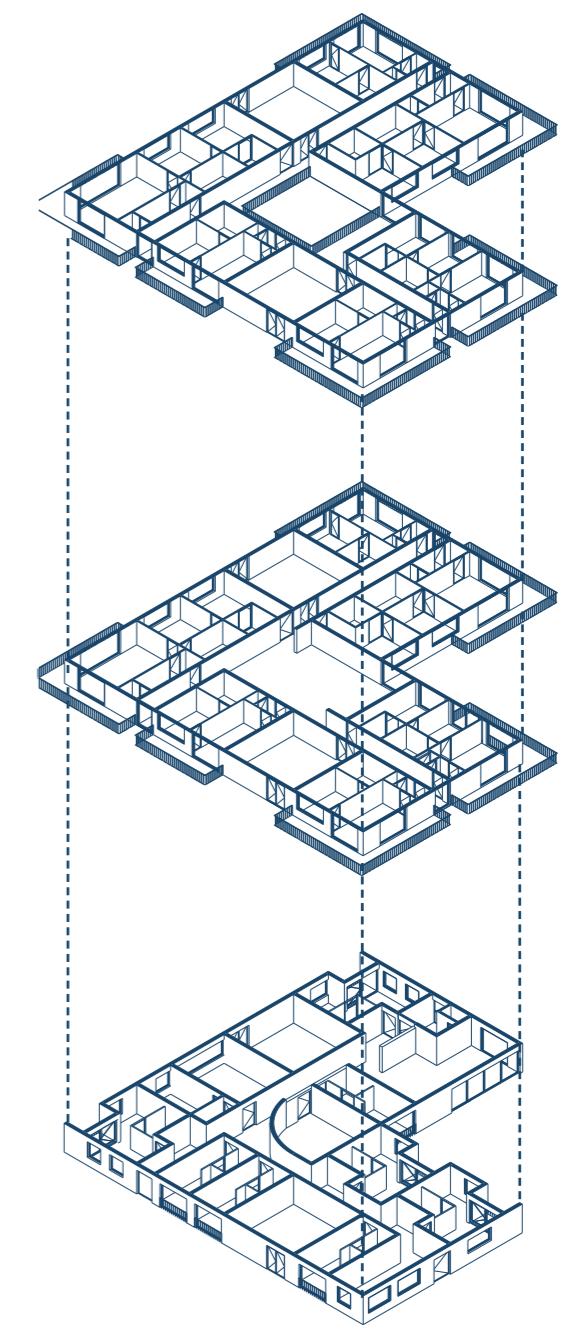
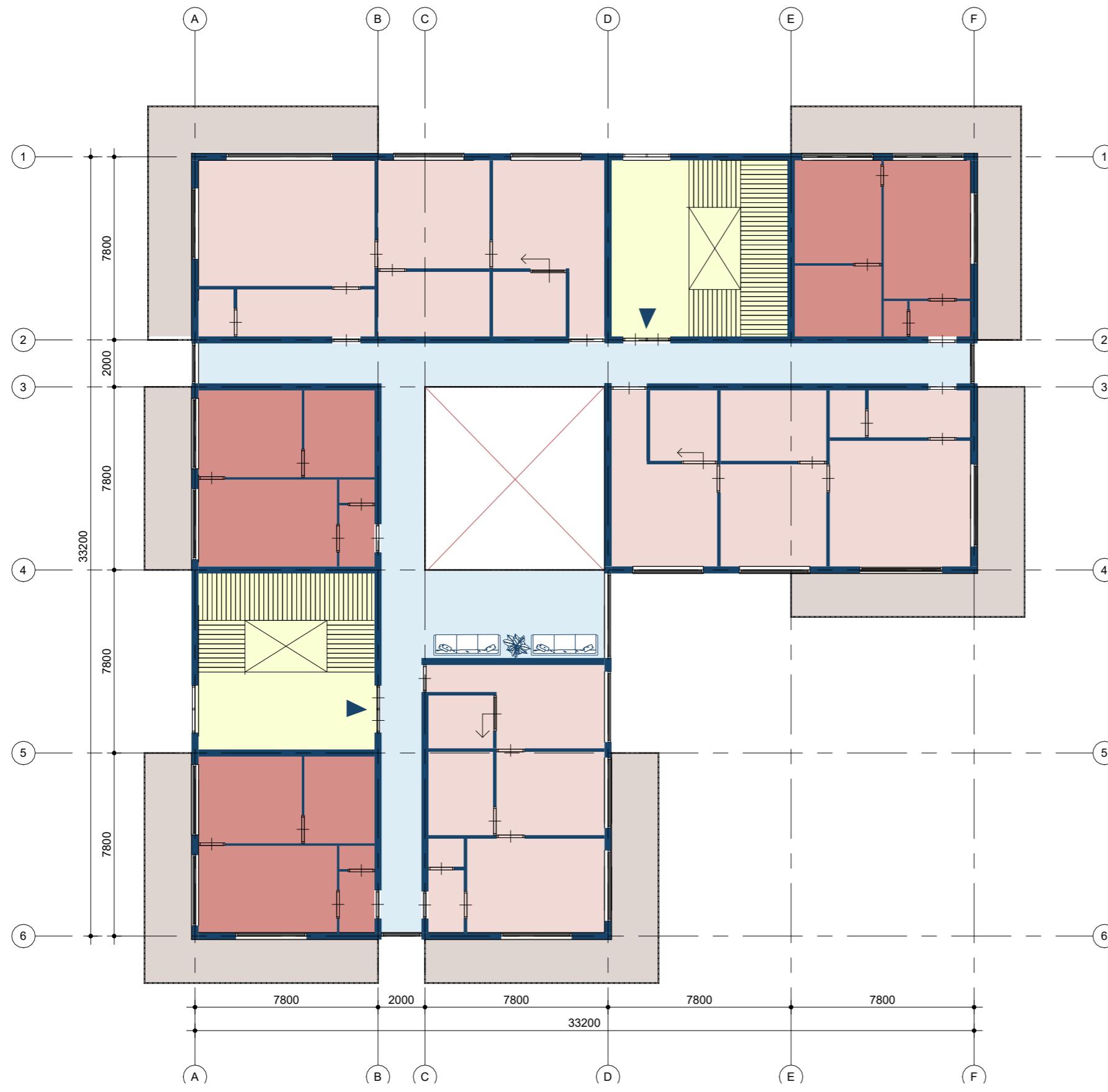
Axonometry 1:600

SECOND FLOOR 1:200



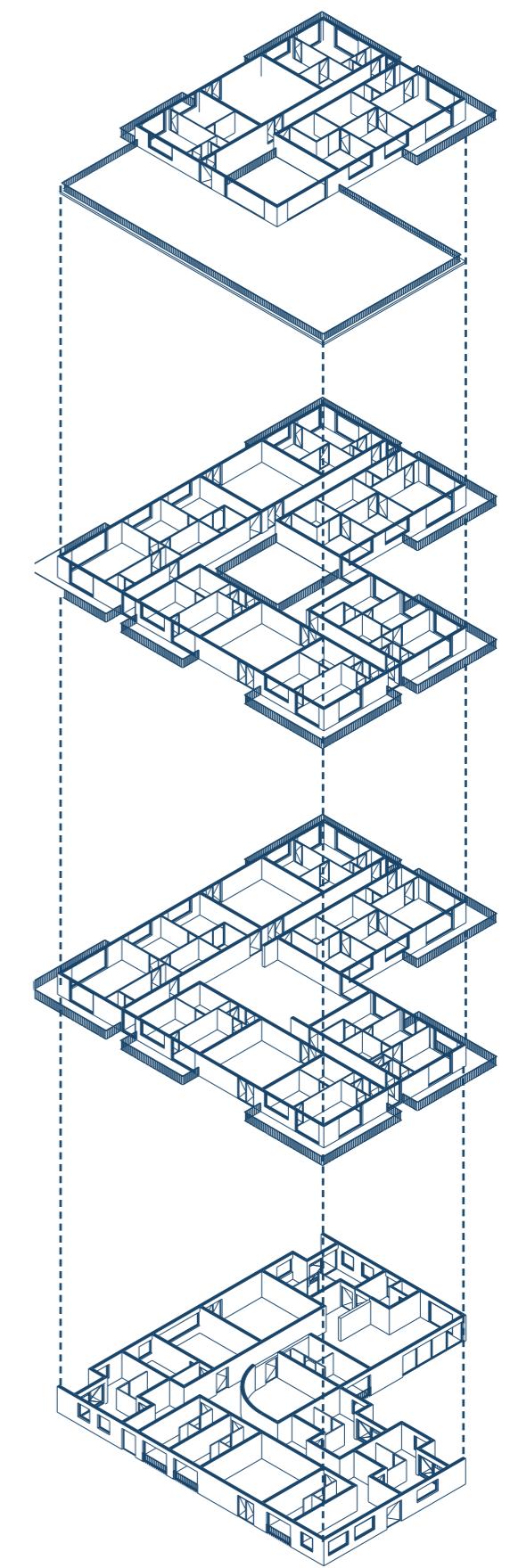
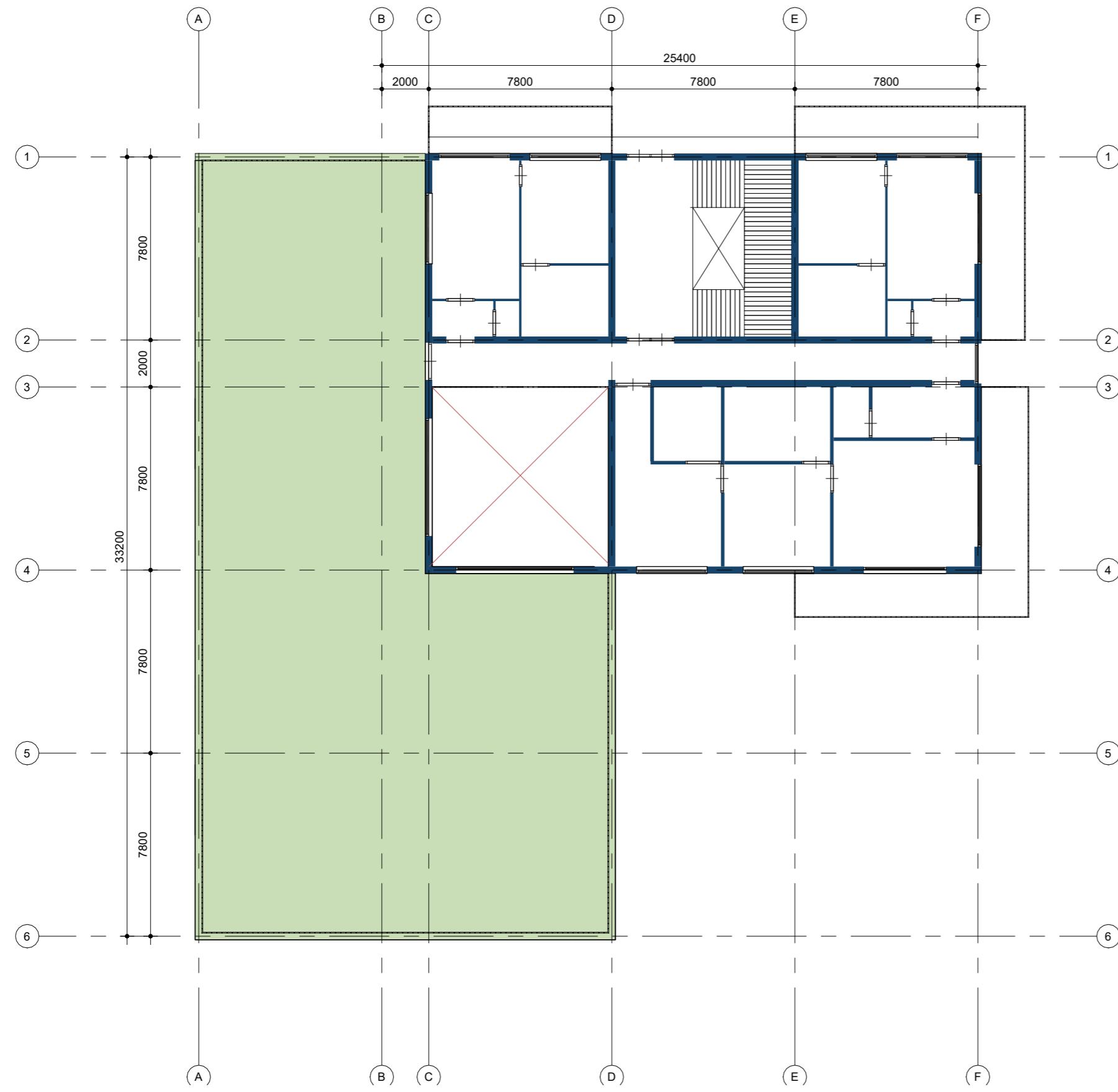
Axonometry 1:600

SECOND FLOOR 1:200



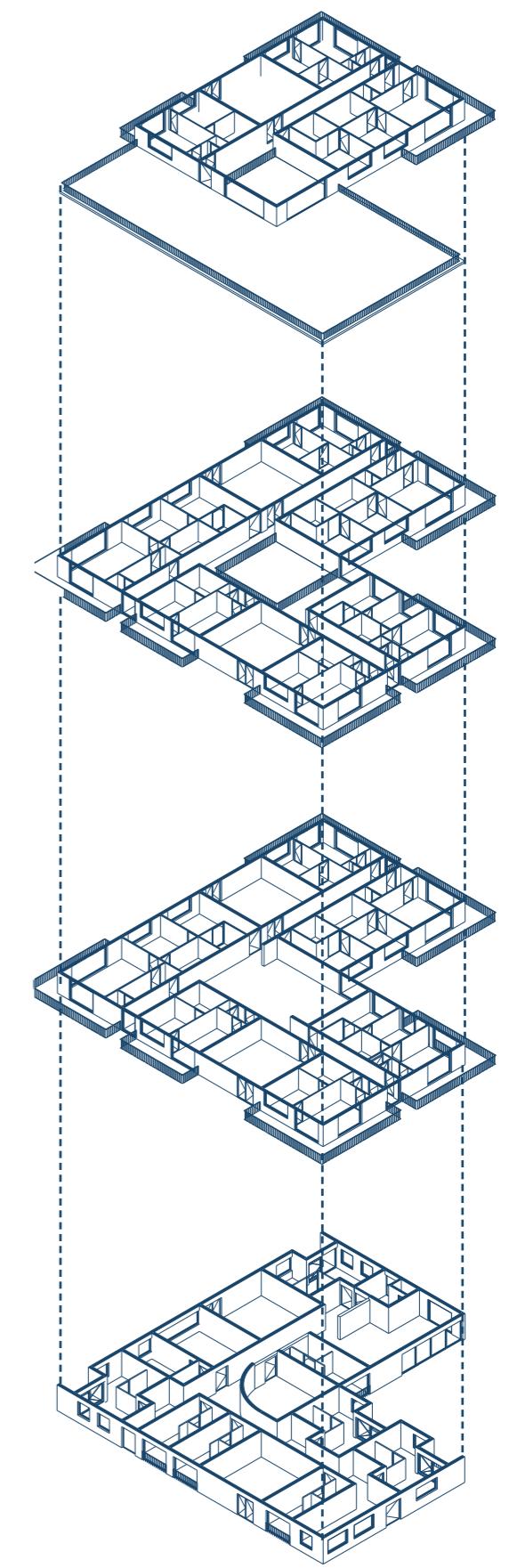
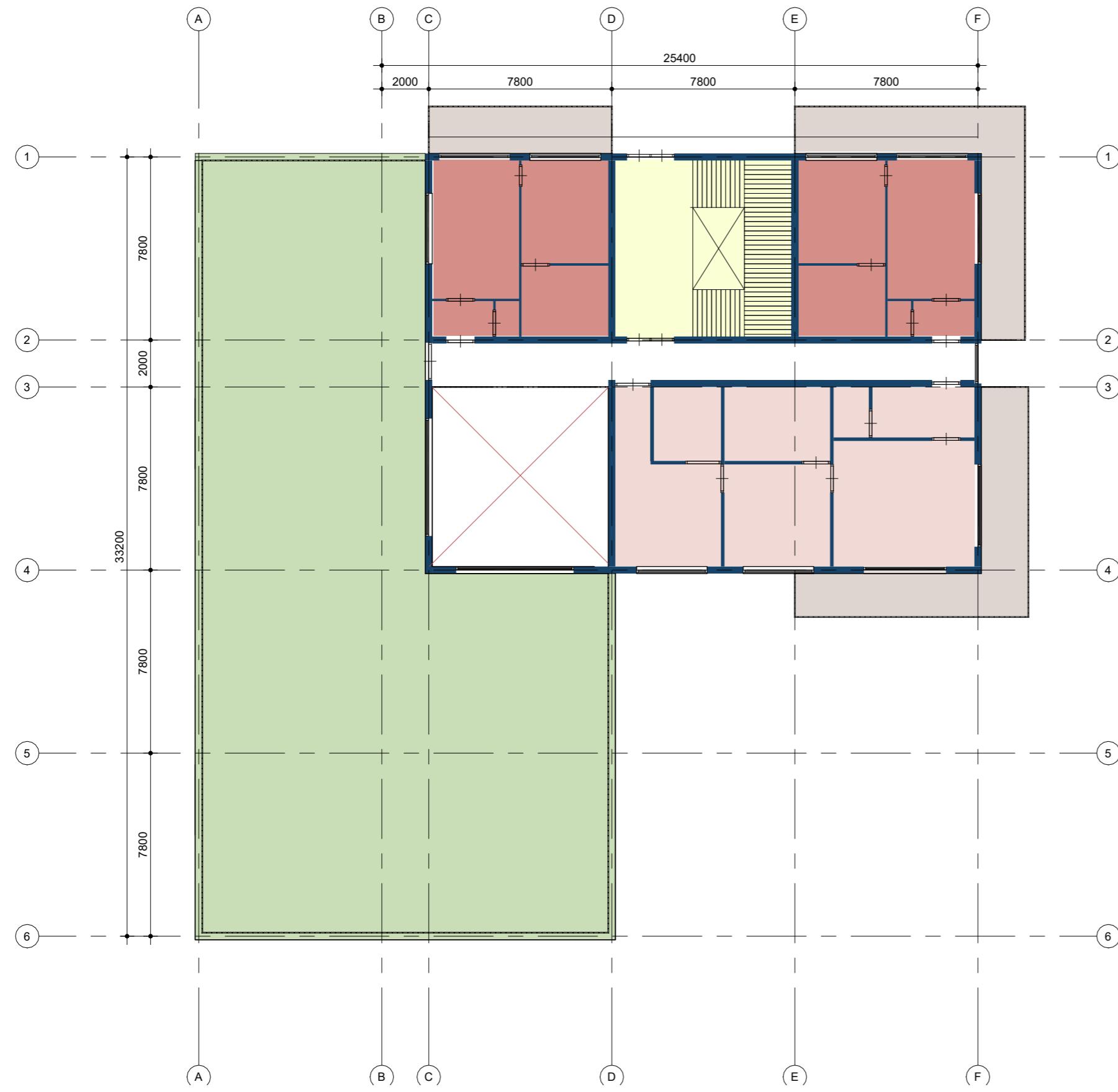
Axonometry 1:600

THIRD FLOOR 1:200



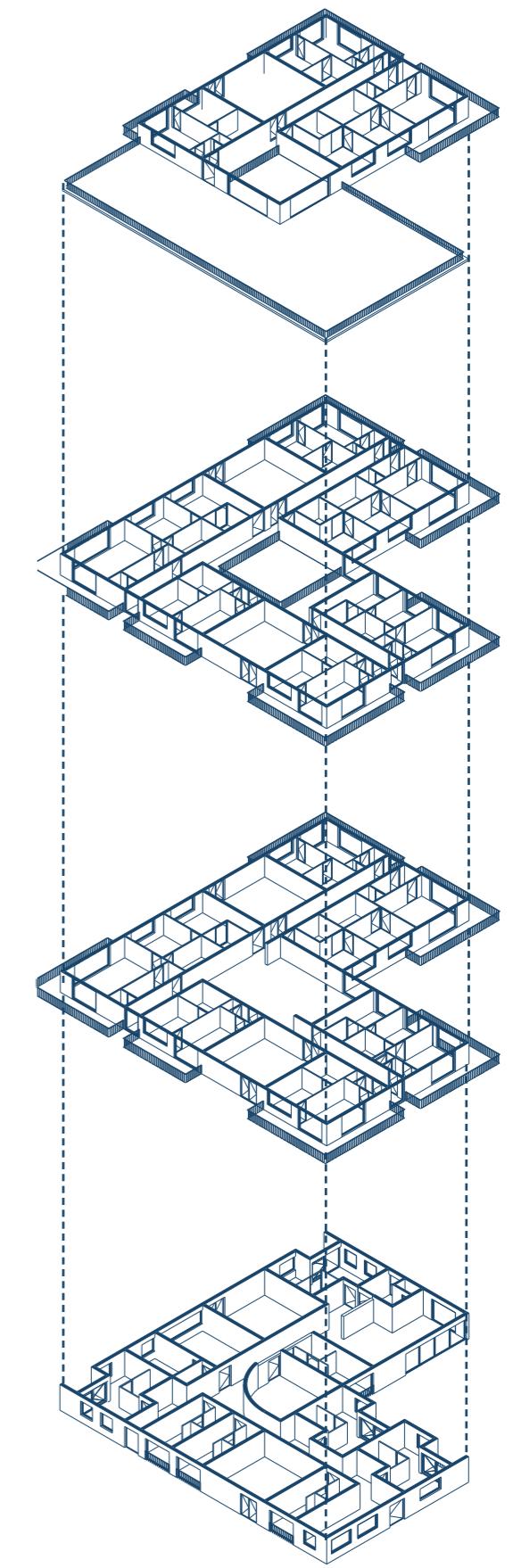
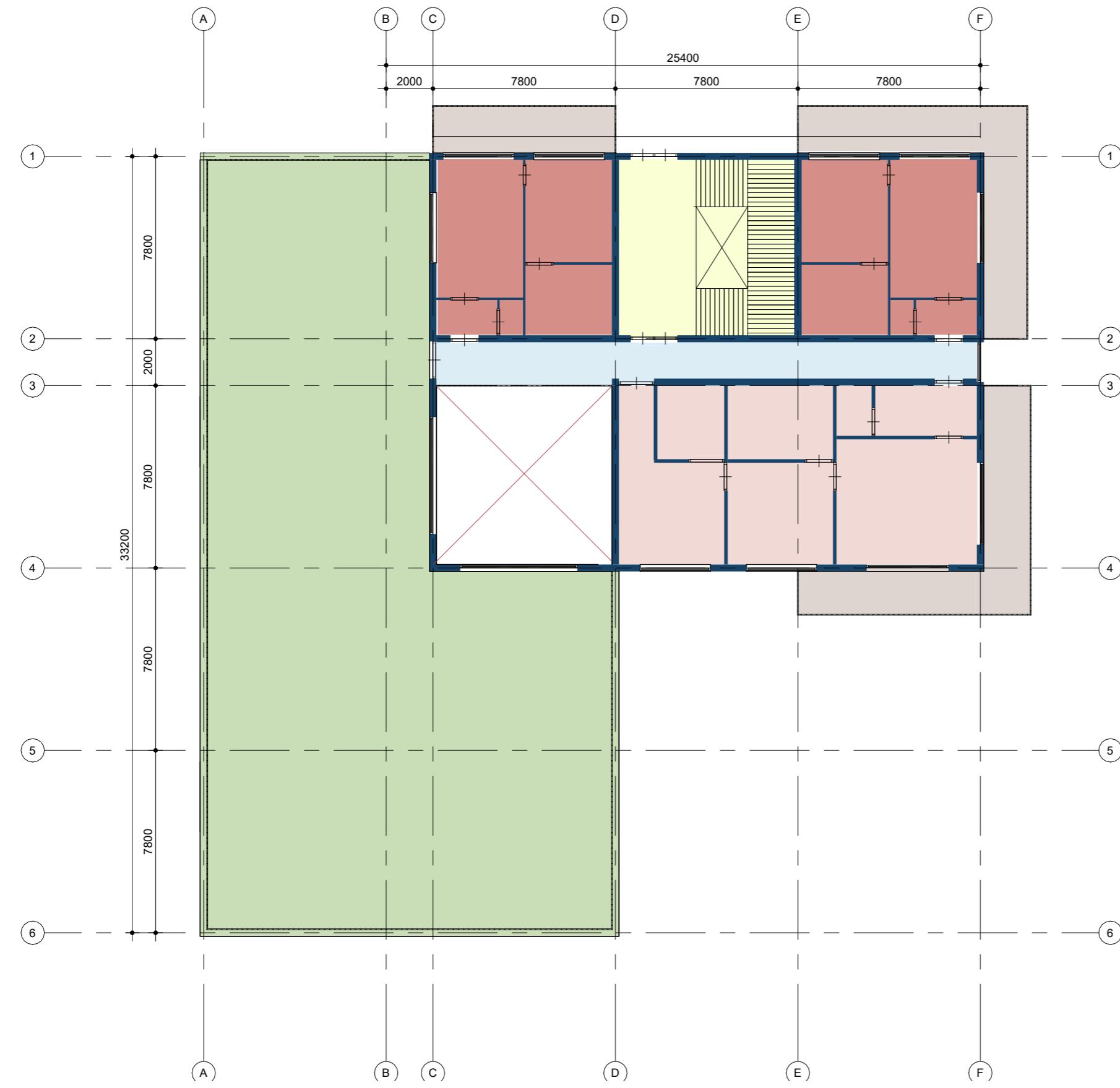
Axonometry 1:600

THIRD FLOOR 1:200



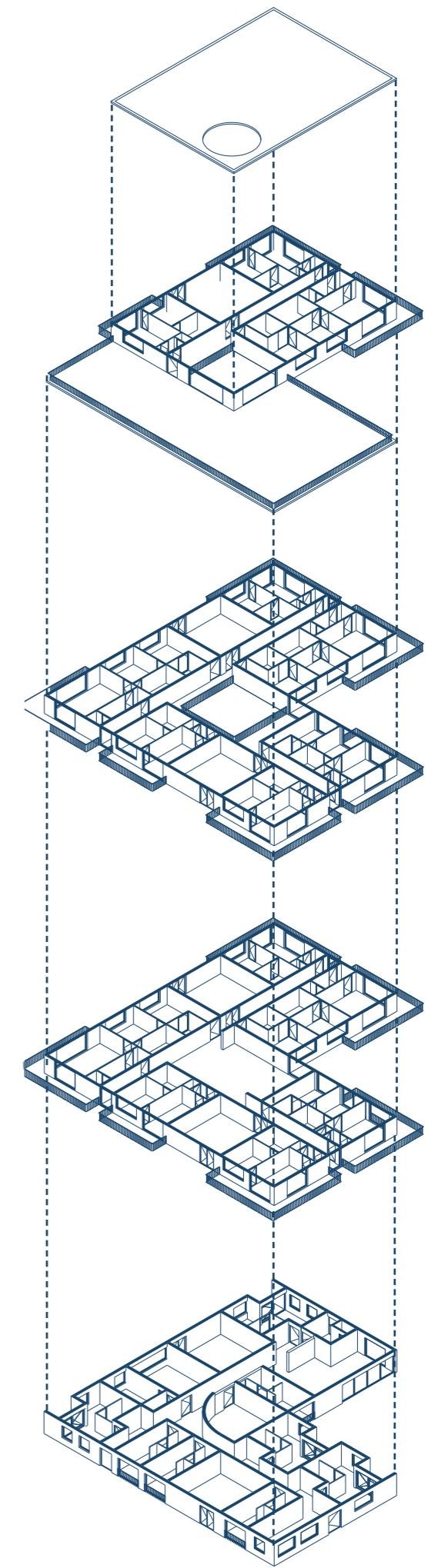
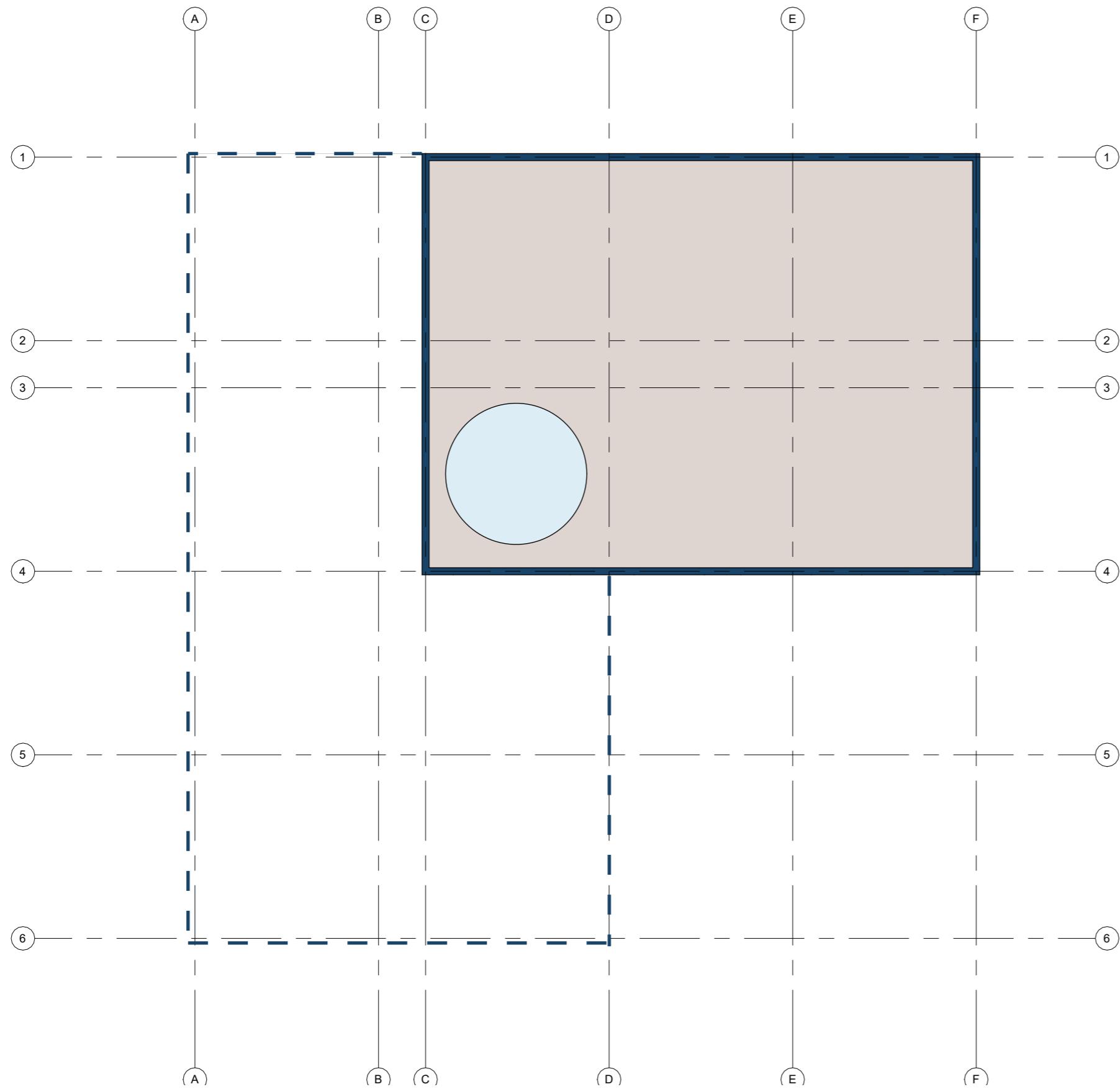
Axonometry 1:600

THIRD FLOOR 1:200



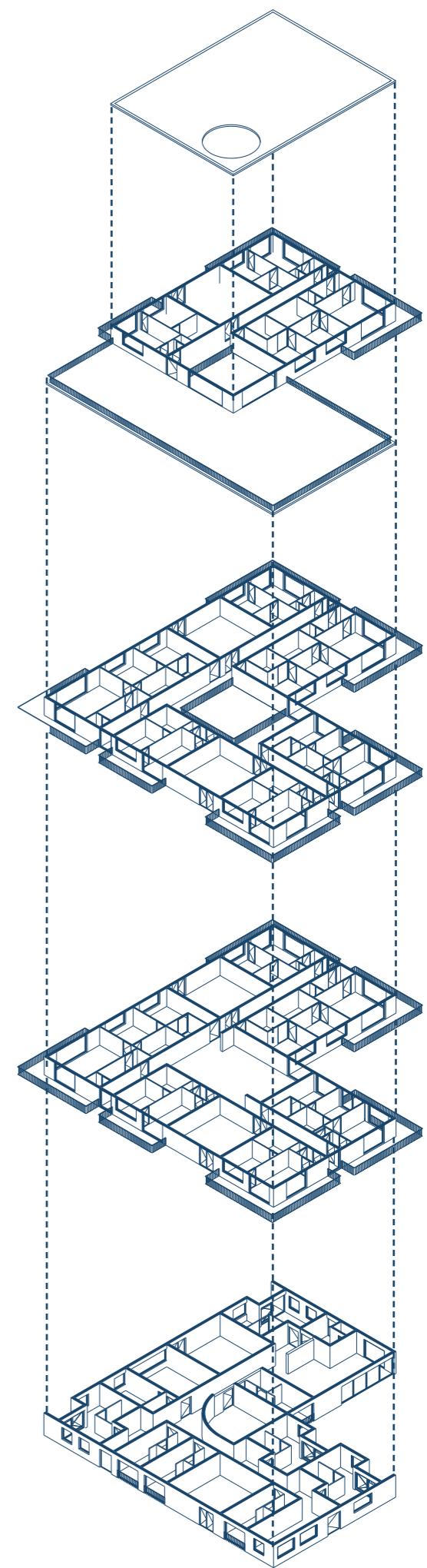
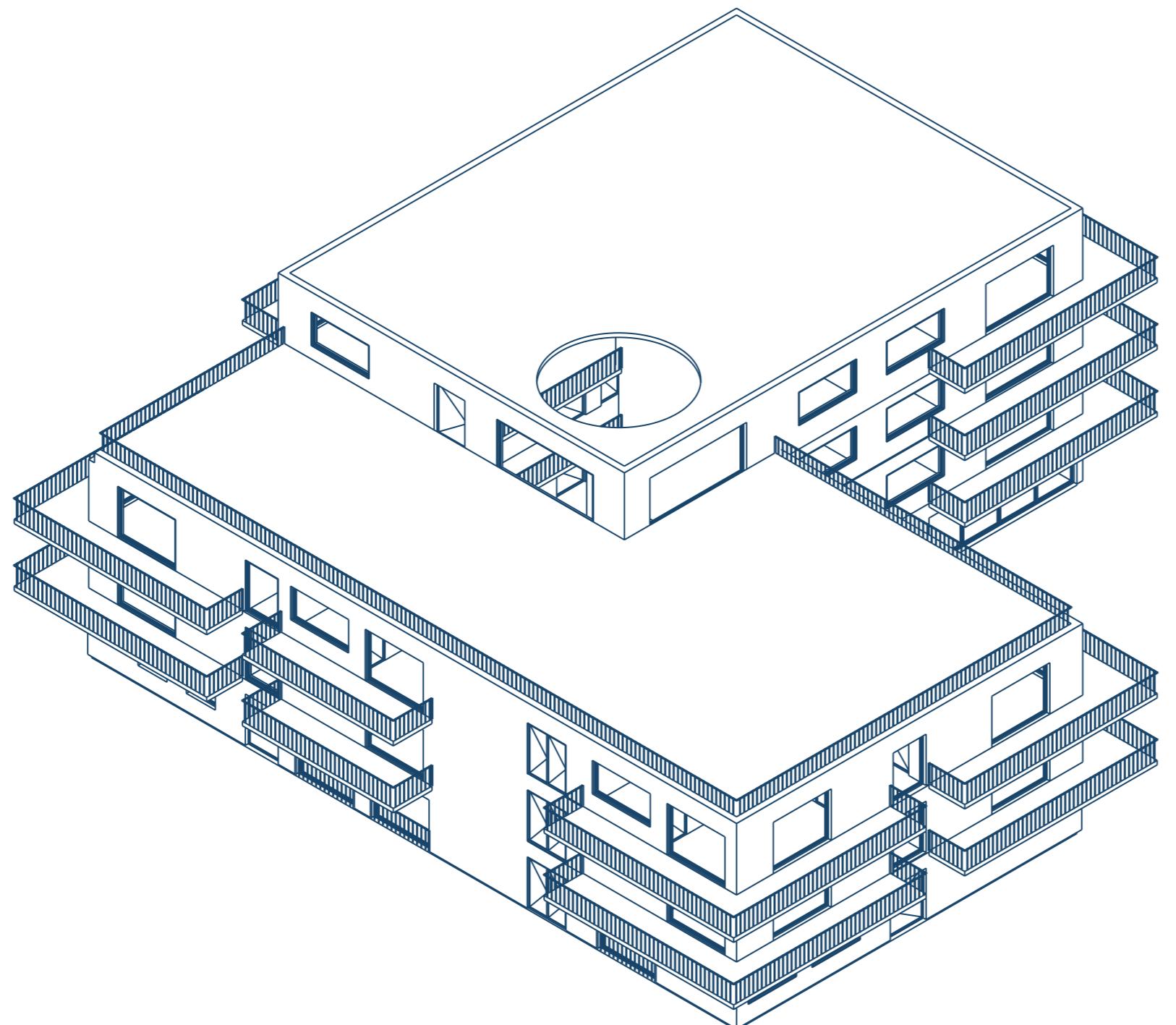
Axonometry 1:600

ROOF 1:200



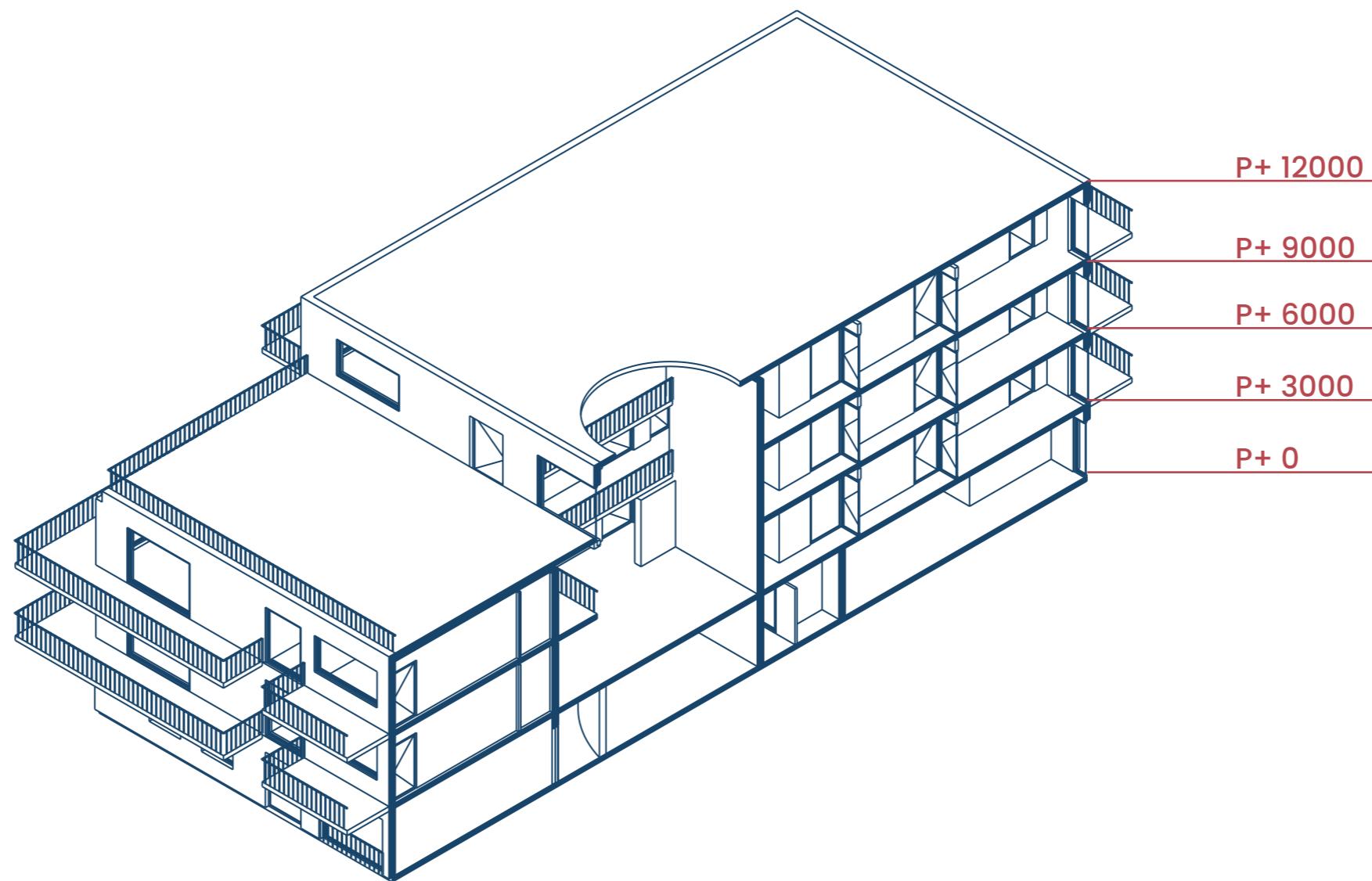
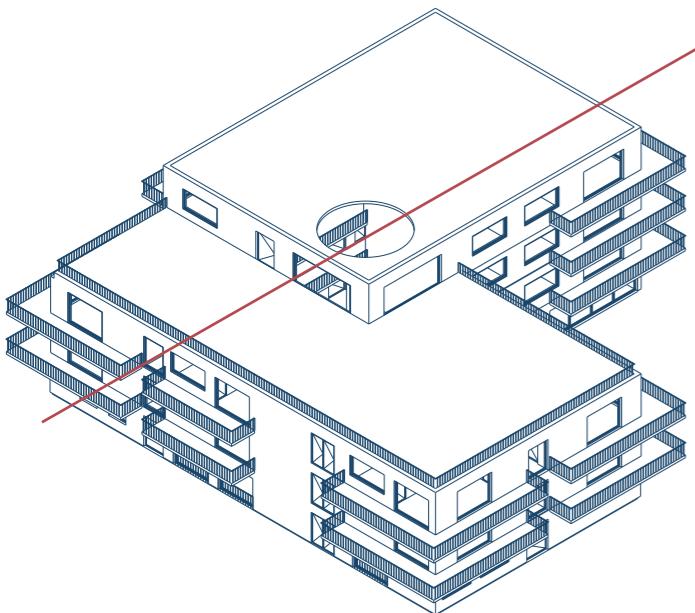
Axonometry 1:600

AXO 1:200

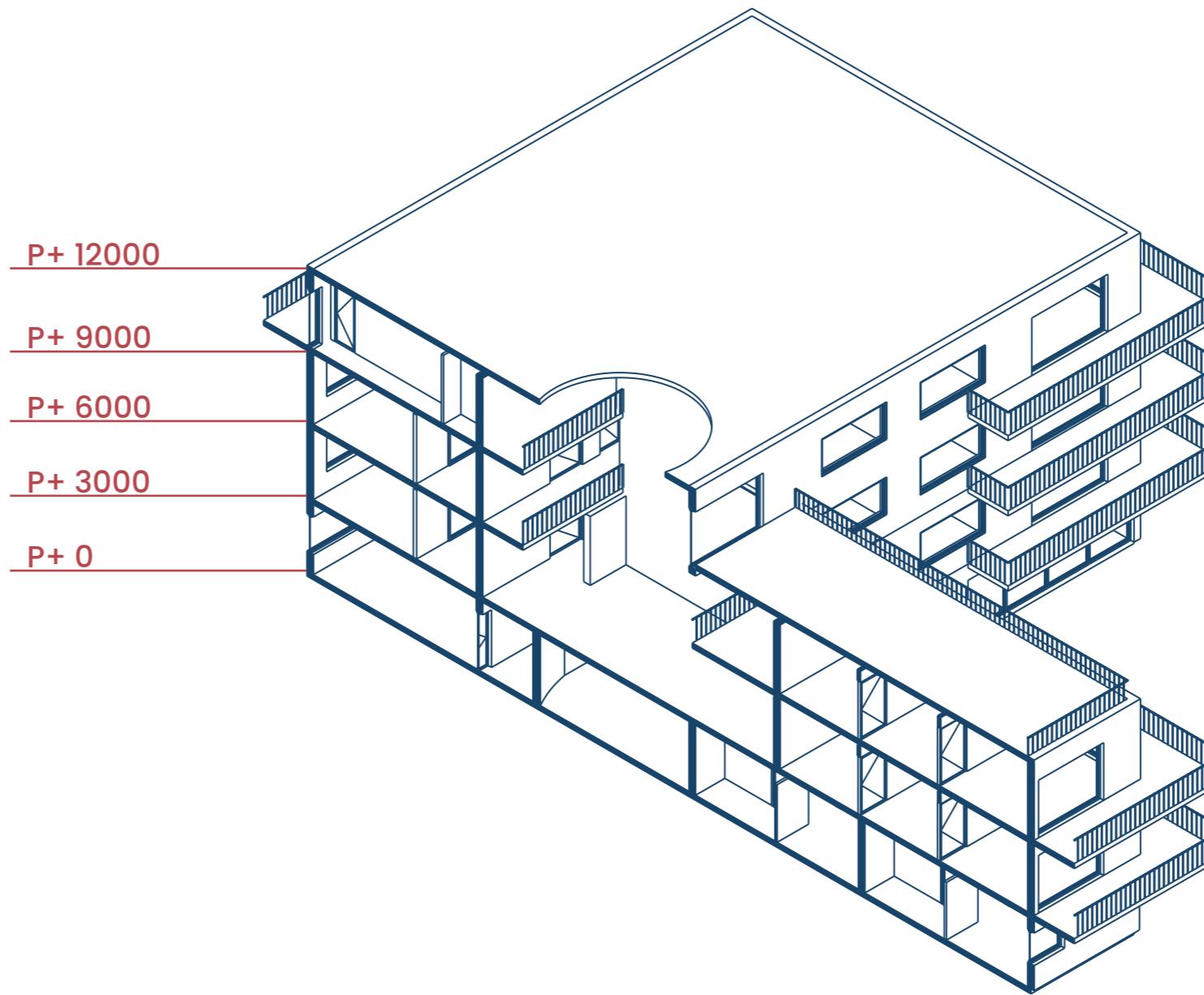
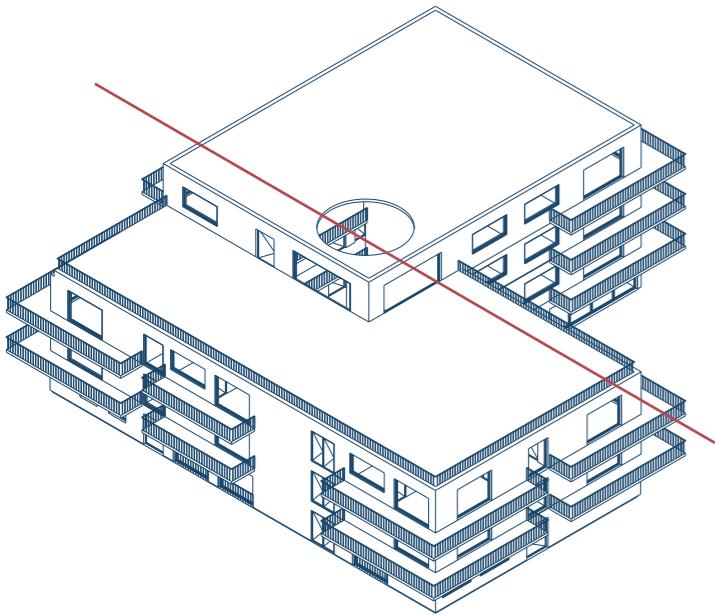


Axonometry 1:600

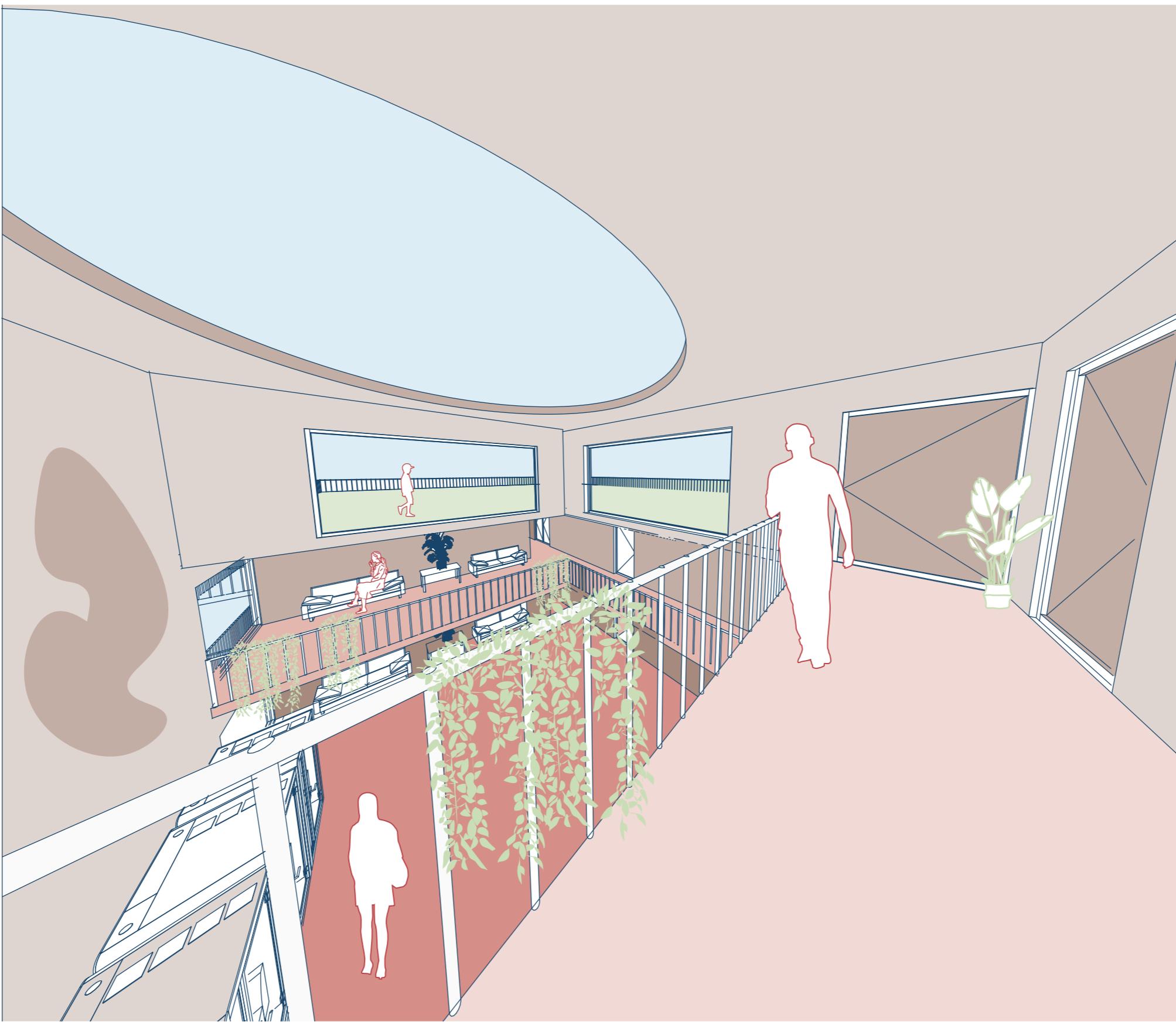
SECTION 1 - 1:200



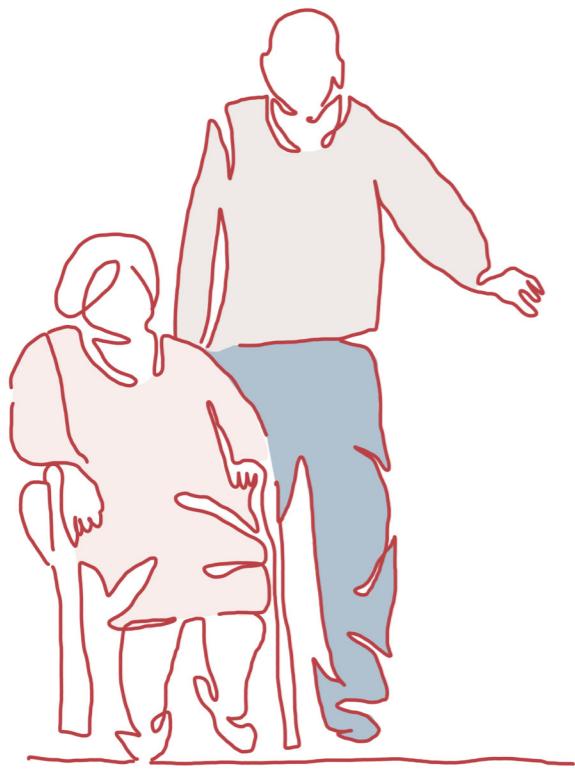
SECTION 1 - 1:200







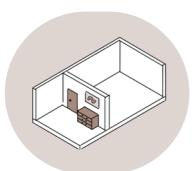
Married couple Bakker



Married couple Bakker



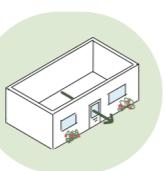
Design guidelines used:



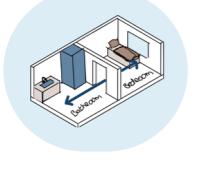
Recognition



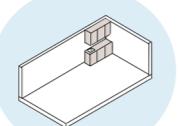
Living / sleeping zone



Own outdoor space

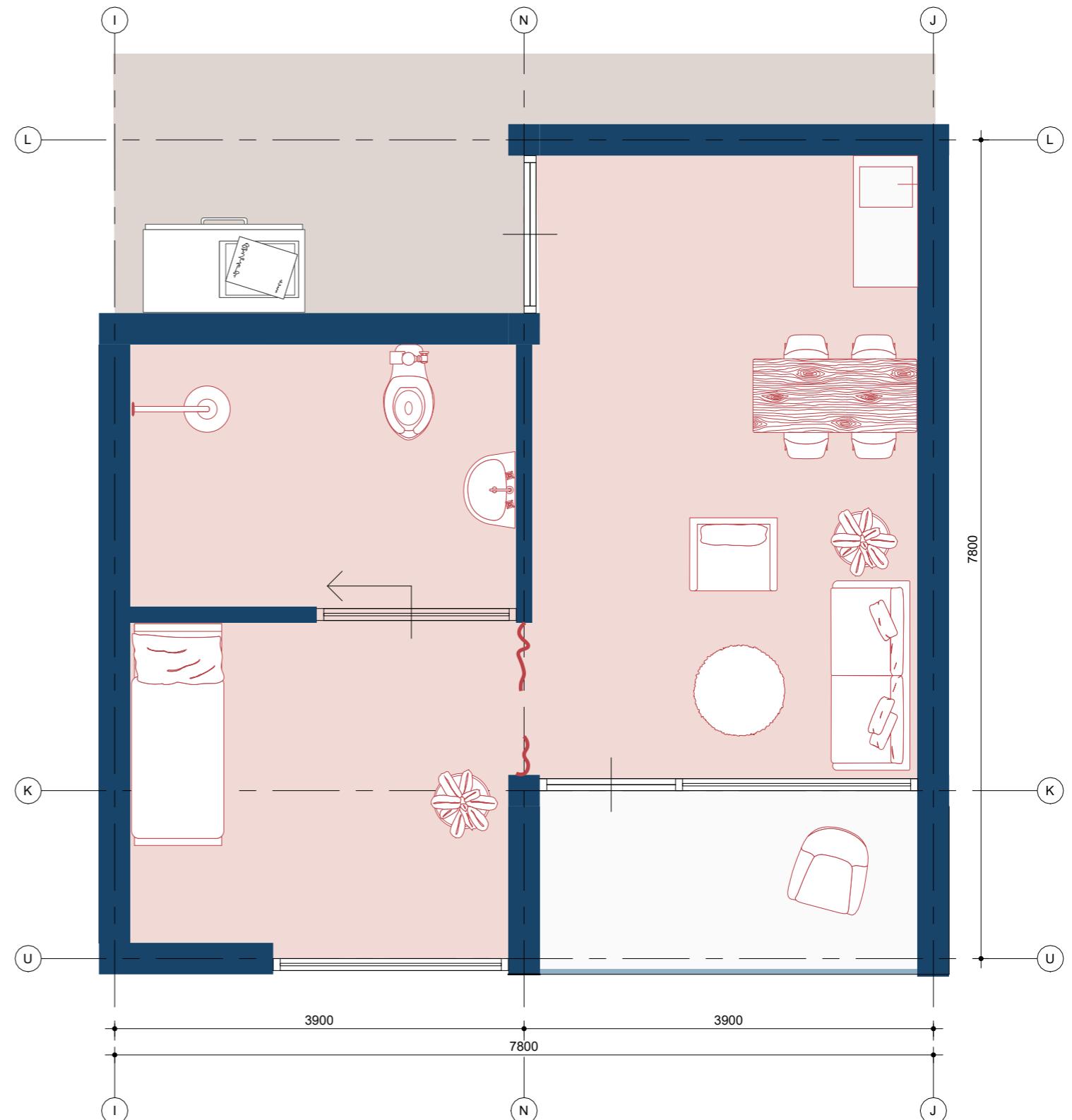


Private bathroom



Kitchenette

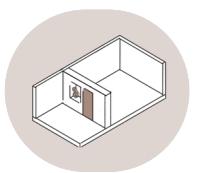
Option 1: room ca. 45m² - 1:50



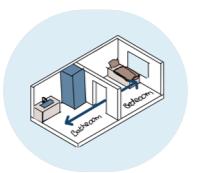
Married couple Bakker



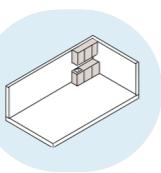
Design guidelines used:



Recognition

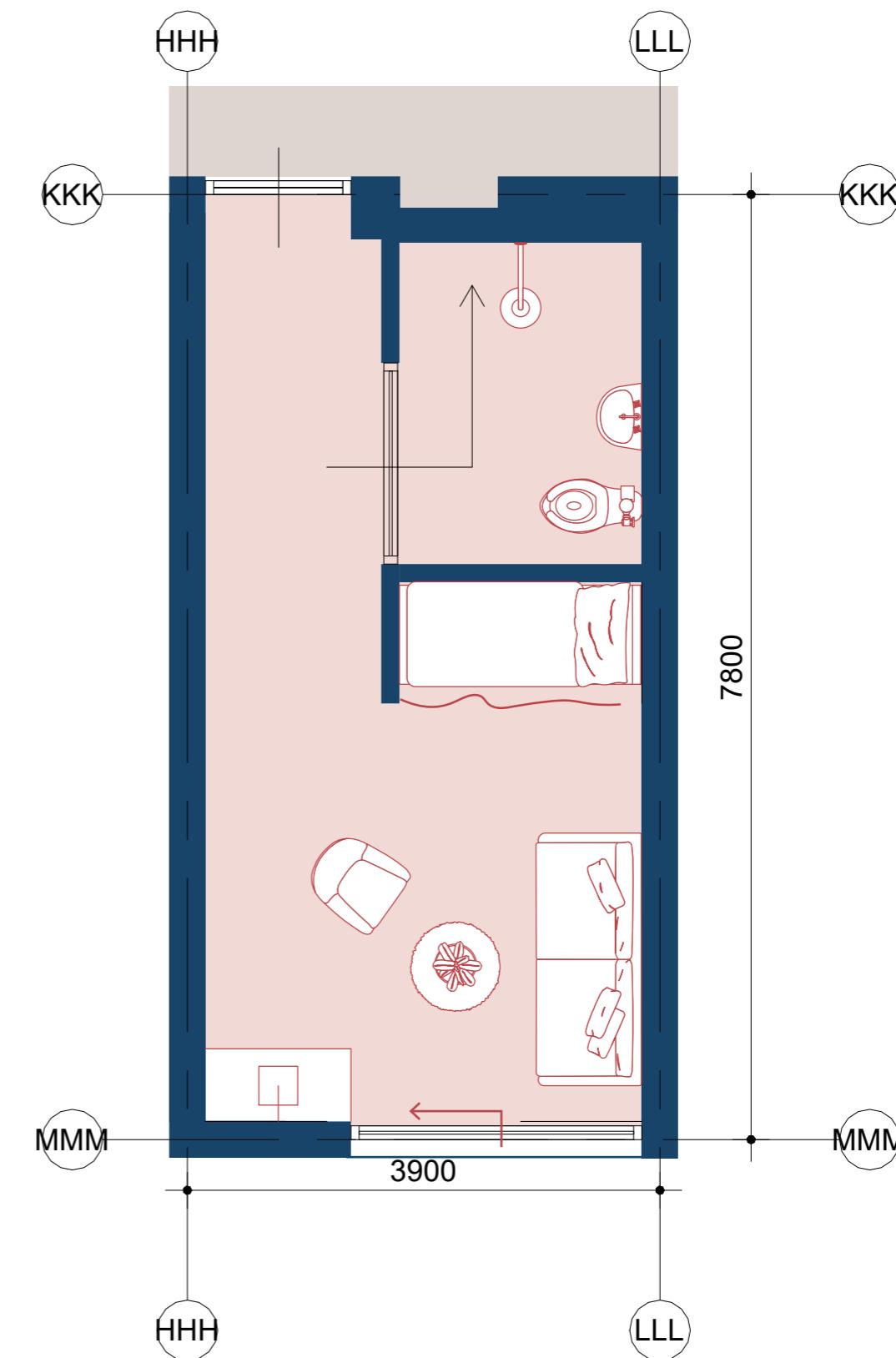


Private bathroom



Kitchenette

Option 2: room ca. 25m² - 1:50

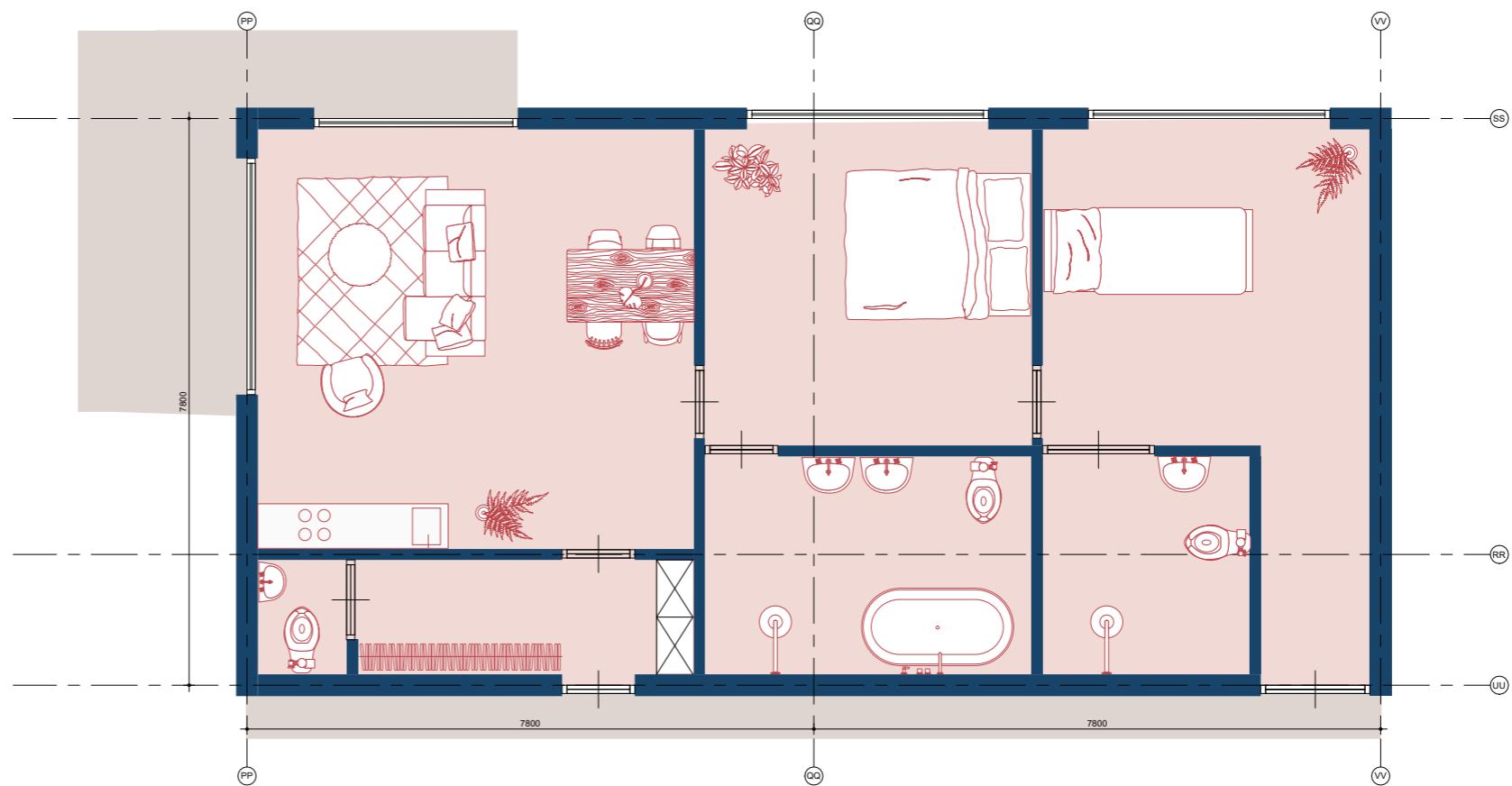


Married couple de Vries

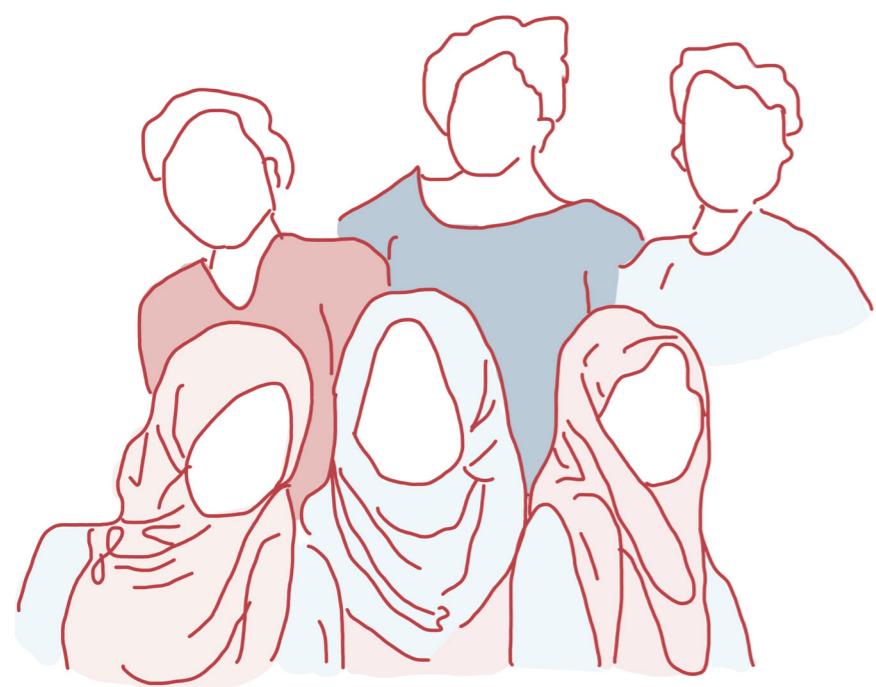




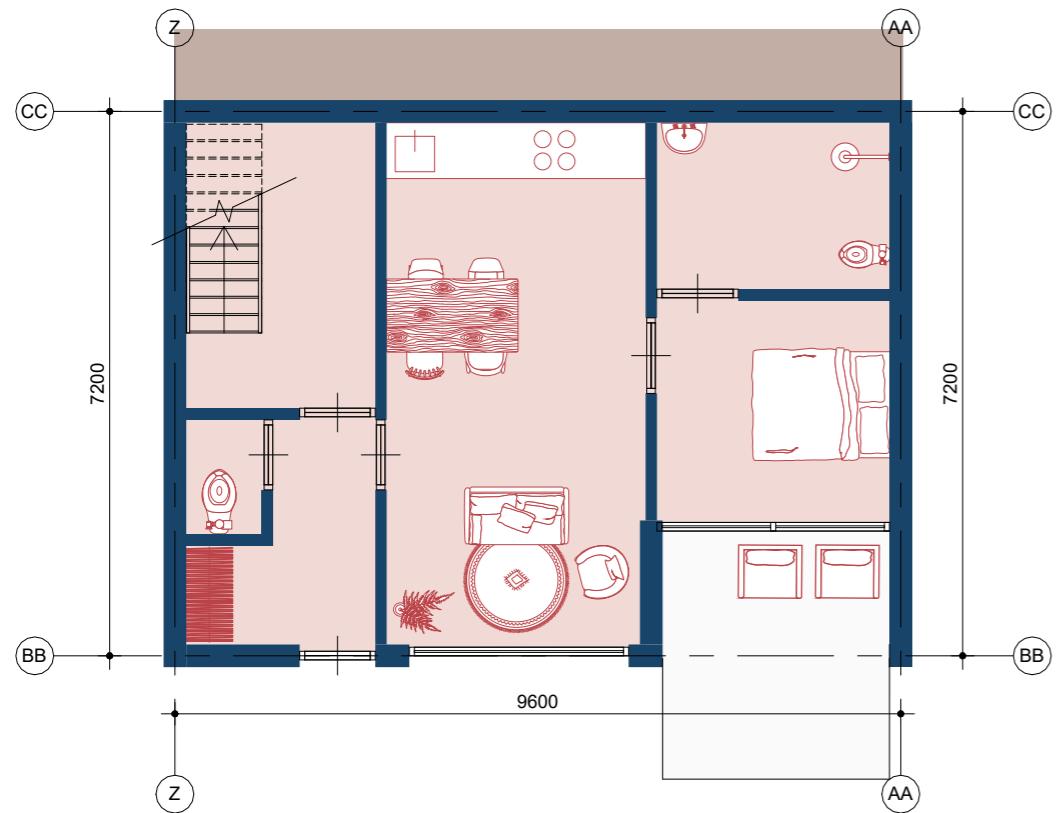
Assisted living ca. 100 m²



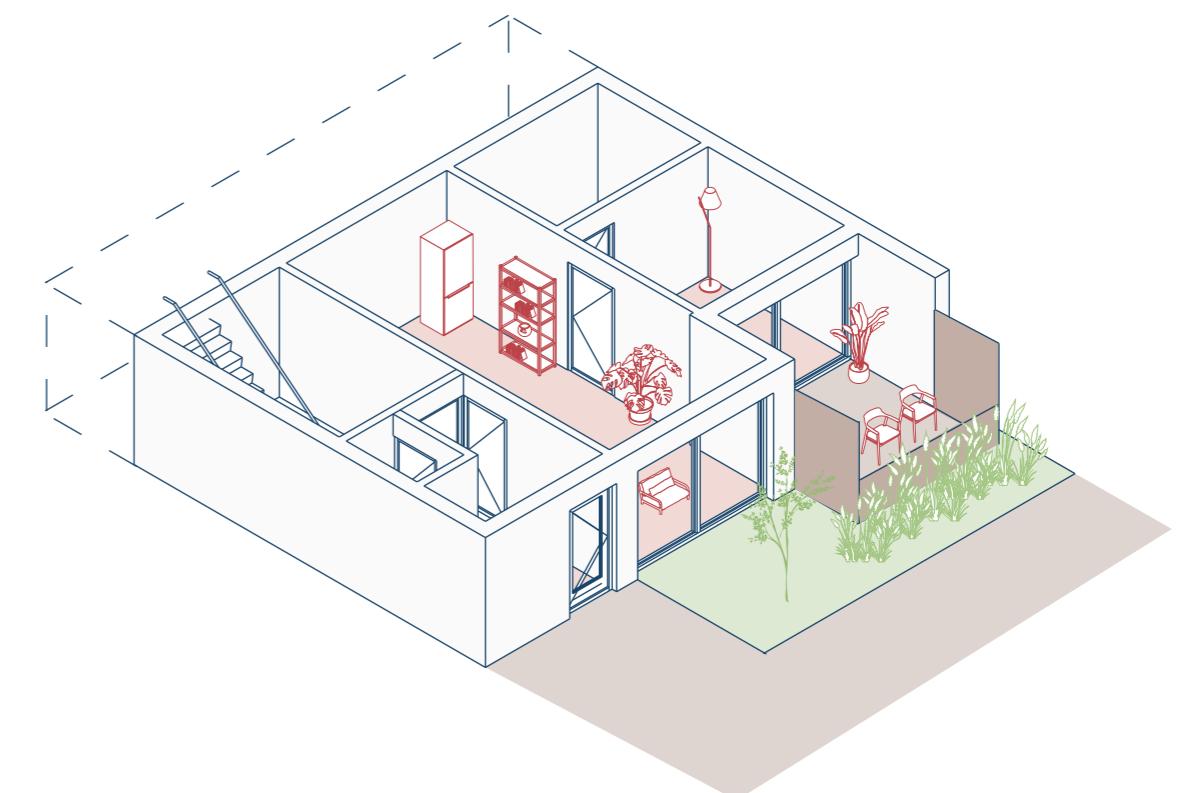
Family Yilmaz



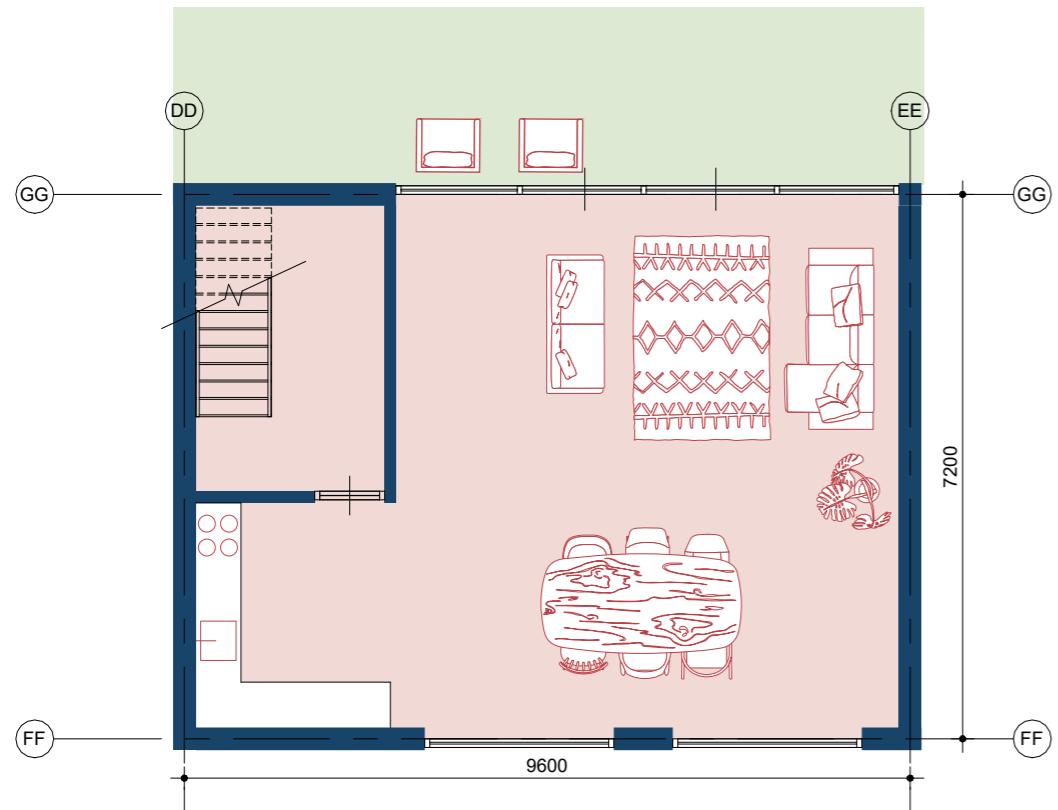




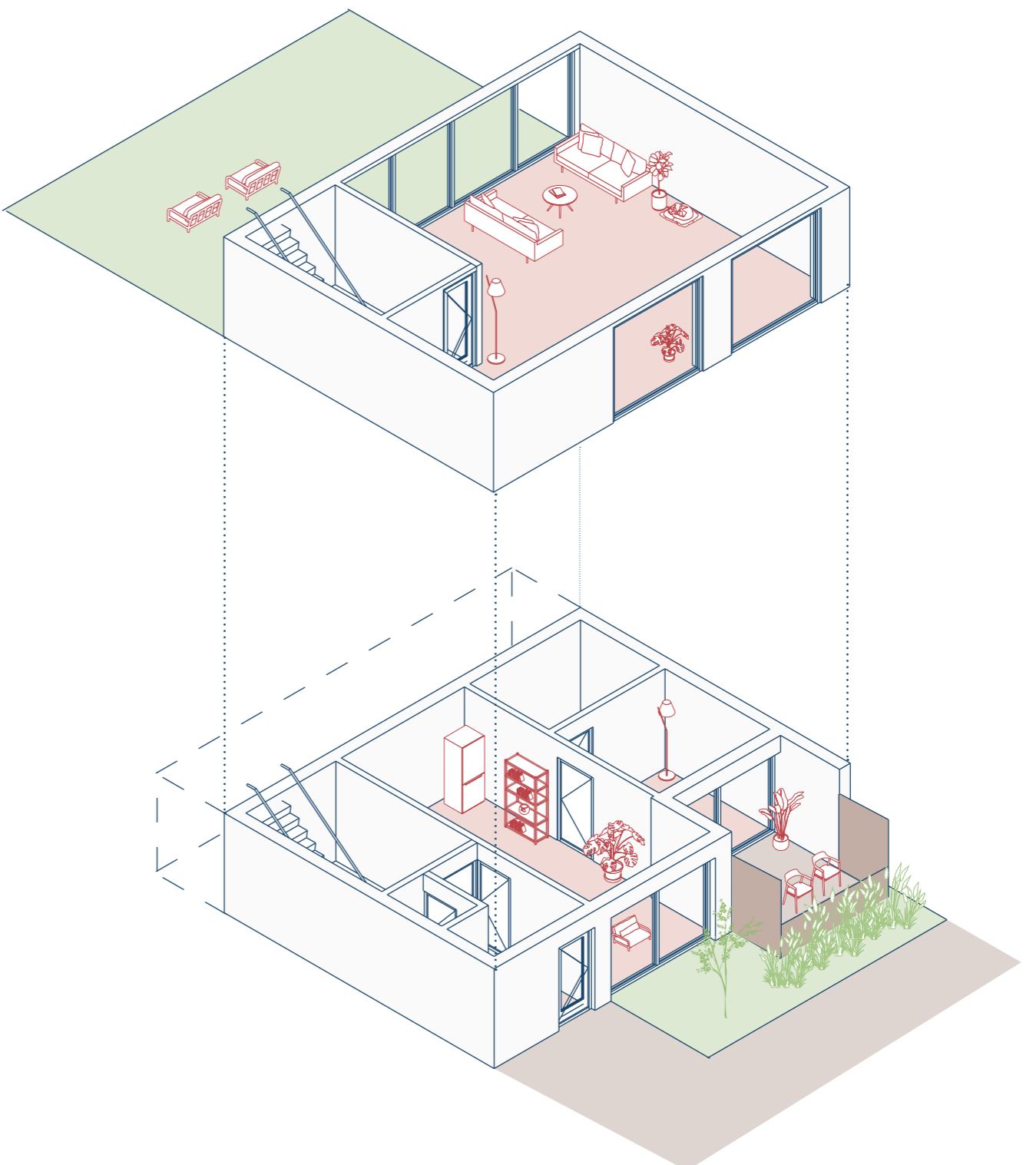
Ground floor (elderly parents unit) 1:100



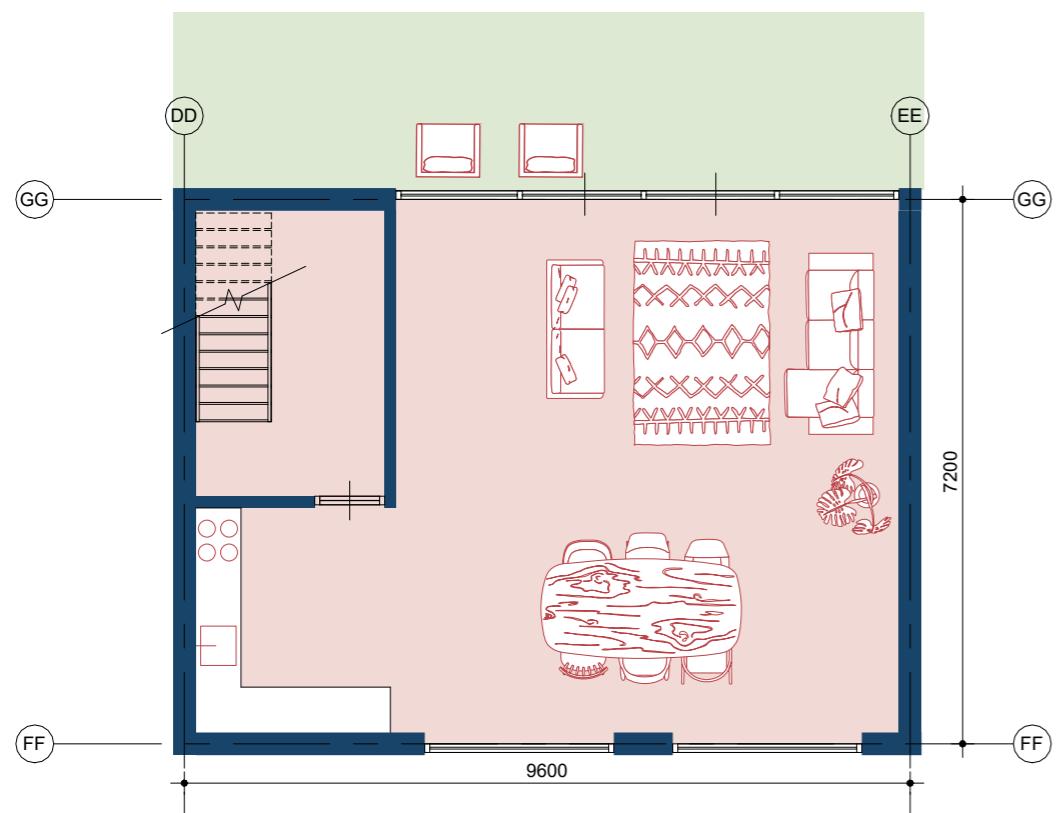
WAY OF LIVING



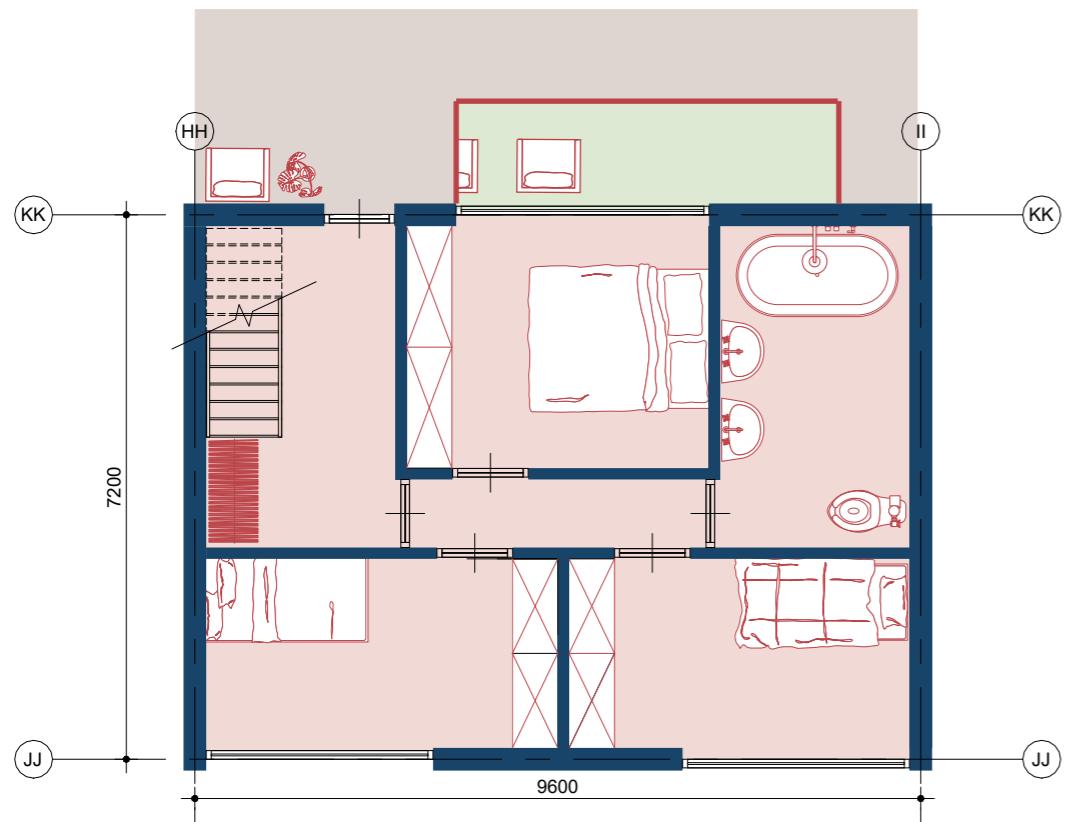
First floor (childrens unit) 1:100



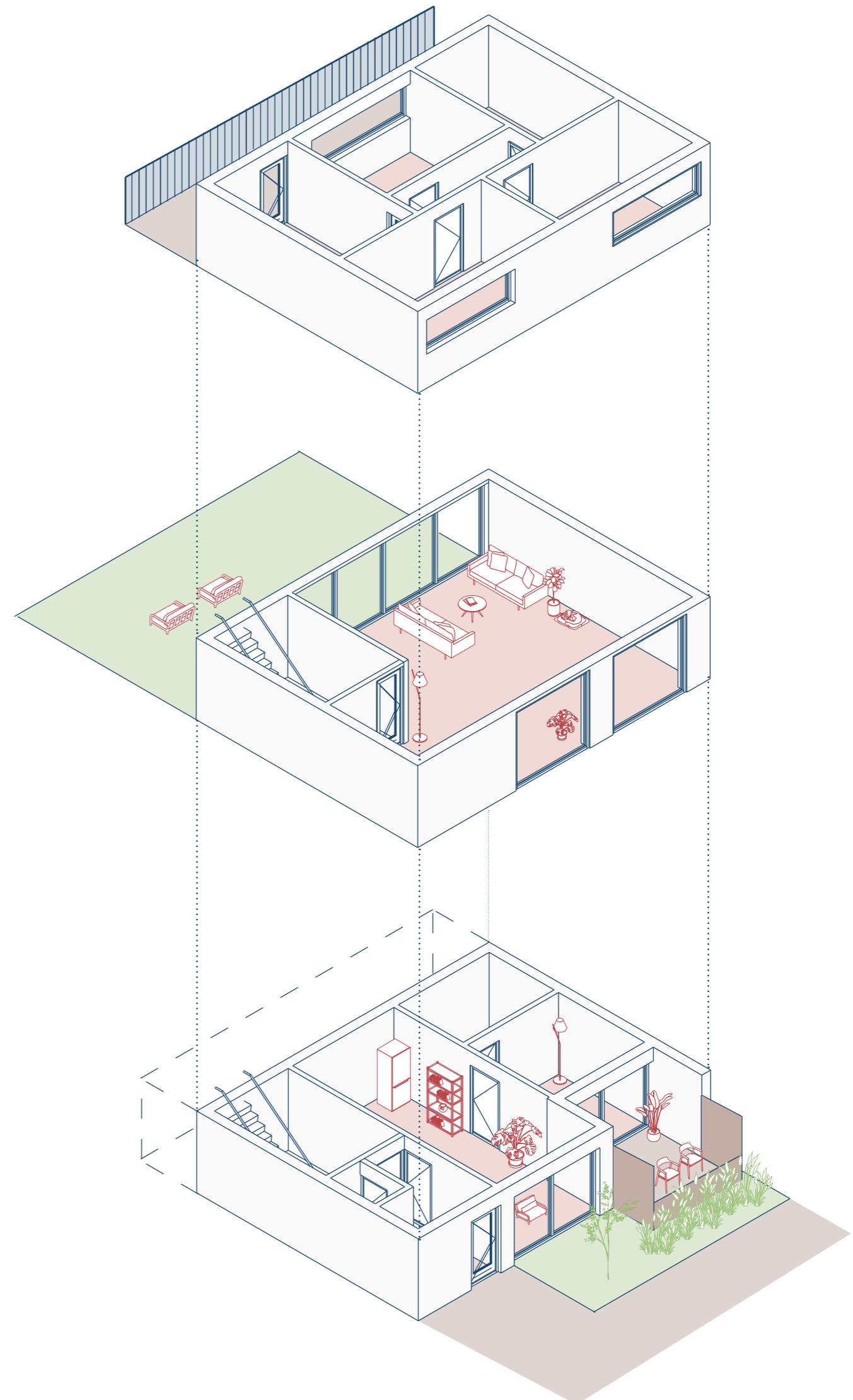
WAY OF LIVING



First floor (childrens unit) 1:100



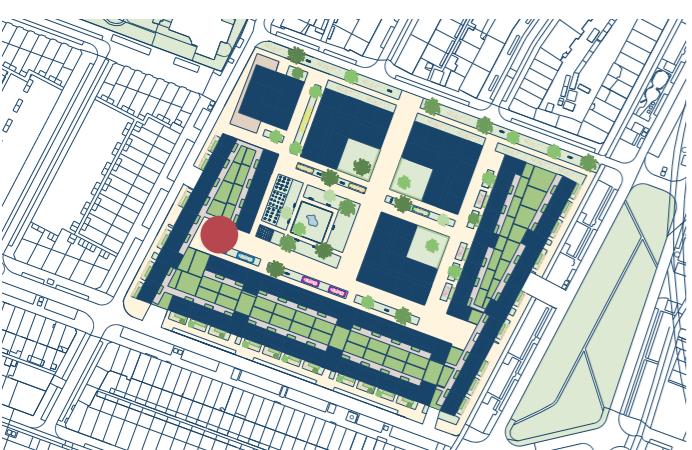
Second floor (childrens unit) 1:100

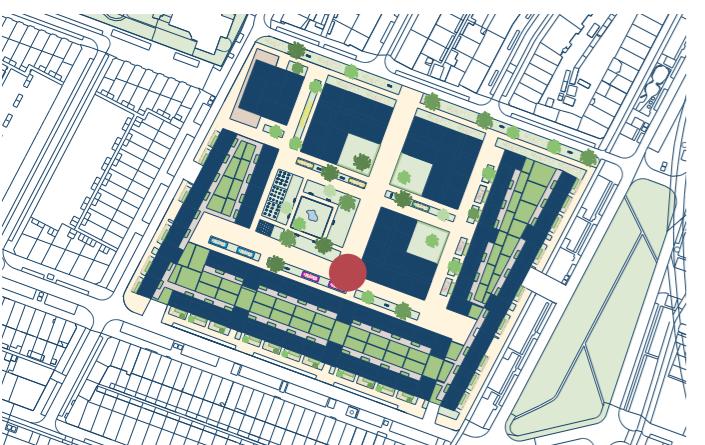


- * **Optimization of the dimensions**
- * **Start with the building construction + details**
- * **Develop the architecture of the buildings + tower**
- * **Integrate the design guidelines in the further design of the buildings**
- * **Consider every scale thoroughly (environment, building & room) while working on the design**









THANK YOU!

ARE THERE ANY QUESTIONS?