



'Gezinnen op straat'

Huisvesten van moderne gezinnen in Amsterdam

Introduction

Research

Location

Design

Het Parool HOME AMSTERDAM OPINIE STADSGIDS

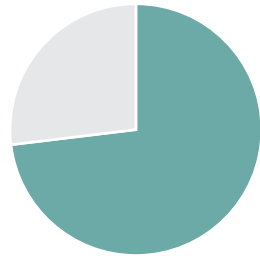
Gezinnen met jonge kinderen verlaten Amsterdam

15 juli 2017

de Volkskrant

Jong gezin verruilt stad vaker voor goedkopere randgemeente - vooral Amsterdammers trekken weg

7 november 2017



- **73%** of all families in Amsterdam are **unhappy** with their **current living conditions** and want to **move**.

- **73%** of these families with a wish to move want to **stay** in Amsterdam.

Reasons for leaving the city

Small dwellings

High costs

No or limited outdoor spaces

Heavy traffic

Lack of safety

Reasons for staying in the city

Functional connections

Social connections

Symbolic connections

Reasons for fostering families in the city

City economy

Use of facilities | Job creation

Social security

Close social networks | Often at home and in the city | Care for the city

Target Group

Contemporary families

Introduction



Traditional family



Single parent family



35% of all families in Amsterdam is a **single parent family**



Single parent family

Introduction



Co-parent family



Patchwork family

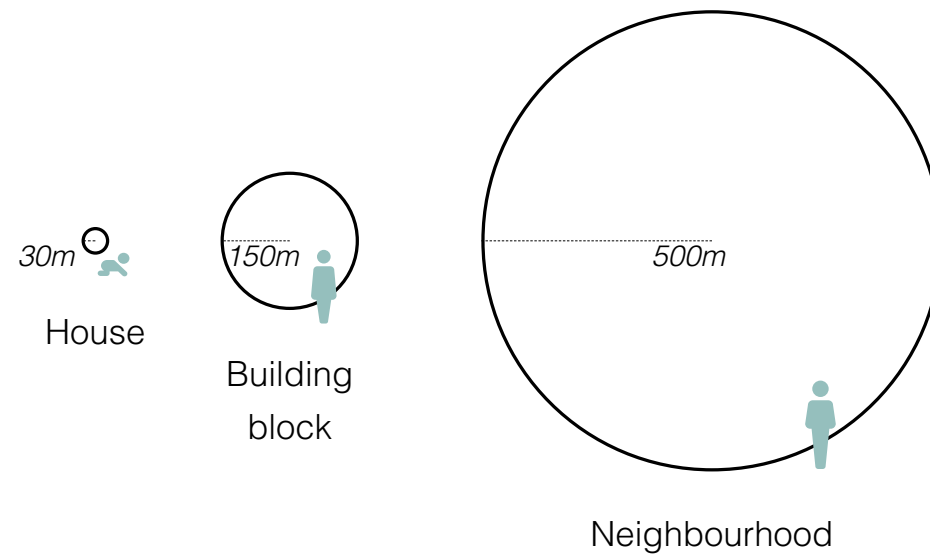
Research

Wishes and needs



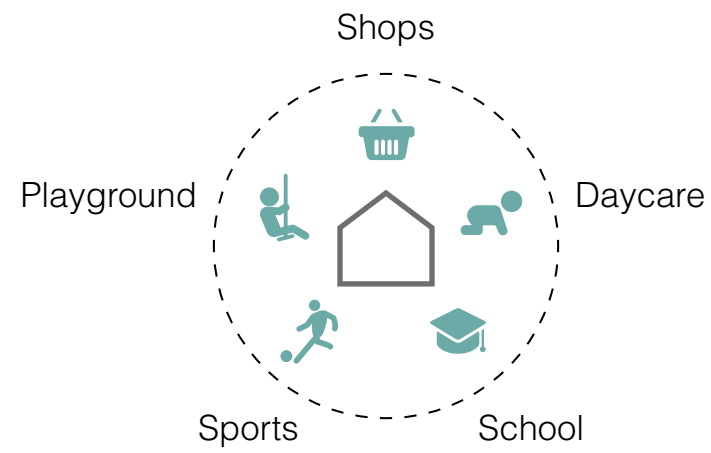
Design starting points

Wishes and needs



Neighbourhood

Facilities



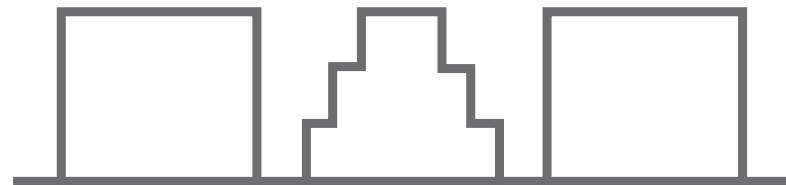
Neighbourhood

Sheltered environment



Neighbourhood / Building block

Identity



Wayfinding

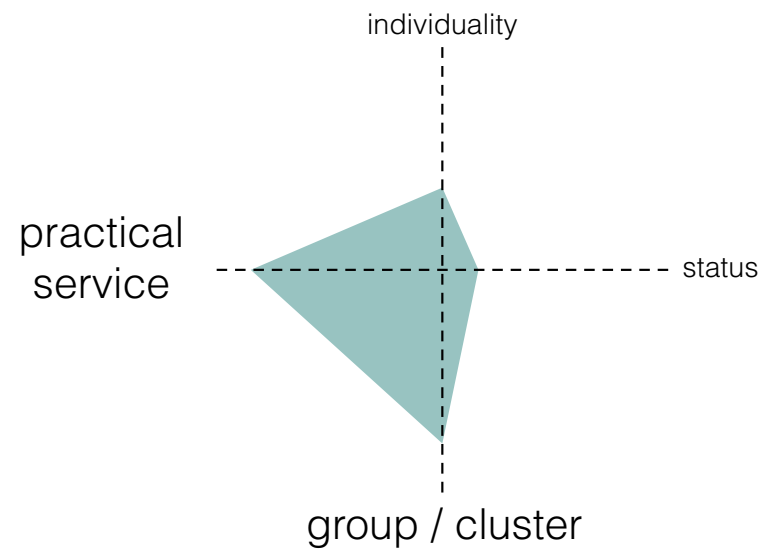
Building block

Other families
Ground for playing



Research

Building block

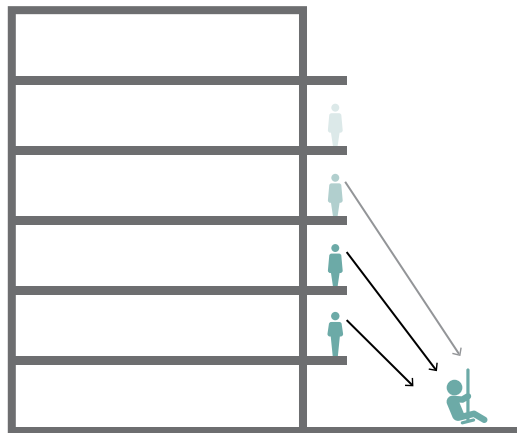


Single parent family

Needs of a single parent family (data source: Kummeling, (2011))

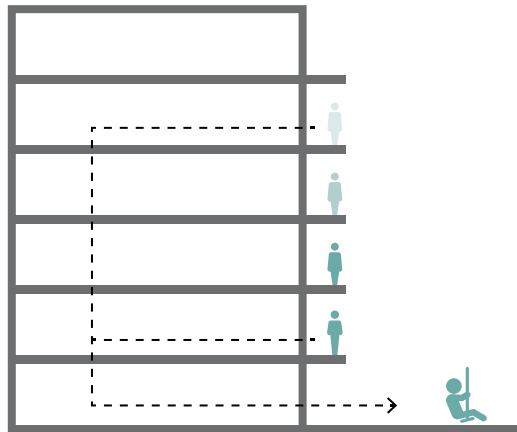
Building block

Supervision and distance



Building block

Supervision and distance



Research

House

Adaptability

Research

House

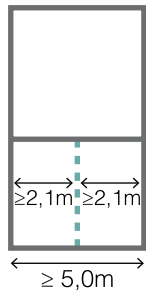
Adaptability



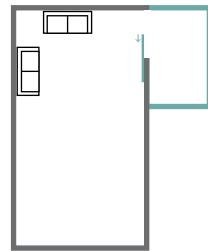
Co-parent & Patchwork
family

House

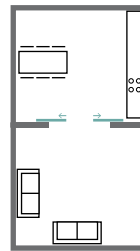
Adaptability



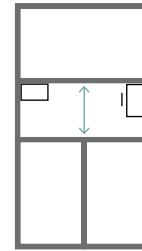
Rooms that can be split



Multifunctional annex room



Seperate kitchen & living area



Large hallway

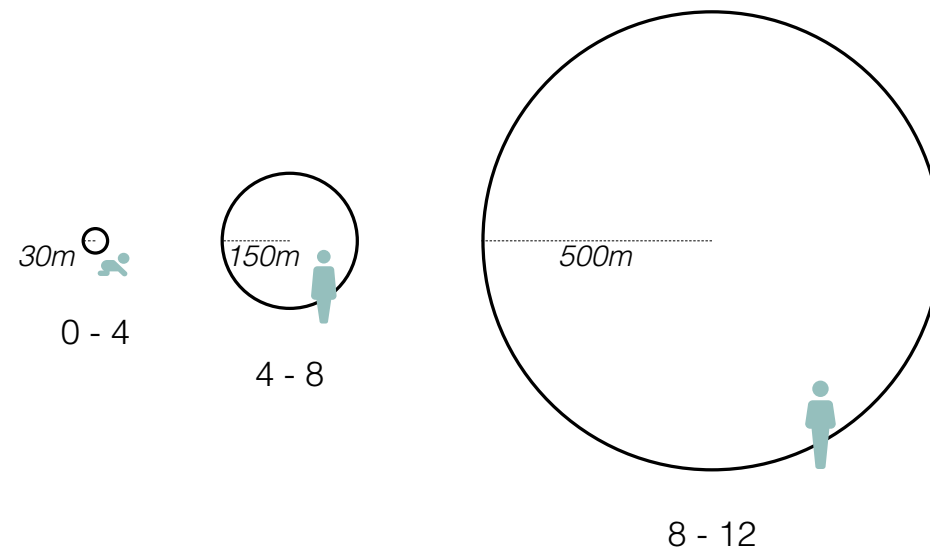


Many small rooms

Research

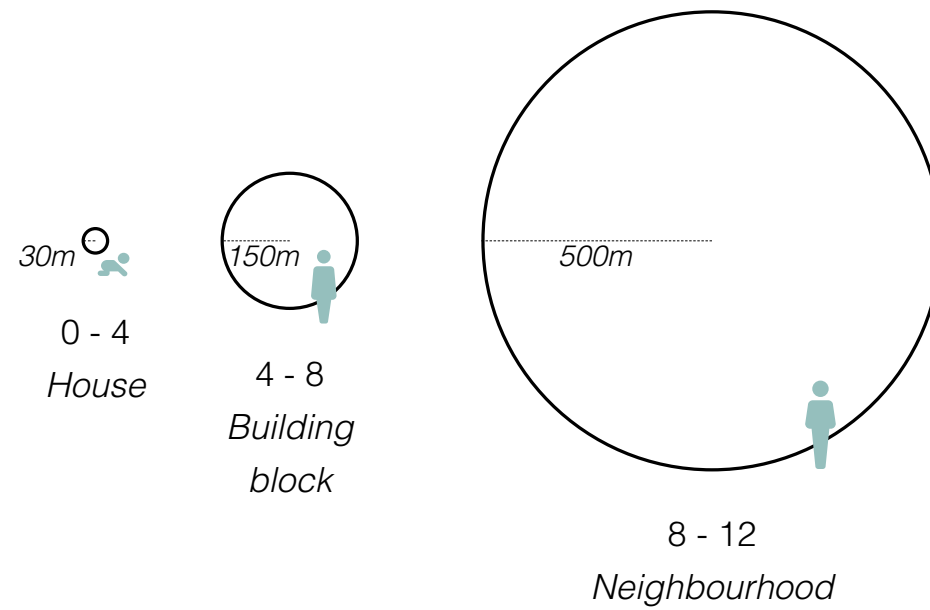
Playing

Range of action



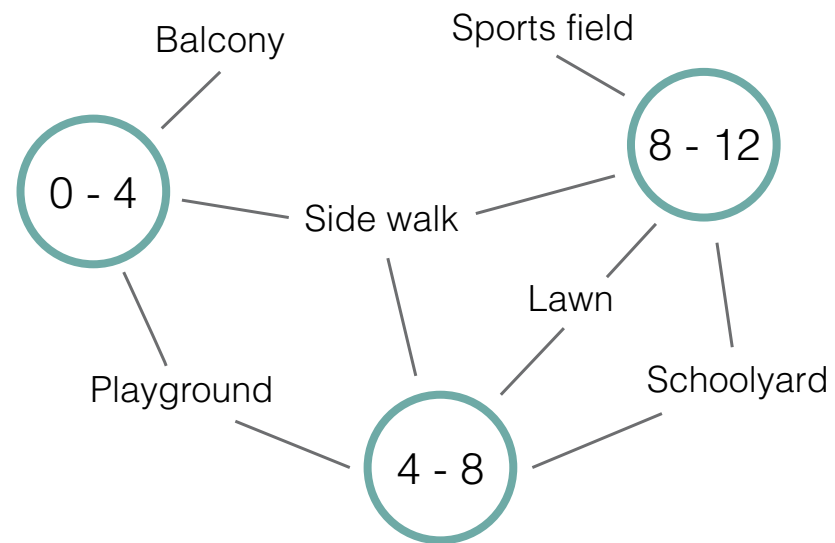
Range of action

Location and age



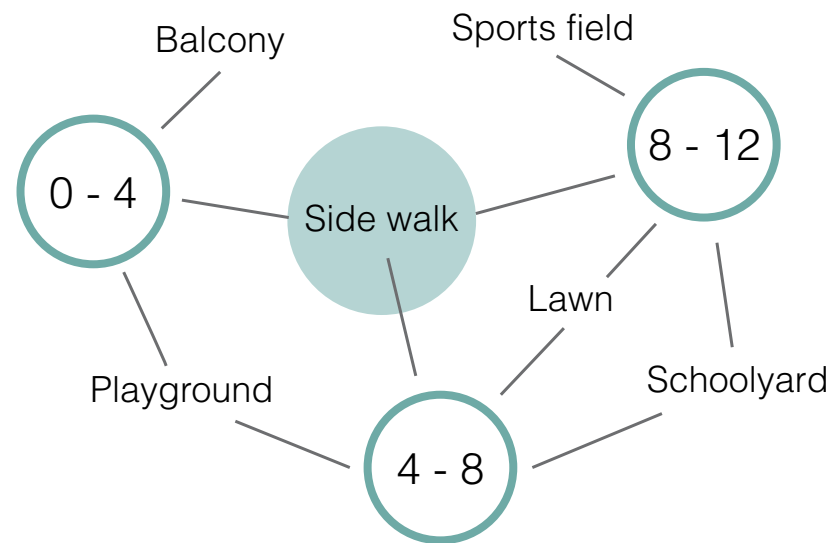
Playing

Location and age



Playing

Location and age



Design starting points

Design starting points

Neighbourhood

Near facilities
Sheltered environment

Design starting points

Building block

Identity
Other families
Facilities
Supervision

Research

Design starting points

House

Adaptability

Design starting points

Playing

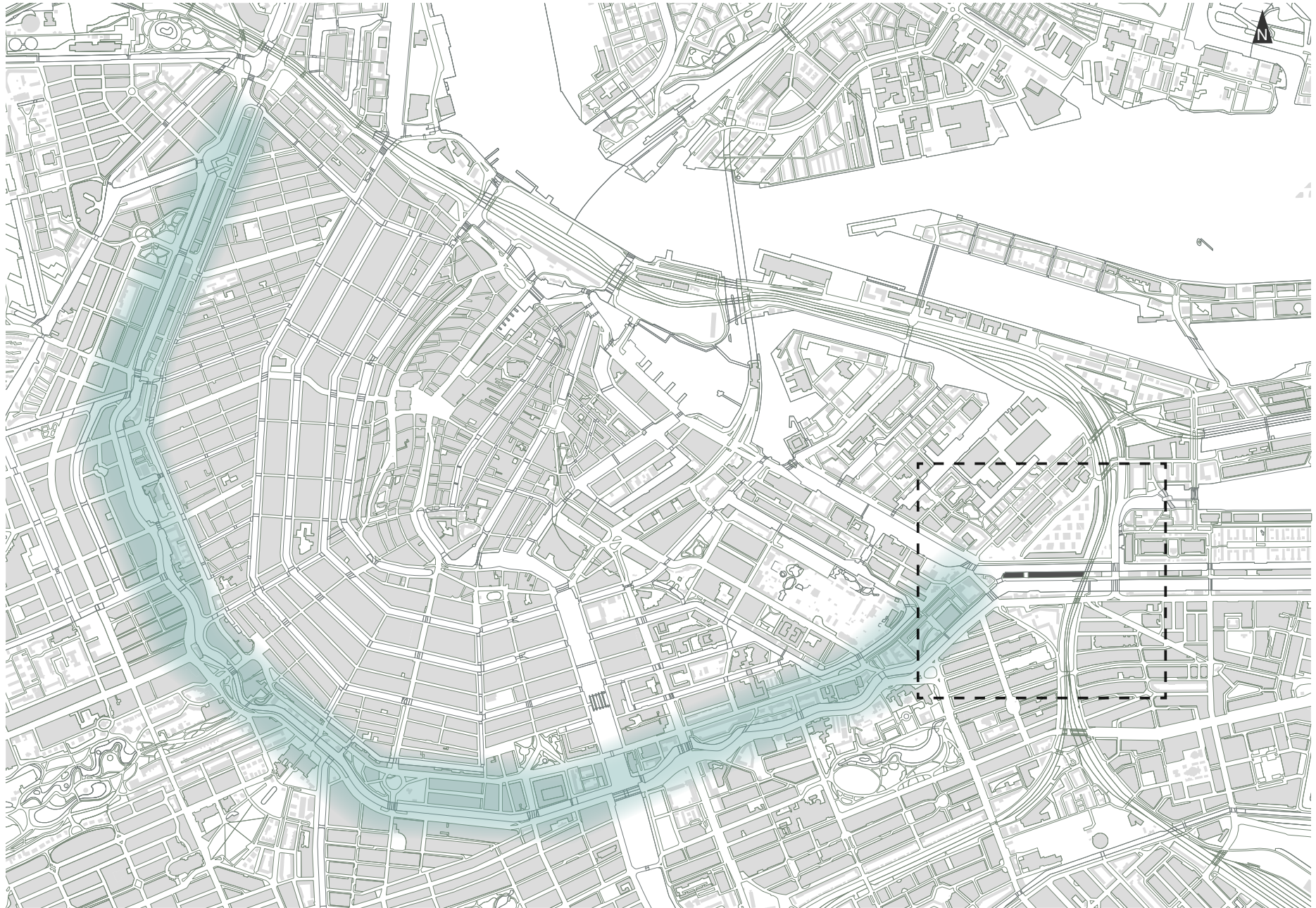
Separate playing area for each age group

All dwellings connected to the street

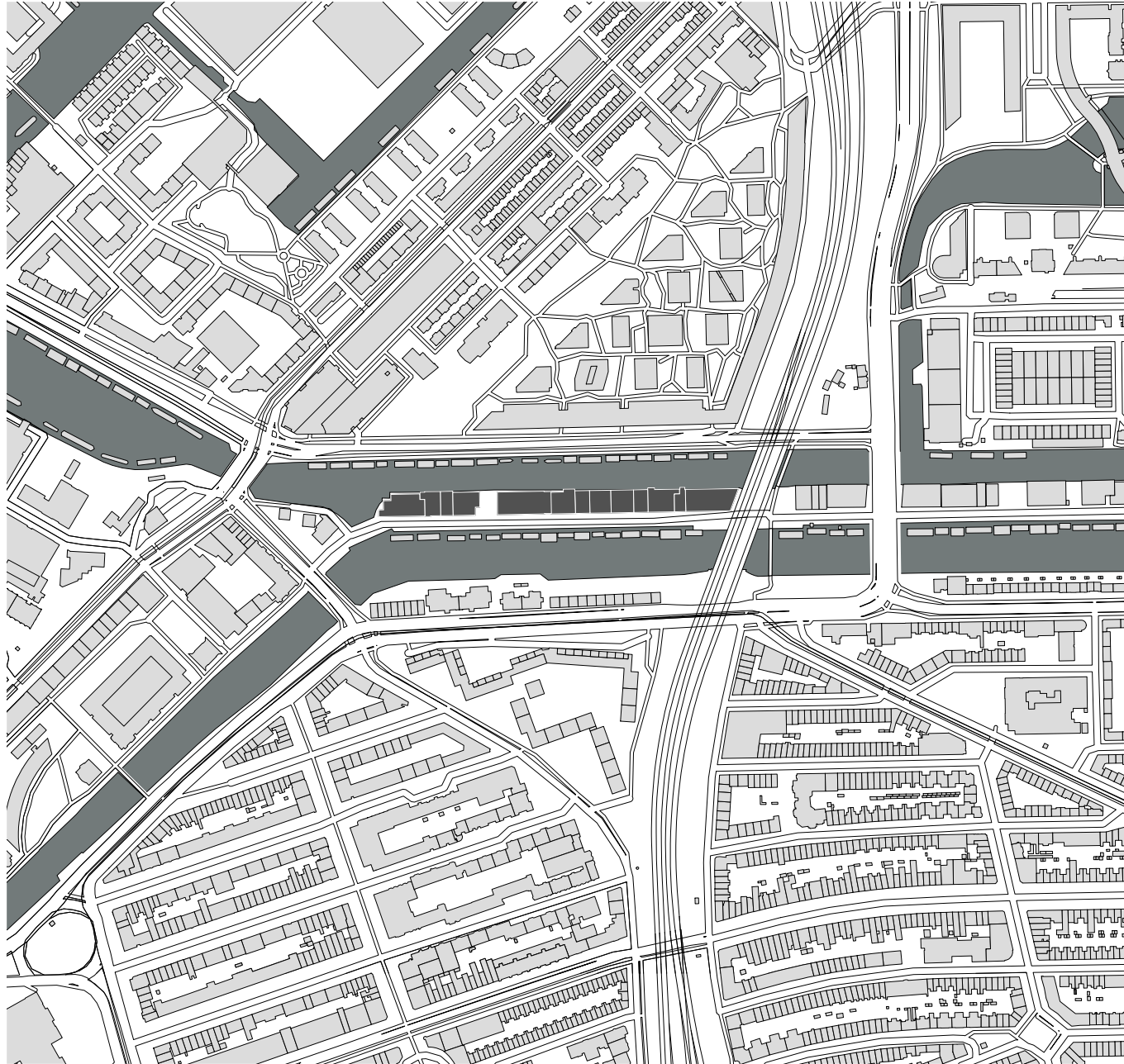
Location



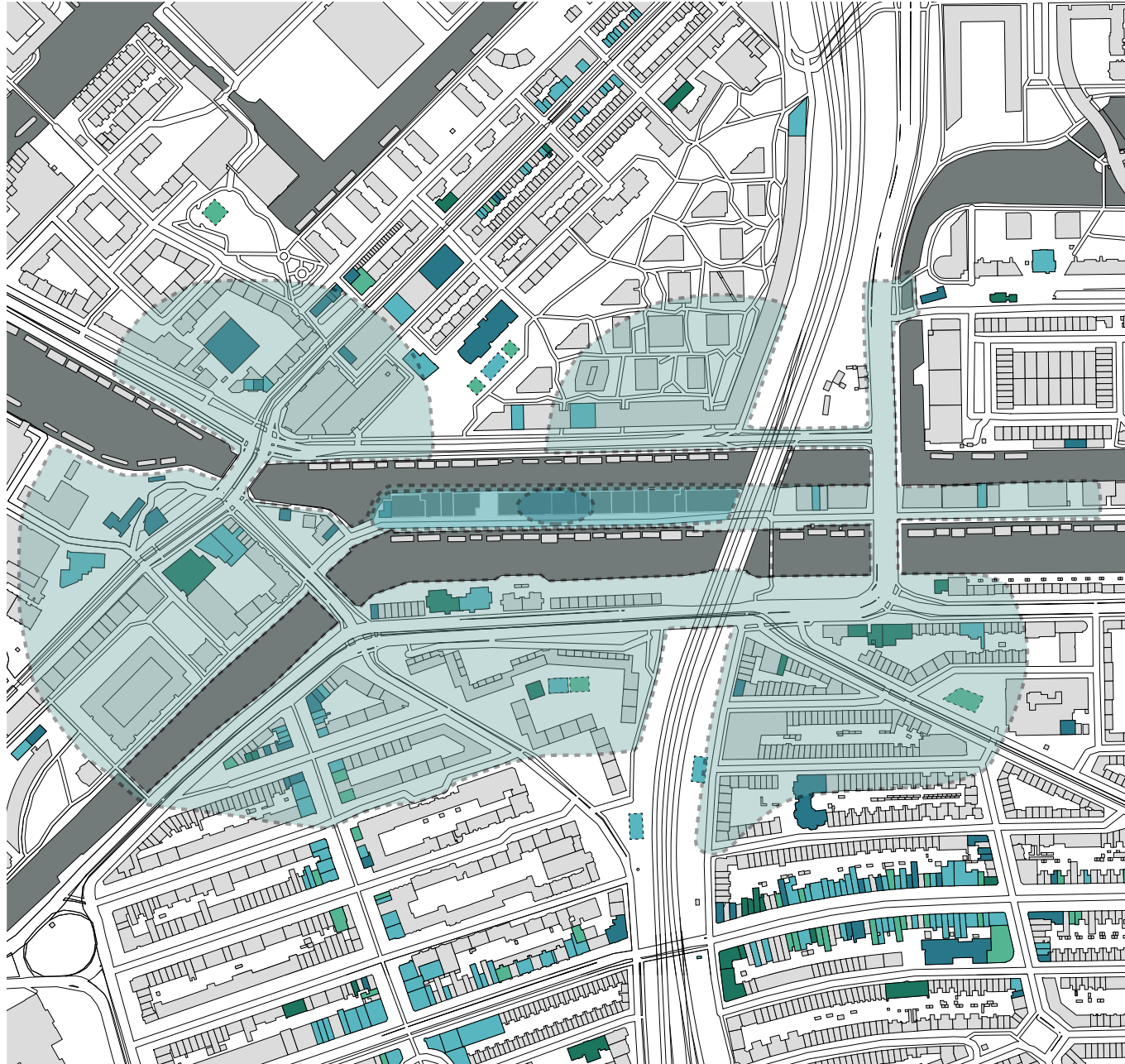
Location



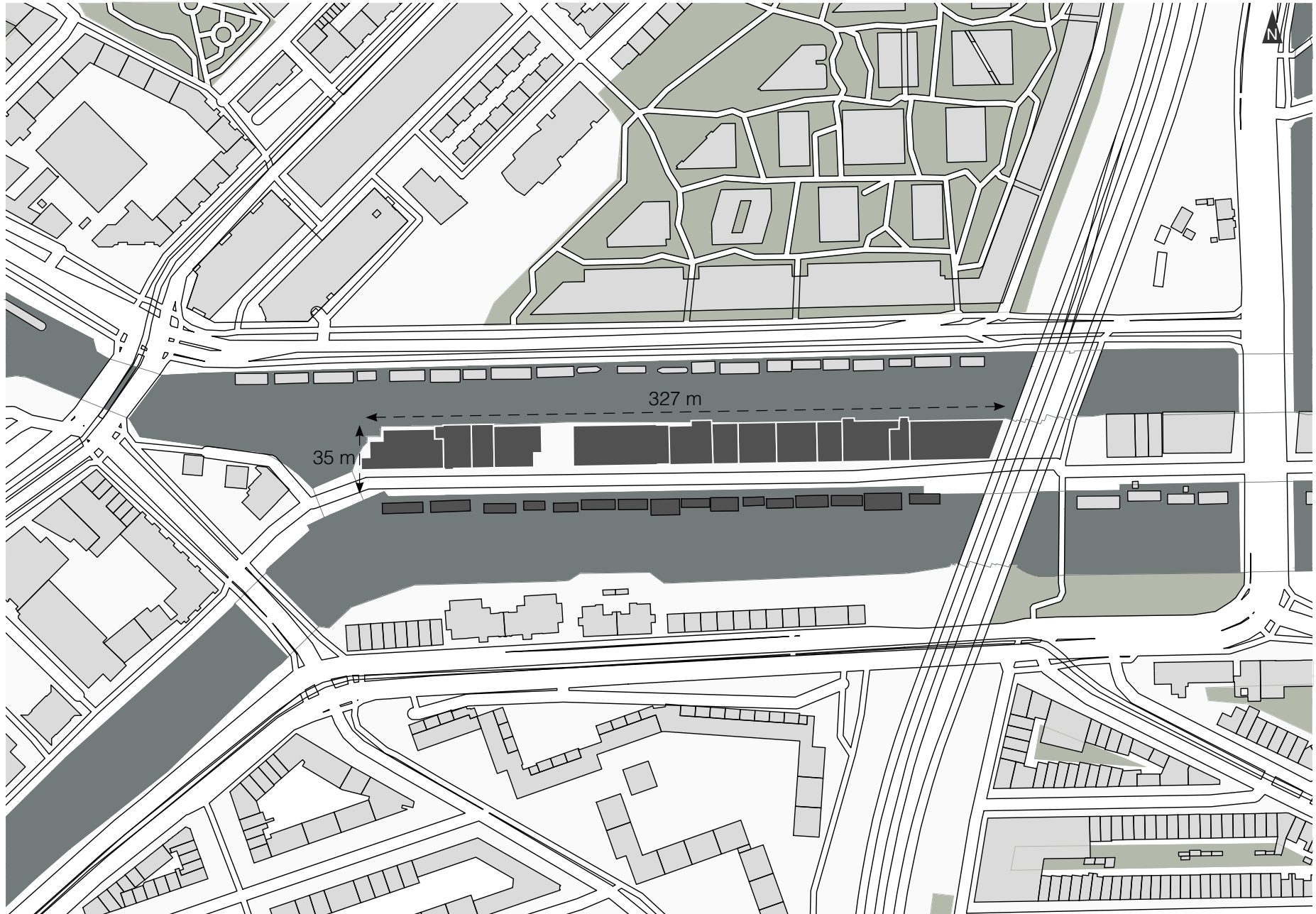
Location



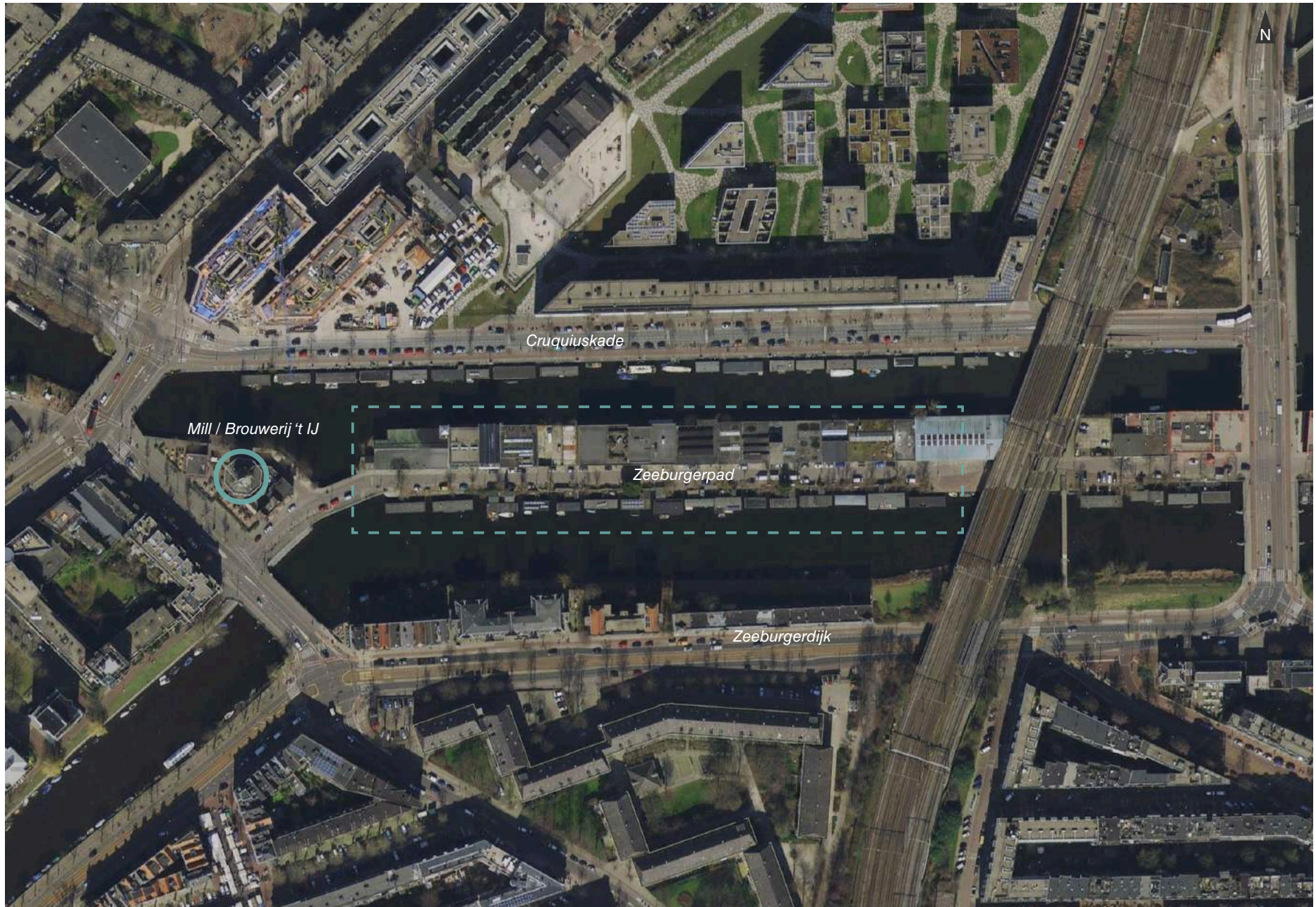
Location



Location



Location



Location



Location



Existing situation

Value assesment

- Lack of maintenance and underdeveloped
- No specific cultural or historical value
- Area is currently redeveloping



Demolishing

Design starting points

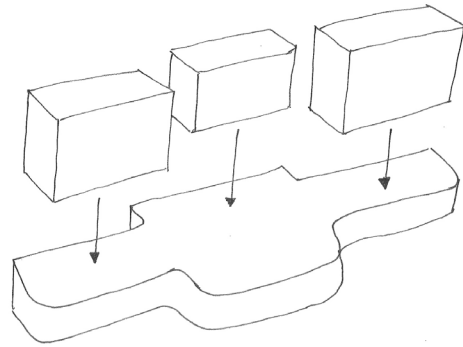
Create protected area from the water

Integrate kinder garden in the design

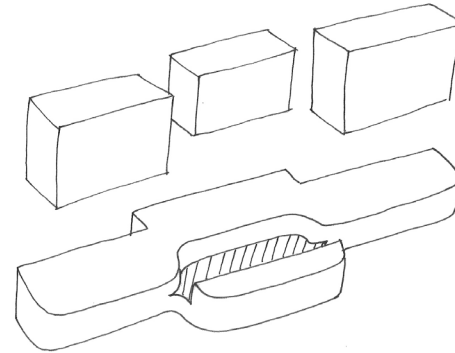
Car free zone

Use height difference to integrate car parking

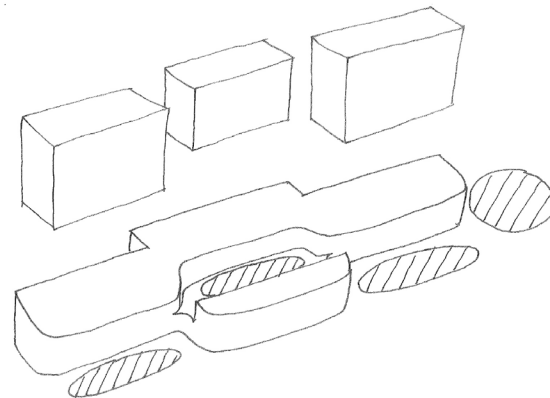
Building configuration



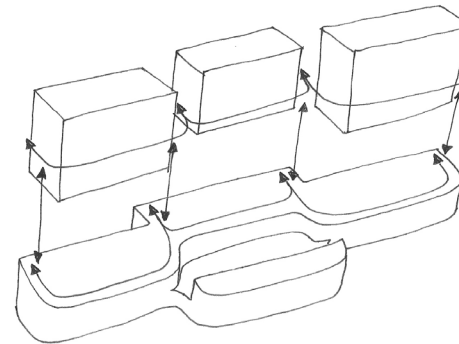
Plinth and volumes



Carved out square

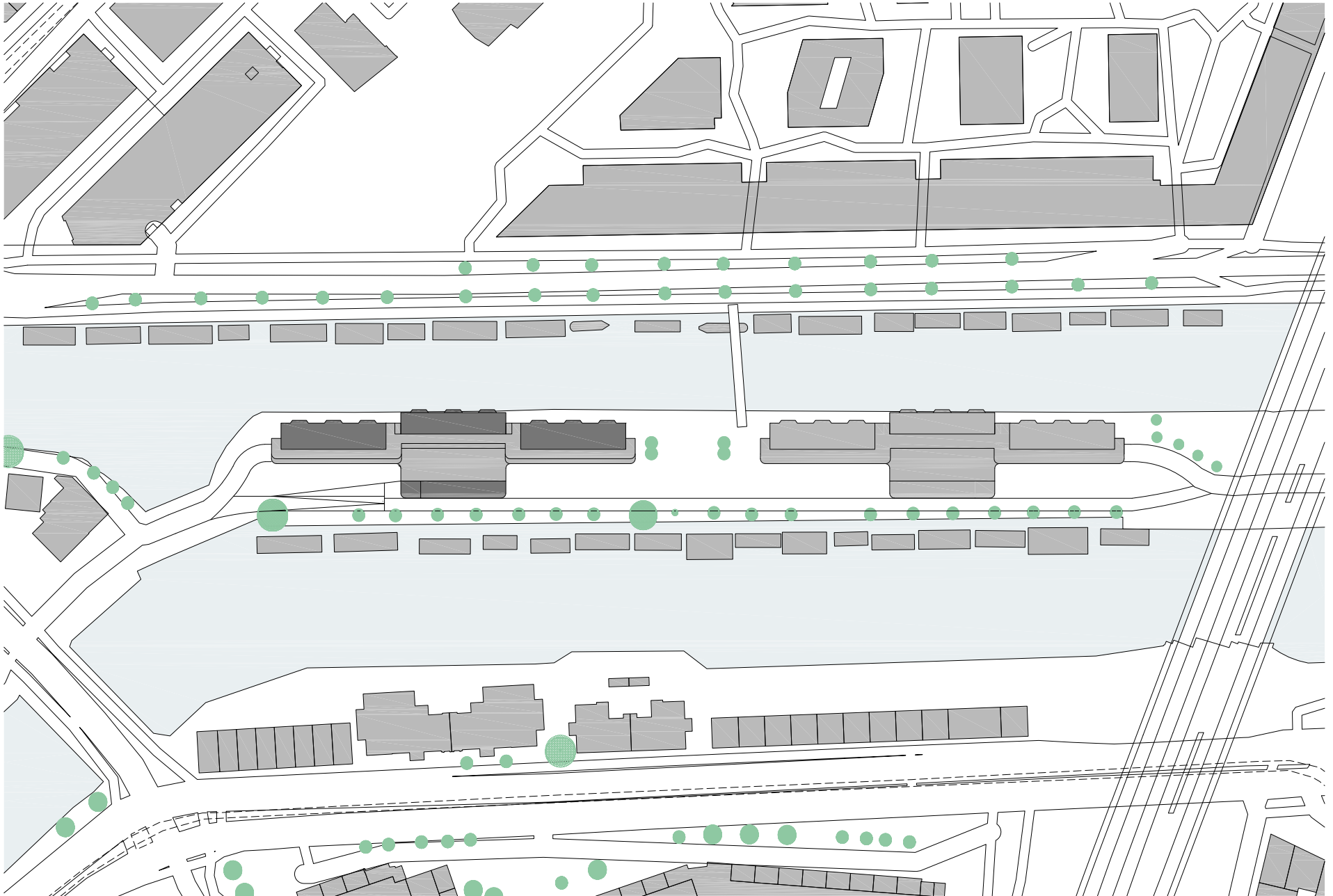


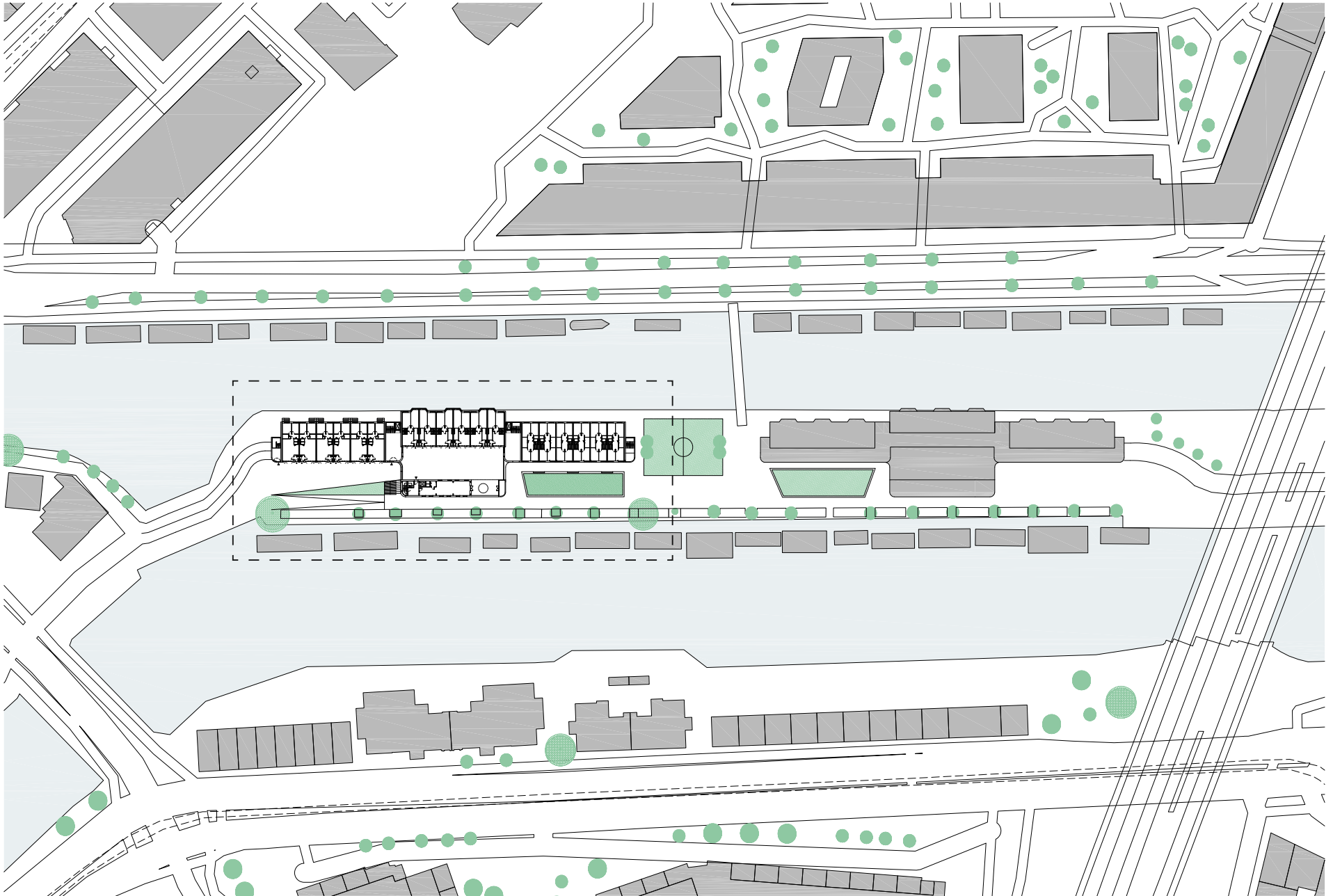
Places to play



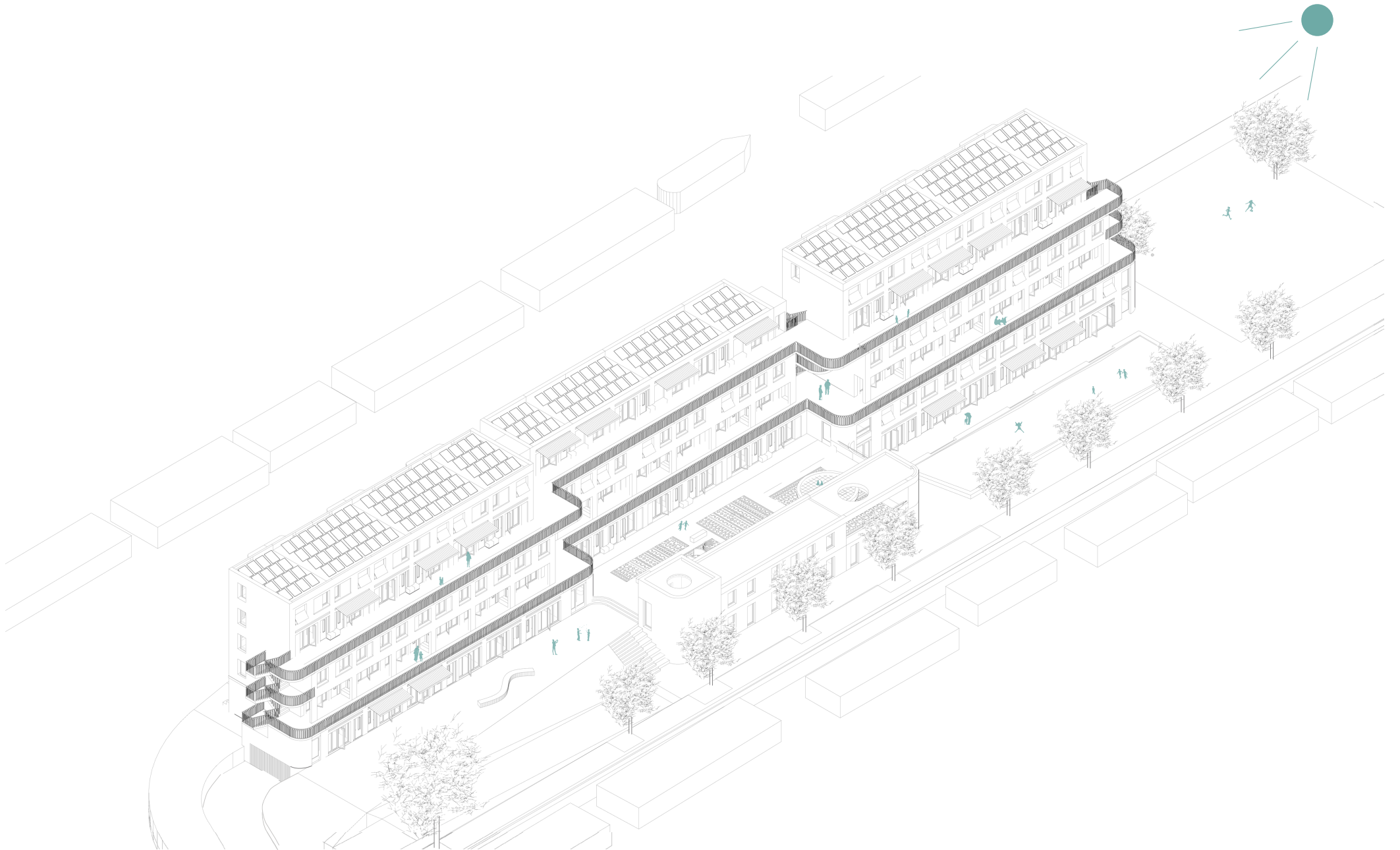
Connections

Design



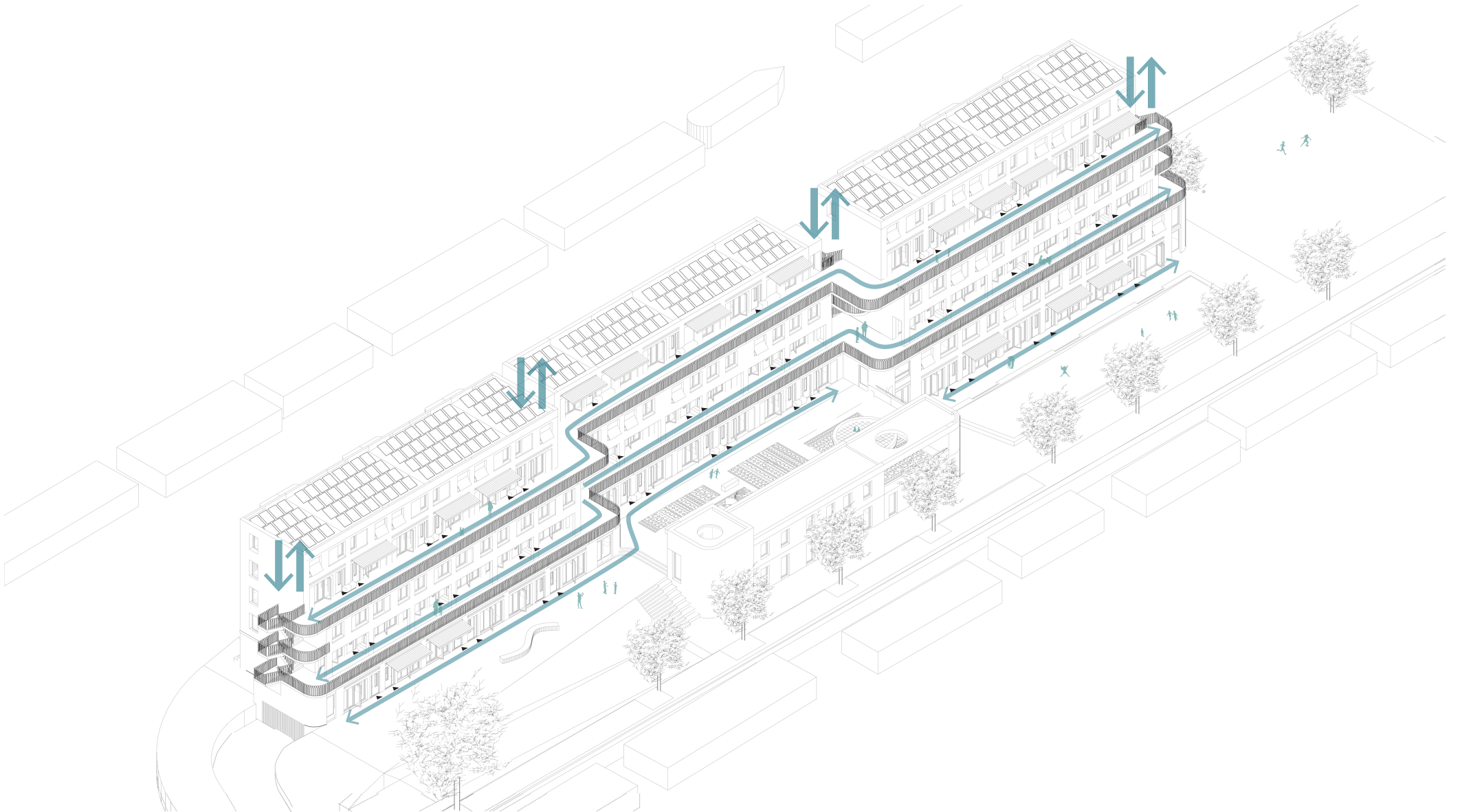


Design



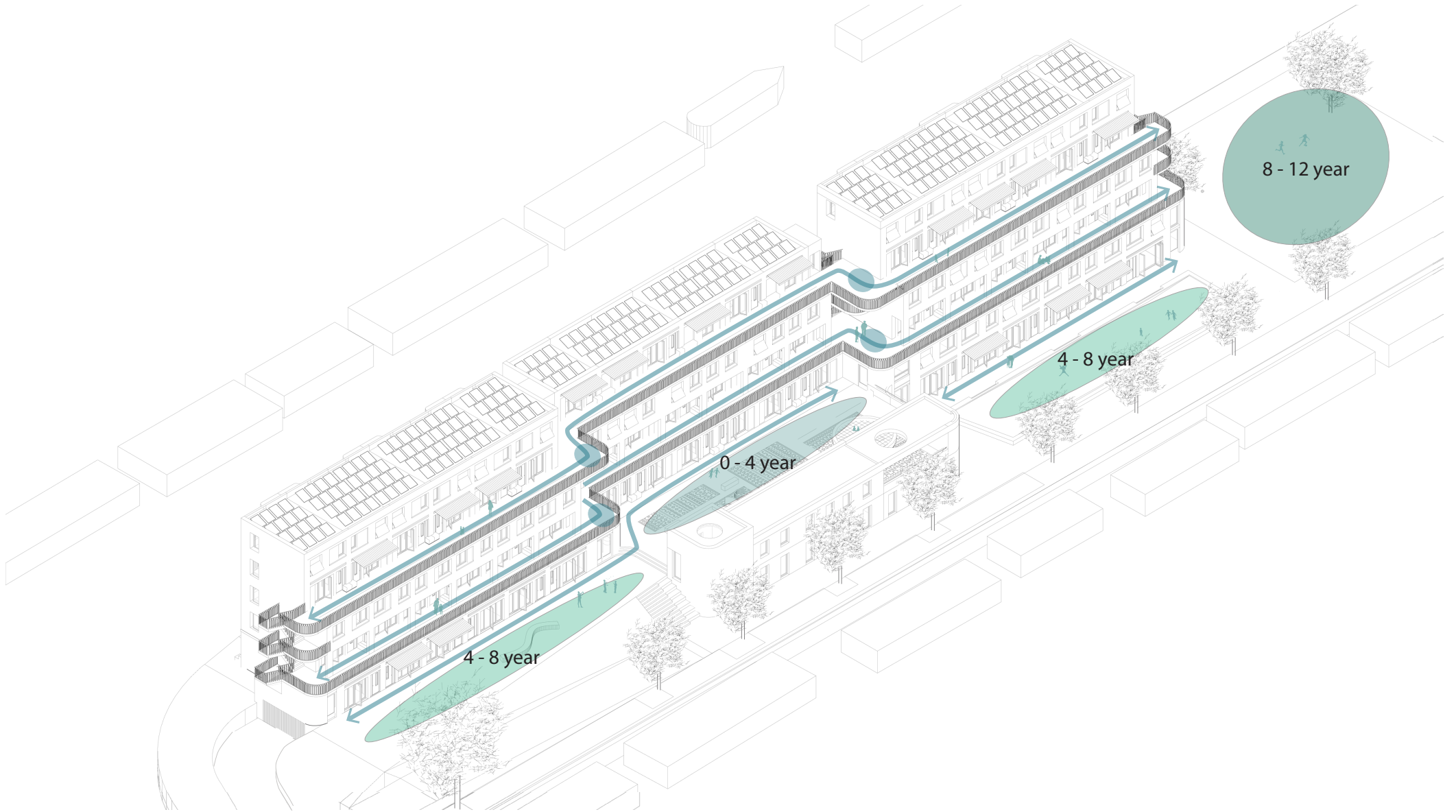


Circulation & Access



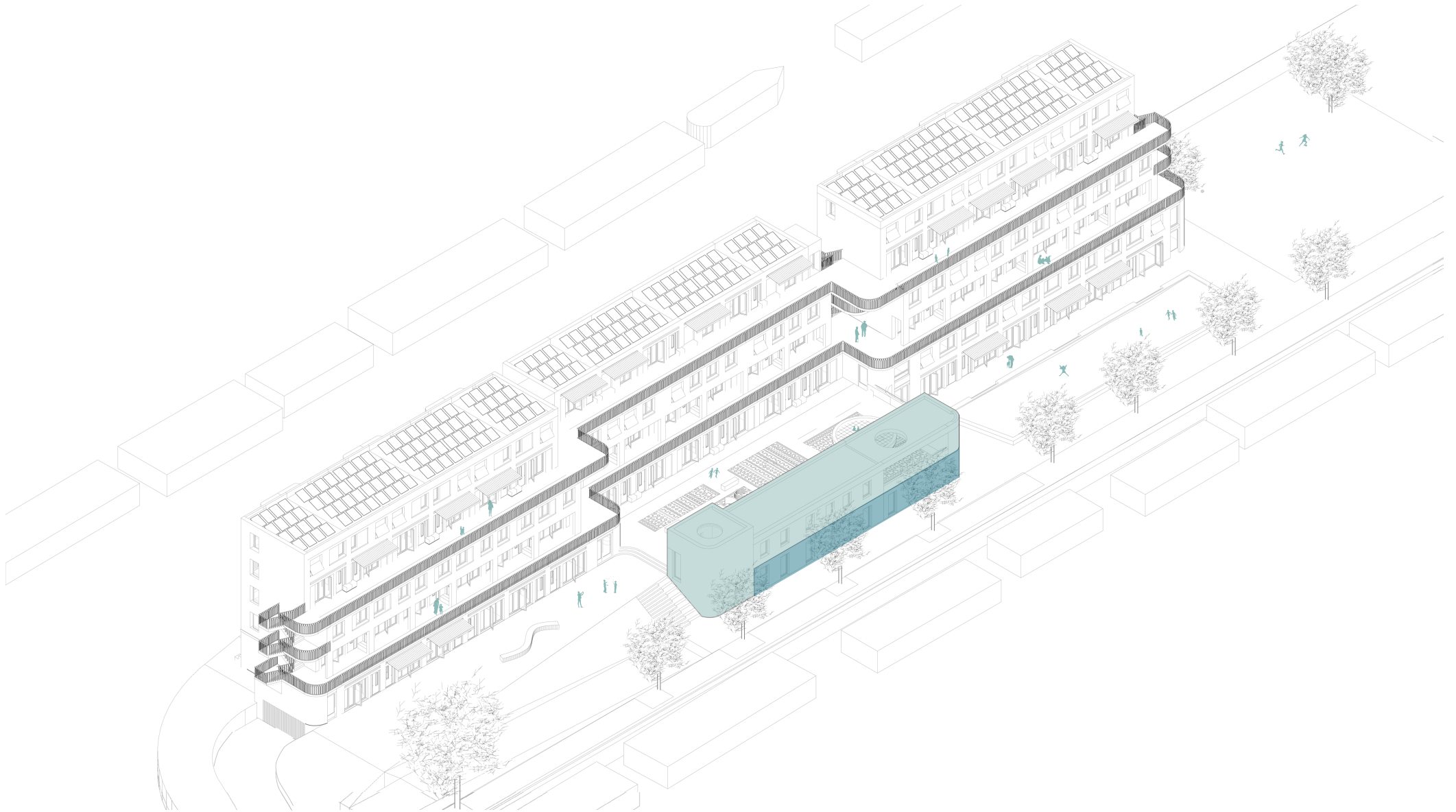
Design

Places to play



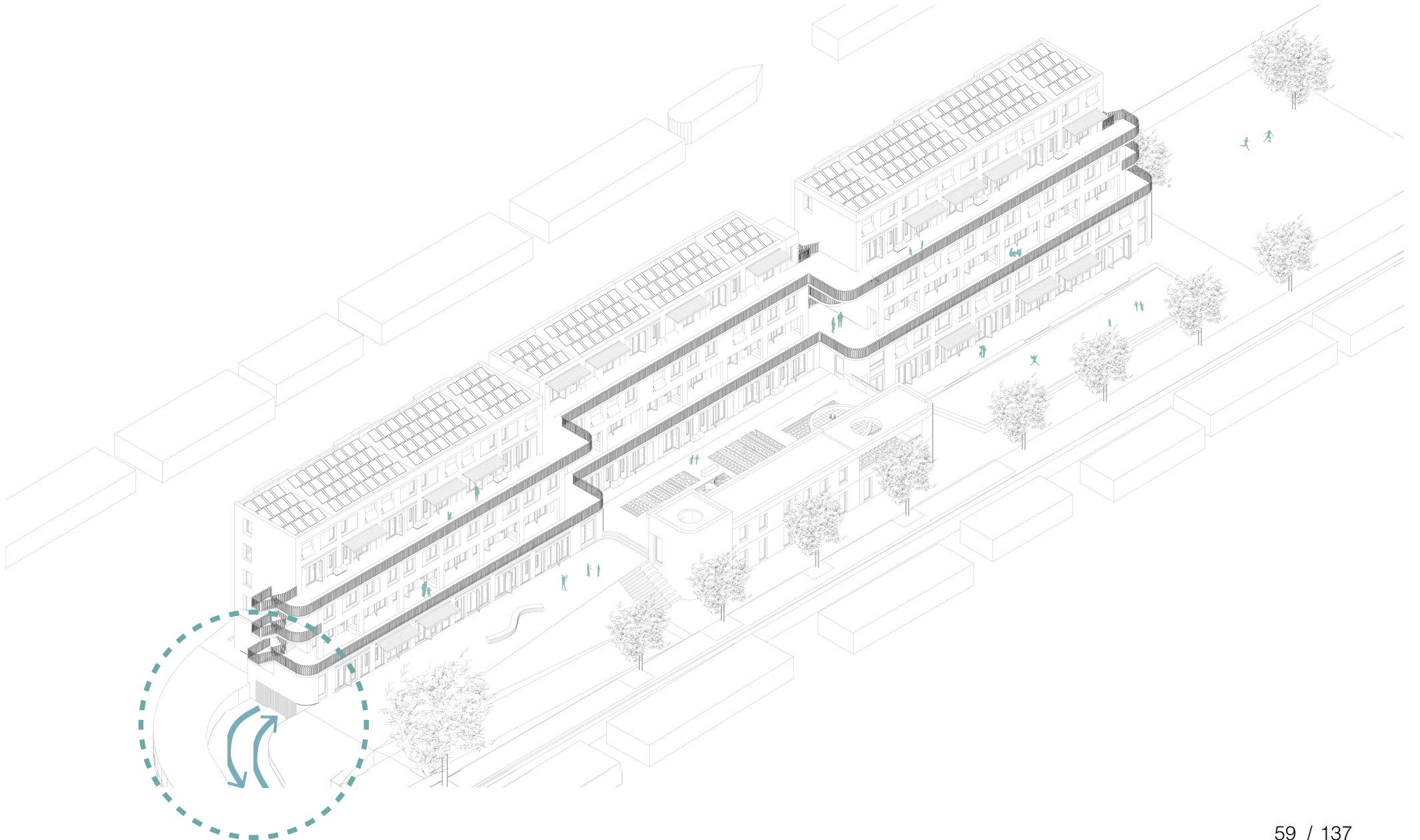
Design

Facilities



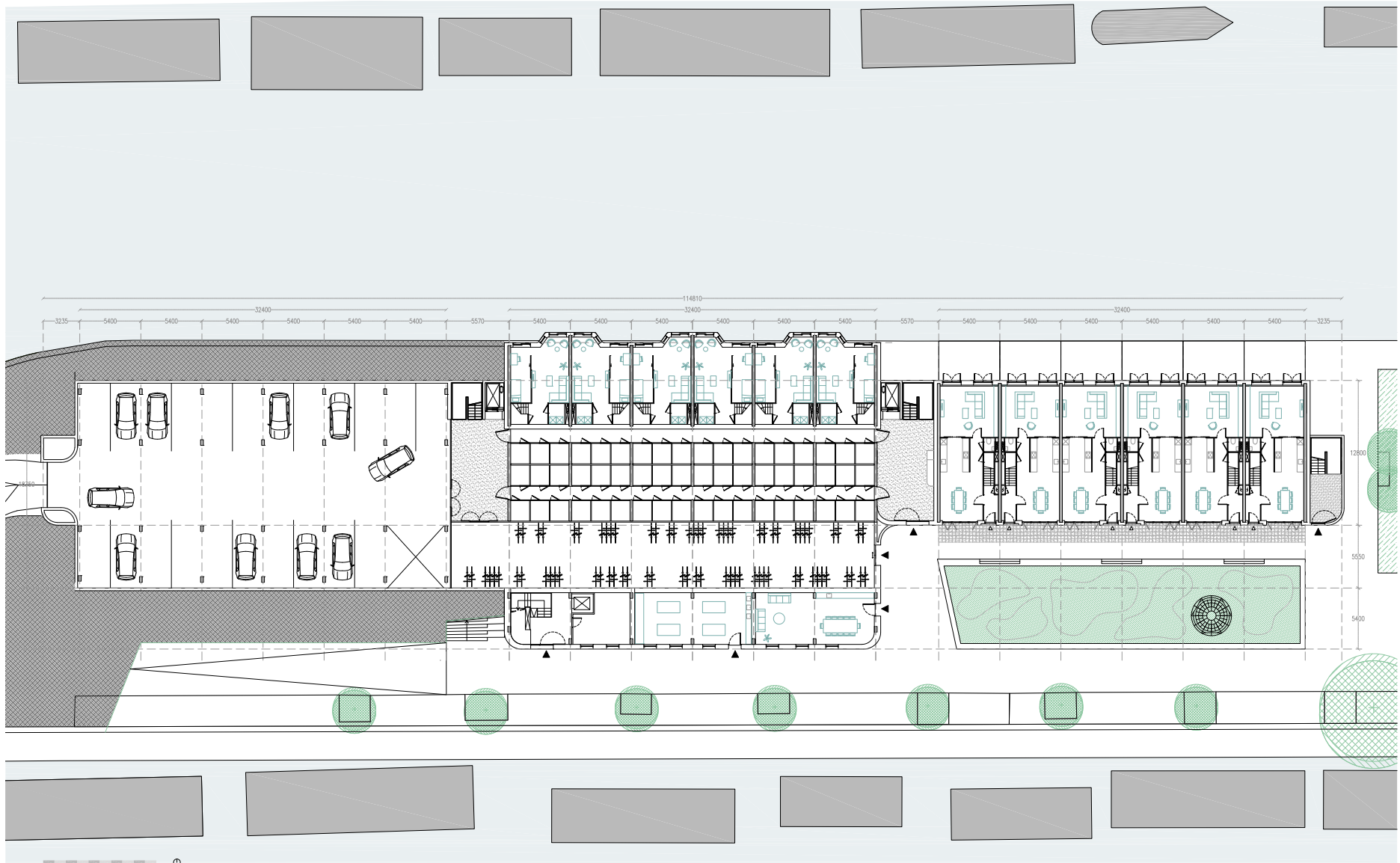
Design

Car parking



Design

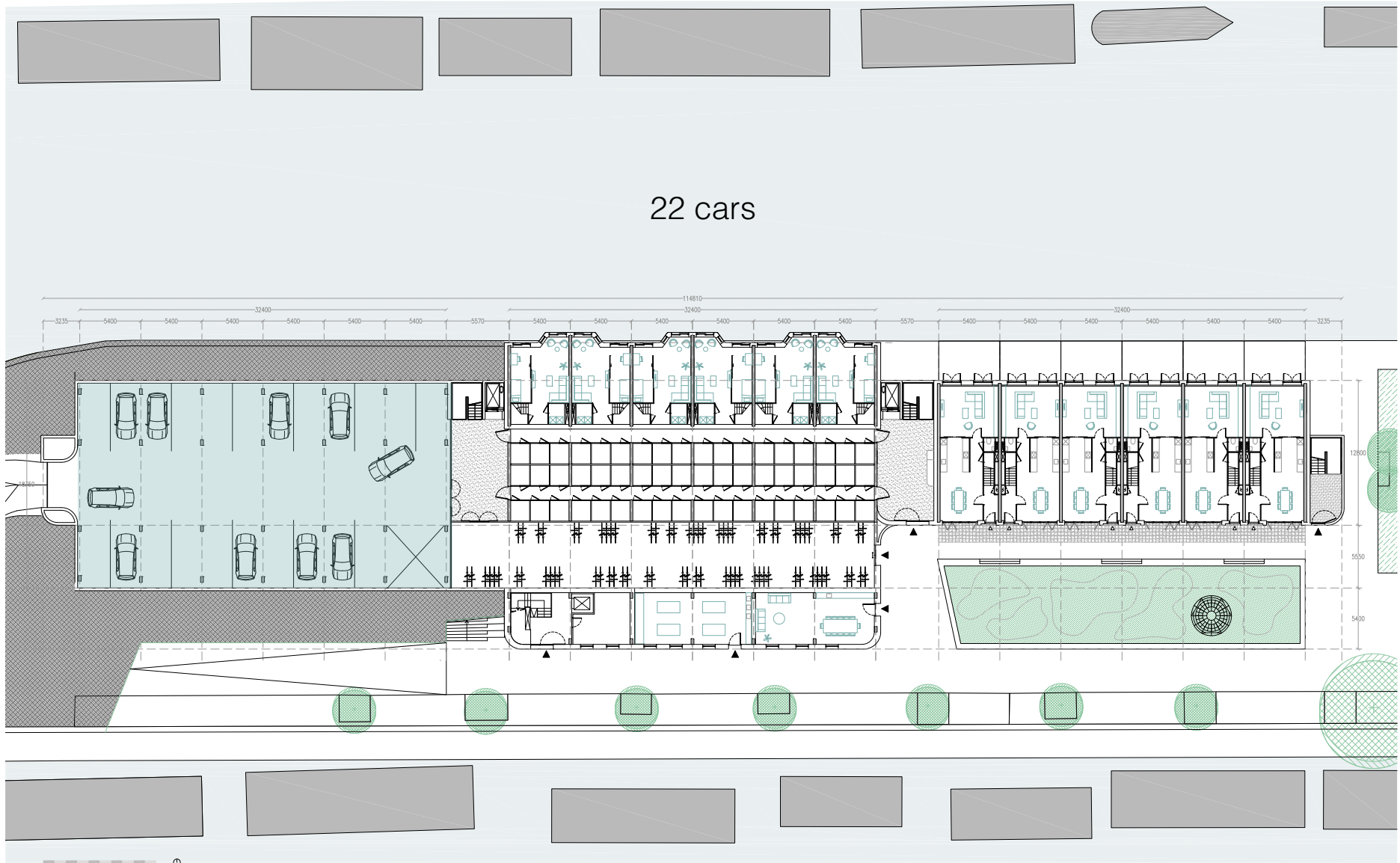
Ground Floor



Design

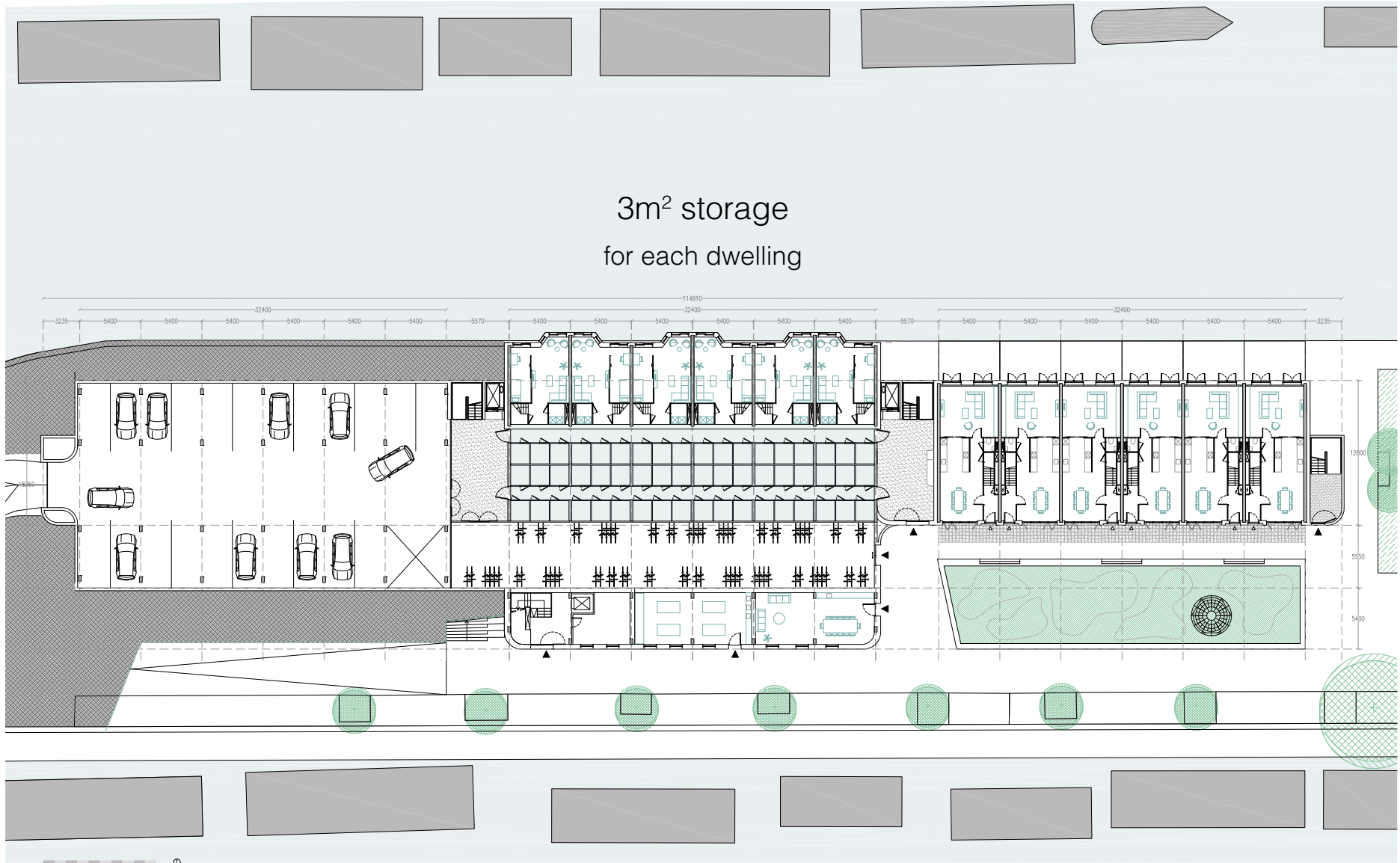
Ground Floor

22 cars



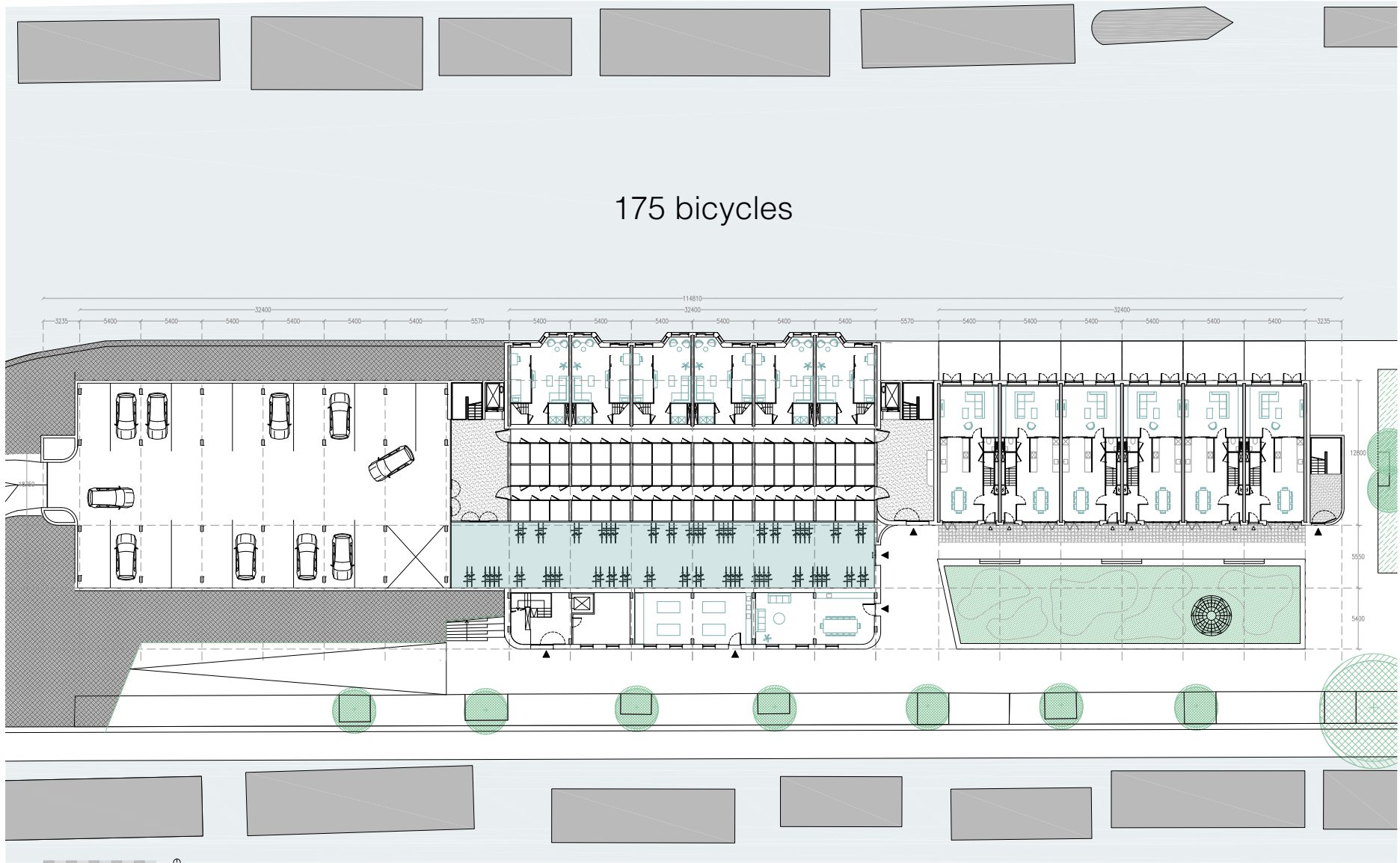
Ground Floor

3m² storage
for each dwelling



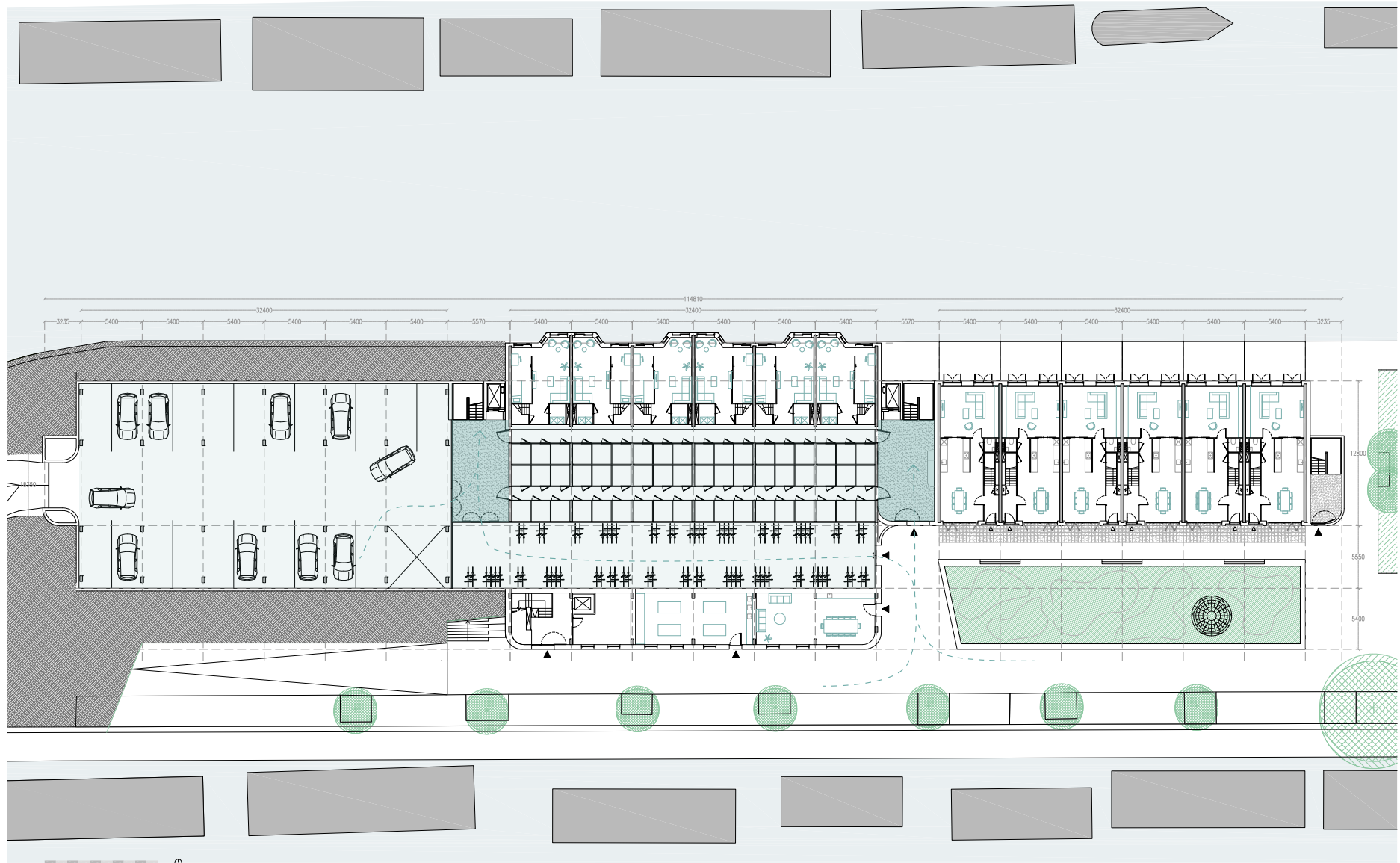
Ground Floor

175 bicycles

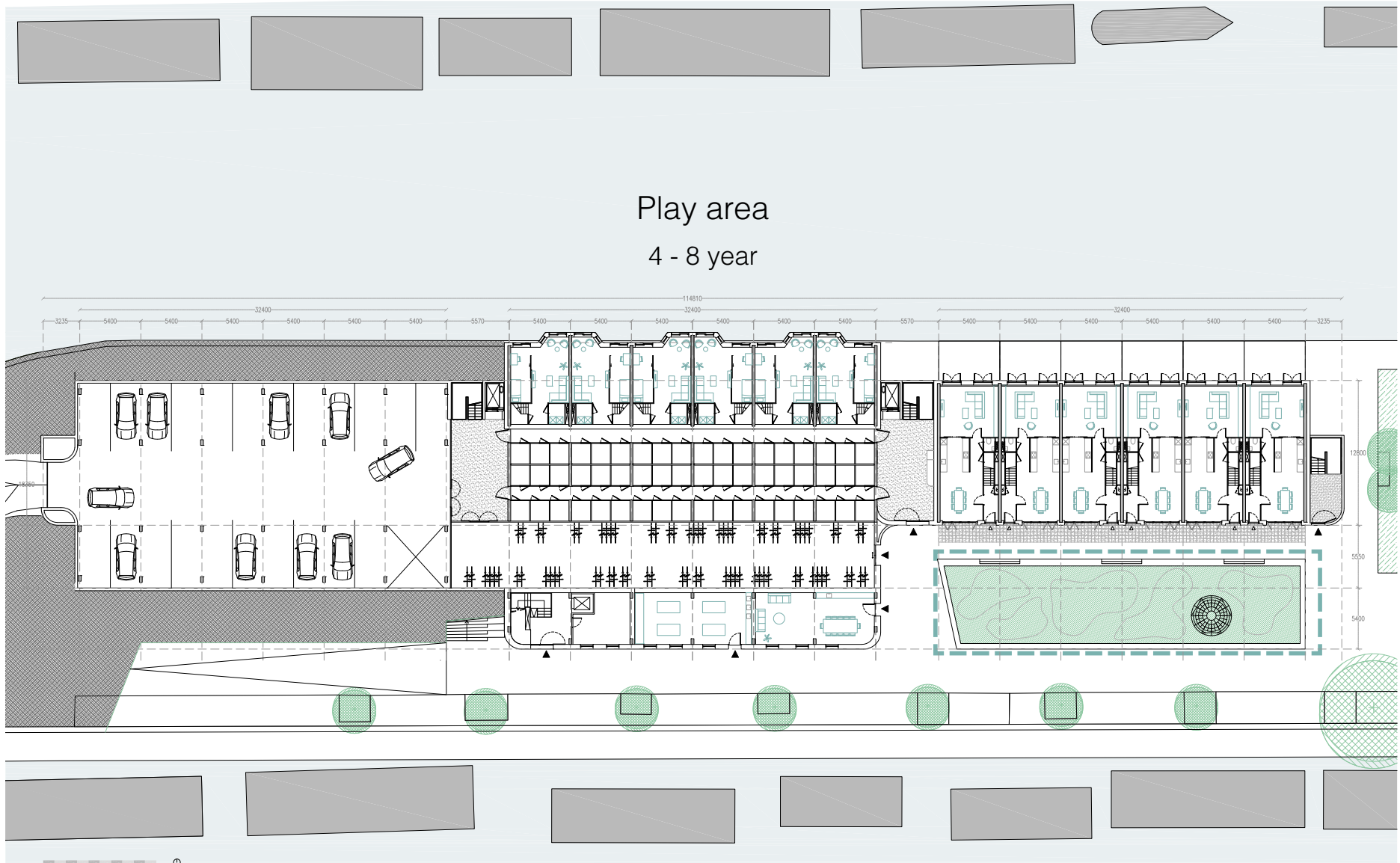


Design

Ground Floor

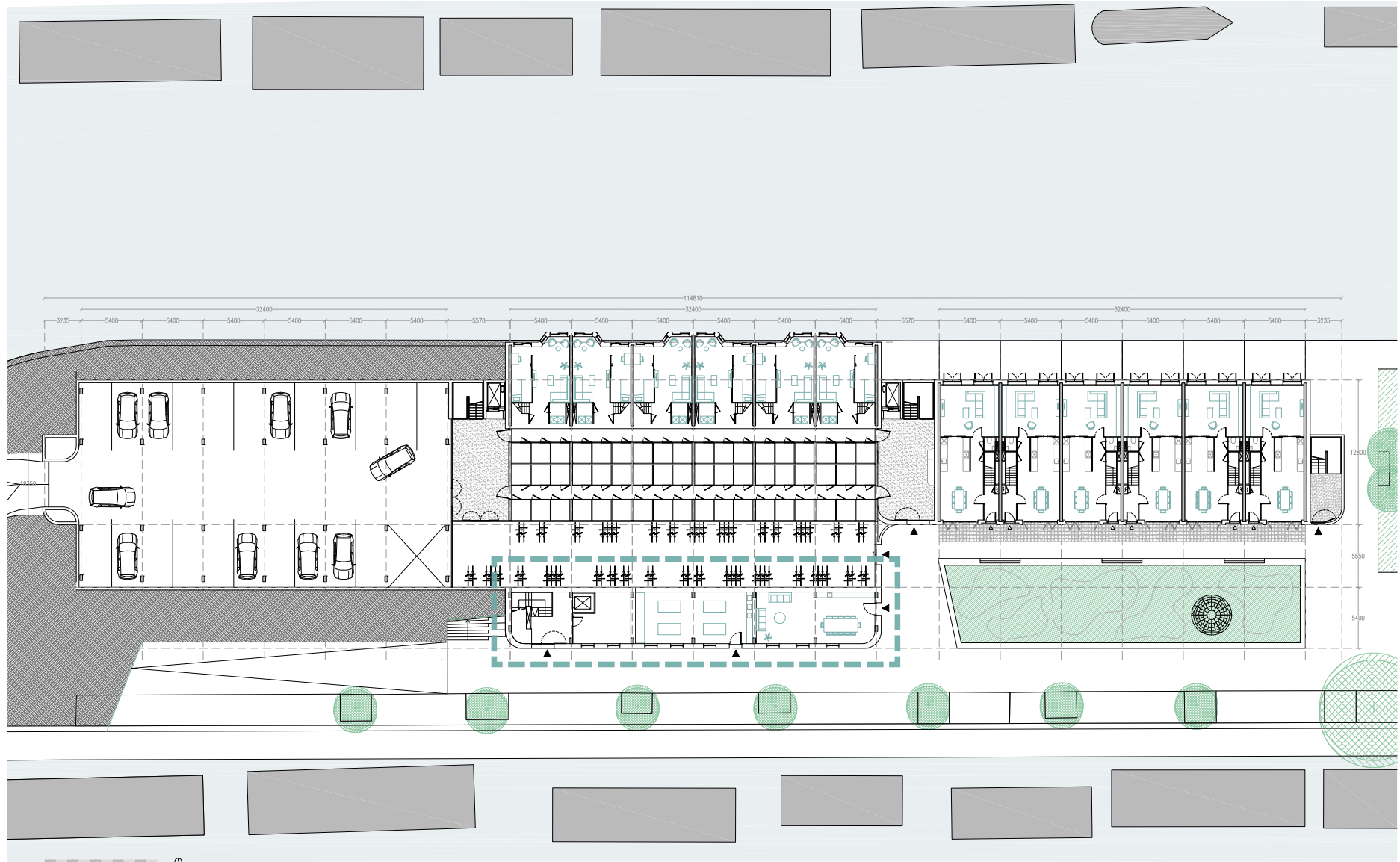


Play area
4 - 8 year



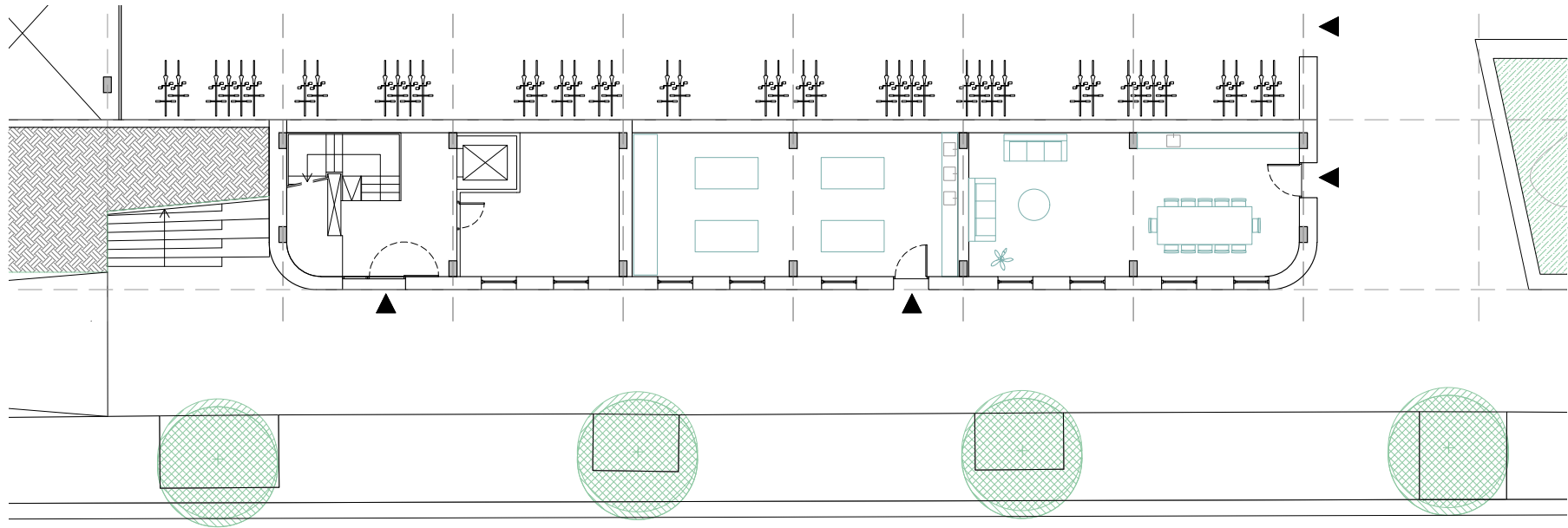


Ground Floor

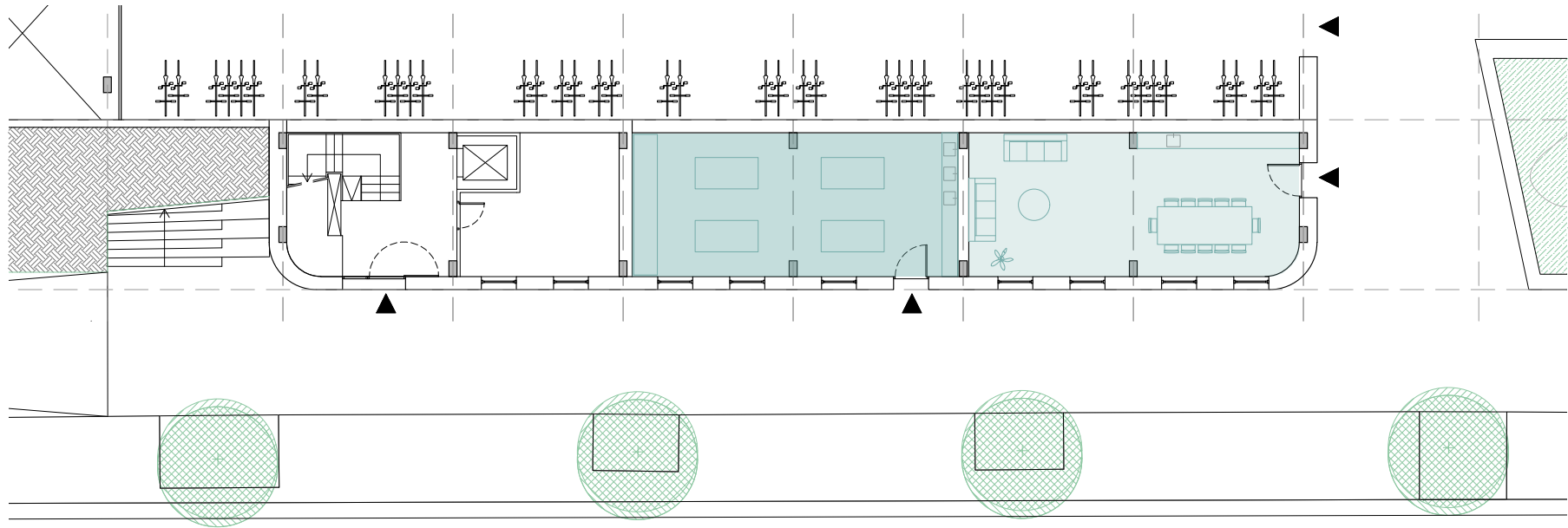


Design

Ground Floor



Ground Floor

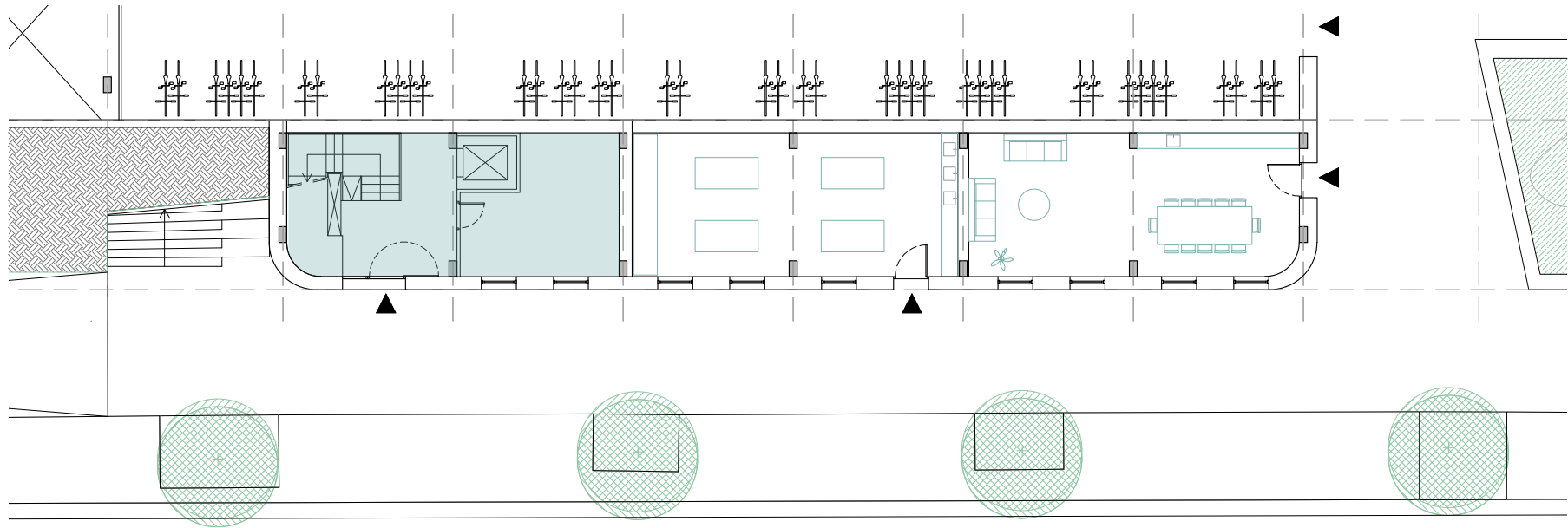


Workshop & Meeting room

Kluskamer & Buurtkamer

Design

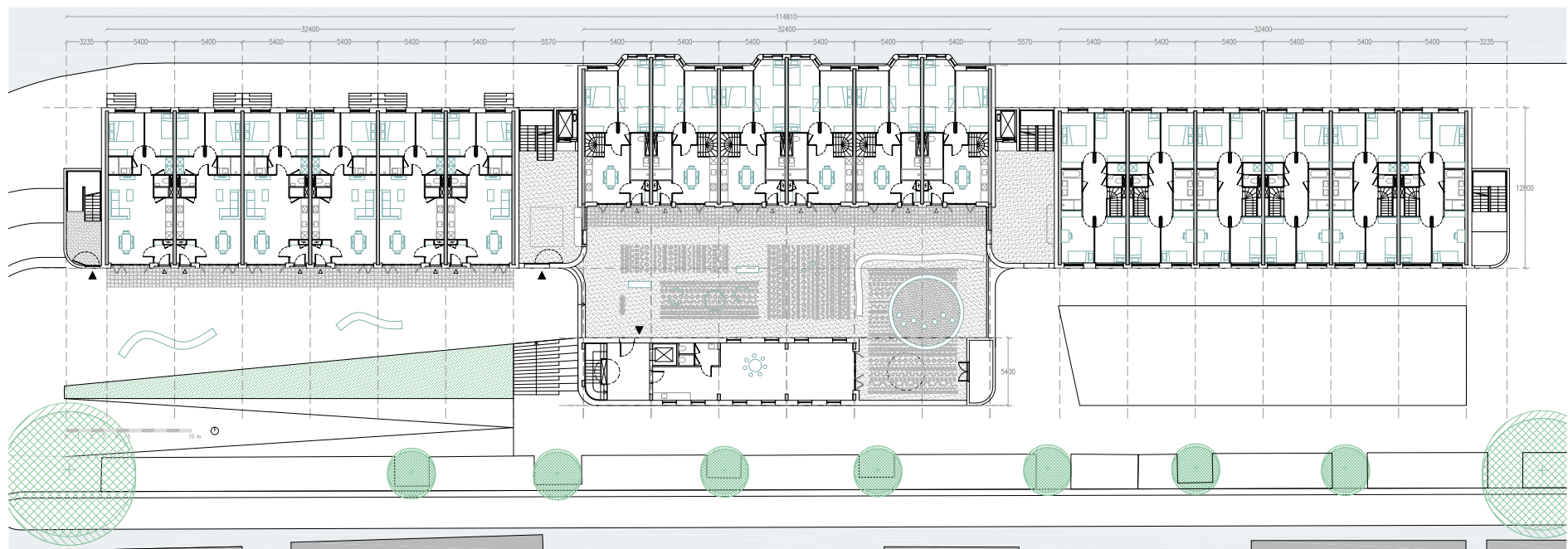
Ground Floor



Entrance Kindergarten

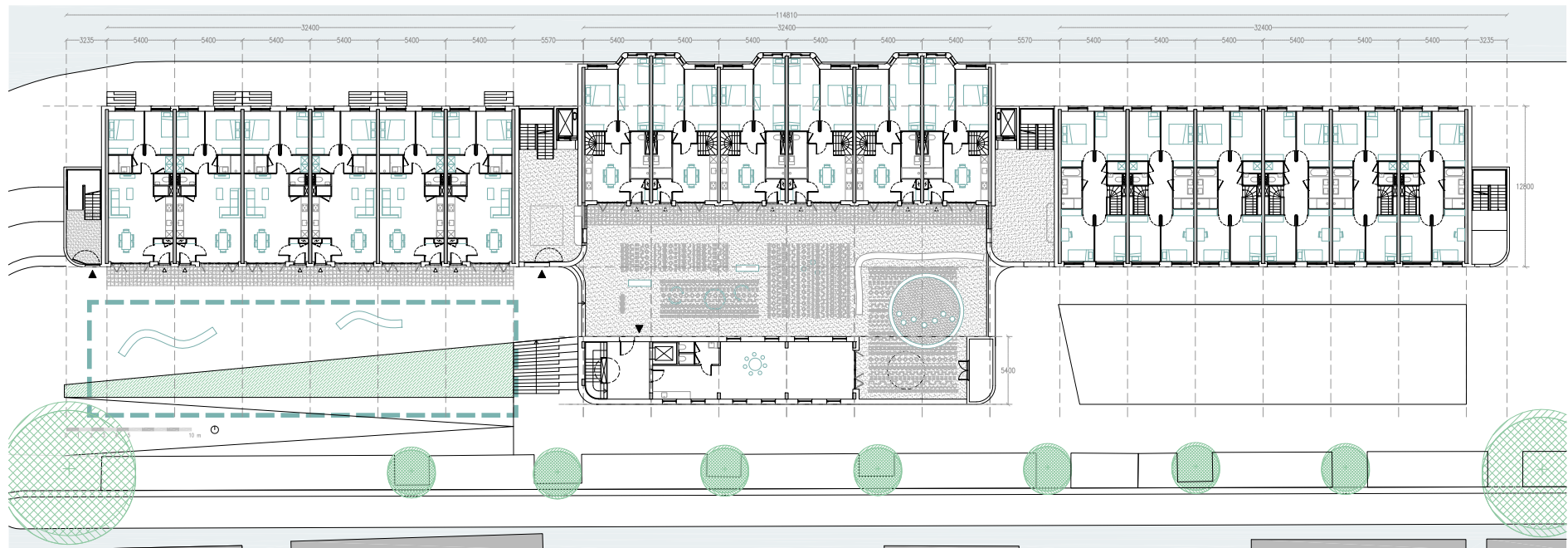
Design

First Floor



Design

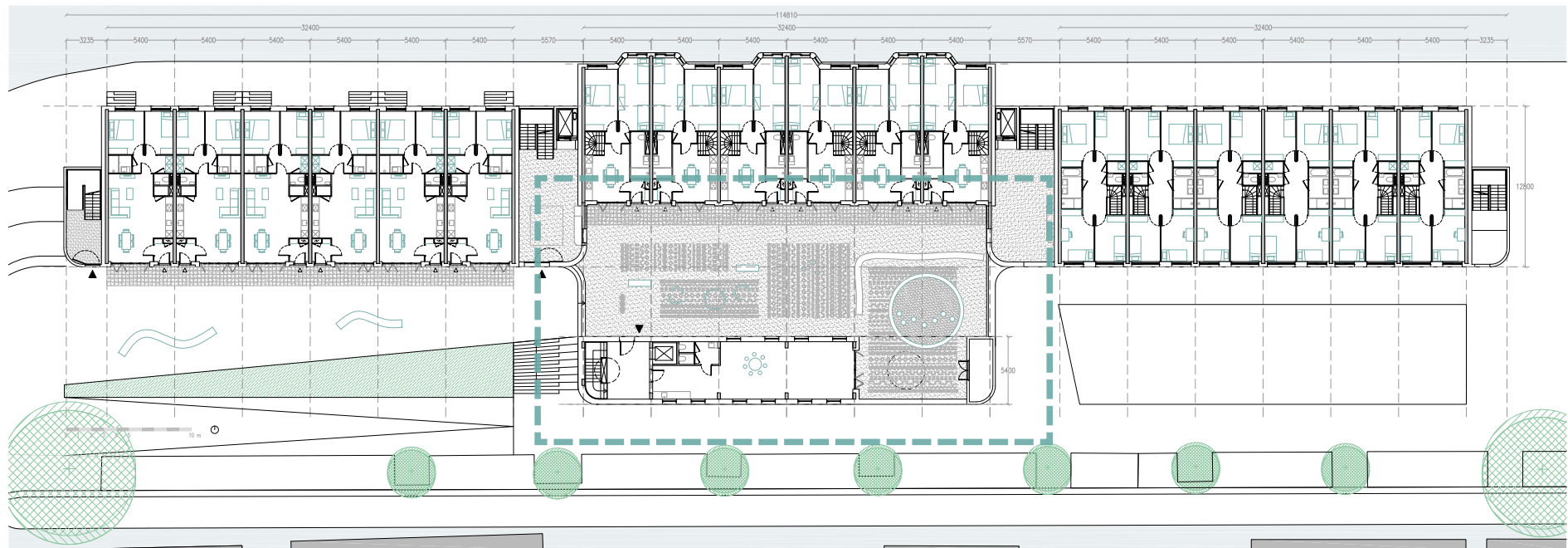
First Floor





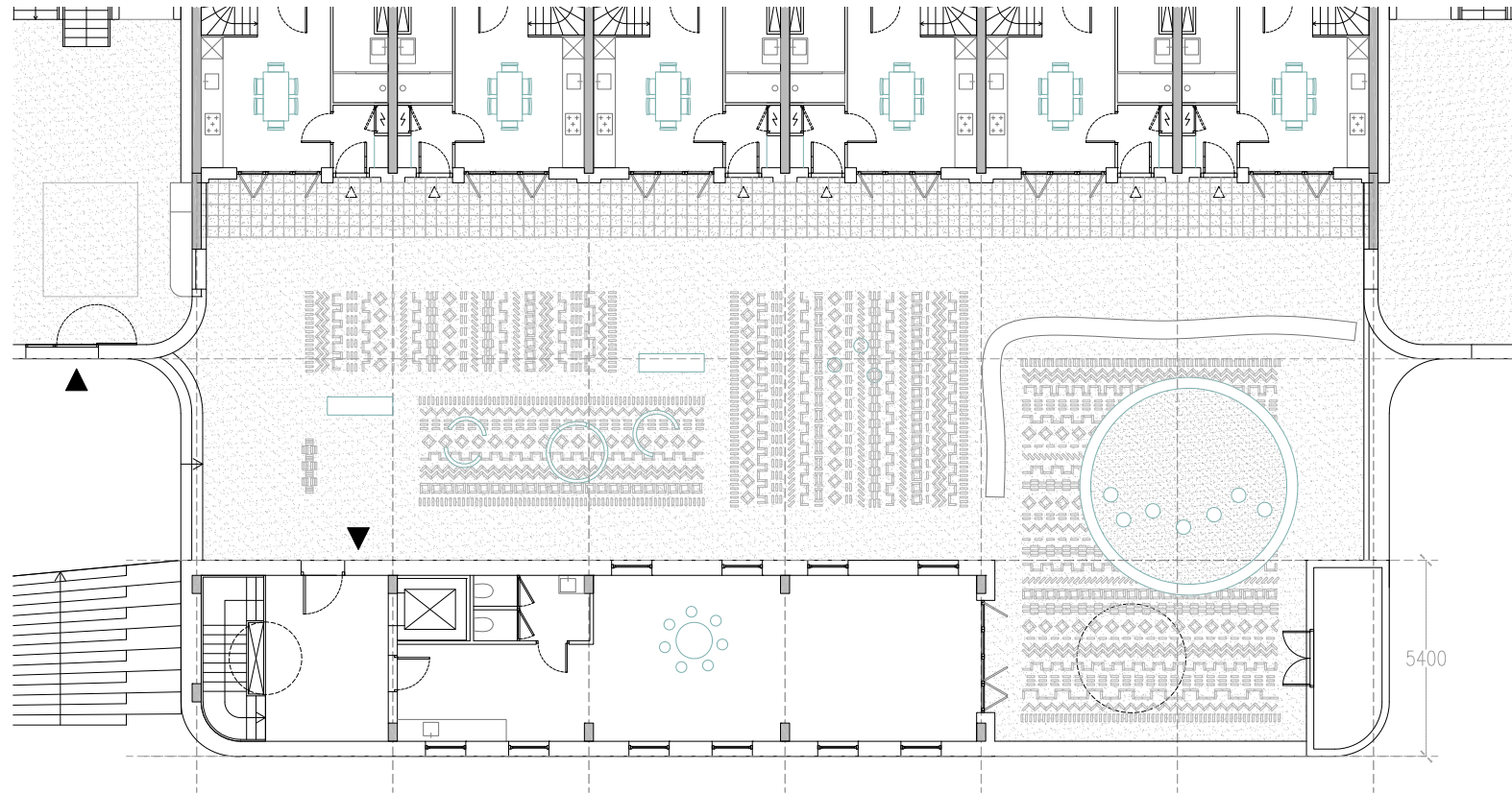
Design

First Floor



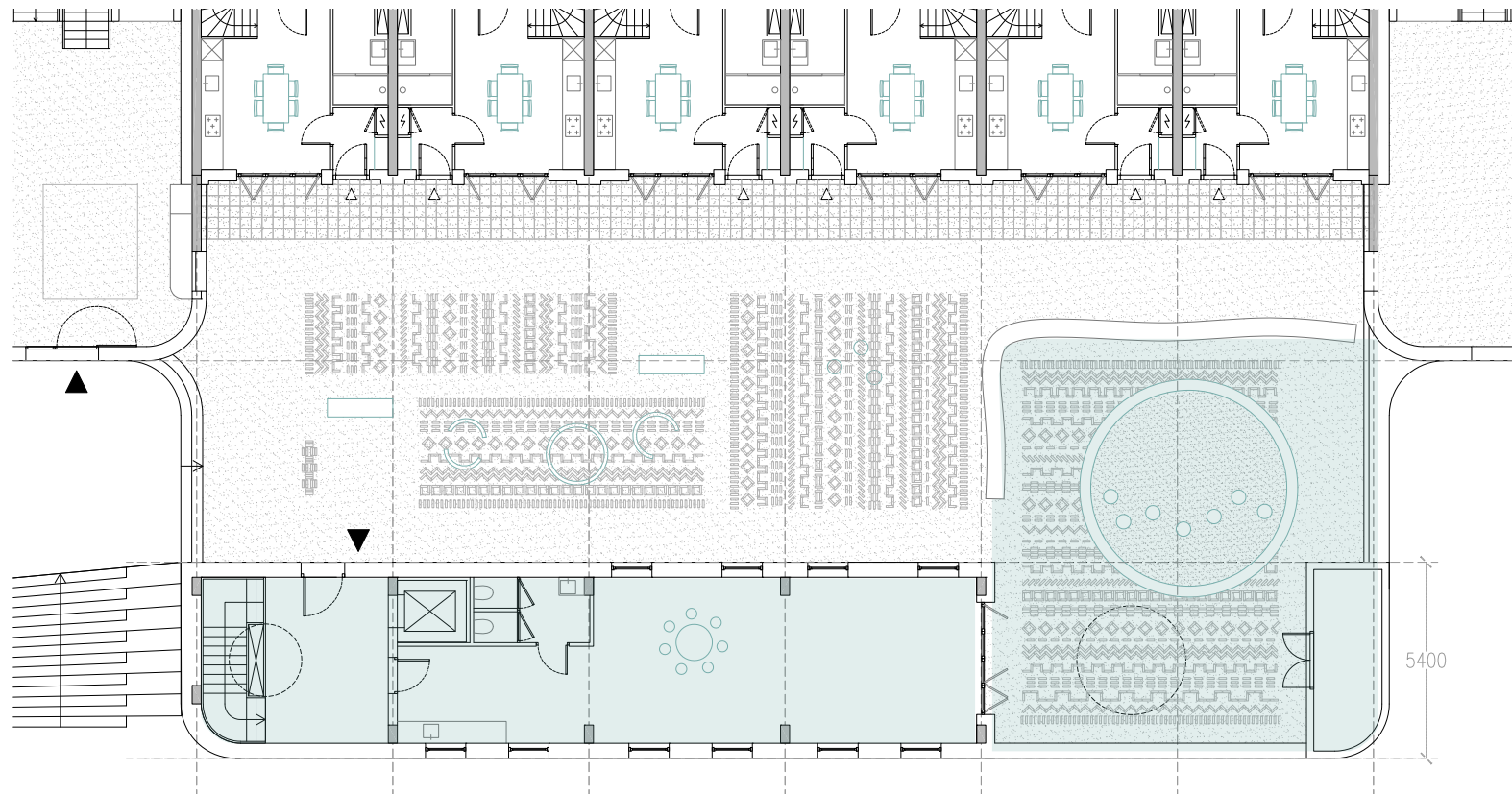
Design

First Floor



Design

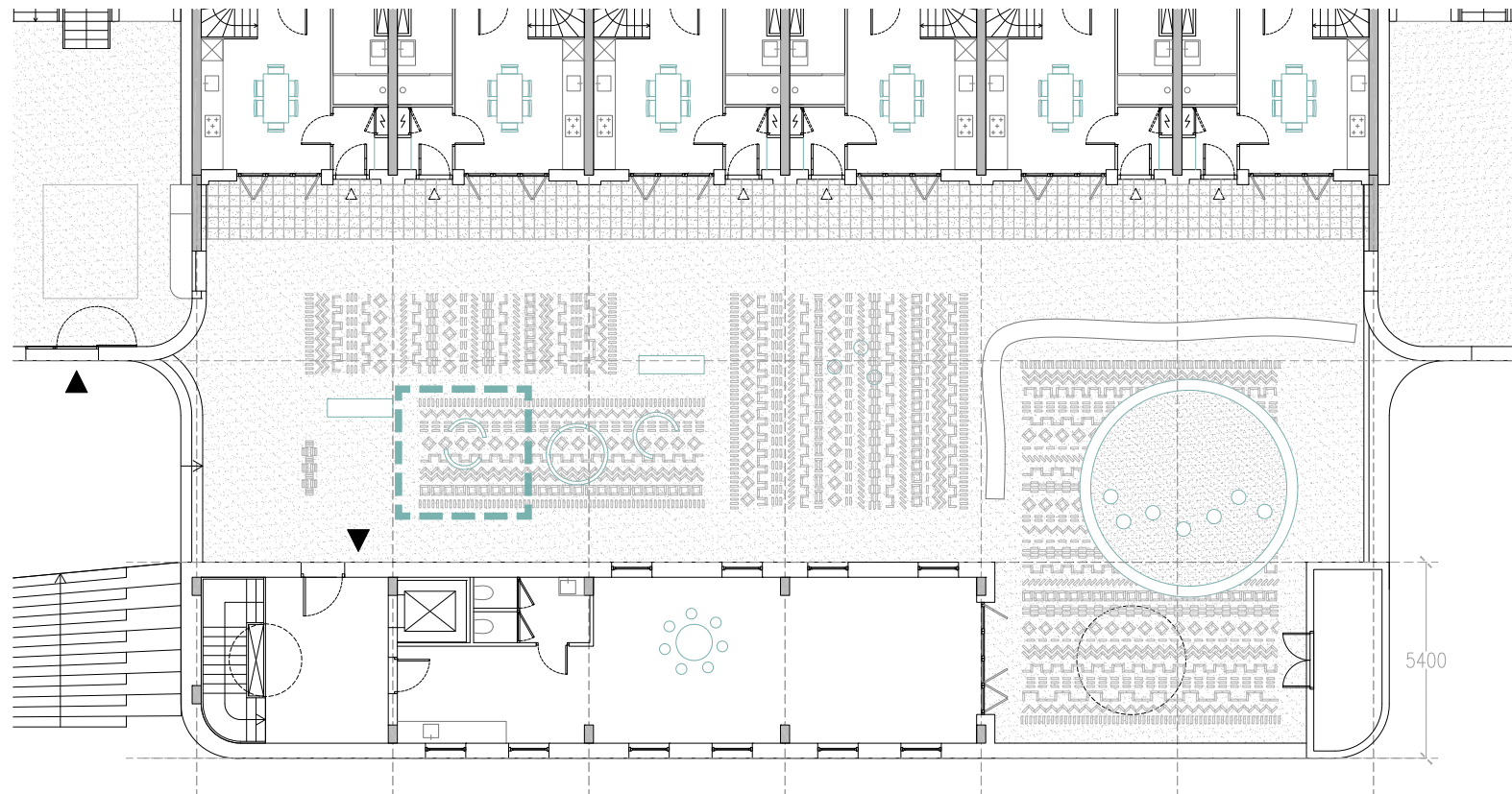
First Floor





Design

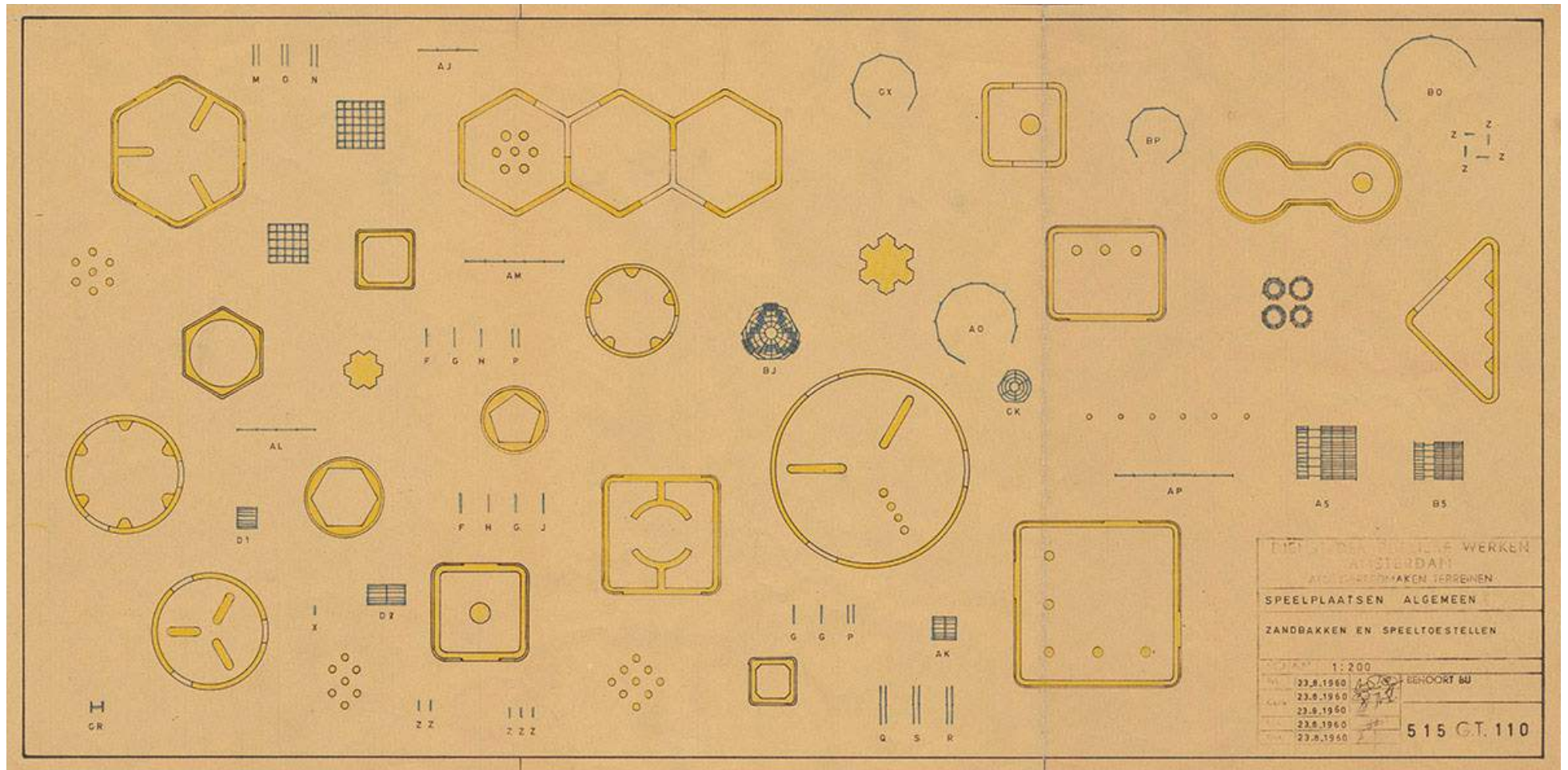
First Floor





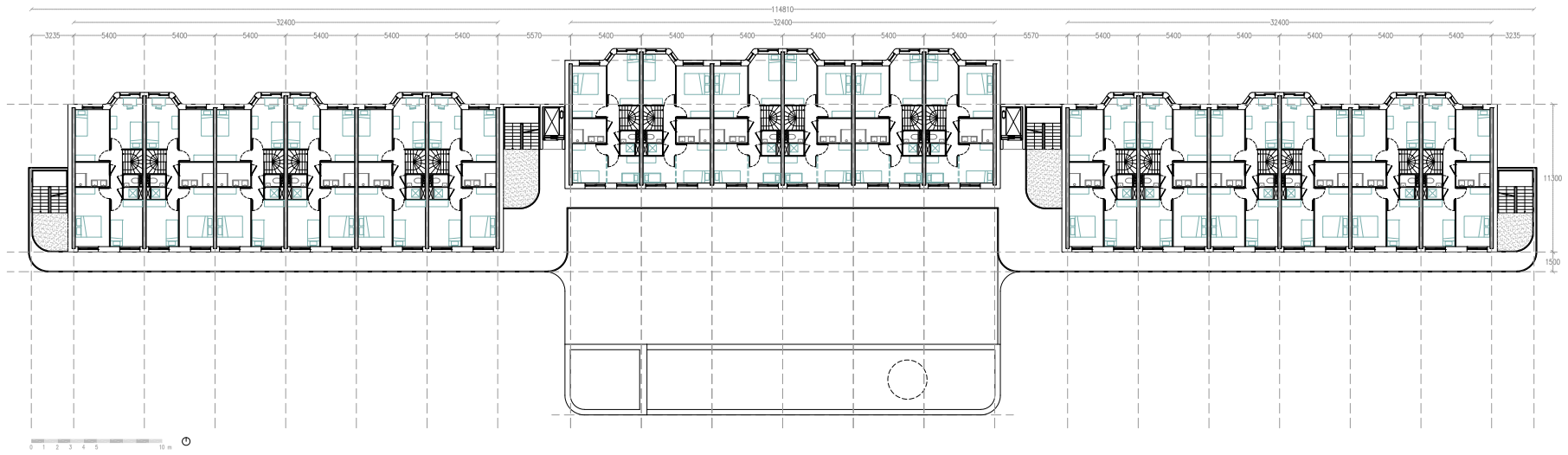
Design

Aldo van Eyck

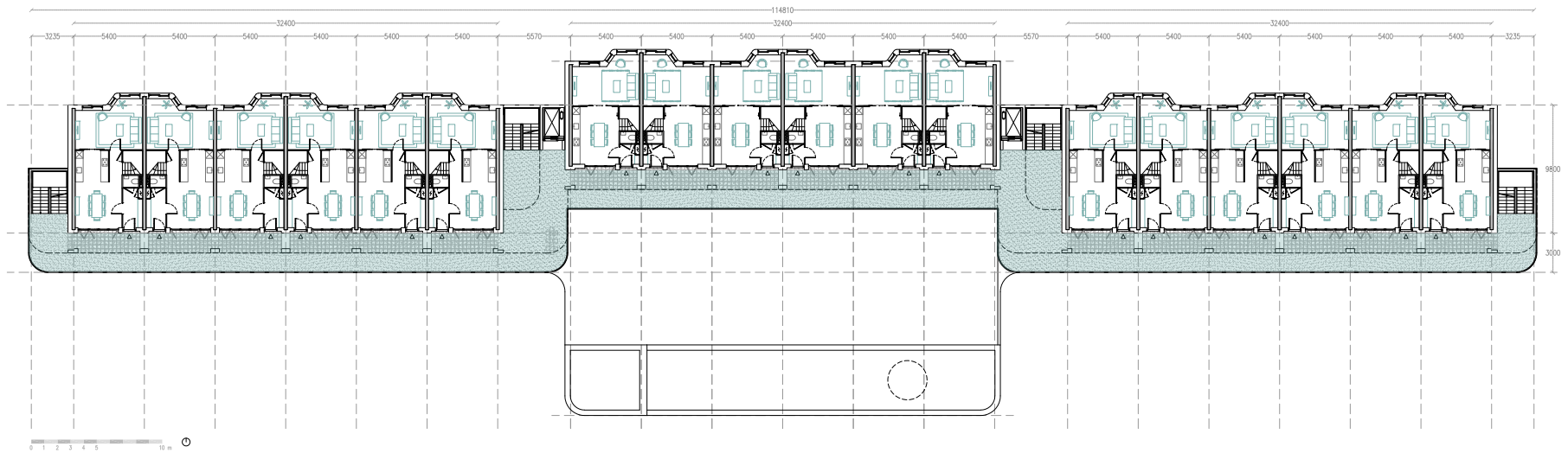


Design

Third Floor



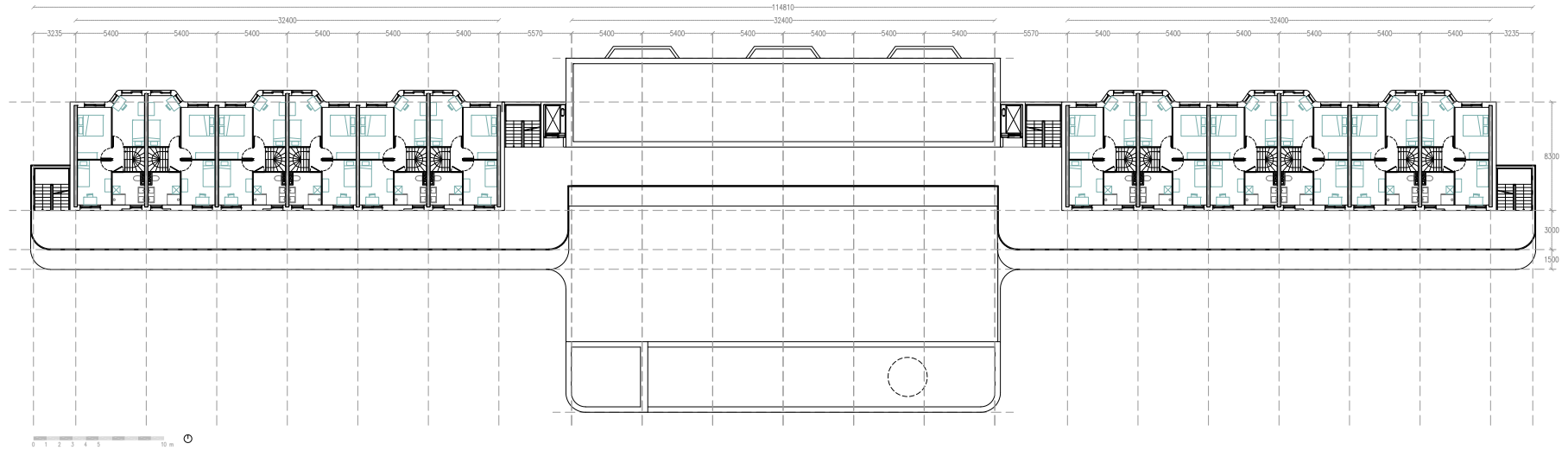
Second Floor



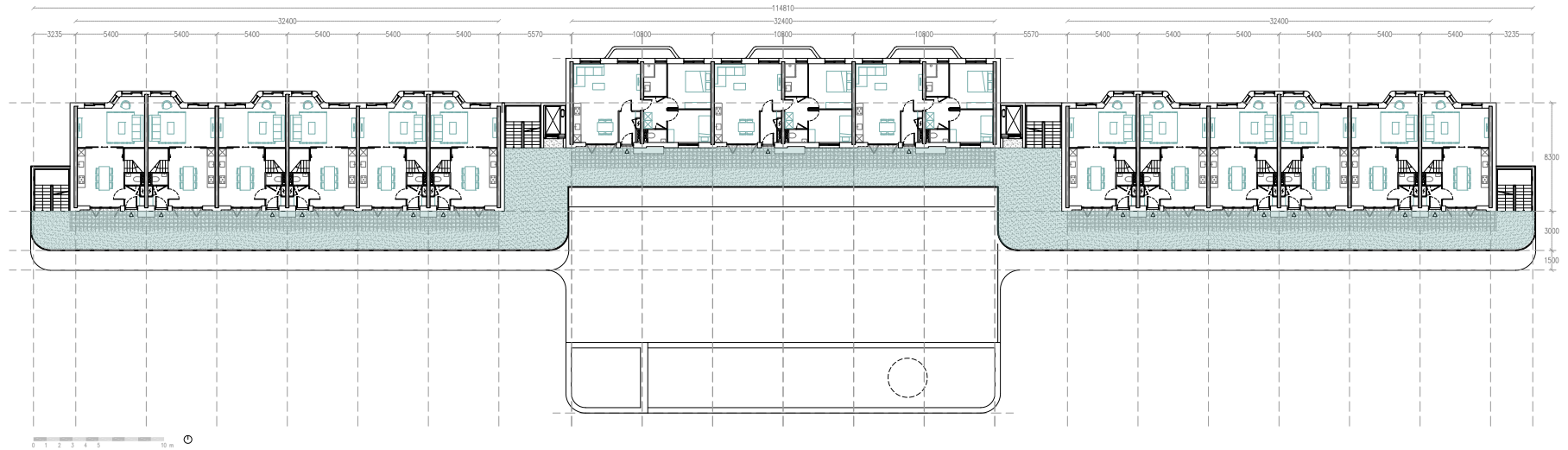


Design

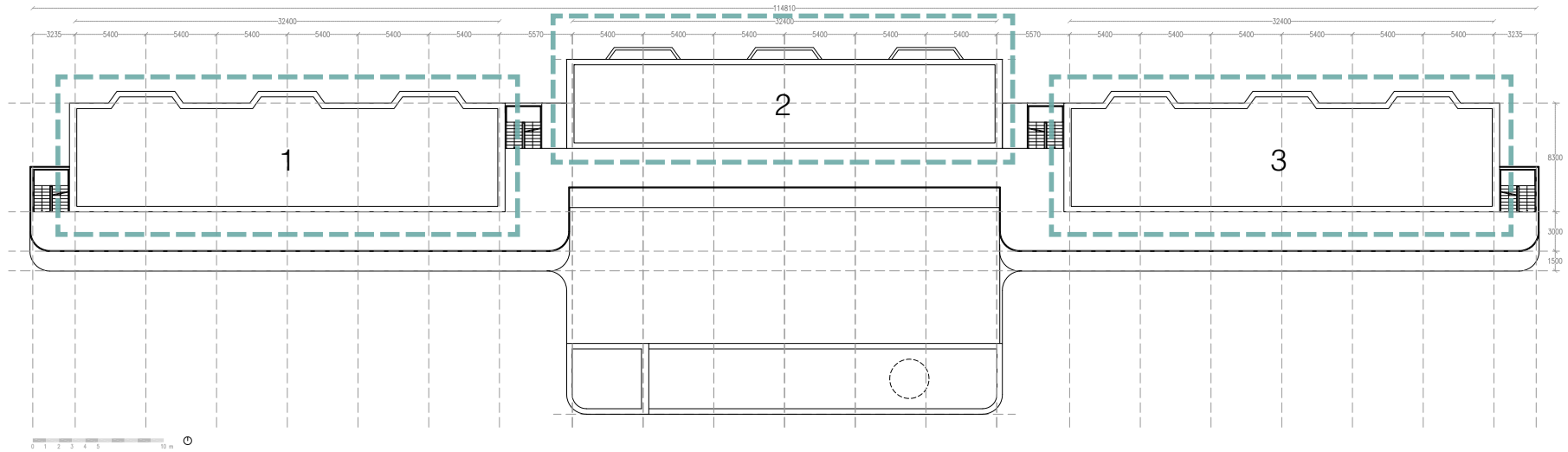
Fifth Floor



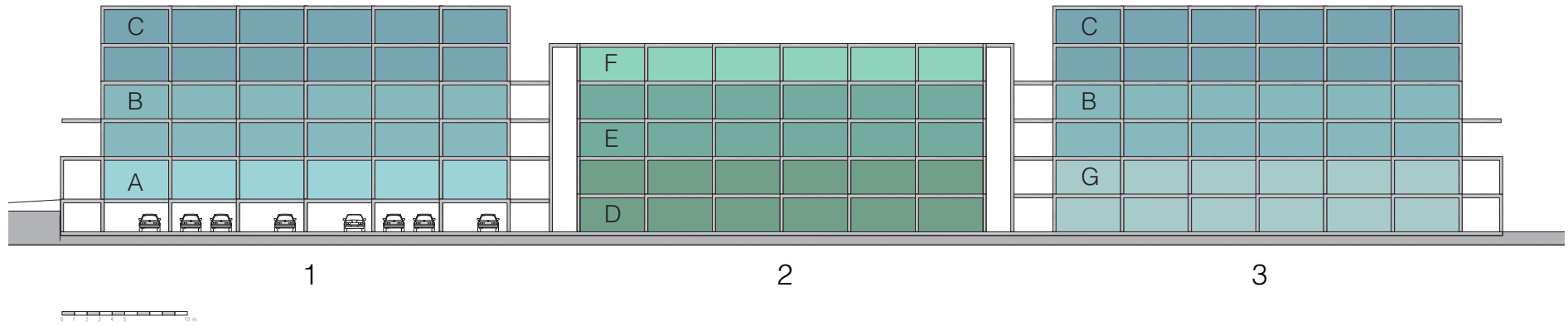
Fourth Floor



Design

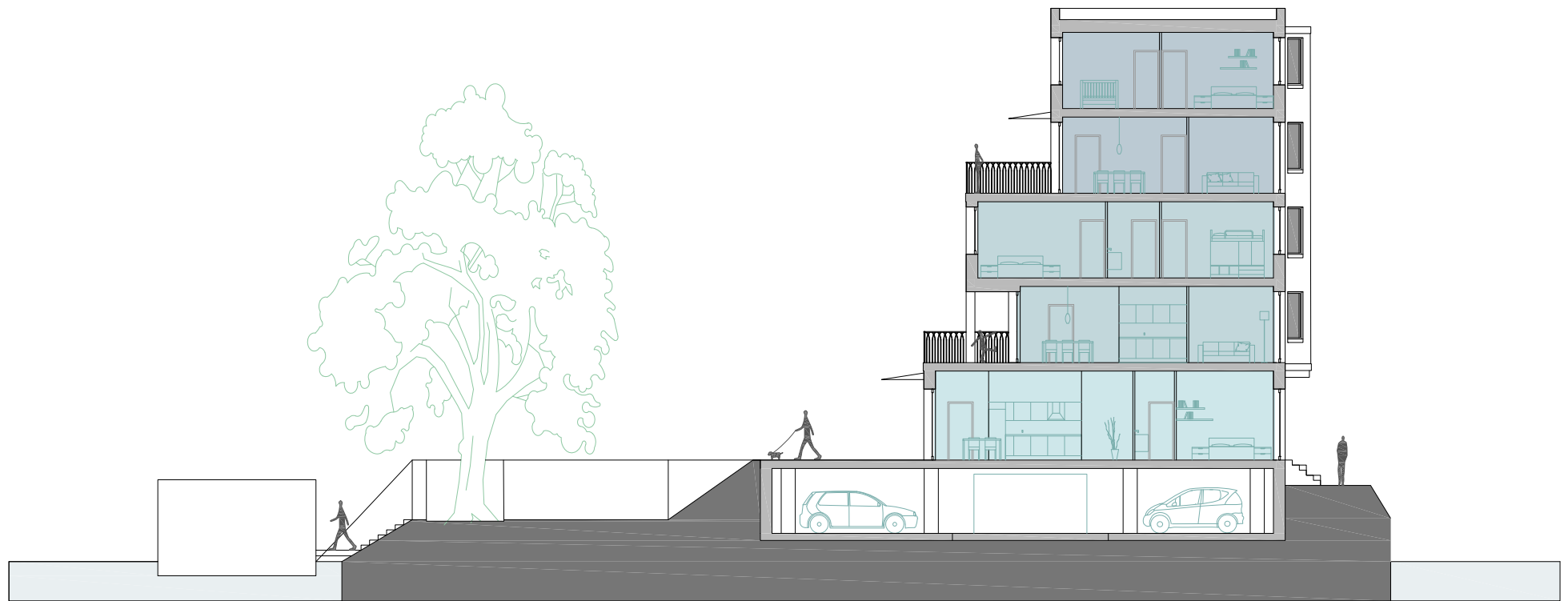


Design



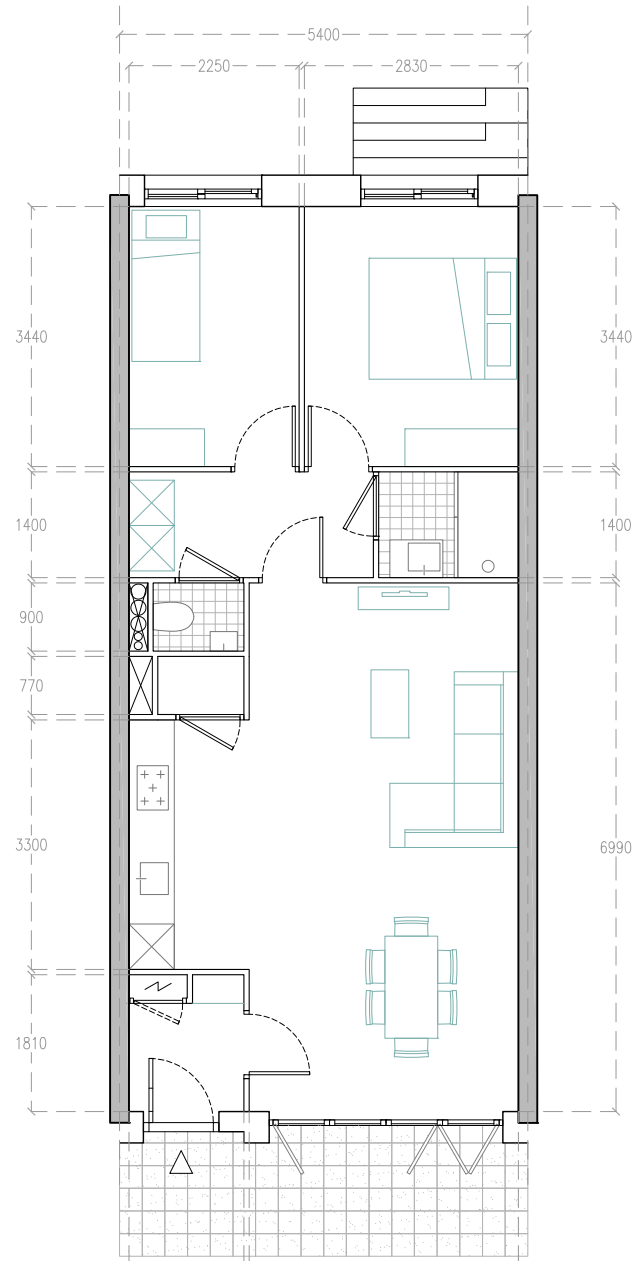
Design

Section 1



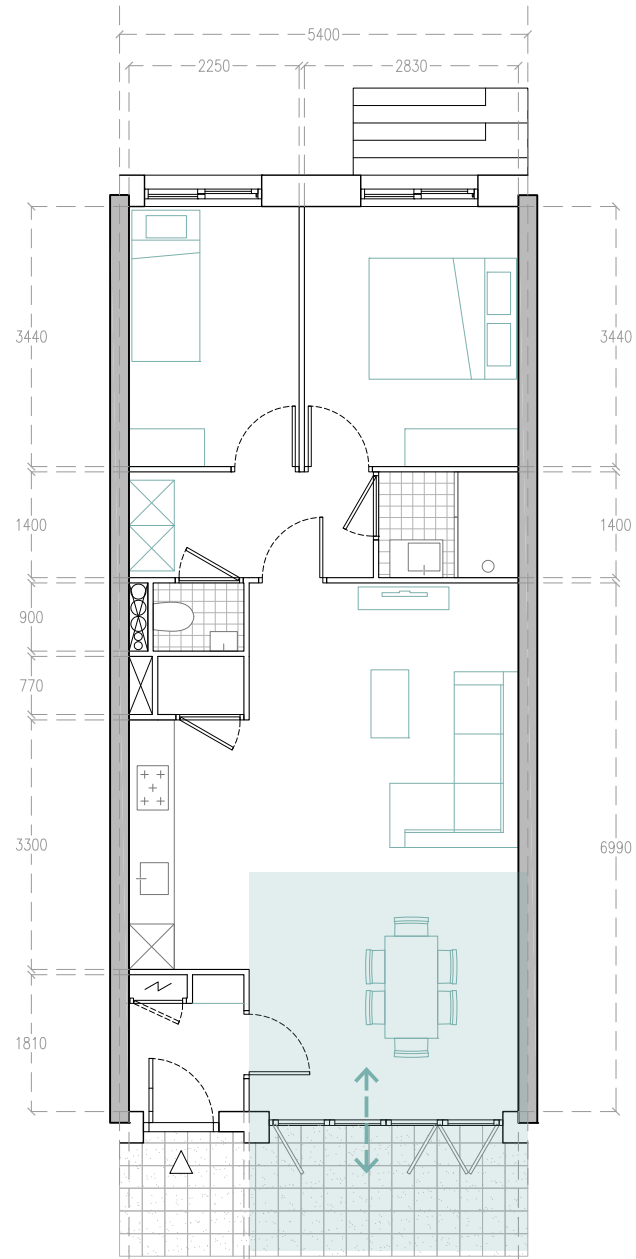
0 1 2 3 4 5 10 m

Design



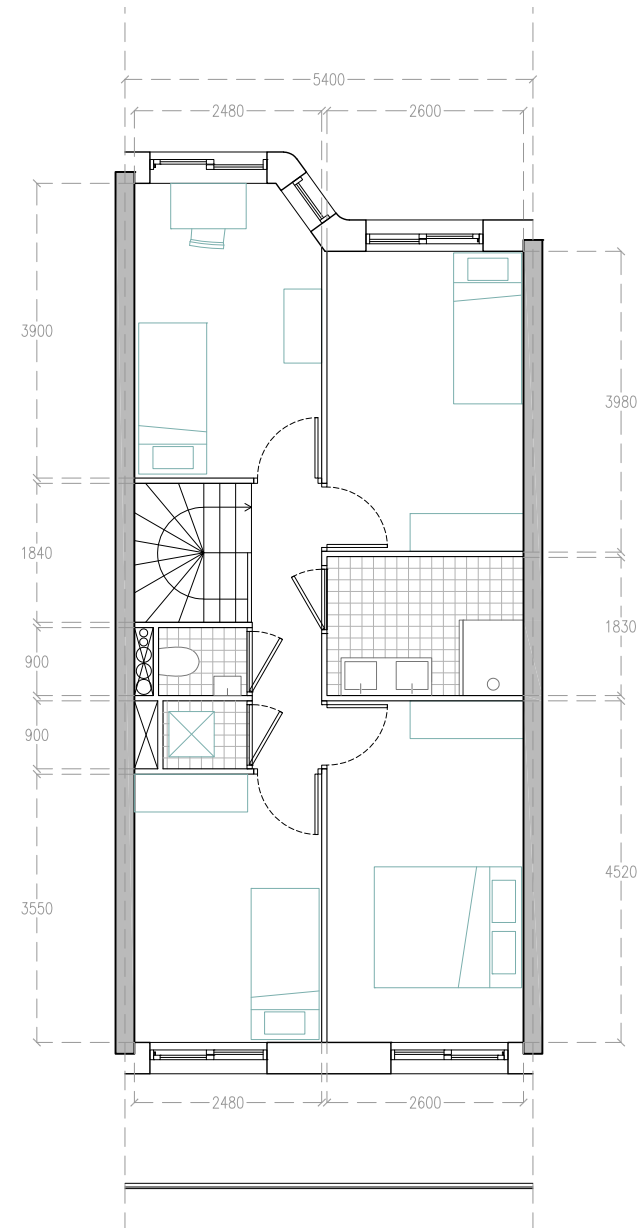
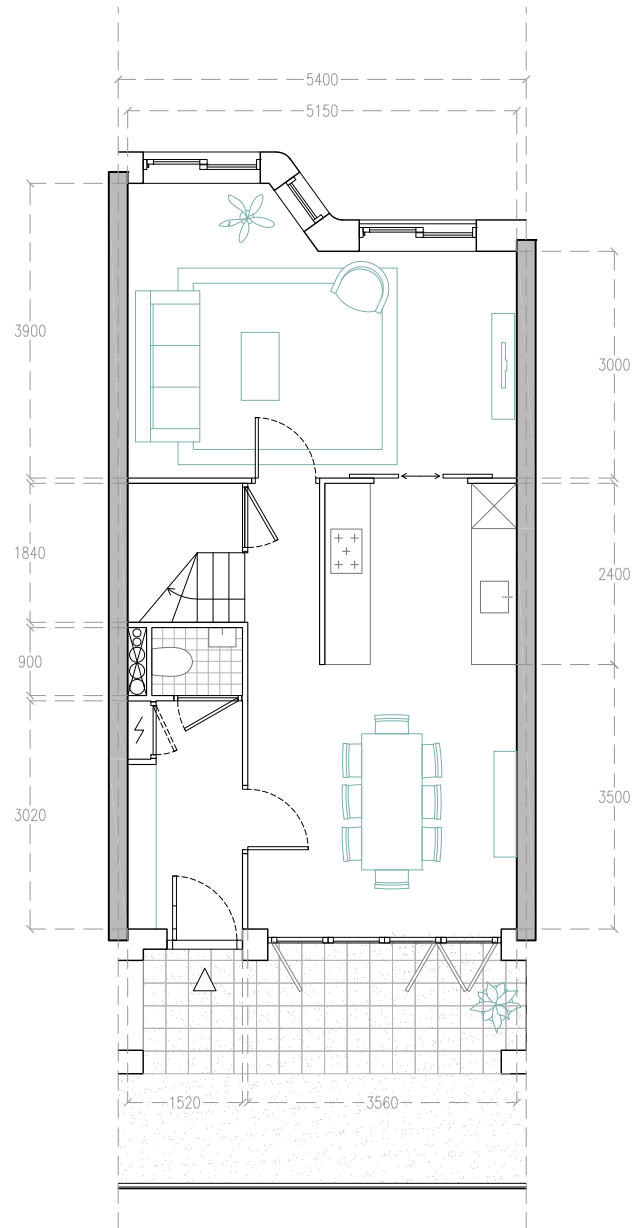
60 m²
2 bedrooms

Design



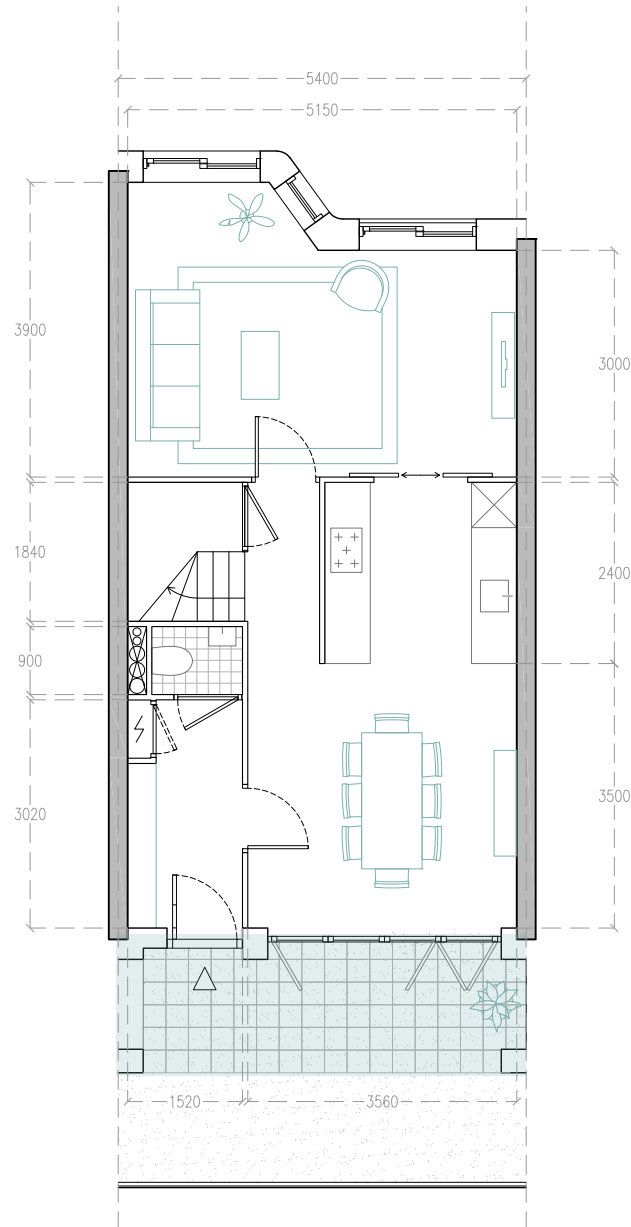
60 m²
2 bedrooms

Design



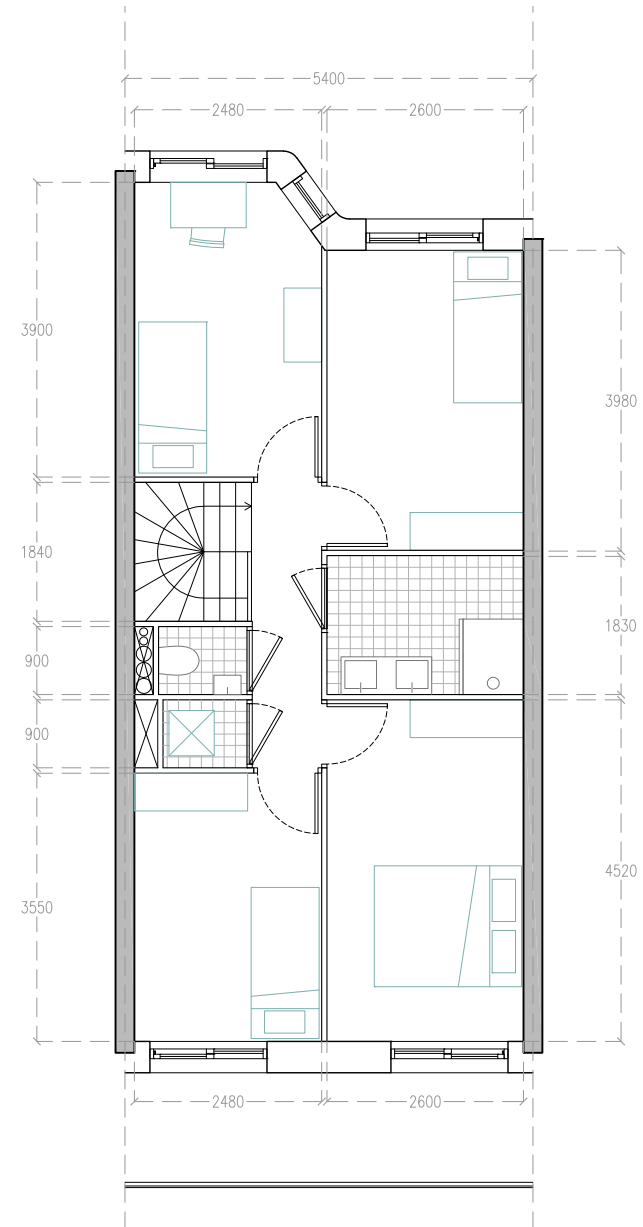
104 m²
4 bedrooms

Design

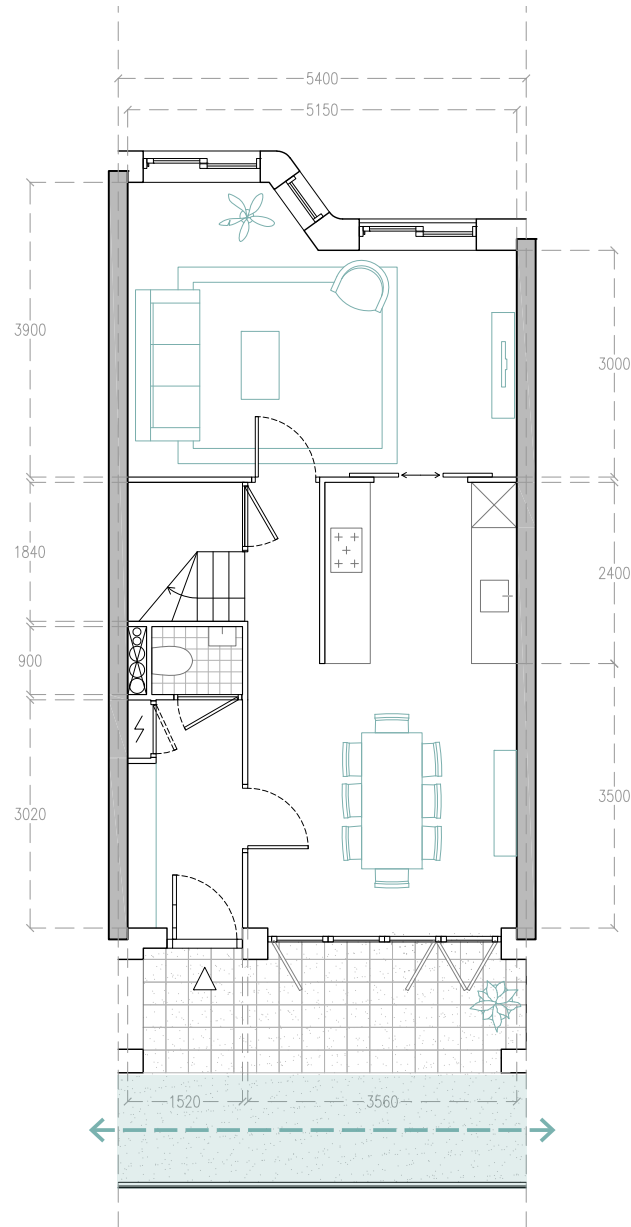


Private area

104 m²
4 bedrooms

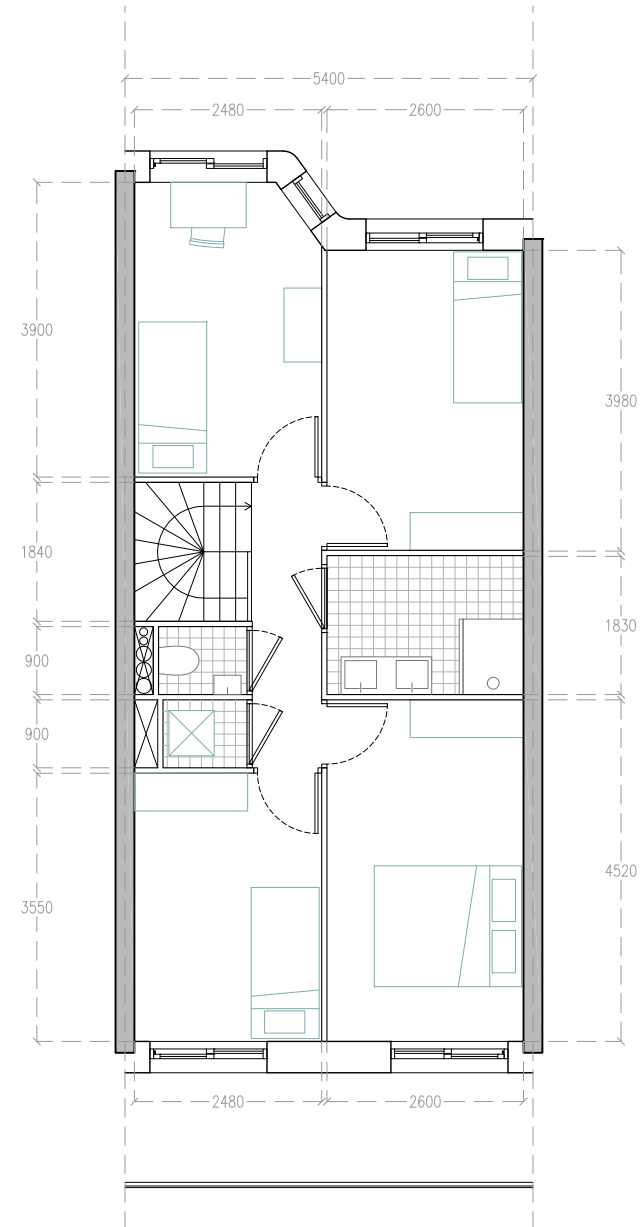


Design

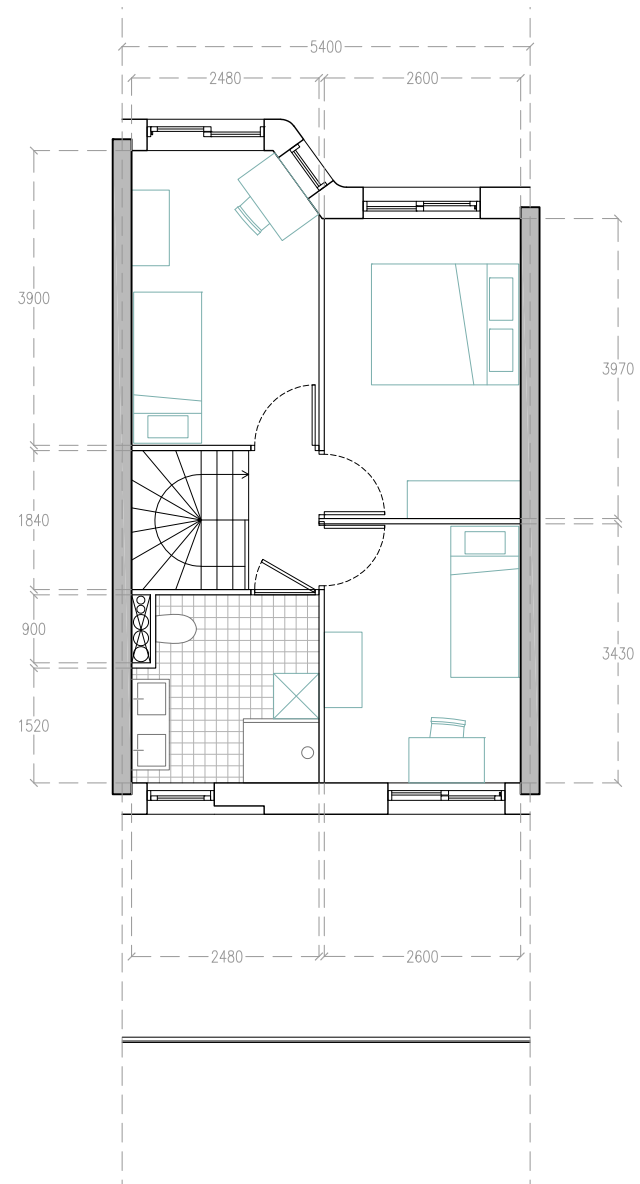
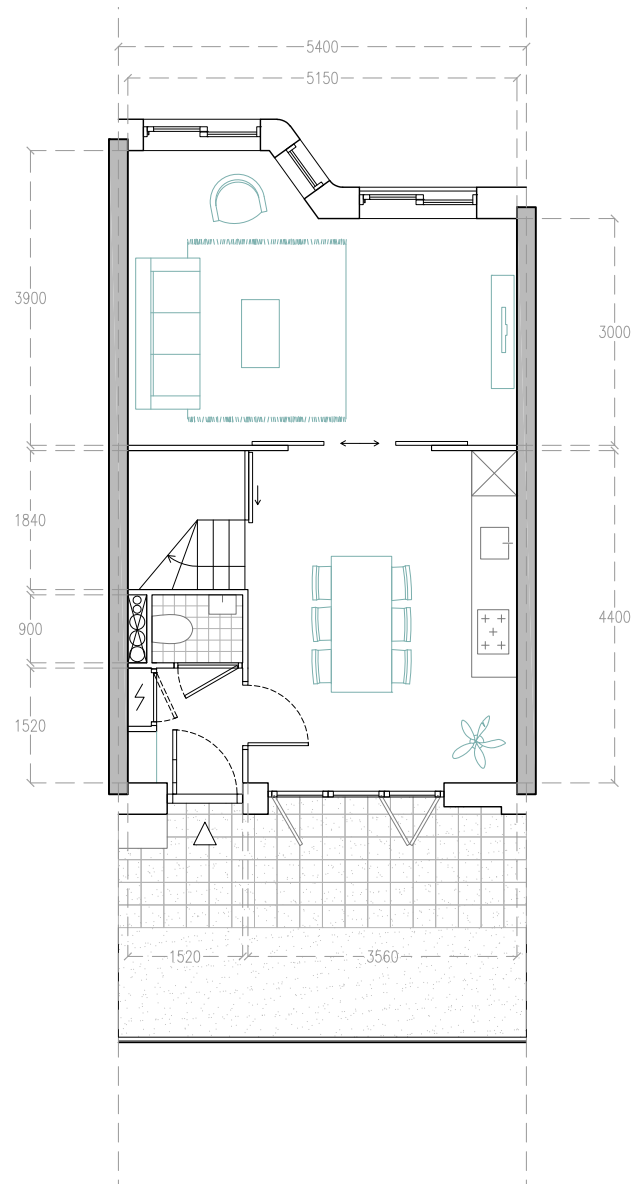


Collective street

104 m²
4 bedrooms

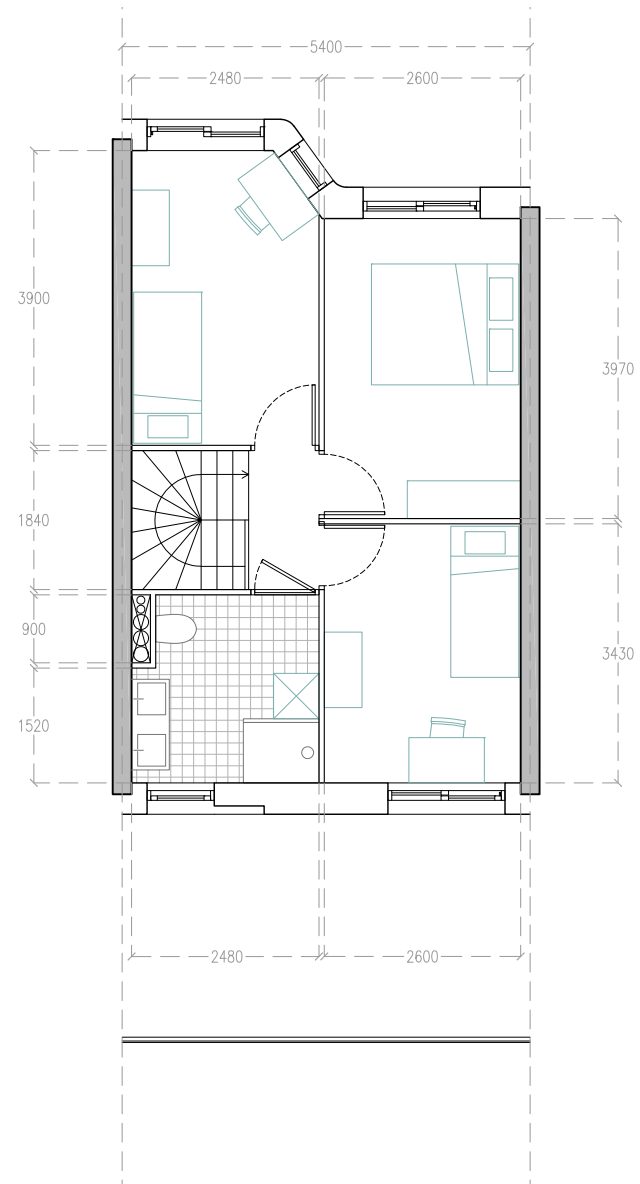
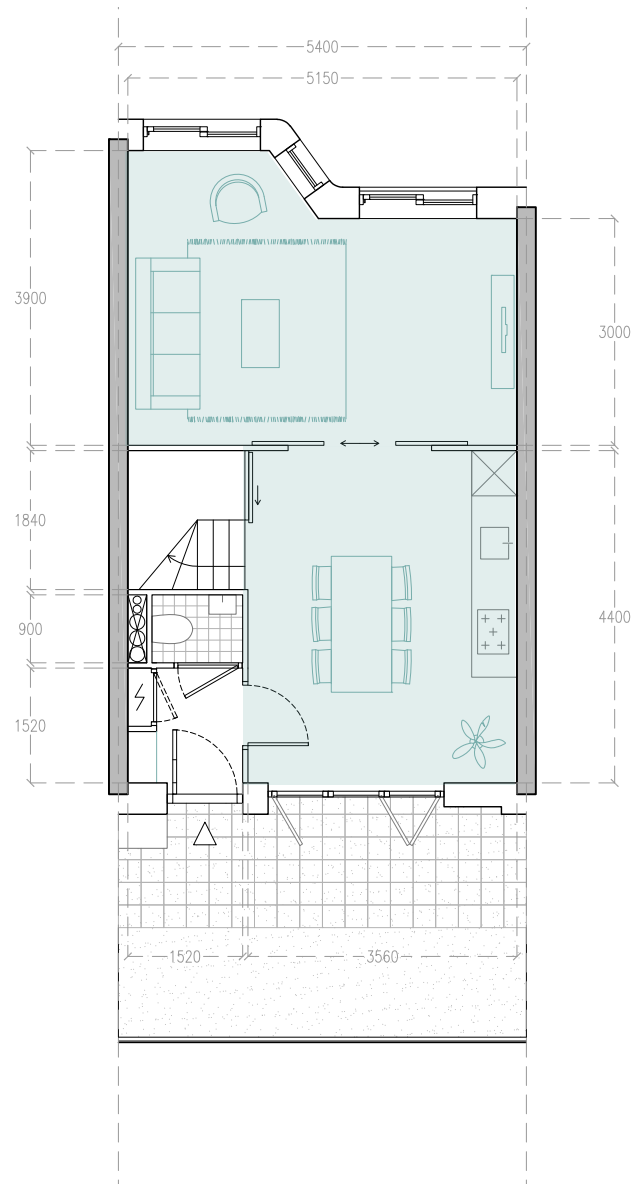


Design



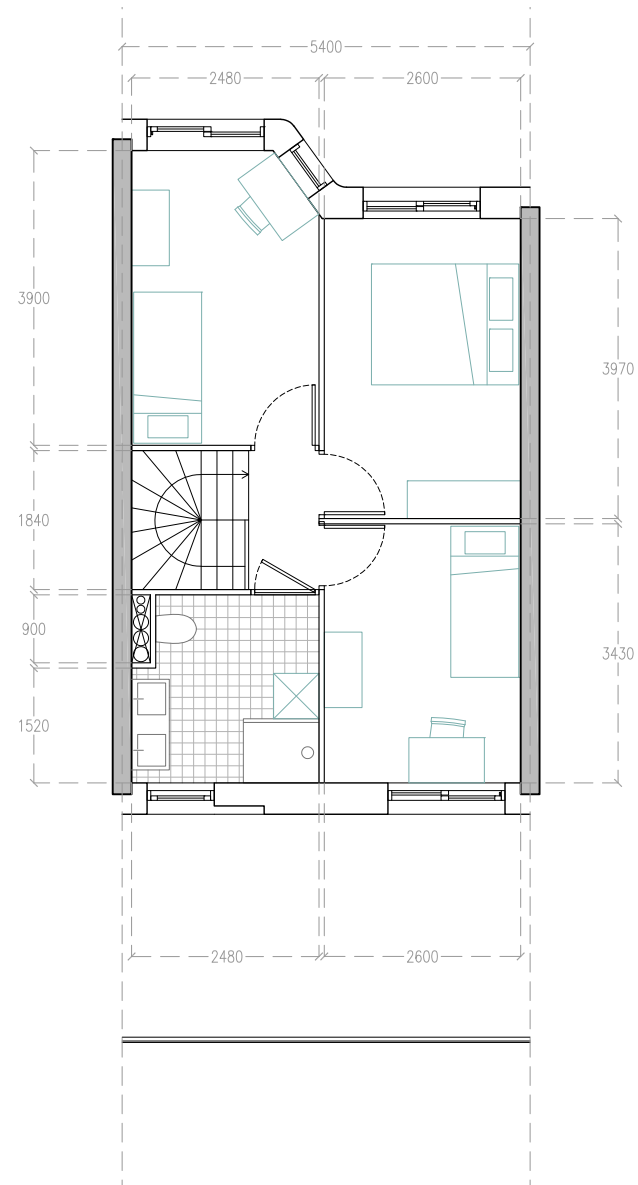
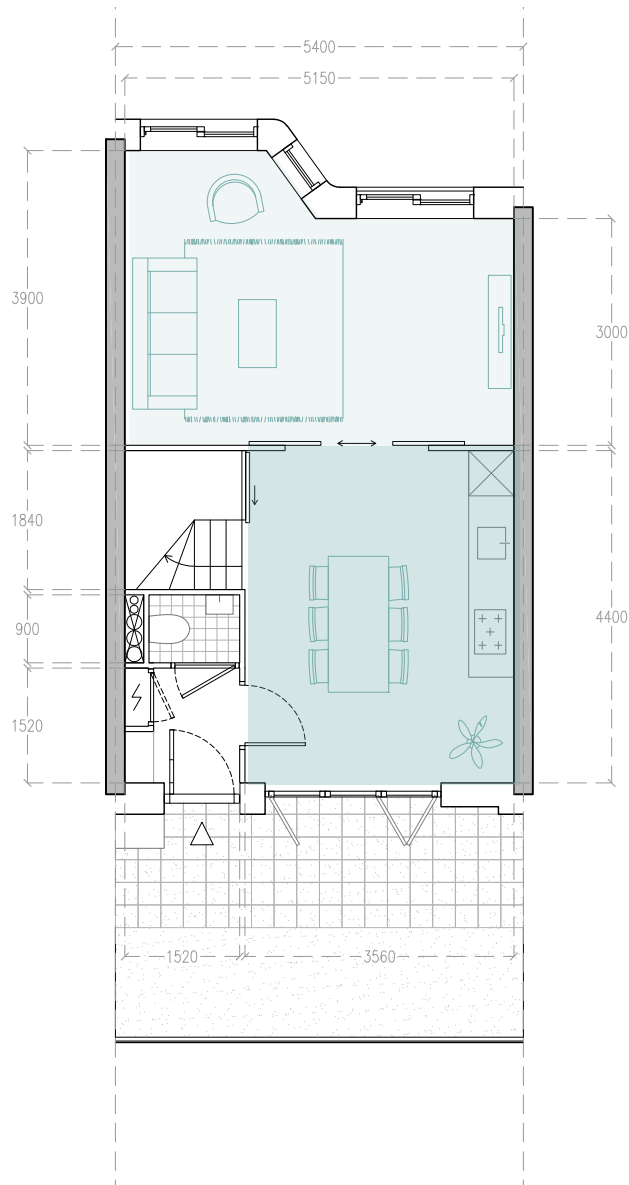
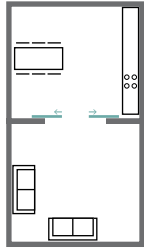
80 m²
3 bedrooms

Design



80 m²
3 bedrooms

Design



80 m²
3 bedrooms

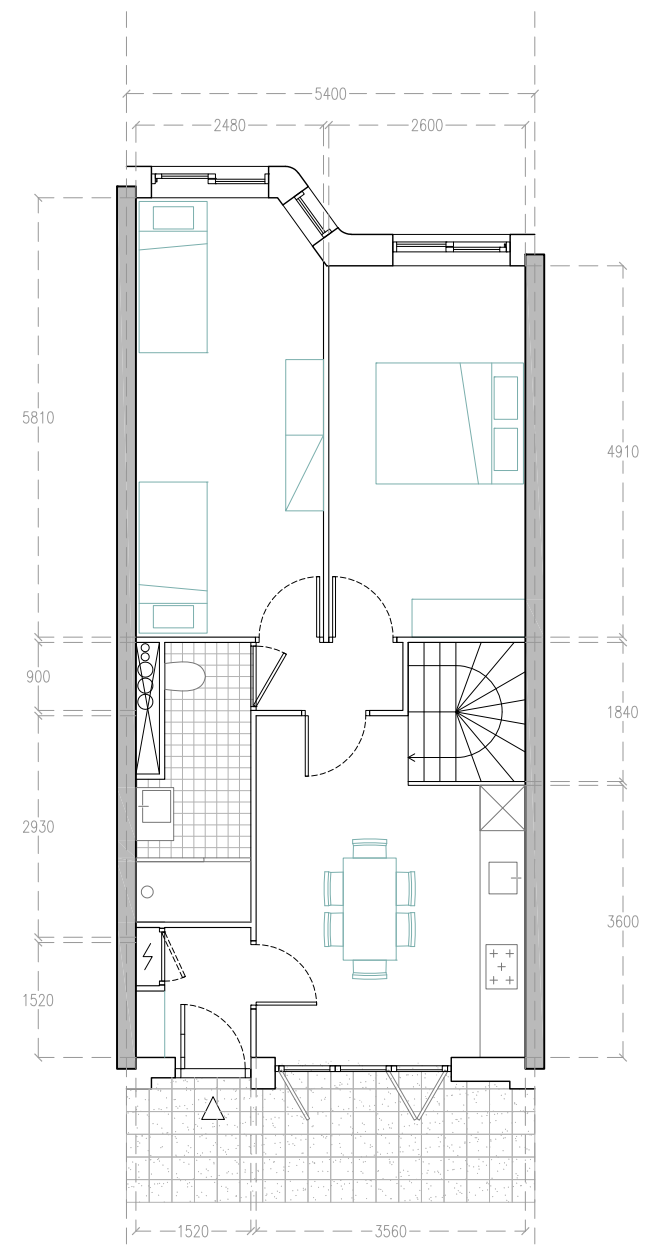
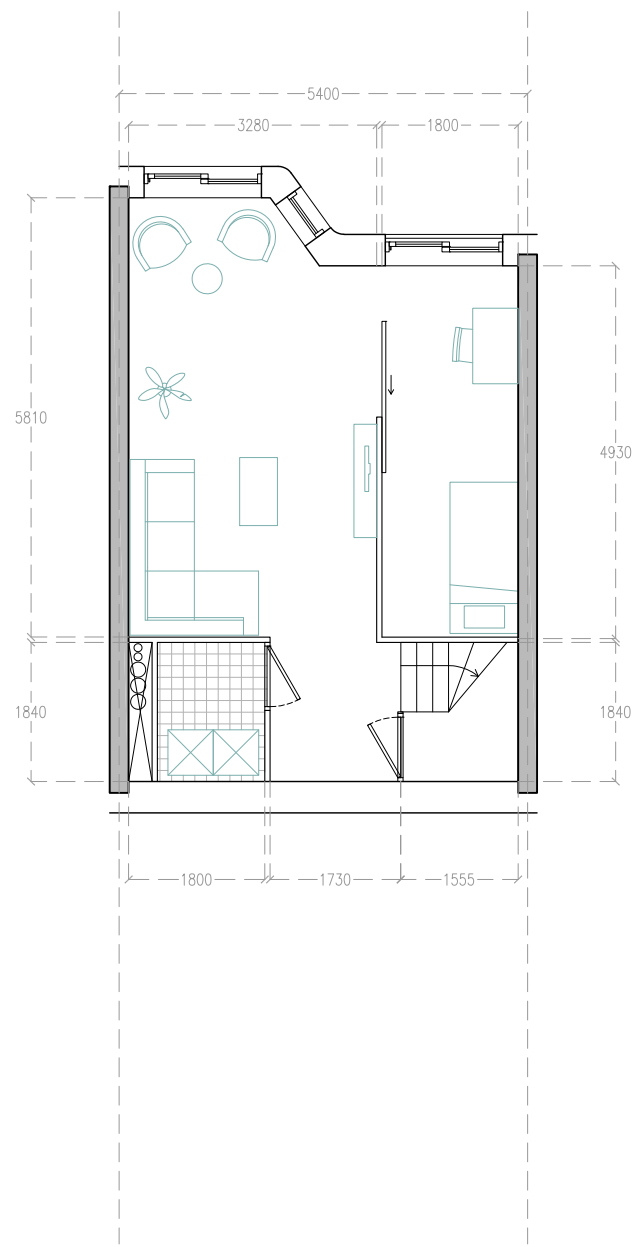
Design

Section 2



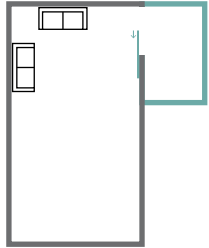
0 1 2 3 4 5 10 m

Design

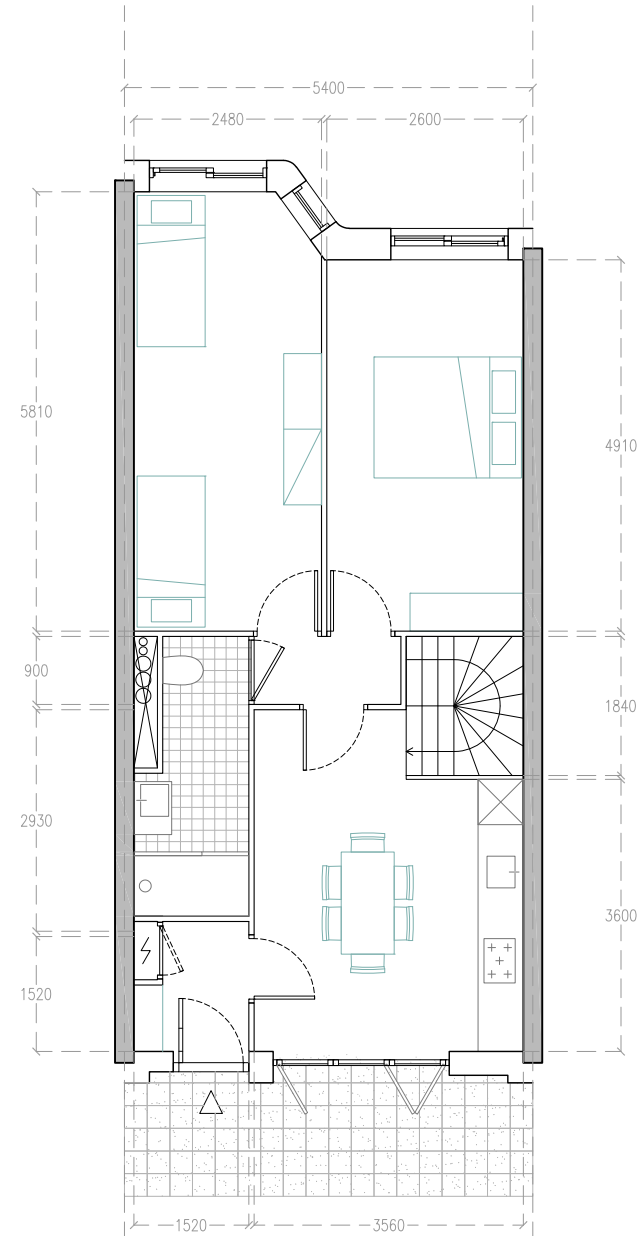
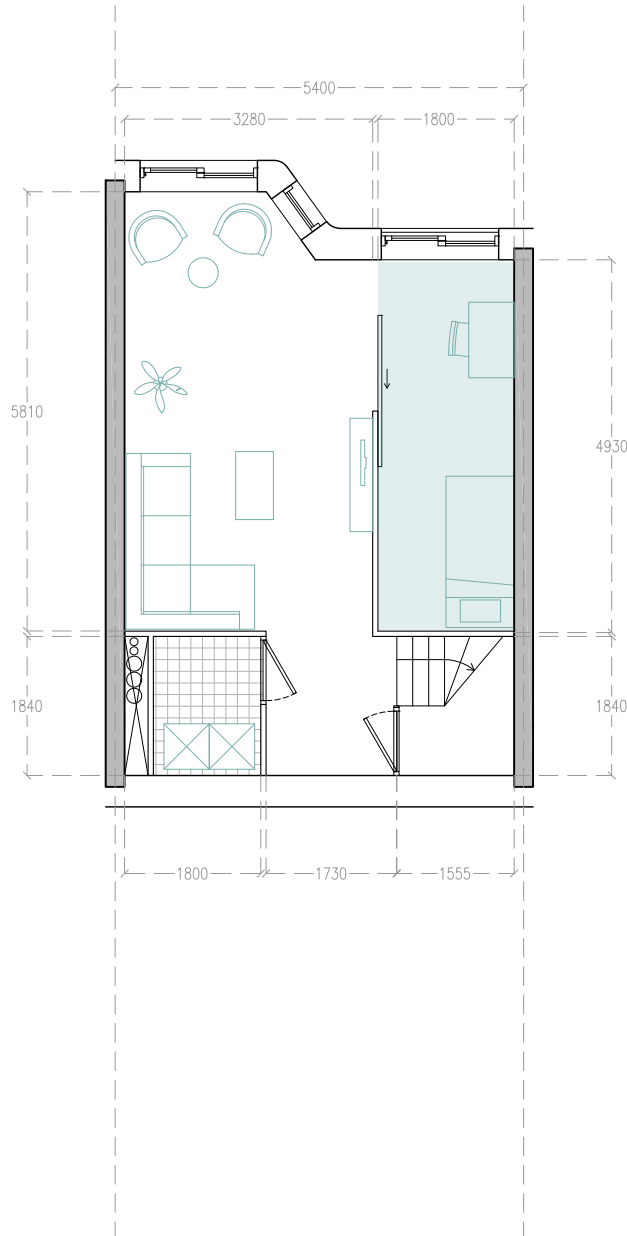


93 m²
2-3 bedrooms

Design

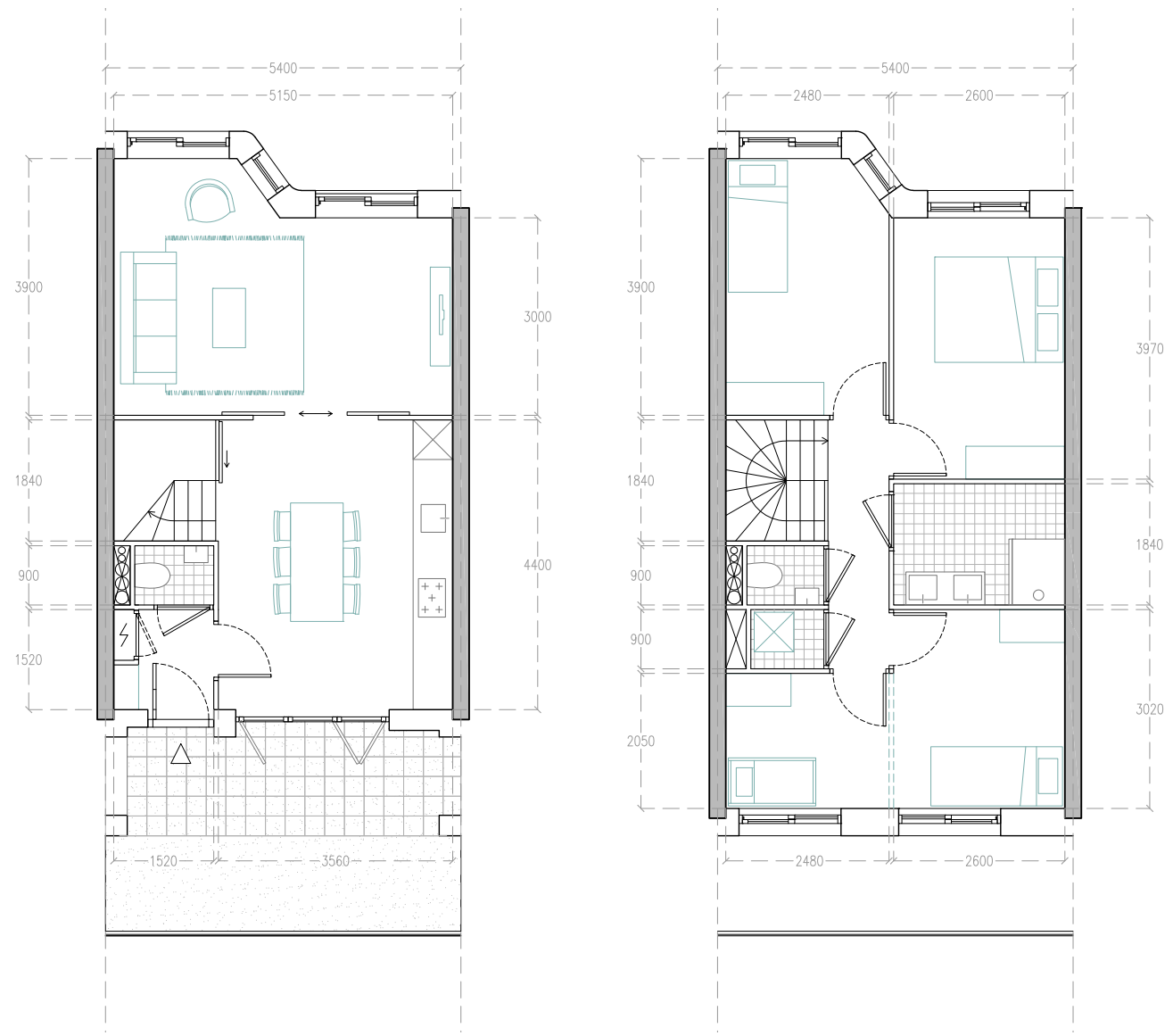


Annex room



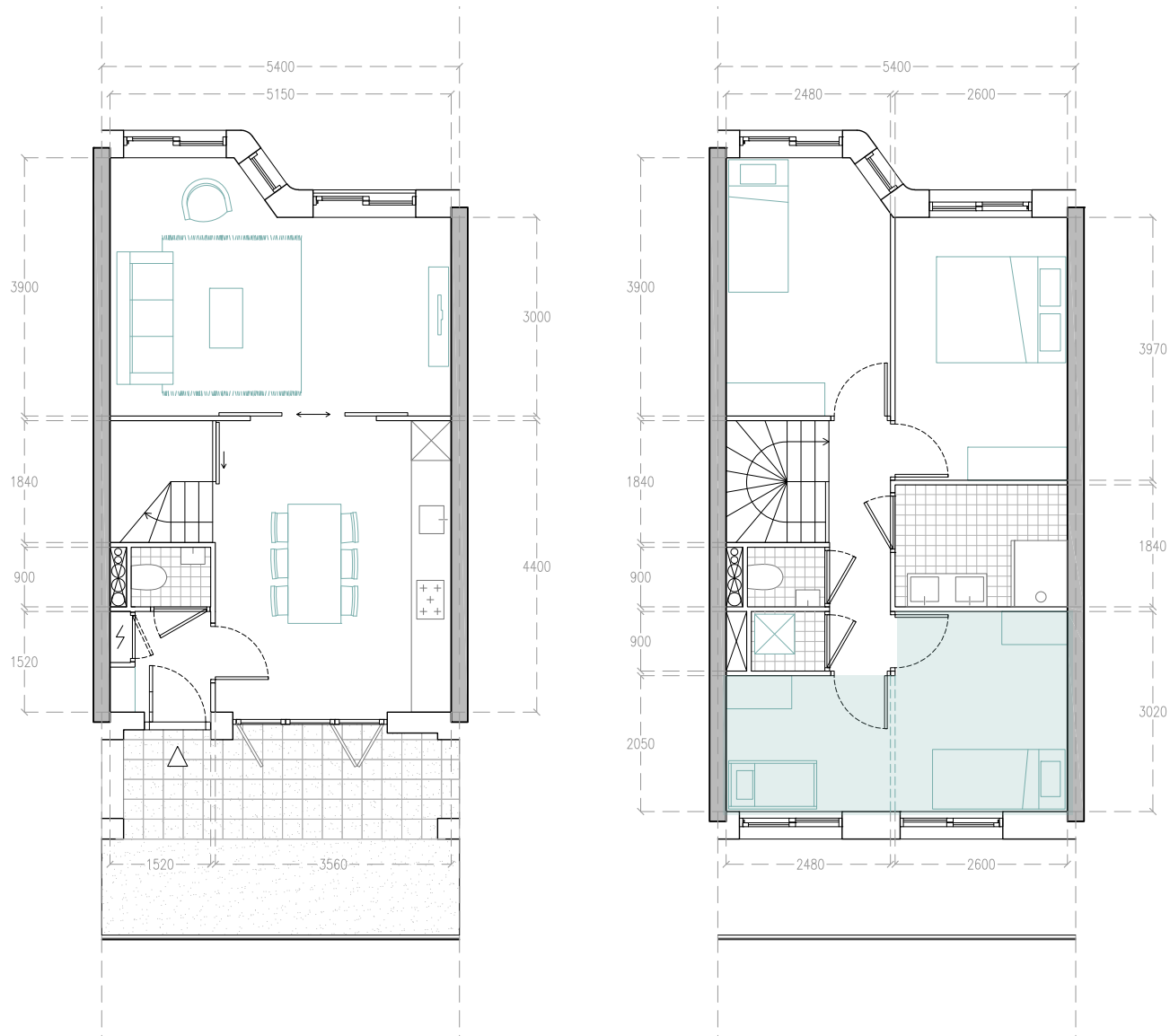
93 m²
2-3 bedrooms

Design



88 m²
3-4 bedrooms

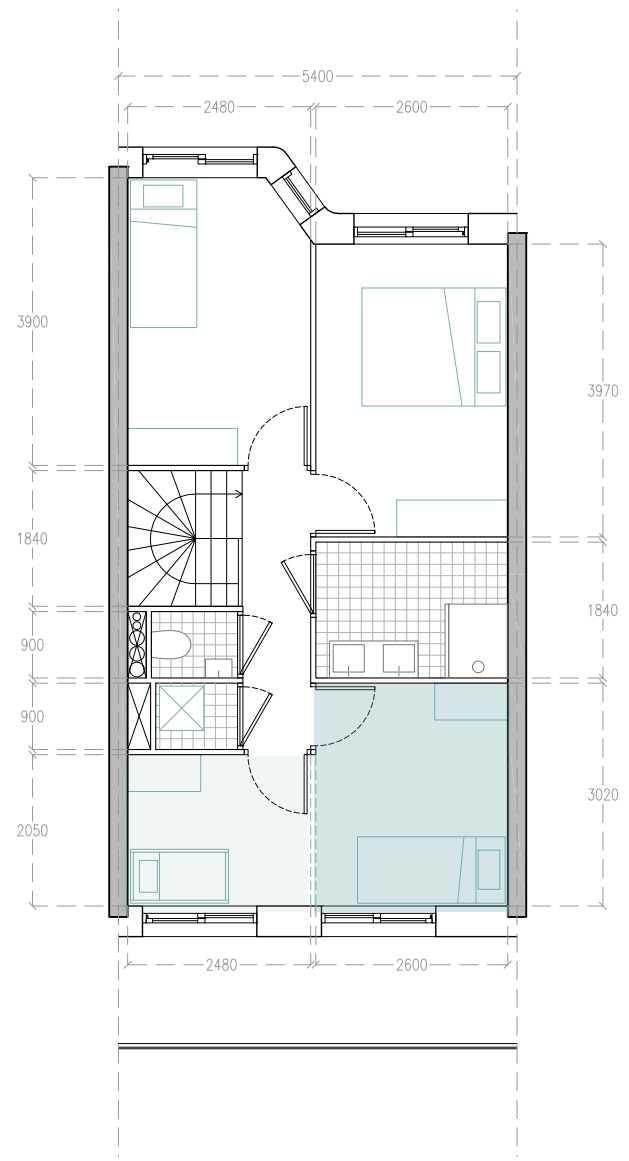
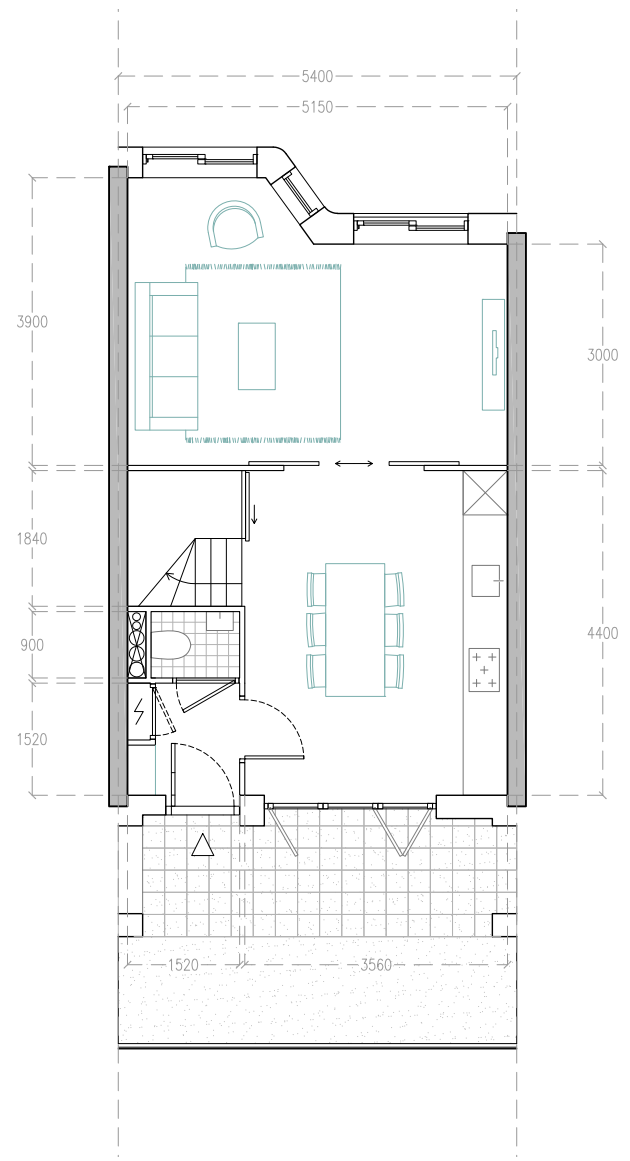
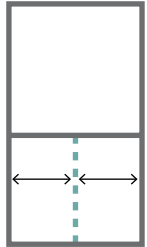
Design



88 m²

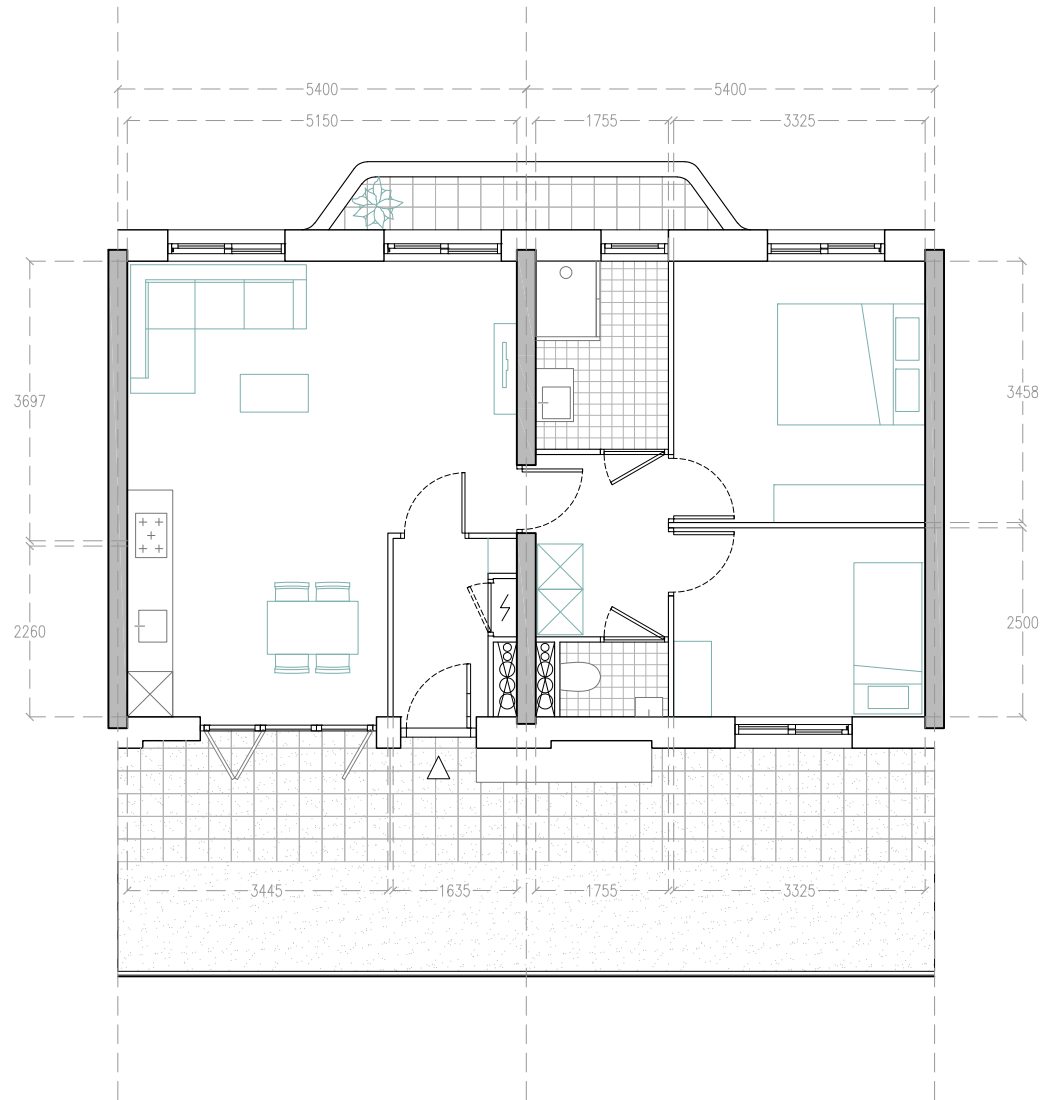
3-4 bedrooms

Design



88 m²
3-4 bedrooms

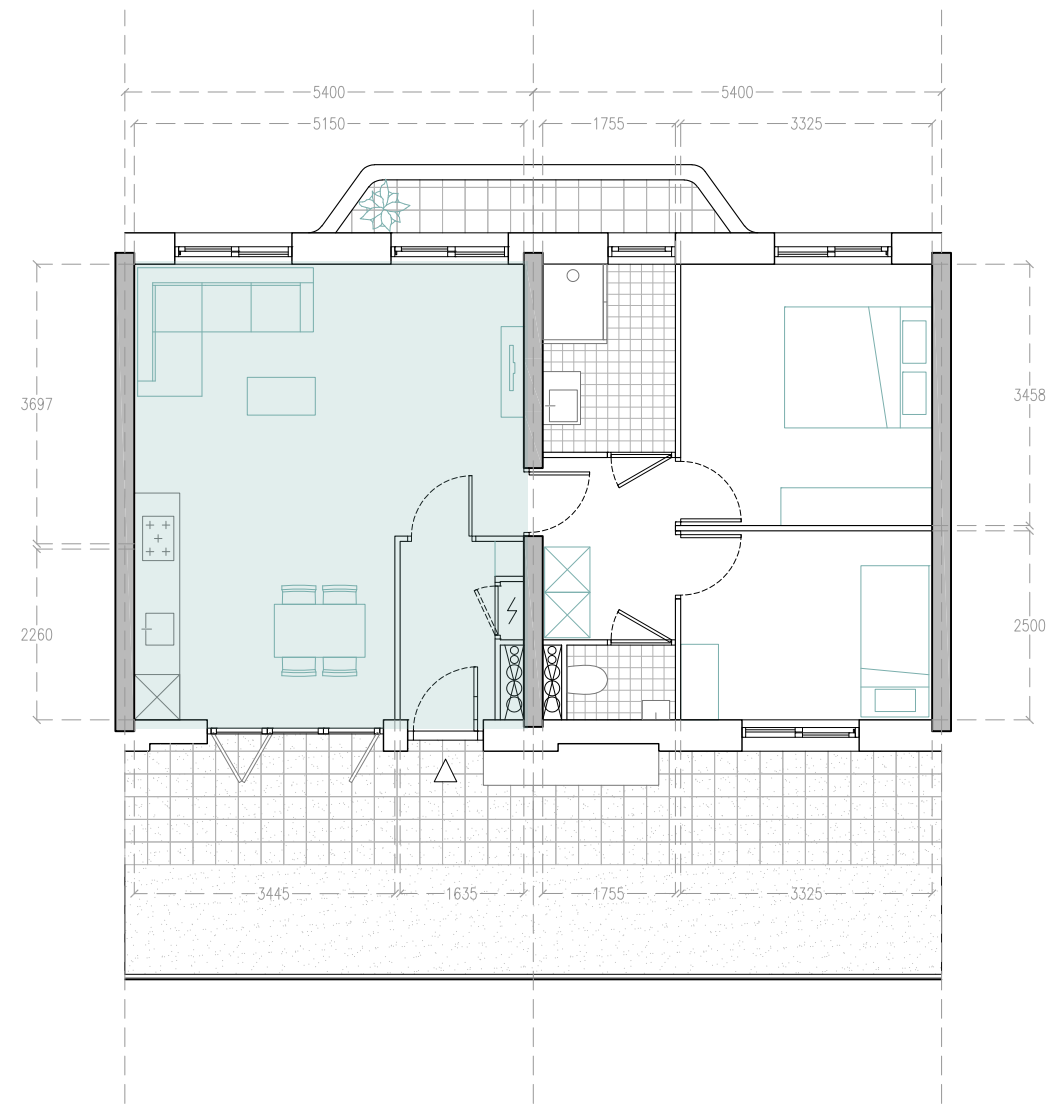
Design



63 m²
2 bedrooms

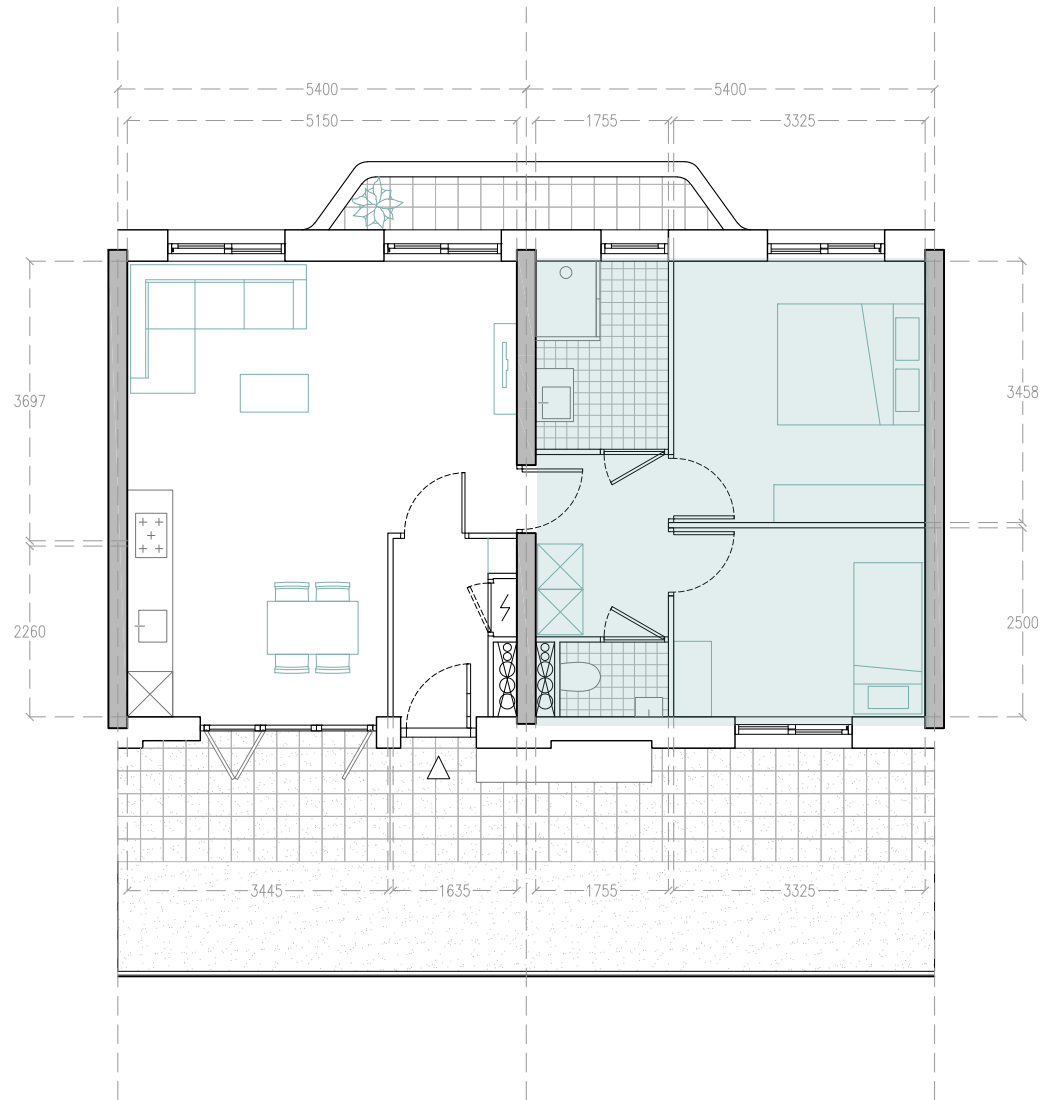
Design

Representative



63 m²
2 bedrooms

Design



Private

63 m²
2 bedrooms

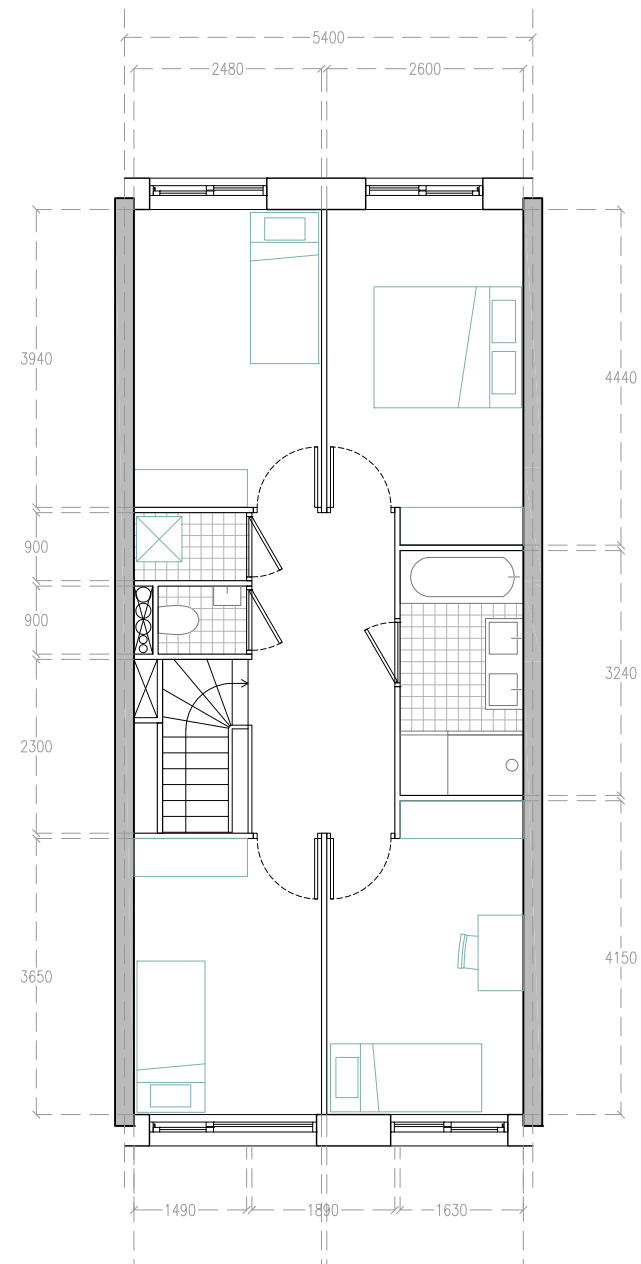
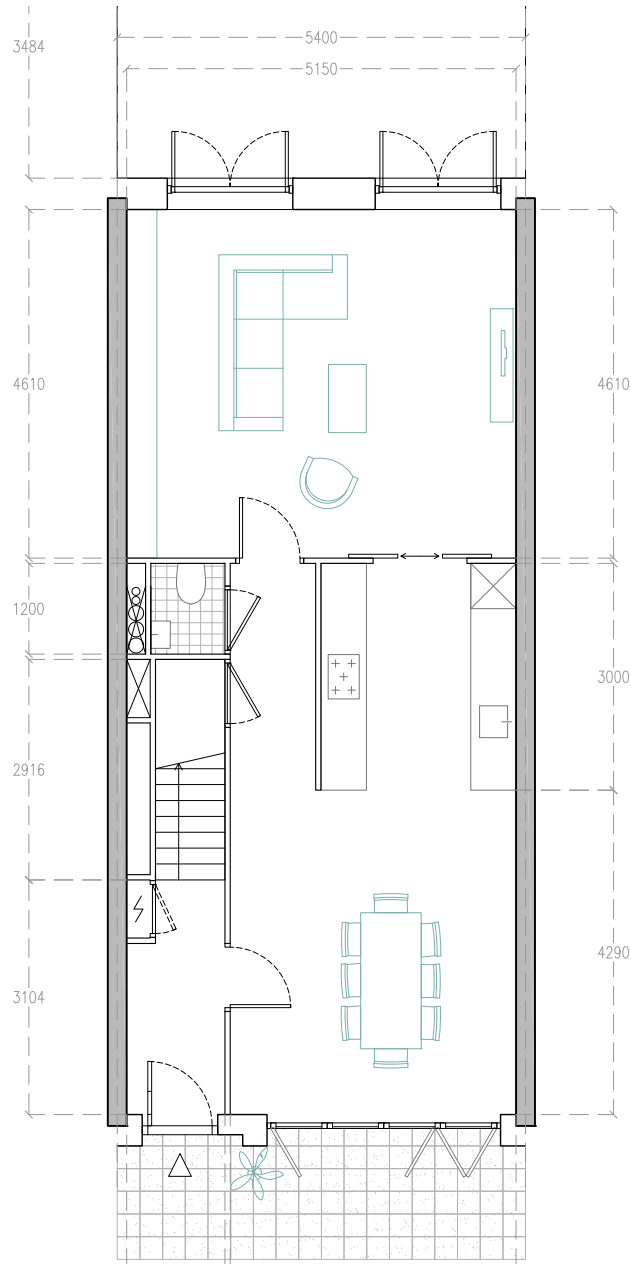
Design

Section 3



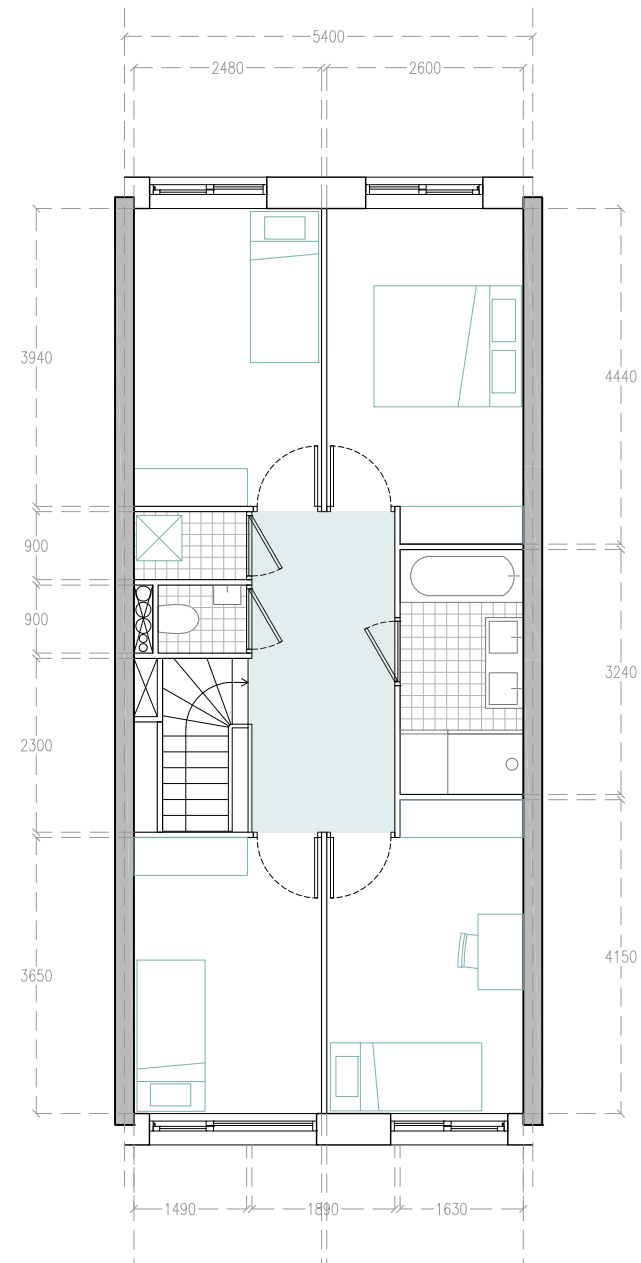
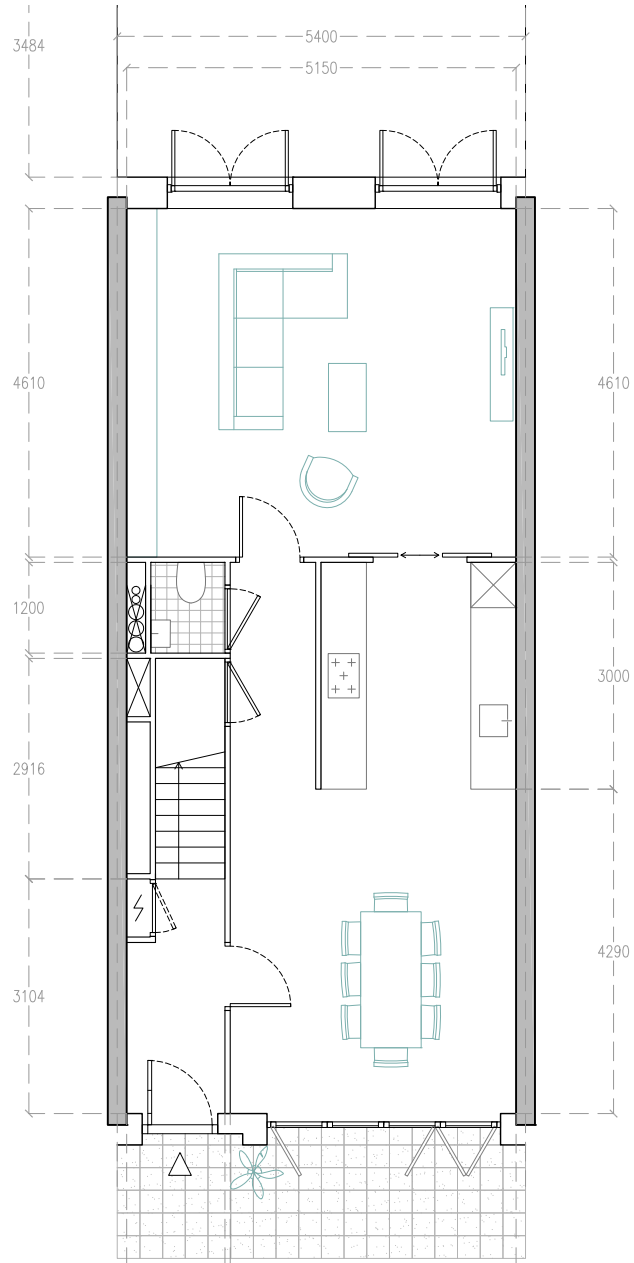
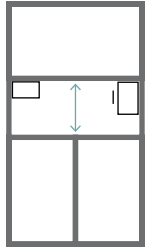
0 1 2 3 4 5 10 m

Design



120 m²
4 bedrooms

Design



120 m²
4 bedrooms

Design



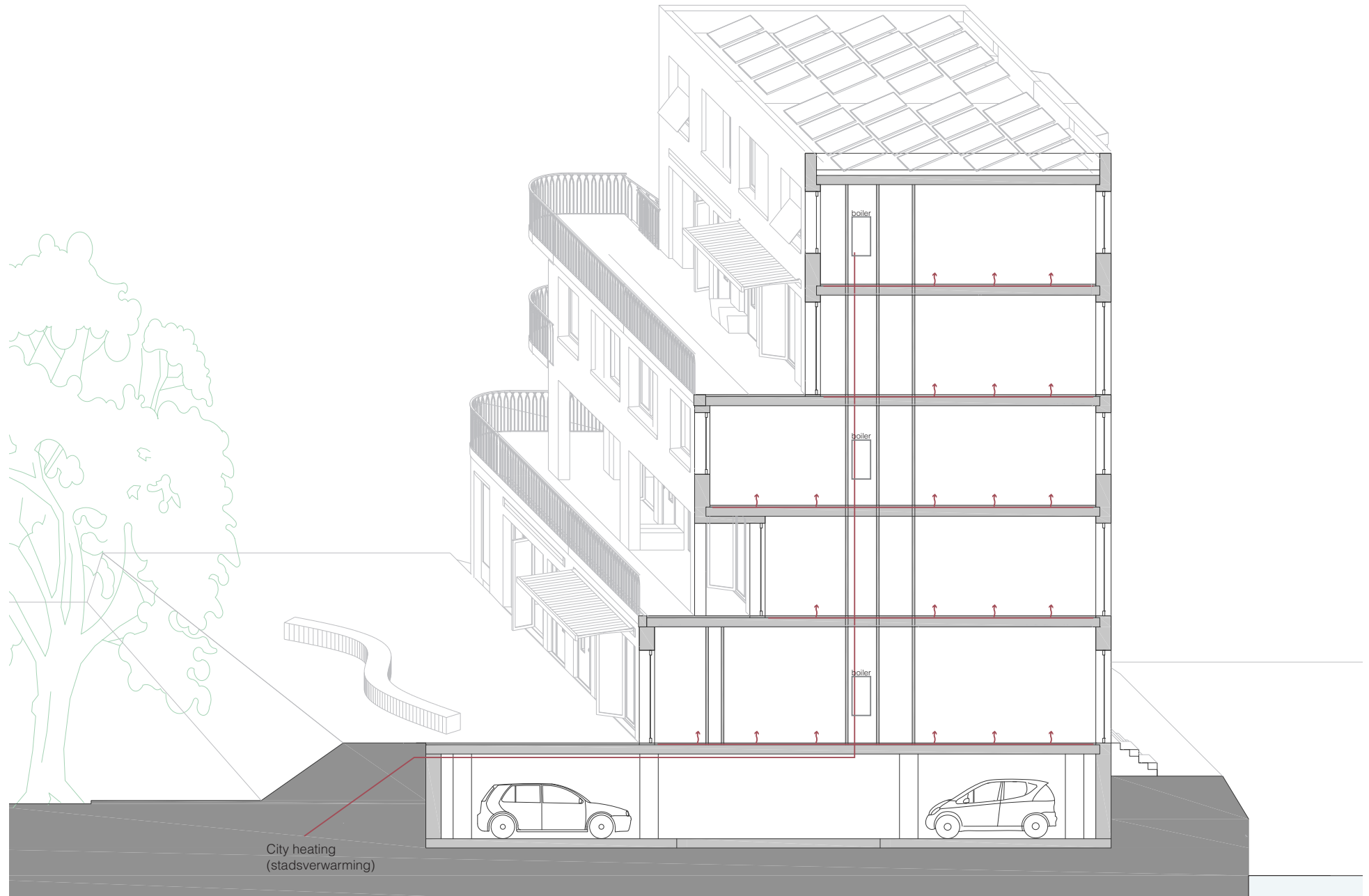
Design



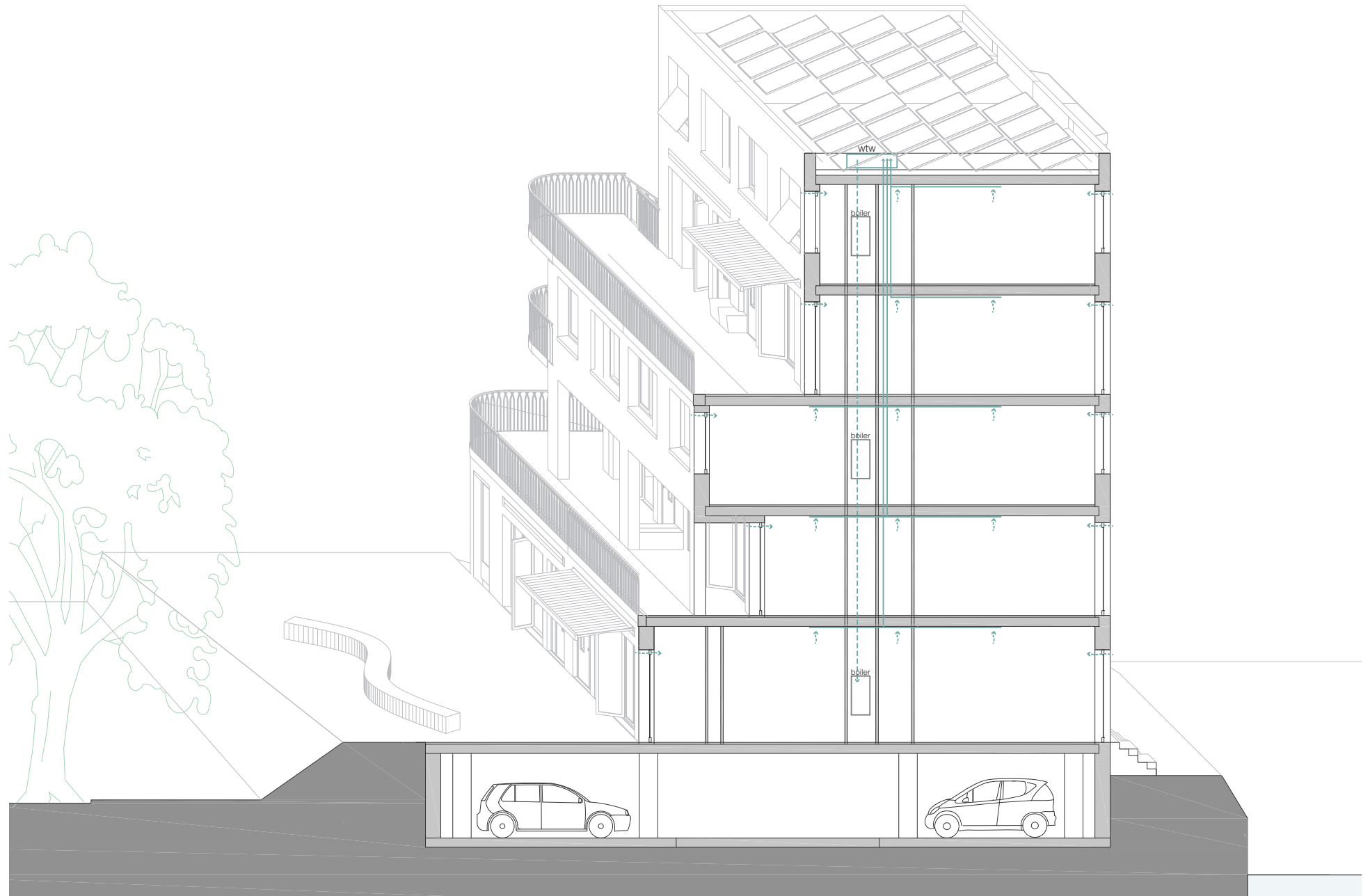
Design



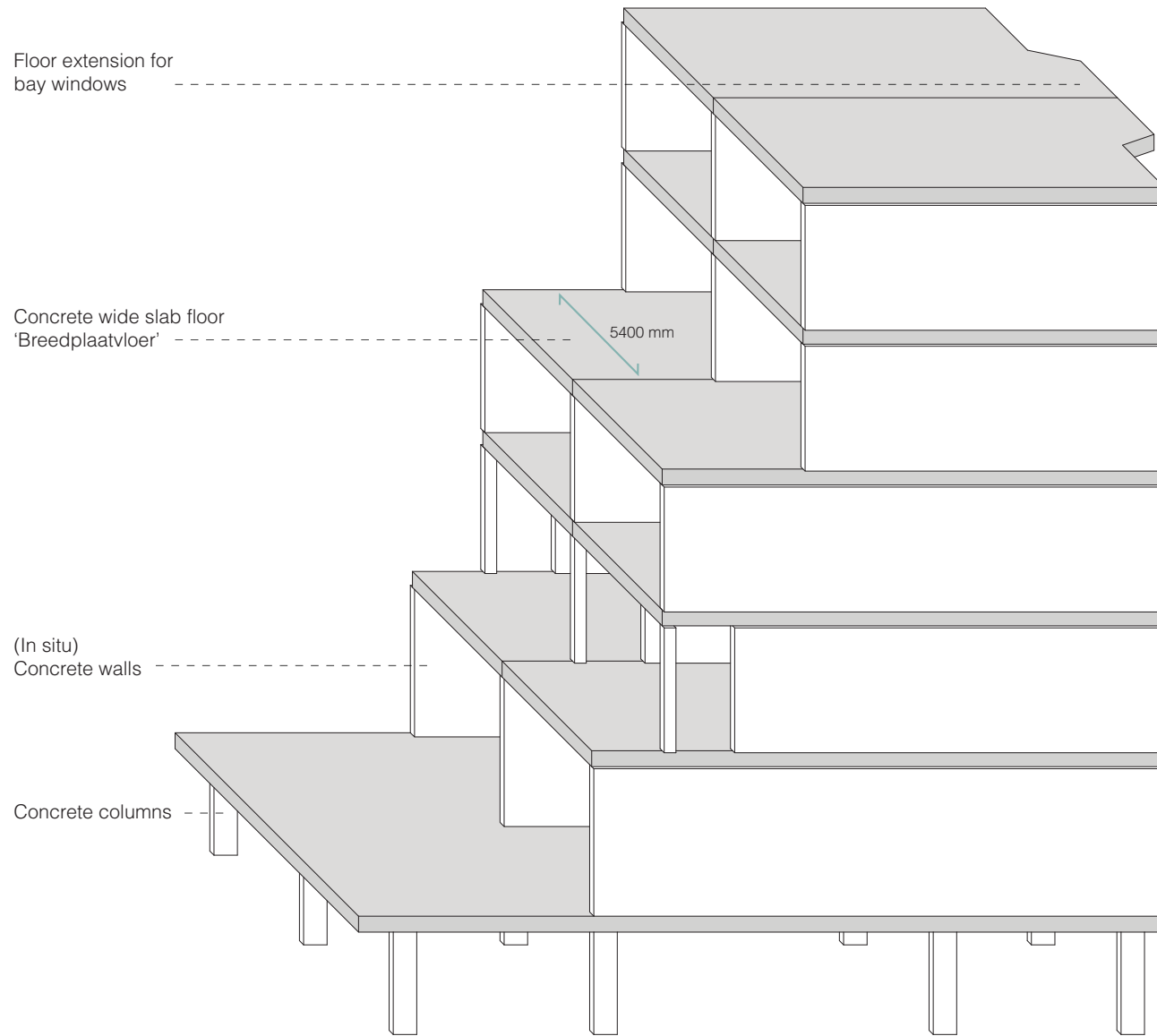
Design



Design



Design



Design

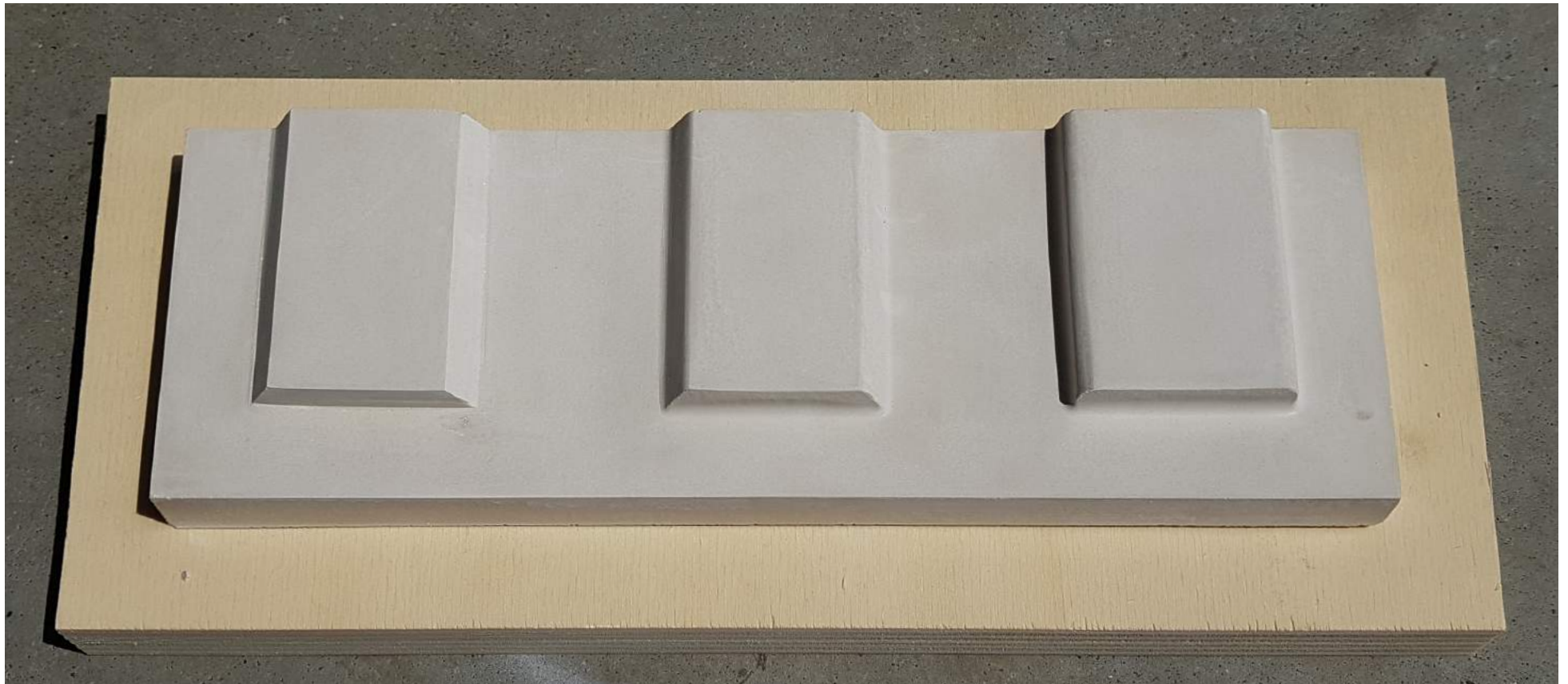


Design









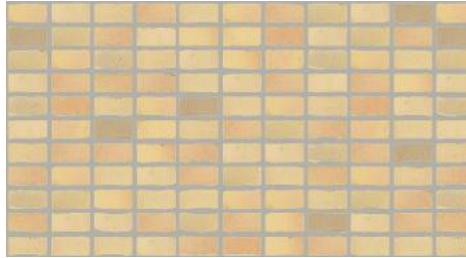


Amsterdamse school



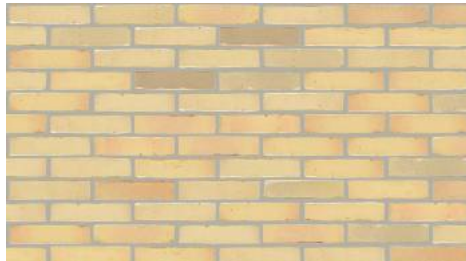
Design

Terugliggende delen



Koppen in
tegelverband

Volumes



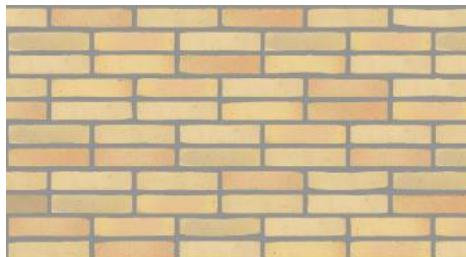
Halfsteensverband

Straat



Betonnen band

Plint



Blokverband

Design



01

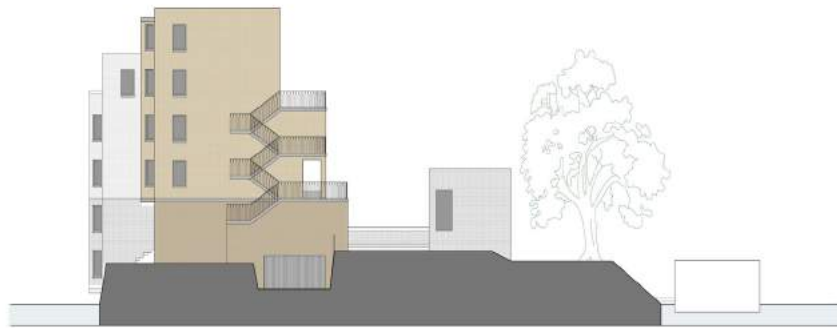


02

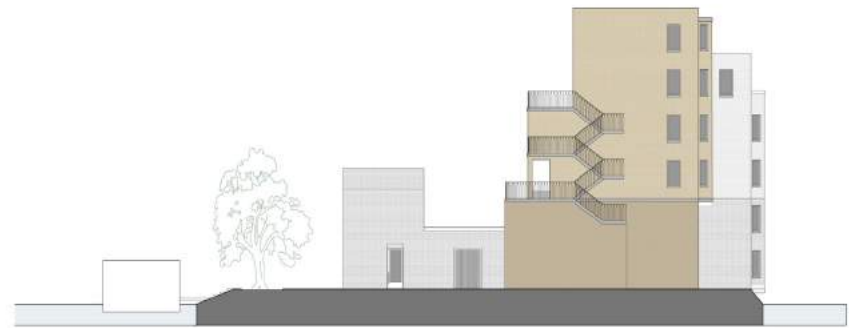
Design



SECTION 1-1

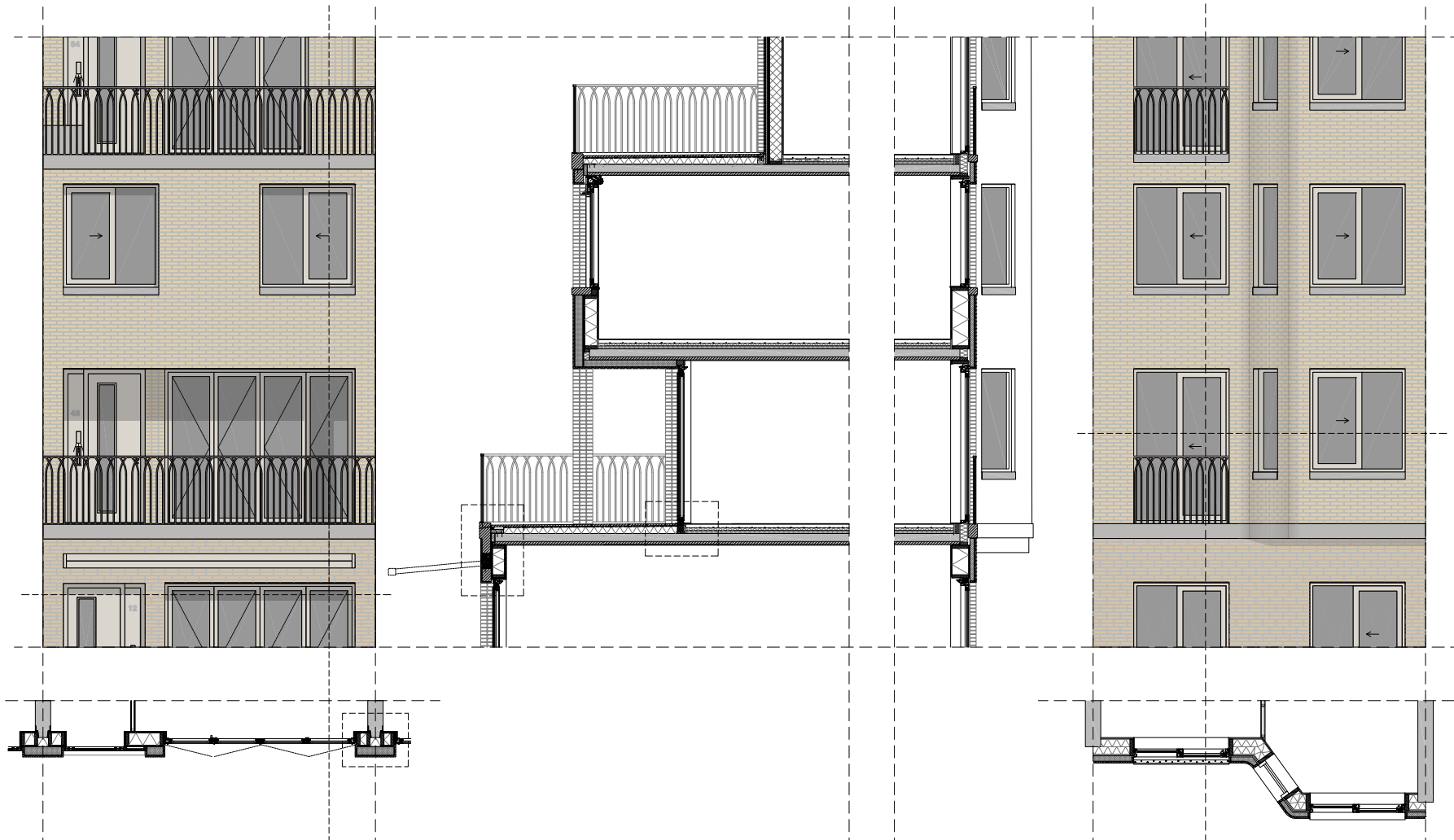


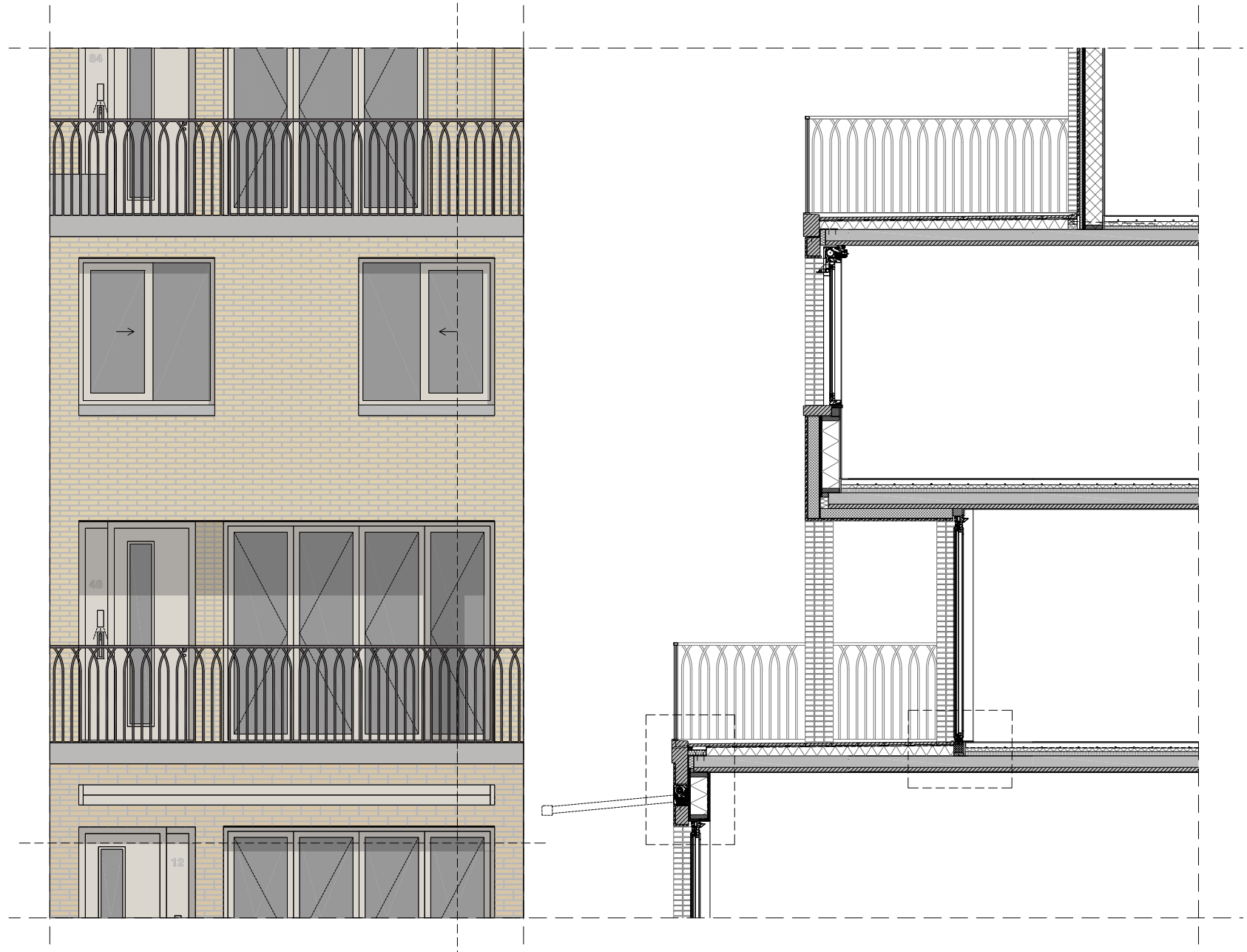
SECTION 1-1

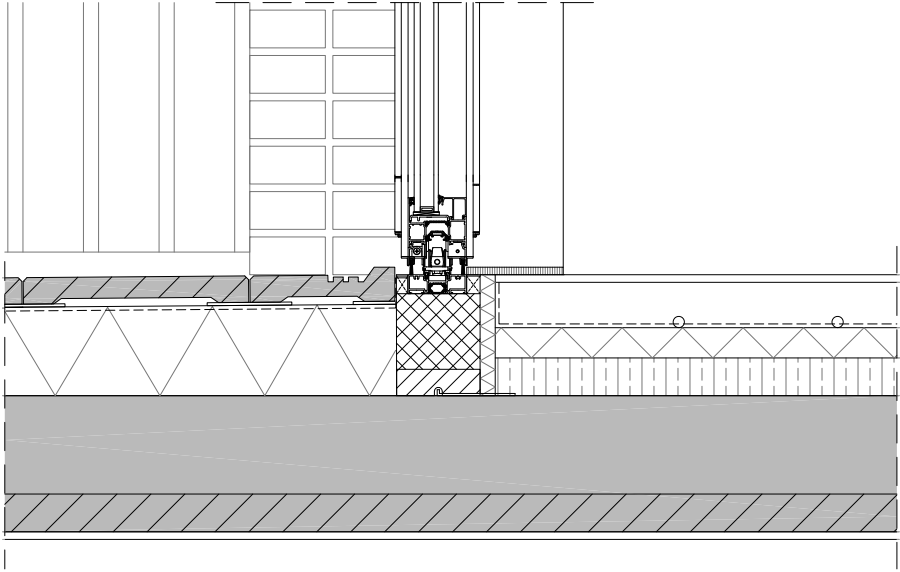
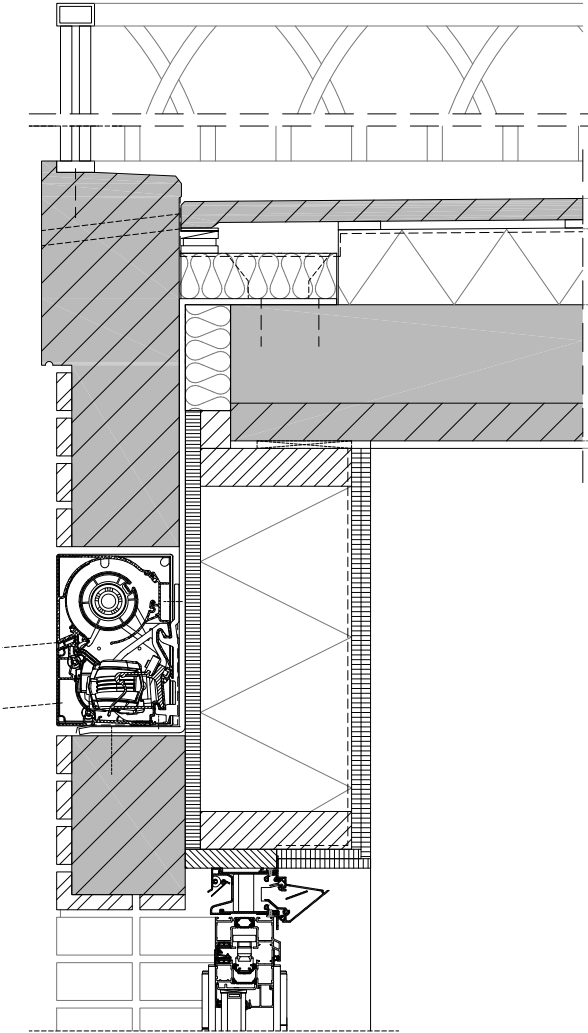


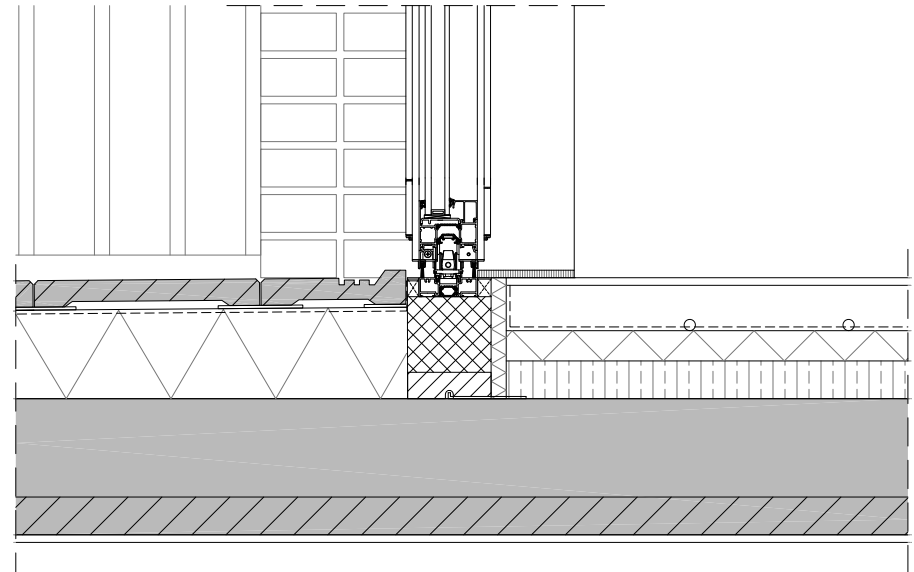
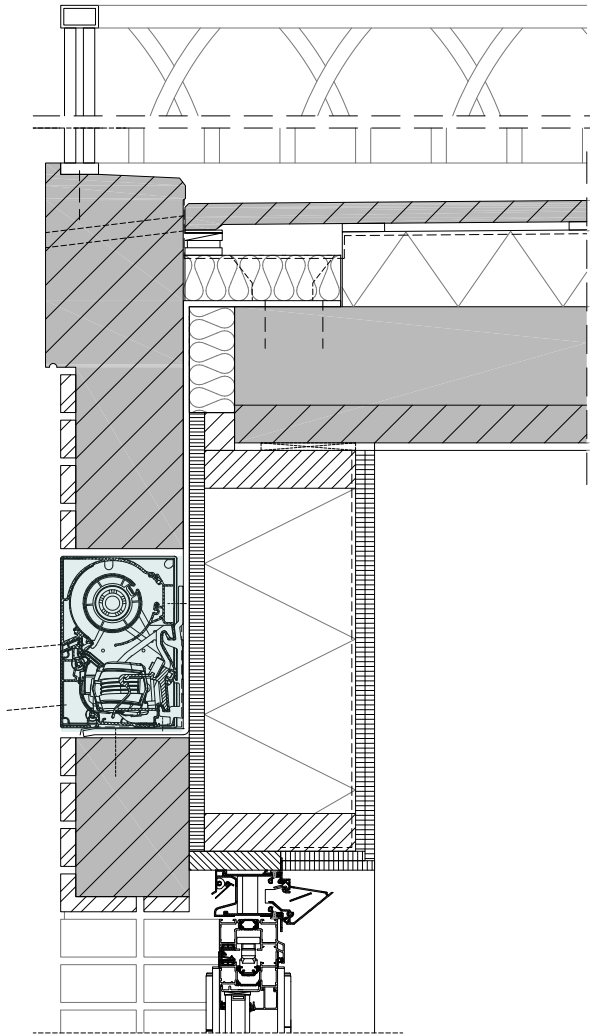
SECTION 1-1

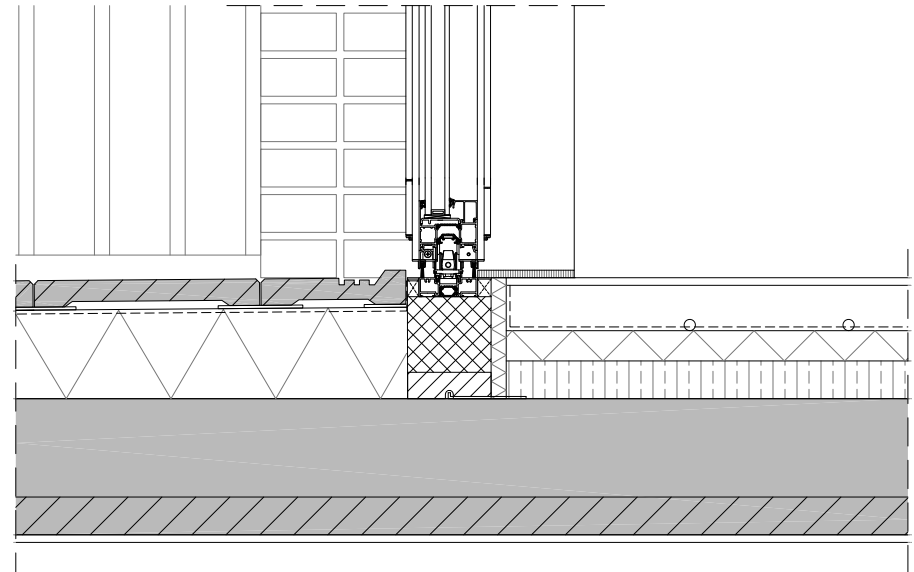
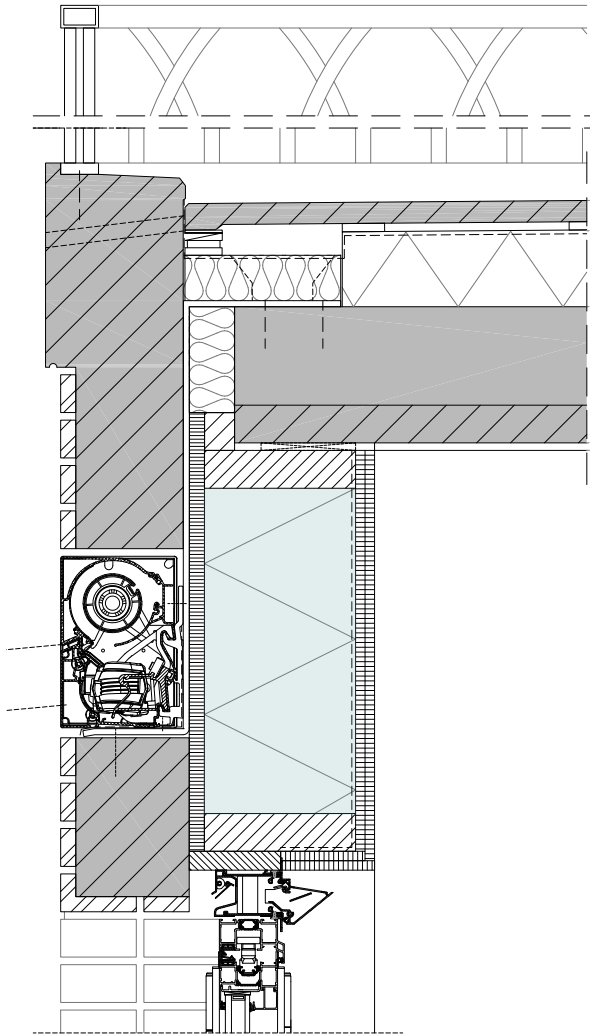
Design

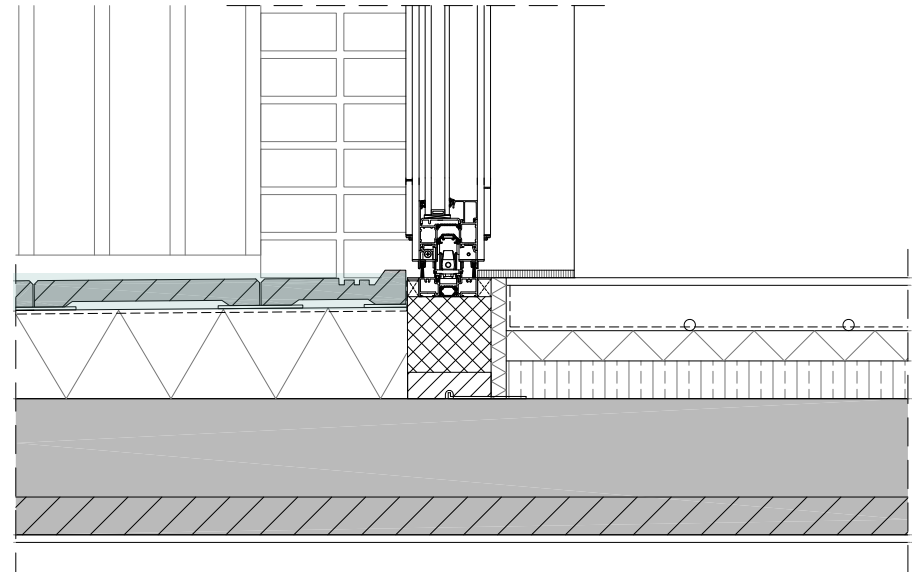
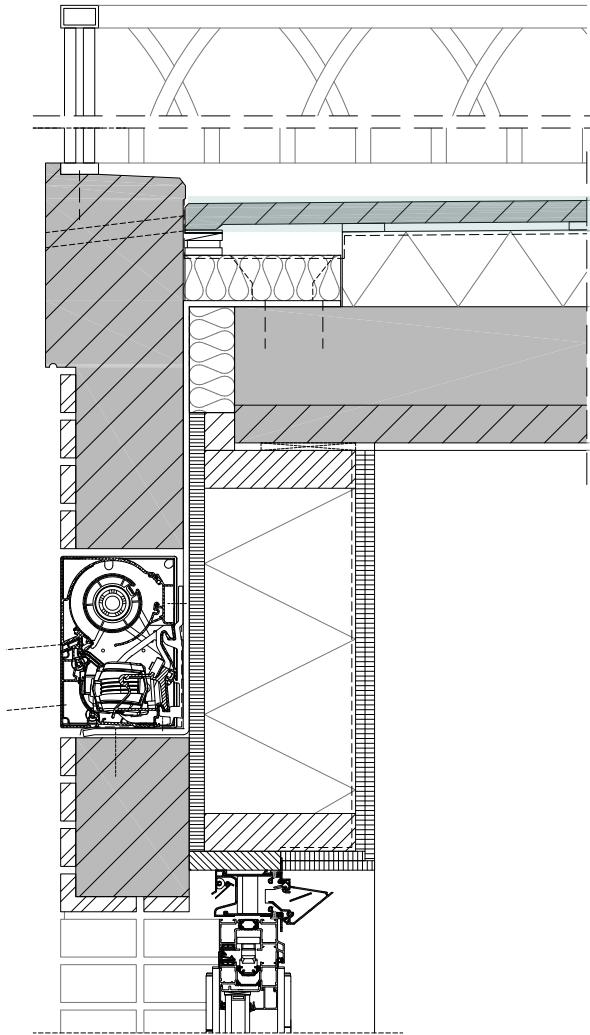












Design

















Stop motion

