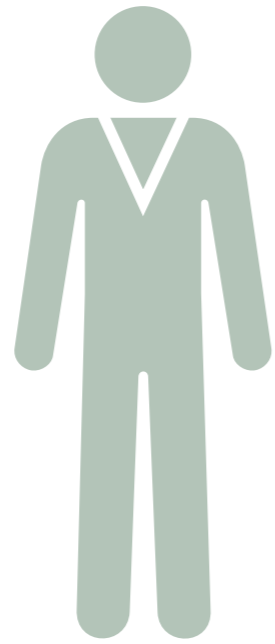


# De Starterskas



Intro

## Onderwerpen



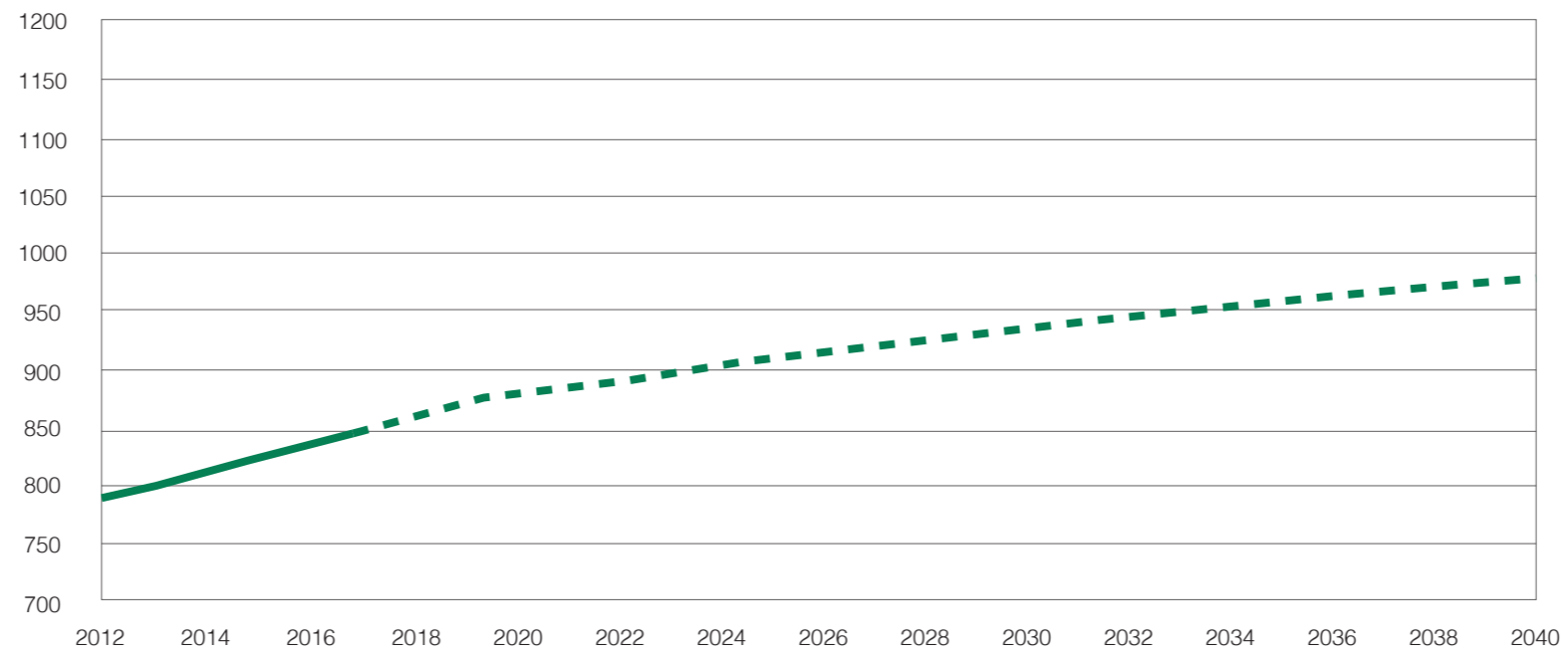
Compacte starters appartementen



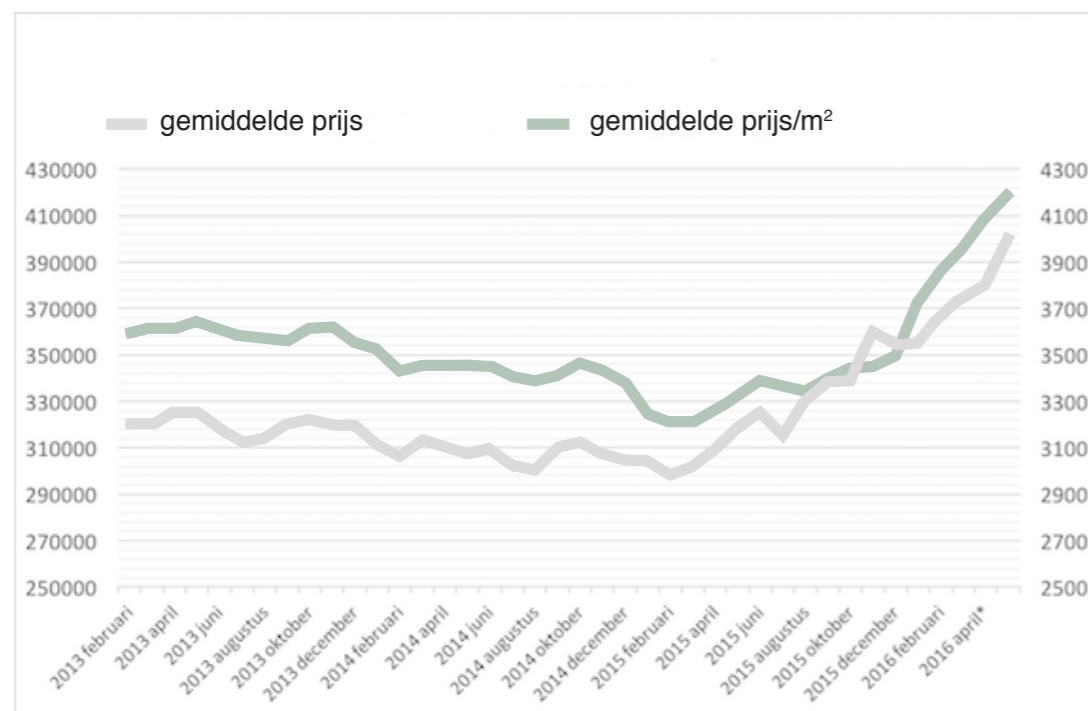
Voedsel in de stad

## Compacte appartementen

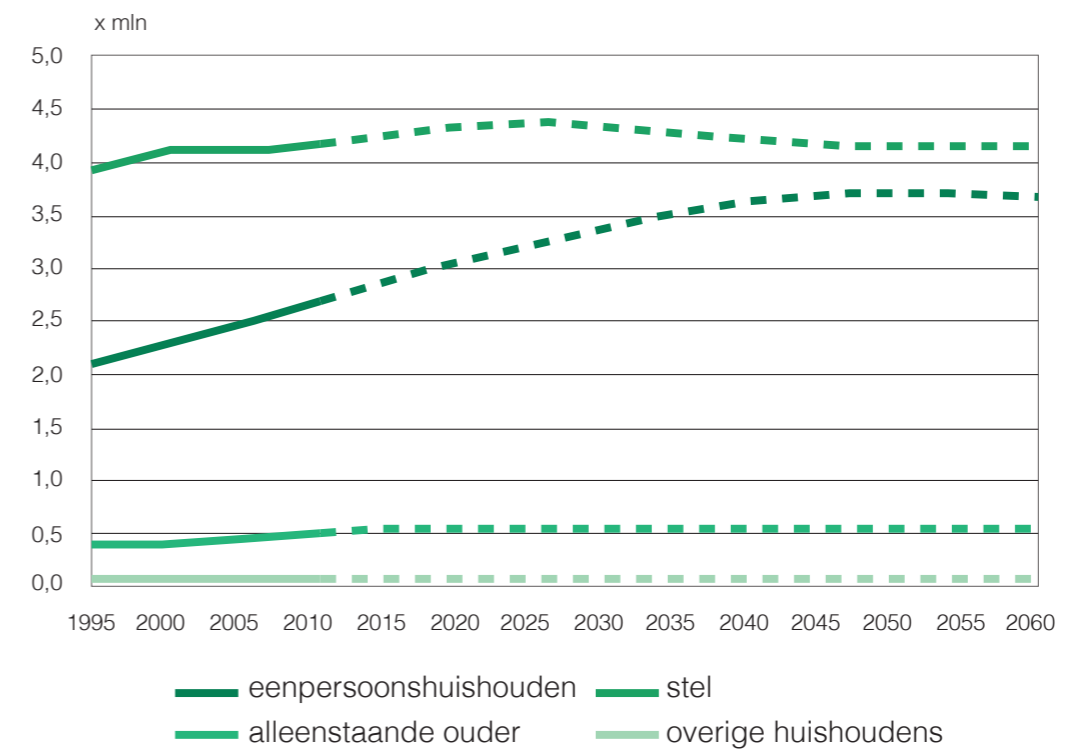
# Uitdagingen woningmarkt



## Groei bevolking

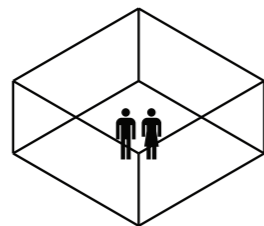
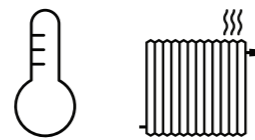
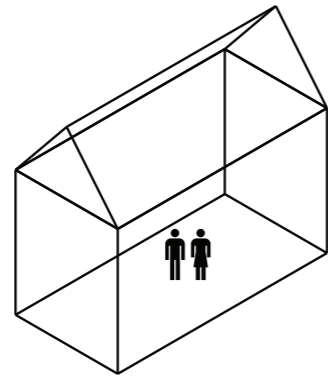
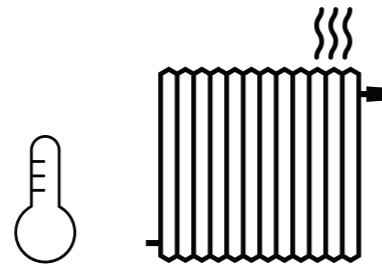


## Stijgende woningprijzen

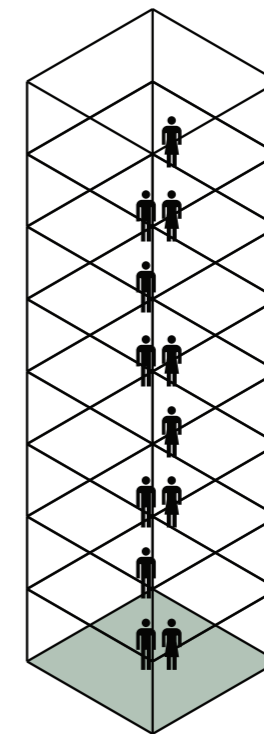
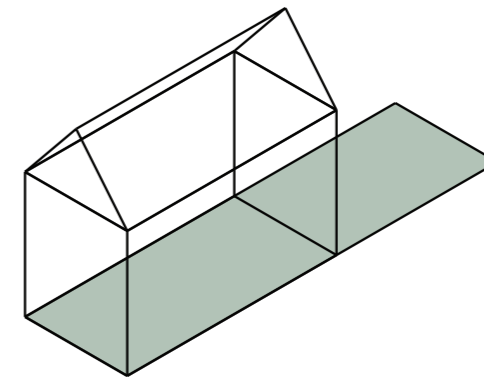


## Groei eenpersoonshuishoudens

# Duurzaamheid

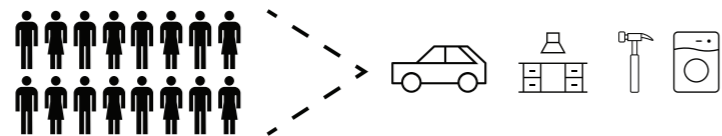


Minder energieverbruik

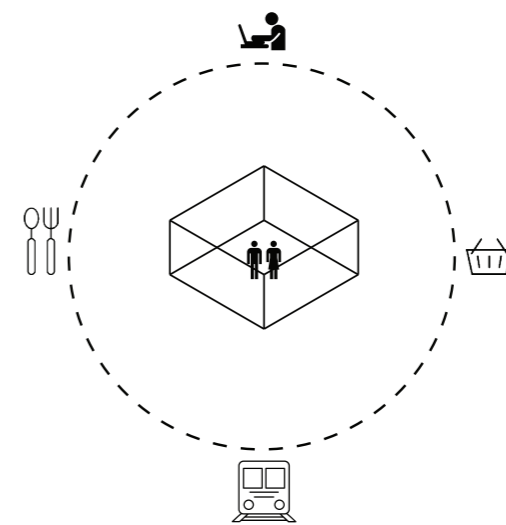
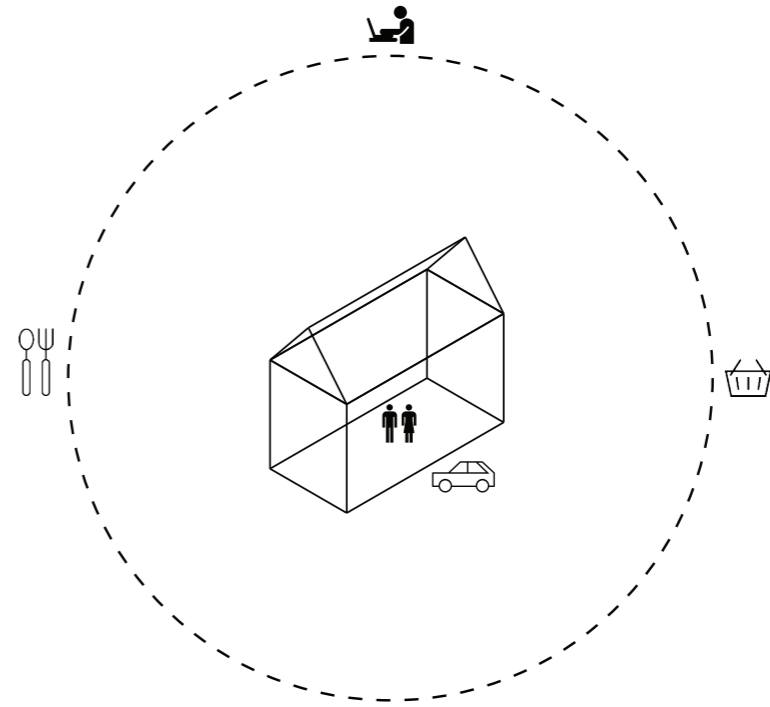


Verdichting

# Duurzaamheid



Lifestyle



Mobiliteit

## Starters

New city dweller

Verkiezen centraal wonen boven groot wonen

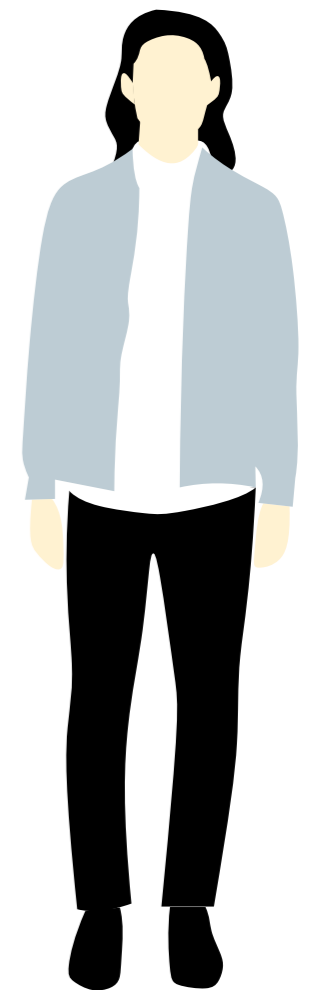
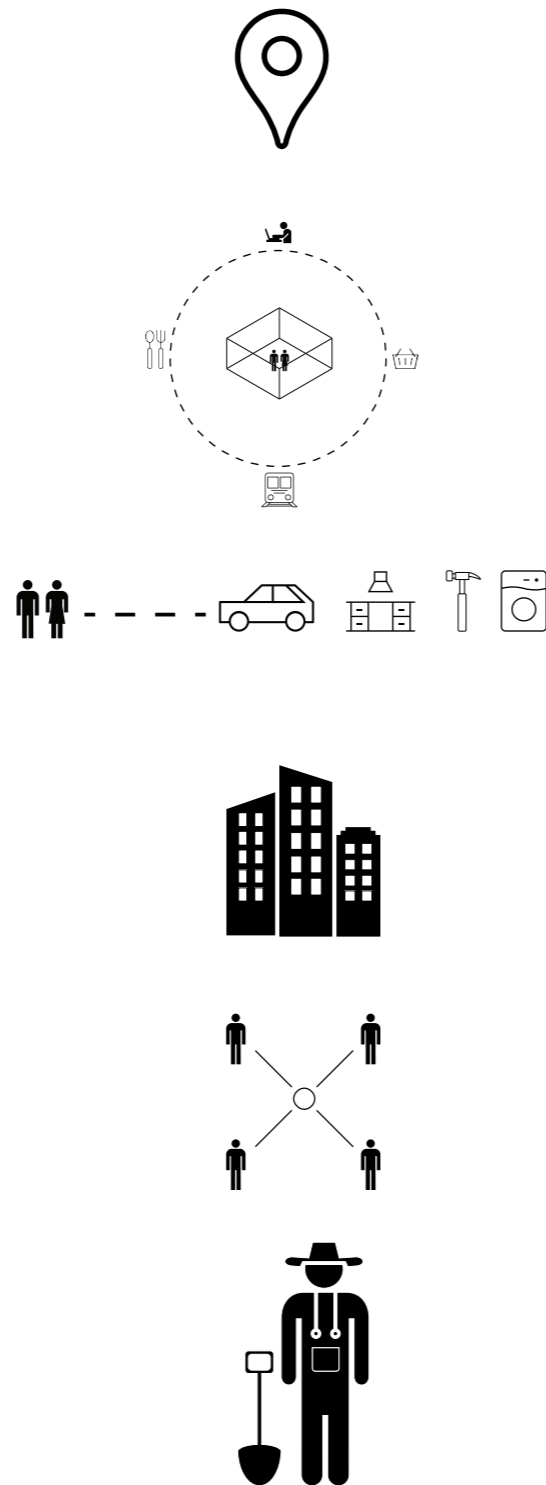
In de buurt van voorzieningen en werk

Deelmaatschappij

Stad als woonkamer

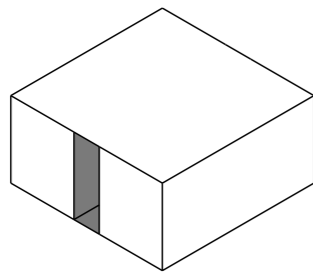
Gelijkgestemde mensen

Specifieke interesse in voedsel

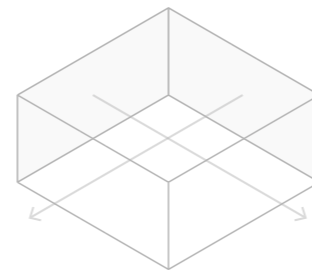
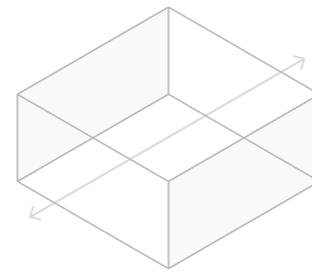
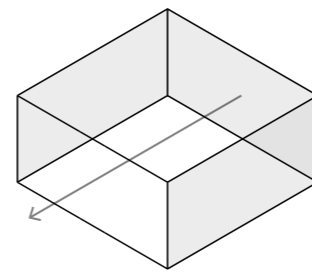
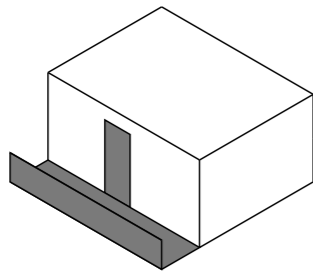




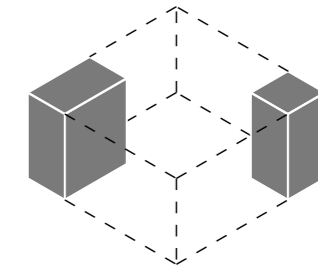
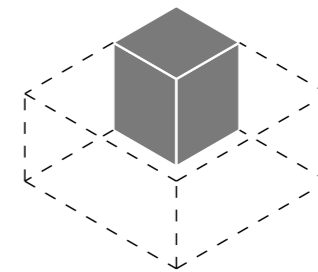
# Resultaten case studies compacte appartementen



Ontsluiting

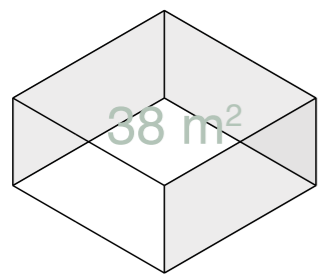


Oriëntatie

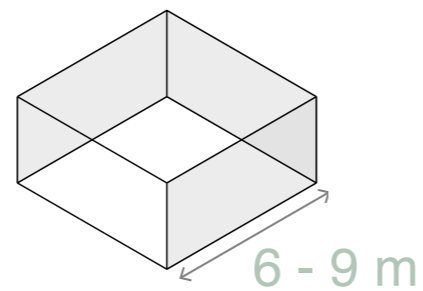


Configuratie badkamer & keuken

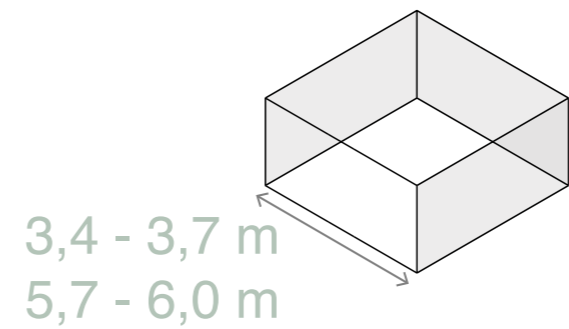
# Resultaten case studies compacte appartementen



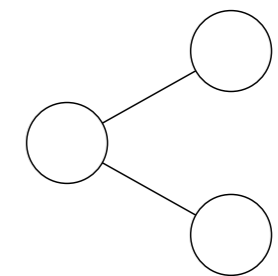
Gemiddelde m<sup>2</sup>  
appartement



Diepte woning



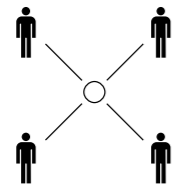
Breedte woning



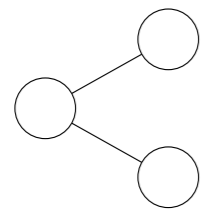
Gedeelde functies

# Design tools

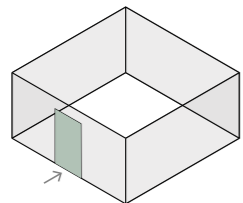
## Gebouw



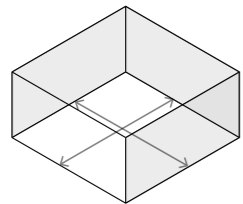
Gelijkgestemde  
bewoners



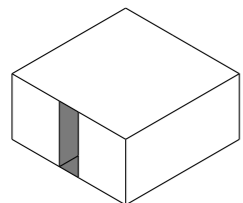
Gedeelde luxe en  
voorzieningen



Aantrekkelijke entree



Flexibele constructie

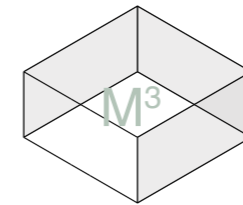


Corridor ontsluiting

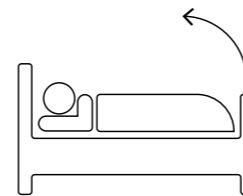


Betaalbaarheid

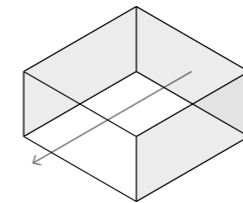
## Appartementen



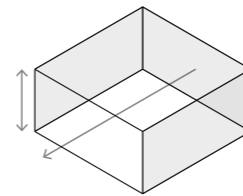
Ontwerpen in volume



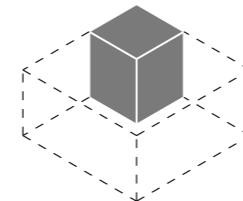
Ruimte besparende oplossingen



Eenzijdig georiënteerde woningen



Hoge gevelopeningen



Geclusterde badkamer en keuken

## Voedsel in de stad

## Voedsel in de stad



Groenmarkt  
anno 1930

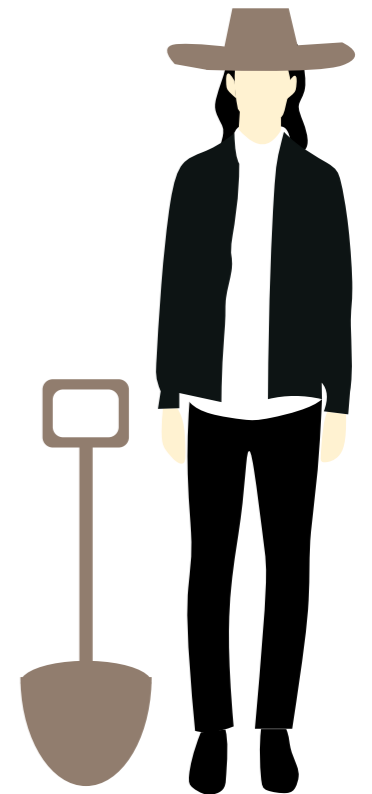


# Stadslandbouw

Het verbouwen van groente, fruit en kruiden en het houden van dieren in de stad

Verwerken, verzamelen en hergebruiken van voedsel

Bewustzijn creëren en enthousiastme opwekken bij andere stadsbewoners



## Design tools

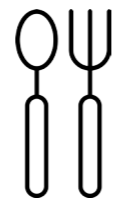


Uitdragen voedselbewuste visie en creëren bewustzijn

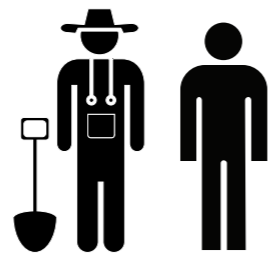


Stadslandbouw mogelijkheden voor bewoners

Stadslandbouw voor publiek op plein



Publieke functies voedsel gerelateerd



Hulp bij het verbouwen van voedsel

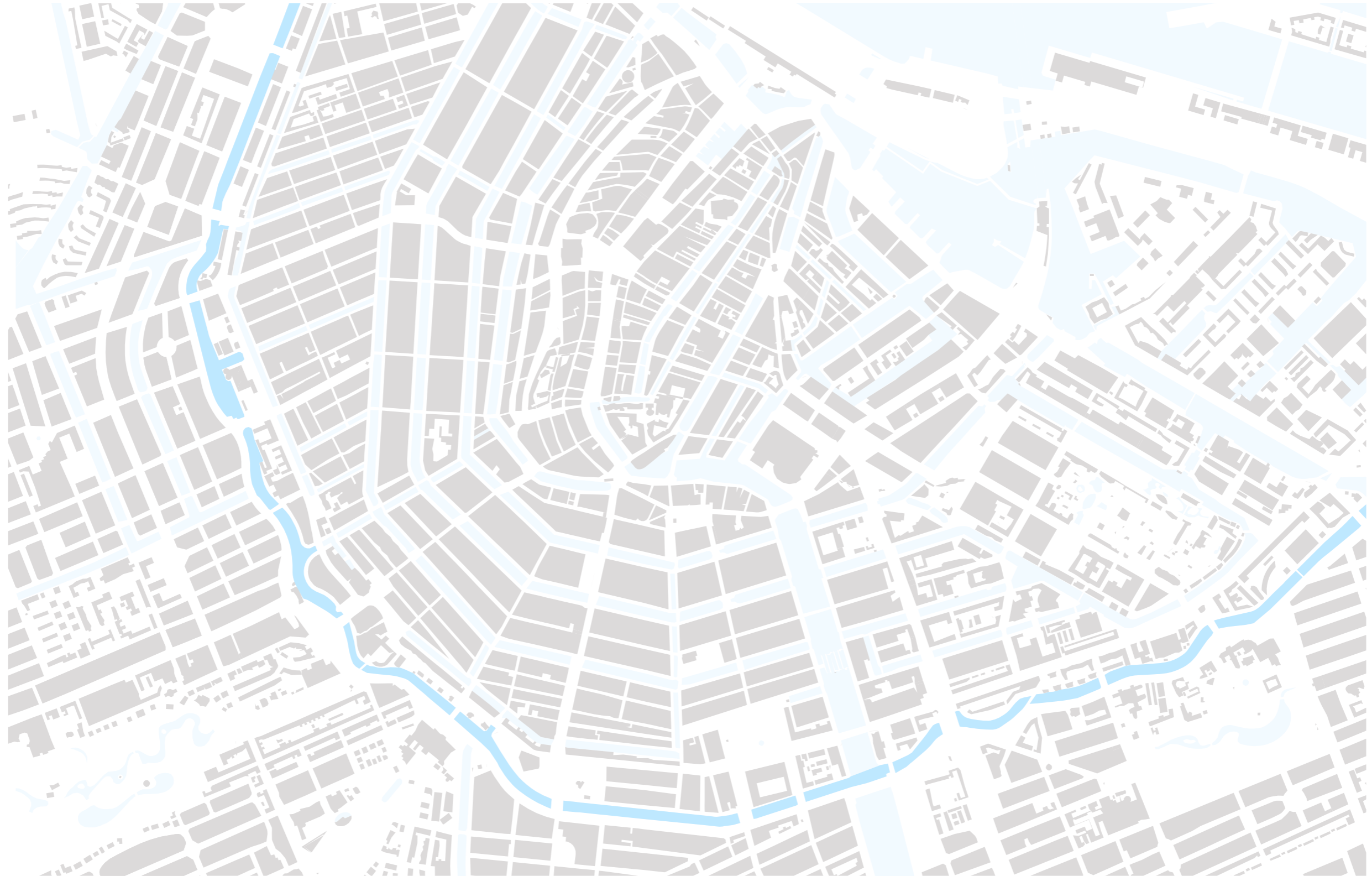


Collectieve functies die ruimte bieden voor koken en eten



**Locatie**

# Singelgracht Amsterdam



# Groenmarkt Amsterdam

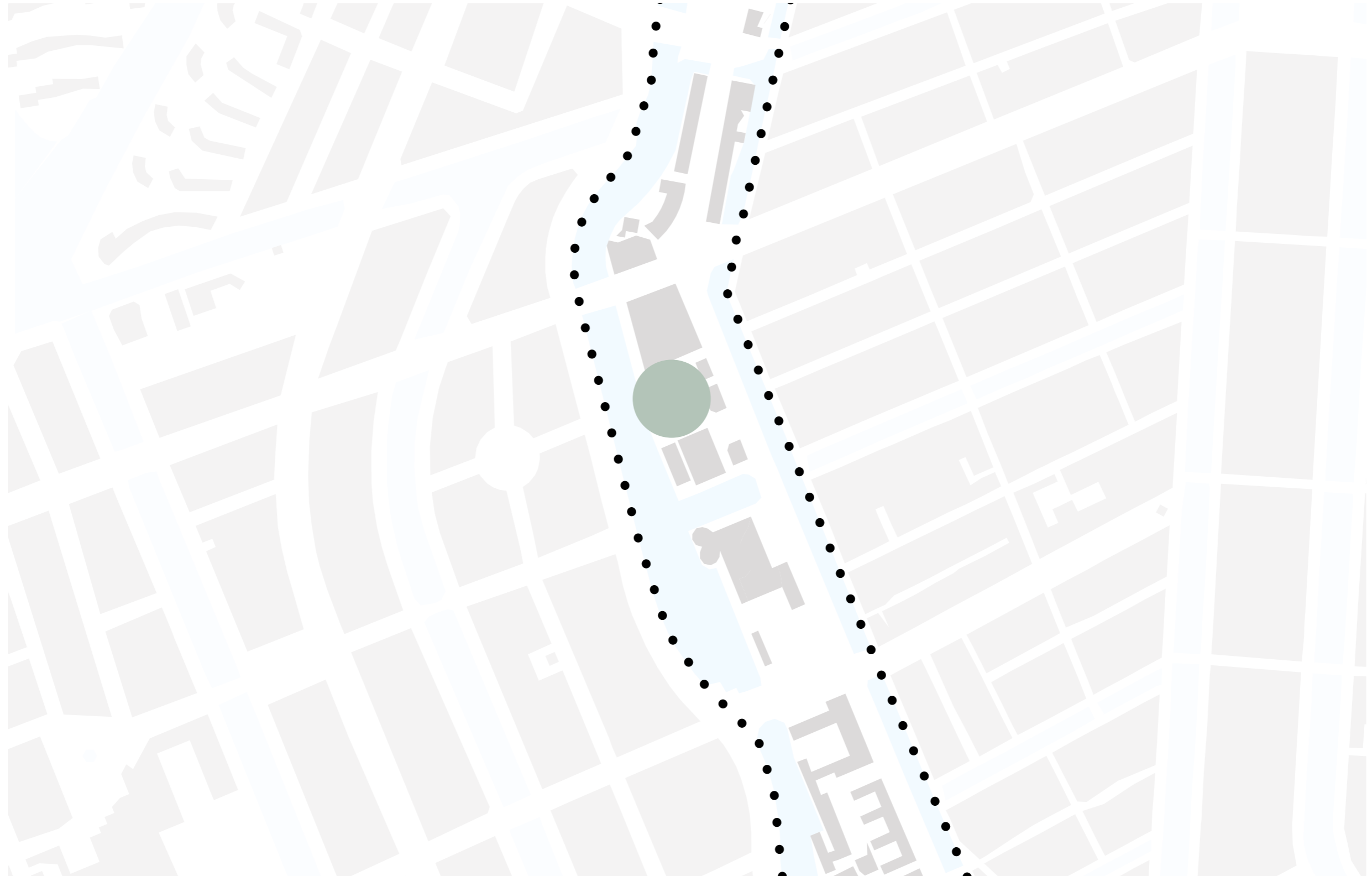


# Oriëntatie

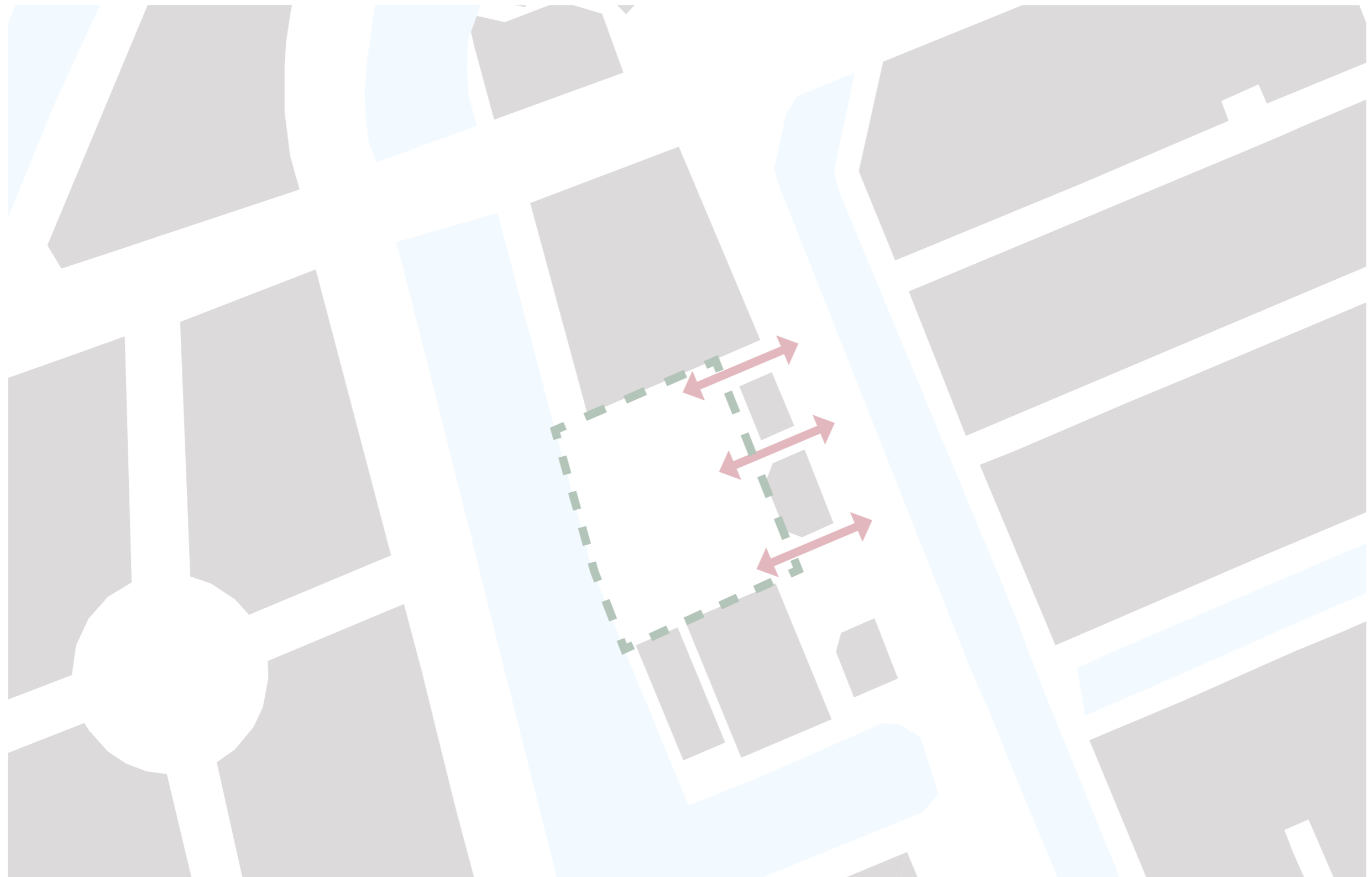


Birdsview Marnixstraat (Bing Maps, 2017)

# Marnixstrook



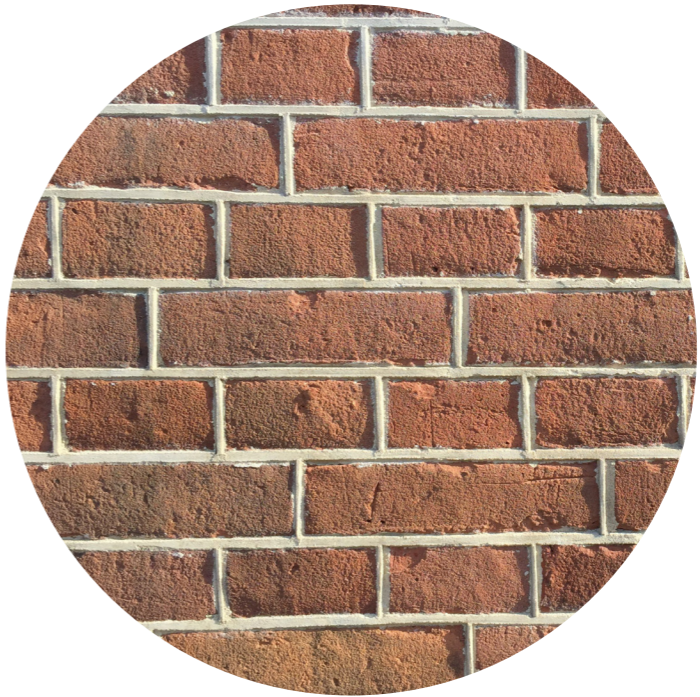
# Zichtlijnen



## Huidige situatie



# Materialisatie Groenmarkt



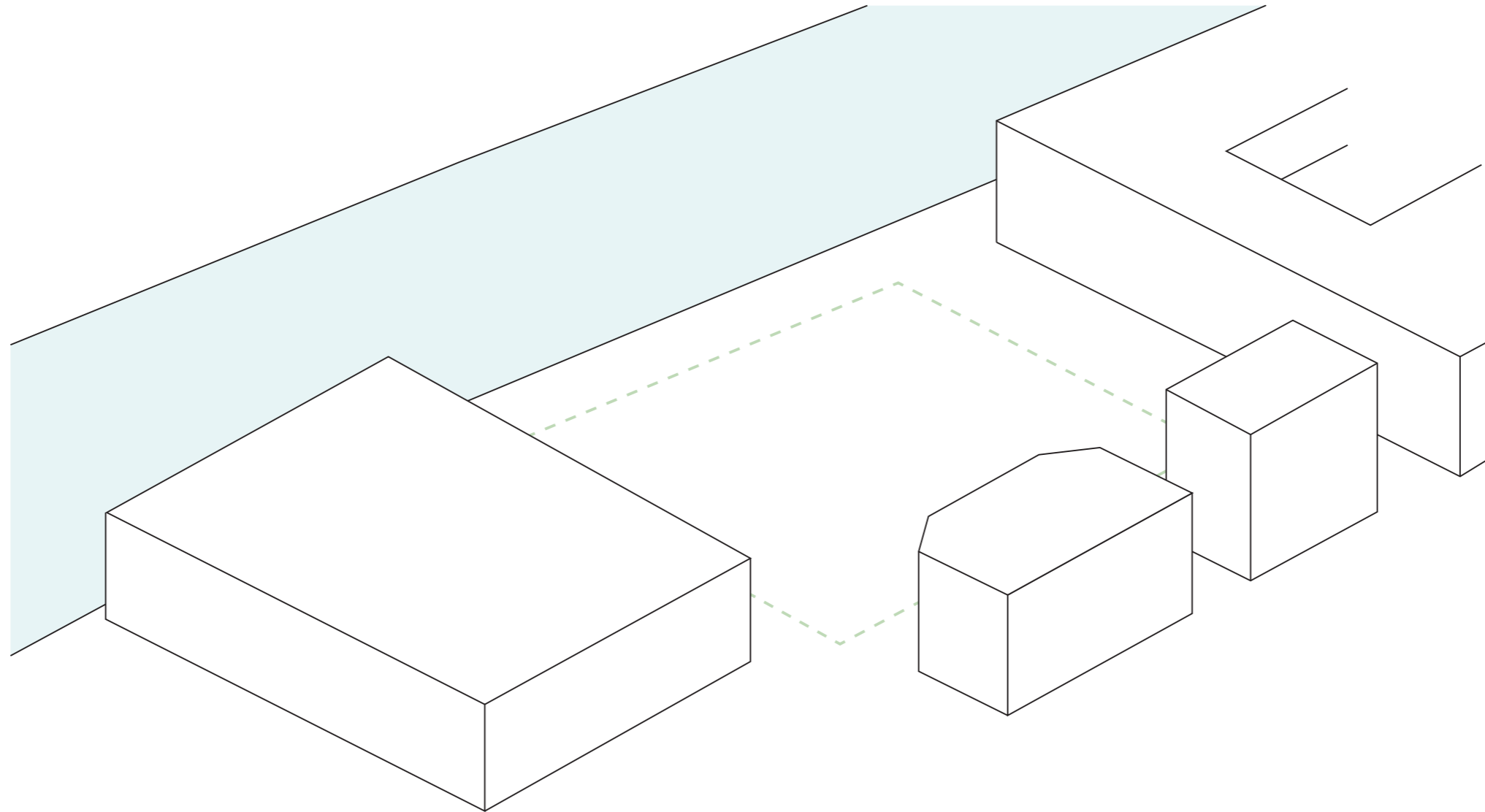


## De Starterskas

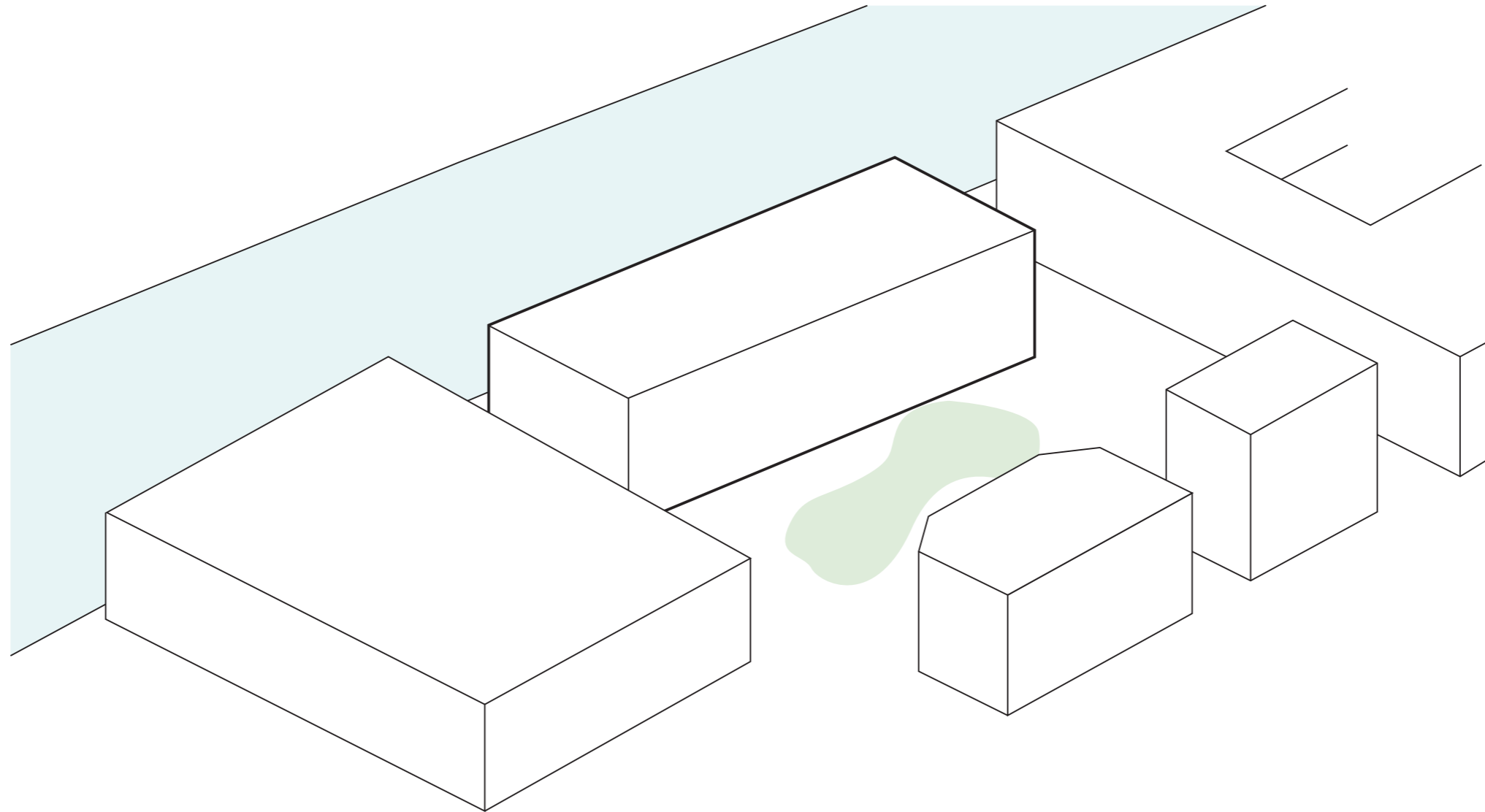


Ontwerp

# Plot



# Basis massa



## Omsloten plein



## Stedelijke waterkant



## Uitlijning met omgeving

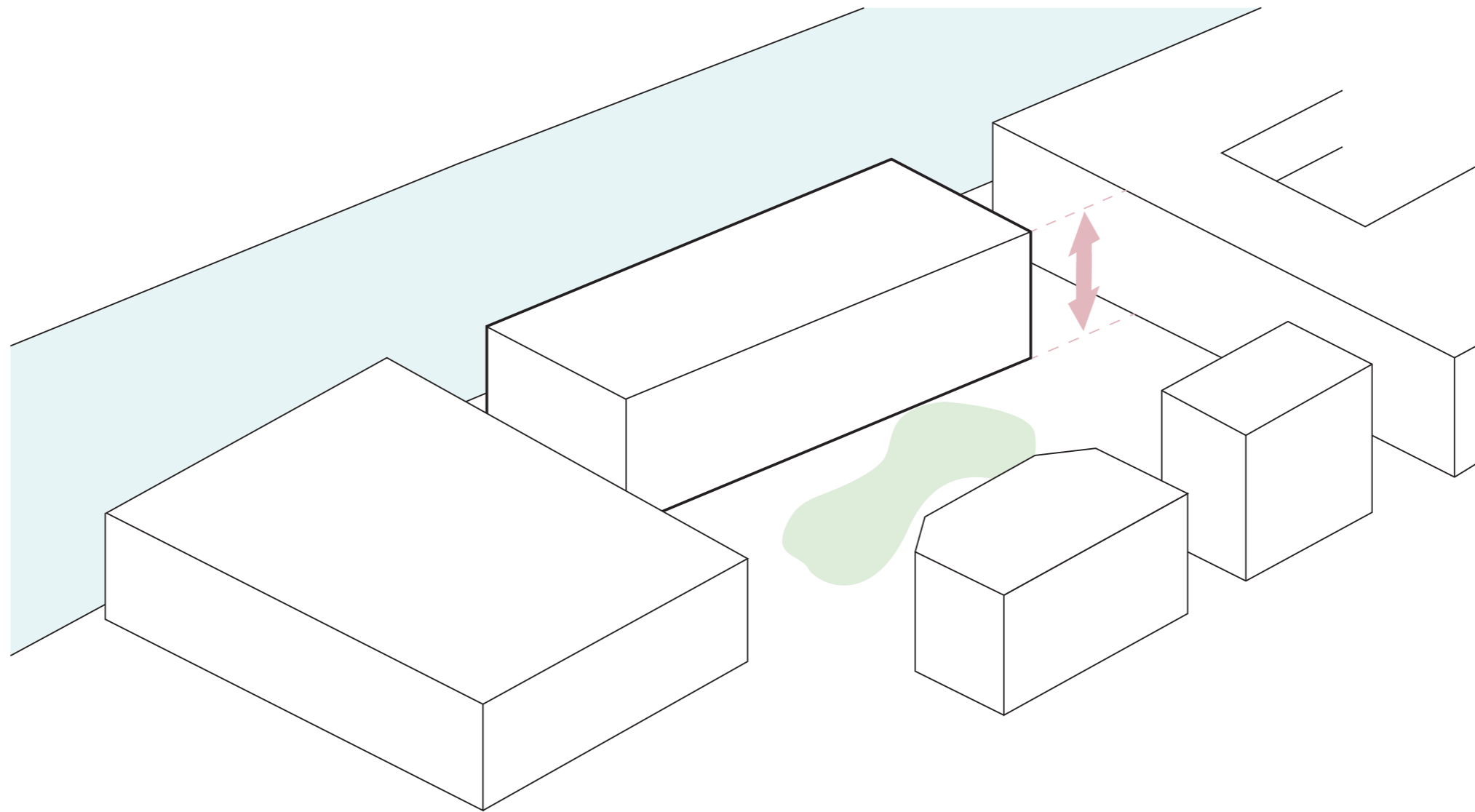


## Afstand tot Marnixblokken

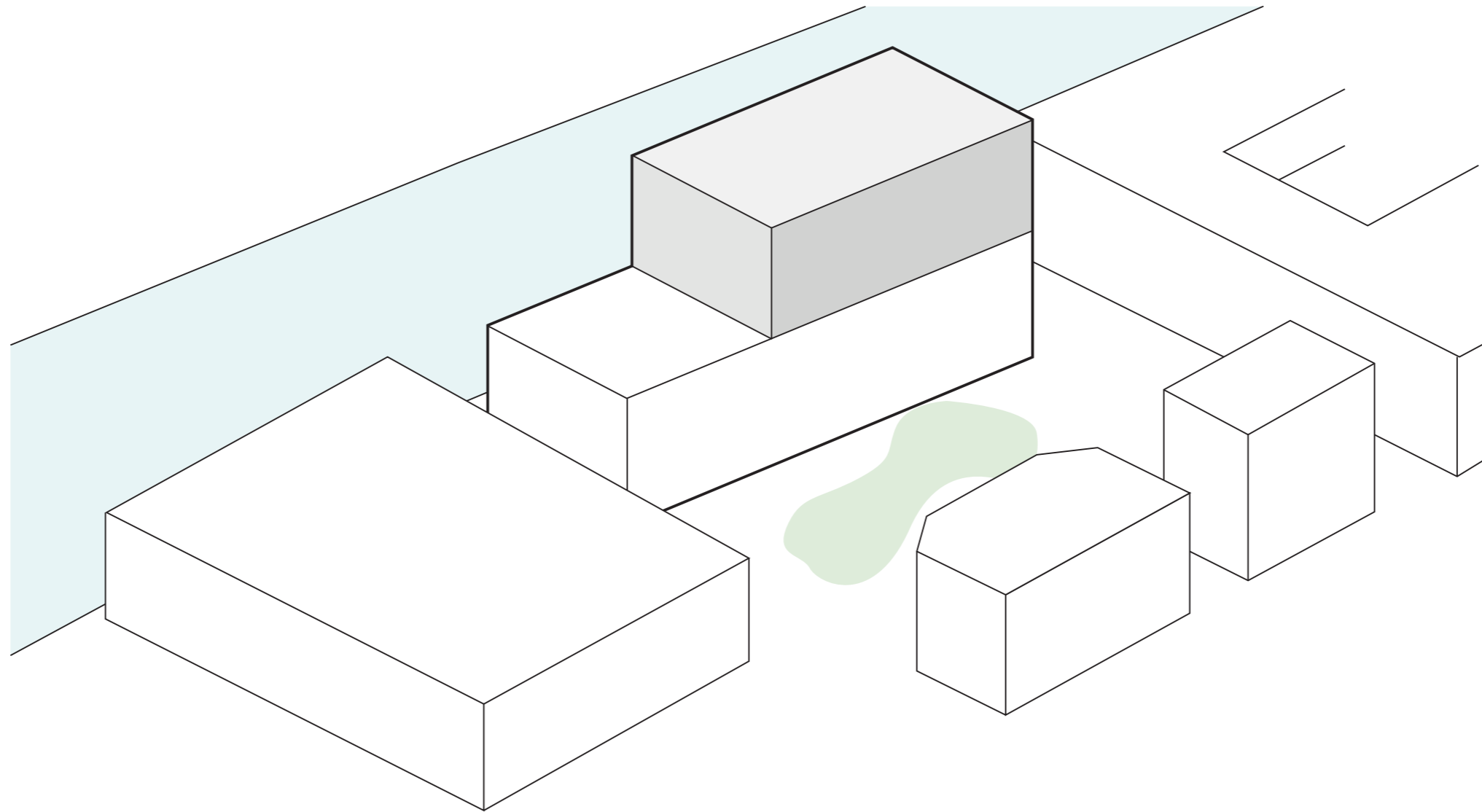




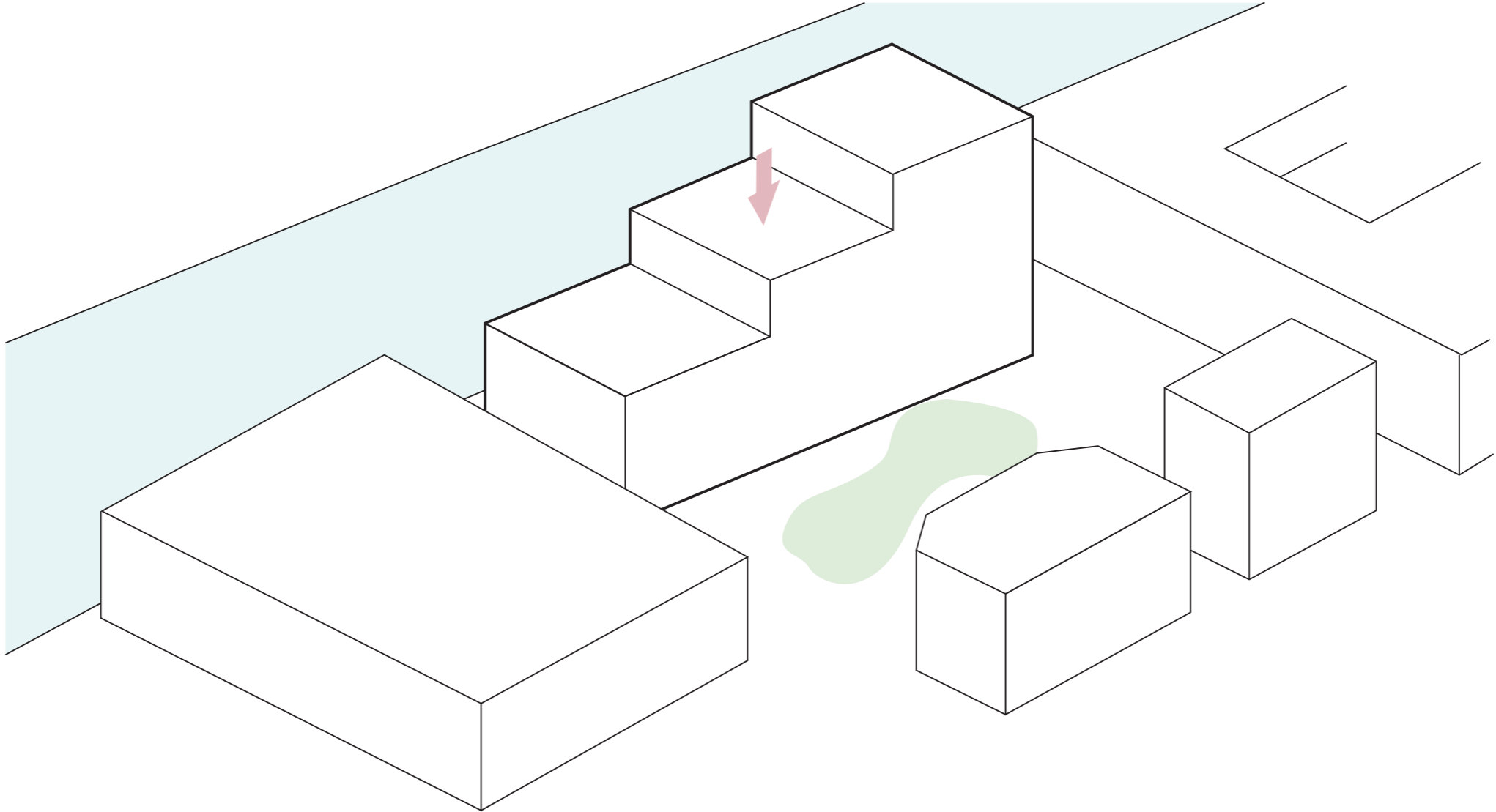
# Hoogte omgeving



# Hoogbouw



# Getrappt volume



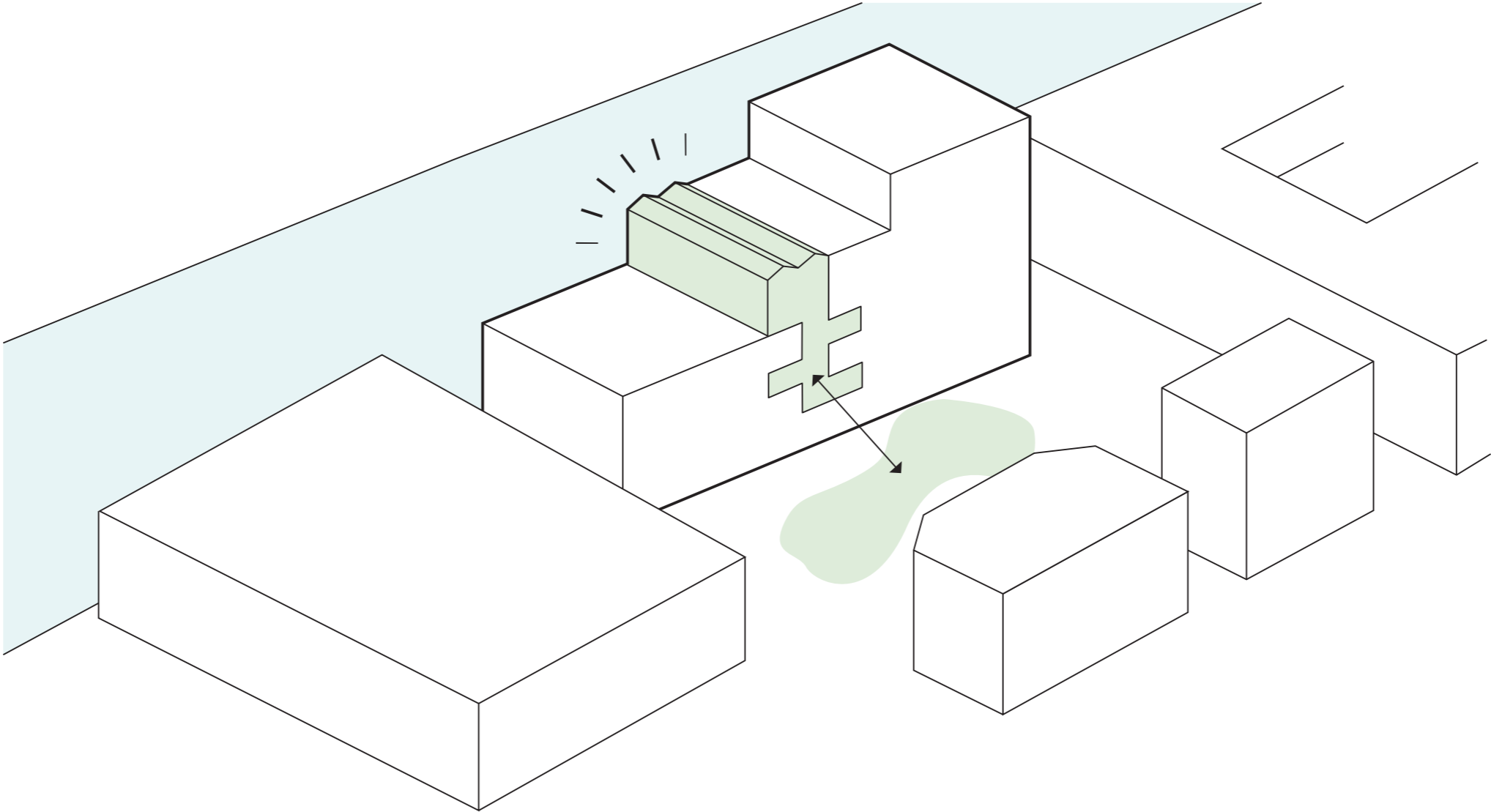
# Hoogte omgeving



# Gevel compositie



# Kas als eye-catcher



## De kas

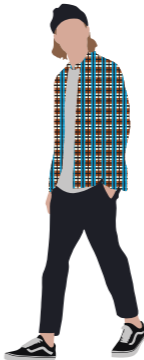
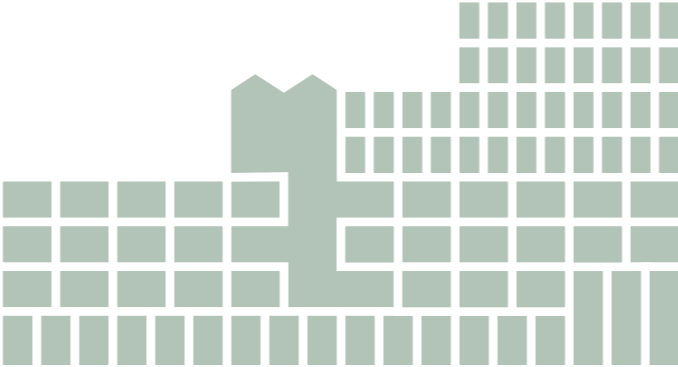


# Bewoners - Voedsel

58 appartementen

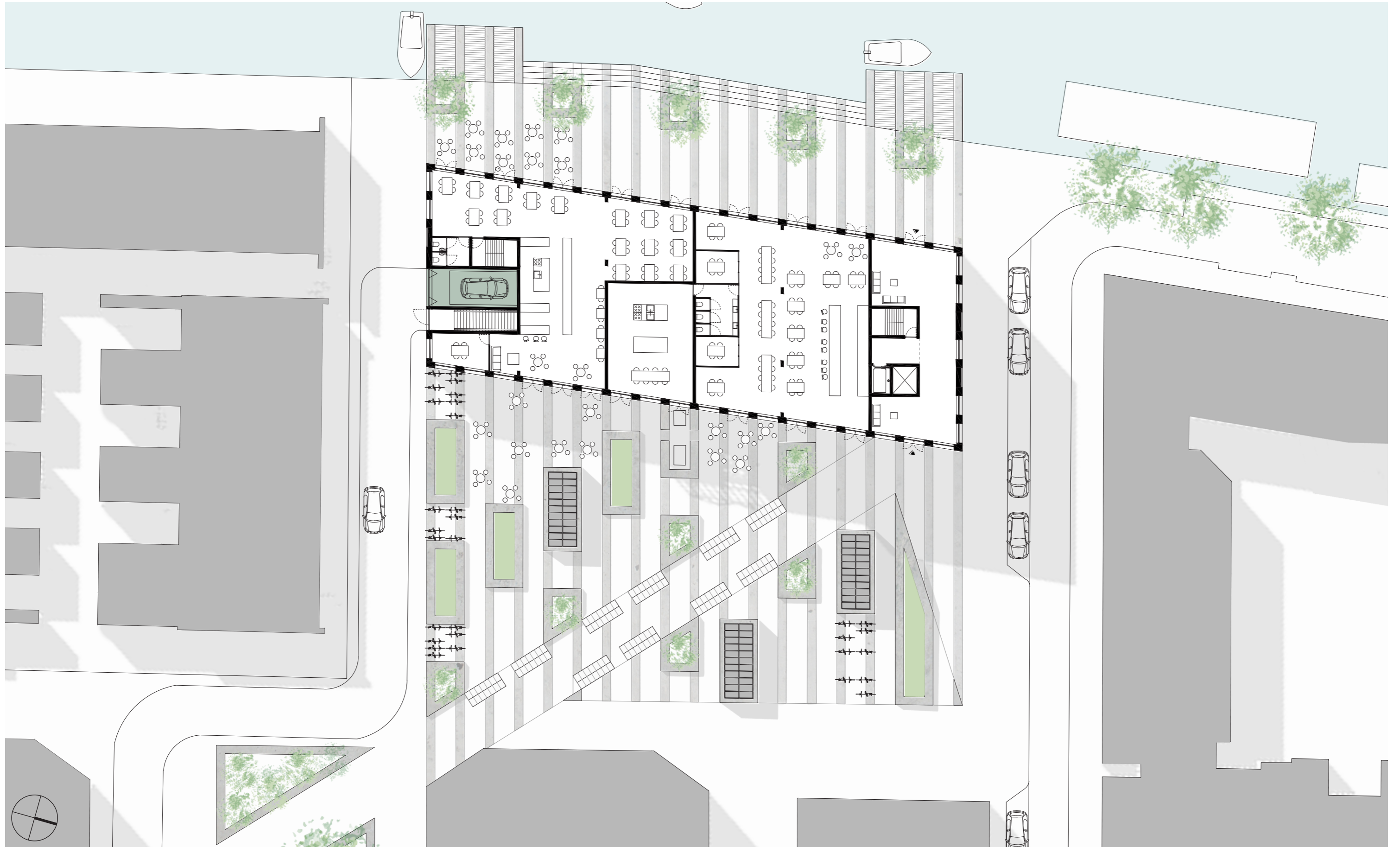


80 - 90 bewoners





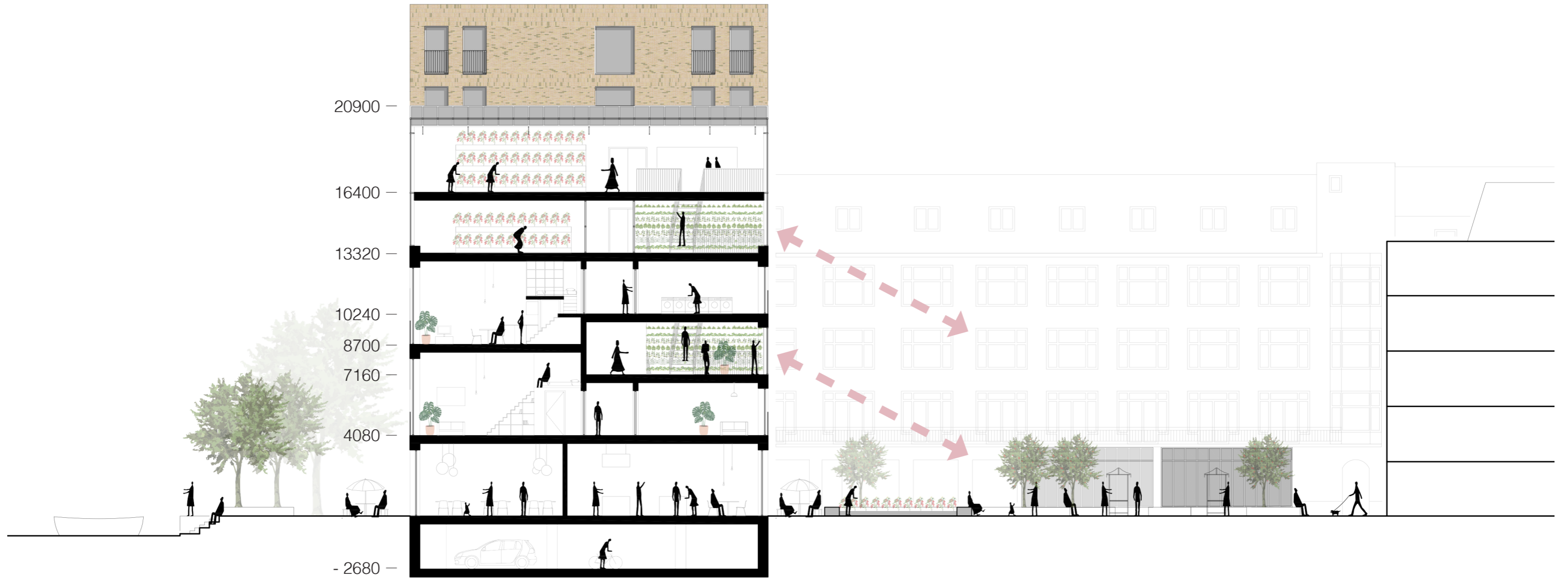
# Urban plan



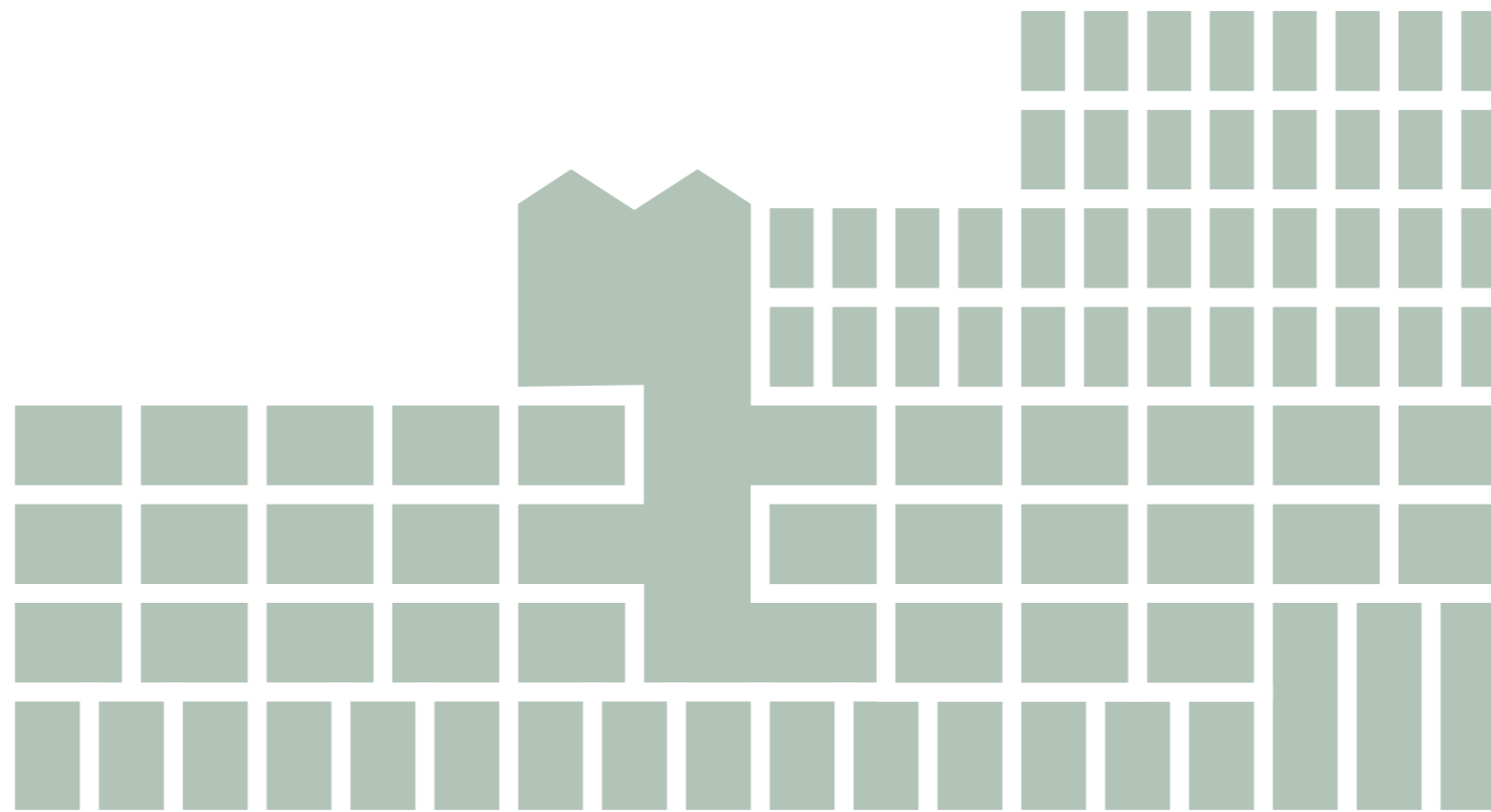
# Twoe karakter



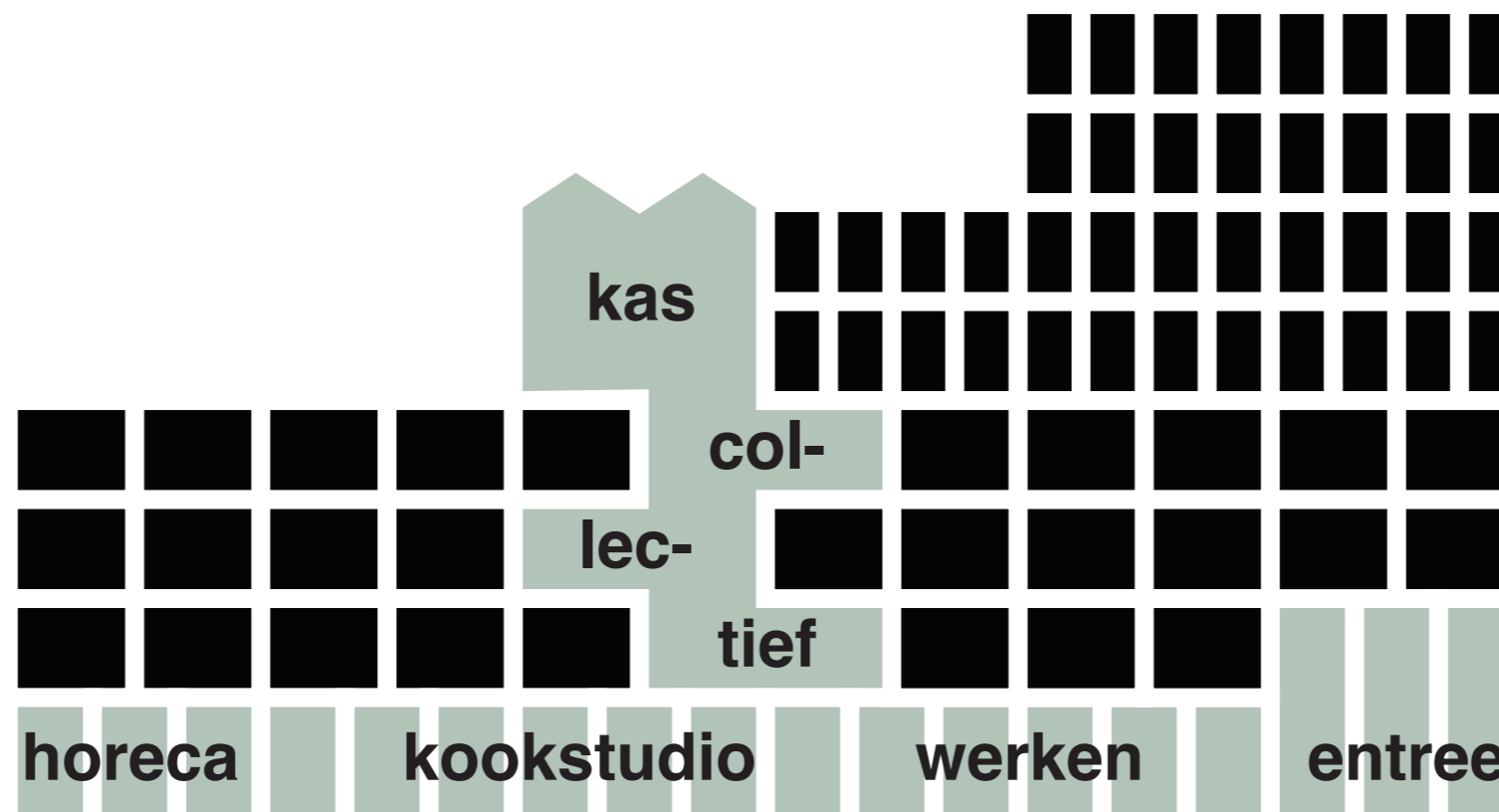
# Dwarsdoorsnede



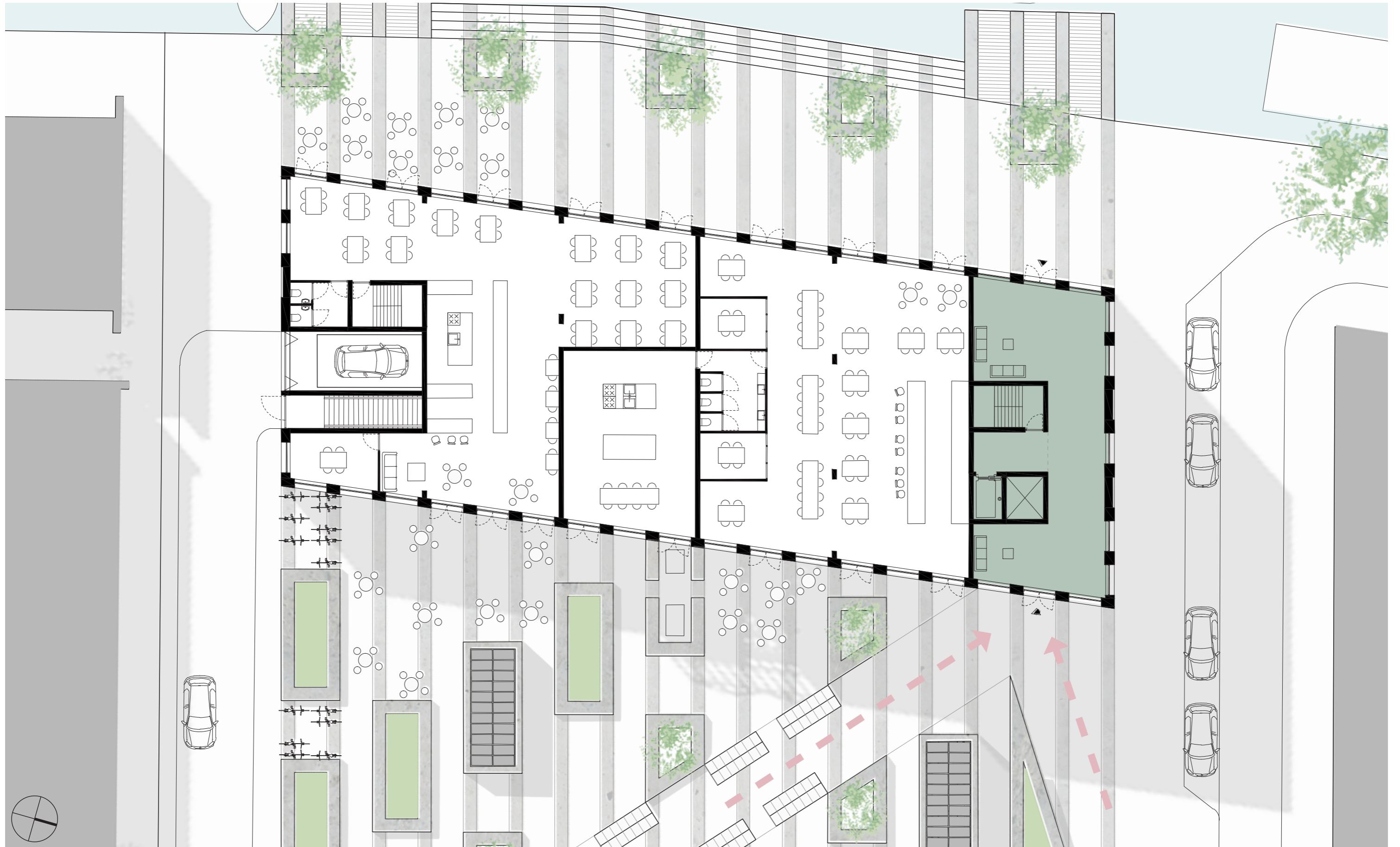
## Gevel als logo



# Programma



# Begane grond entree

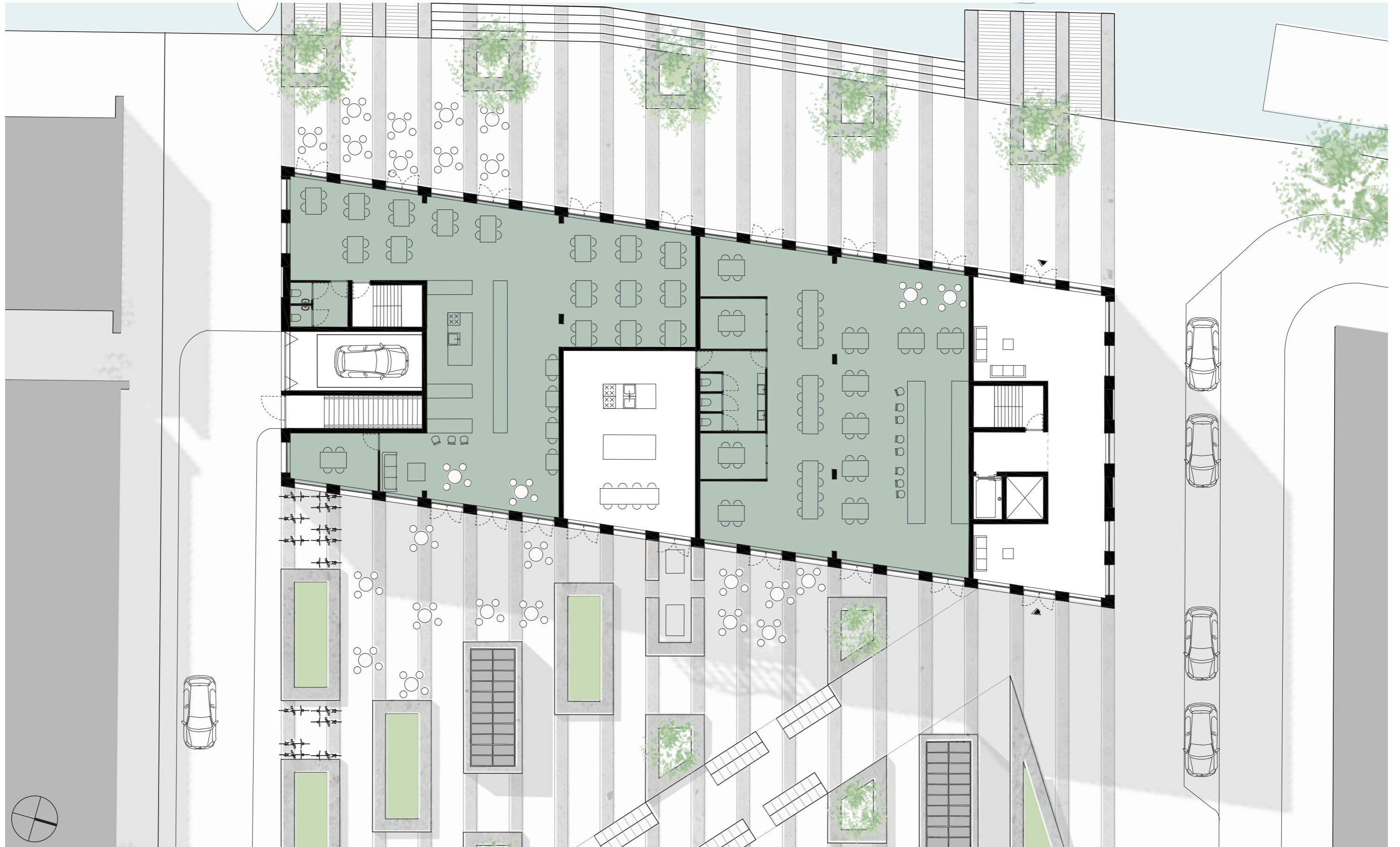


## Begane grond entree



# Begane grond

## Restaurant, lunch en werkplekken





# Begane grond kookstudio



# Gevel plein



# Plein



# Gevel waterkant



# Waterkant





# 1ste verdieping ontsluiting

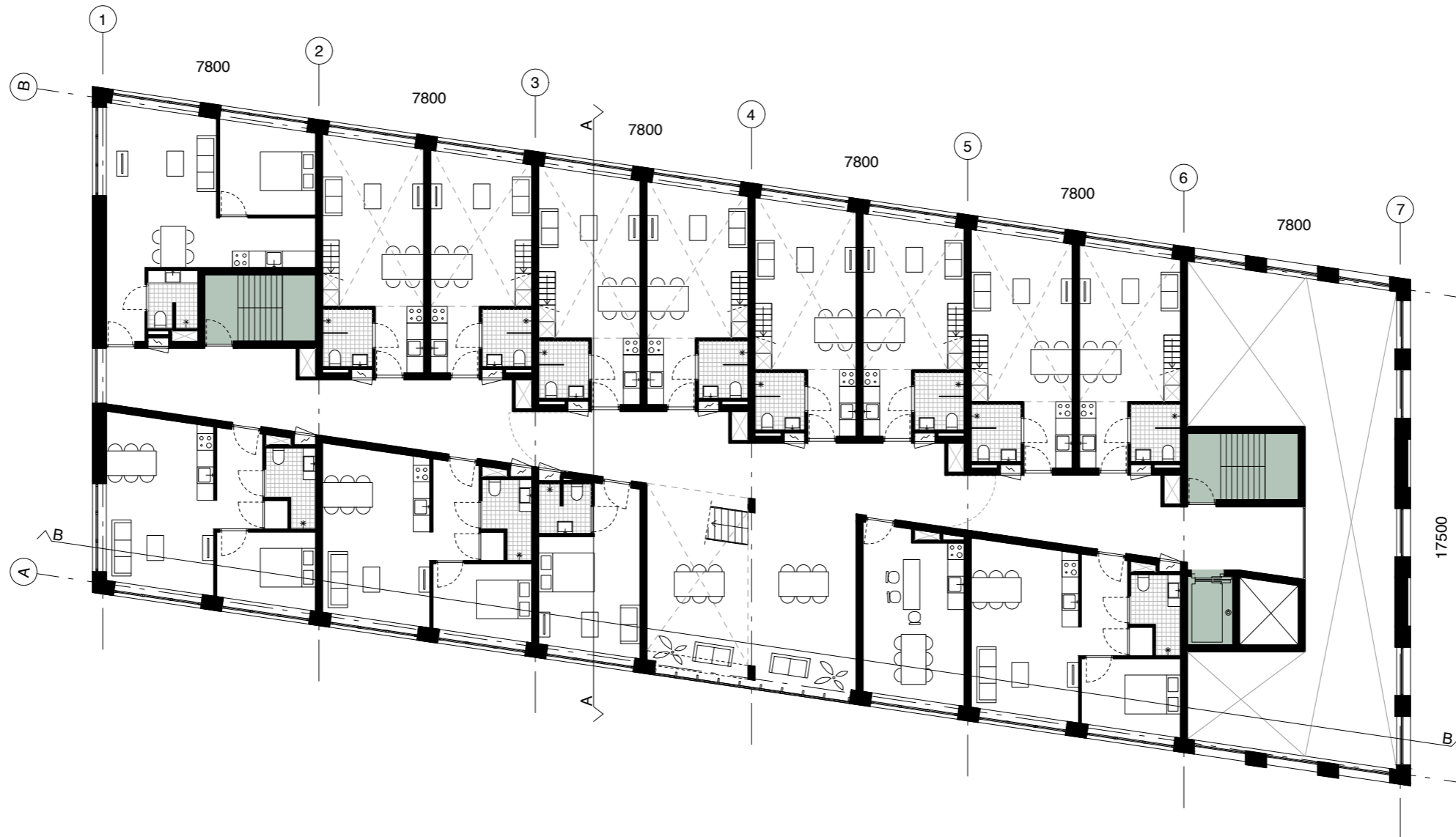


# 1ste verdieping Corridor

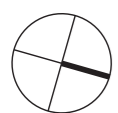




# 1ste verdieping stijpunten



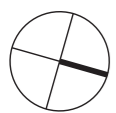
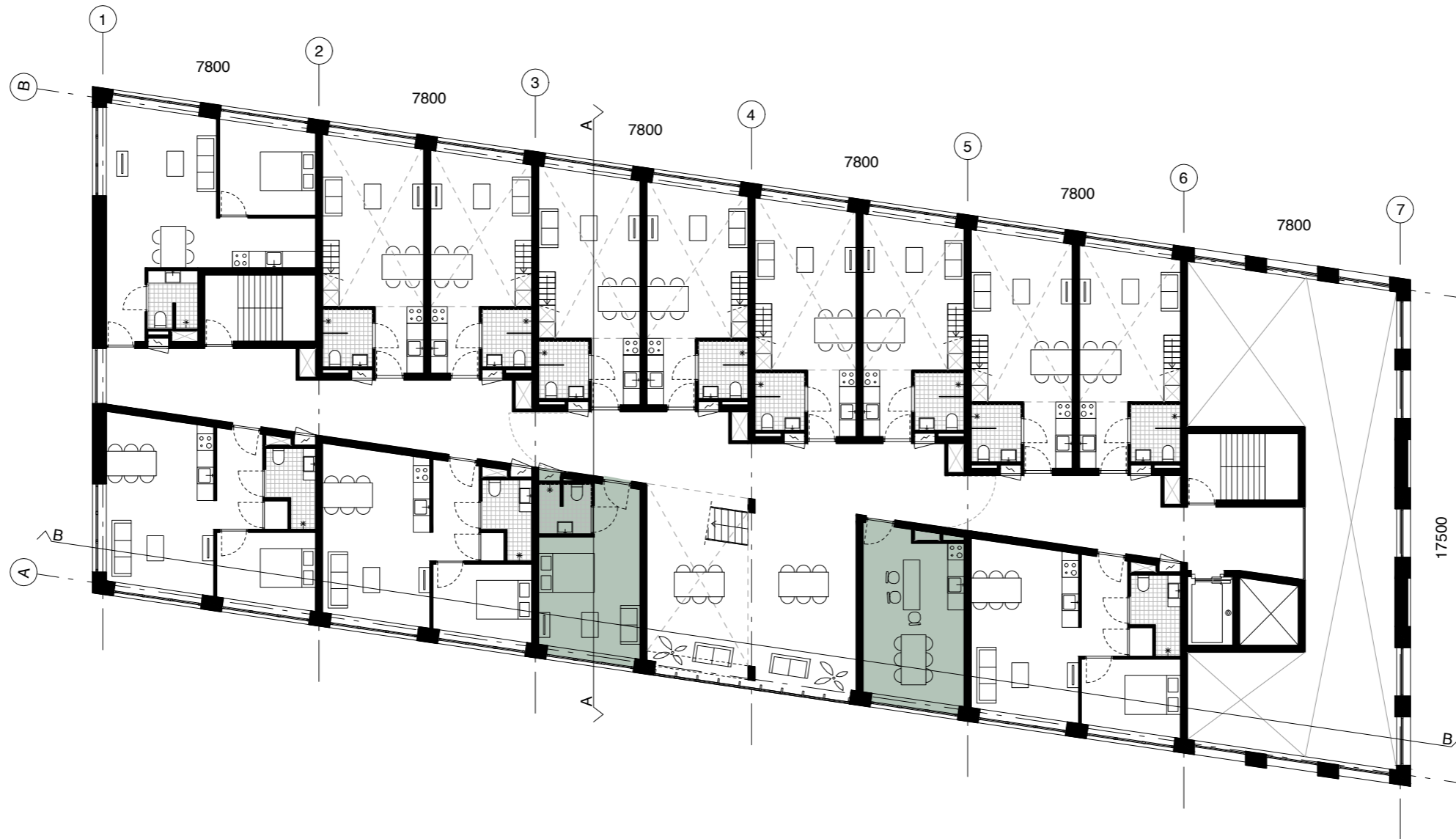
# 1ste verdieping collectief



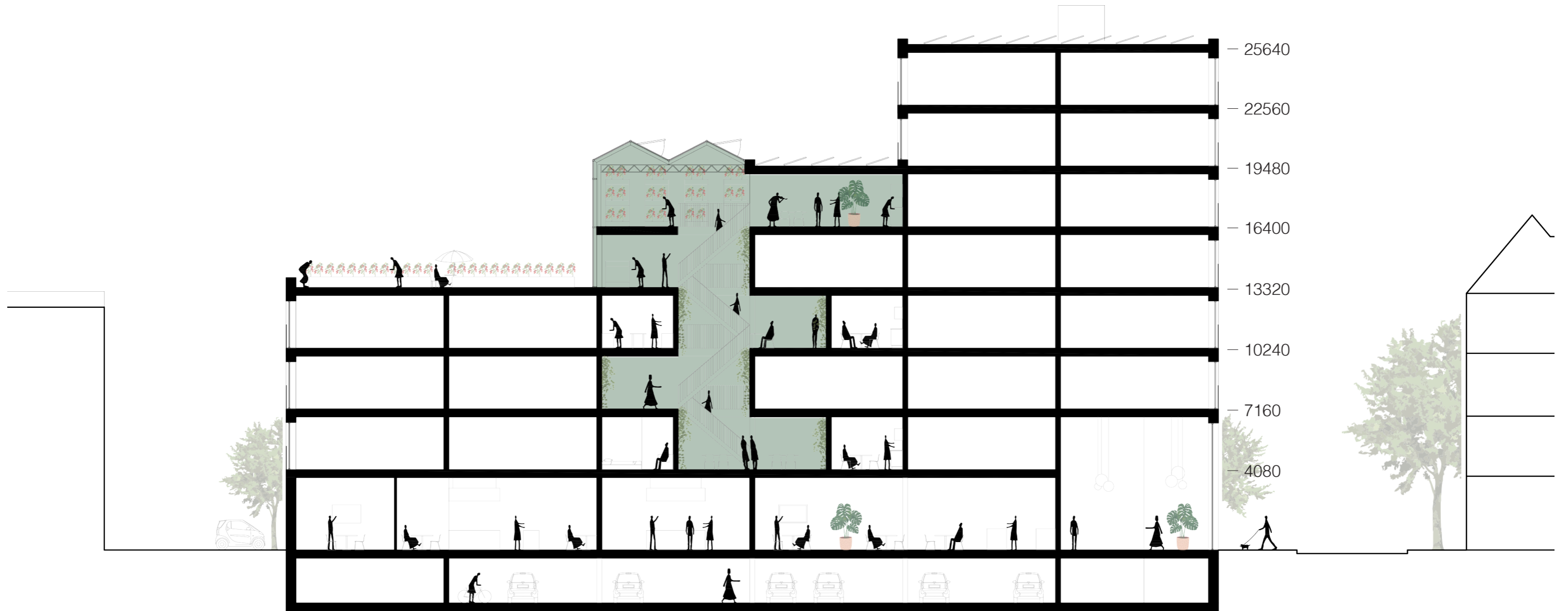
1ste verdieping  
collectief



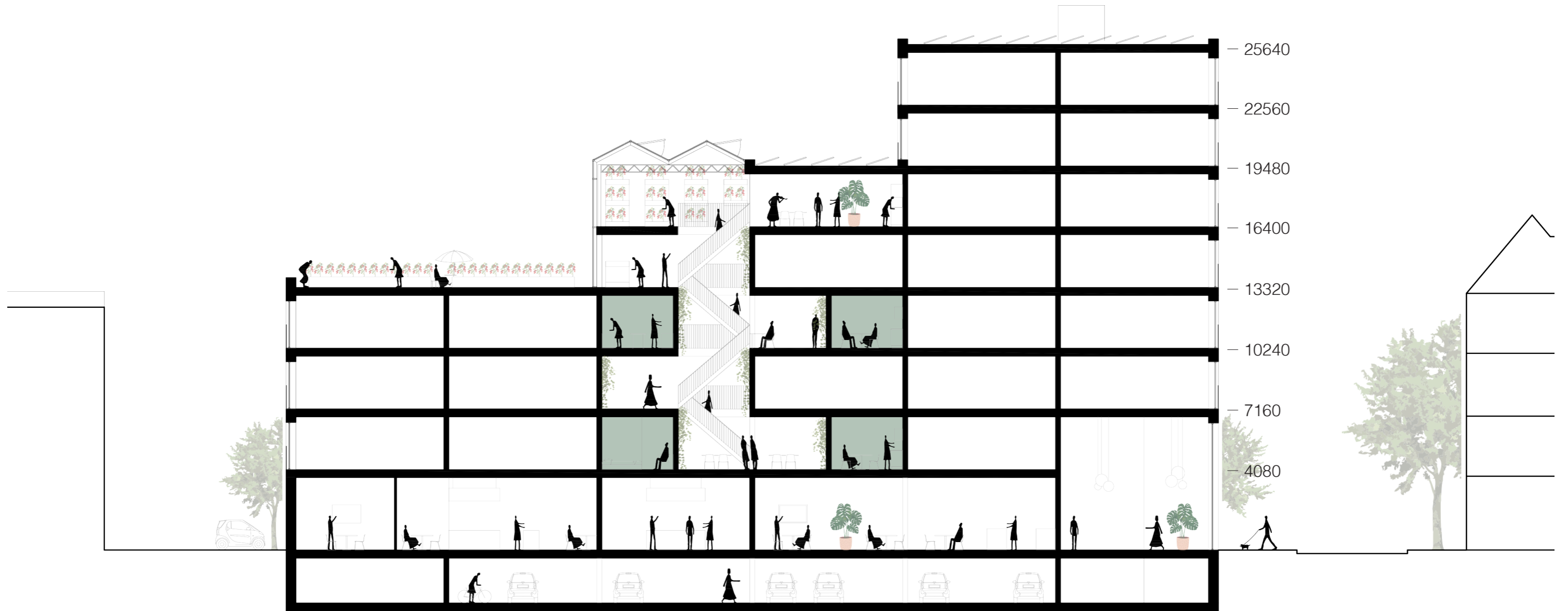
# 1ste verdieping semi - collectief



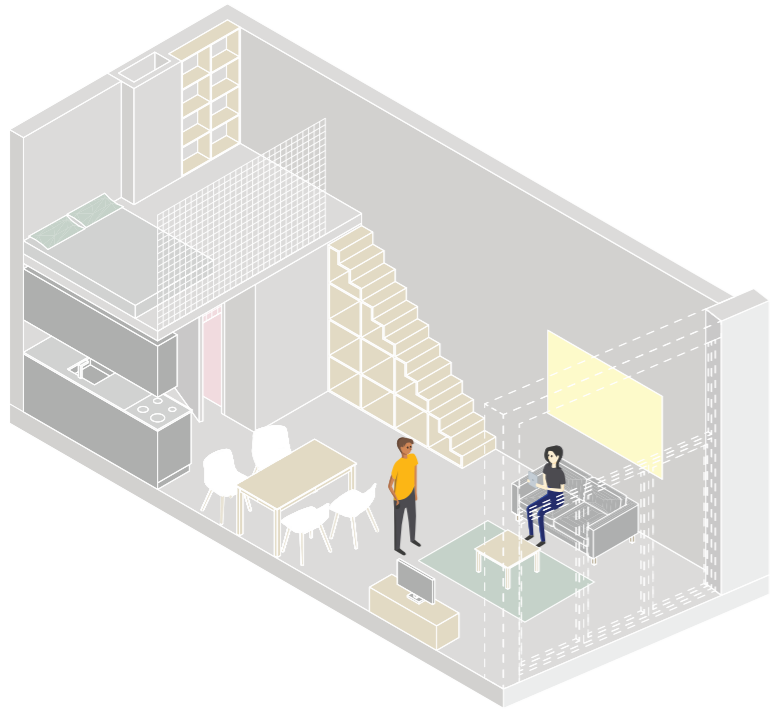
# Doorsnede BB collectief en kas



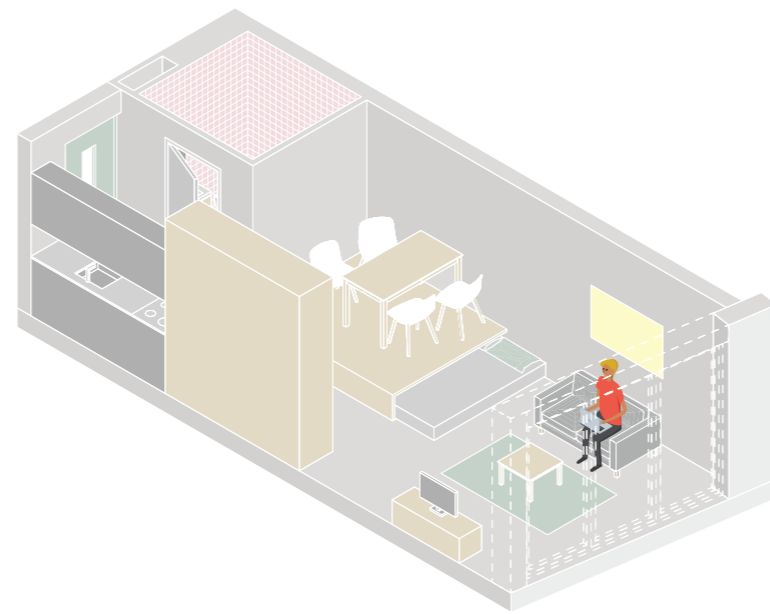
# Doorsnede BB semi-collectief



# Woningtypes



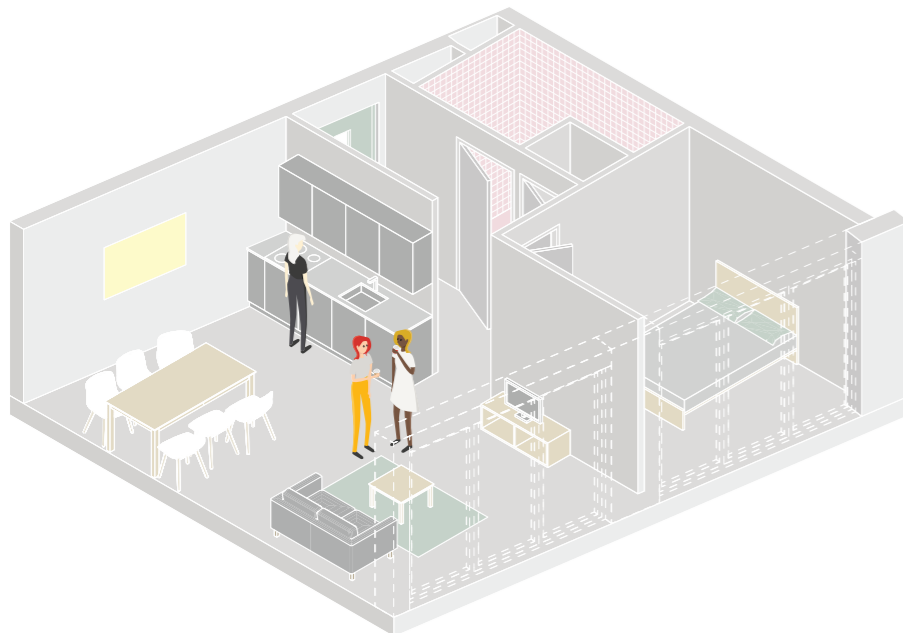
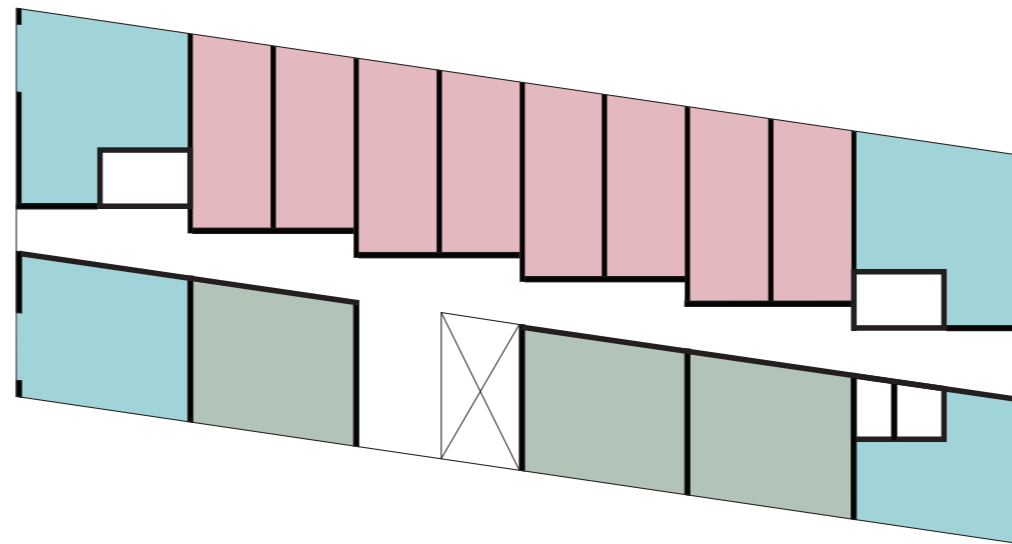
**Type A1** - Compacte loft



**Type A2** - Compacte studio



**Type A3** - twee A2's gekoppeld



**Type B1** - Pleinwoning



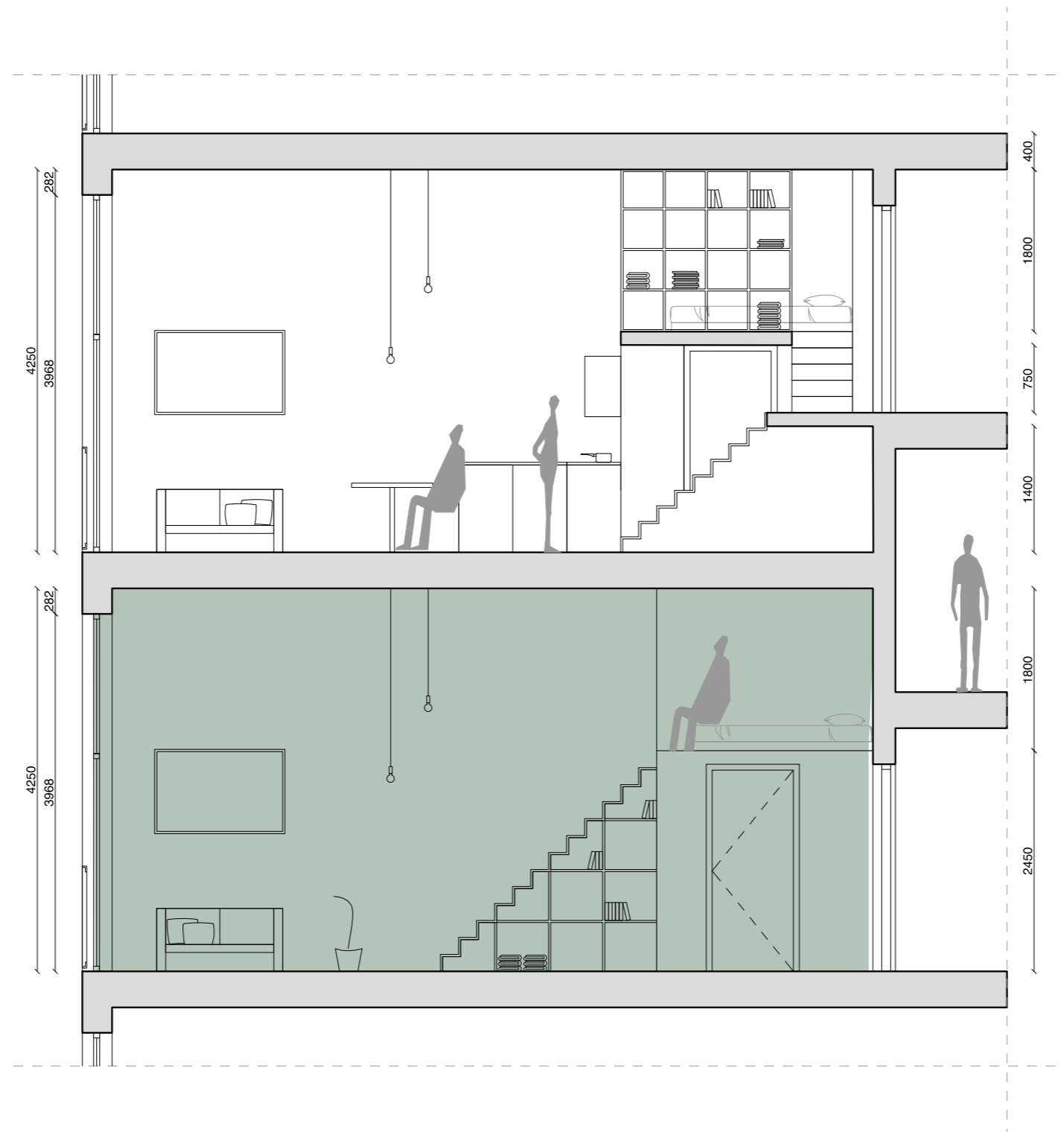
**Type B2** - hoekwoning

# 1ste verdieping Type A1 - compacte lofts





# Doorsnede Type A1 - compacte lofts

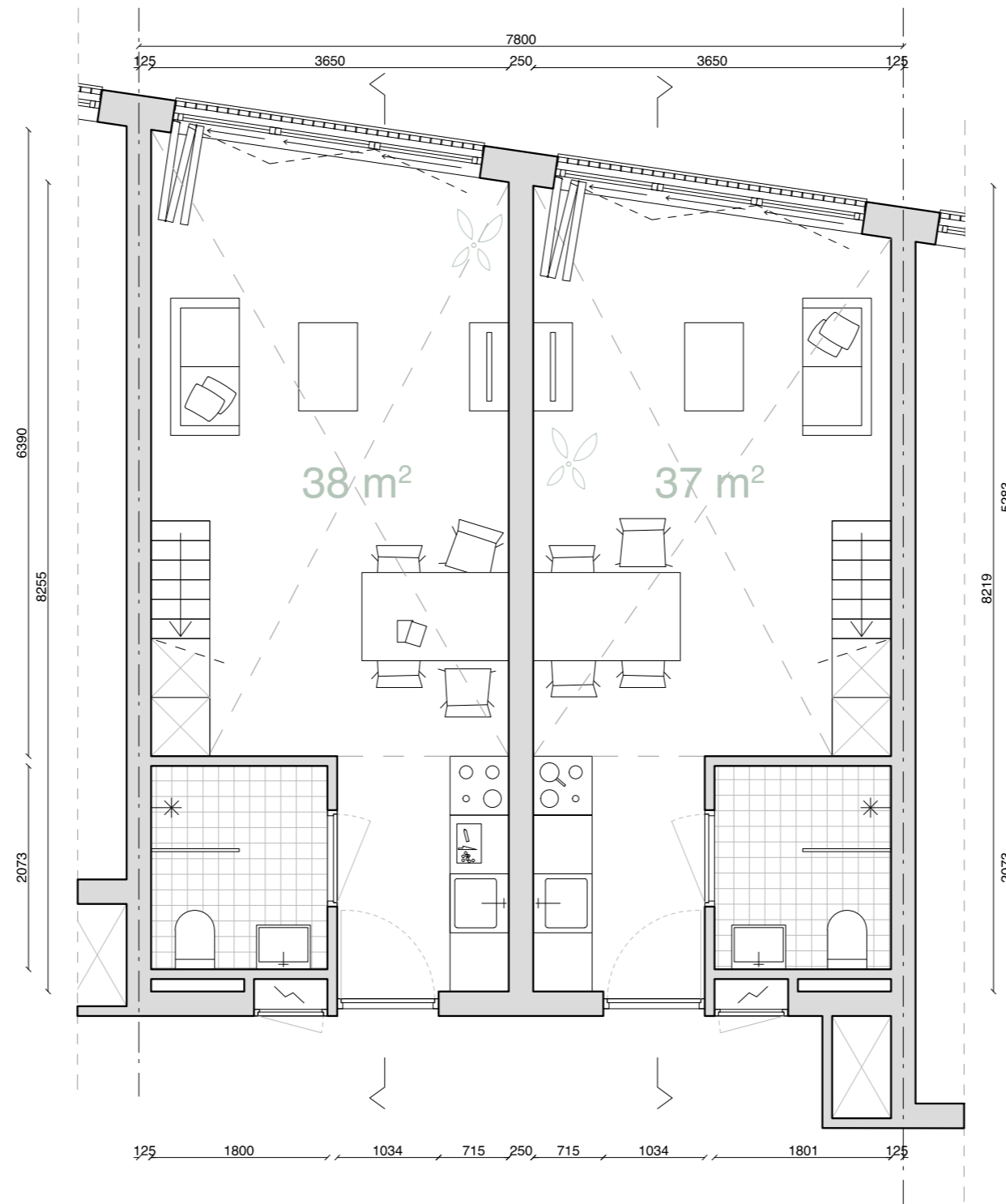


# Isometrie

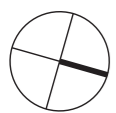
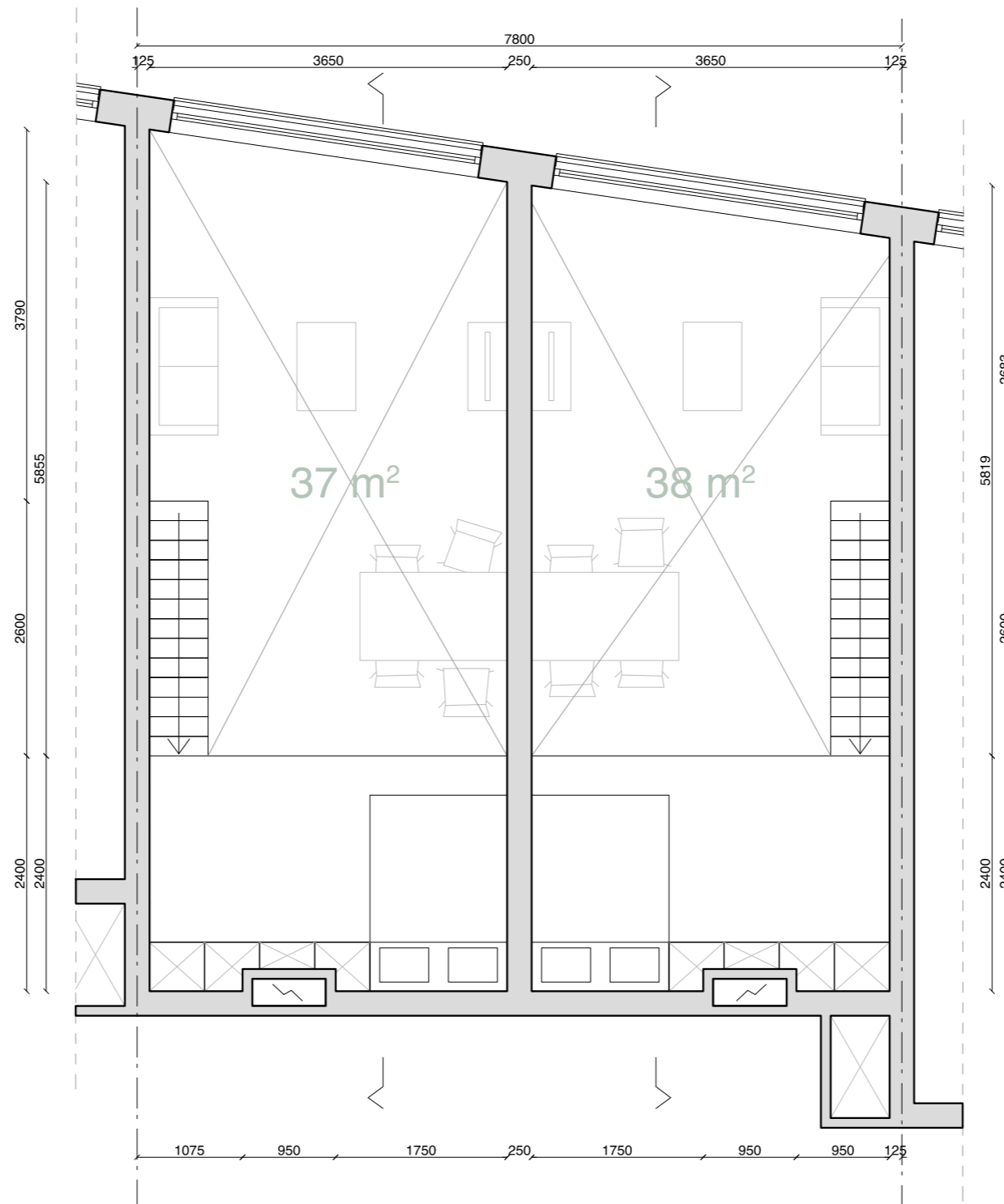
## Type A1 - compacte lofts



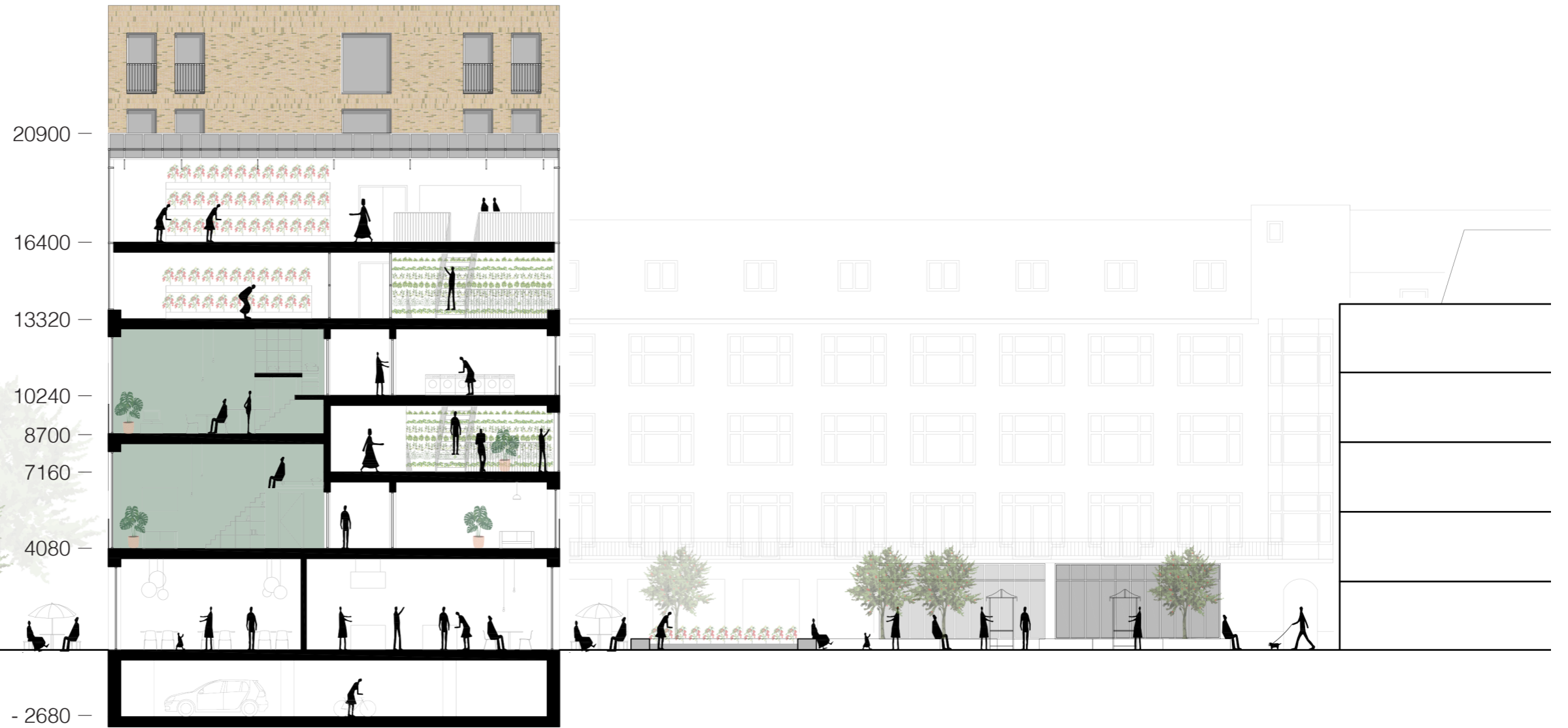
# Plattegrond Type A1 - compacte lofts



# Plattegrond Type A1 - compacte lofts



# Doorsnede AA compacte lofts



# Gevel waterkant



# Eerste verdieping Type B1 - plein woning



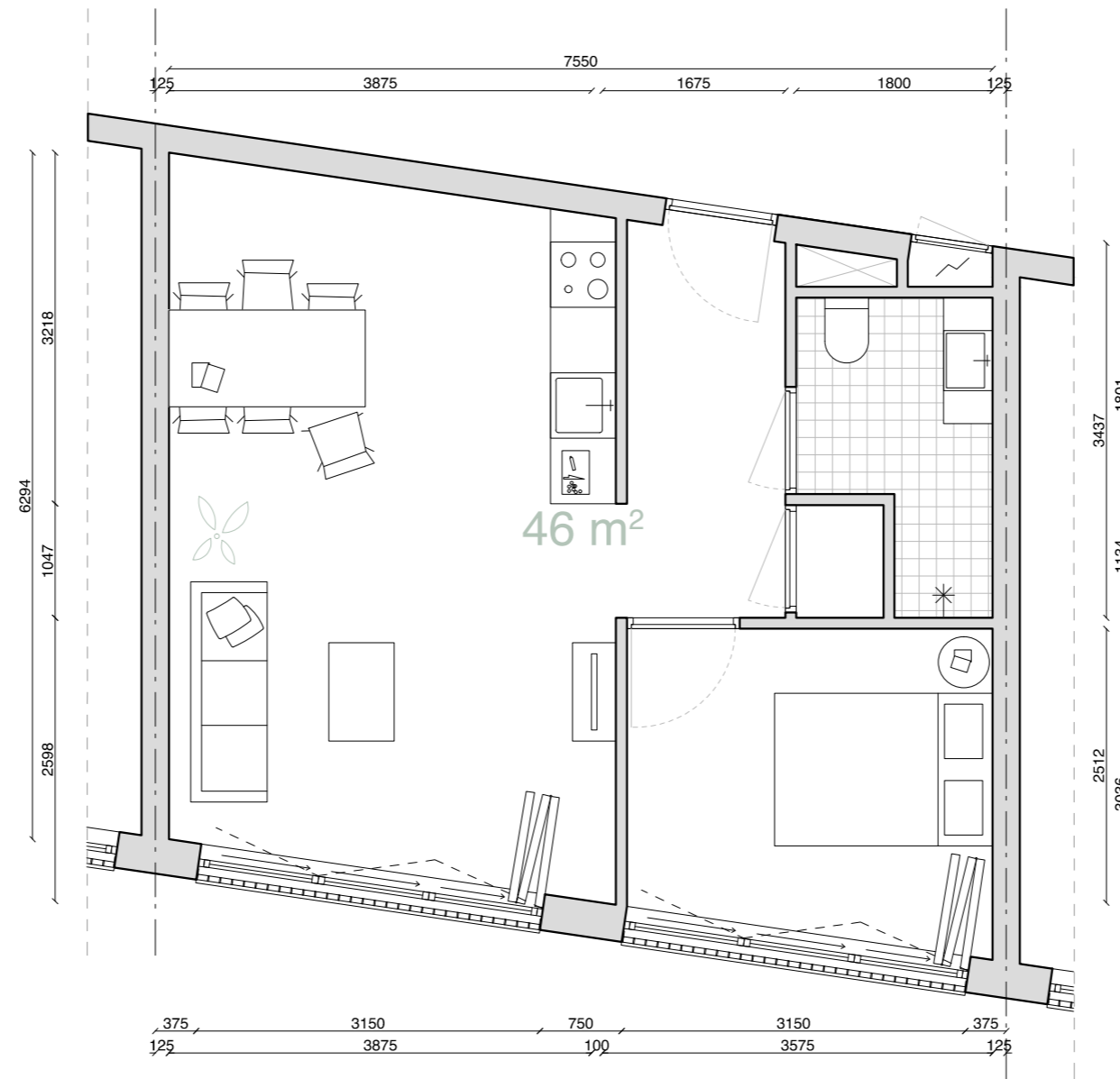
# Isometrie

## Type B1 - plein woning

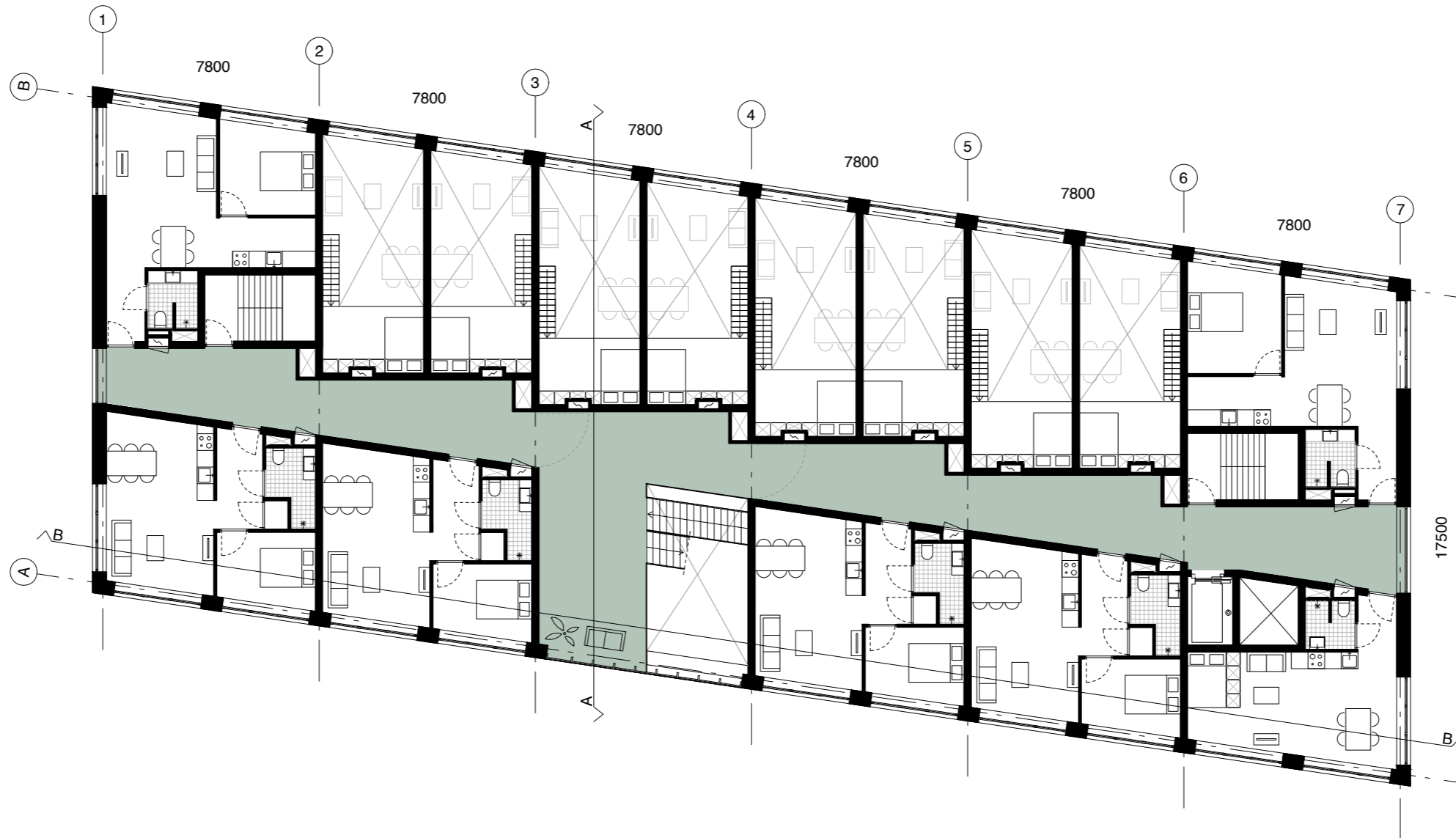




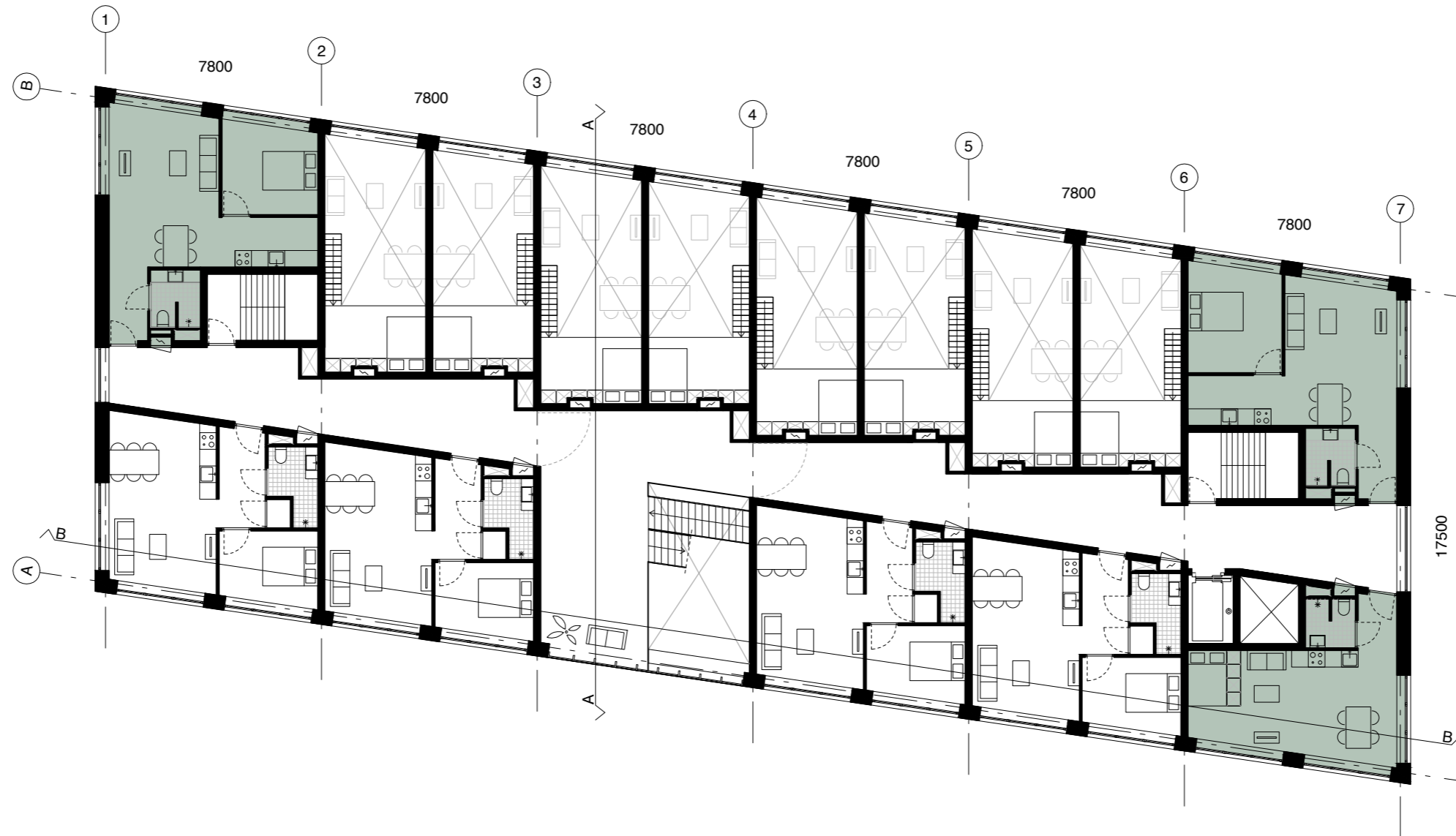
# Plattegrond Type B1 - plein woning



# 2de verdieping Corridor en collectief



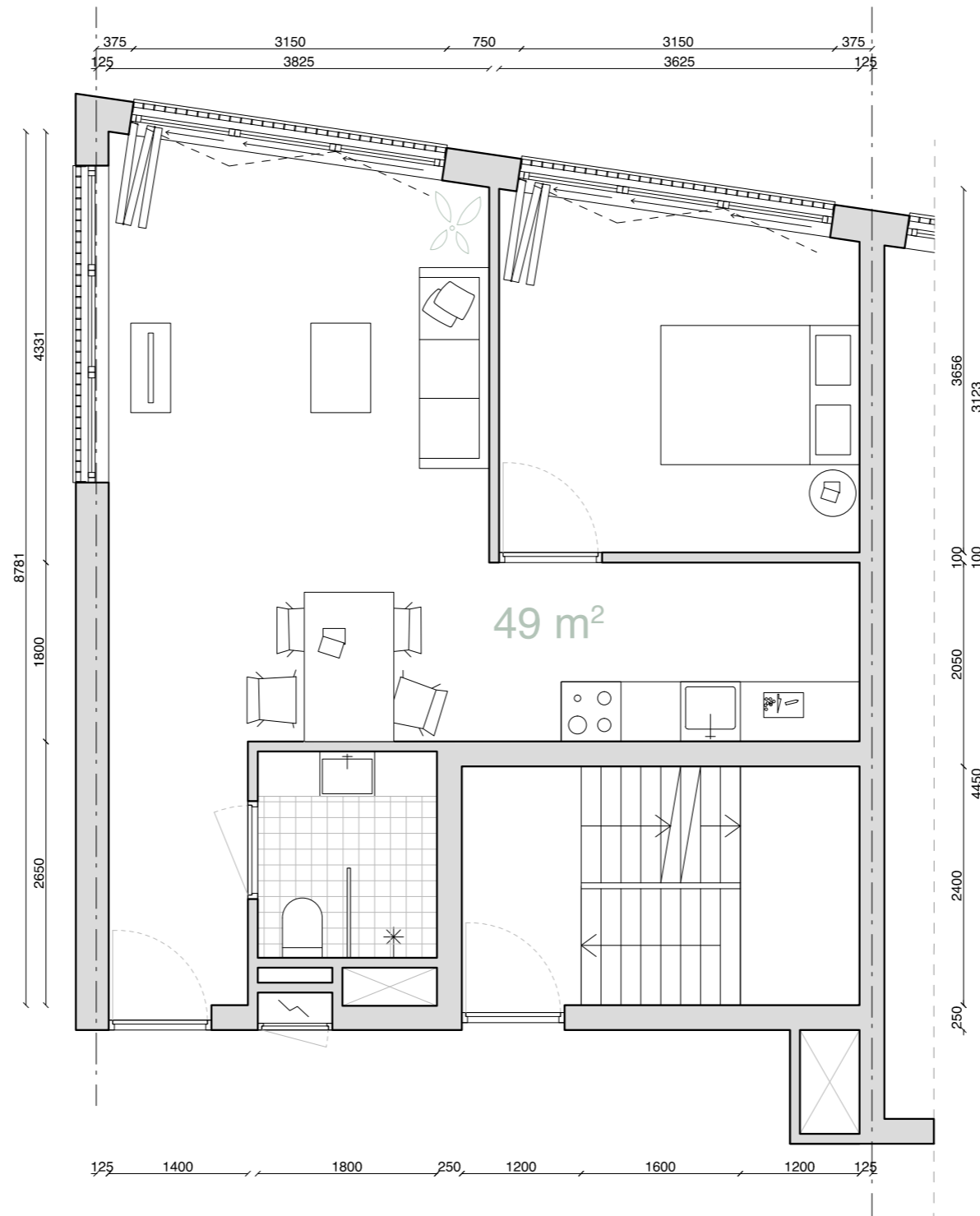
# 2de verdieping Type B2 - hoek woningen



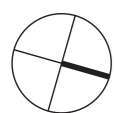
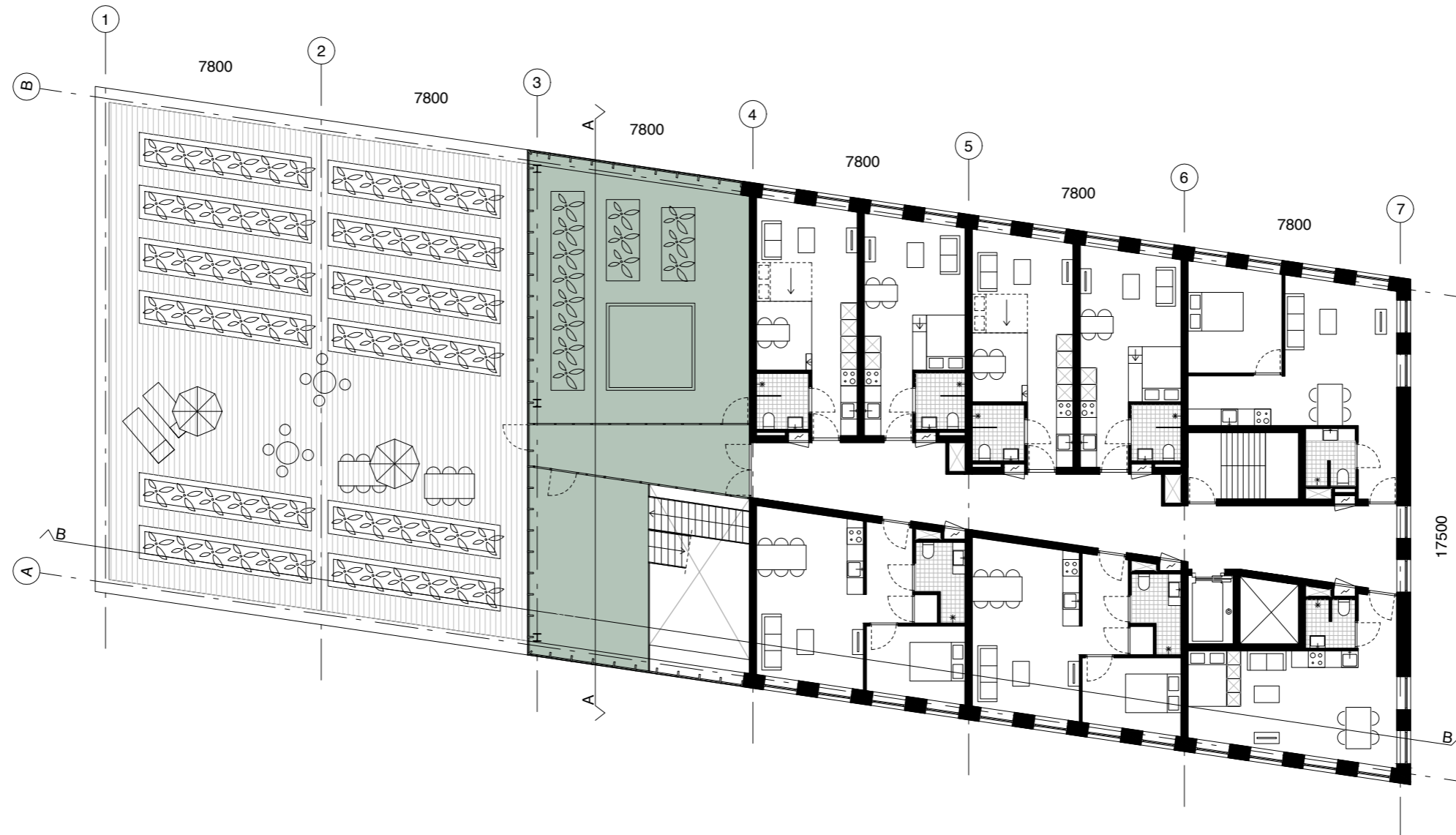
# Isometrie Type B2 - hoek woning



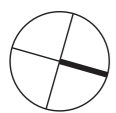
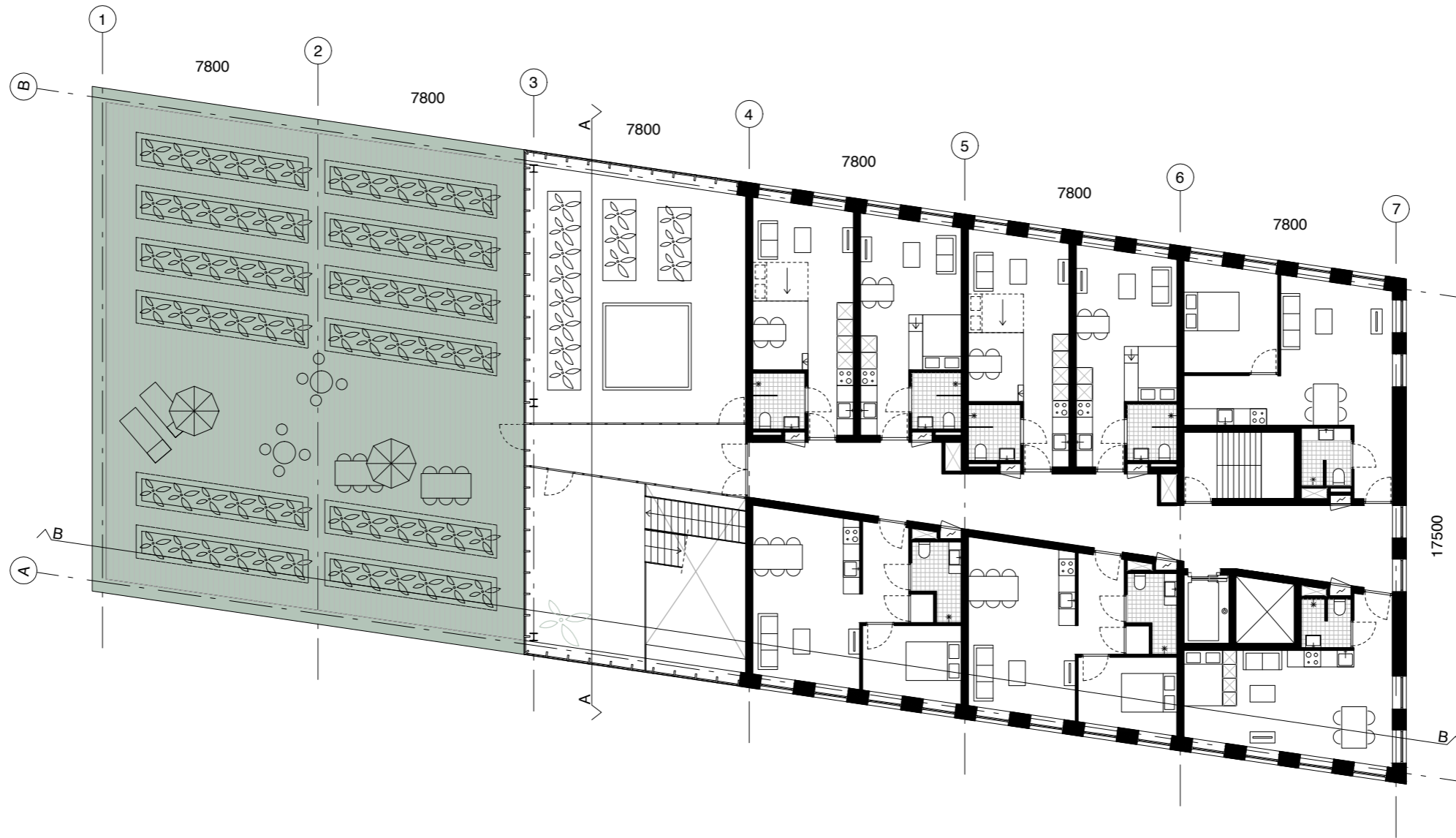
# Plattegrond Type B2 - hoek woning



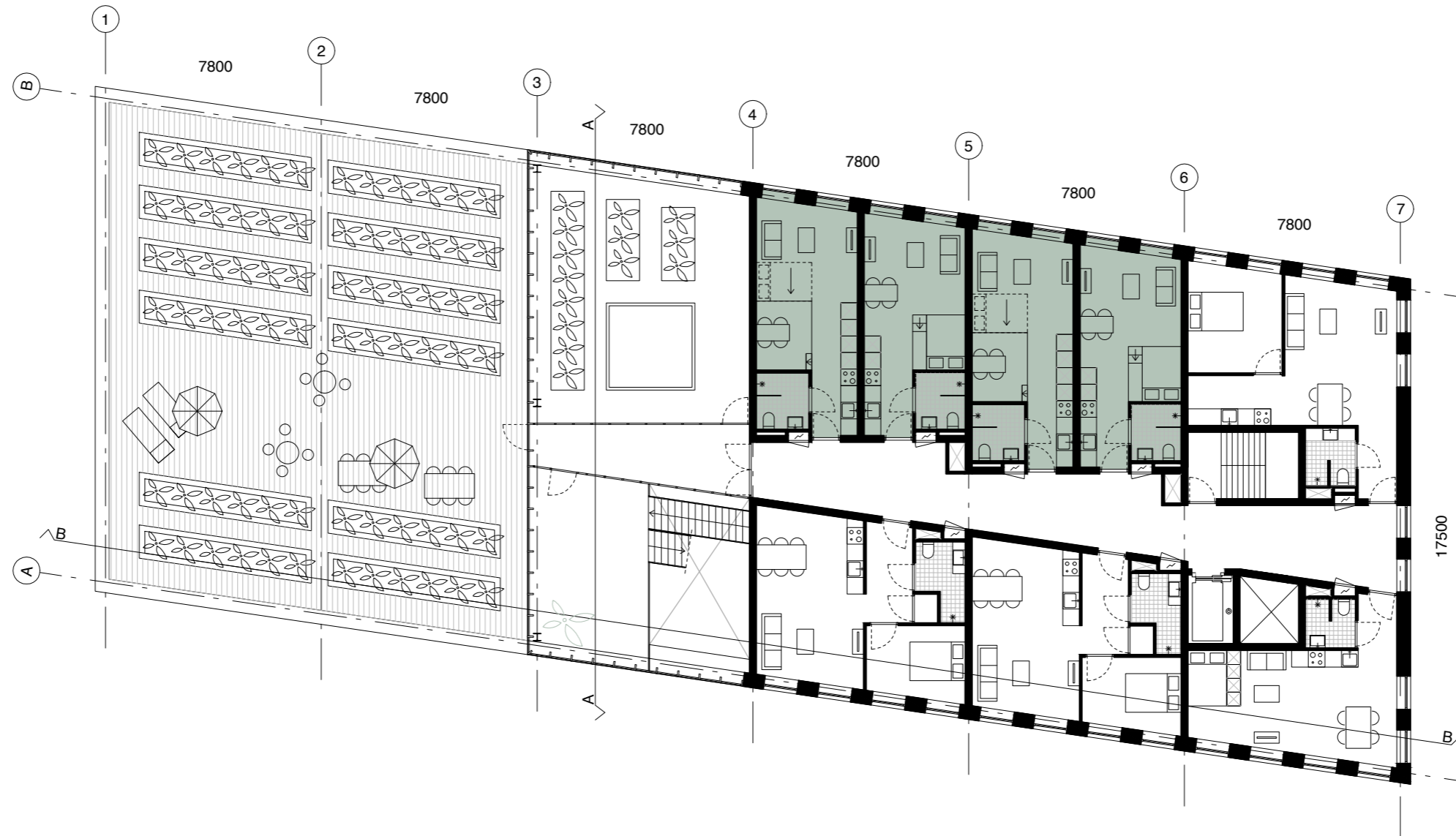
# 4de verdieping Kas



# 4de verdieping Dakterras moestuin



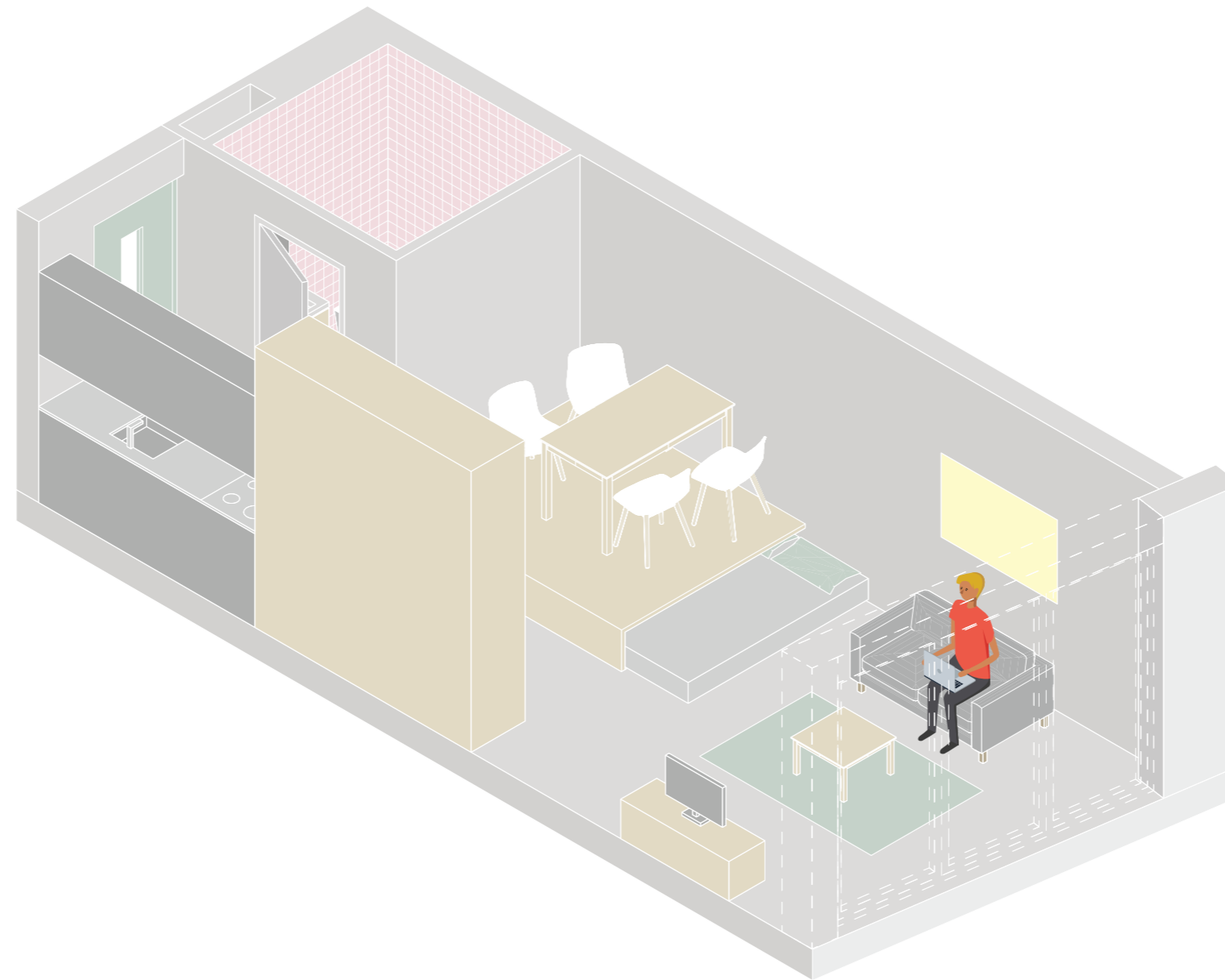
# 4de verdieping Type A2 - compacte studio





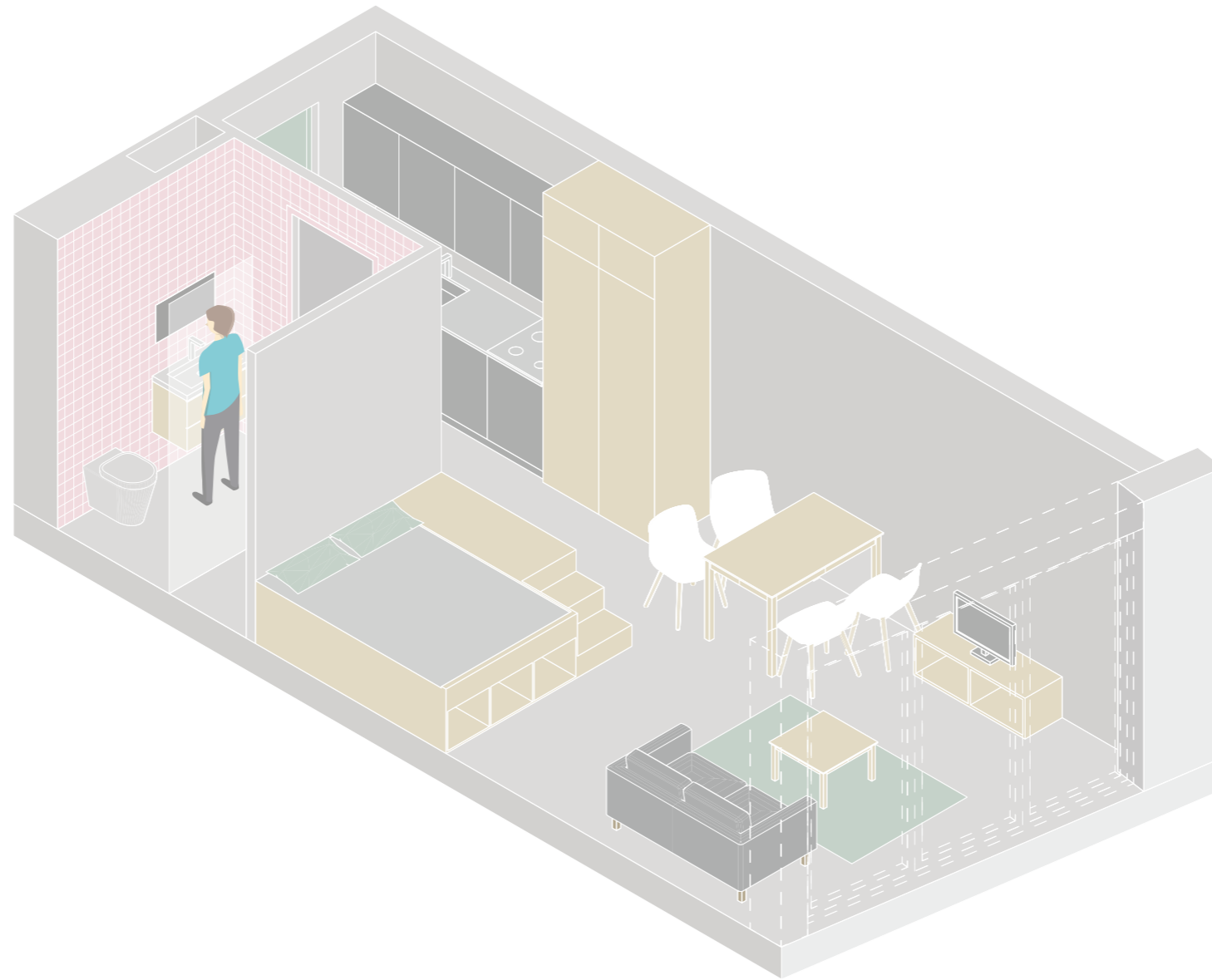
# Isometrie

## Type A2 - compacte studio 1

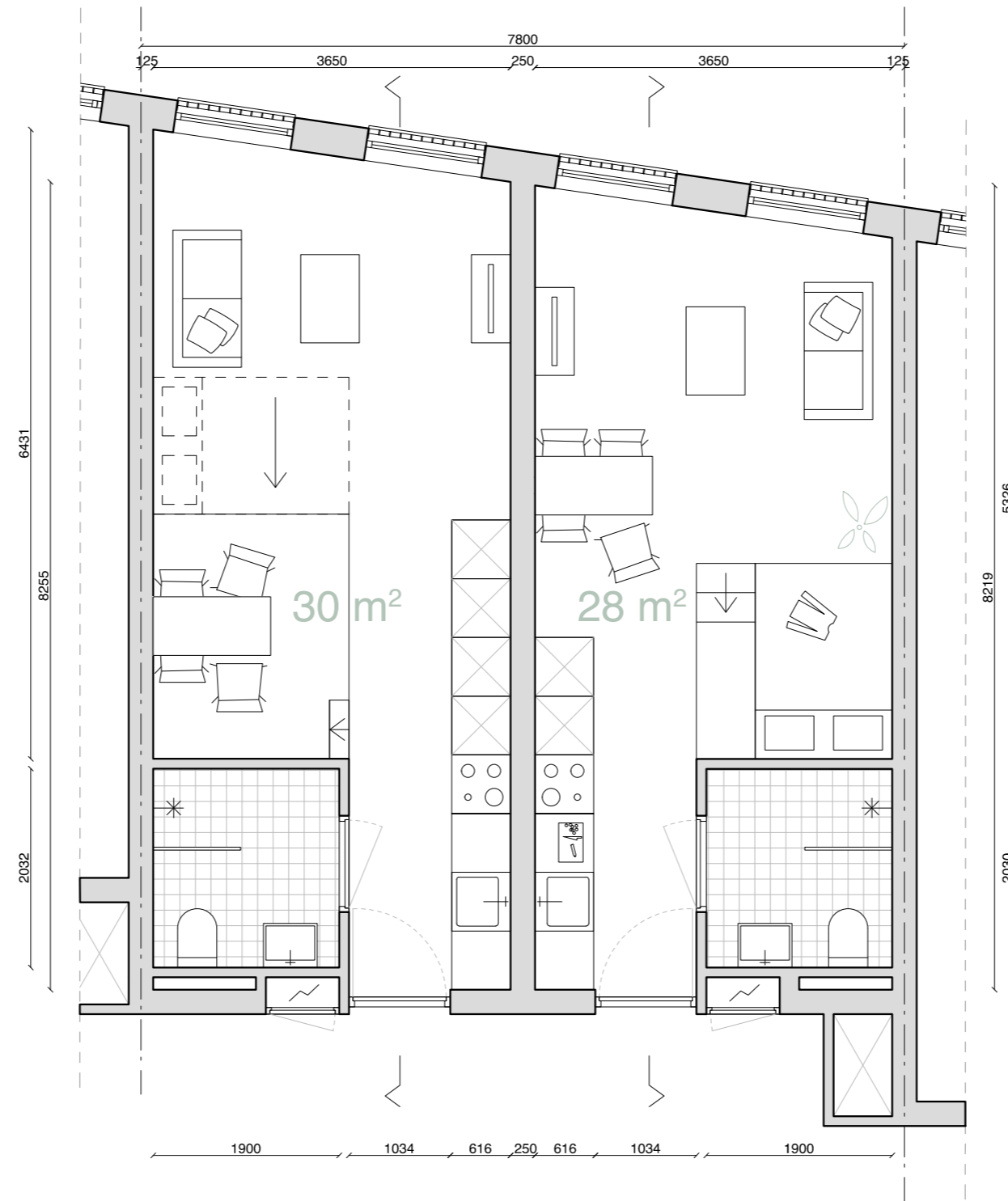


# Isometrie

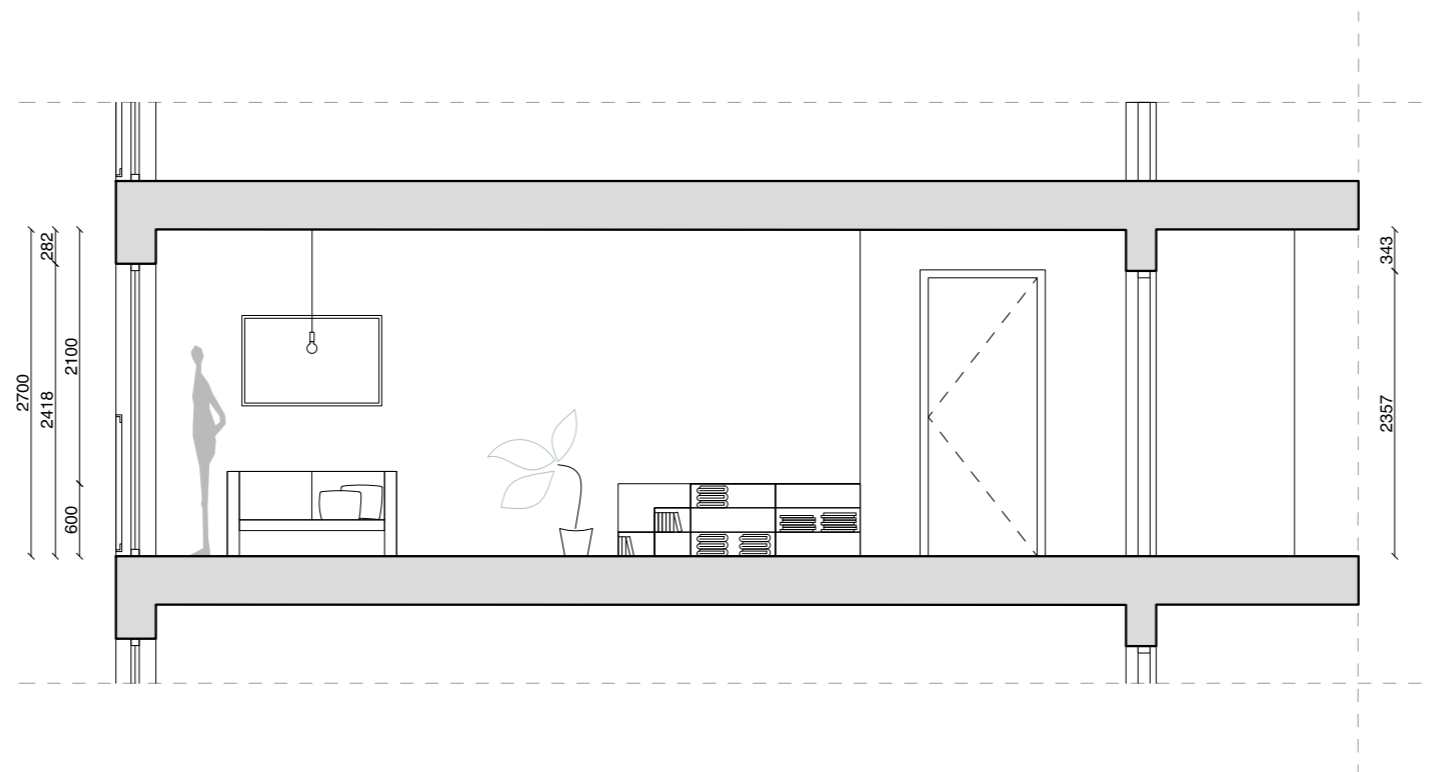
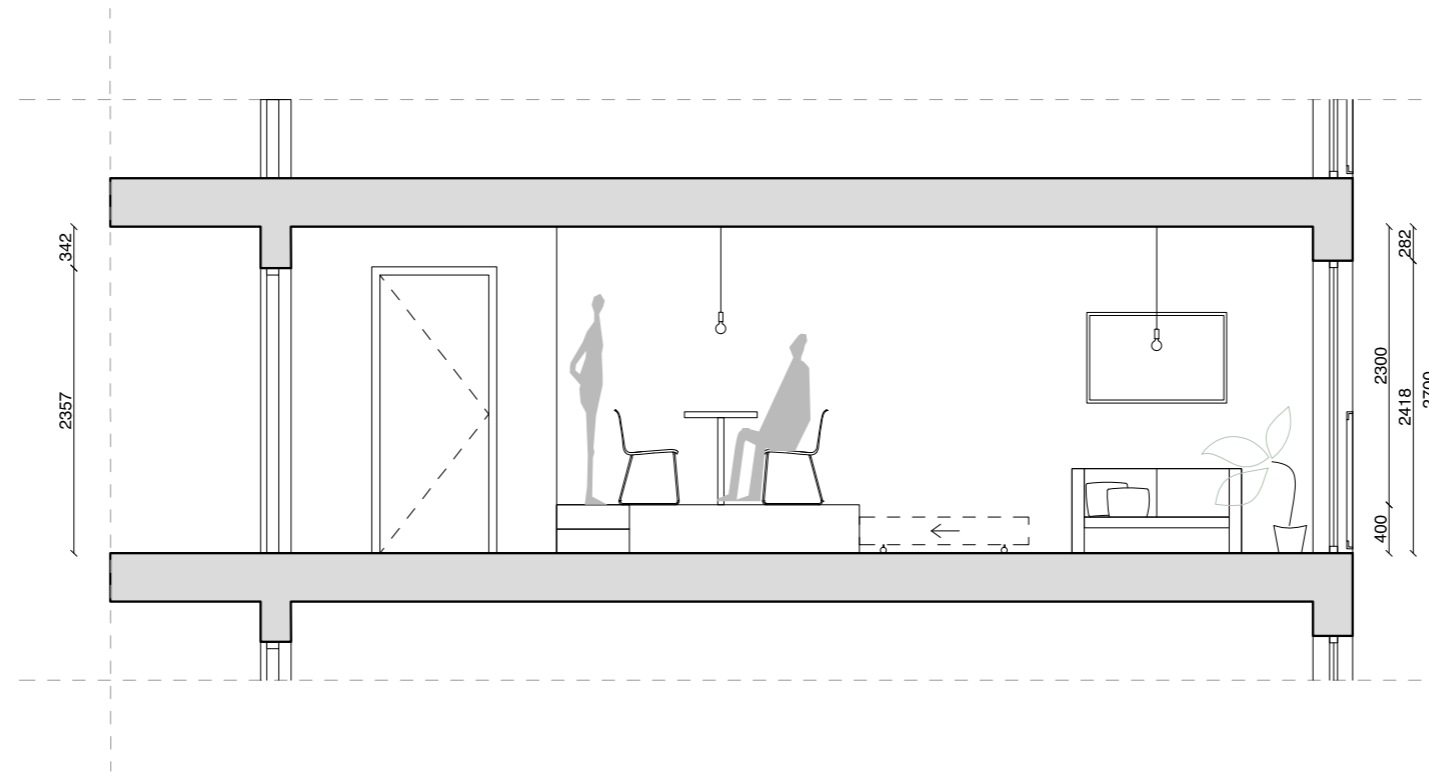
## Type A2 - compacte studio 2



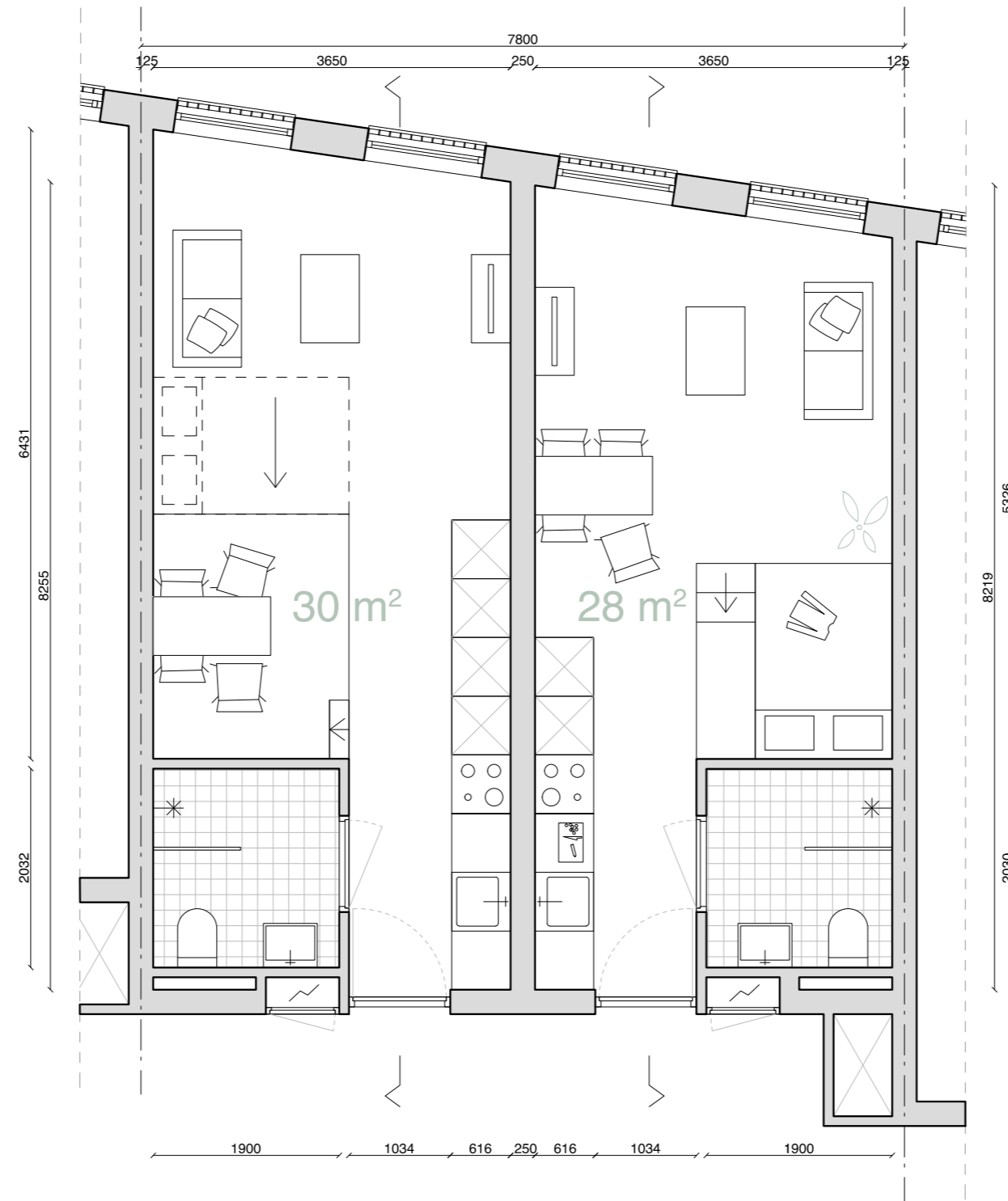
# Plattegrond Type A2 - compacte studio



# Doorsnede Type A2 - compacte studio

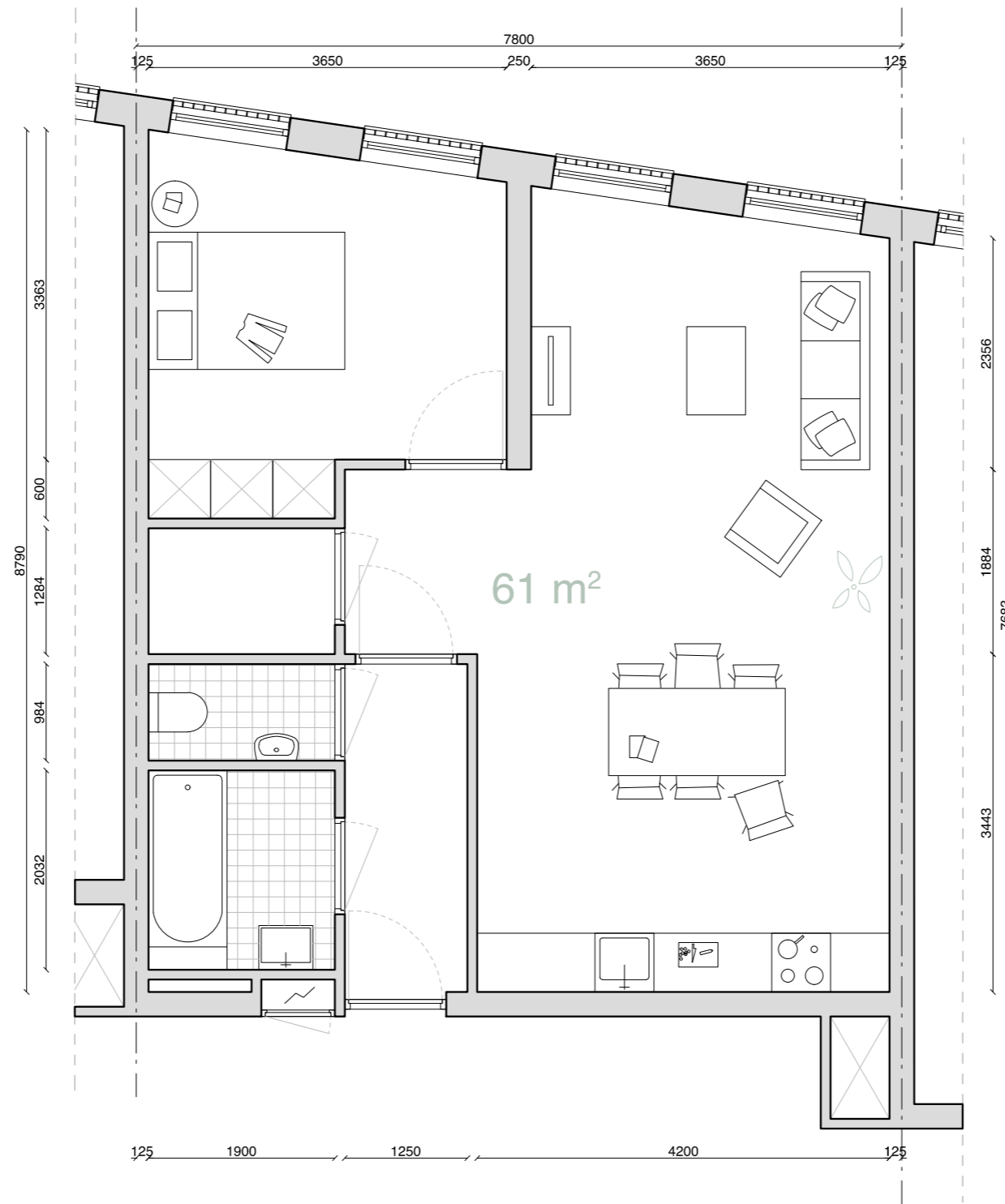


# Plattegrond Type A2 - compacte studio



# Plattegrond

## Type A3 - compacte studio's gekoppeld

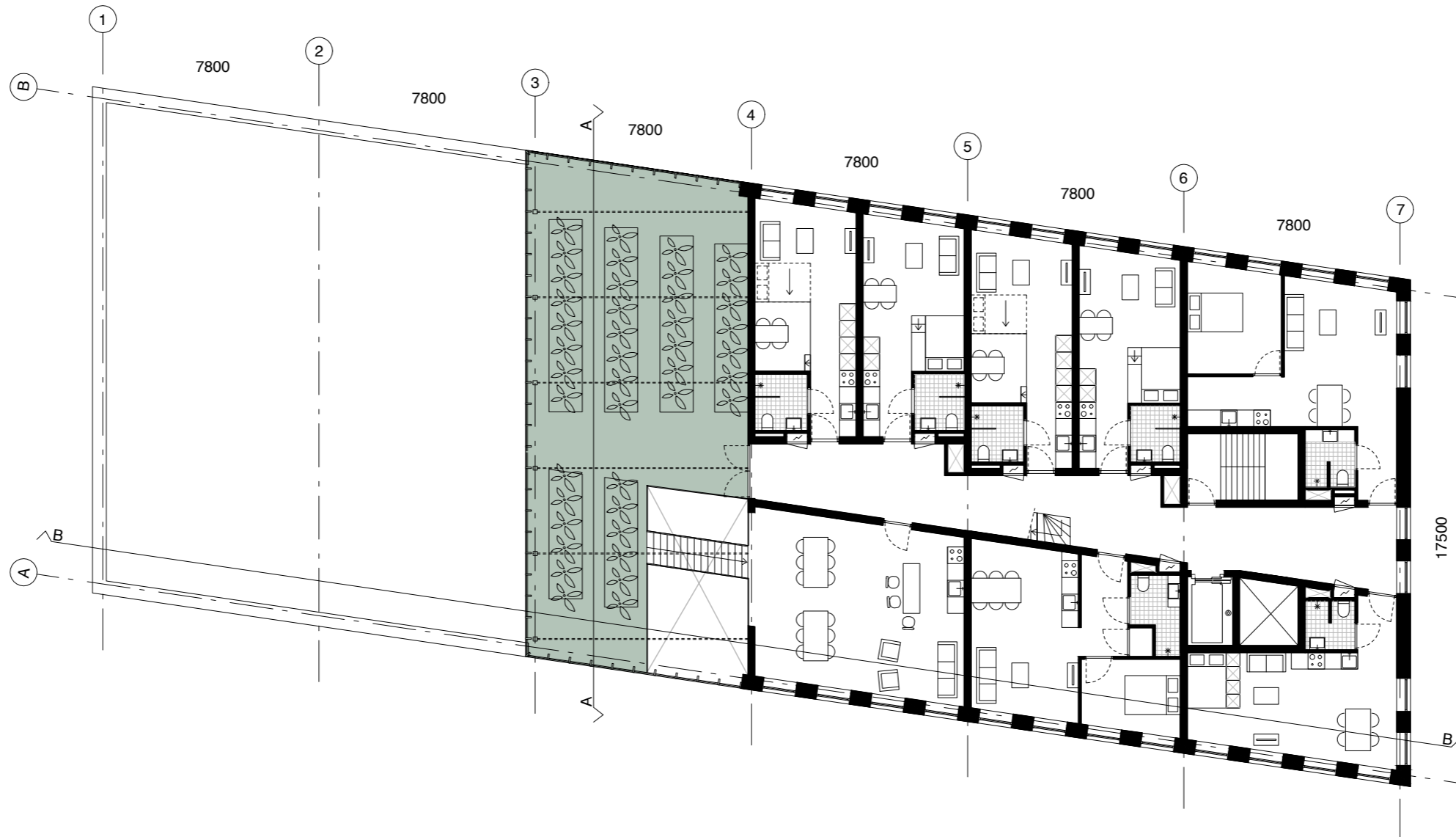


# Isometrie

## Type A3 - compacte studio's gekoppeld

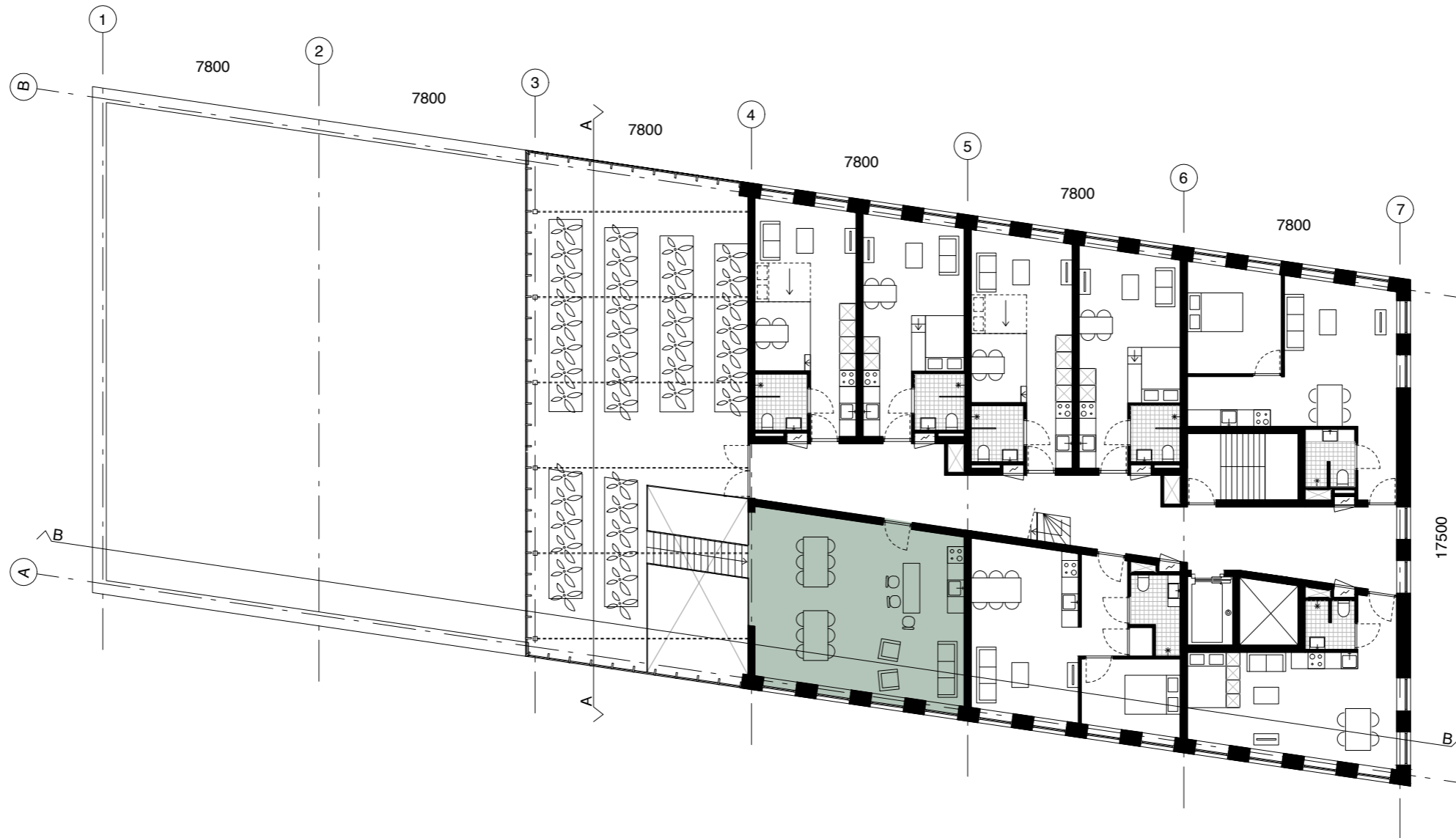


# 5de verdieping Kas

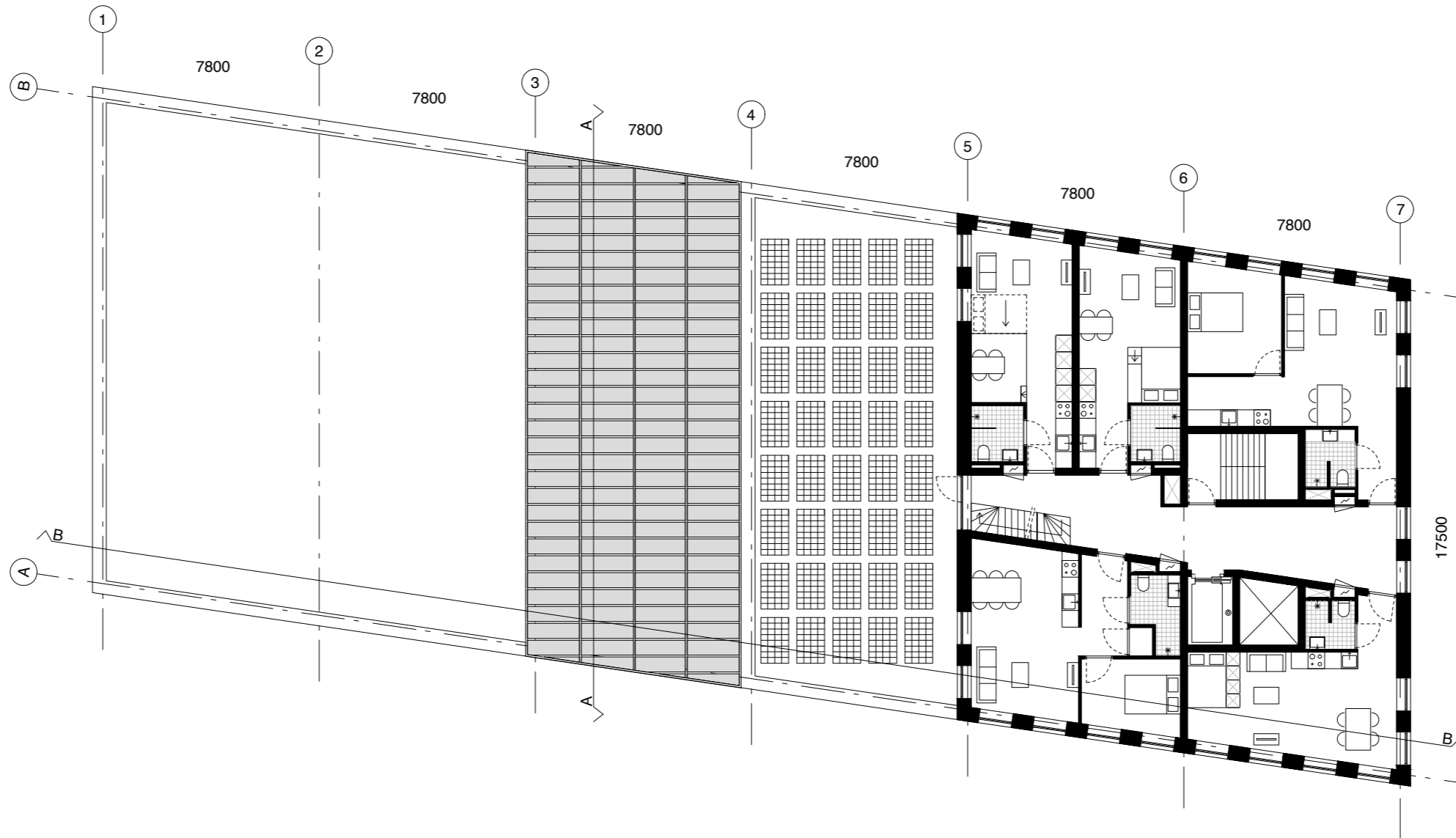


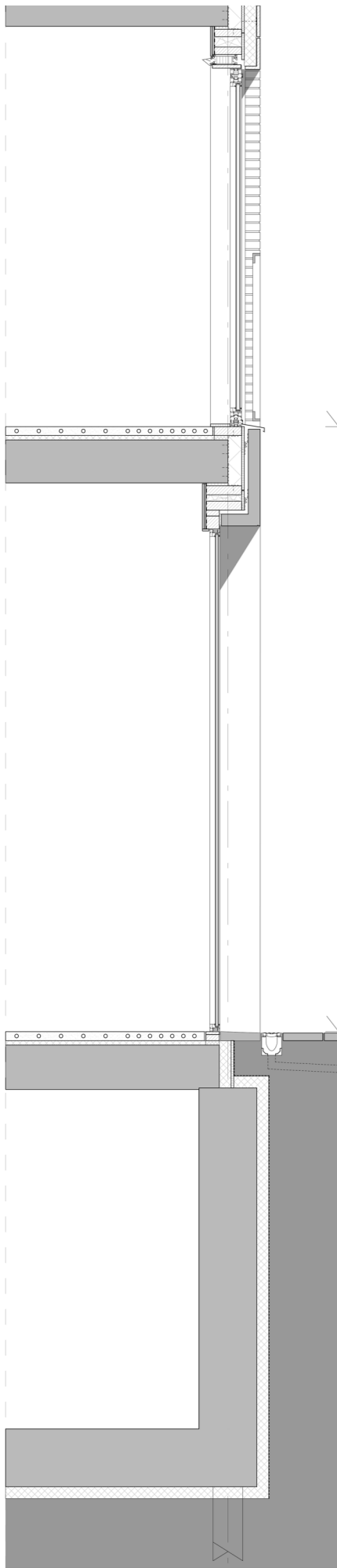


# 5de verdieping Collectief



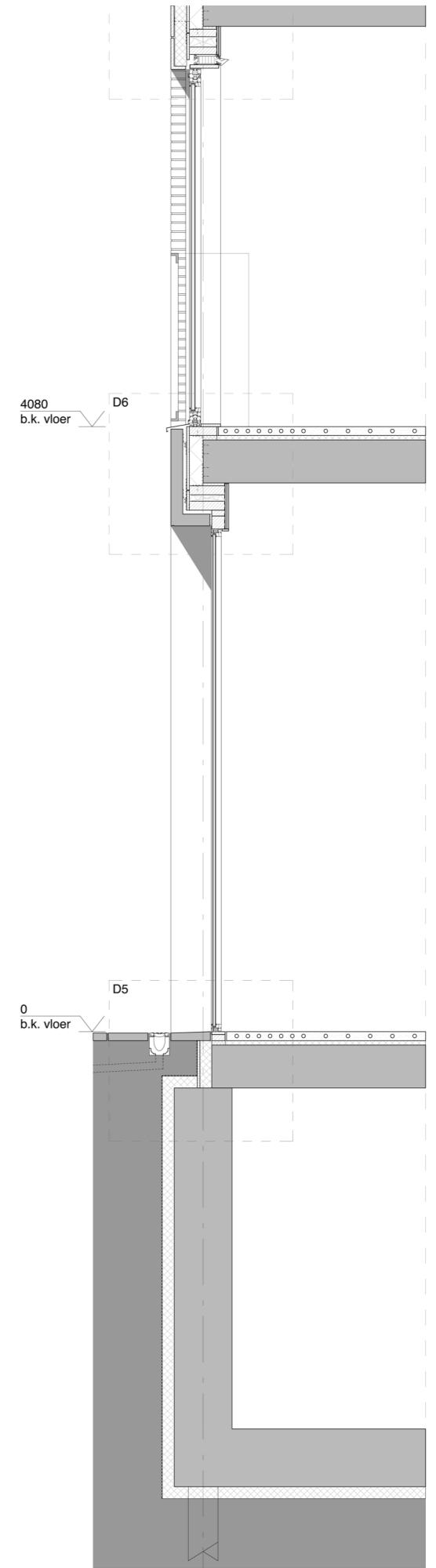
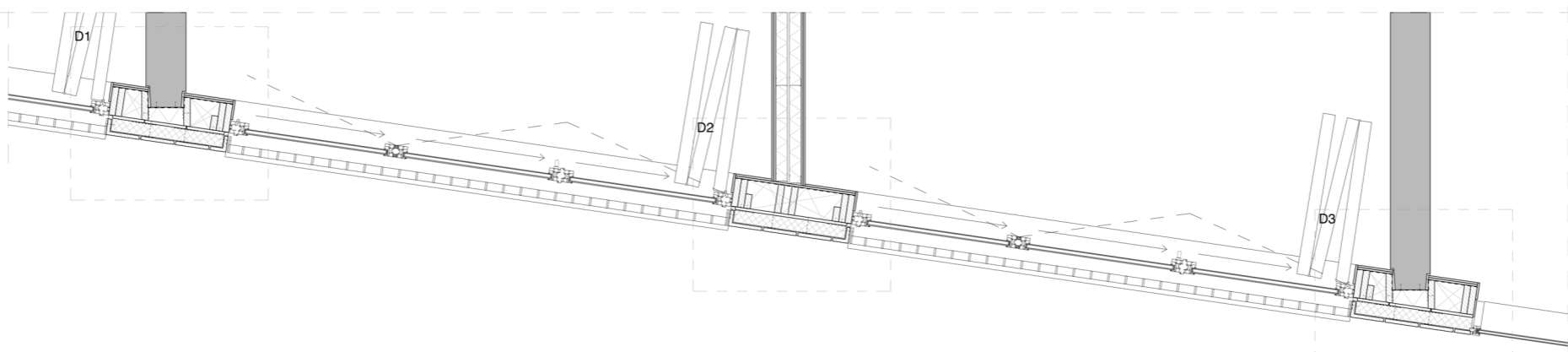
# 6de en 7de verdieping





4080  
b.k. vloer

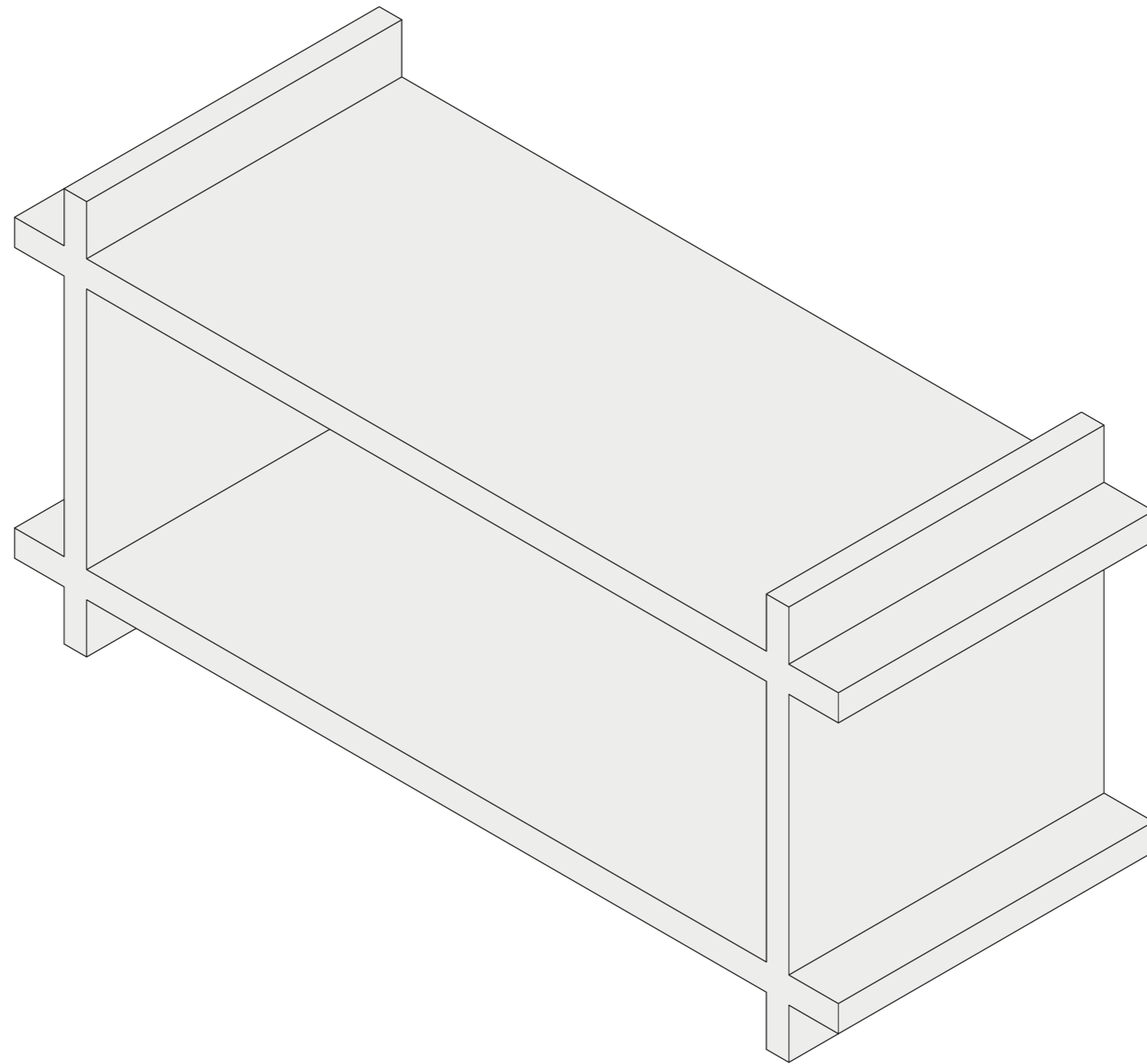
0  
b.k. vloer



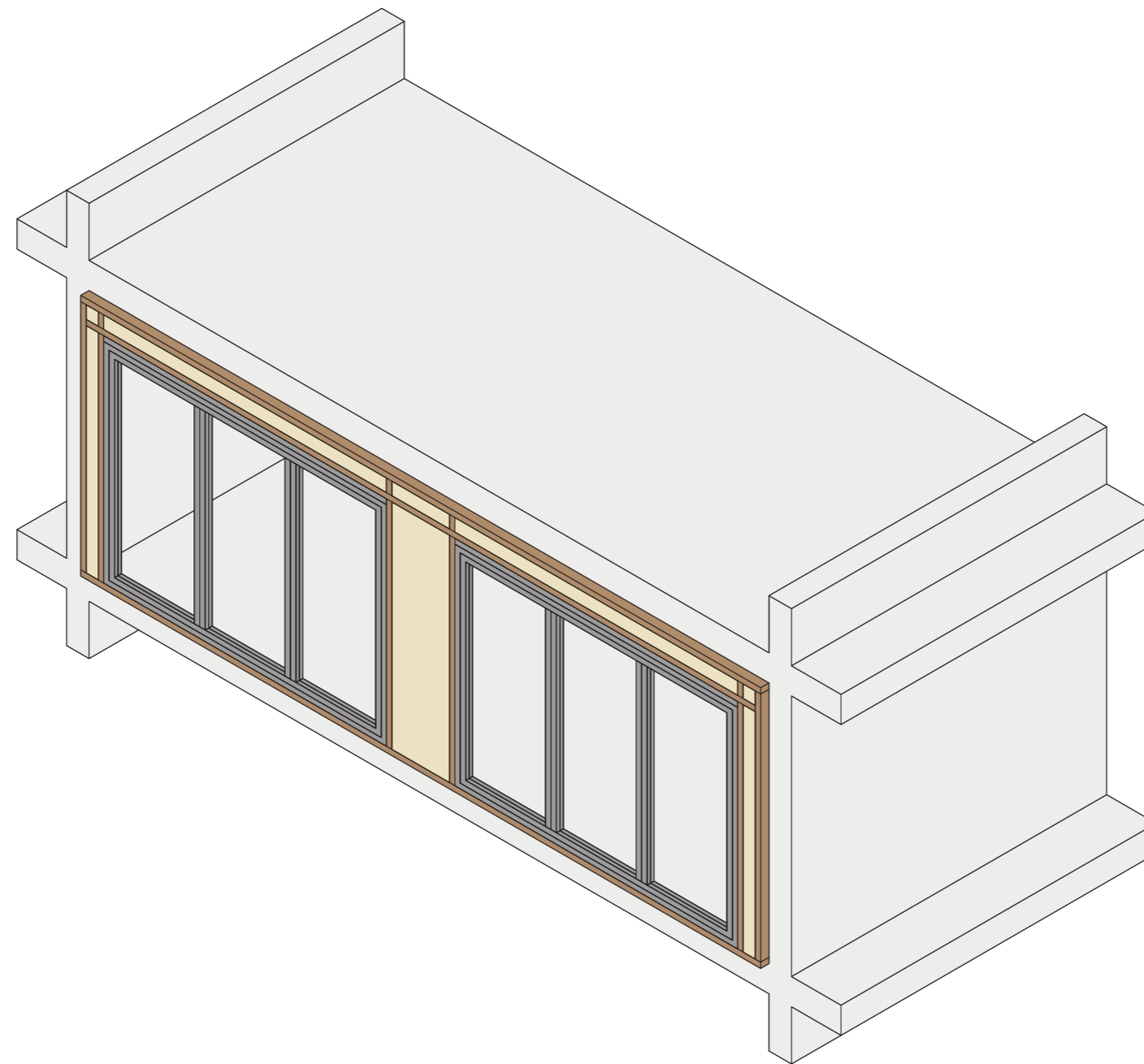
4080  
b.k. vloer

0  
b.k. vloer

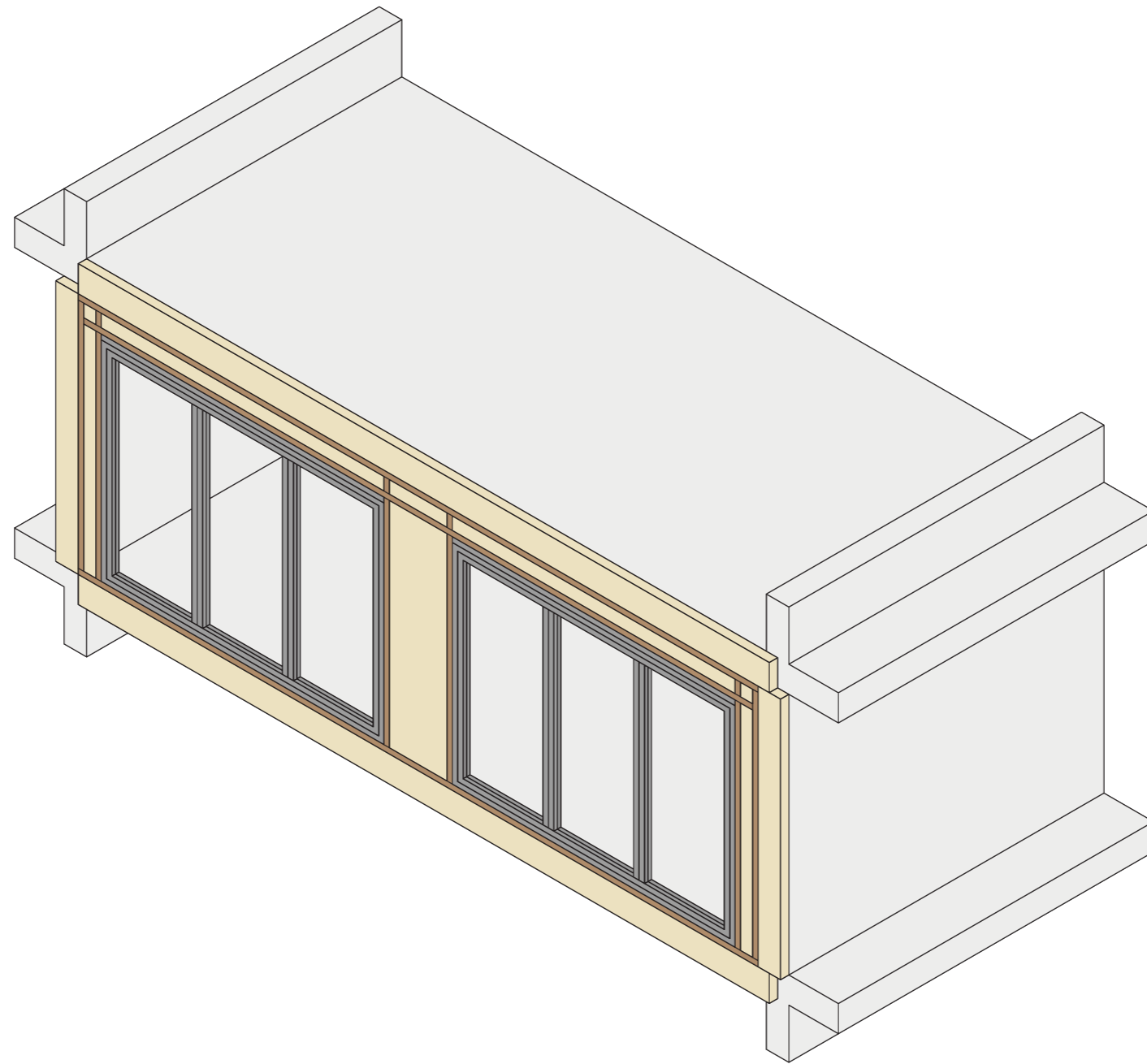
# Opbouw gevel Casco tunnelbouw



# Opbouw gevel Prefab HSB

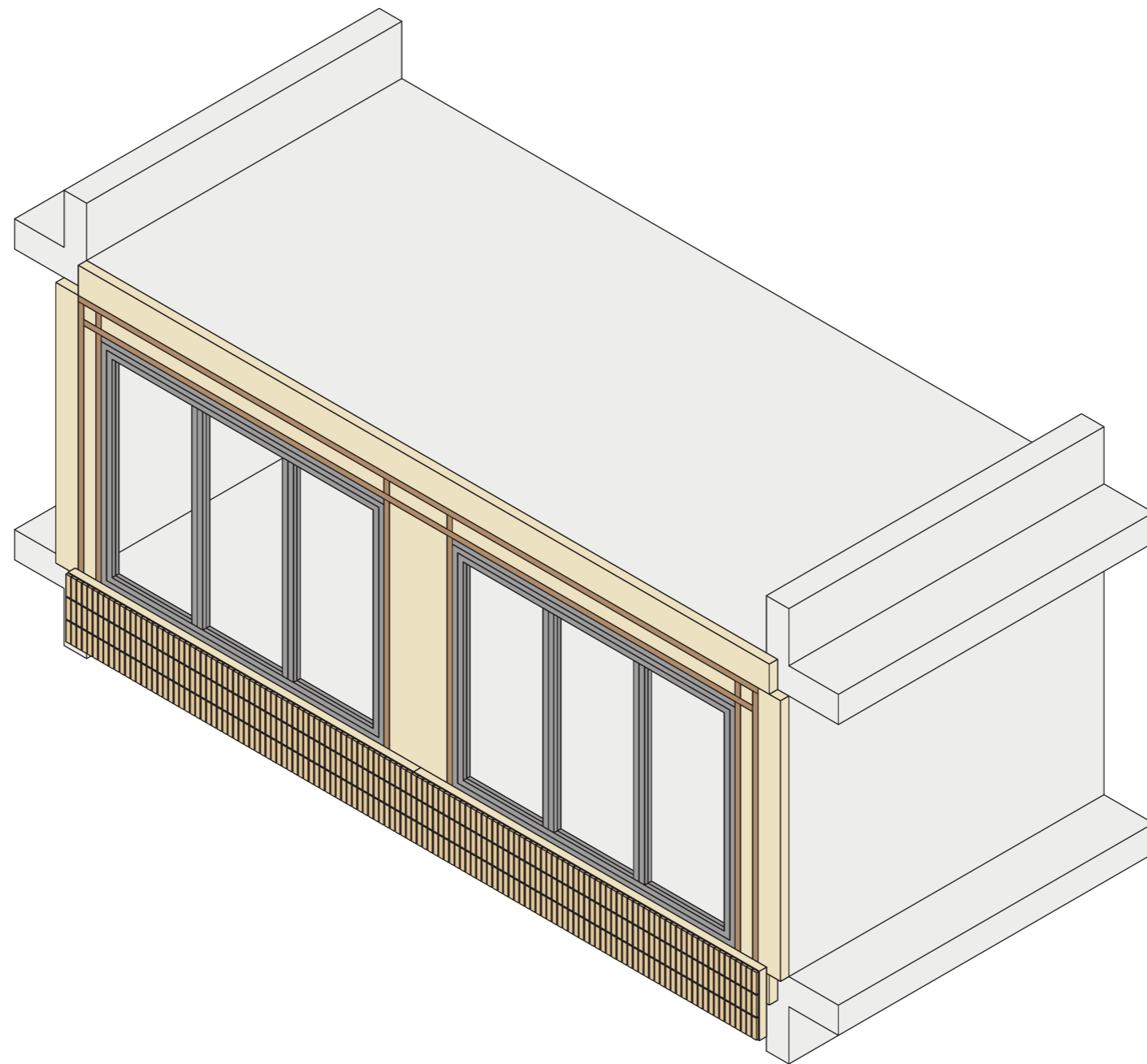


## Opbouw gevel Tussen isolatie



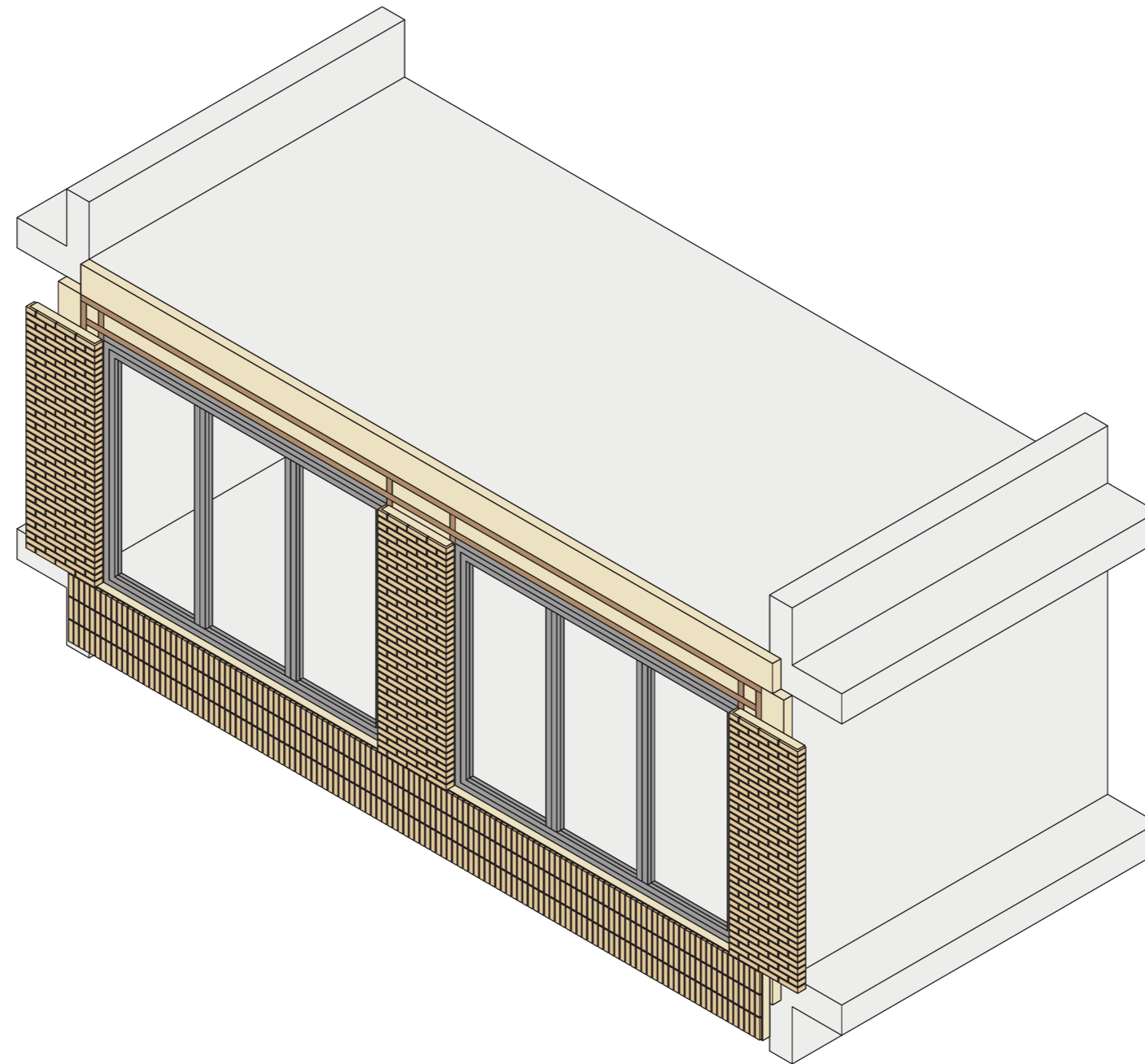
# Opbouw gevel

## Prefab band - isolatie + steenstrips



# Opbouw gevel

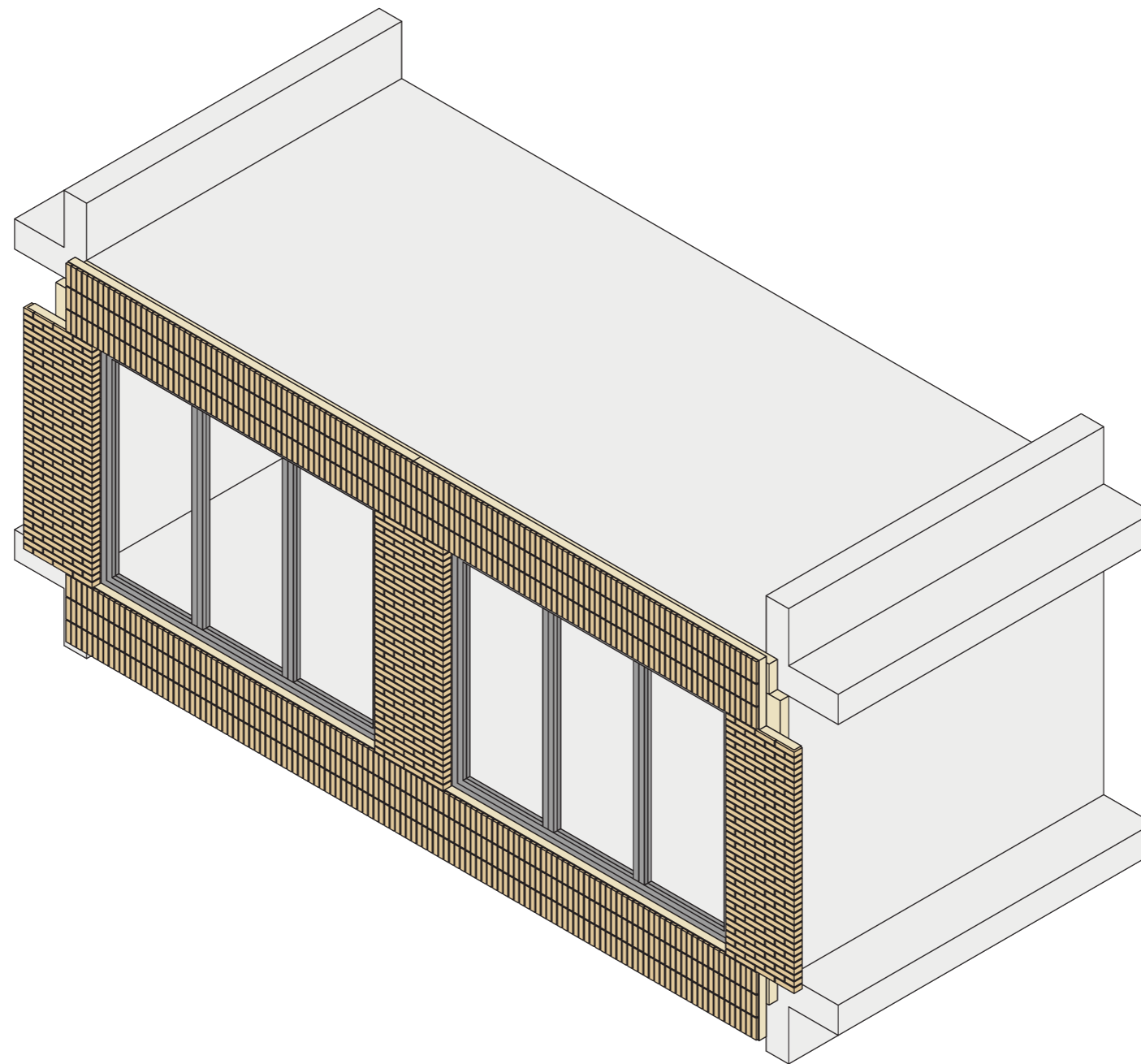
## Prefab penanten - isolatie + steenstrips



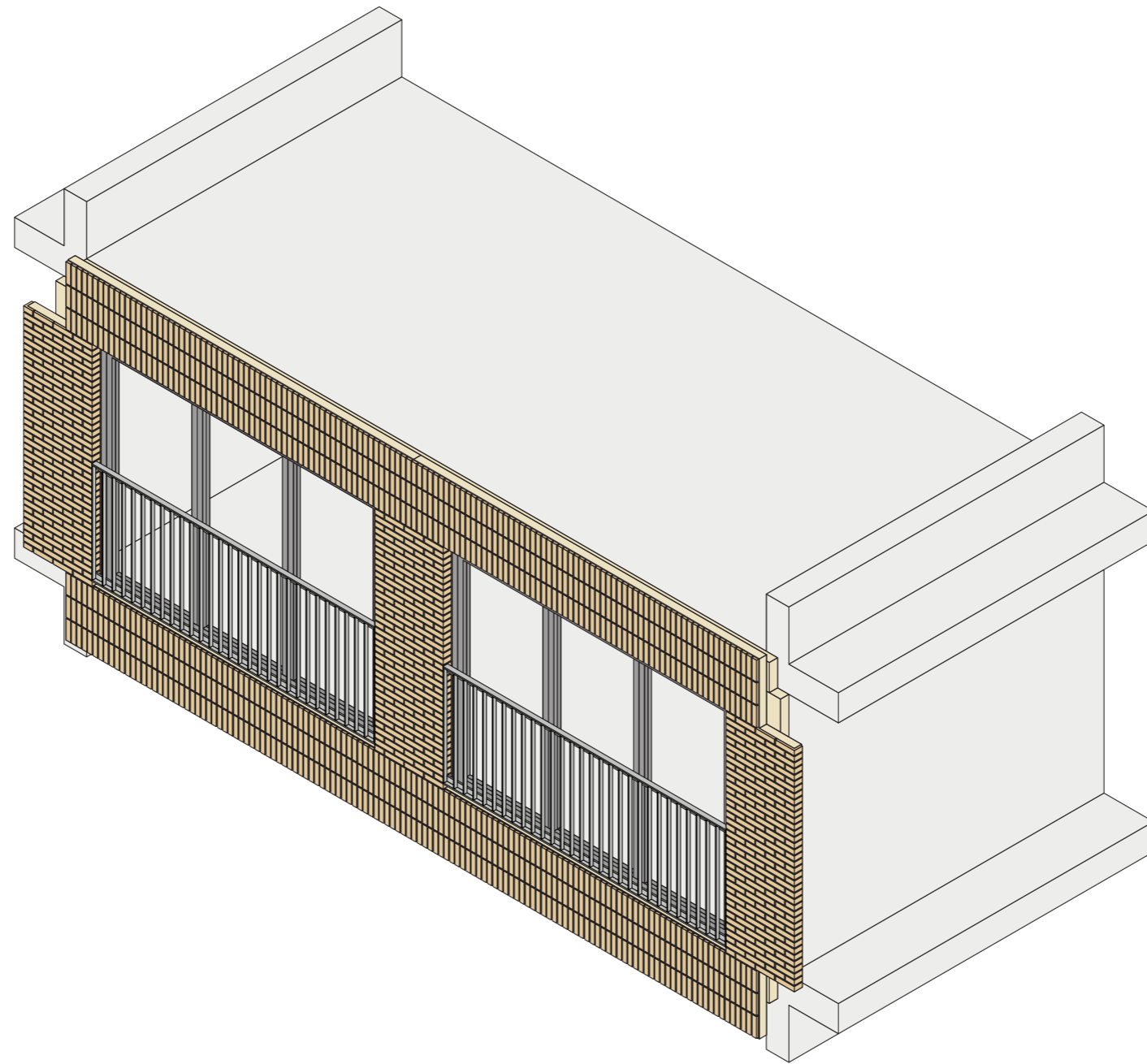


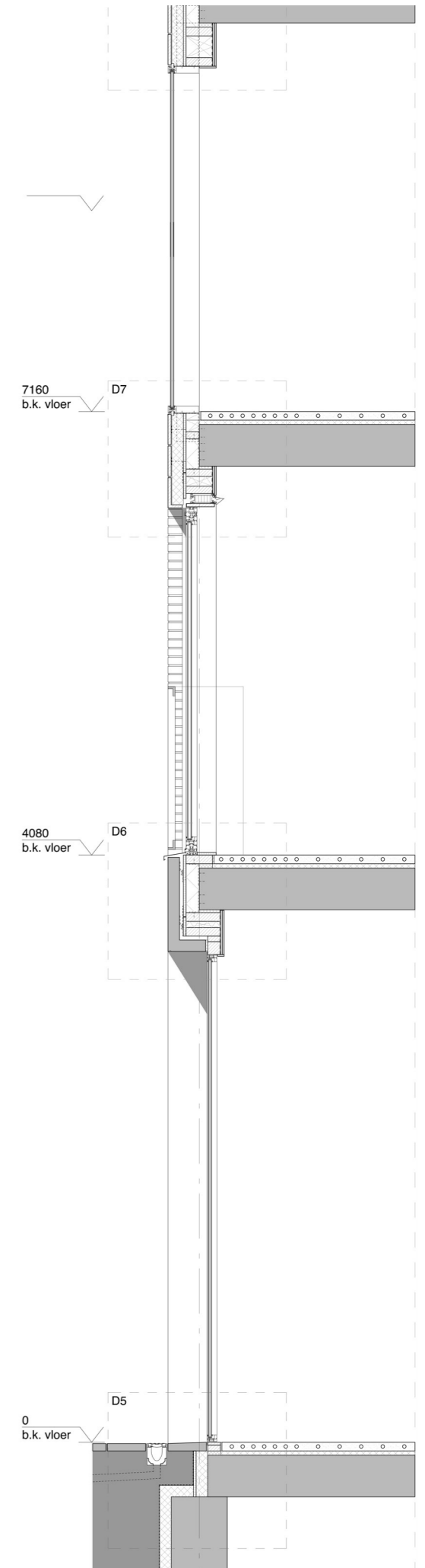
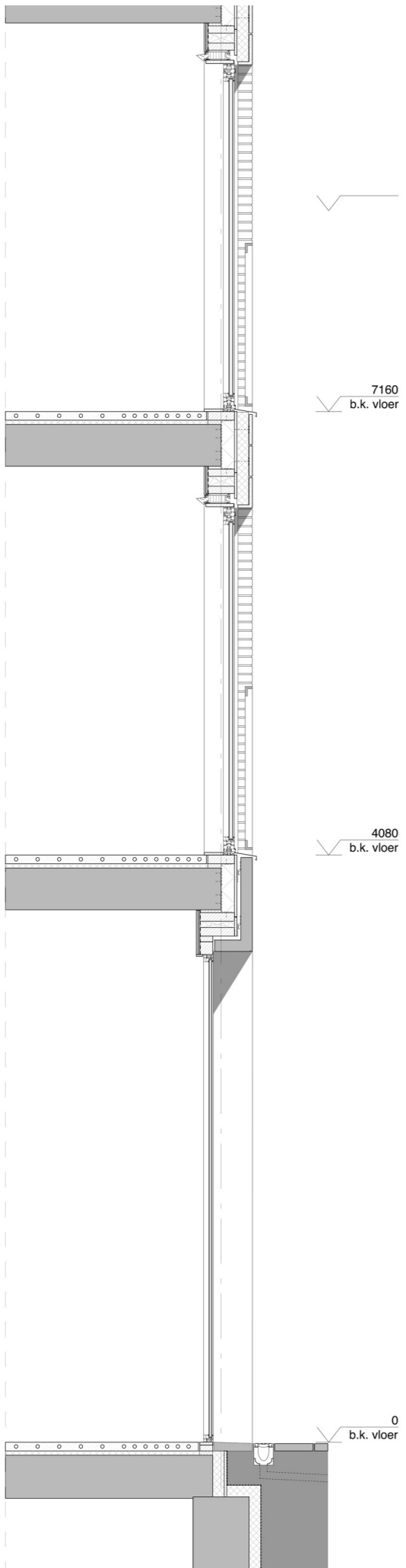
# Opbouw gevel

## Prefab band - isolatie + steenstrips



# Opbouw gevel Hekwerk

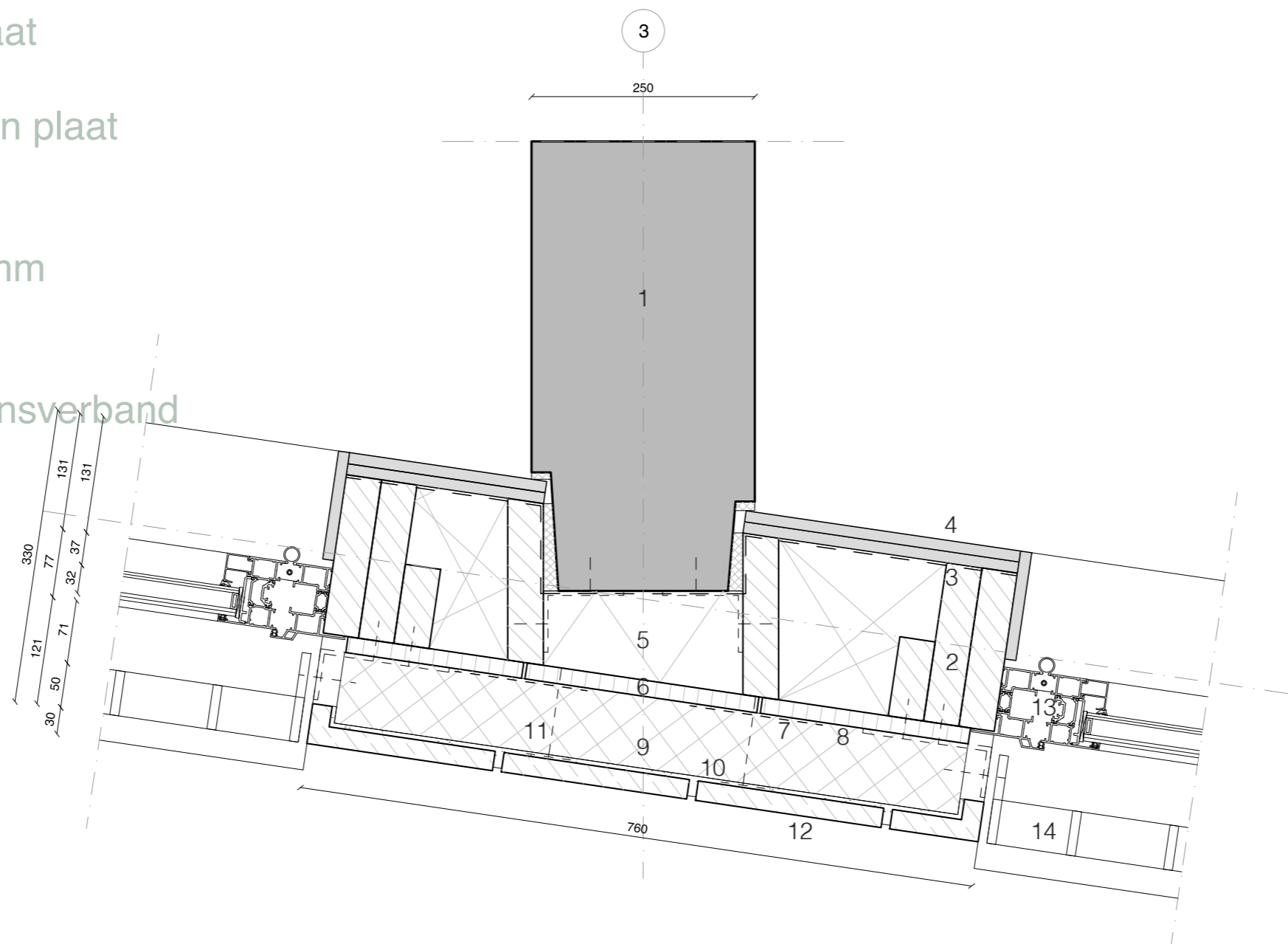


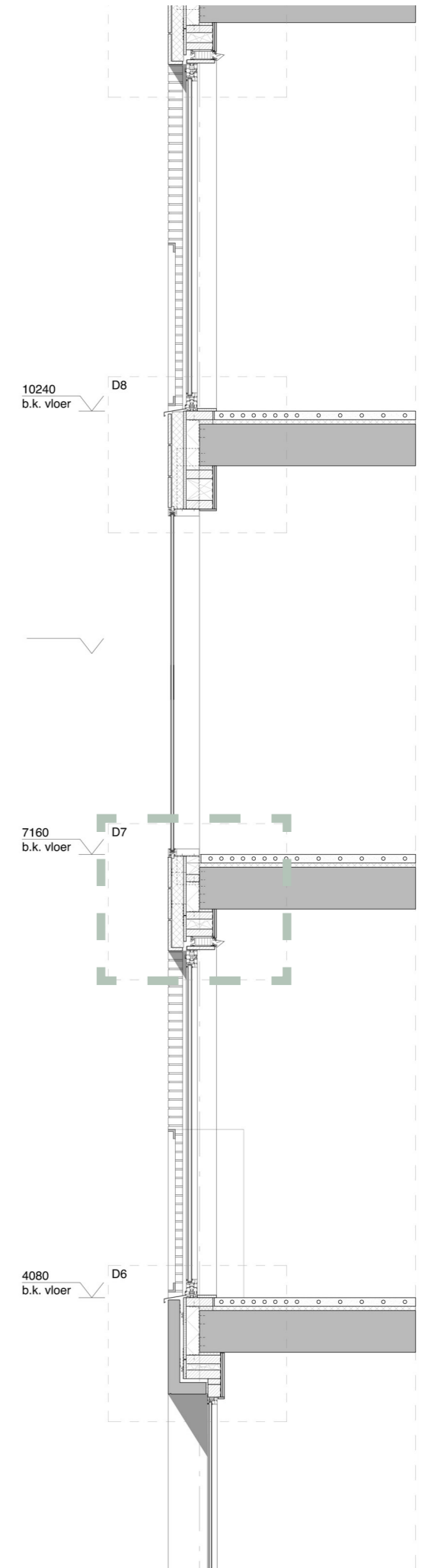
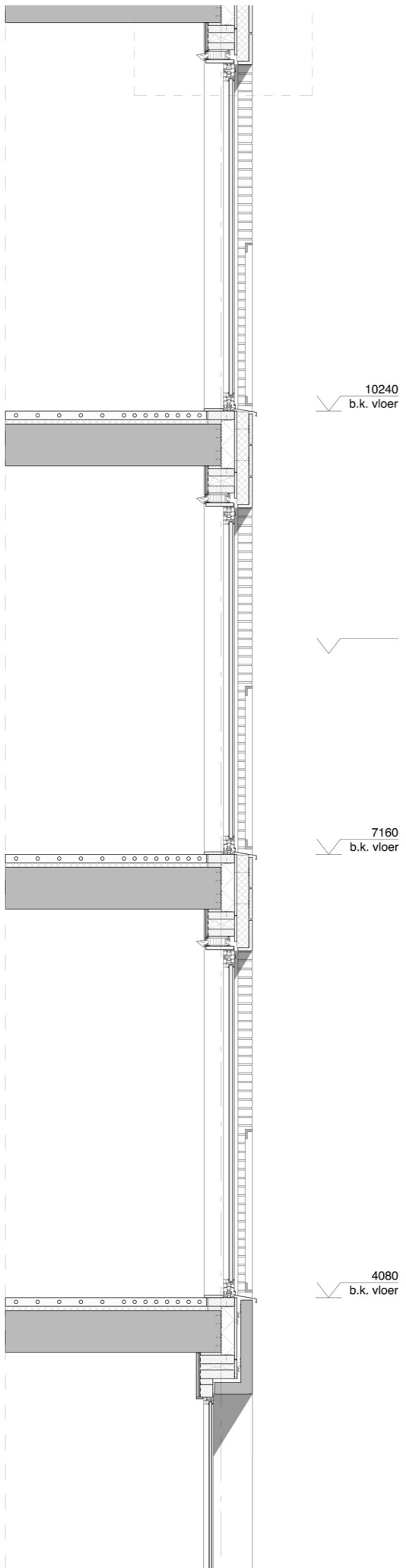


# Detail 1

## Horizontaal - Prefab gevelelementen

1. Gietbouw wand
2. Stijlen 185\*50 mm
3. Dampremmende laag
4. 2\*12,5 mm gipsvezelplaat
5. Minerale wol
6. 18 mm cementgebonden plaat
7. Naden afgetaped
8. Lijmlaag
9. Polystyreen isolatie 80mm
10. Mortellaag
11. Schroefplug met rozet
12. Steenstrips in halfsteensverband
13. Reynaers CF77
14. Hekwerk

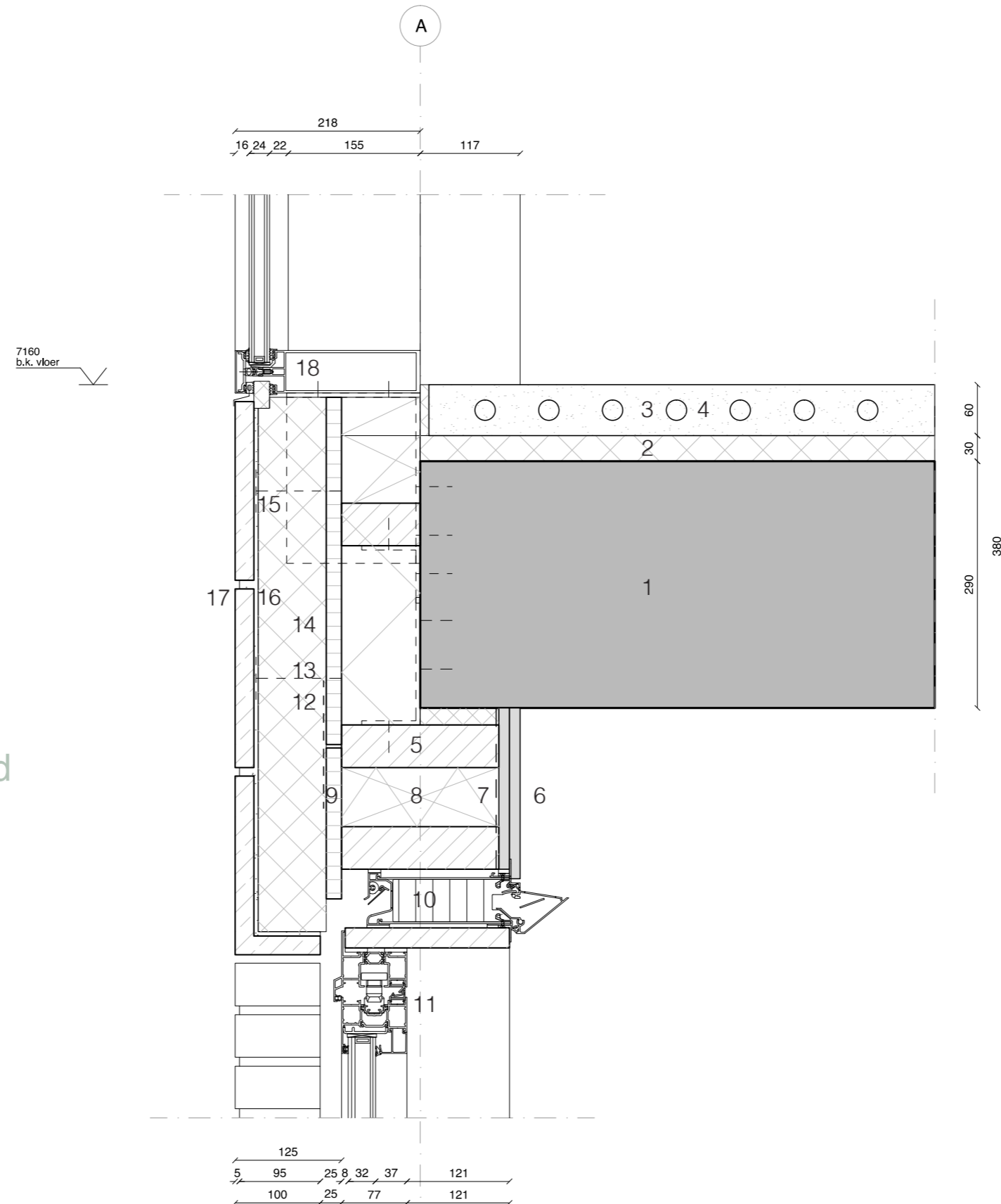


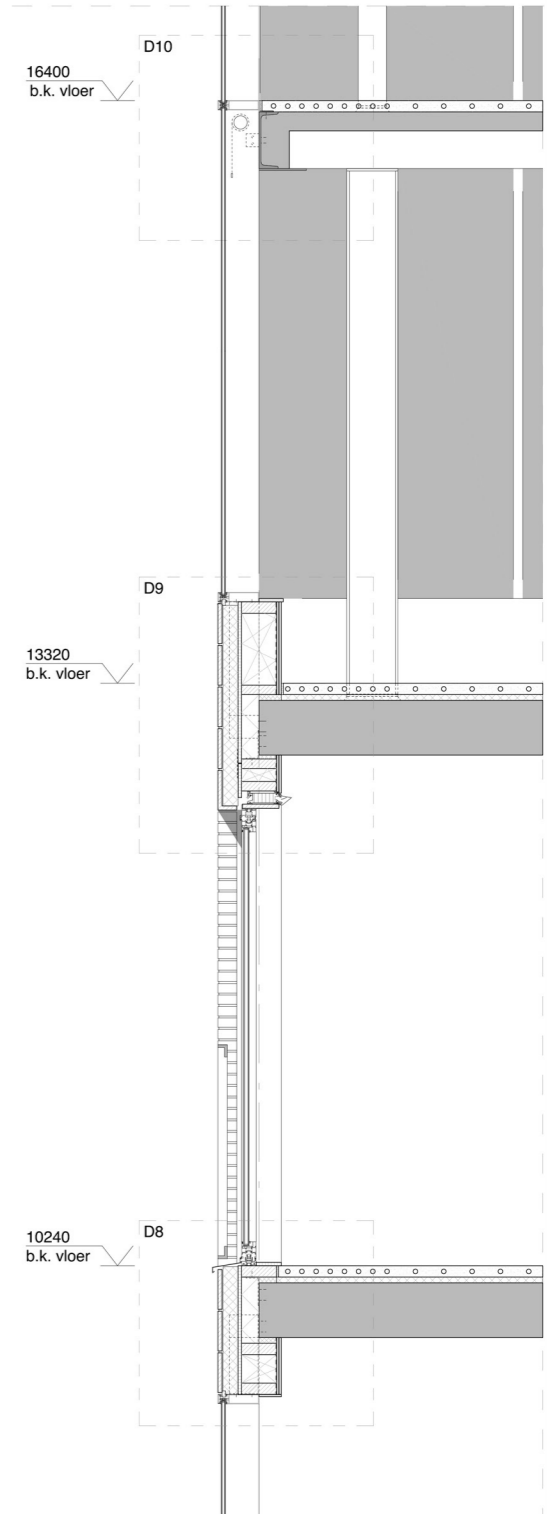
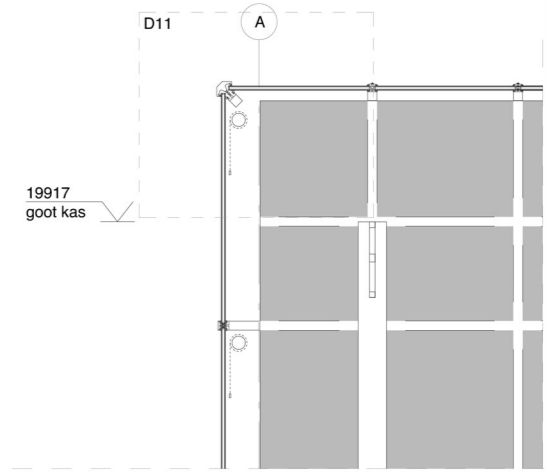
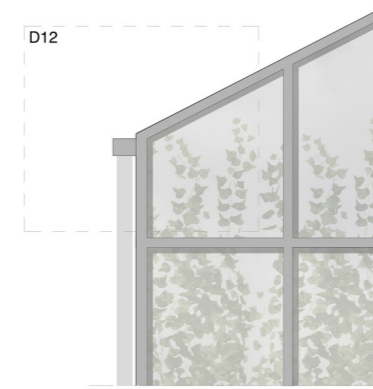
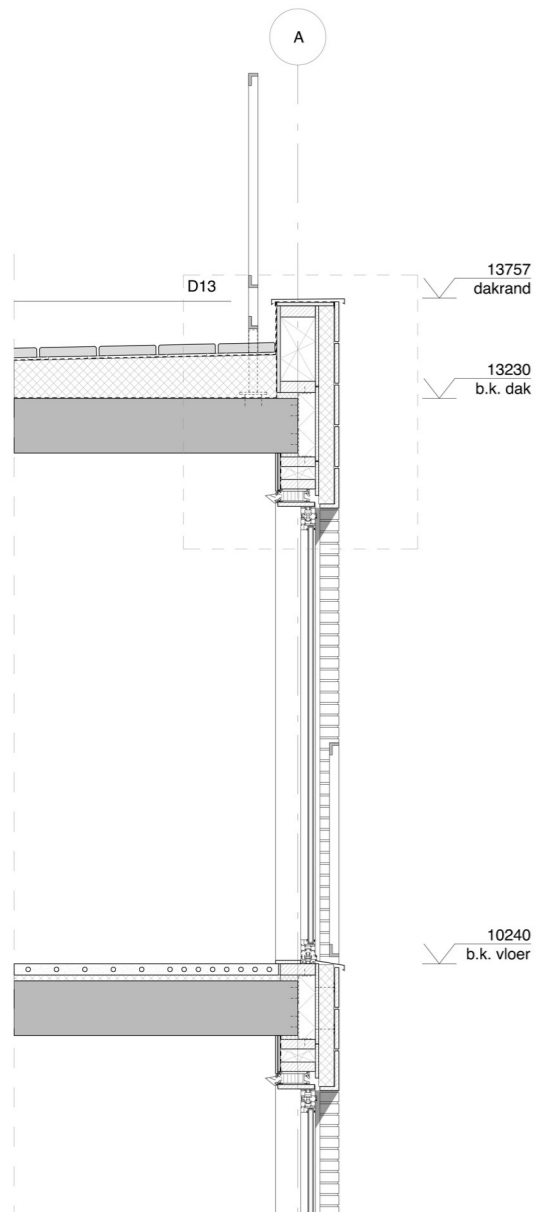


## Detail 2

### Verticaal - Prefab gevelelement + vliesgevel

1. Gietbouw vloer
2. EPS-T isolatie
3. Zandcement dekvloer
4. Lage temperatuur vloerverwarming
5. Regels 185\*50 mm
6. 2\*12,5 mm gipsvezelplaat
7. Dampremmende laag
8. Minerale wol
9. Cementgebonden plaat 18mm
10. Duco Climatop 60
11. Reynaers CF77 vouwraam
12. Naden afgetaped
13. Lijmlaag
14. Polystyreen isolatie 80mm
15. Schroefplug met rozet
16. Mortellaag
17. Steenstrips in staand tegelverband
18. Reynaers CW50 vliesgevel





# De Starterskas

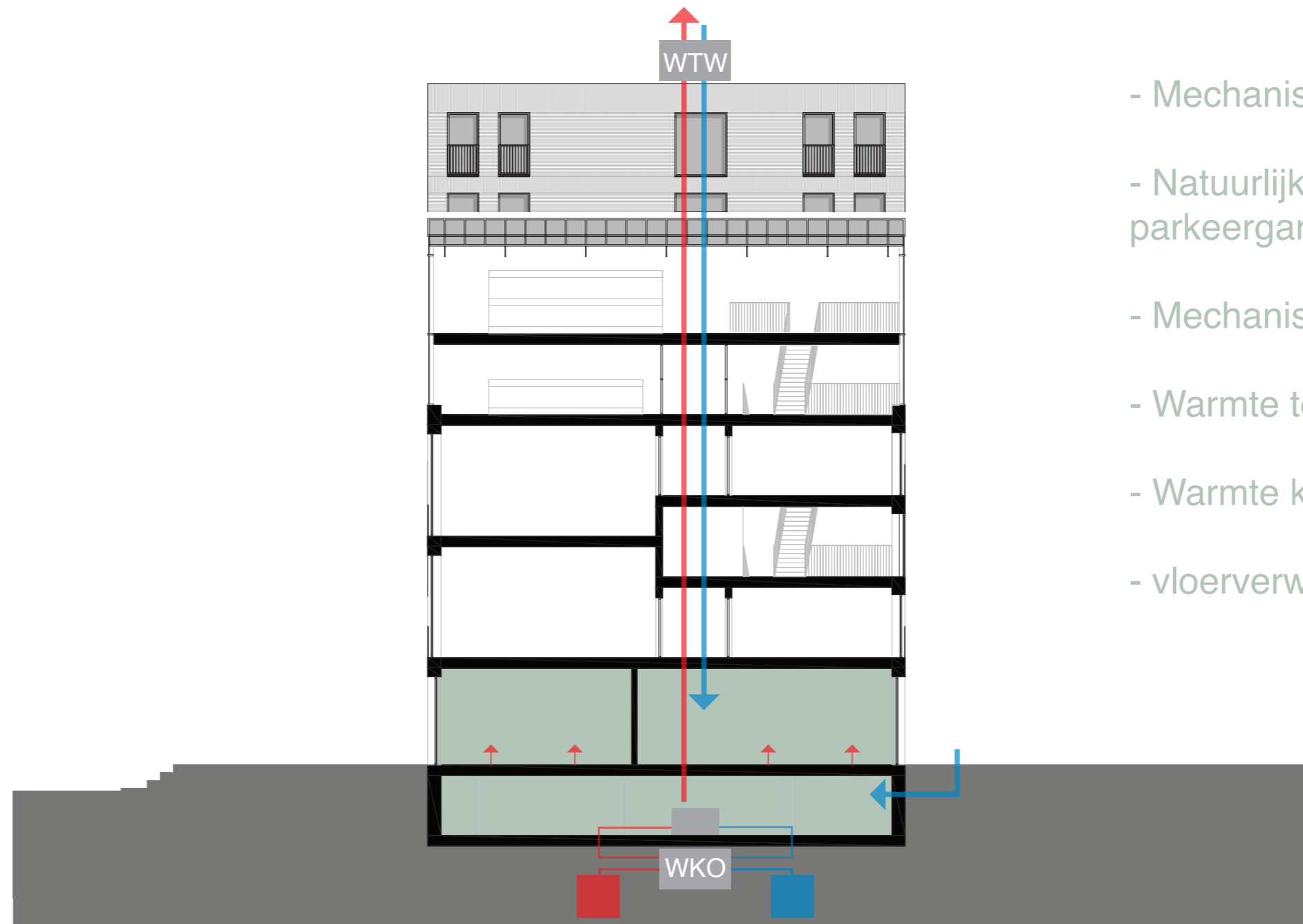




Bedankt!

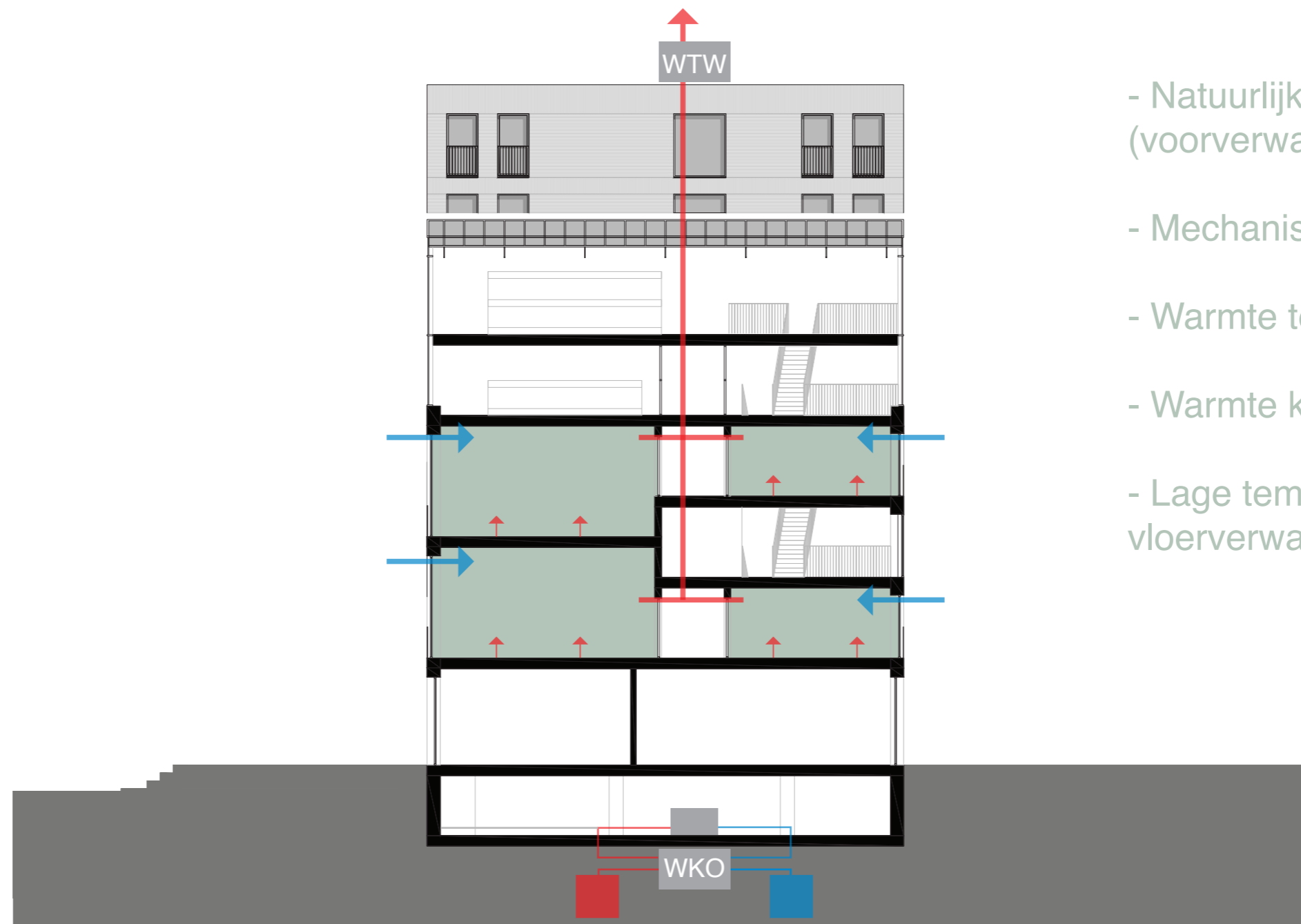


# Klimaat Publiek & parkeergarage



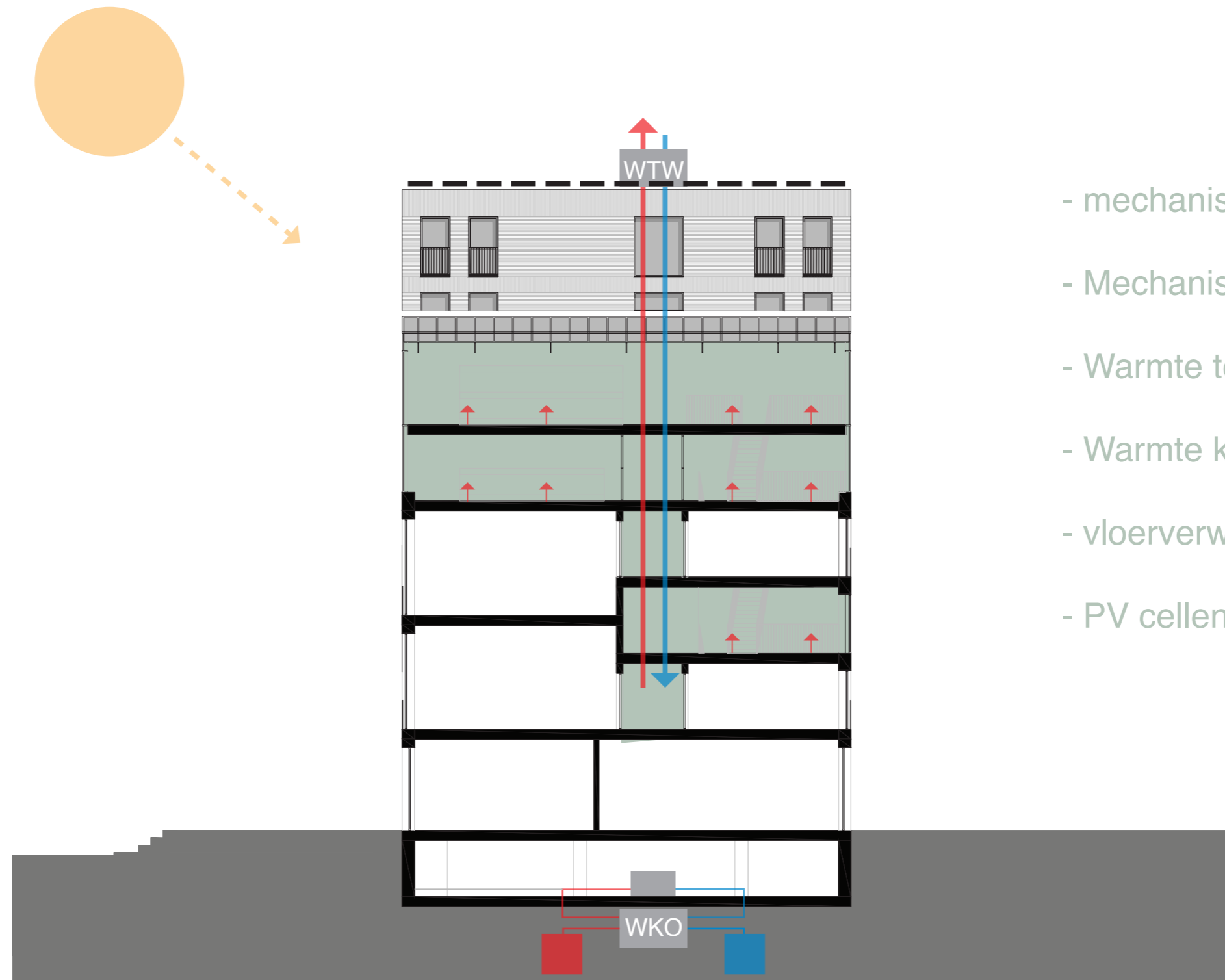
- Mechanische toevoer
- Natuurlijke toevoer parkeergarage
- Mechanische afvoer
- Warmte terugwin
- Warmte koude opslag
- vloerverwarming

# Klimaat Woningen



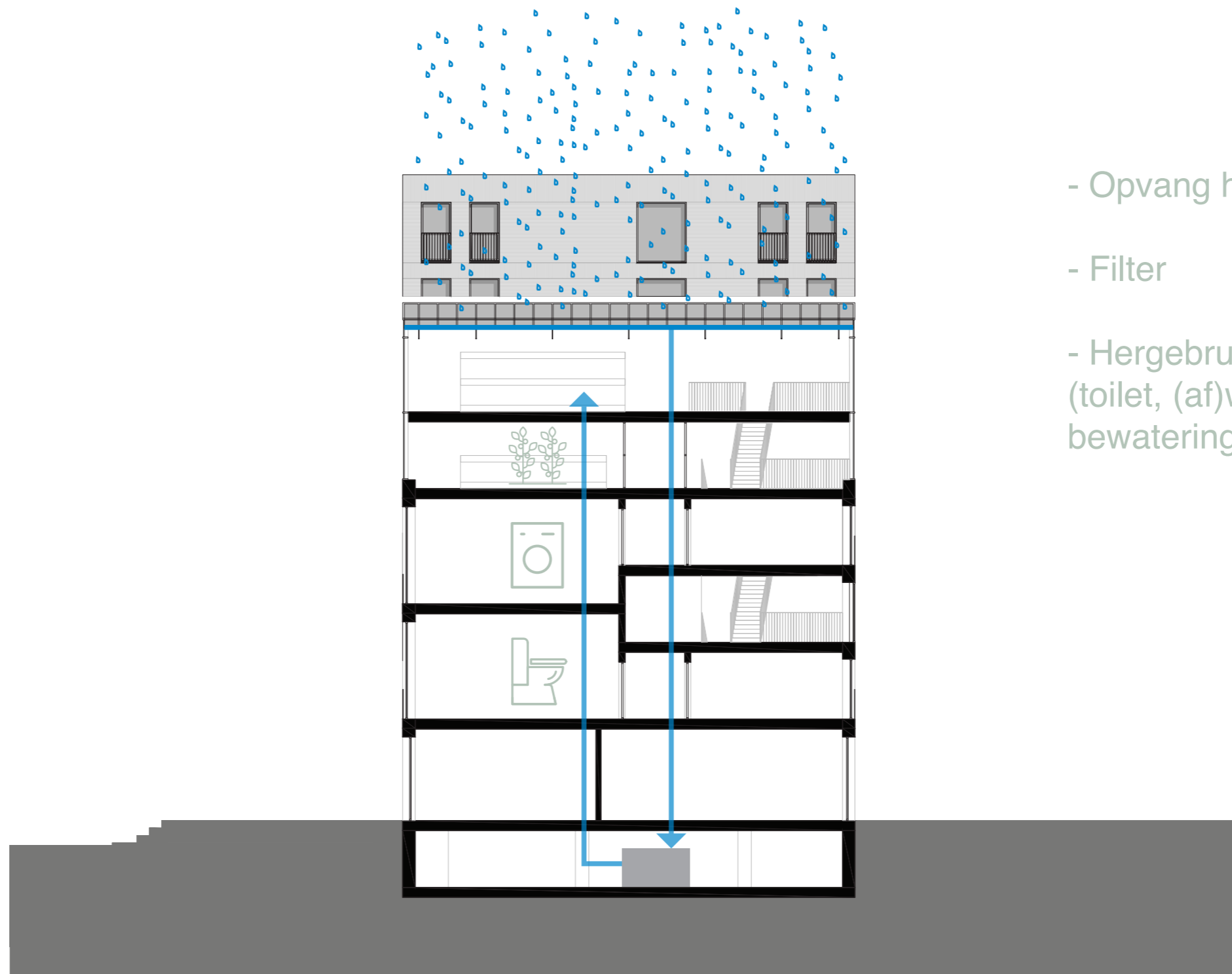
- Natuurlijke toevoer (voorverwarmd)
- Mechanische afvoer
- Warmte terugwin
- Warmte koude opslag
- Lage temperatuur vloerverwarming

# Klimaat Collectief & kas



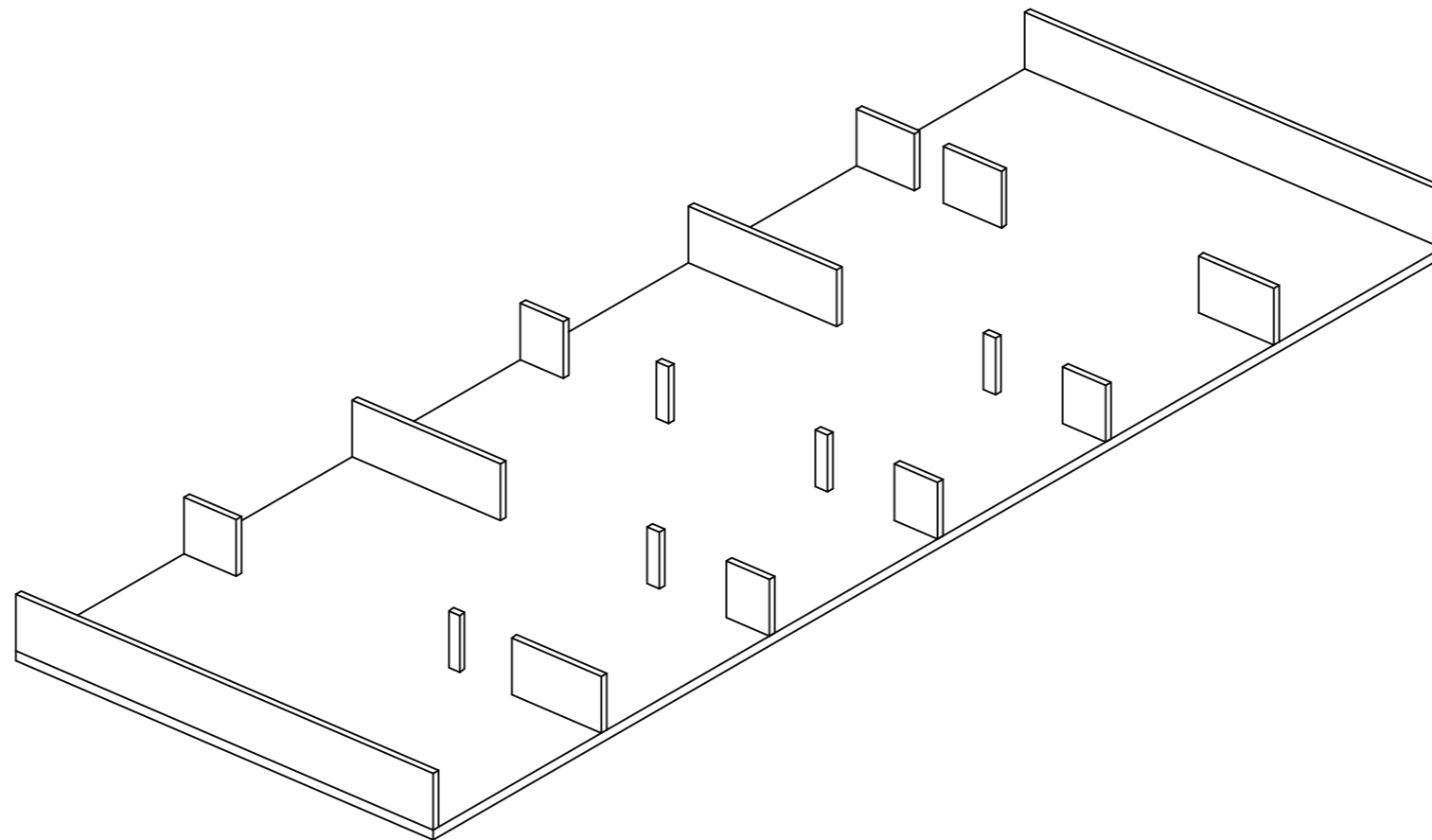
- mechanische toevoer
- Mechanische & natuurlijke afvoer
- Warmte terugwin
- Warmte koude opslag
- vloerverwarming
- PV cellen

# Klimaat Water

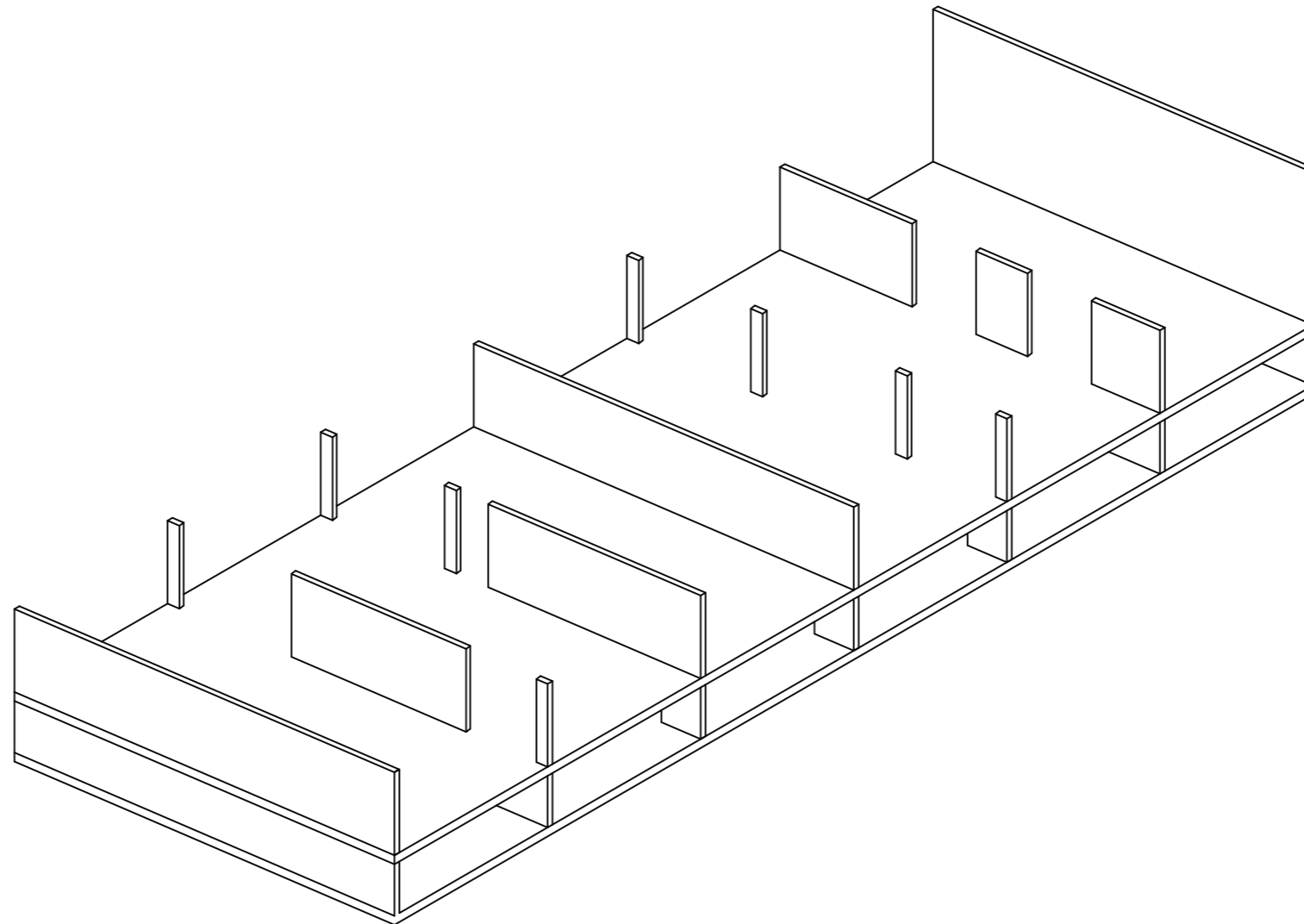


- Opvang hemelwater
- Filter
- Hergebruiken als huishoudwater (toilet, (af)wasmachine, bewatering planten)

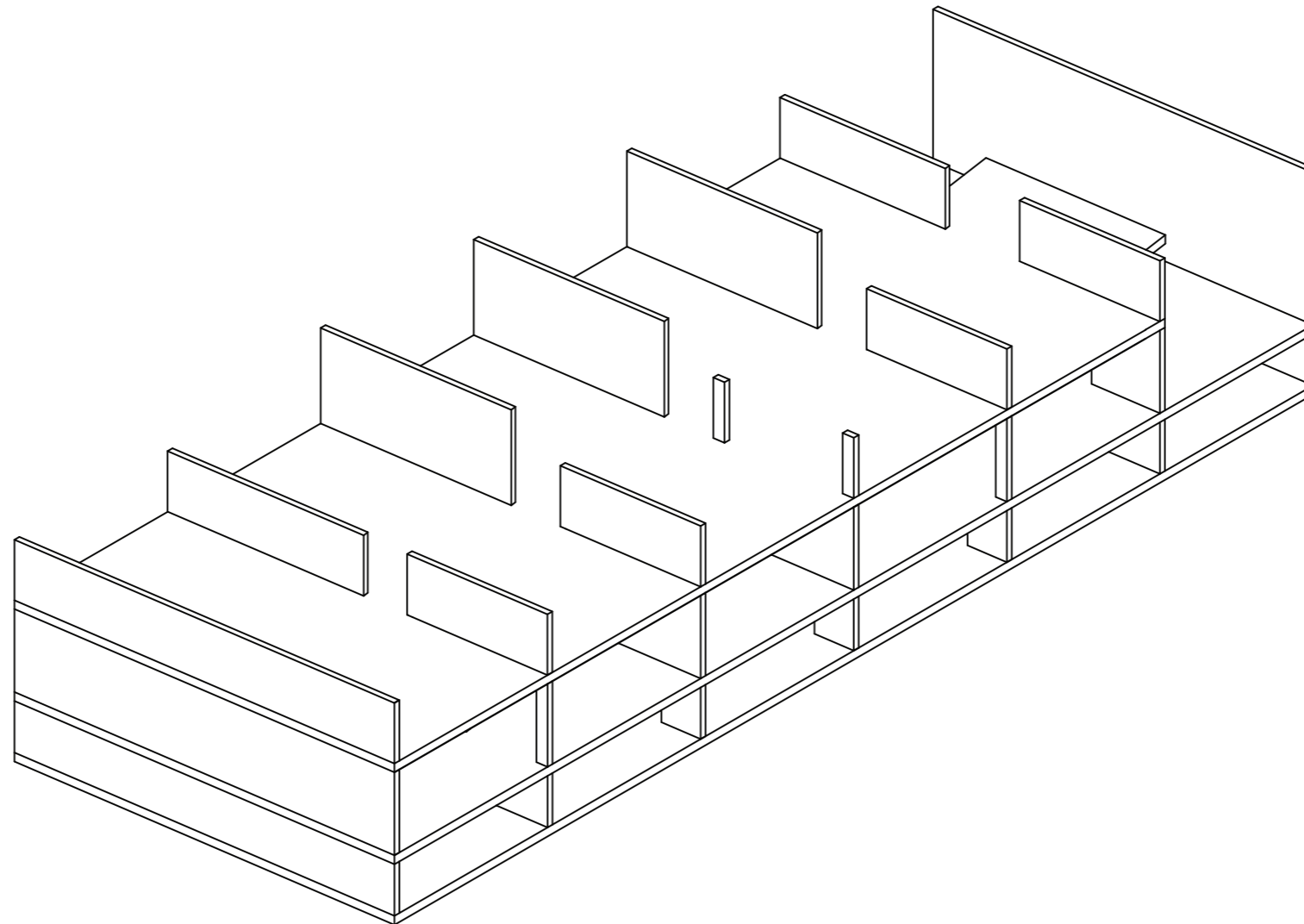
# Constructie -01



# Constructie 00

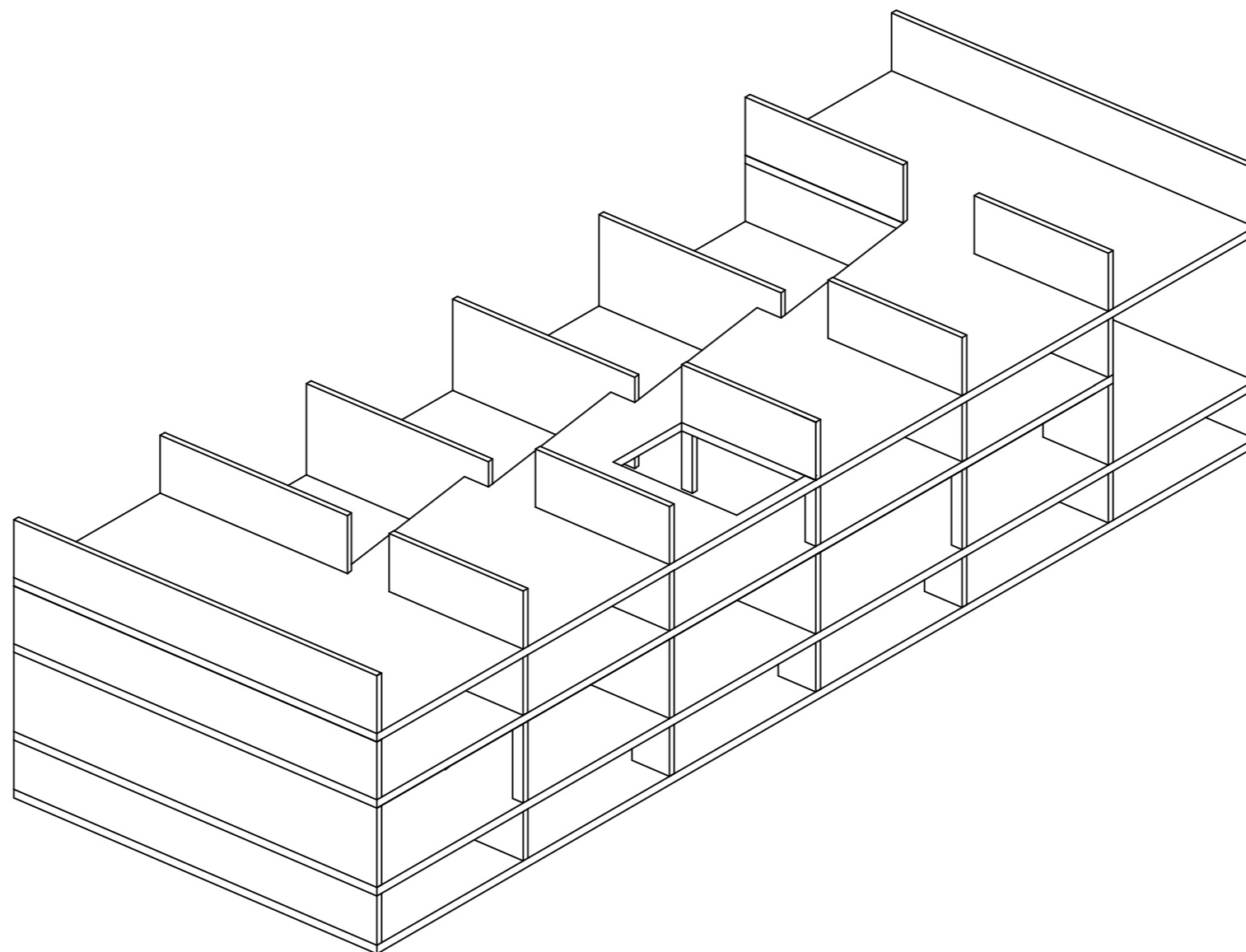


# Constructie 01

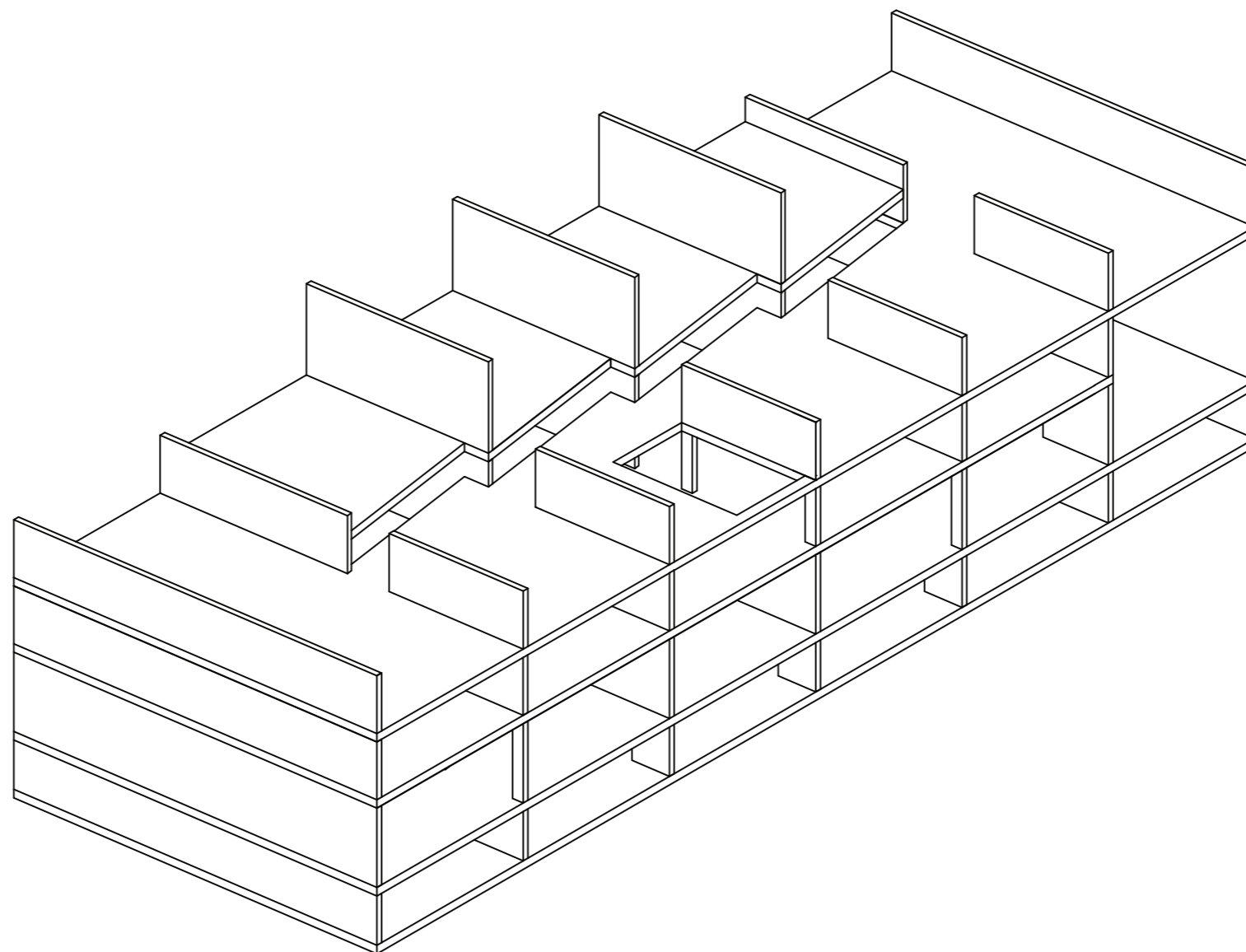




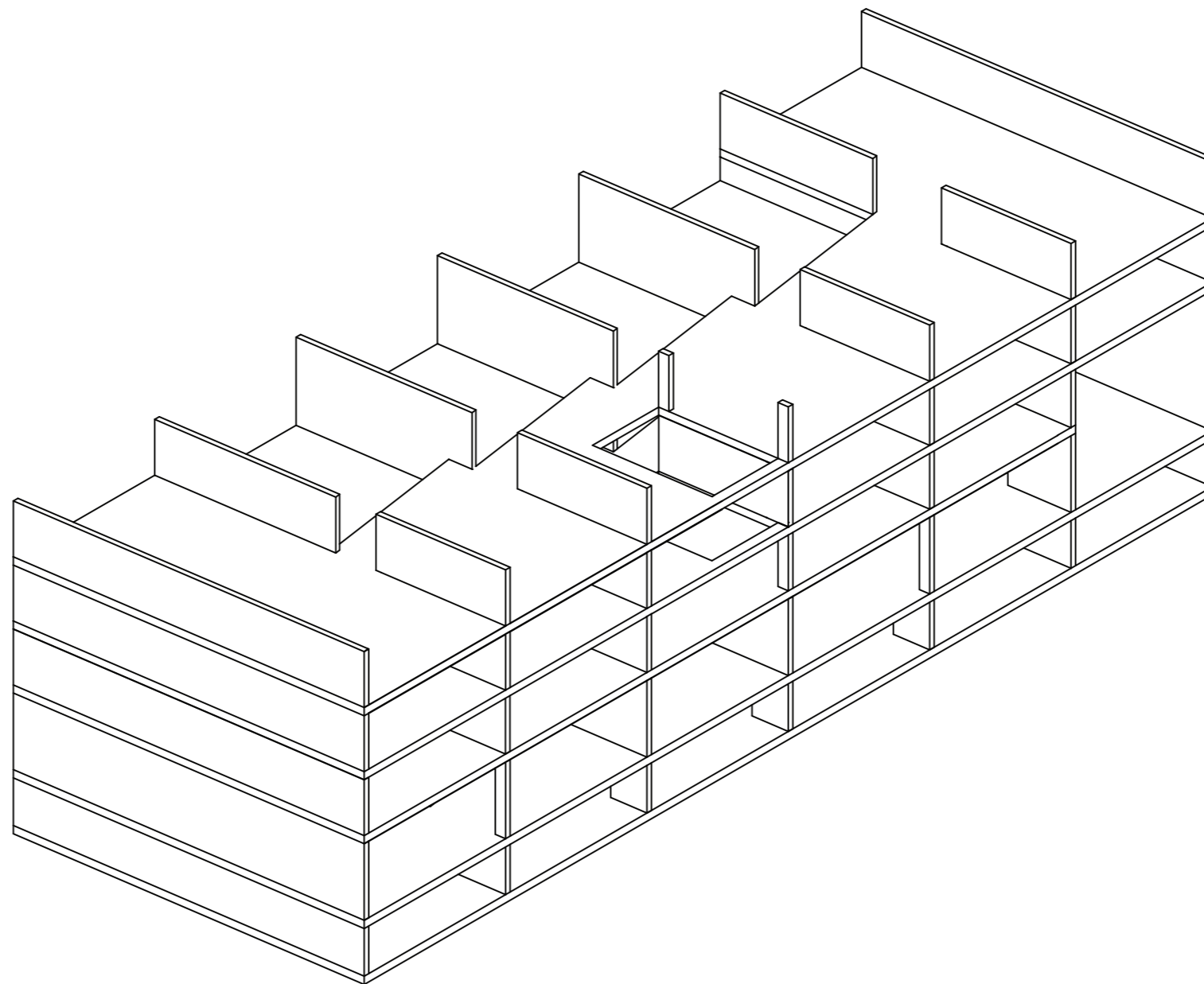
# Constructie 02



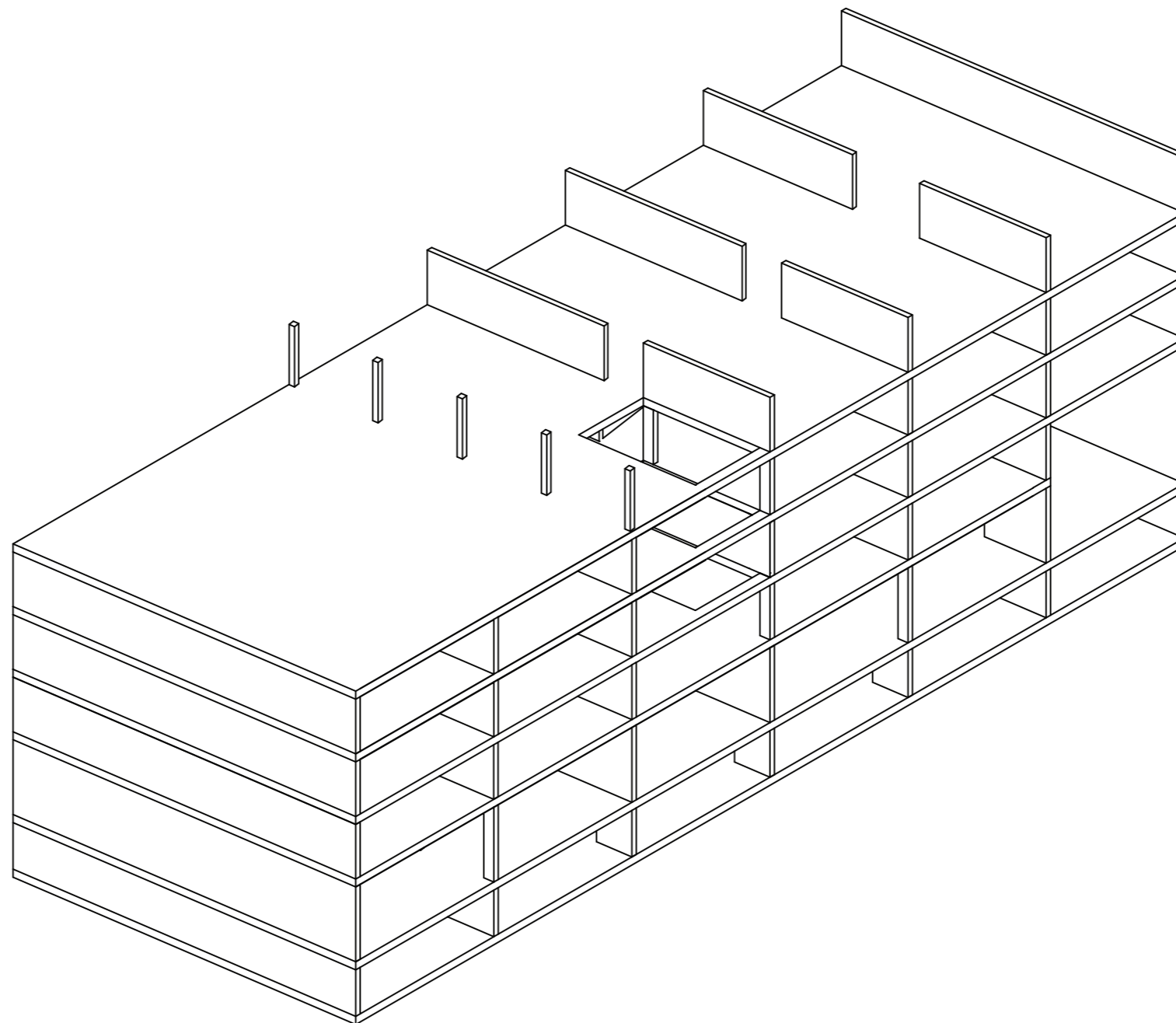
# Constructie tussen



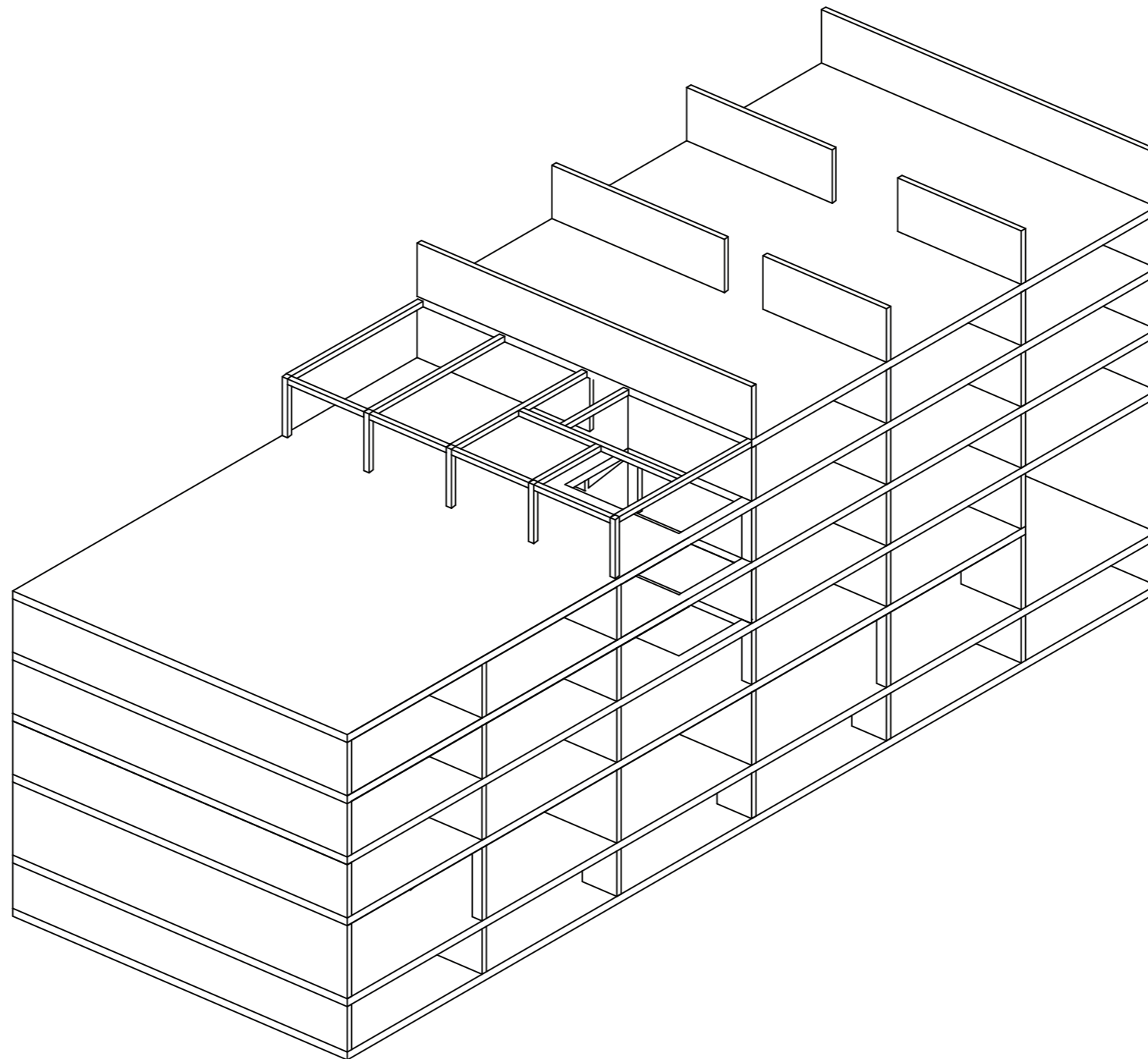
# Constructie 03



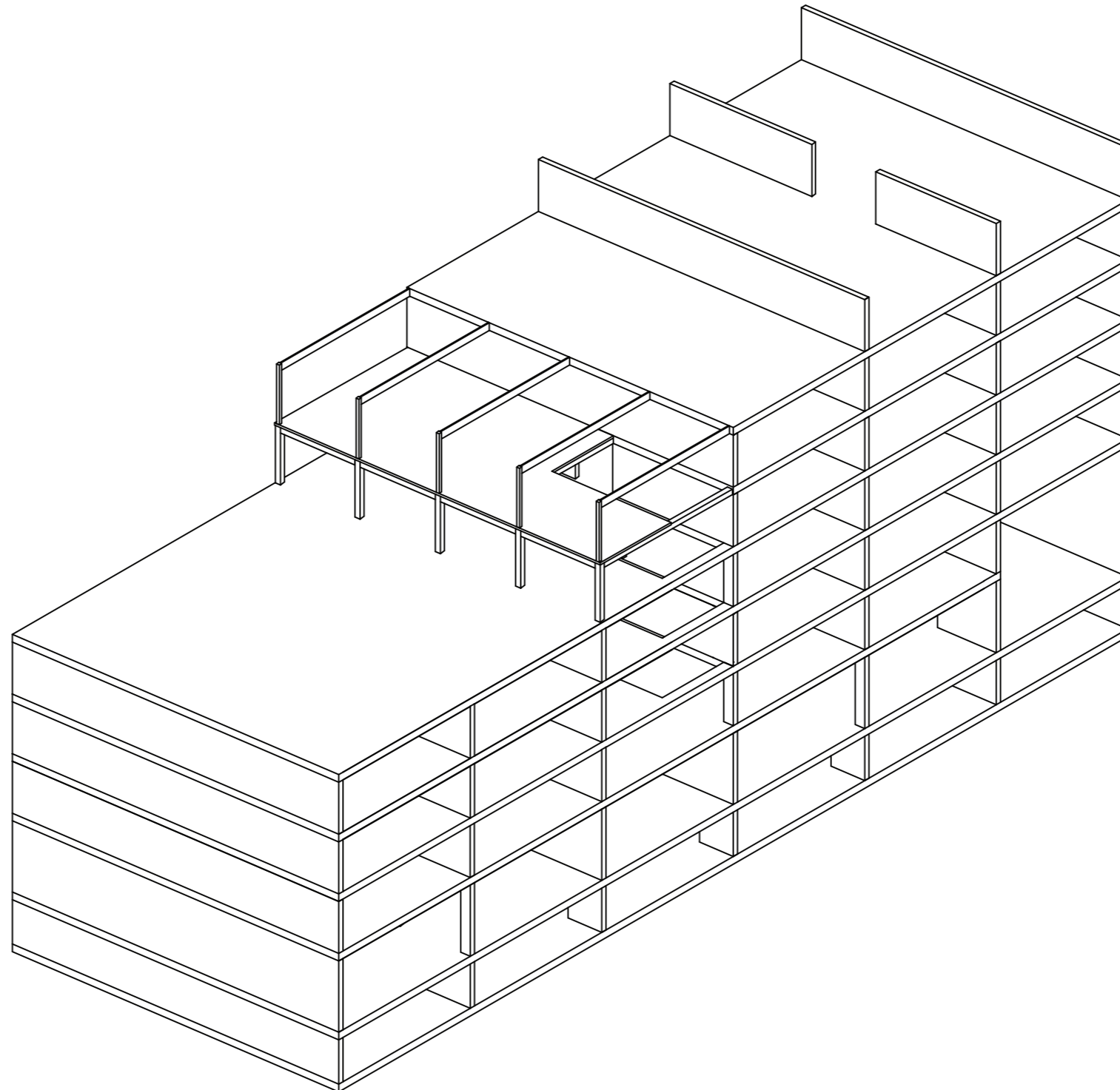
# Constructie 04



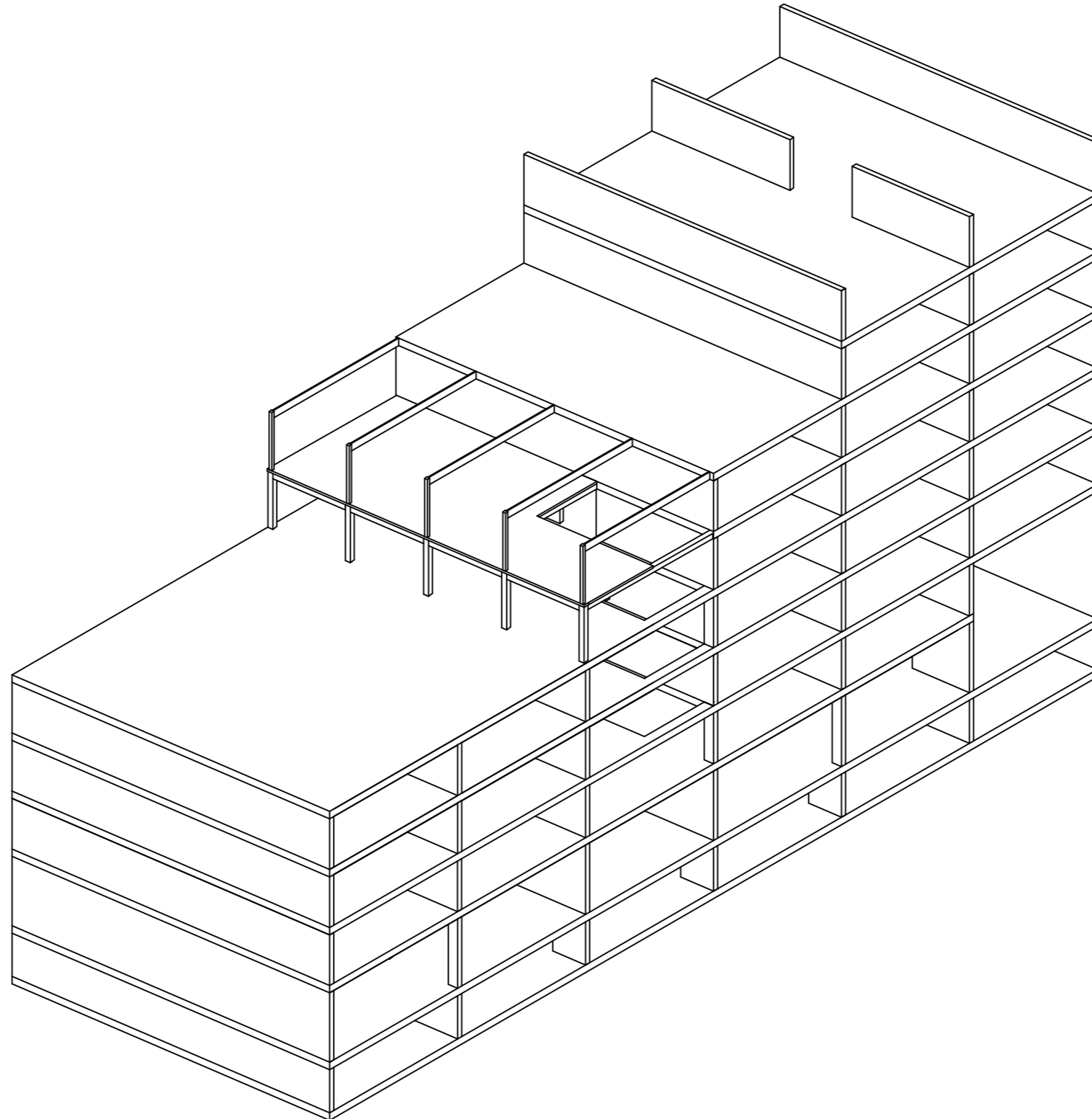
# Constructie 05



# Constructie 06



# Constructie 07



# Constructie dak

