

# Graduationstudio “Resilient Rotterdam”

Improving the health and  
resiliency of the habitants  
of Rotterdam

Lizanne Maat





Improving the health and  
resiliency of the habitants of  
Rotterdam

*“Manifestation “right to rest” in front of Rotterdam Central Station to gain attention for the rising amount of homeless in Rotterdam”*

*news article in Vers Beton: “Recht op rust - manifestatie”*



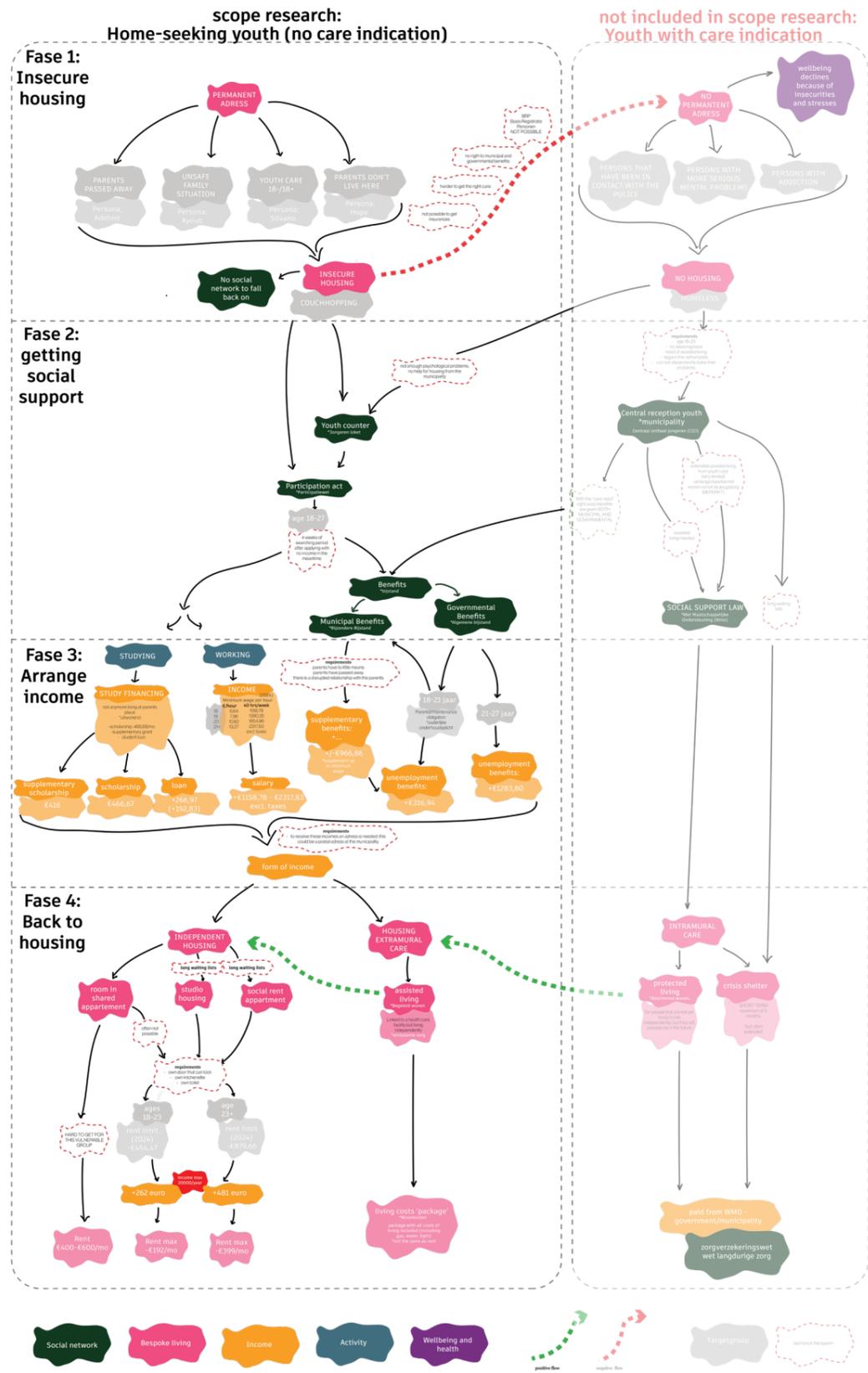
# Rising of youth in homeless shelters

**Grote stijging van jongeren tussen 18 en 22 jaar in de maatschappelijke opvang**

2022



**108 jongeren** bijgekomen in een jaar tijd. Dit is **een stijging van 50%**.



trajectory home-seeking youth

# “Couchsleppers” in Rotterdam



In Rotterdam,  
currently around  
80 young  
couchsleppers  
(bankslapers)  
**in sight**

# Introducing Home-seeking youth age 18-23

## Silvano(19)

When I was younger, home was chaotic. There were lots of fights and addiction issues with my parents. I was sent to youth care.

I was always getting moved around. Feeling alone there, I left at 17. For some time, I crashed with my dad to find a job and a place.

I did for a while but lost it all again after getting fired.

**Then it was just couch-hopping, trying to make ends meet.**



## Adeline (21)

After losing my parents, I stayed with my sister. But she put phone bills in my name, leaving me with 1500 euros of debt. Moving in with my boyfriend's sister didn't work out because of her crowded household.

**Now, I crash on friends' couches, unsure where I'll end up next.**



## Hope (18)

I moved to the Netherlands to study. I lived with my grandma until she went to prison, then moved in with my aunt in Rotterdam. But my cousin's late-night noise made it hard to fall asleep and to focus at school. My mentor helped and I found a spot in a shelter.

I still felt lonely and missed my mom and sister. **It was hard because I also didn't have my own space to rest.**



## Ajoub(19)

I wasn't always the easiest at home. At 19, my mother had enough of me and I moved out, staying with friends, relatives, and my grandmother.

The constant couchhopping didn't feel right; **it's hard to feel at home when you're not truly wanted.**

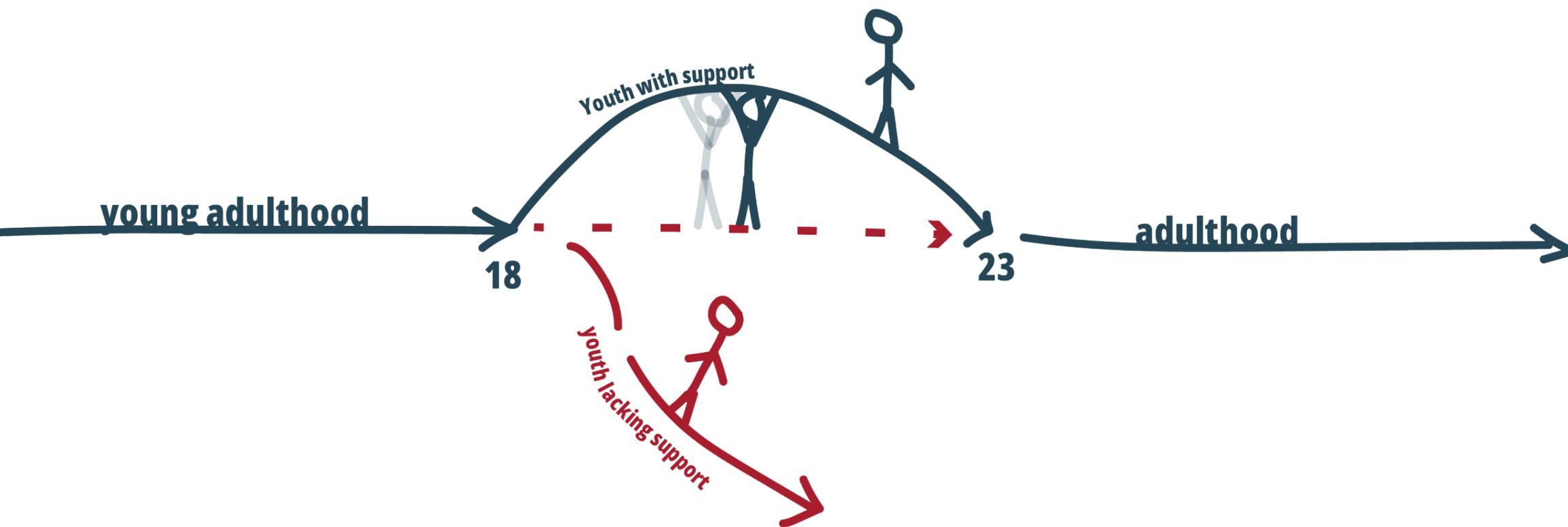


~~Homeless youth~~

Home-seeking youth

# Bridging the gap

“How can a residential building facilitate the physical, social, and mental needs of home-seeking youth?”



# RESEARCH

Research  
Setup



Current  
experience



Architectural  
concept

# DESIGN

1. Blending in



2. A warm welcome



3. Intermediate outdoors



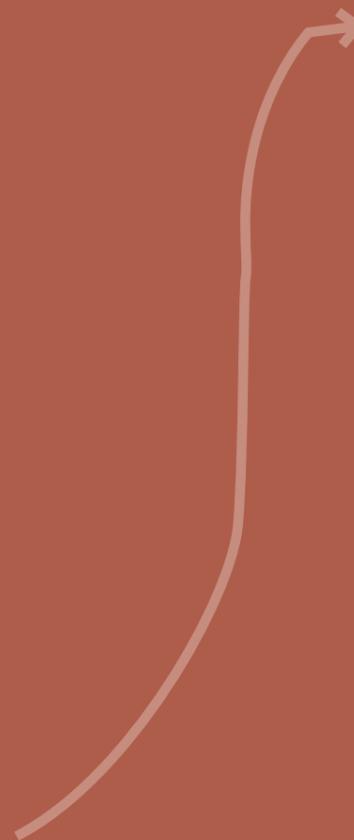
4. Together at heart



5. Seclude for a moment



6. Personal space

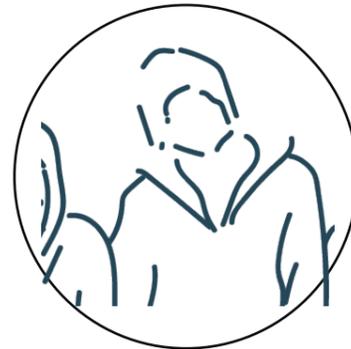




Workshops with users



**Weekly painting workshops at Leger des Heils**



**Interview youngster in a shelter**



**Youth Festival at Cult North**



**Maaszicht**  
*Behaviour specialist*



**Samen en Anders**  
*Kwartiermaker*



**Kamers met aandacht**  
*Currently housing a  
home-seeking youth*



**Gemeente Rotterdam**  
*Policy adviser homeless  
youth*



Interviews with professionals

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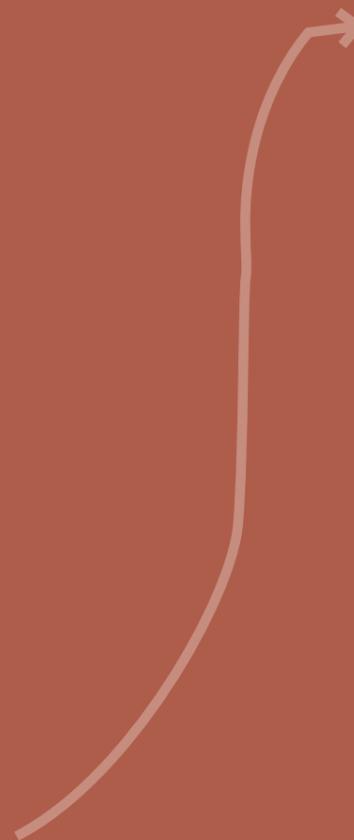
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# Fase 1: Insecure housing



## Fase 2: Getting help

### DRAWBACKS

- 4 week wait period when applying for supplementary benefits  
(Youth <27 years old)



## Fase 3: Arrange income

### DRAWBACKS

- Lower minimum salary (<21 years old)
- Lower governmental benefits (<21 years old)
- Applying for additional municipal benefits takes extra time



## Fase 4: Back to housing

### DRAWBACKS

- Lower Rent allowance (youth <23)
- Long waiting lists



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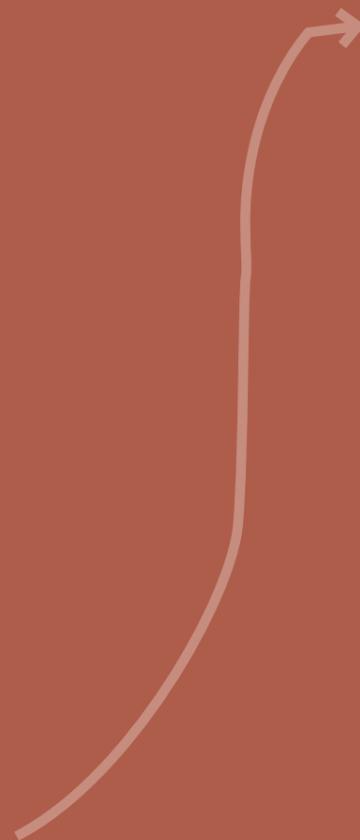
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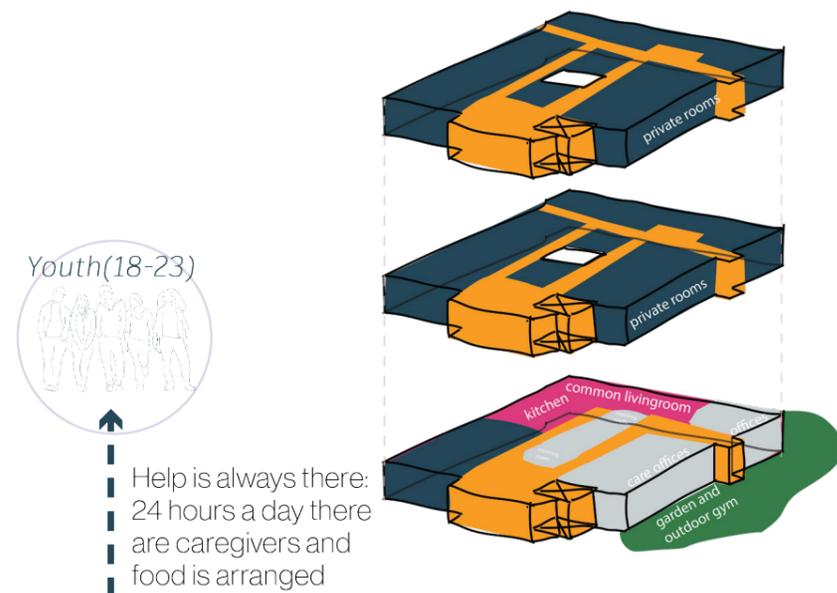
6. Personal space



House + Home-seeking youth  $\neq$  Home

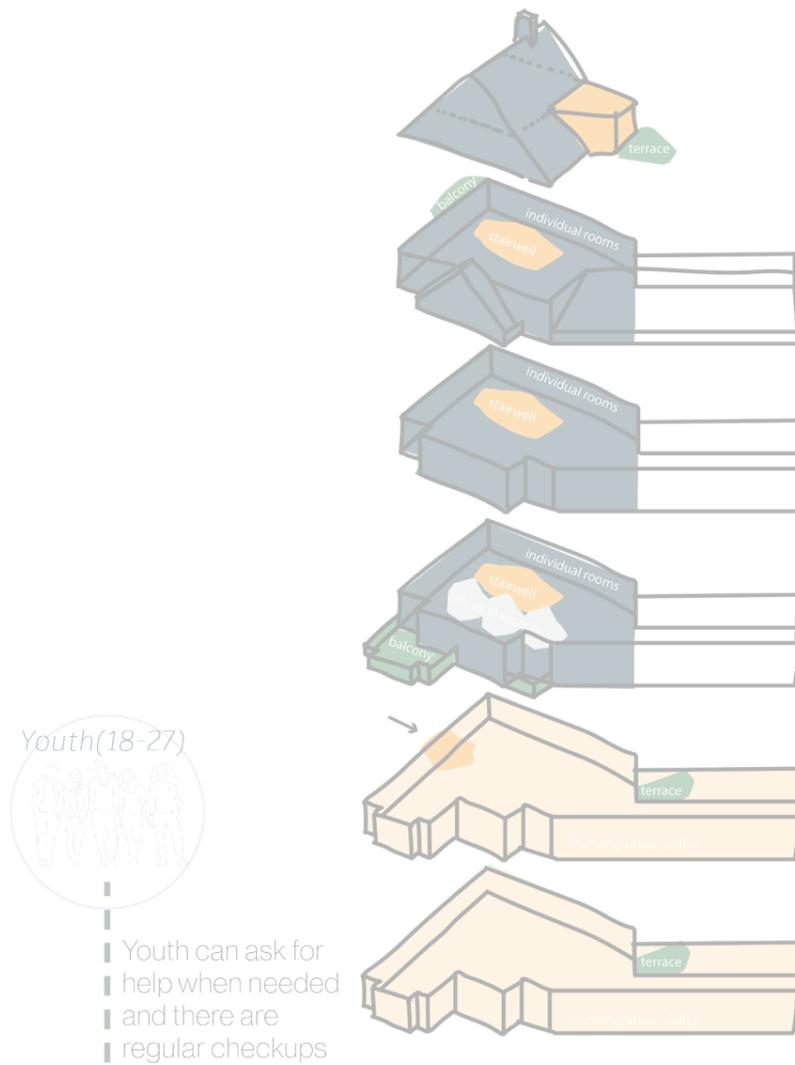
House + Home-seeking youth + ? = Home

# Case studies - Maaszicht



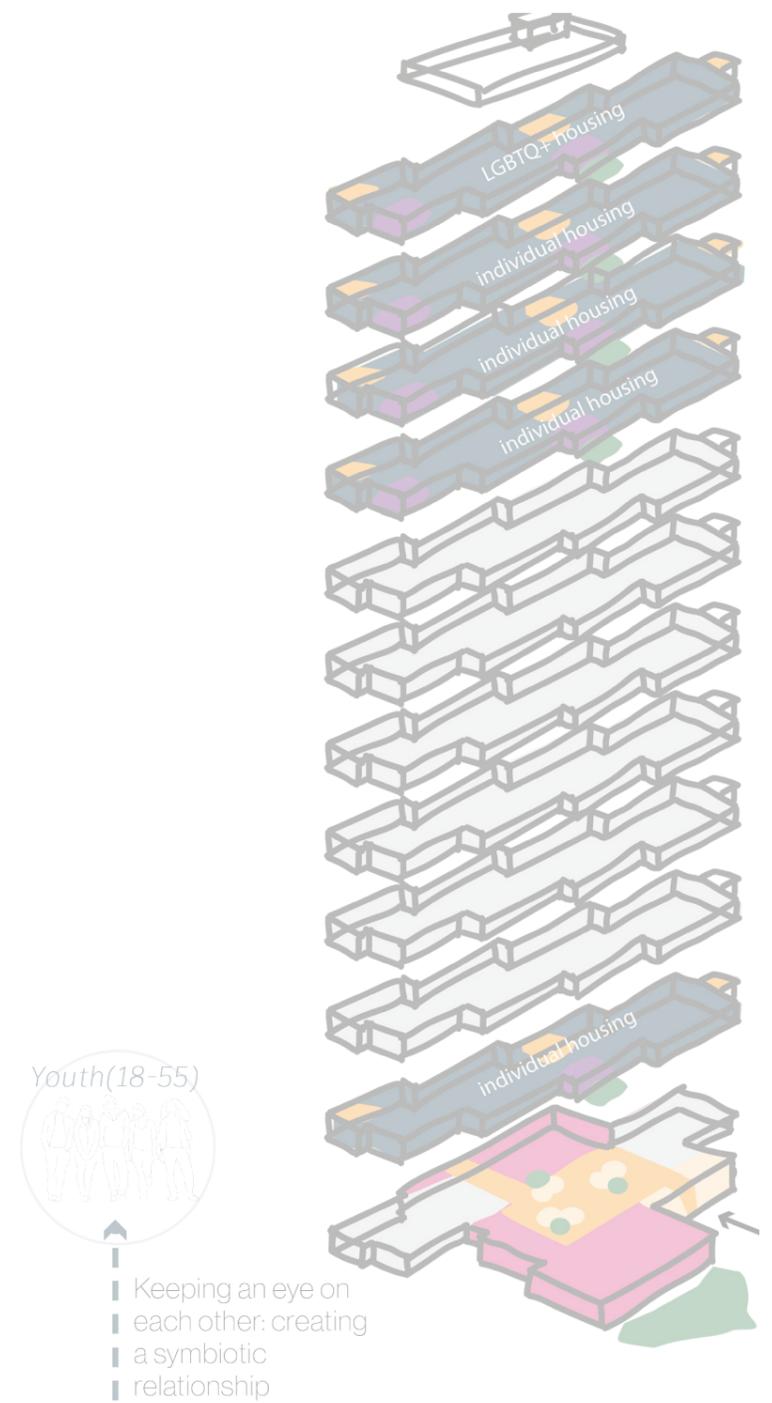
Caregivers 24h

Case study 1  
Maaszicht



Ambulant caregiver

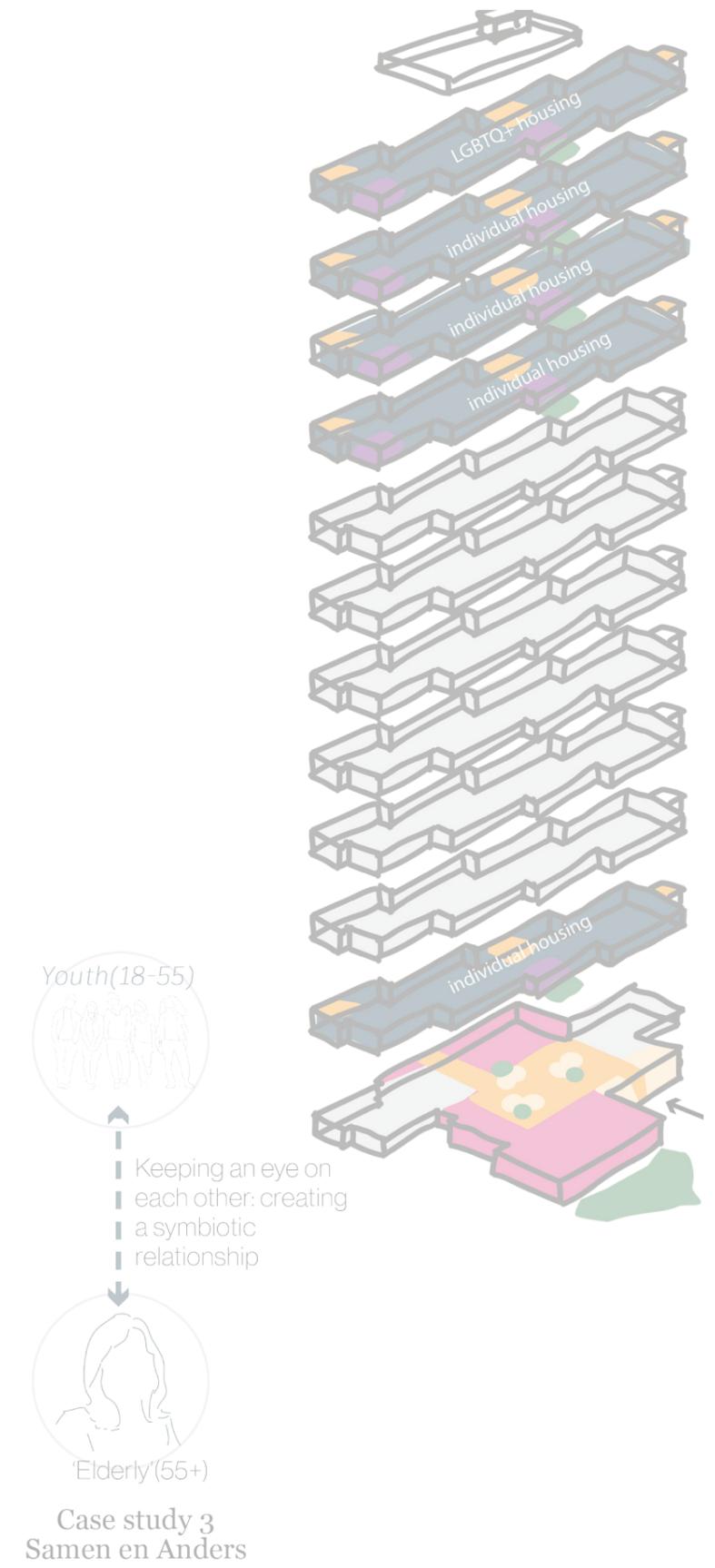
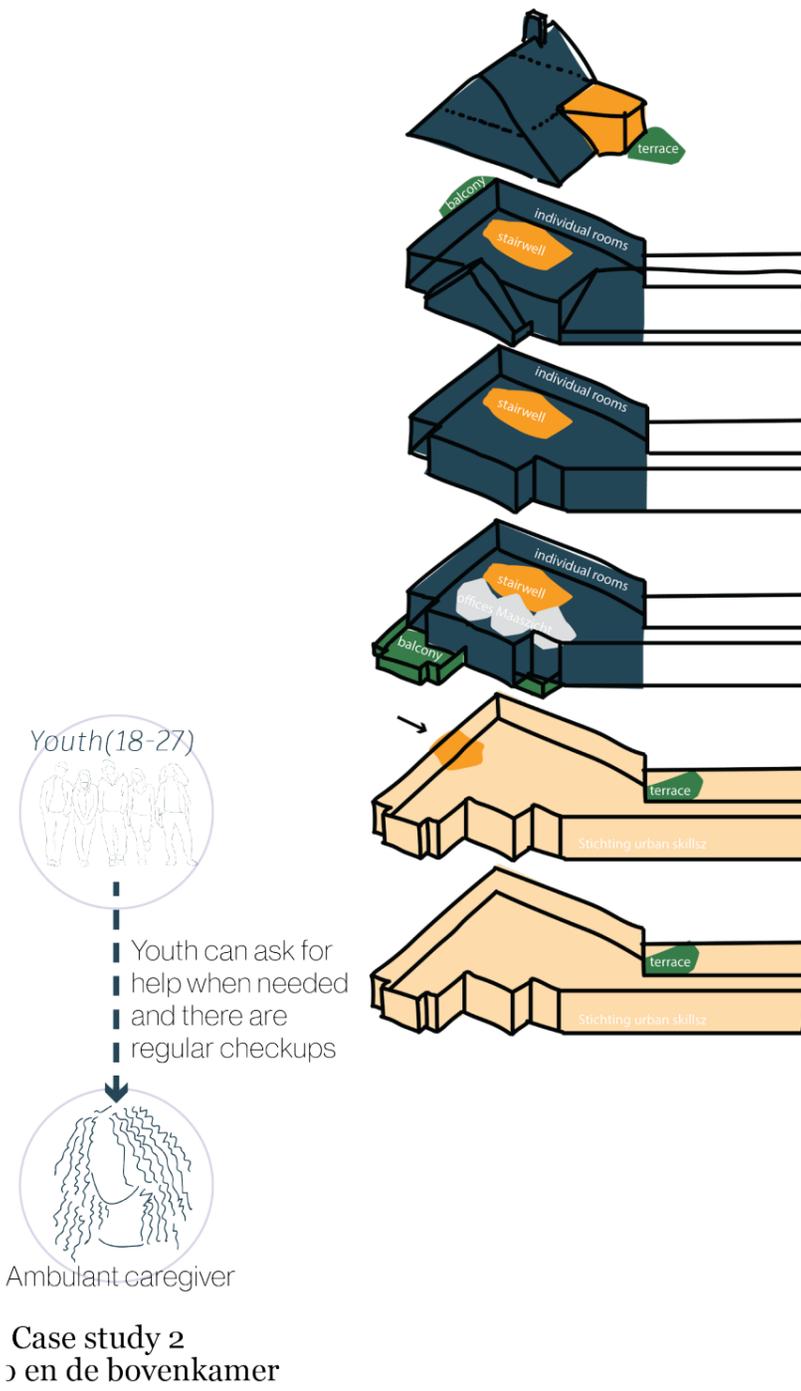
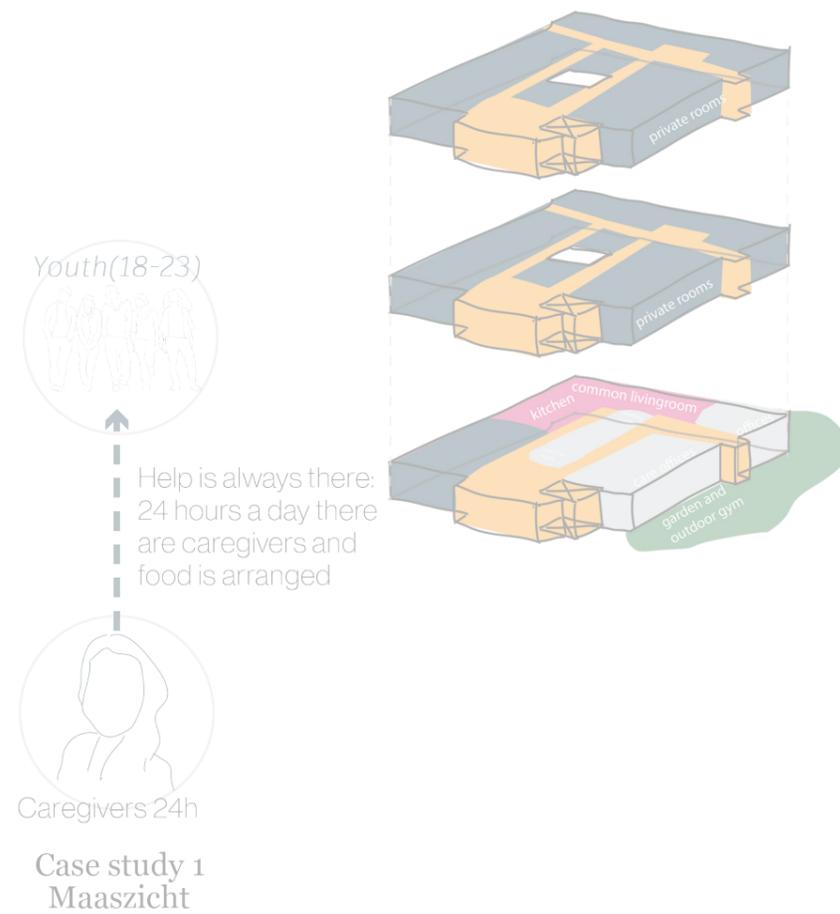
Case study 2  
Jou en de bovenkamer



'Elderly'(55+)

Case study 3  
Samen en Anders

# Case studies - Buro en de bovenkamer



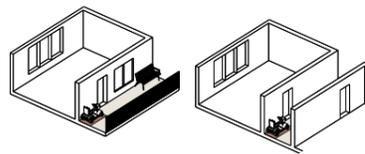


House + Home-seeking youth + ? = Home?

# Urban veterans (65+)

## INSTRUMENTARIUM

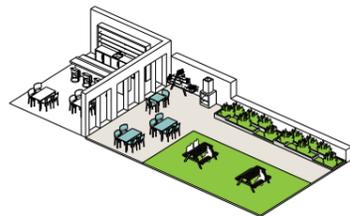
Programmatisch



Ontsluiting woningen via galerij of gang, met ruimte voor stalling scootmobiel.



Meerdere sfeervolle multifunctionele ruimten van verschillende grootte voor samen eten/drinken, cursussen, spelletjes, knutselen etc. Ook toegankelijk voor mensen uit de buurt.



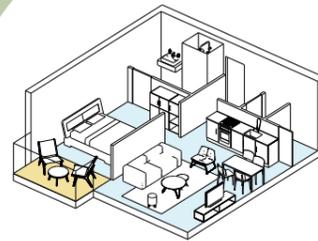
Mooie groene gedeelde tuin met terras om elkaar te kunnen ontmoeten en met vrienden/familie te verblijven. Onderhoud door vrijwilligers (jonge ouders of extern).



Liever ontmoetingsruimten op begane grond dan op verdieping of dak, connectie met straat (interactie) is gewenst.

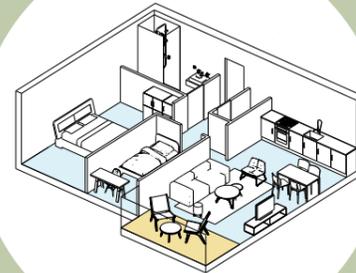
*Pluk en Play  
field research with INBO*

## WOONWENSEN



Tweekamer-appartement

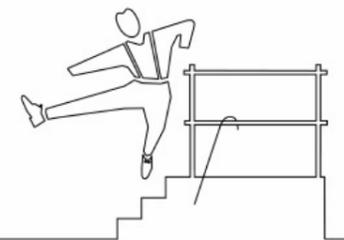
- Bewegruimte rollator/rolstoel
- Aparte slaapruijnte
- Eigen keuken, woonkamer en badkamer
- Compacte eigen buitenruimte
- Berging



Driekamer-appartement

- Bewegruimte rollator/rolstoel
- Aparte slaapruijnte
- Eigen keuken, woonkamer en badkamer
- Tweede slaapkamer als logeerkamer/hobbykamer
- Compacte eigen buitenruimte

## STADSVETERANEN



een onderzoek naar verhalen over gelukkig oud worden in de stad

*Stadsveteranen -  
Heren 5 architecten*

House + Home-seeking youth + urban veteran = Home?

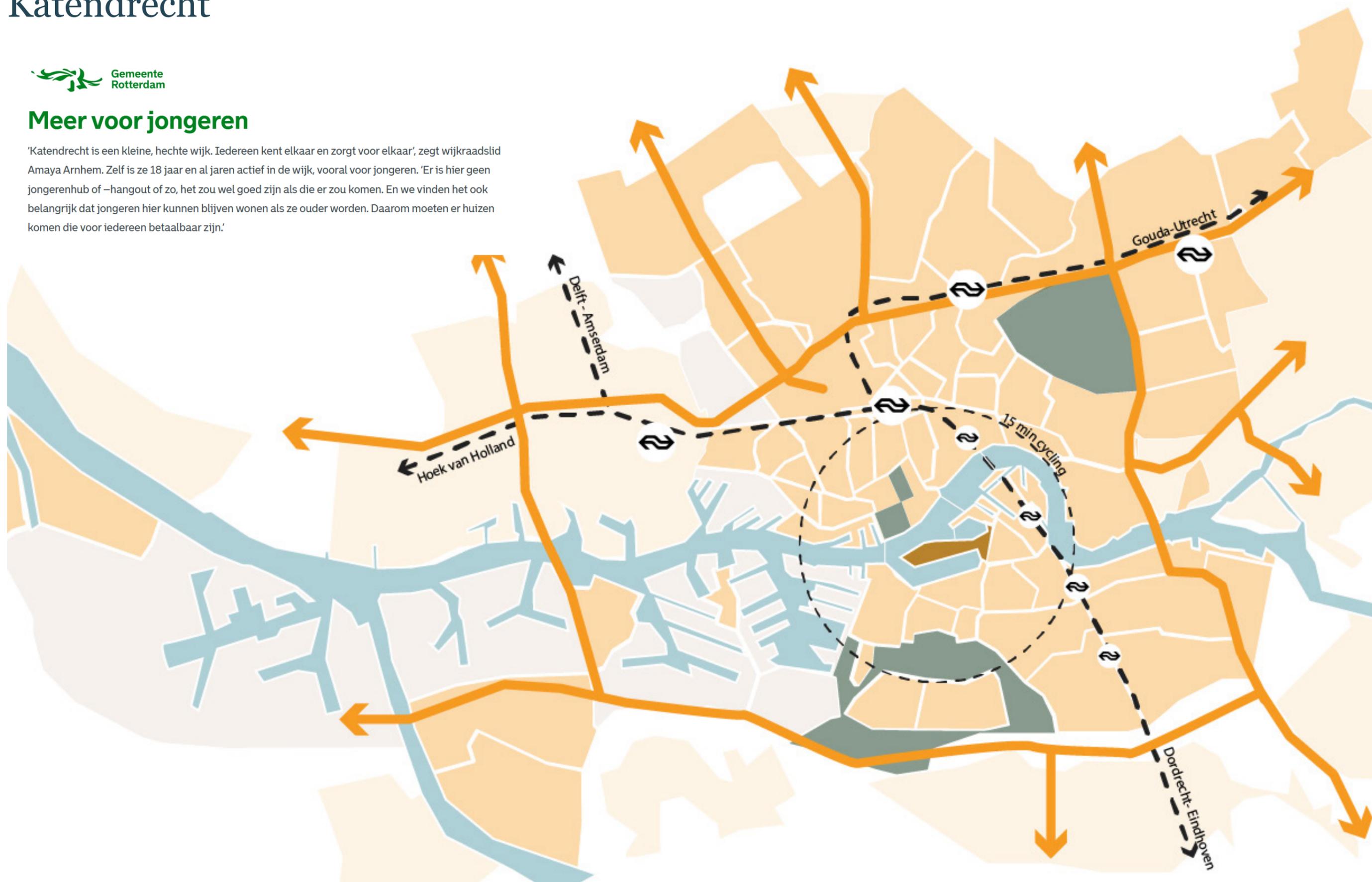


# Katendrecht

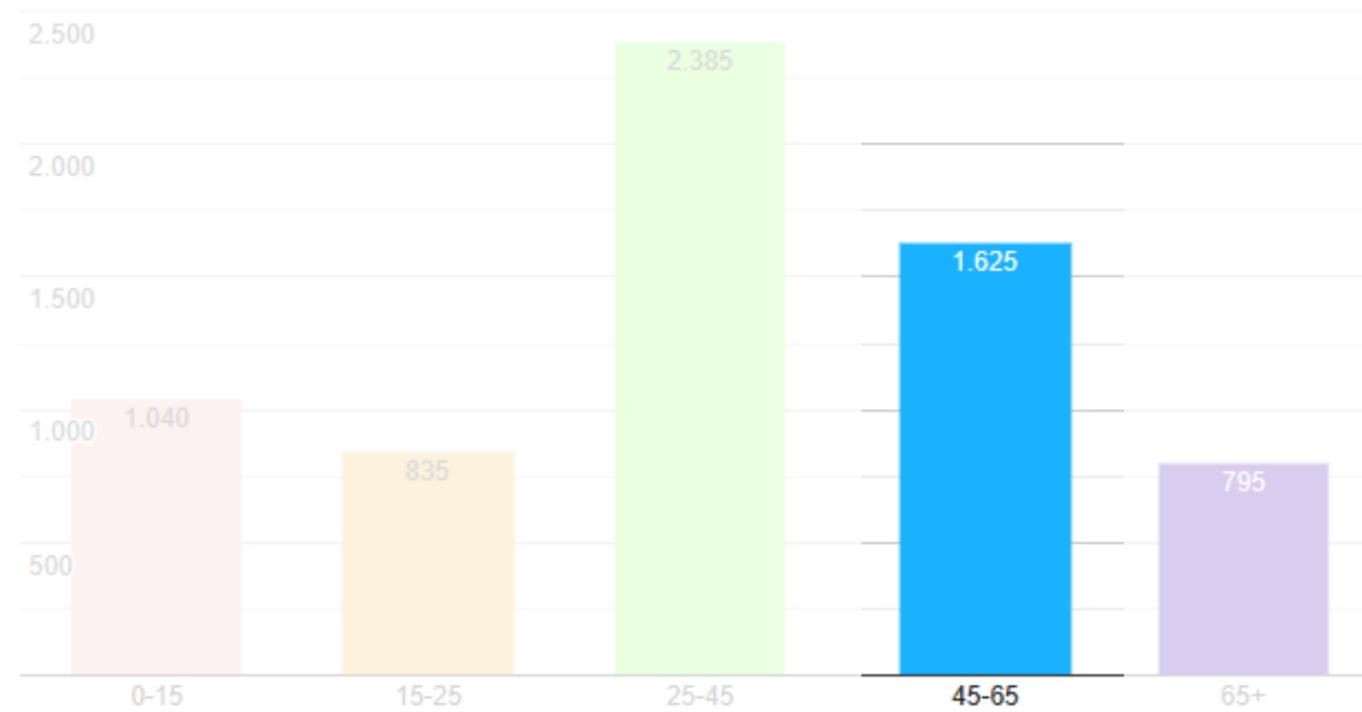


## Meer voor jongeren

'Katendrecht is een kleine, hechte wijk. Iedereen kent elkaar en zorgt voor elkaar', zegt wijkraadslid Amaya Arnhem. Zelf is ze 18 jaar en al jaren actief in de wijk, vooral voor jongeren. 'Er is hier geen jongerenhub of -hangout of zo, het zou wel goed zijn als die er zou komen. En we vinden het ook belangrijk dat jongeren hier kunnen blijven wonen als ze ouder worden. Daarom moeten er huizen komen die voor iedereen betaalbaar zijn.'



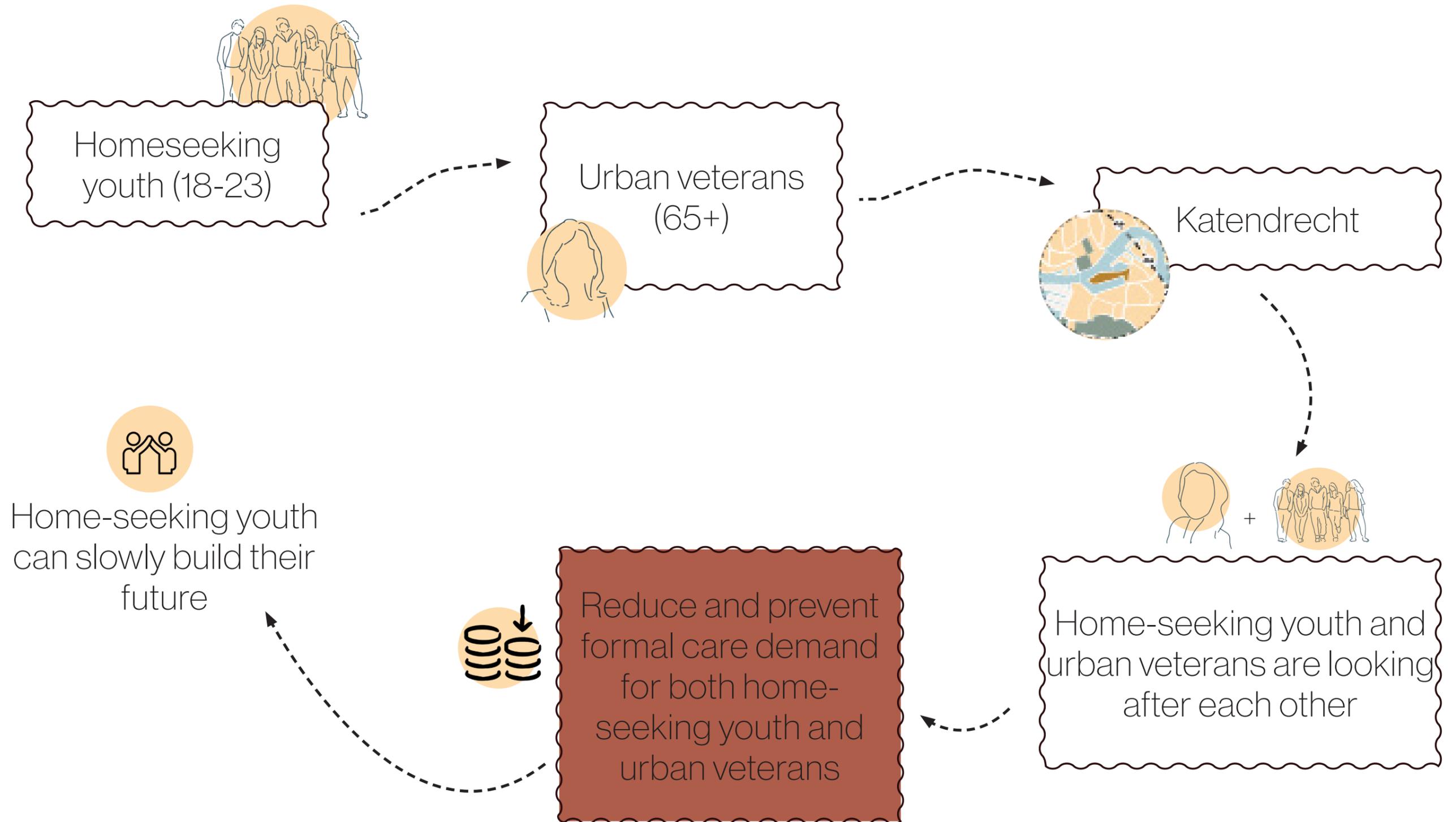
# More and more urban veterans



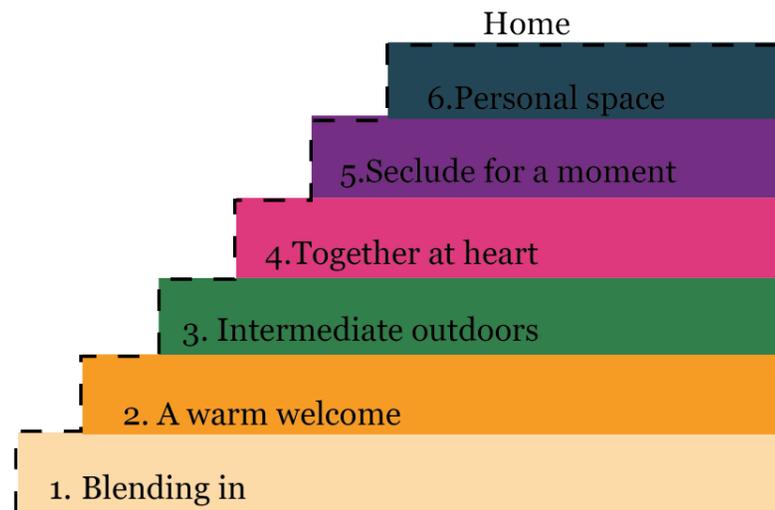
Bevolking, leeftijdsgroepen: aantal inwoners op 1 januari 2023 per leeftijdsgroep.

*Demographics  
Katendrecht*

# “How can a residential building facilitate the physical, social, and mental needs of home-seeking youth?”



# Design tools



*6 Steps to make a home for home-seeking youth (own image)*

*Based on research 'Terug naar Eigenwaarde: Onderzoeksfase & ontwerprichting.' of Garage2020 (2020).*

## 1. Blending in

- third place (for youth)
- supermarket
- hospitality
- youth foundation
- youth with a manageable personal baggage (in the building)

## 2. A warm welcome

- help desk/doorman
- everyone uses the same entrance
- common space linked with entrance
- match person to match youth with elderly

## 3. Intermediate outdoors

- activities to do together
- relax spot
- meeting spot
- choice budget for common spaces

## 4. Together at heart

- no official supervision over space
- cozy meeting spot
- activities to do together
- practical incentive to pass by
- safe non-judgemental space
- choice budget for common spaces

## 5. Seclude for a moment

- study spots
- reading spots
- resting spots
- choice budget for common spaces

## 6. Personal space

- max 450 euros per month
- applicable for rent allowance
- independent room
  - kitchenette
  - own lockable door
  - own toilet
- personal sanitary space

# RESEARCH

Research  
Setup



Current  
experience



Architectural  
concept

# DESIGN

1. Blending in



2. A warm welcome



3. Intermediate outdoors



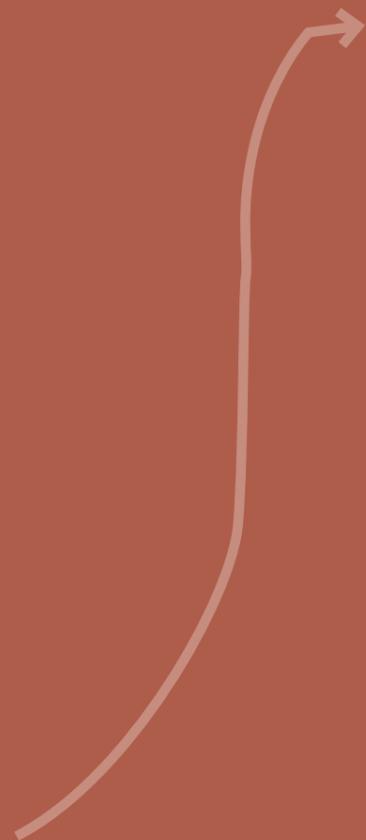
4. Together at heart



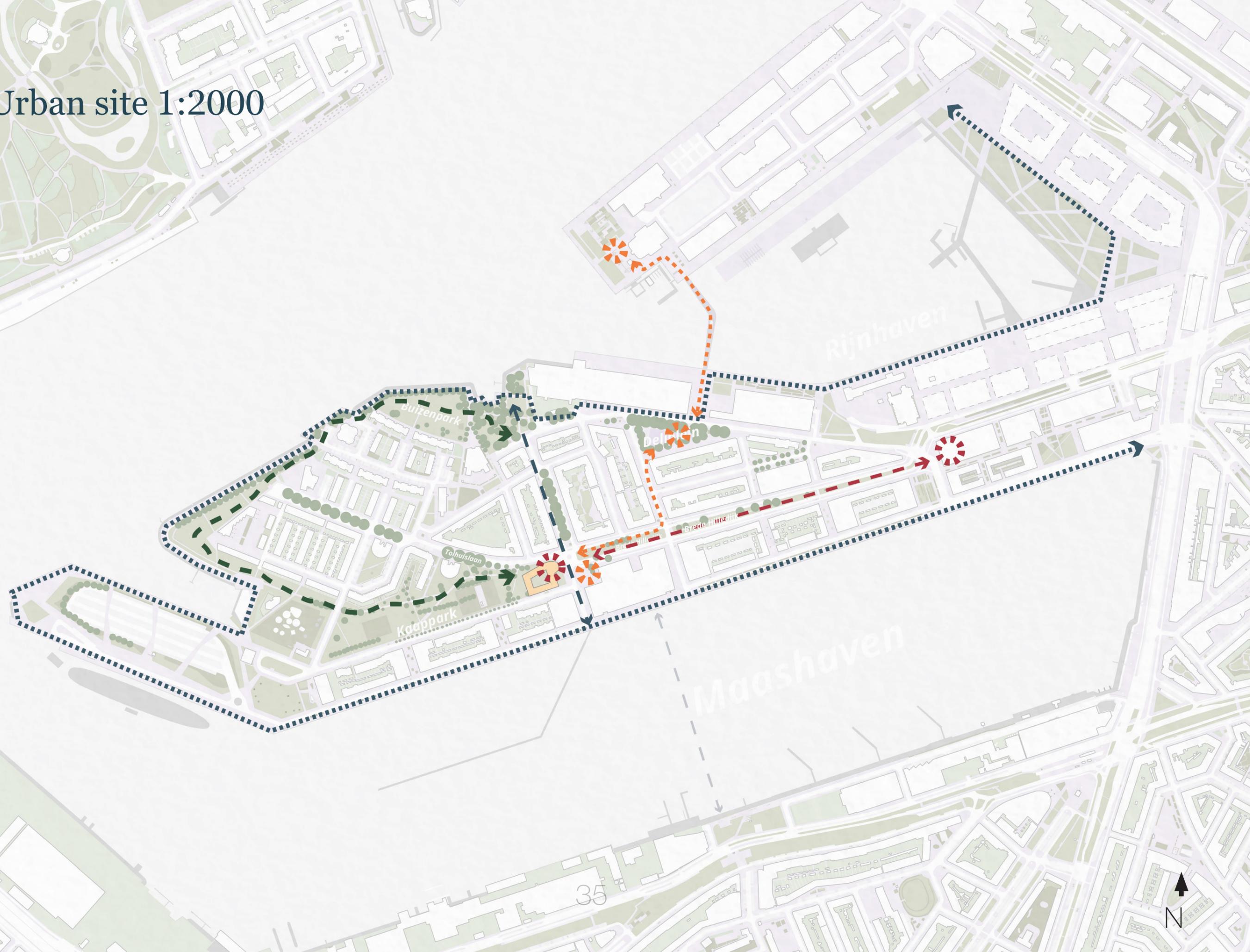
5. Seclude for a moment



6. Personal space

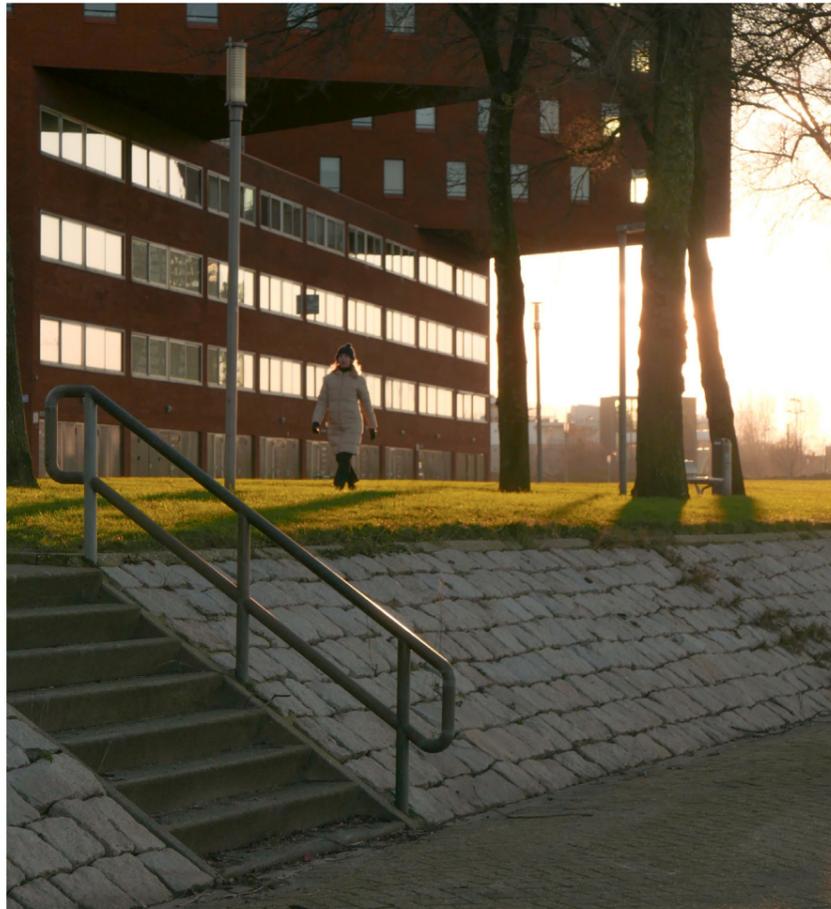


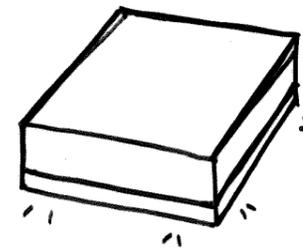
Urban site 1:2000



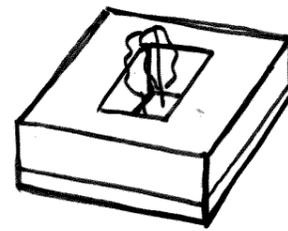
35



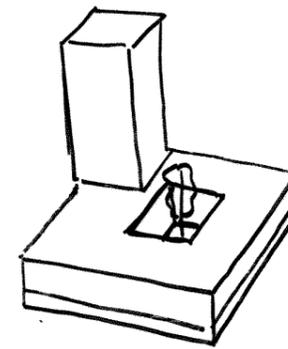




public plinth



intermediate  
outdoors



height  
accent



# 1. Blending in



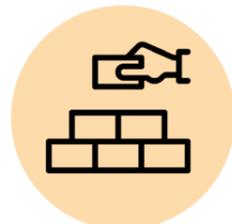
Third place  
(for youth)



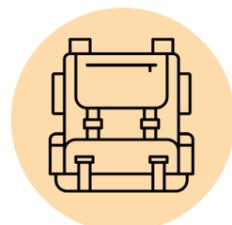
Local  
supermarket



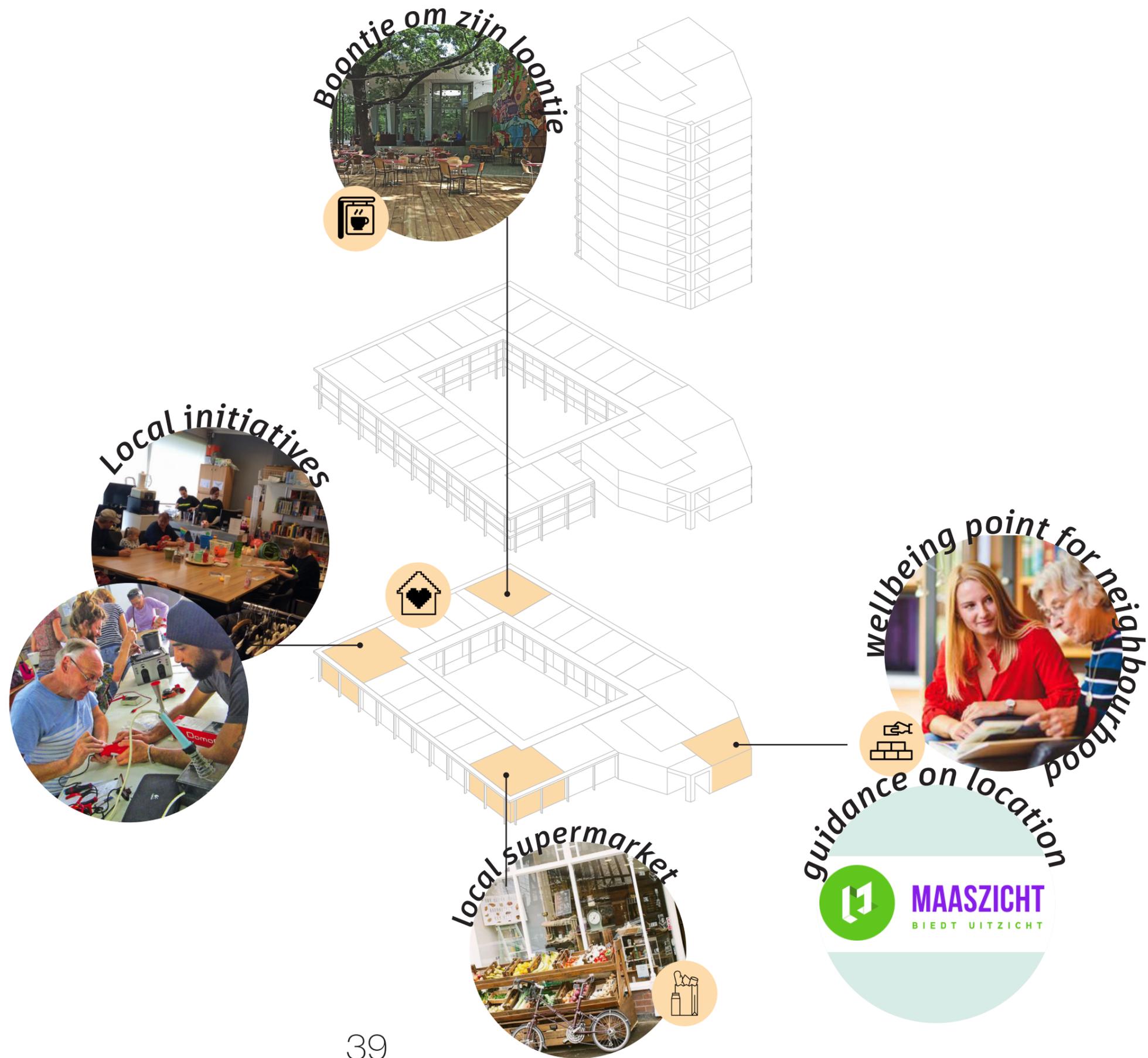
Hospitality



Wellbeing office  
guidance on  
location



Housing  
youth with a  
managable  
personal baggage







# RESEARCH

Research  
Setup



Current  
experience



Architectural  
concept

# DESIGN

1. Blending in



2. A warm welcome



3. Intermediate outdoors



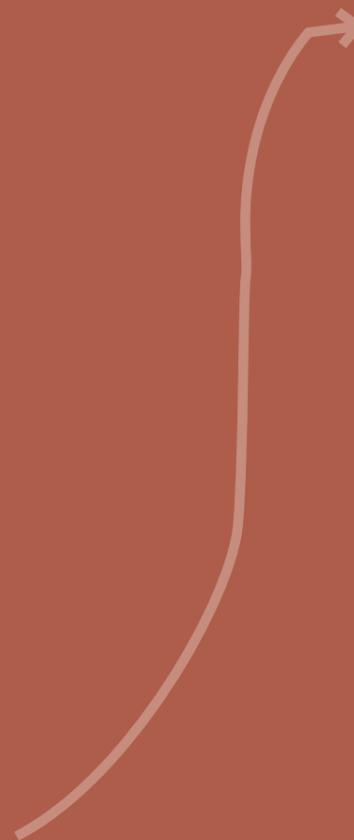
4. Together at heart



5. Seclude for a moment



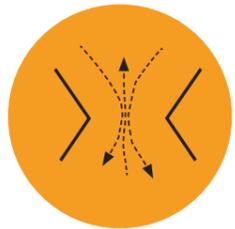
6. Personal space



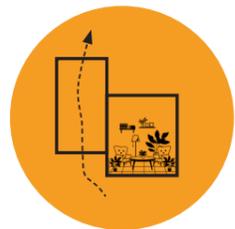
## 2. A warm welcome



Help desk/  
doorman



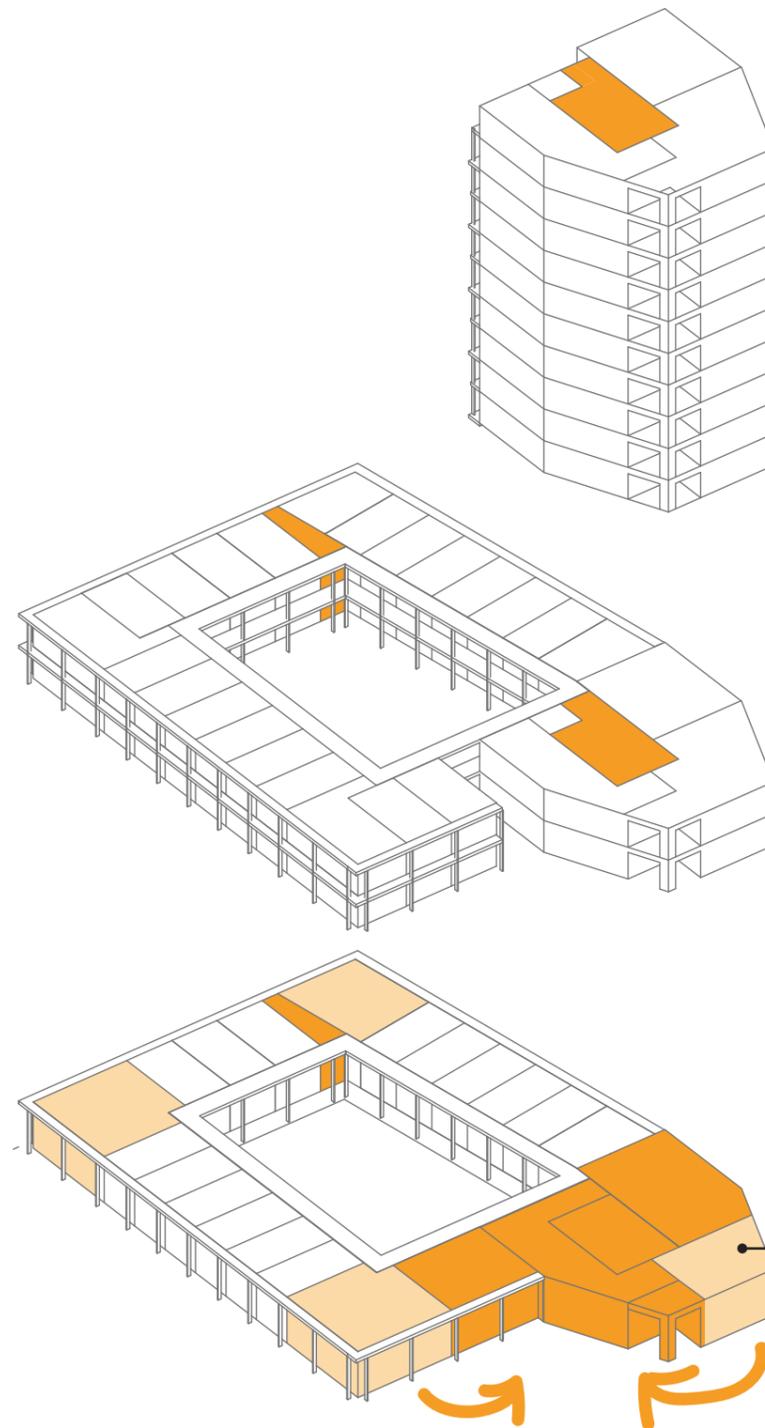
Everyone uses the same  
entrance



Entrance linked  
with neighbourhood  
functions



Match person with care  
background to match  
the right urban veteran  
with the right home-  
seeking youth



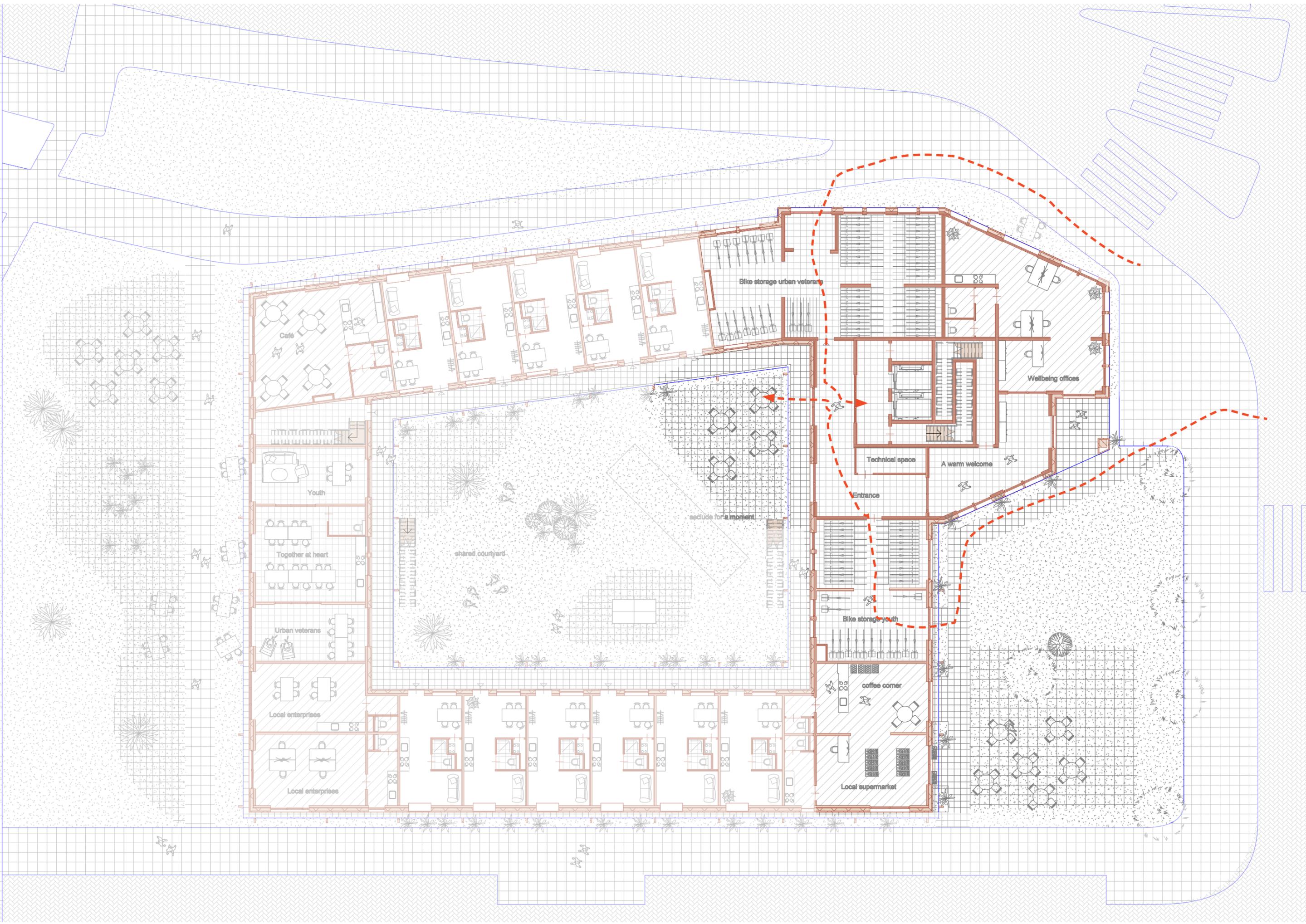
guidance on location



**MAASZICHT**  
BIEDT UITZICHT

wellbeing point for neighbourhood









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**3. Intermediate outdoors**



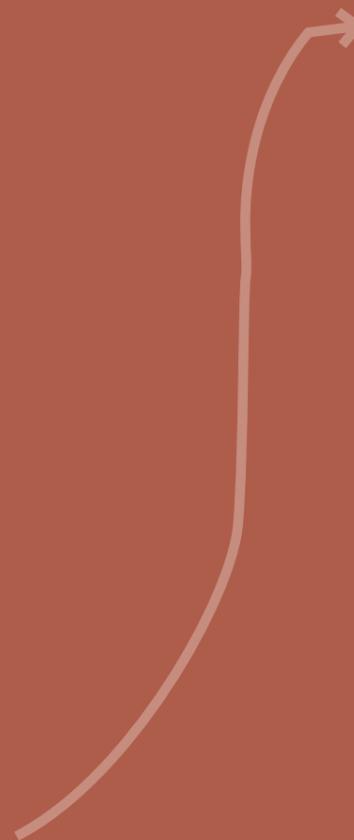
4. Together at heart



5. Seclude for a moment



6. Personal space



# 3 Intermediate outdoors



activities to do together



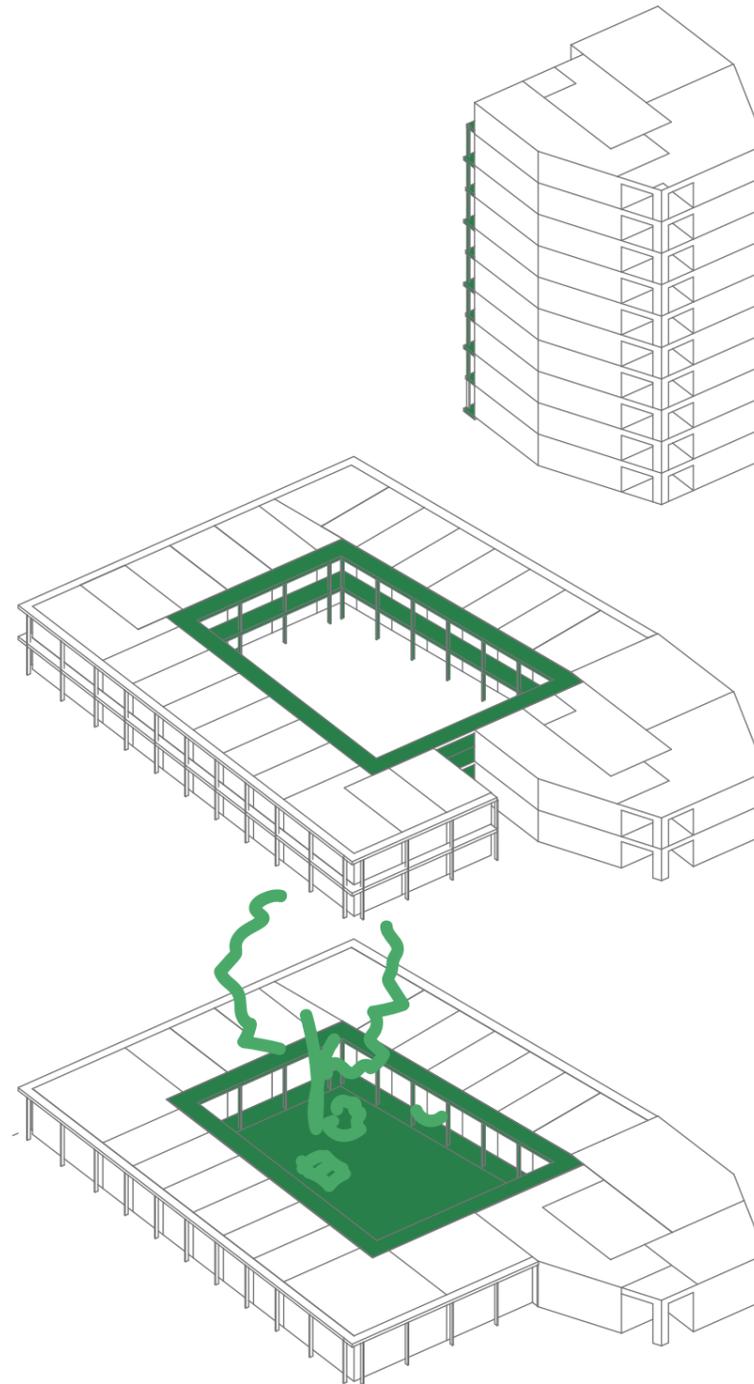
relax spot

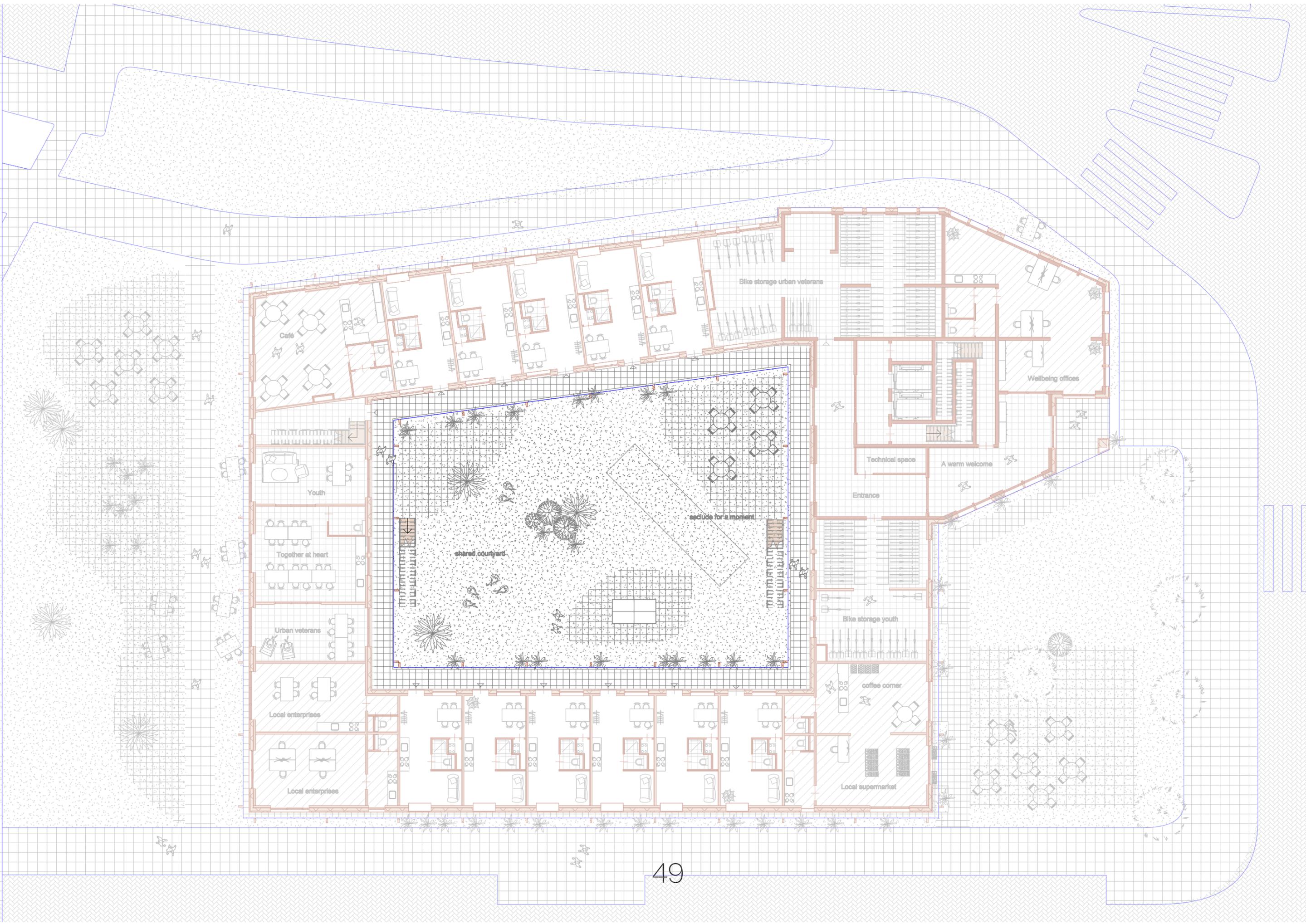


meeting spot



choice budget for common spaces









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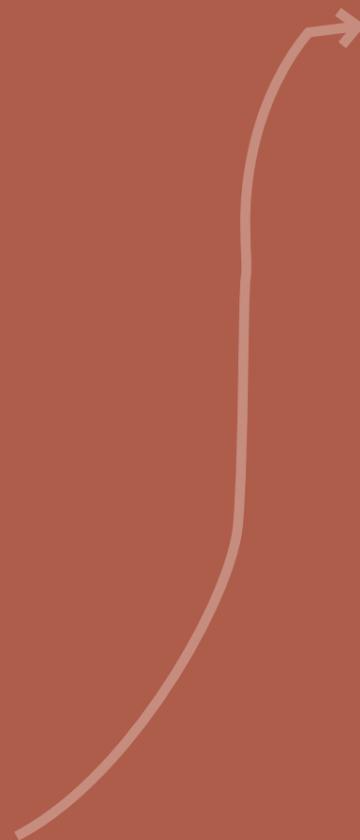
**4. Together at heart**



5. Seclude for a moment



6. Personal space



# 4 Together at heart



No 'official' supervision over space



Cozy meeting spot



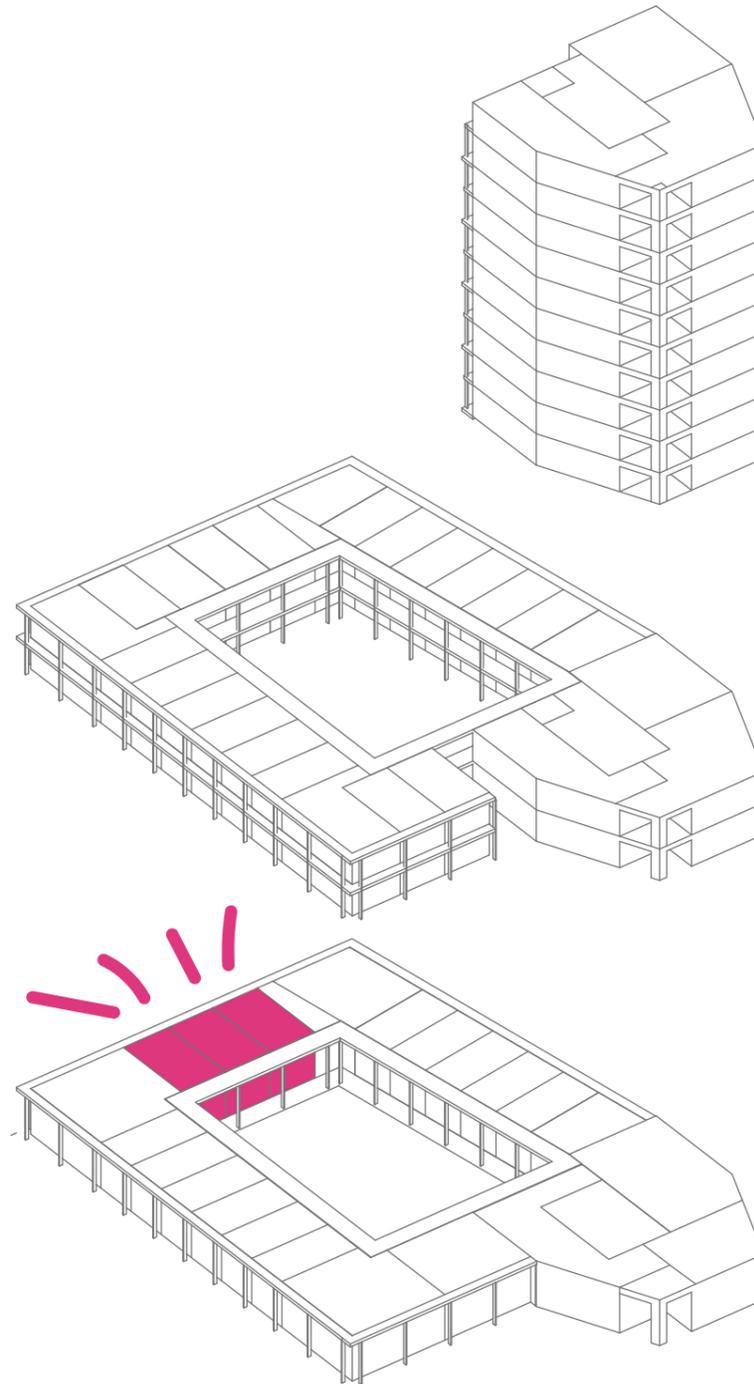
Activities to do together

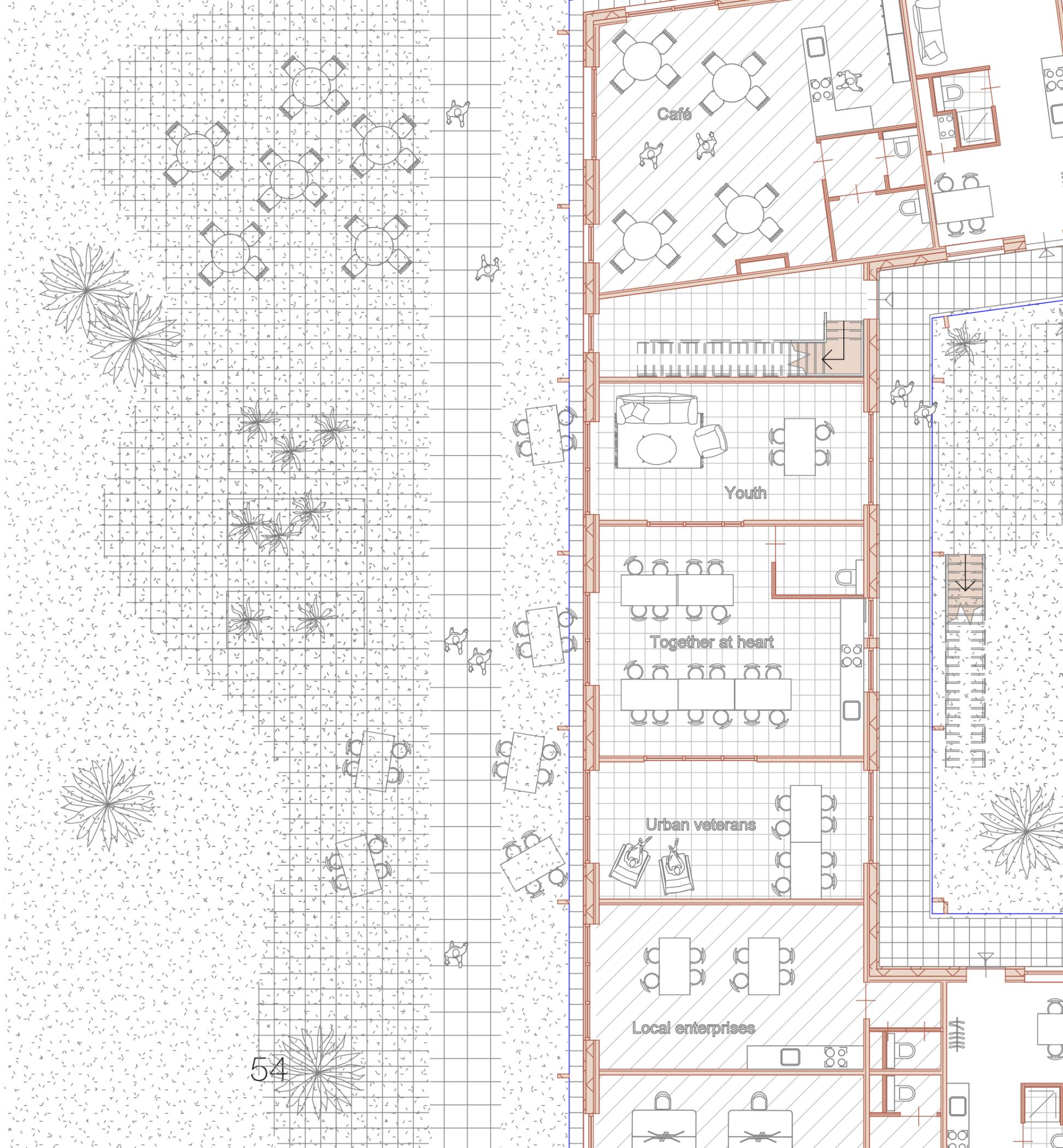


Possibility to open up to neighbourhood



Choice budget for common spaces









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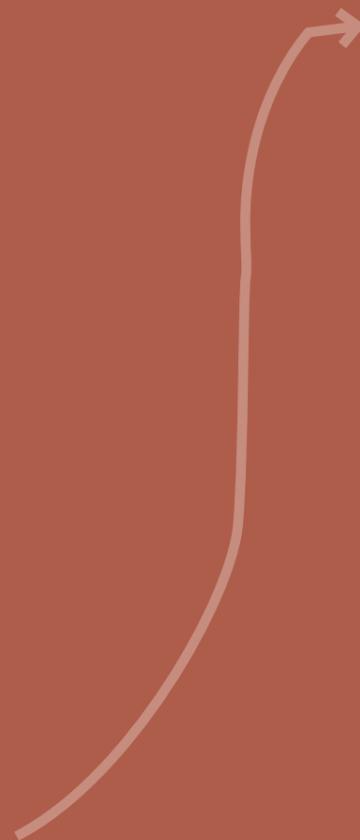
4. Together at heart



5. Seclude for a moment



6. Personal space



# 4 Seclude for a moment



Study spots



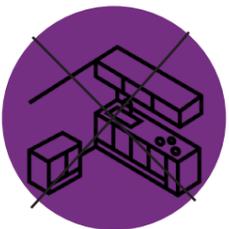
Reading spots



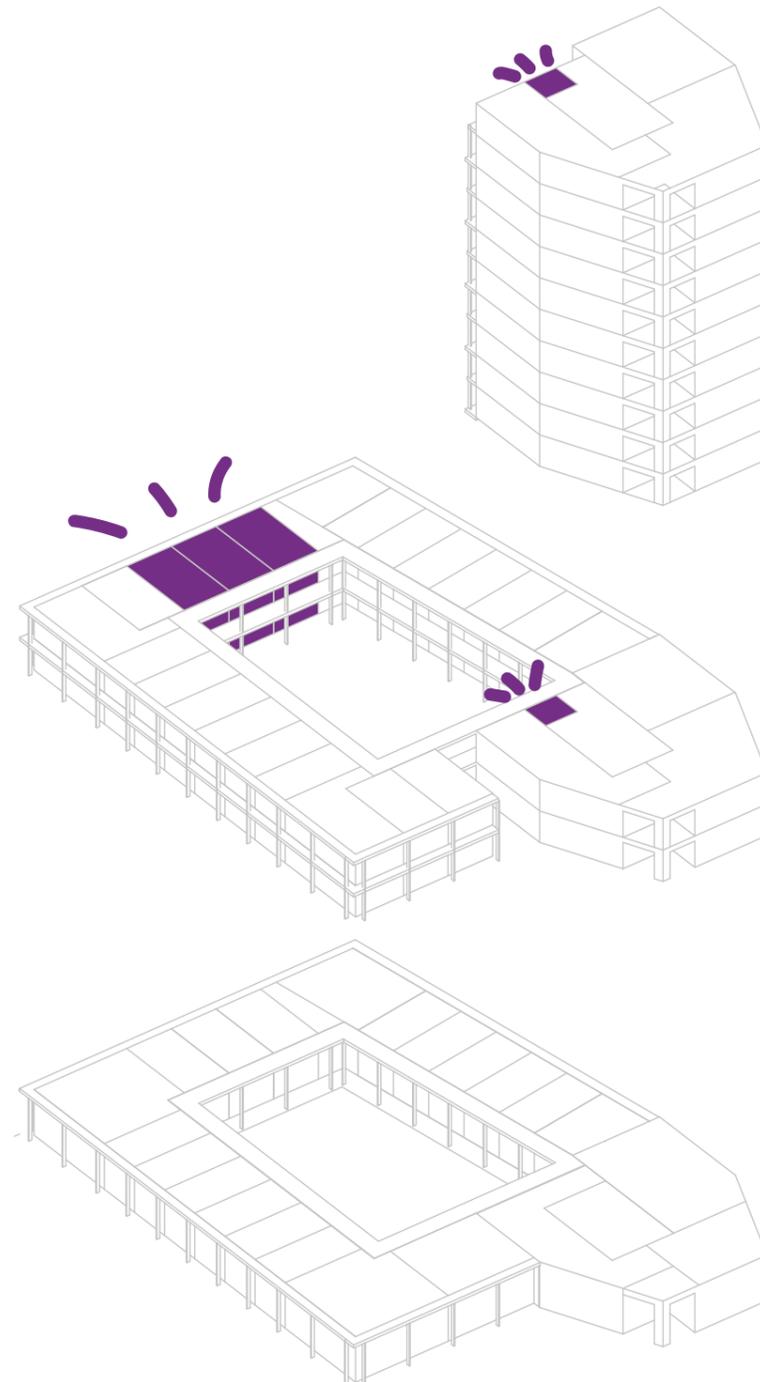
Resting spots

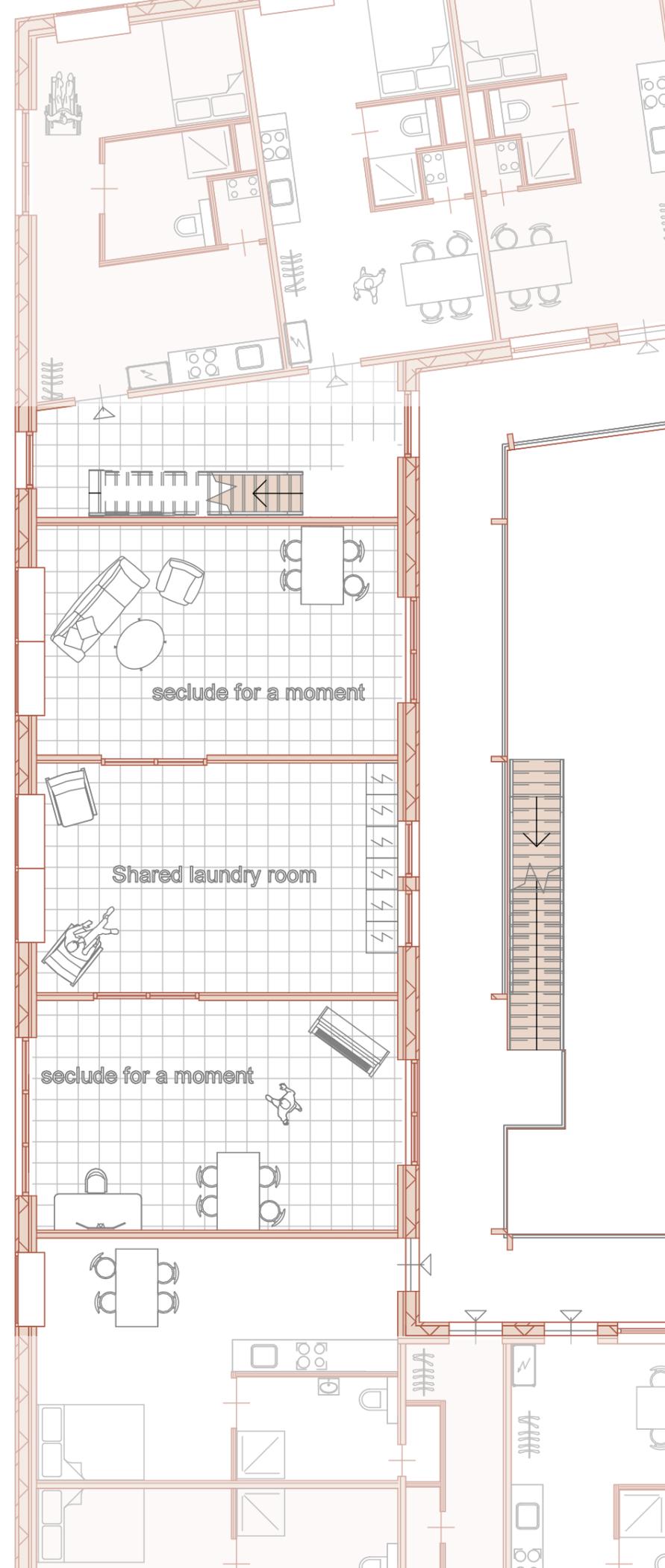
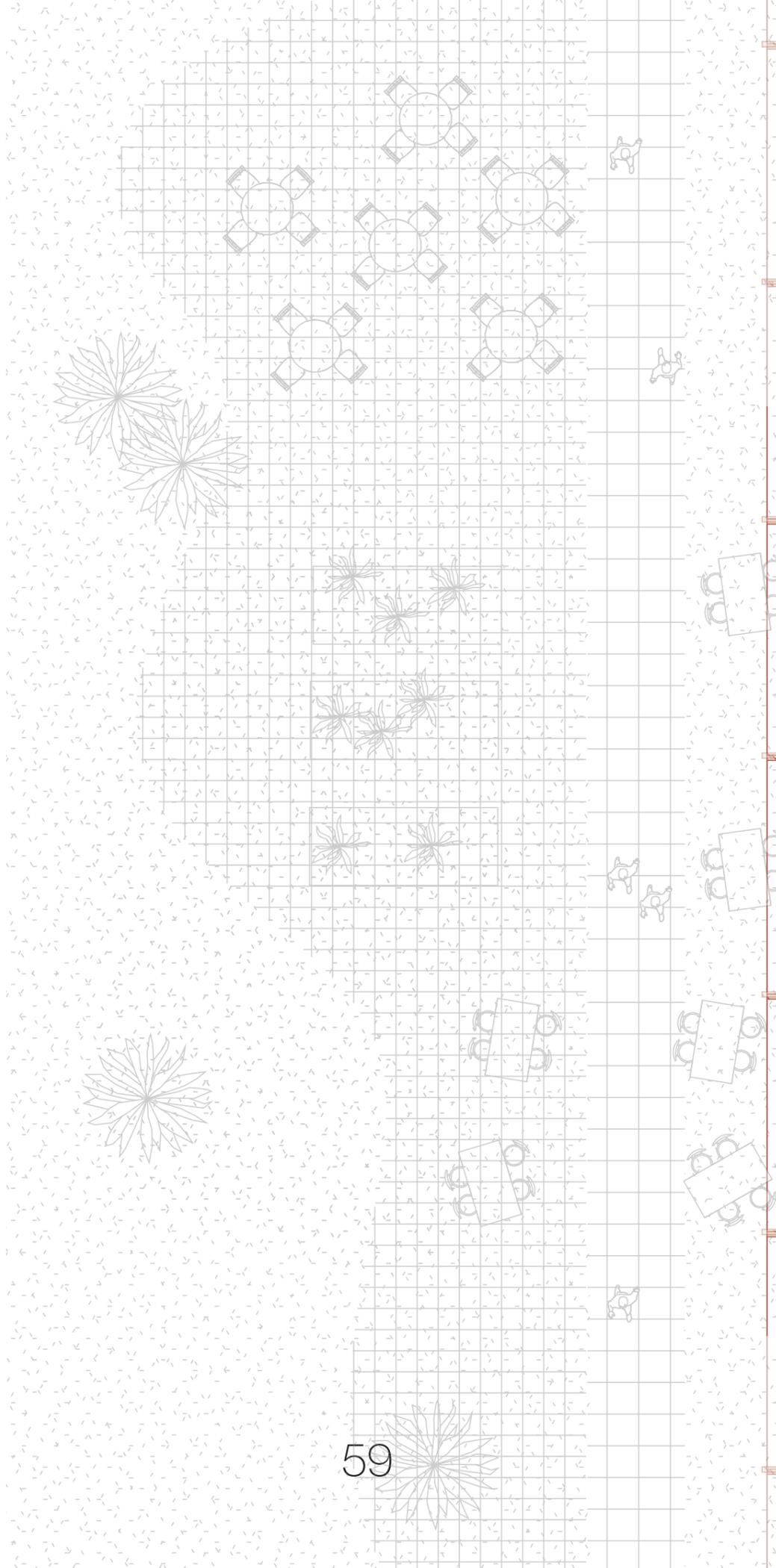


Incentive to stop by



Easy maintenance  
(not too much cleaning necessary)









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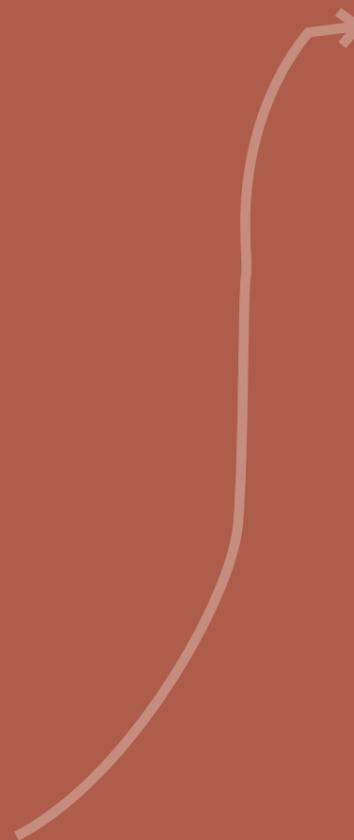
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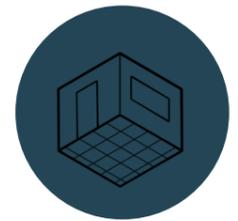
## 6. Personal space



Max 450 euros per month



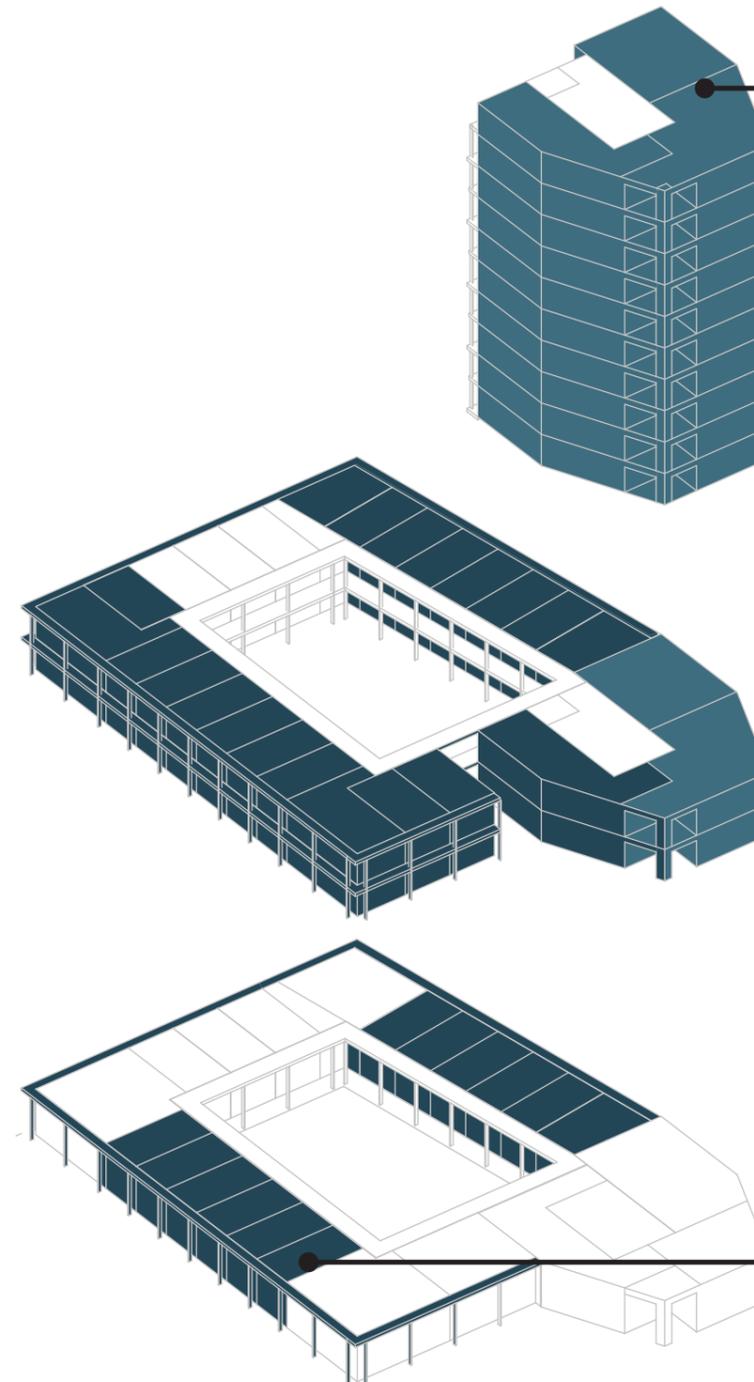
Applicable for rent allowance



Independent room  
- kitchenette  
- own lockable door  
- own toilet



Personal sanitary space



34 apartments for urban veterans



52 apartments for home-seeking youth

