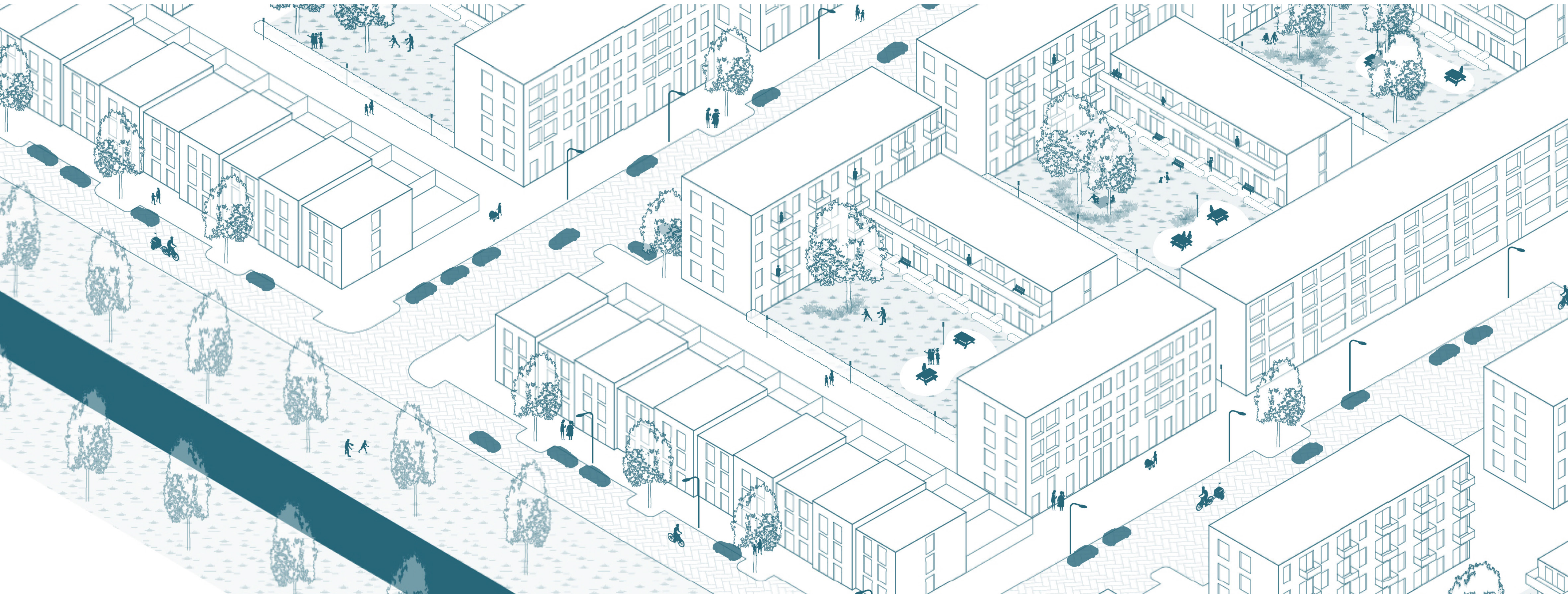


# UNSAFETY

Improving perceived safety through spatial design in Pendrecht

by Lieke Marijnissen (Delft University of Technology)



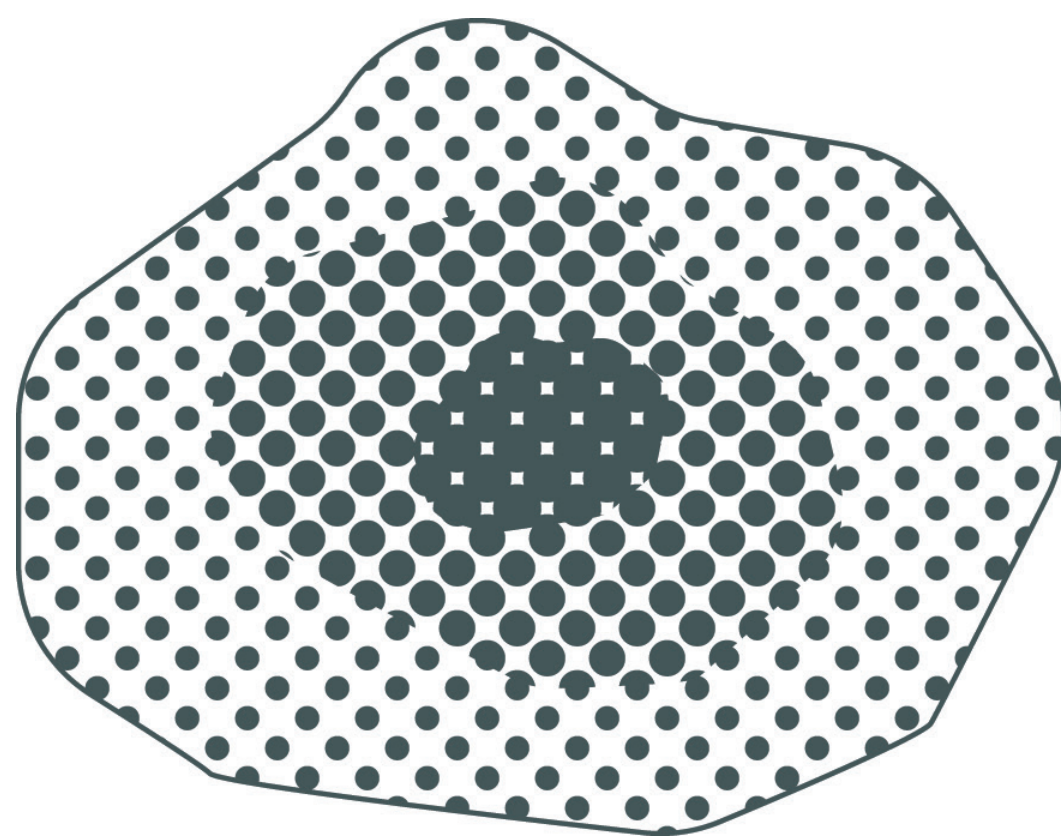


# URBAN CHALLENGES

Growing population in cities



Densifying the existing urban environment



Maintaining the quality of life

QUALITY OF LIFE	
Livability	<input checked="" type="checkbox"/>
Sustainability	<input checked="" type="checkbox"/>
Society	<input checked="" type="checkbox"/>
Safety	<input checked="" type="checkbox"/>

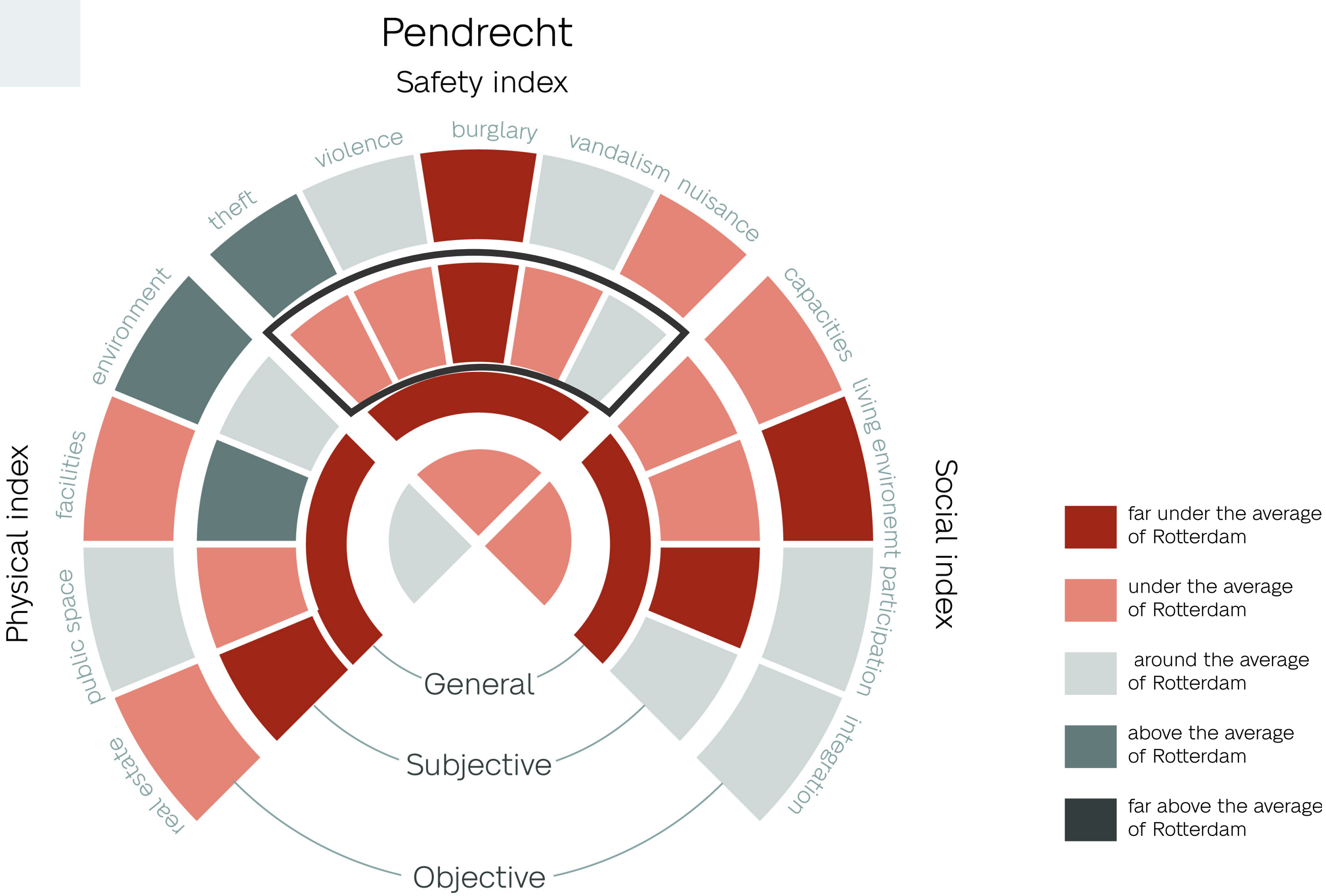


## MODERNIST NEIGHBORHOOD



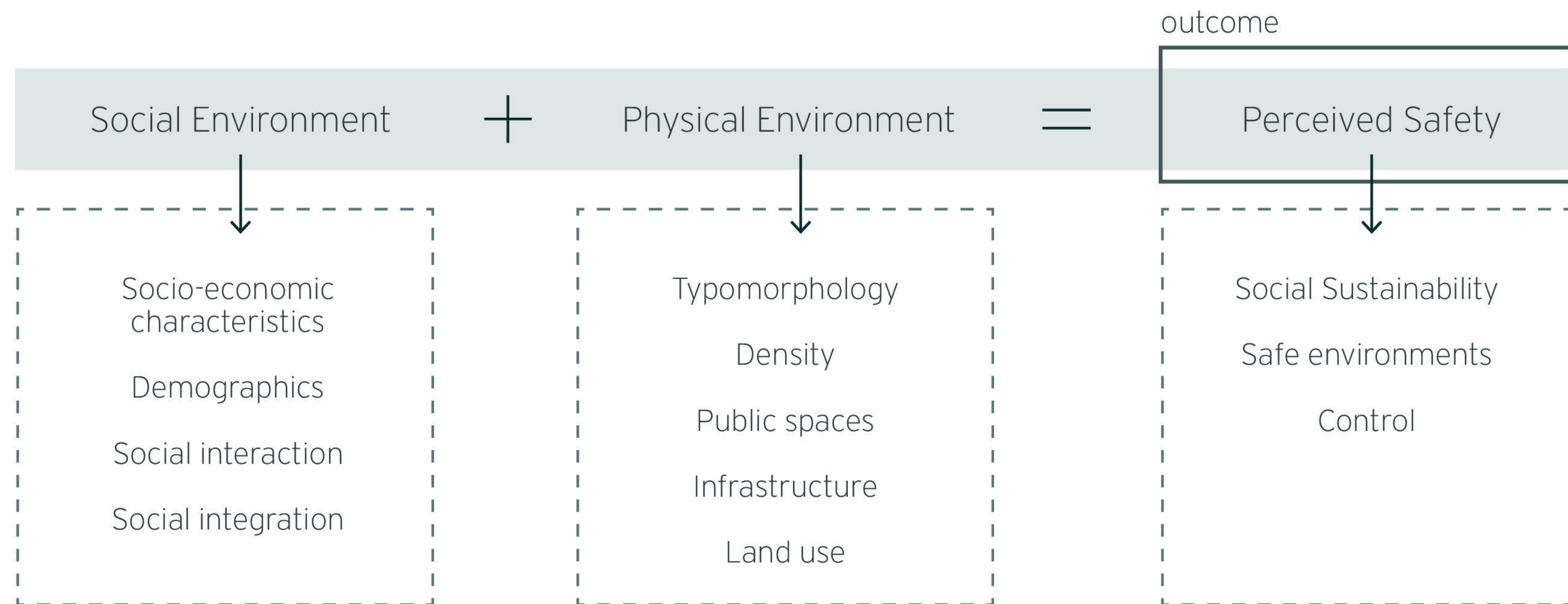


NEIGHBORHOOD PROFILE





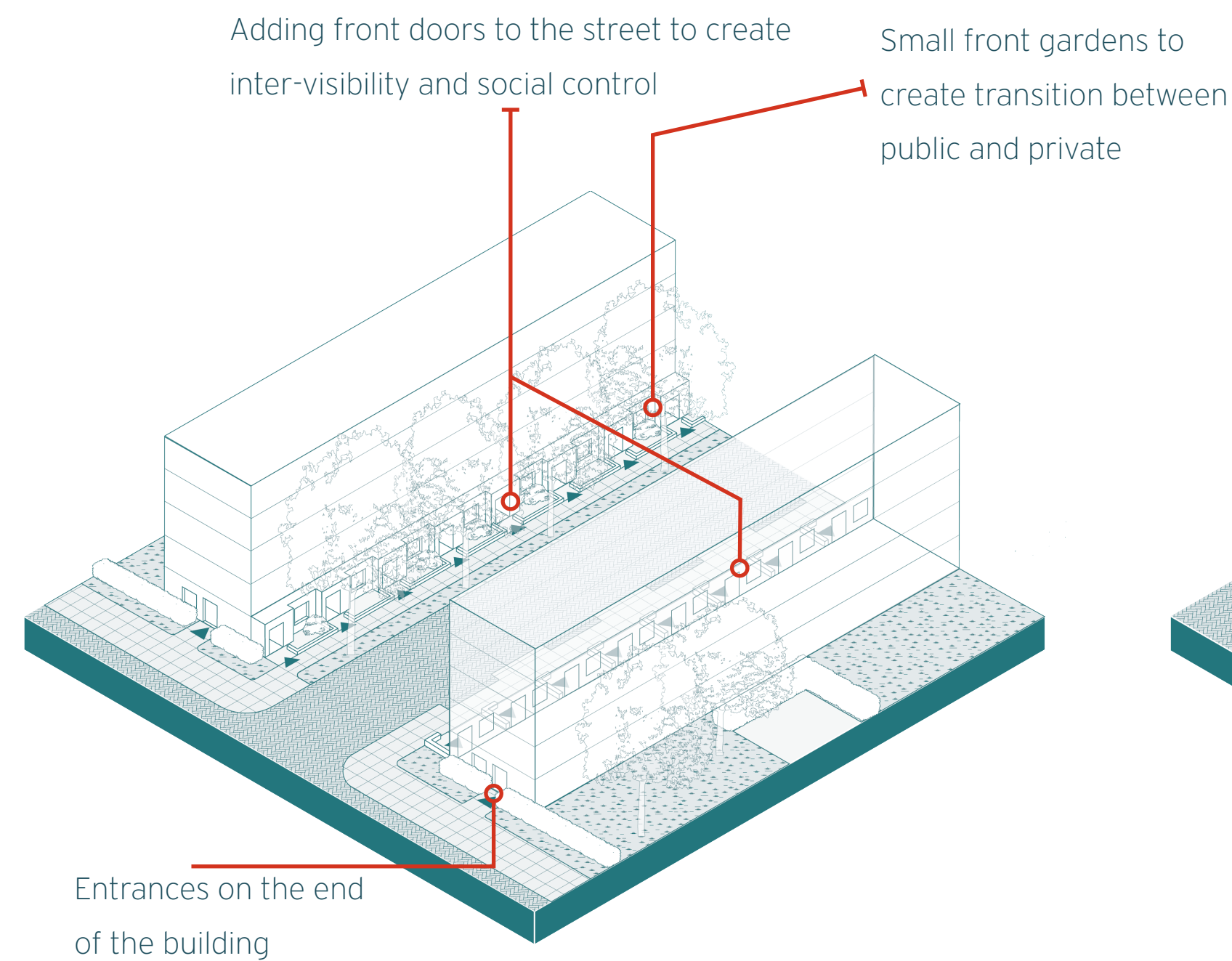
## PERCEIVED SAFETY



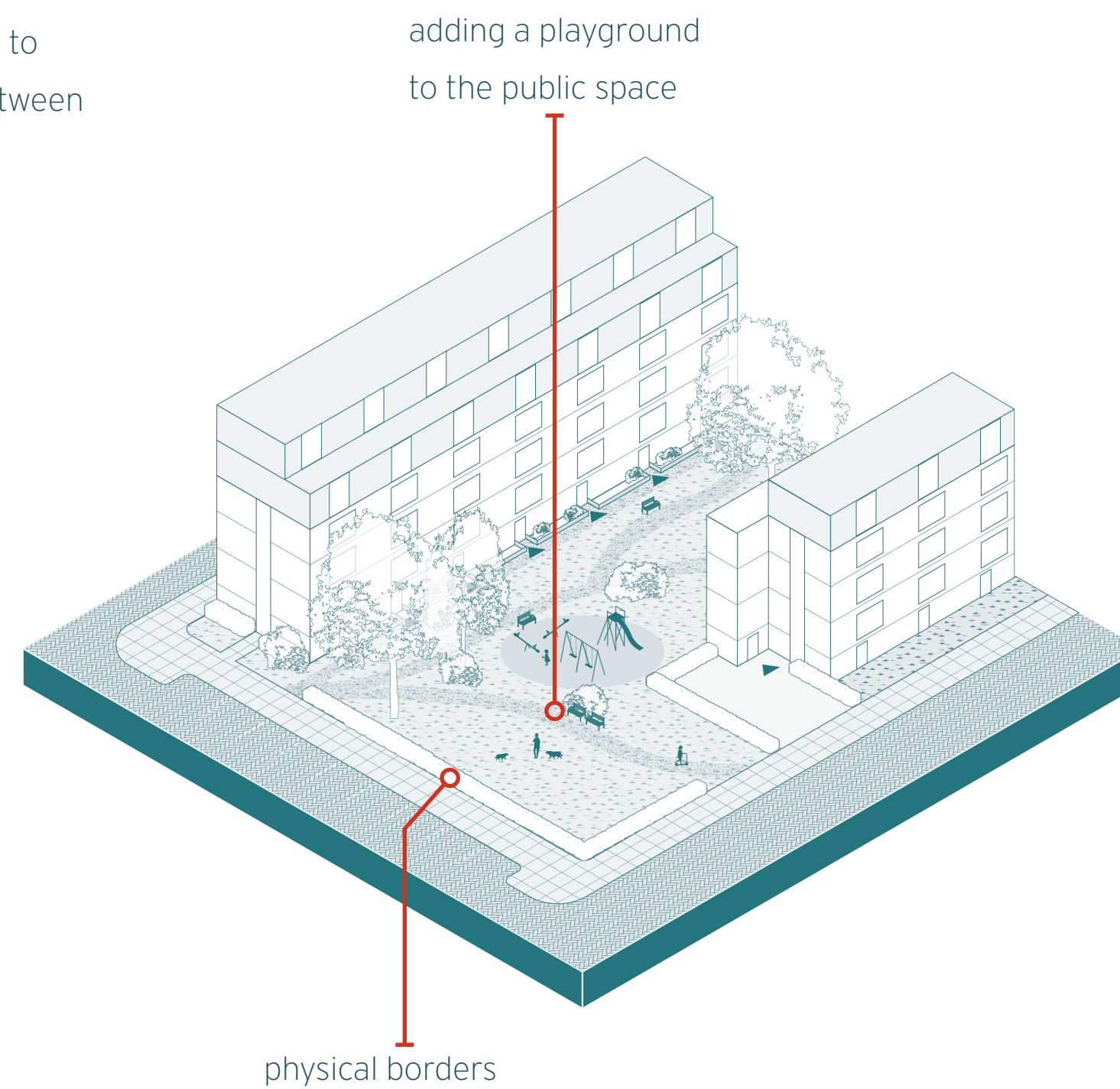


# THEORY

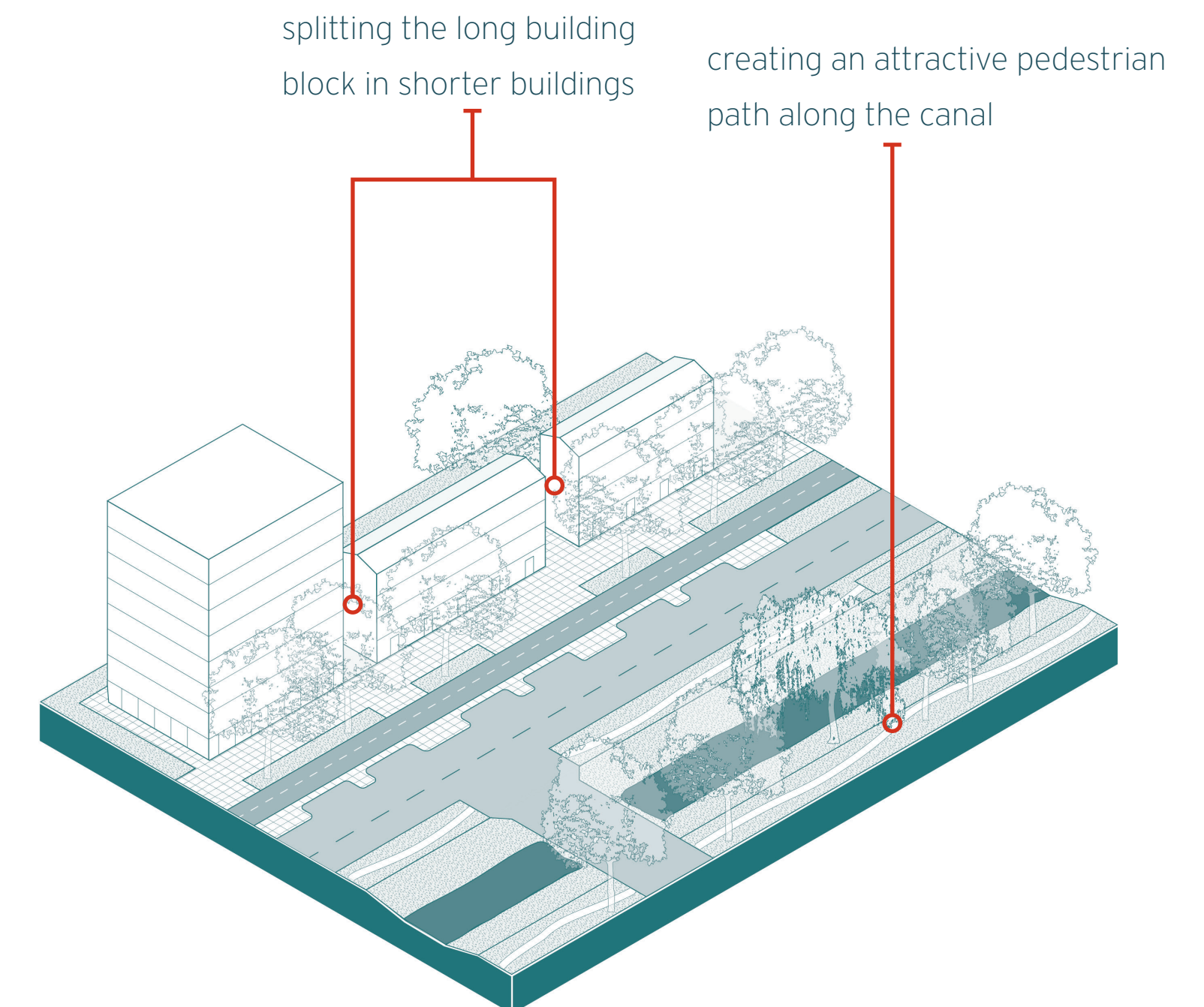
## 1) INCREASING SOCIAL CONTROL



## 2) DEFINING TERRITORIES



## 3) CREATING ALTERNATIVE ROUTES





## 1 / ADDING FRONT GARDENS

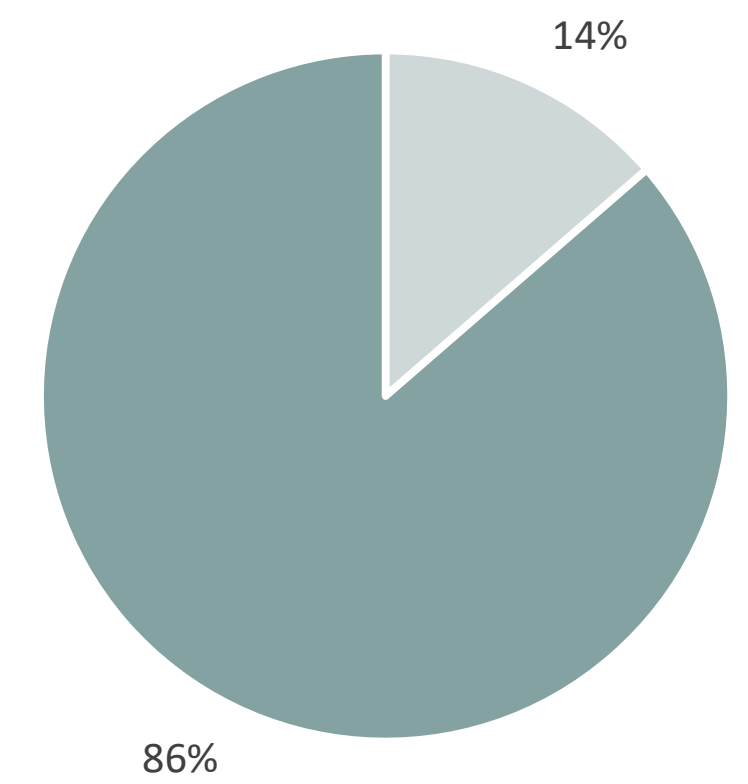
Current situation



Added front gardens



Preference results added front gardens





## 2 / ADDING FRONT DOORS

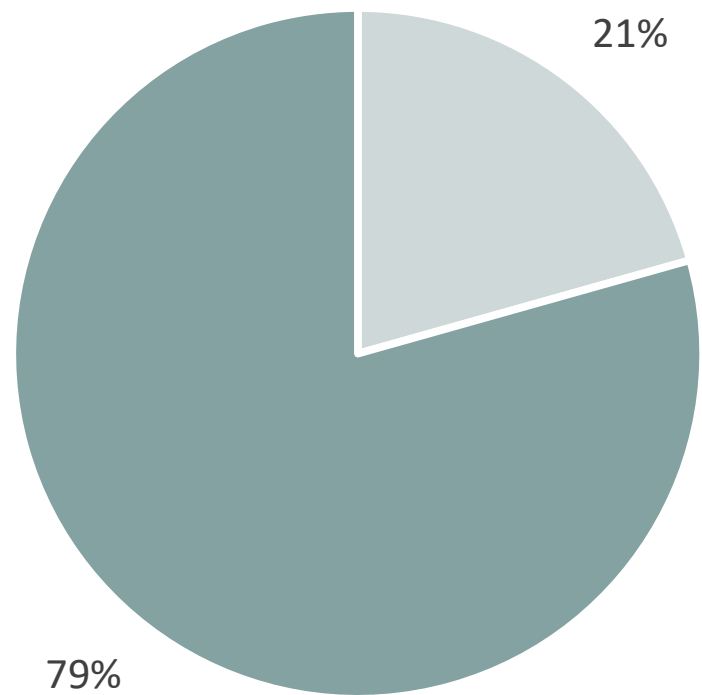
Current situation



Adding front doors



Preference results added front doors





### 3 / SPLIT A LONG BUILDING

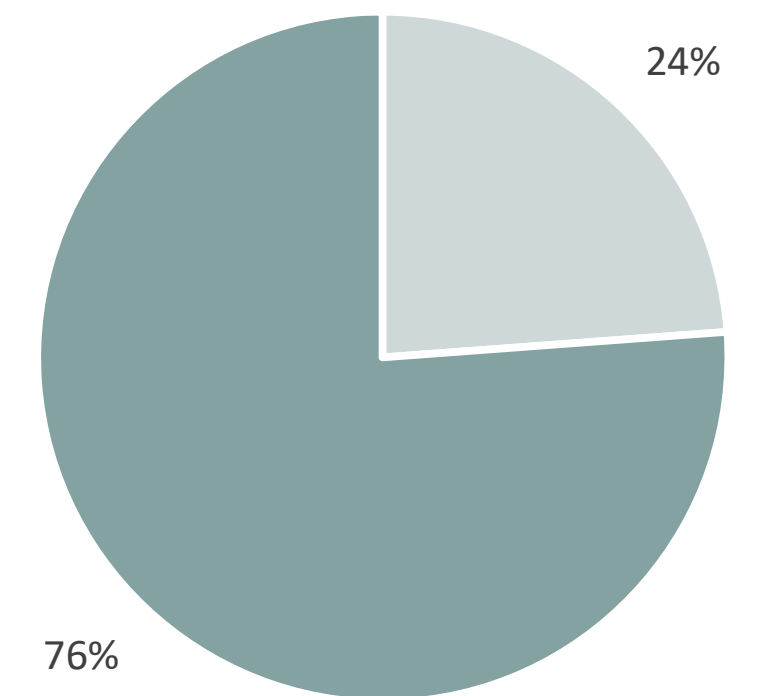
Current situation



Splitting long building



Preference results splitting long building





## 4 / ADD A PATH TO AN EMPTY PUBLIC SPACE

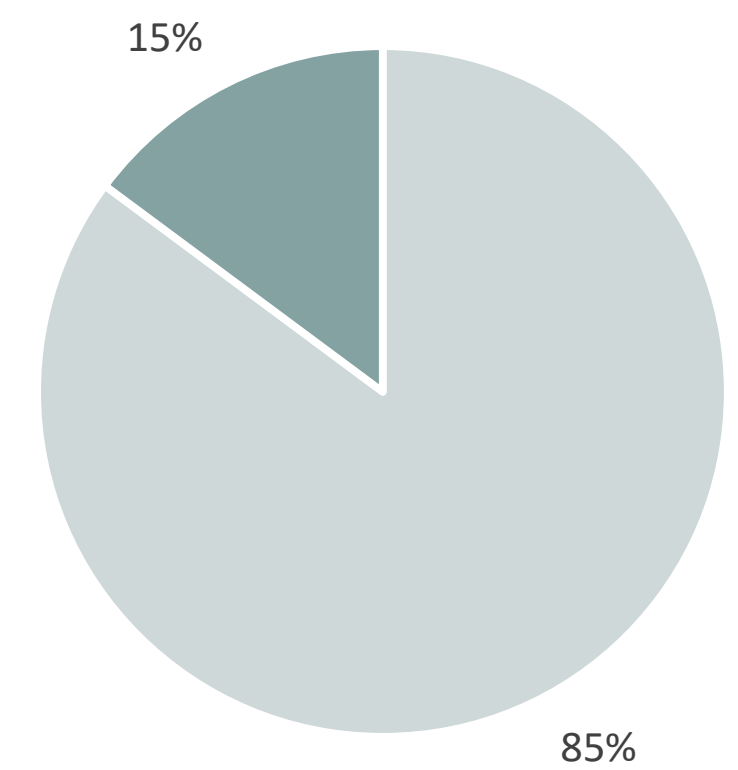
Continue walking on the sidewalk



Turn right on the park path



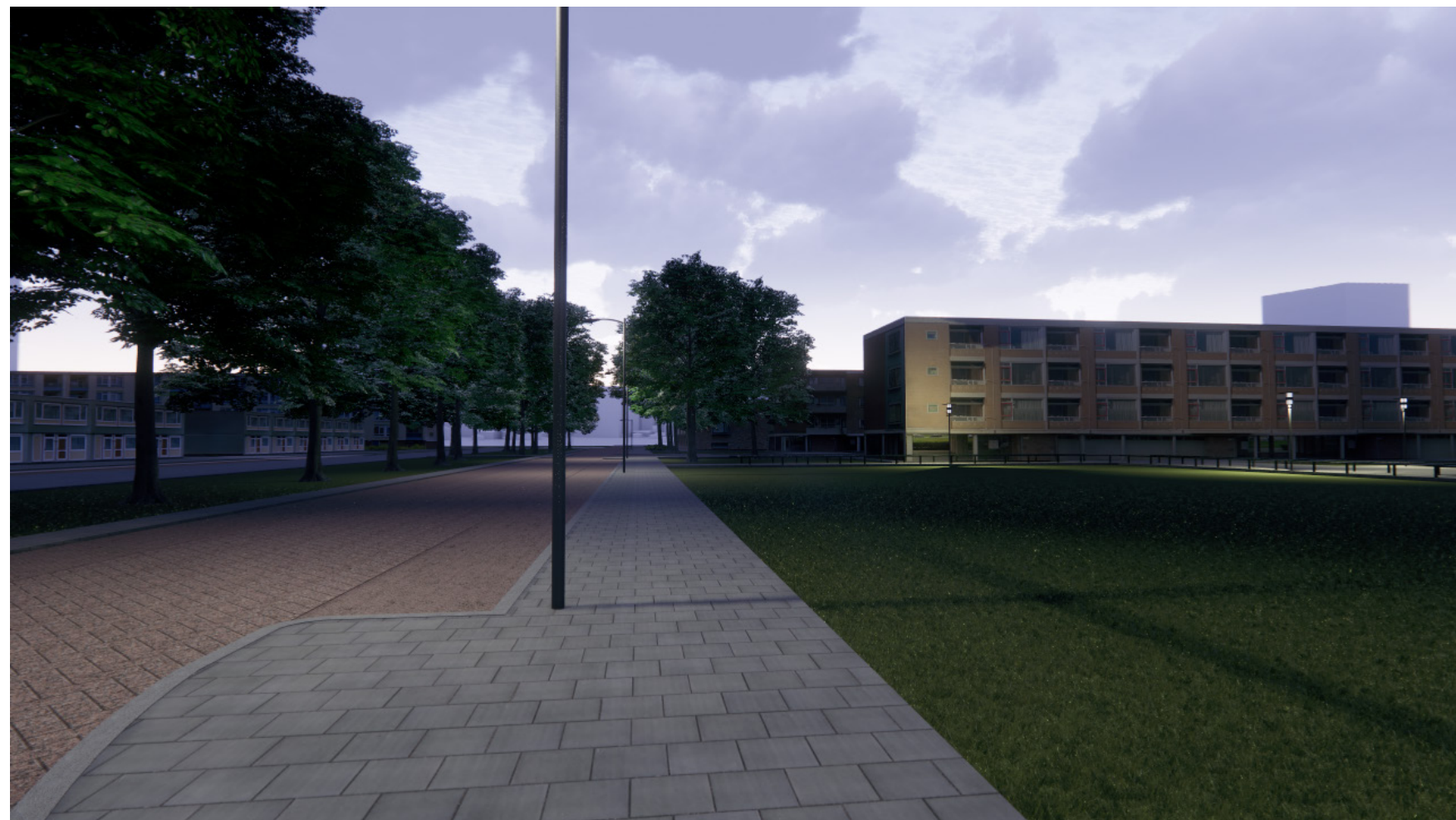
Preference results from adding a path to an empty public space





# 5 / ADDING PHYSICAL BORDERS

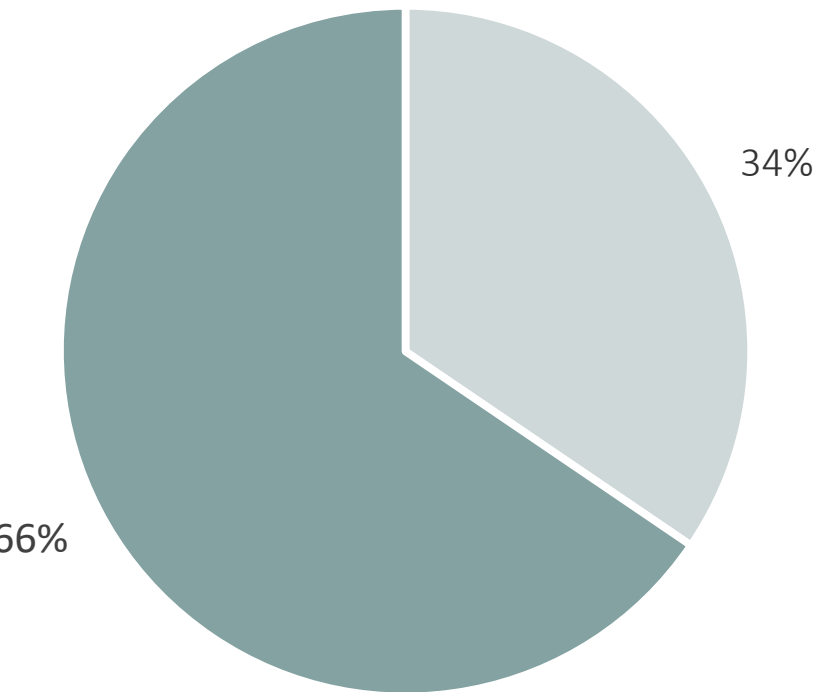
Current situation



Adding physical borders



Preference results from adding physical borders





# 6 / ADDING BUILDING FLOORS

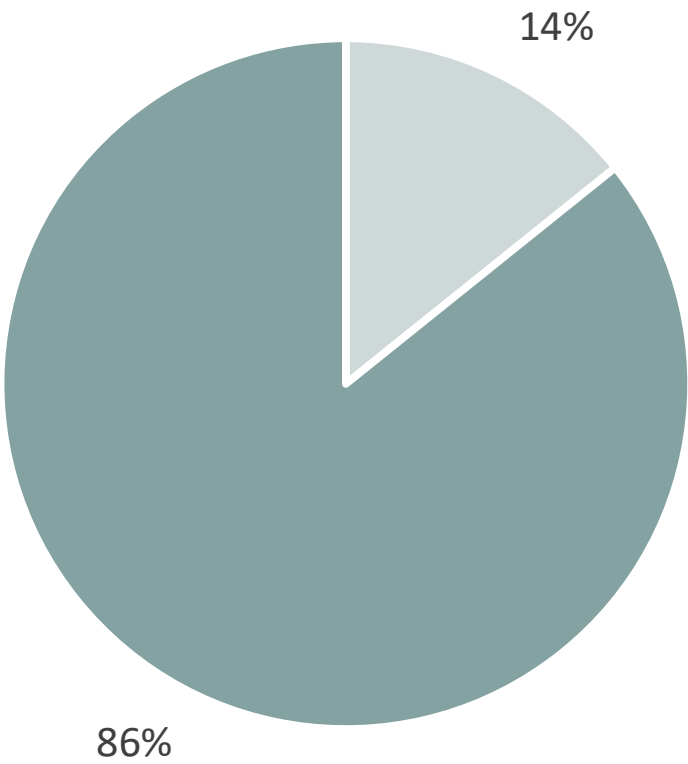
Current situation



Adding building floors

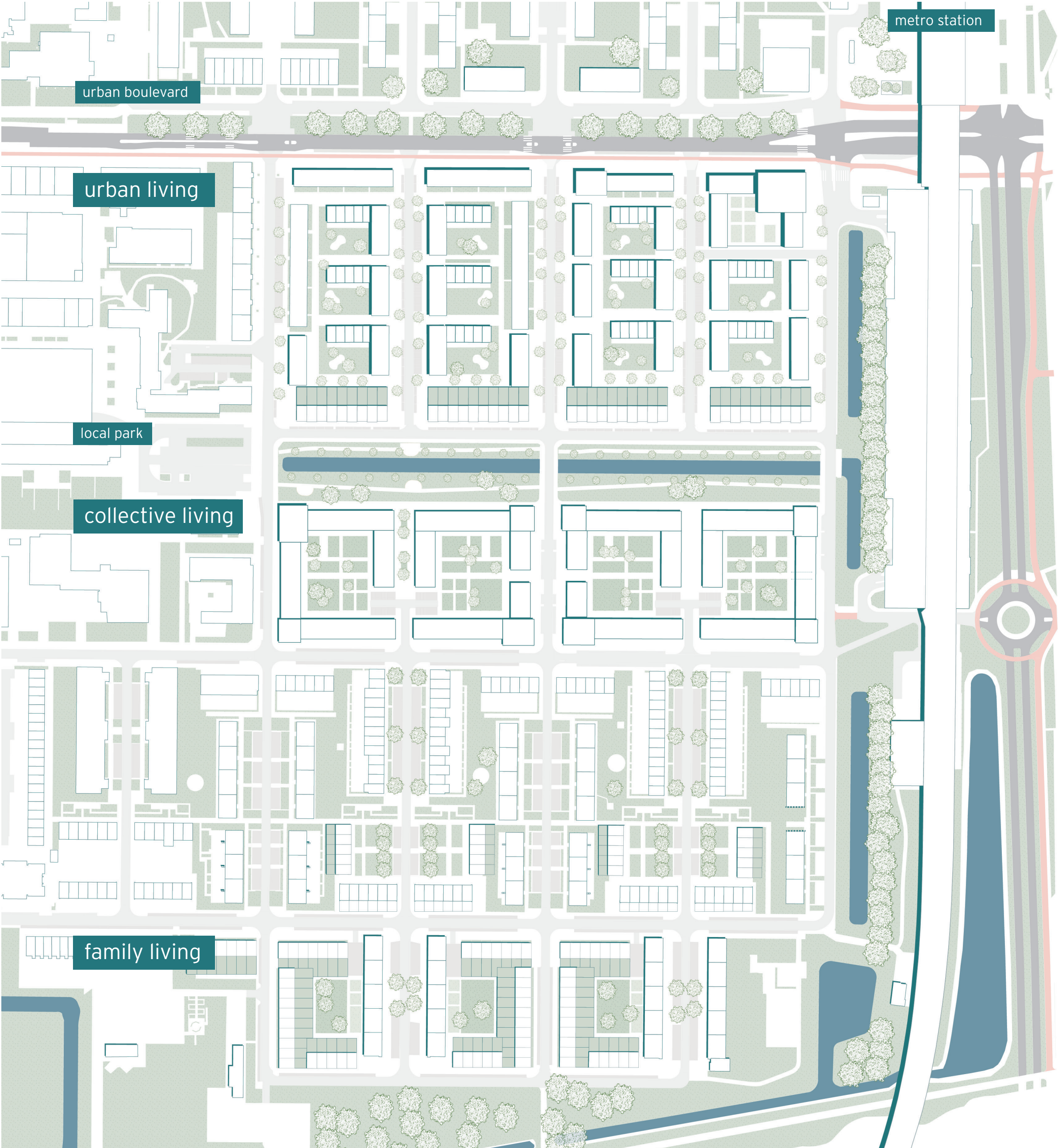


Preference results from adding building floors

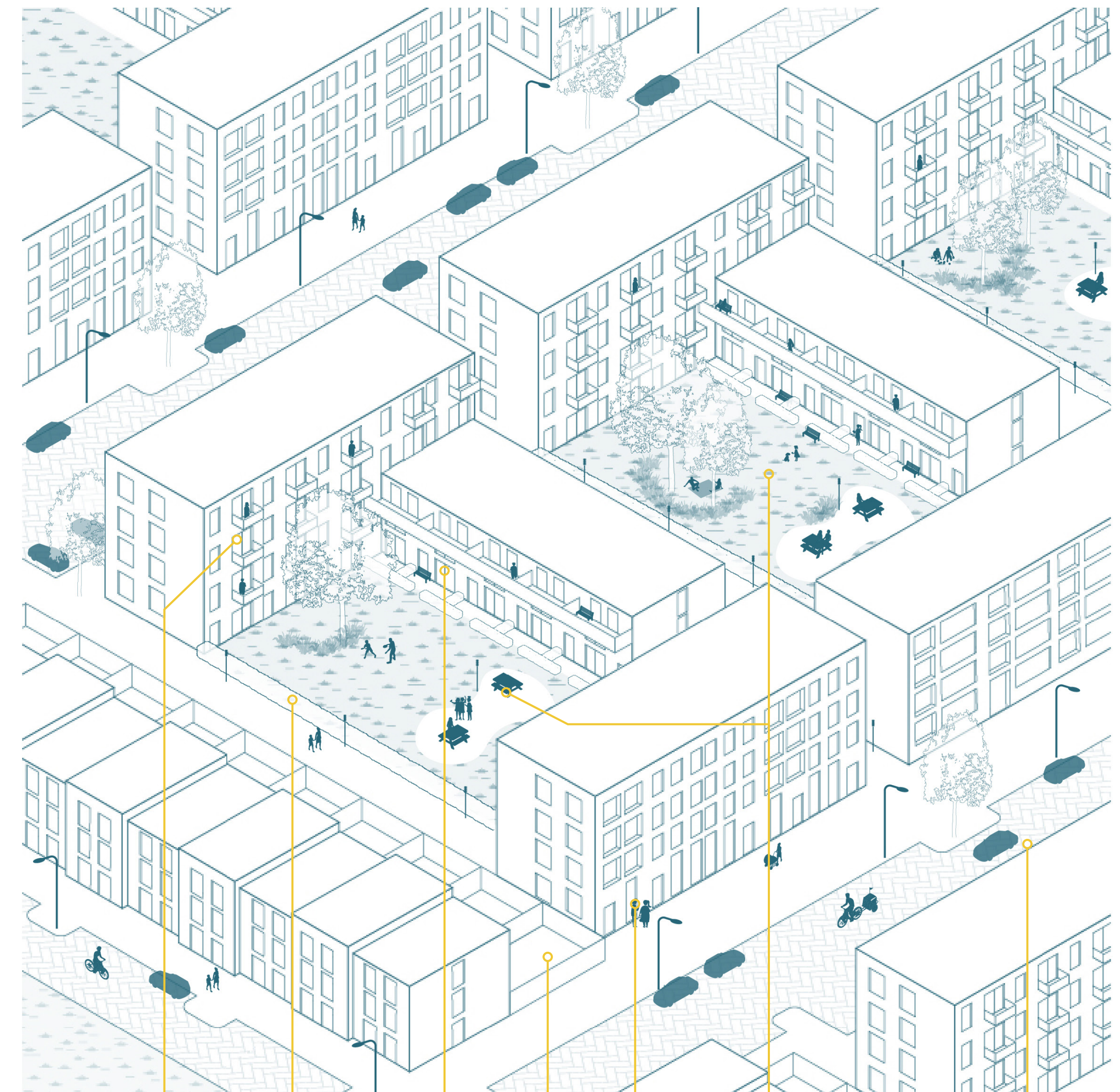




MASTERPLAN







Apartments overlooking the public street and the collective garden with balconies for informal supervision

Hedge defining the collective garden

Apartments adjacent to the collective garden for informal supervision

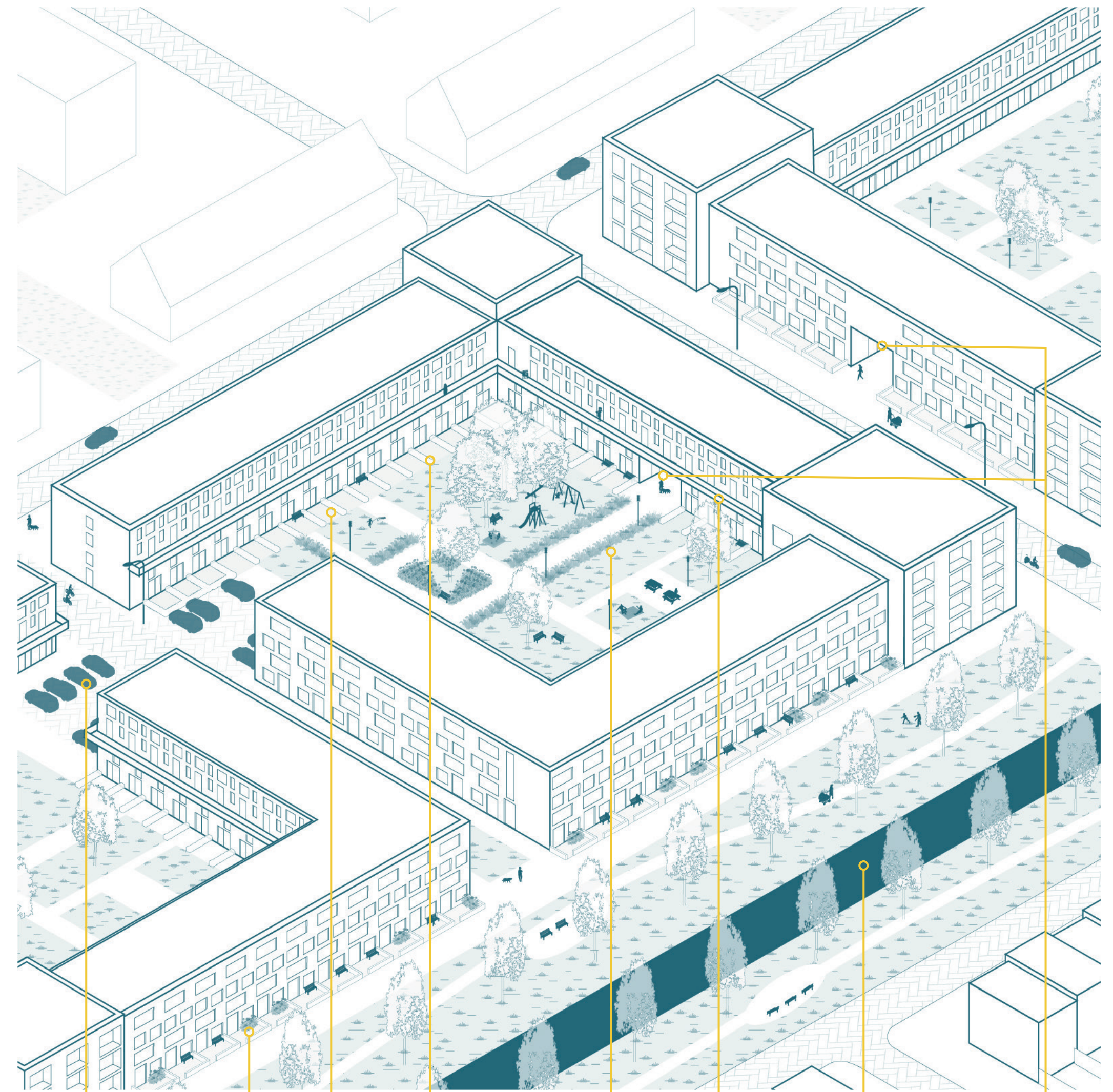
Fenced of backyards

Shared entrances on the public side of the building

**Collective garden**  
seating area  
flowerbeds and trees  
places to play

Public street





Parking area for the residents of the block

Front door and front garden that overlook the local park

Backyards which function as transition zones between private and collective sapce

Hedges separate the backyards of the maisonettes

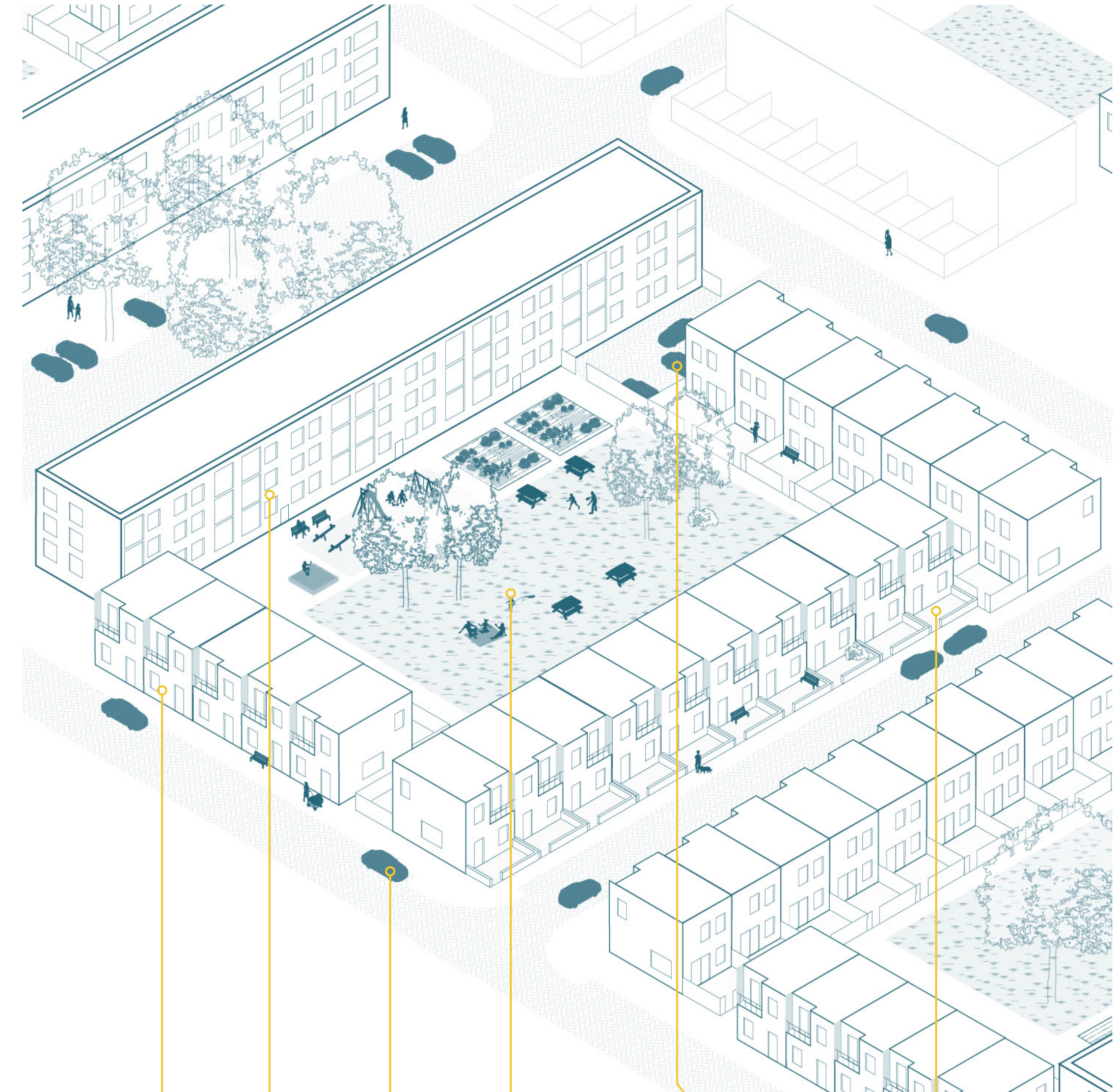
**Collective garden**  
seating area  
playground  
flower beds  
pedestrian paths

Gallery to enter the maisonettes on the second floor

Local public park for the neighborhood residents and visitors

Underpass with shared entrances to the upper maisonette homes





Single family houses

Parallel parking in front of the houses

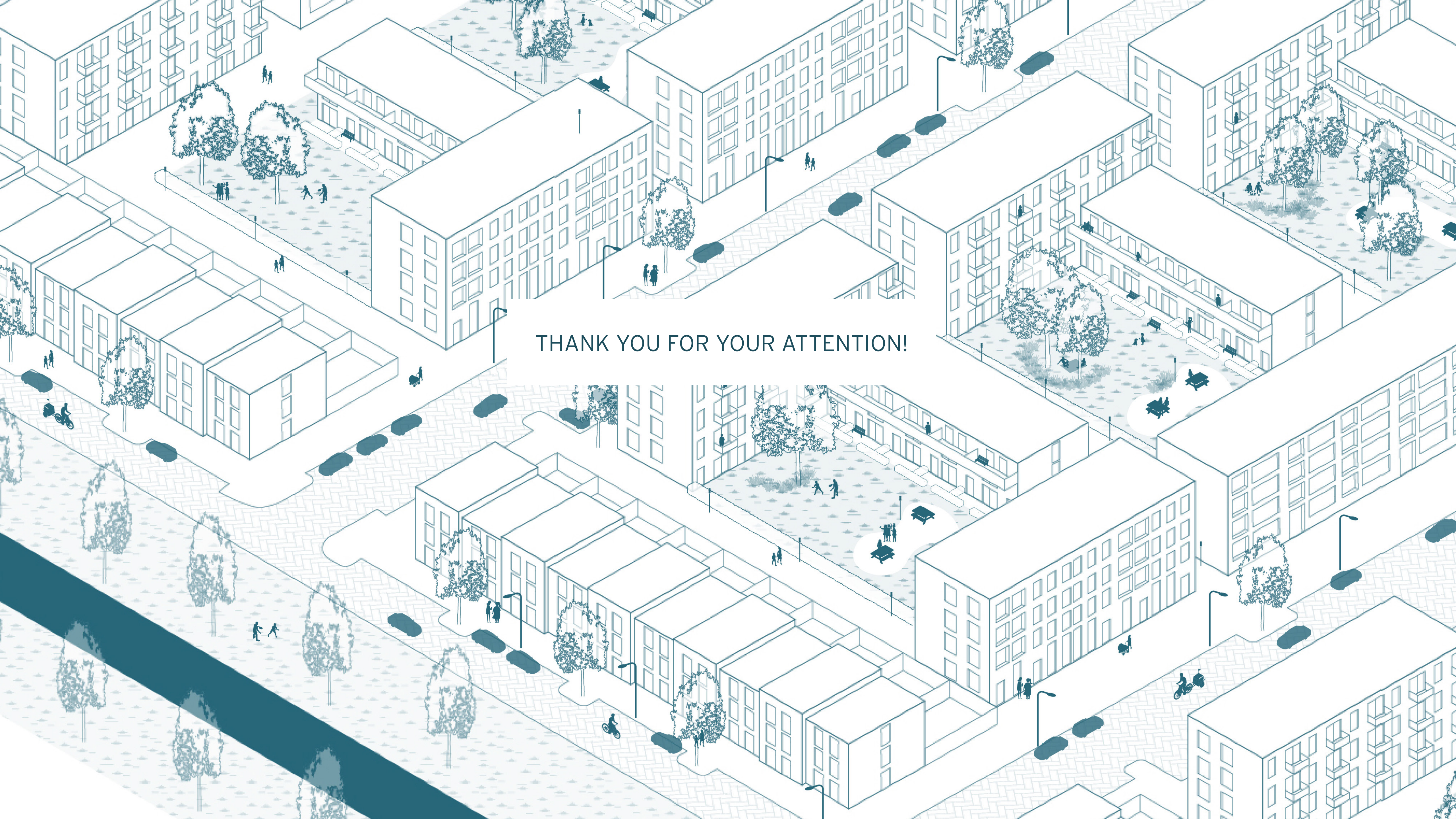
Existing apartment building with added doors to the collective garden

**Collective garden**  
Program of the garden will be determined by the residents

Parking area for the residents of the block

Front gardens to encourages encounters between neighbors





THANK YOU FOR YOUR ATTENTION!