LEFT ALONE

Spatial and programmatic interventions countering urban loneliness in Linkeroever



Timo van Oorschot
4831586

Urbanism
Graduation 2022/23 P5
Design of the Urban Fabrics
First mentor: Ir. Robbert Jan van der Veen
Second mentor: Prof. Dr. Ir. Machiel van Dorst

23-06-2023

CONTENT

INTRODUCTION

CONTENT

INTRODUCTION
THE CONTEXT OF URBAN LONELINESS

CONTENT

INTRODUCTION
THE CONTEXT OF URBAN LONELINESS
A LONELY CITY AND LONELY PEOPLE

CONTENT

INTRODUCTION
THE CONTEXT OF URBAN LONELINESS
A LONELY CITY AND LONELY PEOPLE
THEORY AGAINST URBAN LONELINESS

CONTENT

INTRODUCTION
THE CONTEXT OF URBAN LONELINESS
A LONELY CITY AND LONELY PEOPLE
THEORY AGAINST URBAN LONELINESS
DESIGN FOR LINKEROEVER: CHOOSE YOUR FUTURE

CONTENT

INTRODUCTION
THE CONTEXT OF URBAN LONELINESS
A LONELY CITY AND LONELY PEOPLE
THEORY AGAINST URBAN LONELINESS
DESIGN FOR LINKEROEVER: CHOOSE YOUR FUTURE
REFLECTION AND CONCLUSION

DO YOU FEEL LONELY SOMETIMES?

URGENCIES

- Loneliness is on the rise
- Covid-19 pandemic
- Silent epidemic
- Mental health issues
- Physical health issues
- 26% increase in premature death

(Cacioppo & Cacioppo, 2018; Couzy, 2017; Easton, 2018; MacDonald et al., 2020; Rakshit, 2023; Remmery, 2022)

Twee op de drie Belgen zijn matig tot erg eenzaam

MENTAAL WELZIJN

GENT

Silke Remmery

Twee op de drie Belgen voelen zich matig tot erg eenzaam, zo blijkt uit het Nationaal Geluksonderzoek van de UGent. Volgens psychologe Leslie Hodge is dat niet altijd problematisch, maar wel als het langdurig aansleept.

Uit de steekproef bij 1.602 deelnemers voor het Nationaal Geluksonderzoek van UGent-NN blijkt dat 32 procent van de Belgen erg eenzaam is, 36 procent matig eenzaam en slechts 32 procent niet eenzaam. Mensen die werkloos of langdurig ziek zijn, lopen het hoogste risico. Onder studenten voelt dan weer 47 procent zich matig eenzaam.

Dat laatste is niet onlogisch, zegt Leslie Hodge, psychologe en auteur van *Eenzaam tussen Mensen*. Zij weet dat het gevoel van eenzaamheid vaak gepaard gaat met grote veranderingen in het leven. "Niet alleen bij een scheiding of sterfgeval, ook bij positieve ervaringen die je leven veranderen en je een stuk moet loslaten. Zoals bevallen, verhuizen of gaan studeren: ze gaan op kot, hebben vaak hun eerste partner en twijfelen of hun opleiding wel de juiste is."

Verwachtingen niet ingelost

Maar wat is dat dan eigenlijk, die eenzaamheid? Het gaat niet alleen over geen sociaal netwerk hebben. Want zelfs wie omringd is door allerlei mensen, kan het voelen. "Eenzaamheid is eerder een pijnlijk, onaangenaam gevoel dat je krijgt als de relaties die je hebt niet zijn zoals je wenst. Het kan je overkomen in relaties met je vrienden, maar ook met je ouders of partner. Vaak wordt het nog gezien als iets dat je eigen schuld is, omdat je geen initiatief neemt tot sociaal contact. Maar dat is niet zo: het overkomt je."



De chronische eenzaamheid en de bijhorende stress verkorten onze levensverwachting. FOTO SHUTTERSTOCK

Het is bovendien niet per se problematisch, voegt Hodge eraan toe. "Eenzaamheid hoort bij het leven, en kan je zien als een signaal zoals honger: als je het voelt, is het de bedoeling dat je er iets mee doet. Om op zoek te gaan naar contact om de gevoelens te compenseren." Wél moeten alarmbellen afgaan als die eenzame gevoelens langdurig aanhouden. Volgens de psychologe stelden onderzoekers namelijk vast dat chronische eenzaamheid en de bijhorende stress onze levensverwachting verkort. "Het is vergelijkbaar met het roken van 15 sigaretten per dag, stellen wetenschappers. Omdat er een groter risico is op hart- en vaatziekten, hogere bloeddruk of slaapproblemen."

ARMY OF WALLFLOWERS

As the Shadow of the Pandemic Looms Over Cities, Urban Loneliness Is Rising

By Devrupa Rakshit

Jan 14, 2023

SHARE



How should we tackle the loneliness epidemic?

11 February 2018



GETTY IMAGES

By Mark Easton ›

Home editor

@BBCMarkEaston ›

Onderzoek Groei en vergrijzing in Amsterdam versterken het probleem

Eenzaamheid grijpt om zich heen

Amsterdam is een magneet voor kwetsbare mensen. Uit GGD-onderzoek blijkt dat tachtigduizend Amsterdammers zich ernstig eenzaam voelen.

Michiel Couzy
AMSTERDAM



Bijna de helft van de Amsterdammers voelt zich, in meer of mindere mate, alleen. De eenzaamheid zal alleen maar toenemen, doordat de stad groeit, vergrijst en veel alleenstaanden aantrekt: expats, migranten en studenten.

In totaal zijn 300.000 Amsterdammers eenzaam, dat is 48 procent van de volwassenen, blijkt uit onderzoek van de GGD Amsterdam, waarover de gemeenteraad zich morgen buigt. Tachtigduizend Amsterdammers, 13 procent, voelen zich zelfs ernstig eenzaam. "Die zijn er slecht aan toe," zegt hoogleraar Theo van Tilburg, verbonden aan de VU Amsterdam en gespecialiseerd in eenzaamheid.

Expats en studenten

Het is al met al een groot probleem, concludeert Van Tilburg, die Amsterdam bijstaat in de aanpak van eenzaamheid. Een groeiend probleem bovendien, want het aantal eenzamen en ernstig eenzamen is de afgelopen jaren toegenomen. In heel Nederland spelen de problemen voor 43 procent van de volwassenen.

Amsterdam trekt groepen aan die kwetsbaar zijn. Veel meer dan bijvoorbeeld Rotterdam, waar de eenzaamheid niet is gegroeid. "Amsterdam is een magneet voor mensen die hier in hun eentje naartoe komen," zegt Van Tilburg. Migranten bijvoorbeeld, die zich, ver van huis en haard, bovengemiddeld eenzaam voelen. Maar ook expats, voor wie het avontuur lonkt, maar die 's avonds wel vaak alleen op de bank zitten.

Ook veel studenten voelen zich verloren in de grote stad. Zo'n 40 procent van de Amsterdammers tussen de 19 en 34 jaar voelt zich matig of sterk eenzaam. En dan is er nog de vergrijzing, waardoor de stad veel ouderen herbergt, een groep die bovengemiddeld eenzaam is.

De komende jaren zal Amsterdam sterk groeien, door de bouw van 50.000 woningen. De anonimiteit en de eenzaamheid zullen hierdoor alleen maar toenemen, verwacht Theo van Tilburg.

Taboe doorbreken

Amsterdam werkt, op initiatief van PvdA-raadslid Maarten Poorter, aan een stedelijke aanpak van eenzaamheid. Na maanden van voorbereidingen zullen op 1 juli de eerste concrete maatregelen ingaan. Die gaan vooral over signaleren en herkennen van eenzaamheid en het doorbreken van het taboe hierop. Hiervoor is 1 miljoen euro per jaar vrijgemaakt.

Maar dat is niet voldoende, vindt Poorter. "We moeten meer doen om eenzaamheid te voorkomen," zegt hij. "Met 1 miljoen euro gaan we het niet redden."

PvdA en GroenLinks dienen morgen een motie in waarin de partijen pleiten om jaarlijks 5 miljoen voor het plan uit te trekken.

Hoogleraar Van Tilburg vindt het terecht dat de gemeente ten strijde trekt tegen de eenzaamheid. Volgens hem is er veel winst te behalen. "Er valt iets tegen te doen, al is het wel lastig te bepalen wat precies. Als dat lukt, is het goed voor Amsterdammers en voor de stad."

80.000

Het aantal ernstig eenzamen is de afgelopen jaren toegenomen. Voor 80.000 Amsterdammers zijn de problemen ernstig.

RA

THIS RESEARCH AIMS TO COMBAT URBAN LONELINESS BY BRIDGING THE GAP BETWEEN THE EXISTING THEORIES ABOUT LONELINESS AND APPLICATIONS OF THESE IN THE BUILT ENVIRONMENT

RQ

HOW TO IMPROVE SPATIAL AND PROGRAMMATIC CONDITIONS IN LINKEROEVER THAT STIMULATE SOCIAL COHESION AND COLLECTIVE DEVELOPMENT, COUNTERING URBAN LONELINESS?

RQ

HOW TO IMPROVE SPATIAL AND PROGRAMMATIC CONDITIONS IN LINKEROEVER THAT STIMULATE SOCIAL COHESION AND COLLECTIVE DEVELOPMENT, COUNTERING URBAN LONELINESS?

SQ1 What is the context shaping urban loneliness Linkeroever?

- What is urban loneliness?
- What are the problems in Linkeroever?
- What are the opportunities in Linkeroever?
- What future of Linkeroever to design for?

SQ2 How to design against urban loneliness?

- How to design for social cohesion and social interaction?
- How to stimulate collective and personal development through spatial design and program?
- How to bring back the legible human scale?
- How to establish a framework for design?

SQ3 How to redesign Linkeroever?

- How to create an integral design for Linkeroever trough all scales?
- How to strategically implement the design over time?
- What will the new life of the people in Linkeroever be?
- What design principles can be extracted?

SQ4 To what extent do spatial and programmatic conditions affect urban loneliness?

- What is the impact of the design on urban loneliness in Linkeroever?
- What is the impact of spatial and programmatic interventions on urban loneliness?
- What measures outside the scope of the urbanist are essential to counter urban loneliness?

THE CONTEXT OF URBAN LONELINESS

DEFINING URBAN LONELINESS

- Social relationships do not match their social expectations
- Negative feeling
- Loneliness caused, facilitated, or strengthened by the urban fabric

Percentage of inhabitants with social contacts at least once a week in Flanders in 2022

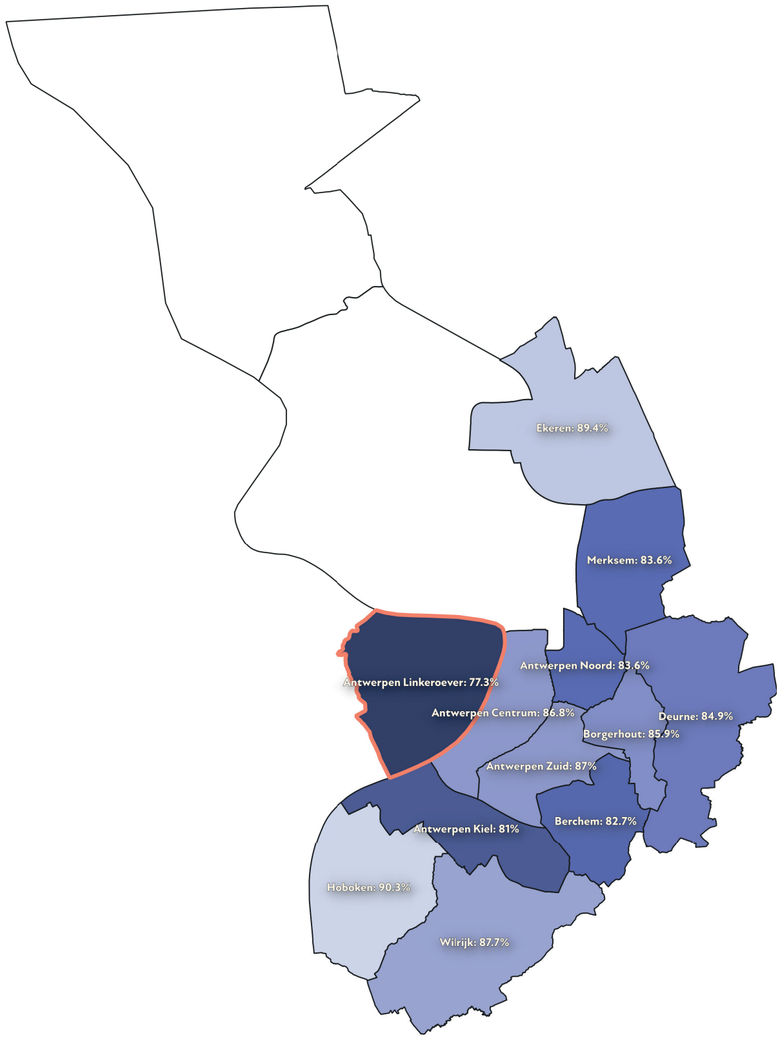
	Met familie	Met vrienden of kennissen	Met buren
Grootsteden	41	32	50
Centrumsteden	43	40	49
Stedelijke rand	44	38	53
Kleinere steden	49	41	54
Overgangsgebied	50	37	52
Platteland	54	39	59



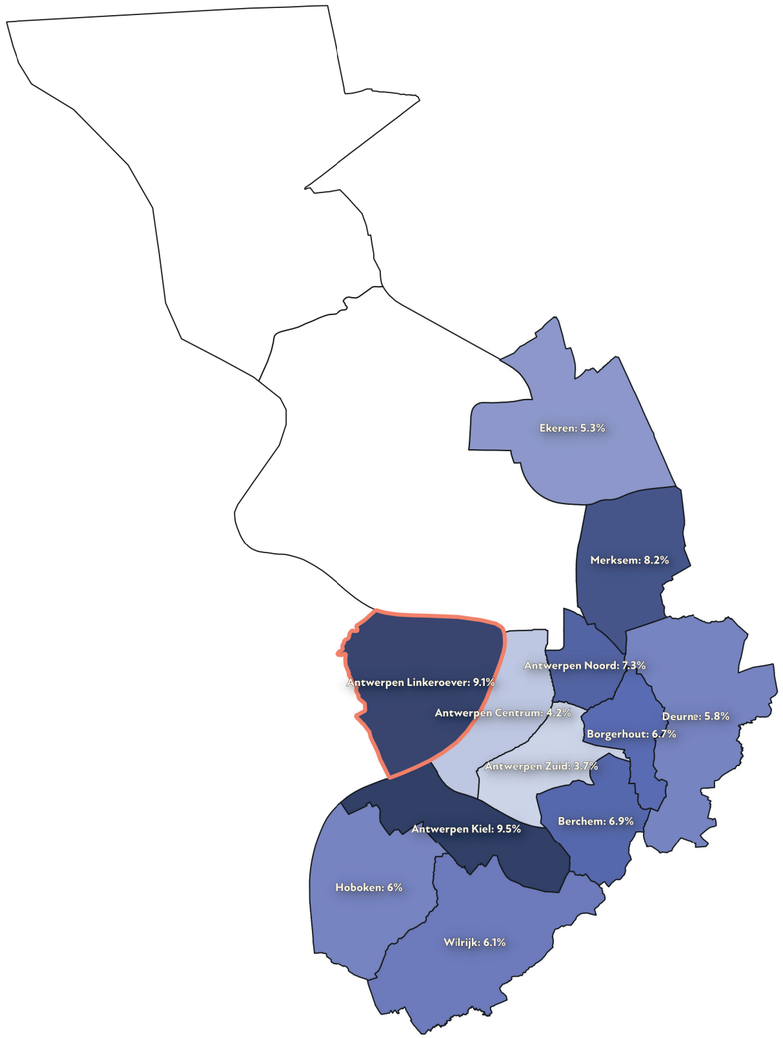
(MacDonald et al. 2020; van Tilburg, 2021; Vlaanderen.be, 2022)

URBAN LONELINESS IN LINKEROEVER

- 10% - 20% fewer social contacts in cities
- Linkeroever is the loneliest district of Antwerp



Percentage of people with multiple social contacts a week (2019)



Percentage of people with less than one social contact a week (2019)

(stadincijfers.antwerpen.be, 2019; Vlaanderen.be, 2022)


Monotony
Identity
No human scale
Open space
Loneliness
Recreation
Linkeroever Antwerp
Segregated
Post-war modernism

SINGS OF LONELINESS

Own observations

- Useless green
- Anonymous without appropriation



SINGS OF LONELINESS

Own observations

- Useless green
- Anonymous without appropriation
- Machine like
- Large distances



SINGS OF LONELINESS

Own observations

- Useless green
- Anonymous without appropriation
- Machine like
- Large distances

Resident input

- Mobility issues
- To much concrete and asphalt



SINGS OF LONELINESS

Own observations

- Useless green
- Anonymous without appropriation
- Machine like
- Large distances

Resident input

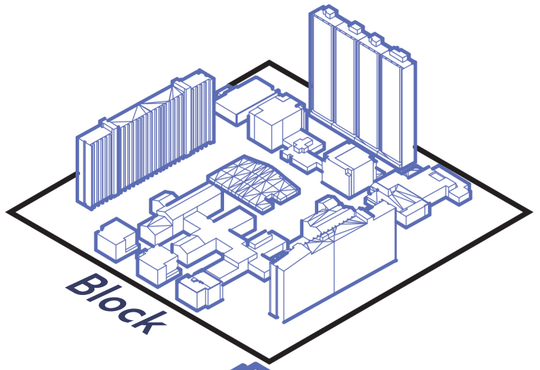
- Mobility issues
- To much concrete and asphalt
- Low quality dwellings
- Unfamiliar with neighbours



PROBLEM SCALES



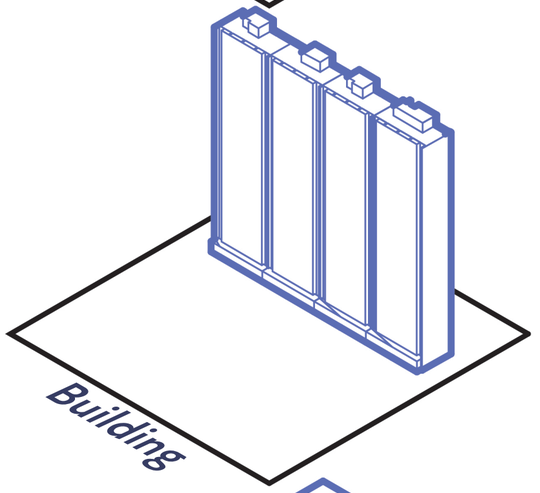
- Lack of belonging
- No synergies between shores
- Need for densification



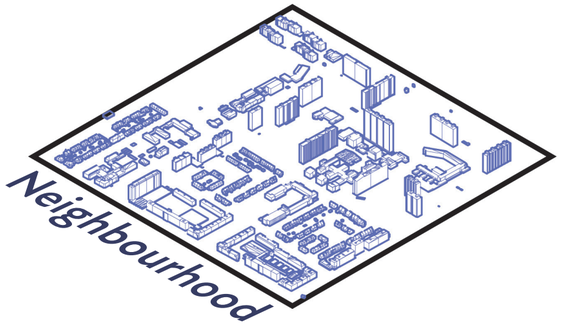
- Lack of social cohesion
- Monotonous typologies
- Unreadable privacy script



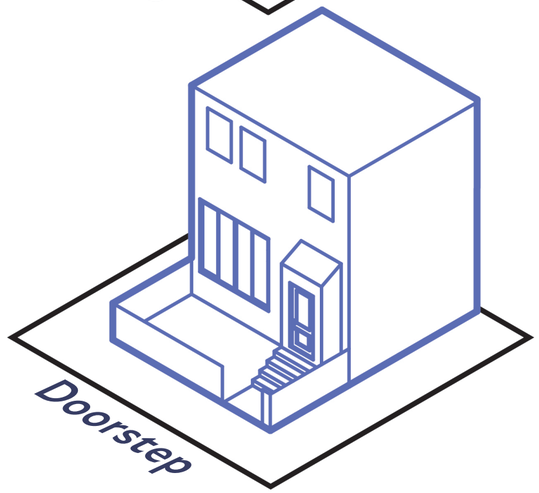
- Lack of human scale
- Too much open space
- Monotony



- Lack of hybrid zones
- Gray materials
- Anonymous typologies



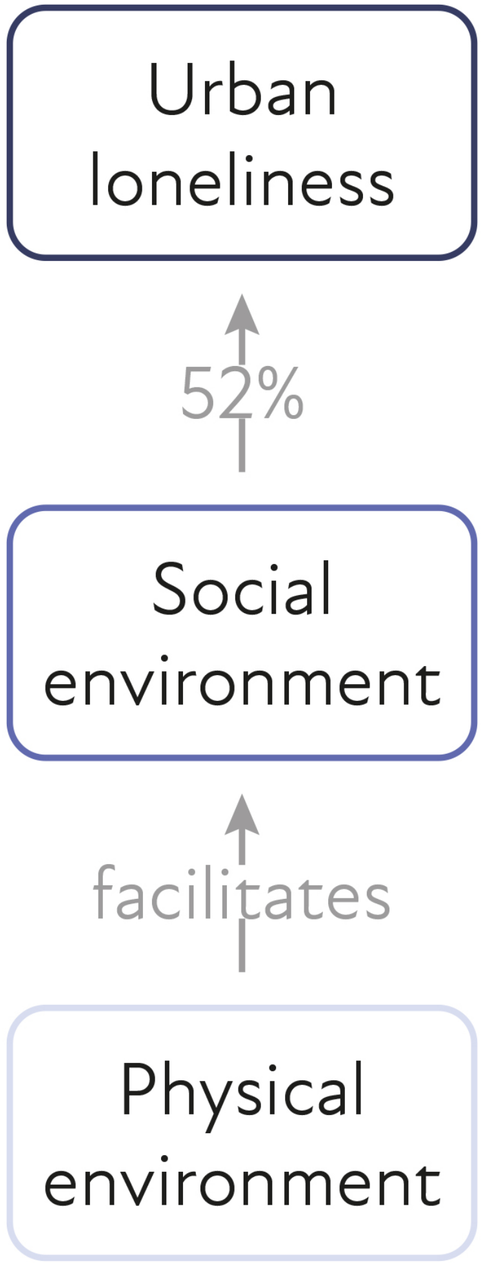
- Lack of neighbourhood amenities
- Walkability
- Public space



- Lack of appropriation
- No visual interaction
- Blind plinth

URBAN LONELINESS AND THE PHYSICAL ENVIRONMENT

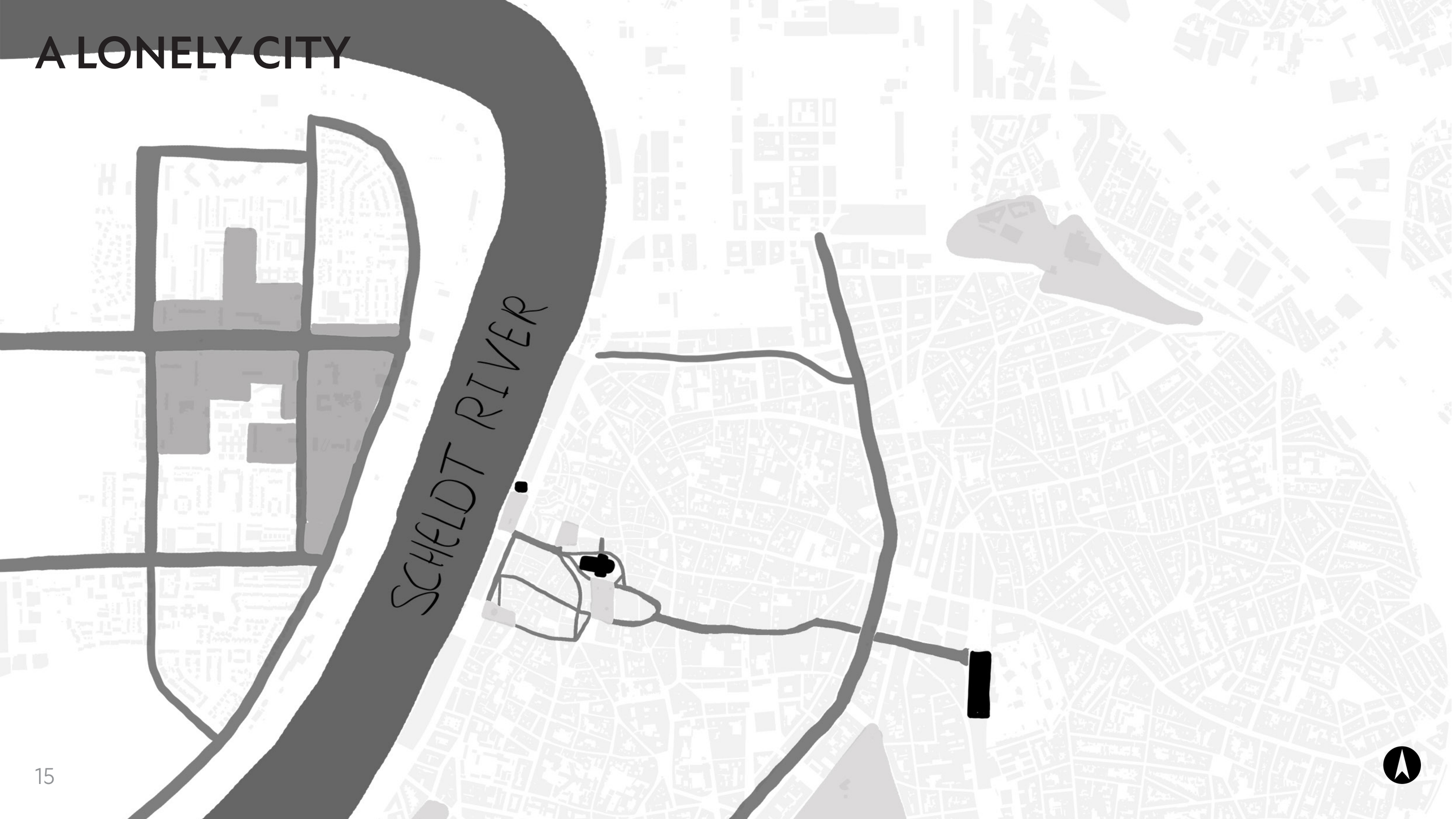
- Genetics and social skills 48%
- The environment 52%
- Social and physical environment



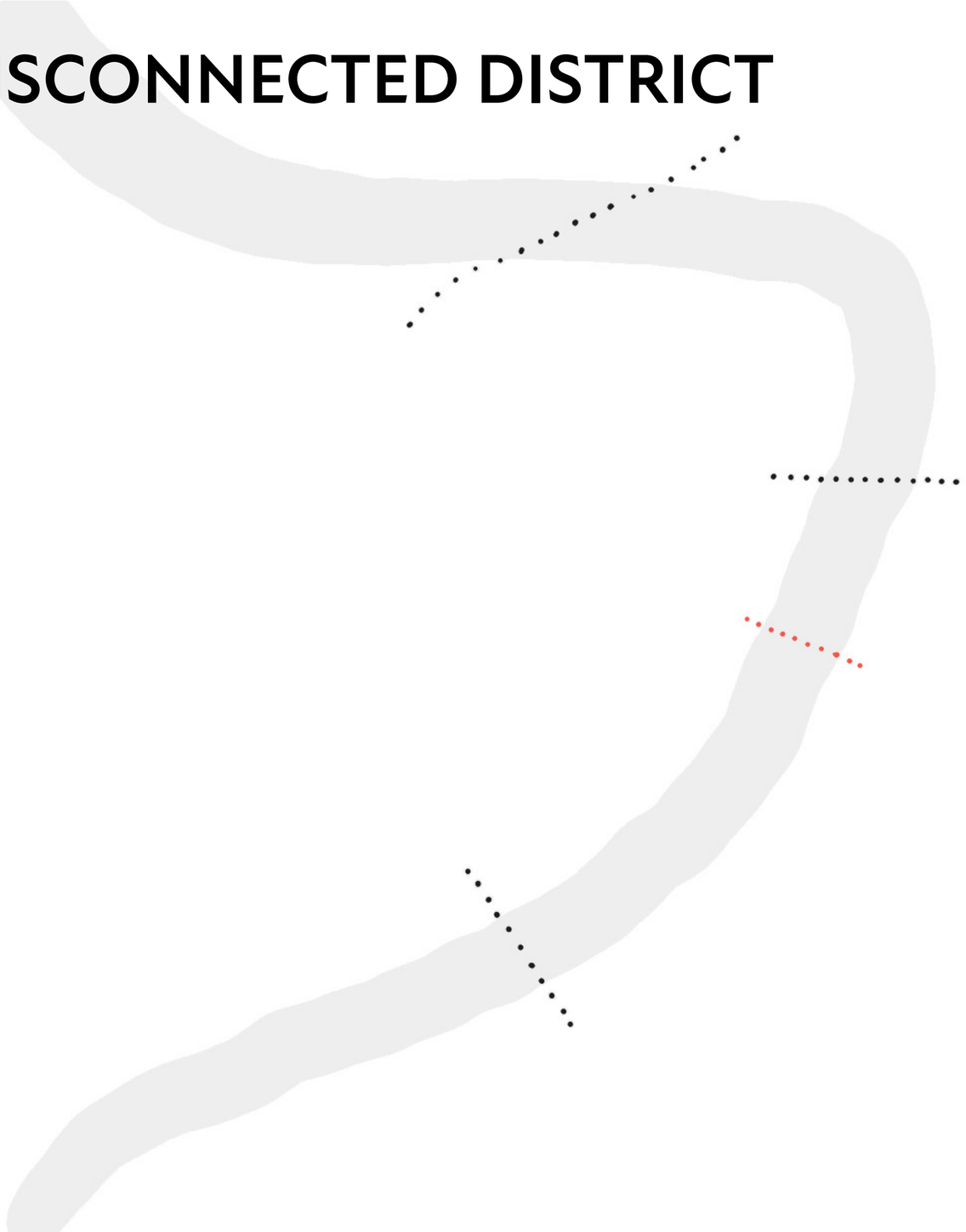
 (Cacioppo, 2008)

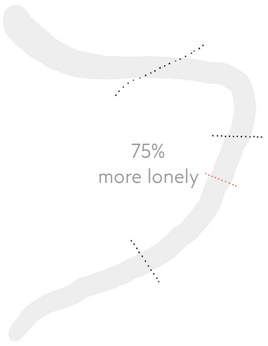
A LONELY CITY AND LONELY PEOPLE

A LONELY CITY

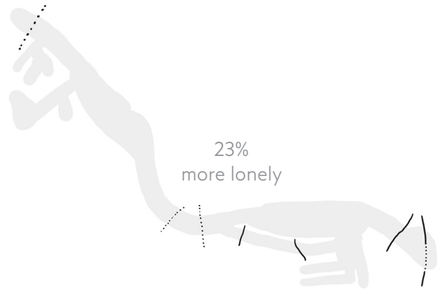


DISCONNECTED DISTRICT

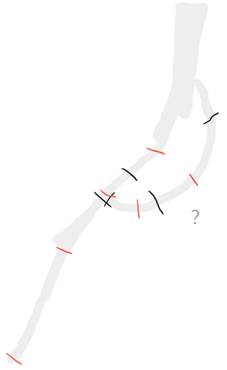




Antwerp



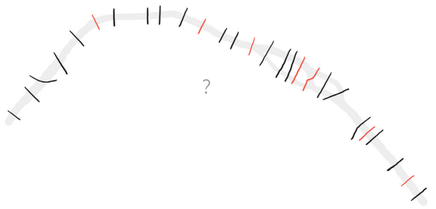
Amsterdam



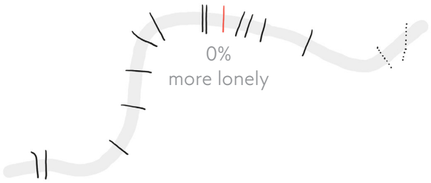
Copenhagen



Rotterdam

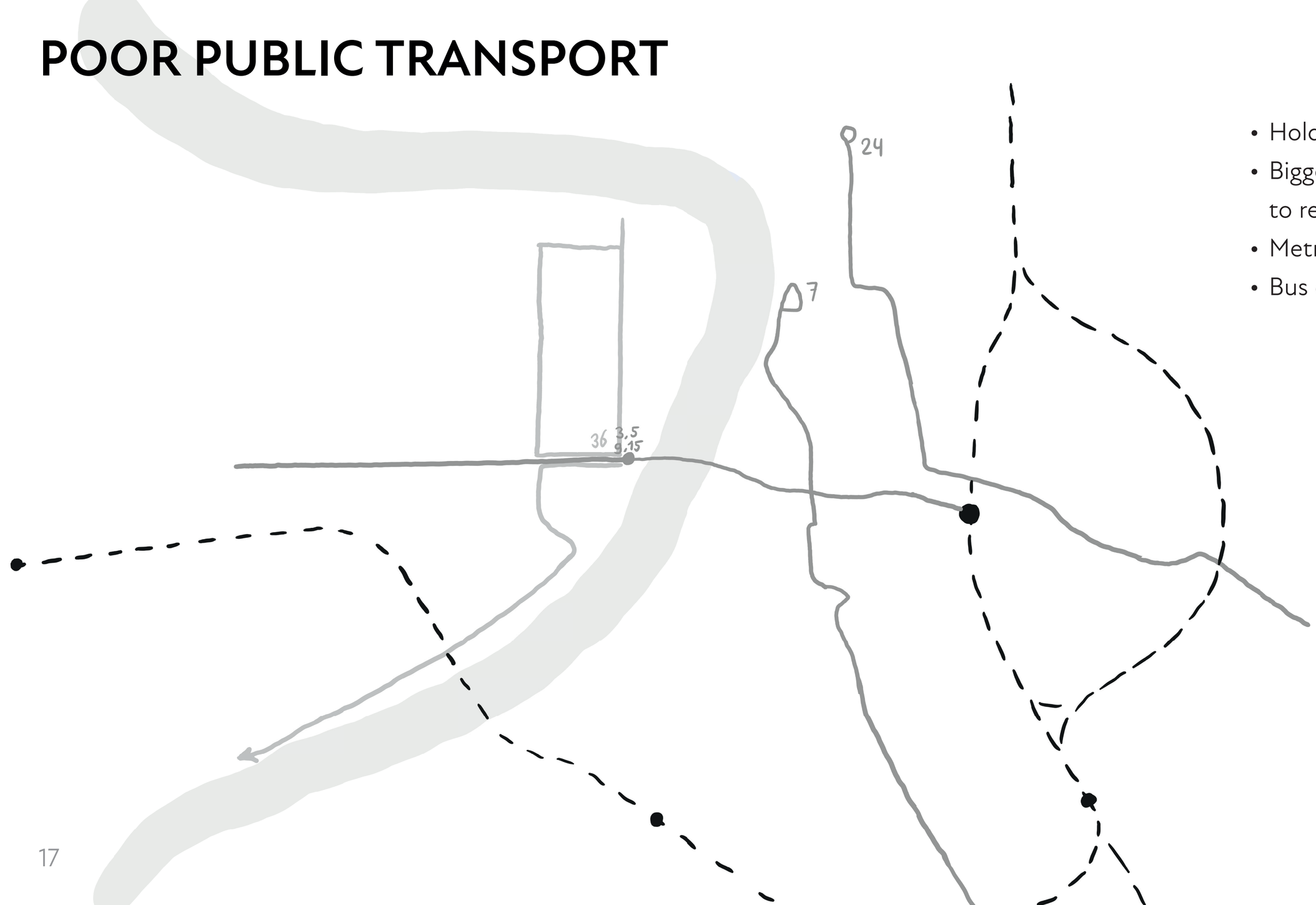


Paris



London

POOR PUBLIC TRANSPORT



- Holds back development
- Biggest problem according to residents
- Metro in the south
- Bus does not connect

AMENITIES

- Linkeroever has few development spaces
- Second spaces
- Third spaces
- Low quantity and quality

10
comunity

15
educational

10
sport clubs

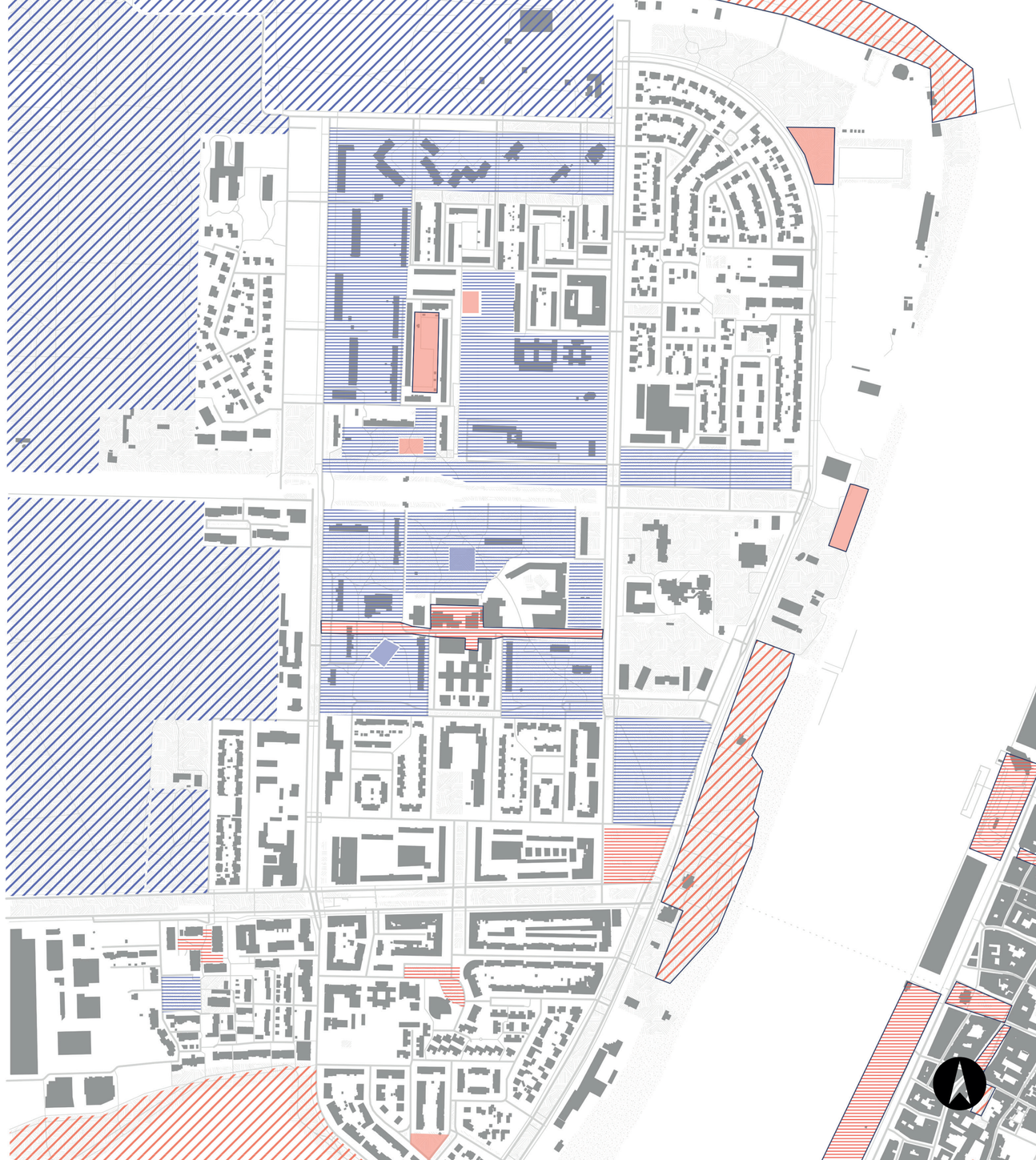
50
amenities



(Goosen & Cilliers, 2020; Mehta & Bosson, 2010)

PUBLIC SPACE

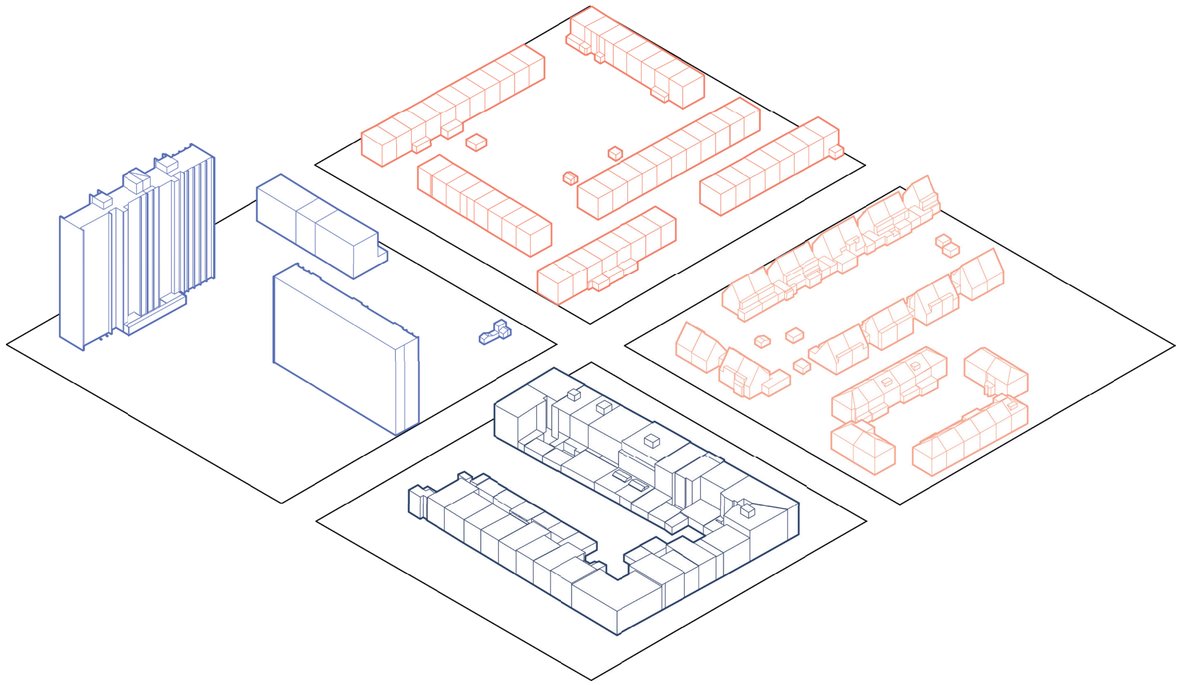
- Public space
- Place attachment
- Connected to place and people
- Linkeroever not diverse and inviting



 (Forrest & Kearns, 2001; Peters et al., 2010)

MONOTONOUS TYPOLOGIES

- Private domain affects social cohesion
- Monotonous and anonymous
- Large communities
- Lack urban density



 (Dunbar & Sosis, 2018; van Dorst, 2005)

LARGE DIMENSIONS



LARGE DIMENSIONS



MATERIALS

Current materials



23 (Kaya and Heln, 2004; Wang et al., 2016)

MATERIALS

Current materials

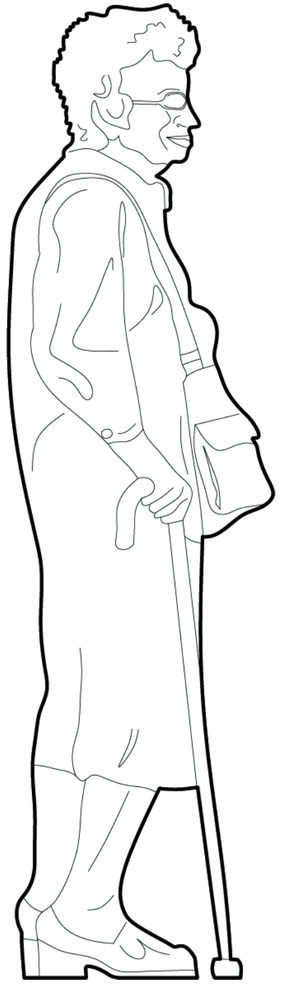


Improved materials



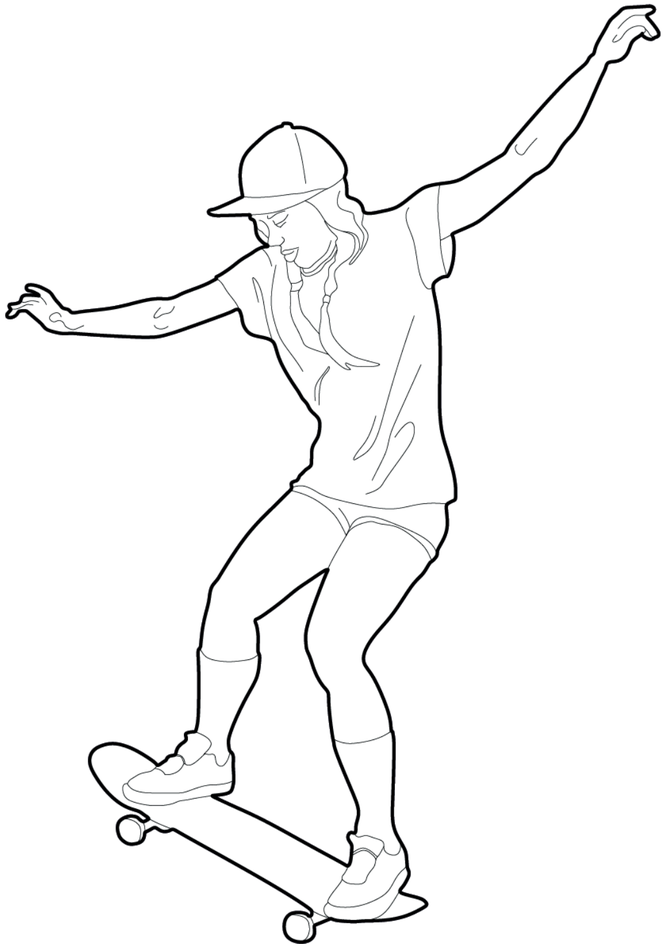
23 (Kaya and Heln, 2004; Wang et al., 2016)

LONELY PEOPLE



NEELA

social loneliness



ENOLA

emotional loneliness



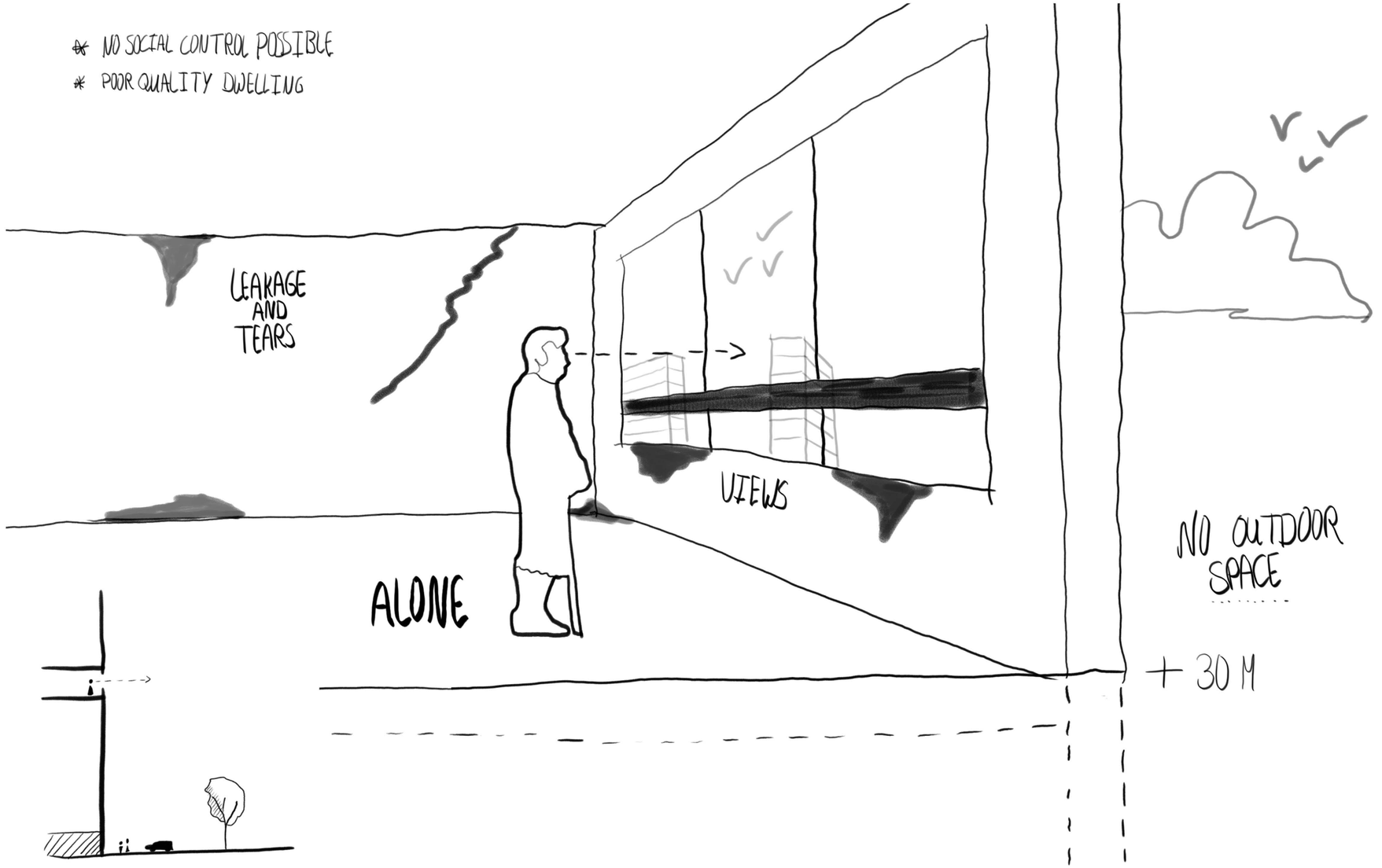
MR. MAAZNEE

existential loneliness

NEELA'S LIFE

- High-rise living
- No social contact

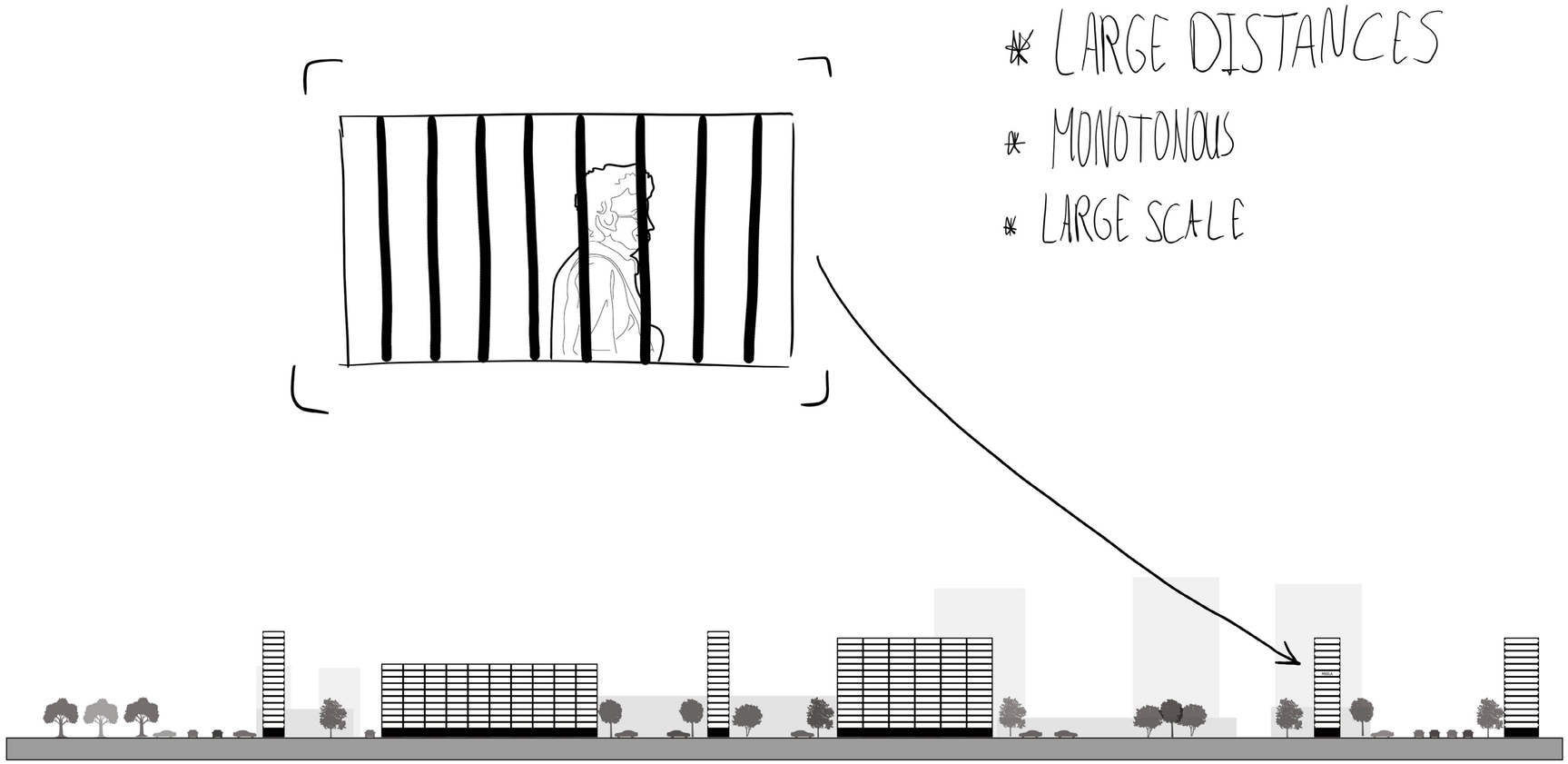
Neela wakes up in her social dwelling at the tenth story. The view is breathtaking but she can not see what happens at the ground floor.



NEELA'S LIFE

- High-rise living
- No social contact

Her dwelling feels like a prison cell in the sky.



NEELA’S LIFE

- High-rise living
- No social contact
- Car dependent
- Lack of public transport

When she steps outside, she is confronted by a sea of asphalt and cars



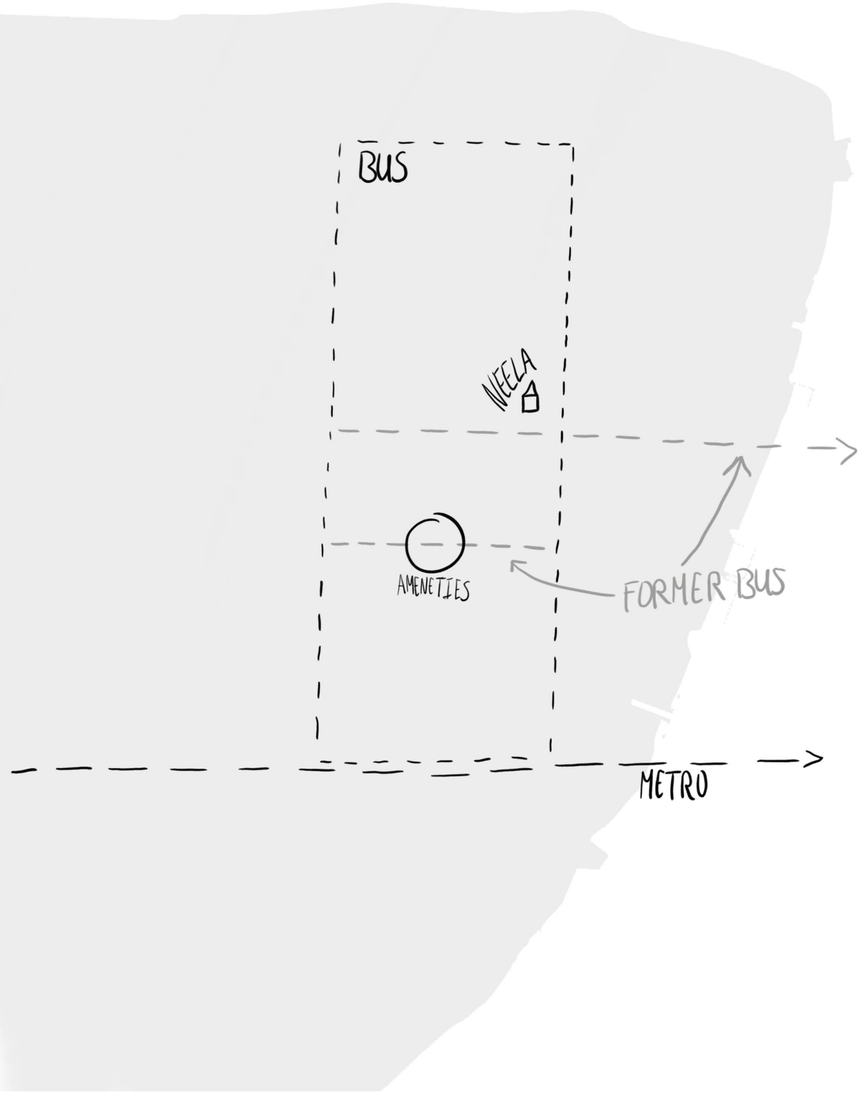


NEELA’S LIFE

- High-rise living
- No social contact
- Car dependent
- Lack of public transport

There used to go a bus to the cluster of amenities, but not anymore.
Neela has to walk to the supermarket.





NEELA'S LIFE

- High-rise living
- No social contact
- Car dependent
- Lack of public transport
- Few amenities
- No social spaces

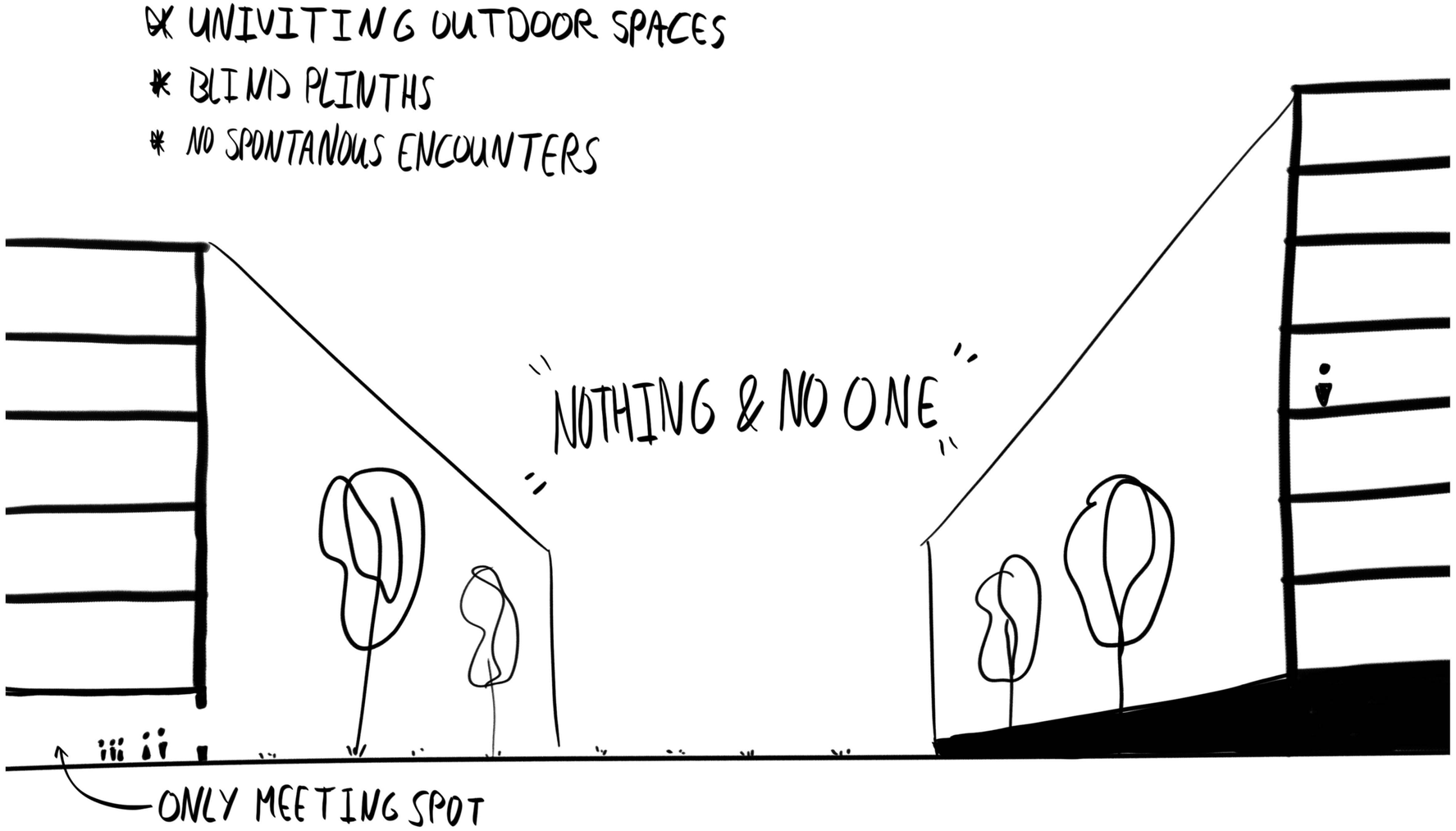
At the supermarket she gets her groceries. She also needs wool for her knitting hobby. This is not available anywhere at Linkeroever.



NEELA'S LIFE

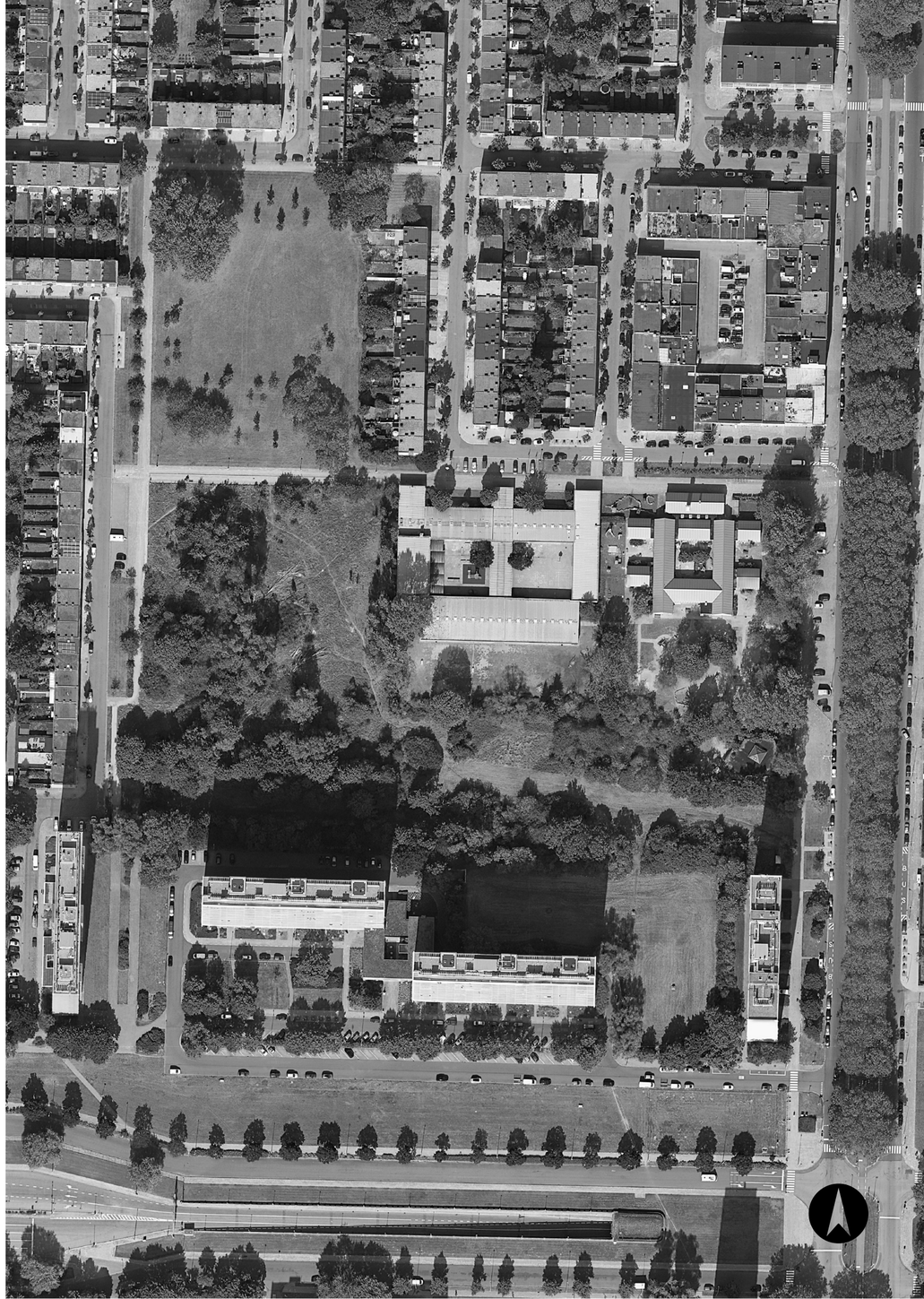
- High-rise living
- No social contact
- Car dependent
- Lack of public transport
- Few amenities
- No social spaces

After a hour, she heads back home thinking about how great it would be if there were more spaces, inside and outside, where people could comfortable meet.



NEELA’S NEIGHBOURHOOD





ENOLA'S LIFE

- Garage typology
- Anonymous streets

It is a school day and Enola wakes up in her parents dwelling, a garage type row-house.



ENOLA'S LIFE

- Garage typology
- Anonymous streets

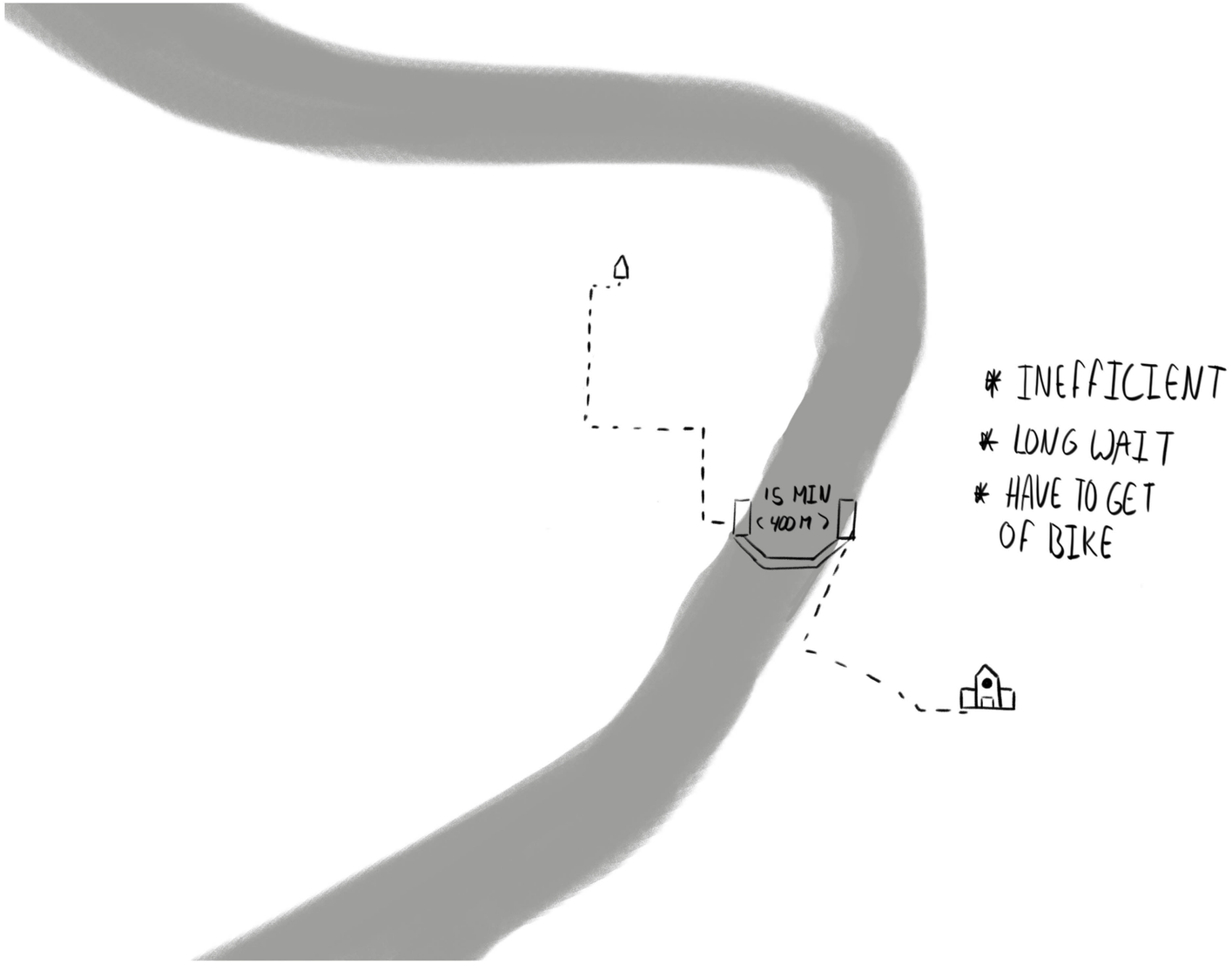
She cycles through anonymous streets and drops of her sister.



ENOLA'S LIFE

- Garage typology
- Anonymous streets
- Bad bicycle infrastructure
- Nothing to do

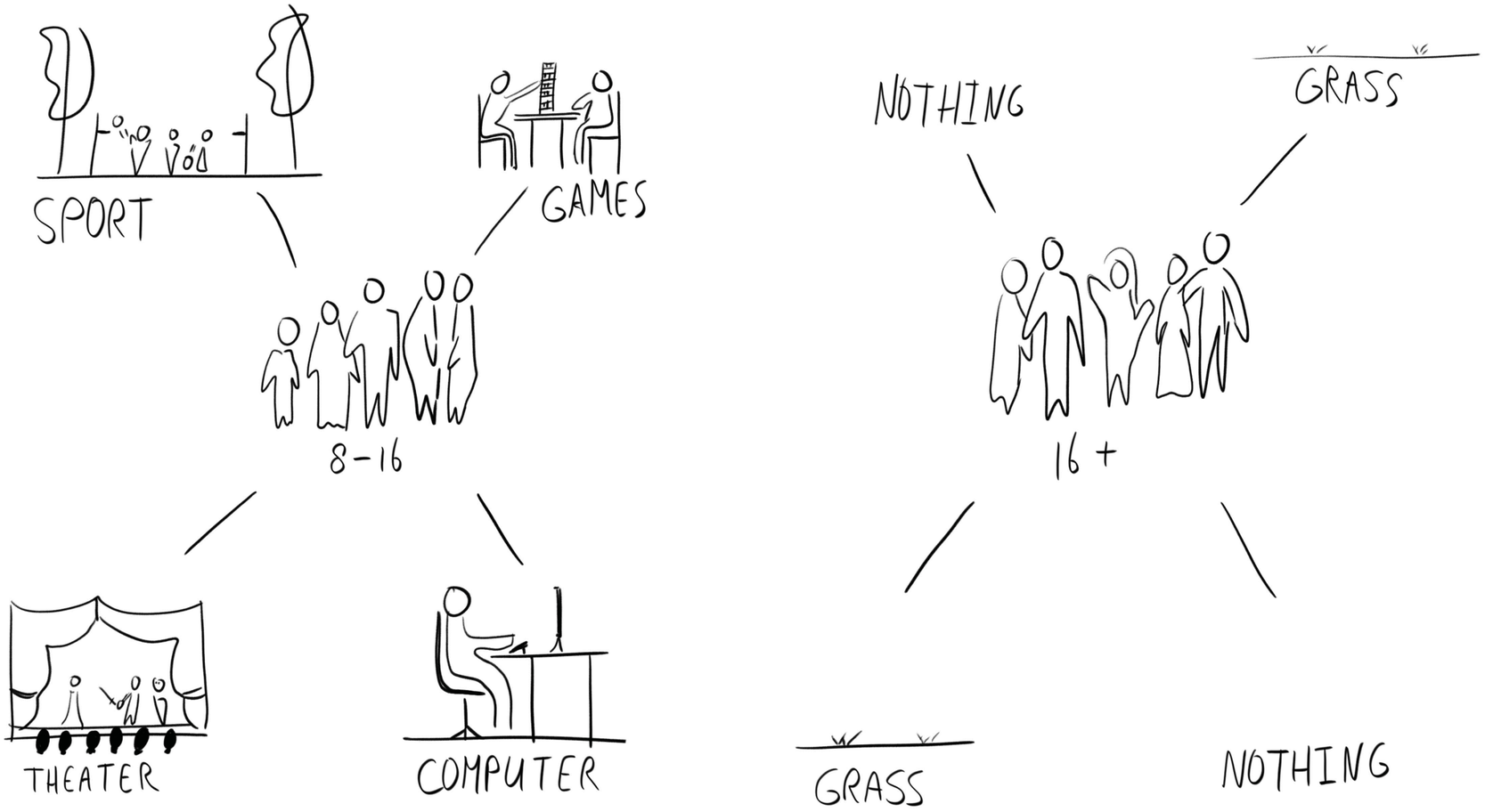
After 15 minutes, she finally arrives on the other shore and continues here way to school.



ENOLA'S LIFE

- Garage typology
- Anonymous streets
- Bad bicycle infrastructure
- Nothing to do

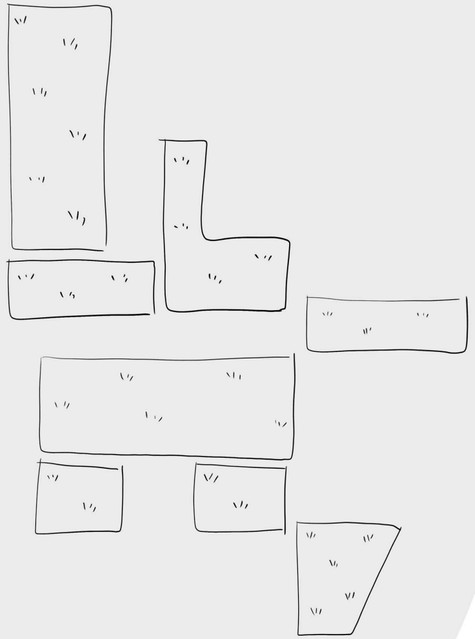
For her sister there are some after-school activities in the youth centre, but for Enola and her friends there is nothing to do.



ENOLA'S LIFE

- Garage typology
- Anonymous streets
- Bad bicycle infrastructure
- Nothing to do
- No social control
- Lot of nuisance

They hang around in one of the huge grass fields. There is no social control, so they can do whatever they want, to the inconvenience of others.





ENOLA'S LIFE

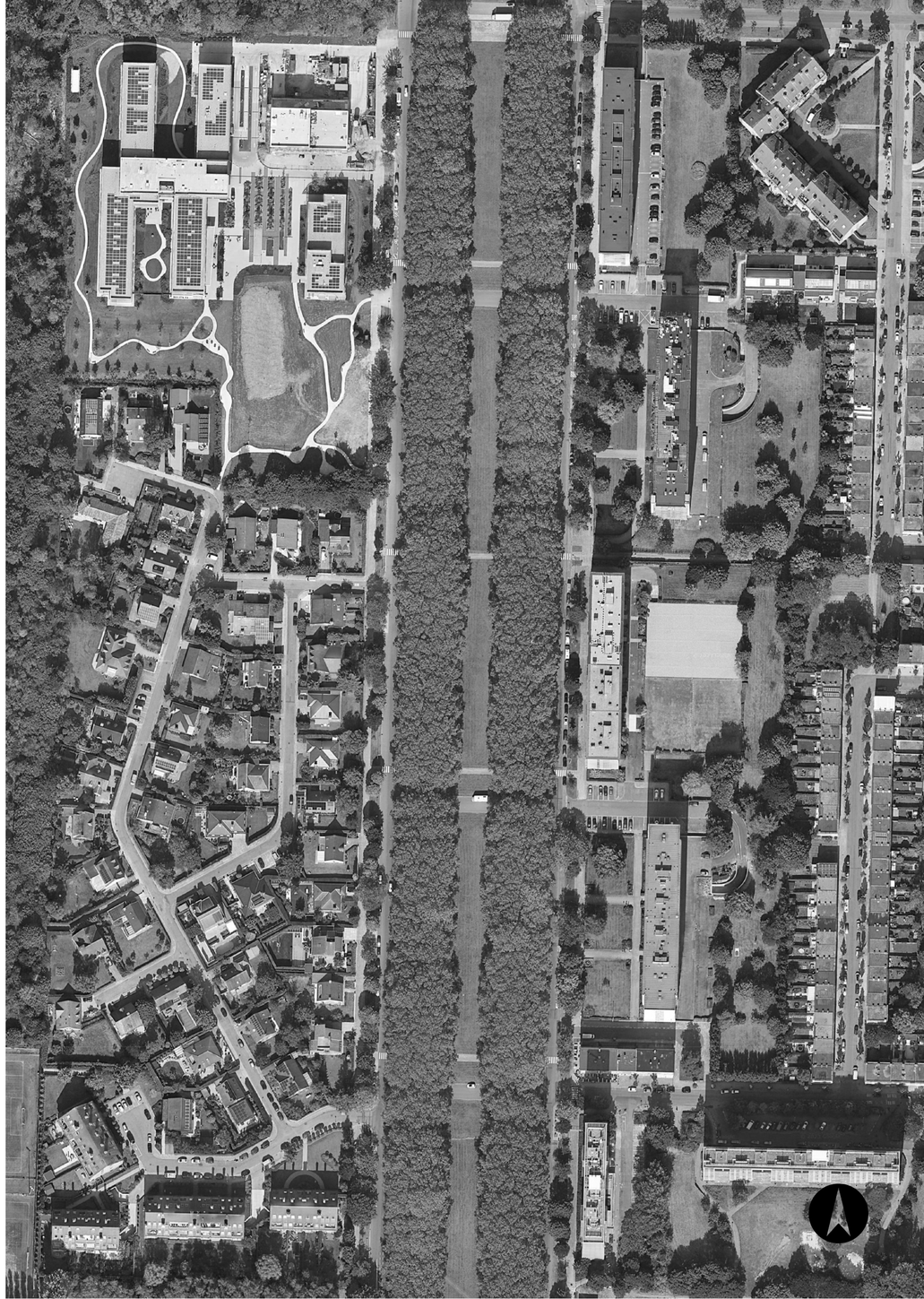
- Garage typology
- Anonymous streets
- Bad bicycle infrastructure
- Nothing to do
- No social control
- Lot of nuisance

Their nuisance mains that a lot of young kids have trouble sleeping.



ENOLA'S NEIGHBOURHOOD

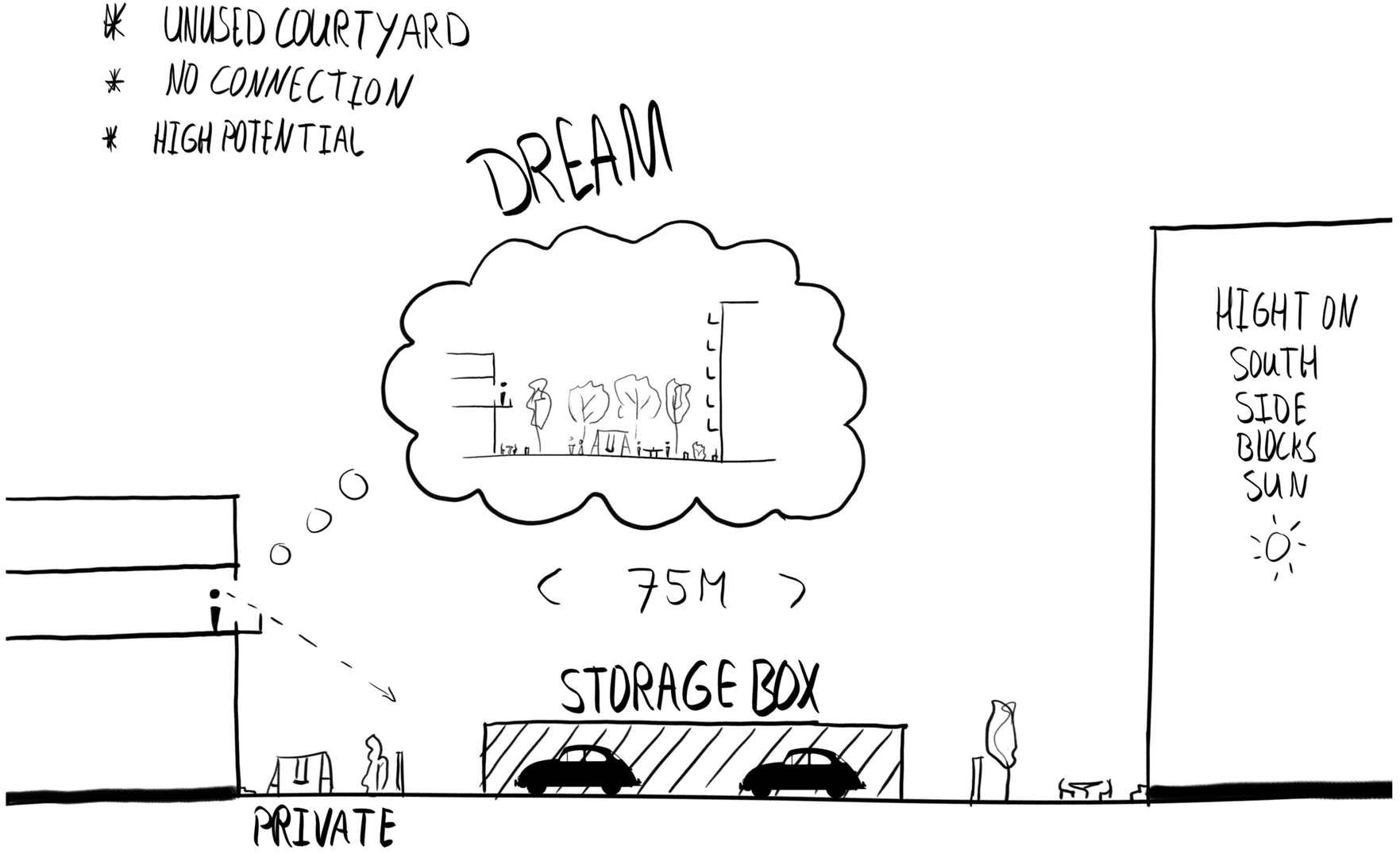




MAAZNEE

- Unused courtyard
- Concrete surroundings

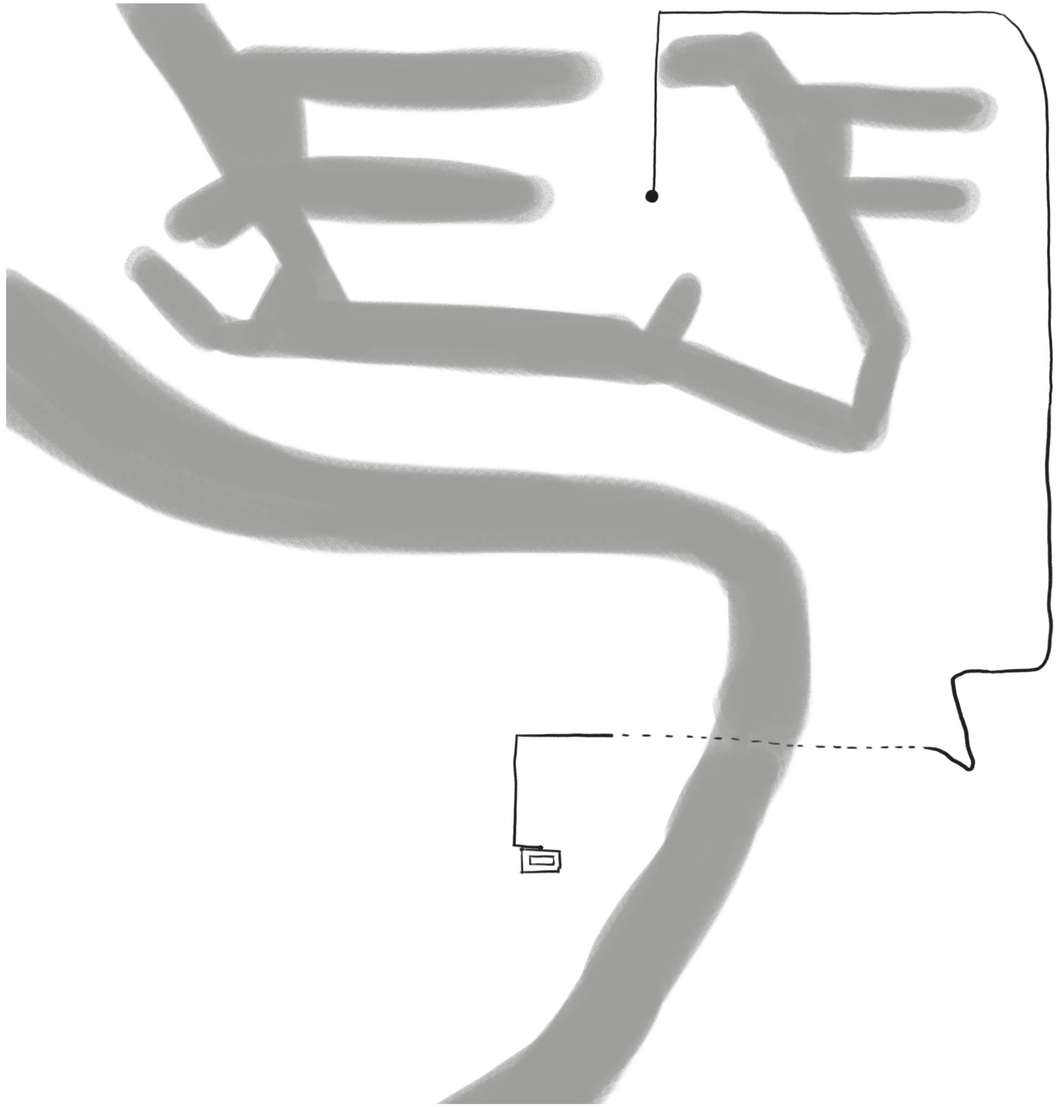
When he looks out of the window, he overlooks a courtyard currently used for storage boxes. He would love for his children to play here.



MAAZNEE

- Unused courtyard
- Concrete surroundings

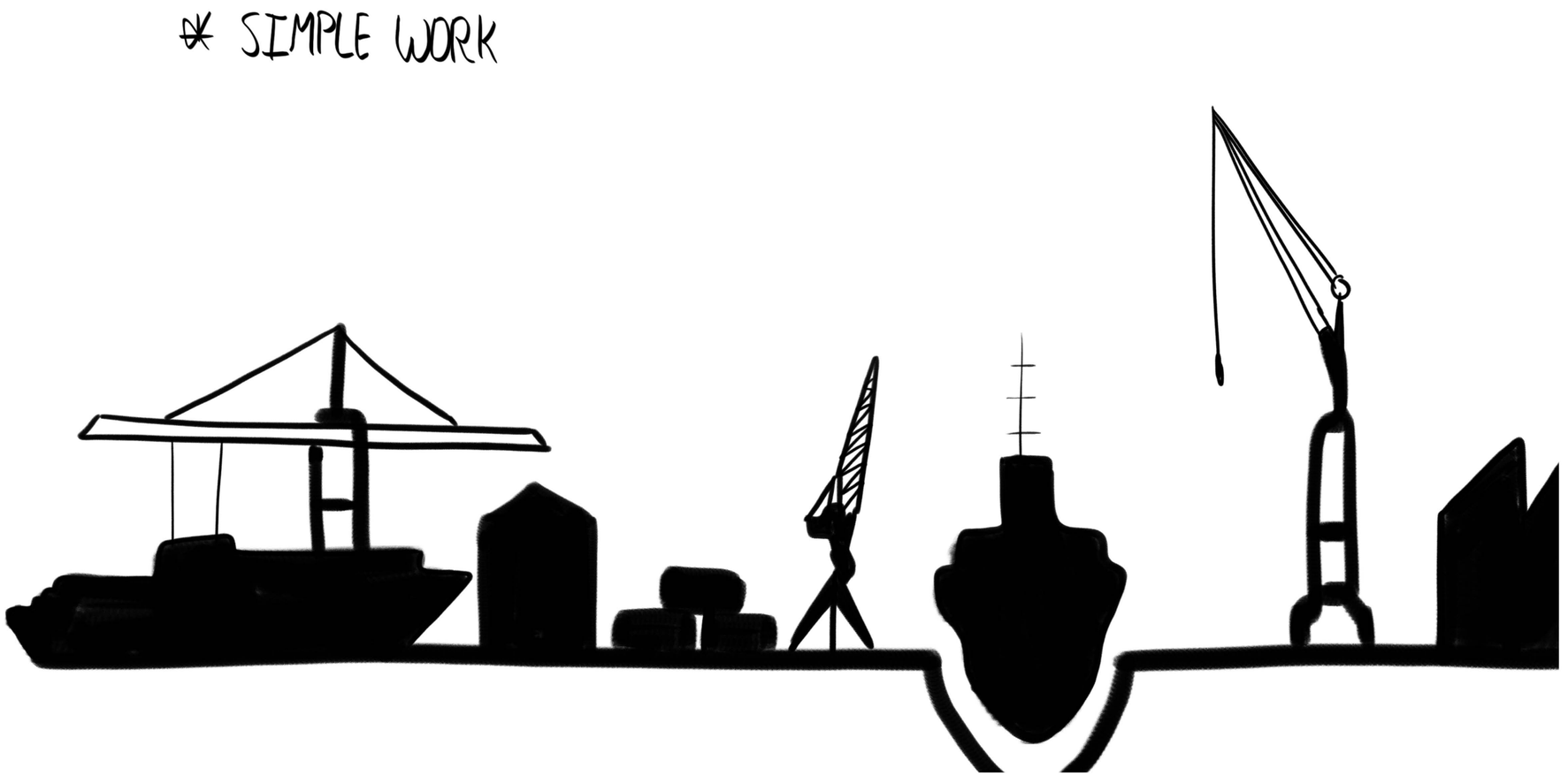
He drives to work, for this the smooth asphalt is great.



MAAZNEE

- Unused courtyard
- Concrete surroundings
- Harbour job
- Uninspiring environment

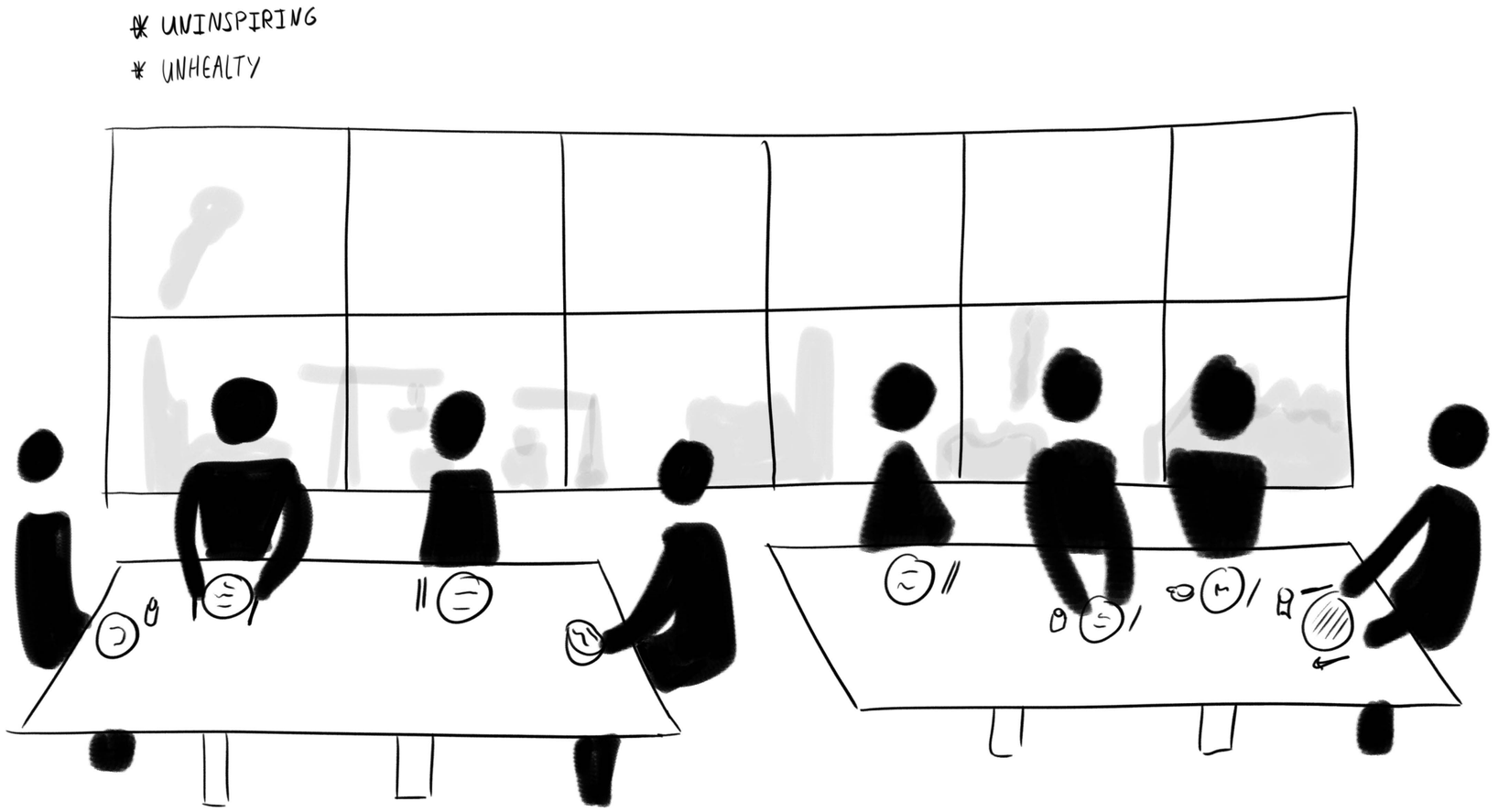
Mr. Maaznee works in the harbour. He is happy that he has a job,
but would prefer to start for himself.



MAAZNEE

- Unused courtyard
- Concrete surroundings
- Harbour job
- Uninspiring environment

During lunch he sits down in the cafeteria with co-workers who are all from different backgrounds.



MAAZNEE

- Unused courtyard
- Concrete surroundings
- Harbour job
- Uninspiring environment
- Distances are large
- No place to go

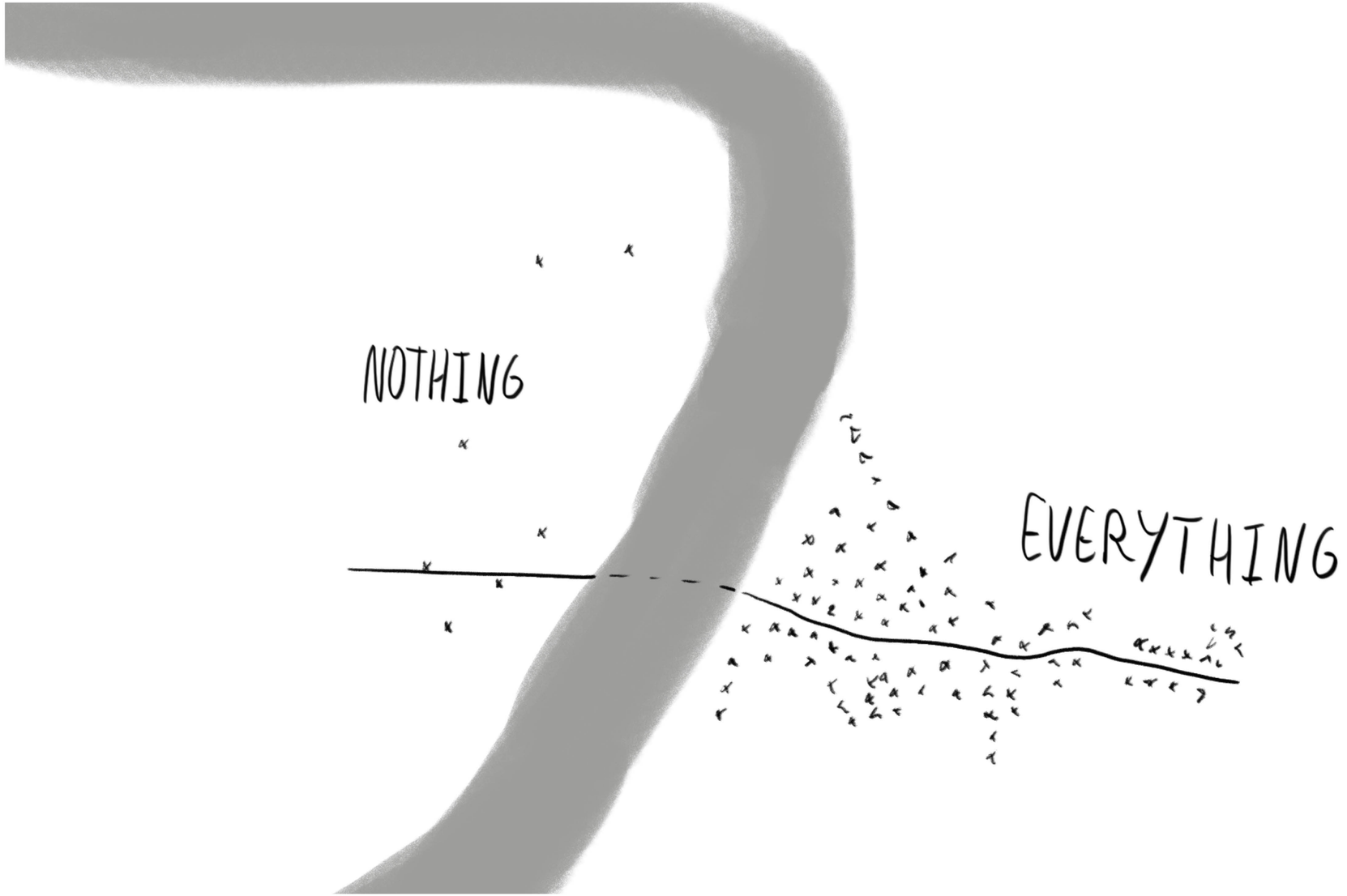
The weather is nice and his kids want to go outside. Now that mr. Maaznee is home, he can take them to the park near the river. It is not safe enough for the kids to go alone.



MAAZNEE

- Unused courtyard
- Concrete surroundings
- Harbour job
- Uninspiring environment
- Distances are large
- No place to go

At Linkeroever there is no place for them. There are very limited third places.



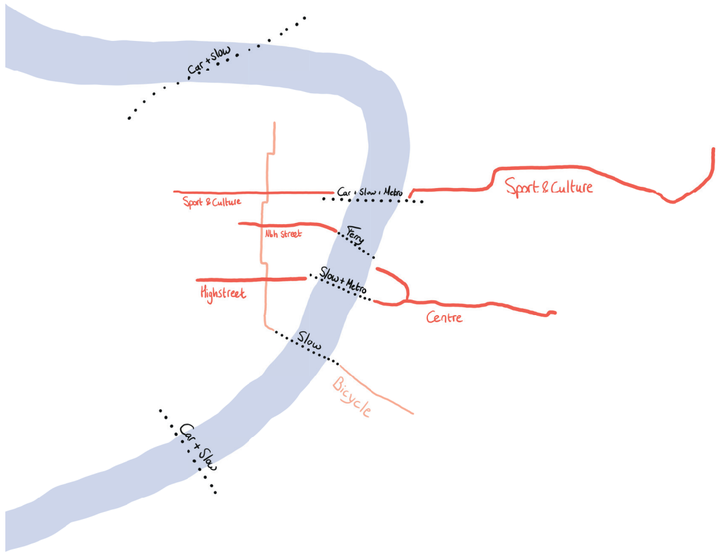
MR. MAAZNEE'S NEIGHBOURHOOD



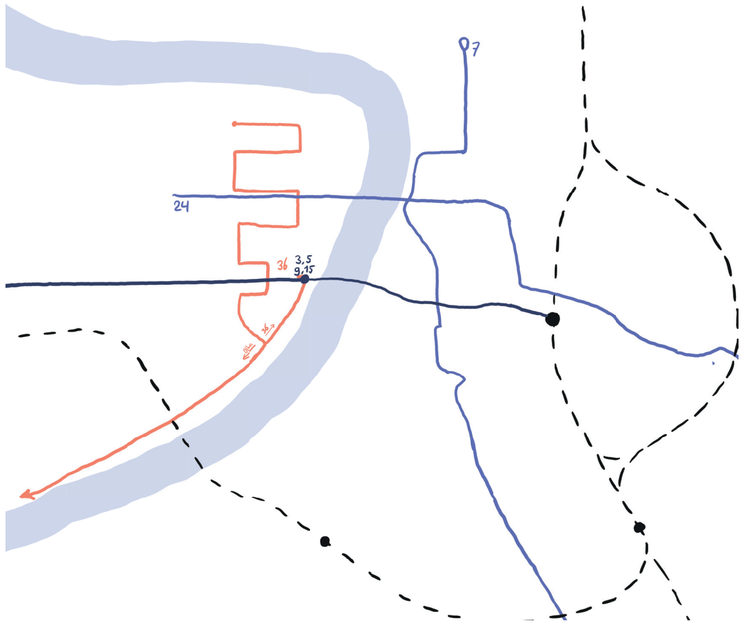


THEORY AGAINST URBAN LONELINESS

PERSONAL AND COLLECTIVE DEVELOPMENT



Synergies

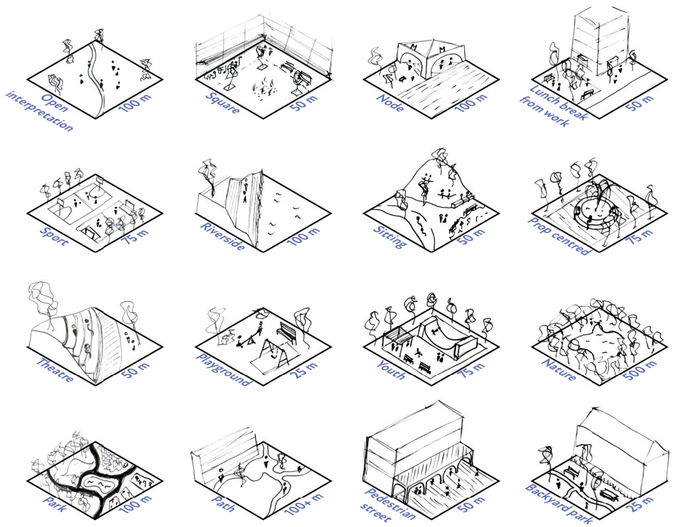


Improved public transport



Qualitative amenities

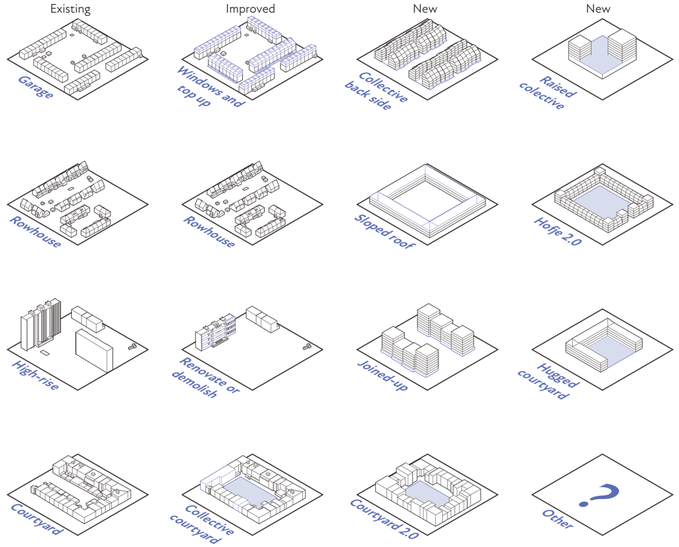
SOCIAL COHESION AND SOCIAL INTERACTION



Diverse public space offer

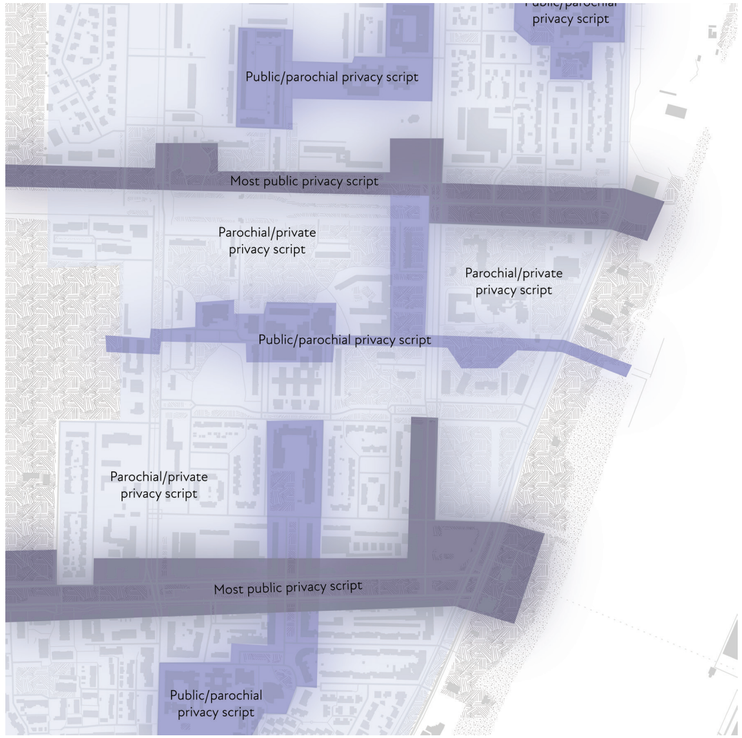


Triangulation

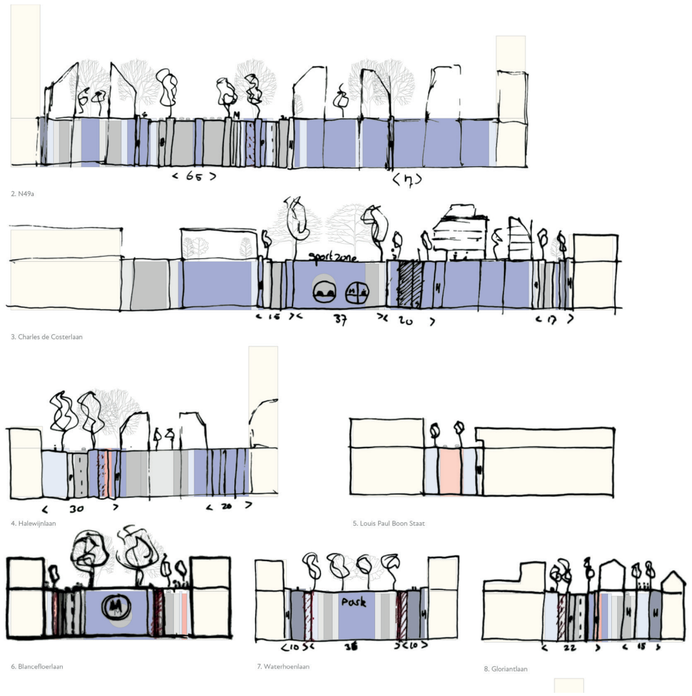


Improved typologies

A LEGIBLE HUMAN SCALE



Legible privacy script



Smaller street profiles



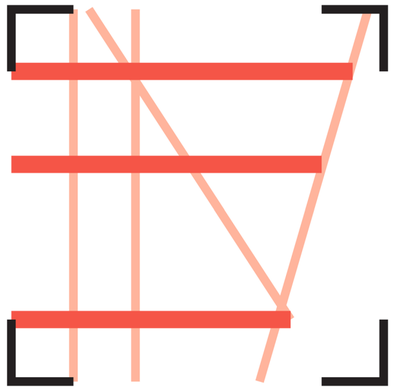
Aesthetic materials

DESIGN FOR LINKEROEVER: CHOOSE YOUR FUTURE

DESIGN APPROACH

Personal and collective development

TOP-DOWN
a lonely city



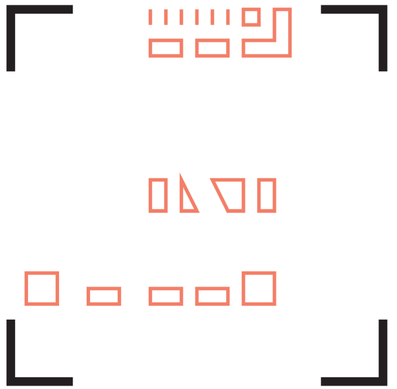
Flexible Framework



DESIGN APPROACH



Social cohesion and
social interaction



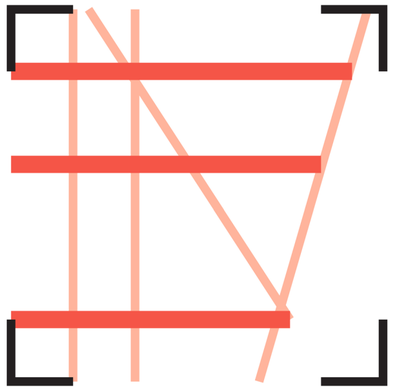
BOTTOM-UP
lonely people

Happy
Home

DESIGN APPROACH

TOP-DOWN
a lonely city

Personal and collective development



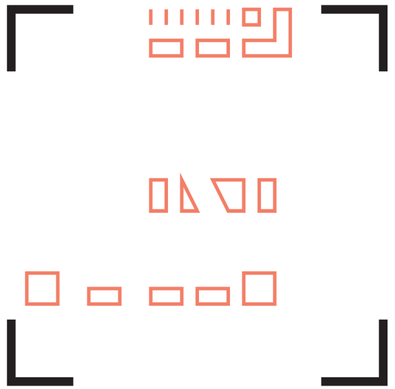
Flexible Framework

A legible human scale



Diverse District

Social cohesion and social interaction



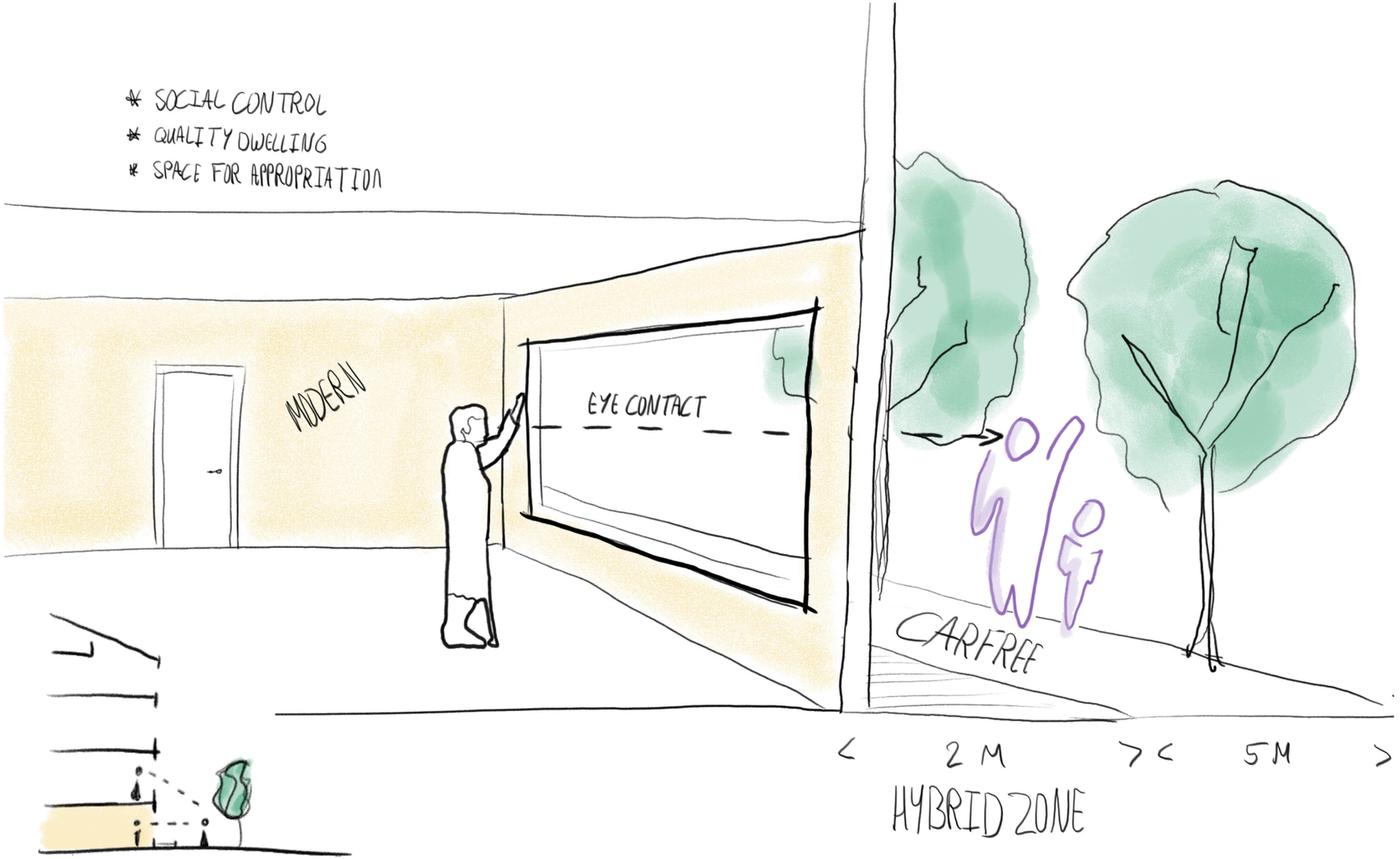
Happy Home

BOTTOM-UP
lonely people

THE FUTURE

- Low-rise buildings
- Social and visual contact

Neela wakes up in her modern social dwelling at the ground floor. She opens the curtains and sees children walking to school, through the car-free street.



THE FUTURE

- Low-rise buildings
- Social and visual contact

Her dwelling feels connected with the neighbourhood.



THE FUTURE

- Low-rise buildings
- Social and visual contact
- Slow traffic has priority
- Frequent public transport

When she steps onto the street, the street is green, clean, and free of cars.



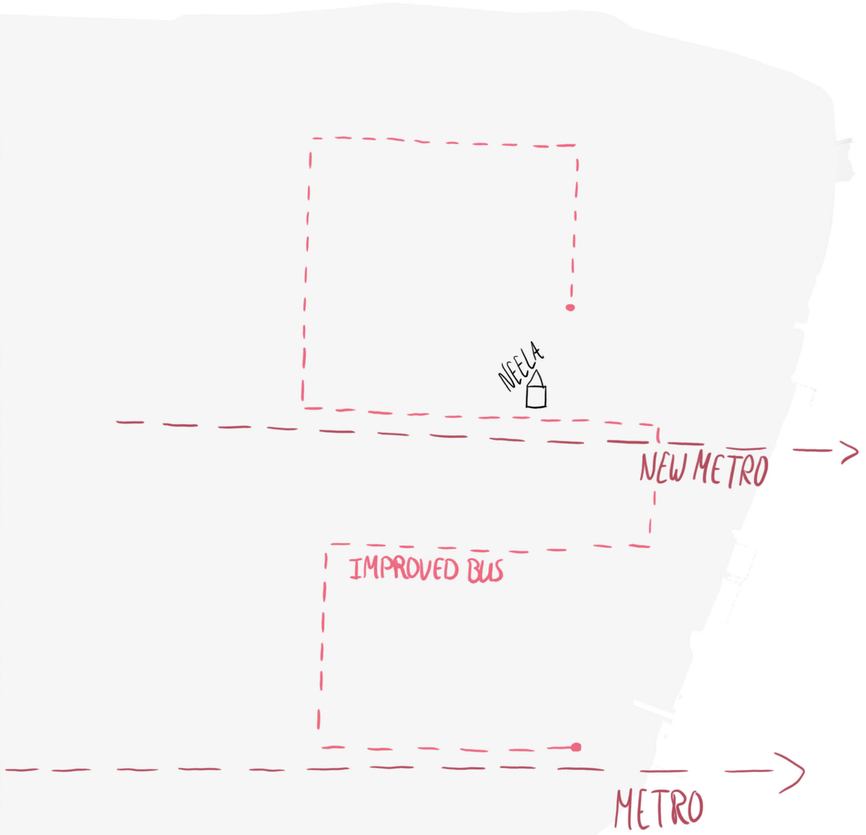


THE FUTURE

- Low-rise buildings
- Social and visual contact
- Slow traffic has priority
- Frequent public transport

At the edge of the block is a bus stop that goes to the neighbourhood amenities.
The weather is great, so Neela decides to walk. Mental and physical distances are short.





THE FUTURE

- Low-rise buildings
- Social and visual contact
- Slow traffic has priority
- Frequent public transport
- Diverse (social) amenities
- Feels like an organism

At the supermarket she gets her groceries. She also needs wool for her knitting hobby. She can get this at Linkeroever, the increased density of people brought more amenities.

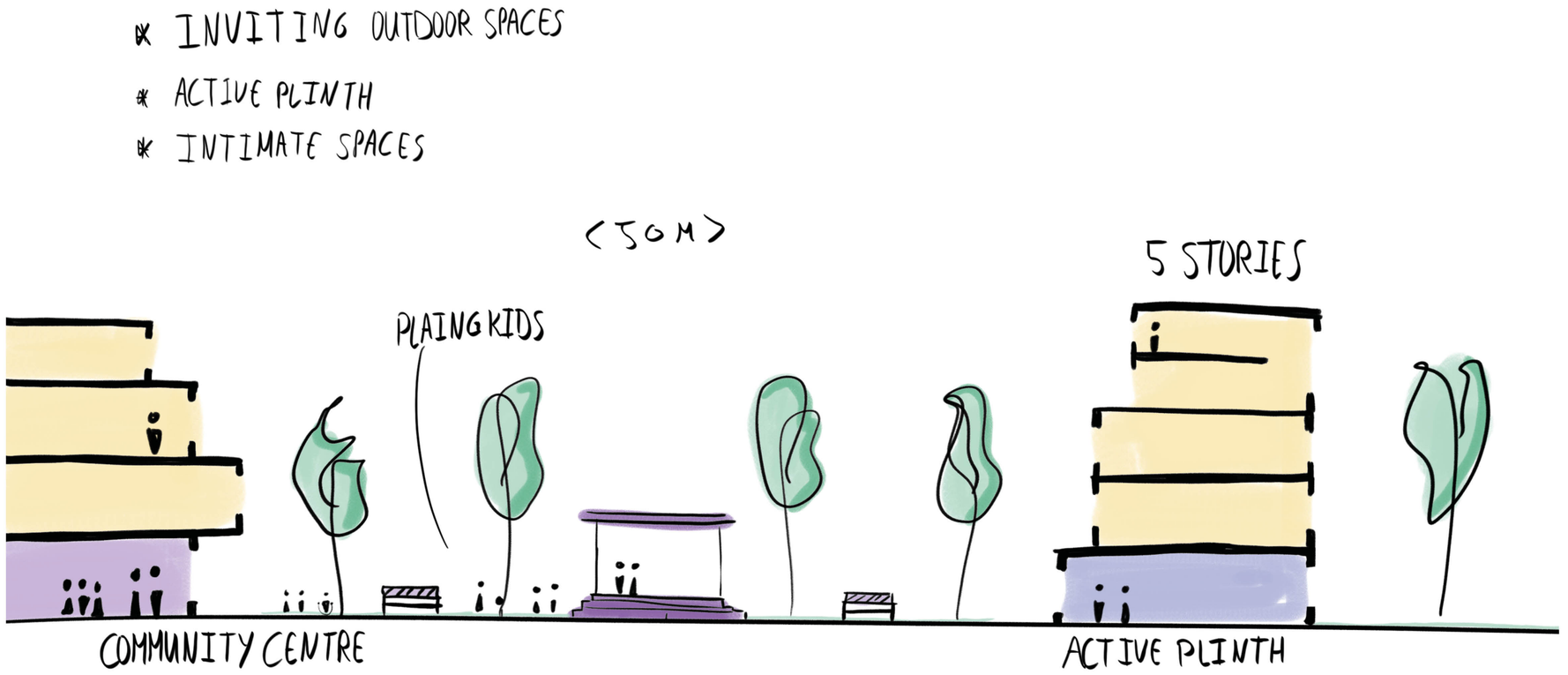


THE FUTURE

- Low-rise buildings
- Social and visual contact
- Slow traffic has priority
- Frequent public transport
- Diverse (social) amenities
- Feels like an organism

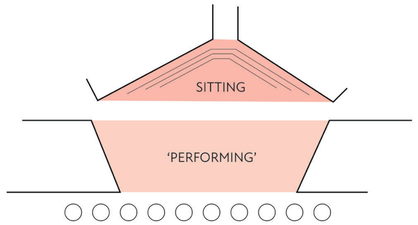
- Neighbourhood scale
- Mobility
- Social program

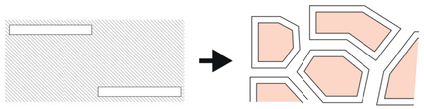
The community centre is located at the edge of a small park. She like to watch the young generation play outside in the sun, like today.

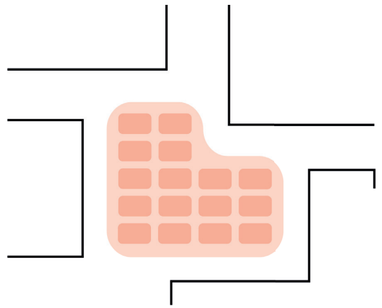


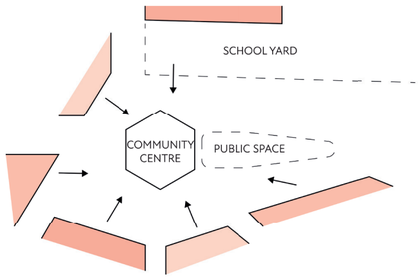
THE DESIGN

- Public space as theatre
- Intimate urban fabric
- Collective allotment garden
- Intergenerational community centre
- Inside meets outside

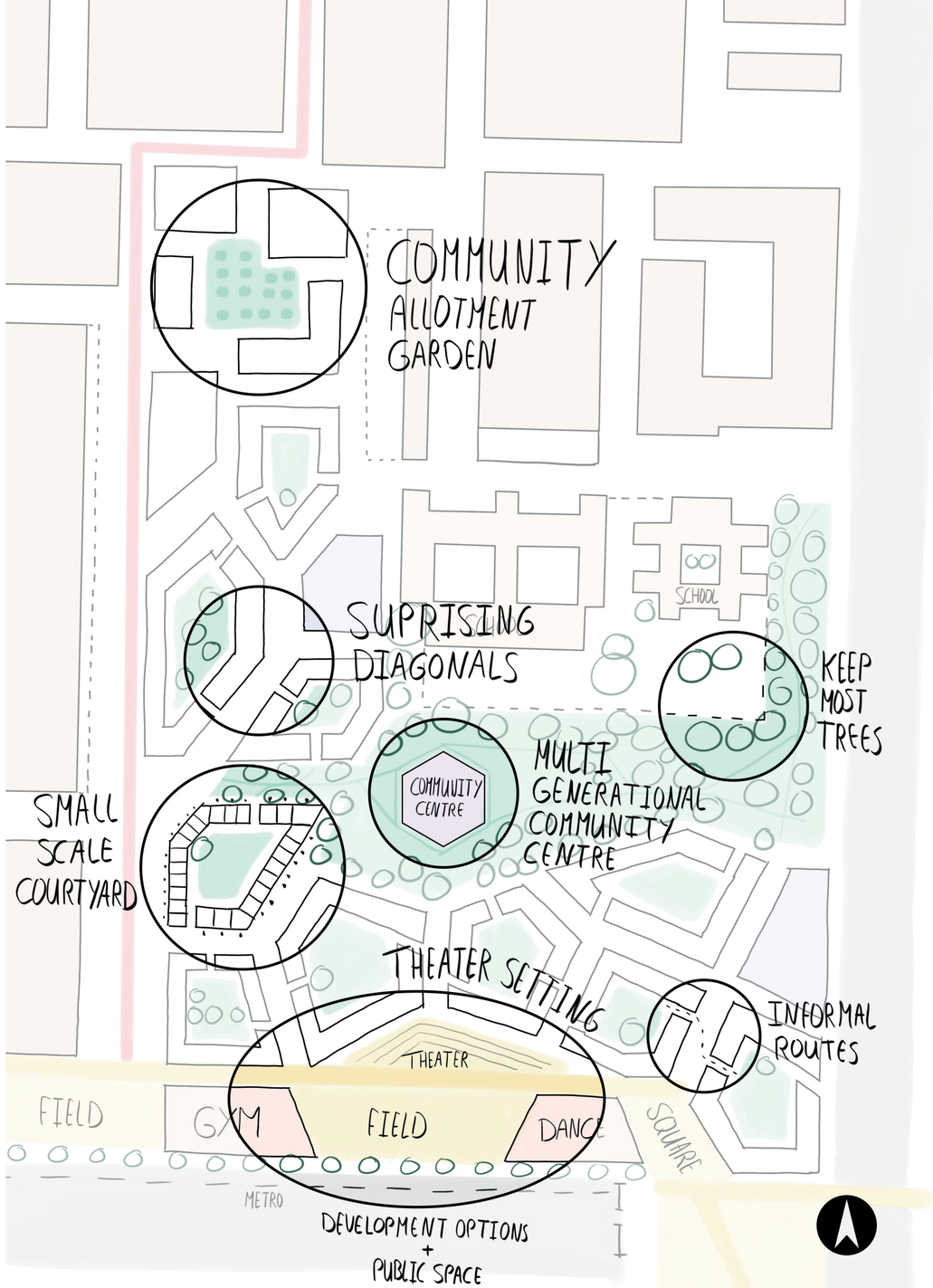






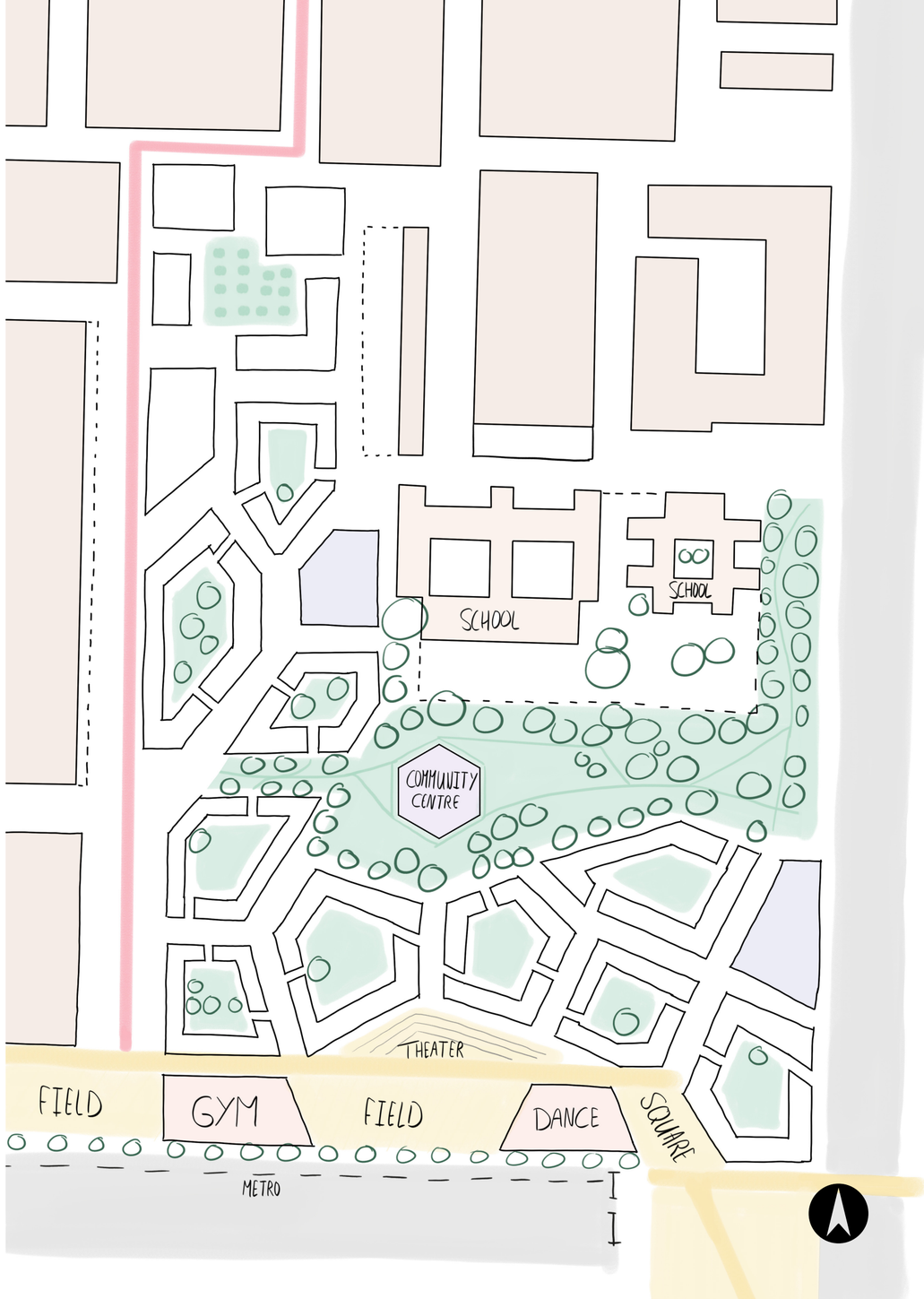






THE DESIGN

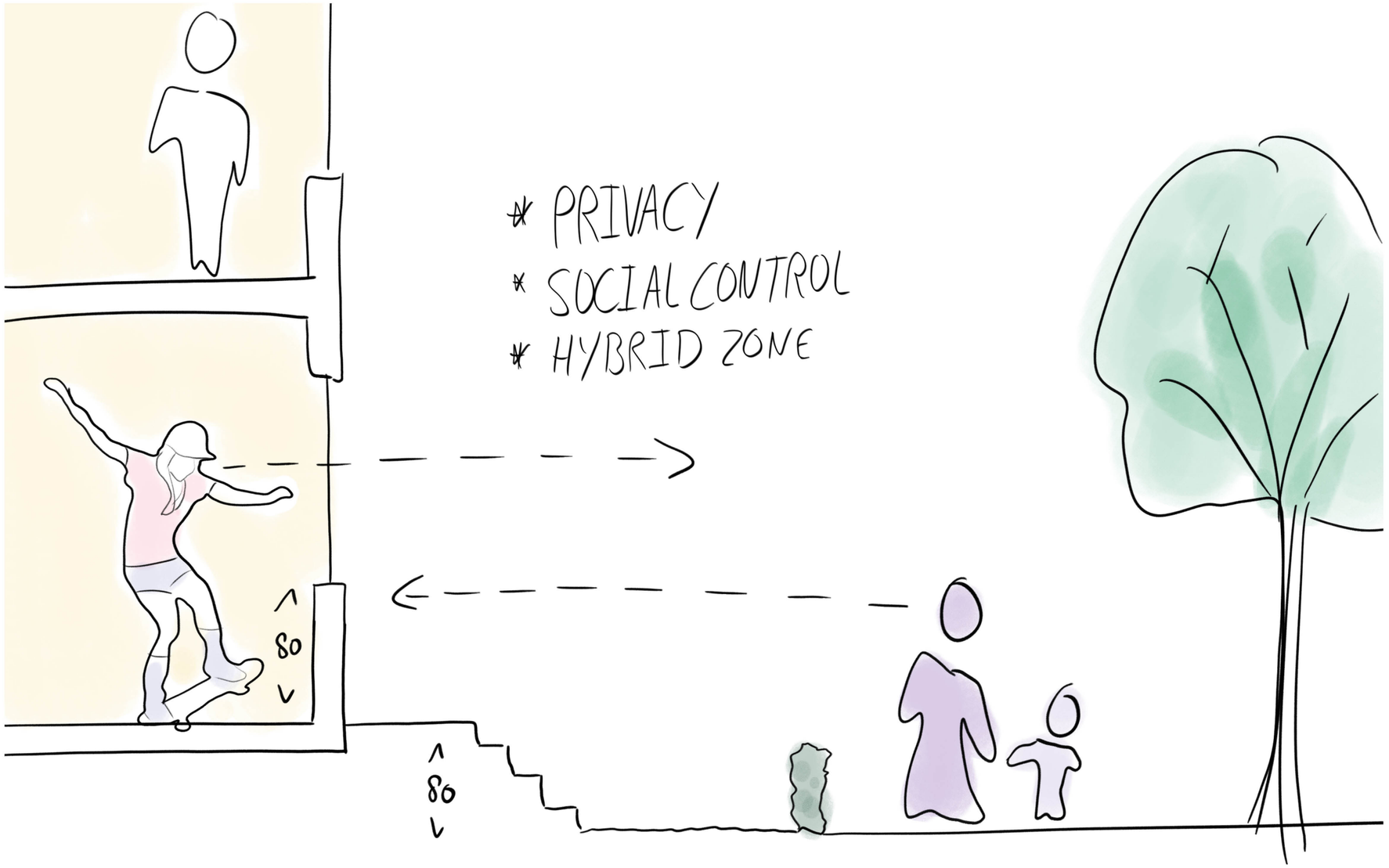



SCHOOL
SCHOOL
COMMUNITY CENTRE
THEATER
FIELD
GYM
FIELD
DANCE
SQUARE
METRO

THE FUTURE

- Active plinths
- Lively streets

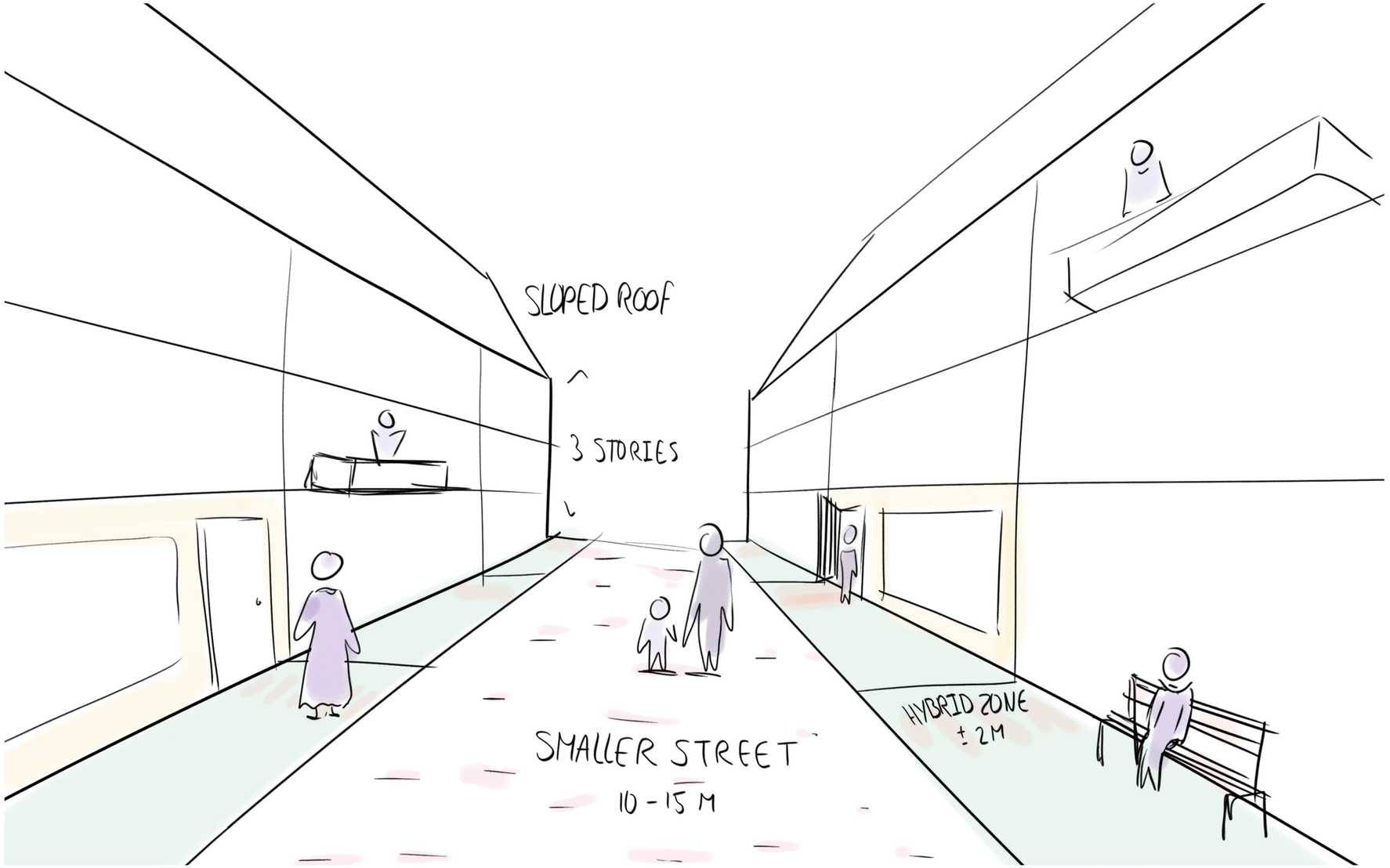
It is a school day and Enola wakes up in her parents maisonette, where there is privacy yet a connection with public life.



THE FUTURE

- Active plinths
- Lively streets

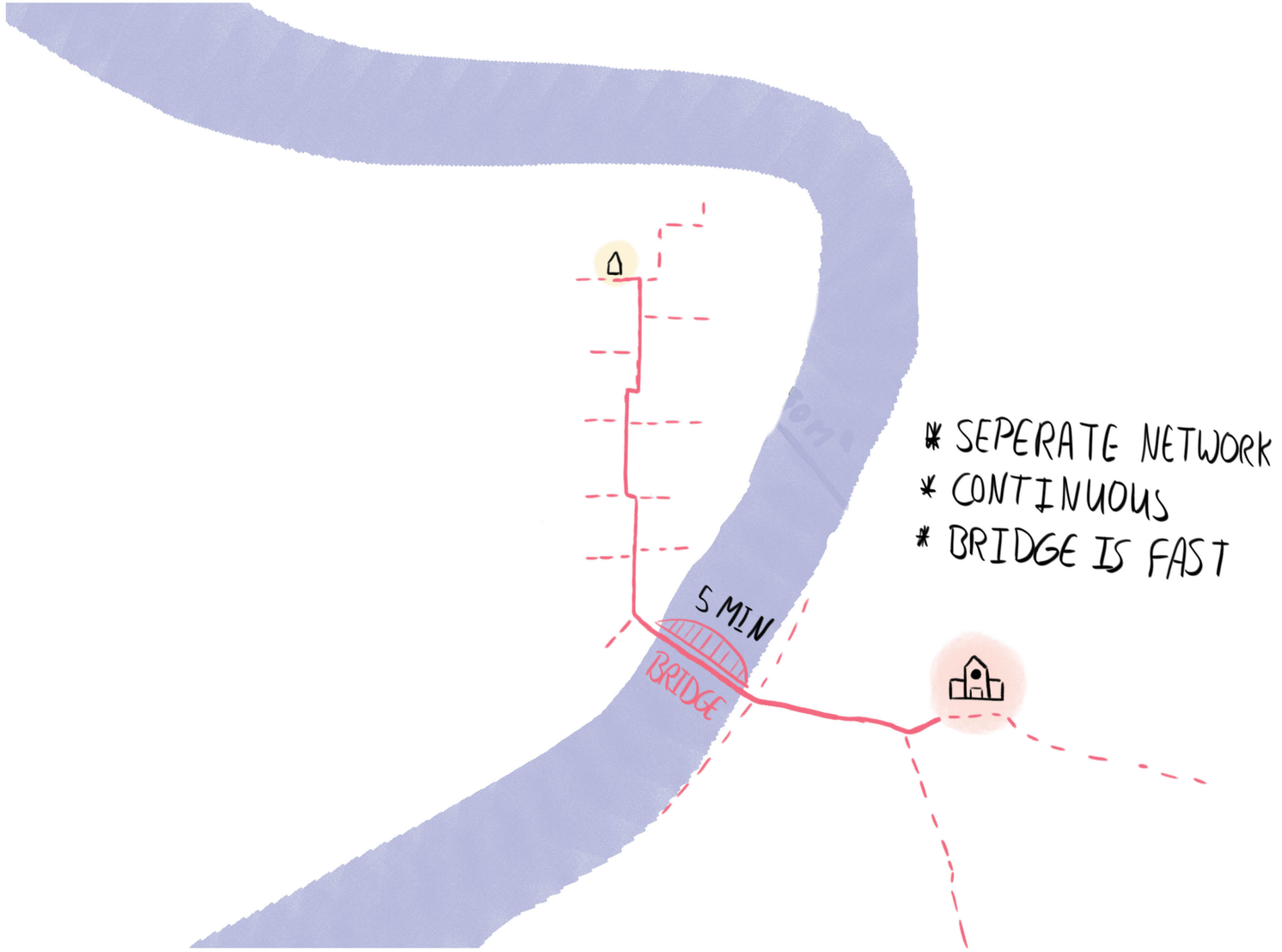
They cycles through pleasant streets where other kids emerge from the houses to go to school..



THE FUTURE

- Active plinths
- Lively streets
- Improved bicycle infra
- Amenities for the youth

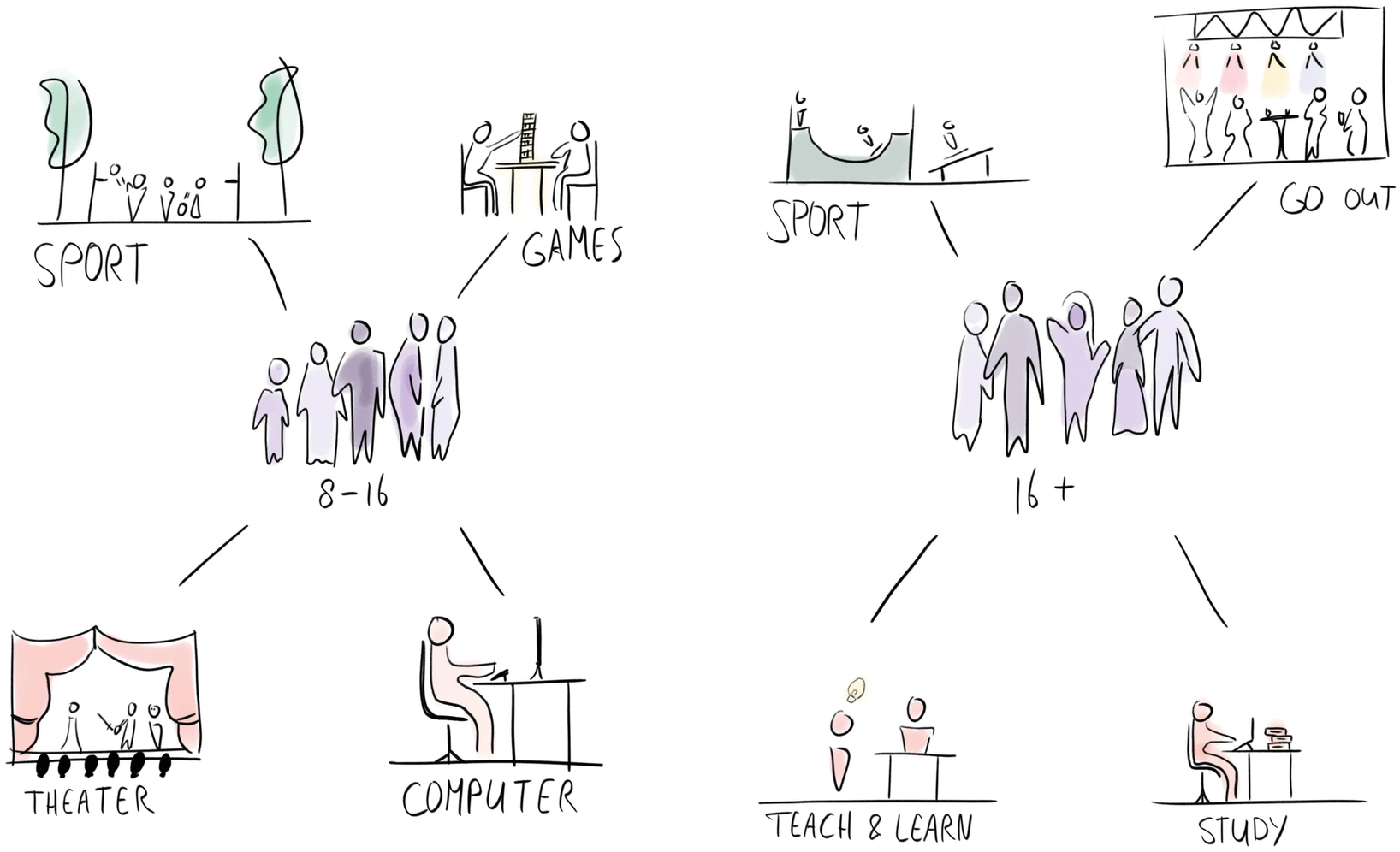
The ride is fast and smooth, thanks to the bridge and connected bicycle infrastructure.



THE FUTURE

- Active plinths
- Lively streets
- Improved bicycle infra
- Amenities for the youth

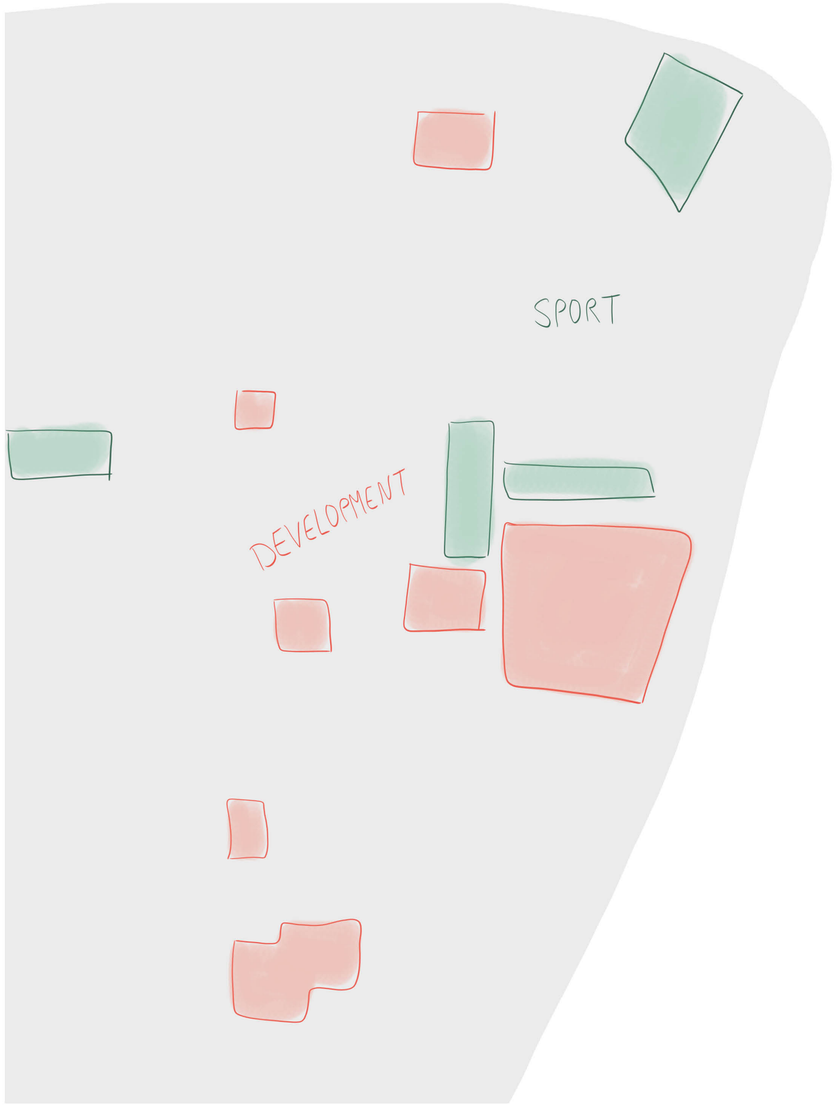
For her sister there are plenty after-school activities in the youth centre. For Enola and her friends there are sufficient spaces where they can study, sport, or develop her interests.

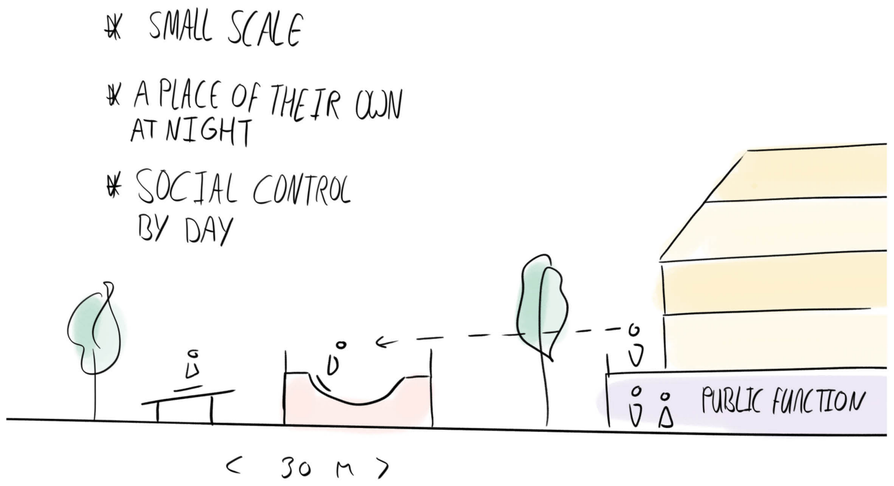


THE FUTURE

- Active plinths
- Lively streets
- Improved bicycle infra
- Amenities for the youth
- Social control
- Youth has their place

For the young adolescents there are sufficient spaces for their needs. These spaces are legible and there is plenty of social control.





THE FUTURE

- Active plinths
- Lively streets
- Improved bicycle infra
- Amenities for the youth
- Social control
- Youth has their place

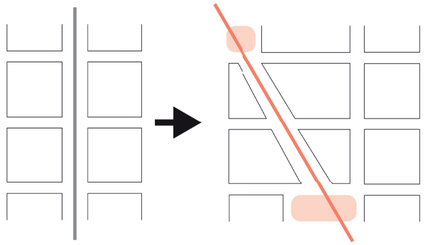
- District scale
- Public space
- Social and development

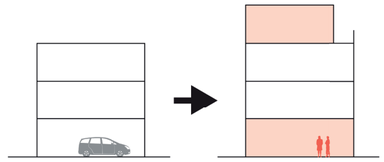
Because they have their own sport, their nuisance does not cause trouble.

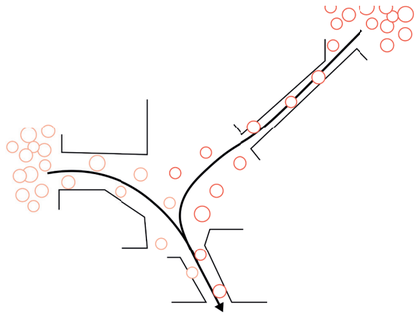


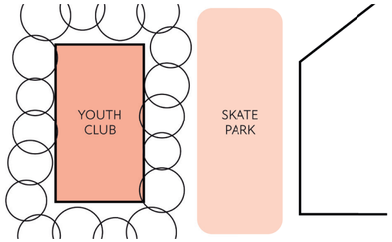
THE DESIGN

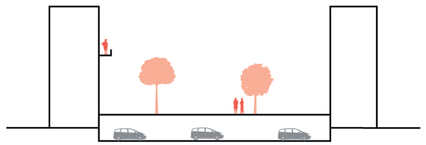
- Connecting diagonal
- Active plinth
- Bring nature in
- Place for the youth
- Parking under courtyard

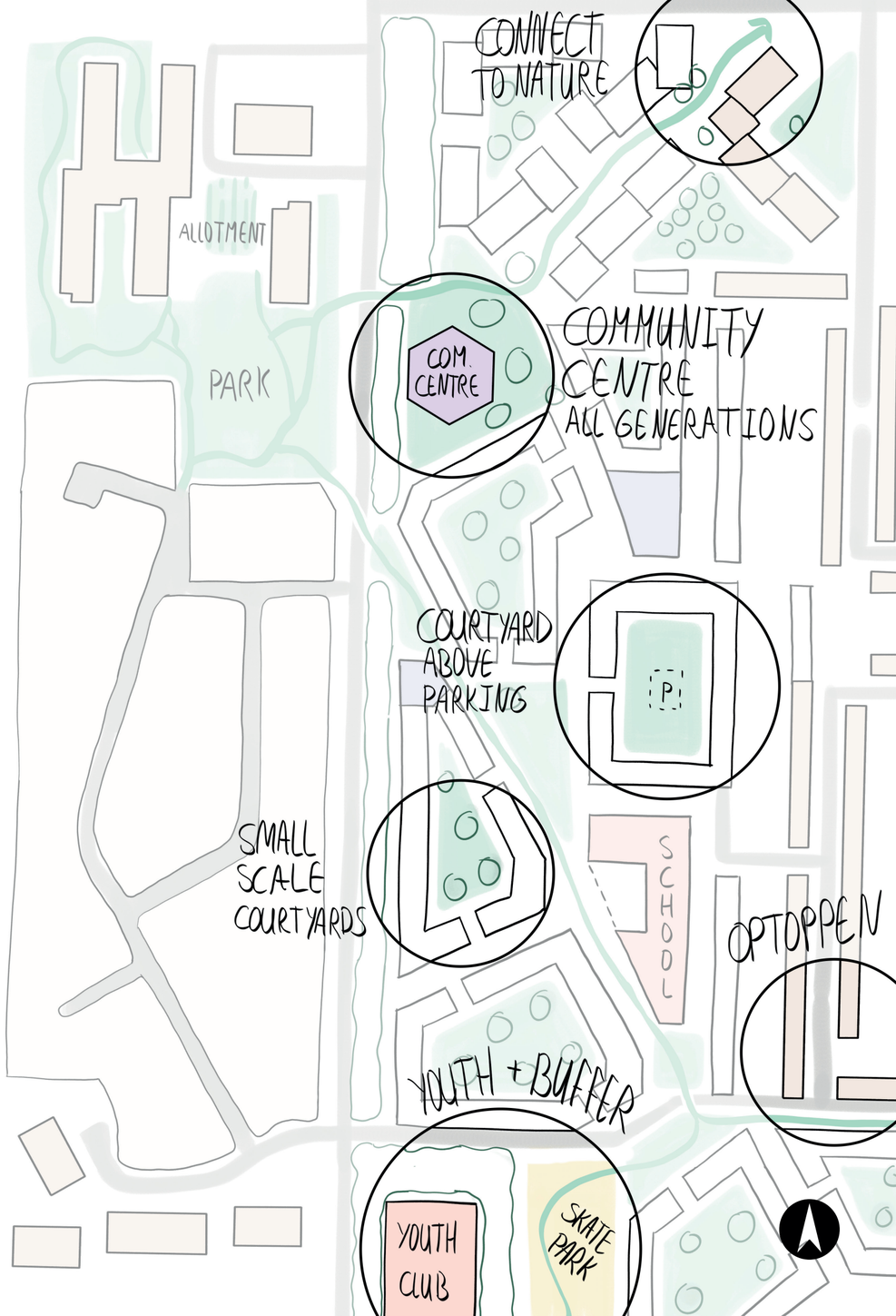






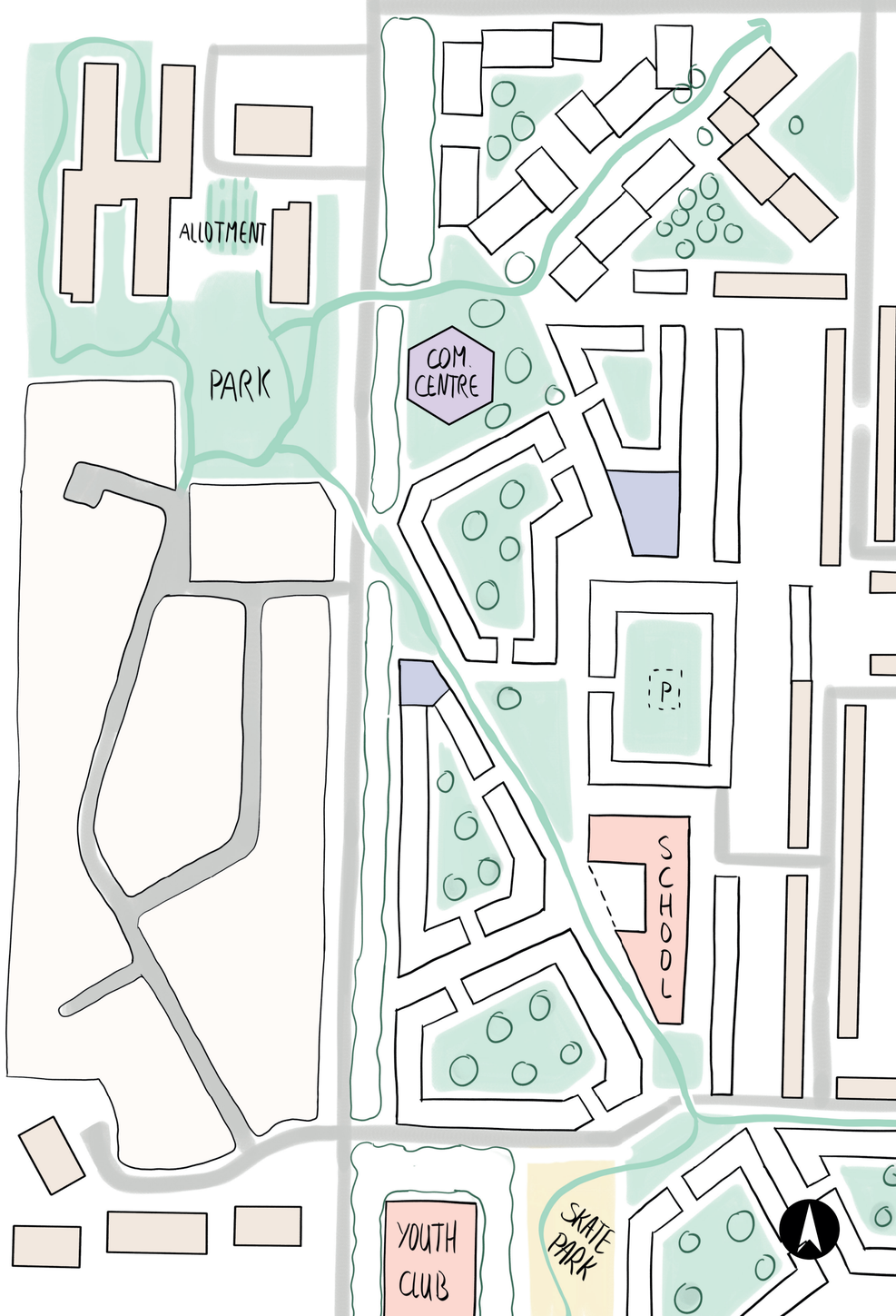






THE DESIGN





THE FUTURE

- Communal courtyard
- Tactile colourful materials

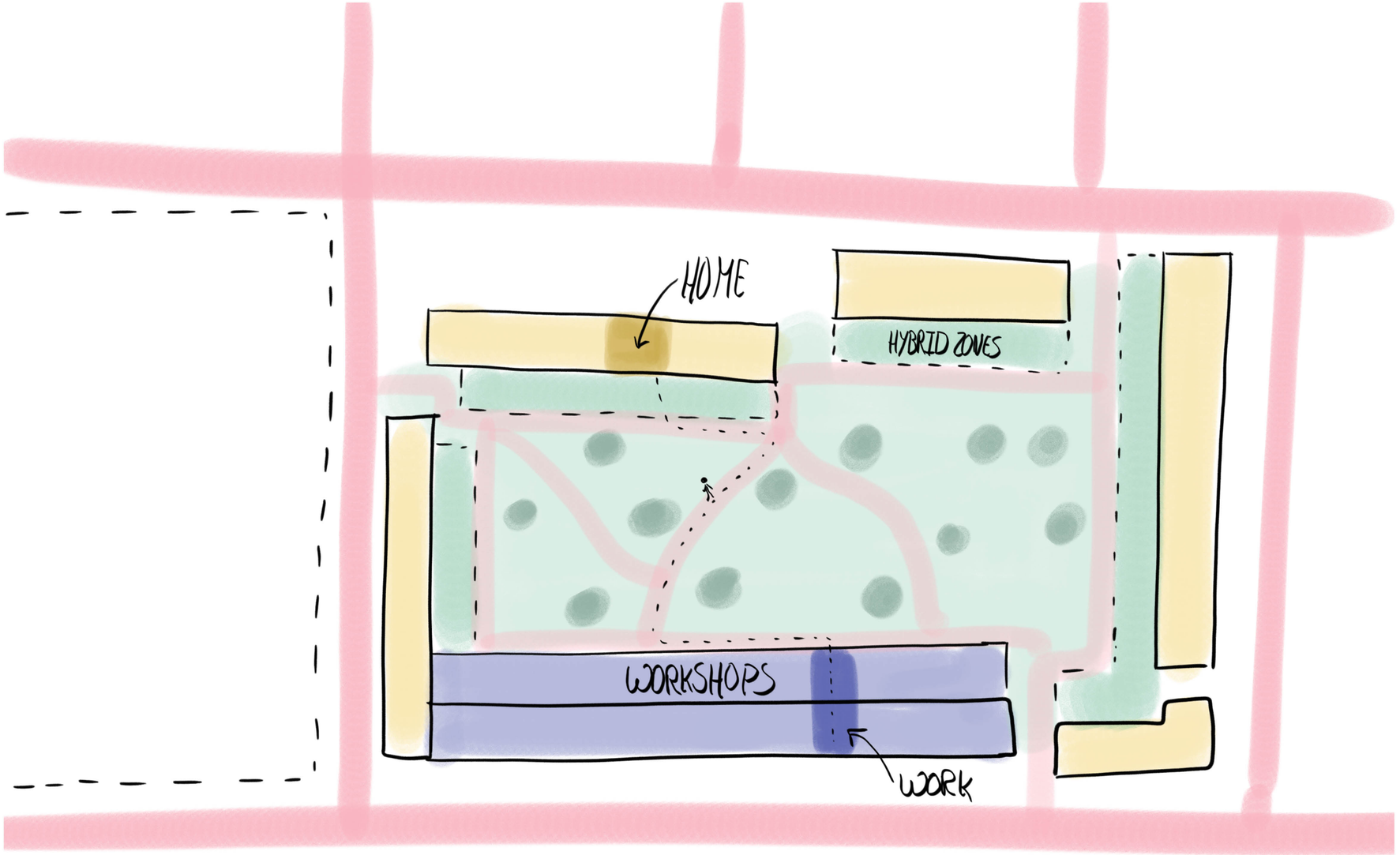
When he looks out of the window, he overlooks a courtyard where his kids like to play and on which his company space is attached.



THE FUTURE

- Communal courtyard
- Tactile colourful materials

He walks through the courtyard to his work place.



THE FUTURE

- Communal courtyard
- Tactile colourful materials
- Maker and entrepreneur
- Entrepreneur community

Mr. Maaznee is happy that he has his own company where he can show his craftsmanship.



THE FUTURE

- Communal courtyard
- Tactile colourful materials
- Maker and entrepreneur
- Entrepreneur community

During lunch he sits down in the pocket park attached to the Highstreet.
Here he enjoys lunch together with other entrepreneurs.



THE FUTURE

- Communal courtyard
- Tactile colourful materials
- Maker and entrepreneur
- Entrepreneur community
- Local amenities
- Always welcome

- City scale
- Synergies
- Development spaces

After school the kids can play in the courtyard. The environment is safe and there is a lot of social control.

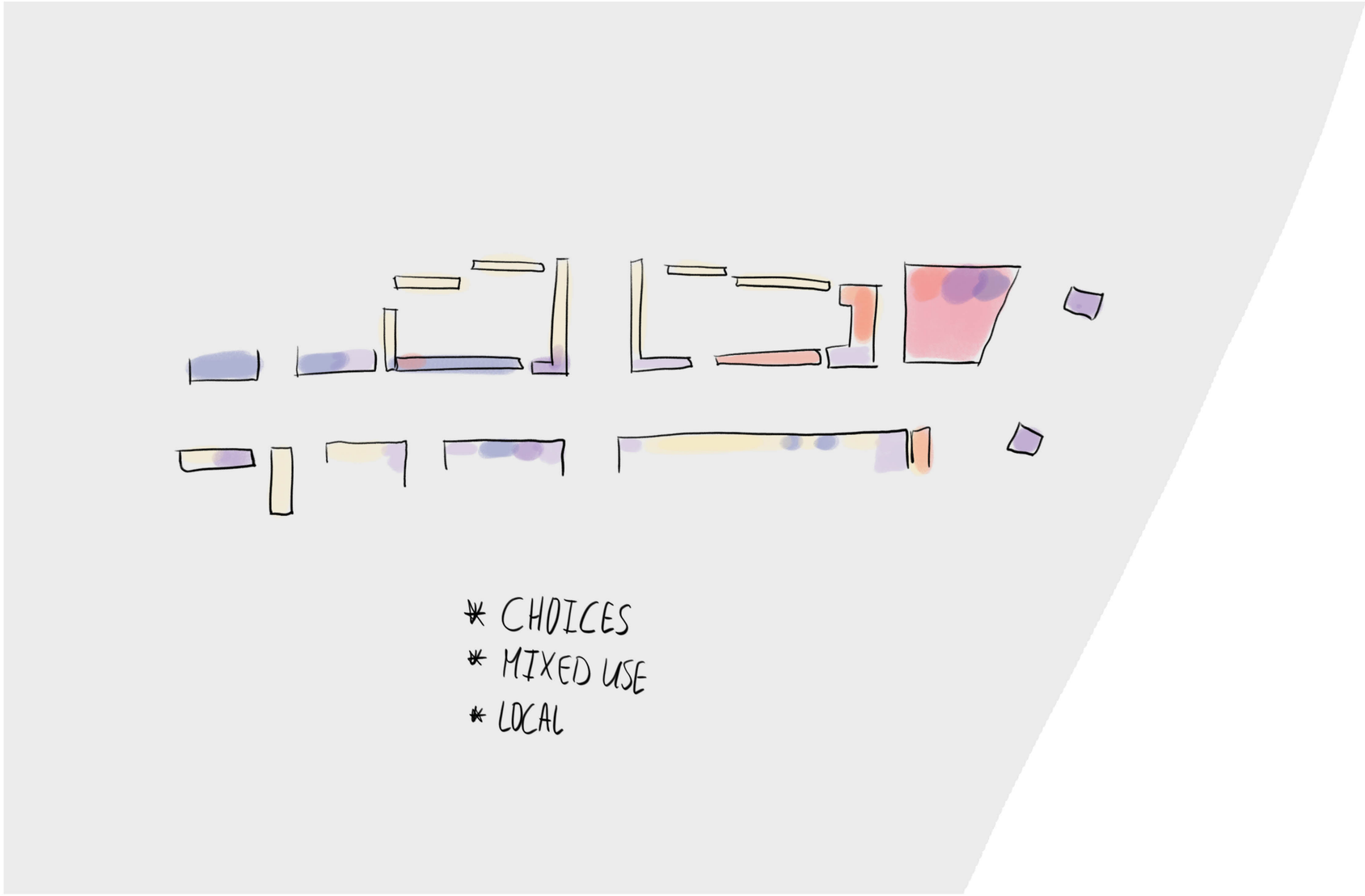


THE FUTURE

- Communal courtyard
- Tactile colourful materials
- Maker and entrepreneur
- Entrepreneur community
- Local amenities
- Always welcome

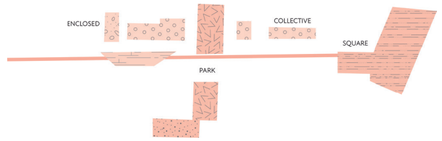
- City scale
- Synergies
- Development spaces

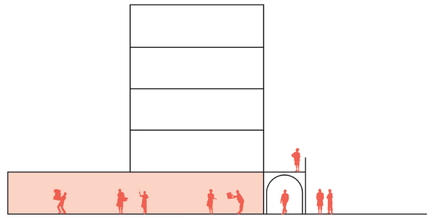
At the Highstreet there is a Arabic thee house where they like to meet.

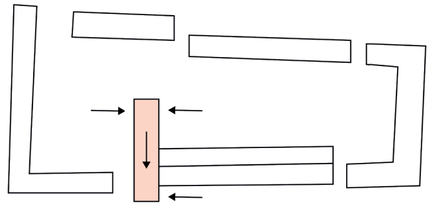


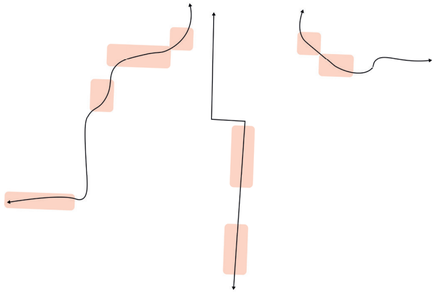
THE DESIGN

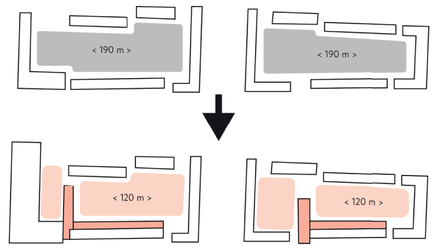
- Diverse public space
- Active plinth
- Connecting community centre
- Informal network
- Smaller courtyards

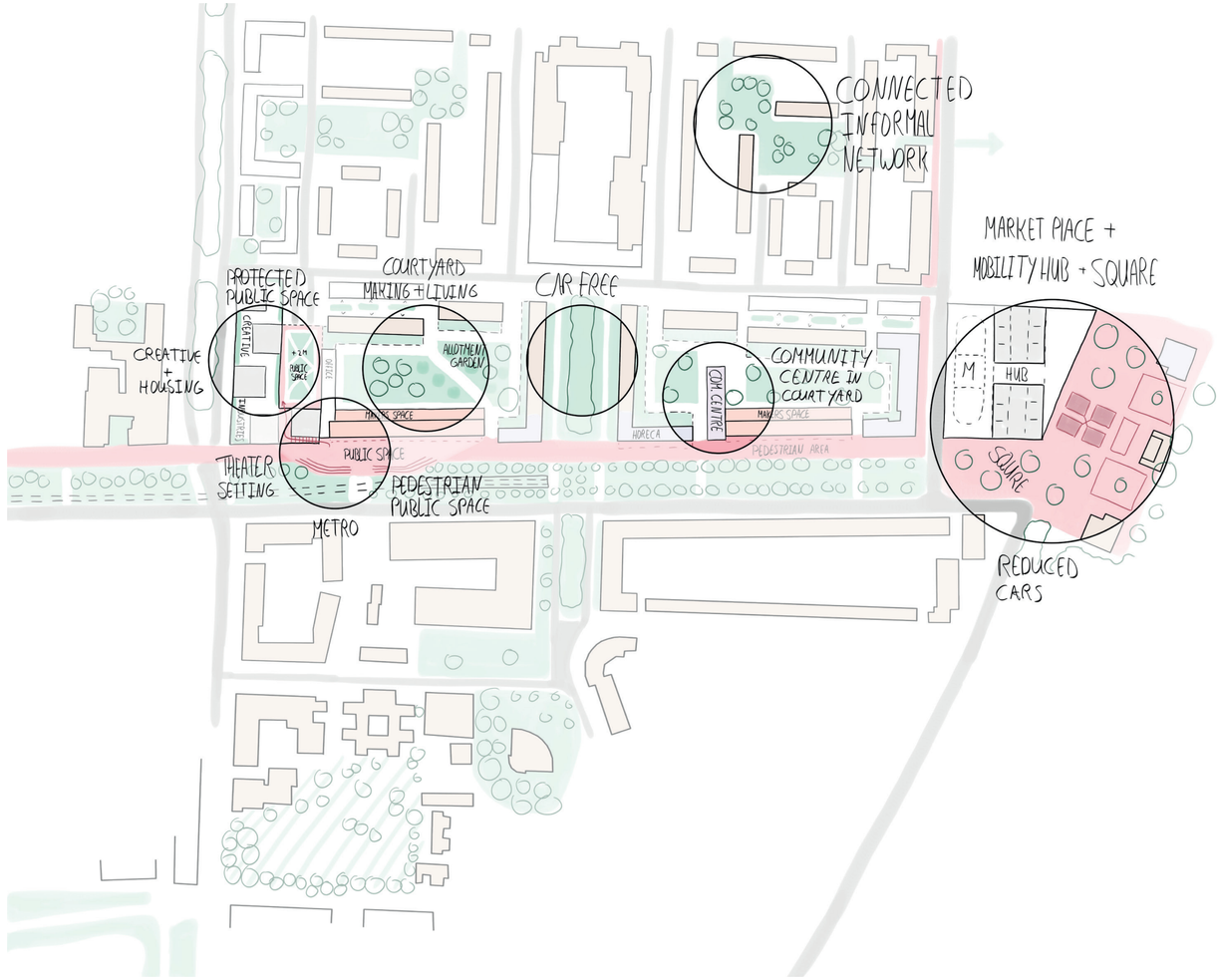






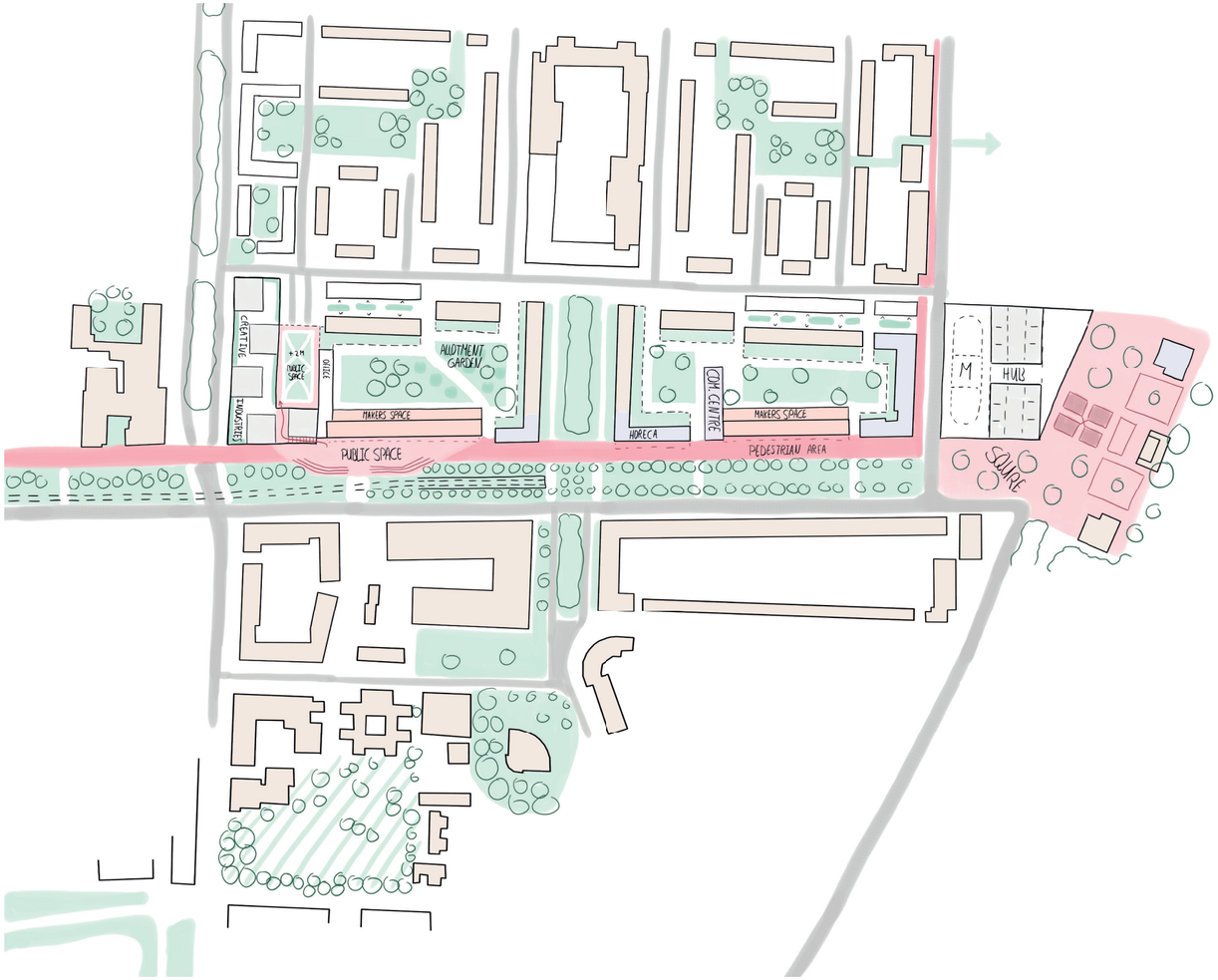






THE DESIGN

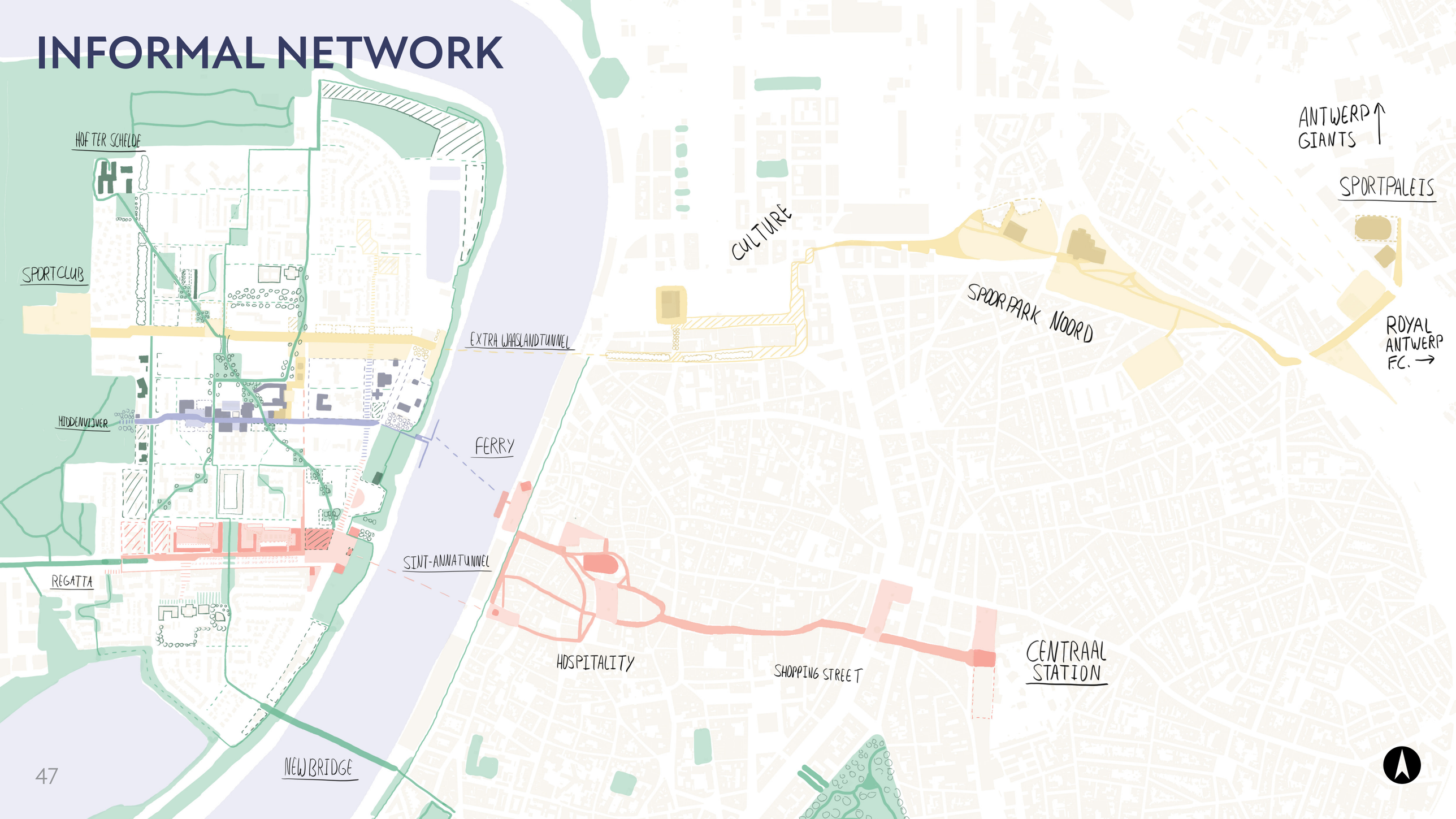

MAKERSPACCE


CREATIVE
PUBLIC SPACE
ALLOTMENT GARDEN
MAKERS SPACE
COM. CENTRE
HORECA
MAKERS SPACE
PUBLIC SPACE
PEDESTRIAN AREA
M
HUB
SQUARE

SYNERGY AXES



INFORMAL NETWORK



PROUD LINKEROEVER

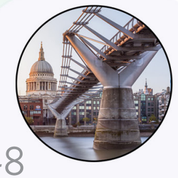

















SPORT MUSEUM

MARITIME CAMPUS

MAS

RIVER FRONT

HET STEEN

MOBILITY HUB

CATHEDRAL

ICONIC BRIDGE

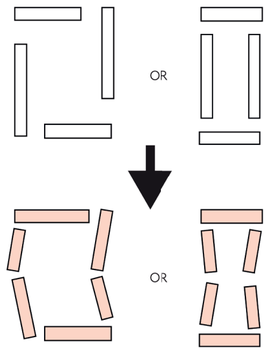
CENTRAL STATION

INTEGRATED DESIGN

CHOOSE YOUR FUTURE

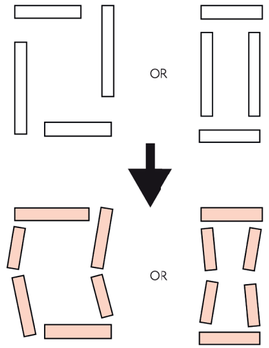


CHOOSE YOUR FUTURE

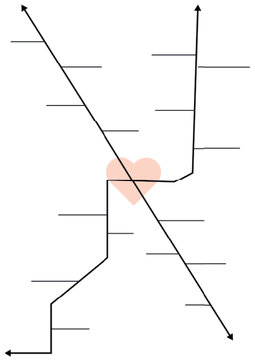


Continuity between
old and new

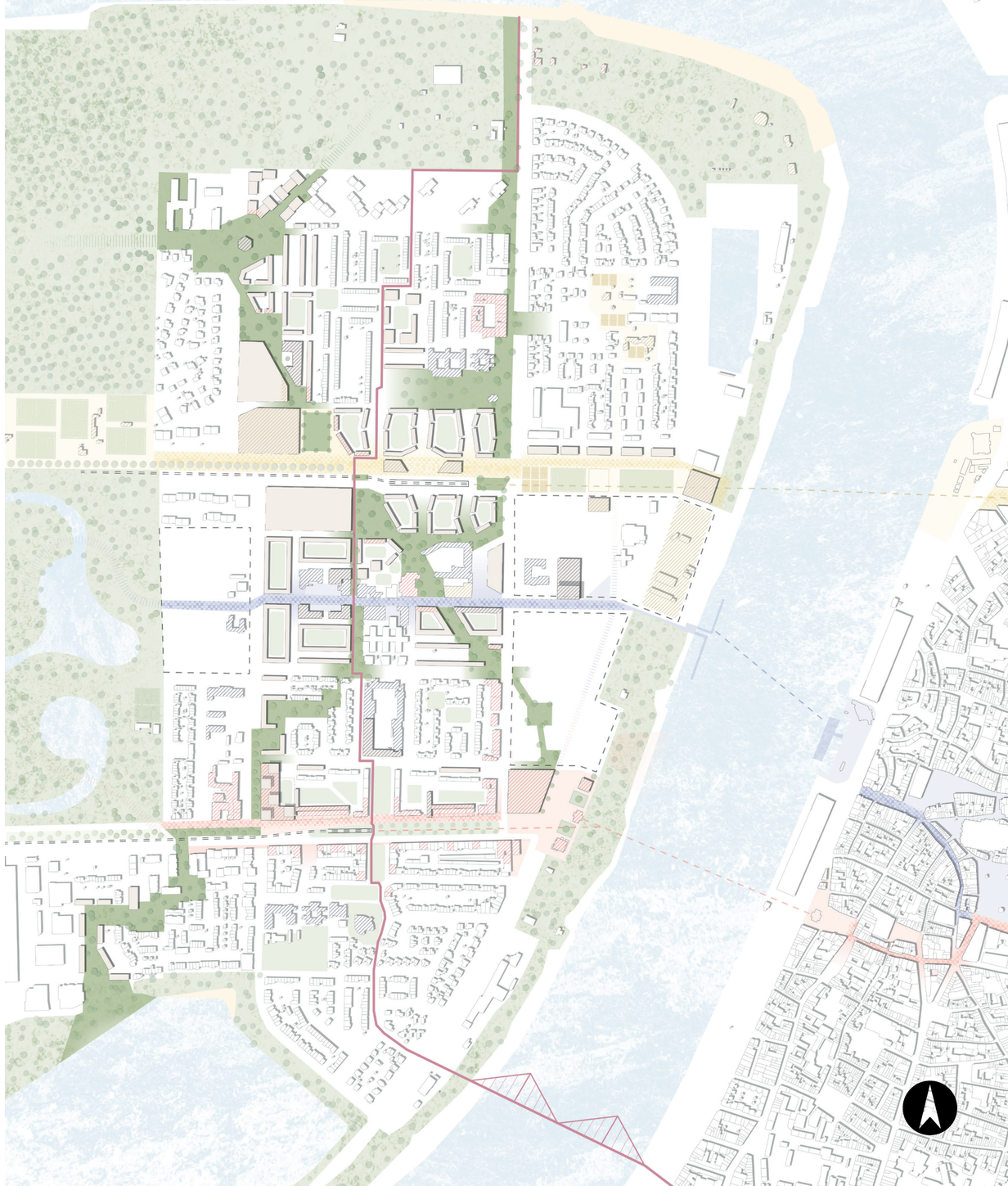
CHOOSE YOUR FUTURE



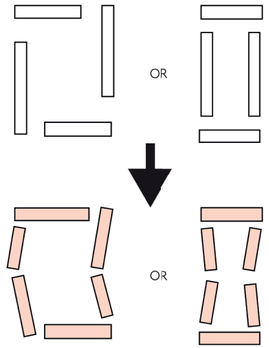
Continuity between
old and new



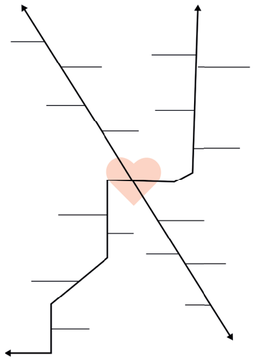
Landscape diagonals
bring together



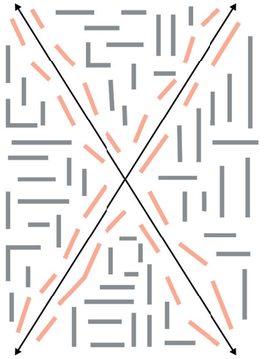
CHOOSE YOUR FUTURE



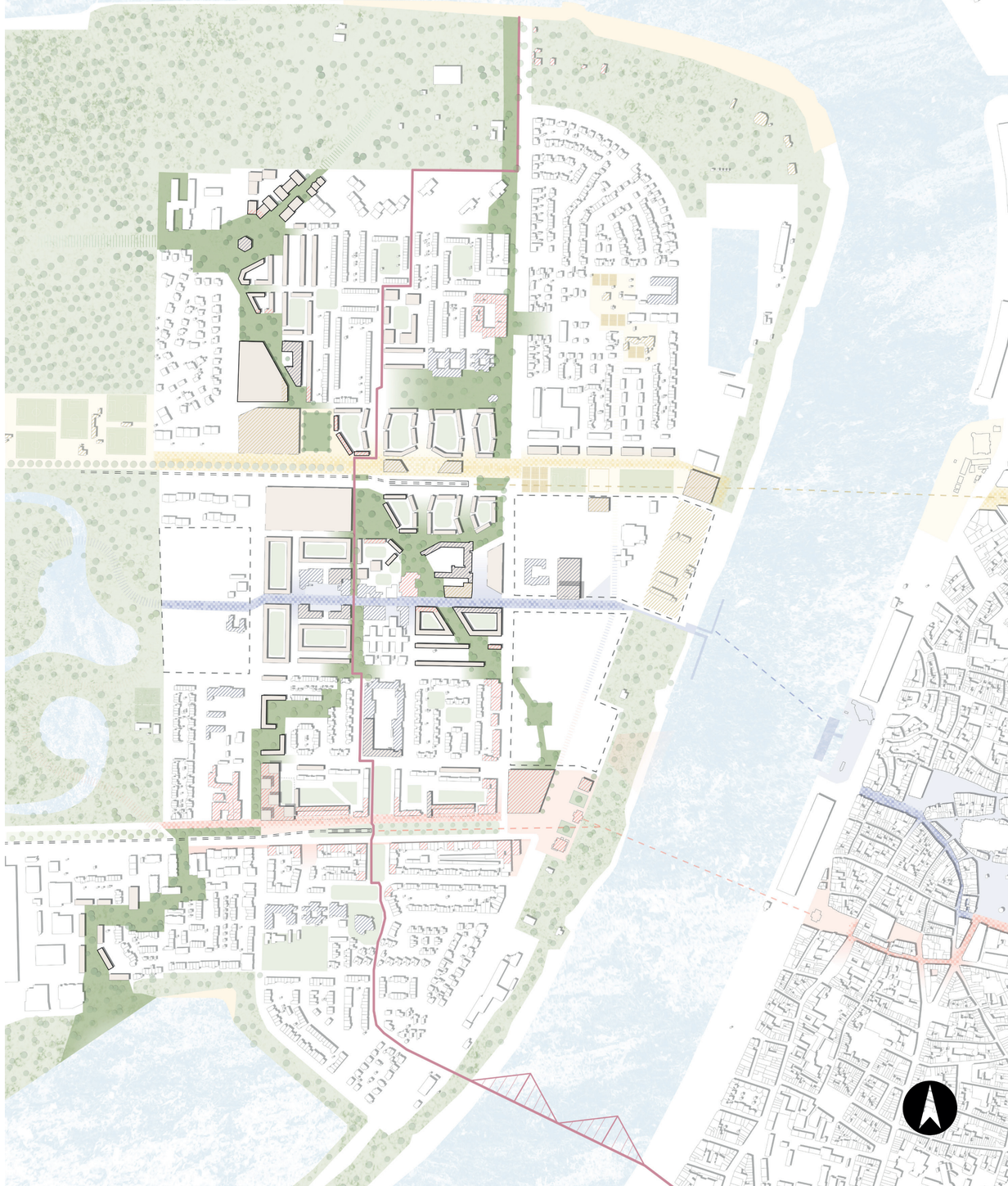
Continuity between
old and new



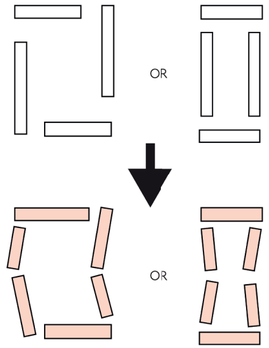
Landscape diagonals
bring together



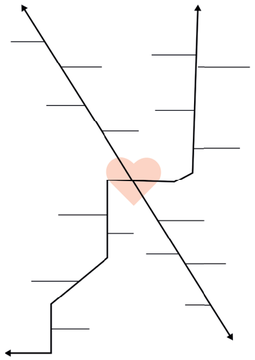
Asymmetry and surprise
in urban fabric



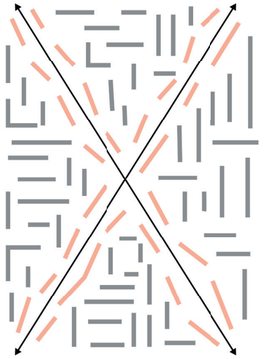
CHOOSE YOUR FUTURE



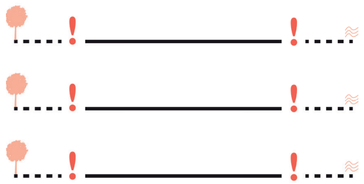
Continuity between
old and new



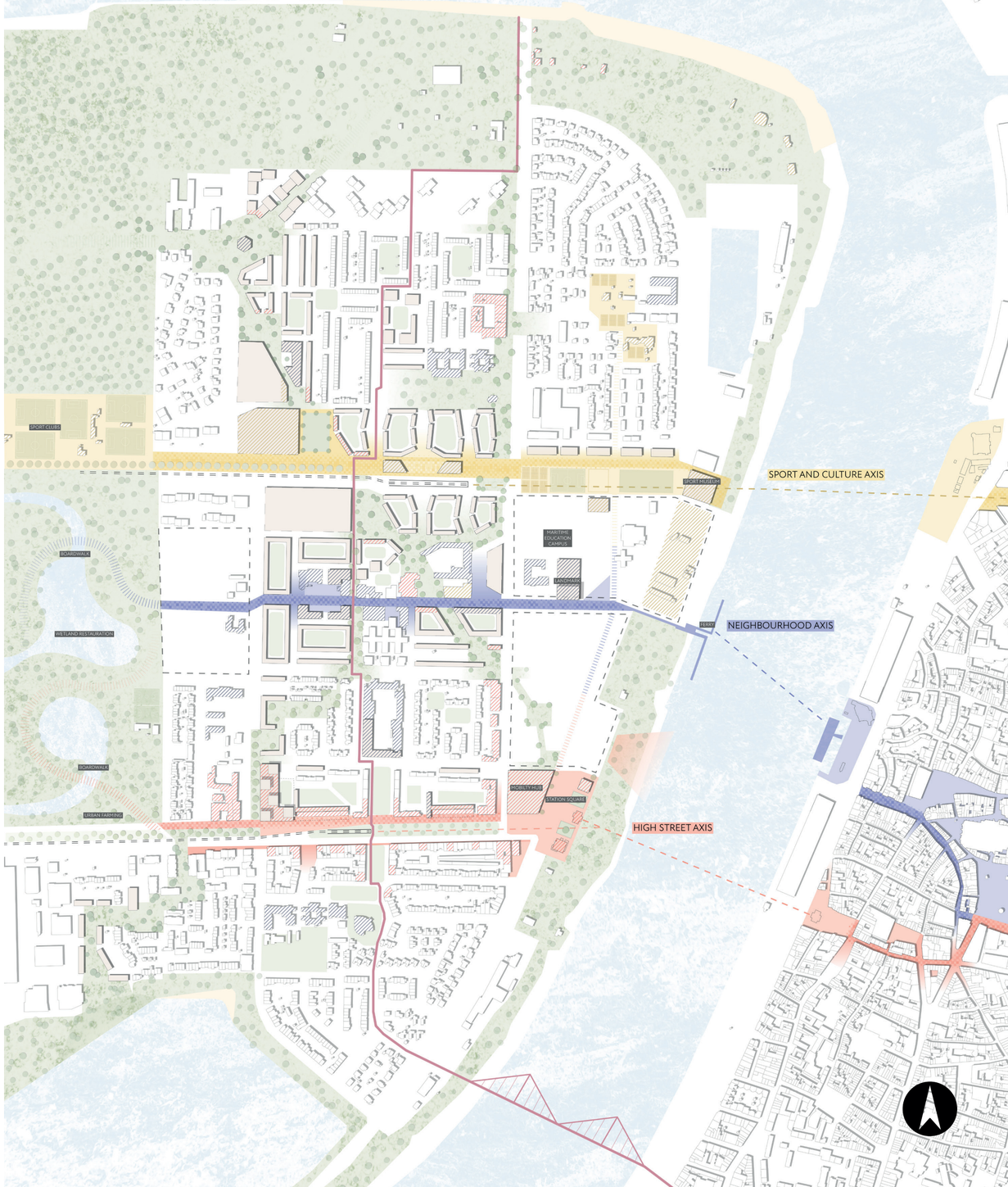
Landscape diagonals
bring together



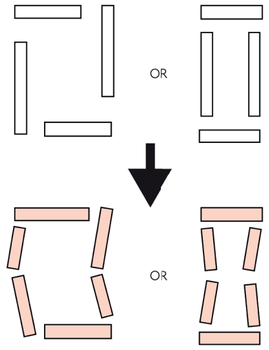
Asymmetry and surprise
in urban fabric



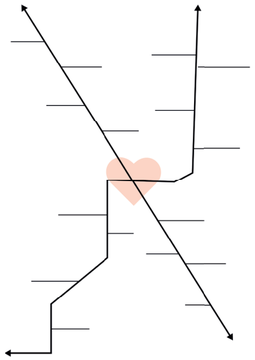
Axes with a special
end and start



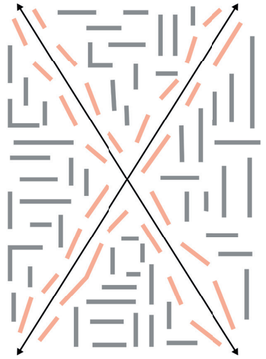
CHOOSE YOUR FUTURE



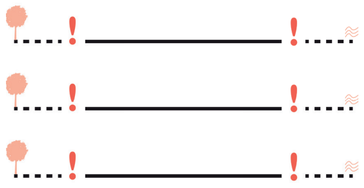
Continuity between old and new



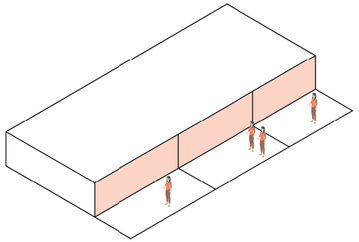
Landscape diagonals bring together



Asymmetry and surprise in urban fabric



Axes with a special end and start



Active plinths




BOARDWALK
WETLAND RESTAURATION
KORFBAL
SCHOOL
SQUARE
ALLOTMENT GARDENS
GYM
DANCE
COMMUNITY CENTRE
LIBRARY
THRIFT SHOP
HORECA
COMMUNITY
AMENITIES
ALLOTMENT GARDENS
CHILD CARE
RESTAURANT
SCHOOL
SPORTS HALL
SPORT FIELDS
MARITIME EDUCATION CAMPUS
YOUTH CLUB
LANDMARK
SPORT MUSEUM
PROFESSIONAL CAMPUS
CREATIVE HUB
CREATIVE HUB
WORKSHOPS
HORECA
WORKSHOPS
HORECA
MOBILITY HUB
STATION SQUARE
ALLOTMENT GARDENS
VIEWPOINT
FERRY
NEIGBOUR

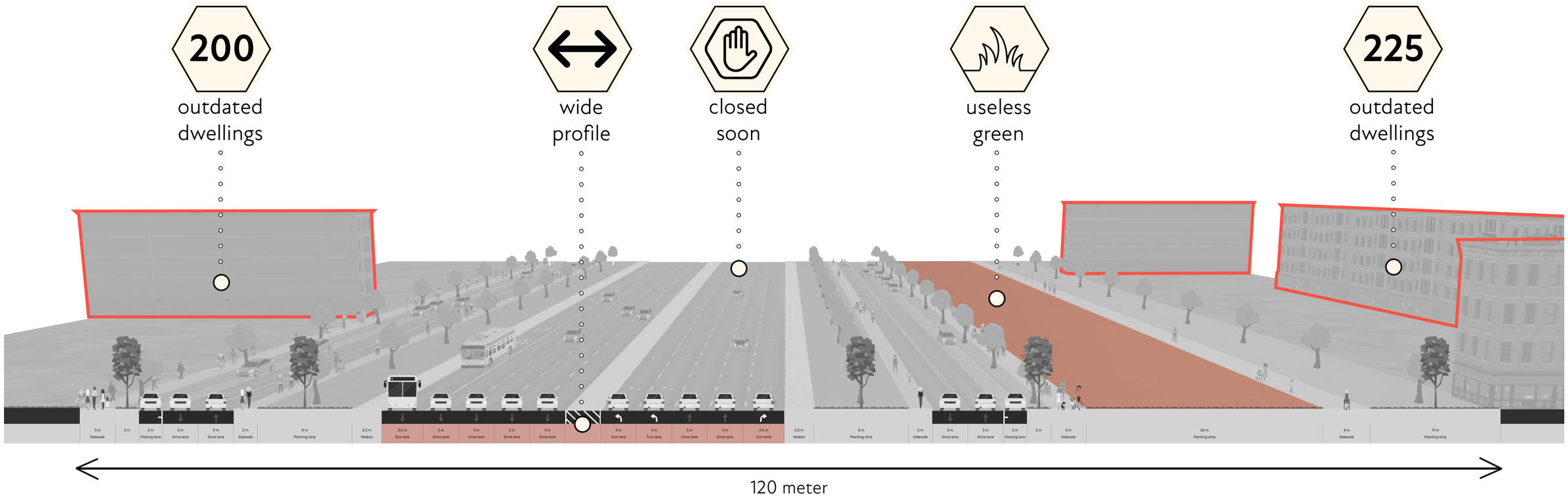

BOARDWALK
WETLAND RESTAURATION
KORFBAL
SCHOOL
SQUARE
ALLOTMENT GARDENS
GYM
DANCE
COMMUNITY CENTRE
LIBRARY
THRIFT SHOP
HORECA
COMMUNITY
AMENITIES
ALLOTMENT GARDENS
CHILD CARE
RESTAURANT
SCHOOL
SPORTS HALL
SPORT FIELDS
MARITIME EDUCATION CAMPUS
YOUTH CLUB
LANDMARK
SPORT MUSEUM
PROFESSIONAL CAMPUS
CREATIVE HUB
CREATIVE HUB
WORKSHOPS
HORECA
WORKSHOPS
HORECA
MOBILITY HUB
STATION SQUARE
ALLOTMENT GARDENS
VIEWPOINT
FERRY
NEIGBOUR


BOARDWALK
WETLAND RESTAURATION
KORFBAL
SCHOOL
SQUARE
ALLOTMENT GARDENS
GYM
DANCE
COMMUNITY CENTRE
LIBRARY
THRIFT SHOP
HORECA
COMMUNITY
AMENITIES
ALLOTMENT GARDENS
CHILD CARE
SCHOOL
SPORTS HALL
SPORT FIELDS
MARITIME EDUCATION CAMPUS
YOUTH CLUB
LANDMARK
SPORT MUSEUM
PROFESSIONAL CAMPUS
CREATIVE HUB
CREATIVE HUB
WORKSHOPS
HORECA
WORKSHOPS
HORECA
MOBILITY HUB
STATION SQUARE
ALLOTMENT GARDENS
VIEWPOINT
FERRY
NEIGBOUR

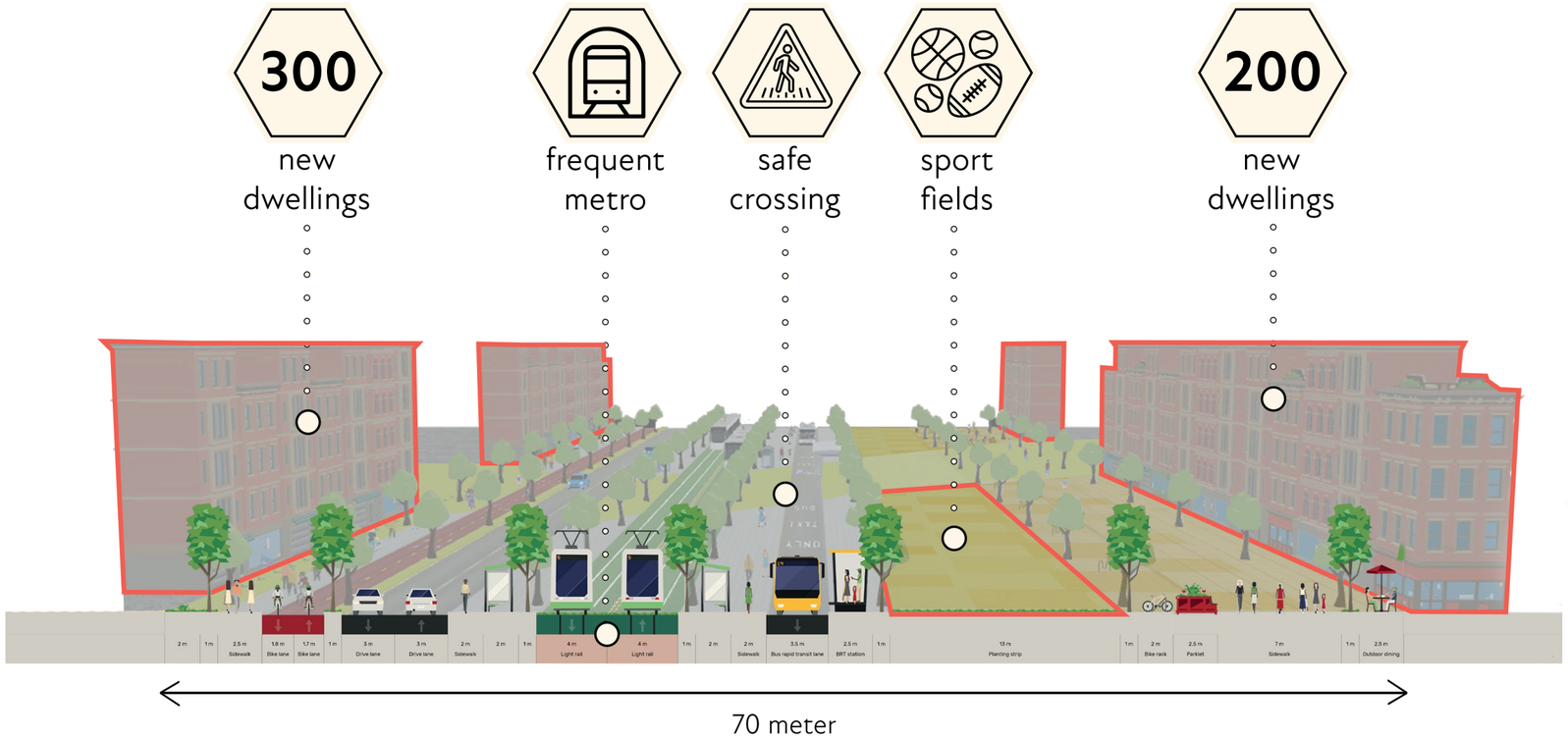
SPORT AND CULTURE AXIS



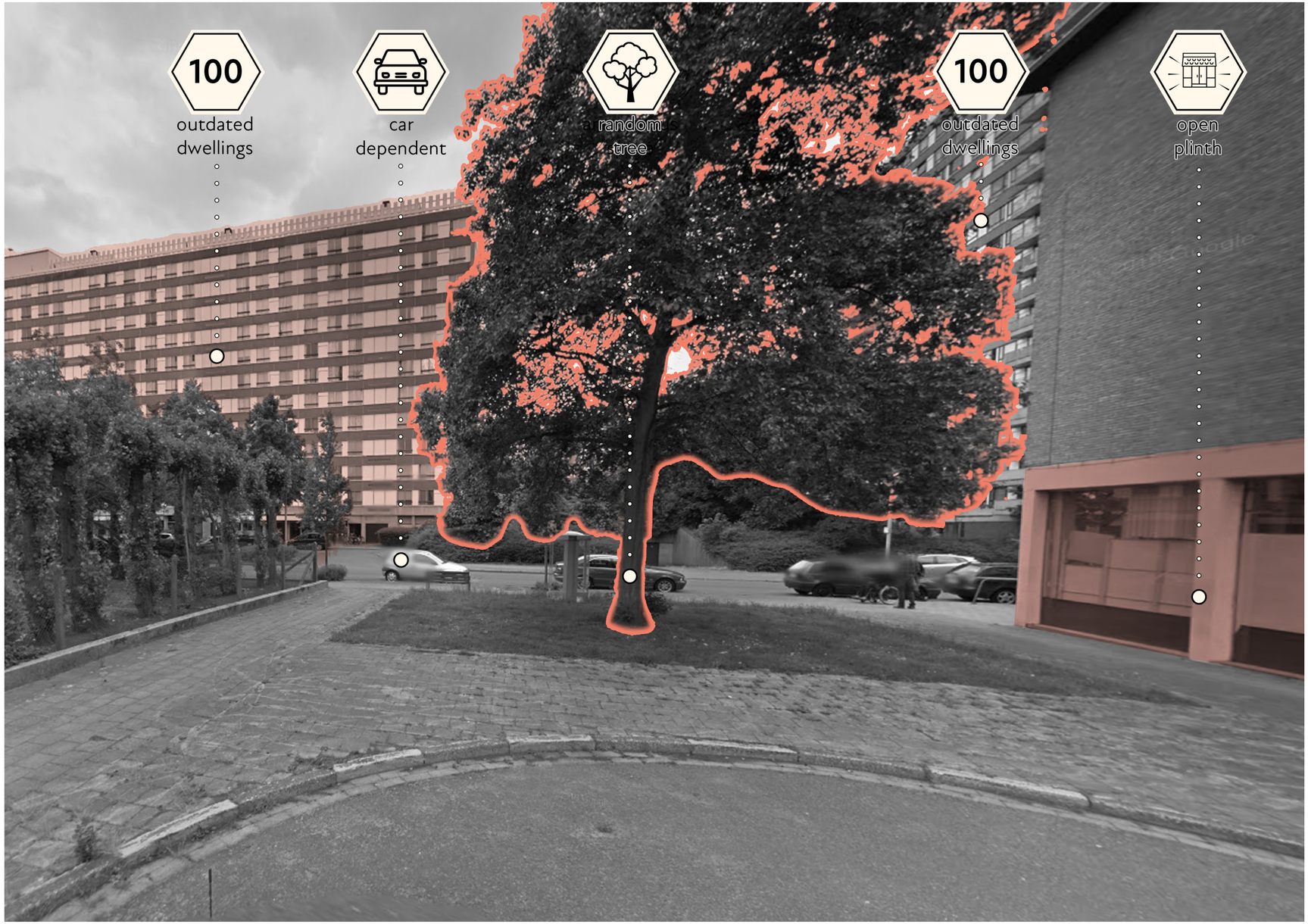
WIDE STREET PROFILE



HUMAN SCALE PROFILE



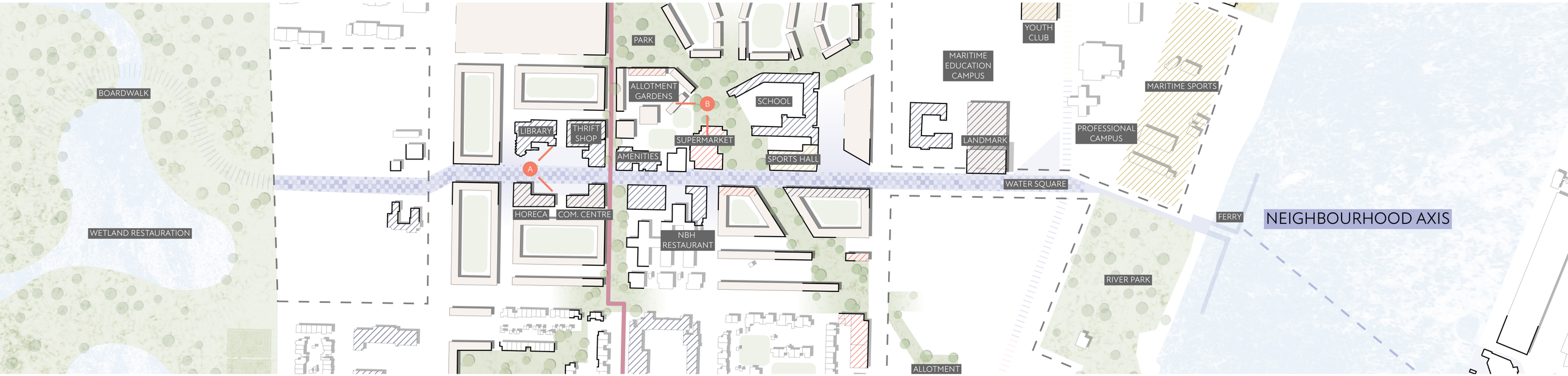
ANONYMOUS INTERSPACE



INFORMAL LANDSCAPE DIAGONAL



NEIGHBOURHOOD AXIS



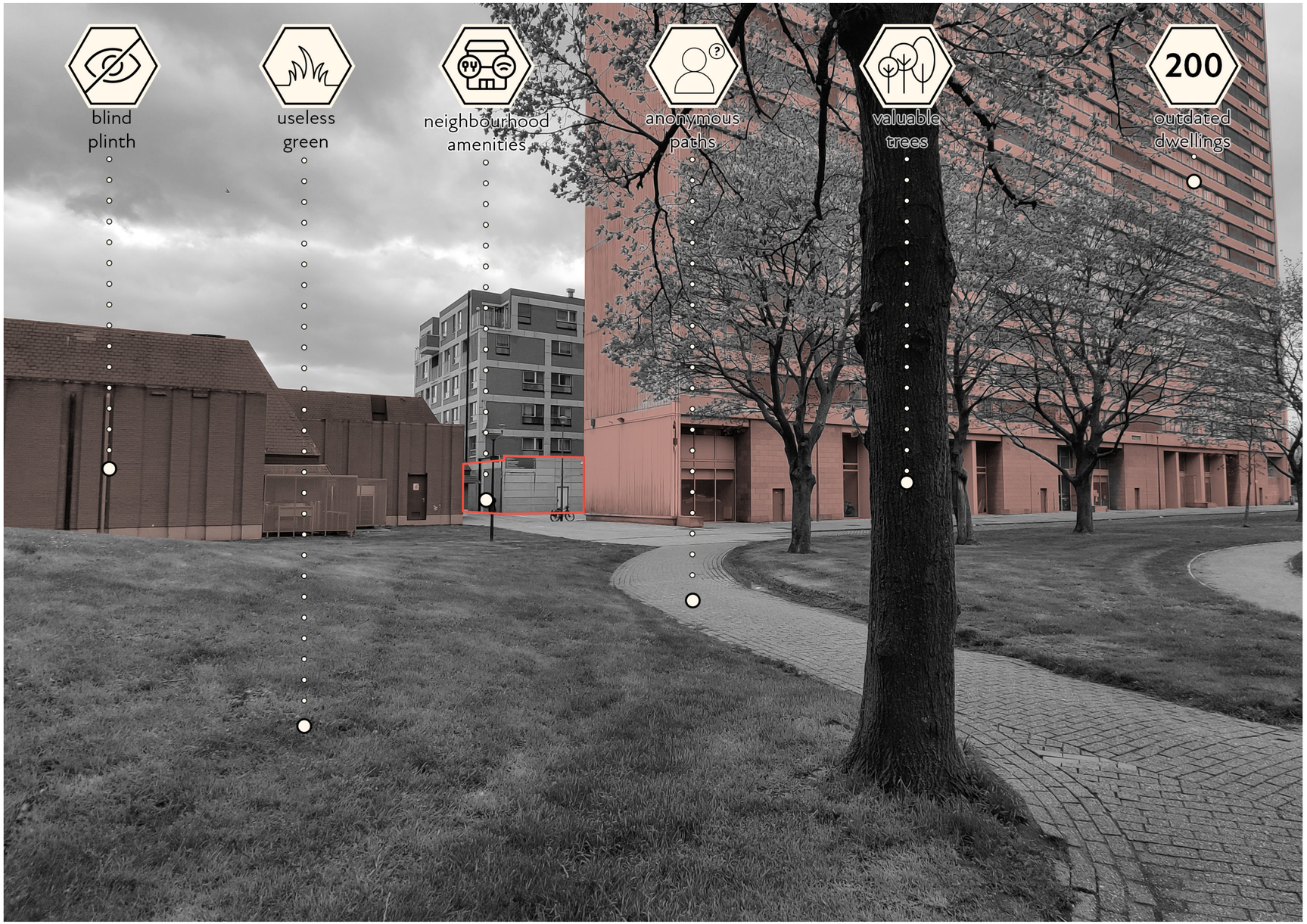
ANONYMOUS PUBLIC SPACE



ENCLOSED PUBLIC SPACE



UNPLEASANT LIVING ENVIRONMENT



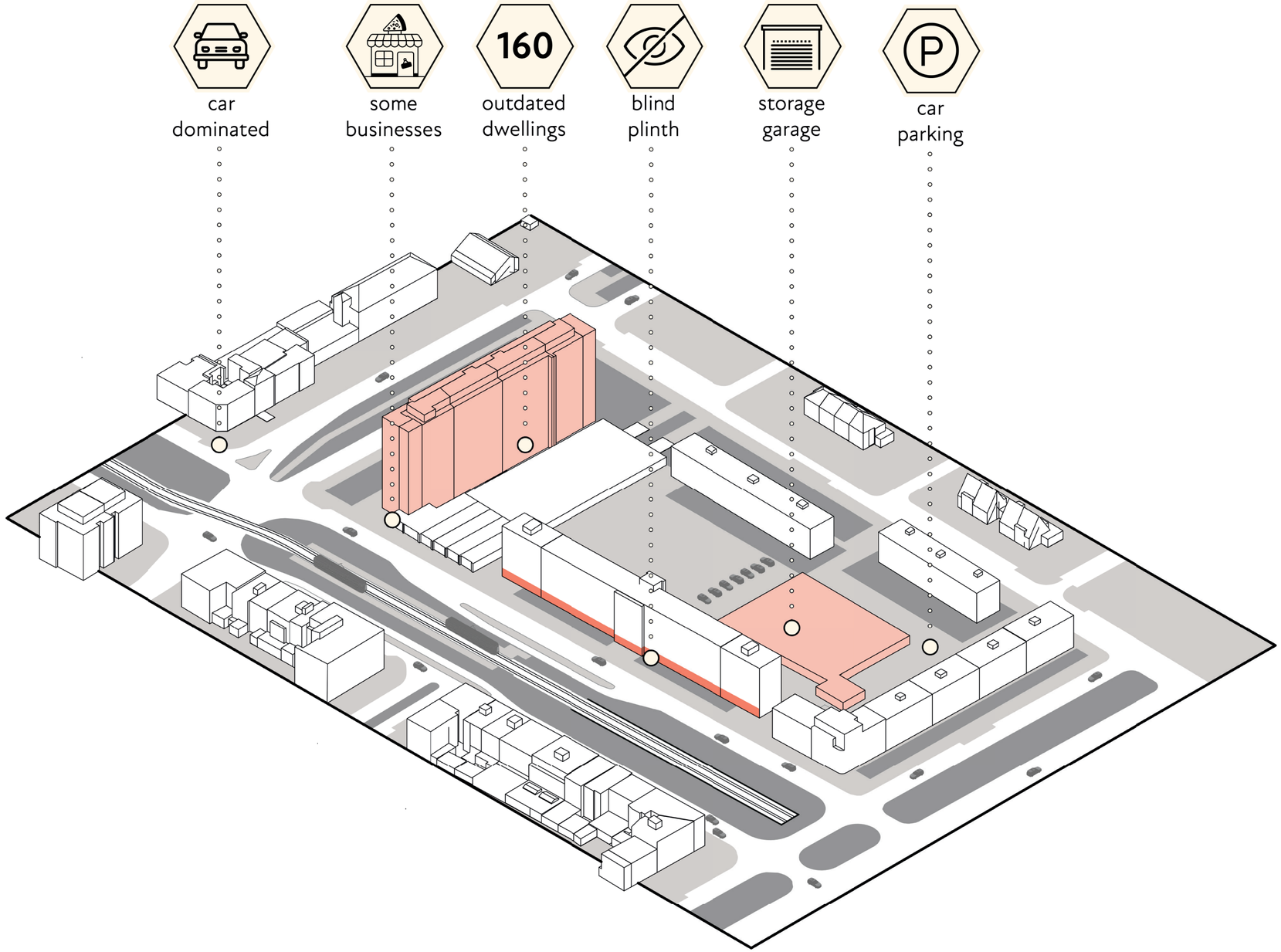
HAPPY HOME ENVIRONMENT



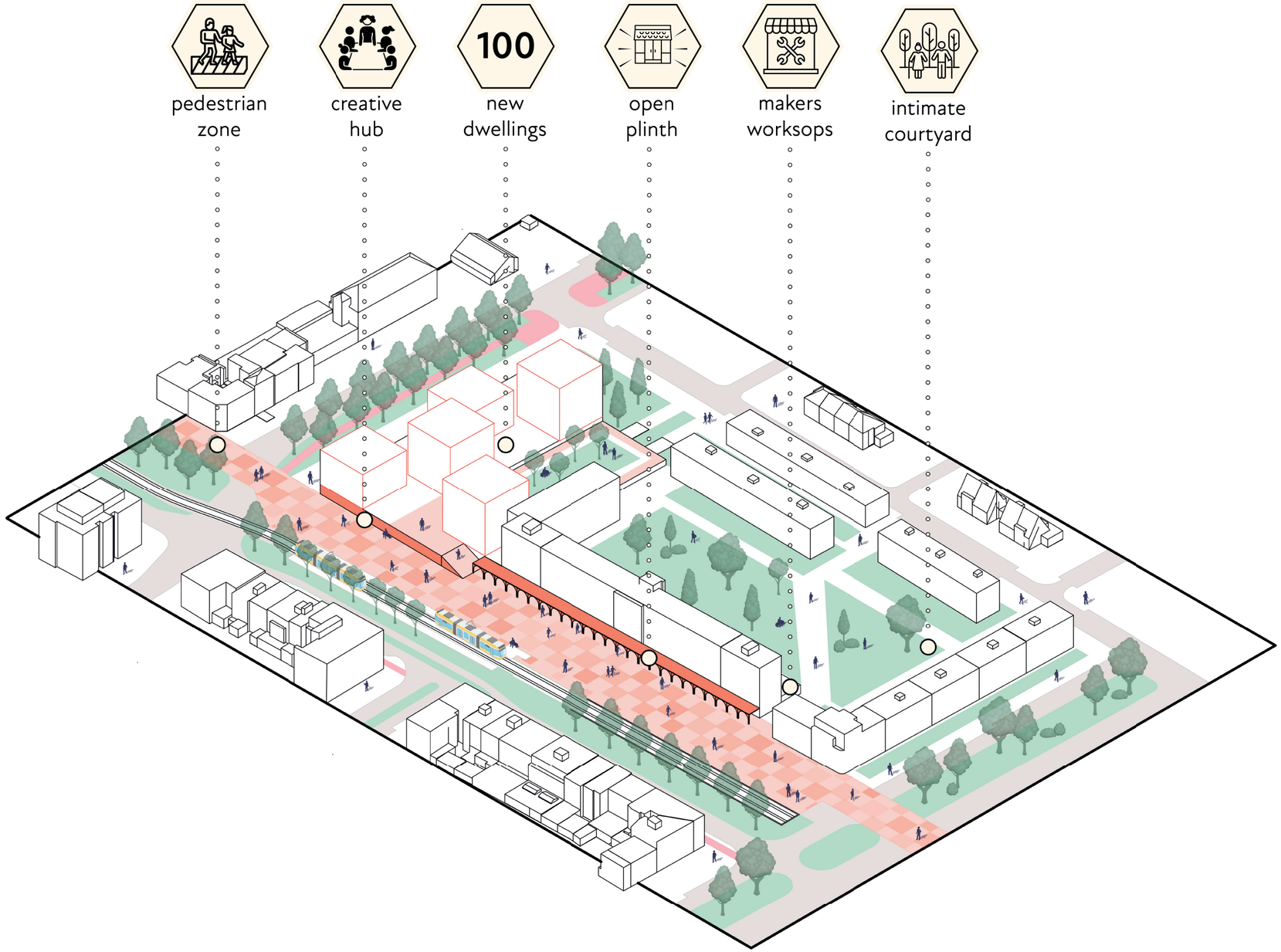
HIGH STREET AXIS



MONOTONOUS COURTYARD



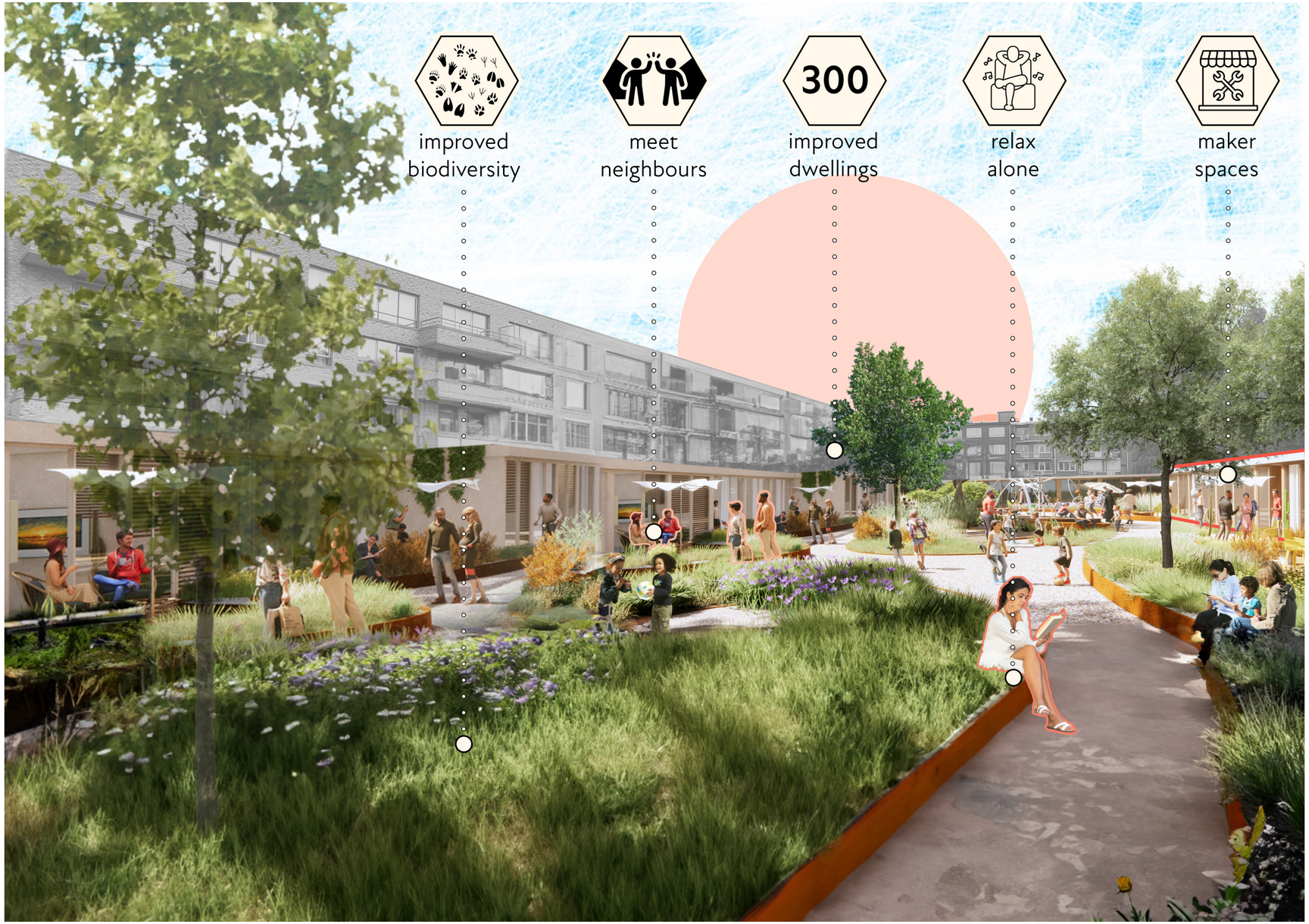
VIBRANT COURTYARD



COURTYARD FOR CARS



COURTYARD FOR PEOPLE



REFLECTION AND CONCLUSION

URBAN DESIGN DOES NOT CREATE SOCIAL COHESION AND COLLECTIVE DEVELOPMENT, IT CAN JUST FACILITATE OR COMPLICATE IT

COUNTERING URBAN LONELINESS



- 52% contribution
- Individual response
- Big impact
- Modernism and high-rise

CONCLUSION

