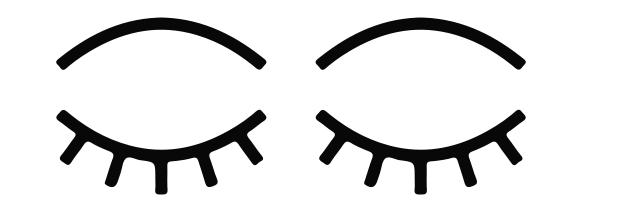
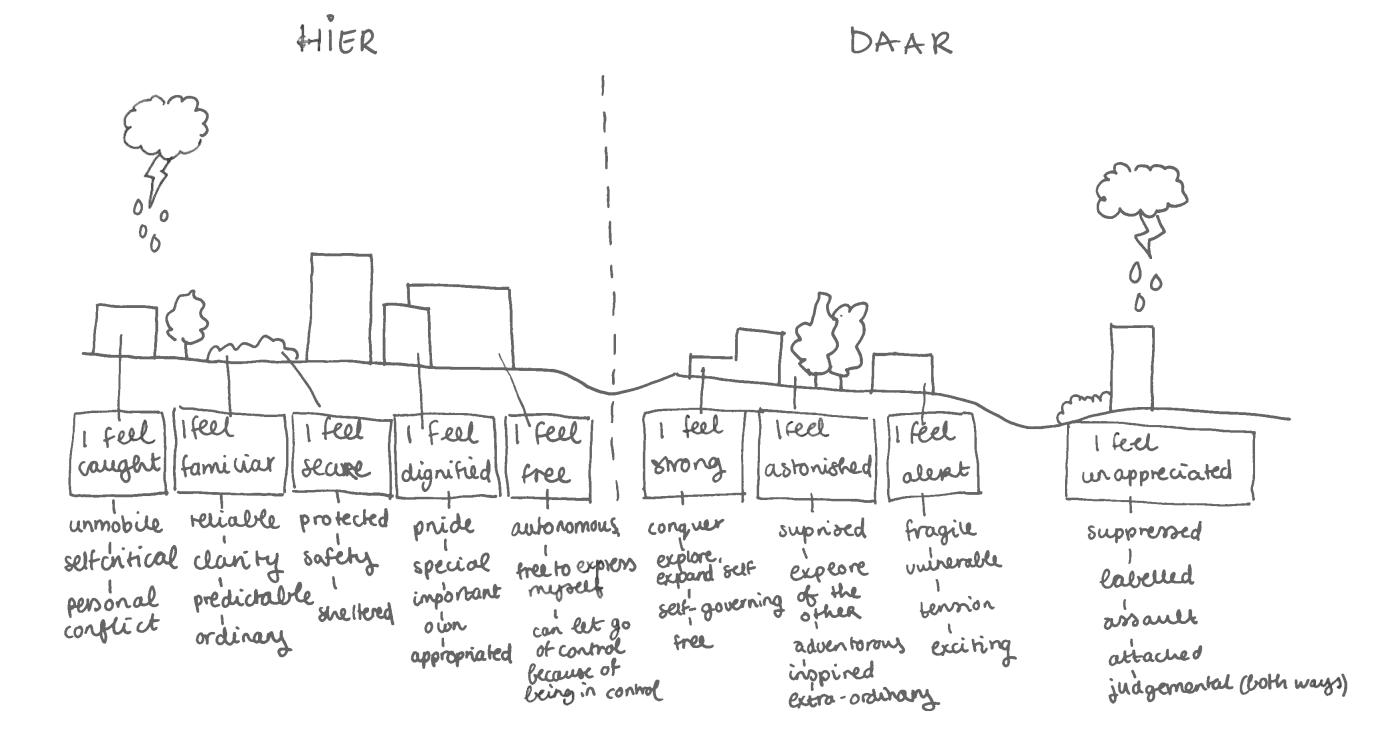


Hier en Daar - An exploration of the potential of <u>urban design processes</u> to <u>foster</u> <u>connectivity</u> for urban areas with a high level of <u>residential diversity</u>



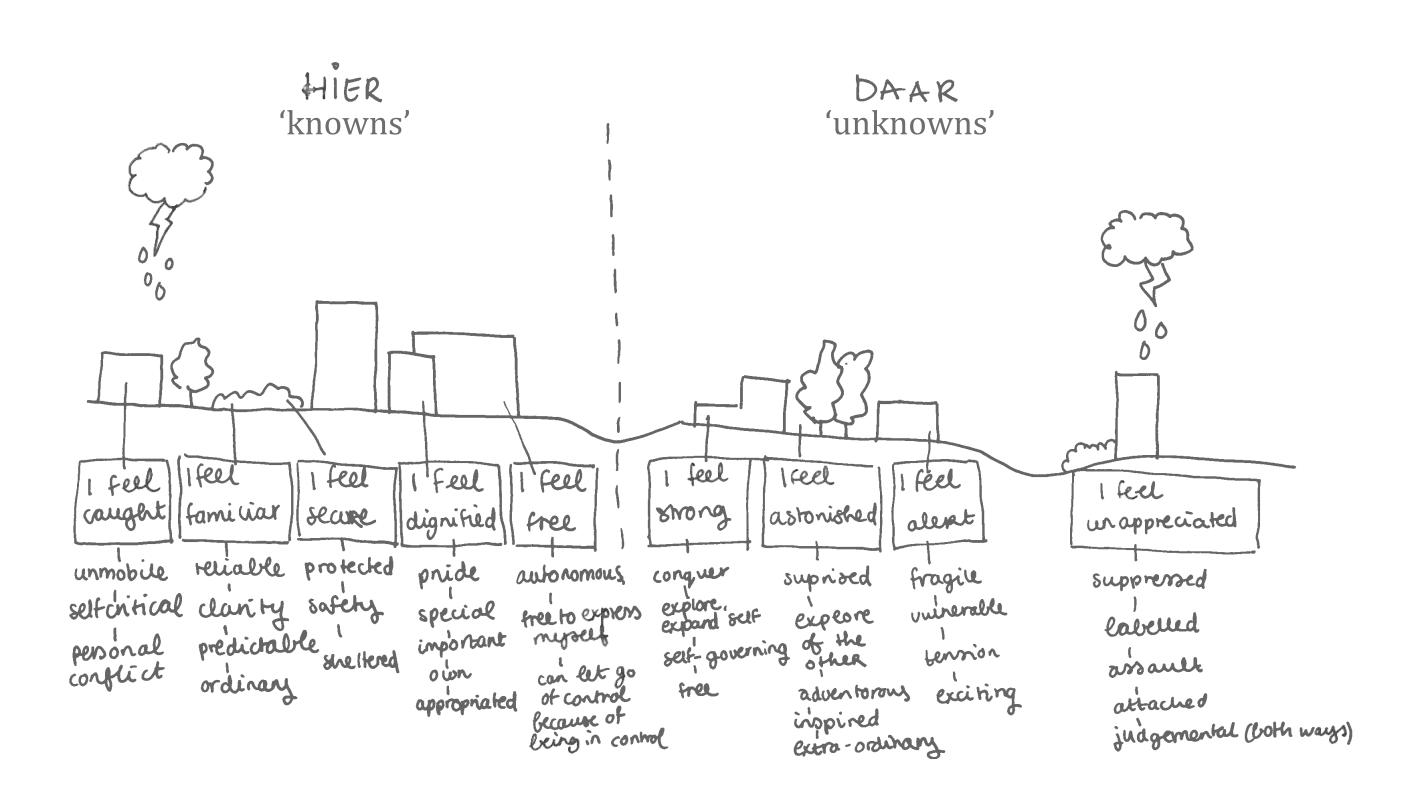
AAAd

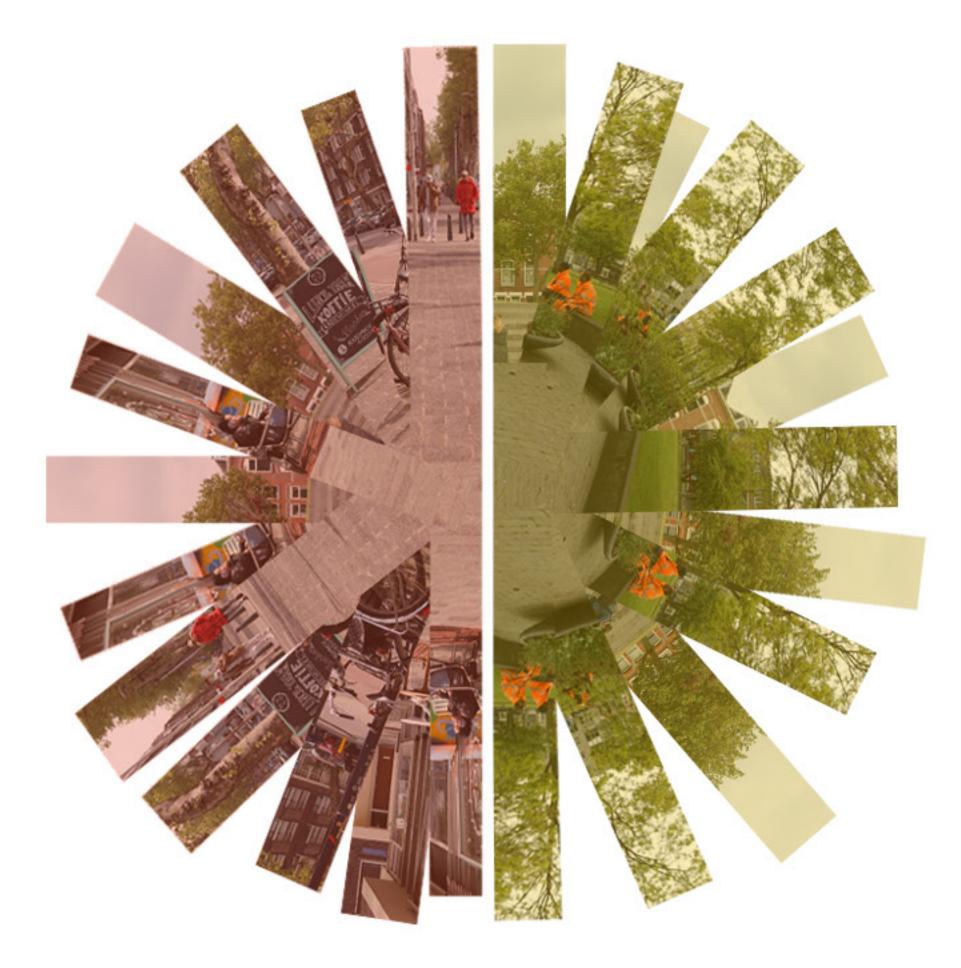






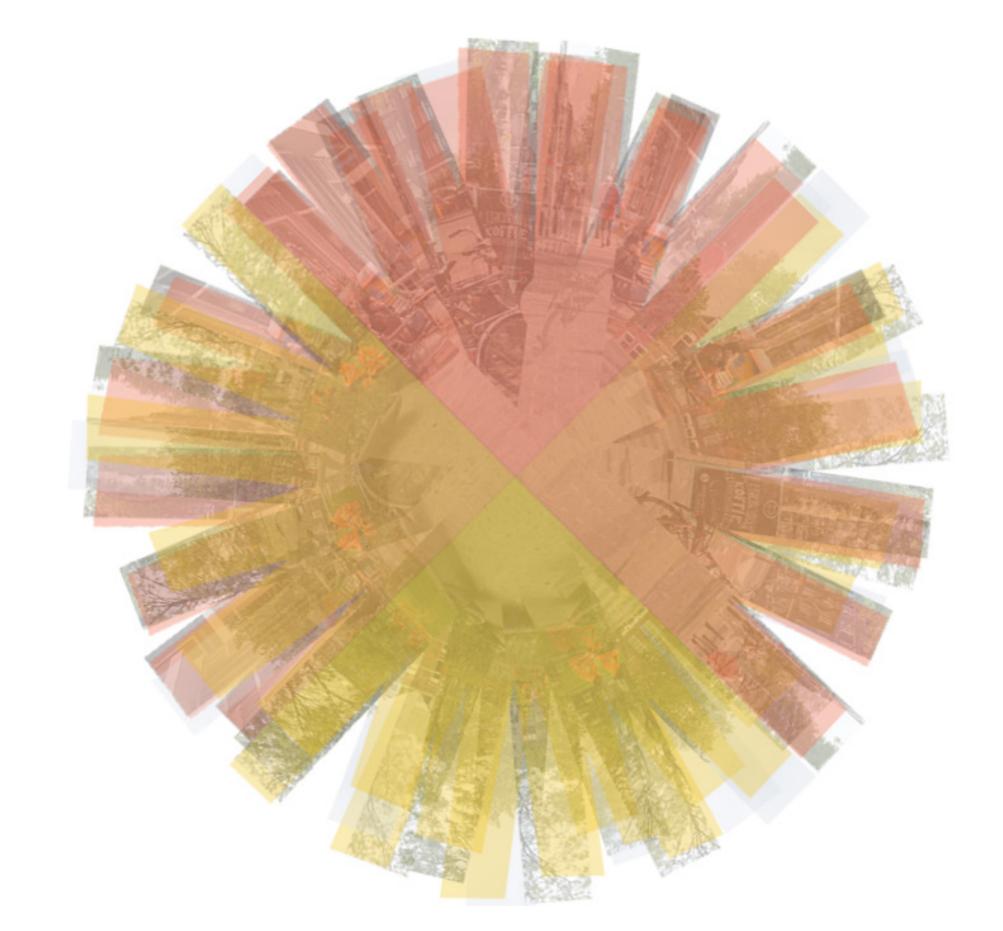
Connectivity in residential diversity





MUTUAL UNDERSTANDING | POLARIZATION How do we want to live together in diverse society?

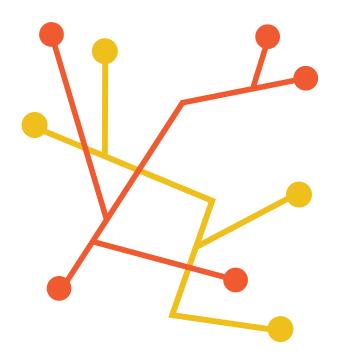
(SCP & WRR, 2014)



"TRAINING FOR LIVING TOGETHER, IS LIVING TOGETHER"

(Sorkin as cited in Talen, 2008)

Capacity of Space?

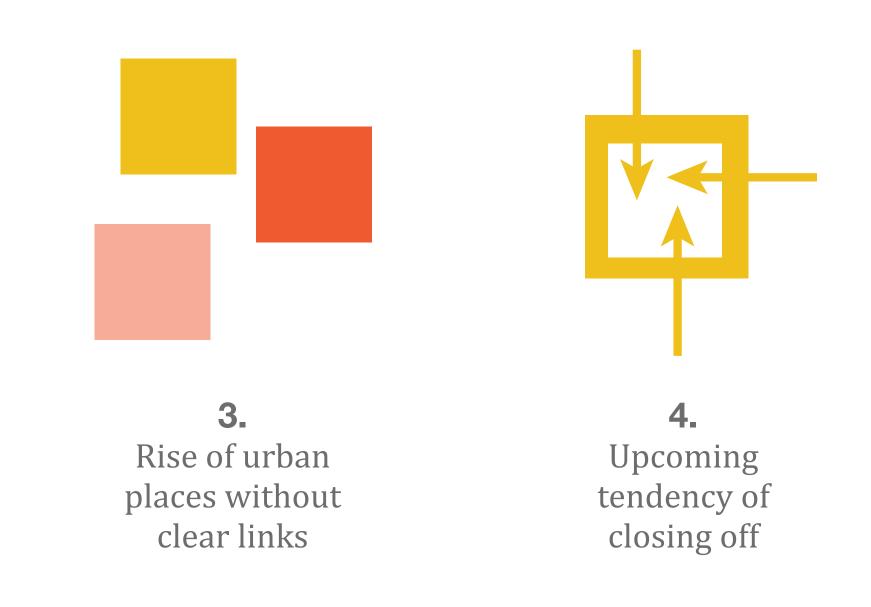




1. Increase homogeneous networks **2.** Erosion of institutions

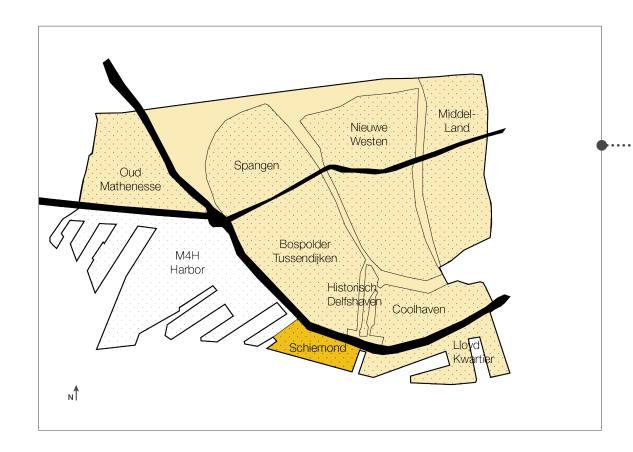
CAPACITY OF SPACE

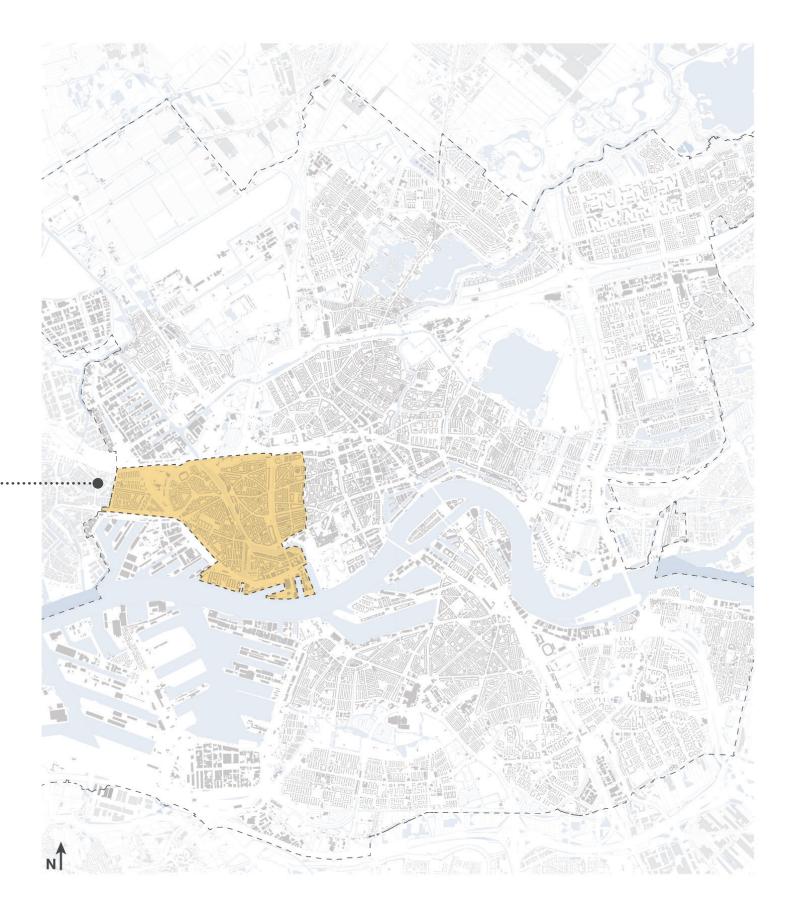
(SCP & WRR, 2014; WRR, 2018; Hajer & Reijndorp, 2001)





Can we be **connected** within this **diversity** in **space**?





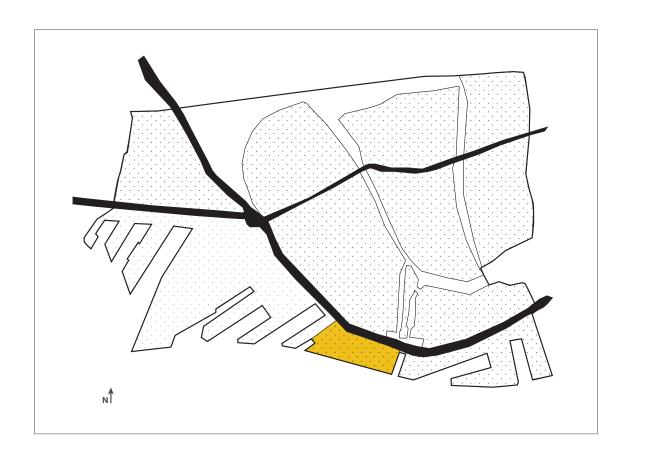


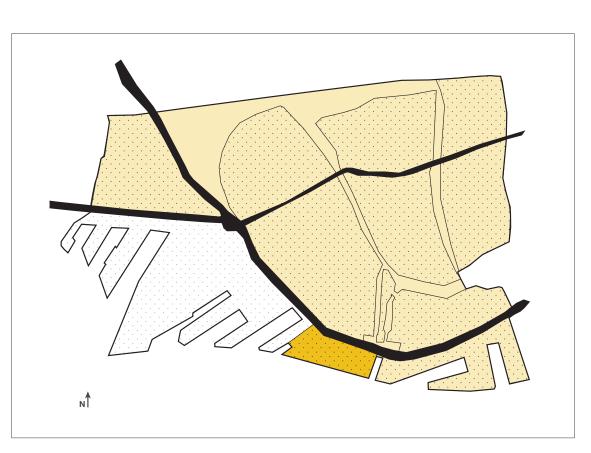




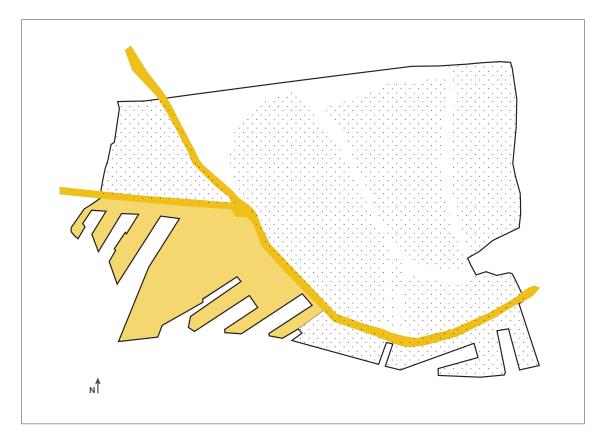
2 schools vocational education (*mbo*)

'Lloyd Kwartier'



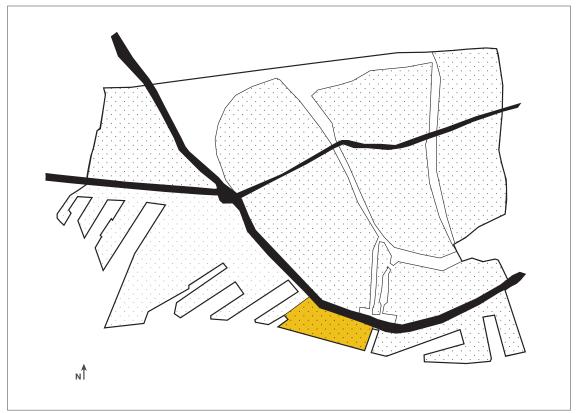


Α



Β

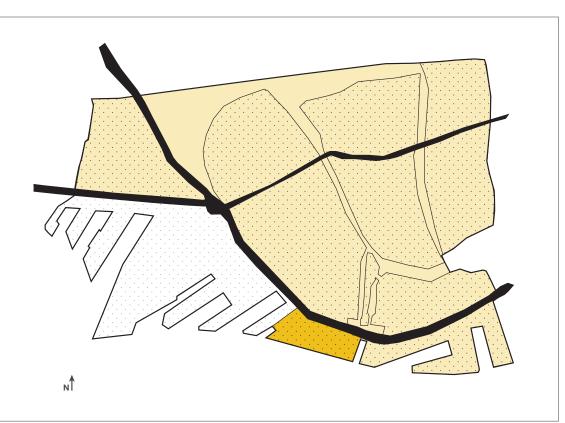
С







Α Disconnection between citizens within Schiemond

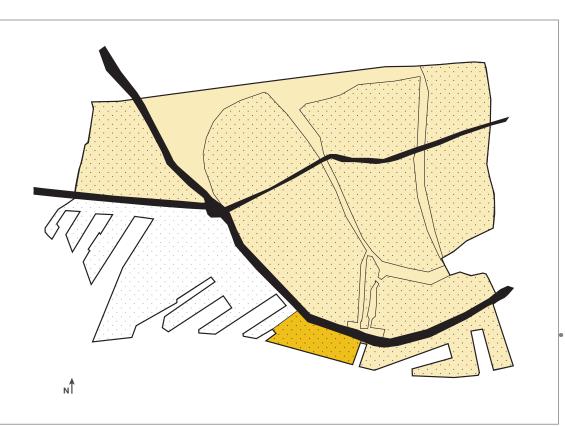






Β Disconnection between surrounding areas

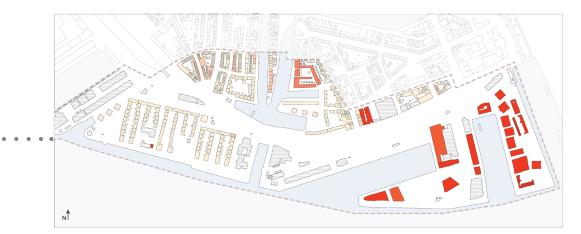








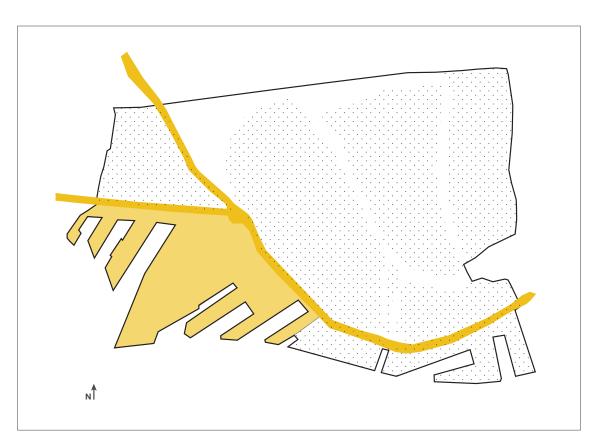
.

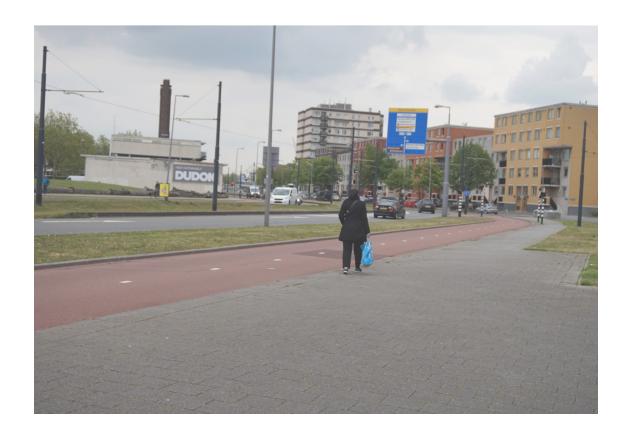


low - below average below average - average average - above average above average above average - high high unknown / non-resident

Β Disconnection between surrounding areas

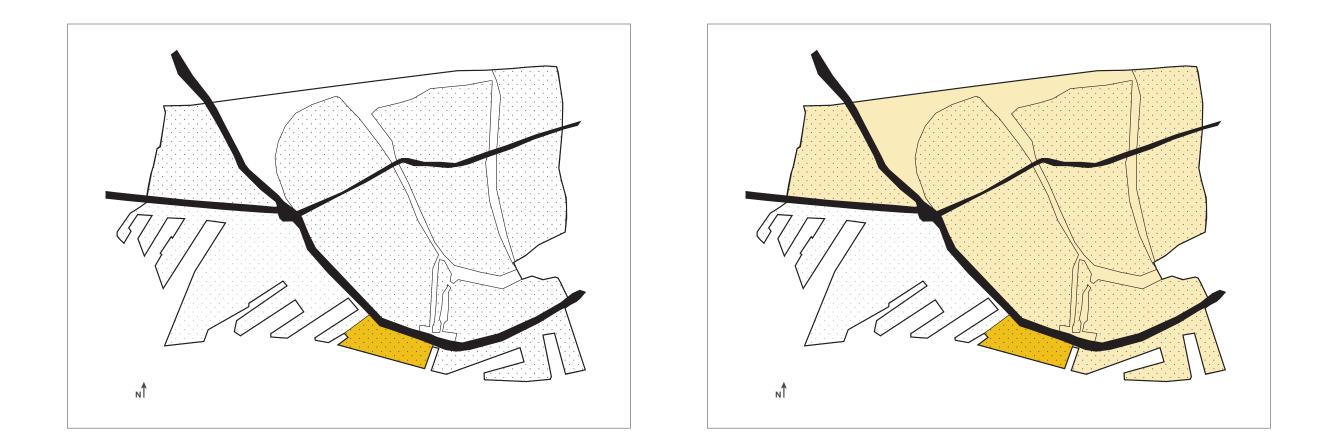






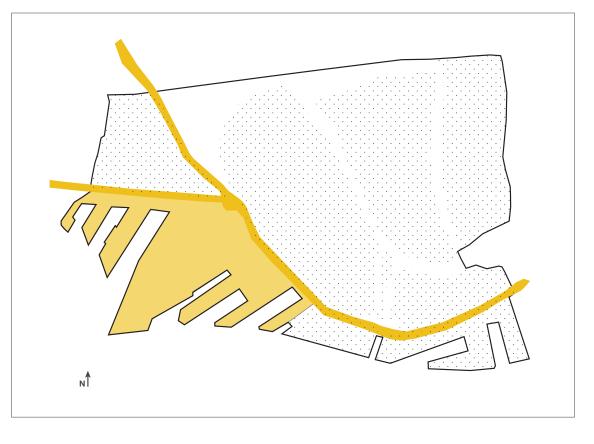
С Disconnection as a disintegration in the urban fabric





Α Disconnection between citizens within Schiemond

Broad definition of connectivity



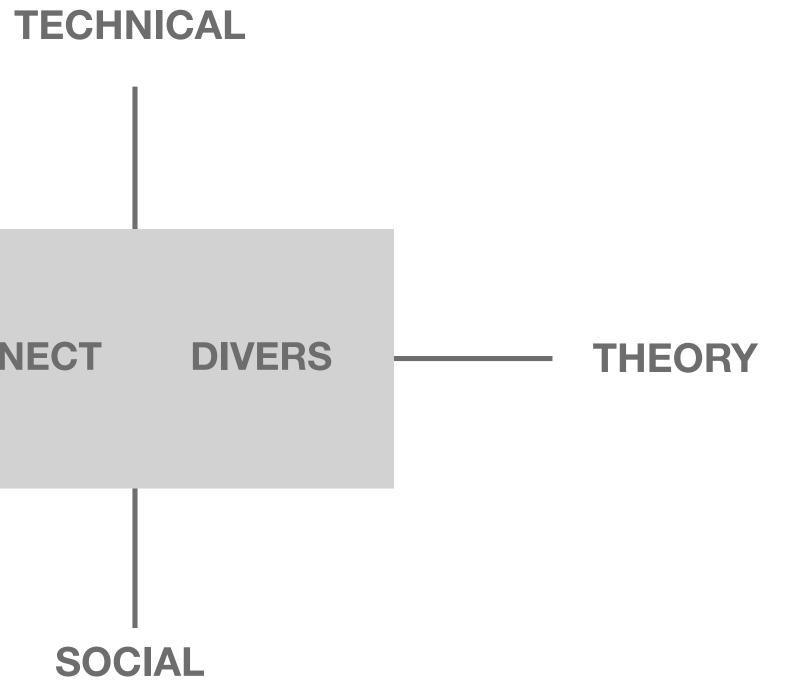
Β Disconnection between surrounding areas

С Disconnection as a disintegration in the urban fabric



PRACTICE

CONNECT

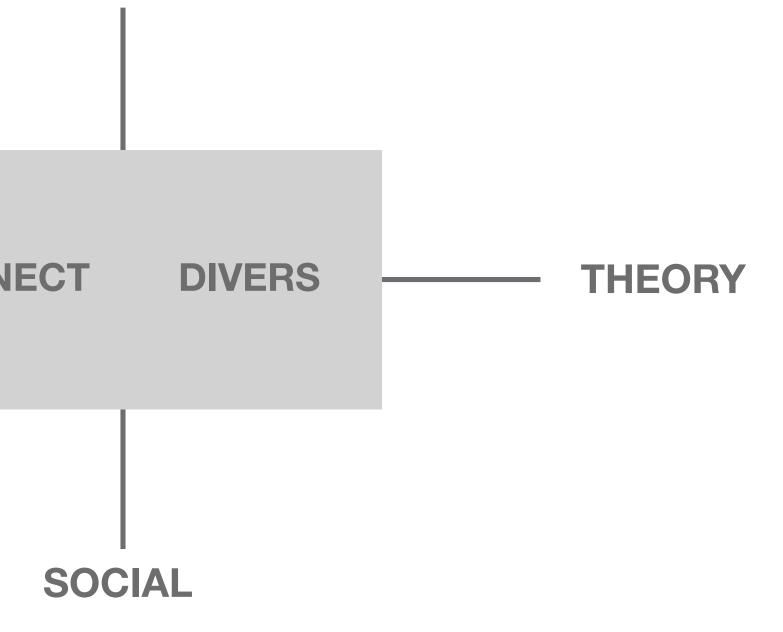








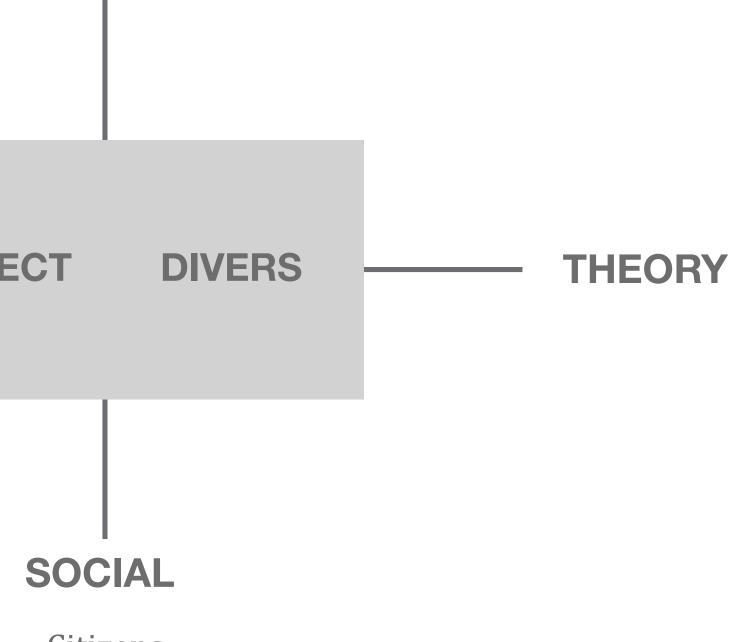












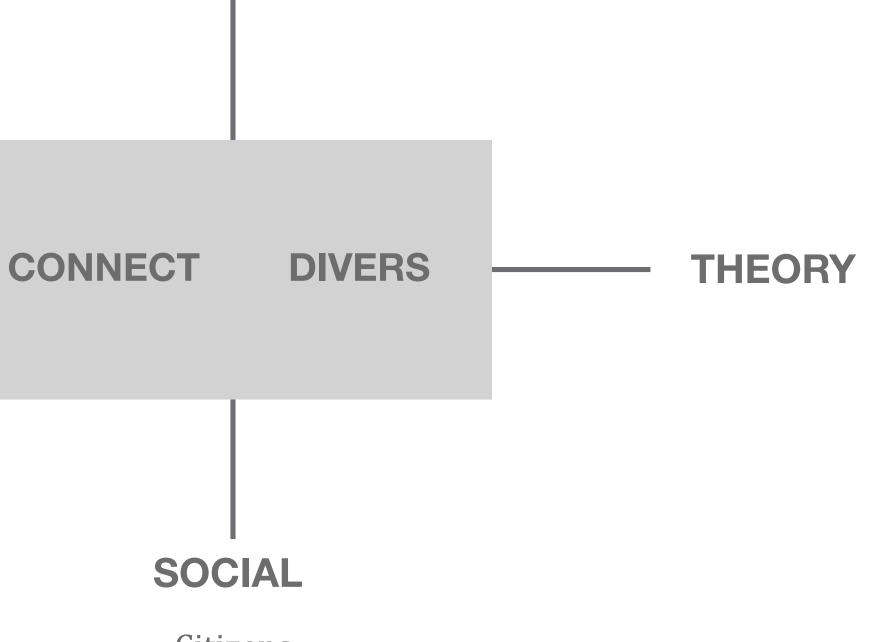
Citizens Social cohesion

PRACTICE

Public space Places to meet







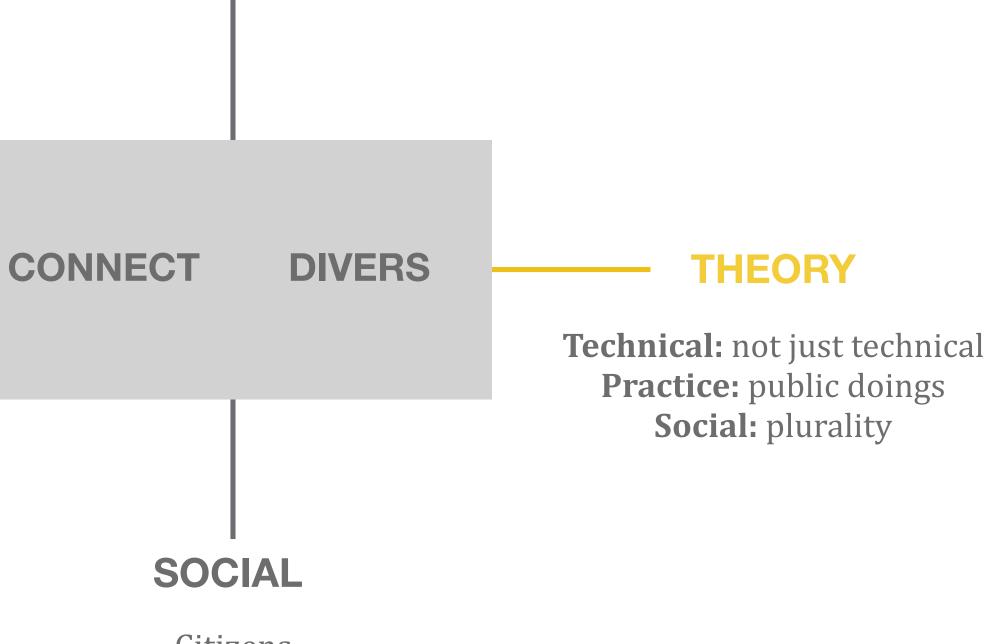
Citizens Social cohesion

PRACTICE

Public space Places to meet







Citizens Social cohesion

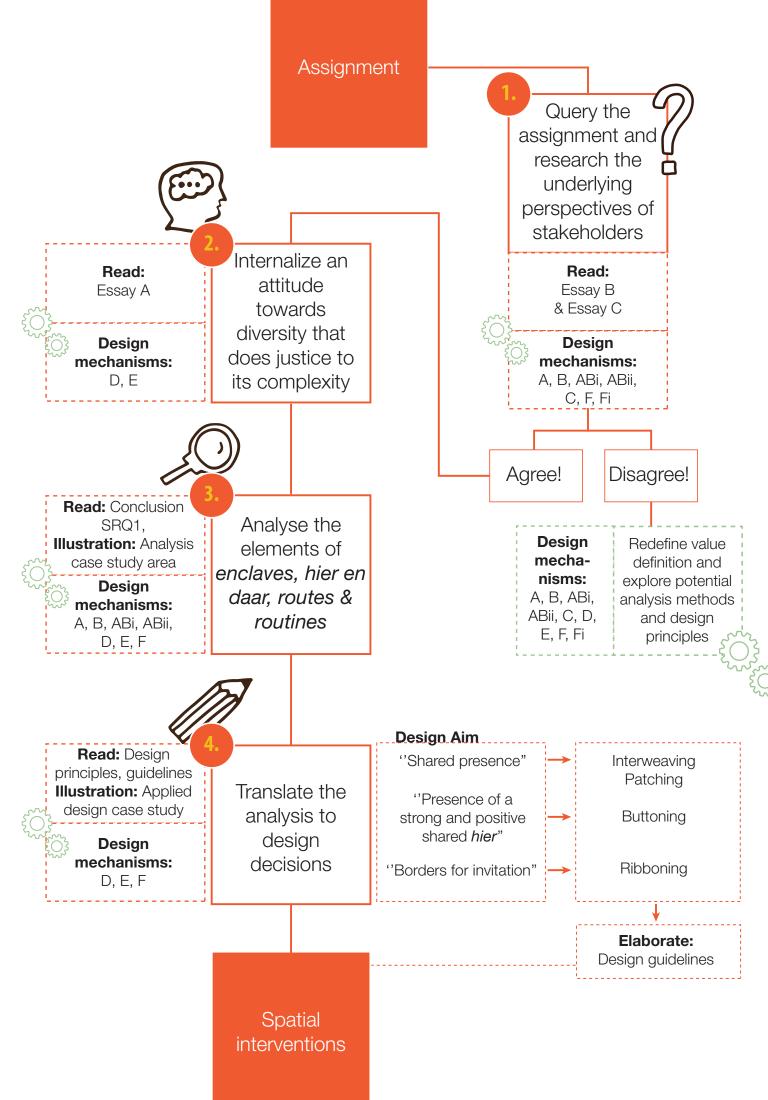
How to use an urban design process to foster the value of connectivity for Schiemond in Rotterdam, an urban area with **high residential diversity**?

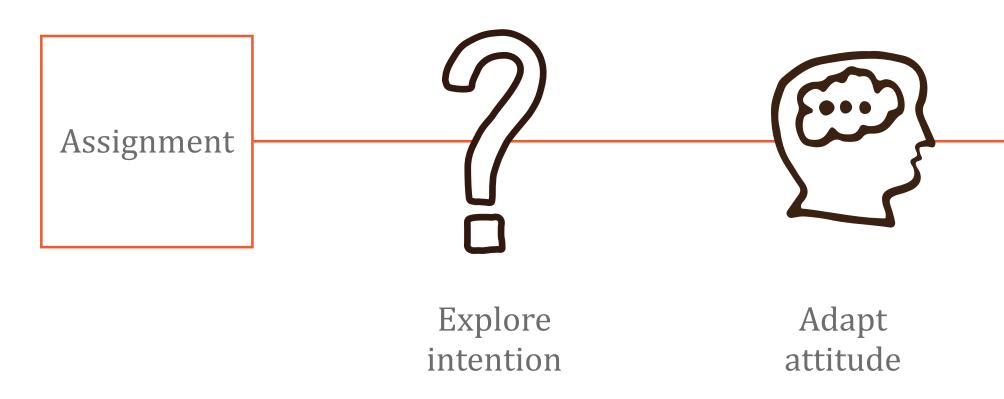
for Schiemond in Rotterdam,

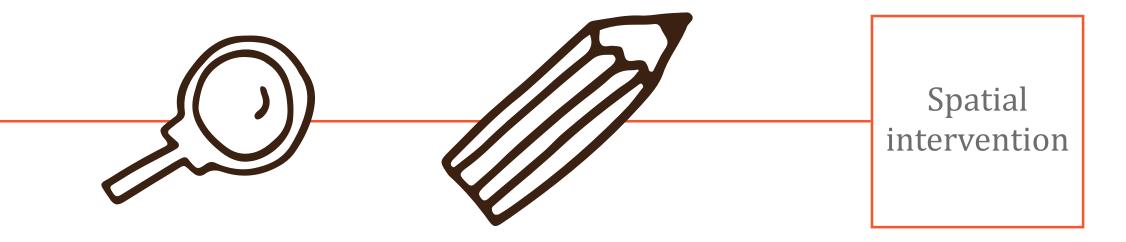
- How to use
- an **urban design process**
- to foster the value of connectivity
- an urban area with **high residential diversity**?











Analyse

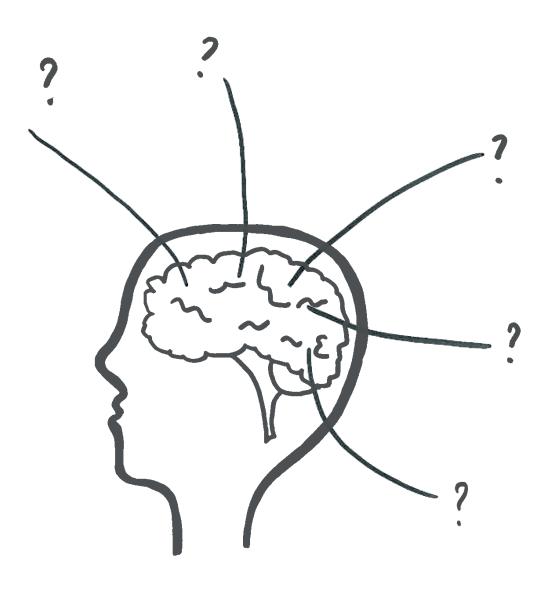
Design



Explore intention

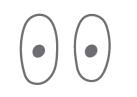
what, why?

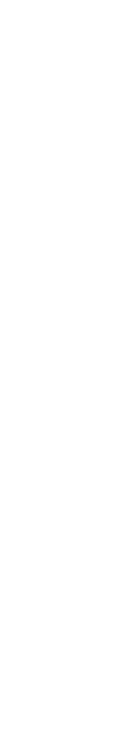


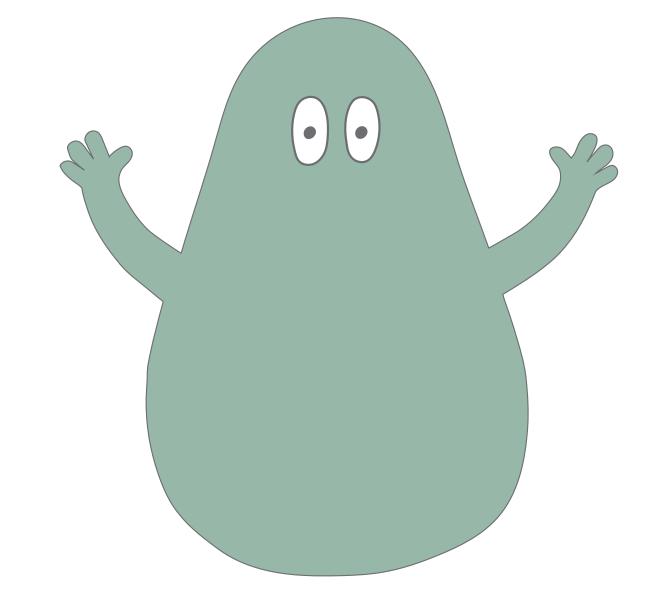


Multiple perspectives Value definition



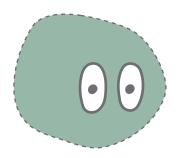


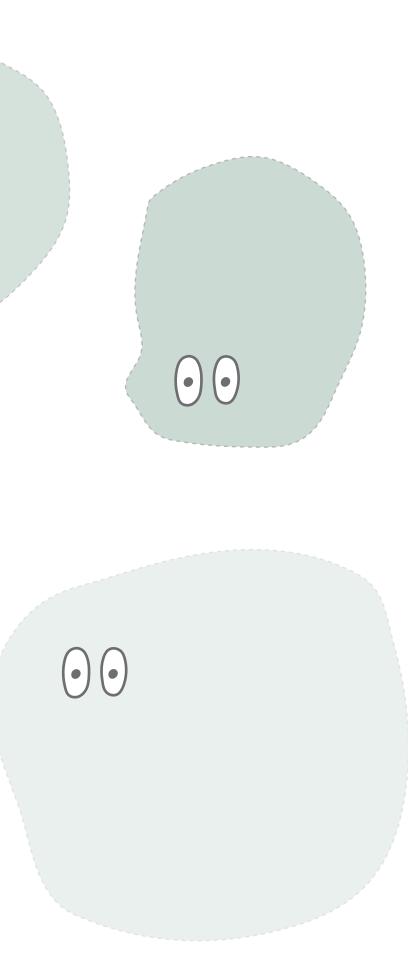






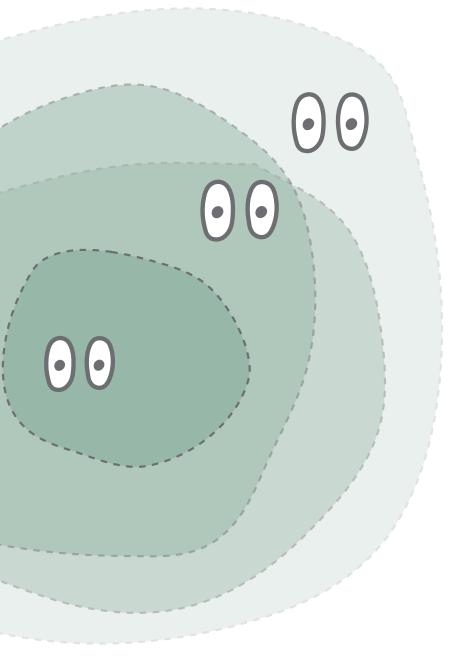
 $\bullet \bullet$



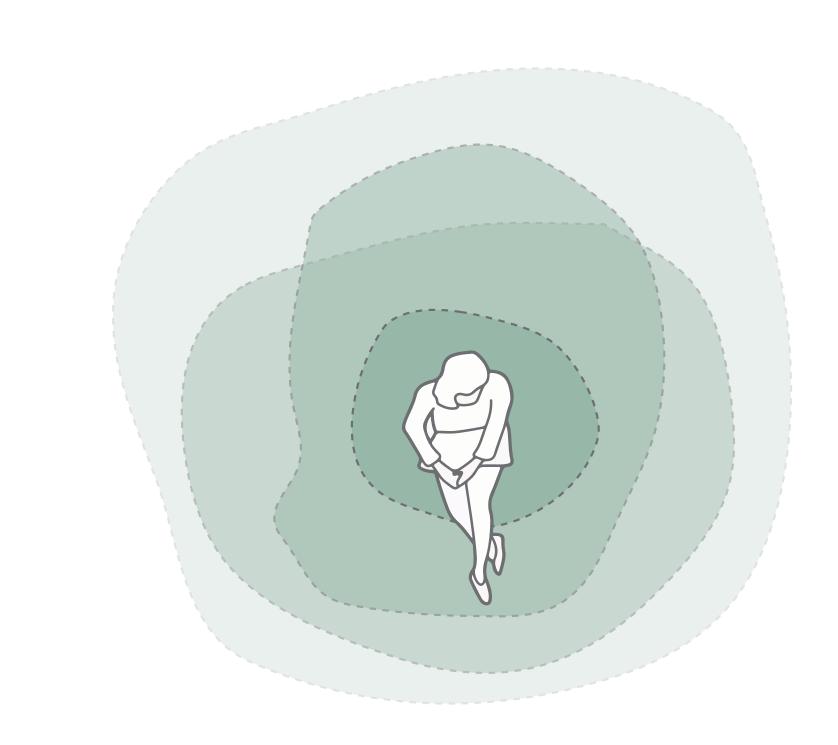




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Mental states of *Hier* and *Daar*

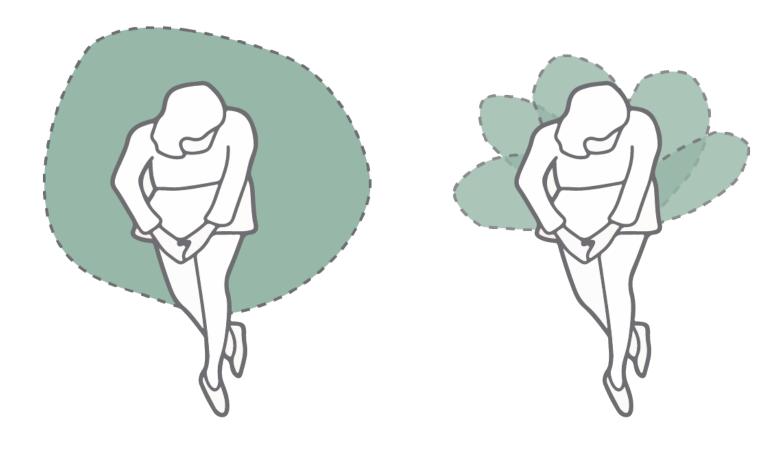
Comfort / Out of comfort zone



hier (noun)

1 mental state facilitated
by environments that offer or
a sense of home and/or
an identification.

An individual posses multiple "hiers", "hiers" differ per person and the amount of "hiers" differ per person.

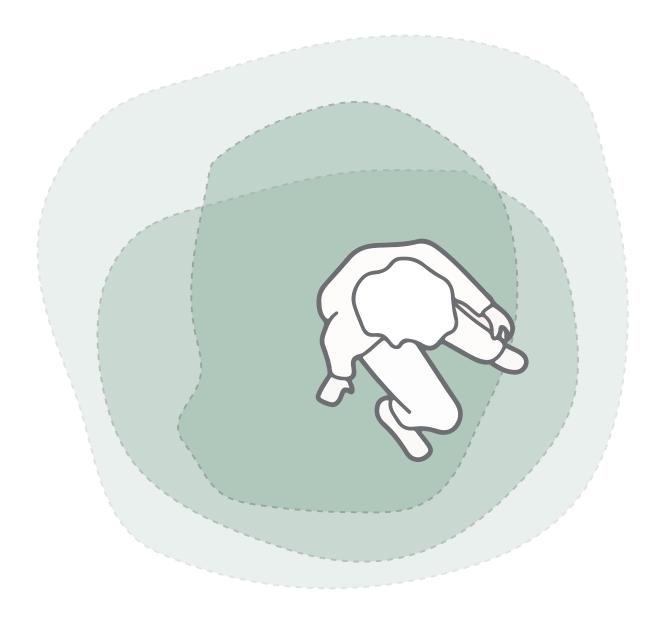




daar (noun)

1 mental state facilitated by environments that offers space for (a) the exploration of unknown senses of places and/ or (b) unknown identifications

An individual posses multiple "daars", "daars" differ per person and the amount of "daars" differ per person







No Scale





Changes

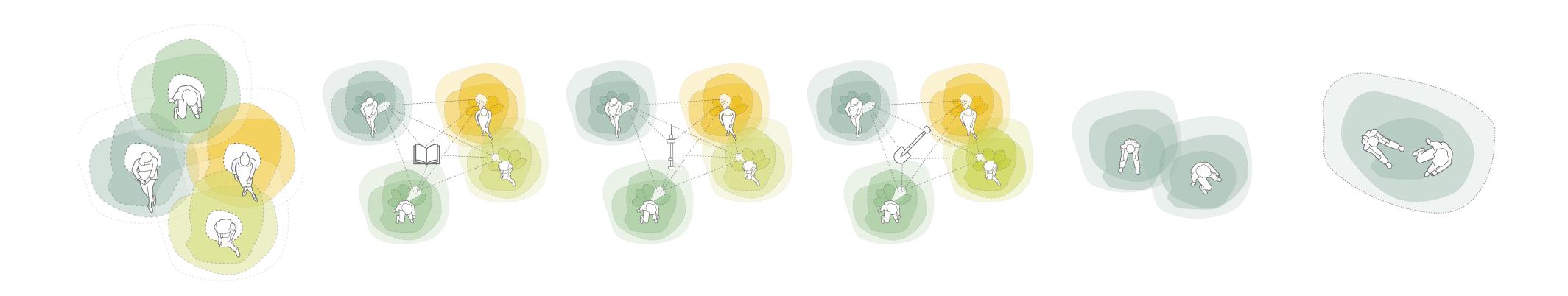








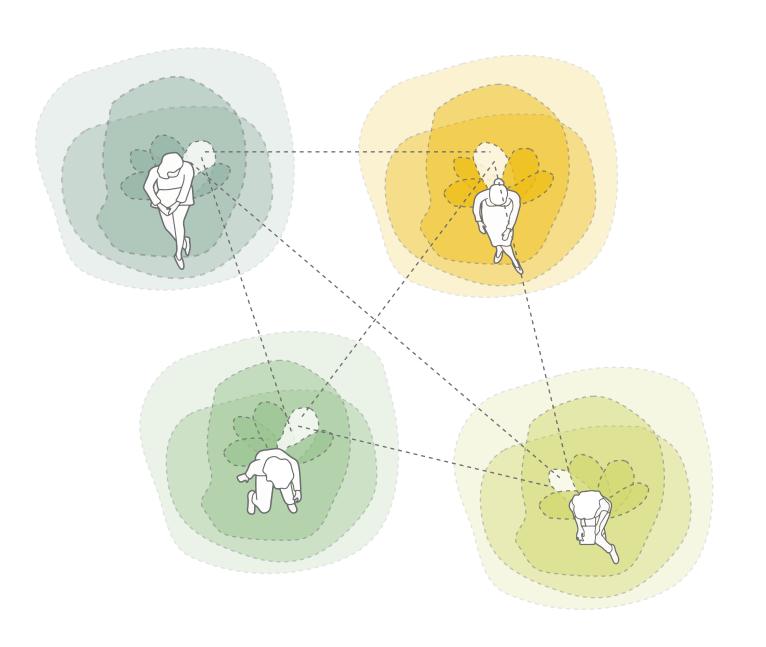




Literature: concepts of connectivity

Sense of home, identification, hier and daar







Value defintion

Connectivity within Residential Diversity

Urban conditions that enhance the number of opportunities of social encounters

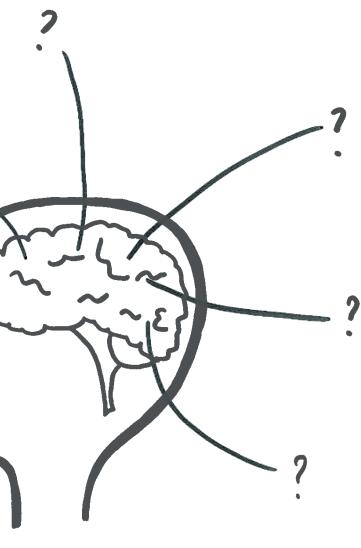
forming a **dynamic connected area**

with constant change of **individual identifications** and **sense of home** in **space and time**,

while also taking the **need for distance** into account.



2 .

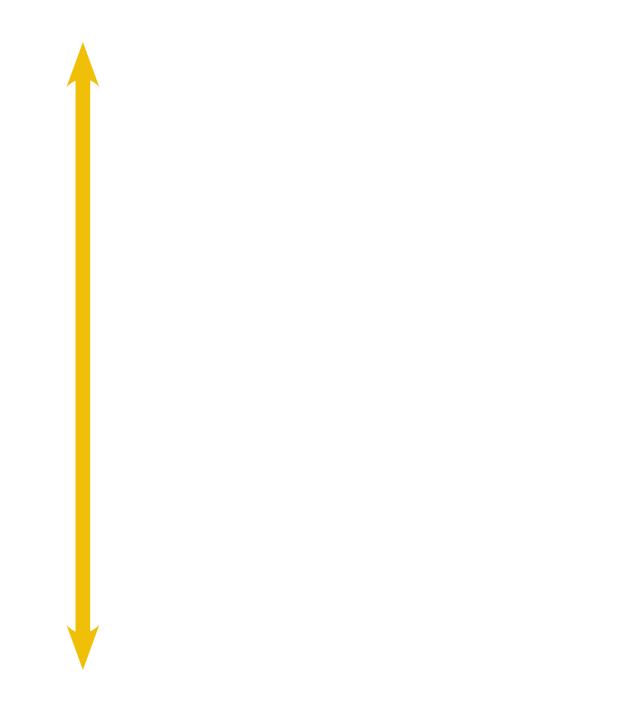


Why?





Access to resources







Access to resources

HORIZONTAL

Mutual links and understanding





Mutual links and understanding



INDIVIDUAL & COLLECTIVE

Broader way of being



Value definition



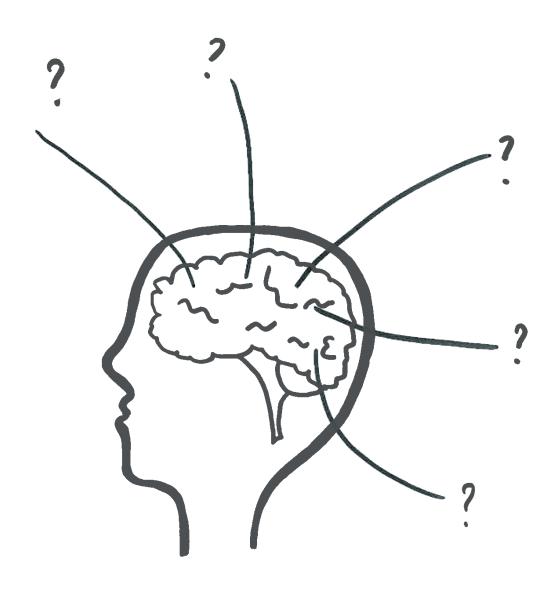
Explore intention





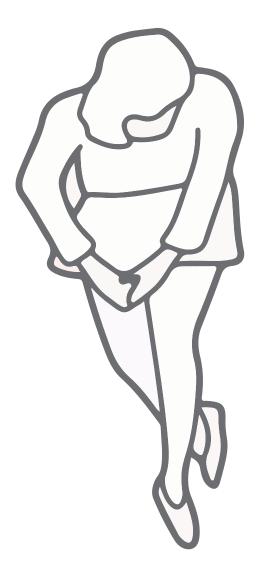


attitude

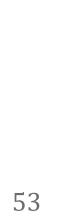


Ethical considerations analyse diversity



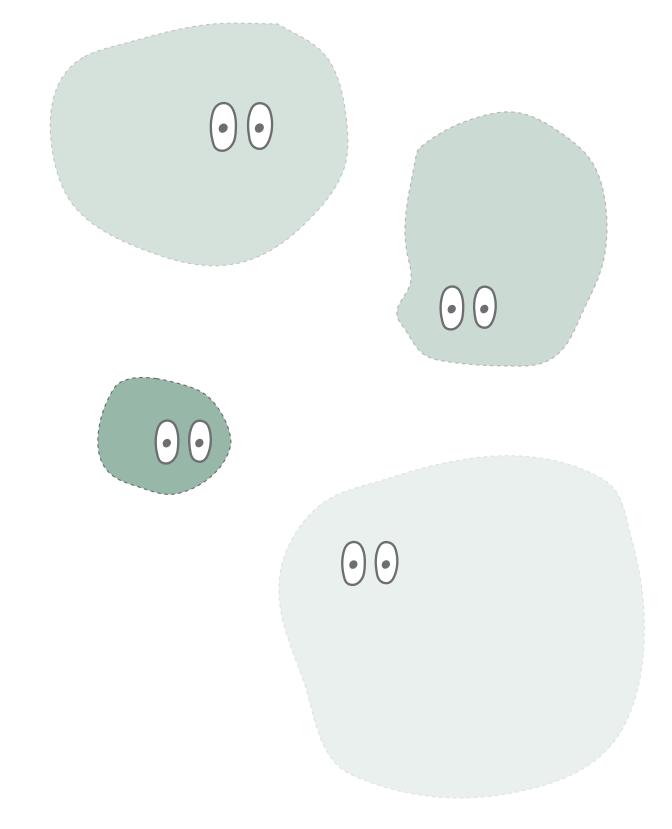


Approach individuals and groups with a **top-down defined identity**





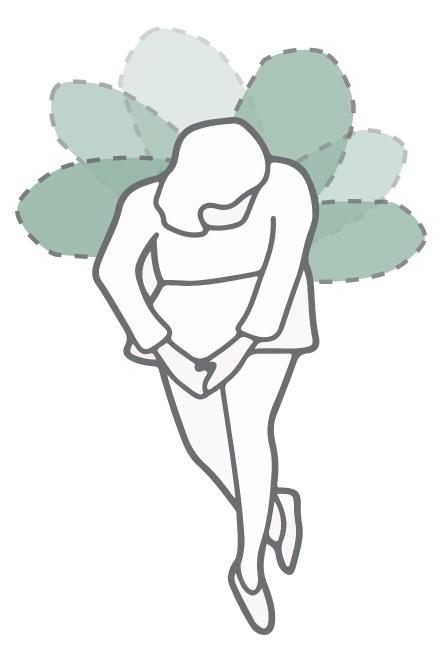




Change of shape

Multiple identifications

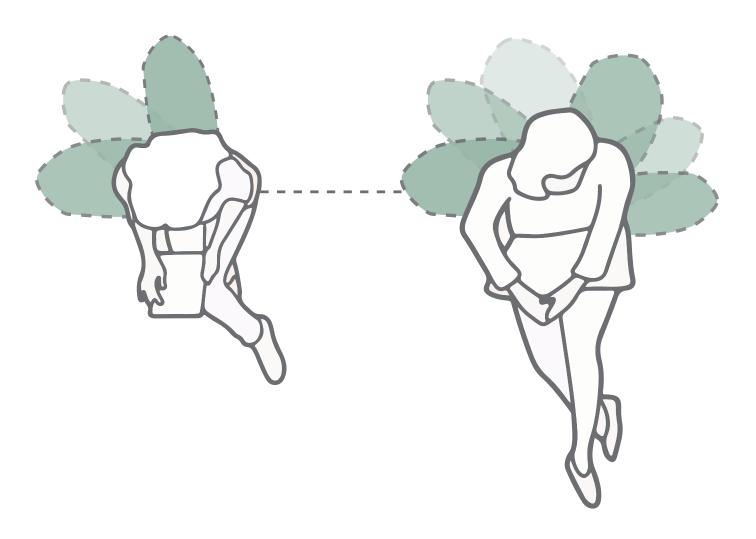




Multiple identifications

Change of shape

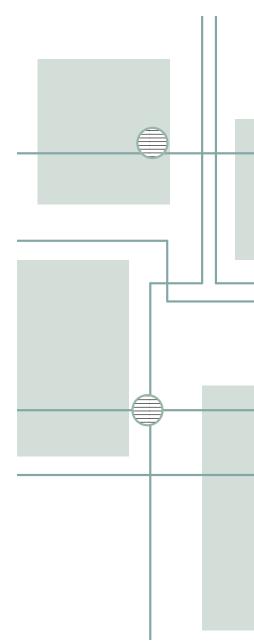




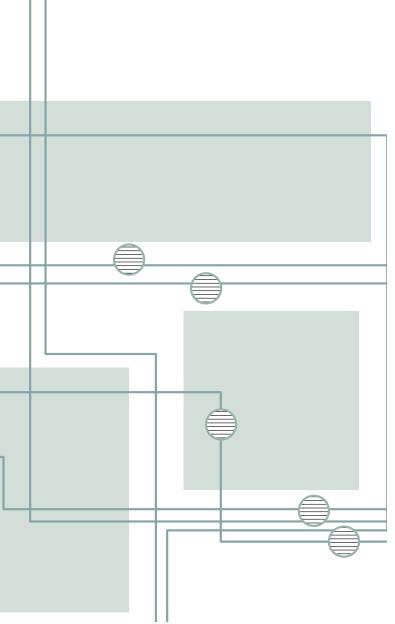
Fluctuating identifications

Liquid Diversity

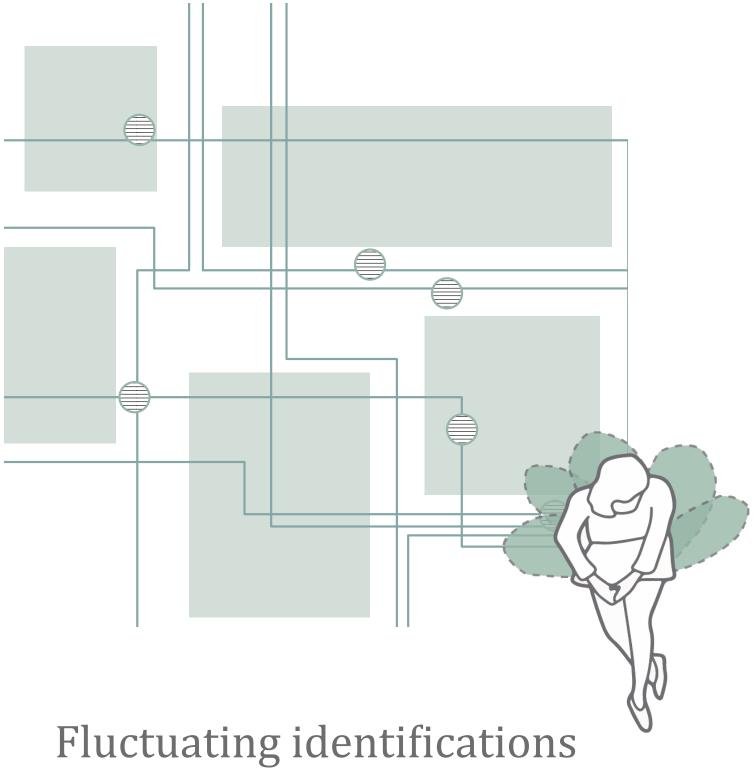




Routes & Routines (Reijndorp, 2004)

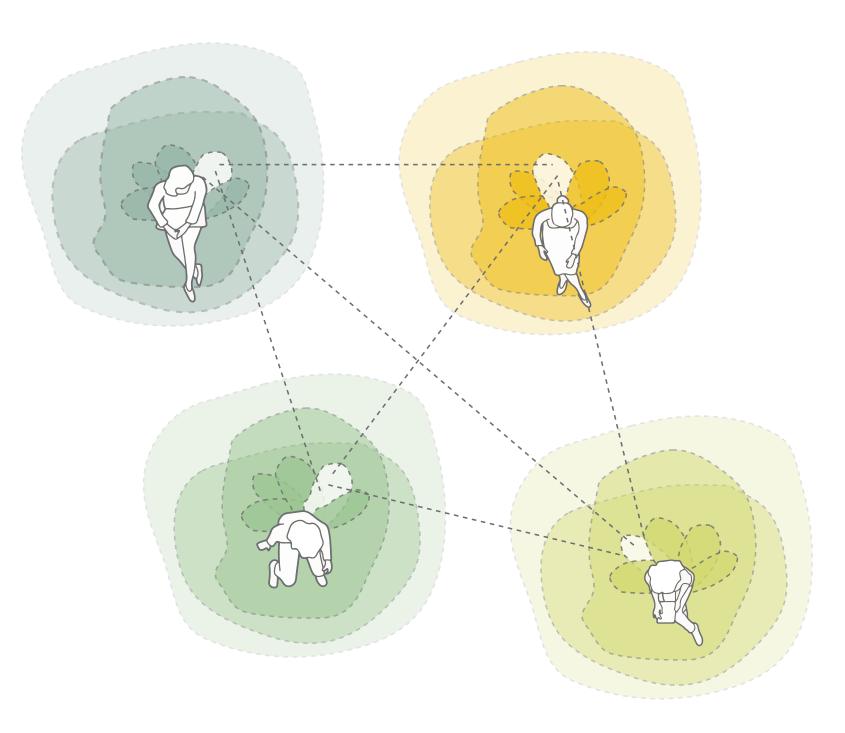






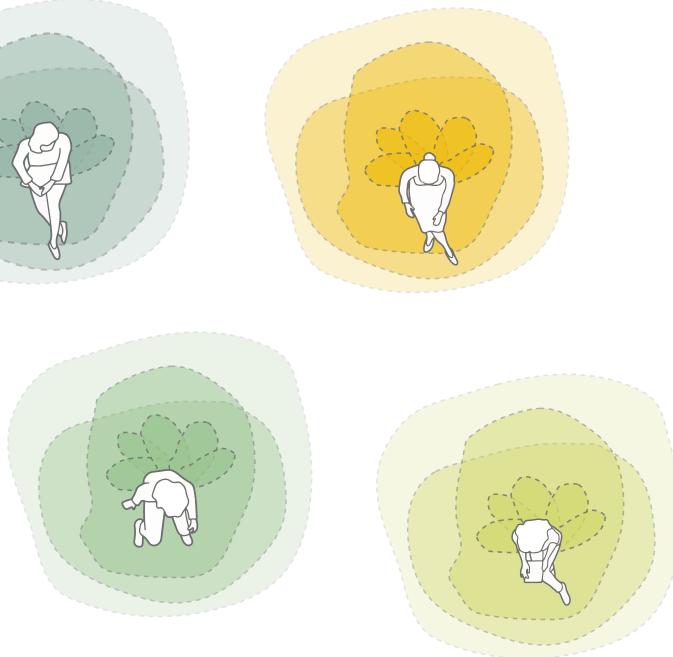


Opportunities for connectivity



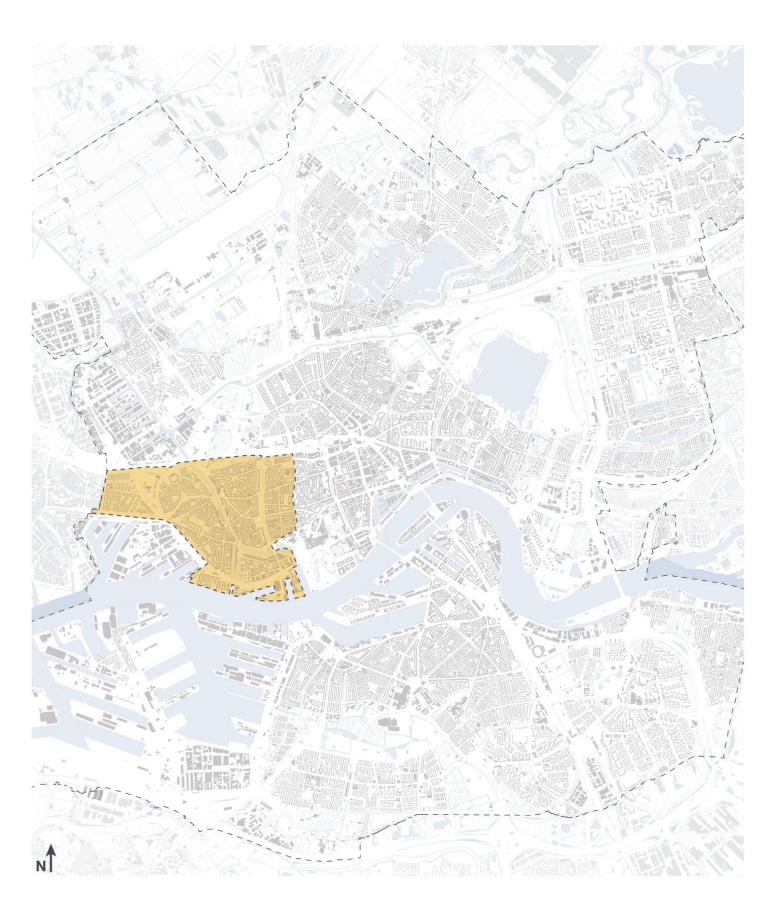








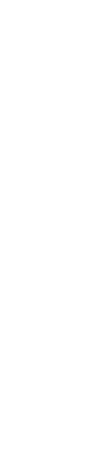
Ambiguous Perspective









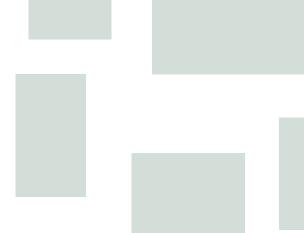




Enclaves

(Hajer & Reijndorp, 2001; Burgers, 1999)

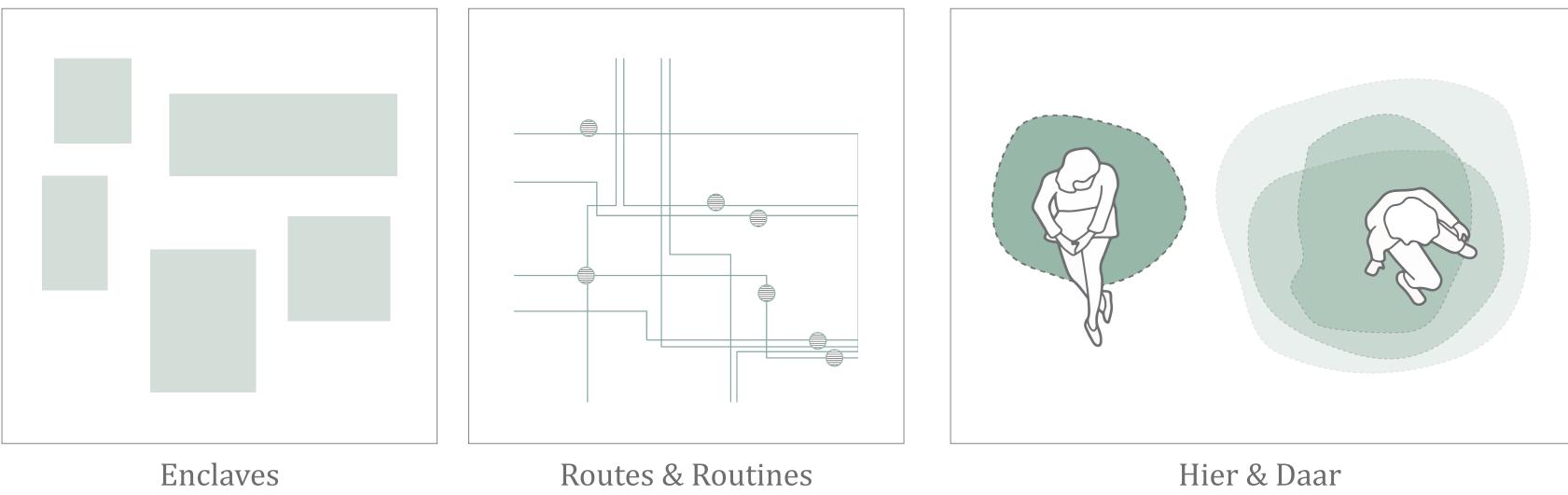






Unambiguous perspective

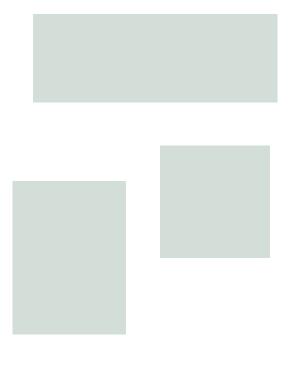




Input for **Analysis**

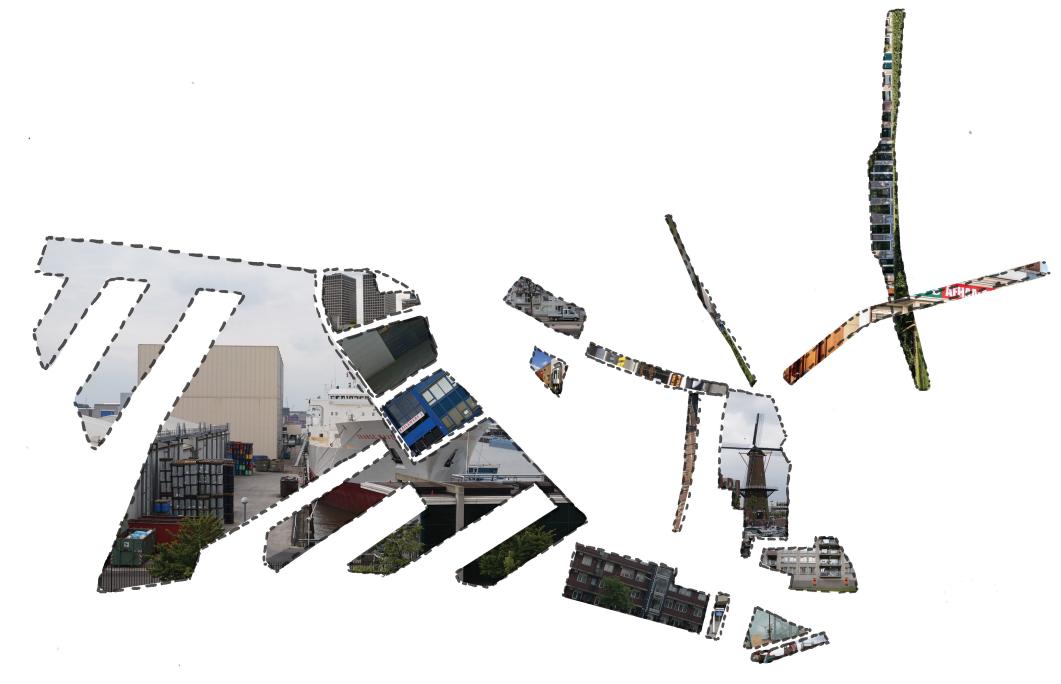




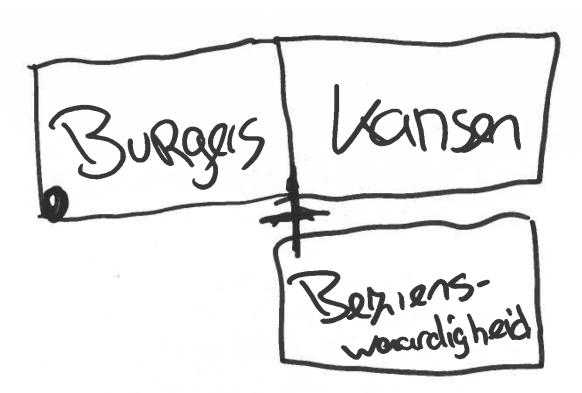


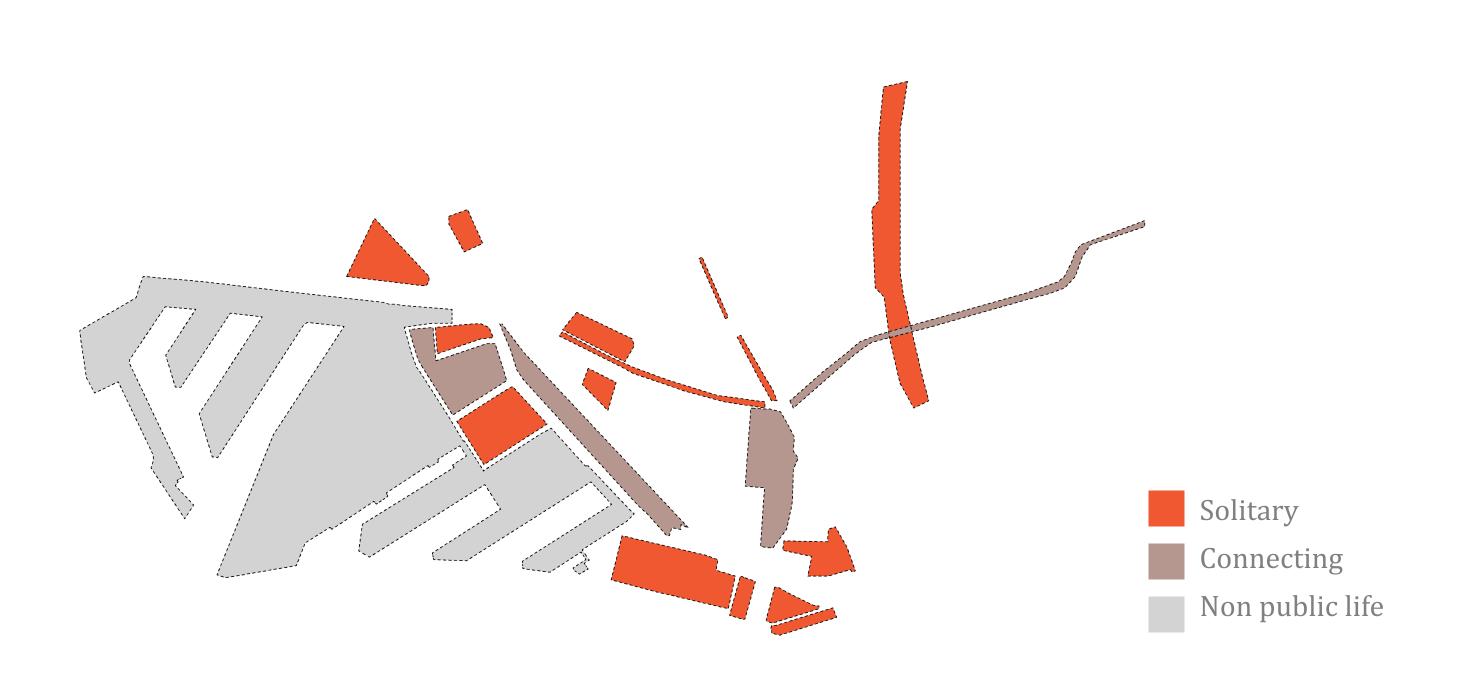
1. Enclaves



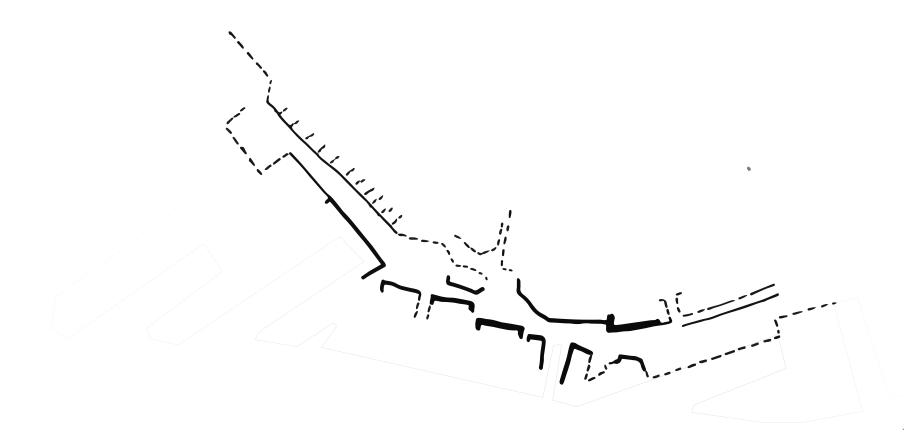


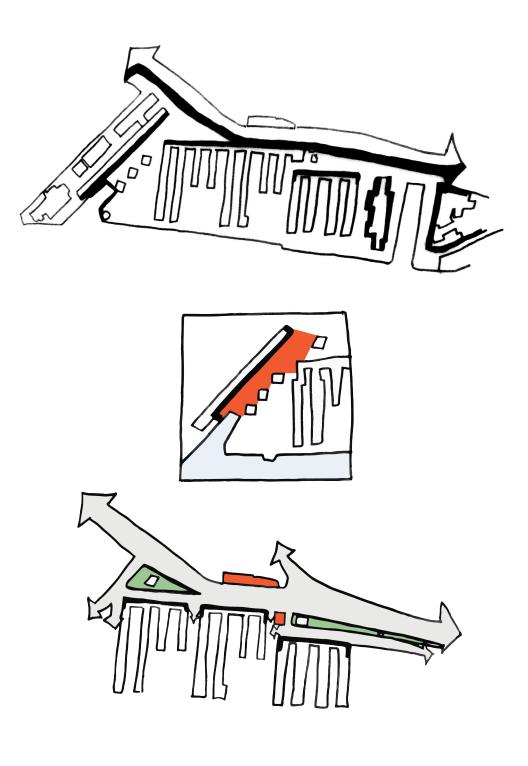


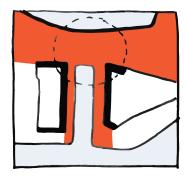




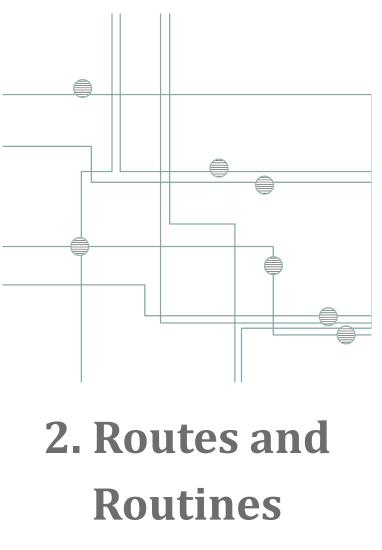




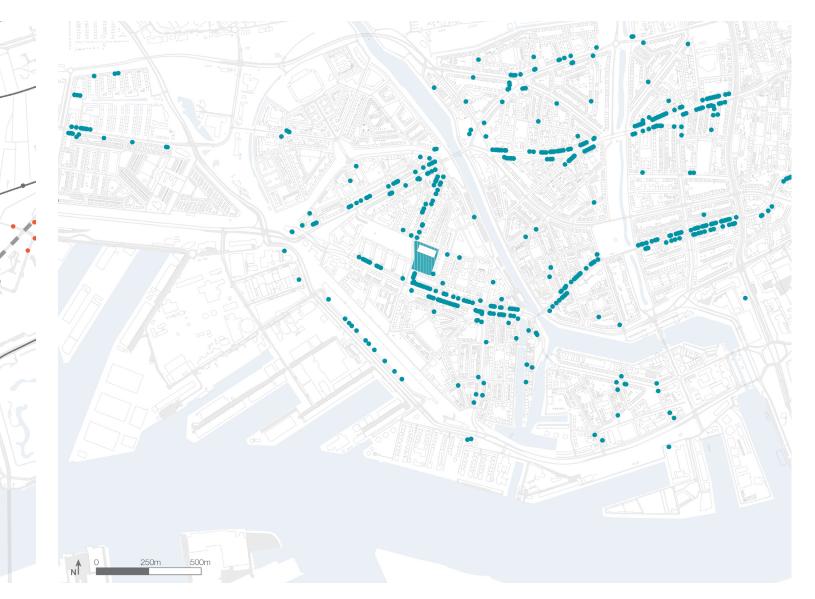




Borders / Boundaries

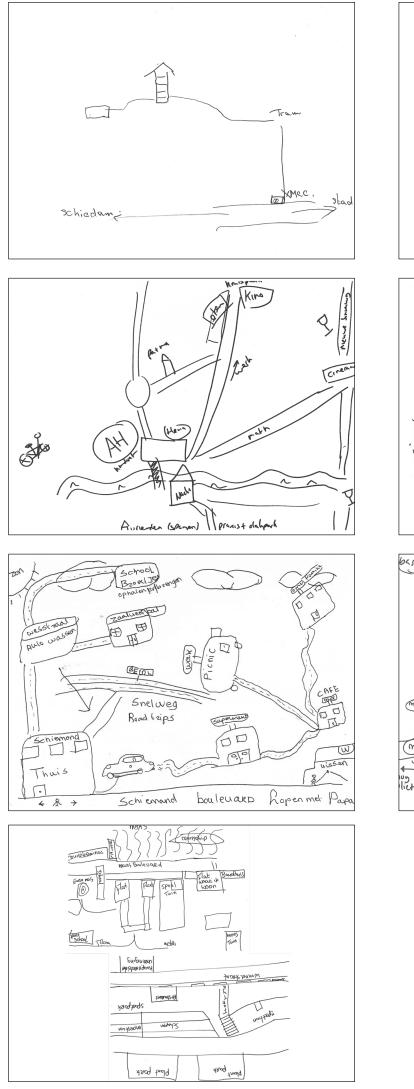


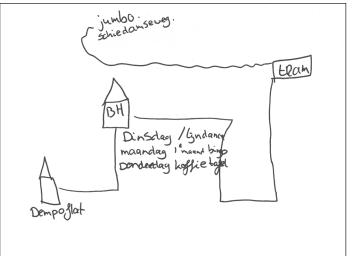


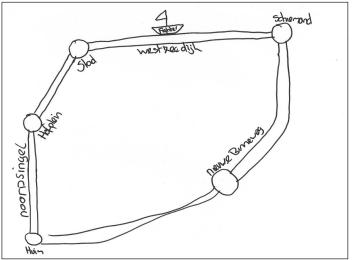


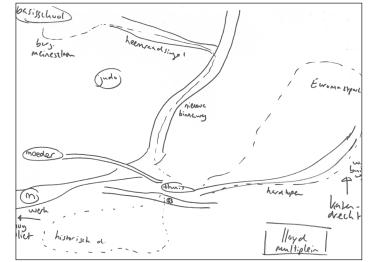


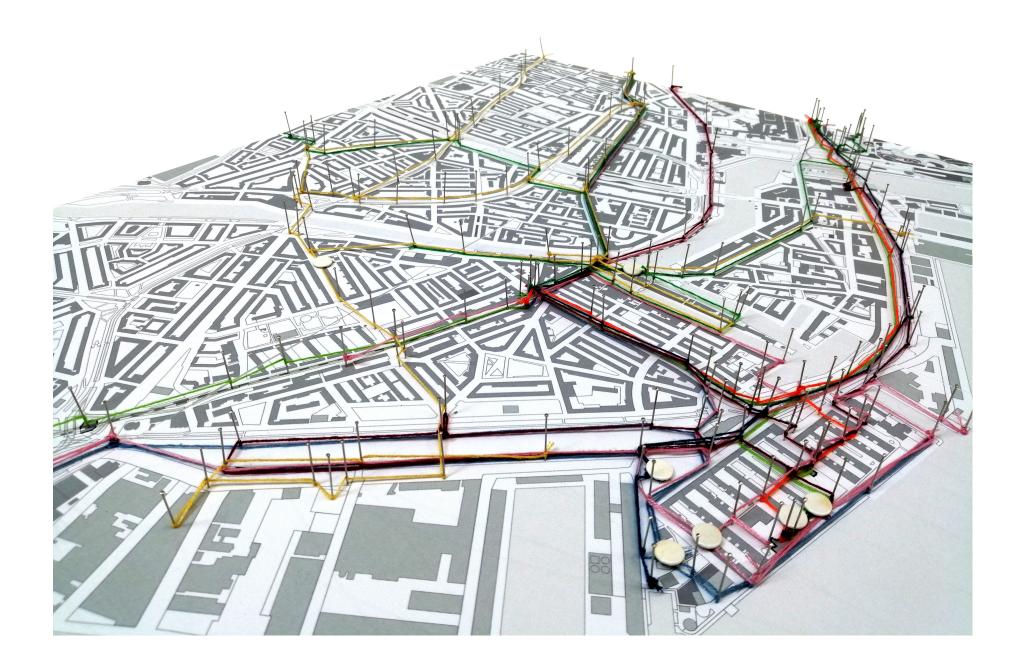


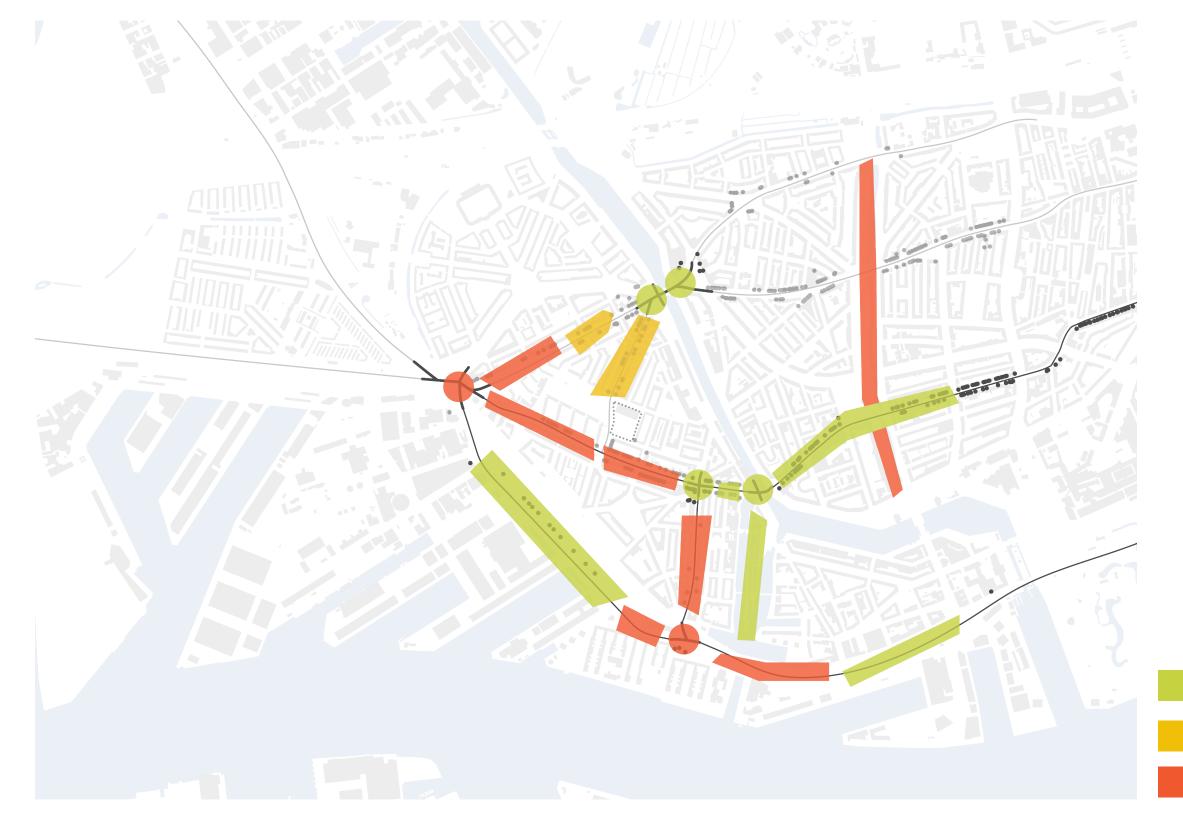








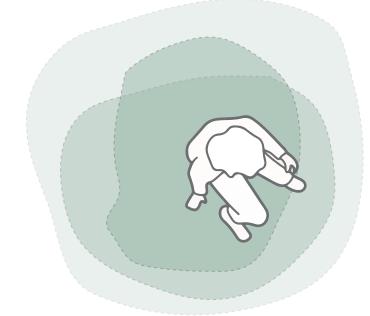




strong connecting capacity medium connecting capacity low connecting capacity







3. Hier & Daar

Dier (Animal) Walvis | Aapje | Papegaai | Luiaard | Leeuw | Kat Whale | Monkey | Parrot | Sloth | Lian | Cat

Fruit *(Fruit)*

Tutti Frutti | Citroen | Kiwi | Passievrucht | Granaatappel | Sinaasappel Tutti Frutti | Lemon | Kiwi | Passion fruit | Pomegranate | Orange

Muziekinstrument (Musical Instrument)

Harp | Trommel | Gitaar | Gitaar | Viool | Mondharmonica Harp | Drum | Guitar | Guitar | Violin | Blues harp

Kledingstuk (Garment)

Saron | Trainingspak | Schoenen | Schoenen | Sokken Saron | Jogging suit | Schoes | Shoes | Socks

Automerk (Car brand)

Volkswagen | Daf | Porsche | Tweepersoonsauto Volkswagen | Daf | Porsche | Two seater

Sense of place





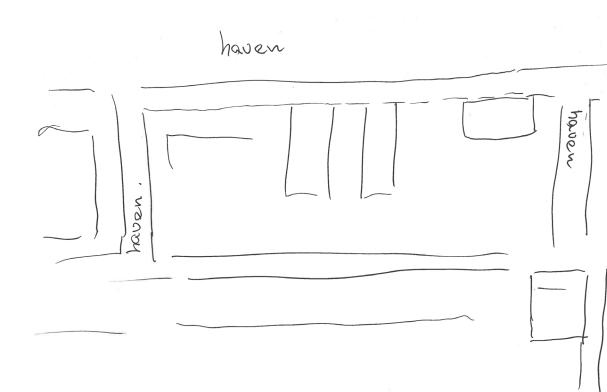
• Sensitive & Caring character of the citizens

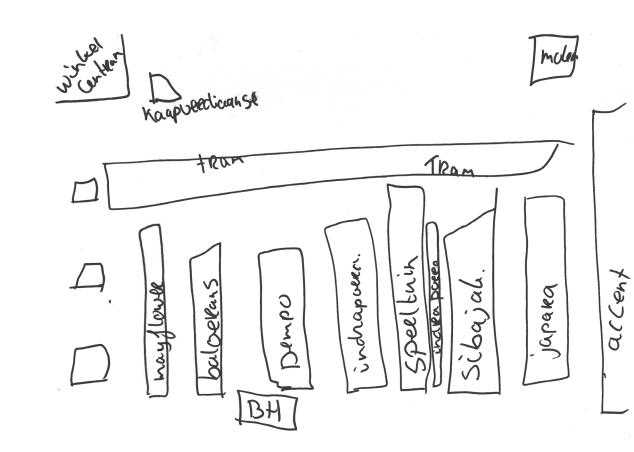
• Water

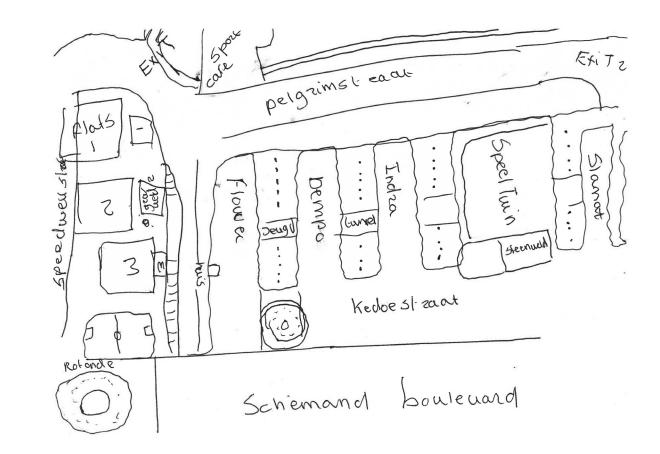
characteristic of the urban environment

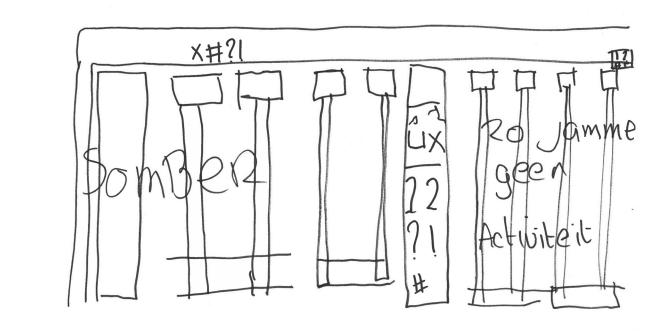
brullenlawaaidirect onderhoudsvriendelijk simpleapartinhammen beschermend dagelijksweggooien enthousiasme terughoudend mooiplekhol Waardevol terughoudend commentaar basis apart dagelijks prikkelen basis apart dagelijks prikkelen zelfverzorgend genere vaag kwalitatief los schilbuitenkant exotisch Verschile of ver zuur vrede onactief harmonie normaal volk onderhoudsvriendelijk lawaai Lawaa verschillend energieloos customizenbeschermend

Sense of place



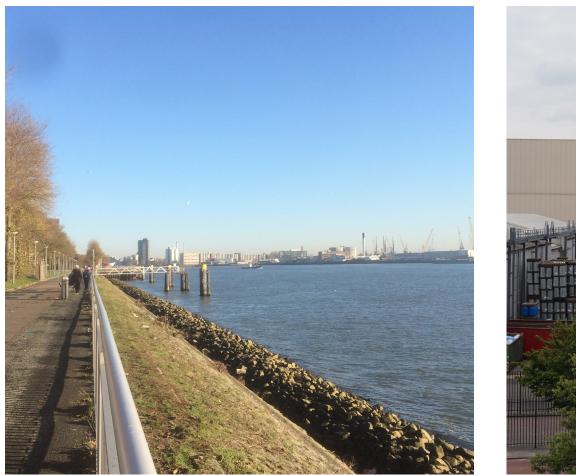


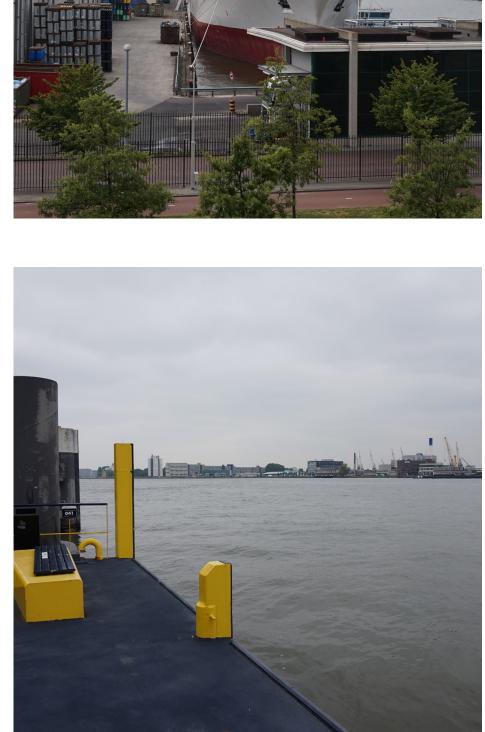




Mental maps

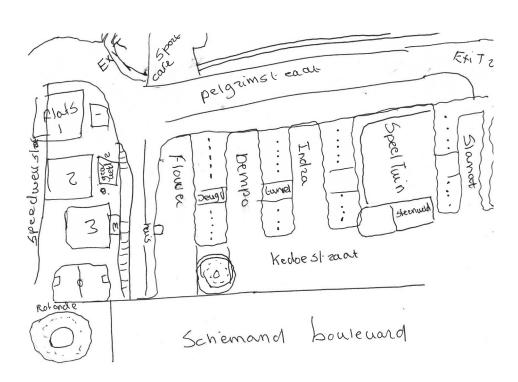












Hier









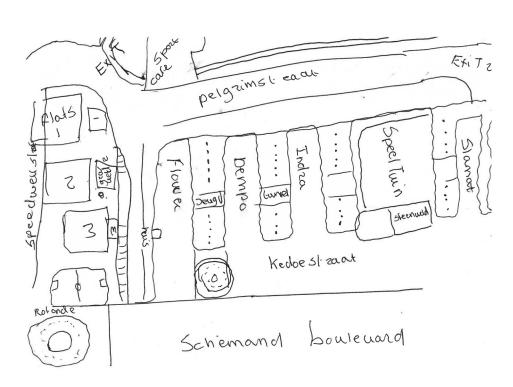












Daar



















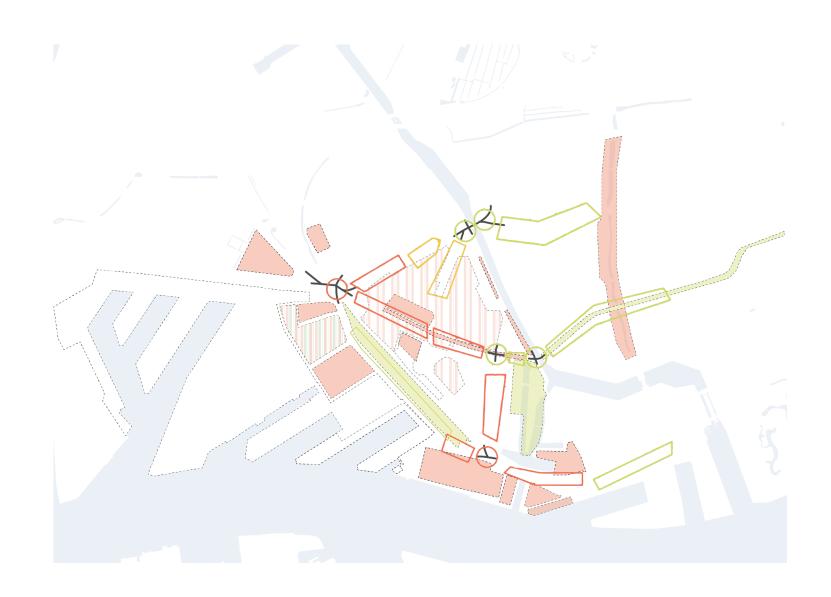


Hier



Daar

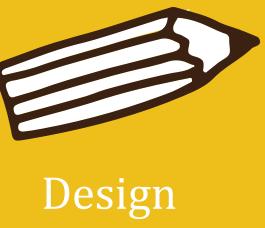


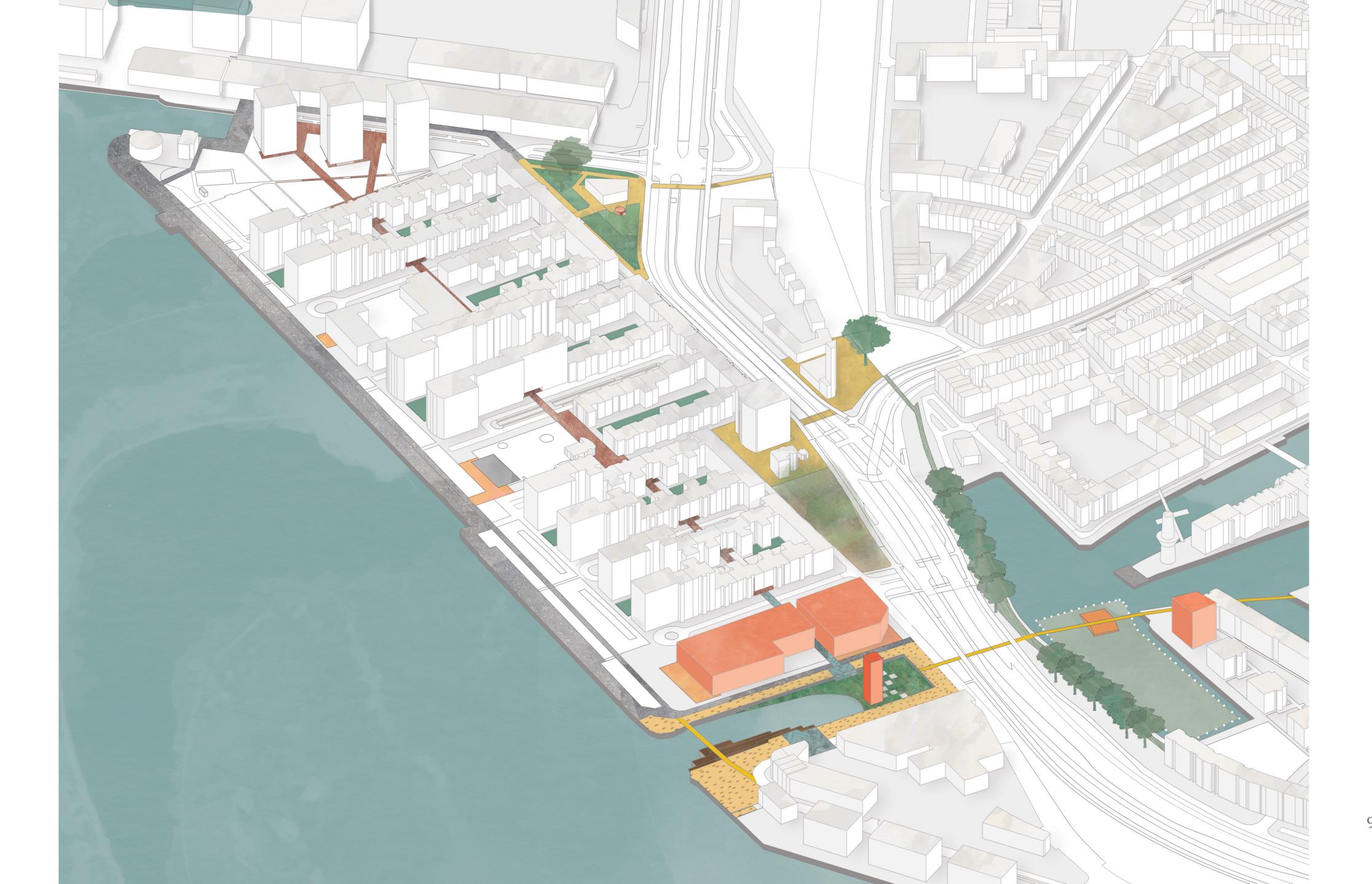


Concluding | Enclaves, Routes & Routines, Hier & Daar











3 CATEGORIES OF HIER EN DAAR SPACES

positive relationship



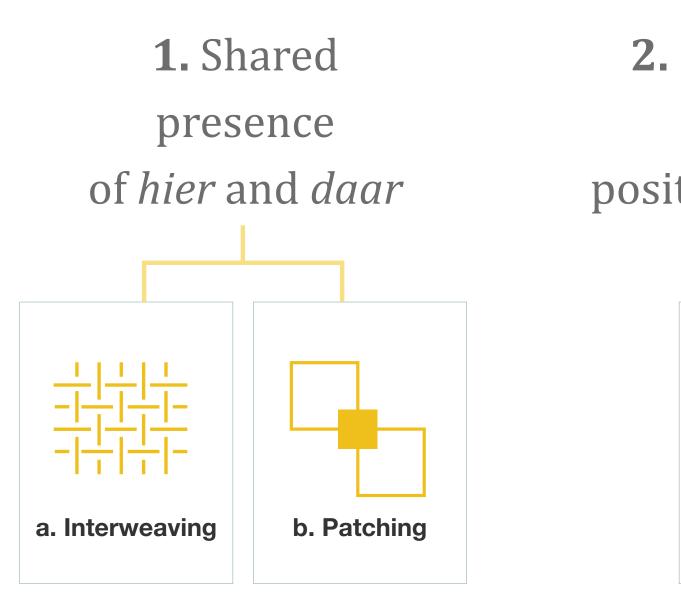
1. Shared presence of hier and daar

3 CATEGORIES OF HIER EN DAAR **SPACES**

2. Presence of a strong and positive shared hier

3. Borders for invitation between hiers and daars

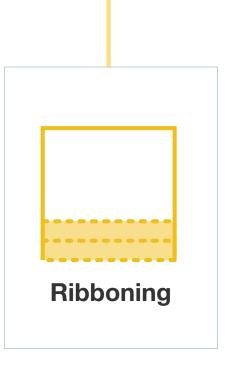




2. Presence of a strong and positive shared hier



3. Borders for invitation between hiers and daars



DESIGN PRINCIPLES



Shared presence of *hier* and *daar* 'worlds come together'





street | nieuwe binnenweg





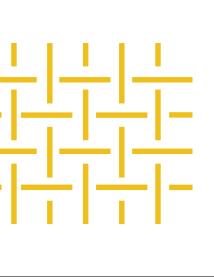
building | library and culture centre in Delft



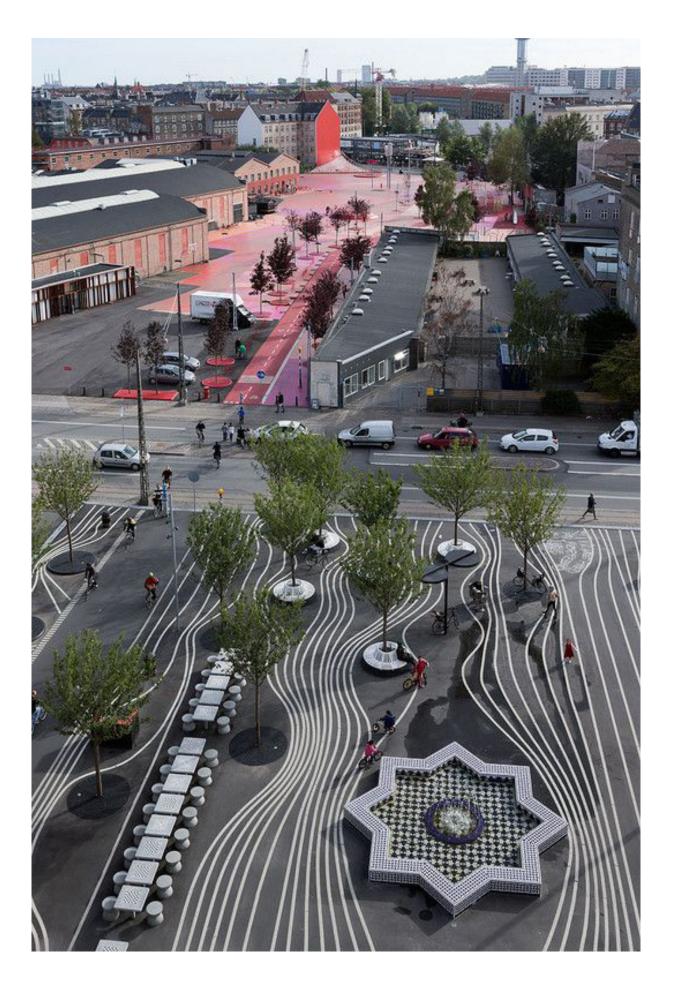


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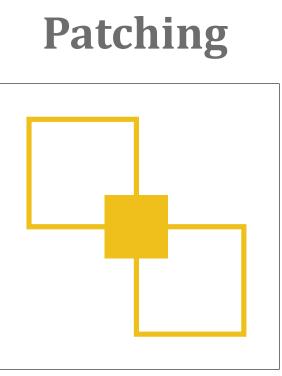




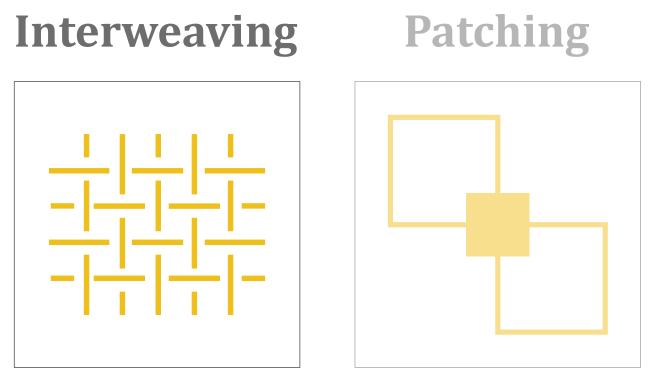


public spaces | Superkilen Park Copenhagen

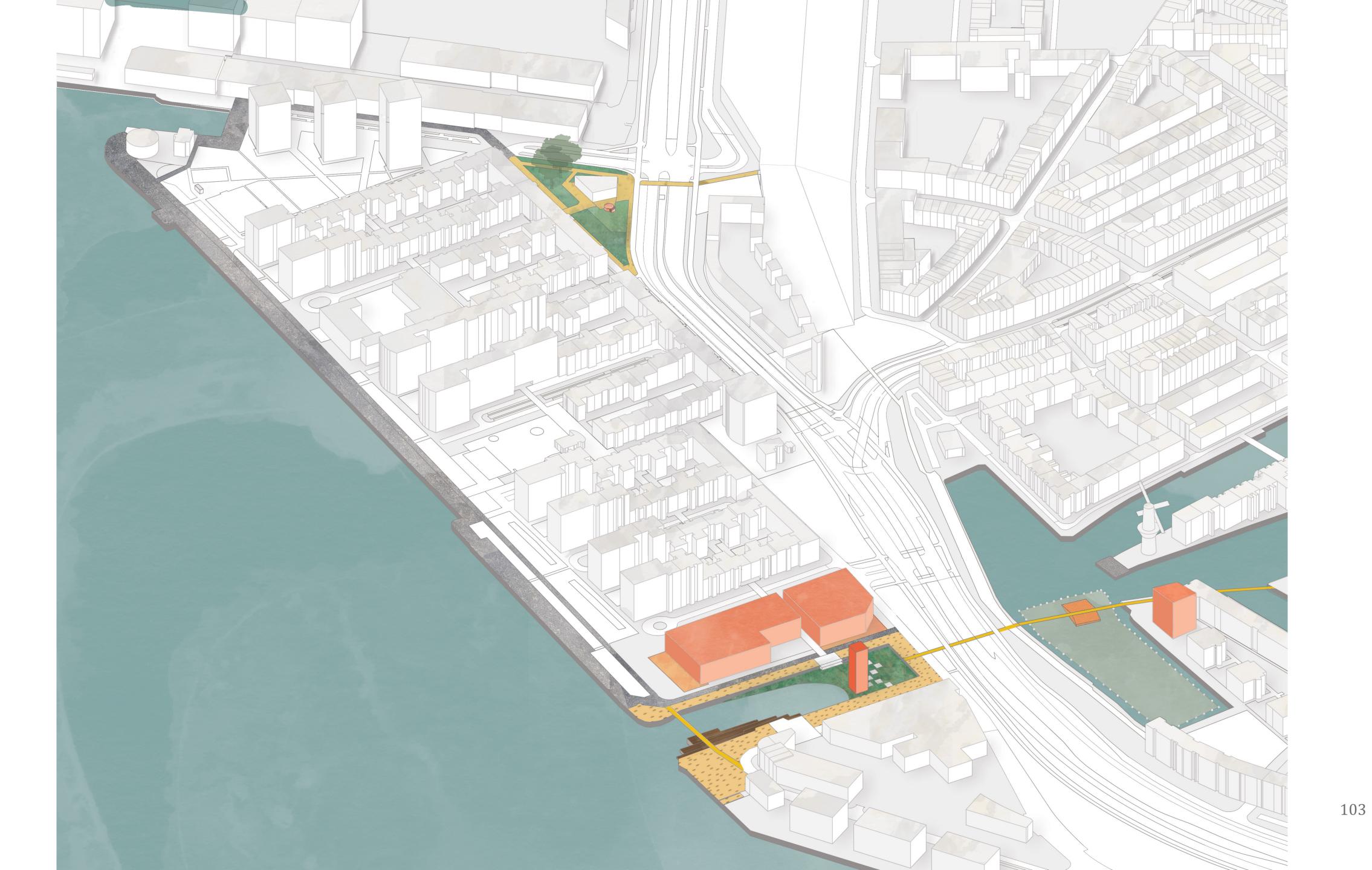




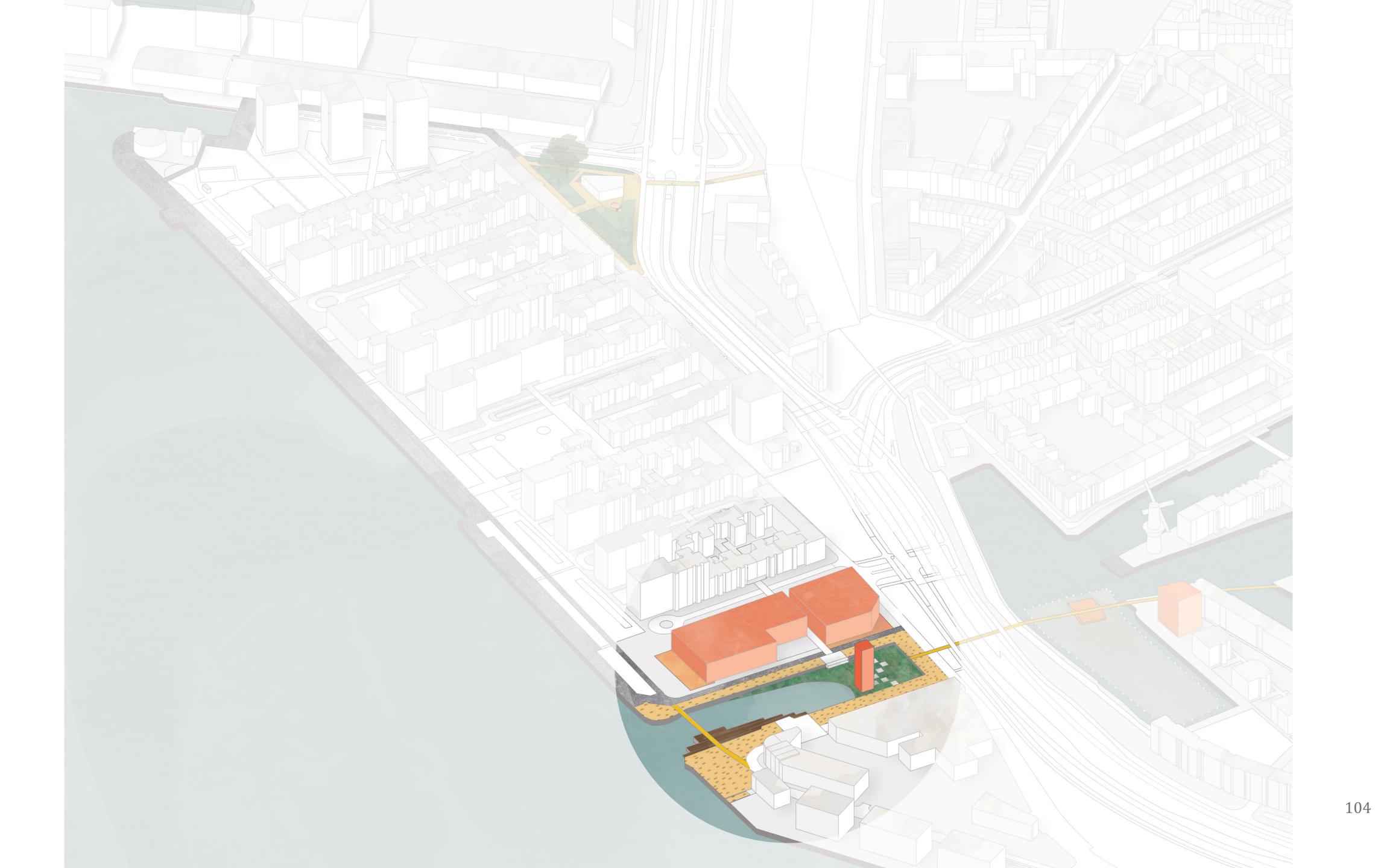










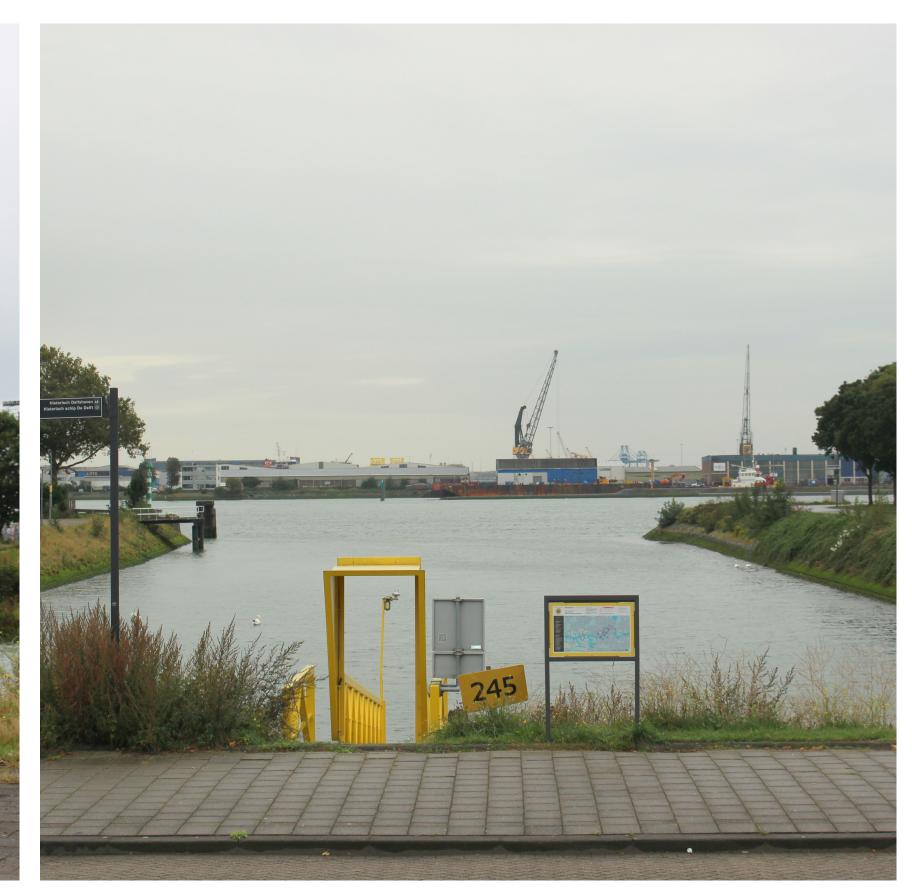




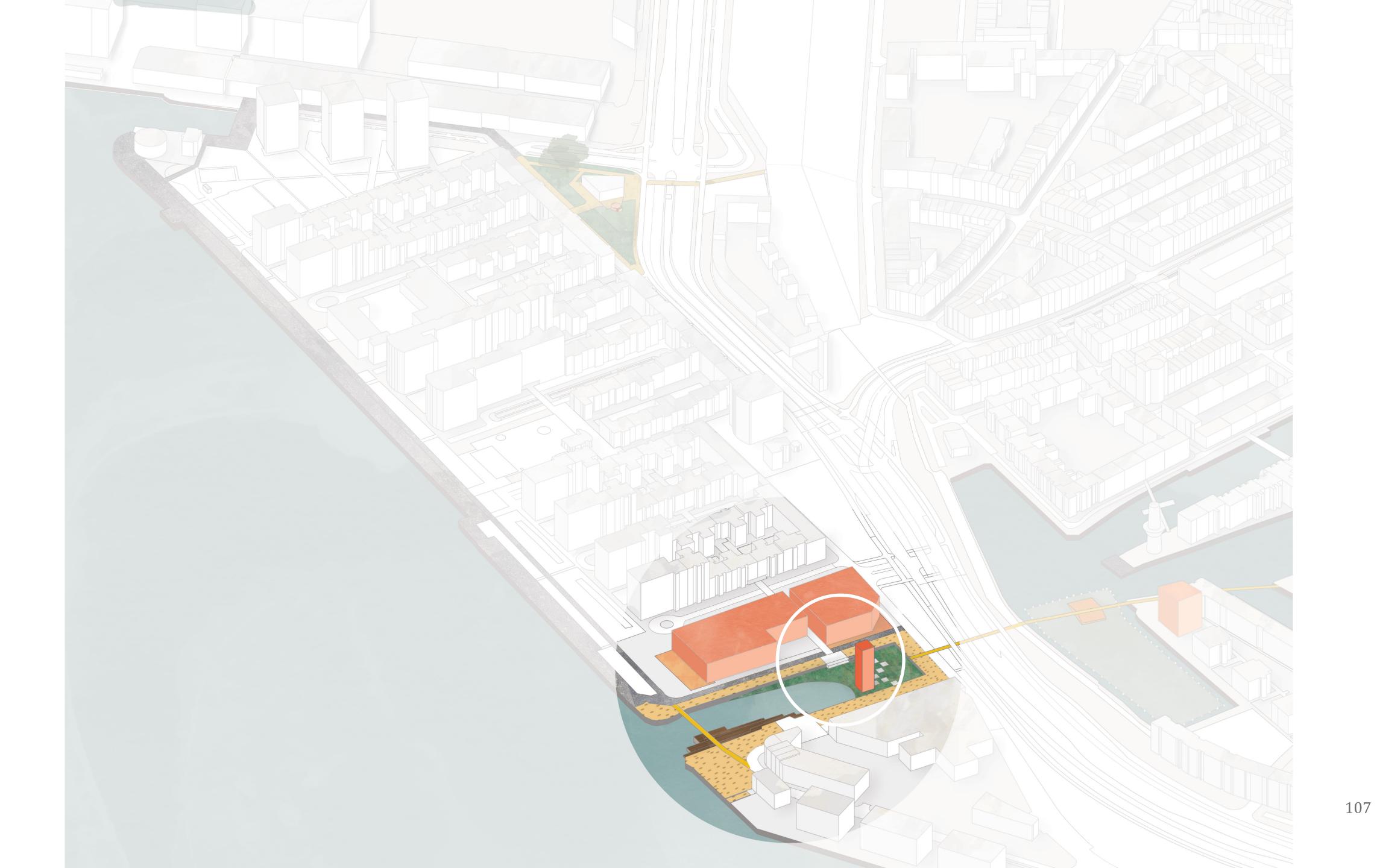




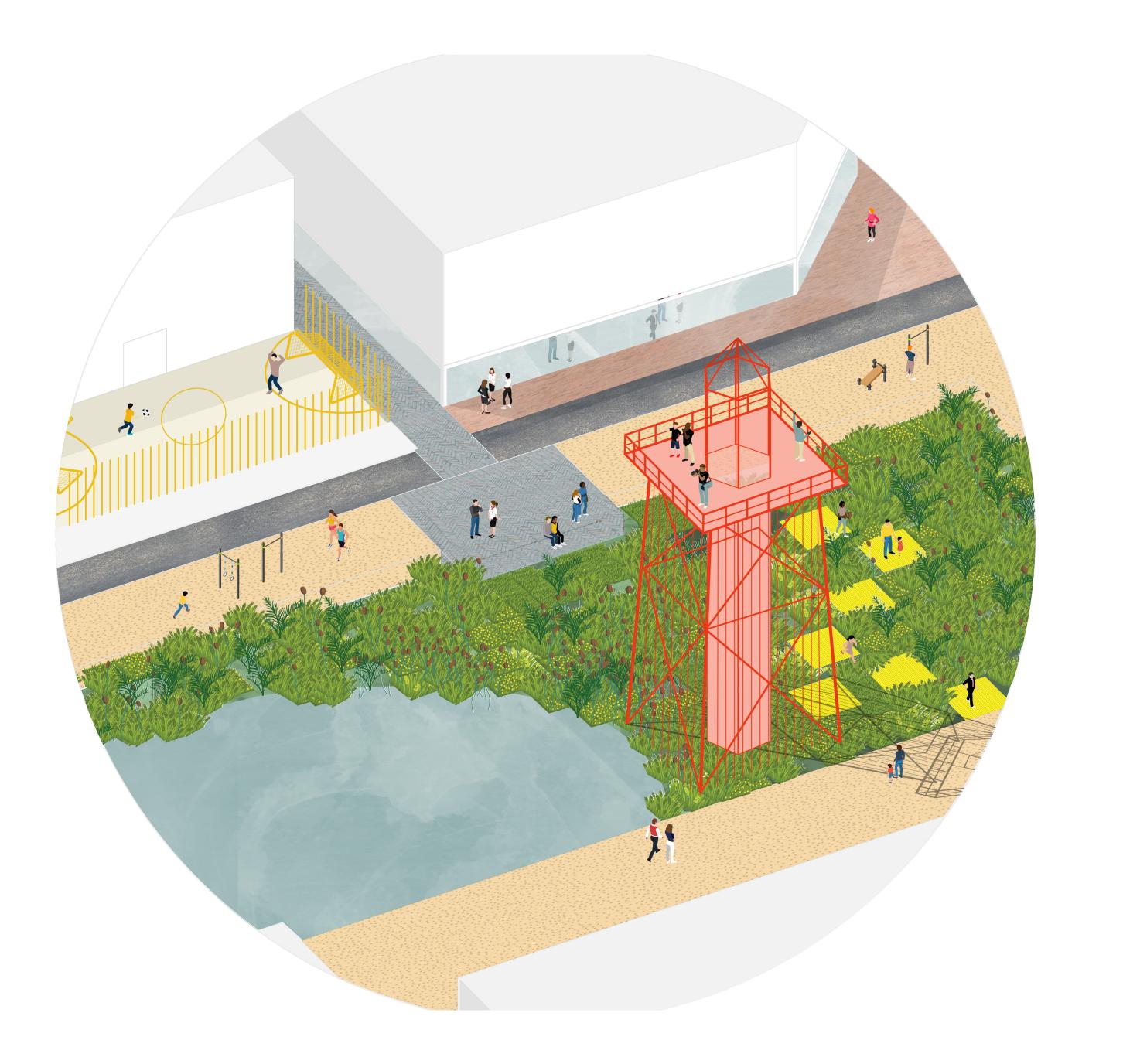












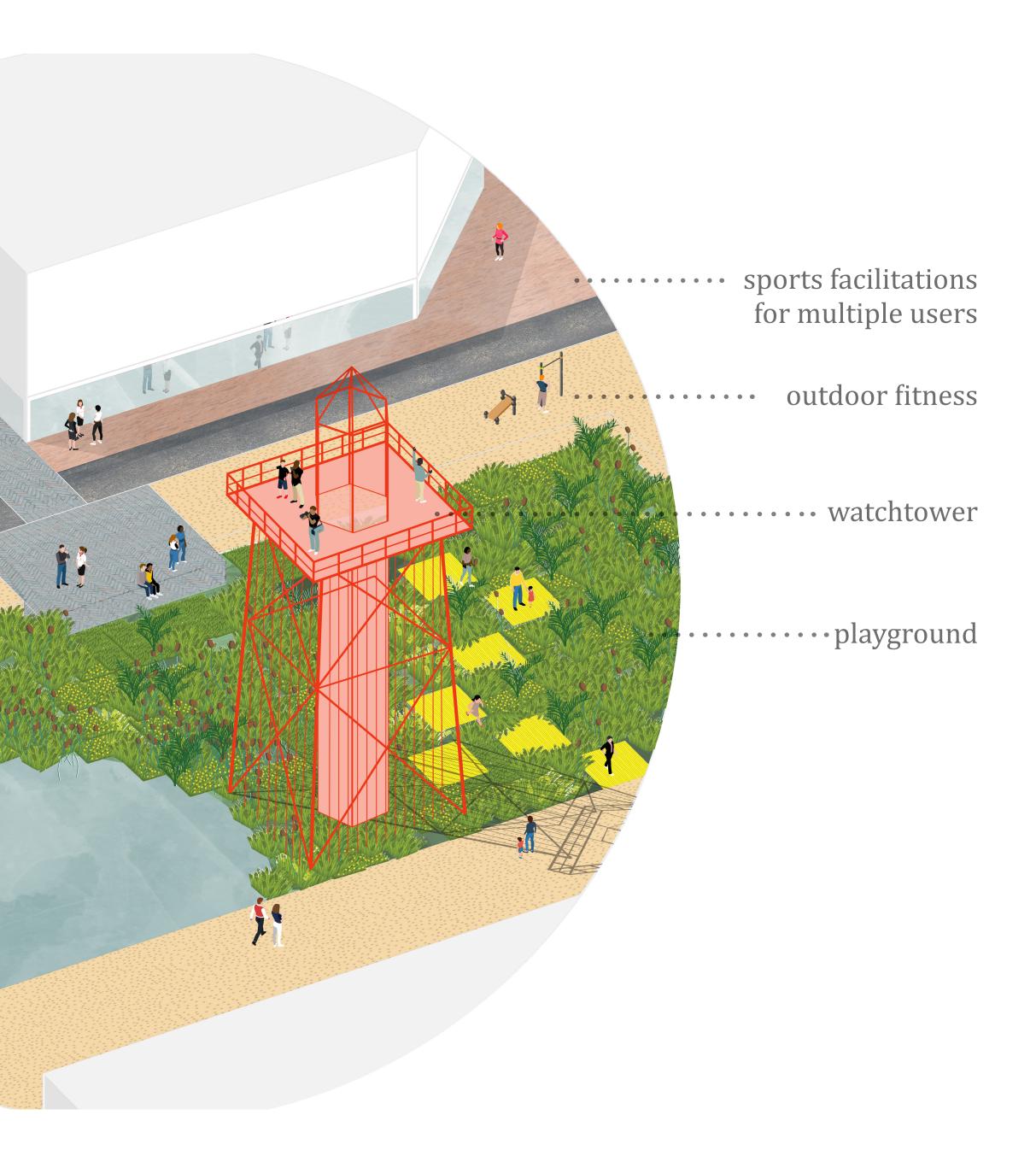


new **route** •

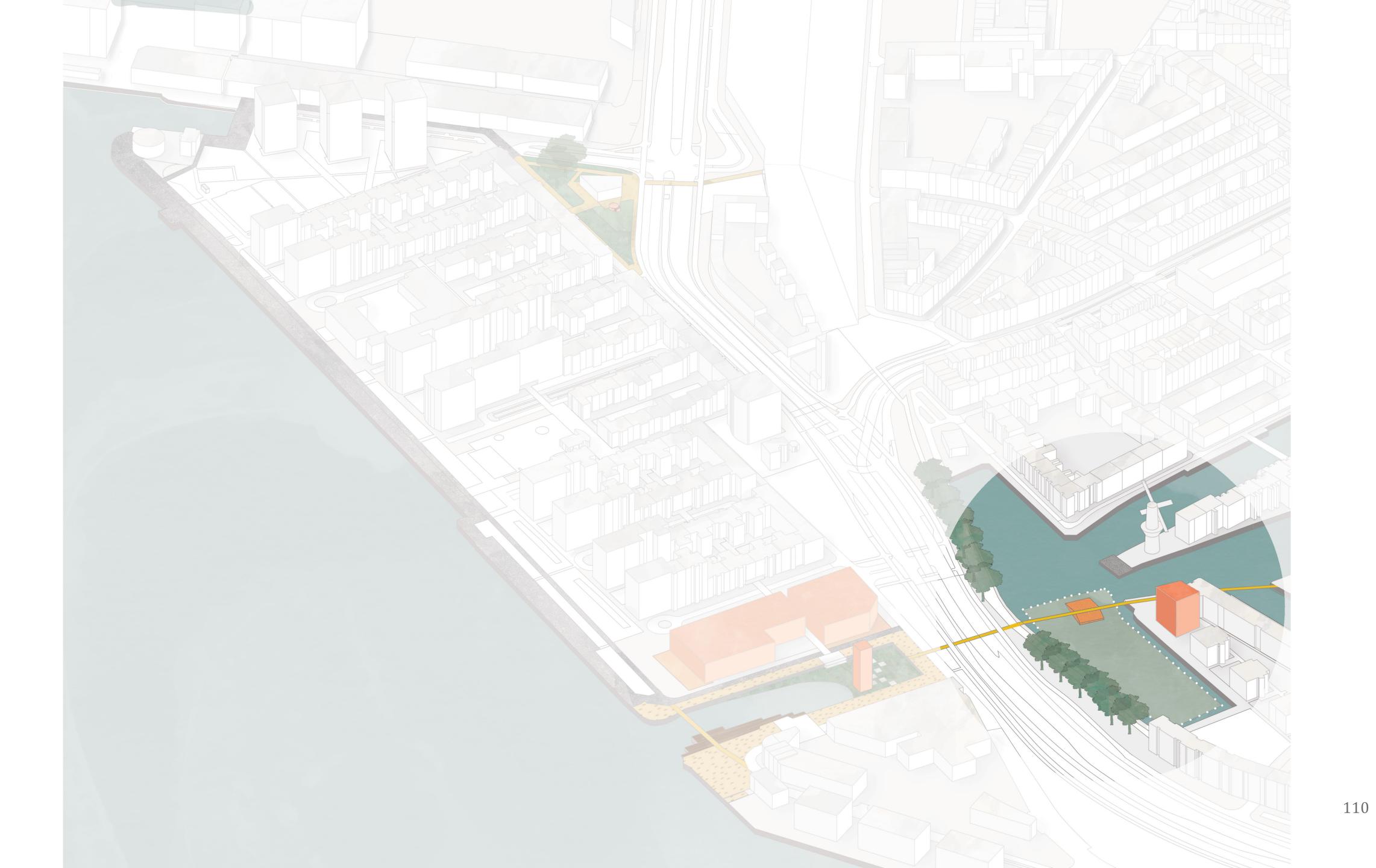
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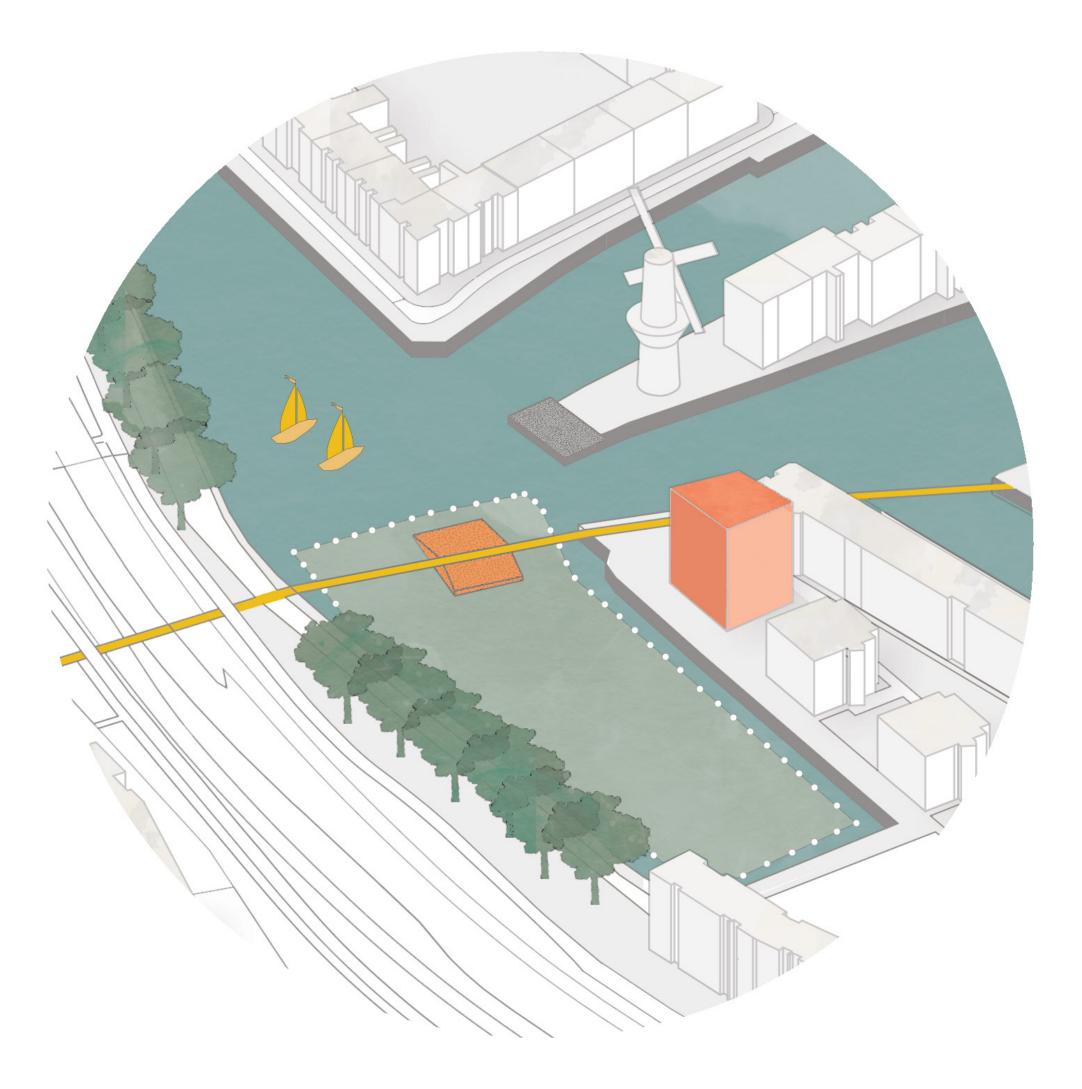
multiple use sports facilitations



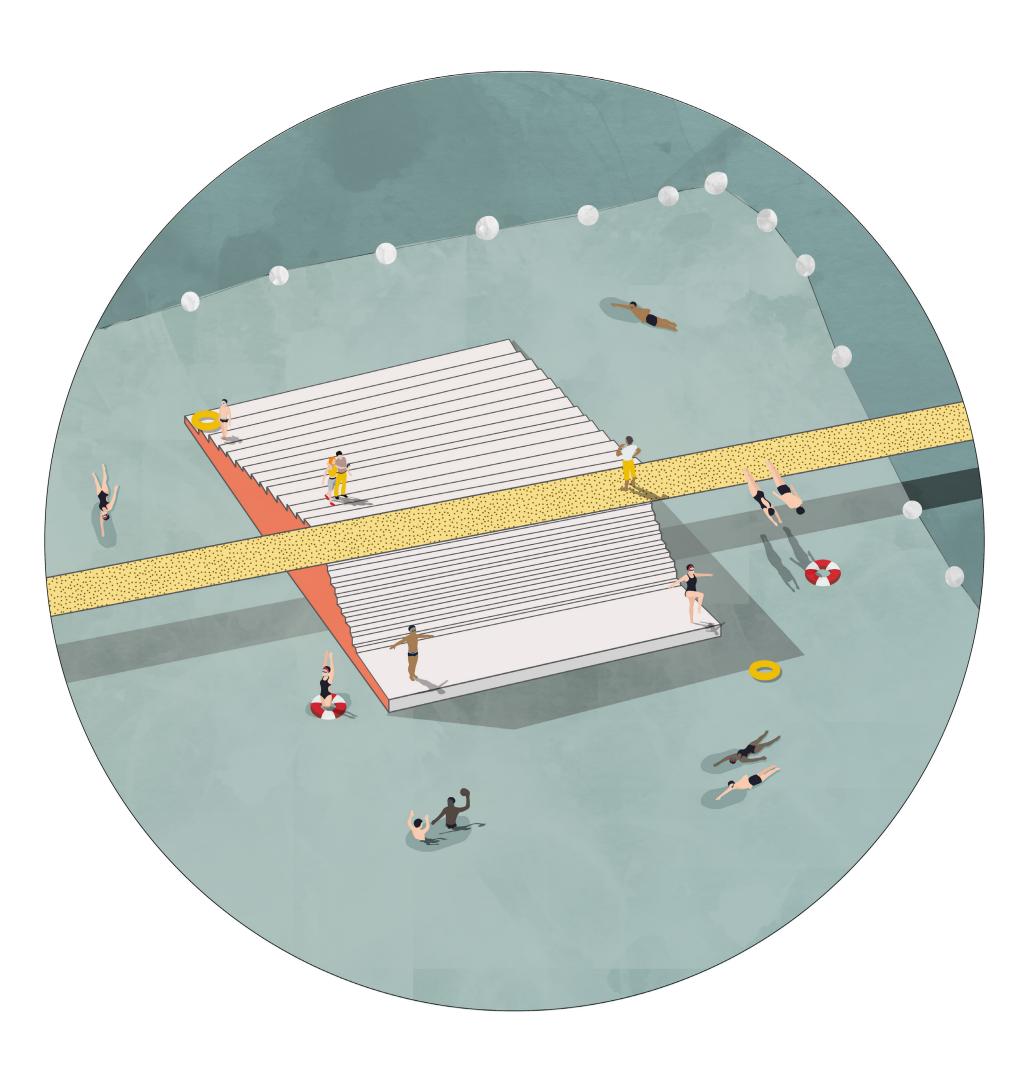




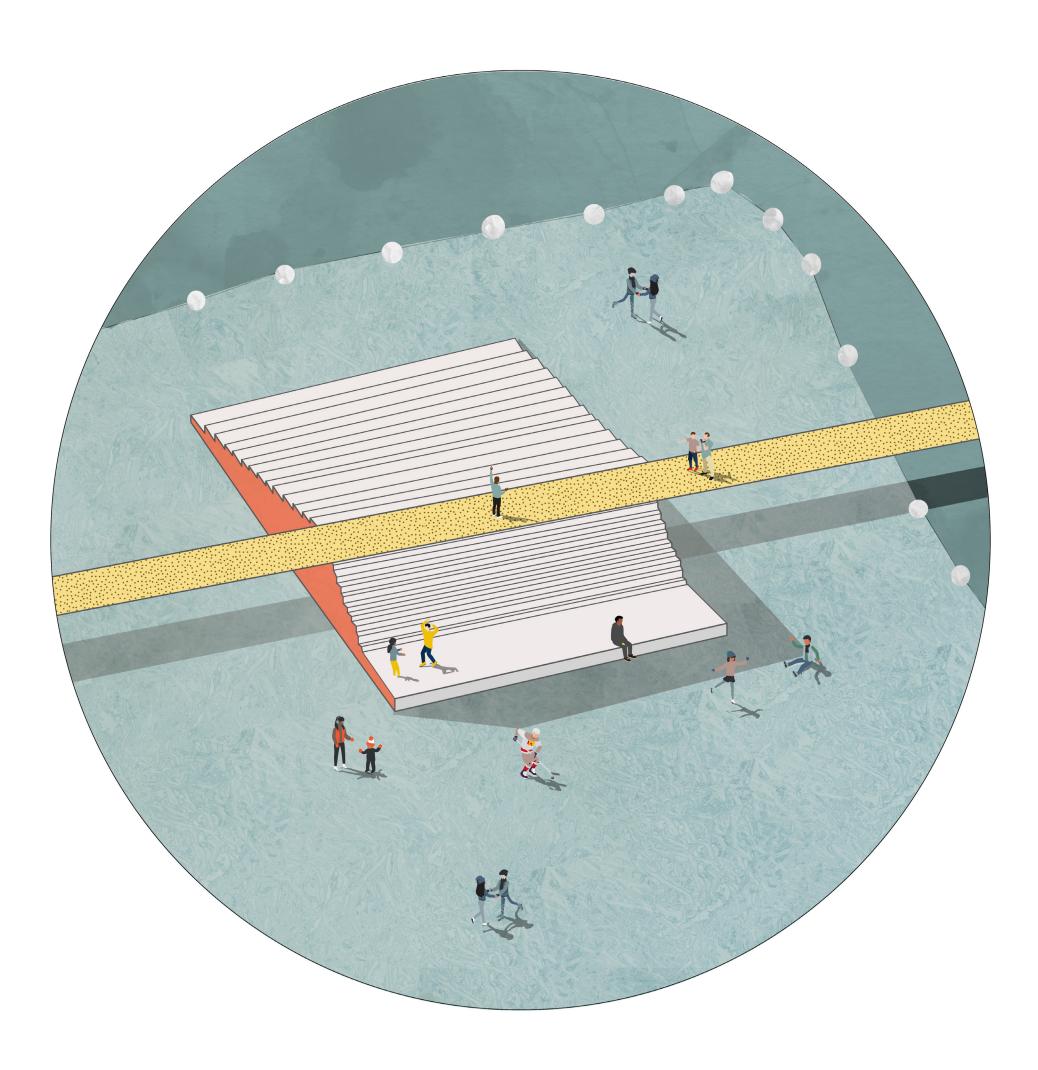














where there is a clear *hier*





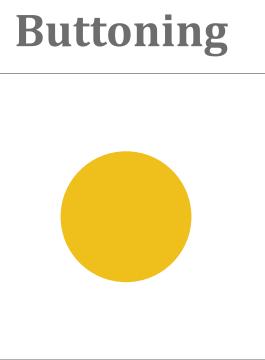
sense of place | euromast





appropriation of space | Mathenesserdijk







develop a *hier* through process of appropriation

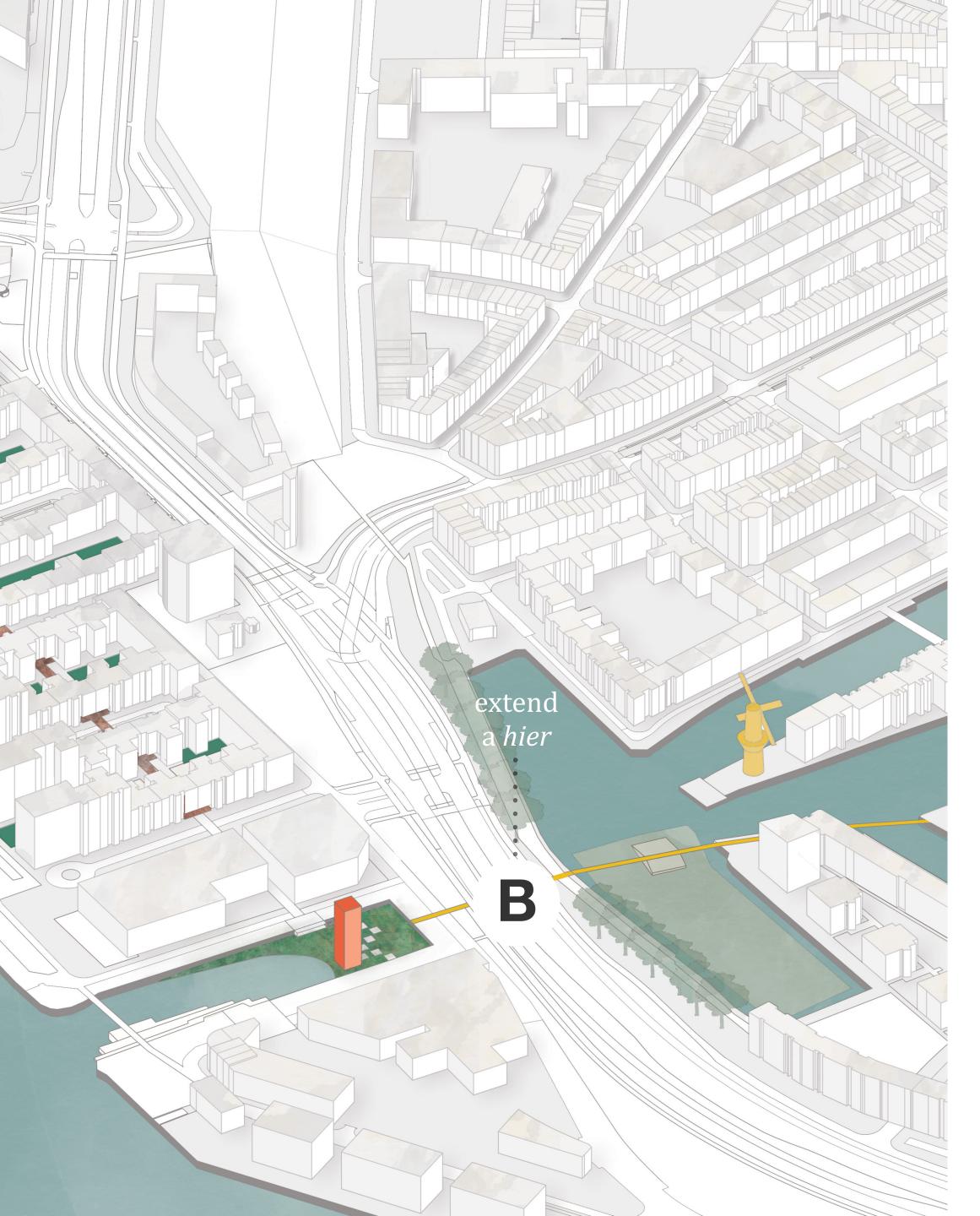
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emphasize a *hier*

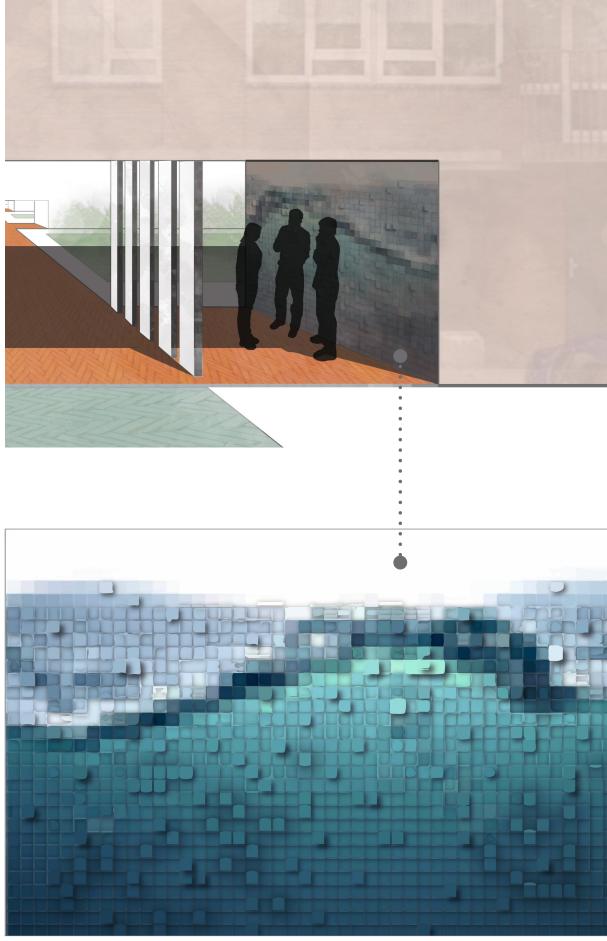
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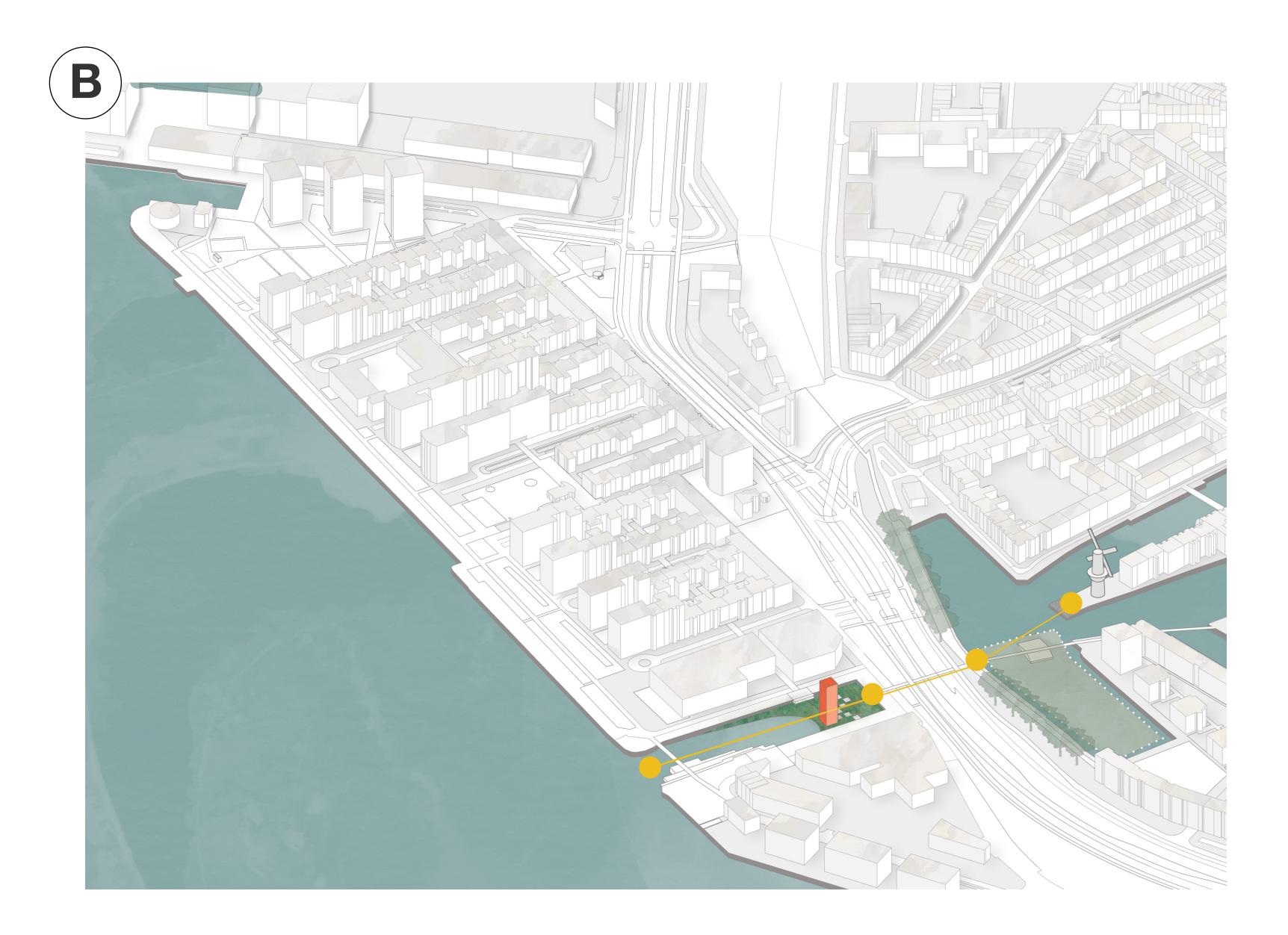




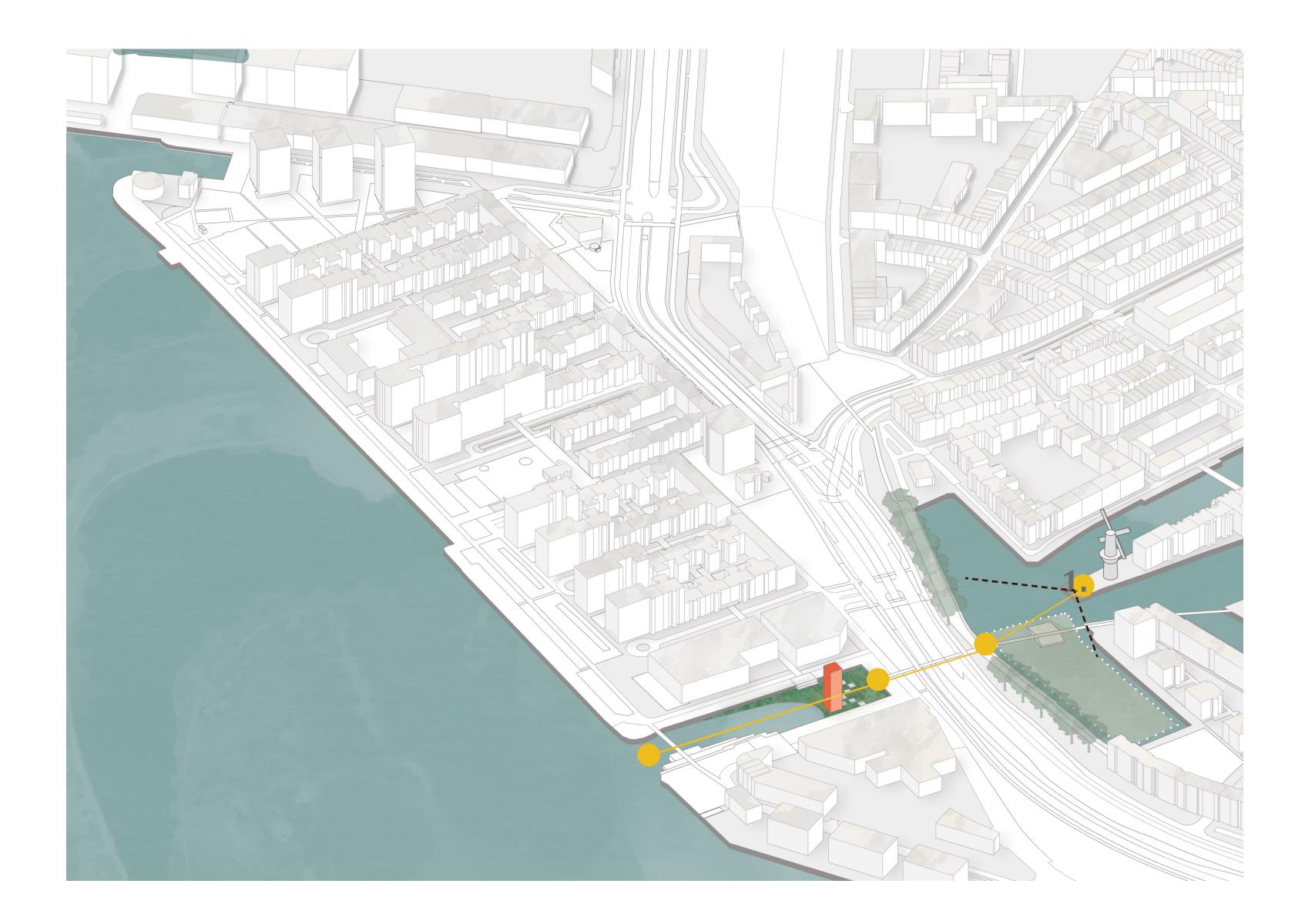


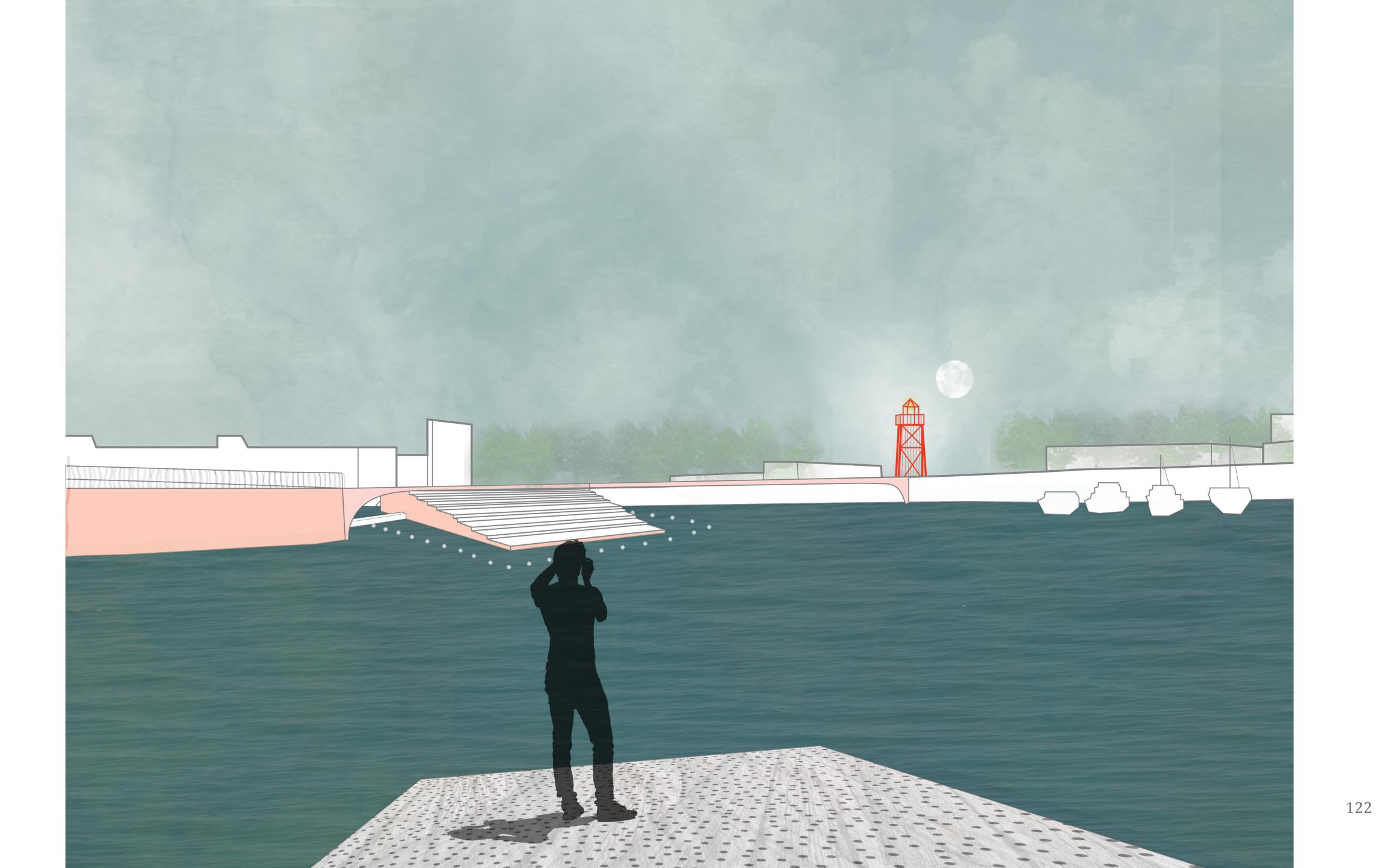


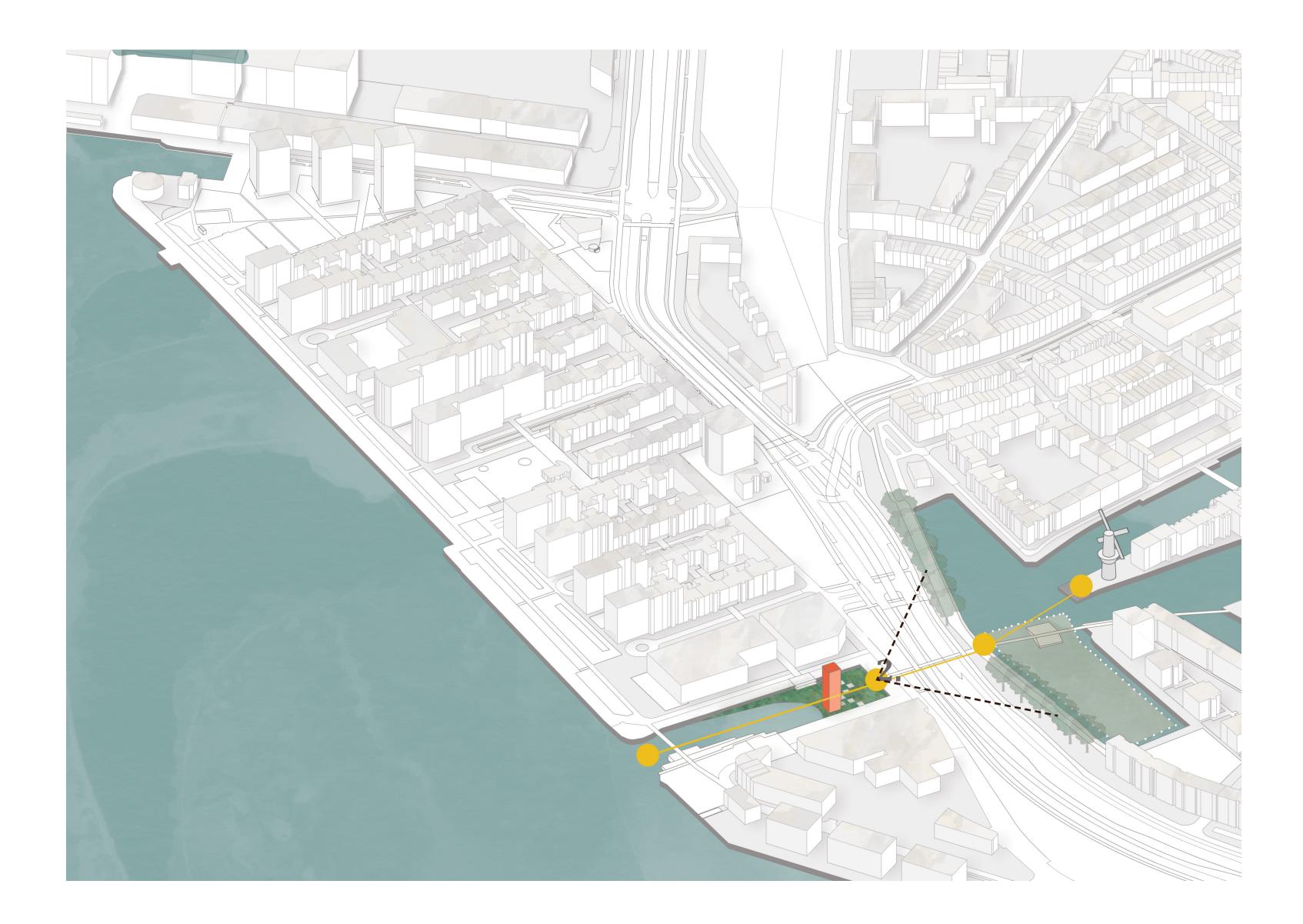




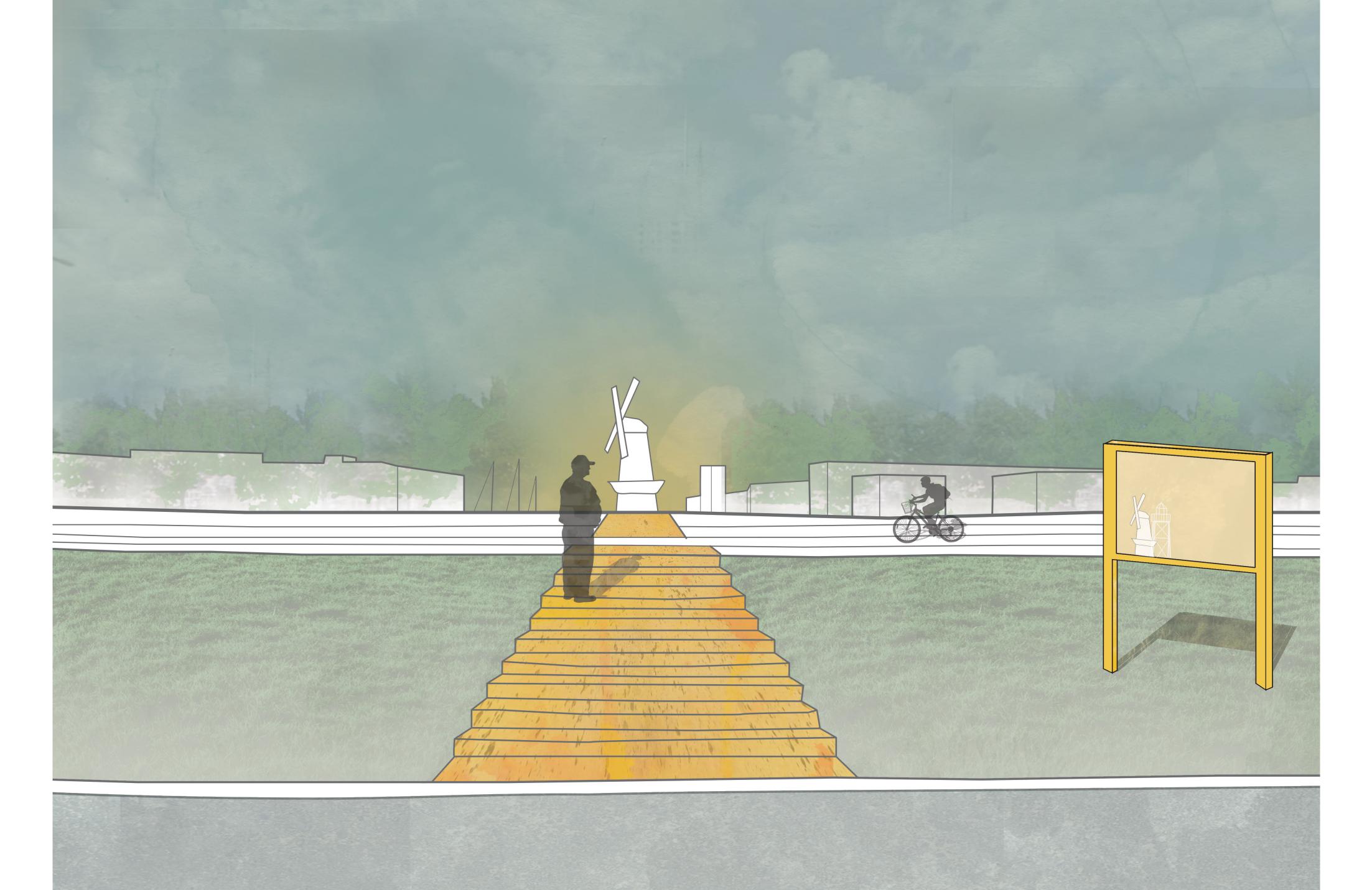














New borders for invitation in between places, buffers of 'hier' and 'daar'





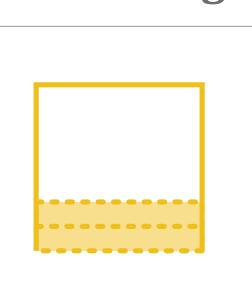
Distance | Programmatic border





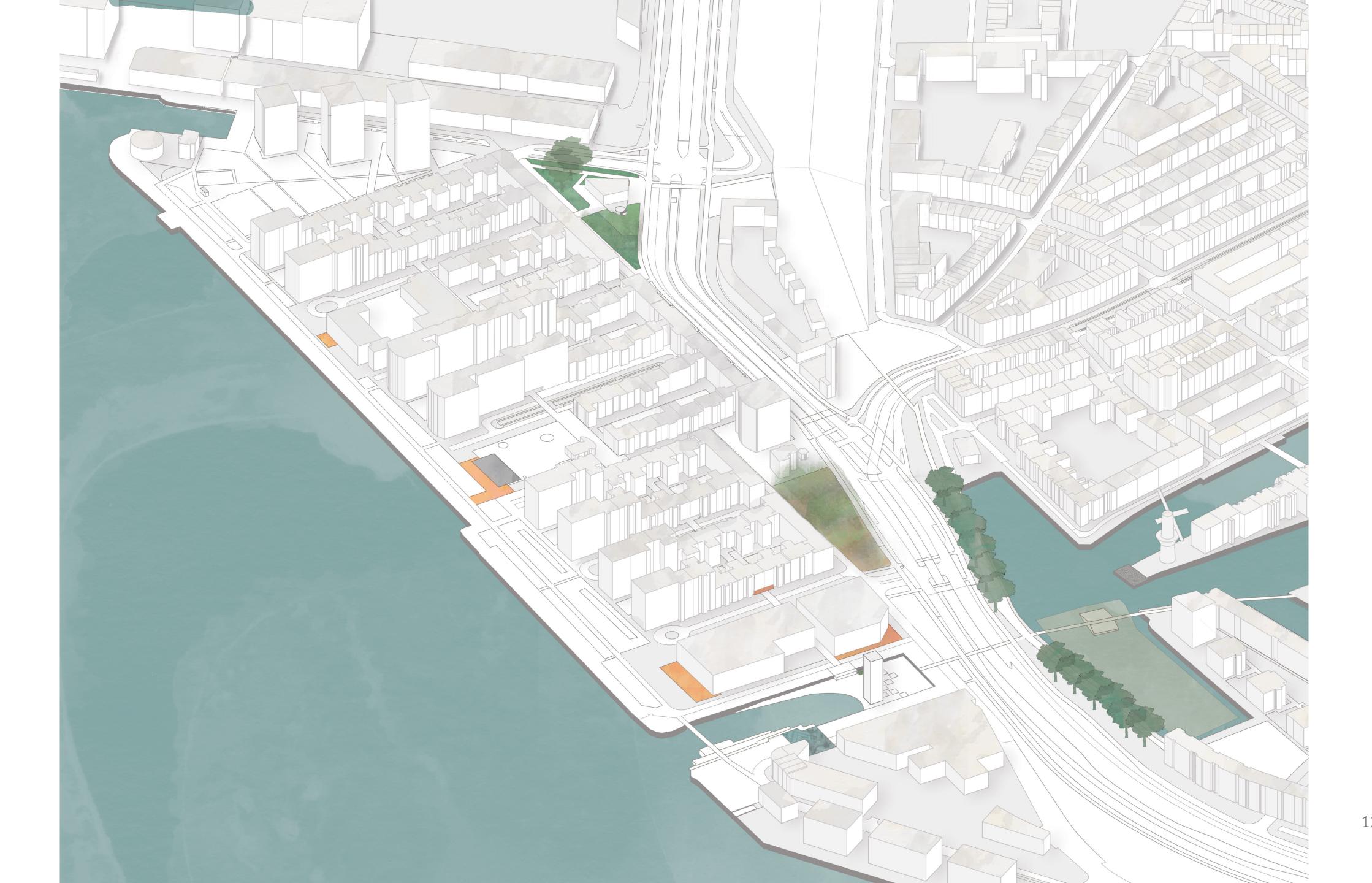
Invitation | Borders



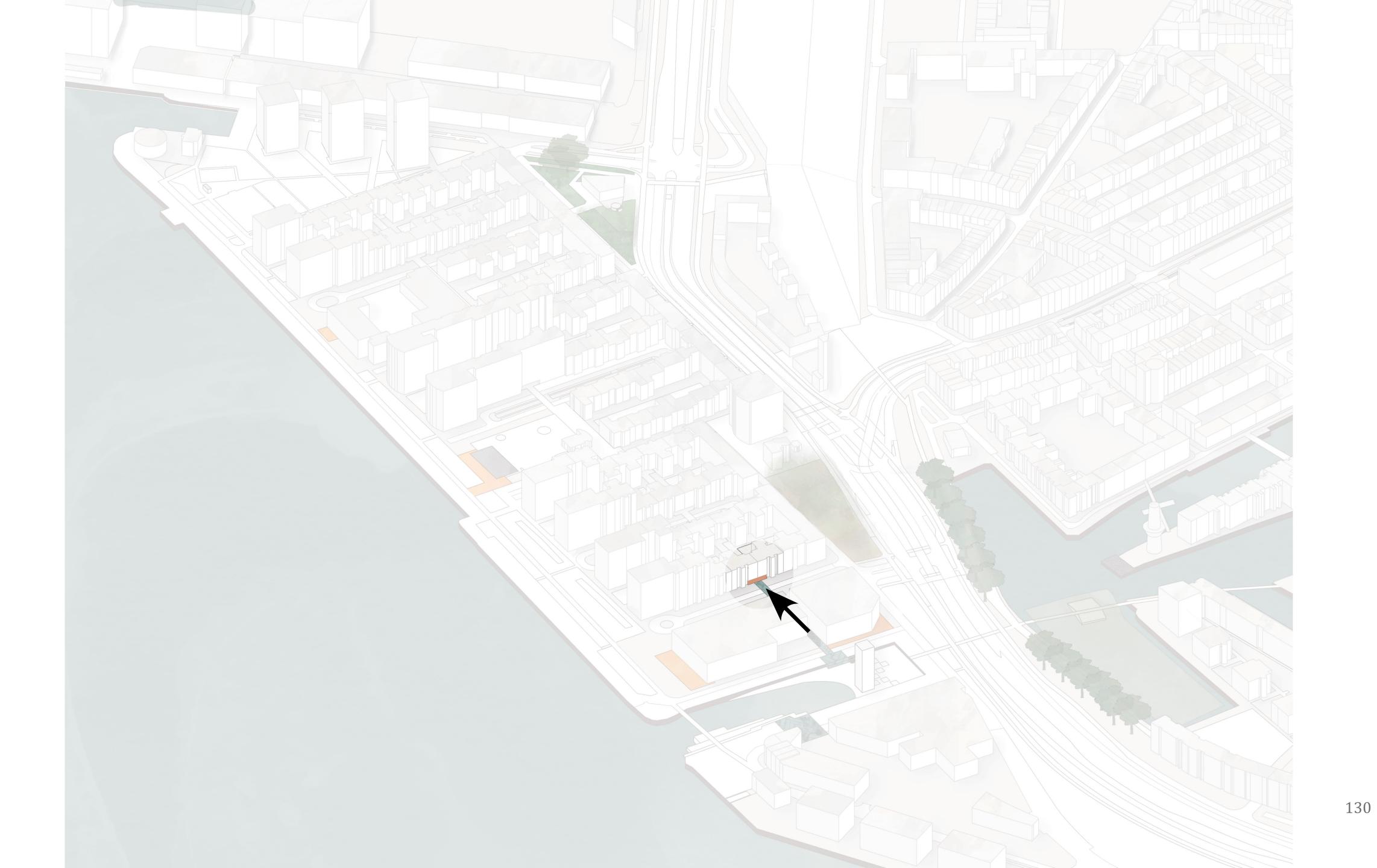








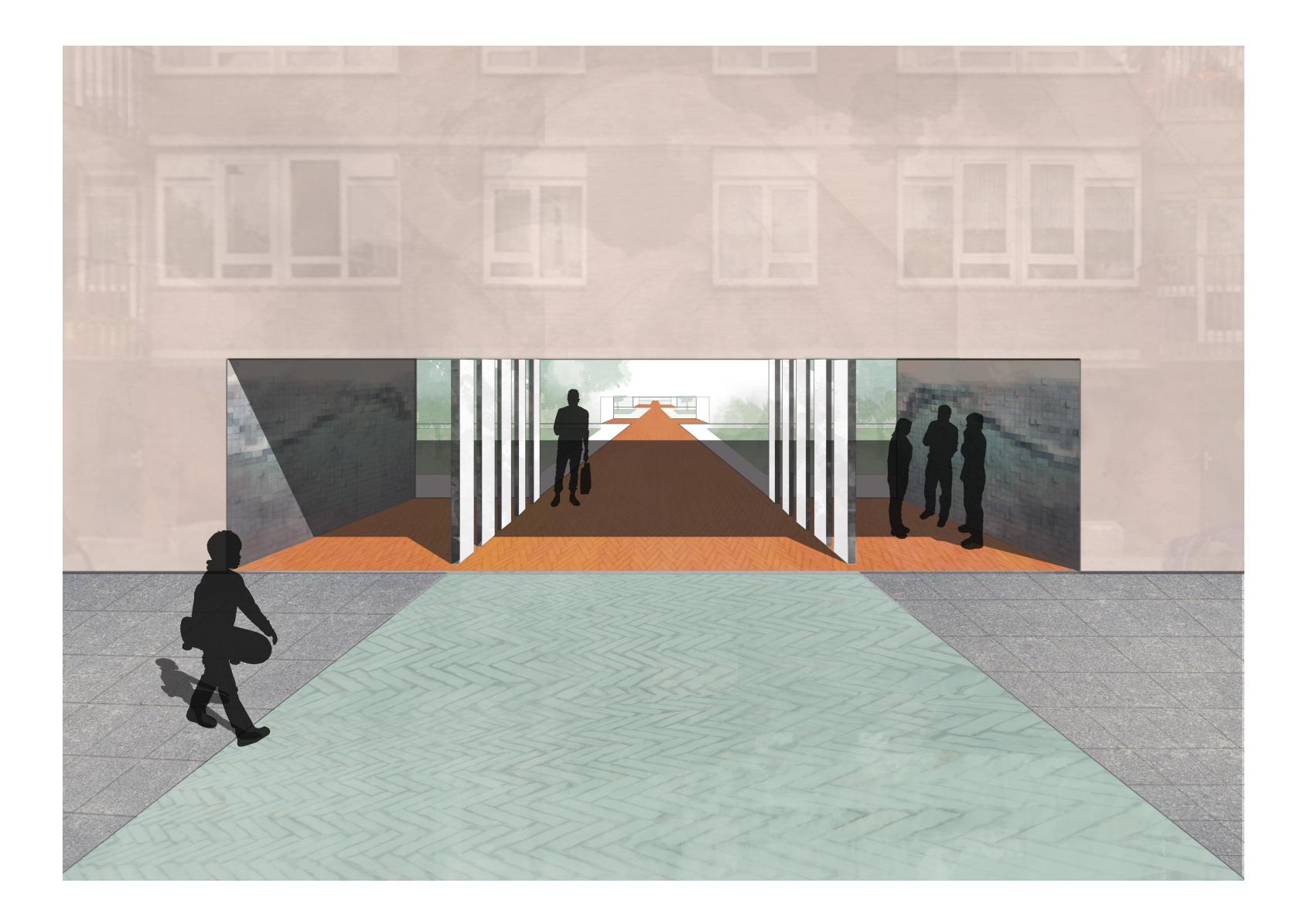




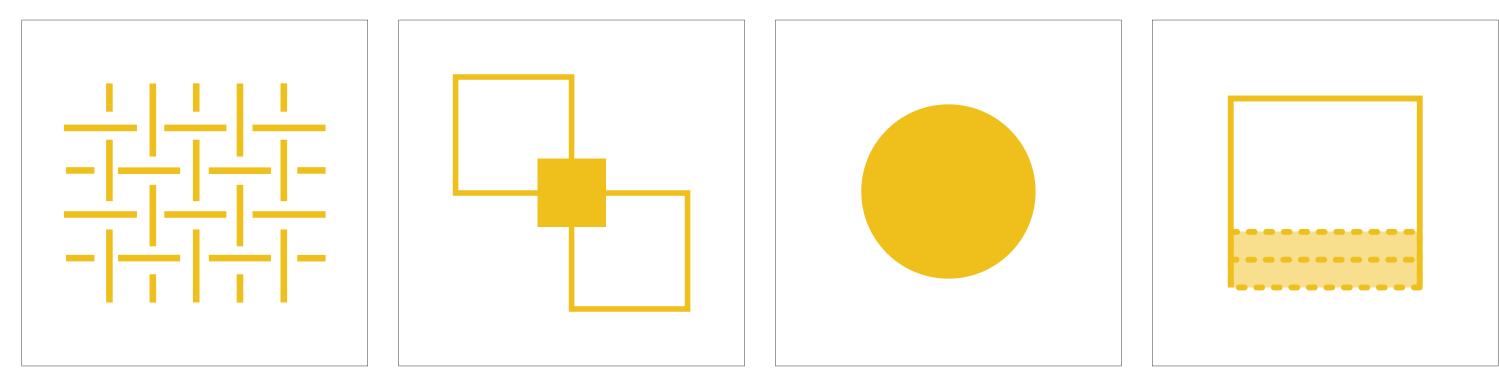












interweaving

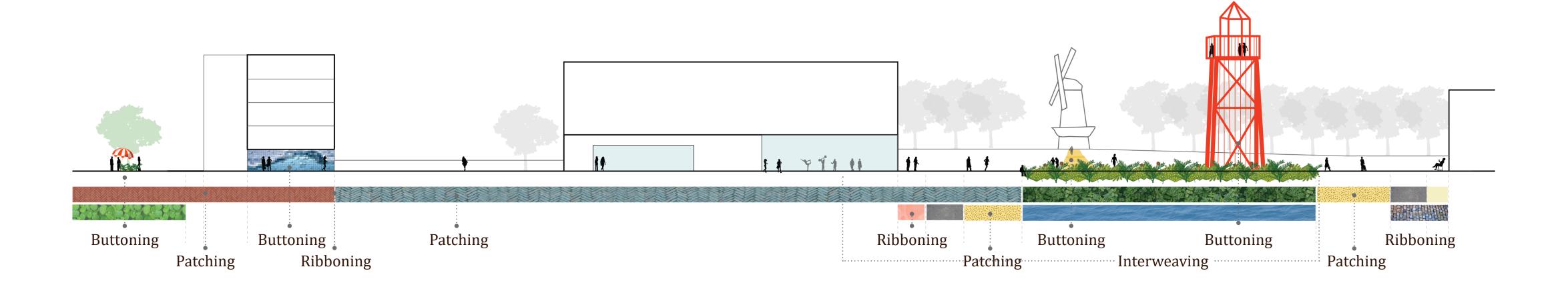
patching

buttoning

ribboning

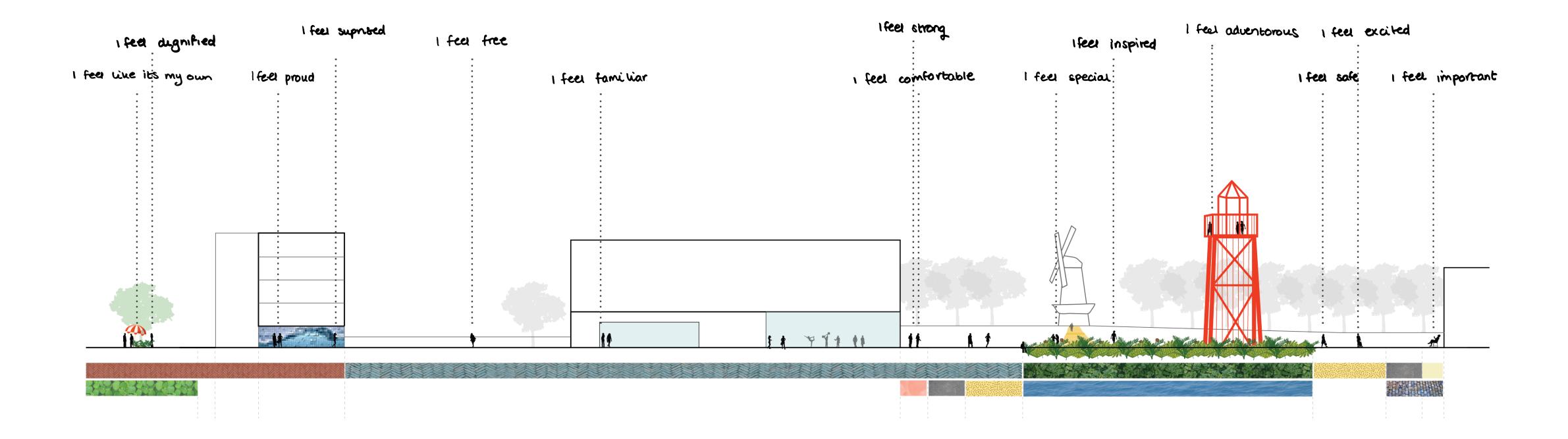












Negative: Positive | Dynamic connected area

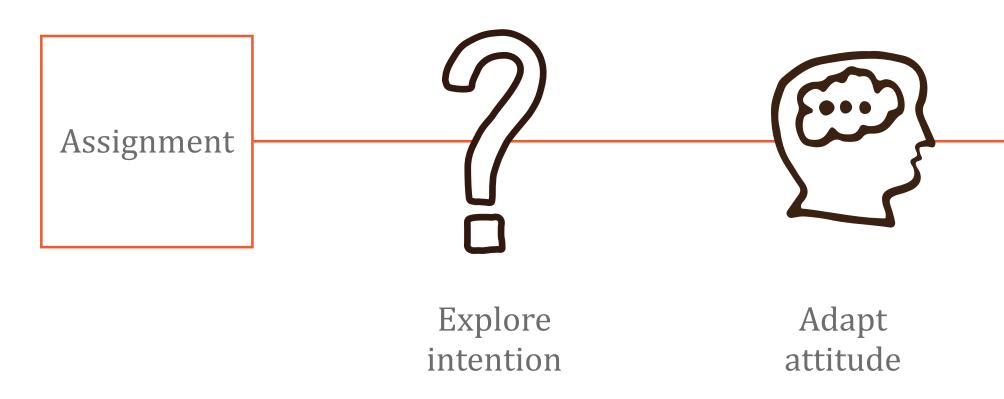


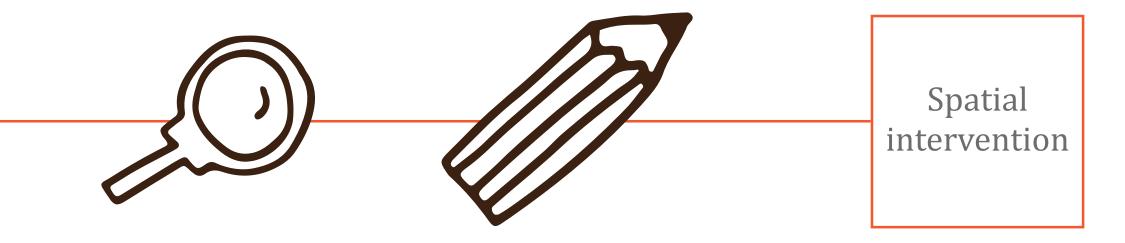
tO CON Clude

Ho an **urban** to foster the **va** for Schiemo an urban area with **h**

- How to use
- an **urban design process**
- to foster the value of connectivity
 - for Schiemond in Rotterdam,
- an urban area with **high residential diversity**?



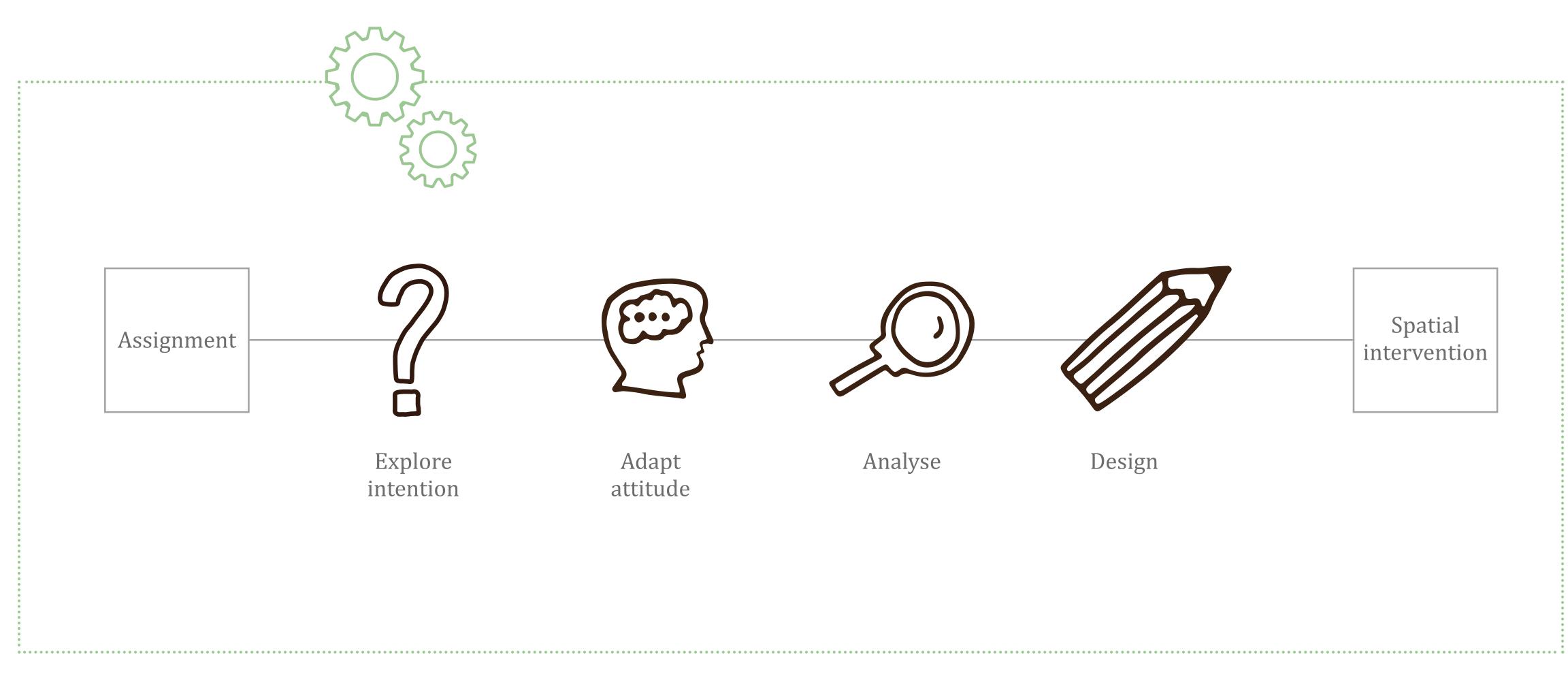


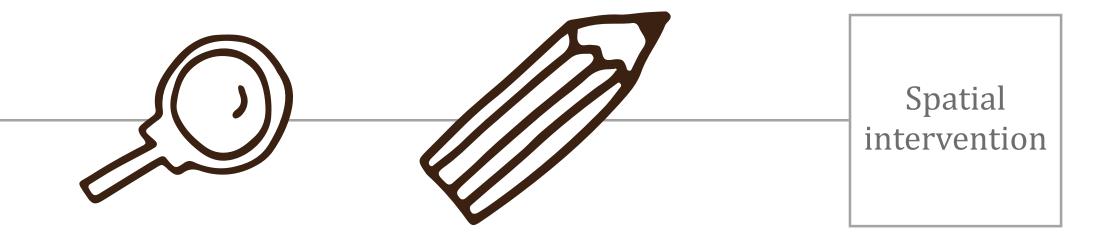


Analyse

Design



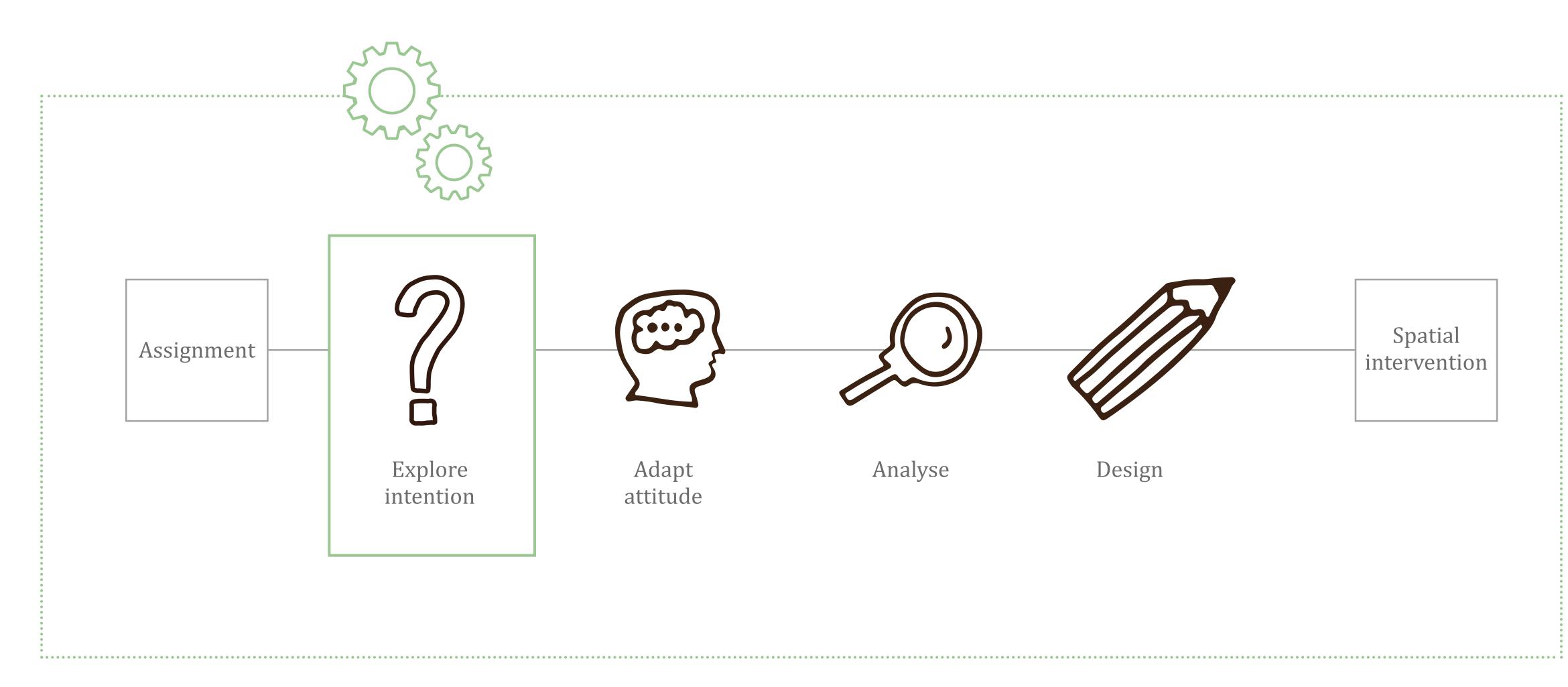


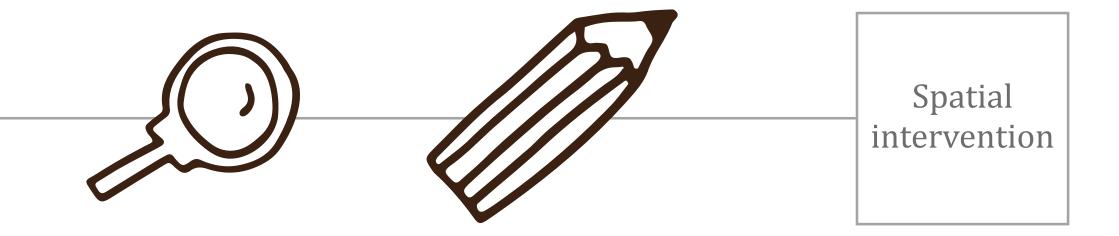


Analyse

Design

Design Mechanisms





Analyse

Design

