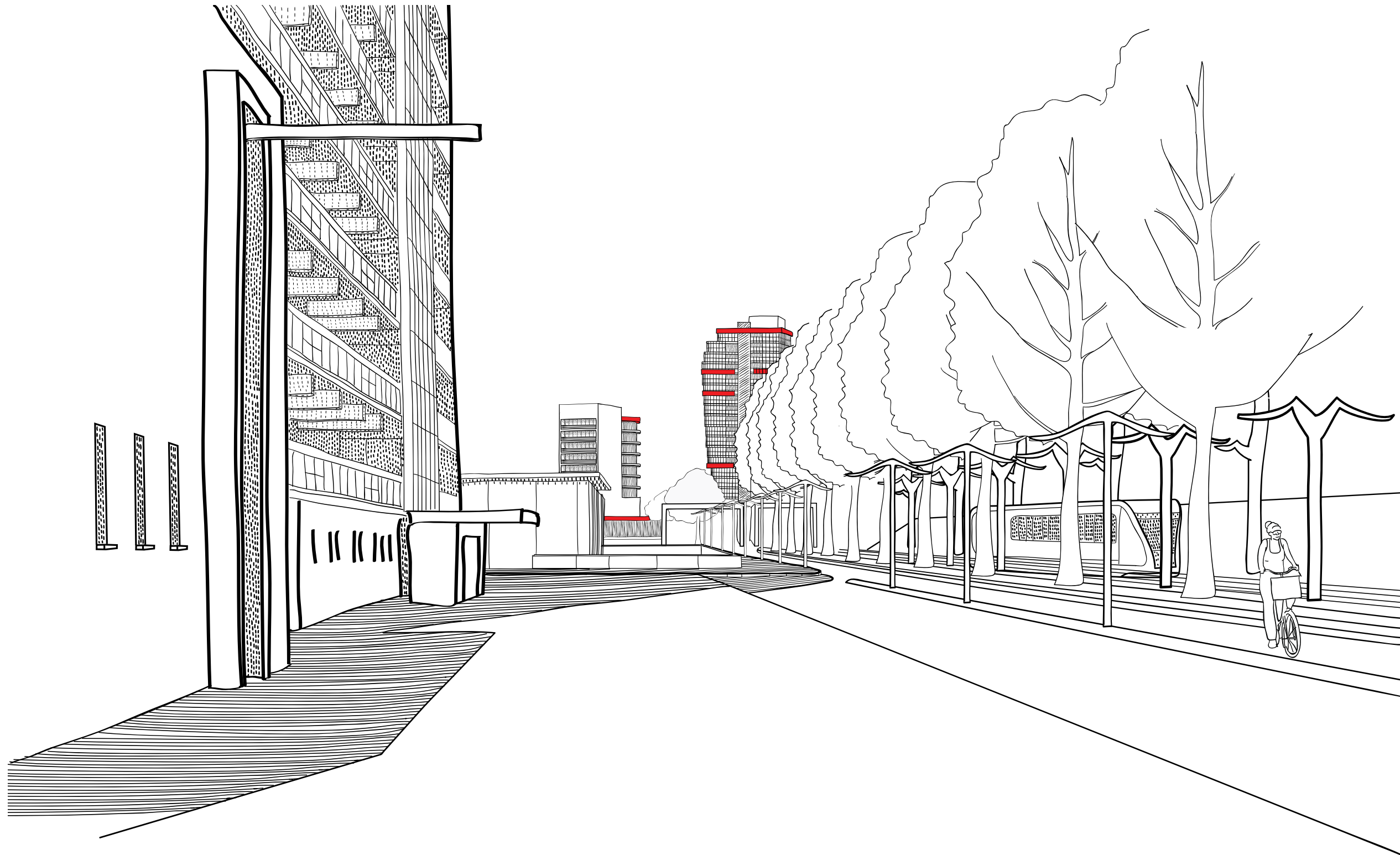


# DE ERVARING VAN DE OPENBARE RUIMTE IN DEN HAAG ZUID OOST



AFSTUDEERPRESNTATIE COBIEN BRUGGELING

# OPENBARE RUIMTE



*De Riviervismarkt gezien  
naar het Westeinde*

*Jan Steen 1652* 2/76

# OPENBARE RUIMTE



# OPENBARE RUIJITE

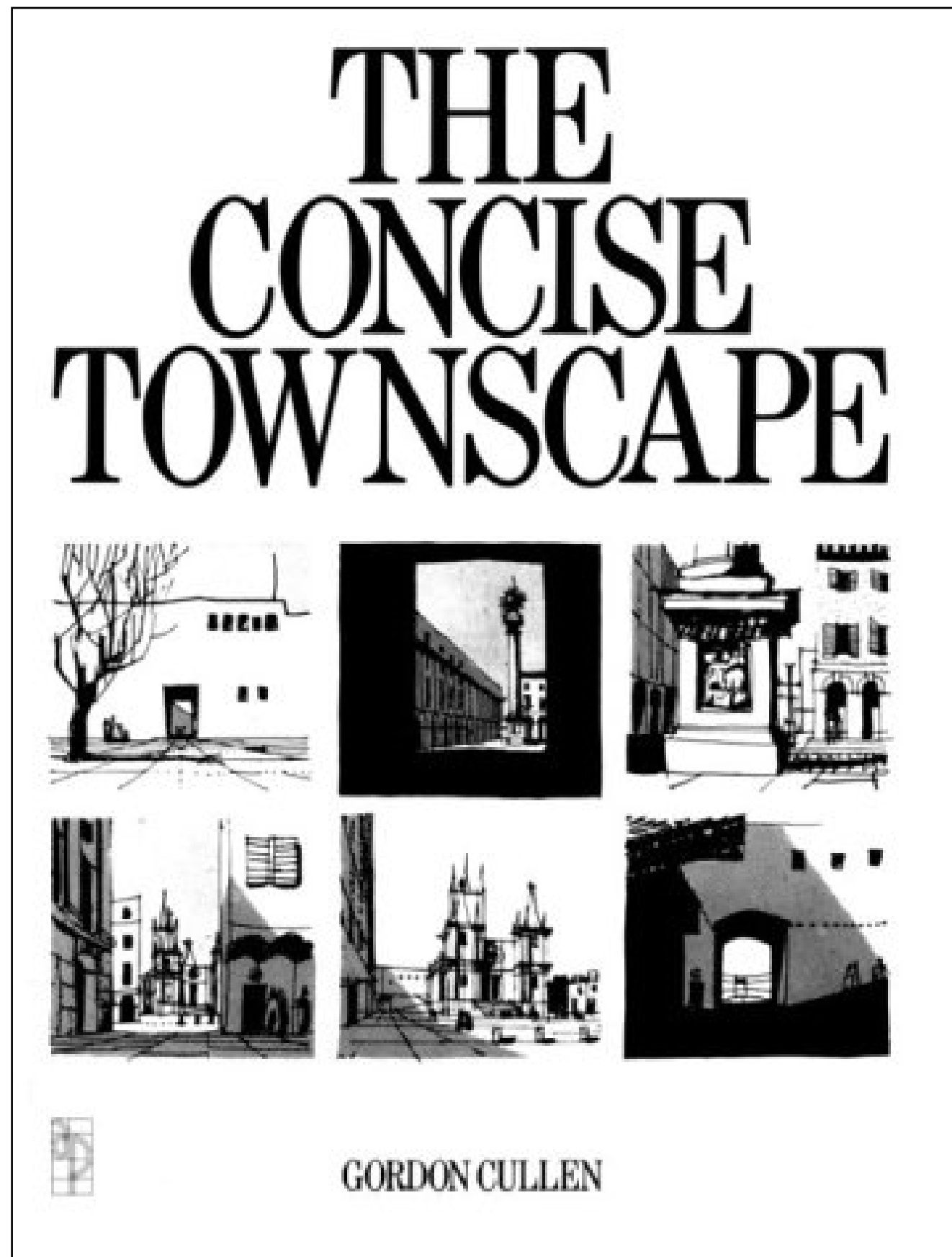
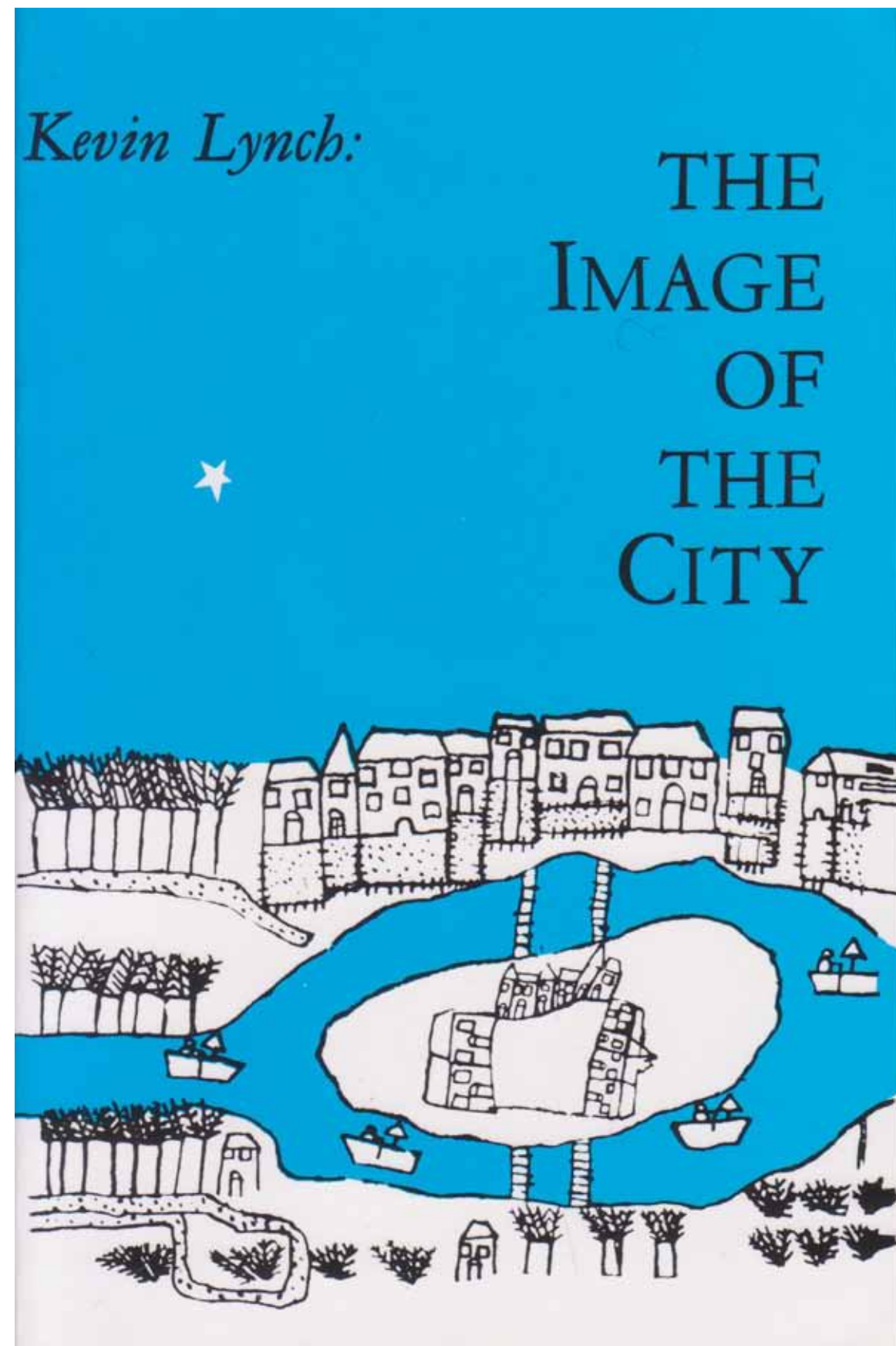


# OPENBARE RUIIMTE



# OPENBARE RUIMTE



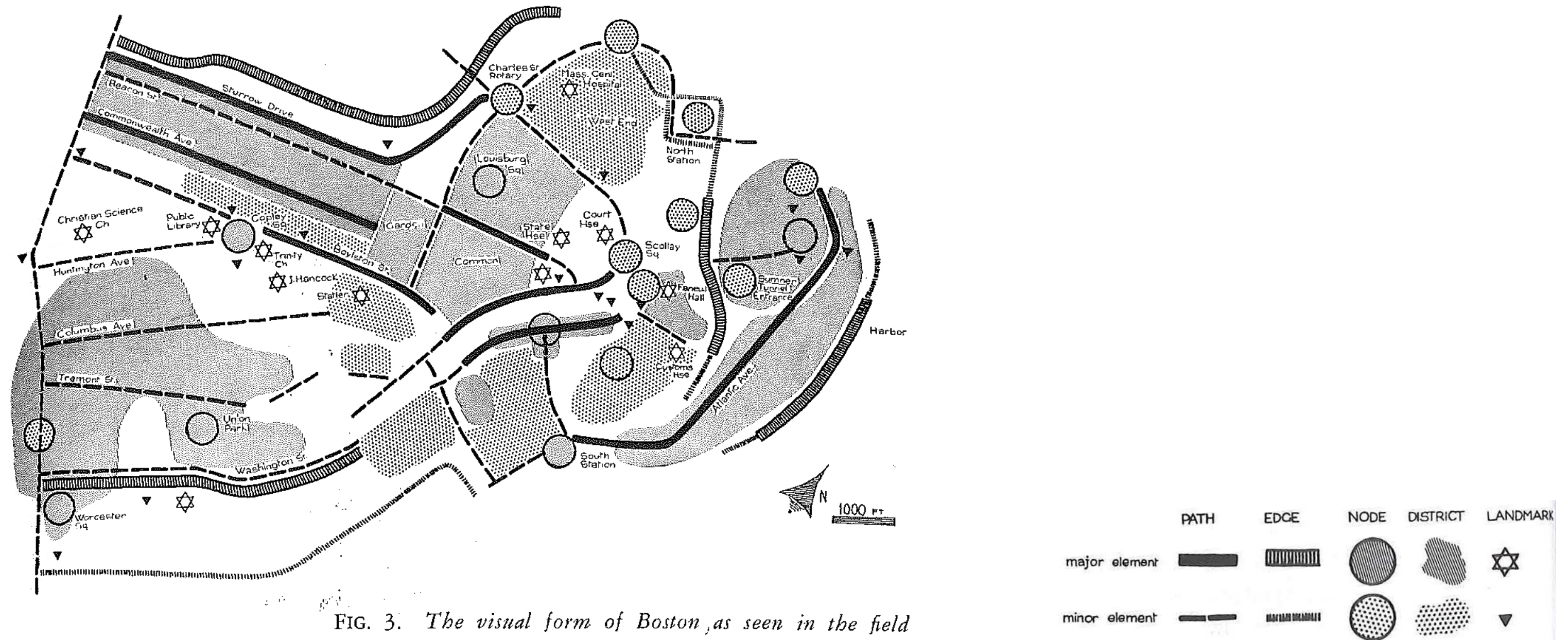


*Opbouw presentatie:*

- THEORIE
- STEDENBOUWKUNDIG ONTWERP
- ARCHITECTONISCH ONTWERP



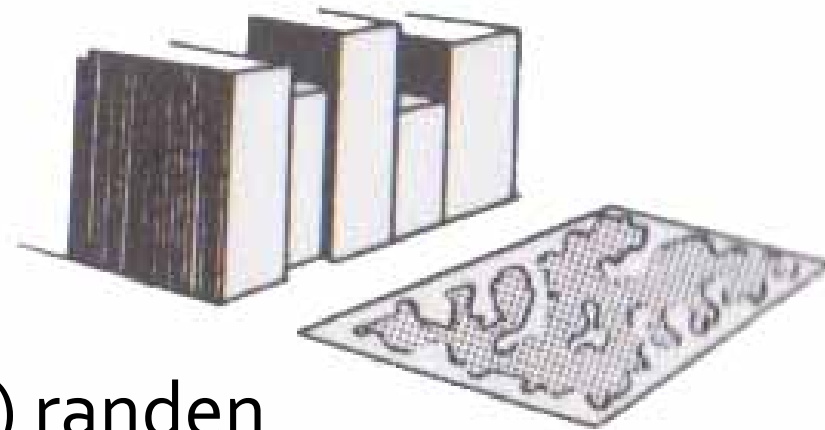
## Kevin Lynch: (1960) "The image of the city"



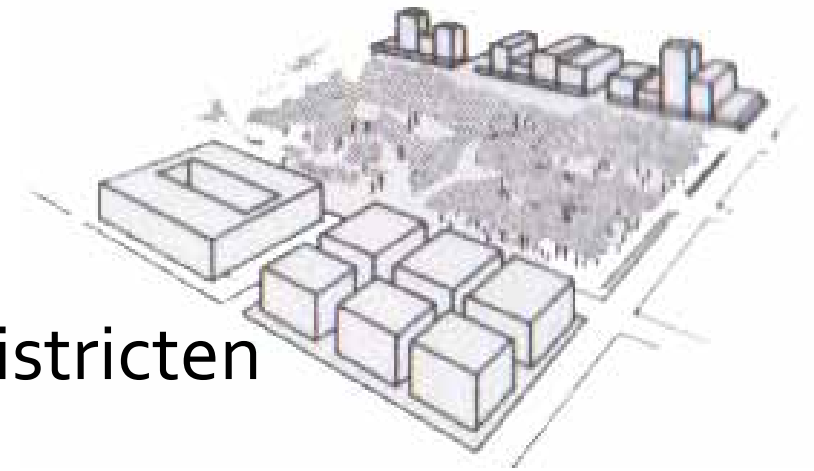
## Kevin Lynch (1960): "The image of the city"



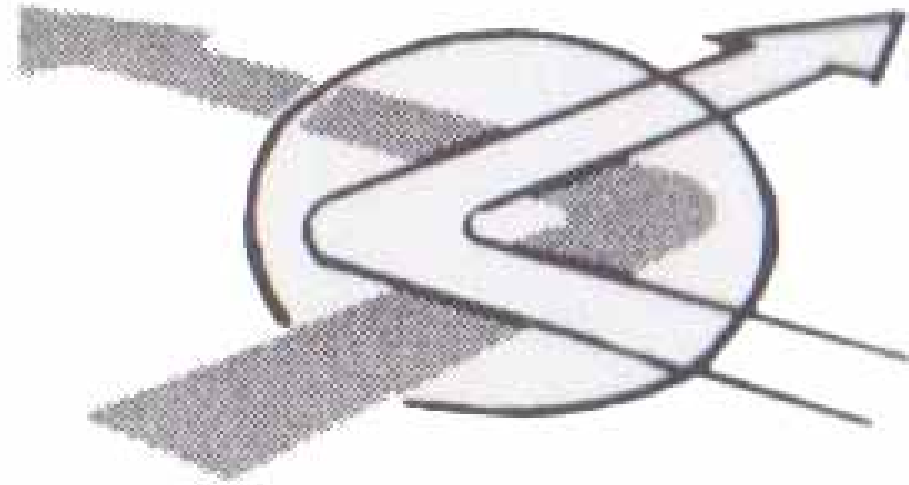
(1) paden



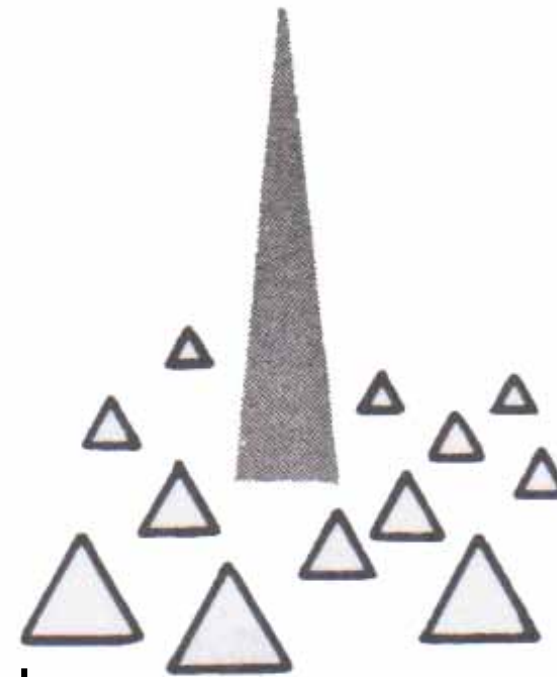
(2) randen



(3) districten



(4) knoop

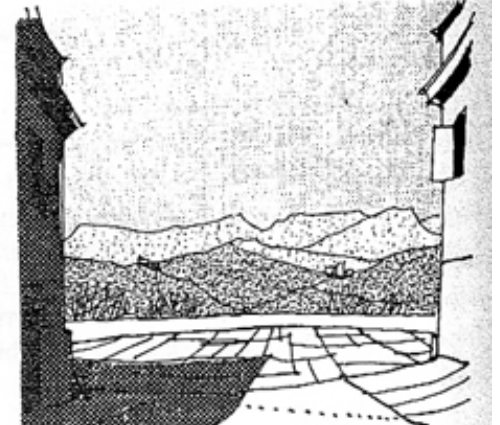
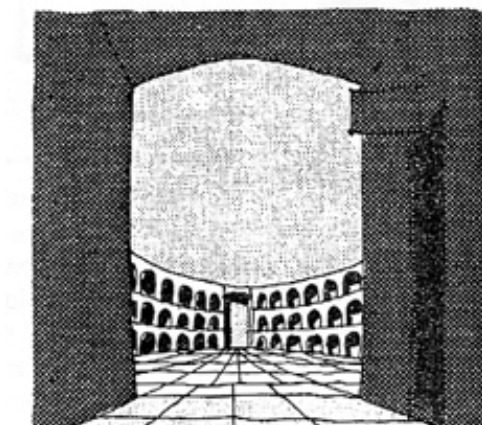
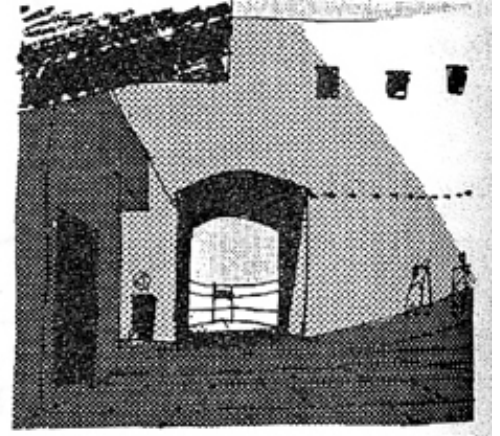
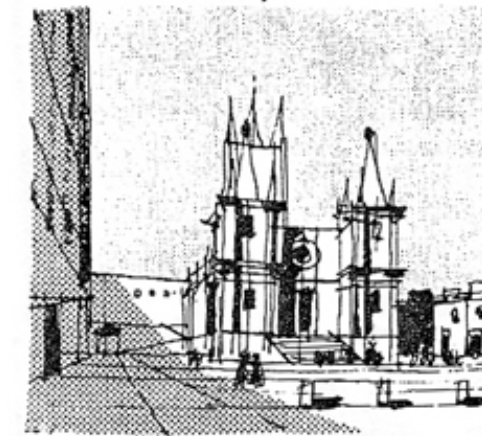
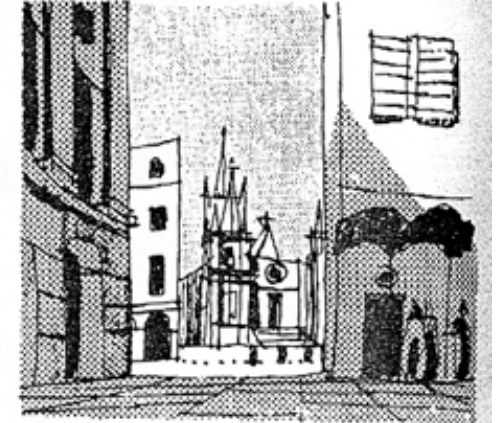
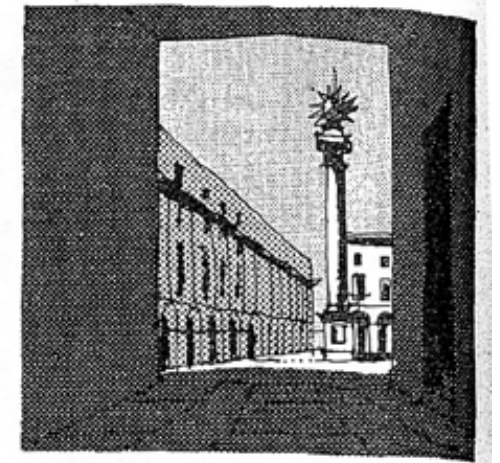
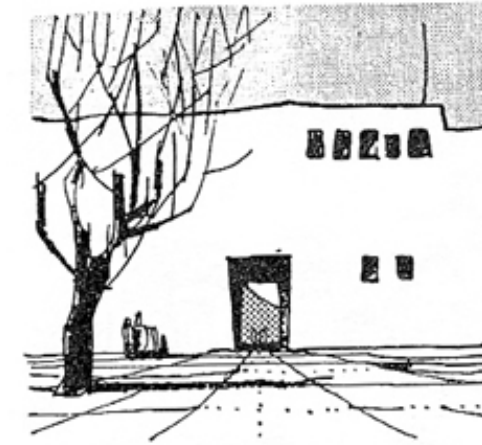
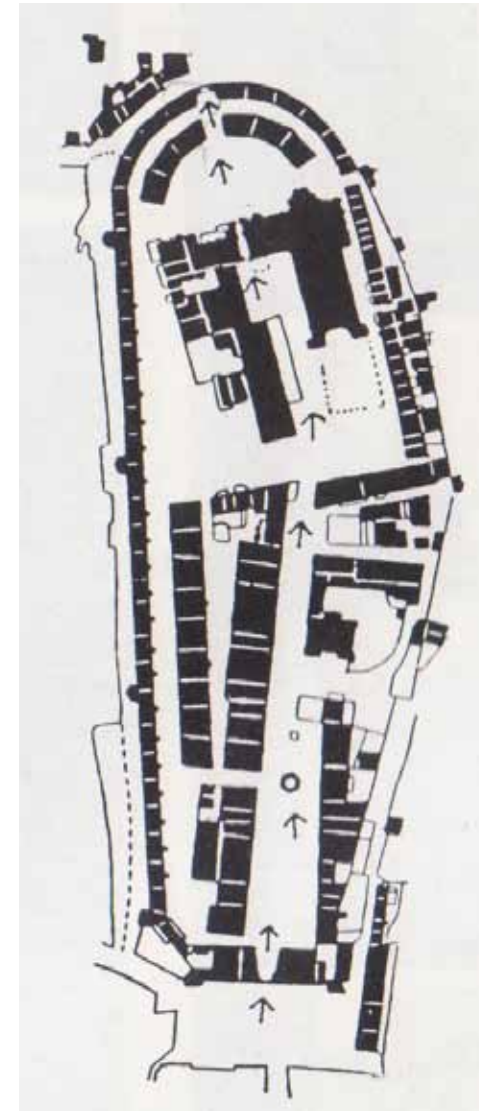


(5) landmarks

	PATH	EDGE	NODE	DISTRICT	LANDMARK
major element					
minor element					

## Gordon Cullen (1961): "The Concise townscape"

- Ooghoogte





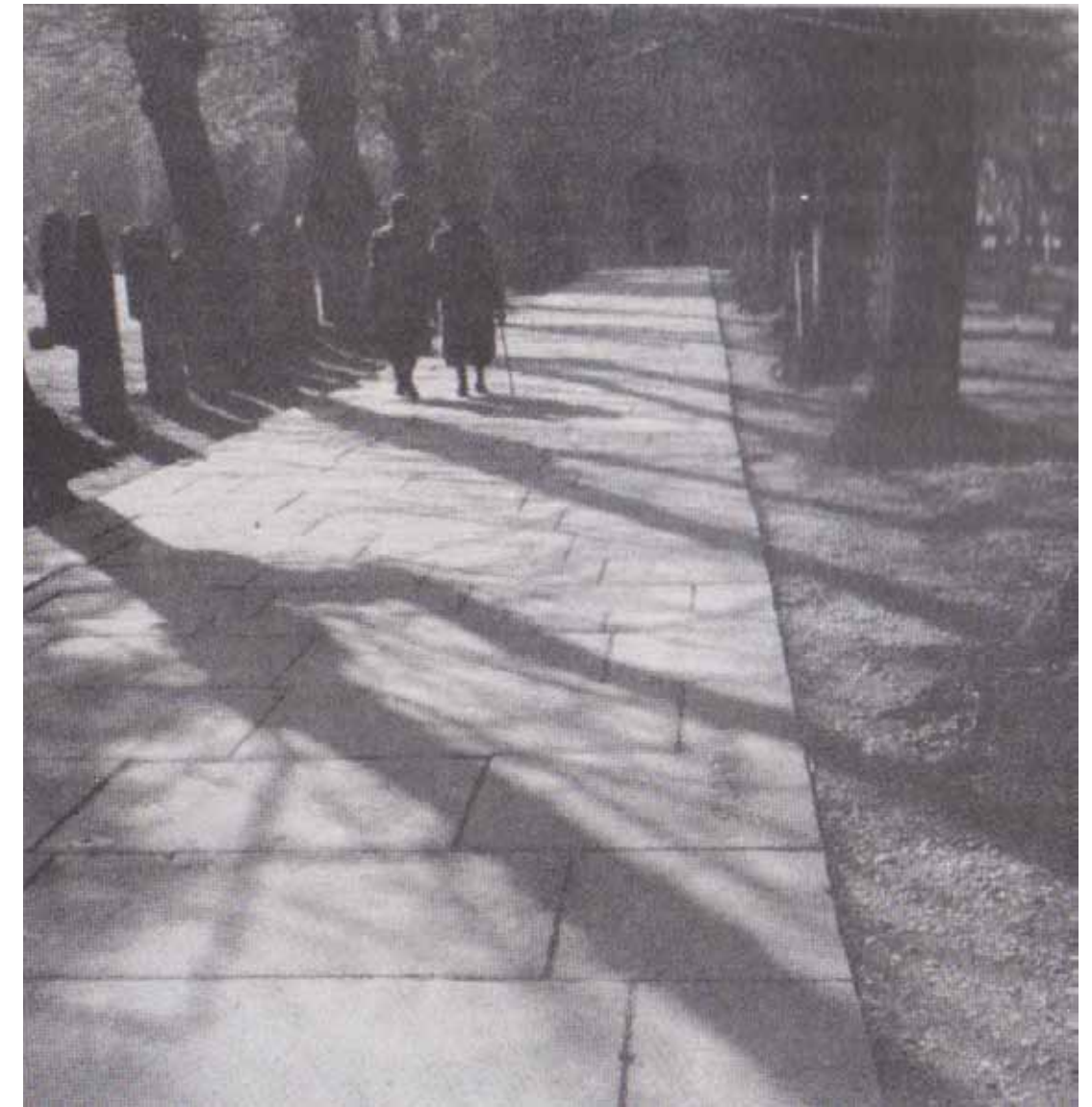
# THEORIE







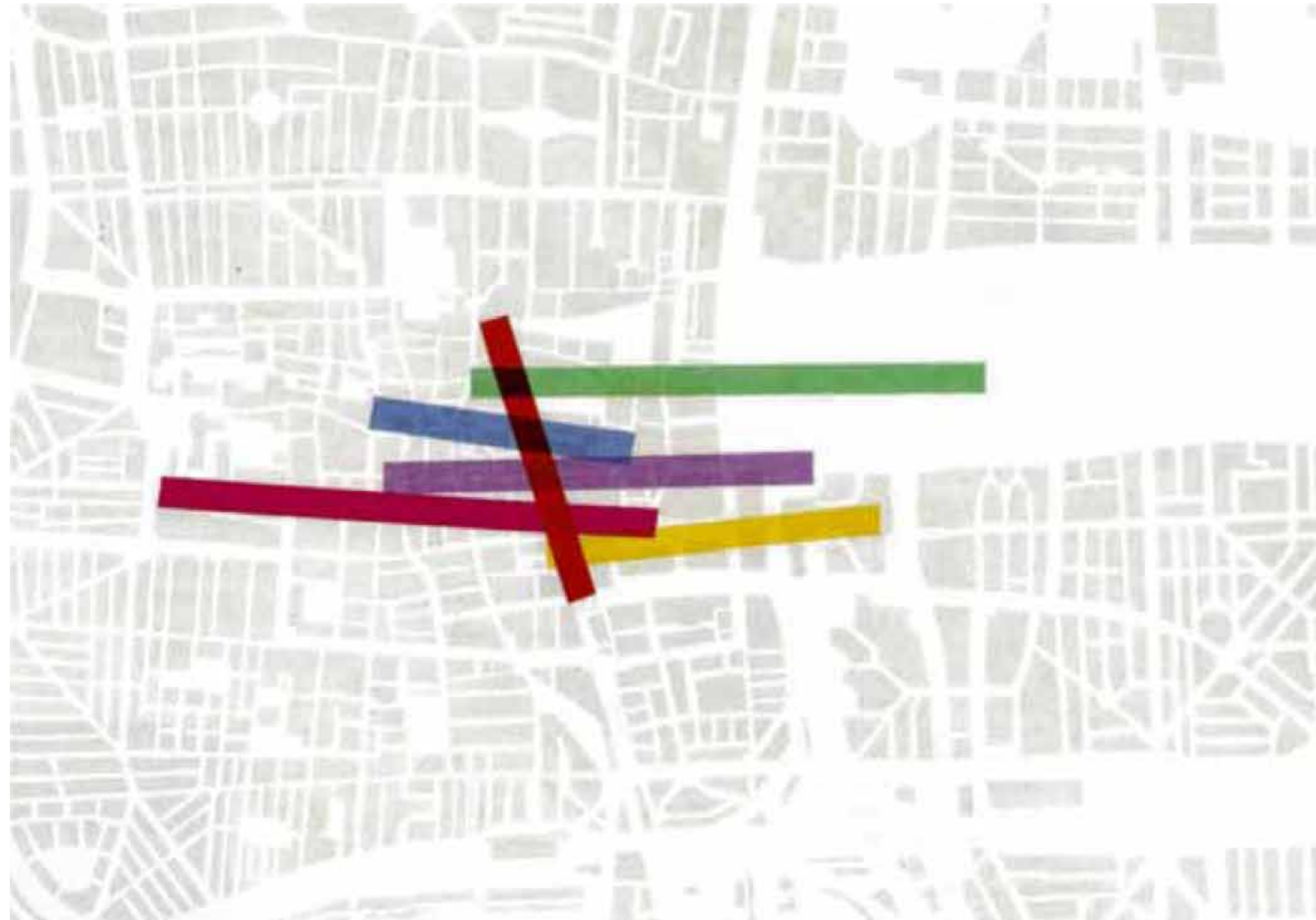
Possession of place



Possession of movement

Cullen (1961) p. 22-23

## *Plan gemeente Den Haag jaren 80*





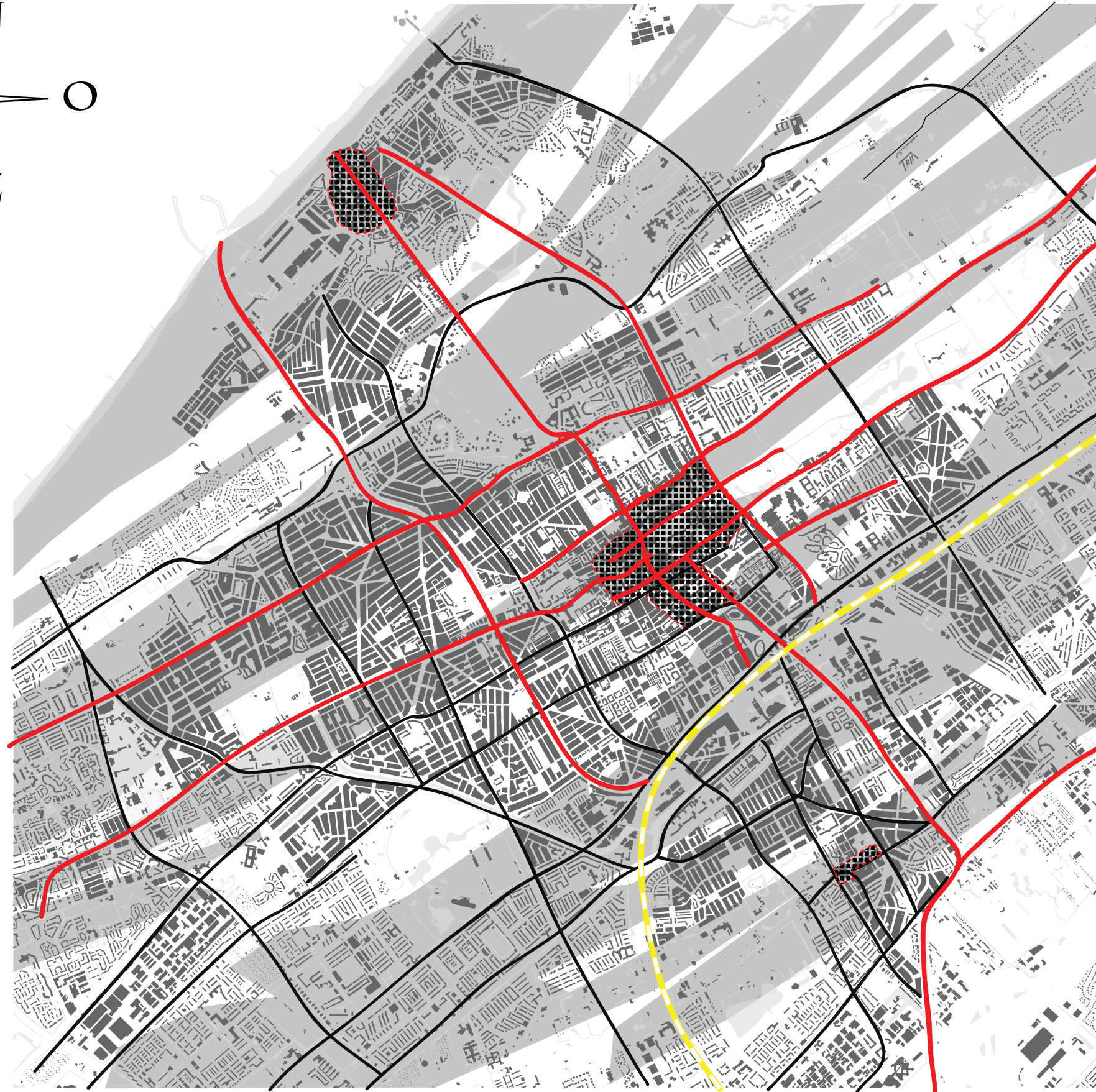
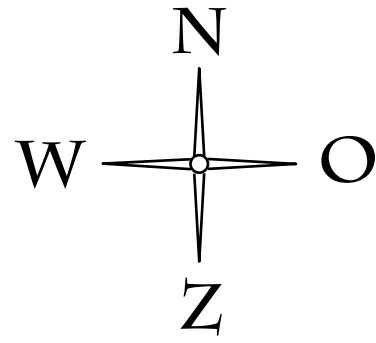
# DE KERN GEZOND








*Samenhang plekken*

Theorieën van 50 jaar geleden zijn nog steeds geldig:

# DEN HAAG



-  *Original lines*
-  *Later formed lines*
-  *Railway*
-  *Sand belts*
-  *Original settlements*

*Verstoring grid in Den Haag Zuid Oost*



# DEN HAAG ZUID OOST

## *Kaalgeslagen plekken*



50 feet 25 m

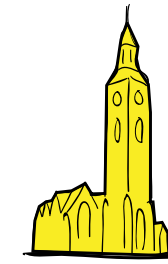
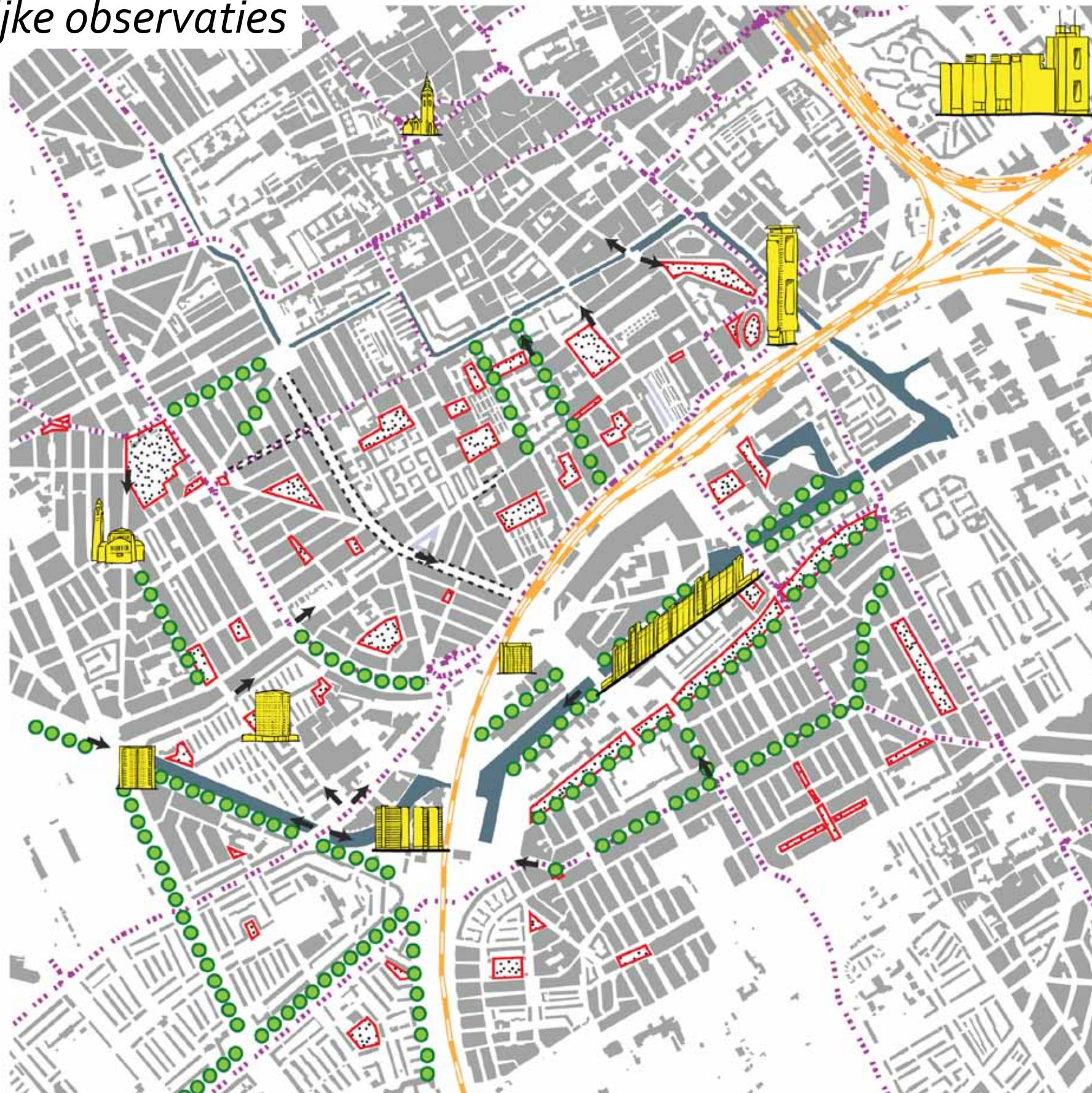
© 2013 BLOM. Image courtesy of Simmons © 2013 Microsoft Corporation

## *Ontbreken kwalitatieve openbare ruimte*



# ANALYSE

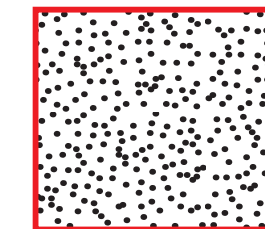
## Persoonlijke observaties



hoge gebouwen



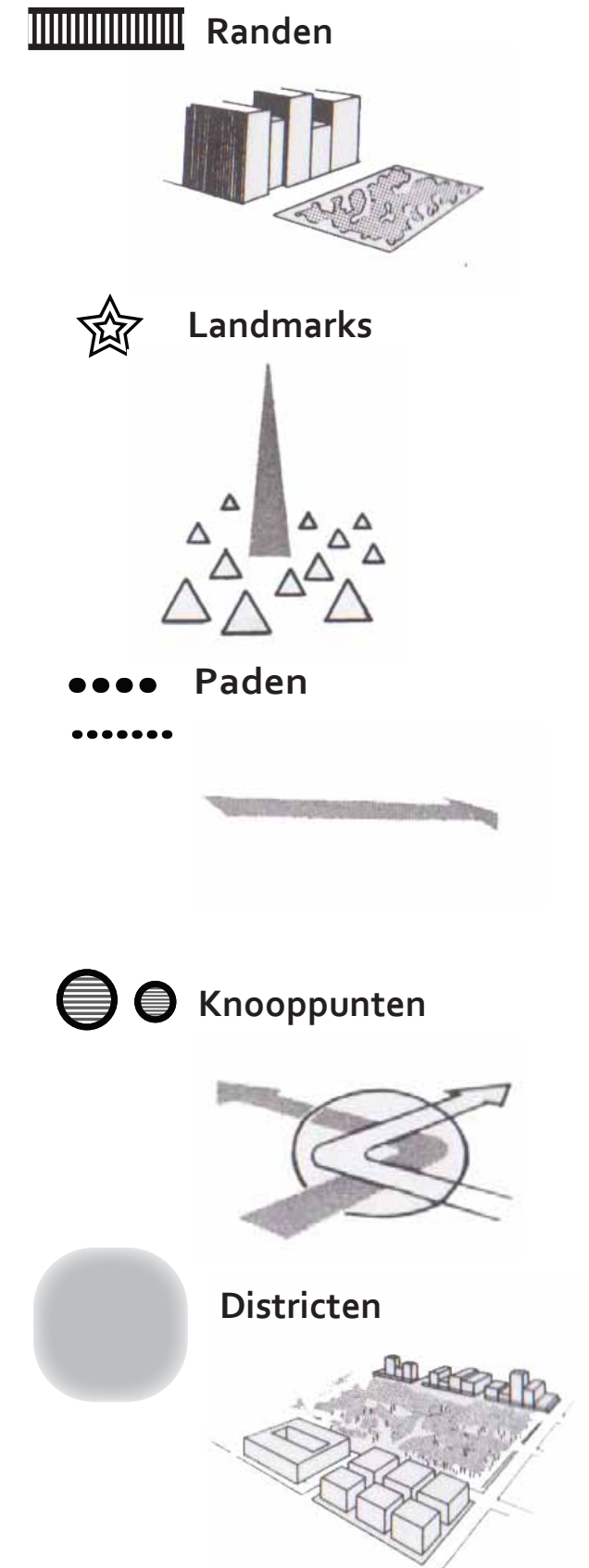
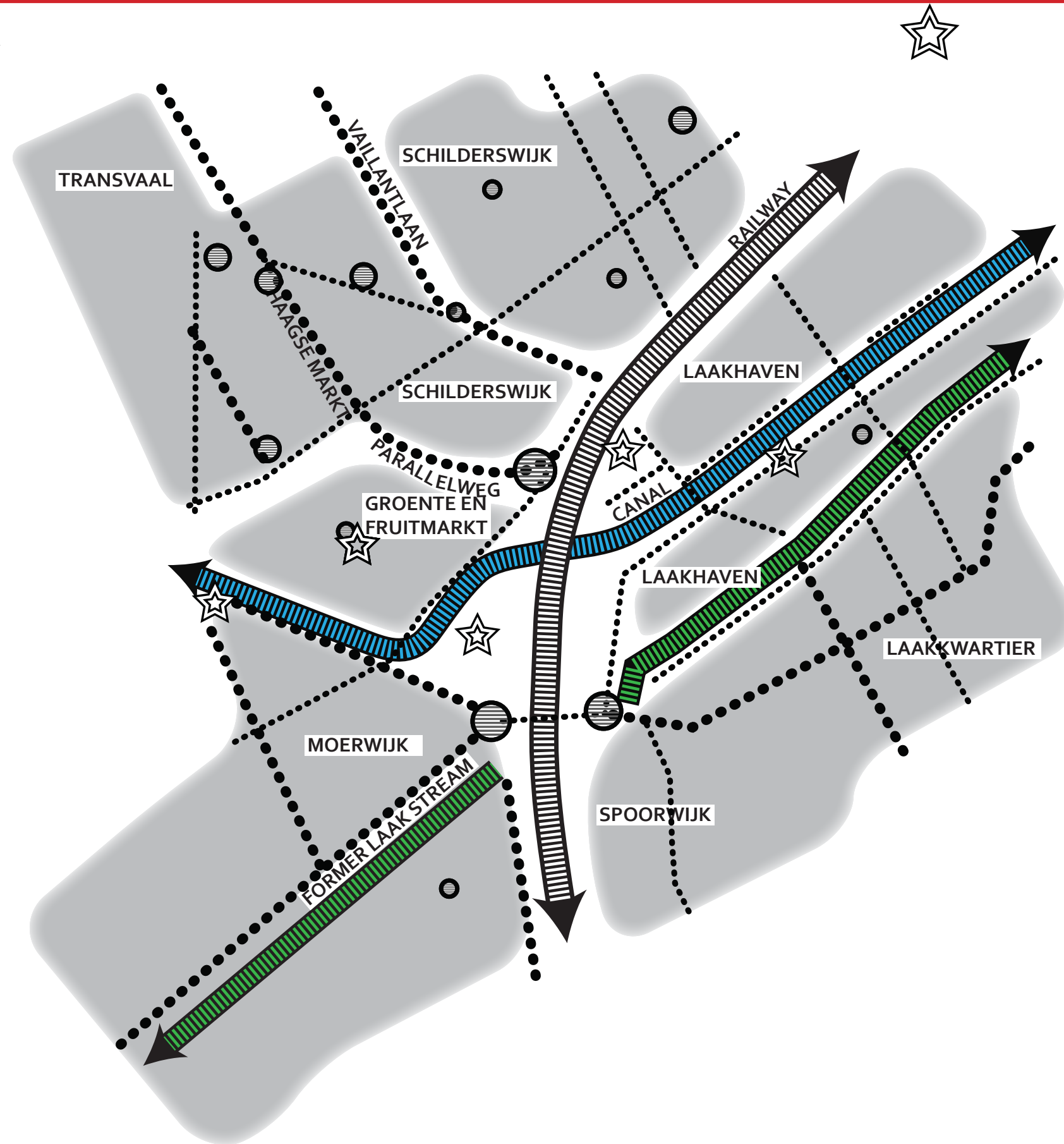
repetitie



open plekken

# ANALYSE

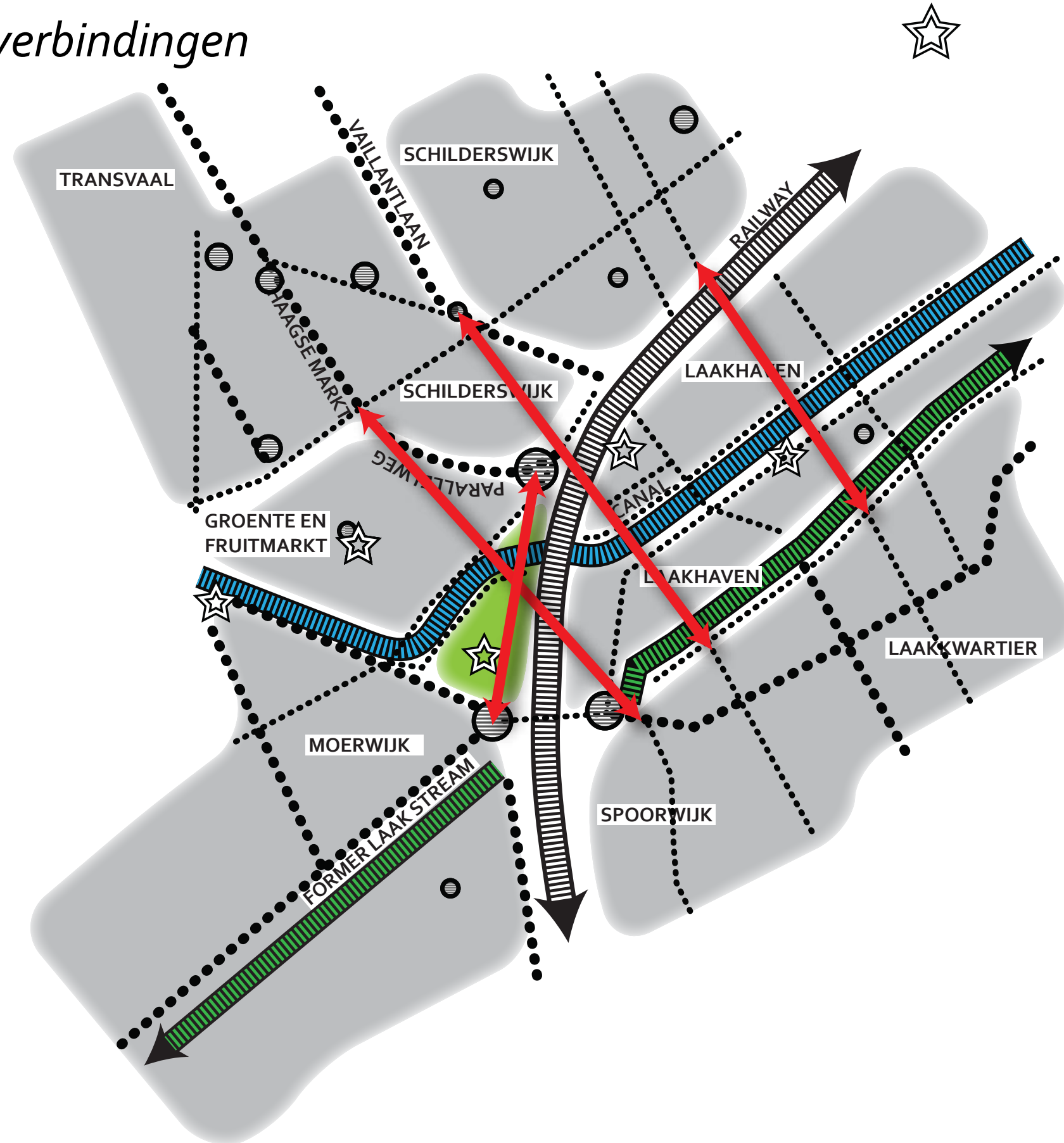
## Barrières



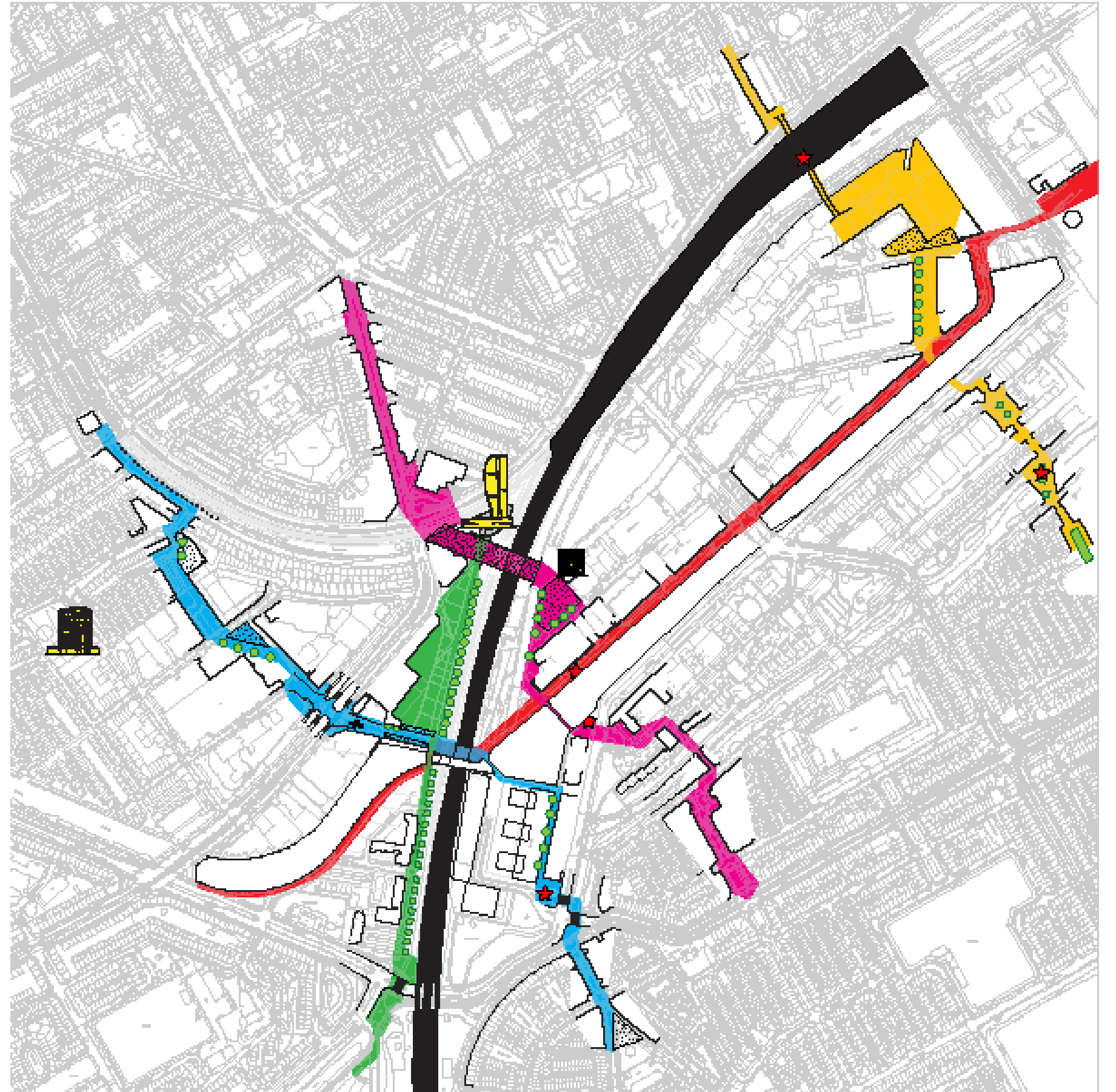


# ONTWERPVOORSTEL

## Nieuwe verbindingen

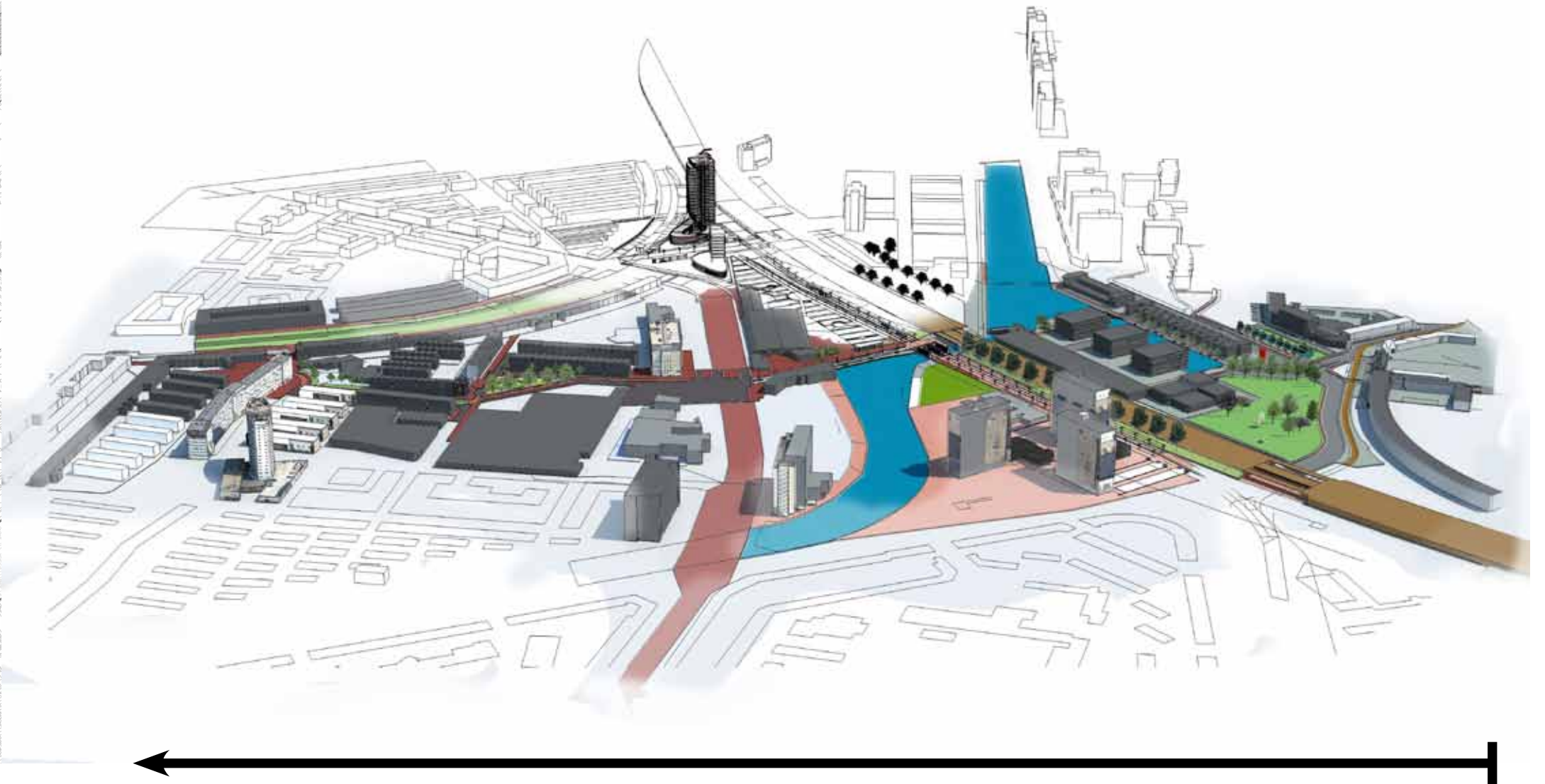
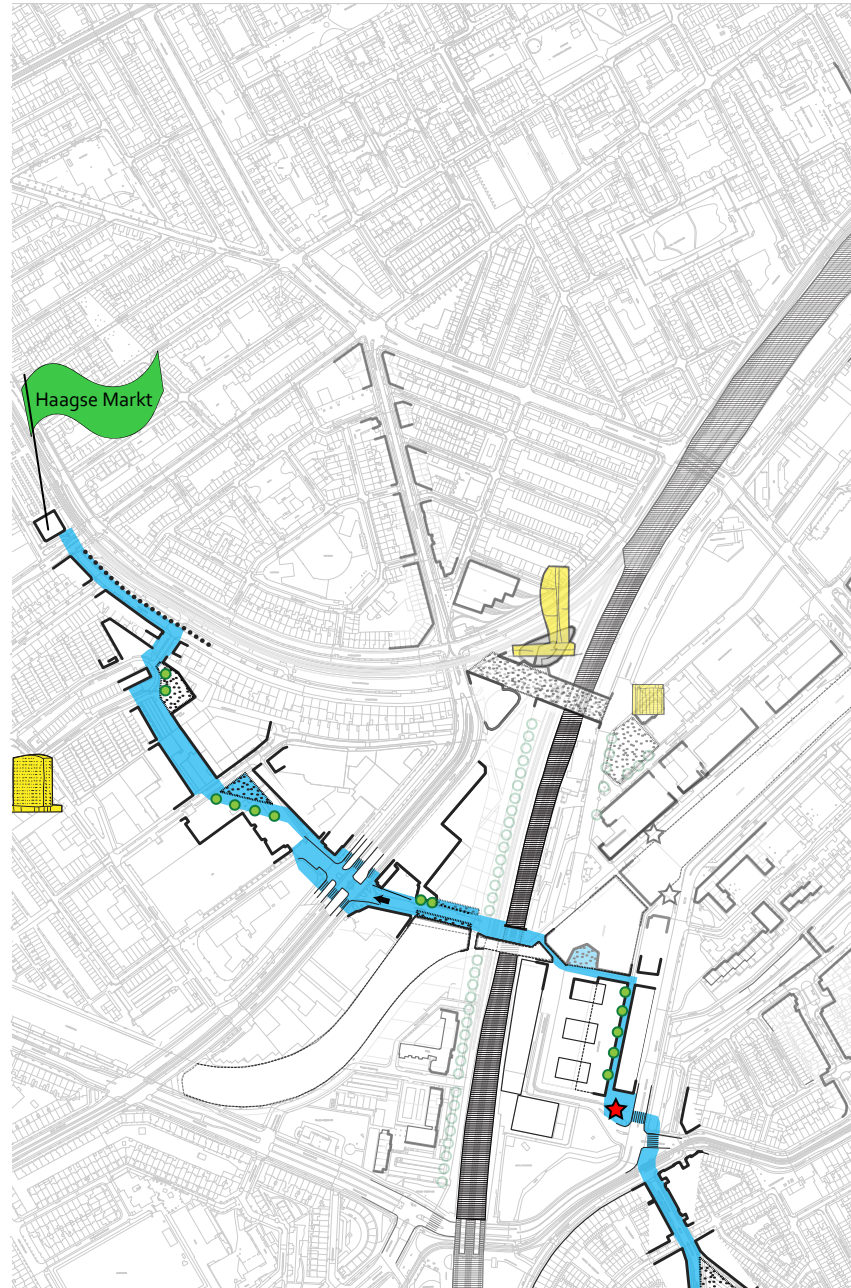


## *Routes*



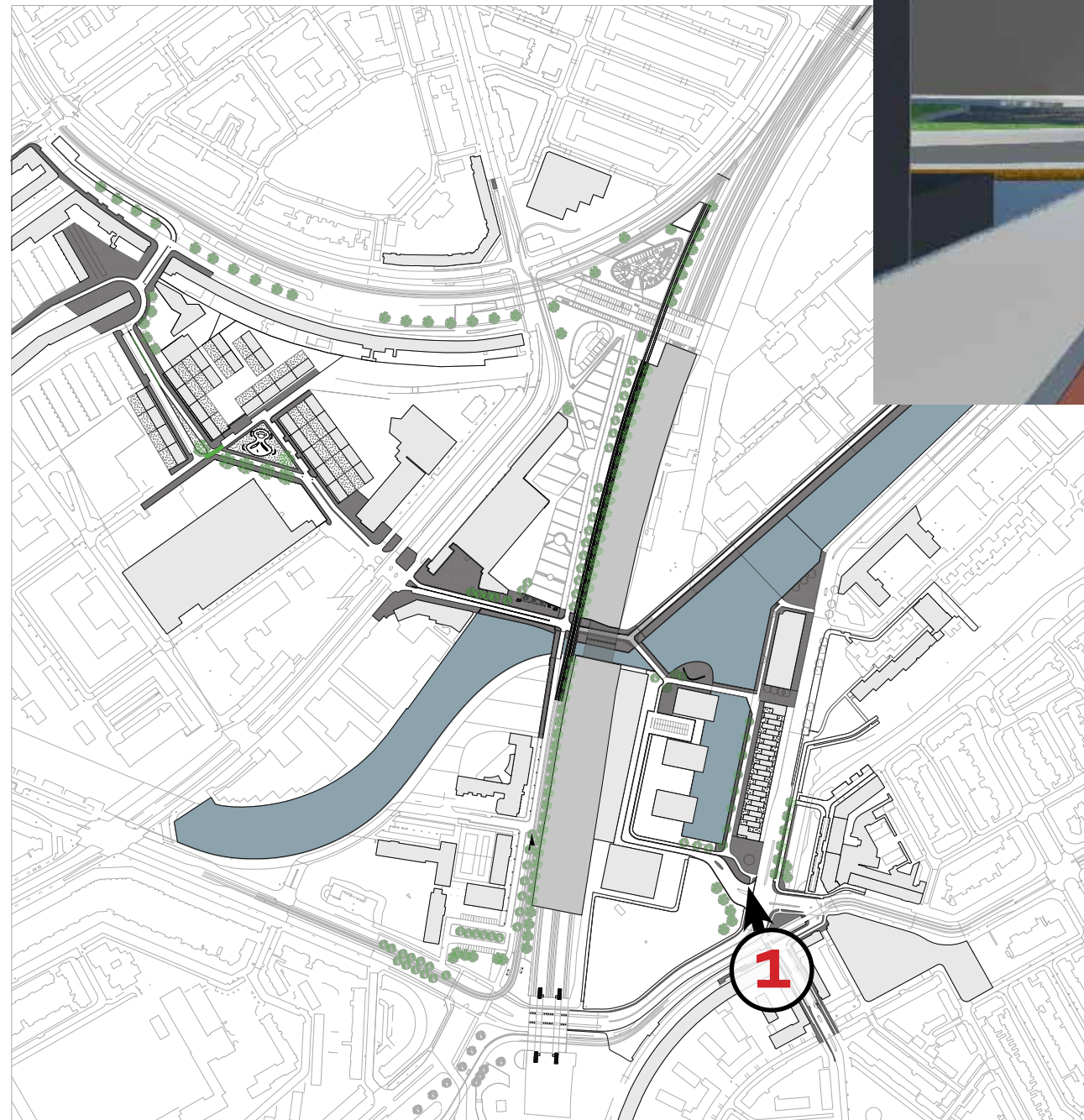
# BLAUWE ROUTE

## *Verbinding Haagse Markt*



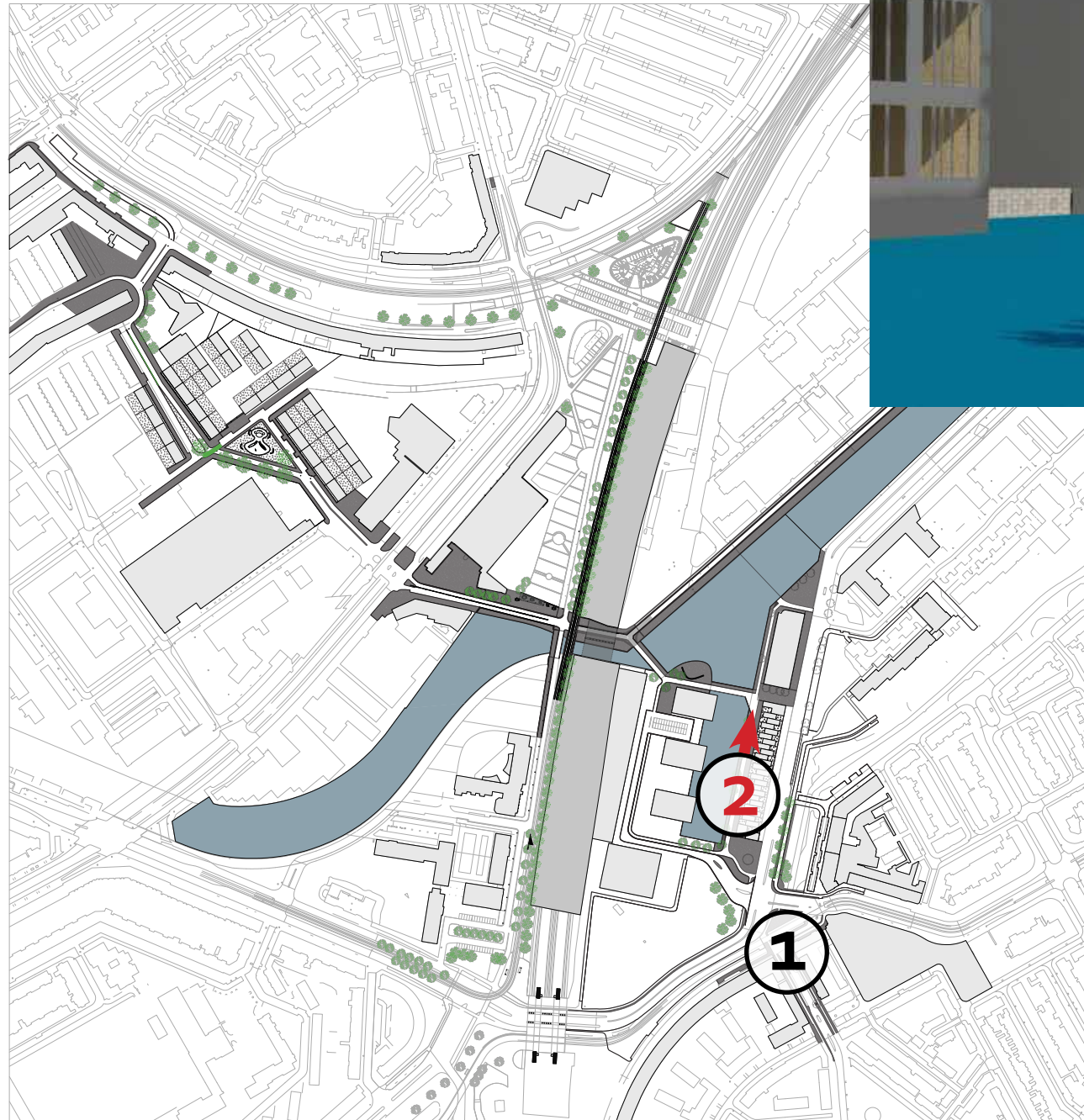
# BLAUWE ROUTE

*Focal point*



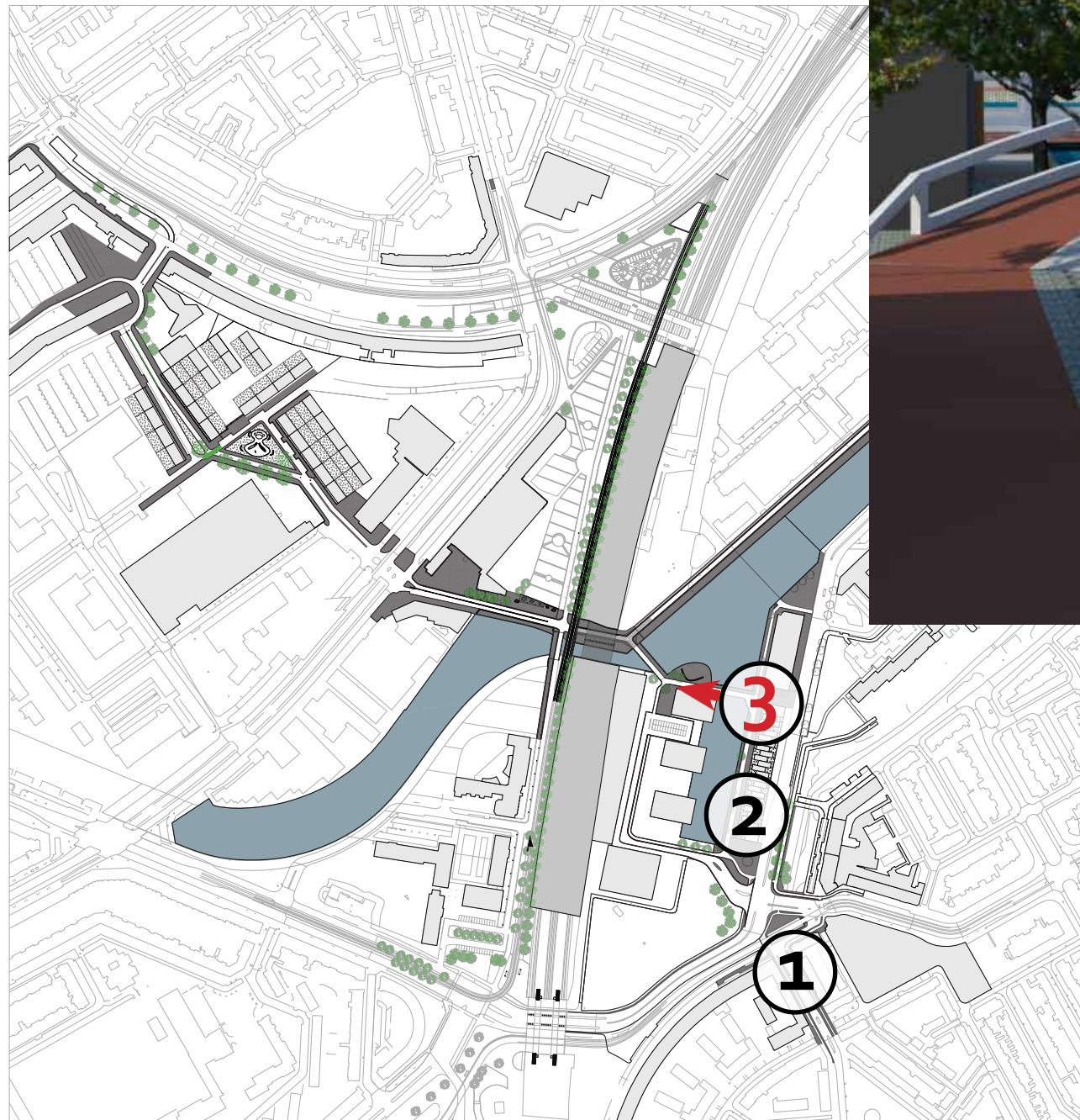
# BLAUWE ROUTE

*Repetitie*



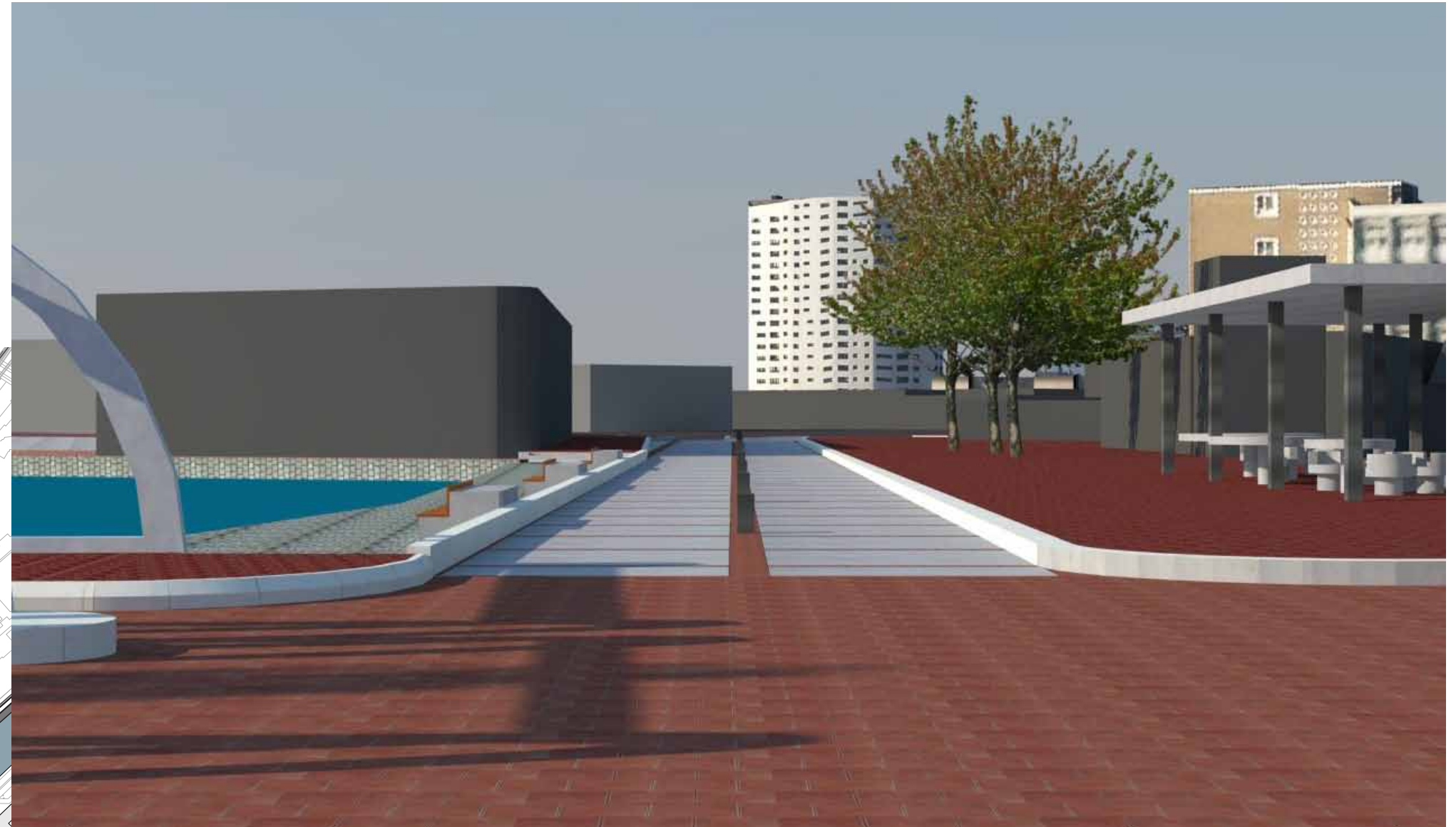
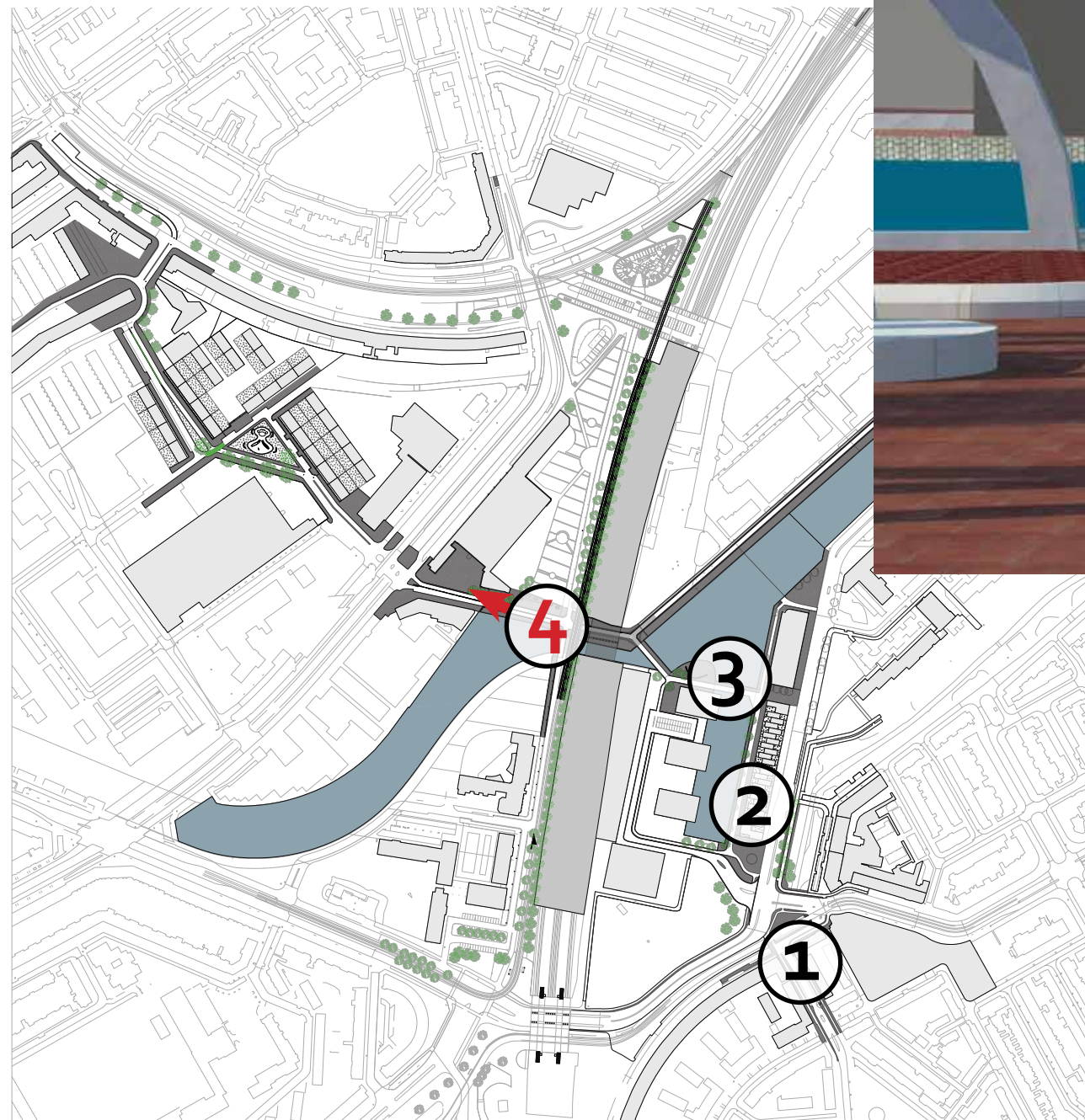
# BLAUWE ROUTE

*Hier en Daar*



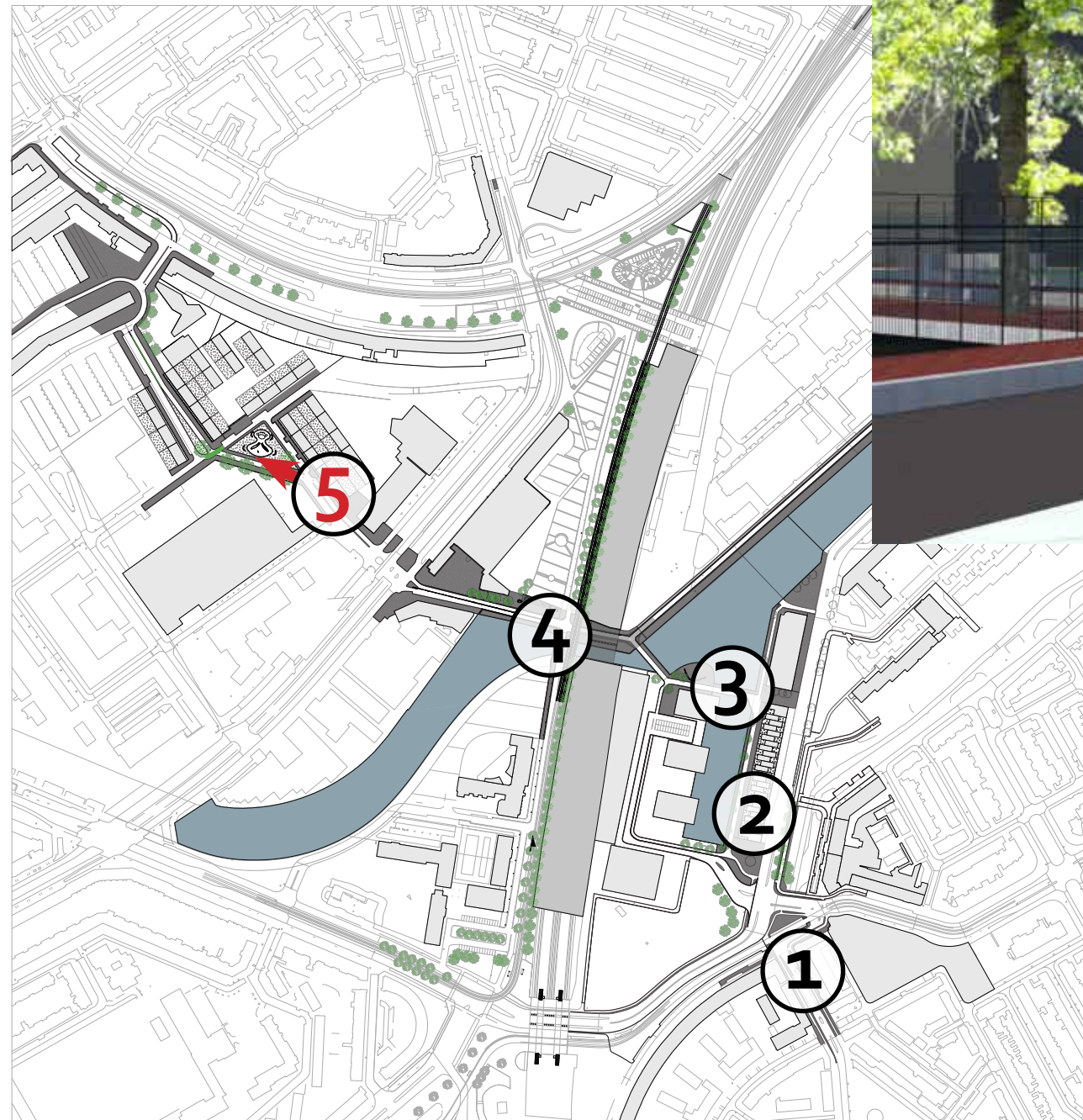
# BLAUWE ROUTE

*Afbakening verblijfsplaats*



# BLAUWE ROUTE

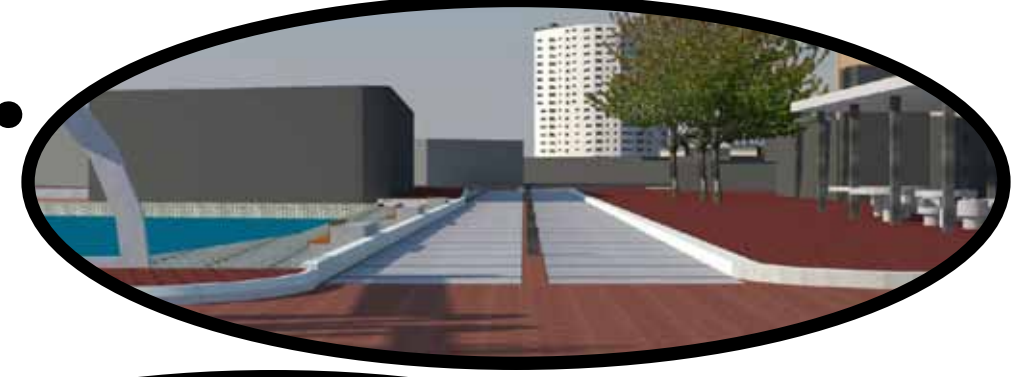
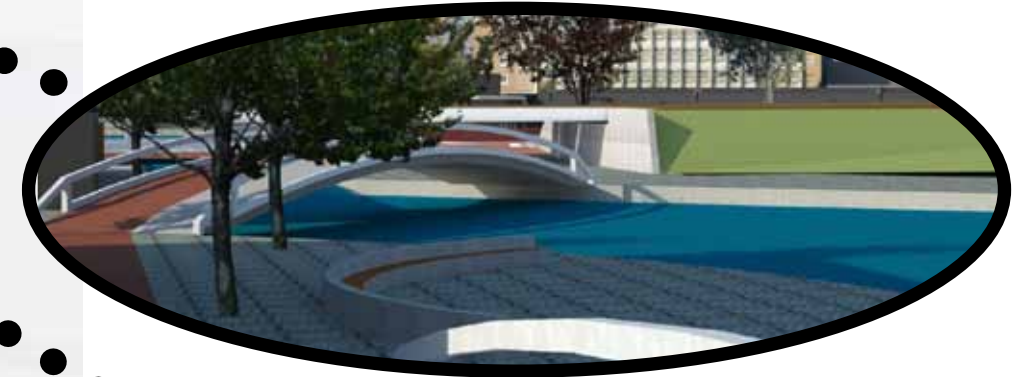
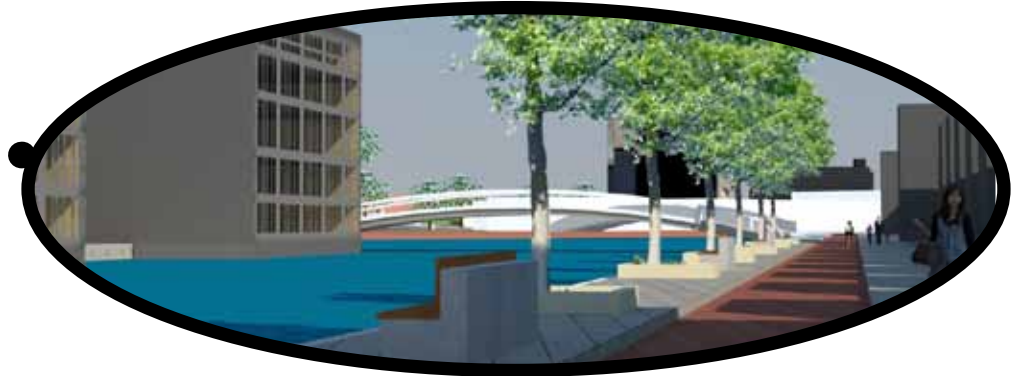
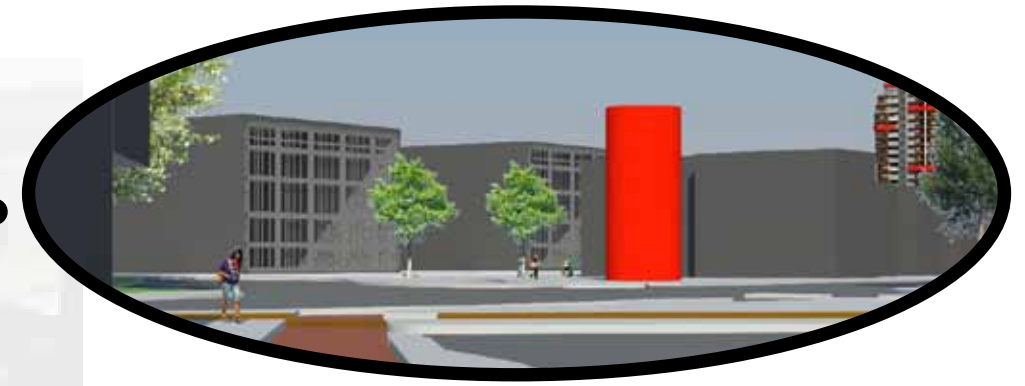
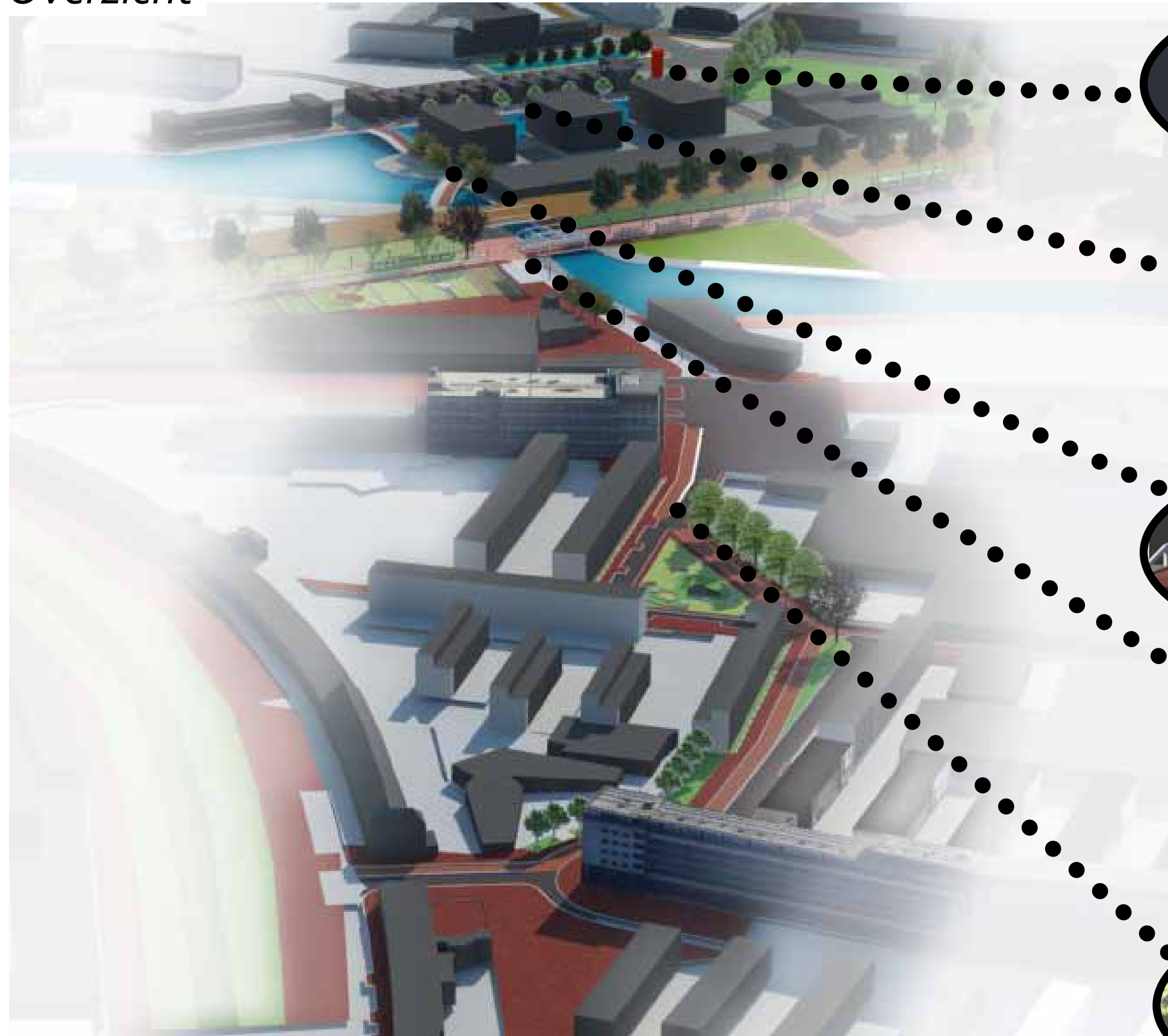
*Verbreiding vraagt aandacht*





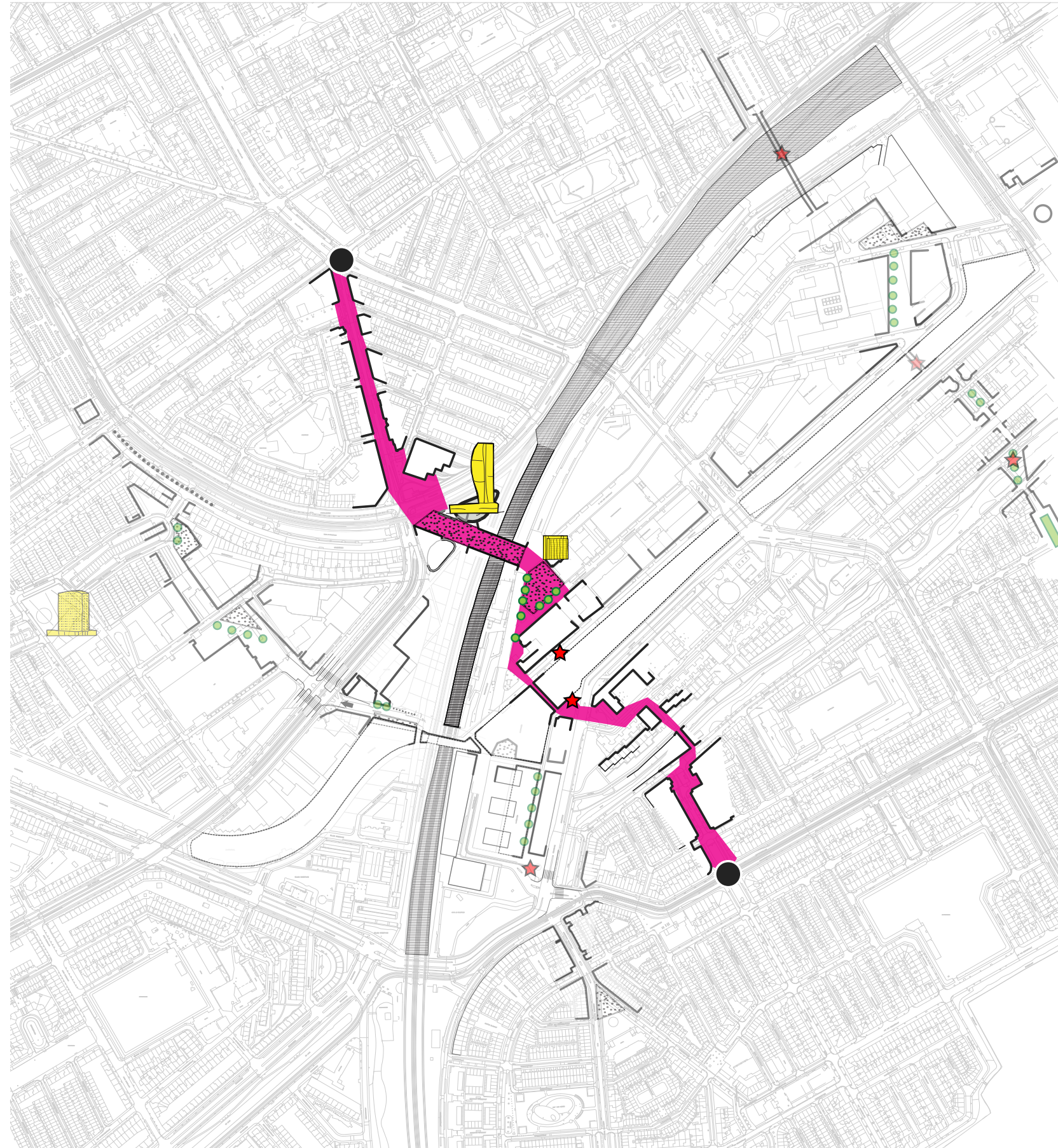
# BLAUWE ROUTE

## Overzicht



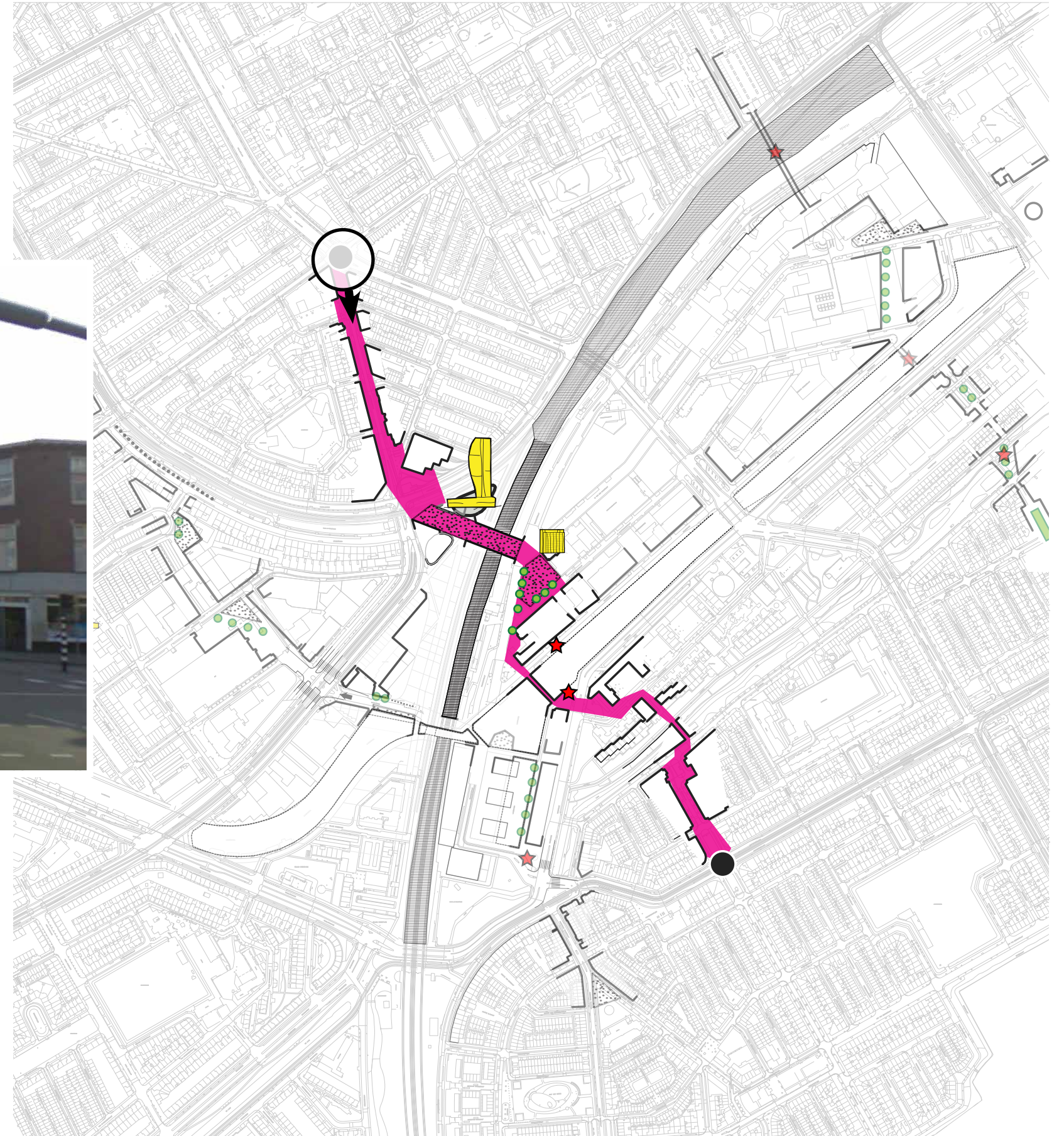
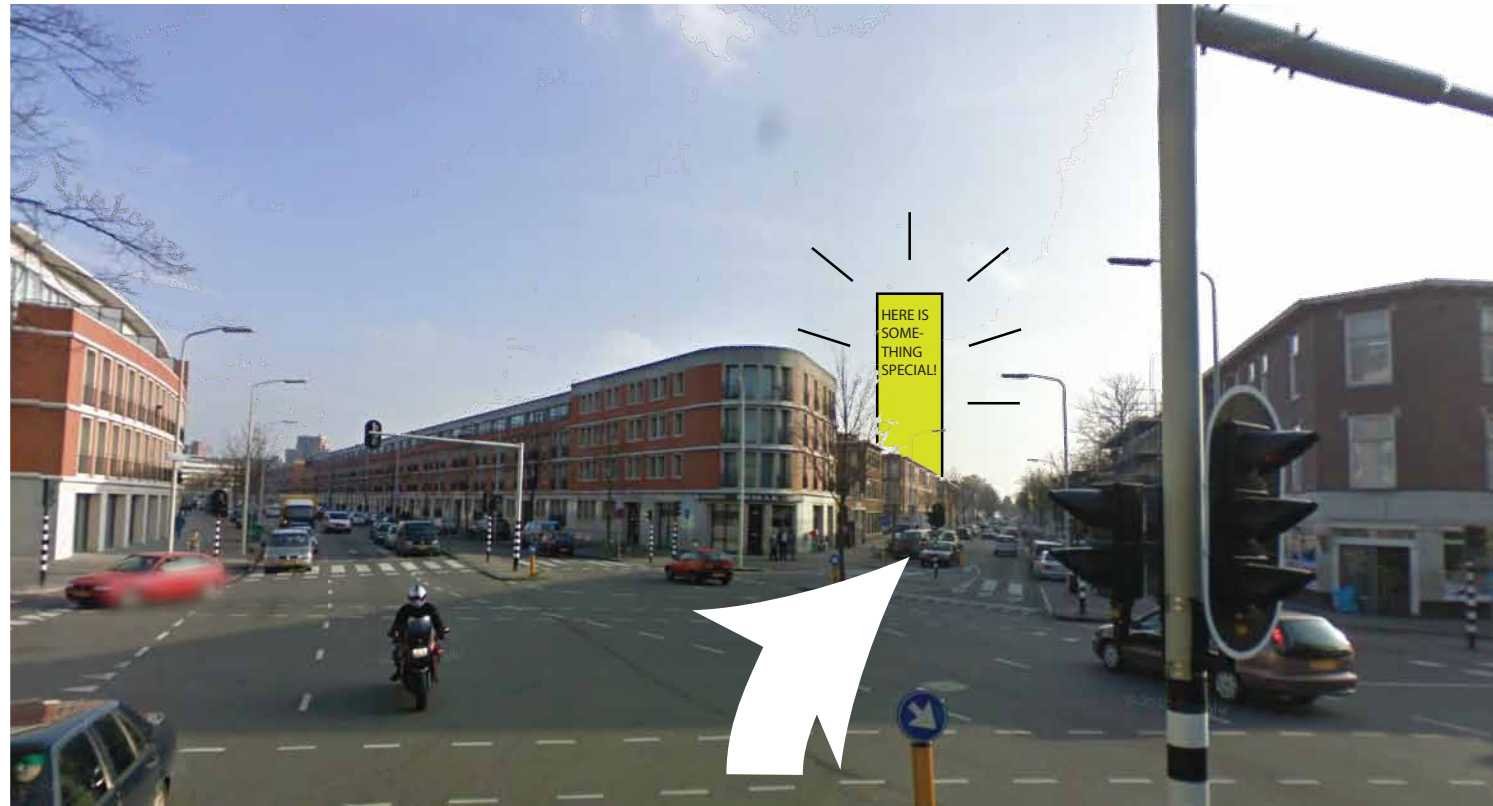
# PAARSE ROUTE

*Gezamenlijk ontmoetingspunt*

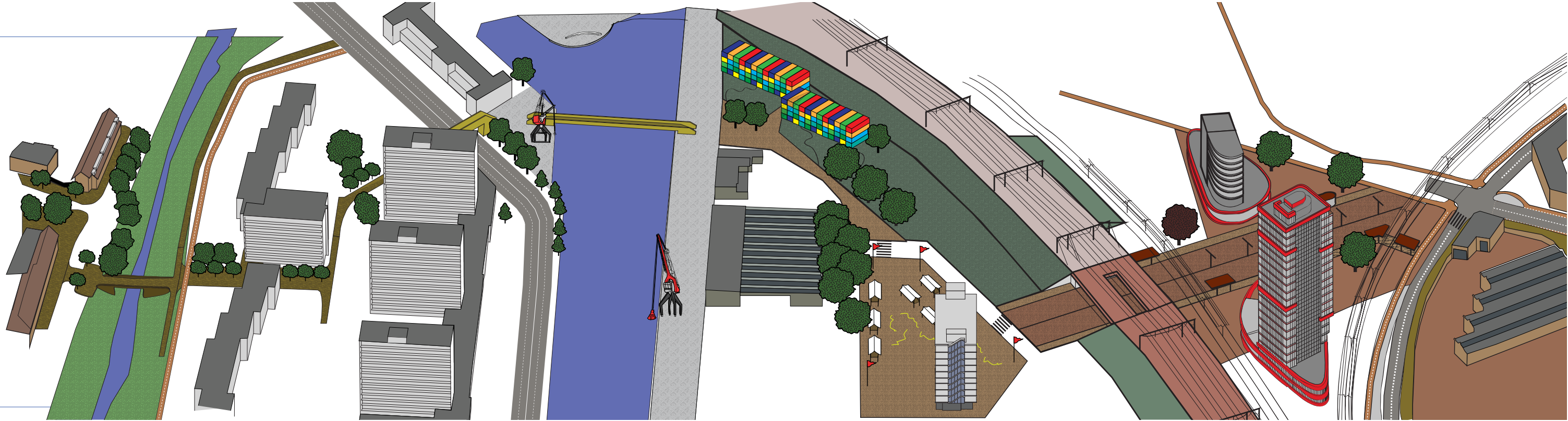


# PAARSE ROUTE

*Gebouw trekt aandacht*

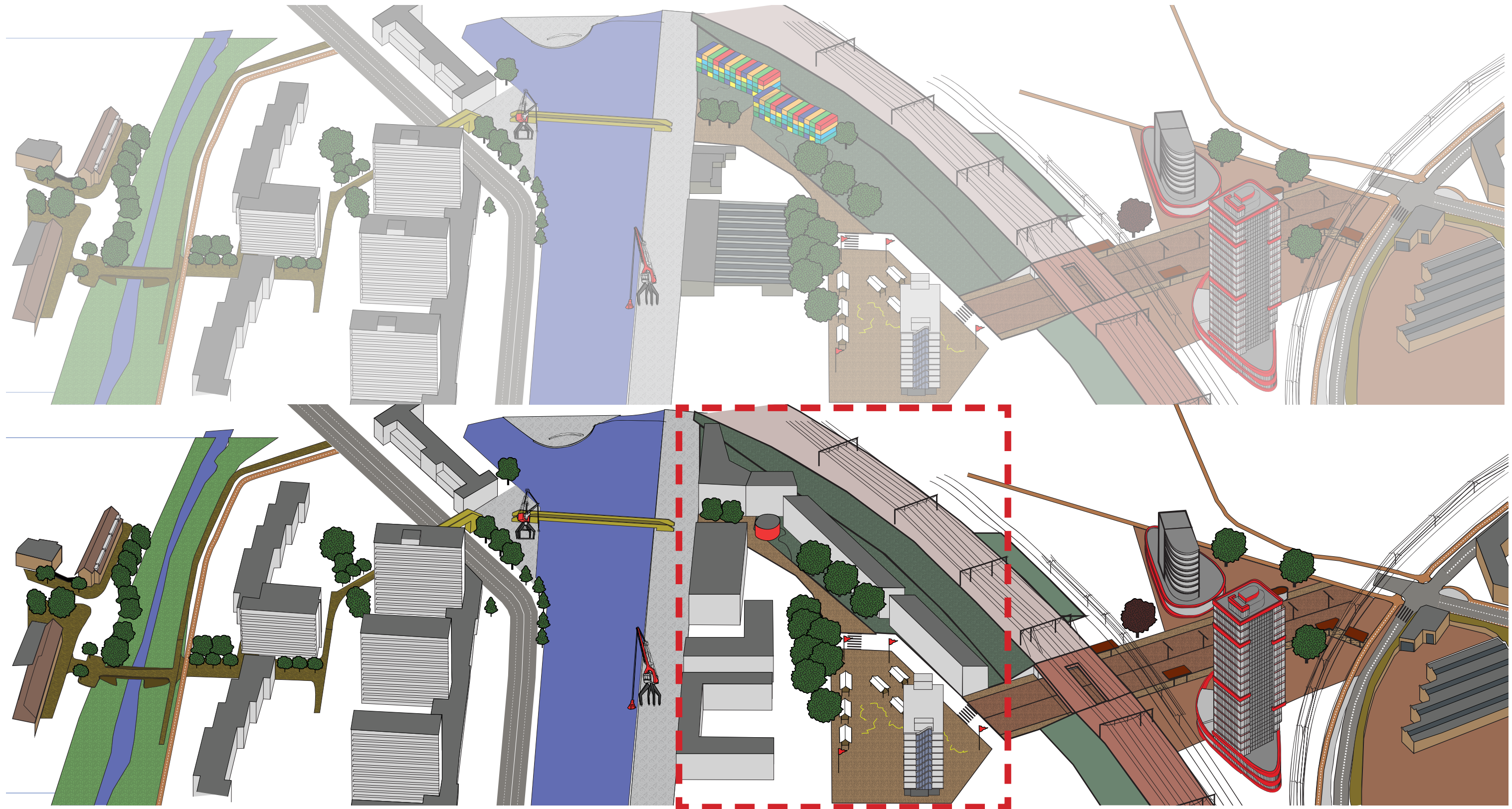


# PAARSE ROUTE



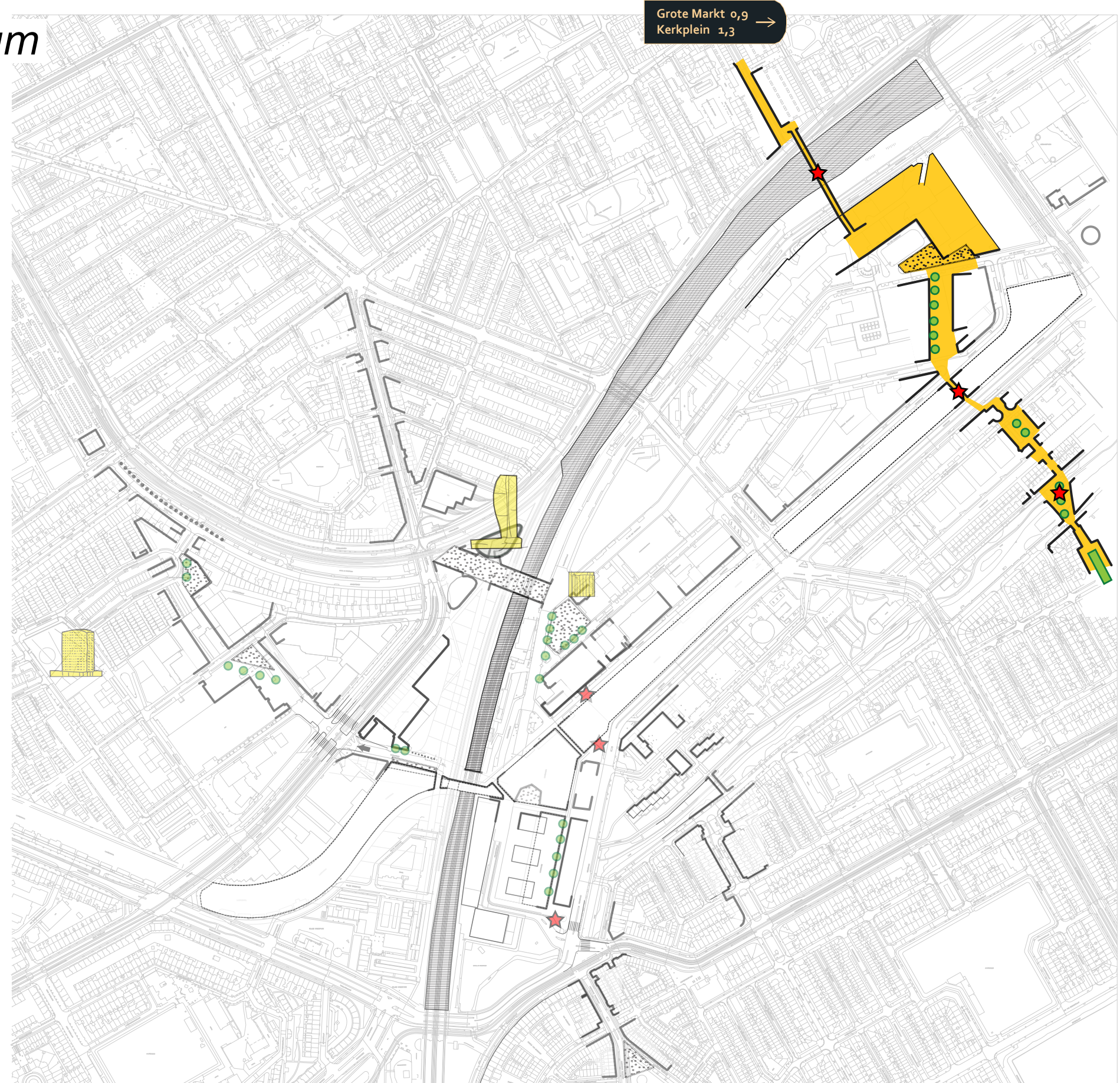
# PAARSE ROUTE

*Flexibiliteit*

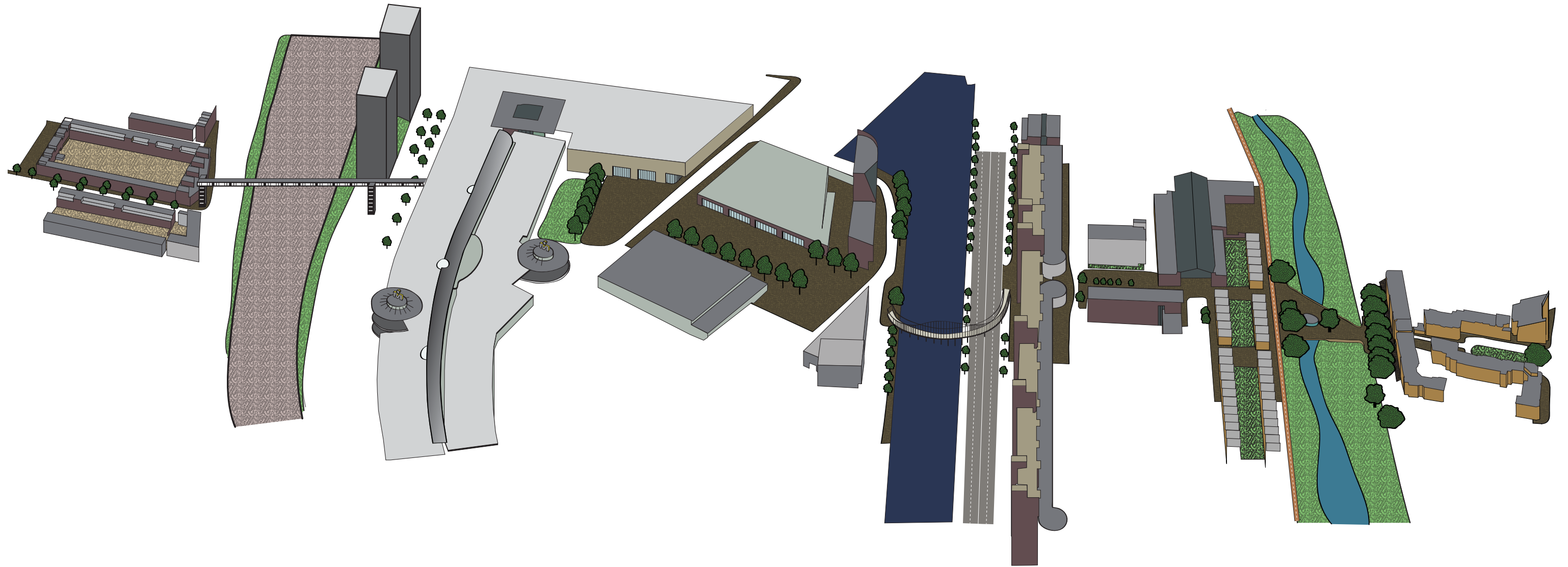


# ORANJE ROUTE

*Rechtstreekse verbinding centrum*

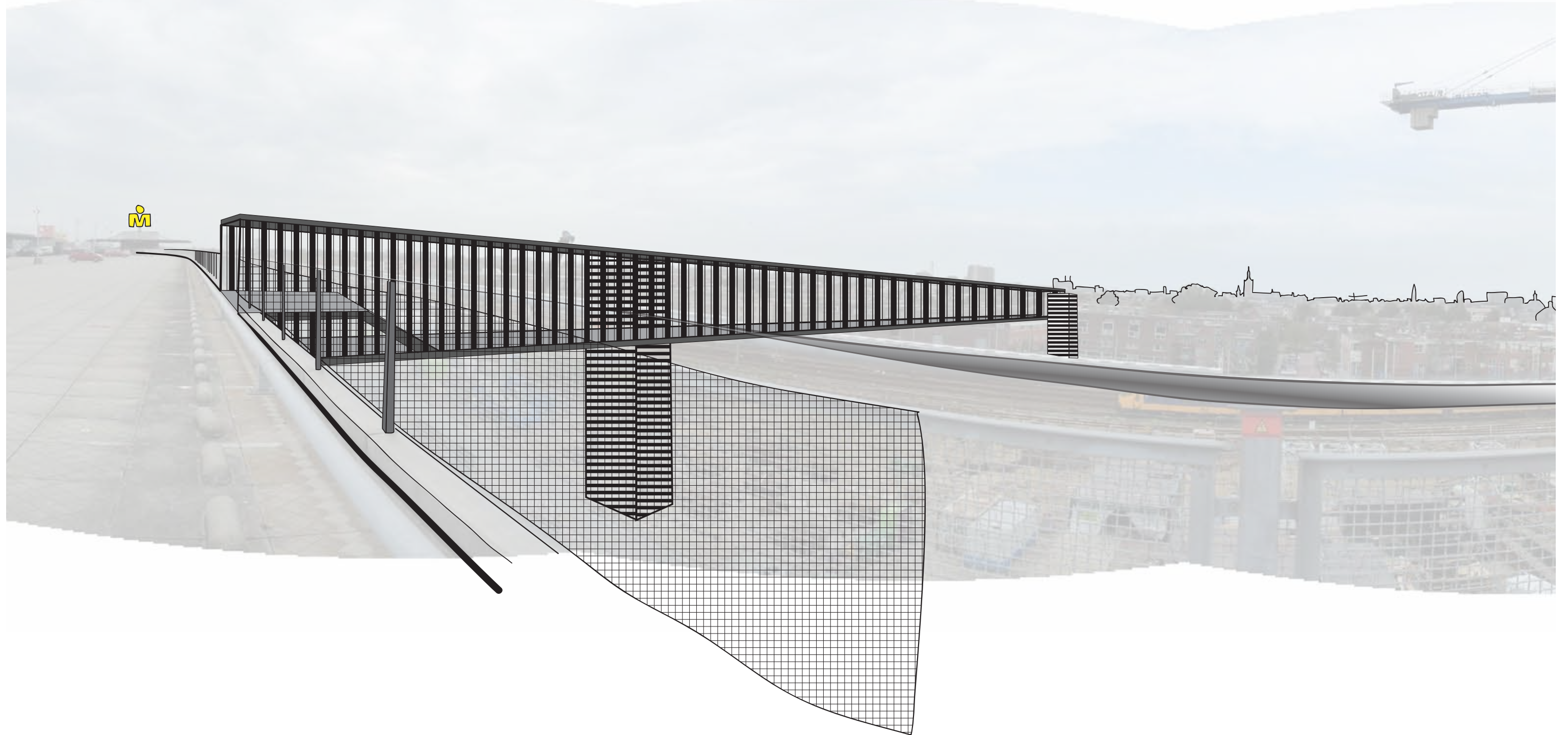


# ORANJE ROUTE



# ORANJE ROUTE

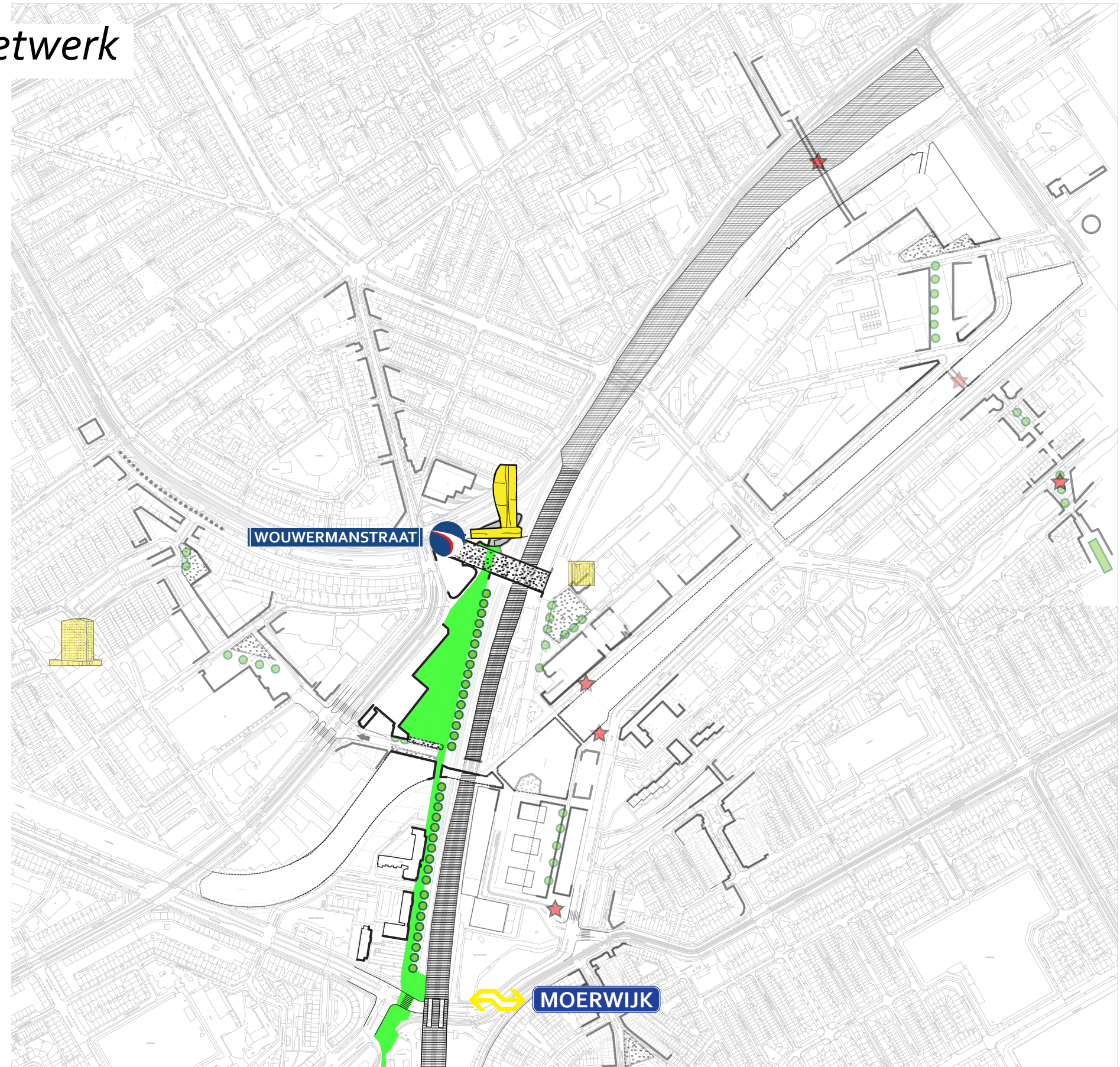
## *Loopbrug*



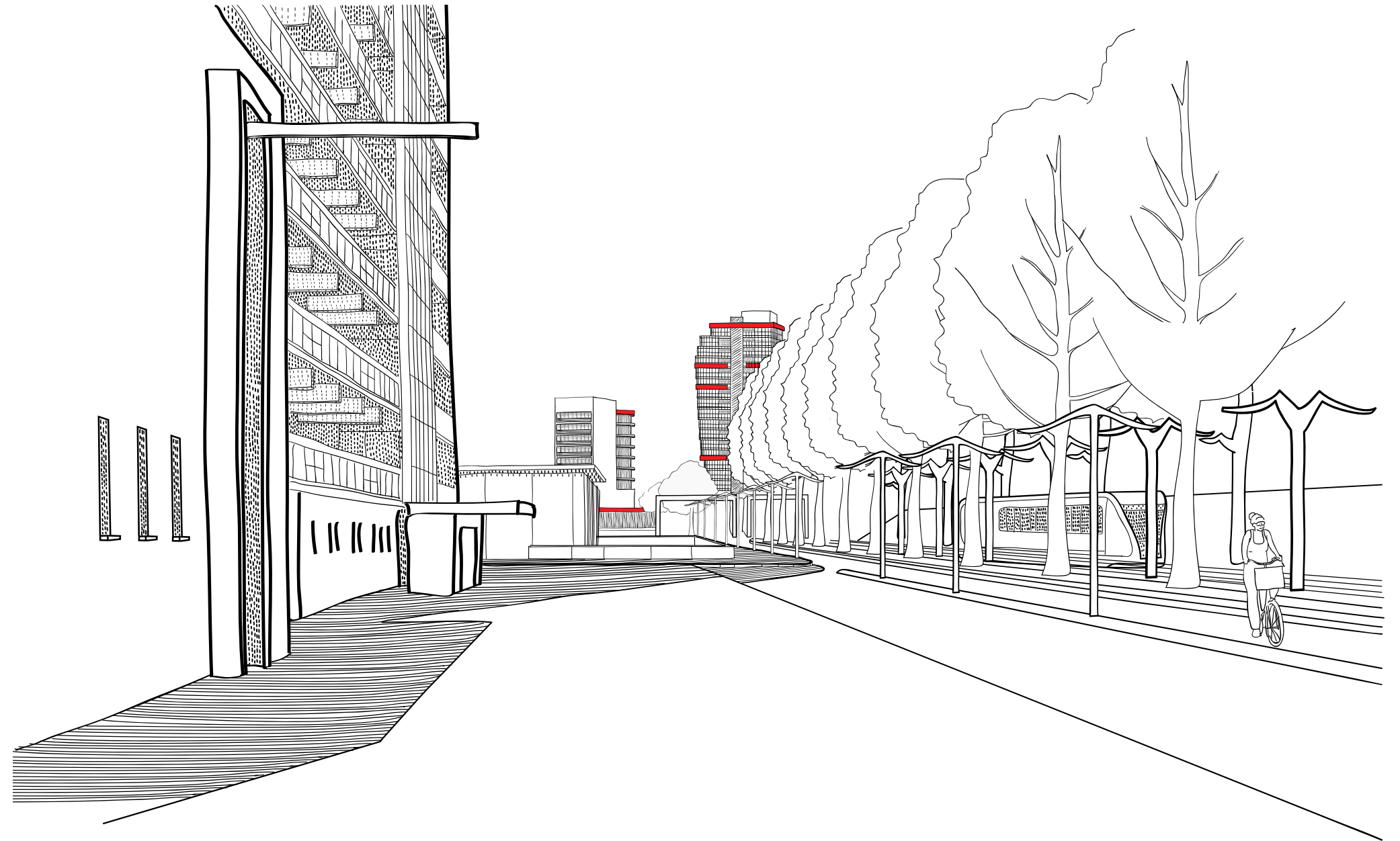
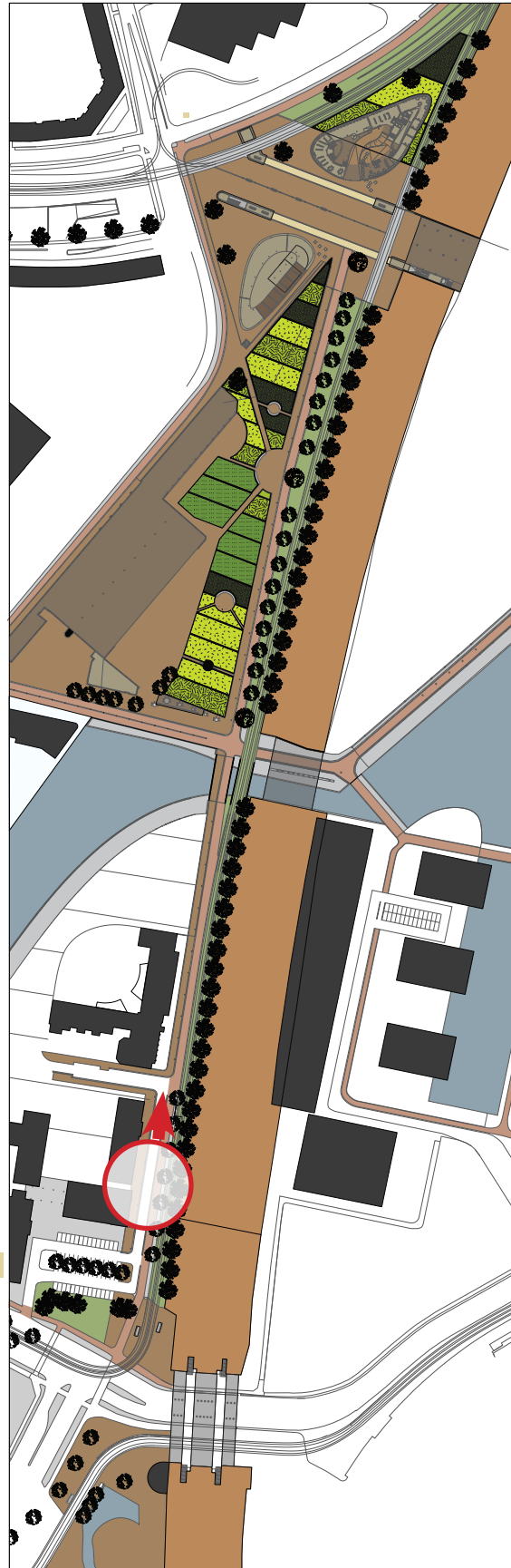


# GROENE ROUTE

*Versterken openbaar vervoersnetwerk*



# GROENE ROUTE



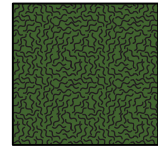
# GROENE ROUTE - PARK

*Overgang compacte stad*

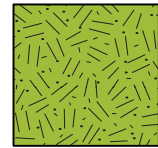


# GROENE ROUTE - PARK

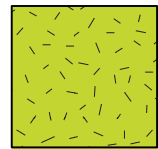
## Vegetation park:



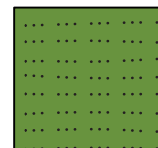
shrubs  
*struikgewas*



flowerbed  
*bloemperk*



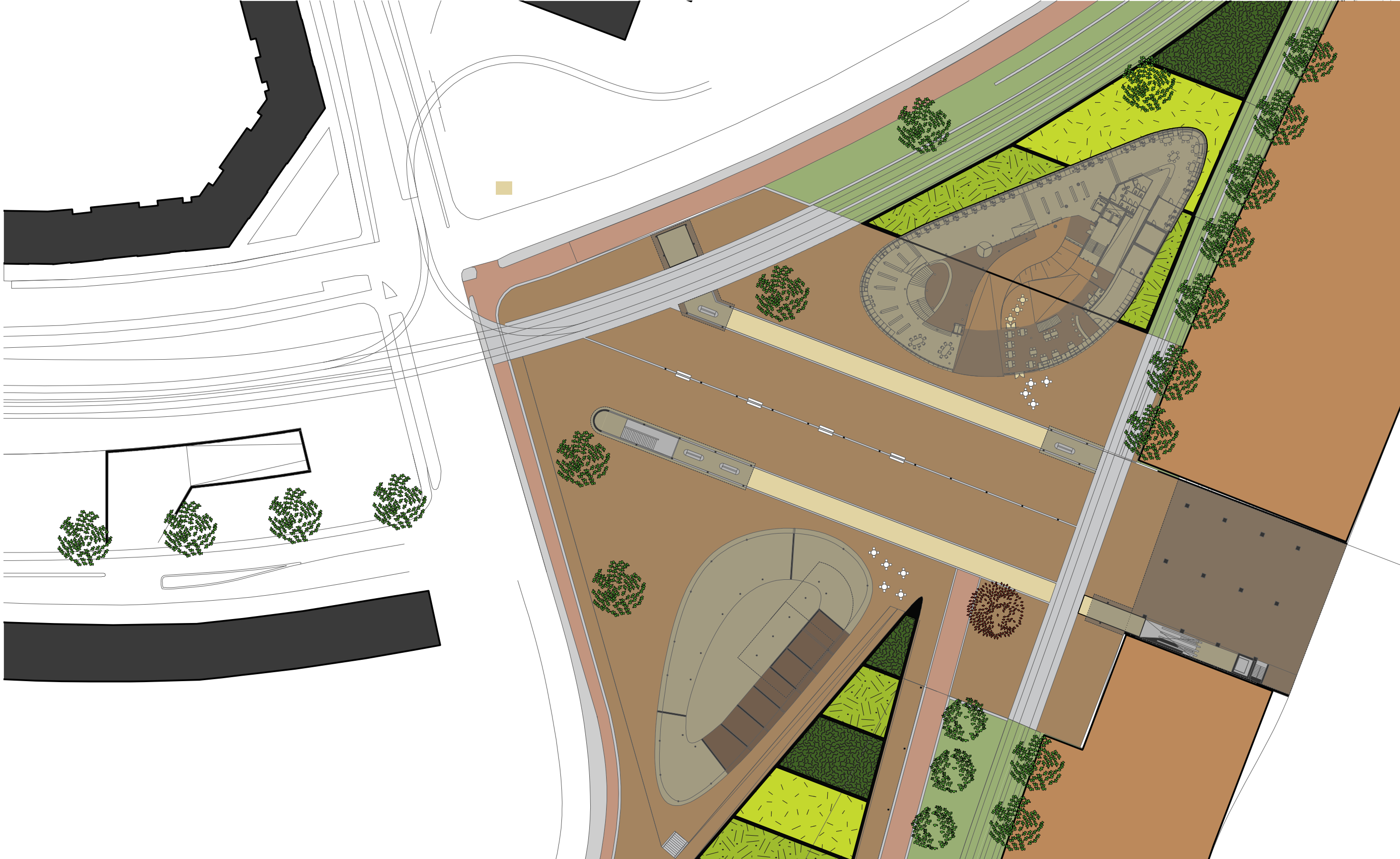
grass  
*gras*



vegetable garden  
*groentetuin*



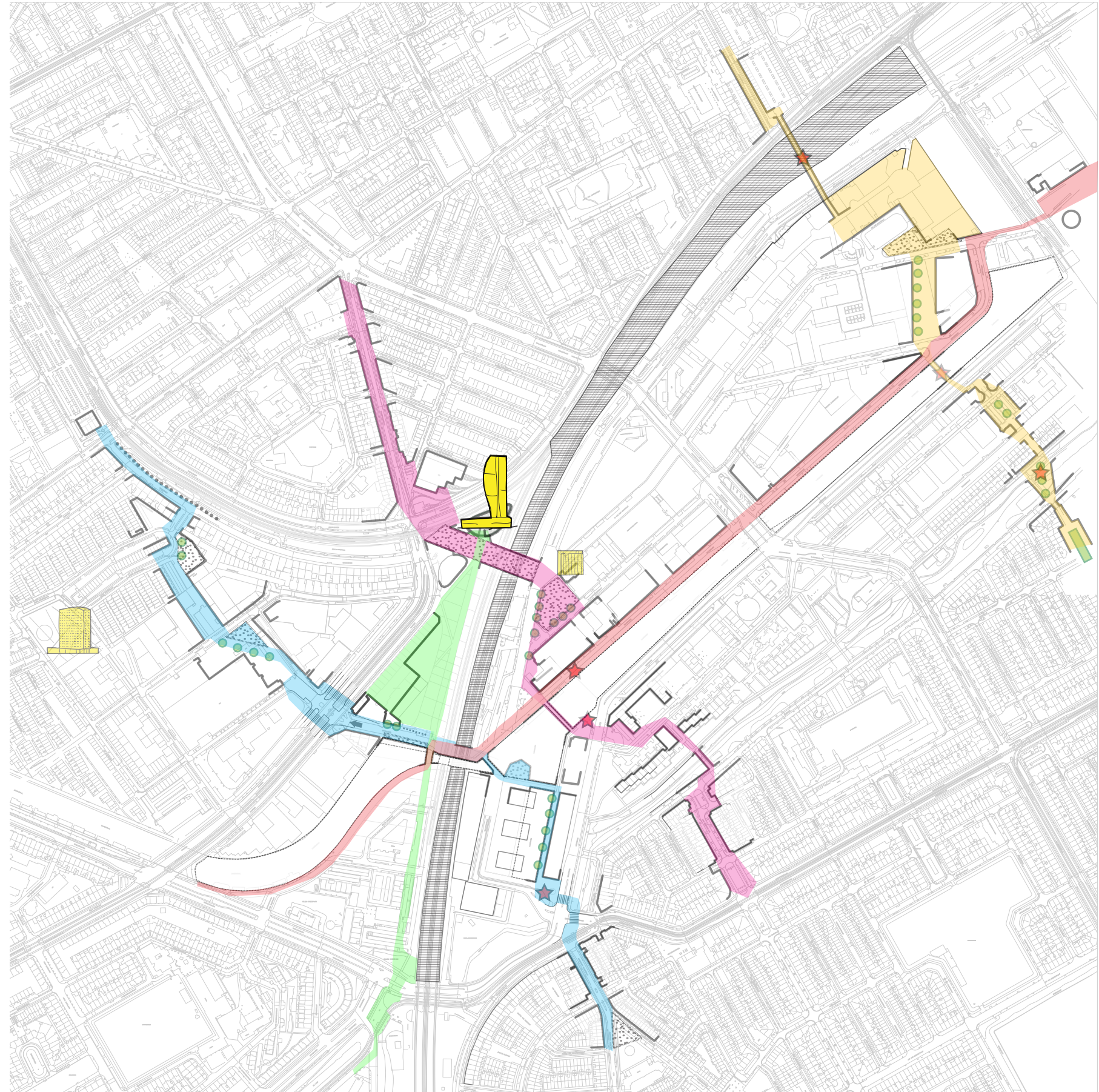
# GROENE ROUTE - PLEIN



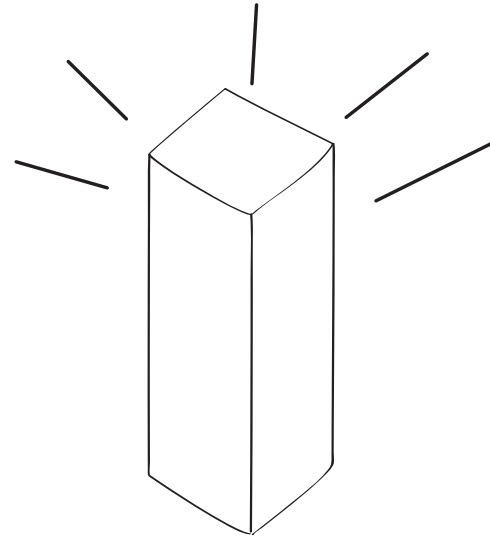
# GROENE ROUTE - PLEIN



## *De landmark*



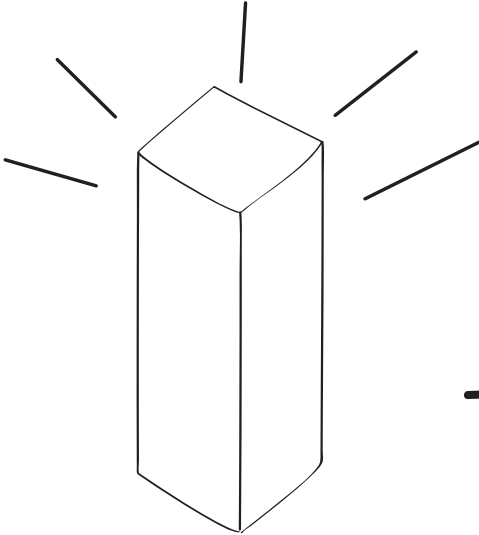
## Woontoren





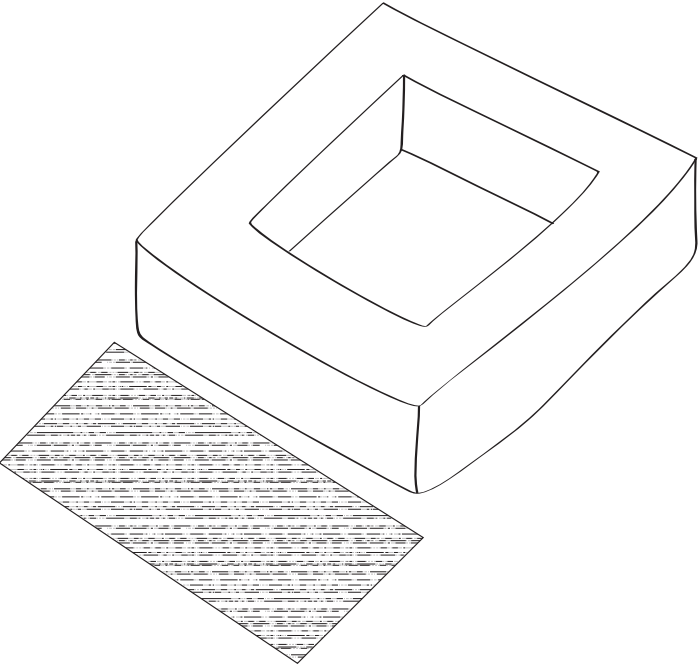
# TYOLOGIE

Woontoren



+

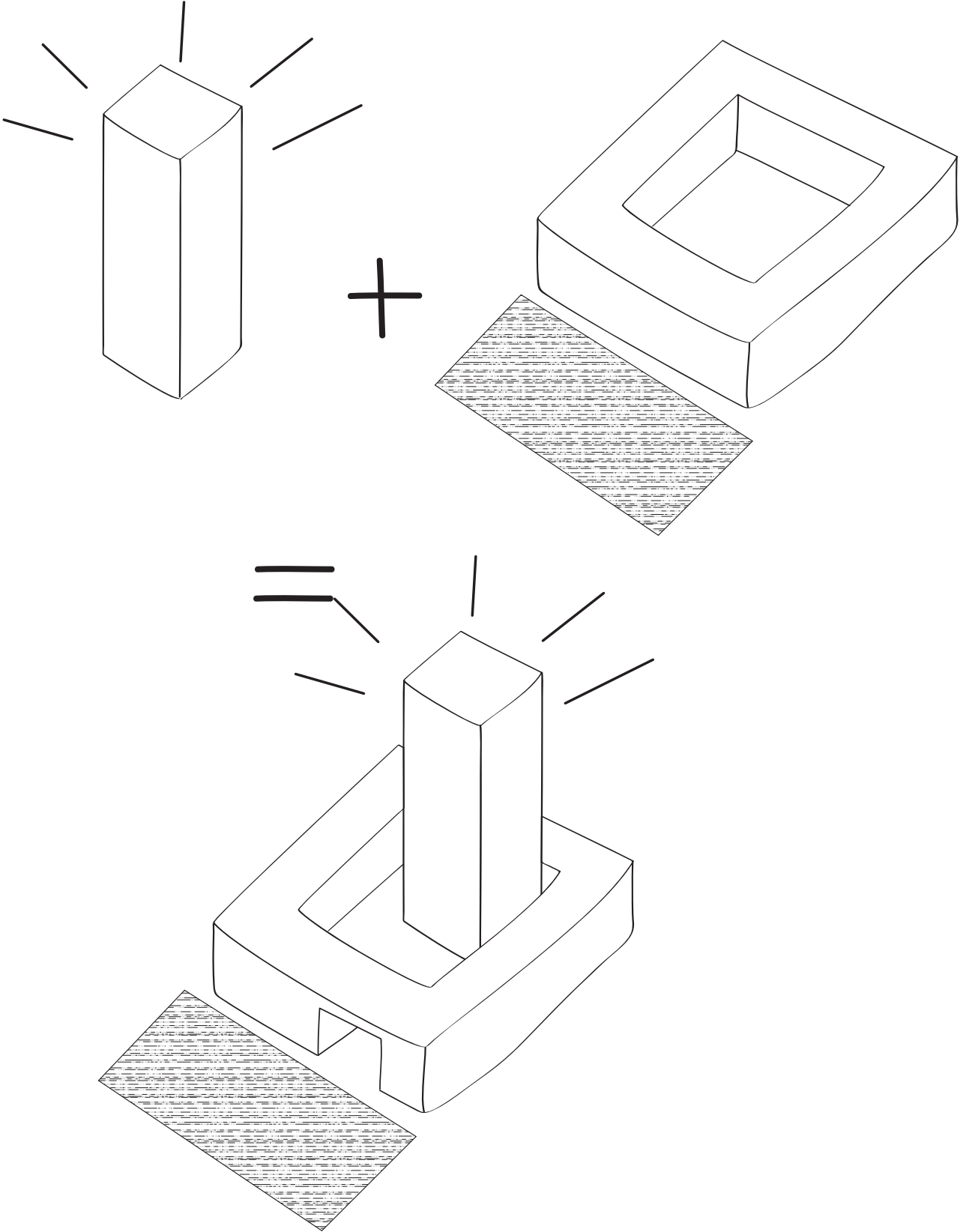
Publiek gebouw



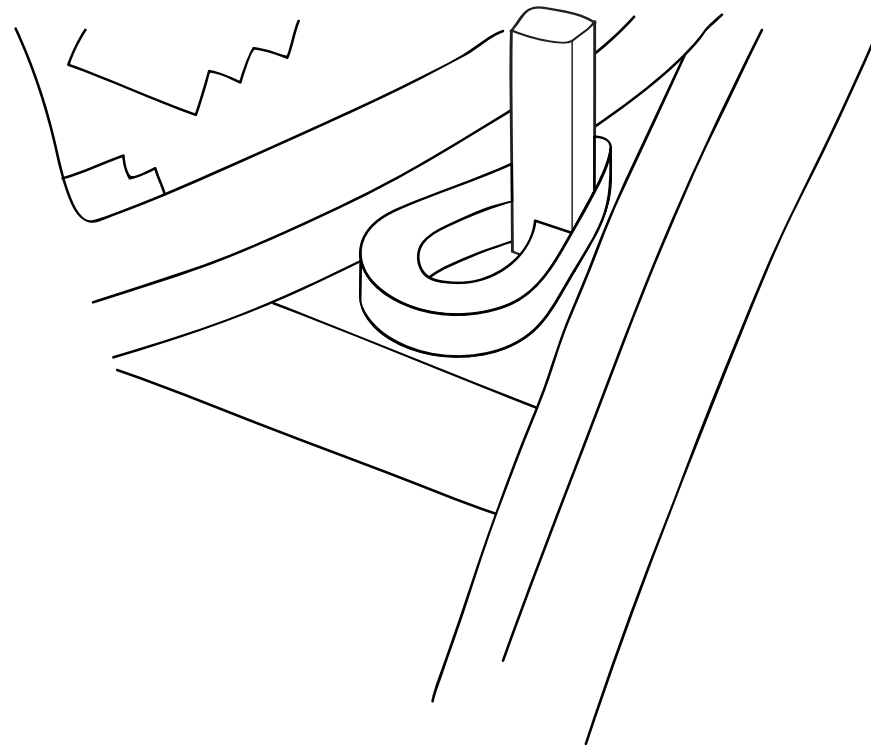
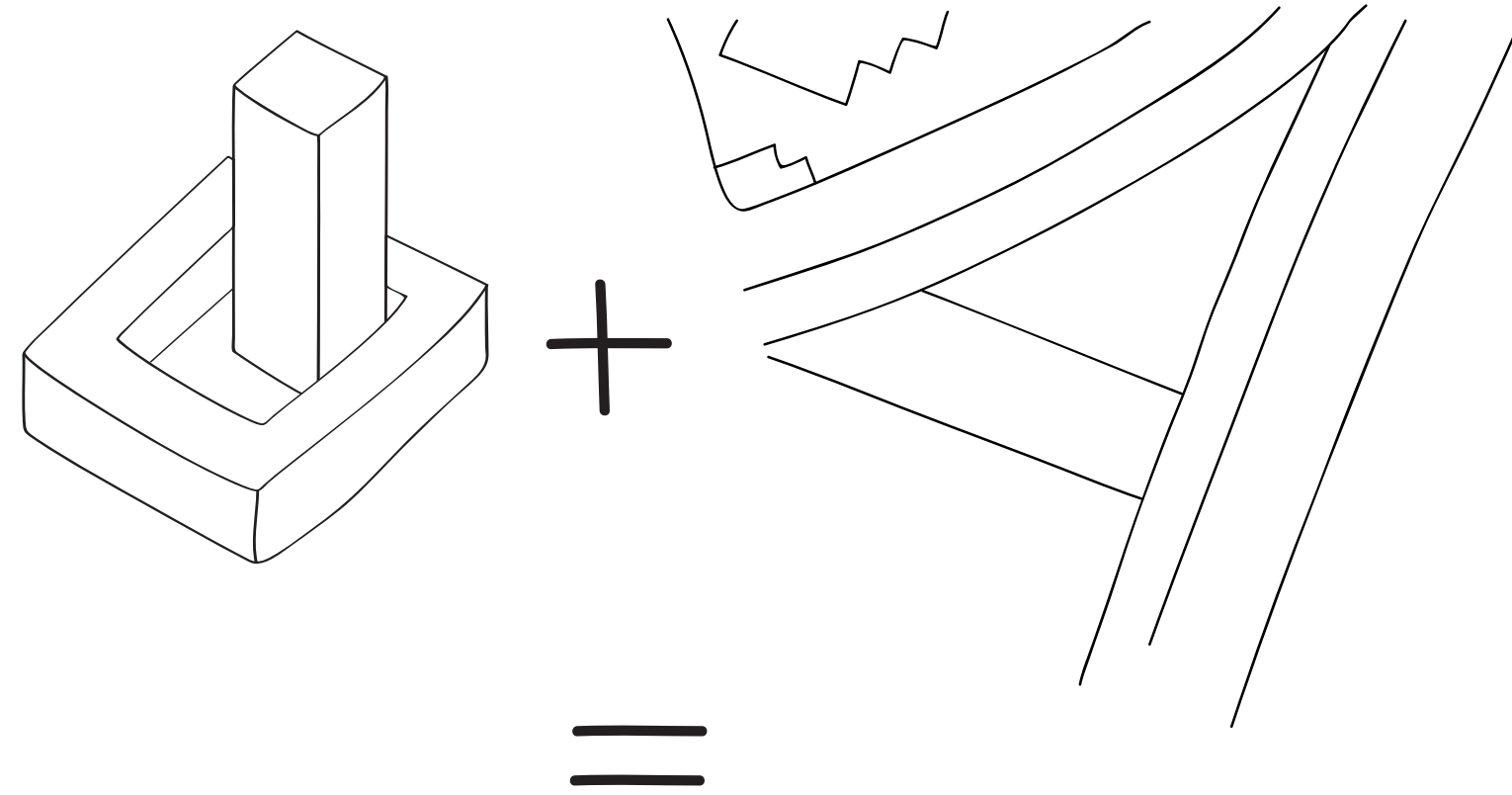
# TYOLOGIE

Woontoren

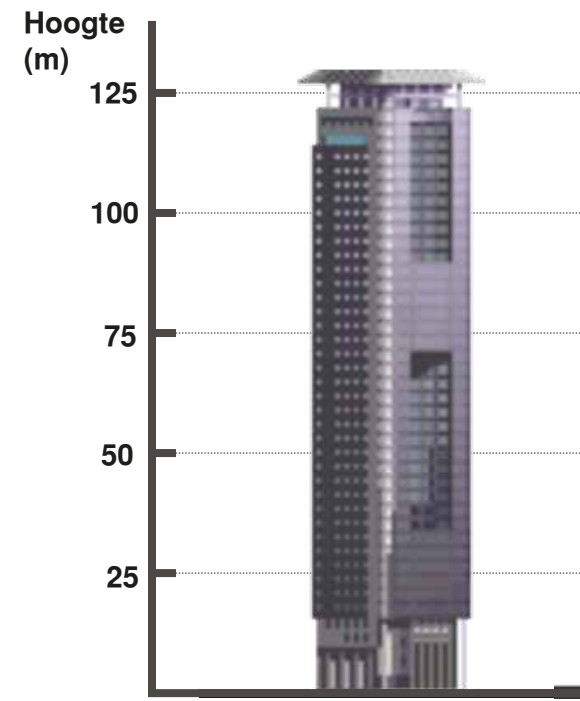
Publiek gebouw



# SITUATIE



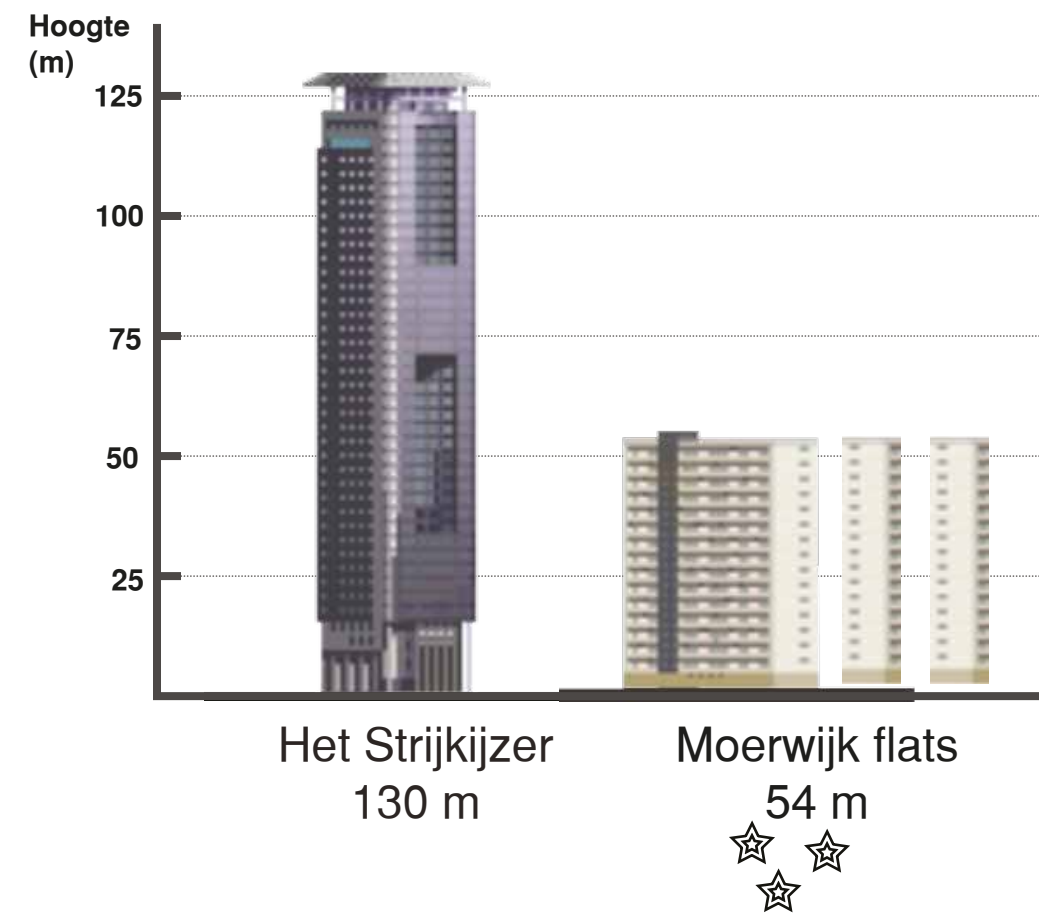
# SITUATIE



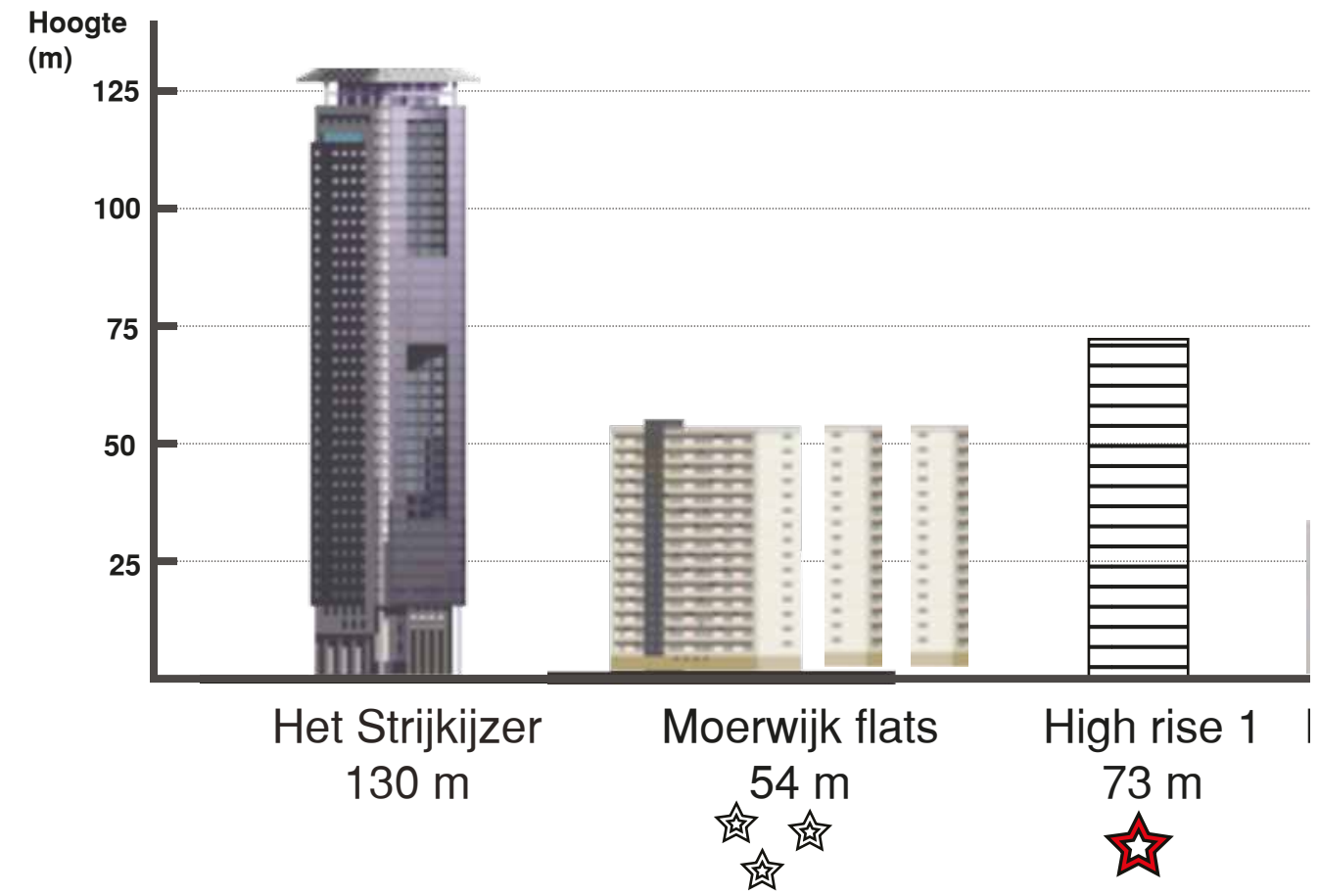
Het Strijkijzer  
130 m



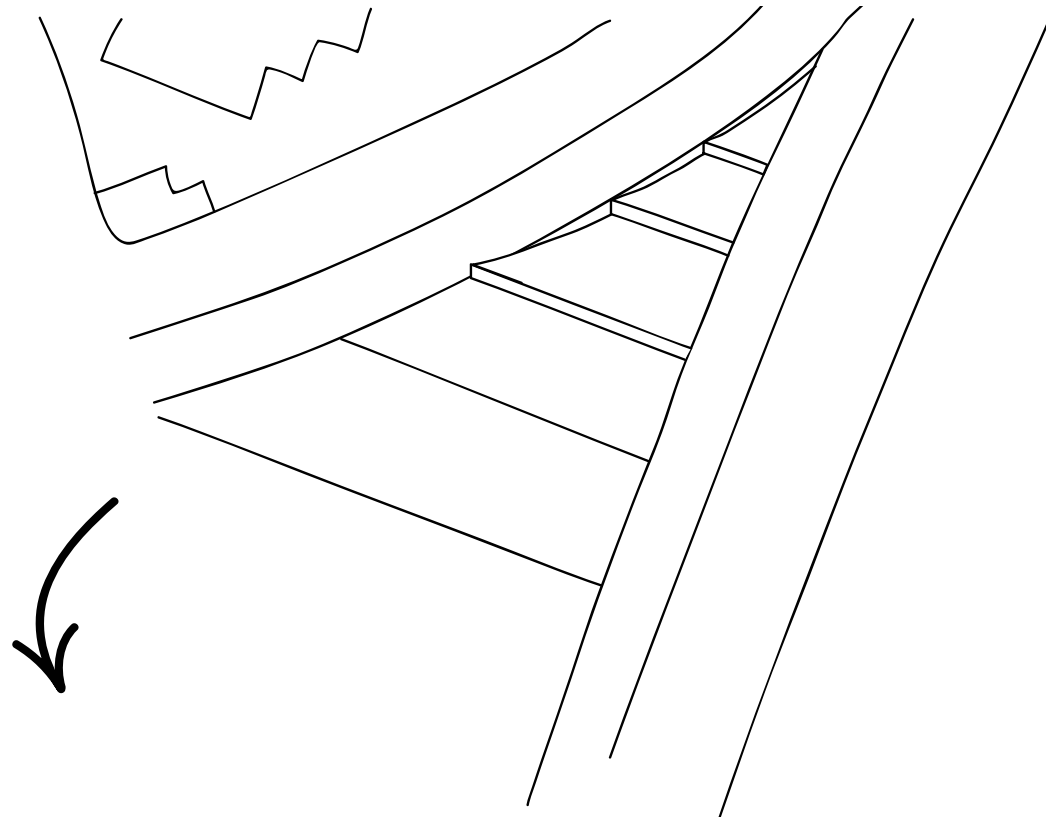
# SITUATIE



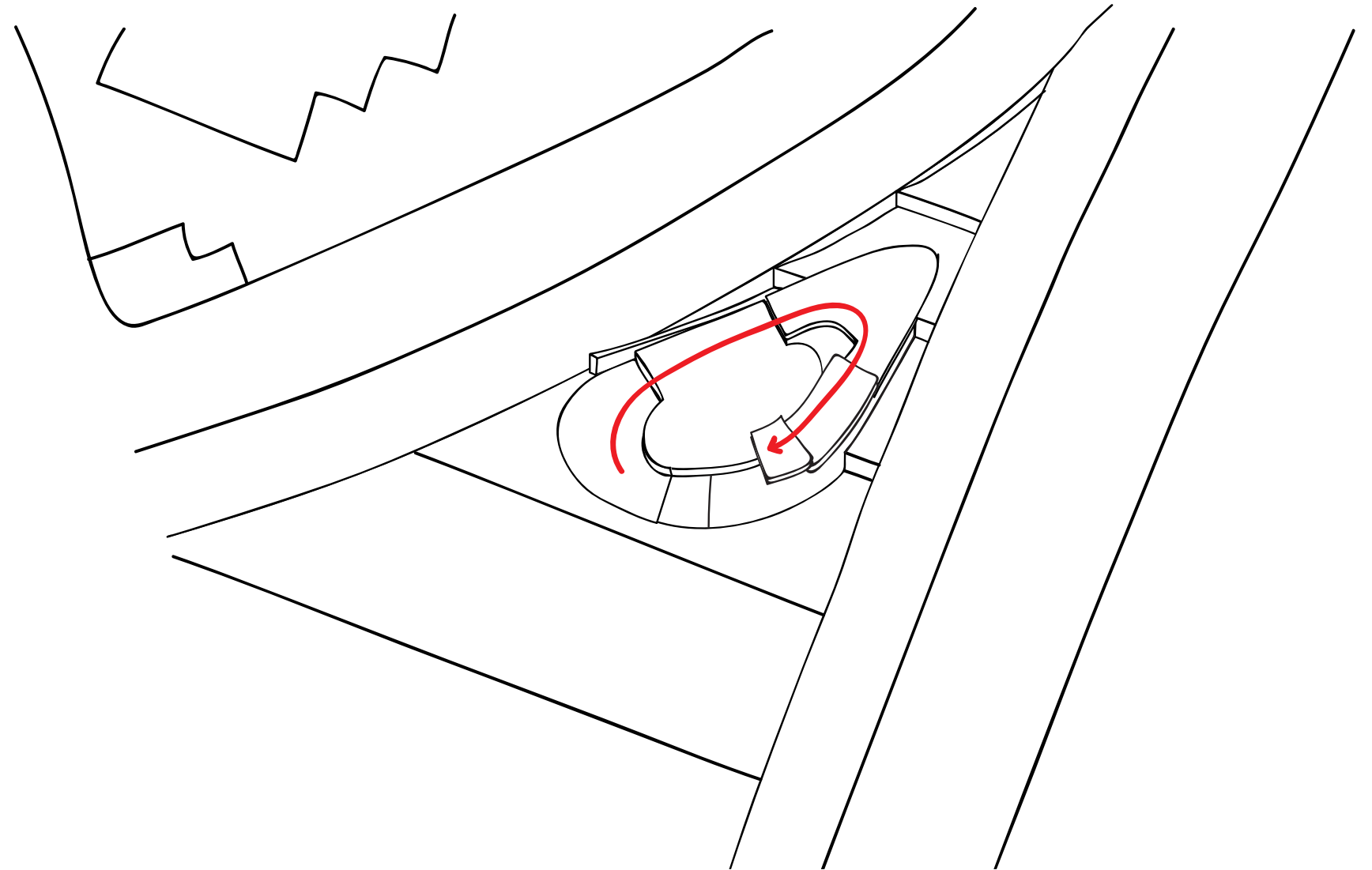
# SITUATIE



# SITUATIE

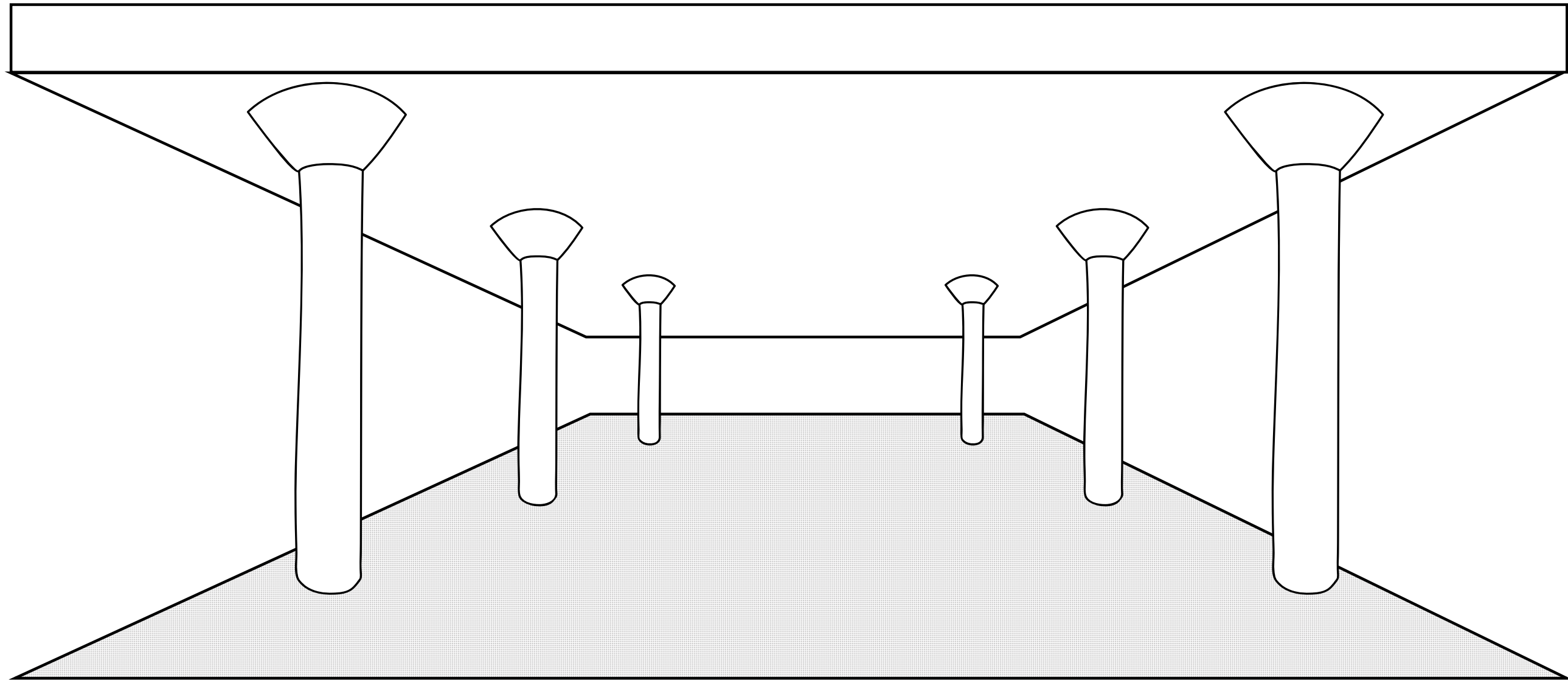


*omhoog verspringende vloerdelen*



# CONSTRUCTIE

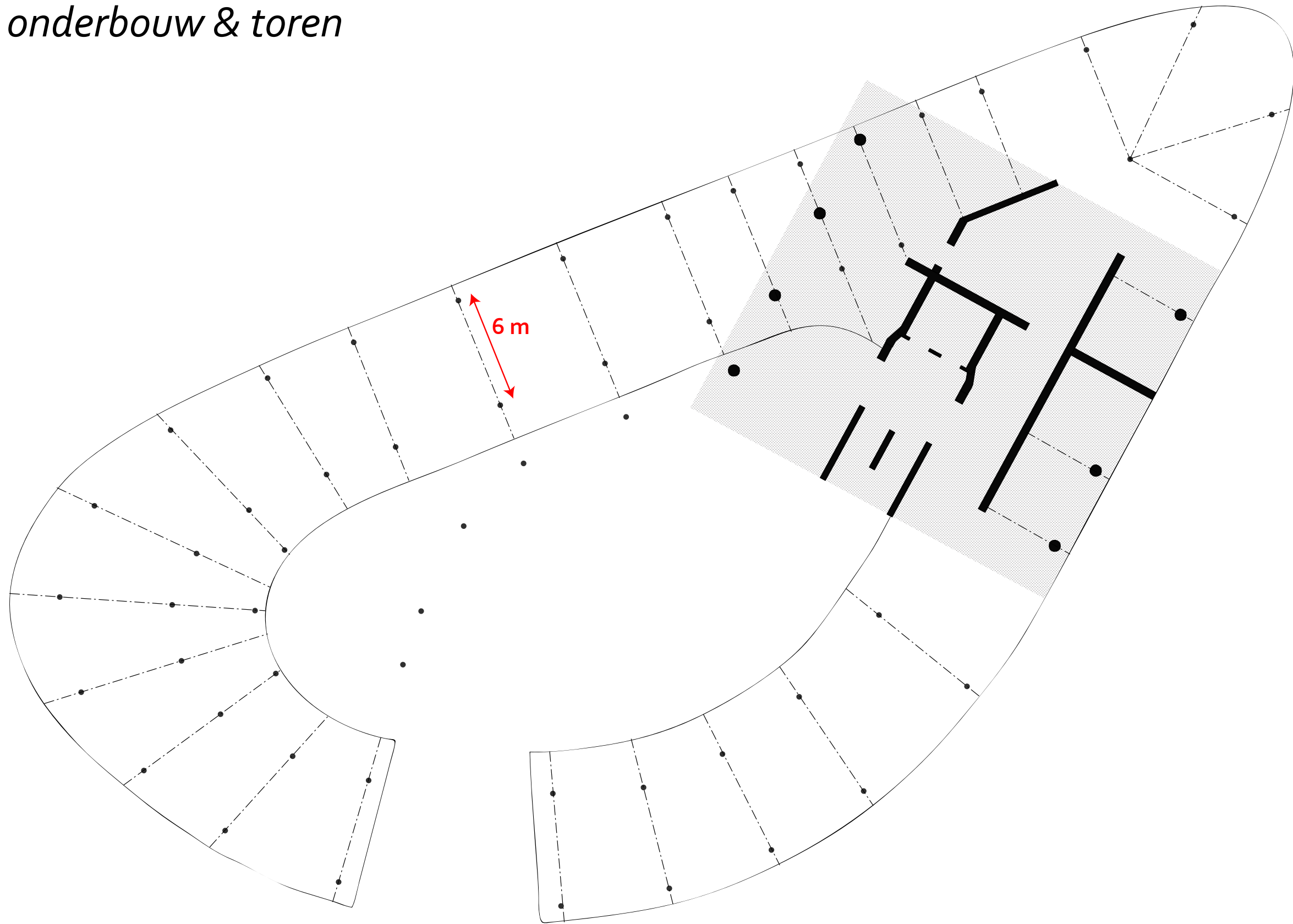
## *kolommen constructie*





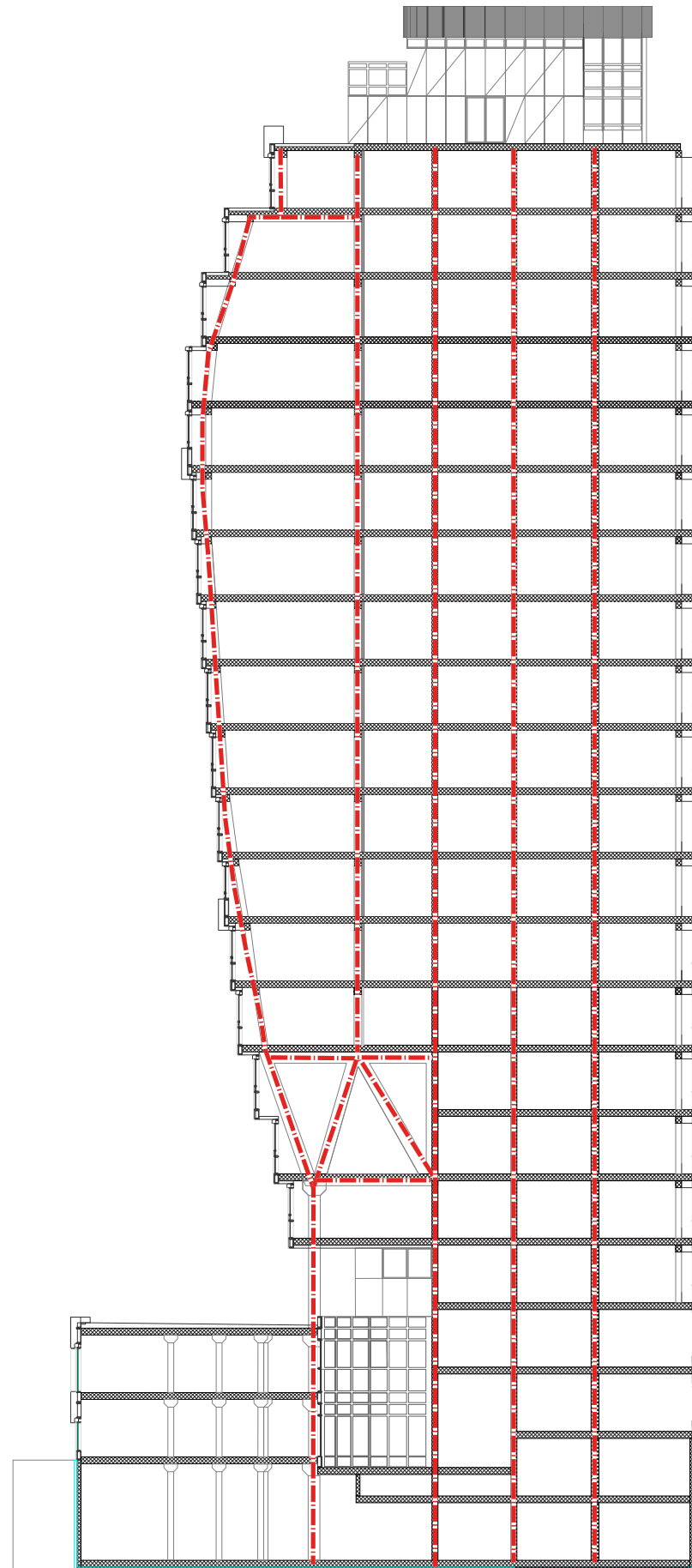
# CONSTRUCTIE

*samenkomst onderbouw & toren*



# CONSTRUCTIE

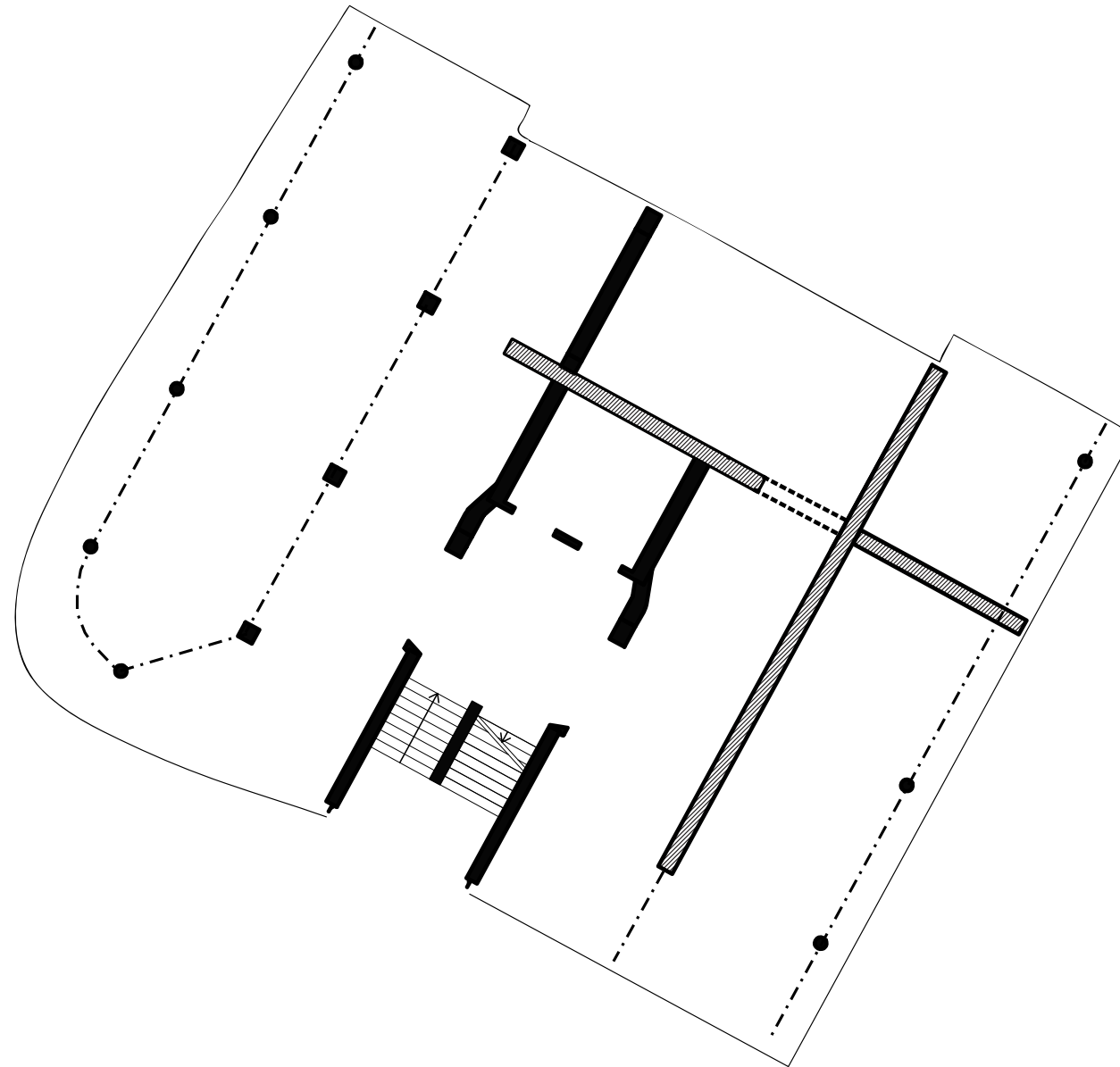
## *Betonnen vakwerk*





# CONSTRUCTIE

## *Kruis van stabiliteitswanden*

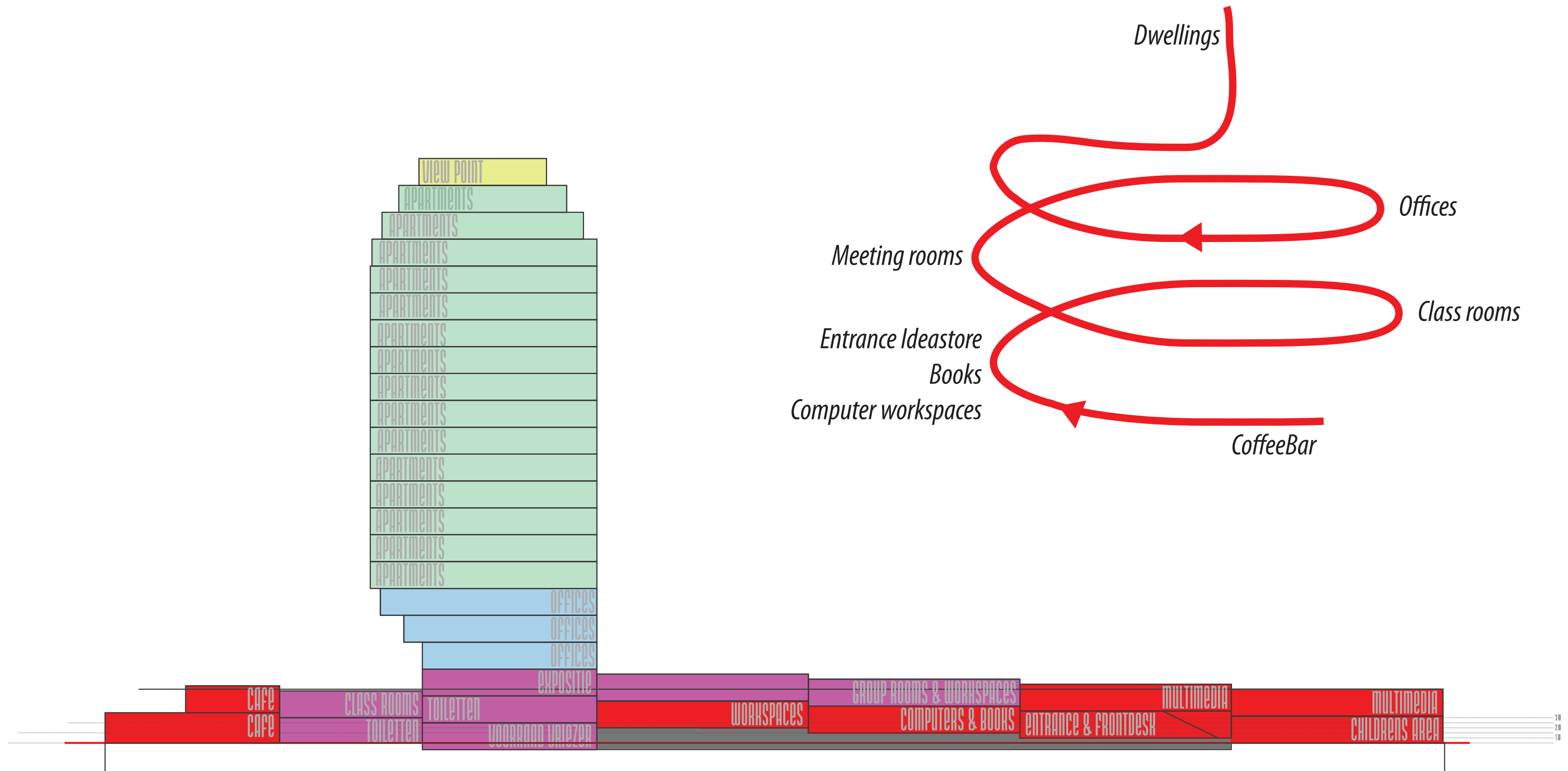


# PROGRAMMA



*Multimedia apparatuur in Openbare Bibliotheek Amsterdam*

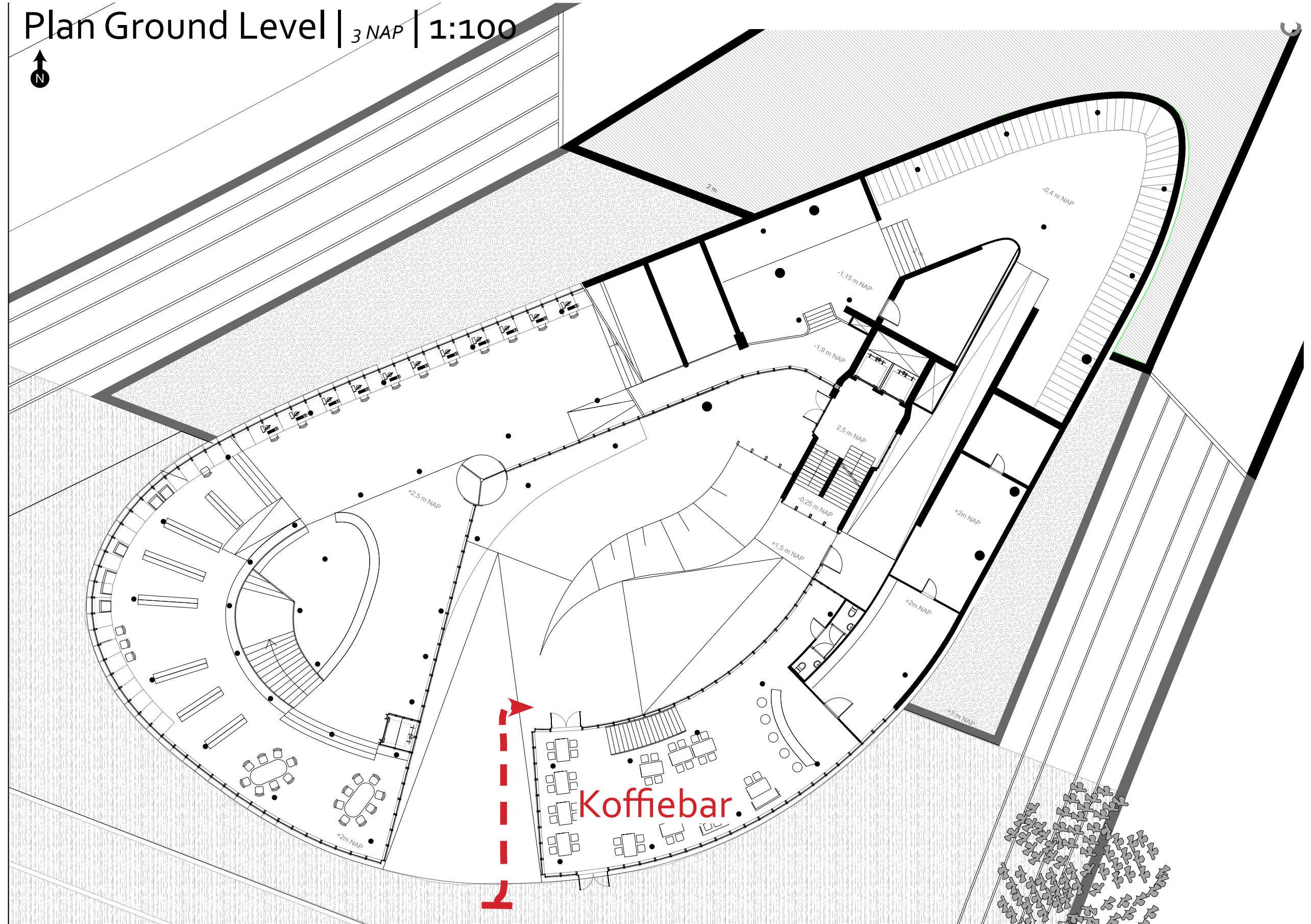
## Conceptuele distributie functies



*Overloop functies van publiek naar privé*

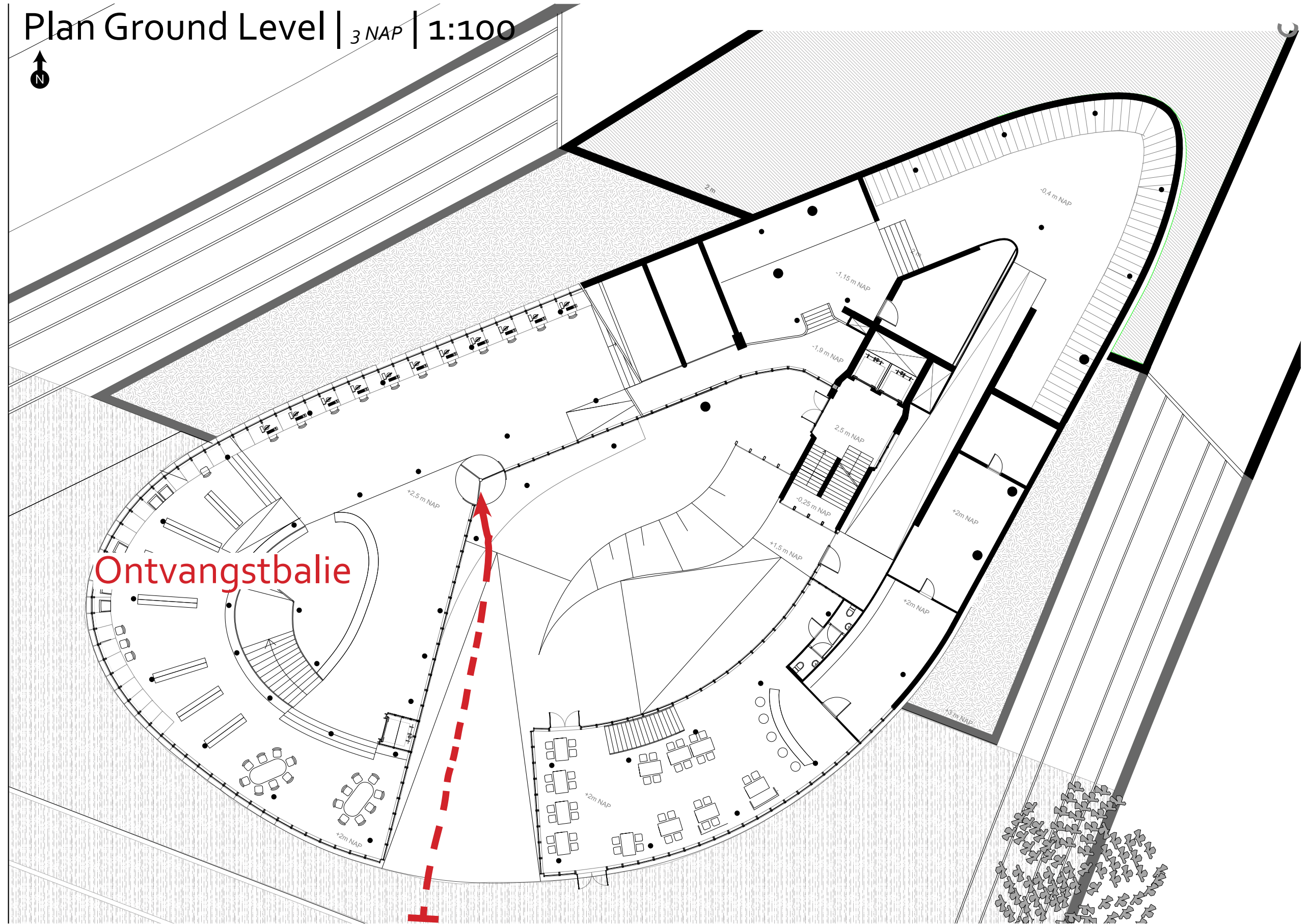
# PROGRAMMA

Plan Ground Level |  $3_{NAP}$  | 1:100



# PROGRAMMA

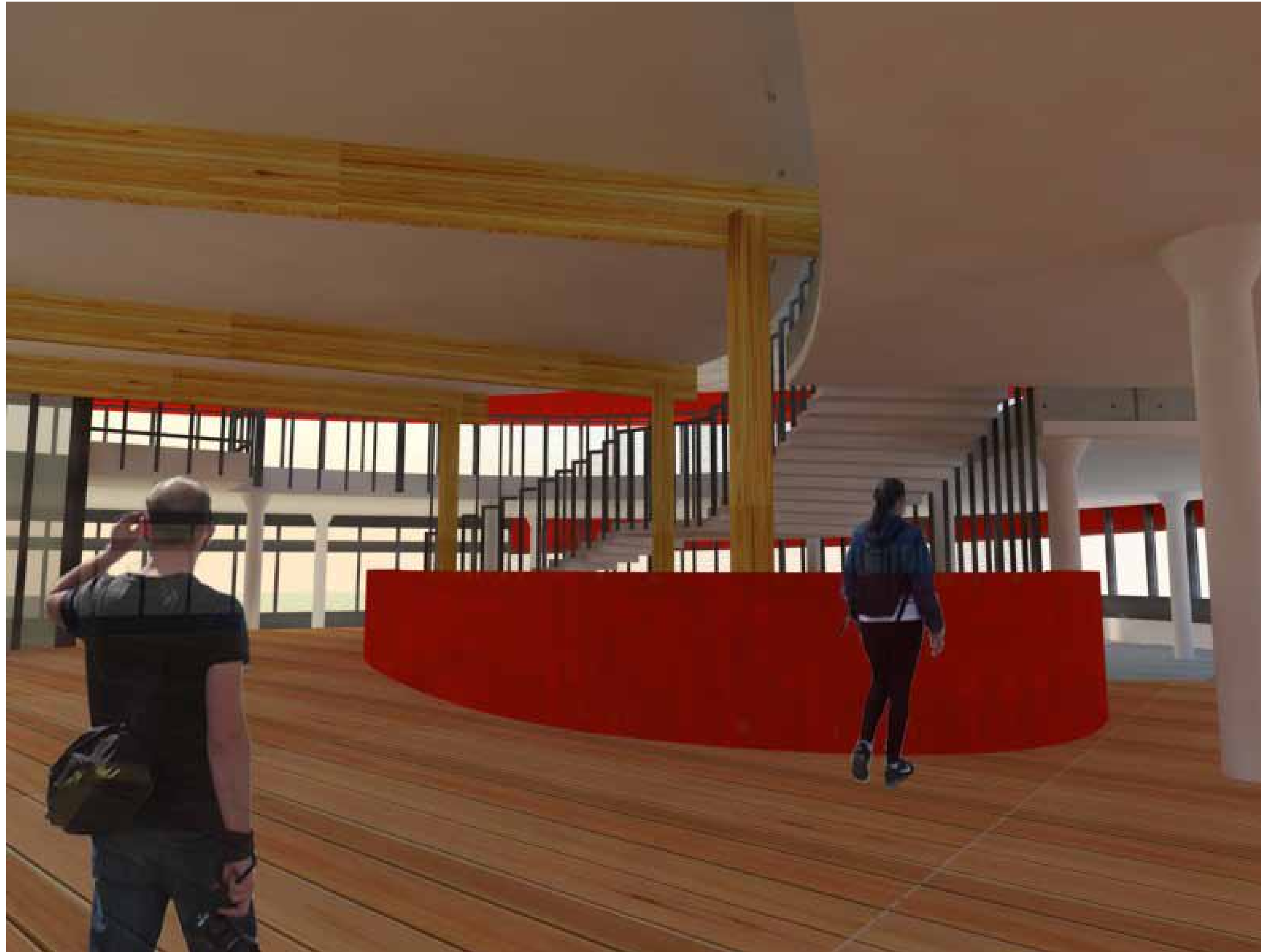
Plan Ground Level |  $3_{NAP}$  | 1:100



Ontvangstbalie

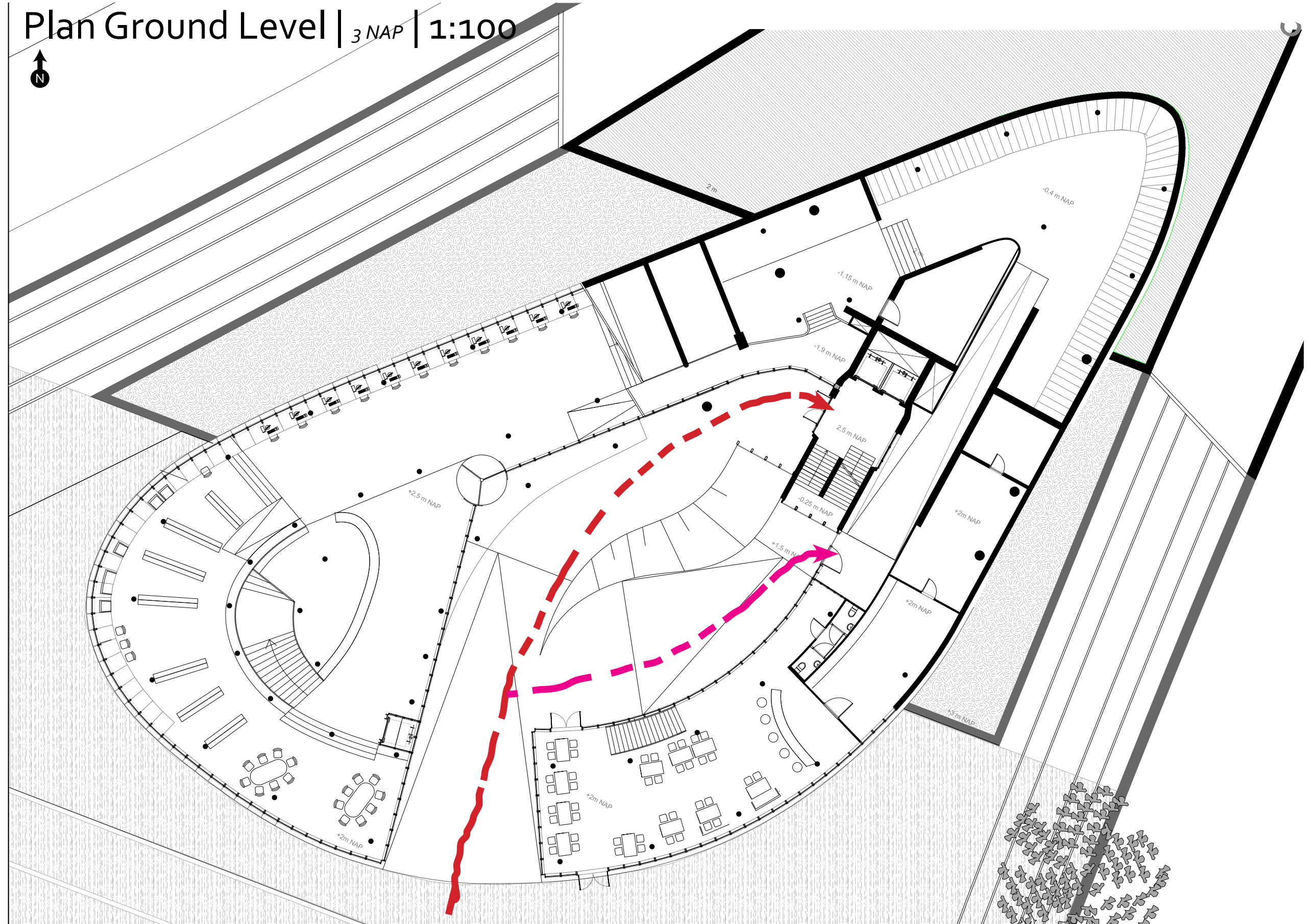


# PROGRAMMA



# PROGRAMMA

Plan Ground Level |  $3_{NAP}$  | 1:100

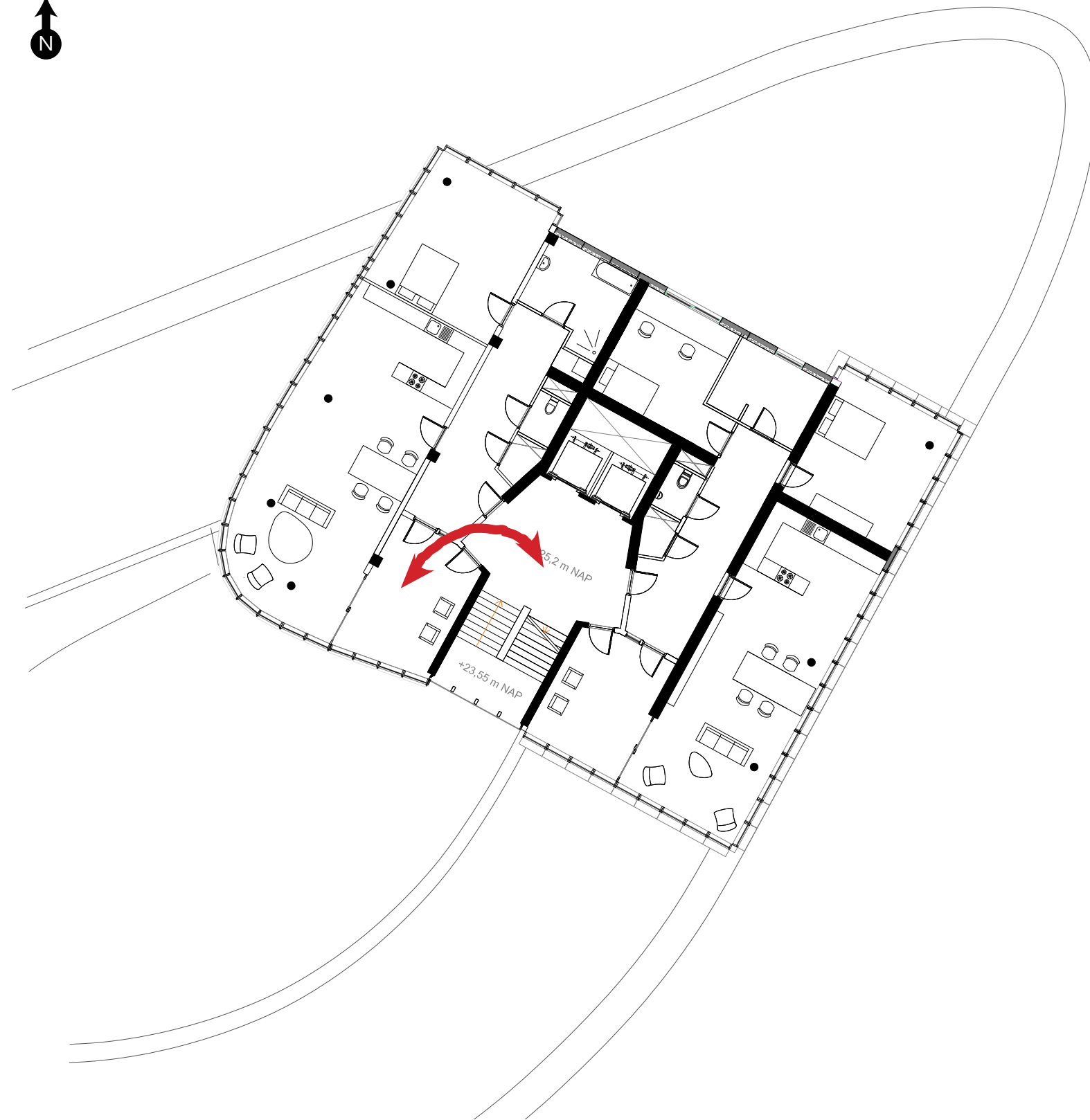


# PROGRAMMA



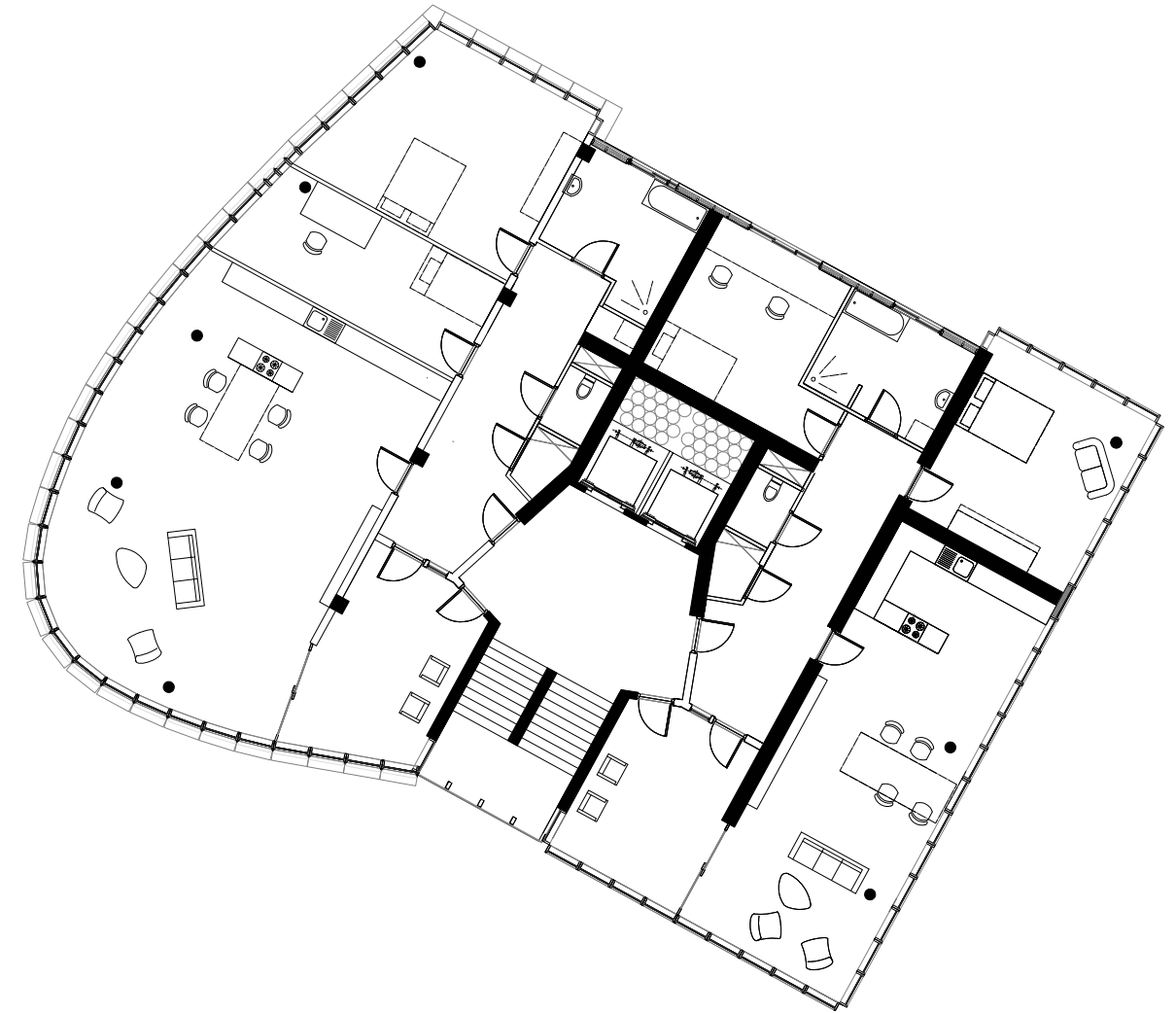
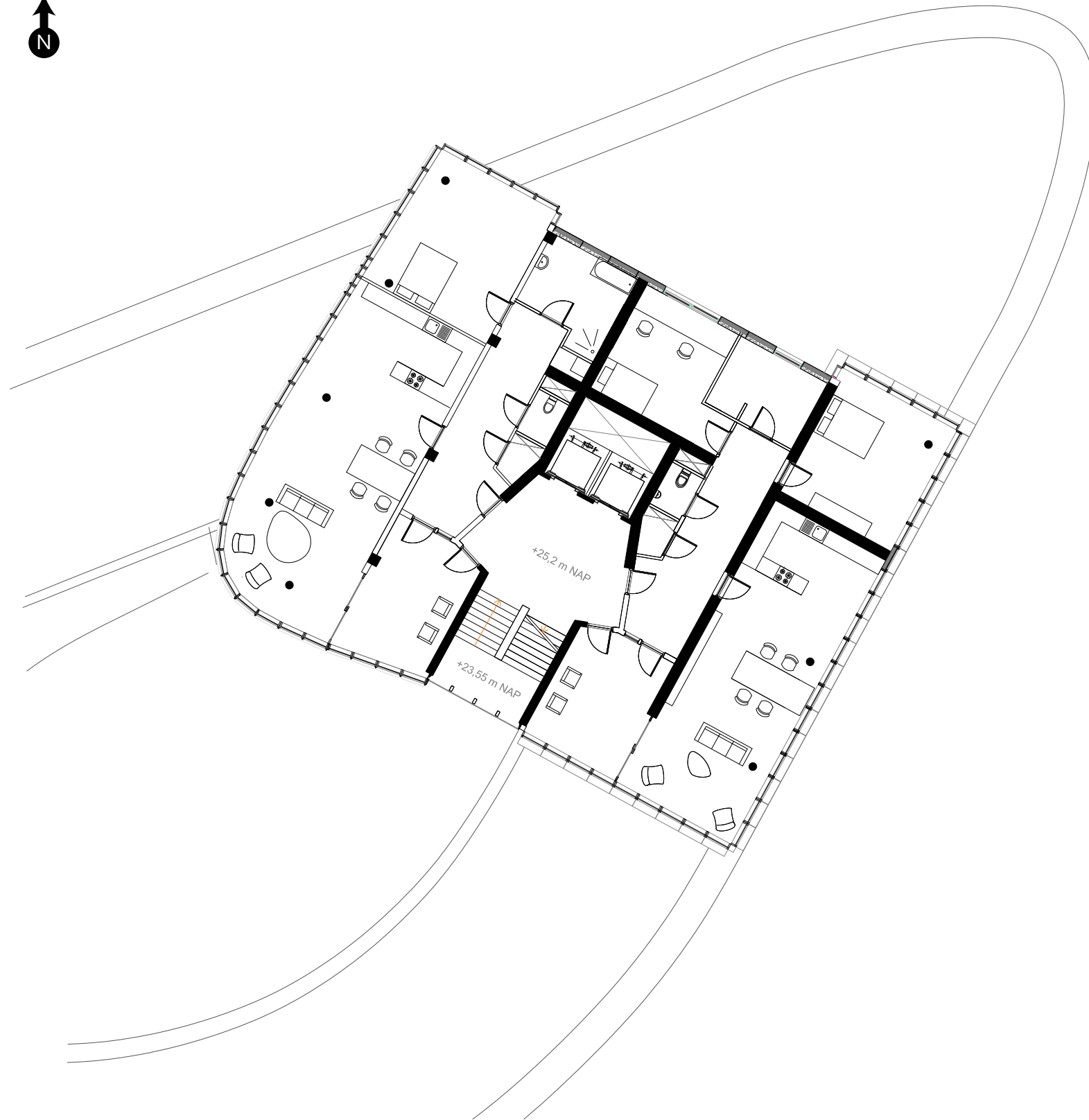
# PROGRAMMA

Plan 7th floor | 1:100



# PROGRAMMA

Plan 7th floor | 1:100



Plan 15th floor | 1:100

# GEVEL

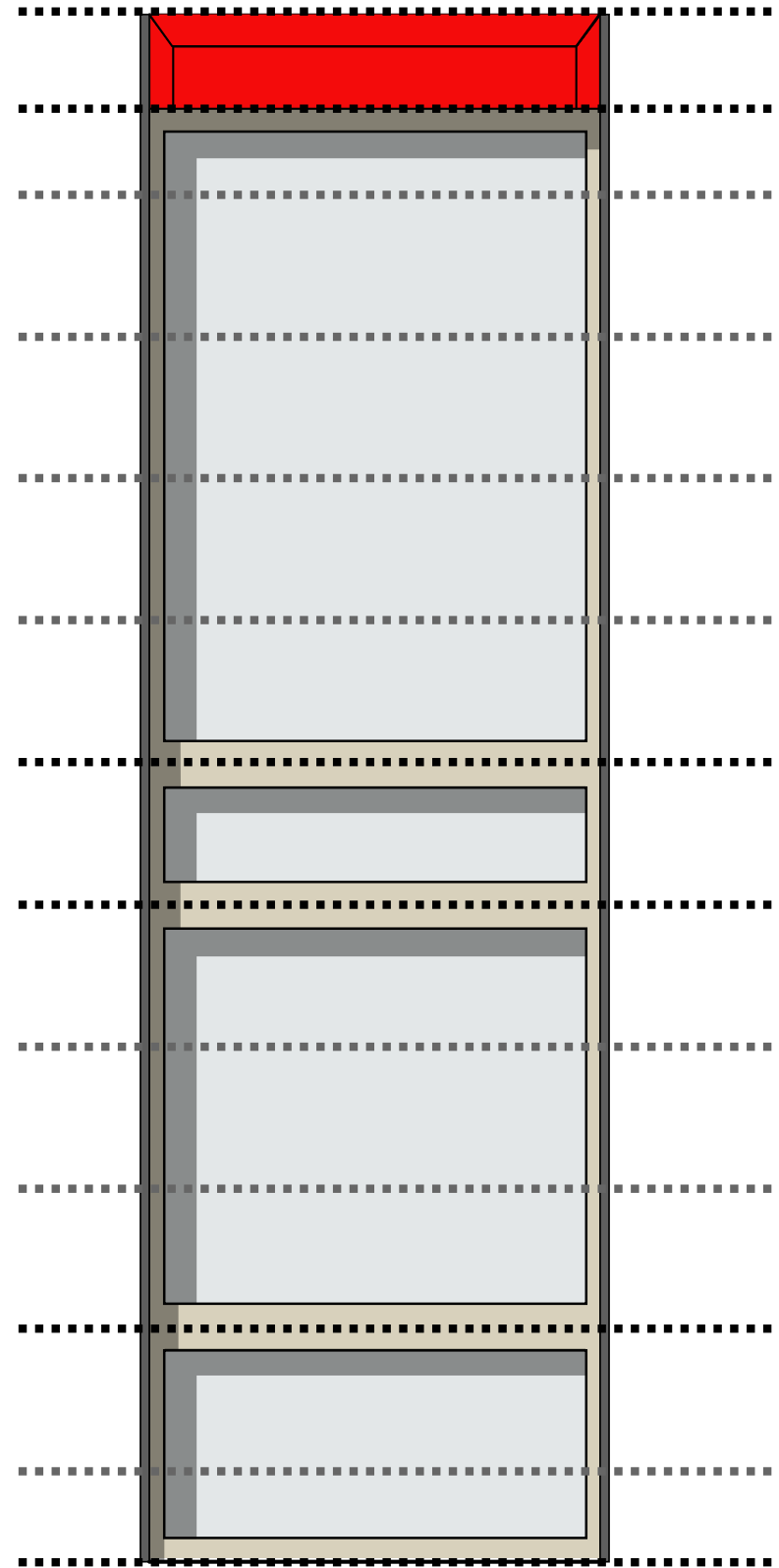
*visuele verbinding tussen  
onderbouw en bovenbouw*



# GEVEL



# GEVEL



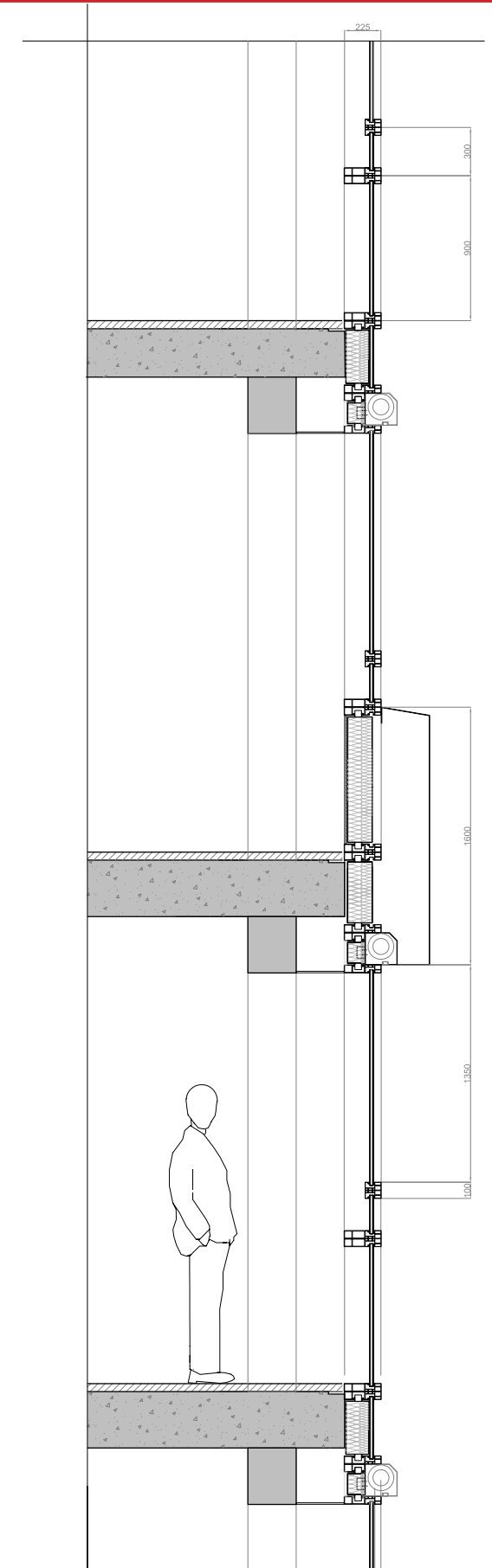
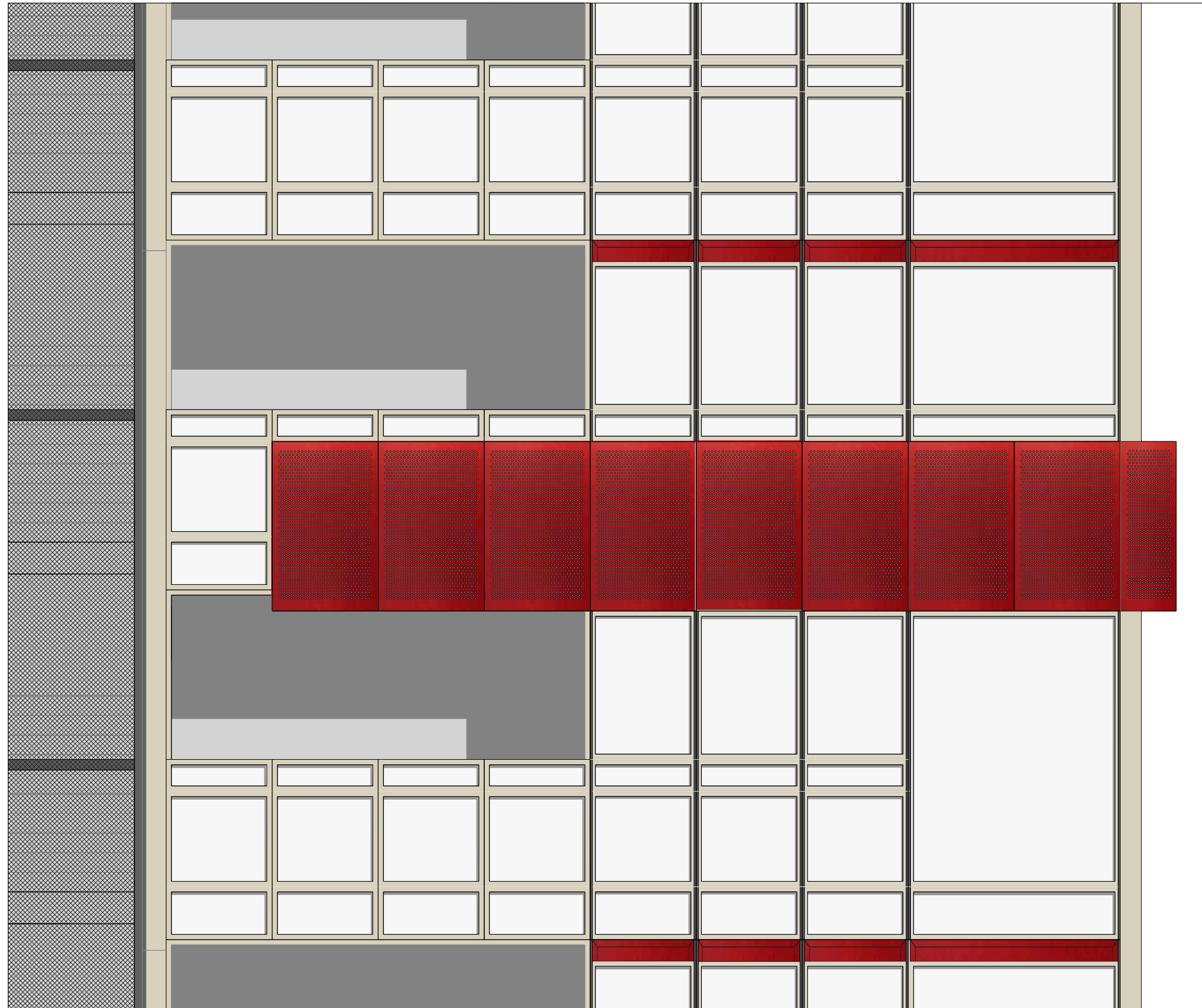
*Gevel element bovenbouw*

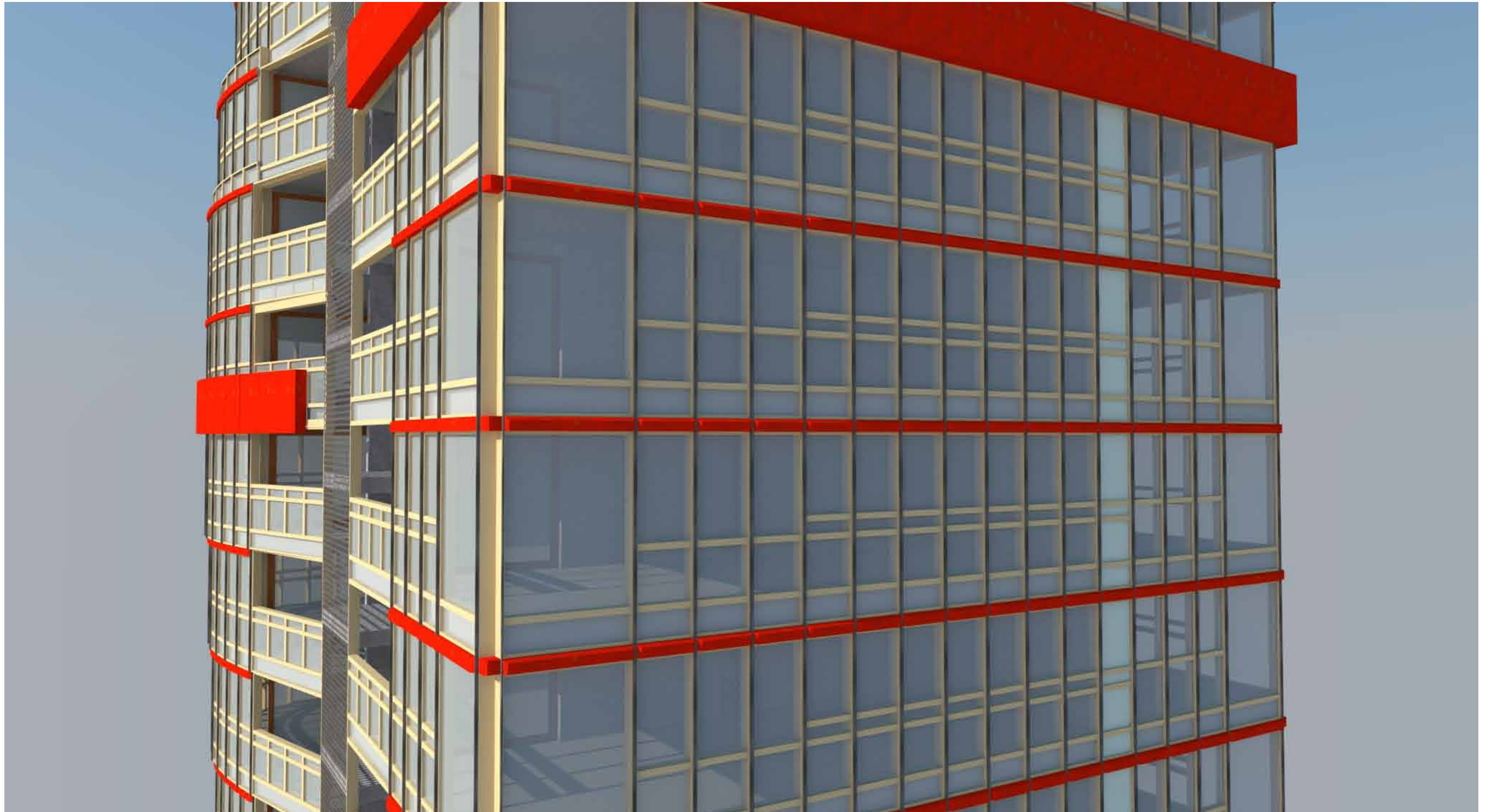


# GEVEL



# GEVEL



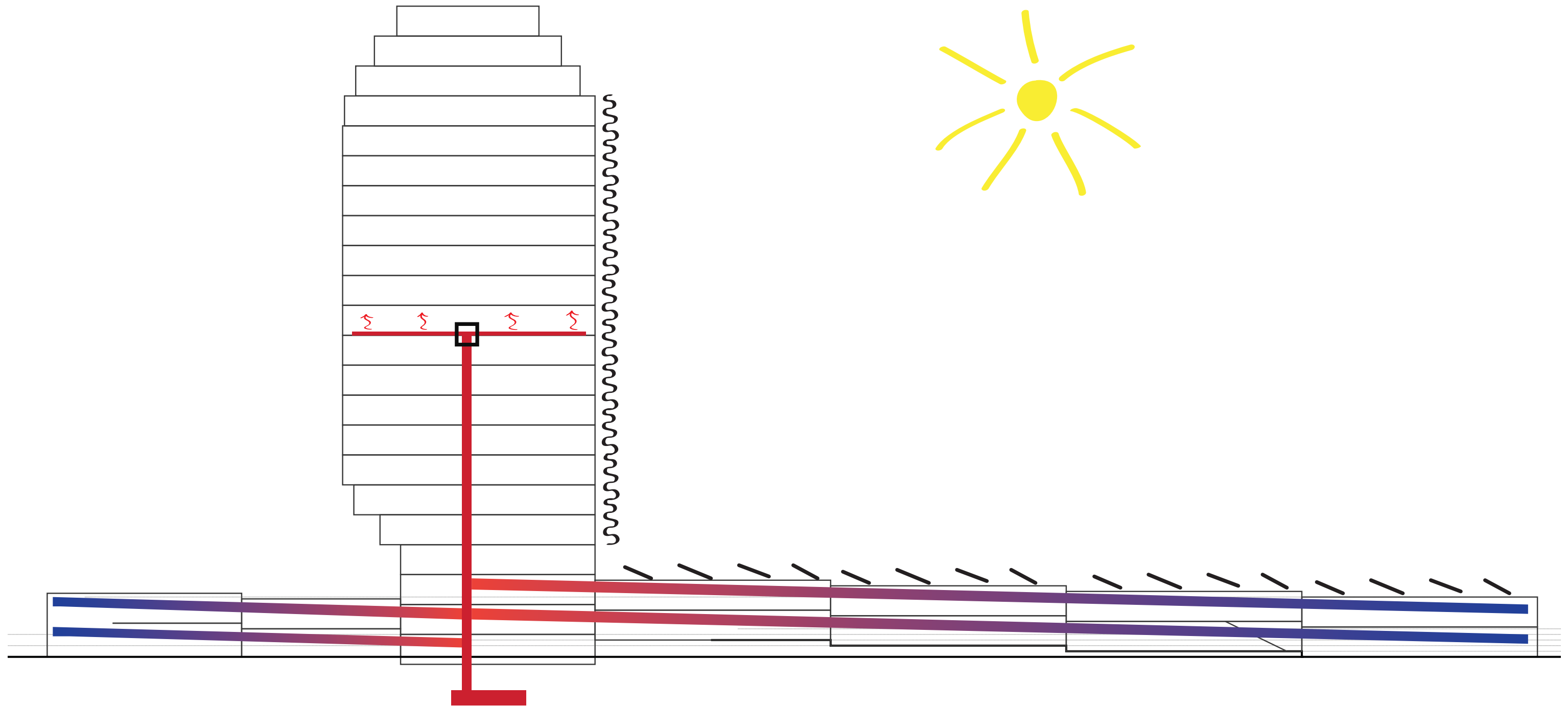


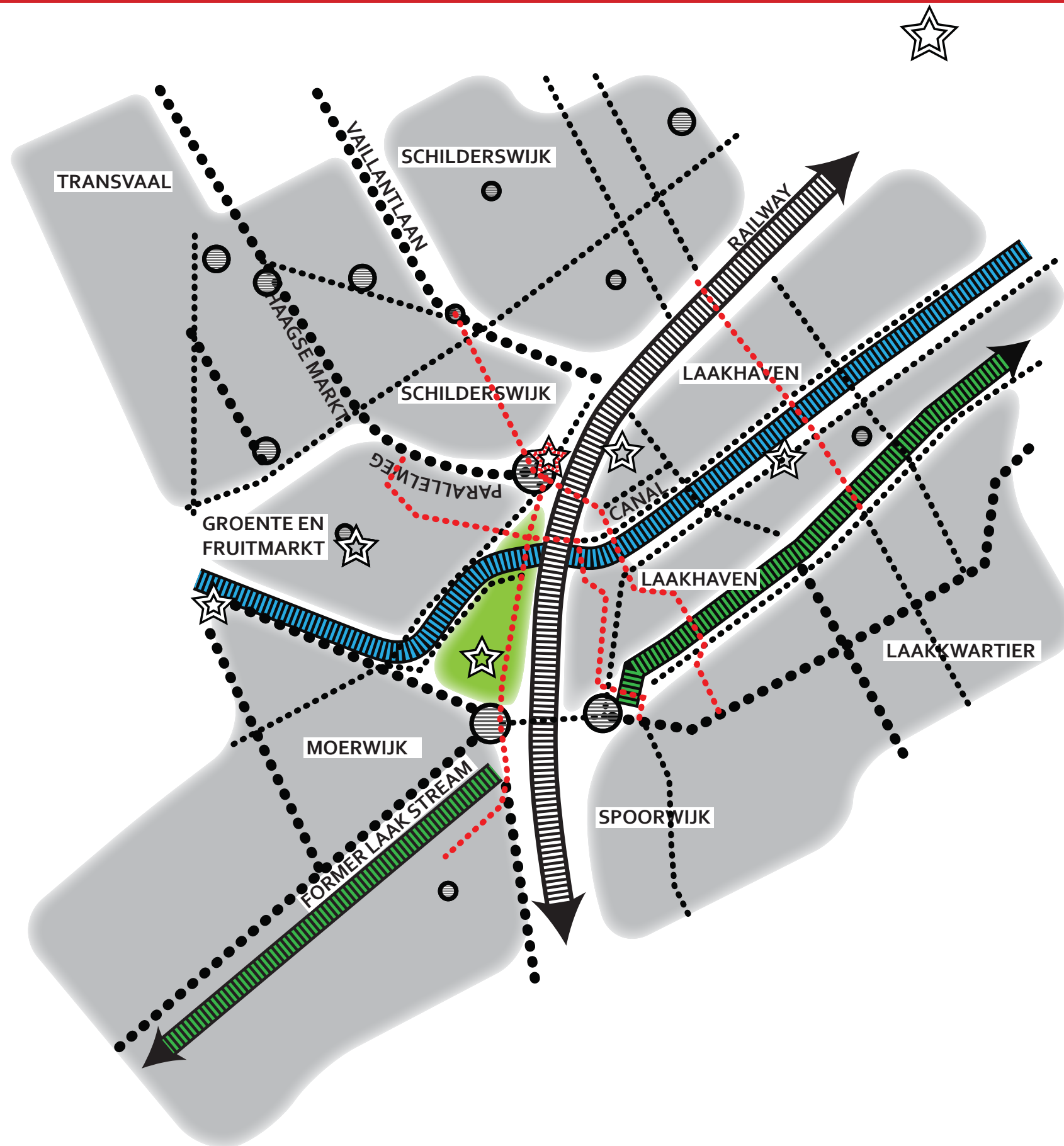
# GEVEL



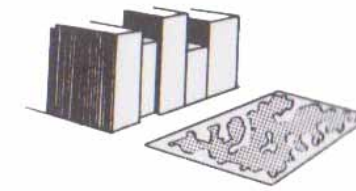
# INSTALLATIES

## Verwarming





 Randen



 Landmarks

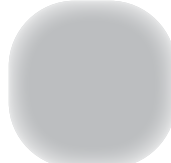


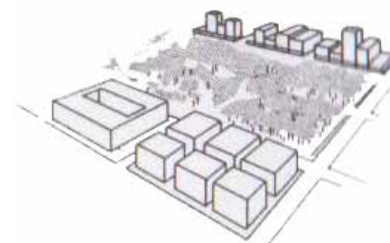
 Paden

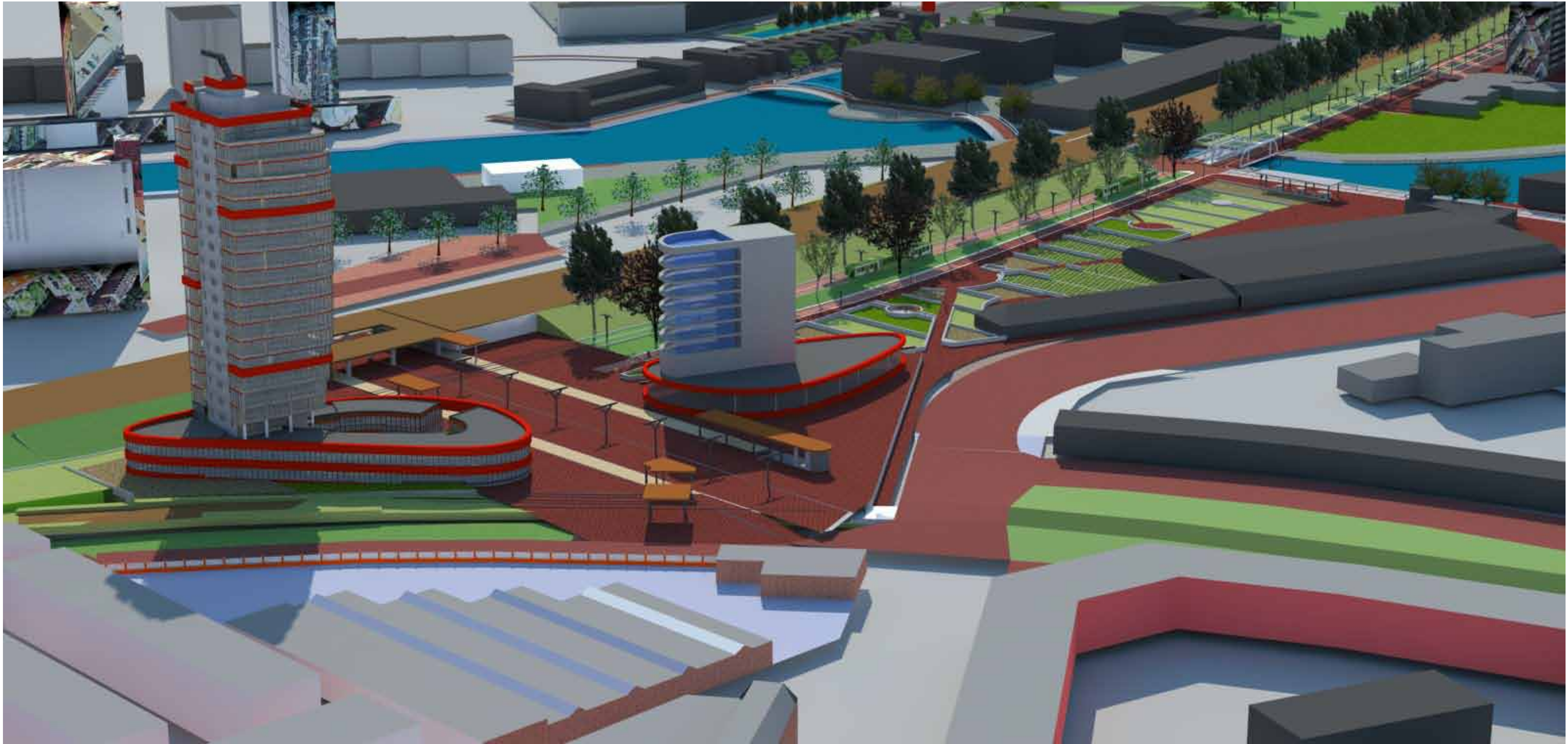


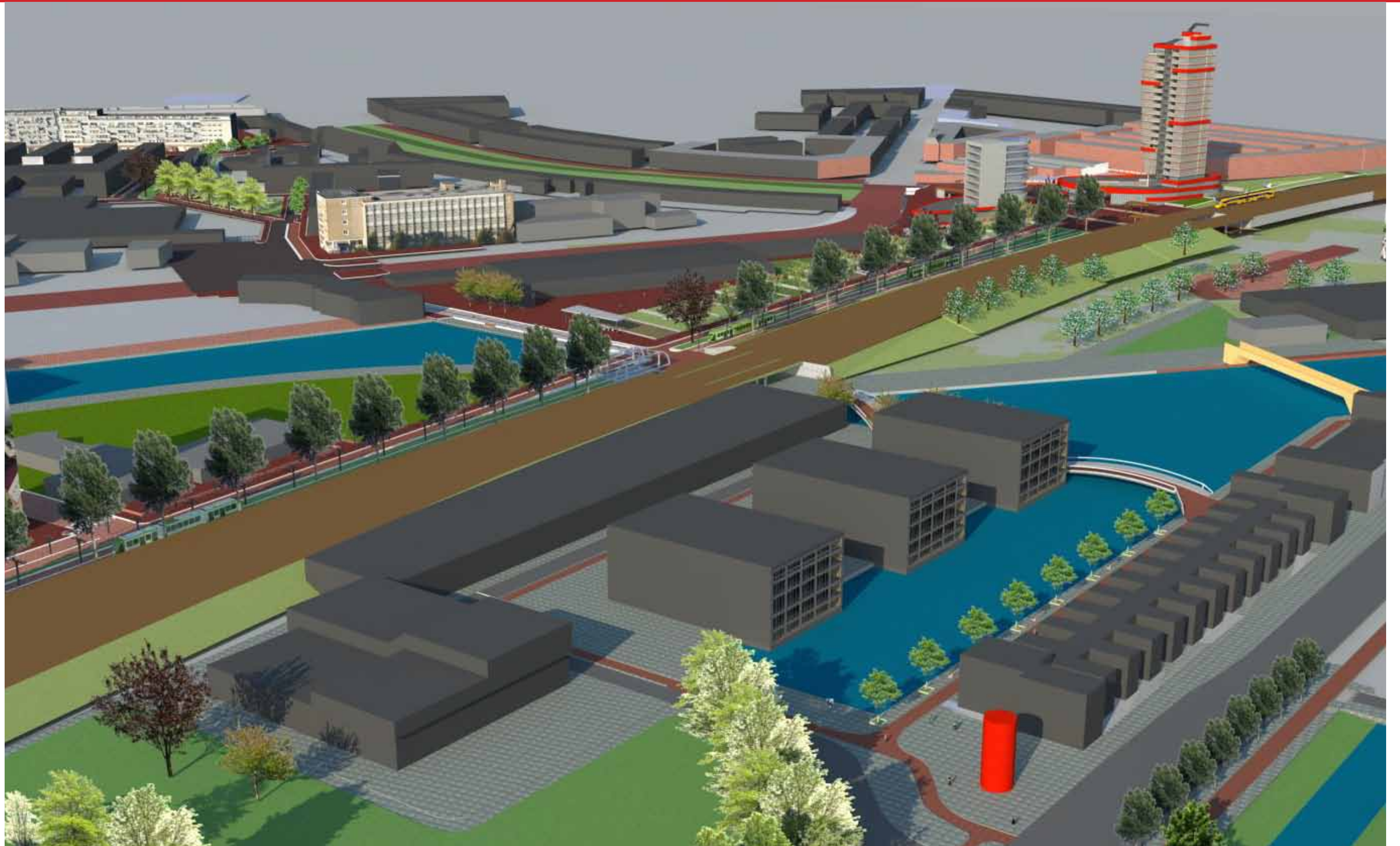
  Knooppunten



 Districten









# GROENE ROUTE



# GROENE ROUTE



# GROENE ROUTE



# GROENE ROUTE



# GROENE ROUTE



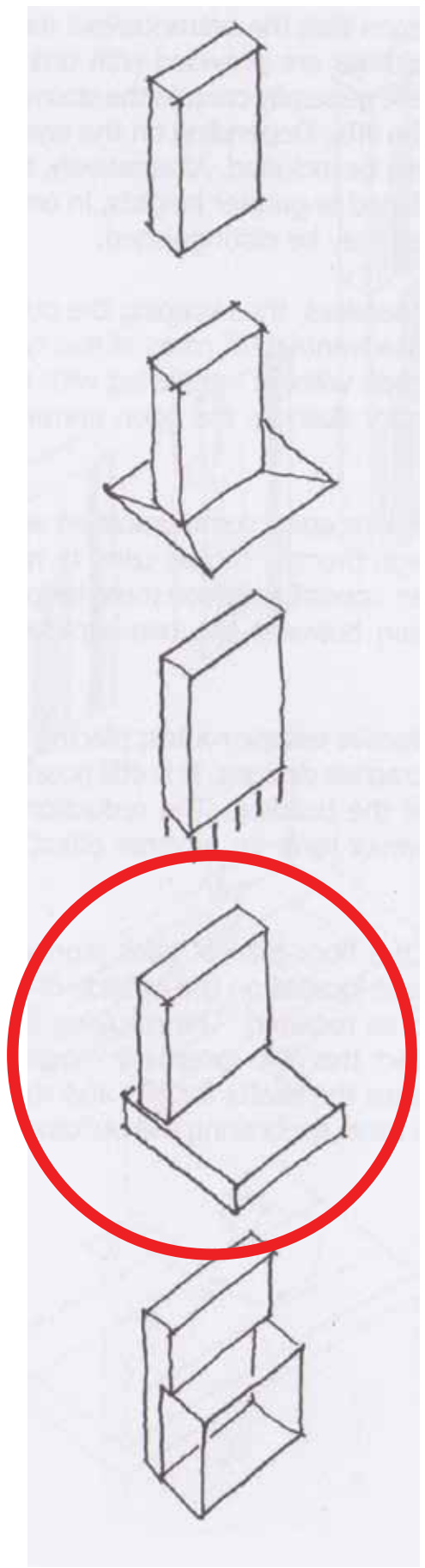
Section from city centre to station Moerwijk

**Theme studio:** Renewal of Urban Renewal

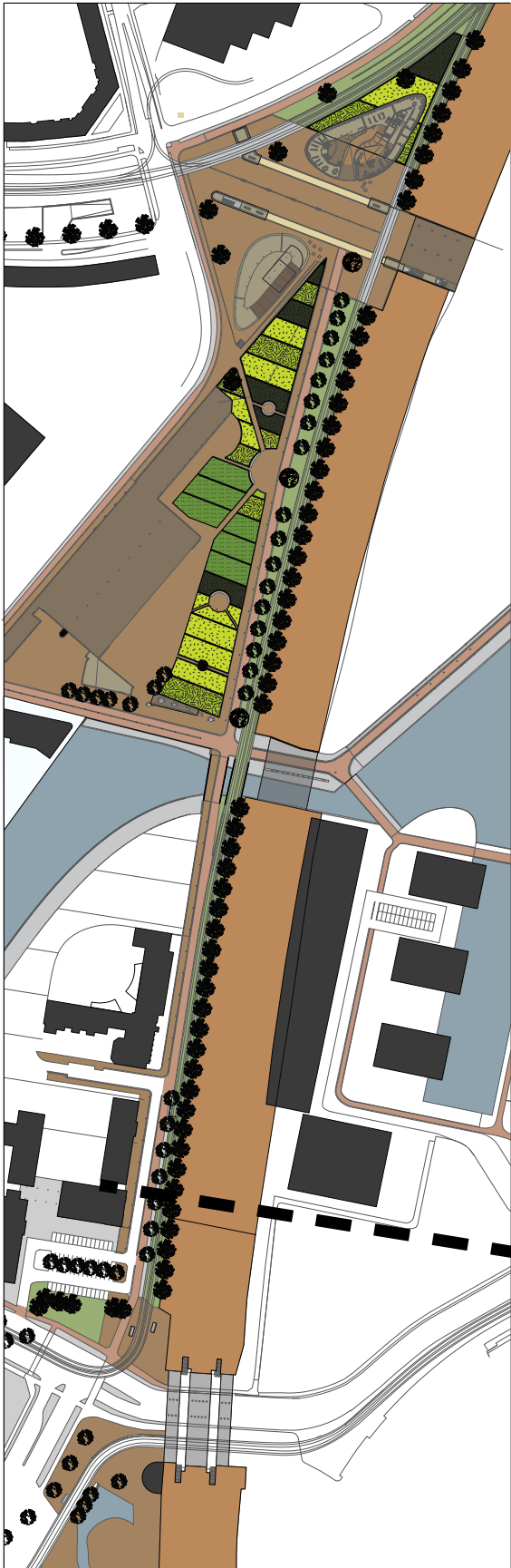
*KEI over stadvernieuwing: De sobere manier van implementatie negeerde en uiterlijk en de ervaring van de openbare ruimte.*



# ARCHITECTURE: GENERIEK - SPECIFIEK

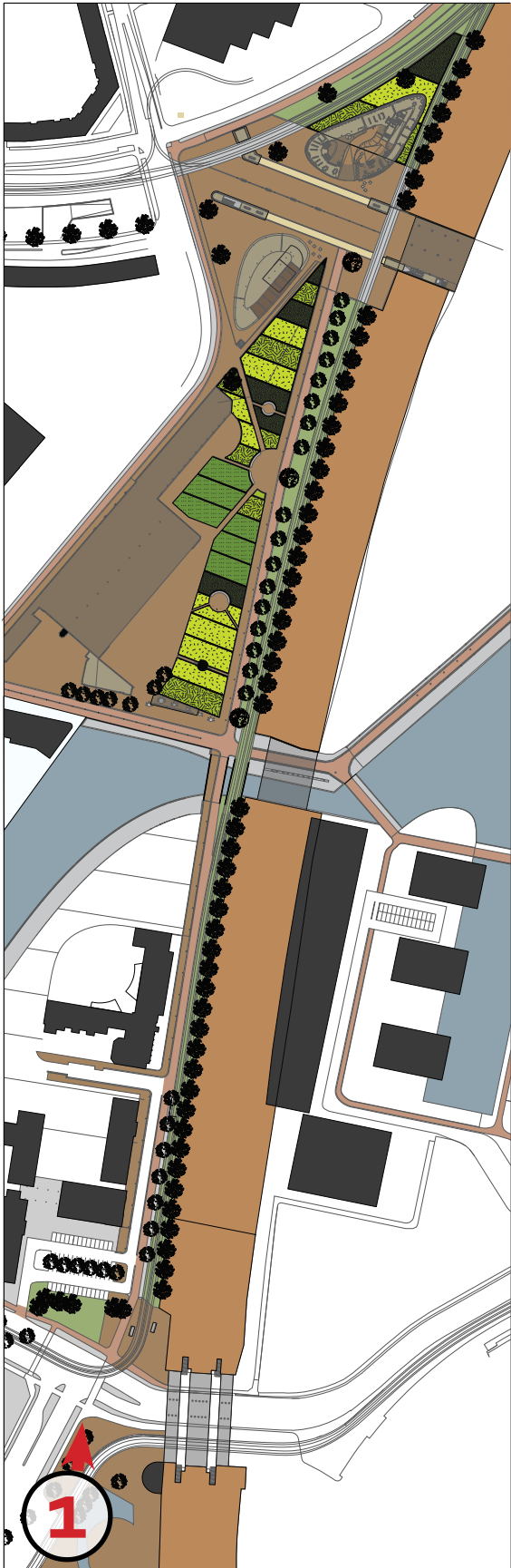


# GROENE ROUTE





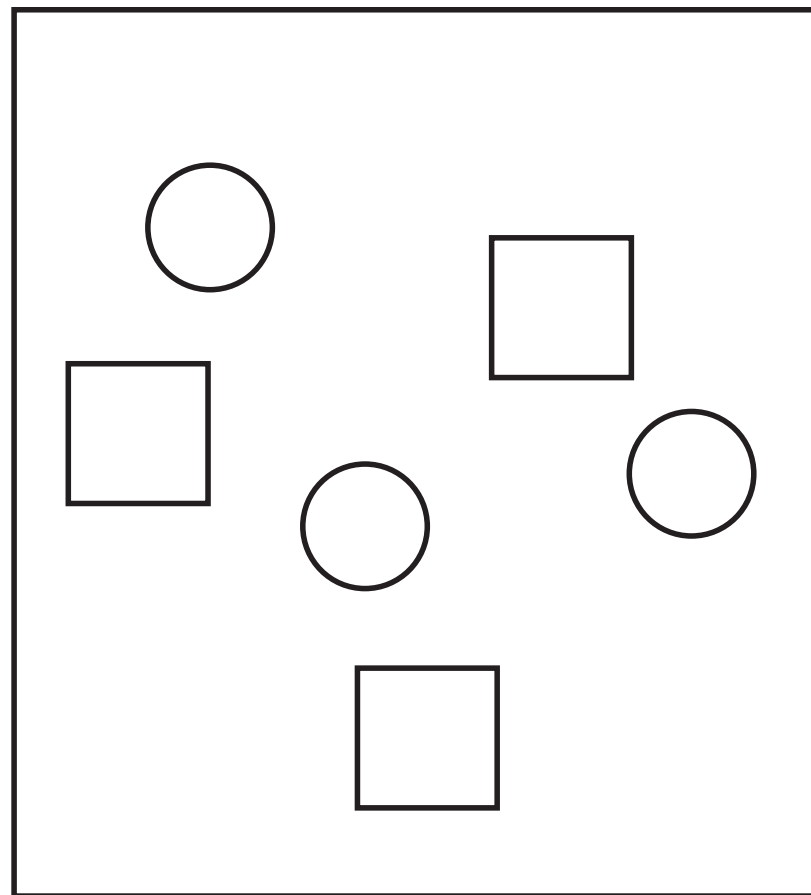
# GROENE ROUTE



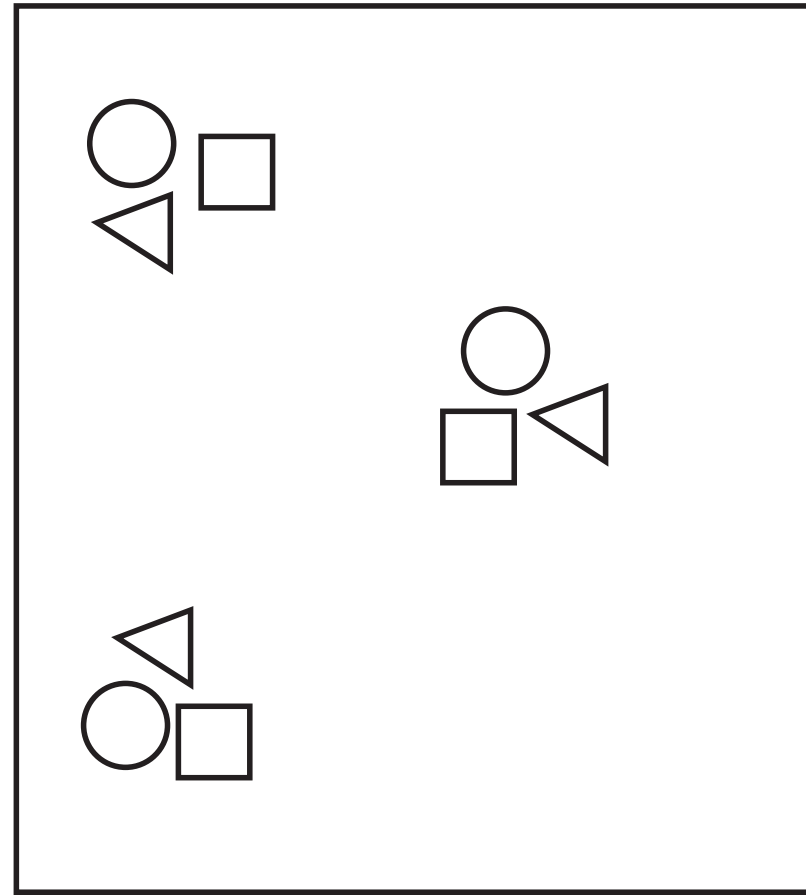


## Cullen en Lynch in architectuur: relatie tussen elementen

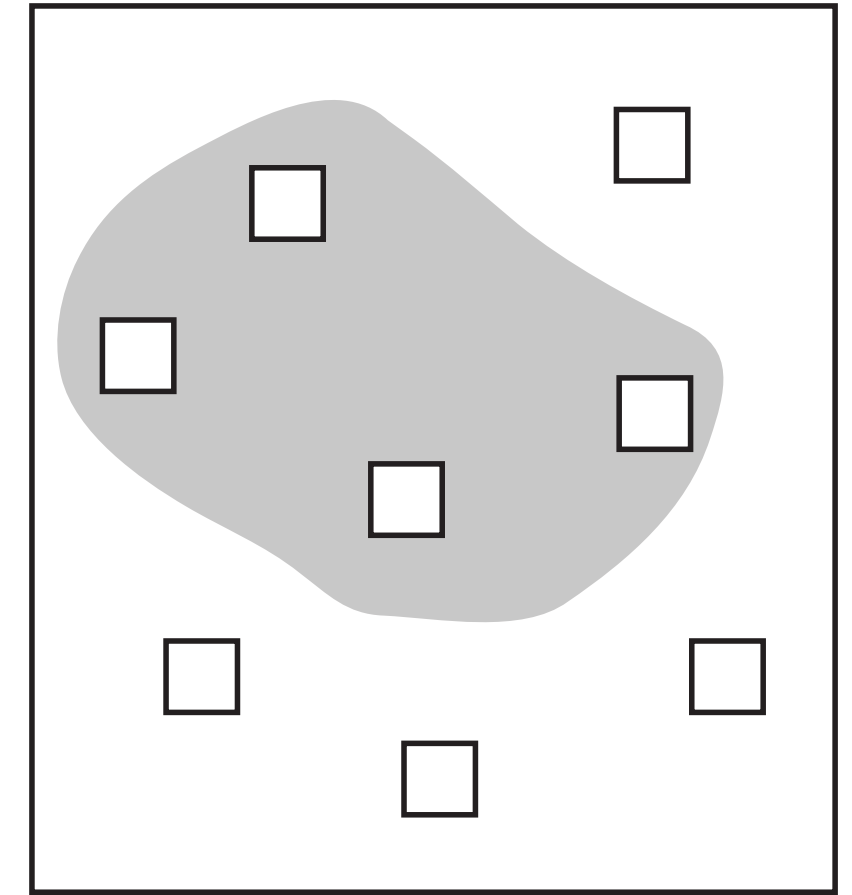
*Gelijkenis*



*Nabijheid*

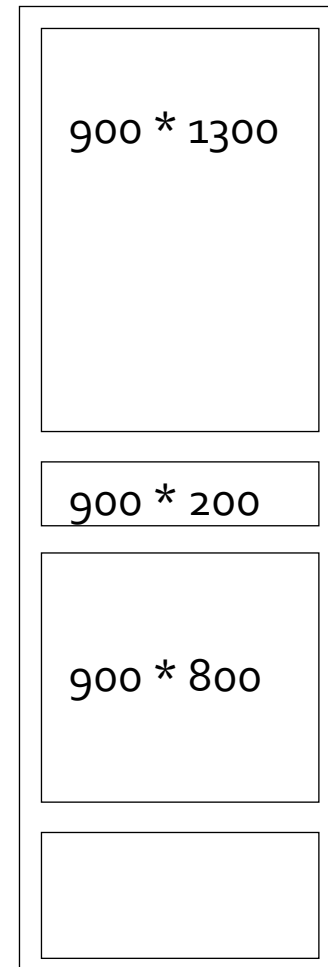


*Gemeenschap*



**Pierre von Meiss (1986): "Elements of architecture"**

## Glas

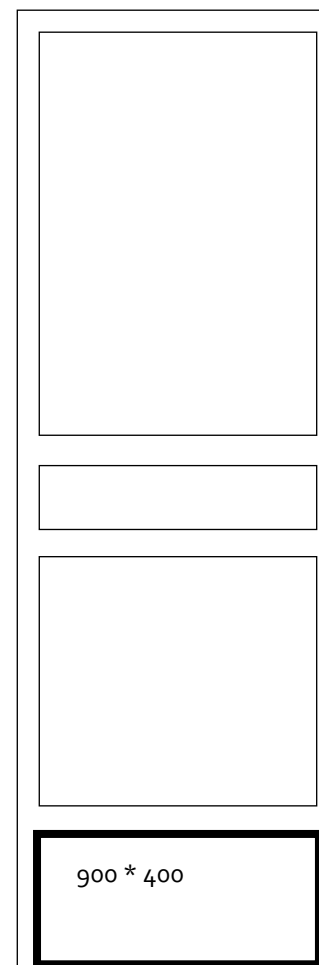


$$A = 900 * 2300 \text{ per gevelement} = 2,07 \text{ m}^2$$

SGG Climaplus Silence 6 - 12 - 4,4 2A  
met Argon gevuld  $U = 1,3 \text{ W}/(\text{m}^2 \cdot \text{K})$

$$R_w = 38 \text{ (65-38 < 37 dB)}$$

$$A = 900 * 400 = 0,36 \text{ m}^2$$



Polycarbonaat 32 mm

$$U = 1,6 \text{ W}/(\text{m}^2 \cdot \text{K})$$

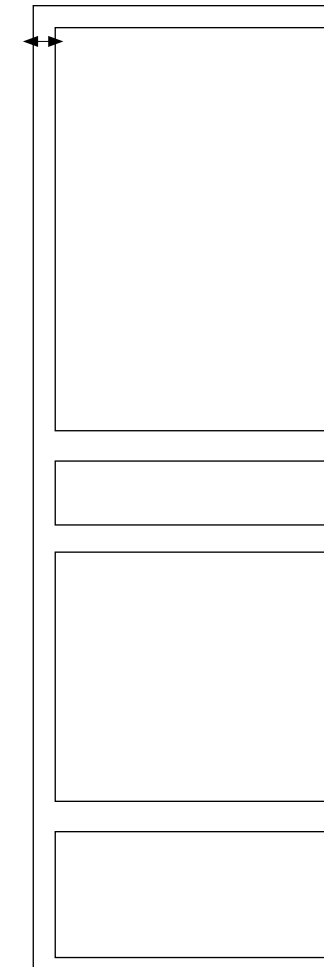
## Kozijnen

$$d = 100 \text{ mm}$$

$$A = 8 * (50 * 900) + 2 * (50 * 3000) = 0,66 \text{ m}^2$$

Alcoa aluminium elementen-  
gevel AA9572 HR

$$U = 1,68 \text{ W}/(\text{m}^2 \cdot \text{K})$$



$$U_{\text{totaal}} = 2,07 * 1,3 + 0,66 * 1,68 + 0,36 * 1,6 = 2,691 + 1,1088 + 0,576 = 4,3758 \text{ W/K}$$

$$= \text{gemiddeld } 4,3758 / (1000 * 3000) = 1,45 \text{ W}/(\text{m}^2 \cdot \text{K})$$

# GROENE ROUTE - PLEIN

