P4 Presentation

Practising critical architecture

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-
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Introduction

What do you mean by....

and why would you...

Practise critical architecture?

Practise critical architecture?

Practices sustain a working society

Practise critical architecture?

Often certain aspects within the practice don't add value,
but have just become common

Practise critical architecture?

The practice of architecture shows a lot of signs of being out of sync with society and its practitioners

Observations about current architecture practice

1. **efficiency** and **prospective**

2. **function** controls what can be built

3. minimal amount of **uncertainty / openness**

4. construction of **finished projects**,
   civilians can not influence public space

Uncritical development of public space

De Binnenrotte, Rotterdam (1600-2015)

Observation 01

Efficiency and prospective

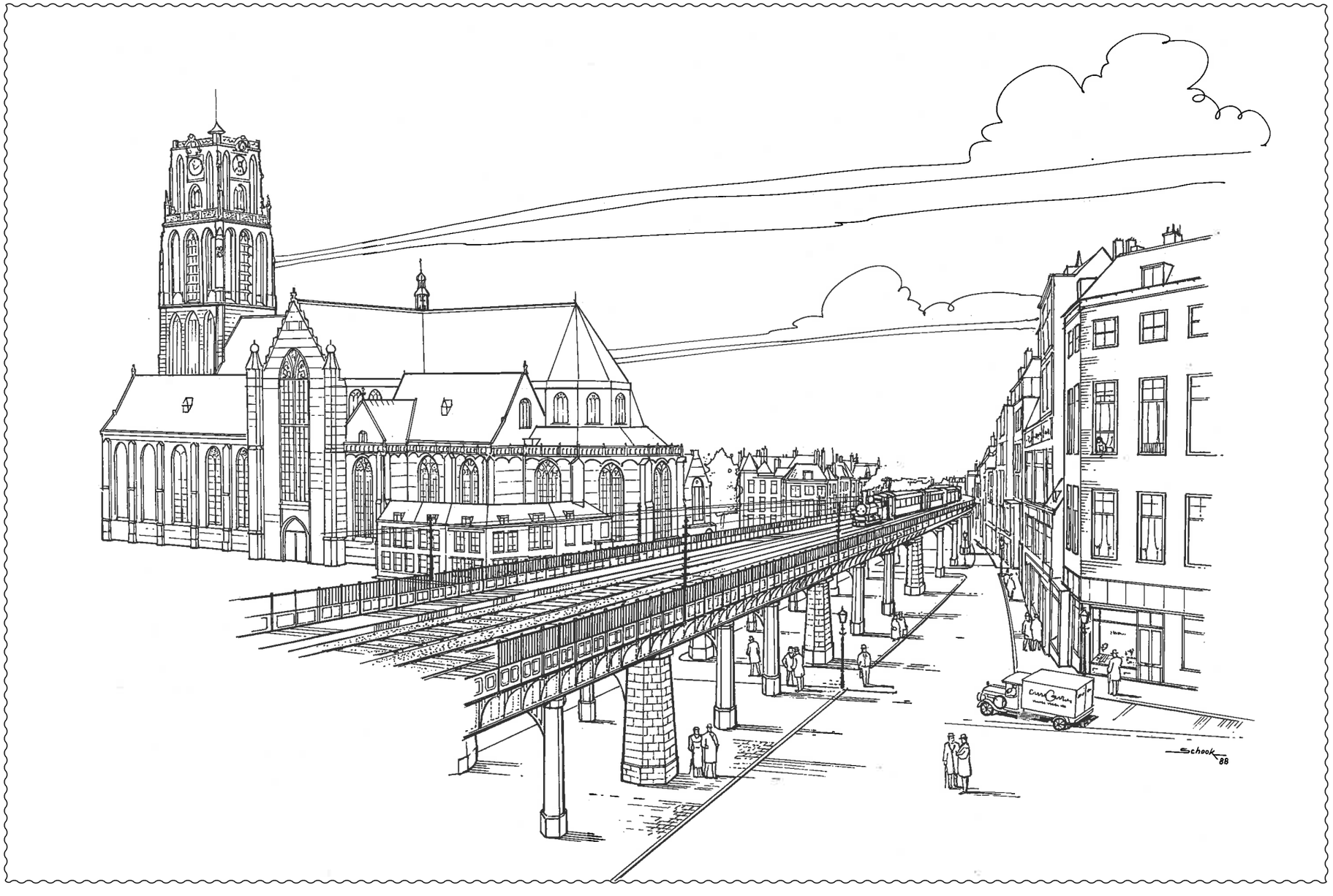
Rotterdam

(1340)

Rotterdam, de Binnenrotte

Rotterdam, de Binnenrotte
(1871)

Rotterdam, *de Binnenrotte*
(1878 - mei 1940)

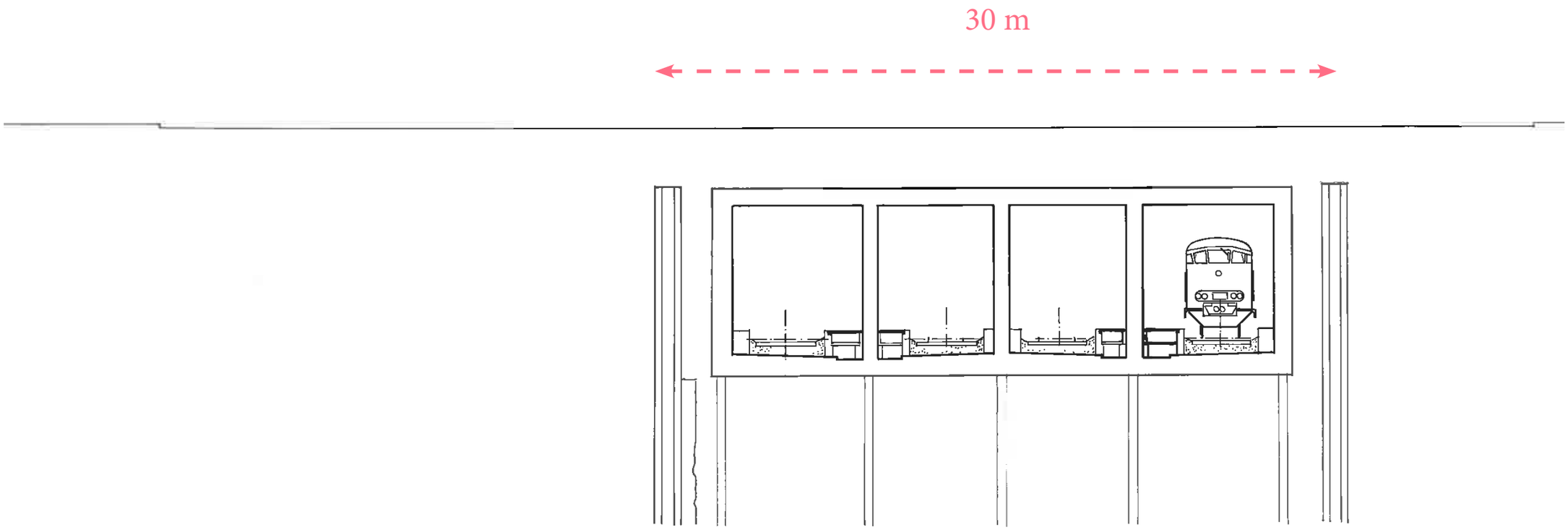


Rotterdam, *stadsdriehoek*

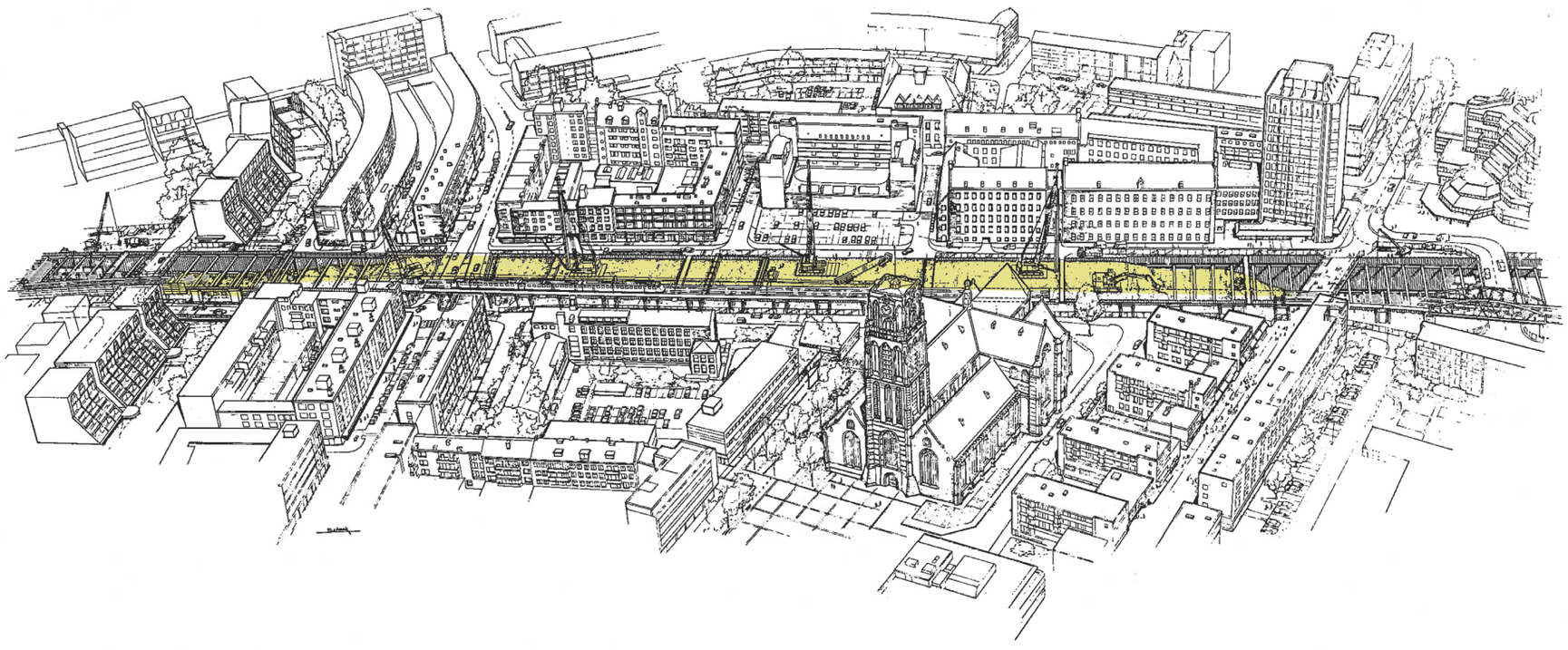
German occupation (1940)

Rotterdam, *Binnenrotte*

Binnenrotte, *Spoortunnel*



Rotterdam, *Binnenrotte*



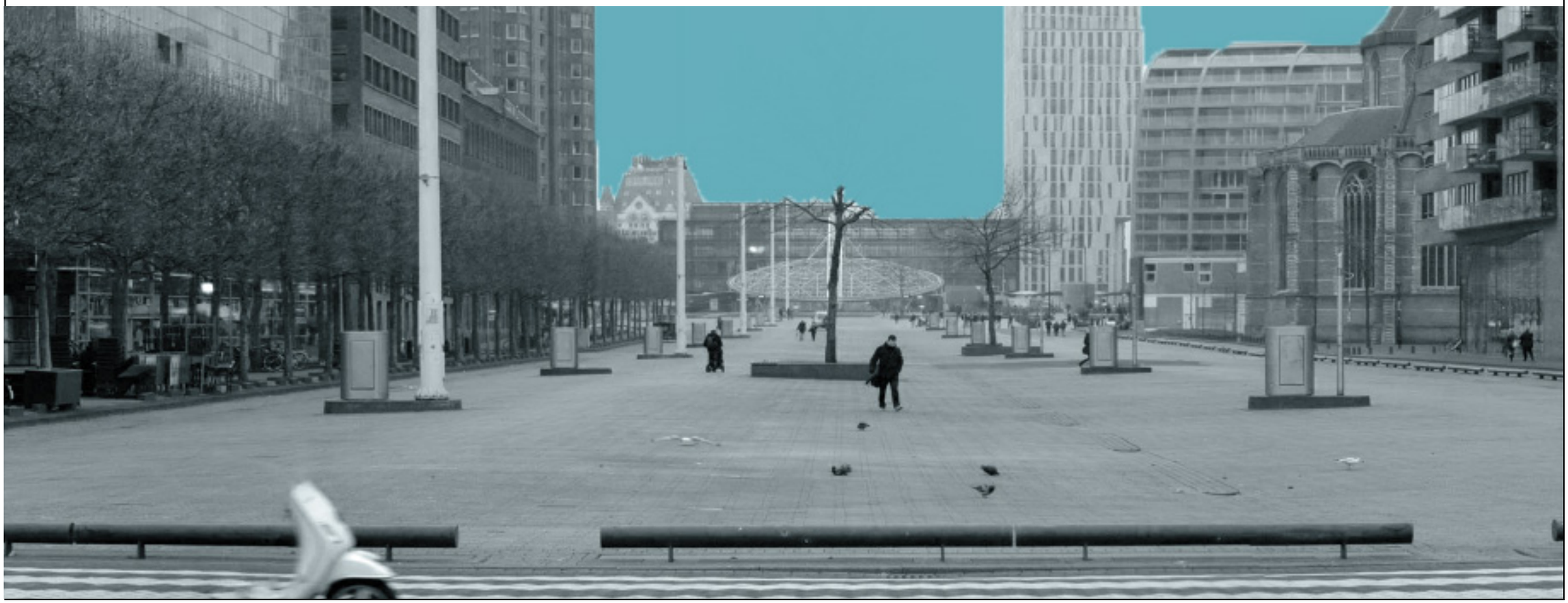
Rotterdam, *Binnenrotte*

Huge emptiness

Binnenrotte,

West-8 (1987)

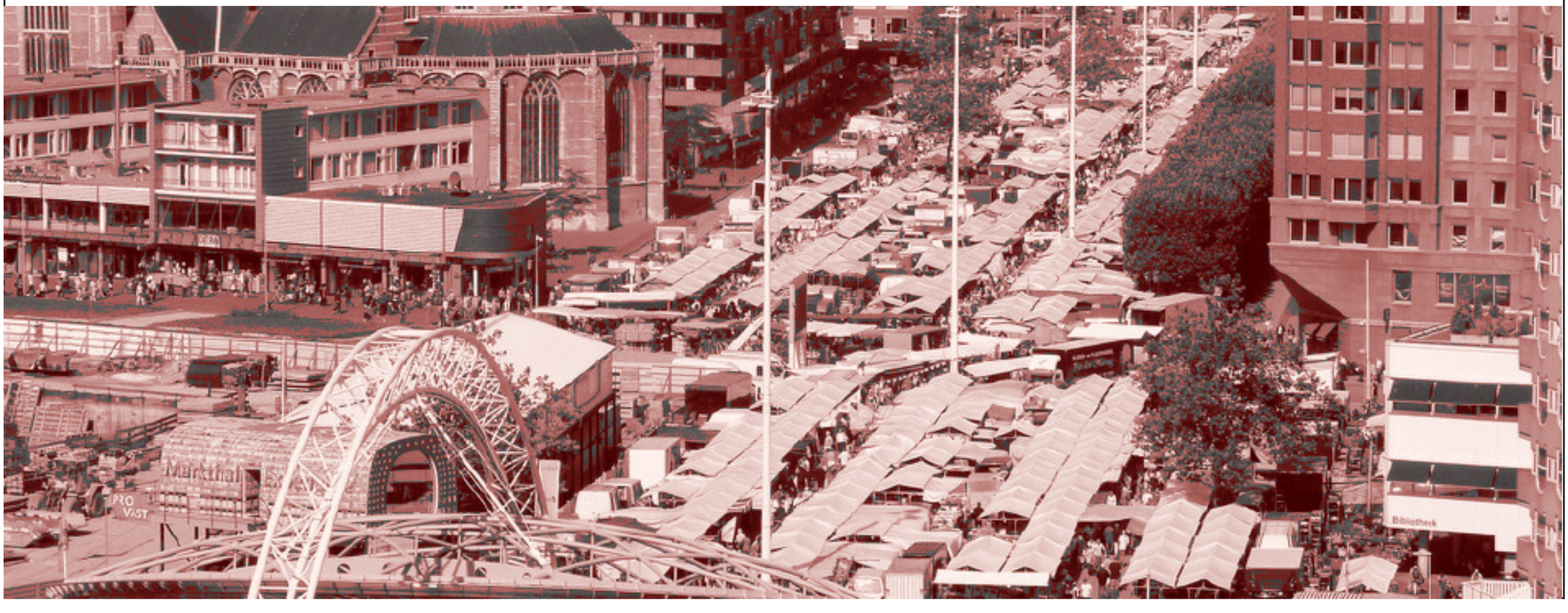
MA DI WO DO VR ZA ZO



Binnenrotte,

West-8 (1987)

MA DI WO DO VR ZA ZO

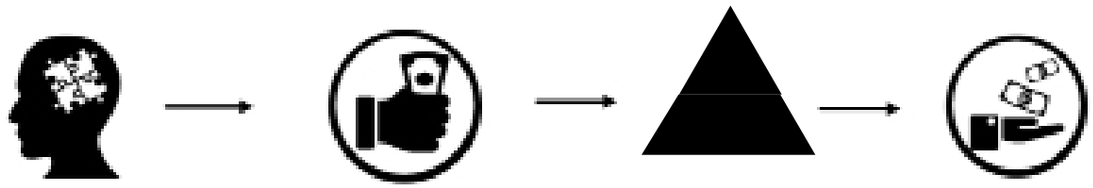


Observation 02

Function controls what can be built

Building proces

Corporate use



commisioner

Investors

Completed Project

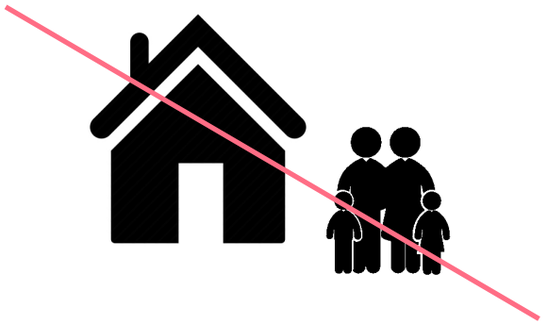
Earnings

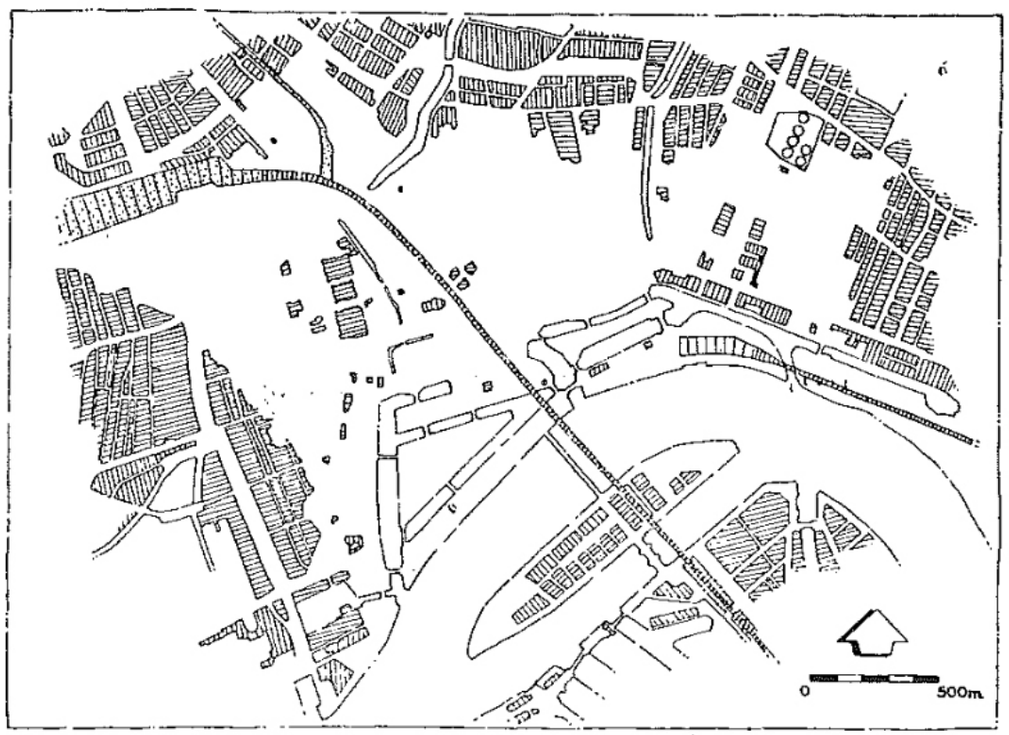
Function

Observation 03

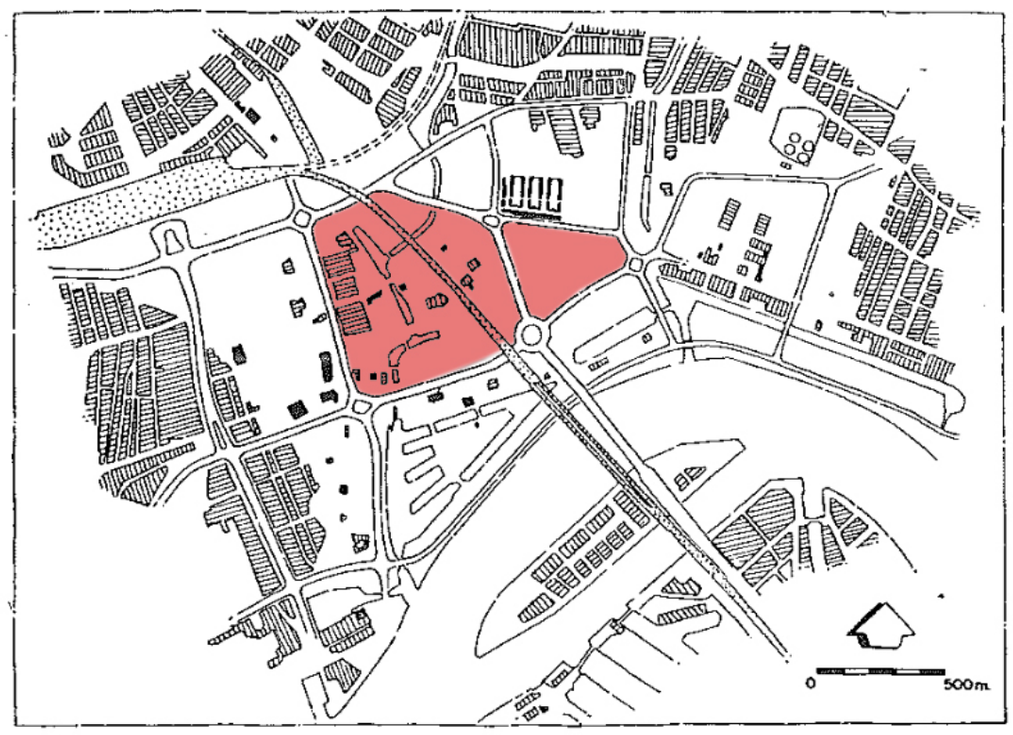
minimal amount of uncertainty / openness

Rotterdam, *stadsdriehoek*
German Occupation 1940)





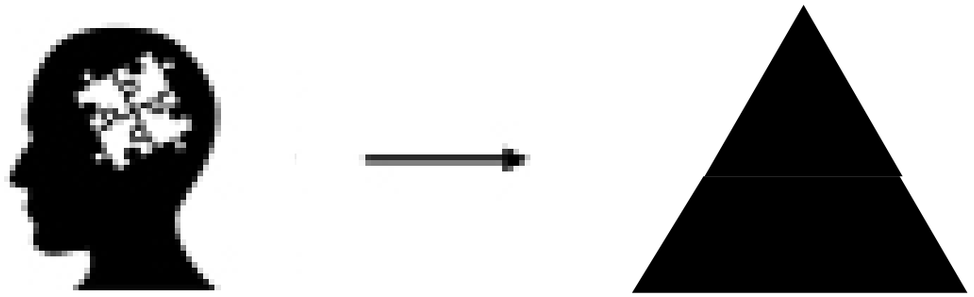
1940



1945

Project proces

Corporate expansion



Larger Commisioner

Bigger project

rapid growth

Observation 4

Construction of finished projects, civilians can not influence public space

Rotterdam,

Stad zonder hart (1966) Jan Schaper

The project

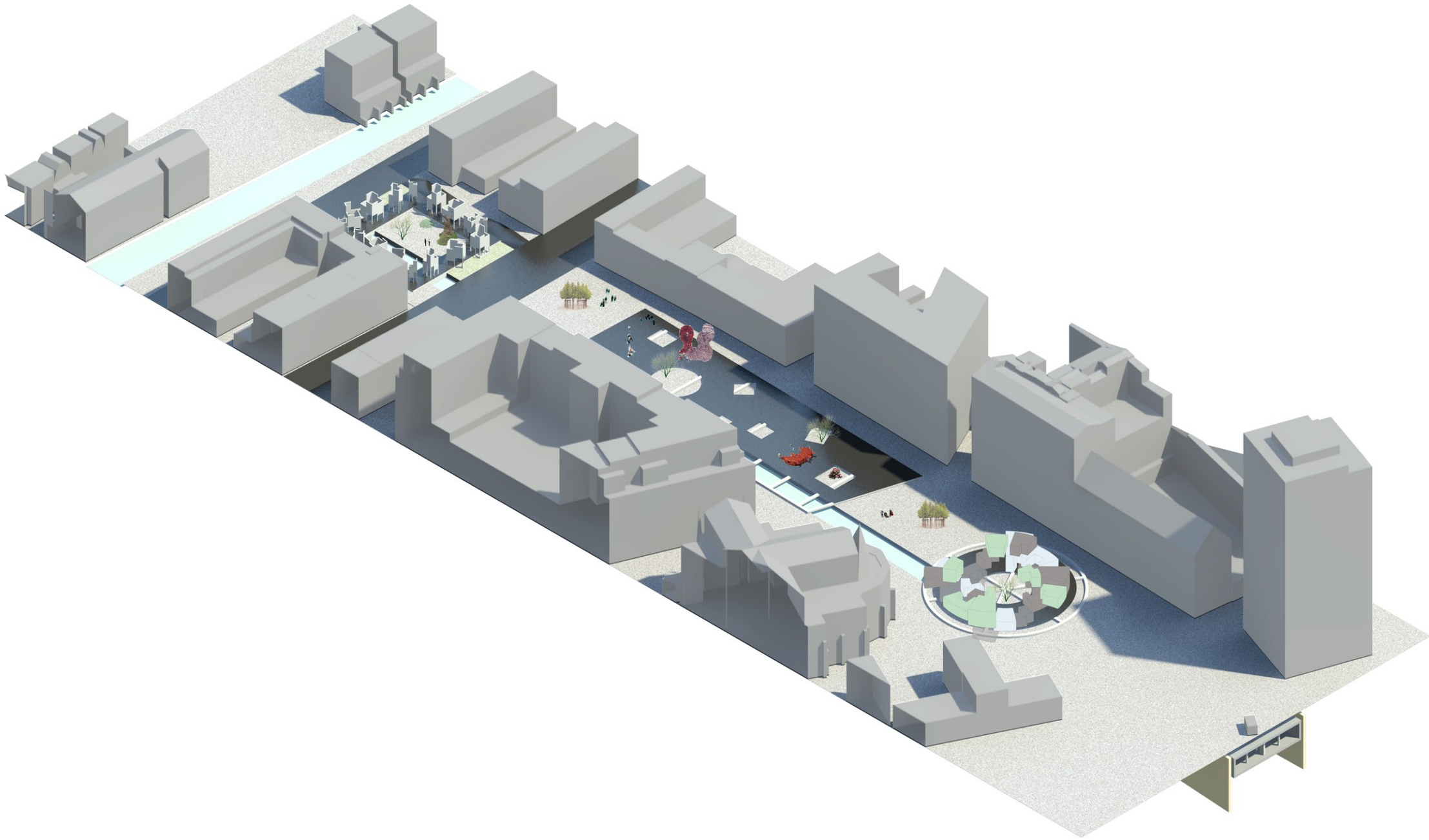
The role of the architect on the Binnenrotte case

Reaction to Observation 01

Efficiency and prospective

Playfulness

Reinterpreting efficiency

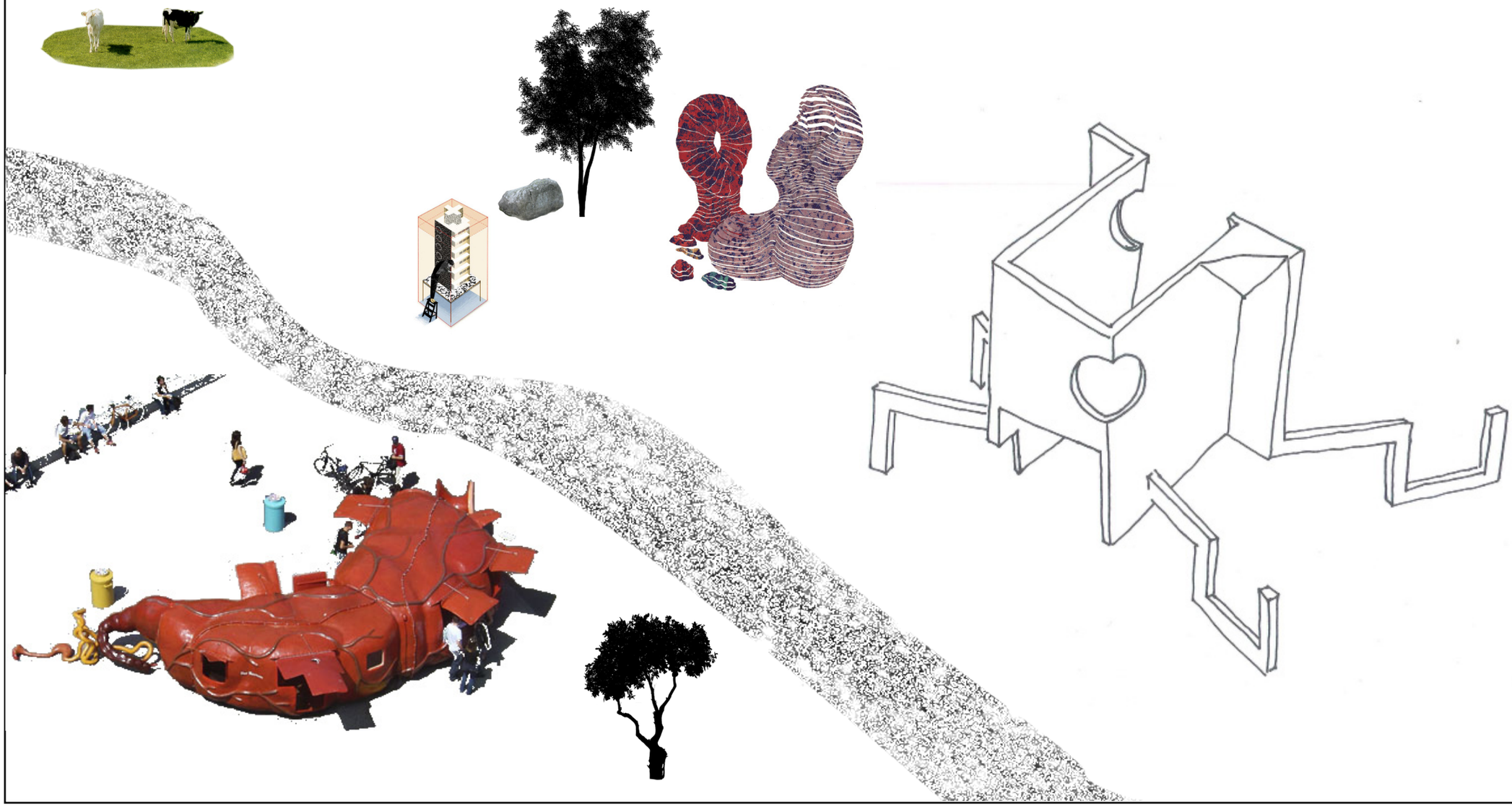


Reaction to Observation 02

function controls what can be built

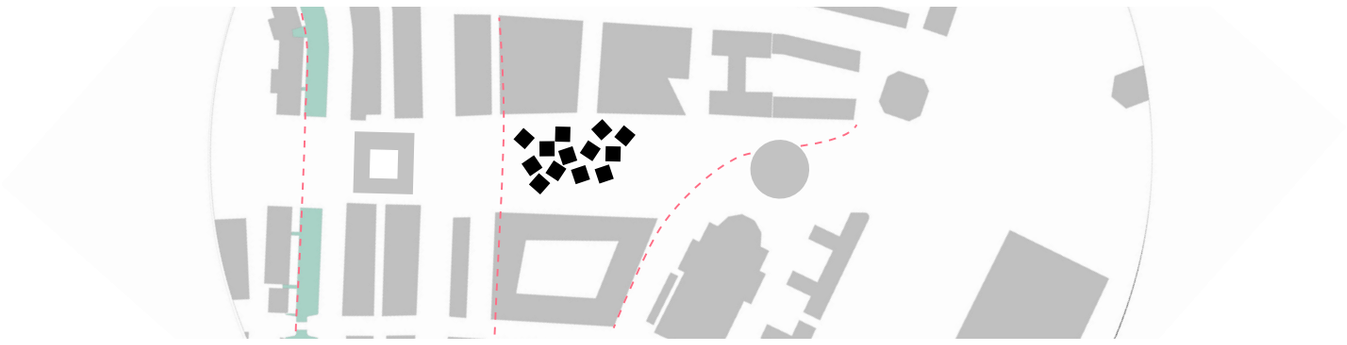
Co-production

Low investments -> Low threshold



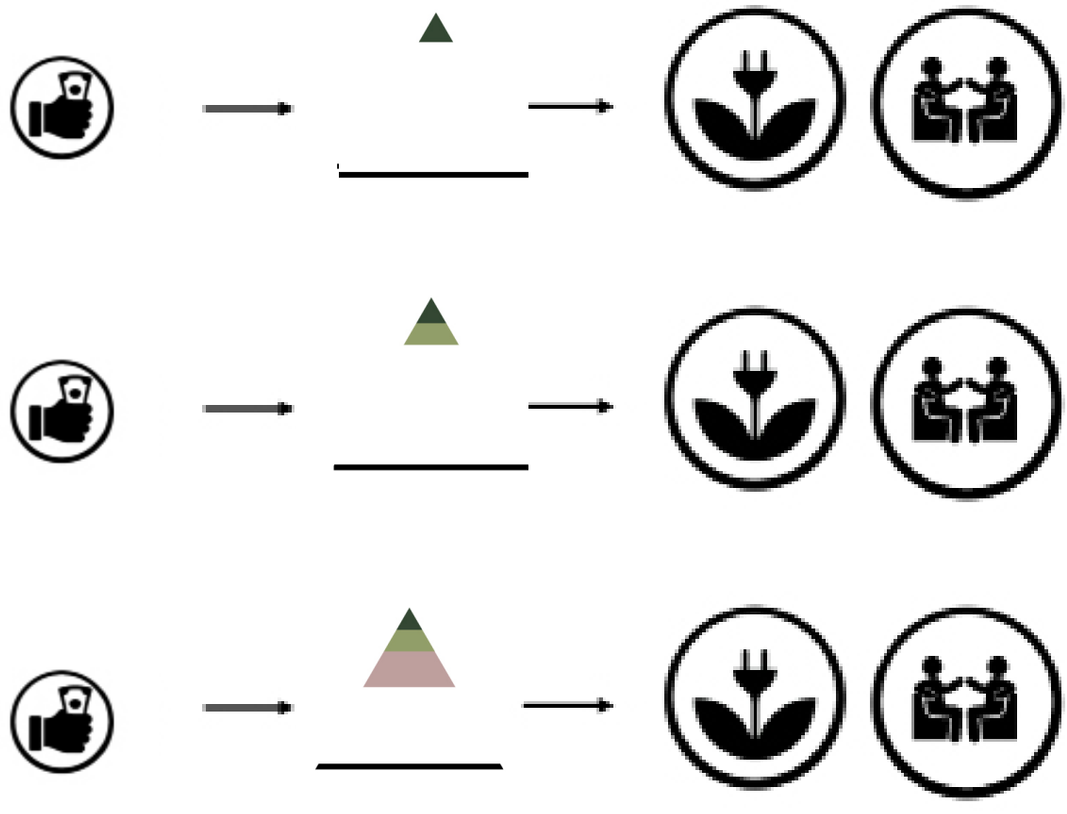
Agile process

Heterogeneous Civilization

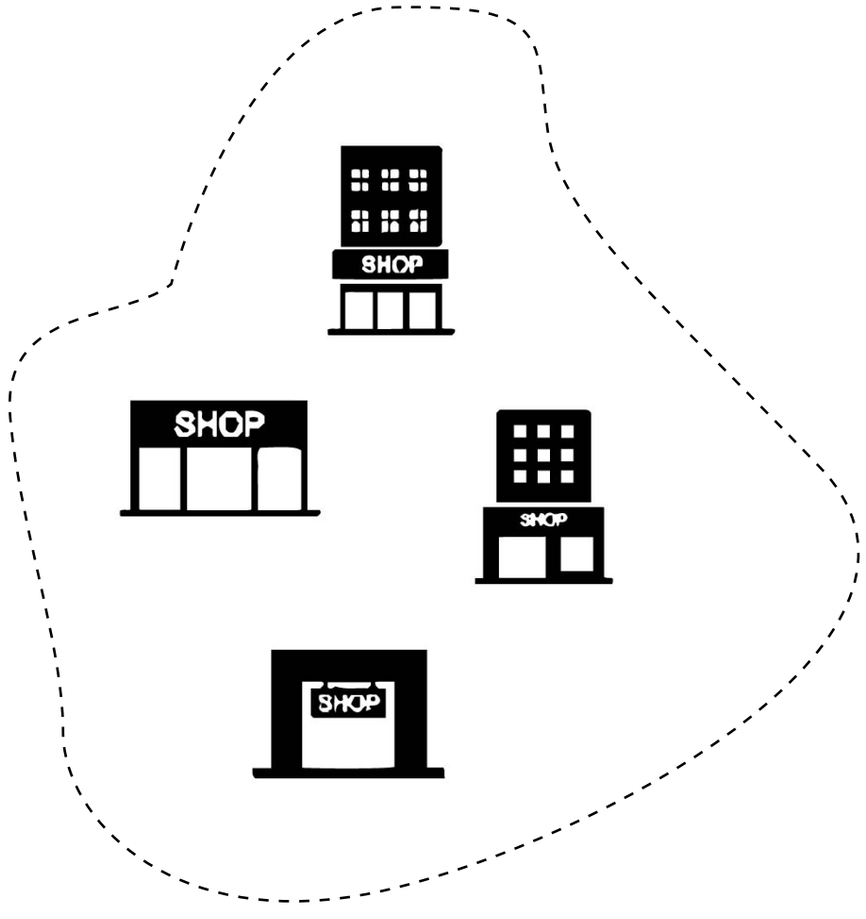


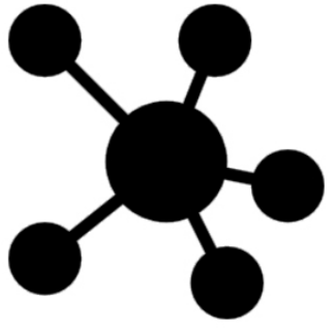
Concept proces

Low investments -> Low threshold

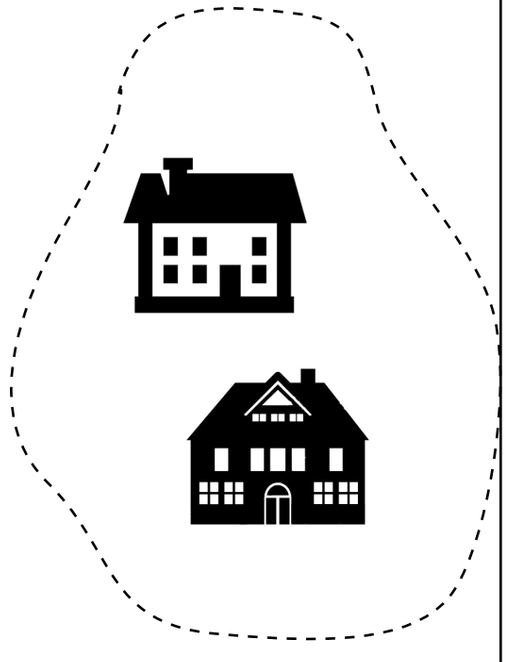


Architect as spatial guide

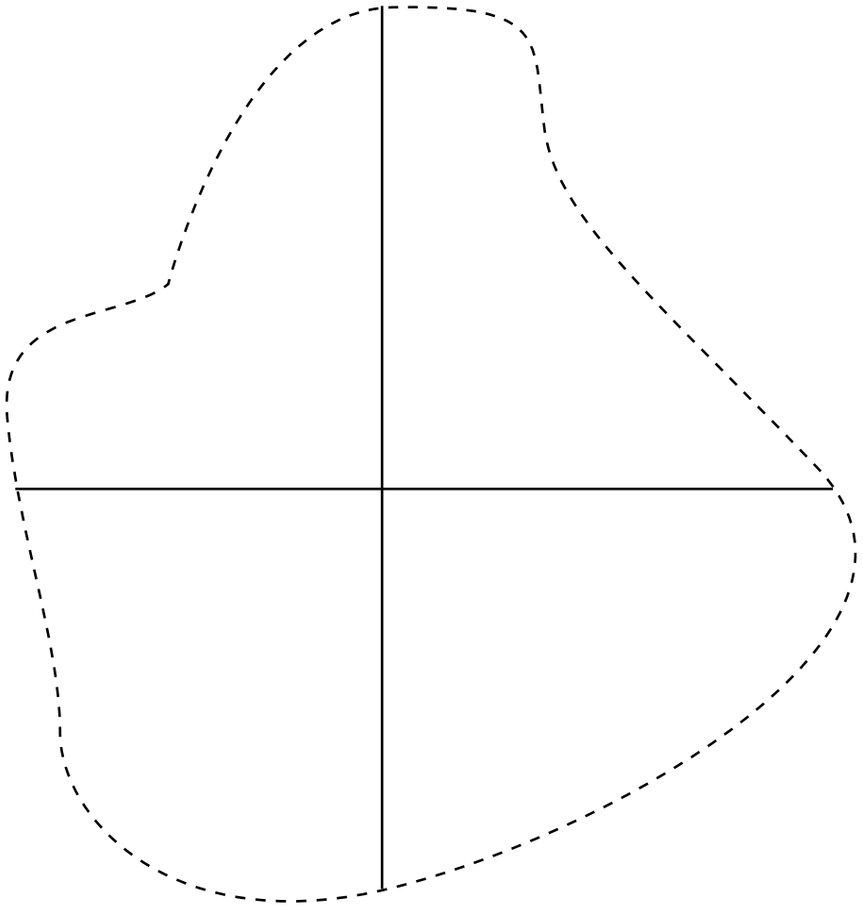


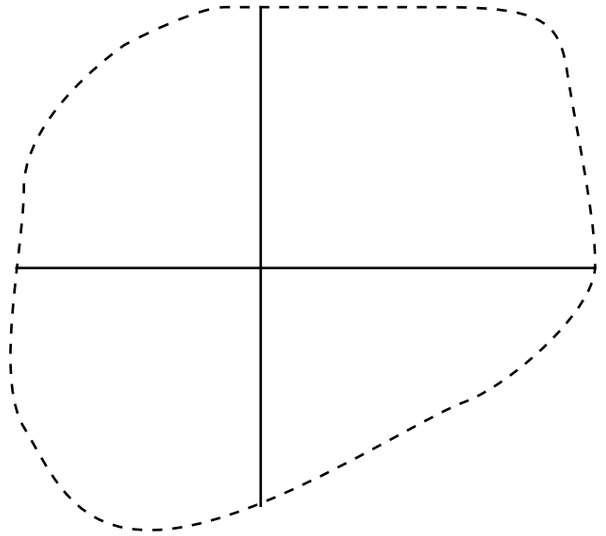


Logistiek



Architect as spatial guide





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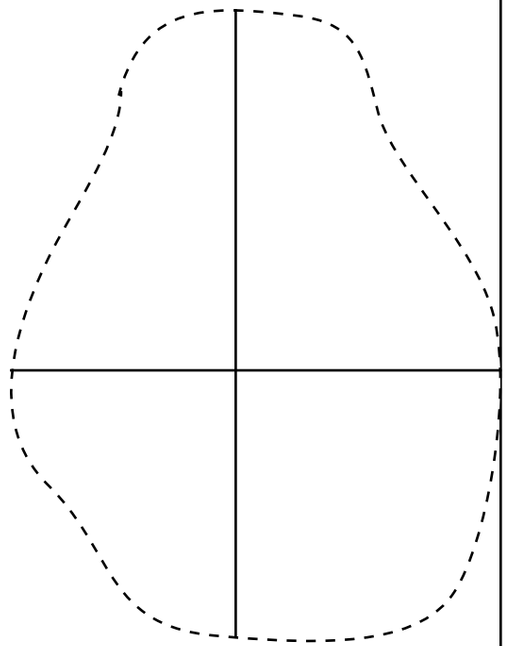
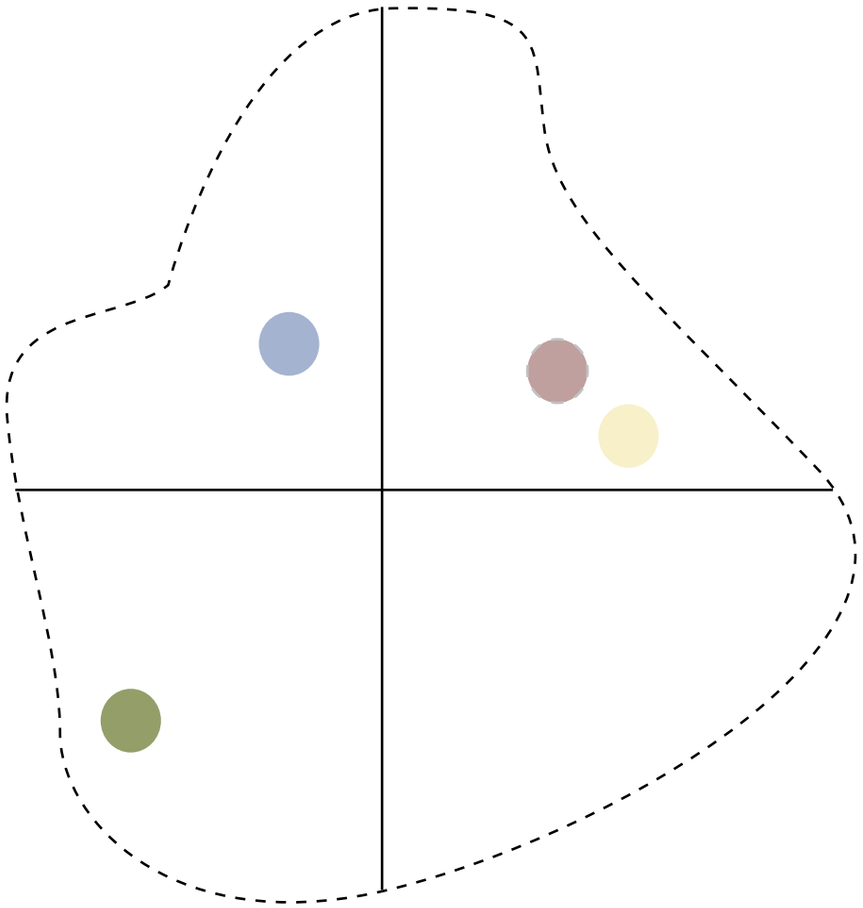
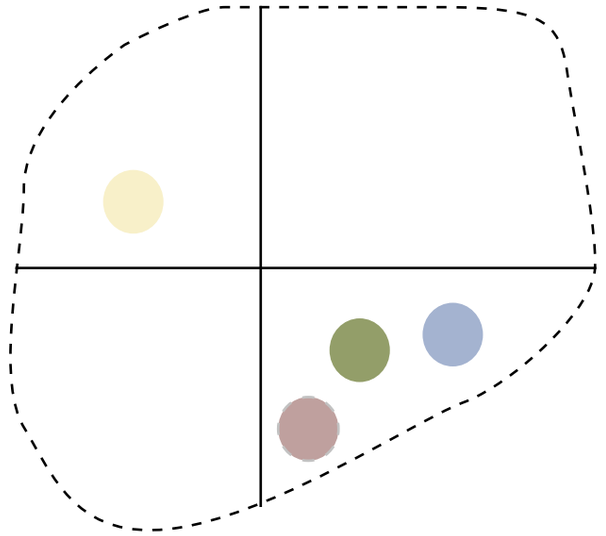
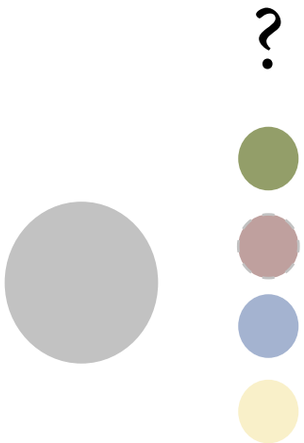
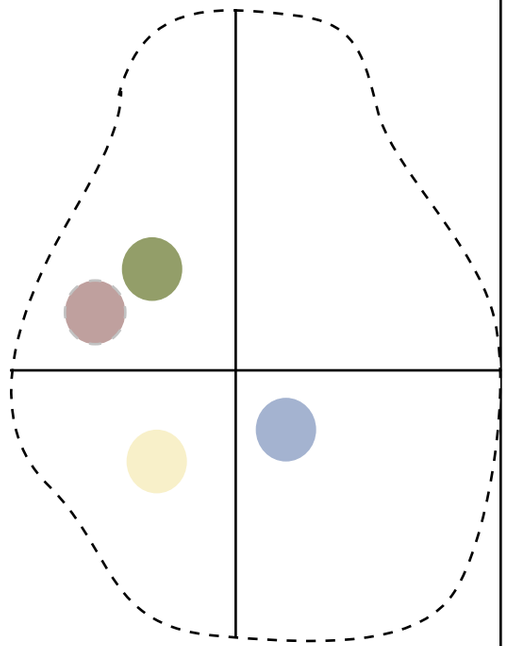


Interfunctional oportunities









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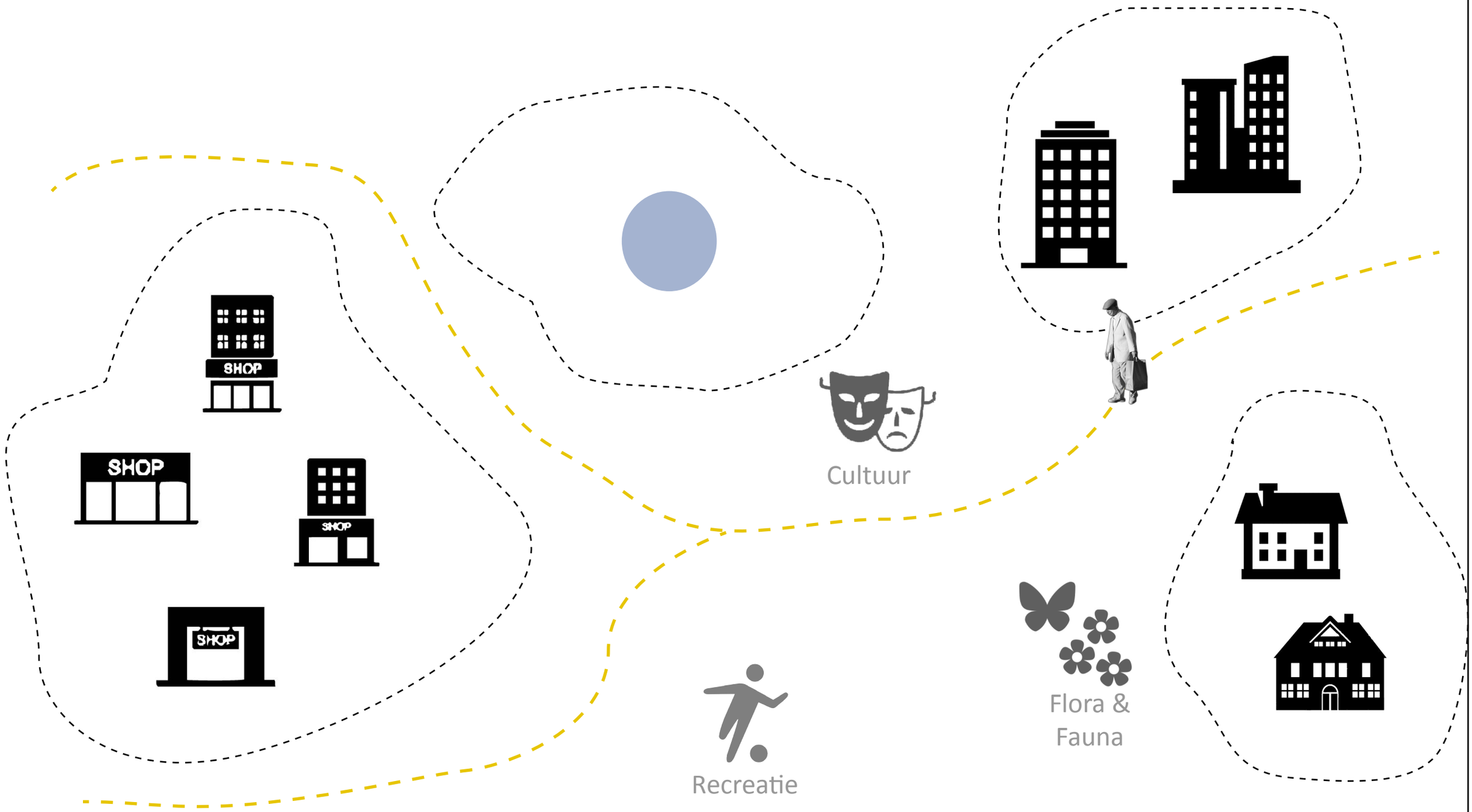
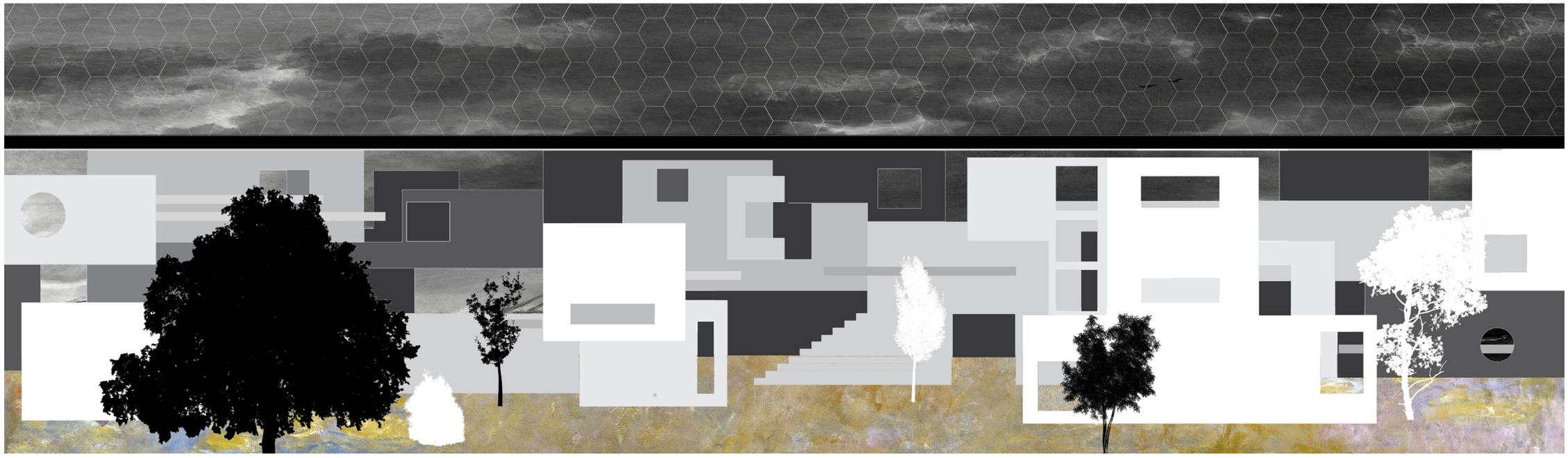


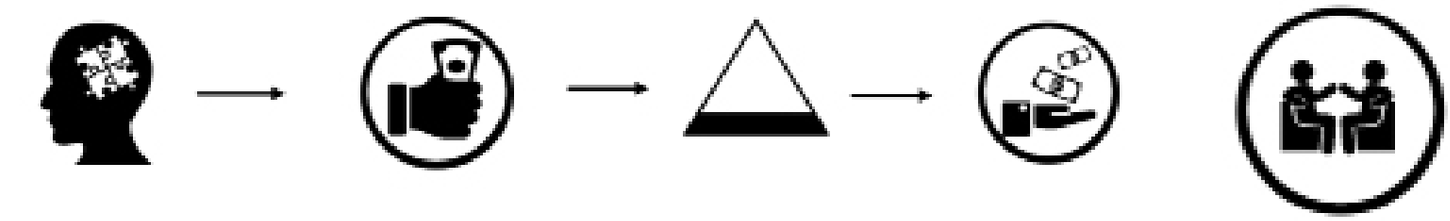


Reaction to observation 3

minimal amount of uncertainty / openness

Building process

Private use



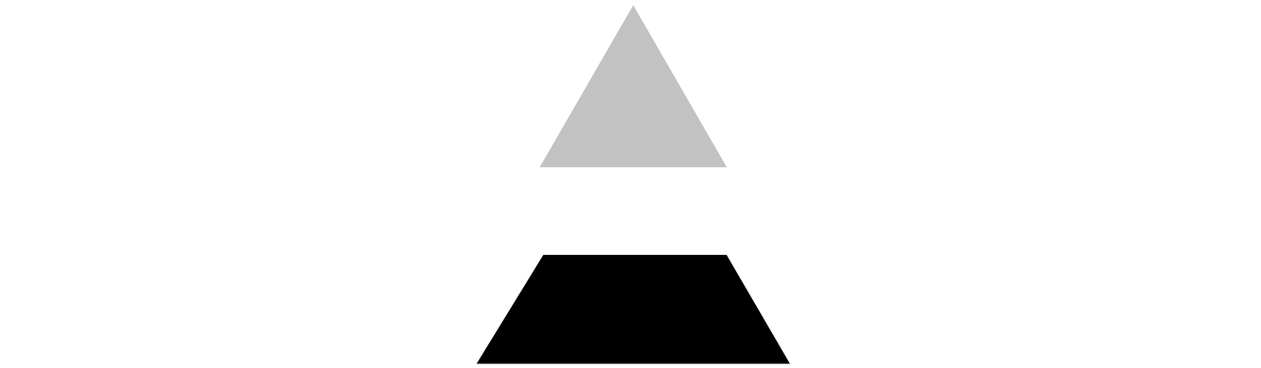
Open sequences and functioning

Herzberger & Van Eyck

Reaction to observation 4

construction of finished projects, civilians can not influence public space

Open and Retrofitable Form



Reageren

Gesprekken met Hans Van der Ban (Beeldendkunst adviseur Rijksbouwmeester) & Nils van der Beek (TAAK)

Karel Appel (1969)

Plaatsmaken

Gesprekken met Hans Van der Ban (Beeldendkunst adviseur Rijksbouwmeester) & Nils van der Beek (TAAK)

Johan Tahon (2009)

Rotterdam Collective

Wants to be able to built some-thing in the public space away from the cities bureaucracy

Architect as curator

appointed by Collective,
approved by the government

Tasks:

Governs
Writes the spacial regulations
Protects safety consideration
Gives support

Ian Chaplin as spatial curator

Will curate with the ideals of supporting the het-erogeneous in appearances, spatial qualities and use

Social Architect

Expert in time, form and space

Introduction to the Masterplan:

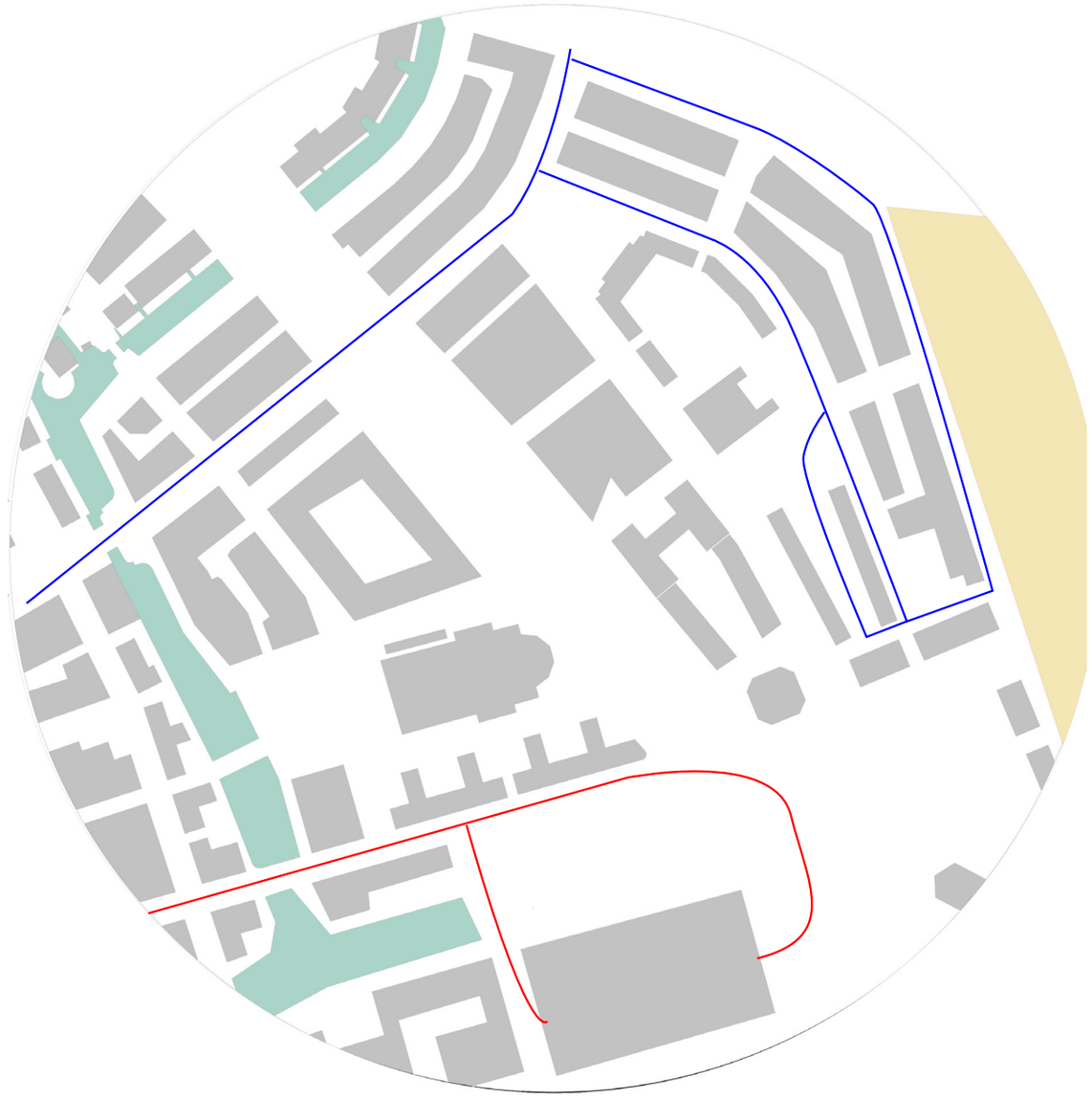
Socio-spatial

Experimentation grounds

Gemeente Rotterdam

Pedestrian routes

Retail and Leisure



Binnenrotte,

Three sectors

Binnenrotte,

Three sectors

Pedestrian routes

Retail and Leisure

Masterplan

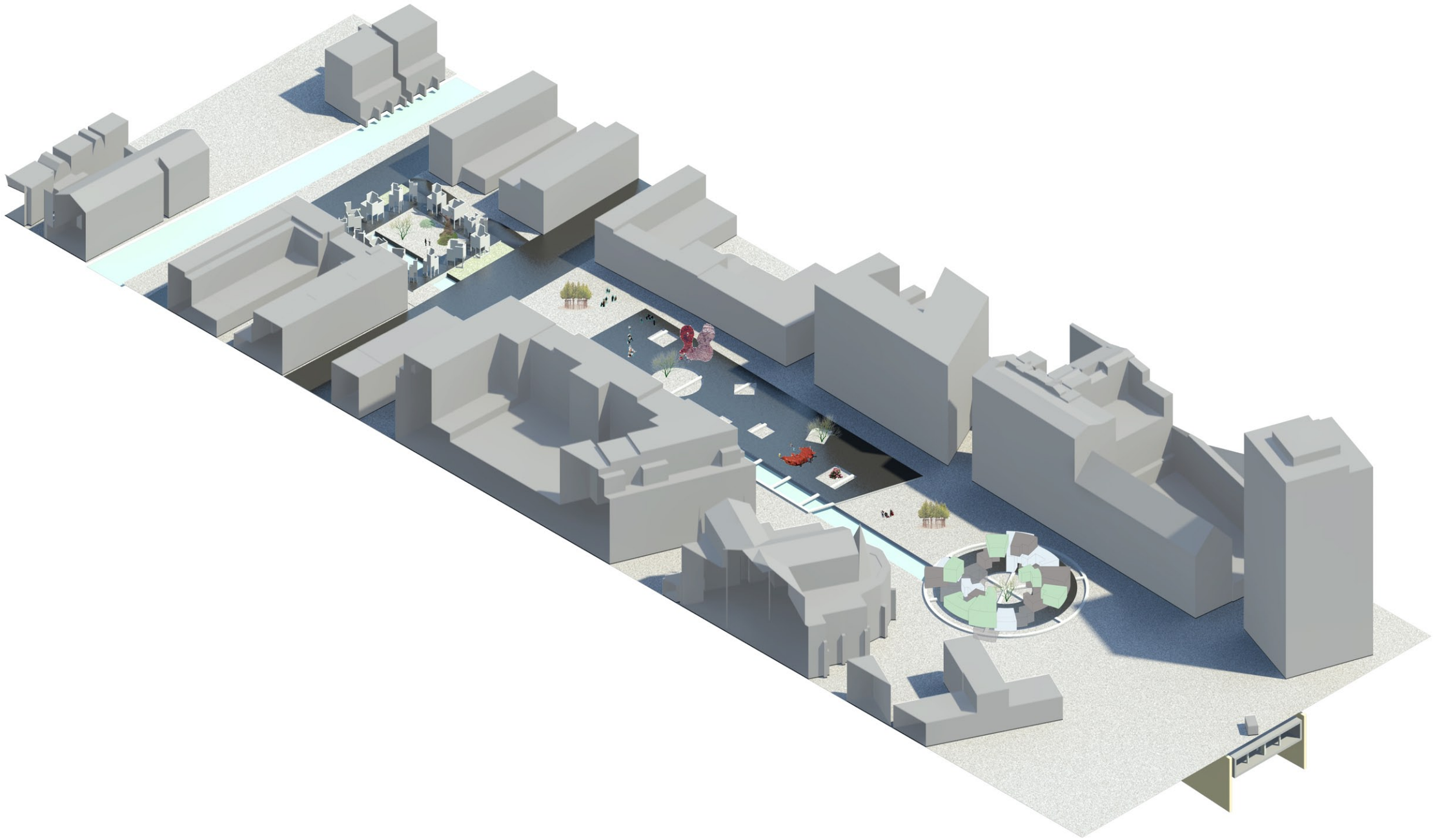
Three Sectors -> Two phases

Masterplan

Three Sectors -> Two phases

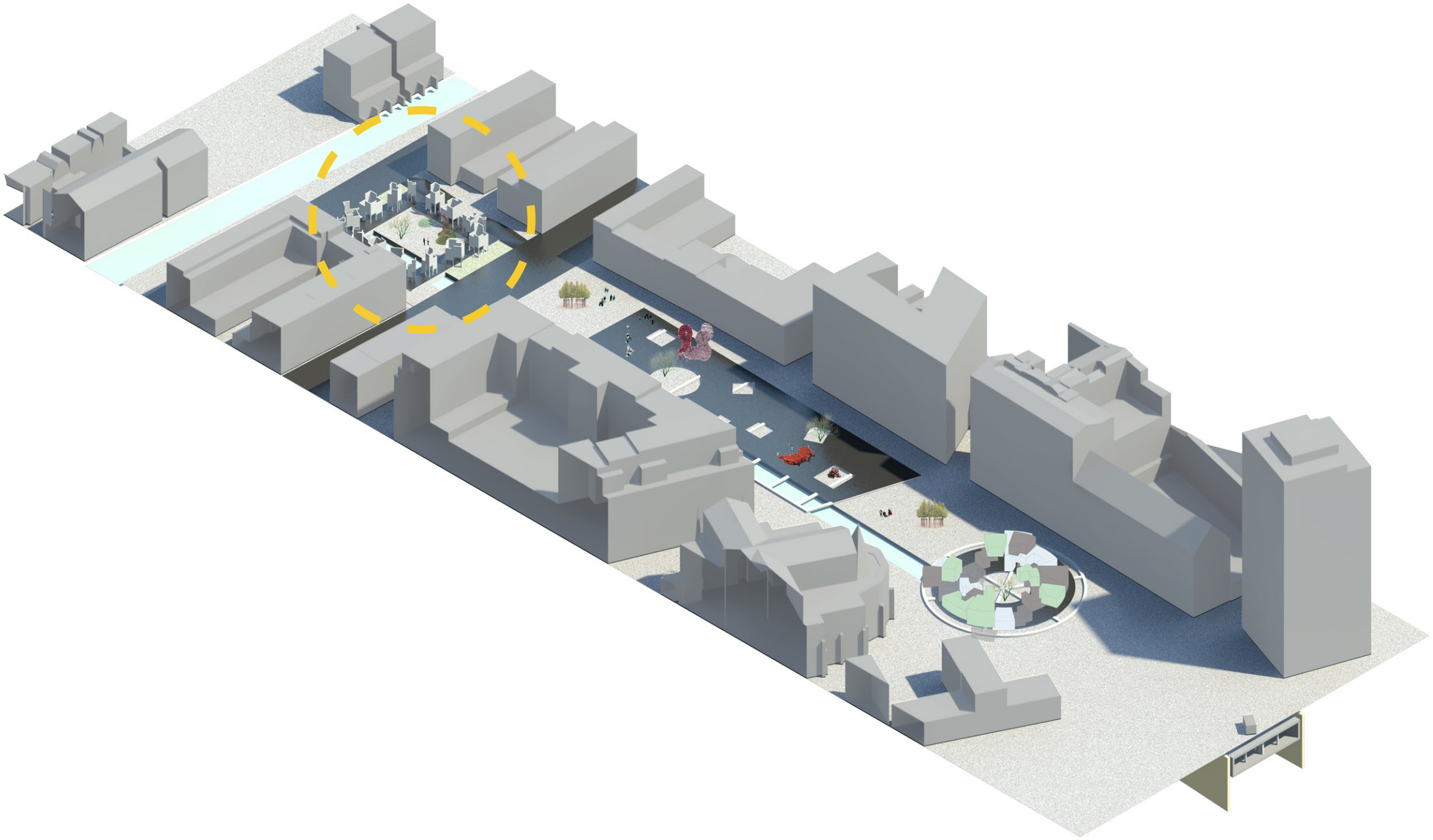
Masterplan

Three Sectors -> Two phases



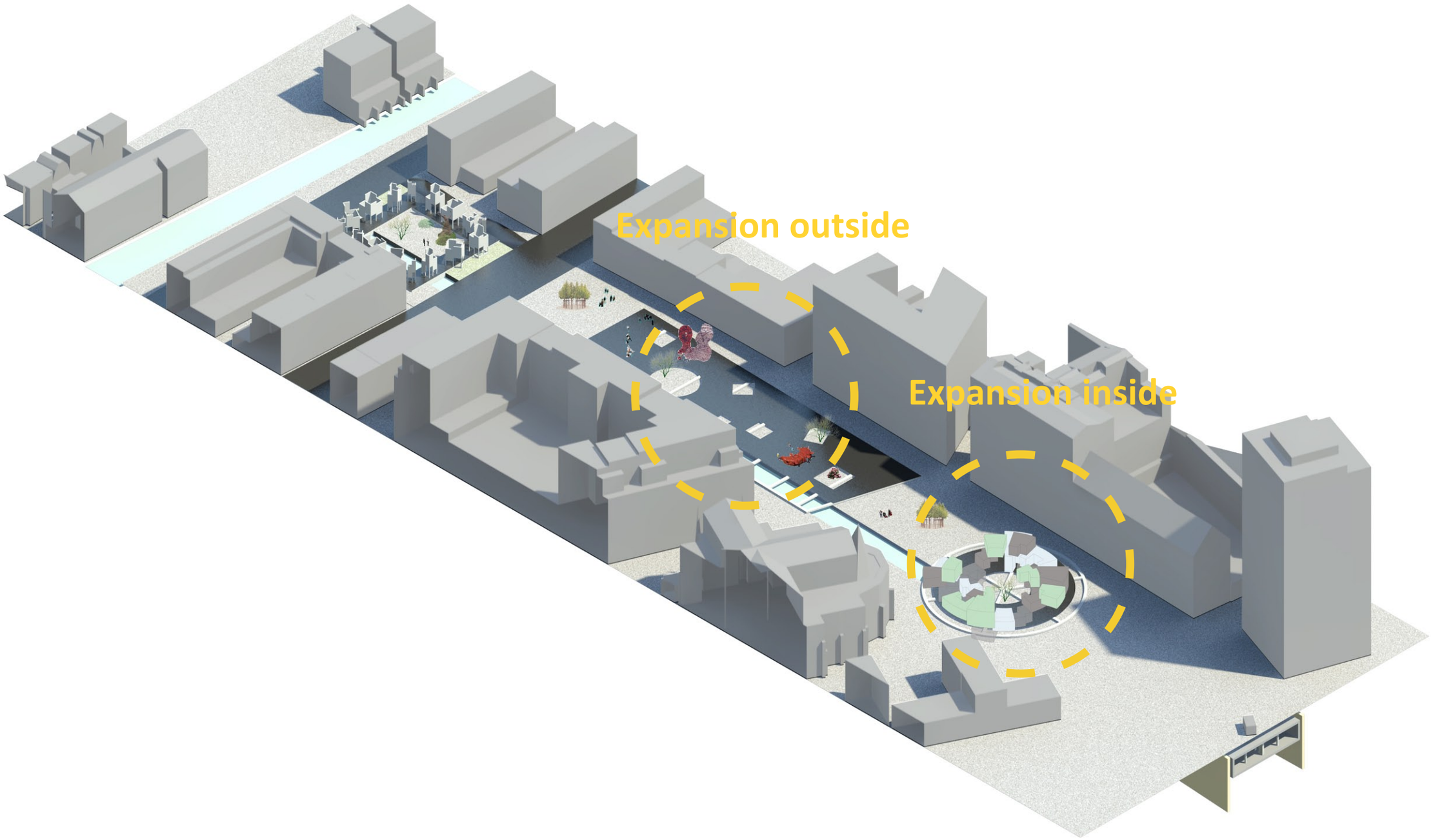
Phase I

The Beta project



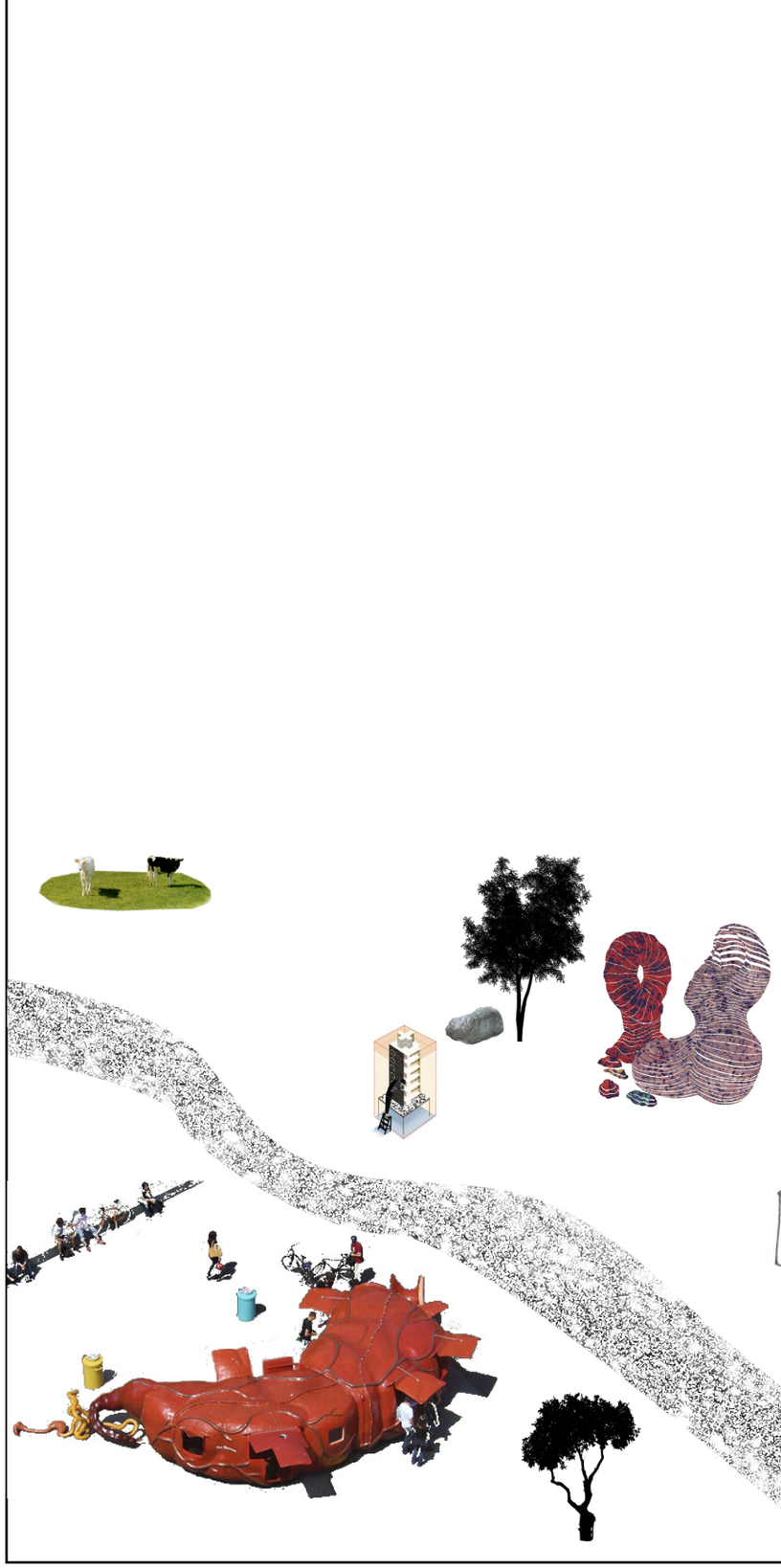
Phase II

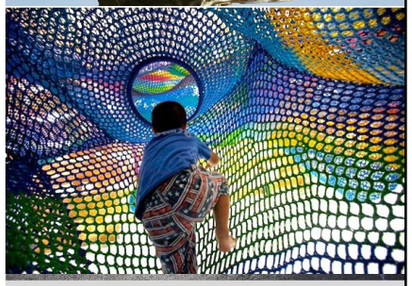
Expansion outside and inside



Phase II

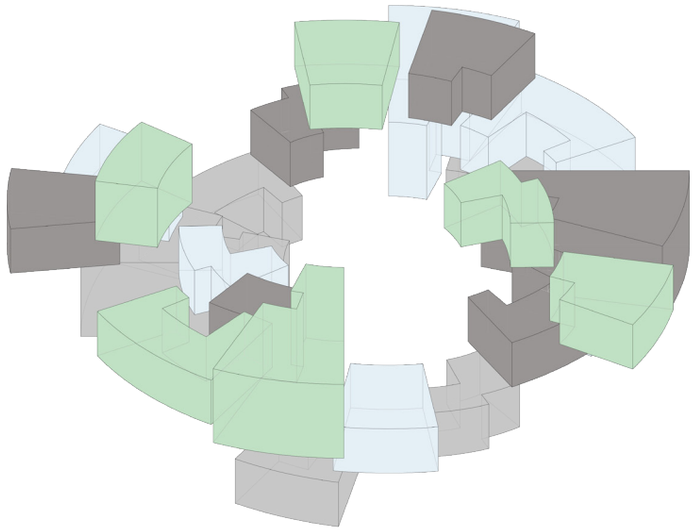
Concept: Expansion outside

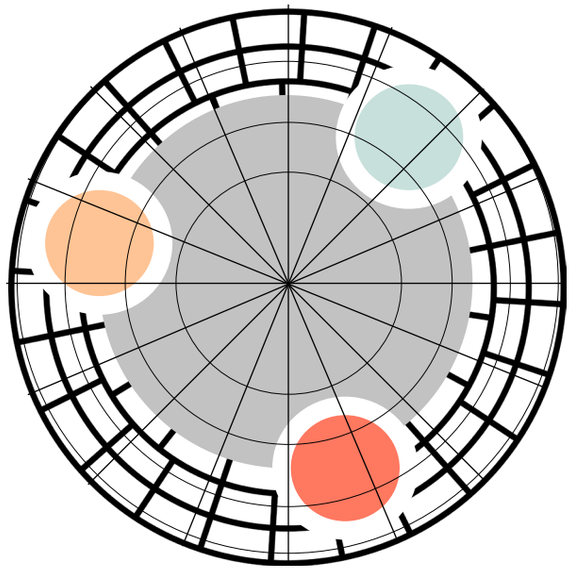


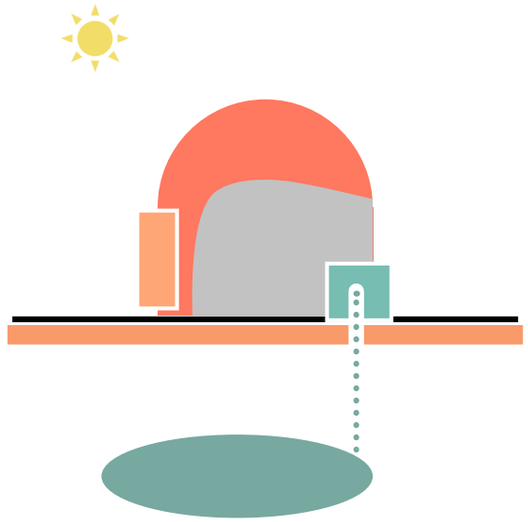


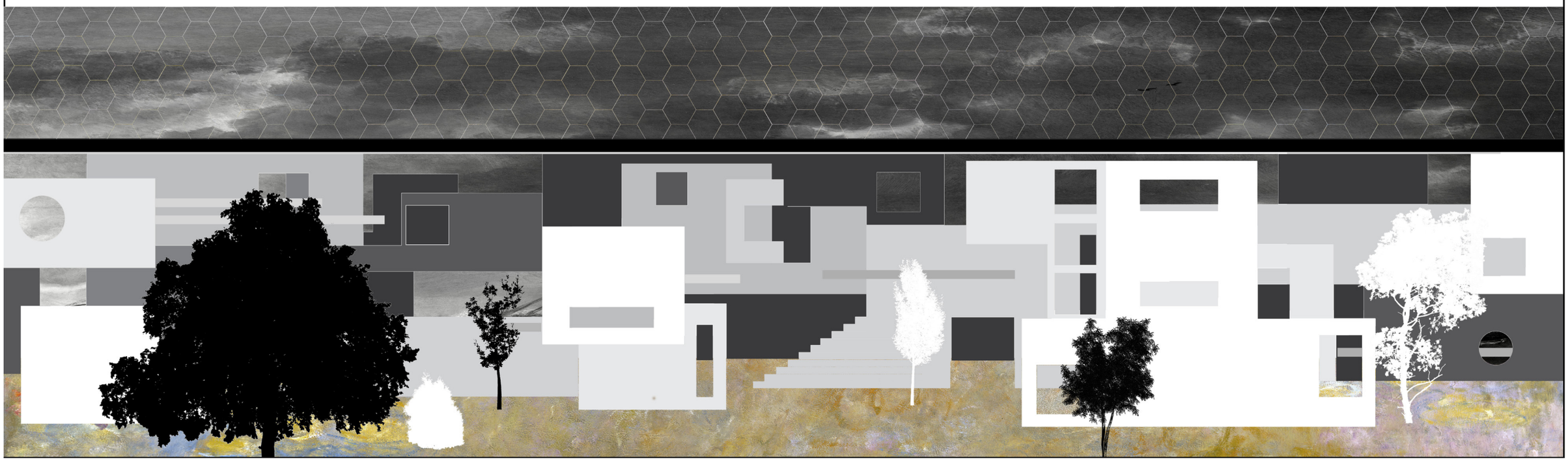
Phase II

Concept: Expansion inside







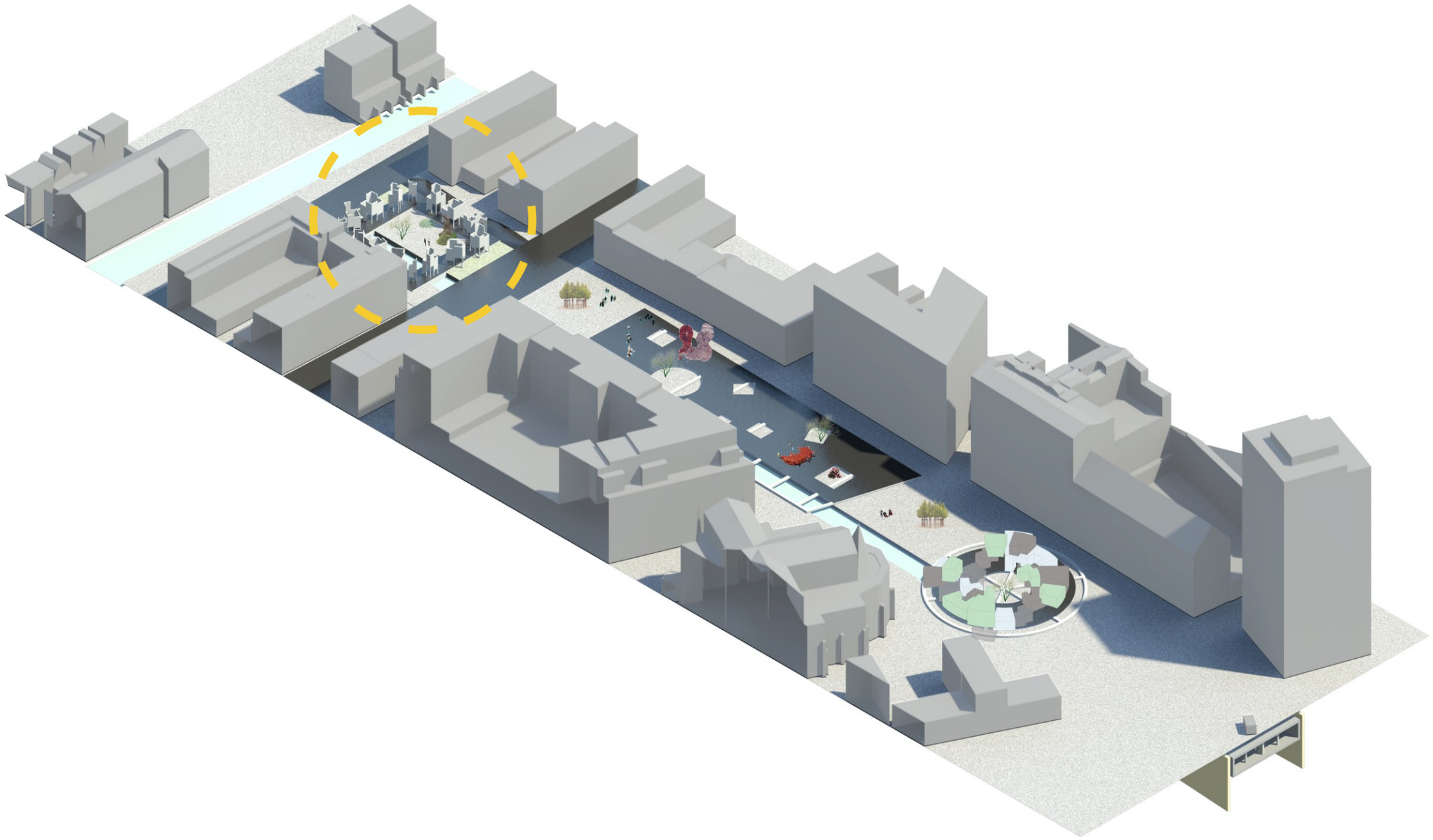


Introduction to the building

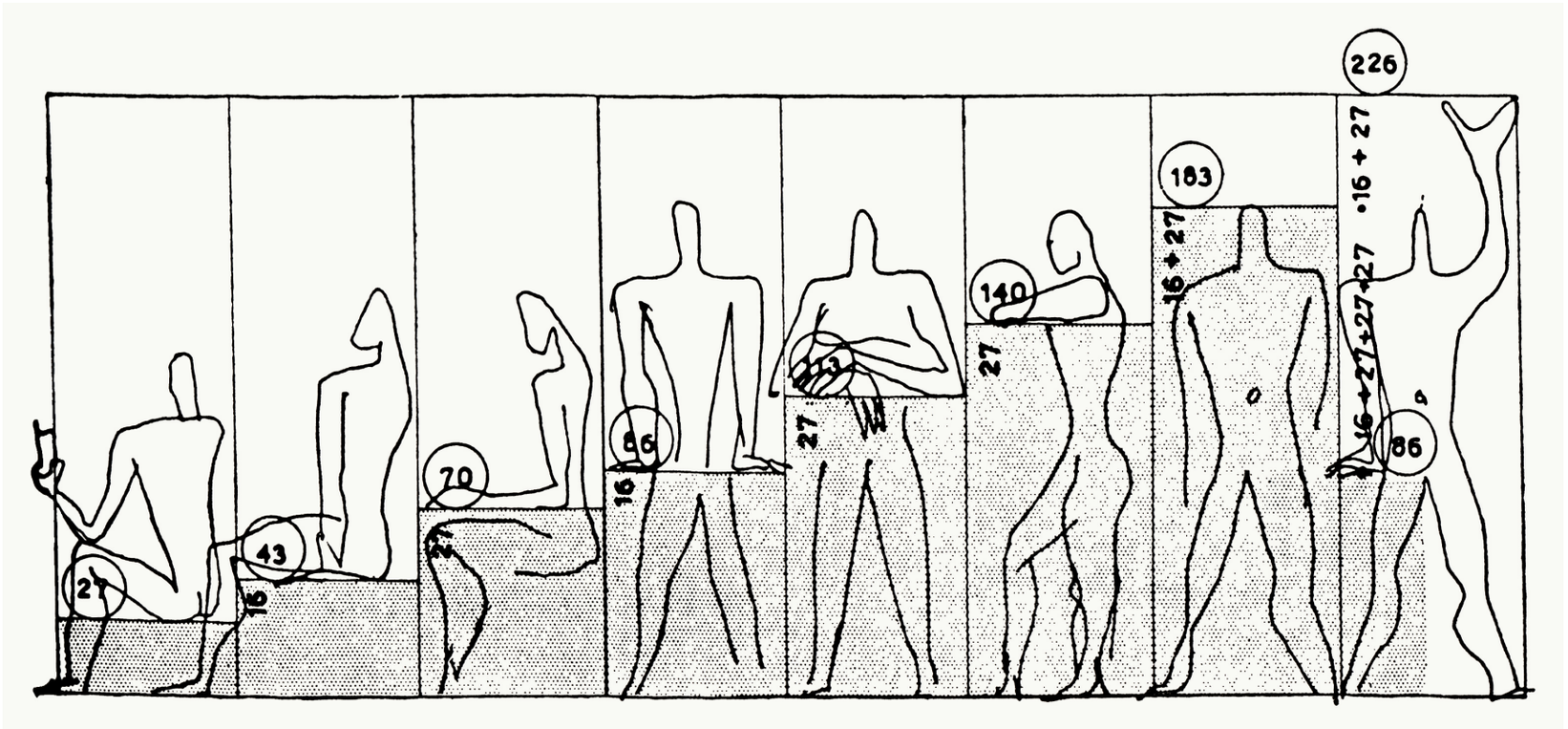
The Beta version for the architecture of the area

Phase 01: The Beta plan:

Public space, public play: the architect as curator

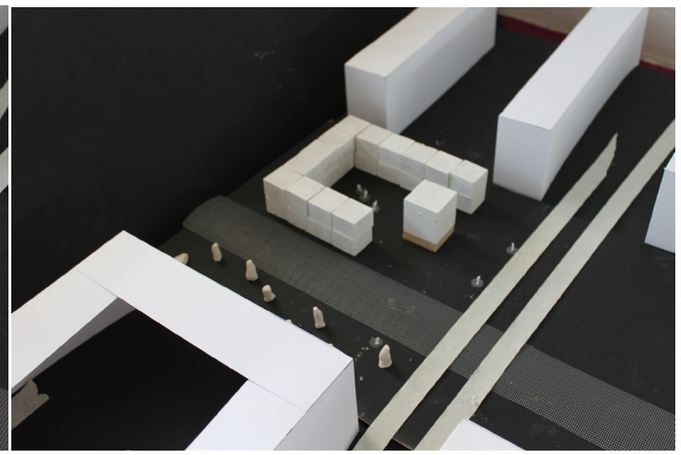


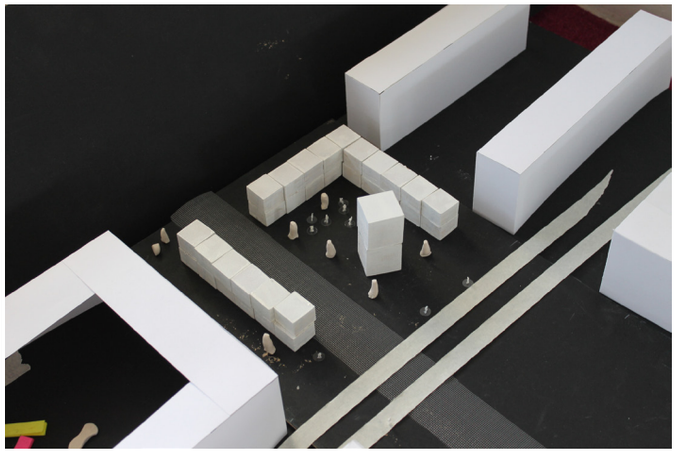
The human body

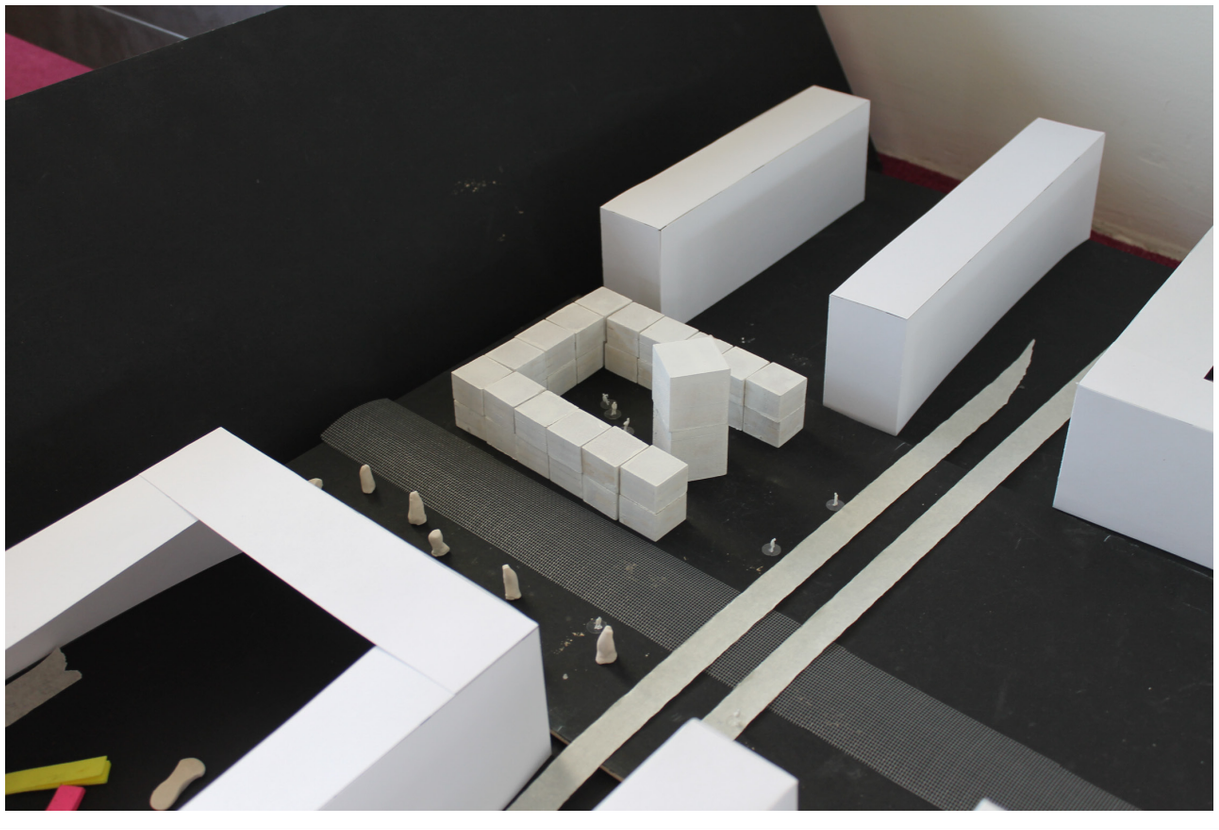

226
183
140
16 + 27
16 + 27
27
27

Volume-study

Spatial division

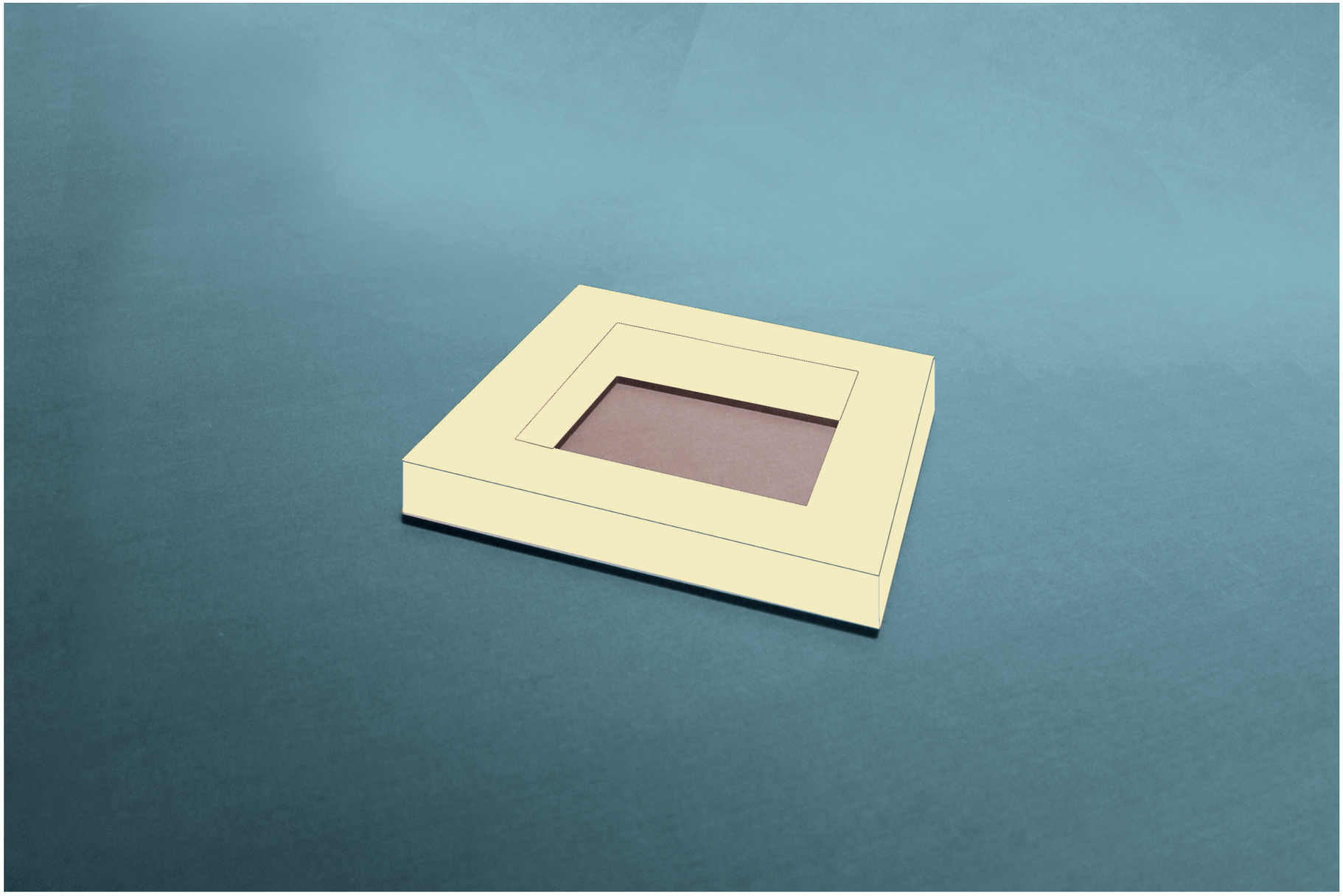






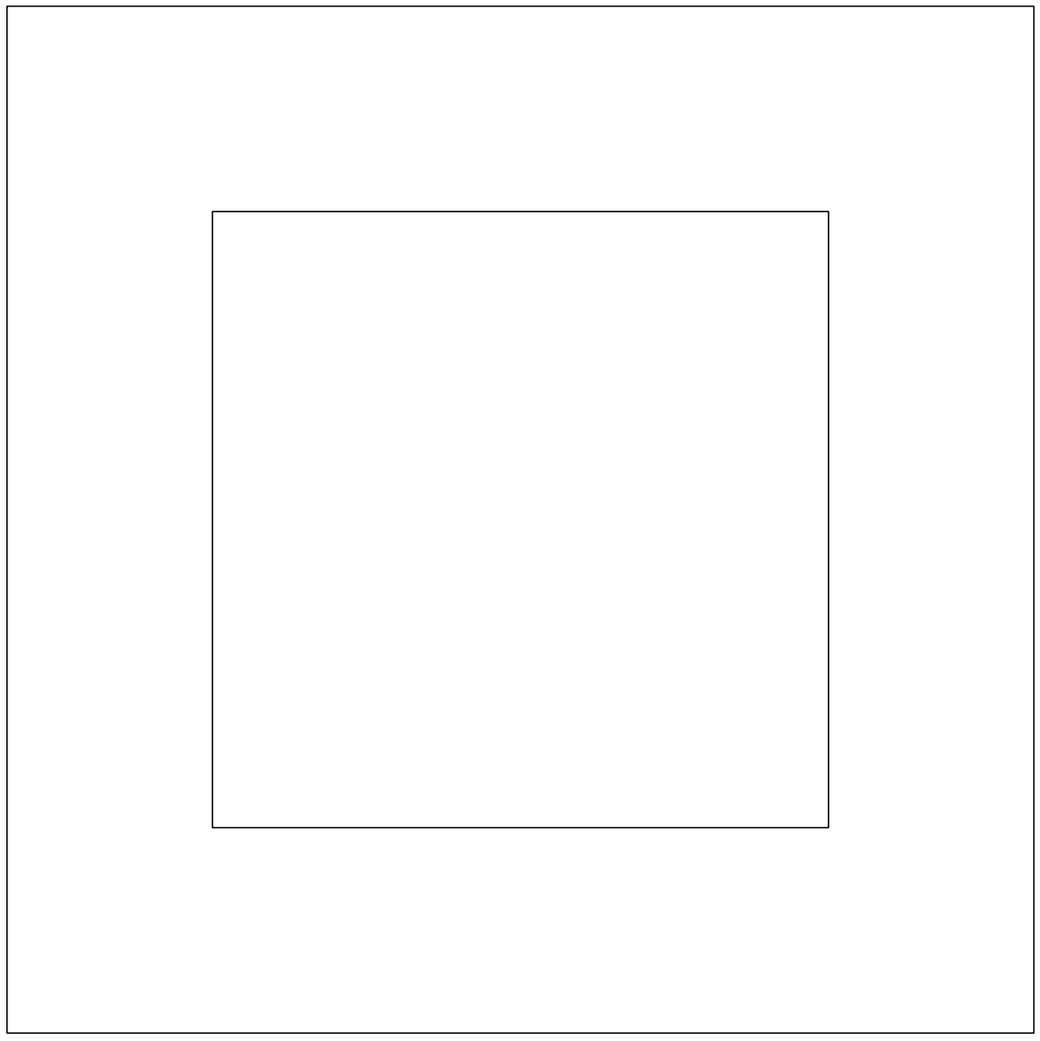
Volume

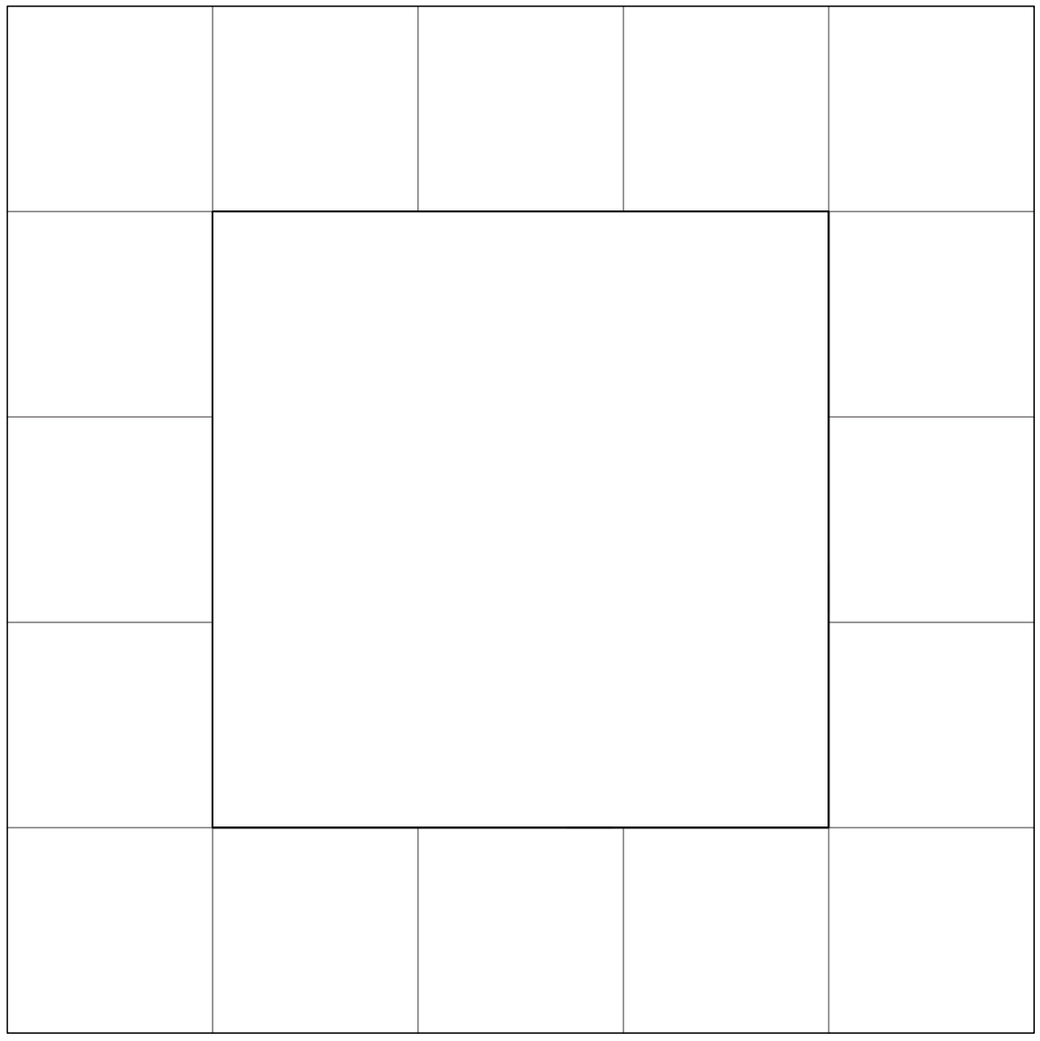
Spatial division



Development of the form

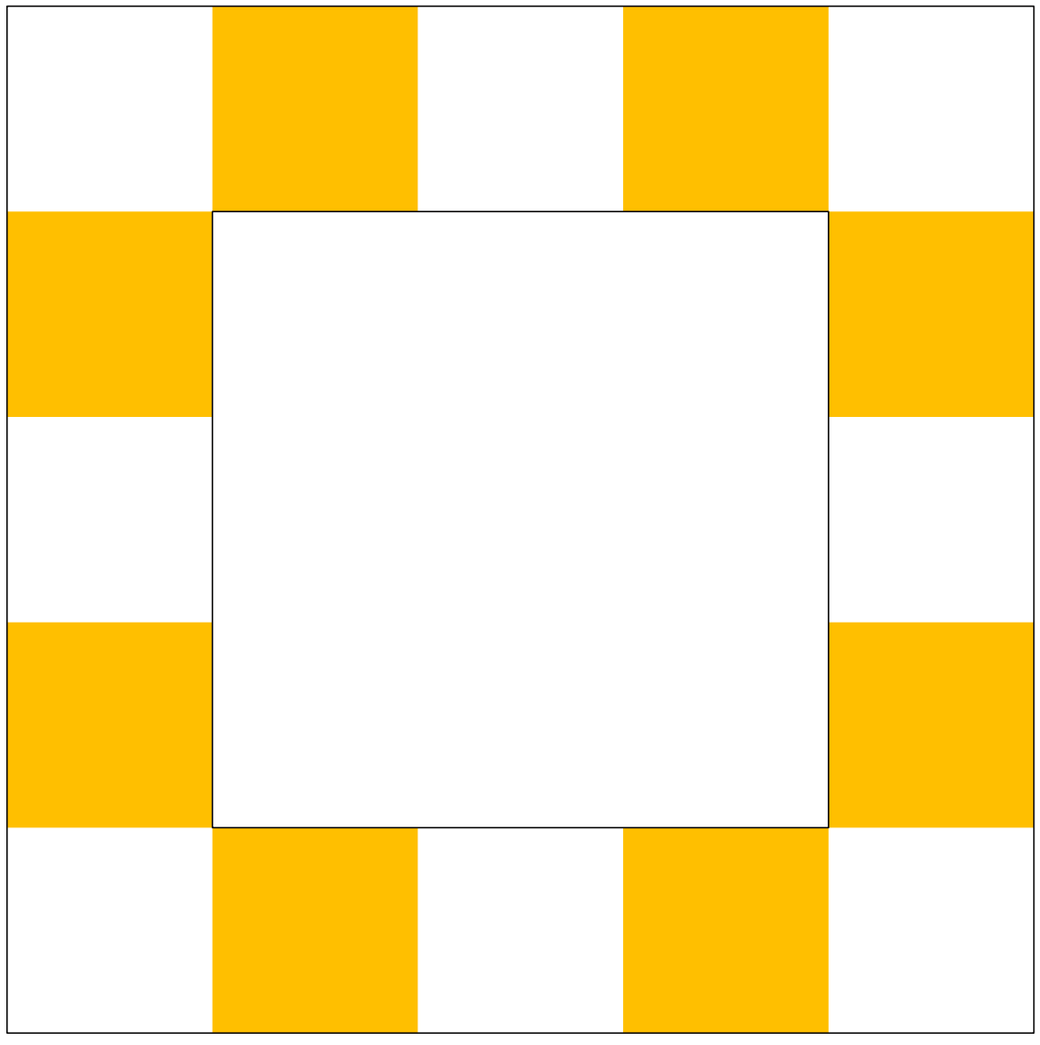
Spatial division of the elements

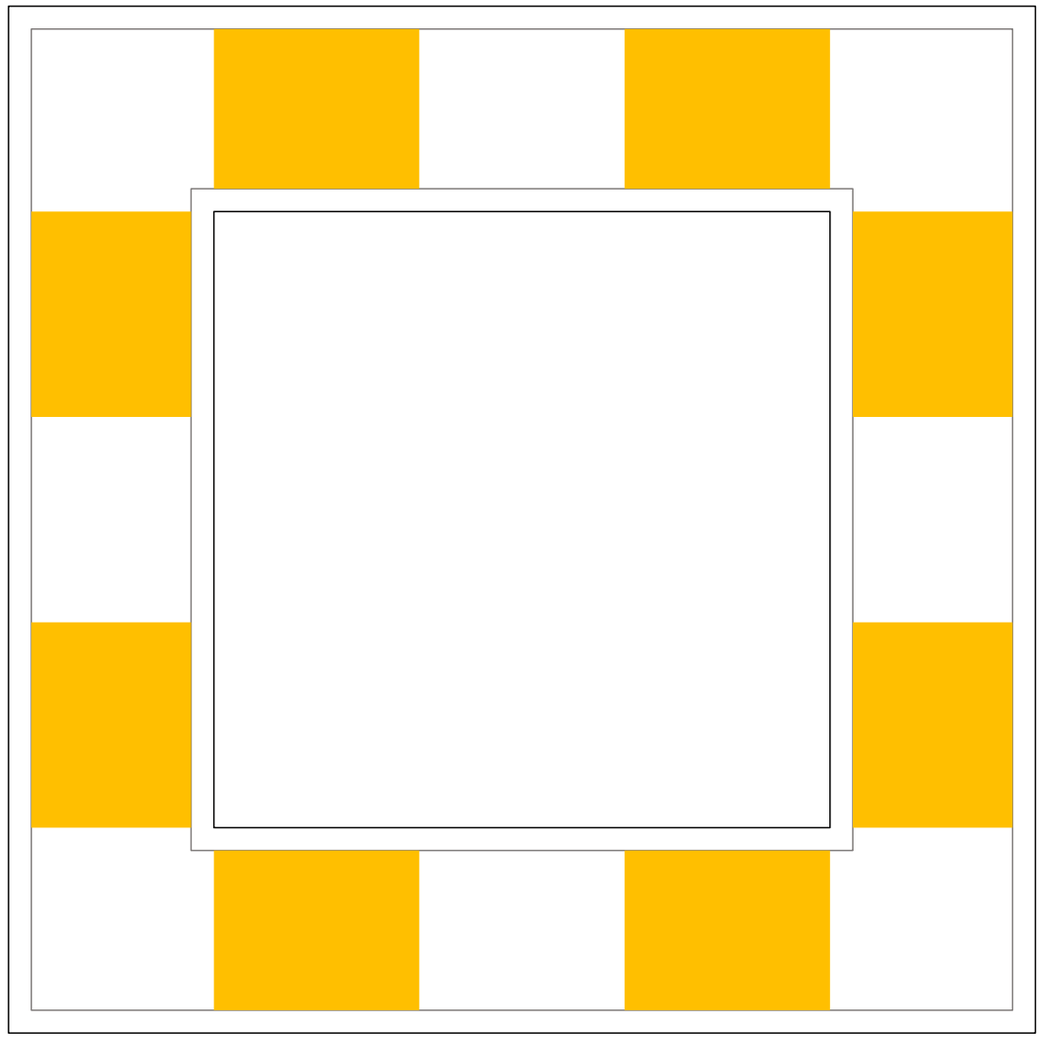




Development of the form

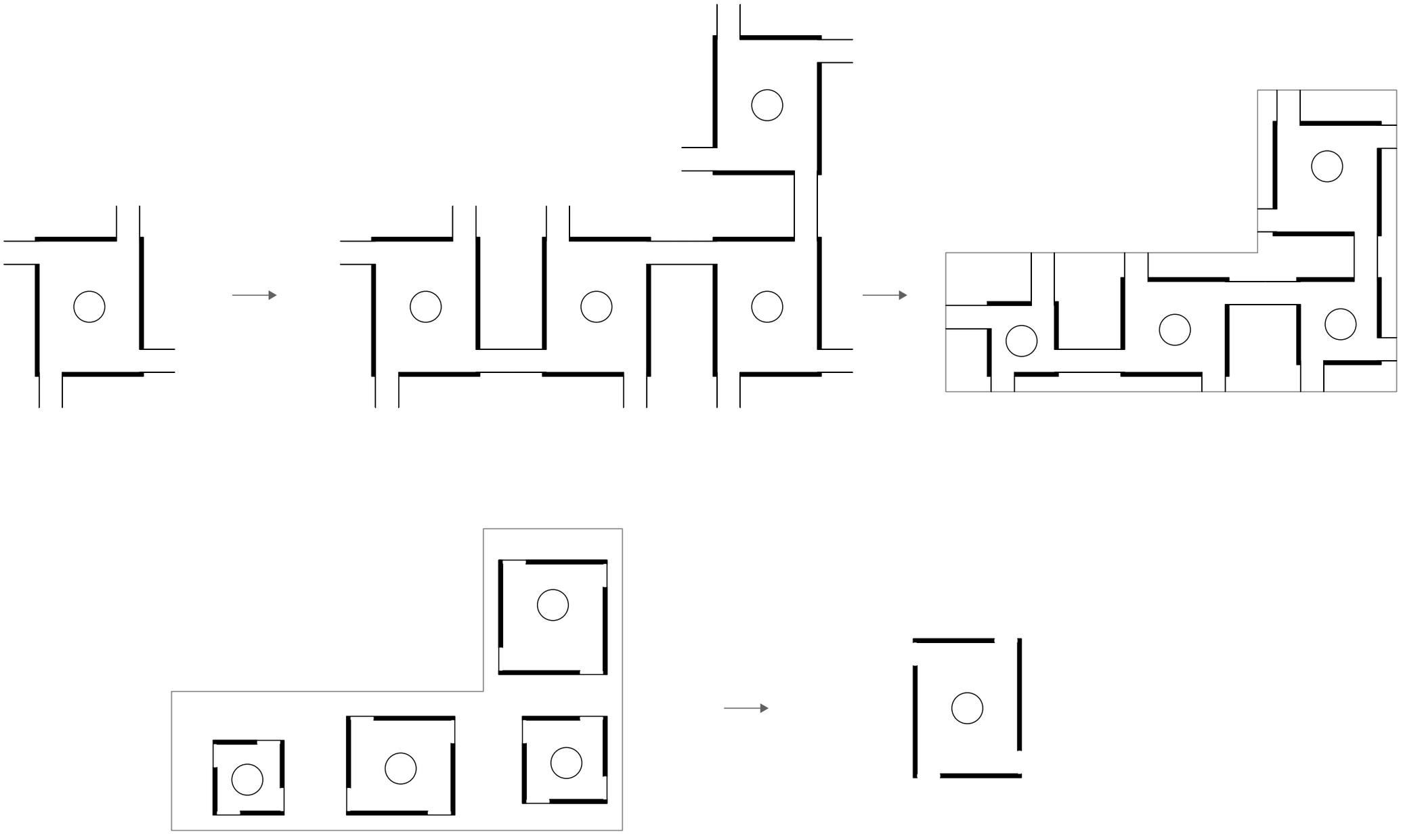
Spatial division of the elements





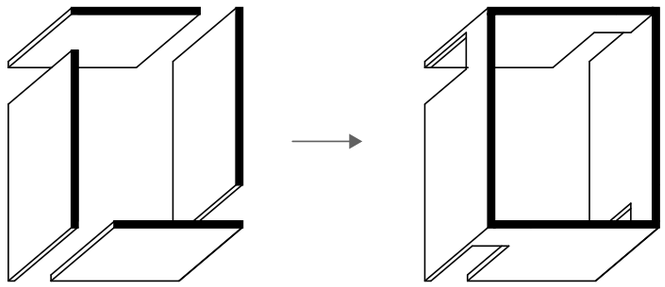
Development of the form

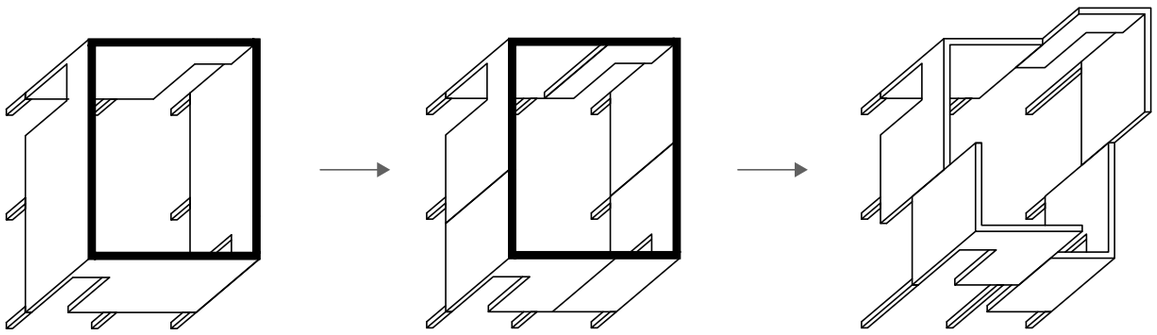
Connections between the elements



Development of the form

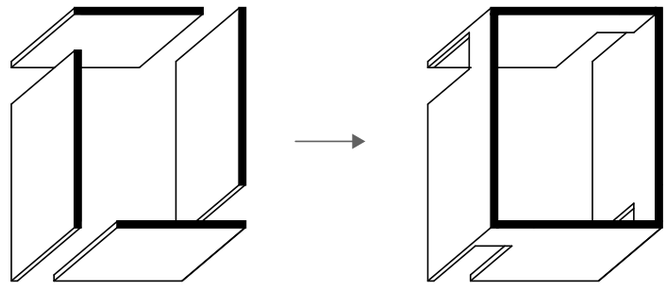
Development of the elements





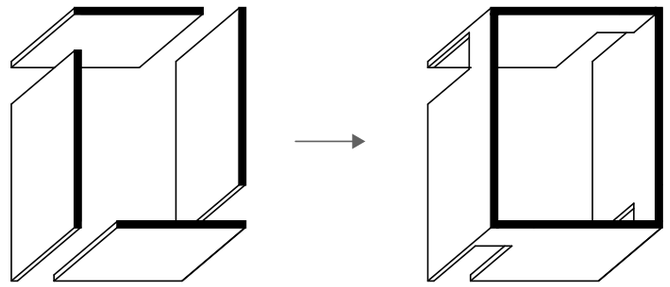
Development of the form

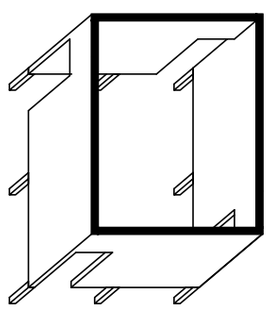
Design process of the openings

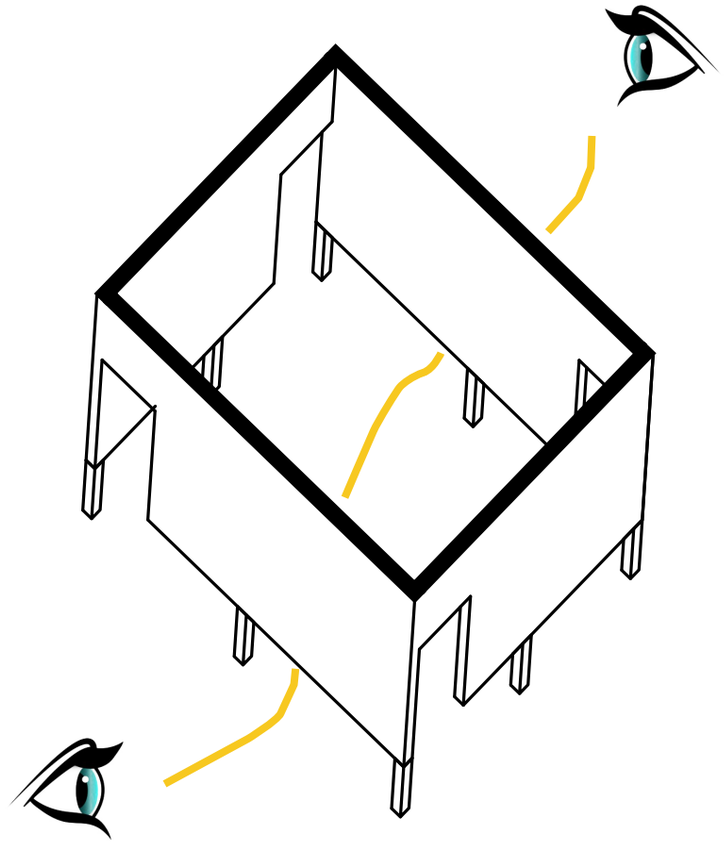


Development of the form

The safety issue; adding the legs

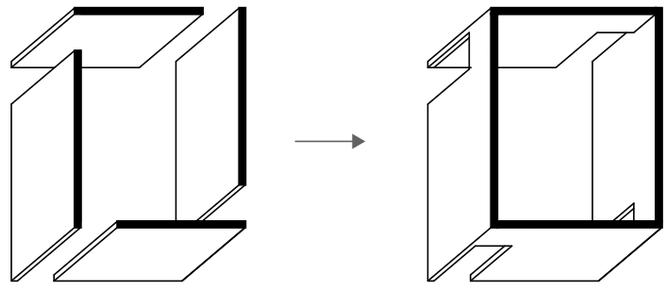


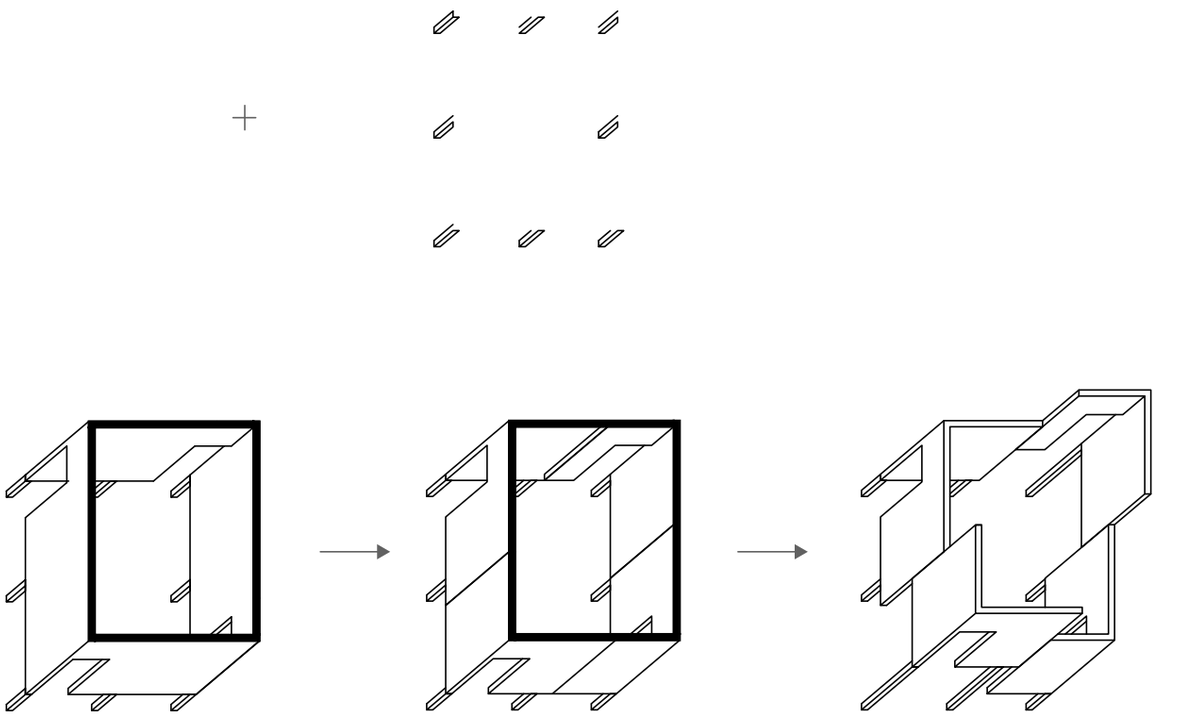




Development of the form

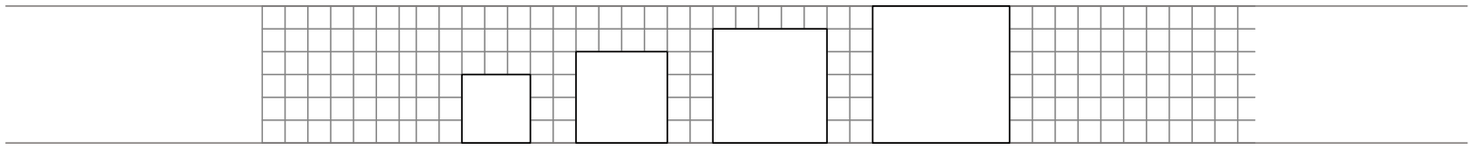
Adding playfulness





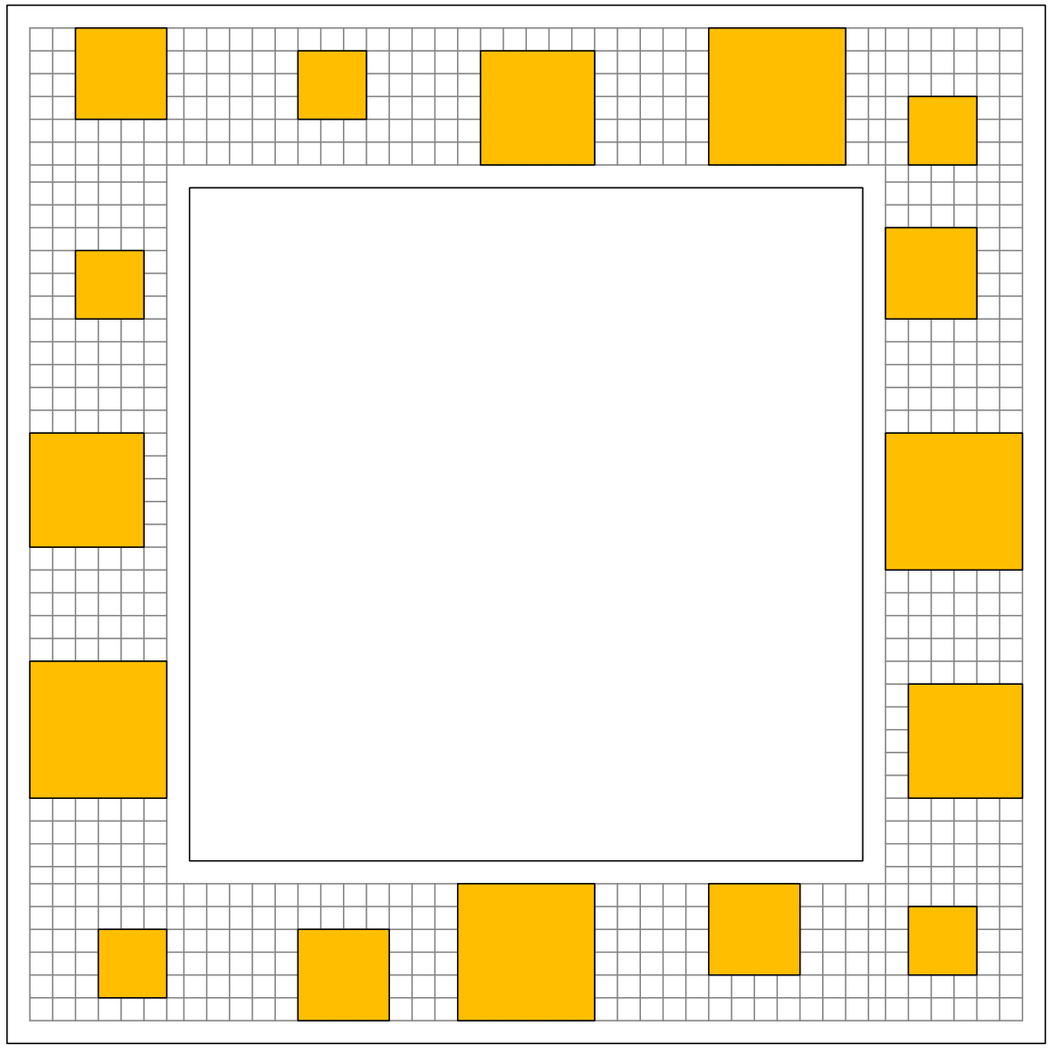
Development of the form

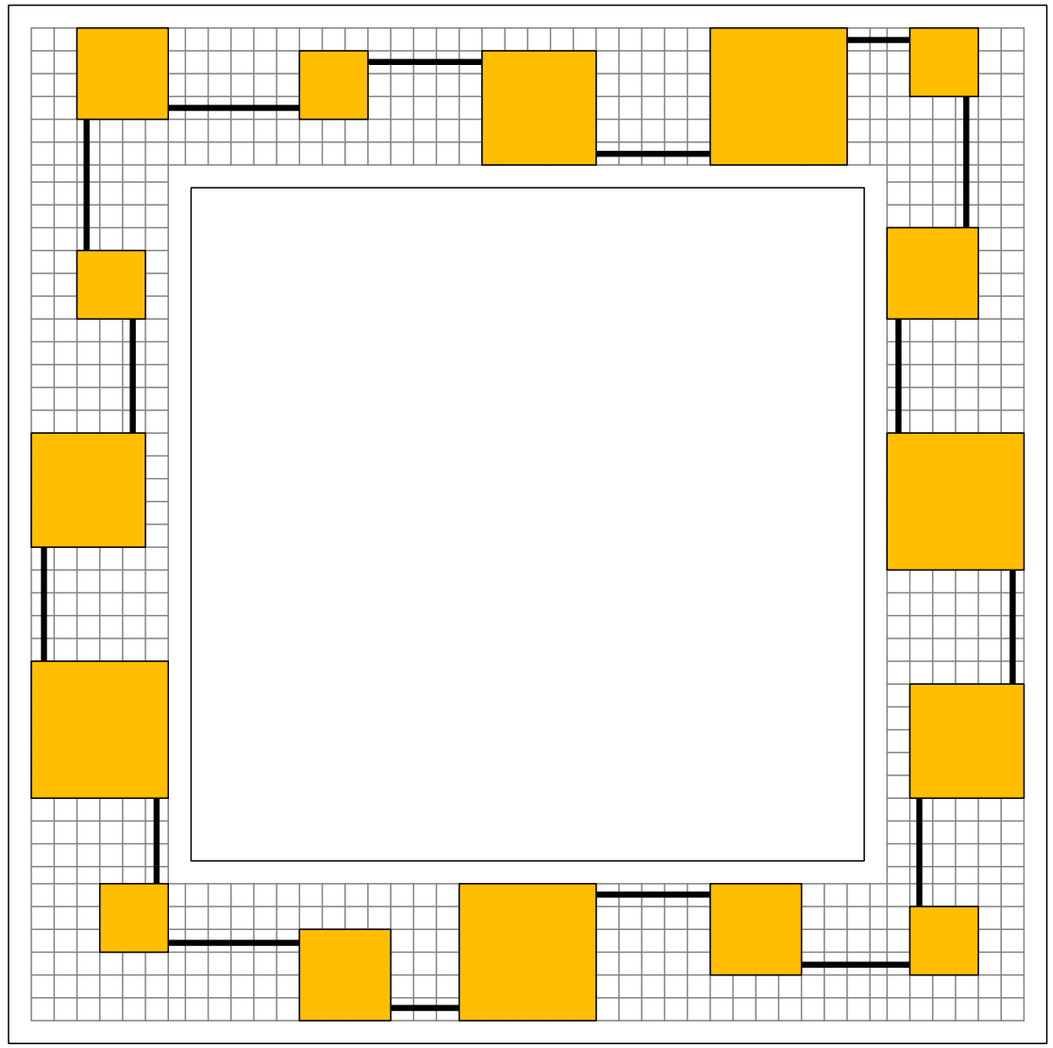
Size of the elements



Development of the form

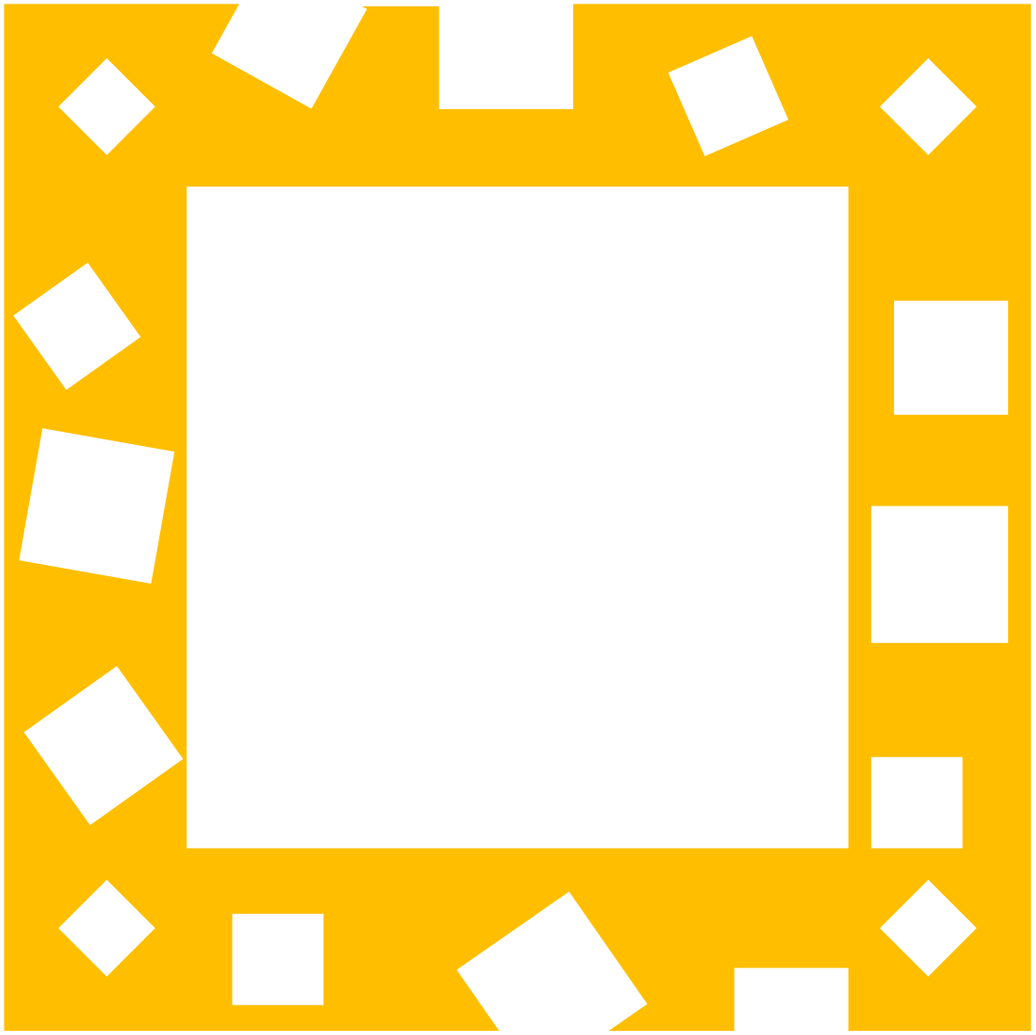
Elements on the grid

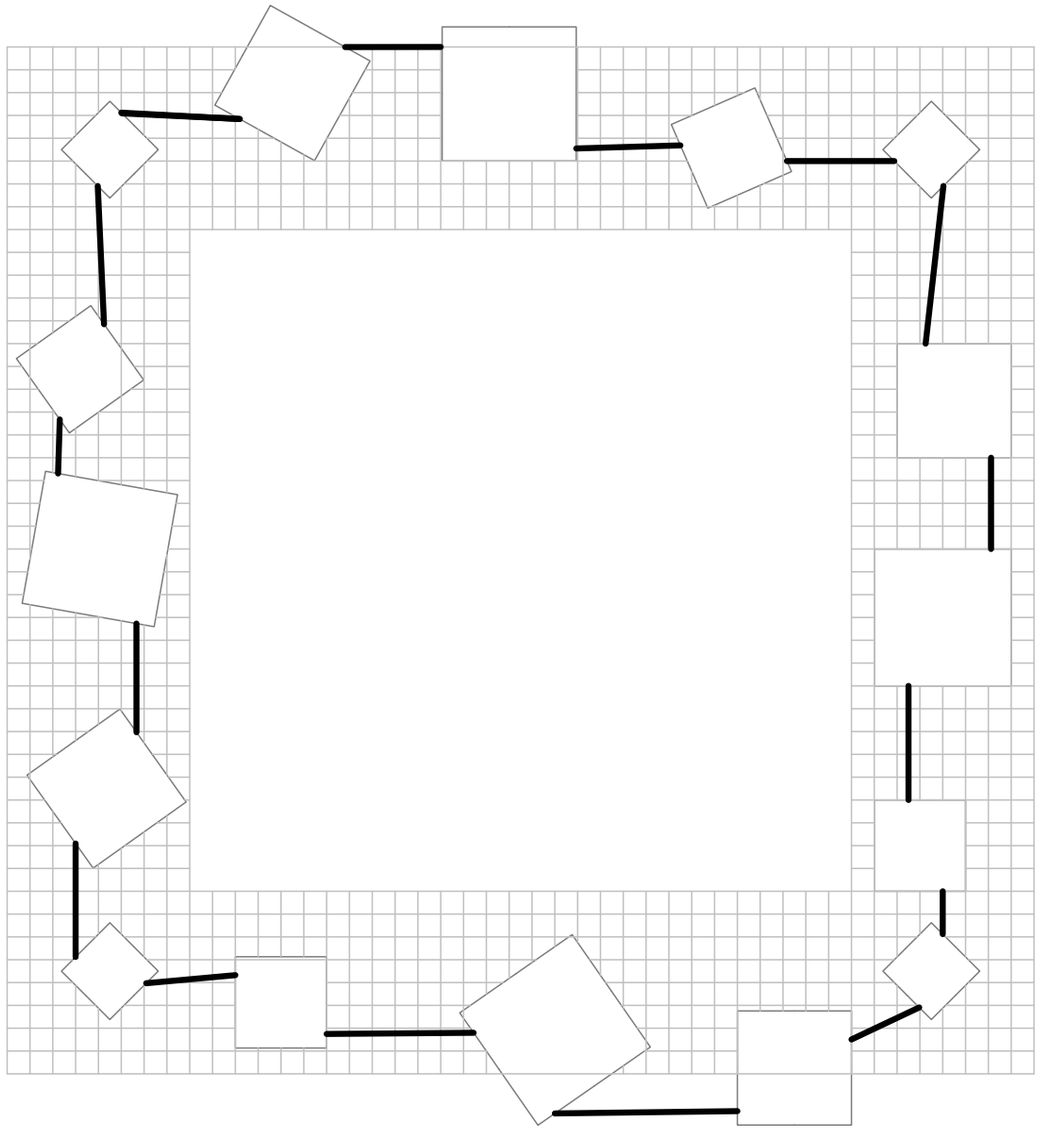




Development of the form

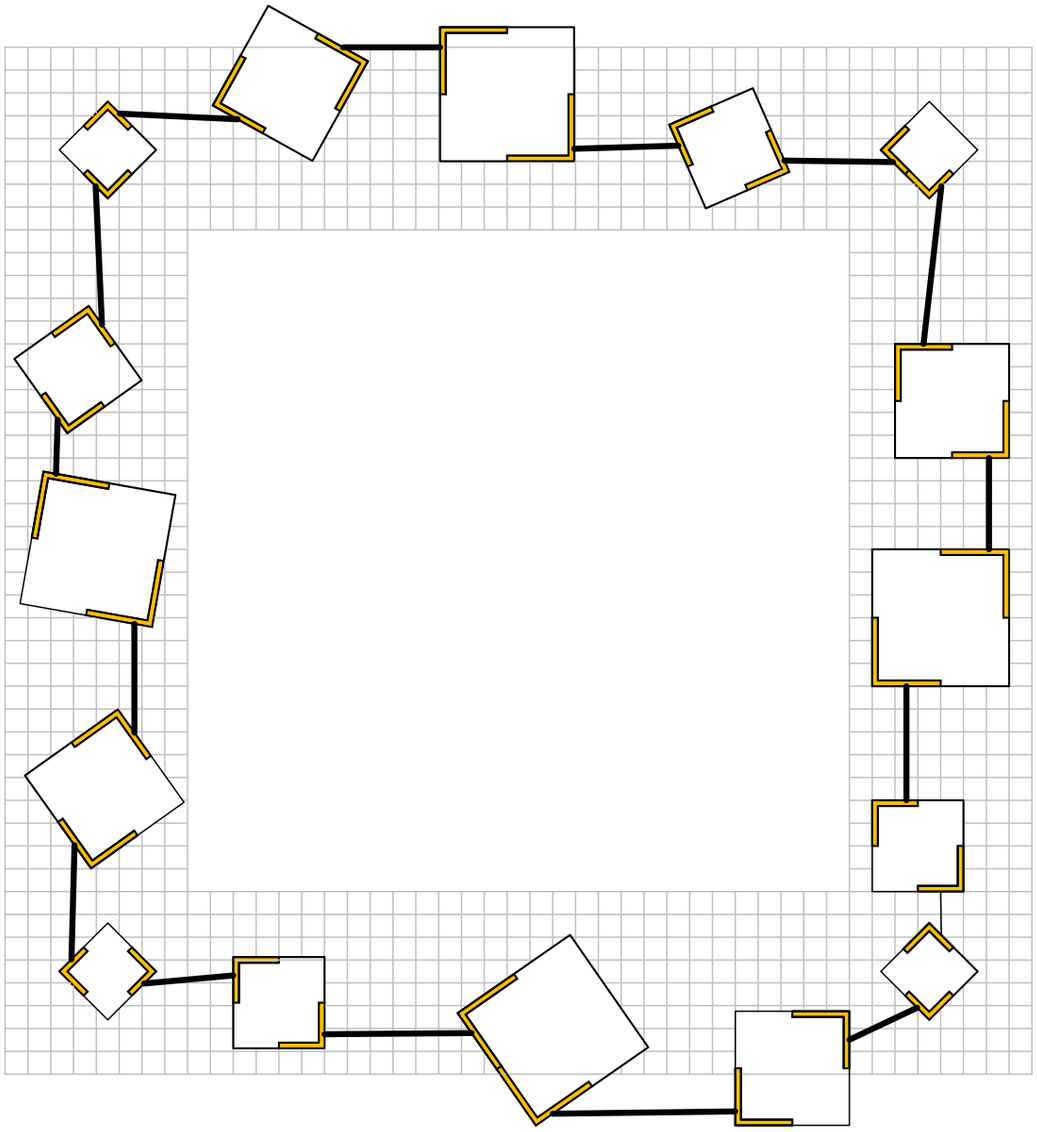
Creating playful connections

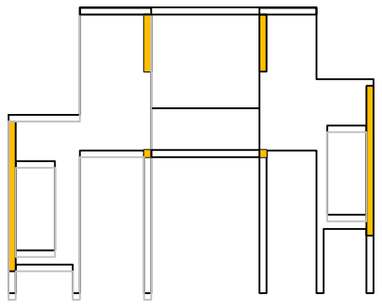


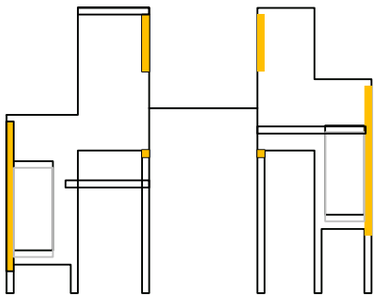


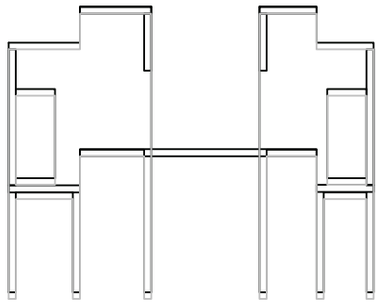
Development of the form

Bridge accross the elements



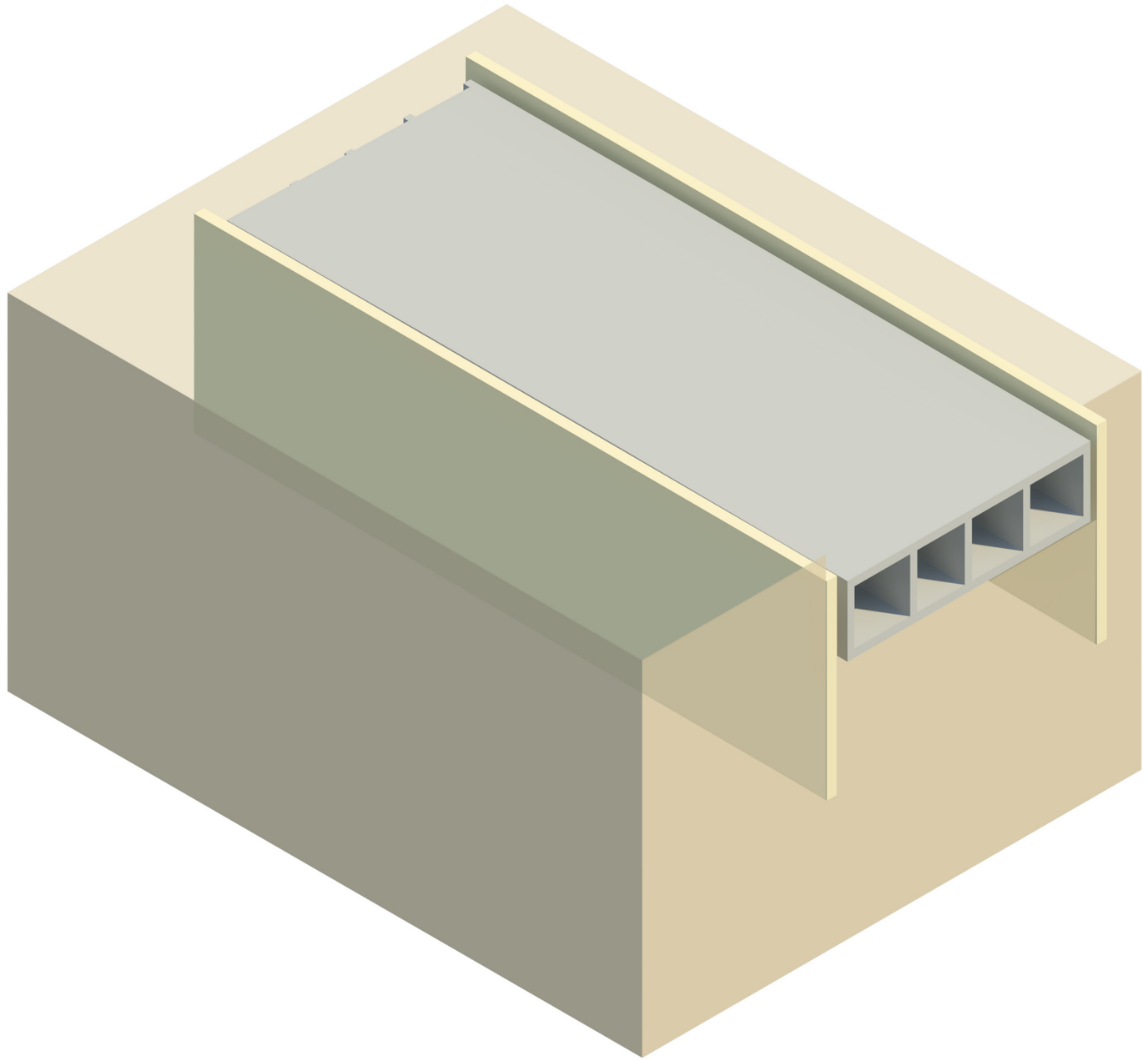






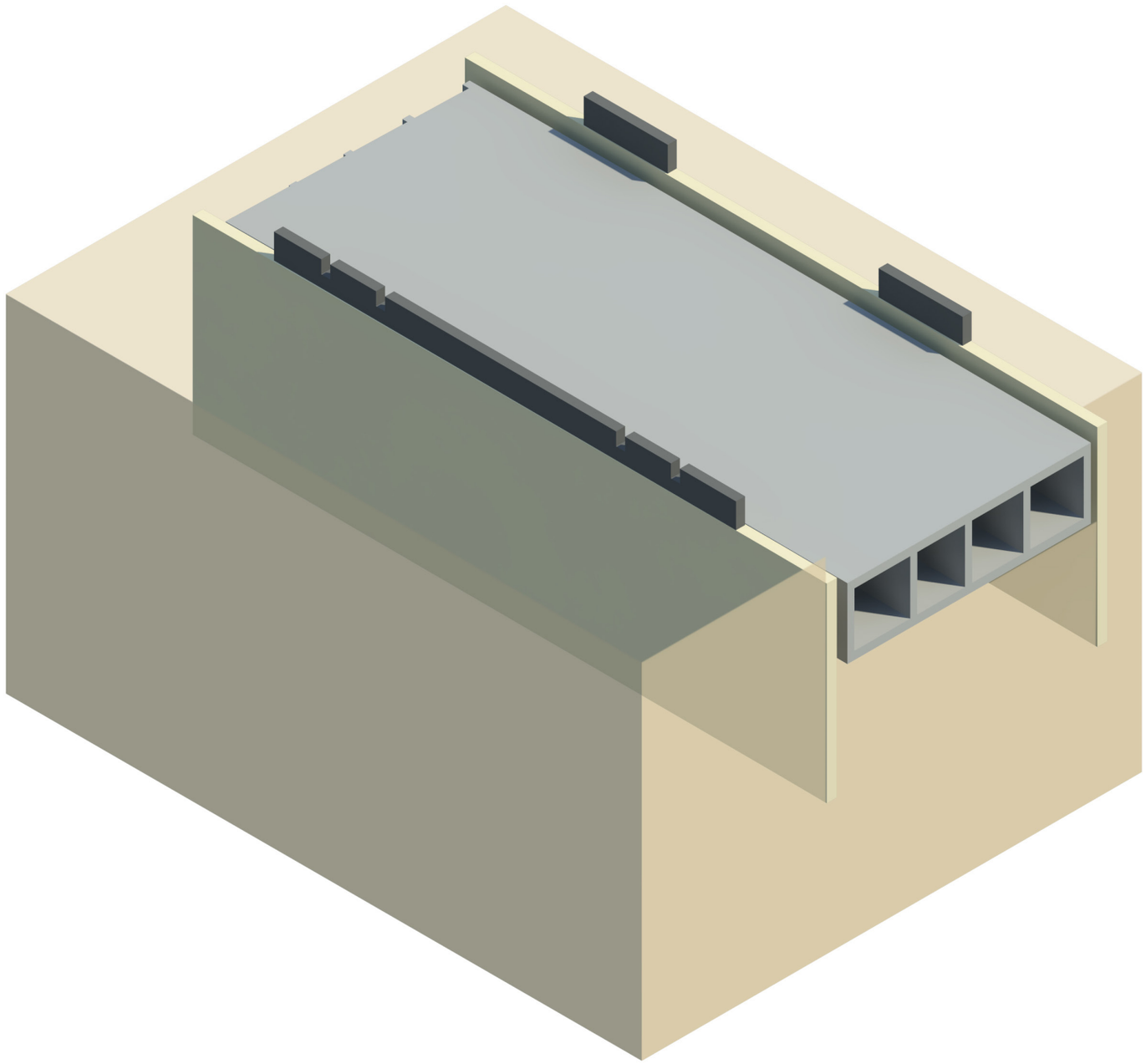
Construction

The tunnel situation



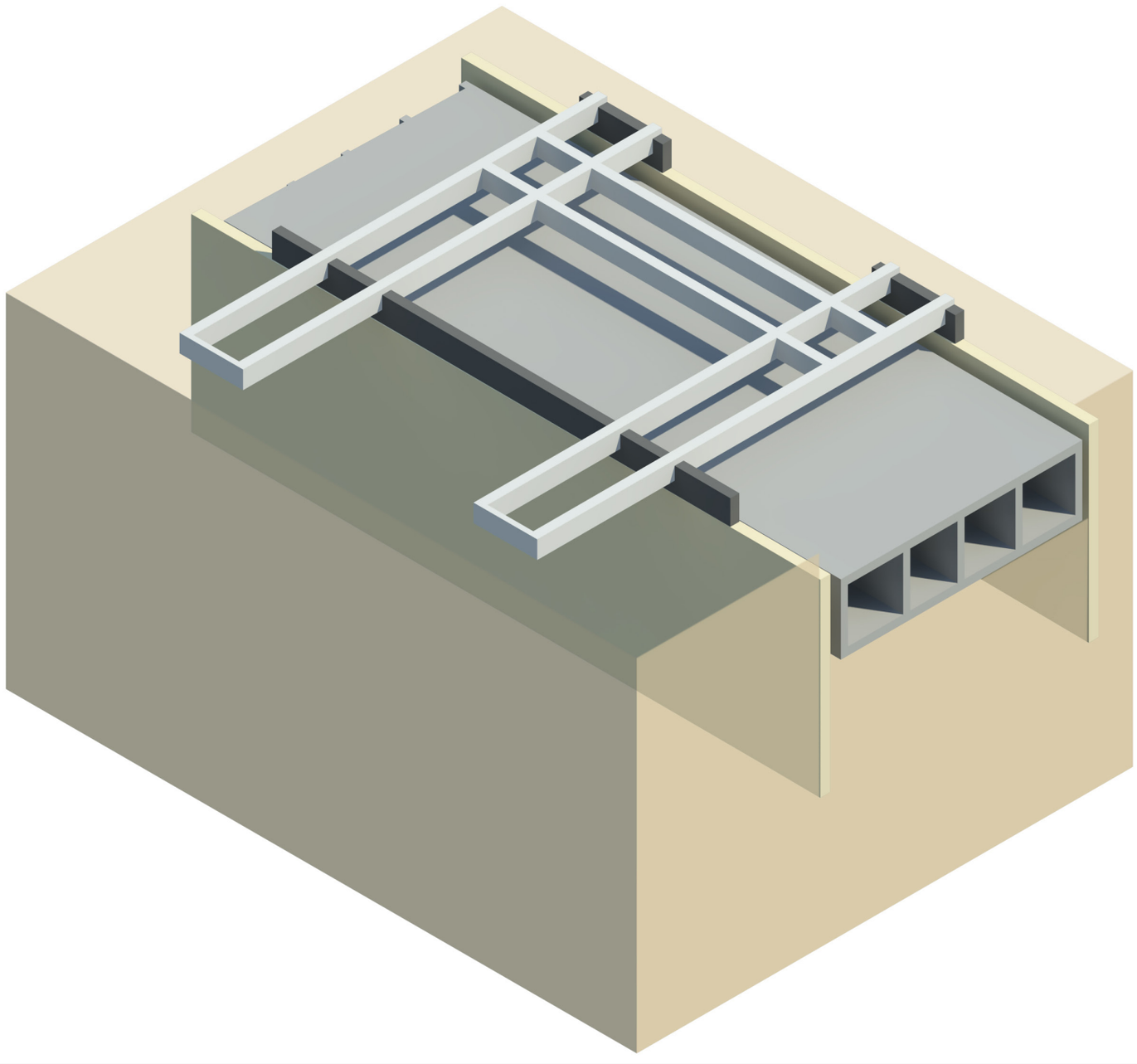
Construction

The tunnel situation



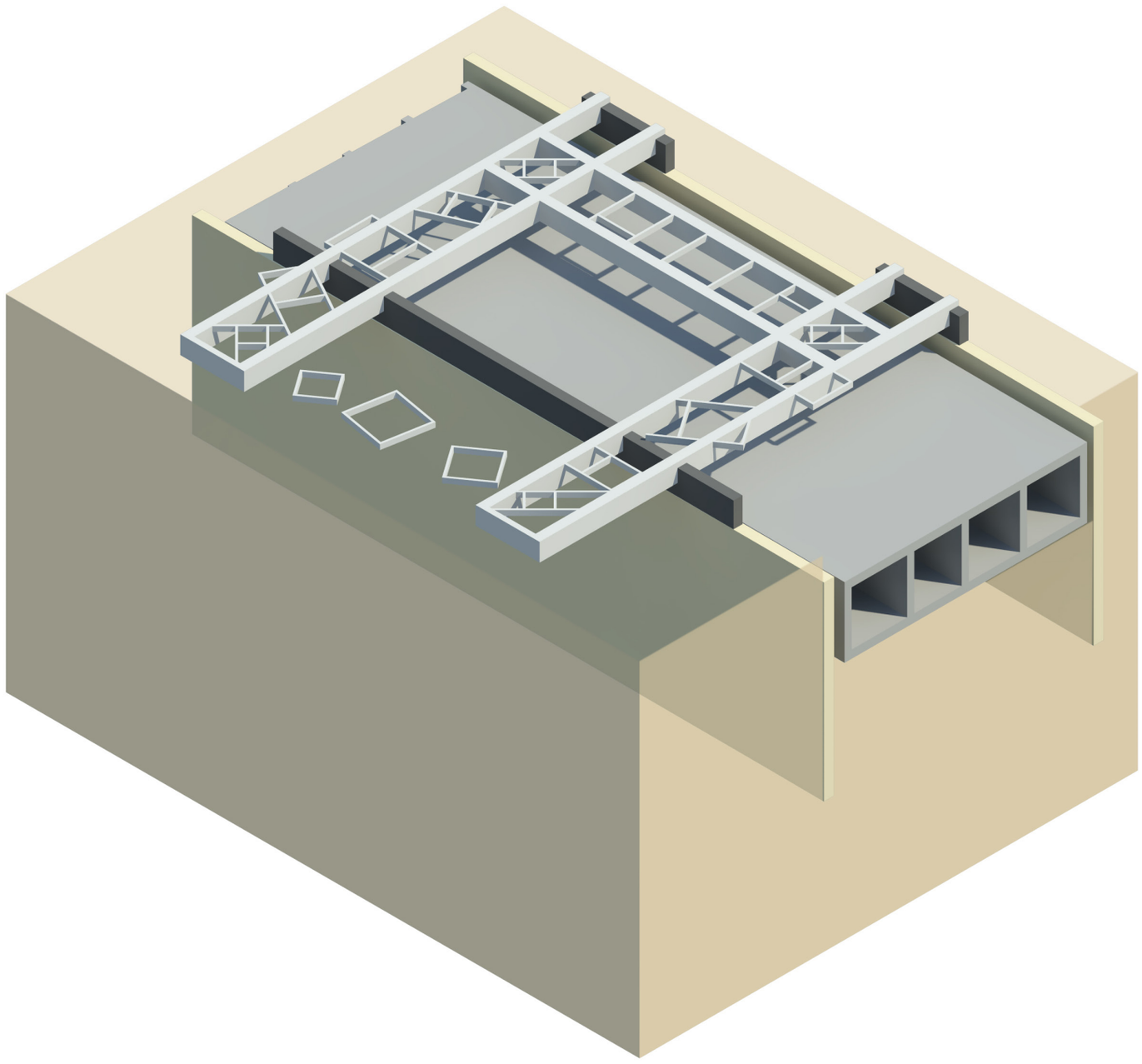
Construction

The tunnel situation



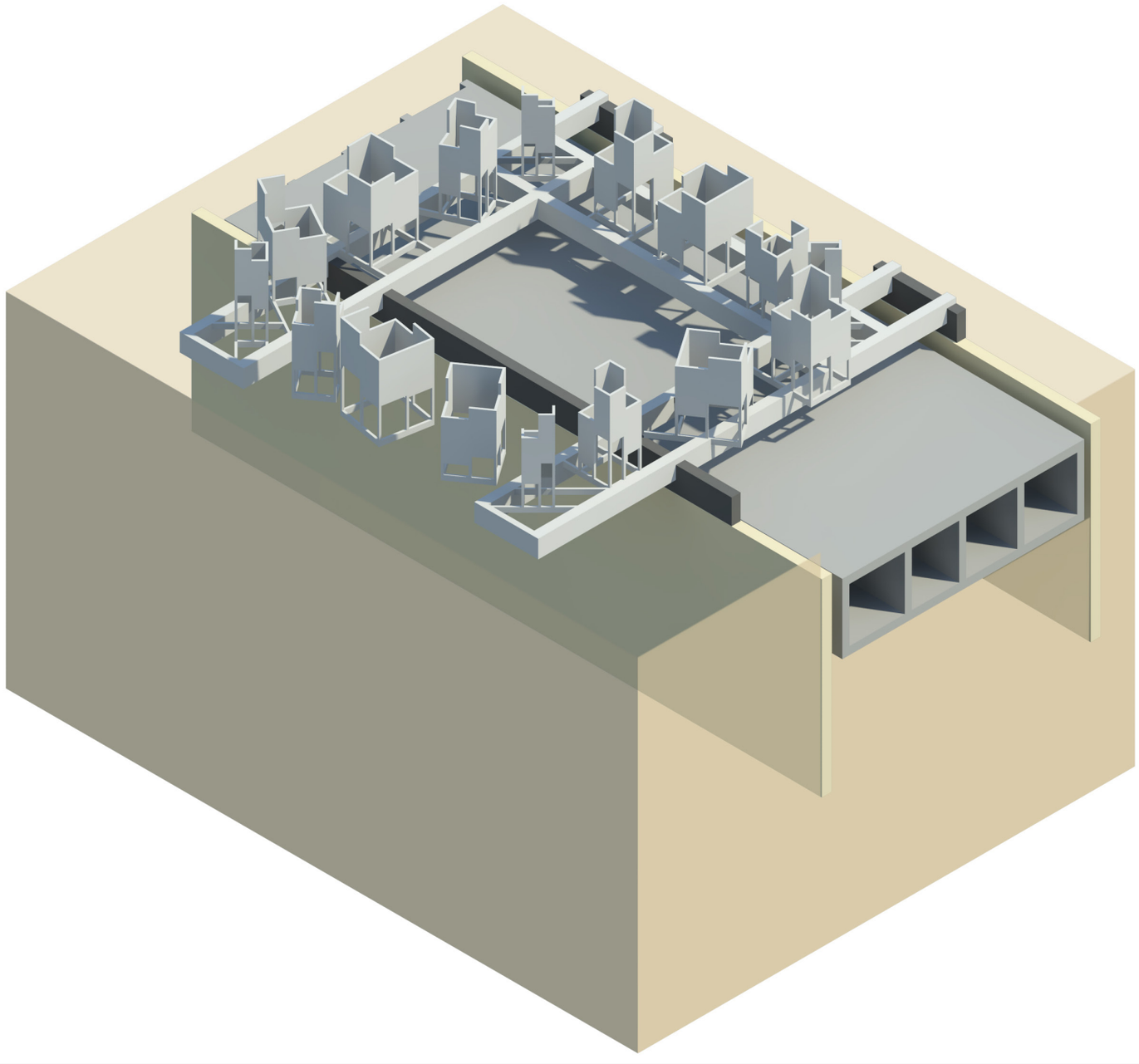
Construction

The tunnel situation



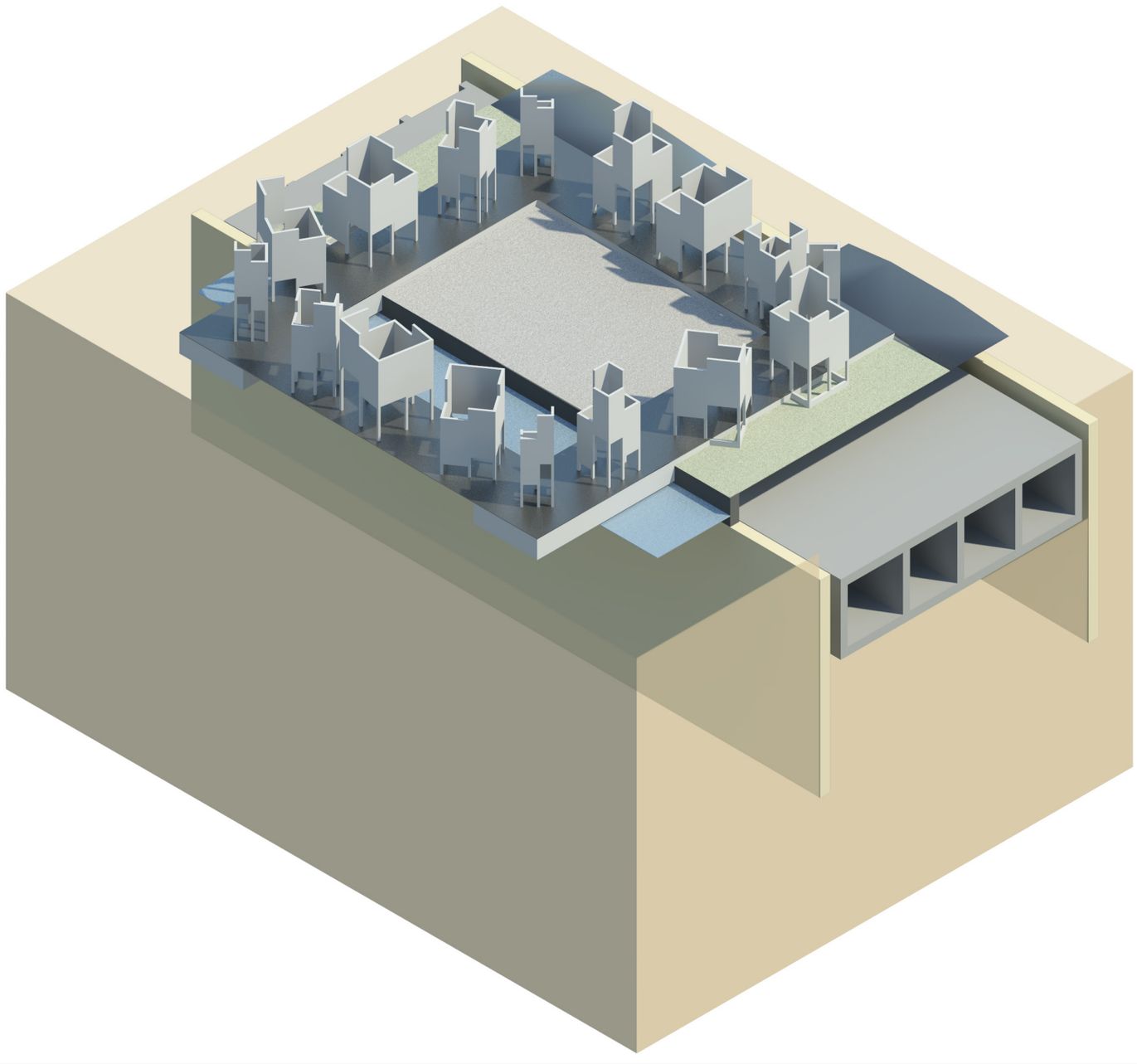
Construction

The tunnel situation



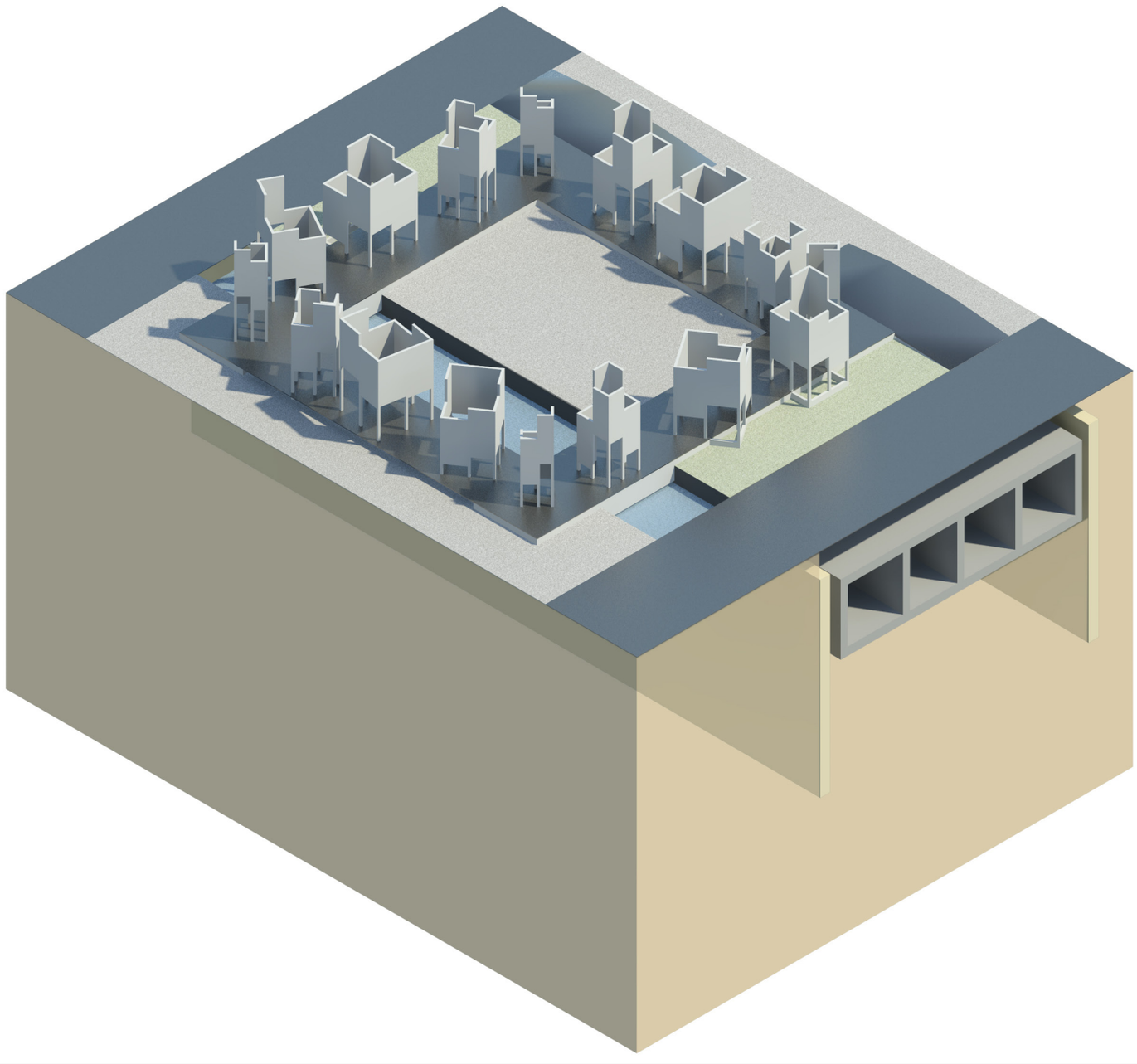
Construction

The tunnel situation



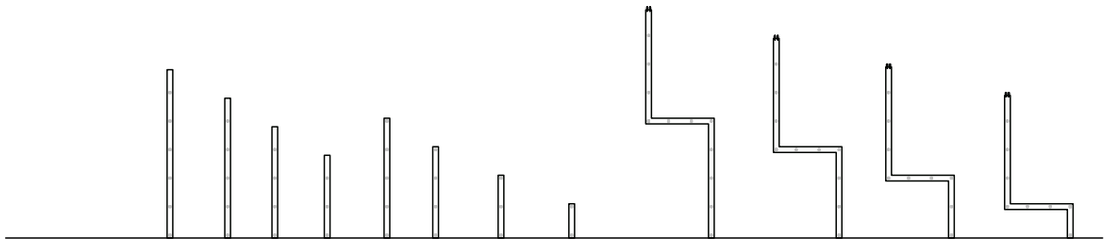
Construction

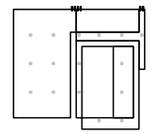
The tunnel situation

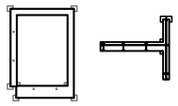


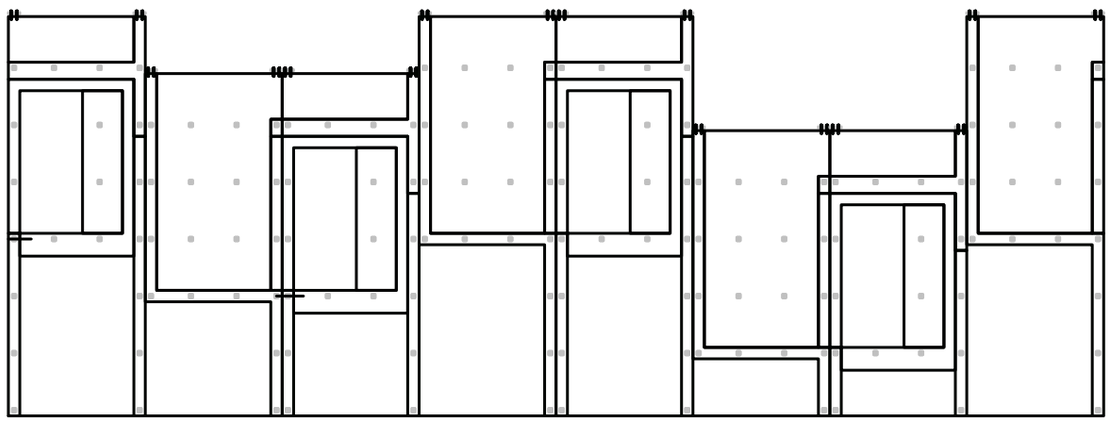
Construction

Precast concrete elements



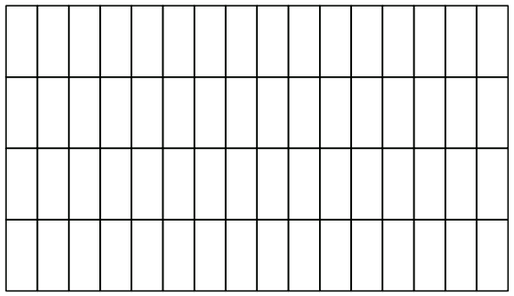


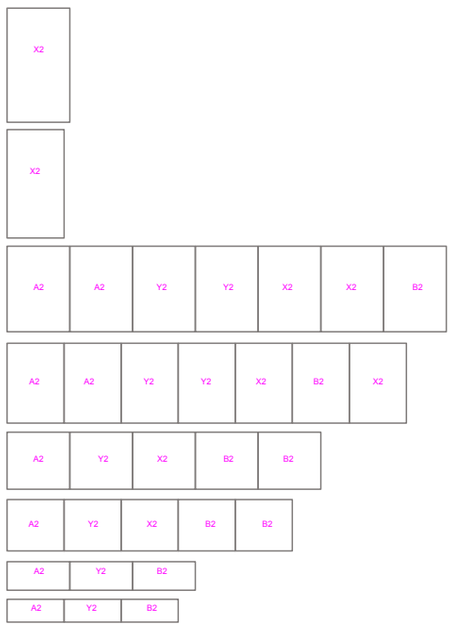


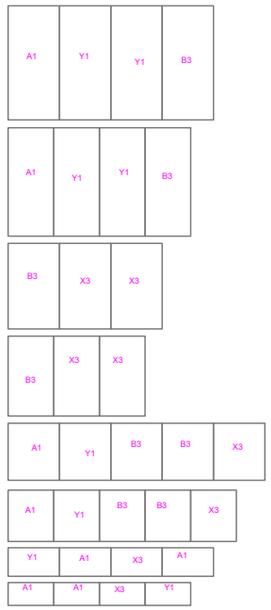


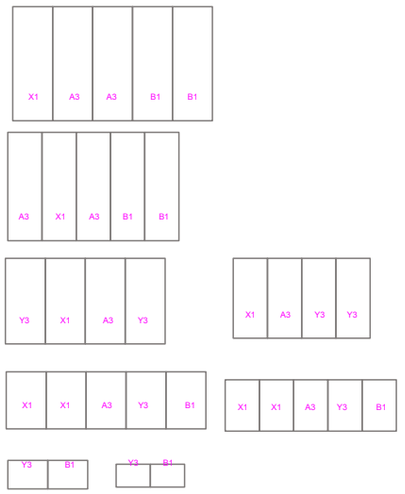
Construction

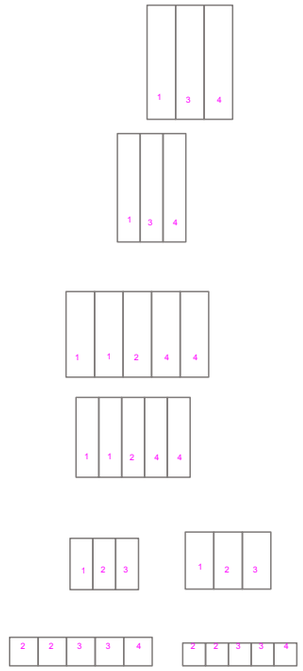
openings





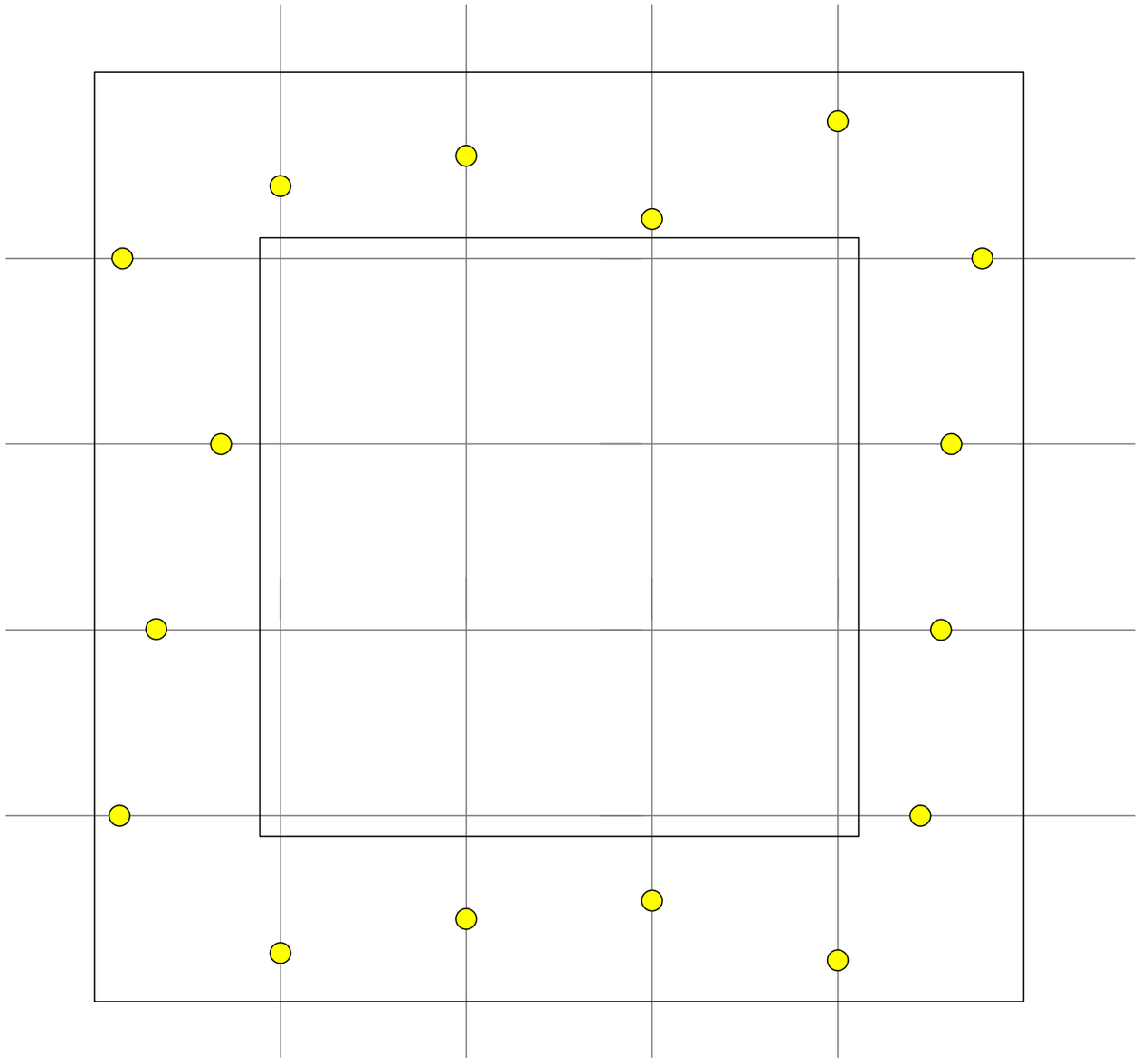






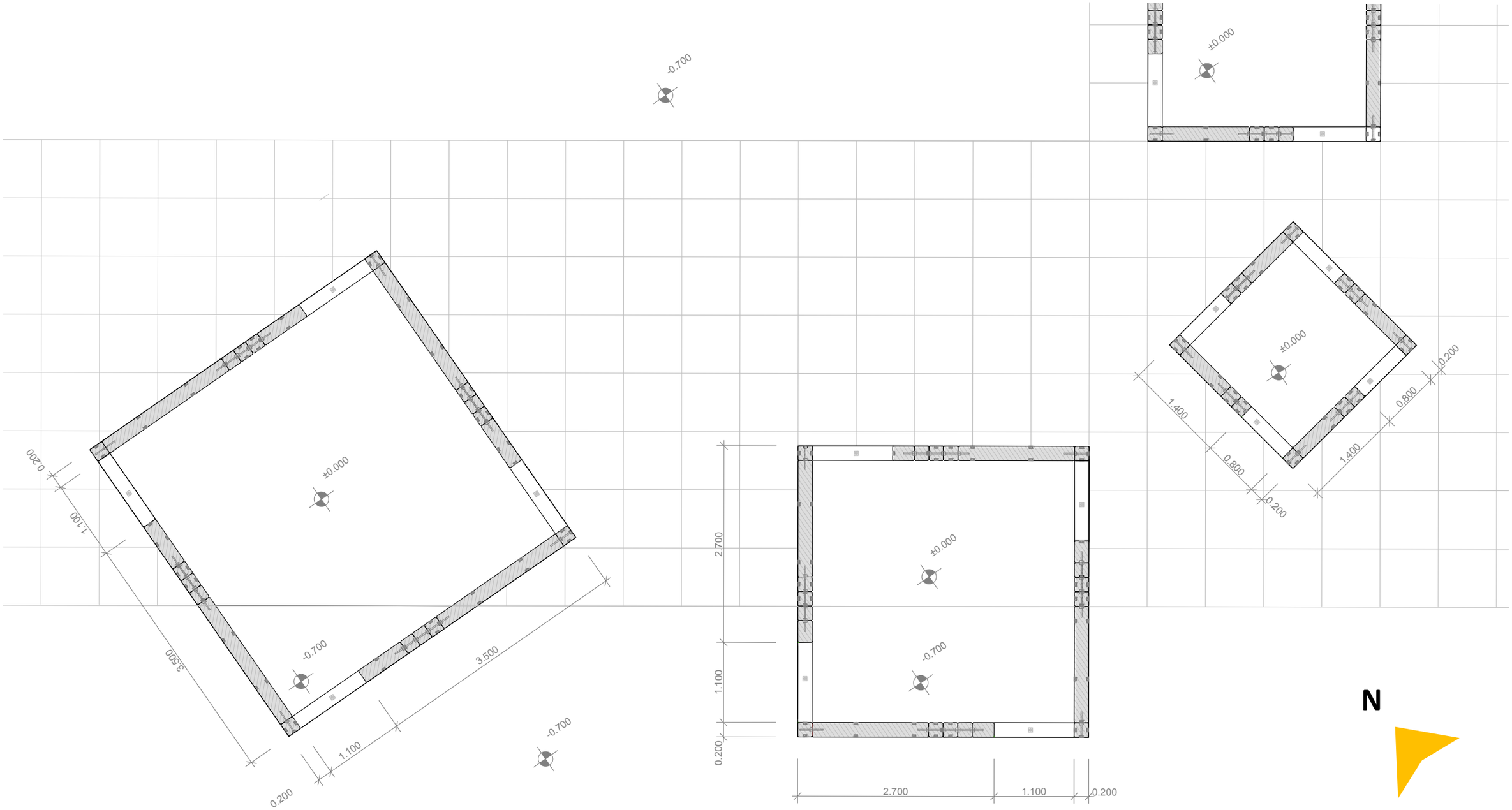
Construction

Placing of the installation holes



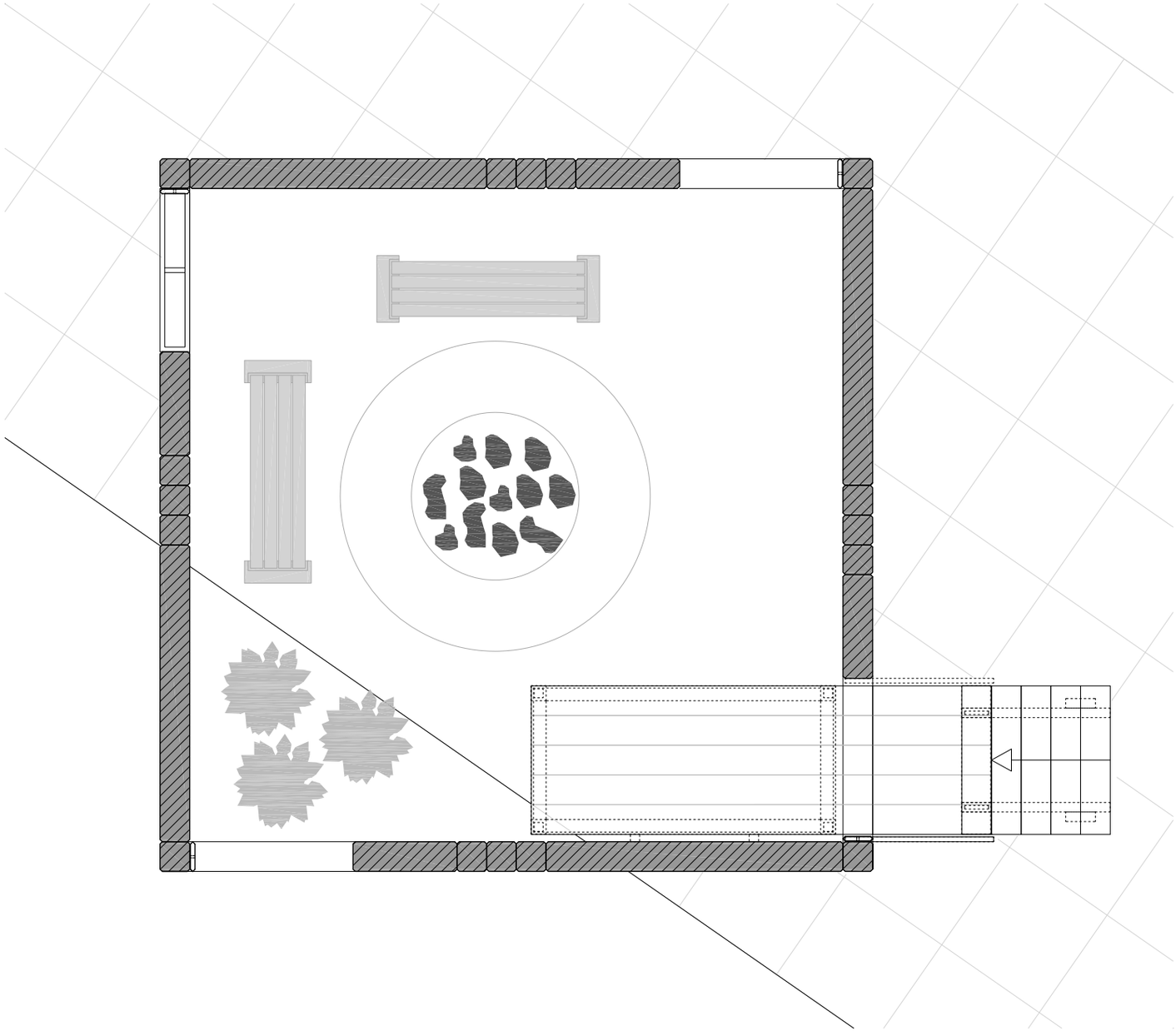
Space for individual development

Floorplan of selected elements of the frame



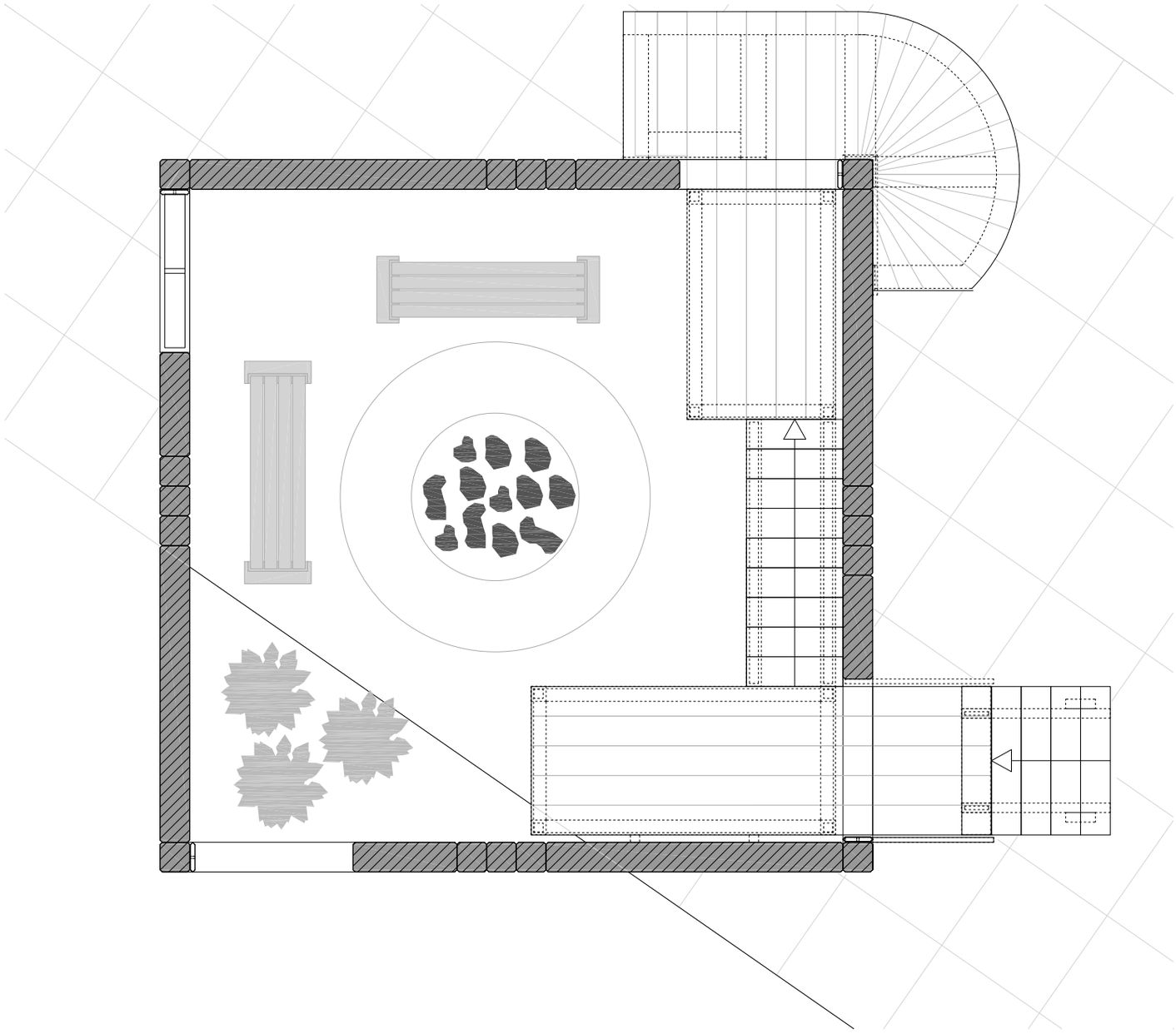
Space for individual development

Floorplan of the selected element improved by the users - step 1



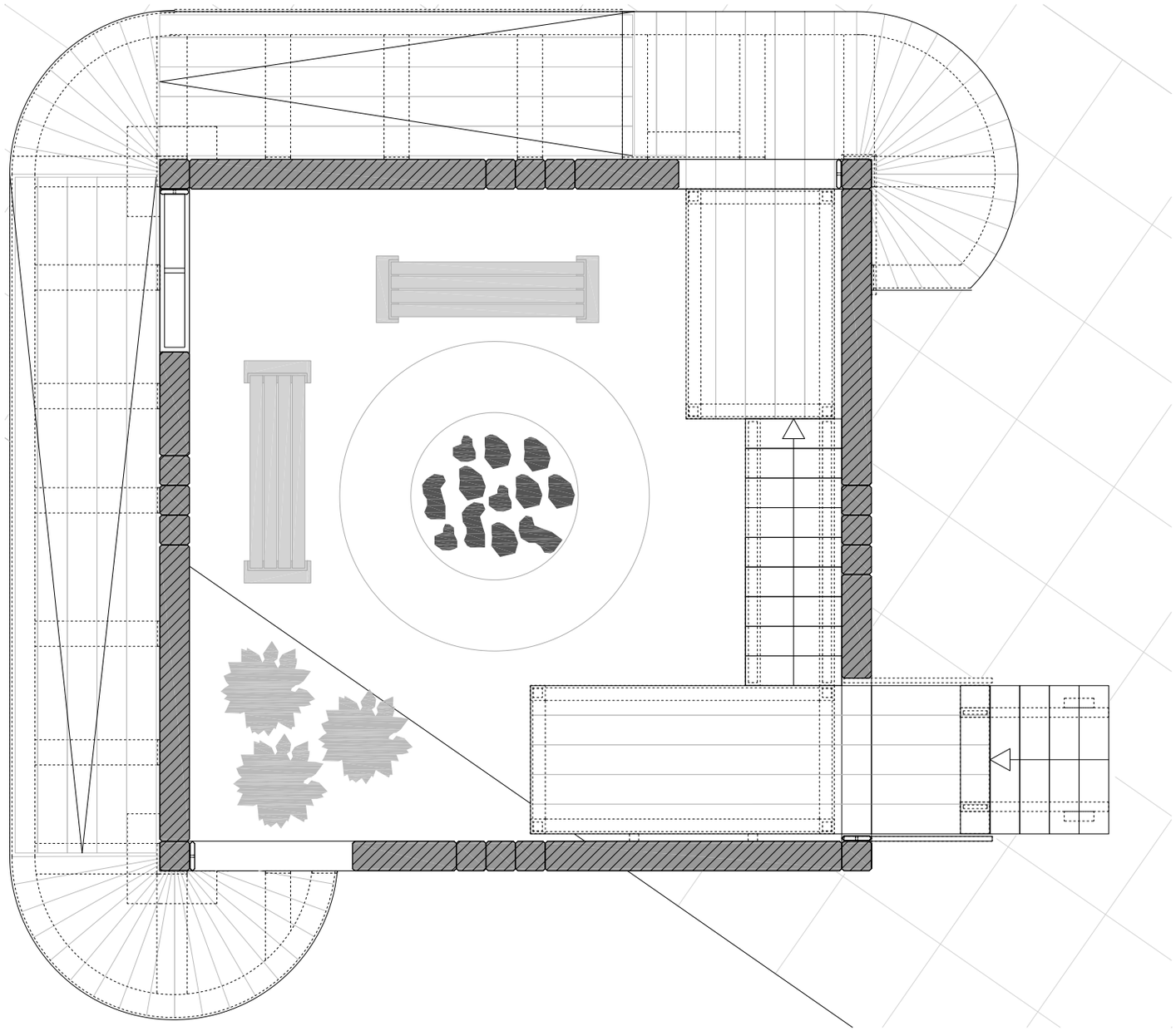
Space for individual development

Floorplan of the selected element improved by the users - step 2



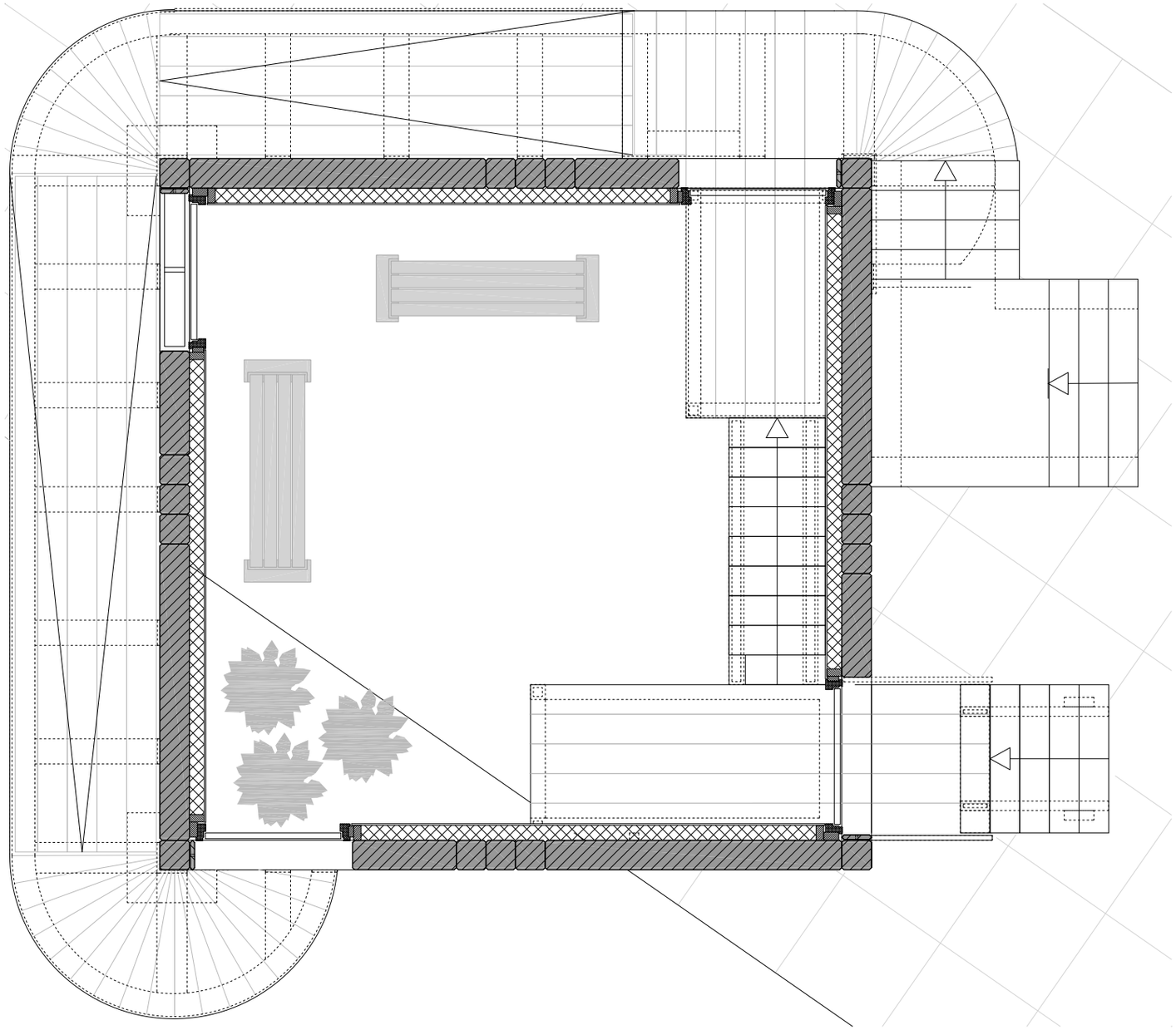
Space for individual development

Floorplan of the selected element improved by the users - step 3



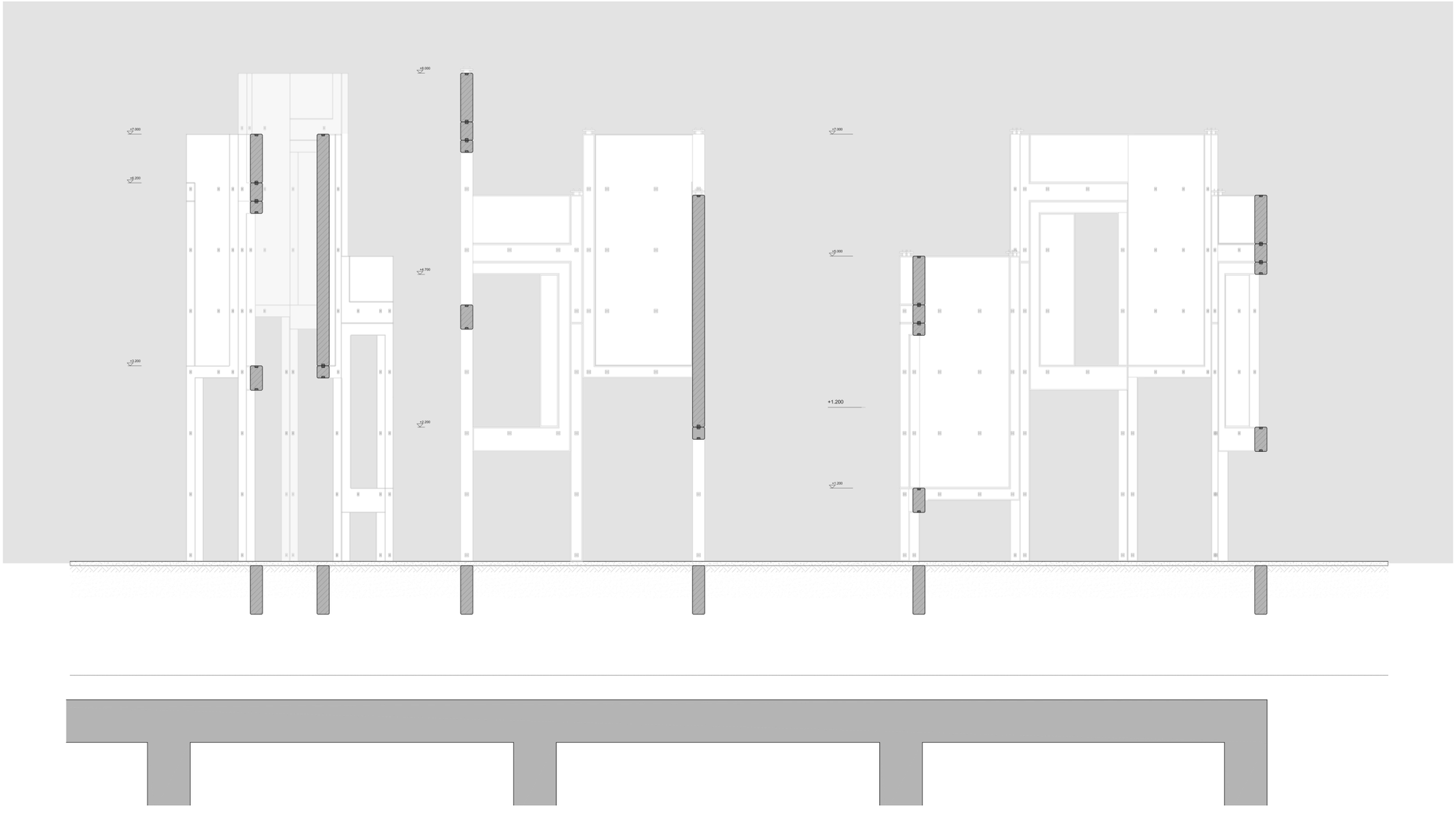
Space for individual development

Floorplan of the selected element improved by the users - step 4



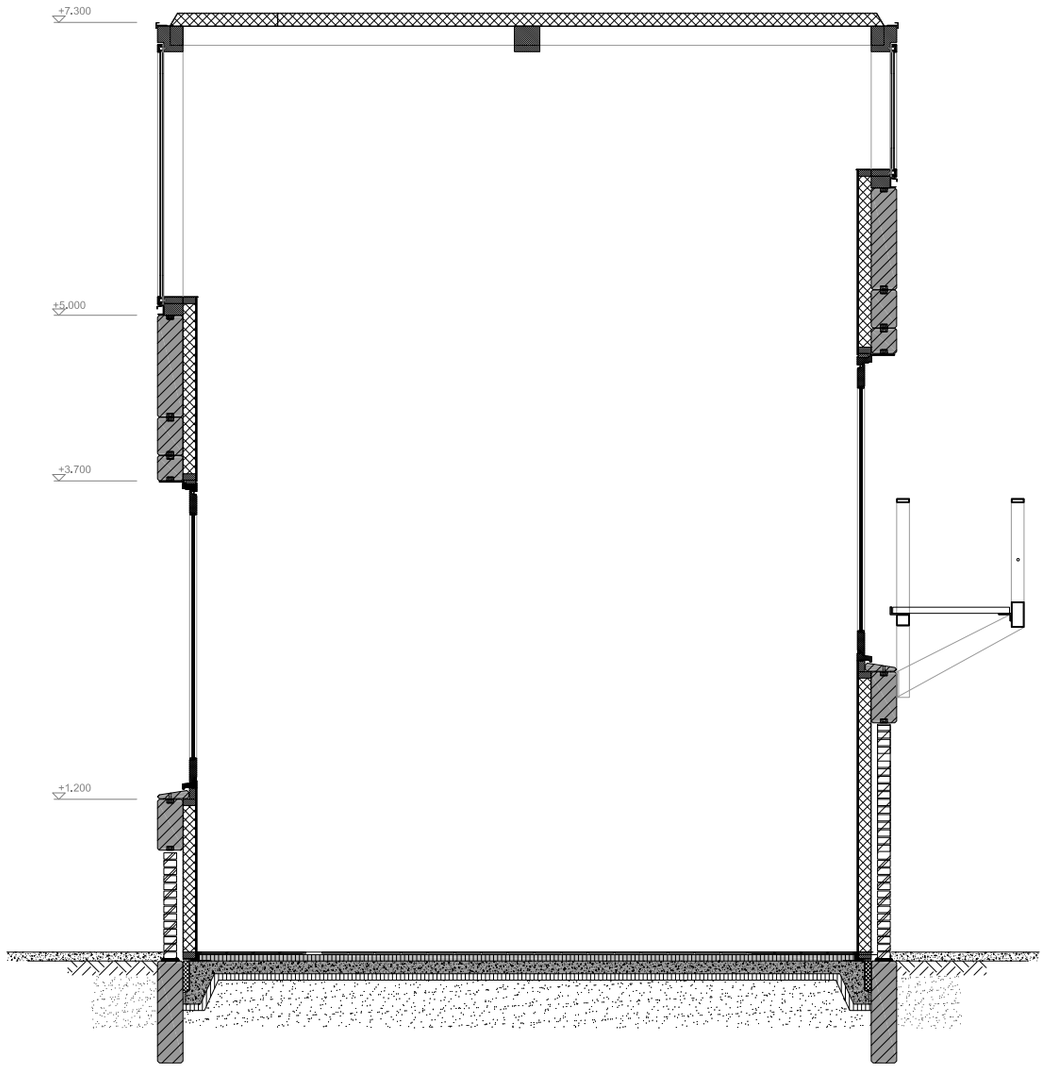
Space for individual development

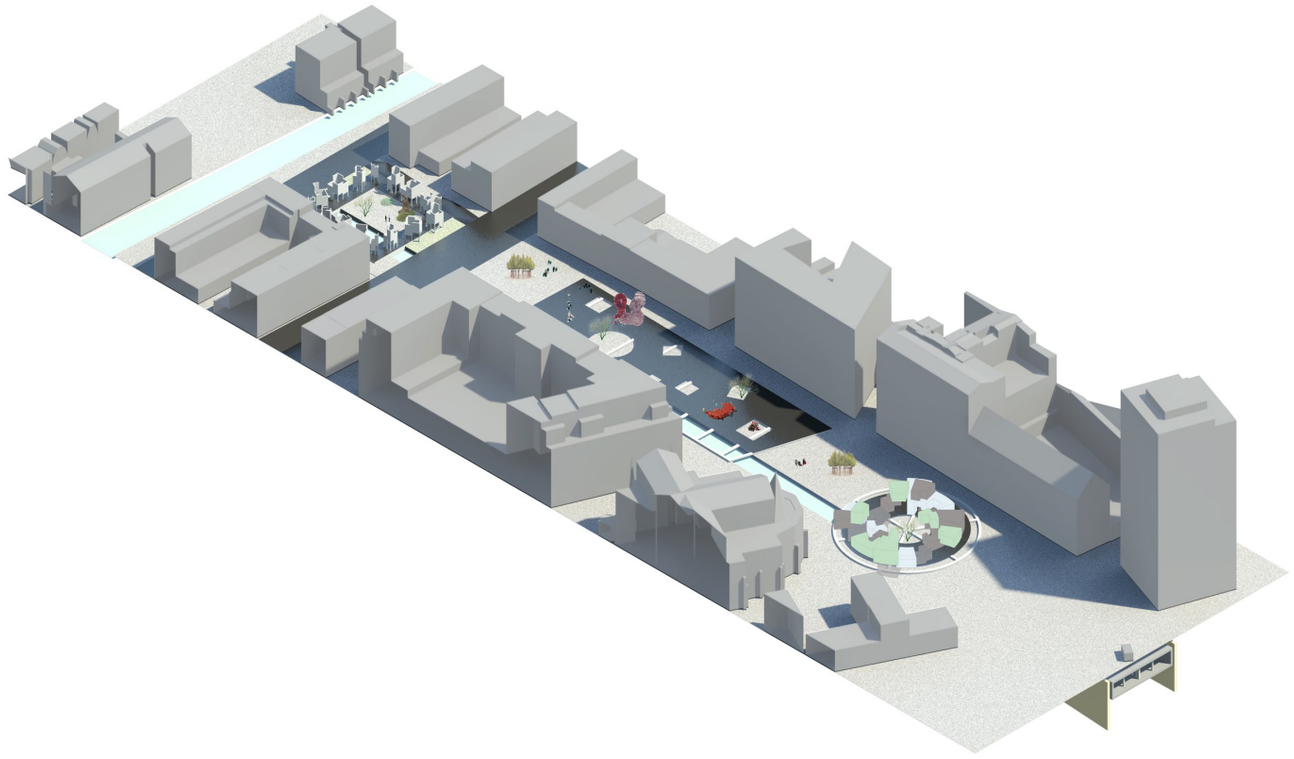
Section of selected elements of the frame



Space for individual development

Section of selected element inproved by the users



A city centre formed by the citizens

A place open for different solutions