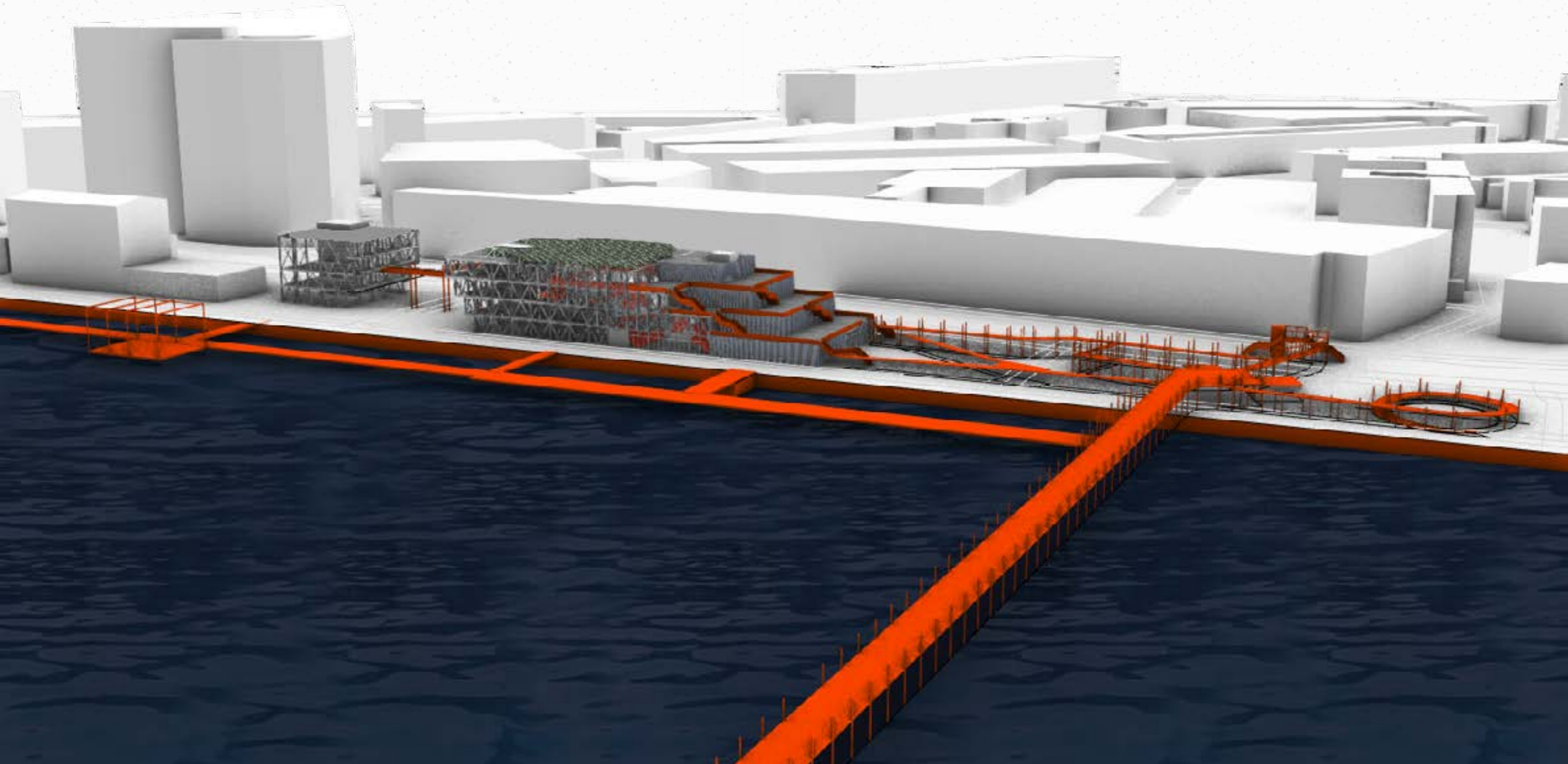


**THE ACTIVE
MUSEUM OF
ART**

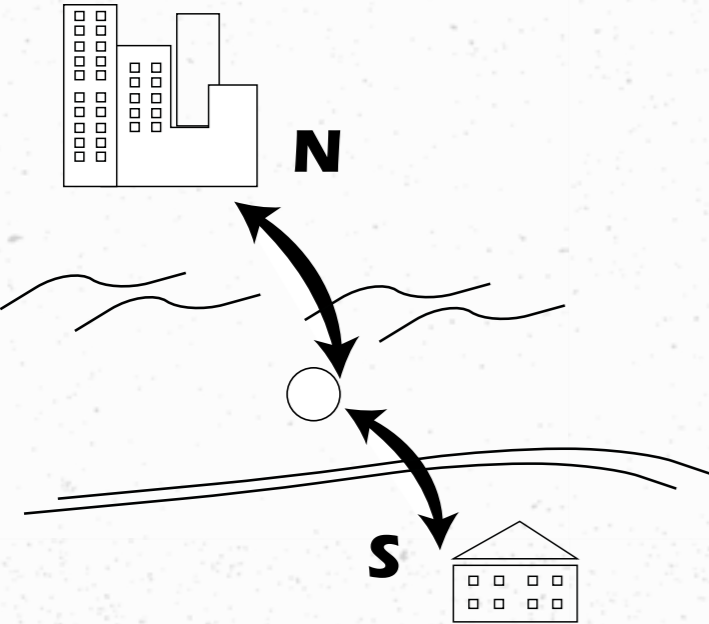
A NEW MUSEUM IN 2021



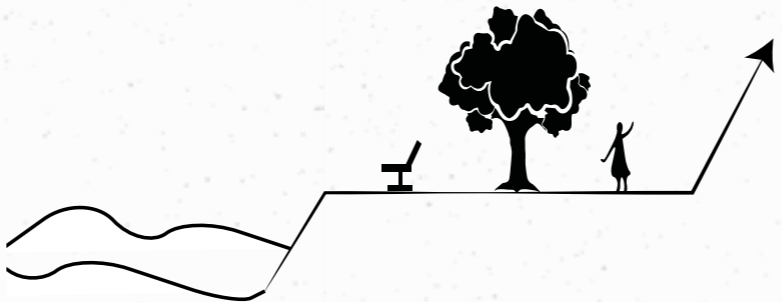
A NEW MUSEUM FOR MAASHAVEN ROTTERDAM



MAASHAVEN ROTTERDAM: RESEARCH



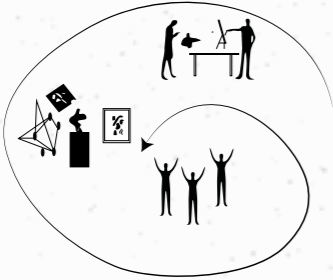
CONNECTION: • Improve (mental) connection of the North and South, water, and the neighbourhood



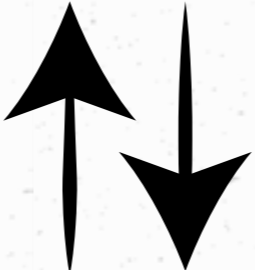
CITY: • Improve public outside space and the waterfront



HISTORY: • Water, Industrial, harbour, and producing



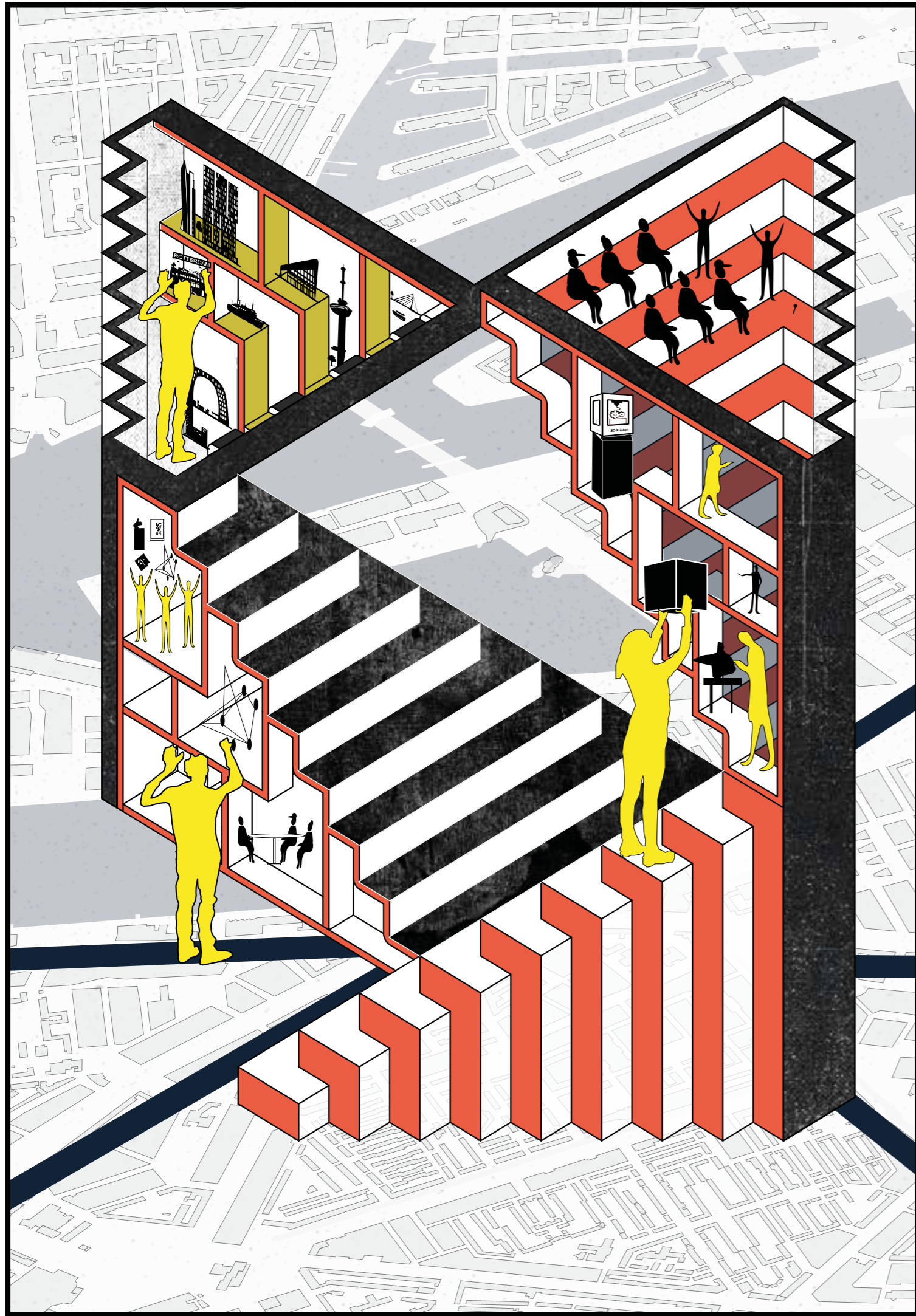
CULTURE: • Narrow the gap between high art and local culture



POWER: • Bottom-up tourism approach, Culture as representation.

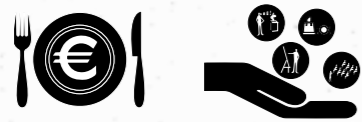


PEOPLE: • Increase neighbourhood opportunities

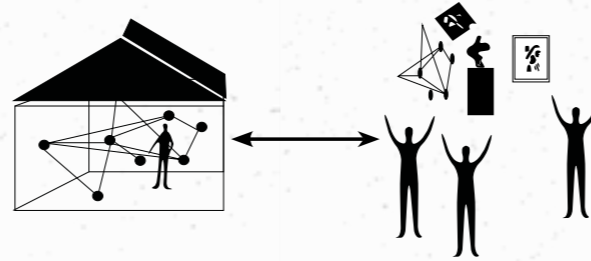


WHAT KIND OF
MUSEUM SHOULD
THIS BE....

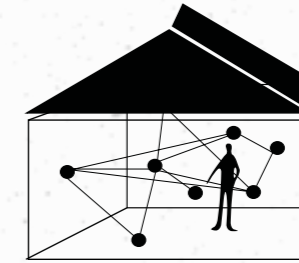
GOALL



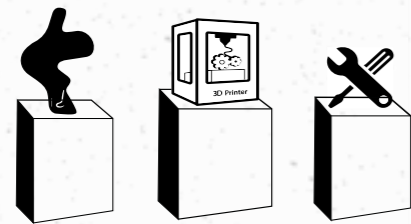
Co-offices, shop & dining in business model



New relationships



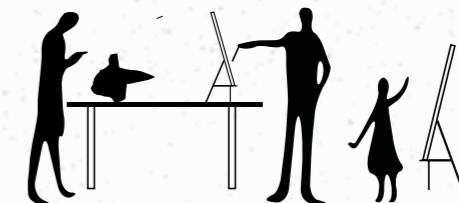
Participatory installation, art exhibition, sculptures, digital art, and interactive art



Learning new Techniques

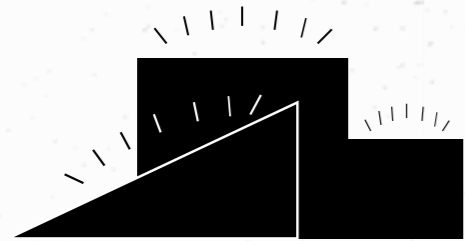


Space for event and art talks



Active experiences from visiting the art museum

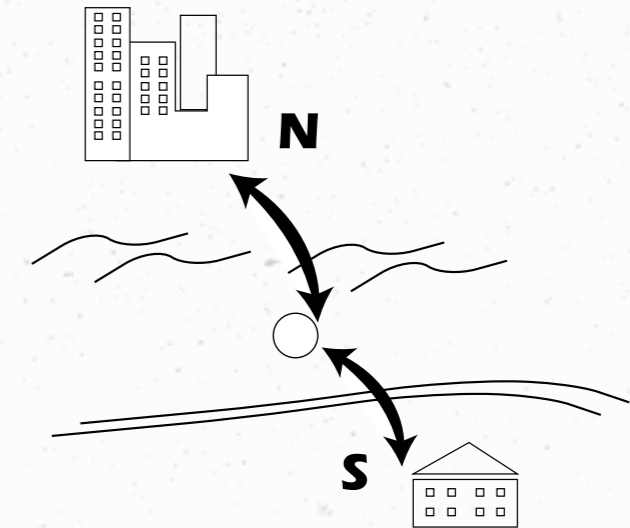
Design principles based on case studies and research



Active building or building as performance, accessible roof



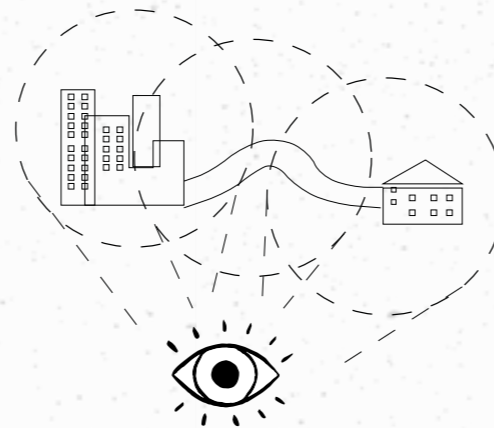
Reflect to the city's structure & history



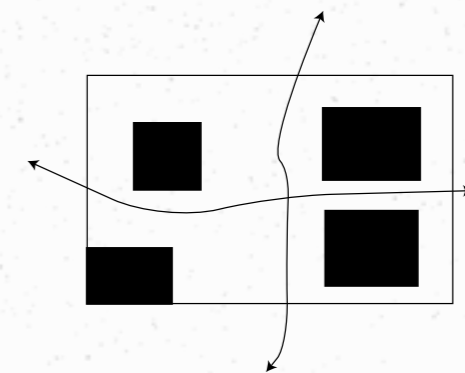
Connecting the North and South, water and the neighbourhood



Merging contemporary art disciplines



Transparency to/trough the building, N/S neighbourhood



Strong center point, open space of encounter, atrium/square, vertical or horizontal

GOALL

PARTICIPATORY ART

THE DESIGN CONCEPT

THE SITE

SITE SECTIONS

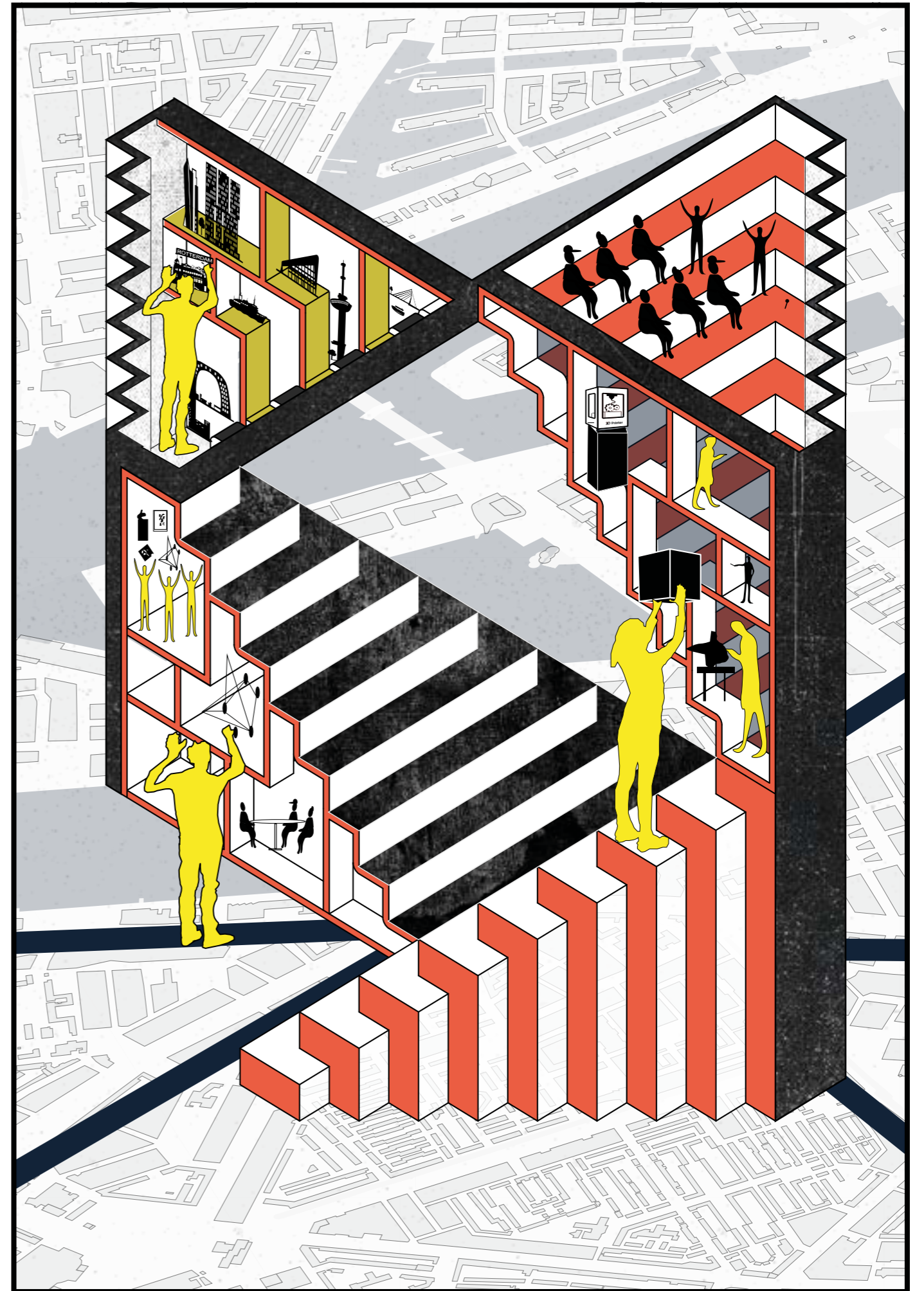
THE BUILDING

BUILDING ELEMENTS

CLIMATE

BUILDING IN DETAILS

ACTIVE MUSEUM OF ART



PARTICIPATION IN ART

PARTICIPATORY ART

Sculpture & Installation: Bliss / The kiss



PARTICIPATORY ART

Digital Interaction: Participation TV



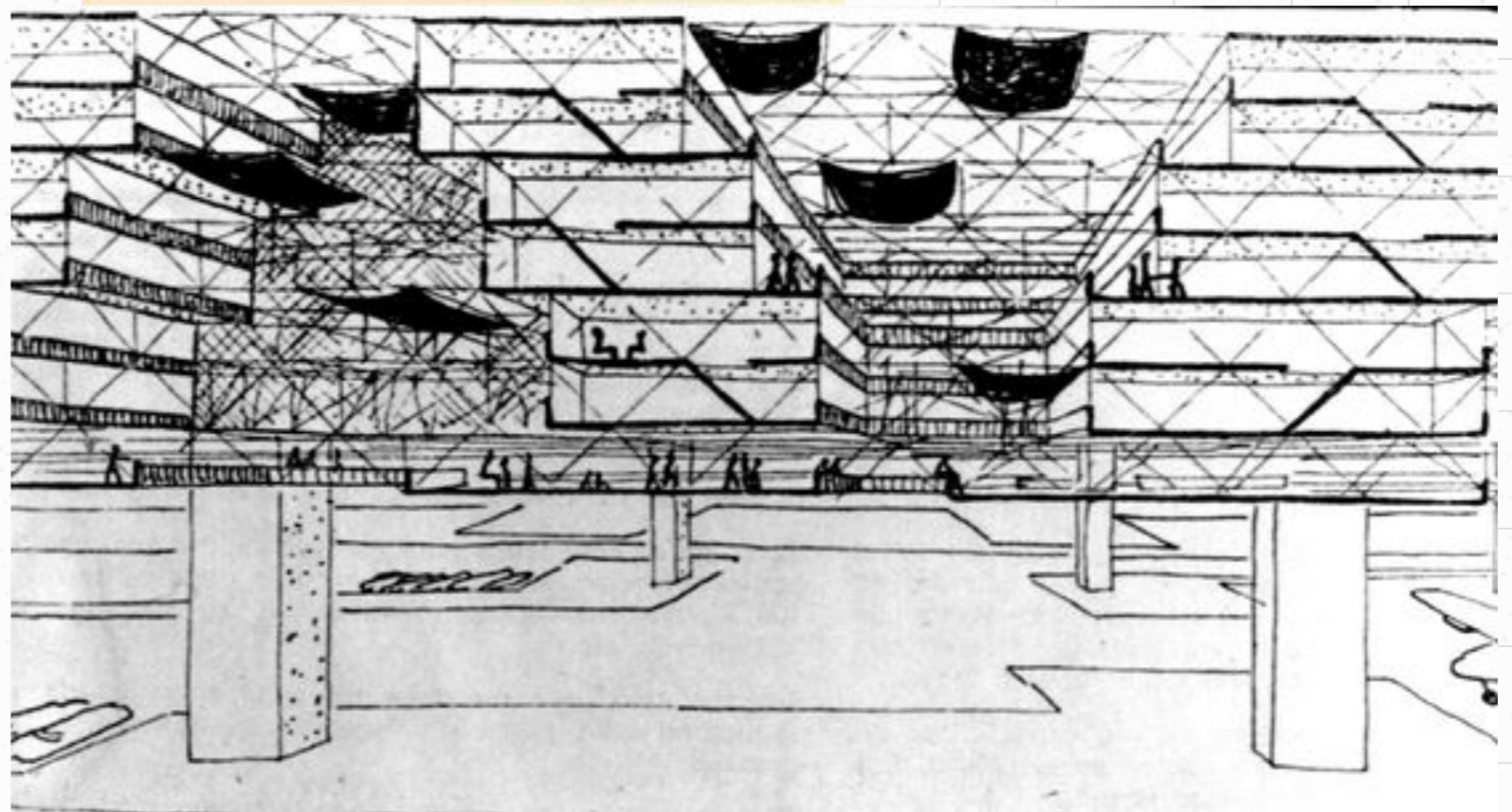
PARTICIPATORY ART

Co-creation: Indiosycotische knip machine



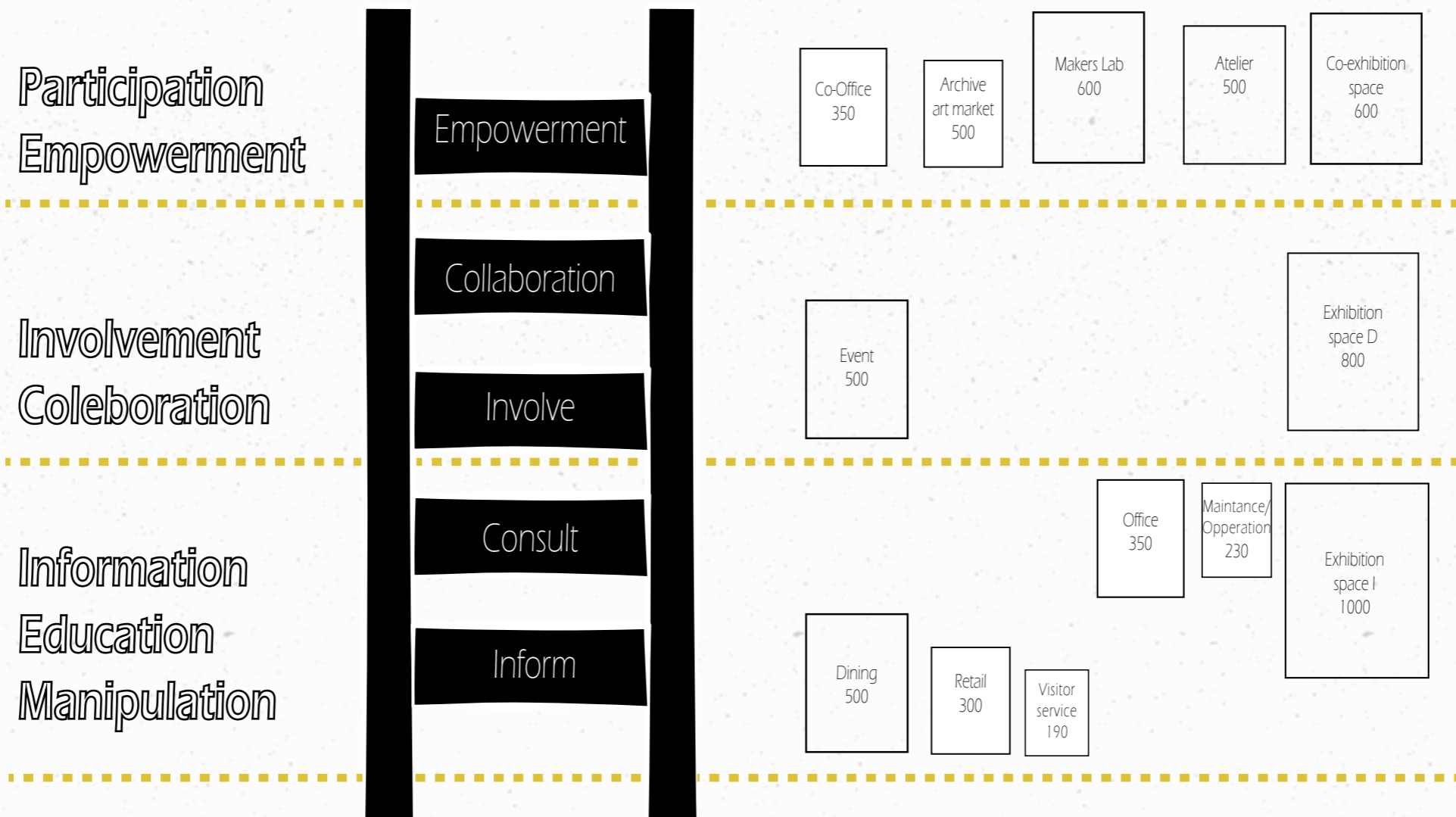
PARTICIPATORY ART

Architecture: the favela & sculpting the void



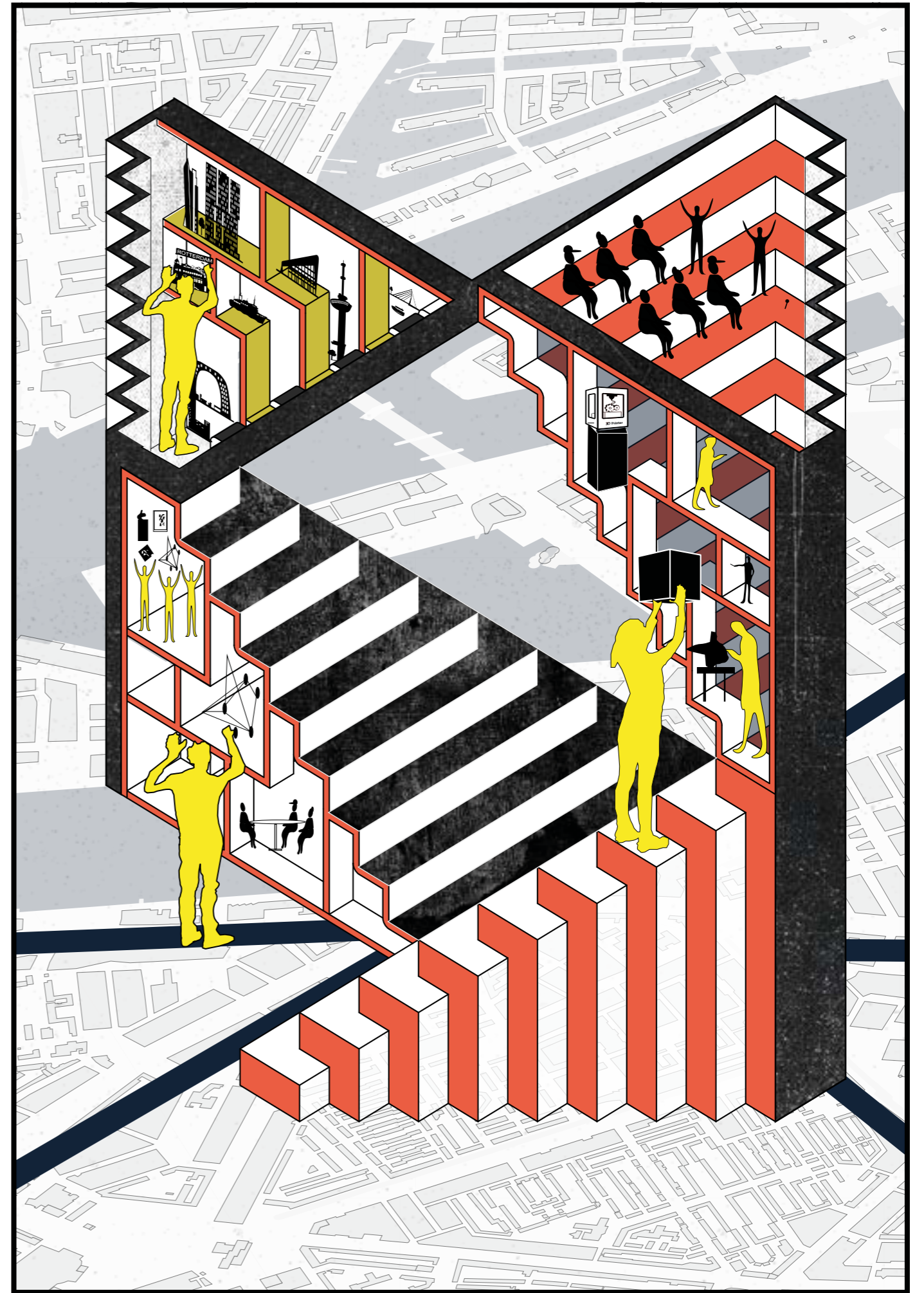
PARTICIPATORY ART

The ladder of Participation



GOALL
PARTICIPATORY ART
THE DESIGN CONCEPT

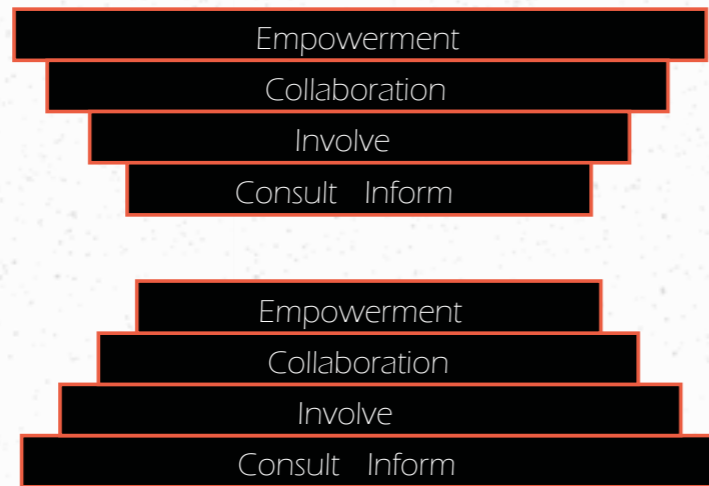
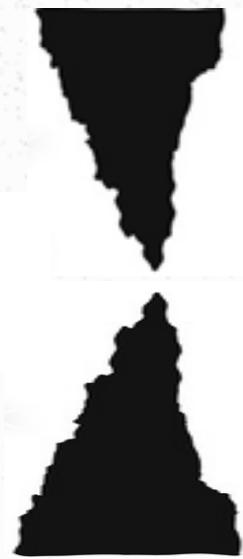
THE SITE
SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
BUILDING IN DETAILS
ACTIVE MUSEUM OF ART



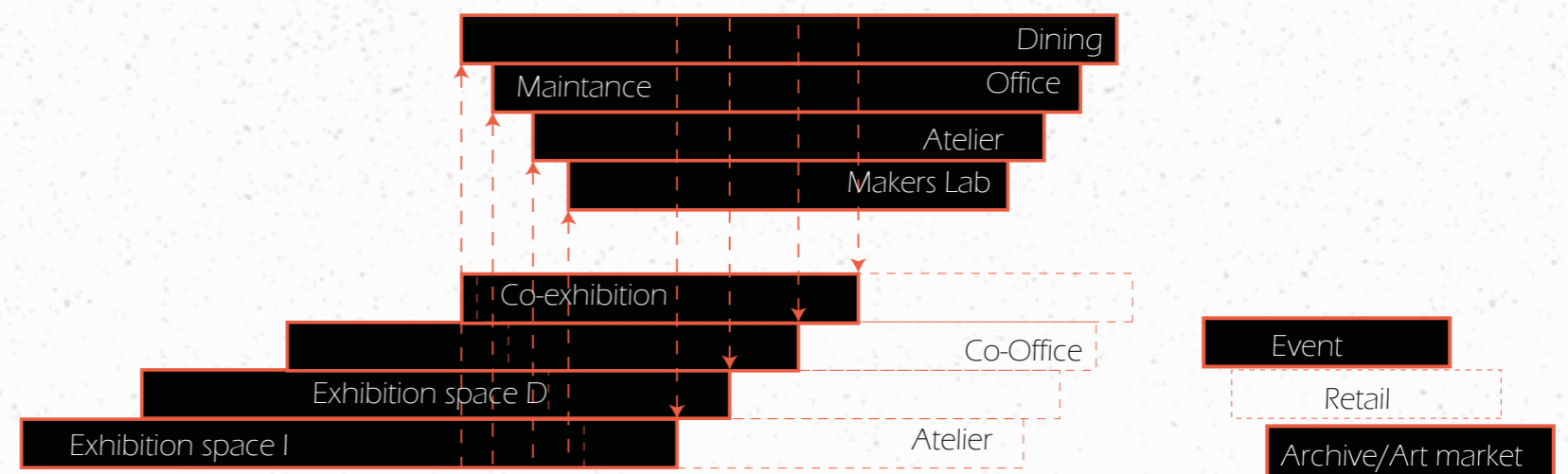
THE DESIGN CONCEPT

Participation in this museum

Top down-Bottom up

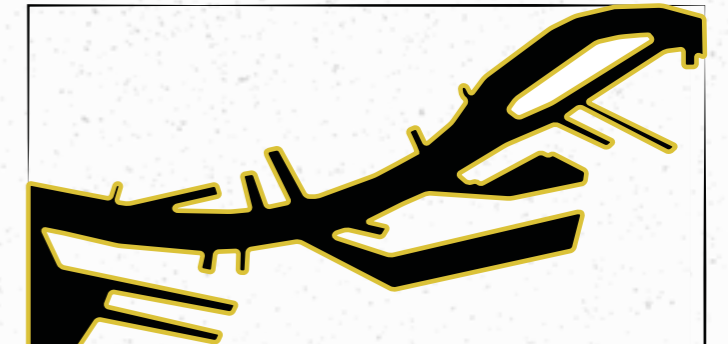
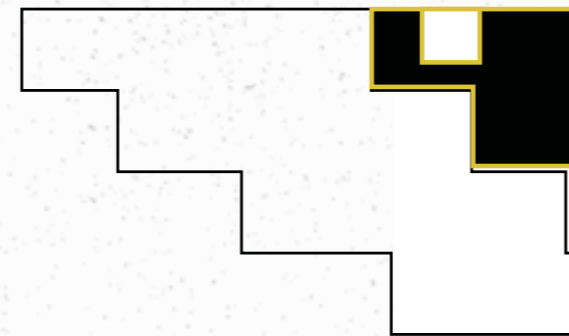
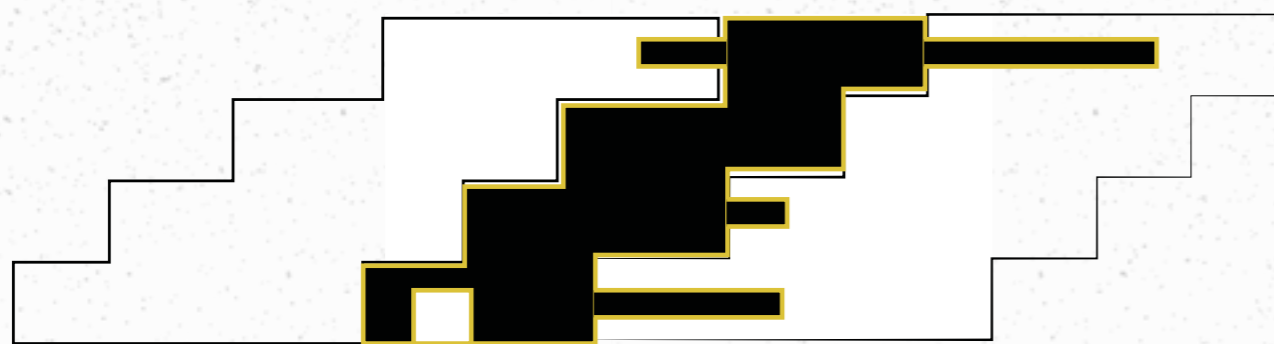


Program divided based on level of participation



THE DESIGN CONCEPT

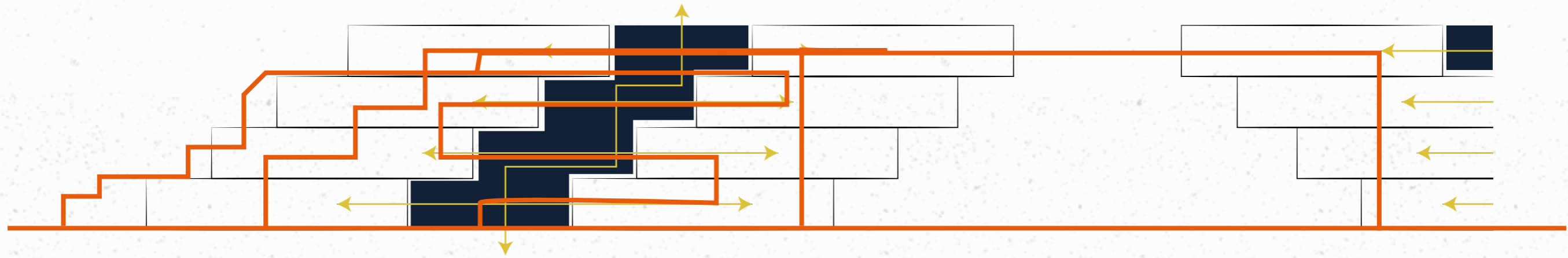
Reflecting the city



Three floating volumes reflecting the river

THE DESIGN CONCEPT

Connecting platforms

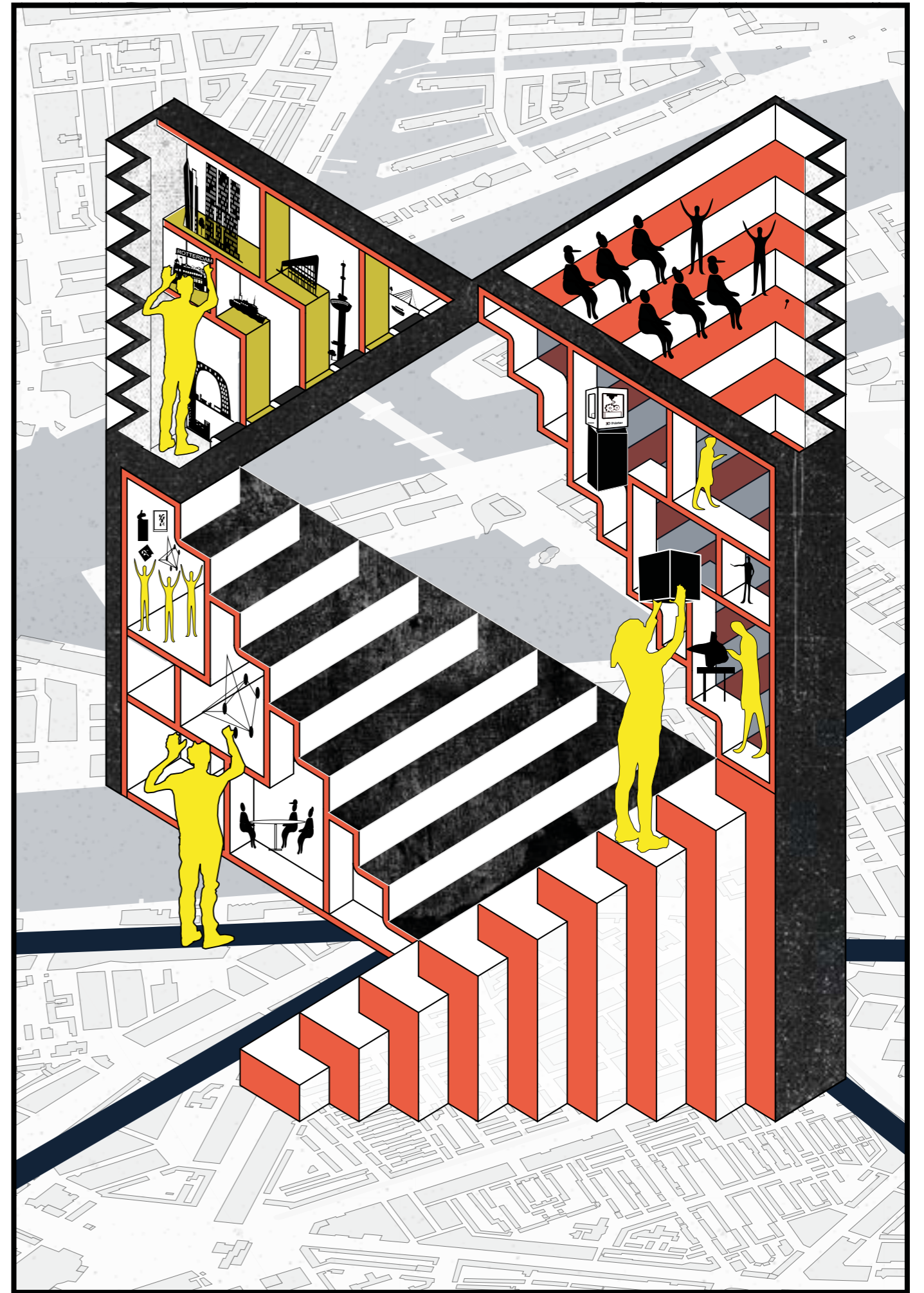


The volumes connected through art platforms

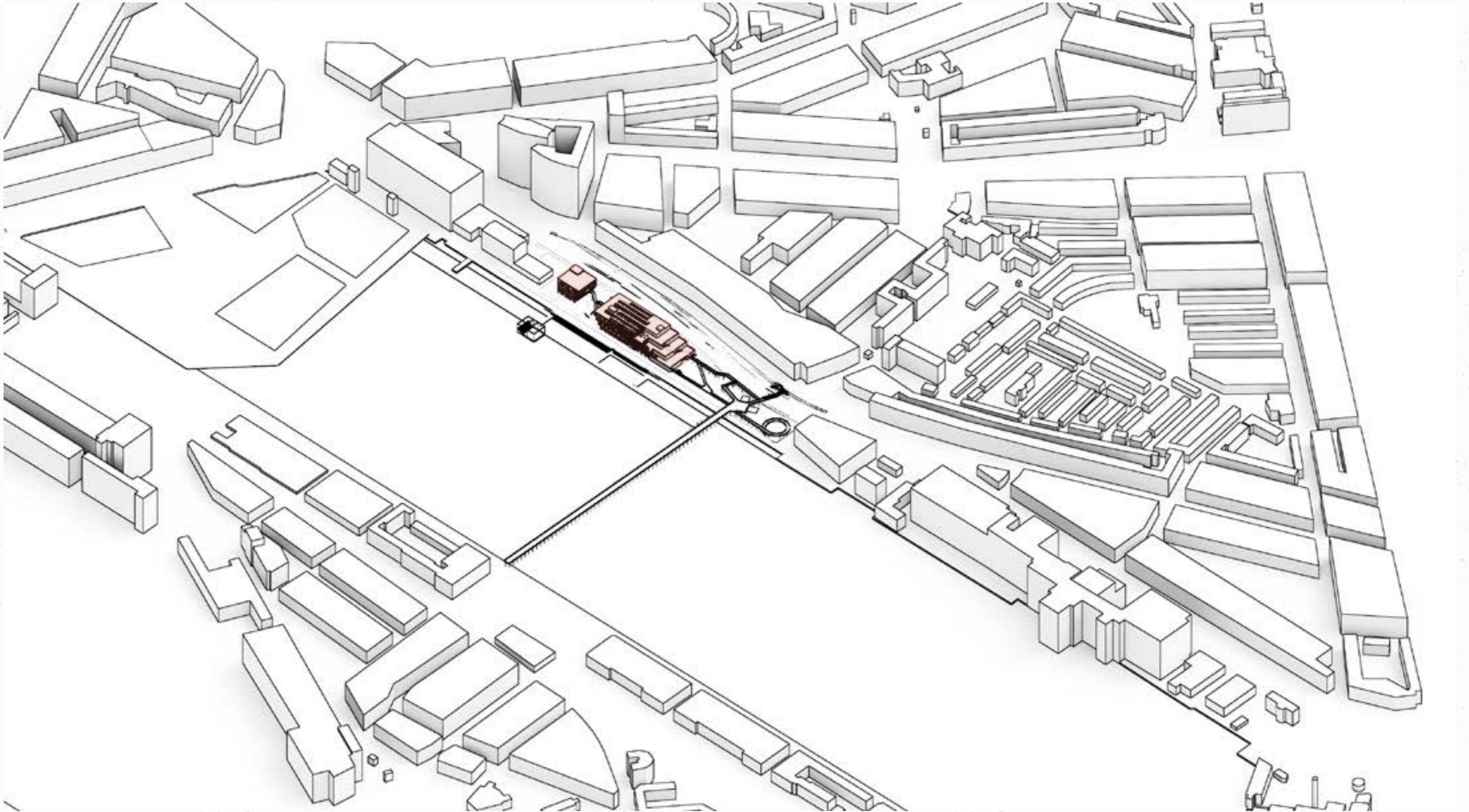
GOALL
PARTICIPATORY ART
THE DESIGN CONCEPT

THE SITE

SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
BUILDING IN DETAILS
ACTIVE MUSEUM OF ART

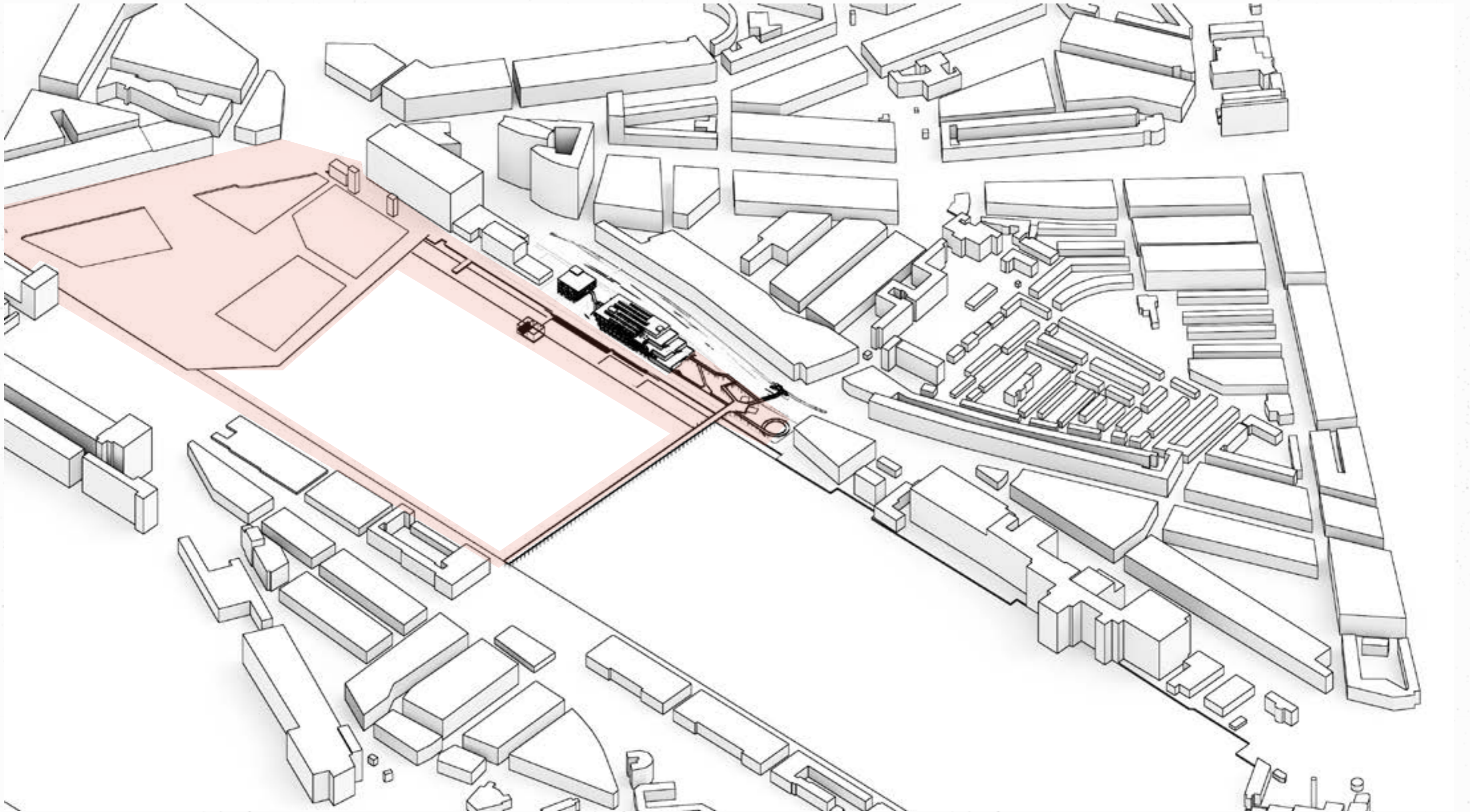


THE SITE



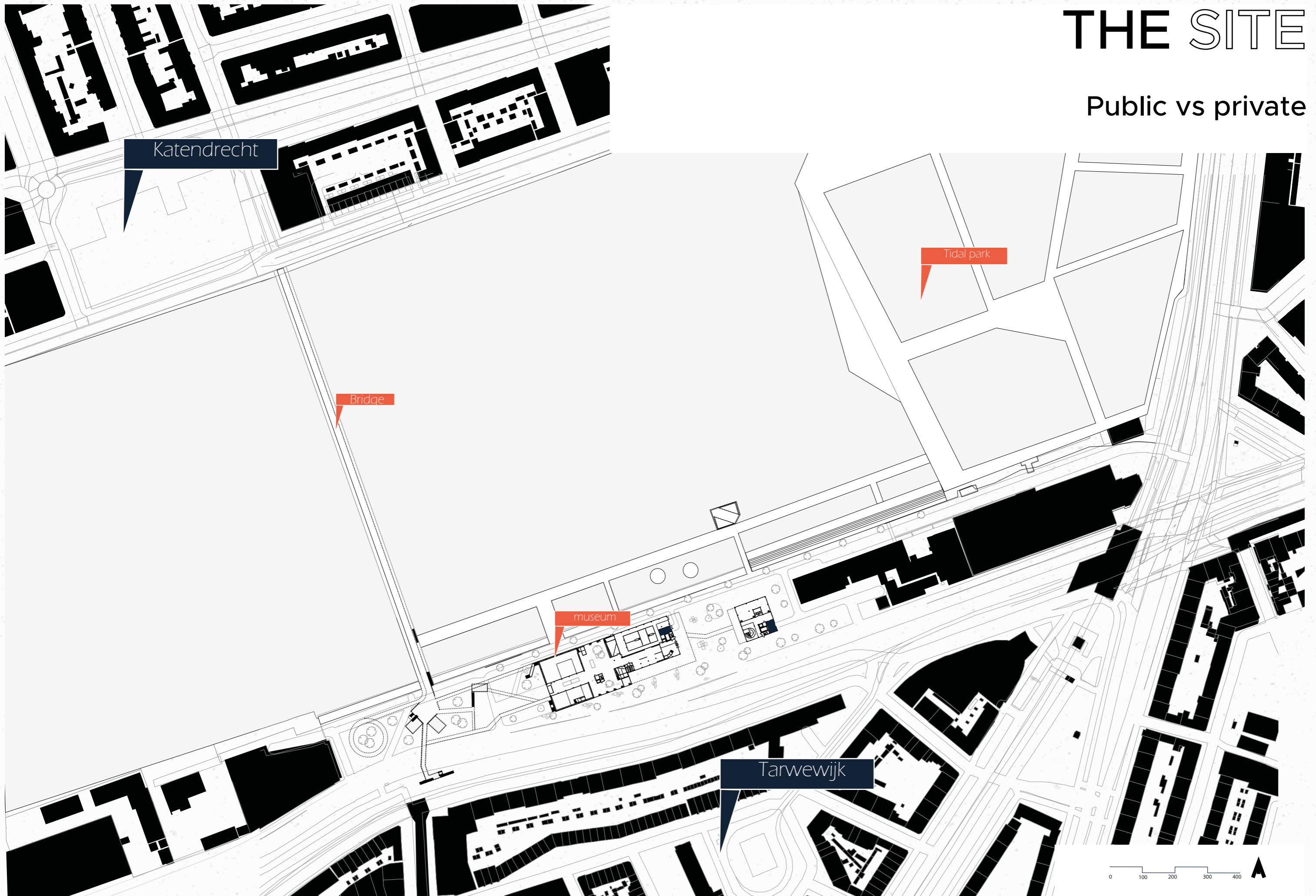
THE SITE

In the context



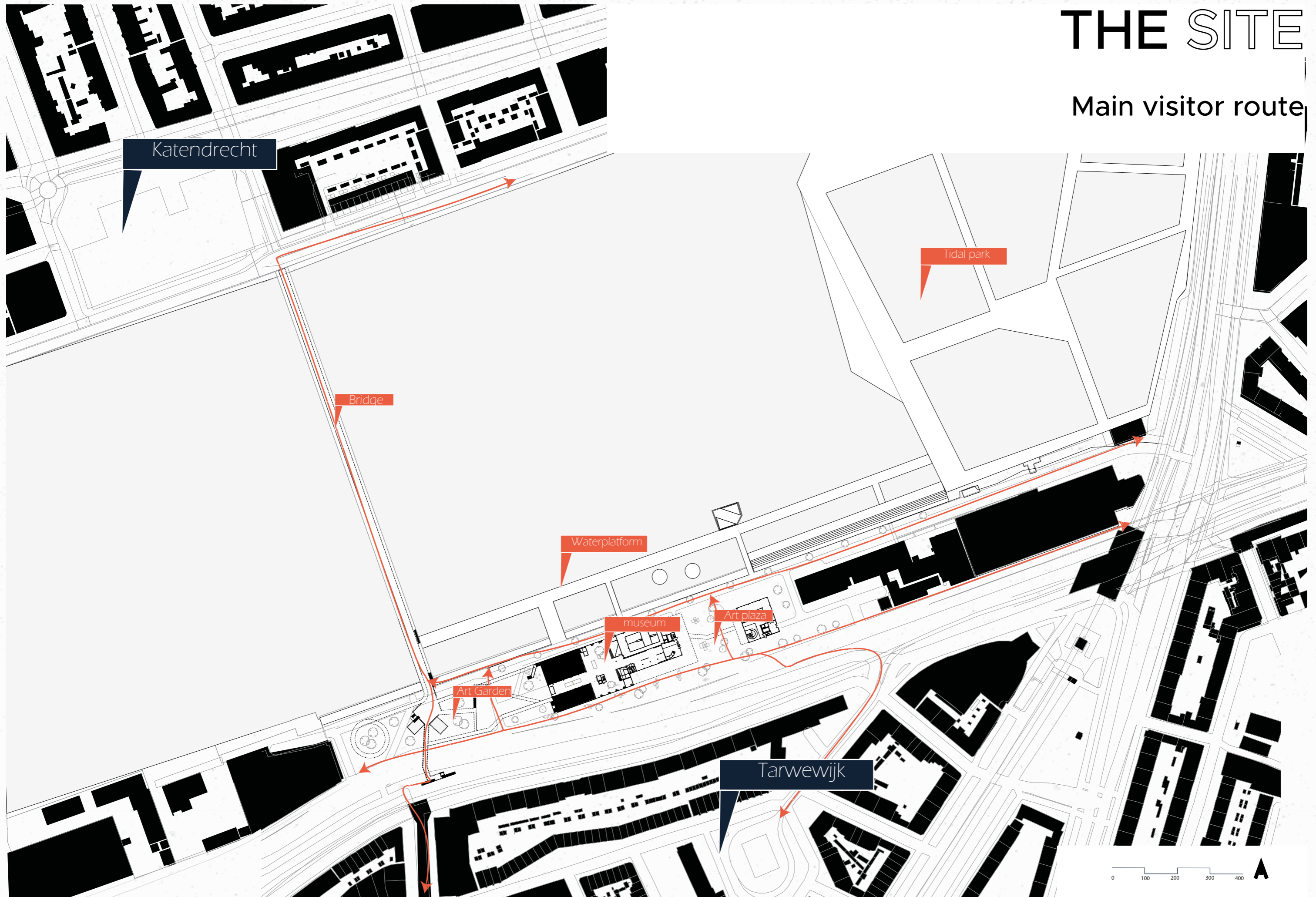
THE SITE

Public vs private



THE SITE

Main visitor route



THE SITE

Visitor routes



THE SITE

Helicopter view



THE SITE

South/West impression



THE SITE

South/East impression



THE SITE

East impression



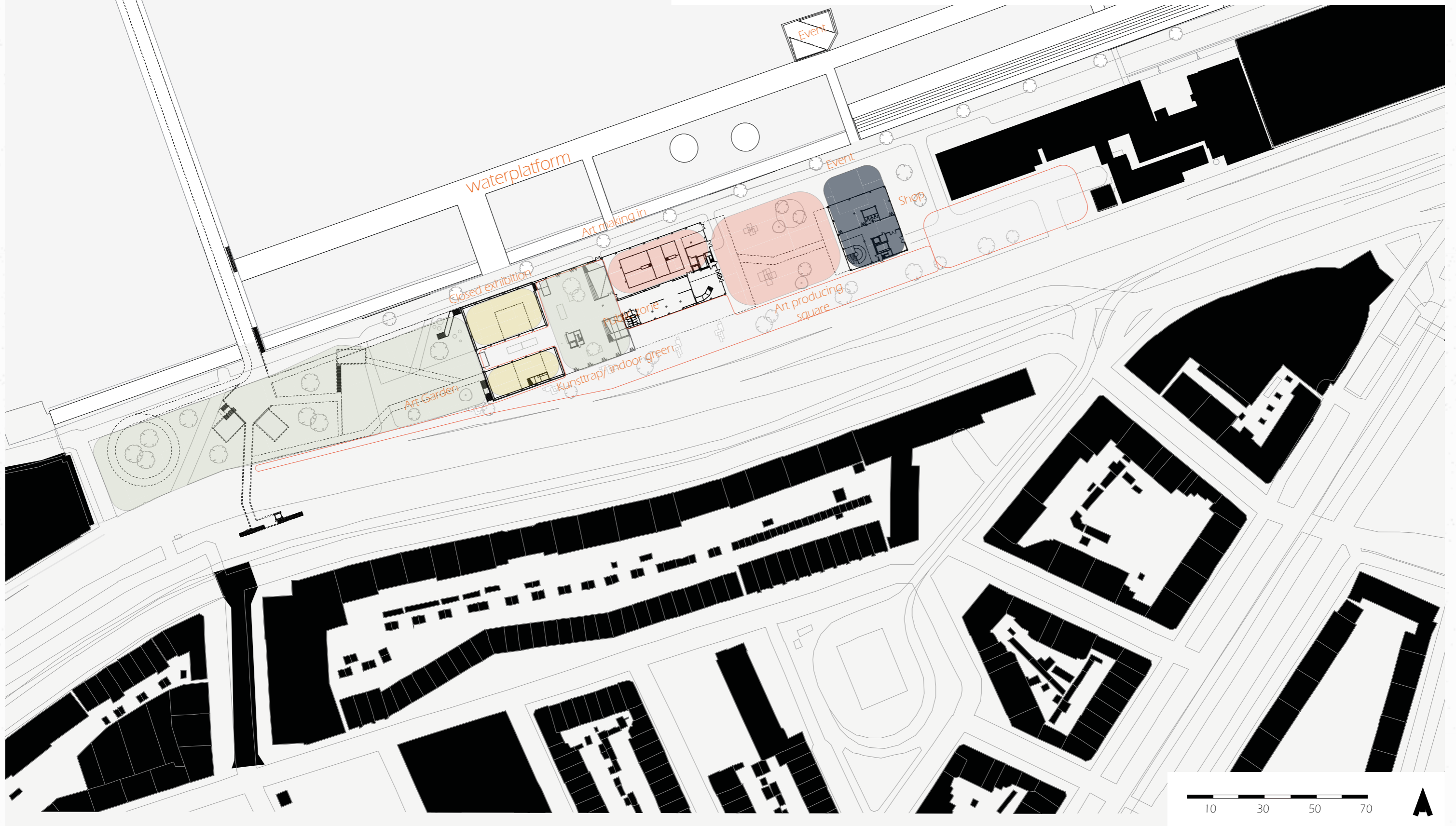
THE SITE

North/East impression



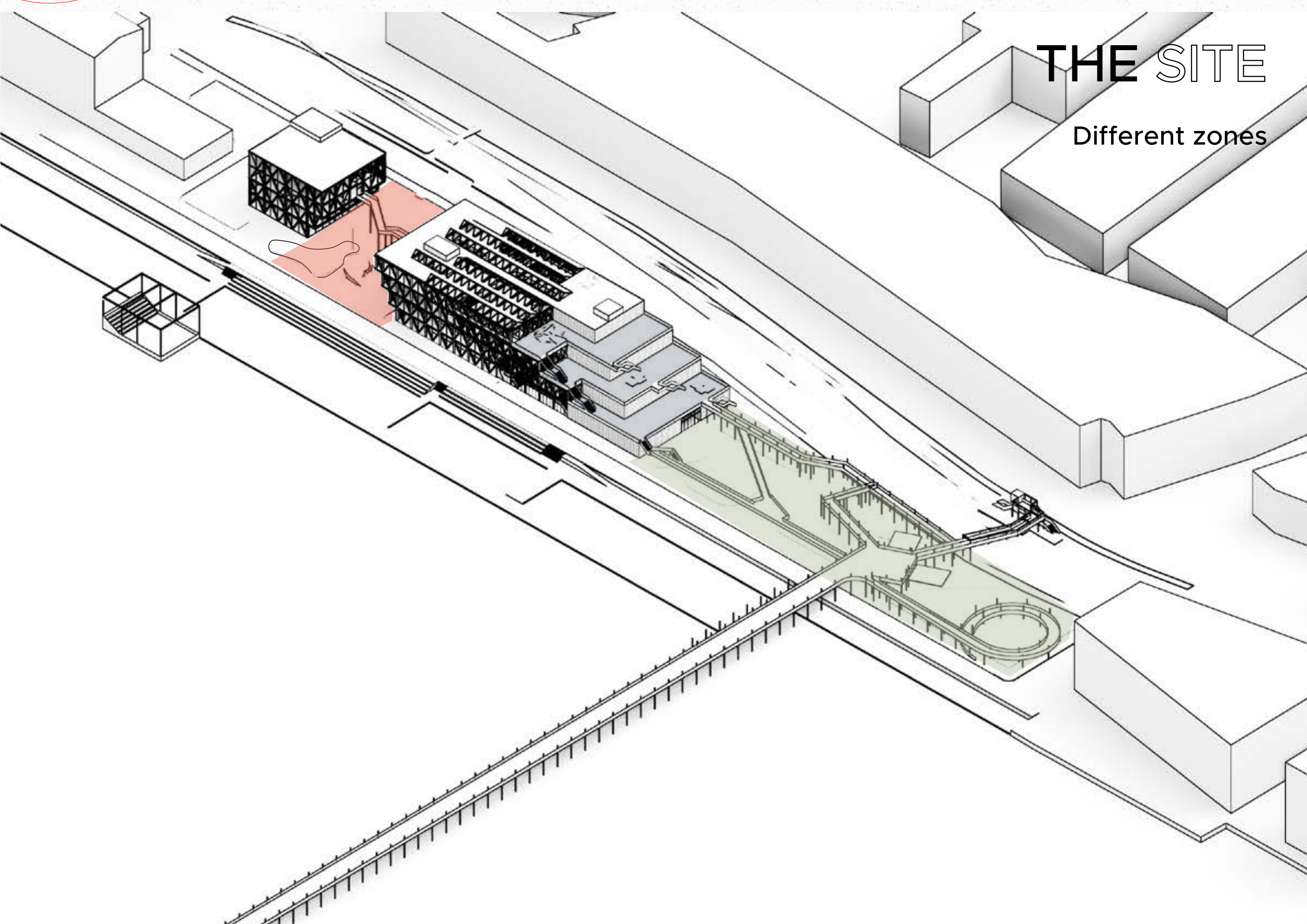
THE SITE

The zones



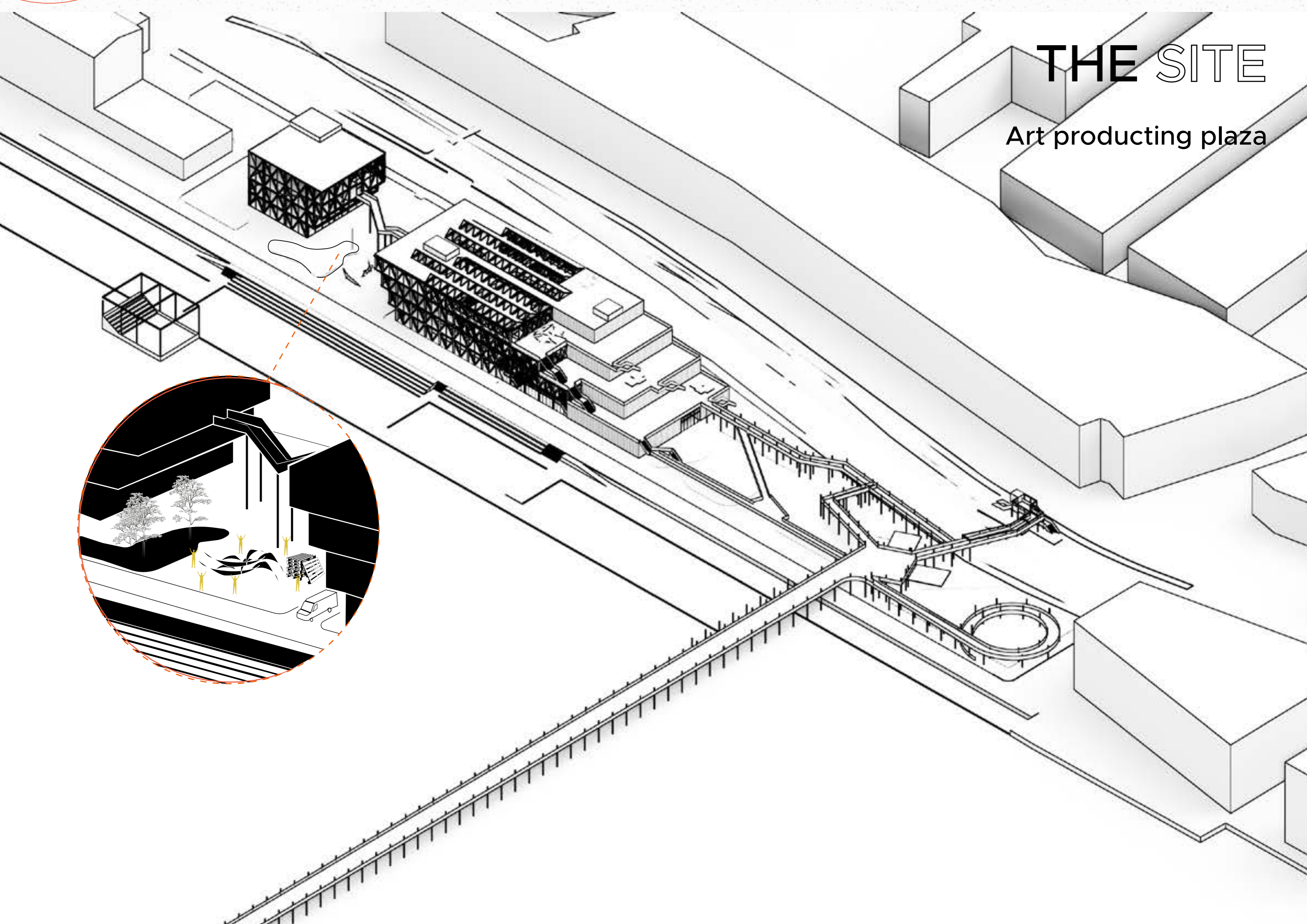
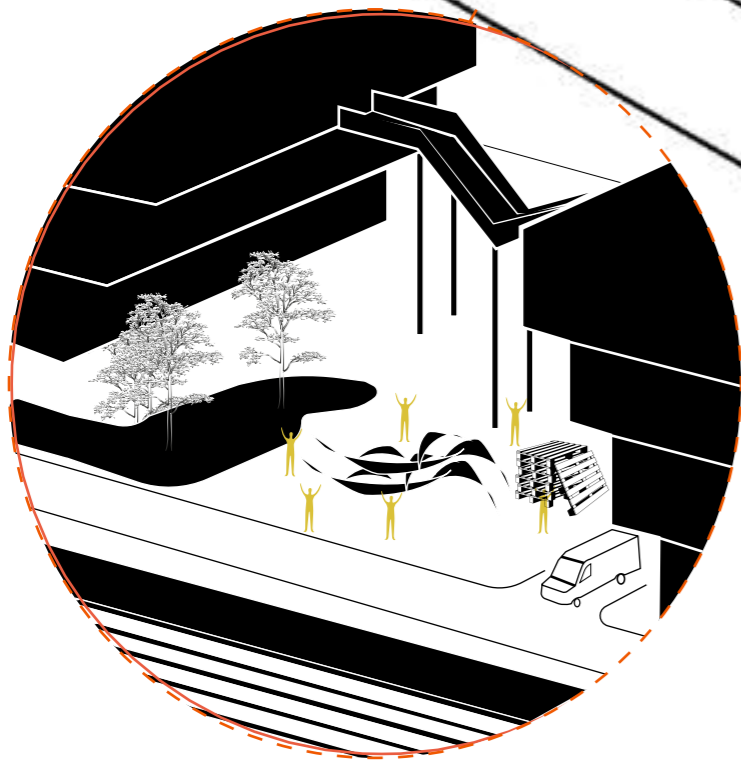
THE SITE

Different zones



THE SITE

Art producing plaza



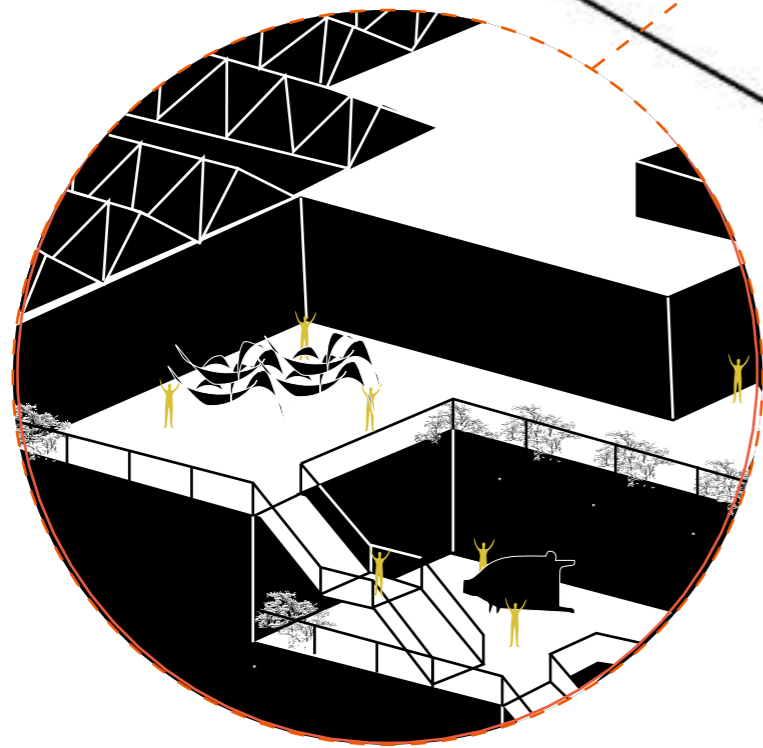
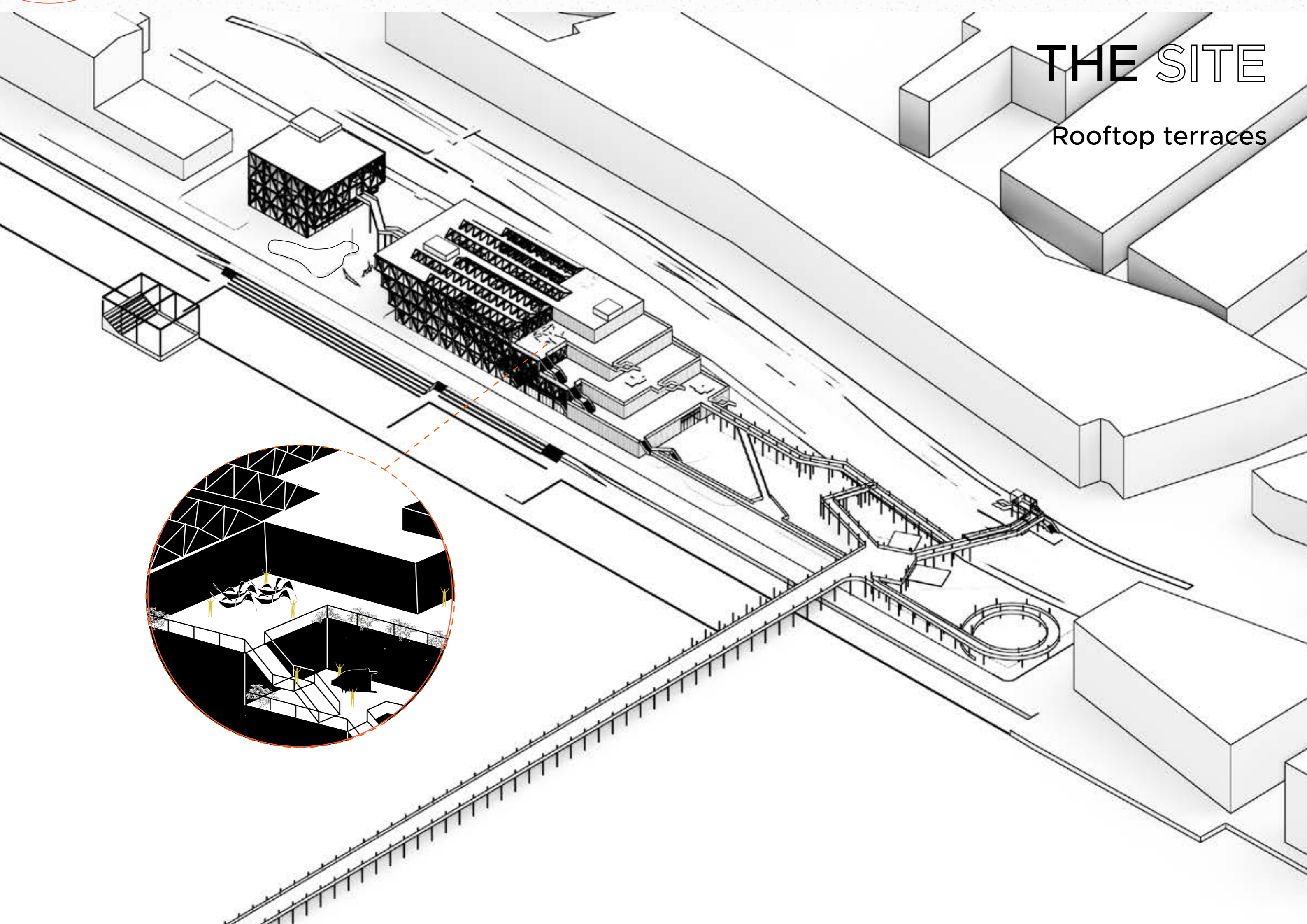
THE SITE

Art producing plaza impression



THE SITE

Rooftop terraces



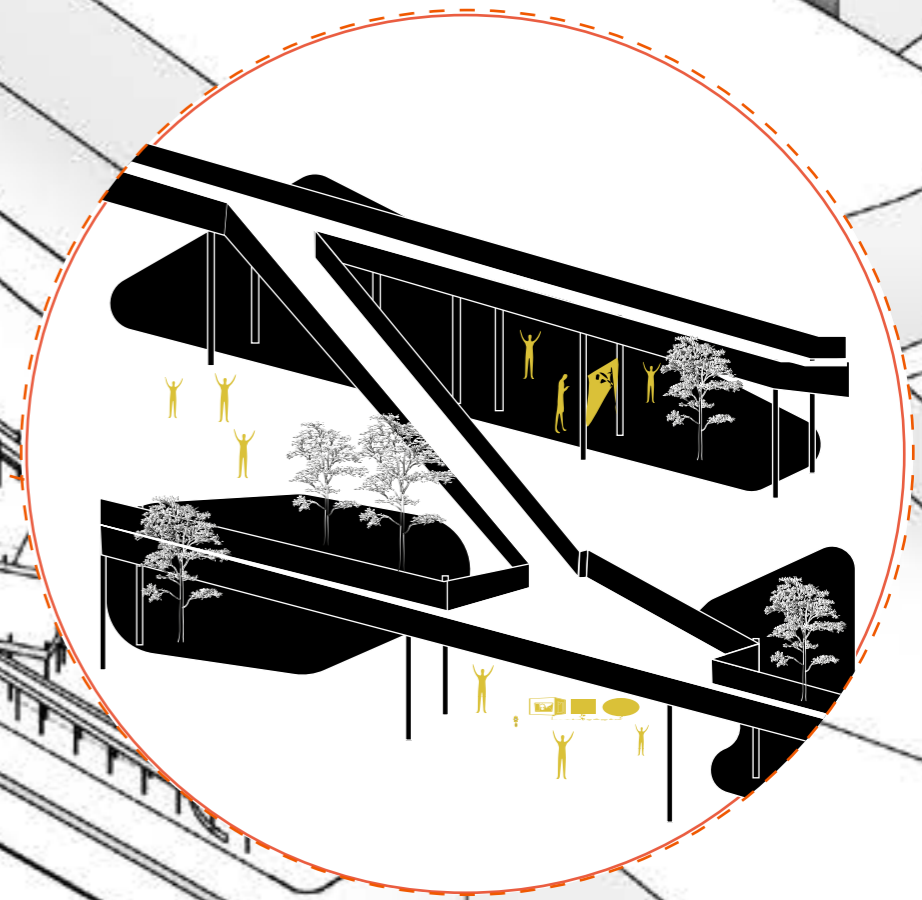
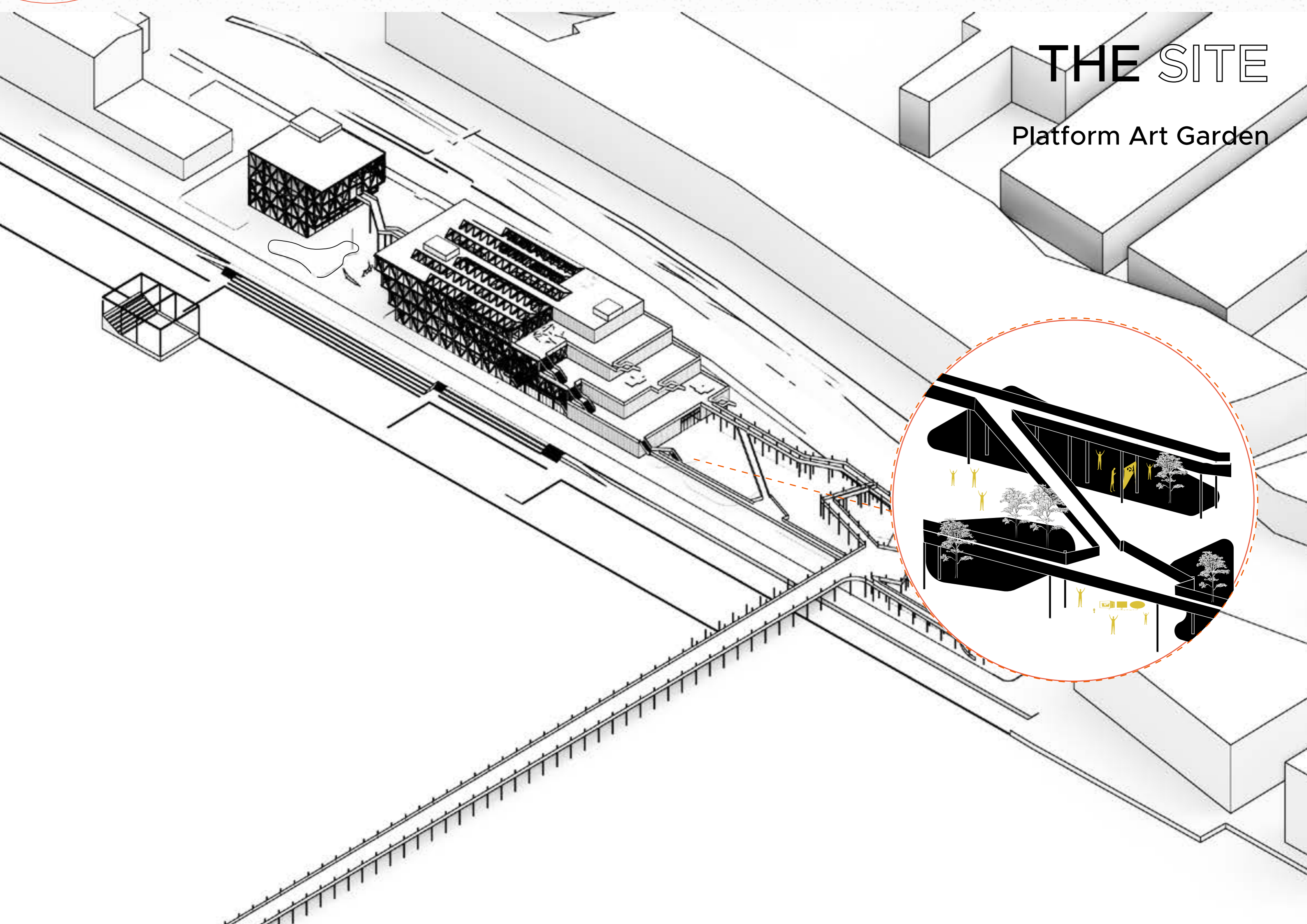
THE SITE

Rooftop terraces impression



THE SITE

Platform Art Garden

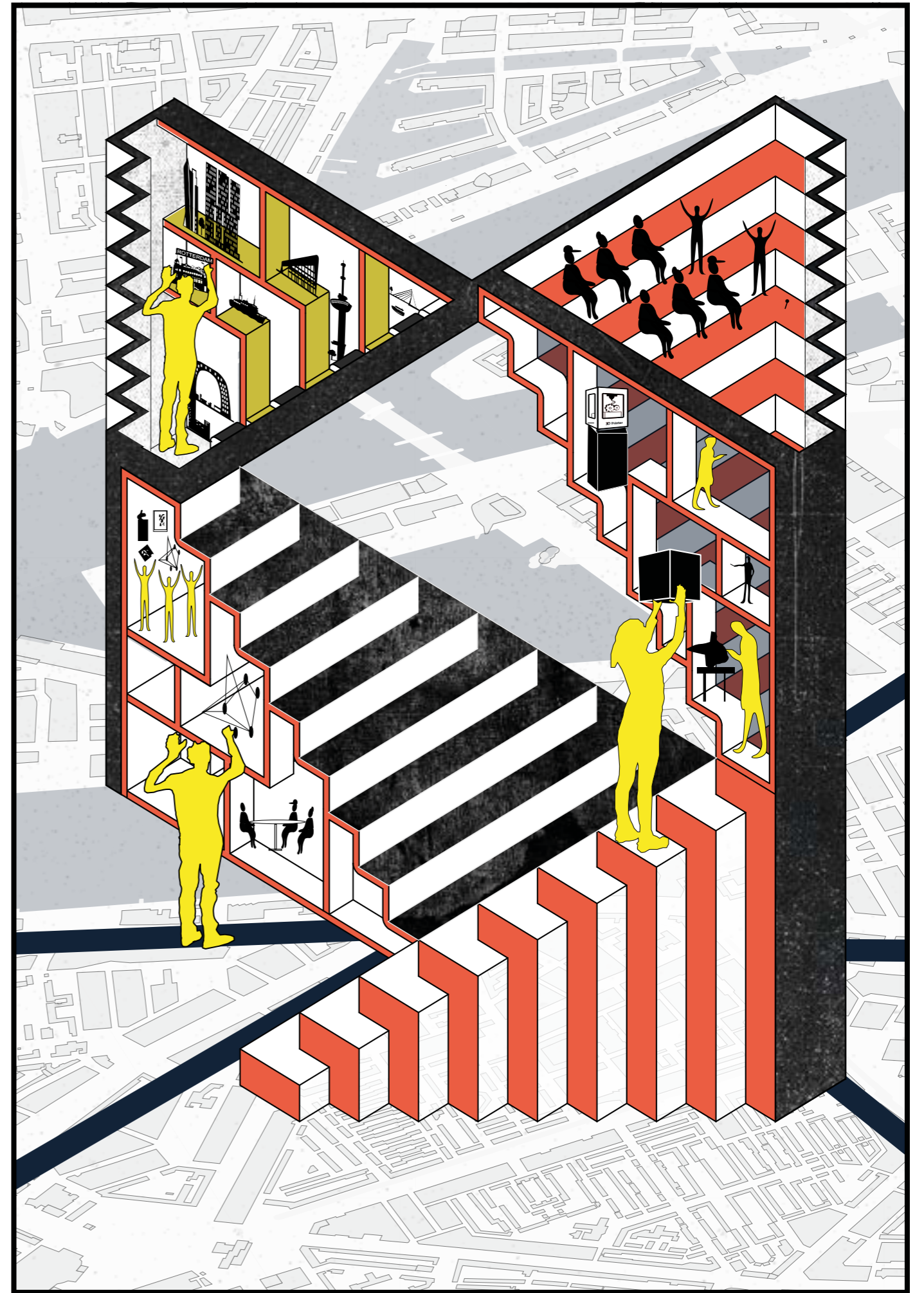


THE SITE

Platform Art Garden

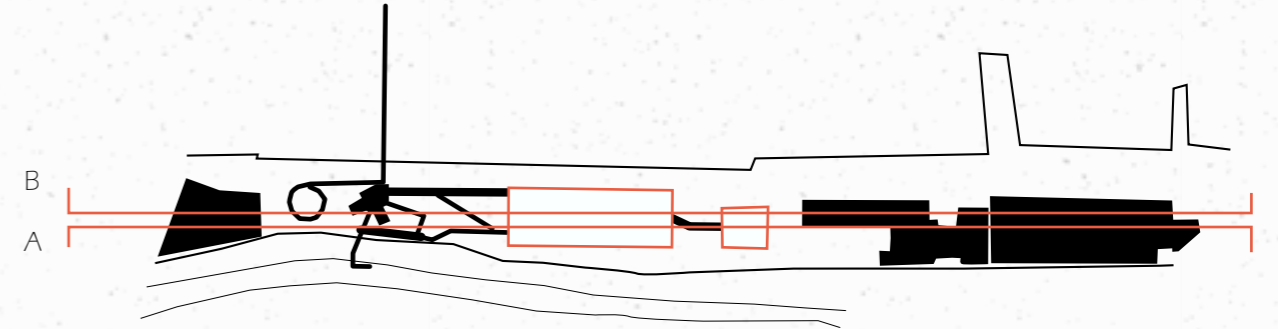


GOALL
PARTICIPATORY ART
THE DESIGN CONCEPT
THE SITE
SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
BUILDING IN DETAILS
ACTIVE MUSEUM OF ART

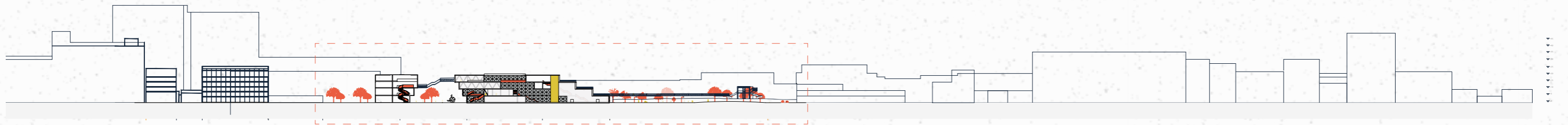


SITE SECTIONS

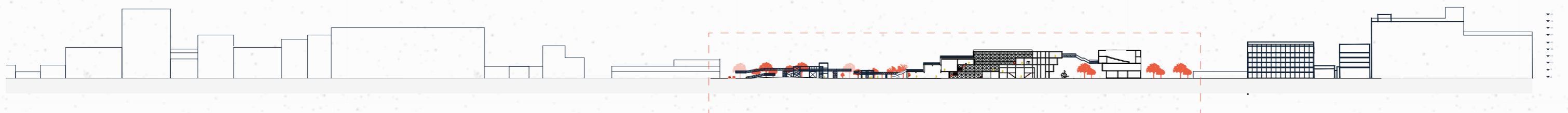
In the context



A. From the waterside

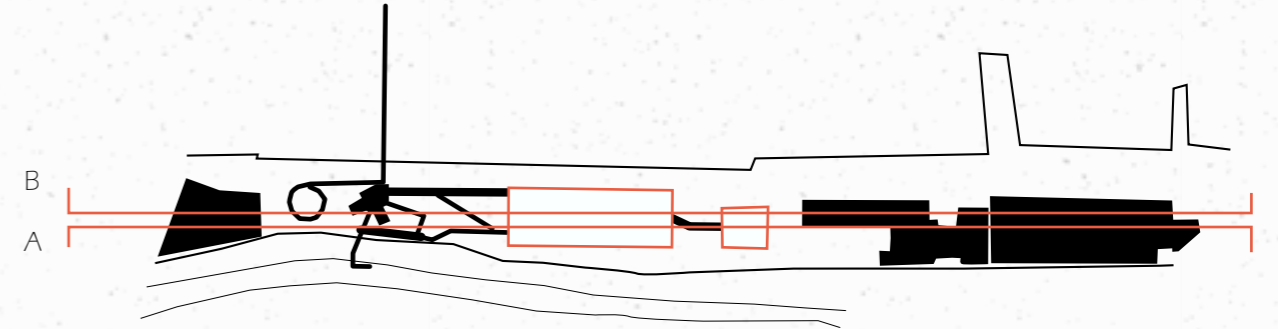


B. From the Briesselaan

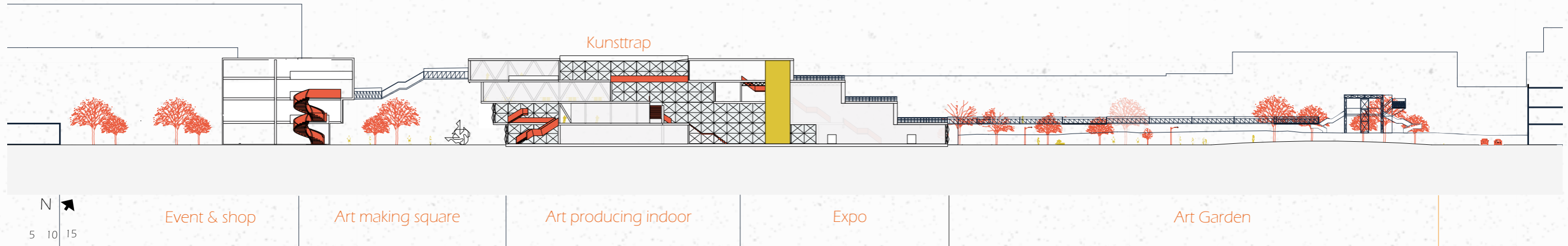


SITE SECTIONS

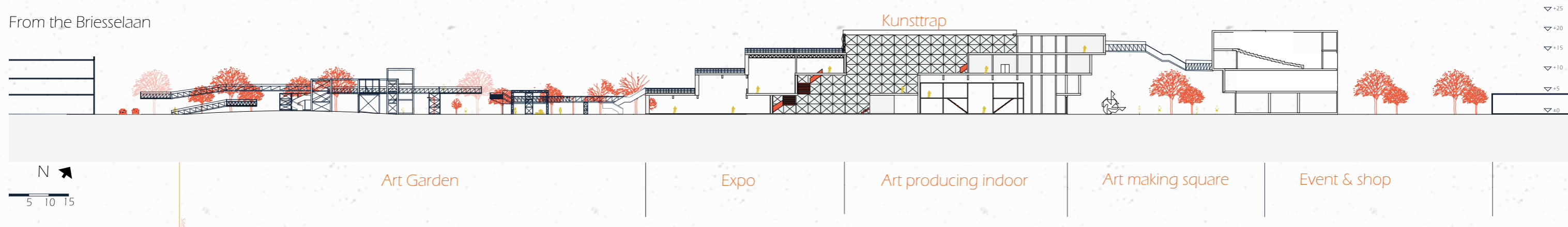
Zoomed to location



From the waterside

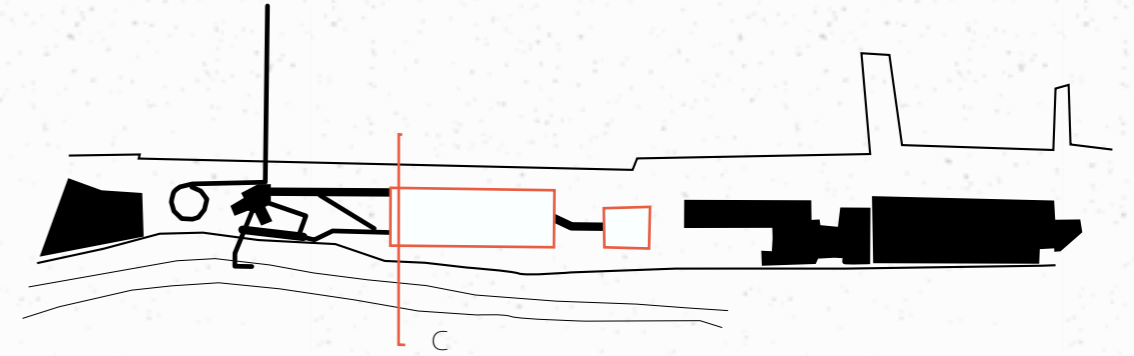


From the Briesselaan



SITE SECTIONS

Zoomed to location

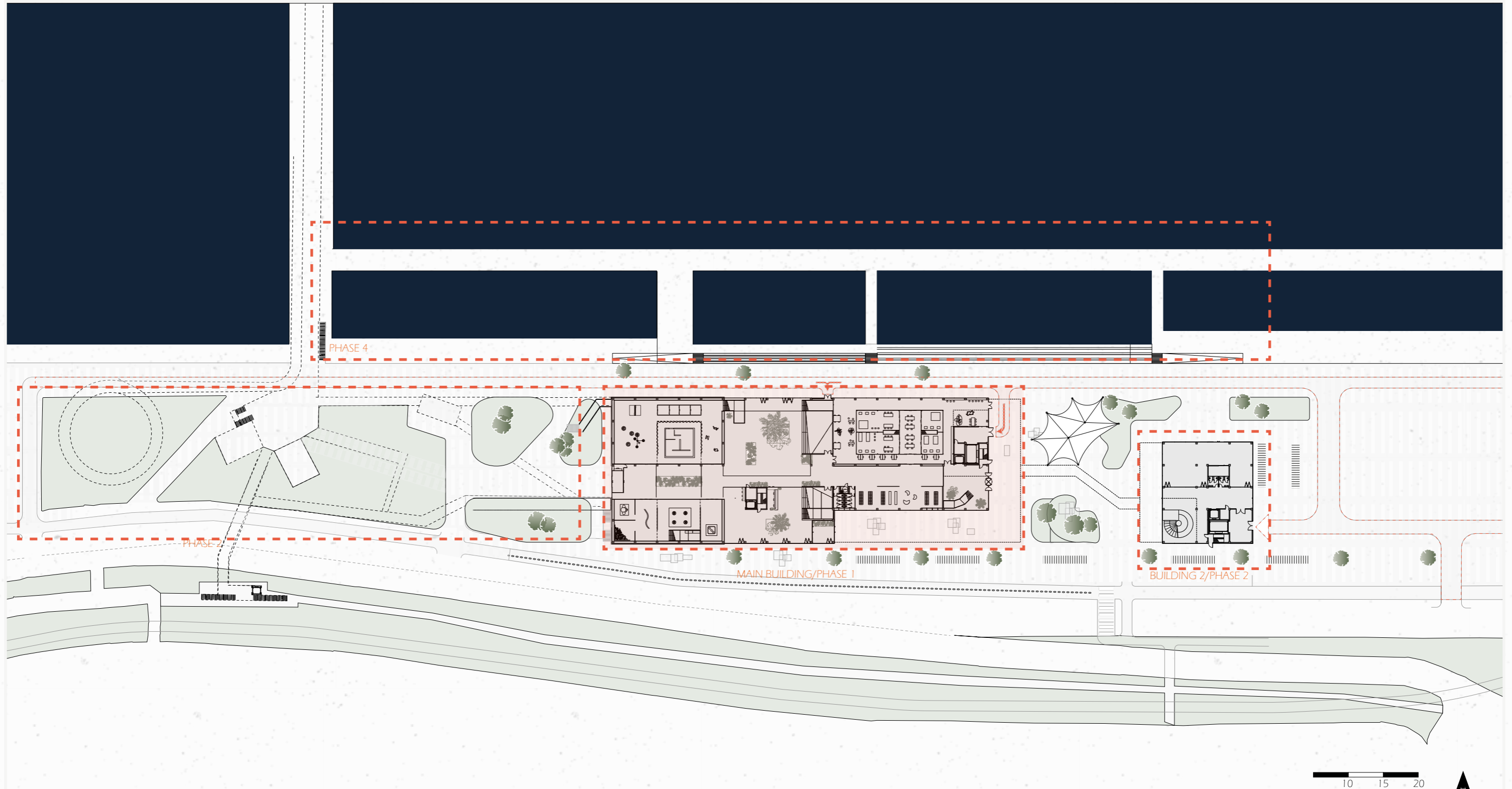


From the east side

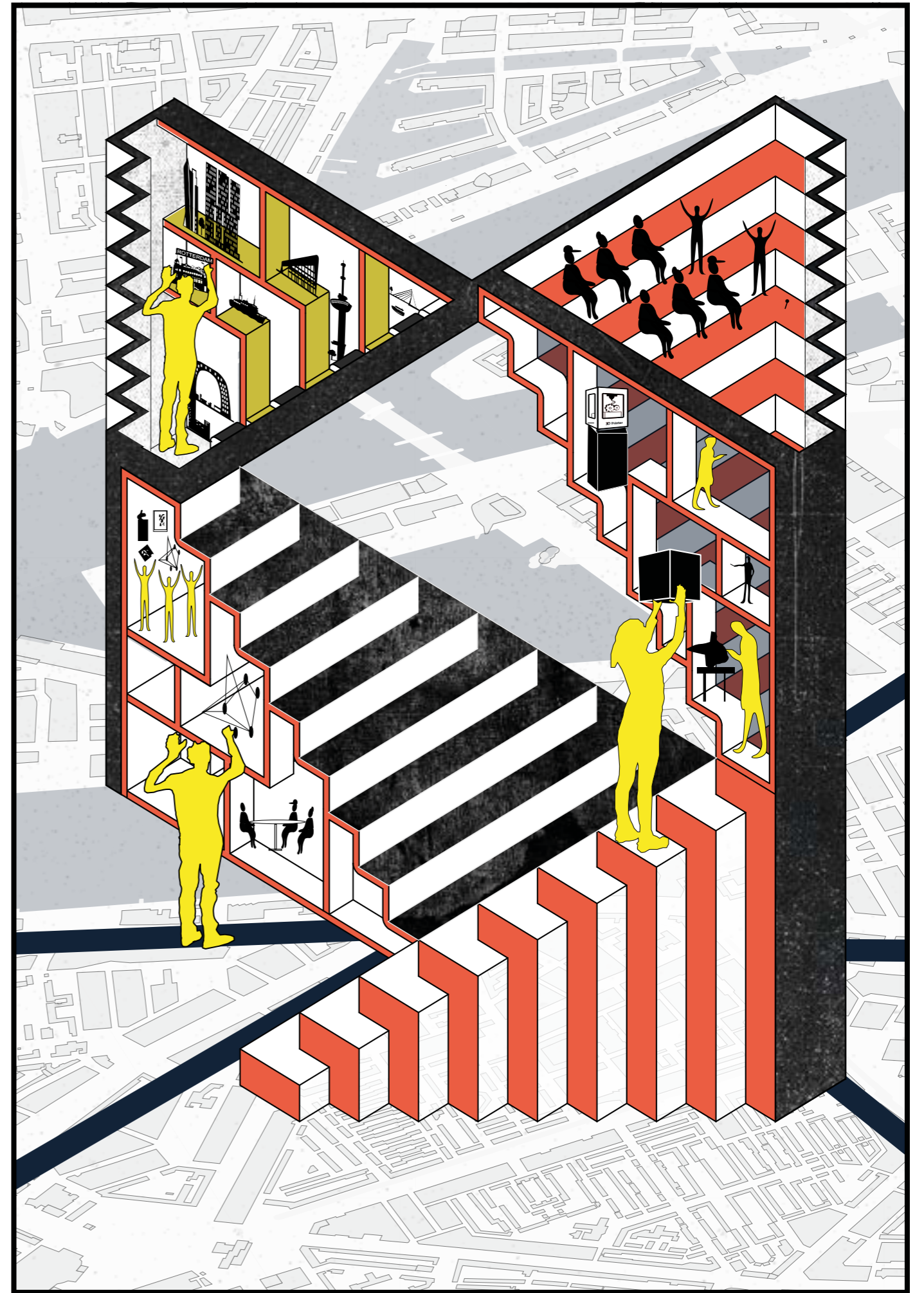


THE BUILDING

From the site to the inside

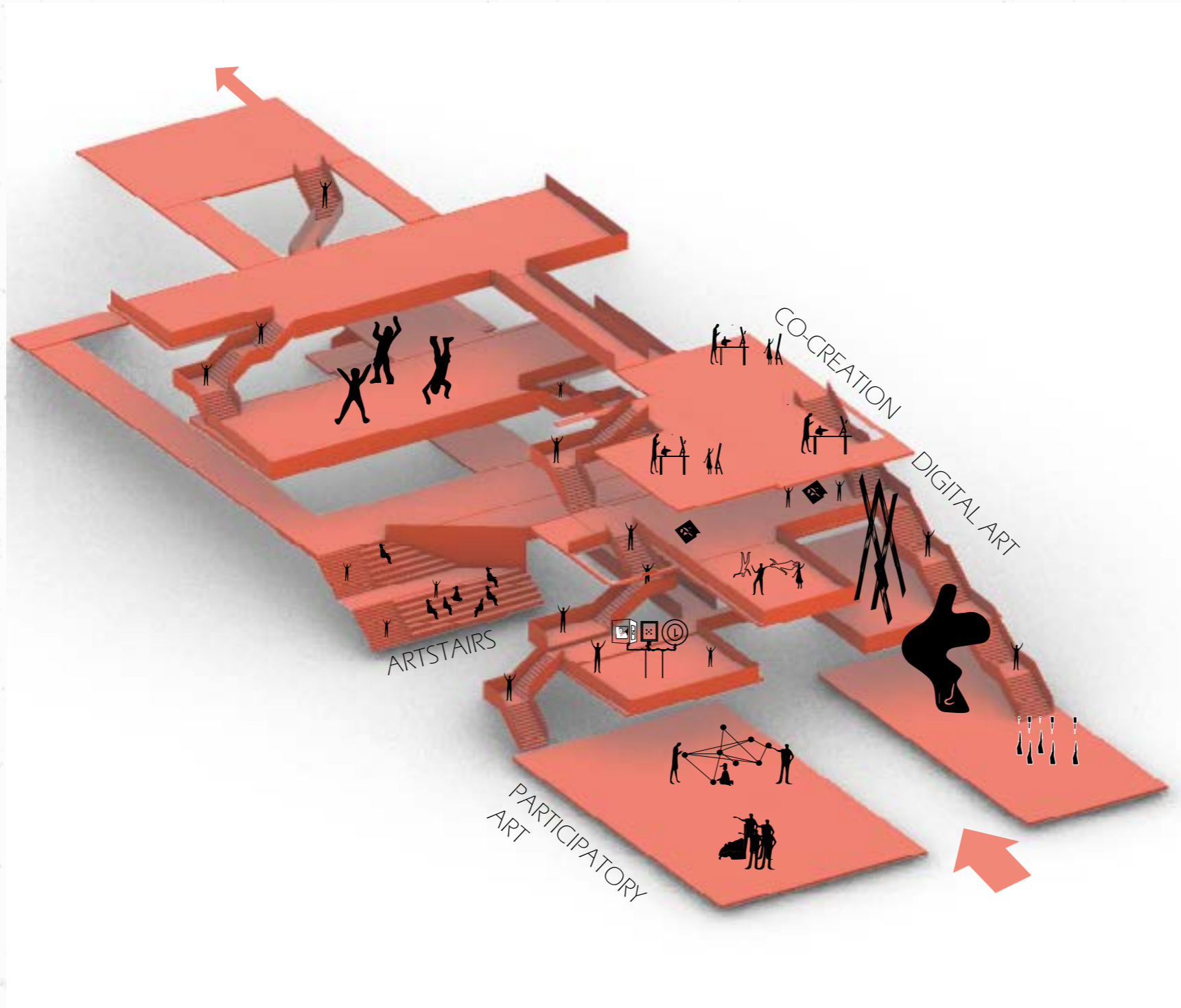


GOALL
PARTICIPATORY ART
THE DESIGN CONCEPT
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SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
BUILDING IN DETAILS
ACTIVE MUSEUM OF ART



THE BUILDING

From concept to experience: life size cabinet the curiosity



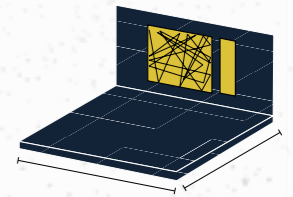
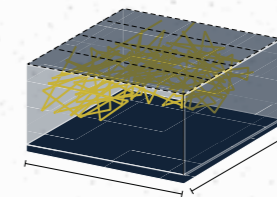
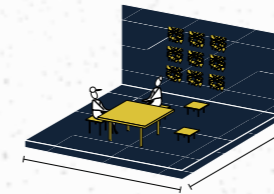
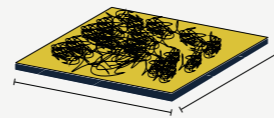
THE BUILDING

From concept to experience: Art display

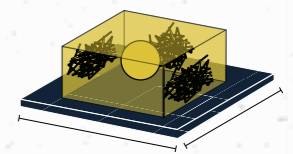
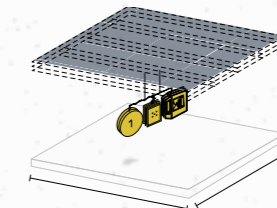
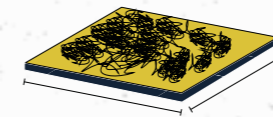
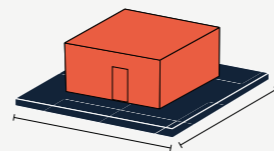
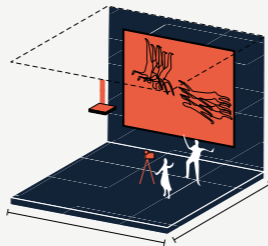
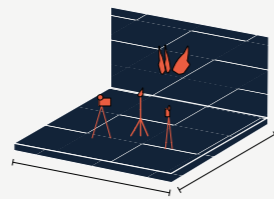
Dark spaces

Light spaces

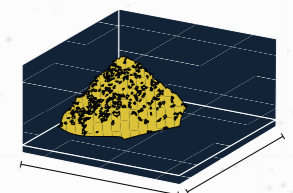
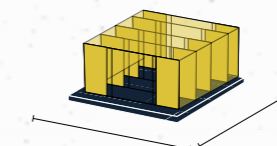
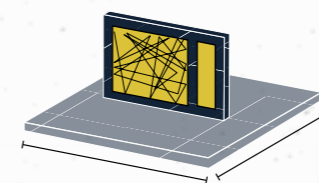
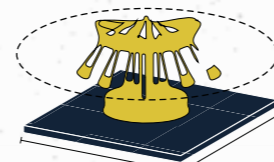
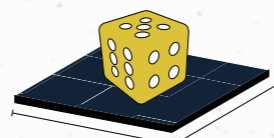
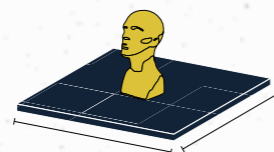
Level 3 Co-Create art



Level 2 Digital interactive Art

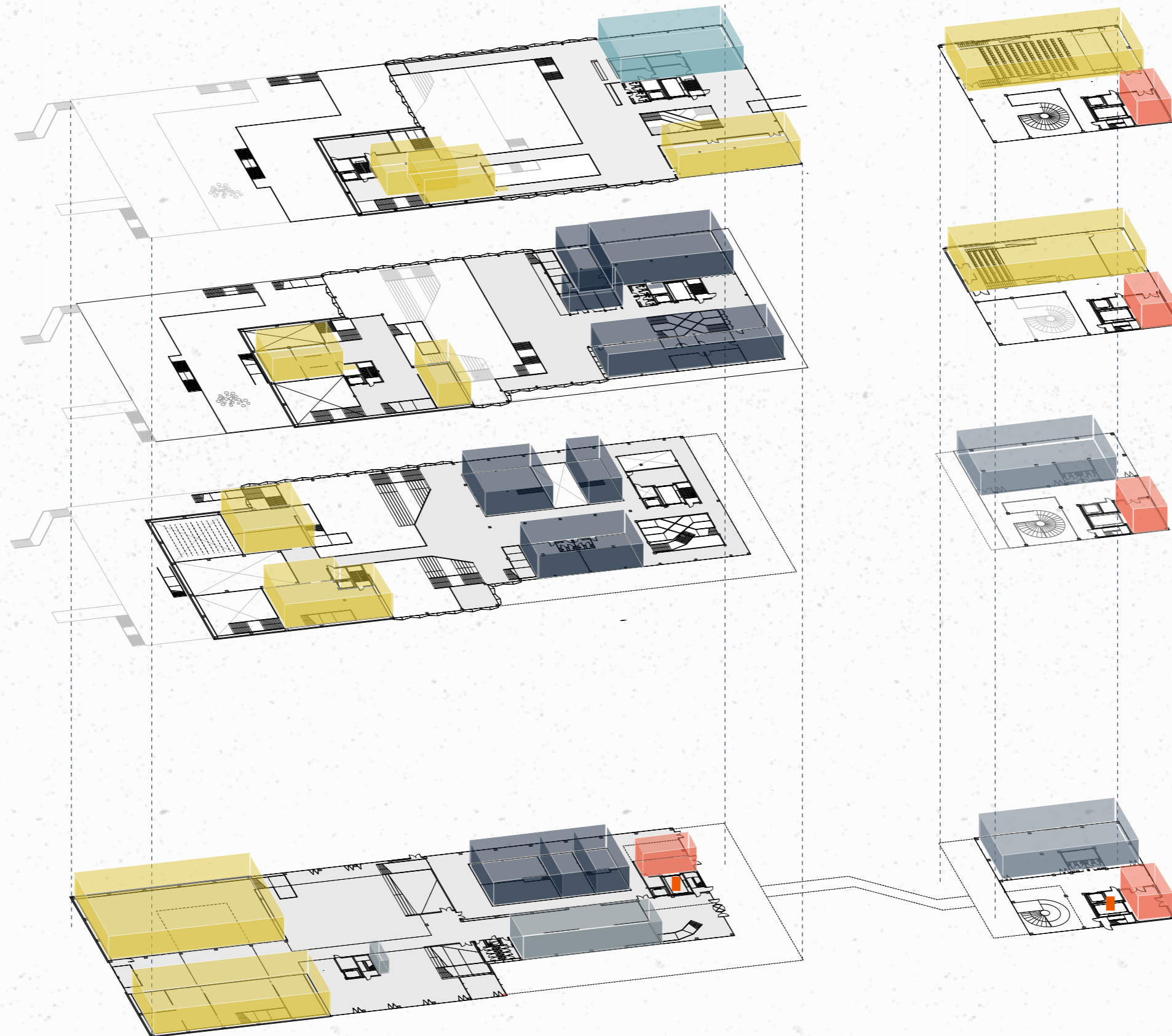


Level 1 interactive sculpture and installation art



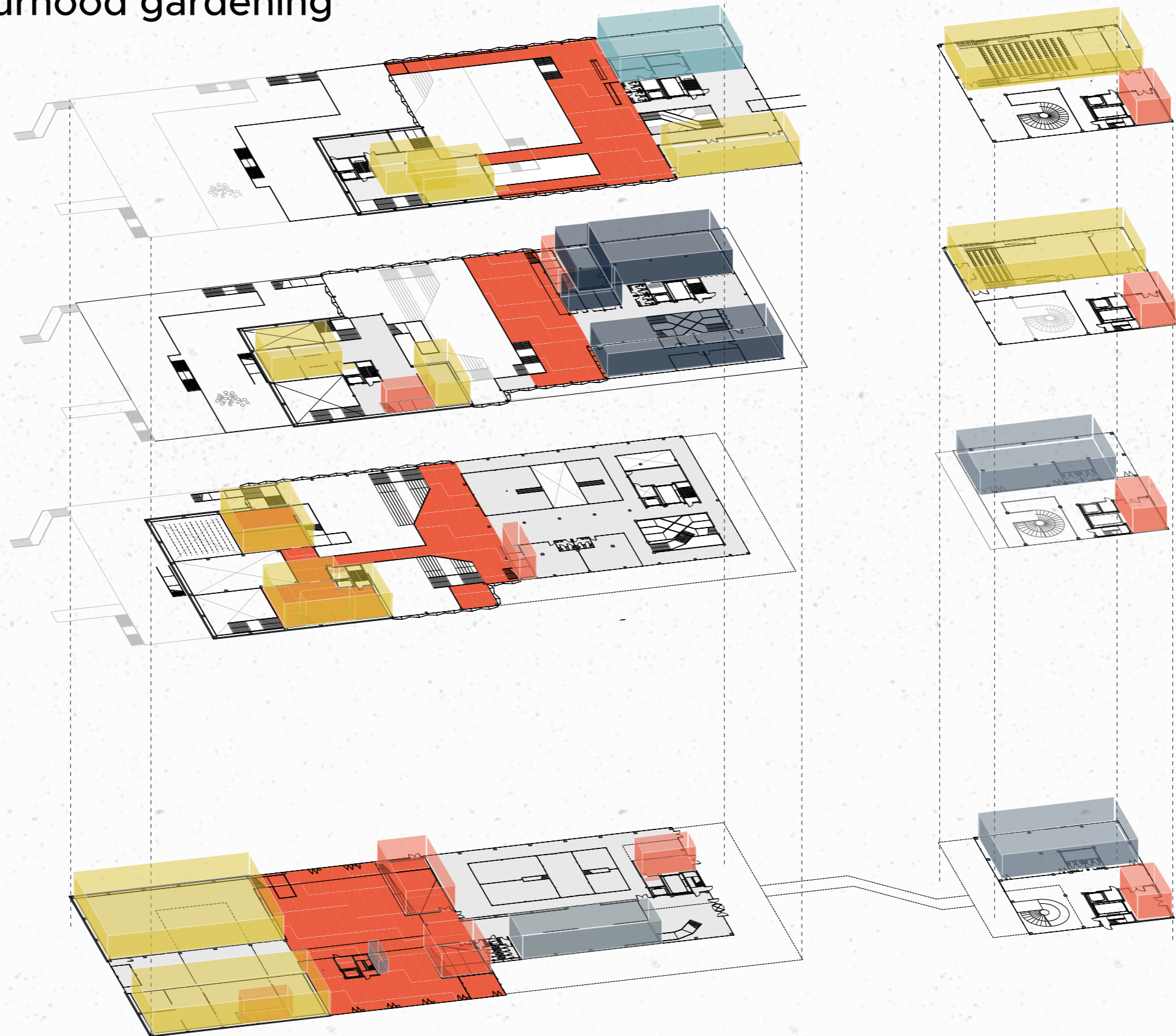
THE BUILDING

Program division



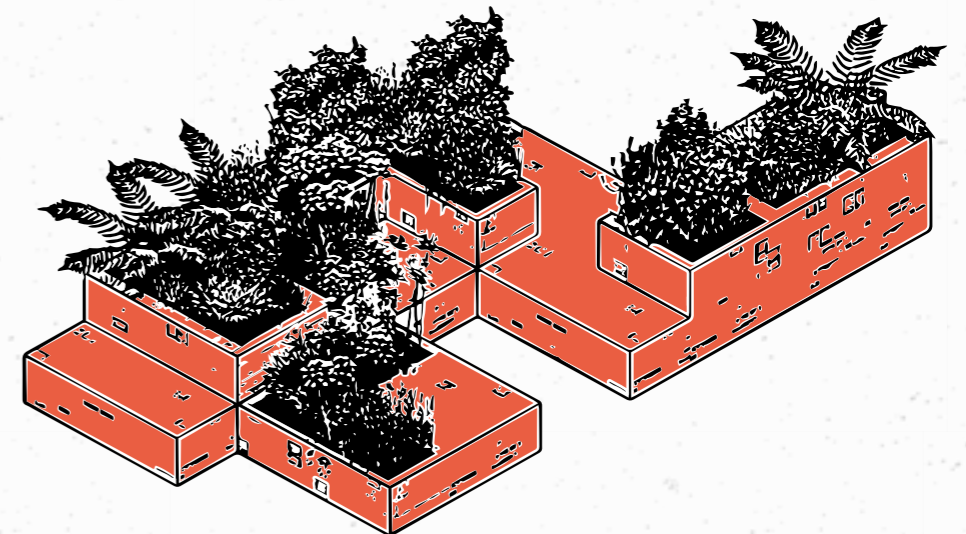
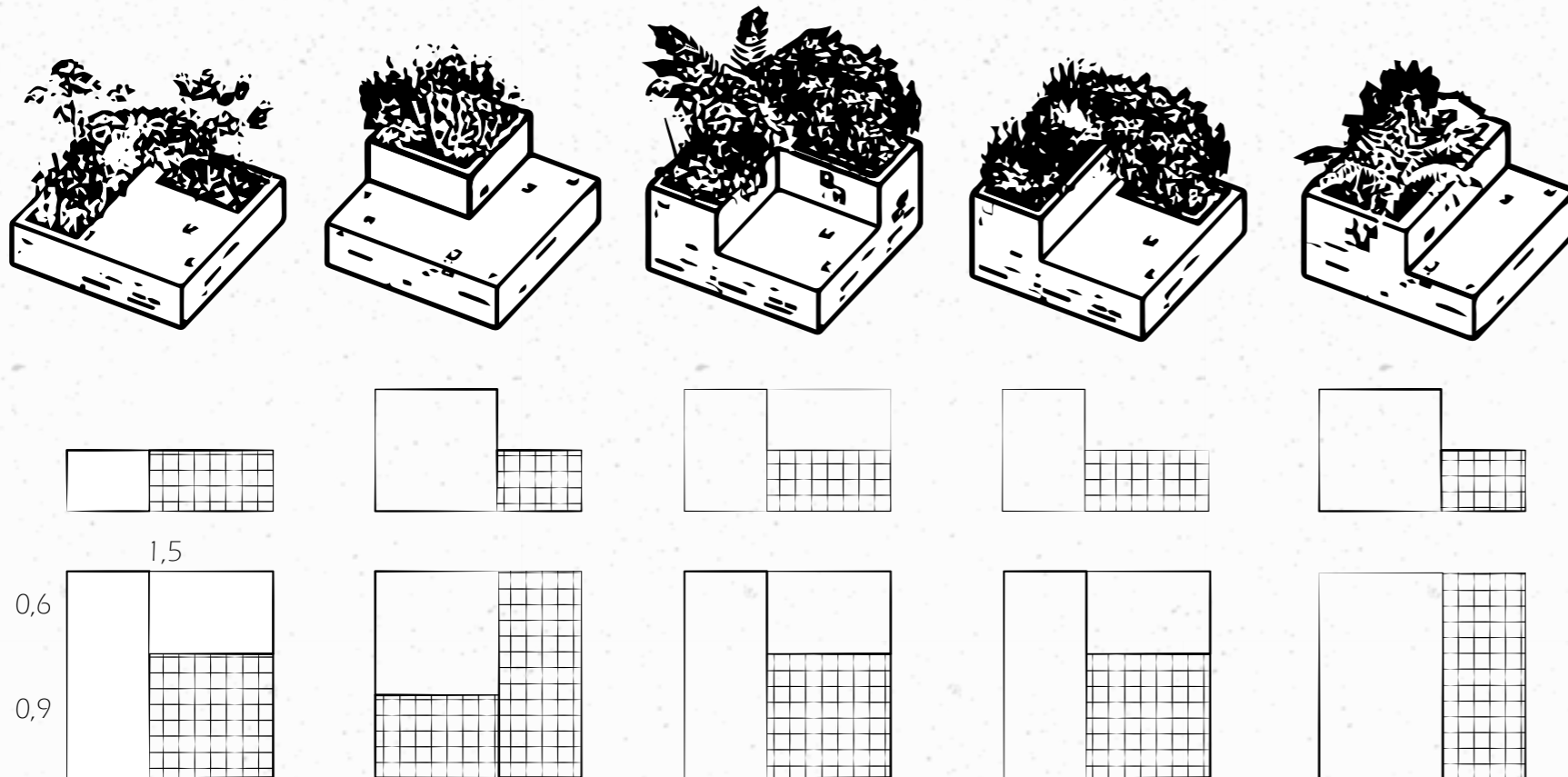
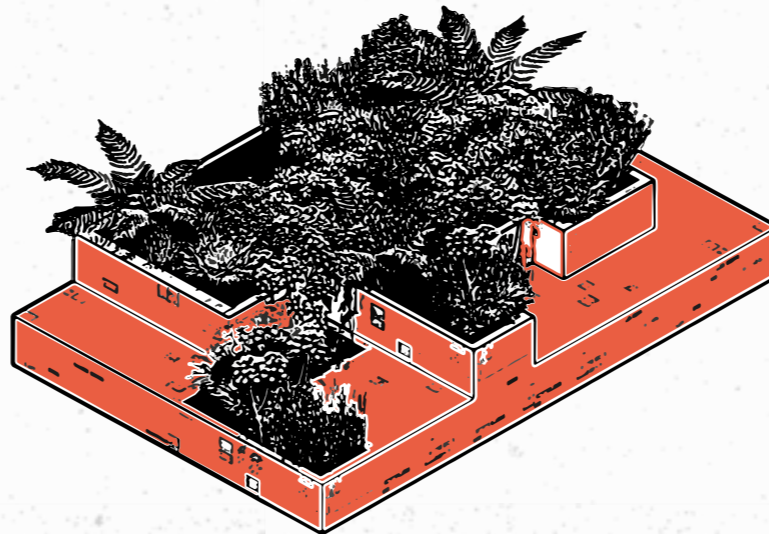
THE BUILDING

Art stairs/ neighbourhood gardening



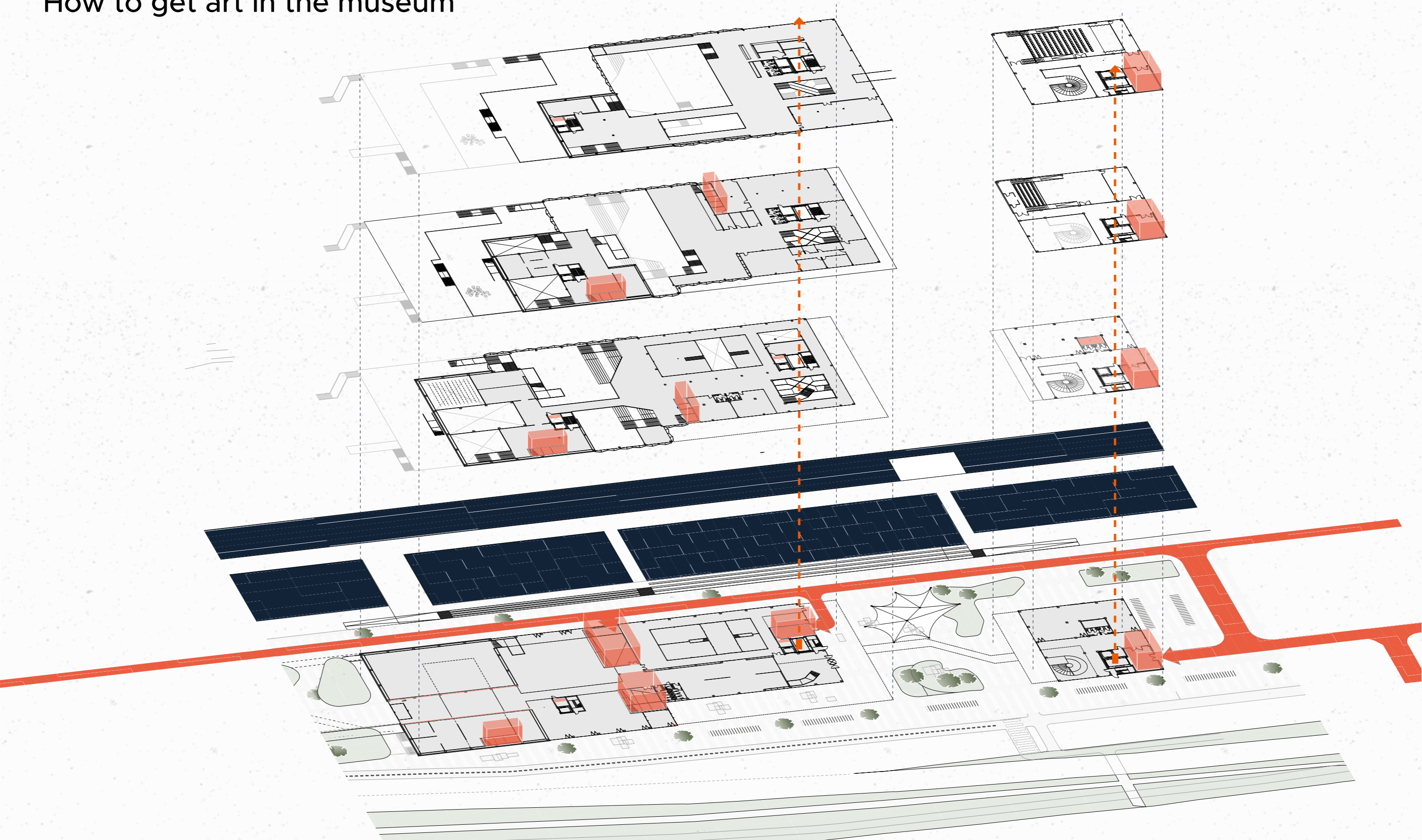
THE BUILDING

Not only participatory art also participatory green



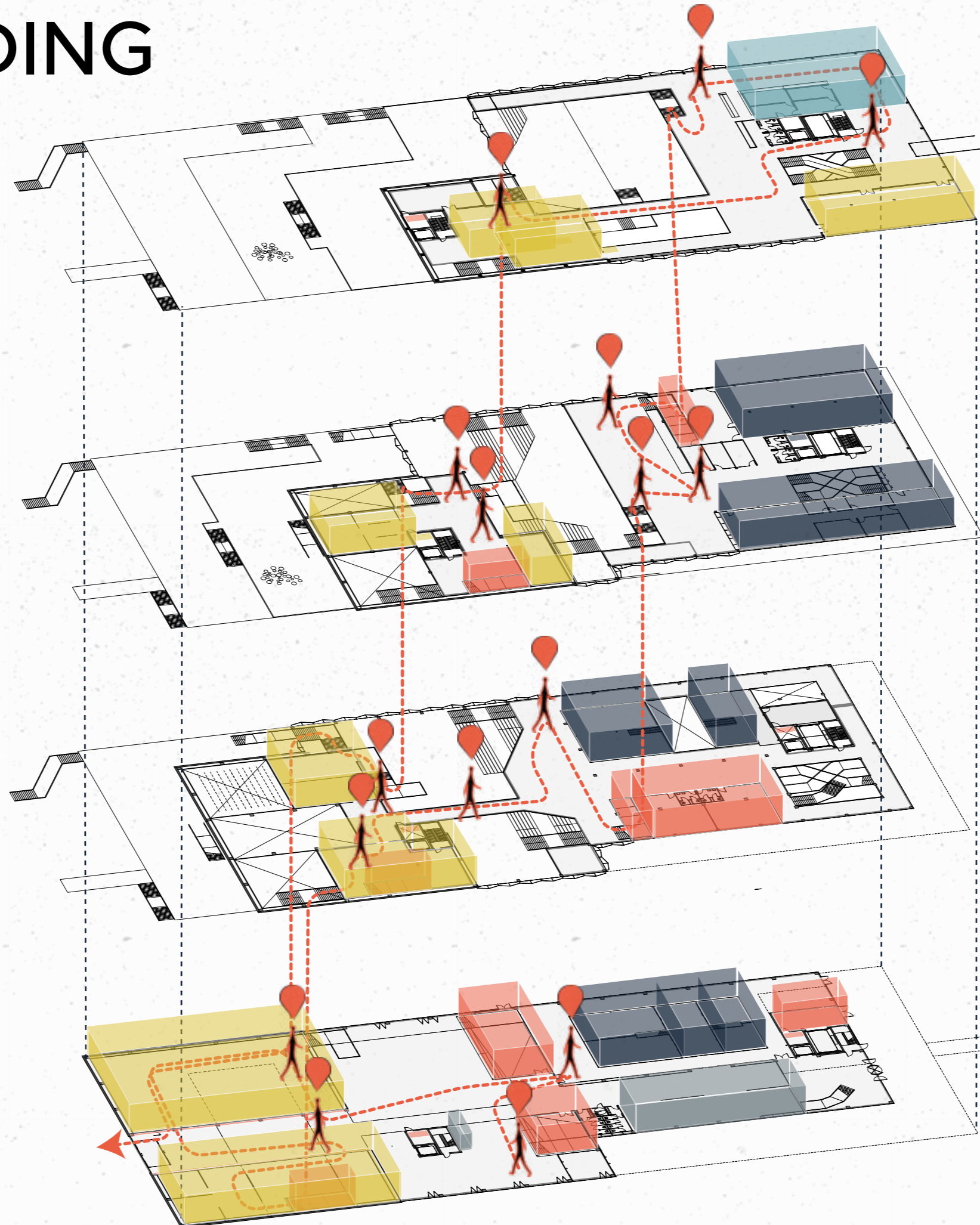
THE BUILDING

How to get art in the museum



THE BUILDING

Experience routes



THE BUILDING

Floor plan: ground floor



THE BUILDING

Impression: Ticket area



THE BUILDING

Impression: Exhibition space



THE BUILDING

Impression: Exhibition space II



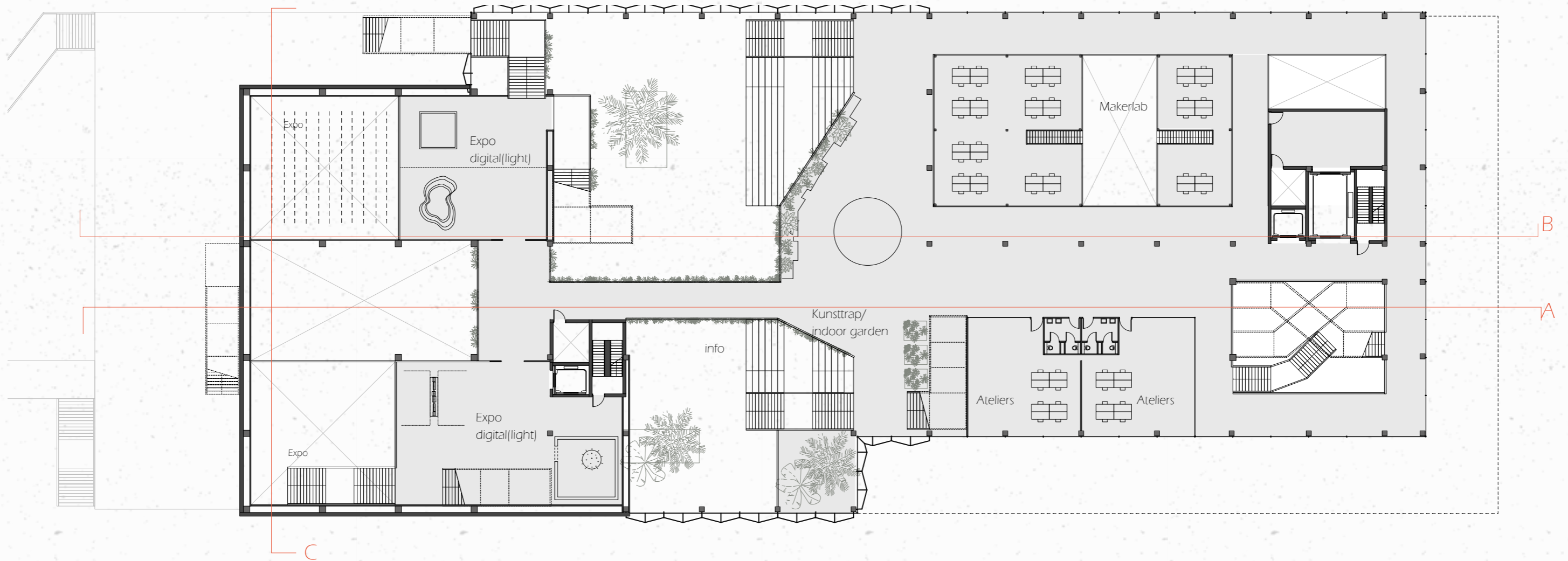
THE BUILDING

Impression: Makers lab



THE BUILDING

Floor plan: 1st floor



THE BUILDING

Impression: Exhibition space III



THE BUILDING

Impression: Makers lab



THE BUILDING

Impression: Transition space between digital exhibition spaces



THE BUILDING

Impression: Participatory art & Art stairs



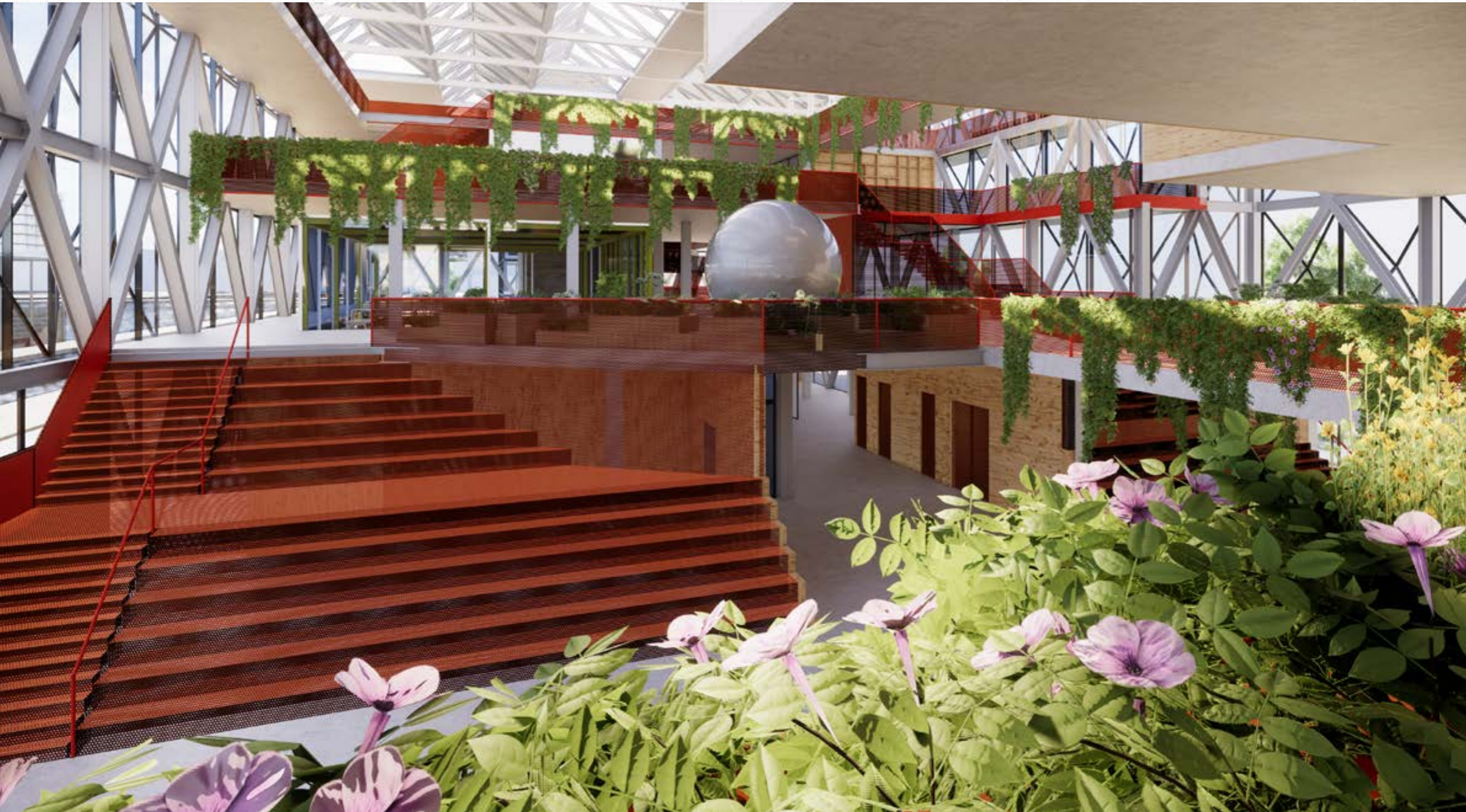
THE BUILDING

Impression: Participatory garden & Green Long



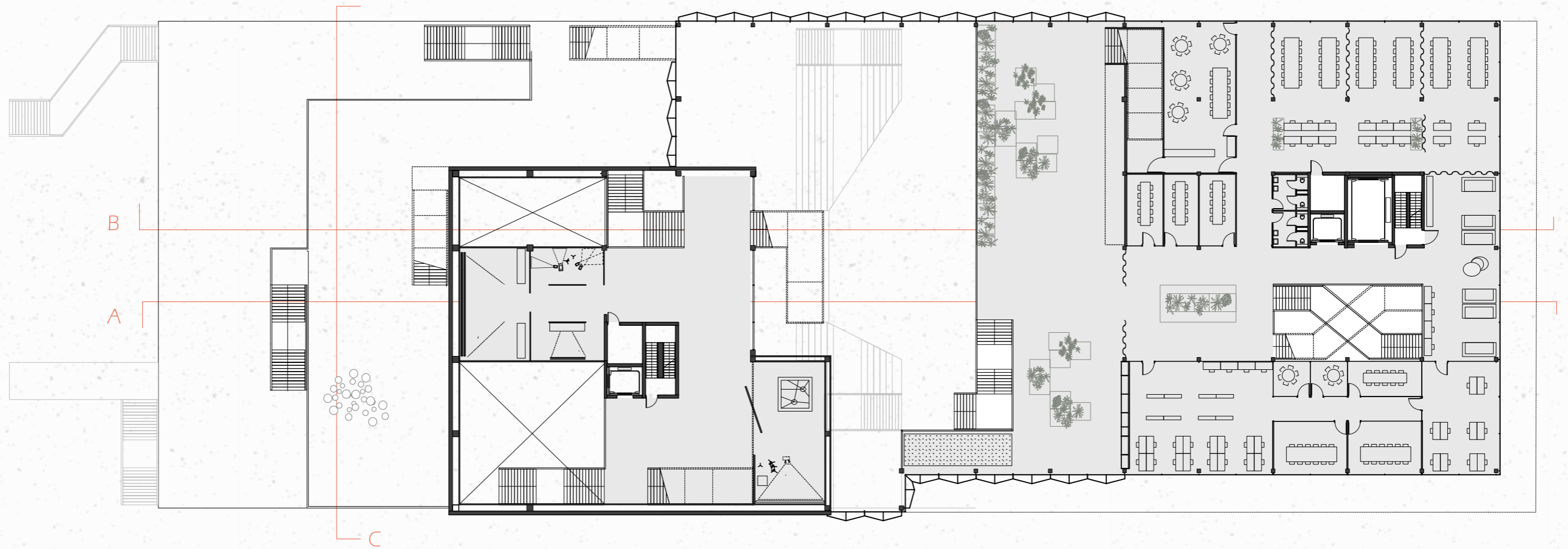
THE BUILDING

Impression: Transition from 1st to 2nd floor



THE BUILDING

Floor plan: 2nd floor



THE BUILDING

Impression: Digital dark exhibition space



THE BUILDING

Impression: Transition zone dark exhibition space



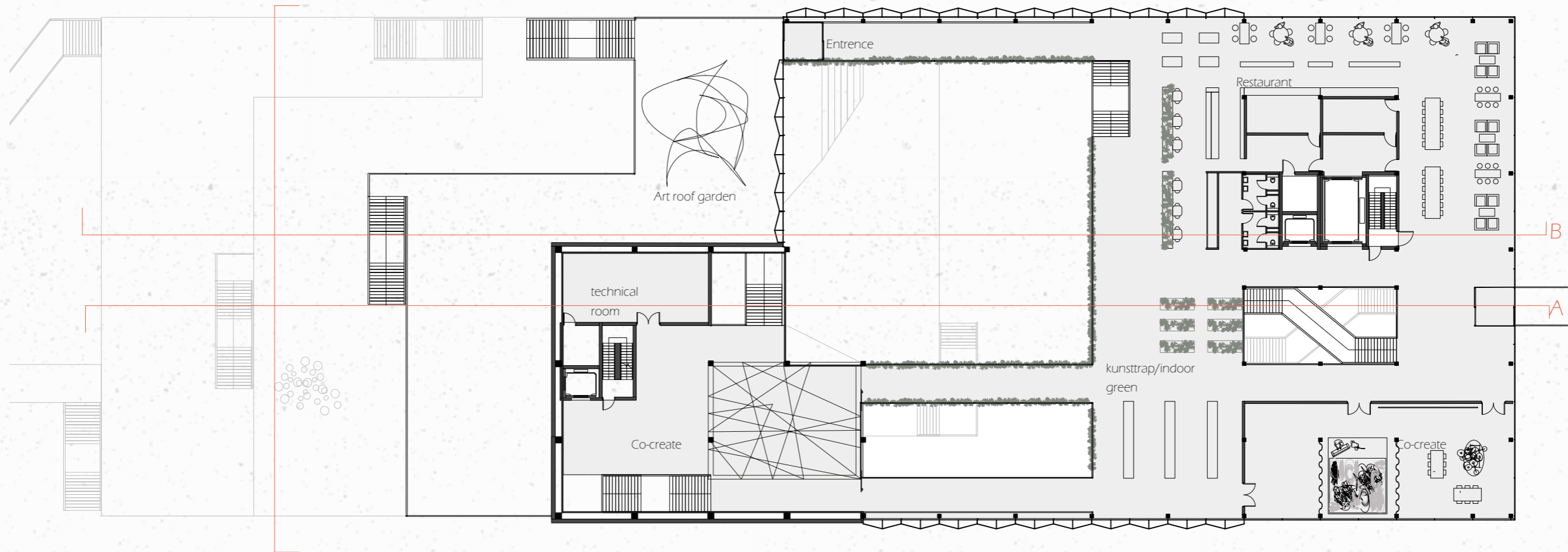
THE BUILDING

Impression: Transition zone (co-)offices



THE BUILDING

Floor plan: 3rd floor



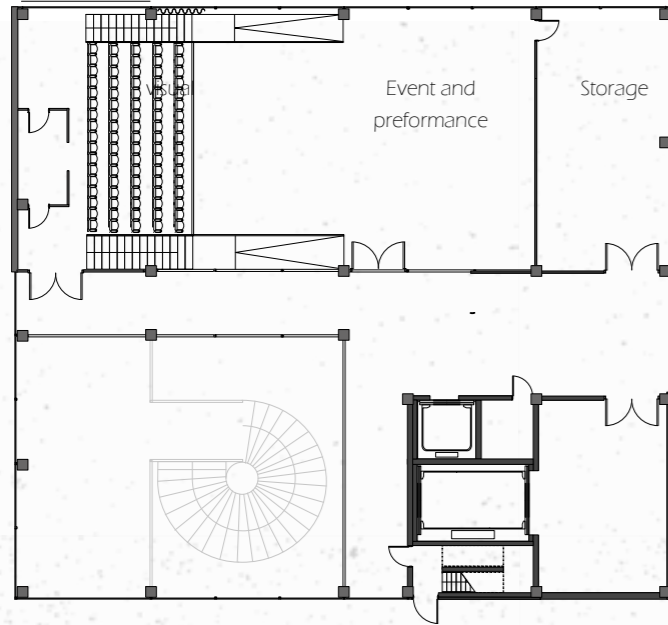
THE BUILDING

Impression: Co-creation

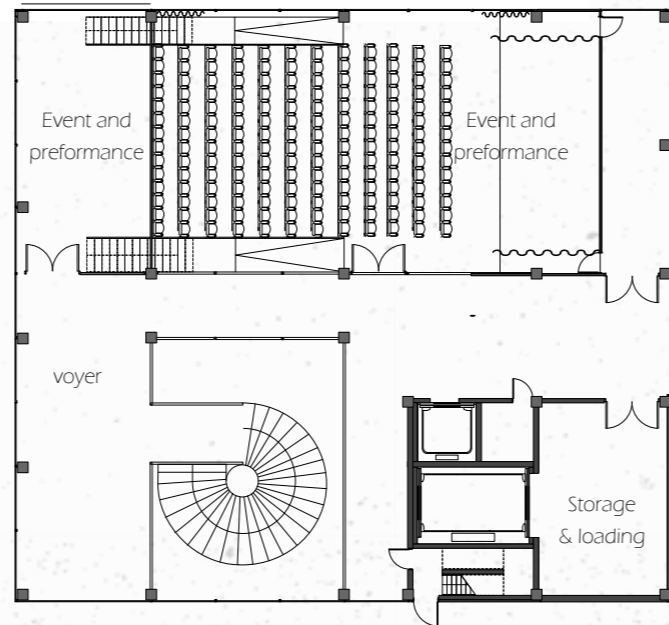


THE BUILDING

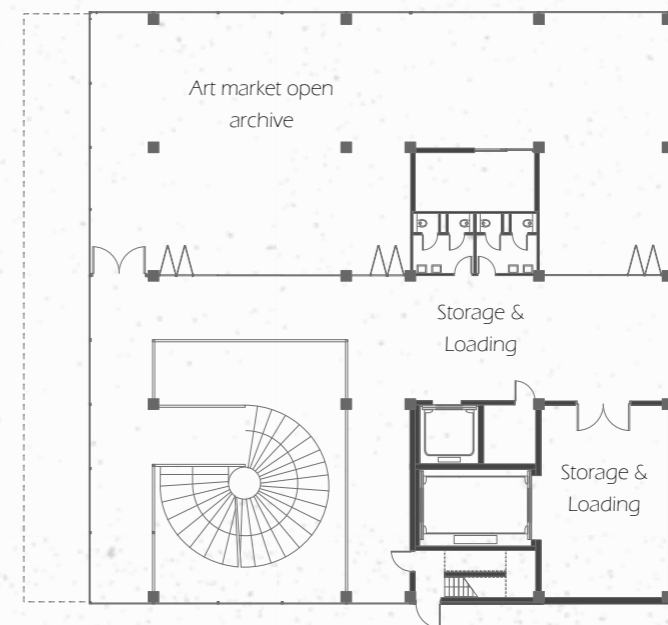
Floor plan: Building II



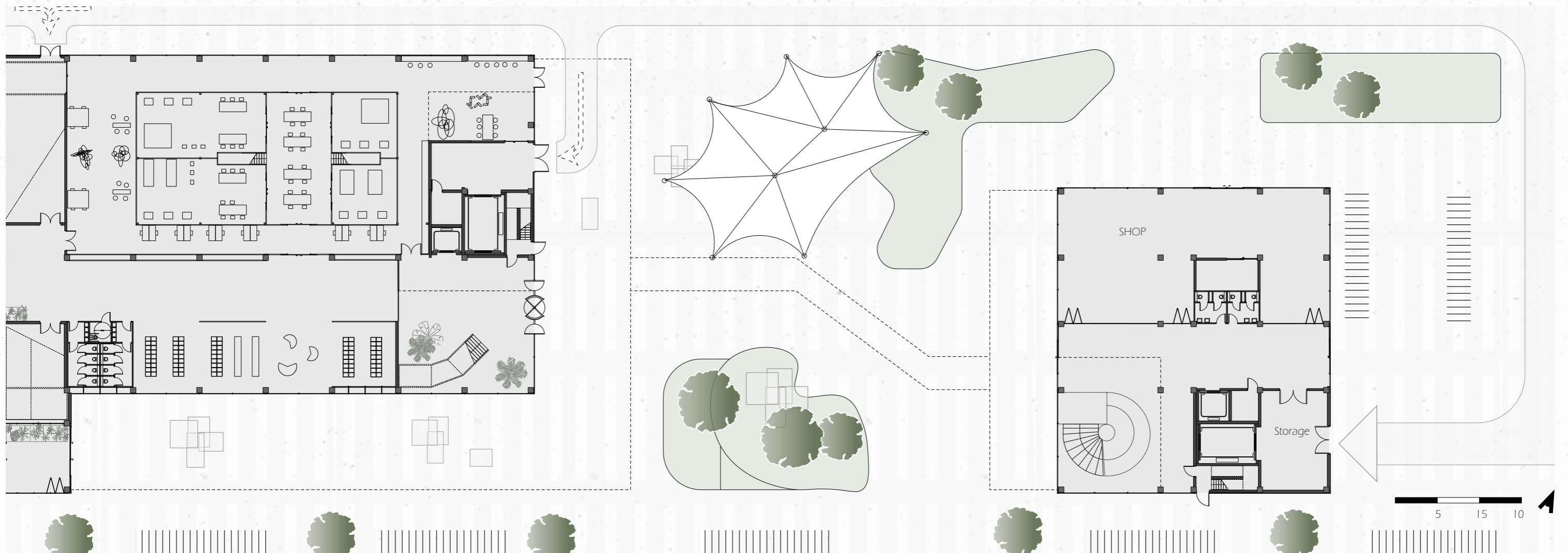
THIRD FLOOR



SECOND FLOOR



FIRST FLOOR



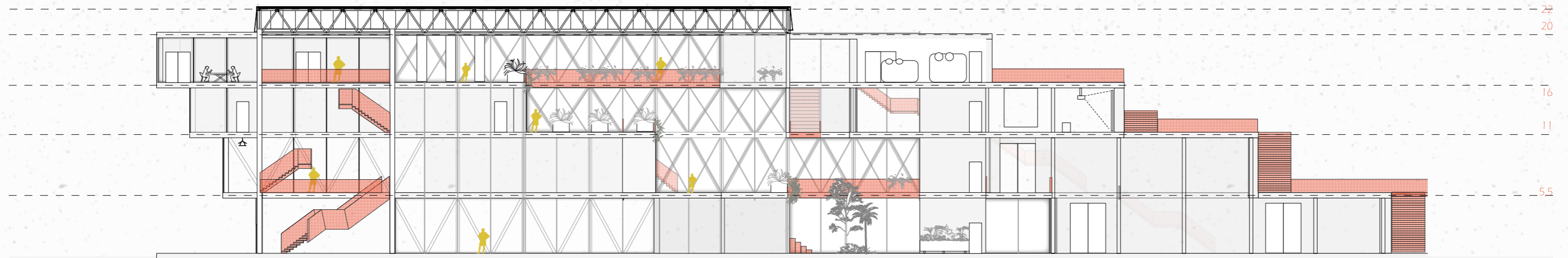
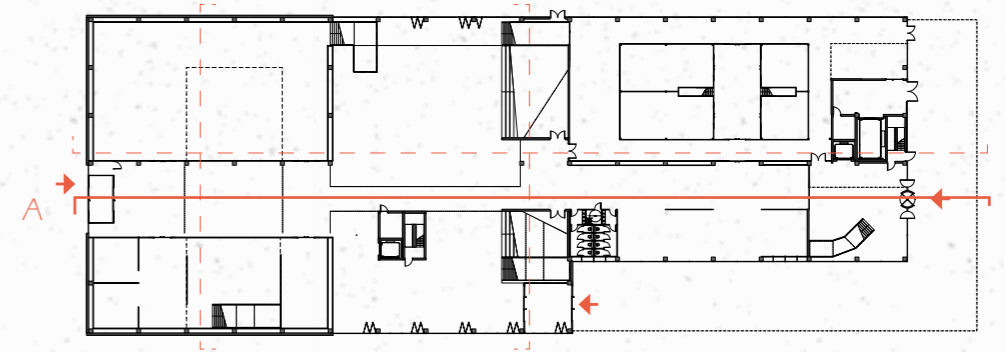
THE BUILDING

Impression: Building II



THE BUILDING

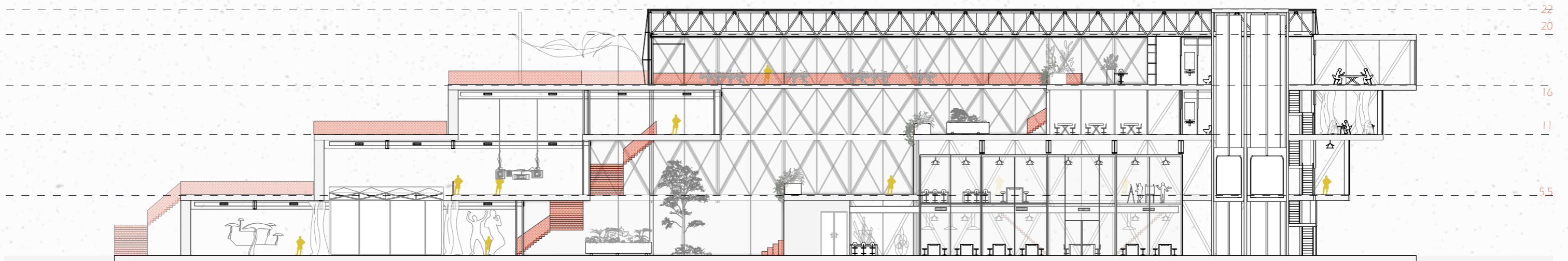
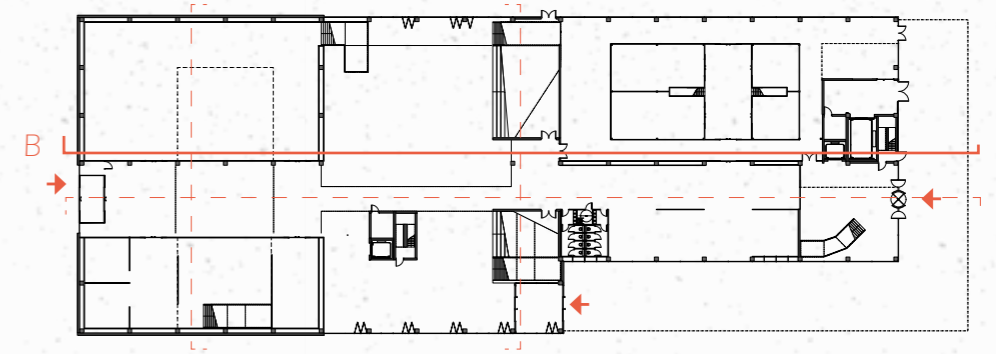
Section A



Section A

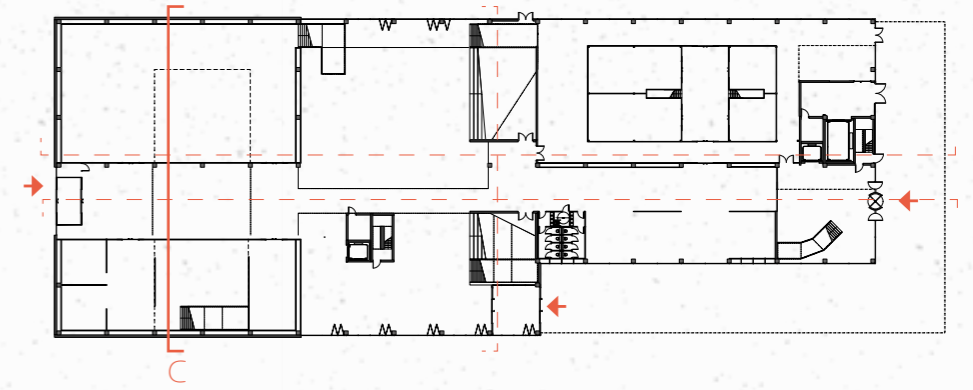
THE BUILDING

Section B



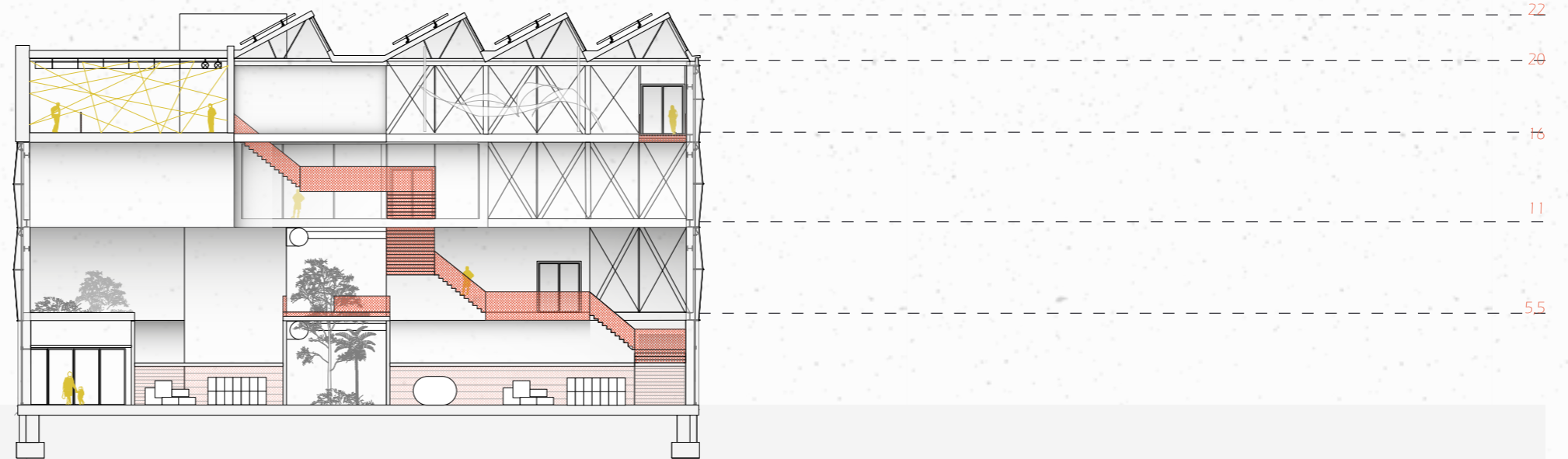
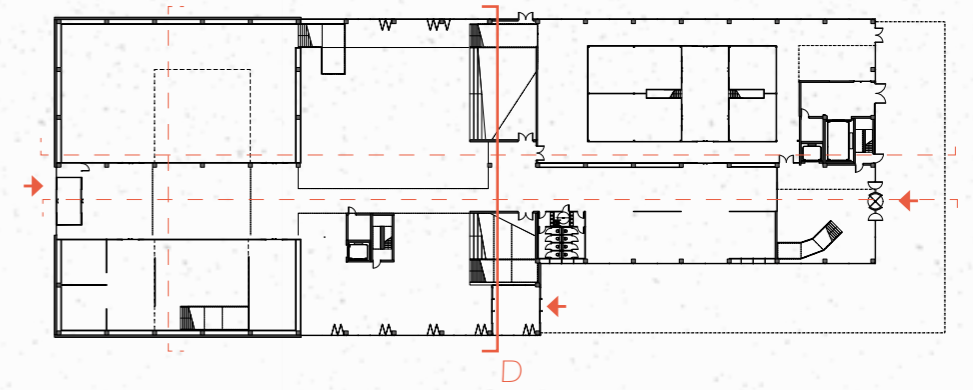
THE BUILDING

Section C



THE BUILDING

Section D



Section C

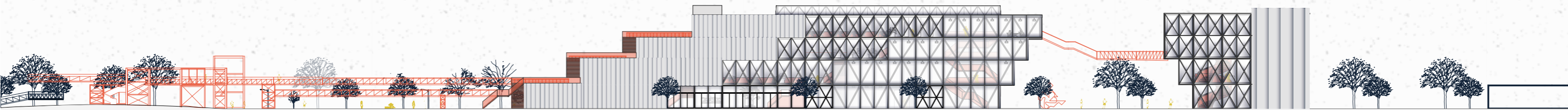
THE BUILDING

Elevation: West side



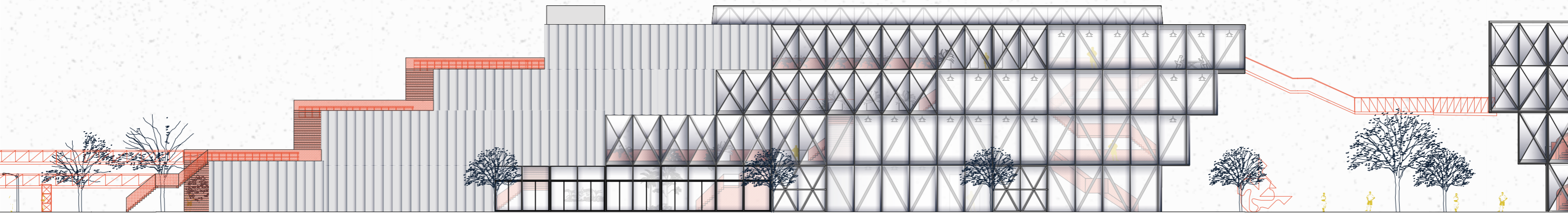
THE BUILDING

Elevation: South side



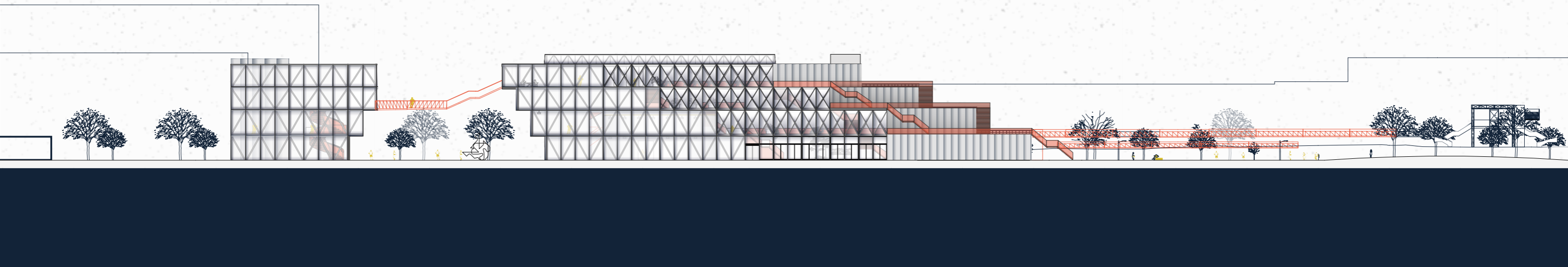
THE BUILDING

Elevation: South side



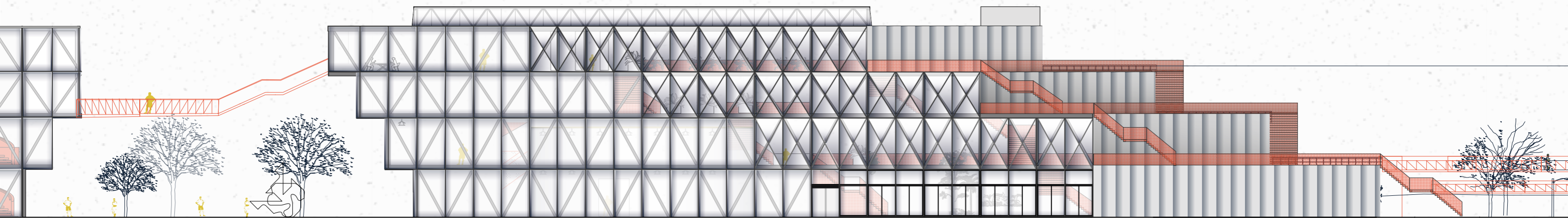
THE BUILDING

Elevation: North side

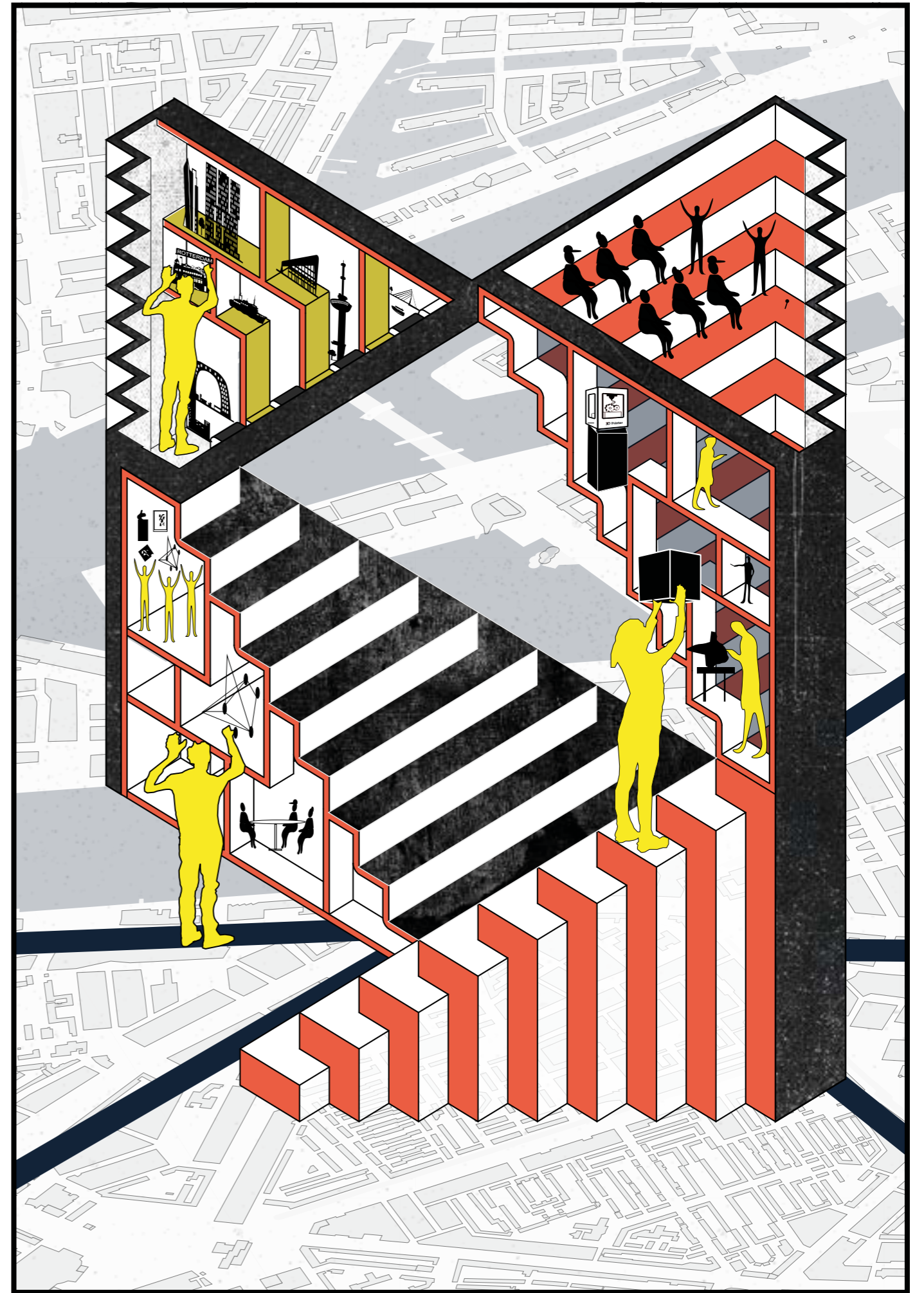


THE BUILDING

Elevation: North side



GOALL
PARTICIPATORY ART
THE DESIGN CONCEPT
THE SITE
SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
BUILDING IN DETAILS
ACTIVE MUSEUM OF ART



BUILDING ELEMENTS

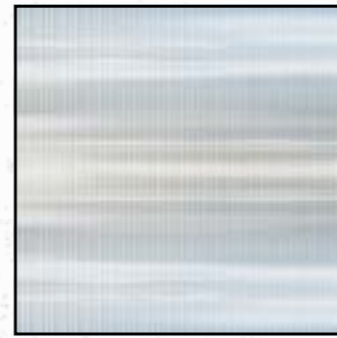
Building materials



plywood wall covering



polished floor



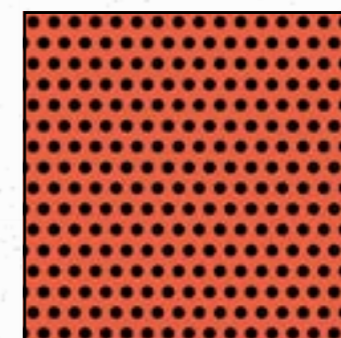
polycarbonaat single click system



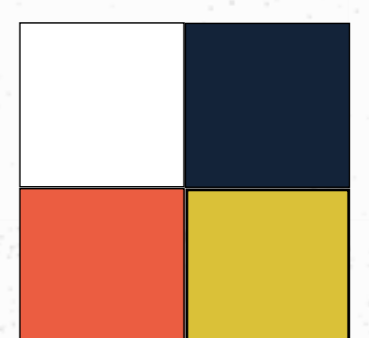
polycarbonaat tubes



translusant insulation polycarbonaat danpal



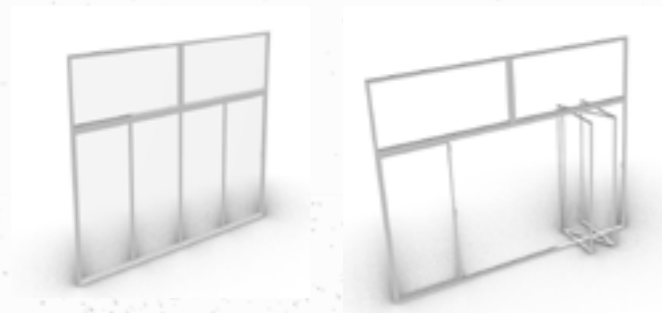
Prerforated steal



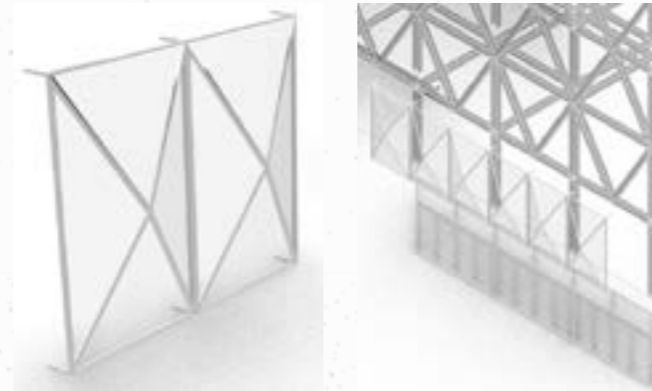
flexible wall paint

BUILDING ELEMENTS

Concept



Folding doors ground floor kunsttrap



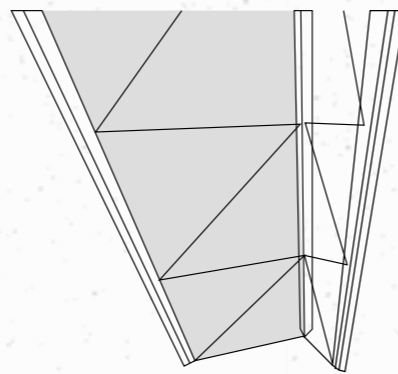
Expressive facade structure showing honest building and scale divergence in function



Coloured curtains for flexibility closed/open spaces, transparency and isolation



Translusant polycarbonaat and panels glass



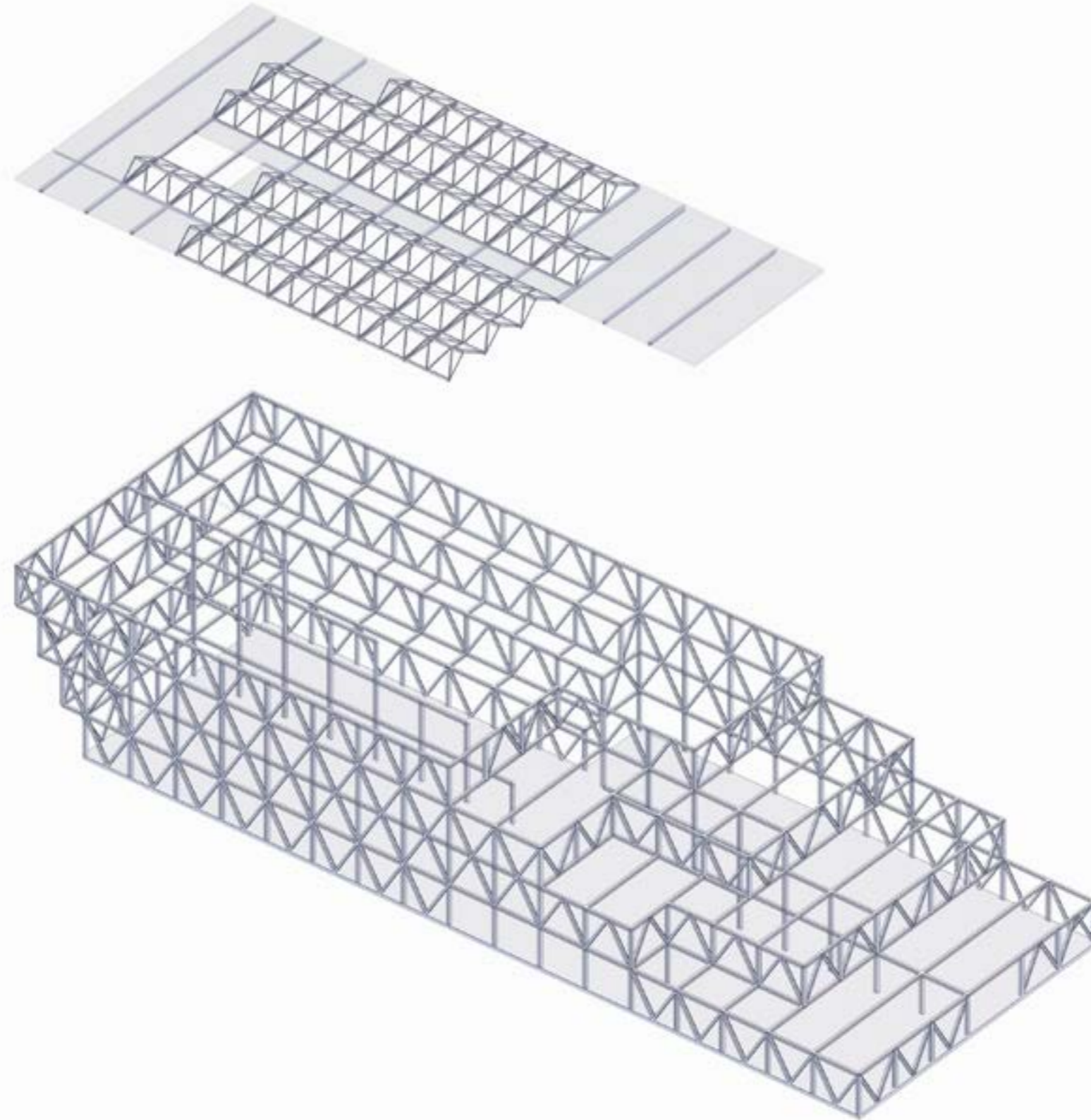
Shed roof reflect to industrial site and, natural light



BUILDING ELEMENTS

Structure

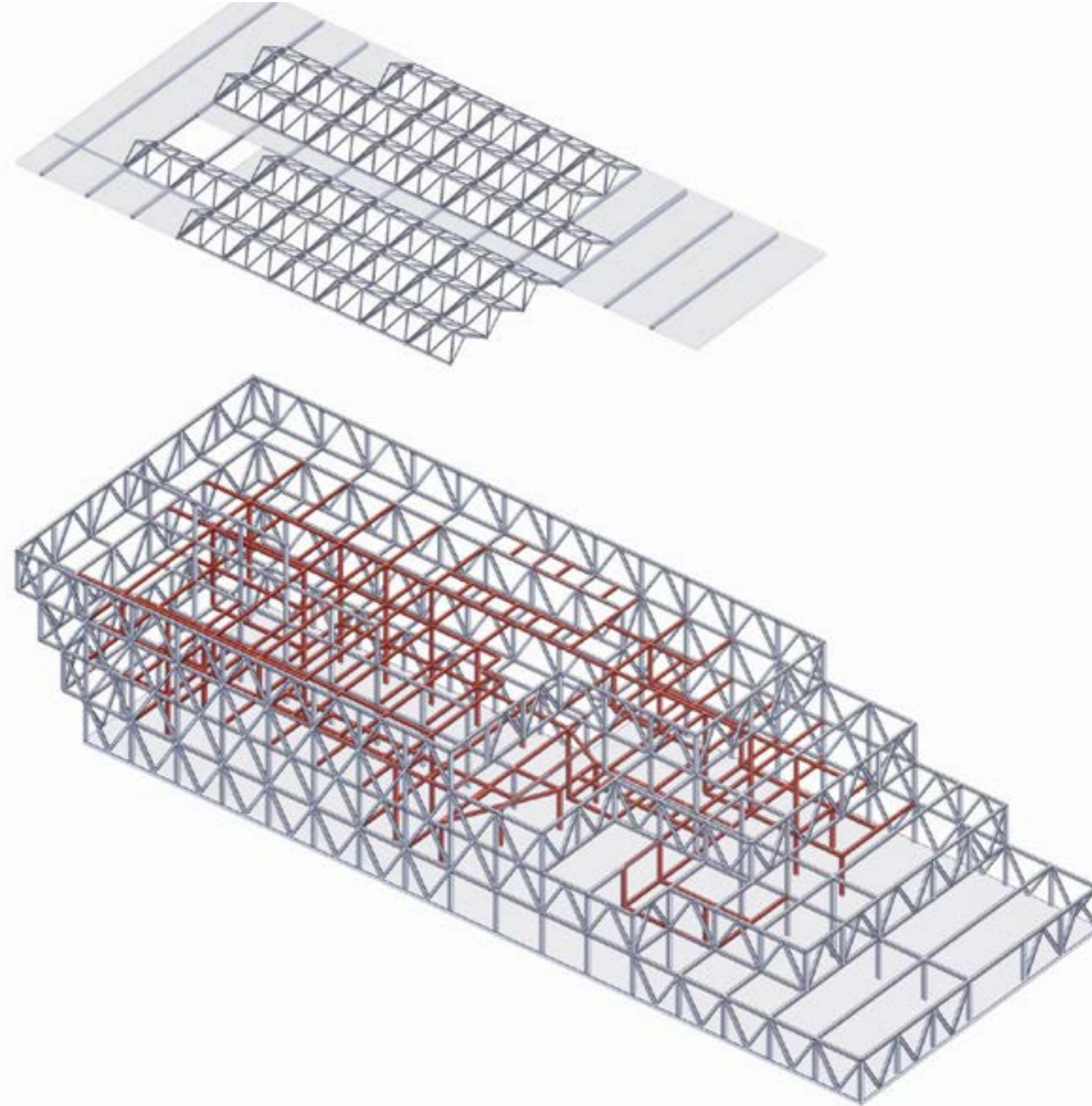
1. Diagrid structure in the facade and vierendeel beam to create stability and a flexible envelope



BUILDING ELEMENTS

Structure

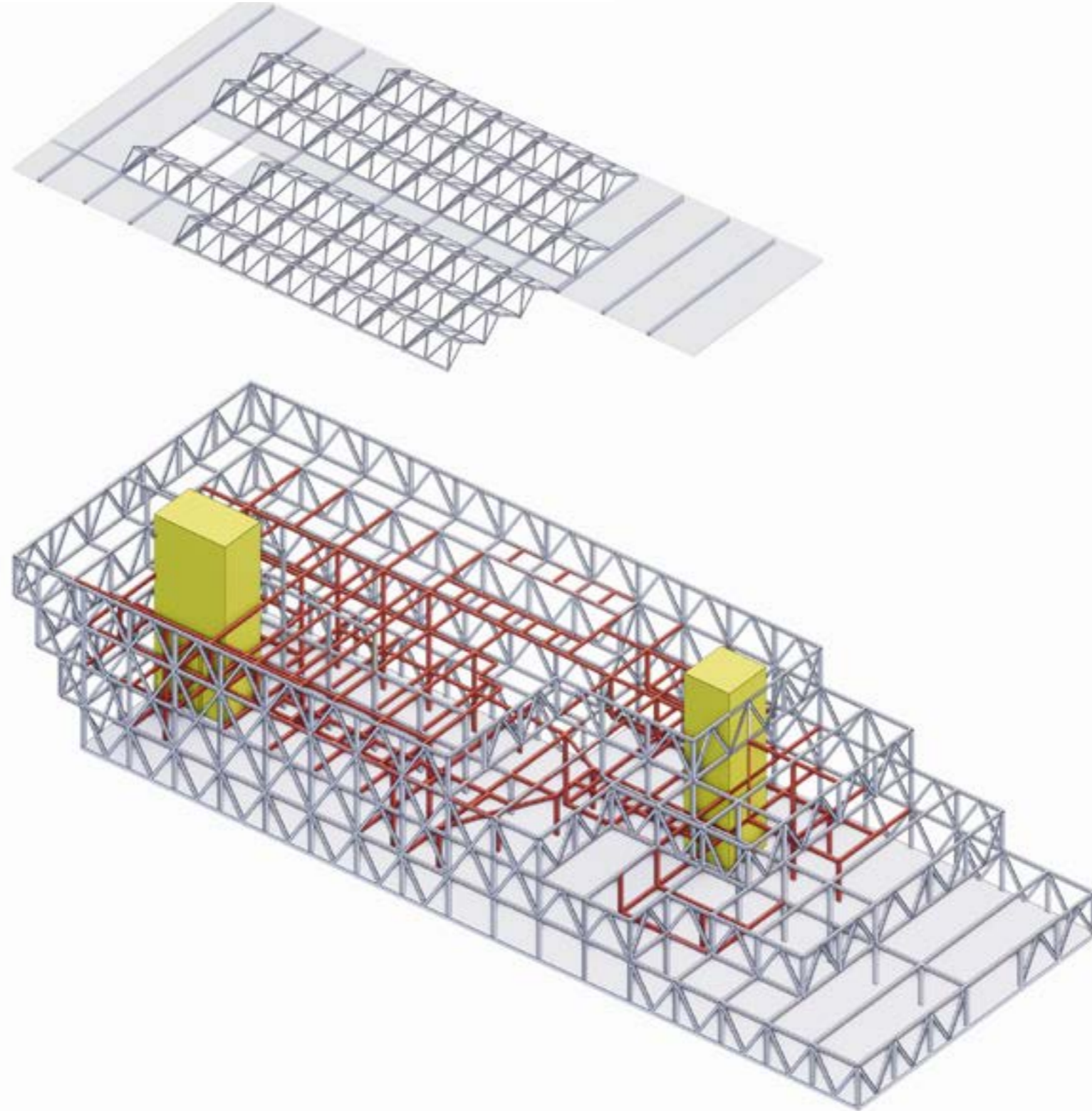
2. Integrated flexible structure to hold platforms



BUILDING ELEMENTS

4. Two cores

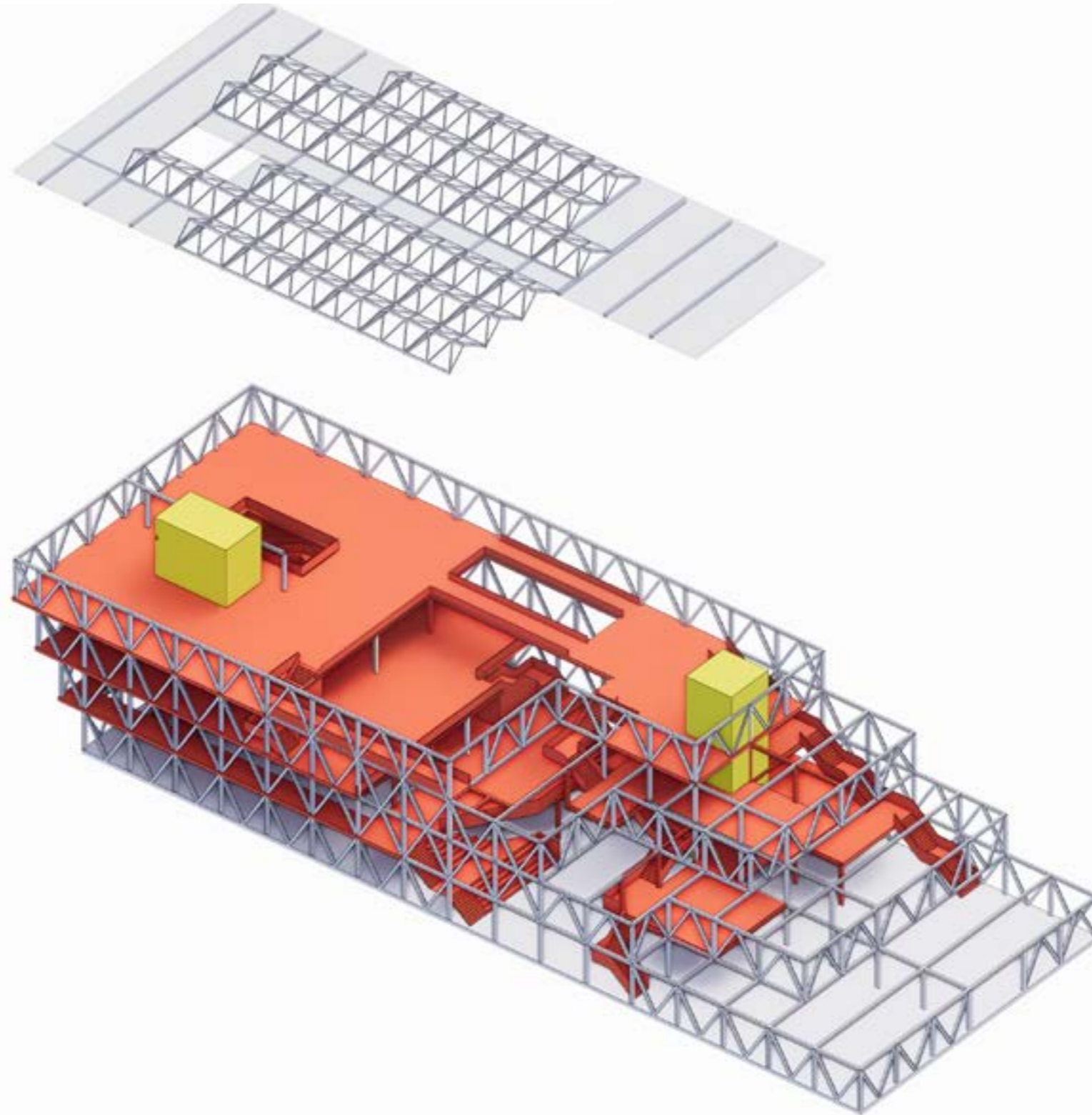
Structure



BUILDING ELEMENTS

Structure

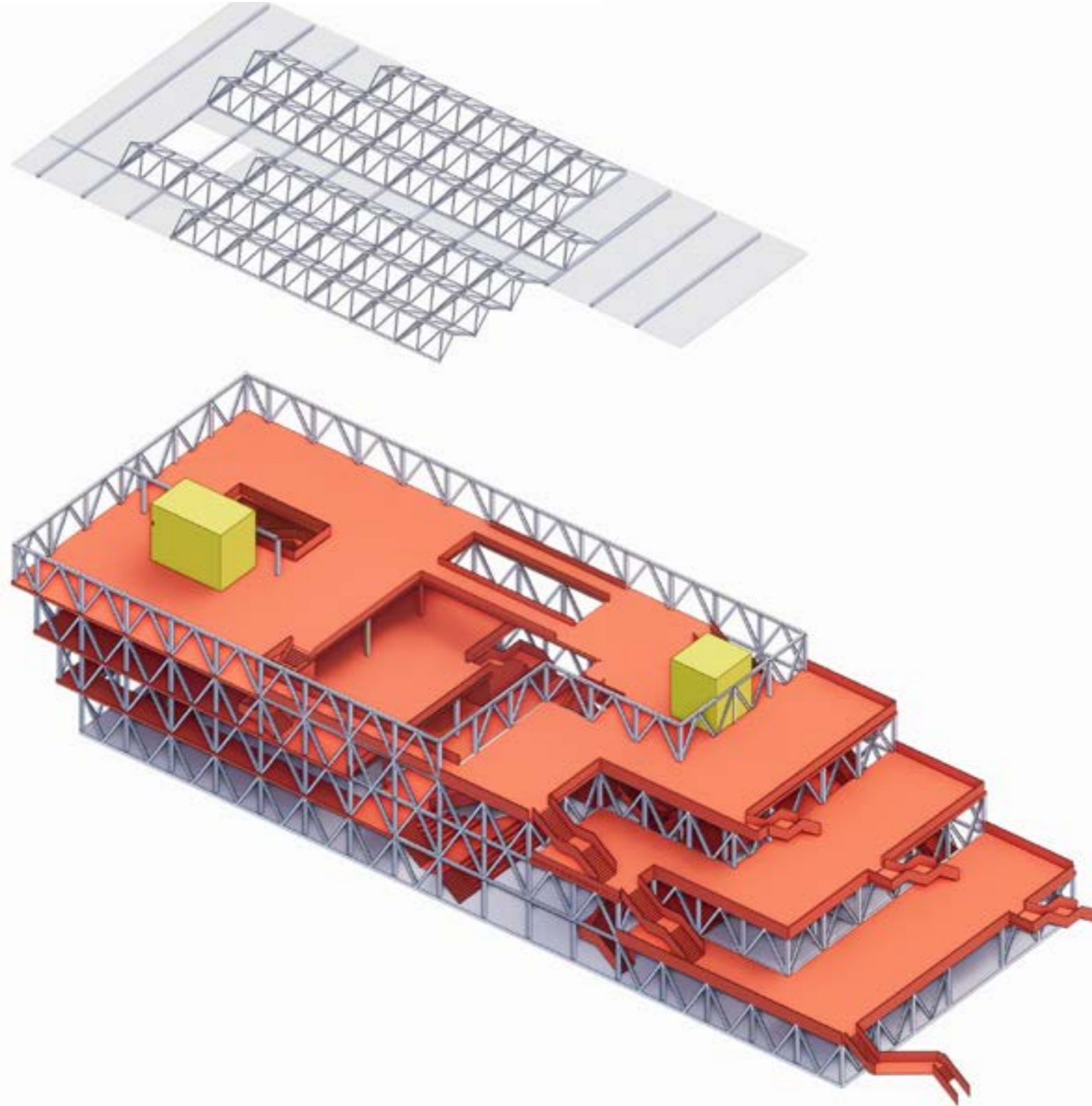
3. Floors and art stairs are added to the platforms



BUILDING ELEMENTS

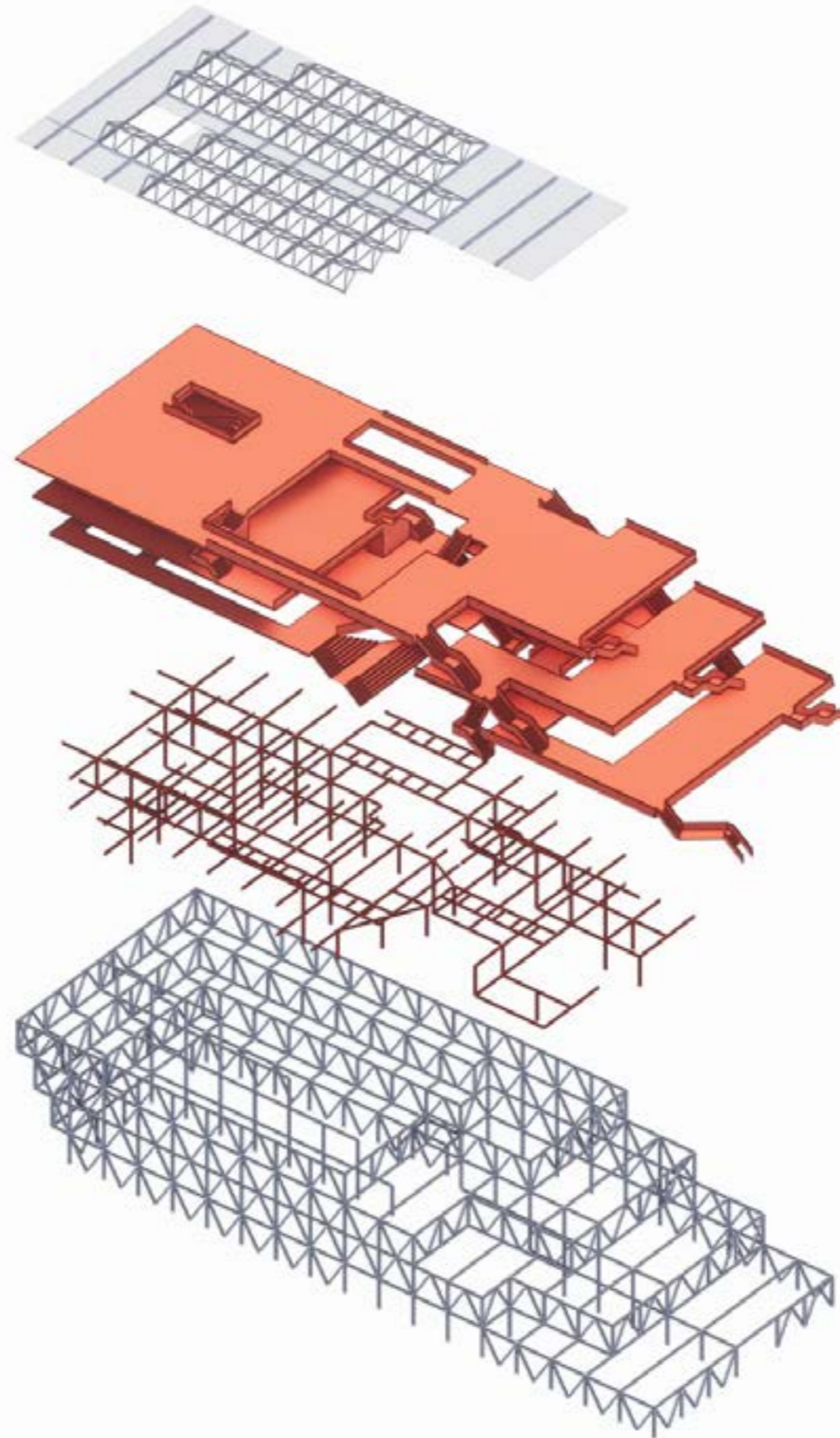
Structure

5. Finalize the floors and art stairs to create a complete structure.

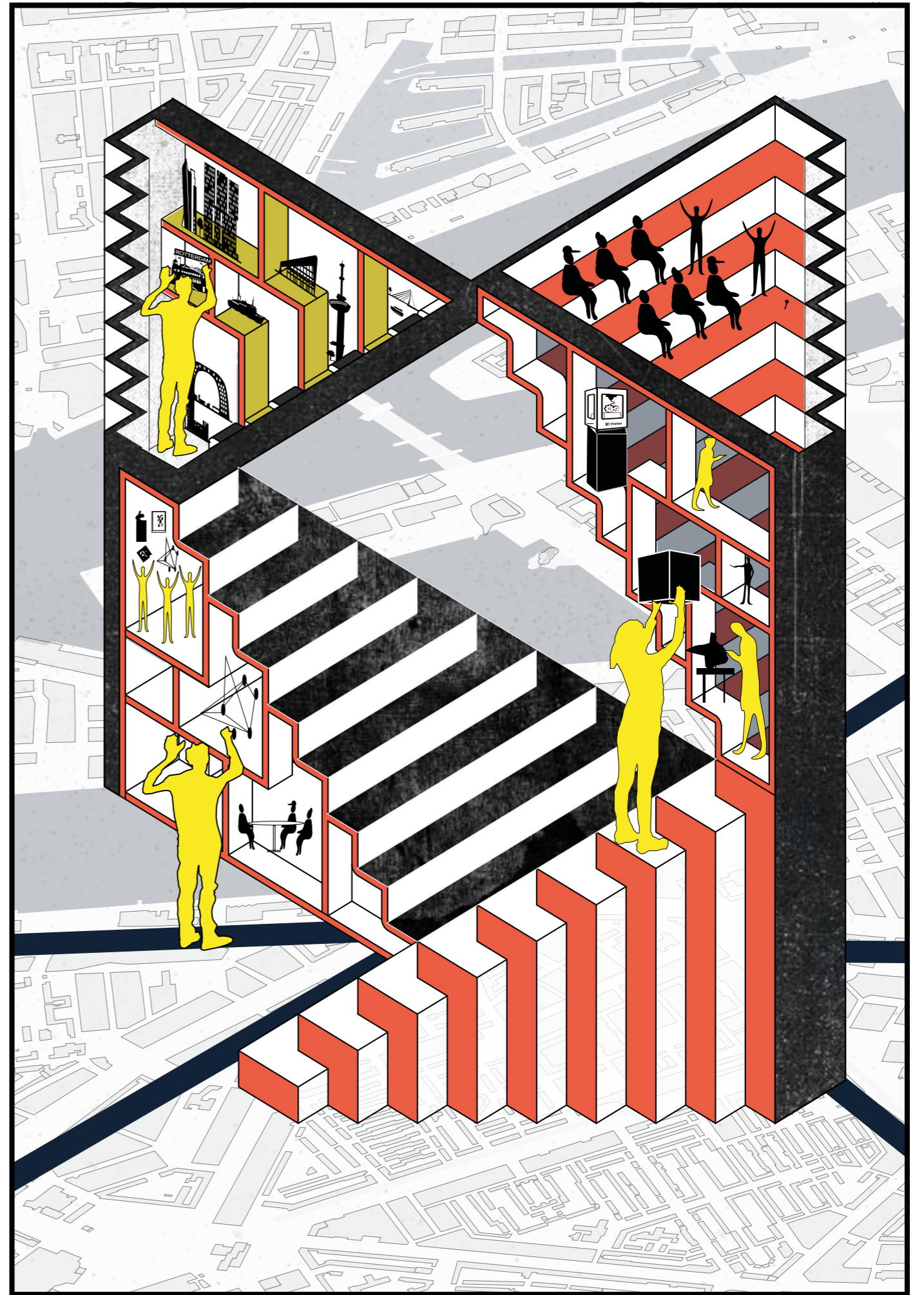


BUILDING ELEMENTS

Structure

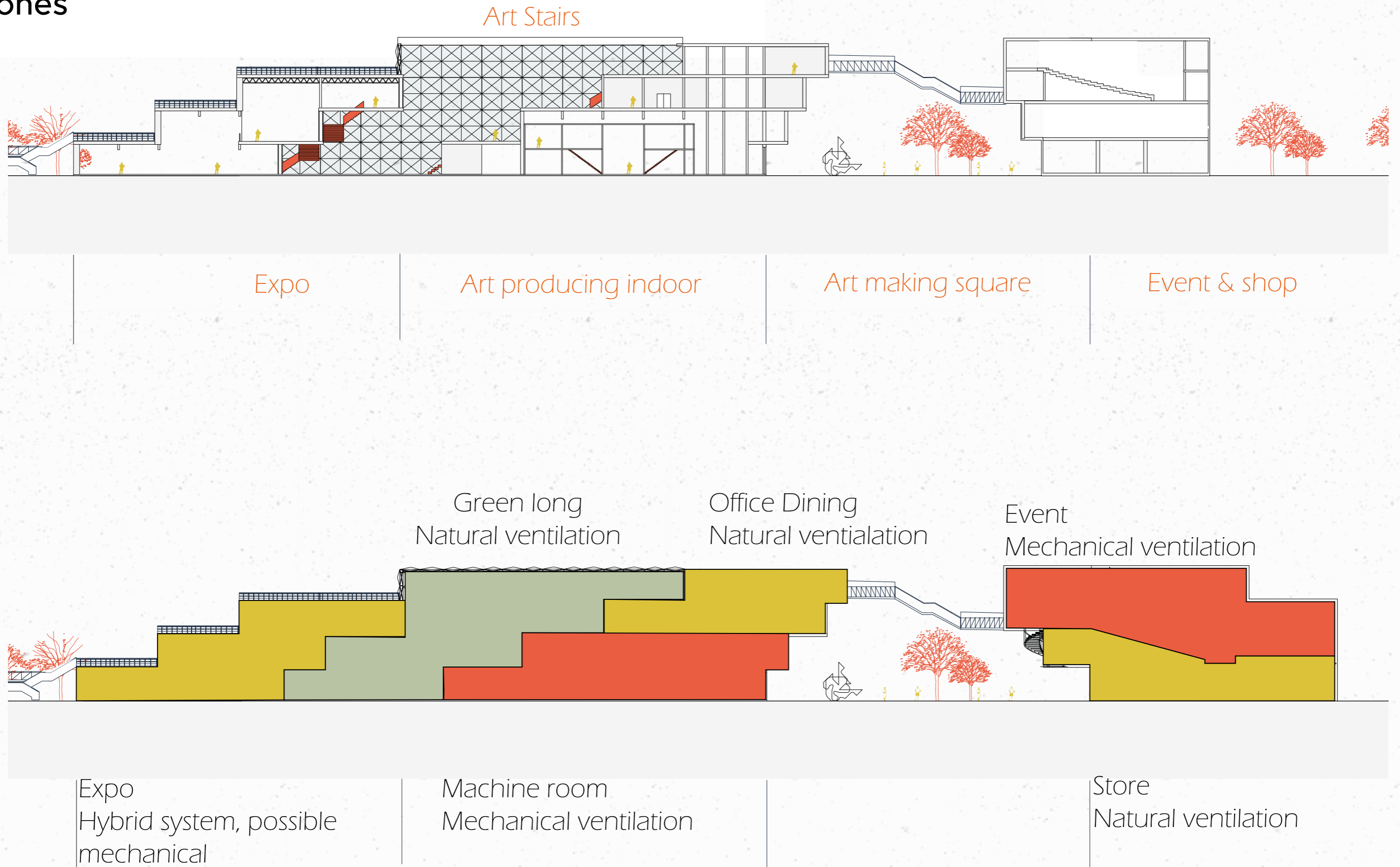


GOALL
PARTICIPATORY ART
THE DESIGN CONCEPT
THE SITE
SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
BUILDING IN DETAILS
ACTIVE MUSEUM OF ART



CLIMATE

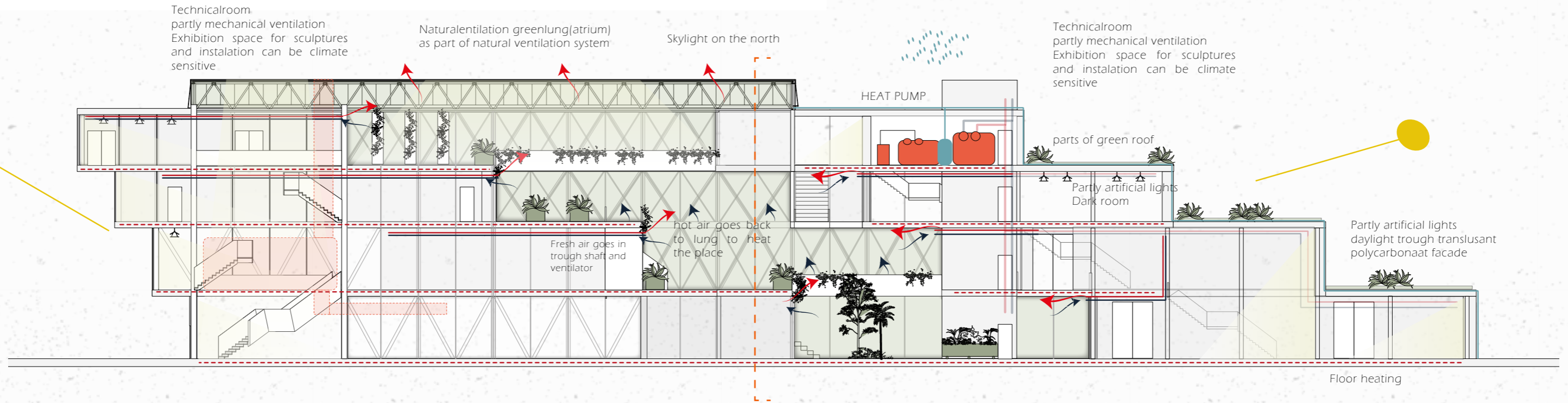
Zones



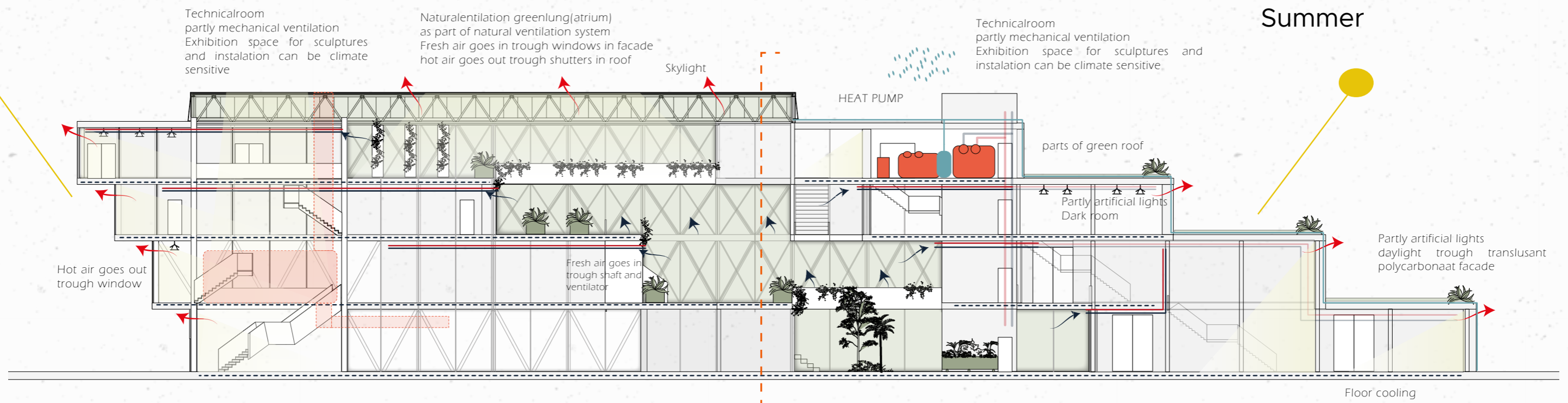
CLIMATE

Climate concept

winter

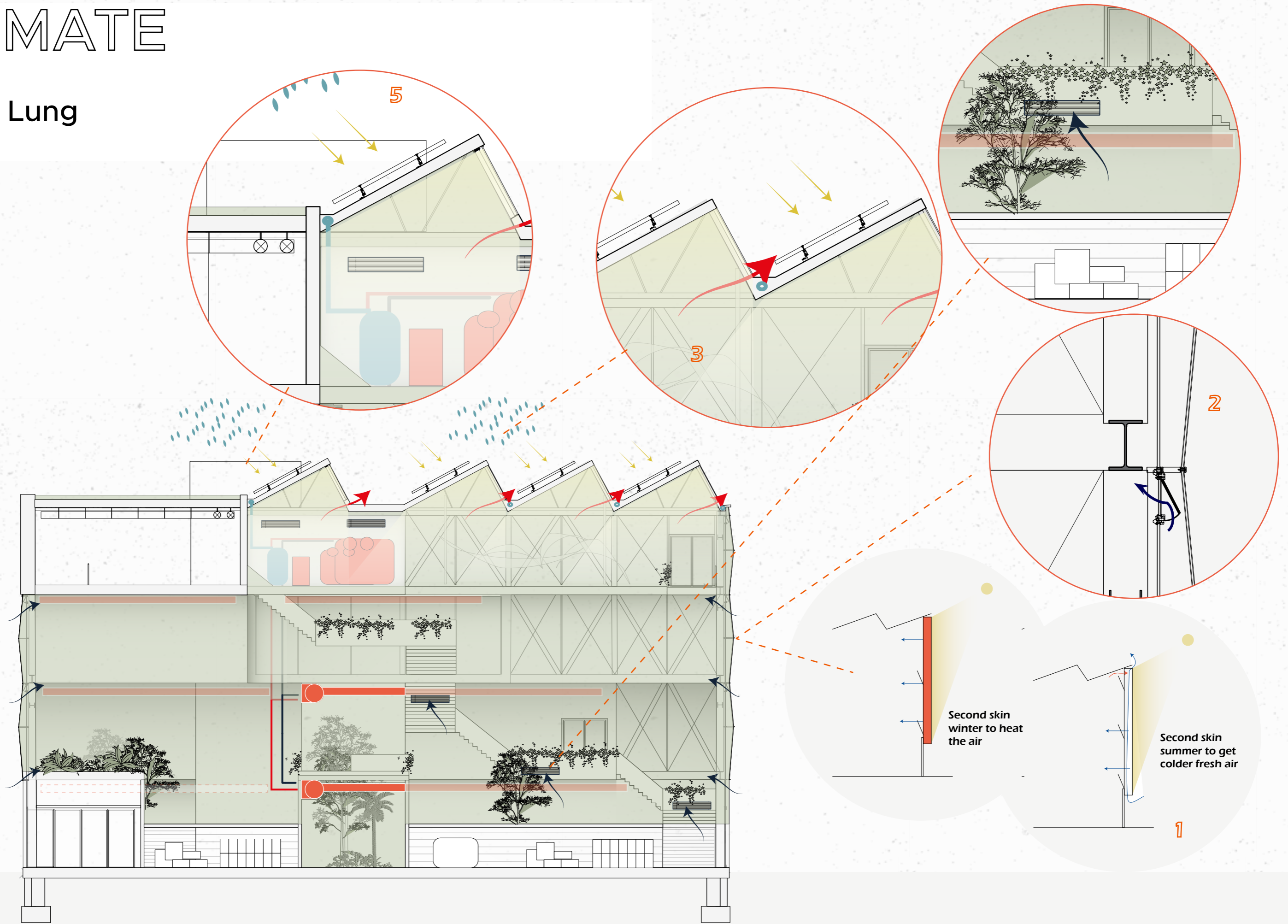


Summer

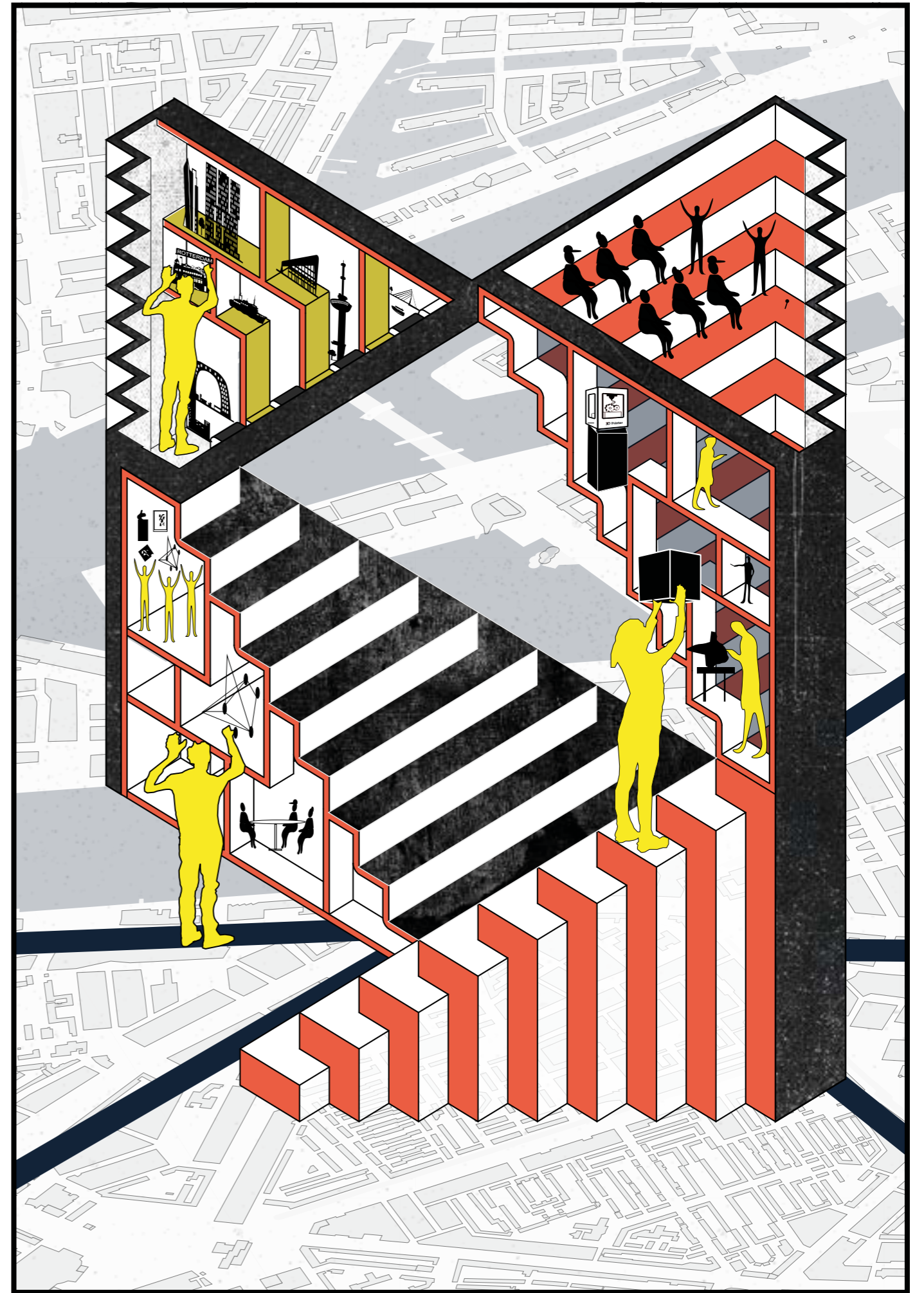


CLIMATE

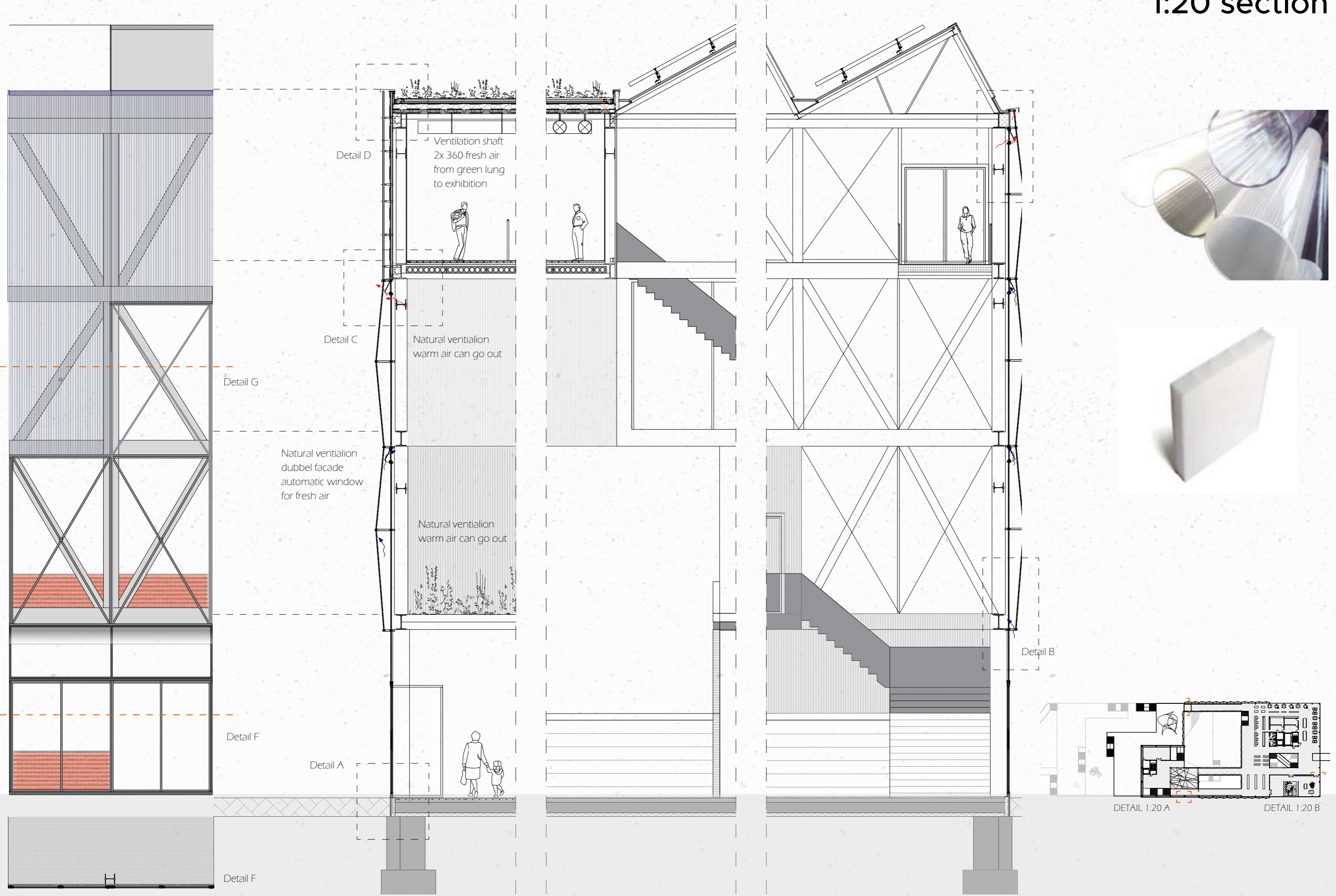
Green Lung

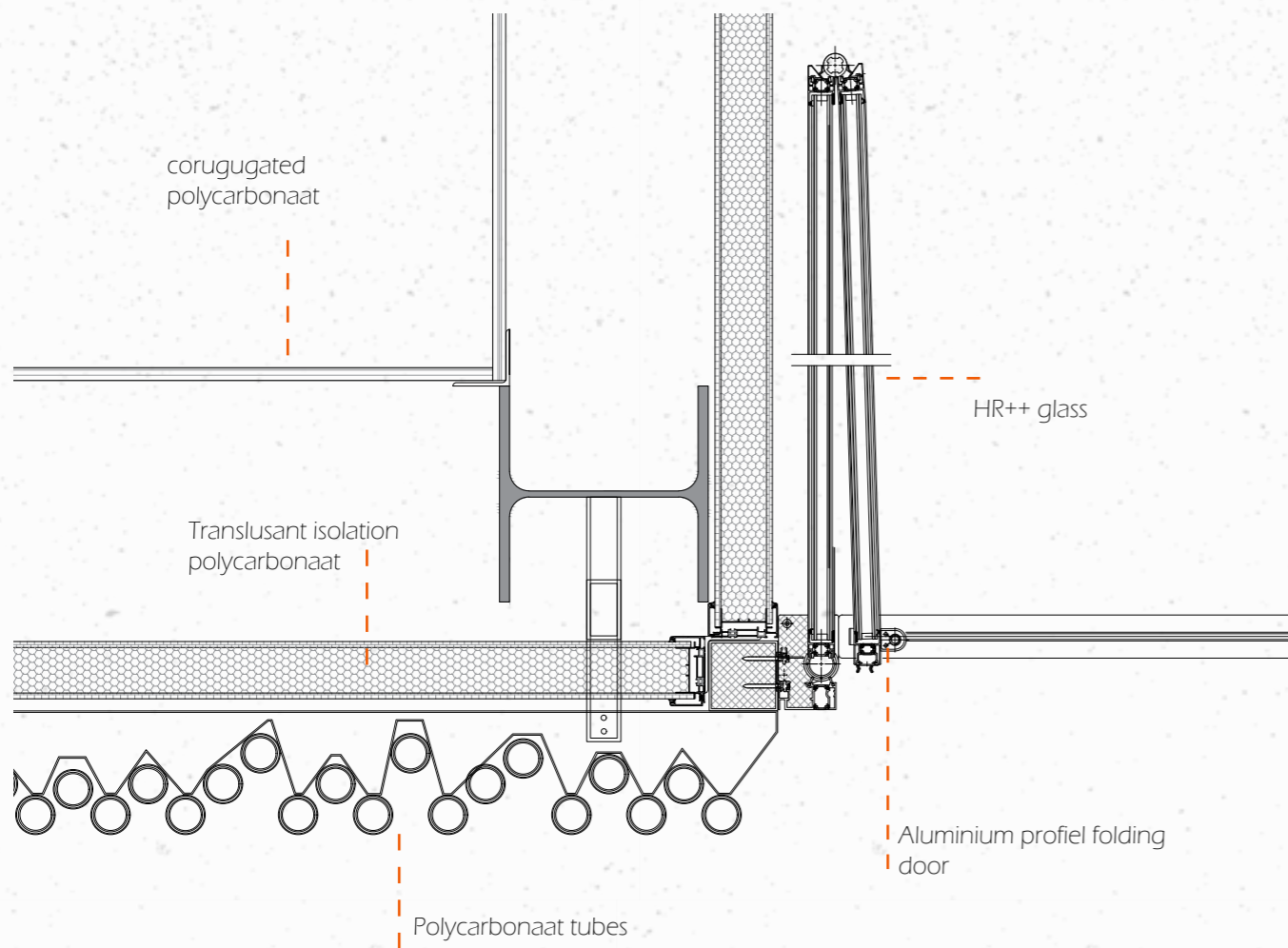
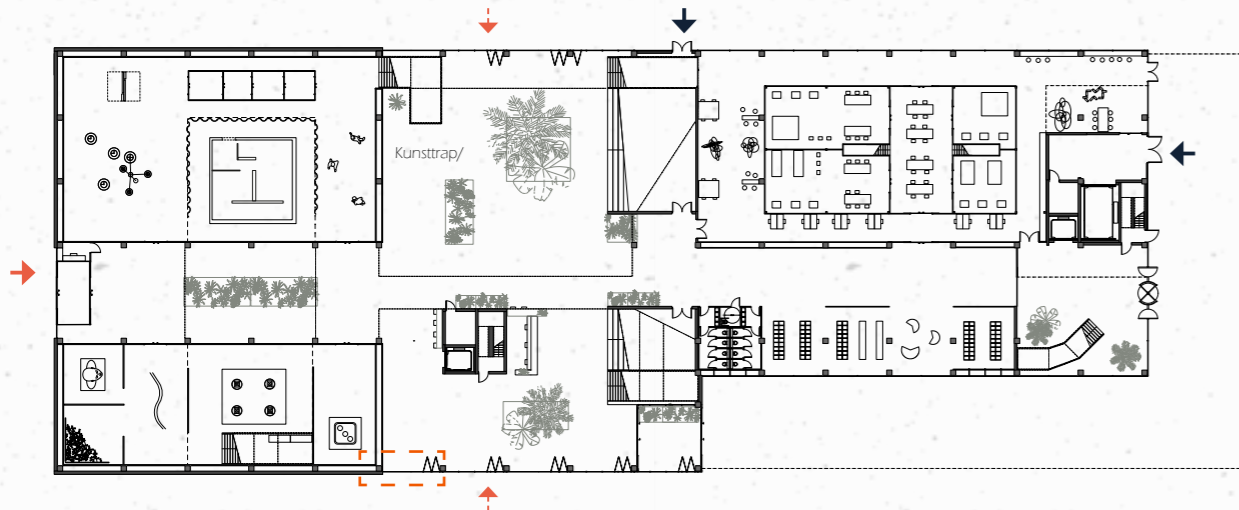


GOALL
PARTICIPATORY ART
THE DESIGN CONCEPT
THE SITE
SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
BUILDING IN DETAILS
ACTIVE MUSEUM OF ART

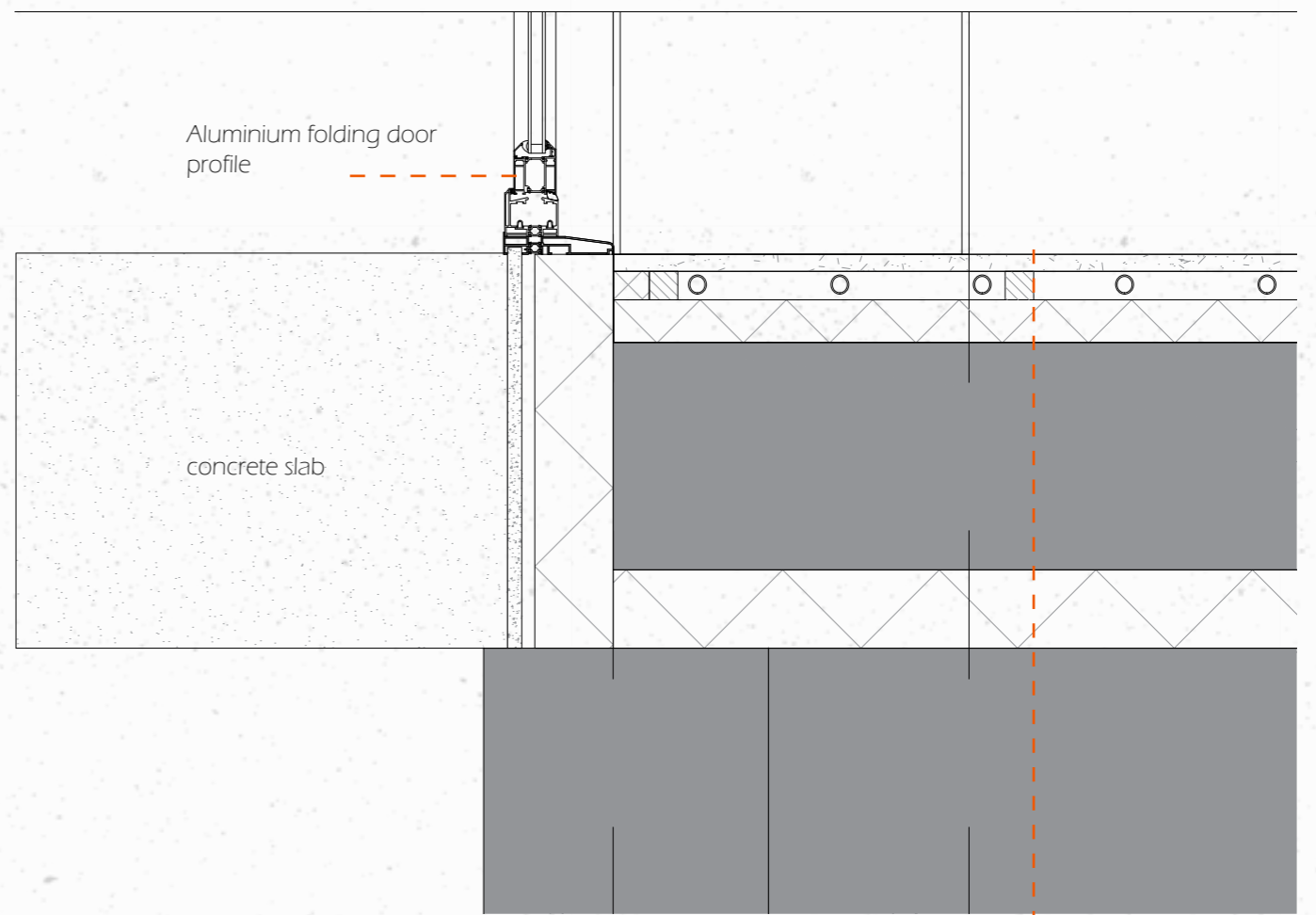


1:20 section



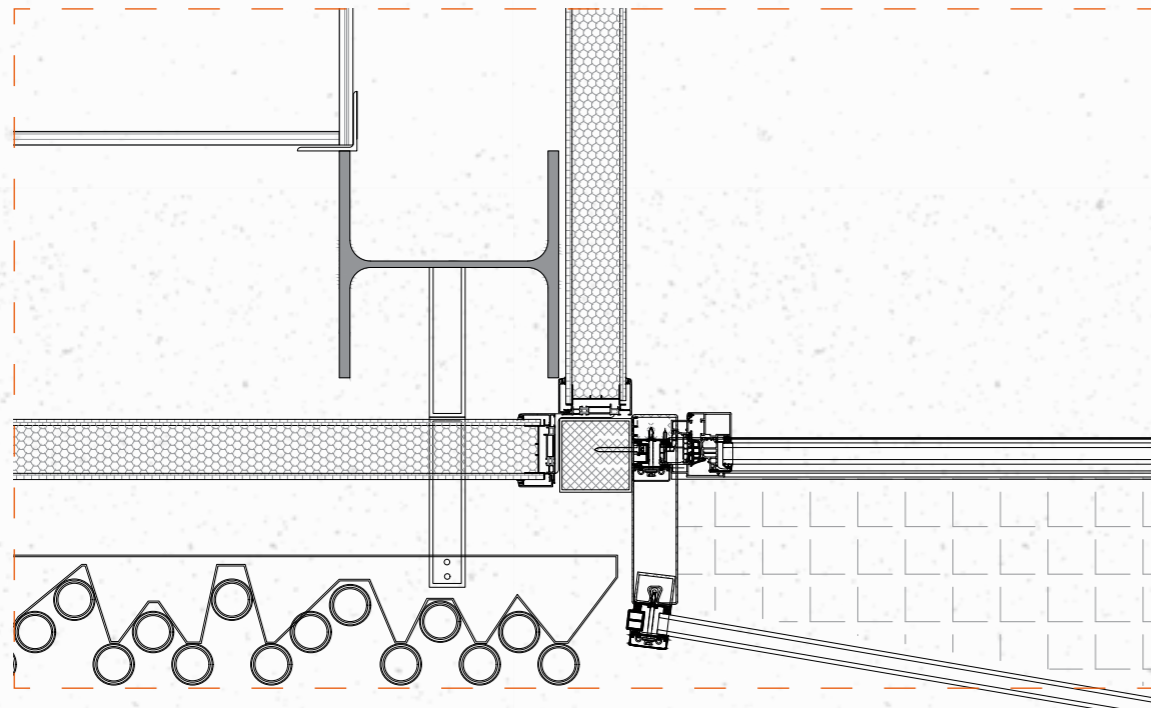


Detail F 1:10 two way folding door



Concrete top floor 20 mm
 batten and floor heating
 isolation 60mm
 concrete floor 200
 Isolation rockwool 110mm
 Concrete foundation

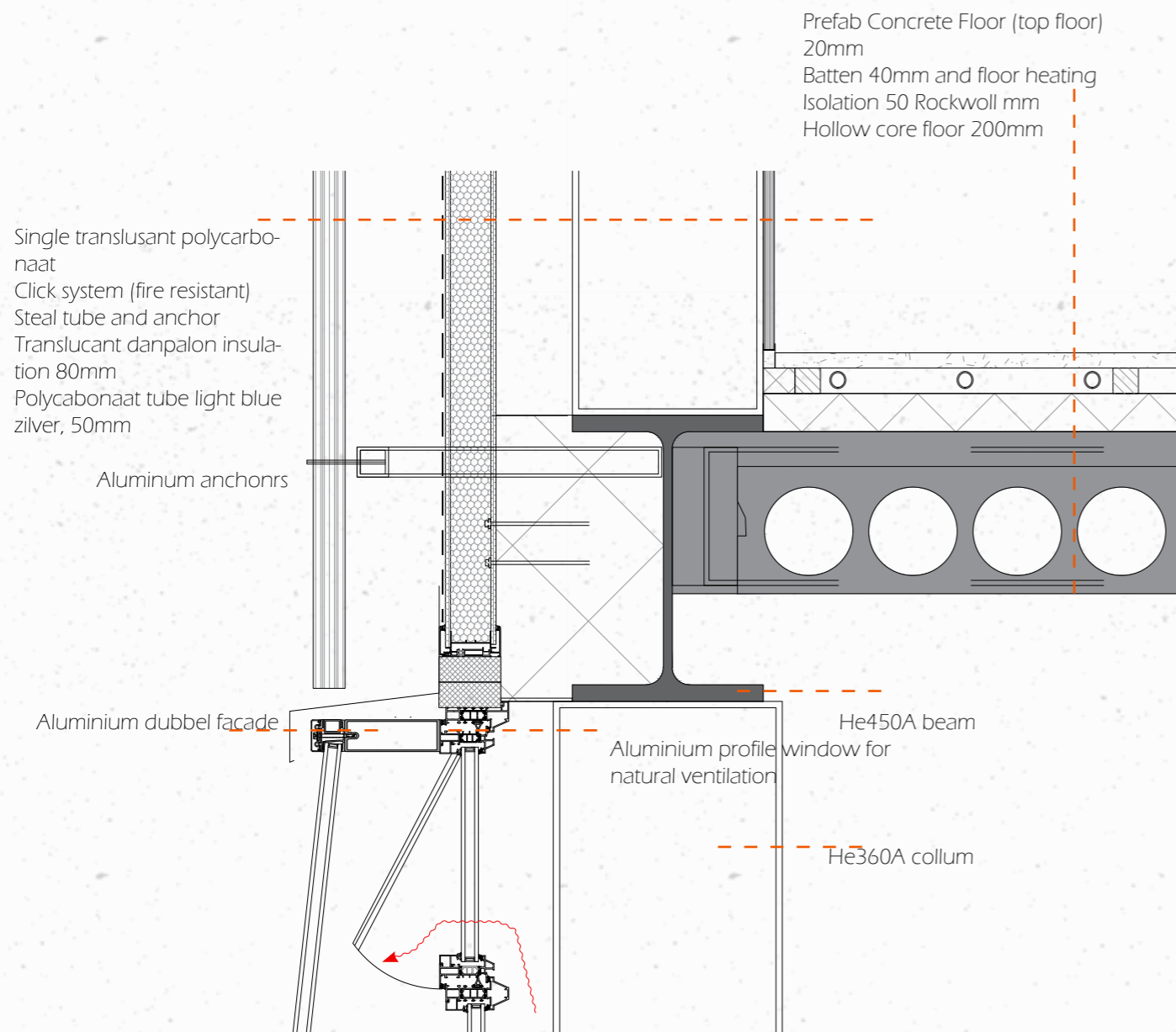
DETAIL A 1:10 foundation



Detail F 1:10 horizontal dubbel facade

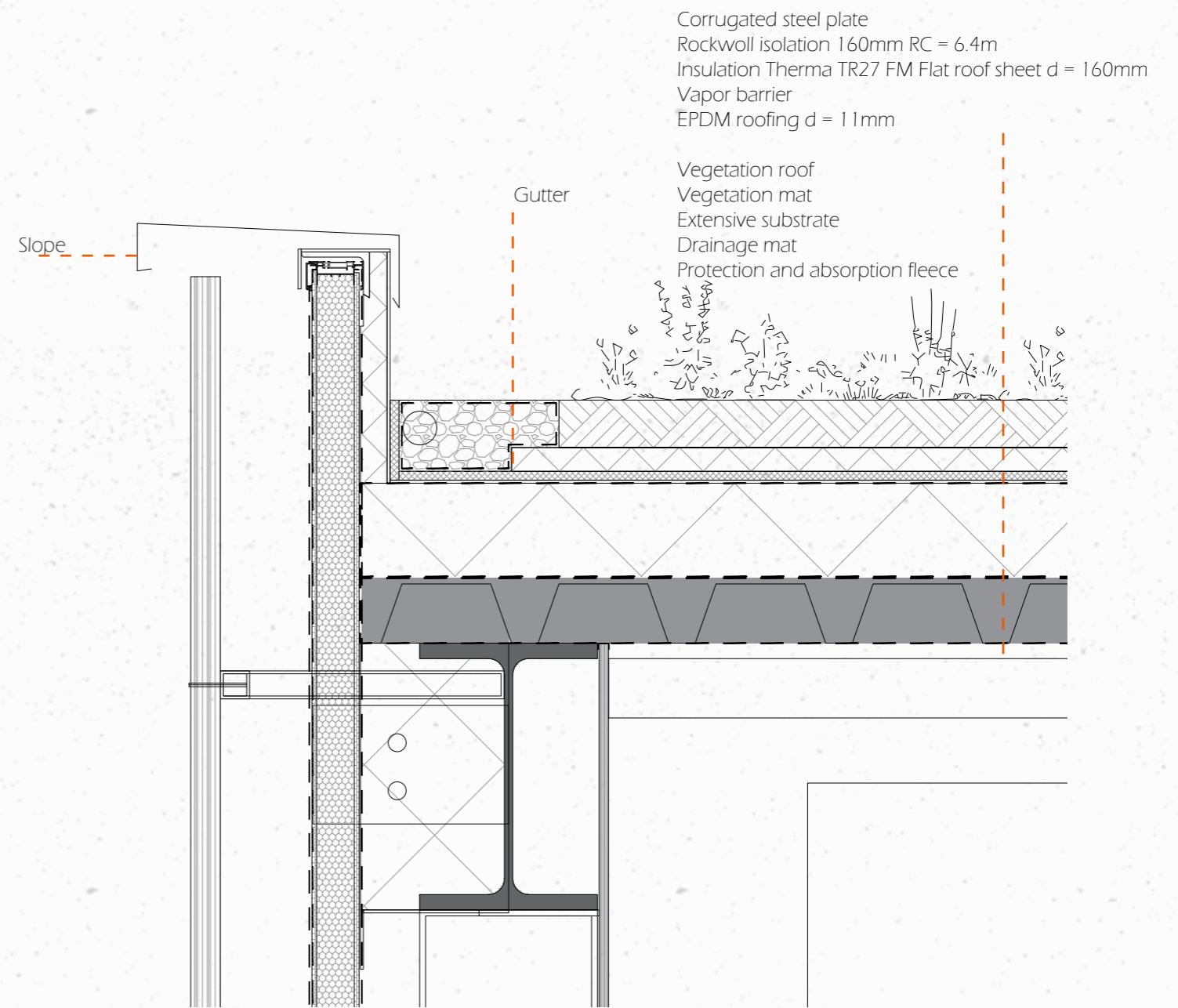


DETAIL G 1:20 horizontal



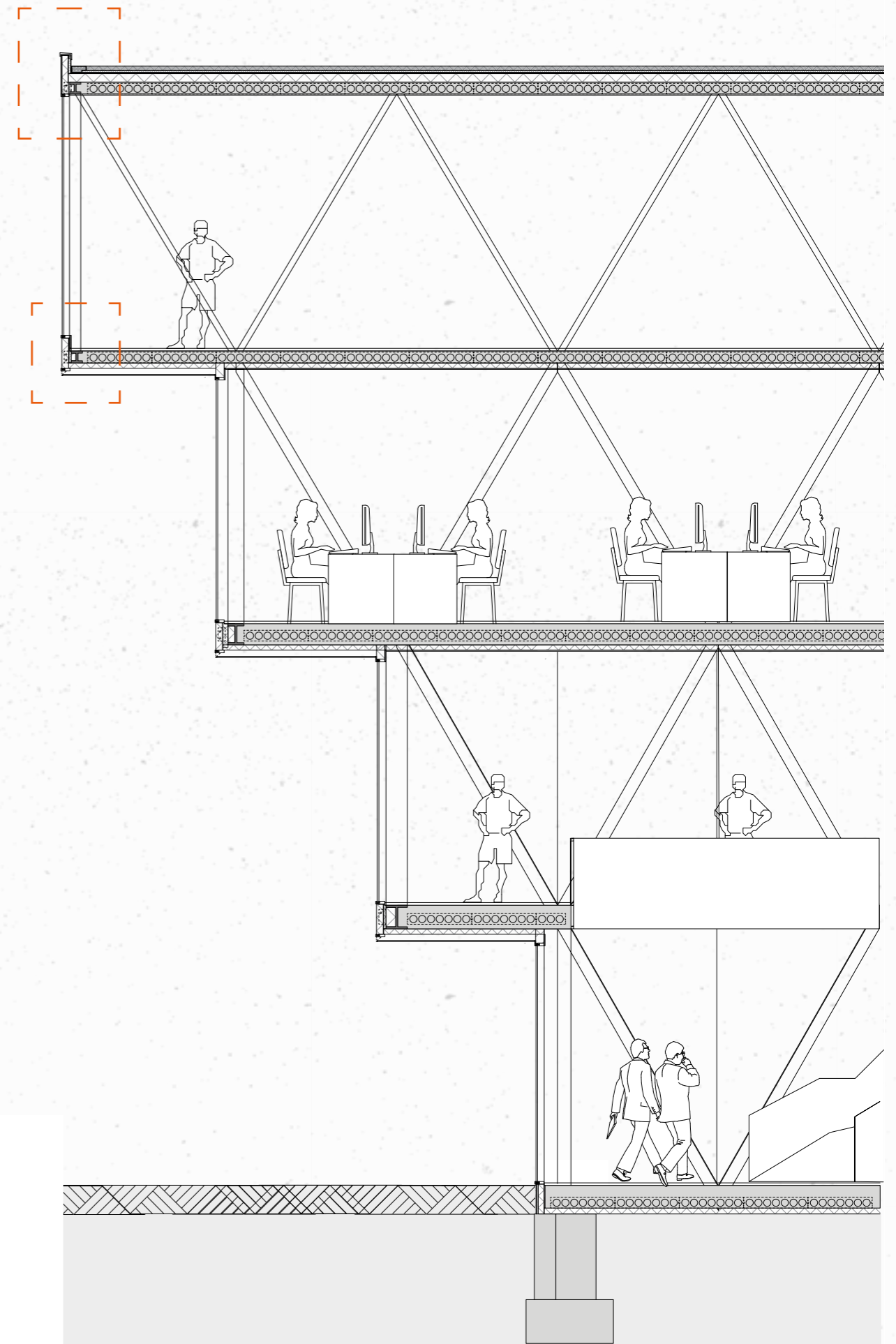
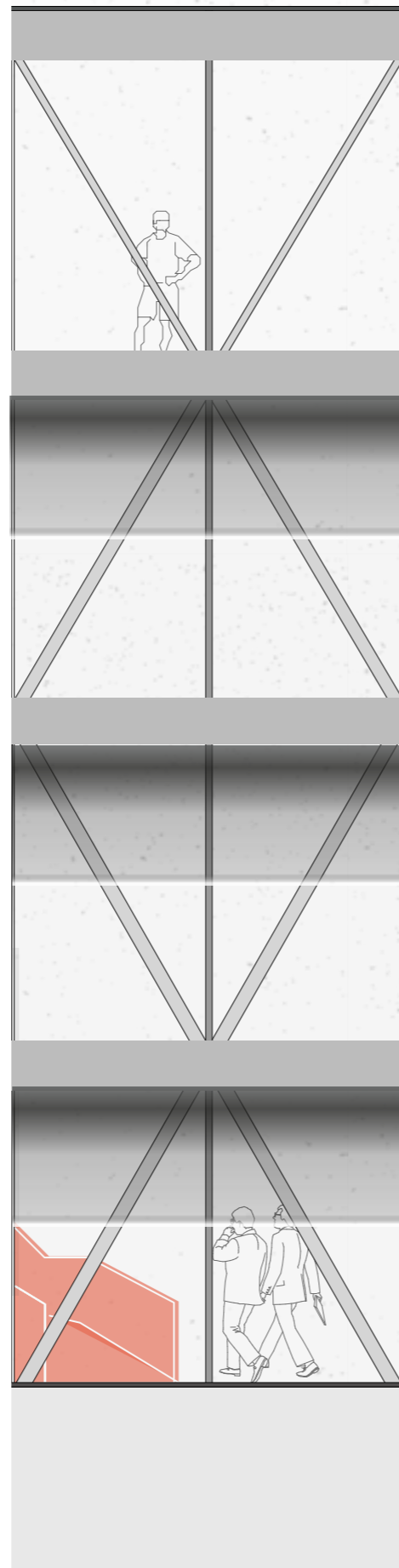
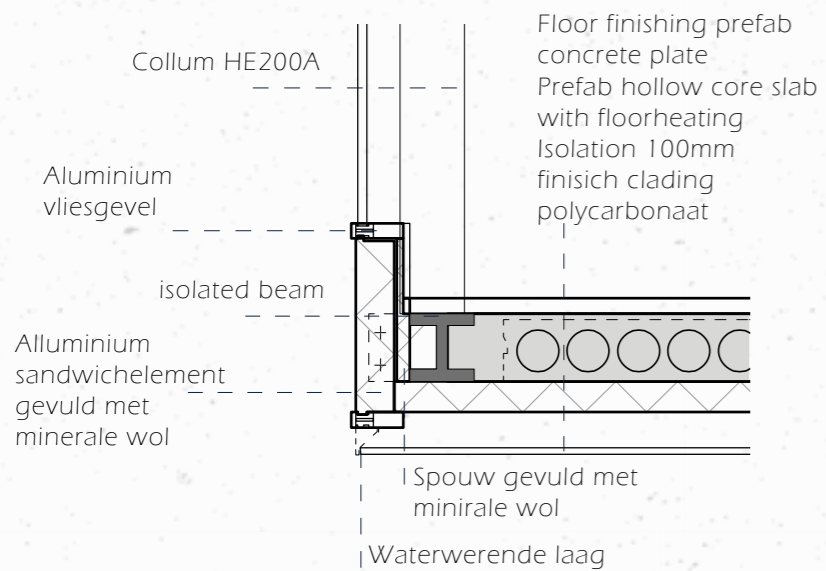
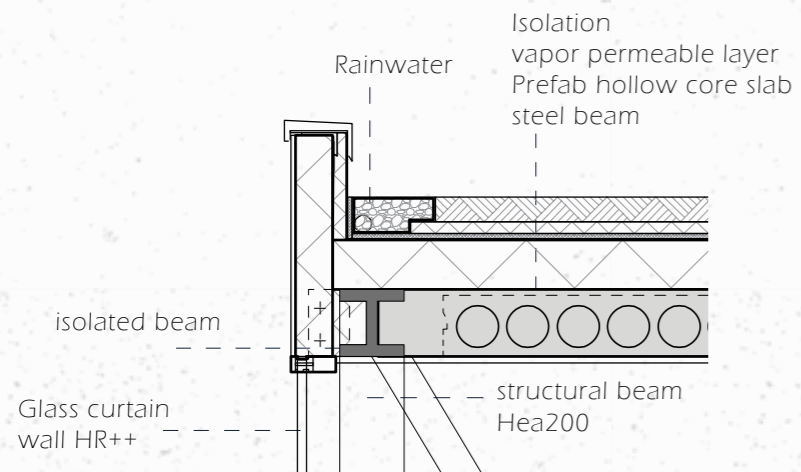
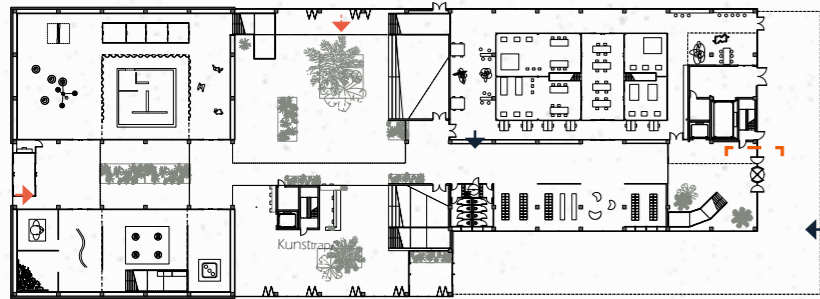
DETAIL C

1:10 floor and dubbel facade green lung



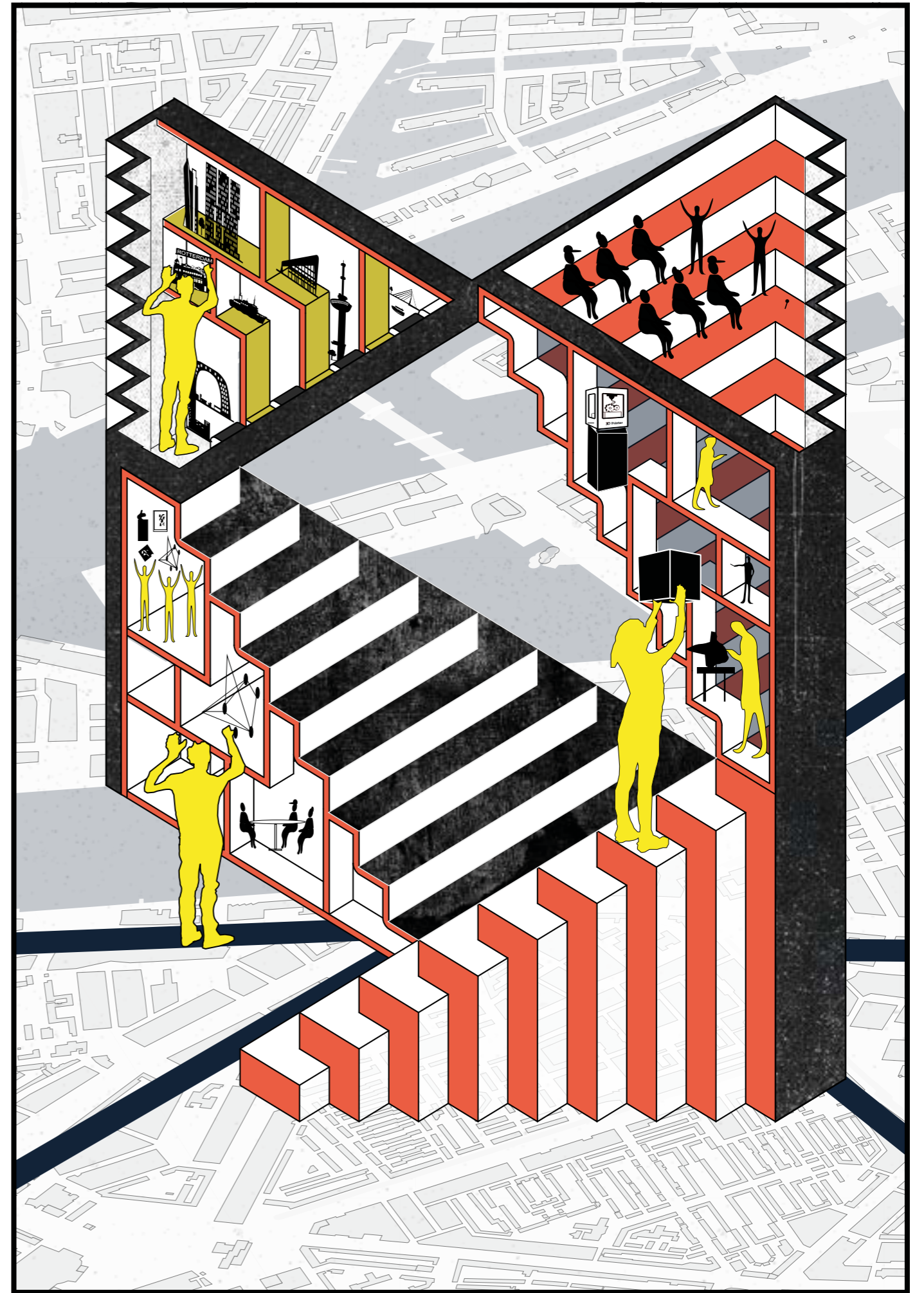
Detail D

1:10 roof



Detail B 1:20

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PARTICIPATORY ART
THE DESIGN CONCEPT
THE SITE
SITE SECTIONS
THE BUILDING
BUILDING ELEMENTS
CLIMATE
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ACTIVE MUSEUM OF ART

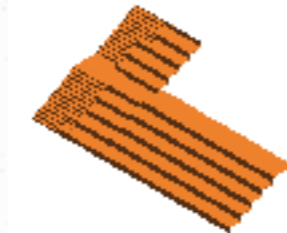
Art Stairs collection & Green Long



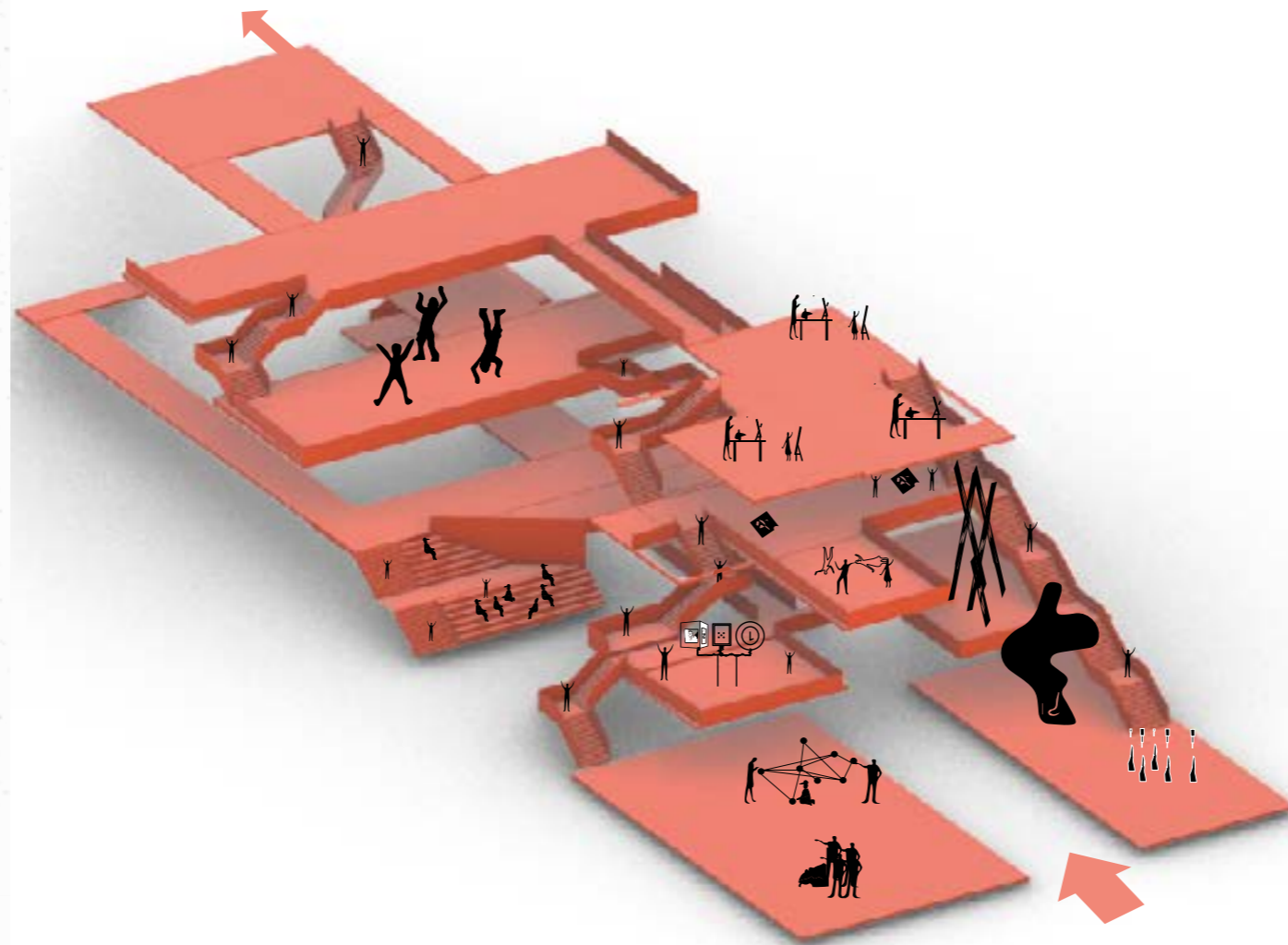
Winding/ moving stairs
(constant, favela)



crossing stairs for so-
cial interaction



Social interaction



ACTIVE MUSEUM OF ART

Art Stairs collection & Green Long



ACTIVE MUSEUM OF ART

Art Stairs collection & Green Long



ACTIVE MUSEUM OF ART

Art Stairs collection & Green Long



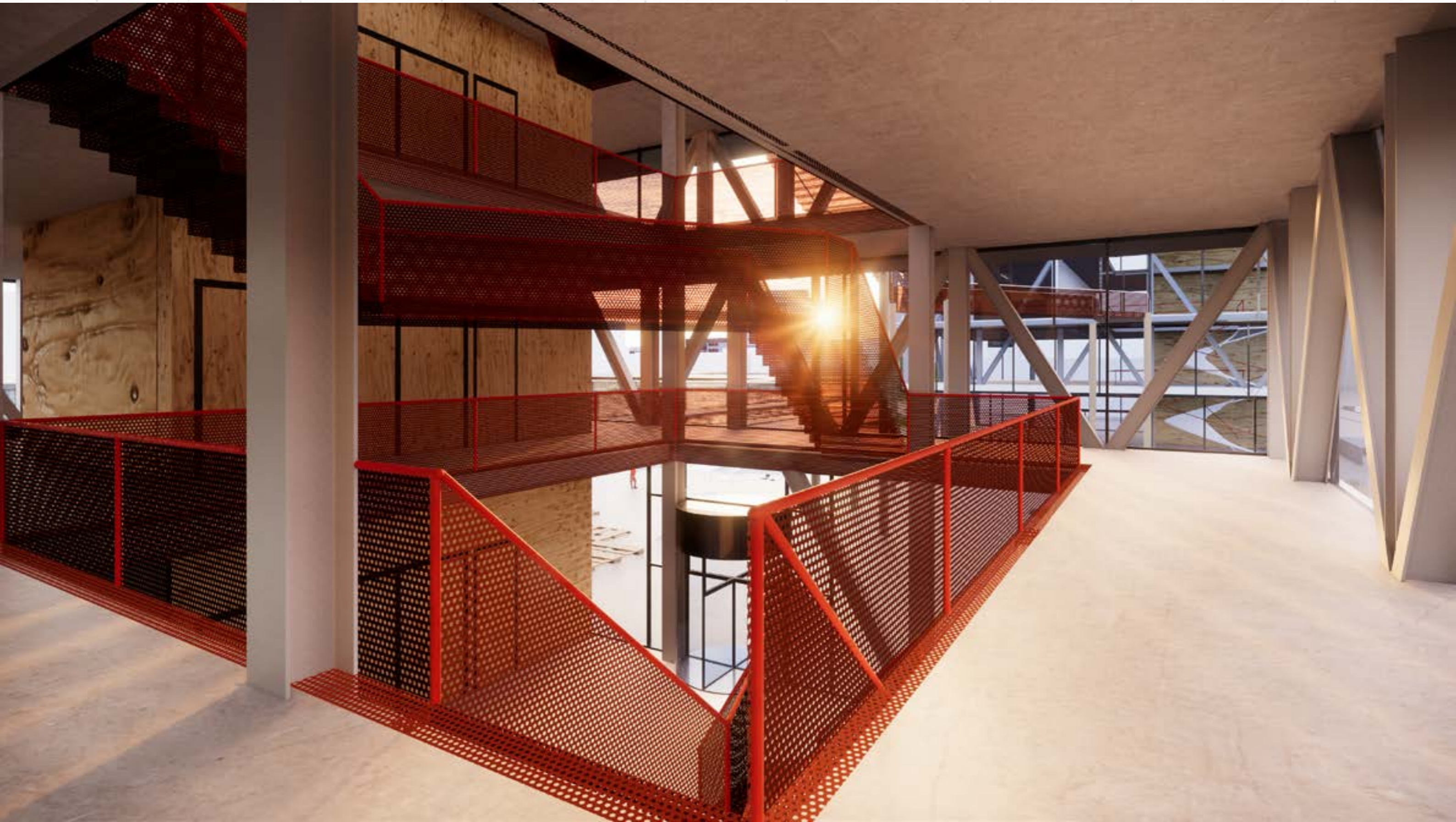
ACTIVE MUSEUM OF ART

Art Stairs collection & Green Long



ACTIVE MUSEUM OF ART

Art Stairs collection & Green Long



ACTIVE MUSEUM OF ART

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THANK YOU FOR
PARTICIPATORY
PARTICIPATION