



● vaLues

subject
innovation
missing parts
waterfront
structural division
repetition
scale
lighting
transit system
circulation
detailing
materiality

● starting points

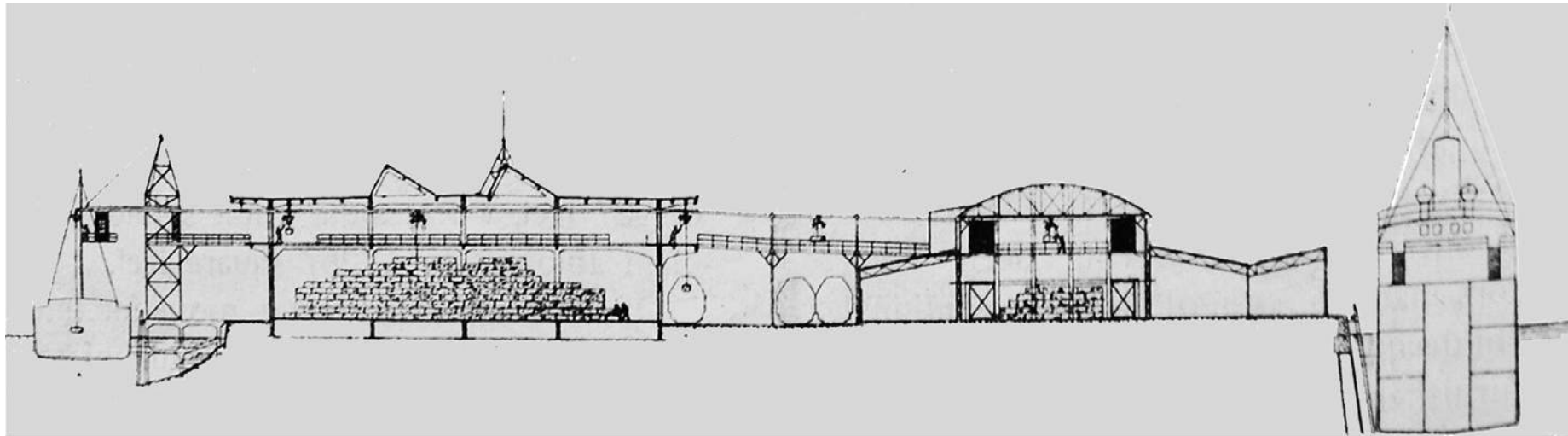
evaluation matrix
analysis' conclusions
research question
transformation framework
design guidelines
capacity of existing
traces of change
programme's choice
organization of space

● Design

2

precise programme
references
first ideas
physical model 1:500
entrance & circulation
ramp & sample room
context- routing
masterplan sketches
masterplan
route
floor plans
introduction
multifunctionality
sections
structure
theatre space
climate design
facade
view from street
bt details
materials





Original section drawing, 1919
«The pioneer», 1919, Stadsarchief Rotterdam

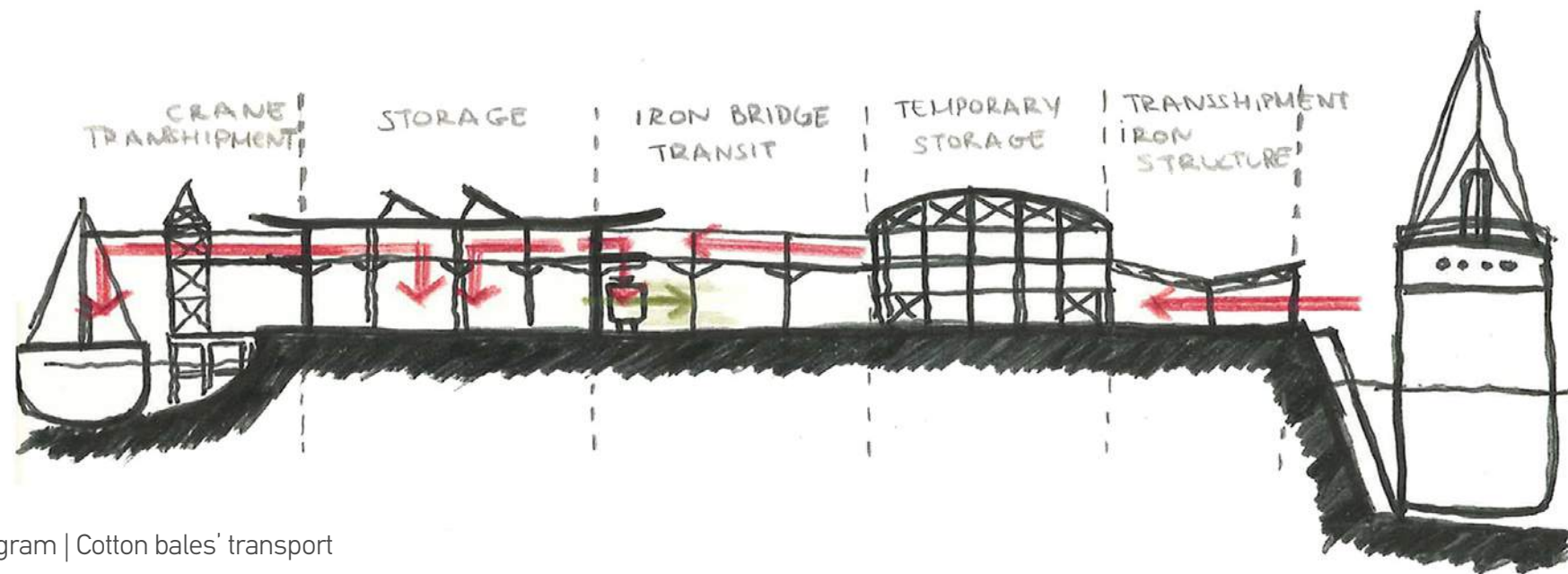
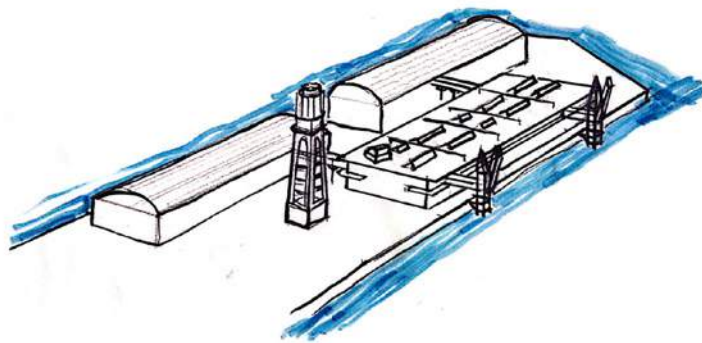


Diagram | Cotton bales' transport



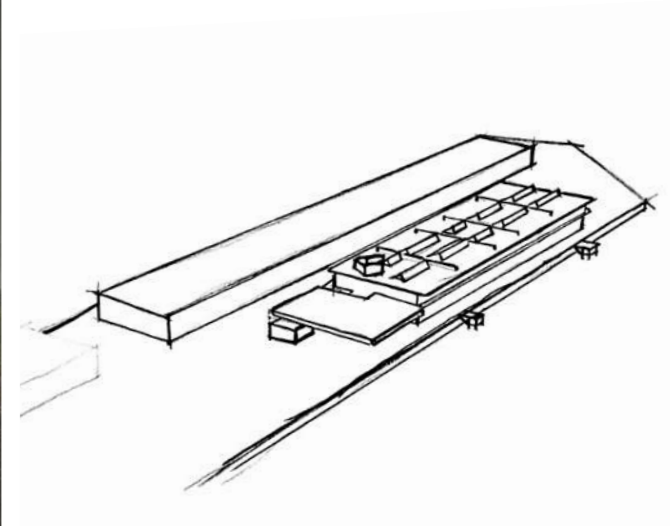
PAST (1920)

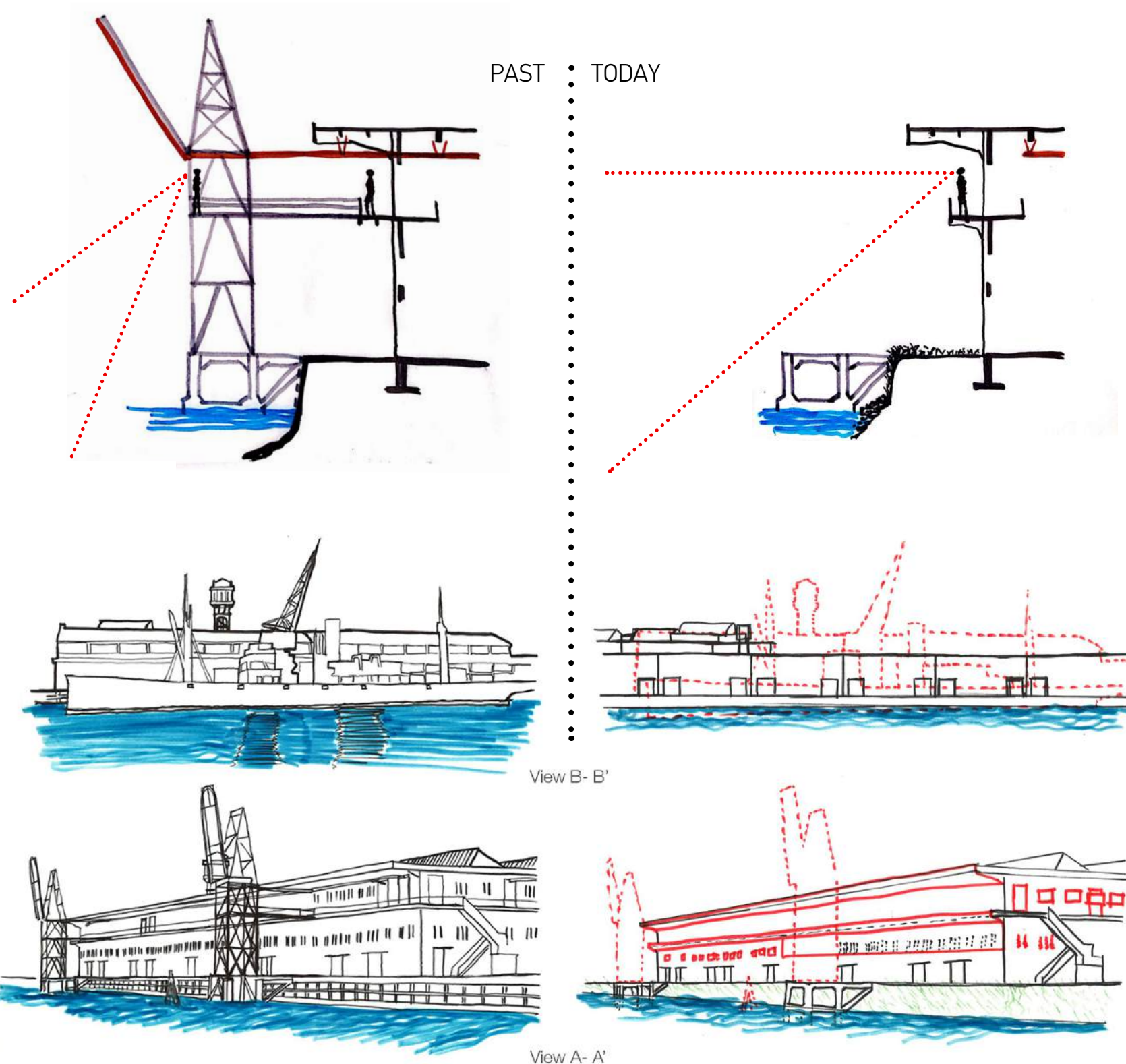


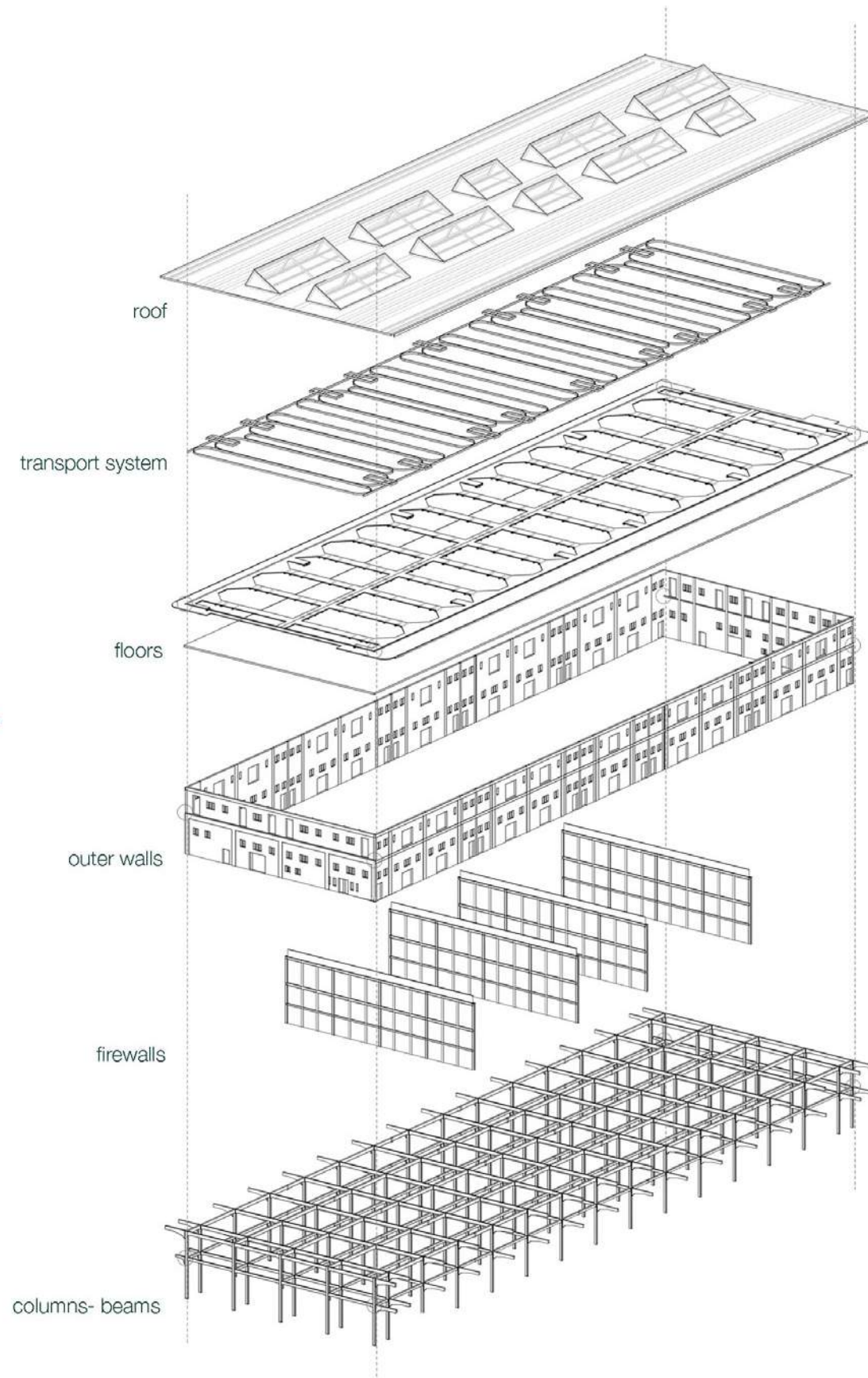
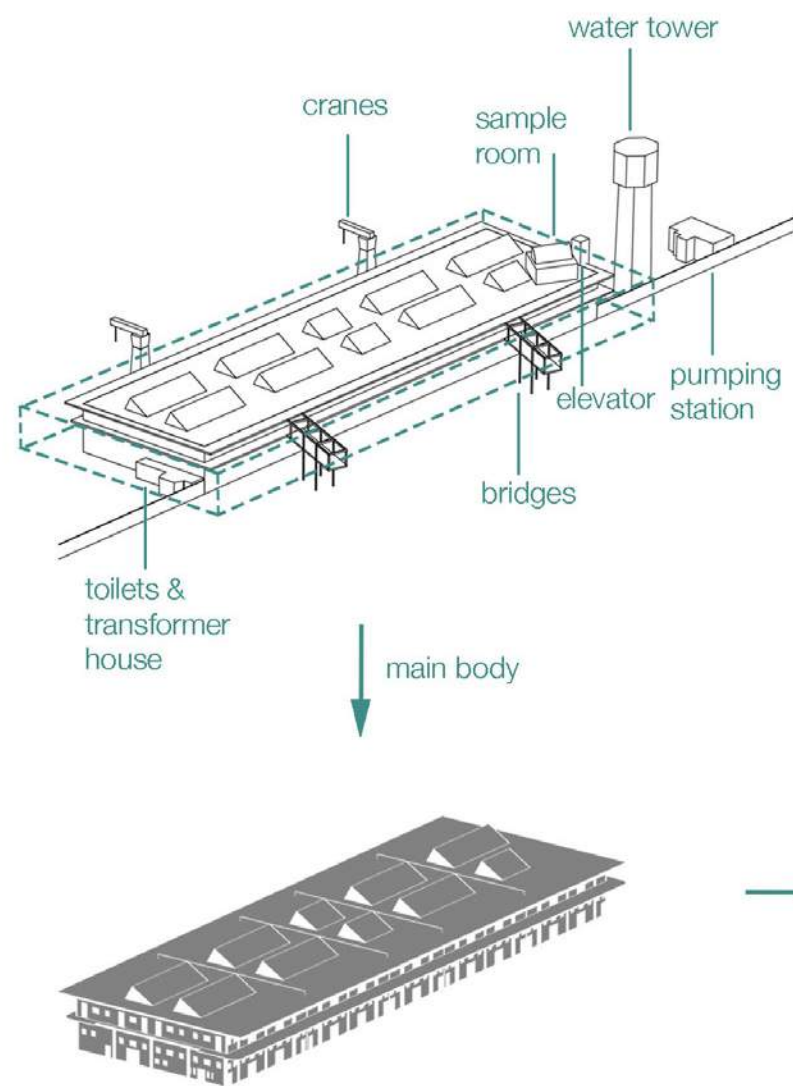
Views form 1920 | Historisch Centrum Overijssel

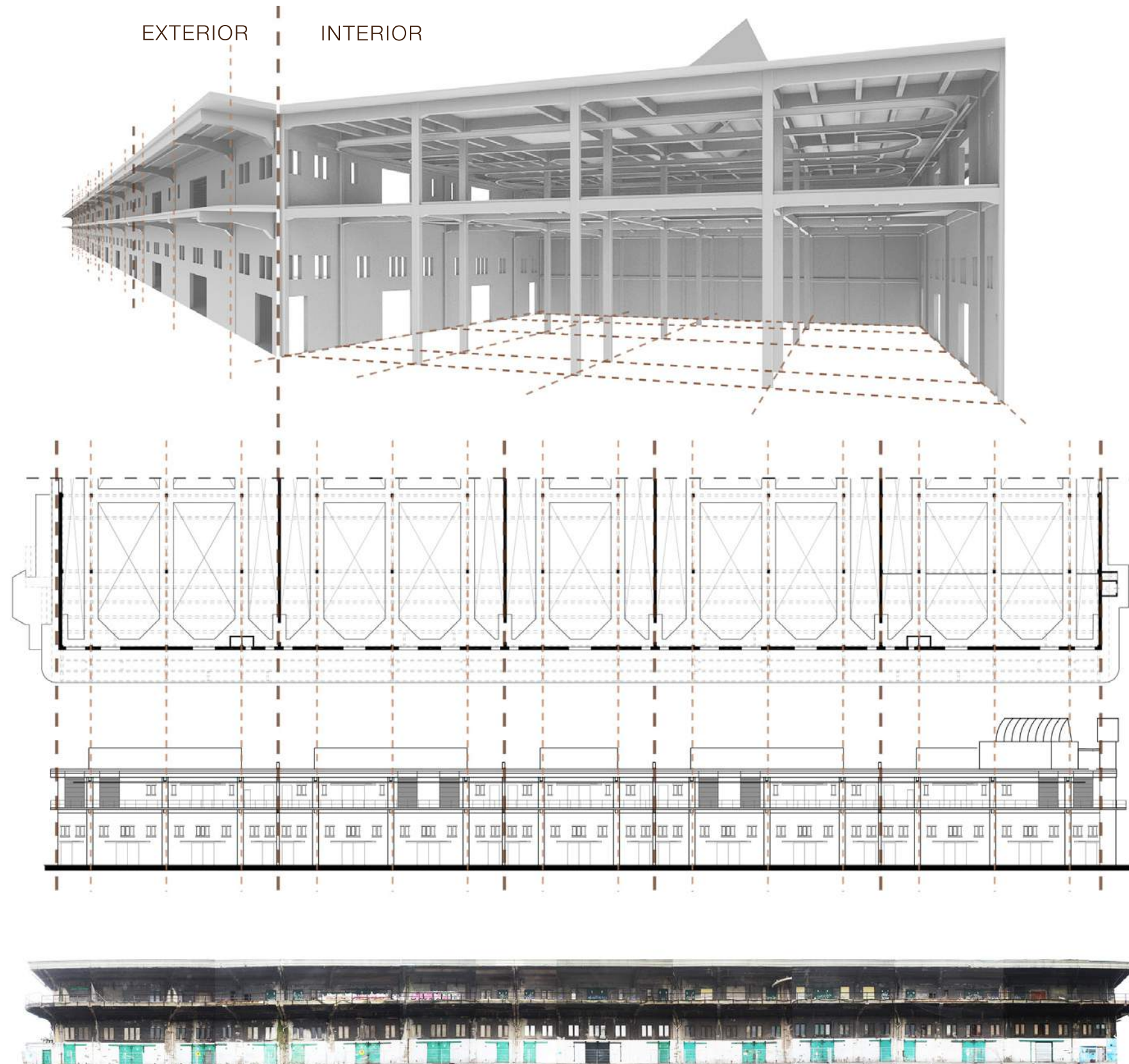


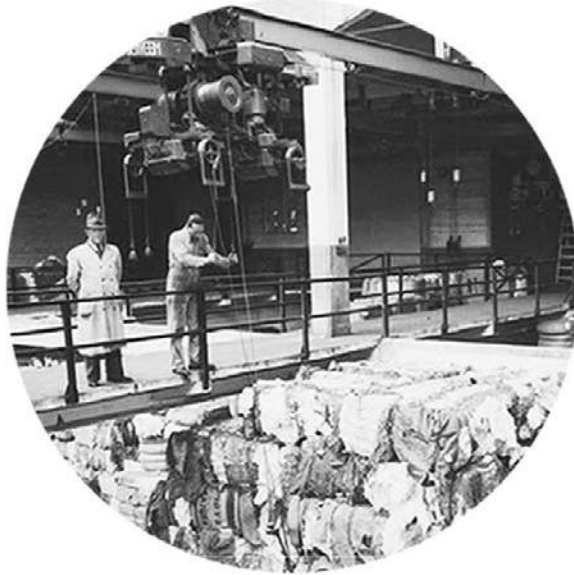
TODAY (2016)



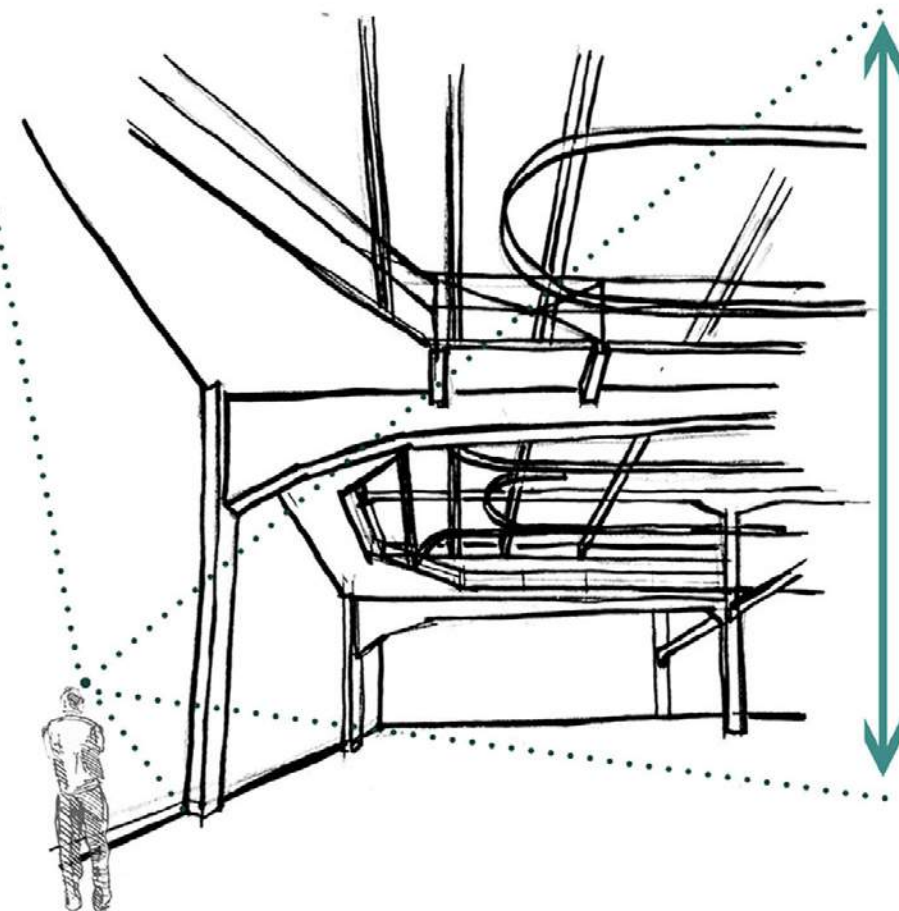
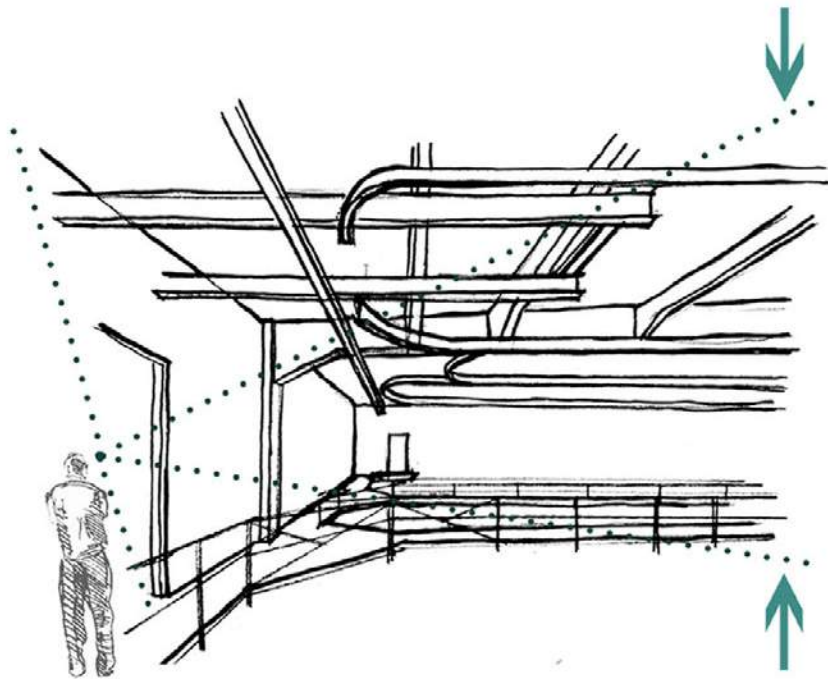


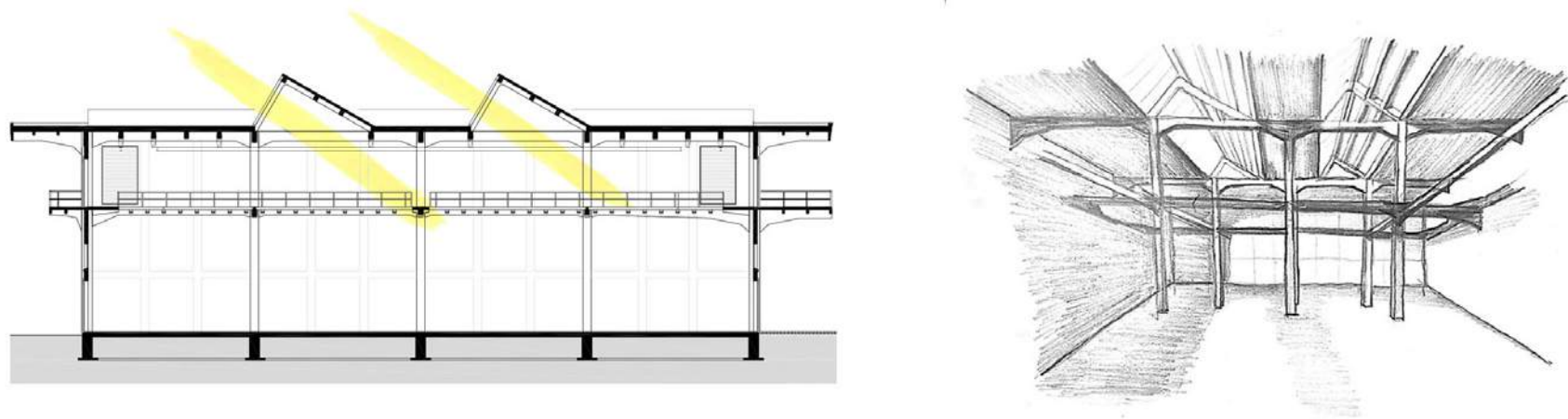
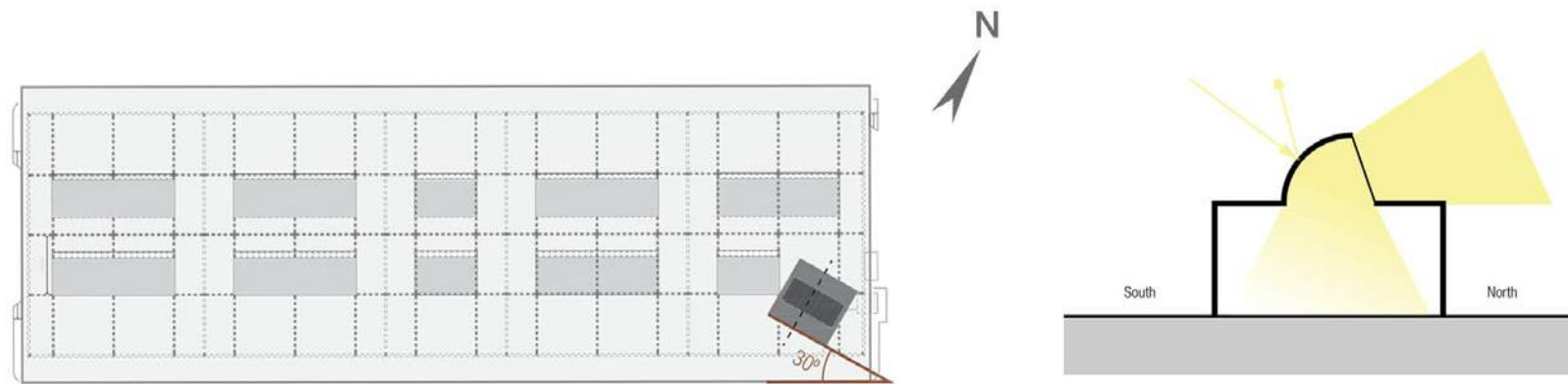


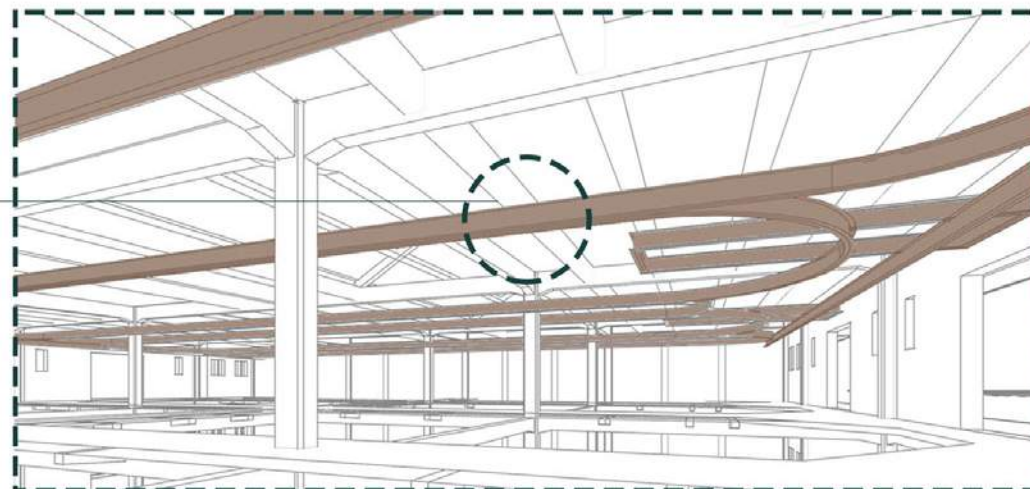
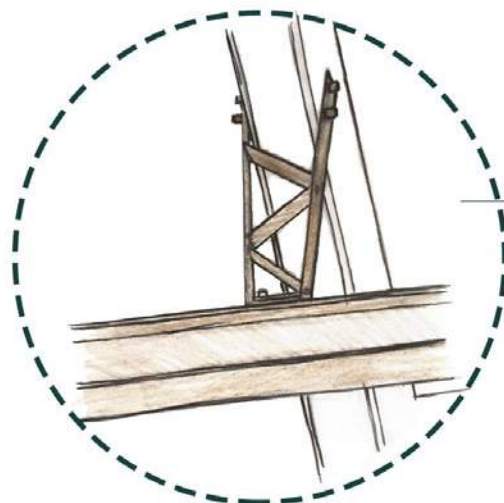
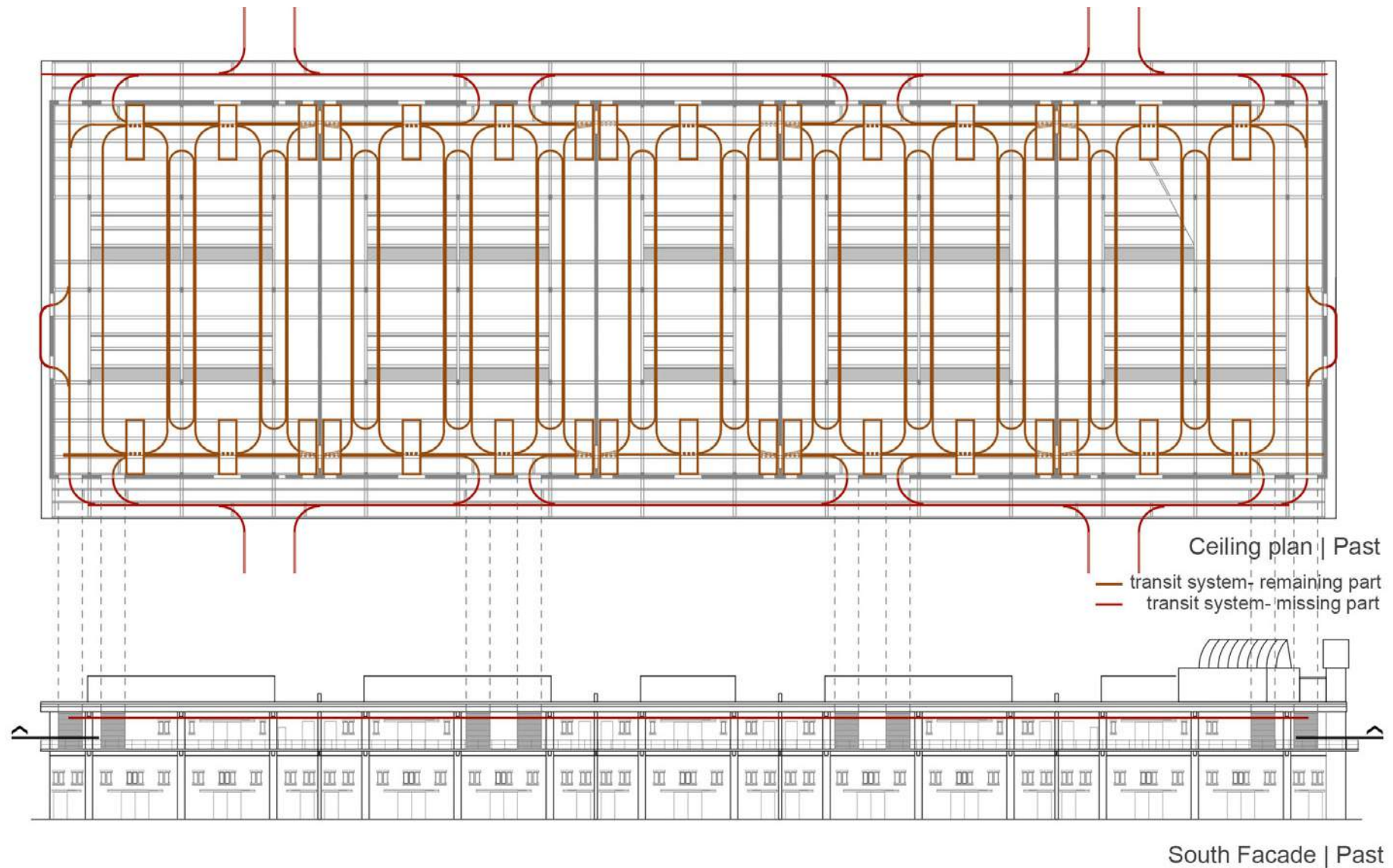


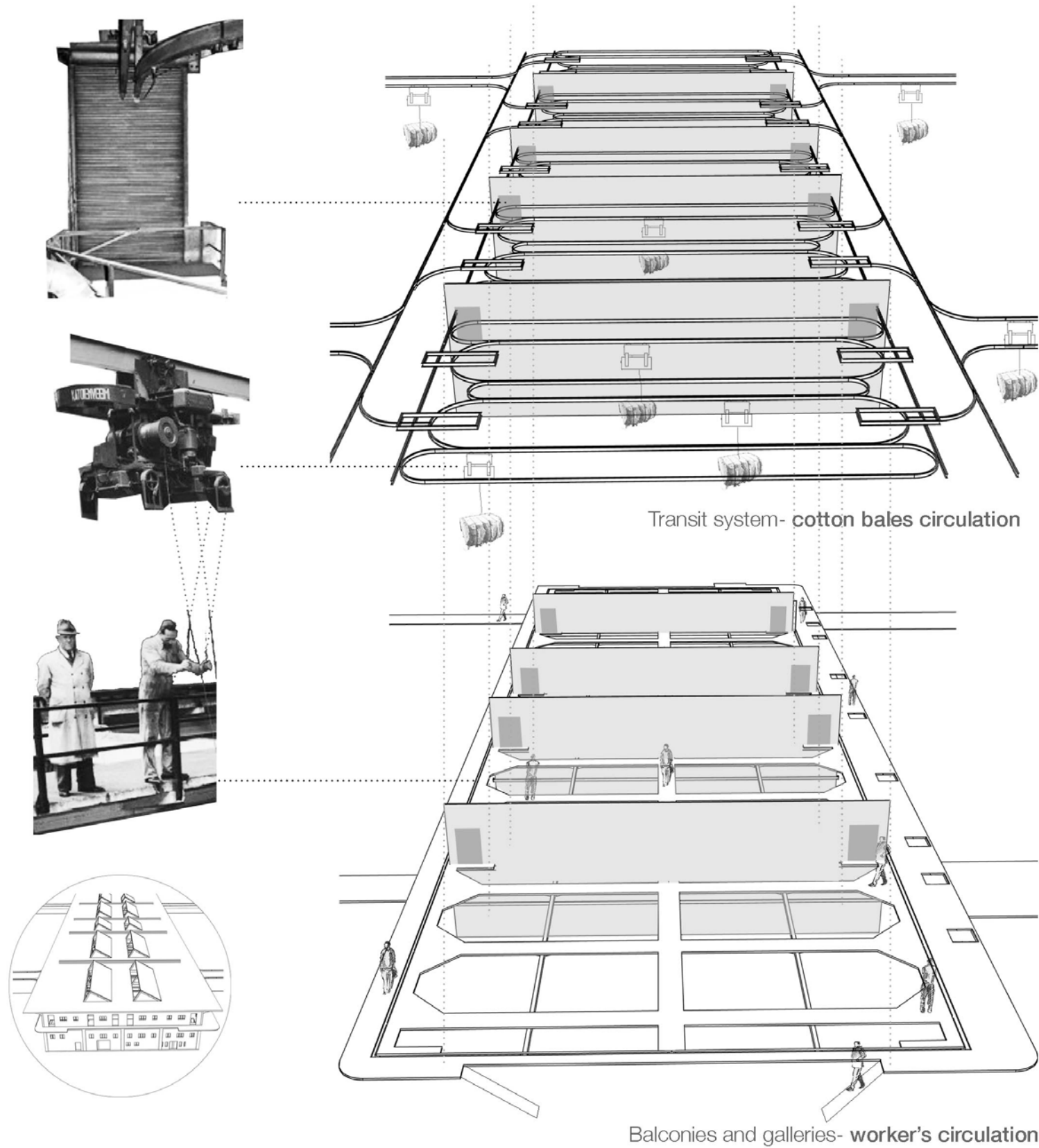


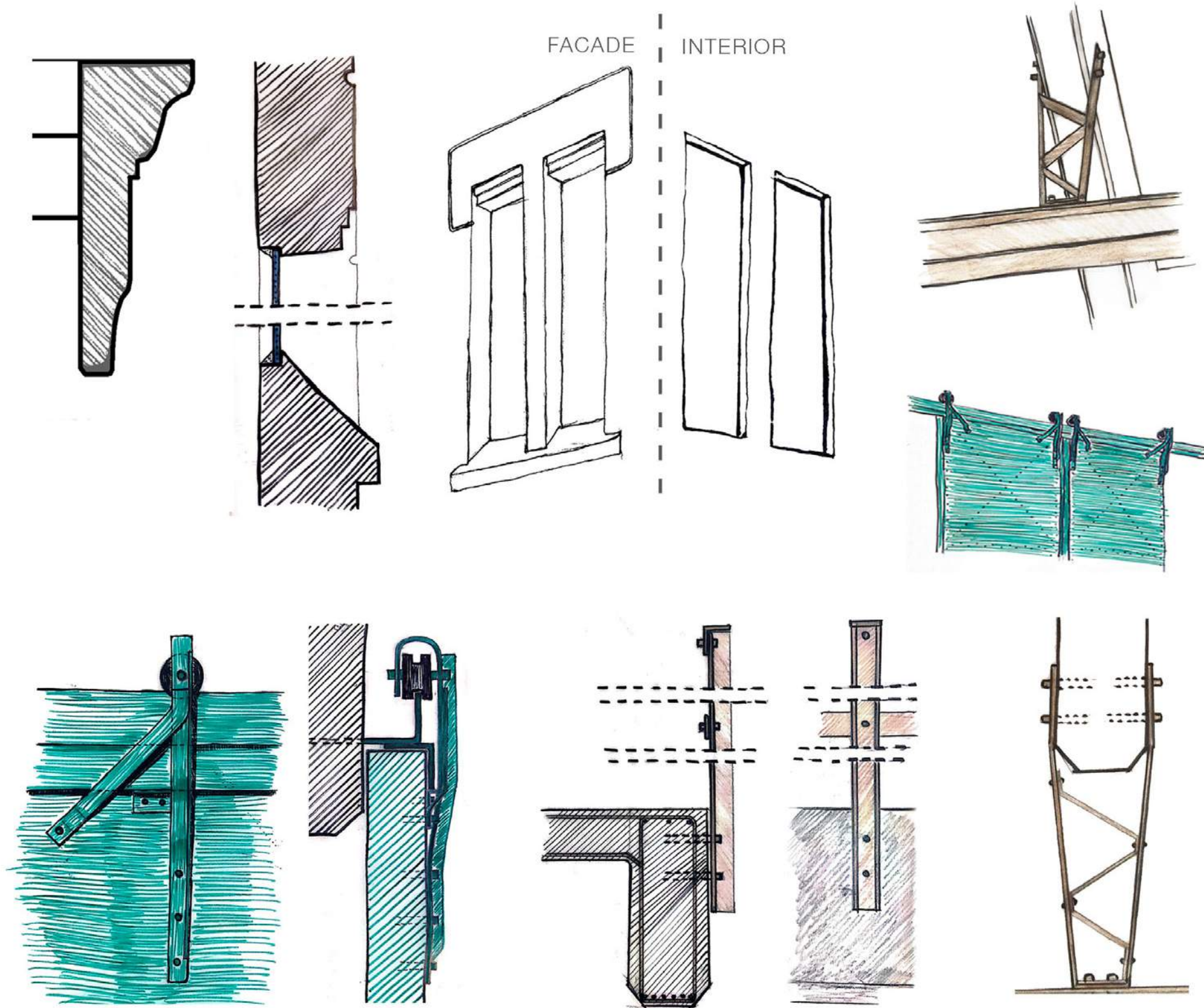
PAST Vs PRESENT













STEEL ELEMENTS



WIRE- GLASS



PLASTER



CONCRETE

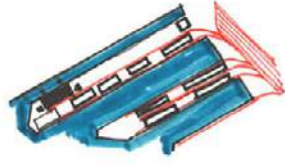
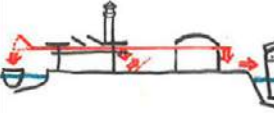
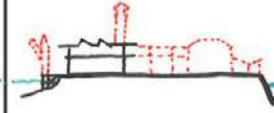
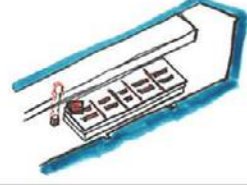
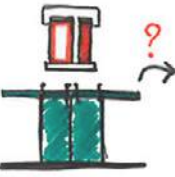
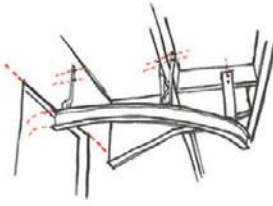
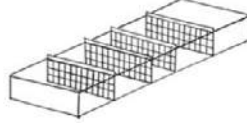
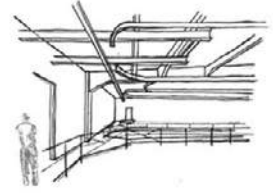
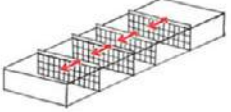
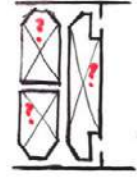
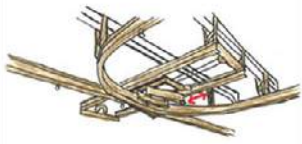
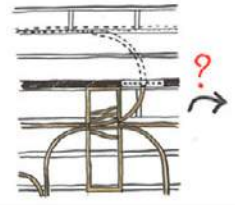
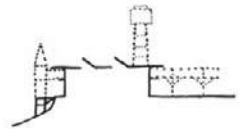


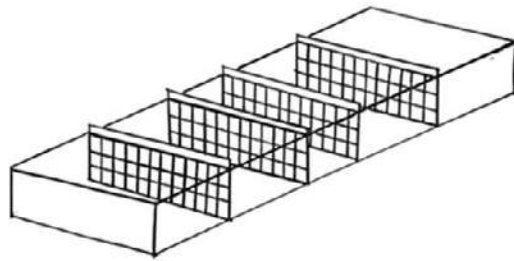
SAND CEMENT



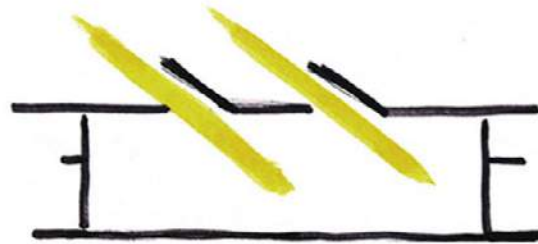
CONCRETE

evaluation matrix

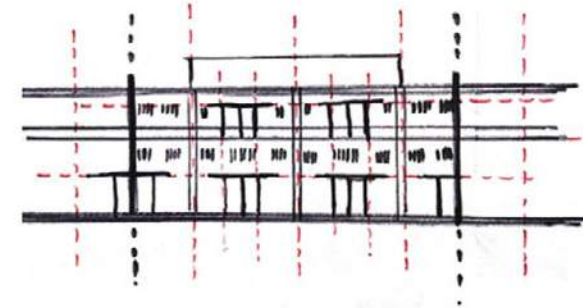
	<i>Artistic</i>	<i>Historical</i>	<i>Use</i>	<i>Newness</i>	<i>Conflict</i>	<i>Comme- morative</i>	<i>Dilemma</i>
Site							
Skin							
Stru- cture							
Spatial plan							
Servi- ces							
Stuff							
Story							



strict division



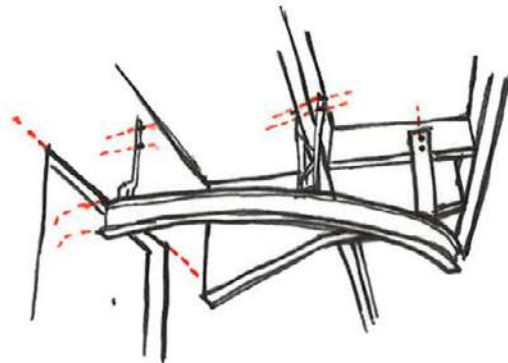
skylight



rythm



functionality



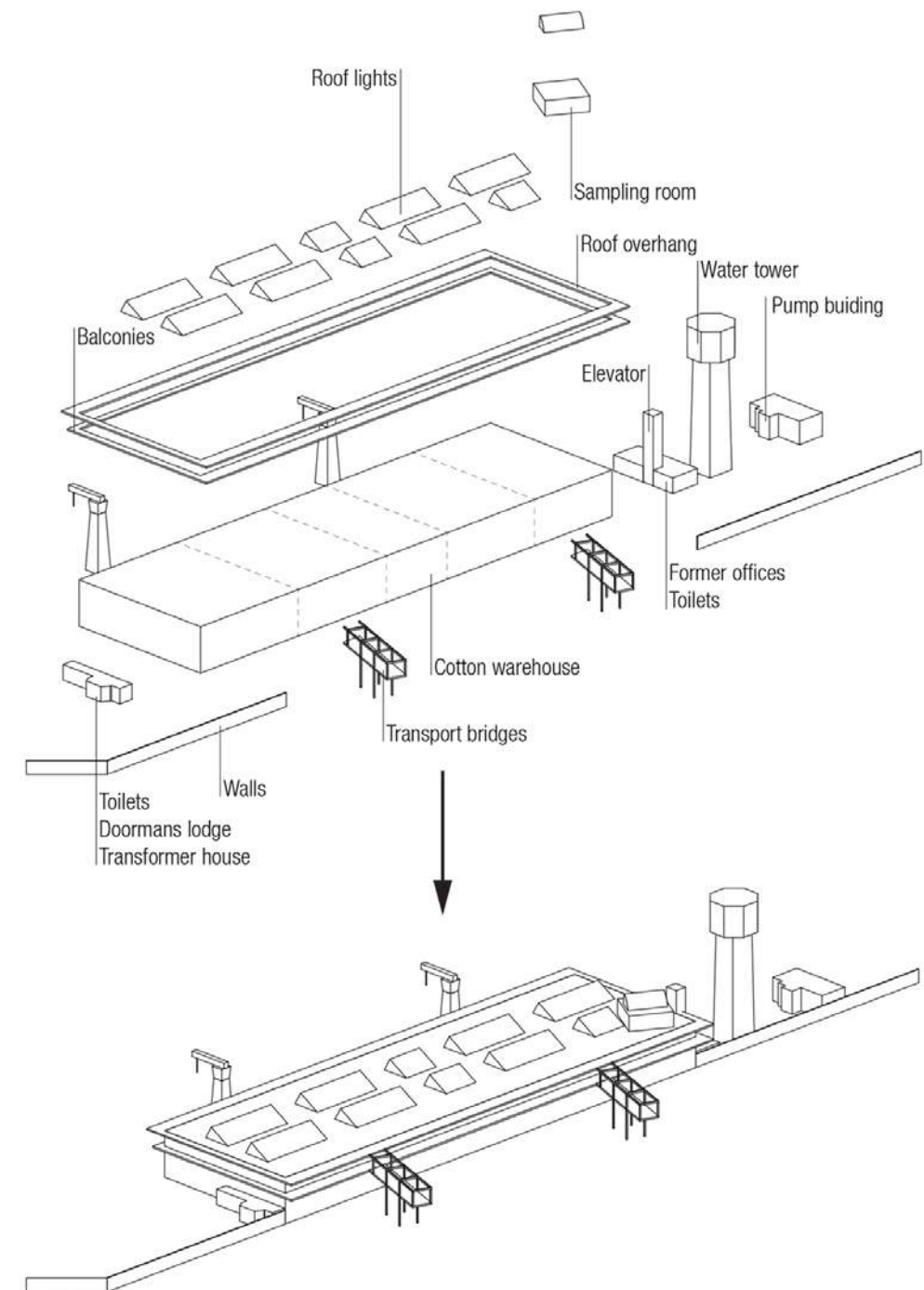
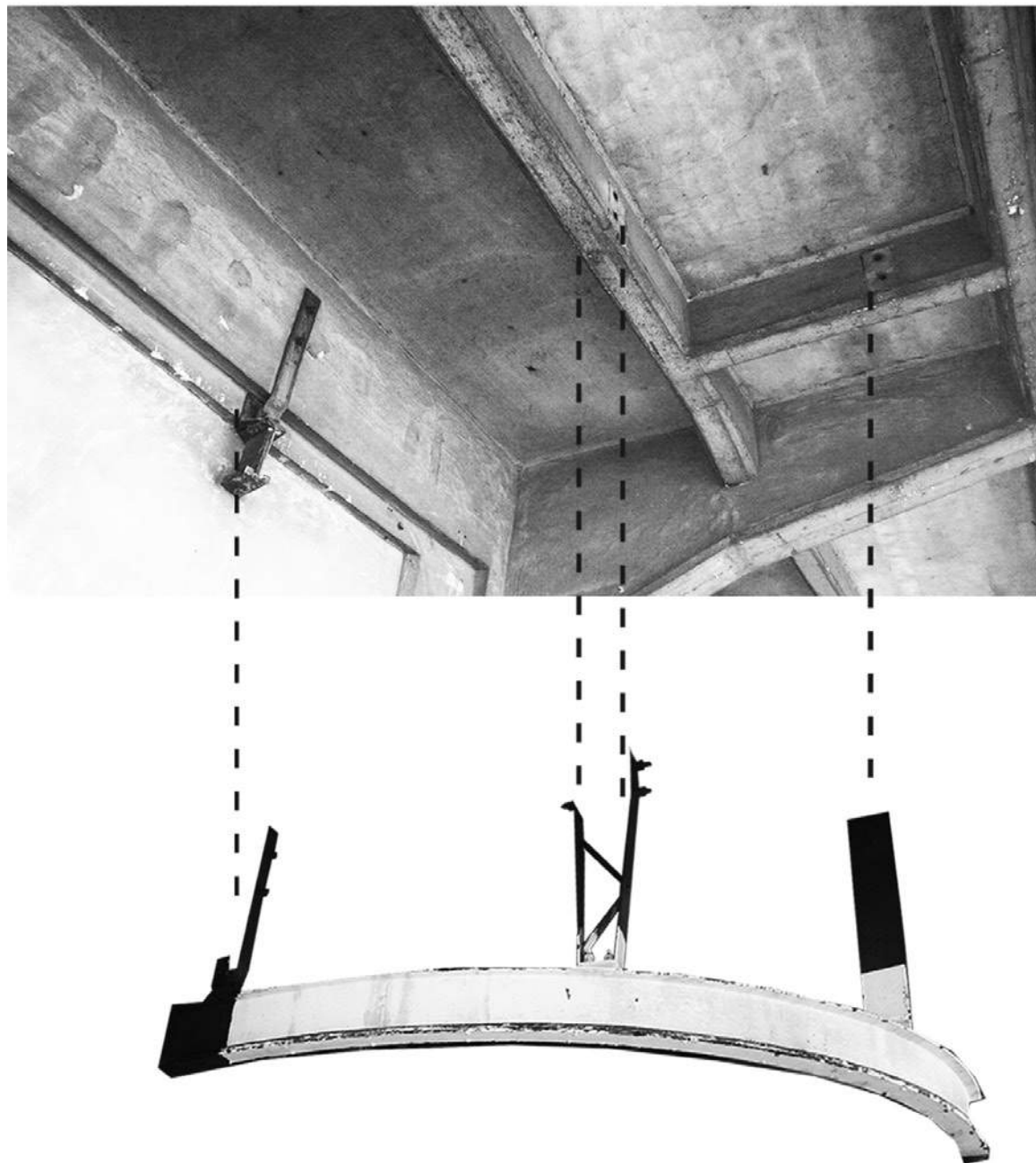
«tailor-made»



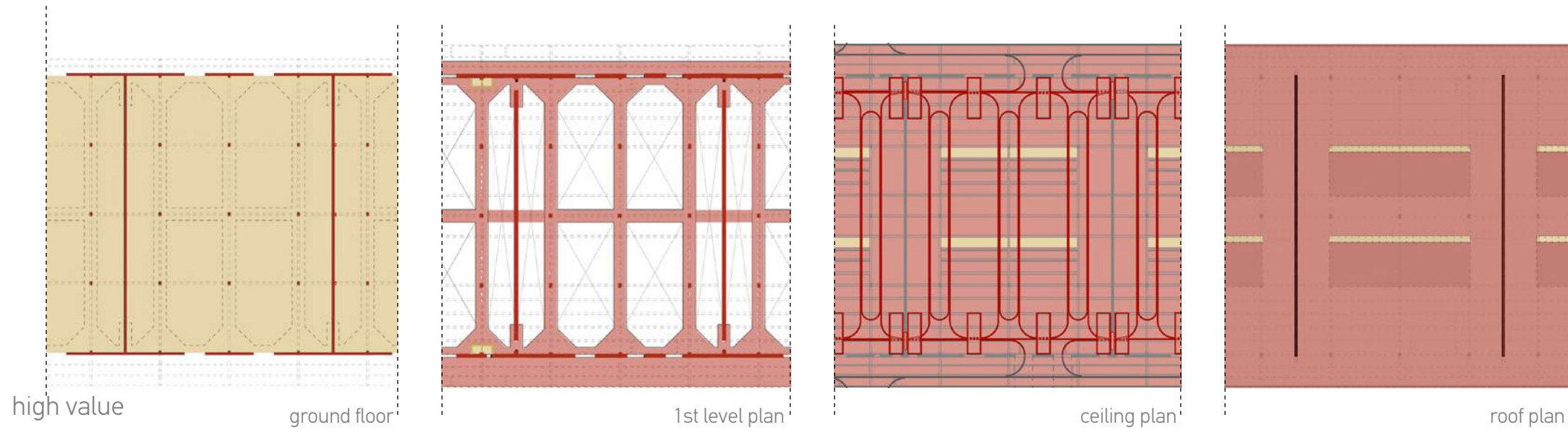
landmark

research question

How to transform a tailor-made cotton warehouse into a new building?



transformation framework



walls
columns
beams
walkways
roof
transit system

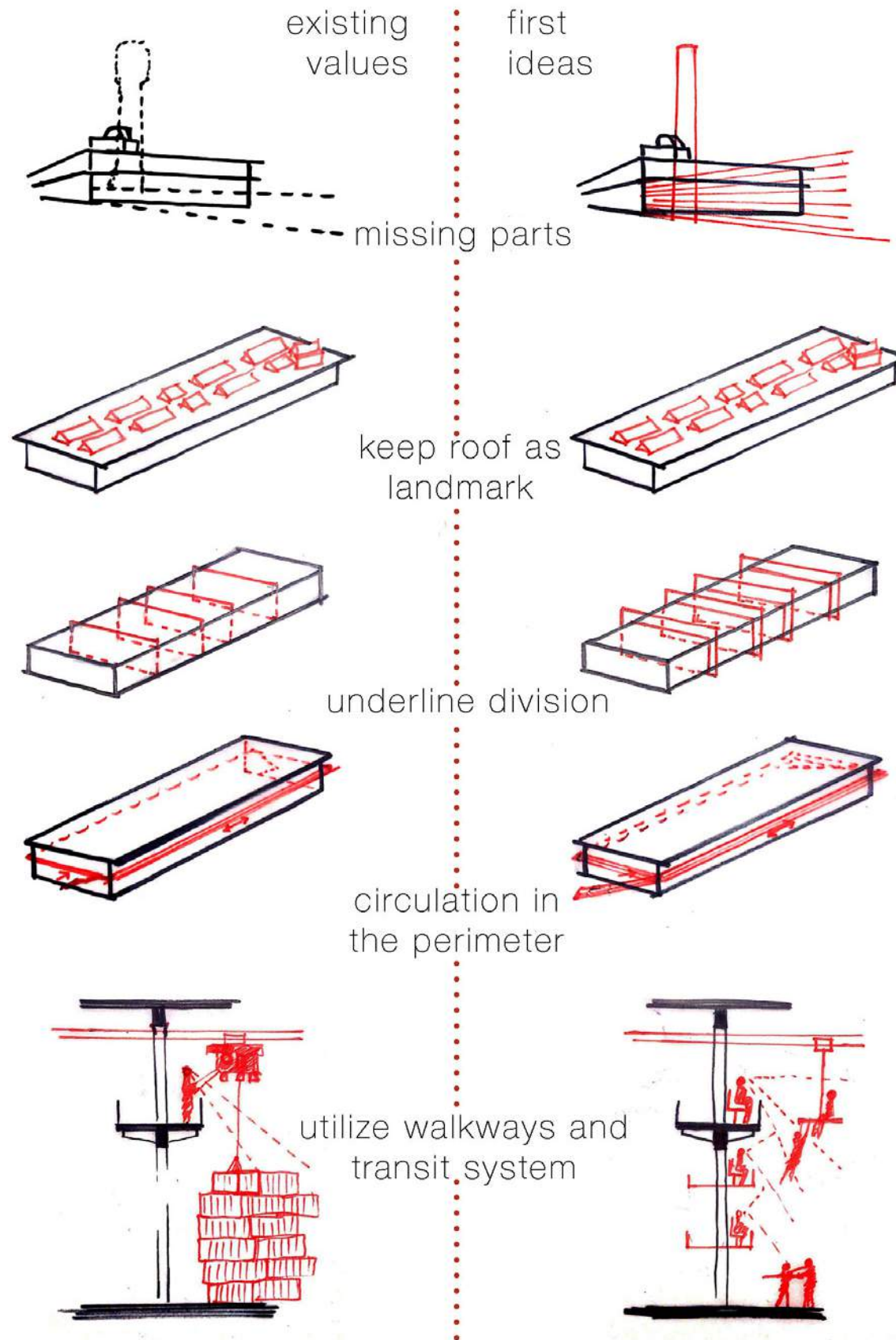
floor
wireglass windows
toilets
white plaster

openings in walls
recent windowframes
filling materials
white steel cladding

limited value



designing guidelines



capacity of existing

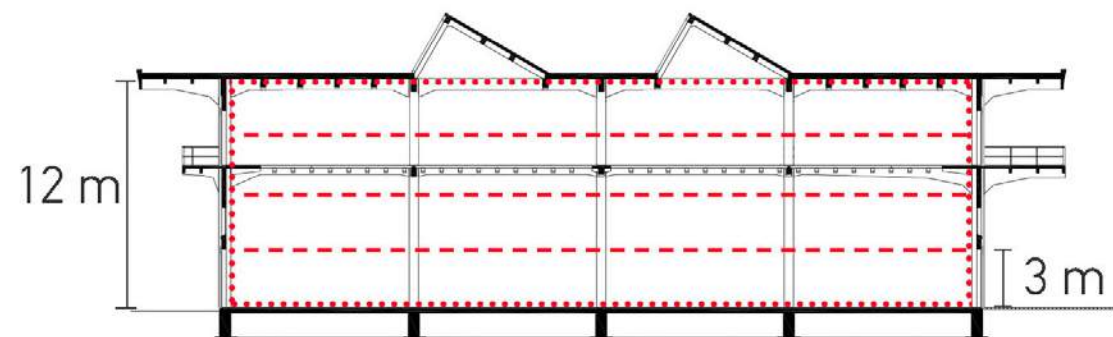
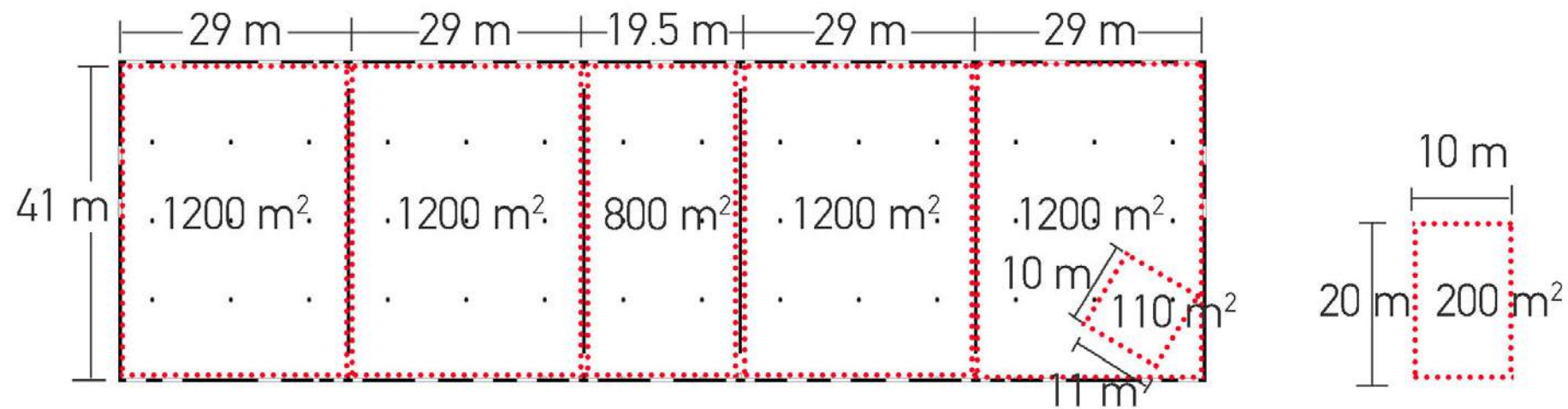
Overall capacity of existing:

$$5600 + 110 + 200 = 5910 \text{ m}^2$$

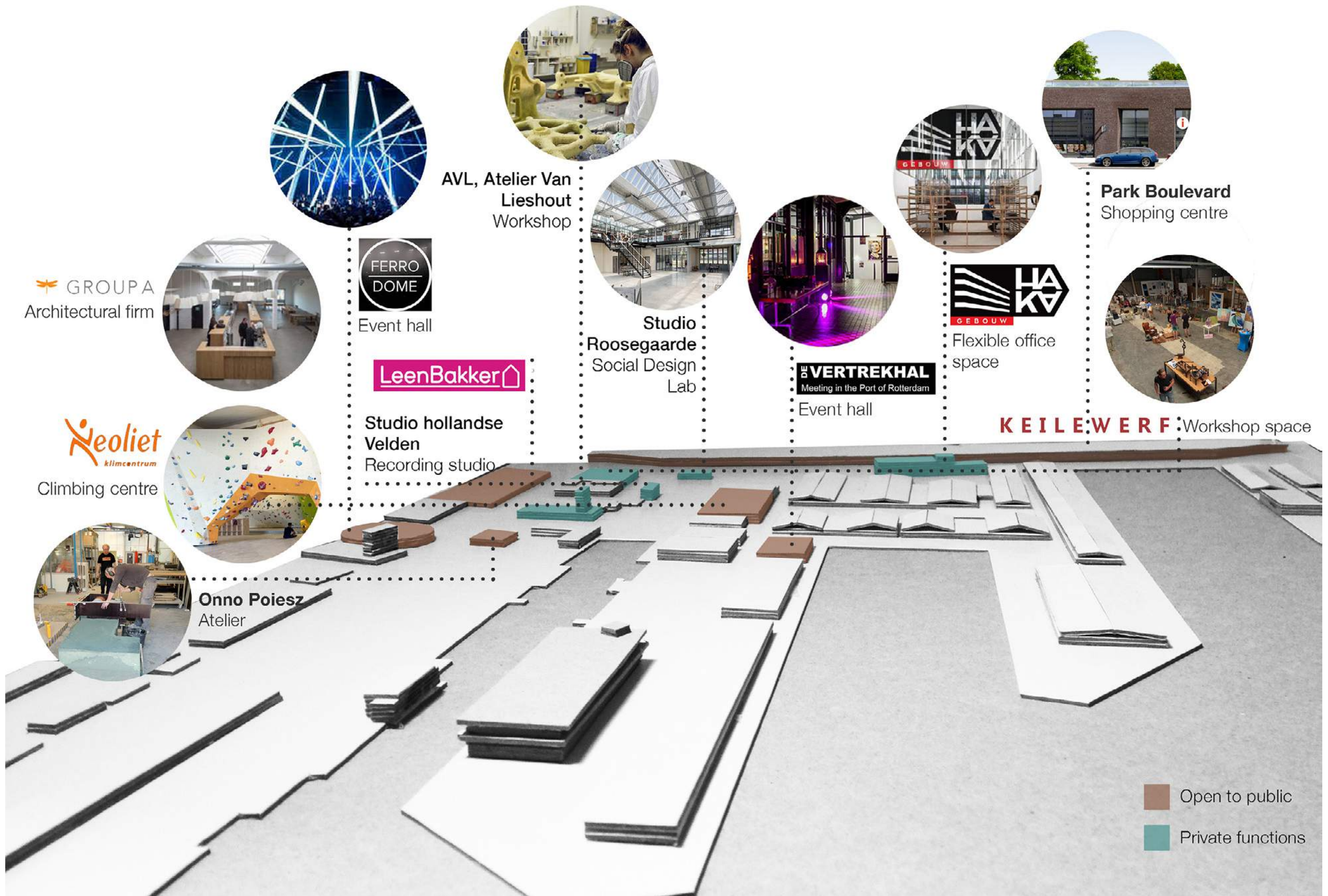
Maximum possible capacity in case of 4 floors:

$$4 \times 5600 = 22400 \text{ m}^2$$

$$22400 + 110 + 200 = 22710 \text{ m}^2$$



traces of change



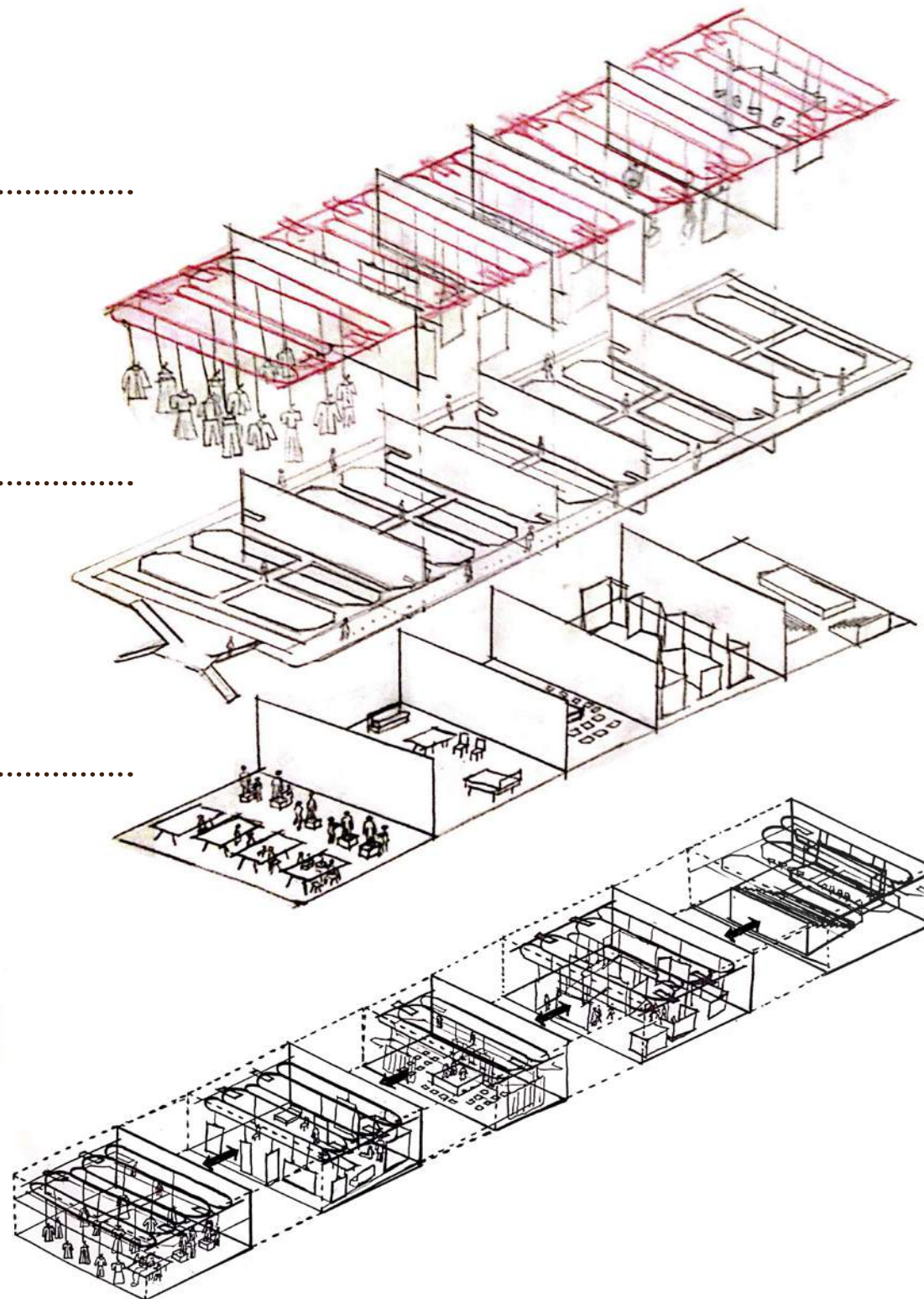


PERFORMING ARTS CENTRE

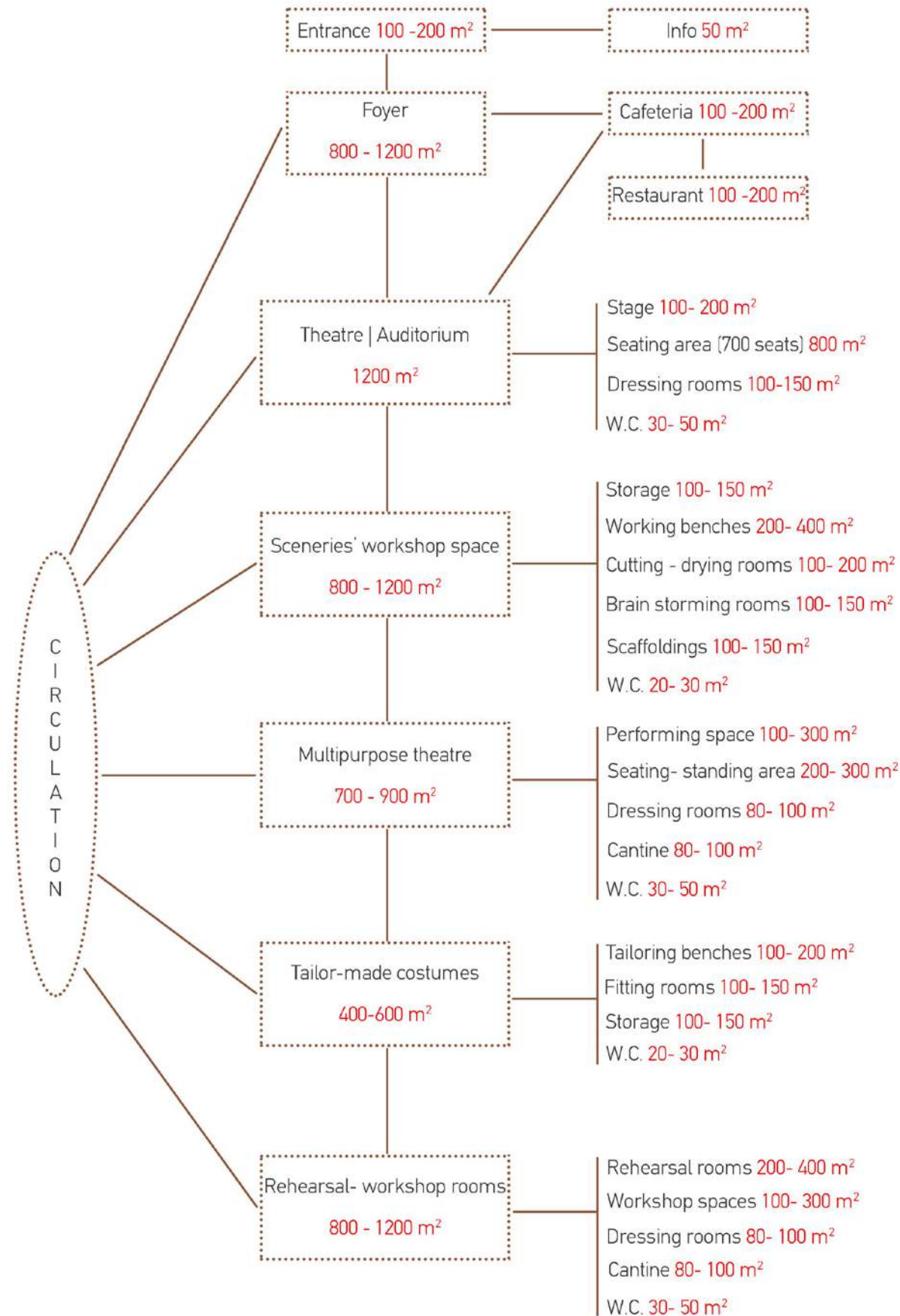
ceiLing
reuse of
transit system

LeveL + 7.50 m
circulation of
visitors

GROUND LeveL
performers' space
events



PERFORMING
ARTS
CENTRE



○ vaLues

○ starting points

● Design
references

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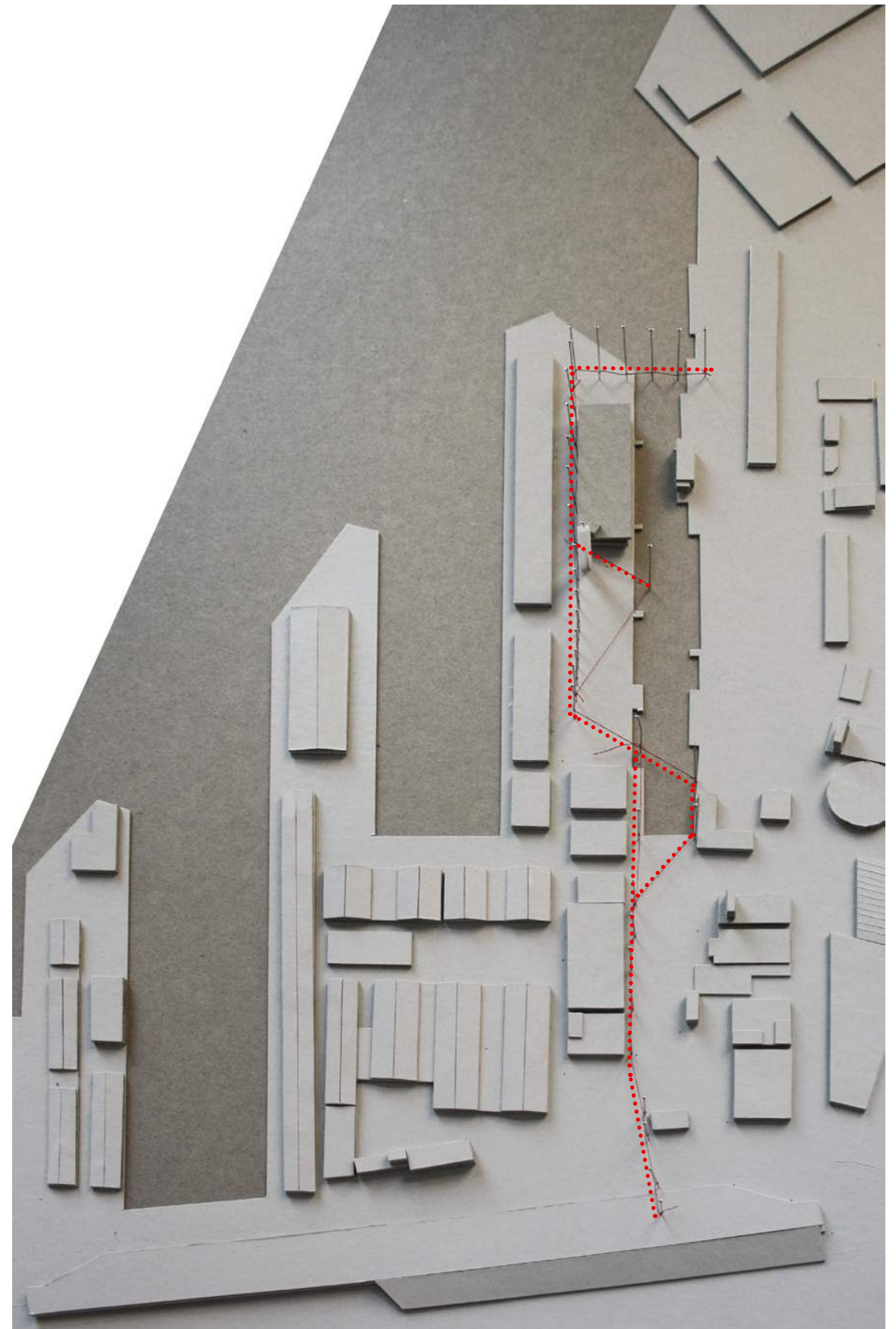
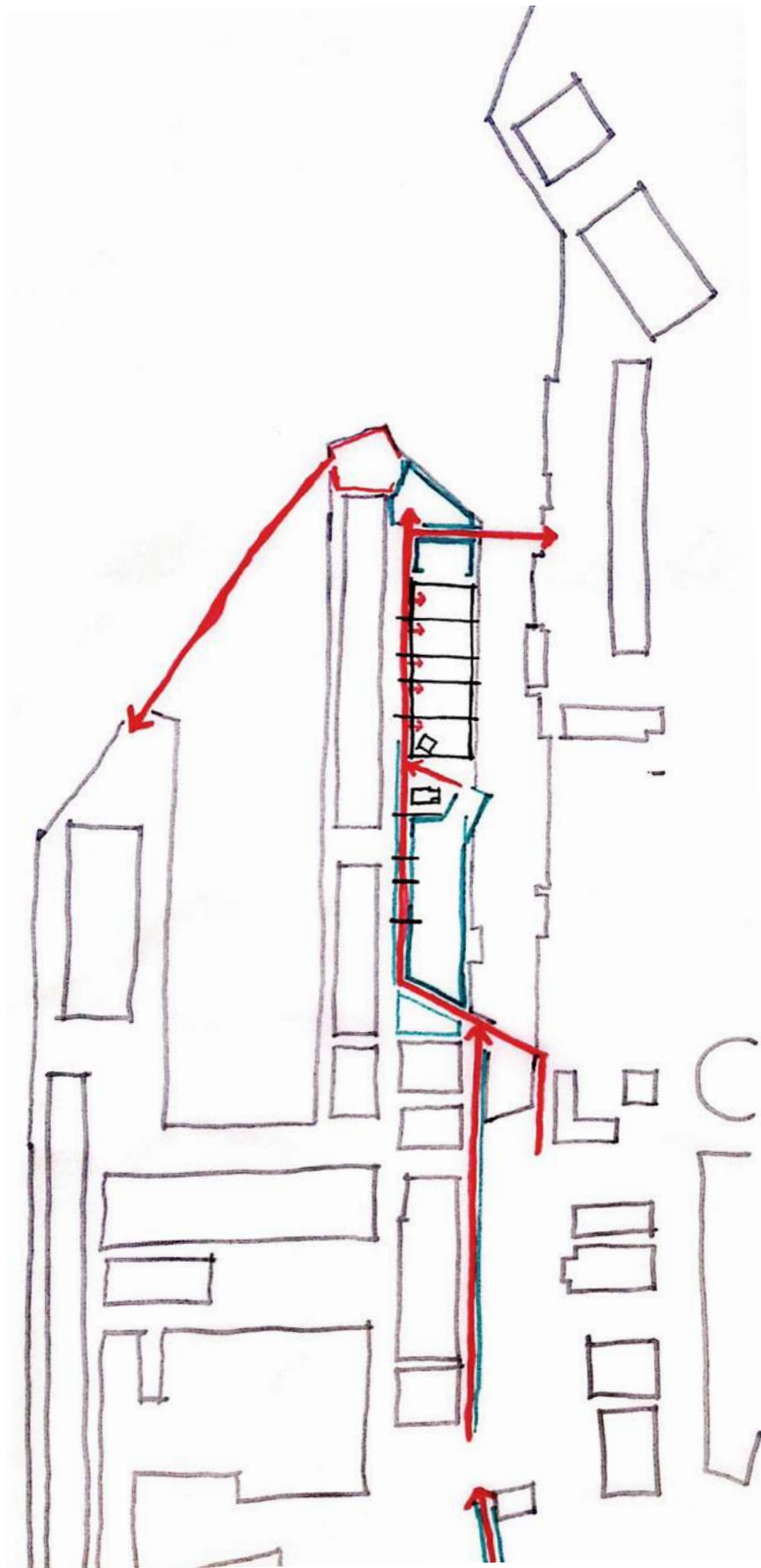


○ vaLues

○ starting points

● Design
context- routing

26



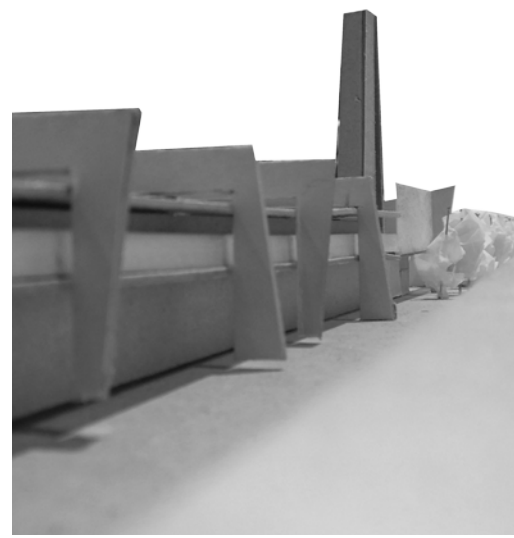
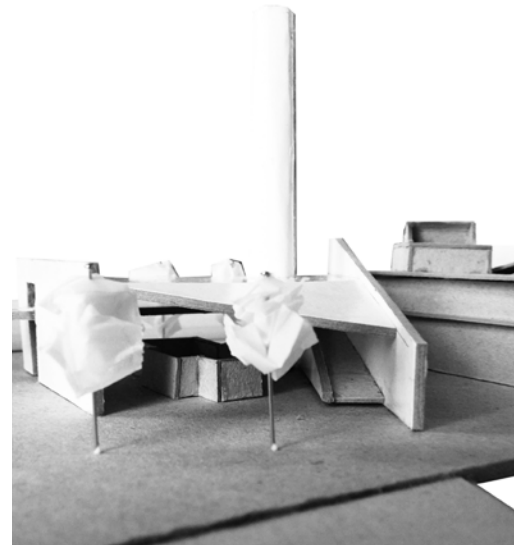
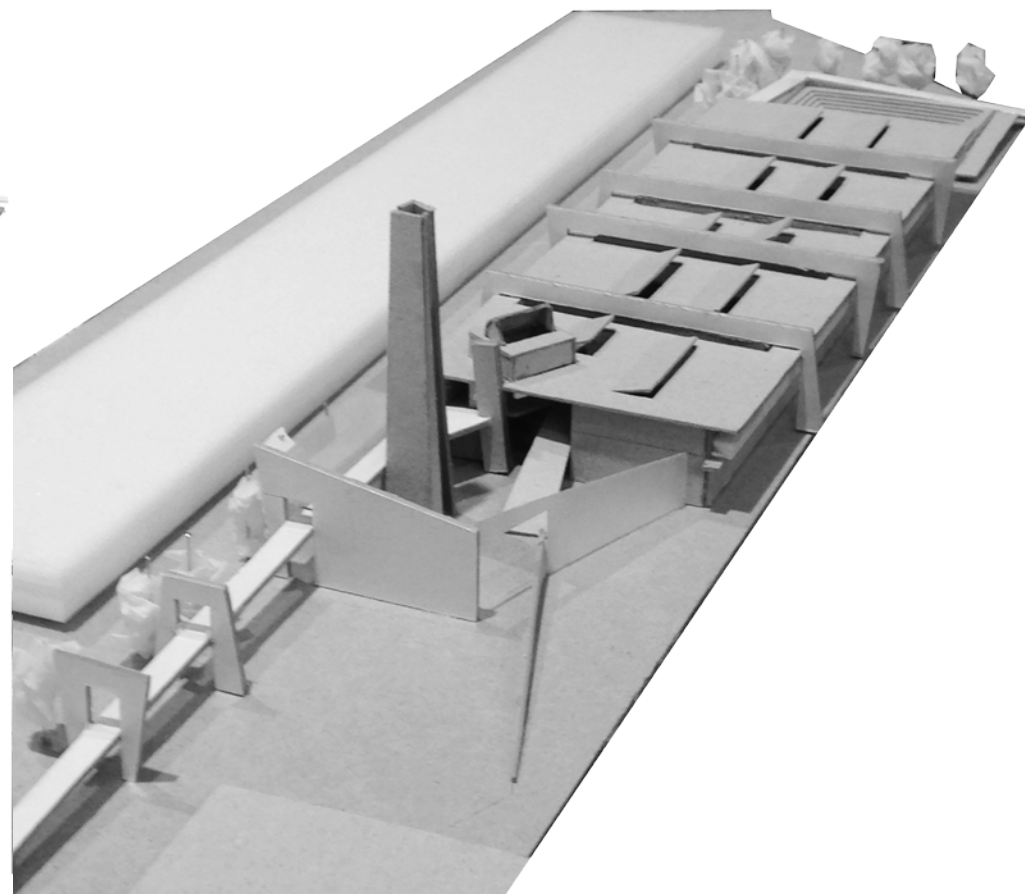
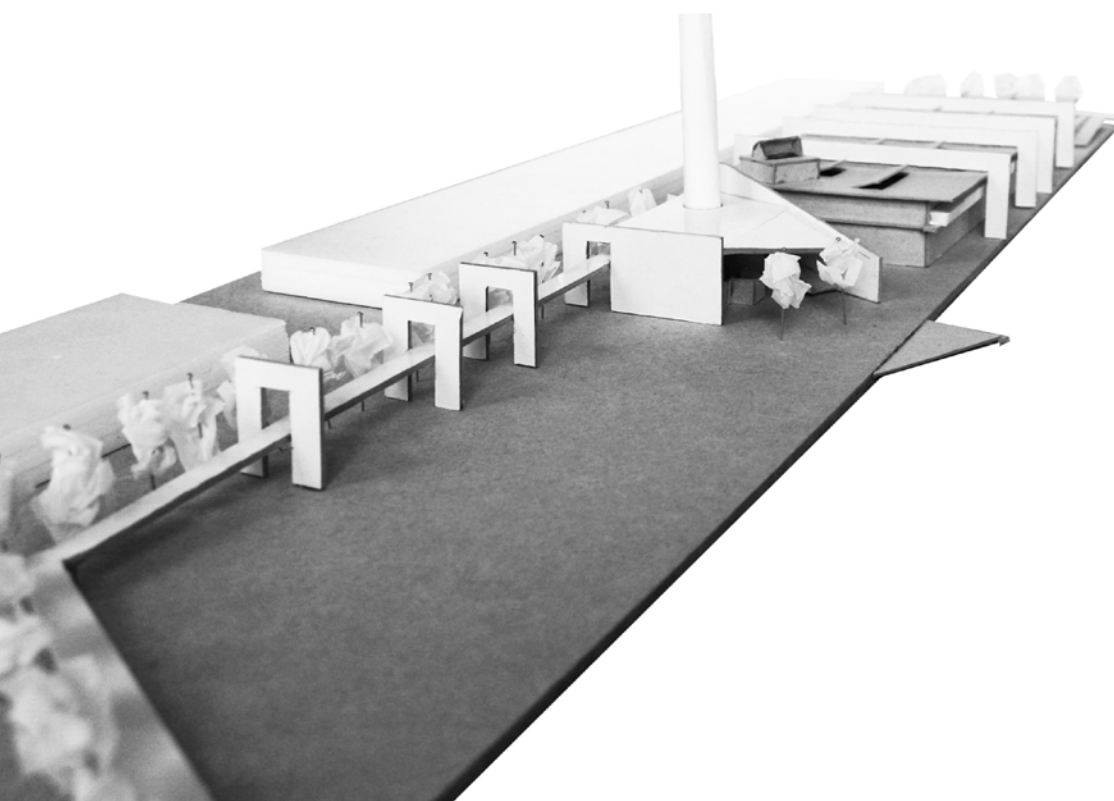
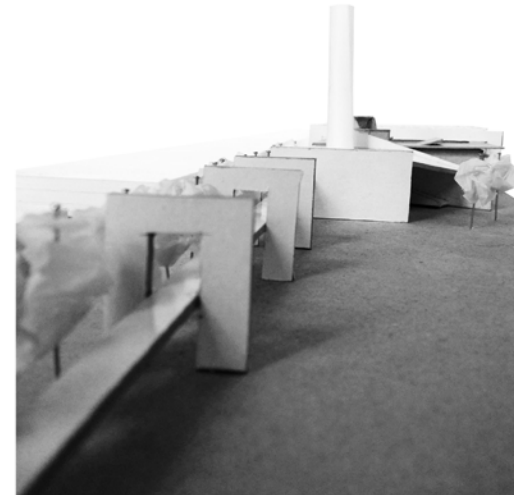
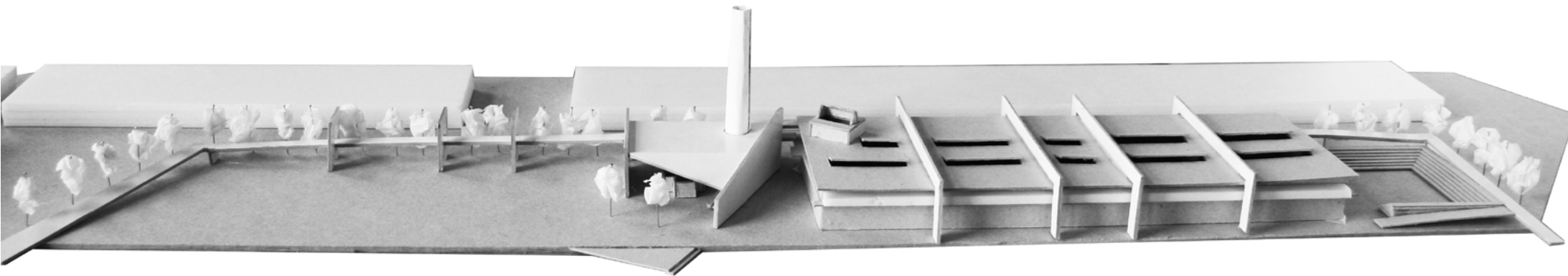
○ values

○ starting points

● Design

physical models 1:500

27



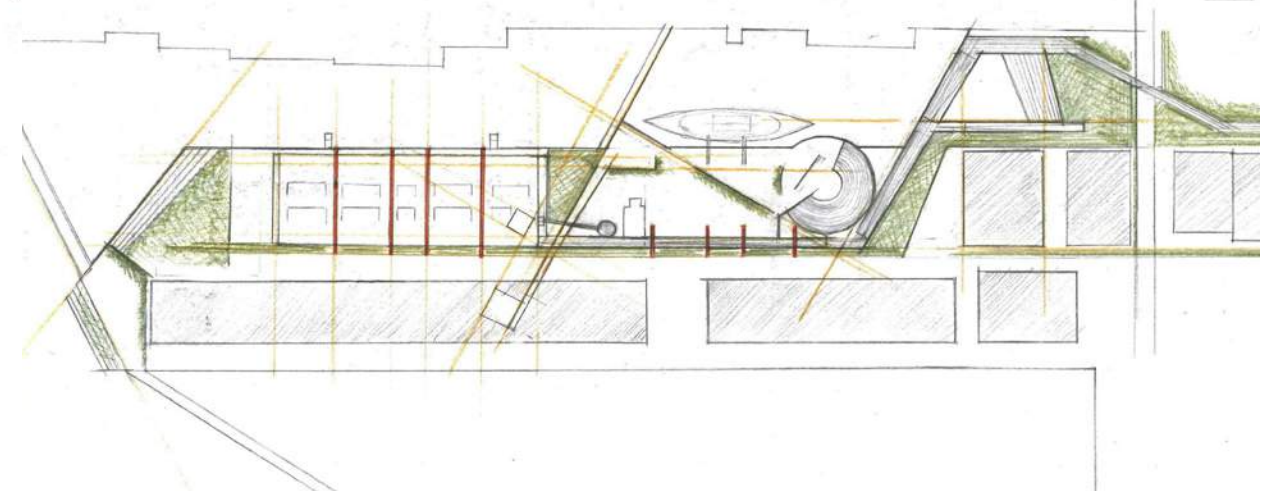
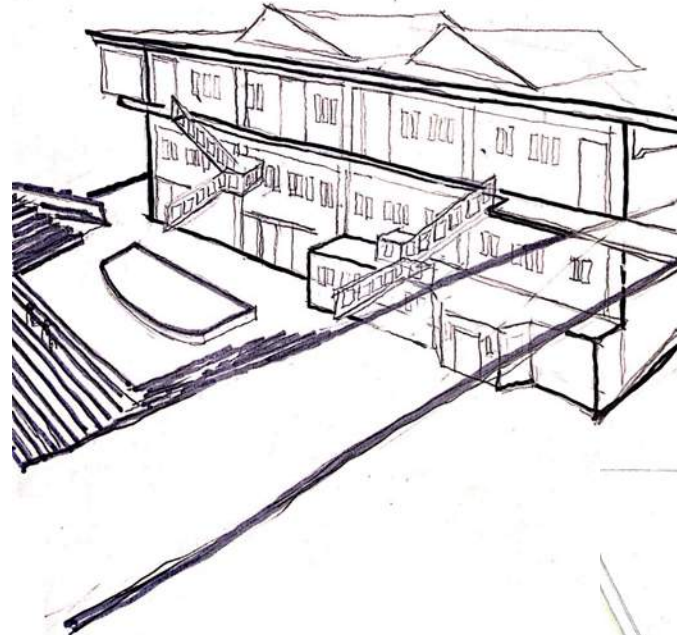
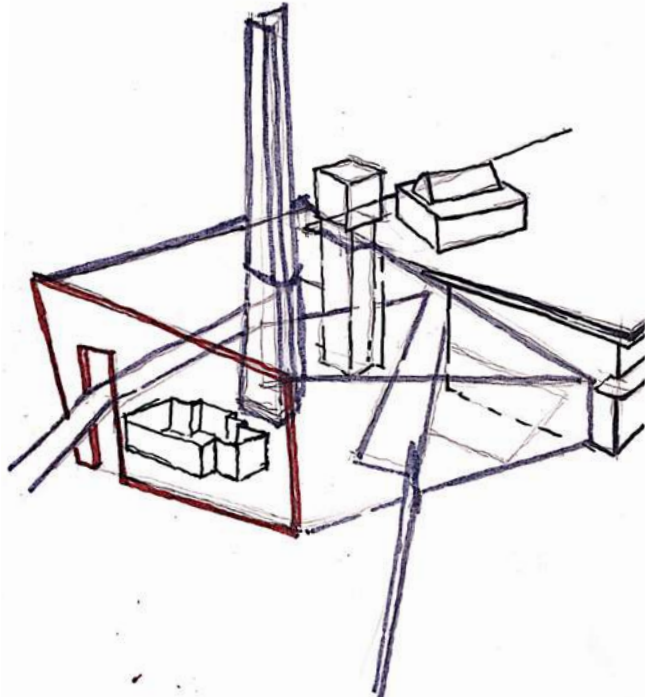
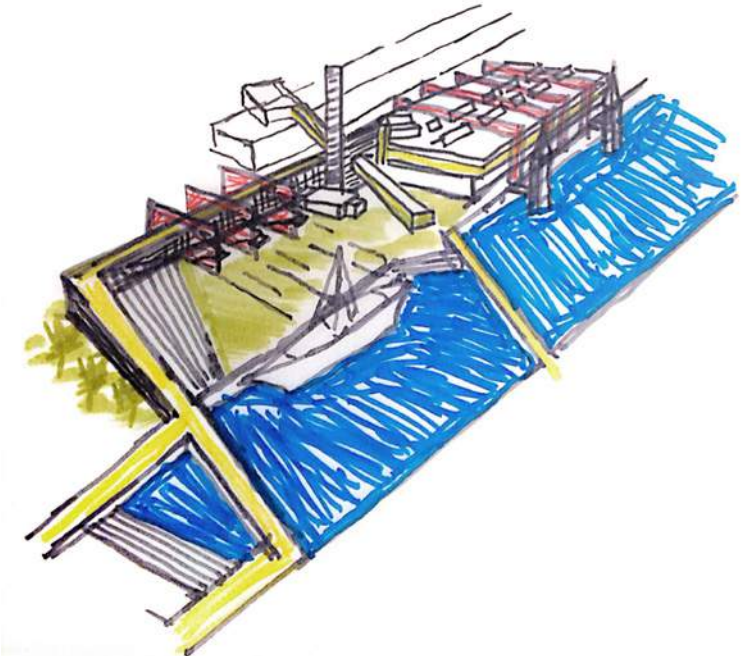
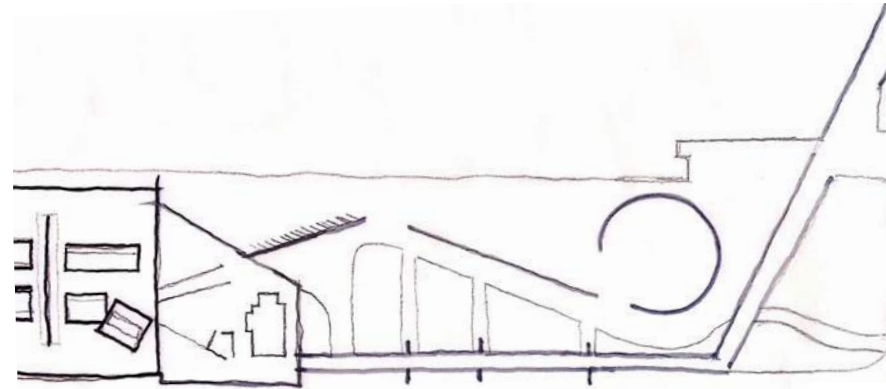
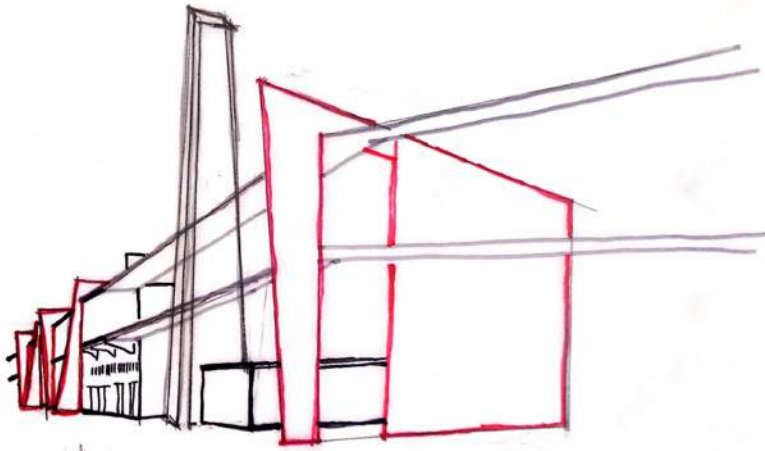
○ values

○ starting points

● Design

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masterplan sketches

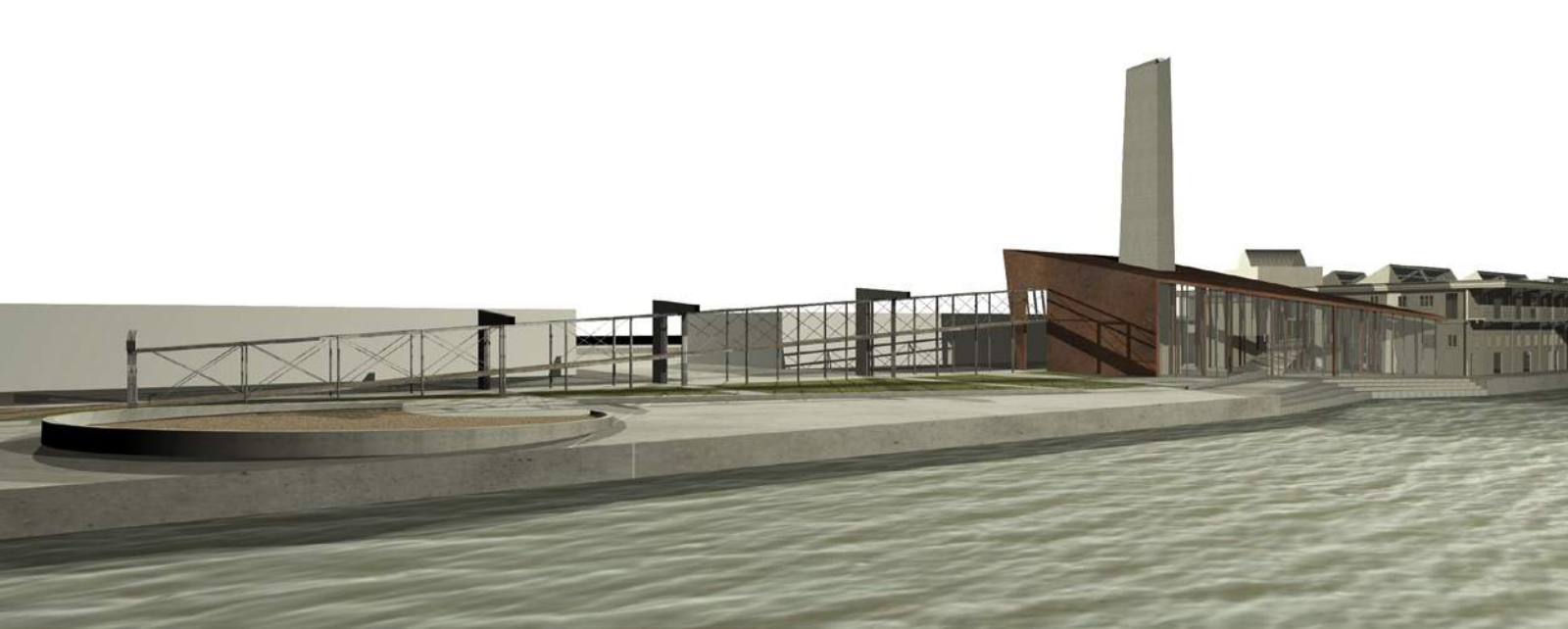
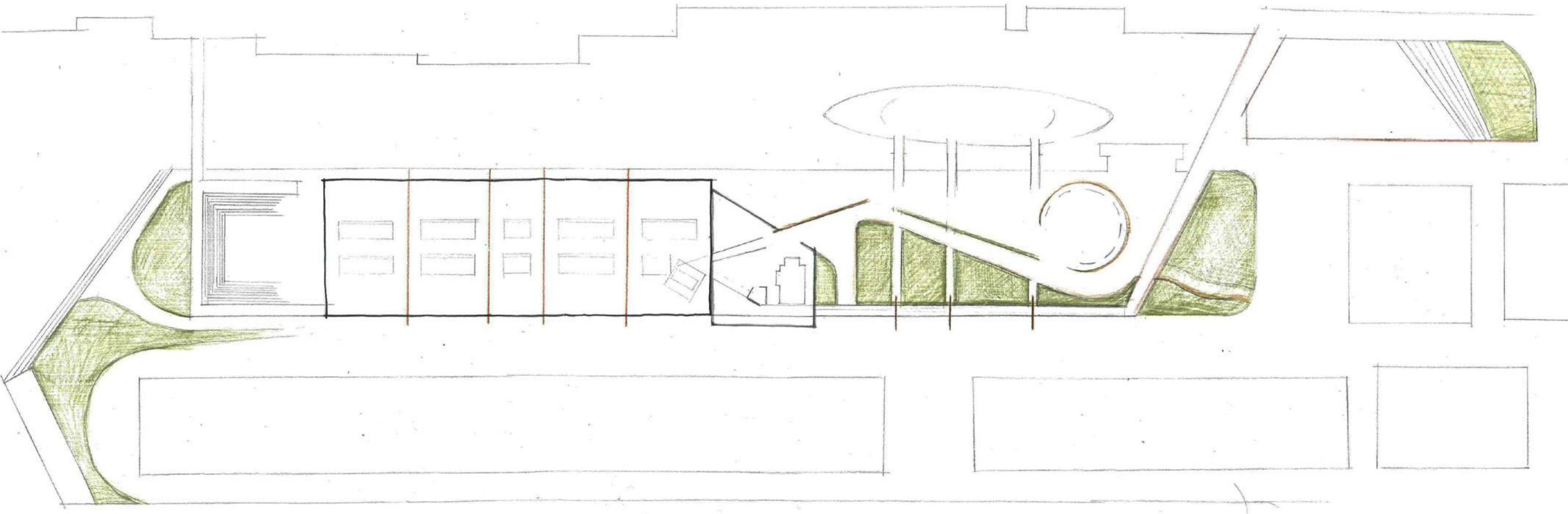


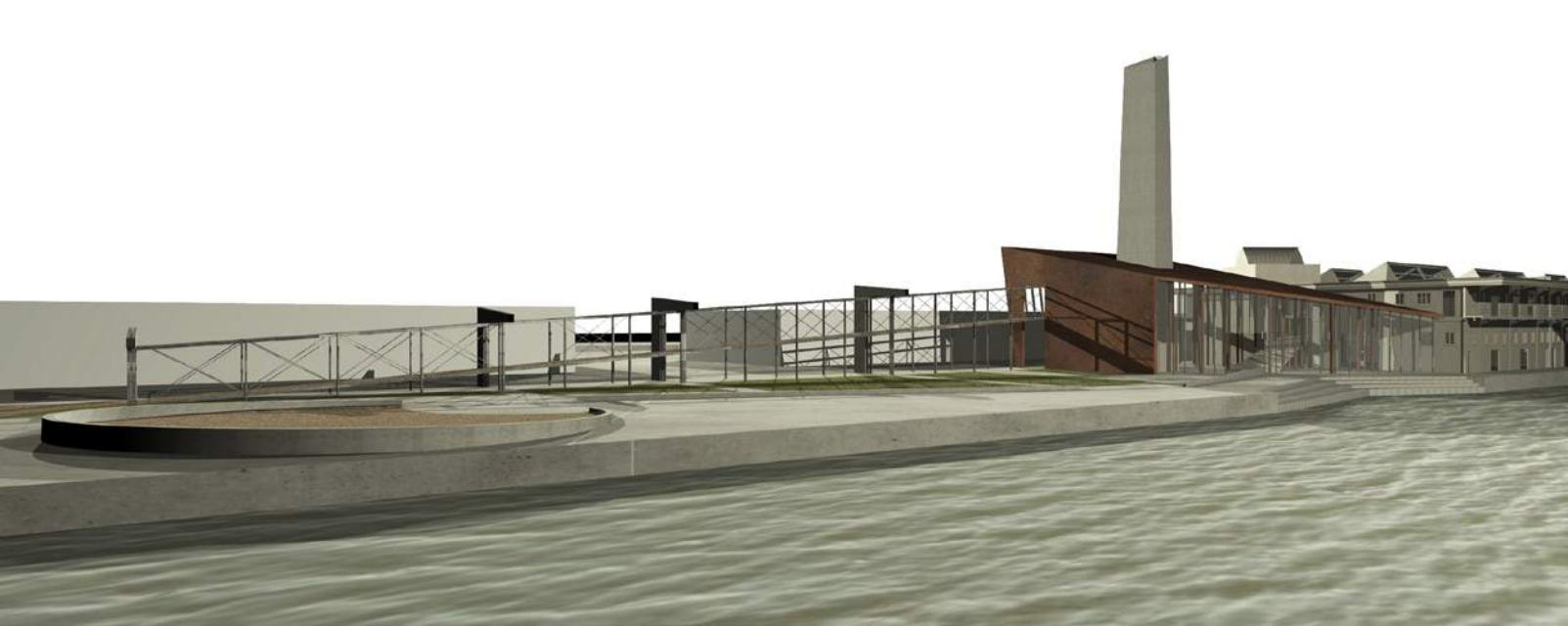
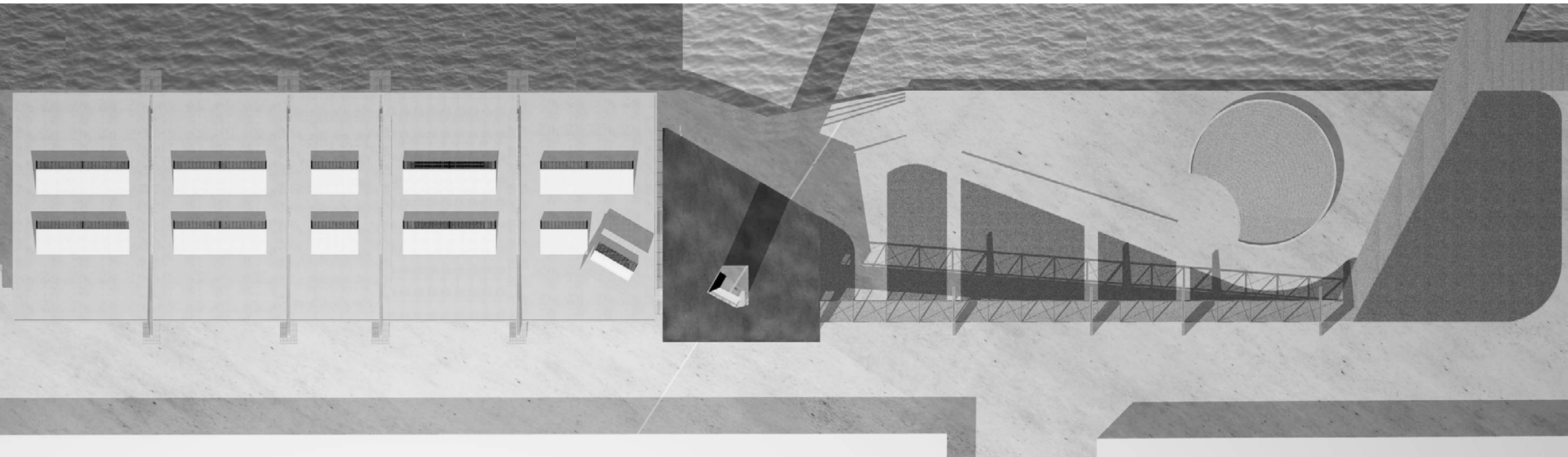
○ values

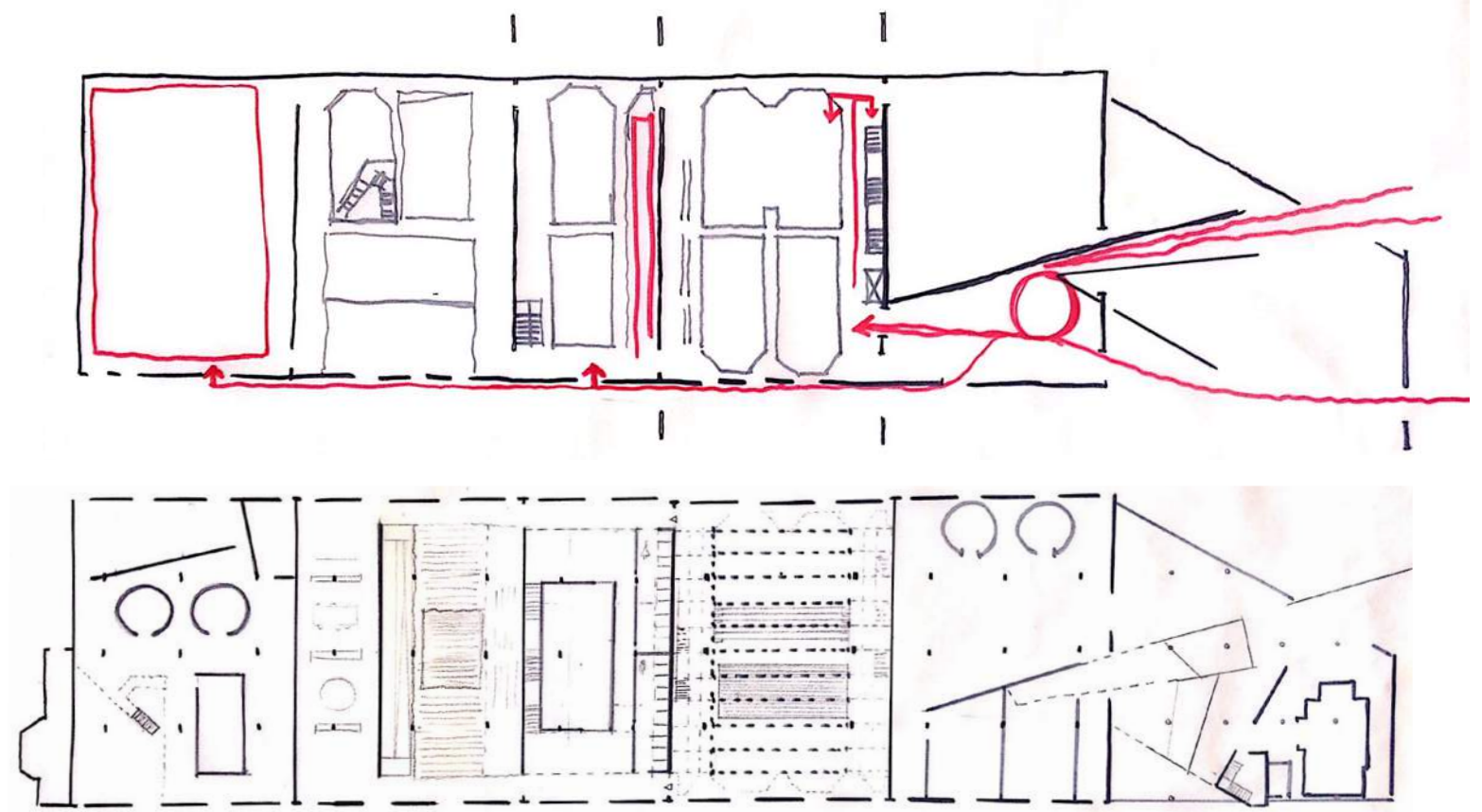
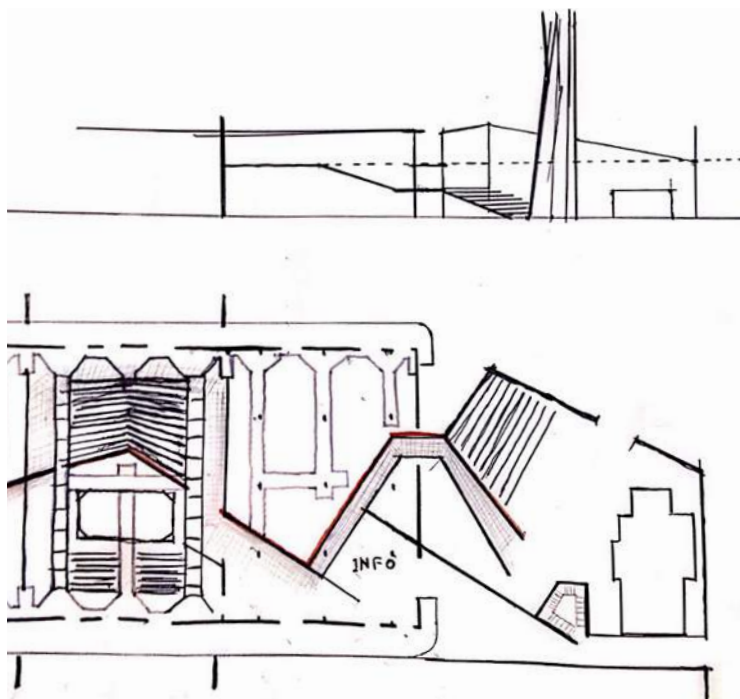
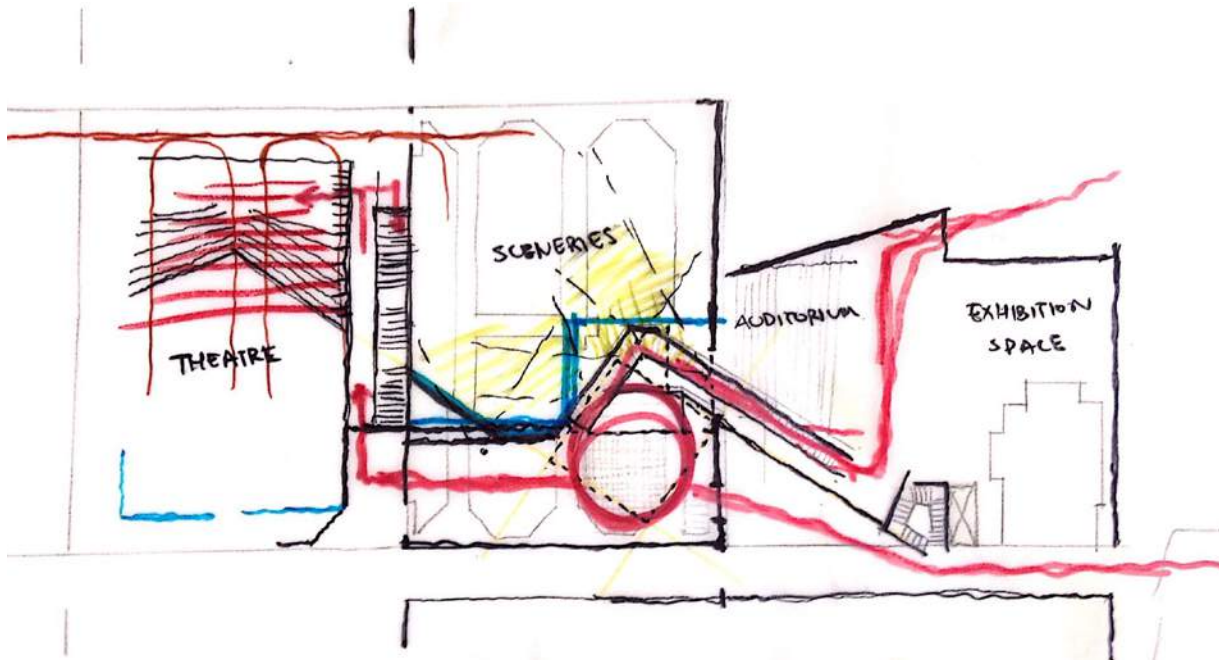
○ starting points

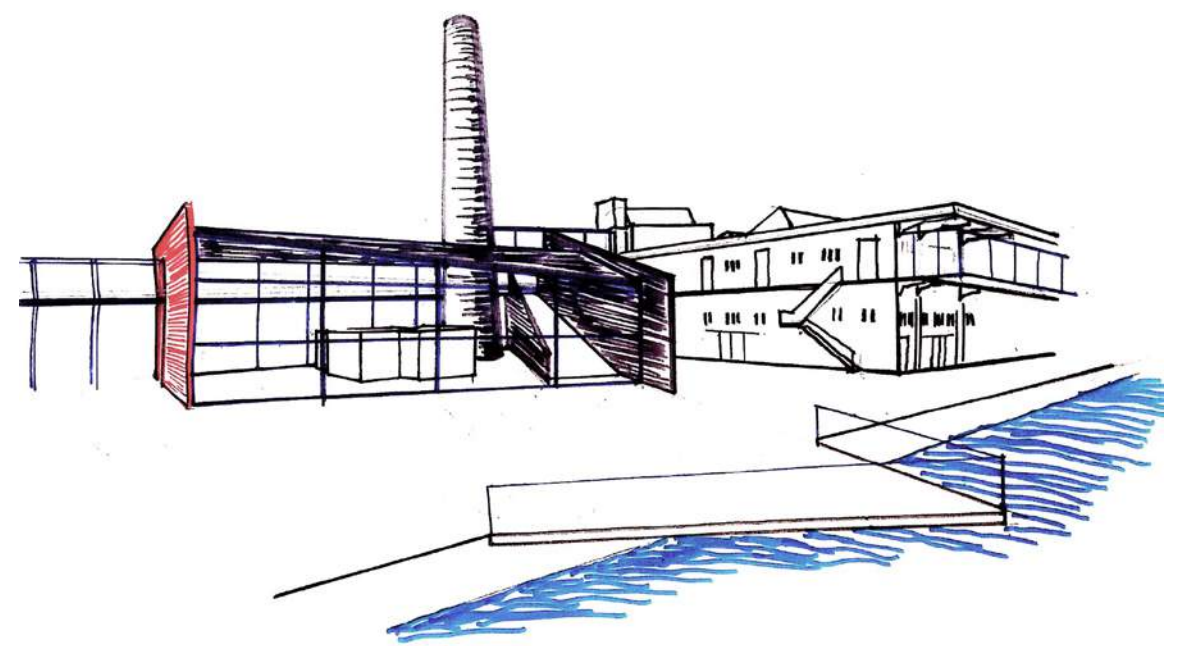
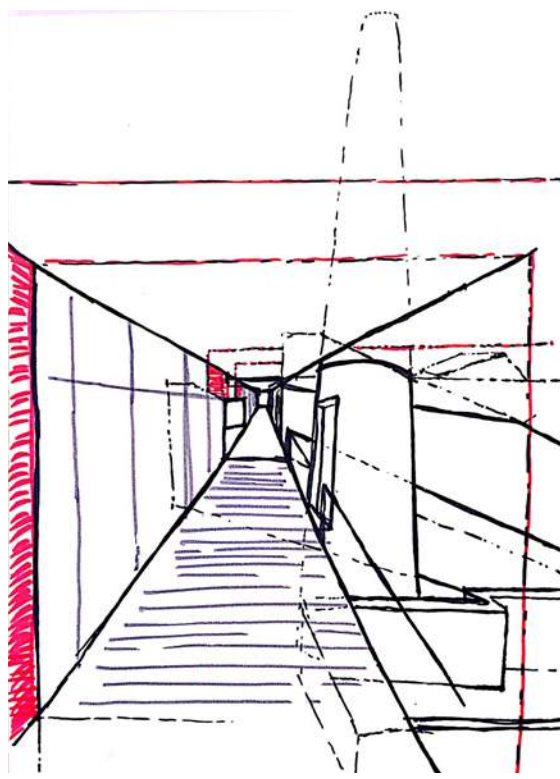
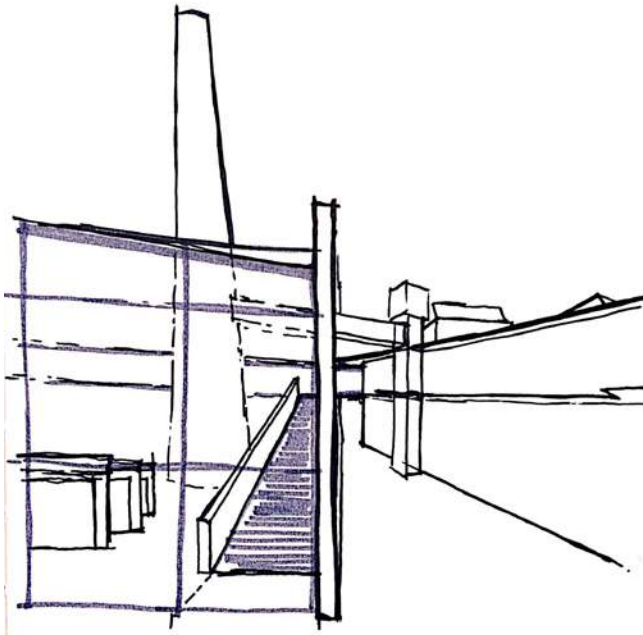
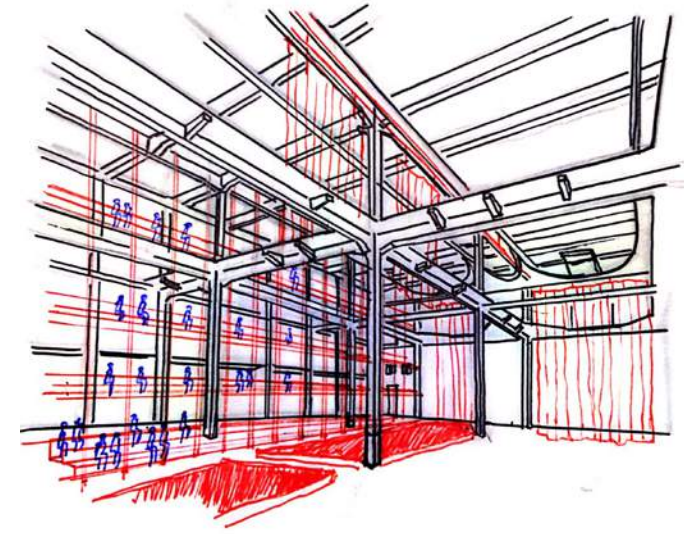
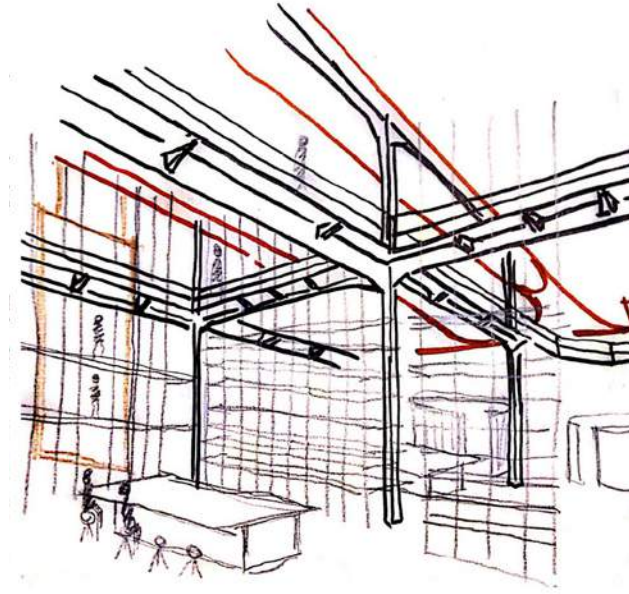
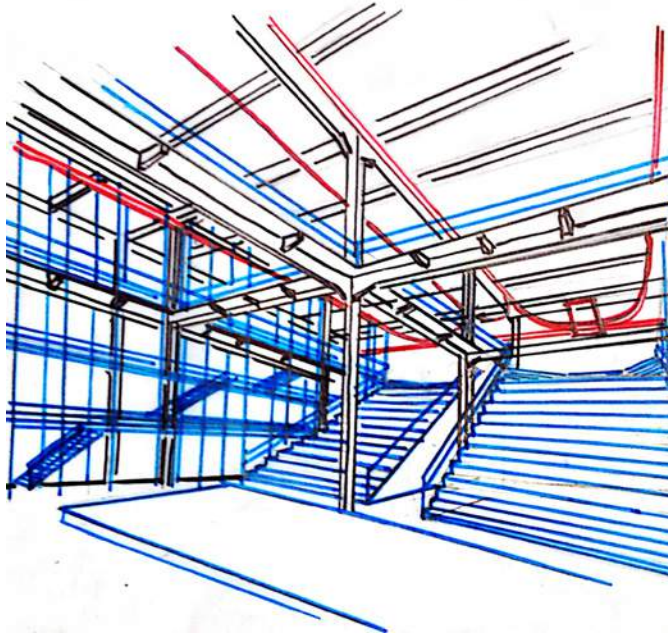
● Design
masterplan

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○ vaLues

○ starting points

● Design

ramp & sample room

33



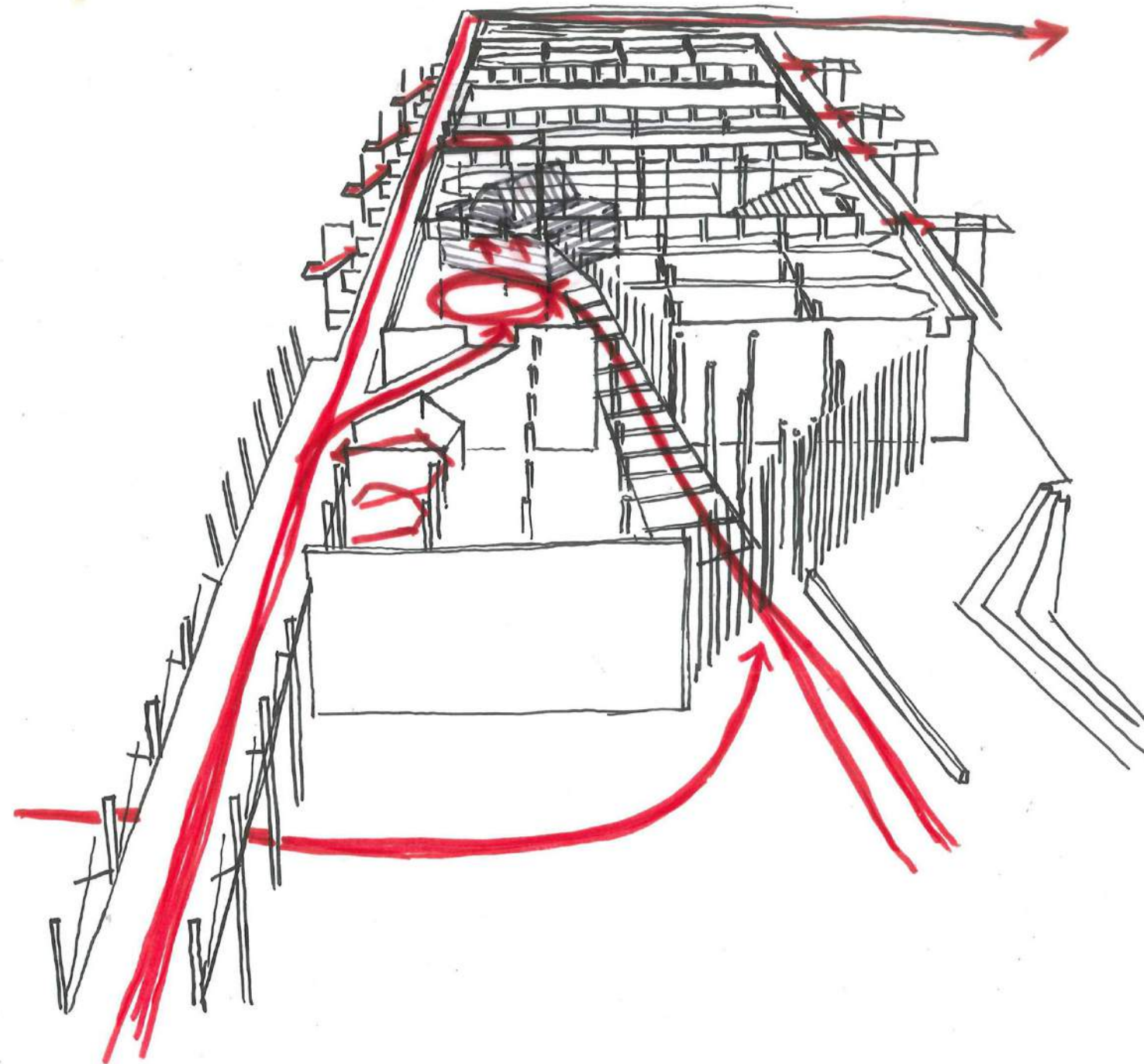
○ vaLues

○ starting points

● Design

route

34



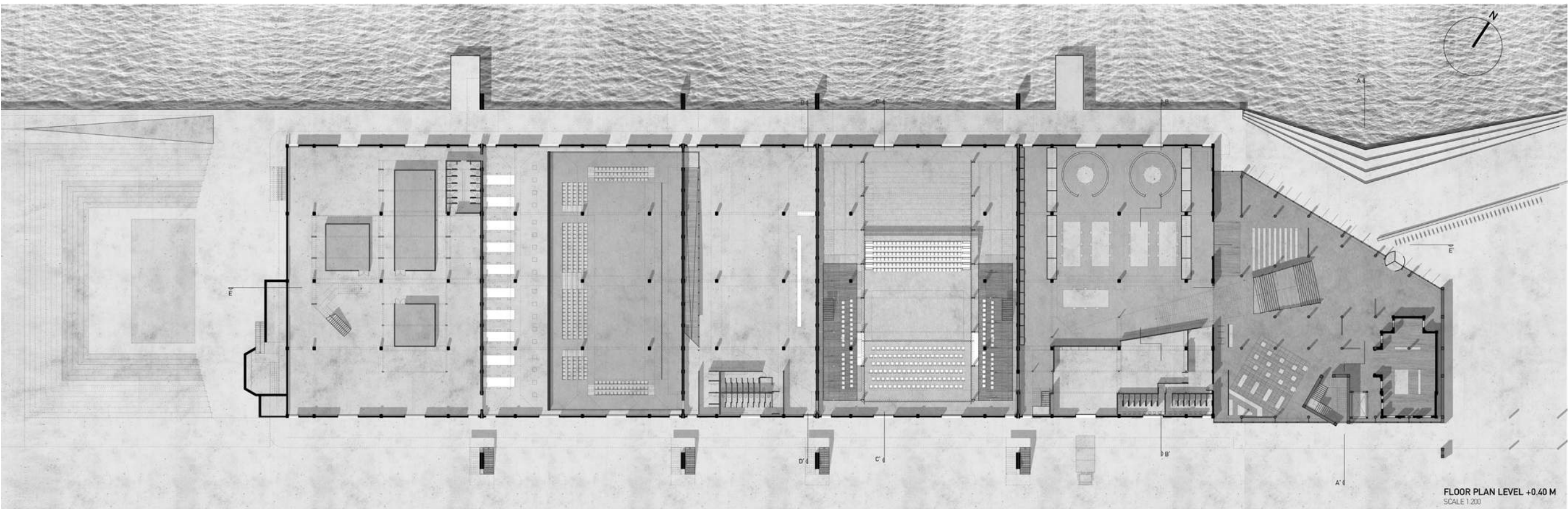
○ vaLues

○ starting points

● Design

floor plan +0.00

35



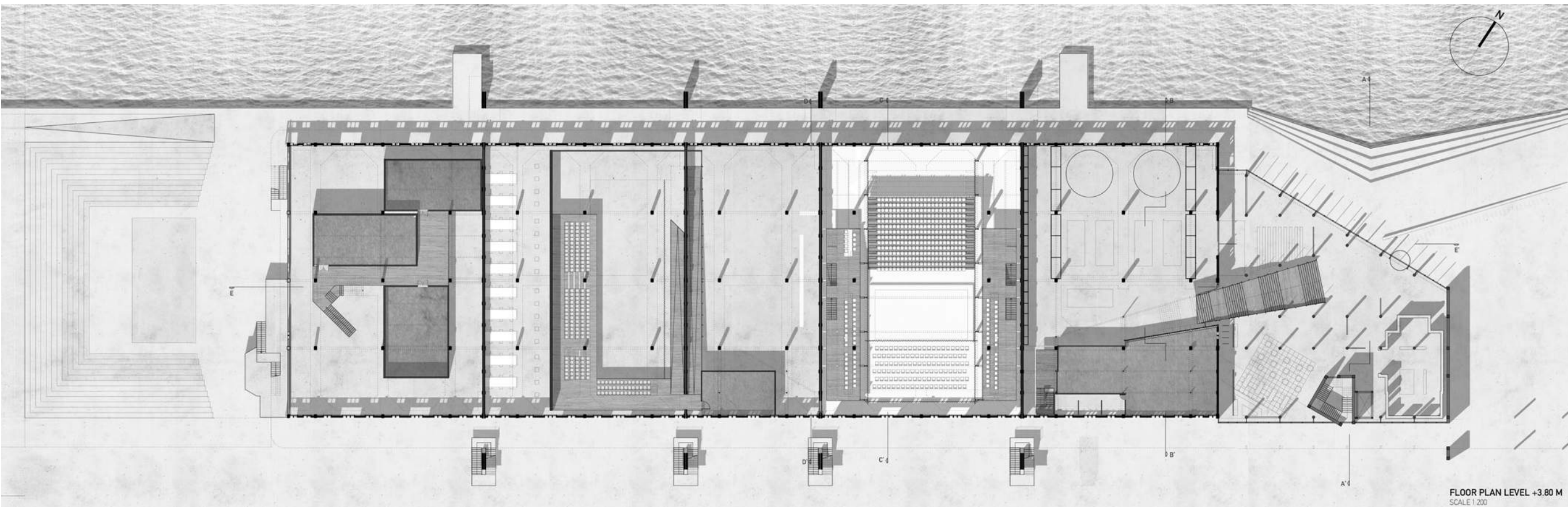
○ vaLues

○ starting points

● Design

floor plan +4.00

36



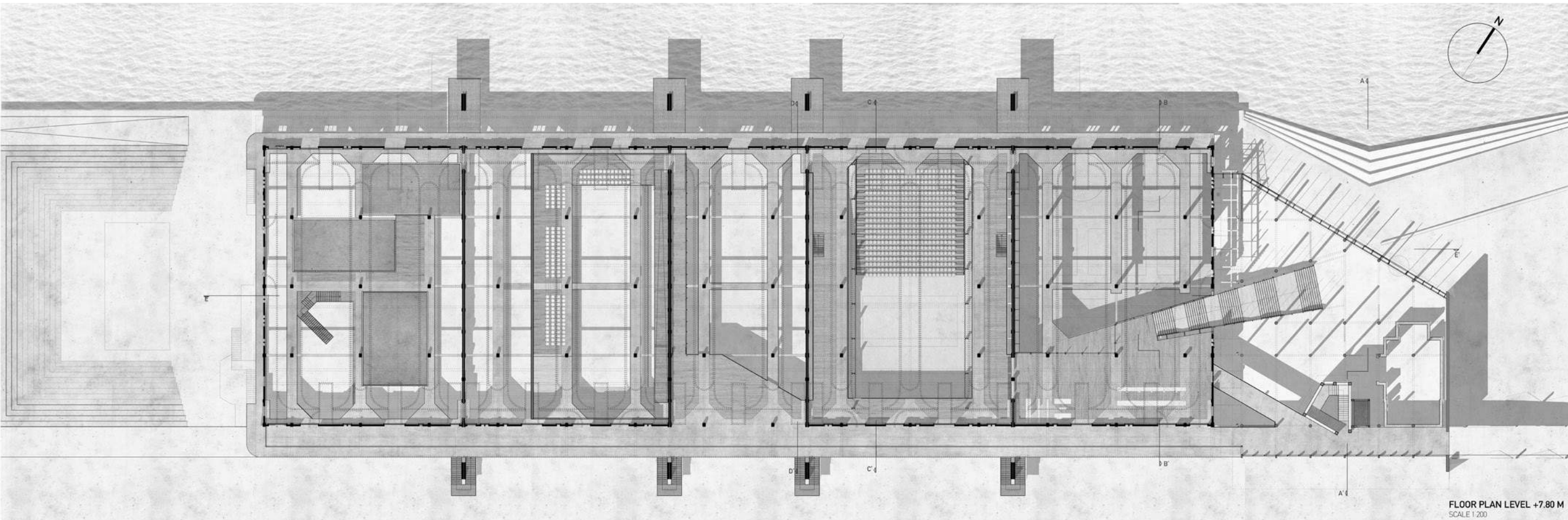
○ vaLues

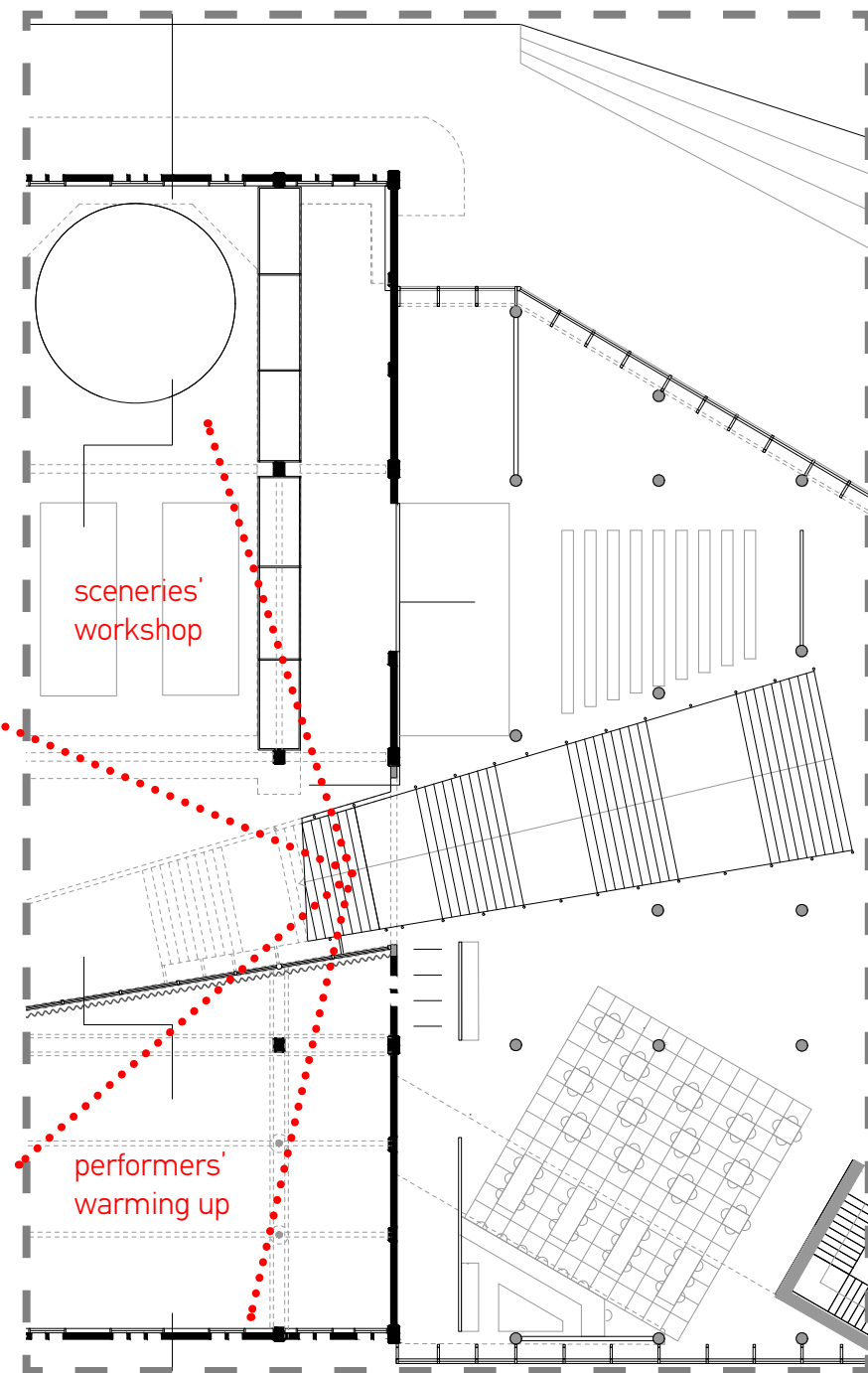
○ starting points

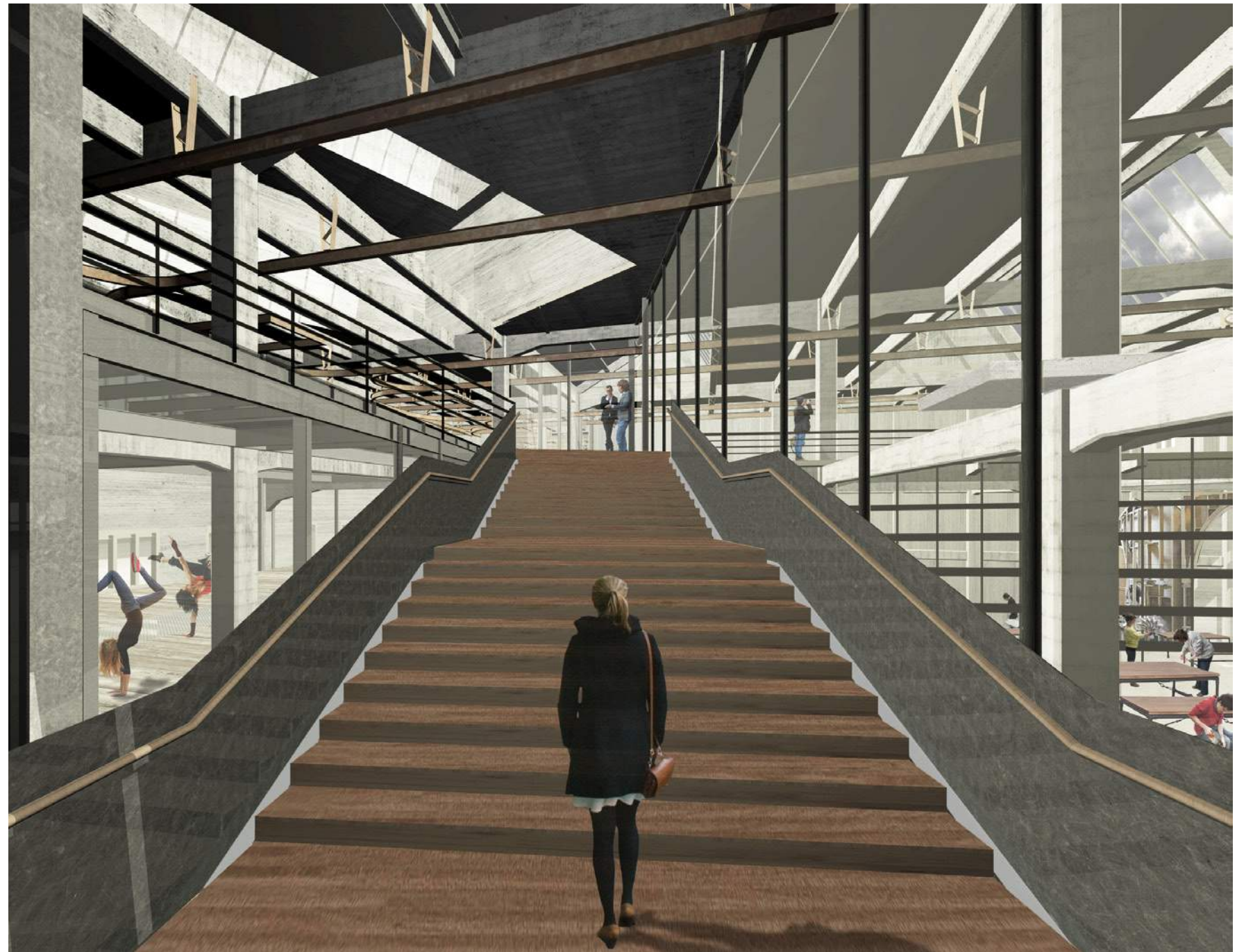
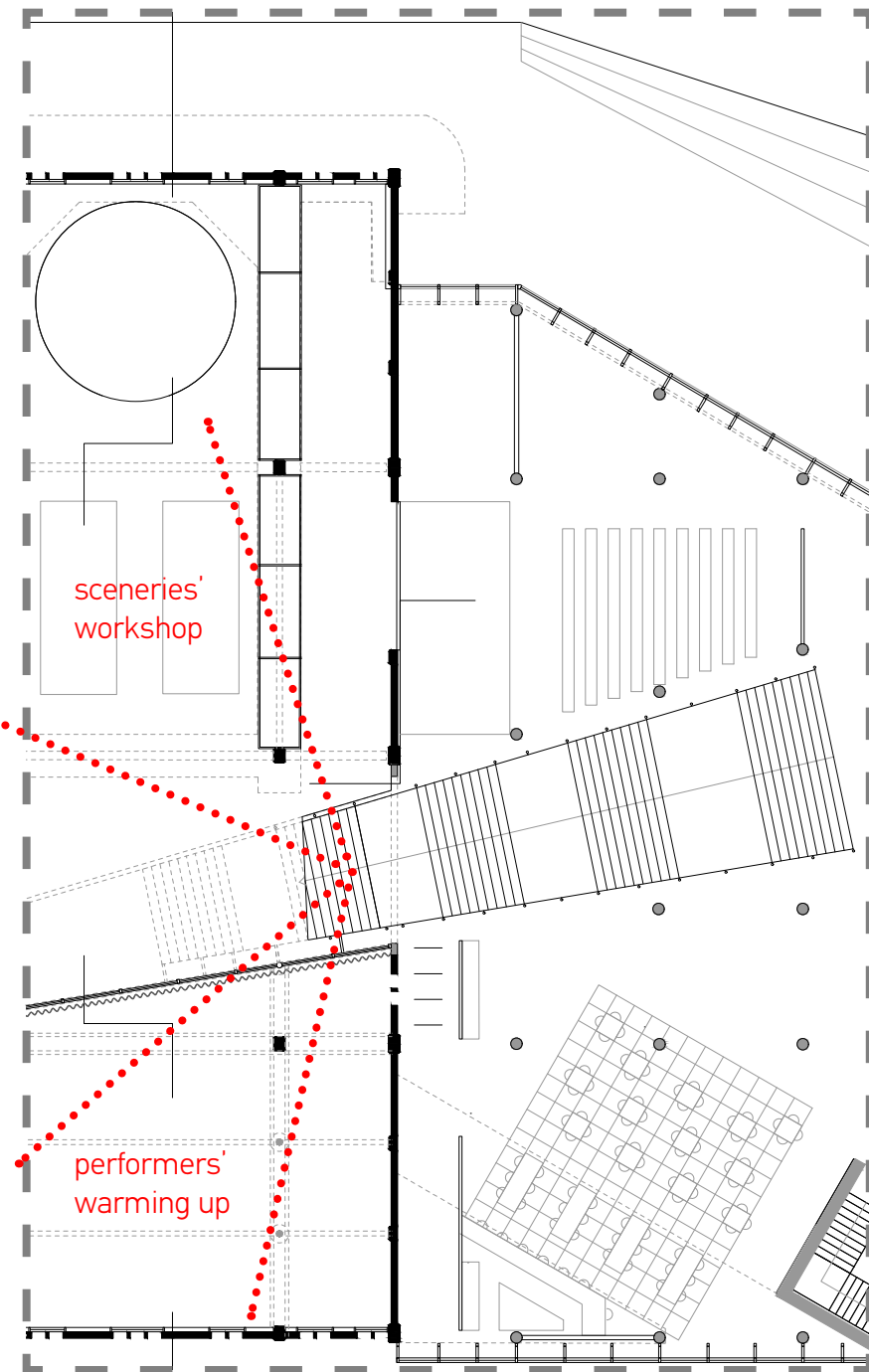
● Design

floor plan +8.00

37





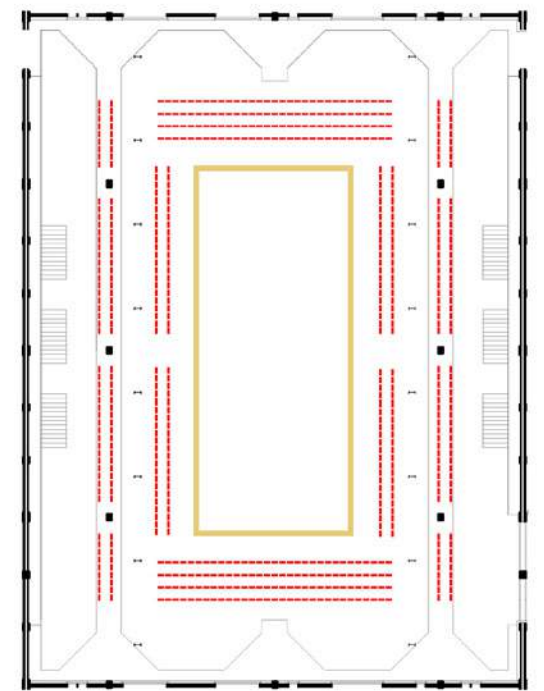
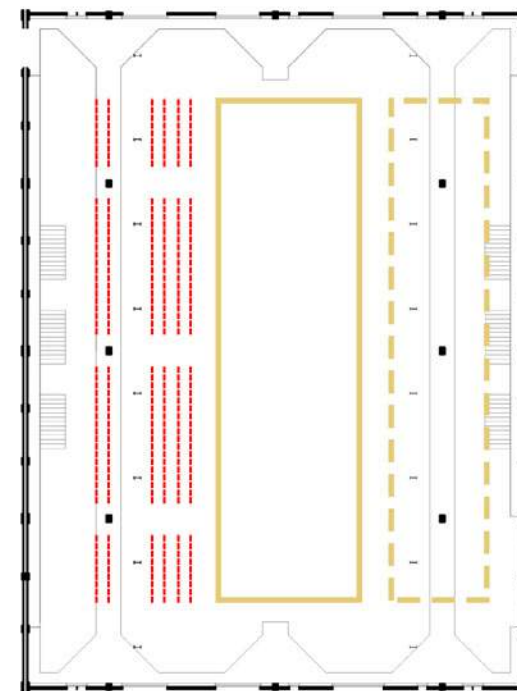
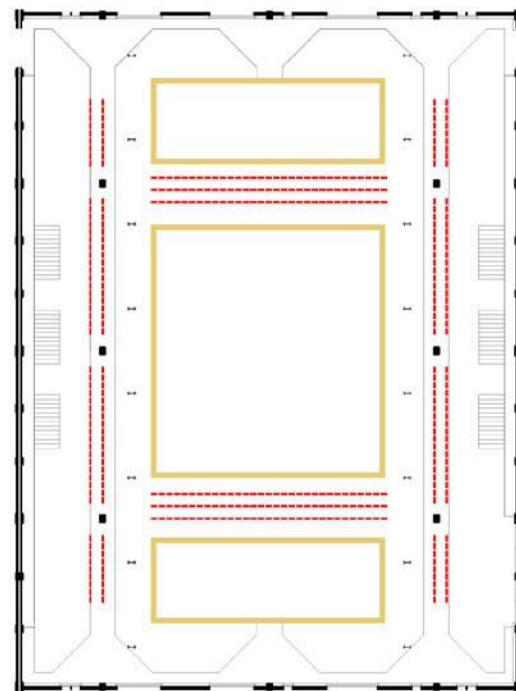
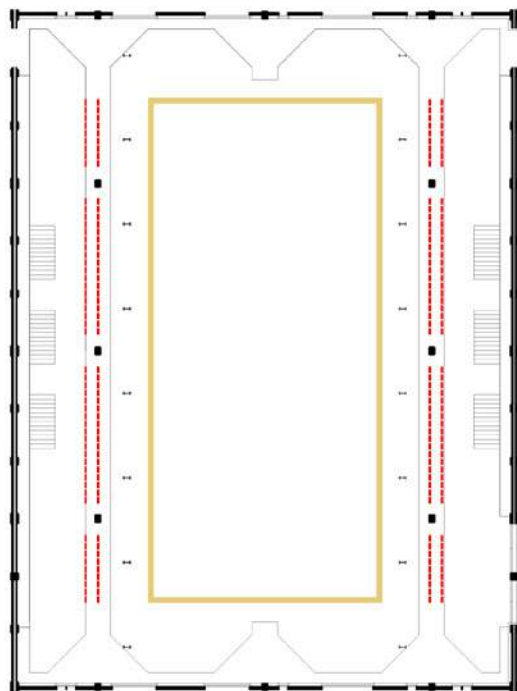
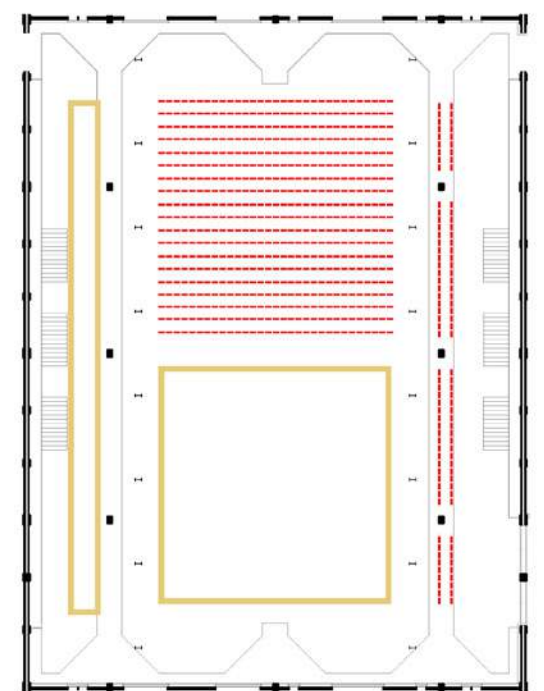
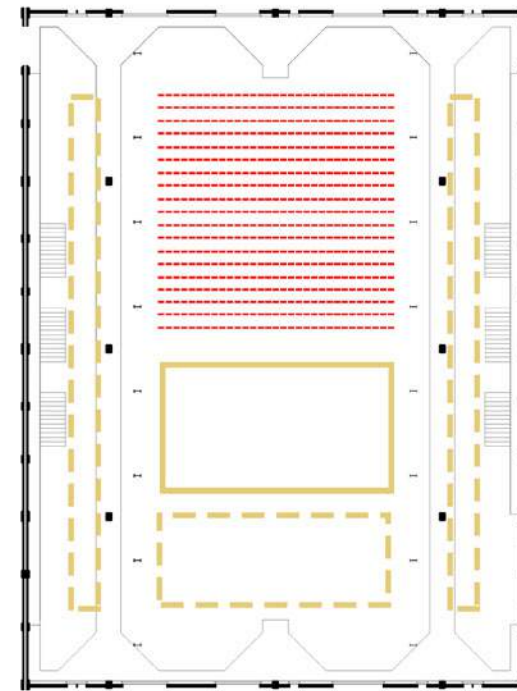
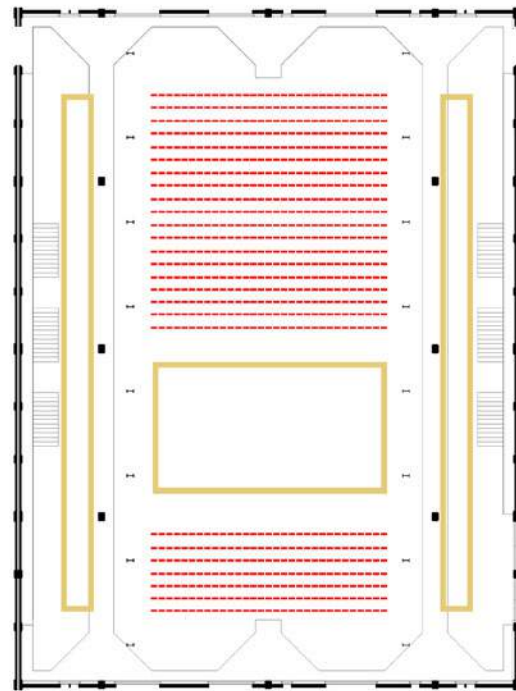
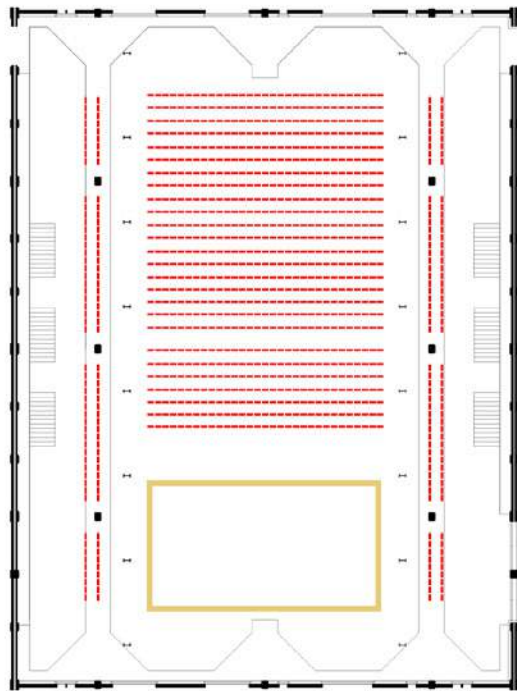


○ values

○ starting points

● Design
flexibility

40

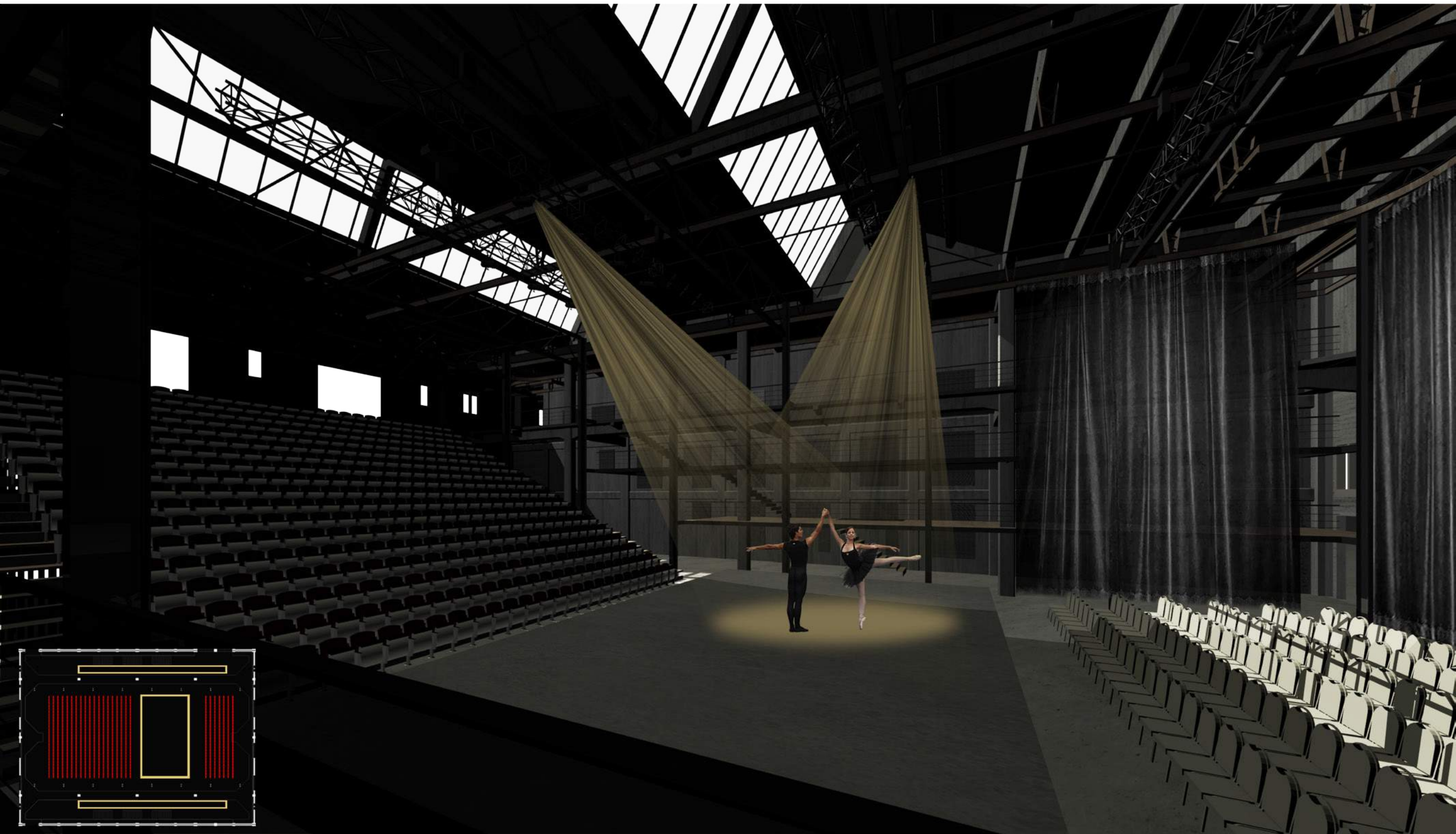


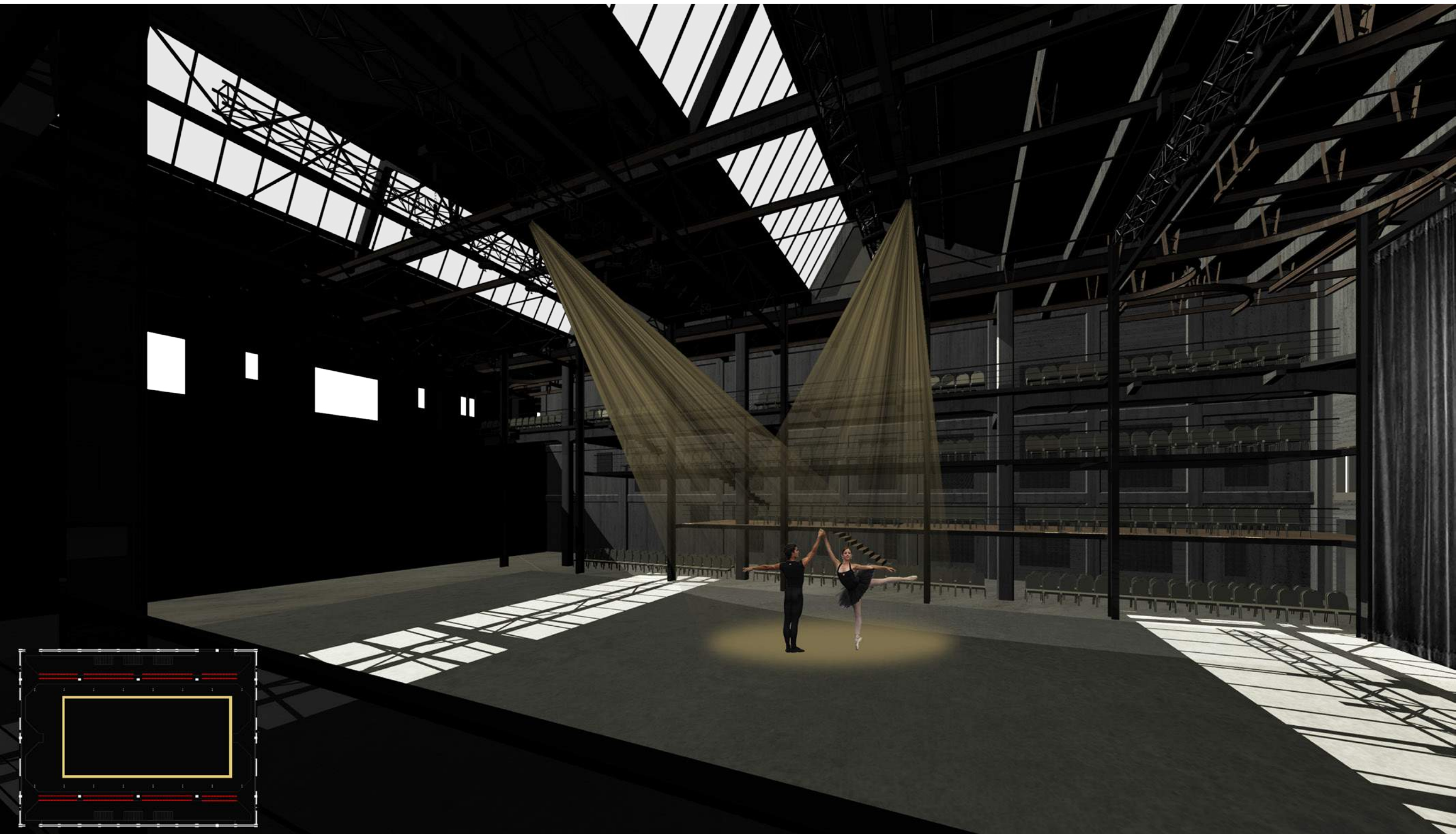
— performing space

- - - backstage

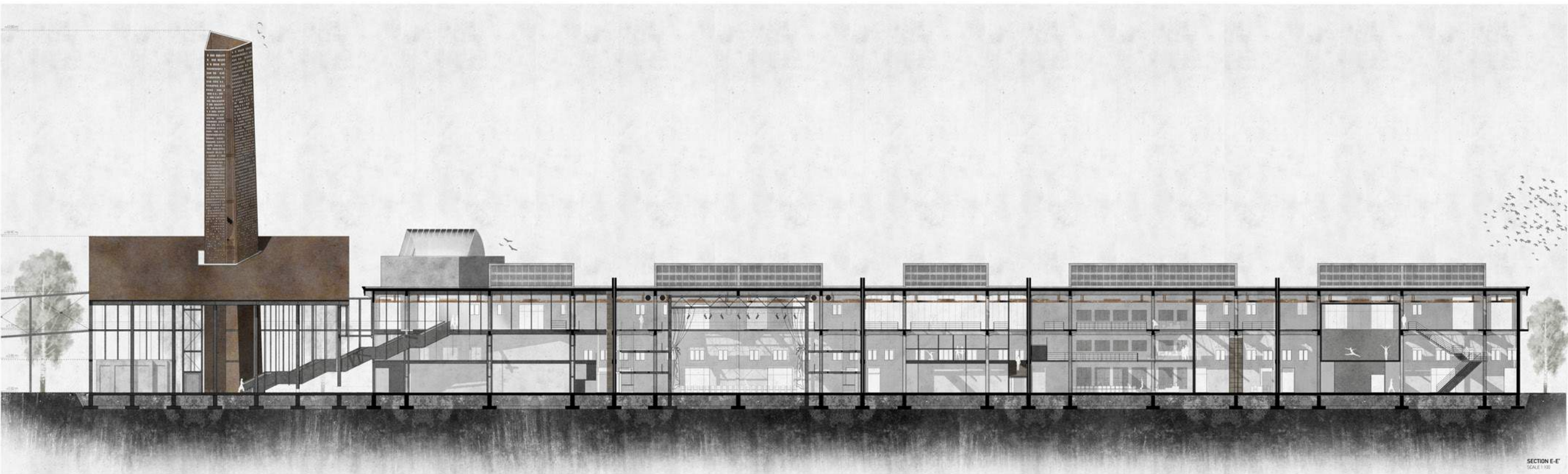
- - - audience

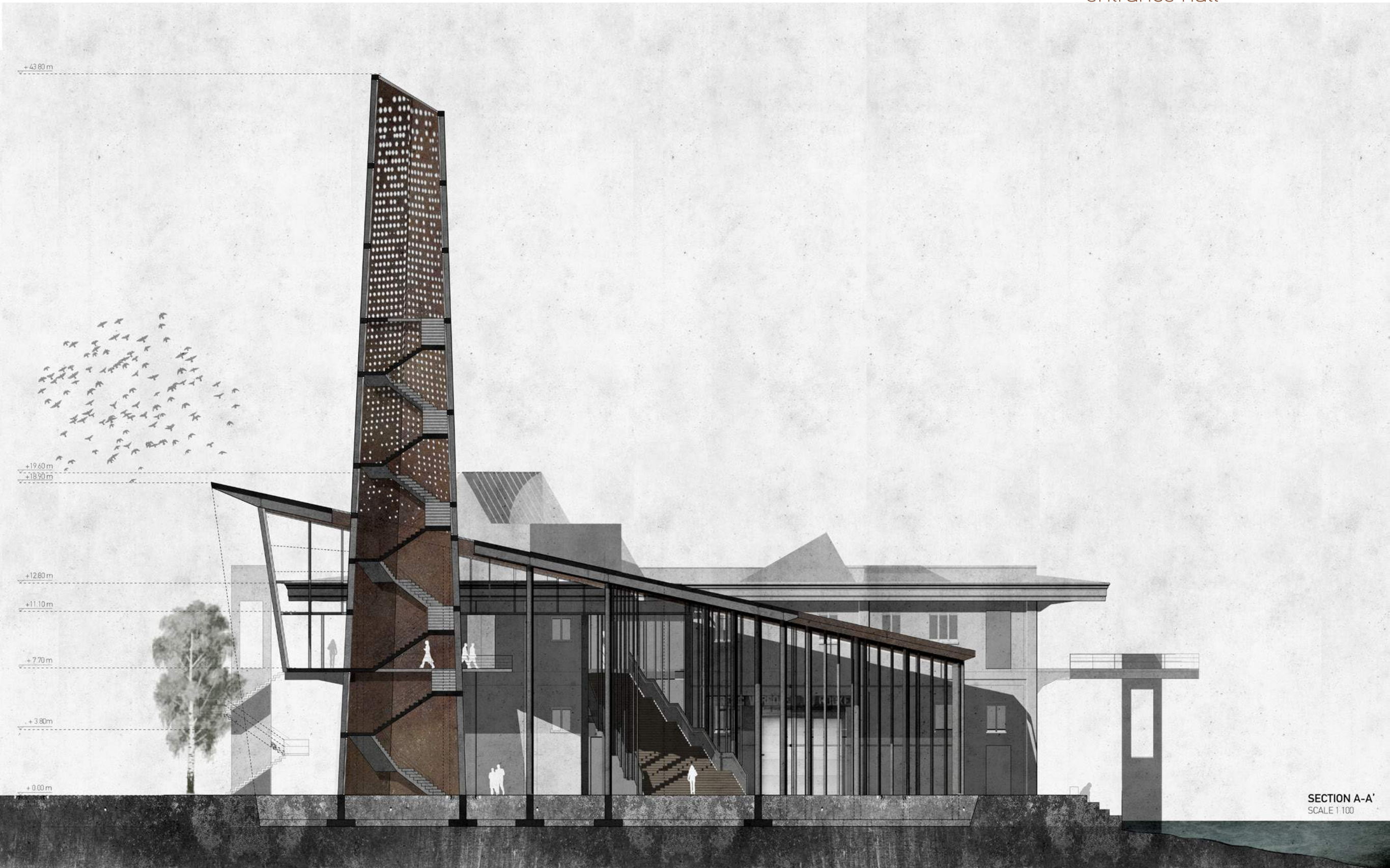


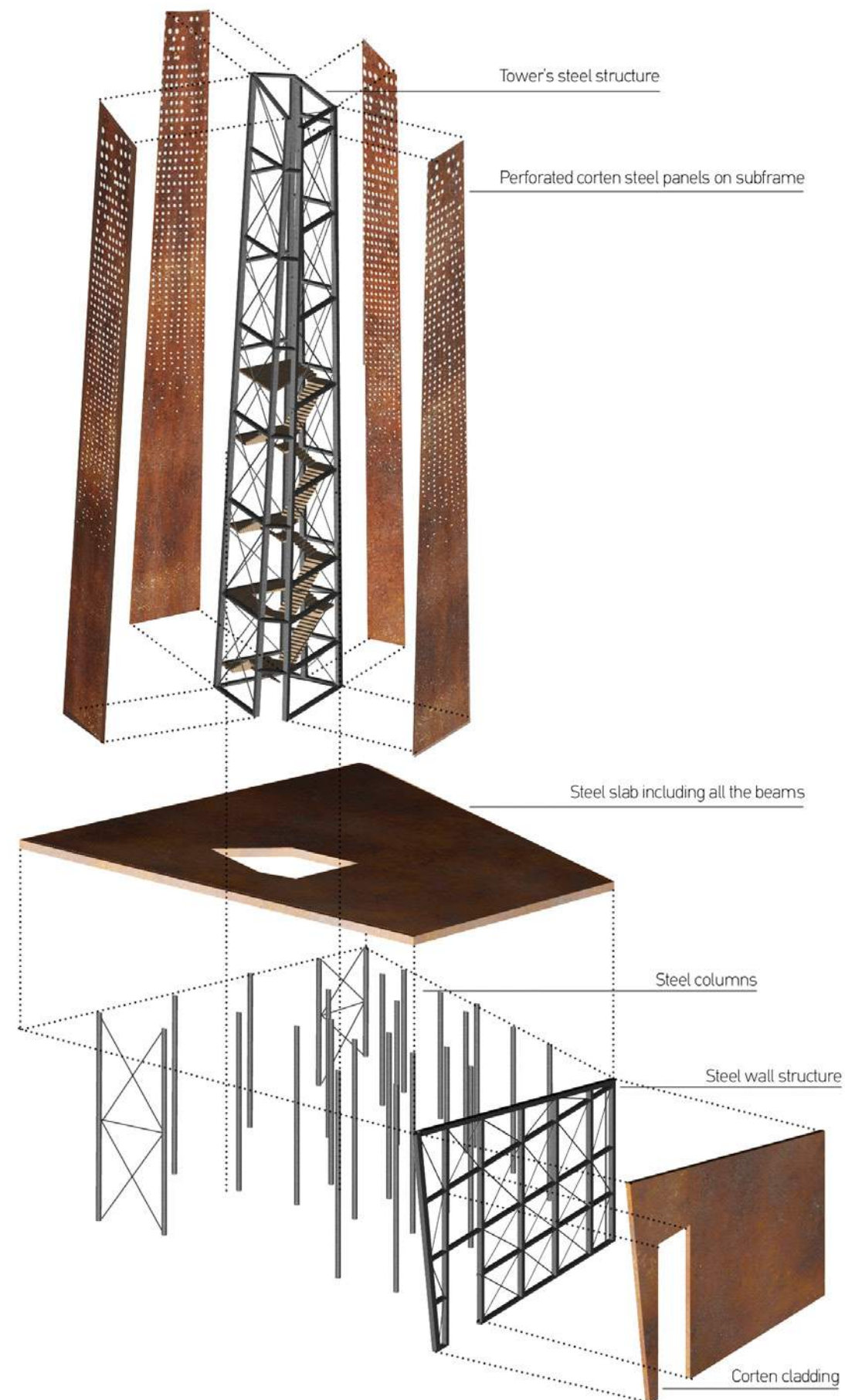


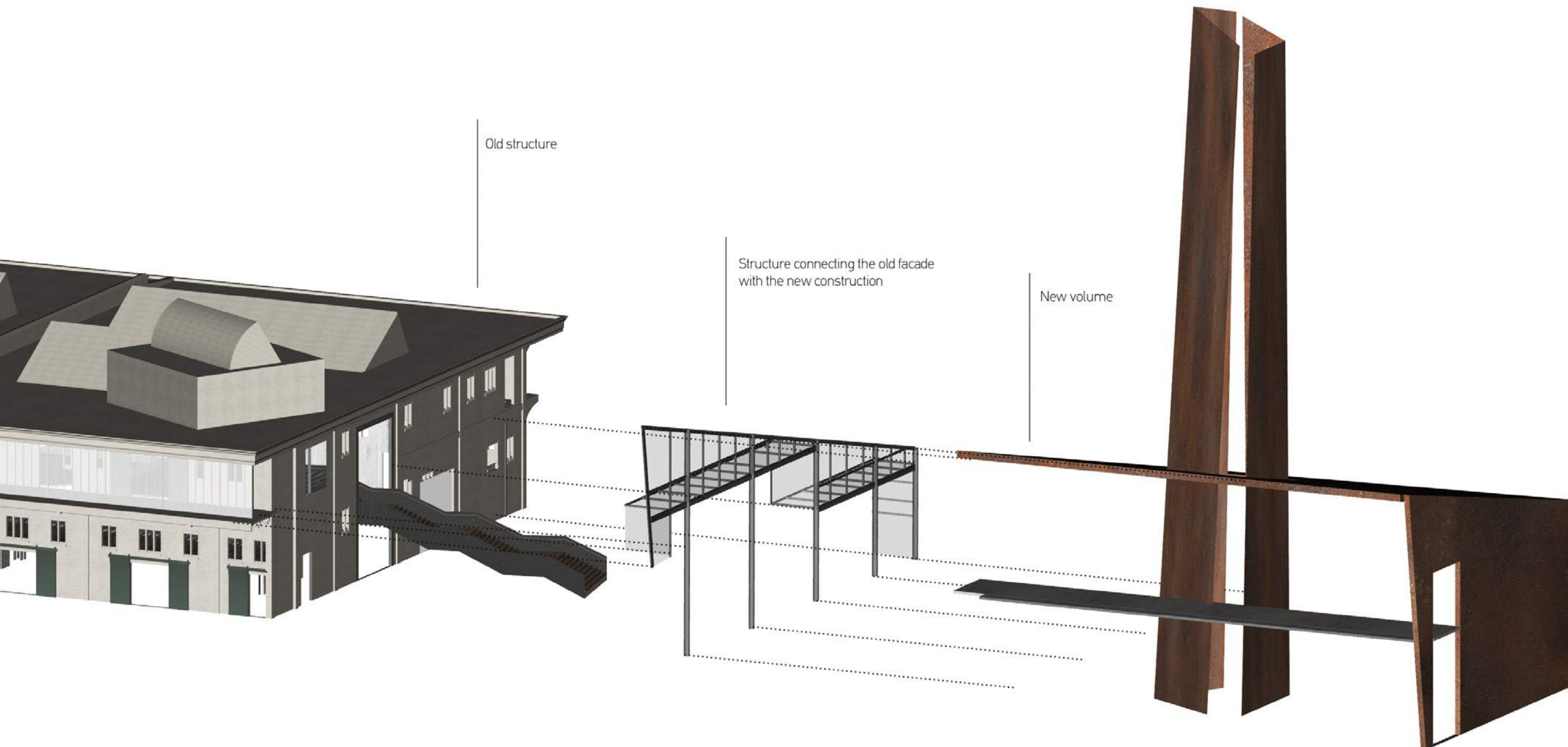


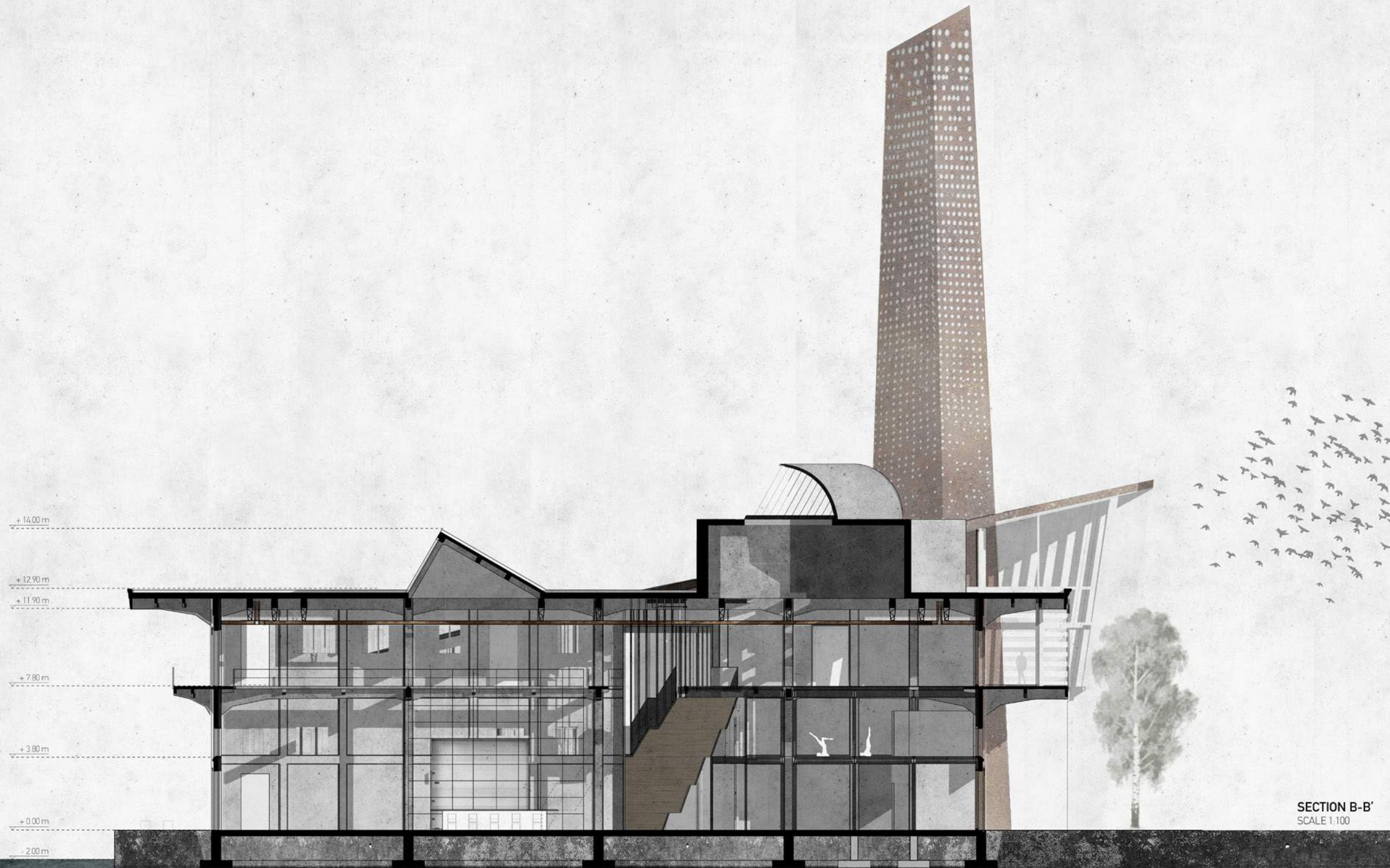


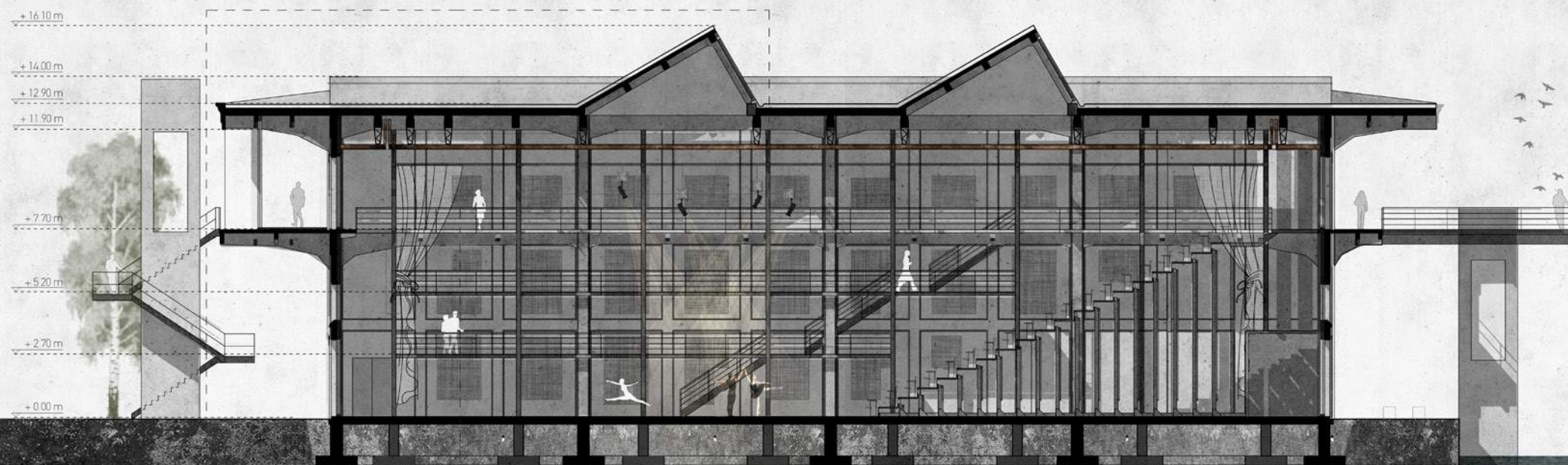












SECTION C-C'
SCALE 1:100



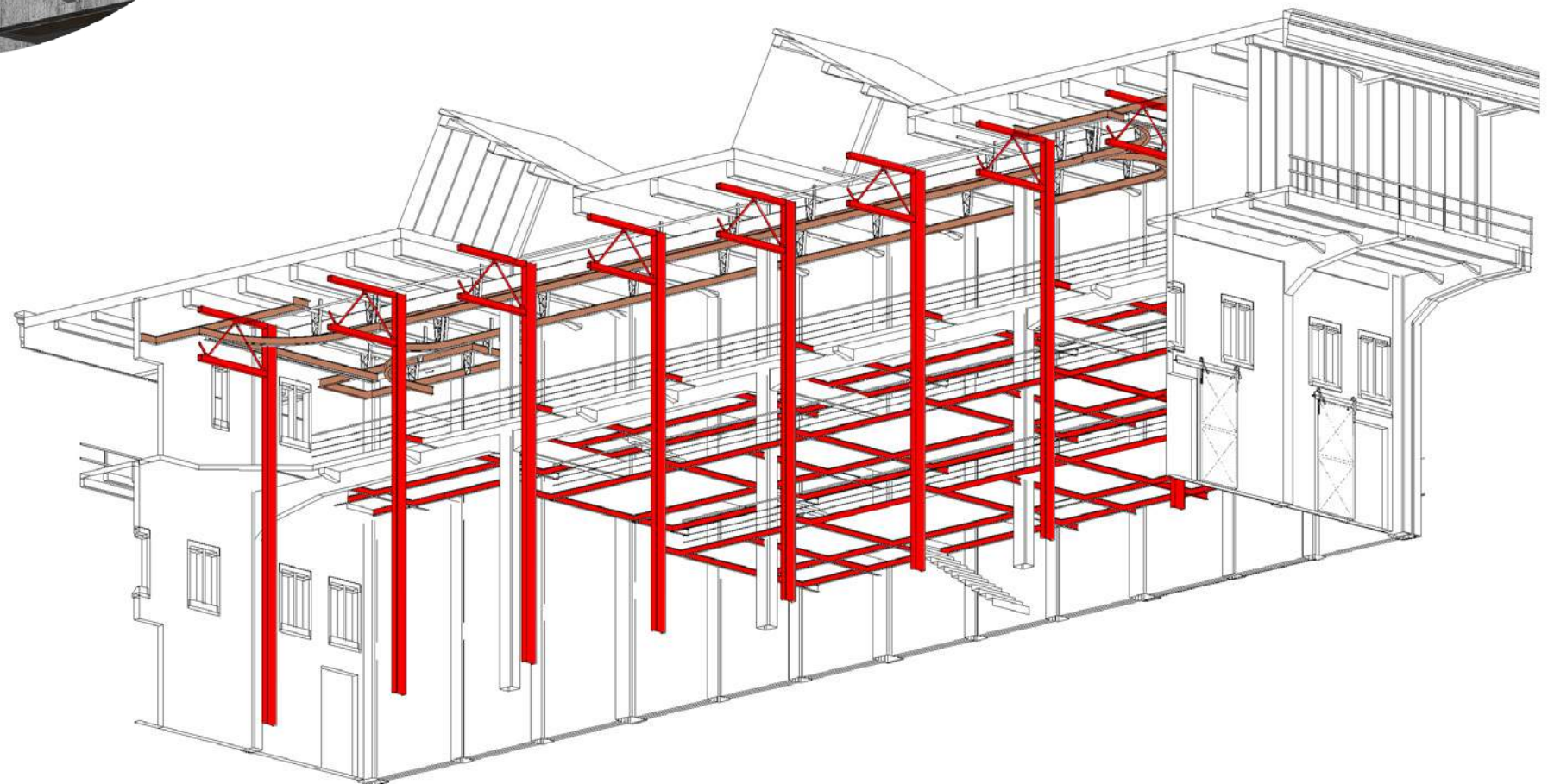
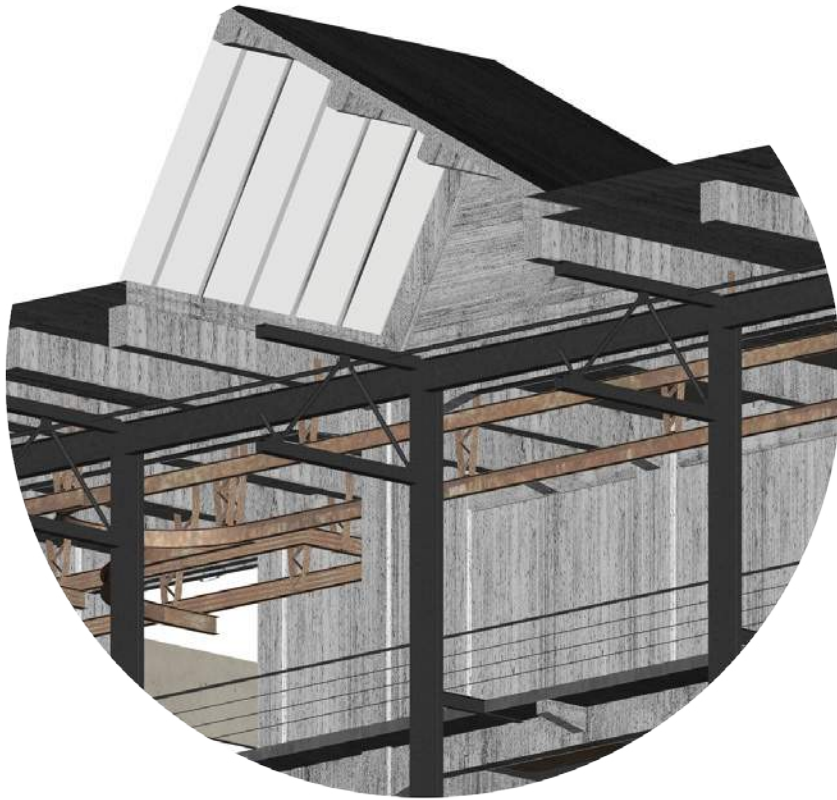
○ vaLues

○ starting points

● Design

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structure of theater space



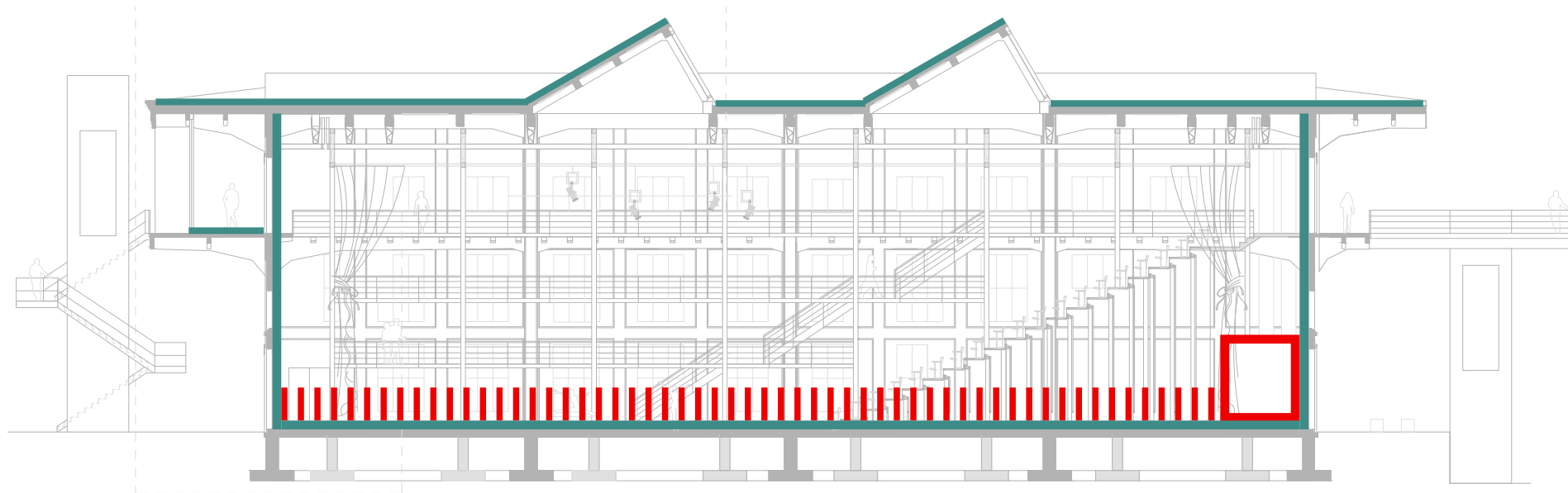
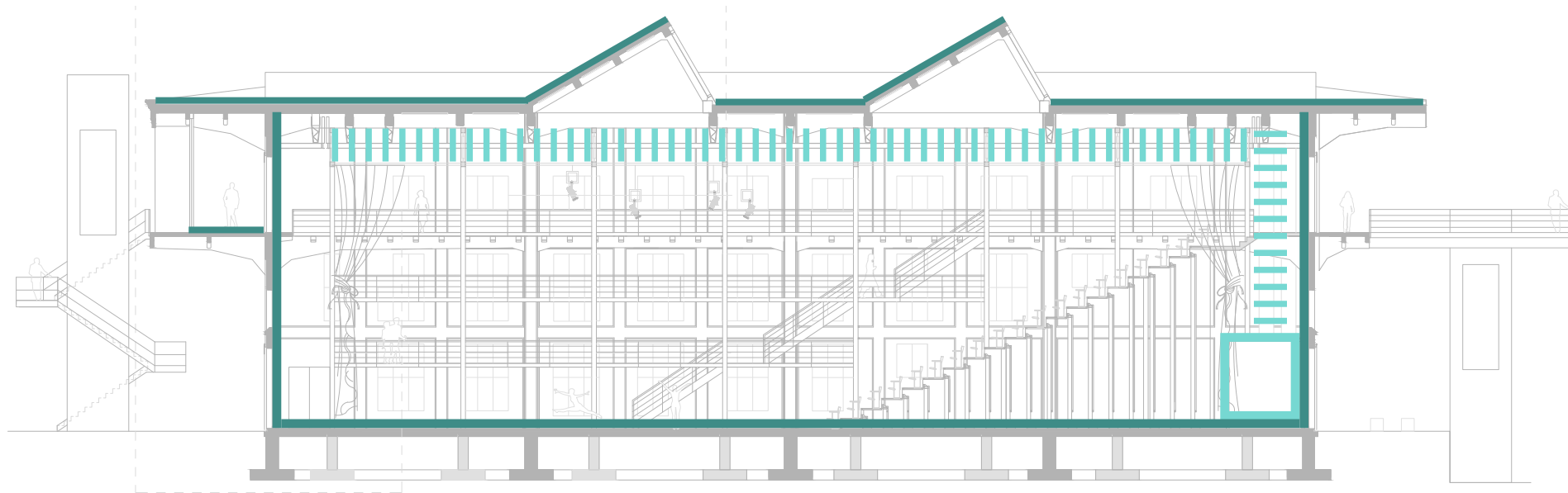


○ vaLues

○ starting points

● Design
climate design

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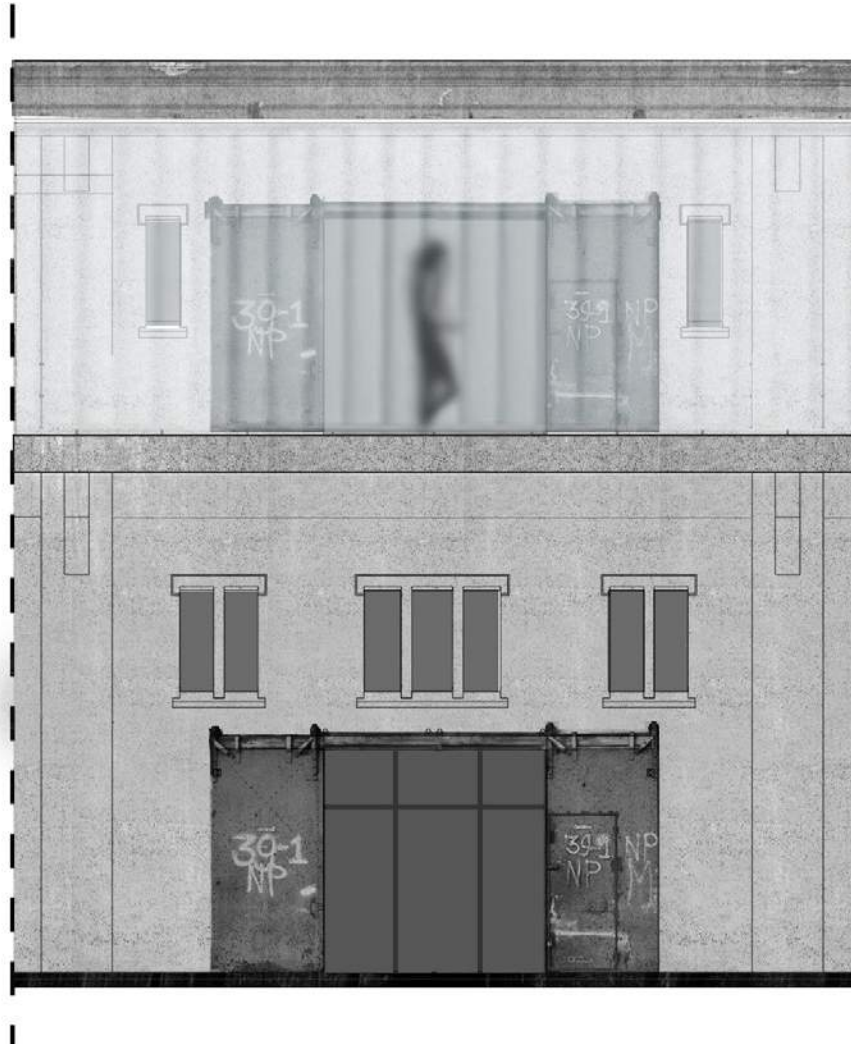


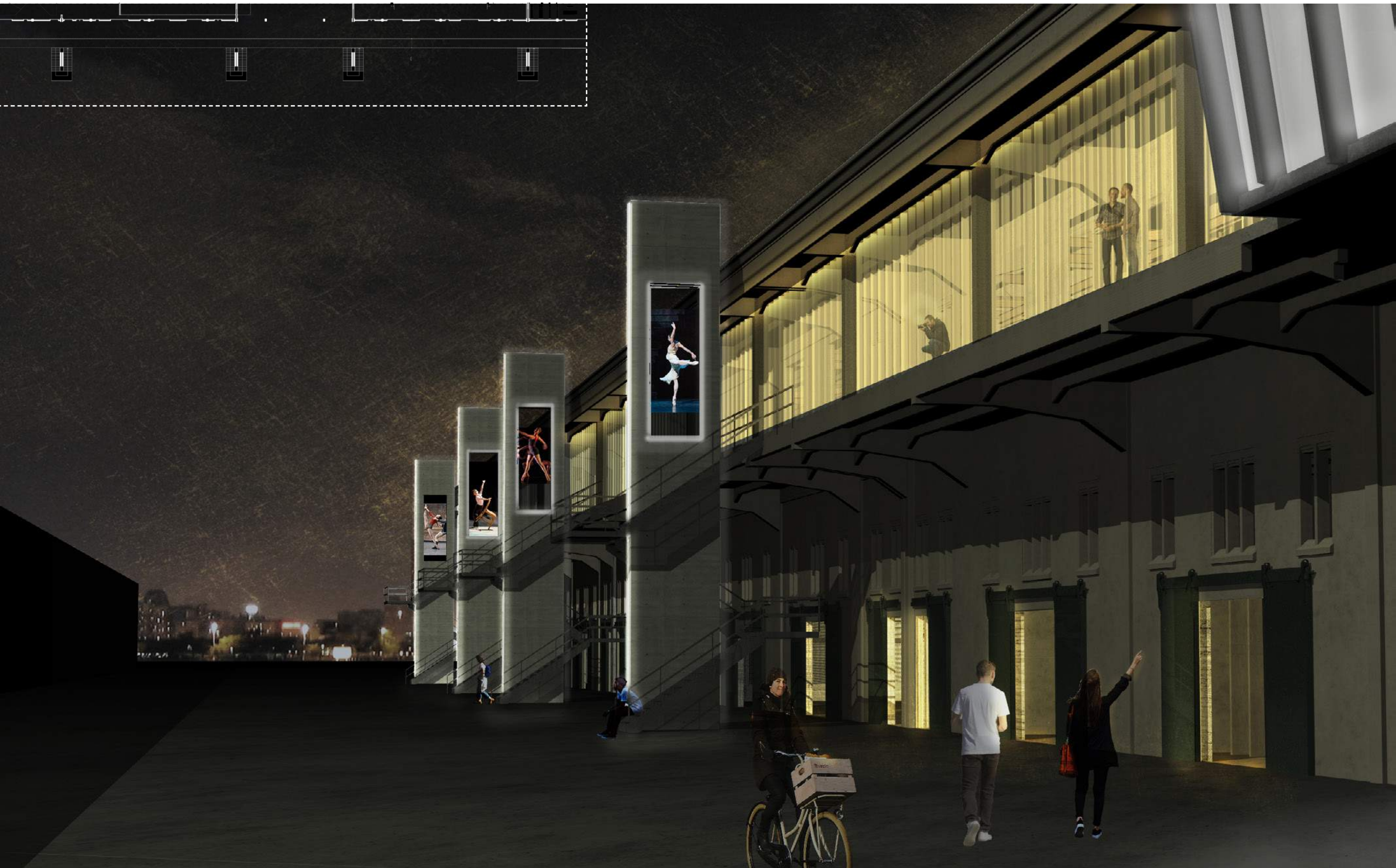


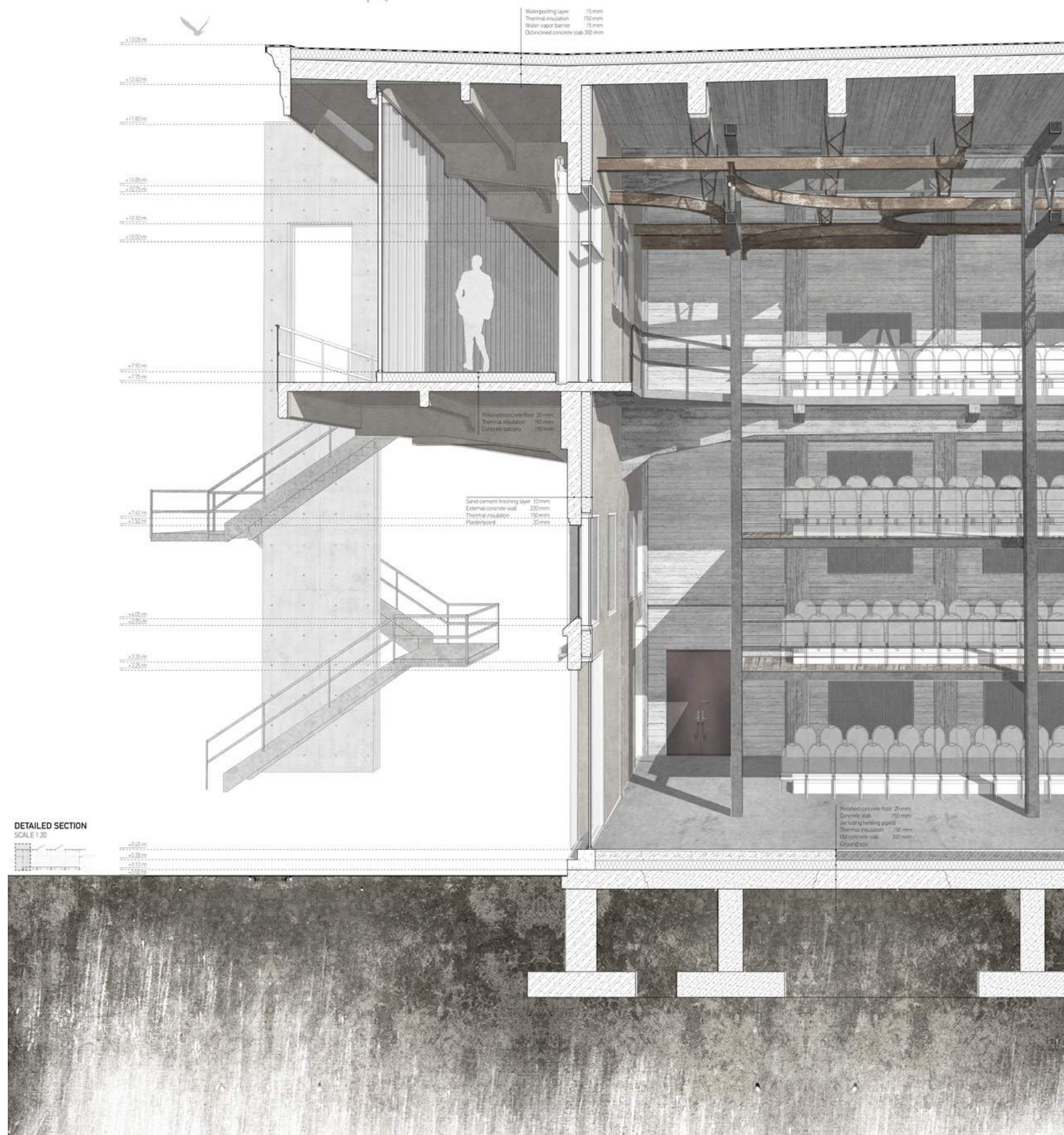
SOUTH EAST ELEVATION | EXISTING
SCALE 1:200

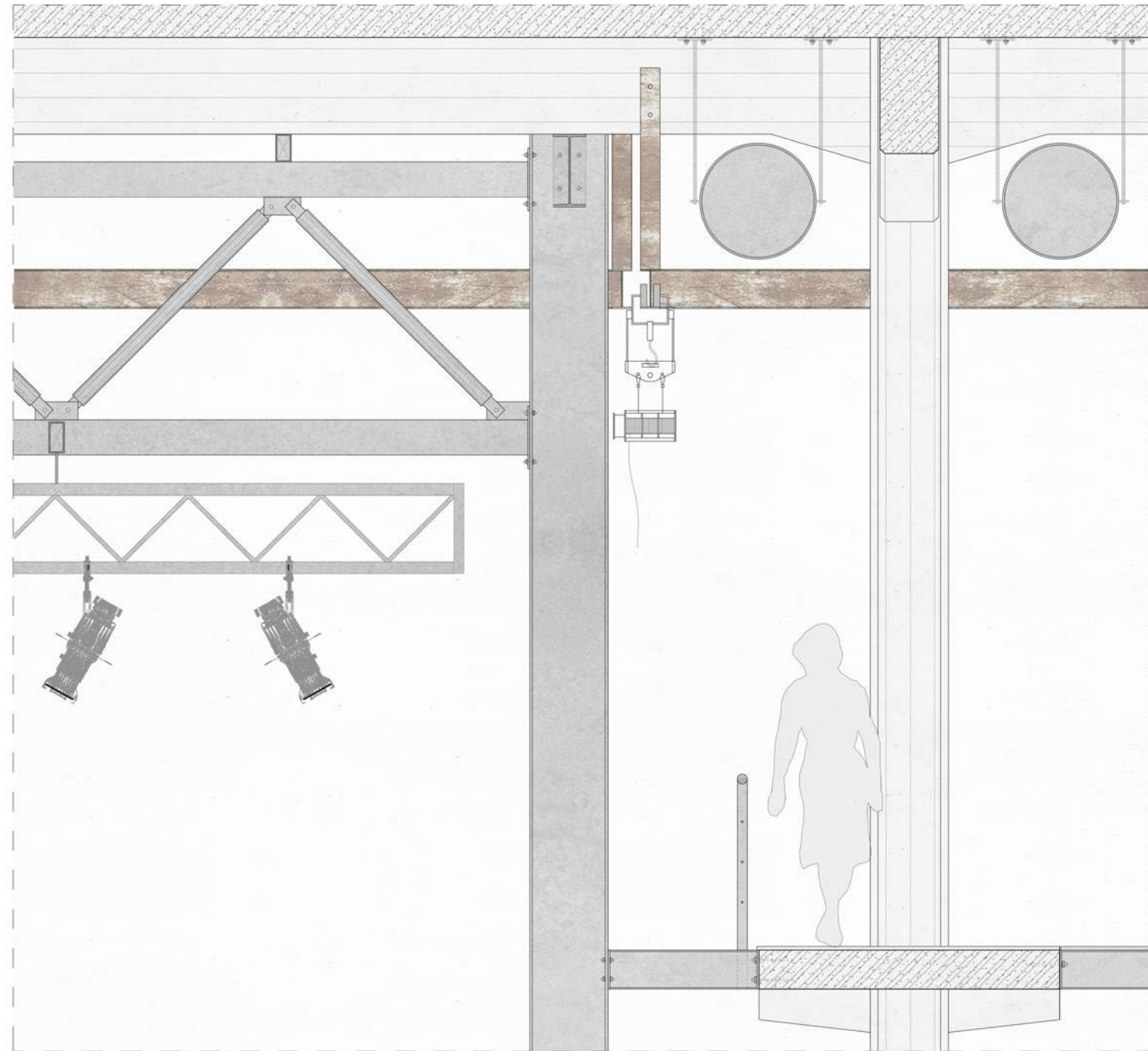
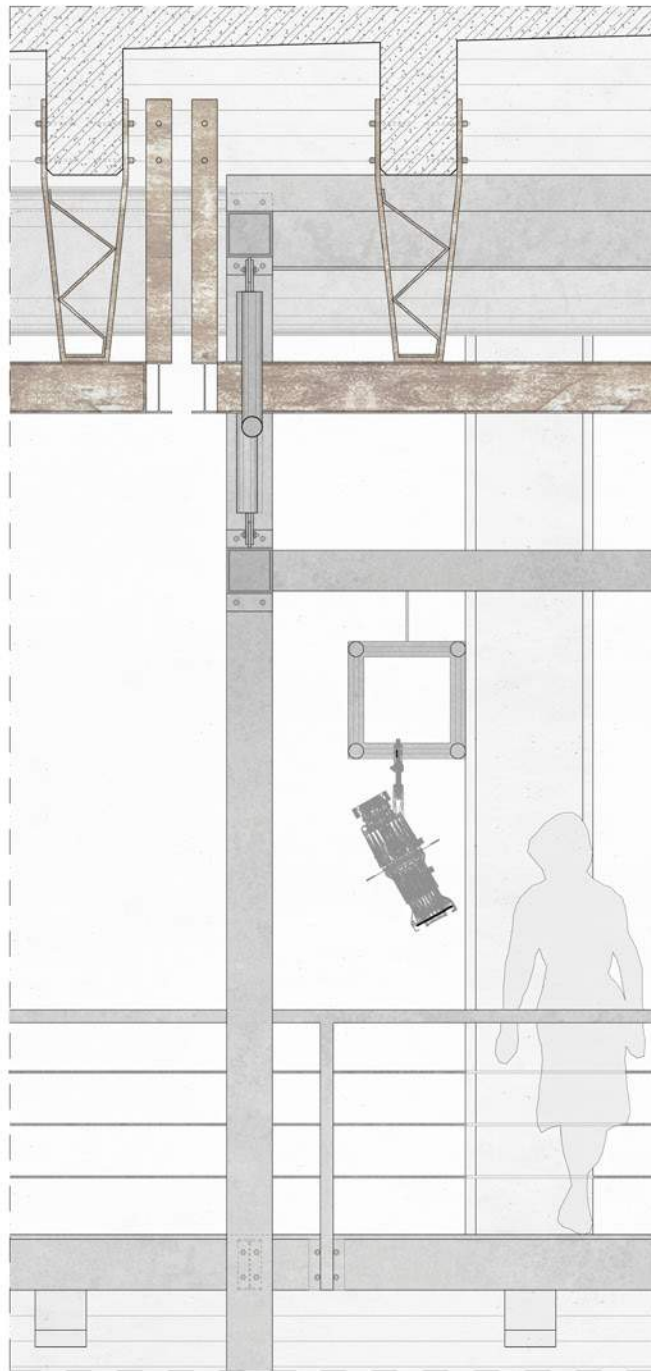


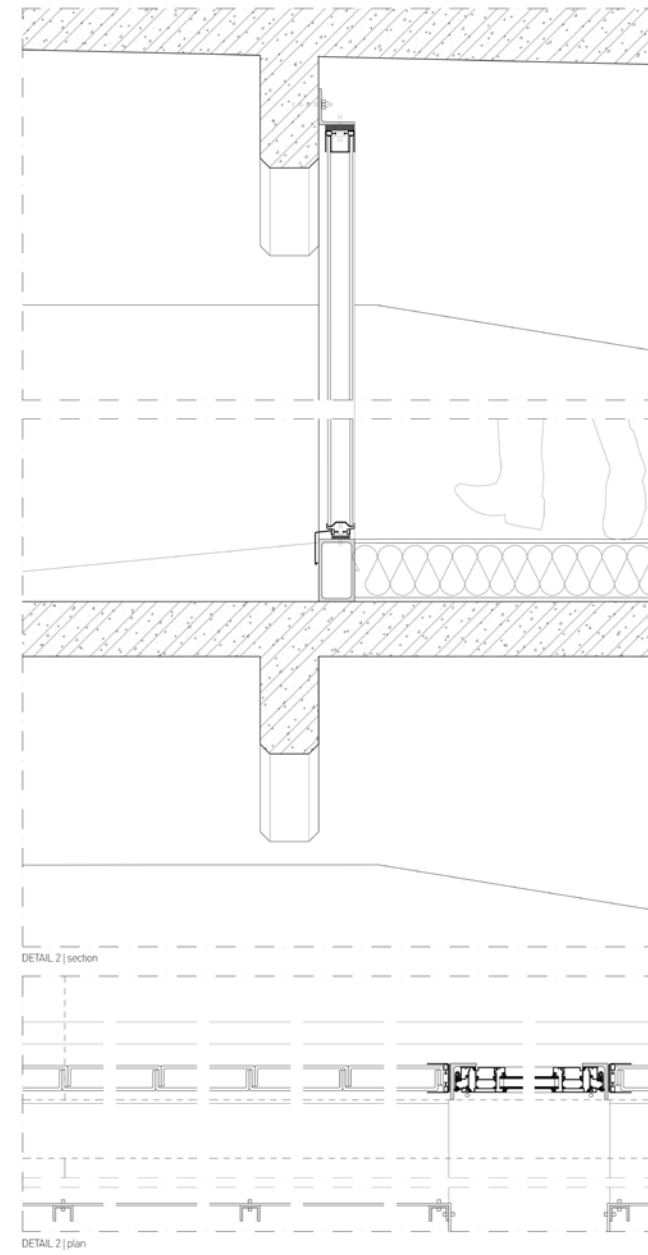
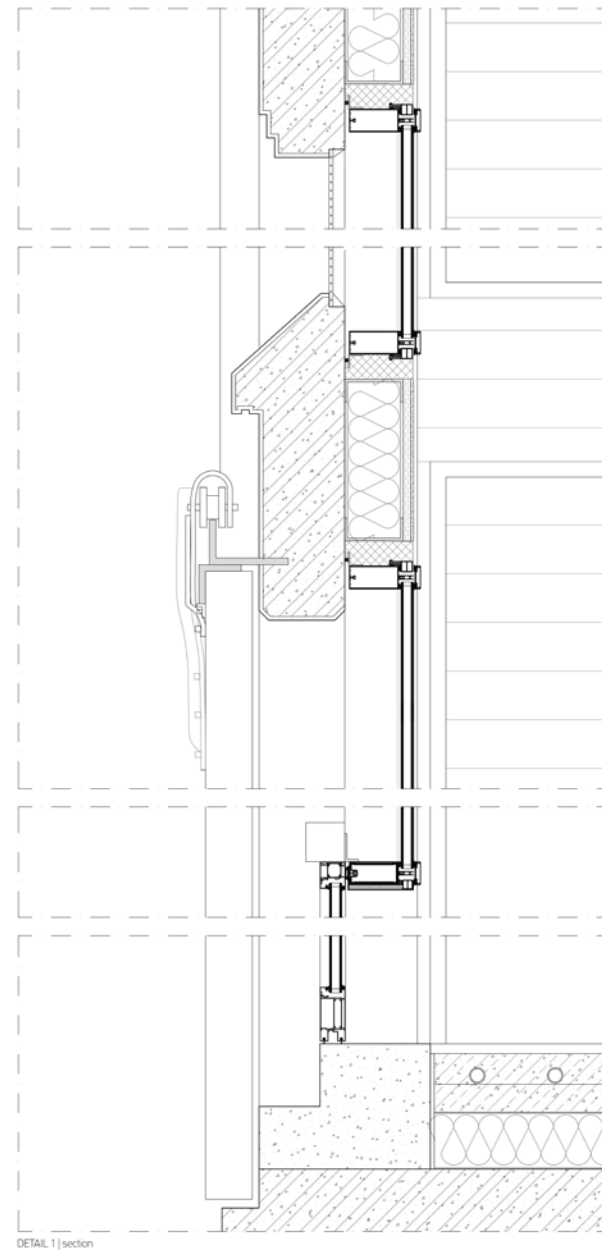
SOUTH EAST ELEVATION
SCALE 1:200











DETAIL 1 & 2
Existing openings & translucent glass detail
SCALE 1:5



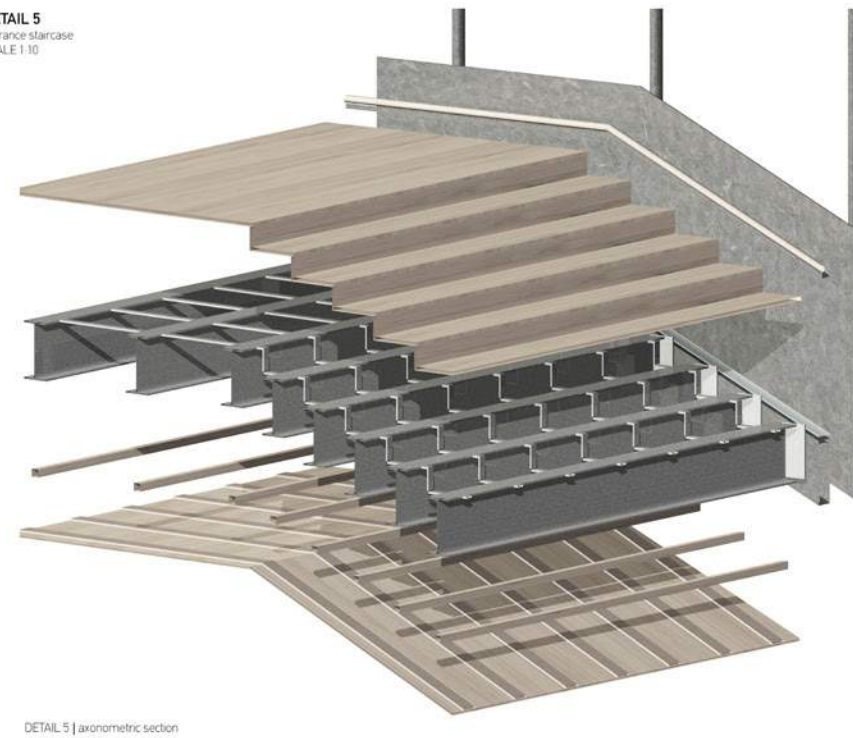
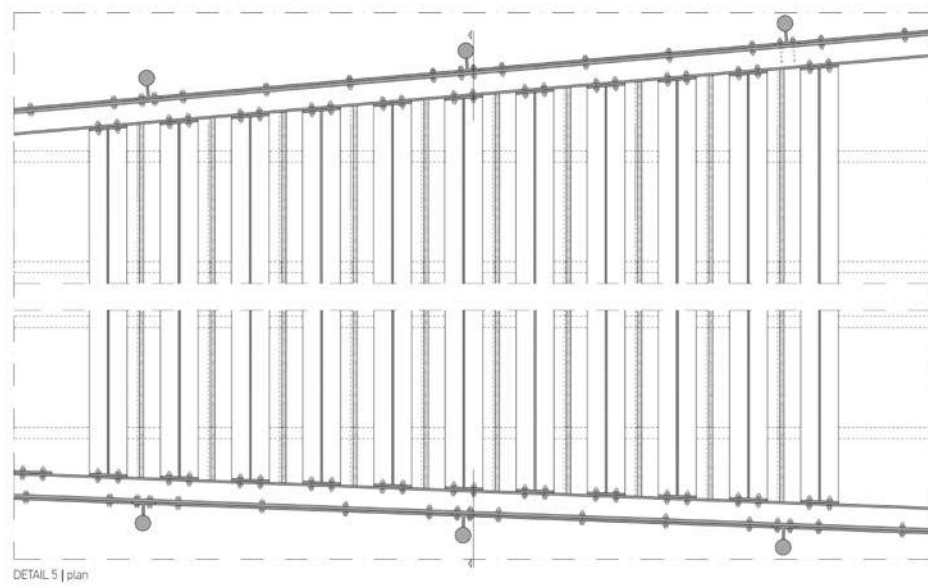
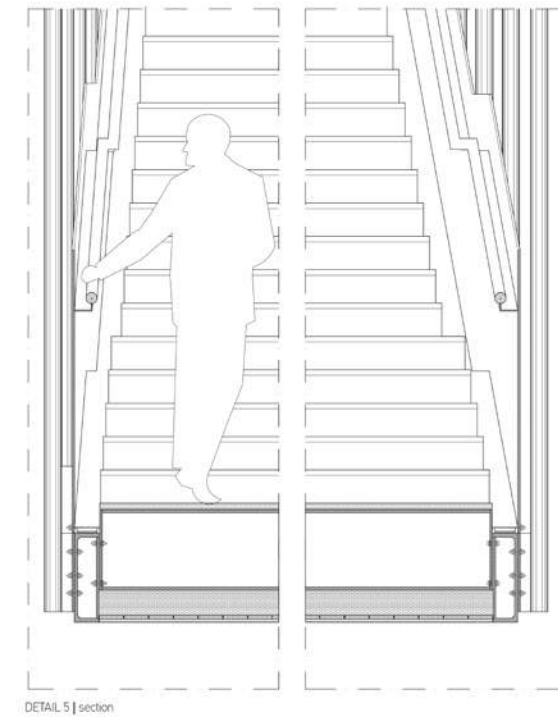
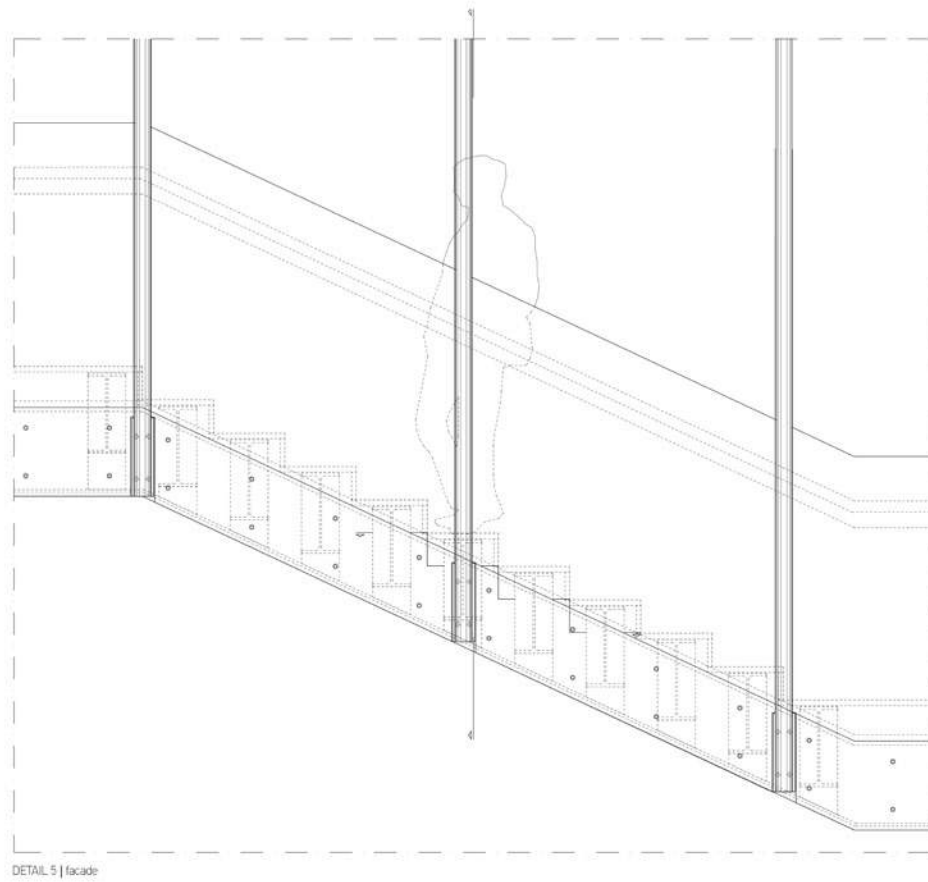
○ values

○ starting points

○ Design

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entrance staircase 1:10



○ vaLues

○ starting points

○ Design
materials

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