



THE URBAN FOYER

P5 PRESENTATION

Heritage & Architecture Disclosing the Military City Lisbon

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Second tutor: dr. ir. Wido Quist
Third tutor: prof. dr. Marieke Kuipers
Board of Examiners delegate: ir. André Ouwehand

04-06-2017

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THE MMC

STRATEGY

MASTERPLAN

NEIGHBOURHOOD ENSEMBLE

DESIGN

CARWORKSHOP

CANNERY / FROZEN FOODS

STREET

URBAN FOYER

REFLECTION



DOCOMOMO WORKSHOP





COMOMO WORKSHOP





source:
Apple® maps





Expo '98

Beato

City centre

N



Expo '98

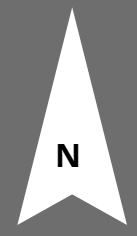
Beato

City centre

N



source:
Apple® maps



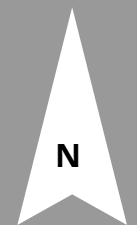


Xabregas

Madre de Deus

MMC

Beato

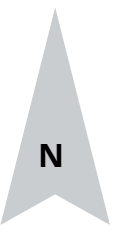
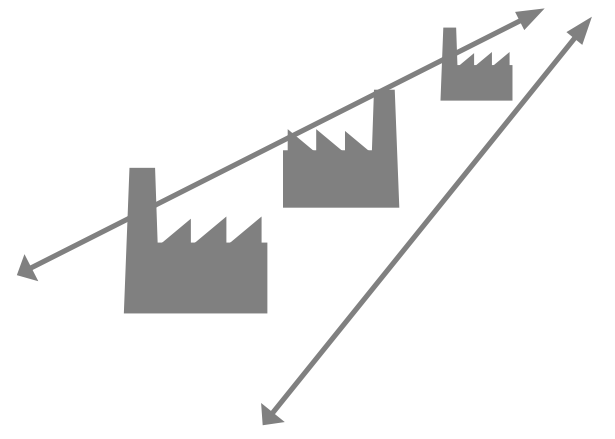




Rua do Grilo

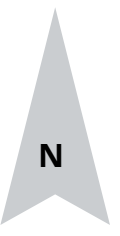
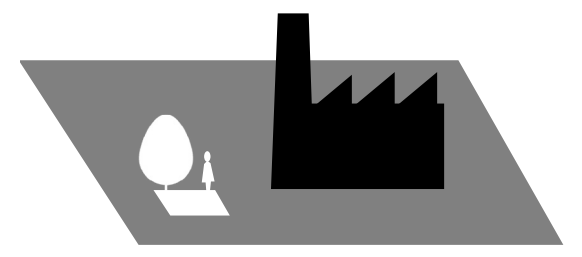
Av. Infante Dom Henrique

source:
Apple® maps





source:
Apple® maps







Upper

Middle

Lower

Rua do Grillo



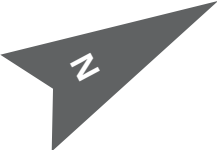
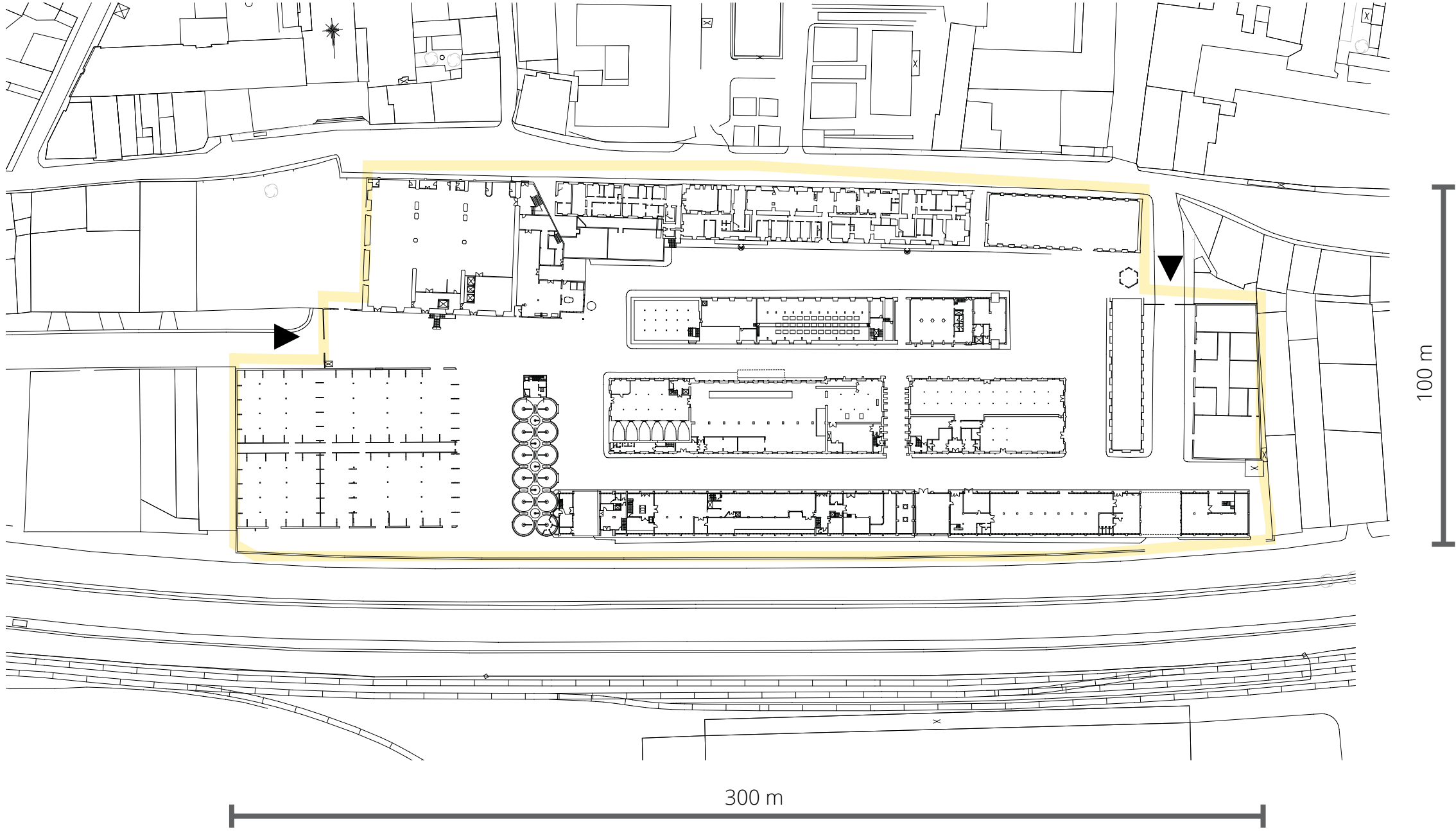


source: Google earth



MMC

DISCOVERING THE SITE



NORTH ENTRANCE



source:
H. Zijlstra

SOUTH ENTRANCE



source:
D. Masmeier





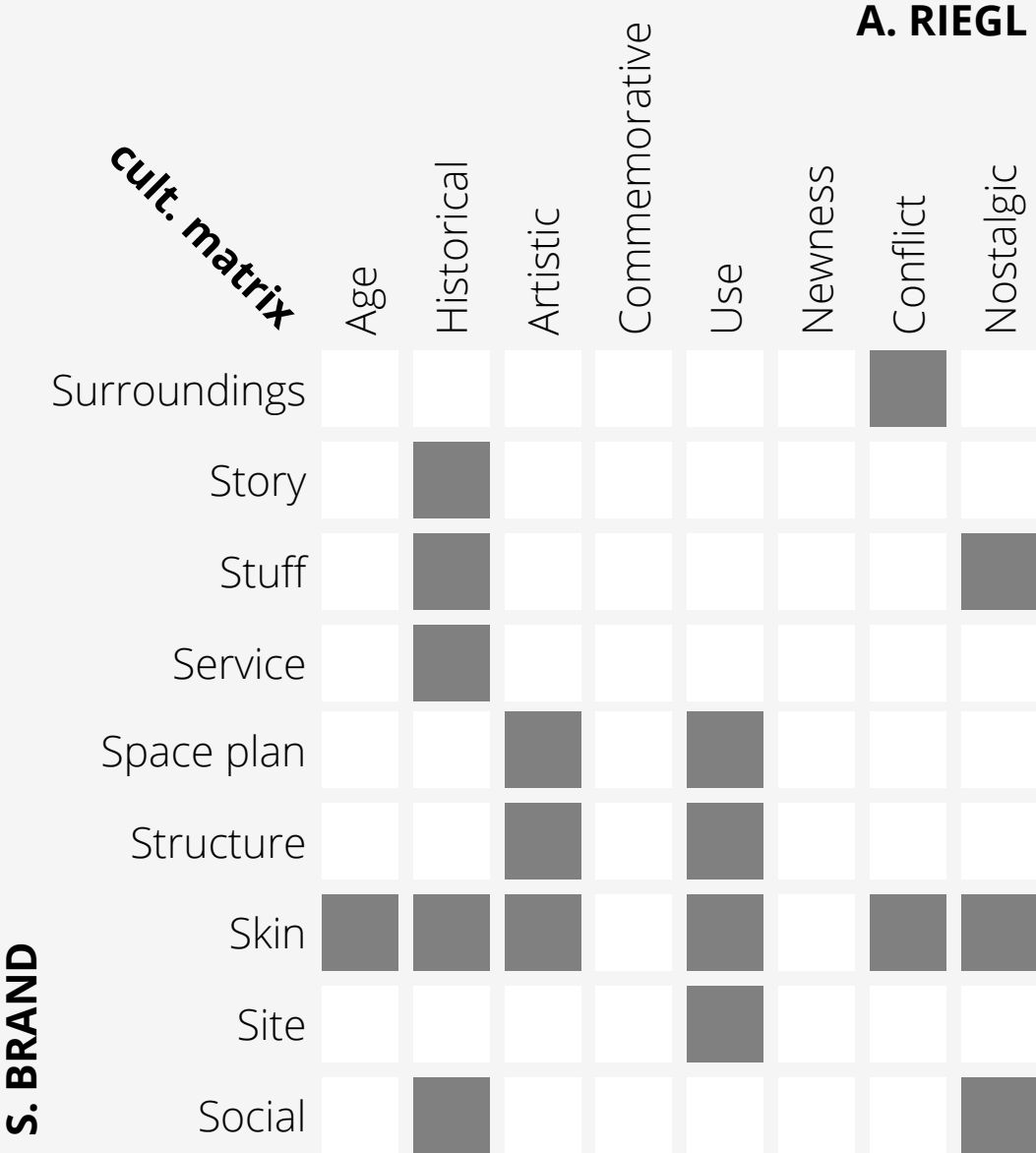




DE

DISCOVERING MMC

VALUES ON SITE LEVEL



themes

spirit of former use

Focused around the **atmosphere** and the **old functions** of the buildings and site

disconnection

Focused on the **contrasts** that exist and the **strangeness** that arises from them

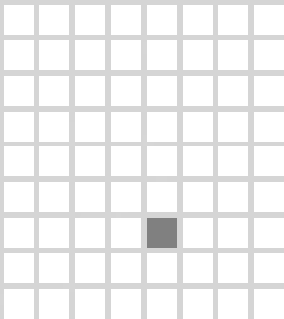
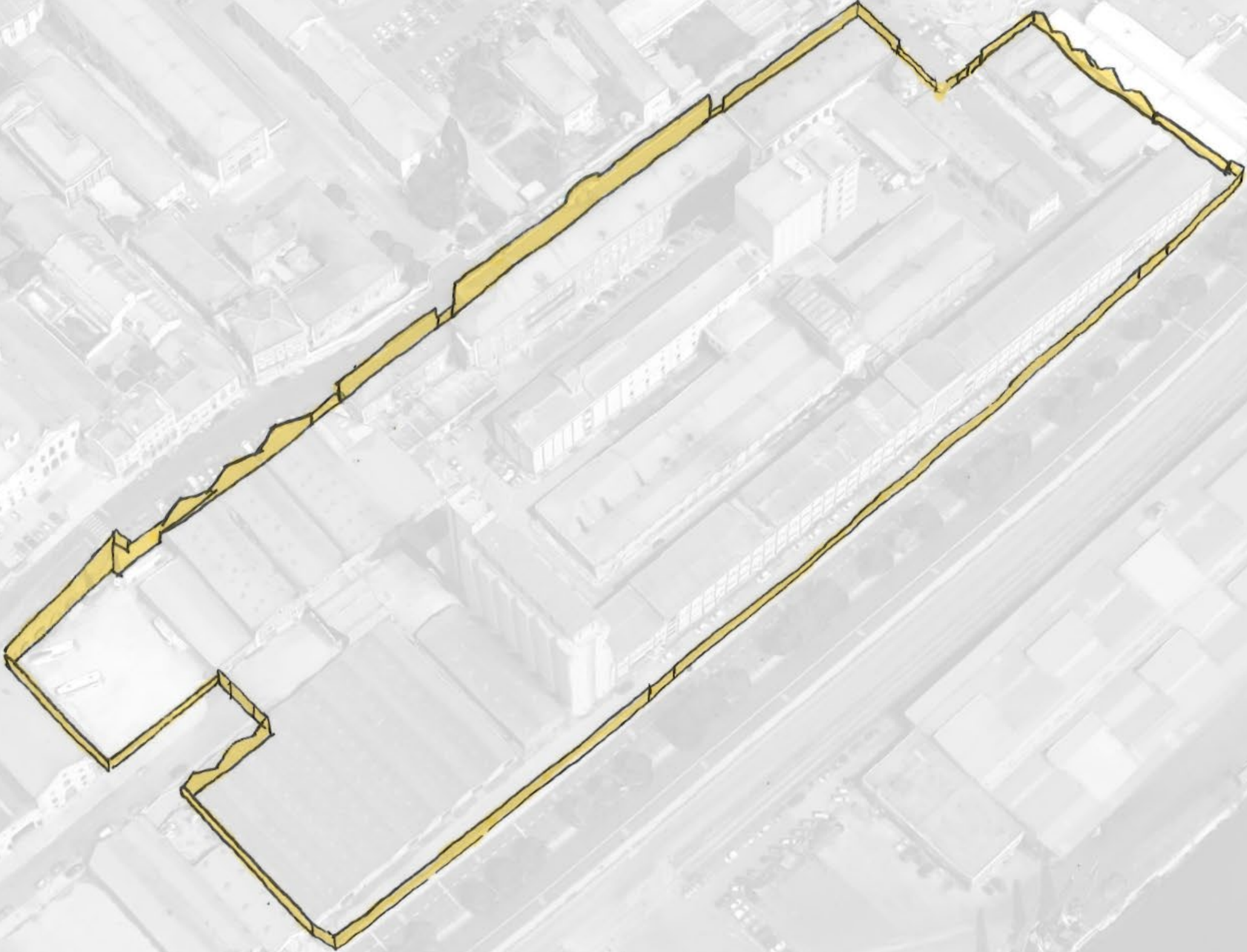
proportions

common ground for the industrial and human **scale**



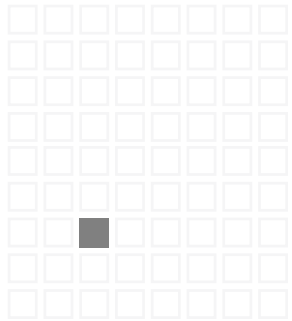
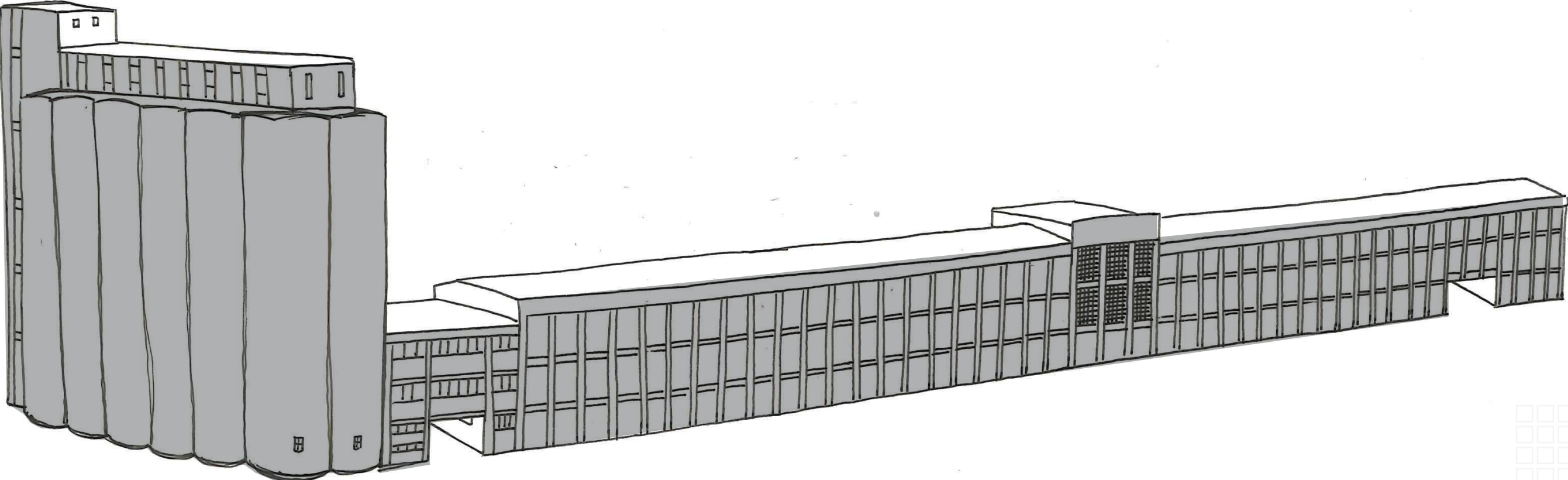
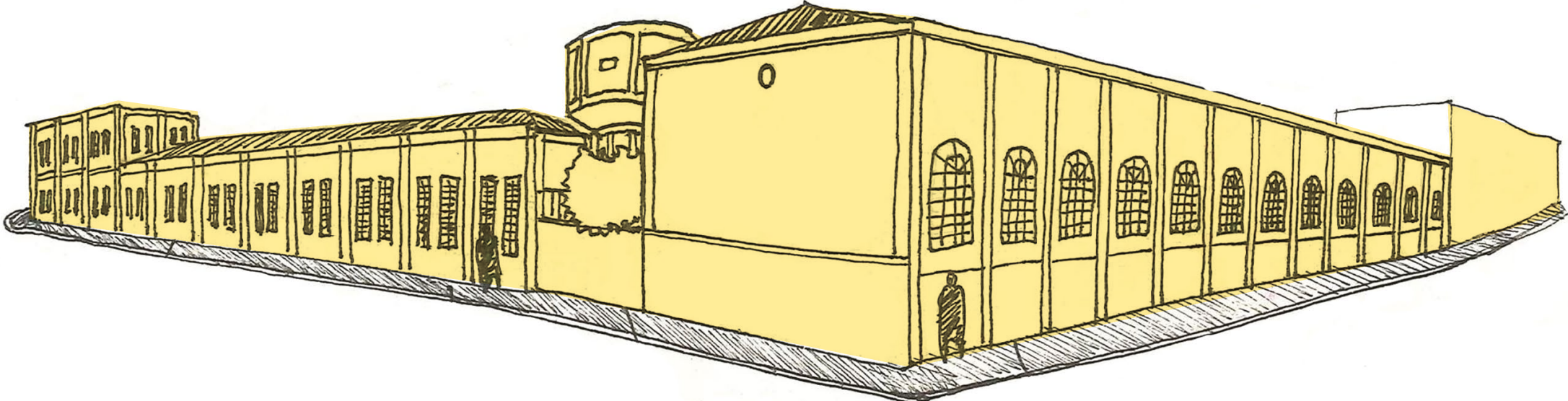
ENCLOSED CHARACTER

DIVERSE BORDER



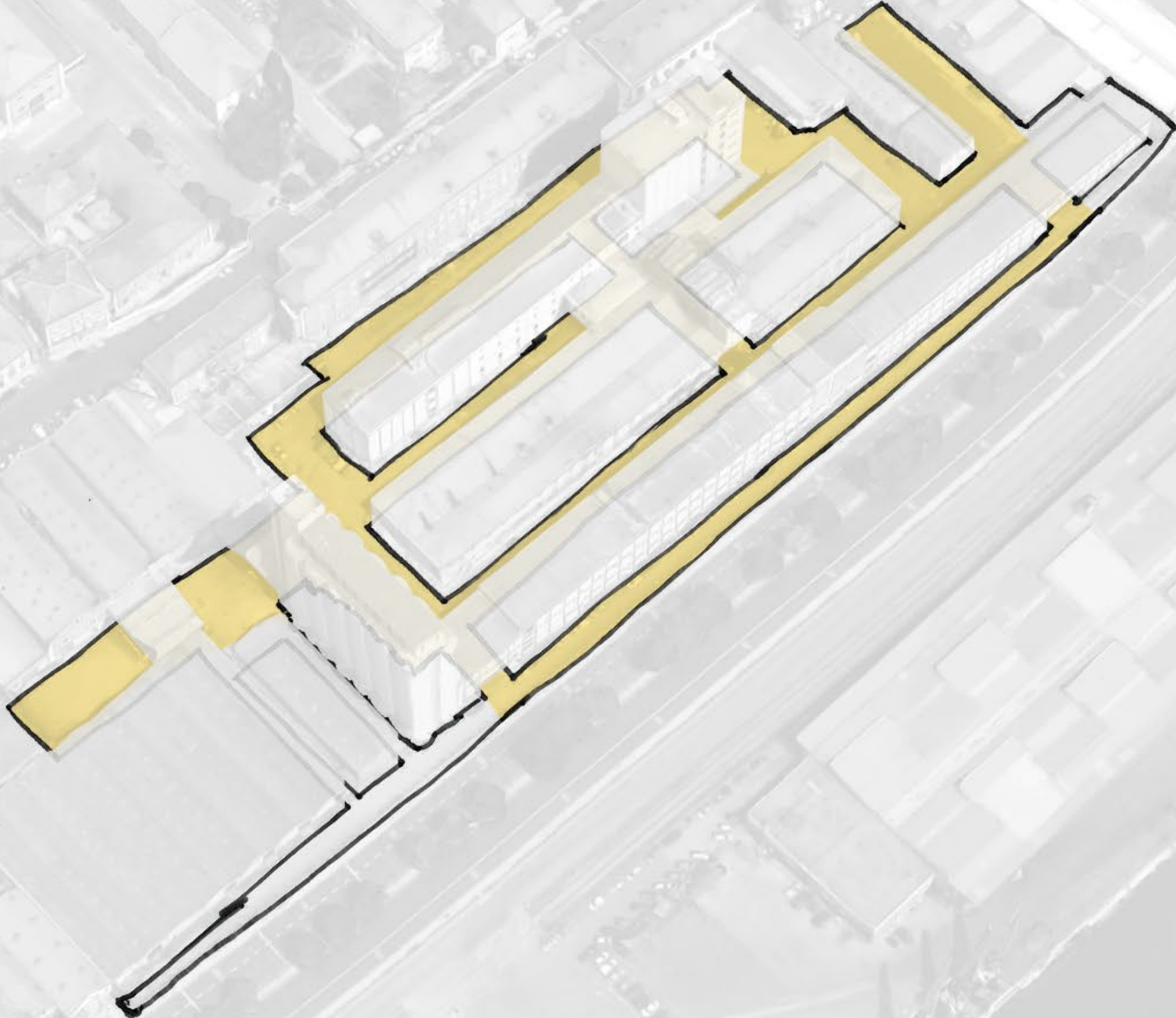
TWO FACED COMPLEX

ARCHITECTURAL VS. INDUSTRIAL



STREET STRUCTURE

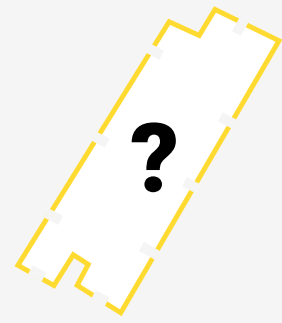
LONGITUDINAL AND RIGID



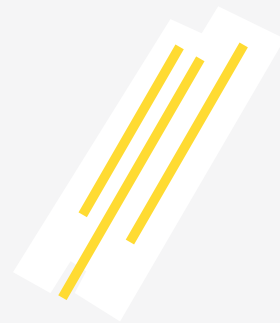
TRANSFORMATION FRAMEWORK

MMC

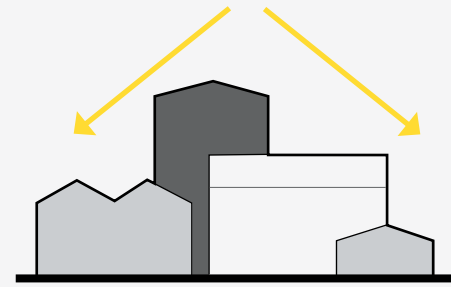
SITE



enclosed character



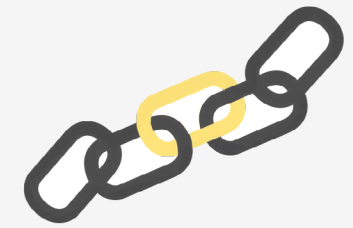
street structure



morphology
roofscape



two-faced complex



mmc as link in chain

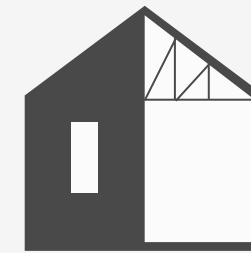
GENERAL



monumental façades

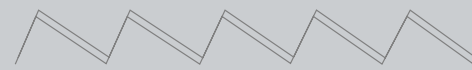


structural overcapacity



exterior / interior

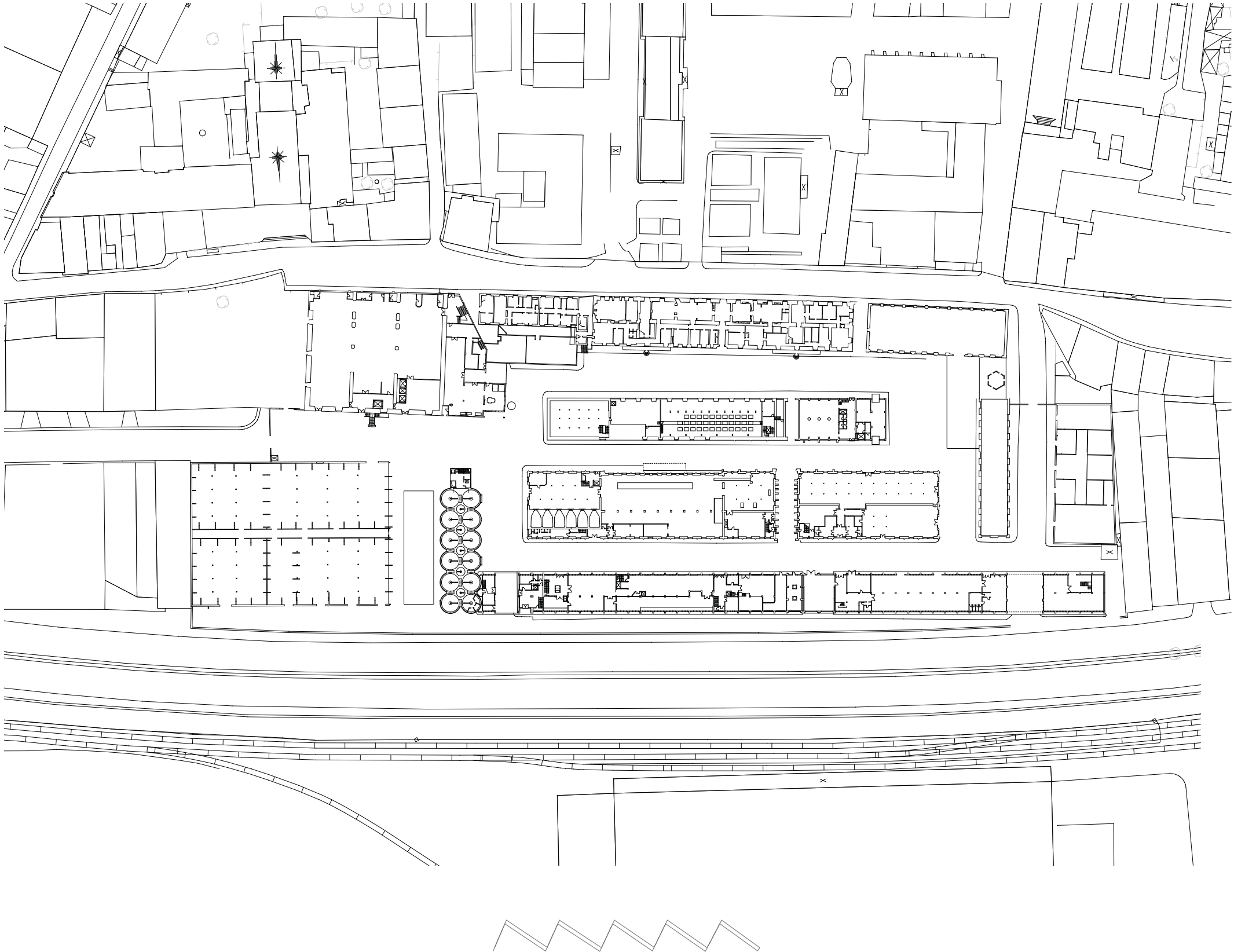




MASTERPLAN

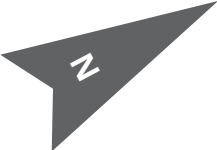
MASTERPLAN

ORIGINAL STATE



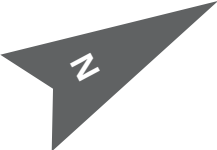
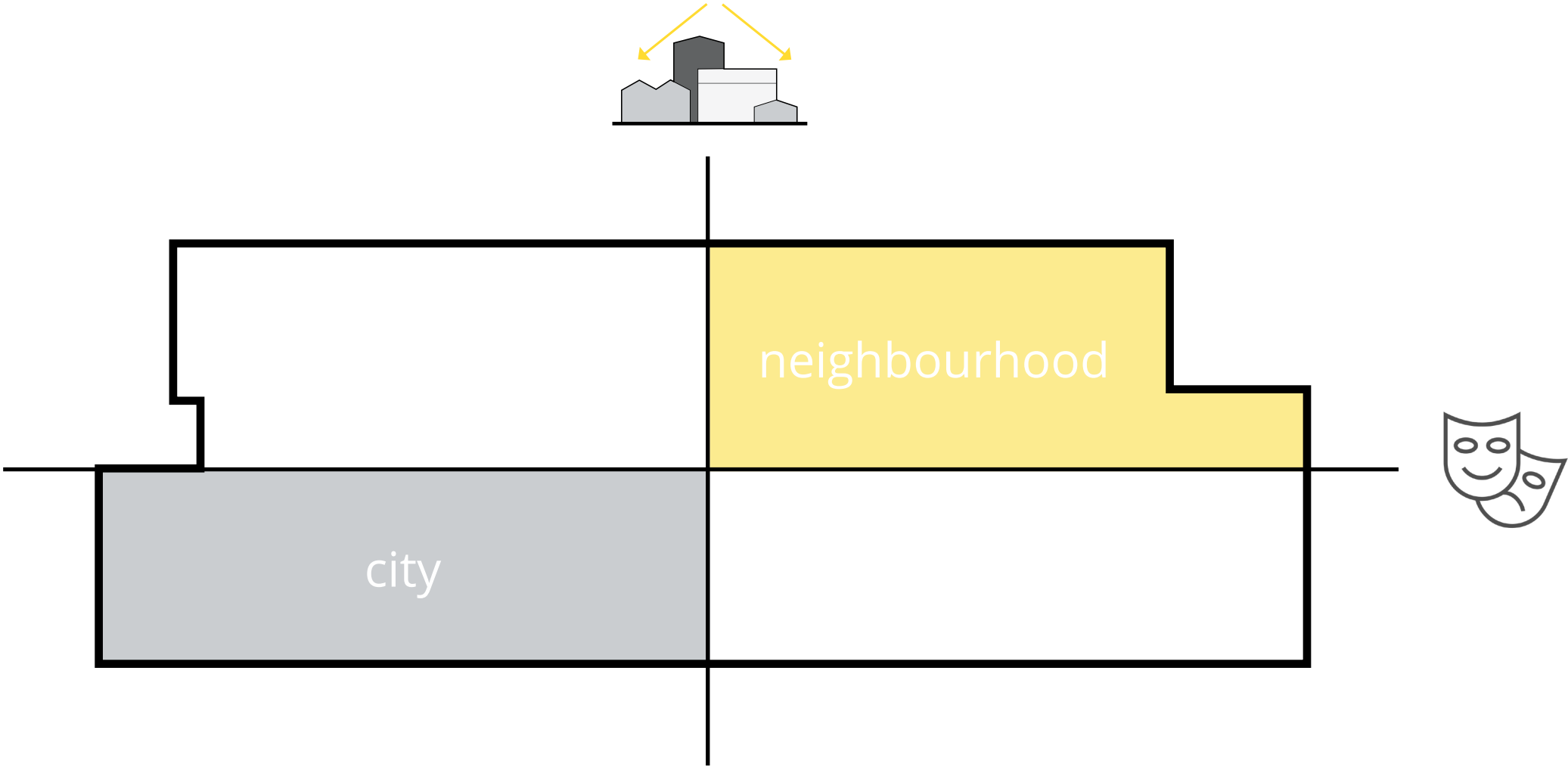
MASTERPLAN

STRATEGY



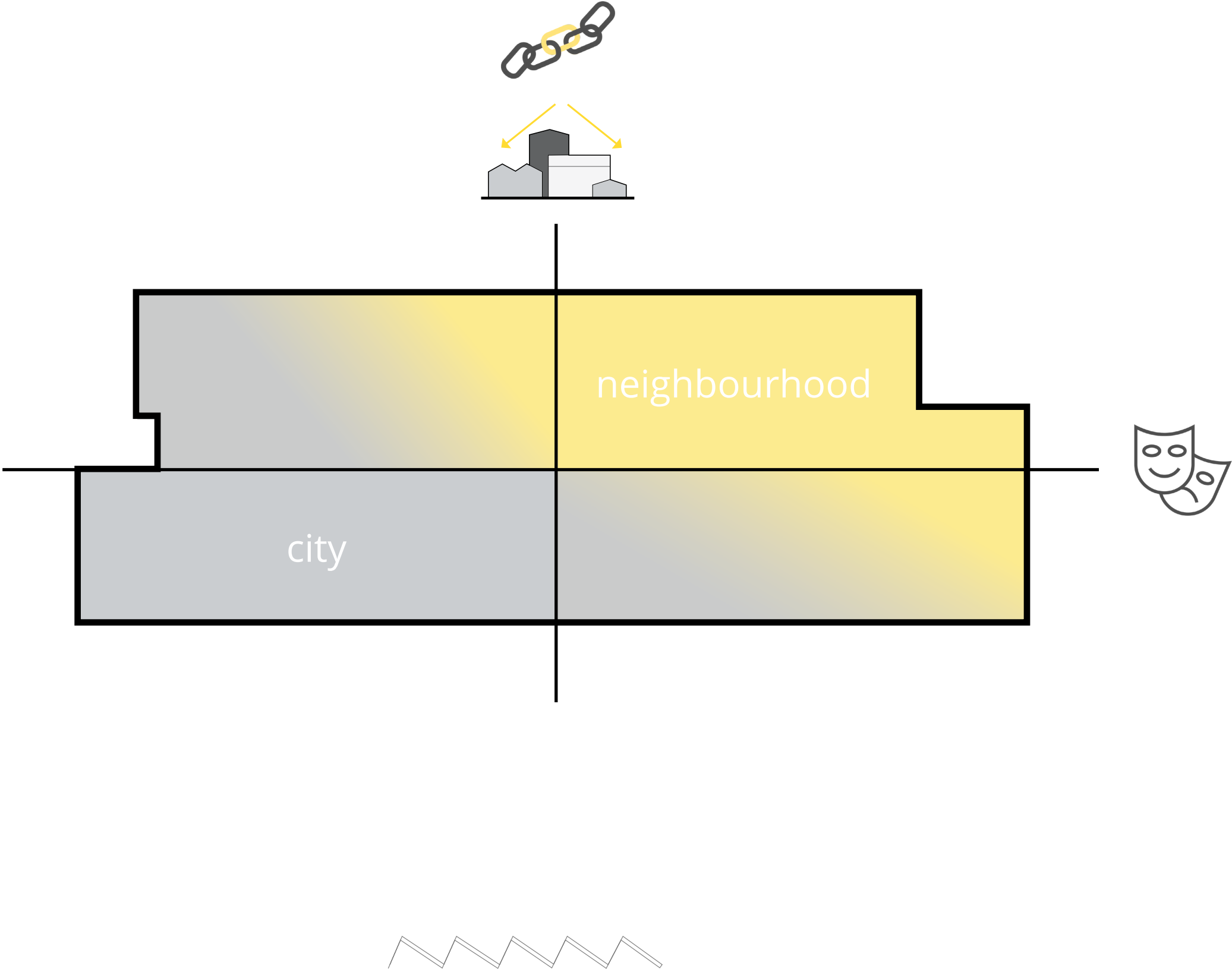
MASTERPLAN

STRATEGY



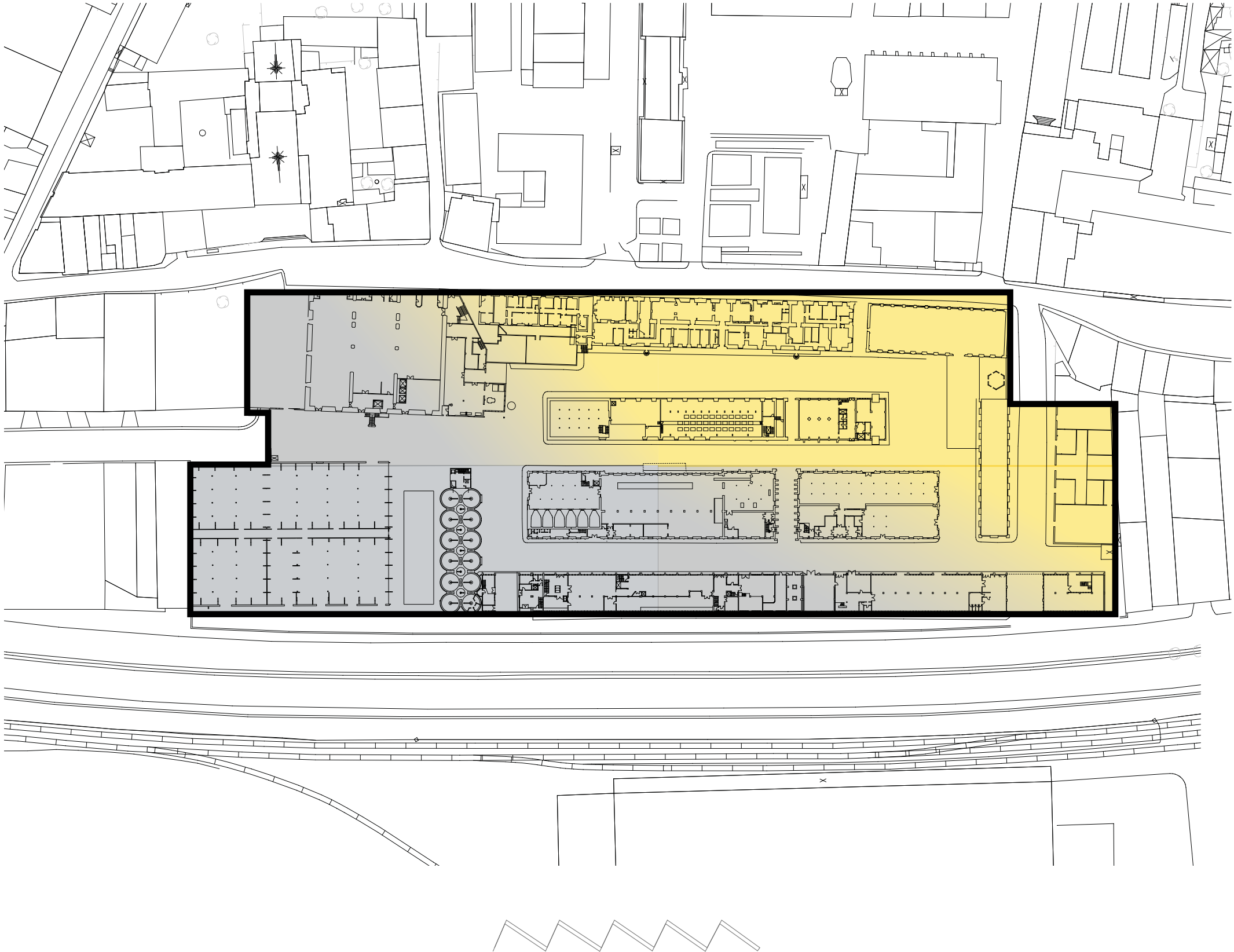
MASTERPLAN

STRATEGY



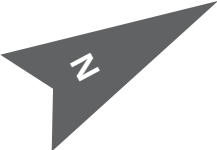
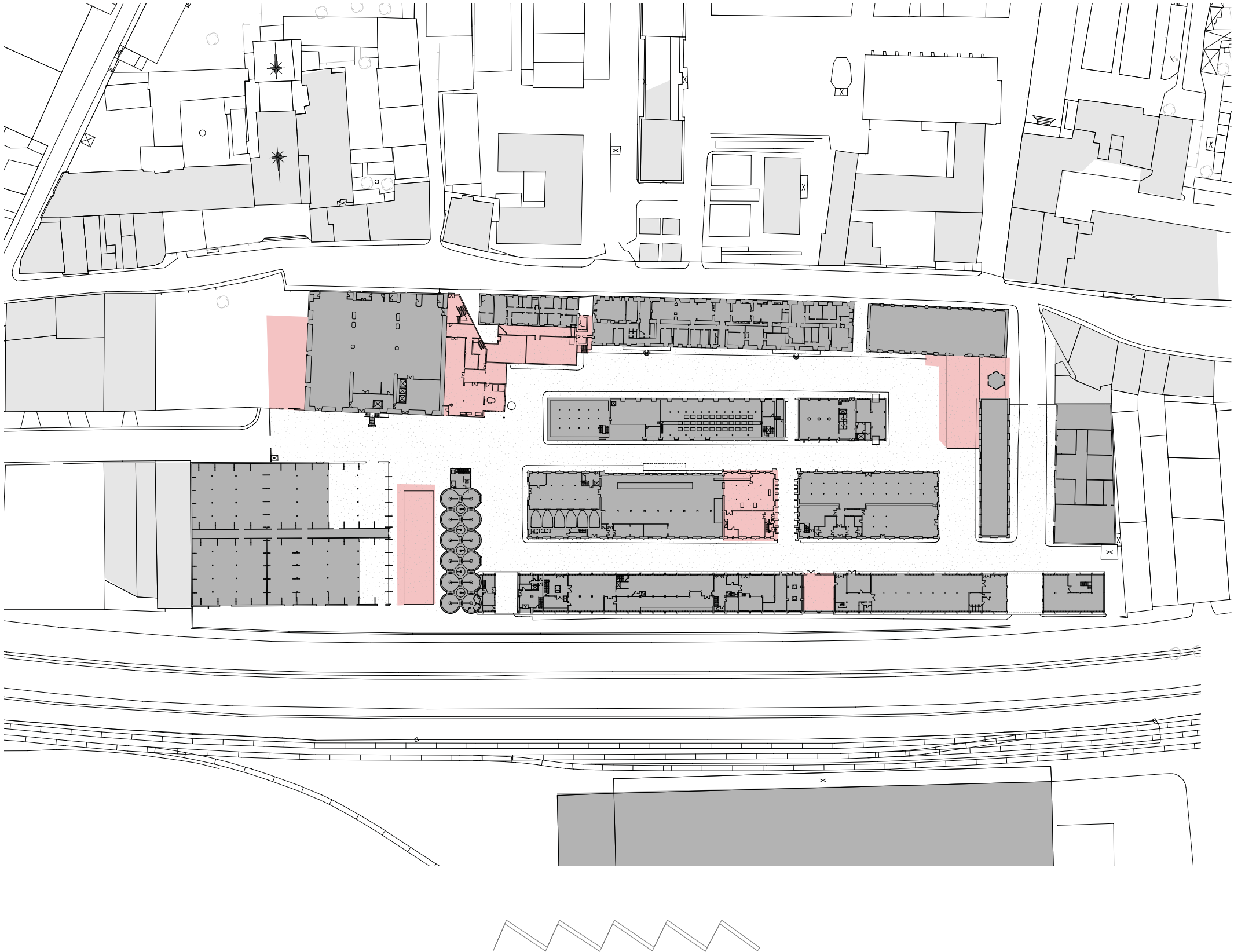
MASTERPLAN

STRATEGY ZONING



MASTERPLAN

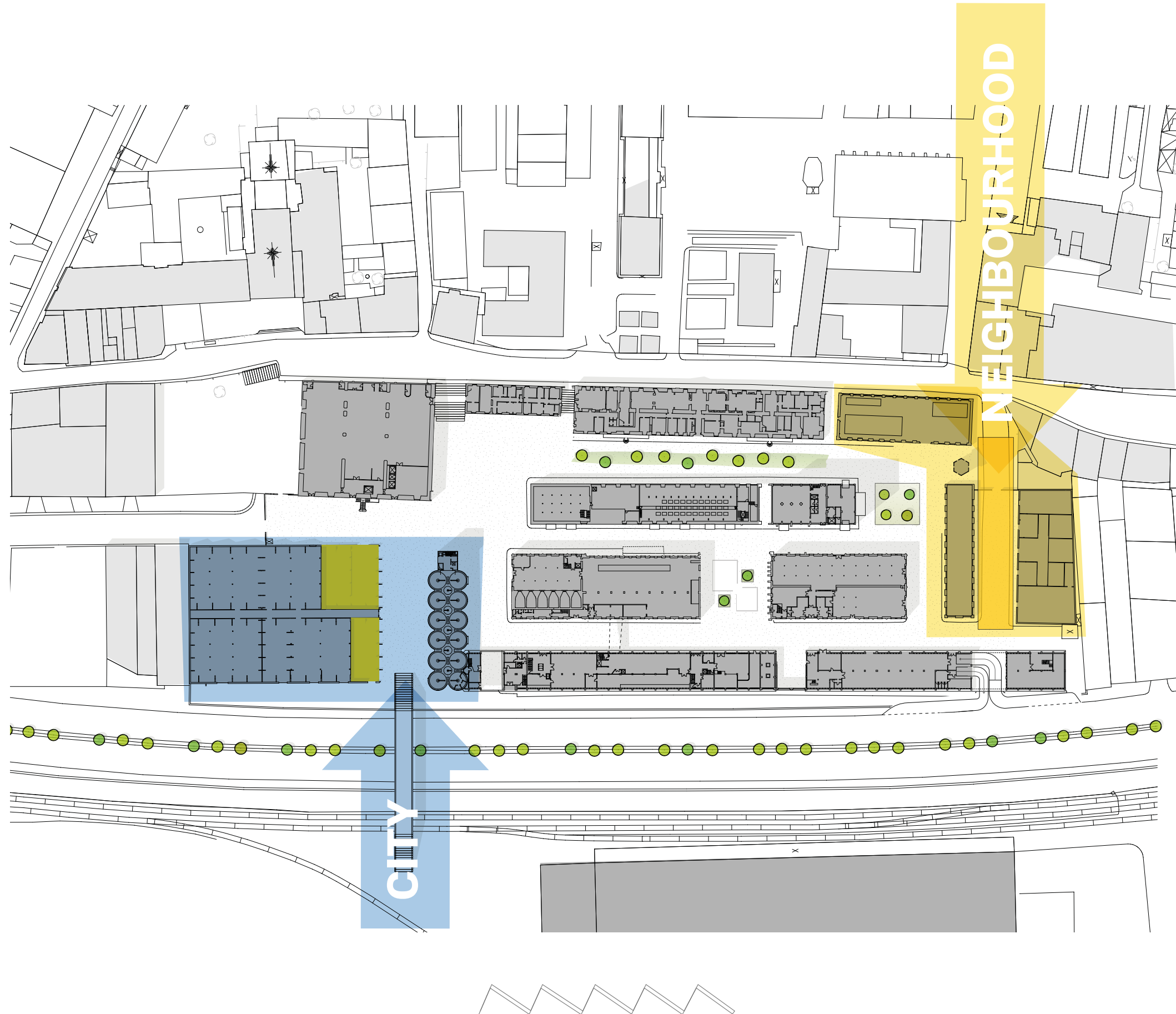
REMOVING



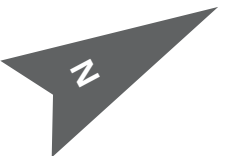
MASTERPLAN

ANCHOR POINTS

city program:
event space
art galleries
silo hotel

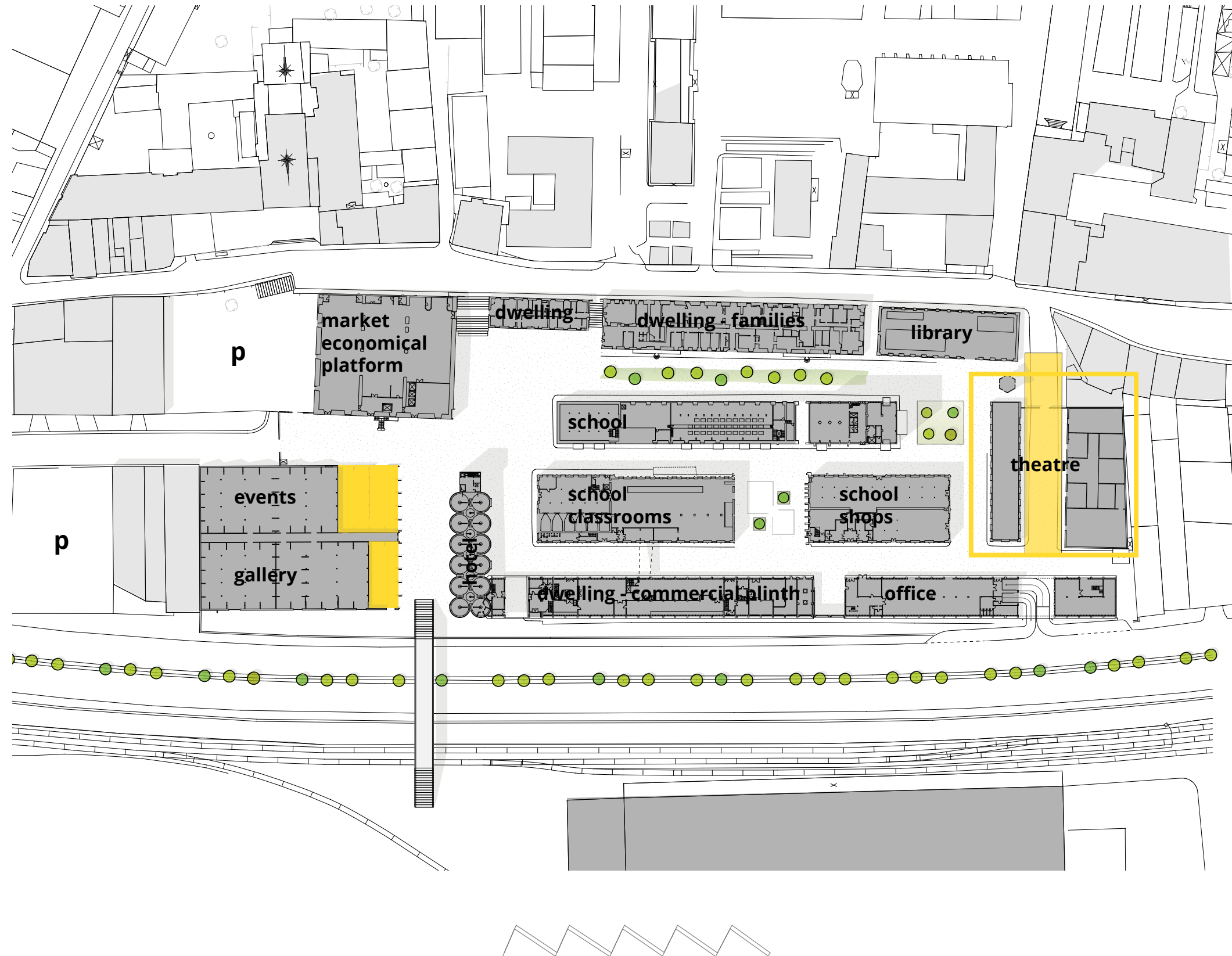


cultural program:
small theatre (auditorium)
teaching facility
library

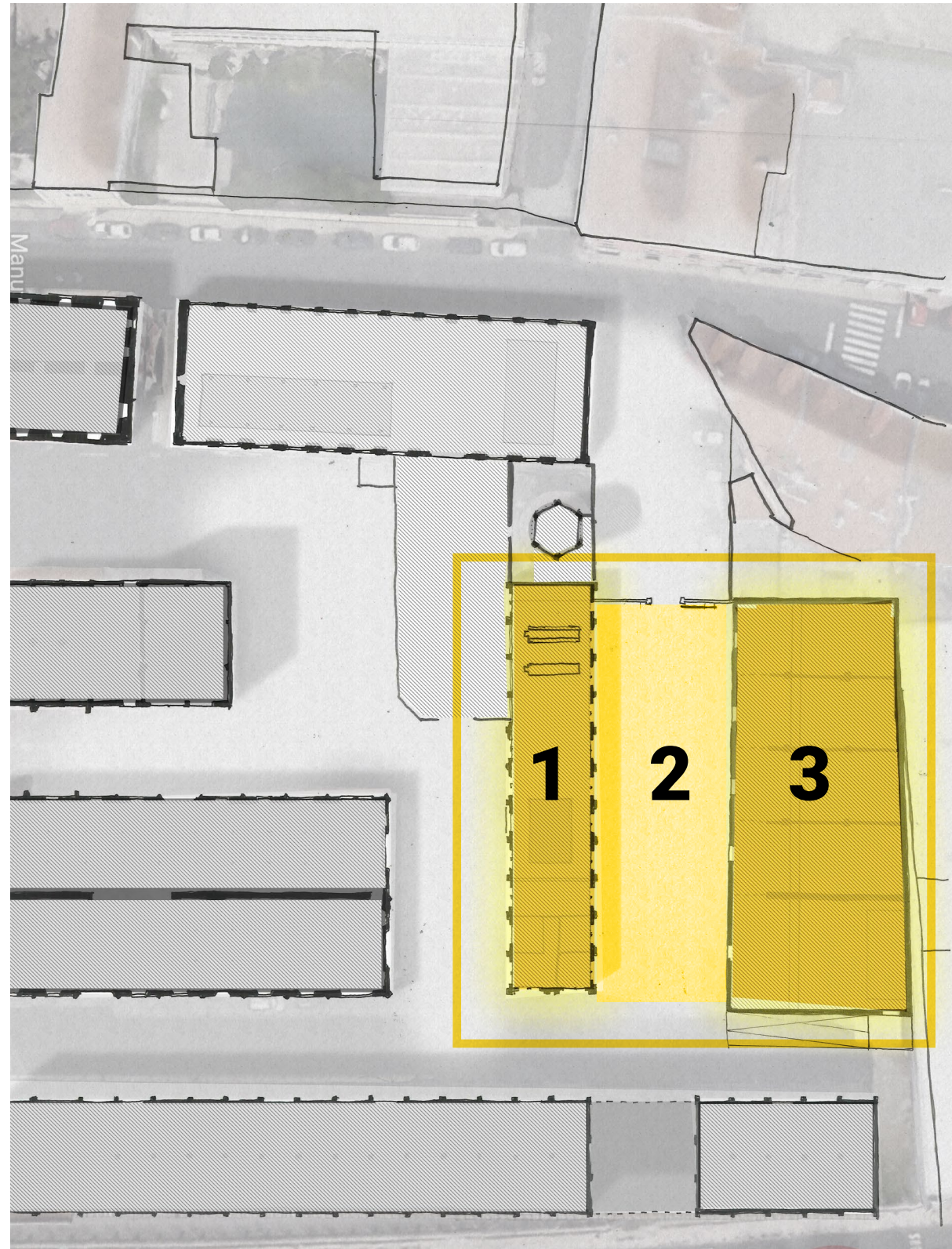


MASTERPLAN

FURTHER ELABORATION



NEIGHBOURHOOD ANCHOR



1. Theatre

Performance room 1
traditional

Grand cafe
kitchen
bar

sanitary
cloakroom

changing rooms
artist foyer

2. Foyer

3. Teaching facility

Performance room 2
flexible

Teaching studios
music
drama
dance





picture:
H. Zijlstra



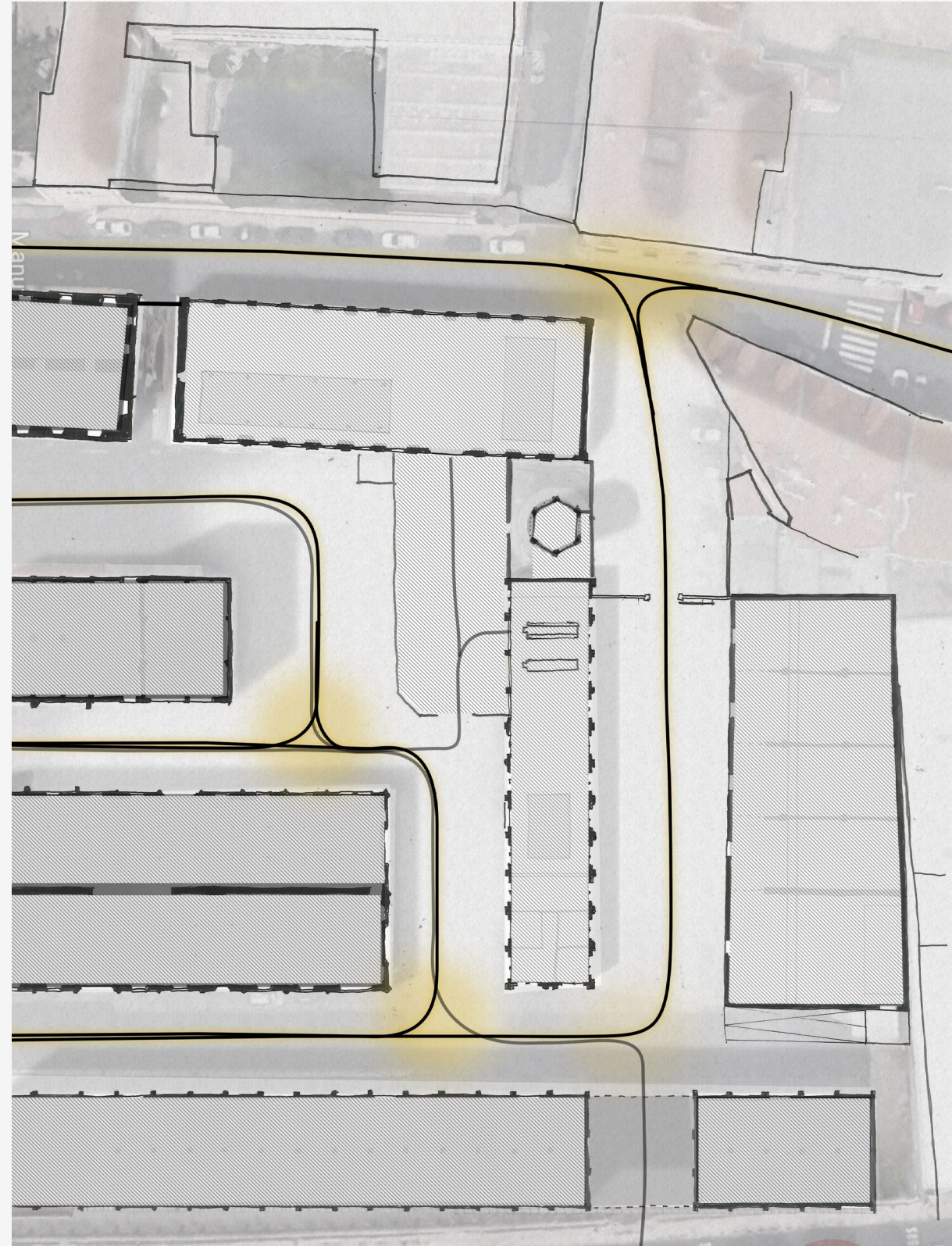
picture:
H. Zijlstra





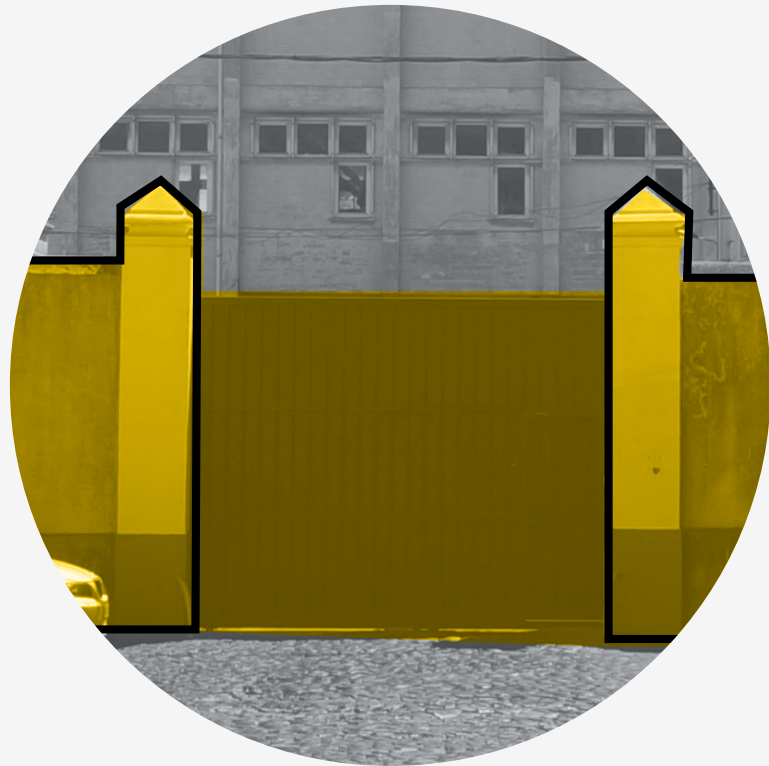
ILLOGICAL

DUE TO STRANGE END



TRANSFORMATION FRAMEWORK

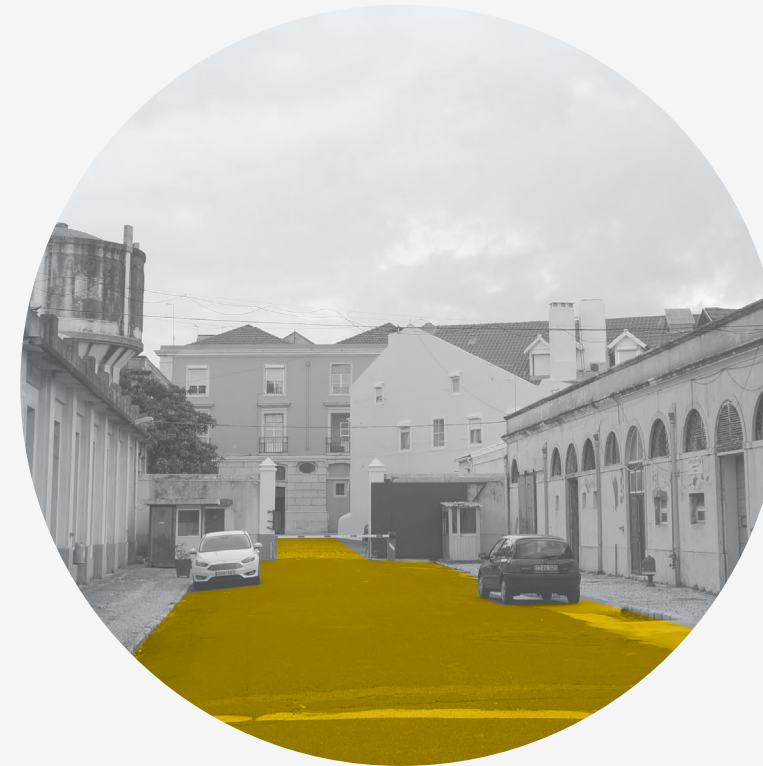
STREET QUALITIES AND VALUES



important function



openness



connection with neighbourhood

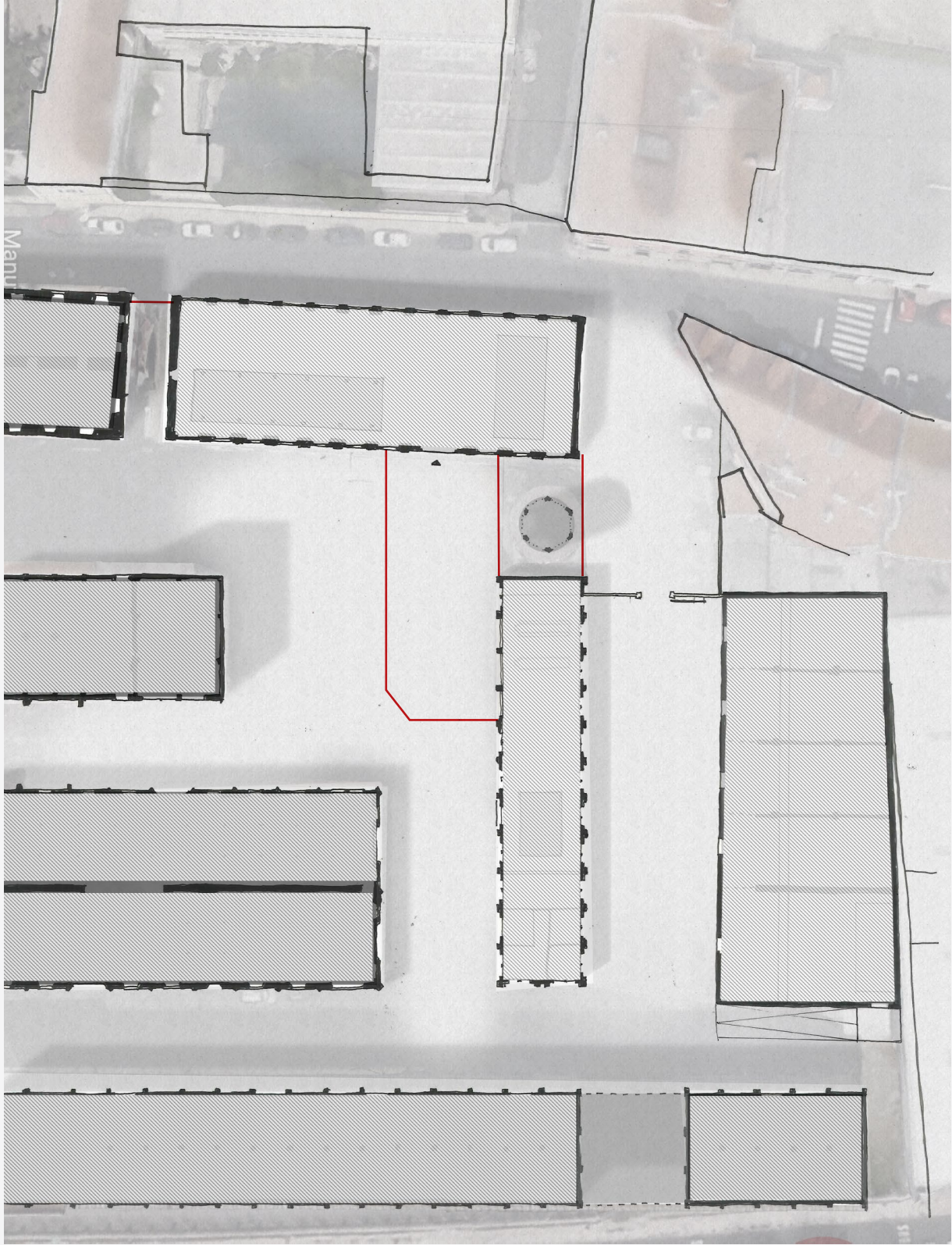


façades give character



IMPROVING CONNECTION

EXPOSING AND CLARIFYING



STREET AS FOYER

CONNECTING PROGRAM AND BUILDINGS



USING THE STREET

PART OF LIFESTYLE OF PORTUGUESE



source:
www.hotel-r.net



source:
www.dudzjak.com

USING THE STREET

LACK OF QUALITATIVE PUBLIC SPACE



Location of the squares



Rua do Beato An small raised square amid car dominated roads.



Calcada de Grilo Benches and greenery near a bus stop.



Largo Olival An small square in between buildings.



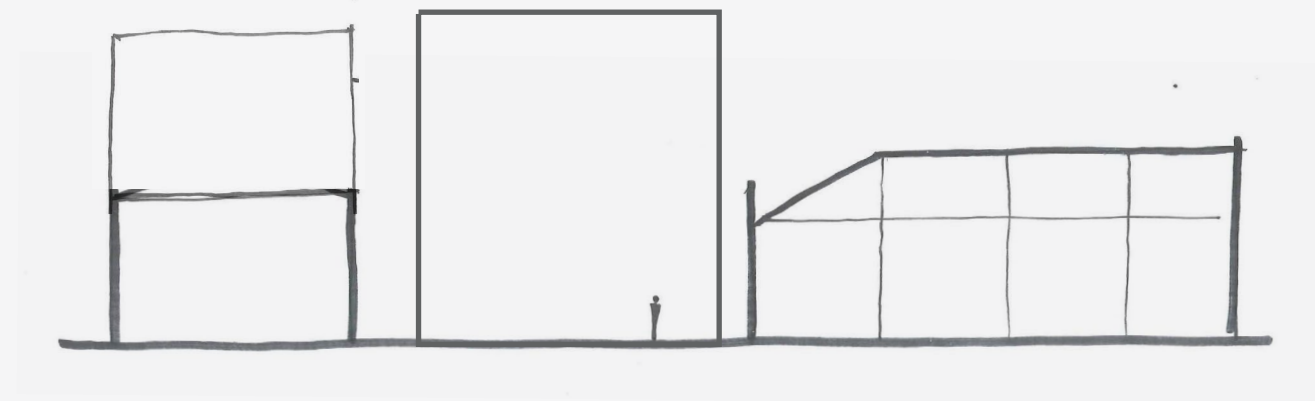
USING THE STREET

CONNECTING STRUCTURE



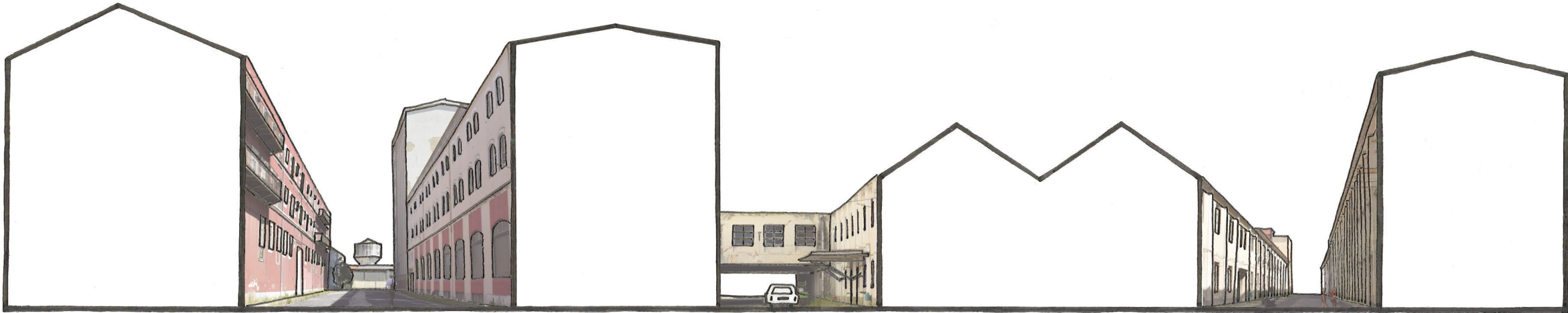
TITLE

SUB TITLE



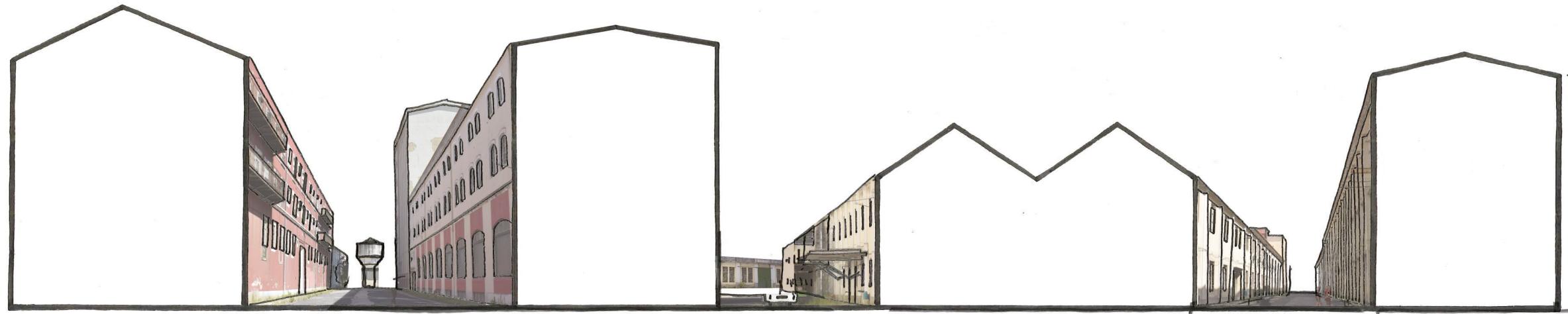
STREET STRUCTURE

VISIBLE COUNTER WEIGHT



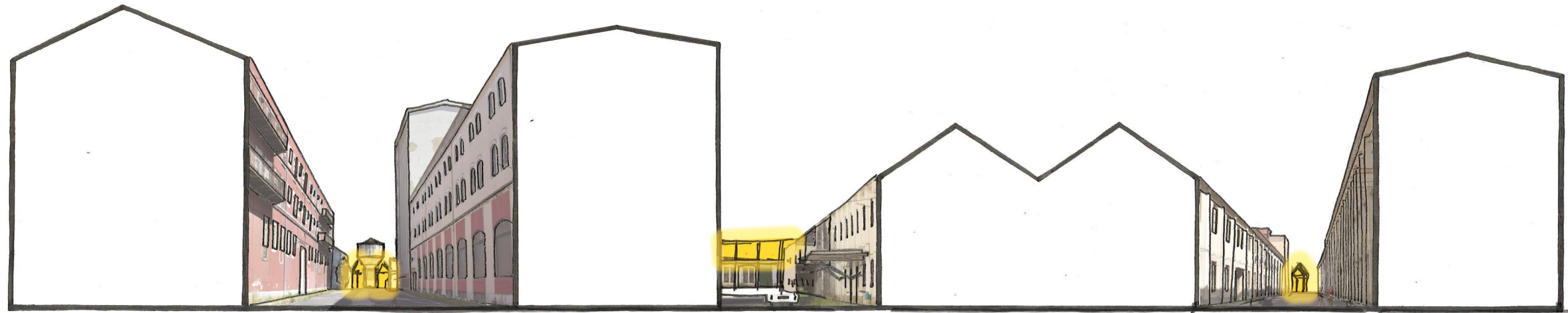
STREET STRUCTURE

VISIBLE COUNTER WEIGHT



STREET STRUCTURE

VISIBLE COUNTER WEIGHT



CONNECTING

PROGRAM AND BUILDINGS

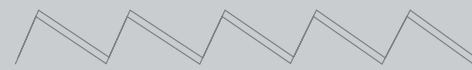


TWO ANCHORS

STREET BECOMES COUNTERWEIGHT

NEIGHBORHOOD

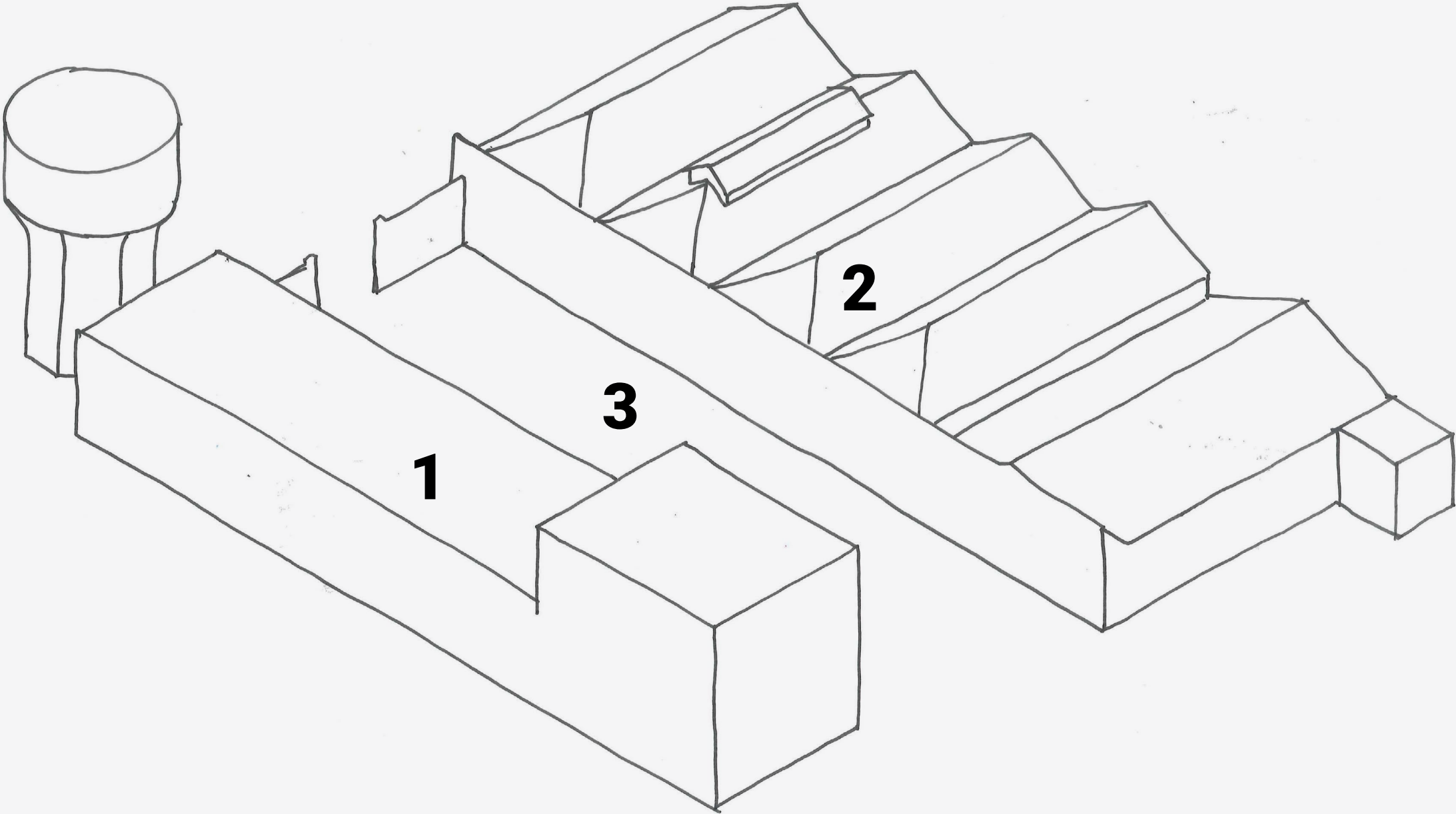
CITY



DESIGN

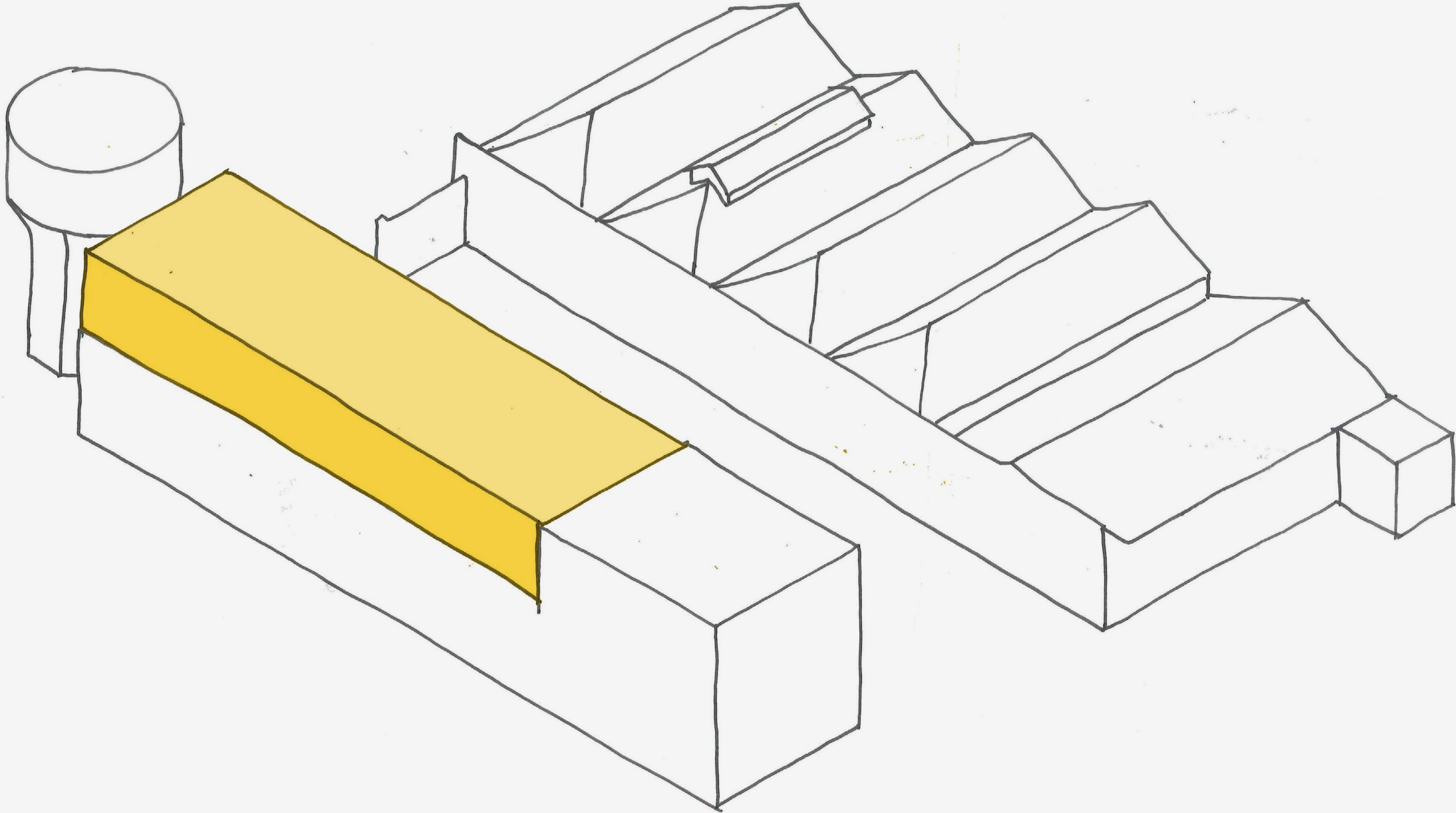
NEIGHBOURHOOD ANCHOR

INTERVENTIONS



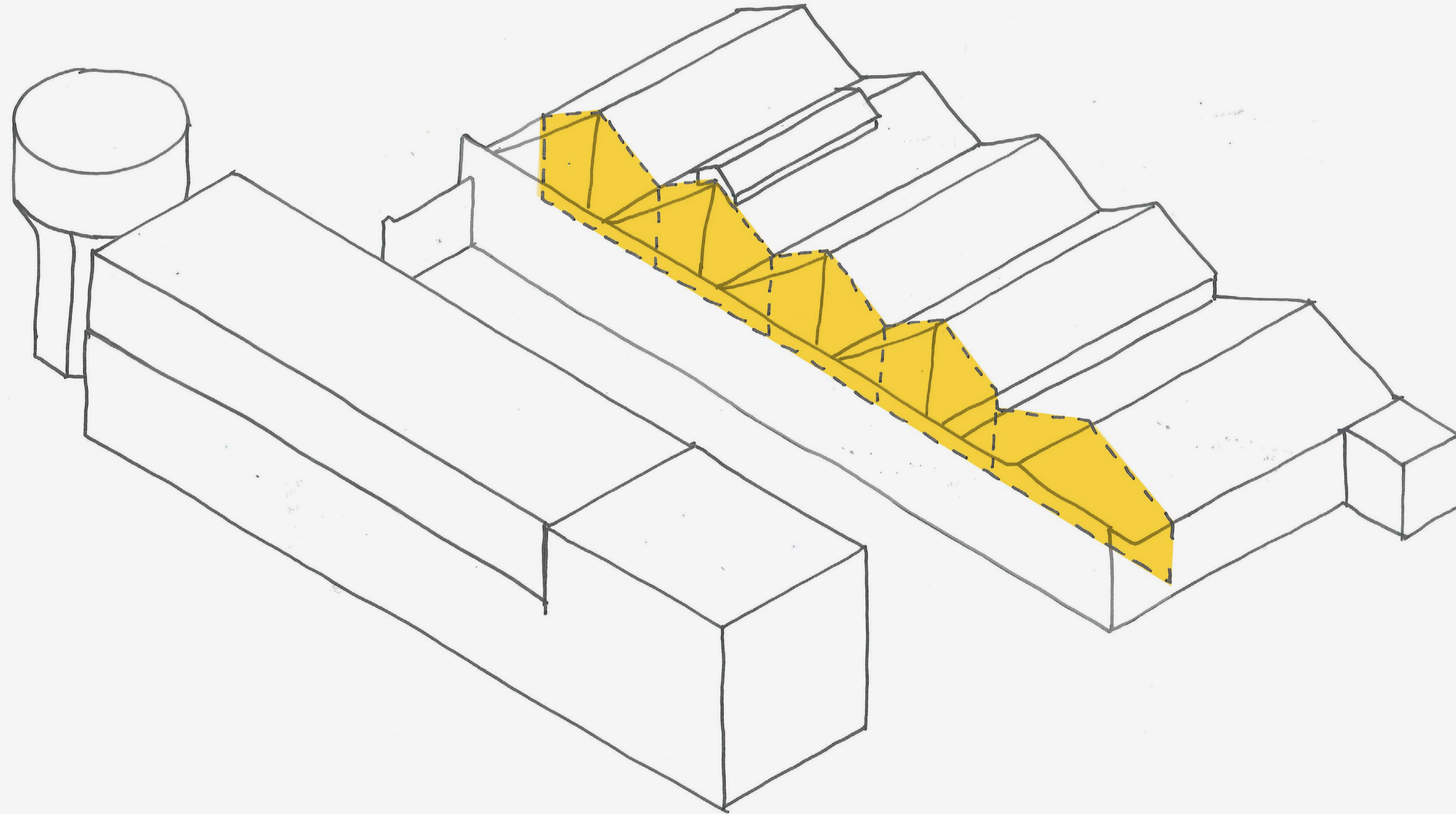
1 CAR WORKHOP

THEATRE ADDITION



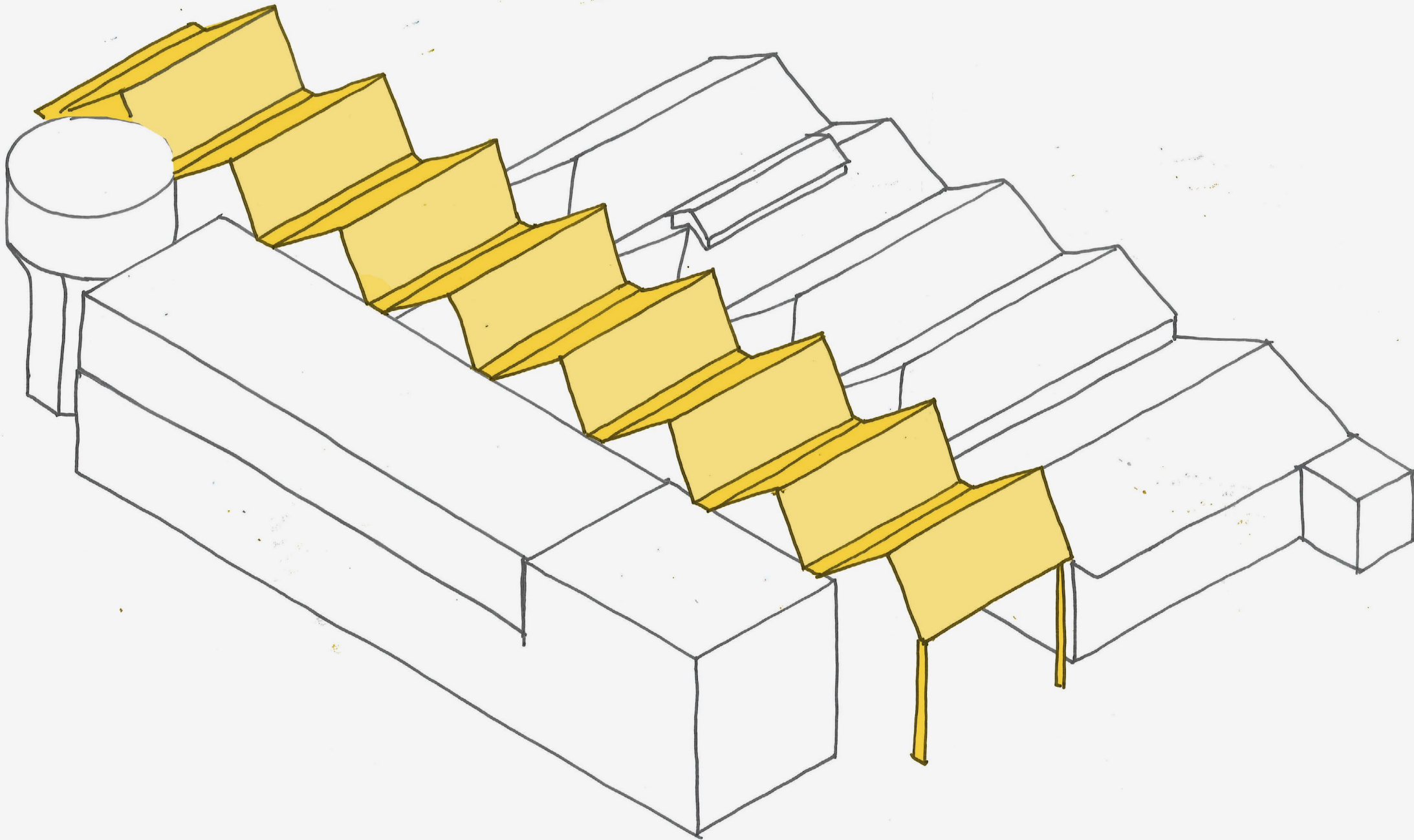
2 CANNERY

TEACHING / PRACTICE STUDIOS



3 ENTRANCE STREET

URBAN FOYER



1 CARWORKSHOP

THEATRE ADDITION

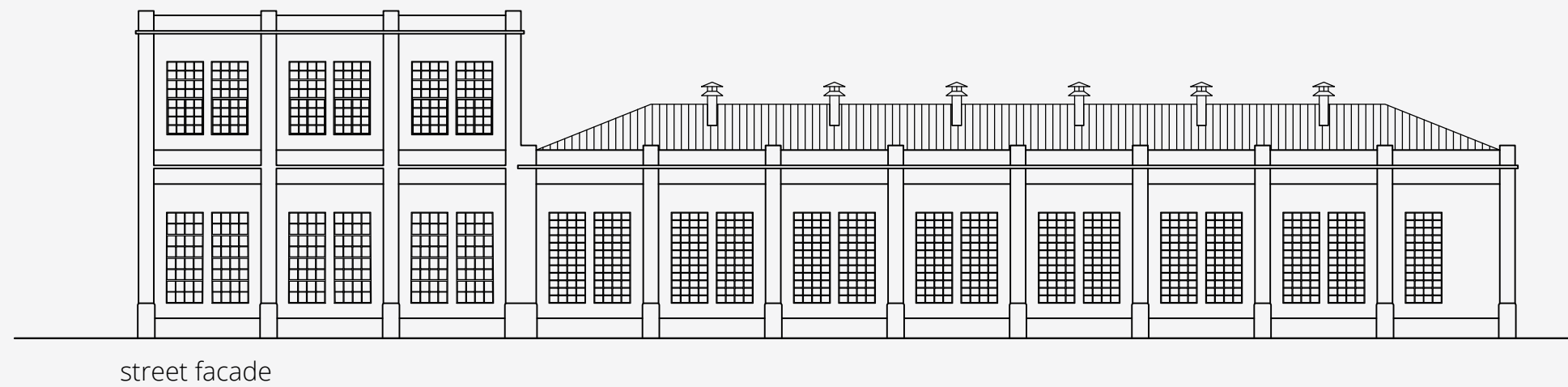
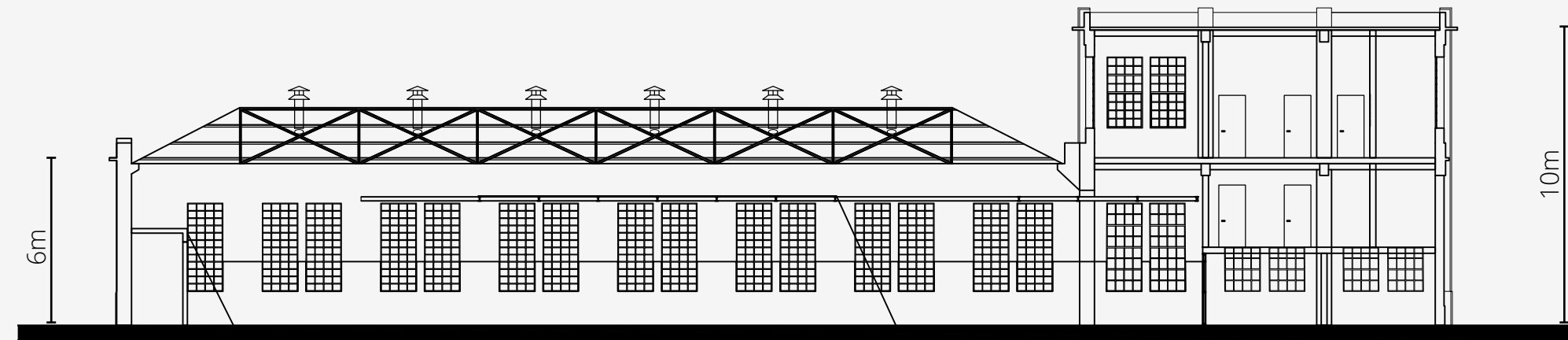
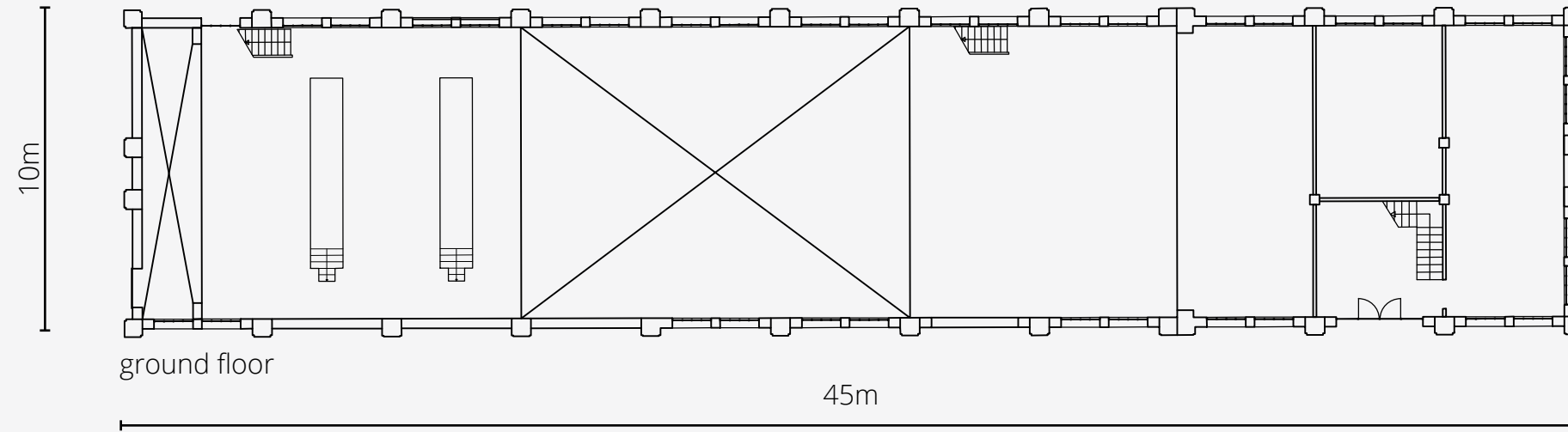






CARWORKHOP

CURRENT STATE









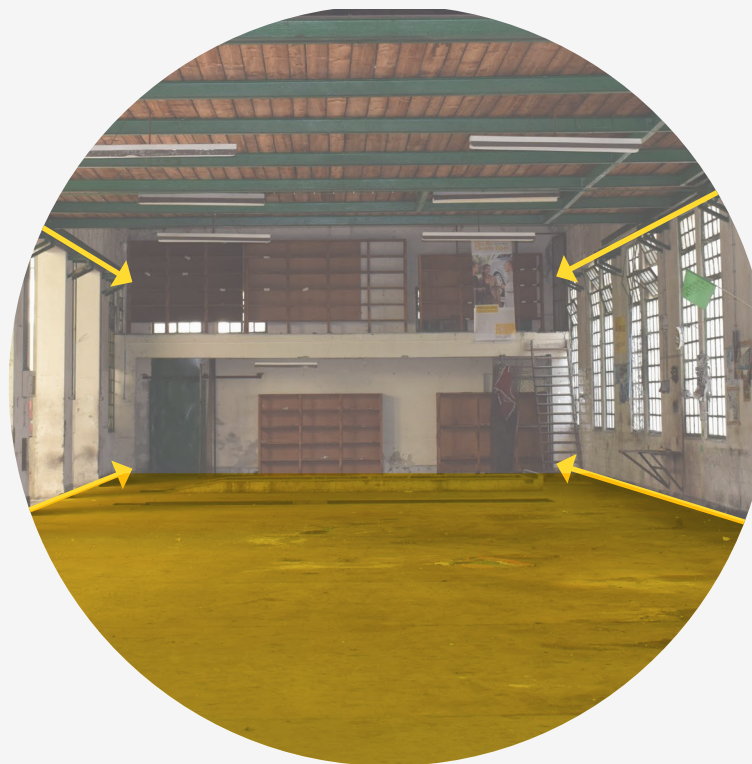


TRANSFORMATION FRAMEWORK

VALUES OF THE CAR WORKSHOP / DILEMMA



structural frame / oversize



length / open plan



human scale / proportion

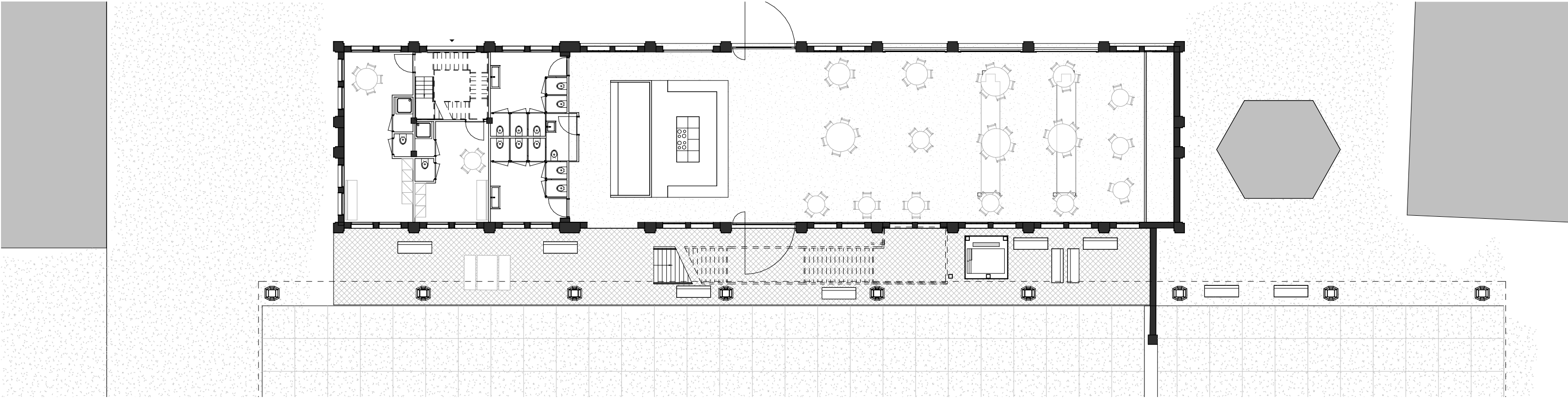


CONCEPT

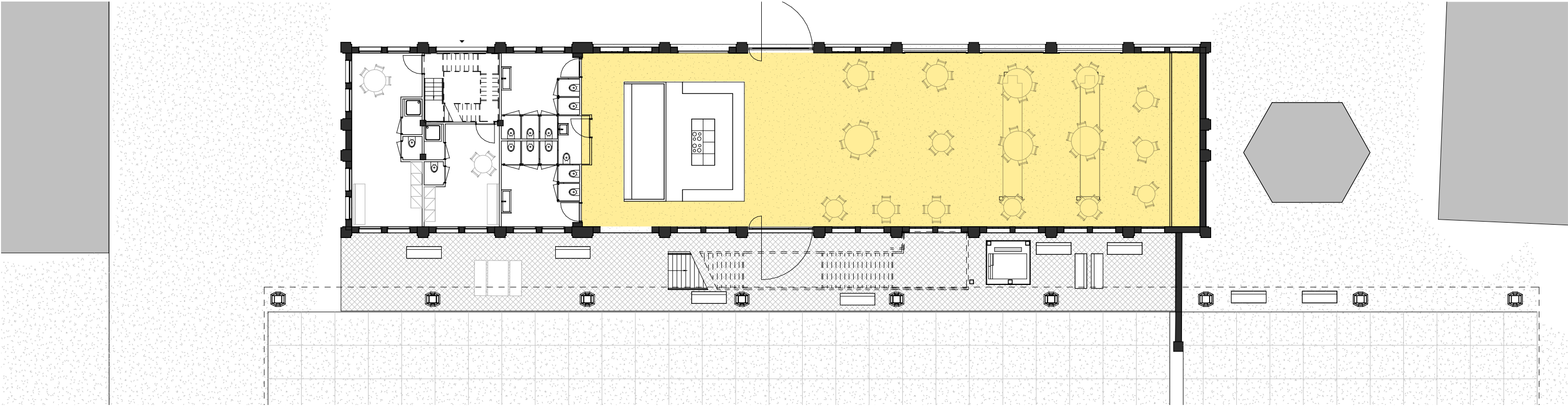
EXTENDING THE RIGID STRUCTURE



FLOORPLAN



FLOORPLAN



WORKSHOP CAFE



source:

WORKSHOP CAFE



source:

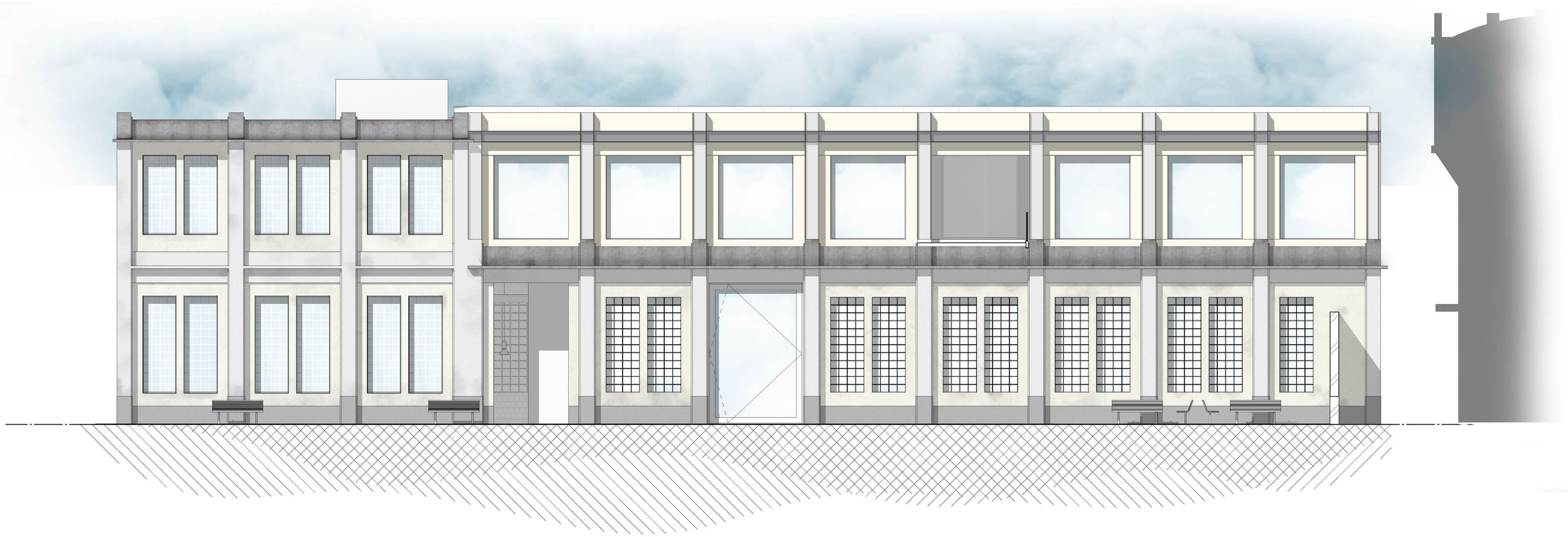
SECTION

AUDITORIUM ADDITION



FACADE

AUDITORIUM ADDITION



ADDITION

NEW FRAME AND INFILL ON TOP



SECTION

AUDITORIUM ADDITION



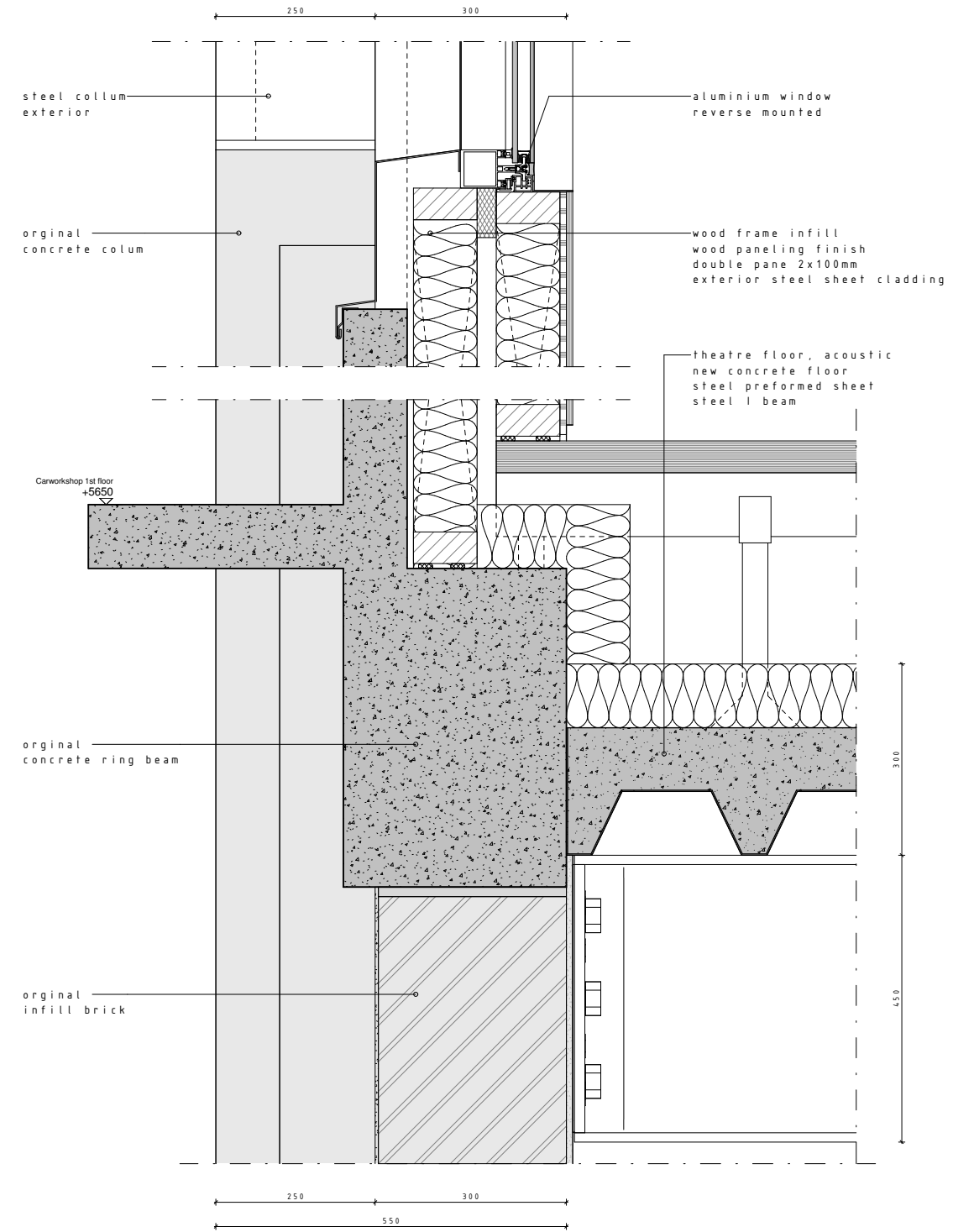
SECTION

AUDITORIUM ADDITION



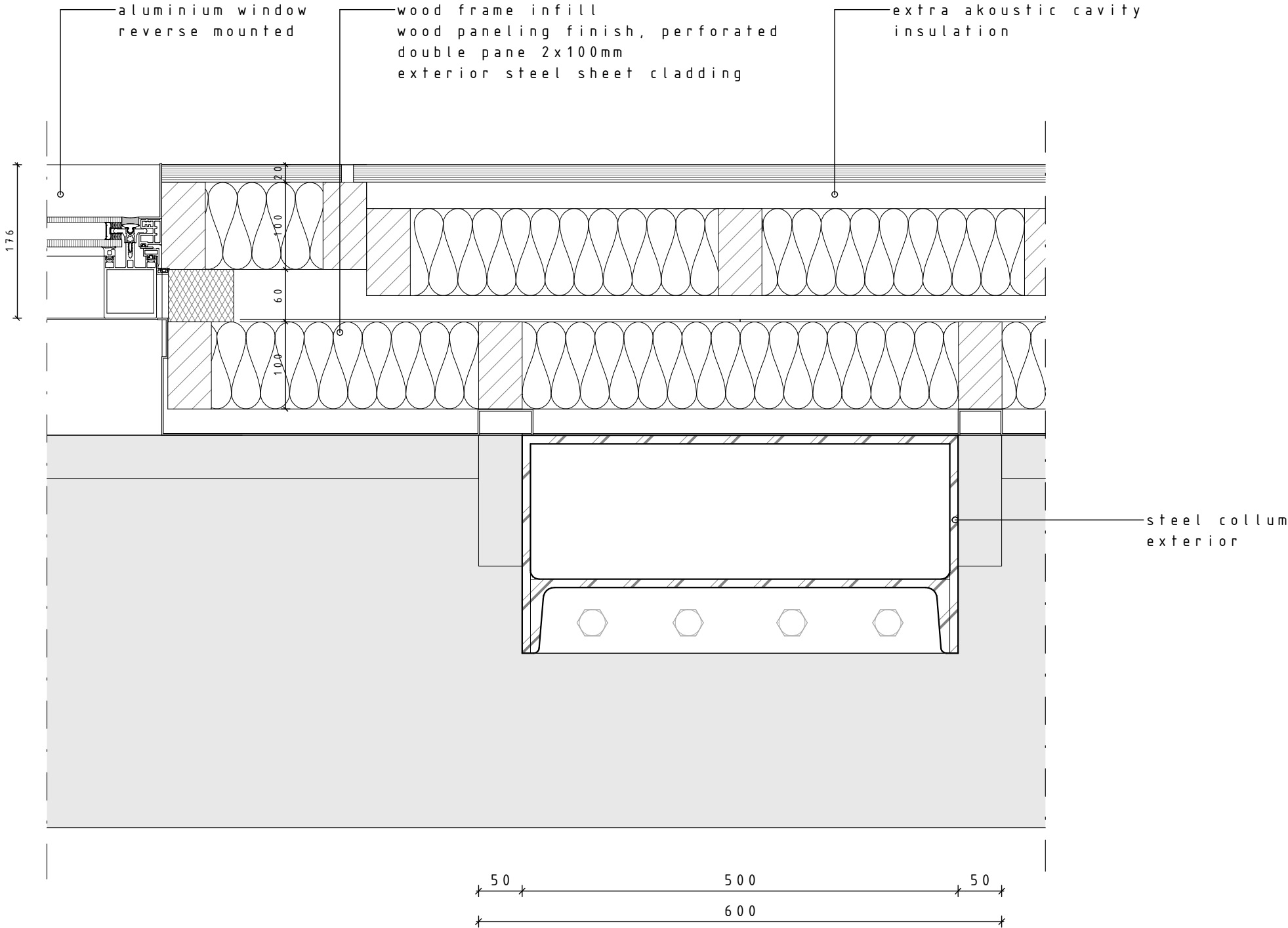
DETAIL

CONTINUING OLD FRAME



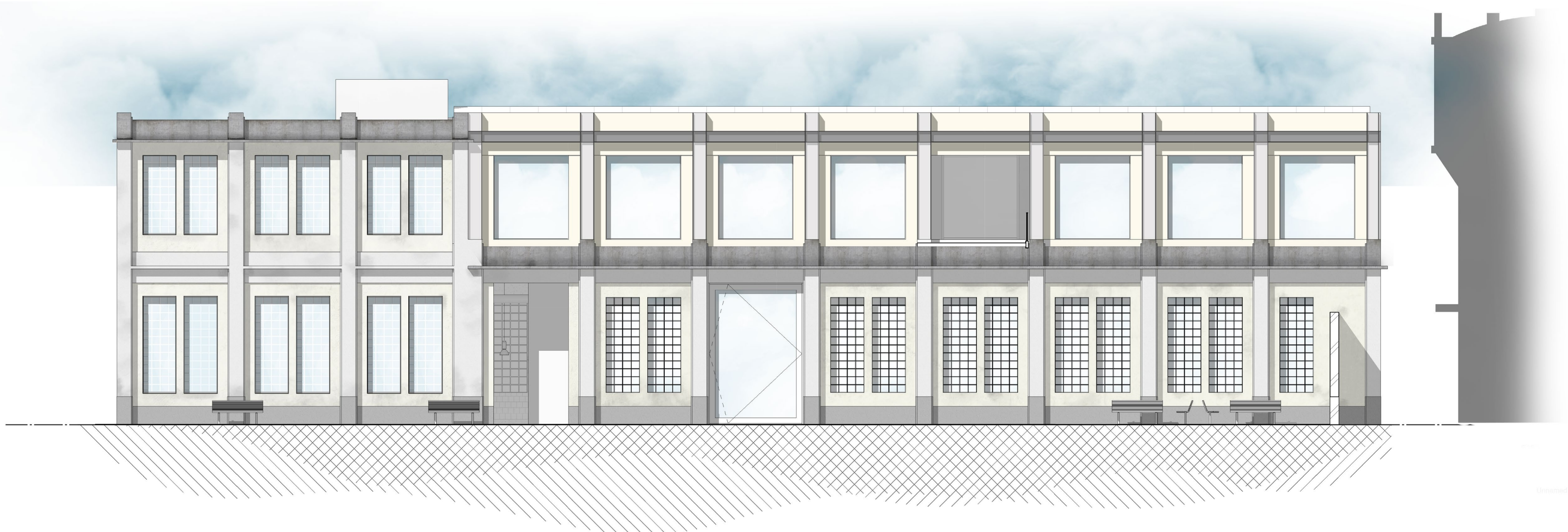
DETAIL

MIMIC OLD, ADD ACOUSTIC QUALITIES



FACADE

AUDITORIUM ADDITION



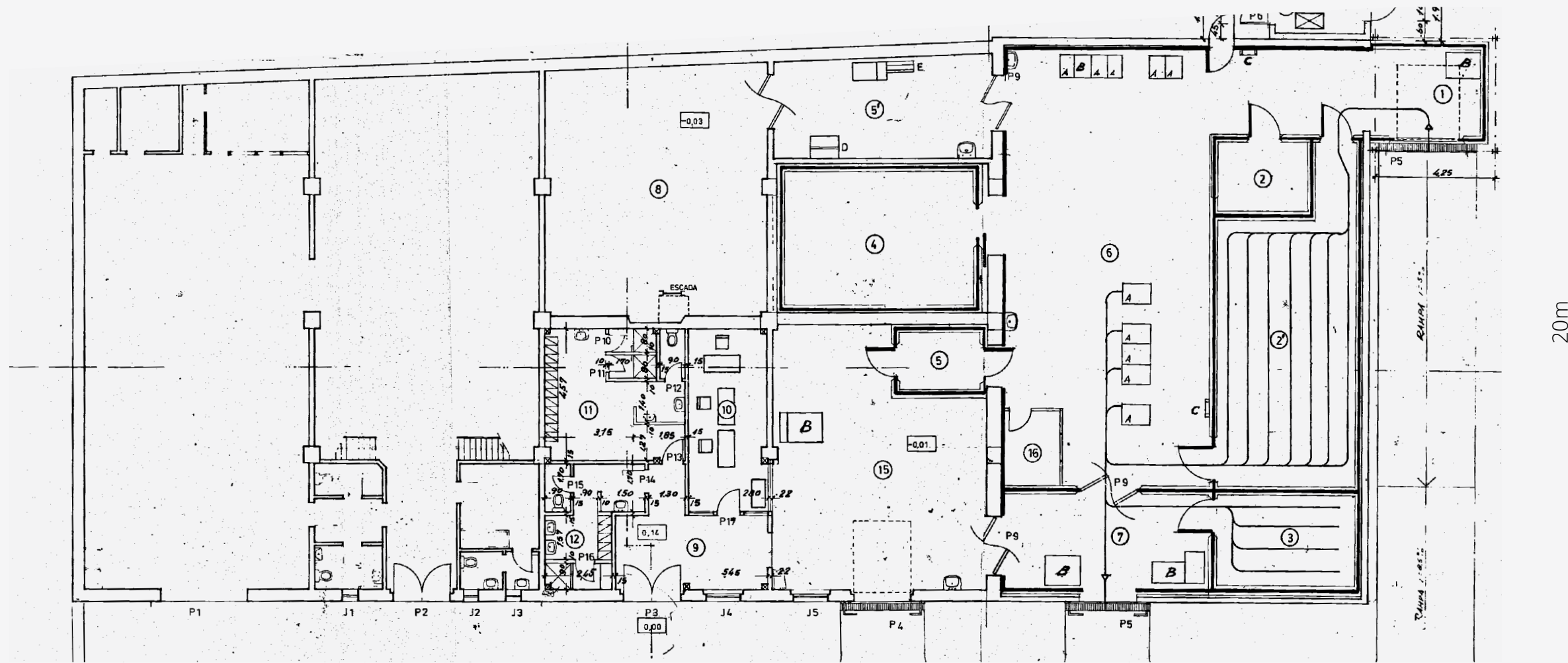
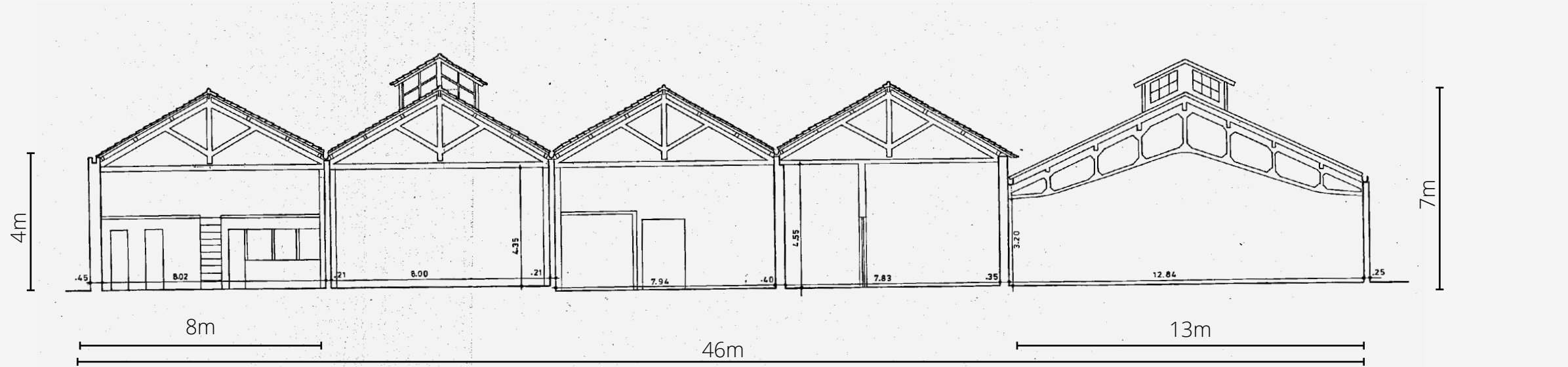
2 CANNERY

TEACHING / PRACTICE STUDIOS



CANNERY

CURRENT STATE





source:
A. Huisman



source:
A. Huisman



CANNERY

VALUES AND DILEMMAS



deceiving facade / decor function



bay structure / typical shape



wooden truss variation

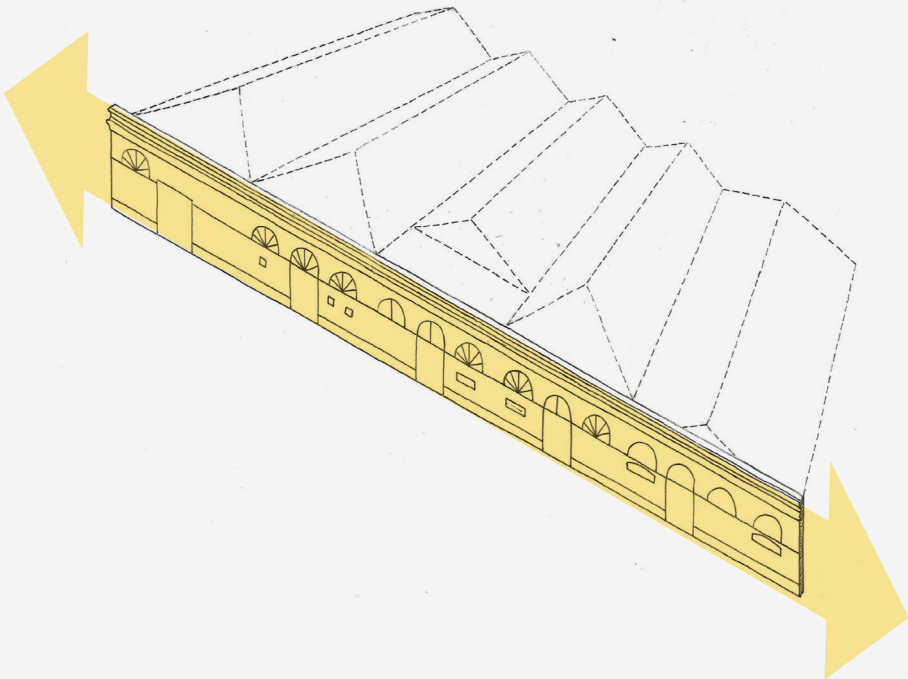
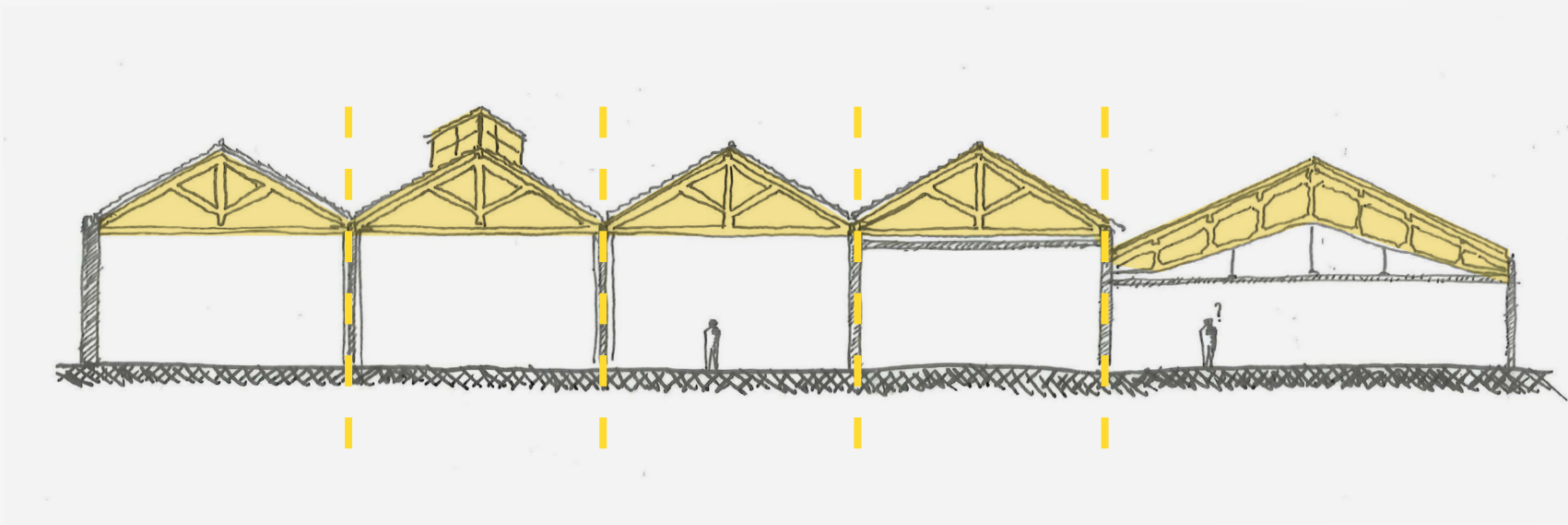


hidden military gem



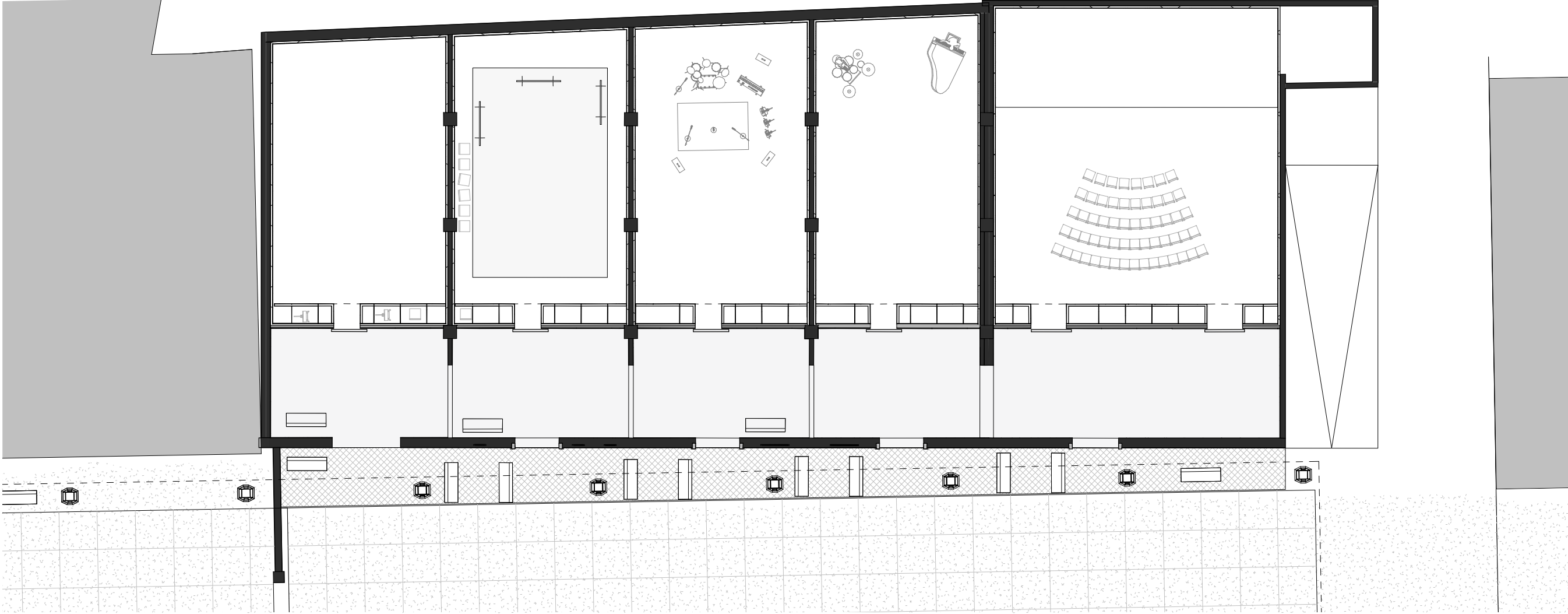
CONCEPT

EMPHASIZE REAL STRUCTURE AND DECEIVING FACADE



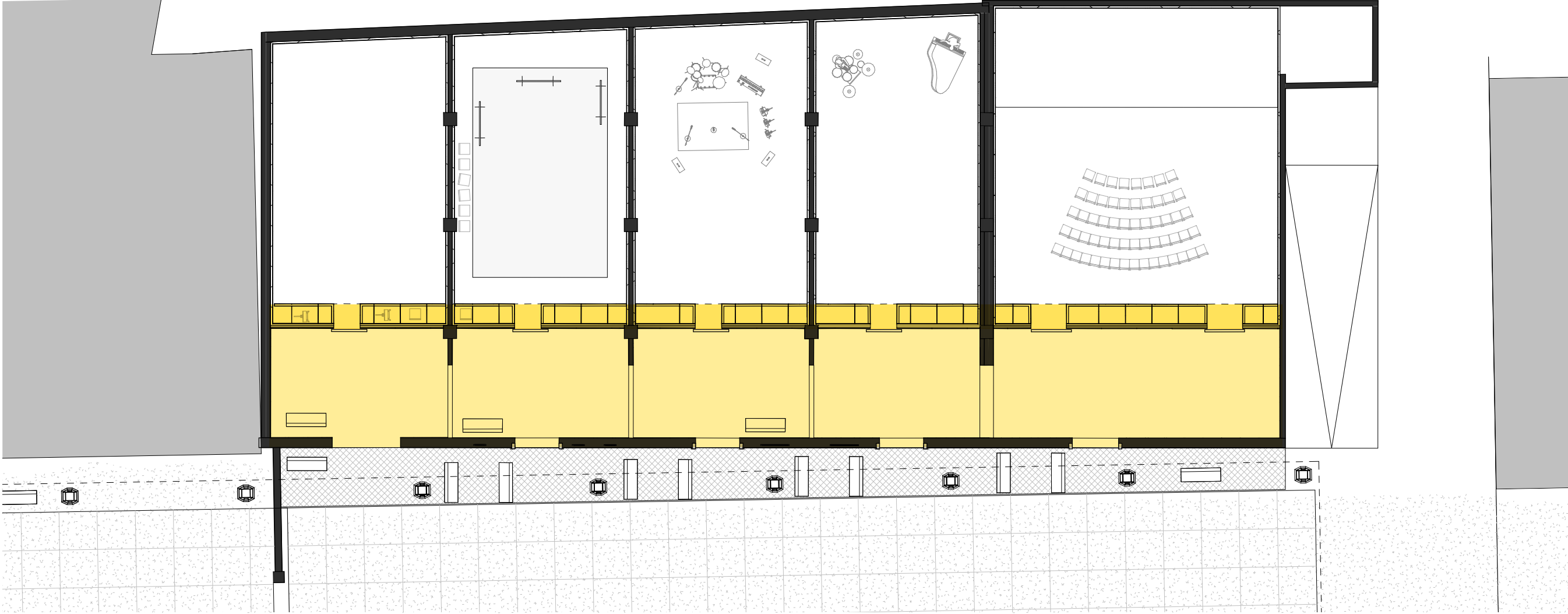
FLOORPLAN

NEW SITUATION



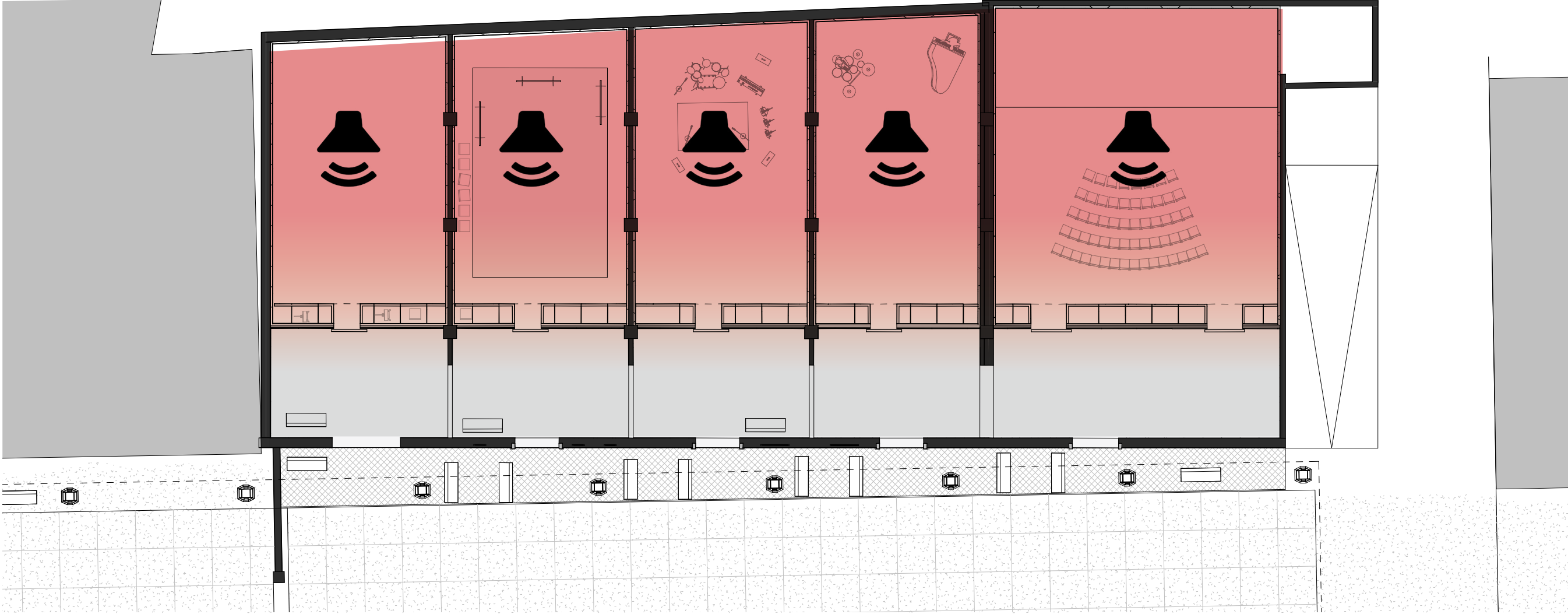
NEW CORRIDOR

EXPOSING THE TRUE STRUCTURE AND DECEIVING FACADE



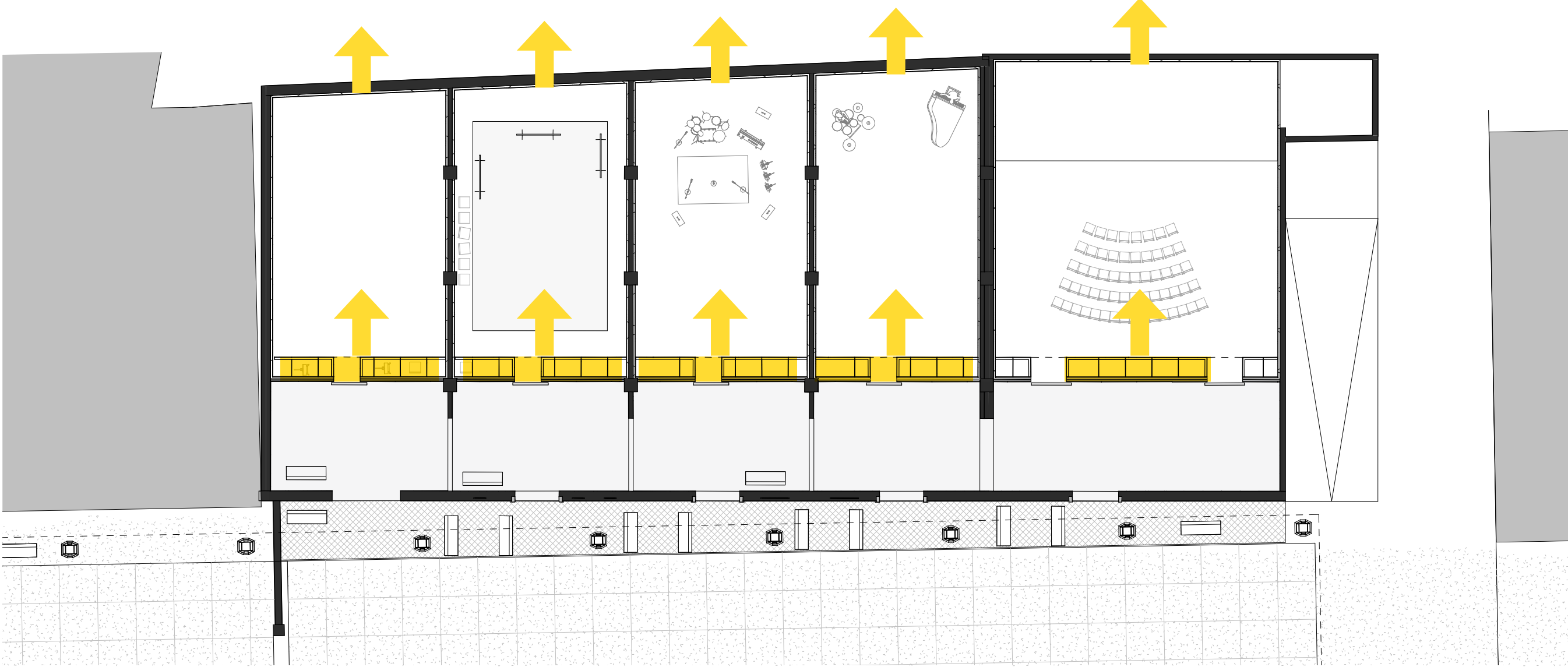
FACILITATING WALL

SOUND BARRIER



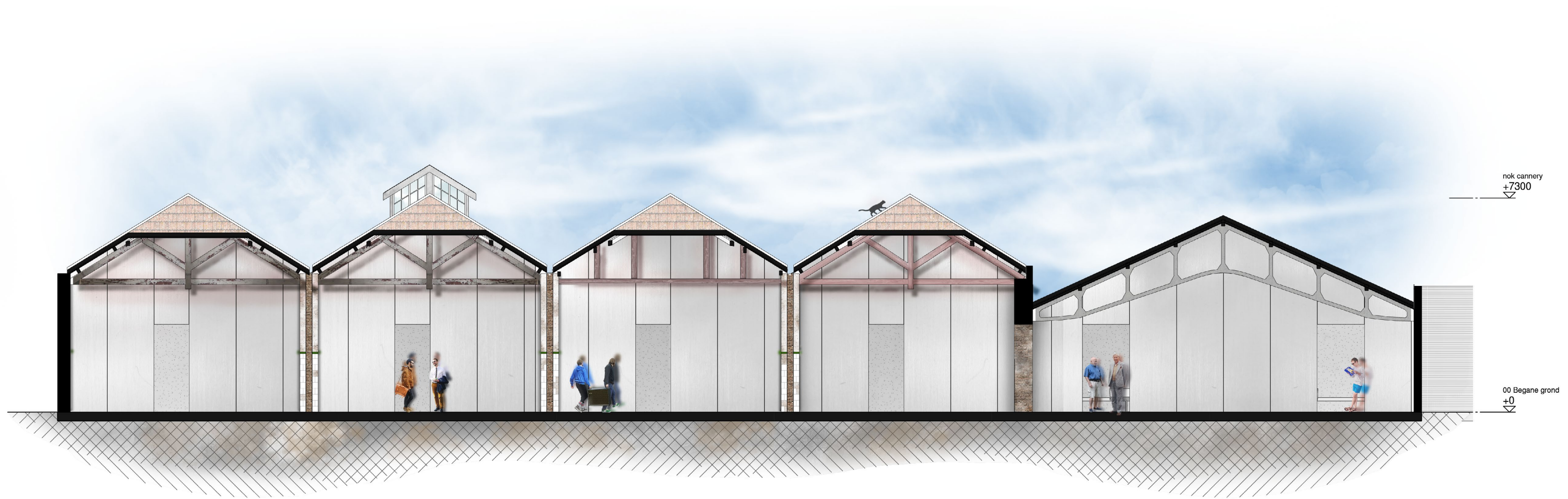
FACILITATING WALL

FLEXIBLE VENTILATION PER BAY



SECTION

NEW CORRIDOR, BETWEEN FACADE AND BAYS

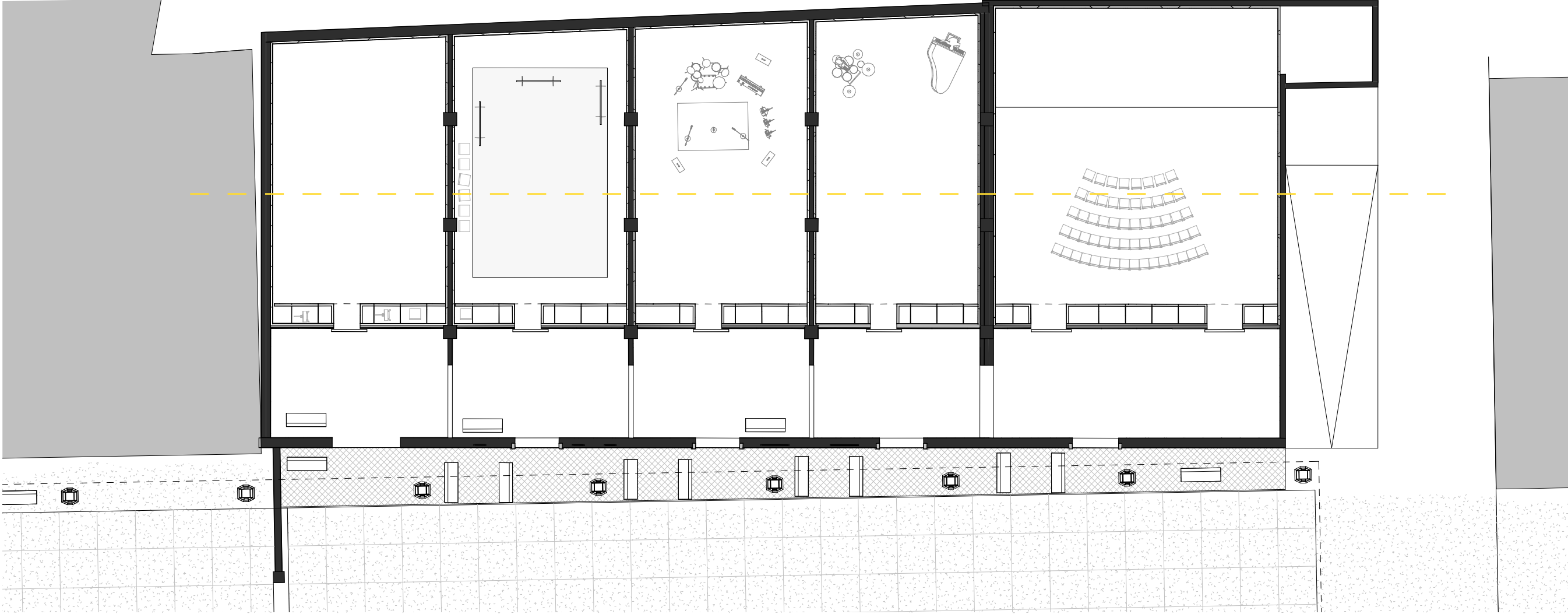






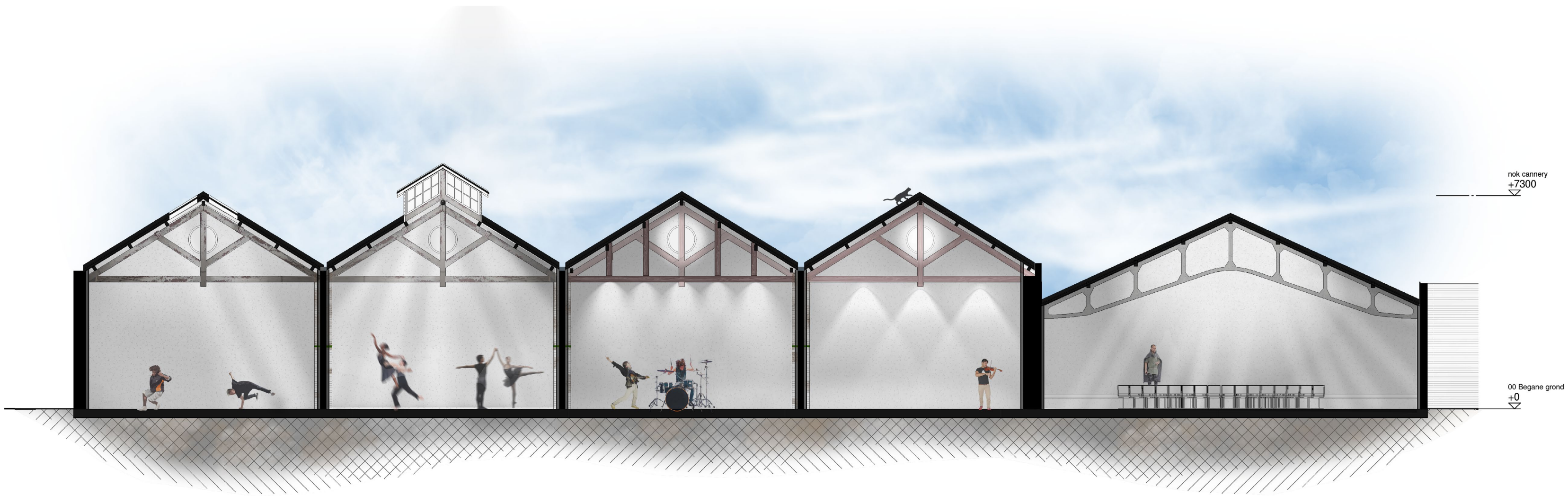
BAYS

EMPHASIZING THE TRUE STRUCTURE



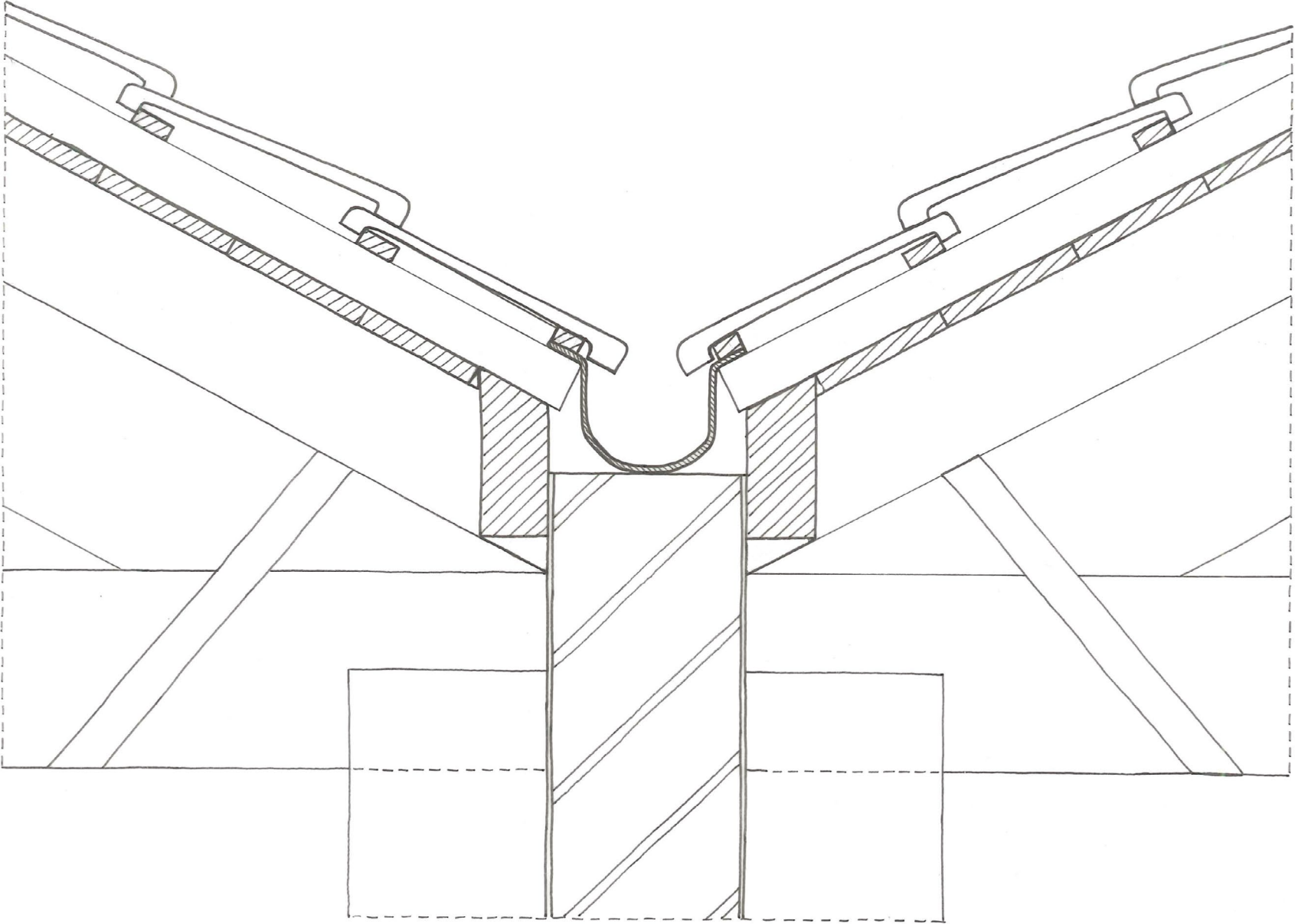
BAYS

INDIVIDUAL BAYS, EACH A VARIATION



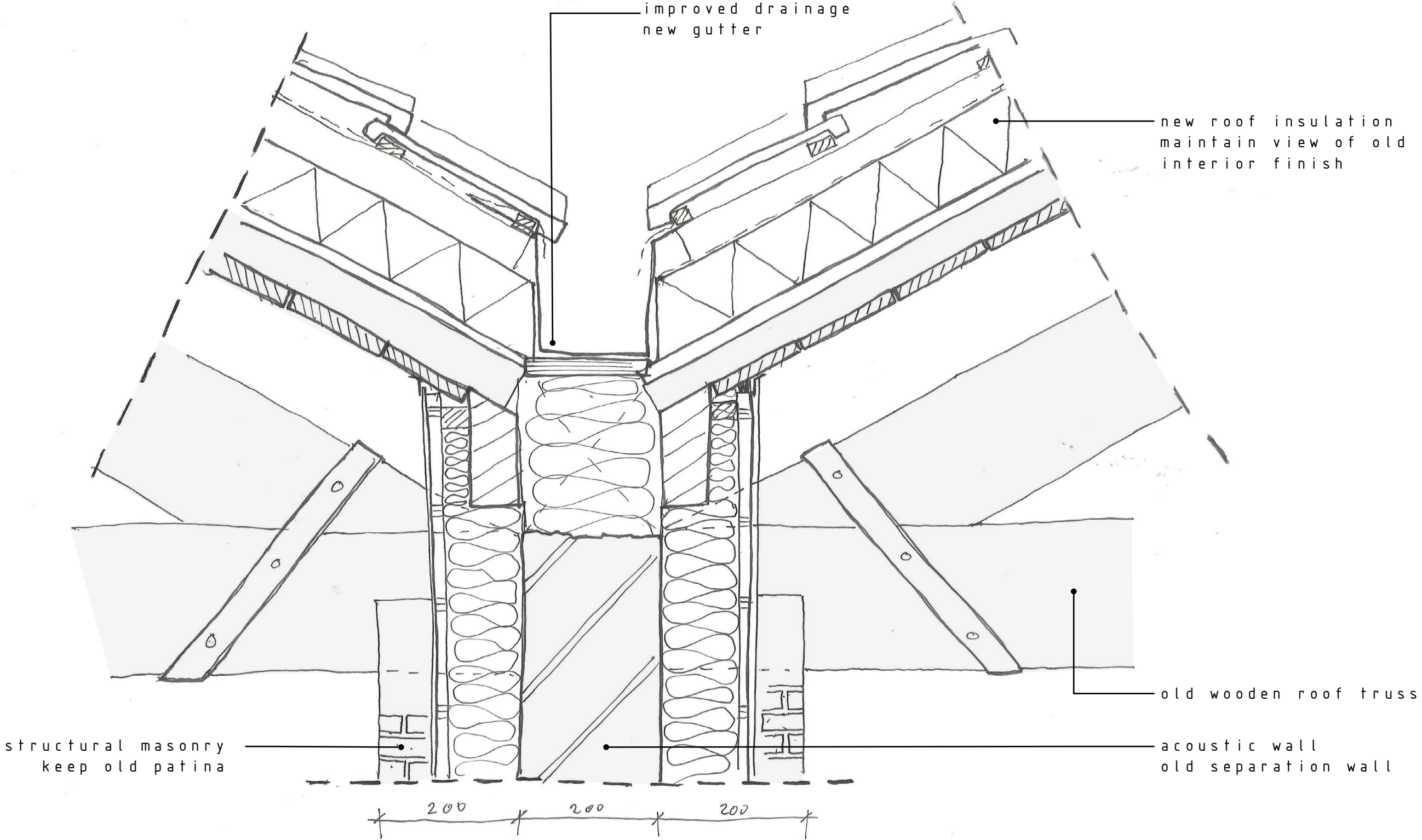
DETAIL

ORIGINAL WALL & ROOF



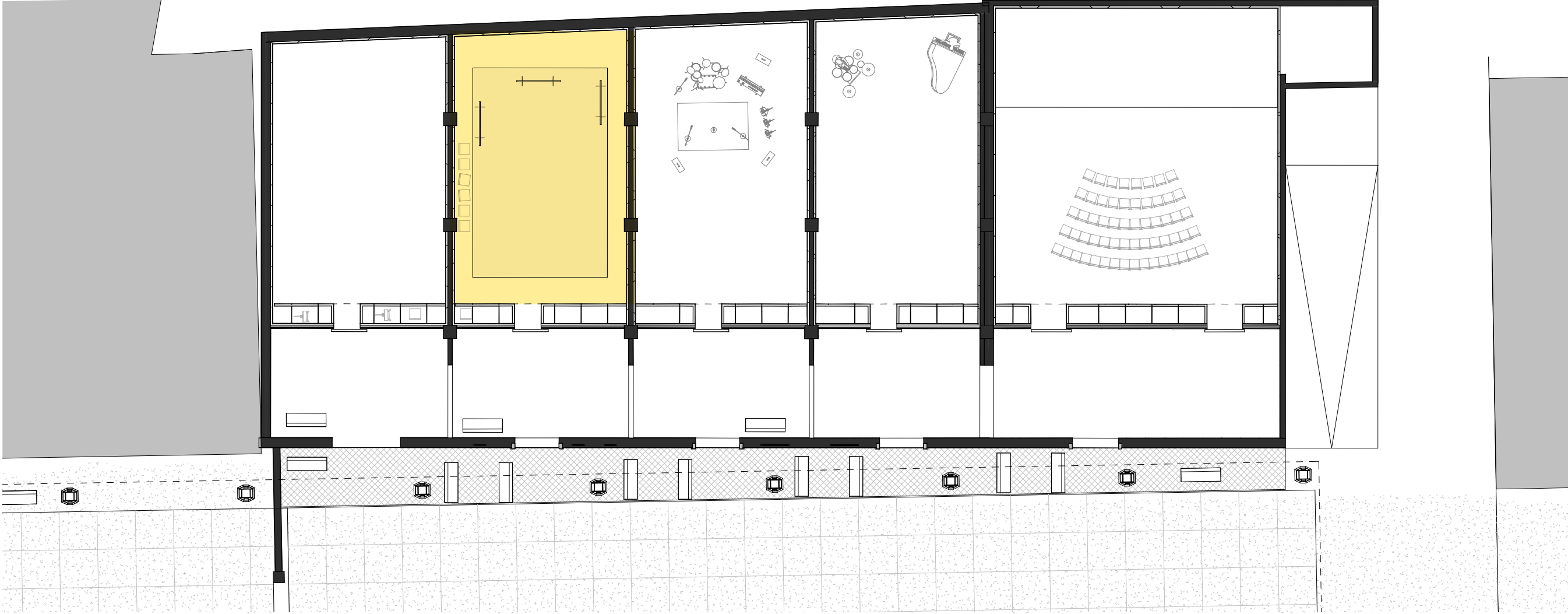
DETAIL

NEW WALL & ROOF



PRACTICE STUDIO

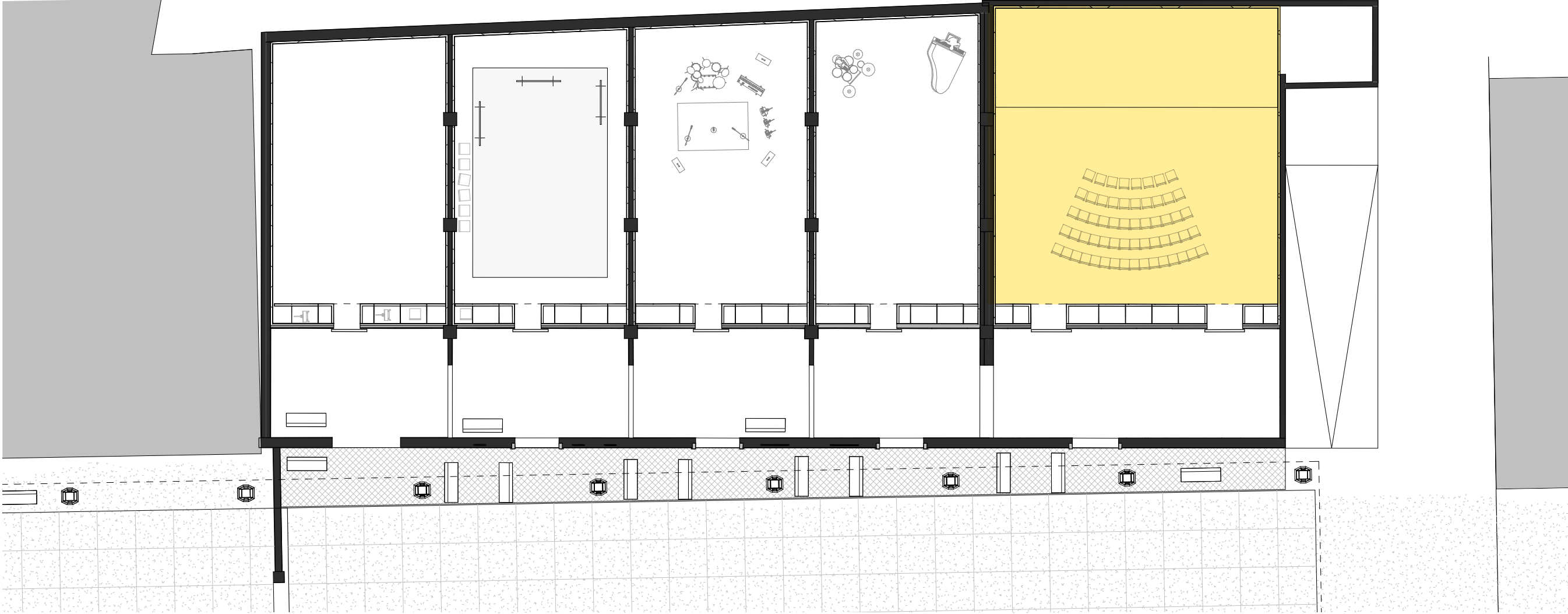
EXPOSING THE TRUE STRUCTURE AND DECEIVING FACADE





PERFORMANCE ROOM

EXPOSING THE BEAUTY





3 URBAN FOYER

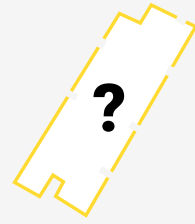
NEIGHBOURHOOD ACTIVATOR



TRANSFORMATION FRAMEWORK

TOTAL

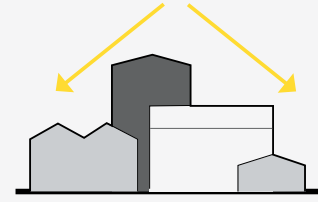
SITE



enclosed character



street structure



morphology roofscape



two-faced complex



mmc as link in chain

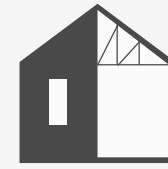
GENERAL



monumental façades



structural overcapacity

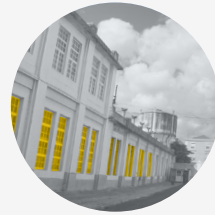


exterior / interior

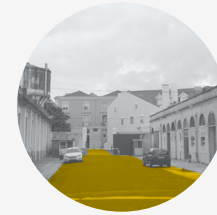
STREET



important function



openness



connection



façades give character

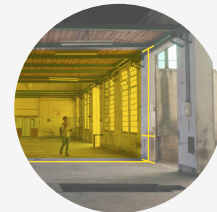
CARWORKHOP



structural frame / oversize



length / open plan



human scale / proportion

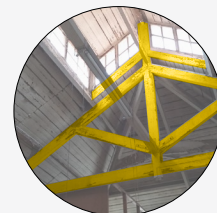
CANNERY



deceiving facade /
decor function



bay structure /
typical shape



wooden truss variation

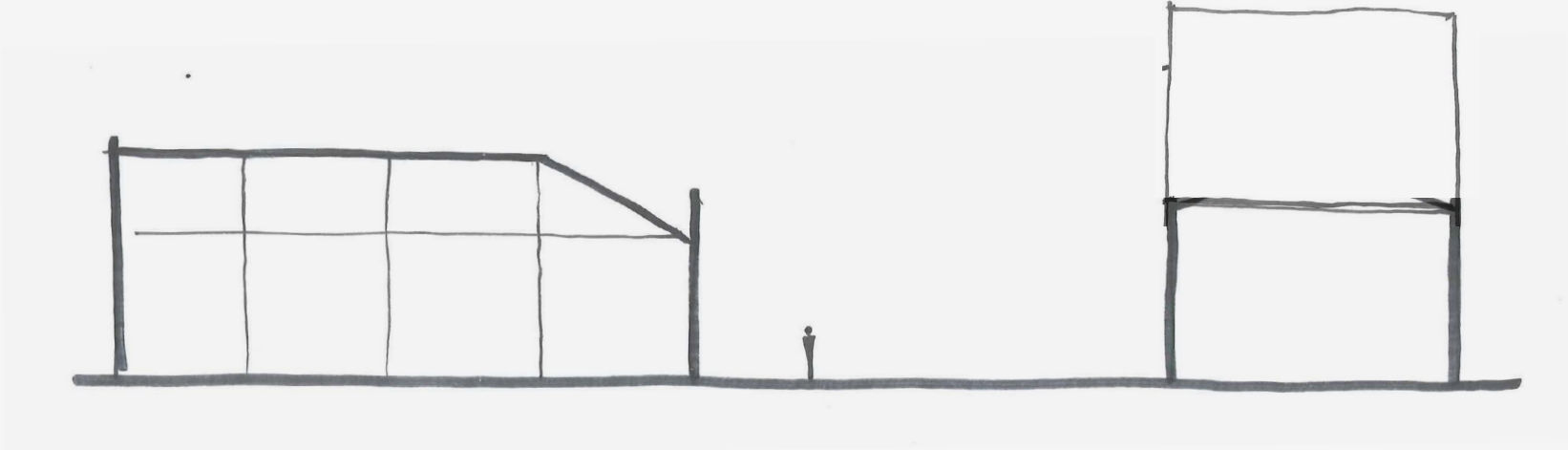


hidden military gem



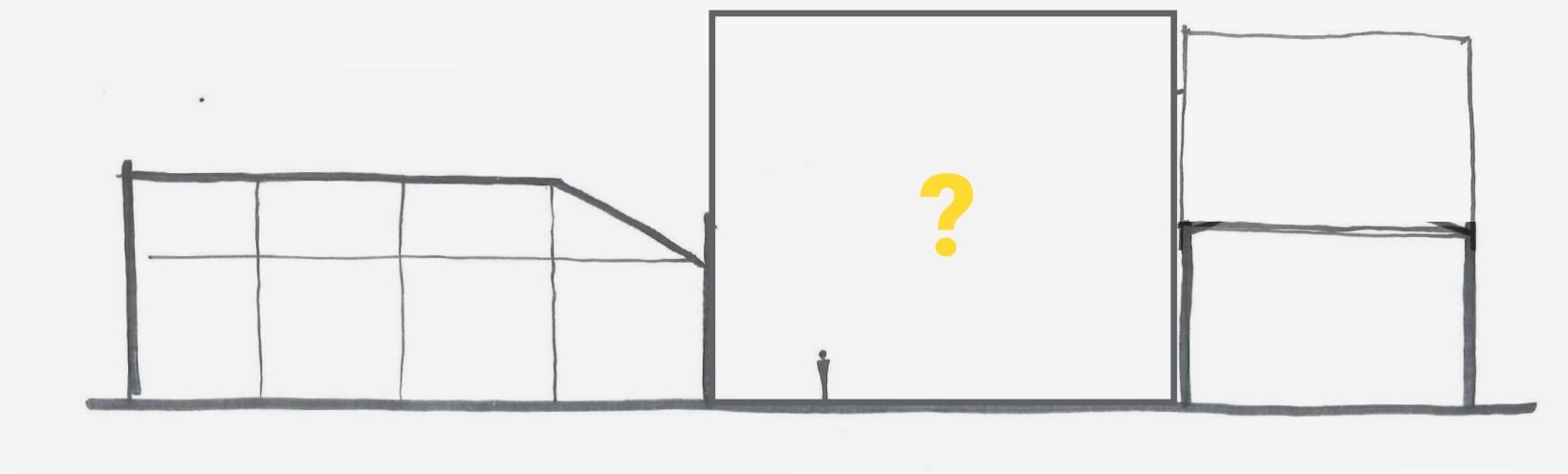
CONCEPT

STREET FOYER



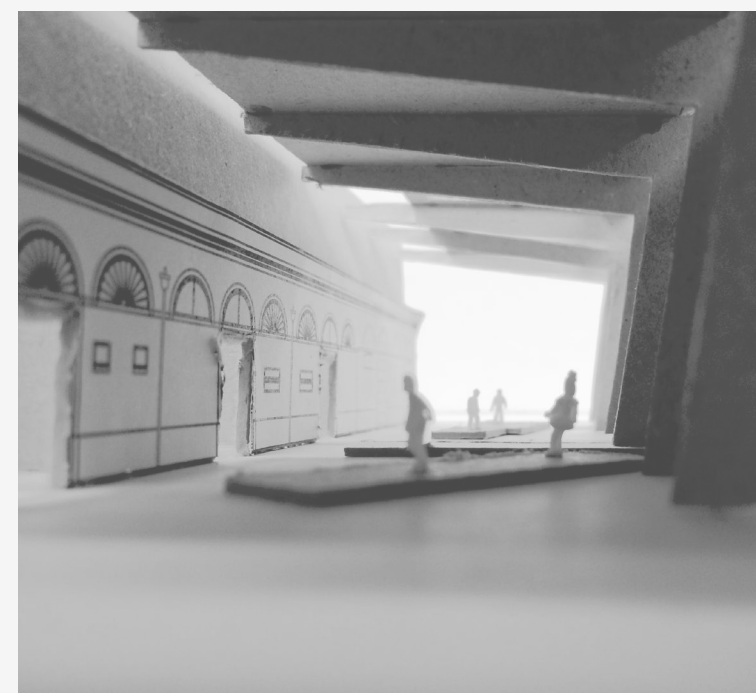
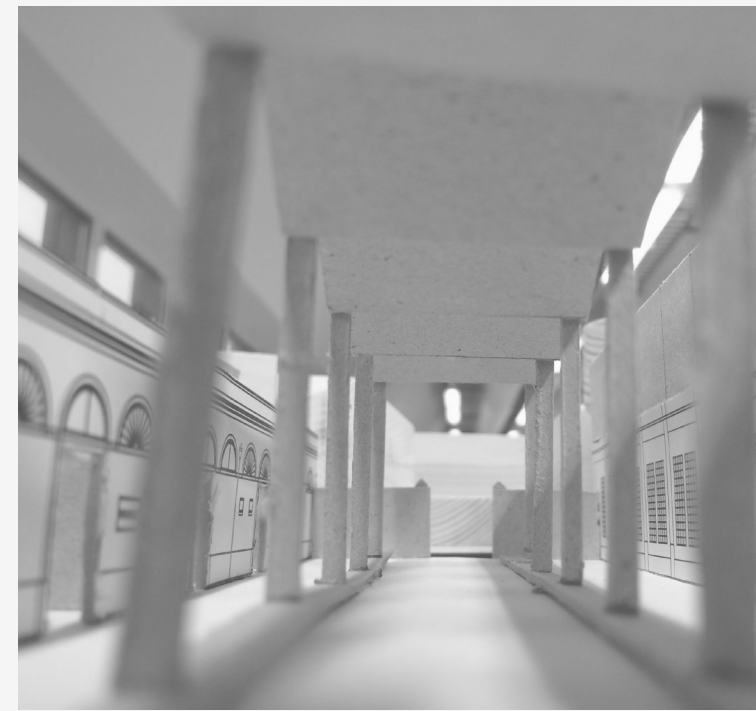
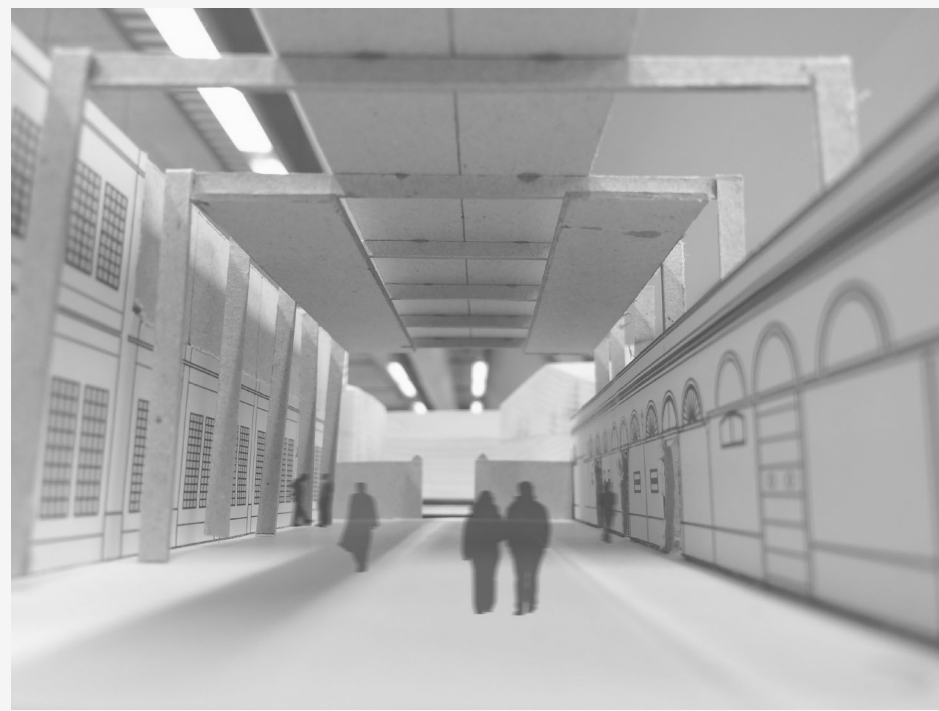
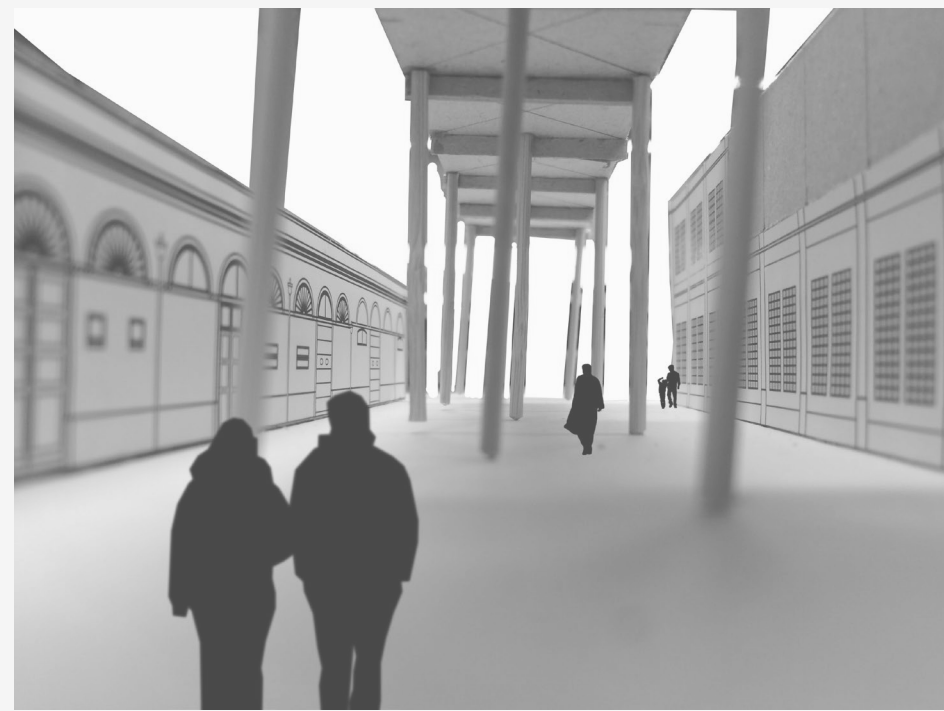
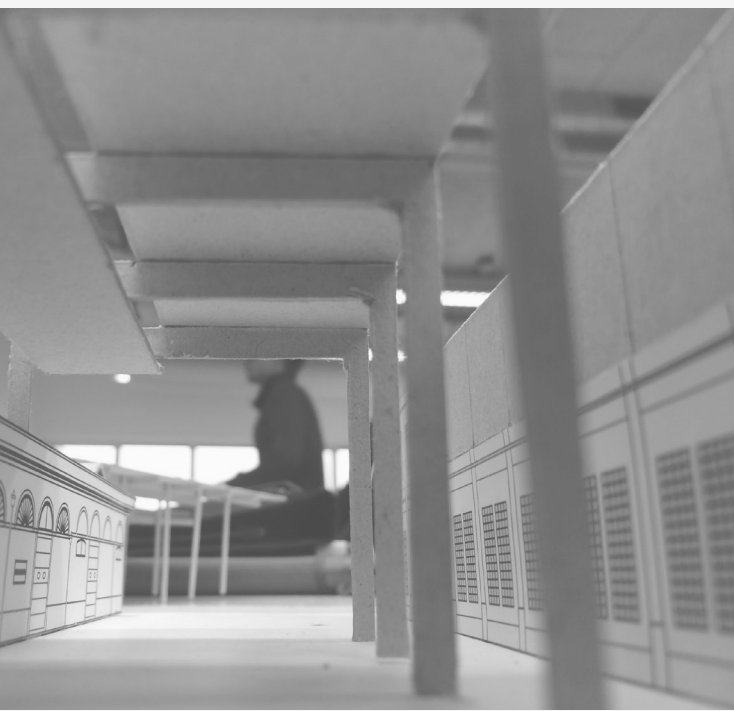
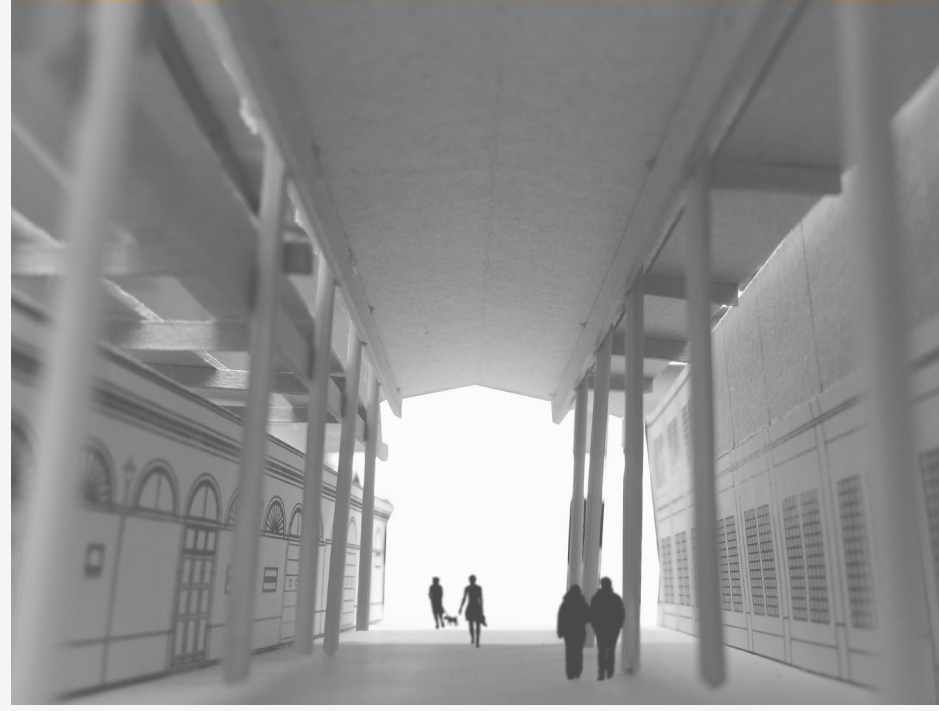
CONCEPT

CONNECTING BUILDINGS



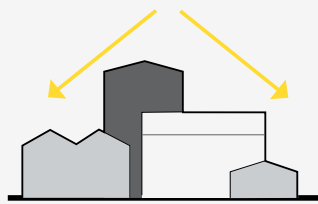
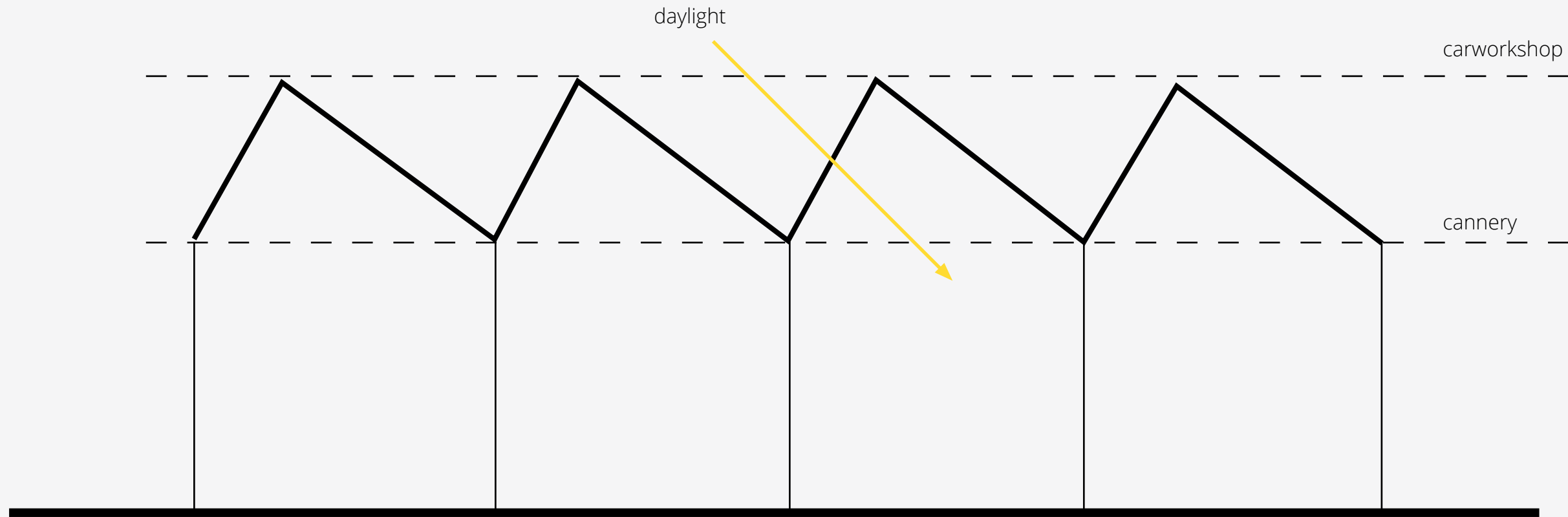
STREET STRUCTURE

SEARCHING



CONCEPT

URBAN FOYER



morphology roofscape

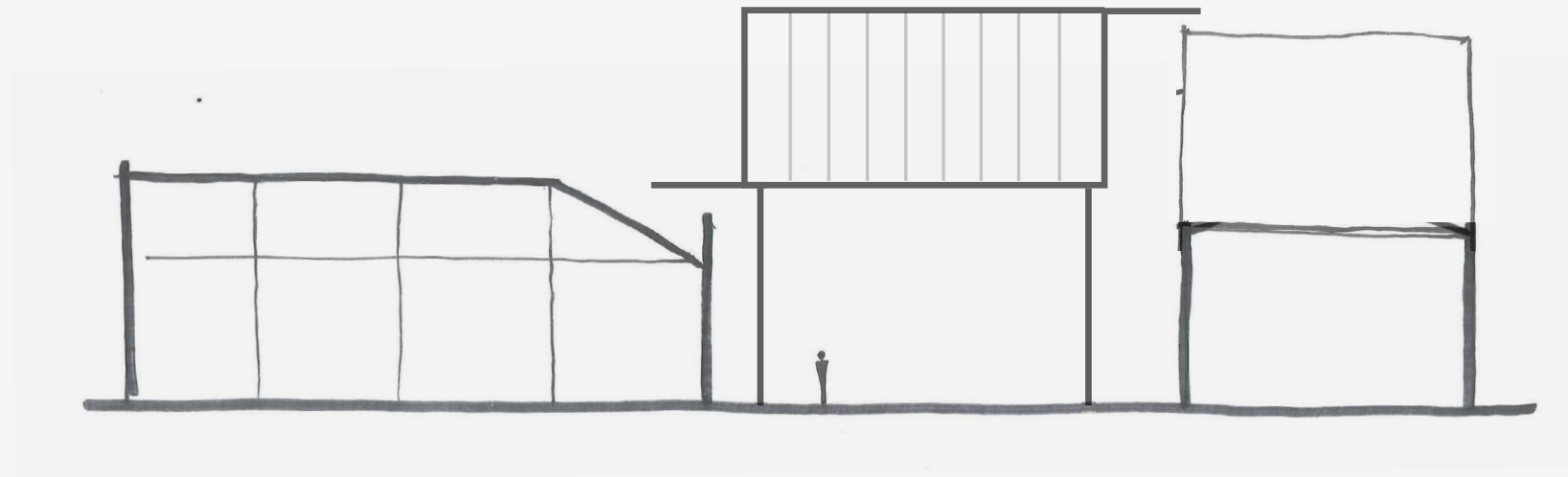


façades give character



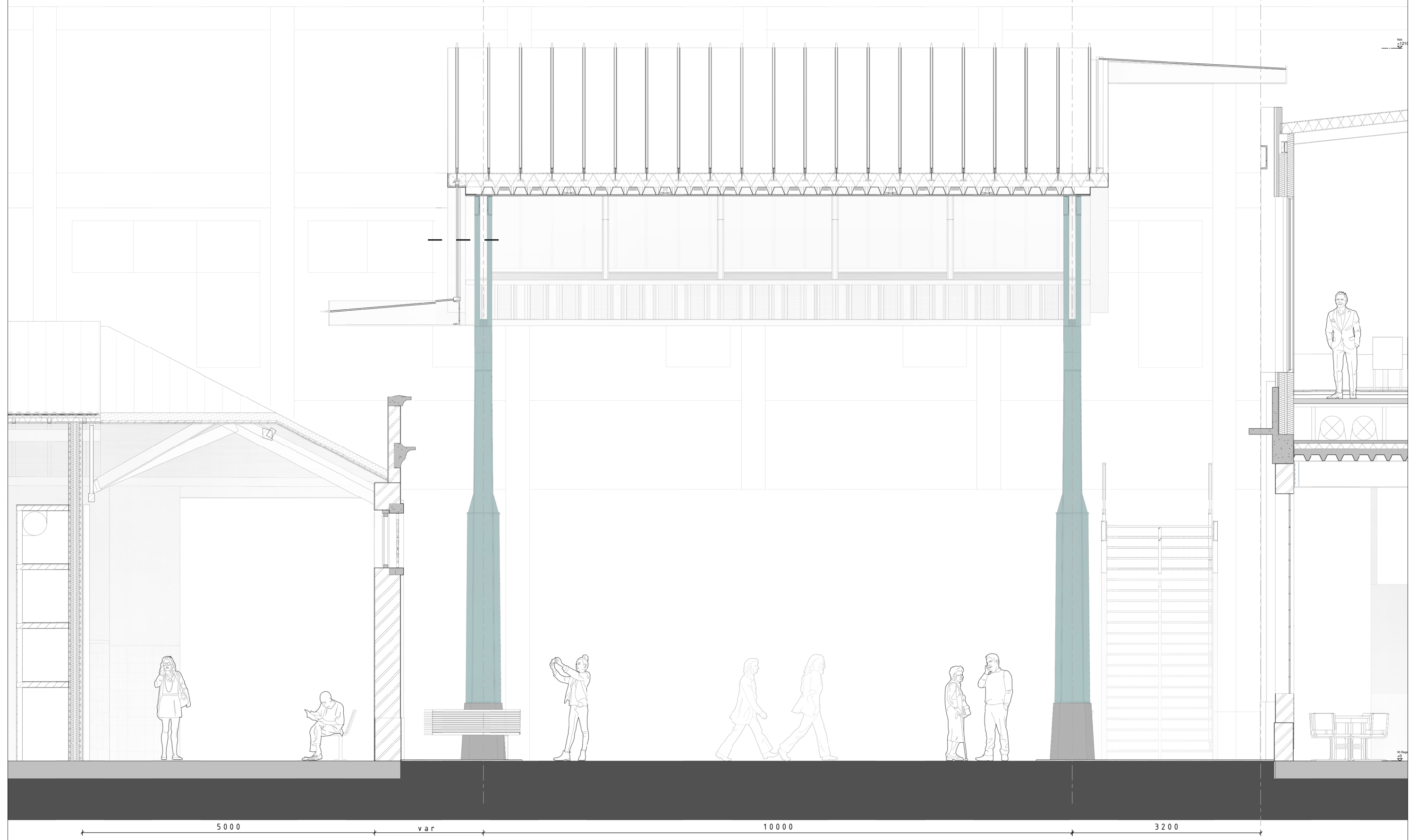
CONCEPT

ROOF STRUCTURE



FINAL SECTION

URBAN FOYER



DETAIL

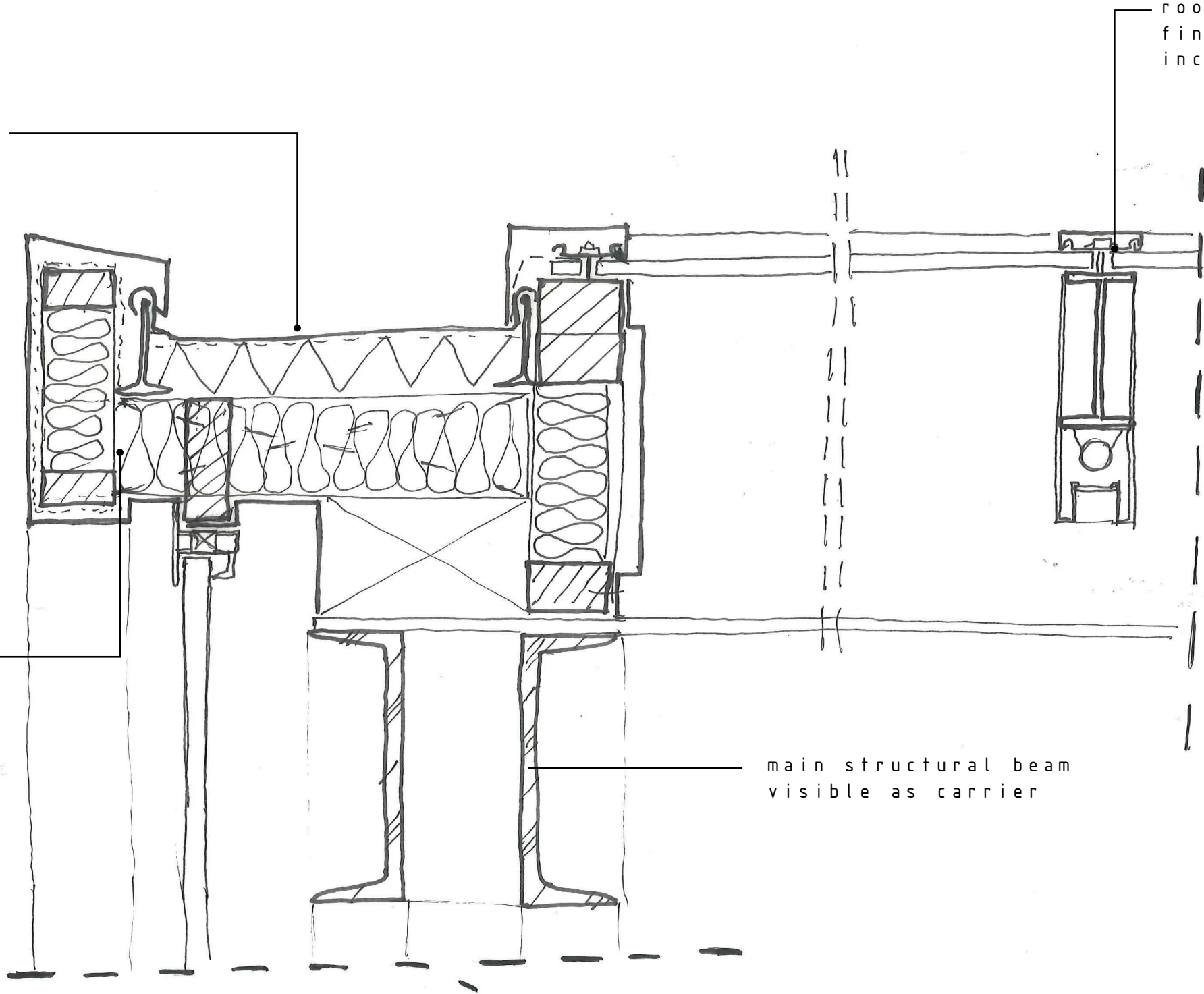
ROOF EDGE

aluminium roof cladding

taper roof profile
to incorporate window

roof light windowframe
finished with steel preformed sheet
incorporated lighting fixture

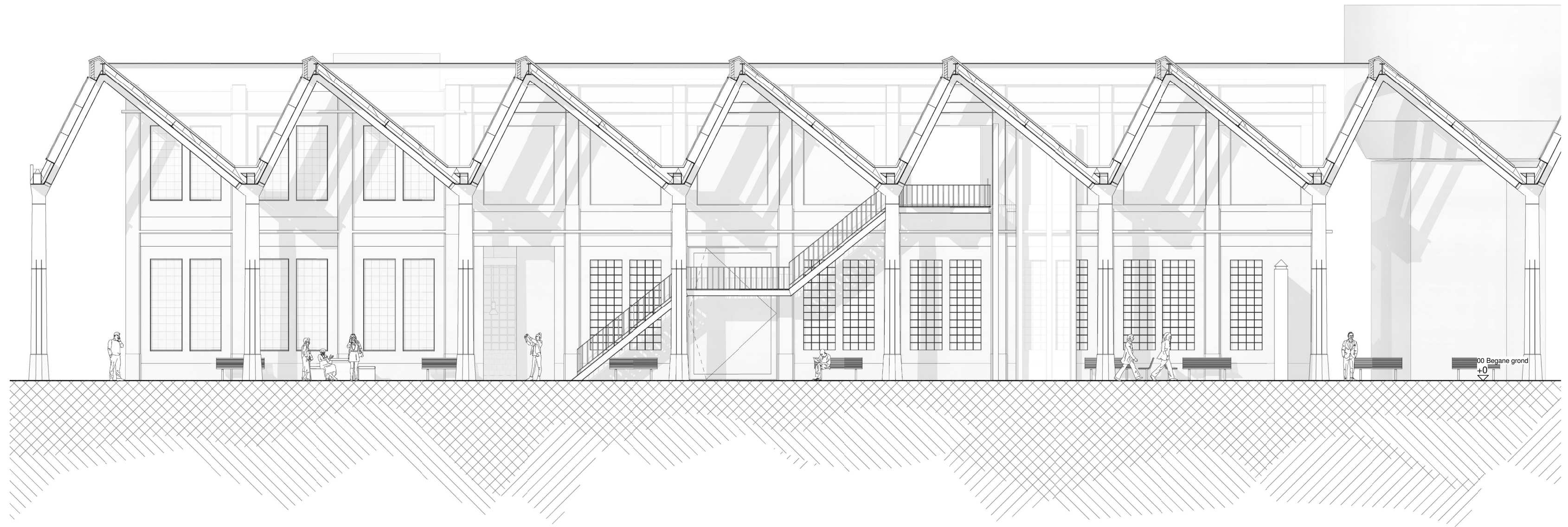
main structural beam
visible as carrier





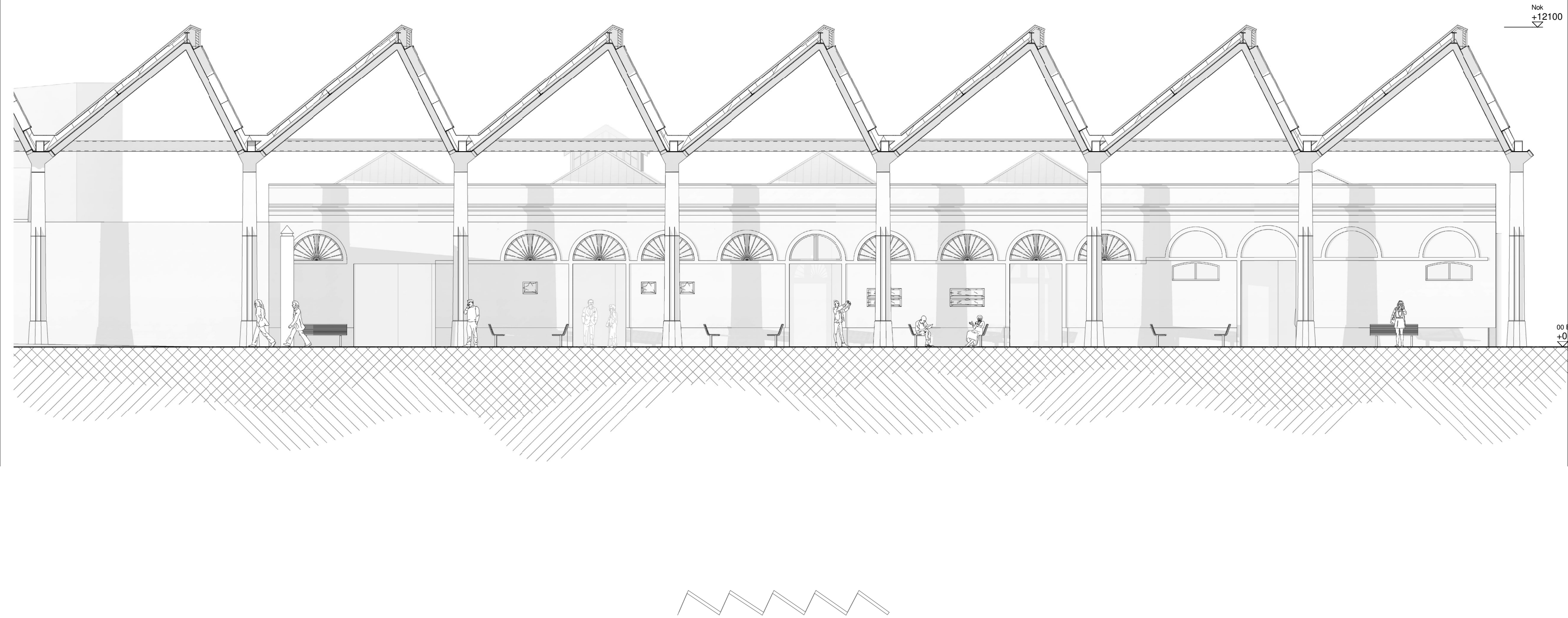
SECTION

TOWARDS CARWORKSHOP



SECTION

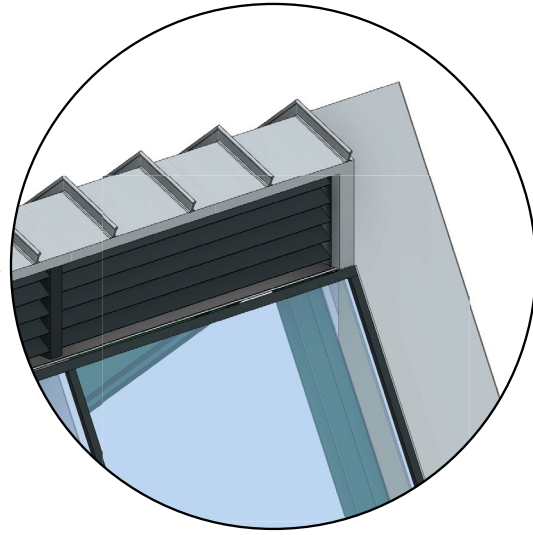
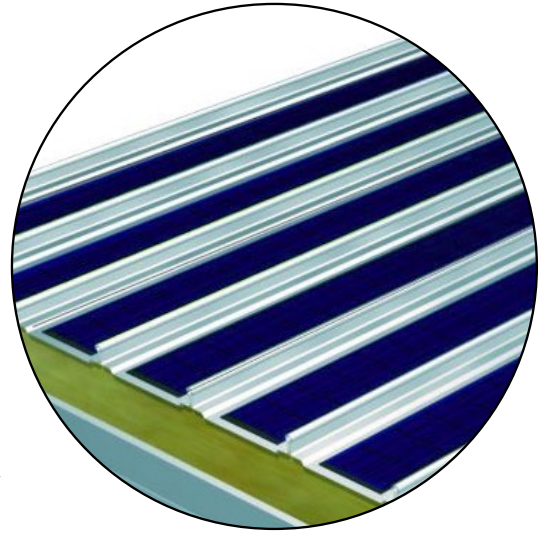
TOWARDS CANNERY



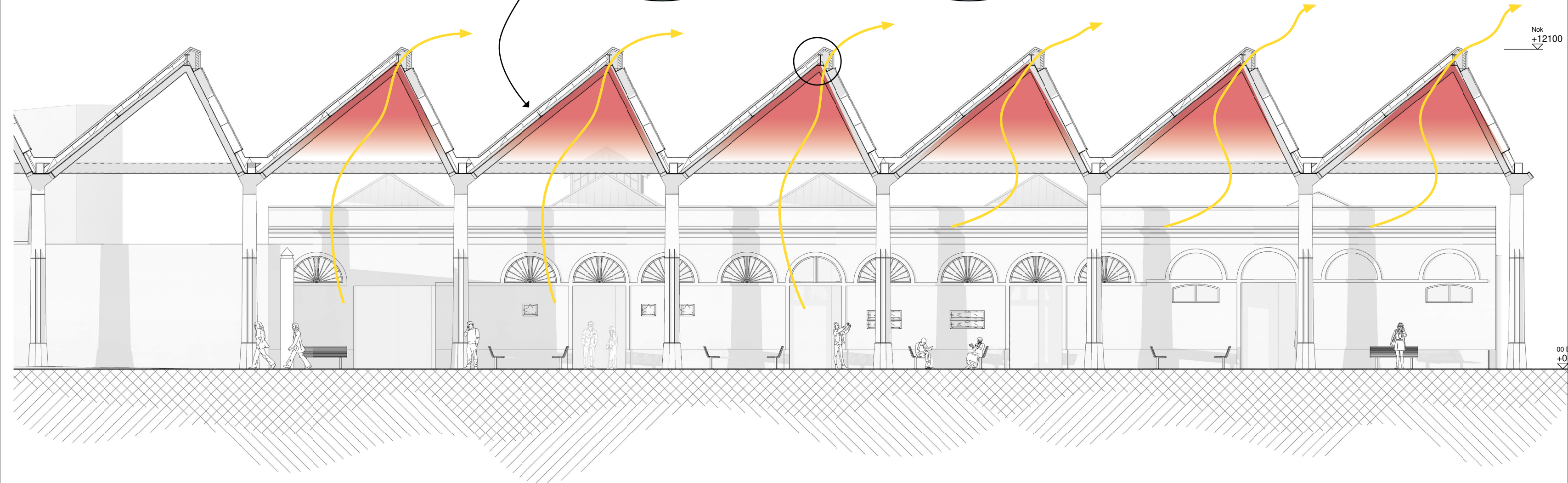
CLIMATE

COUNTER OVERHEATING

solar panels
in roof
system



operable
roof vent

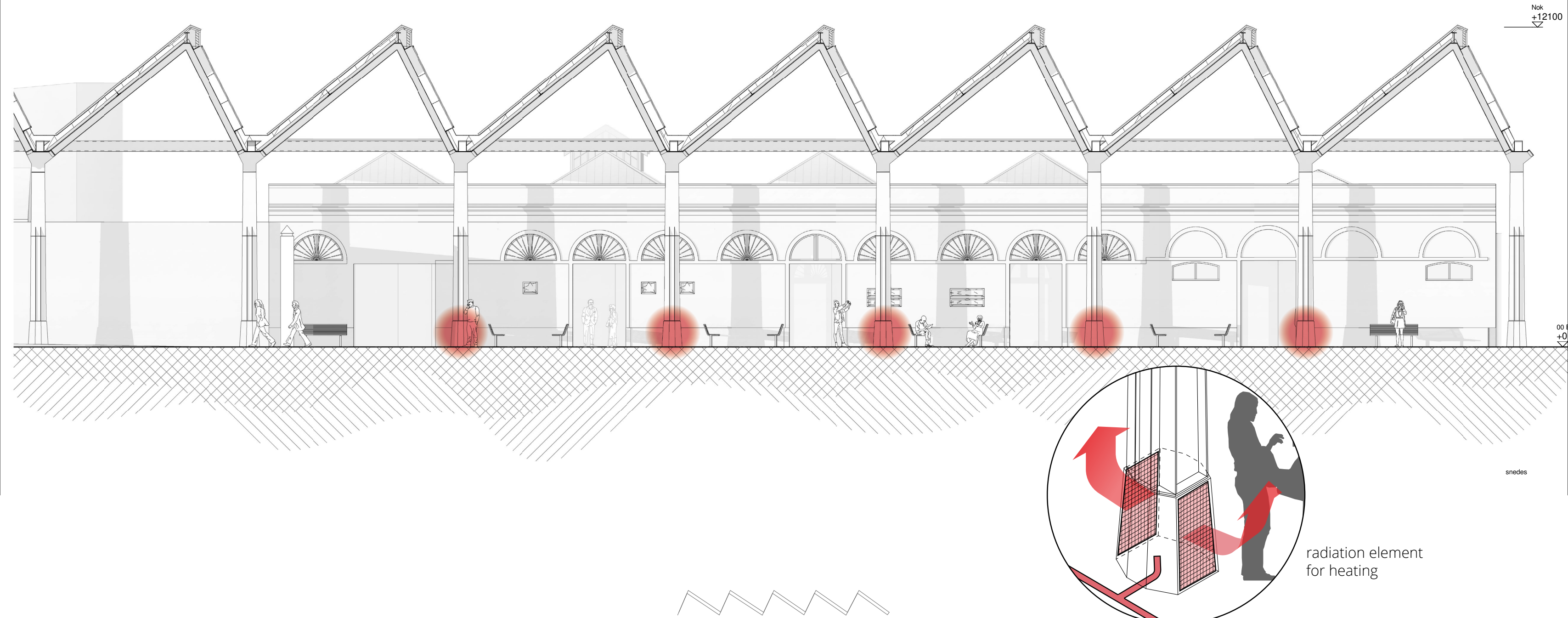


snedes



CLIMATE

COMFORT, BETWEEN BUILDINGS



Nok
+12100

0.0
+0

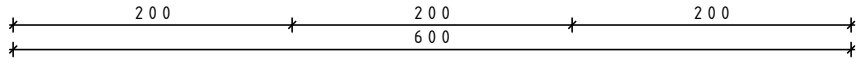
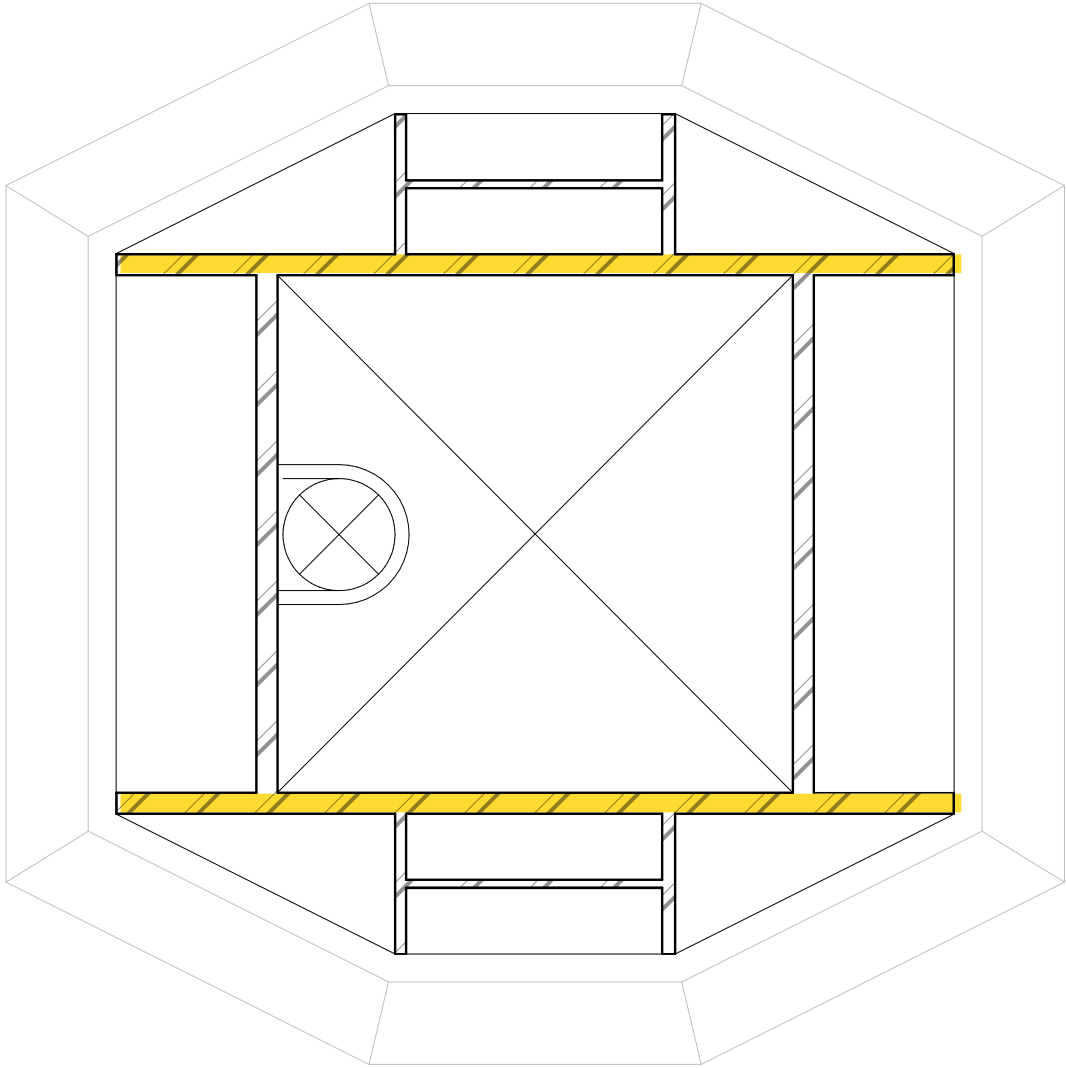
snedes

radiation element
for heating



STRUCTURE

RIGID COLUMNS



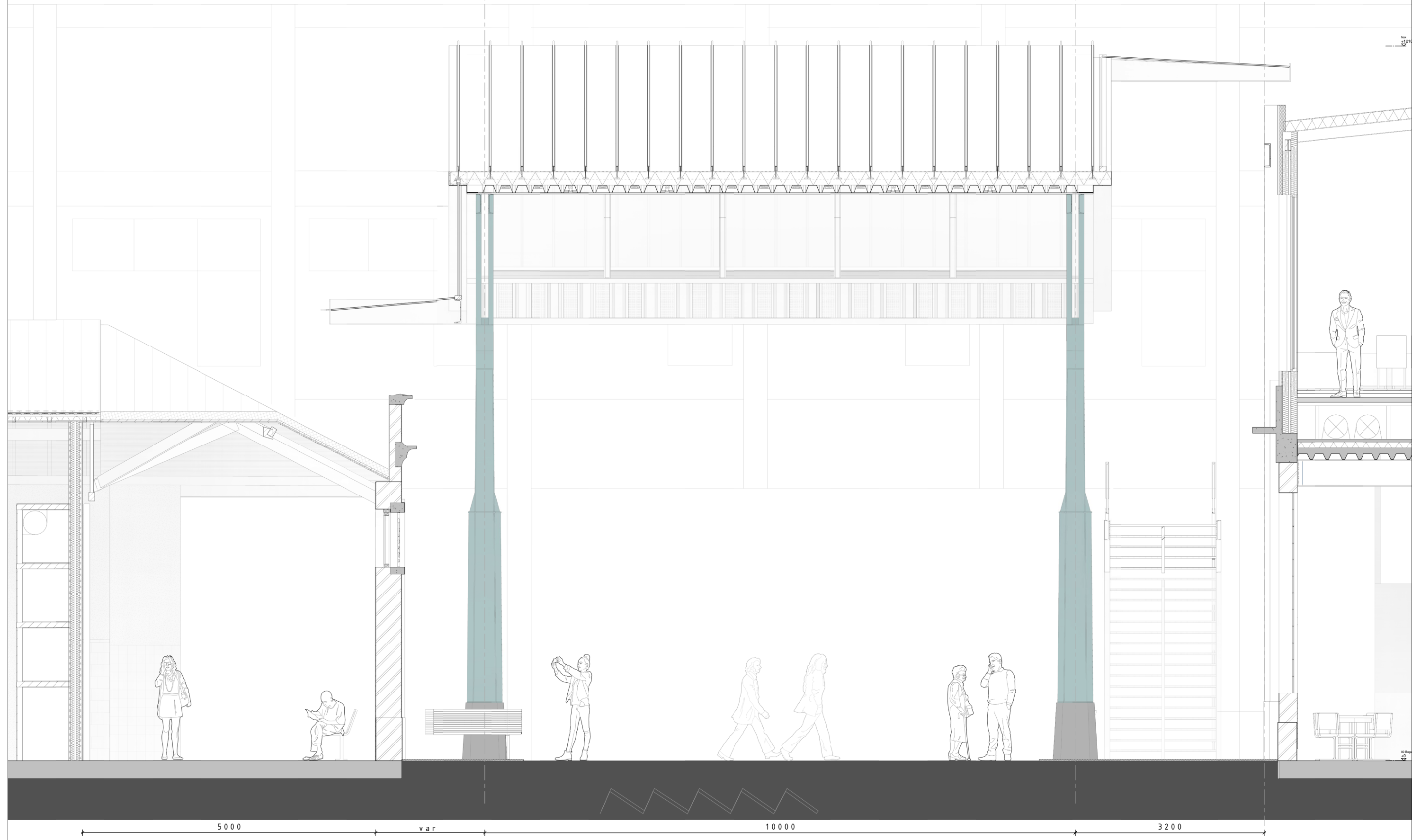


source:



CROSS SECTION

THREE INTERVENTIONS





source:

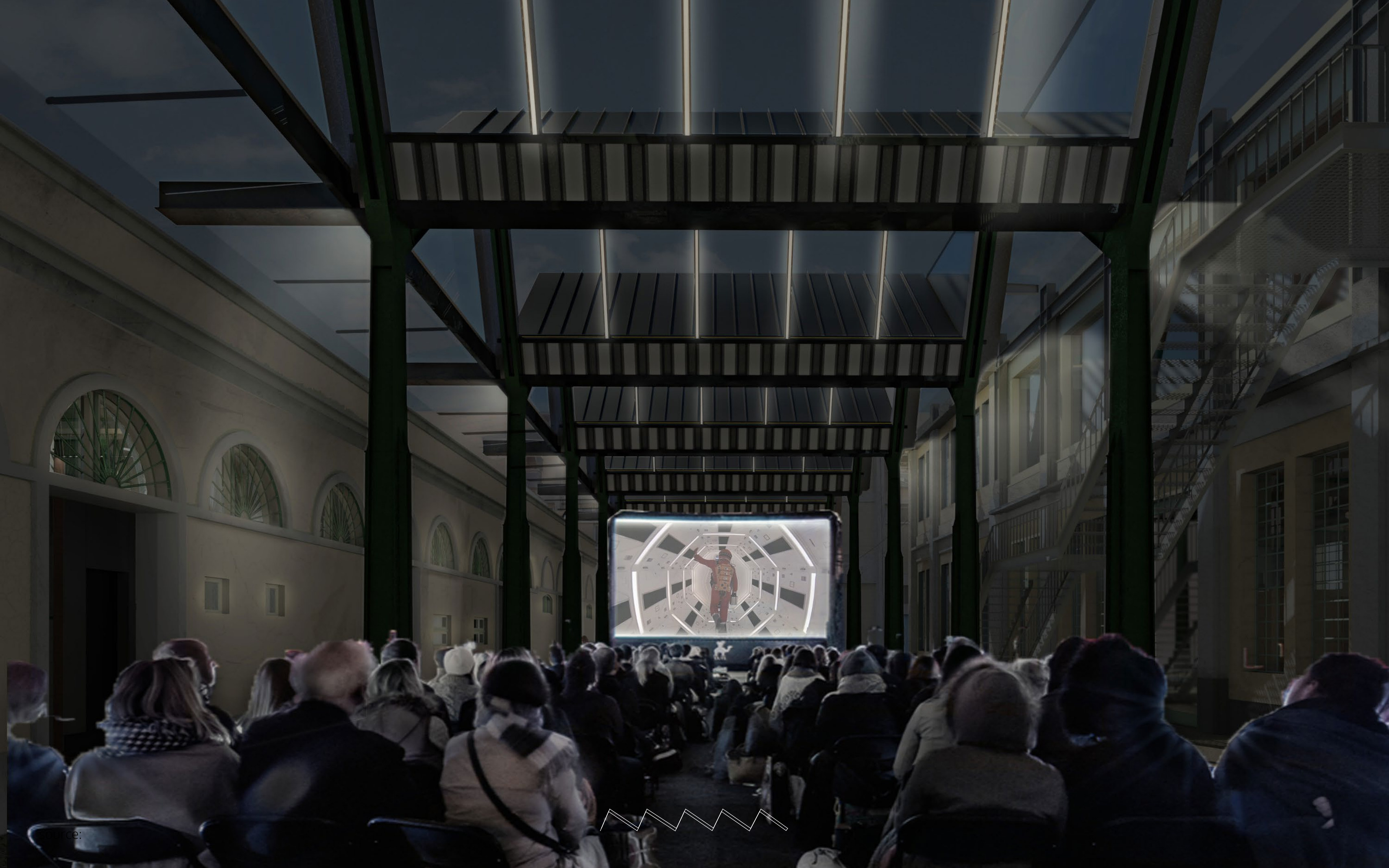


Source:



source:





REFLECTION

STREET = OUTSIDE

BIGGER SCALE

TECHNOLOGY

MATERIALISATION / COLOUR





THANK YOU

THE END