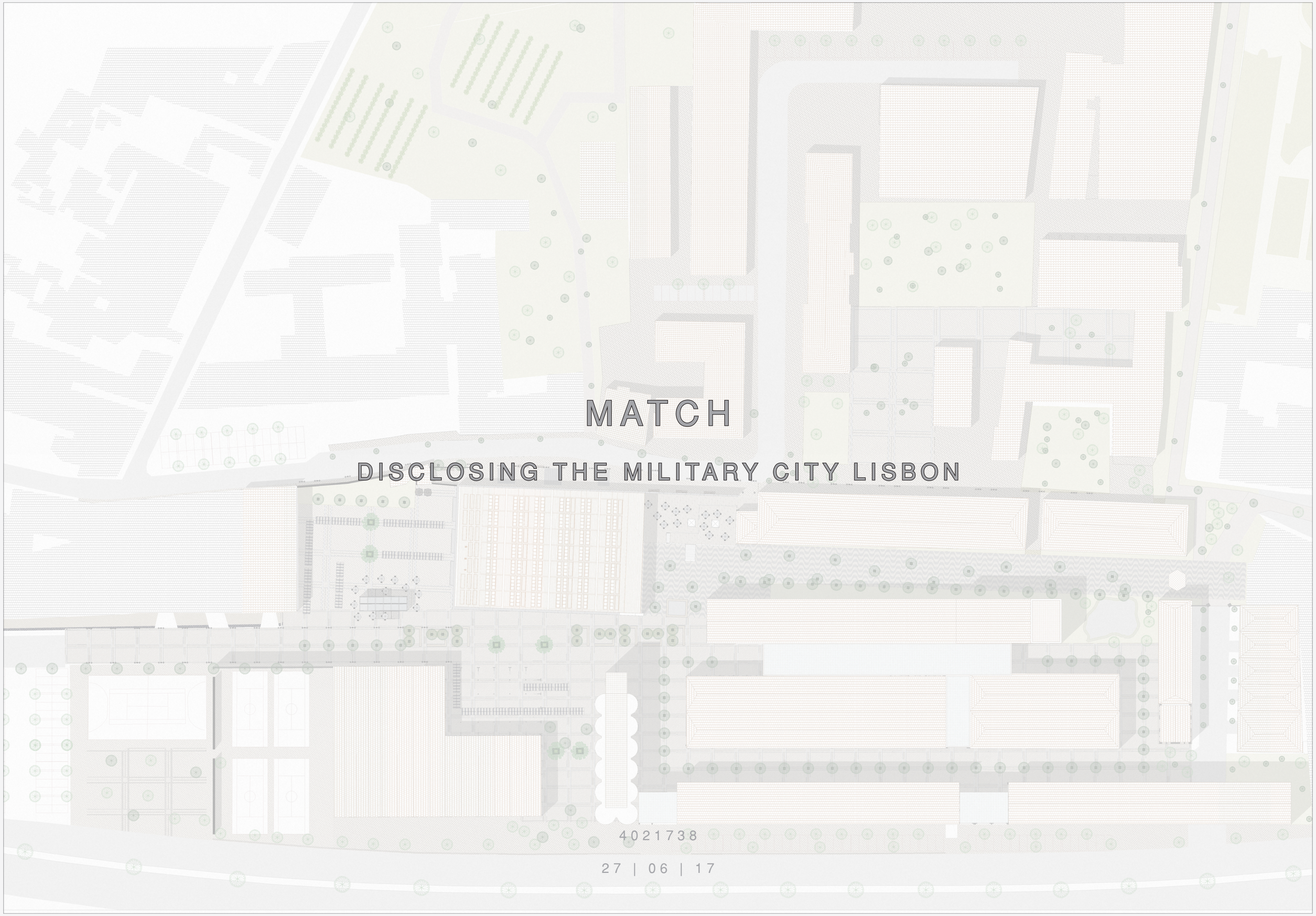


MATCH
DISCLOSING THE MILITARY CITY LISBON

4021738

27 | 06 | 17

STRUCTURE

Introduciton

Research method
Workshop
City impression
The plan area

Research & analysis

Character project
Problem statement
Research Question

A Modern manufacturing complex

Development complex
Cultural value
Transformation framework
Strategy
Function & use
Design concept

Match

development building
Technical Values
Spatial values
Design concept
Function & use
Design expression

The meeting spot

Social values
Strategy
Social cohesion
Function & use
Design concept

Technique

Technical values
Transformation strategy & concept
References
Transformation design
Climate design

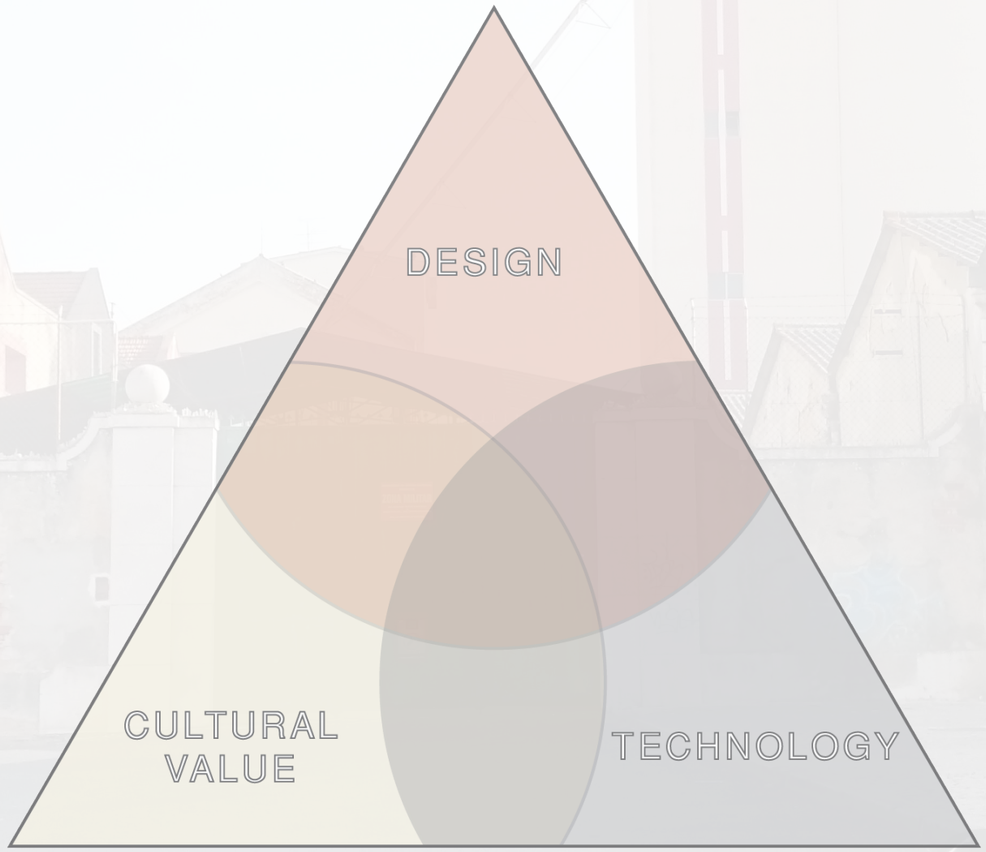
Conclusion

Reflection
Closing
Discussion


Analysis & research
Spatial analysis
Technical analysis
Site visits & observations
Theoretical framework
Needs & problems
Function & users
Research & inspiration
Literature research
References & inspiration
Technical Information
Presentation methods
Value assessment
Value research
Cultural values
Transformation framework
Brief
Strategy
Potentials
Dilemmas
Themes
Starting points
Research by design
Sketch
Design scenarios
Concepts & ideas
Premelairy
3D Modeling
Technique
Tentative
Research by design
Technical design
Additional Research
Additional findings
Reflection
Final design
Contemporary
Design & concept
Technical spects
Presentation
Models & Posters
Elaborative Presentation

MATCH

DISCLOSING THE MILITARY CITY LISBON



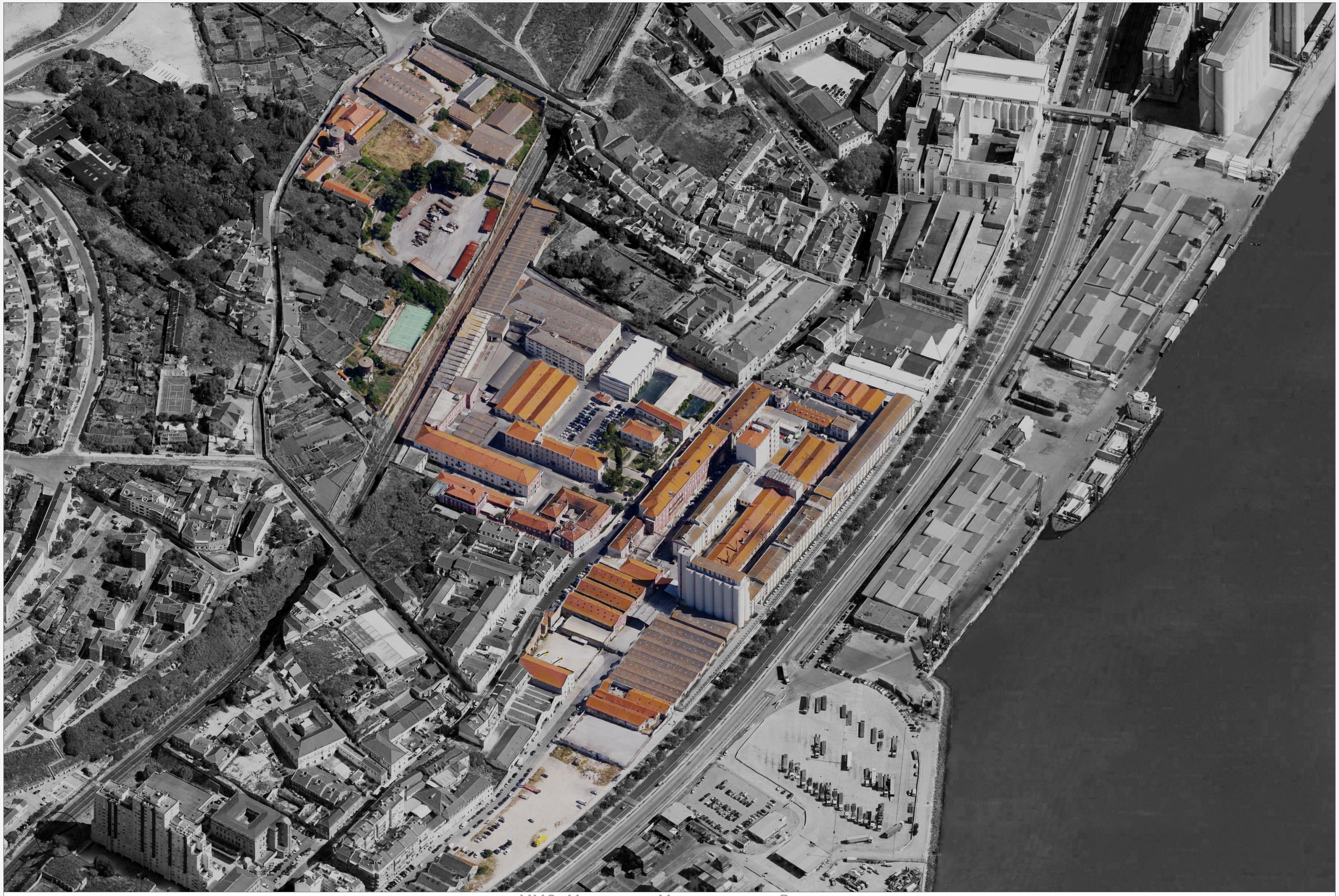

do_co_mo_mo_
international


3,60€


Time Out
MARKET
LISBOA
Riberalves
15~22
outubro
ALEXANDRE SILVA


LVSITA
NIA dos
FLAVIOS
RSB

Lisbon city, Portugal

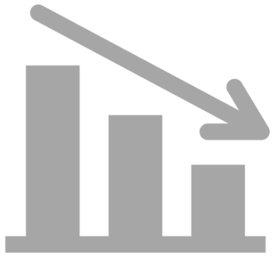


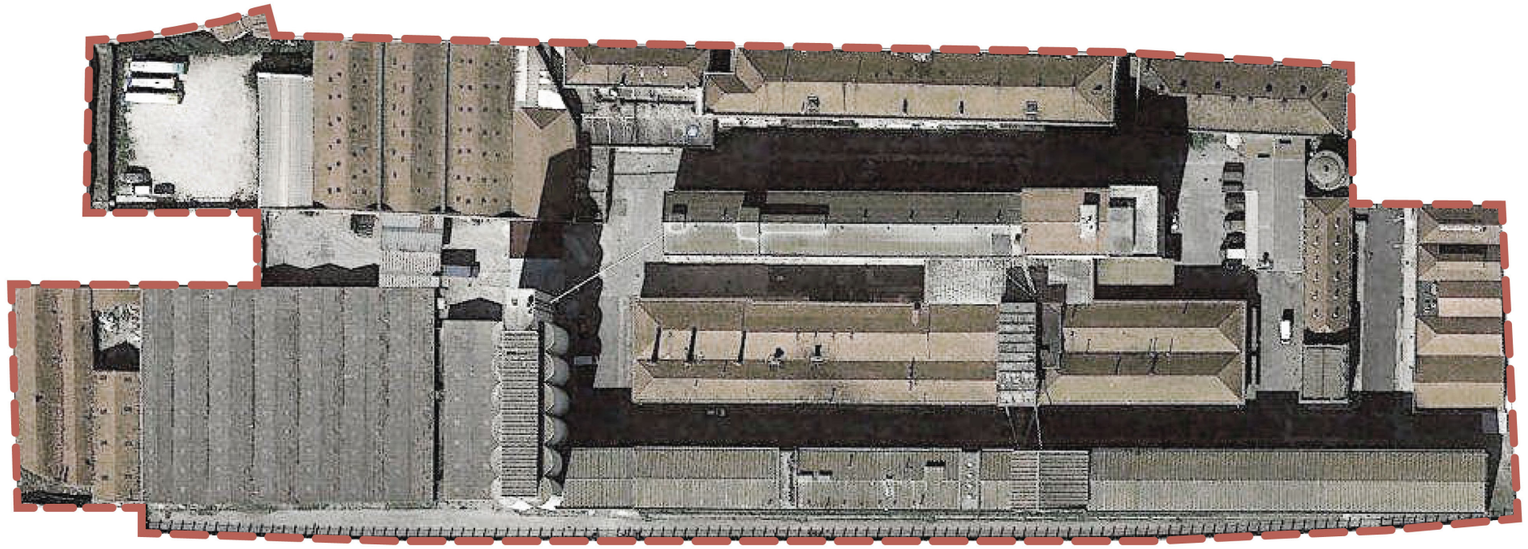
MMC: Manutenção Militar complex, Beato

PUBLIC AND PRIVATE SPACE WITH EDGE MMC

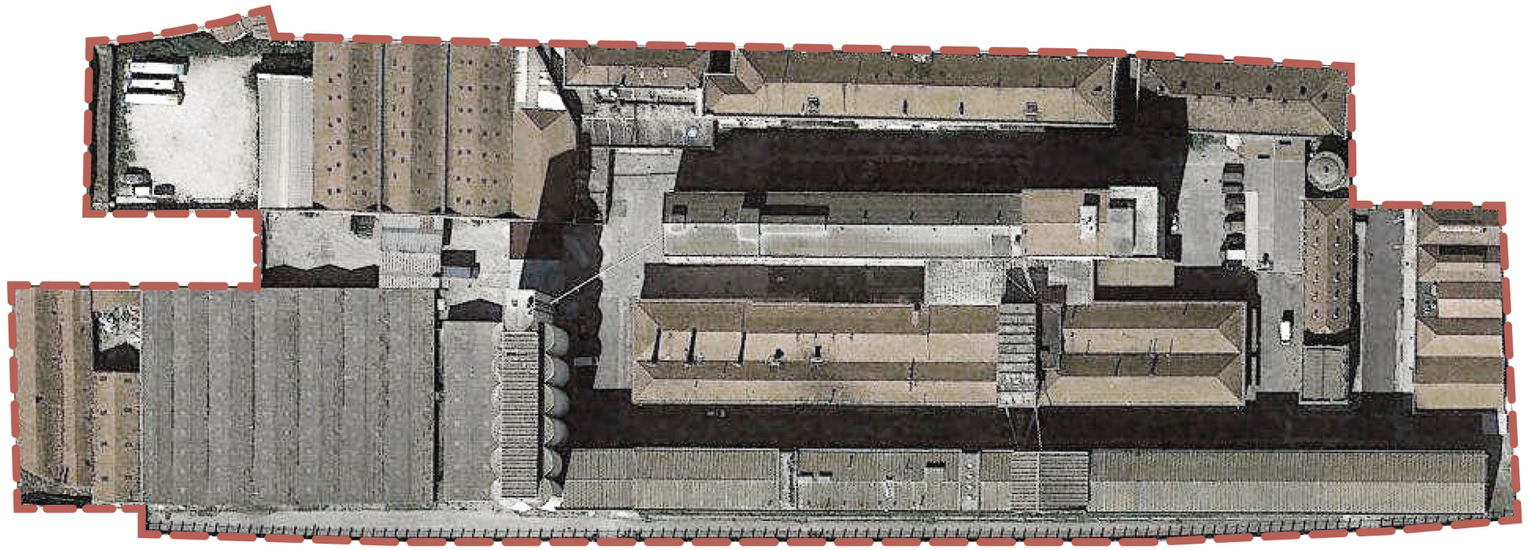
Potential green and private areas

Location chosen building in relation to site





HOW CAN AN ENCLOSED INDUSTRIAL AREA WORK TOGETHER WITH THE URBAN SURROUNDINGS AS A TOOL TO BECOME A RECONNECTED INCUBATOR FOR FUTURE DEVELOPMENTS



A MODERN MANUFACTURING COMPLEX

FOR ART, TECHNOLOGY, CULTURE & HERITAGE

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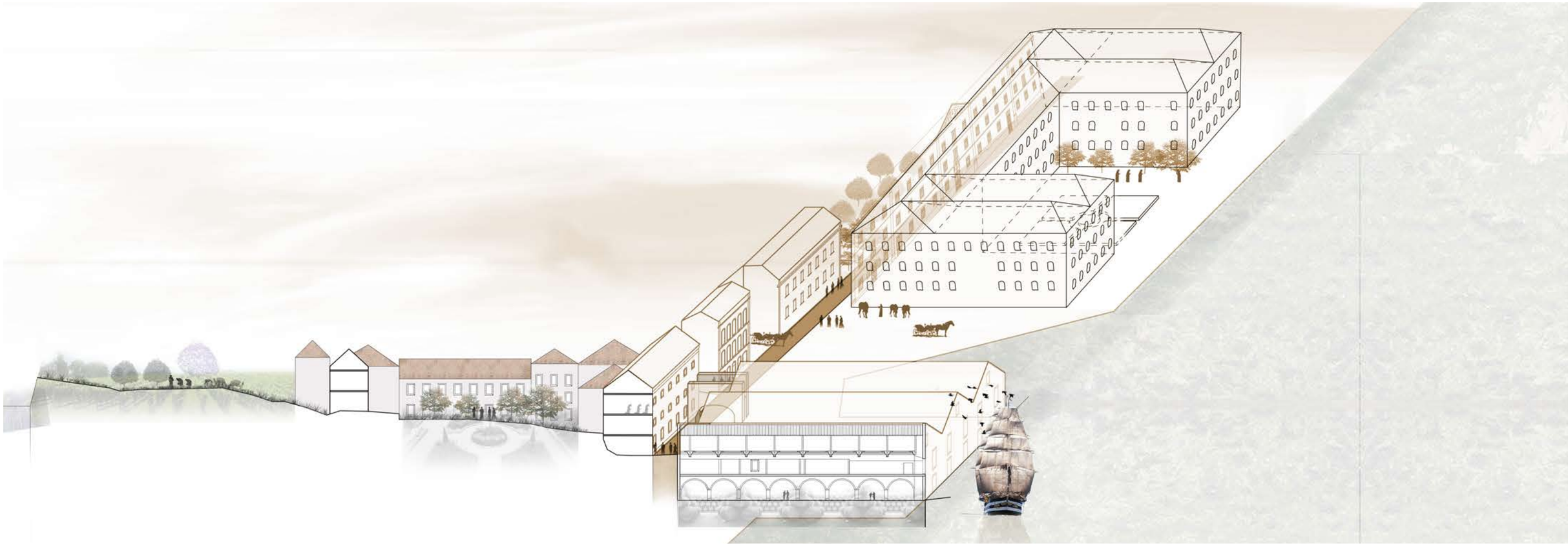
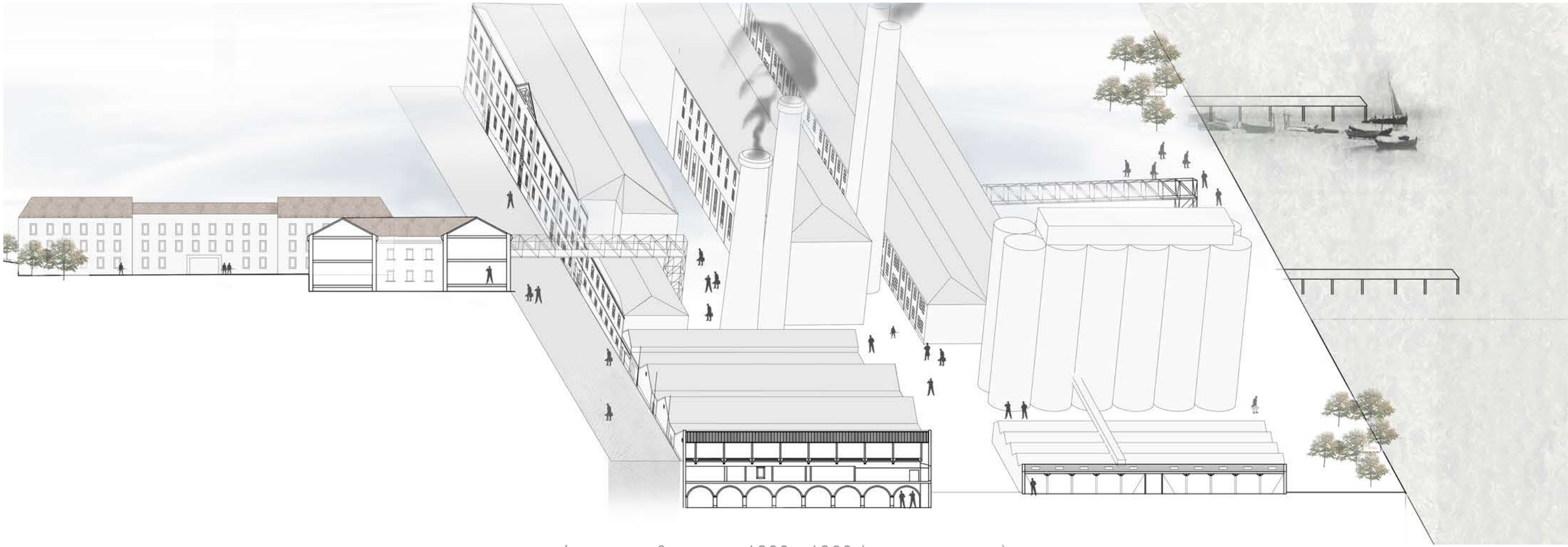
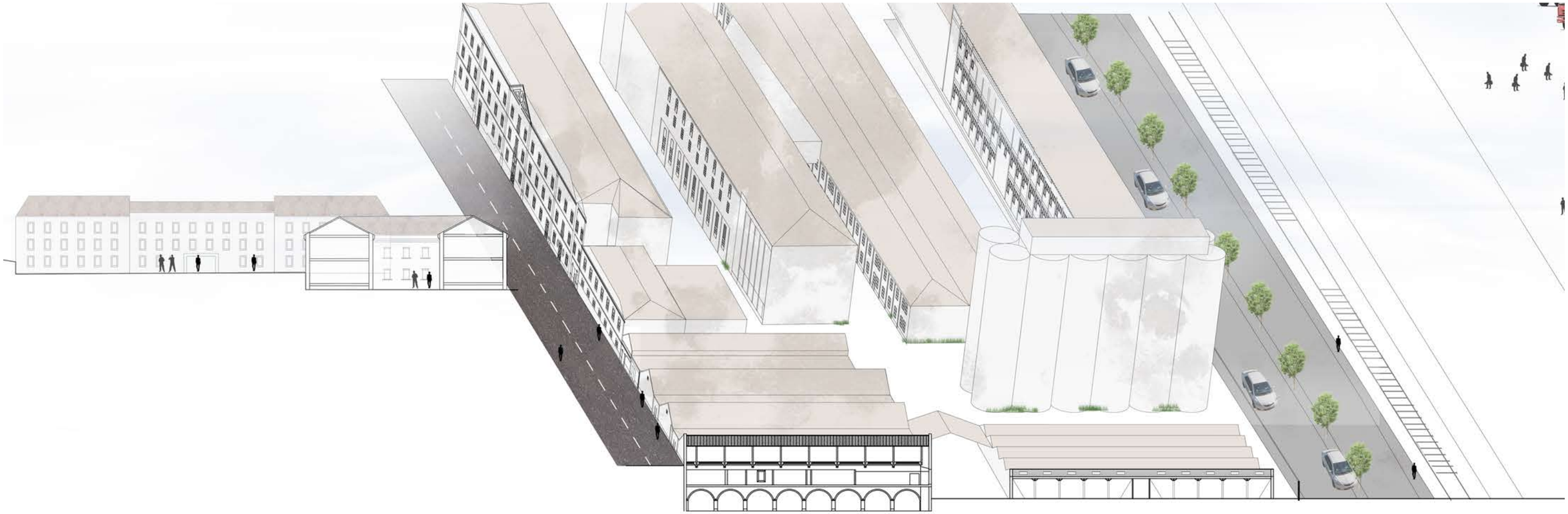
Closing
Discussion



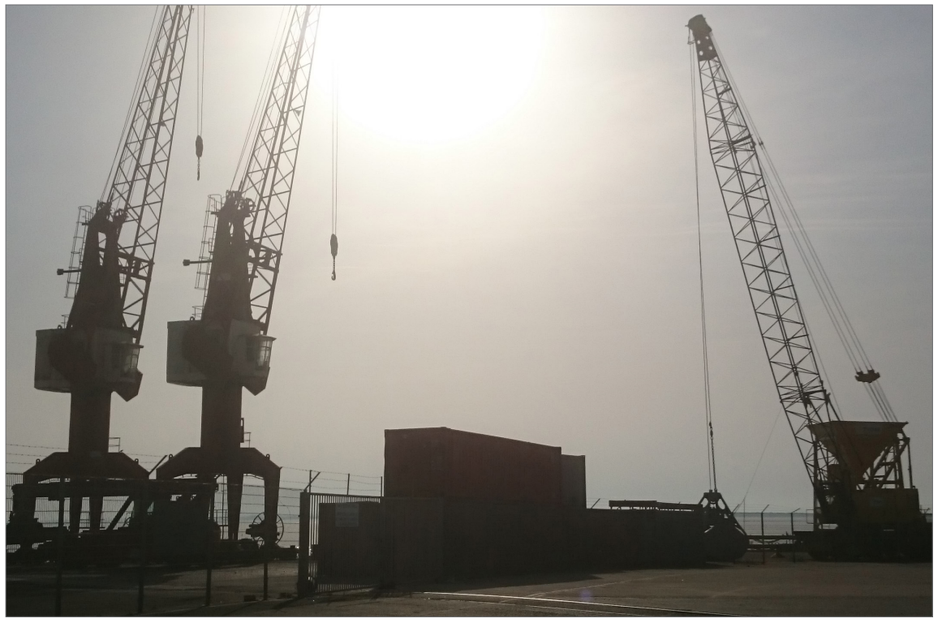
Discovery & Parish era 1600 - 1800 (groups analysis)



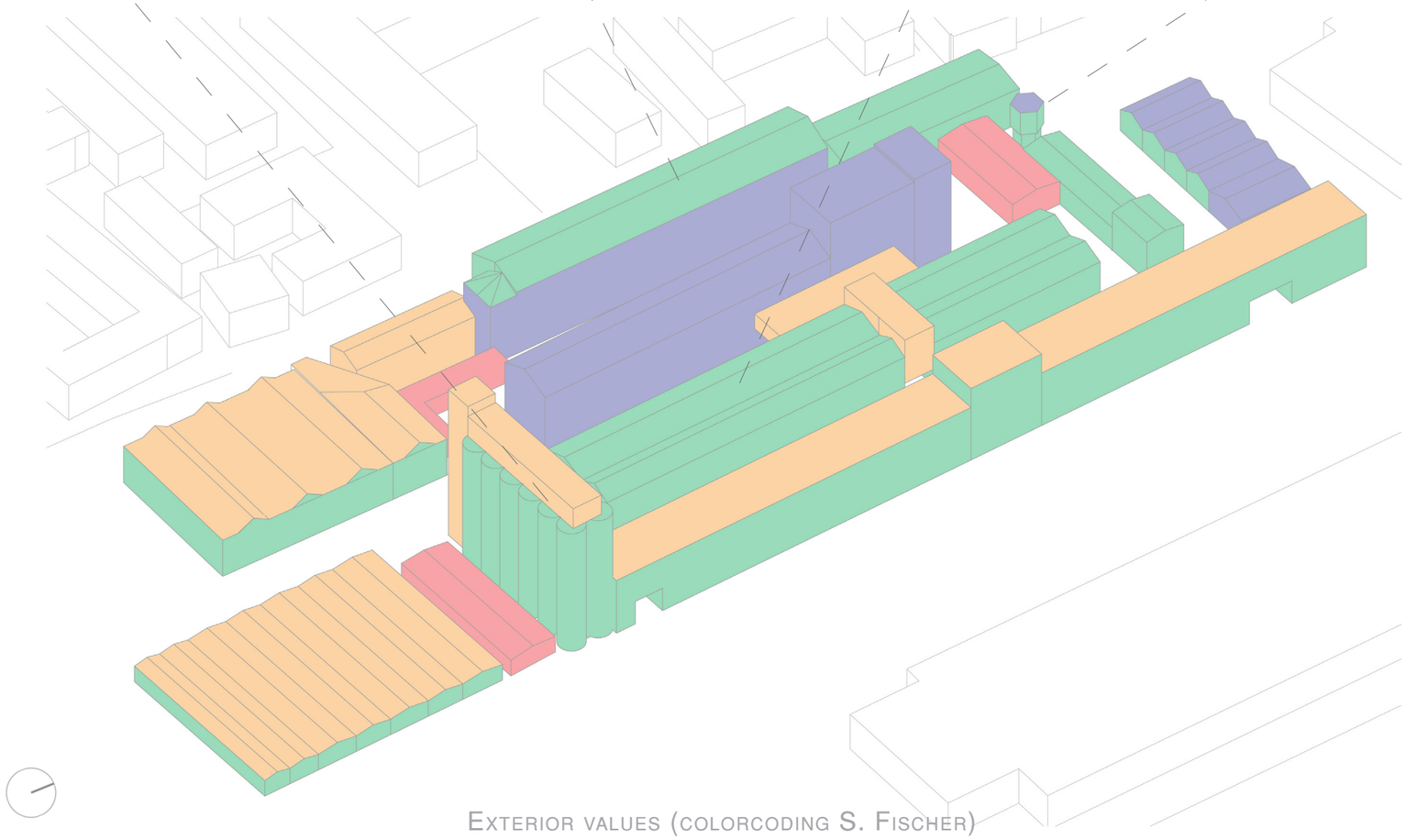
Industrial & military 1800 - 1960 (groups analysis)



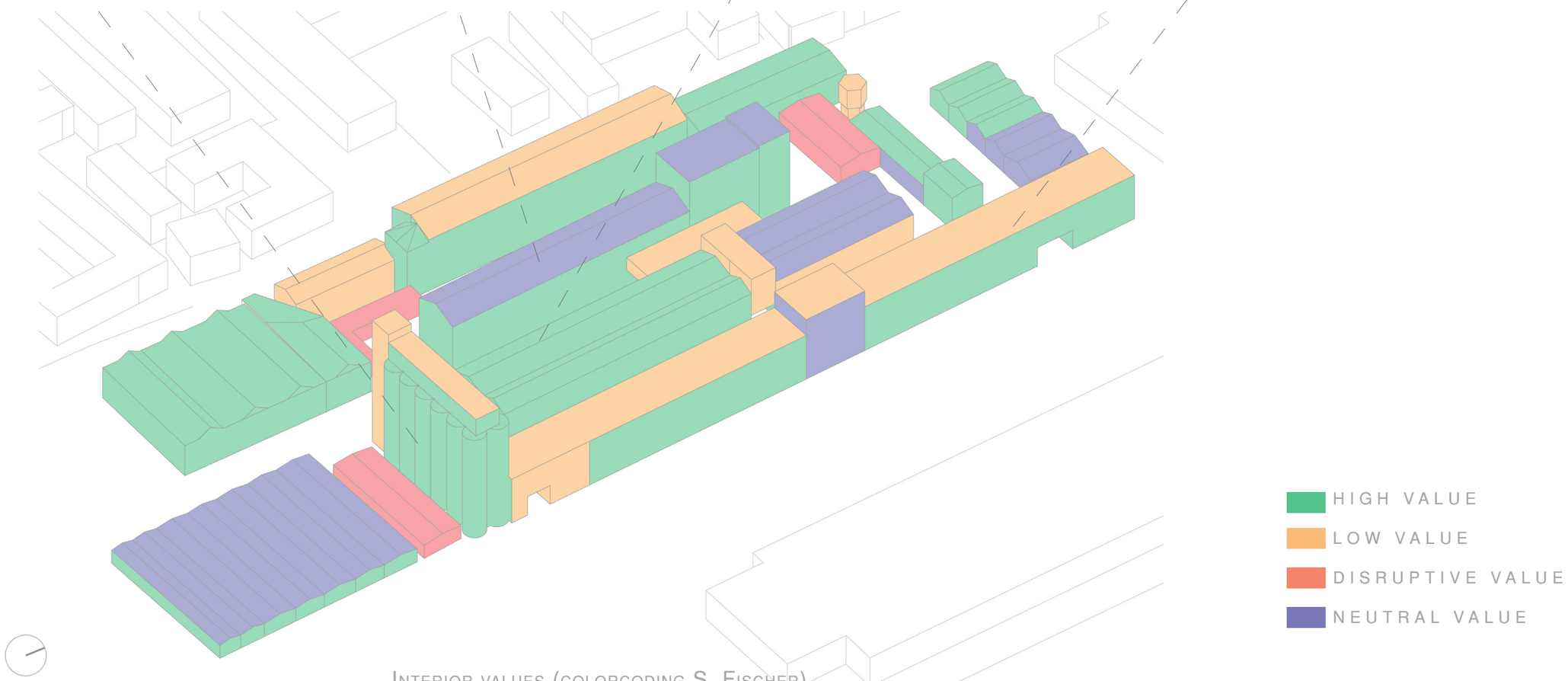
Disuse & Decay 1960 - 2015 (groups analysis)



RESTORATION OF FORMER ATMOSPHERES

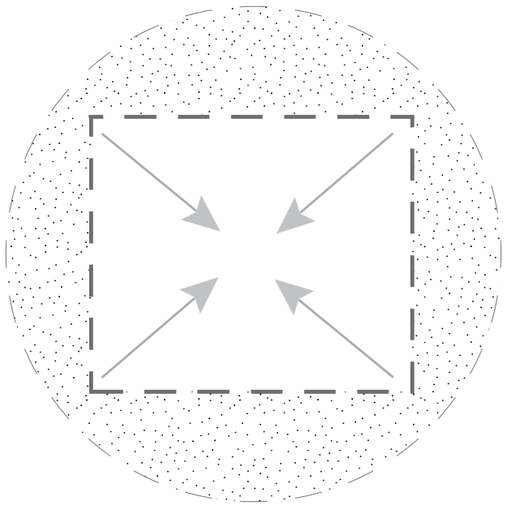


Exterior values (colorcoding S. Fischer)



Interior values (colorcoding S. Fischer)

OPENING ENCLAVE WITHOUT LOOSING ENCLOSEMENT



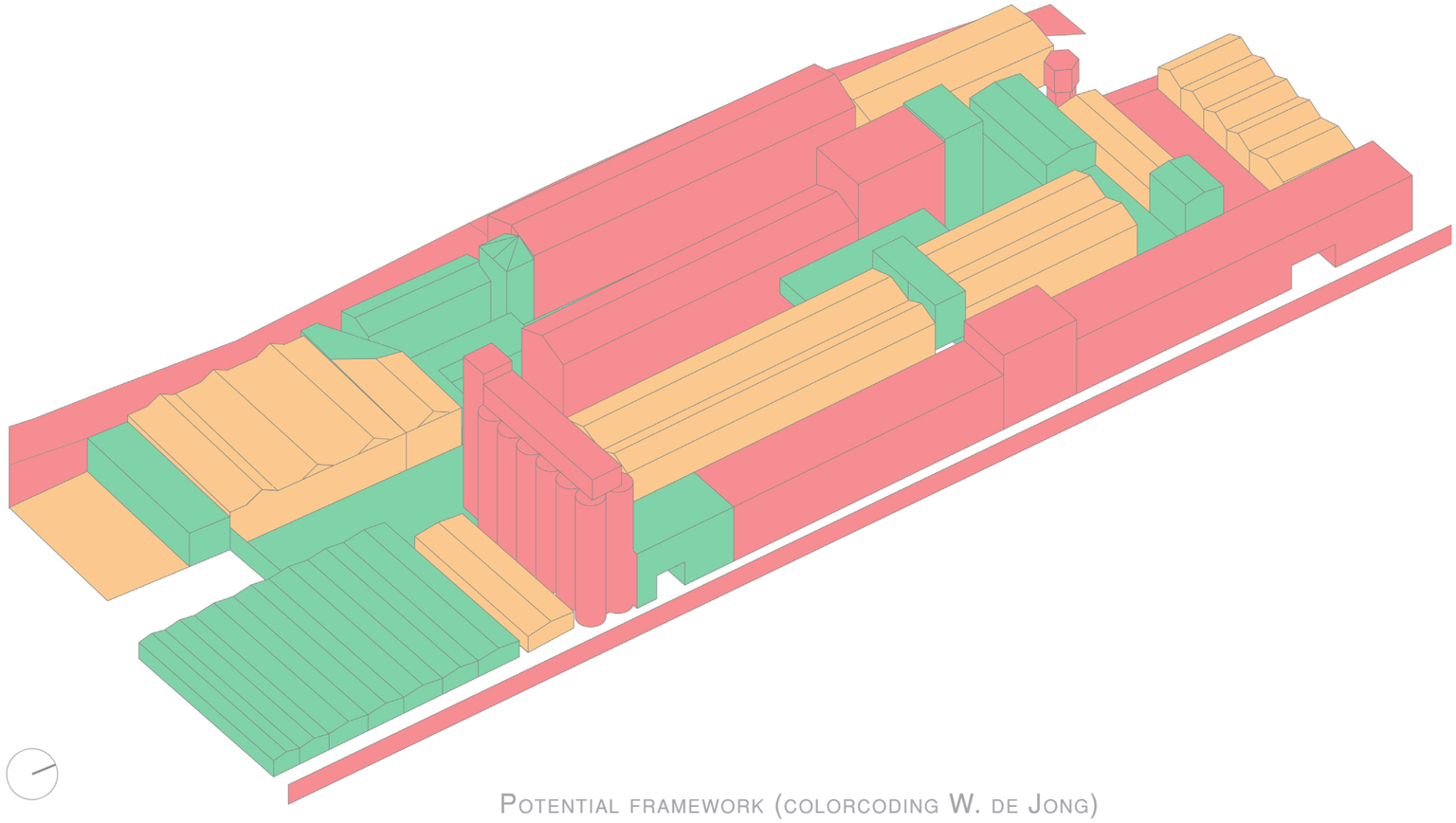
Dilemma introvert VS open up

PRESERVATION STRENGHT OF MILITARY CHARACTER

Dilemma Strenght character

MODIFICATION PRESENT TIME LAYER WITHOUT DAMAGING EXISTING

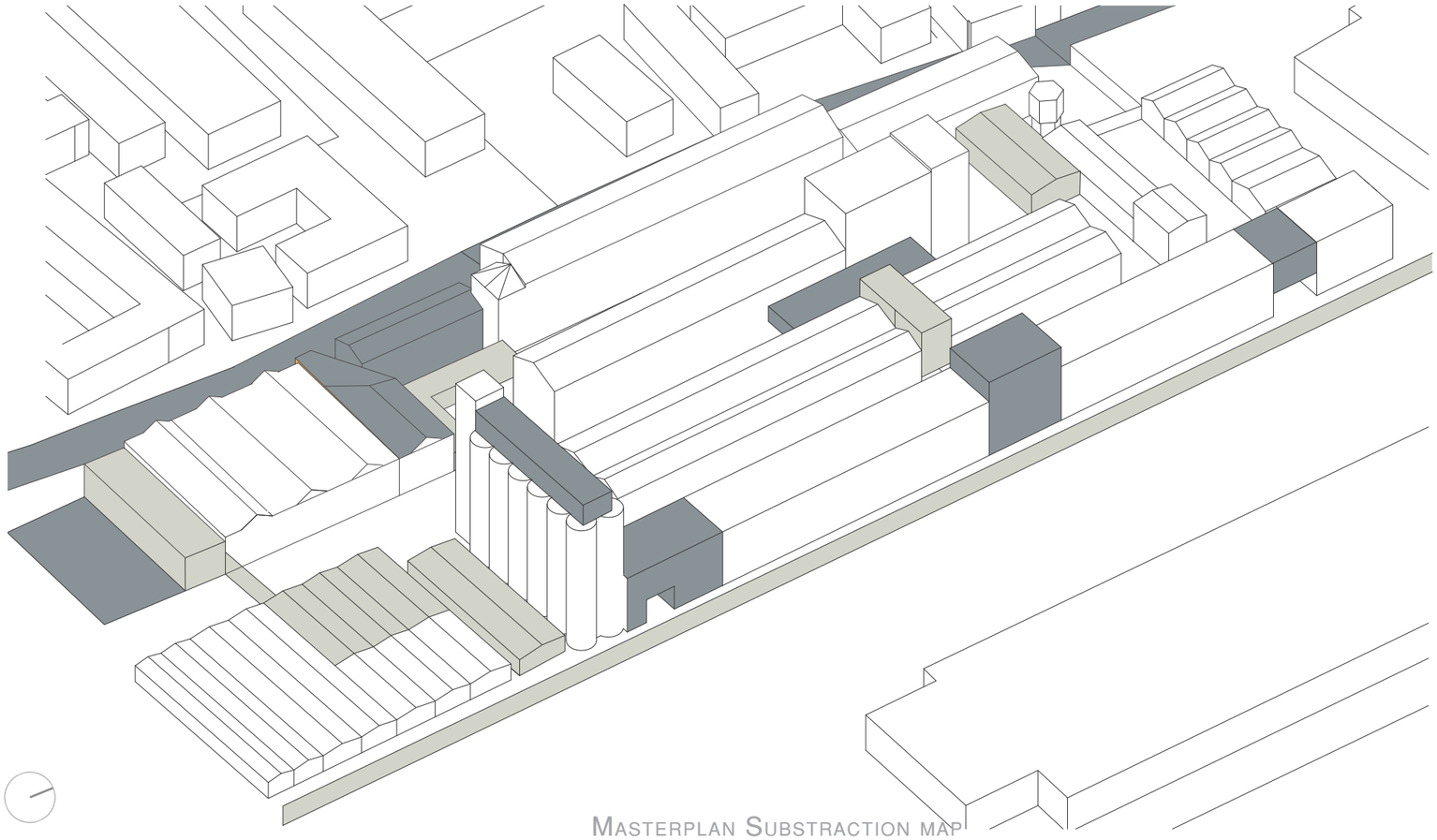
Dilemma transform time layers



HIGH POTENTIAL
MIXED POTENTIAL
LOW POTENTIAL

Potential framework (colorcoding W. de Jong)

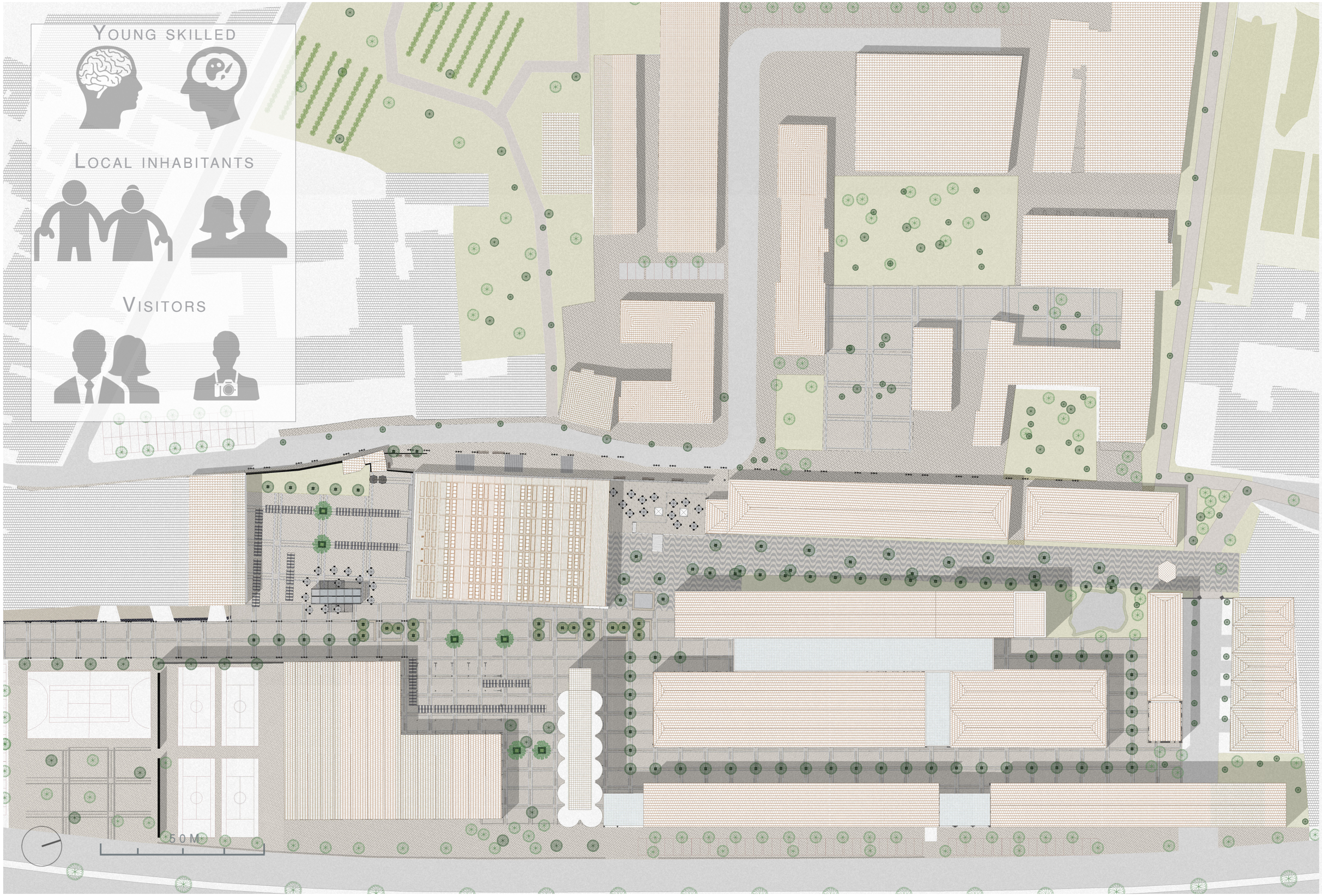
PRESERVATION STRENGHT OF MILITARY CHARACTER



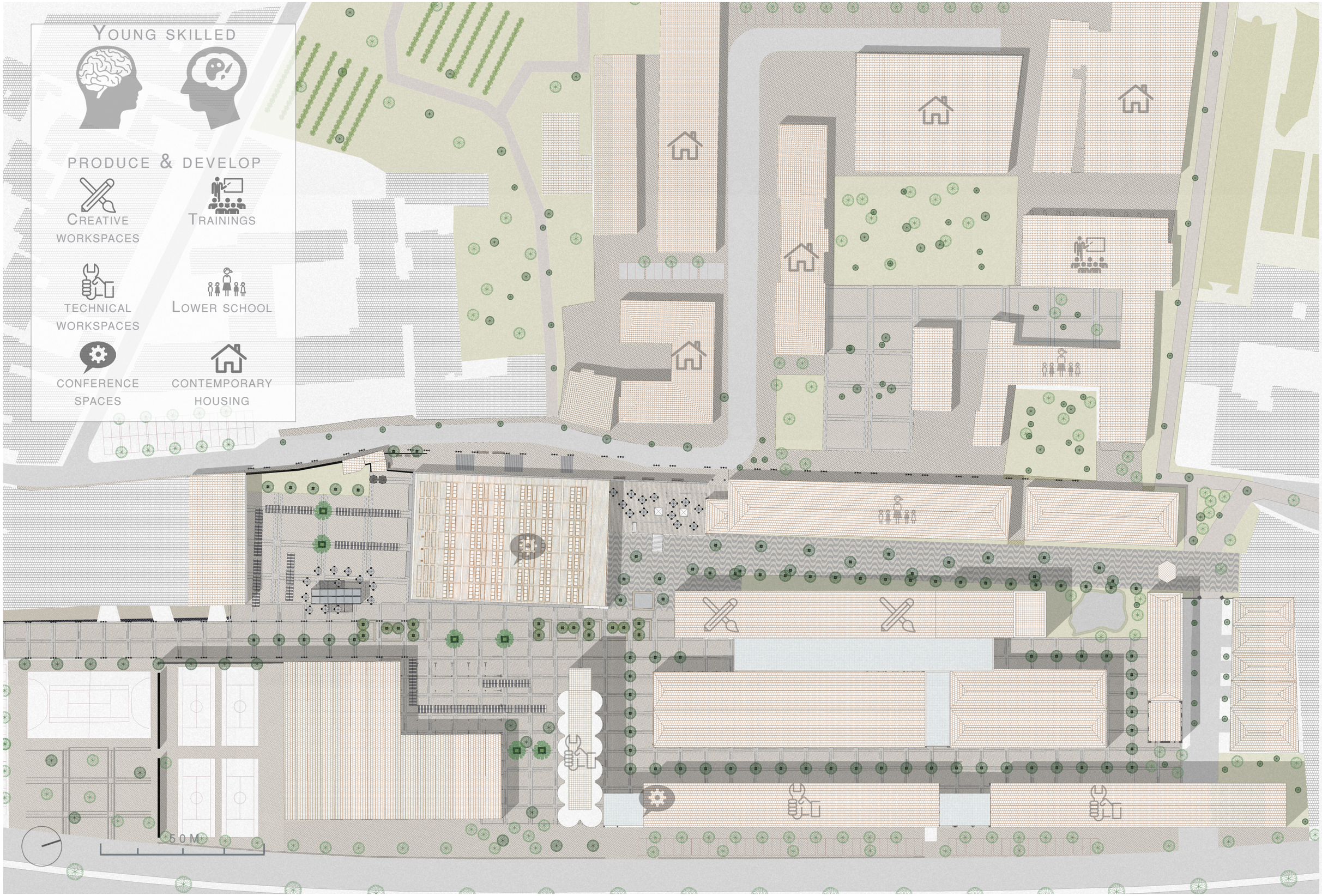
Masterplan Substraction map

SUBSTRACTION

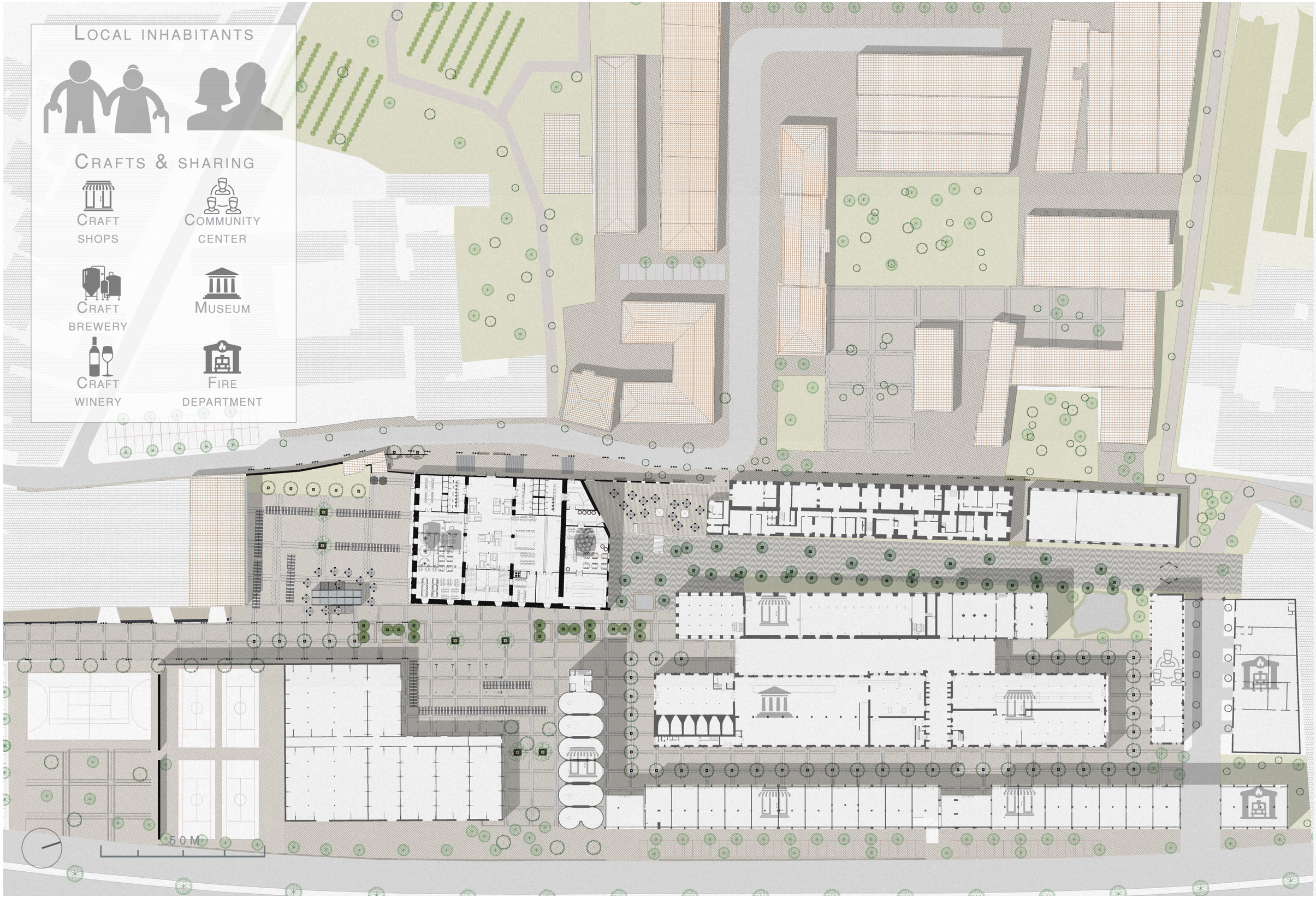
TRANSFORMED



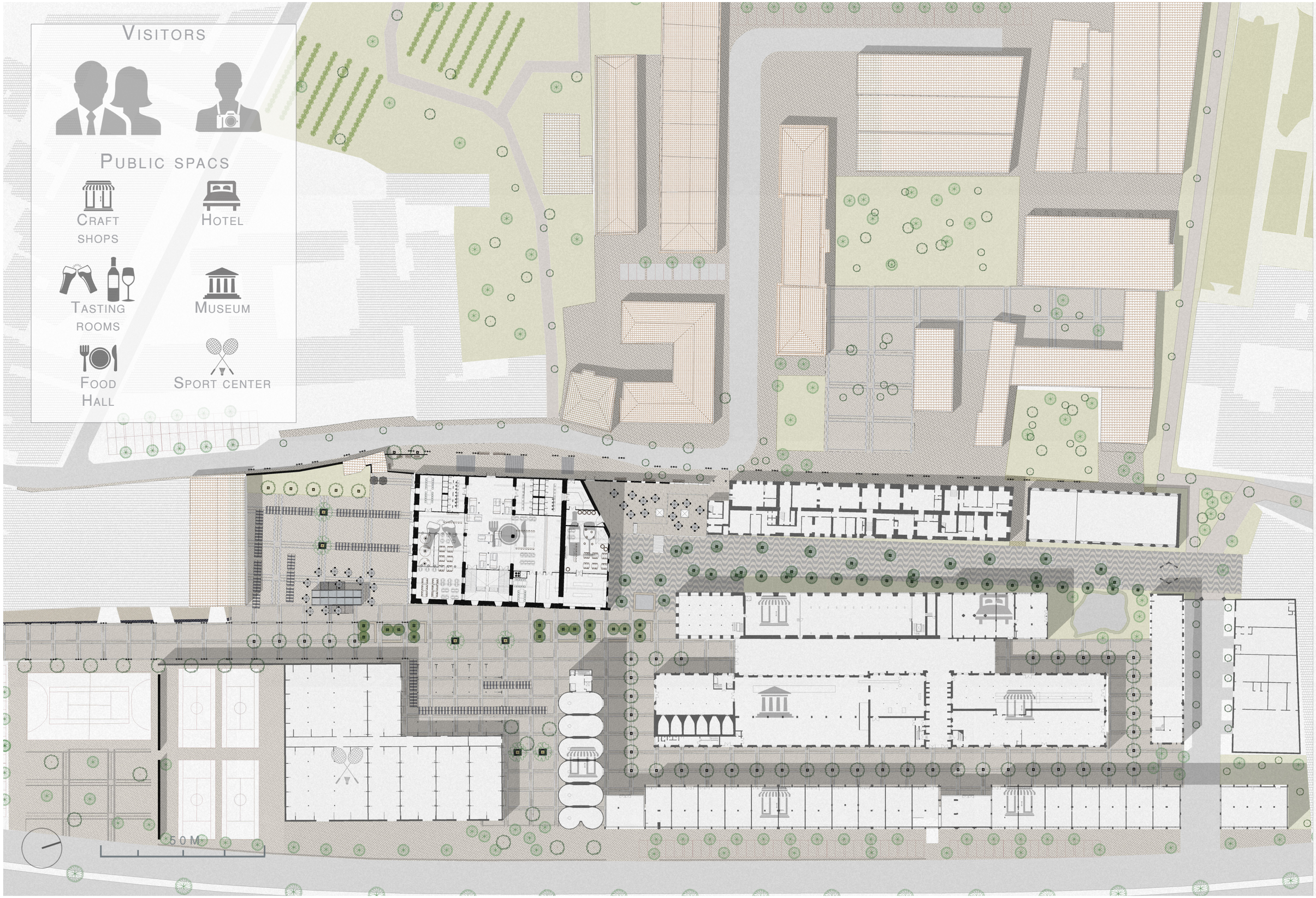
UPPER FLOOR PLAN (SEMI-PRIVATE)



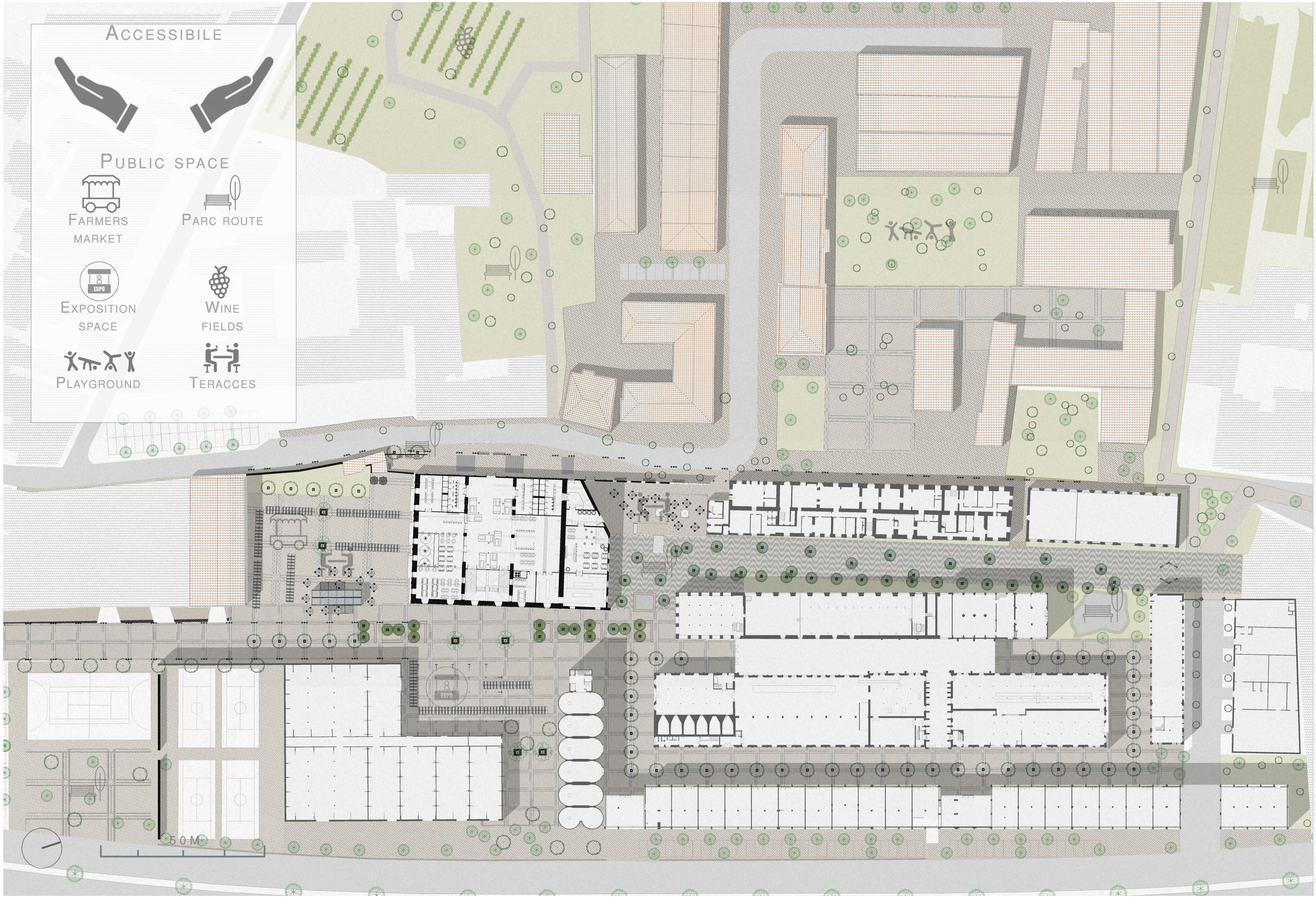
UPPER FLOOR PLAN (SEMI-PRIVATE)



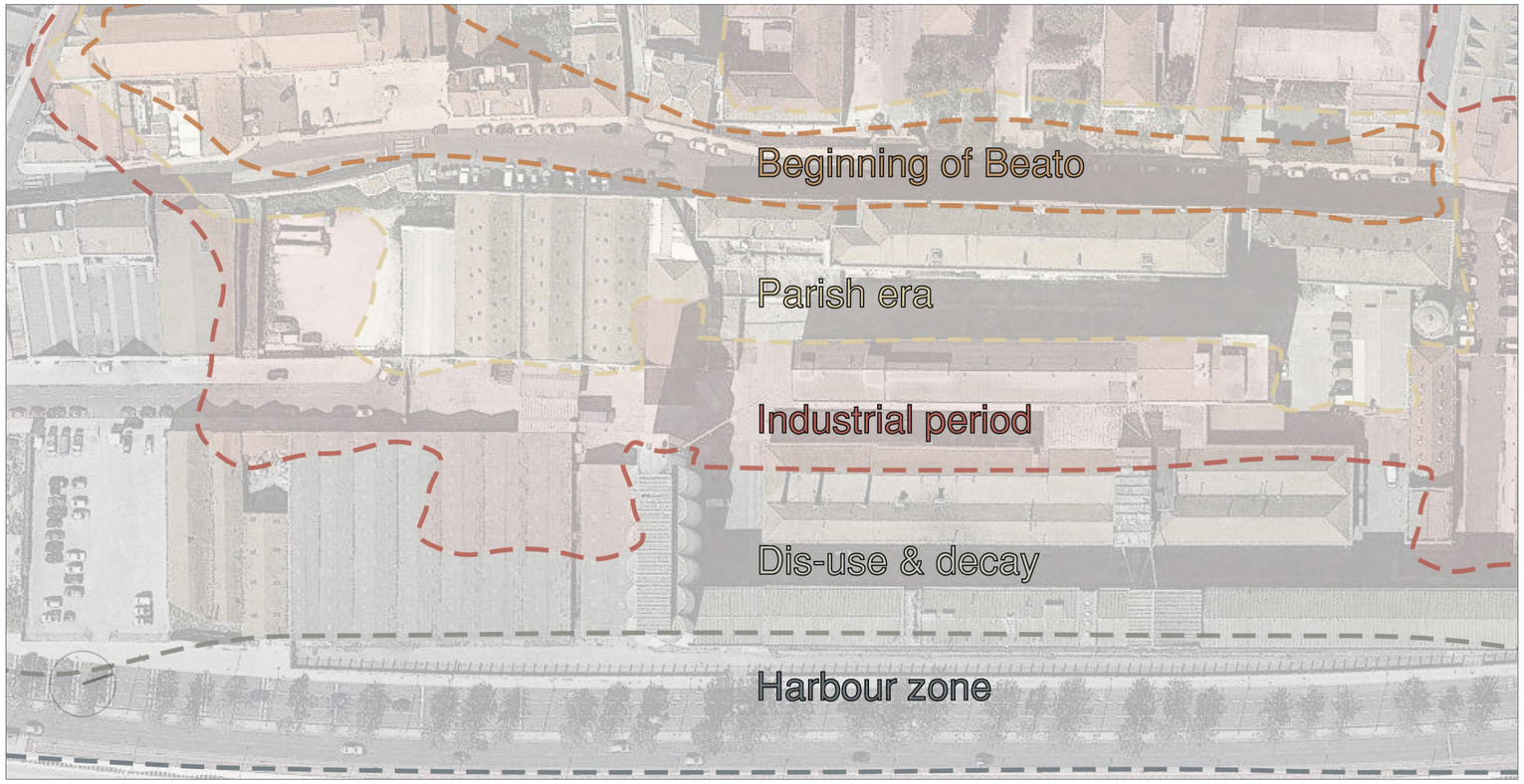
LOWER FLOOR PLAN (PUBLIC)



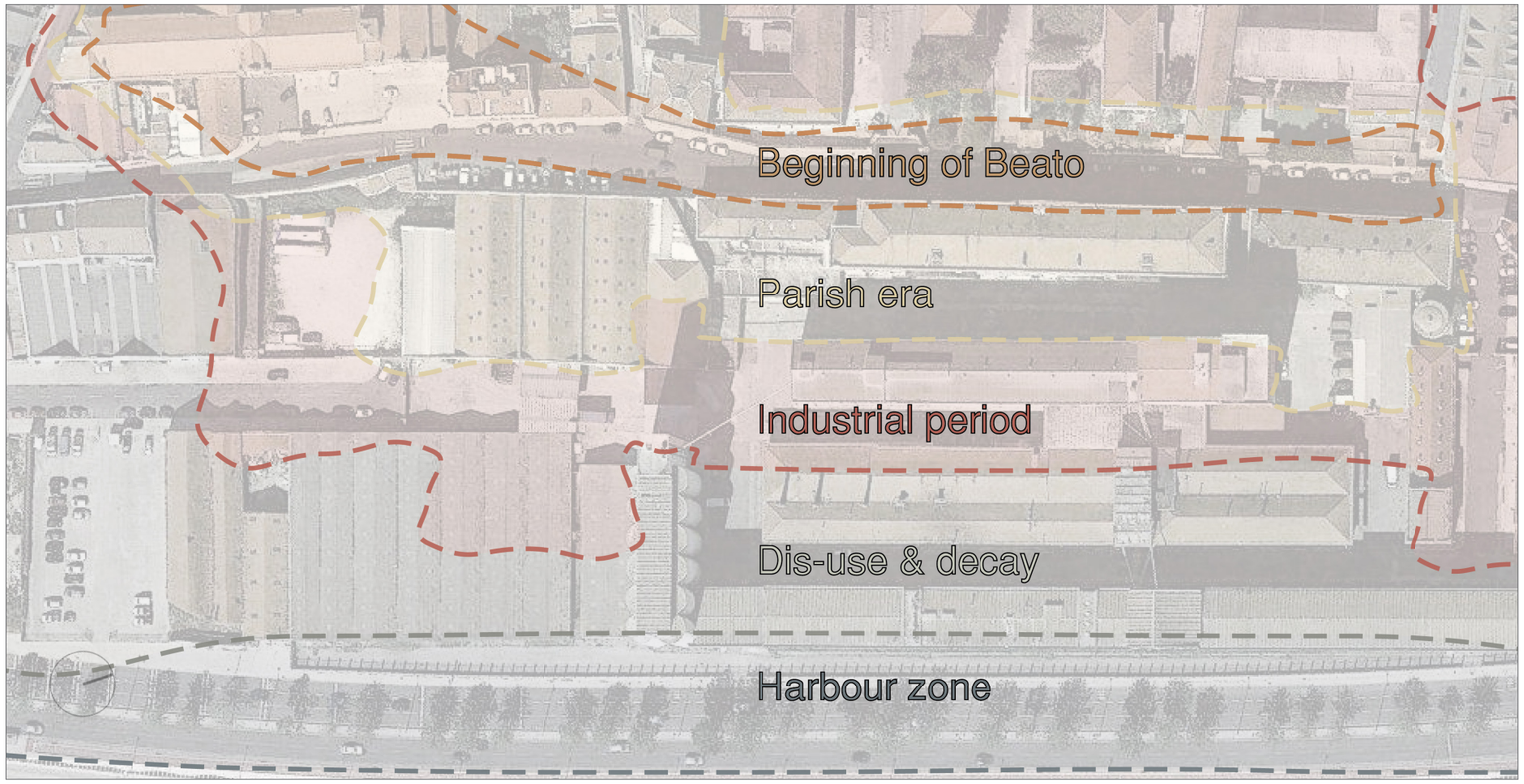
LOWER FLOOR PLAN (PUBLIC)



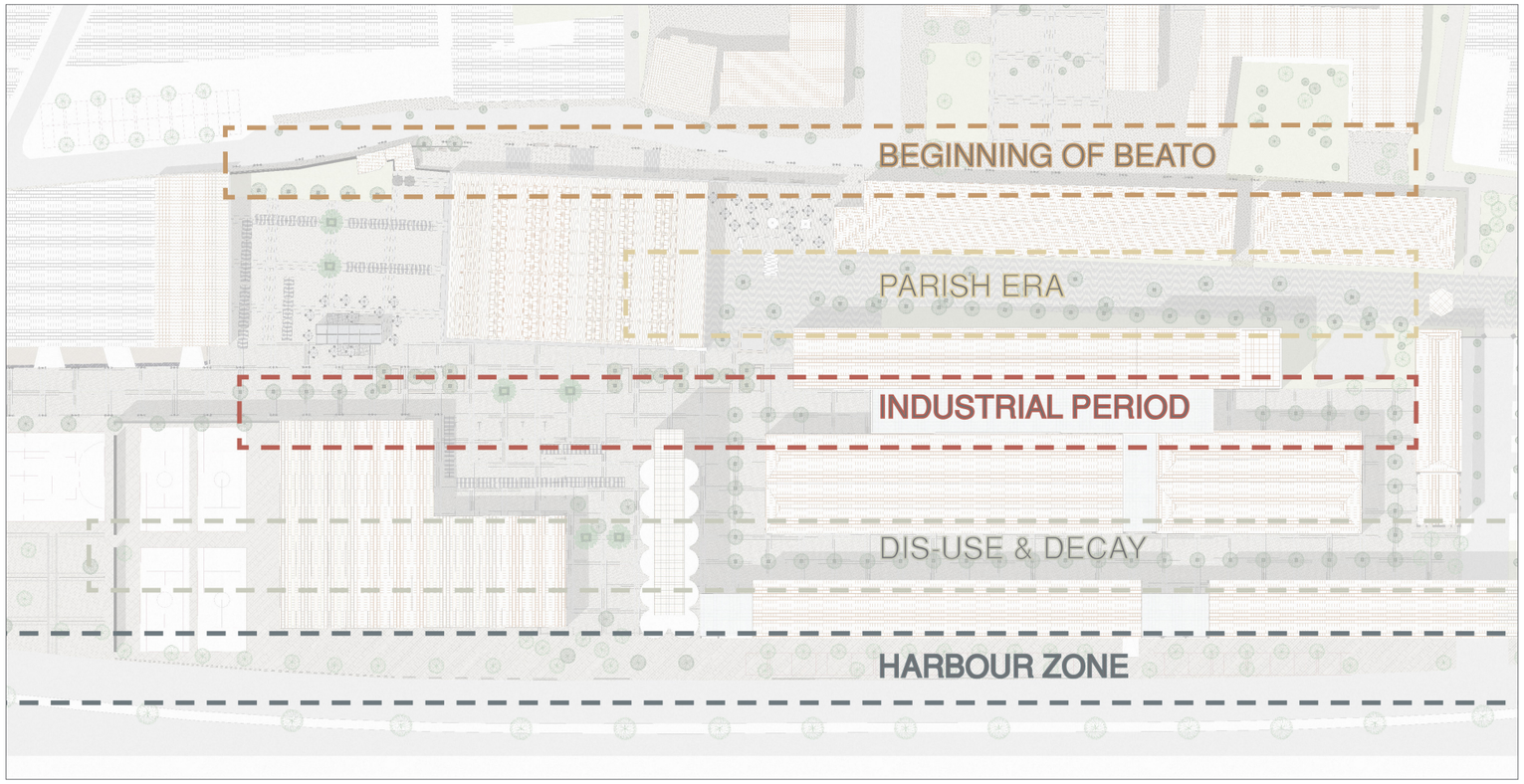
LOWER FLOOR PLAN (PUBLIC)



CONCEPT TIME LAYERS



CONCEPT TIME LAYERS



CONCEPT TIME LAYERS NEW VERSION

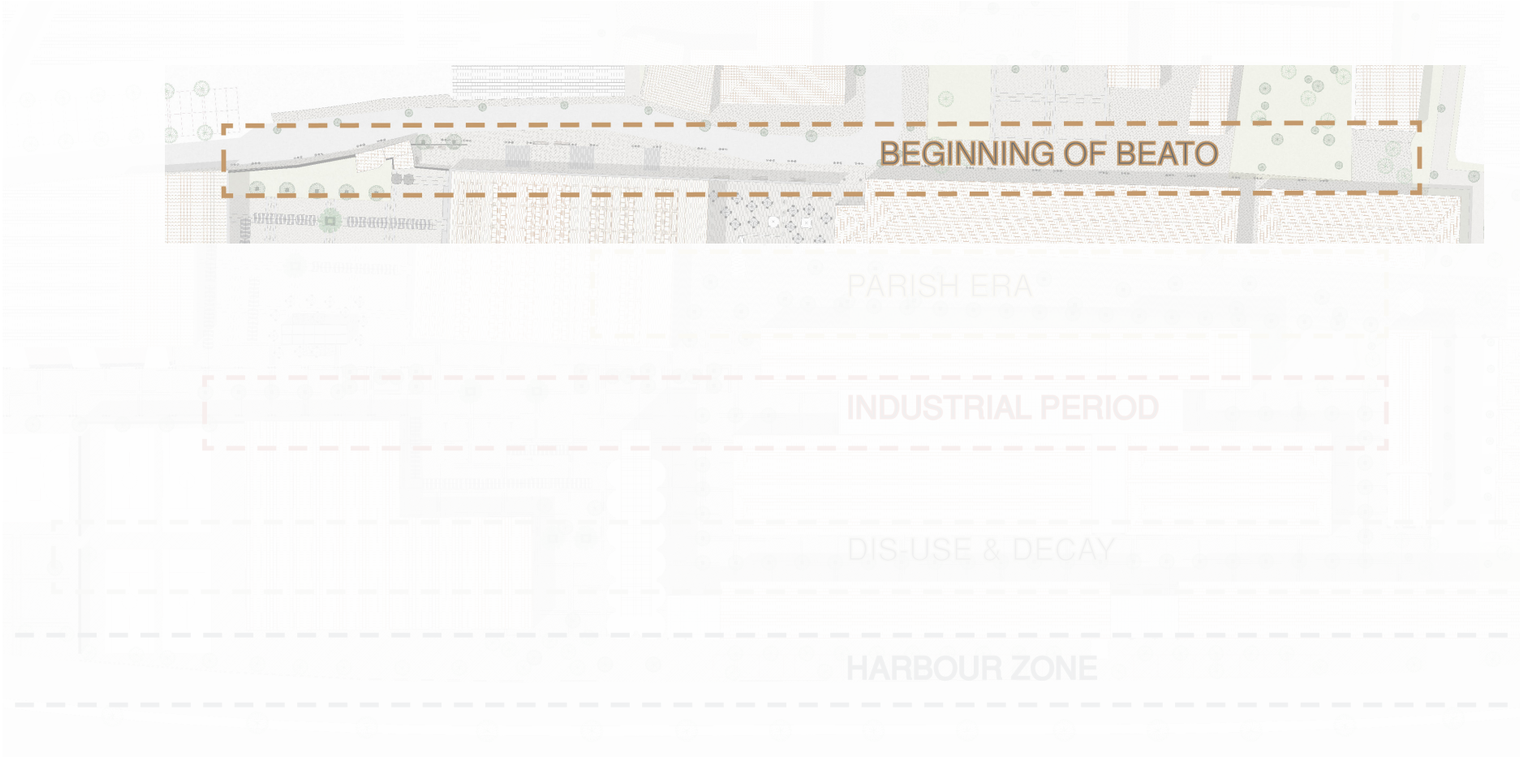
25M

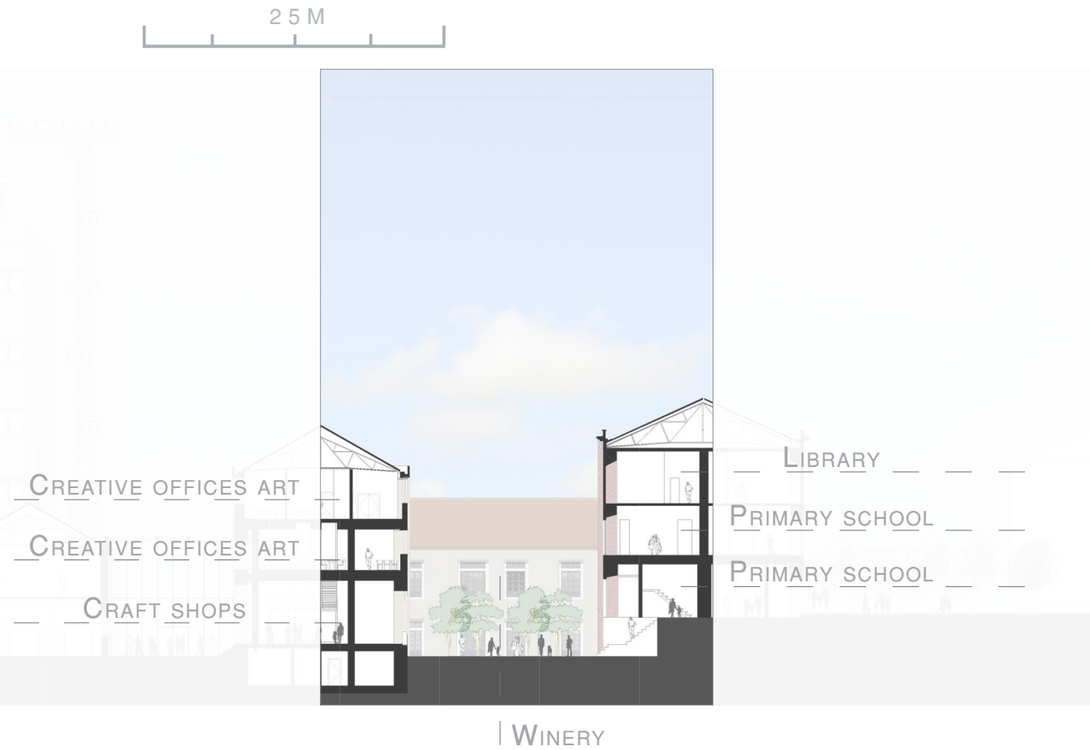
SECTION TOWARDS SOUTH

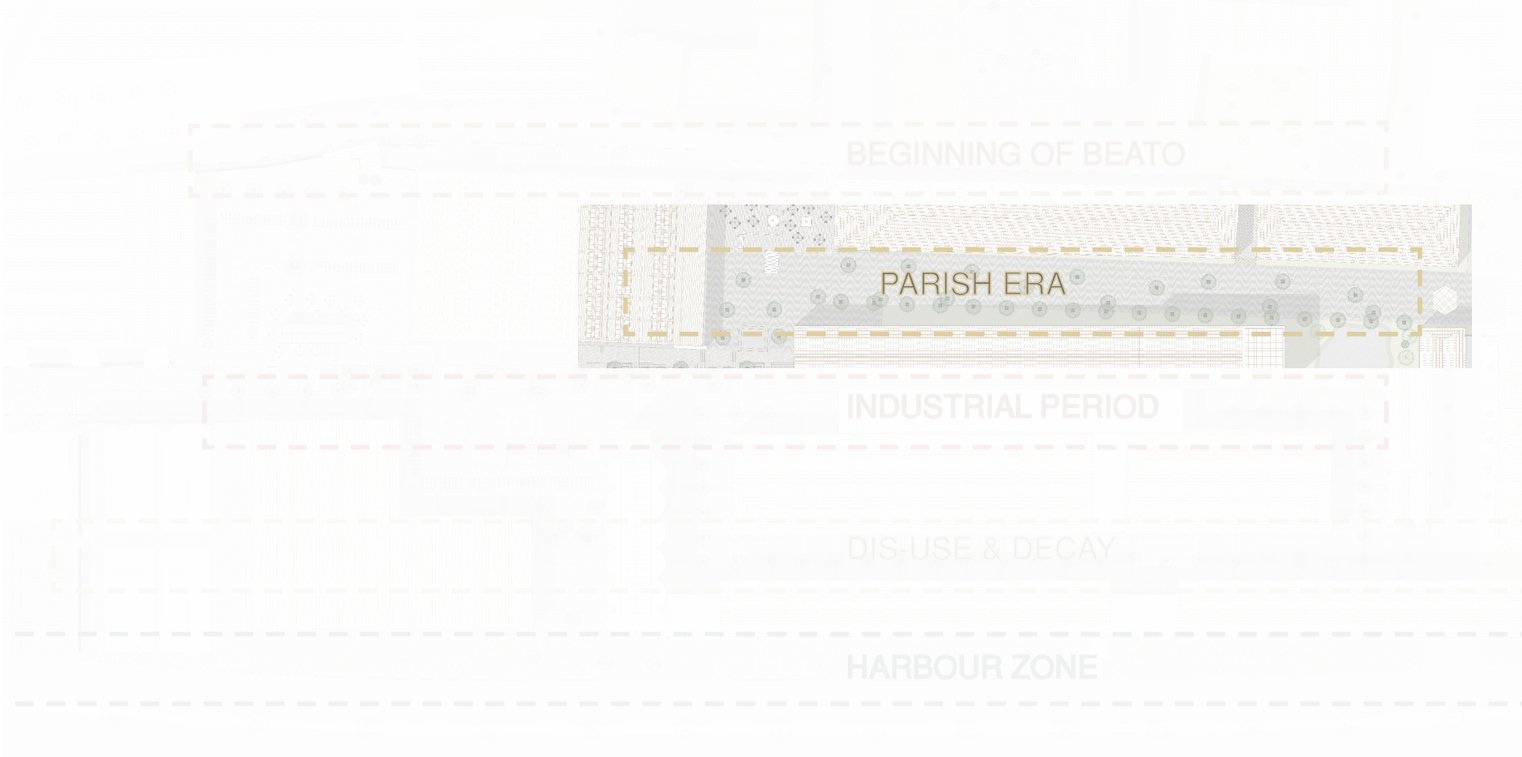
LOCATION SECTION

25M

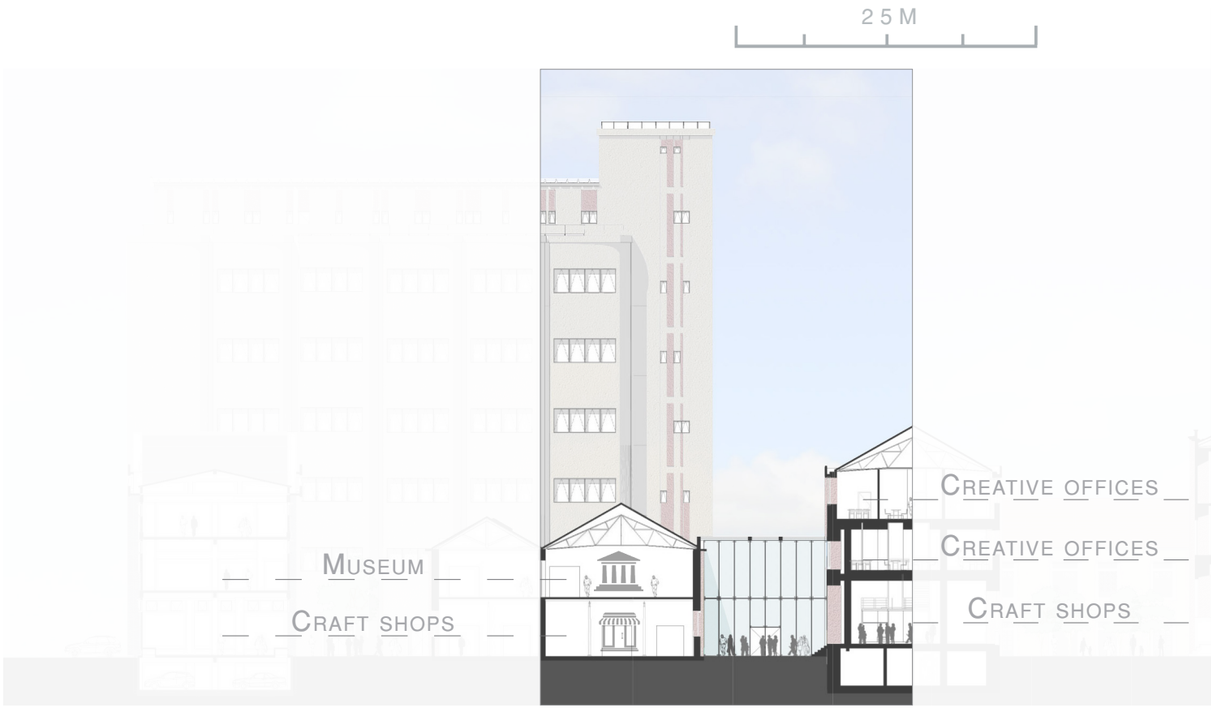

LIBRARY
PRIMARY SCHOOL
PRIMARY SCHOOL
CONTEMPORARY HOUSING

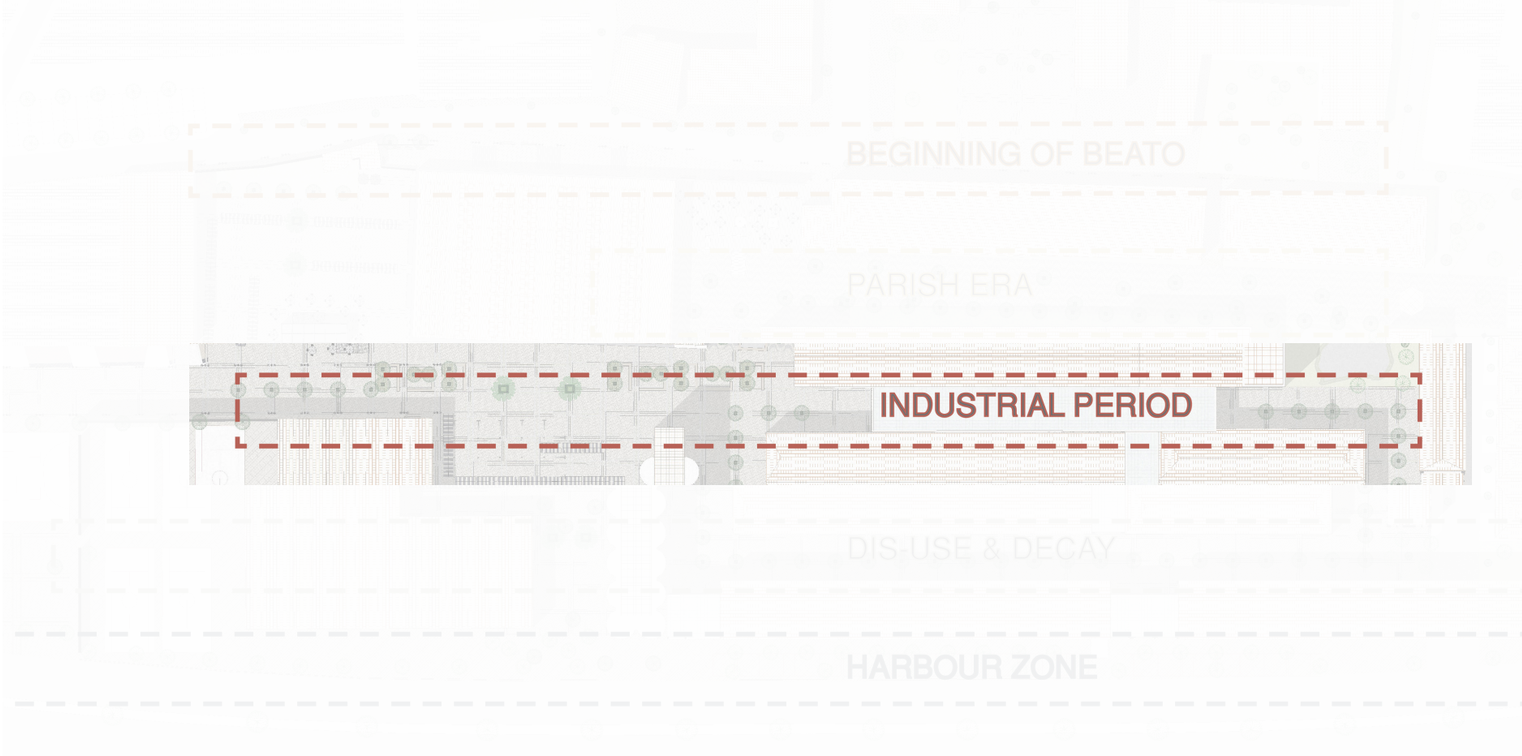

BEGINNING OF BEATO
PARISH ERA
INDUSTRIAL PERIOD
DIS-USE & DECAY
HARBOUR ZONE



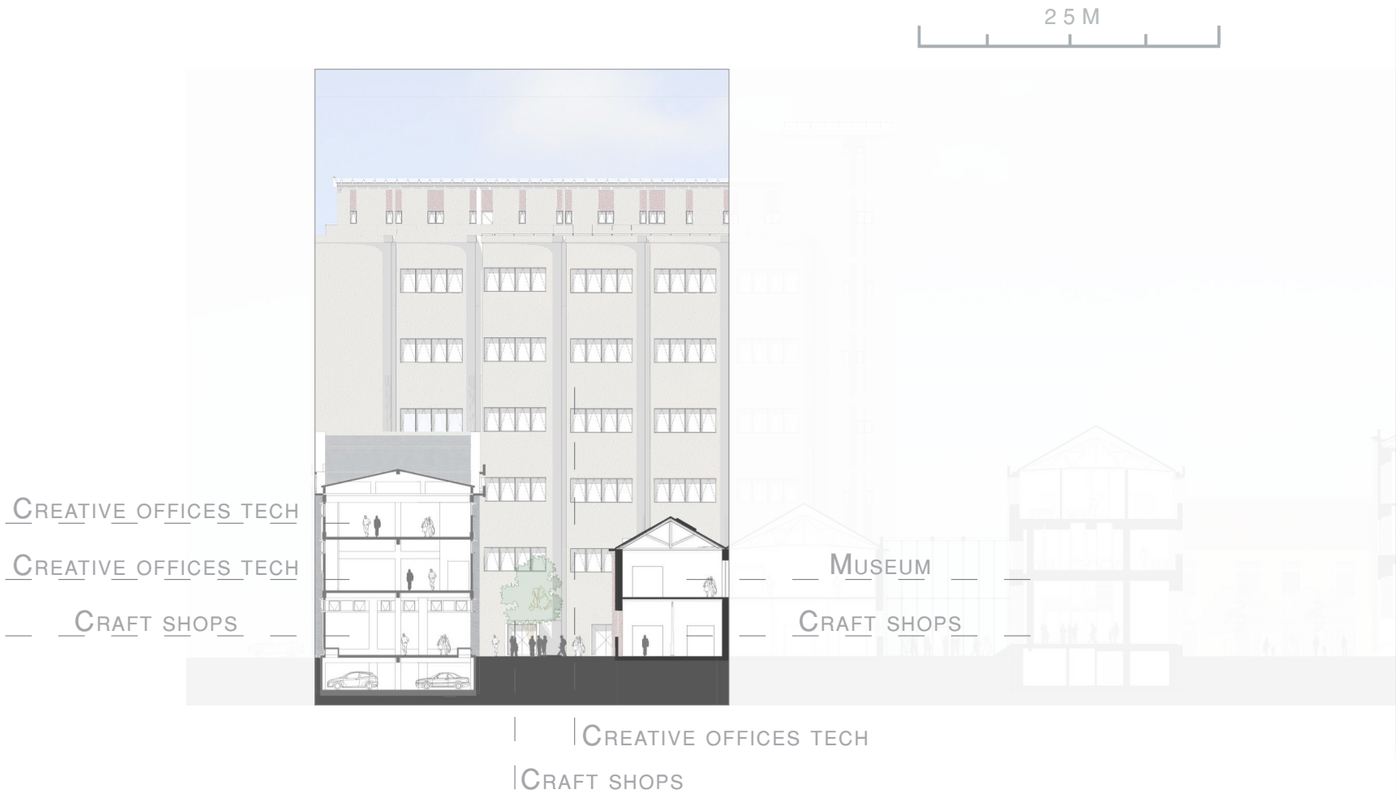


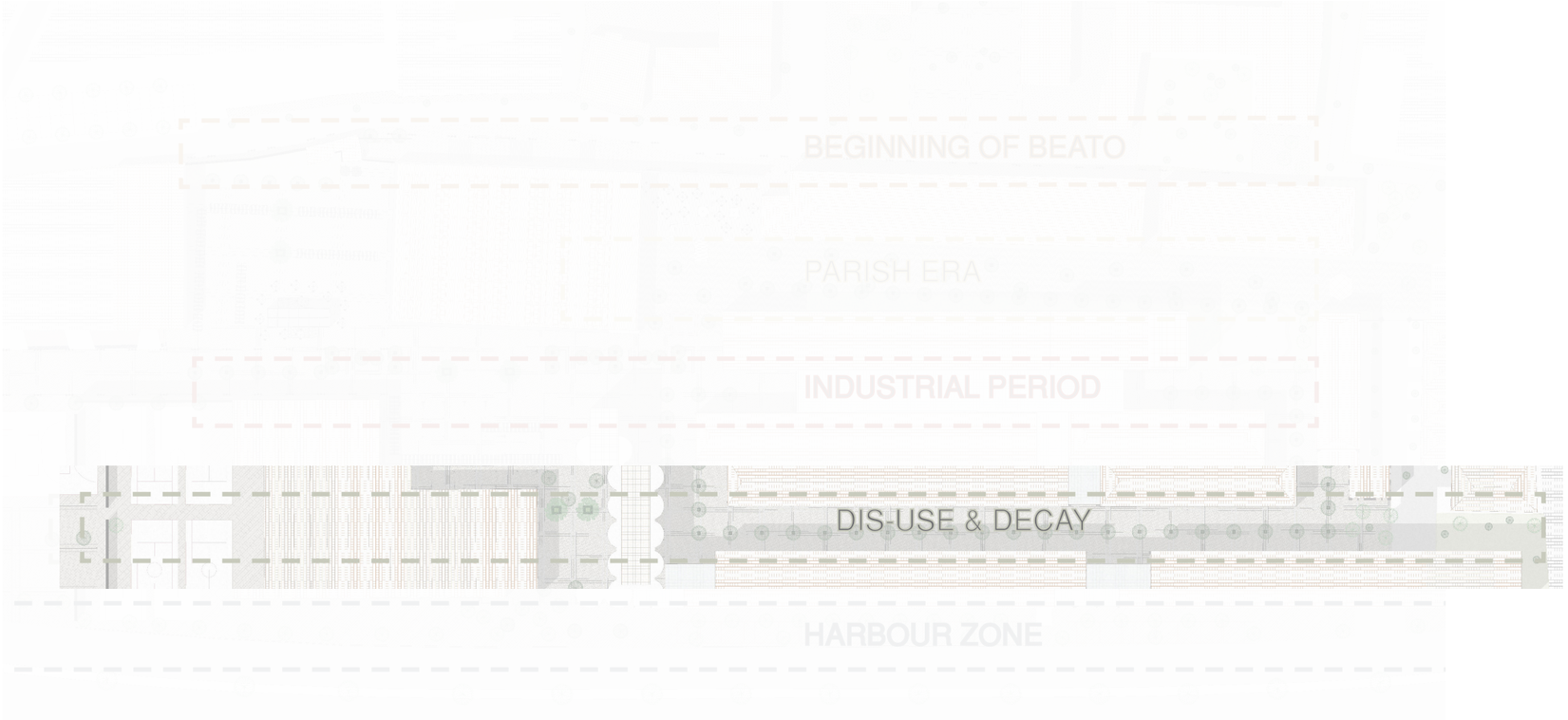
TIME LAYERS IN DESIGN





Time layers in design

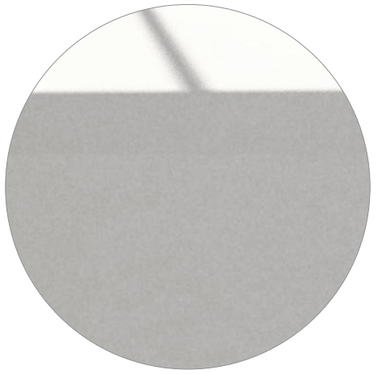




TIME LAYERS IN DESIGN







THE MEETING SPOT

ENJOYING & UNITING IN THE PUBLIC REALM

Introduciton

Research method
Workshop
City impression
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Research & analysis

Social values
Strategy
Social cohesion

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References
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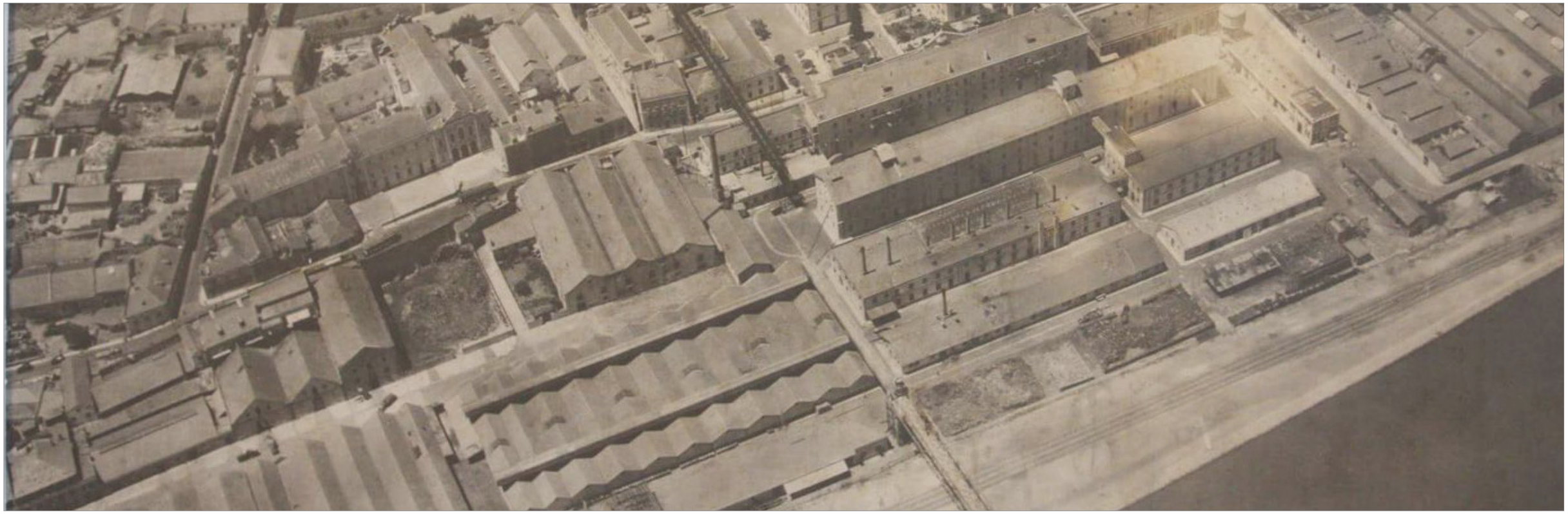
Climate design

Conclusion

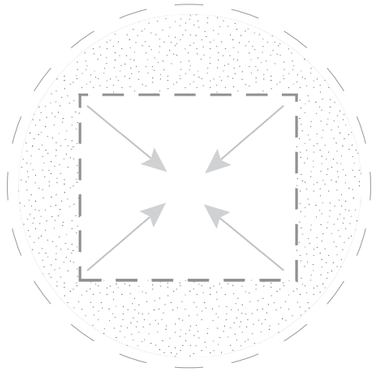
Reflection
Closing
Discussion

Local workers, 20th century

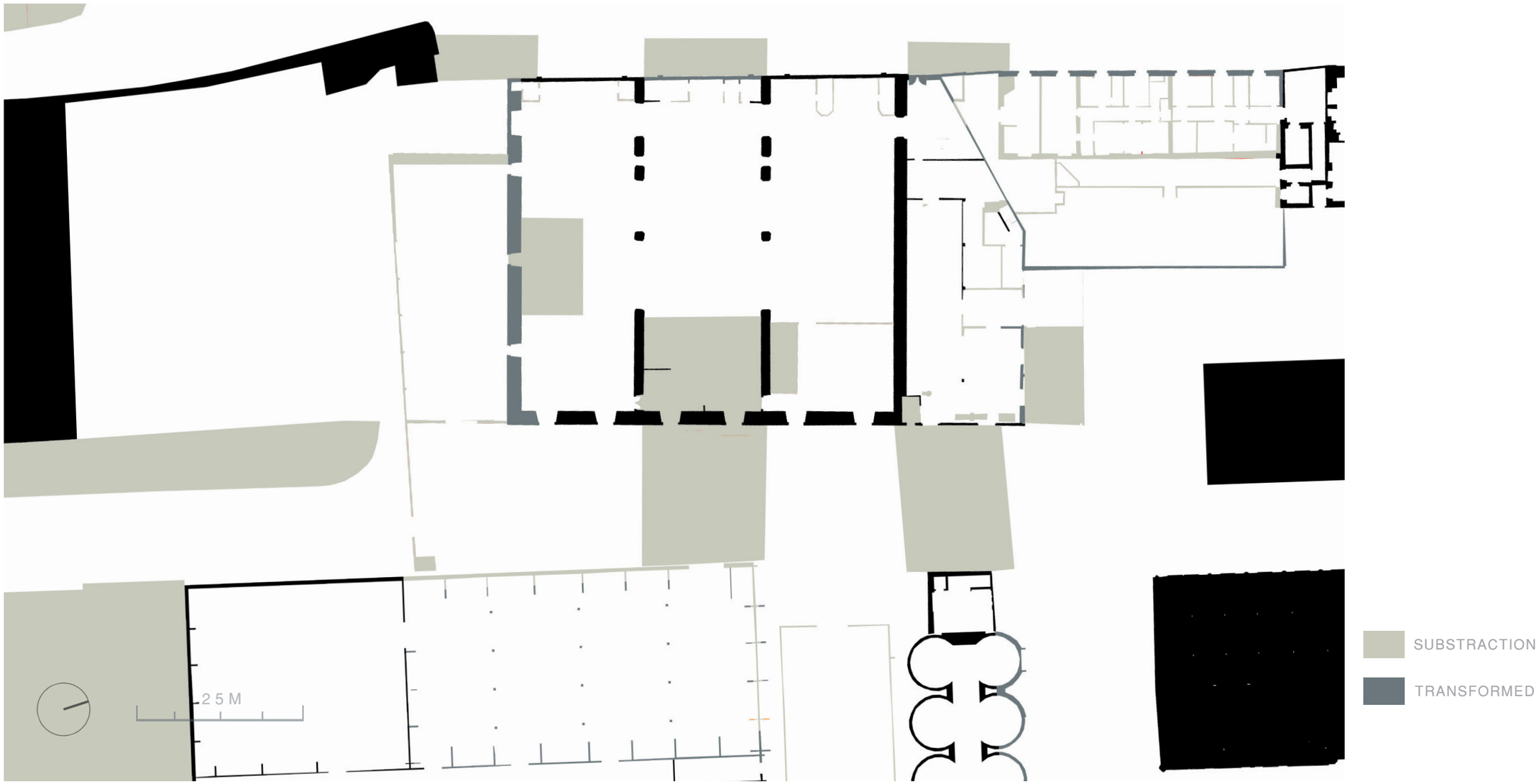
Border around MMC



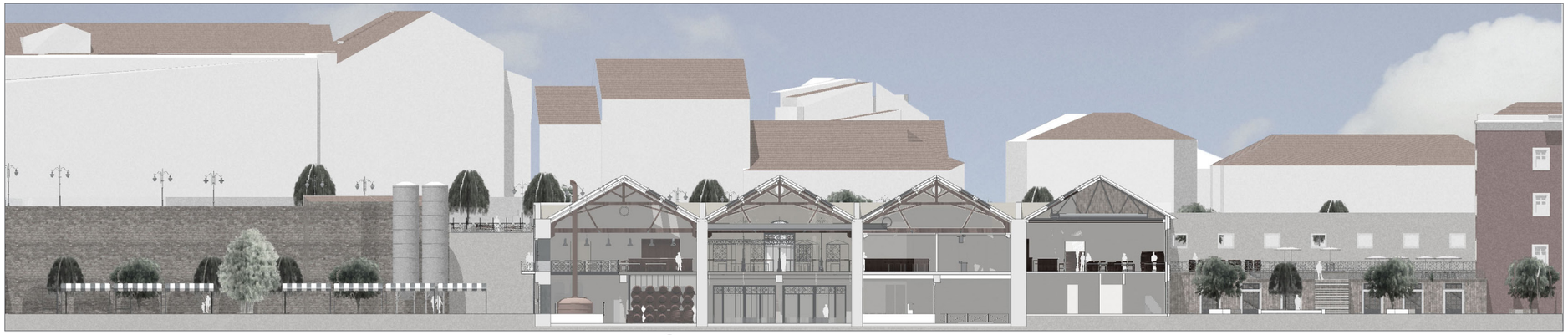
Military era MMC, 20th century



OPENING ENCLAVE WITHOUT LOOSING ENCLOSEMENT



Ensemble Substraction map

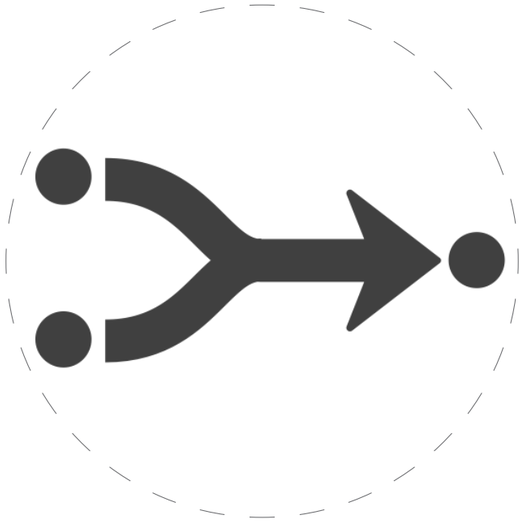


SECTION TOWARDS WEST

ENSEMBLE GROUND FLOOR PLAN

SHARED PUBLIC SPACES

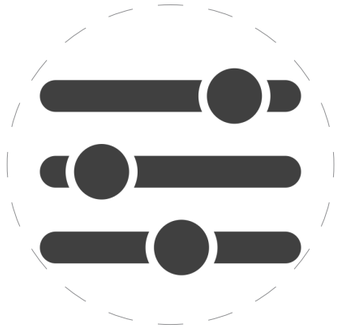
CLEAR ROUTE



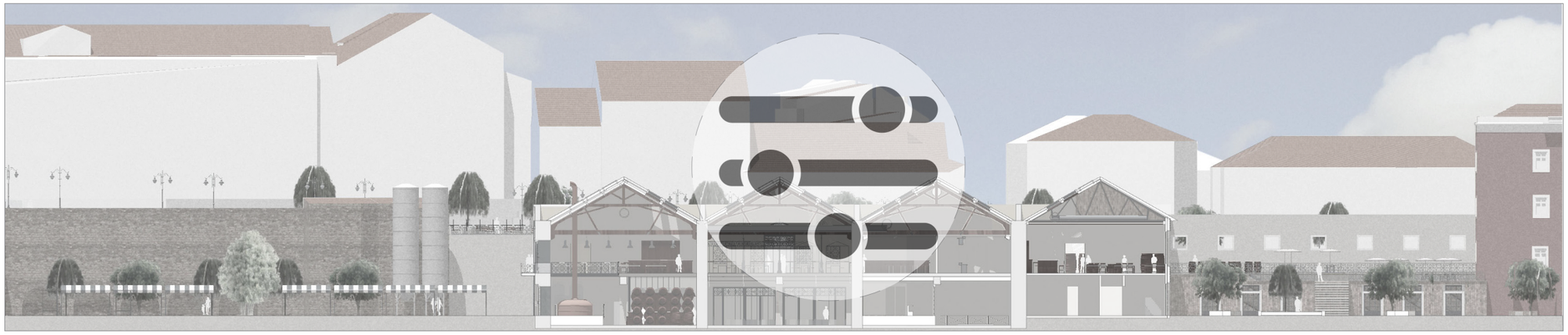
SOCIAL COHESION

FEELING OF SAFETY

PREVENT EXCLUSION OF LOWER CLASS



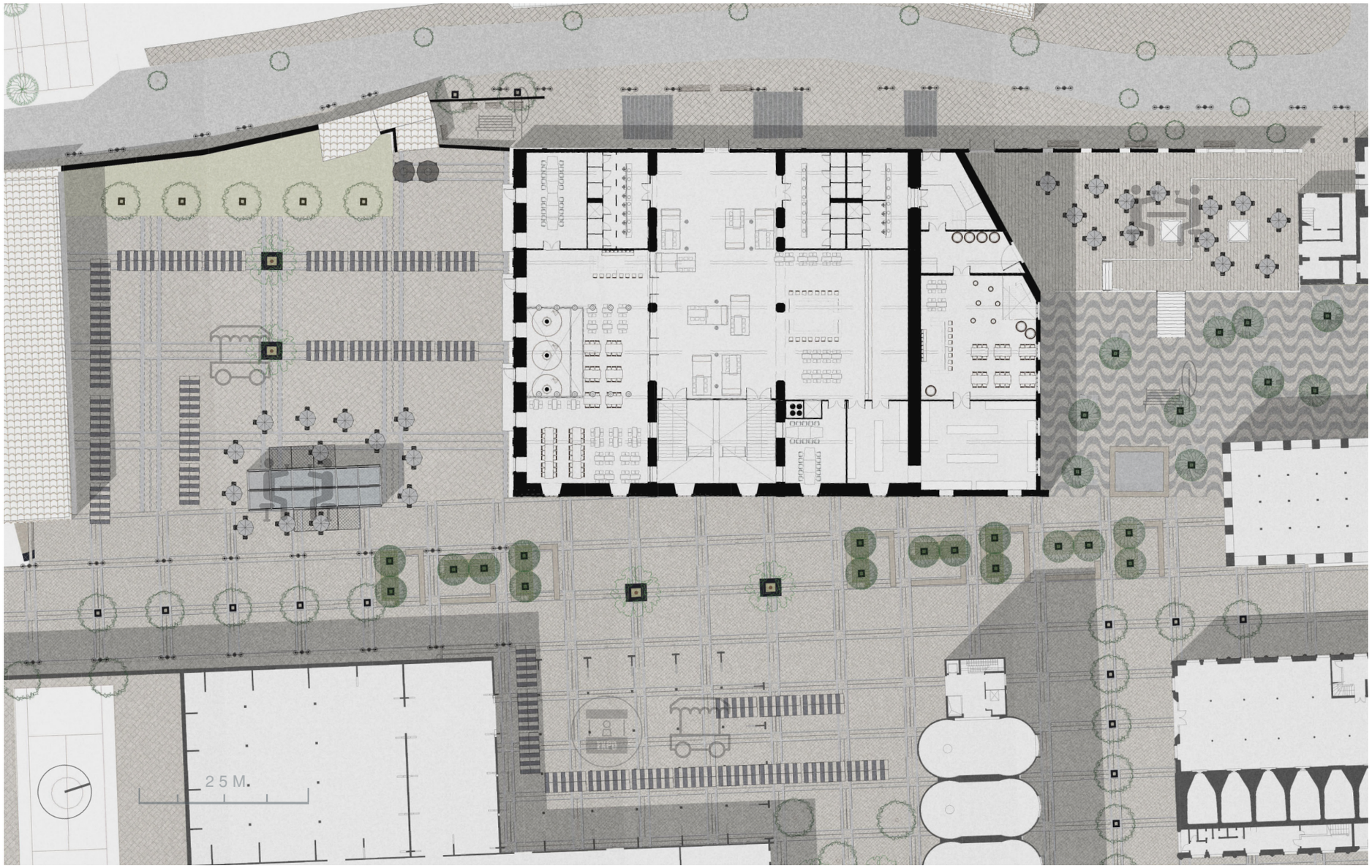
POSSIBILITY TO DO YOUR OWN THING



POSSIBILITY TO DO YOUR OWN THING

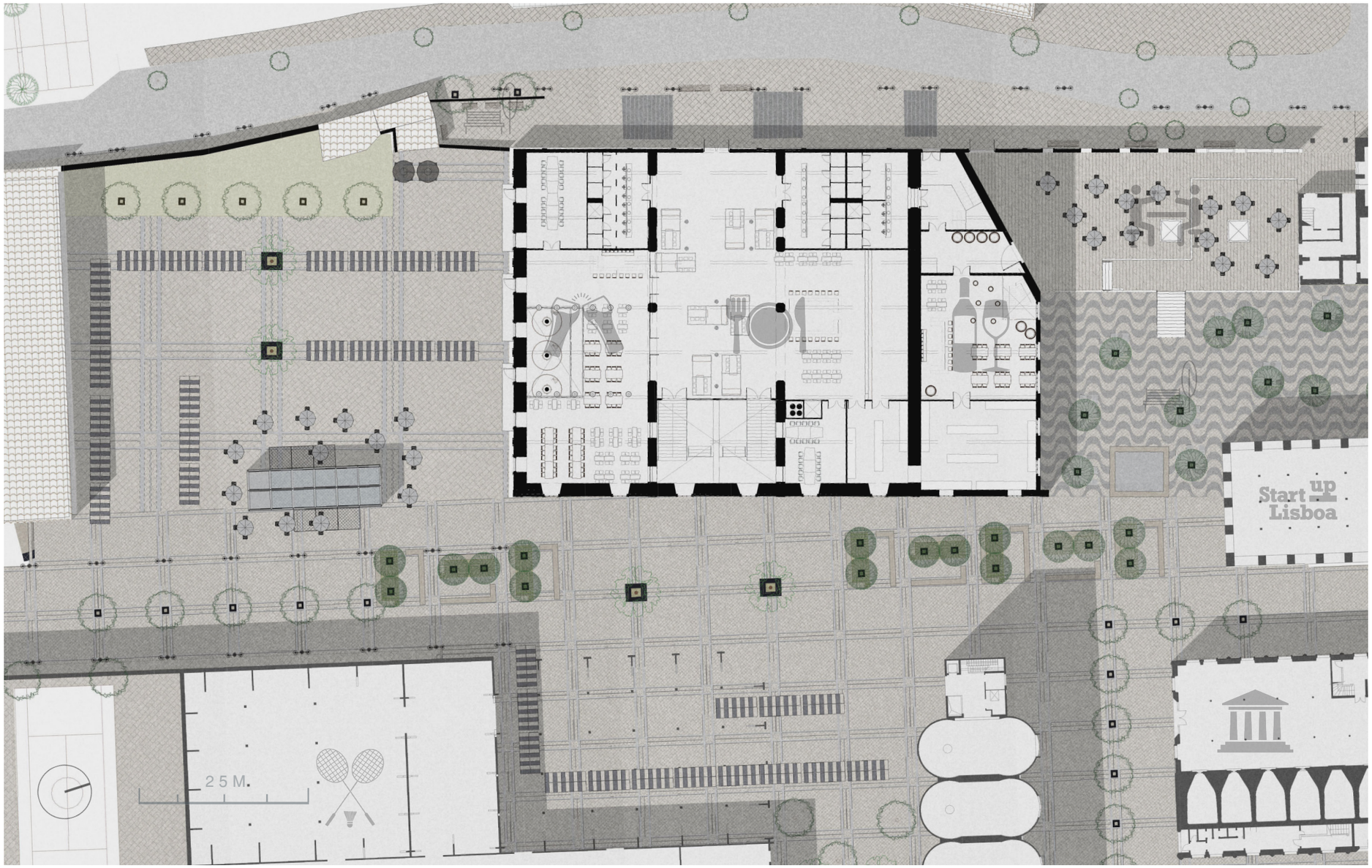
ROOF PLAN ENSEMBLE

SHARED PUBLIC SPACES



Ensemble Ground floor plan

PREVENT EXCLUSION OF LOWER CLASS



Ensemble Ground floor plan

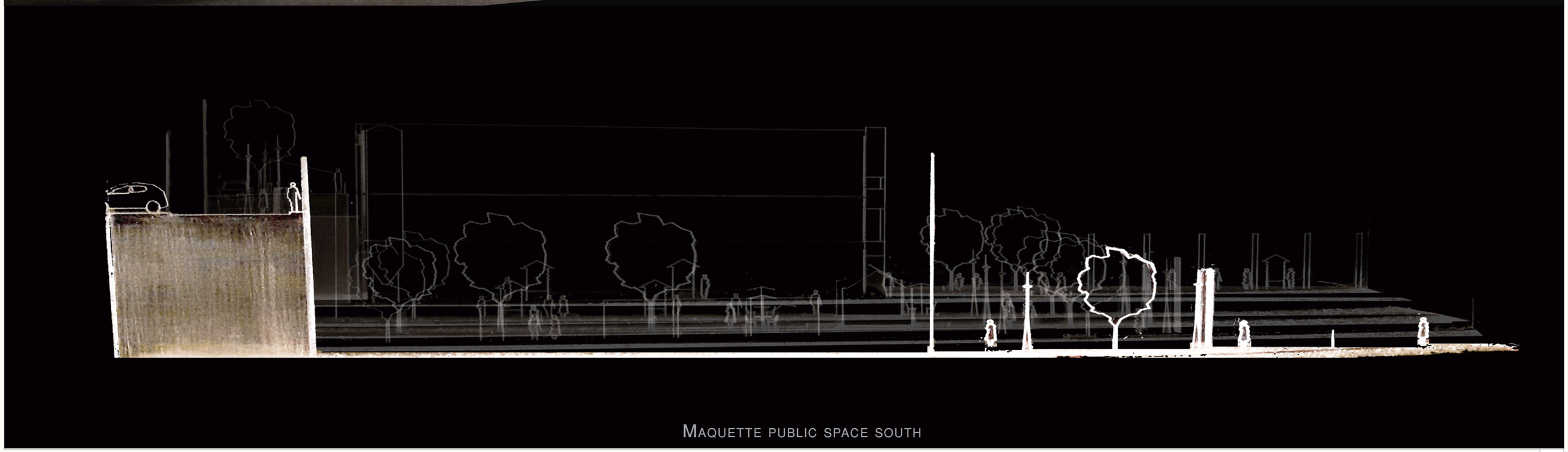
PREVENT EXCLUSION OF LOWER CLASS

25M

25M

FEELING OF SAFETY

Concept drawing Entrance zones



Maquette public space south

MATCH

MEETING | ART | TECHNOLOGY | CULTURE | HERITAGE

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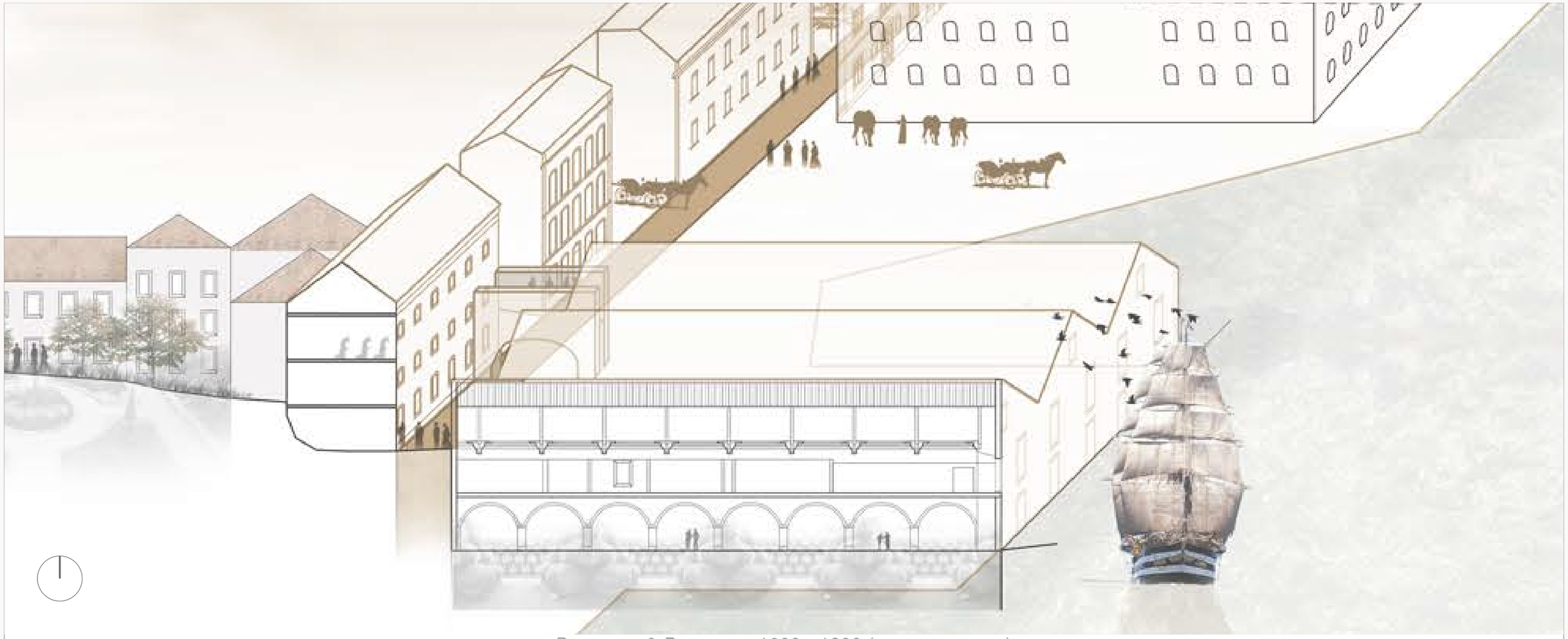
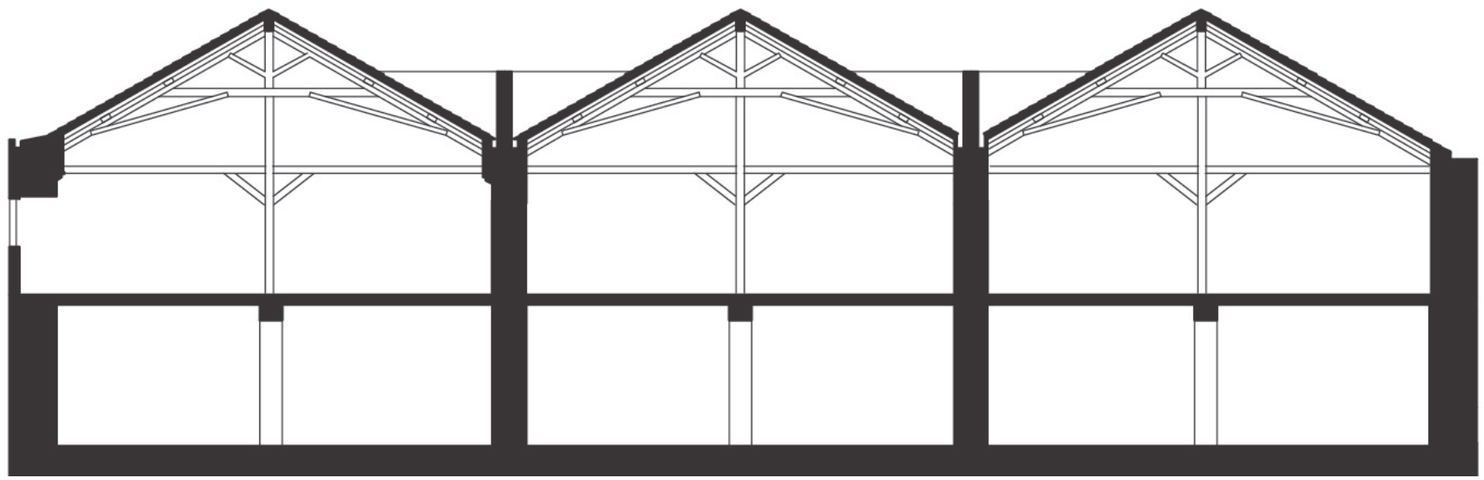
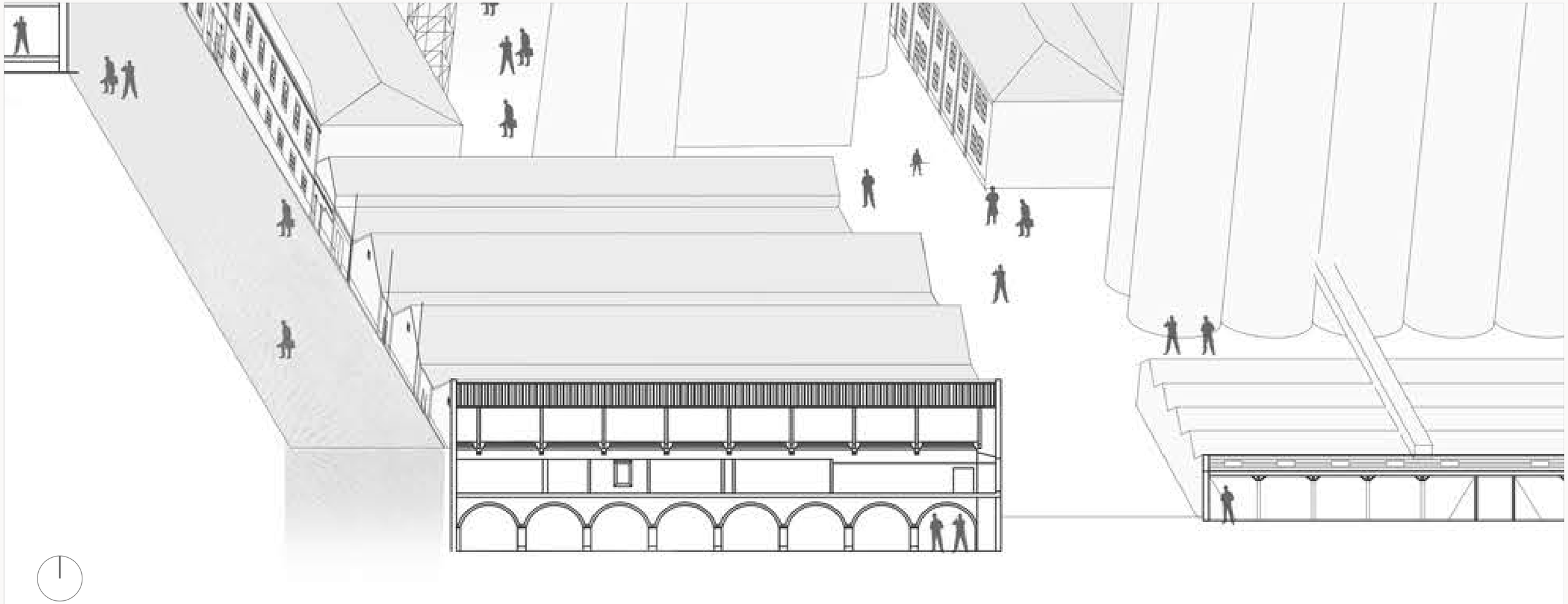


Discovery & Parish era 1600 - 1800 (groups analysis)

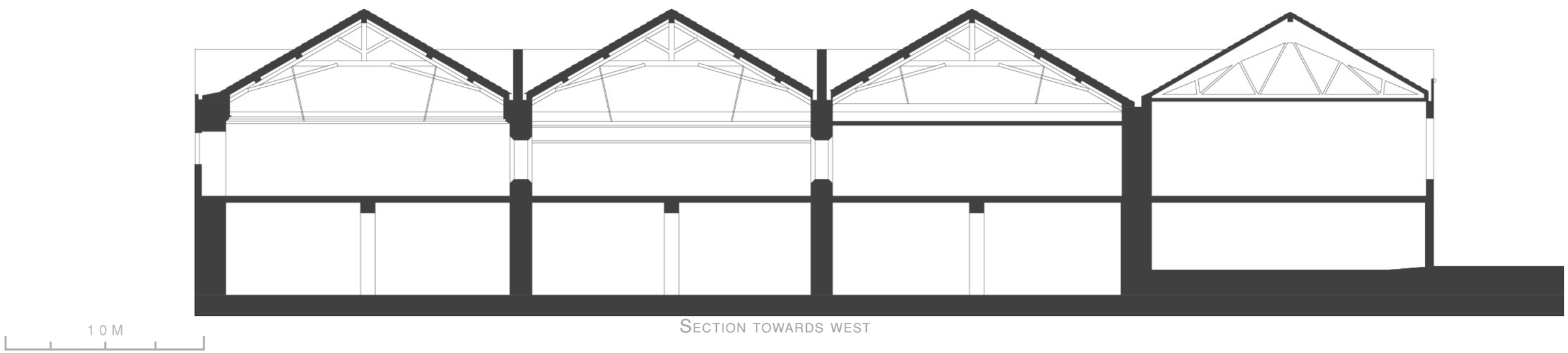


Section towards west

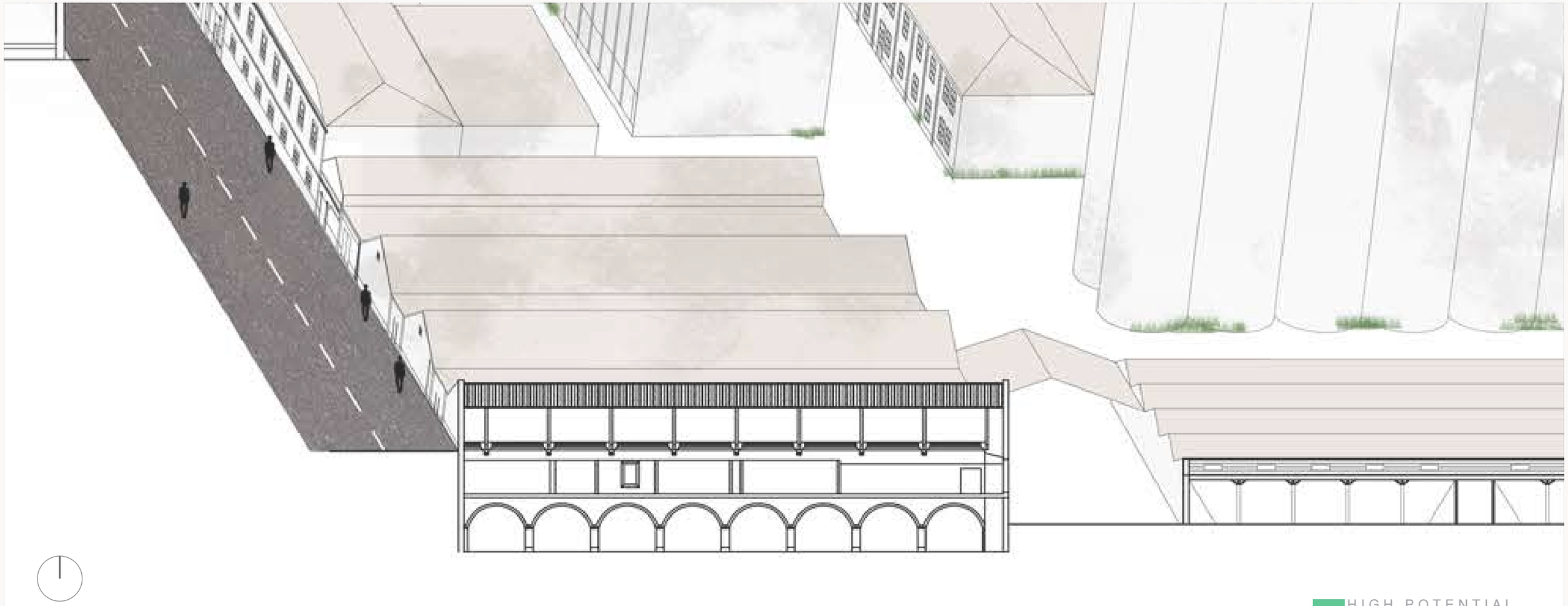
10M



INDUSTRIAL & MILITARY 1800 - 1960 (GROUPS ANALYSIS)

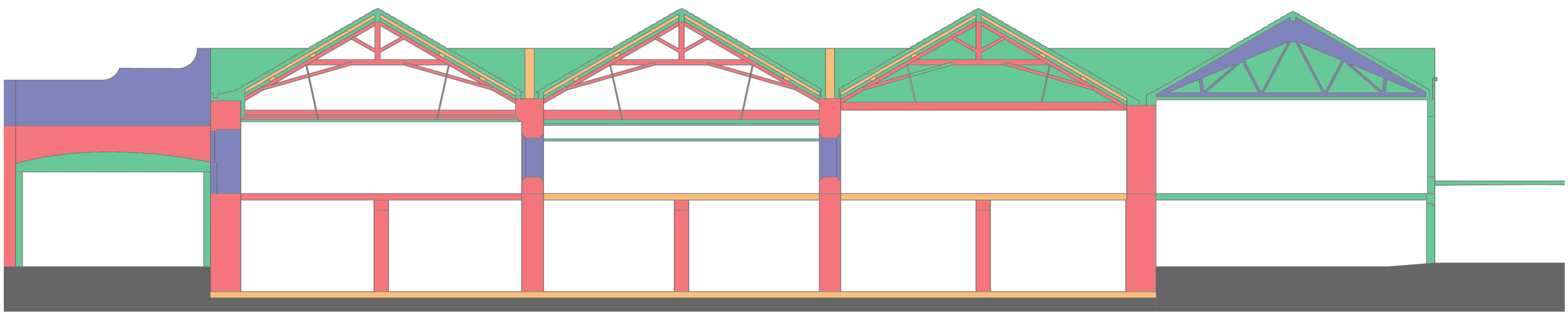


SECTION TOWARDS WEST



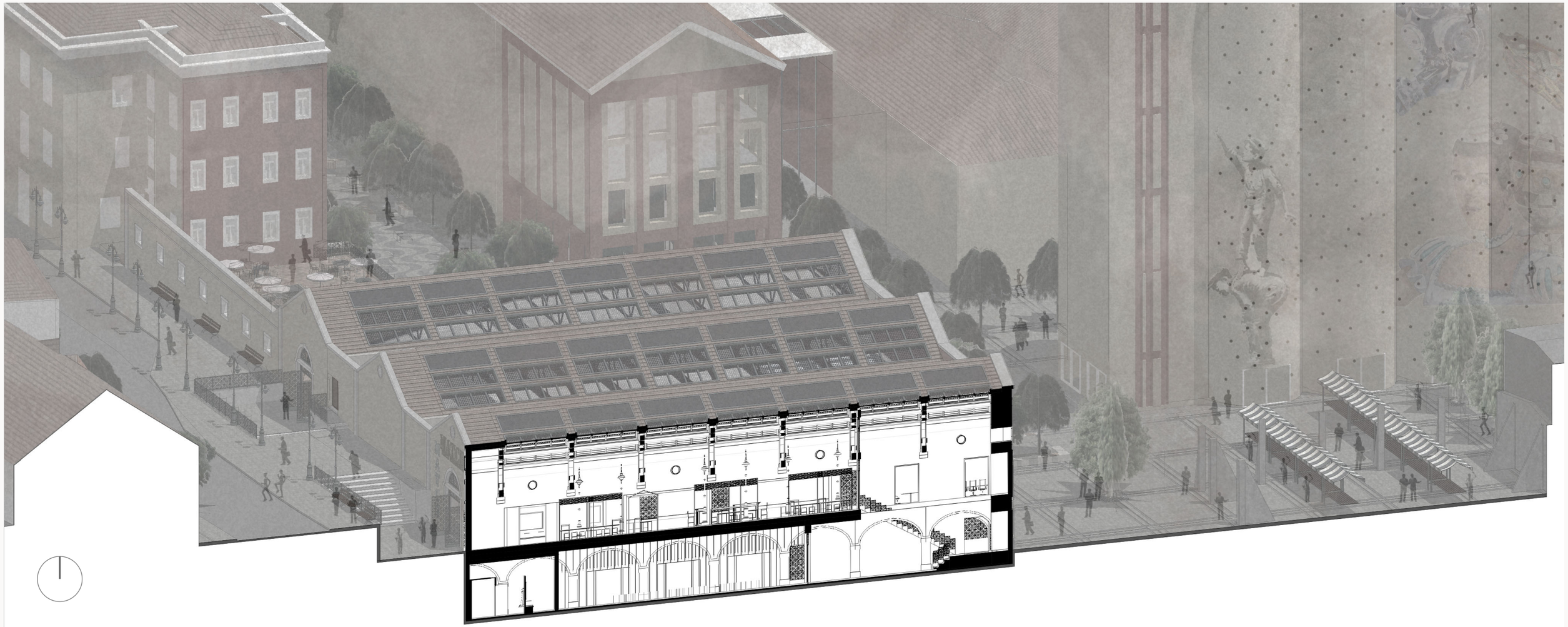
Disuse & Decay 1960 - 2015 (groups analysis)

- HIGH POTENTIAL
- MIXED POTENTIAL
- LOW POTENTIAL
- LIMITED POTENTIAL



10 M

Potentials visualized in section towards west



FUTURE TIME LAYER 2025

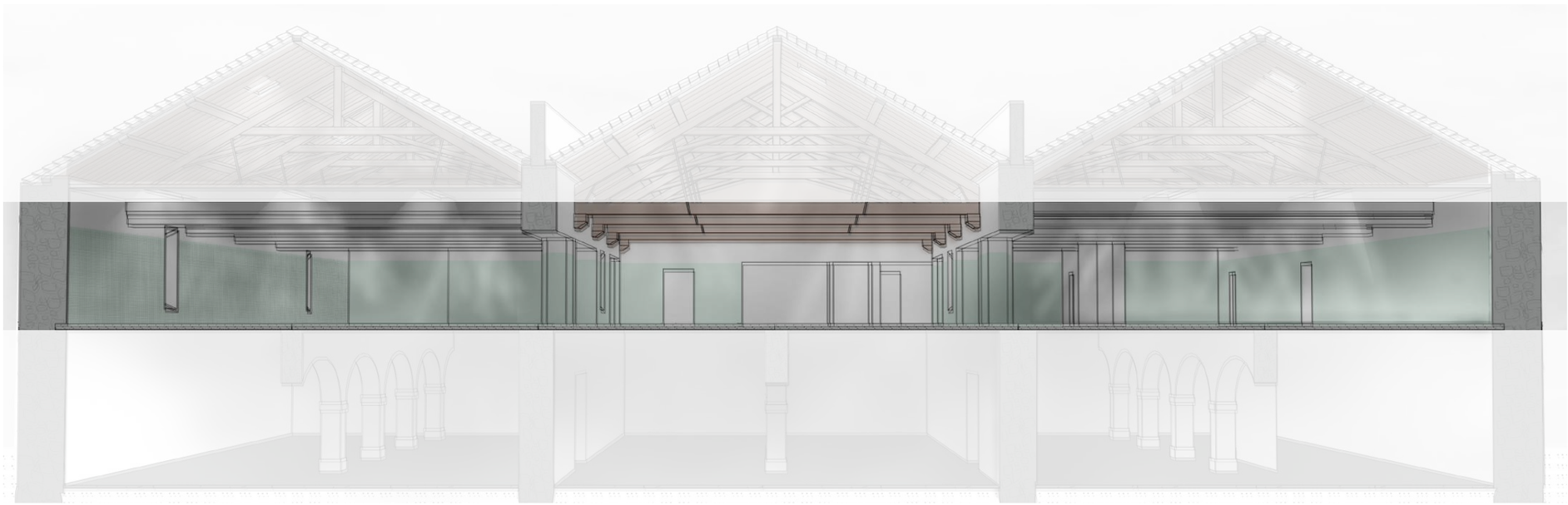
MODIFICATION PRESENT TIME LAYER WITHOUT DAMAGING EXISTING

10M

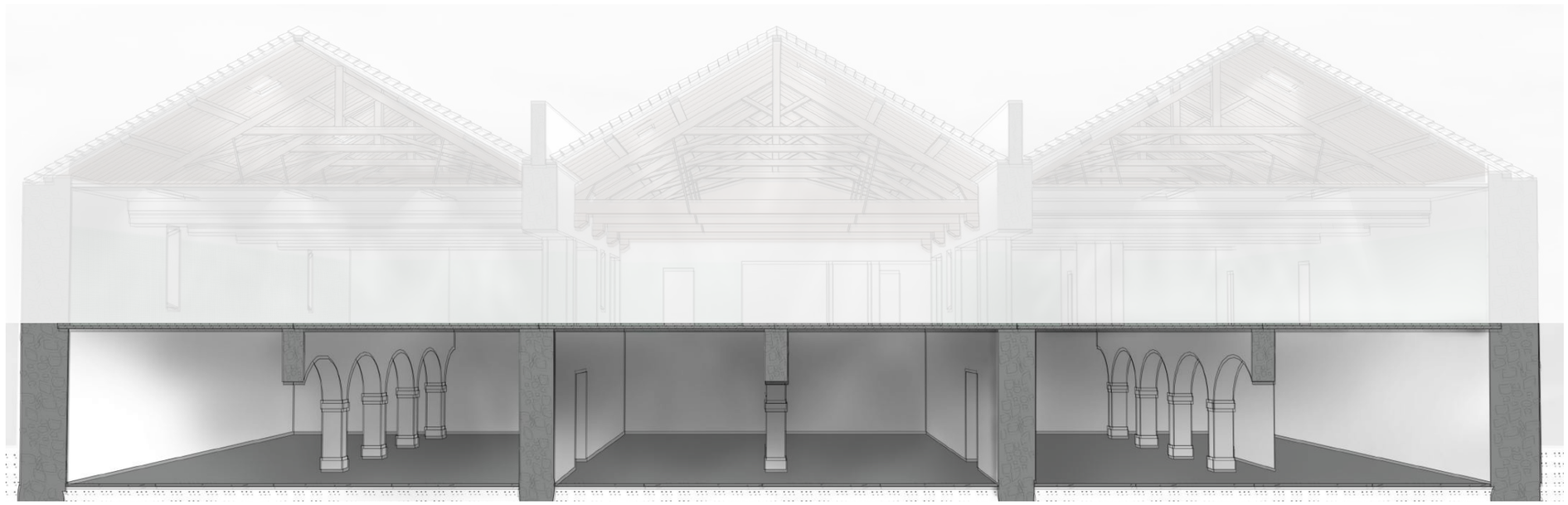
SECTION TOWARDS WEST FUTURE TIME LAYER

EXPERIENCE

SPACE



DECAY

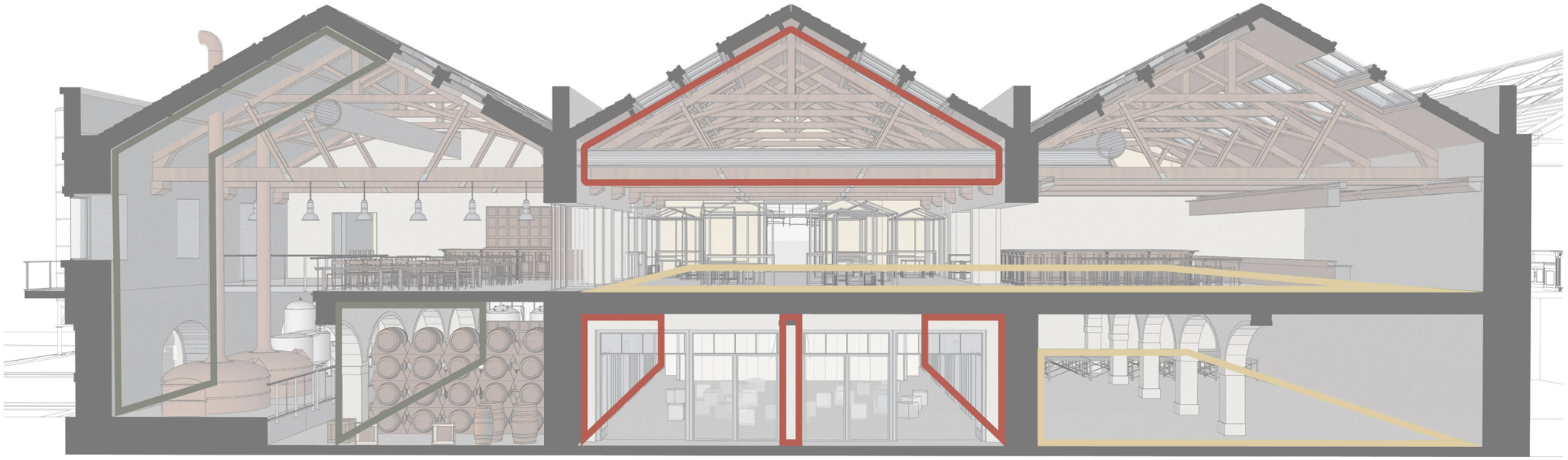


MODIFICATION PRESENT TIME LAYER WITHOUT DAMAGING EXISTING

DIS-USE

INDUSTRIAL

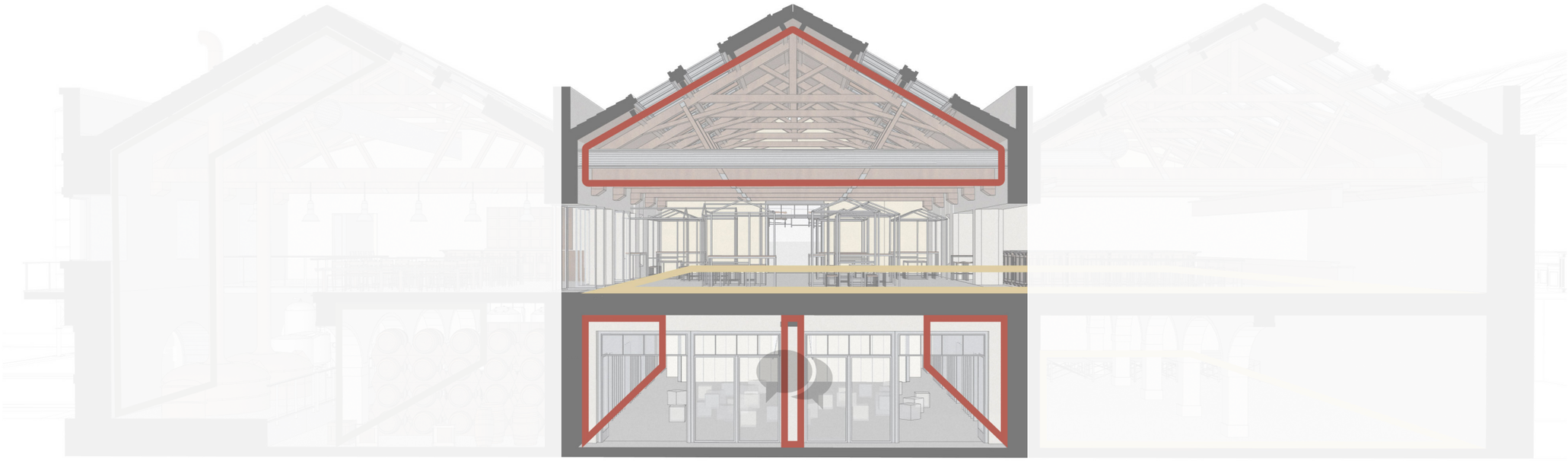
PARISH



ZONES INSIDE BUILDING

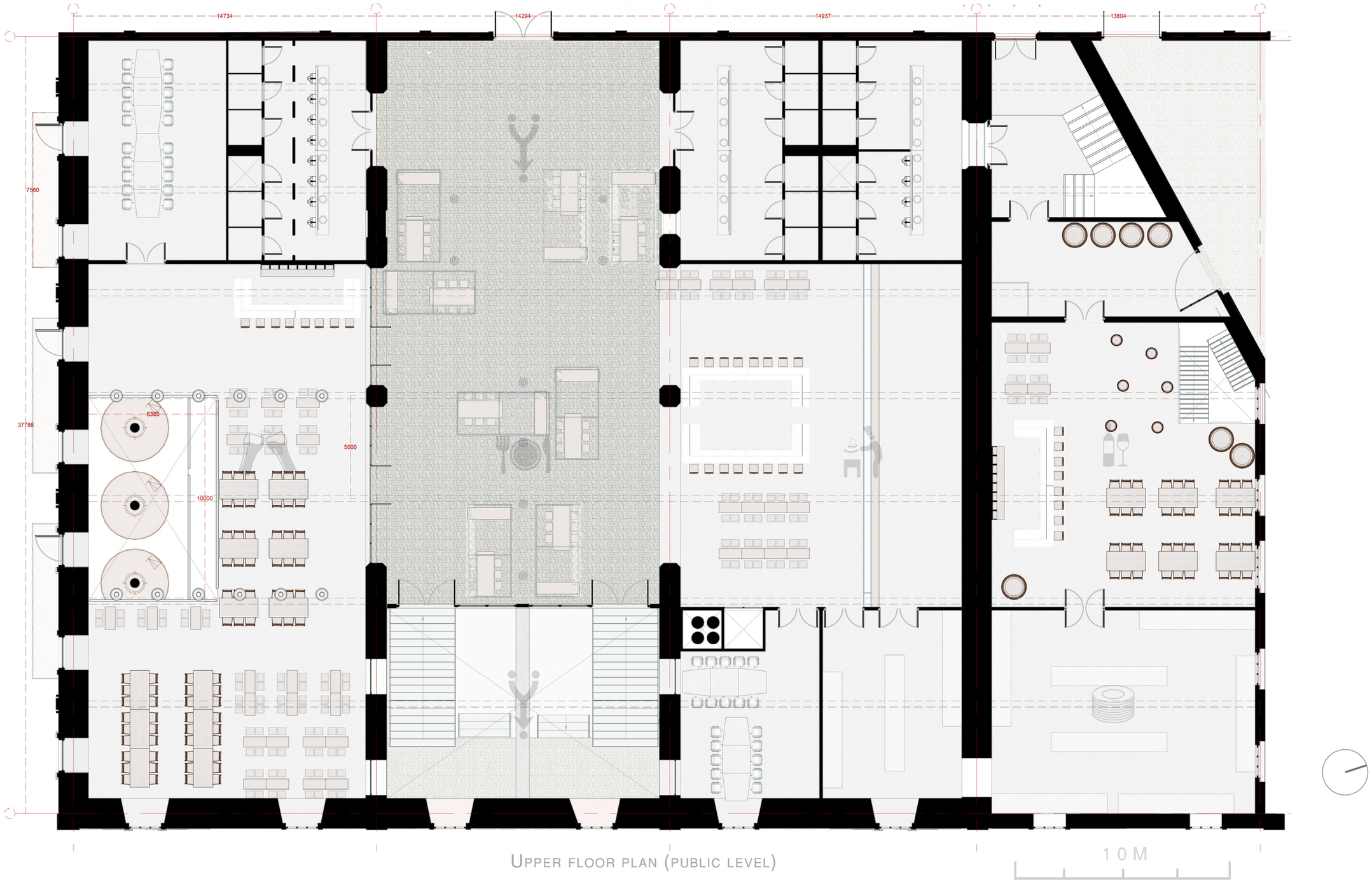
Brewery tasting room

Foyer concert hall



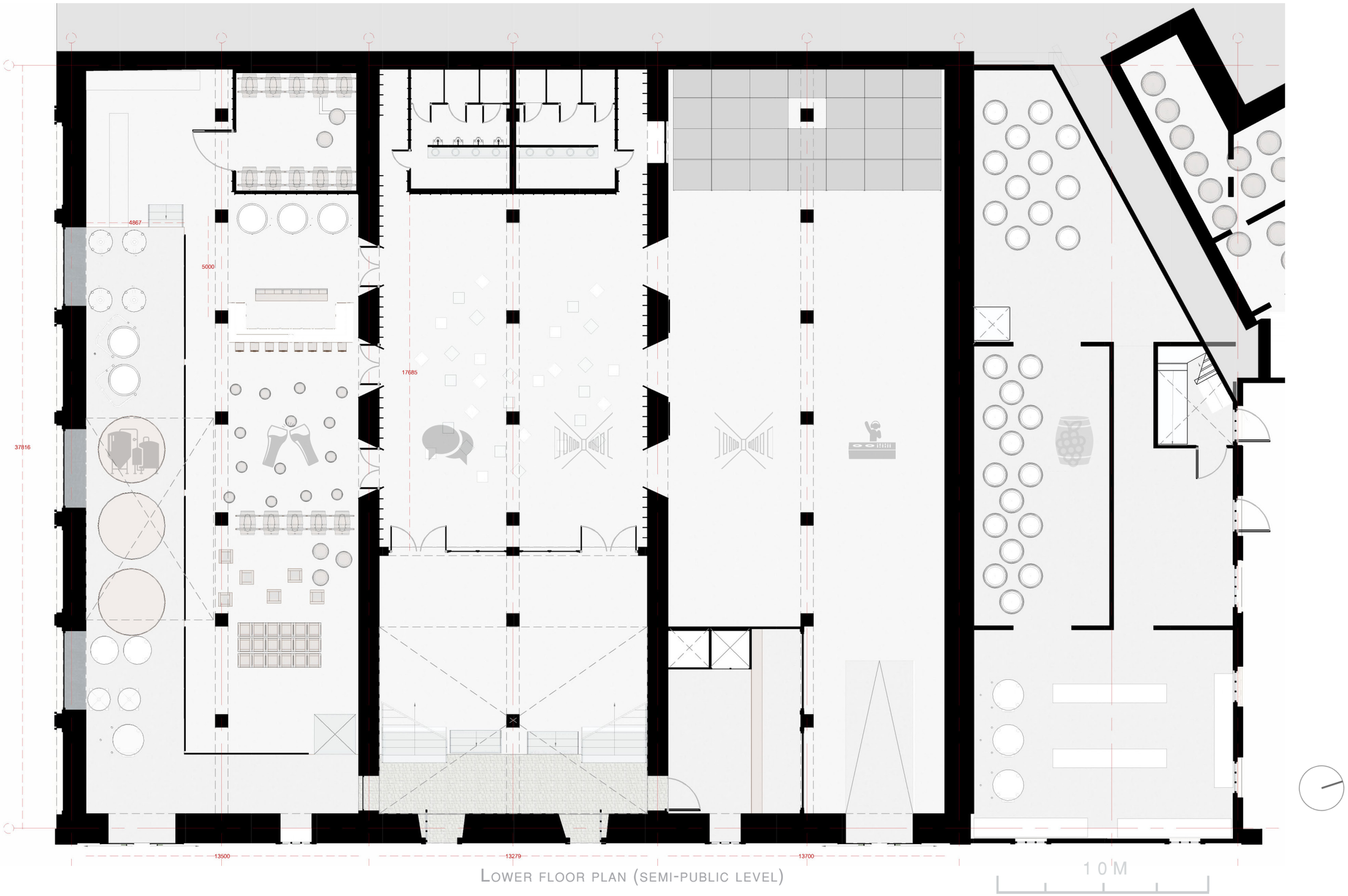
FOOD HALL RESTAURANT & COFFEE BAR

Passage hall with lunch space



Upper floor plan (public level)

Passage hall | Tasting room Brewery | Foodhall | Food hall dining | Tasting room Winery | Kitchen



LOWER FLOOR PLAN (SEMI-PUBLIC LEVEL)

CRAFT BREWERY

BAR

FOYER CONCERT HALL

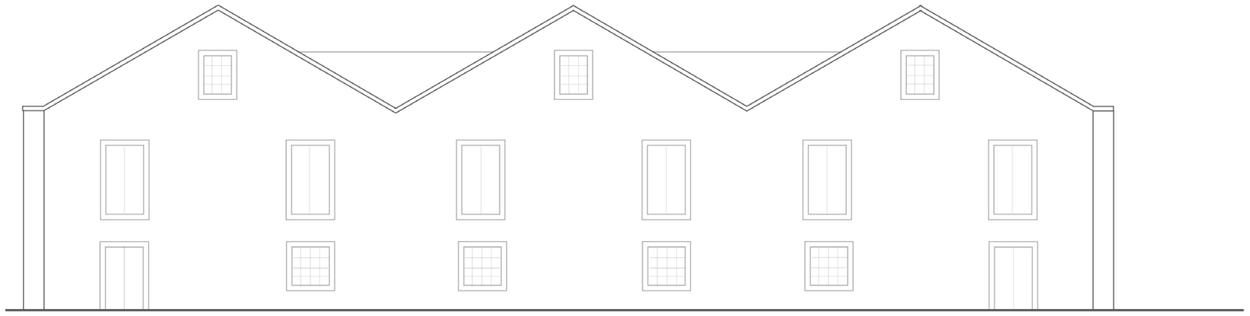
EVENT SPACE

EXPOSITION SPACE

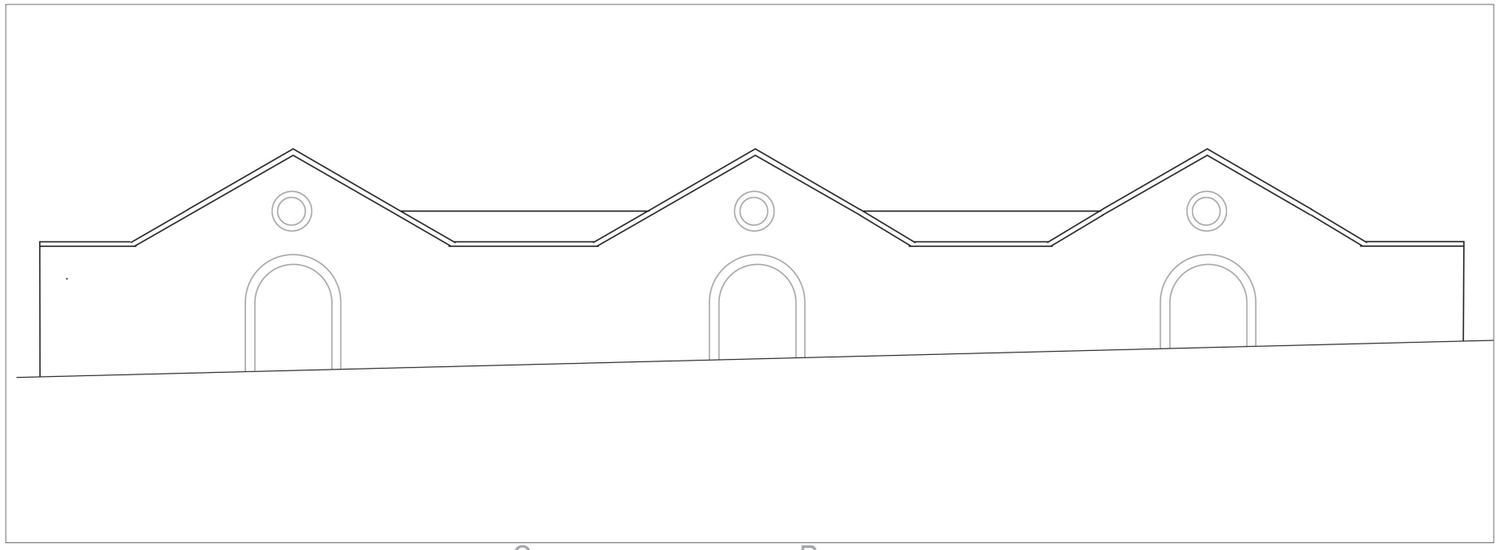
CRAFT WINERY

CONCEPT FRONT FACADE PAST SITUATION

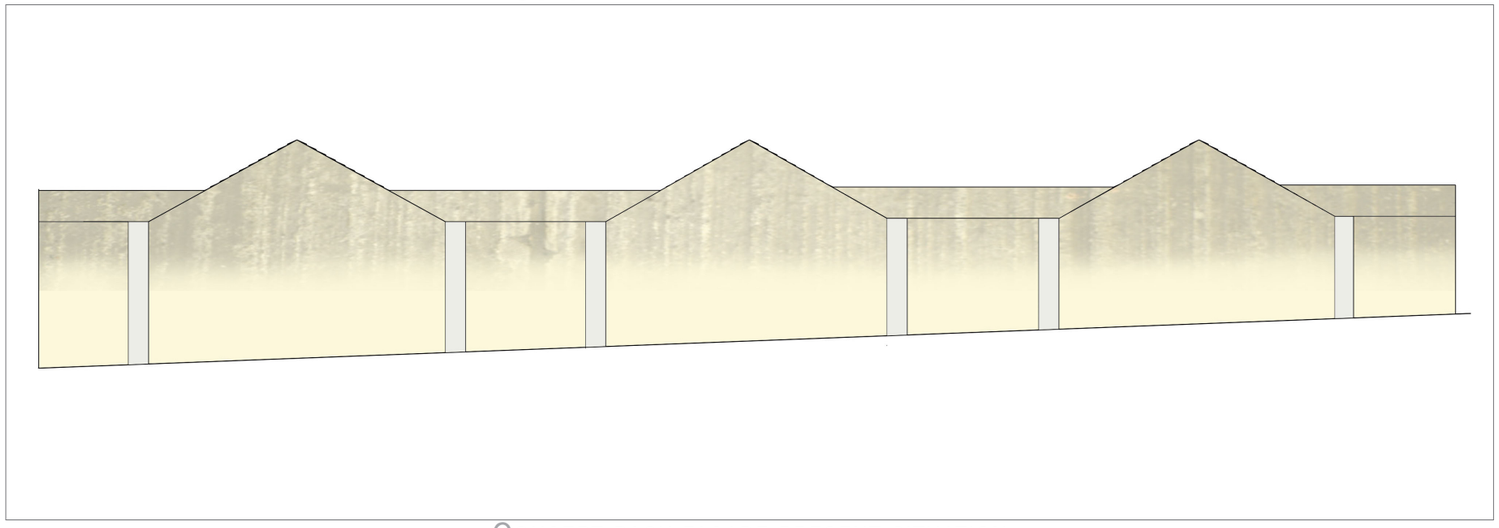
CONCEPT FRONT FACADE PRESENT SITUATION



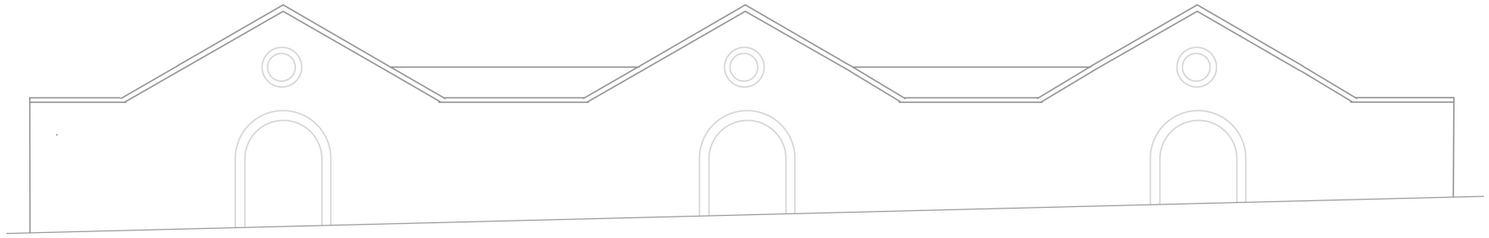
CONCEPT FRONT FACADE NEW SITUATION

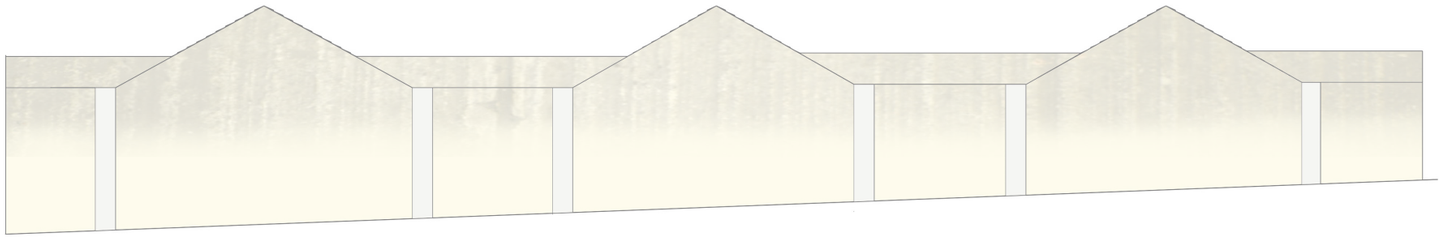


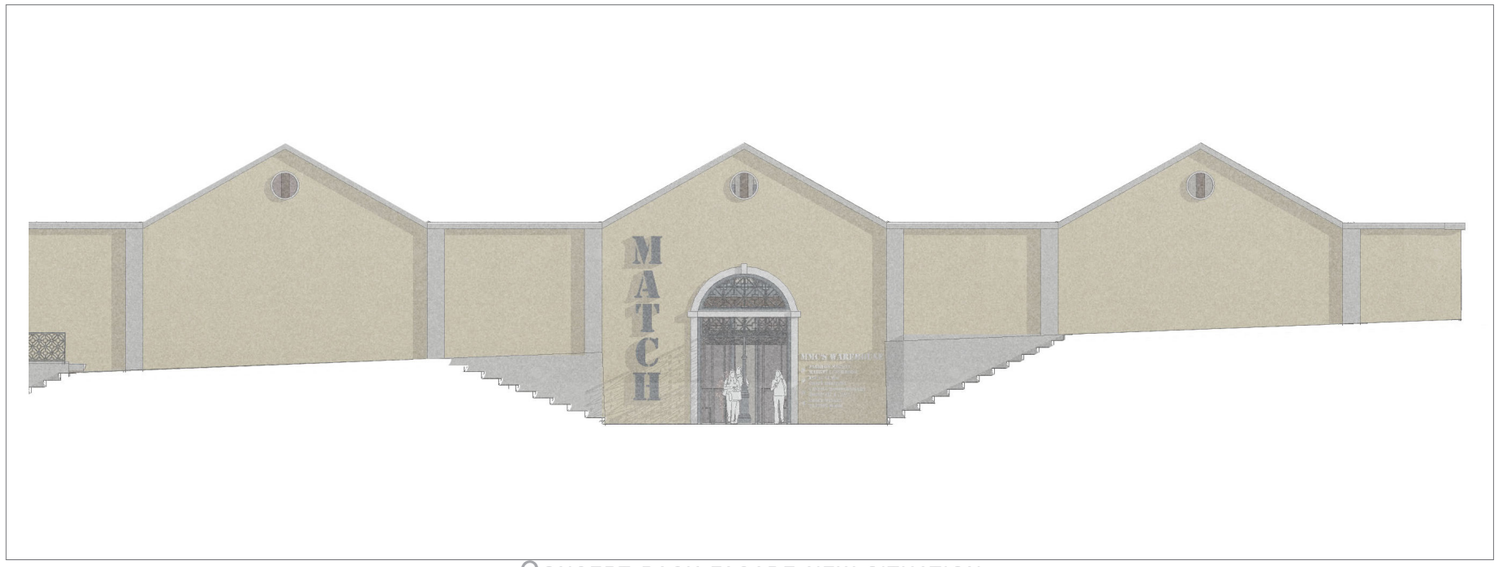
CONCEPT BACK FACADE PAST SITUATION



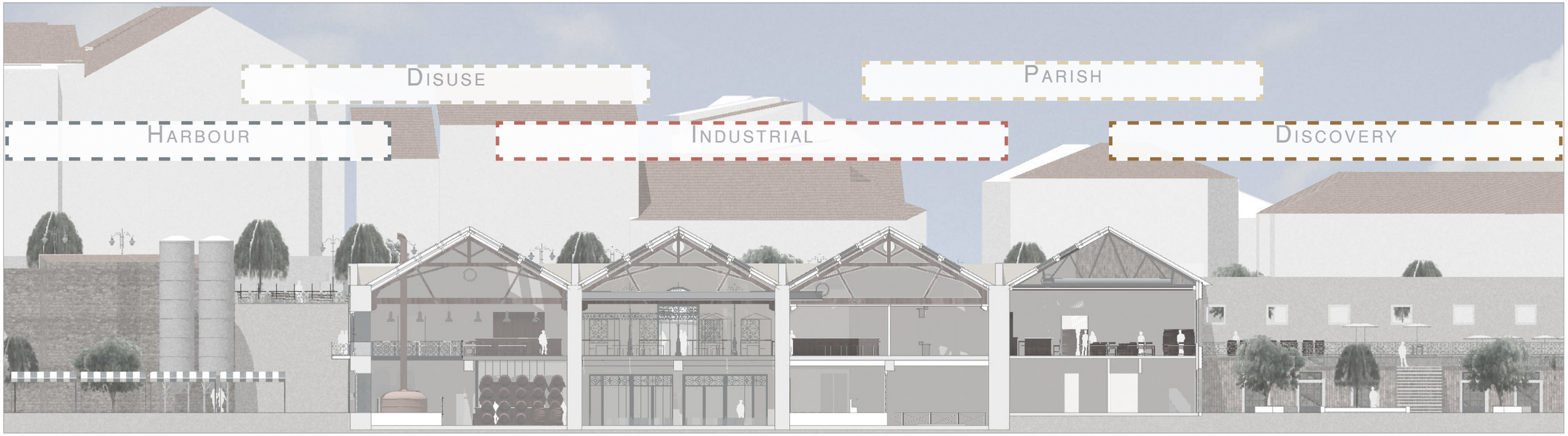
CONCEPT BACK FACADE PRESENT SITUATION



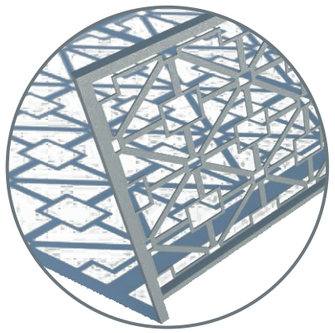
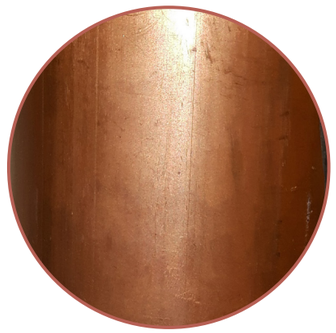




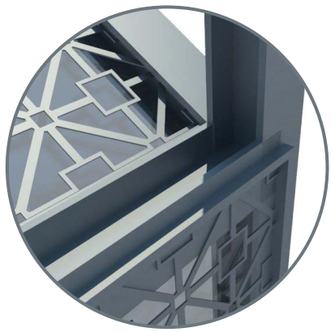
CONCEPT BACK FACADE NEW SITUATION

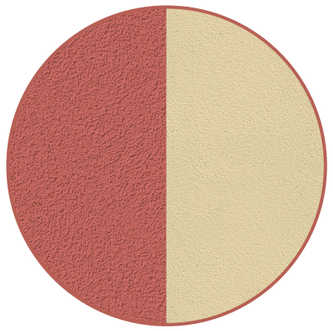
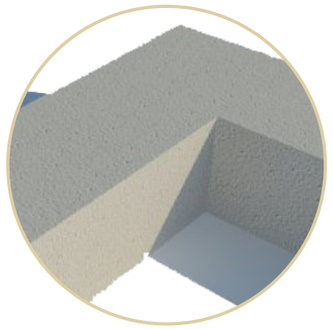


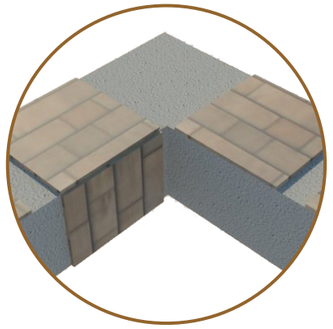
Section towards west

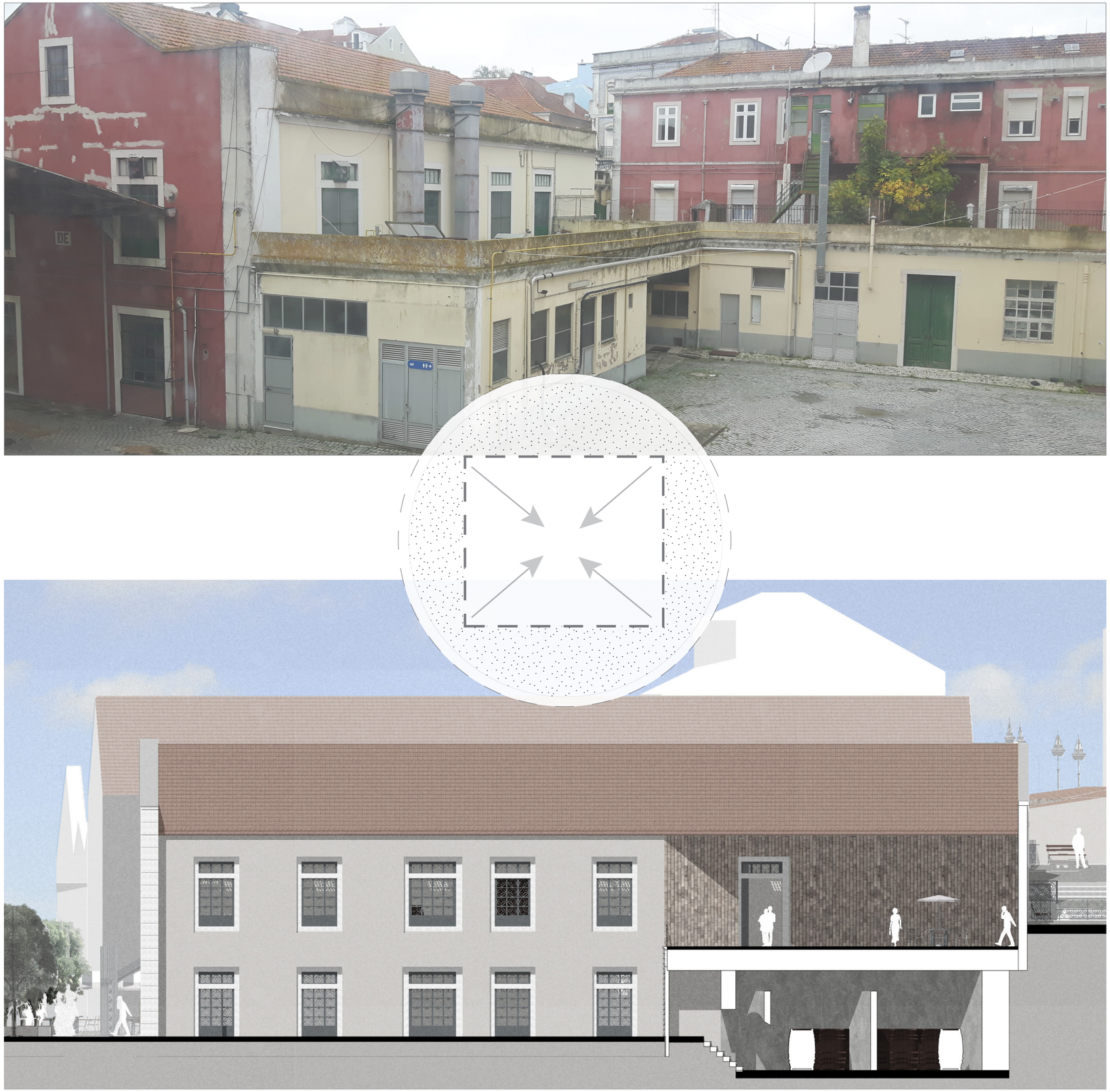





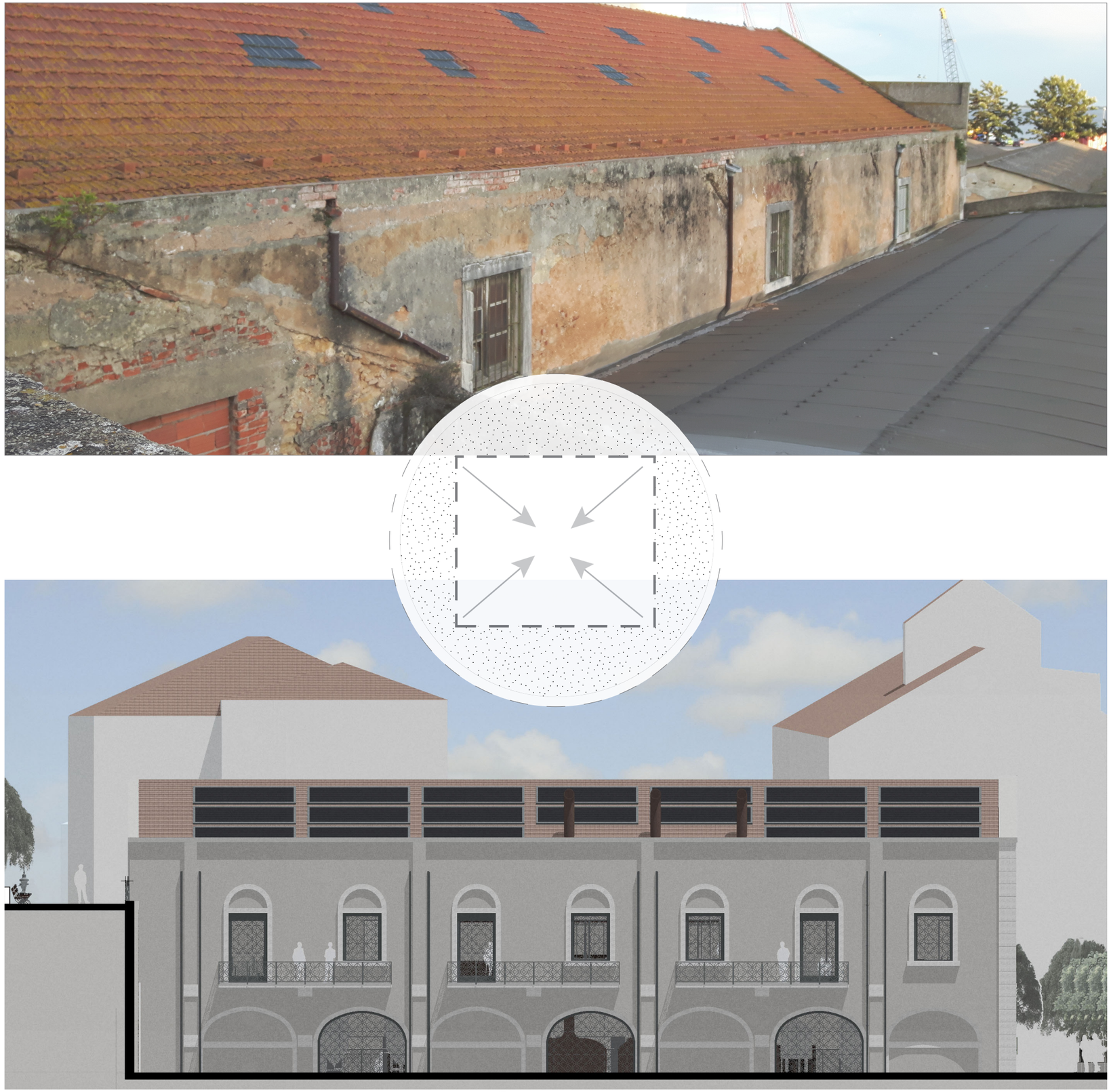







North facade



South facade

TECHNIQUE

MATCHING TECHNIQUE, ARCHITECTURE & CULTURAL VALUE

Introduciton

Research method
Workshop
City impression
The plan area

Research & analysis

Technical values
transformation strategy

A Modern manufacturing complex

Development complex
Cultural value
Transformation framework
Strategy
Function & use
Design concept

Match

Design concept
Function & use
Design expression

The meeting spot

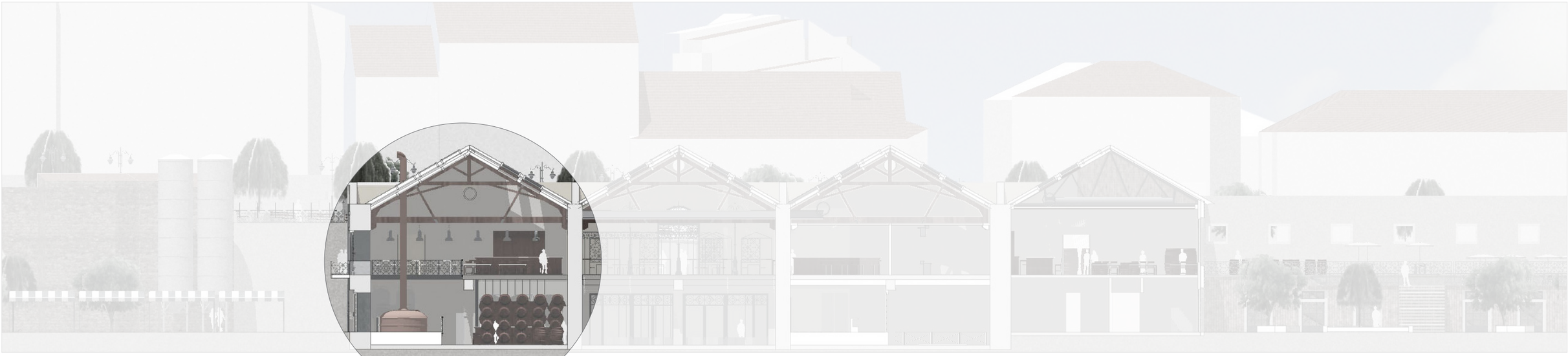
Function & use
Design concept

Technique

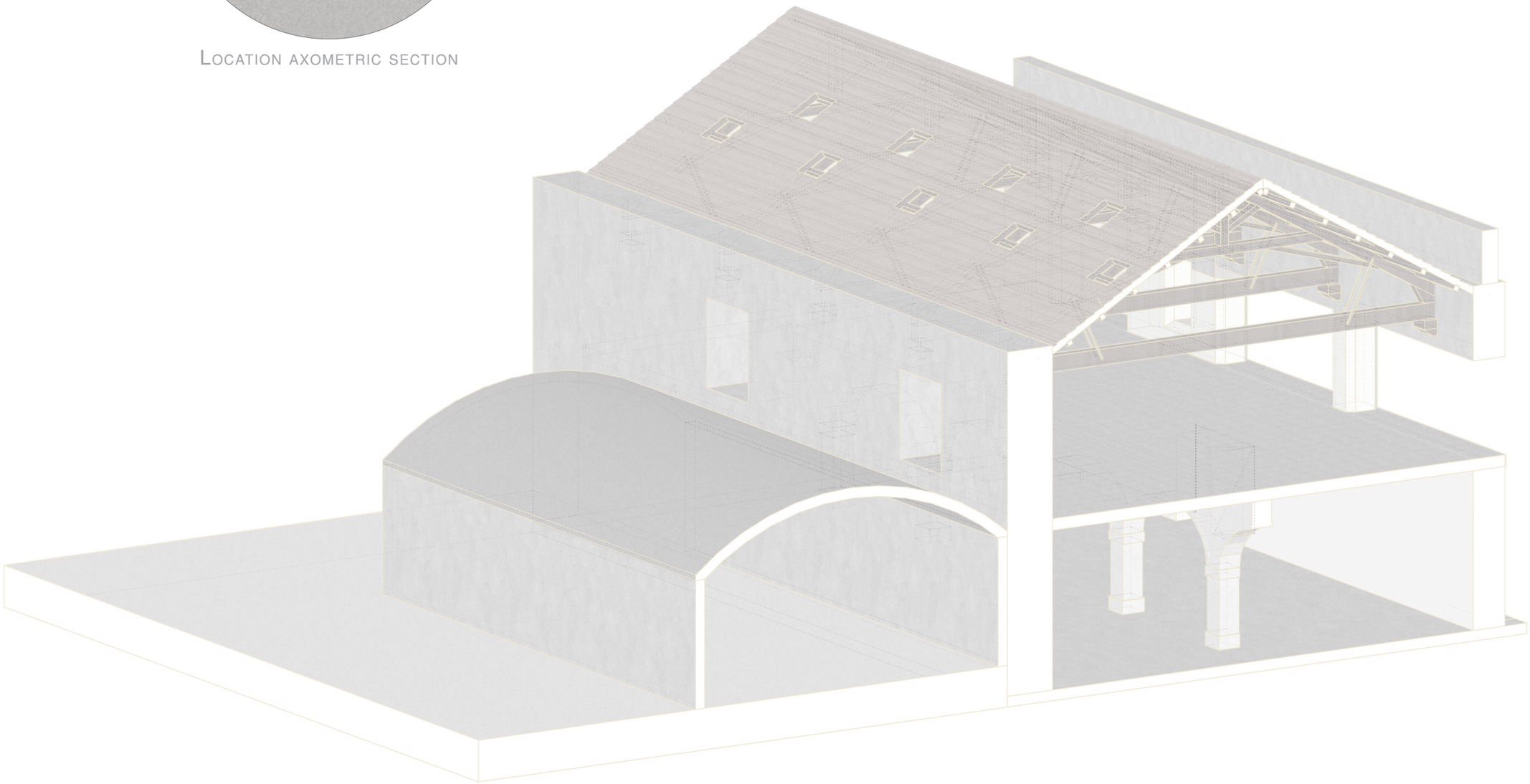
Transformation concept
Reference
Transformation design
Climate design

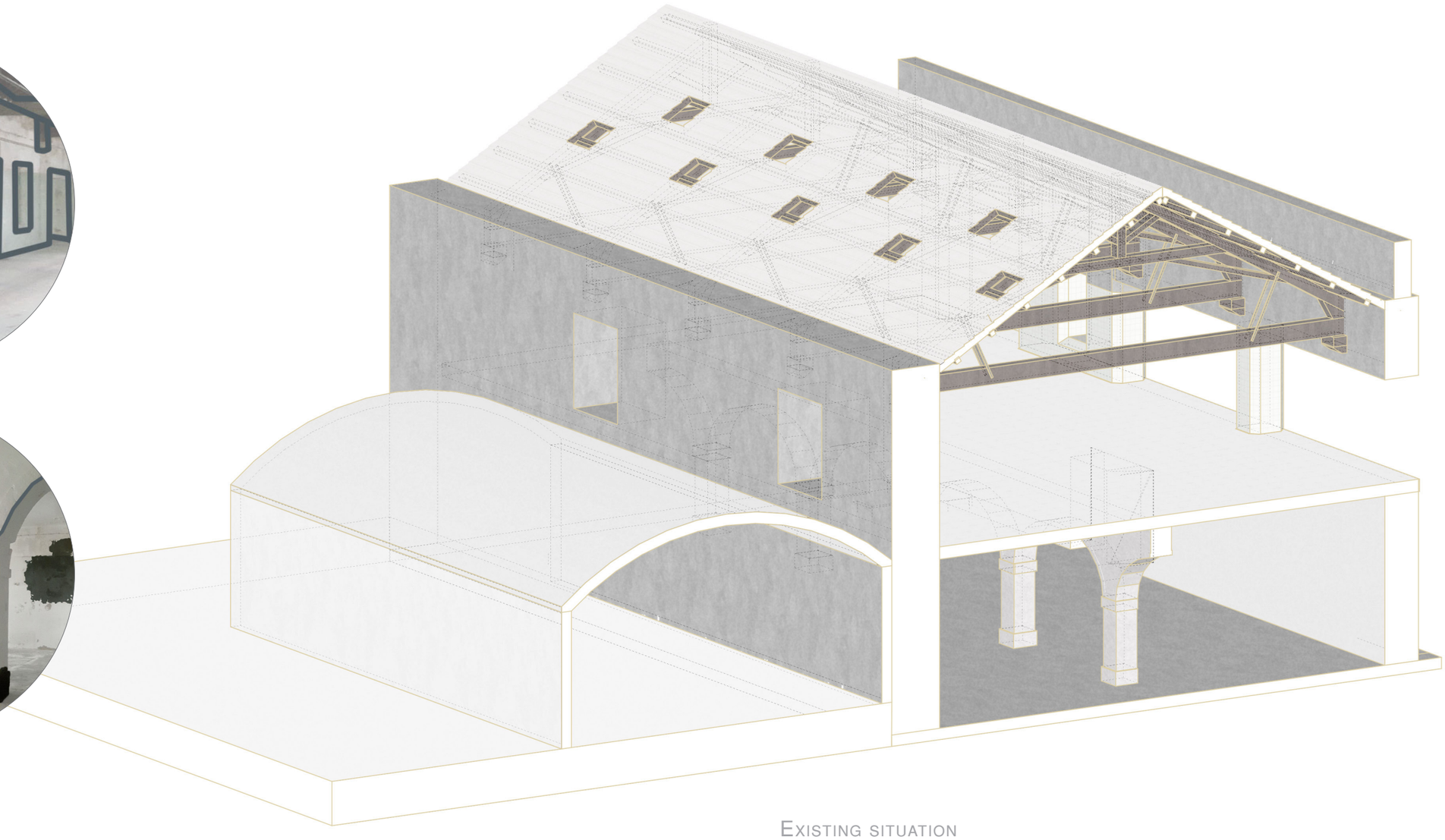
Conclusion

Reflection
Closing
Discussion

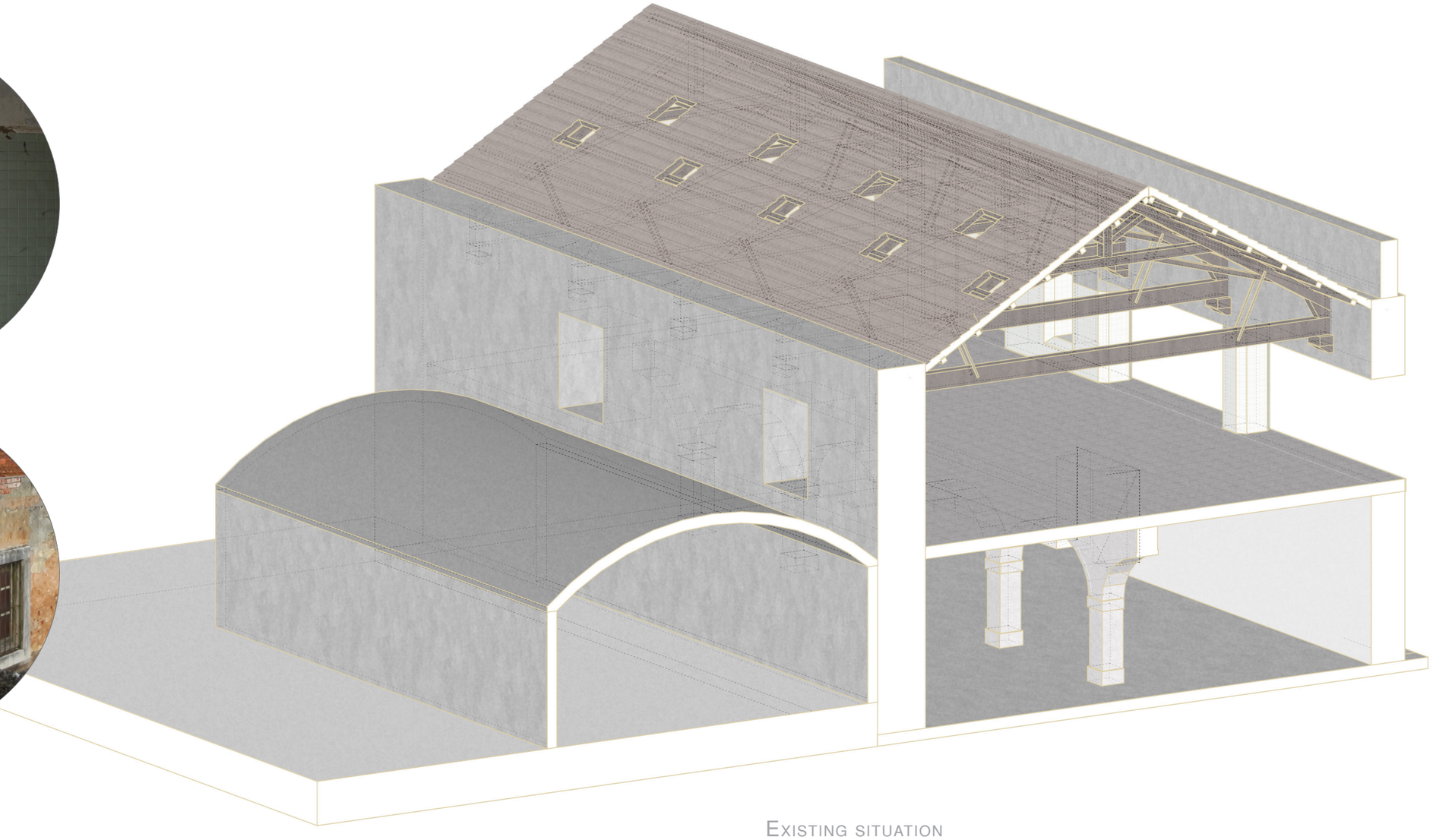


Location axometric section

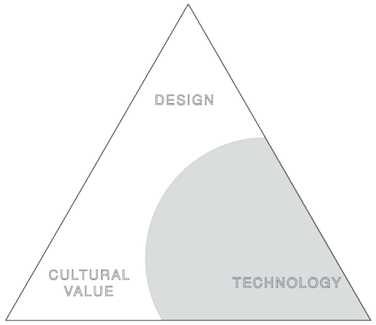


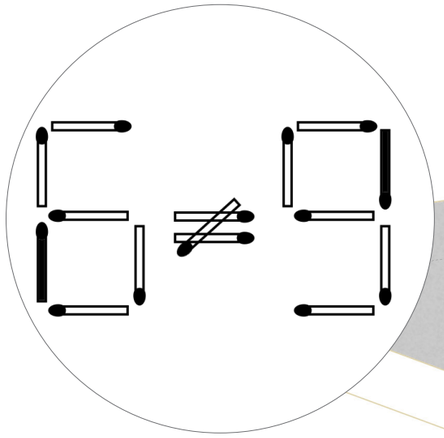


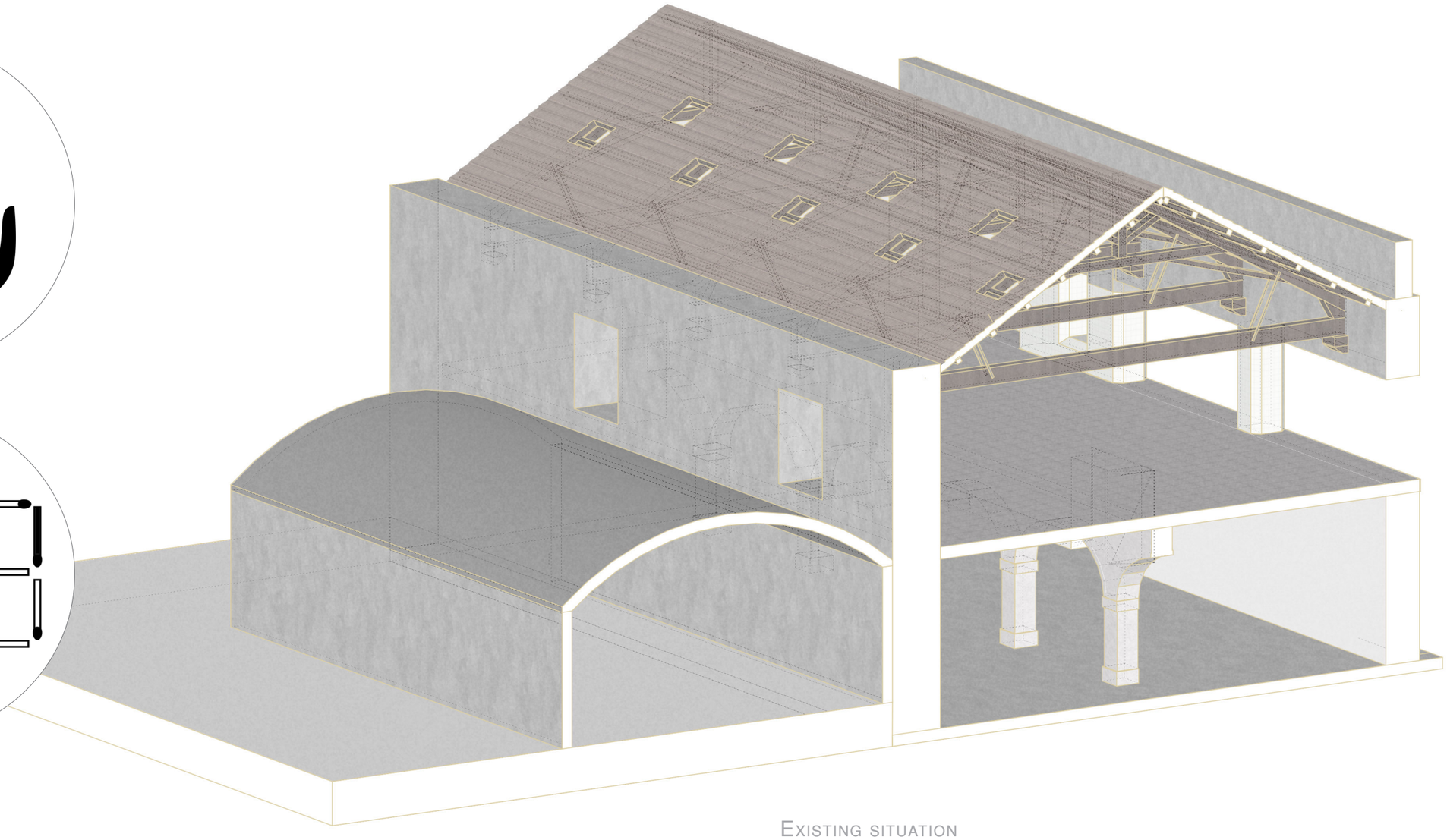
Existing situation



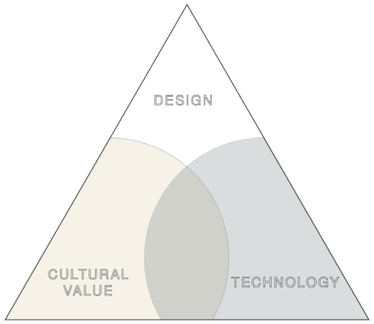
Existing situation

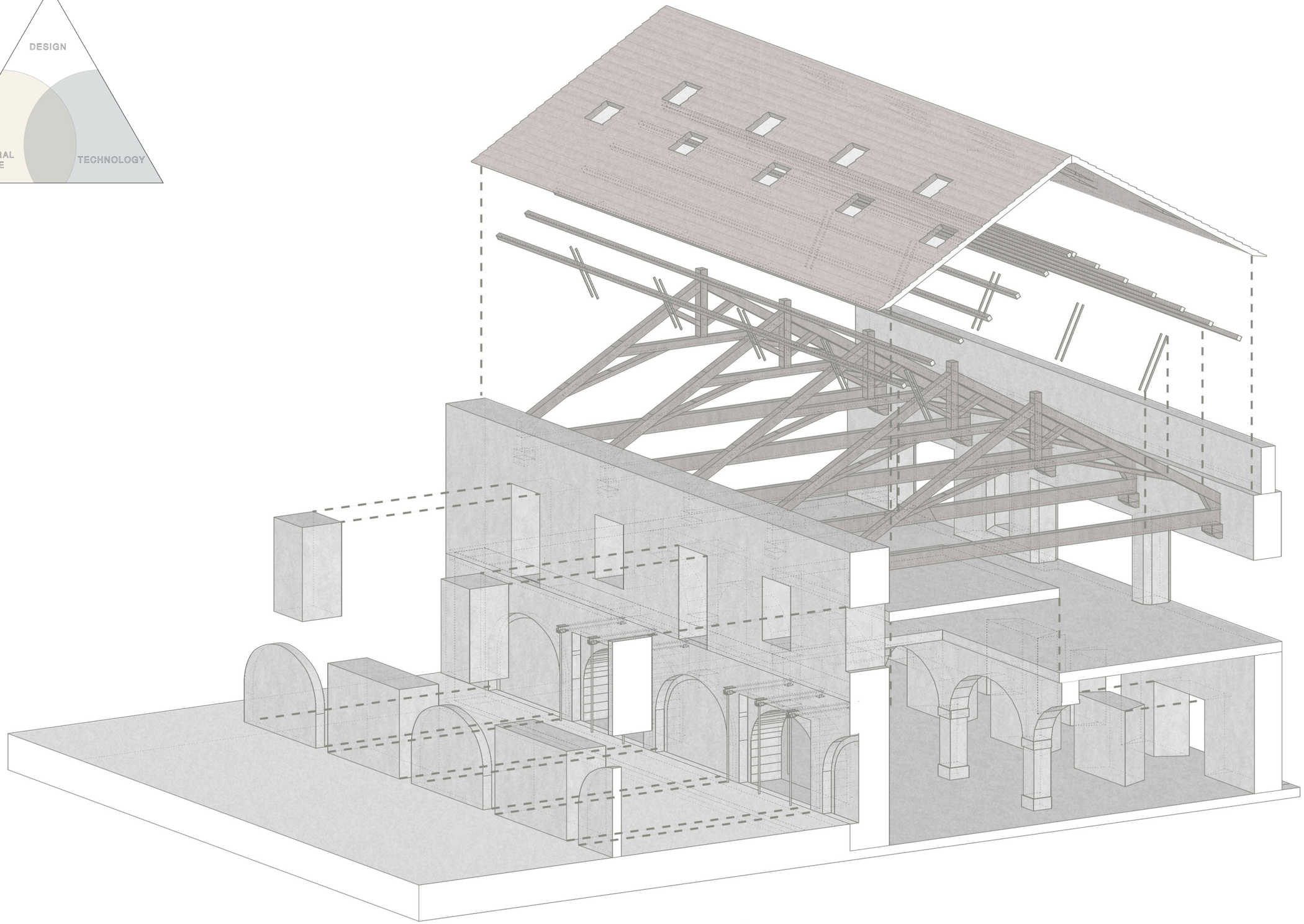




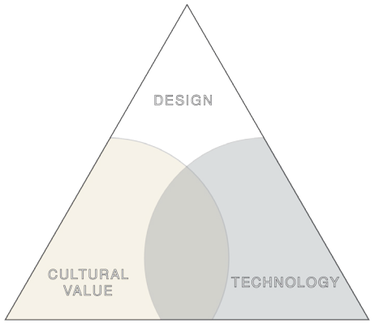


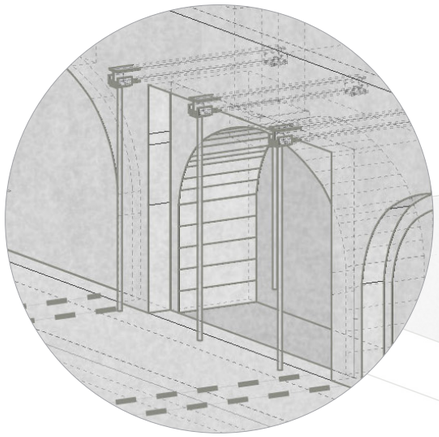
Existing situation

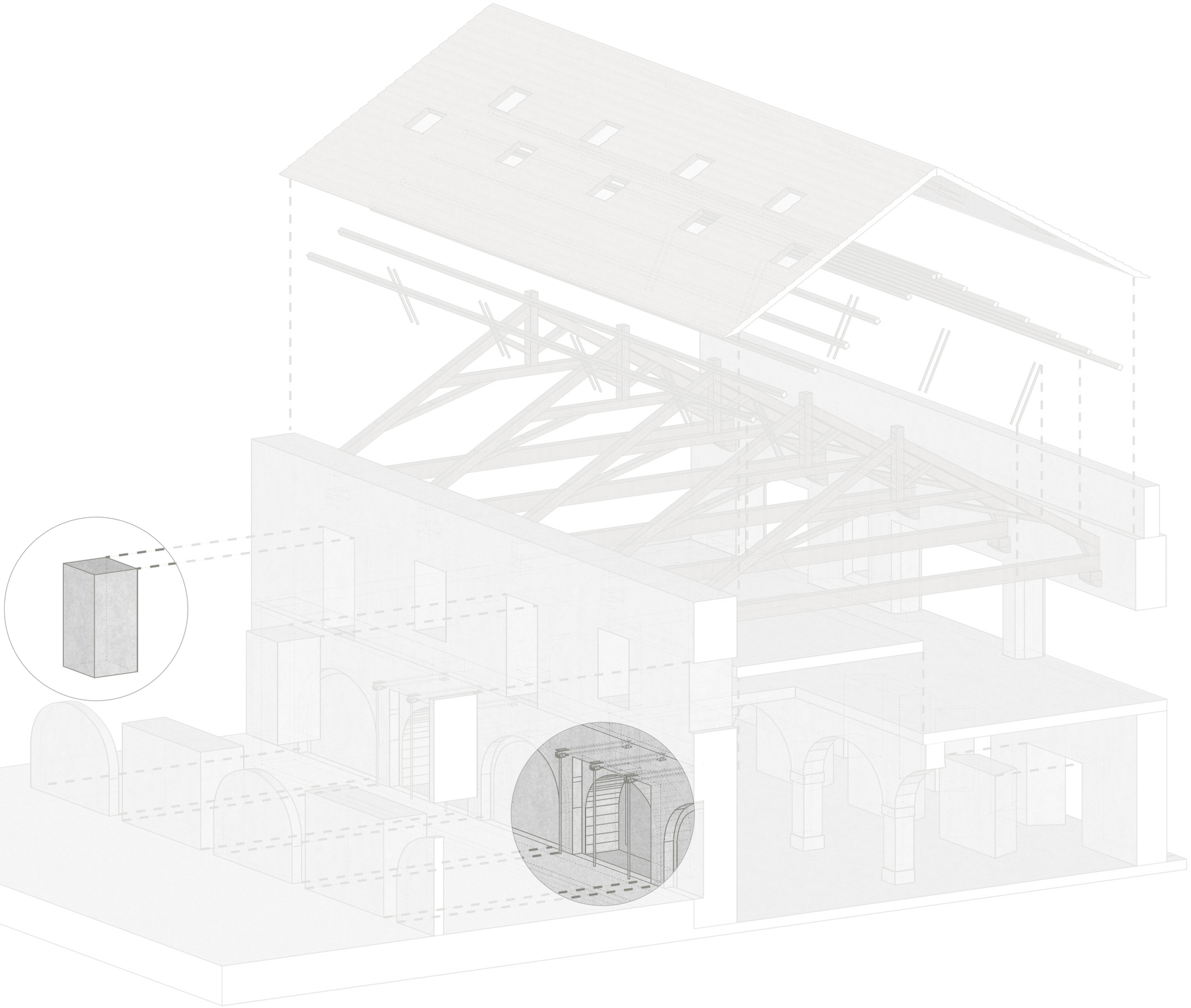




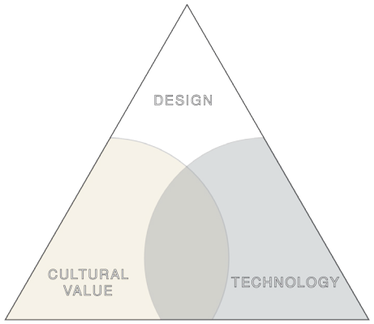
SUBSTRACTING ELEMENTS

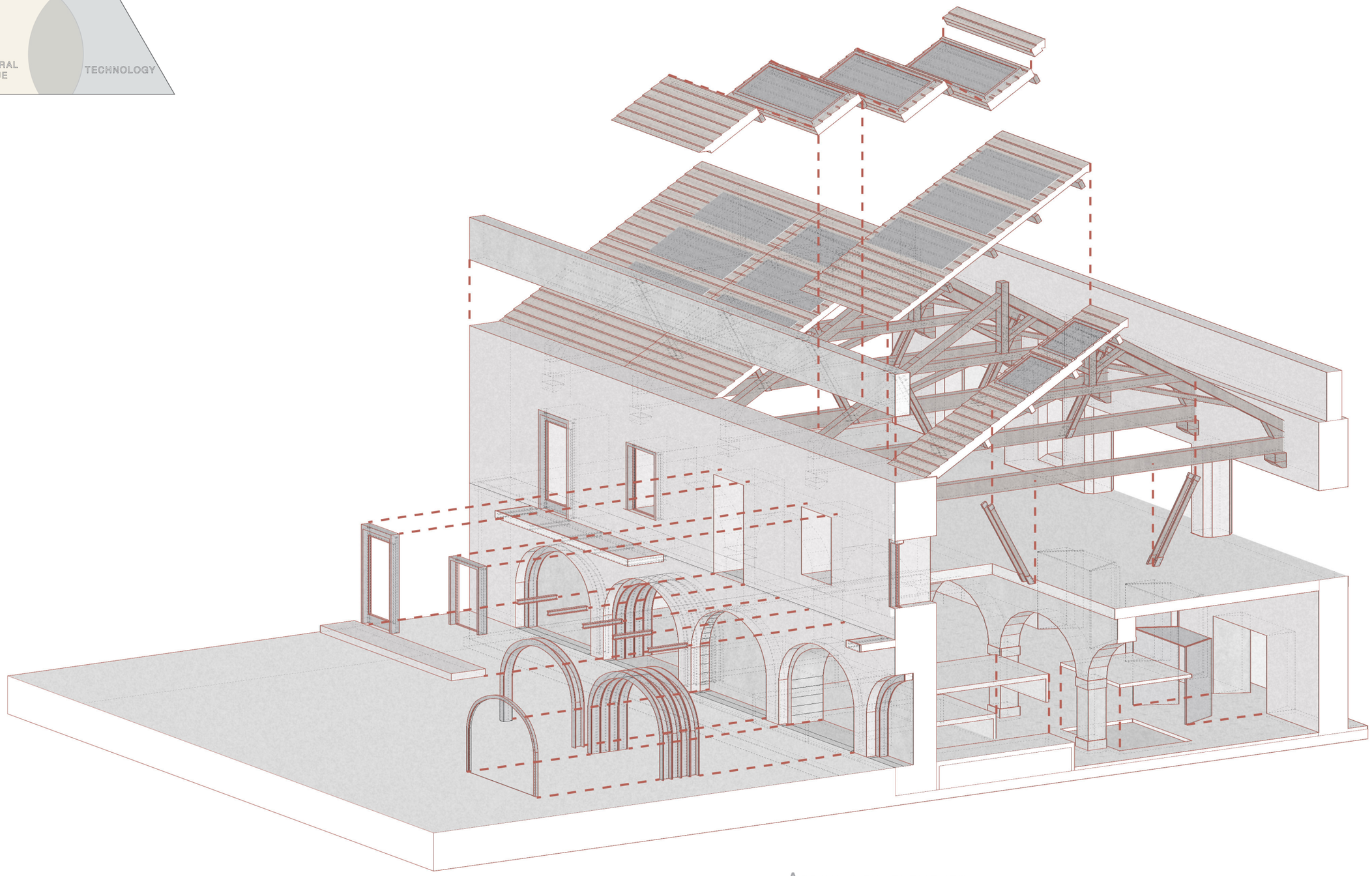




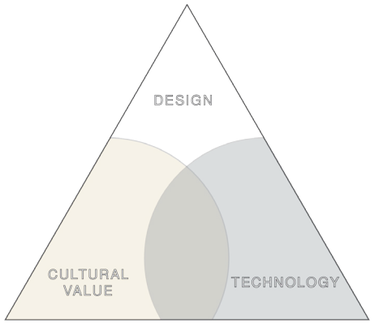


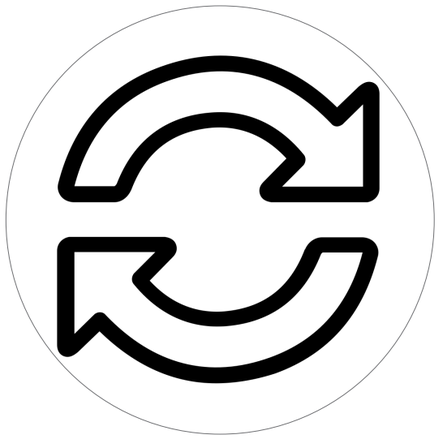
SUBSTRACTING ELEMENTS

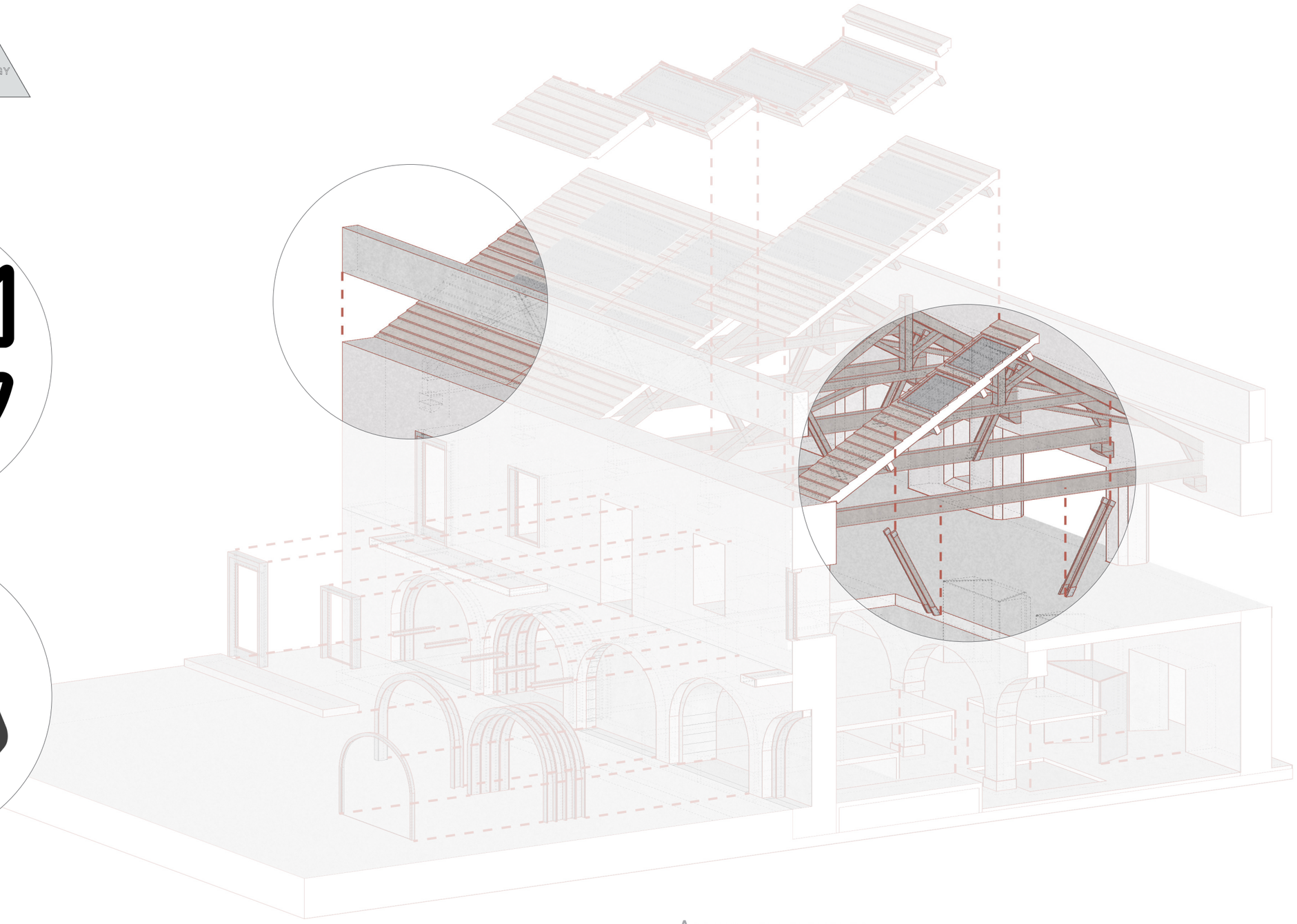




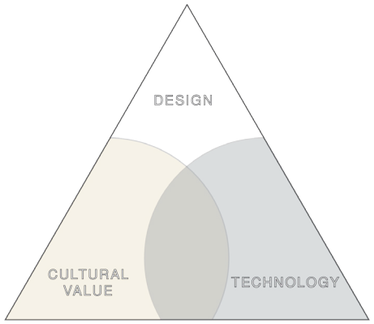
ADDING NEW ELEMENTS

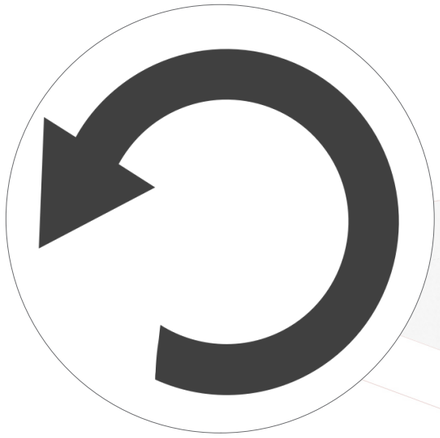


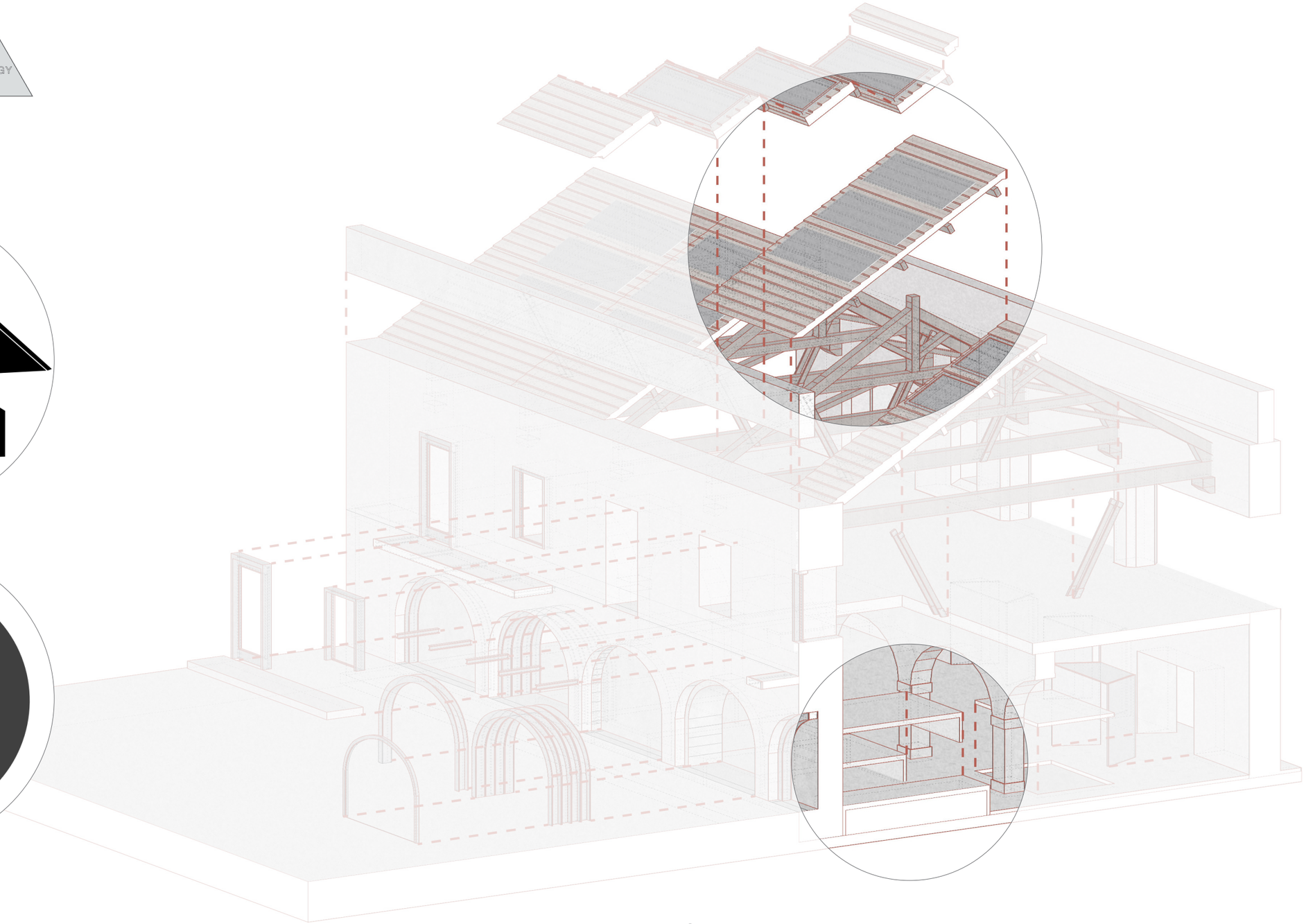




Adding new elements







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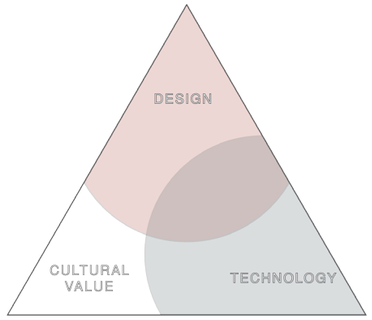
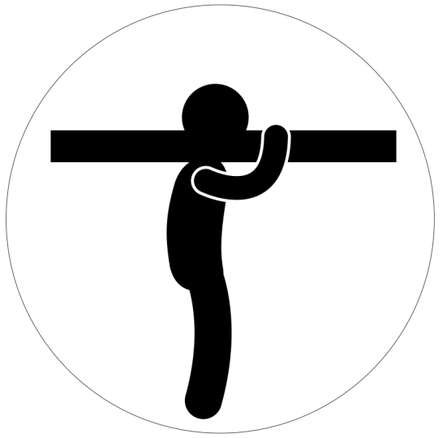
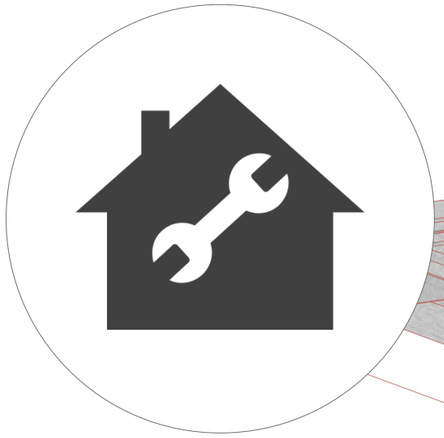
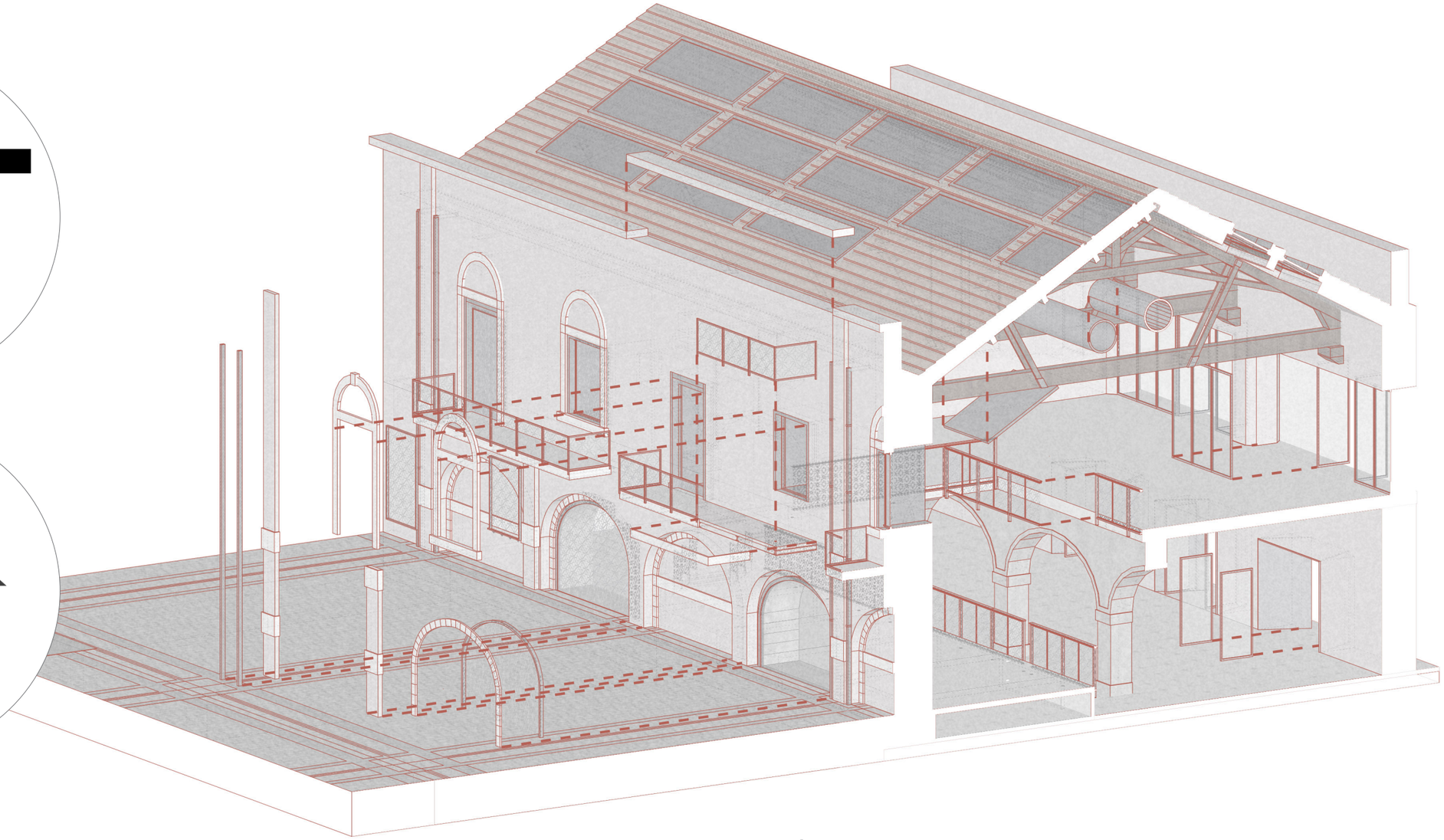
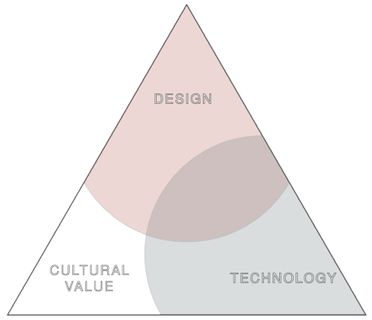


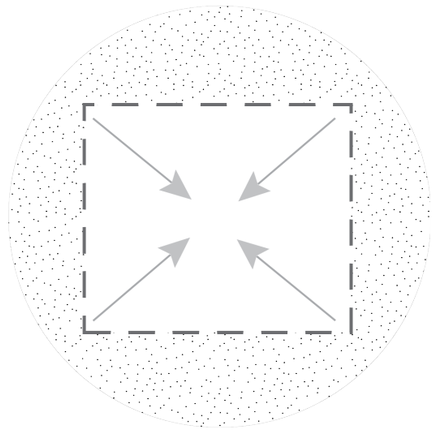


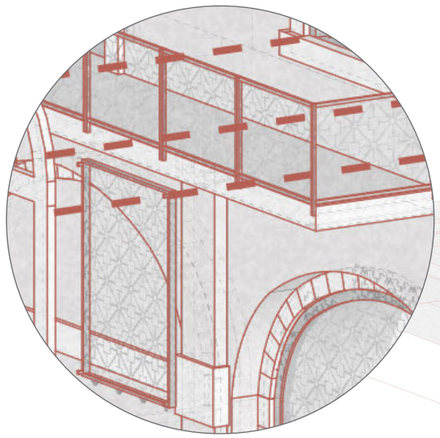


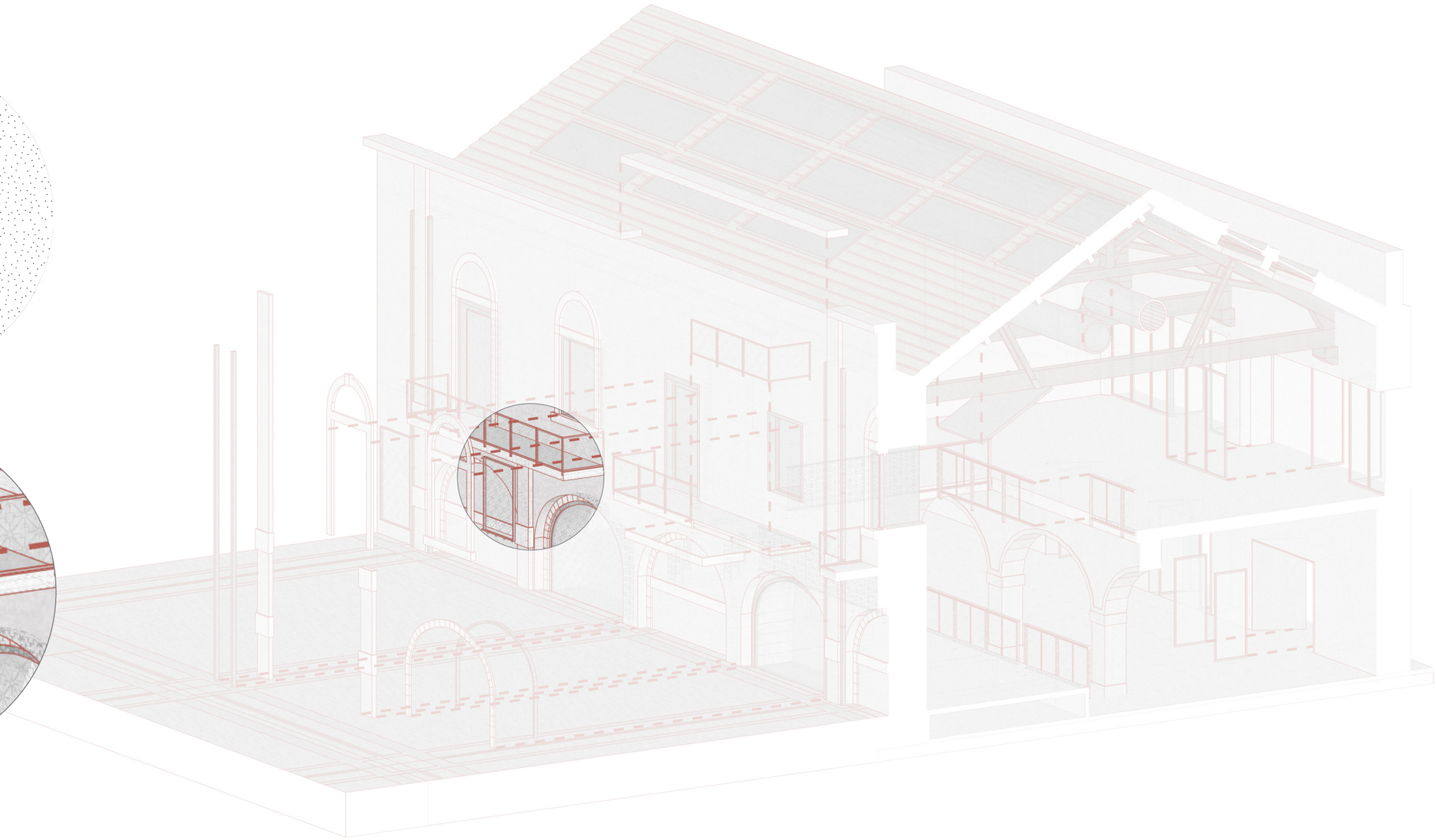


ADDING DETAIL









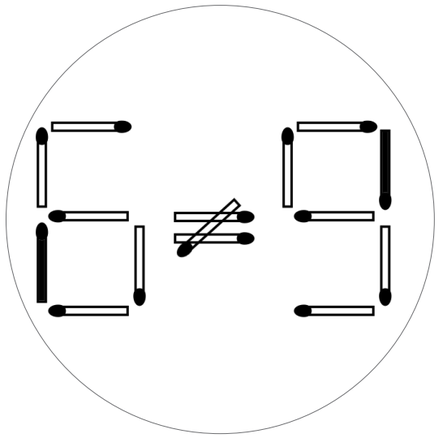
ADDING DETAIL

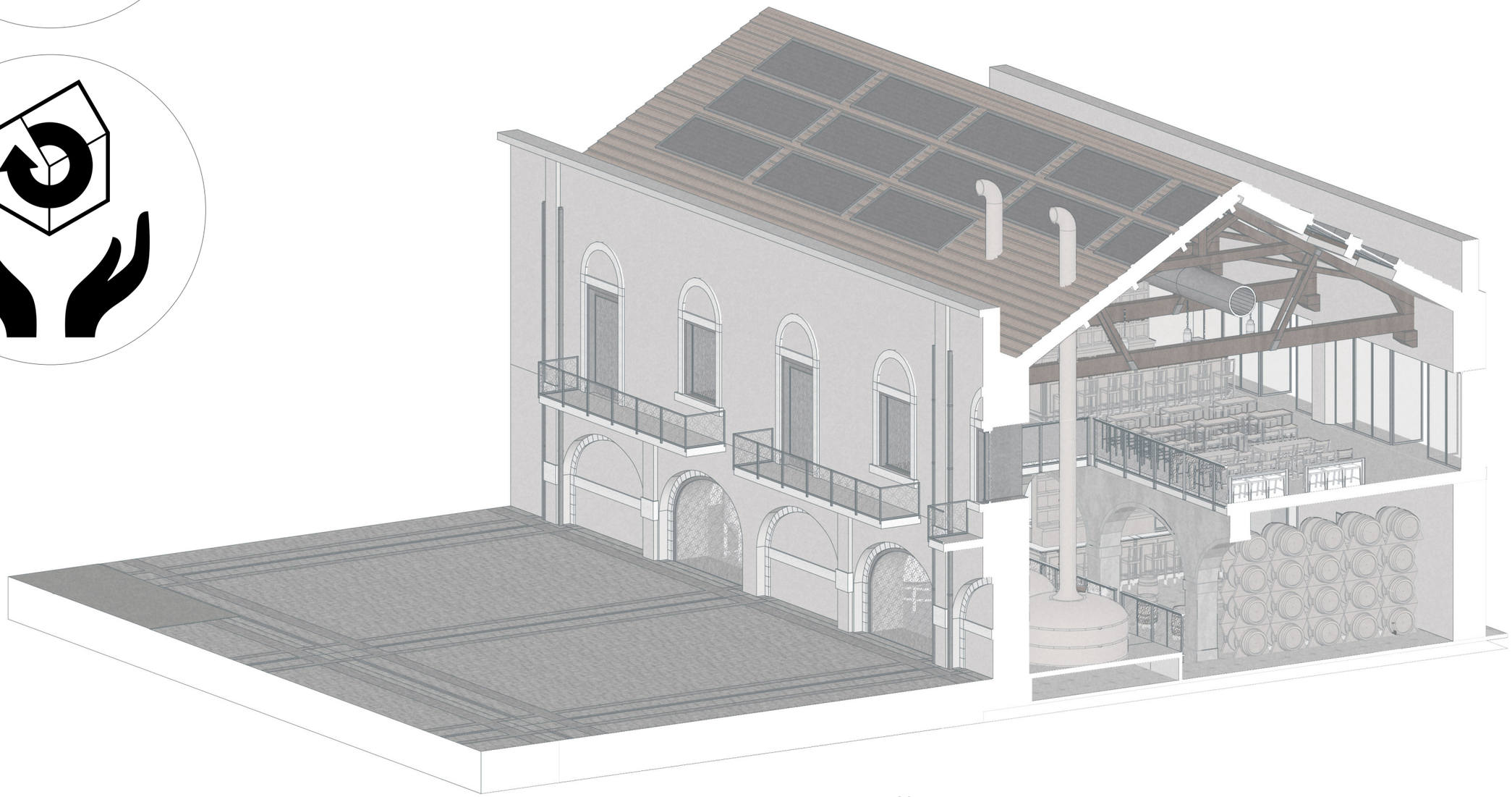
Reference to bars

Reference to street tile pattern

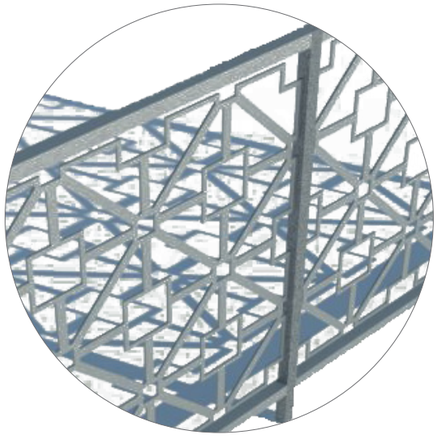
Punta della Dogana, Tadao Ando

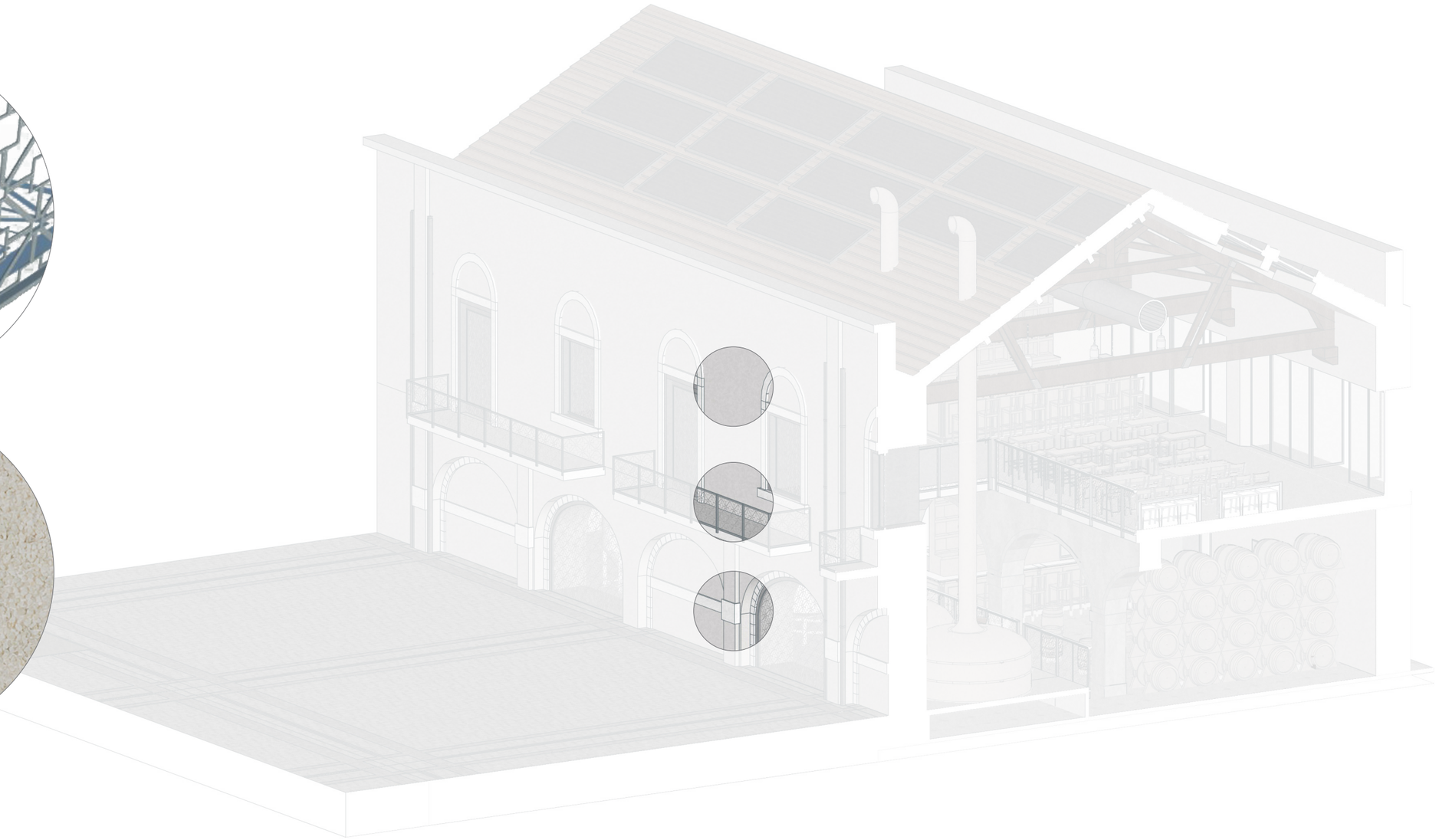
City hall Deventer, Neutelings Riedijk





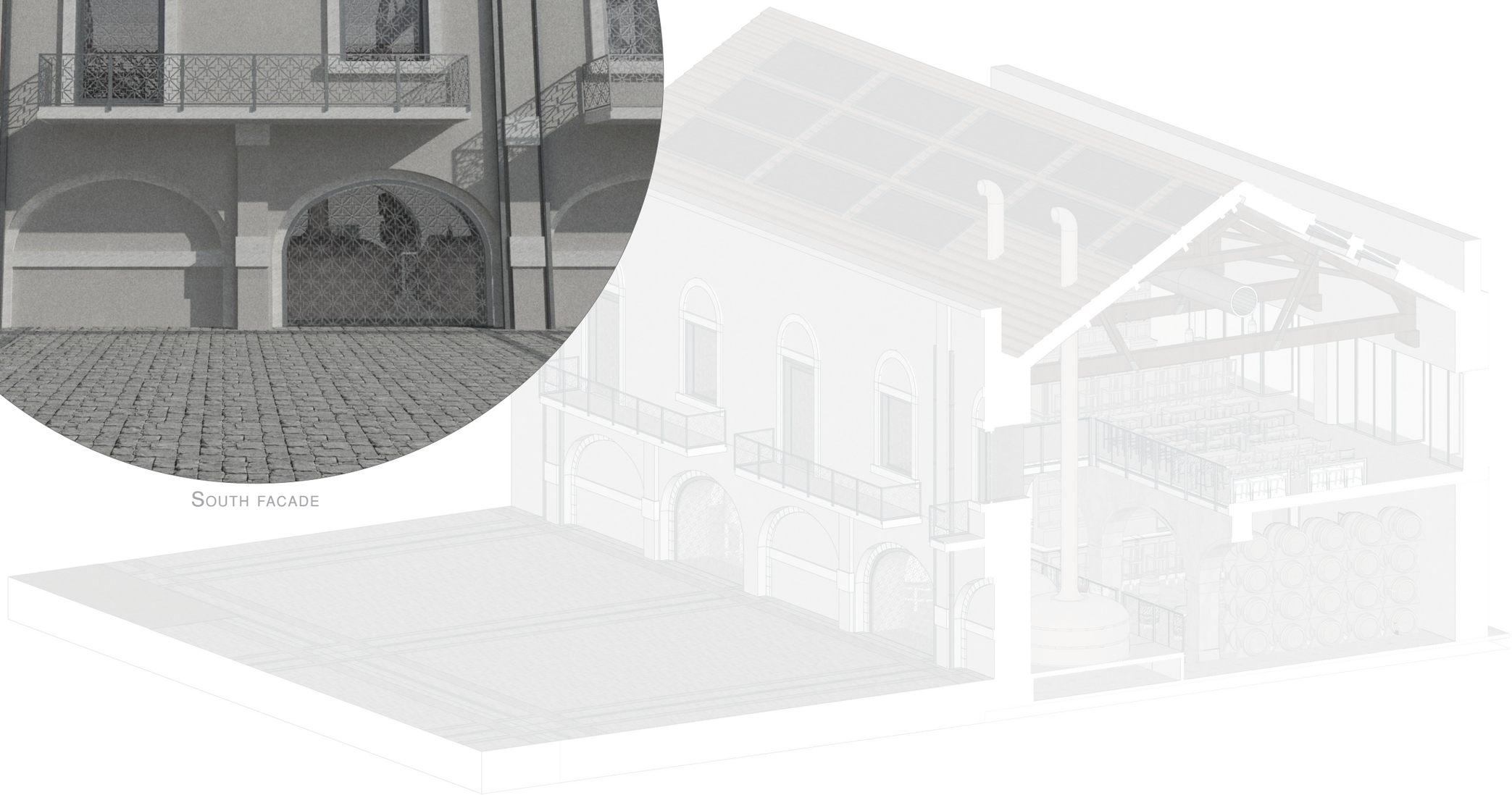
New situation



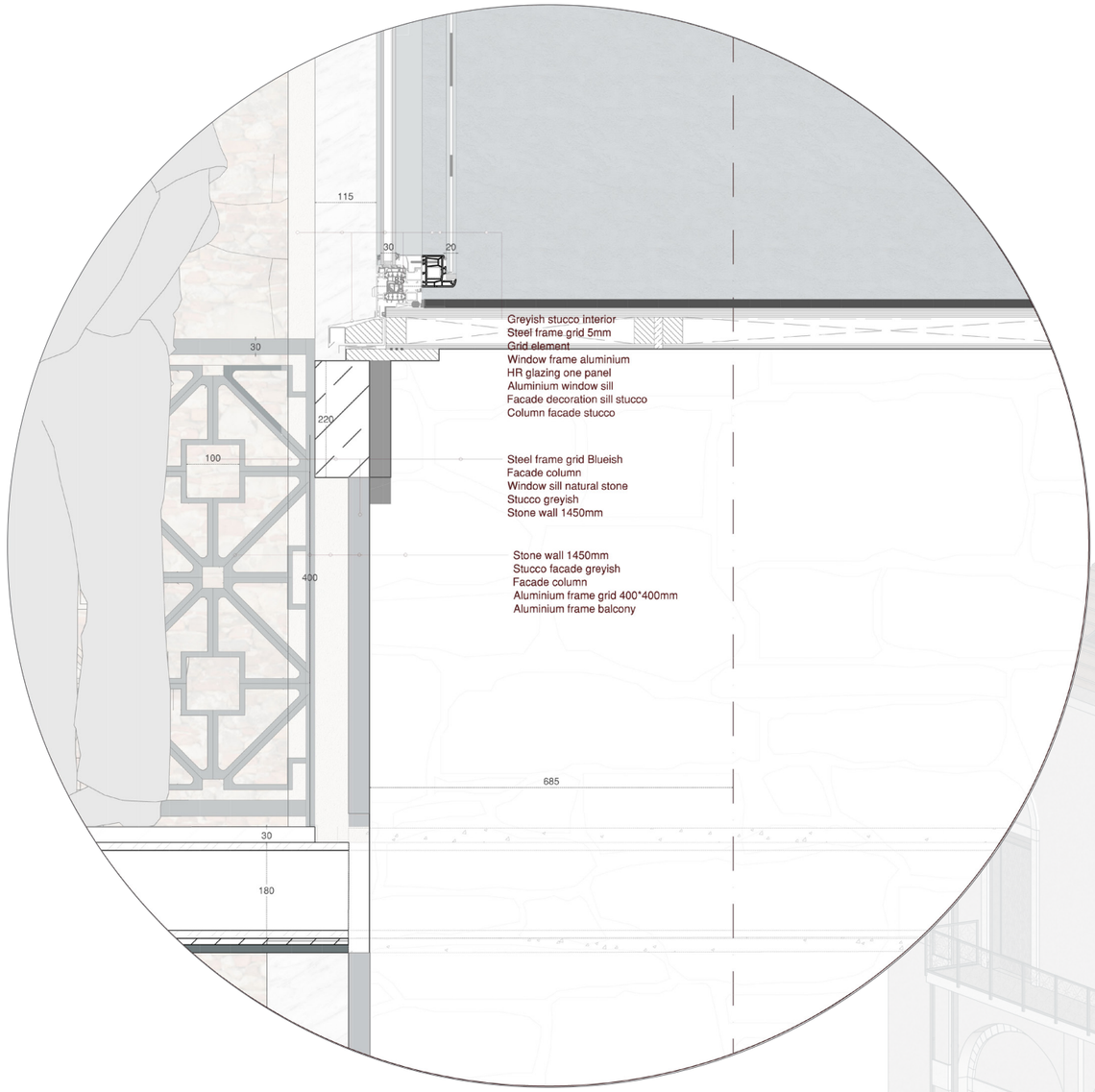


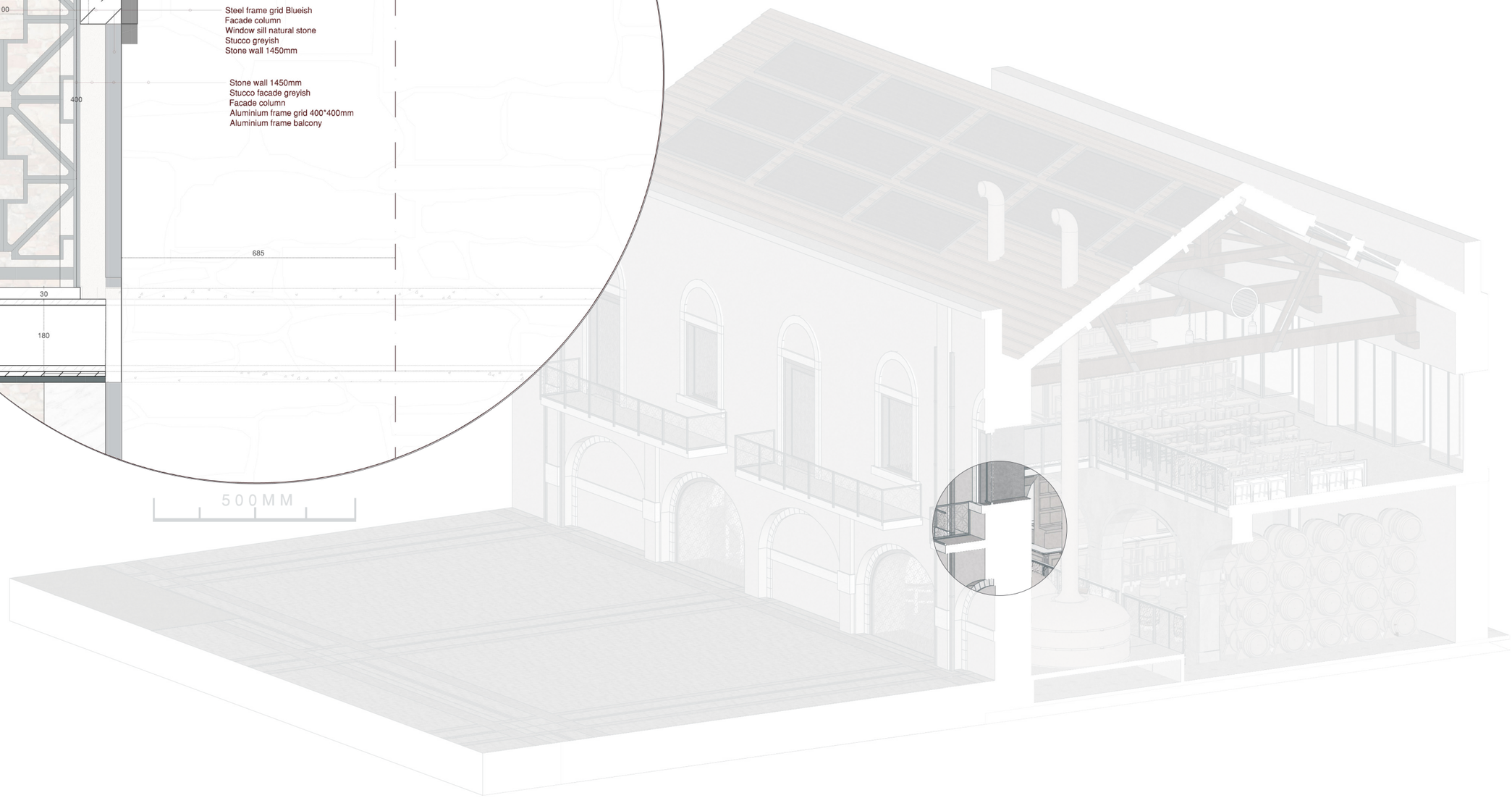
New situation

South facade

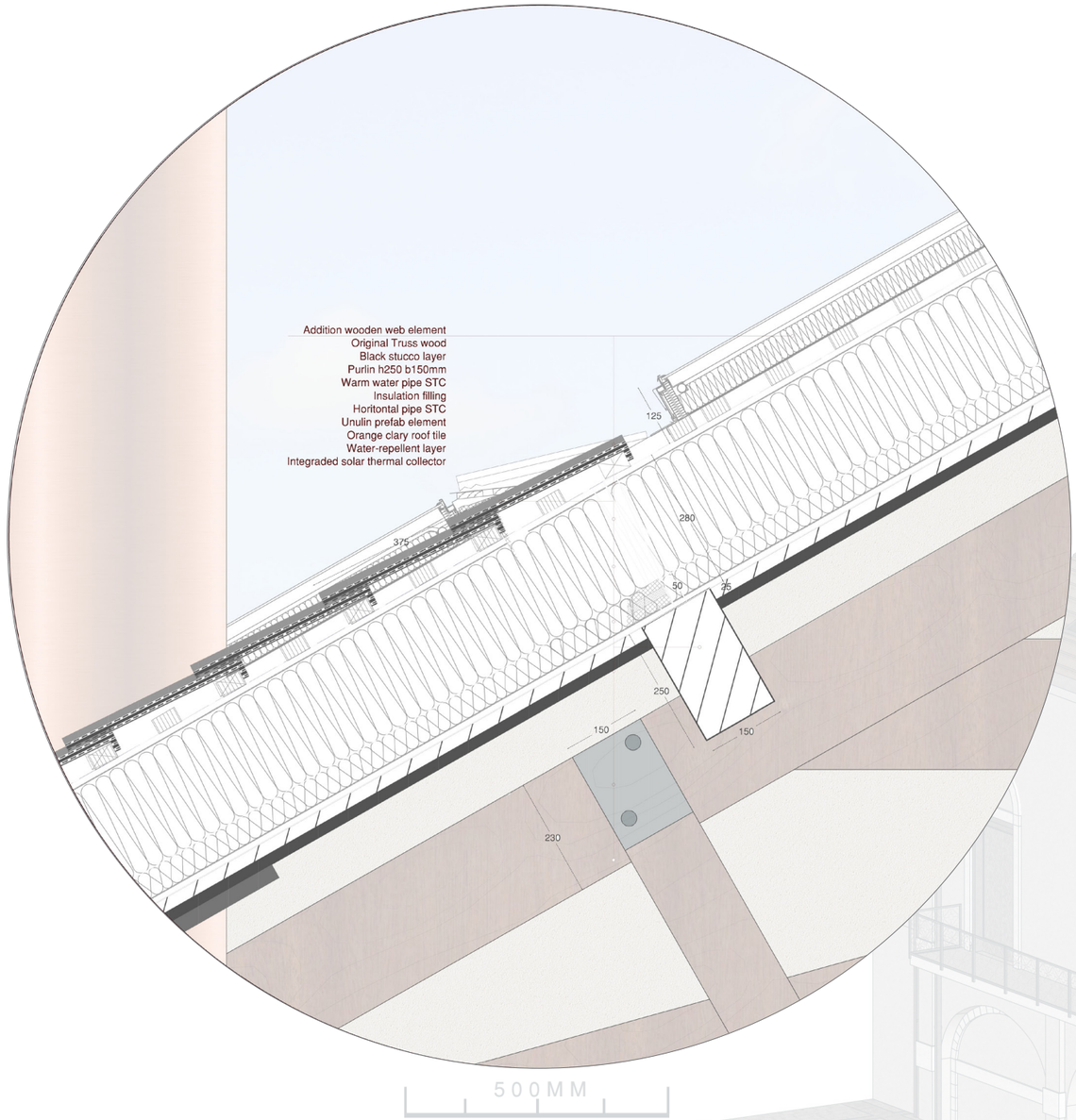


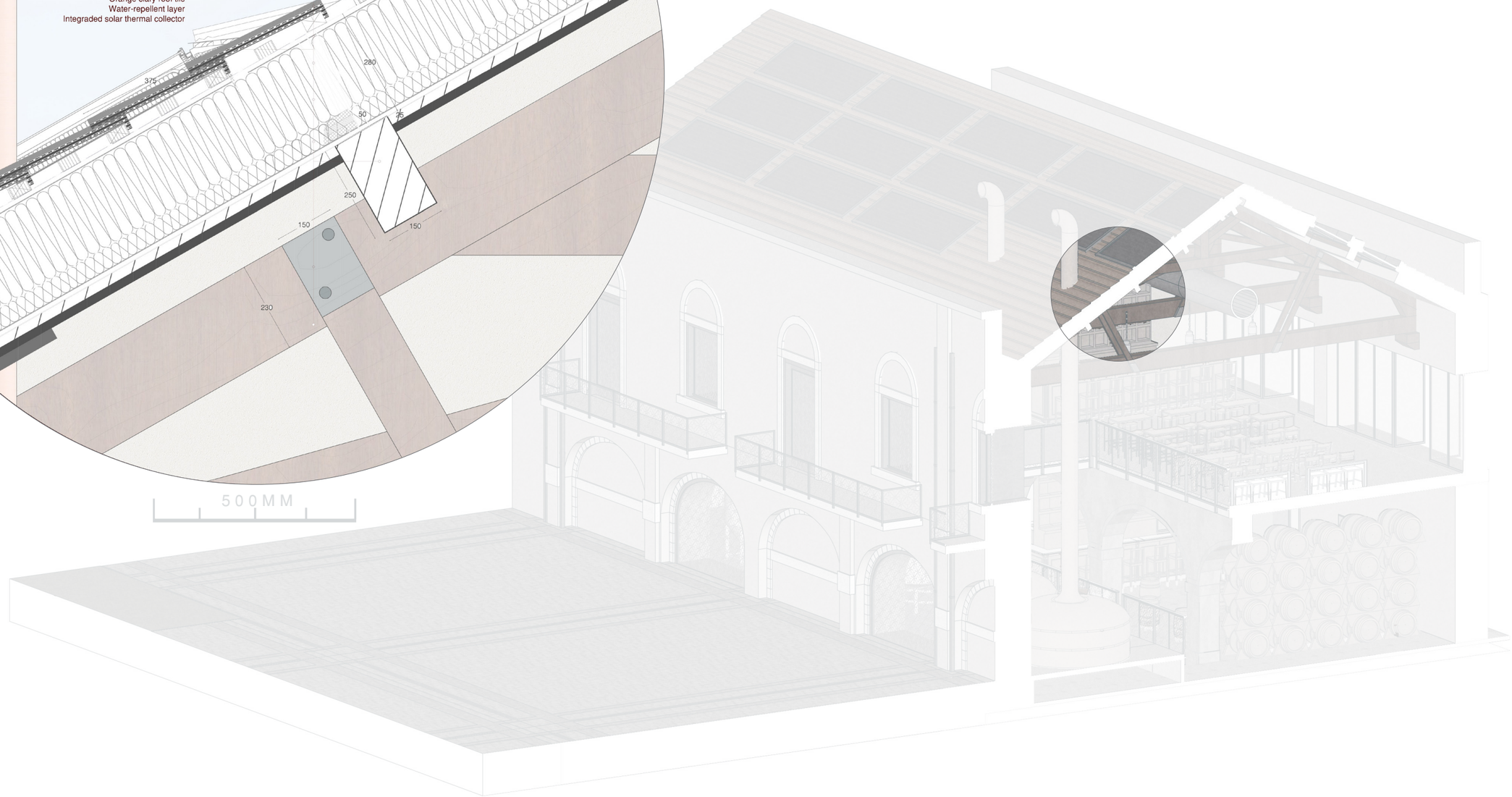
New situation



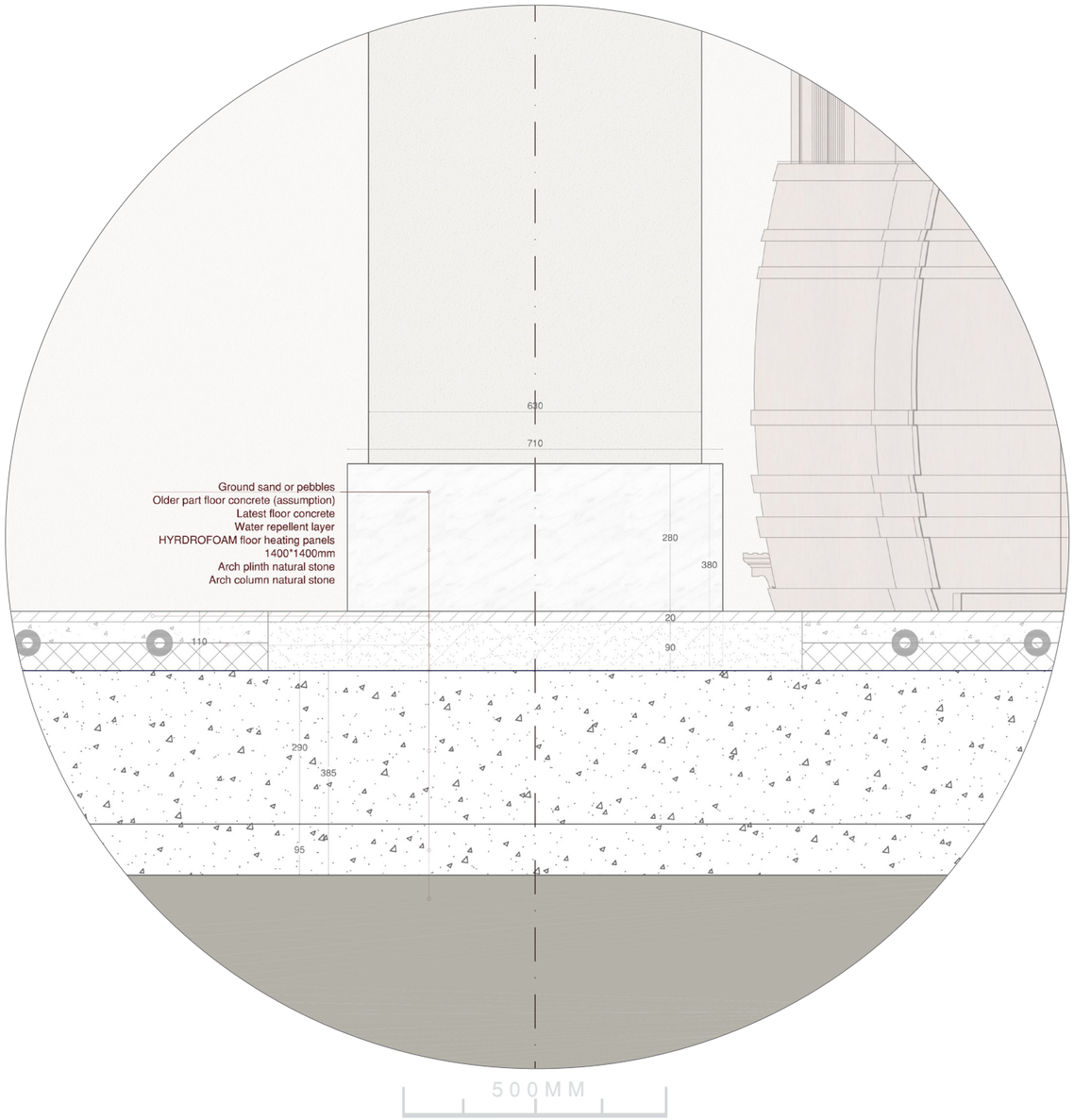


NEW SITUATION

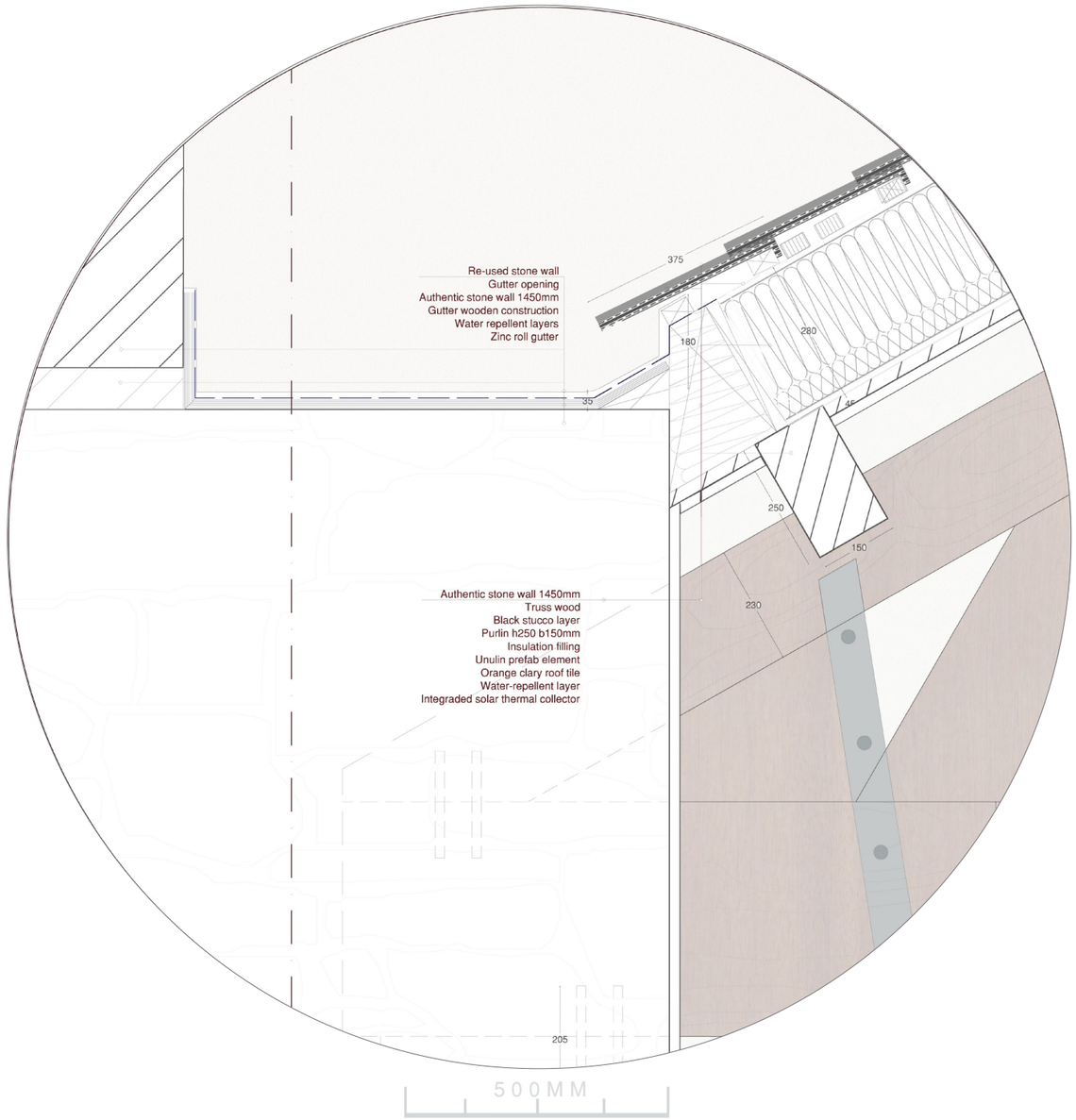


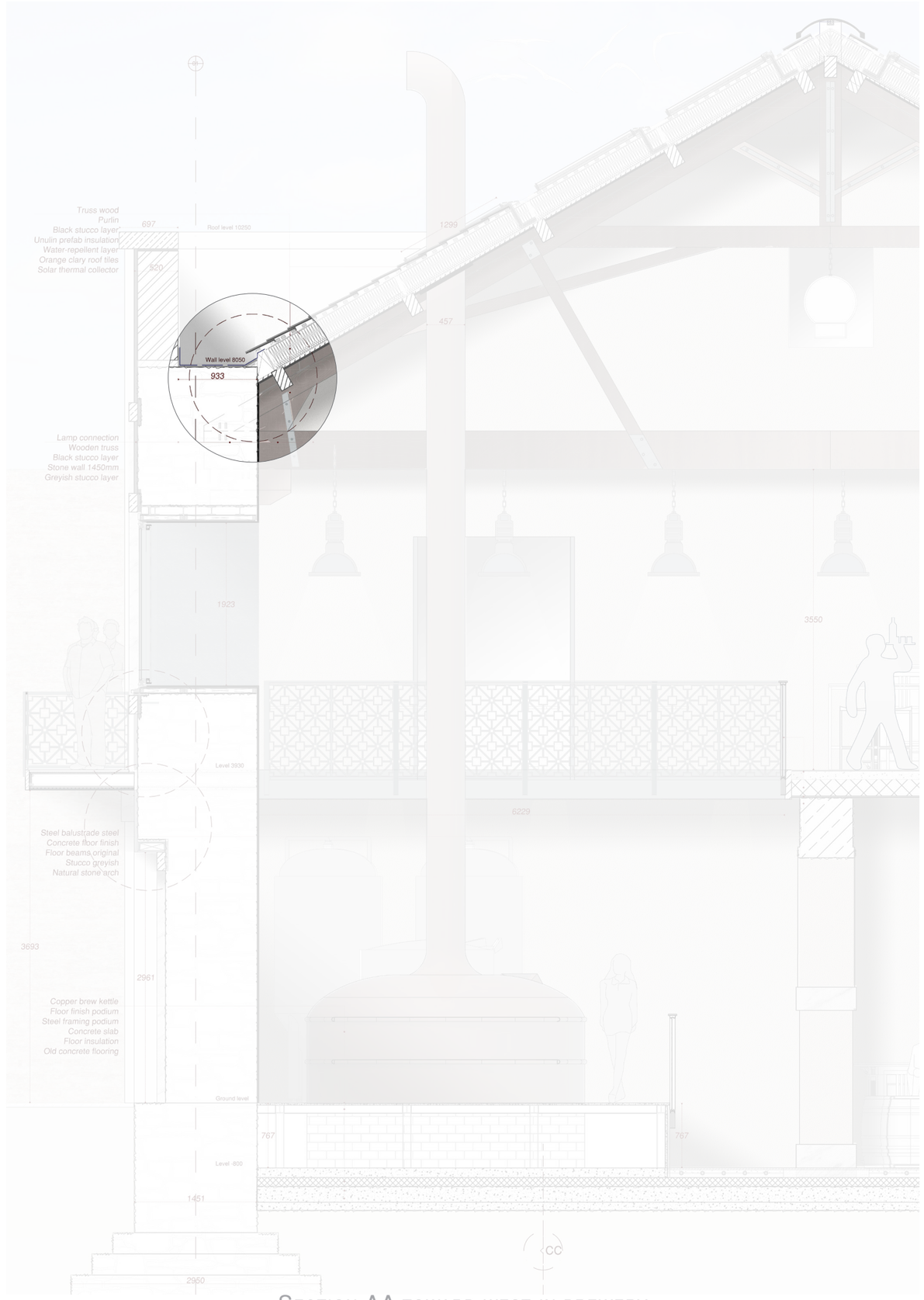


New situation

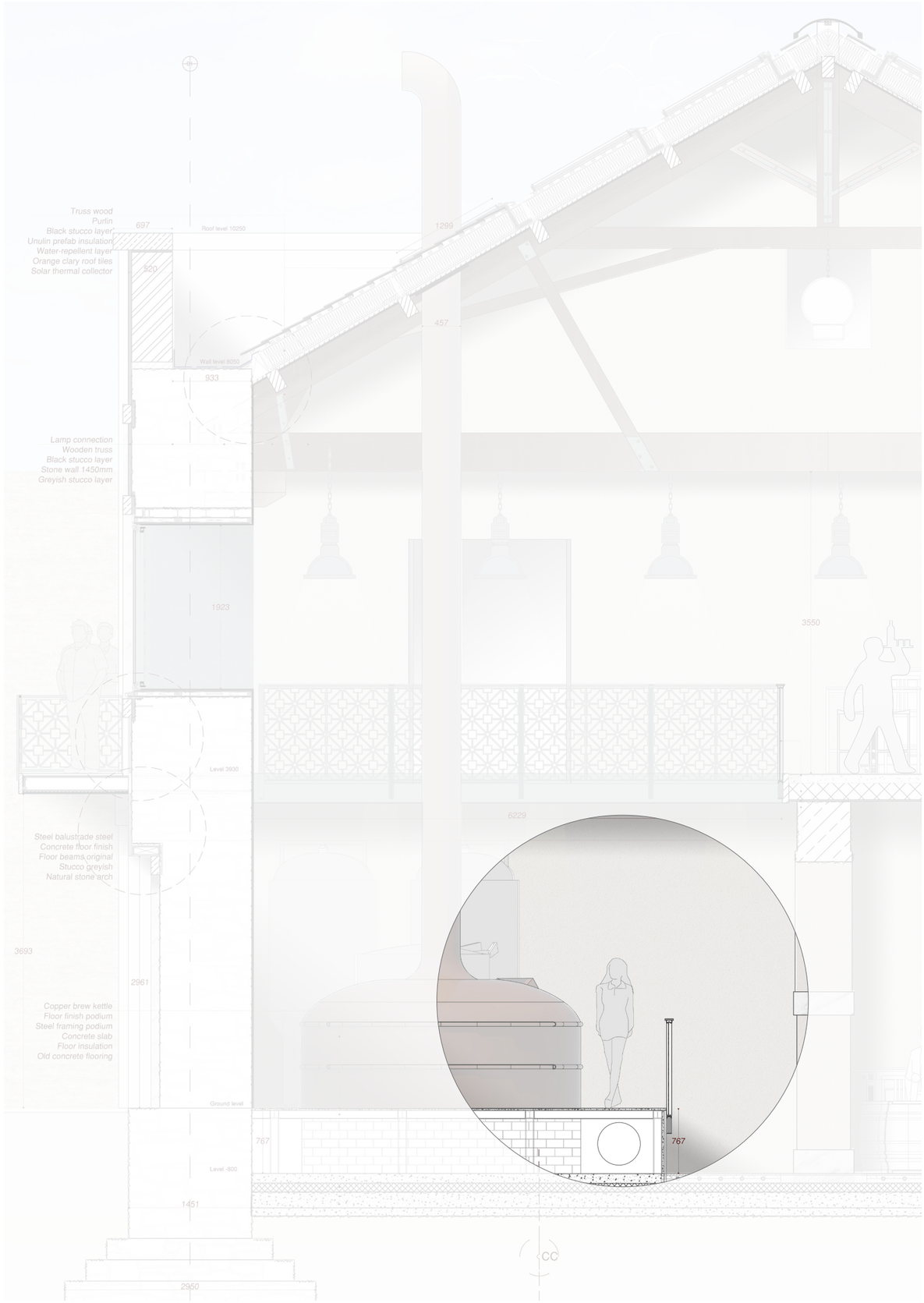


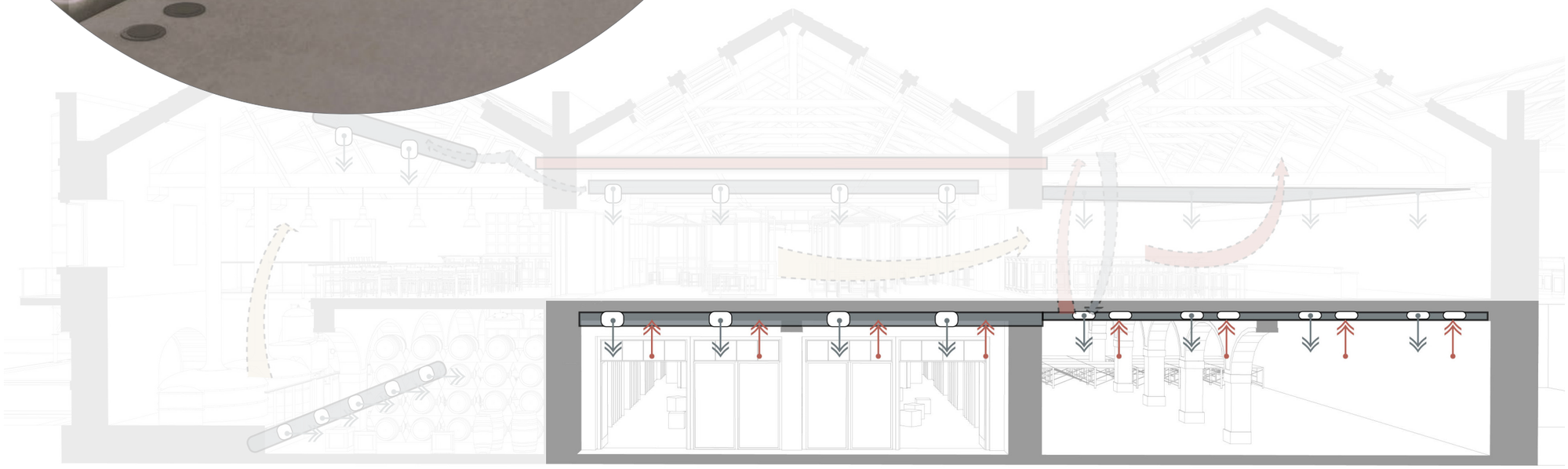
SECTION AA TOWARD WEST IN BREWERY





SECTION AA TOWARD WEST IN BREWERY


Truss wood
Purlin
Black stucco layer
Unulin prefab insulation
Water-repellent layer
Orange clary roof tiles
Solar thermal collector
697
Roof level 10250
320
1299
457
Wall level 8050
933
Lamp connection
Wooden truss
Black stucco layer
Stone wall 1450mm
Greyish stucco layer
1923
3550
Level 3930
6229
Steel balustrade steel
Concrete floor finish
Floor beams original
Stucco greyish
Natural stone arch
3693
2961
Copper brew kettle
Floor finish podium
Steel framing podium
Concrete slab
Floor insulation
Old concrete flooring
Ground level
767
767
Level -800
1451
2950
CC



Introduciton

Research method
Workshop
City impression
The plan area

Research & analysis

Technical values
transformation strategy

A Modern manufacturing complex

Development complex
Cultural value
Transformation framework
Strategy
Function & use
Design concept

Match

Design concept
Function & use
Design expression

The meeting spot

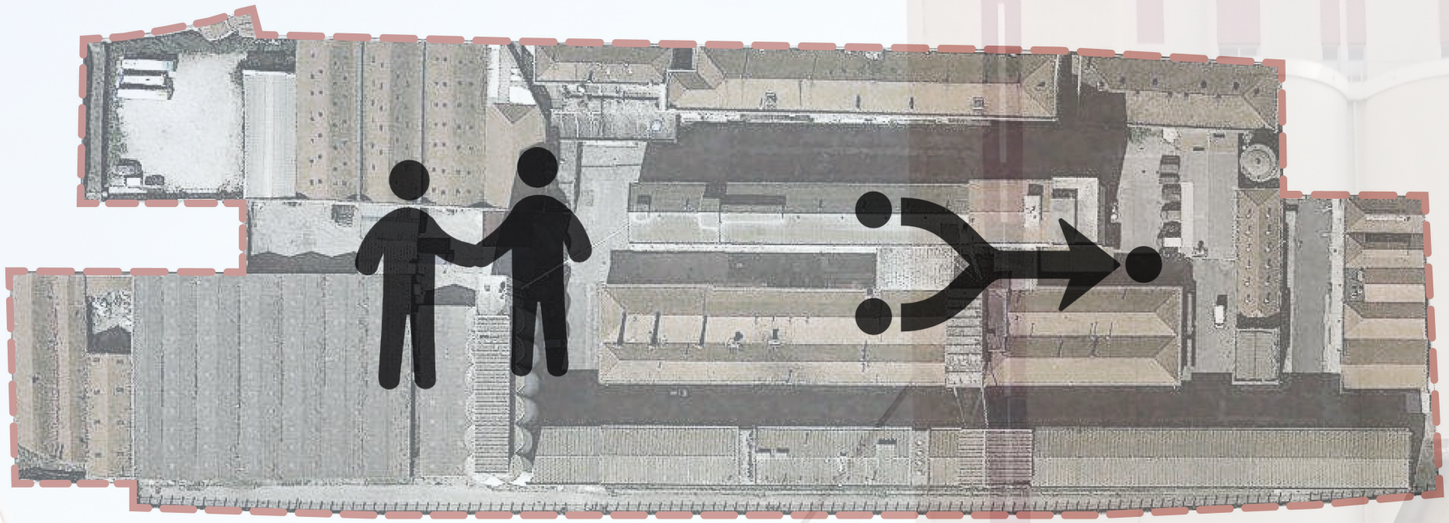
Function & use
Design concept

Technique

Transformation concept
Reference
Transformation design
Climate design

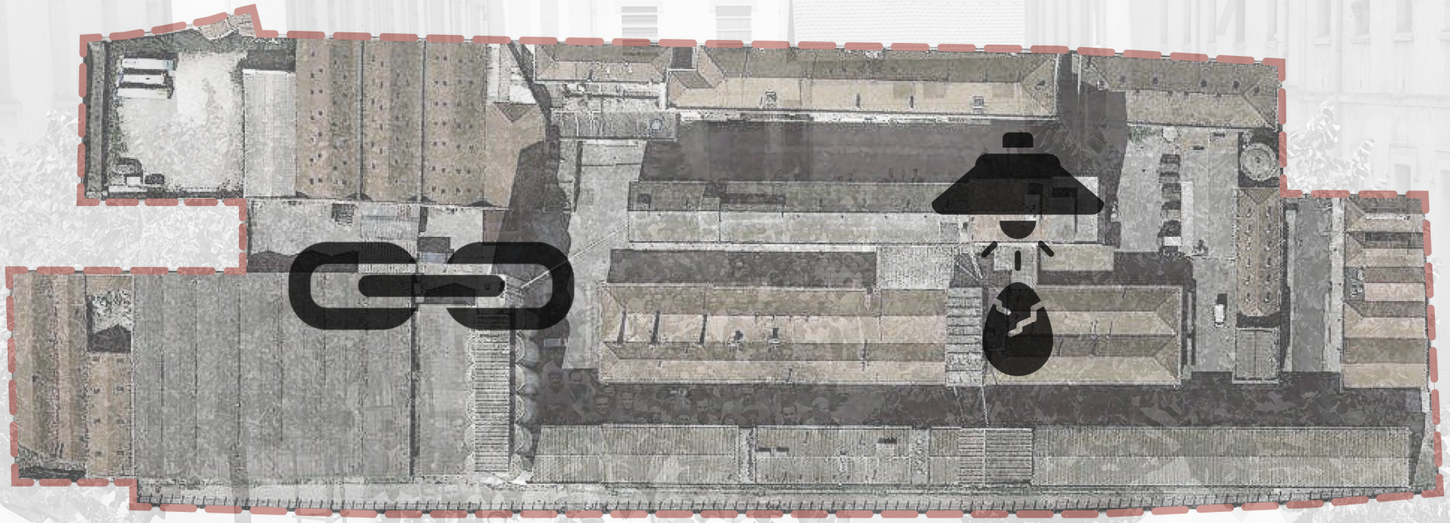
Conclusion

Reflection
Closing
Discussion



HOW CAN AN ENCLOSED INDUSTRIAL AREA WORK TOGETHER WITH THE URBAN SURROUNDINGS AS A TOOL TO BECOME A RECONNECTED INCUBATOR FOR FUTURE DEVELOPMENTS

START-UP COMPANY BY MUNICIPALITY



HOW CAN AN ENCLOSED INDUSTRIAL AREA WORK TOGETHER WITH THE URBAN SURROUNDINGS AS A TOOL TO BECOME A RECONNECTED INCUBATOR FOR FUTURE DEVELOPMENTS

CREATIVE HUB ON MMC VISITED BY MUNICIPALITY

MATCH

DISCLOSING THE MILITARY CITY LISBON

A CHARACTERISTIC COMPLEX
RESPECTS THE PAST
RECONNECTS WITH THE CITY
ENHANCES THE EXISTING

THE MEETING SPOT


MATCH
DISCLOSING THE MILITARY CITY LISBON
A CHARACTERISTIC COMPLEX
RESPECTS THE PAST
RECONNECTS WITH THE CITY
ENHANCES THE EXISTING
A MATCHING NEW PURPOSE

MATCH

DISCLOSING THE MILITARY CITY LISBON

Analysis group

- Docomomo workshop Lisbon 2016
- Groups analysis. Disclosing the military city Lisbon, Heritage Studio Delft
- Spatial & technical groups analysis street. Group 04 Lisbon Heritage studio
- Documentation Docomomo international http://www.docomomo2016.com/workshop
- Photographs taken by Graduation group Lisbon, Heritage & architecture studio Lisbon 2017

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- Machiel van Dorst, Privacyscript : de invloed van architectuur op sociale interactie in woongebouwen
- Privacy script - de invloed van architectuur op sociale interactie in woongebouwen
- Hofstede, Gert Jan. Exploring culture – exercises, stories and synthetic cultures. The way culture works with case studies
- Spoonley, Paul. Social cohesion: a policy and indicator framework for assessing immigrant and host outcomes Indicators for creating social cohesion

precedents

- Stadhuis Deventer – Neutelings & Riedijk architecten
- Zecc architecten, Foodhall Hilversum. Food hall with beer brewery inside old warehouse building
- Material Focus: Expansion Inspired by Portuguese Tiles by João Tiago Aguiar. Portuguese façade pattern based on characteristic tiles
- TAdao Ando – Punta Della DOgana Museum – Venice
  http://www.palazzograssi.it/it/about/spazi/punta-della-dogana/
- Biennale Ventie: Arsenal
  http://www.archdaily.com/788809/12-things-you-need-to-see-at-the-2016-venice-biennale-reporting-from-the-front-selection-one
- Tese of Novissima
  http://www.mantovani-group.it/index.php?area=40&menu=52&page=599&CTLGIDC=2&CTLGIDP=24&lingua=1
  http://www.map-studio.it/project/cultural-centre-inside-an-ancient-crane/

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