

A collective Binnengasthuis area

P5 presentation C.A. Nykamp



1.0 INTRODUCTION & LOCATION



2.0 PROBLEMSTATEMENT



3.0 RESEARCH & DESIGN



4.0 CONCLUSION & RELFECTION



1.0 INTRODUCTION & LOCATION

HERITAGE & ARCHITECTURE

Studio:

Heritage & Cultural Value

Heritage & Housing

Heritage & Technology

Theme:

19 century institutional architecture

80's architecture

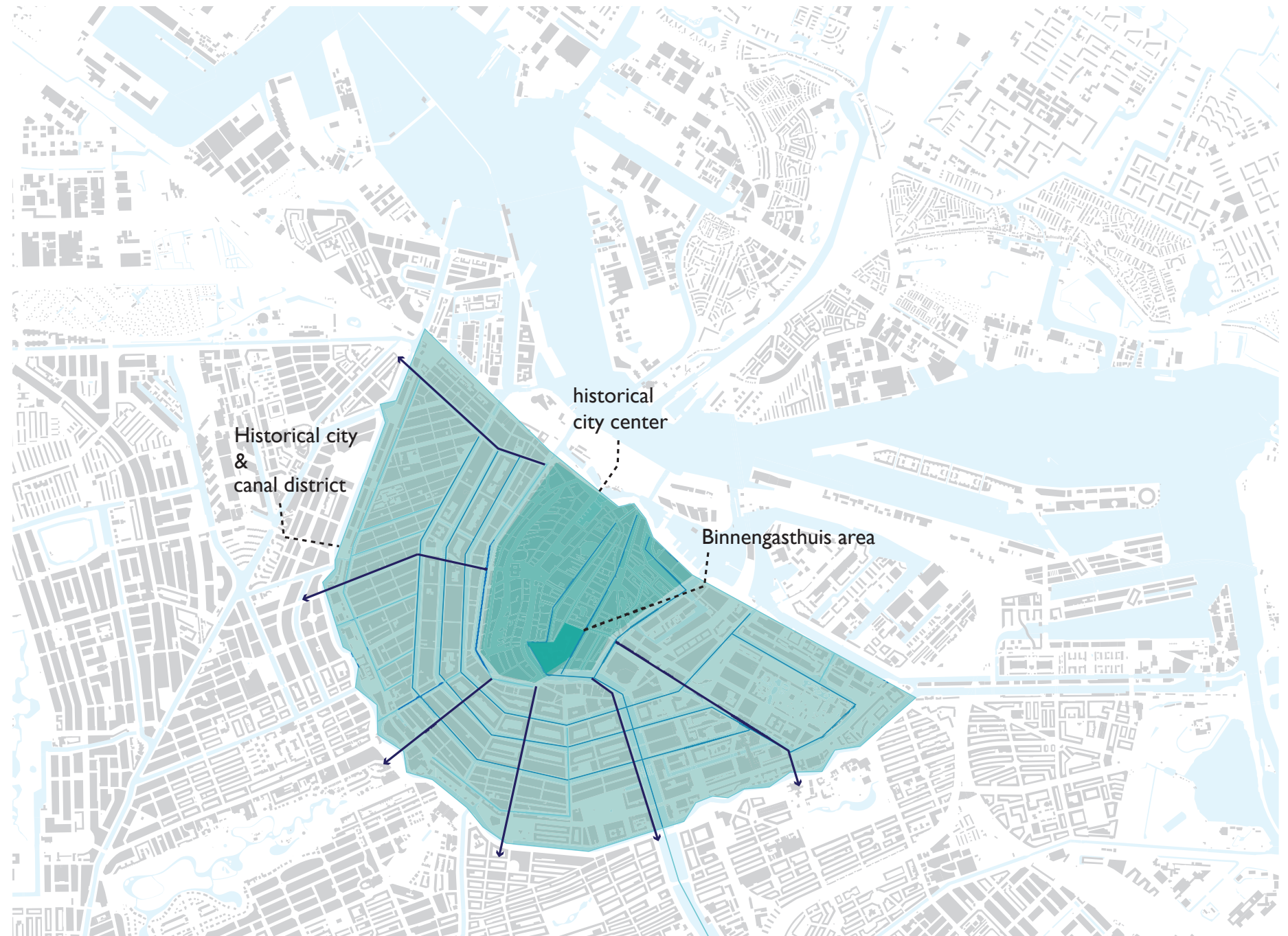
Renovated re-used and transformed buildings

Urban situation op the Binnengasthuis area

1.0 INTRODUCTION

Location

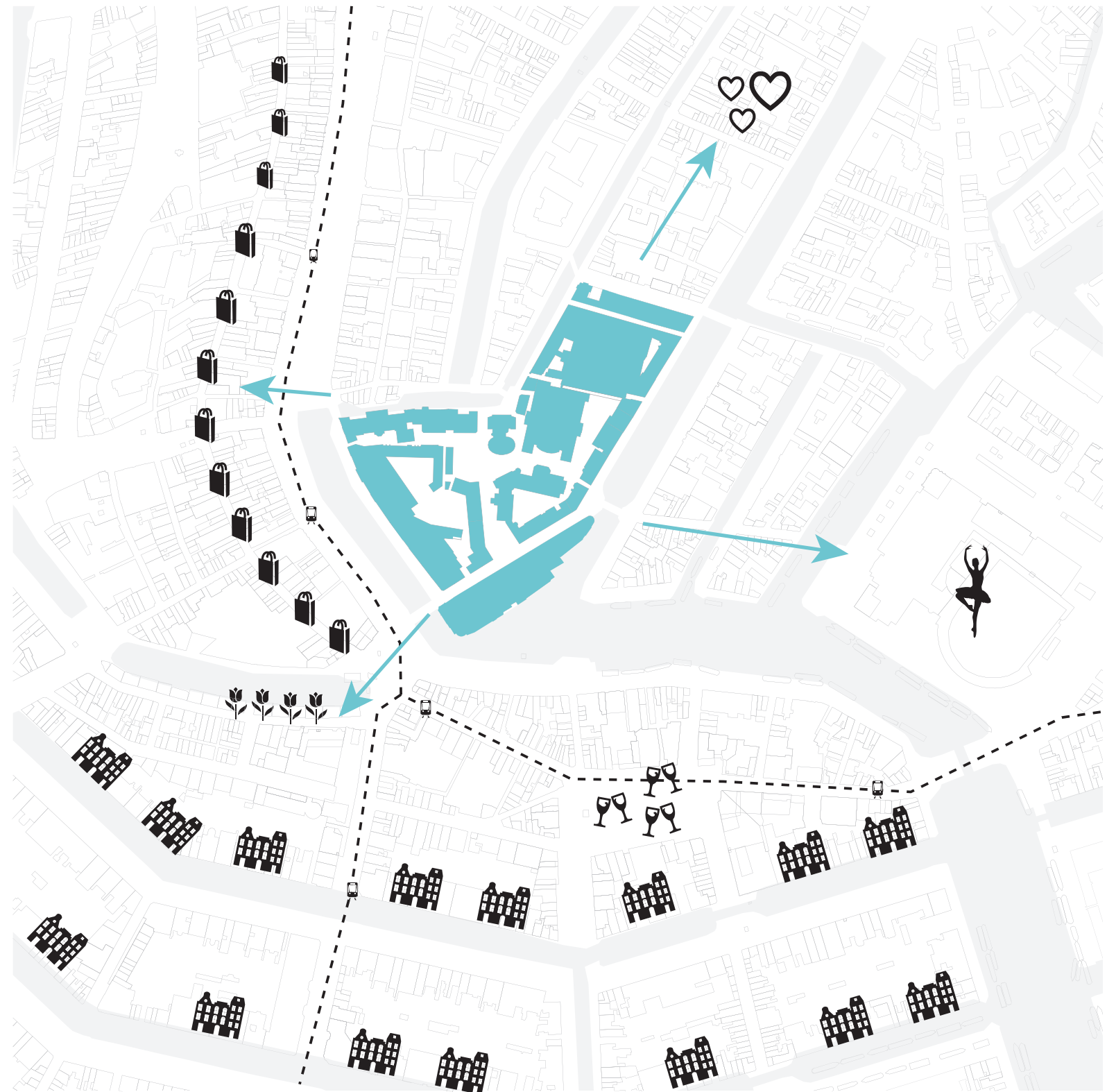
Southern part of
the historical city
center



1.0 INTRODUCTION

Location

In the heart of the
city



1:5000

1.0 INTRODUCTION

Location

Historical part of
the city center



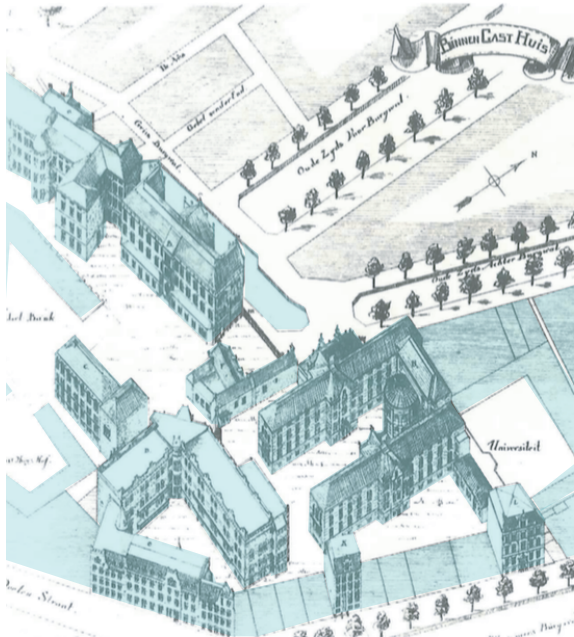
1500

monastery



1900

hospital



NOW

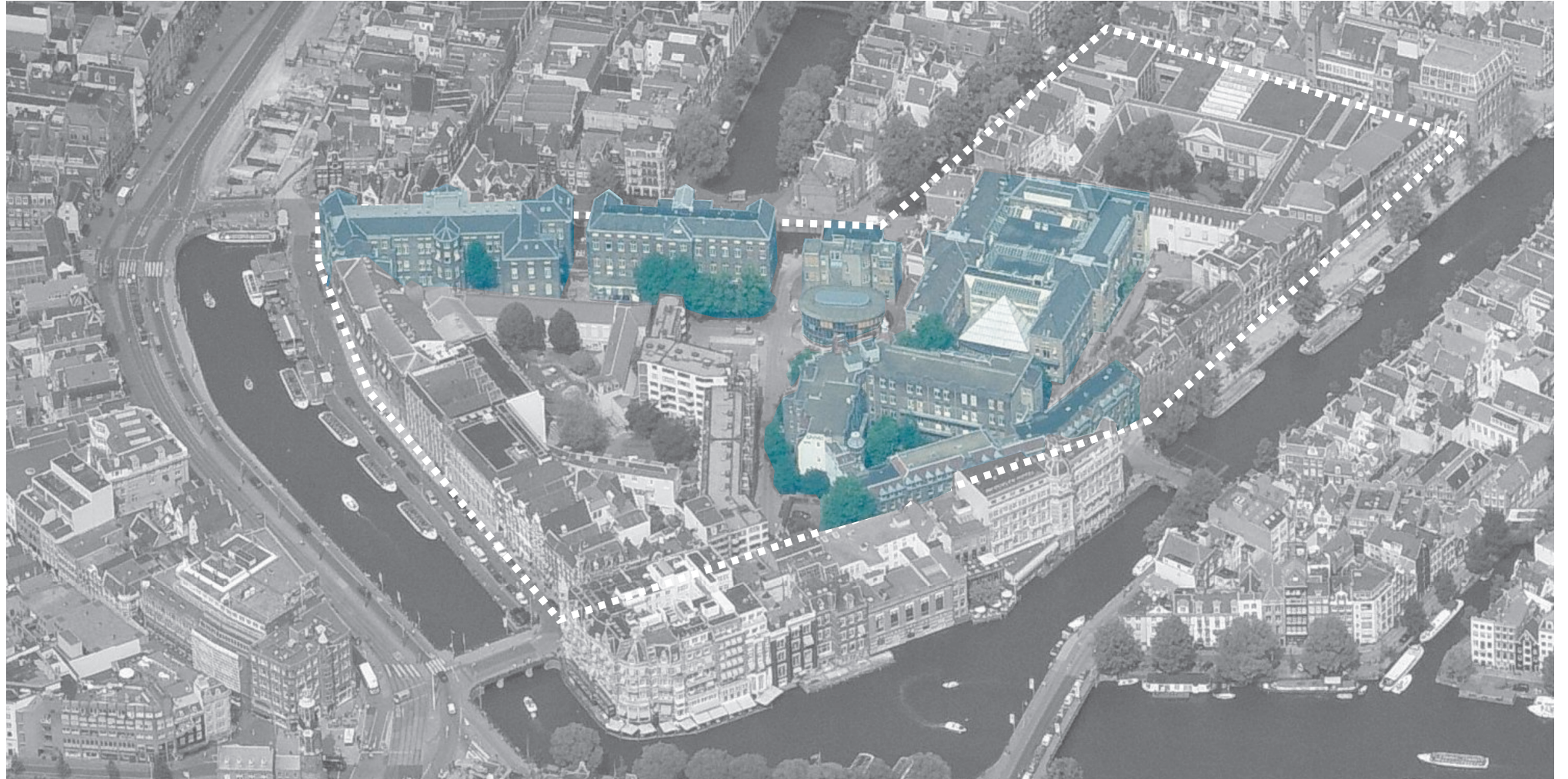
university



1.0 INTRODUCTION

Location

Today city campus
of the University of
Amsterdam



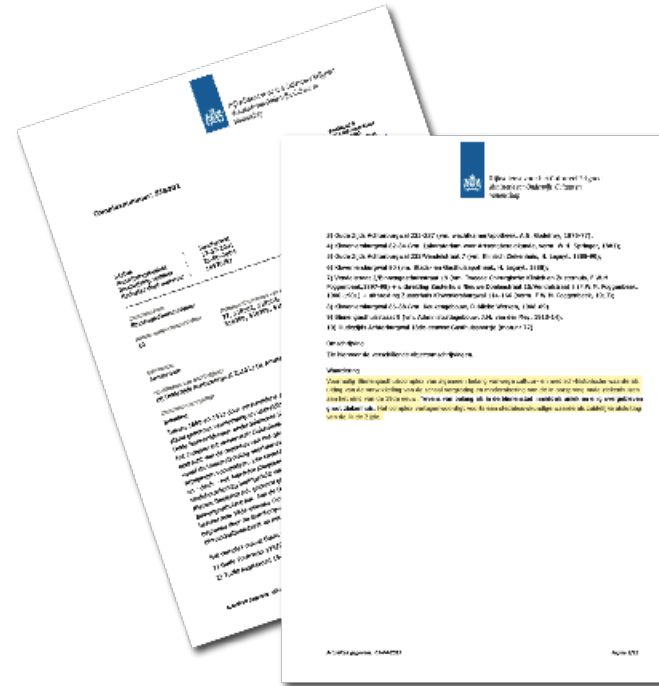


2.0 PROBLEM STATEMENT

2.0 PROBLEMSTATEMENT

Vision of the
Monuments register

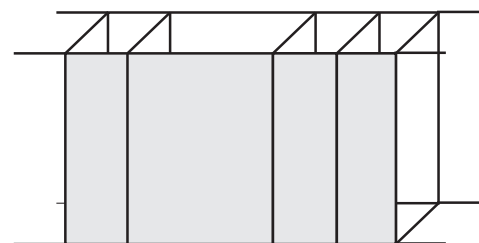
1.



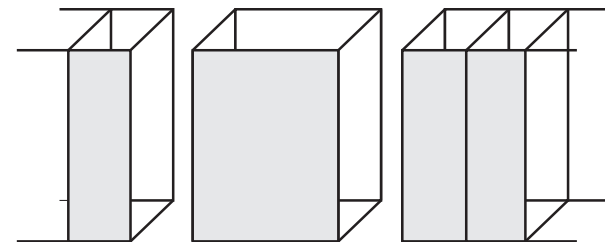
Monuments register

*'The complex of buildings is of general interest, because of the **cultural-historical and medical-historical value** towards the development of expansion and modernization of old hospital buildings at the end of the 19th century. (...) The complex also represents the **urban value of the occlusion of the Old Side**.'*¹

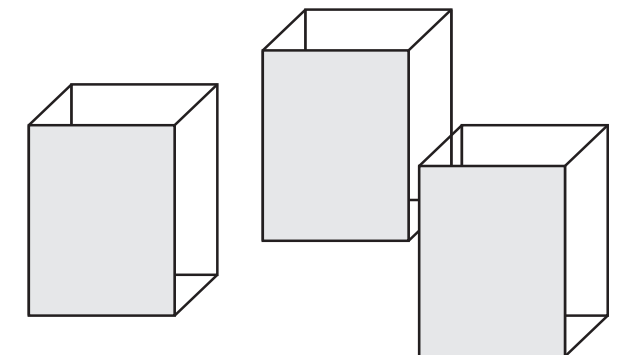
I Rijksdienst voor Cultureel erfgoed, 2015



Typical for Amsterdam



Exceptions



The Binnengasthuis area

2.



- + Open City Campus
- + Relation with art and cultural activities in the center
- + Central meeting place

2.0

PROBLEMSTATEMENT

Visitors perception of the area

+ Mix of styles

+ Incoherent Architecture

+ No sense of a collective of buildings

+ Going -Through zone

+ No functioning center of the area

+ Undefined open space

3.



The Binnengasthuis area

1. Unique collective of buildings
2. Vision of an open and lively city campus
3. Abandoned and incoherent area,
but with great potential

CREATE A LIVELY AND ACCESSIBLE AREA

&

BRING BACK THE COLLECTIVE IDENTITY
OF THE BINNENGASTHUIS AREA



3.0 DESIGN

collective architectural aspects within the area



urban scale



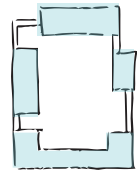
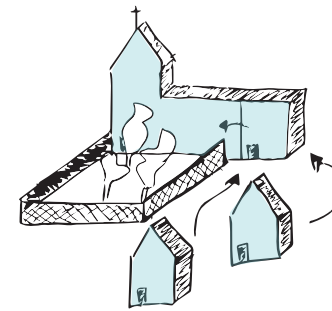
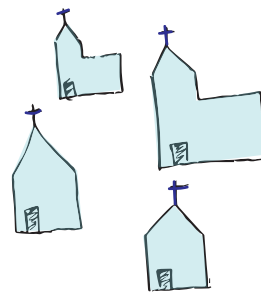
scale of the
collective domain



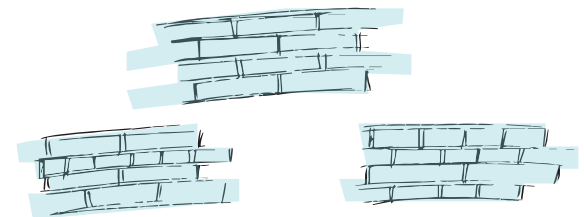
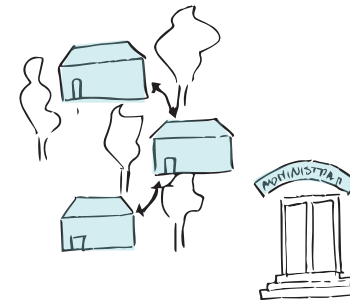
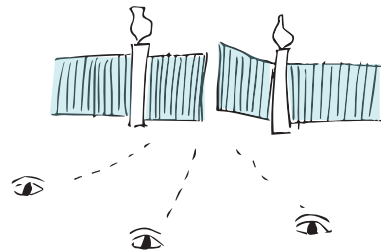
building
scale



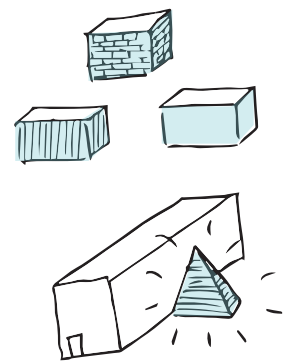
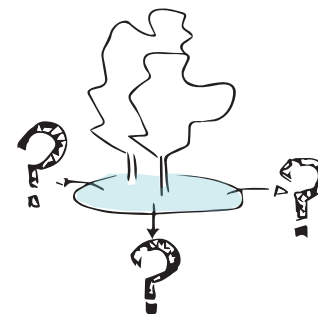
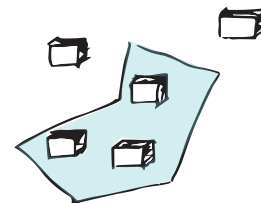
monastery



hospital



university

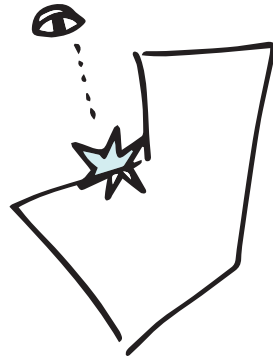


3.0 DESIGN

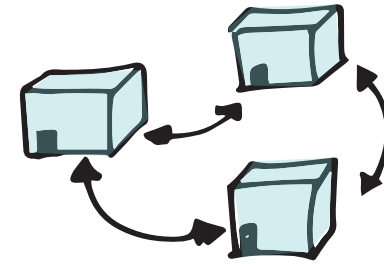
Site specific
Research

Starting points
based on research

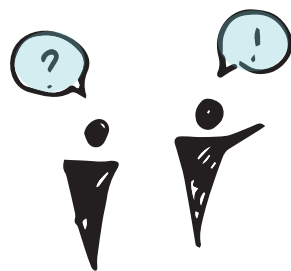
recommendations based on research



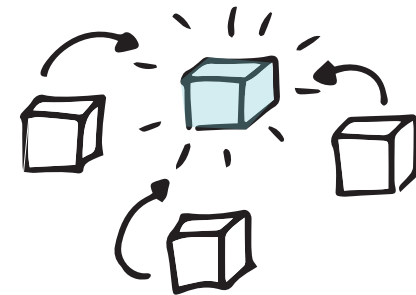
give the area an entrance



connect the monumental
buildings visually



open up the area to the public

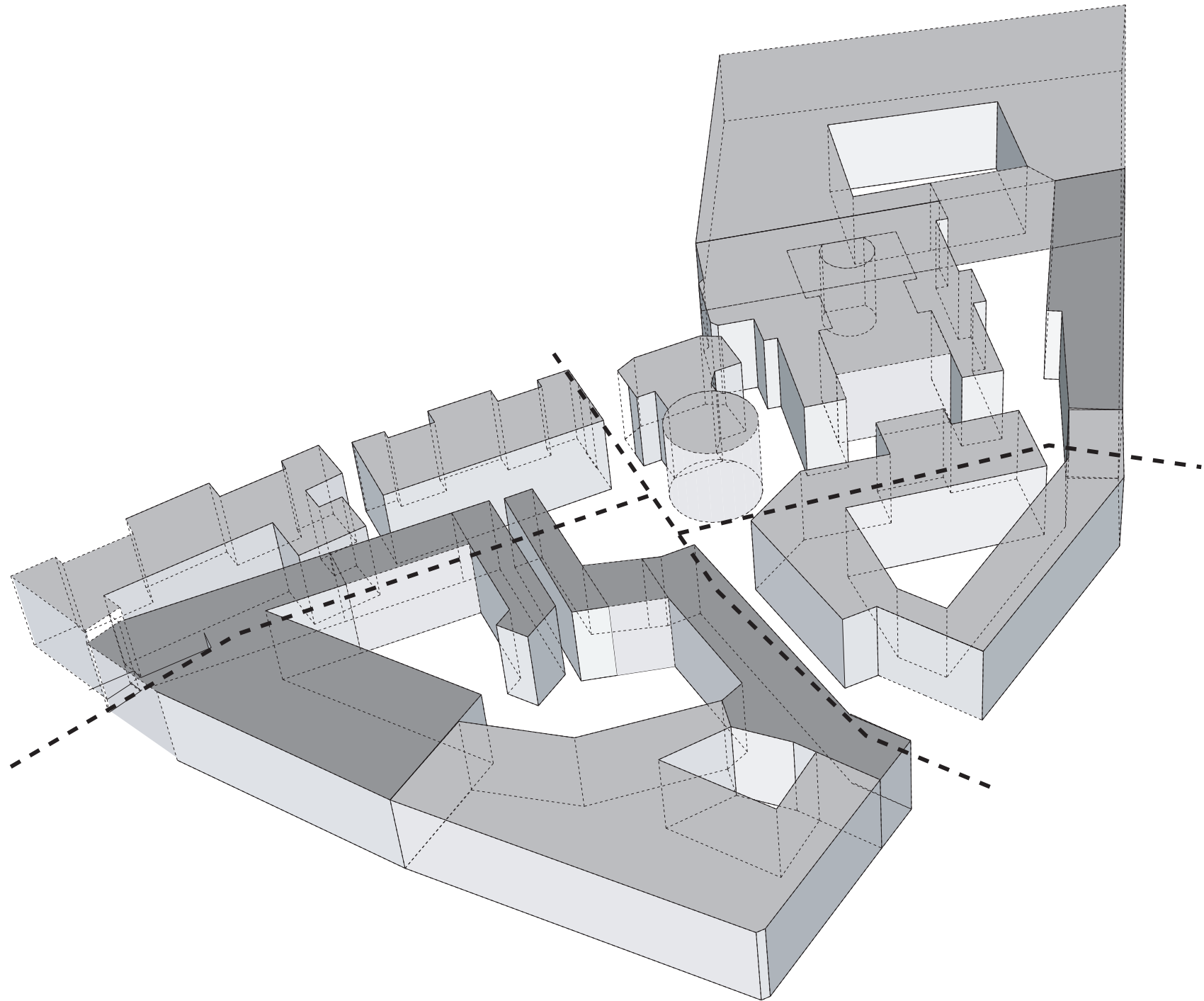
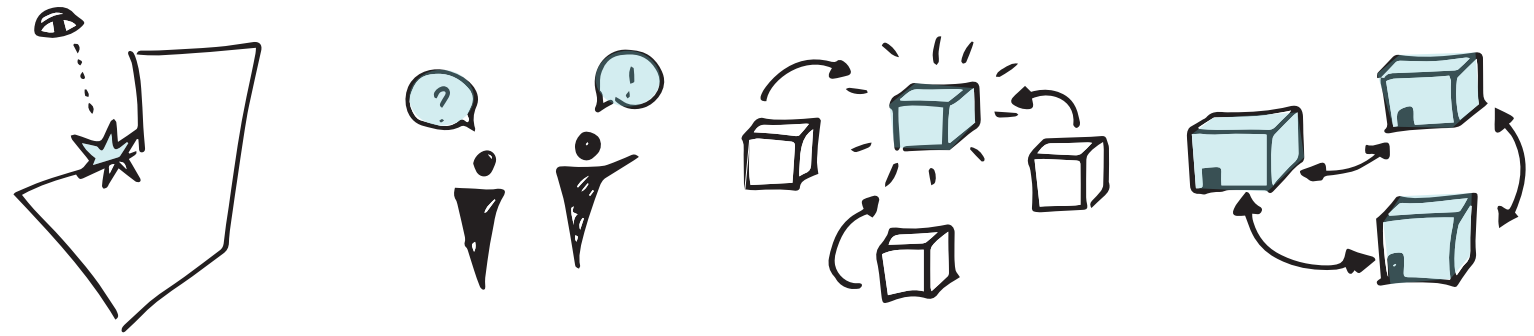


create a shared function
for the entire area

3.0 DESIGN

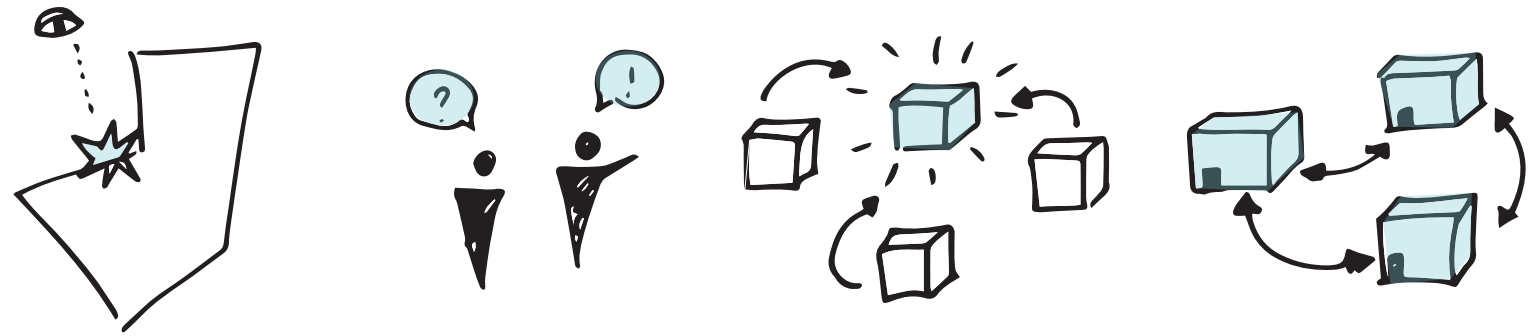
Concept of the area

Current situation



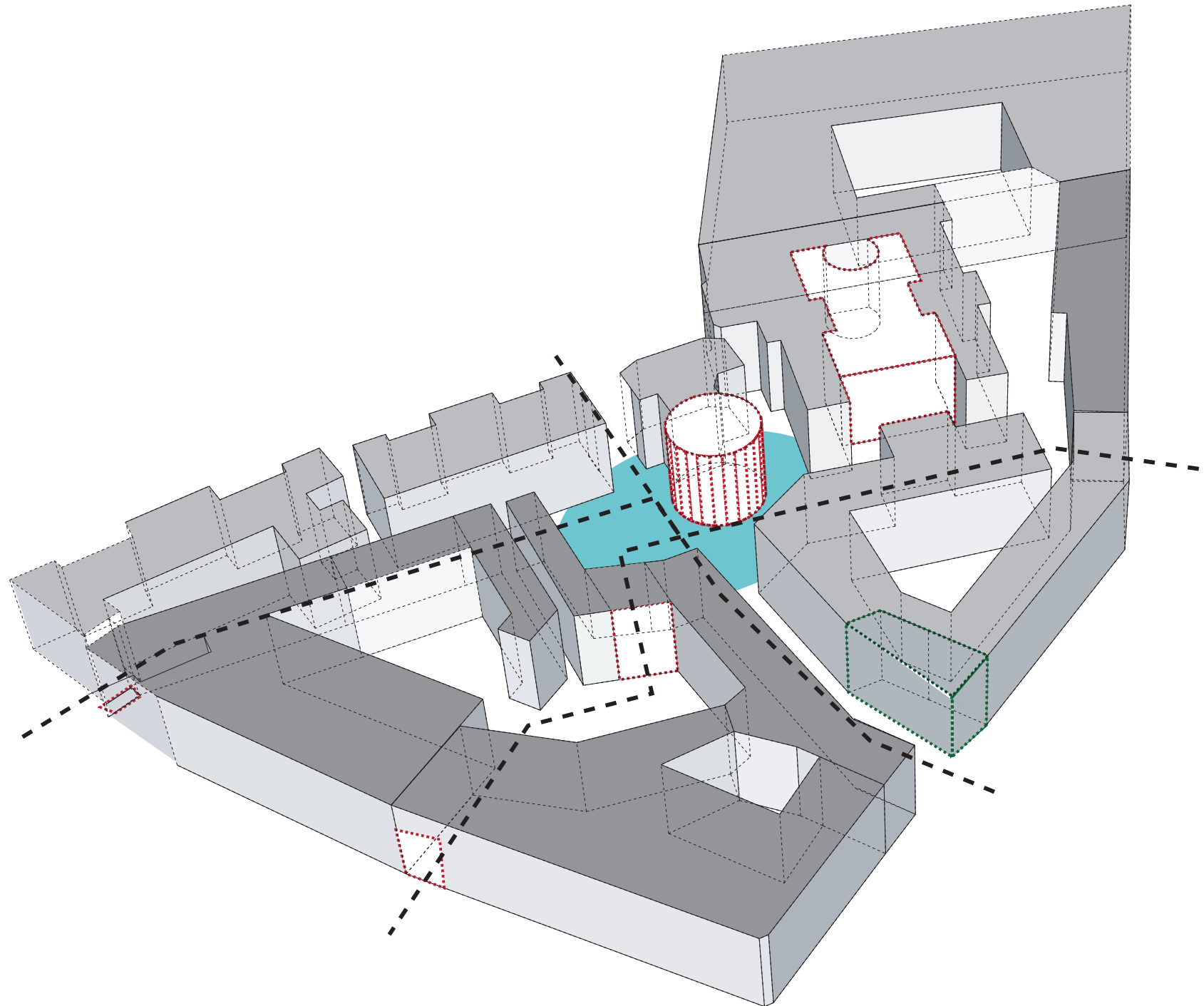
3.0 DESIGN

Concept of the area



Proposed situation:

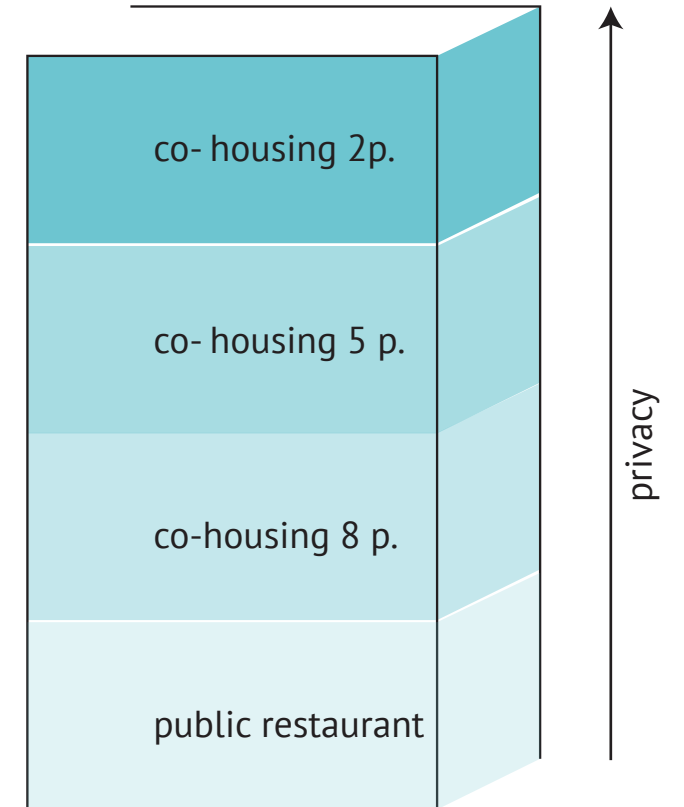
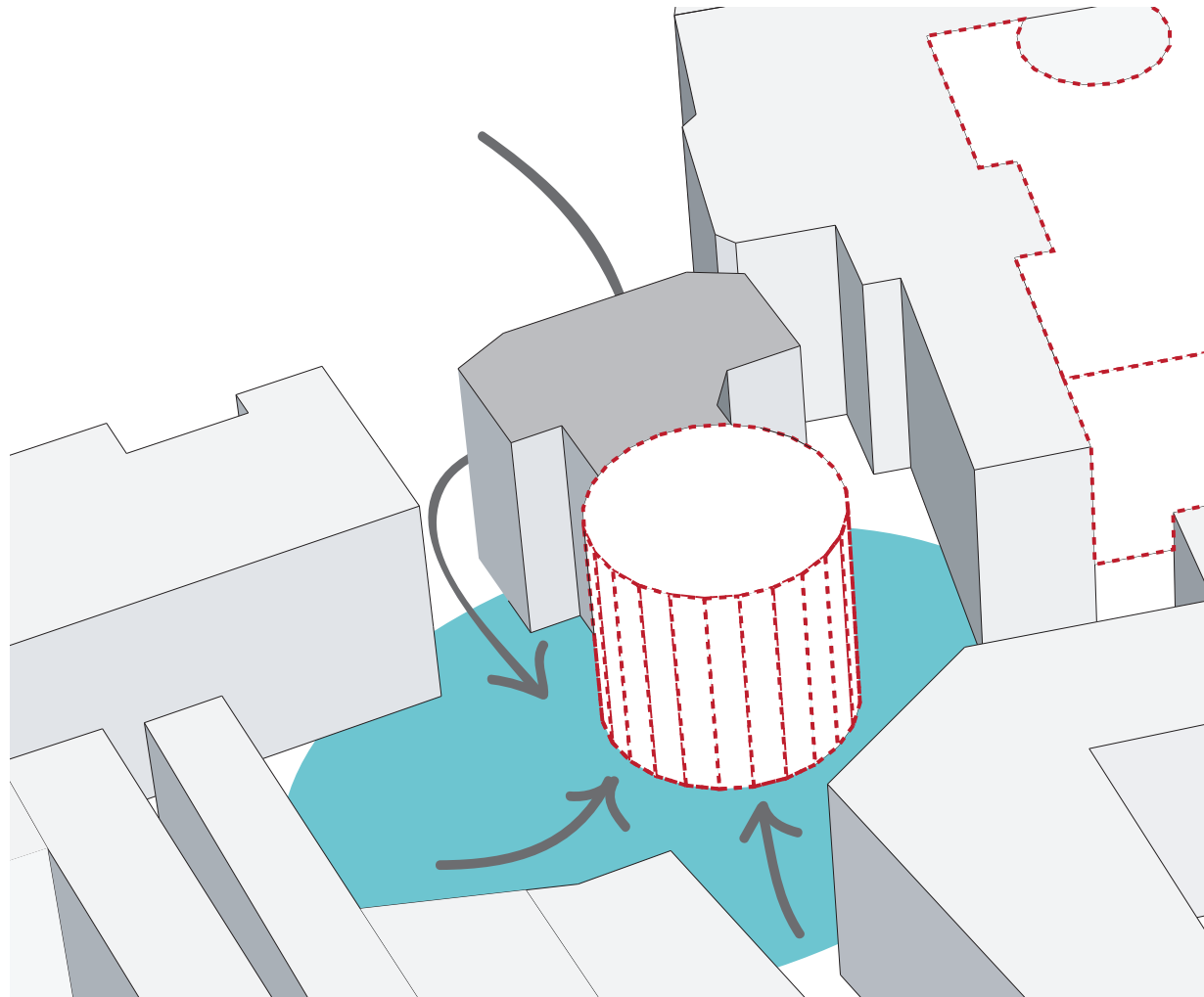
- + New center of the area
- + Accessible from all sides
- + Administration building gets a shared function
- + Square creates visual connection between monumental buildings



3.0 DESIGN

The administration building as the kickstarter of the area

- + Public function in the plinth
- + Housing on the upper levels



3.0 DESIGN

North facade

- + Van der Mey 1914
- + Compromis between the Canal houses and the monumental Architecture
- + Front facade Amsterdamse School style
- + brickwork, wooden window frames



waardestellingen van het gebouw

3.0 DESIGN

North facade

Minimal intervention

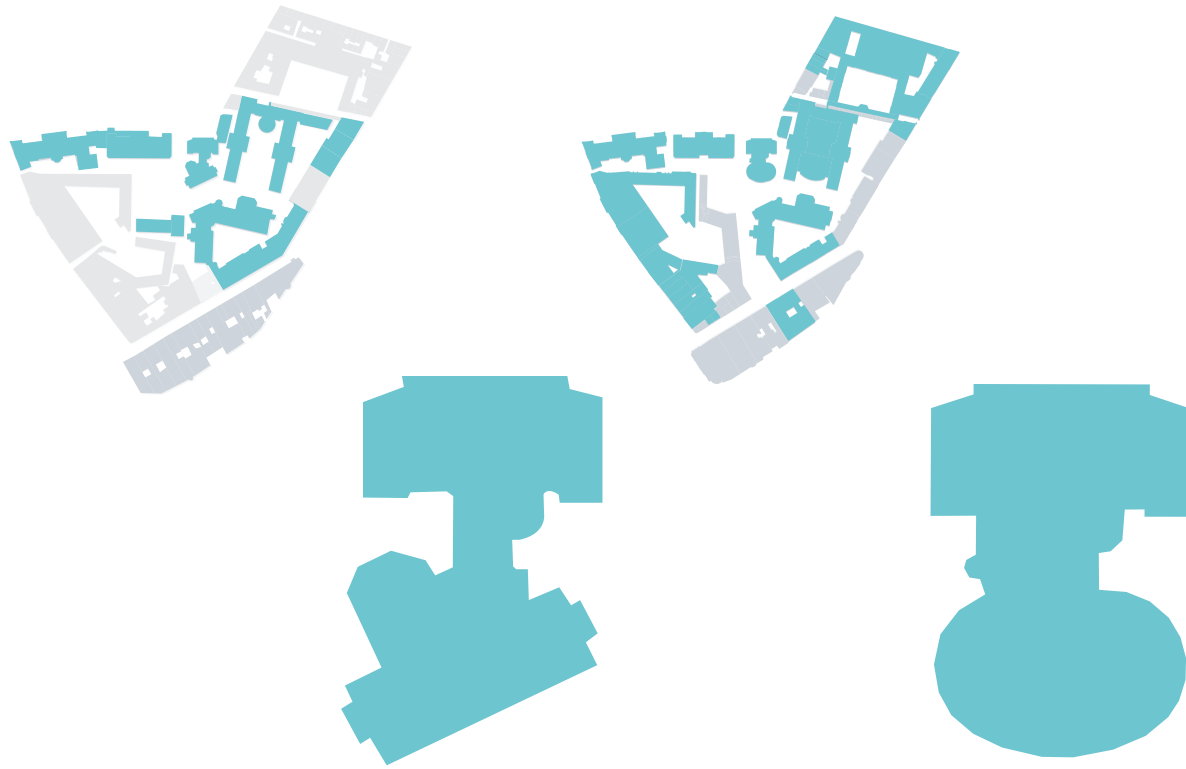
- + enhance the vertical lines
- + enhance the order of the facade
- + enlarge the bridge



3.0 DESIGN

South facade

- + Van der Mey 1921
- + Back facade modern functional Architecture
- + Demolished in 1991, less heavy replacement
- + New attachment for the Administration building by Theo Bosch
- + concrete, glass, aluminium window frames
- + round shape enhances routing
- + glass seeks for transparency

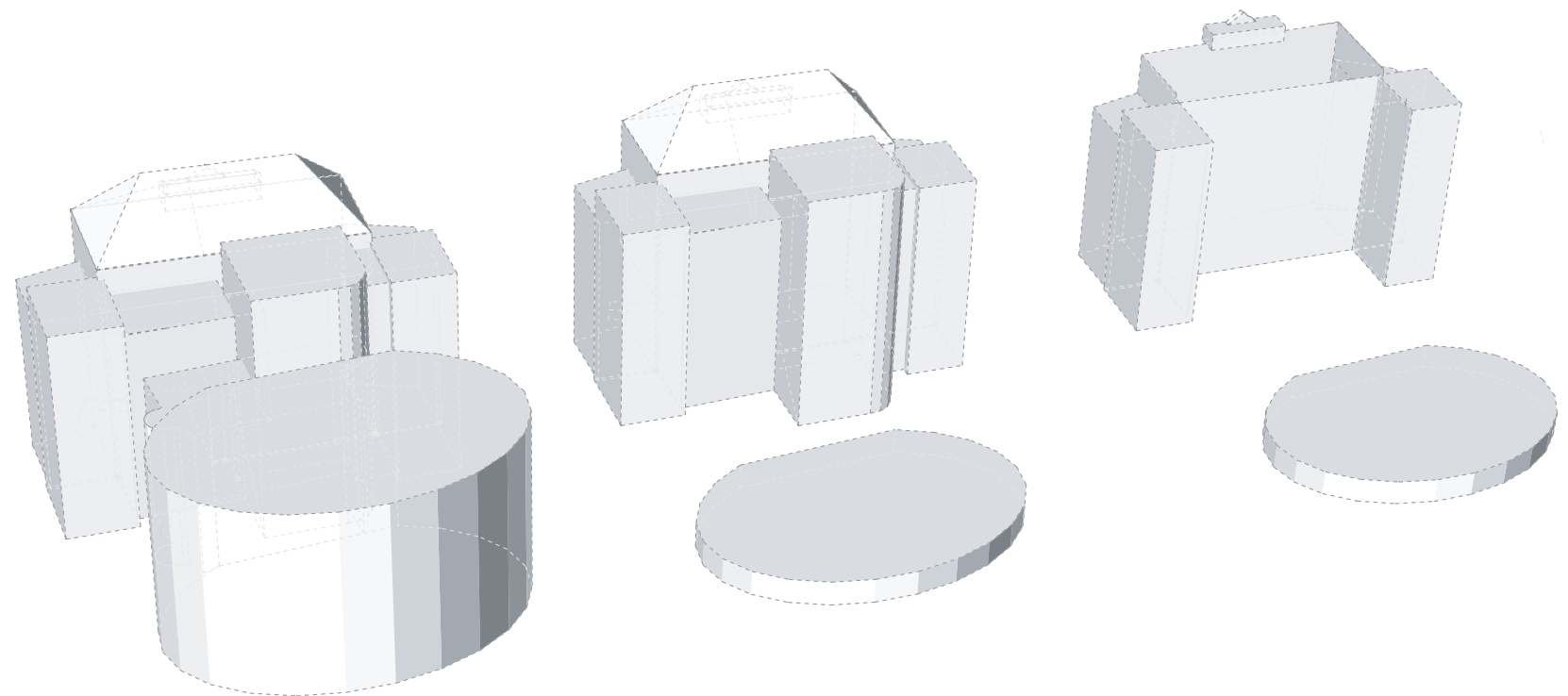
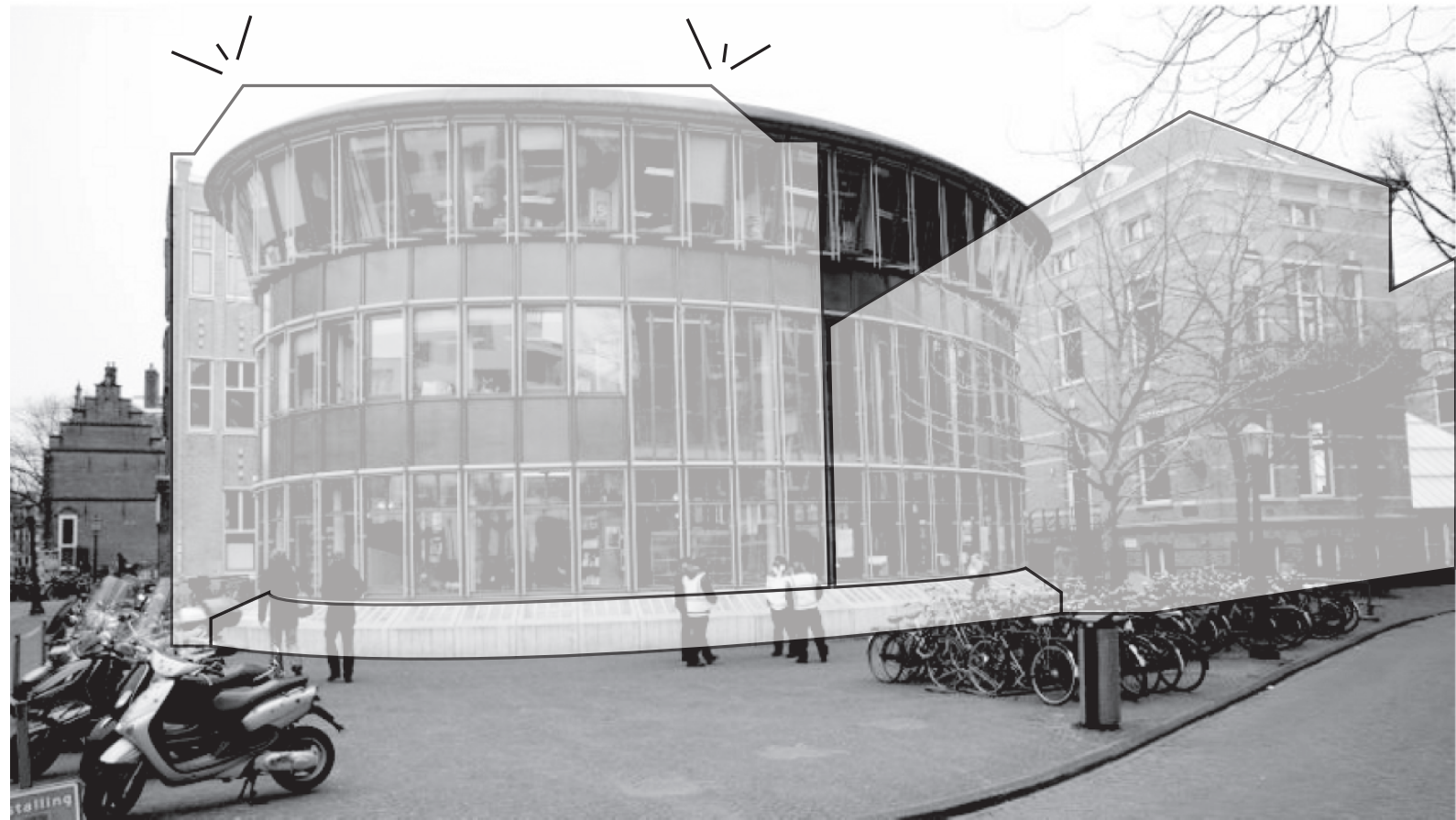


3.0 DESIGN

Design Approach

South facade:

- + Remove upper part attachment
- + remain the bicycle storage and plinth
- + new south facade for the administration building



3.0 DESIGN

Masterplan

- + Widened bridge makes the area more accessible
- + Creates a square in front of the administration building
- + Round shape creates a sitting element on the square and forms the center of the area.
- + Entrances of faculty buildings face the square
- + Social housing buildings gets its own zone on the square.



3.0 DESIGN

Masterplan

- + Visual connection between the second surgical clinic and the new library
- + The sitting element and bicycle storage forms the center of the square



Vertical section



Horizontal section

3.0 DESIGN

North facade



3.0 DESIGN

North Facade

- + Robust facade
- + Only necessary interventions



3.0 DESIGN

North Facade

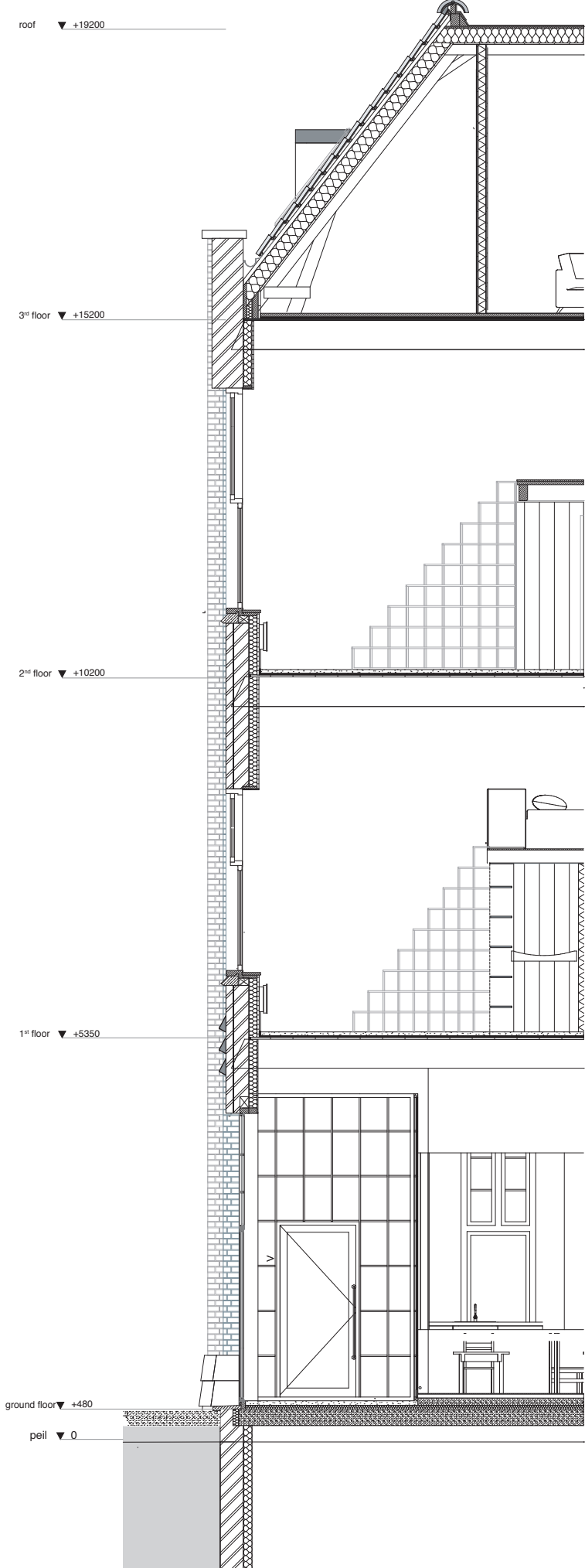
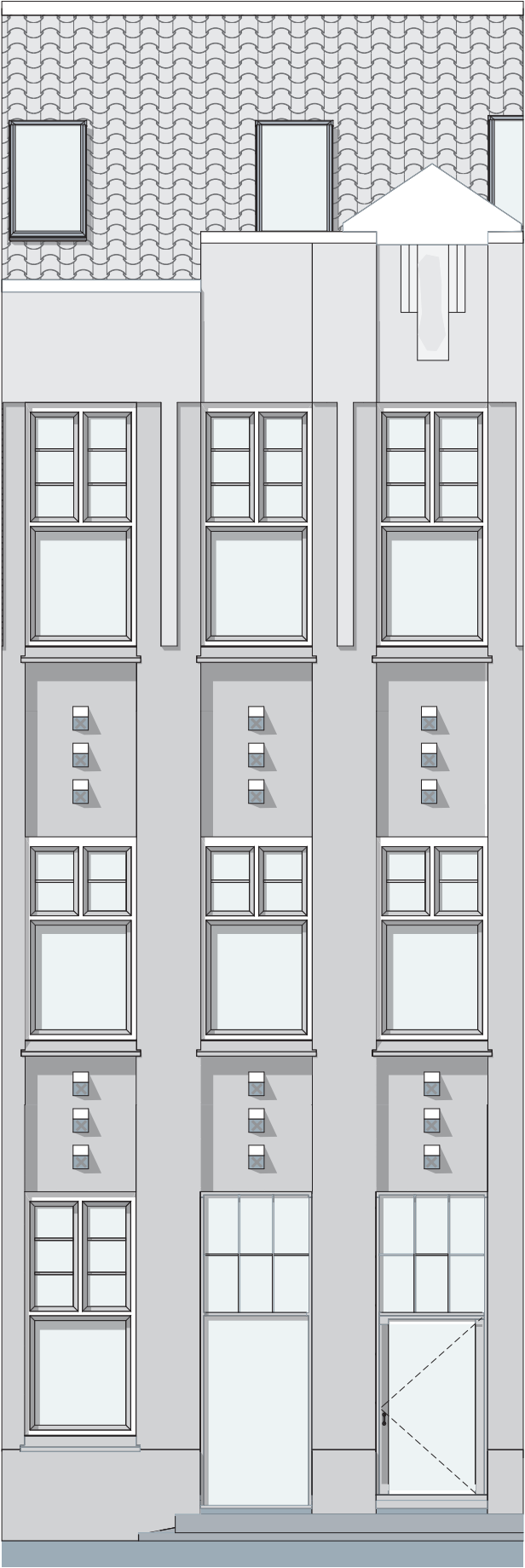
- + New entry for restaurant
- + Slim window frames



3.0 DESIGN

North Facade

- + New entry
- + Slim window frames



3.0 DESIGN

North facade

- + Slim window frames
- + New pattern



3.0 DESIGN

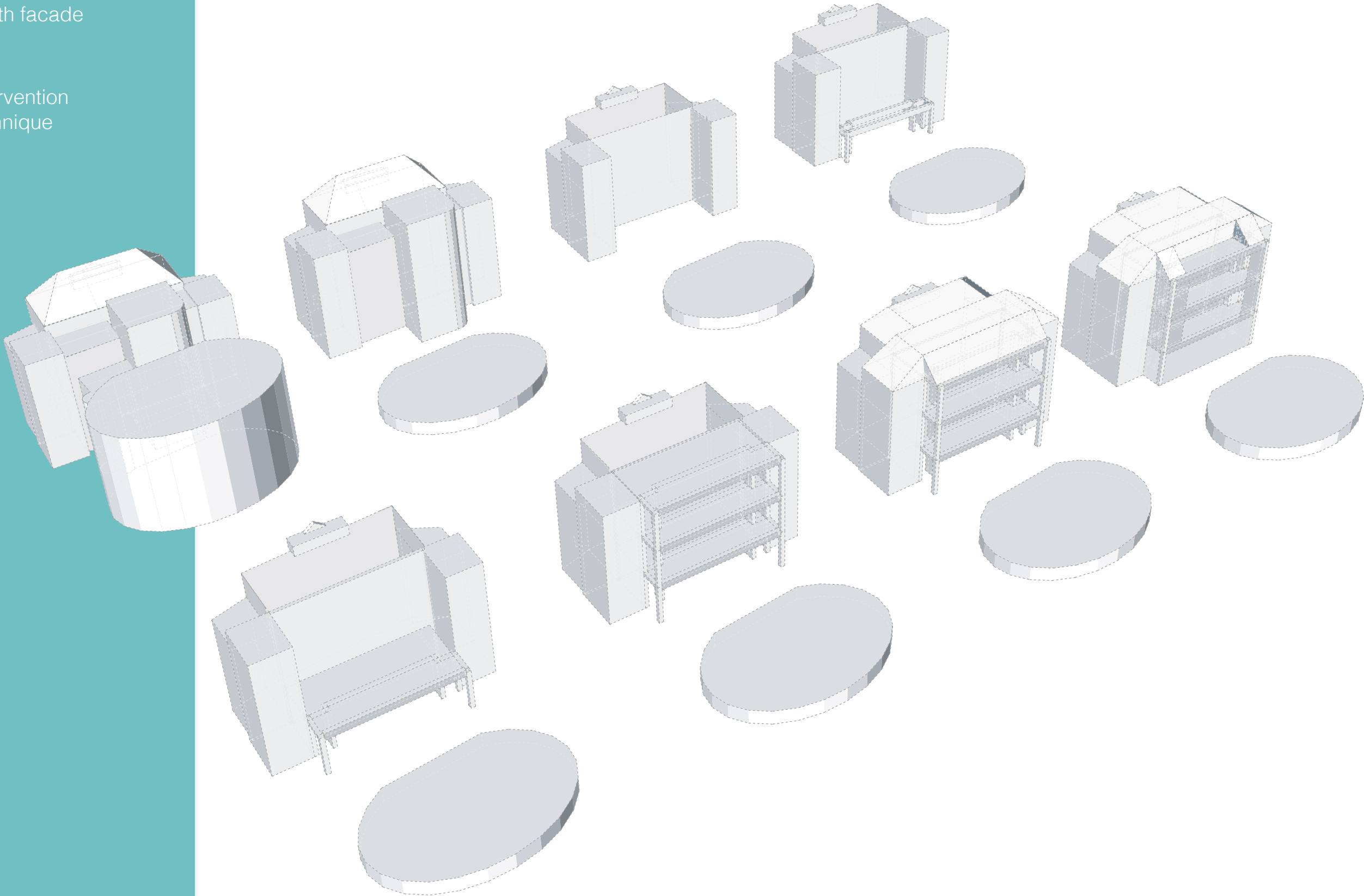
South facade



3.0 DESIGN

South facade

Intervention
technique



3.0 DESIGN

South facade

Existing situation



3.0 DESIGN

South facade

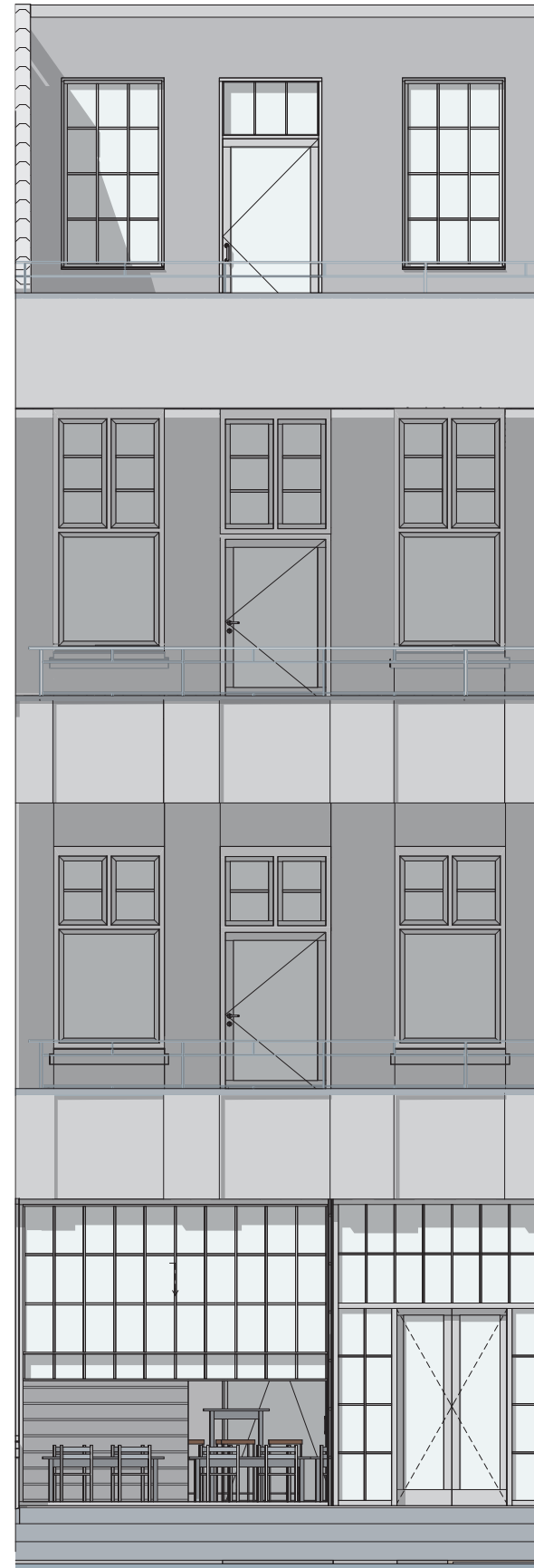
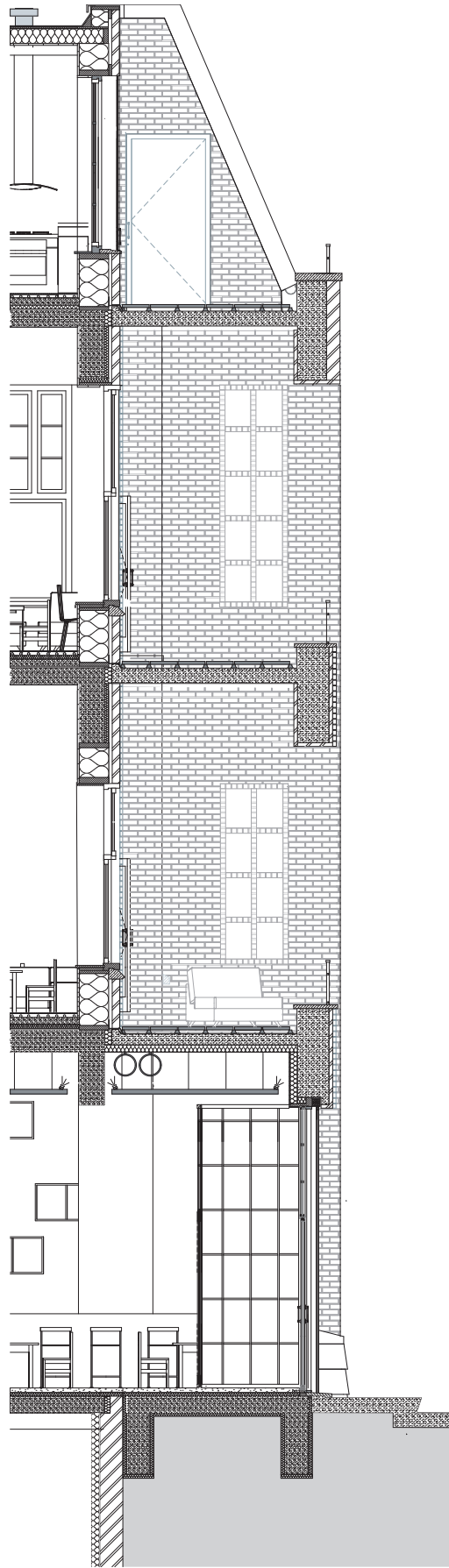
New situation



3.0 DESIGN

South facade

New situation



3.0 DESIGN

South facade

+ Windows over
horizontally



3.0 DESIGN

Ground floor
Restaurant

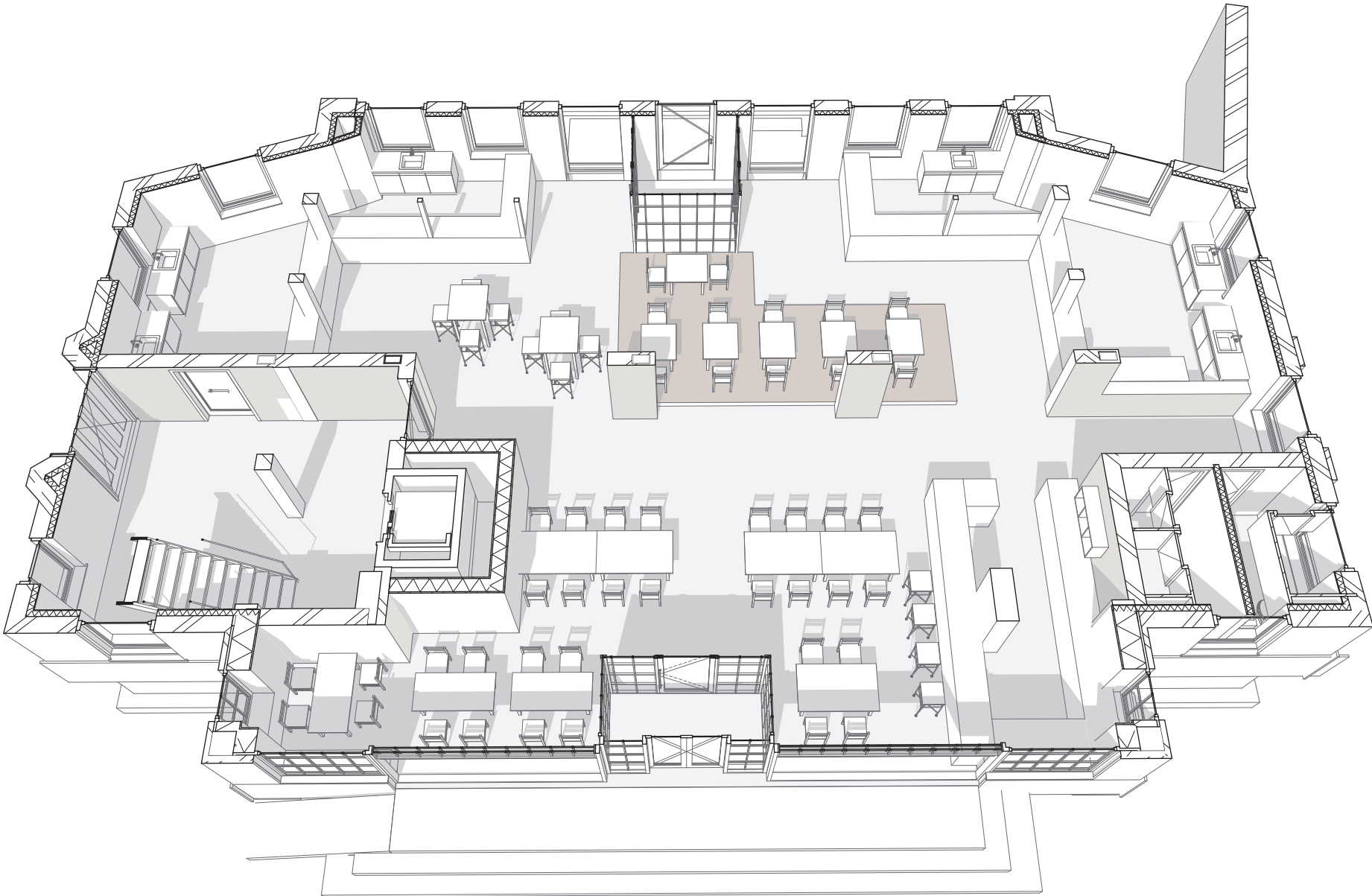
- + Foodstands
- + Mensa during day time
- + restaurant & bar in the evening



3.0 DESIGN

Ground floor
Restaurant

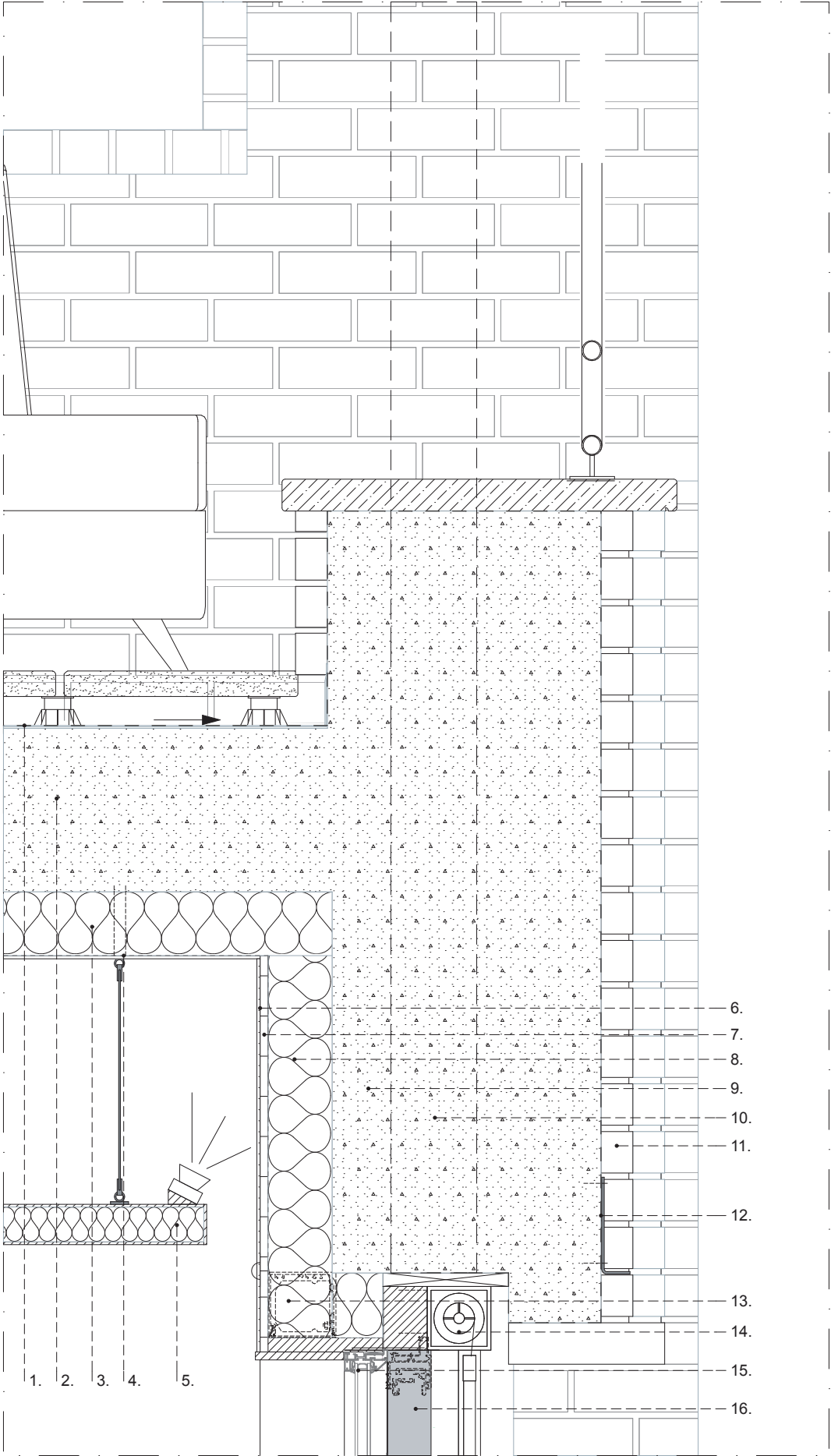
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3.0 DESIGN

Ground floor
Restaurant

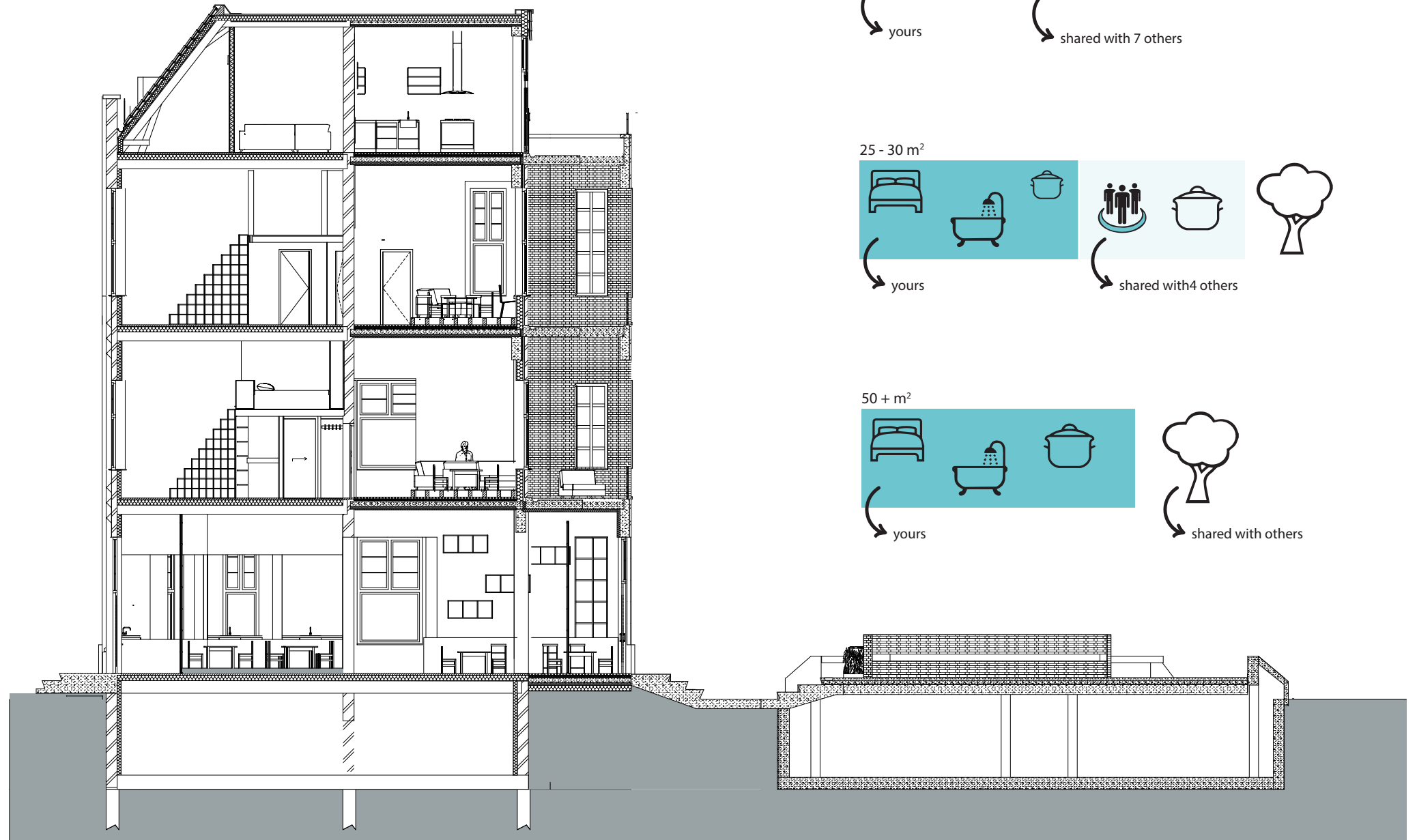
Detail lowered
ceiling



3.0 DESIGN

Organization of the building

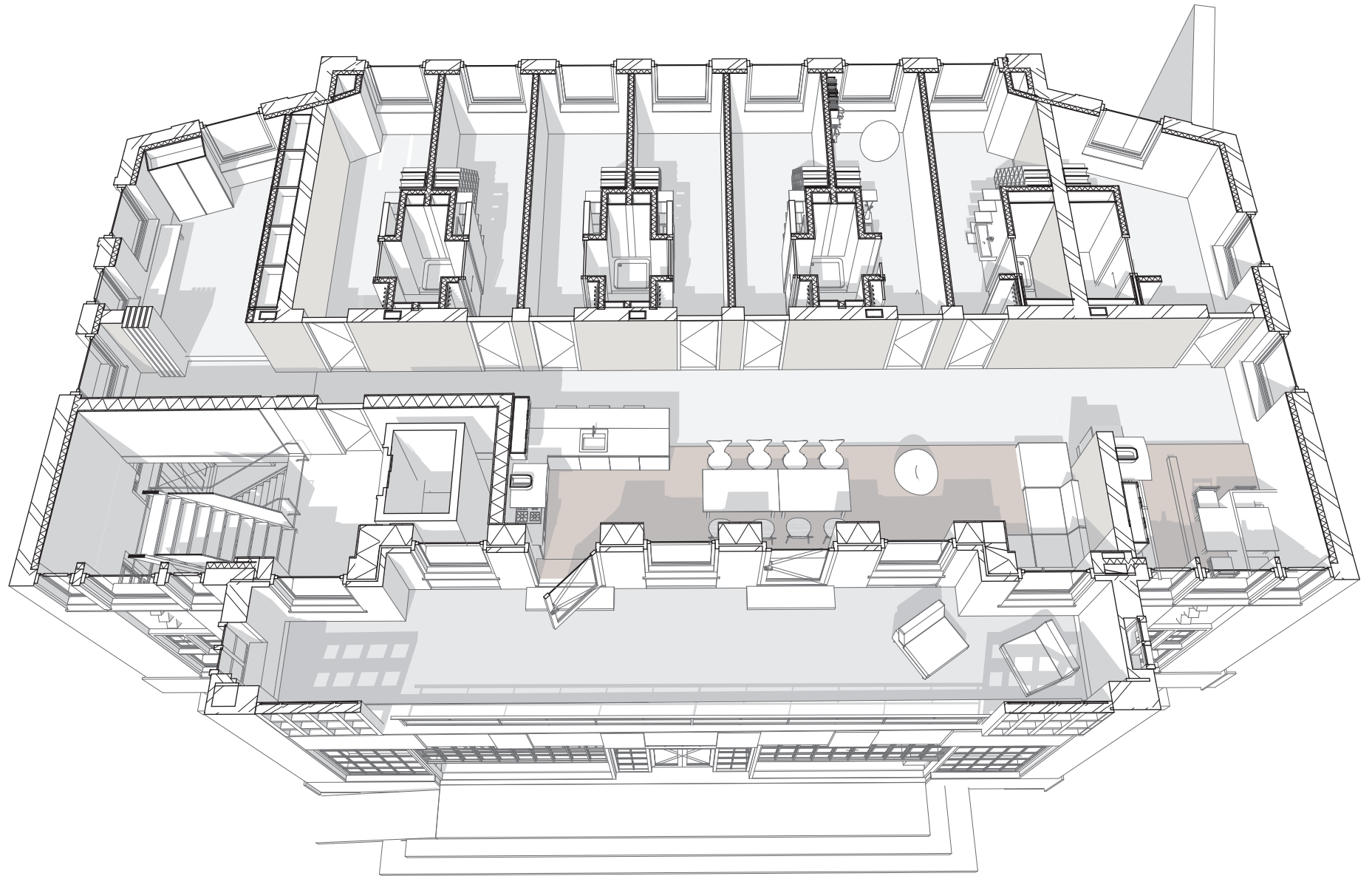
- + Collective housing
- + Different levels of sharing



3.0 DESIGN

1st floor

- + 8 rooms
- + shared bathroom ,
kitchen and
common space
- + laundry room
- + south oriented
balcony



3.0 DESIGN

1st floor

Loggia



3.0 DESIGN

1st floor

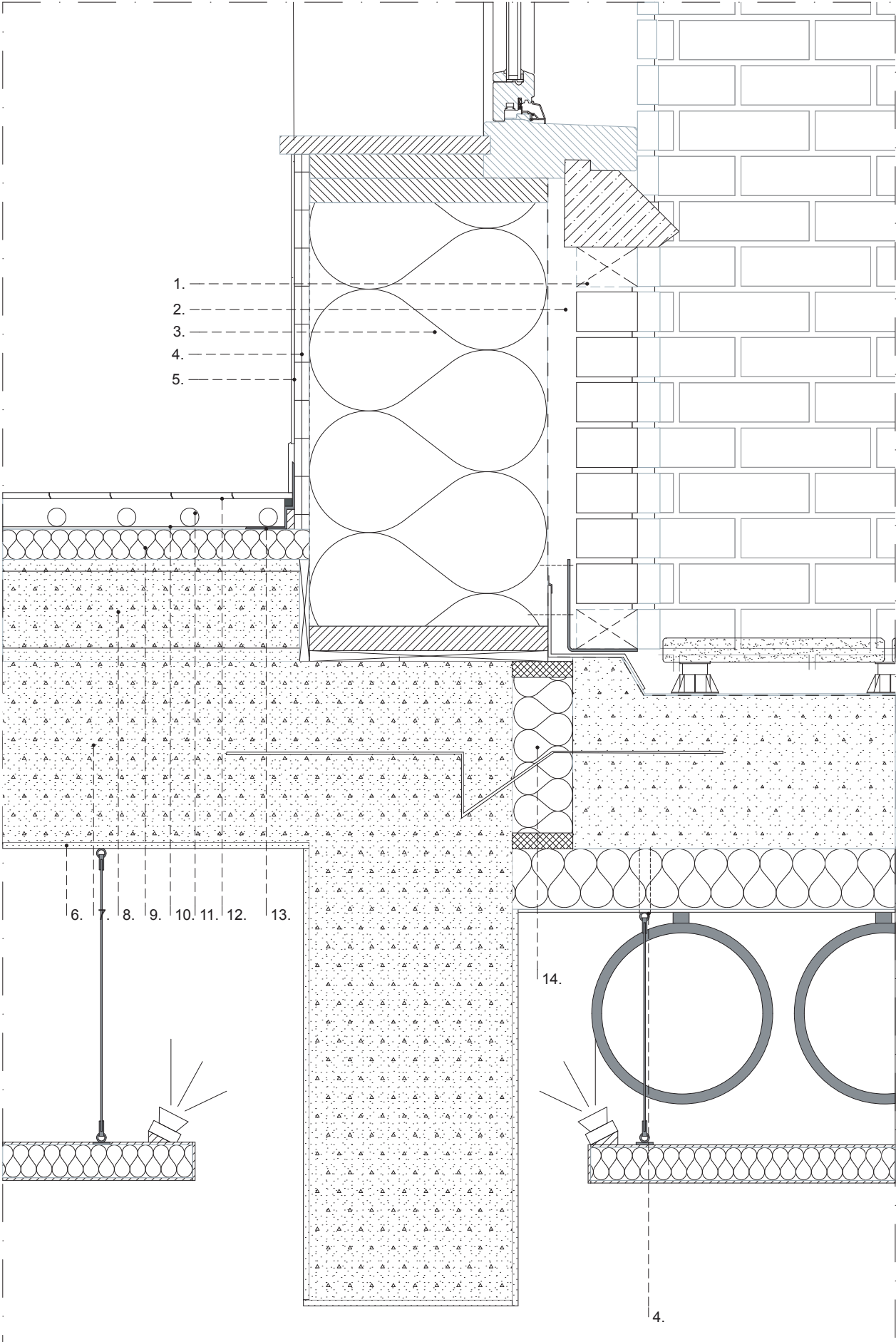
Common space



3.0 DESIGN

1st floor

Detail window



3.0 DESIGN

1st floor

Bedroom

+ 12 m2

+ shared bedroom
with 2

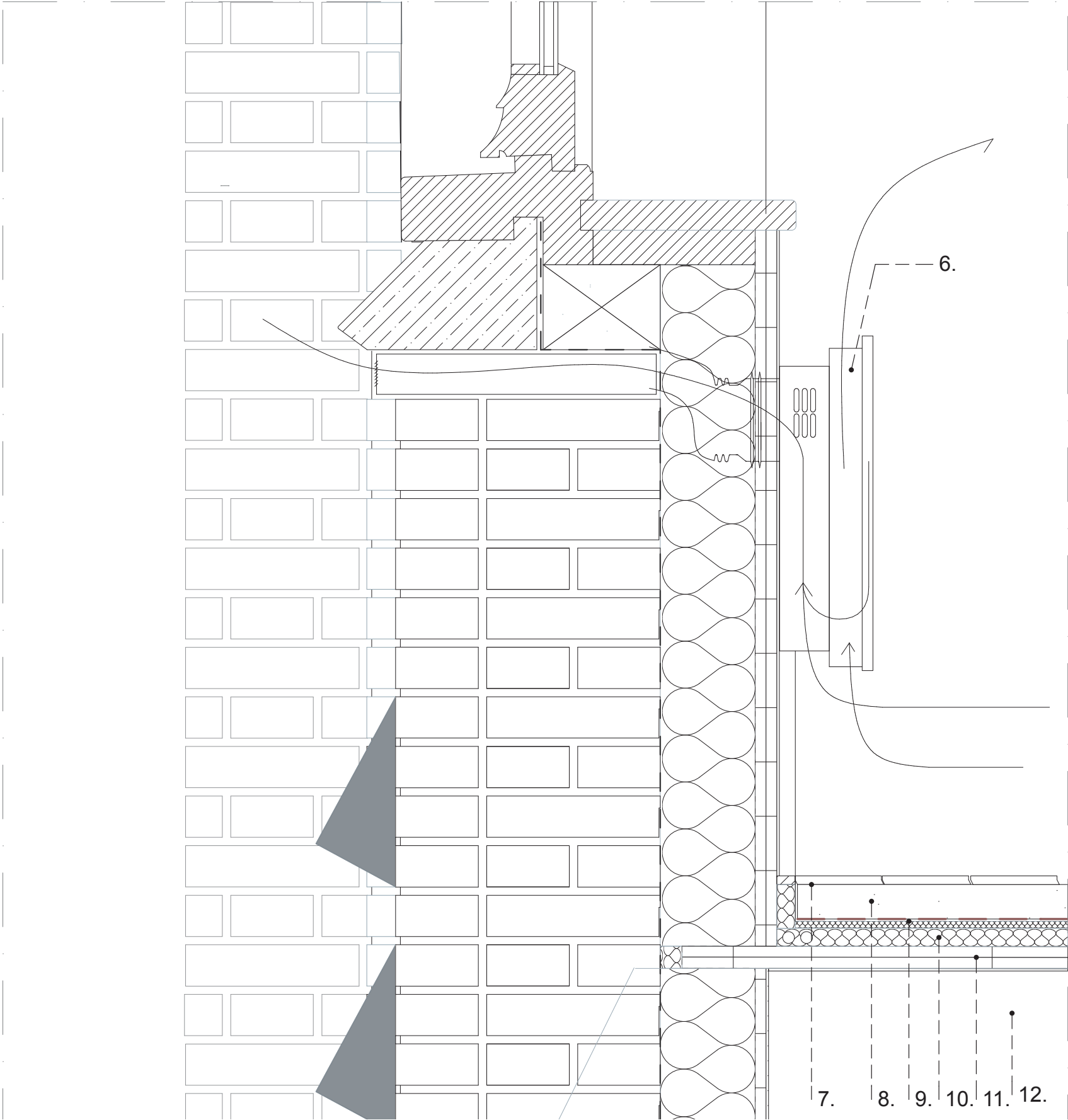
+ mezzanine with
bed and closet



3.0 DESIGN

1st floor

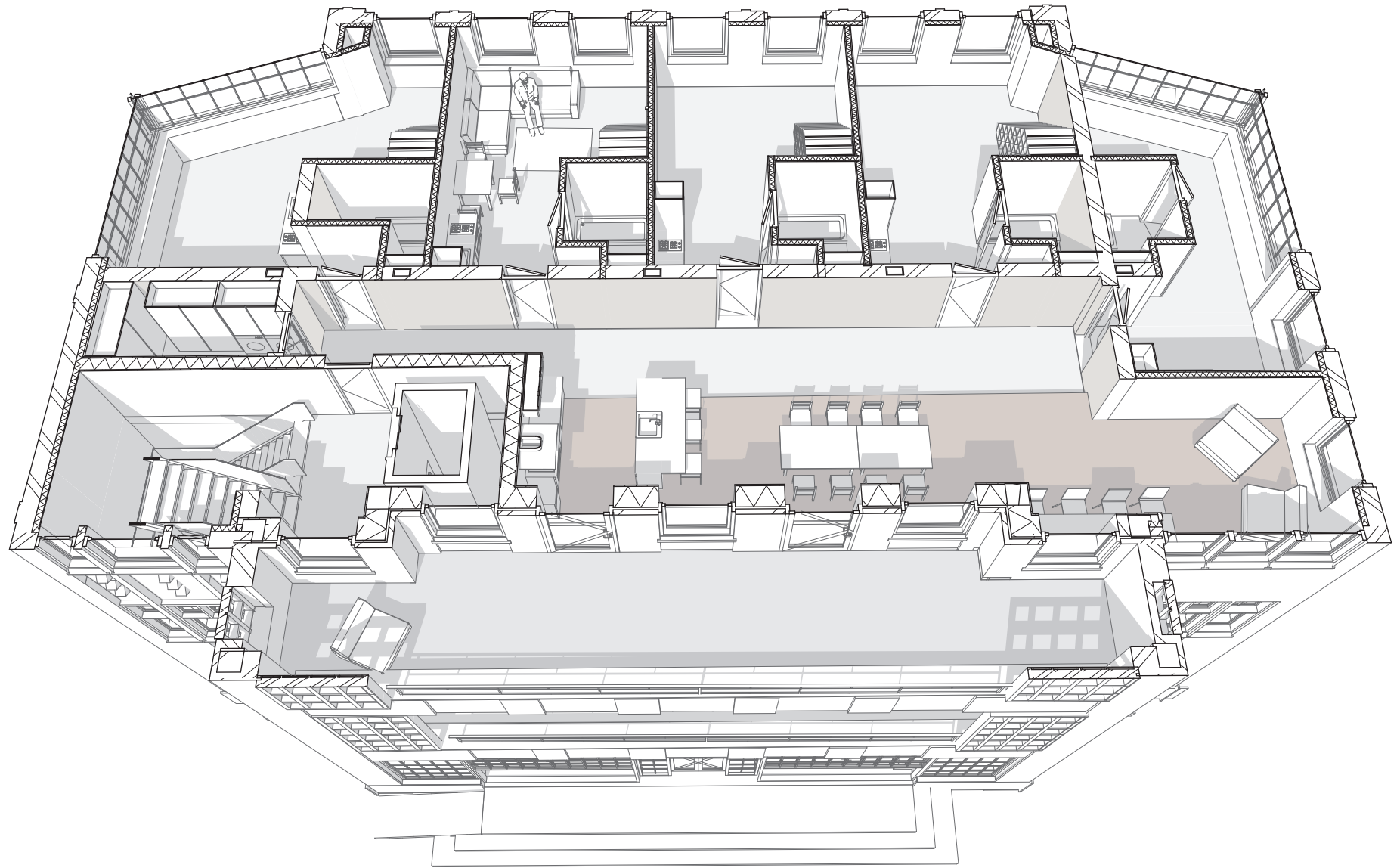
Detail window



3.0 DESIGN

2st floor

- + 5 rooms
- + private bathroom and small kitchen
- + shared large kitchen and common space
- + laundry room
- + south oriented balcony



3.0 DESIGN

2nd floor

Bedroom

+ 25 m2

+ small studio

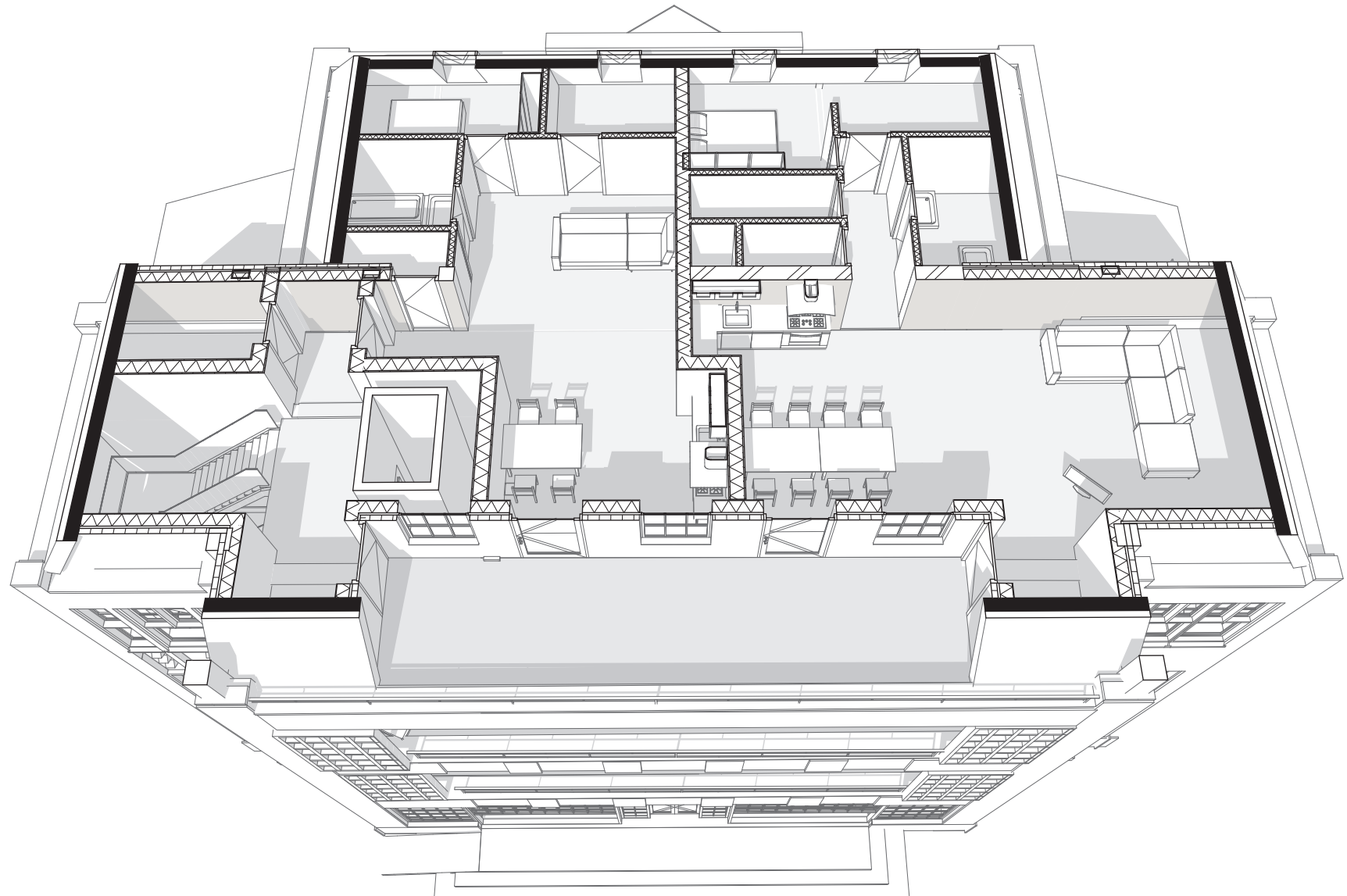
+ guest professors
and lecturers



3.0 DESIGN

3rd floor

- + 2 apartments
- + private 2 bedroom apartment
- + shared south oriented balcony

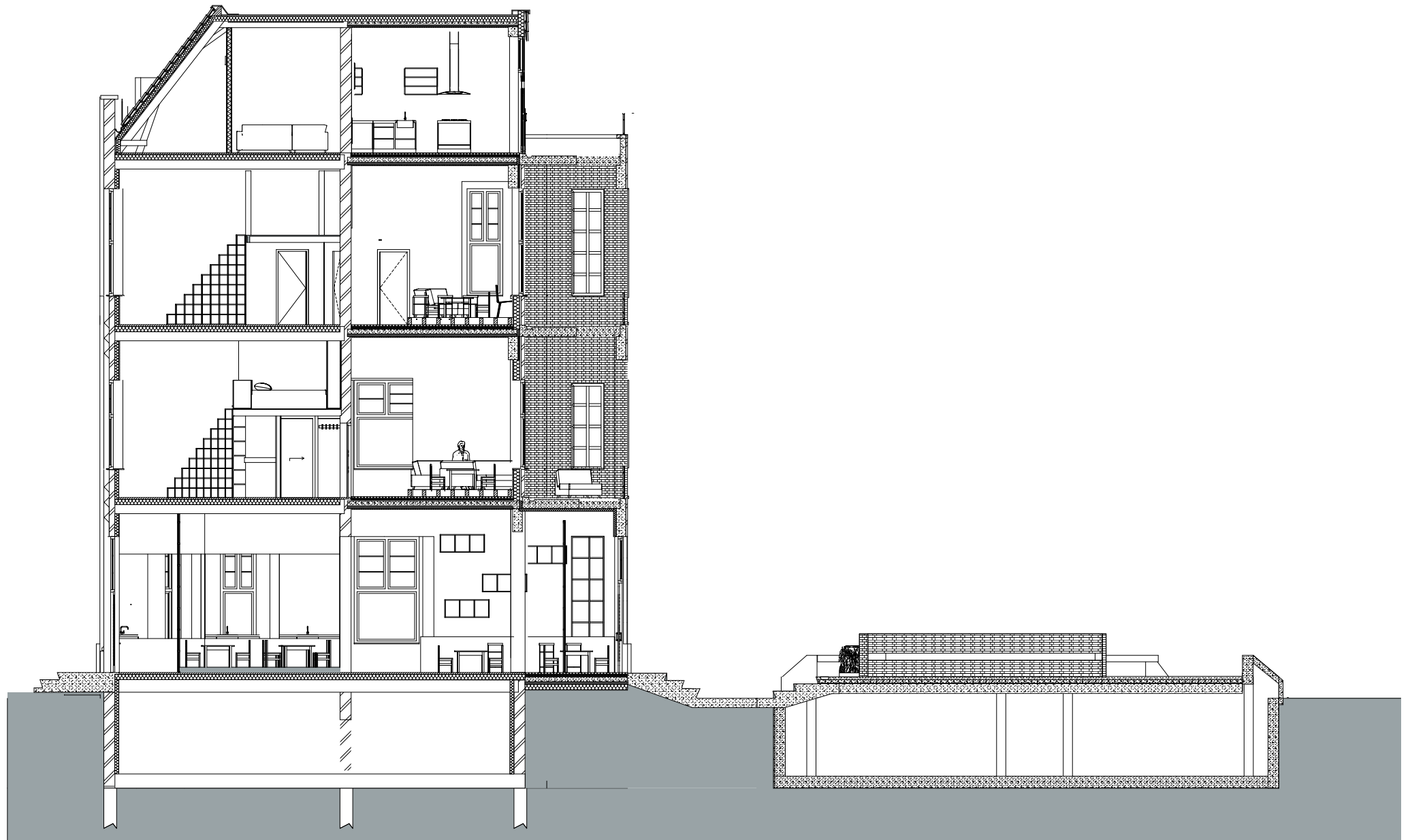




4.0 REFLECTION

4.0 REFLECTION

- + Multifunctional sitting element incl. bicycle storage
- + Restaurant of for 56 people
- + 3 types of housing
- + shared housing for 13 people and two apartments



4.0 REFLECTION

- + Modern interpretation of collectivity
- + Example of how an intervention can change an entire area
- + attract large monumental buildings with its surrounding and don't let them estrange

1

Unique collective of

2

Vision of an open and lively city

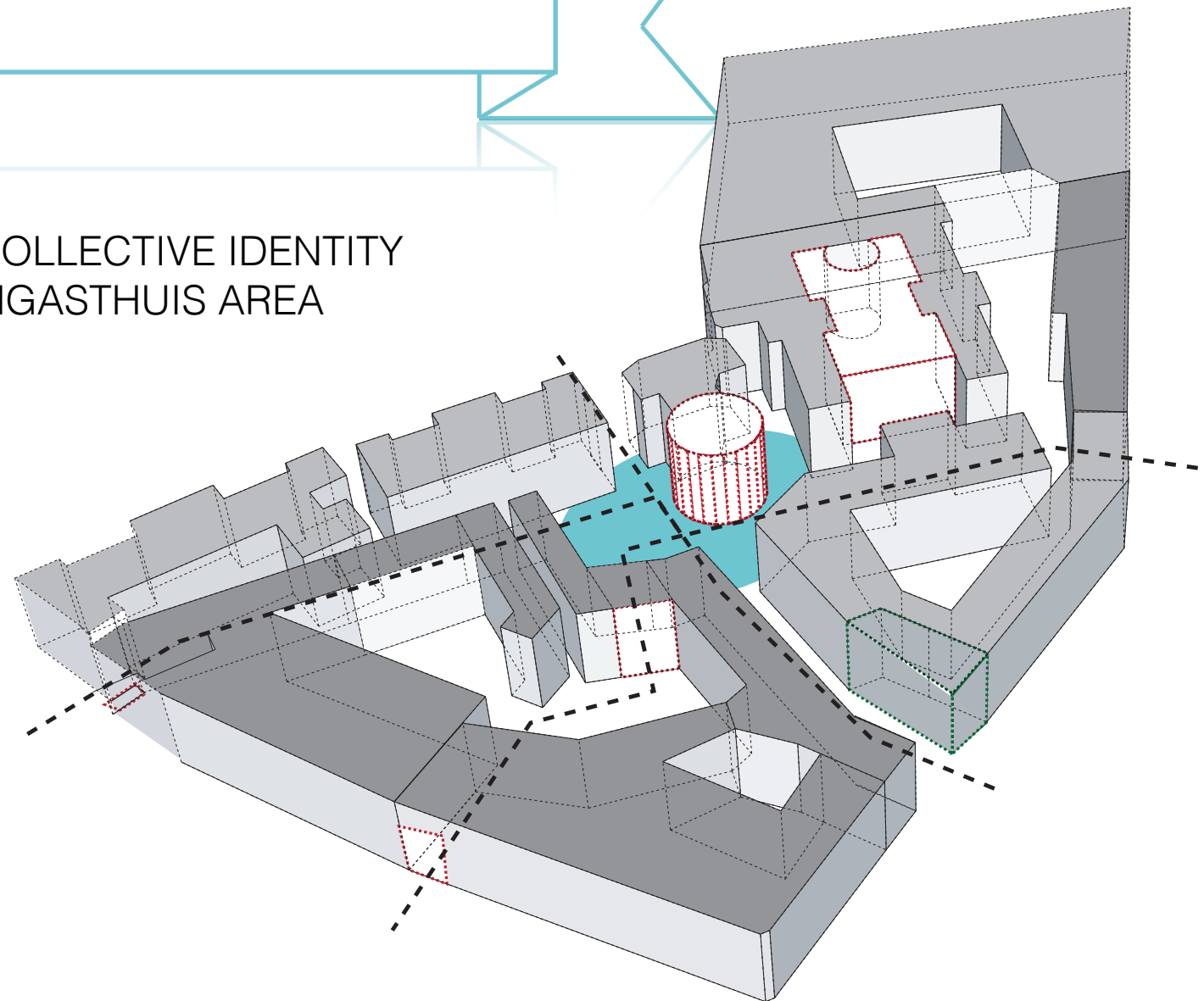
3

Abandoned and incoherent area,
but with great potential

CREATE A LIVELY AND ACCESSIBLE AREA

&

BRING BACK THE COLLECTIVE IDENTITY
OF THE BINNENGASTHUIS AREA



4.0 REFLECTION

- + Modern interpretation of collectivity
- + Example of how an intervention can change an entire area
- + attract large monumental buildings with its surrounding and don't let them estrange

