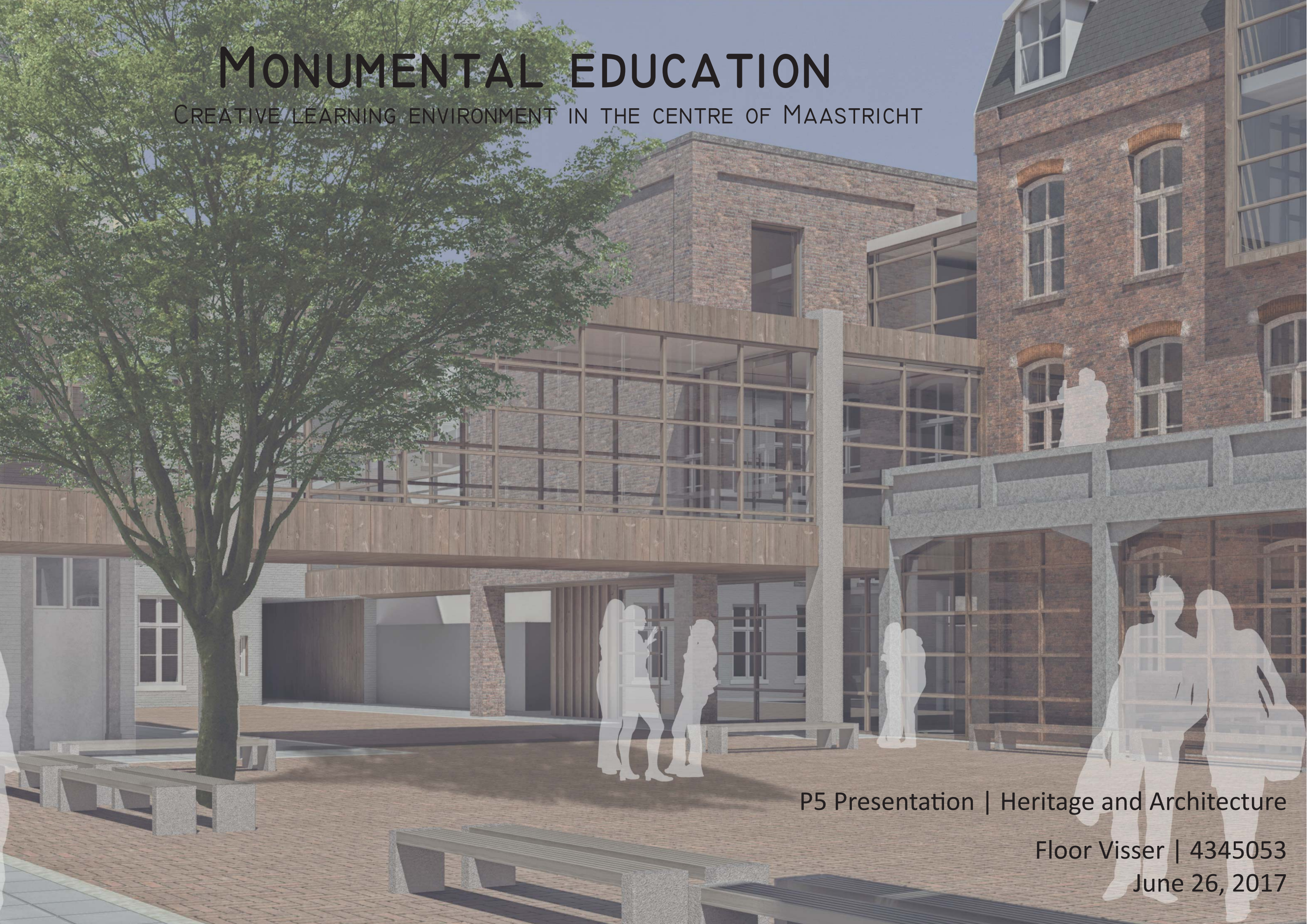


MONUMENTAL EDUCATION

CREATIVE LEARNING ENVIRONMENT IN THE CENTRE OF MAASTRICHT



P5 Presentation | Heritage and Architecture

Floor Visser | 4345053

June 26, 2017

INTRODUCTION

PART 1
RESEARCH

CONTEXT

CULTURAL VALUE

PART 2
DESIGN

STARTING POINTS

CONCEPT & DESIGN

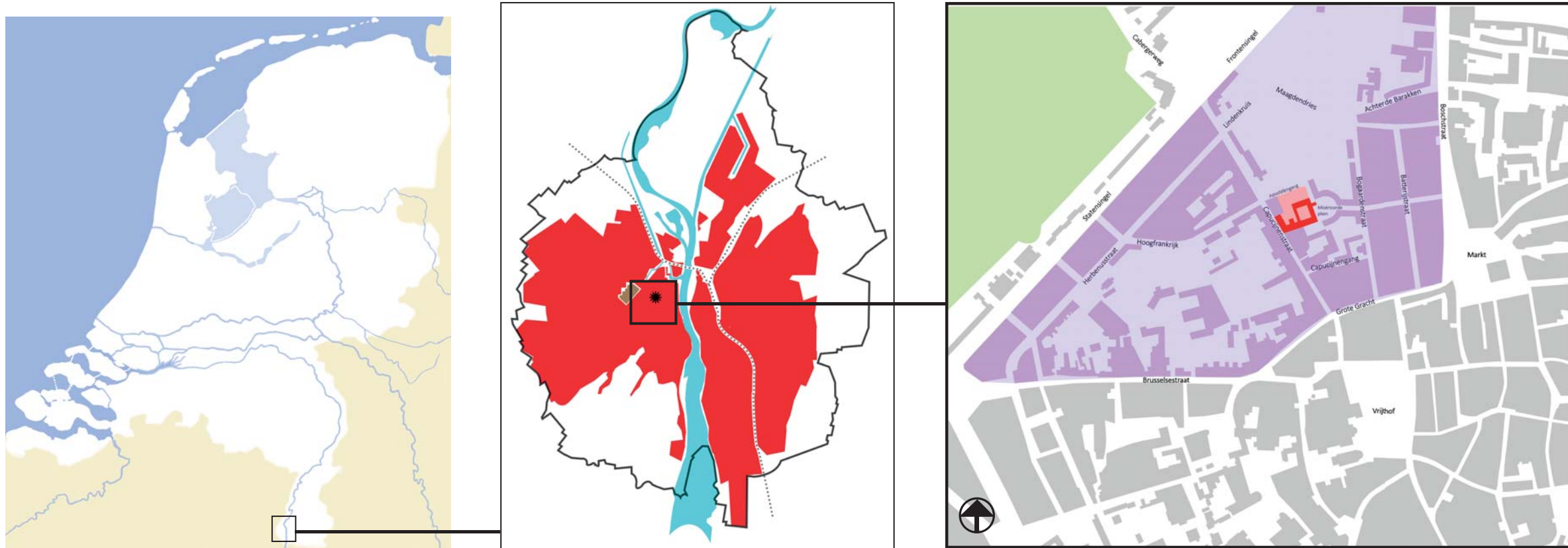
PART 3
RESEARCH

RESTORATION

REFLECTION

LOCATION

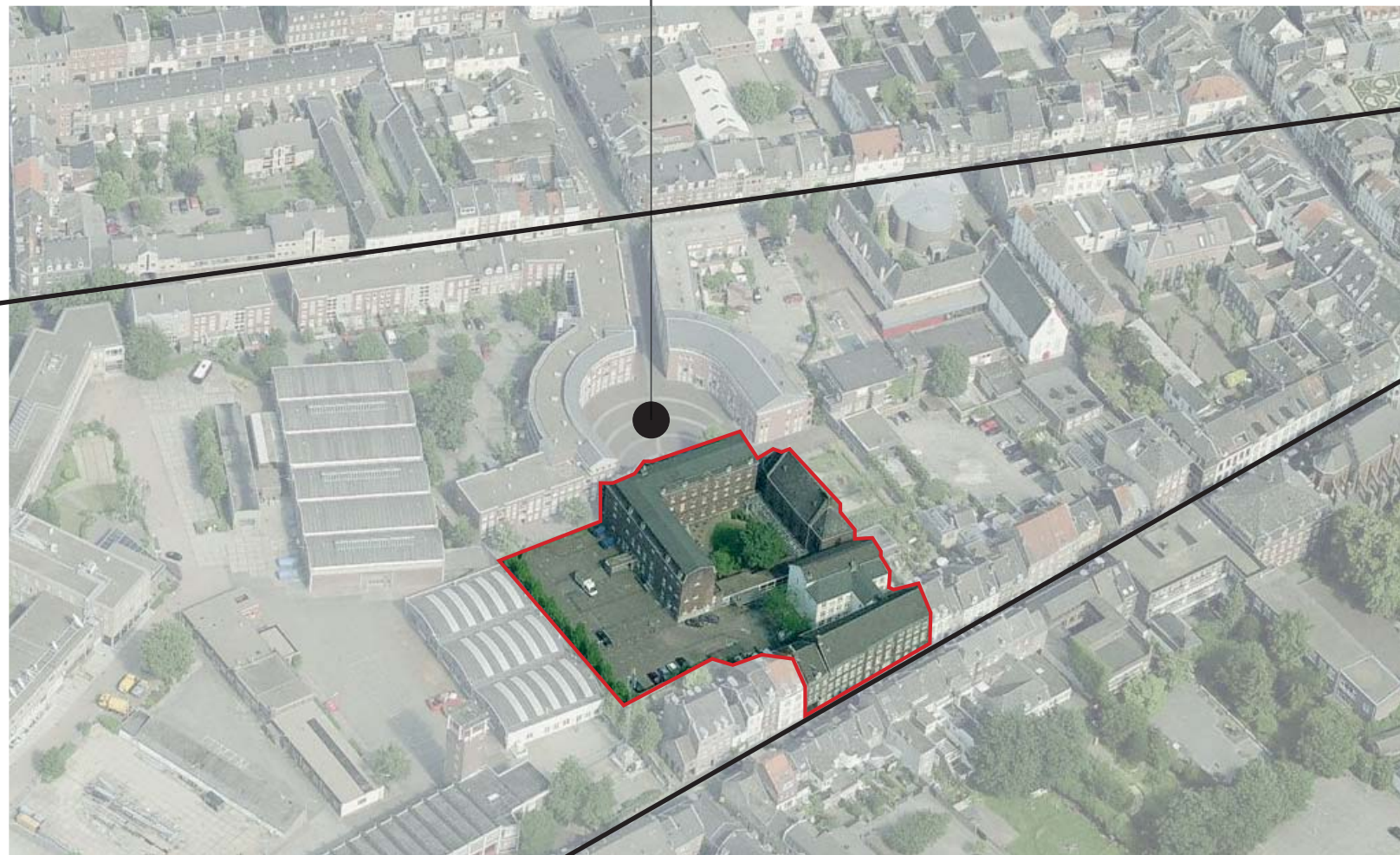
MAASTRICHT - CENTRE



LOCATION

MAASTRICHT - CENTRE

Miséricordeplein



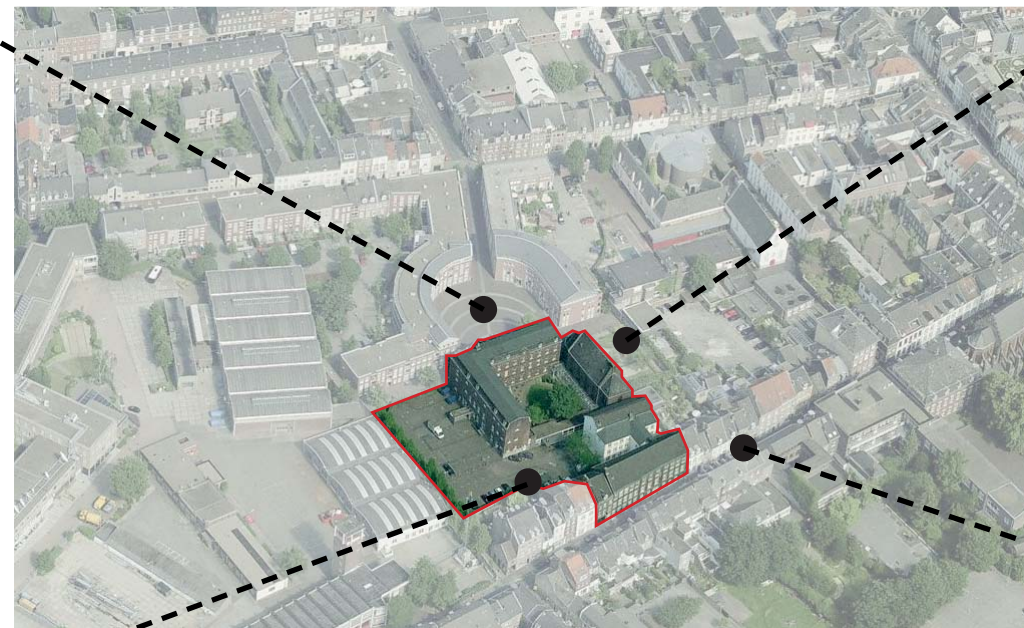
Bogaardenstraat

Capucijnenstraat

Source image: <http://www.bing.com/maps/>

LOCATION

MAISON DE LA MISERICORDE



Source image: <http://www.bing.com/maps/>



PART I | RESEARCH

RESEARCH QUESTION

HOW CAN THE MISERICORDE COMPLEX BE ADAPTED FOR RE-USE WITHOUT LOSING ITS ESSENTIAL ARCHITECTURAL QUALITIES?

HISTORY

SISTERS OF MERCY



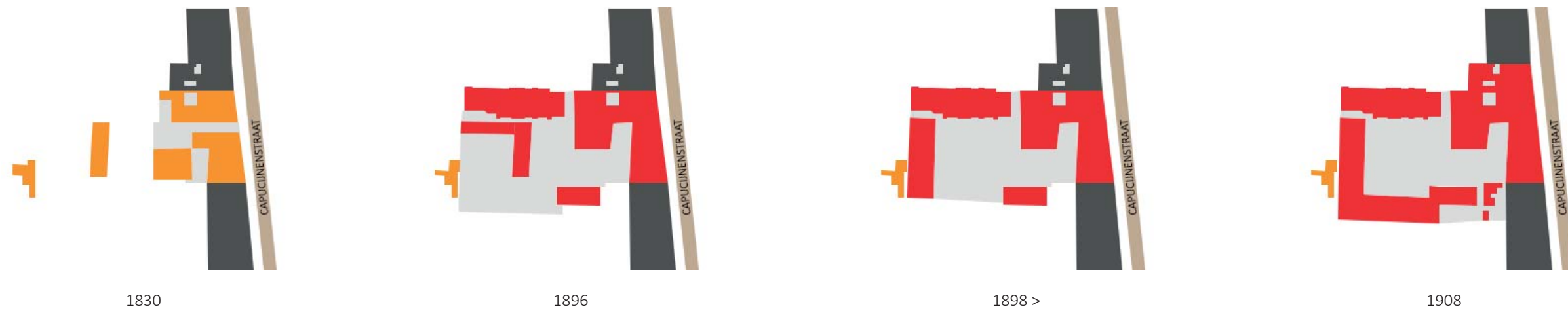
Source image: Regionaal Historisch Centrum Limburg



Source image: Regionaal Historisch Centrum Limburg

HISTORY

DEVELOPMENT OF THE CONVENT



Not yet part of the convent

Surrounding buildings

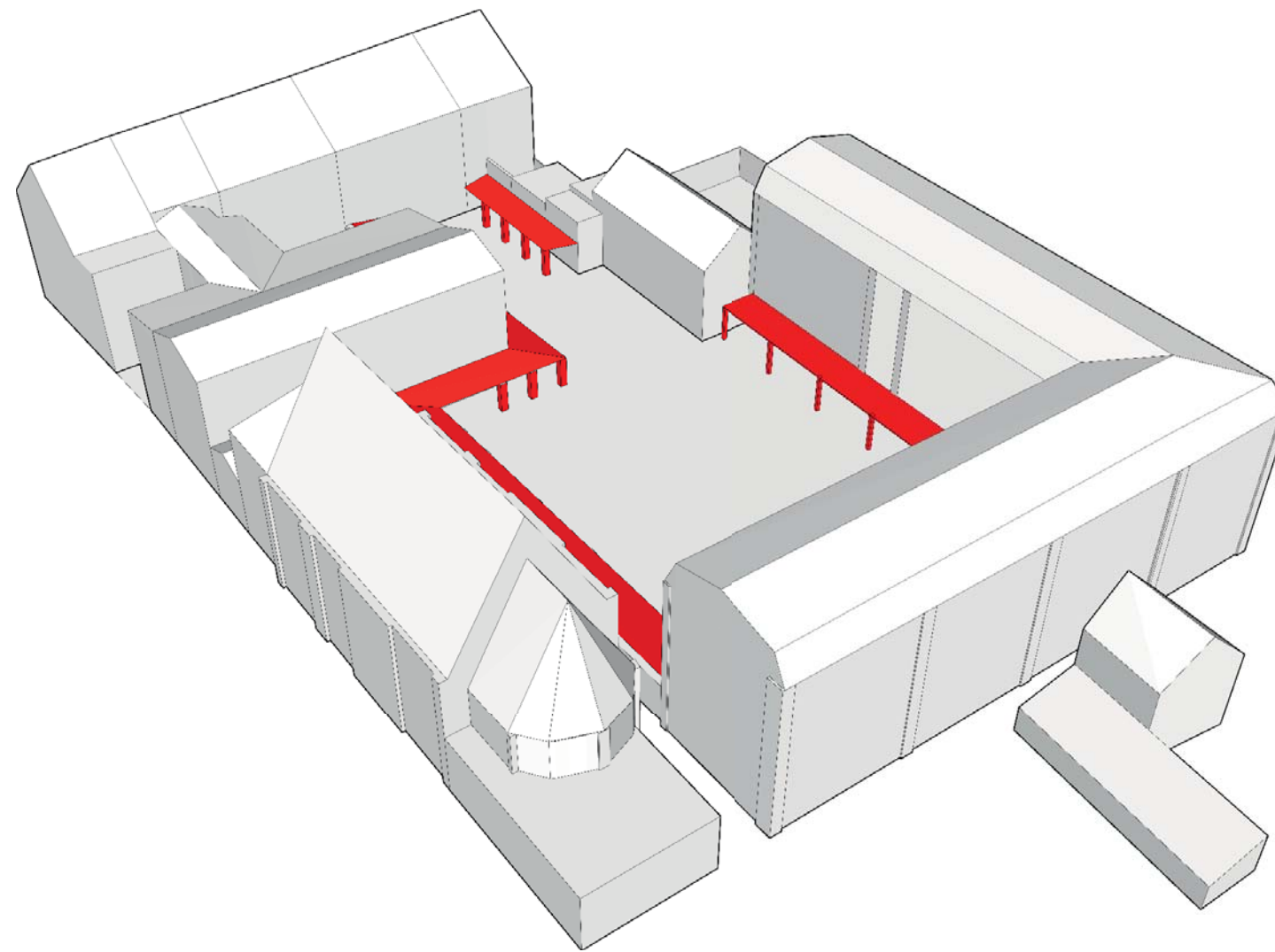
Part of the convent

Building plot of the convent

No longer part of the convent

HISTORY

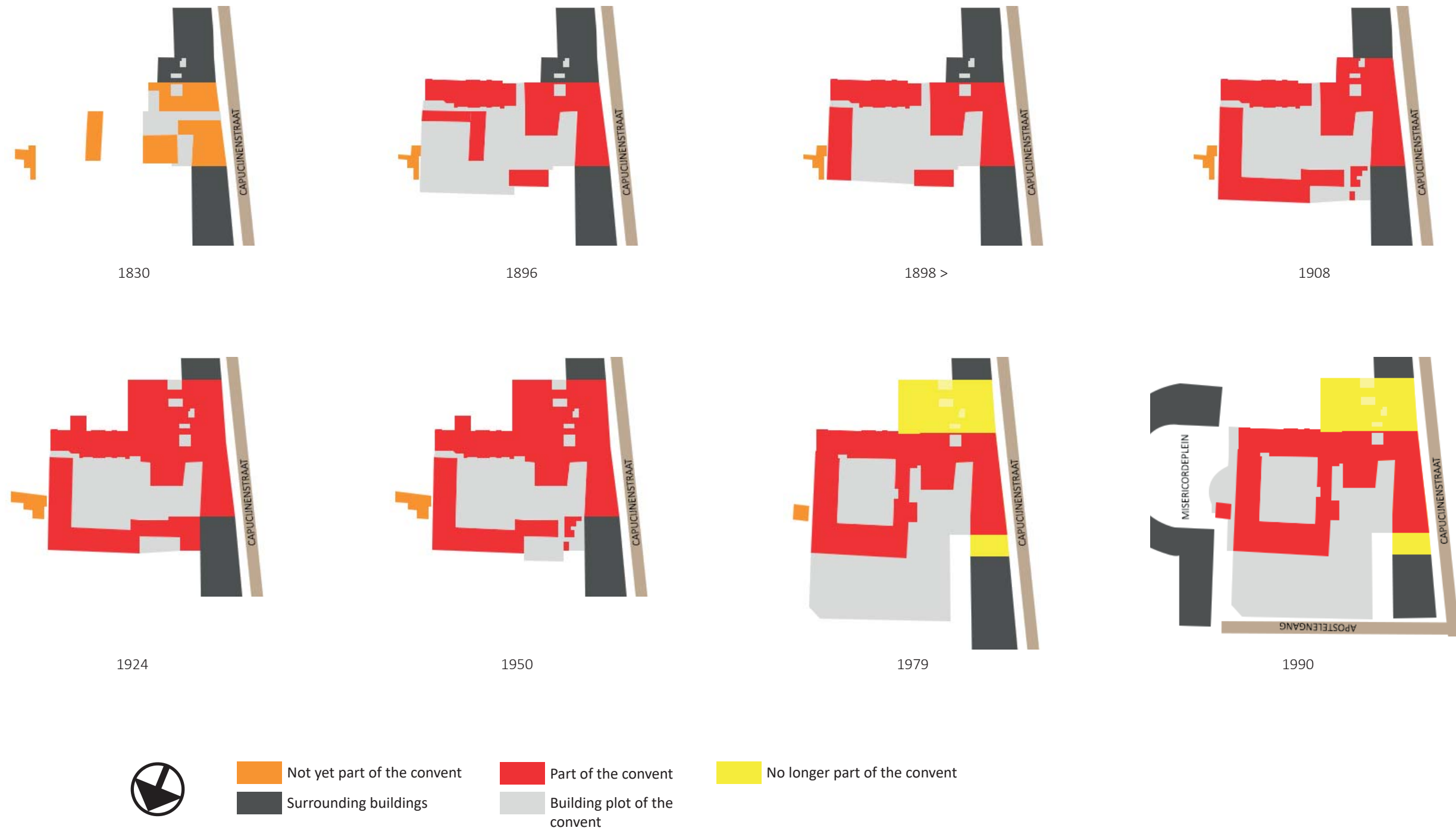
CLOISTERS



1924

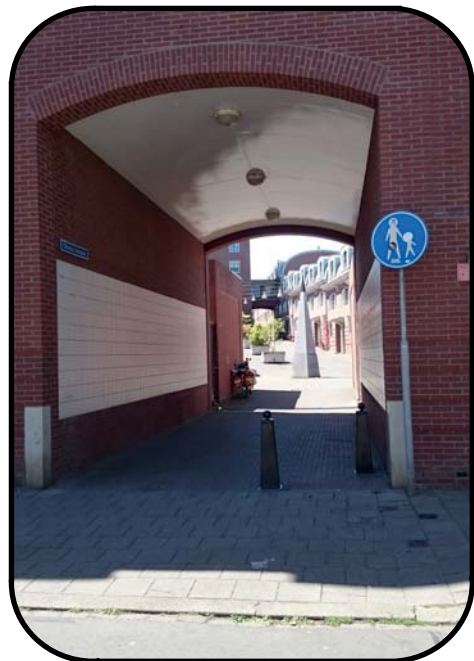
HISTORY

DEVELOPMENT OF THE CONVENT



SURROUNDINGS

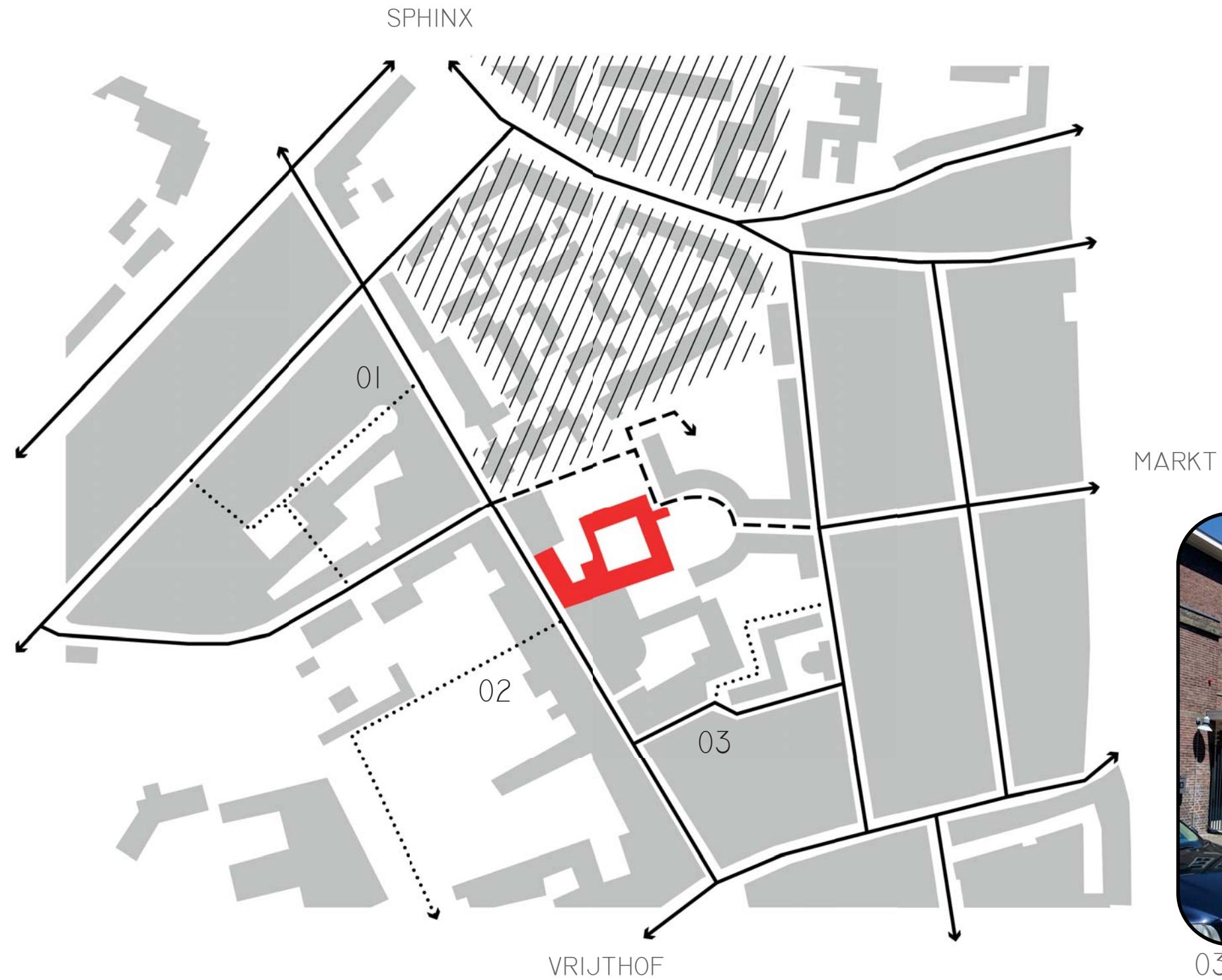
SECONDARY ROUTES



01 HOOG FRANKRIJK



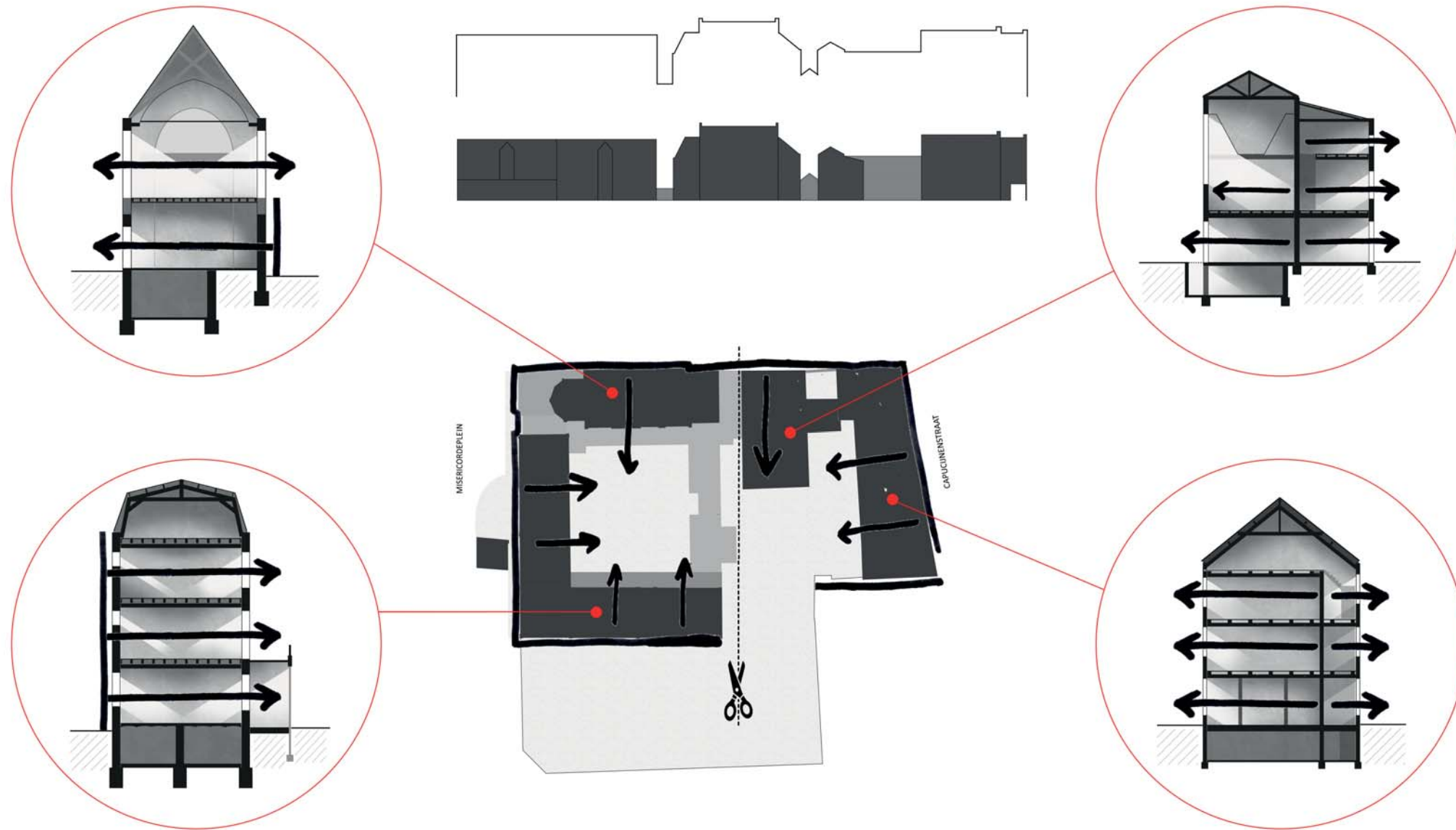
02 MARRES



03 CAPUCIJNENGANG

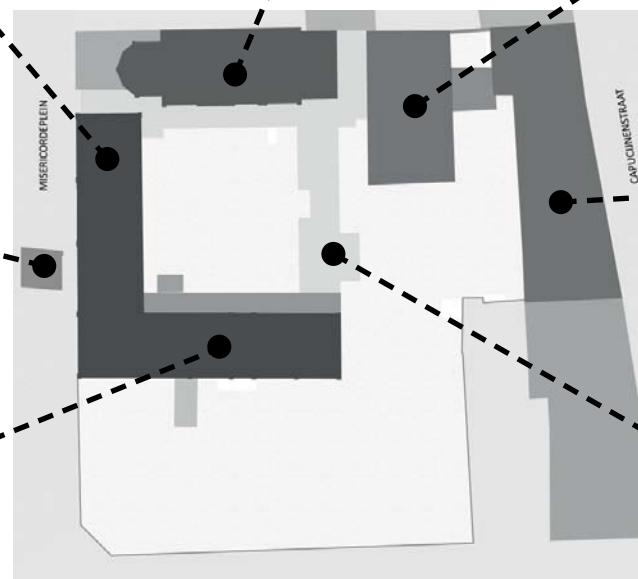
ESSENTIAL QUALITIES

ENSEMBLE



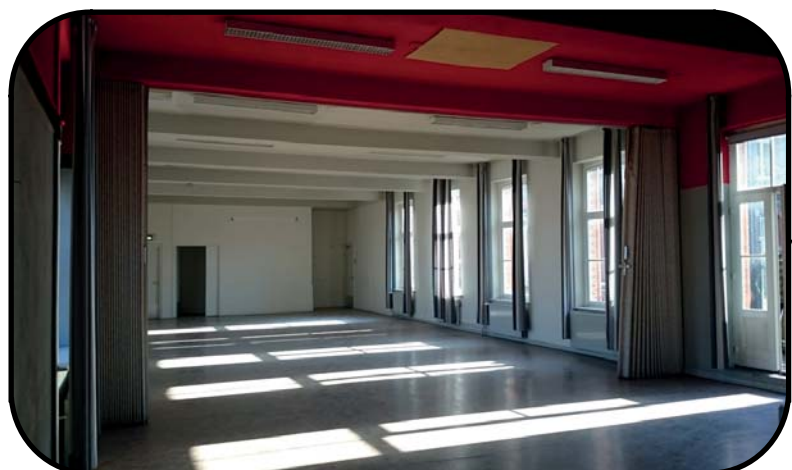
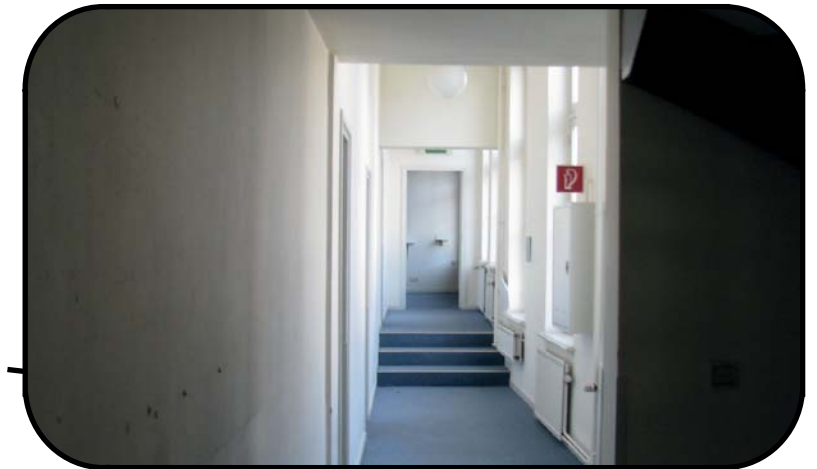
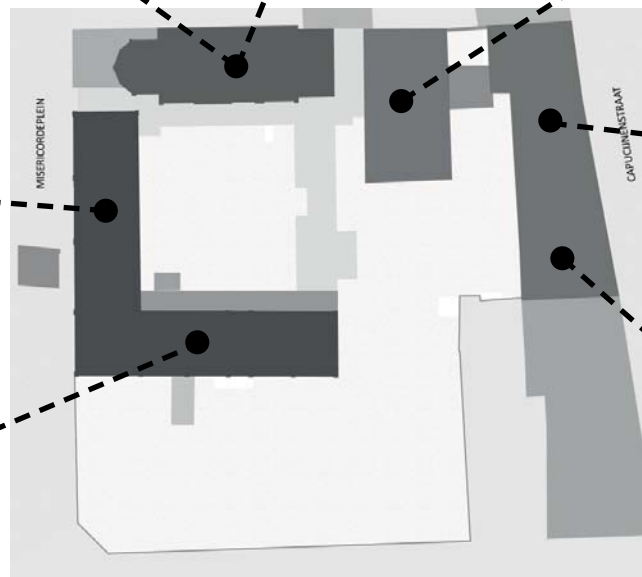
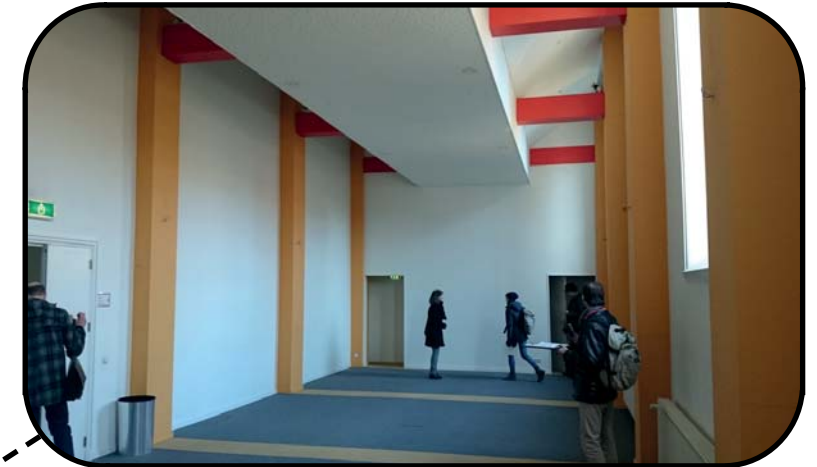
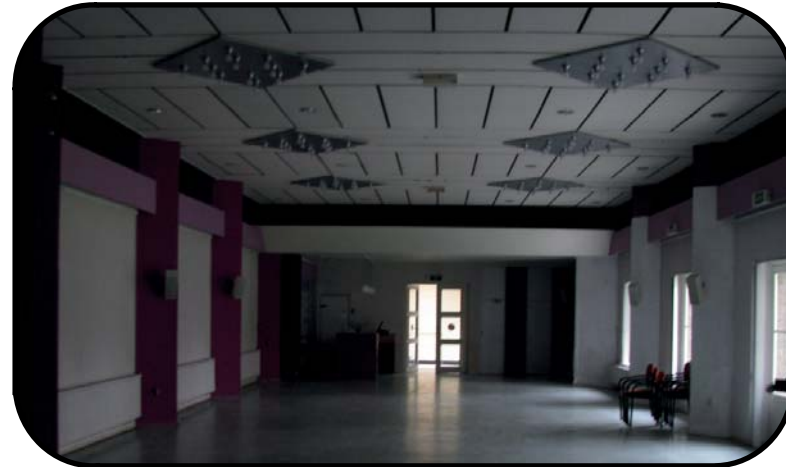
ESSENTIAL QUALITIES

BUILDING PARTS

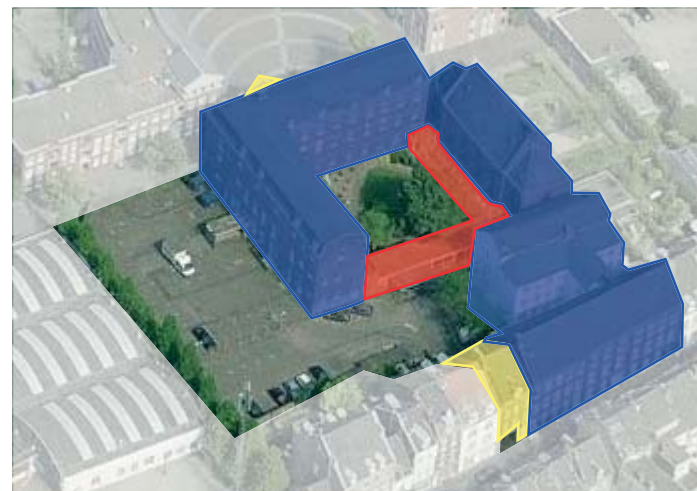


ESSENTIAL QUALITIES

BUILDING PARTS



CULTURAL VALUE

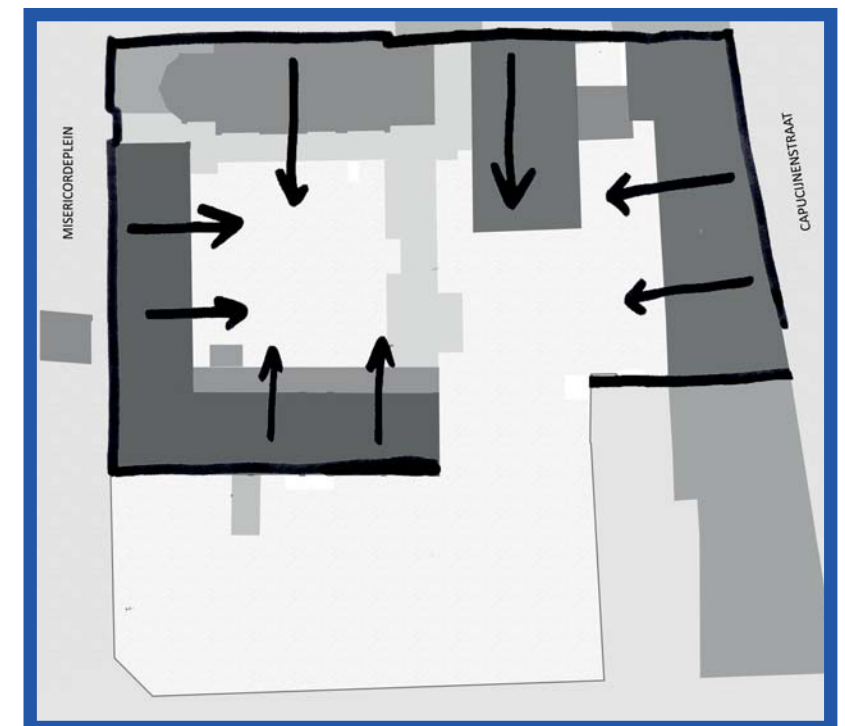


Source image: <http://www.bing.com/maps/>

MASS



OUTDOOR SPACE



CHARACTER

- High value
- Indifferent value
- Positive value
- Disturbing to valuables

PART 2 | DESIGN

DESIGN QUESTION

HOW CAN THE MISERICORDE COMPLEX BE ADAPTED FOR RE-USE WITHOUT
LOSING ITS ESSENTIAL ARCHITECTURAL QUALITIES?

STARTING POINTS

URBAN

CONNECT BUILDING ENSEMBLE TO THE URBAN STRUCTURE OF MAASTRICHT
RESPOND TO SOCIAL CONTEXT

ENSEMBLE

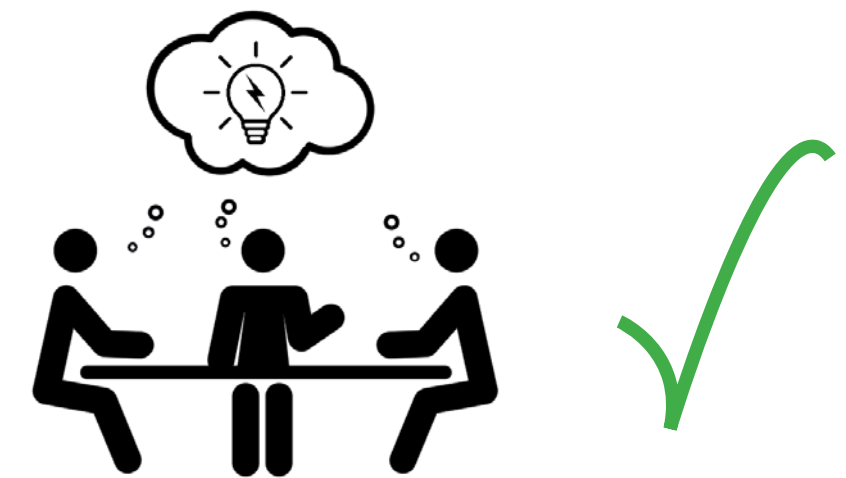
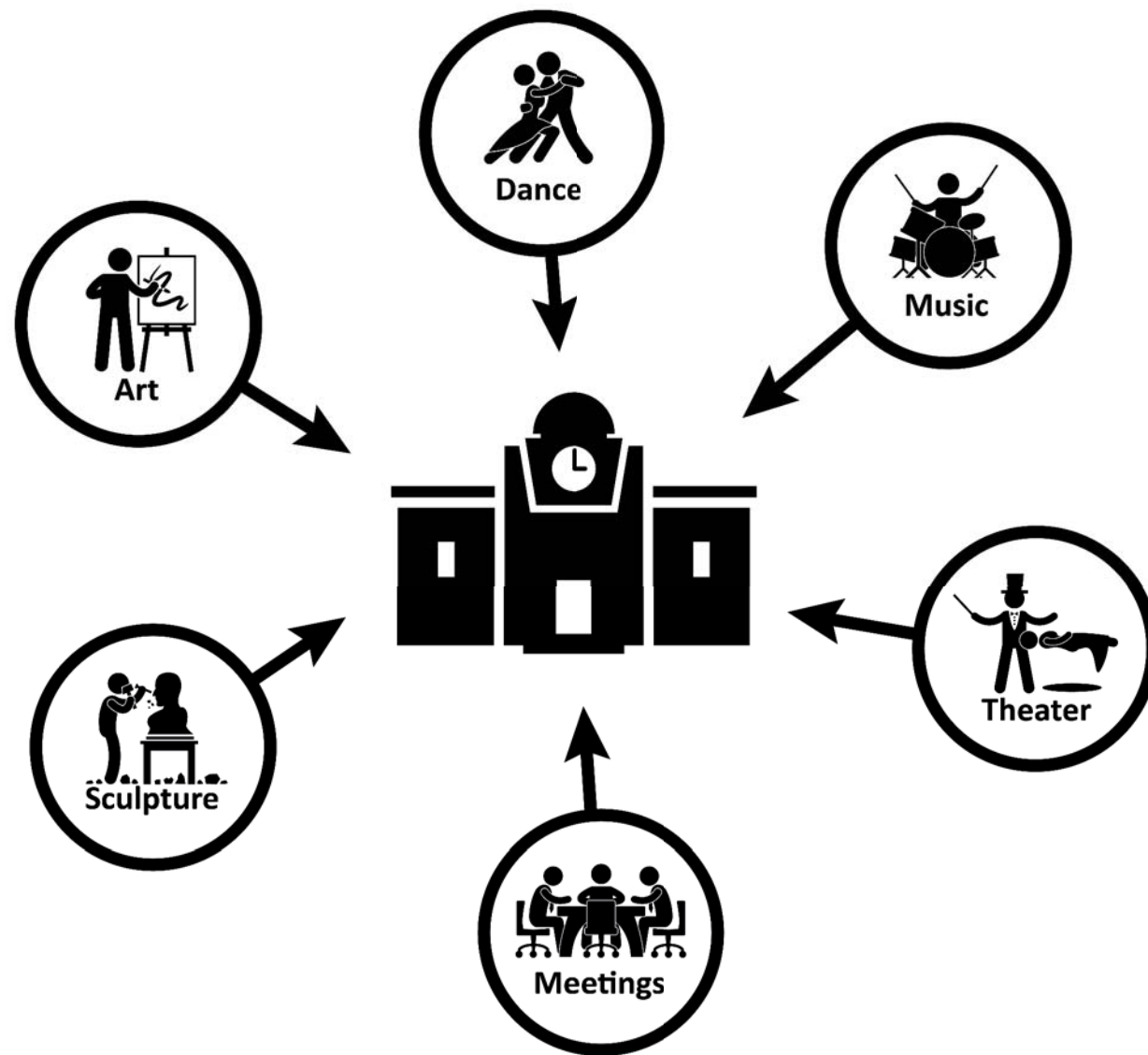
EMPHASIZE THE RELATIONSHIP BETWEEN BUILDING PARTS
FOCUS ON RELATION INDOOR AND OUTDOOR SPACES
SHOW TIME LAYERS
IMPROVE ORGANISATIONAL STRUCTURE

BUILDINGS

PRESERVE CHARACTERISTICS OF INDIVIDUAL BUILDING PARTS

NEW PROGRAM

CULTUURPROFIELSCHOOL



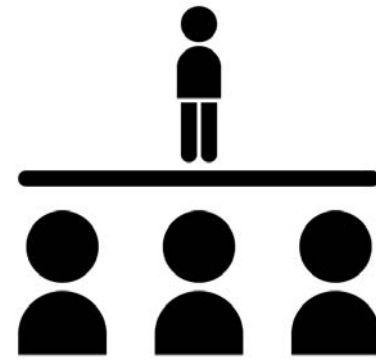
NEW PROGRAM

REQUIREMENTS

SCHOOL



CLASSROOMS
x 30-35



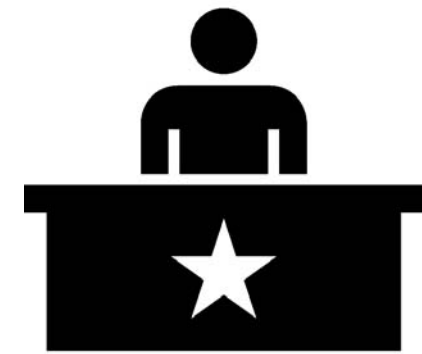
AUDITORIUM



CANTEEN



LIBRARY



OFFICES

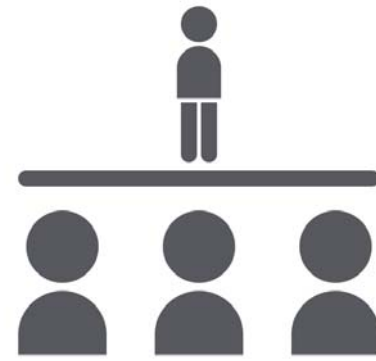
TOTAL +/- 3500 M2

NEW PROGRAM REQUIREMENTS

SCHOOL



CLASSROOMS
x 30-35



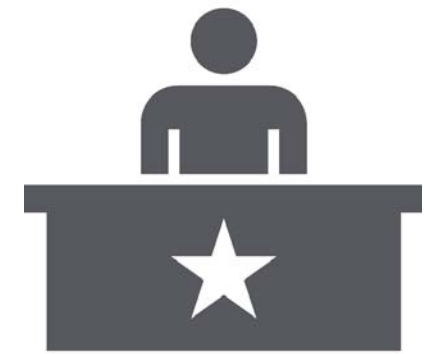
AUDITORIUM



CANTEEN



LIBRARY



OFFICES

CREATIVE



ART



CRAFTSMANSHIP



THEATER



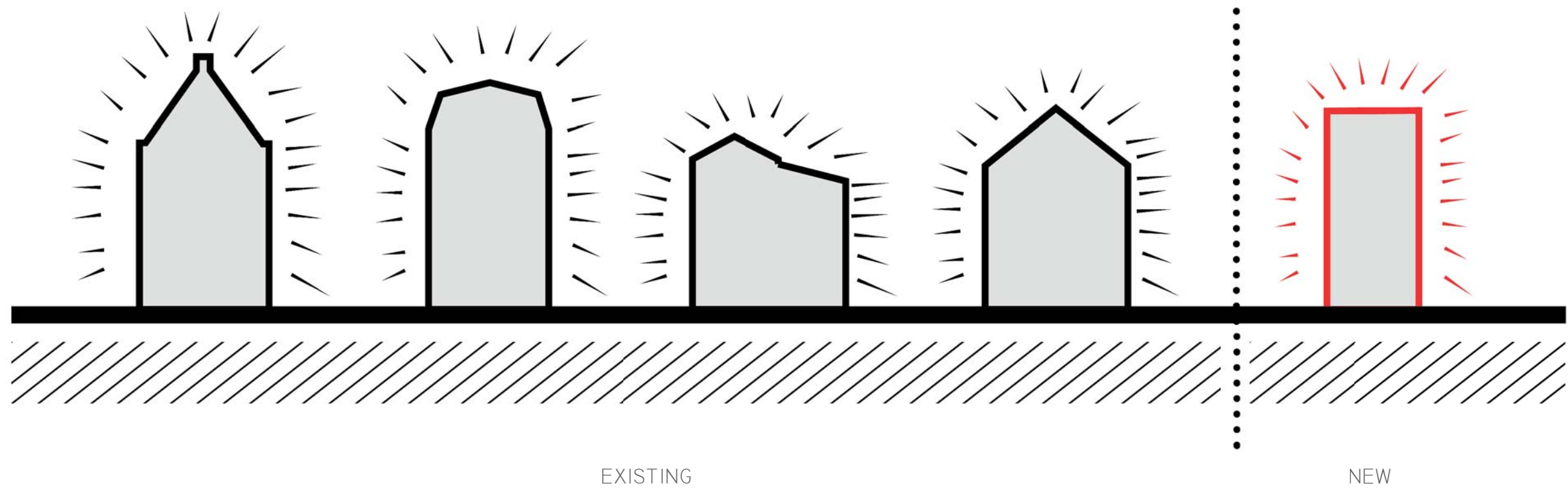
MUSIC



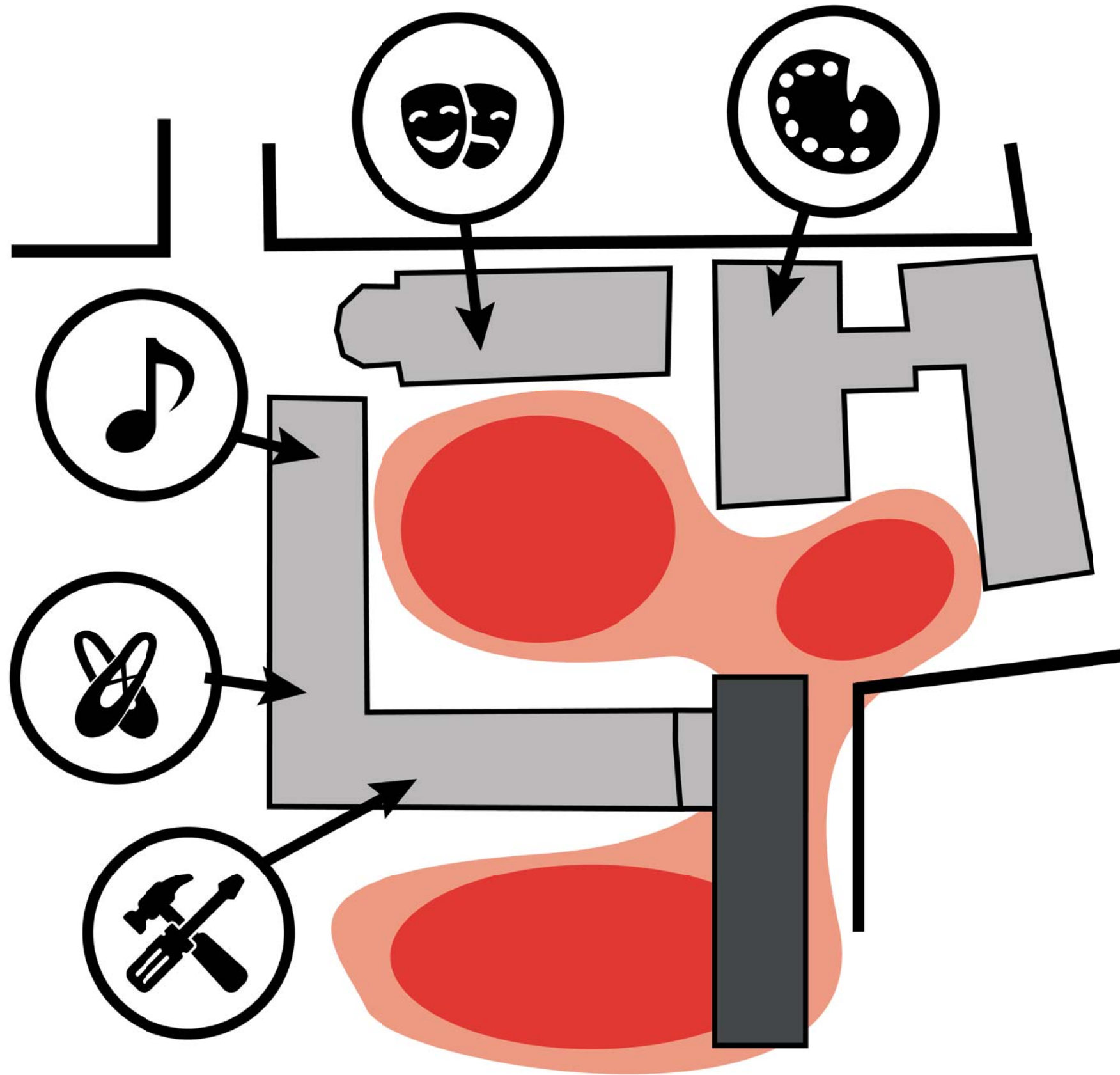
DANCE

TOTAL +/- 3500 M2

VISION



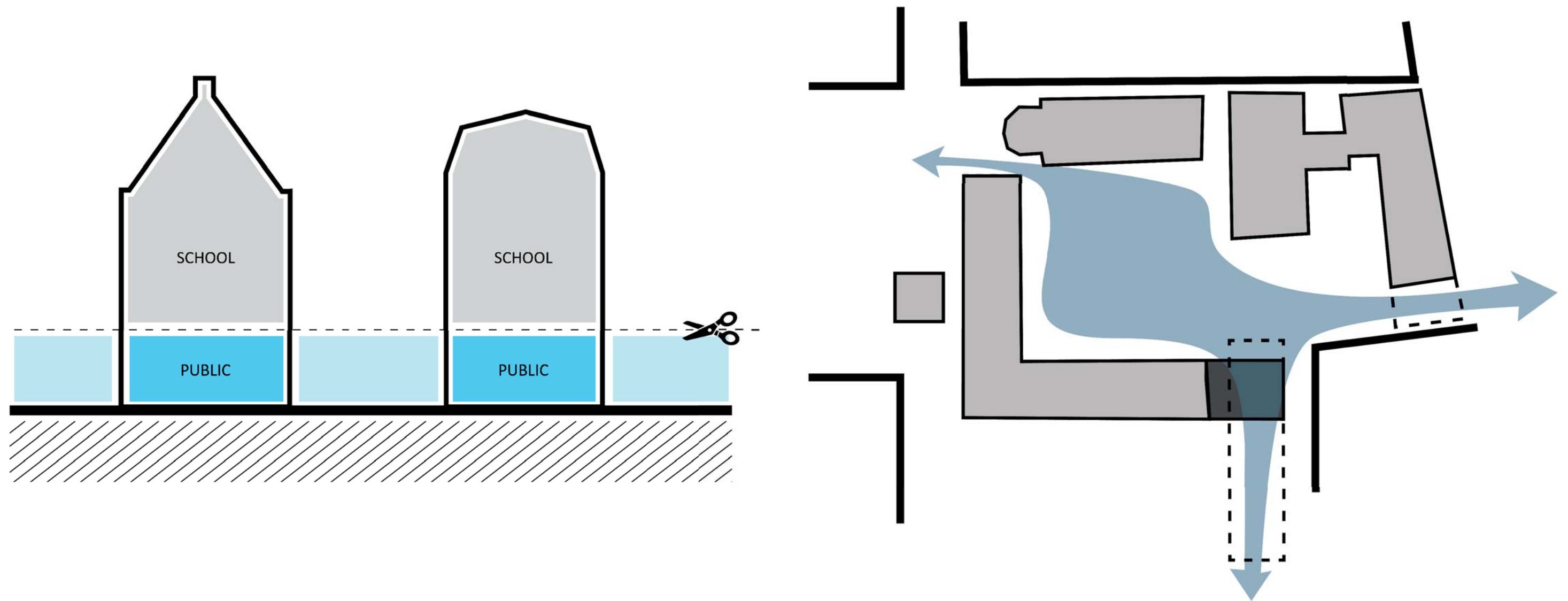
PUBLIC SQUARES



URBAN INTERACTION



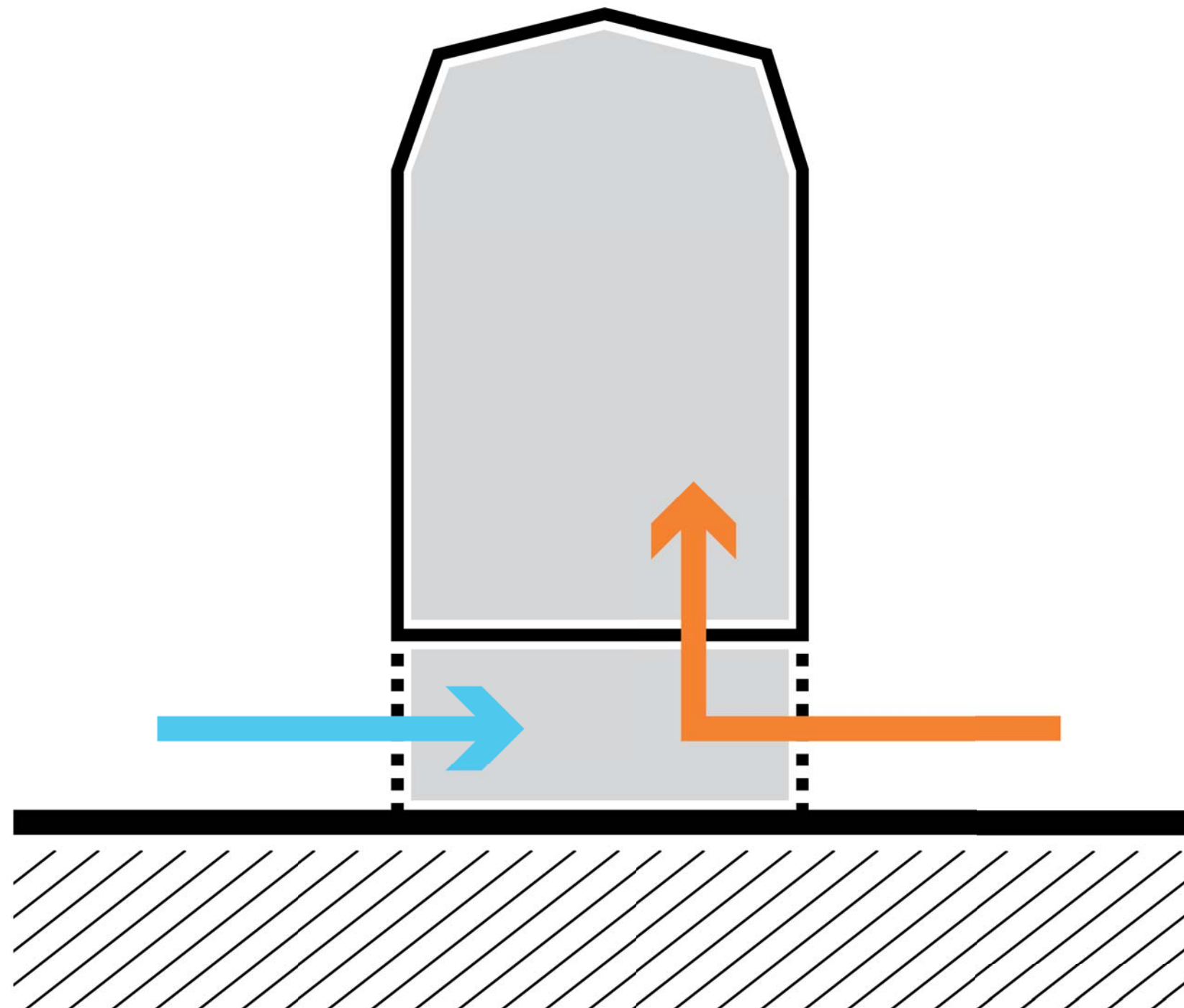
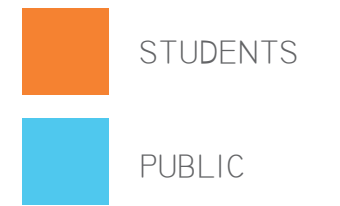
CONNECTION WITH THE URBAN STRUCTURE



HIDDEN WORLD



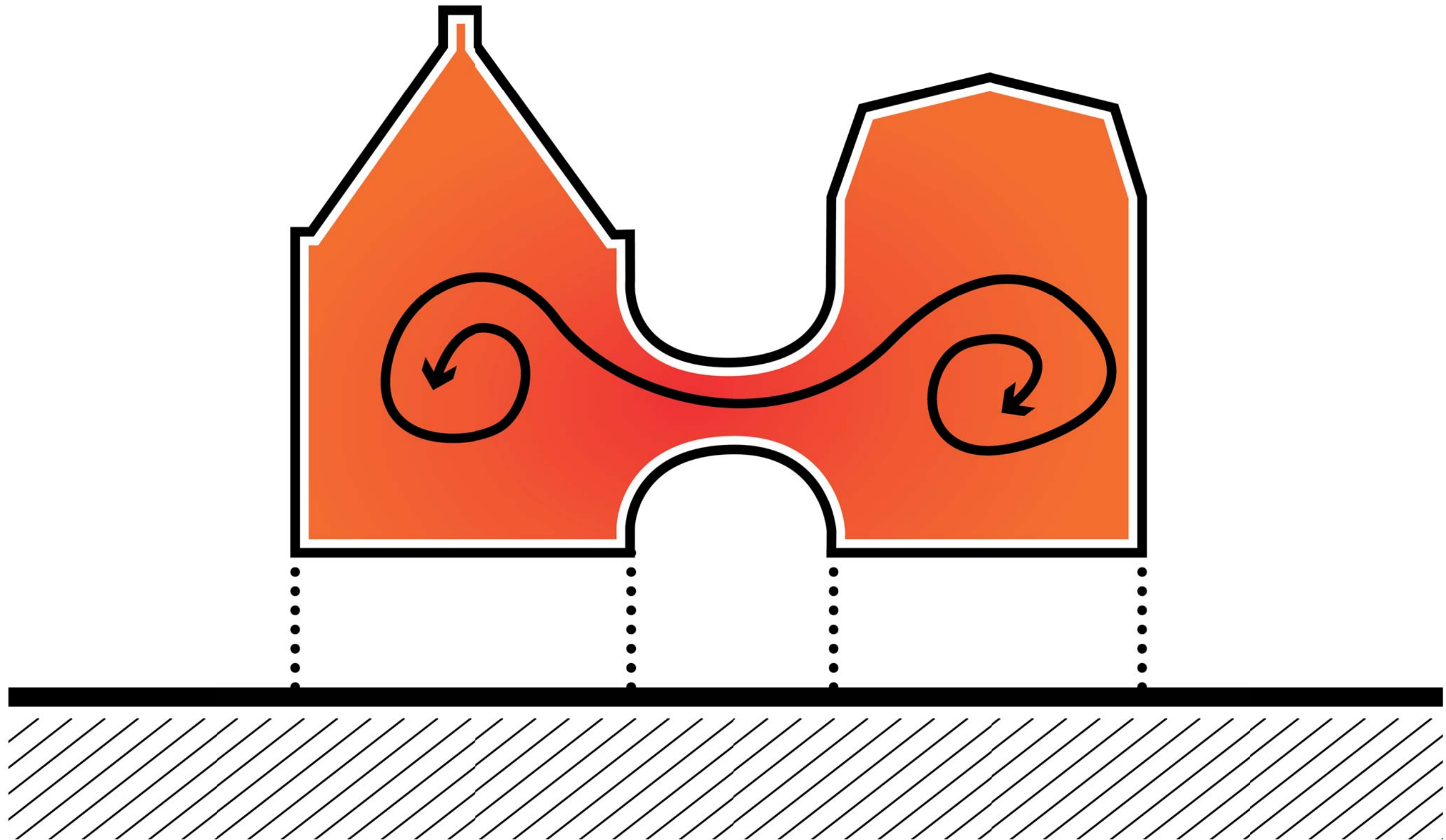
MULTI-USE GROUND FLOOR



URBAN COHESION

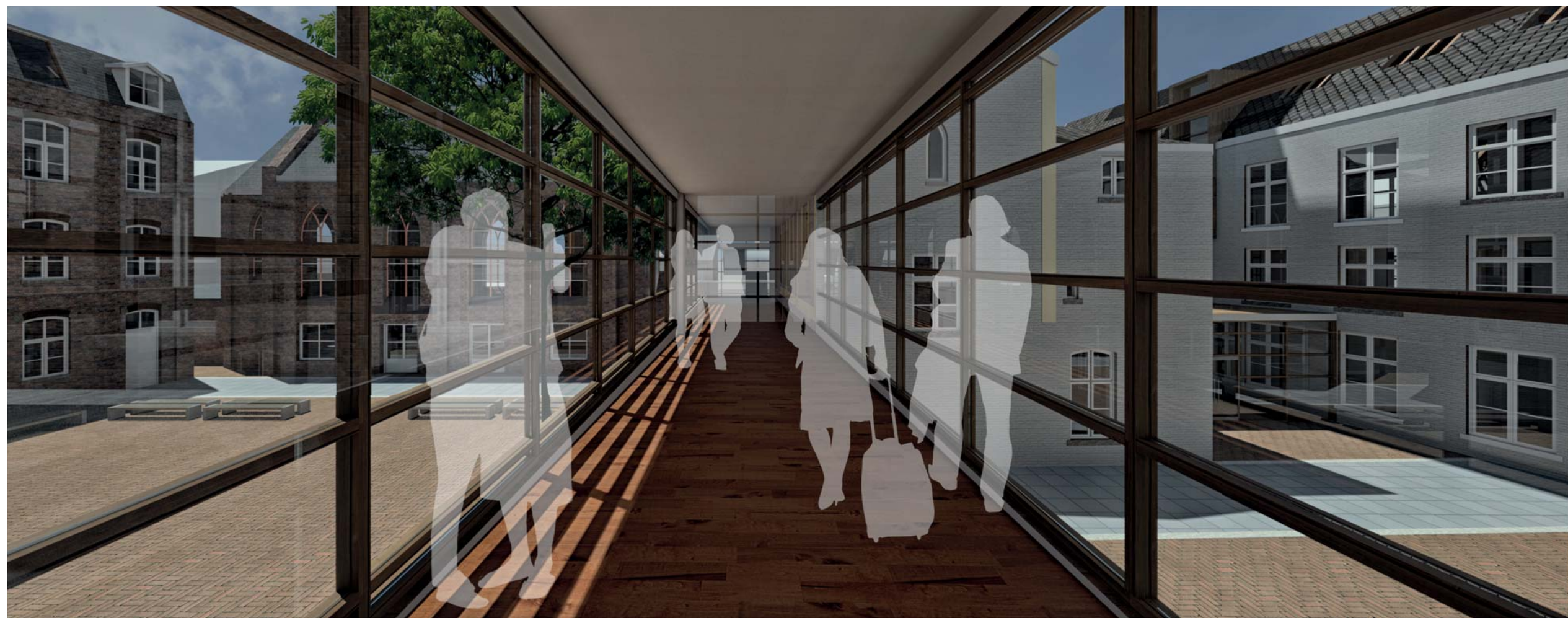


CONCEPT

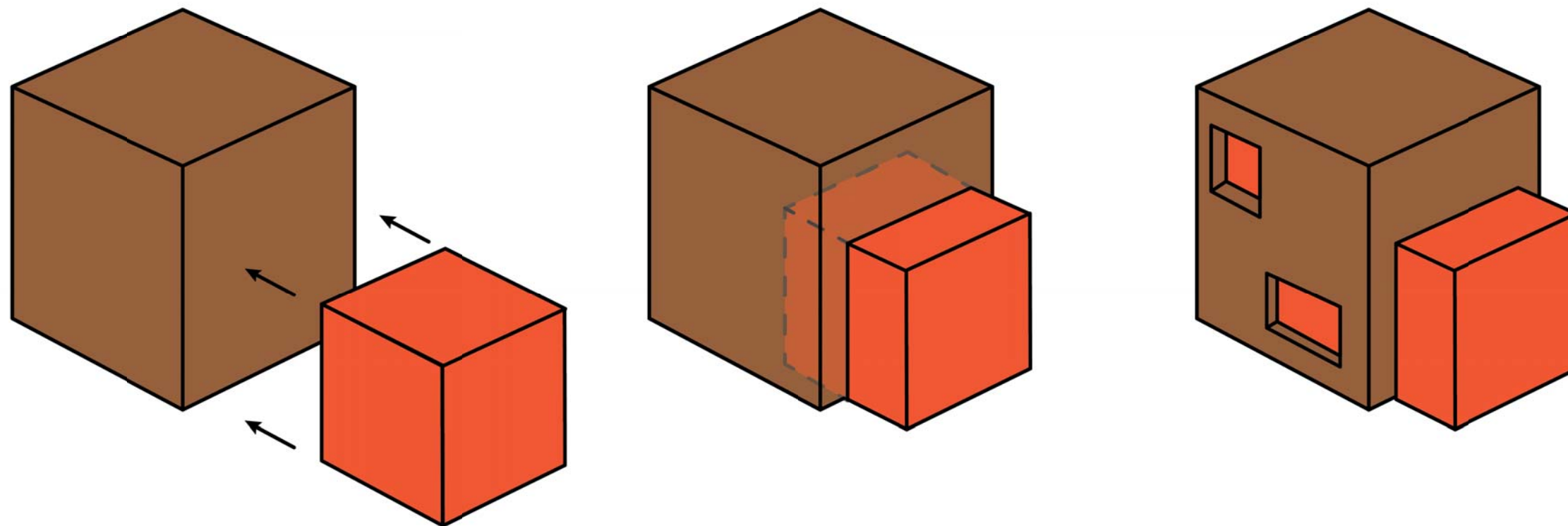
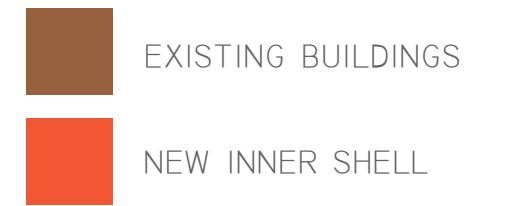


COHESION ENSEMBLE

BRIDGE



INTERIOR COHESION



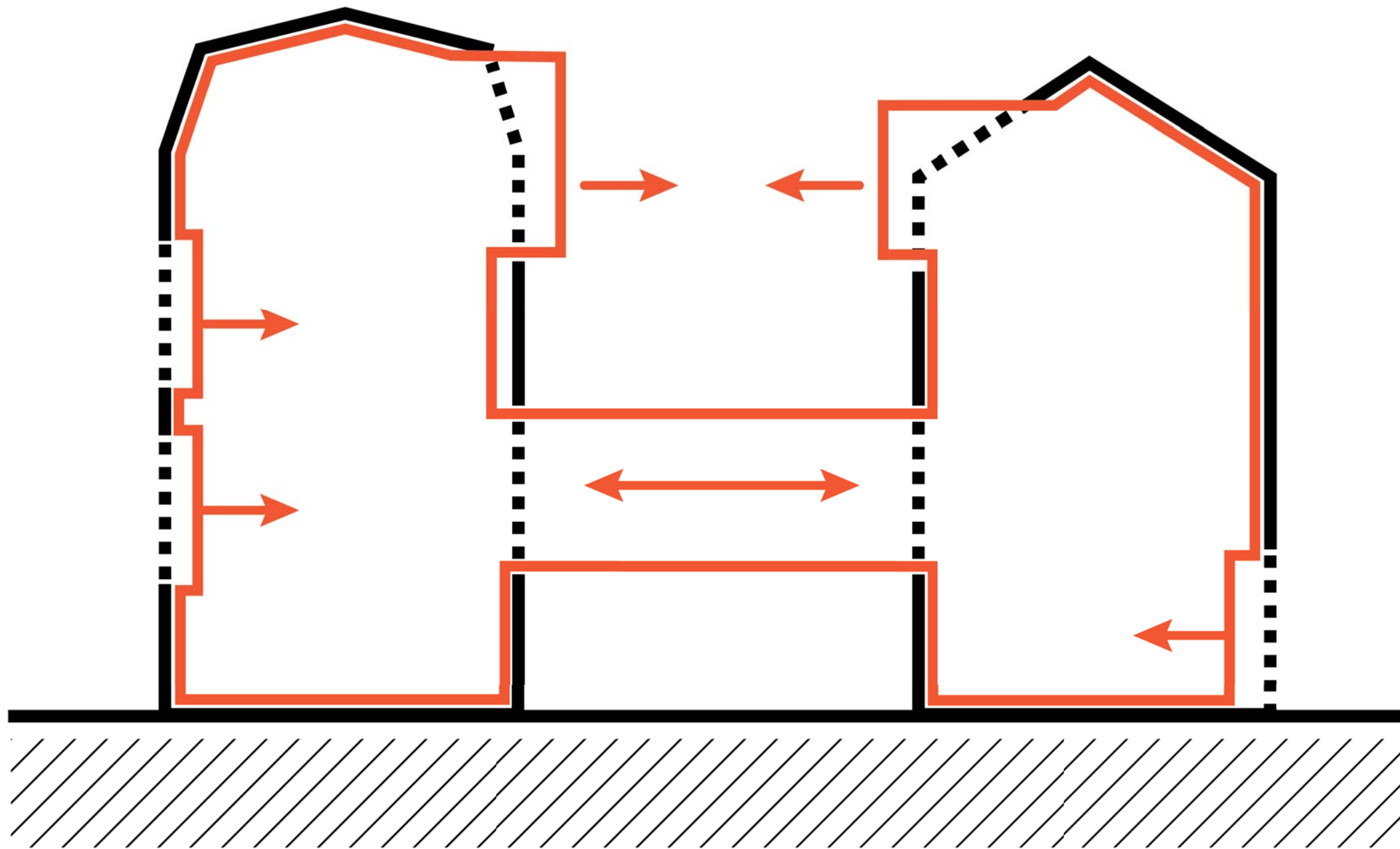
MATERIALIZATION

INTERIOR



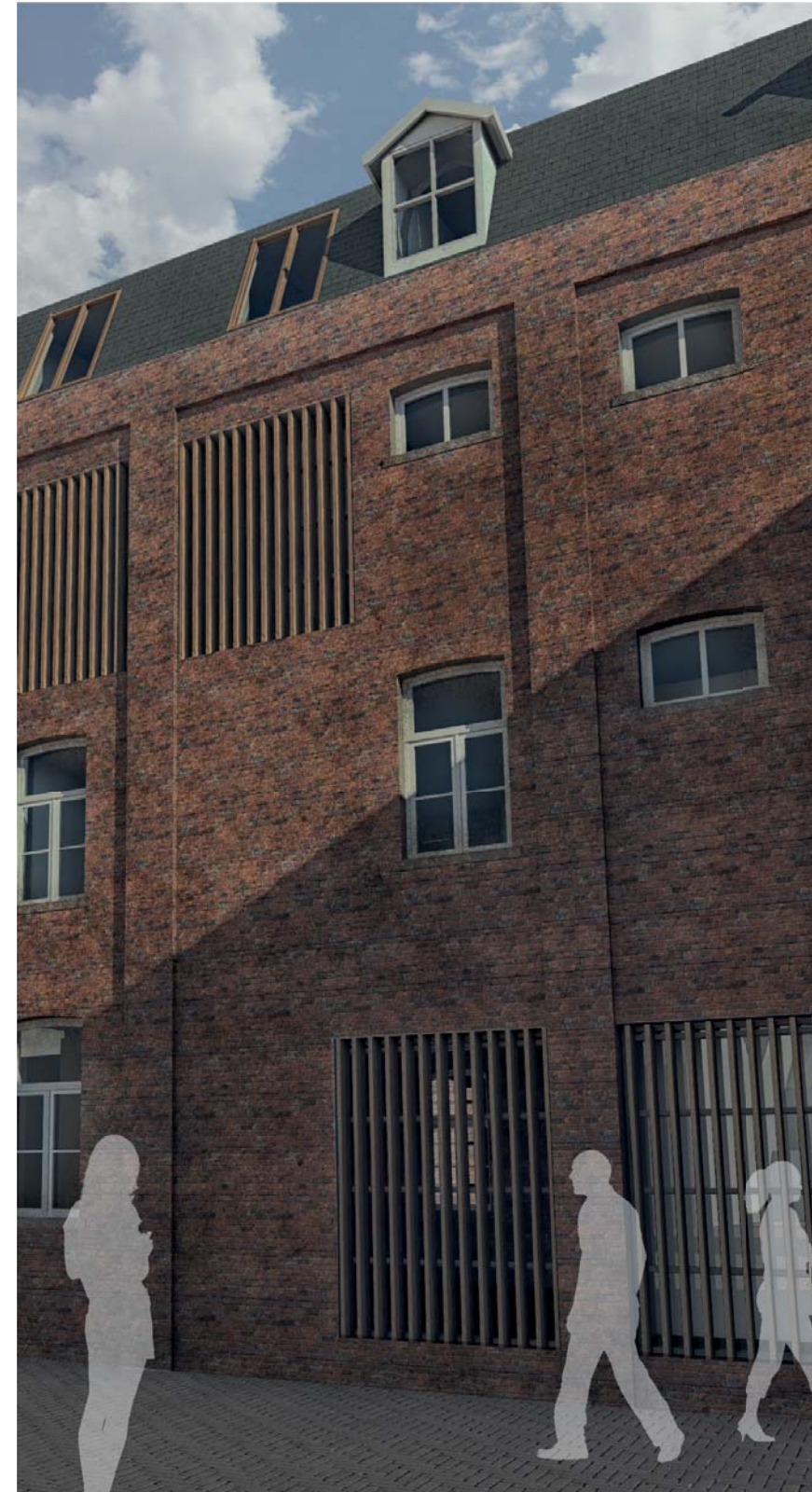
INTERVENTIONS

TWO EXPRESSIONS

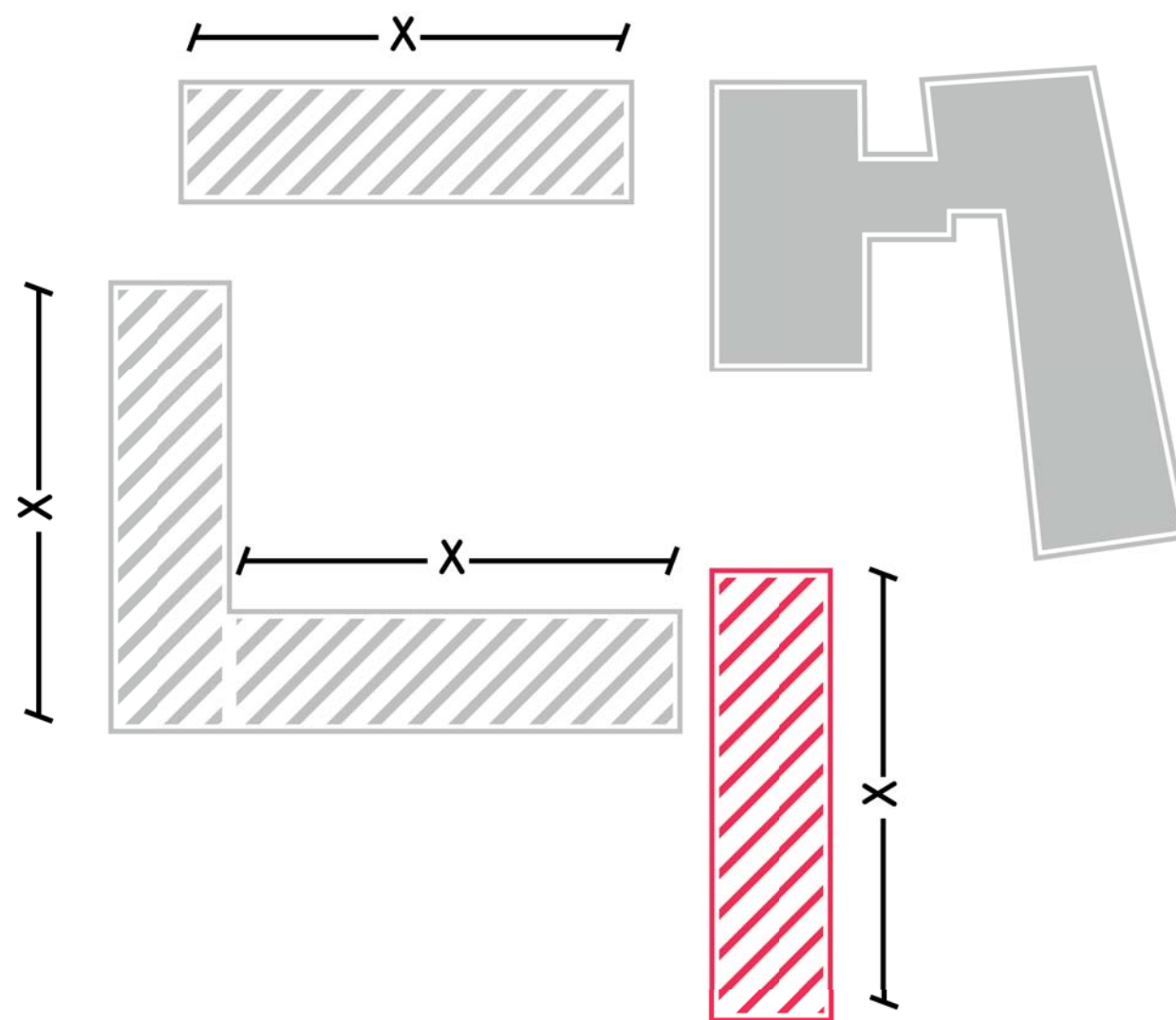


INTERVENTIONS

TWO EXPRESSIONS



SCALE AND RATIO EXTENSION



RHYTHMS IN THE NEW BUILDING

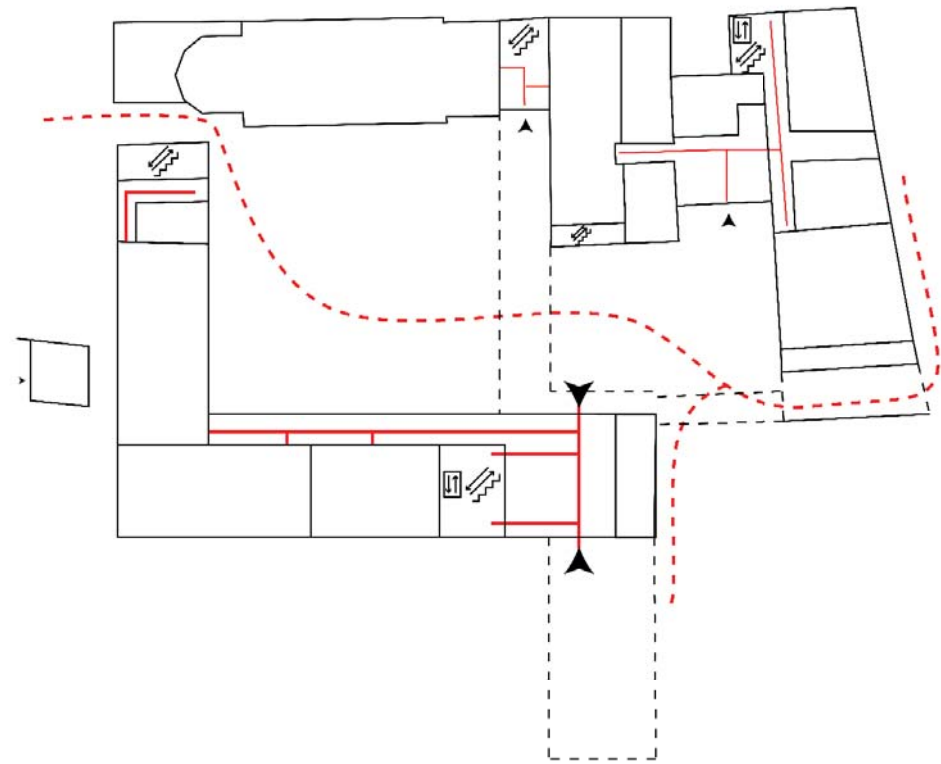


THE "NODE"

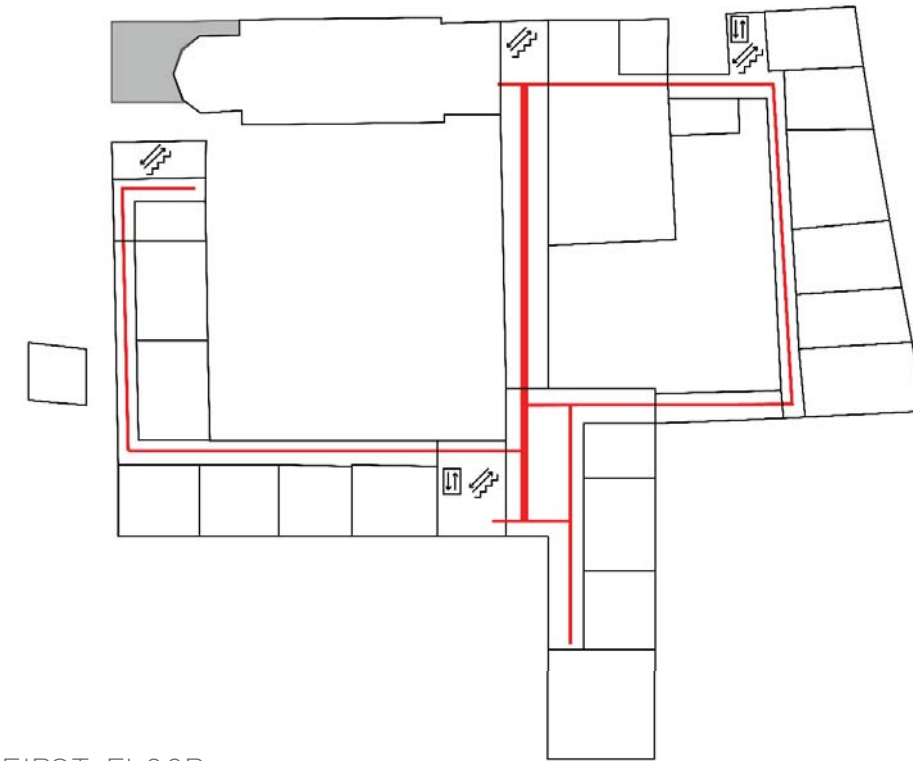
LIGHT AND SPACE



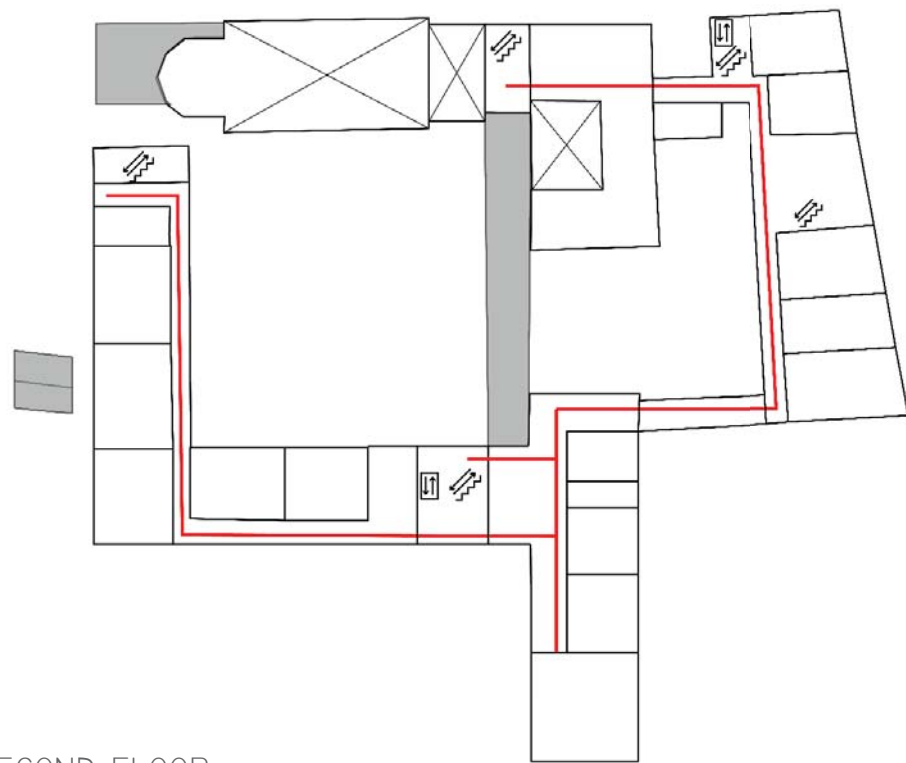
CIRCULATION



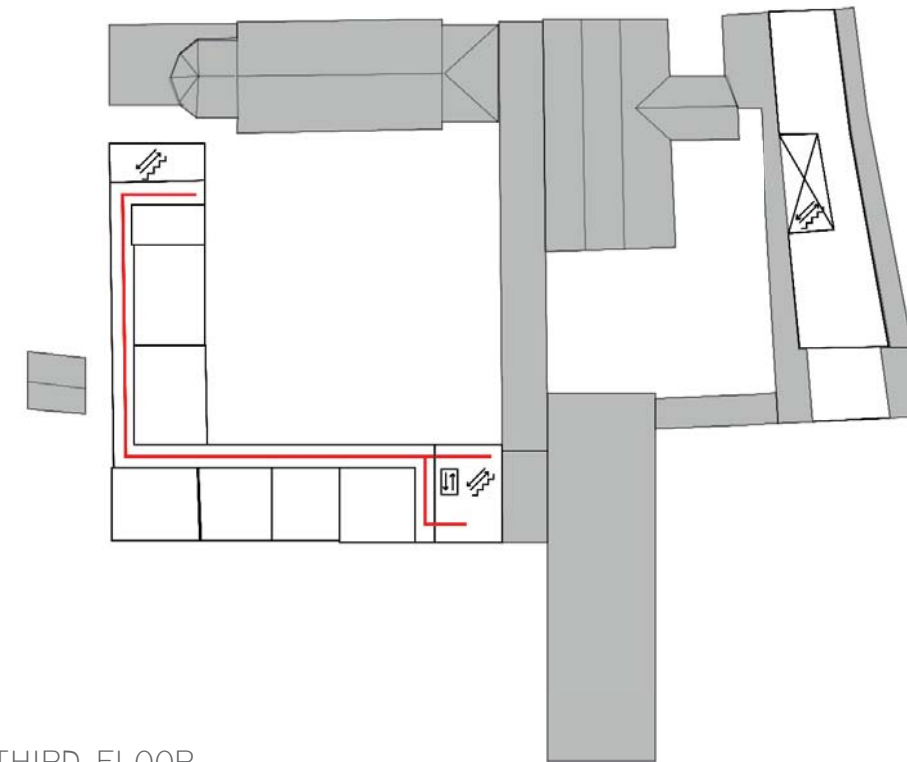
GROUND FLOOR



FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



ORIENTATION

CHARACTERISTIC HALLWAYS

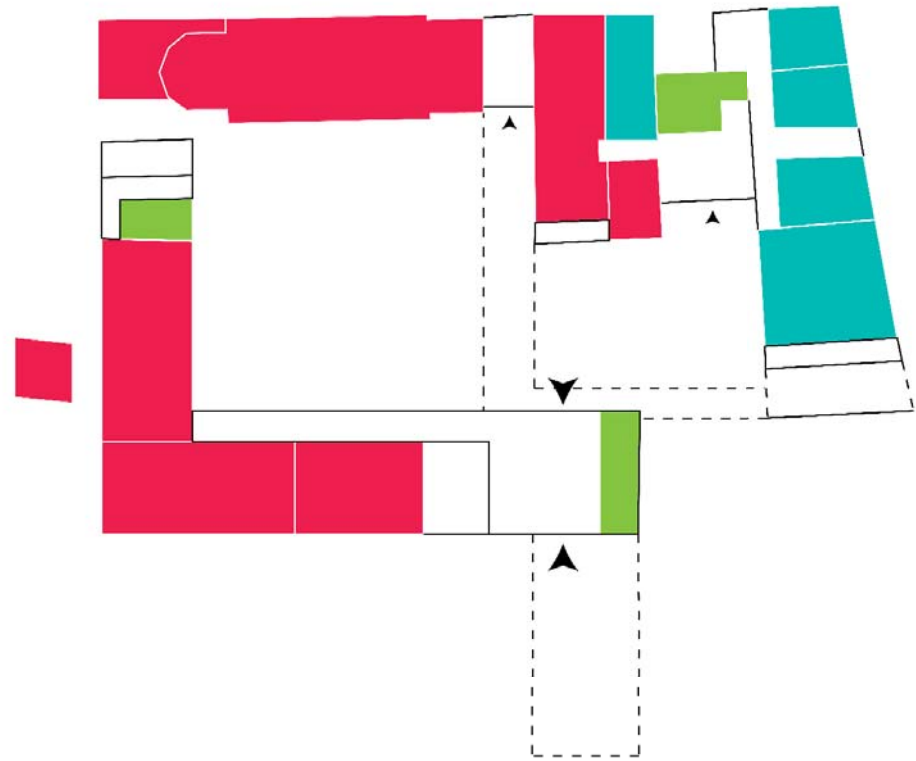


HALLWAY IN CAPUCIJNENSTRAAT WING



HALLWAY IN LAUNDRY AND IRONING WING

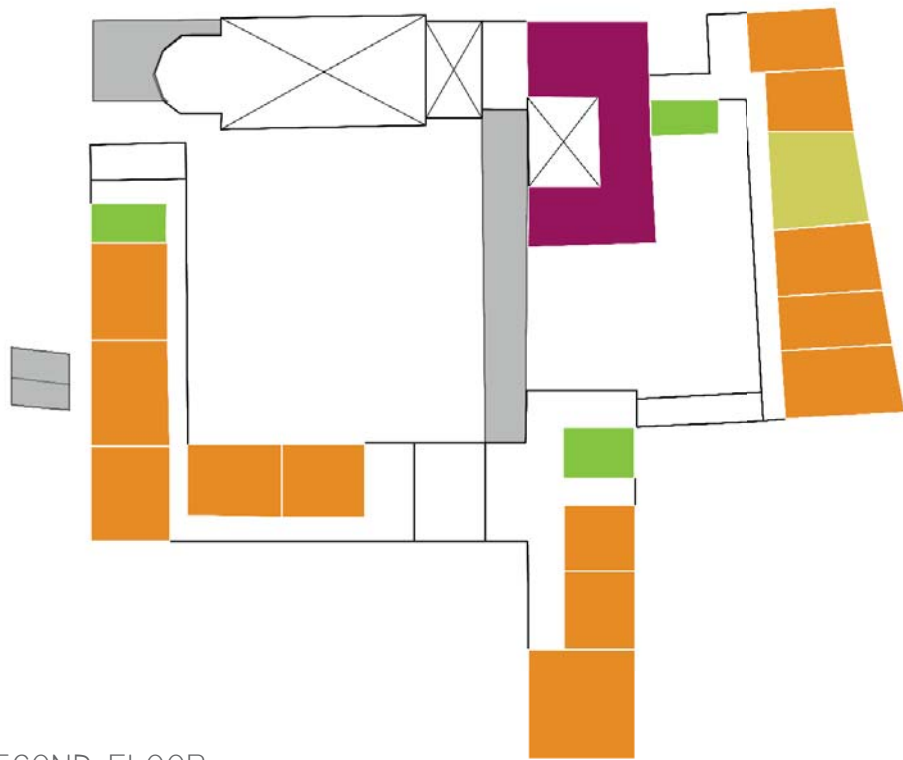
NEW PROGRAM



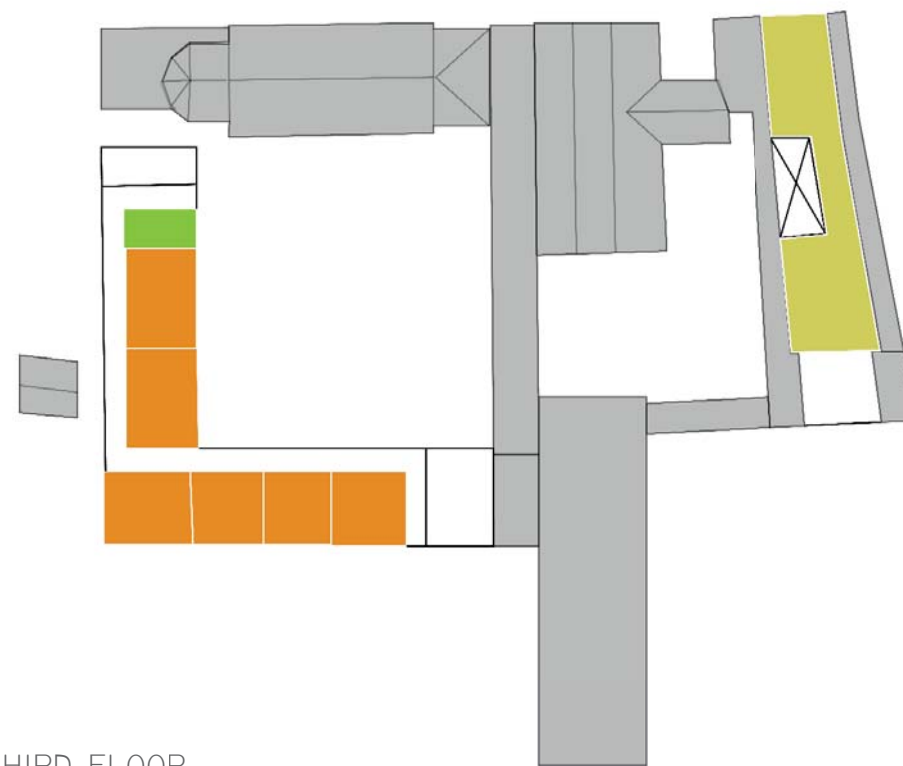
GROUND FLOOR




FIRST FLOOR



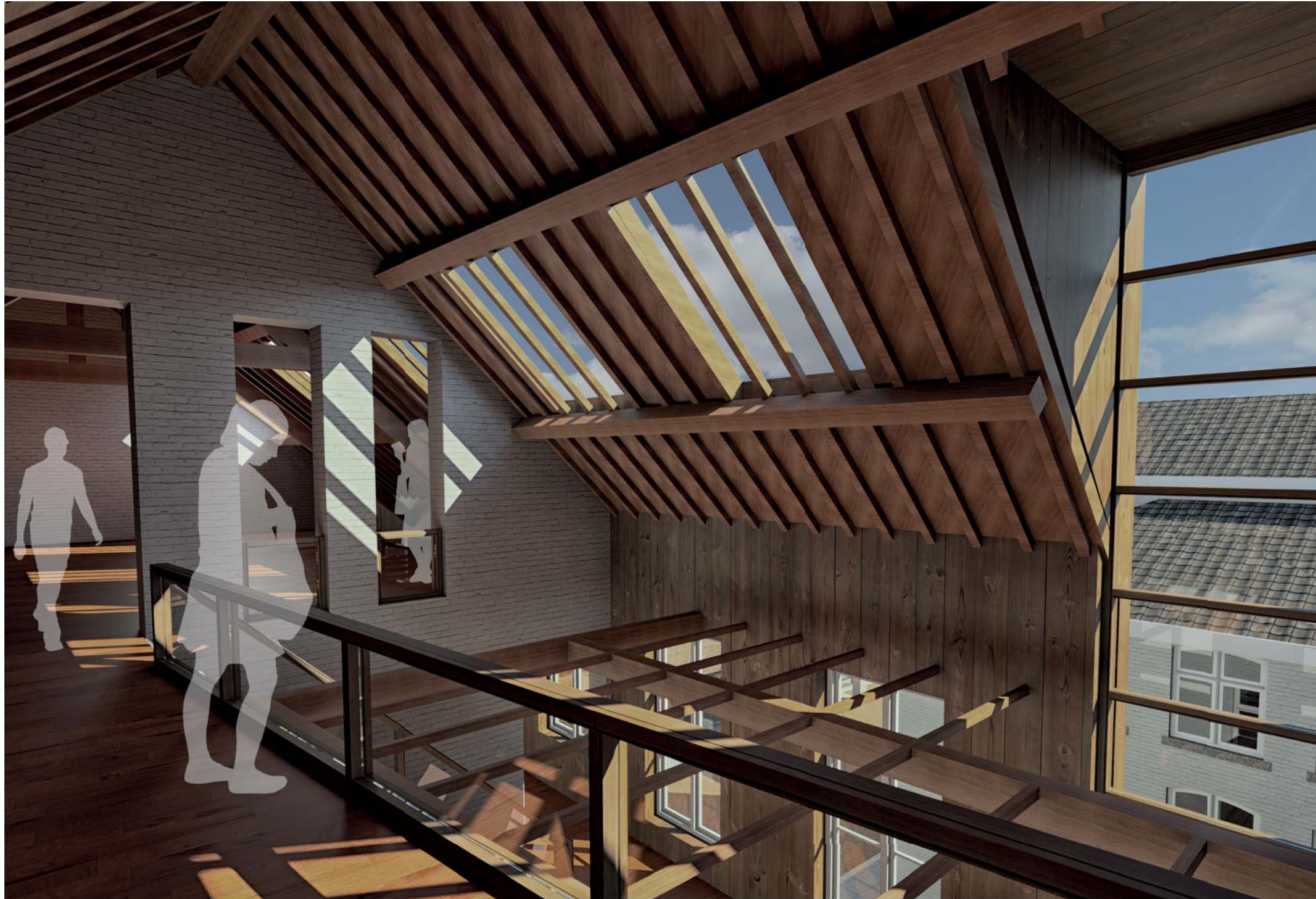
SECOND FLOOR



THIRD FLOOR

- CANTEEN
 - CREATIVE FACILITIES
 - TOILETS
 - LIBRARY
 - OFFICES
 - CLASSROOMS
- 

LIBRARY

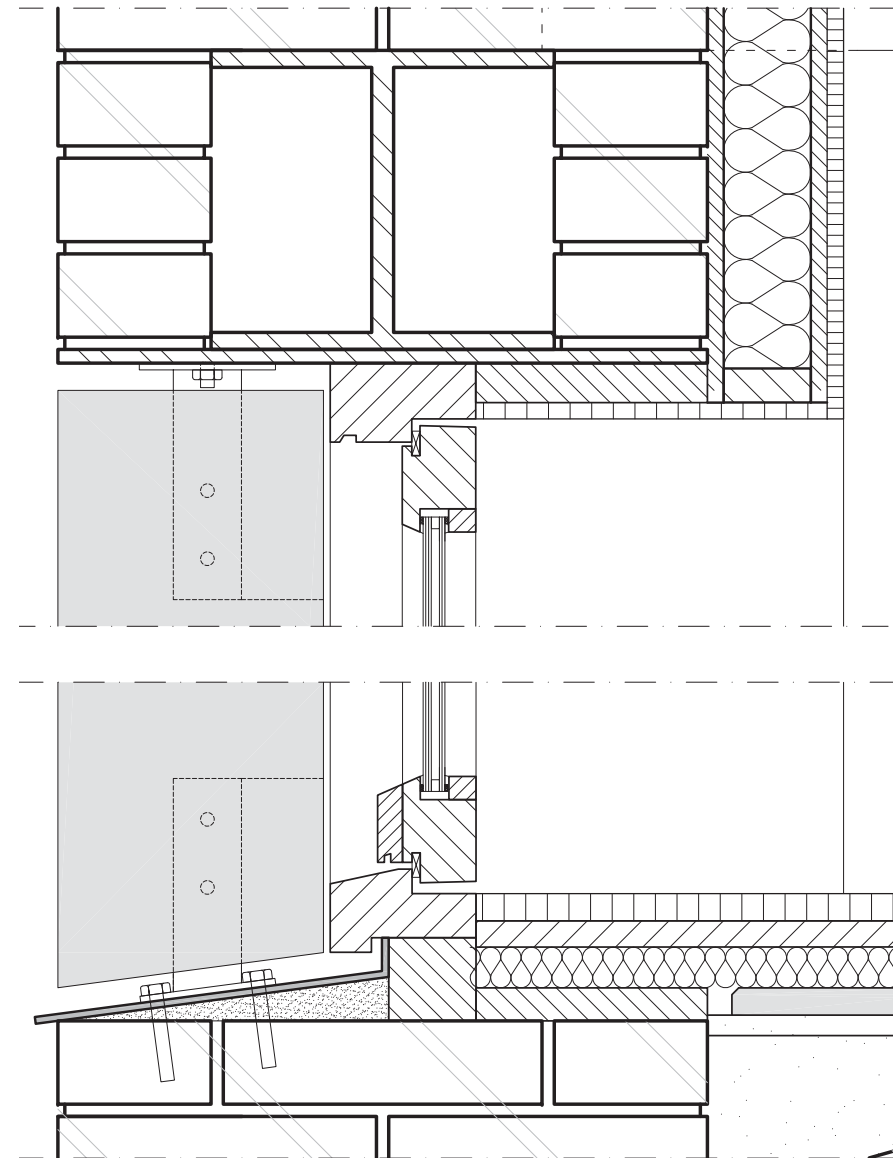


CANTEEN



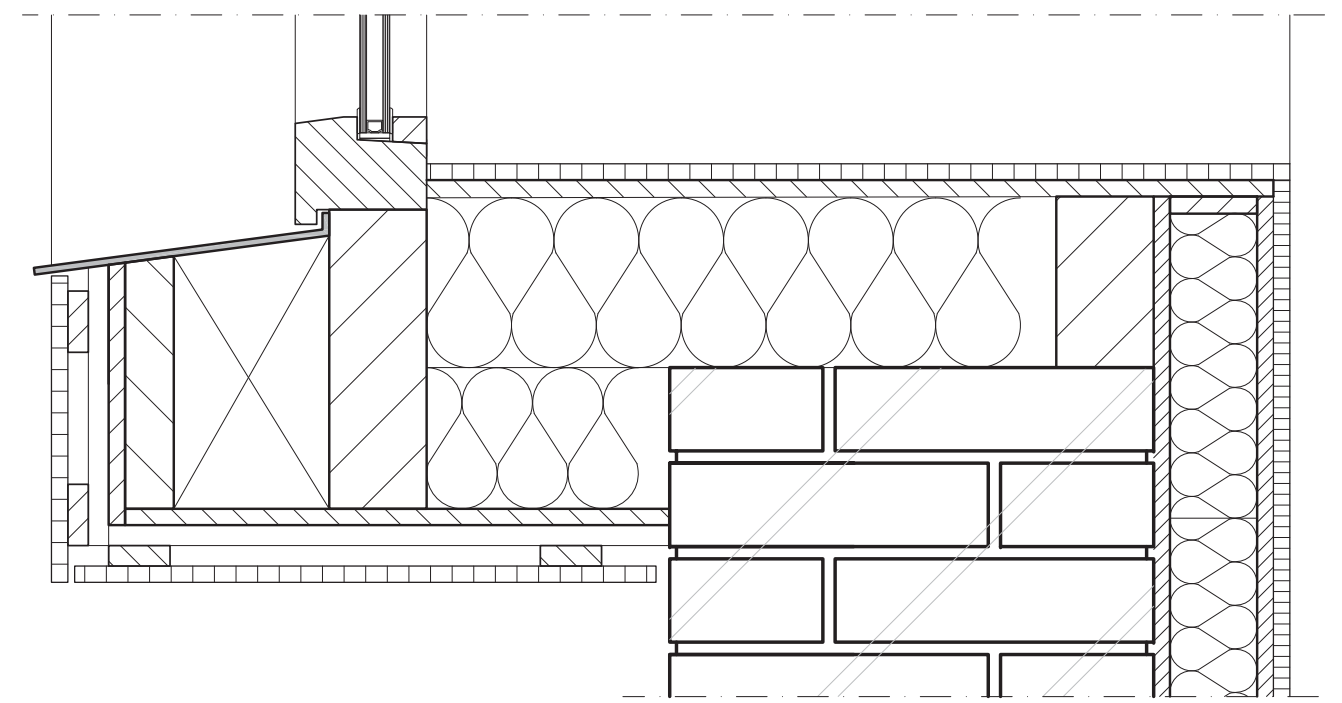
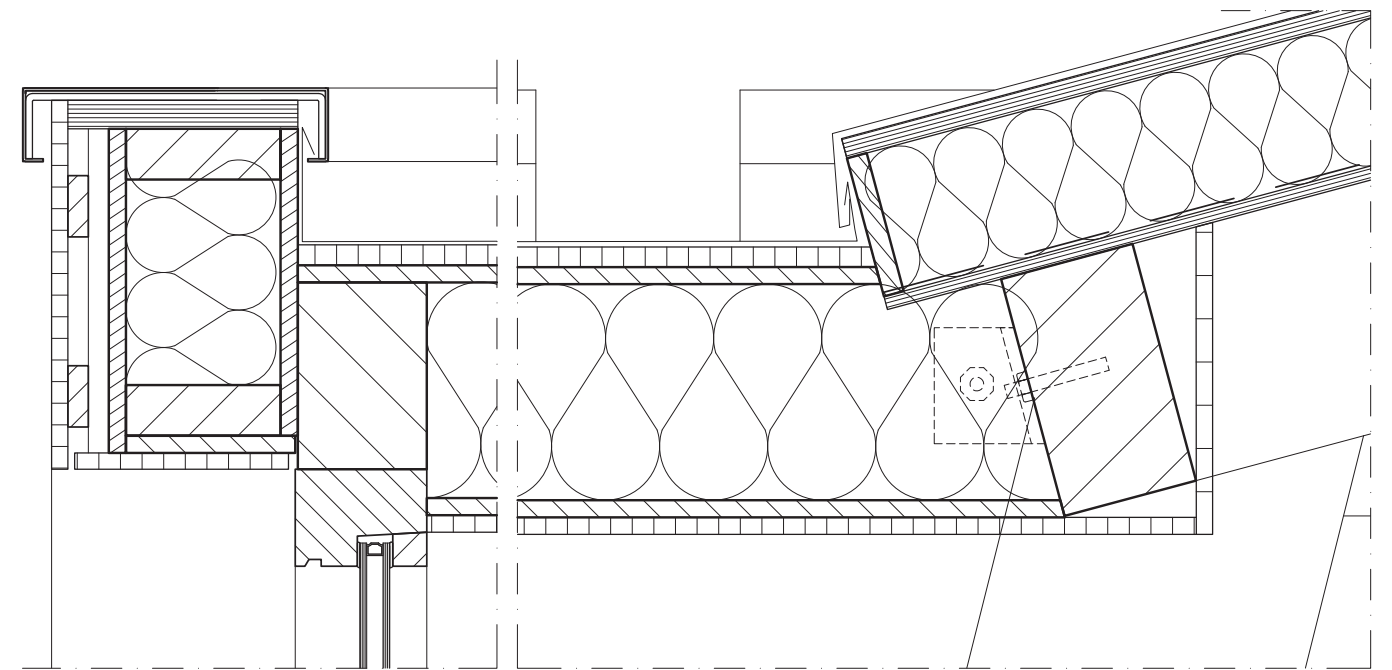
EXTERN INTERVENTIONS

LAMELLA



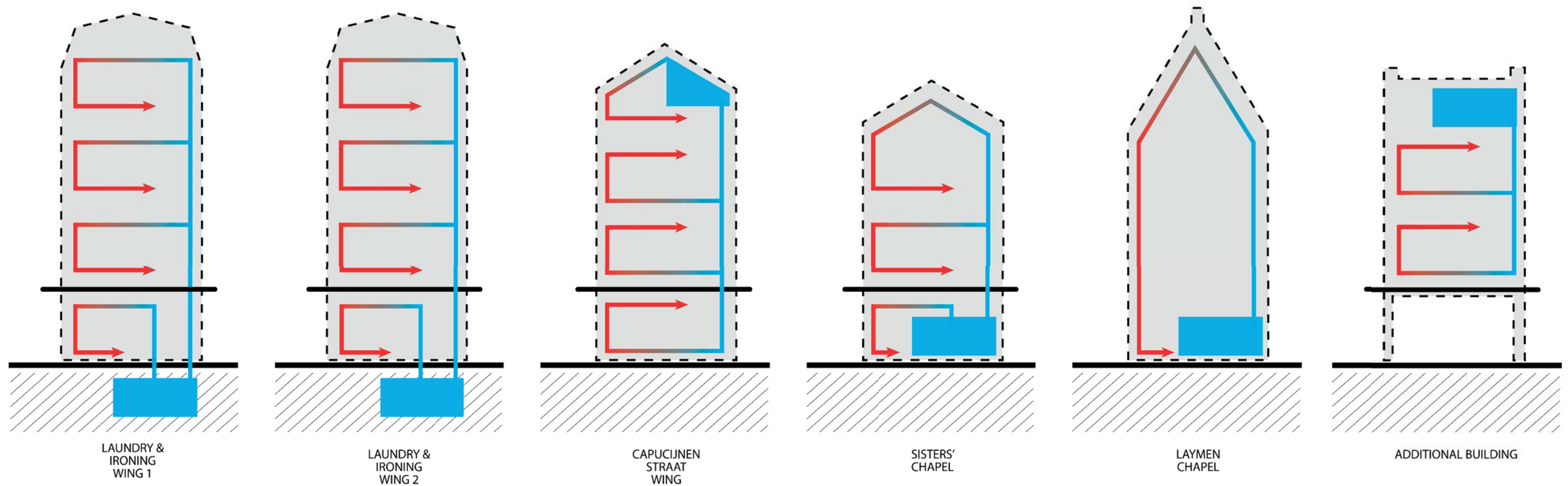
INTERN INTERVENTIONS

FRAME



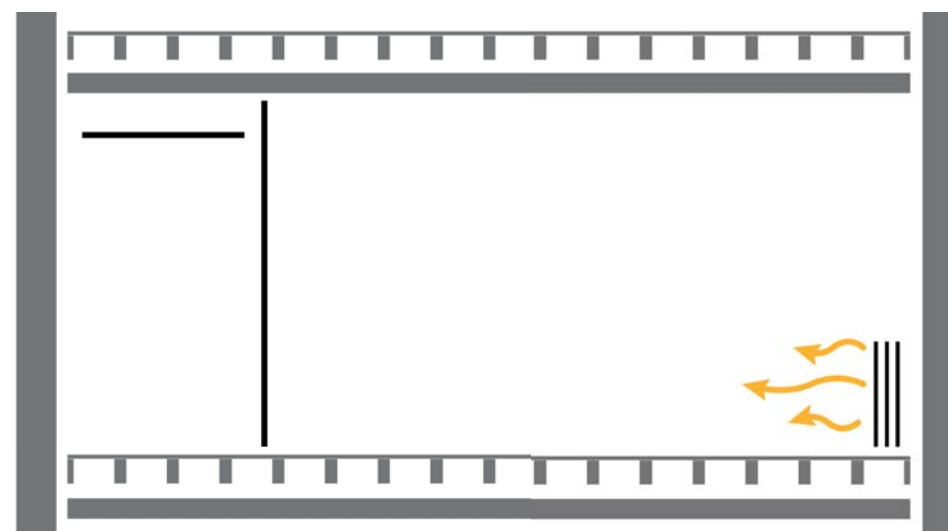
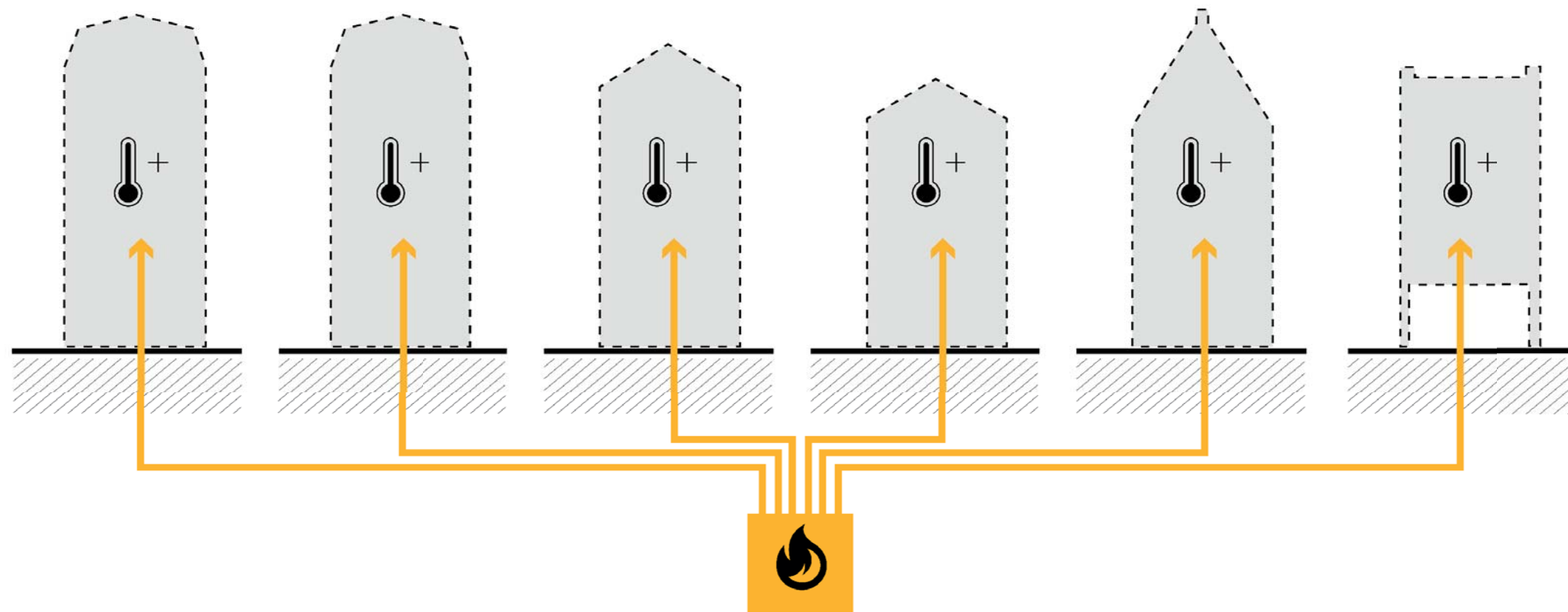
CLIMATE

DECENTRALIZED VENTILATION



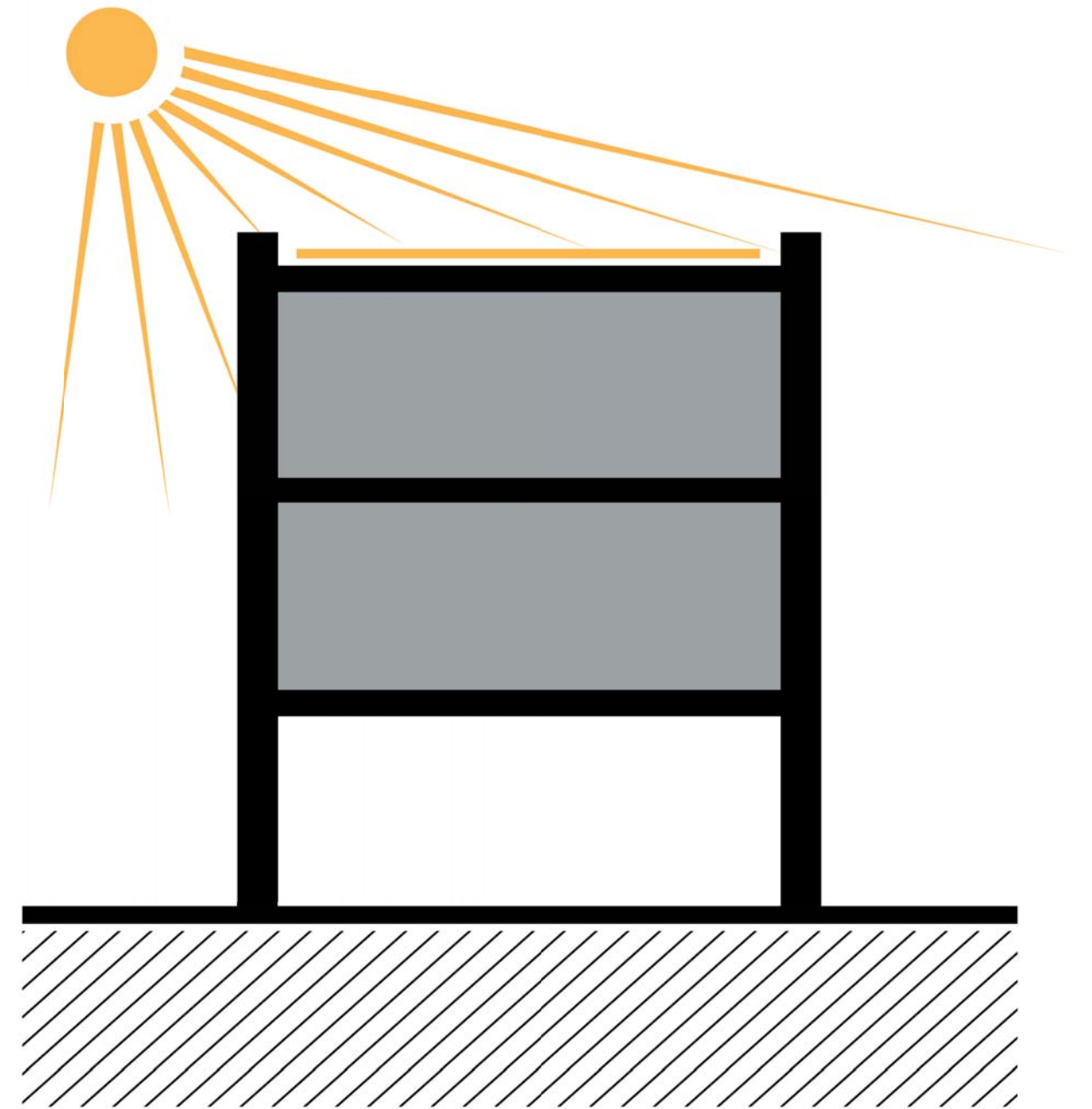
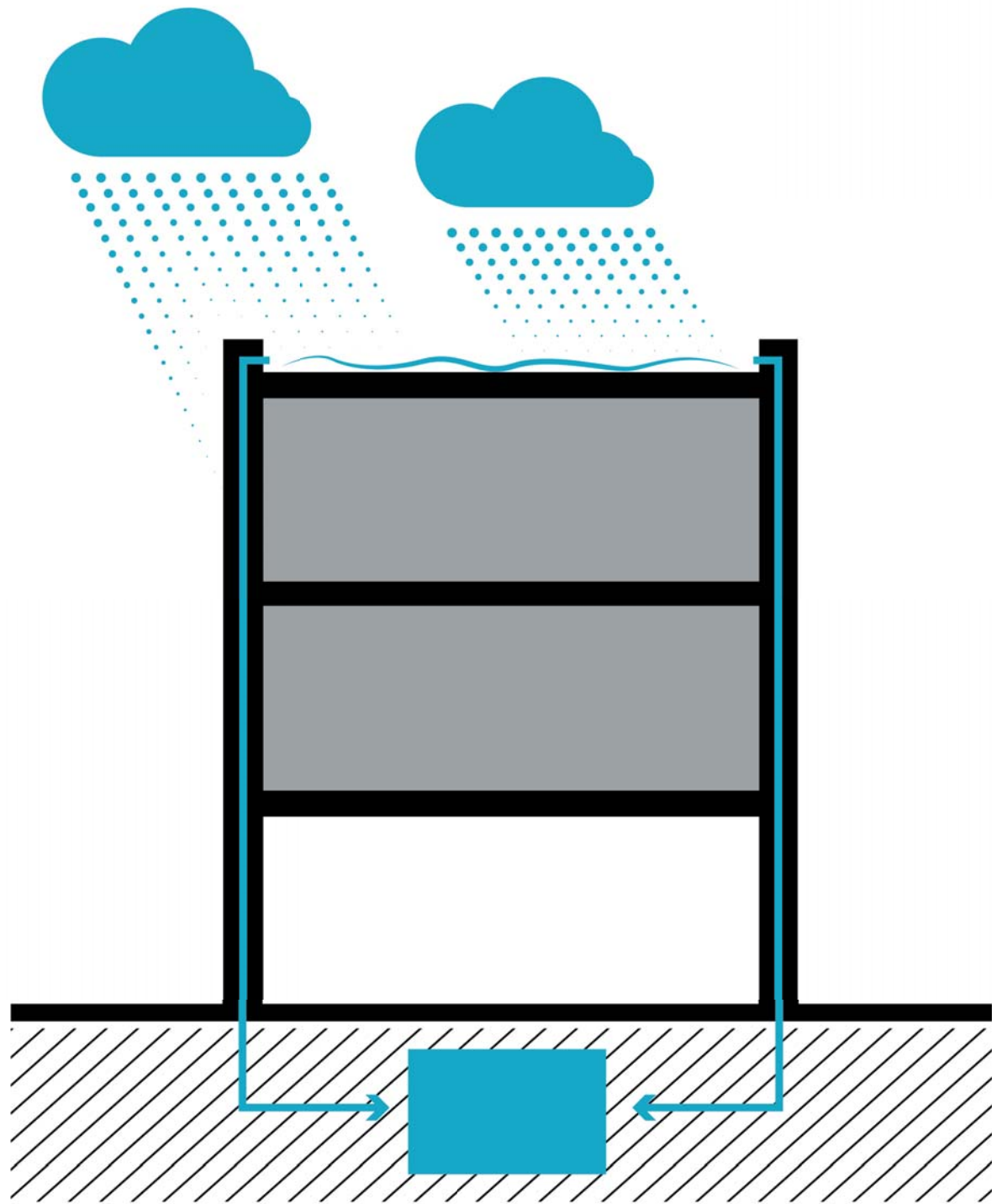
CLIMATE

CENTRALIZED HEATING



CLIMATE

SUSTAINABLE ENERGY



PART 3 | RESTORATION

LAYMEN'S CHAPEL



SOUTH FACADE



NORTH FACADE

EXISTING SITUATION



FIRST FLOOR



GROUND FLOOR

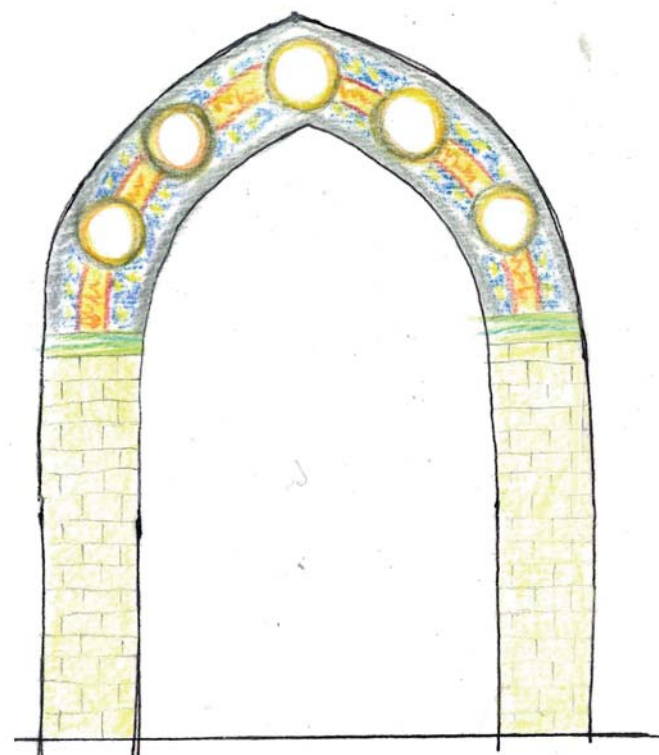
PAINTINGS



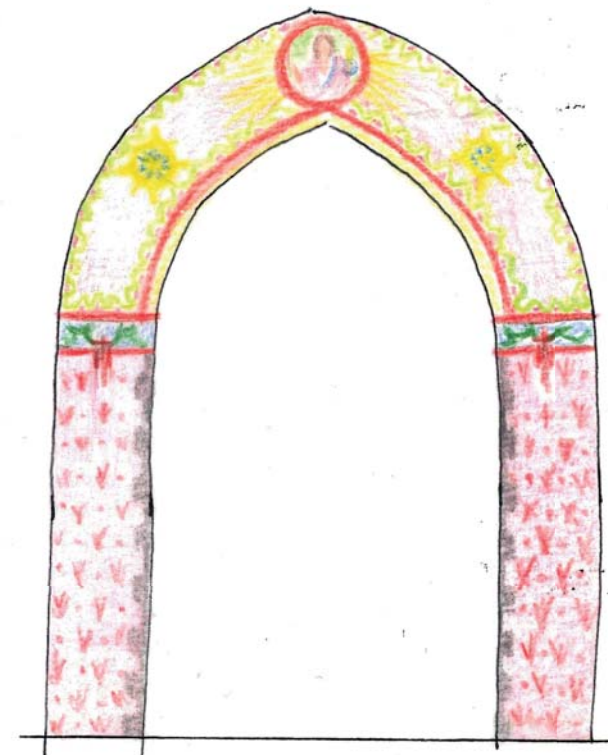
Figure 18. The original interior, 1896



Figure 19. The second interior, date unknown

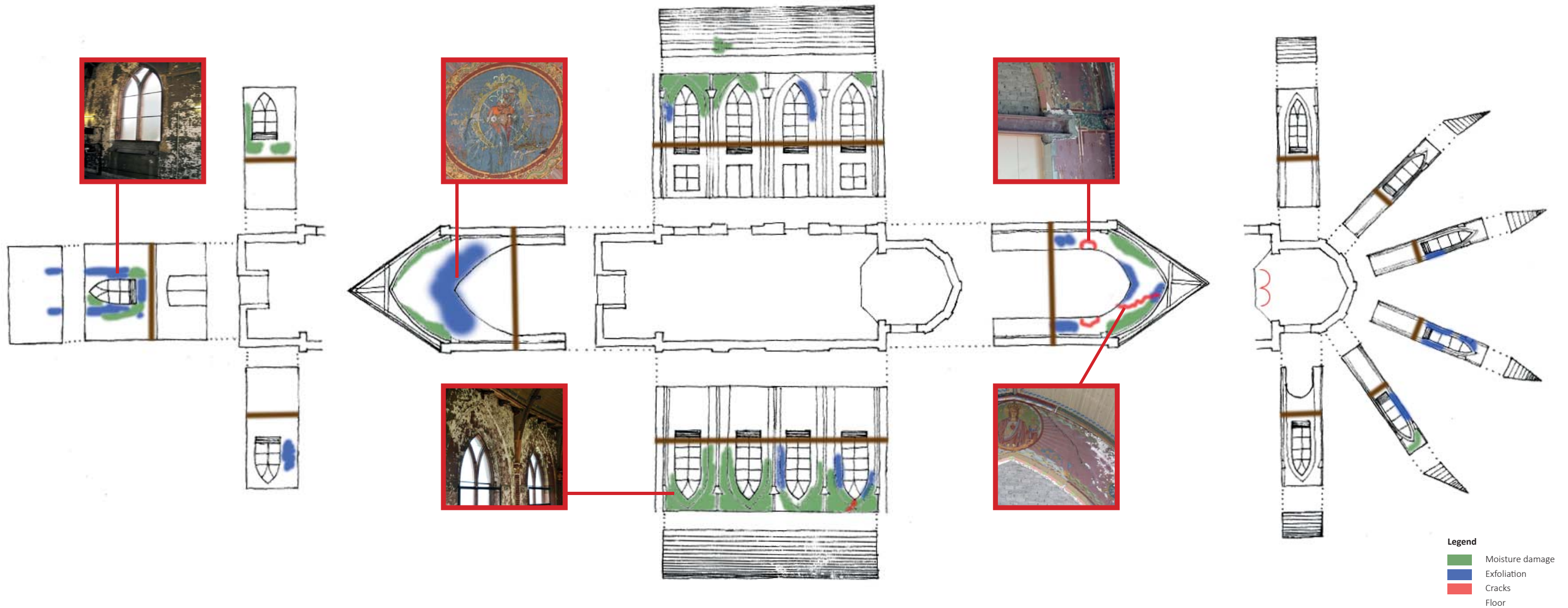


The first layer



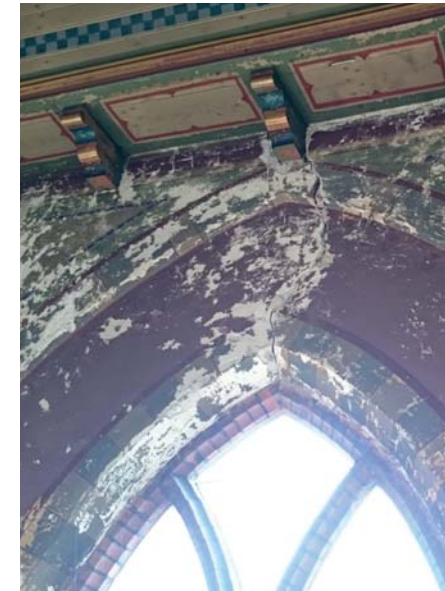
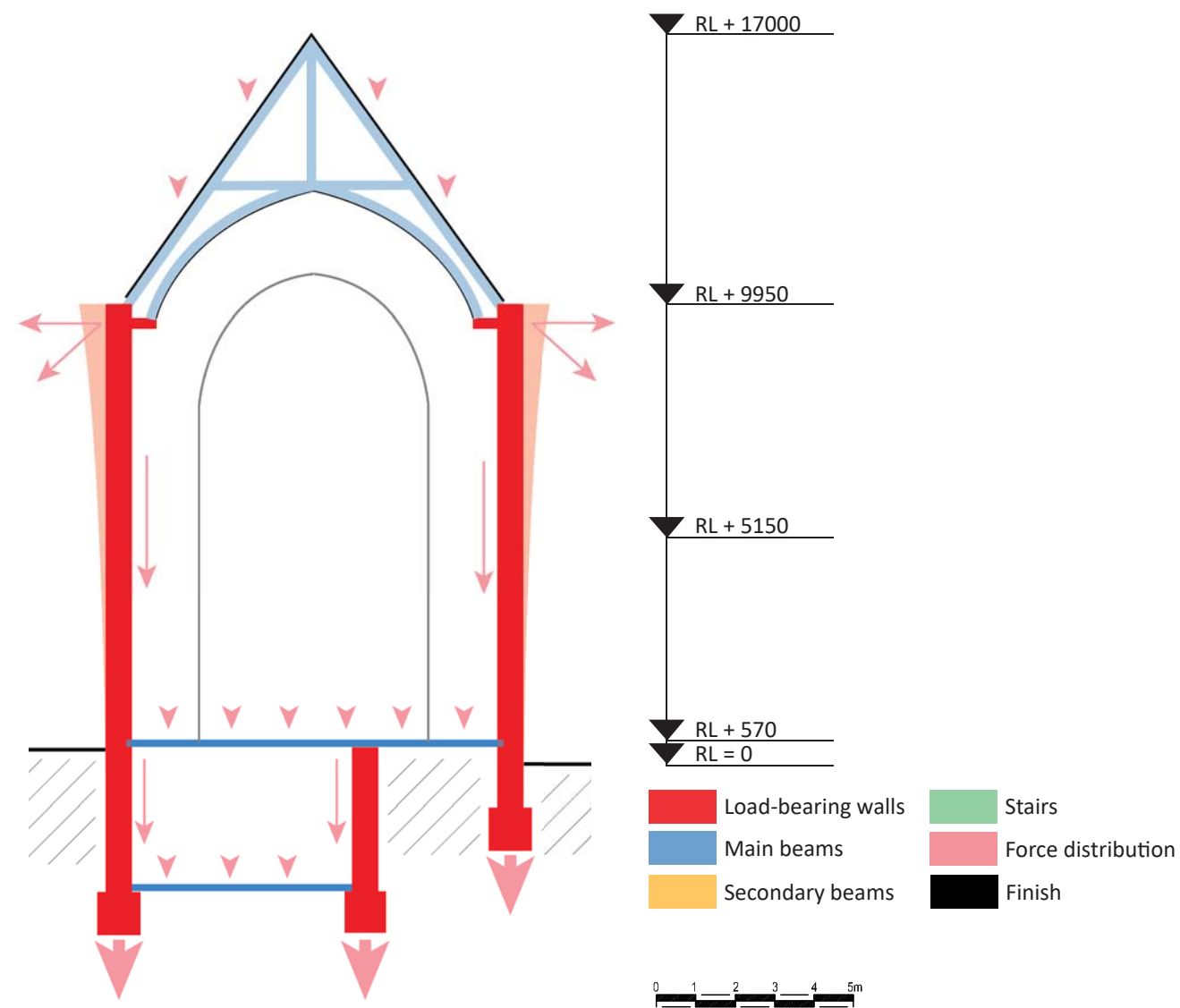
The second layer

DAMAGES



LOAD BEARING STRUCTURE

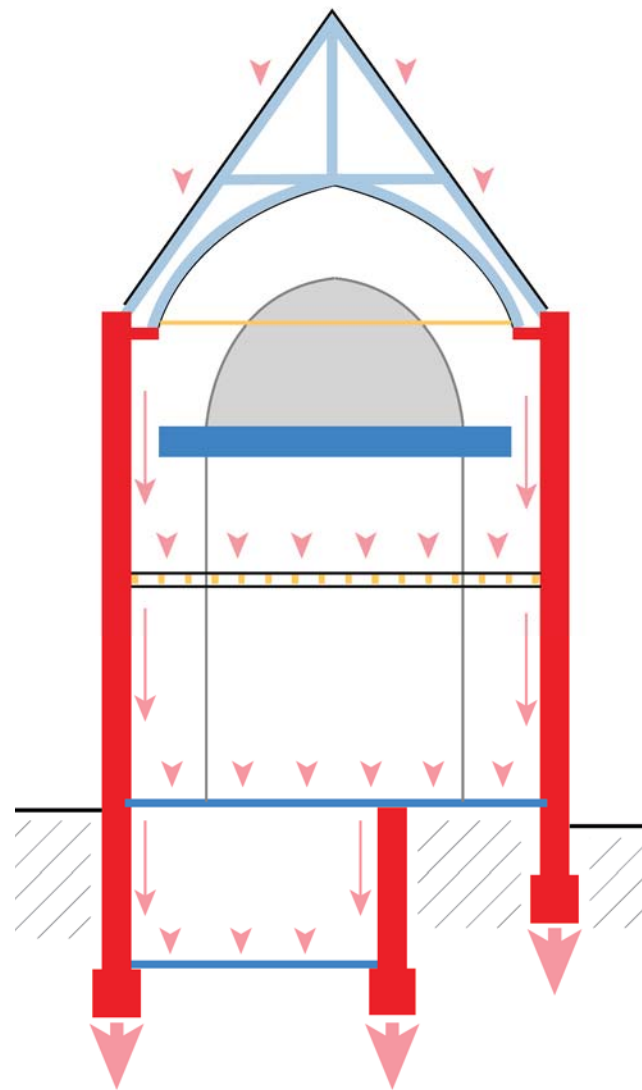
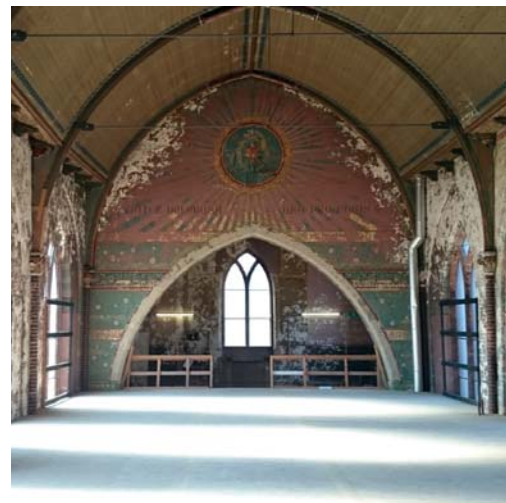
ORIGINAL SITUATION



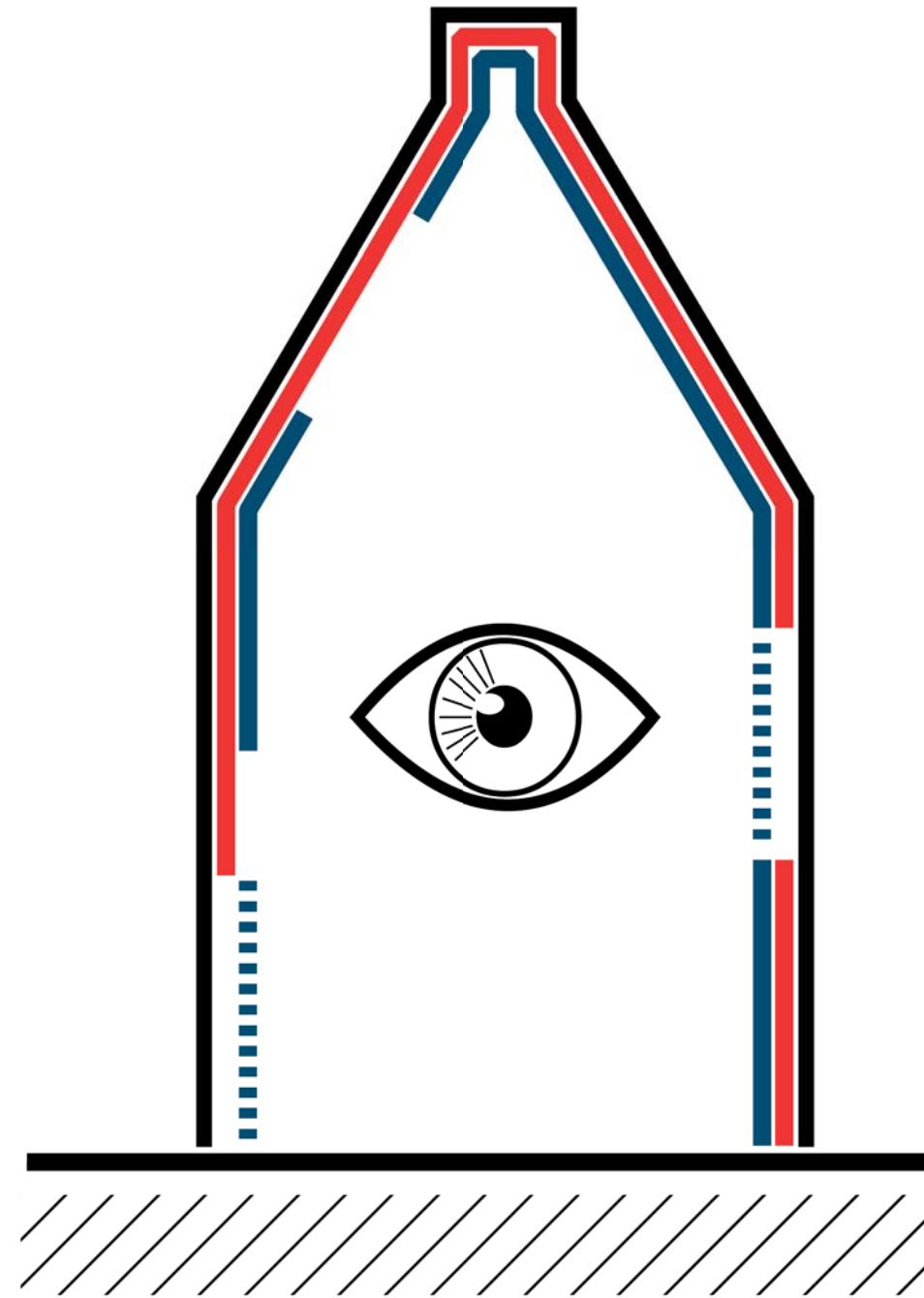
Source image: Photograph by Remco Veldt

LOAD BEARING STRUCTURE

EXISTING SITUATION



RESTORATION APPROACH

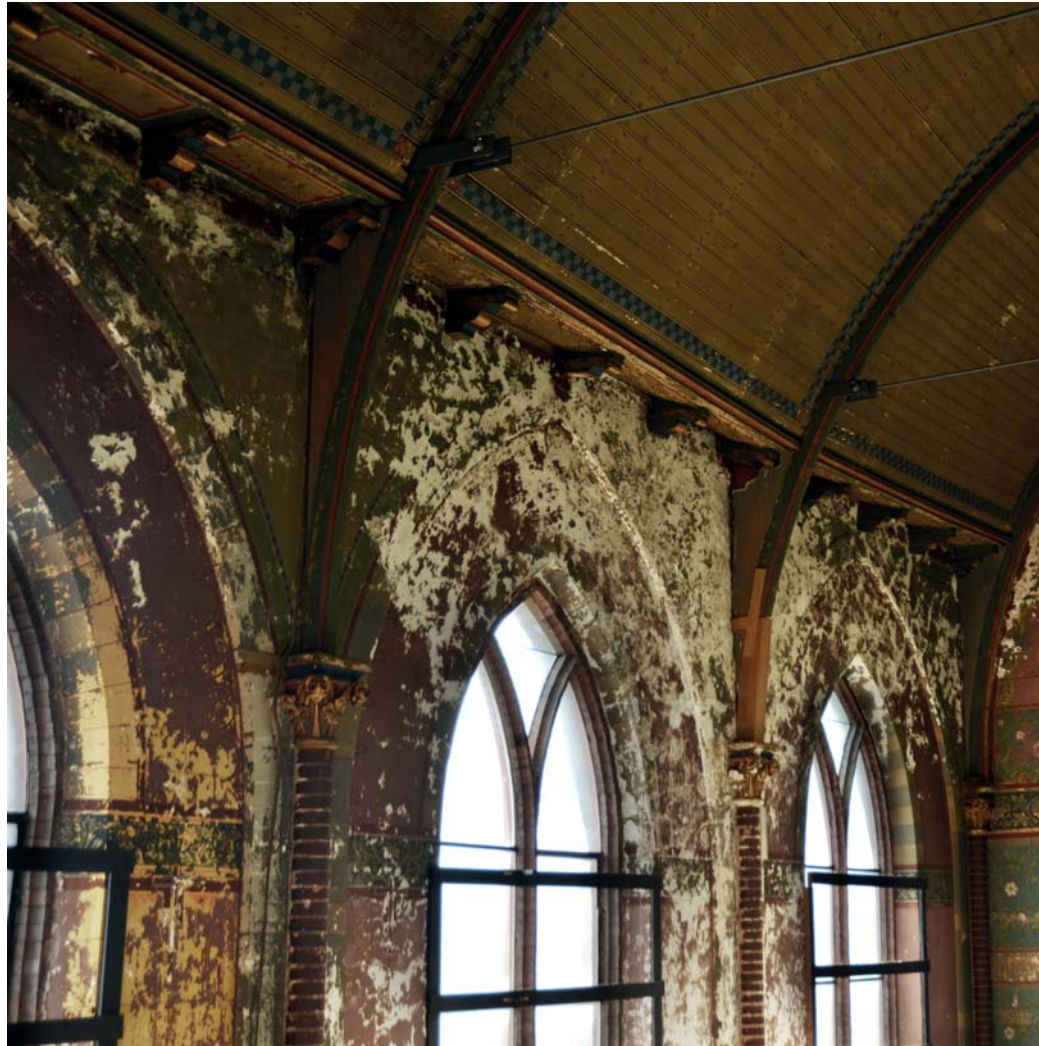


CHAPEL EXPERIENCE



CHAPEL EXPERIENCE

PAINTWORK



CHAPEL EXPERIENCE

PAINTWORK



CHAPEL EXPERIENCE

PAINTWORK



REFLECTION



UNDER CONSTRUCTION

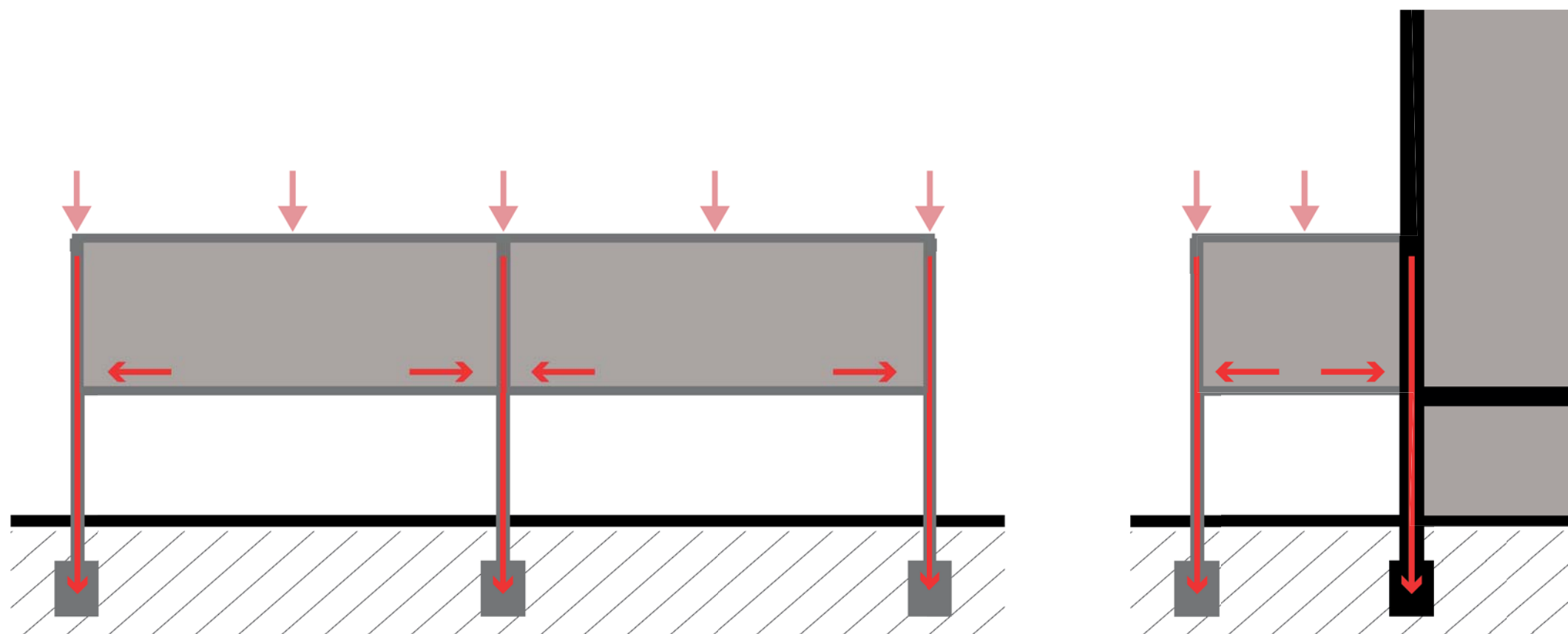


Thank you!

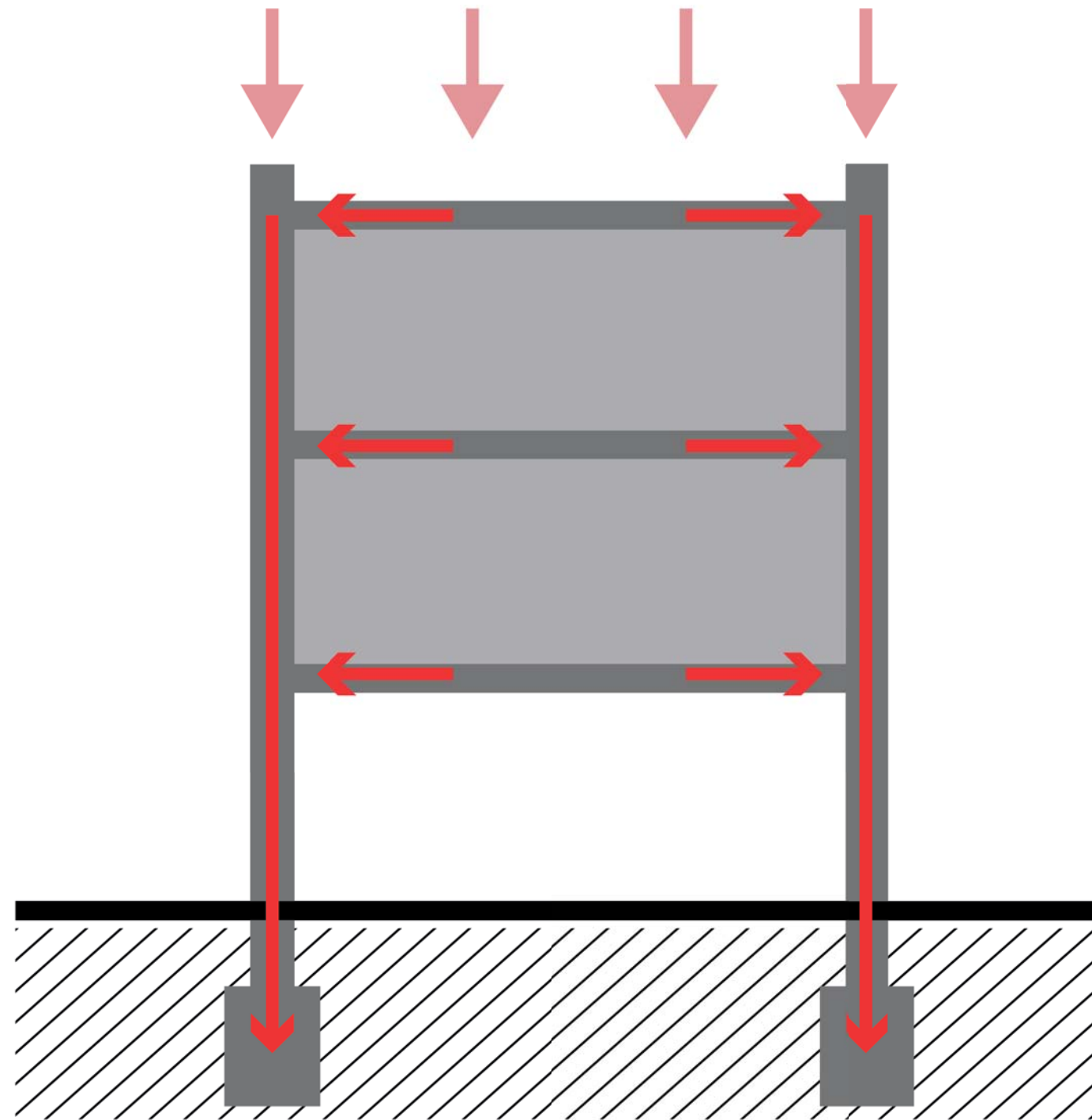


LOAD BEARING STRUCTURE MAIN BRIDGE

SCHEME

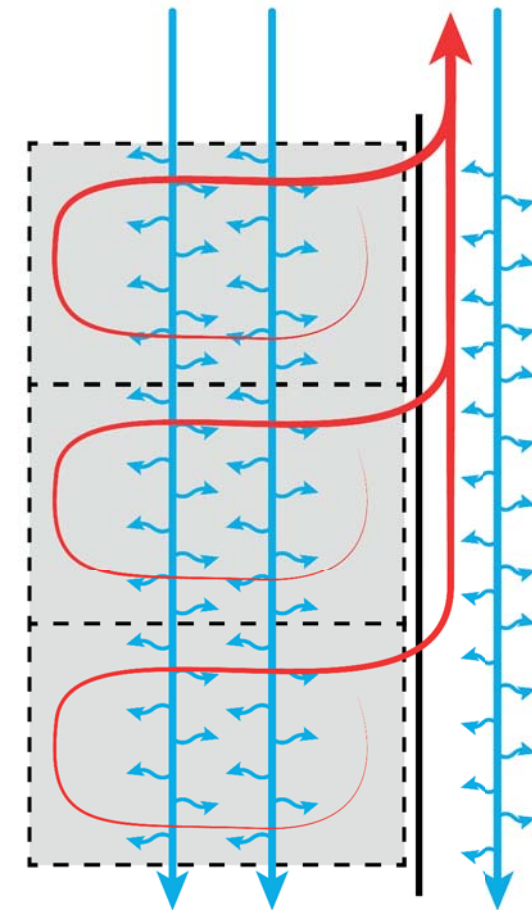
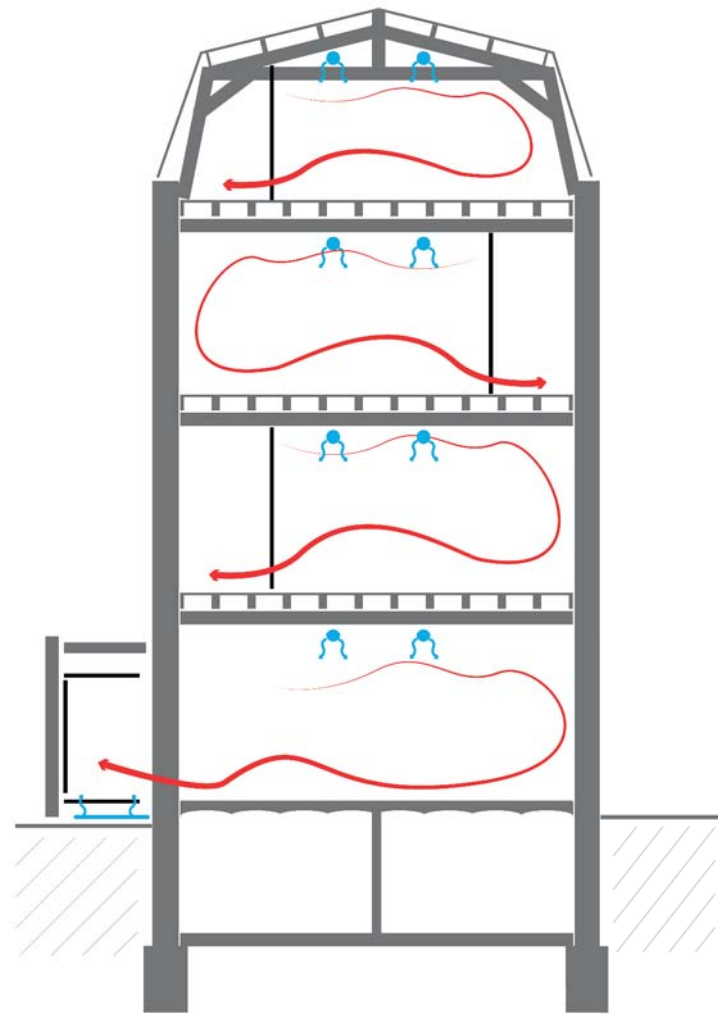


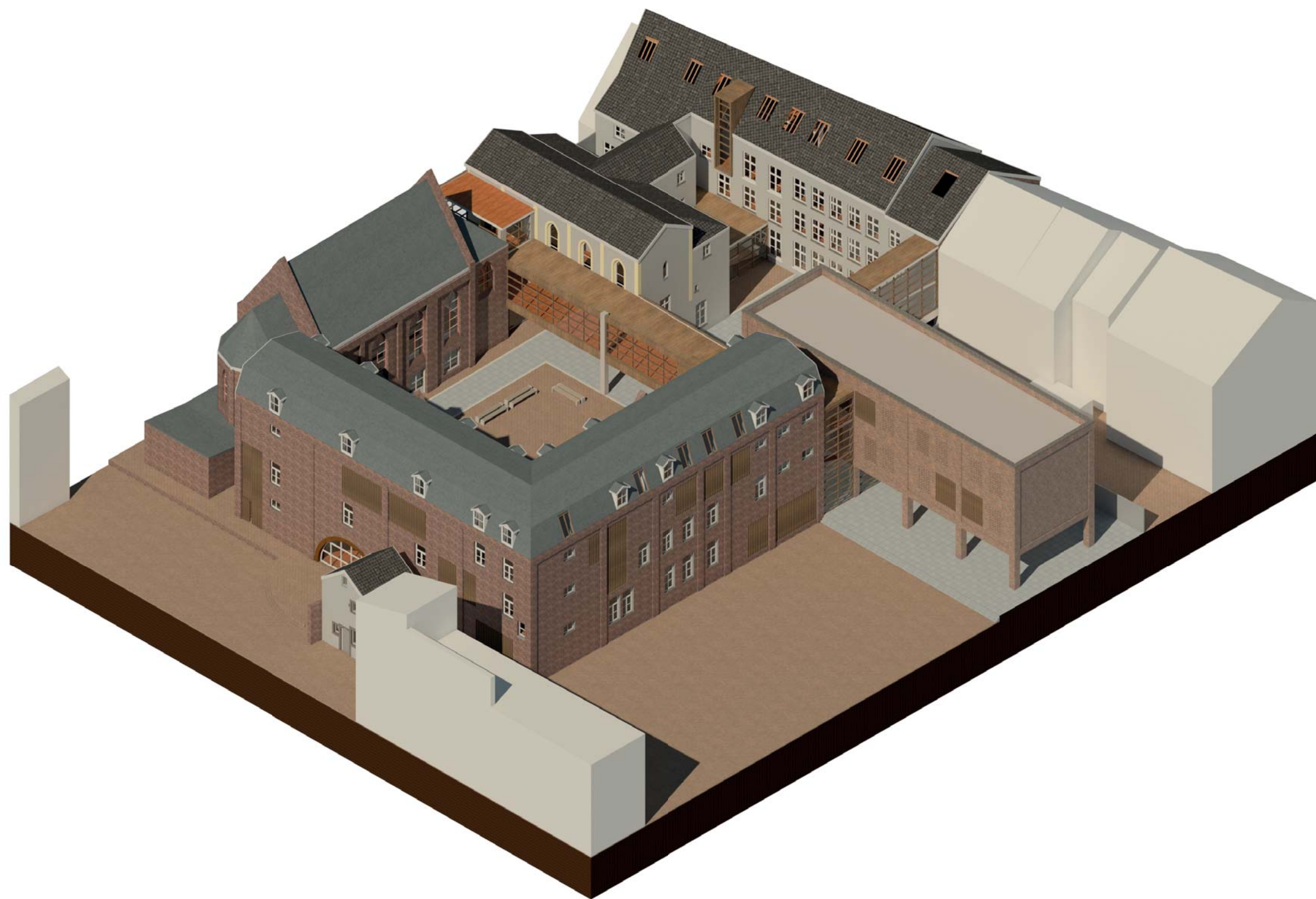
LOAD BEARING STRUCTURE ADDITION



CLIMATE

DECENTRALIZED VENTILATION





INTERVENTION

MATERIALIZATION

