

/ lɪv / / laɪv /
LIVE & LIVE

Complex Projects
Academy of Alternative Music
Jingwen Gan
July/4/2024

INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

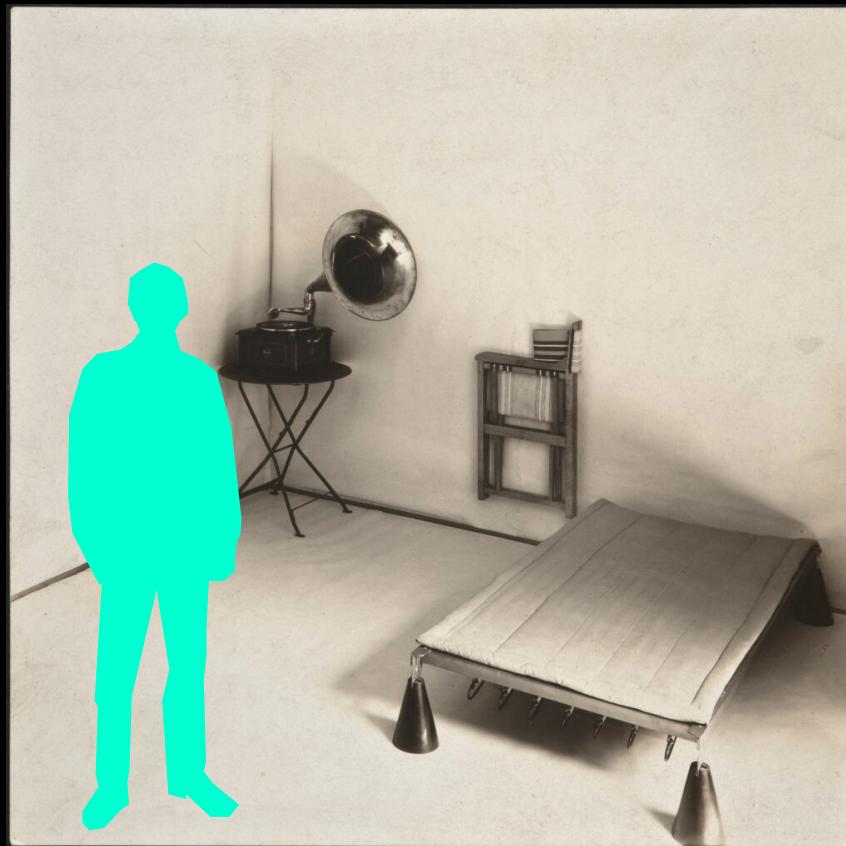
DEVELOPMENT

CONCLUSION

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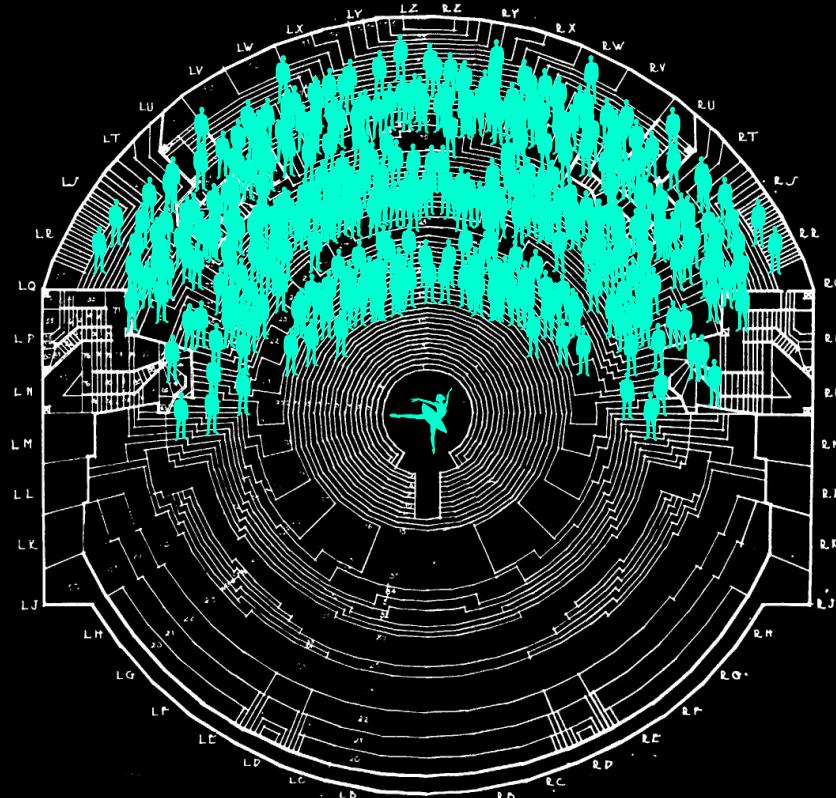
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LIVE & LIVE



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LIVE & LIVE

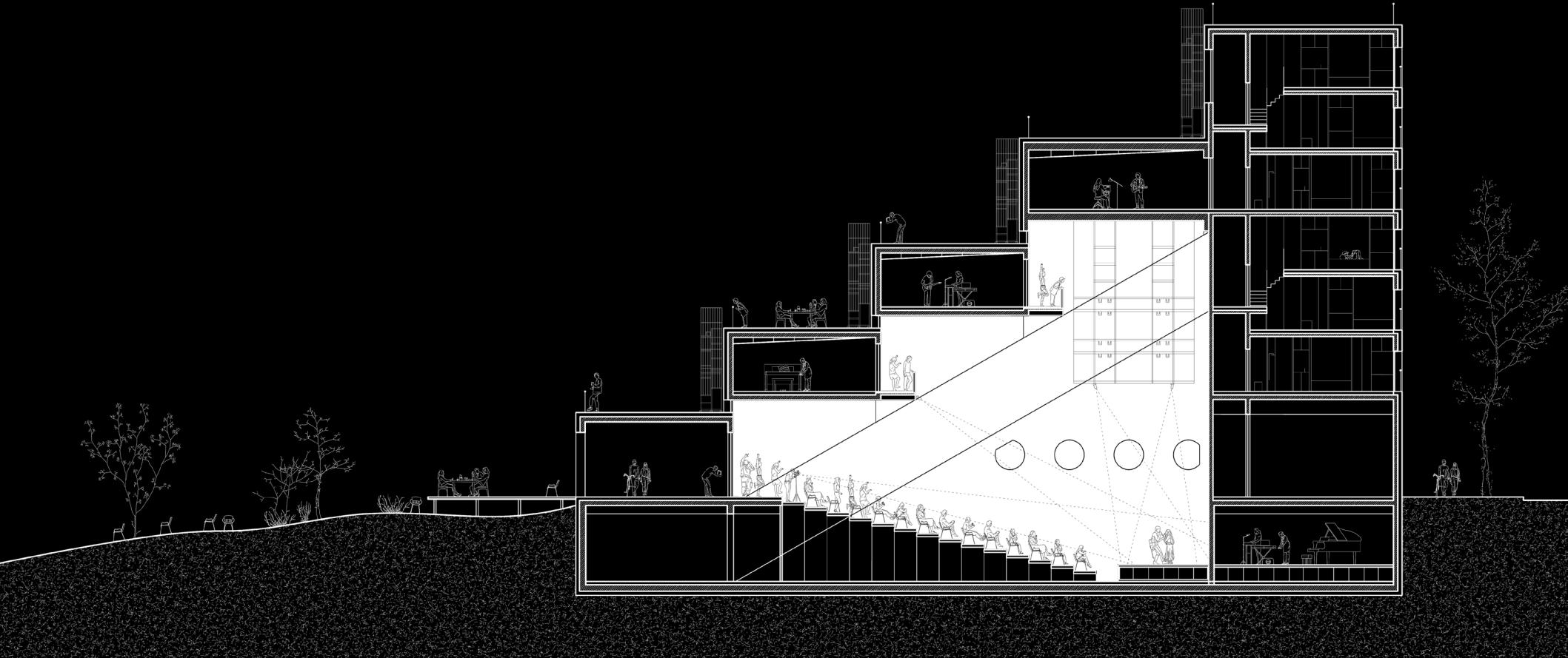




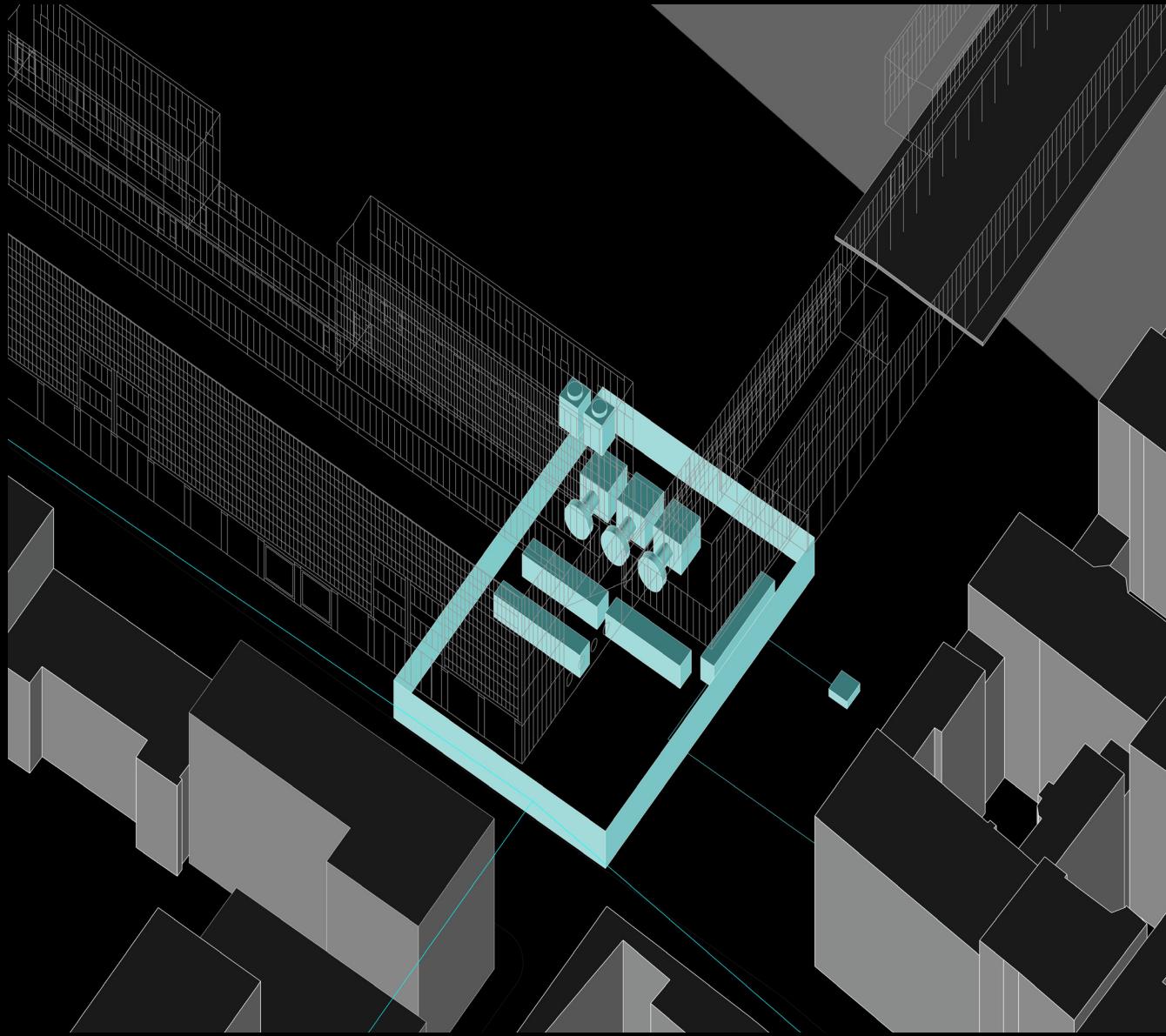
An Academy of Alternative Music



An urban vessel for live music events



A Living & Learning community for musicians



An energy infrastructure for a self-sufficient Berlin

INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

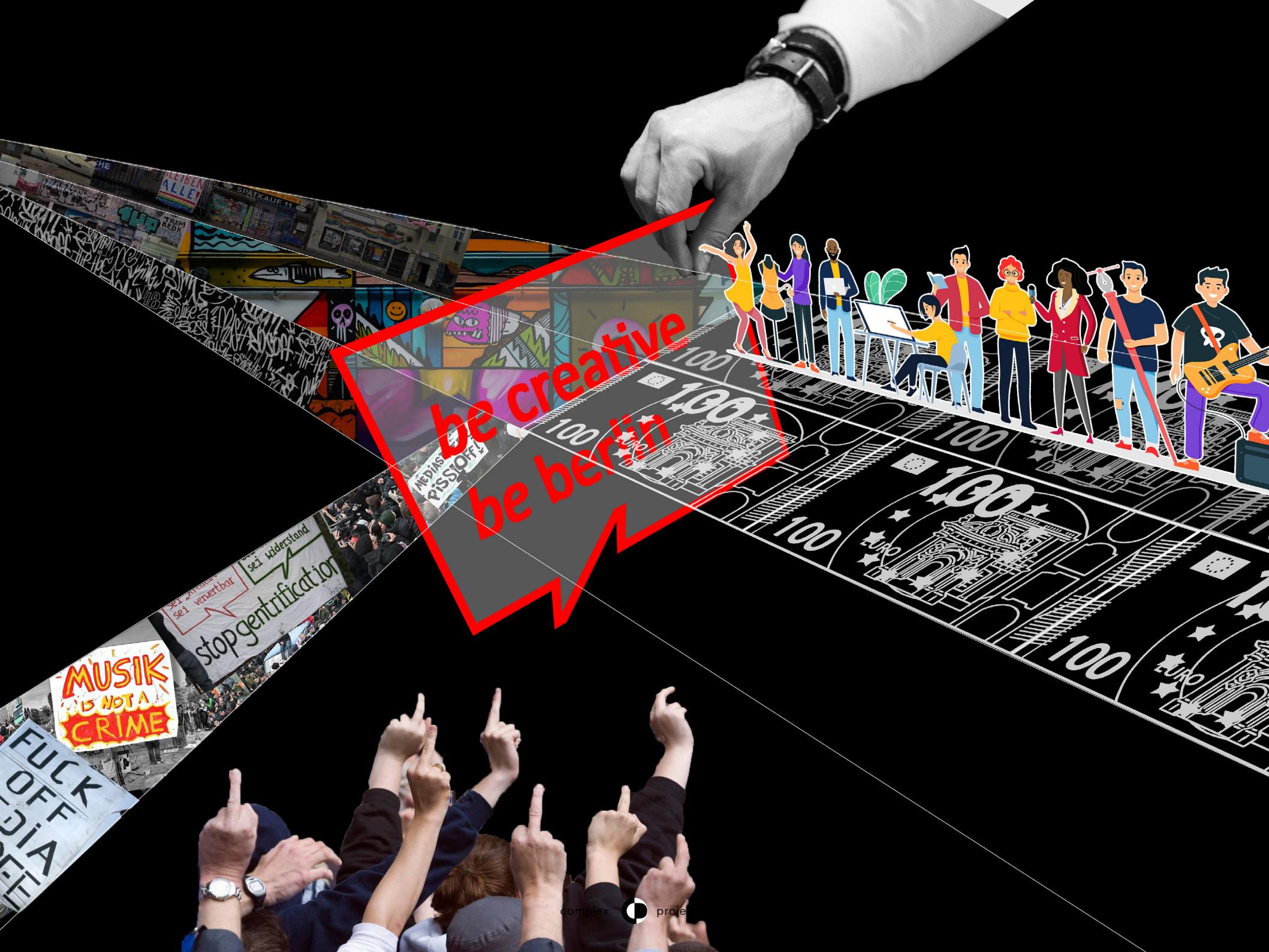
CONCLUSION

BERLIN ALTERNATIVE MUSIC CULTURE



496 music venues

2,700 music events per month



be creative
be berlin



ALTERNATIVE
MUSIC

SCHOOL



What is **alternative music**?

- anti-mainstream
- exclusive
- anti-commercialization

RESEARCH QUESTION

How do we design an academy of alternative music in Berlin?

INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

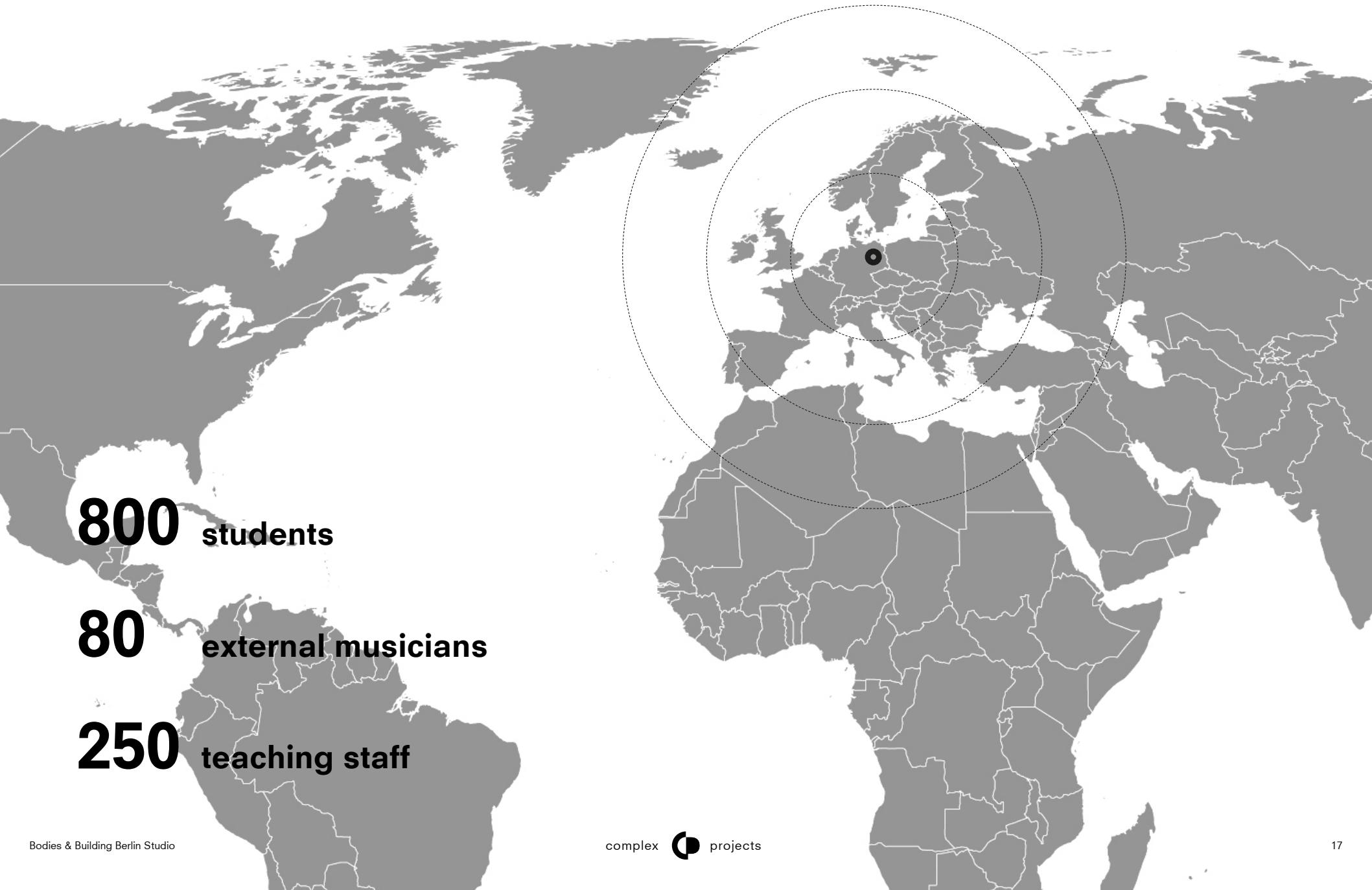
PROGRAM

CLIENT

SITE

ENERGY

SIZE



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

PROGRAM

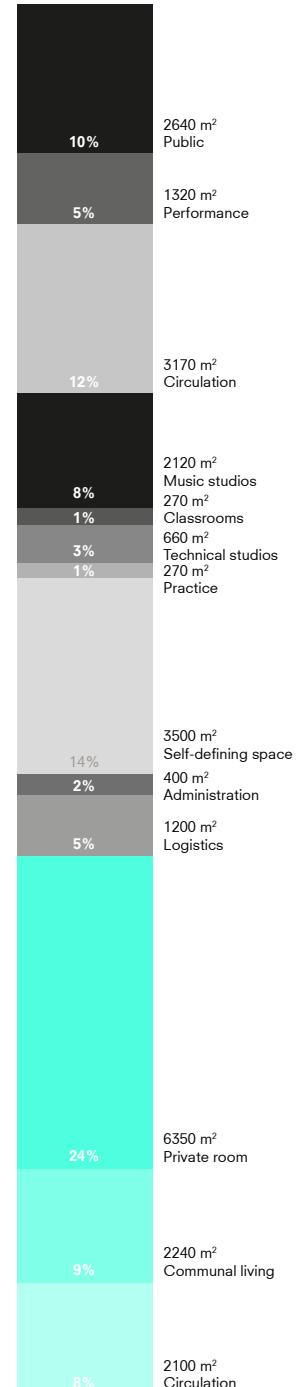
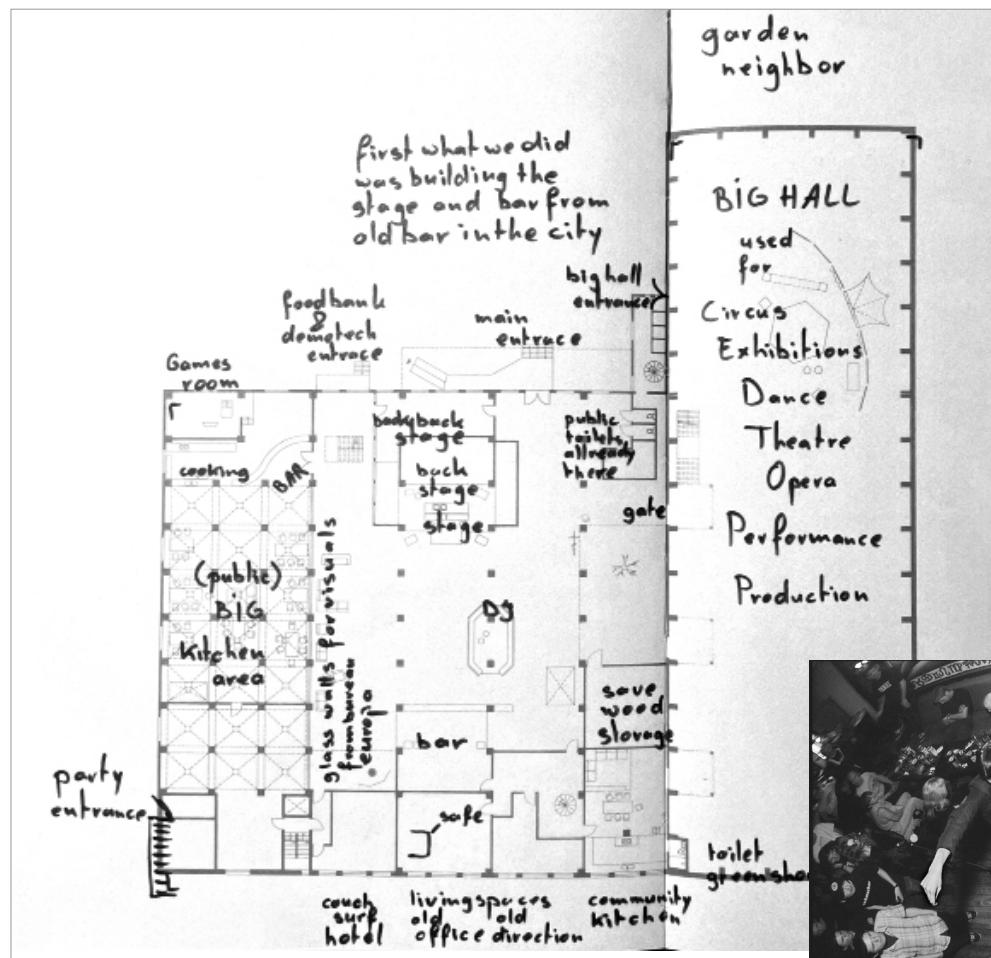
CLIENT

SITE

ENERGY

Design Brief

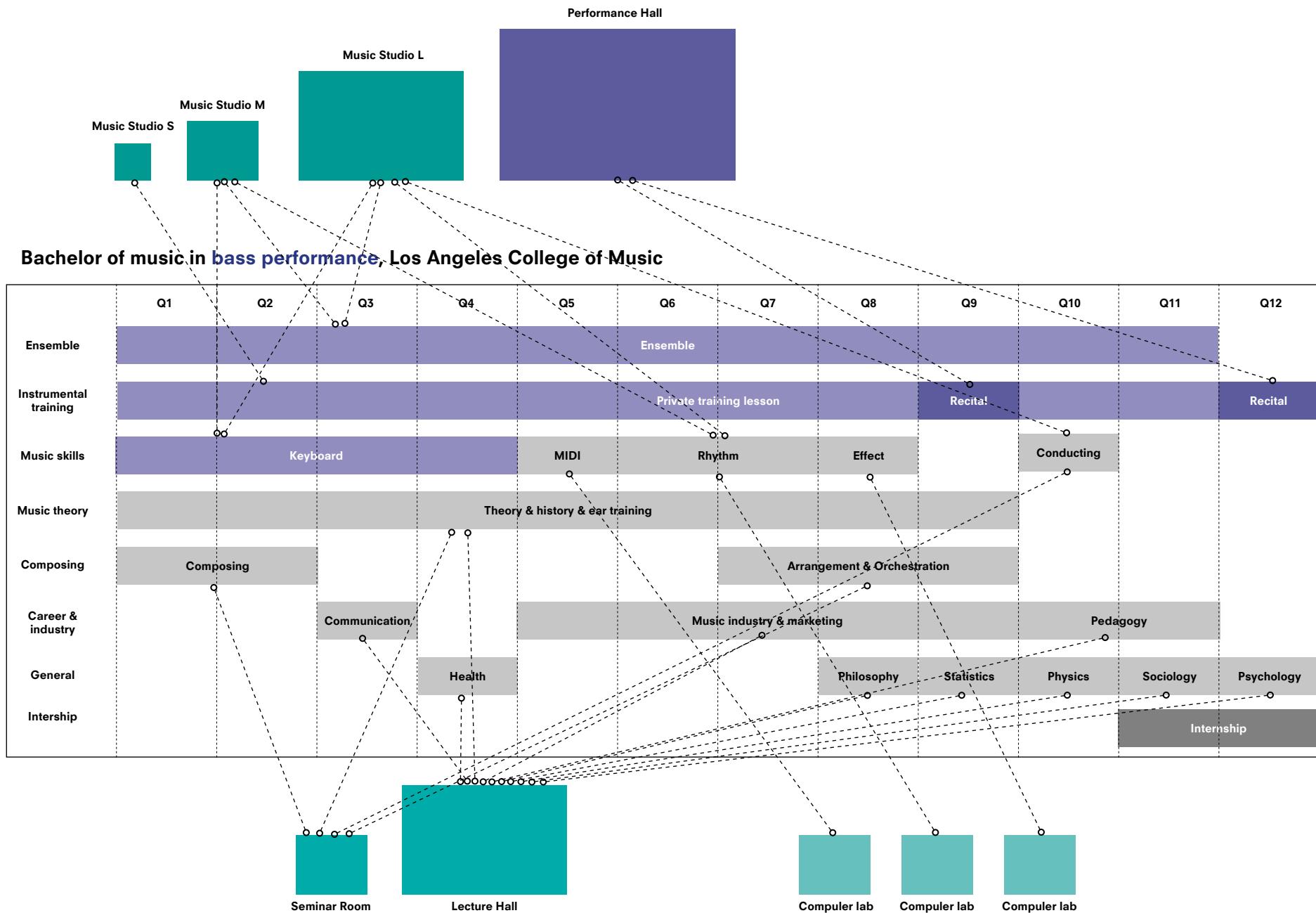
LIVE WITH MUSIC



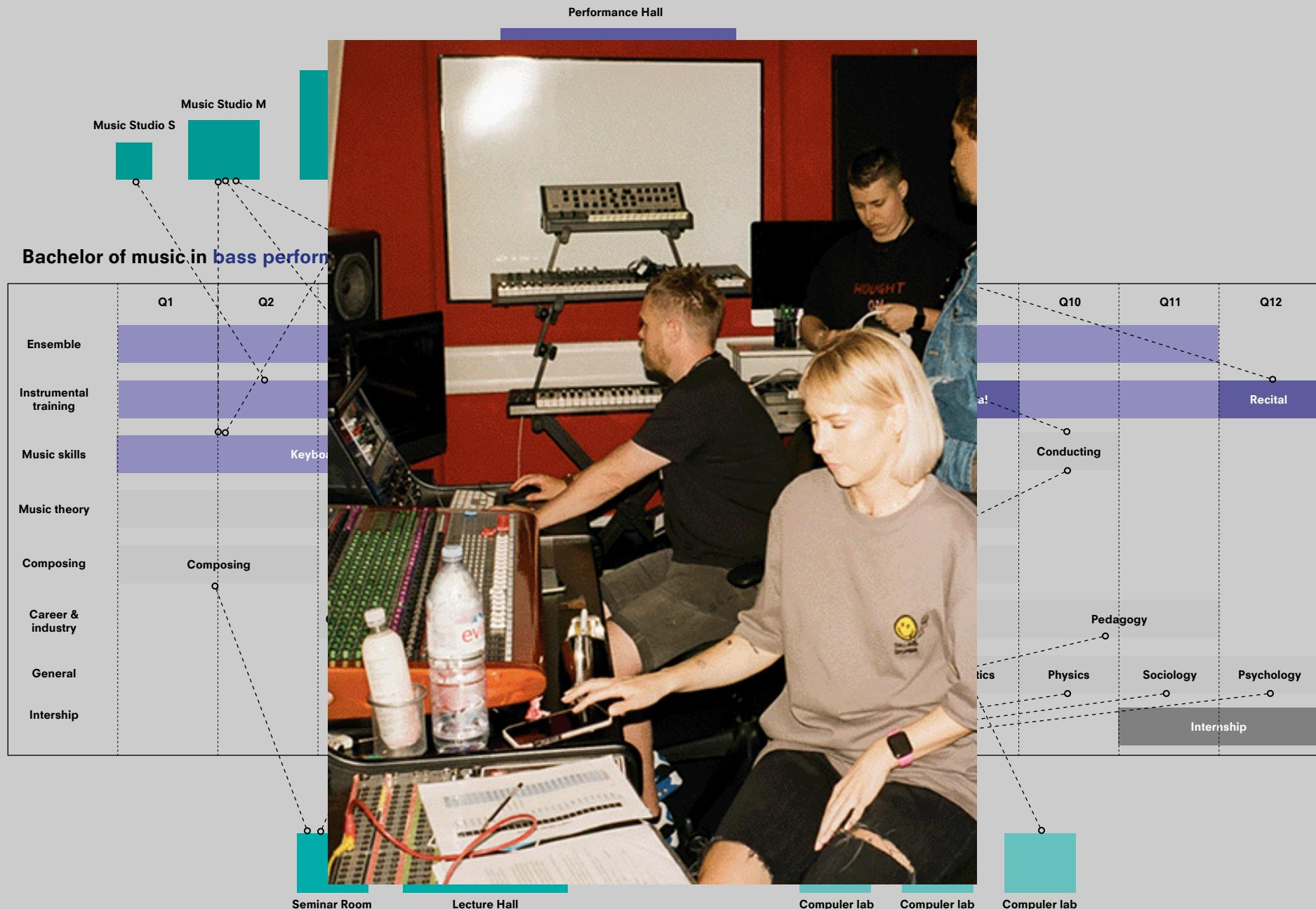
independent producers, music life bounded with private life

Design Brief

REGULAR CURRICULUM



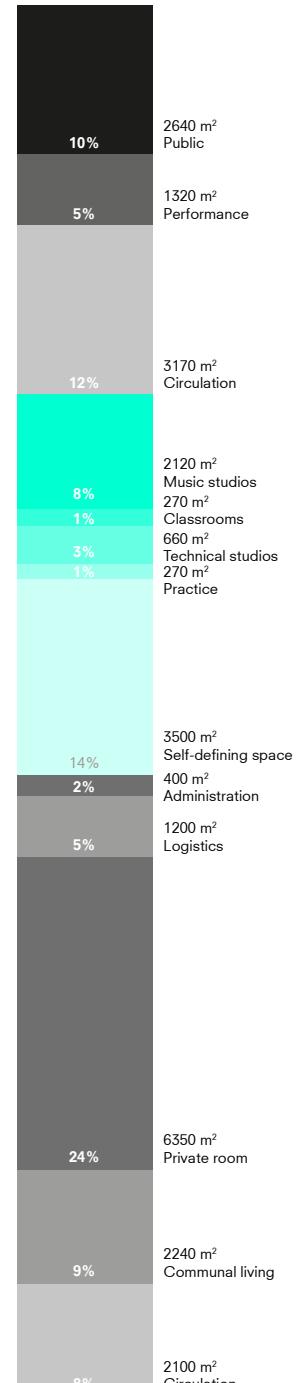
MUTUAL LEARNING



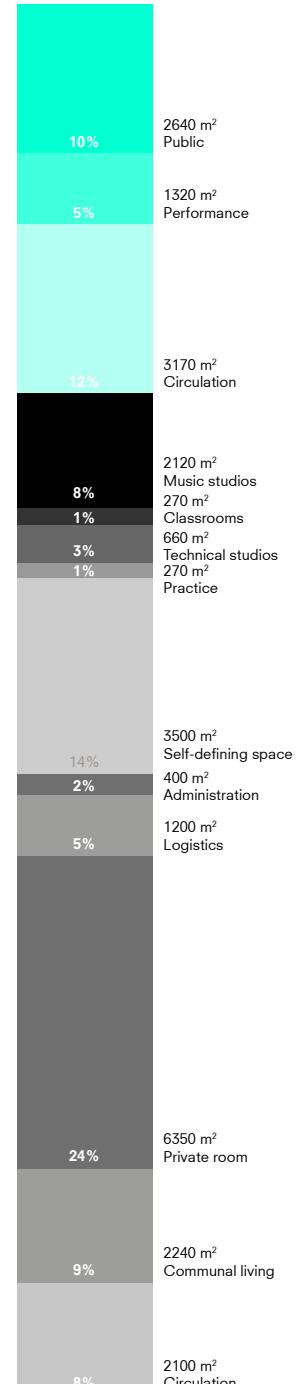
MUTUAL LEARNING



**COMMUNICATING
FLEXIBLE
INCLUSIVE**



Design Brief
LIVE PERFORMANCE



Design Brief
SUMMARY

29,000 sqm

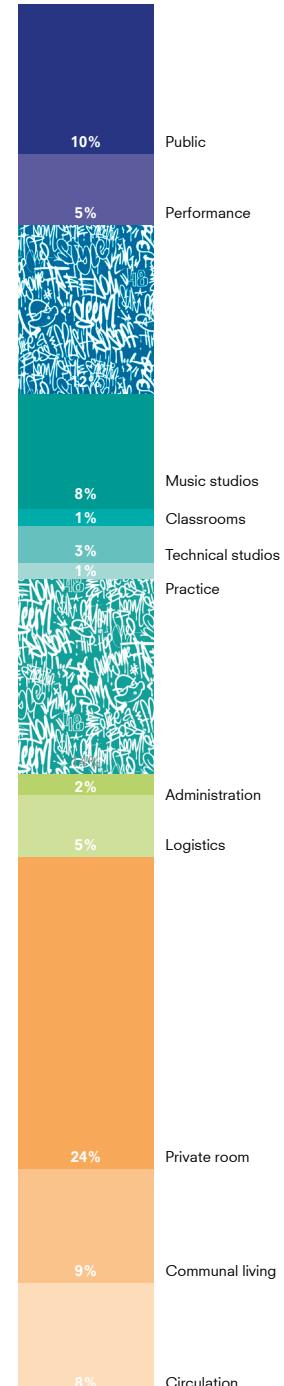
800 students

80 external musicians

250 teaching staff

300 student housing

40 external musicians' studio



INTRODUCTION

RESEARCH

DESIGN BRIEF

CONCEPT

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

MSc 3

MSc 4

PROGRAM

CLIENT

SITE

ENERGY

CLIENT



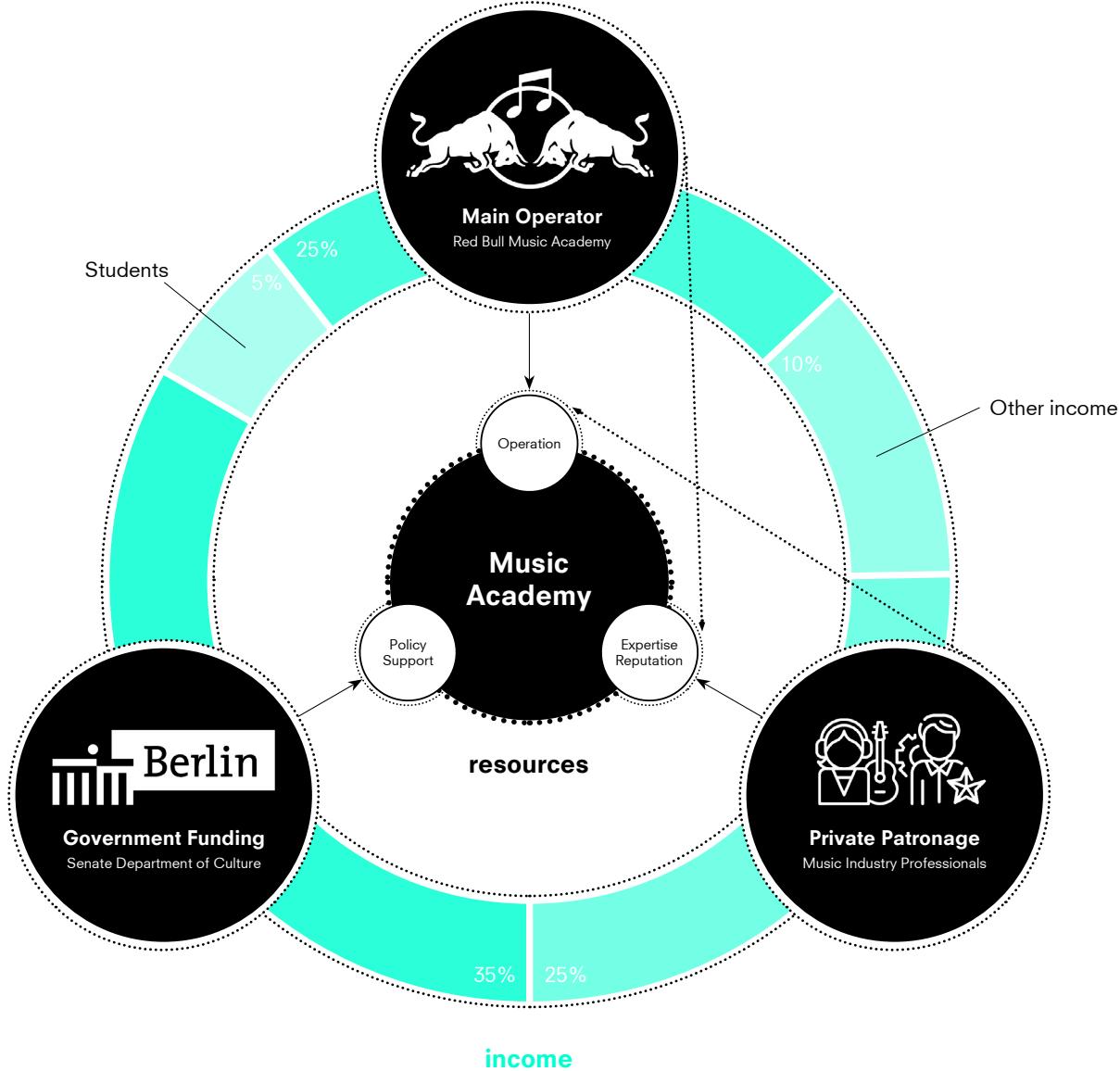
Red Bull Music Academy

Design Brief
PARTNERS



Design Brief

CROSS-SUBSIDIZATION MODE



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

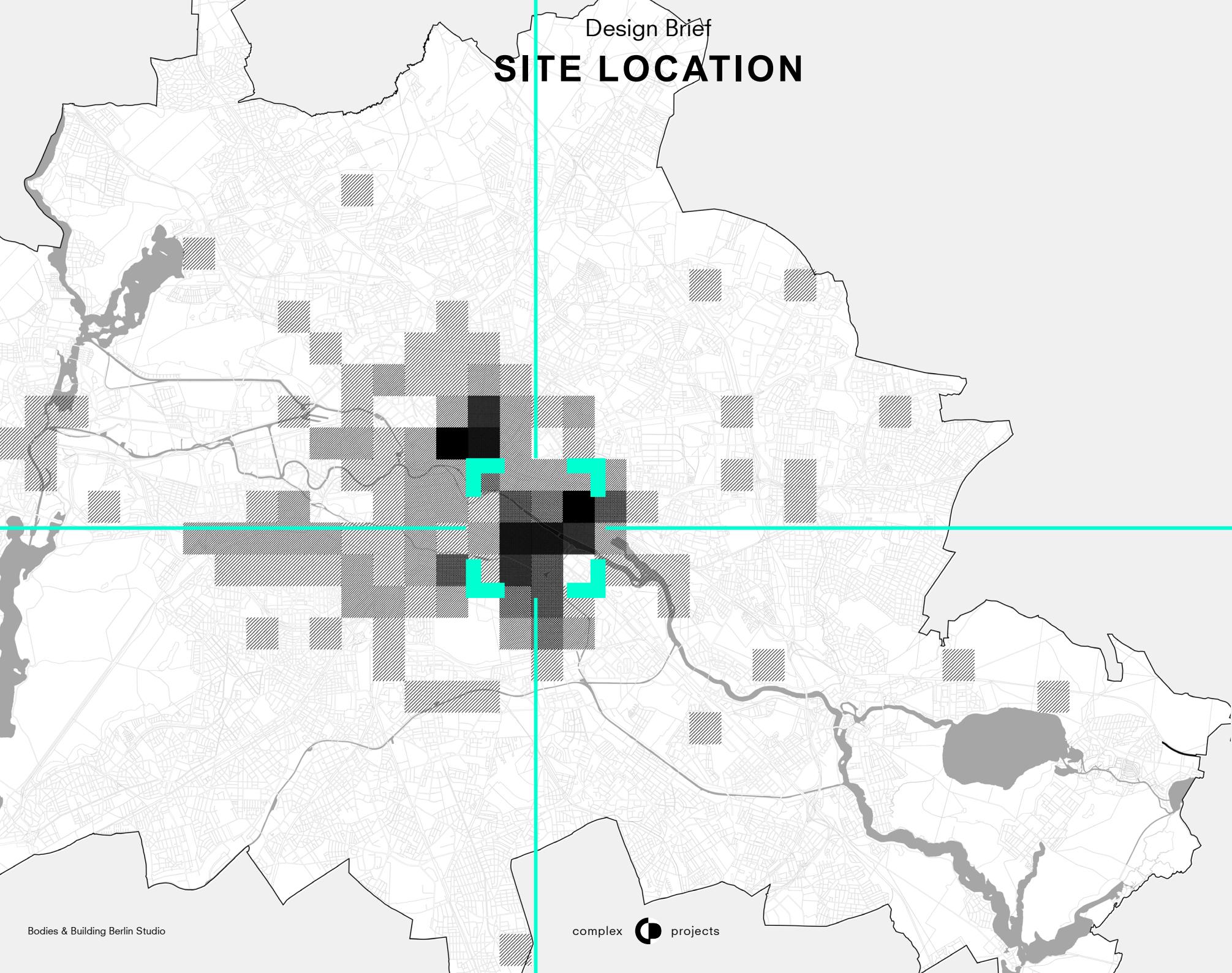
PROGRAM

CLIENT

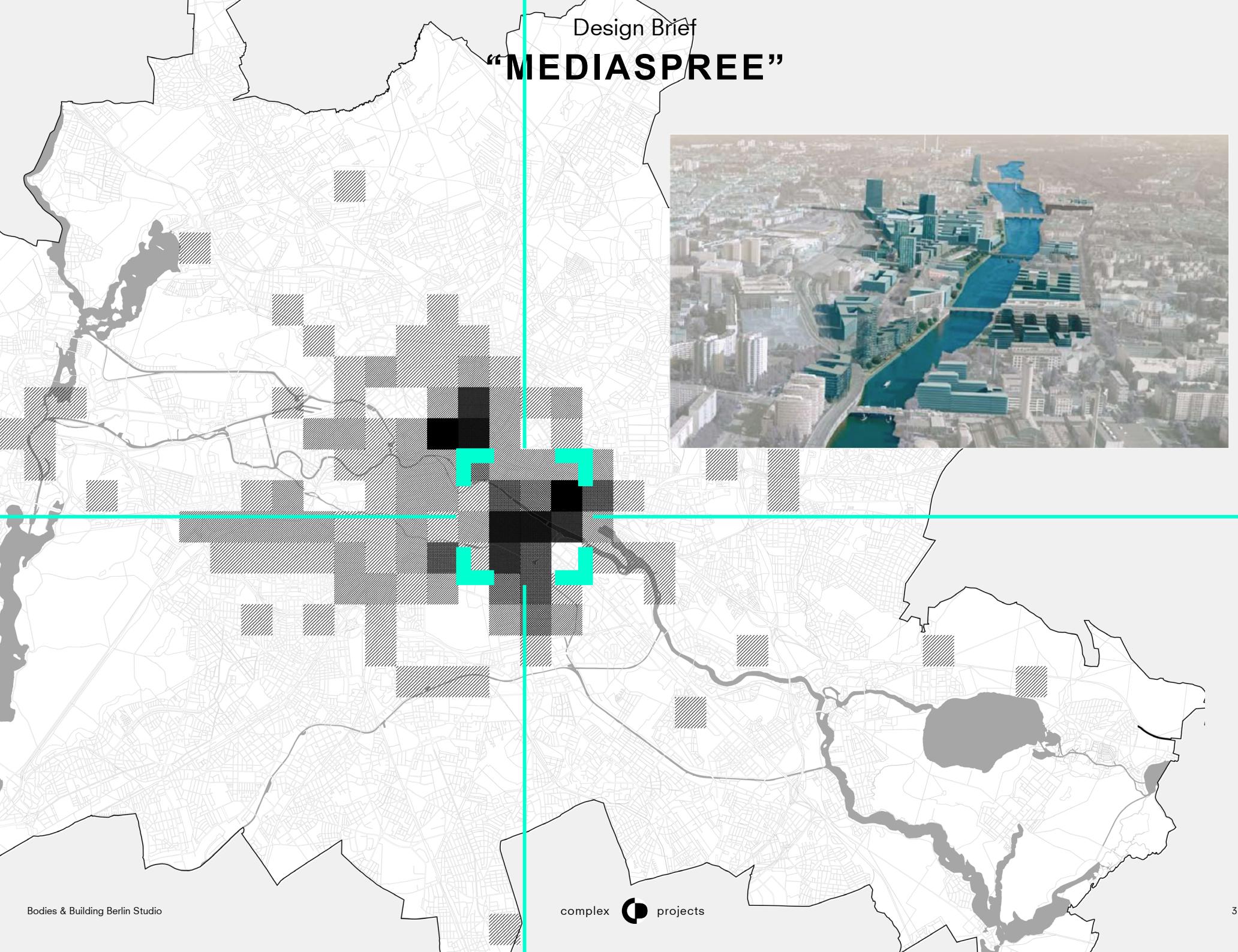
SITE

ENERGY

Design Brief
SITE LOCATION



Design Brief
"MEDIASPREE"



Design Brief



Design Brief
“UNWANTED” BUILDING



Eastside Gallery

Design Brief



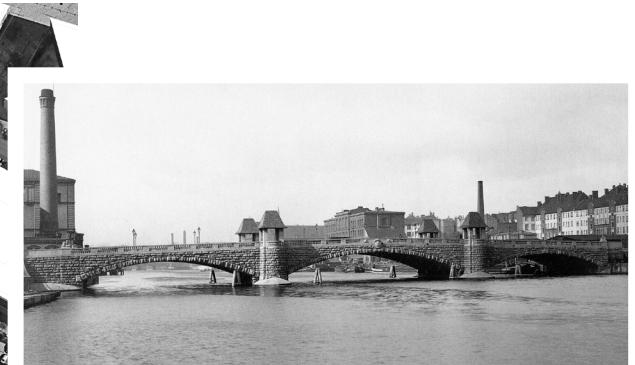
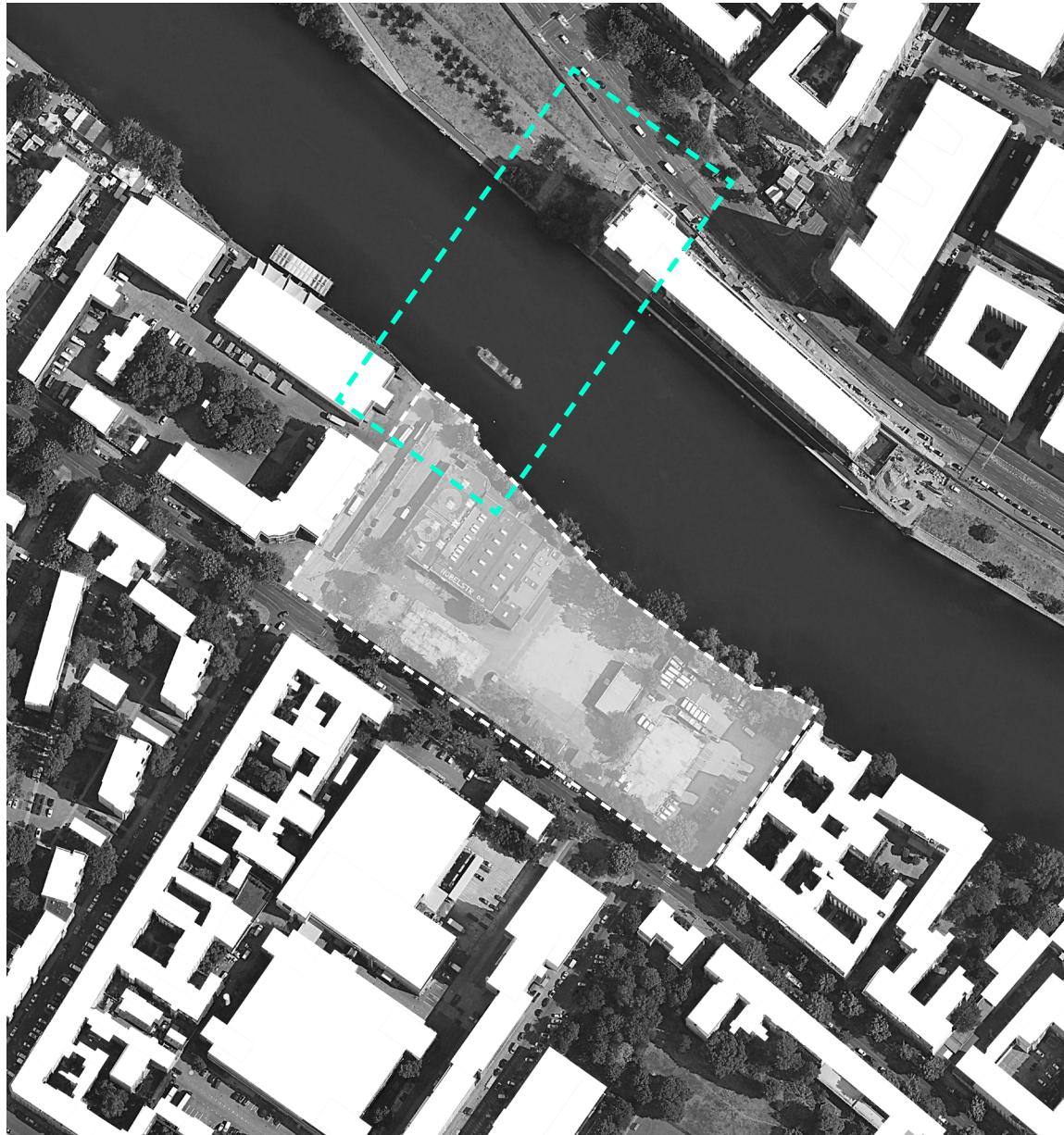
Design Brief



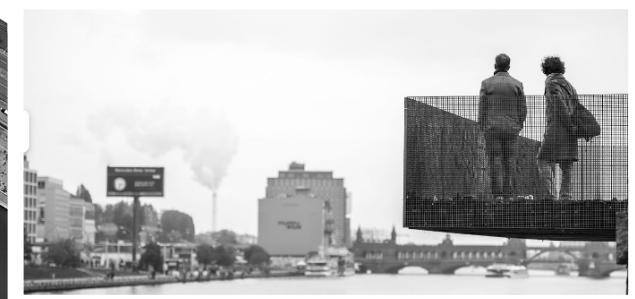
Design Brief



Design Brief
BROMMYBRÜCKE



1900s



2010s



2020s

WATERFRONT SETBACK



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

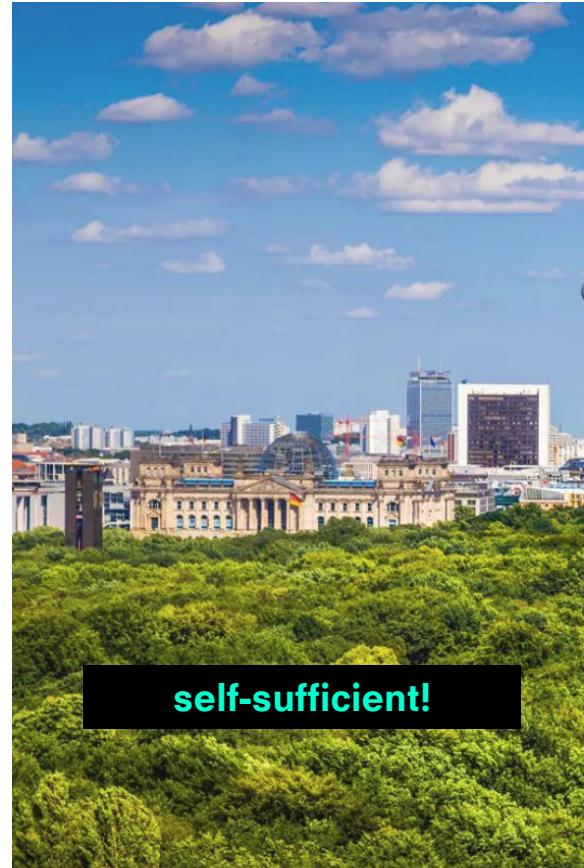
SITE

CLIENT

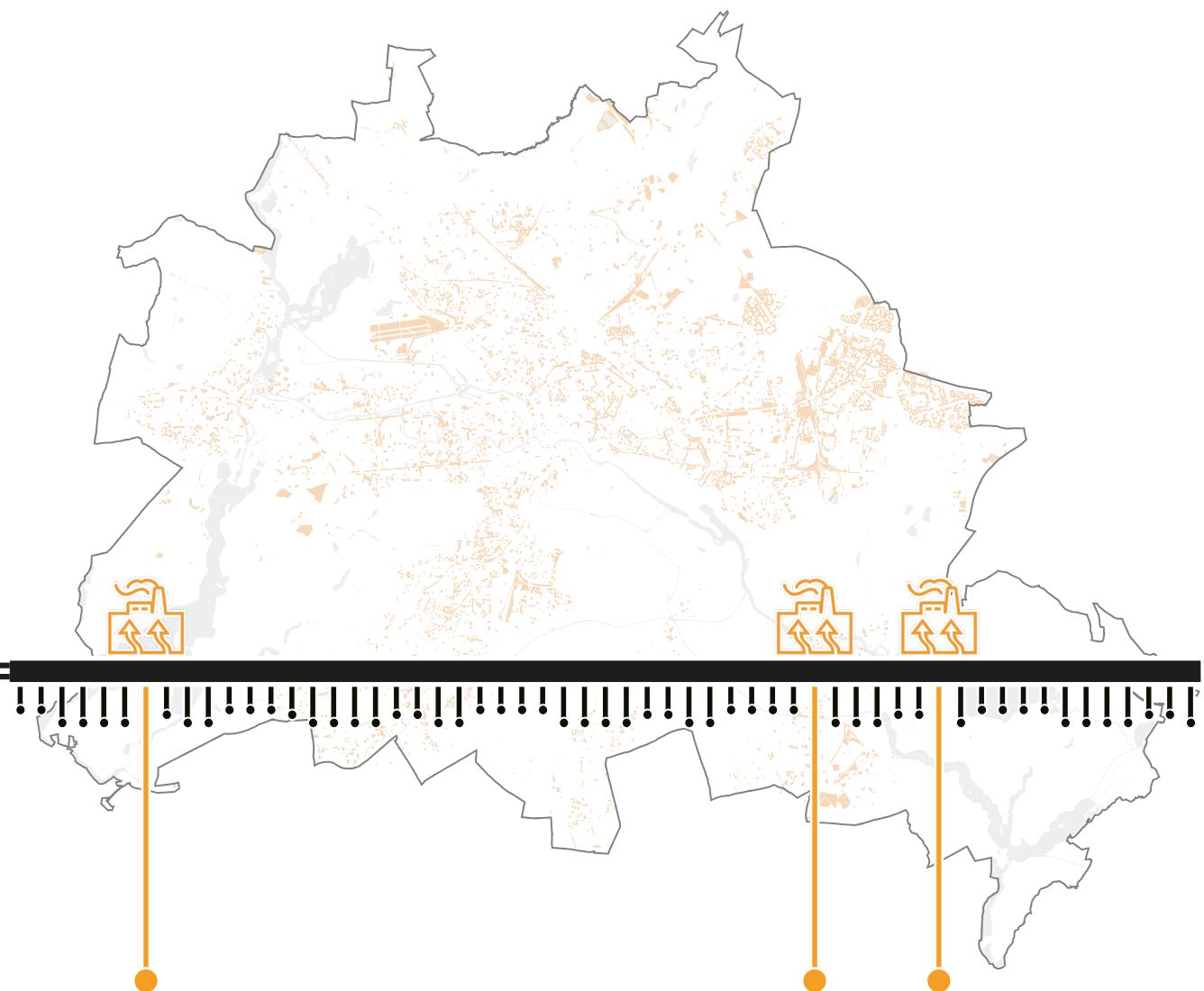
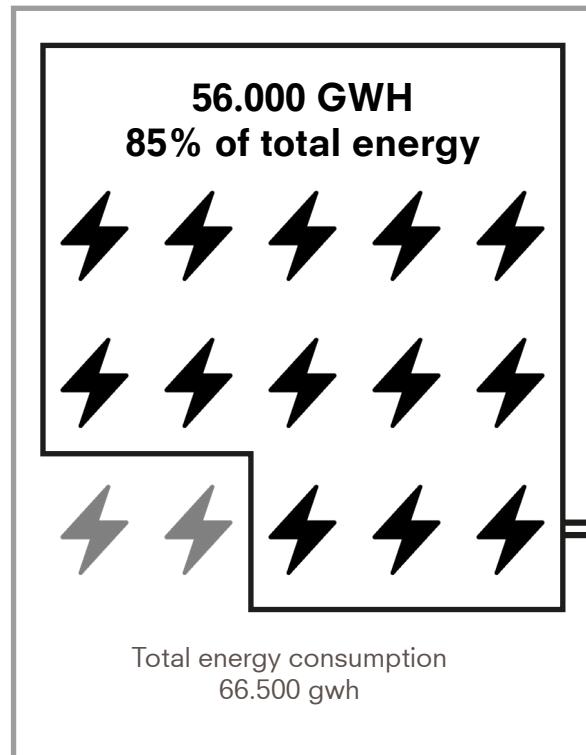
PROGRAM

ENERGY

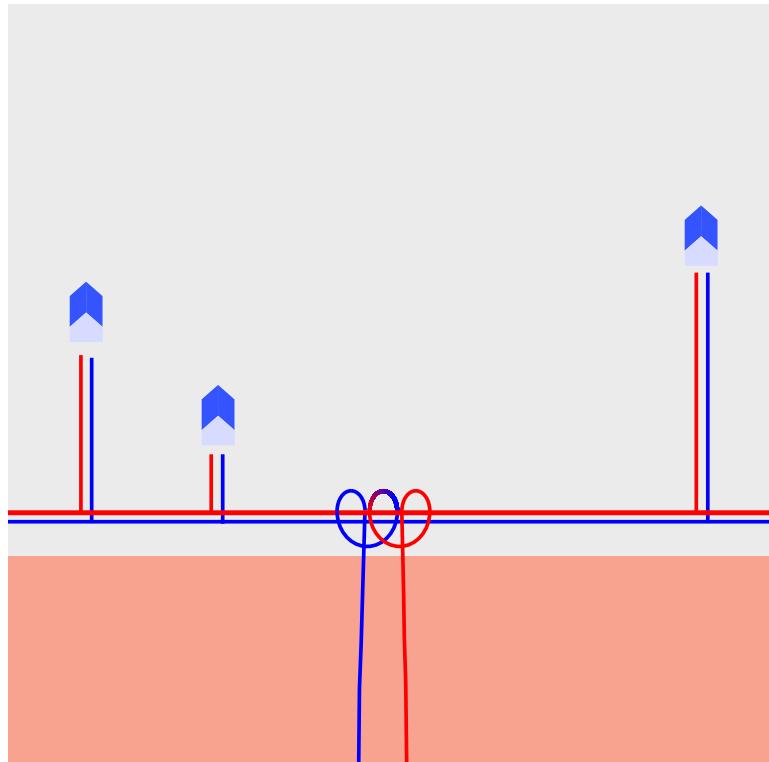
GROUP VISION



GEOTHERMAL POWERPLANT



GEOTHERMAL POWERPLANT



INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

BRIDGE

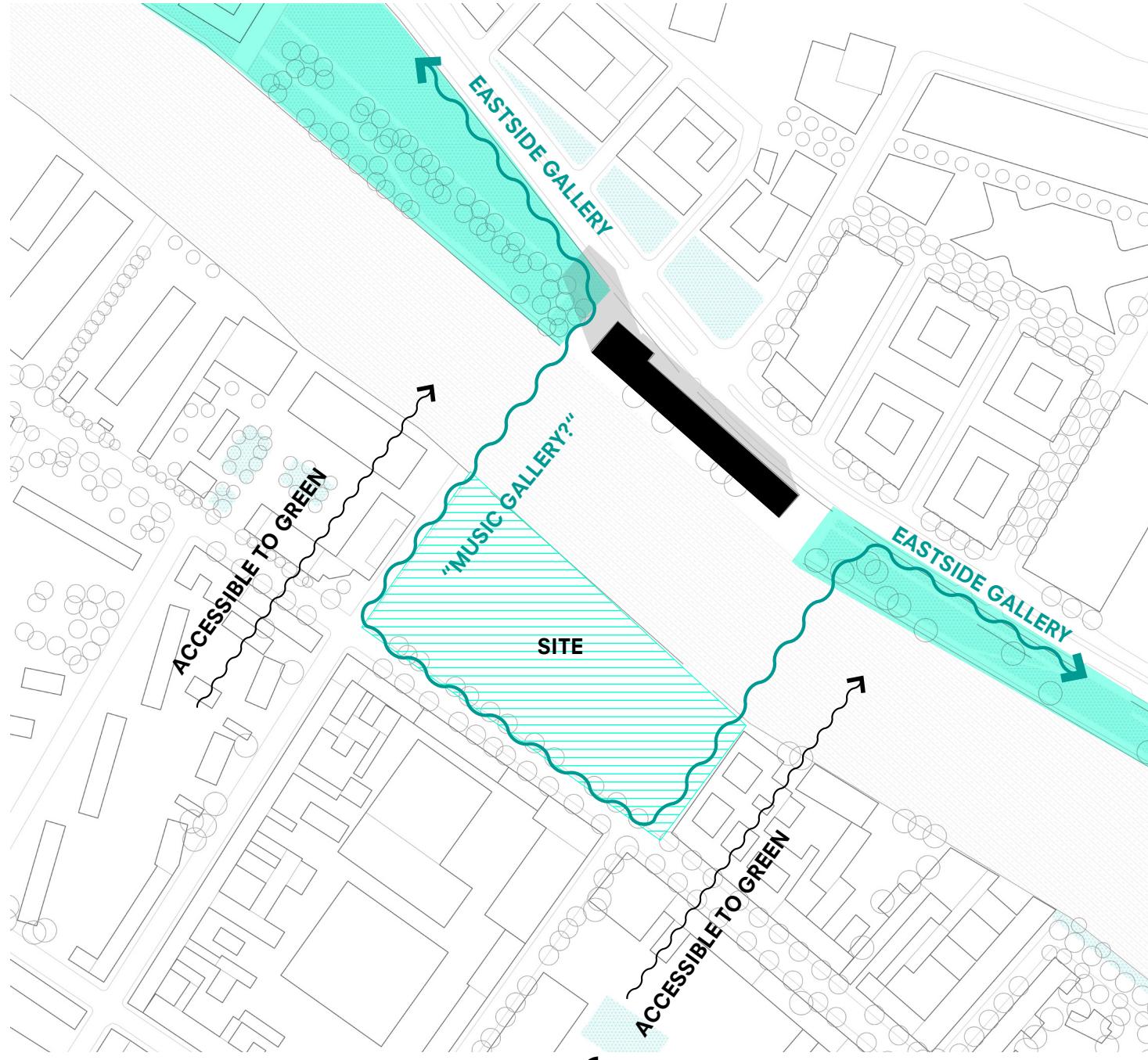
LIVE VESSEL

LIVE WITH MUSIC

ENERGY INFRASTRUCTURE

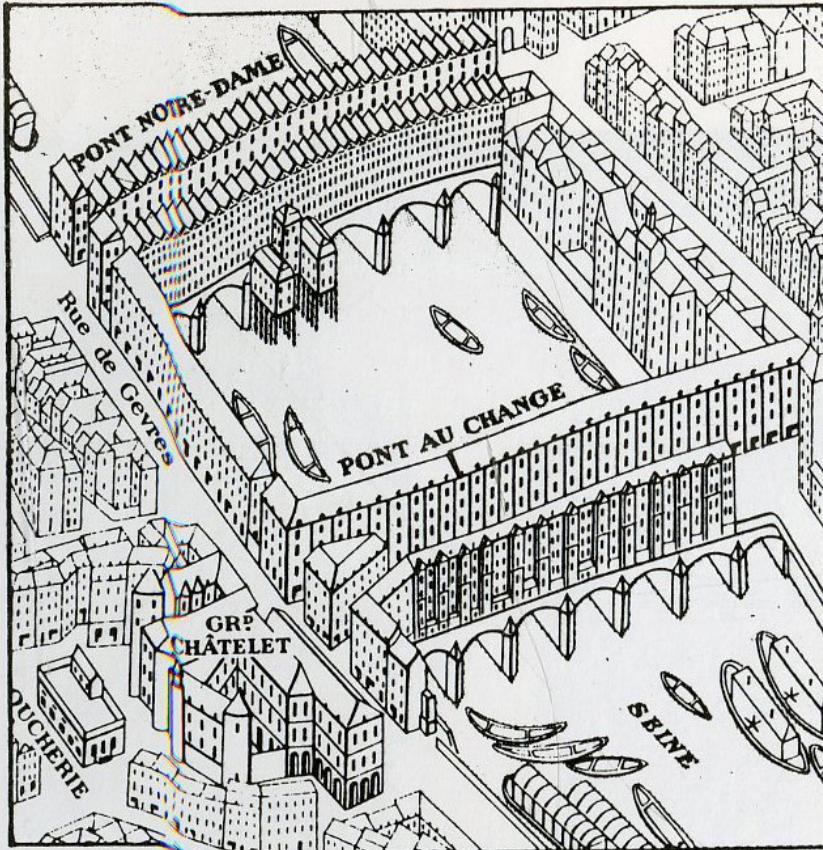
Concept

BRIDGE



Concept

BRIDGE



Houses on bridges forming a bottomless courtyard over the Seine, 17th century

INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

BRIDGE

LIVE VESSEL

LIVE WITH MUSIC

ENERGY INFRASTRUCTURE

Concept

LIVE VESSEL



LIVE VESSEL



Concept

PUBLIC ACCESSIBILITY



“Anyone who couldn’t afford a ticket could watch the match from the surrounding hillside”

Braga Municipal Stadium, Eduardo Souto de Moura

INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

BRIDGE

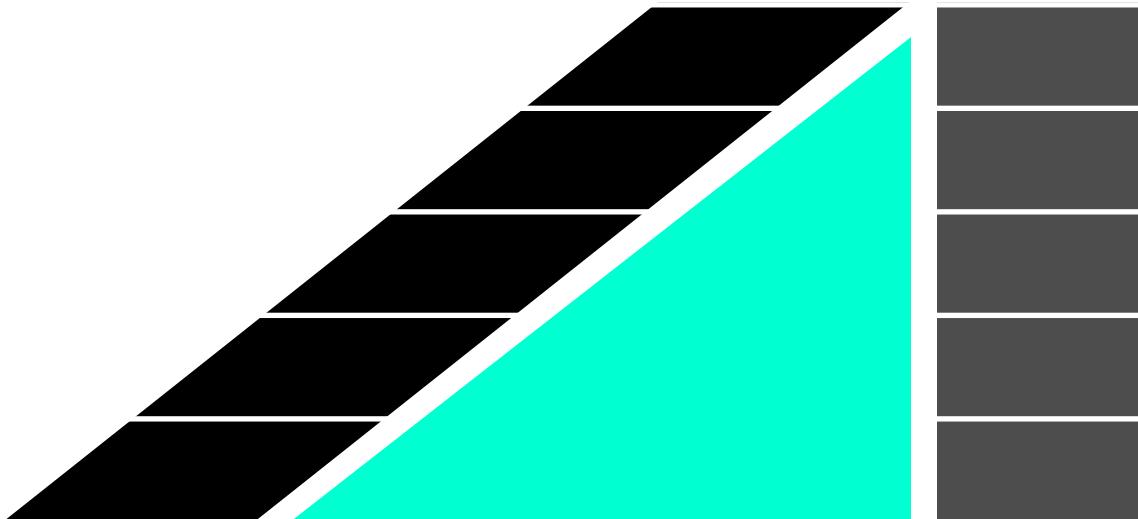
LIVE VESSEL

LIVE WITH MUSIC

ENERGY INFRASTRUCTURE

Concept

LIVE WITH MUSIC



bridge the private & music life

INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

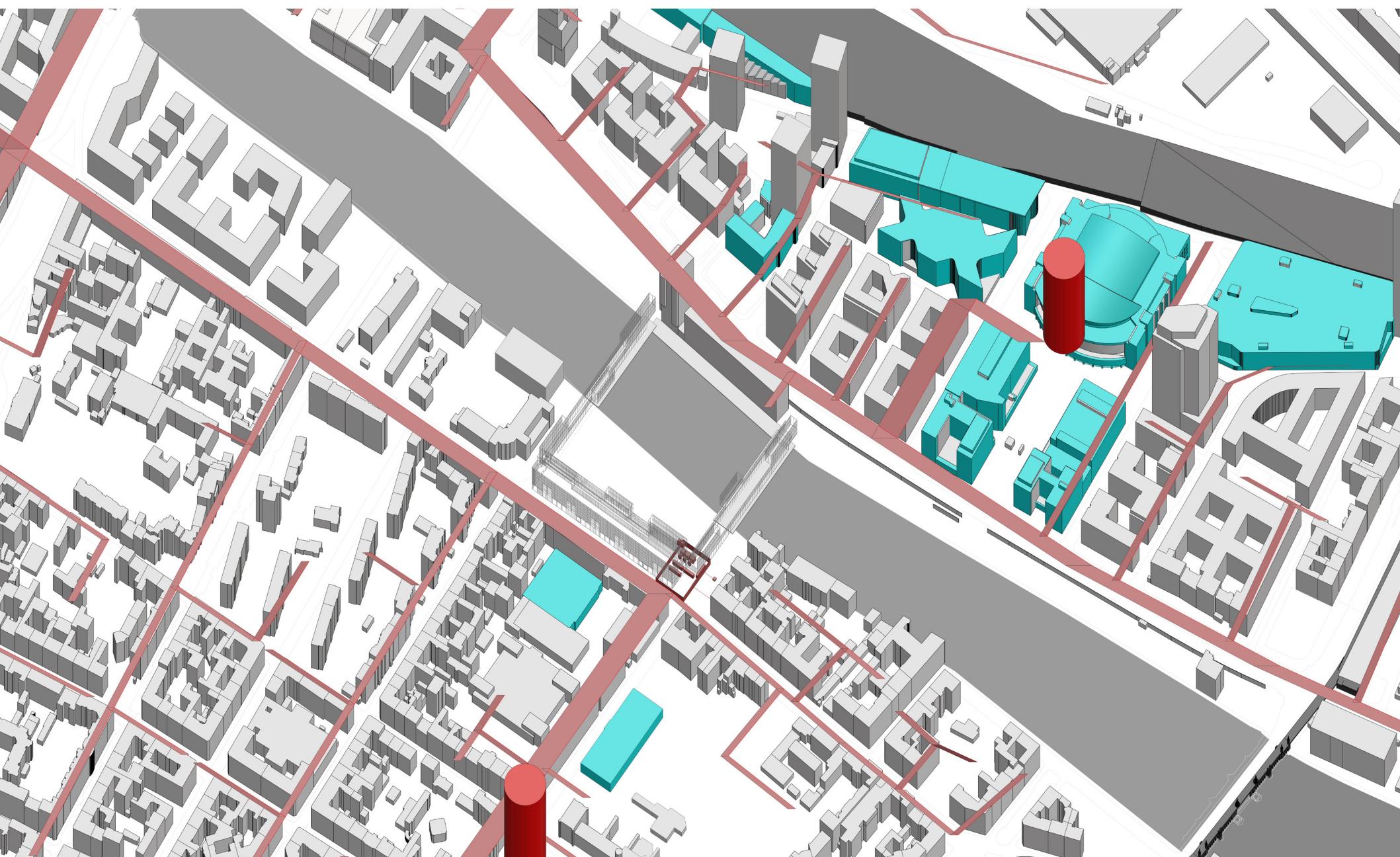
BRIDGE

LIVE VESSEL

LIVE WITH MUSIC

ENERGY INFRASTRUCTURE

Concept
ENERGY INFRASTRUCTURE



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

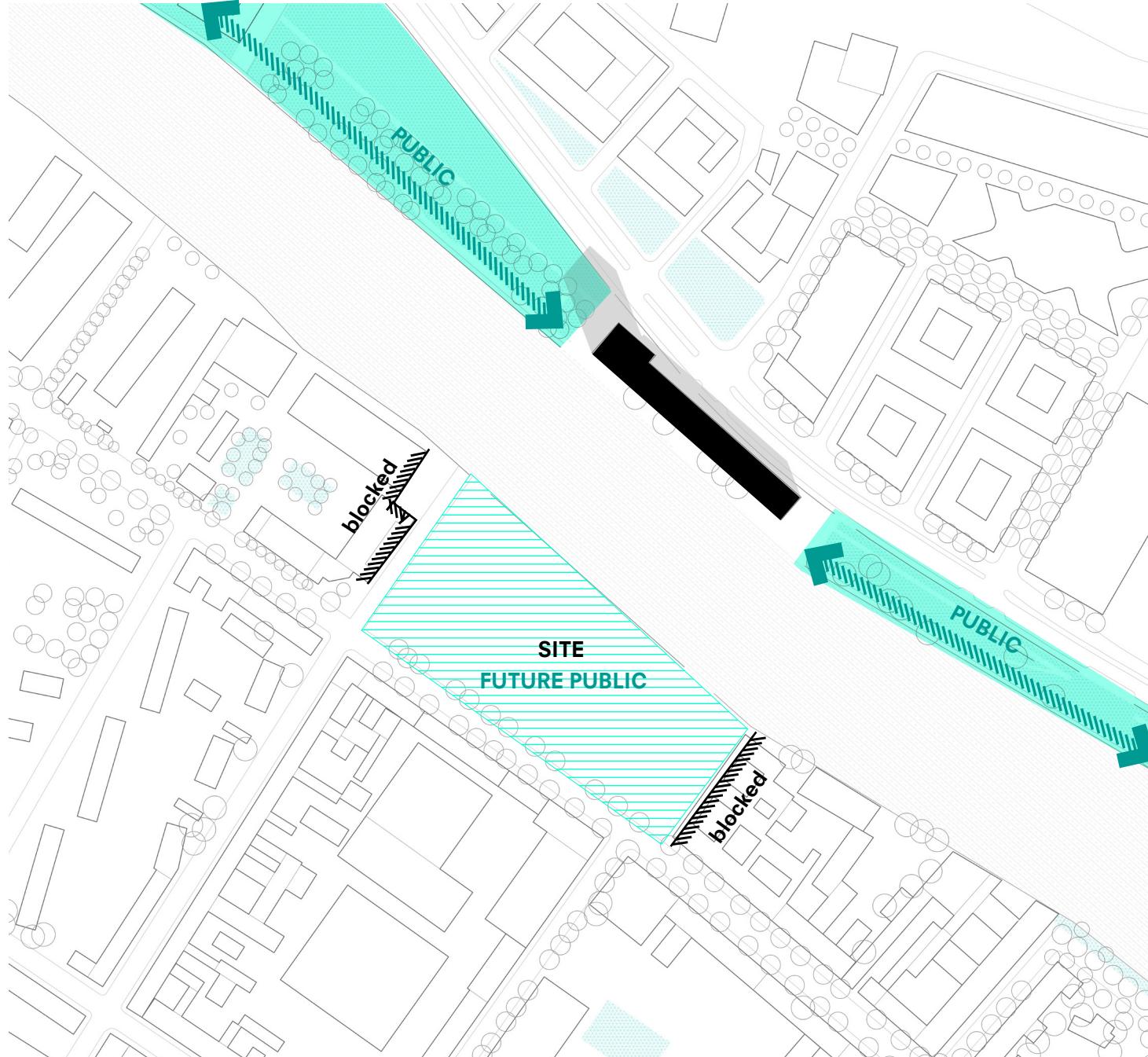
BRIDGE

LIVE VESSEL

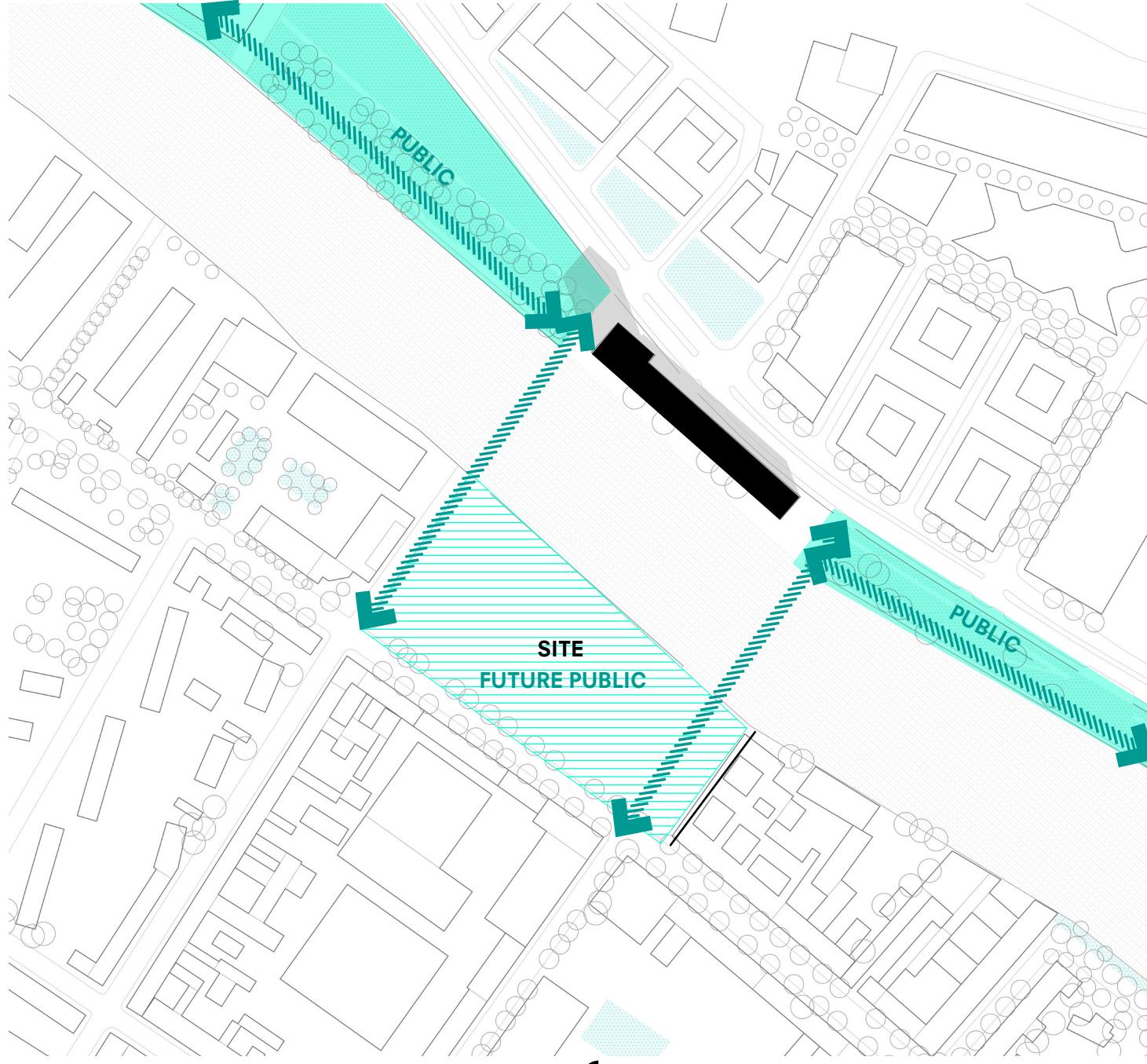
LIVE WITH MUSIC

ENERGY INFRASTRUCTURE

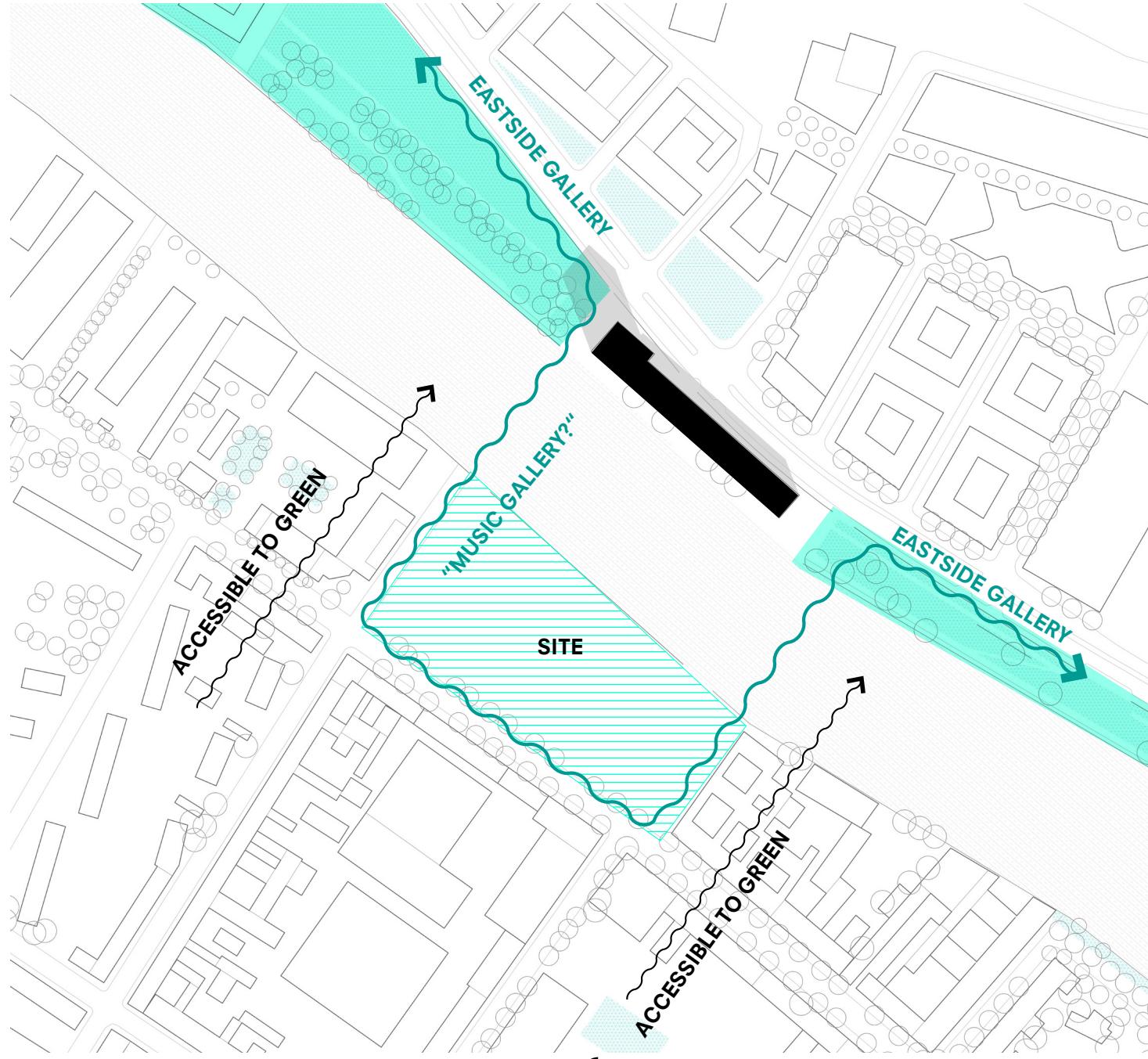
Implementation
URBAN STRATEGY



Implementation
URBAN STRATEGY

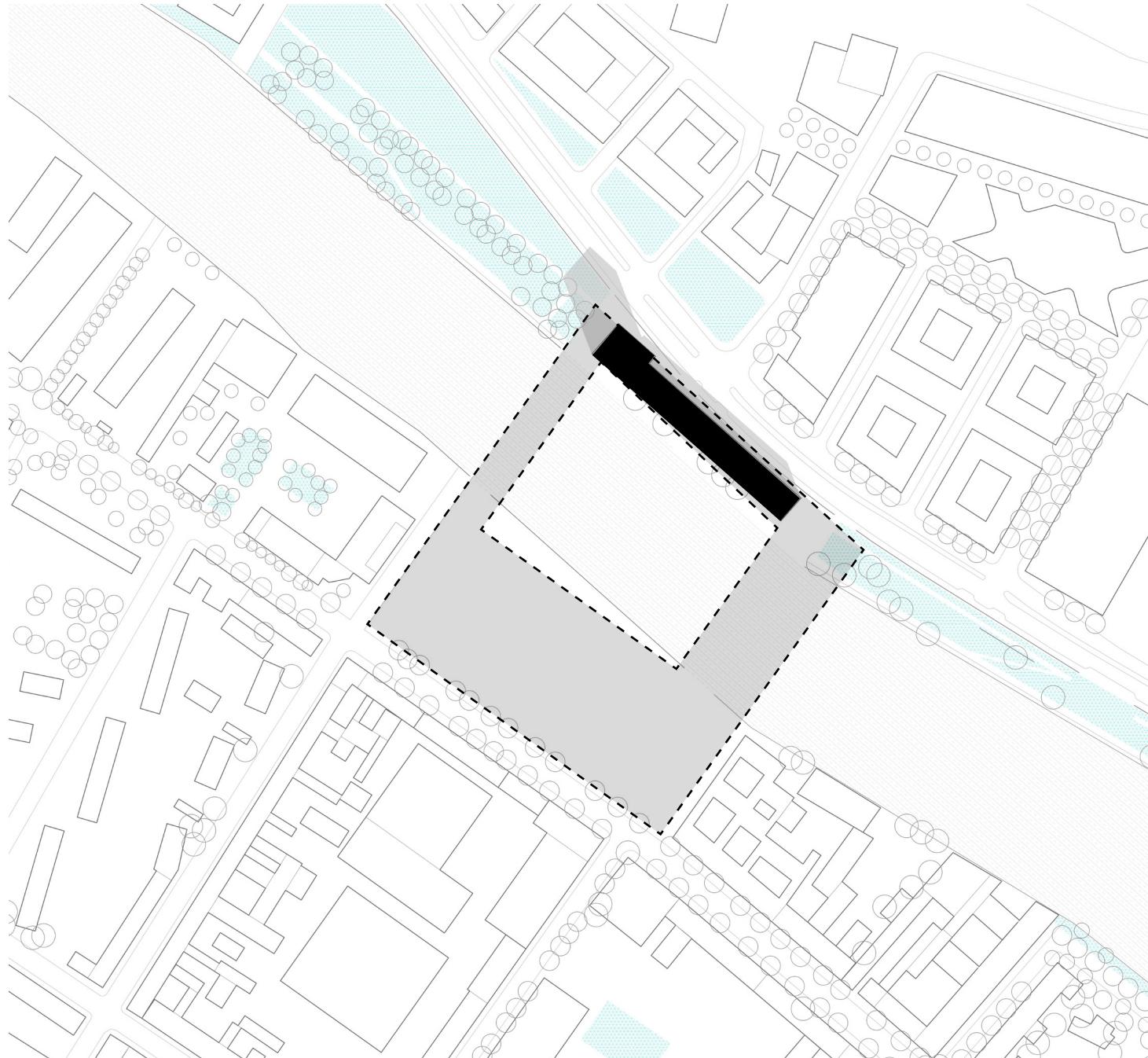


Implementation
URBAN STRATEGY

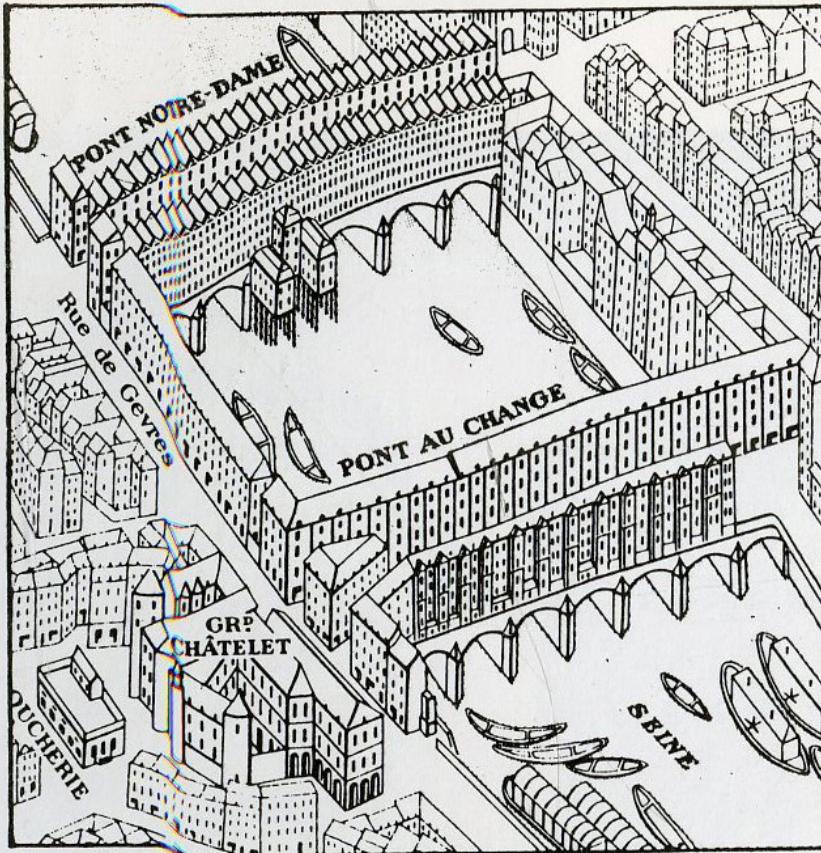


Implementation

DESIGN PERIMETER



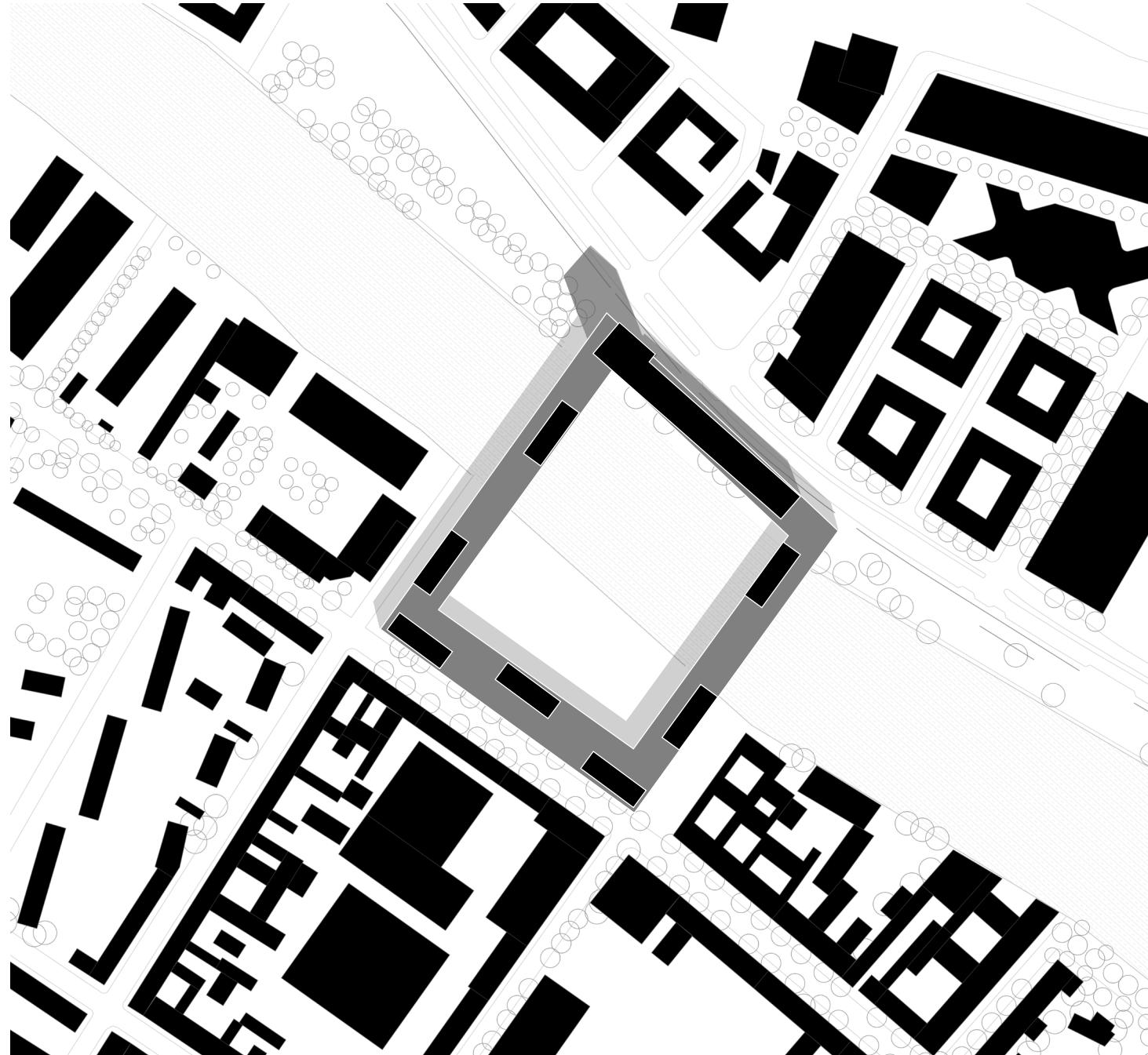
URBAN BLOCK ON WATER



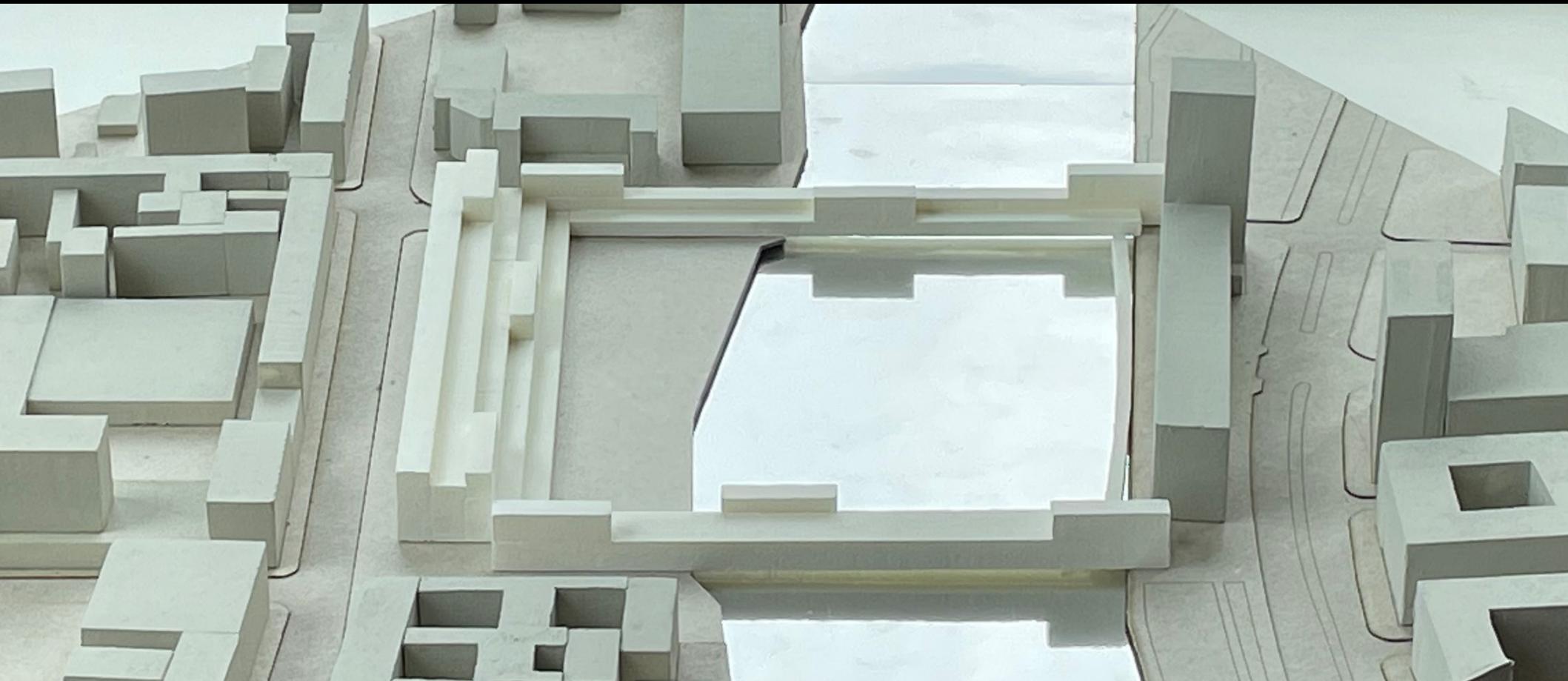
Houses on bridges forming a bottomless courtyard over the Seine, 17th century

Implementation

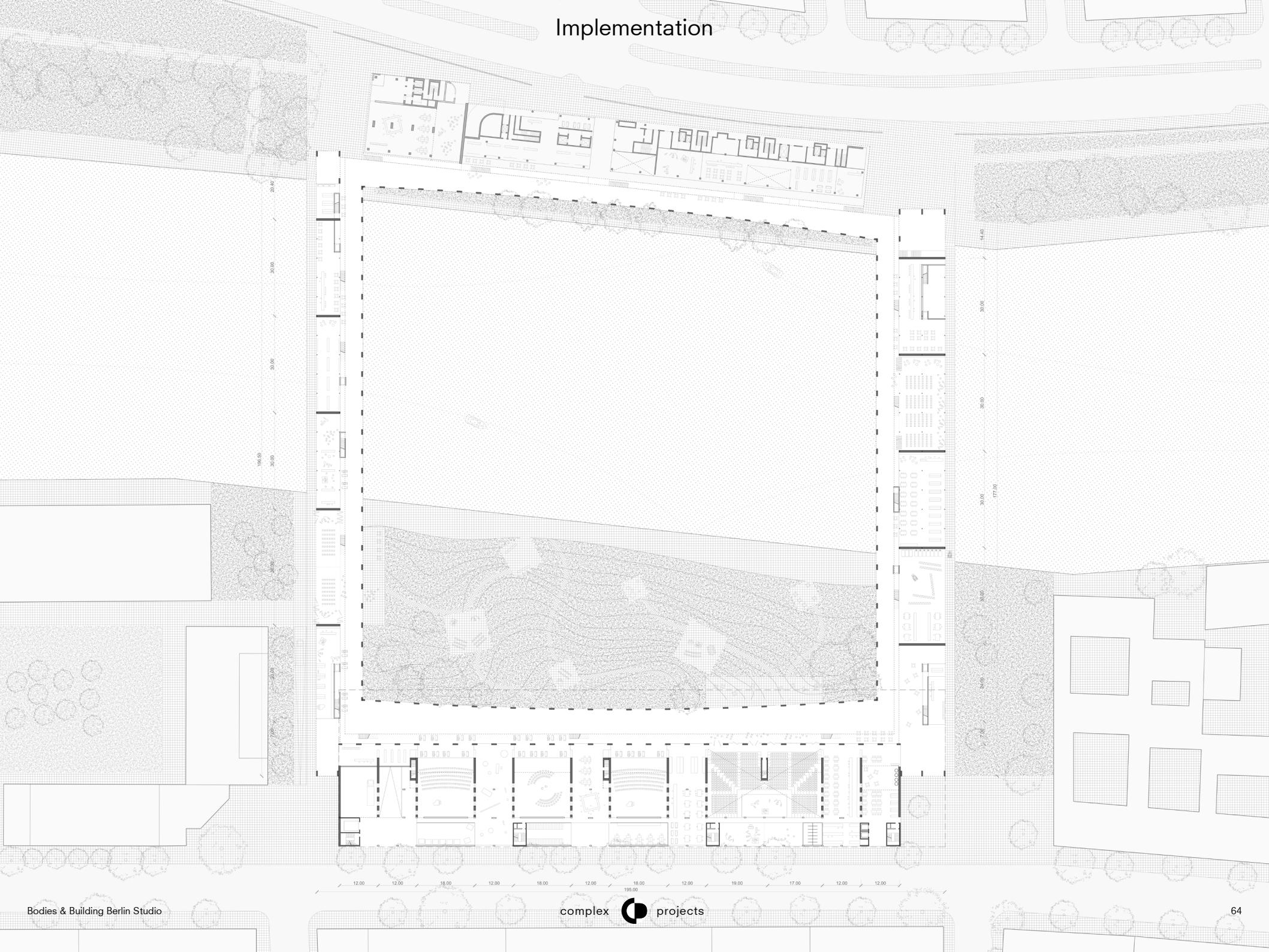
REPLACE THE URBAN FABRIC



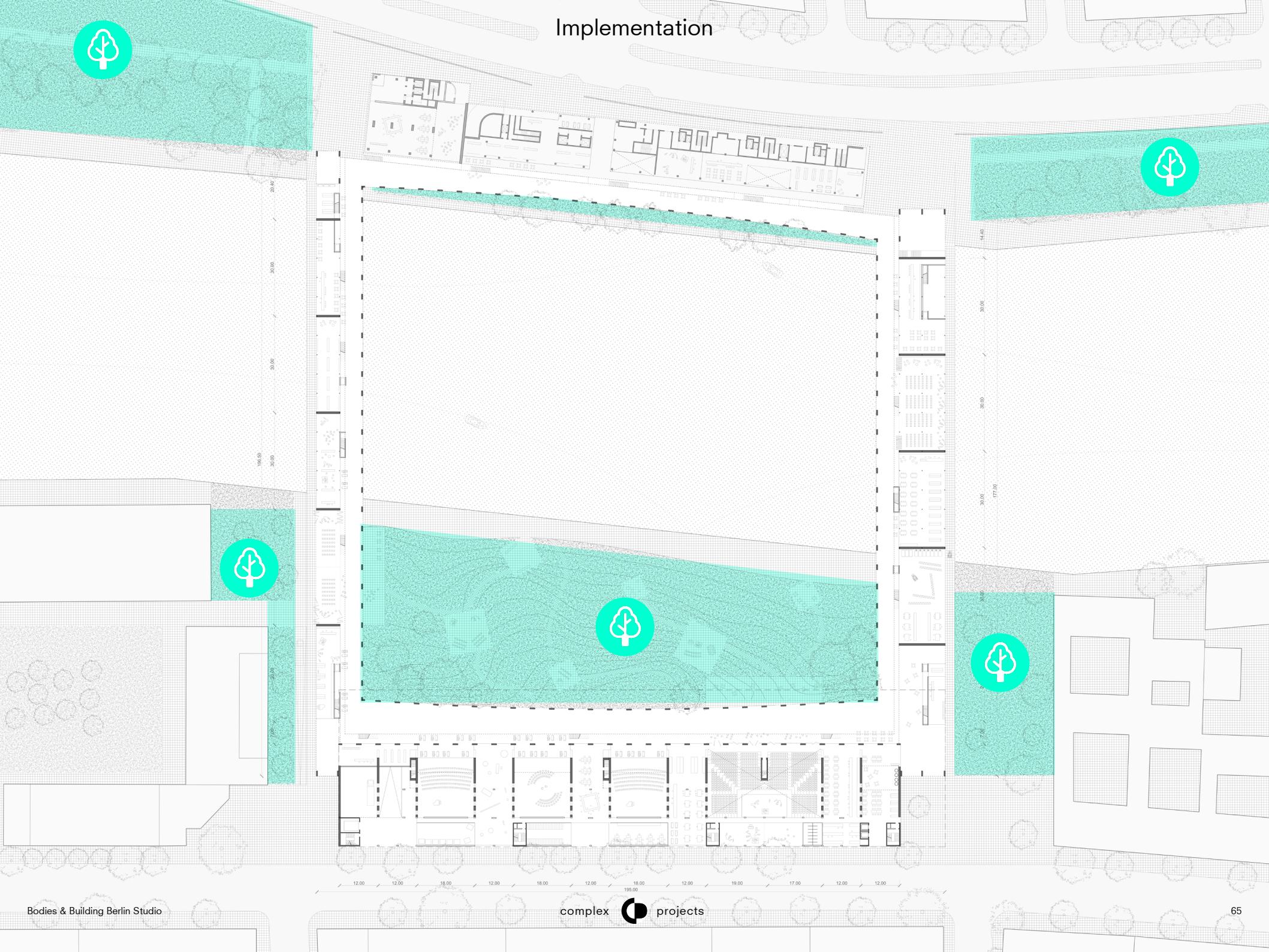
URBAN BLOCK ON WATER



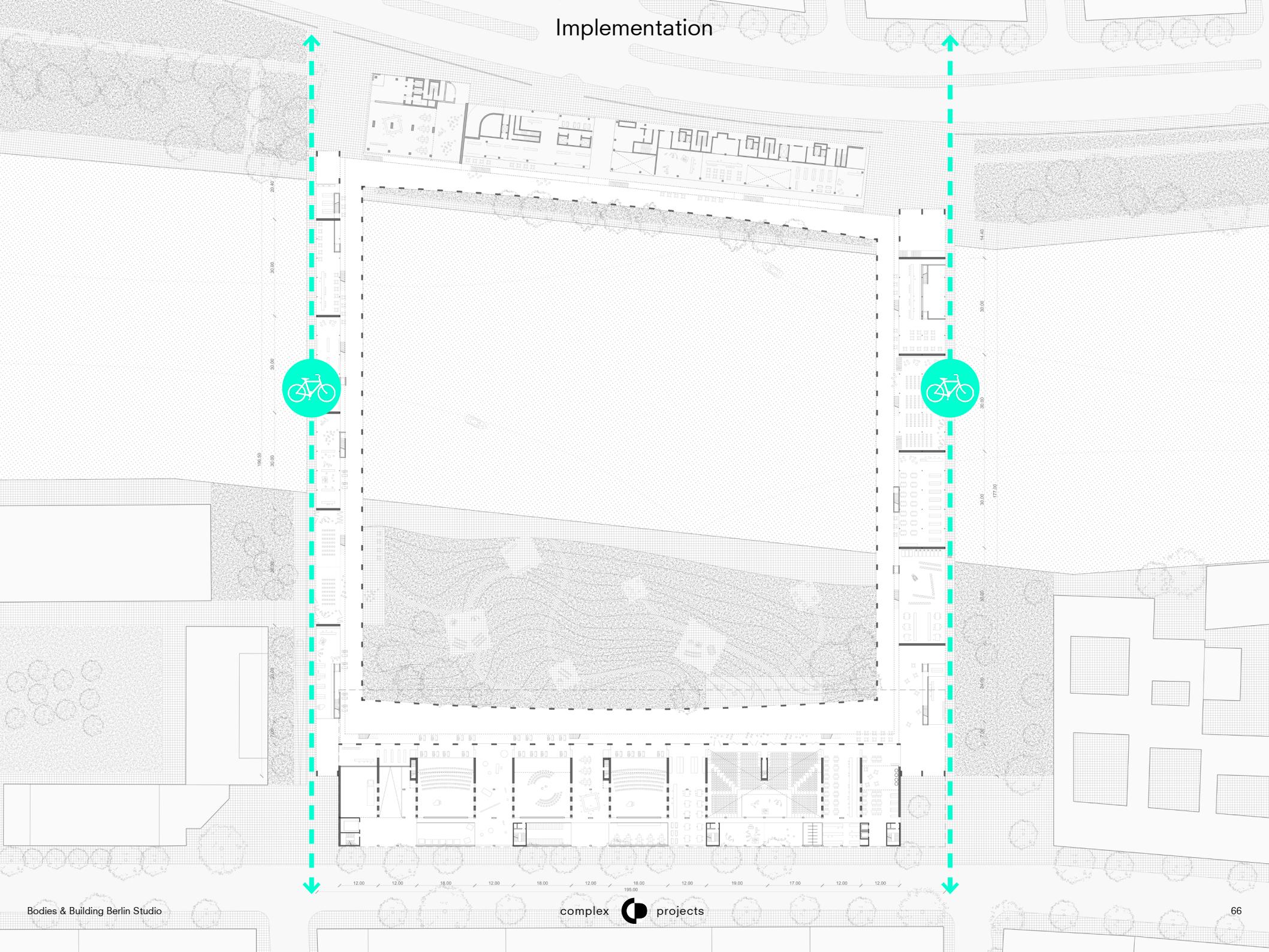
Implementation



Implementation



Implementation



Implementation

10 min walk from
Ostbahnhof



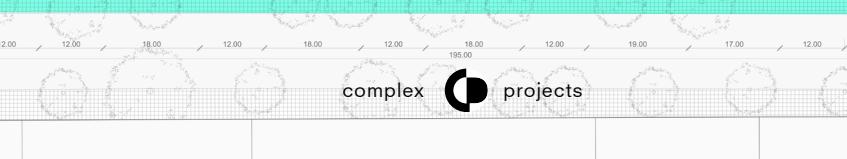
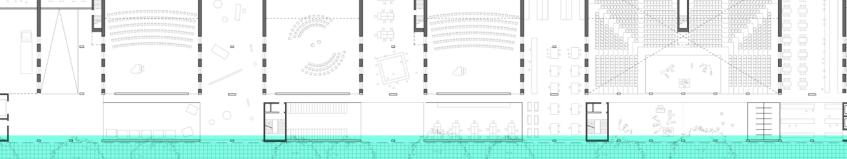
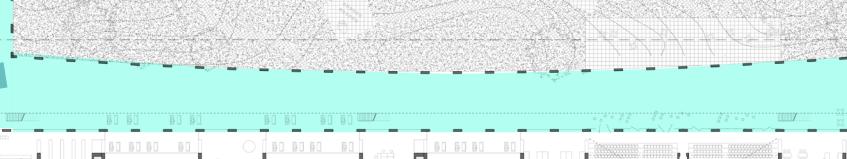
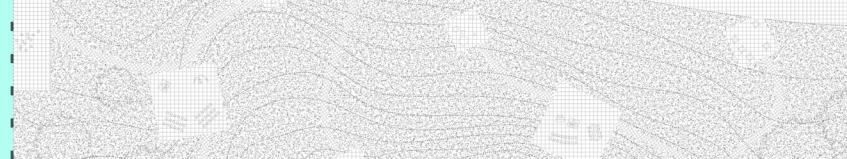
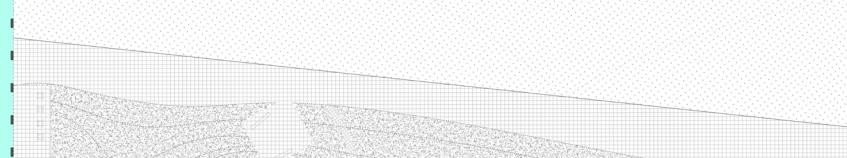
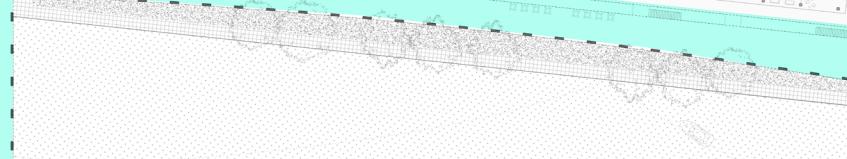
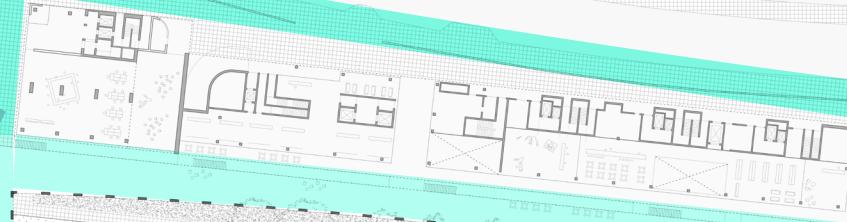
198.49

30.00

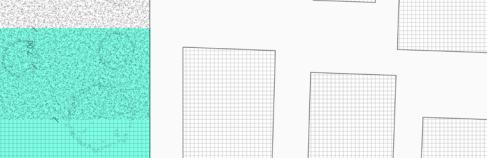
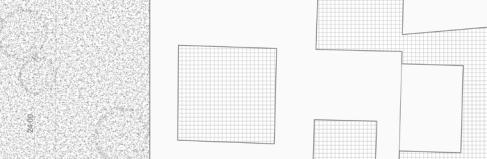
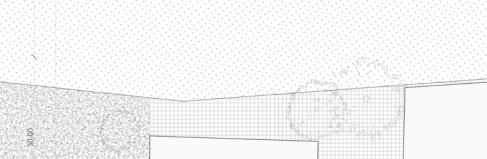
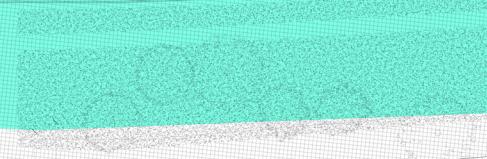
30.00

20.40

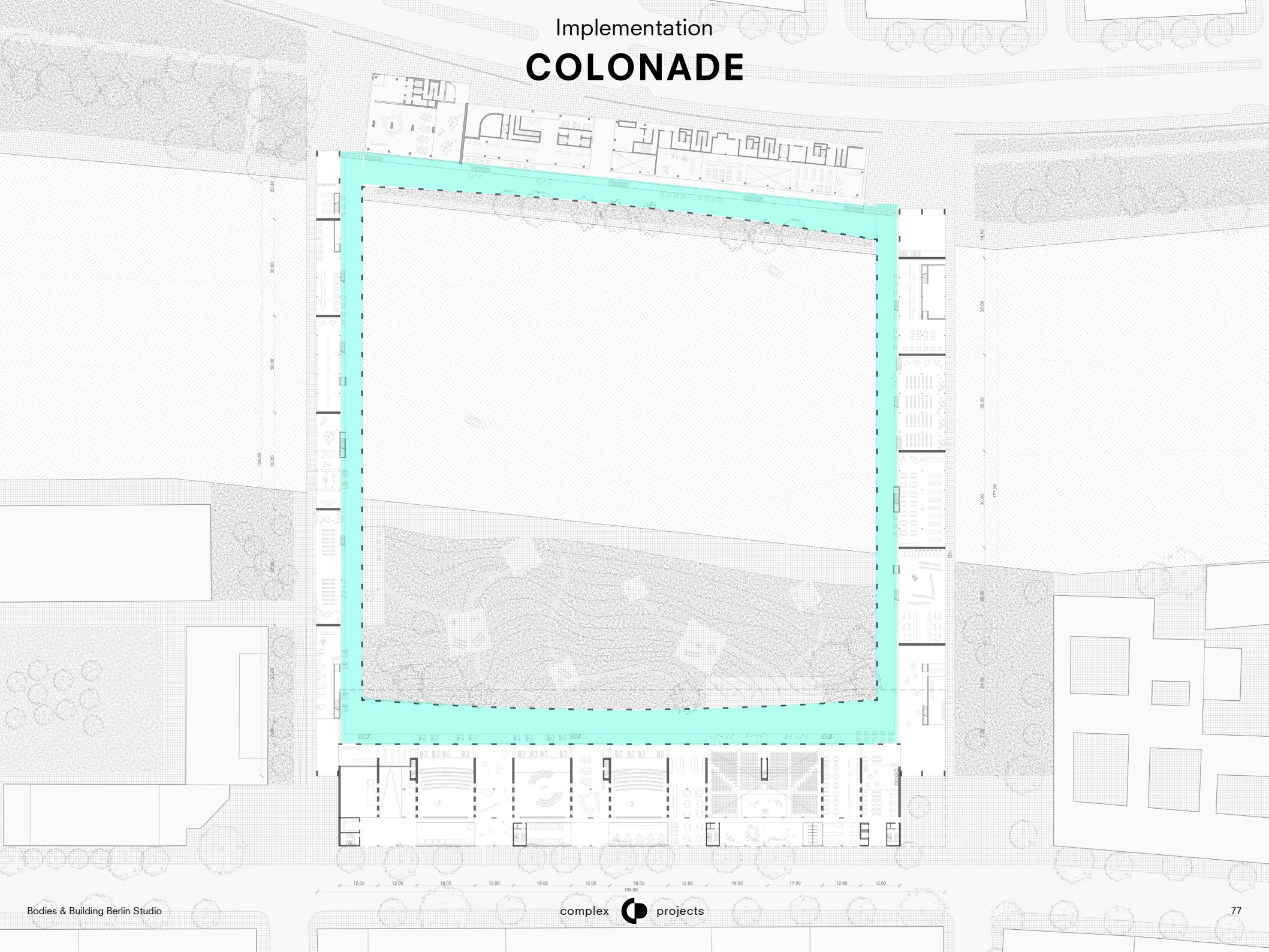
10.00



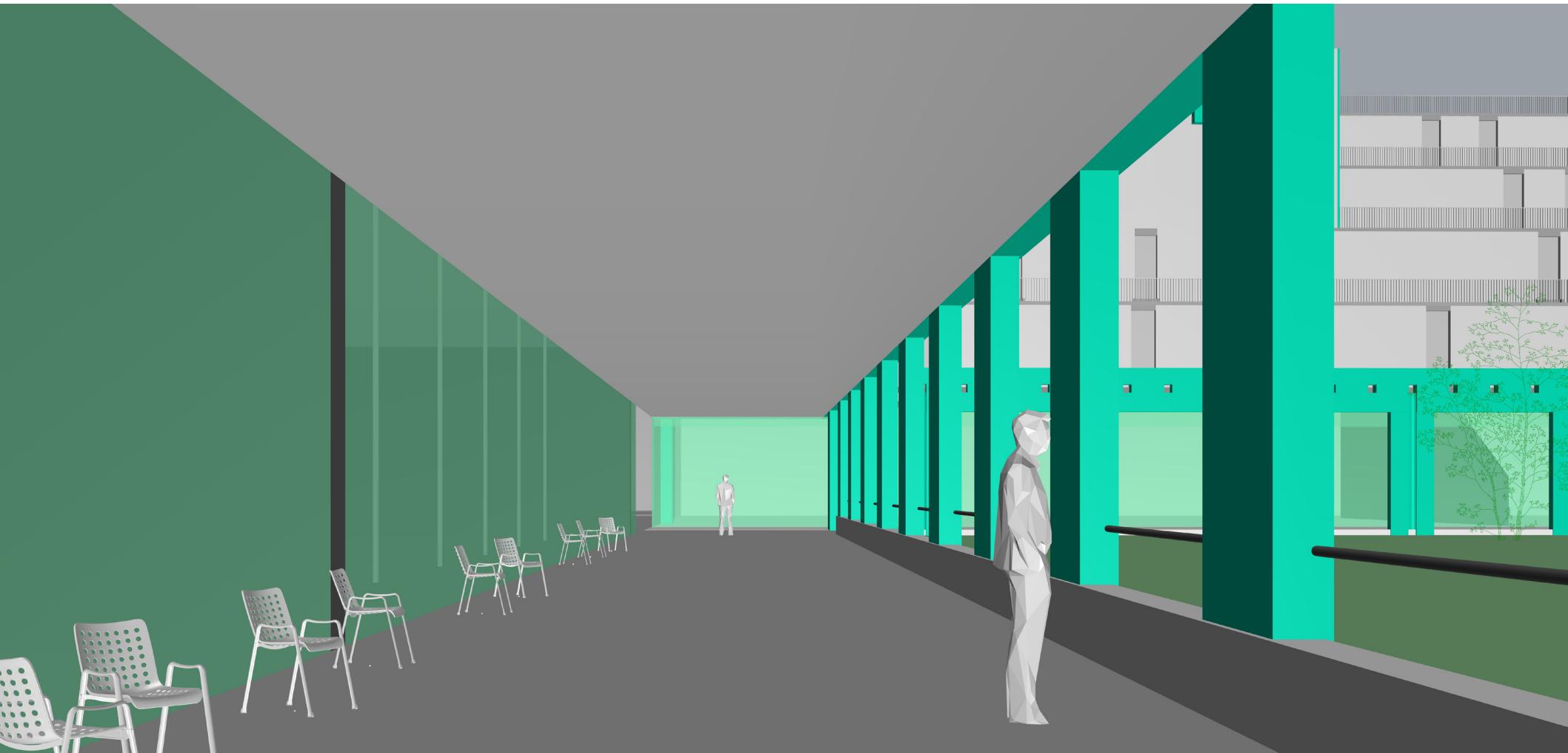
7 min walk from
U bahn
Schlesisches Tor



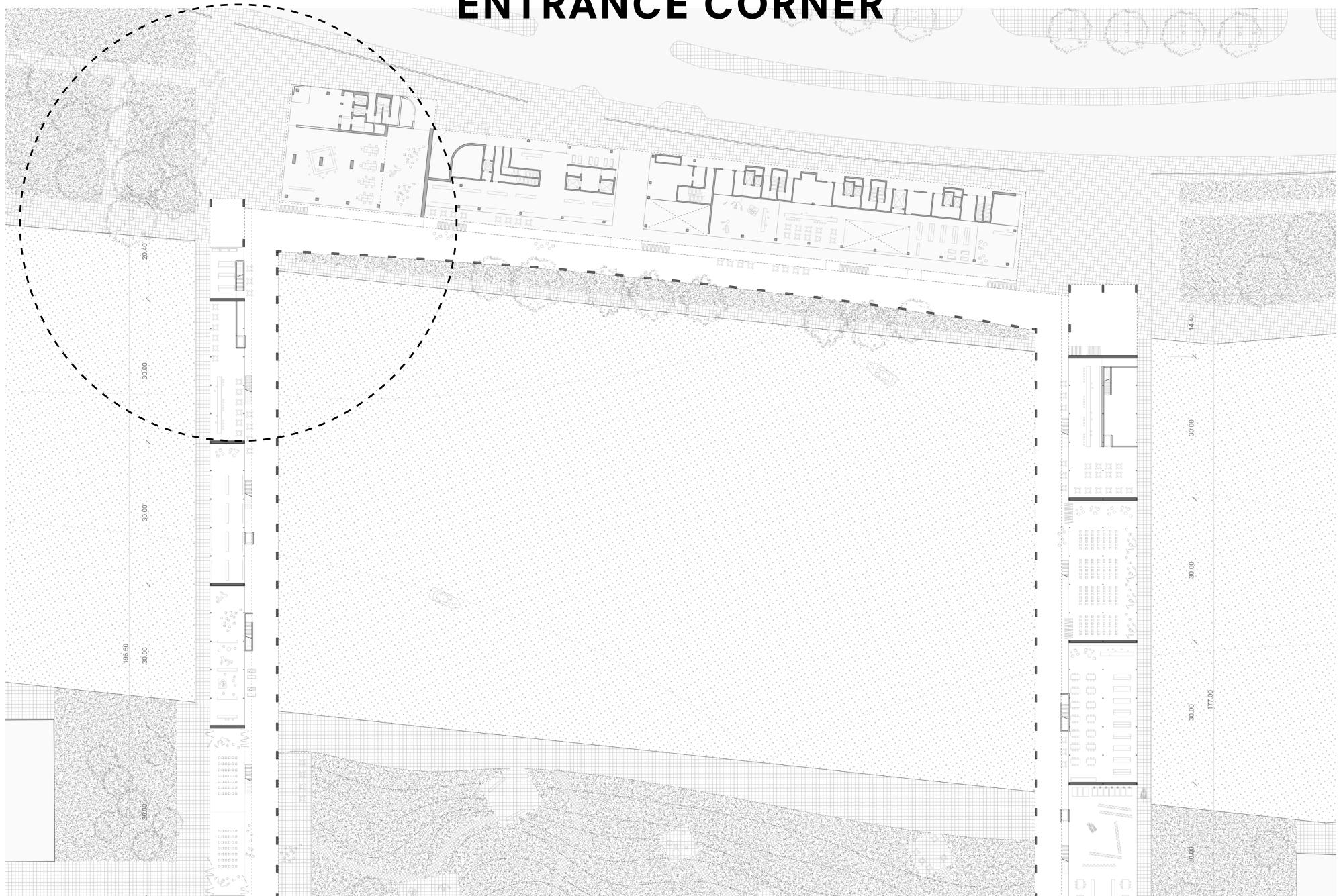
Implementation **COLONADE**



Implementation
COLONADE



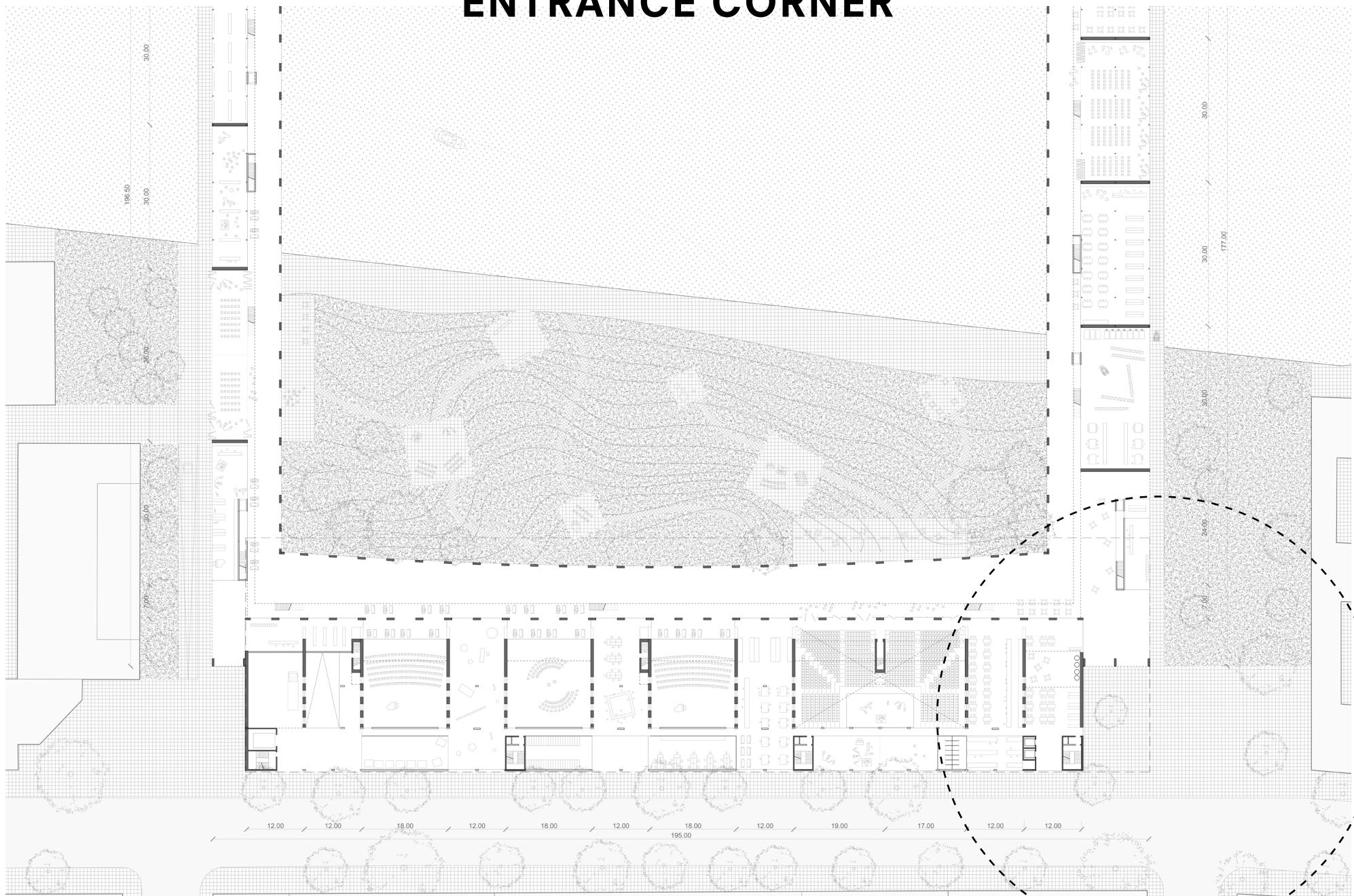
Implementation **ENTRANCE CORNER**



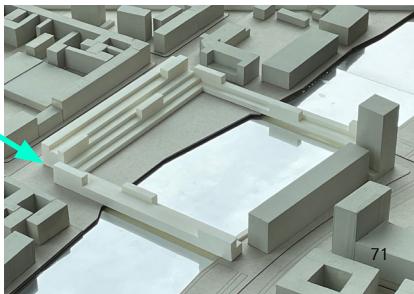
Implementation



Implementation
ENTRANCE CORNER



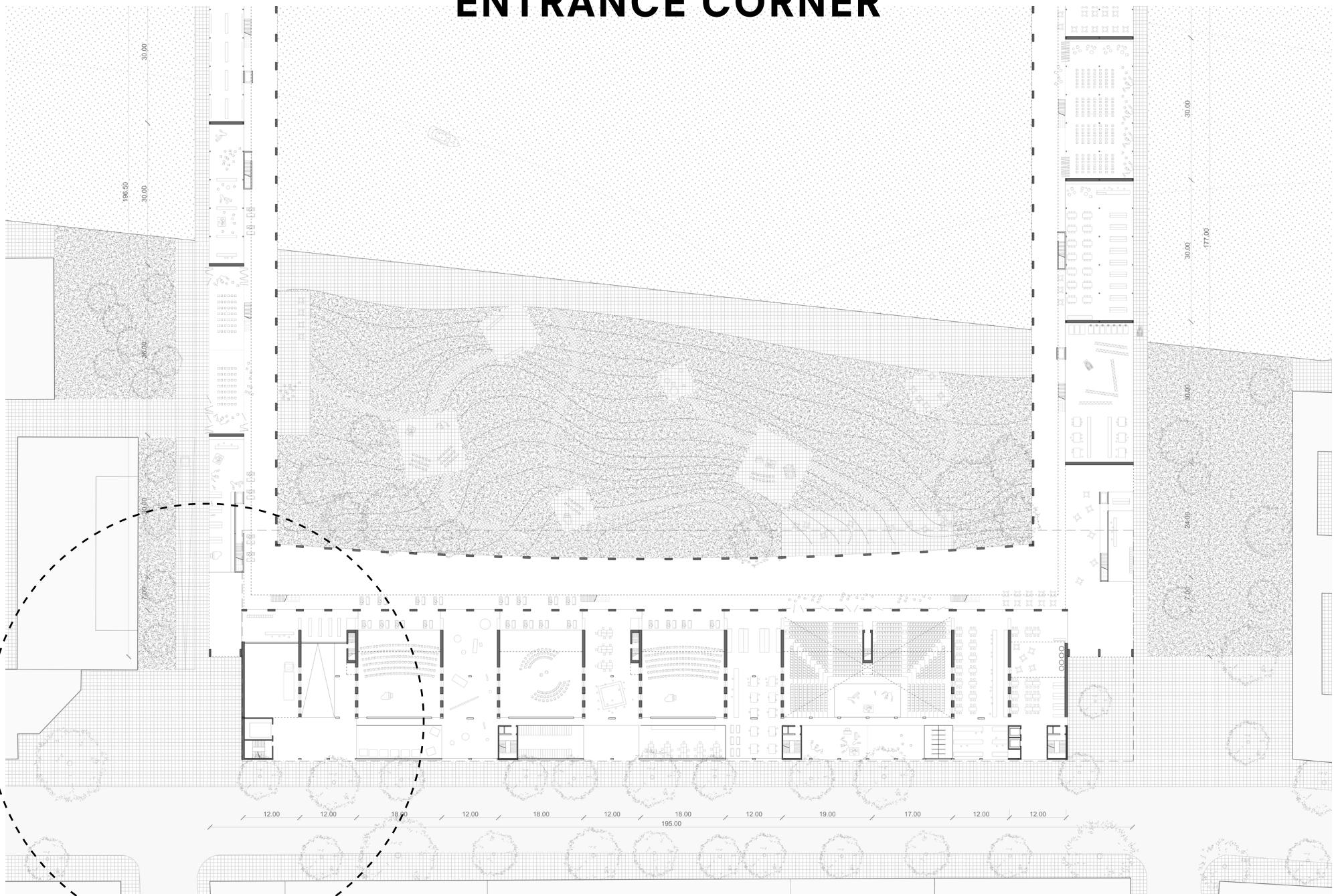
Implementation
ENTRANCE CORNER



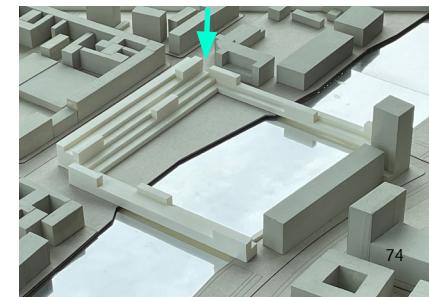
Implementation
“BRACHE”



Implementation
ENTRANCE CORNER



ENTRANCE CORNER



Implementation
“BRACHE”



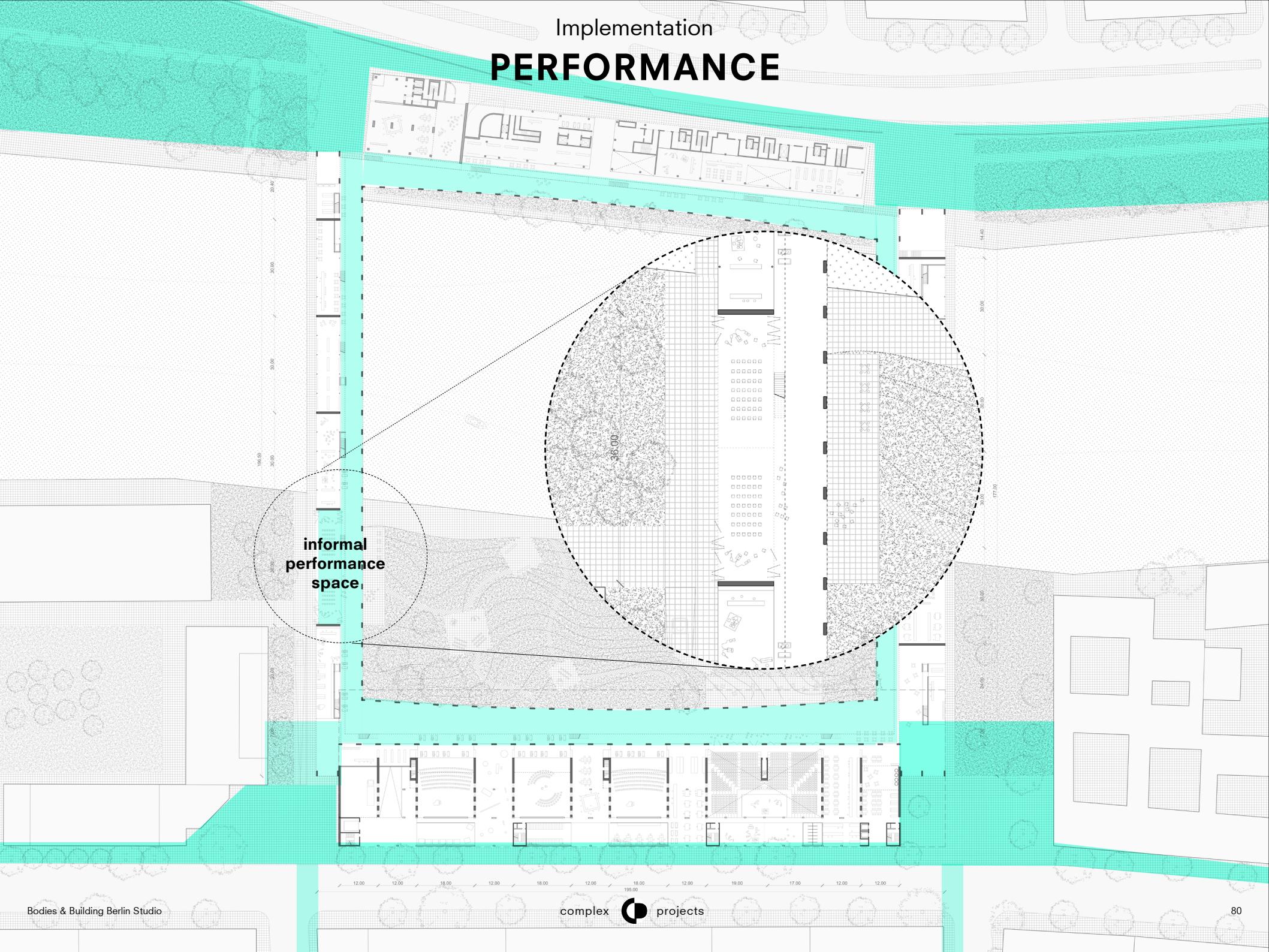
Implementation

PUBLIC PROGRAM

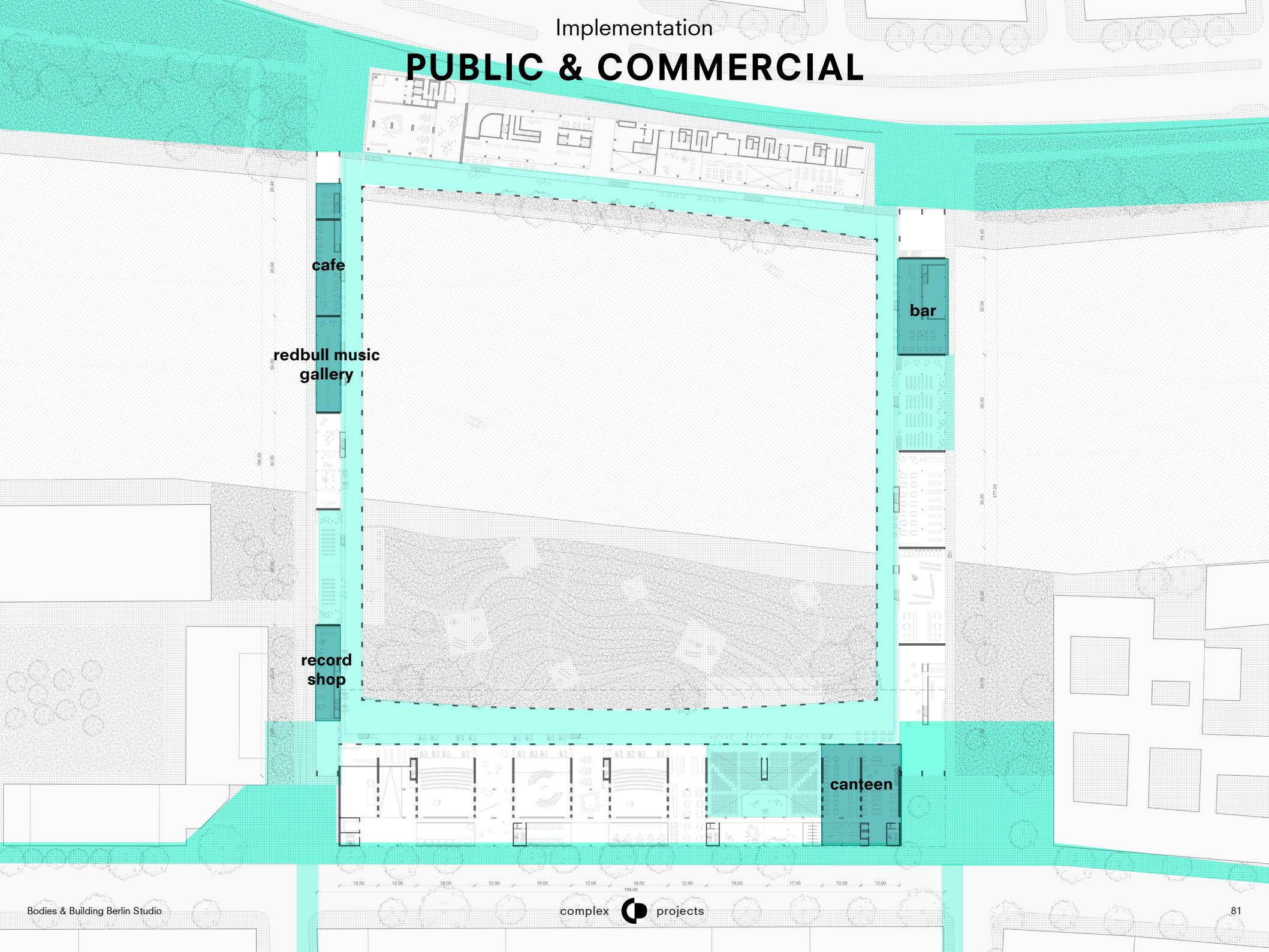
informal performance space

informal performance space

Implementation
PERFORMANCE

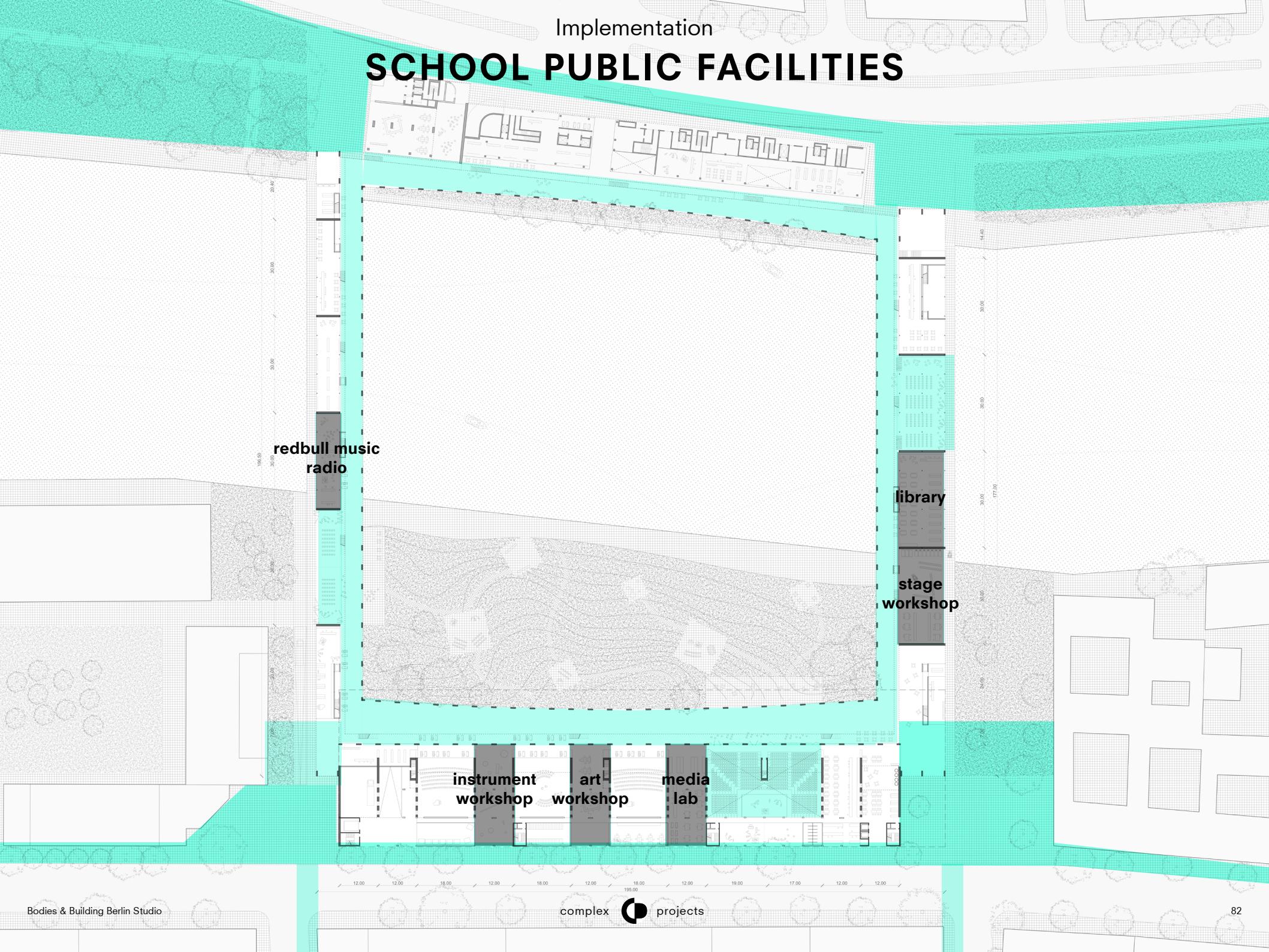


PUBLIC & COMMERCIAL

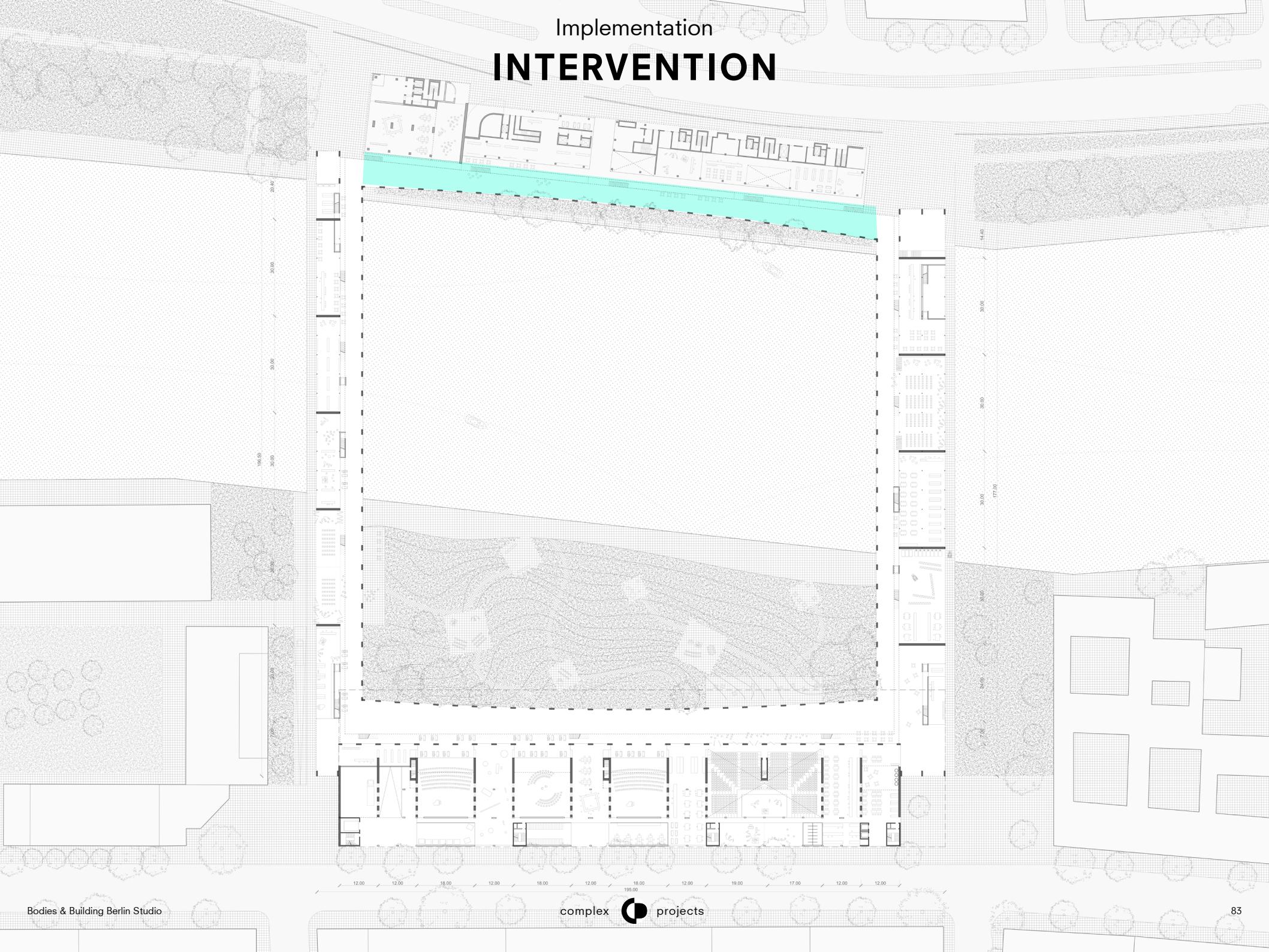


Implementation

SCHOOL PUBLIC FACILITIES



Implementation
INTERVENTION

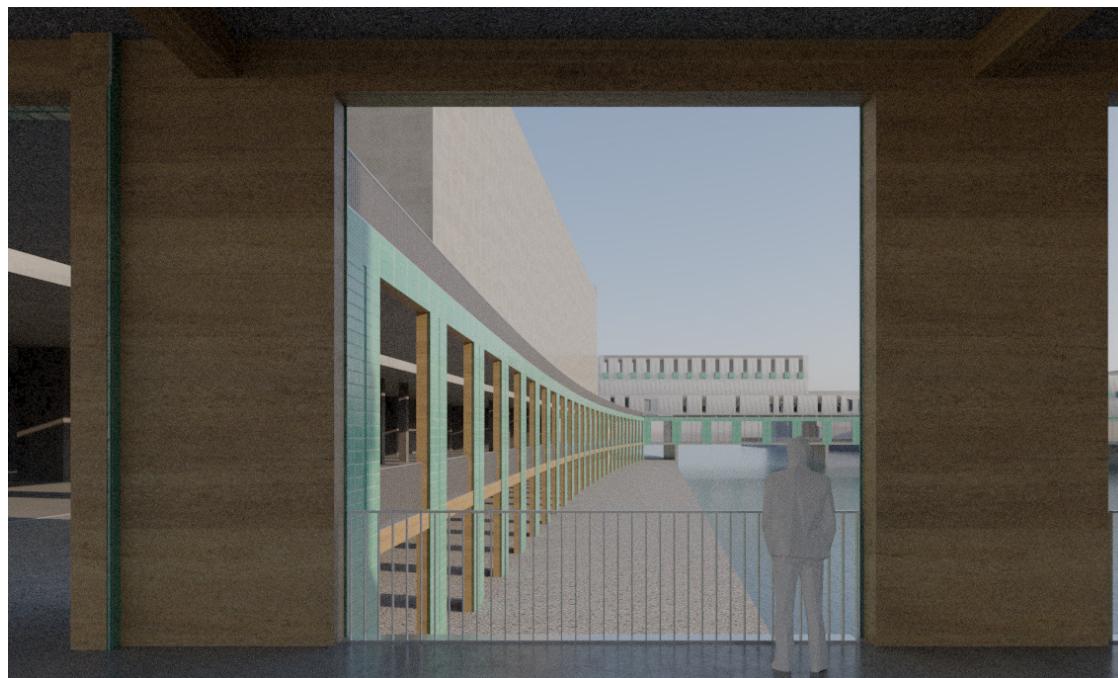


Implementation

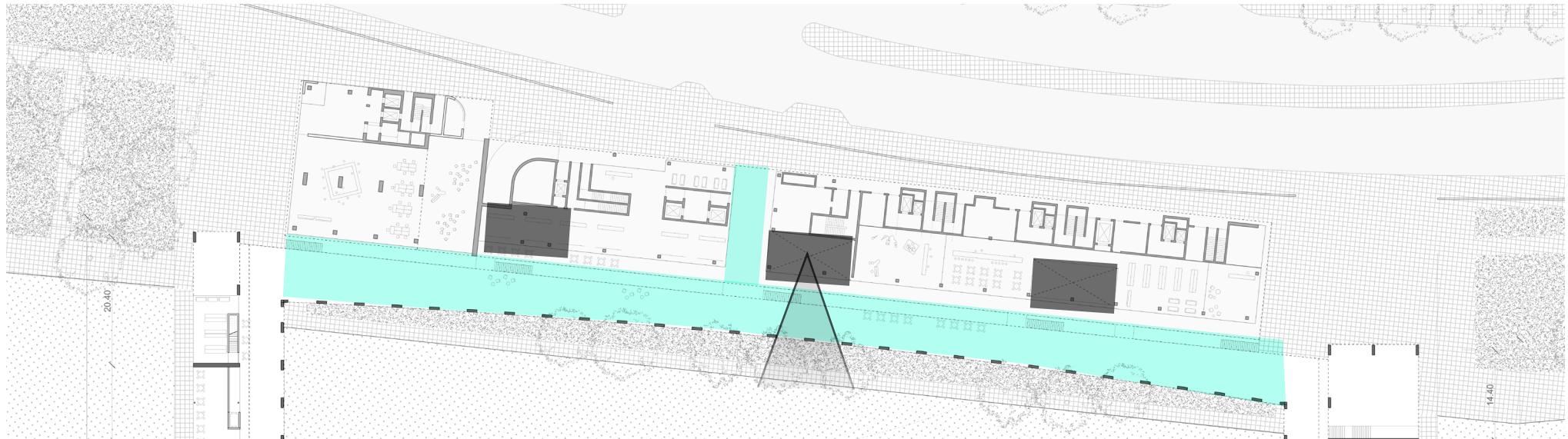
UPGRADE THE EXISTING



Implementation
STREET LEVEL VIEW



Implementation
PUBLIC GALLERY



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

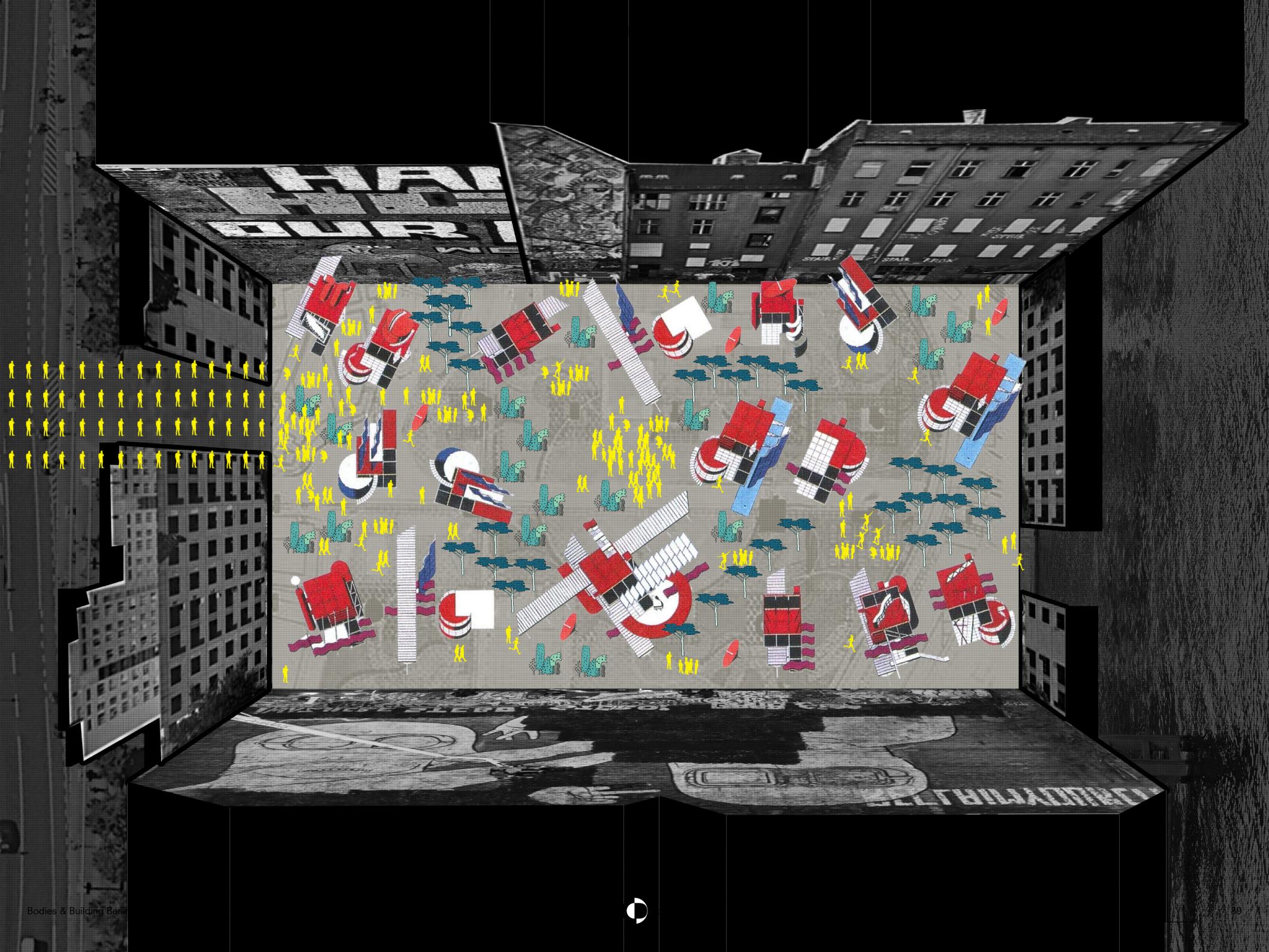
CONCLUSION

BRIDGE

LIVE VESSEL

LIVE WITH MUSIC

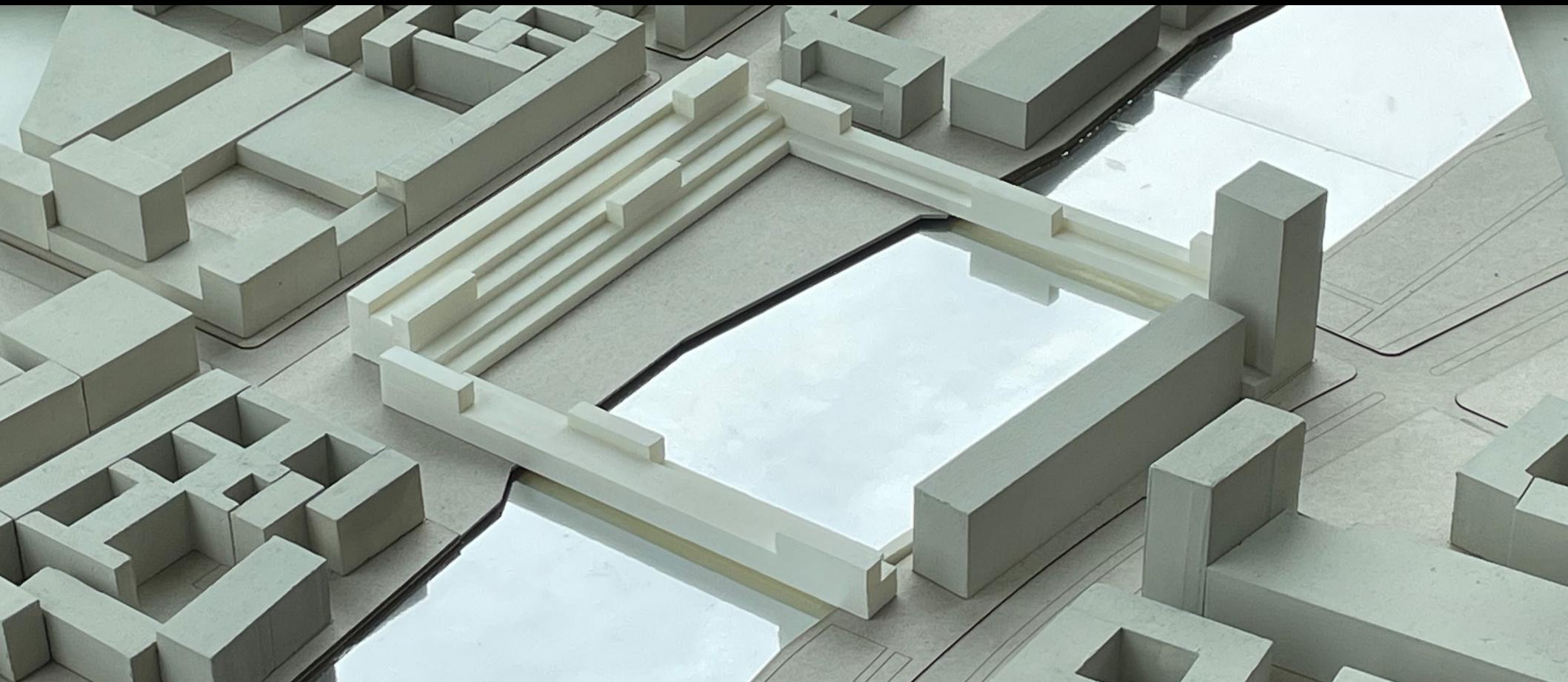
ENERGY INFRASTRUCTURE



Implementation



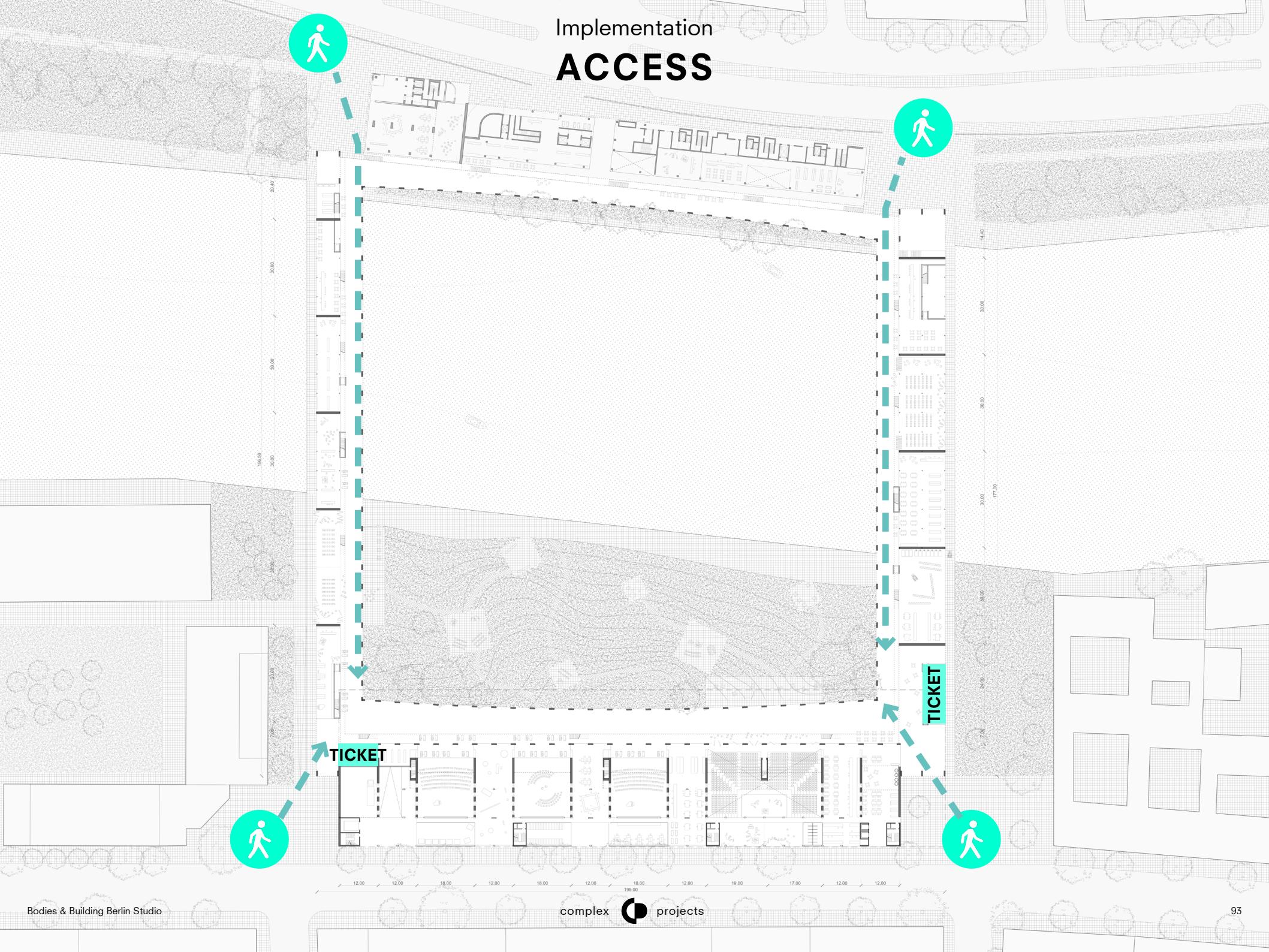
AMPHITHEATRE ON THE WATER



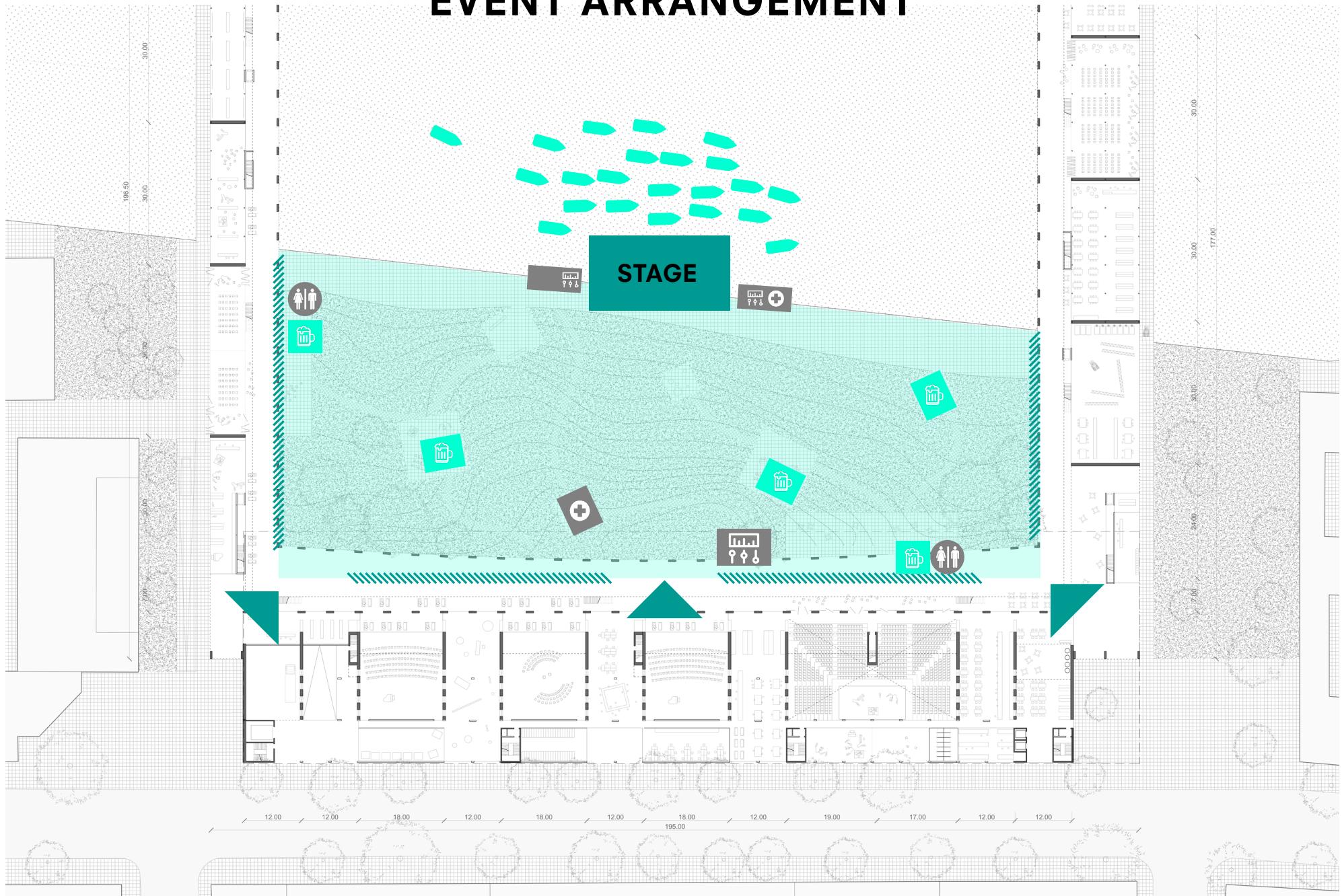
Implementation



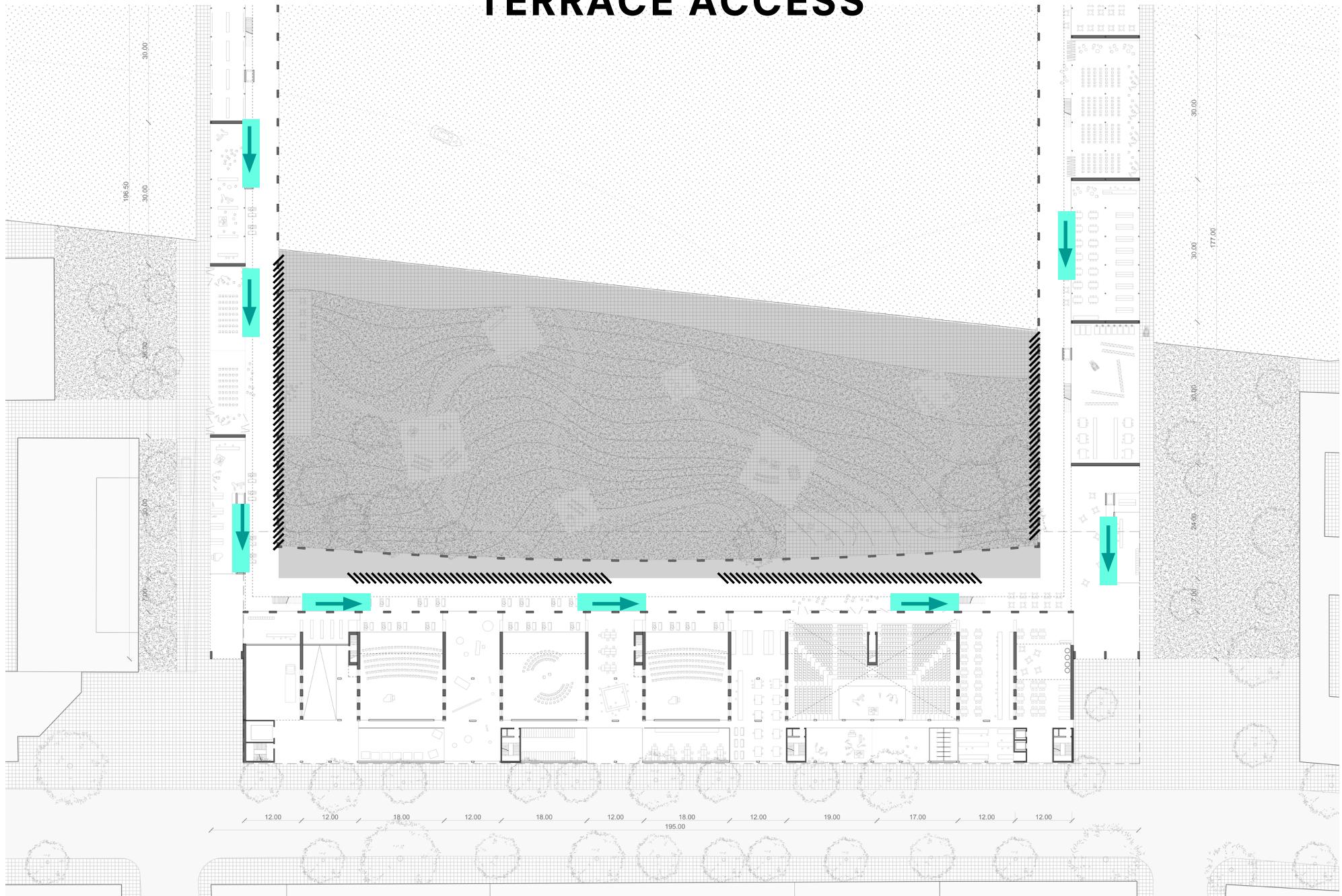
Implementation **ACCESS**



Implementation
EVENT ARRANGEMENT

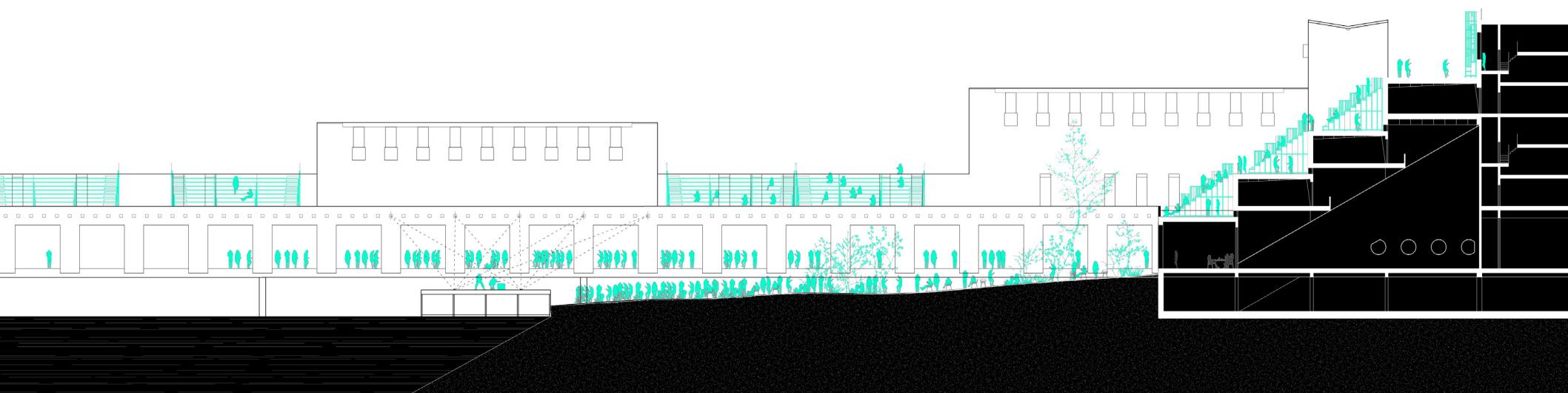


Implementation
TERRACE ACCESS



Implementation

VESSEL OF **LIVE** EVENTS

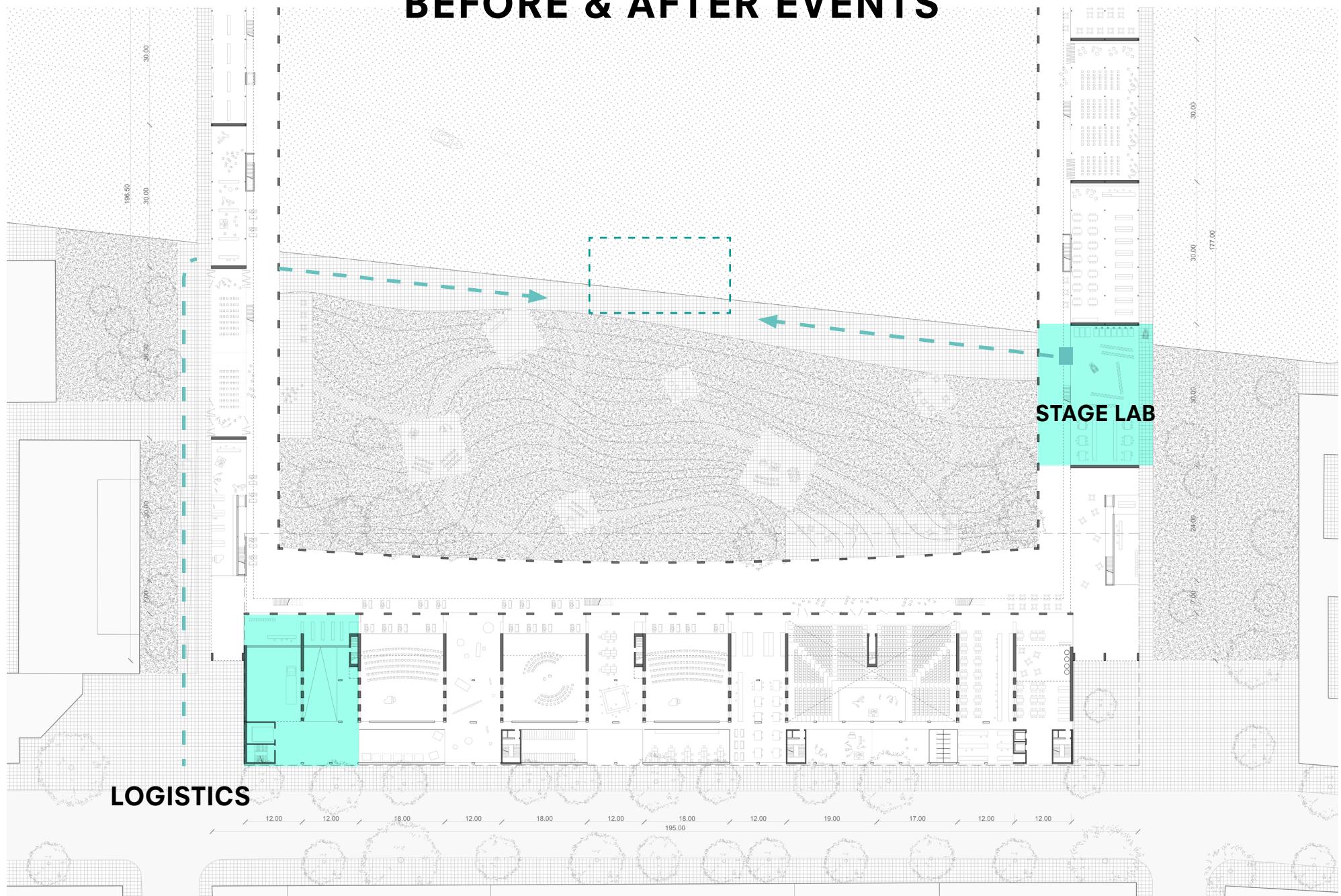


Implementation



Implementation

BEFORE & AFTER EVENTS



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

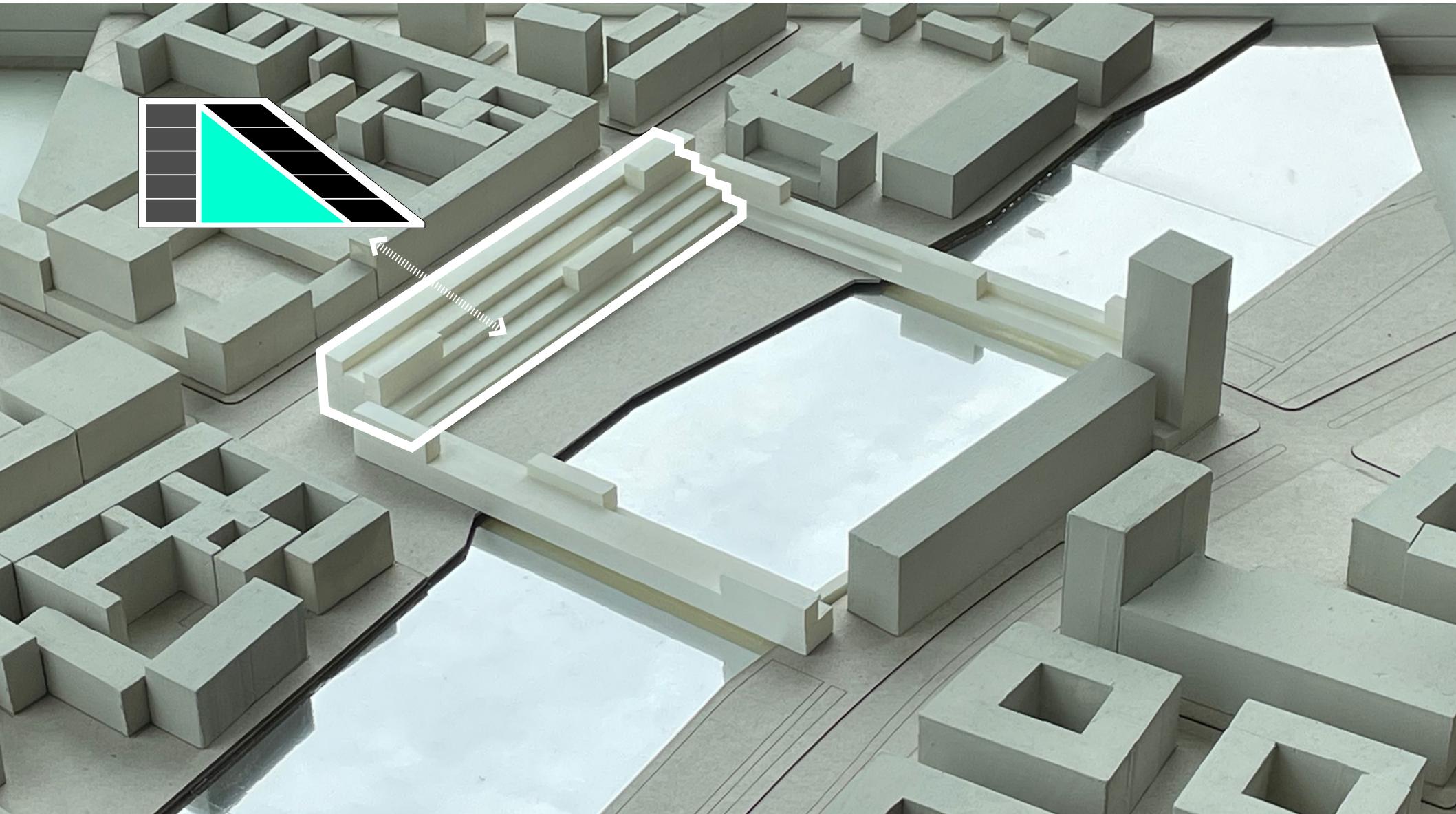
BRIDGE

LIVE VESSEL

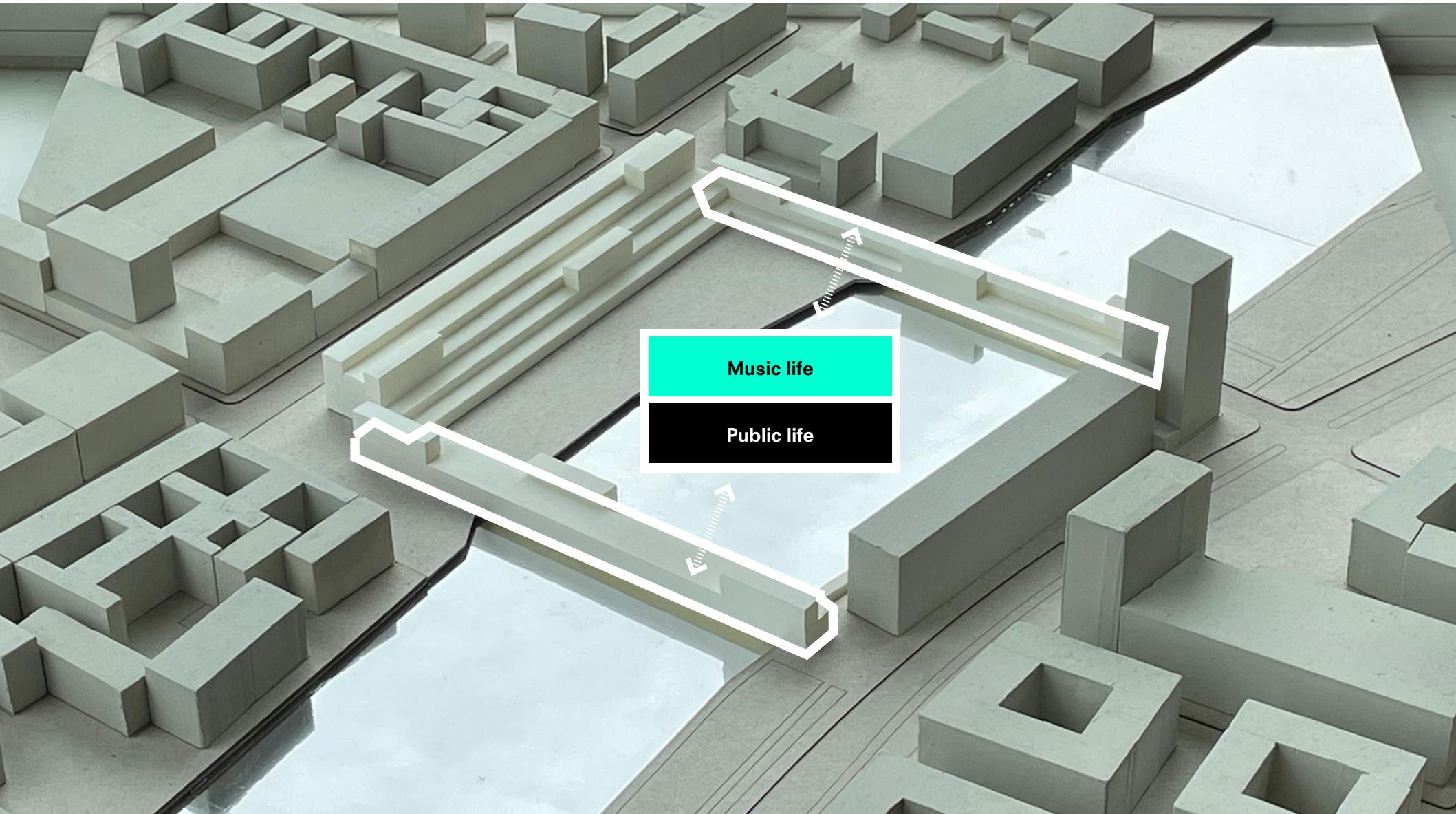
LIVE WITH MUSIC

ENERGY INFRASTRUCTURE

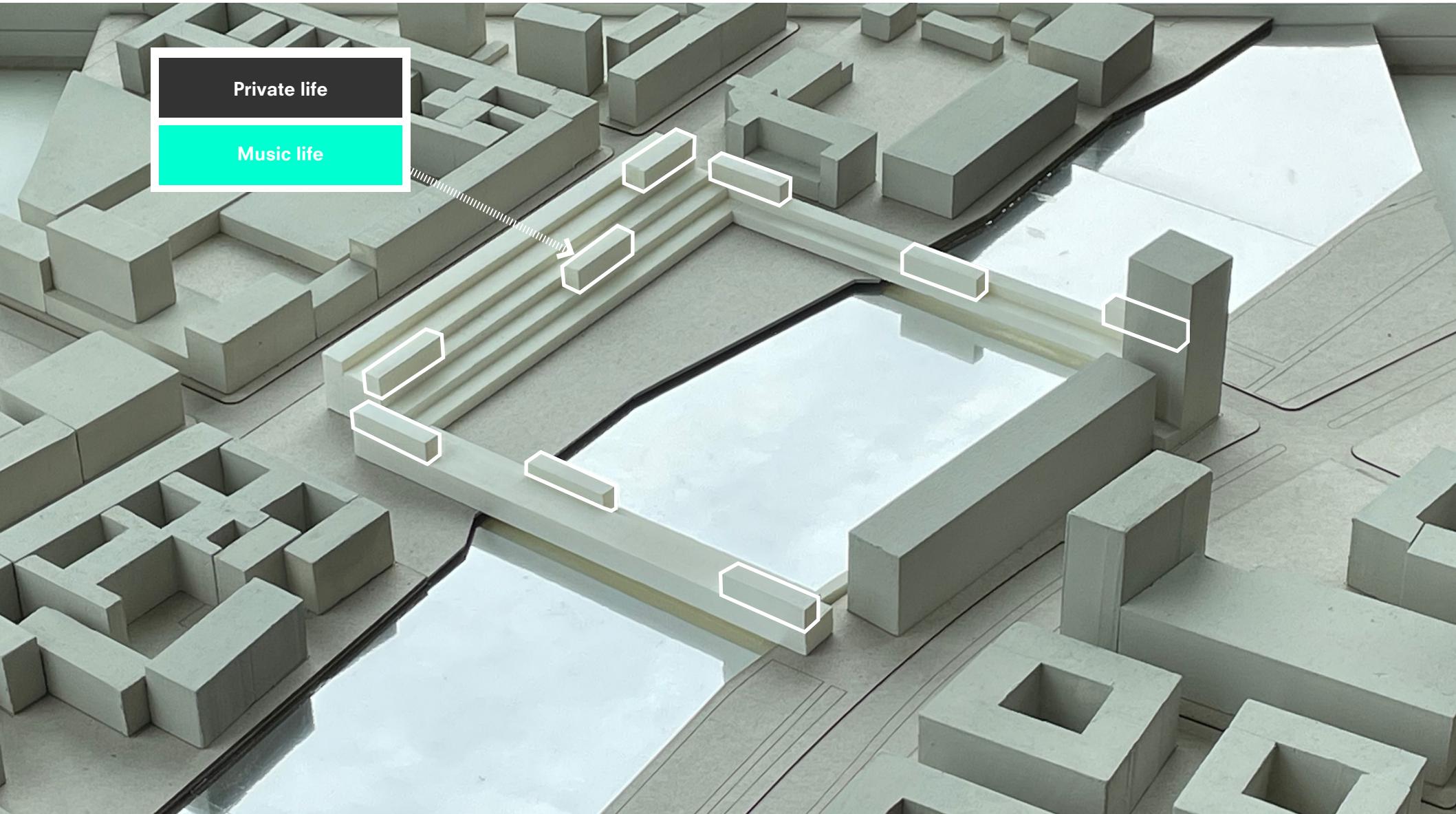
BRIDGE PRIVATE LIFE & MUSIC LIFE



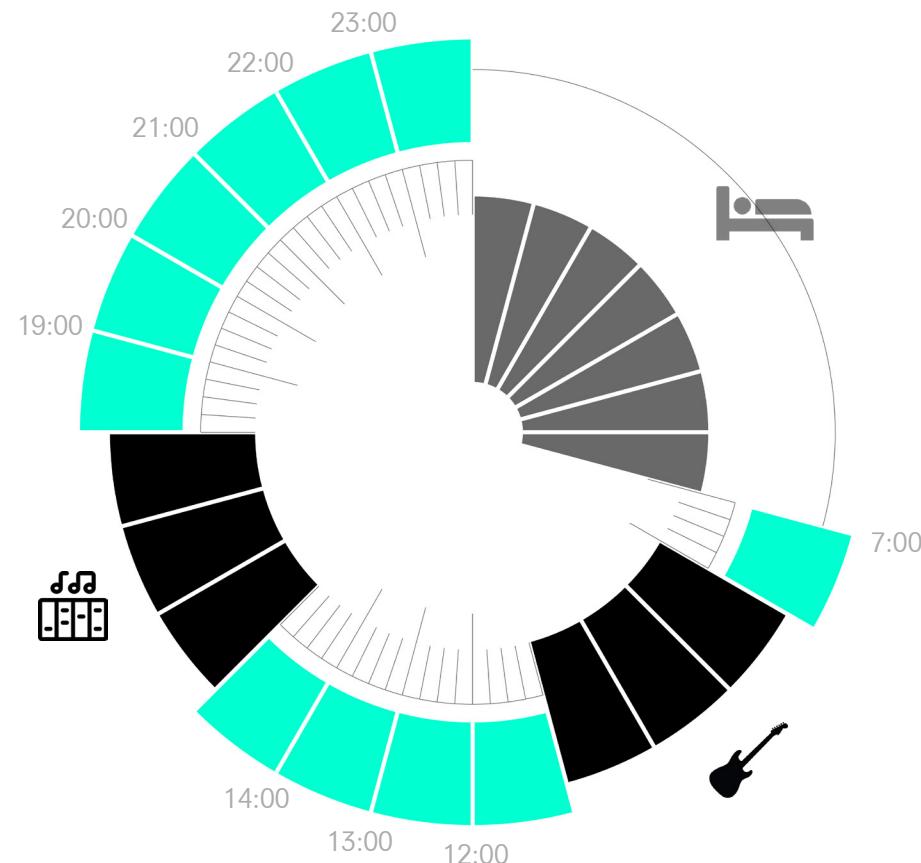
BRIDGE PUBLIC LIFE & MUSIC LIFE



EXTERNAL MUSICIANS' STUDIOS



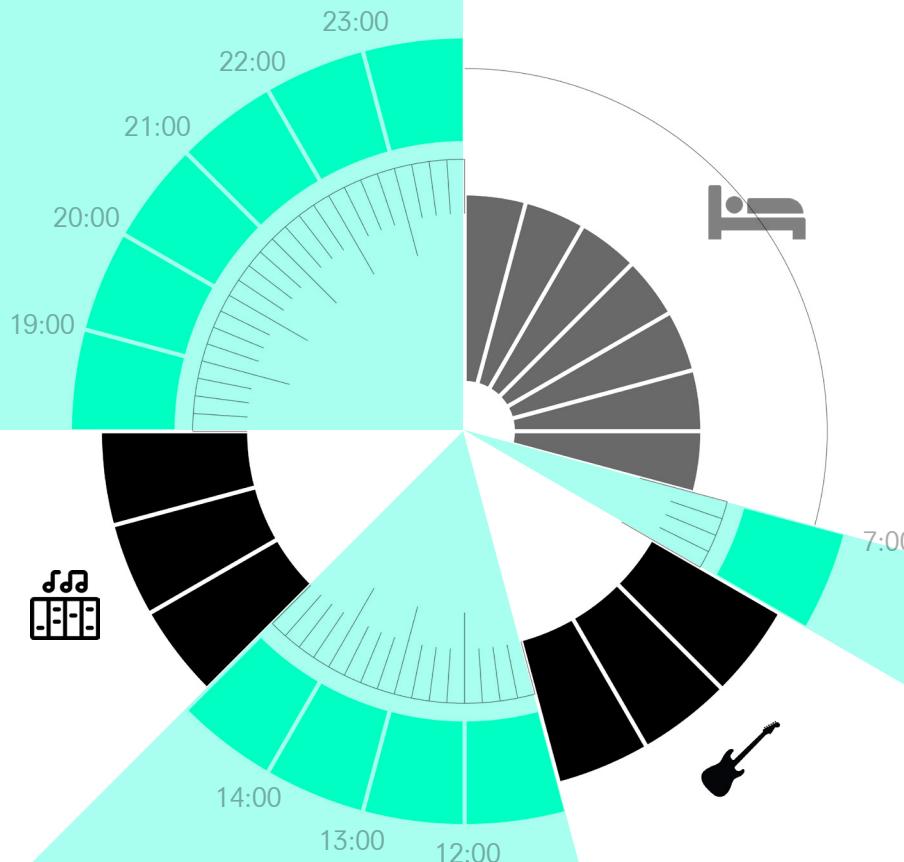
MUSIC LIFE IN CLASSROOM



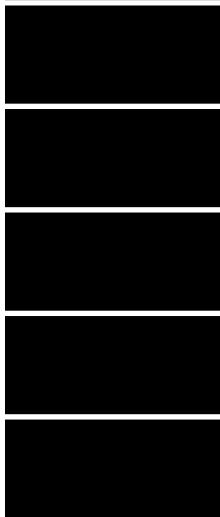
MUSIC LIFE IN SPARE TIME



complex projects



BRIDGE PRIVATE LIFE & MUSIC LIFE

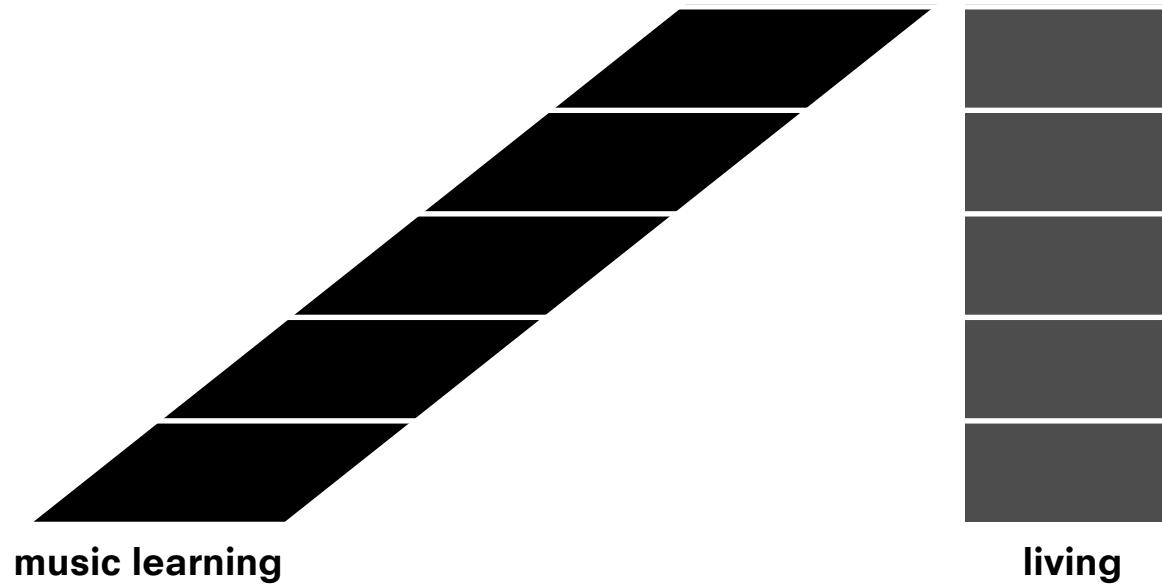


music learning

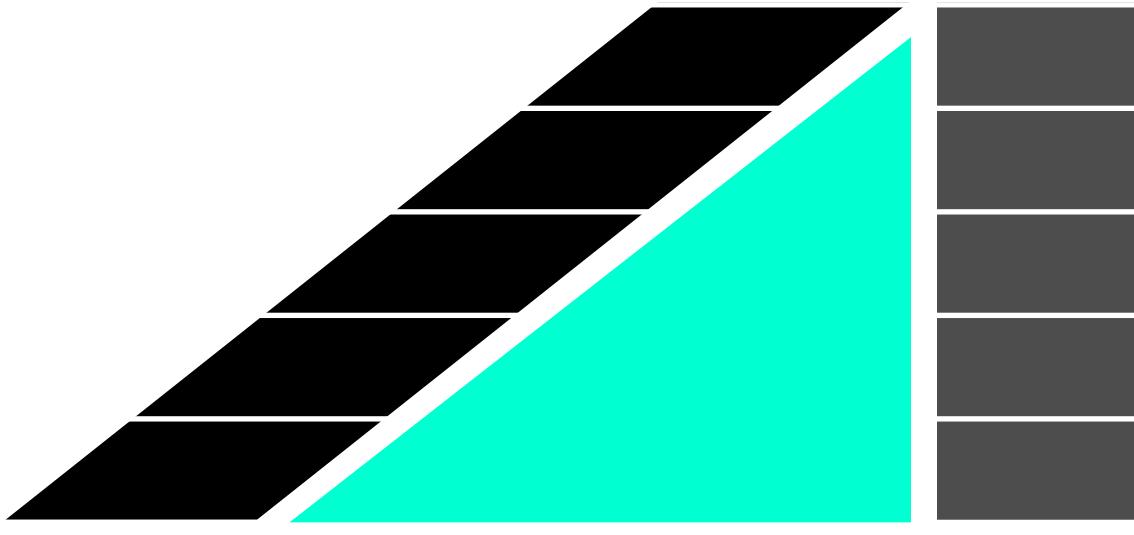


living

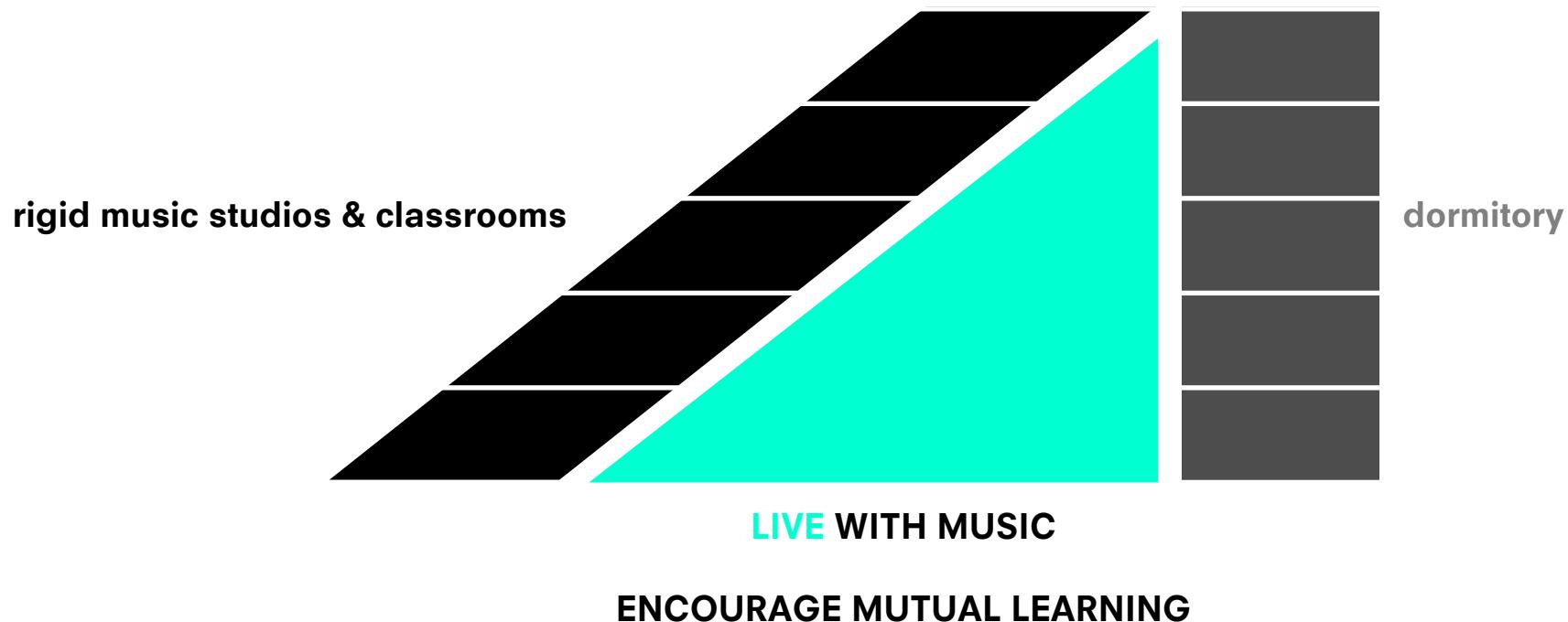
BRIDGE PRIVATE LIFE & MUSIC LIFE



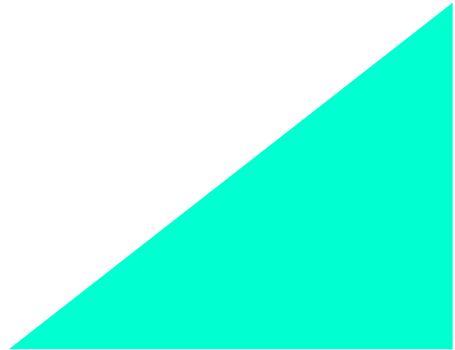
BRIDGE PRIVATE LIFE & MUSIC LIFE



BRIDGE PRIVATE LIFE & MUSIC LIFE

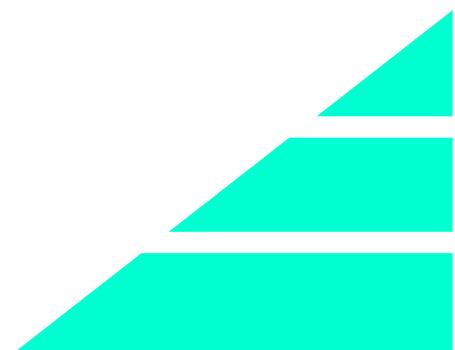


Implementation PROGRAM



“music living room”

presenting
sharing
entertaining
mutual learning

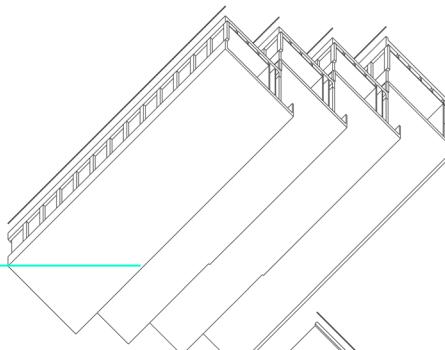


“music kitchen”

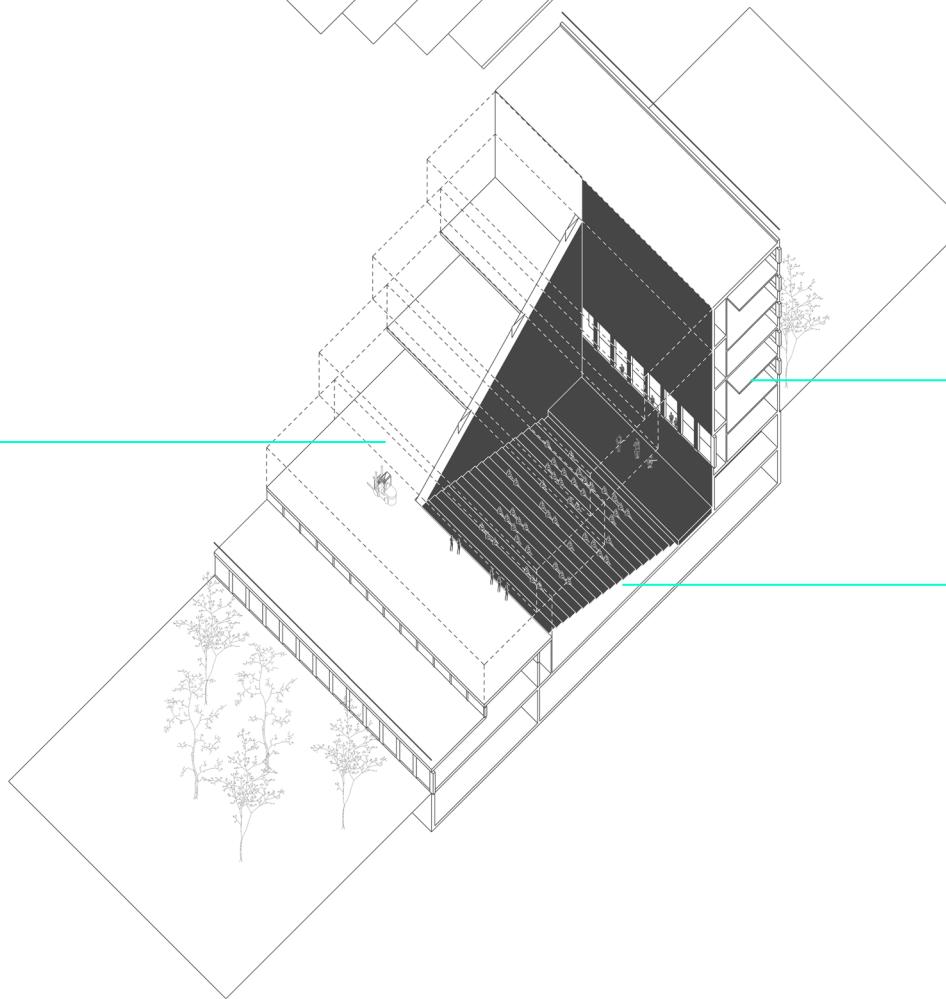
producing
mutual learning

Implementation
SPATIAL UNIT

music studio



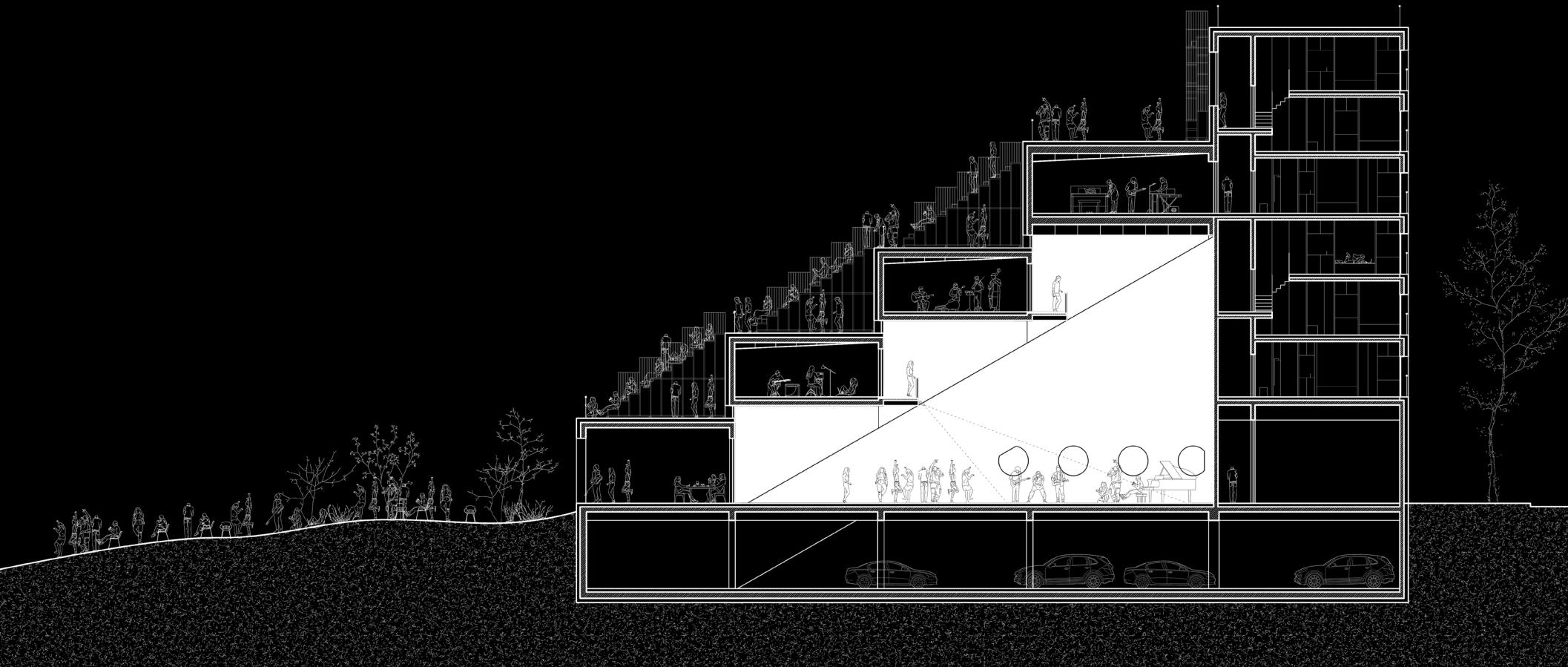
music kitchen



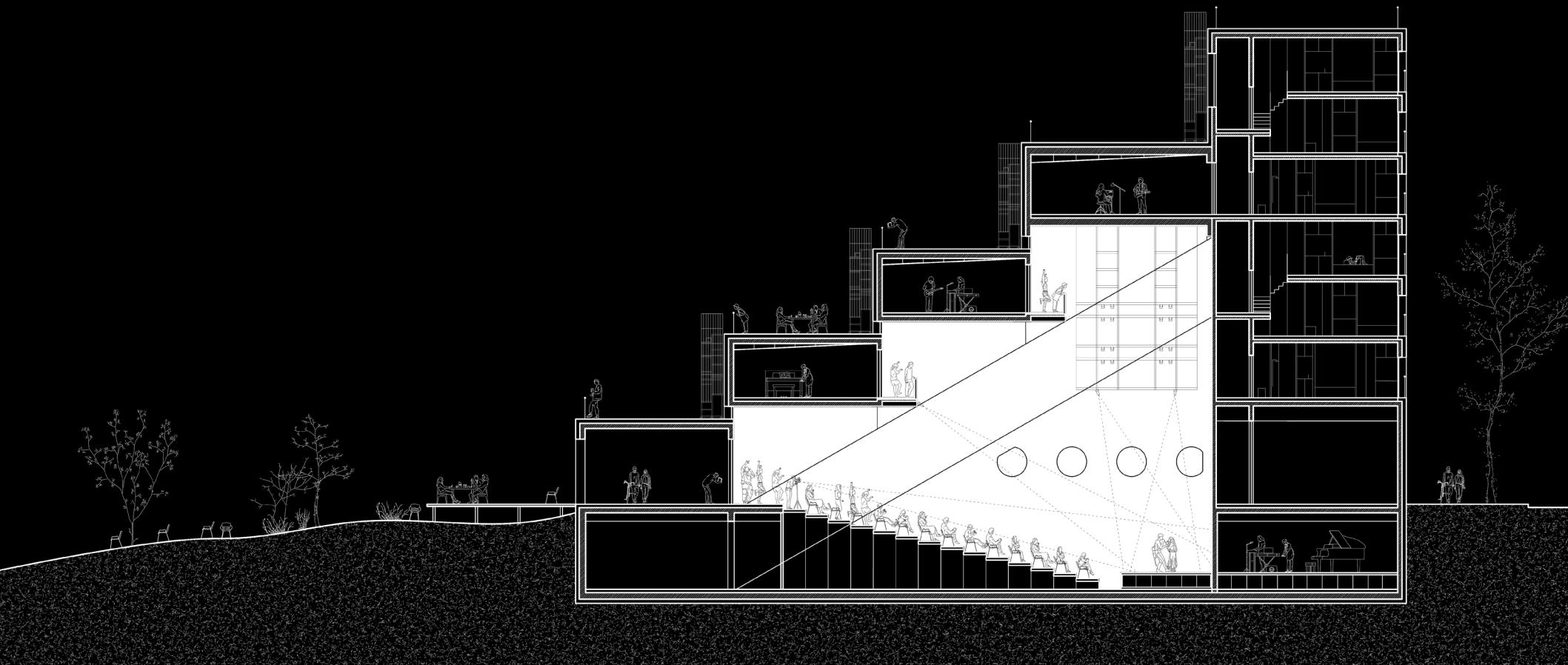
dormitory

music living room

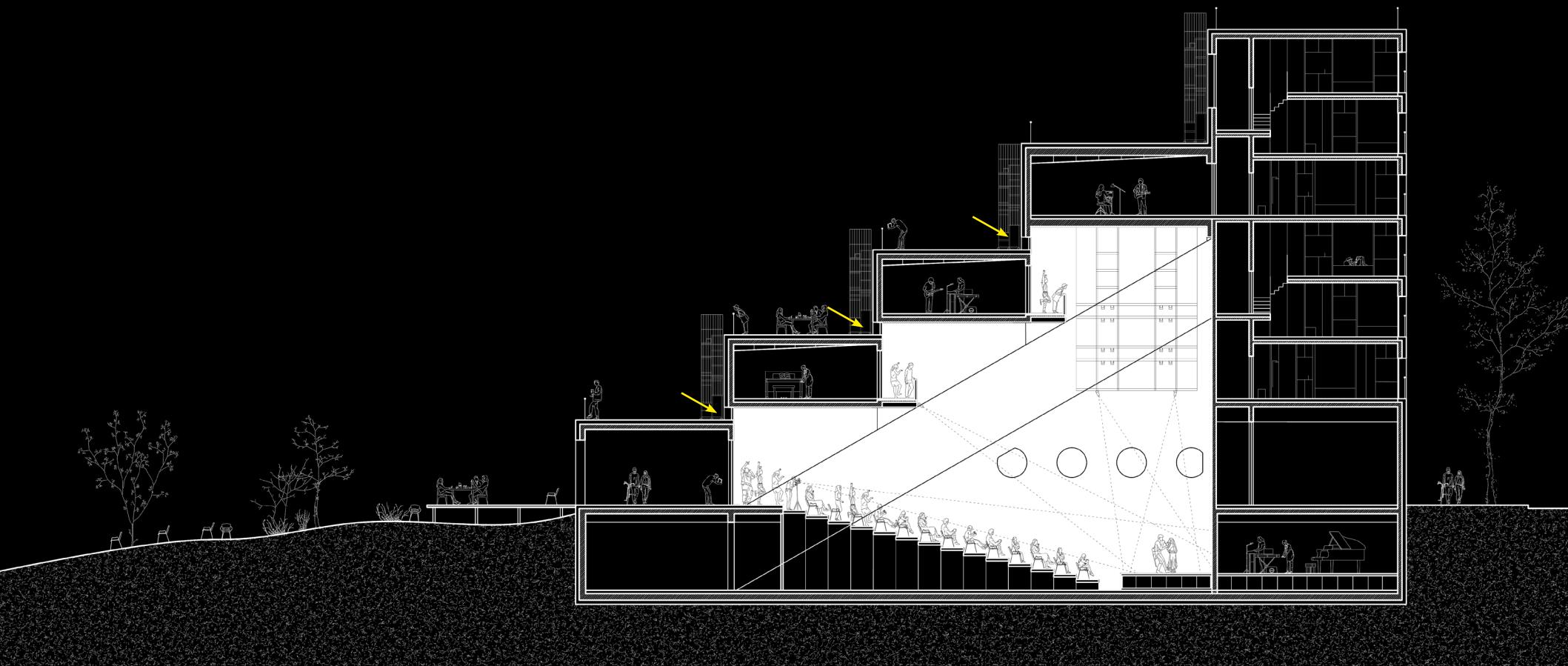
"MUSIC LIVING ROOM"



"MUSIC LIVING ROOM"



DAYLIGHT



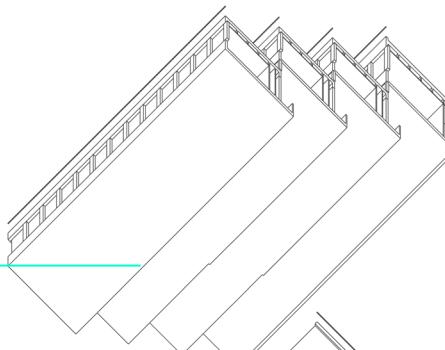
Implementation

MUSIC LIVING ROOM

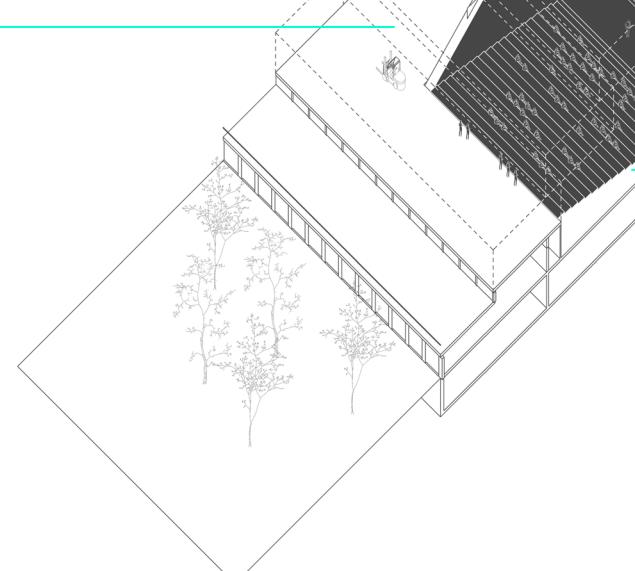


Implementation

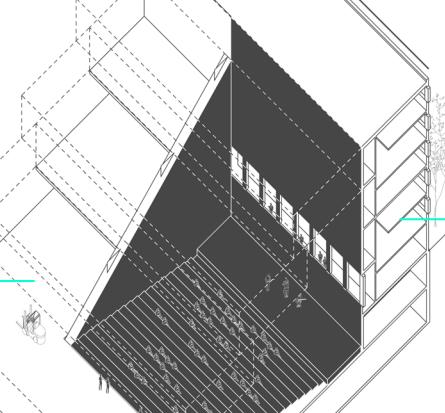
music studio



music kitchen

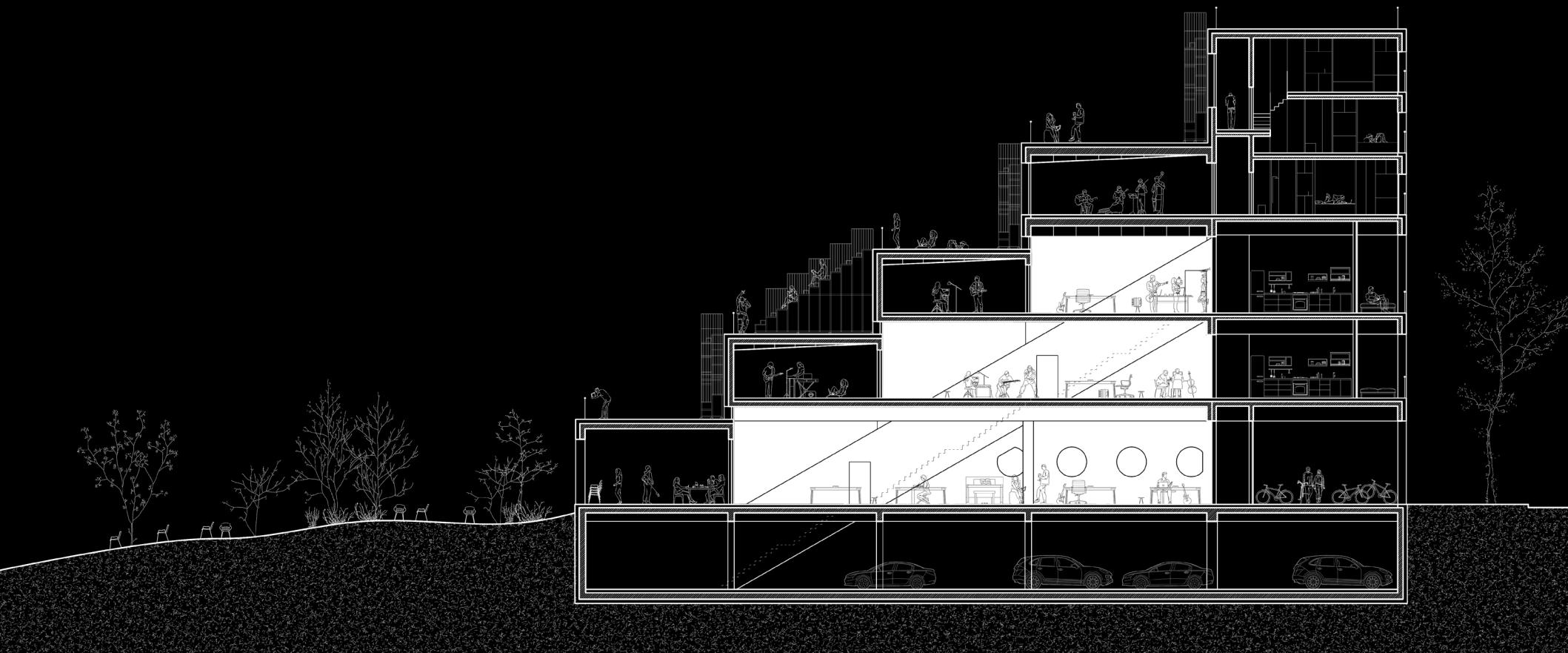


dormitory

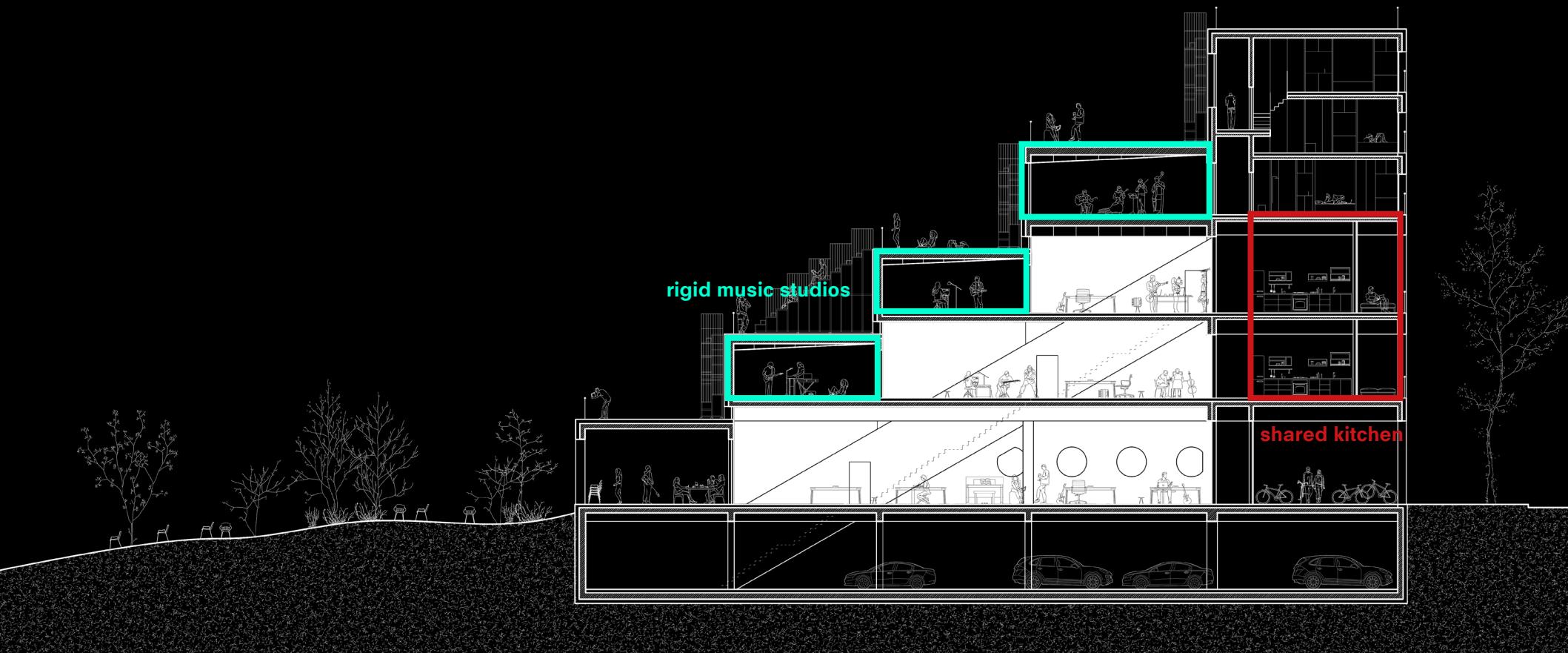


music living room

“MUSIC KITCHEN”



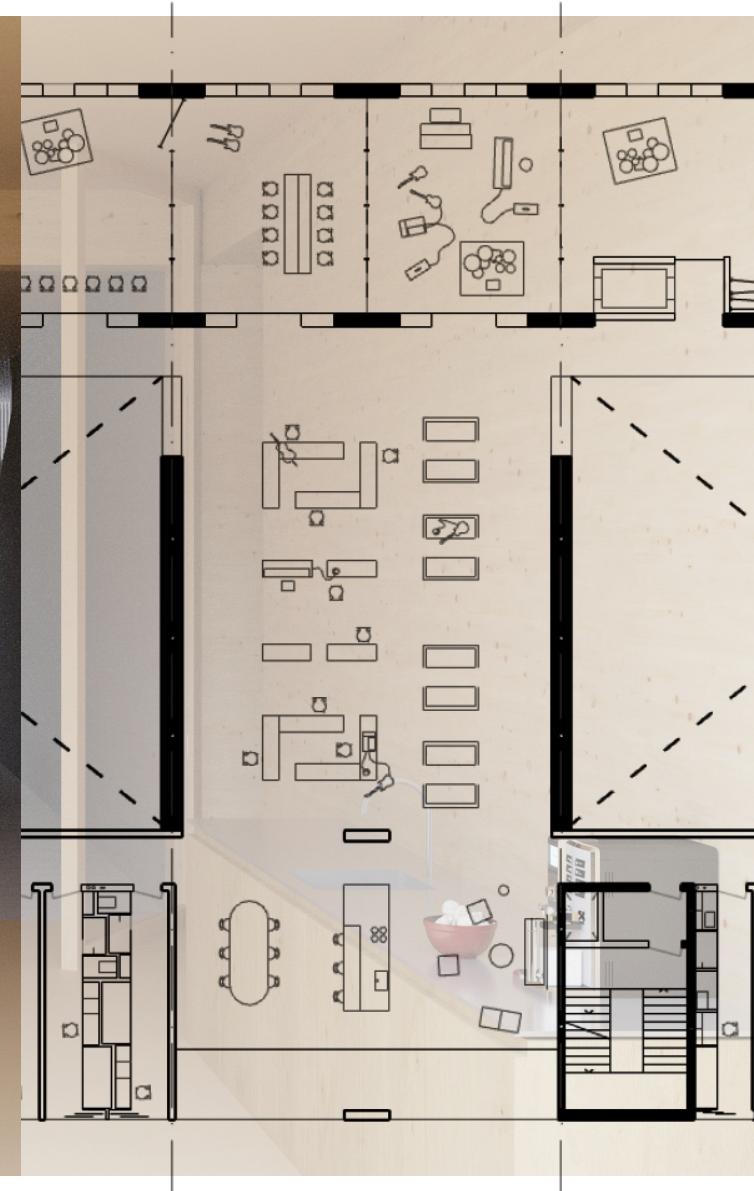
“MUSIC KITCHEN”



Implementation
“MUSIC KITCHEN”

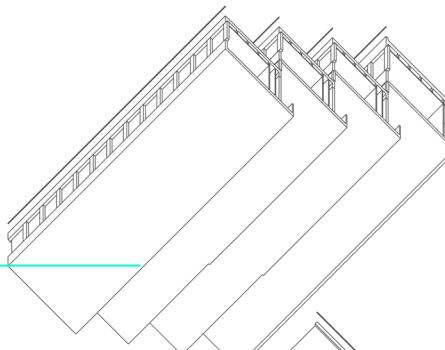


Implementation
“MUSIC KITCHEN”

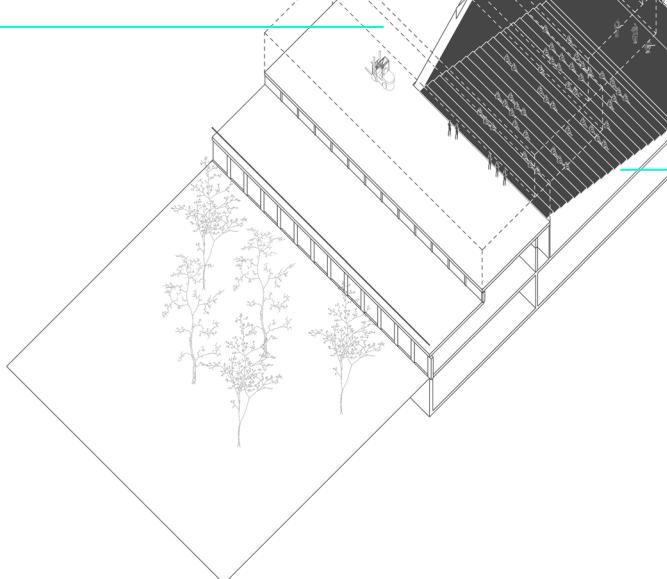


Implementation

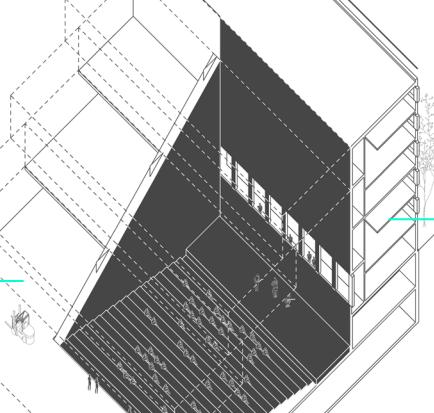
music studio



music kitchen

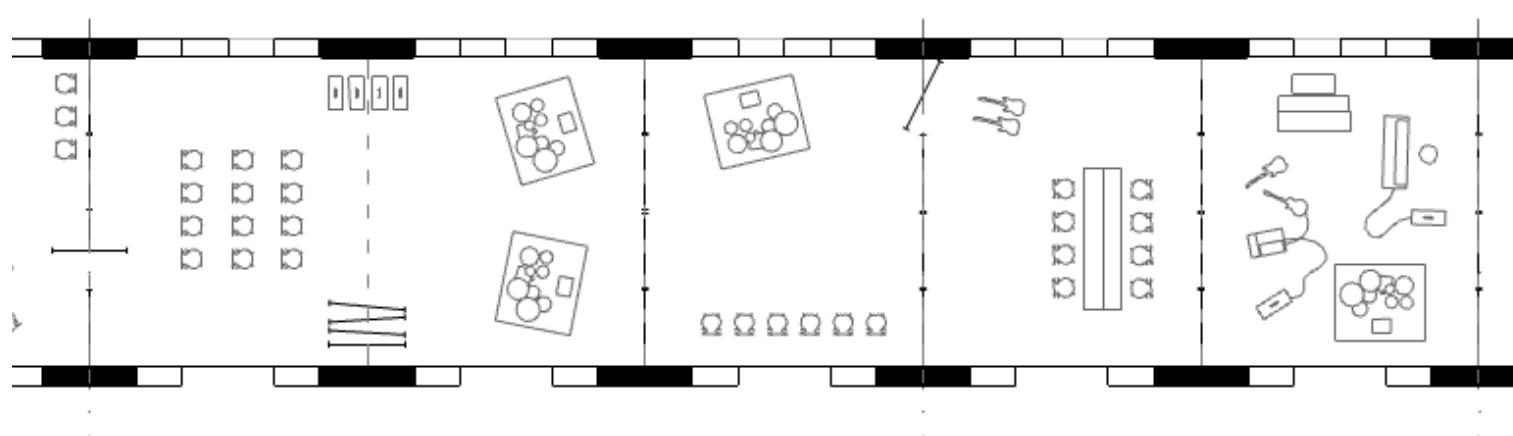


dormitory

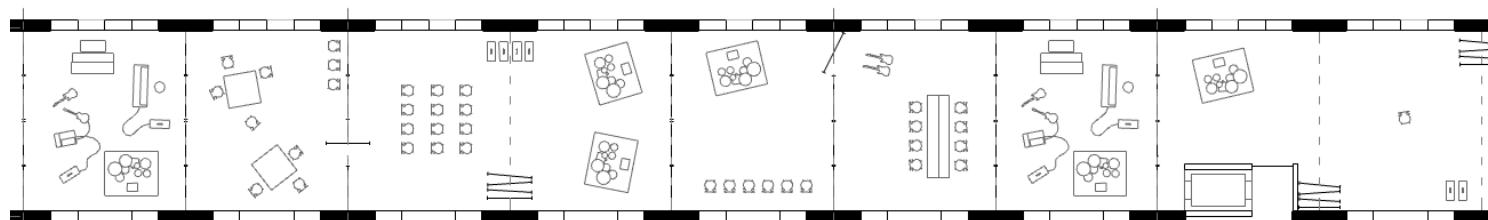


music living room

Implementation
MUSIC STUDIO

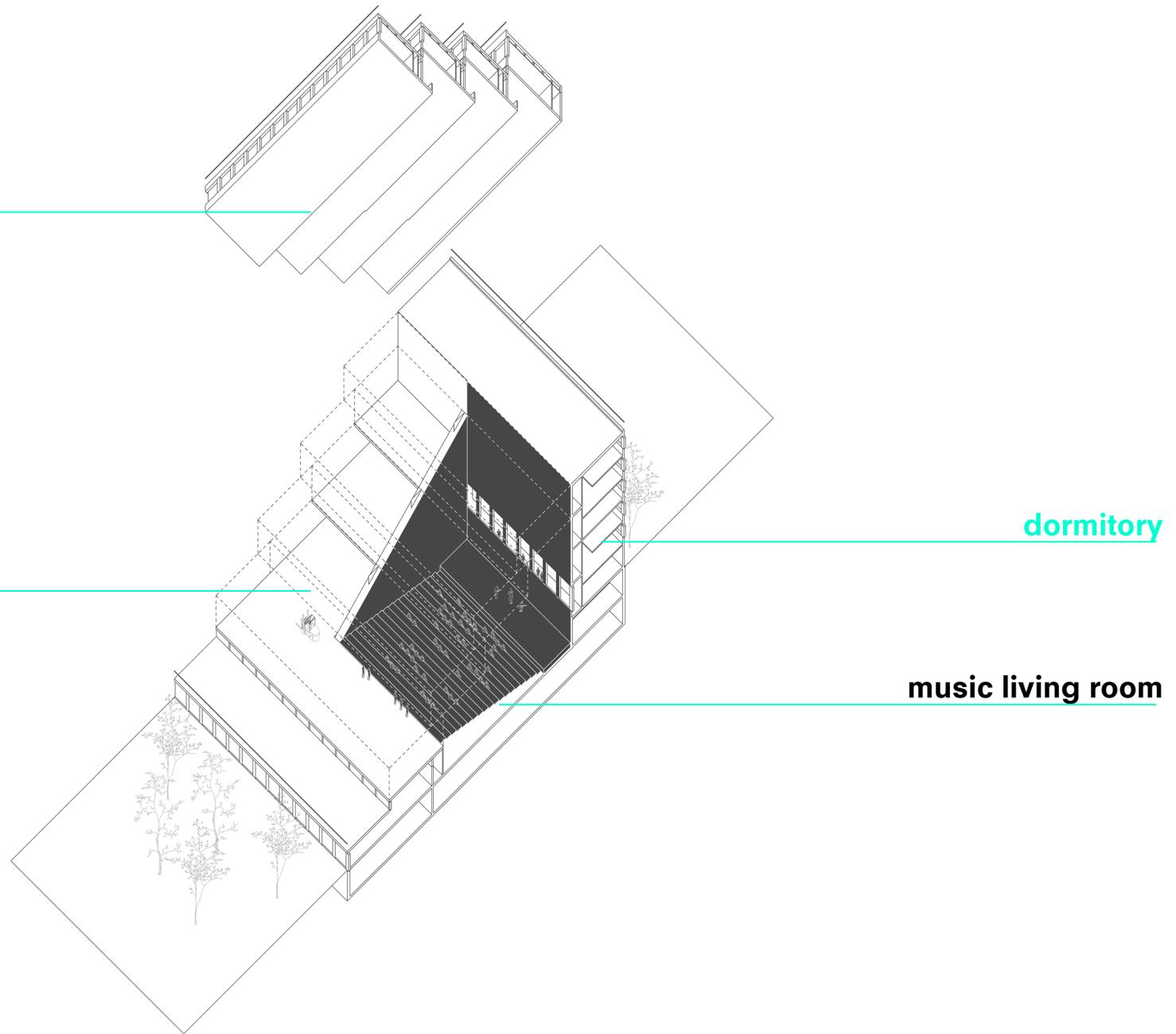


Implementation
MUSIC STUDIO

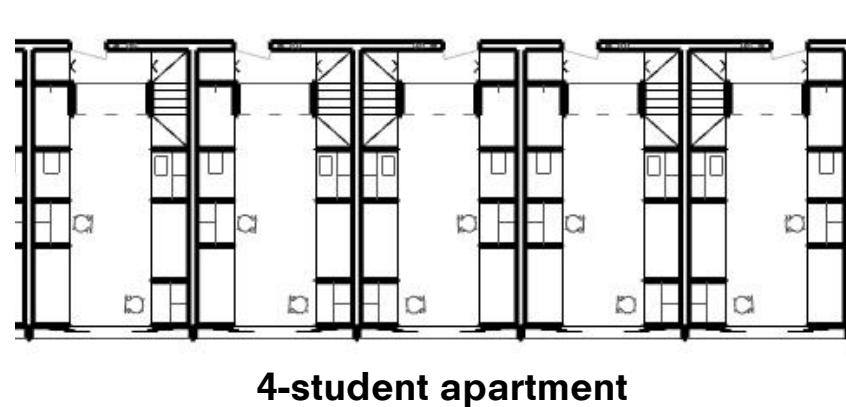
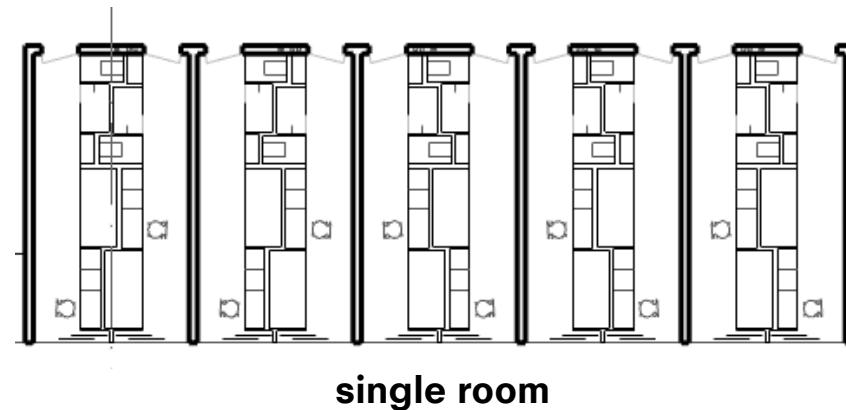


Implementation

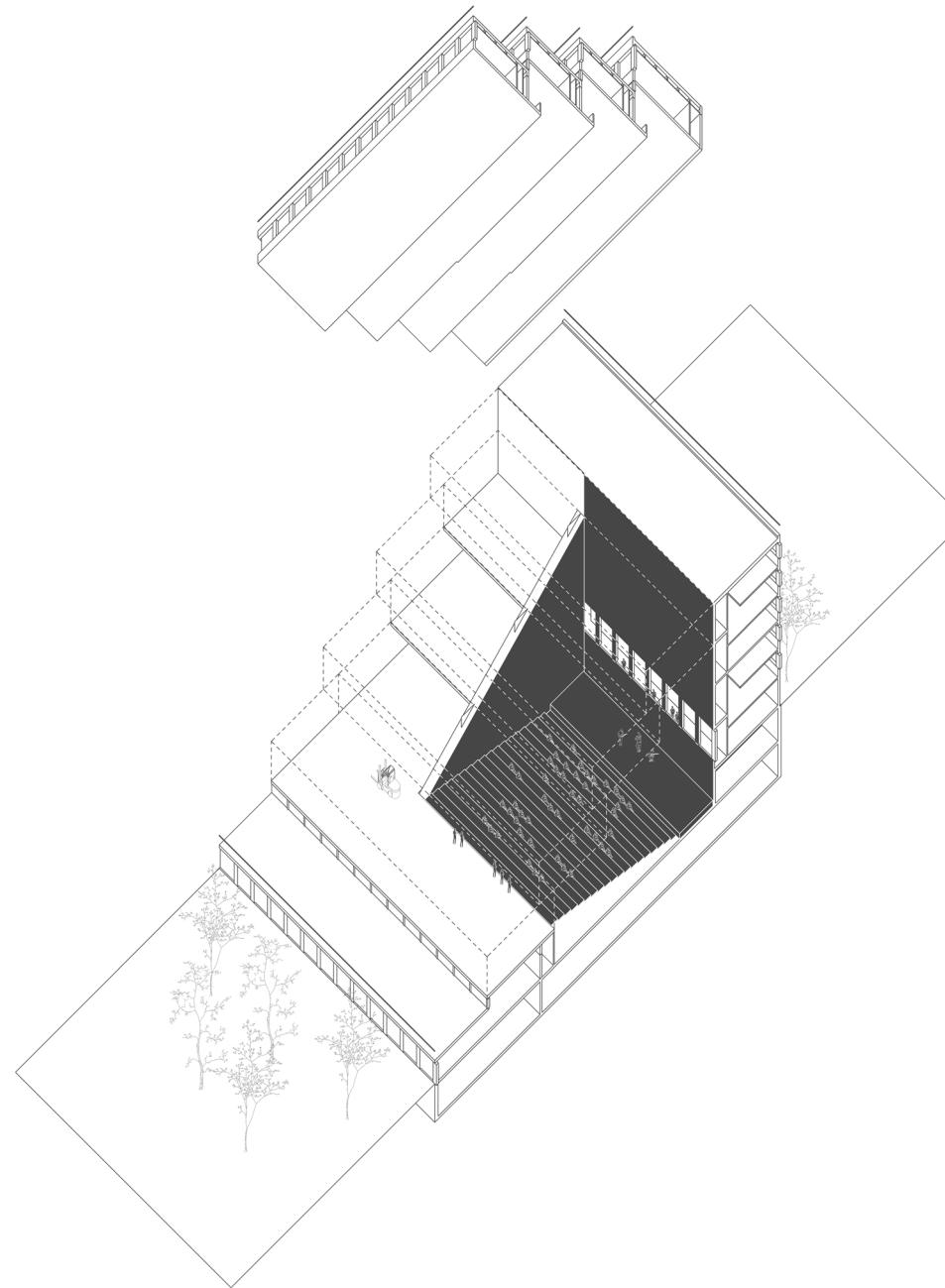
music studio



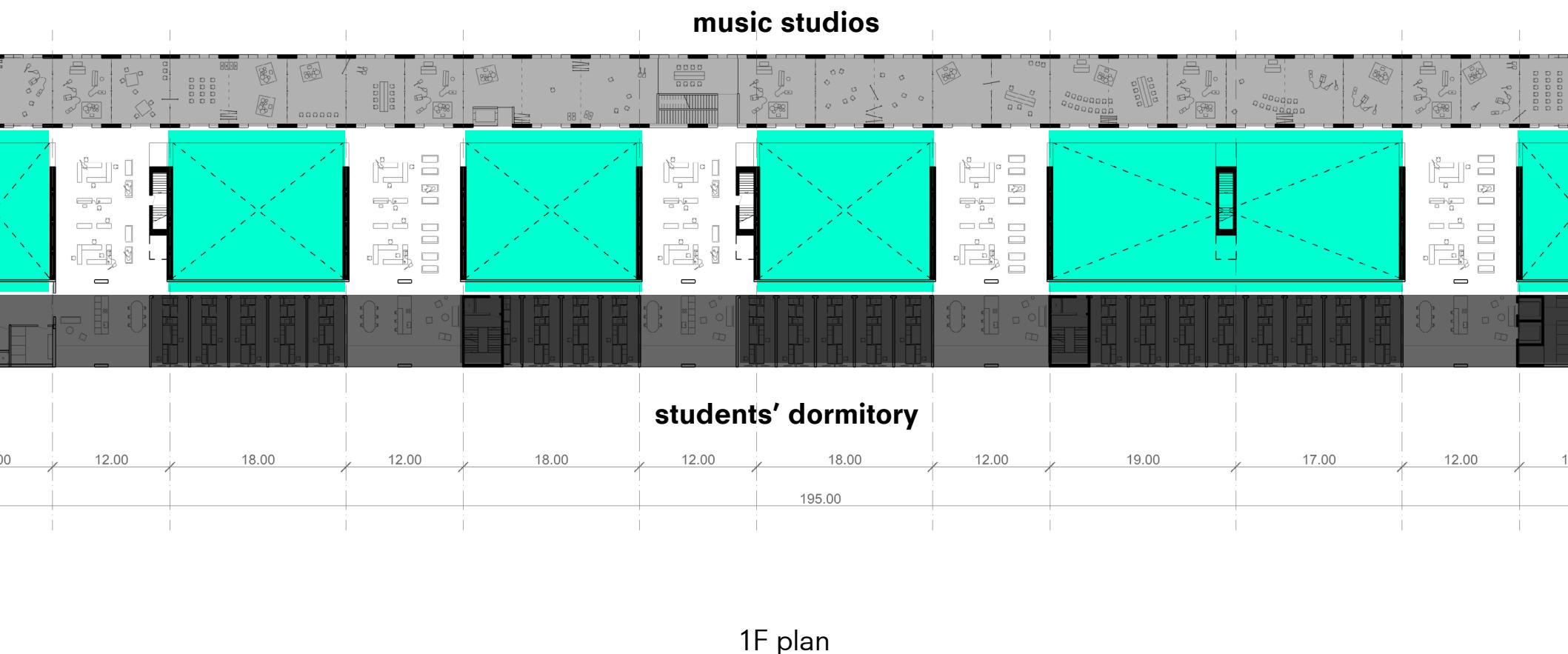
Implementation
DORMITORY



Implementation
SPATIAL UNIT

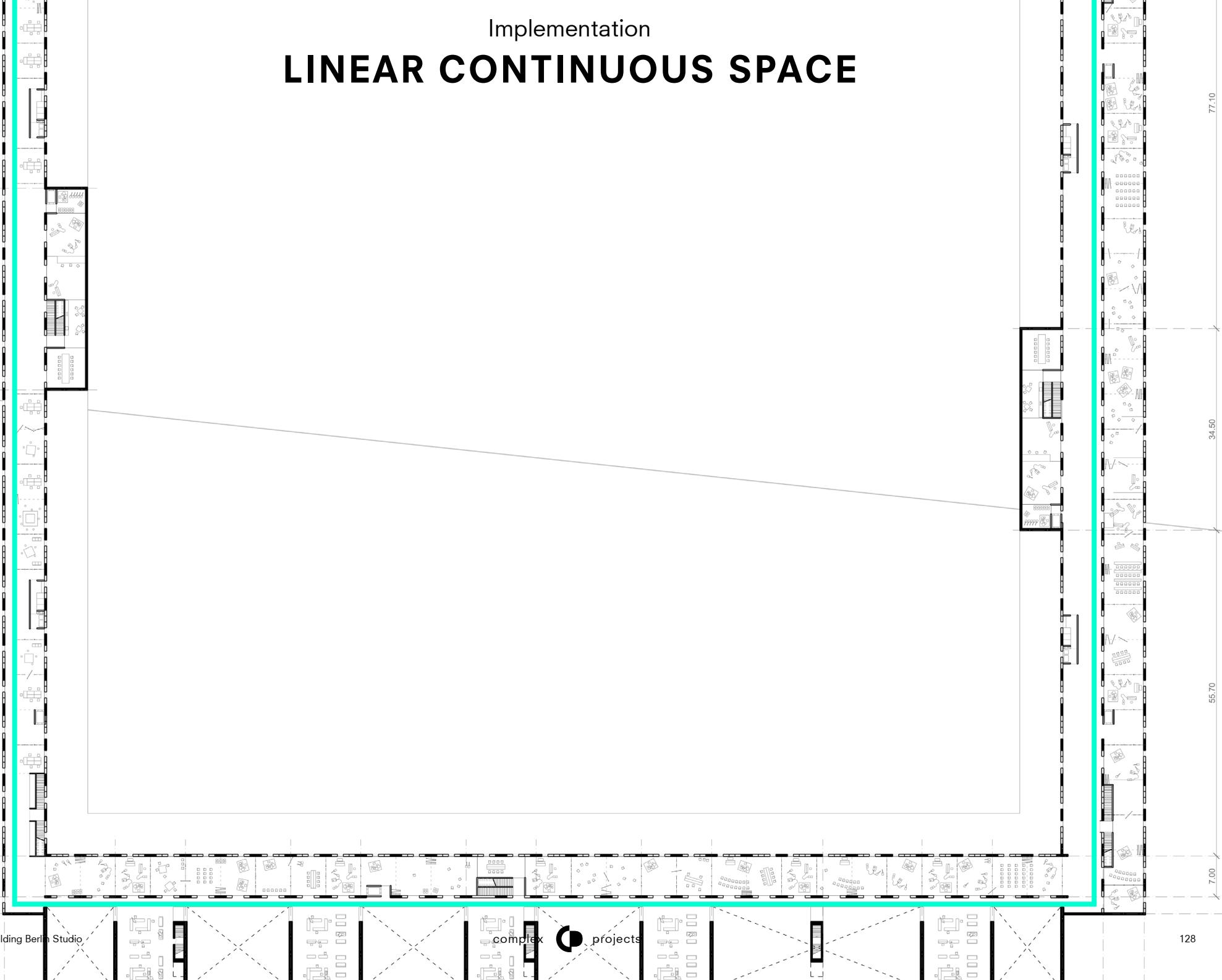


Implementation
CONFIGURATION

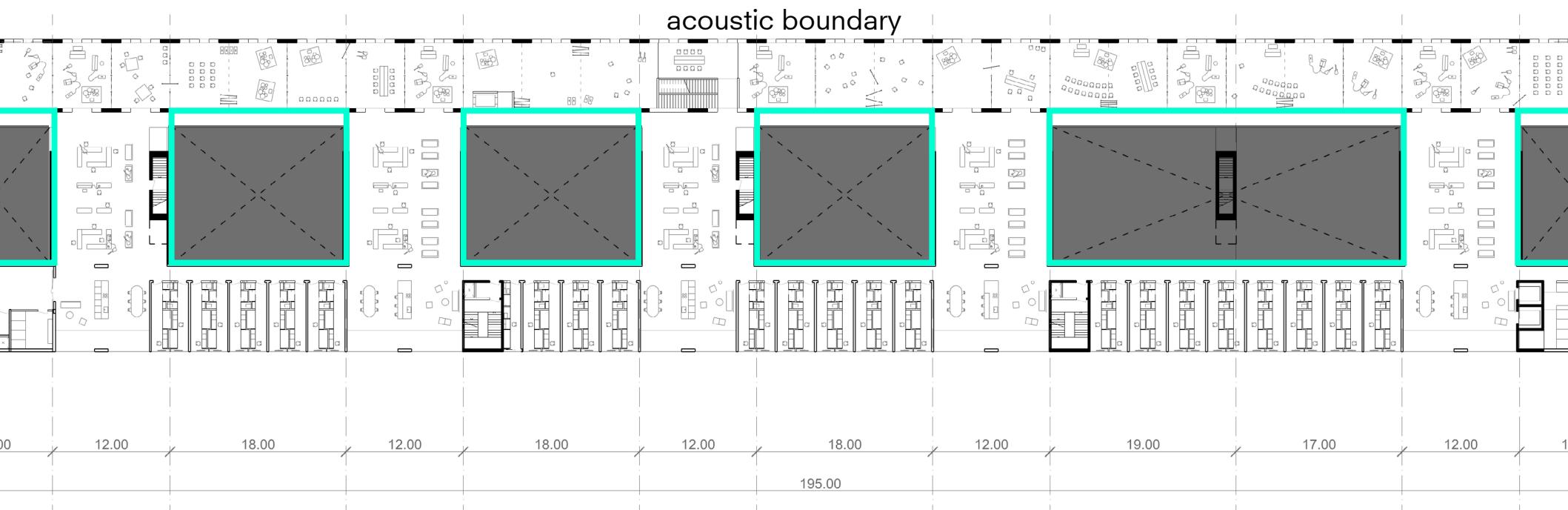


Implementation

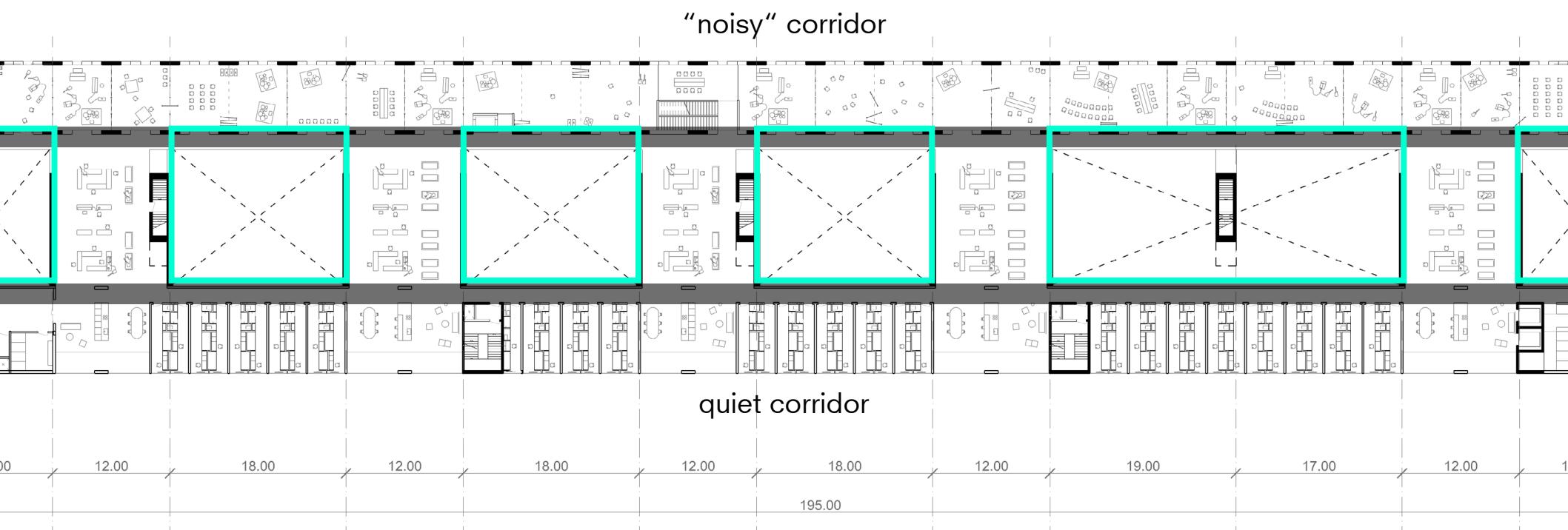
LINEAR CONTINUOUS SPACE



Implementation
ACOUSTIC INSULATION



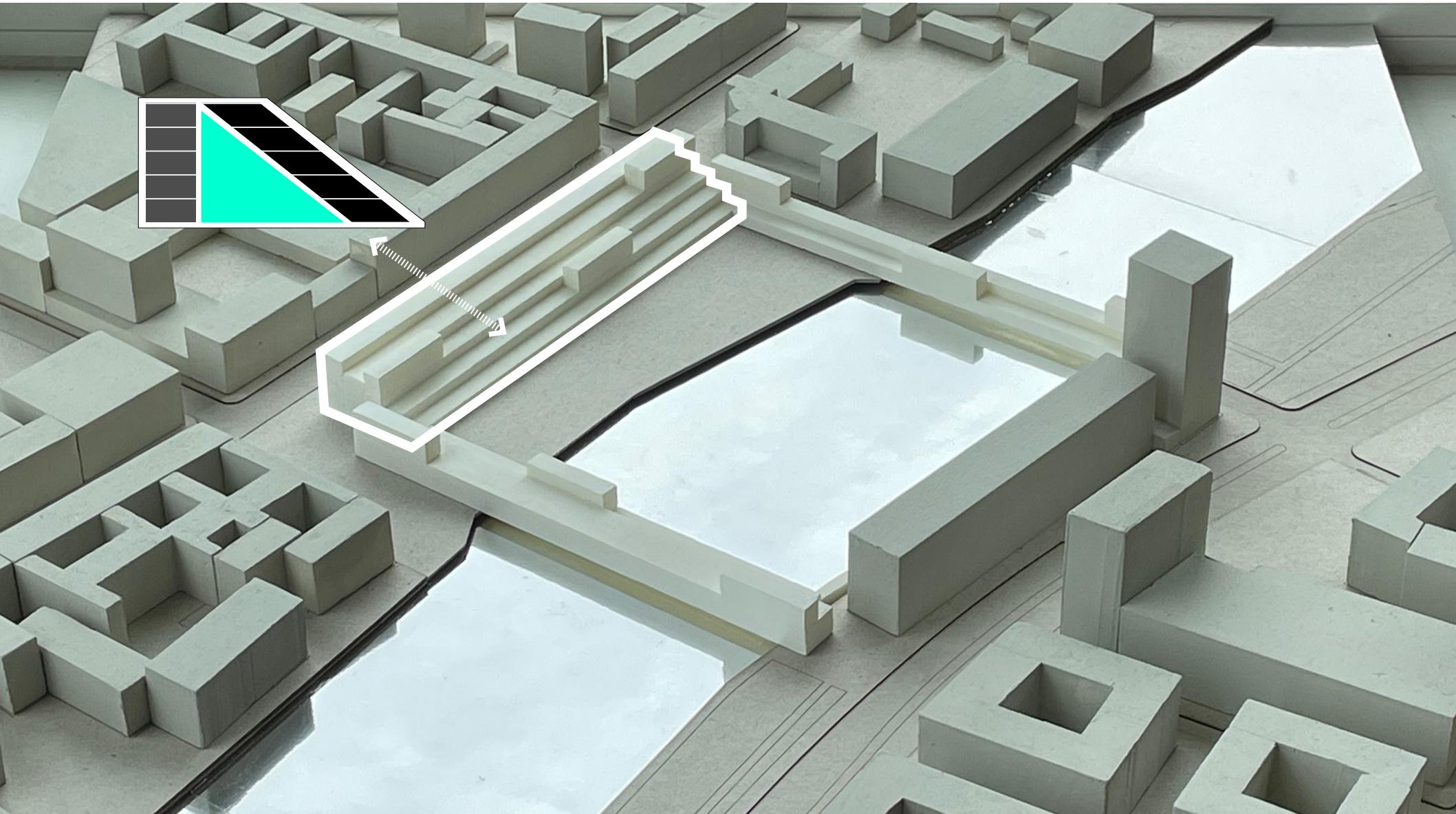
Implementation



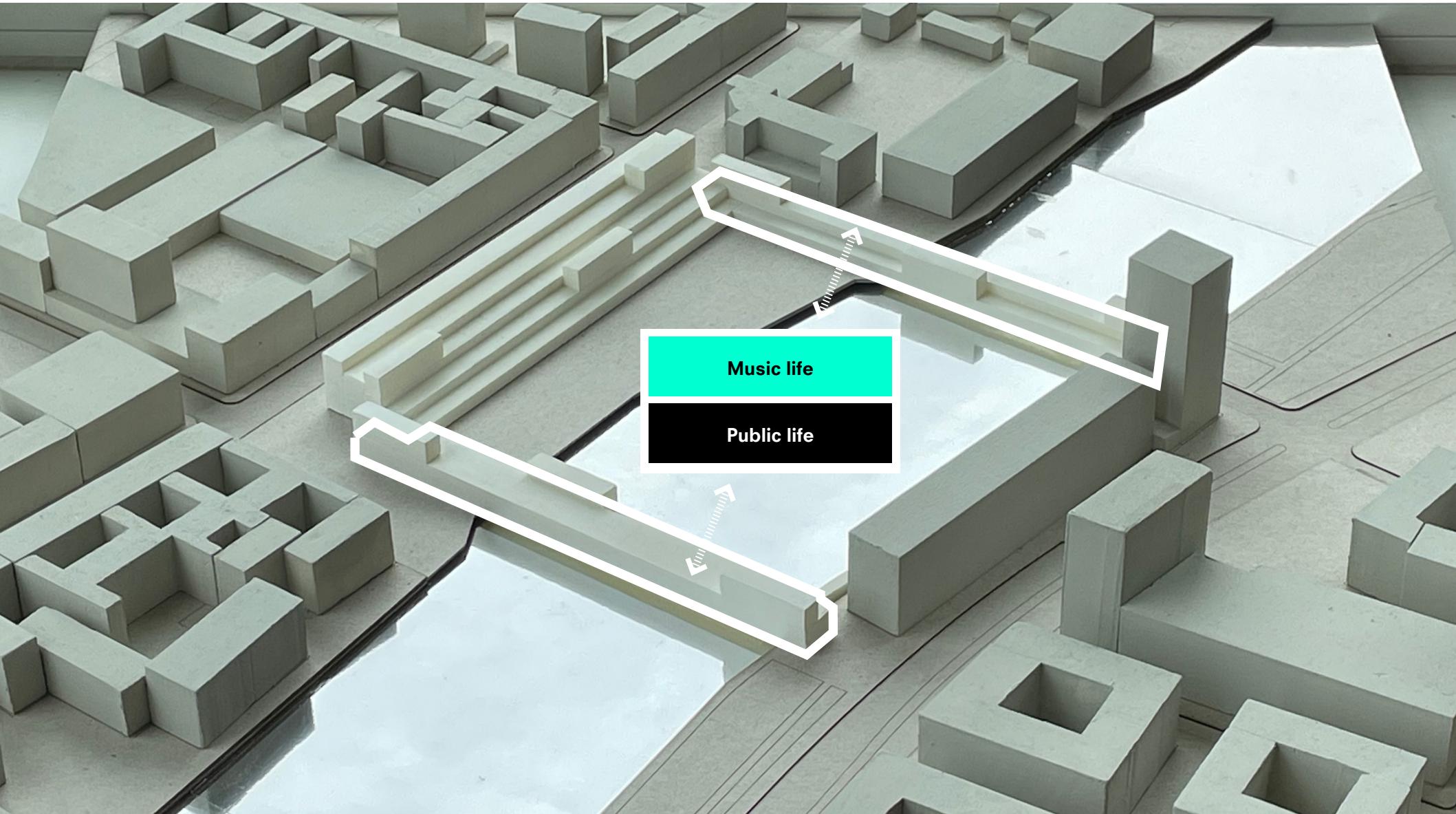
Implementation



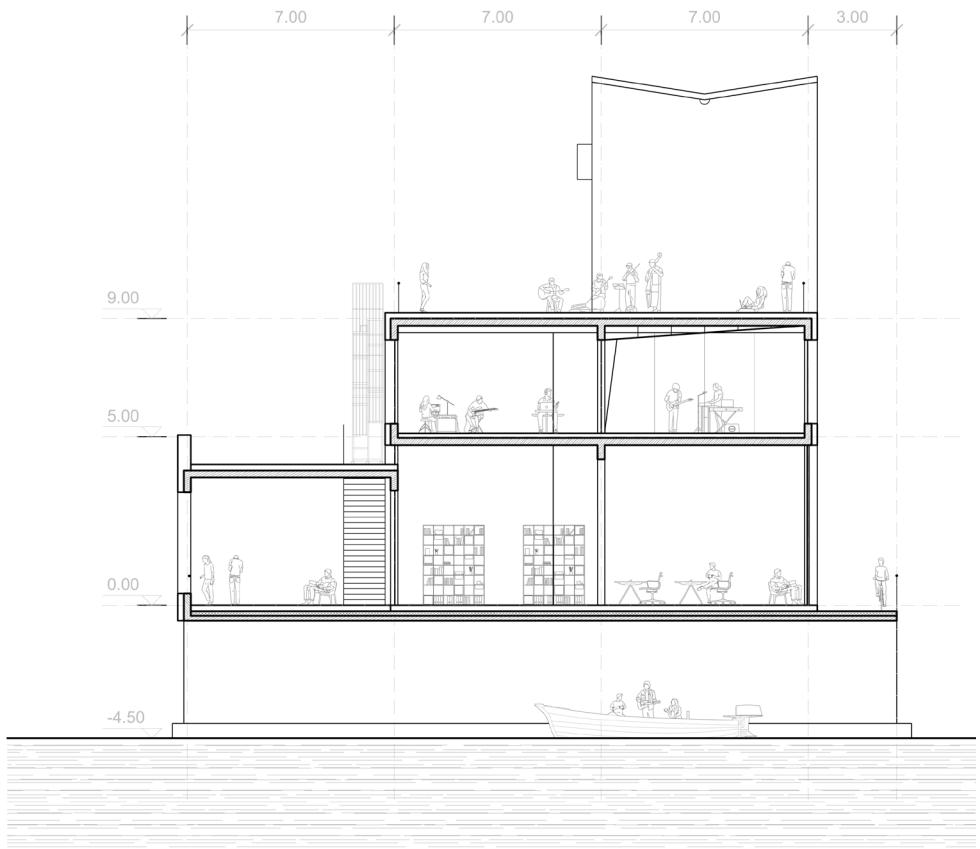
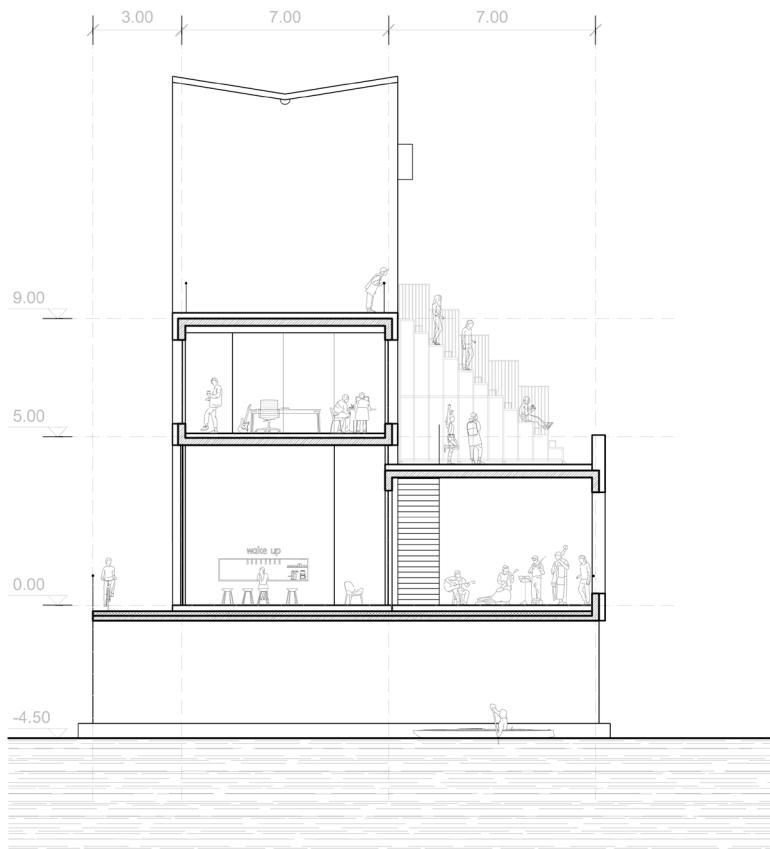
BRIDGE PRIVATE LIFE & MUSIC LIFE



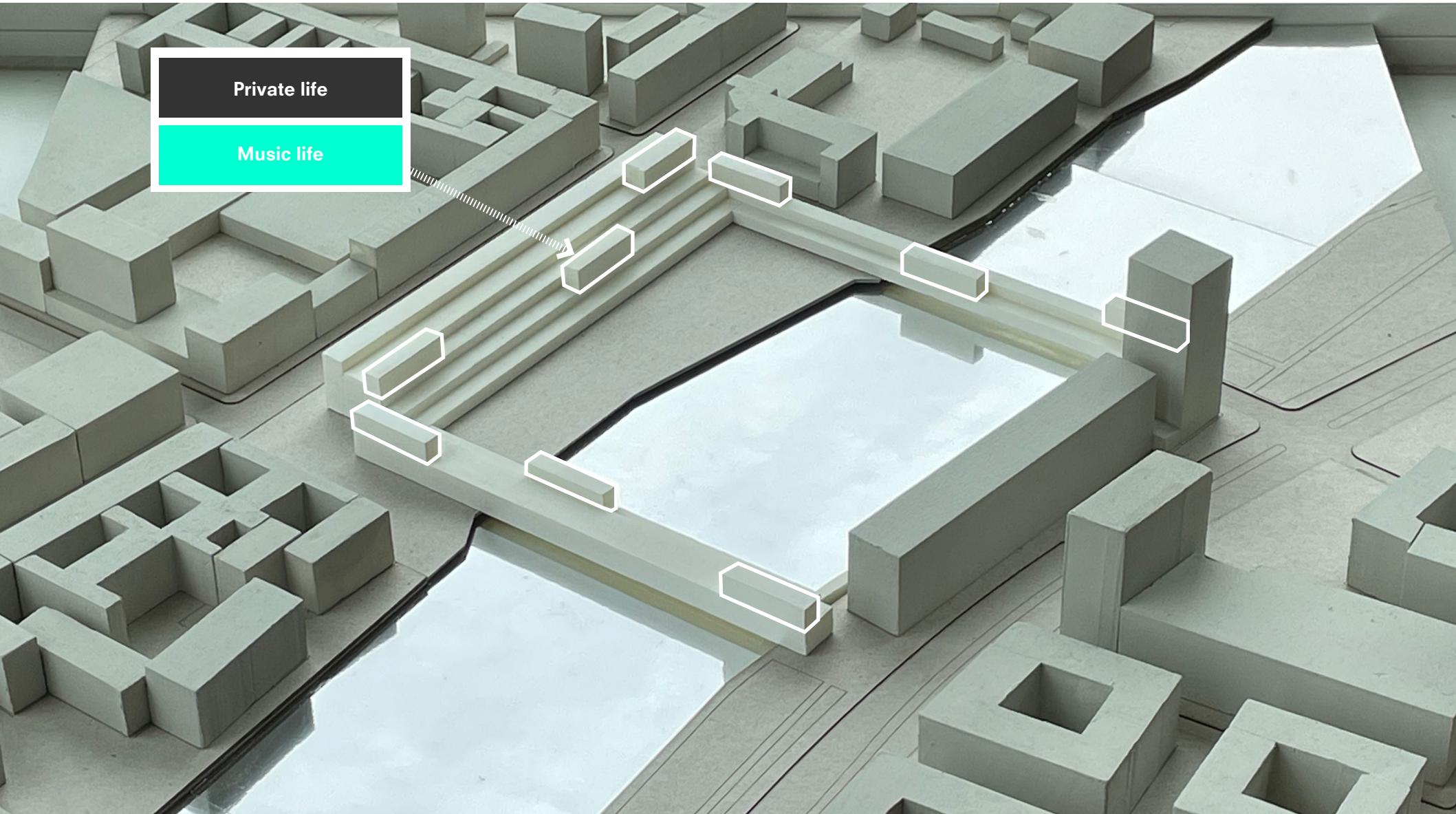
BRIDGE PUBLIC LIFE & MUSIC LIFE



Implementation
BRIDGE SPACE

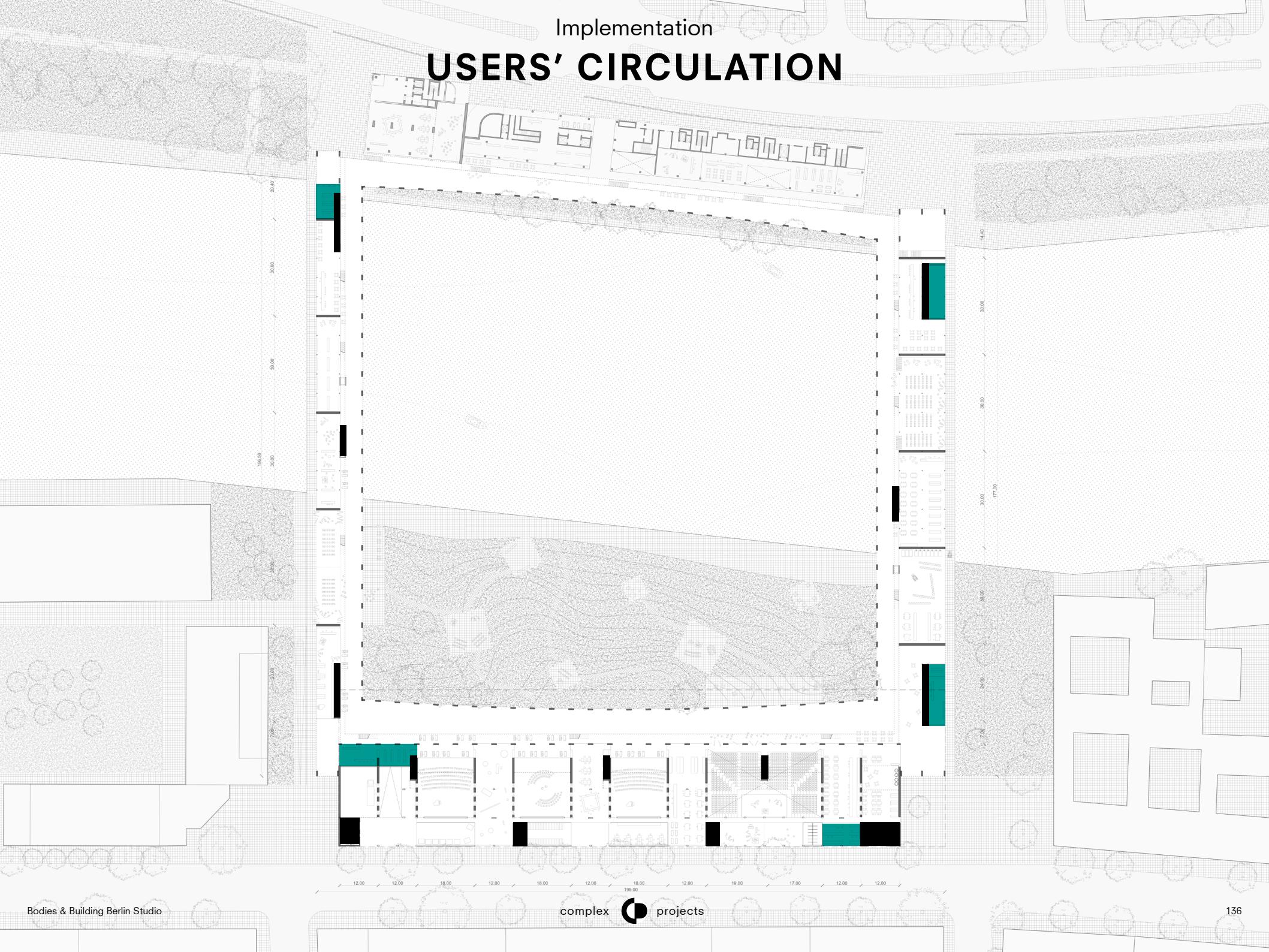


EXTERNAL MUSICIANS' STUDIOS



Implementation

USERS' CIRCULATION



INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

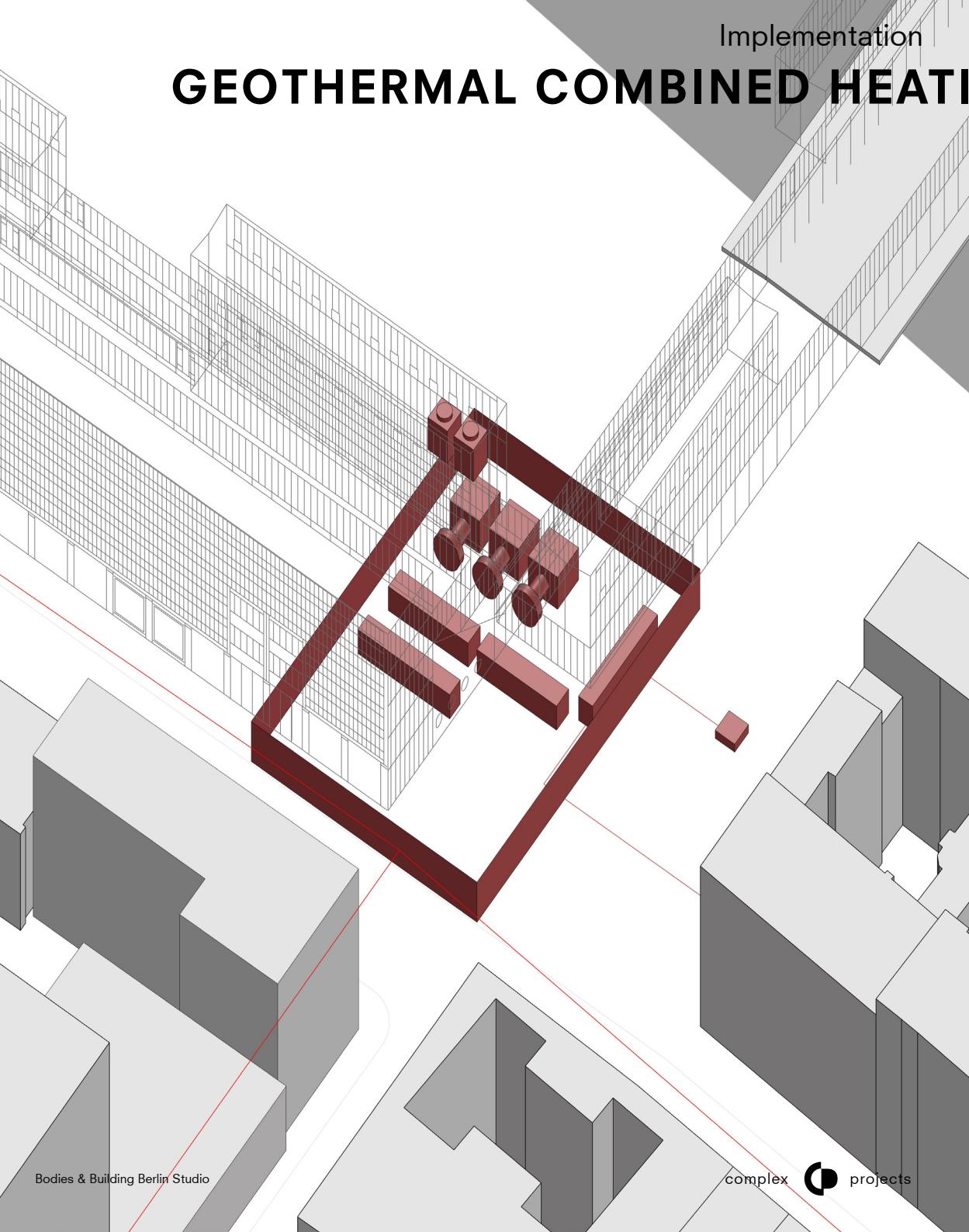
BRIDGE

LIVE VESSEL

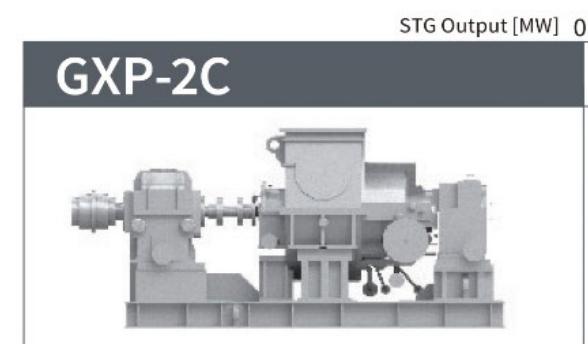
LIVE WITH MUSIC

ENERGY INFRASTRUCTURE

GEOTHERMAL COMBINED HEATING & POWER PLANT



Production: 35,040,000 kWh
 Consumption: 3,866,400 kWh
Excess energy: 2,400 households



Implementation
DISTRICT HEATING



Implementation
CONNECT & BALANCE



INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

Structure

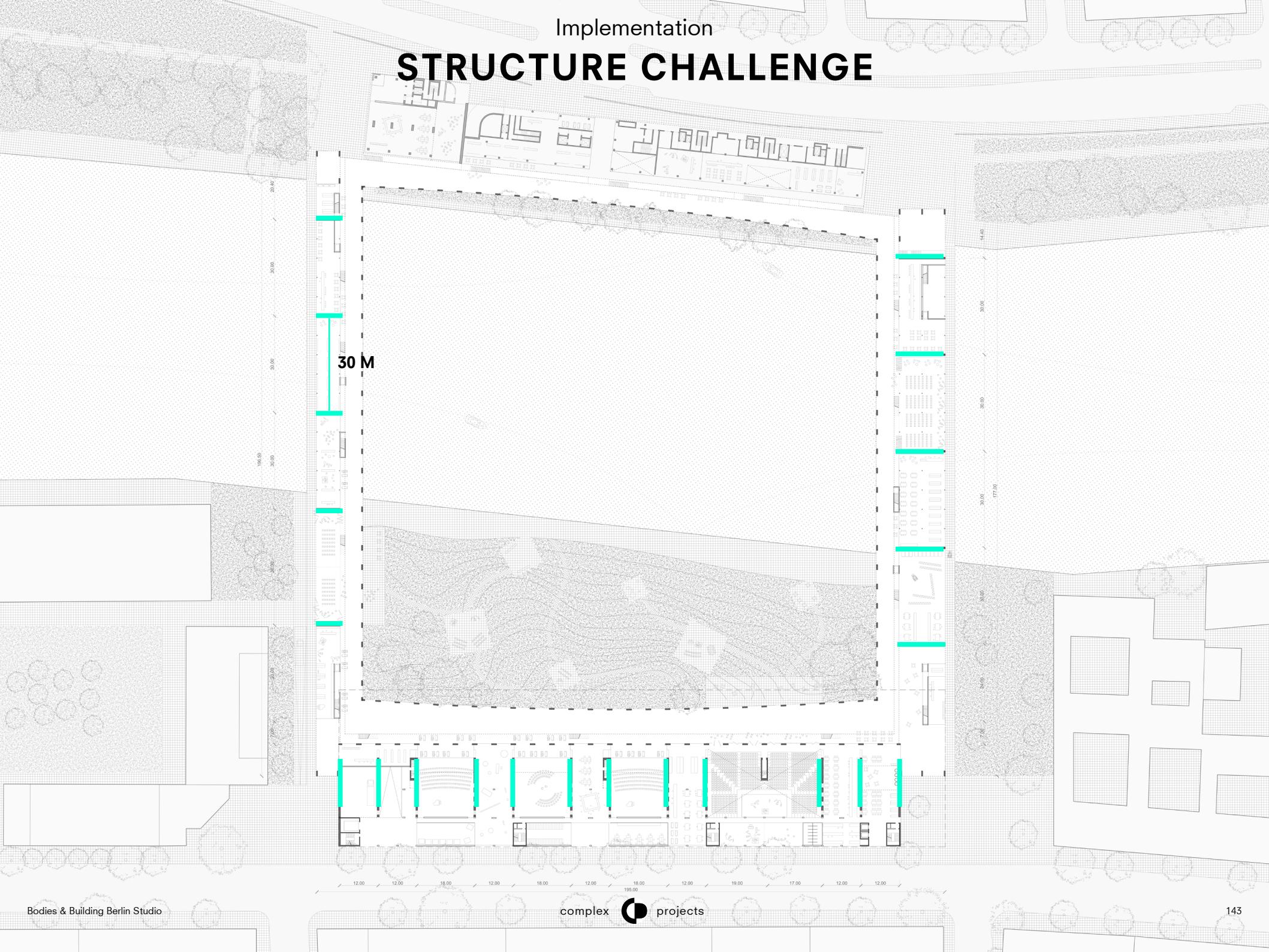
Material

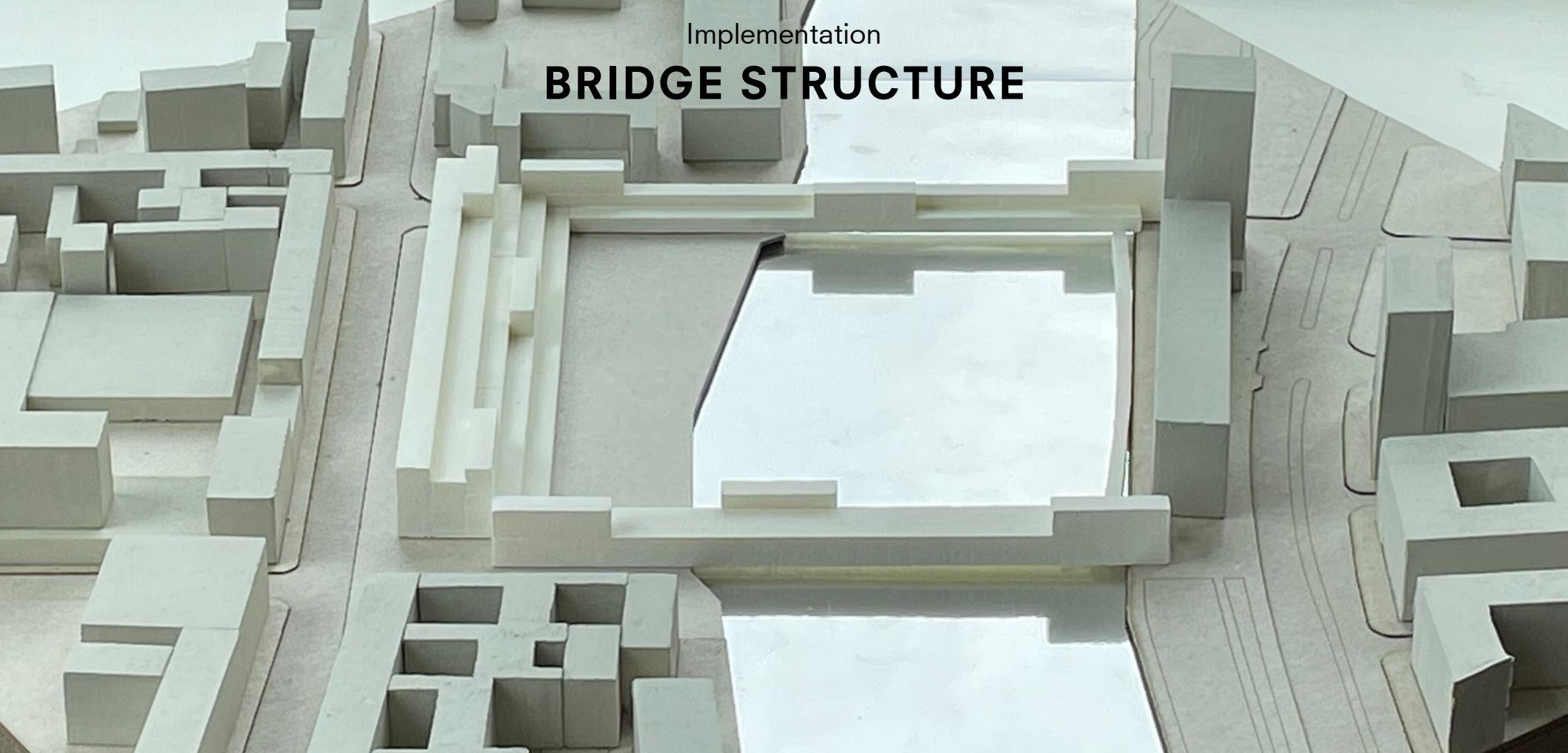
Climate



Implementation

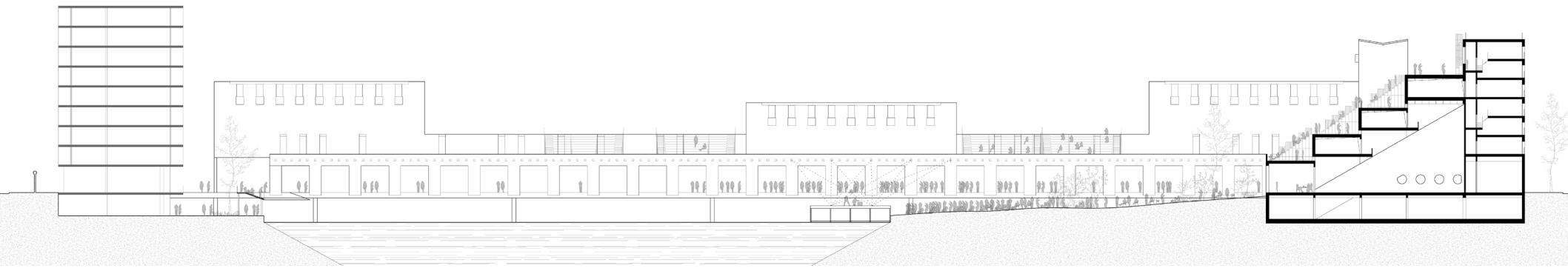
STRUCTURE CHALLENGE





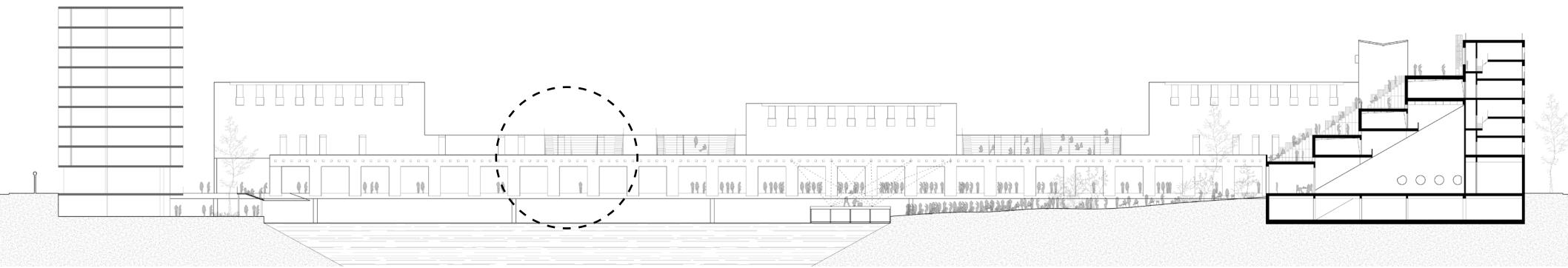
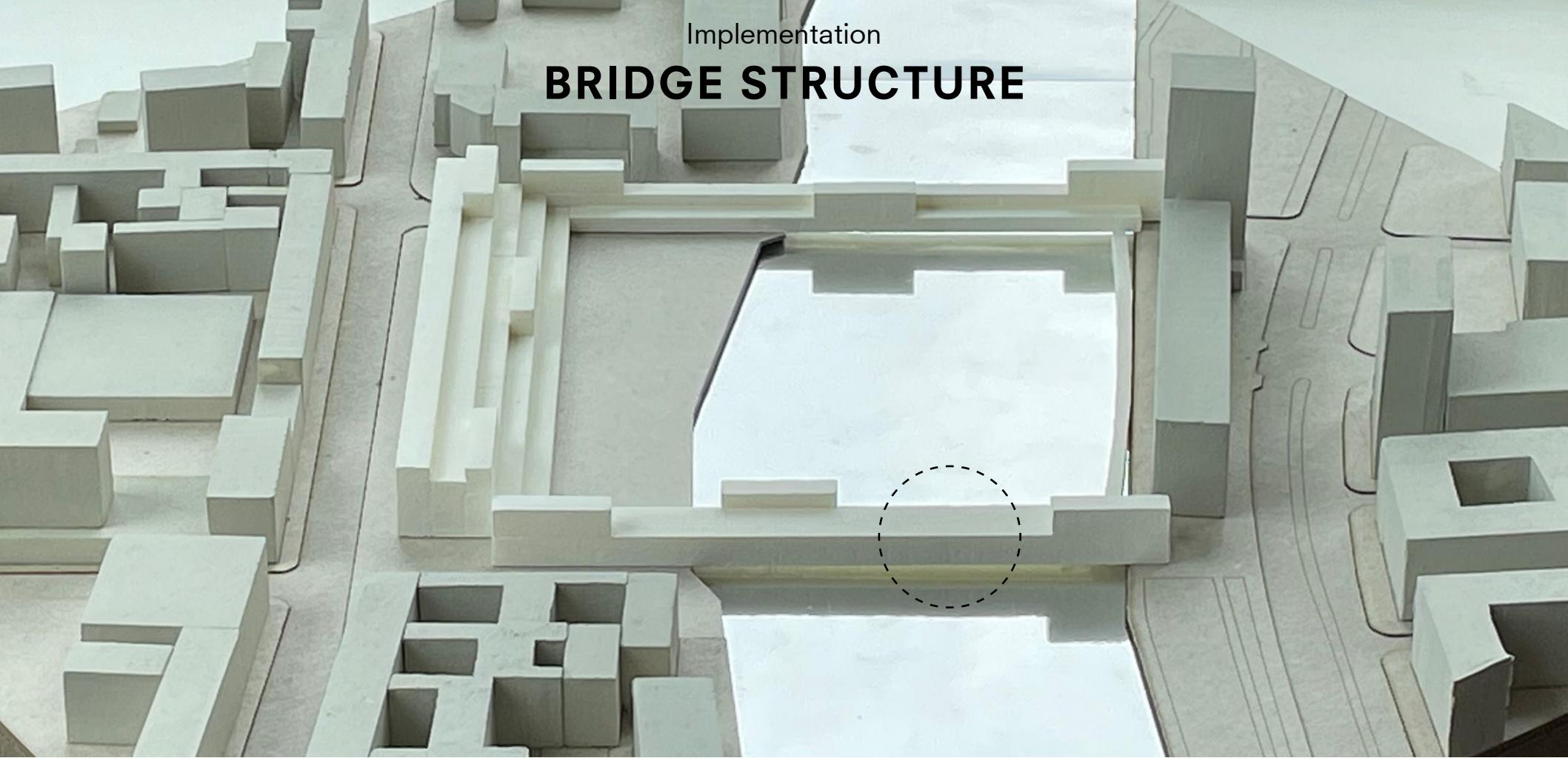
Implementation

BRIDGE STRUCTURE



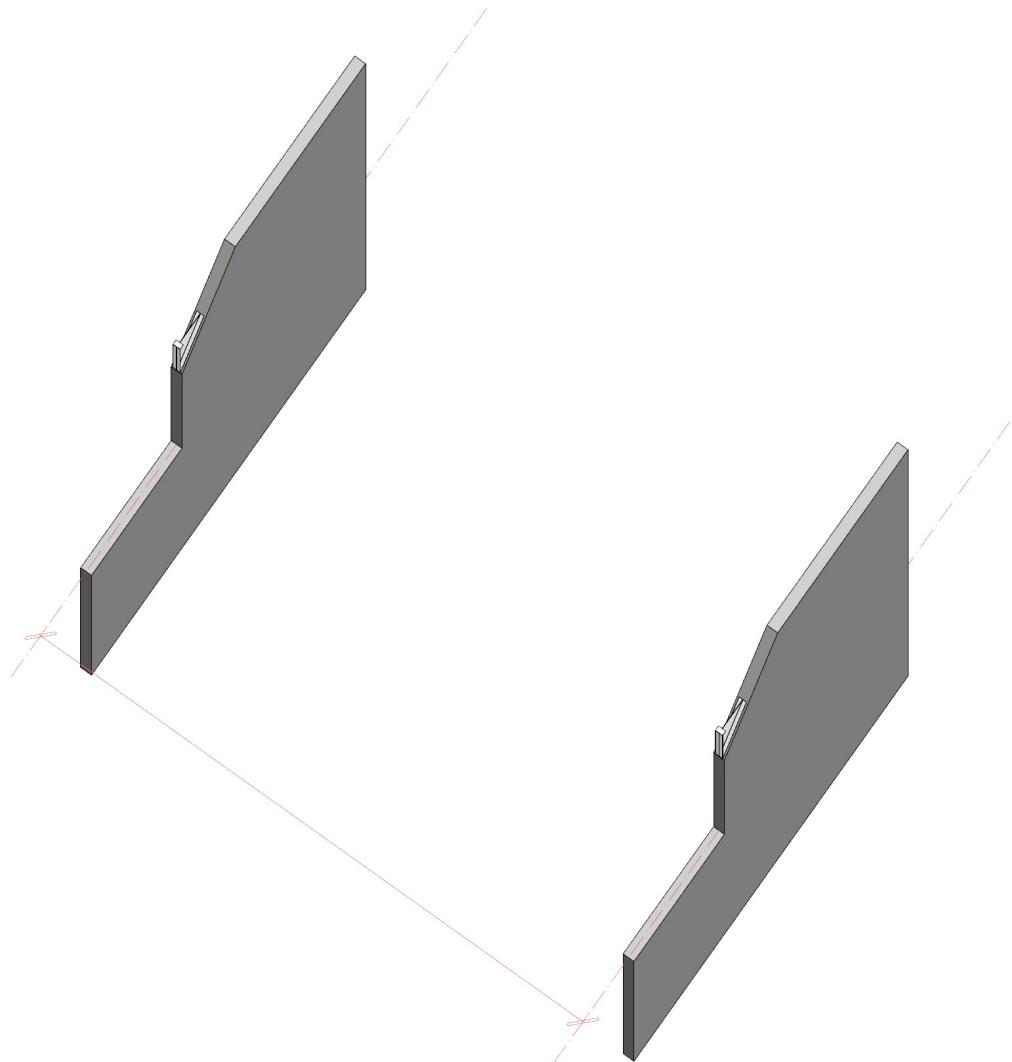
Implementation

BRIDGE STRUCTURE



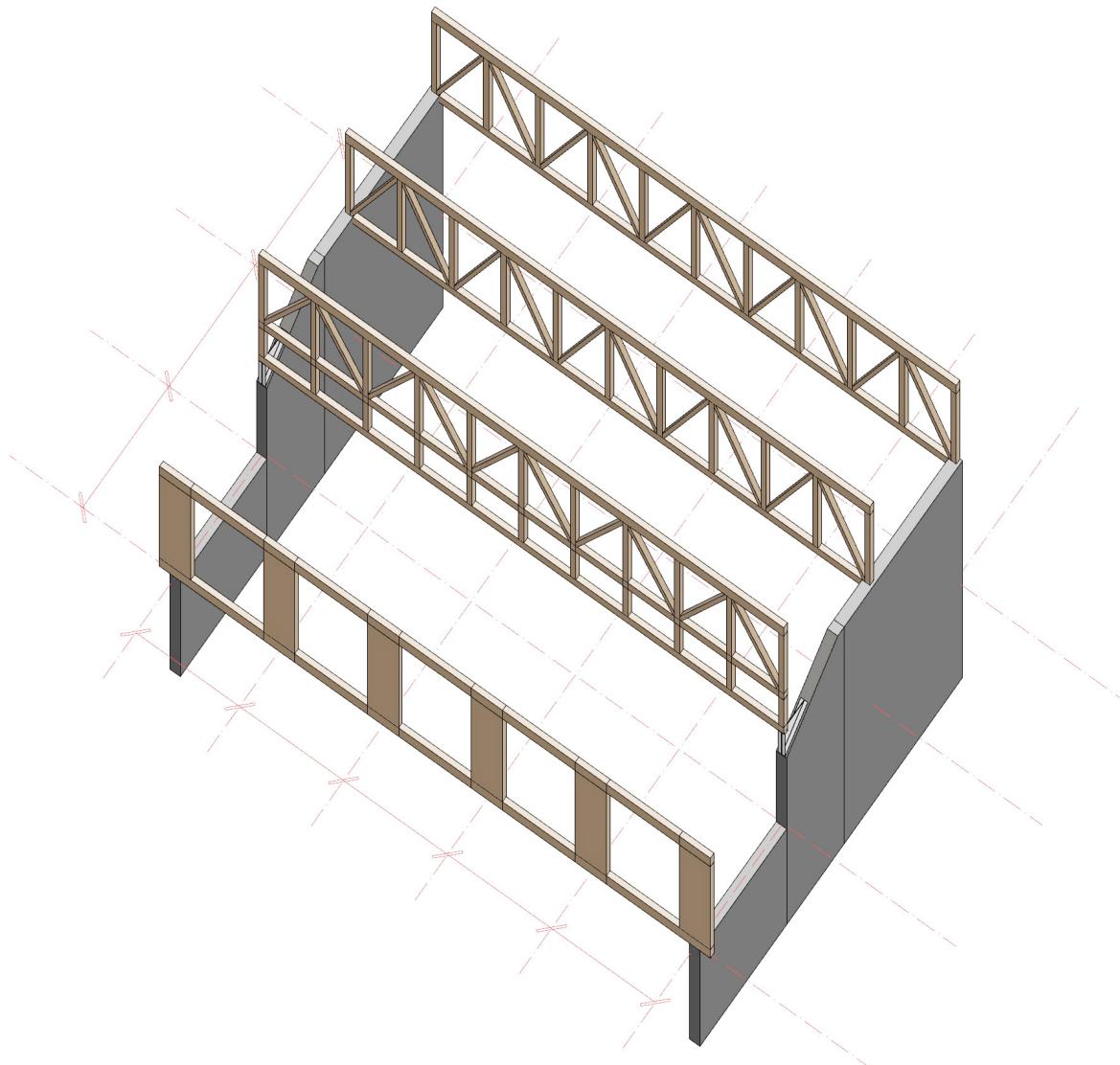
Implementation

BRIDGE STRUCTURE



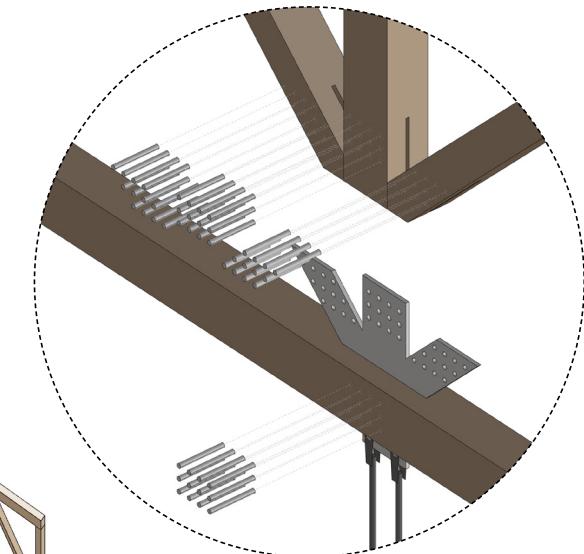
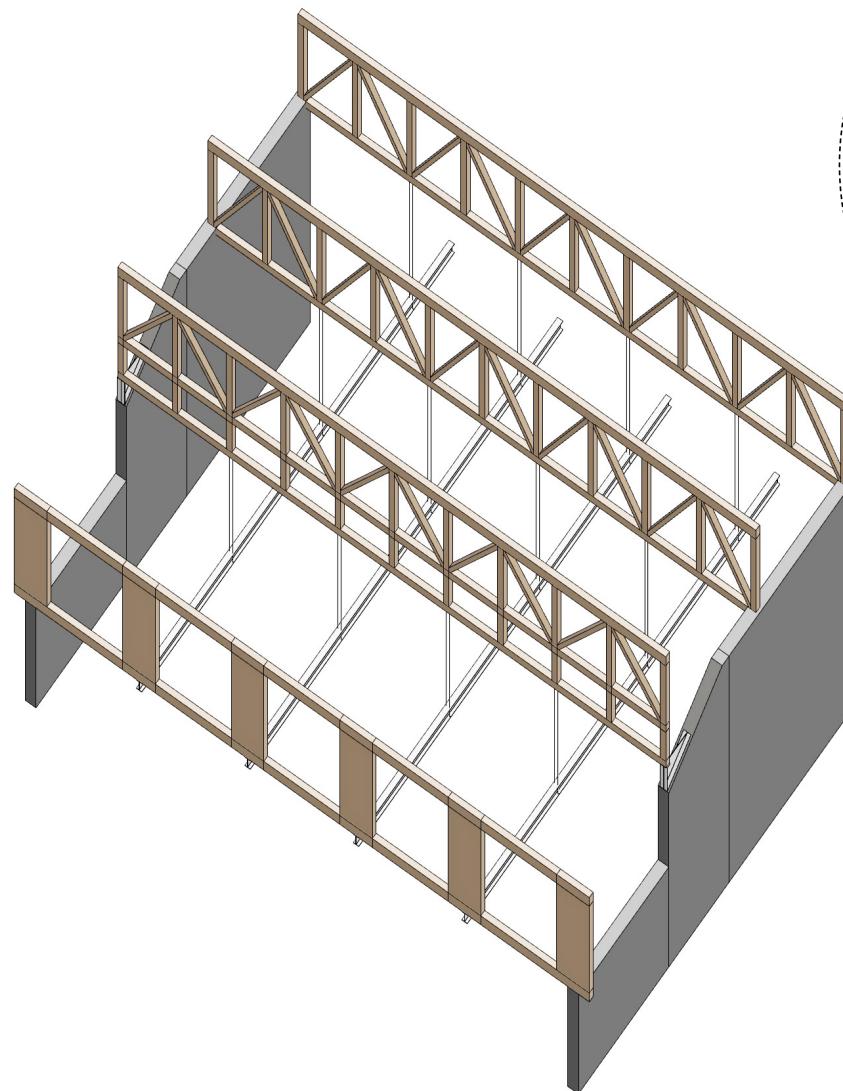
Implementation

BRIDGE STRUCTURE



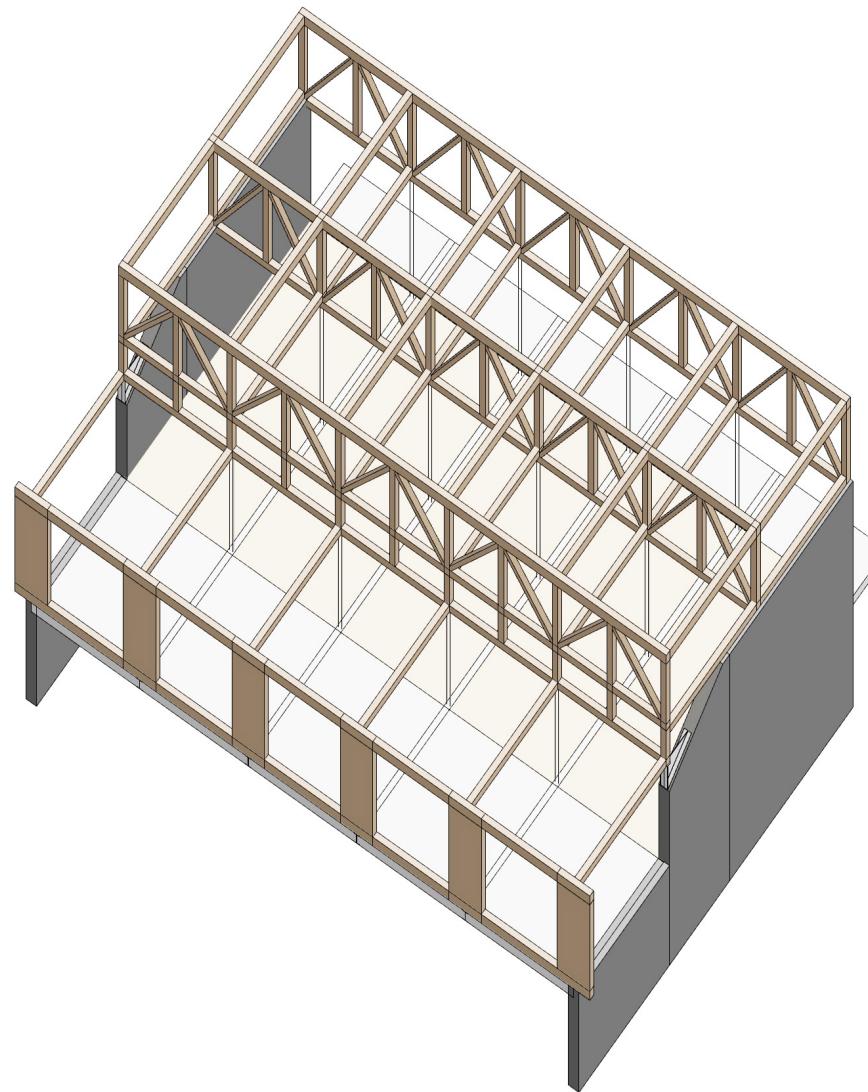
Implementation

BRIDGE STRUCTURE



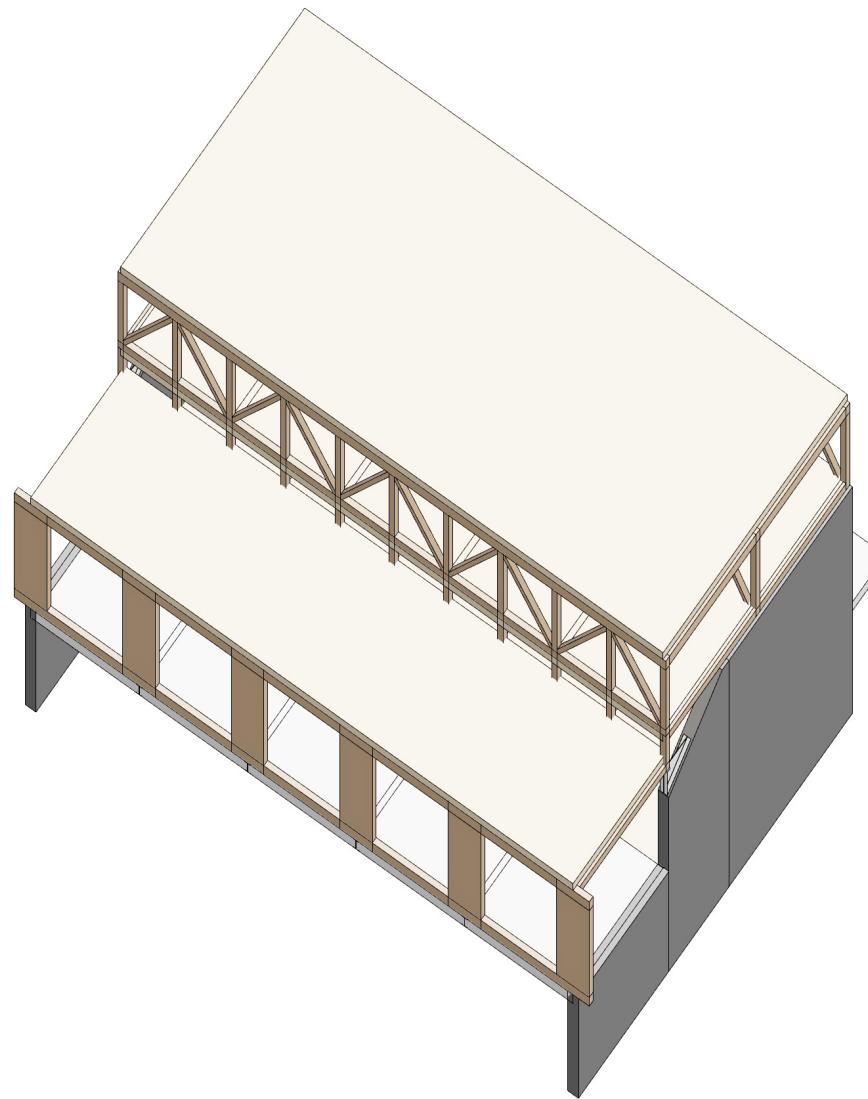
Implementation

BRIDGE STRUCTURE



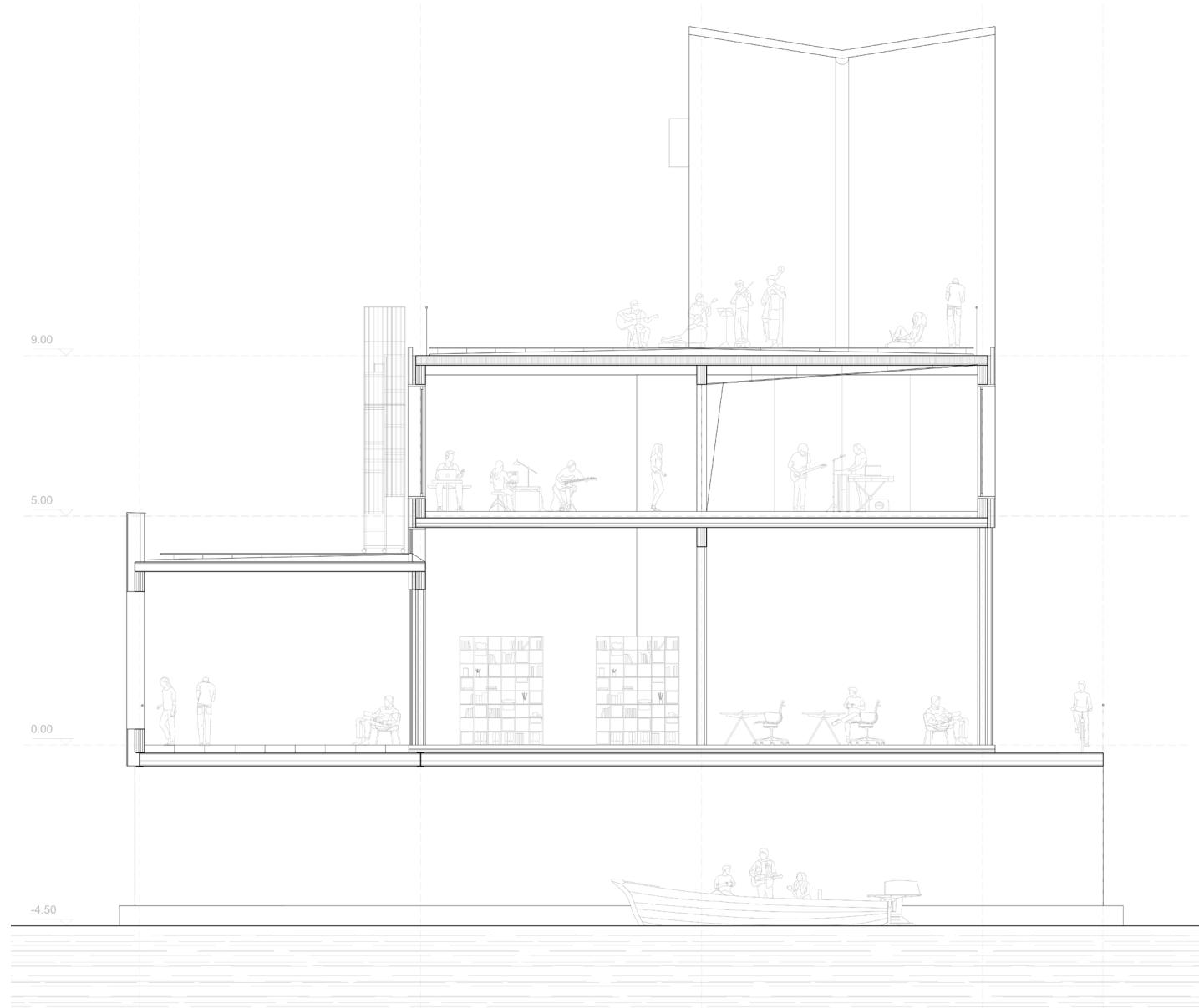
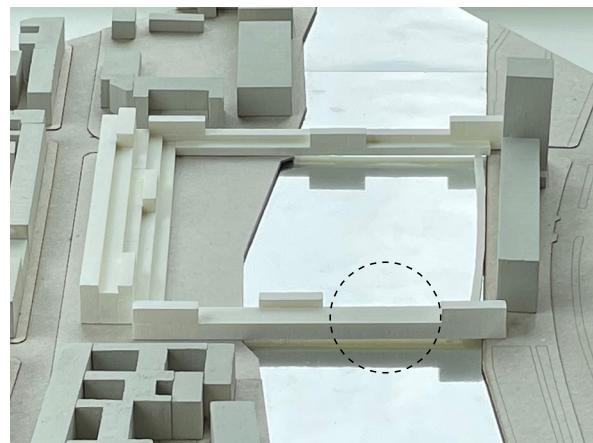
Implementation

BRIDGE STRUCTURE



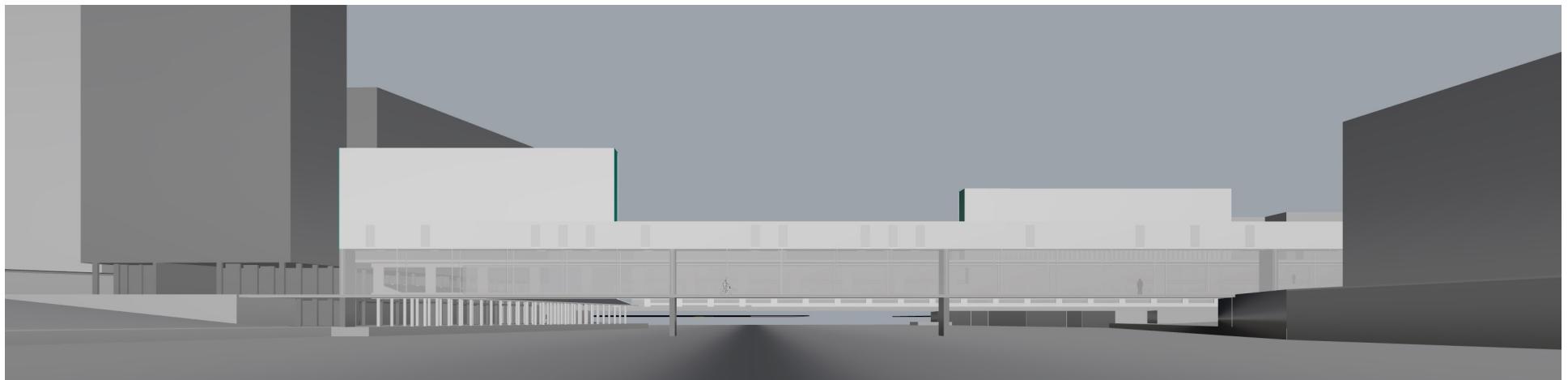
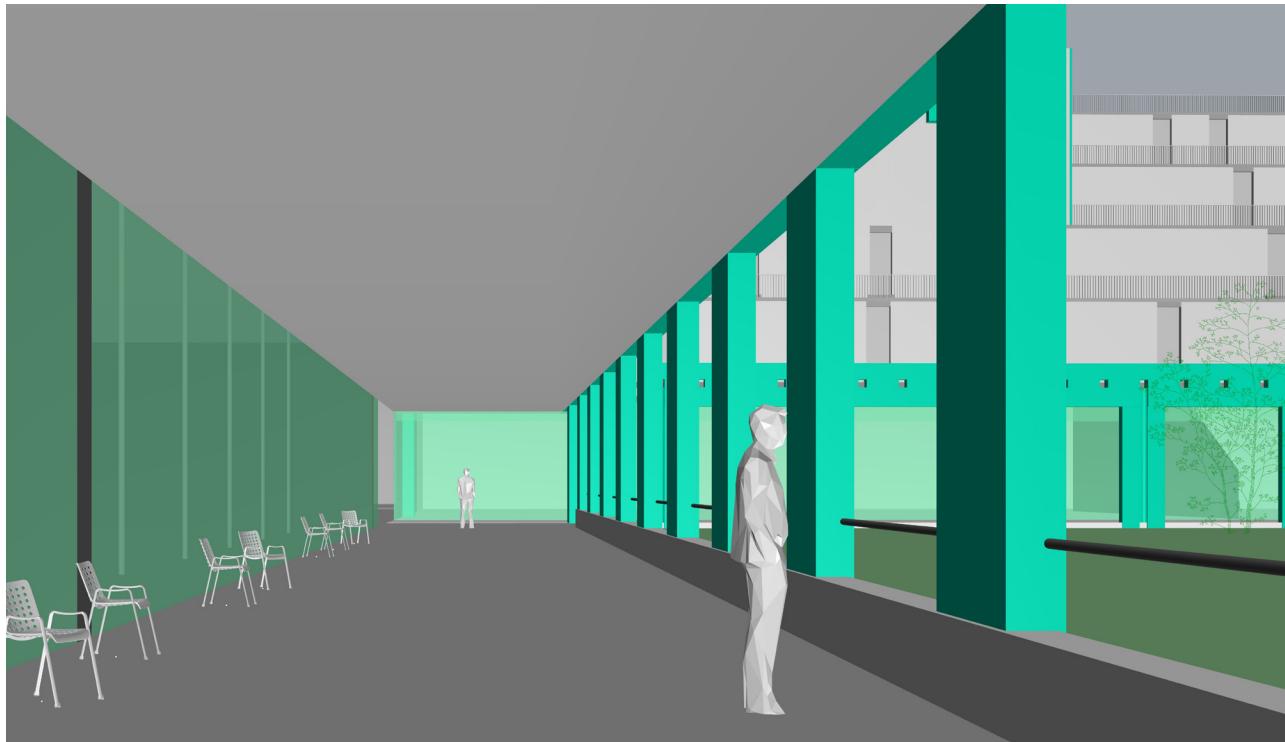
Implementation

BRIDGE



Implementation

BRIDGE

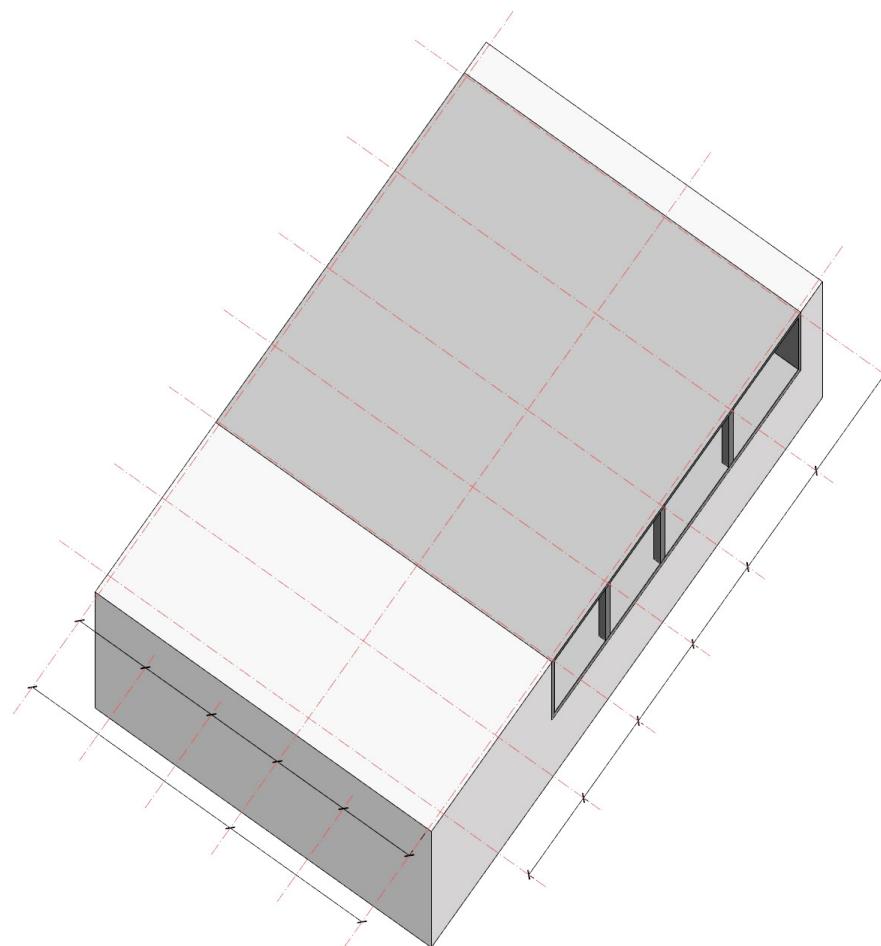


Implementation

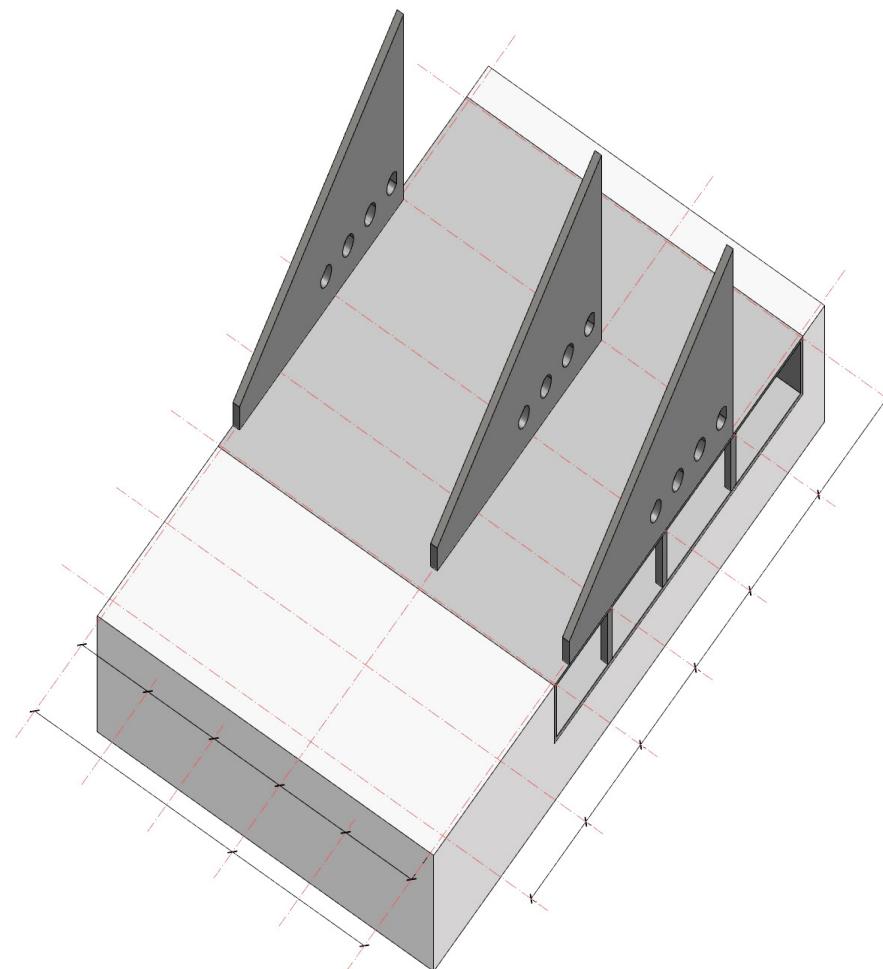
MUSIC LIVING ROOM STRUCTURE



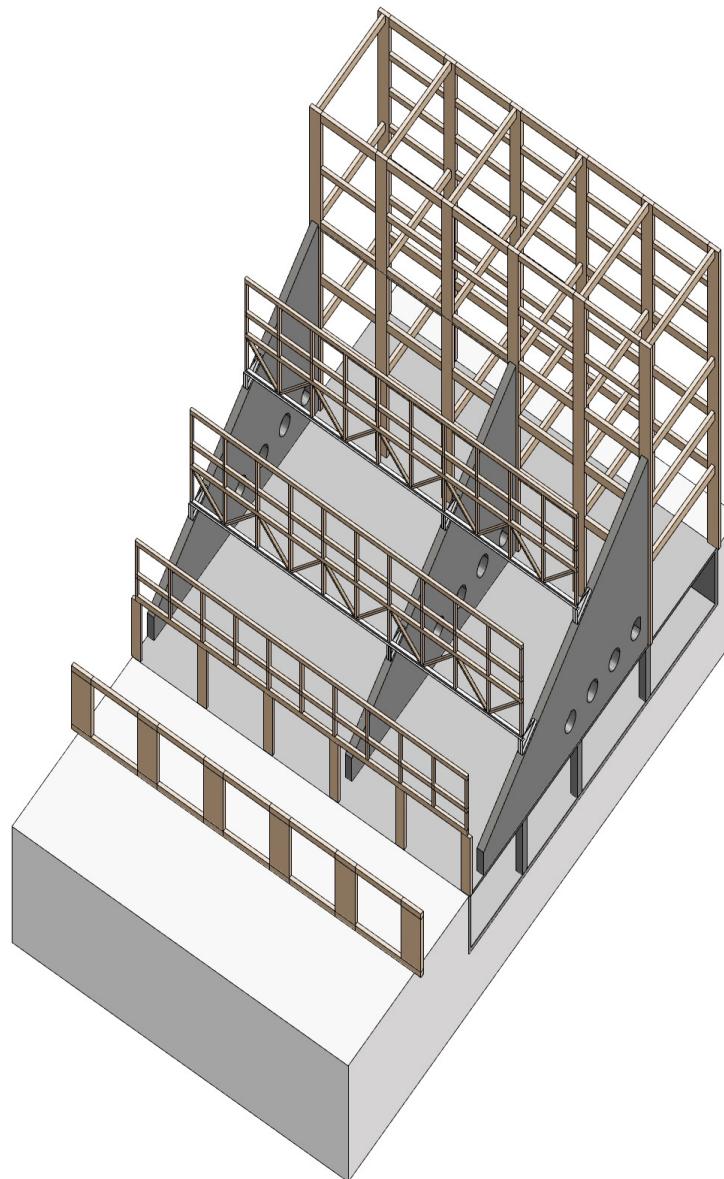
Implementation
STRUCTURE



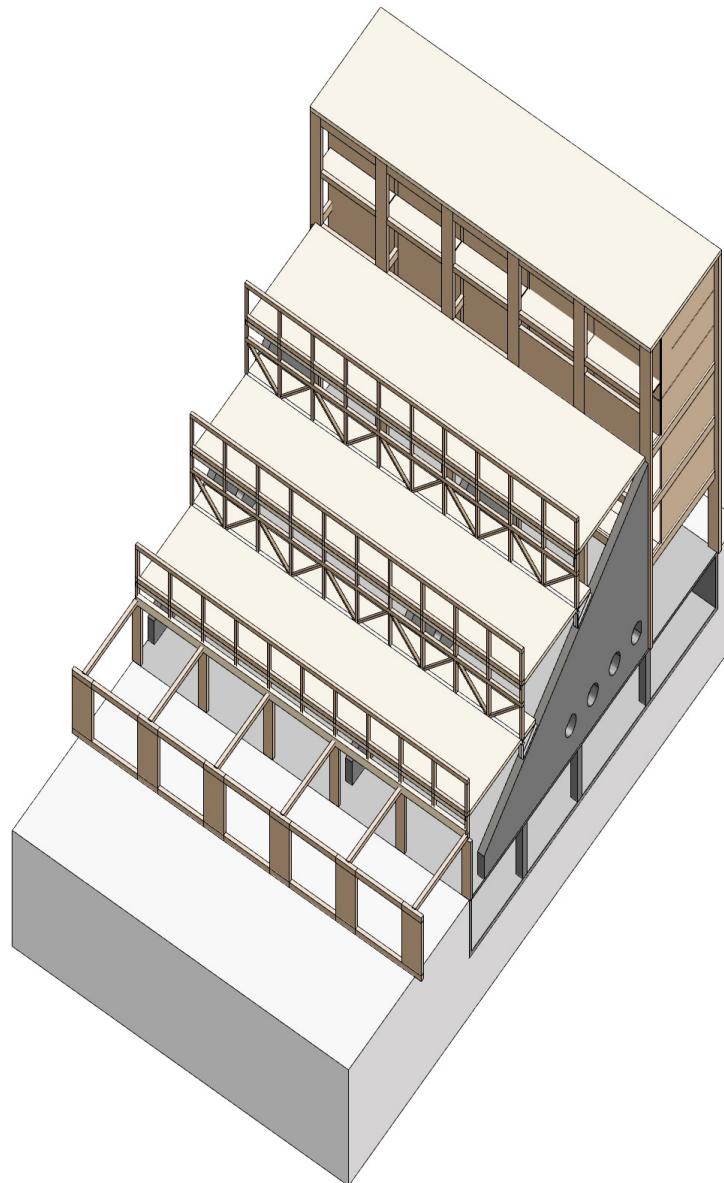
Implementation
STRUCTURE



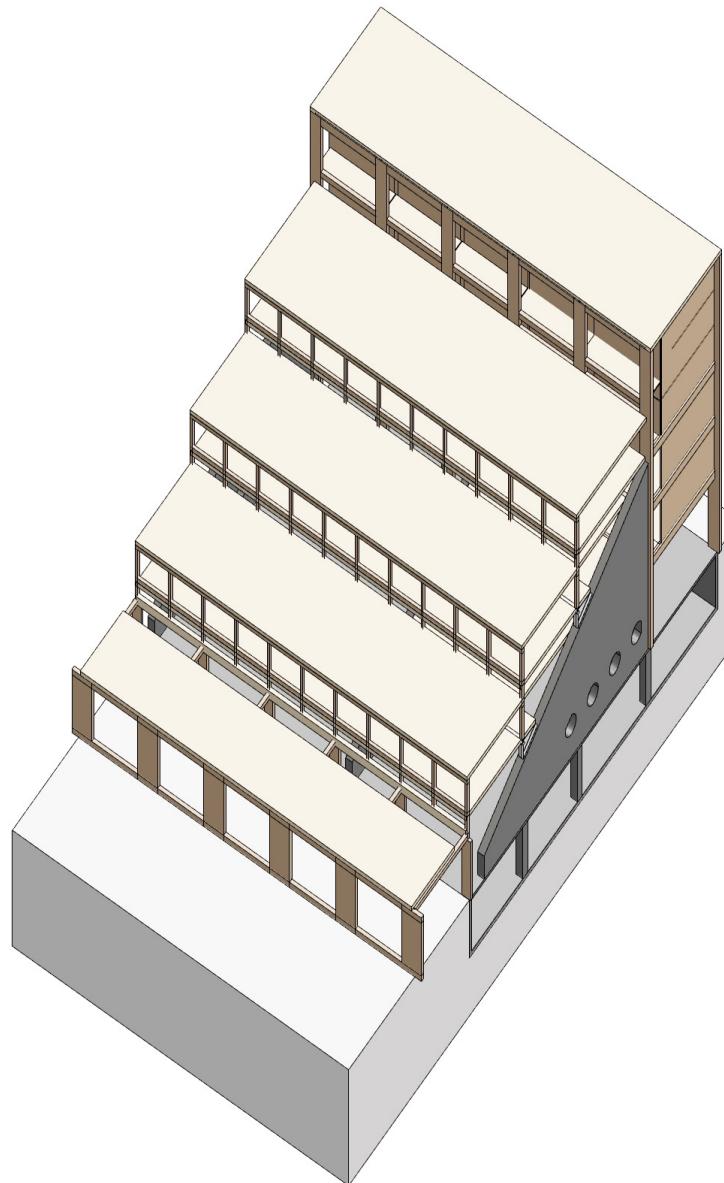
Implementation
STRUCTURE



Implementation
STRUCTURE



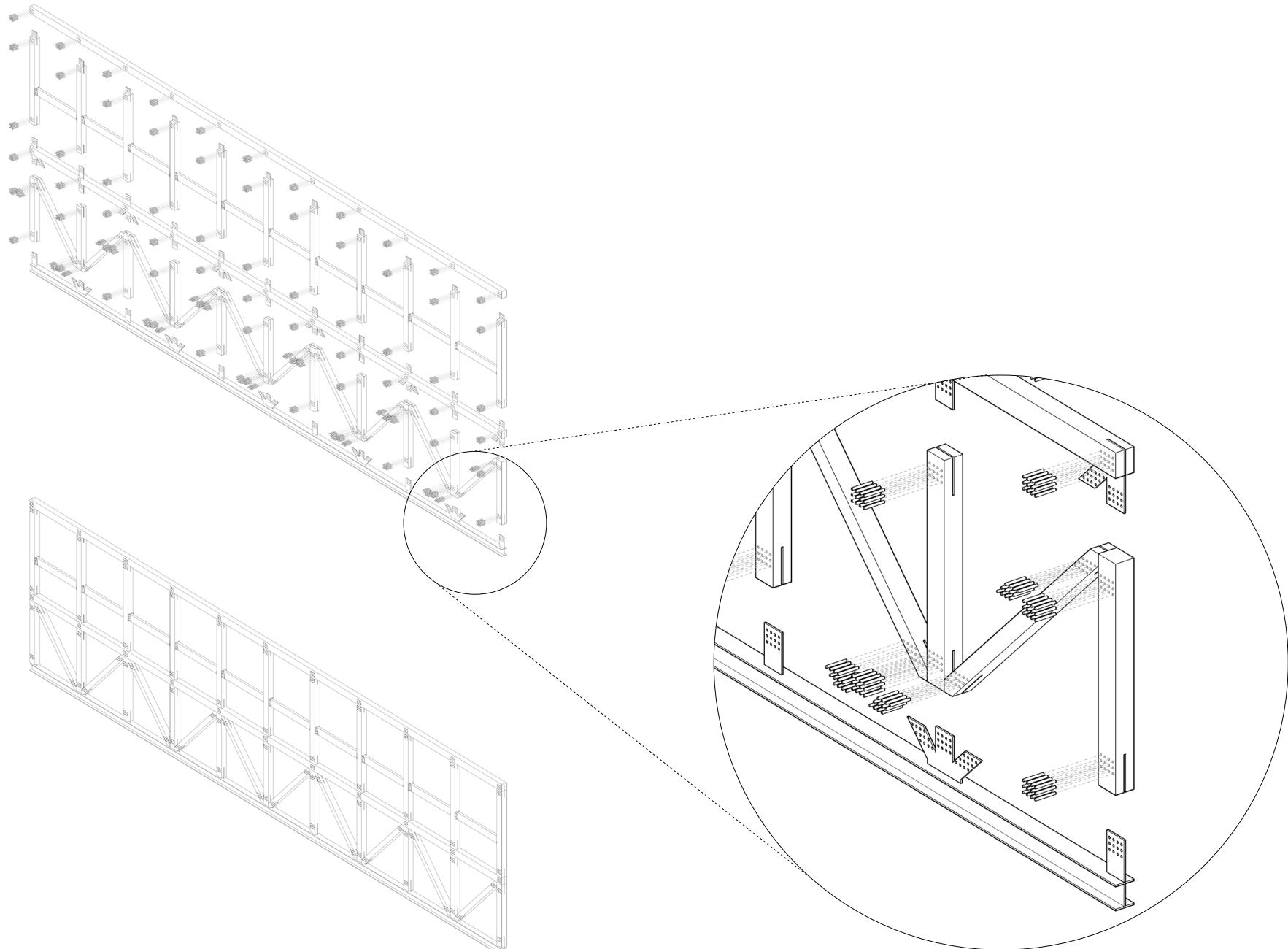
Implementation
STRUCTURE



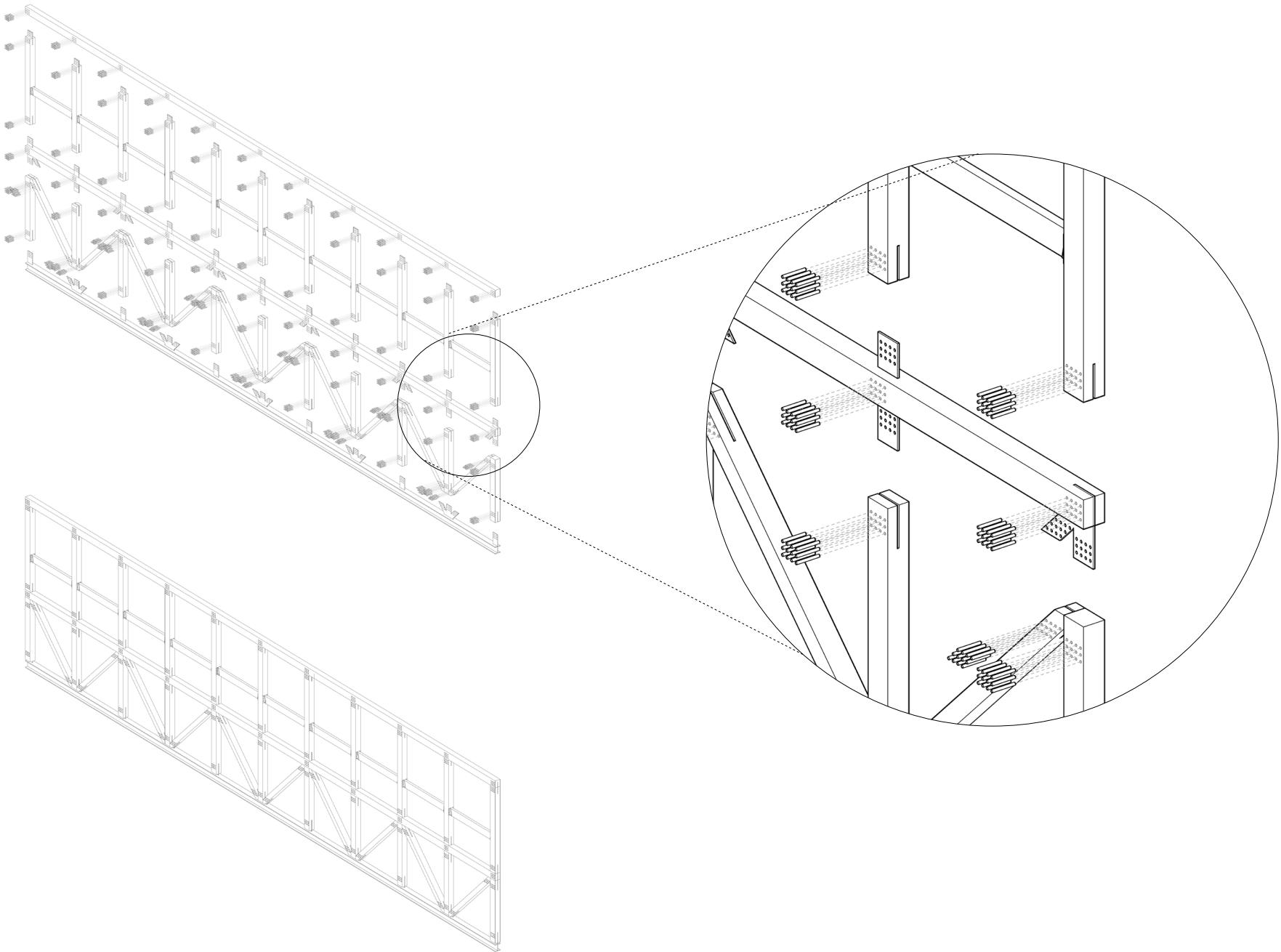
Implementation



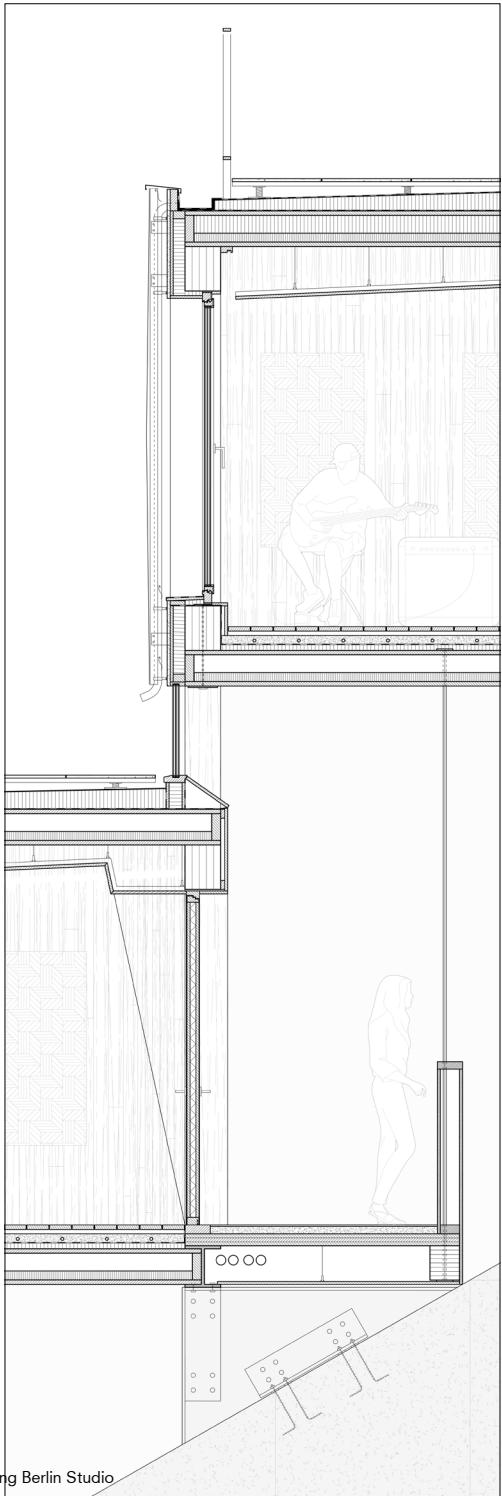
Implementation
TIMBER TRUSS



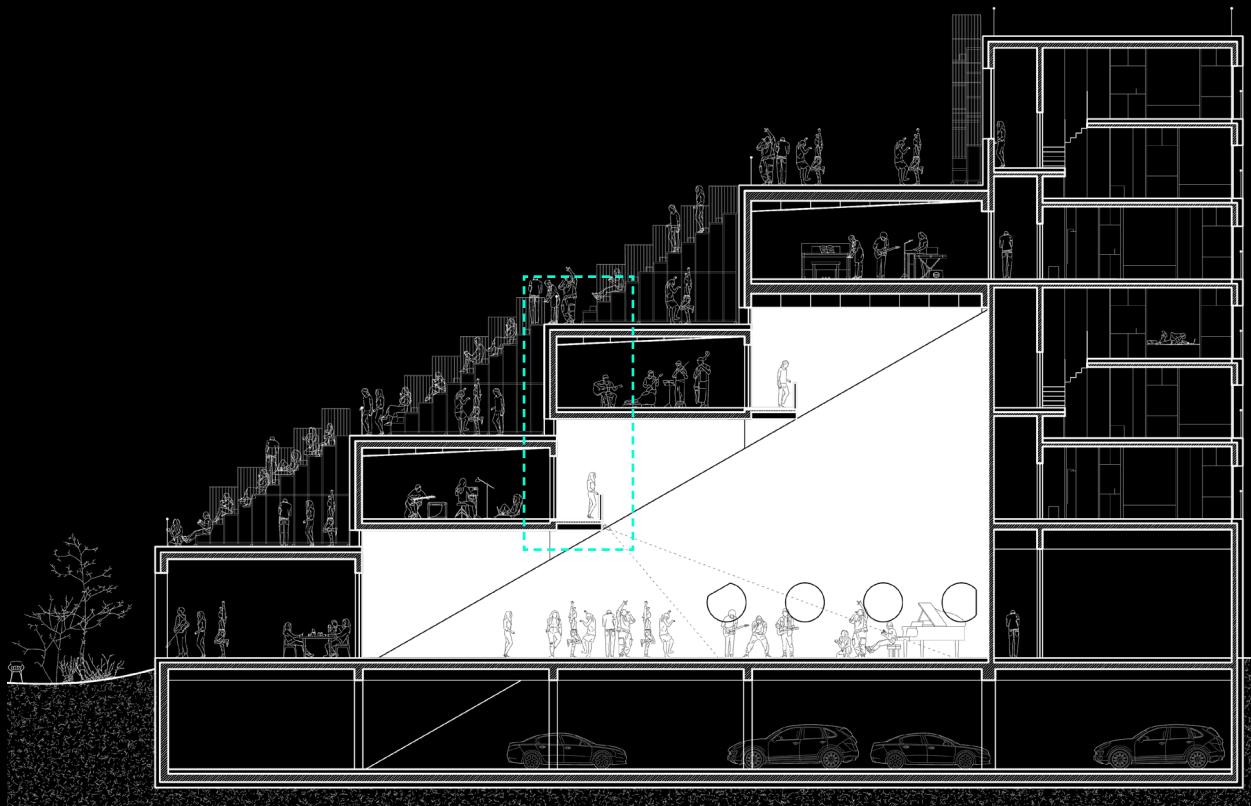
Implementation
TIMBER TRUSS



EXTERIOR ENVELOPE



Bodies & Building Berlin Studio



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

Structure

Material

Climate

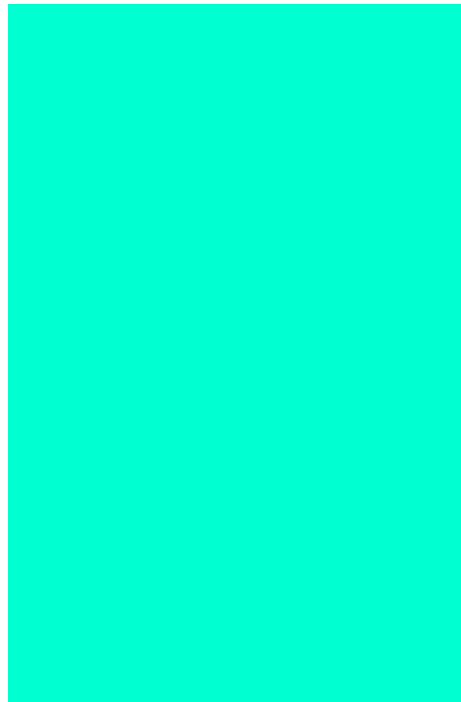
Development

EXTERIOR MATERIAL

for the Academy of Alternative Music in Berlin



Industrial material



Surreal color

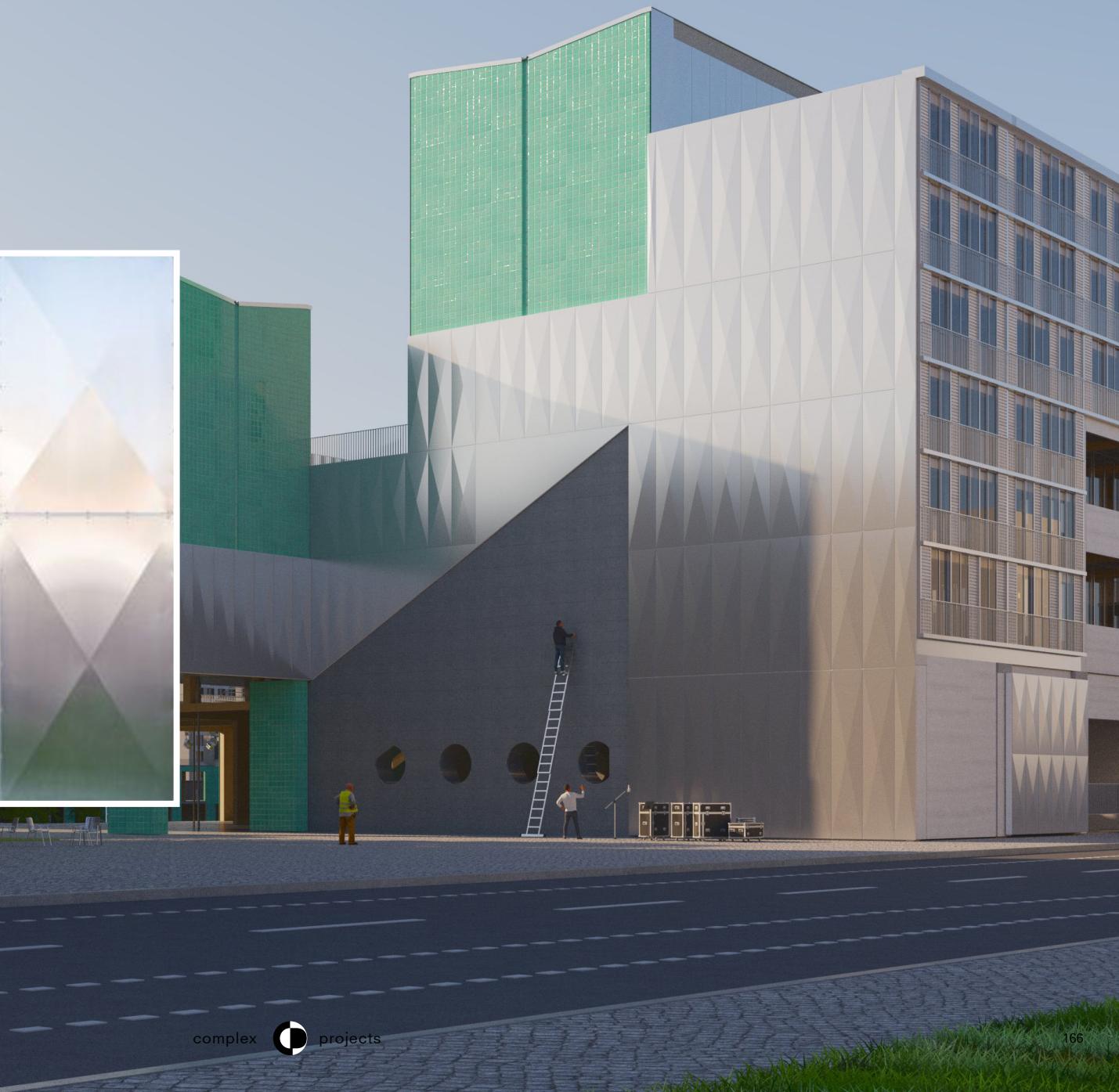


Graffiti



Development

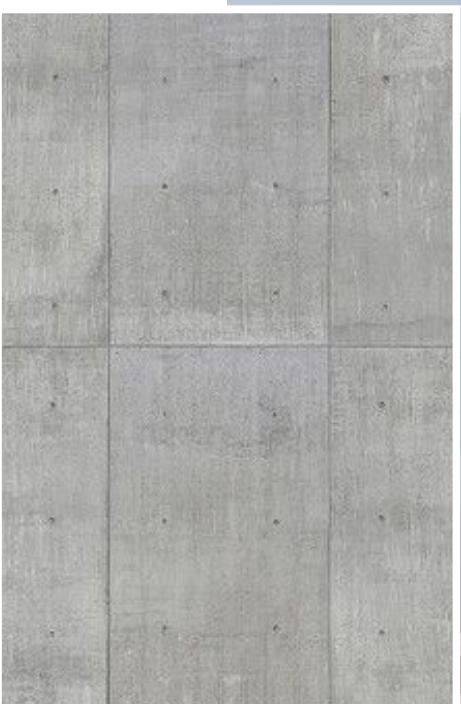
REPURPOSED CROSSBROKE METAL SHEET



Development
CERAMIC TILE



Development
CONCRETE



Development
CONCRETE



Development

INTERIOR MATERIAL



Concrete



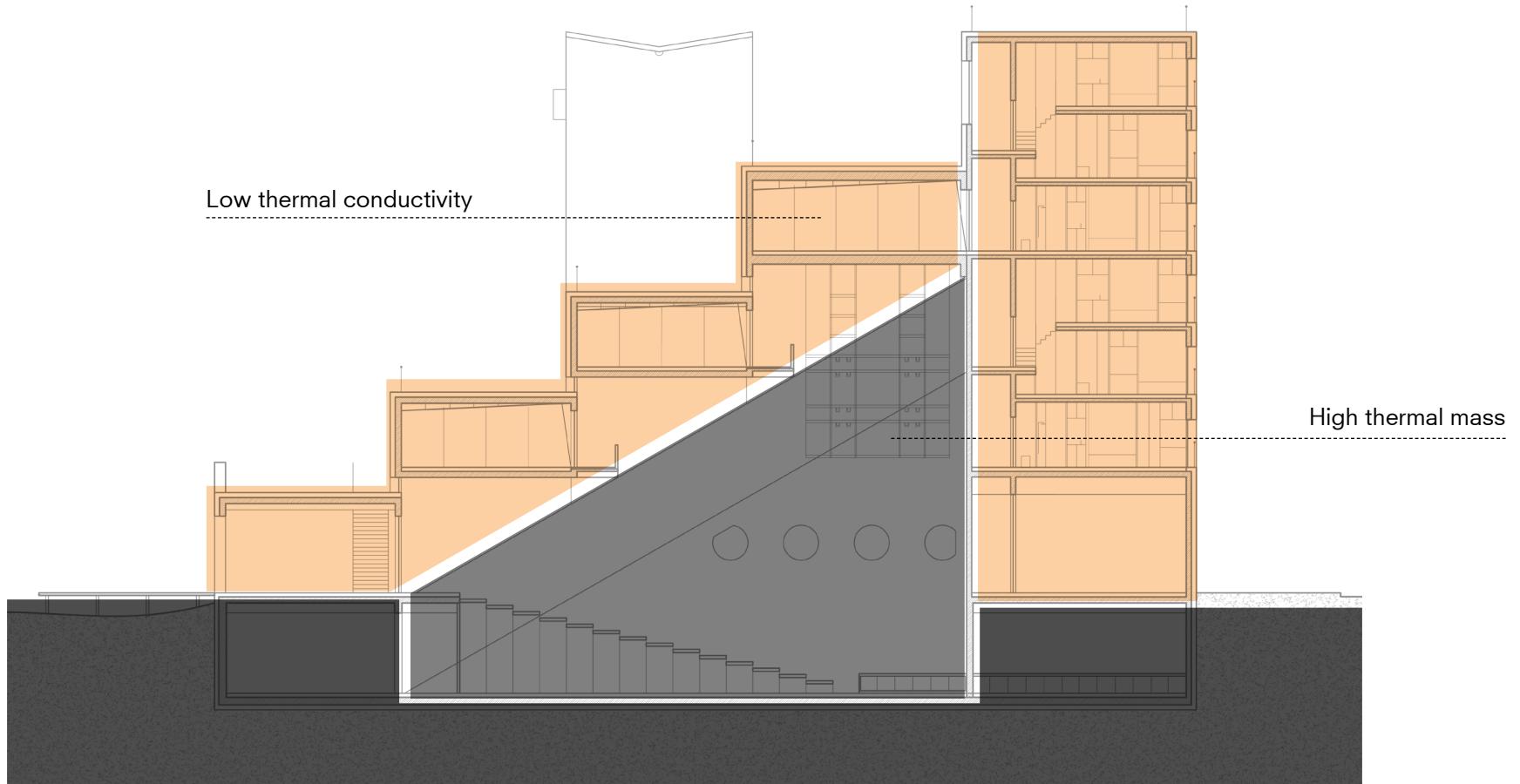
Wood

Development
INTERIOR MATERIAL



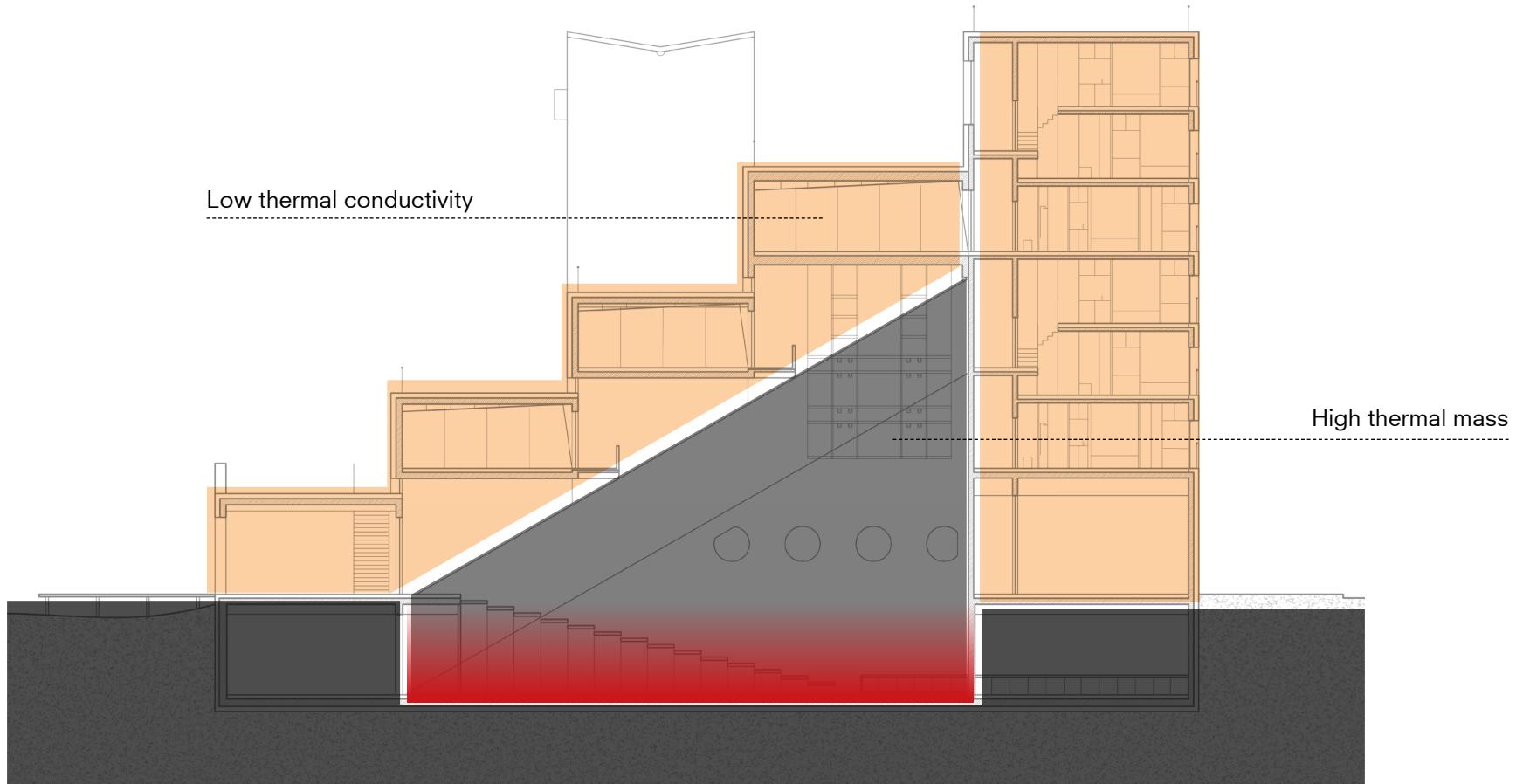
Development

MATERIAL & CLIMATE



Development

MATERIAL & CLIMATE



INTRODUCTION

RESEARCH

MSc 3

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

DEVELOPMENT

CONCLUSION

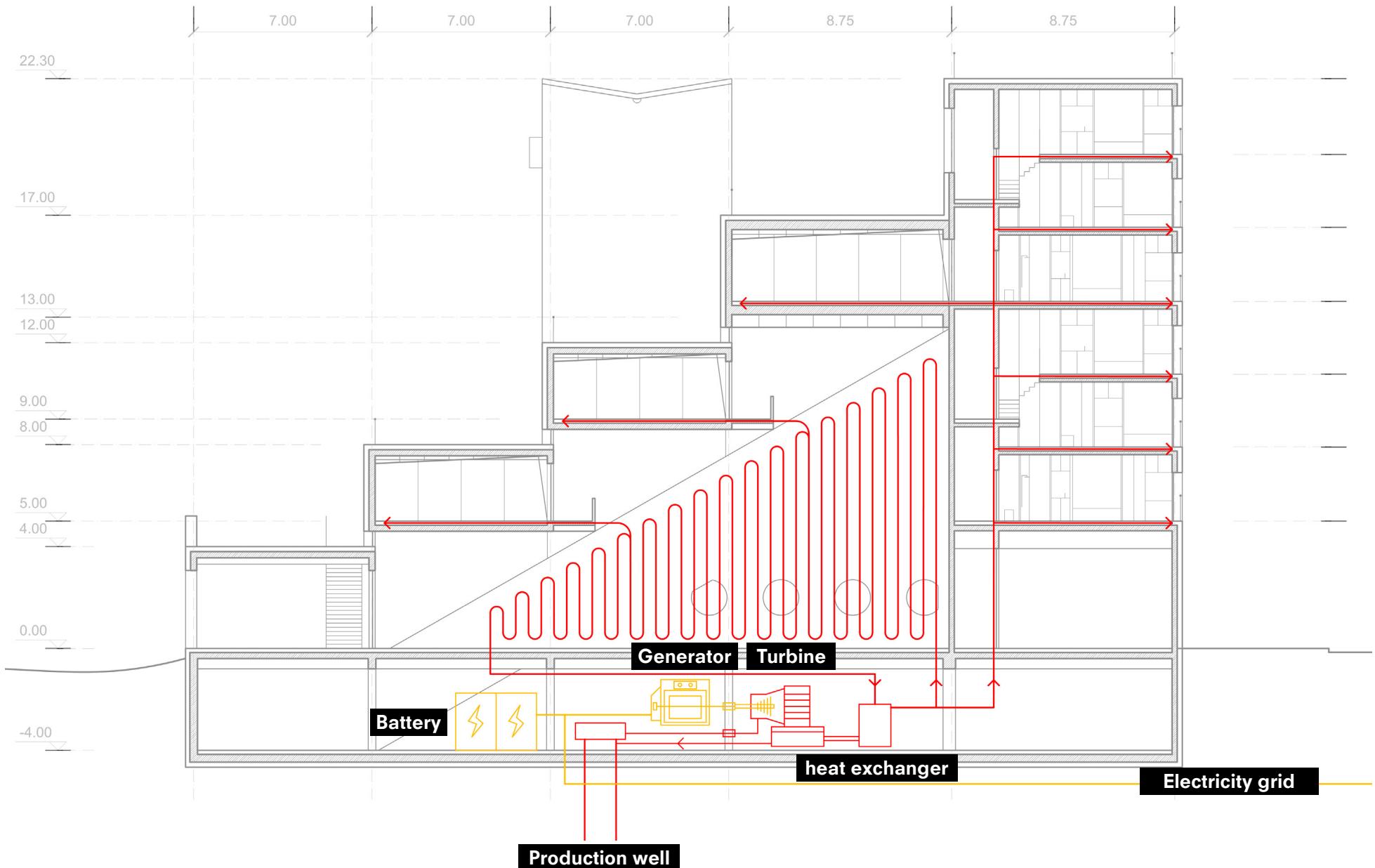
Materialization

Climate & energy

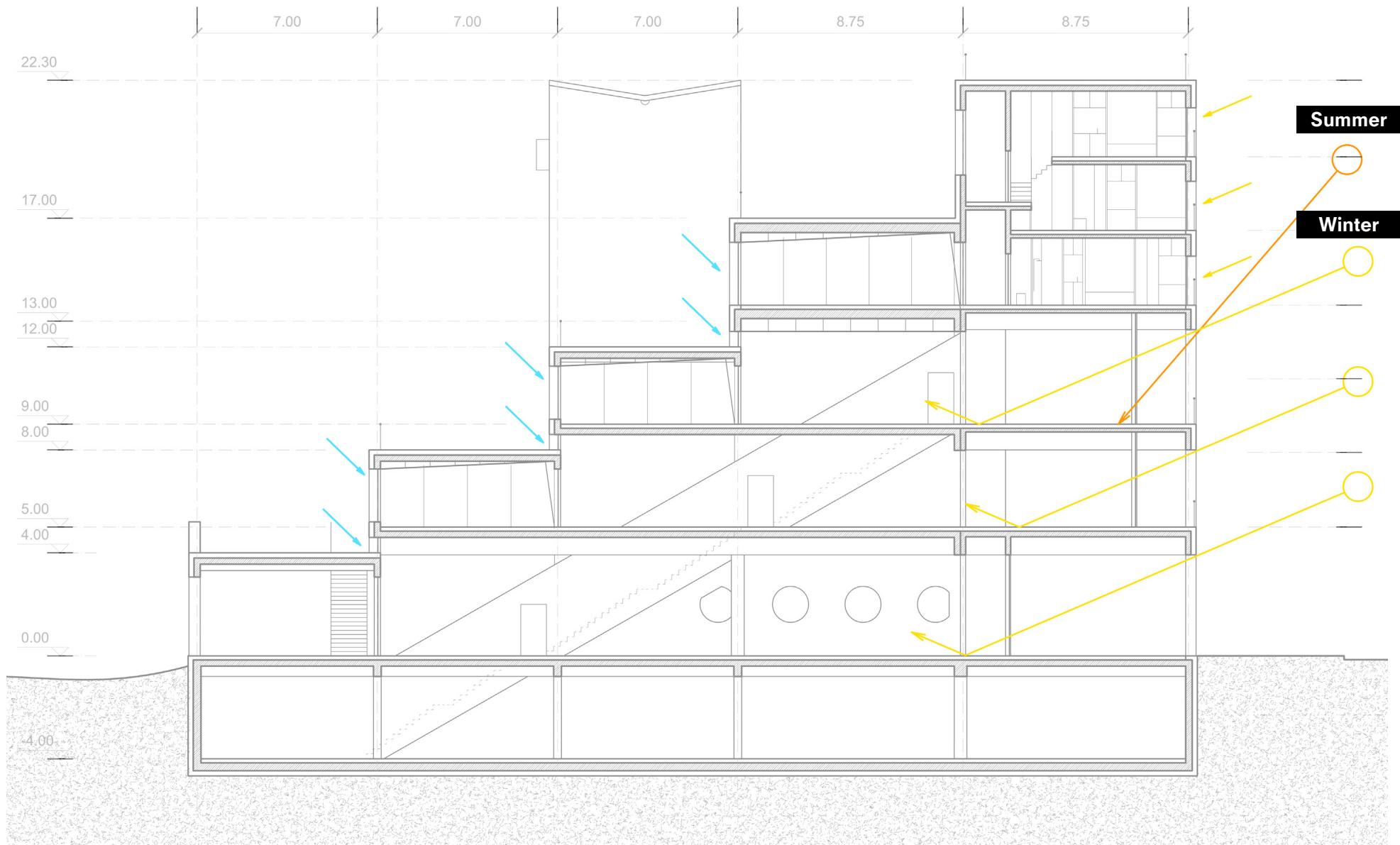
Construction detail

Development

GEOTHERMAL HEATING

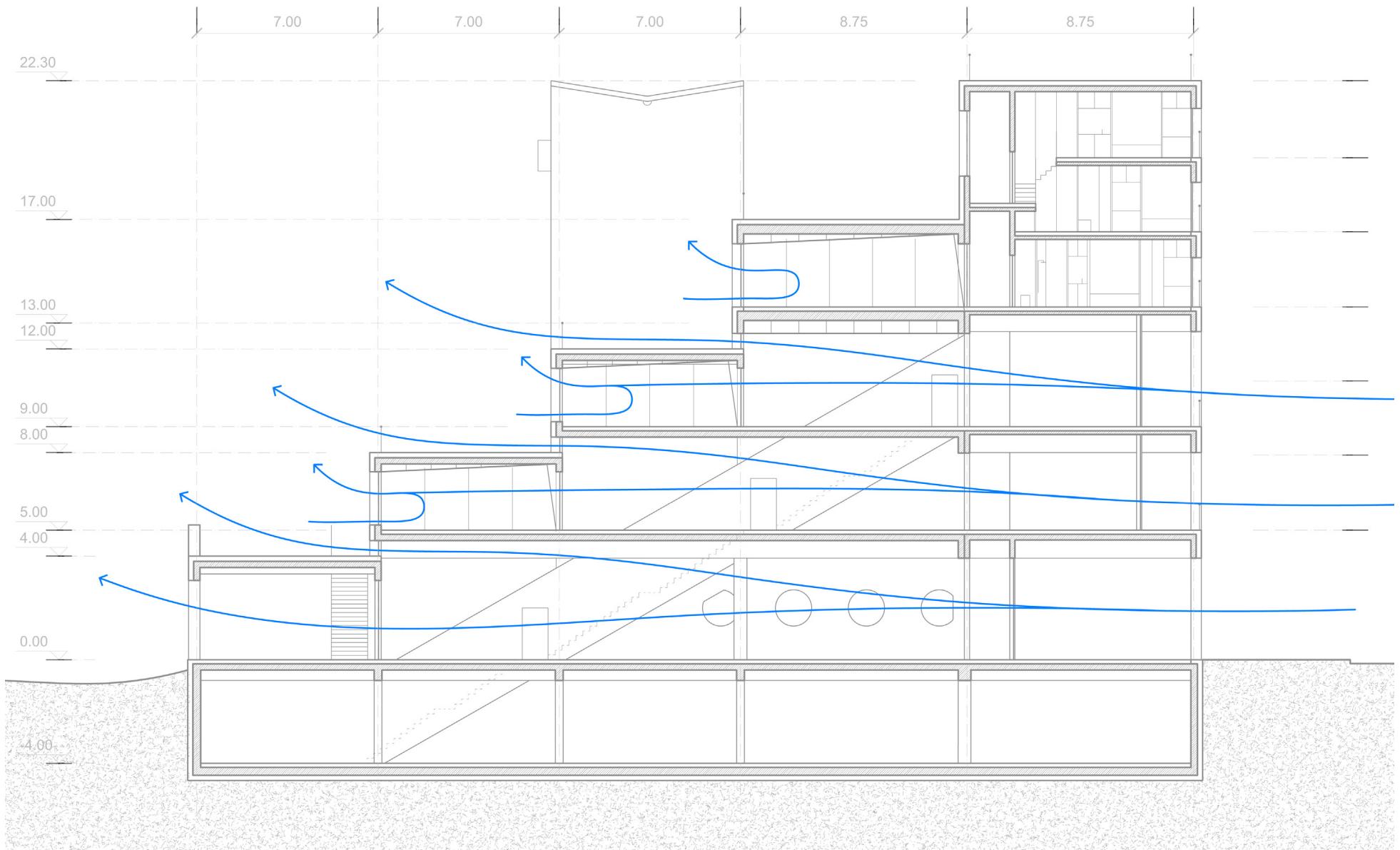


Development
DAYLIGHT



Development

NATURAL VENTILATION



INTRODUCTION

MSc 3

RESEARCH

DESIGN BRIEF

CONCEPT

MSc 4

IMPLEMENTATION

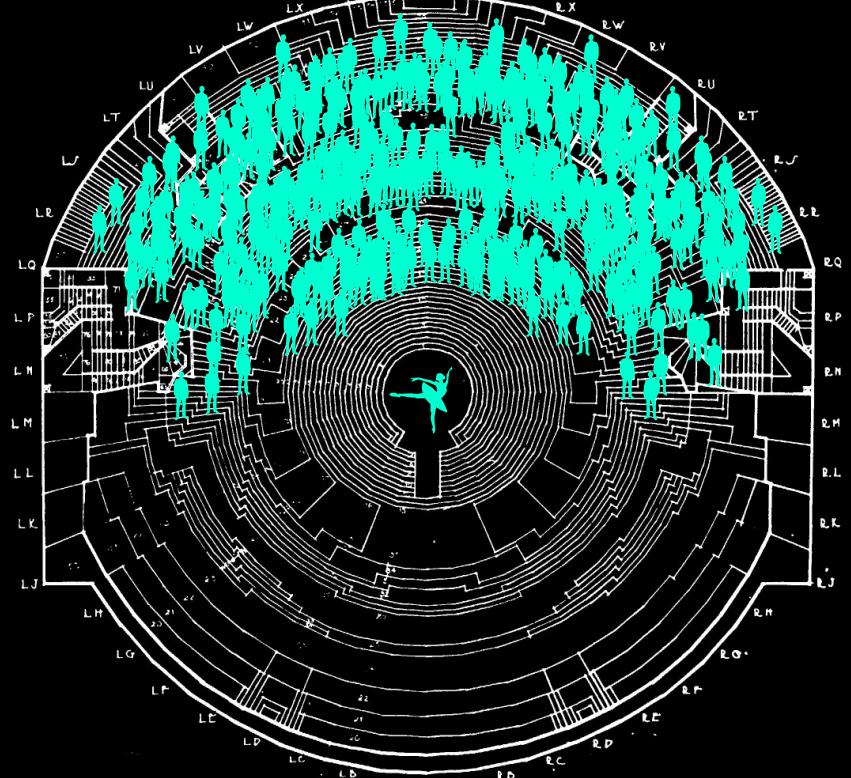
DEVELOPMENT

CONCLUSION

/ 1IV /

/ laɪv /

LIVE & LIVE





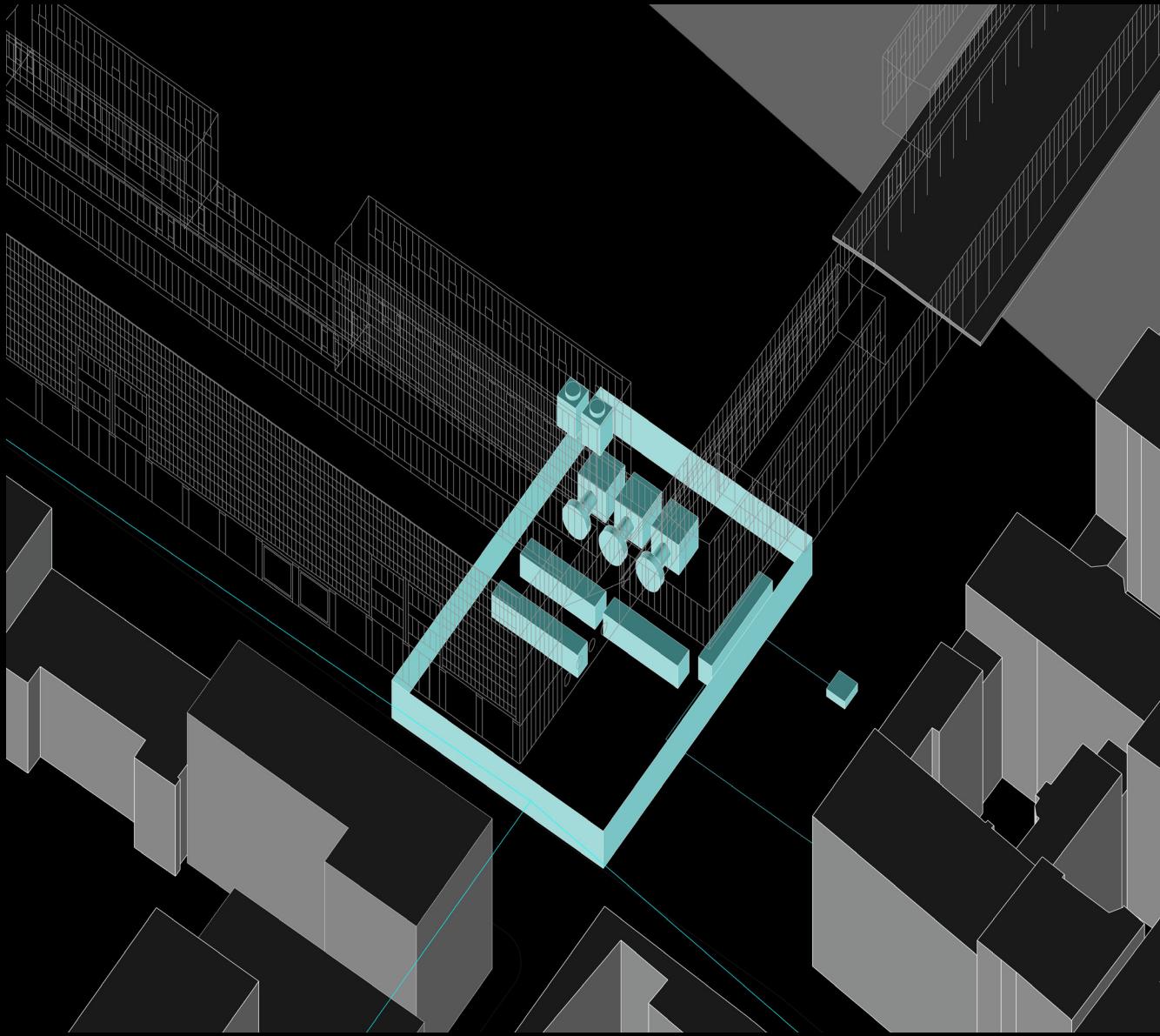
A bridge

A **live** vessel



A **live**-with-music community





An energy infrastructure

REFLECTION



THANK YOU





