

30.8.22

16:45

CONCERTO DINAMICO



PUBLIC BUILDING

MICHAEL LANDMAN

www.concerto-dinamico.nl



Residentie
Orkest
Den Haag

Concerto Dinamico - Classical Hall

Mercuriusweg 3
2516AW Den Haag

Row 2 Seat 3

The Hague Residence Orchestra

Block B left Second floor	Row	Seat
	2	3

Ticket price
65,00 EUR
386662

Tuesday
30.08.2022
16:45

72111 A
13.11.2021 17:24:57

An ensemble of

RC Royal
TH Conservatory
The Hague

**Ticket switch
Accepted**

1. MUSIC MARVEL
2. PREMISE
3. RESEARCH
4. DESIGN

music marvel



music marvel

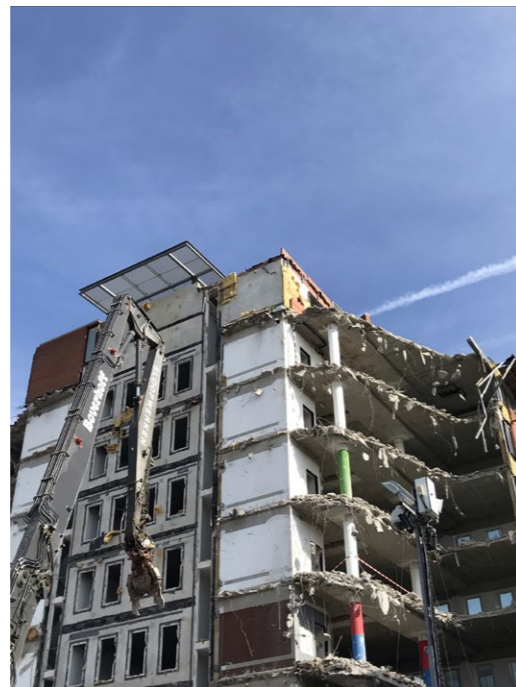


music marvel

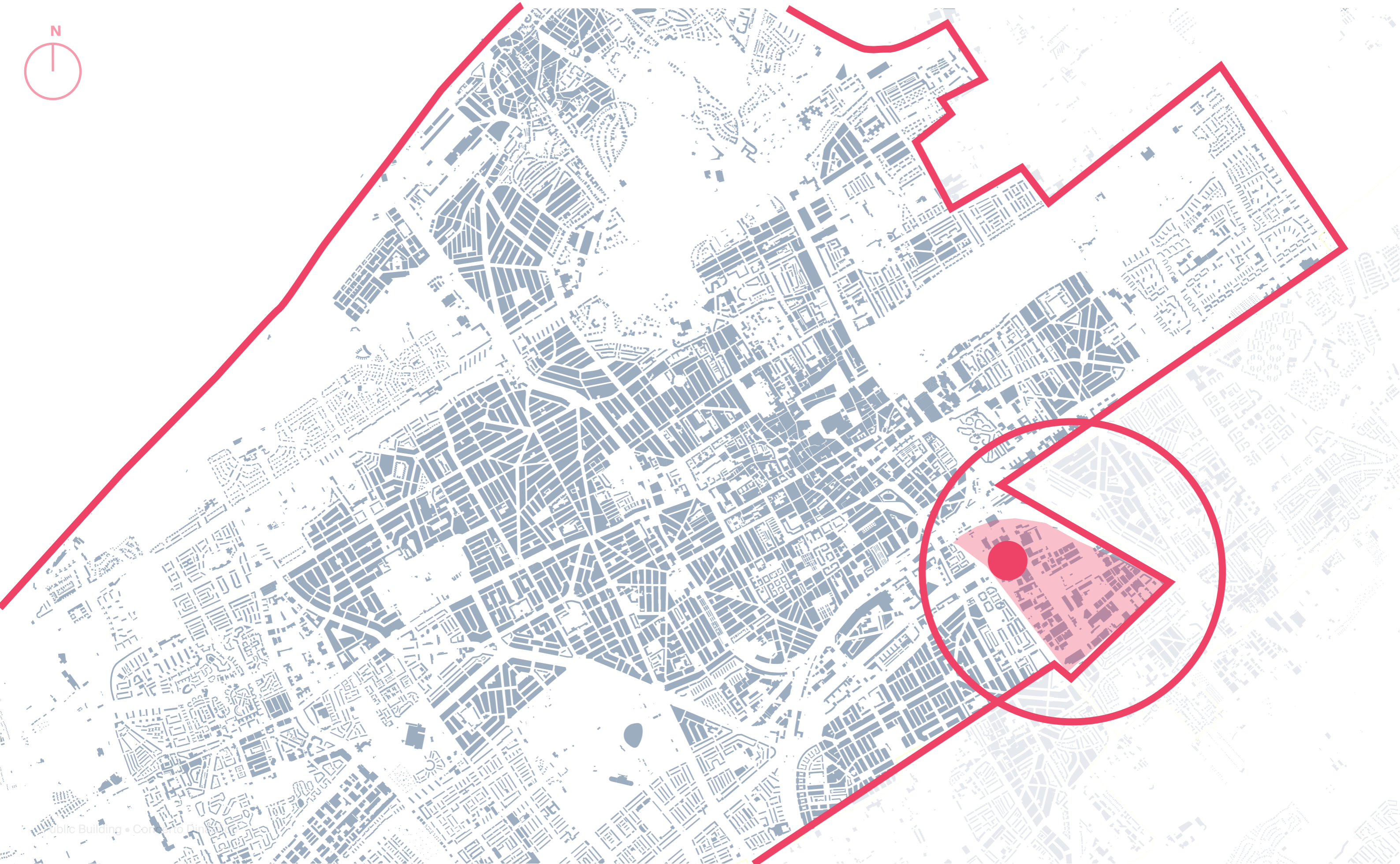
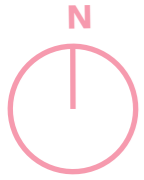


1. MUSIC MARVEL
- 2. PREMISE**
3. RESEARCH
4. DESIGN

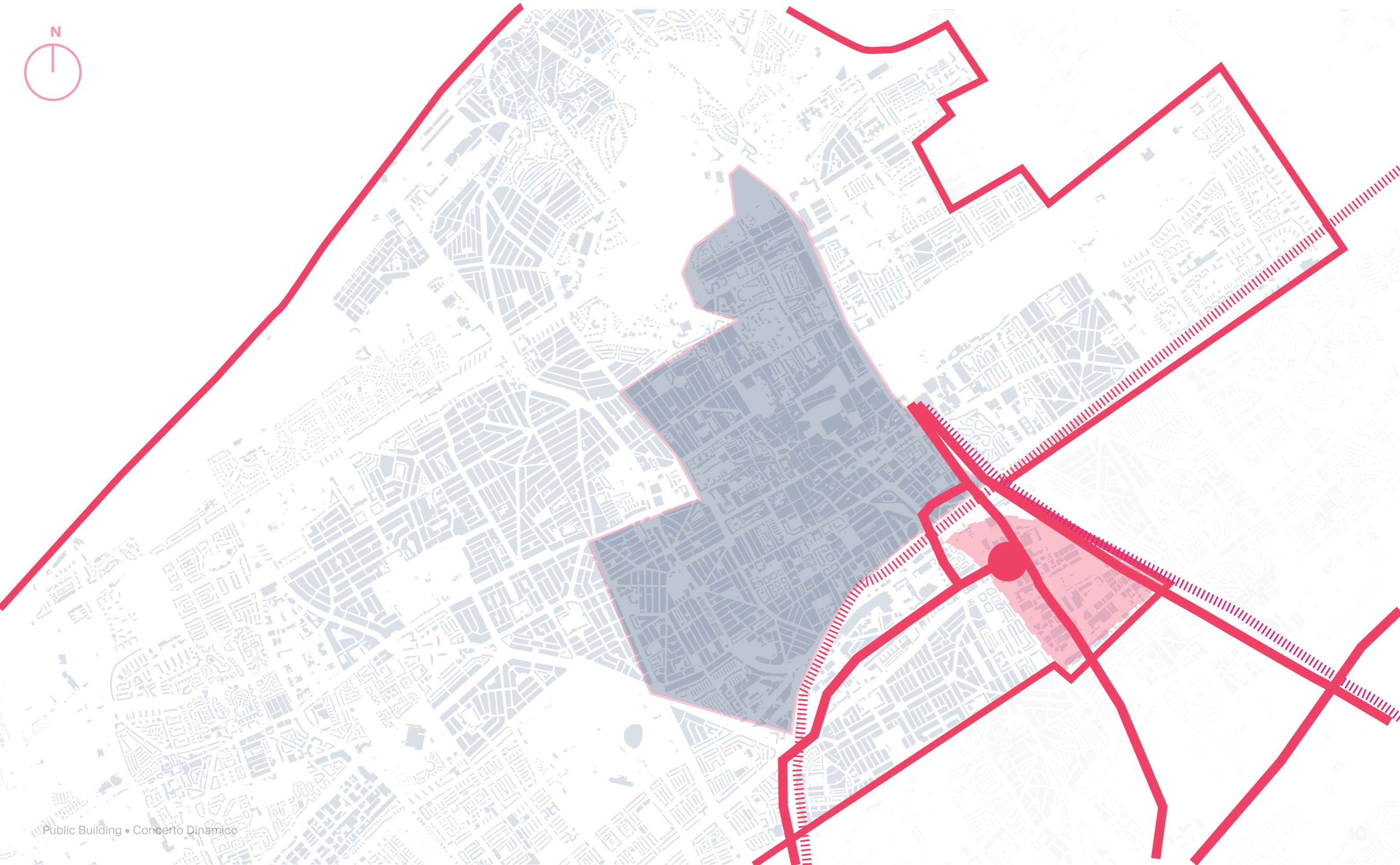
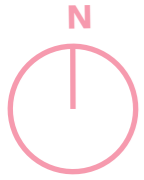
CONTEXT



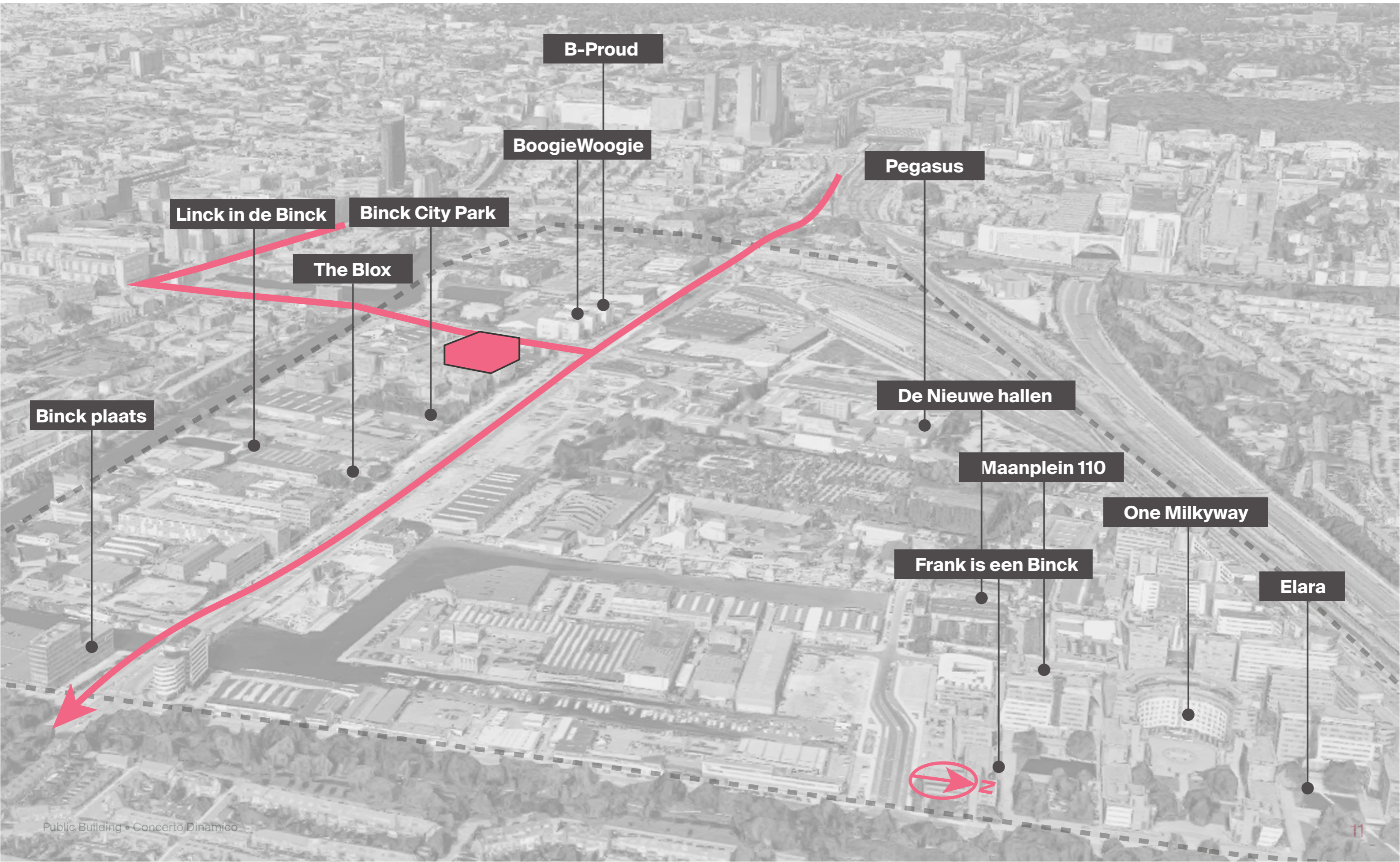
CONTEXT



CONTEXT



CONTEXT



B-Proud

BoogieWoogie

Pegasus

Linck in de Binck

Binck City Park

The Blox

Binck plaats

De Nieuwe hallen

Maanplein 110

One Milkyway

Frank is een Binck

Elara

CONTEXT



Southbound Rotterdamsebaan

CONTEXT



B-Proud, OZ Architects

GOALS

City to impose a beating heart of culture in the new mixed-residential zone

Connection to provide a publicly accessible urban interior

Multiplicity to serve as multifunctional and futureproof music venue

Culture to manifest a new generation of classical music enthusiasts

CHANCES

Modern media consumption changes music-listening habits

Traditional



Contemporary



CHANCES

Increase in younger classical music listeners through music streaming

Traditional



65+

Contemporary



CHANCES

Increase of hybrid developments in the live classical music scene

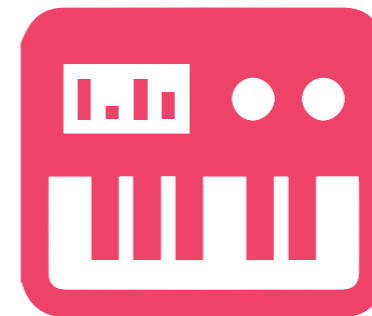
Traditional



65+



Contemporary



1. MUSIC MARVEL
2. PREMISE
- 3. RESEARCH**
4. DESIGN

RESEARCH QUESTION

How can **dynamic re-iteration** of concert hall designs **modernise** the audience **experience** of the live contemporary **classical music scene**?

RESEARCH SEQUENCE

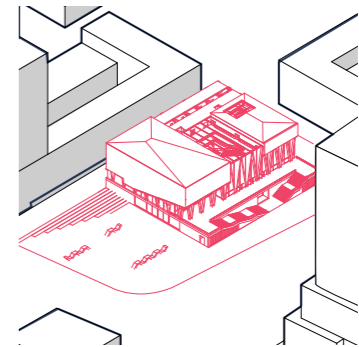
RESEARCH

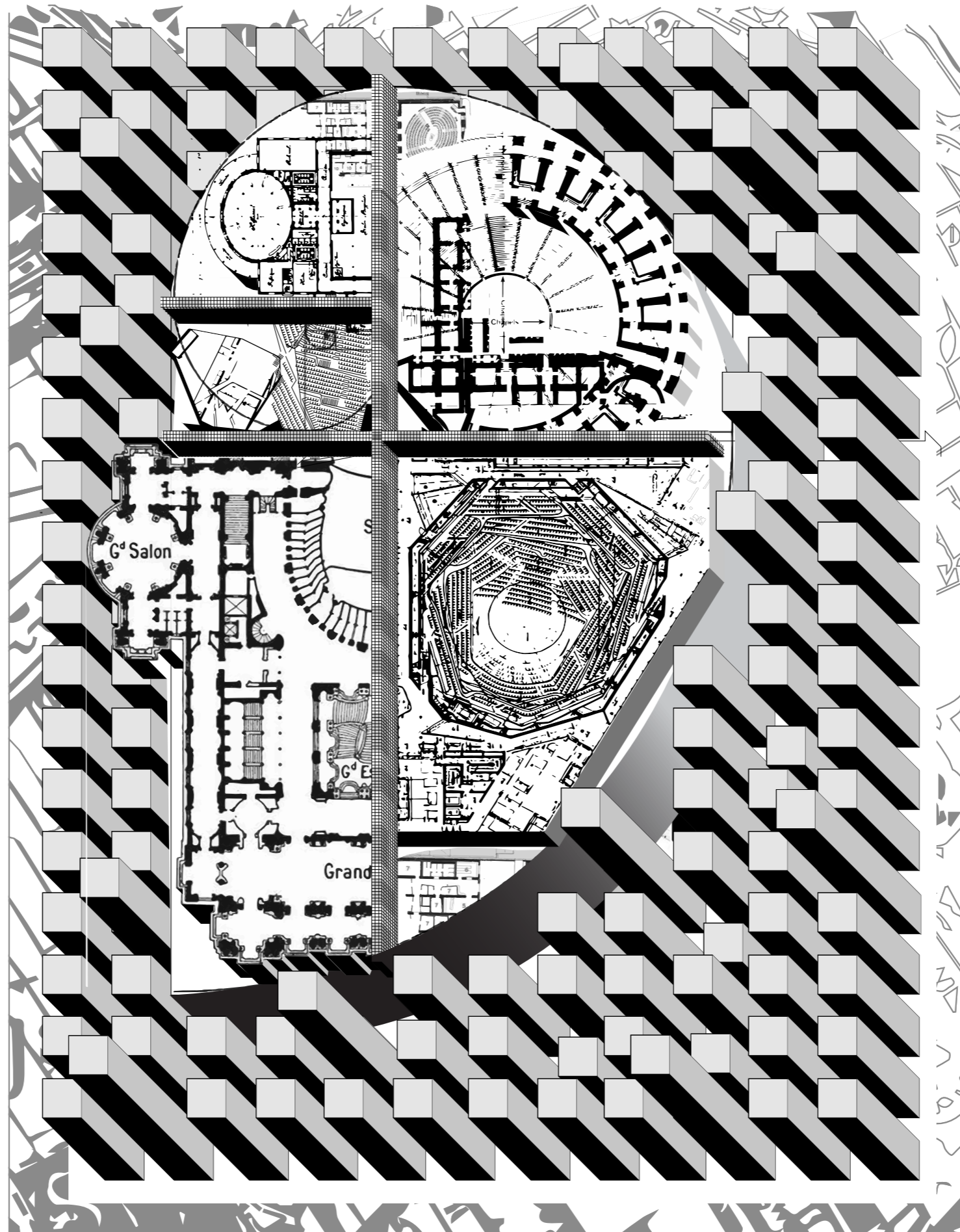


→ Object → Movement → Perception

DESIGN

Perception → Movement → Object →





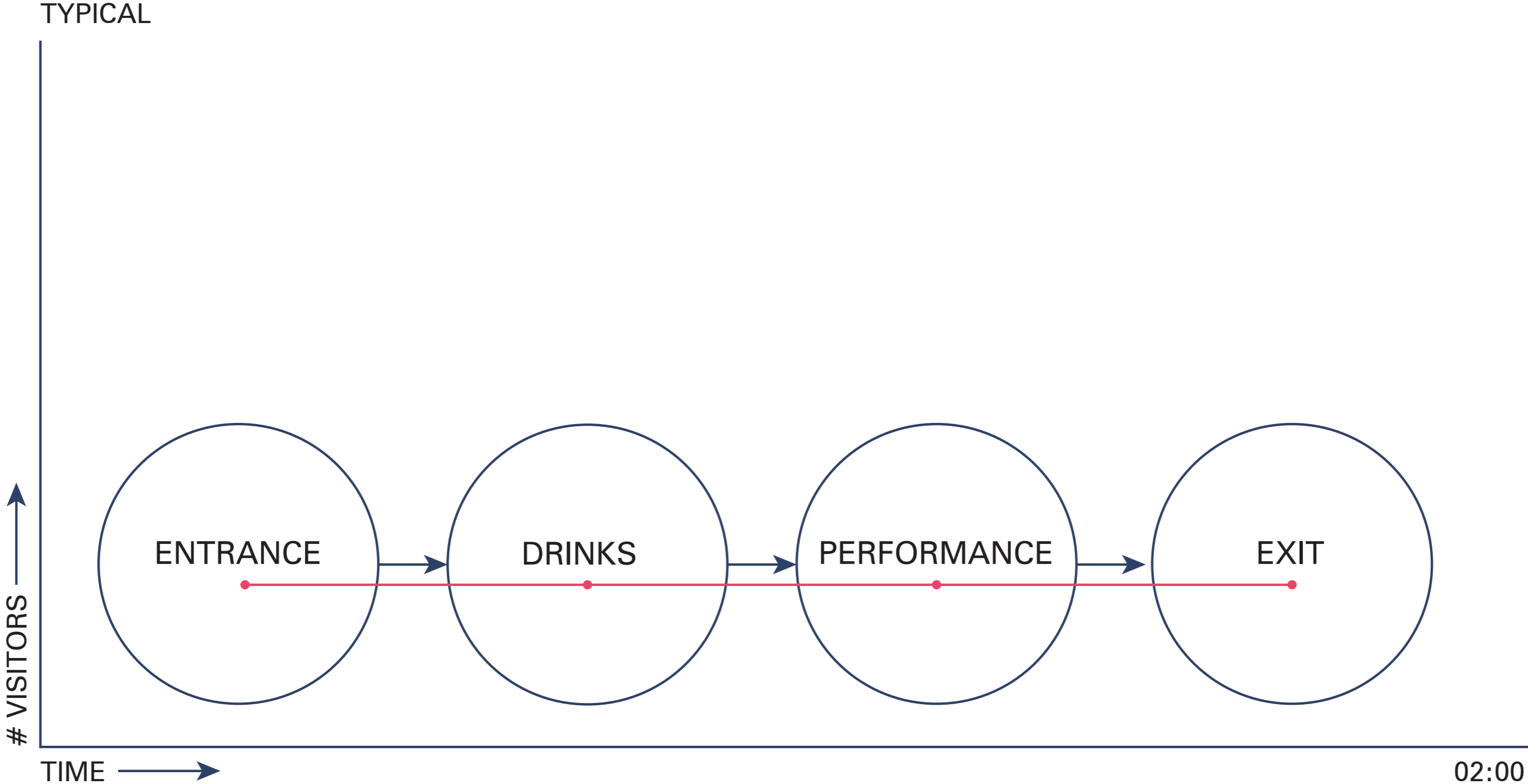
PERCEPTION



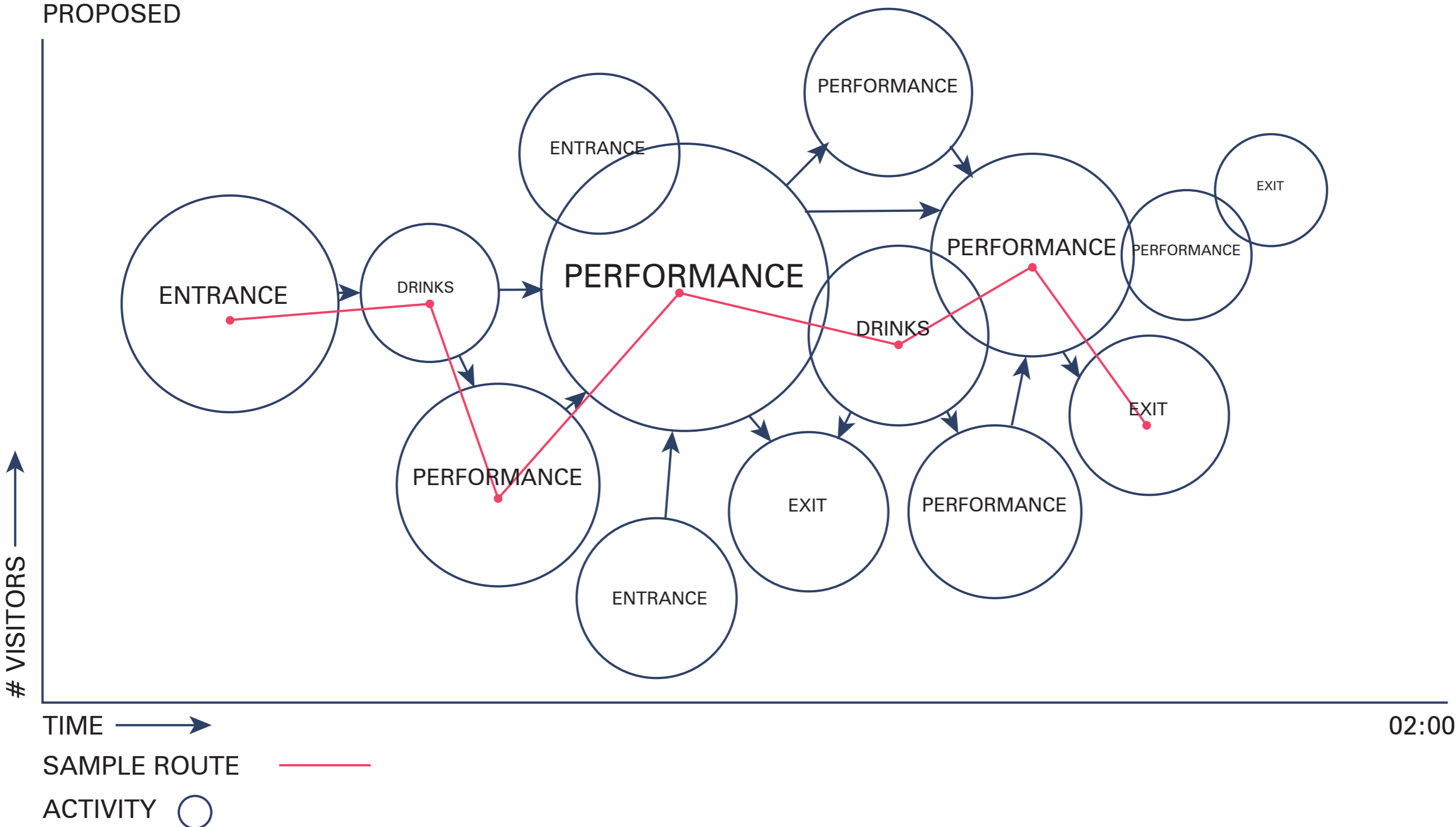
PERCEPTION



MOVEMENT



MOVEMENT



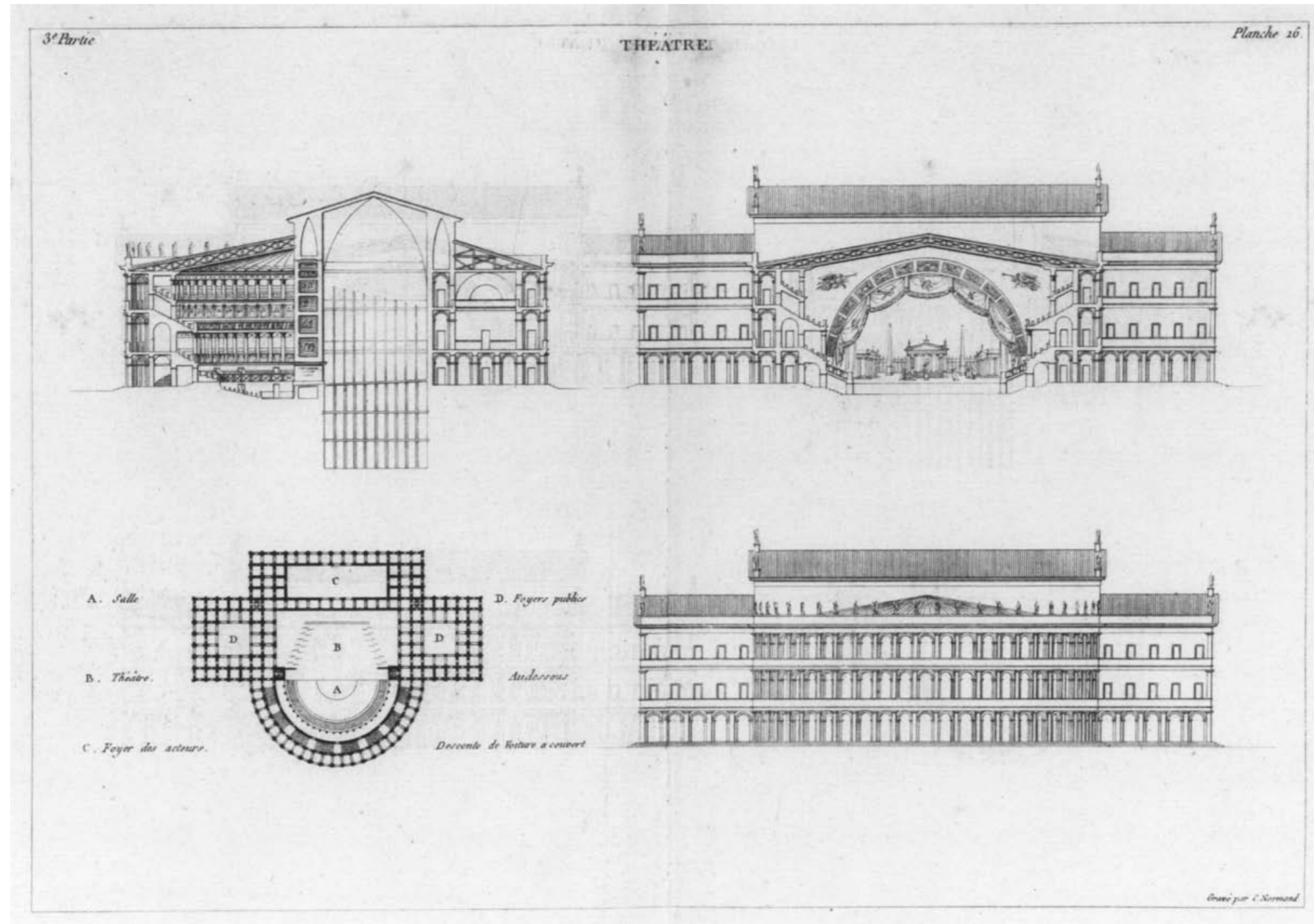
OBJECT



OBJECT



ARCHITECTURAL REFERENCE CATALOGUE



Jean-Nicholas Durand, exemple Theatre,
Précis des Leçons d'Architecture

ARCHITECTURAL REFERENCE CATALOGUE

Conclusions

Music Marvel

Teatro Oficina, Sao Paulo

Paradiso, Amsterdam

Case Conclusions

Philharmonie, Paris

Muziekgebouw aan 't IJ, Amsterdam

Public Building

Royal Festival Hall, London

Oslo Opera House, Oslo

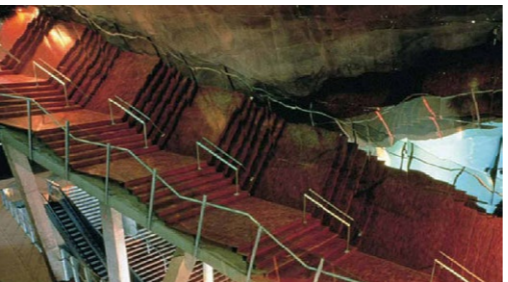
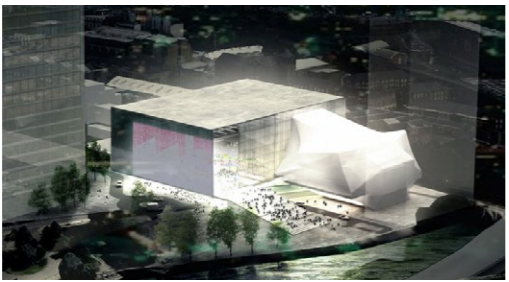
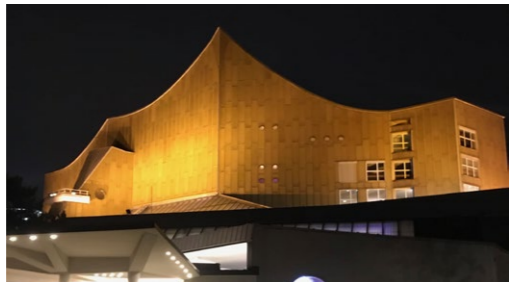
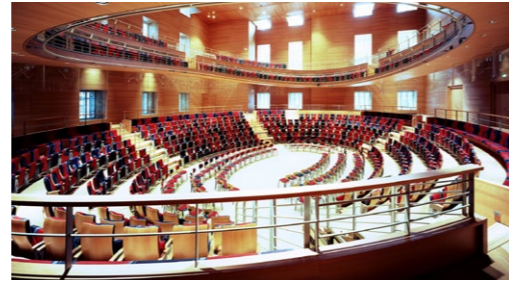
Barbican Centre, London

Elbphilharmonie, Hamburg

music
marvel

REFERENCE CATALOGUE

Concert halls

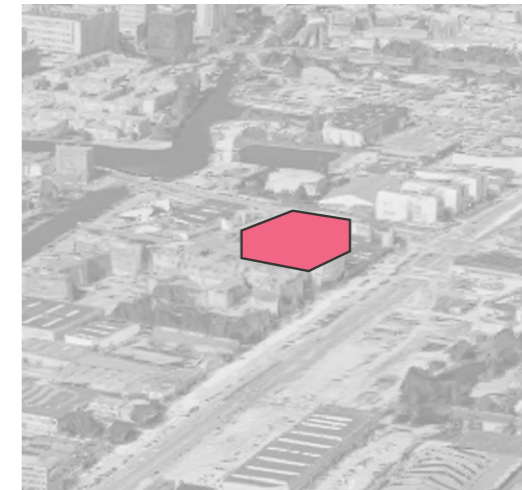
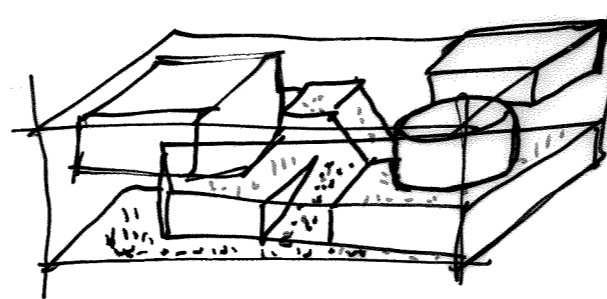
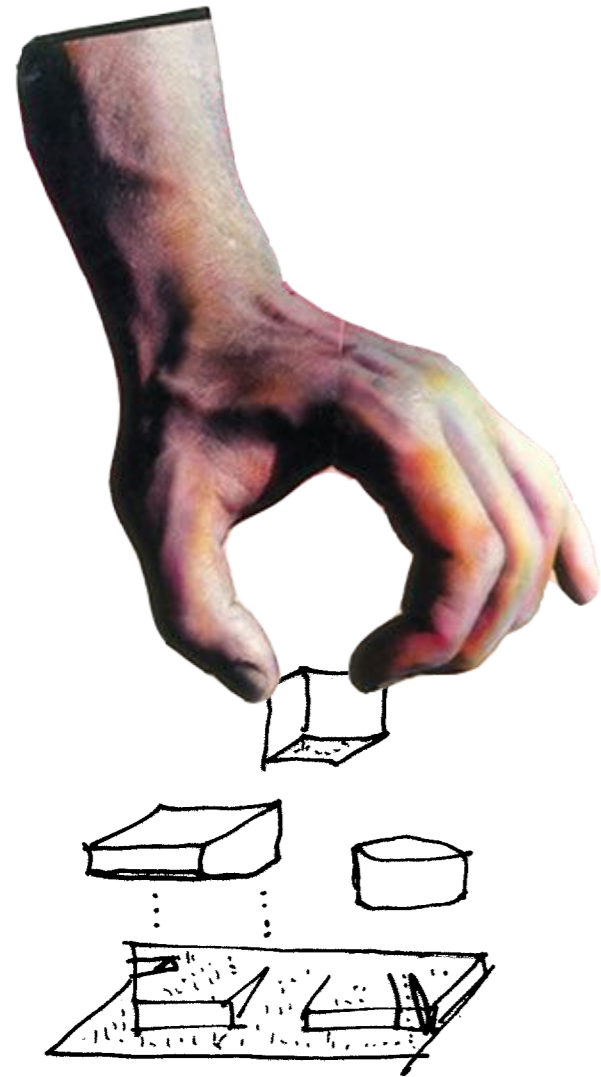


Museums,
hybrids



1. Royal Festival hall 2. Pierre Boulez Saal 3. Gdansk Shakespeare 4. Teatro Reggjo 5. Berliner Philharmonic 6. Opéra Garnier 7. Berlin Philharmonic 8. Factory arts centre 9. Mumbai city museum 10. Congrexpo 11. Neue Nationalgalerie 11. Carré d'Art 12. Eye museum 13. Neue Staatsgalerie

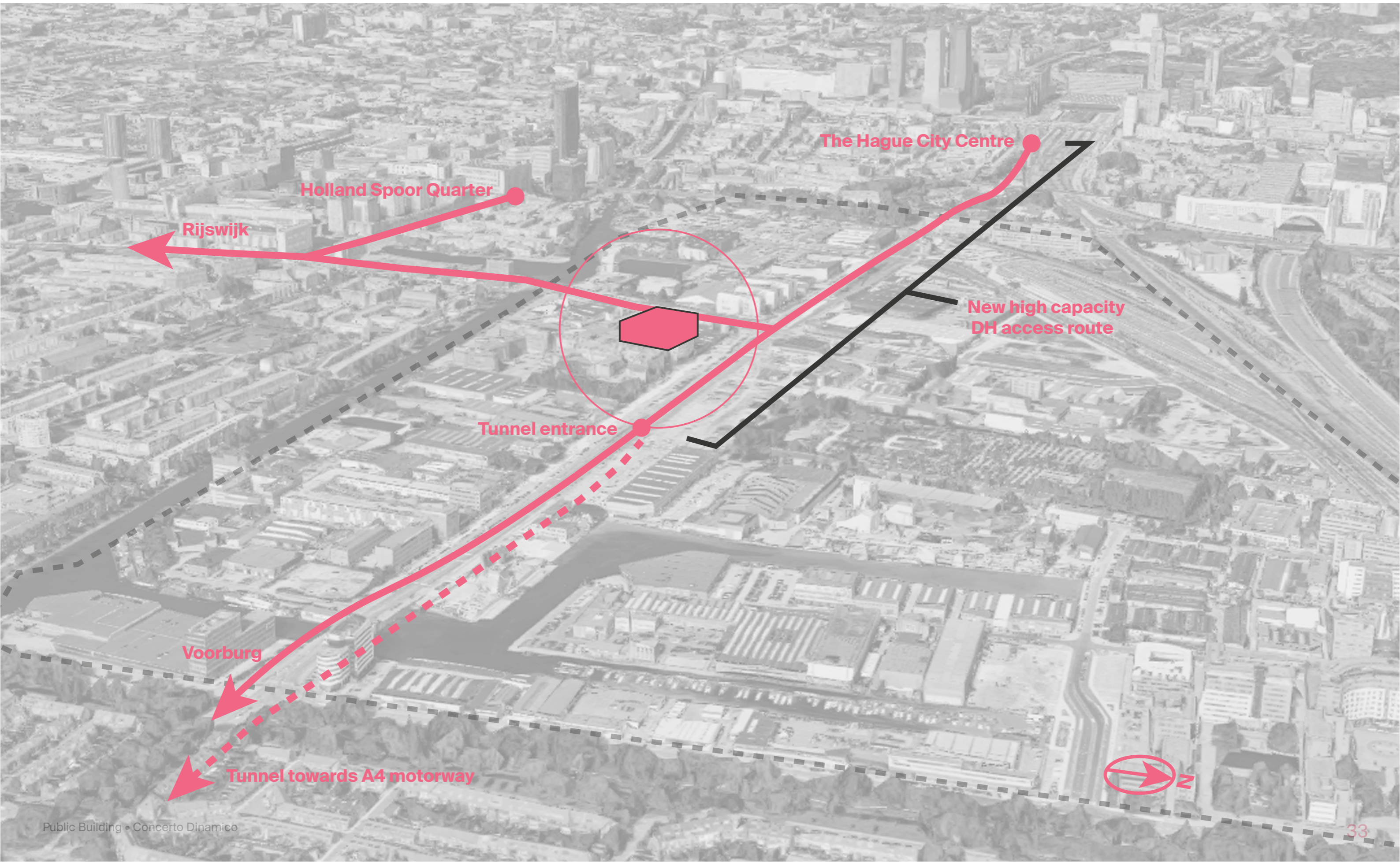
CATALOGUE APPLICATION



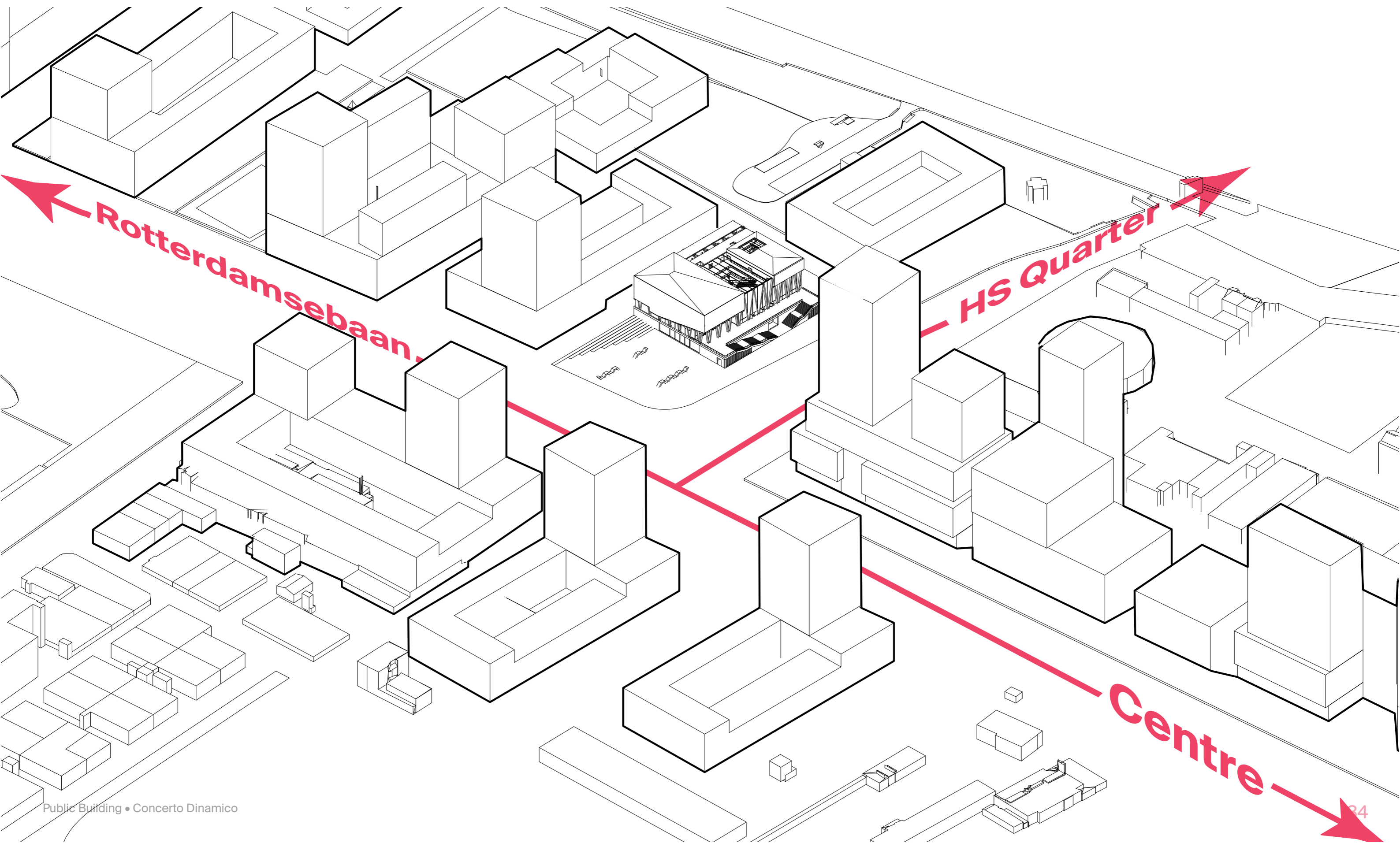
CONTEXT



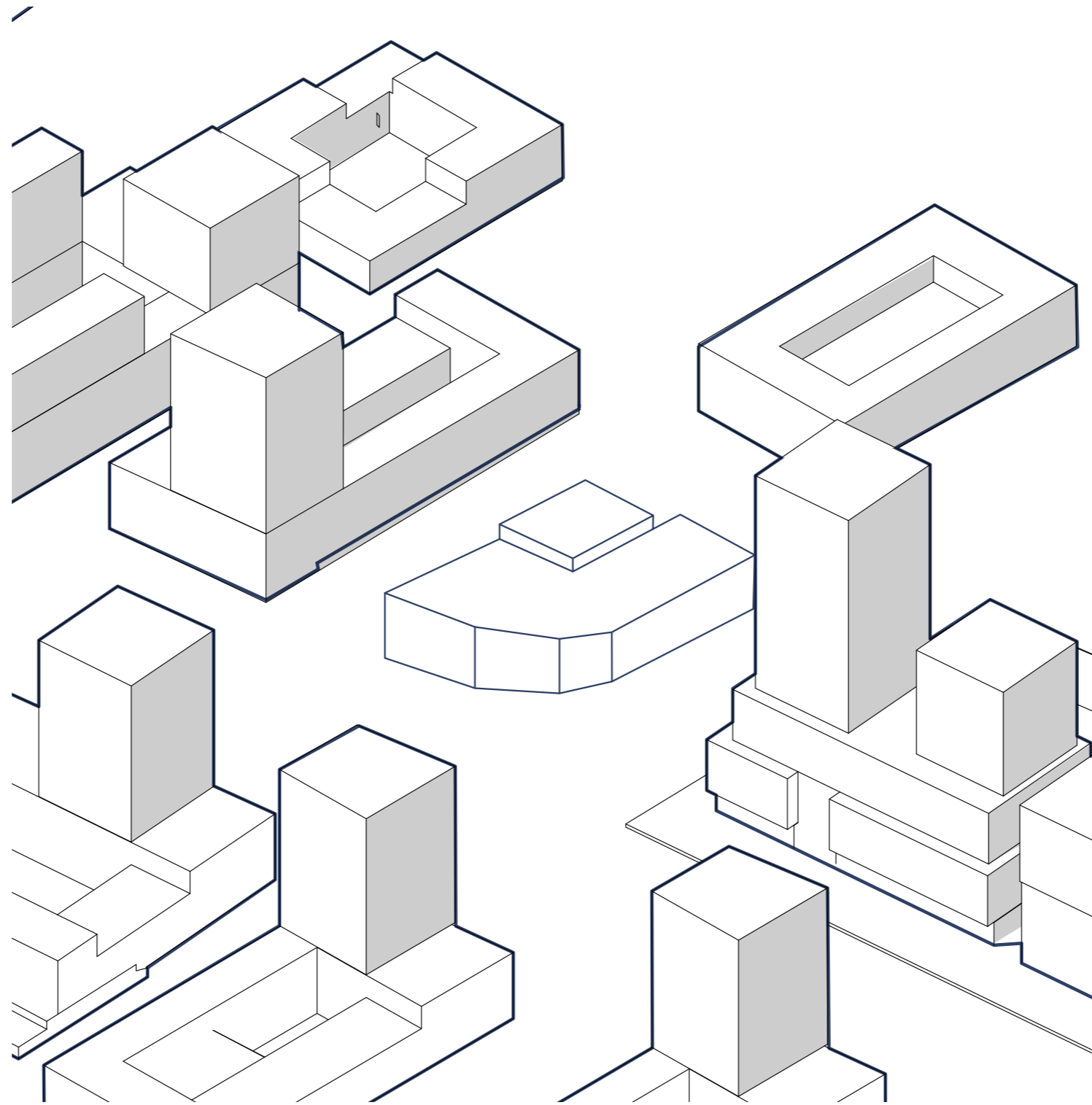
CONTEXT



CONTEXT

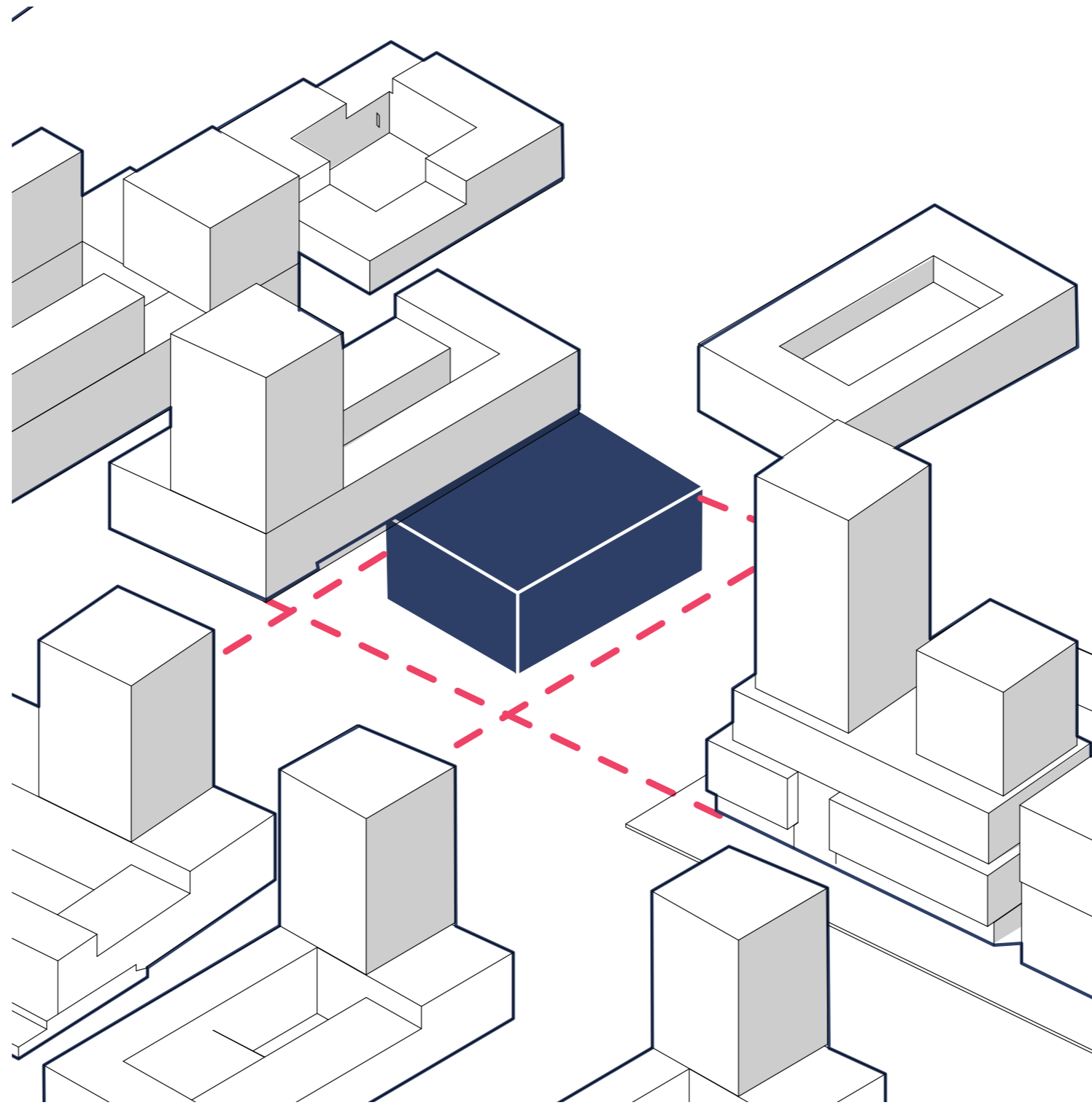


URBAN CONTEXT



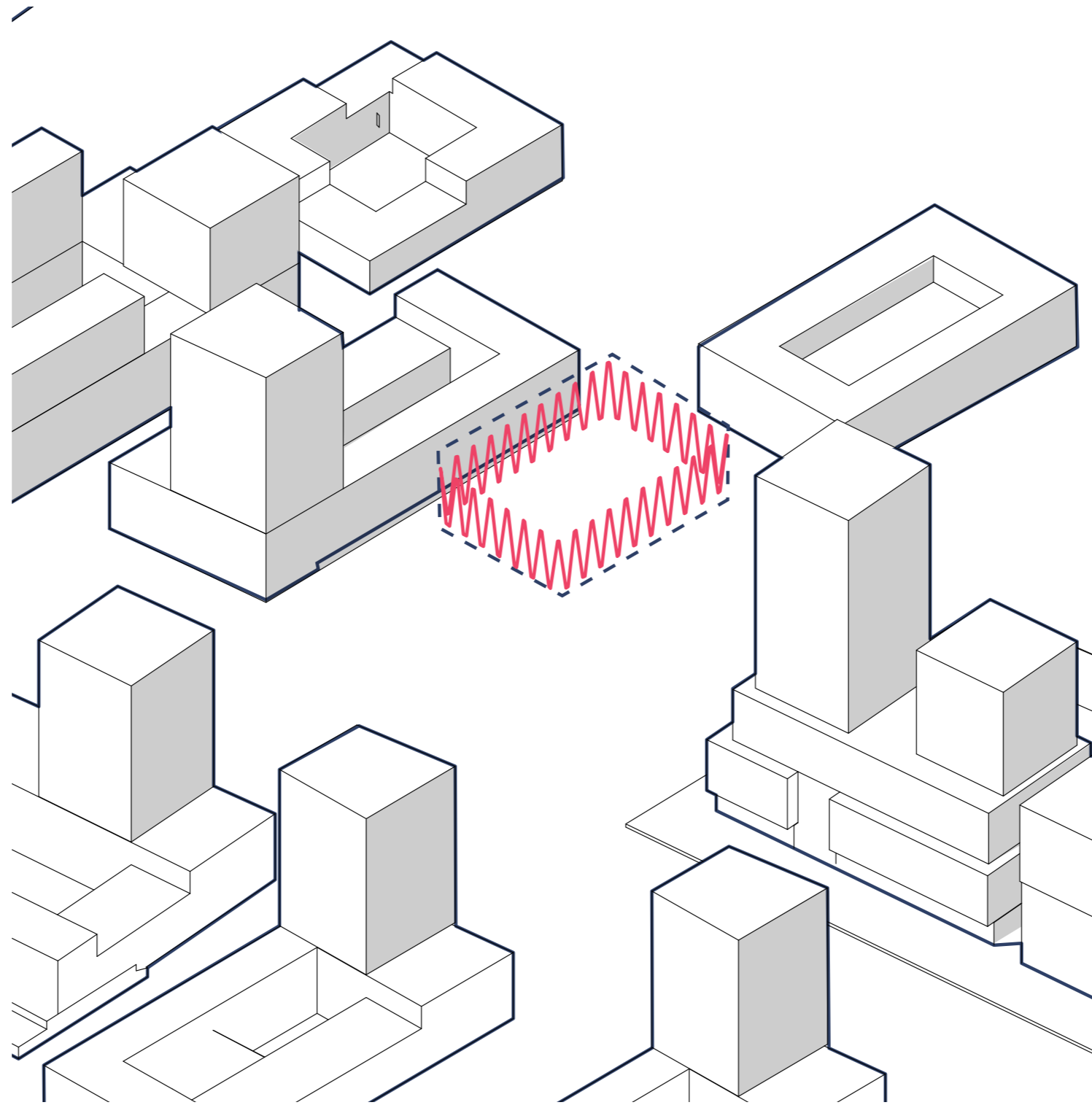
Existing situation

URBAN CONTEXT



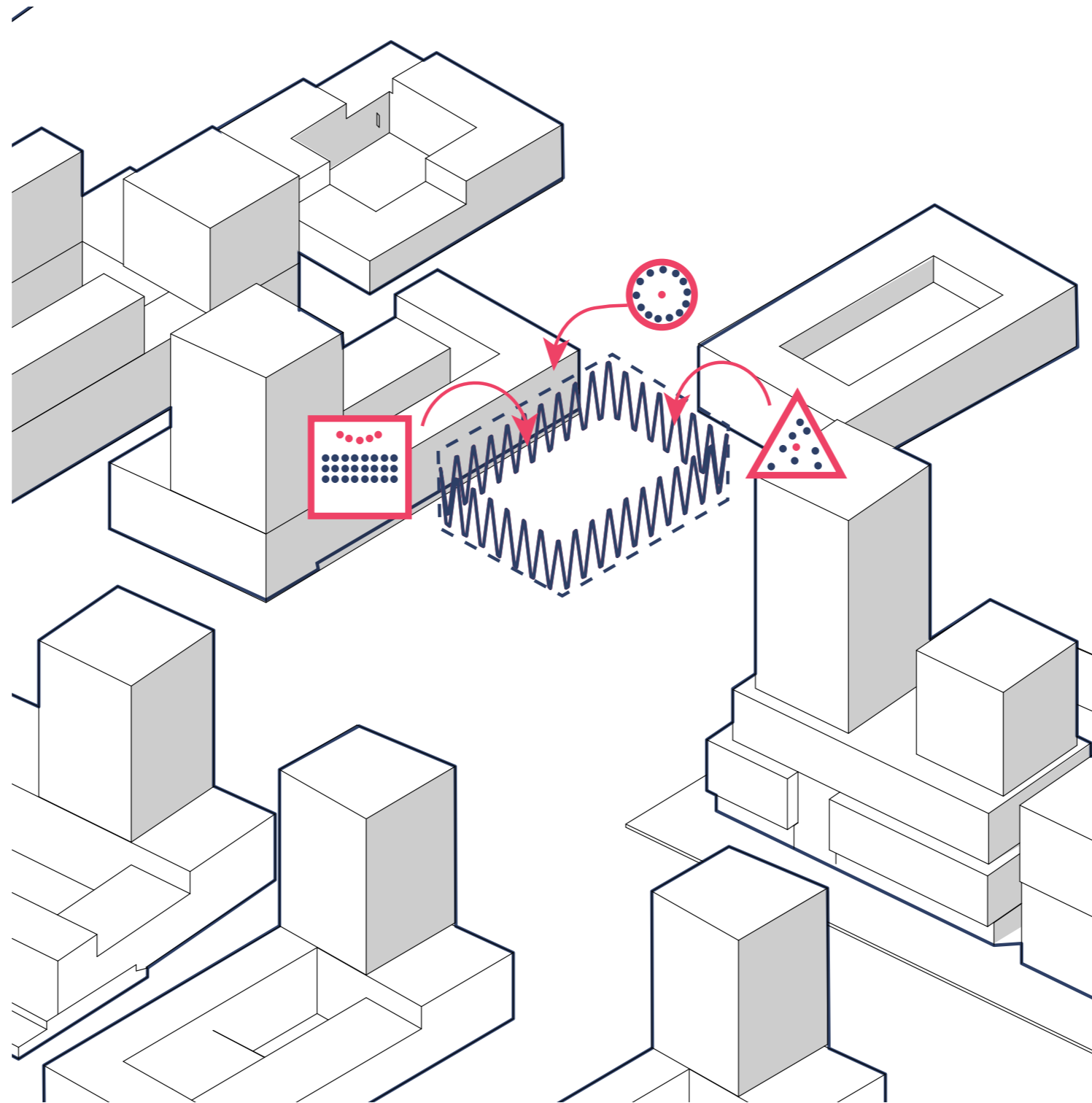
Imposing a distanced structure

URBAN CONTEXT



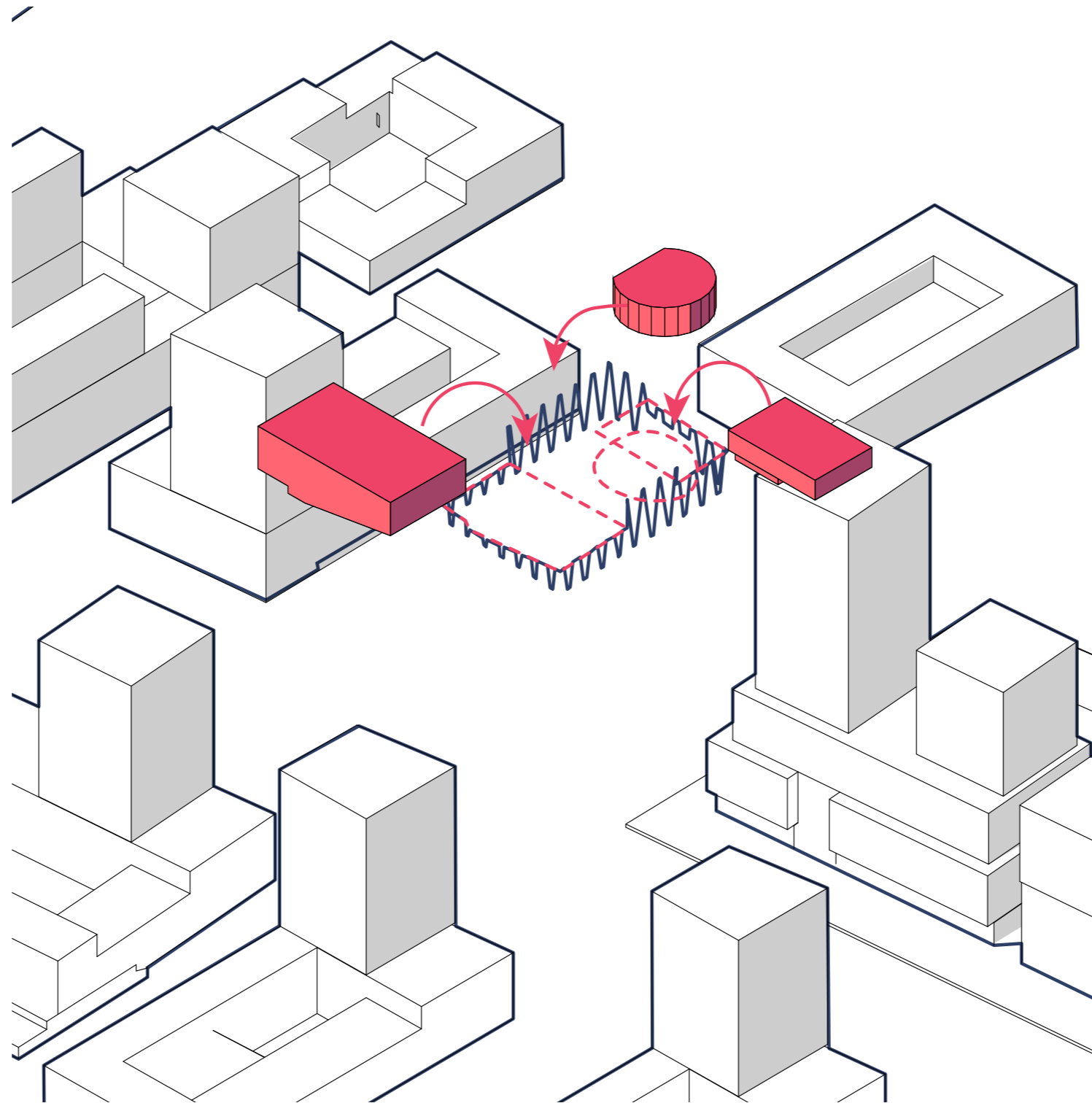
Defining a physical frame

PERCEPTION



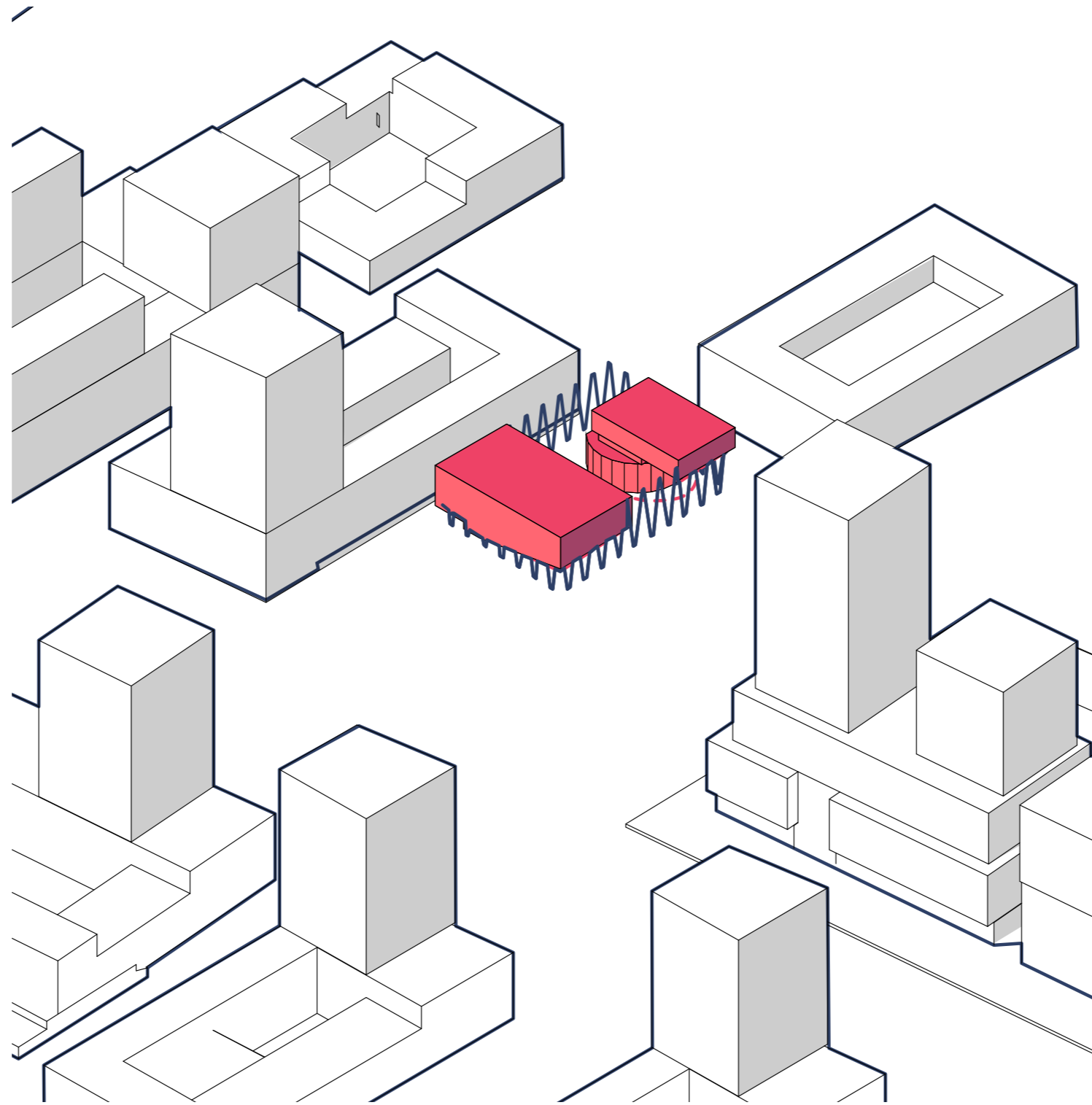
Various performer-audience relationships

OBJECT



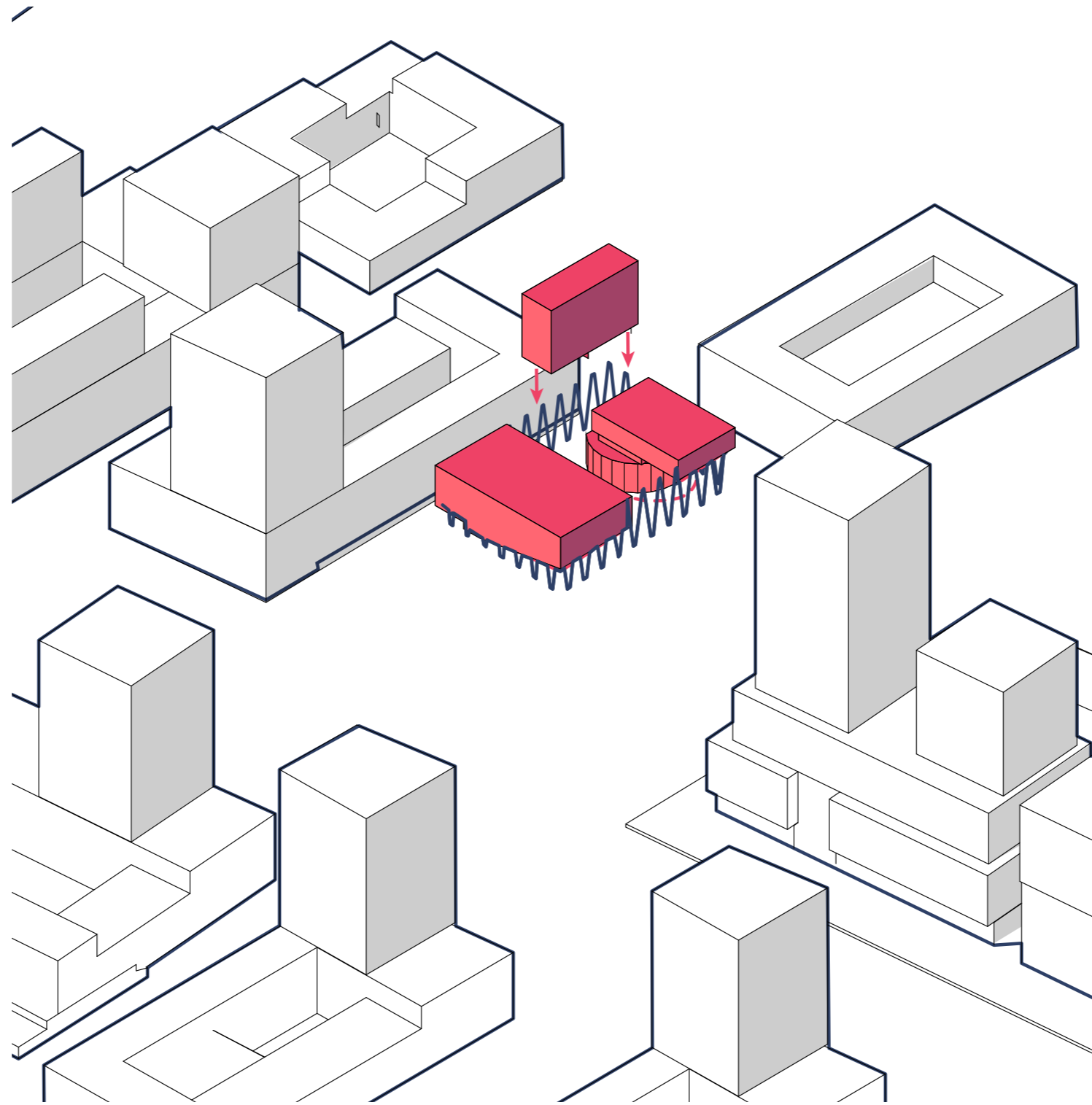
Form components using catalogue

OBJECT



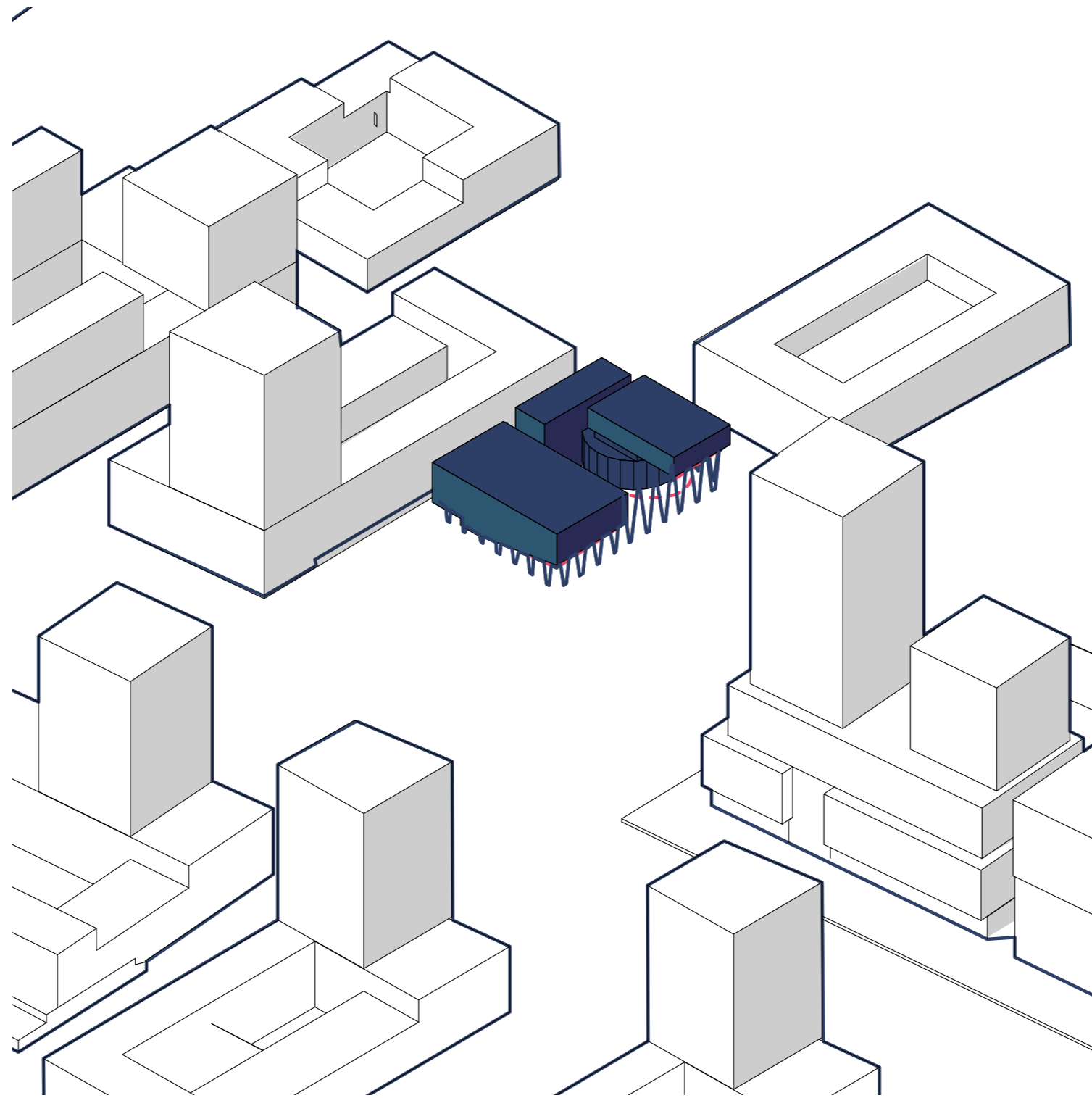
Components enter frame

OBJECT



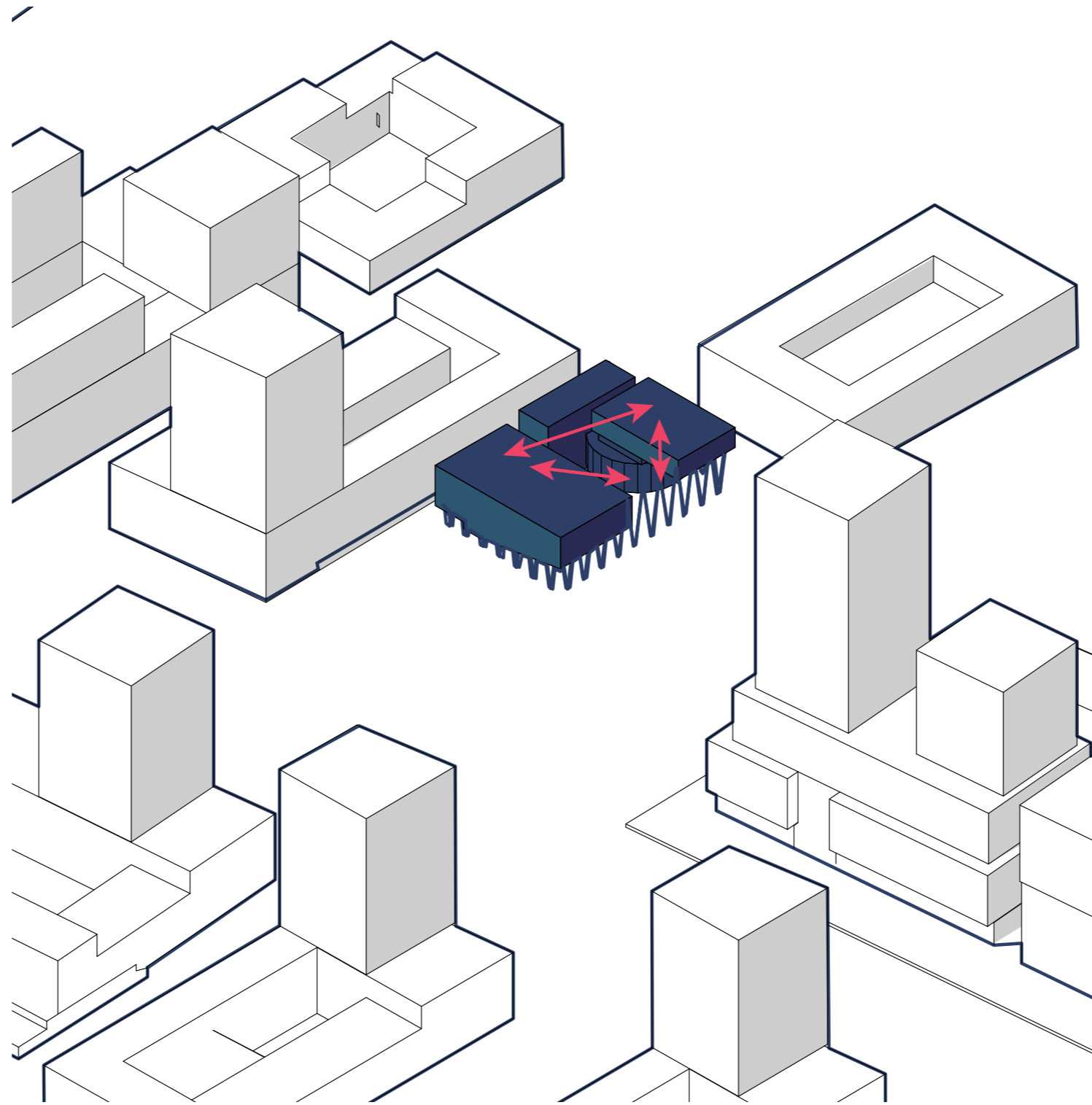
Enter backbone block in frame

OBJECT



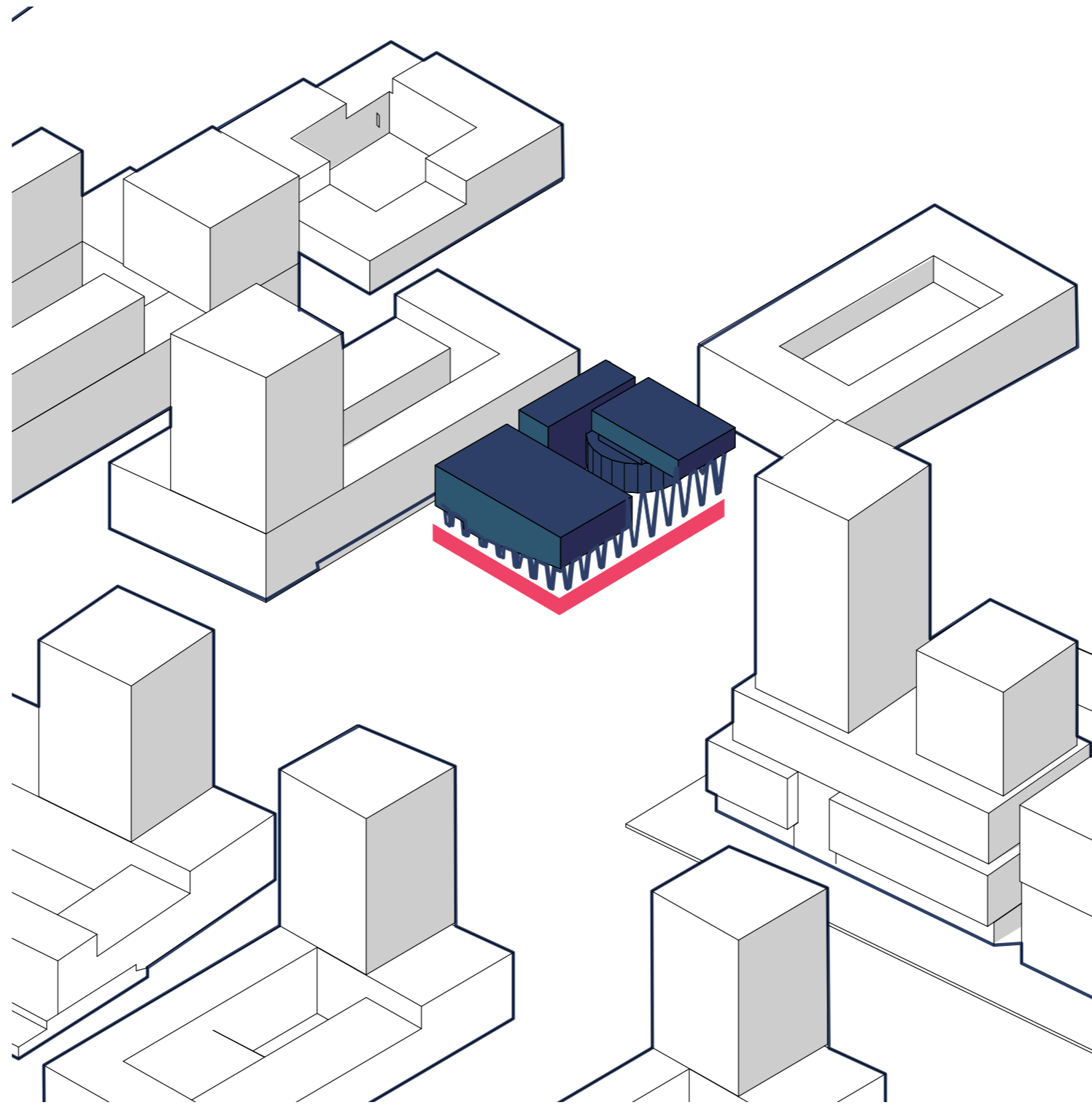
Frame filled

MOVEMENT



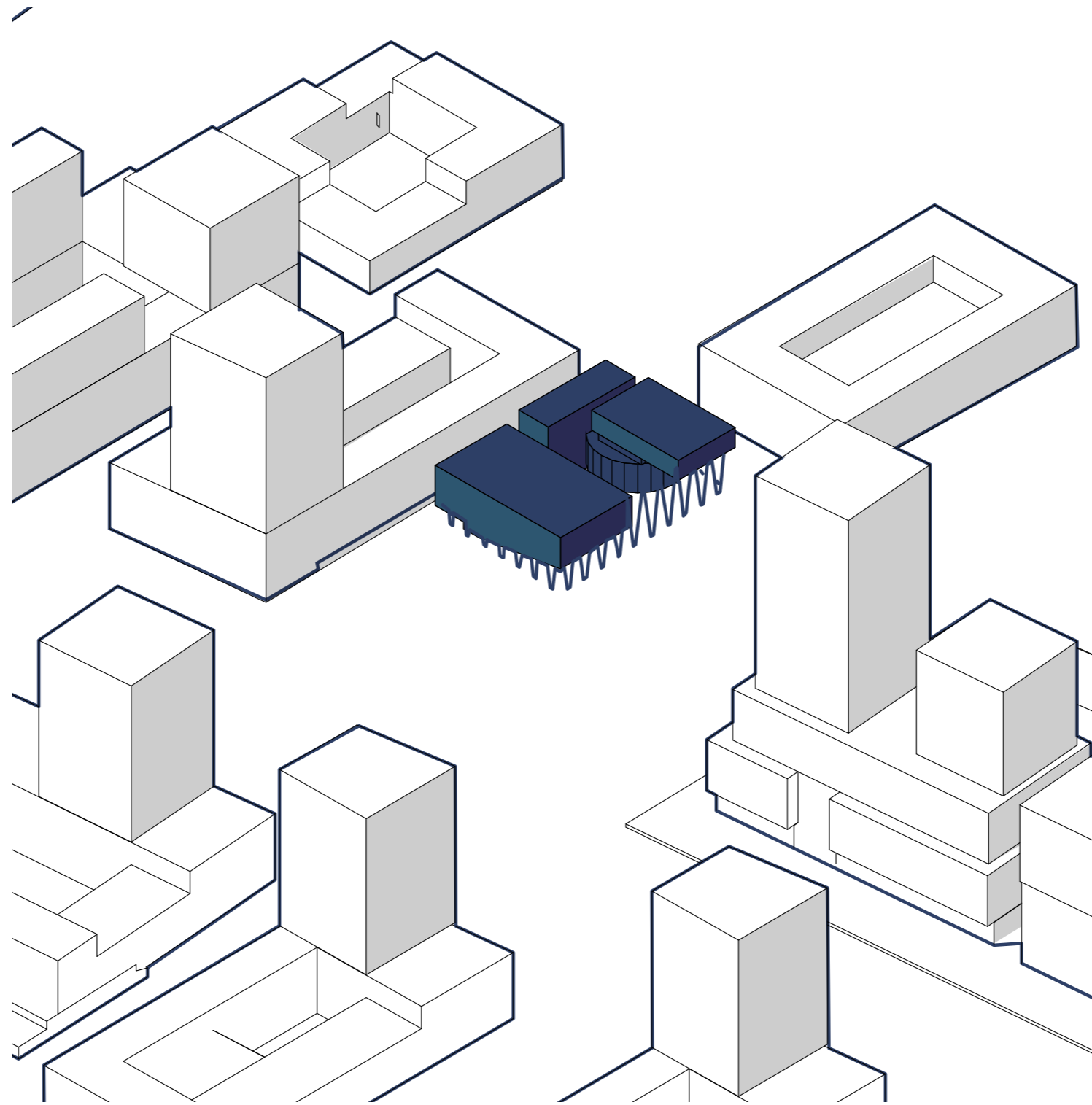
Interconnecting through routes

MOVEMENT



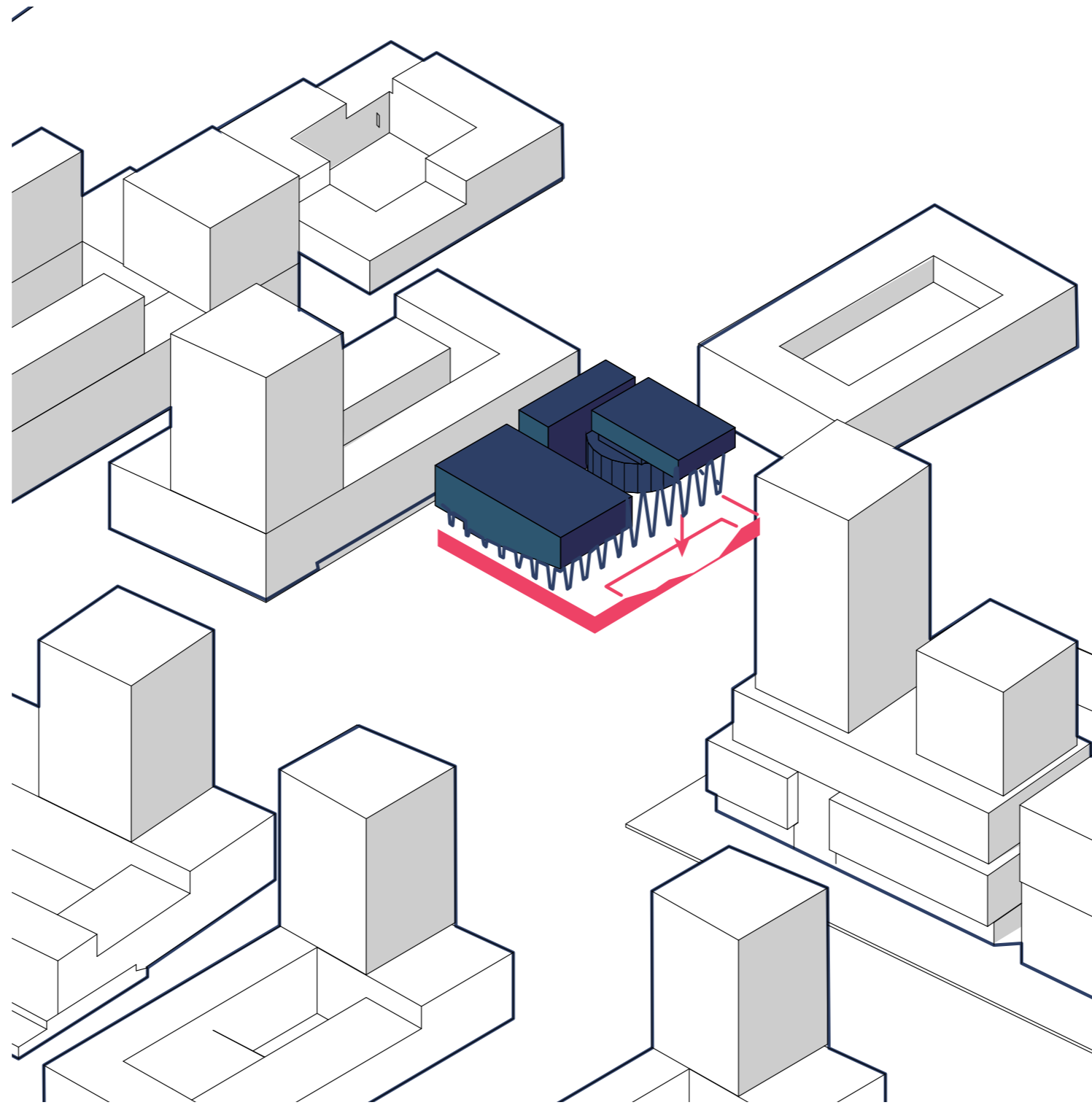
Raising objects on pedestal

MOVEMENT



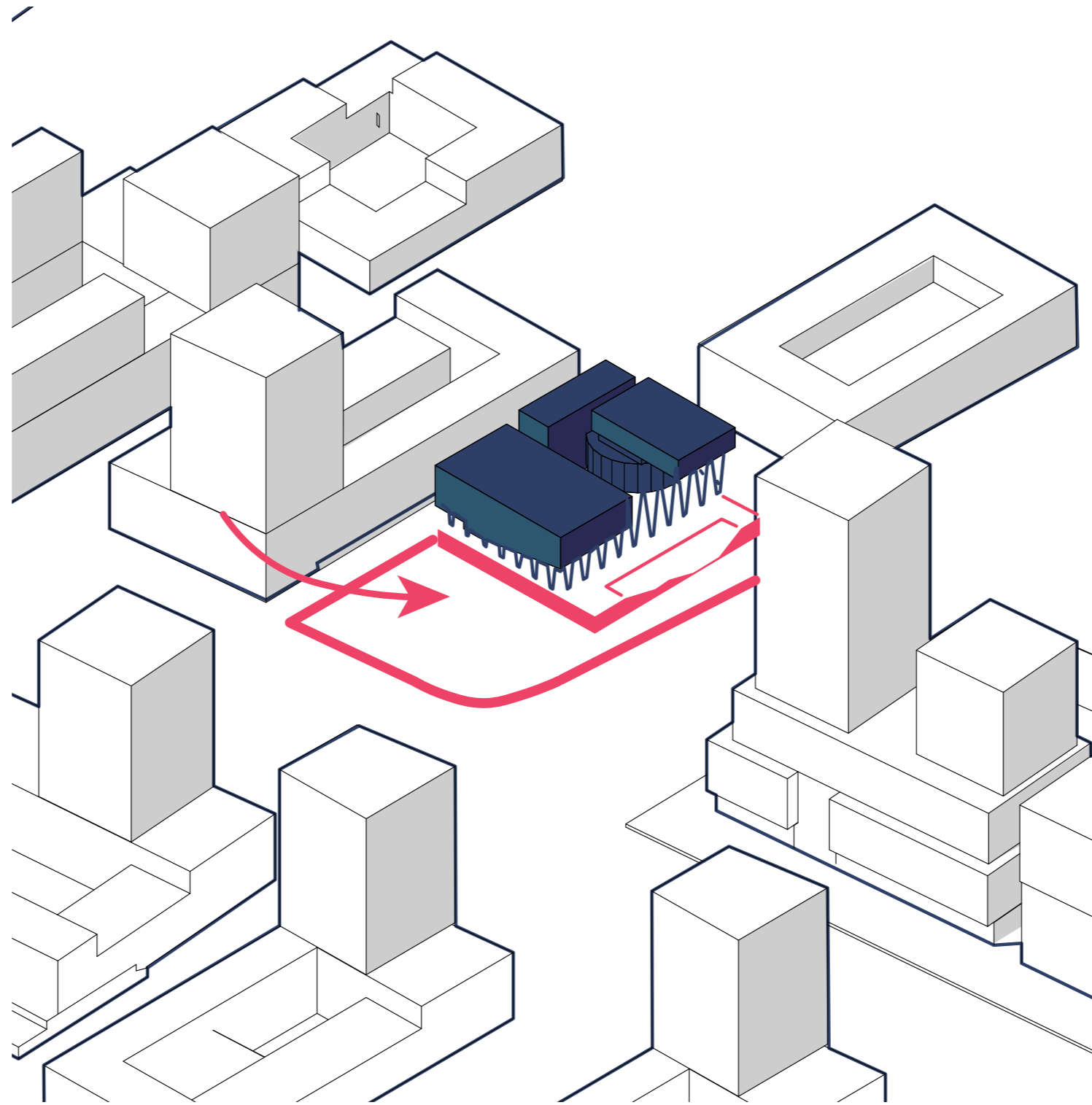
Extending pedestal as balcony

MOVEMENT



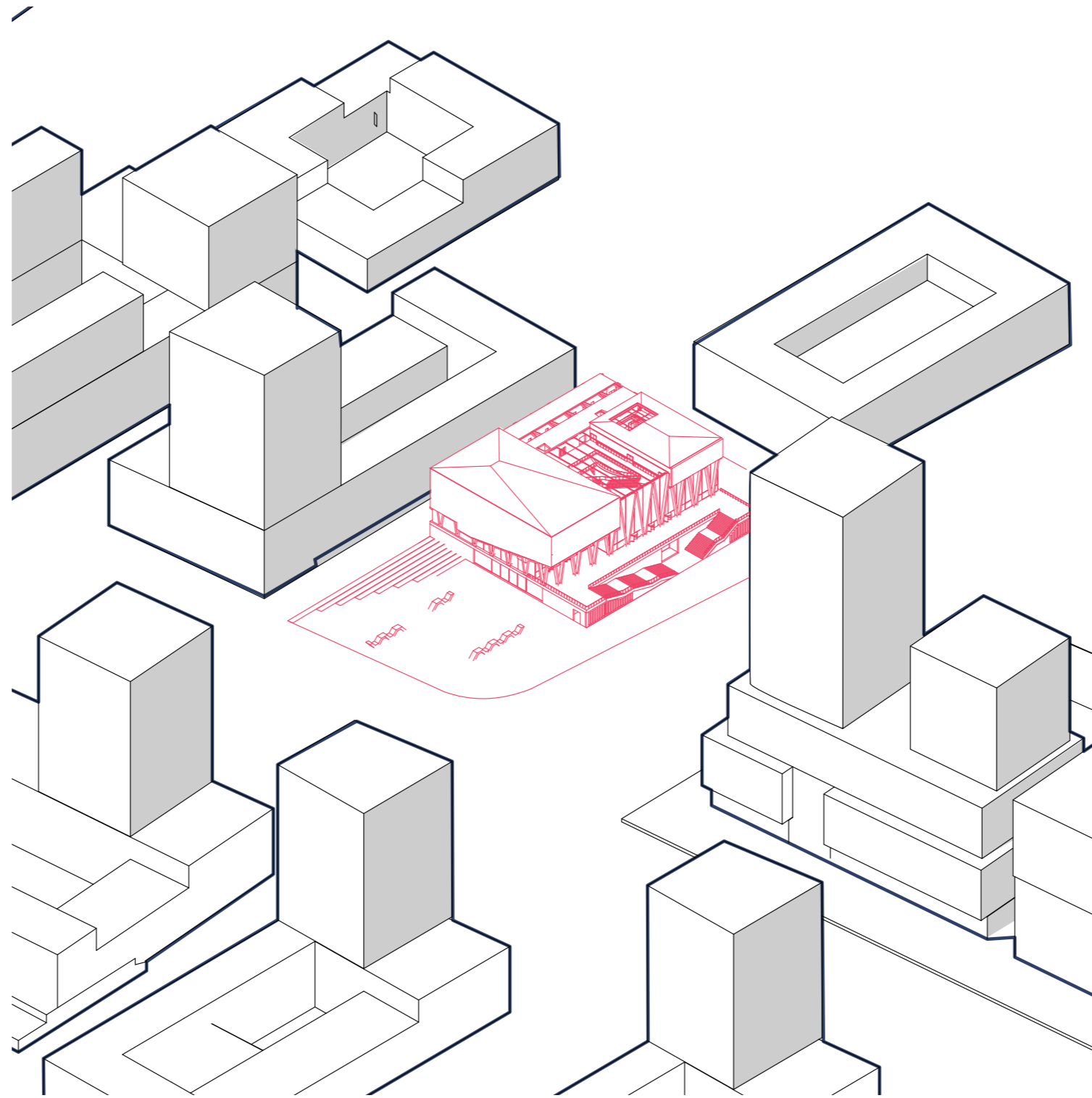
Lowering balcony to invite urban activity

MOVEMENT



Placing structure onto lowered square to engage entrances

PRODUCT



MORPHOLOGY



east-west axis

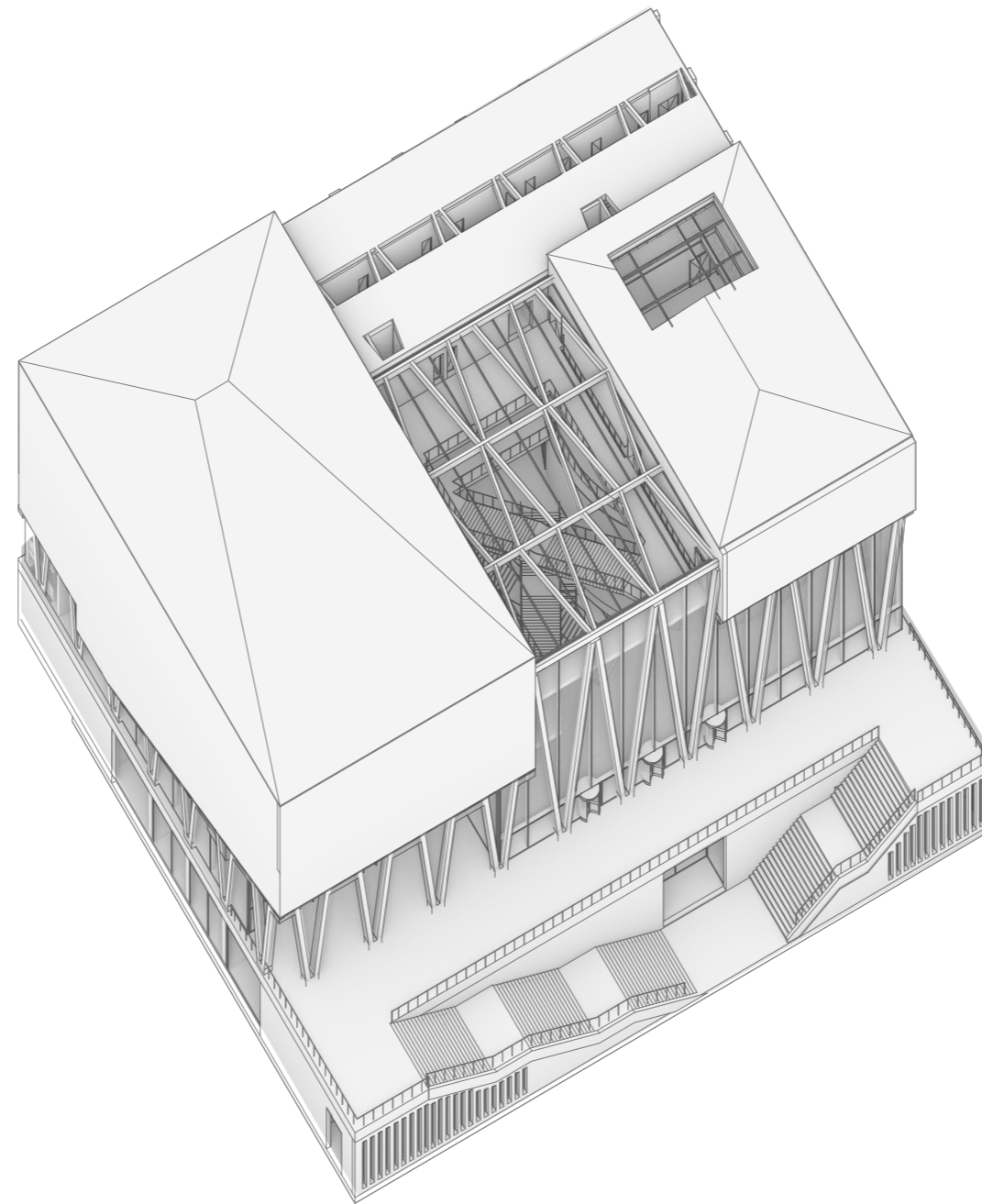
MORPHOLOGY



north-south axis

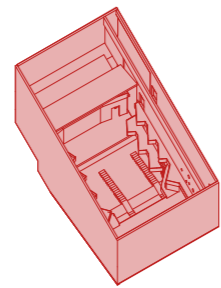
1. MUSIC MARVEL
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COMPONENTS

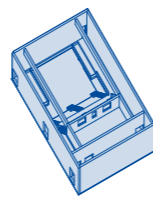


COMPONENTS

Classical Hall



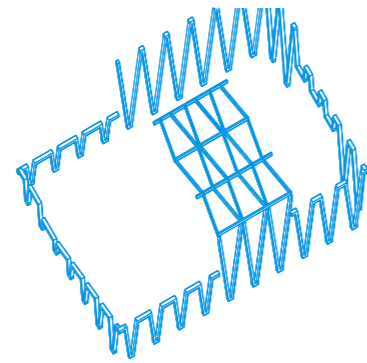
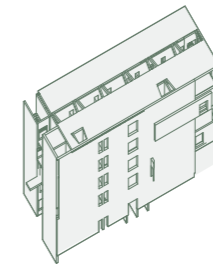
Shakespeare hall



Horseshoe hall



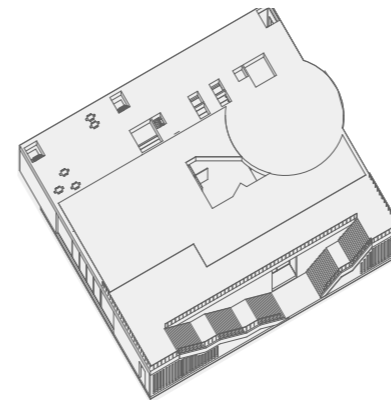
Servant space



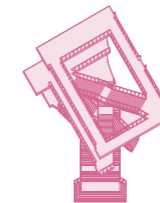
Weave



Column booths



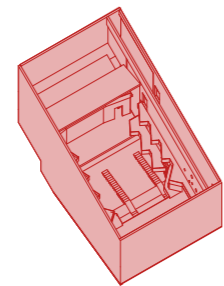
Plinth



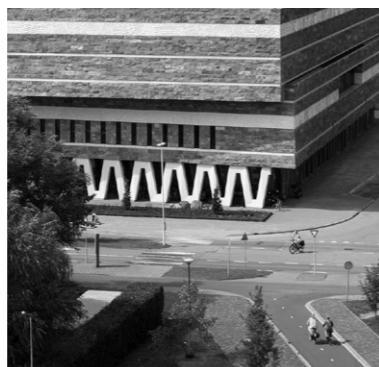
Connections



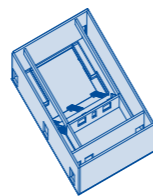
Classical Hall



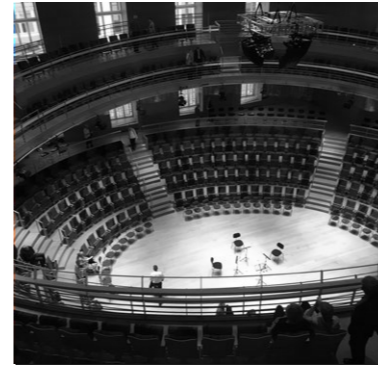
Weave



Shakespeare hall



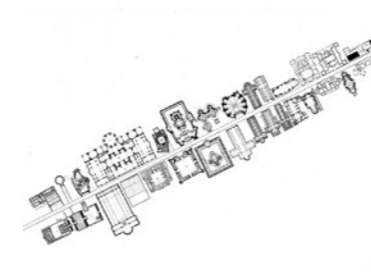
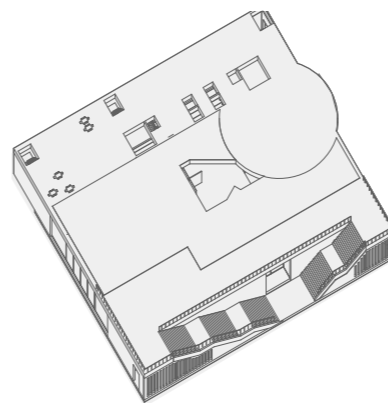
Column booths



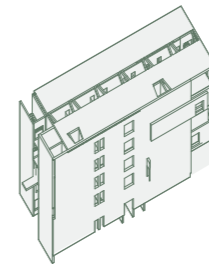
Horseshoe hall



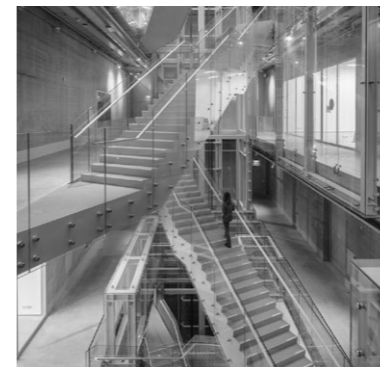
Plinth



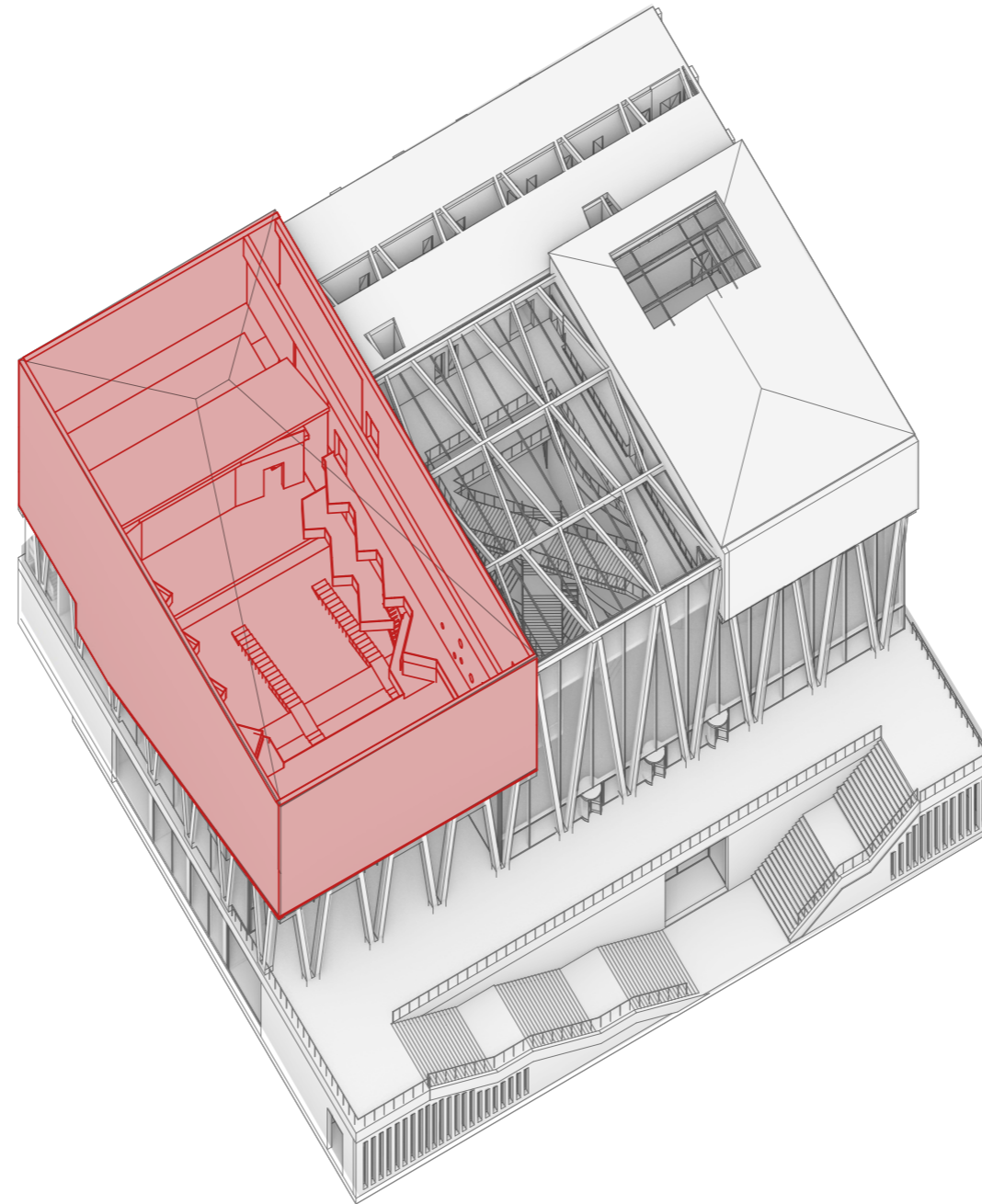
Servant space



Connections

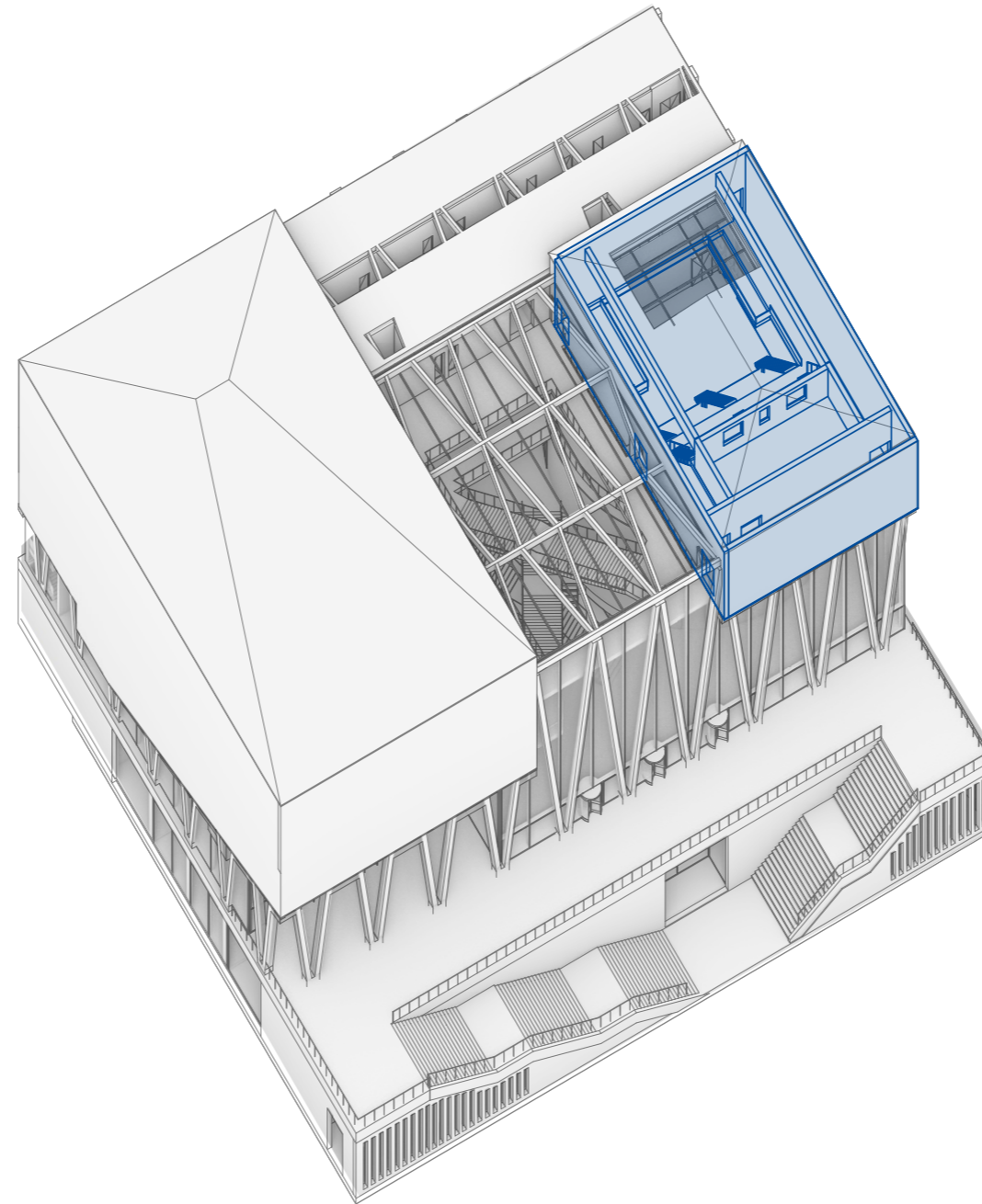


COMPONENTS



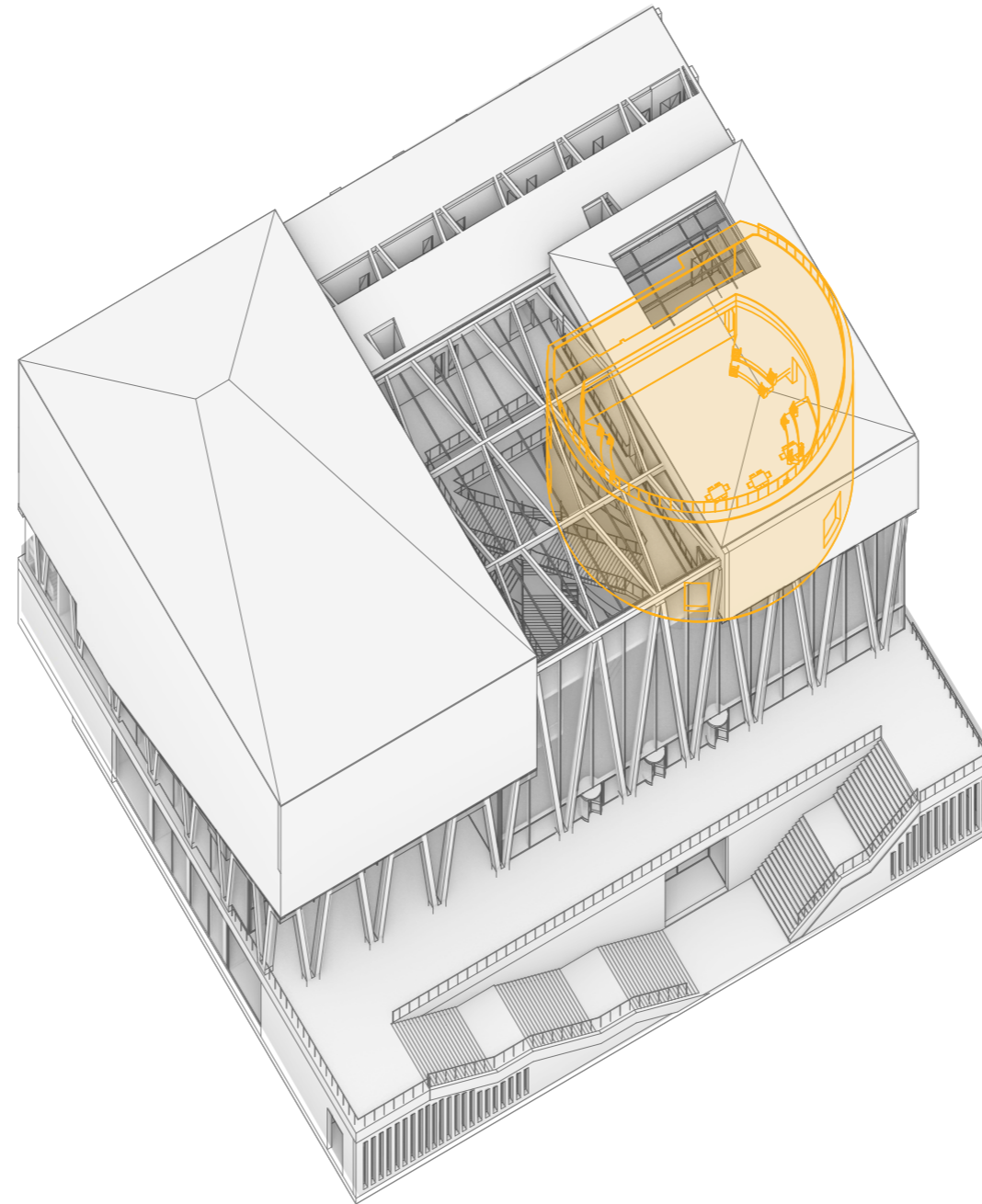
Classical Hall

COMPONENTS



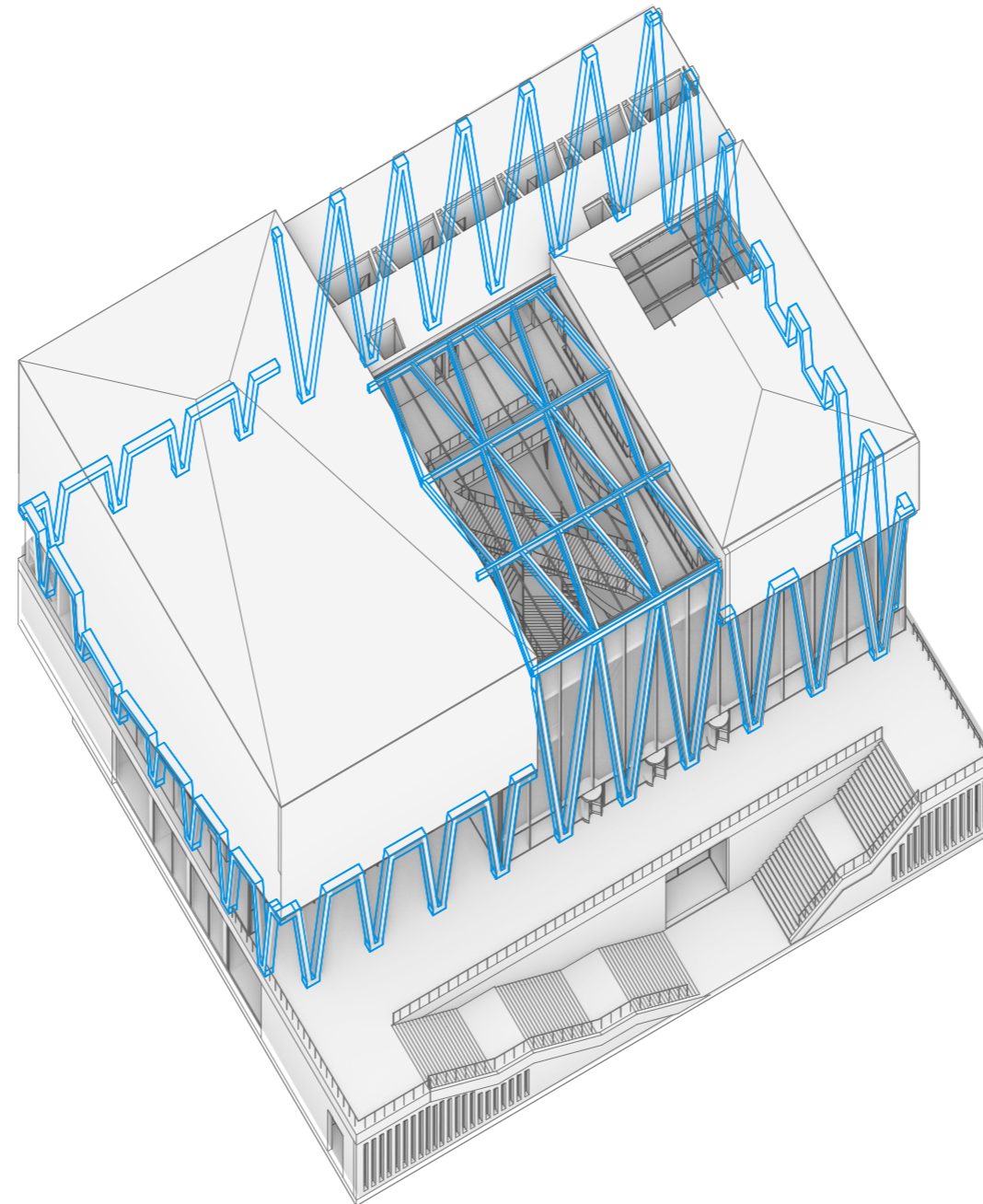
Shakespeare hall

COMPONENTS



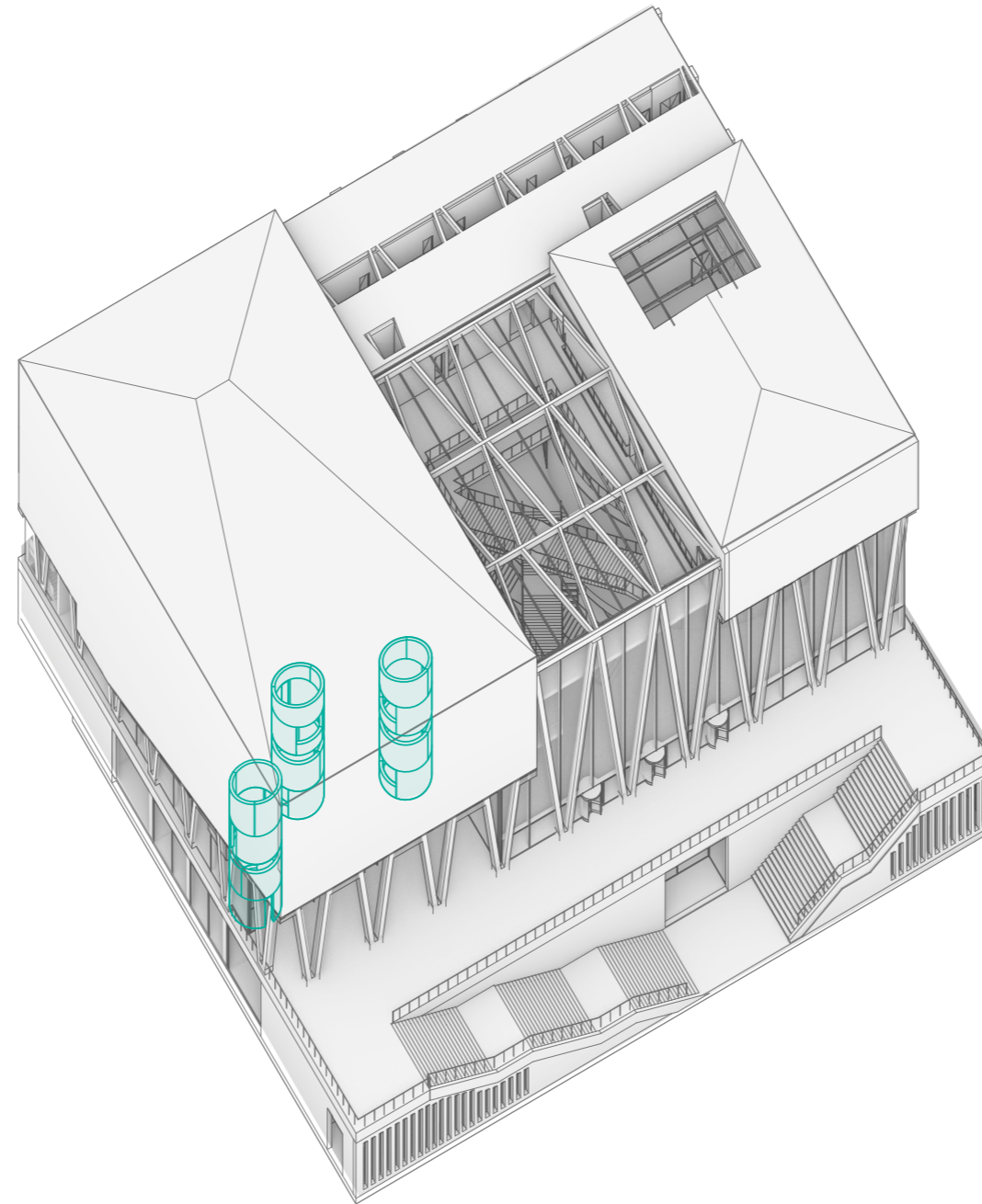
Horseshoe hall

COMPONENTS



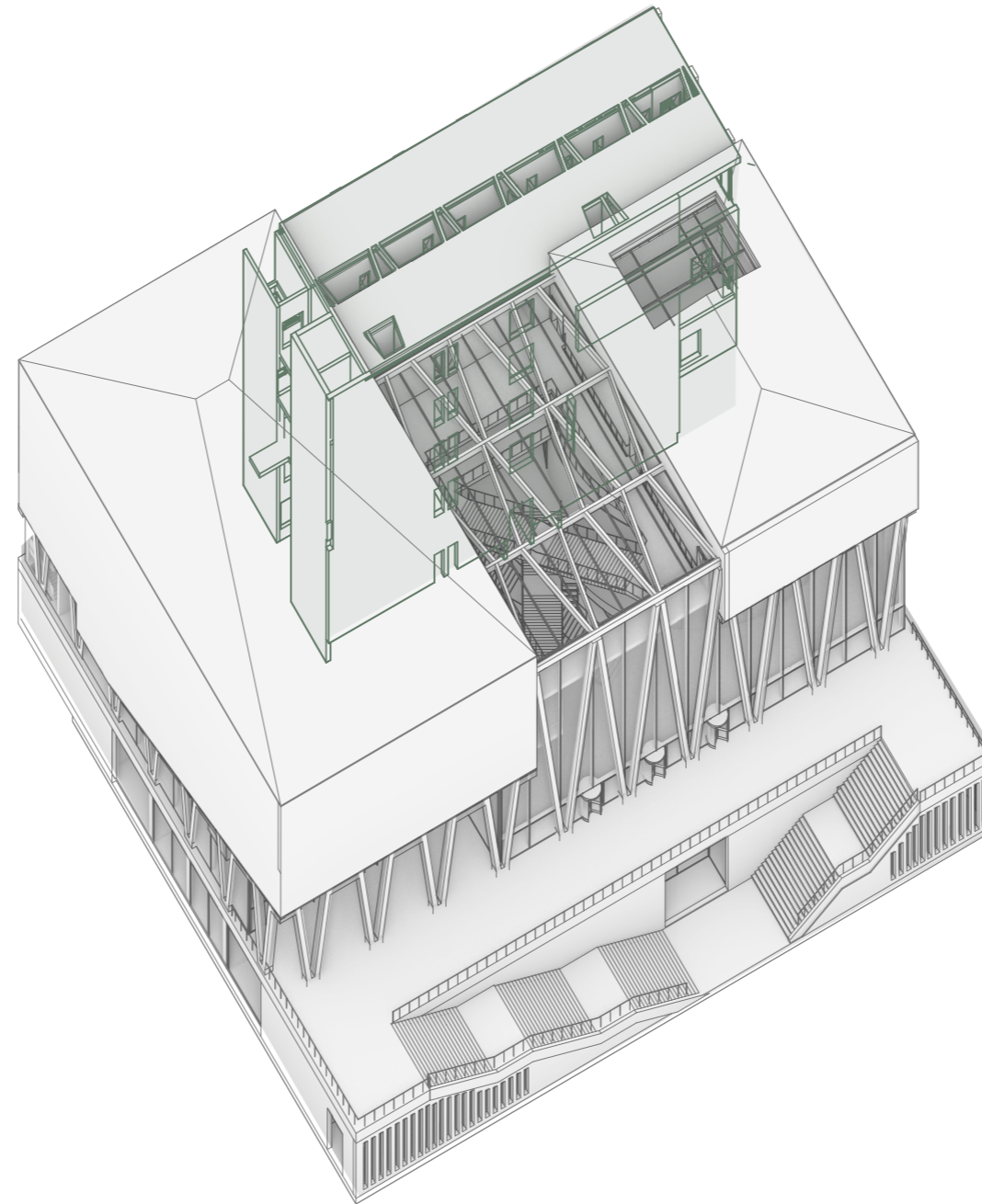
Structural weave

COMPONENTS



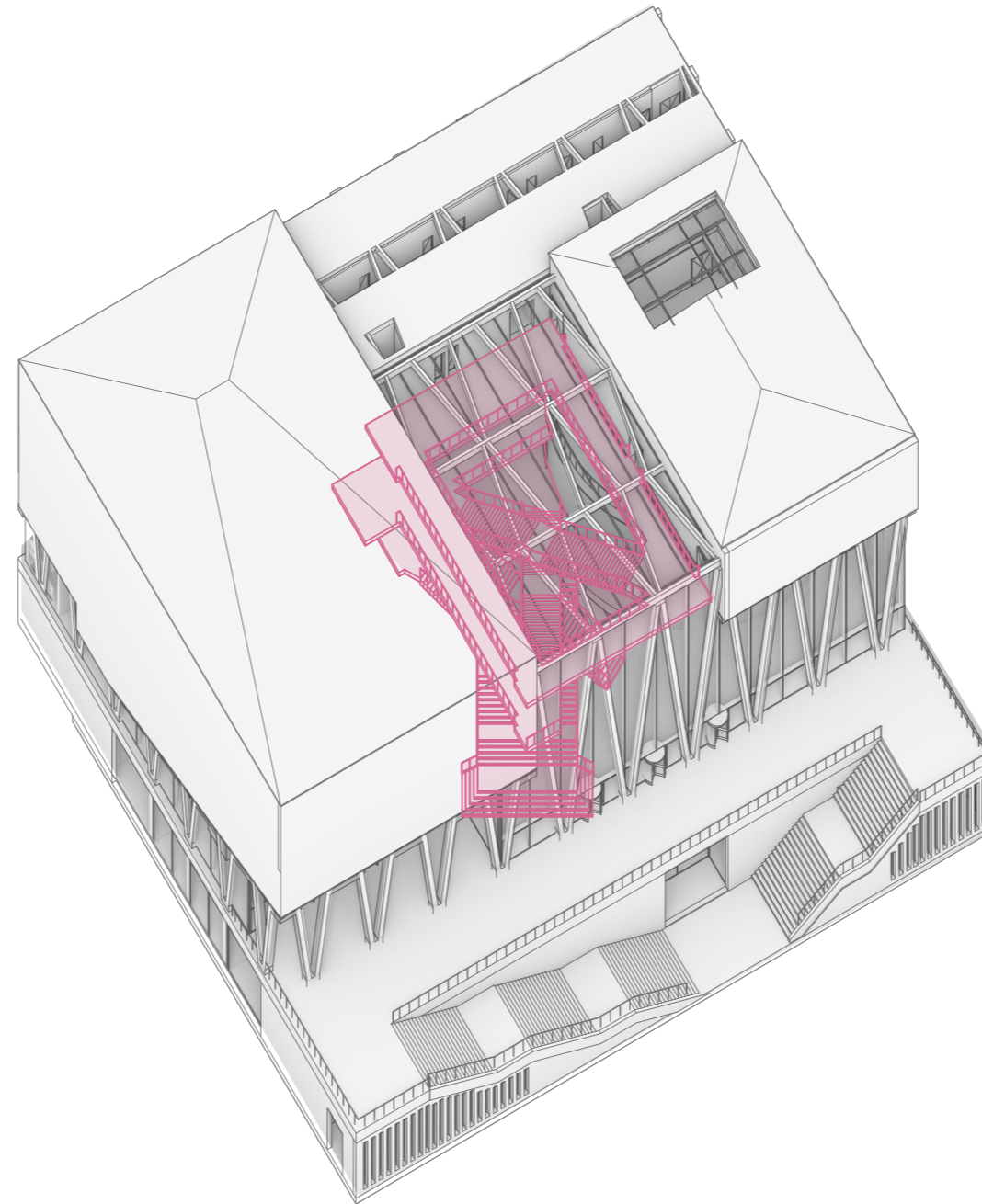
Structural ticket booths

COMPONENTS



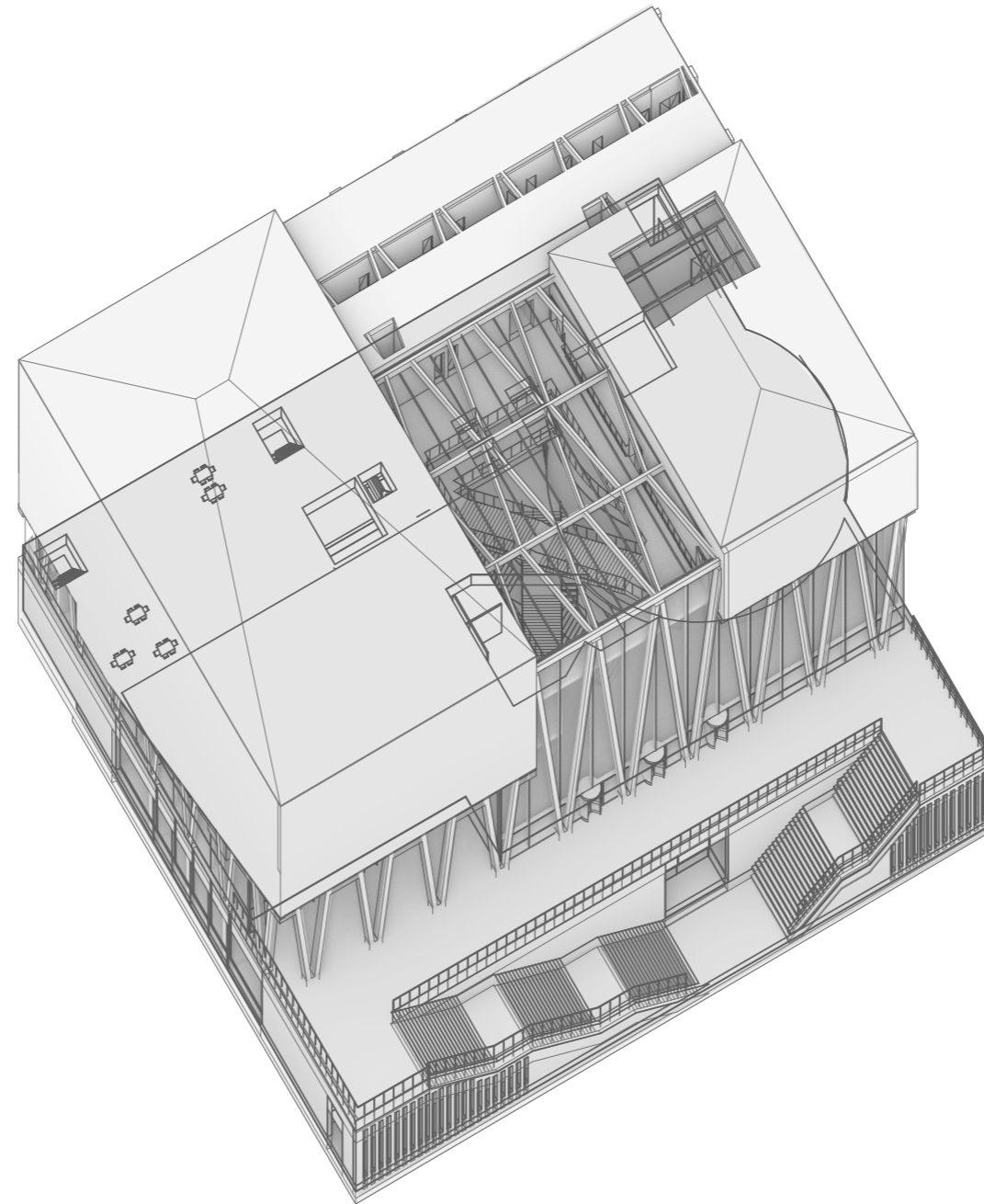
Backbone block

COMPONENTS



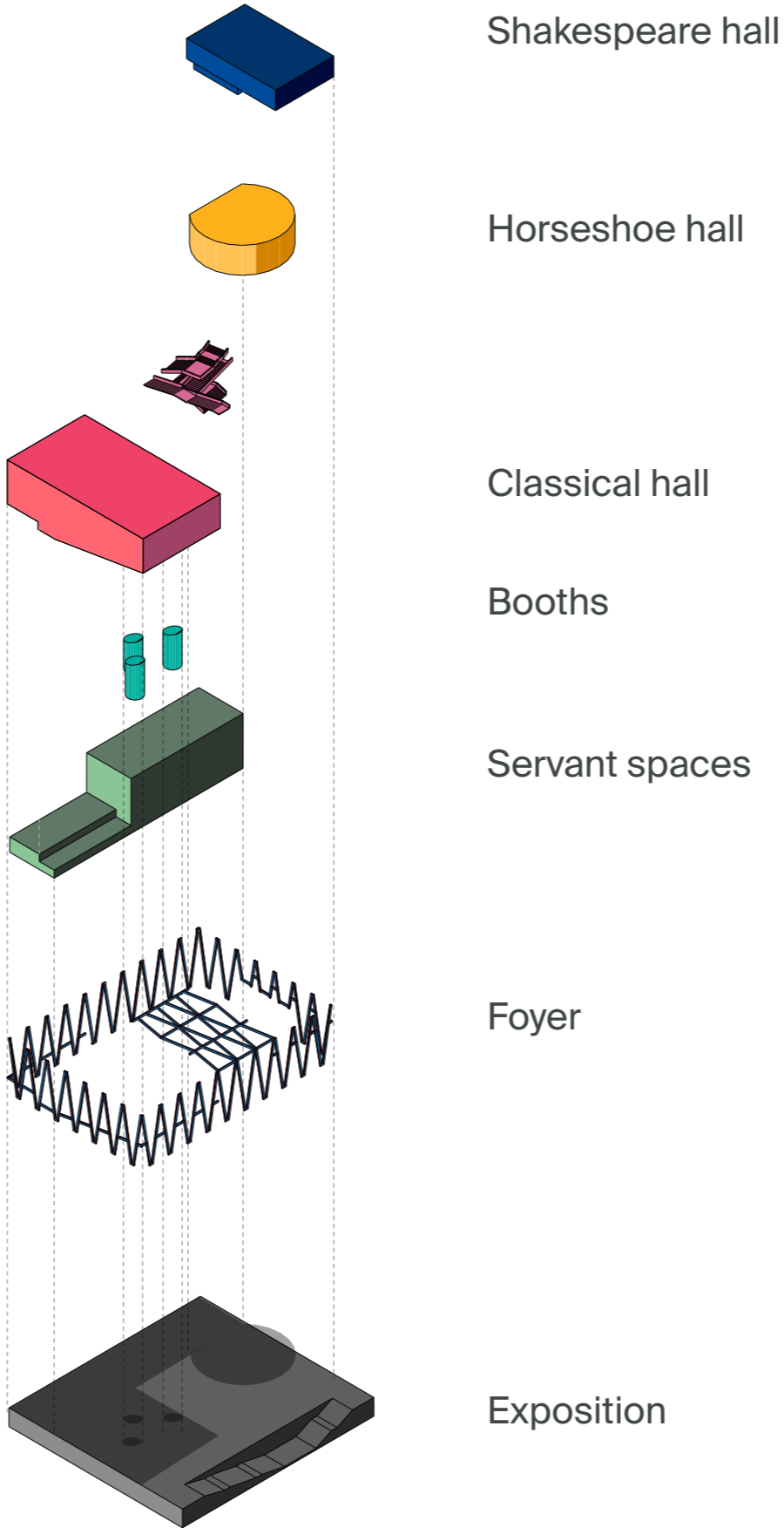
Interconnecting stairs

COMPONENTS

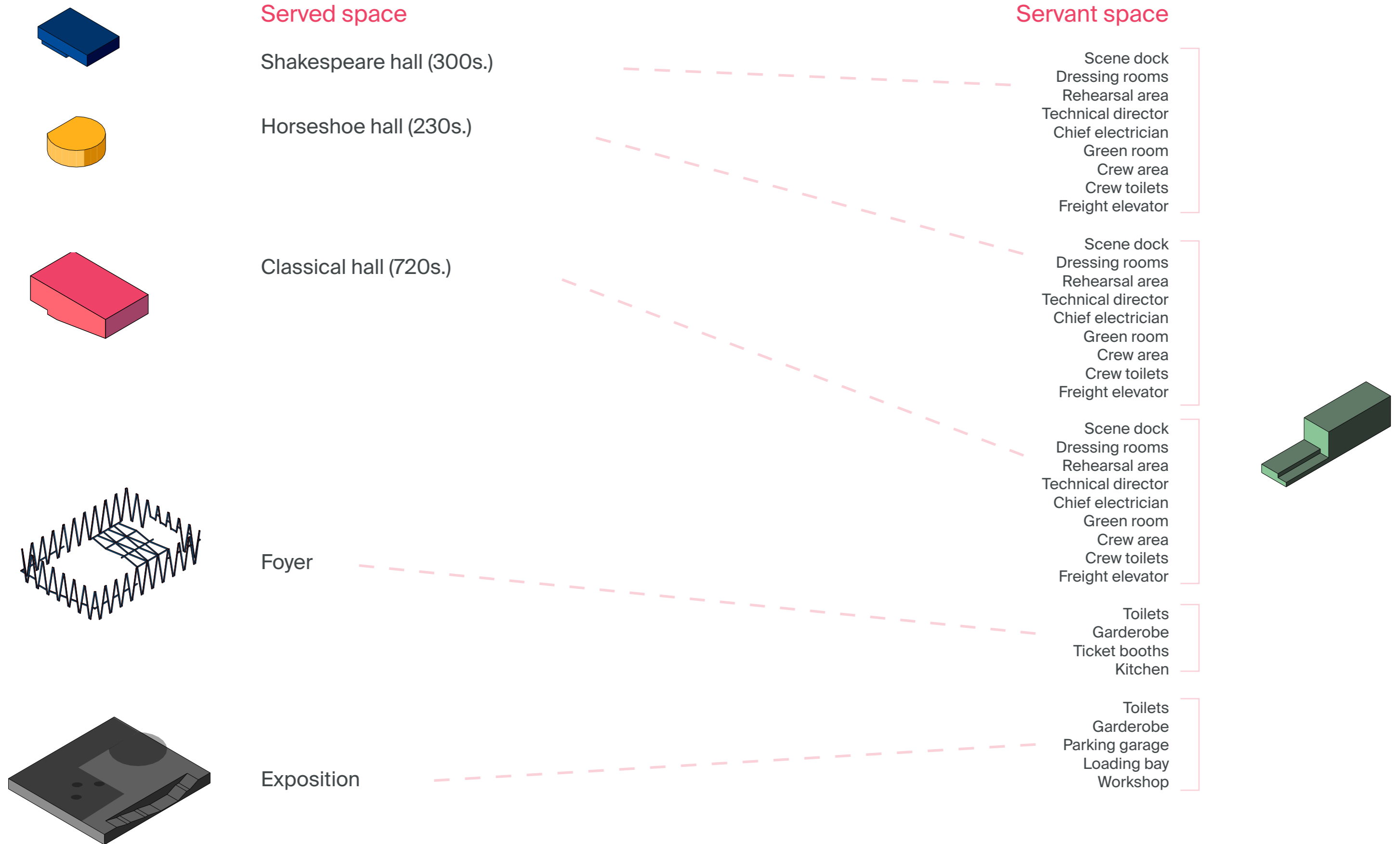


Monolith base

PROGRAM DISTRIBUTION



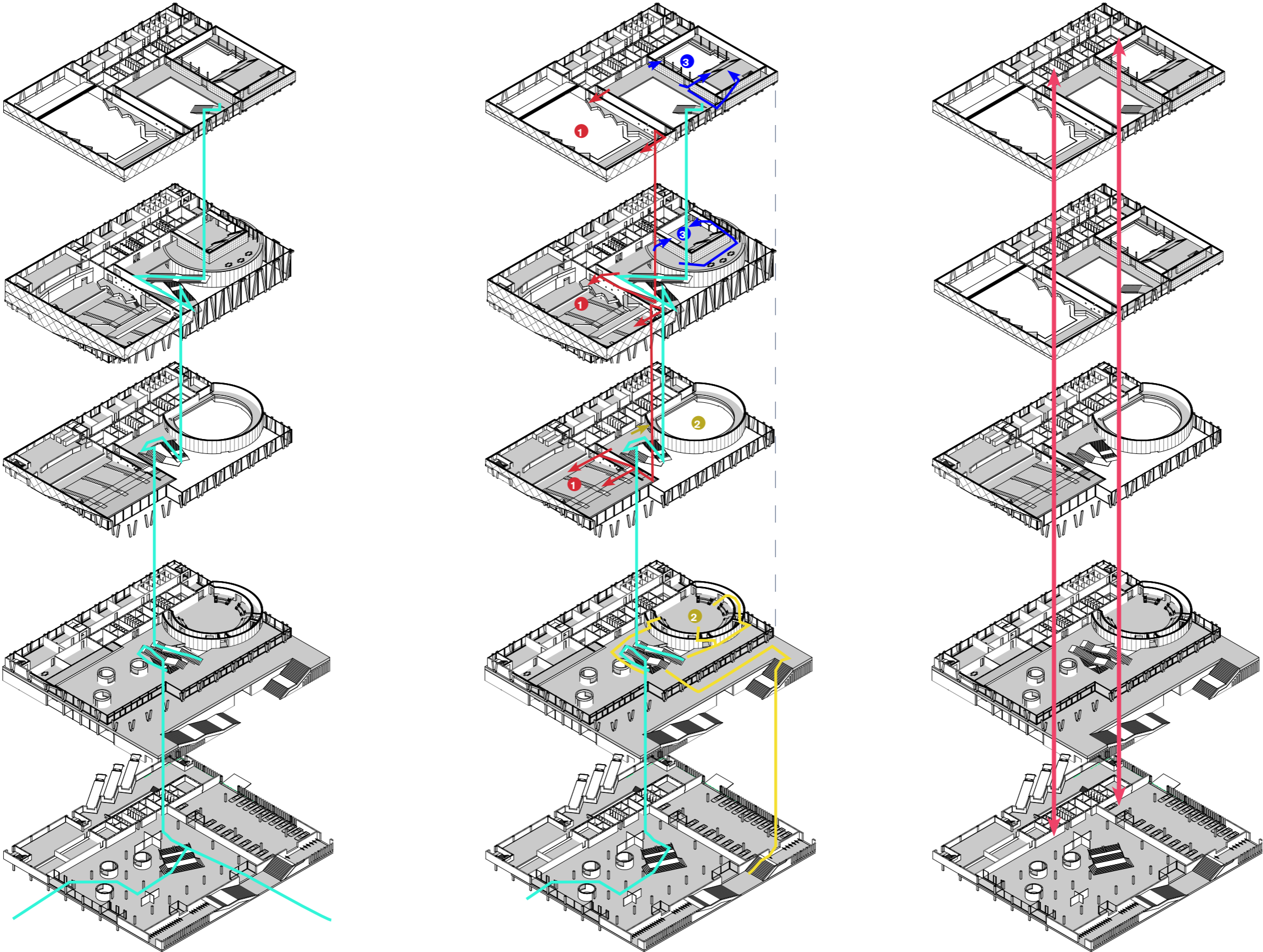
PROGRAM DISTRIBUTION



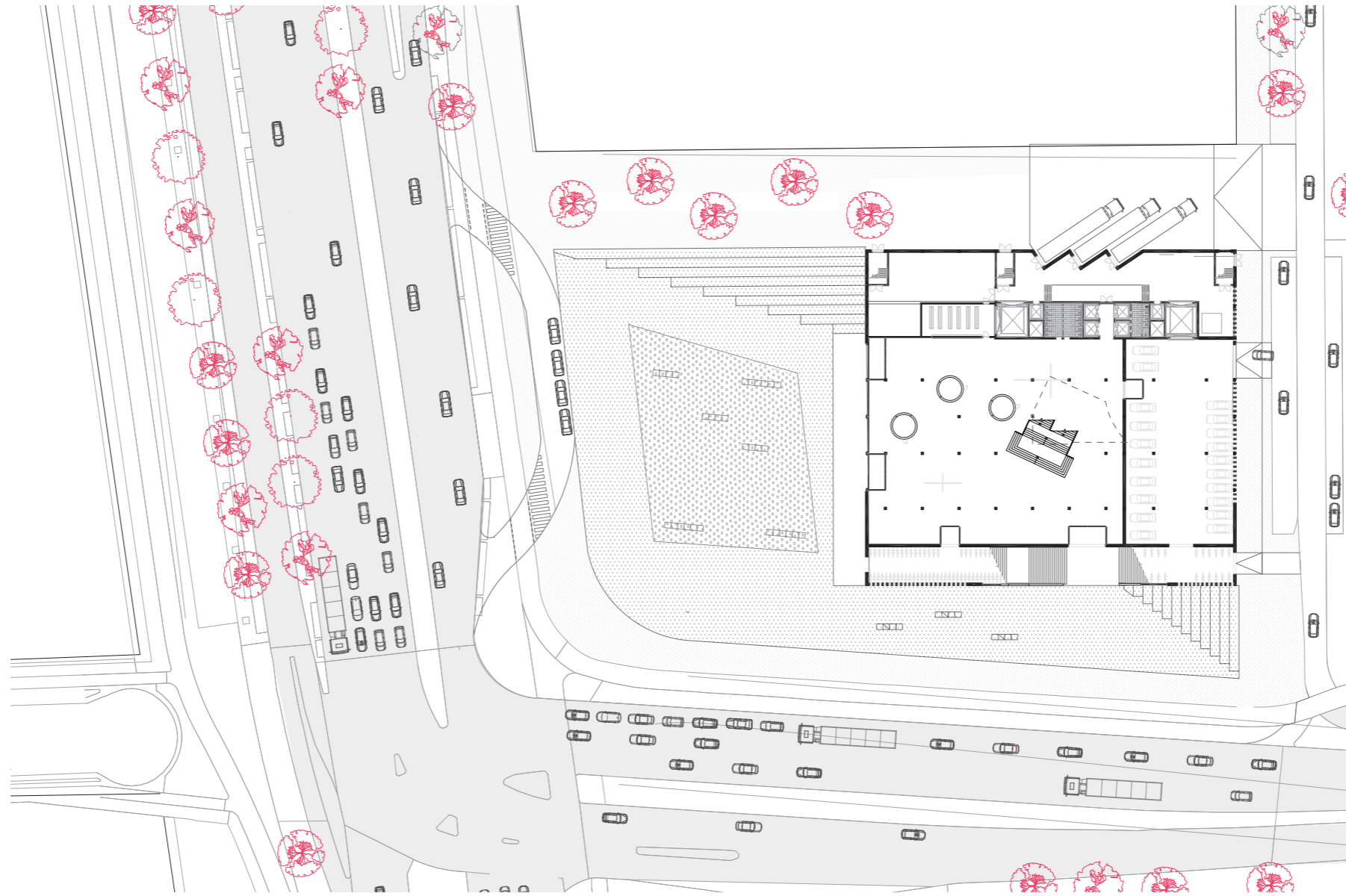
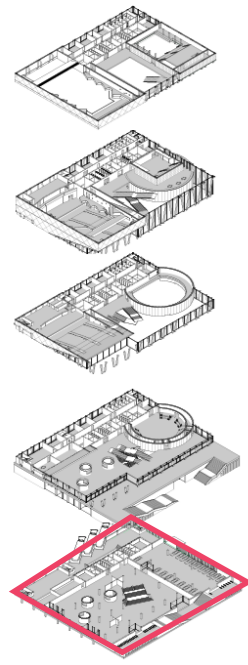
CONCEPTUAL SECTION



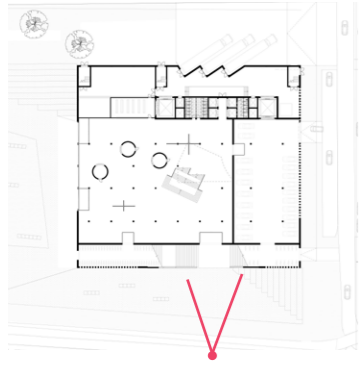
INTERNAL ROUTING



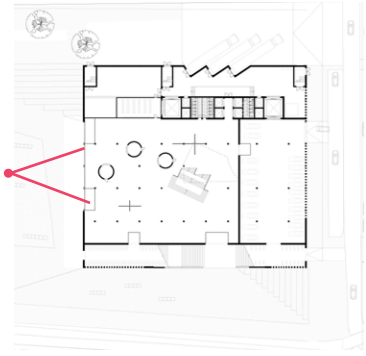
URBAN PLAN



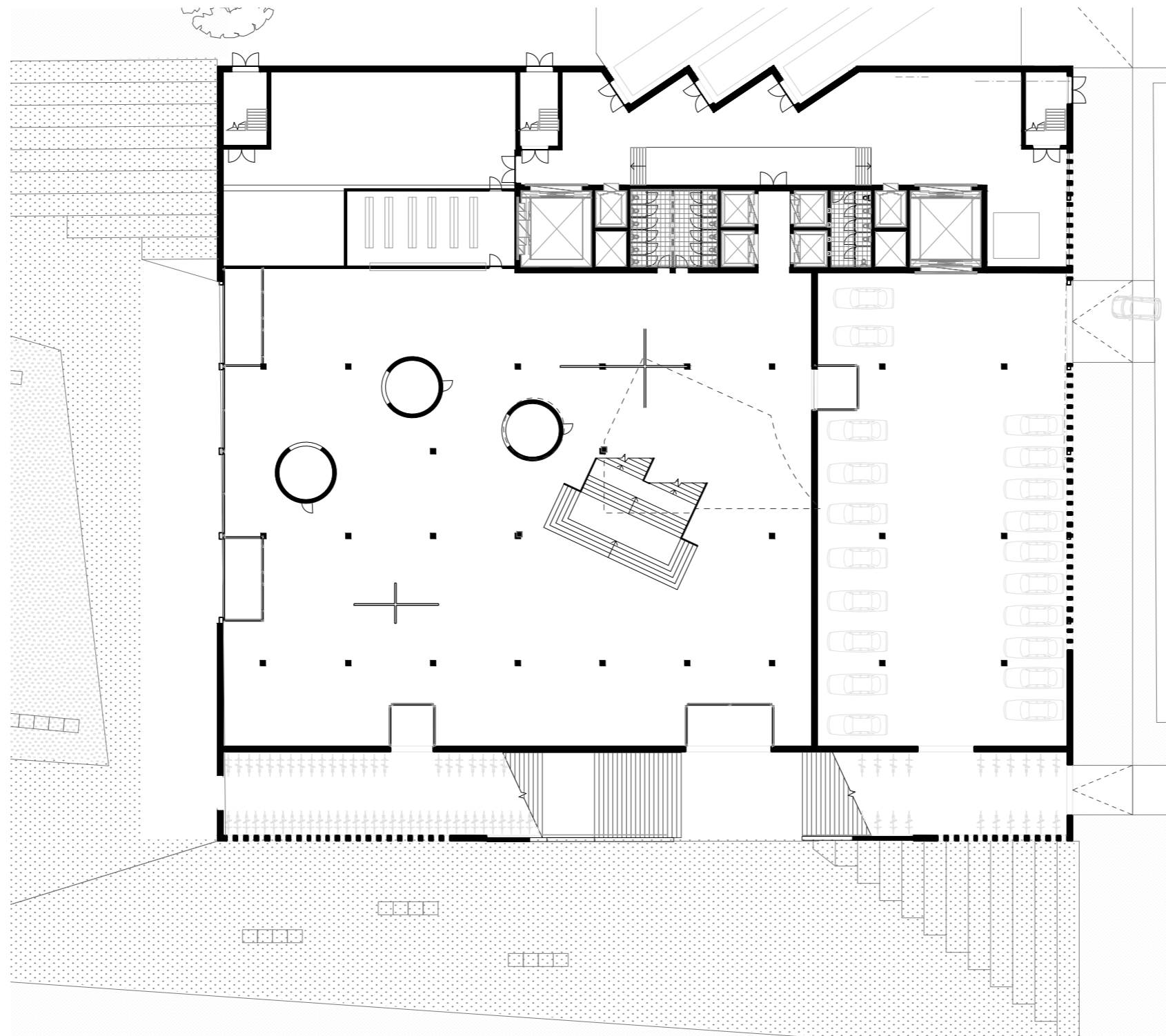
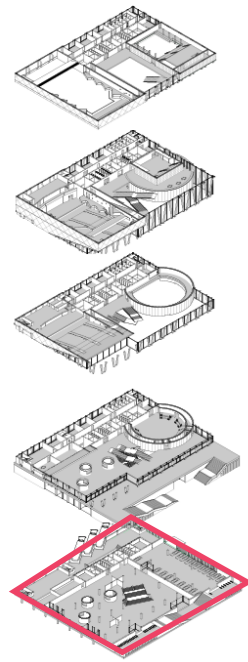
GROUND FLOOR

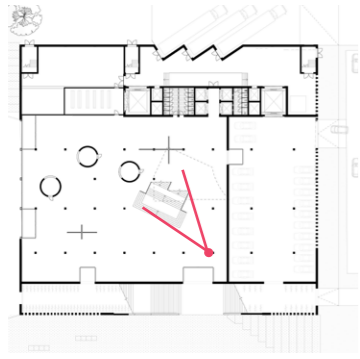


GROUND FLOOR



GROUND FLOOR

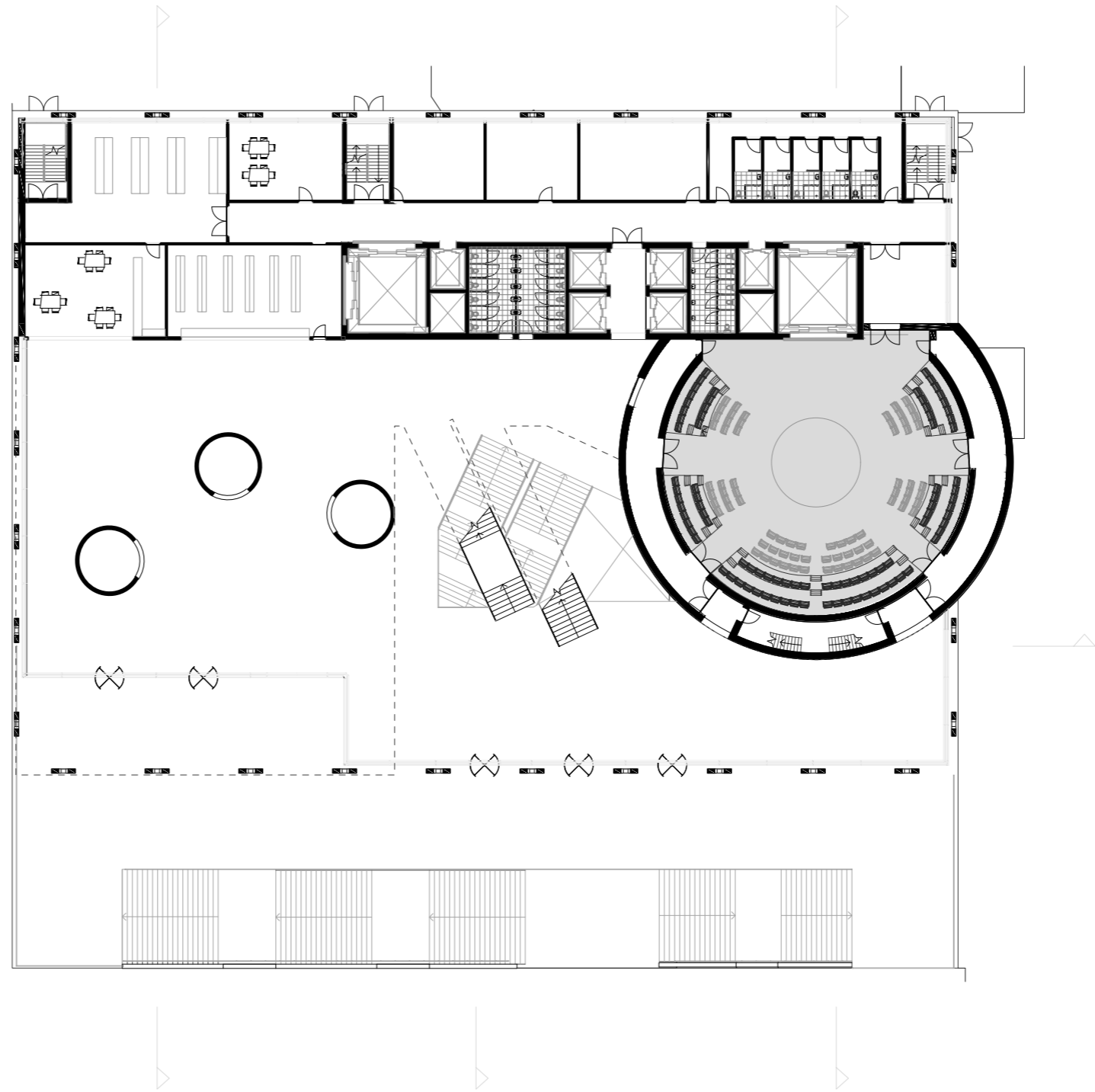
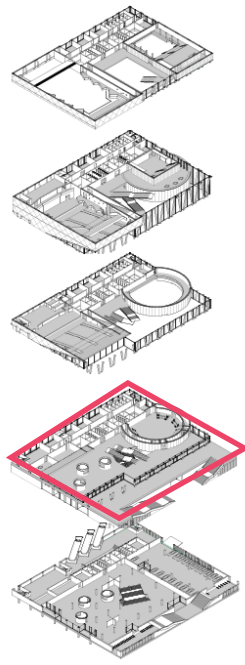


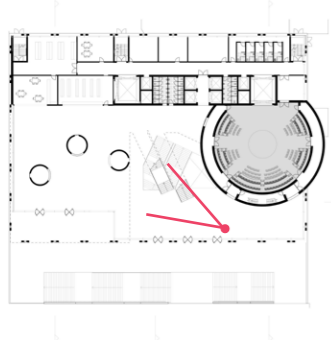


GROUND FLOOR



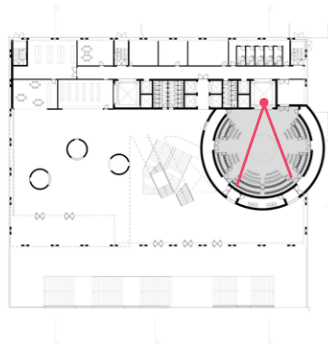
FIRST FLOOR





FIRST FLOOR

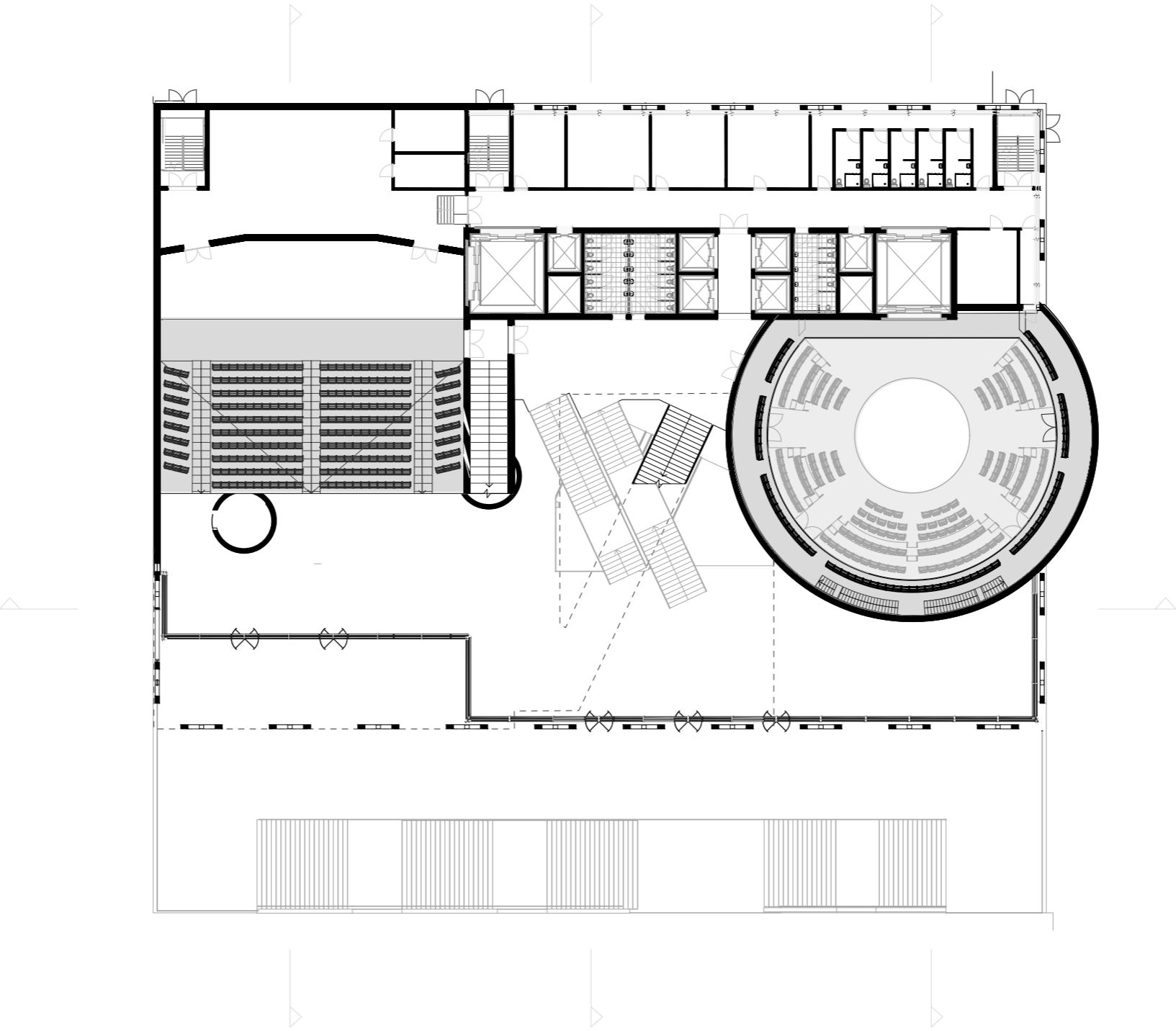
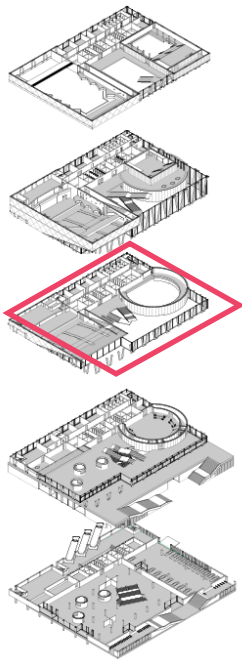




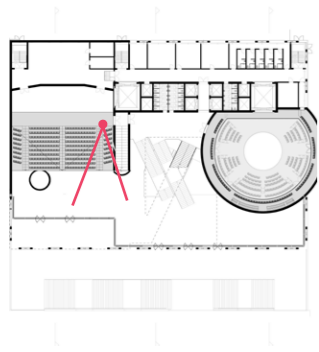
FIRST FLOOR



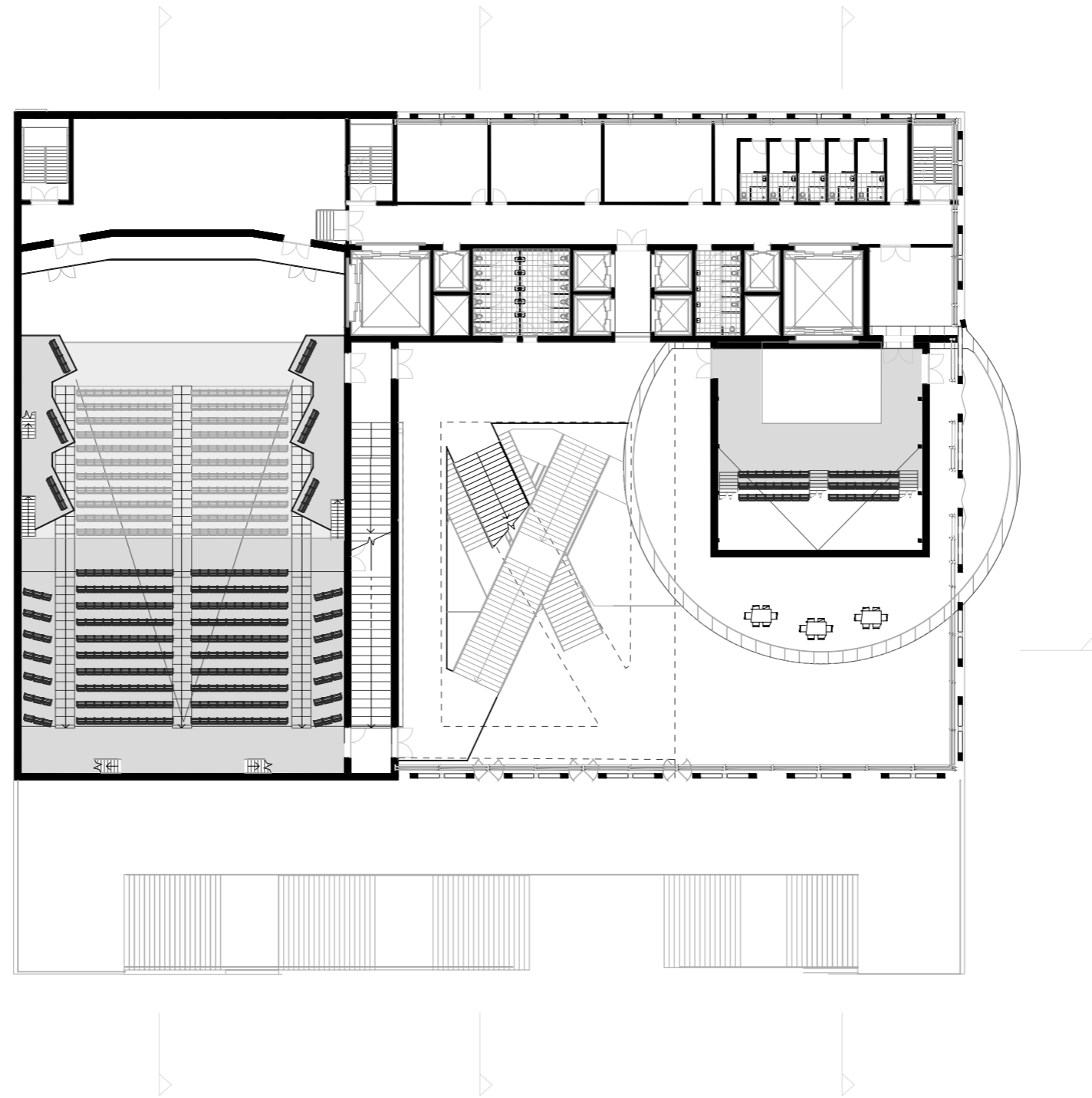
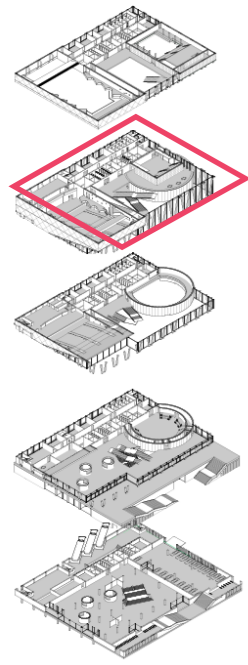
SECOND FLOOR

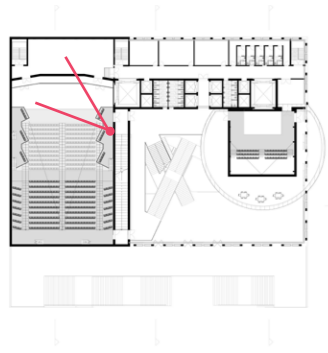


SECOND FLOOR

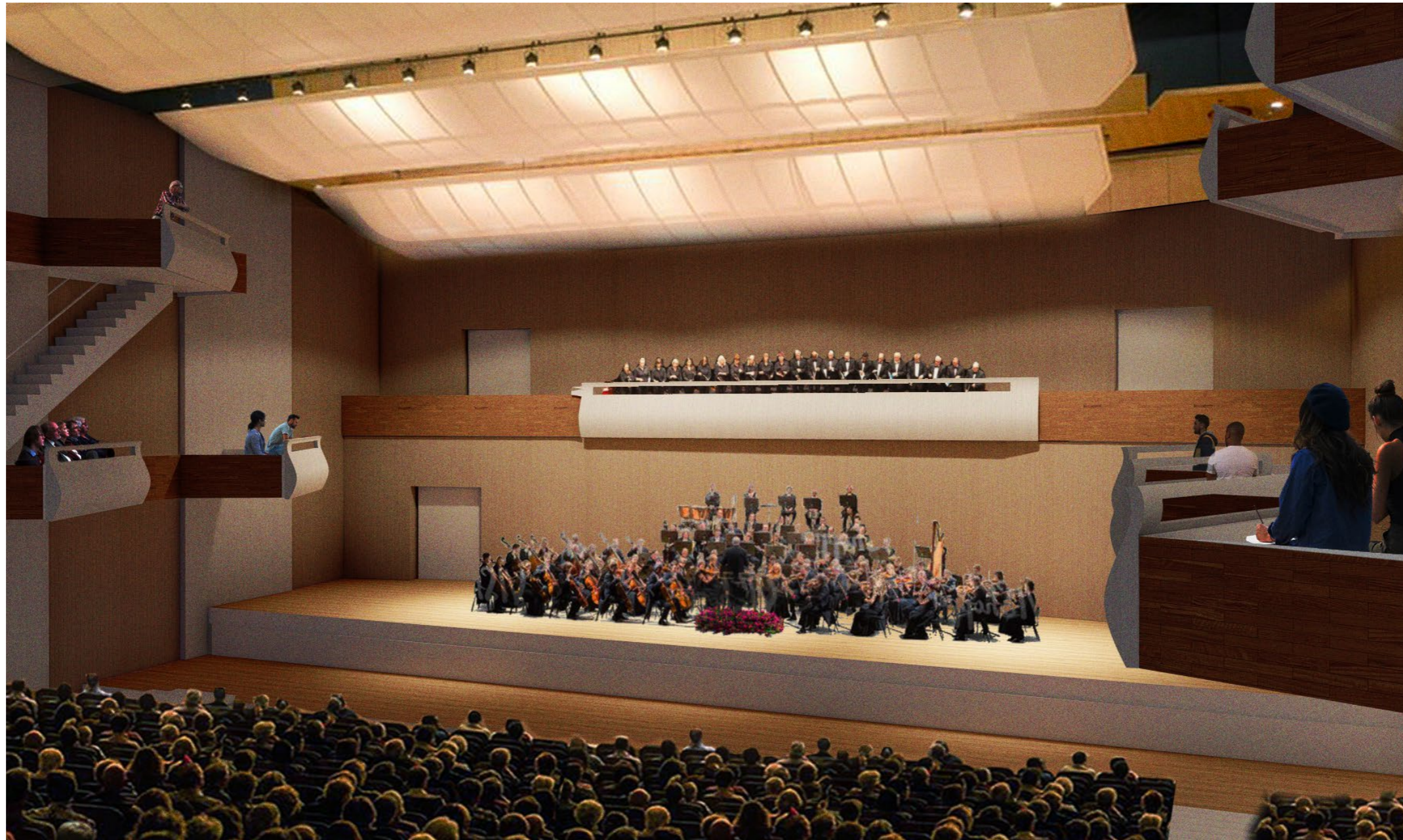


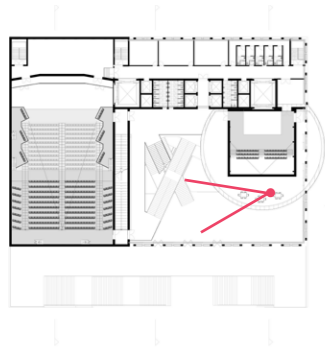
THIRD FLOOR





THIRD FLOOR

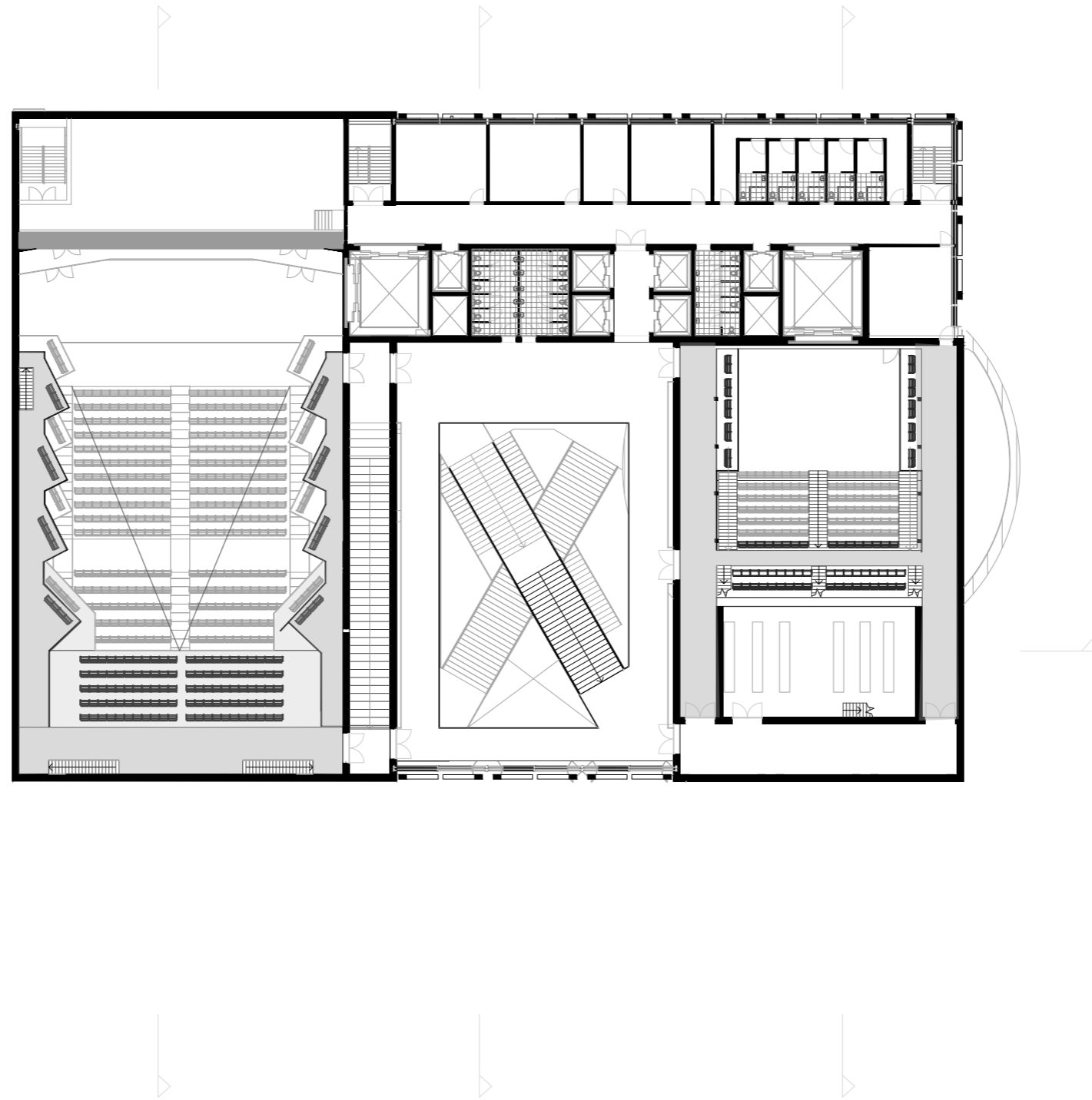
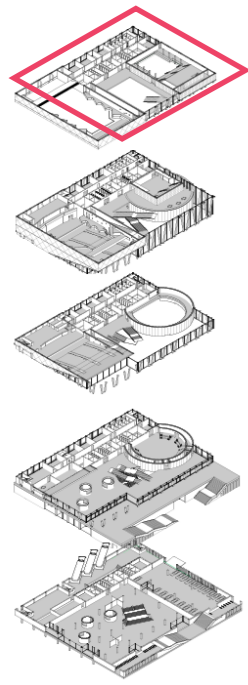


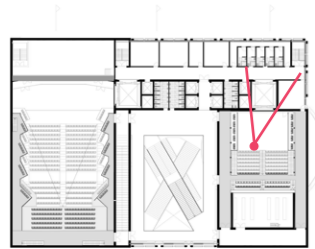


THIRD FLOOR



FOURTH FLOOR

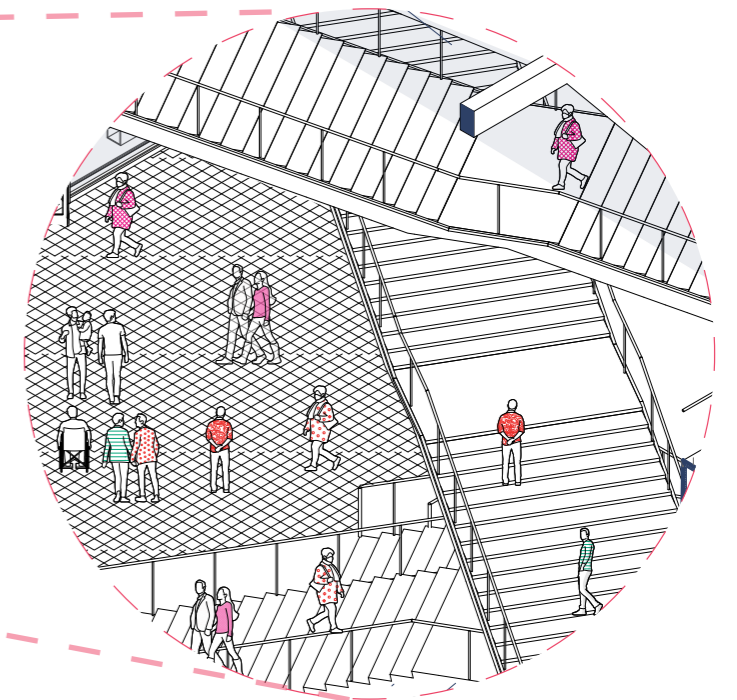
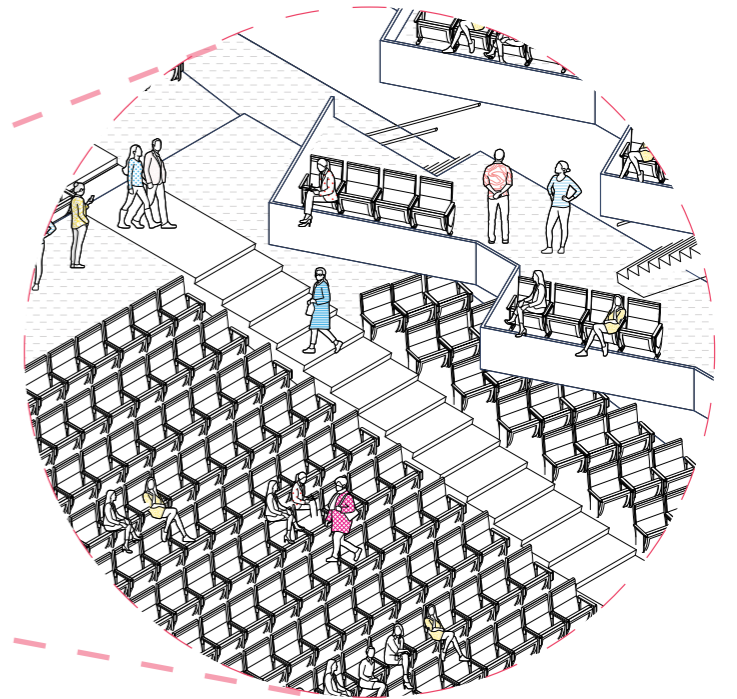
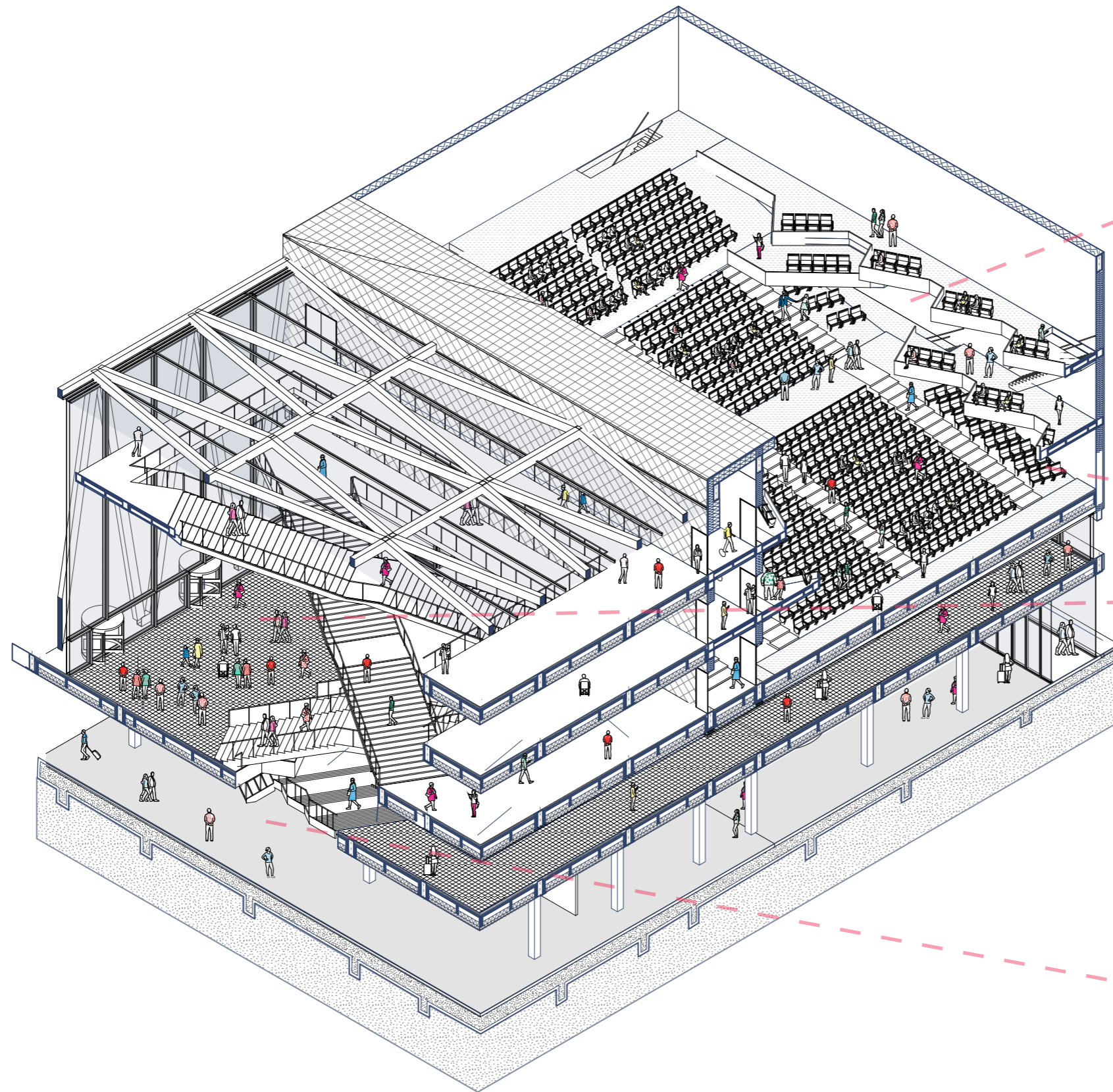
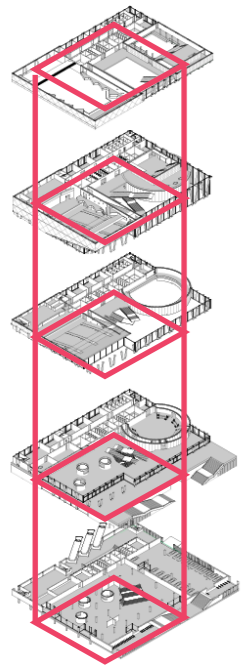




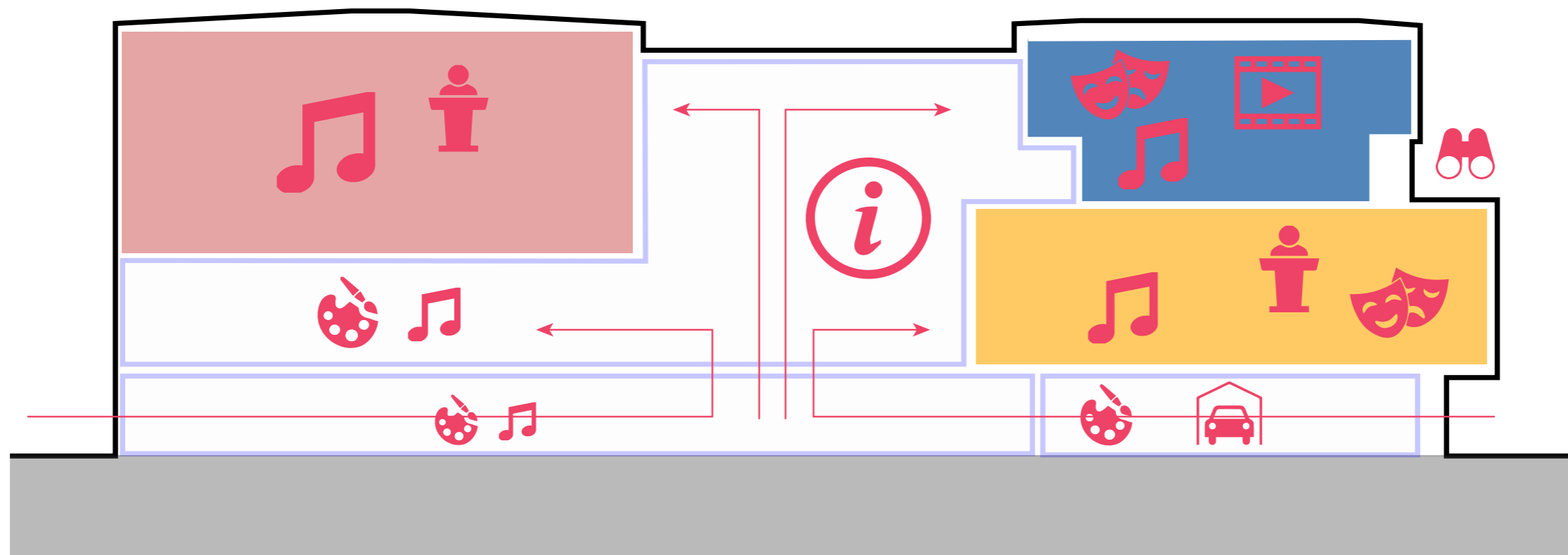
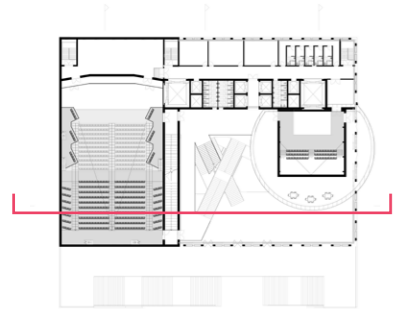
FOURTH FLOOR



AXONOMETRIC SECTION

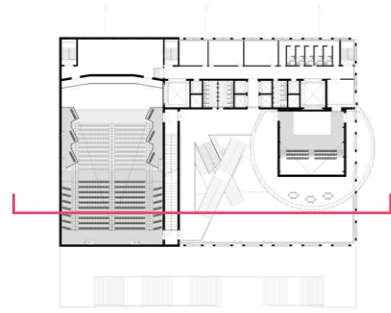


MULTIPLICITY CONCEPT

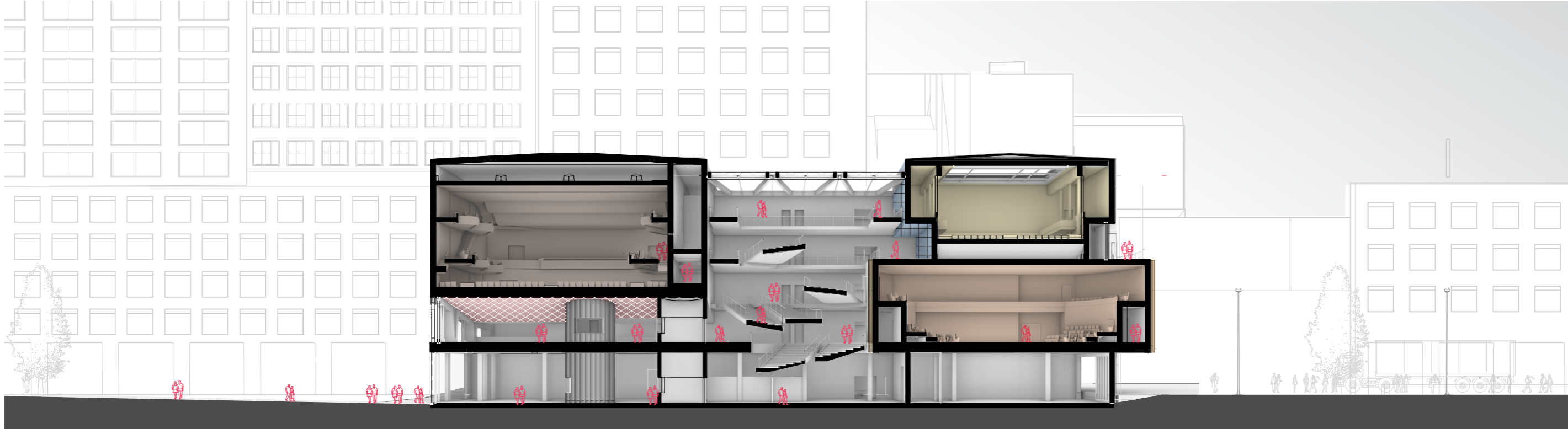
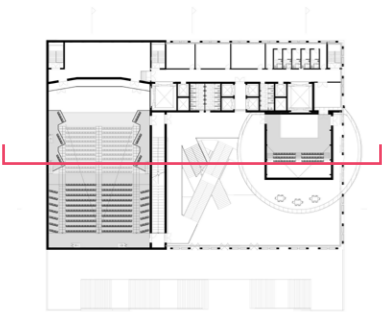


Exposition and foyer spaces allow for wide variety of uses,
halls for various performance-settings

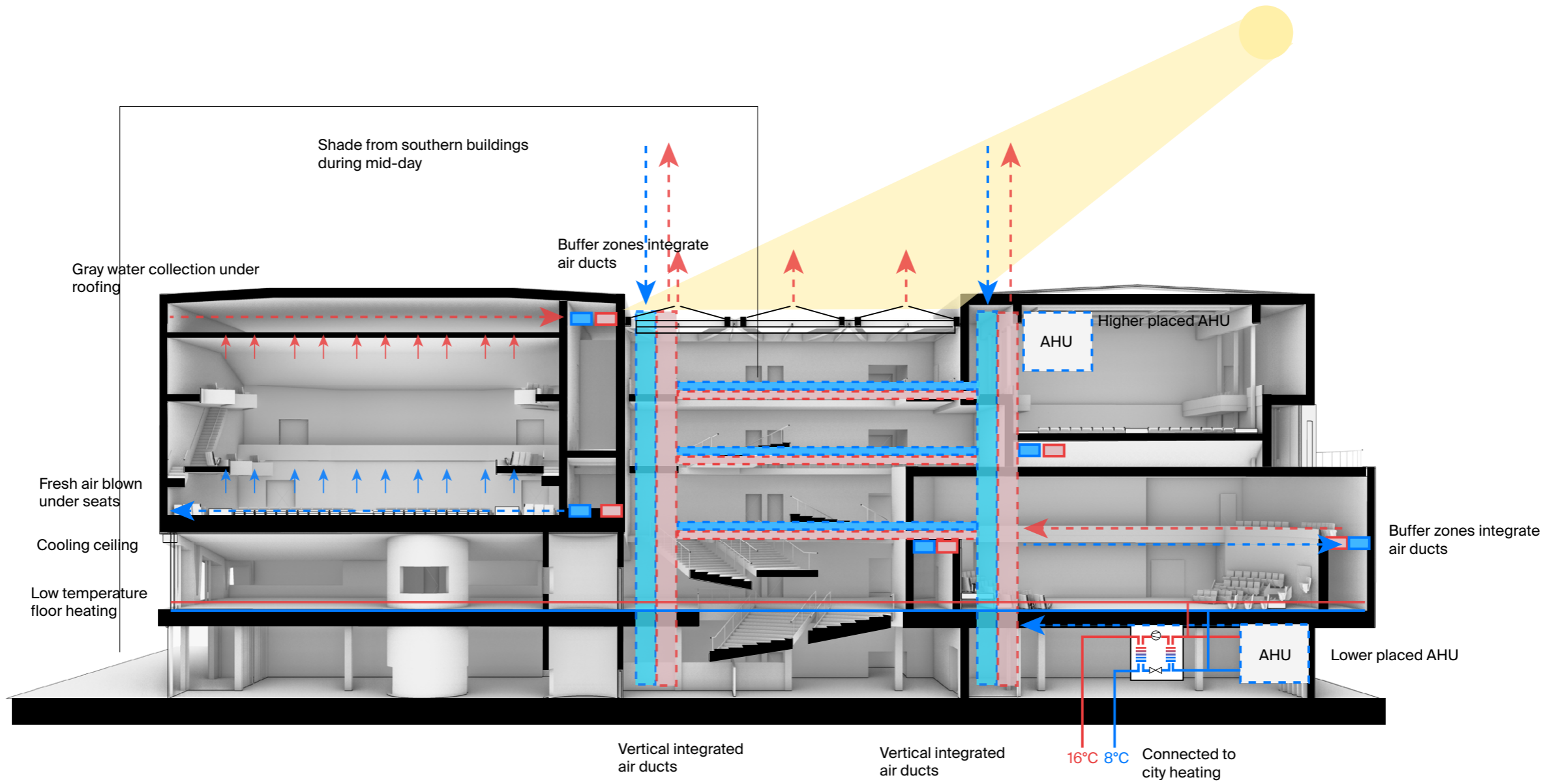
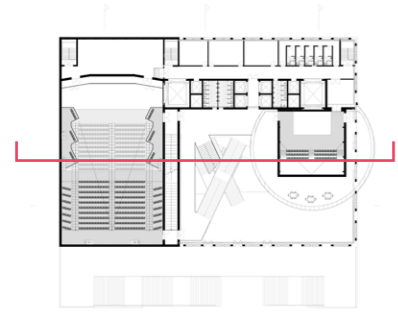
SECTION A1



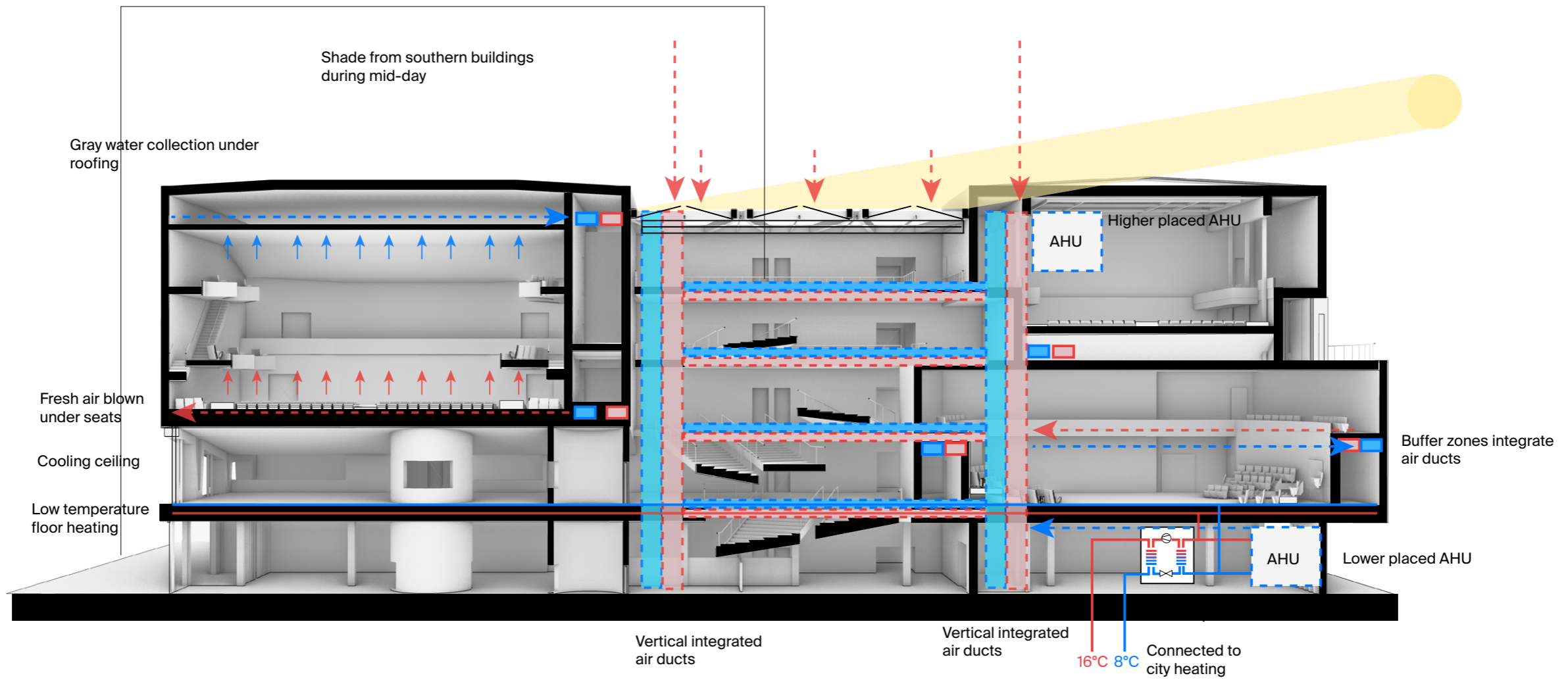
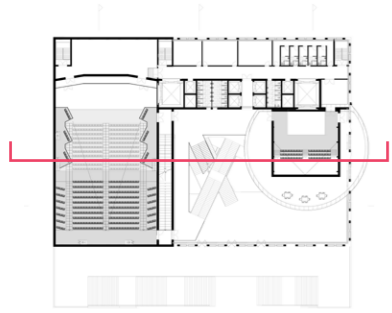
SECTION A2



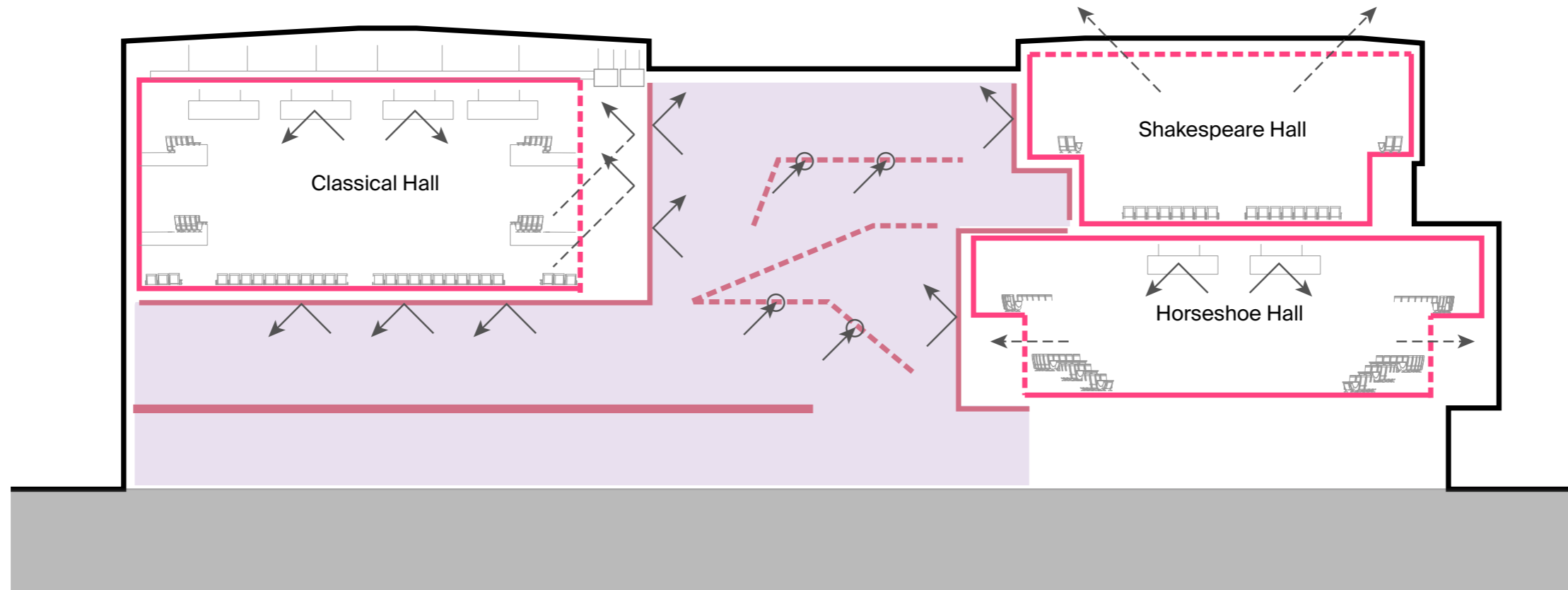
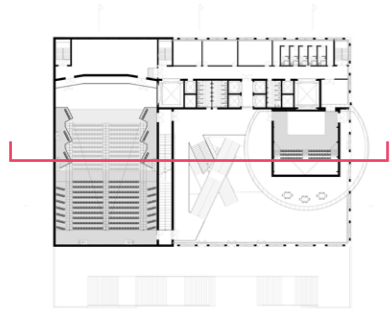
CLIMATIC CONCEPT - SUMMER



CLIMATIC CONCEPT - WINTER

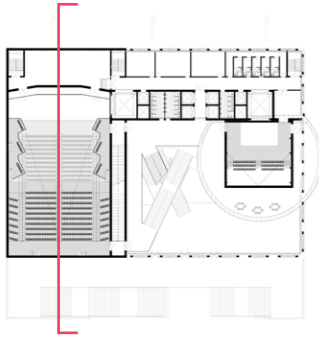


ACOUSTIC CONCEPT

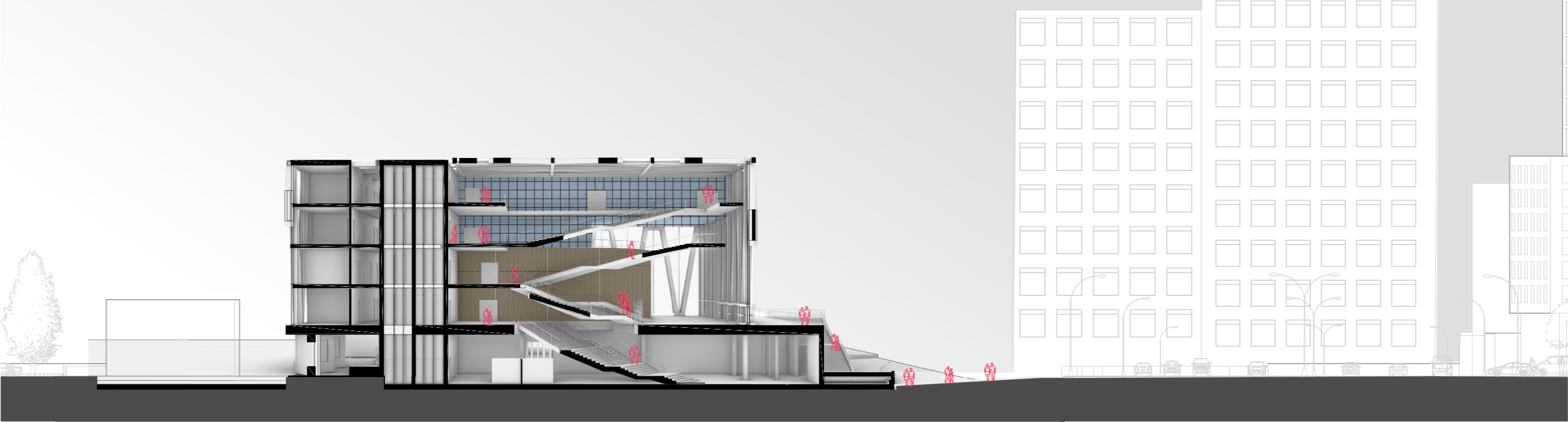
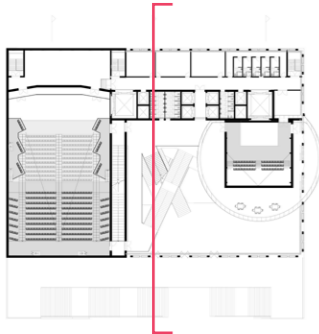


Independently sound-isolated halls through buffer zone and material variety

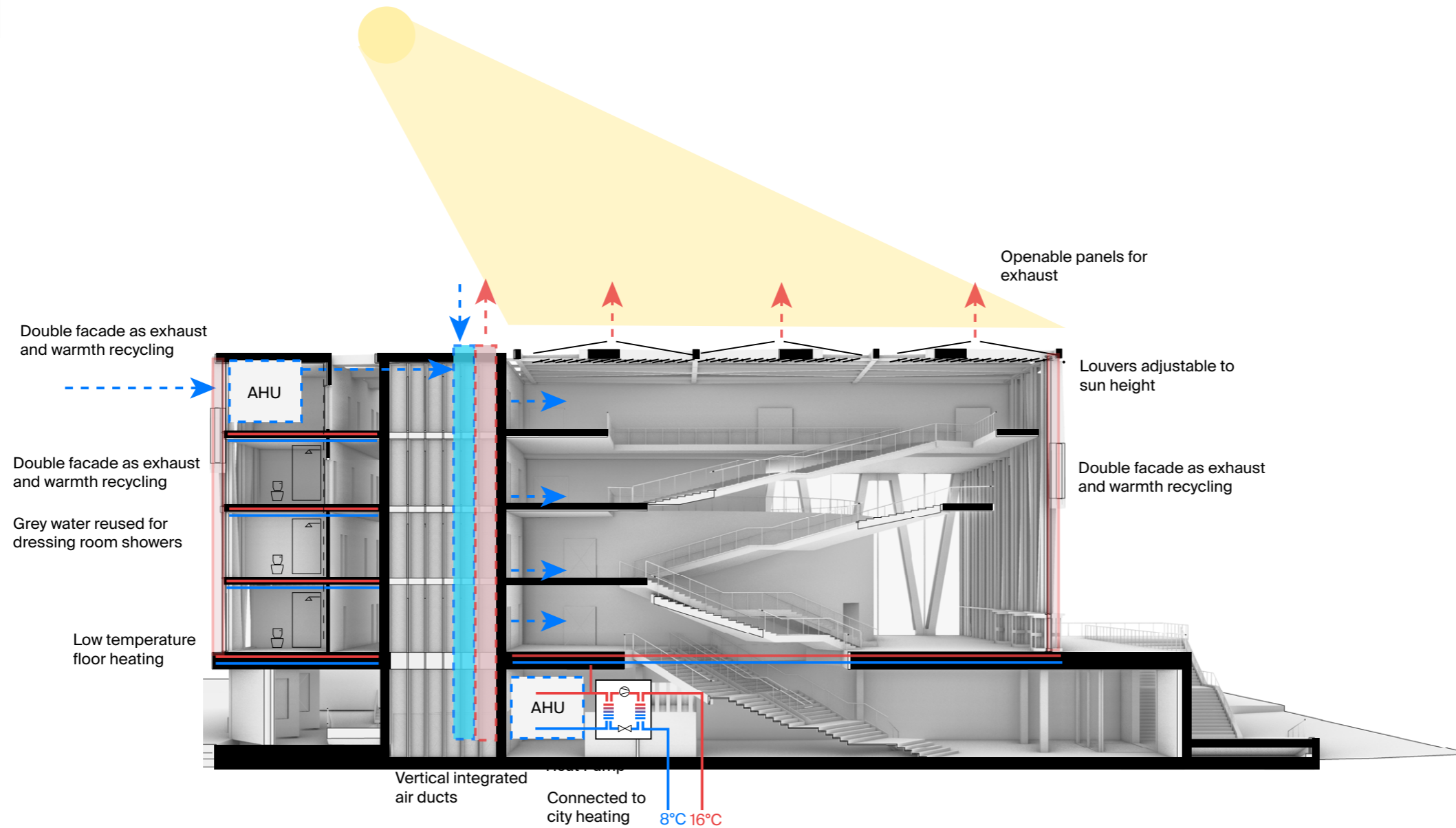
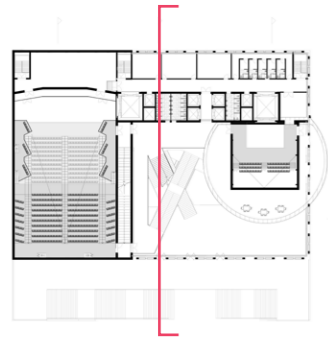
SECTION B2



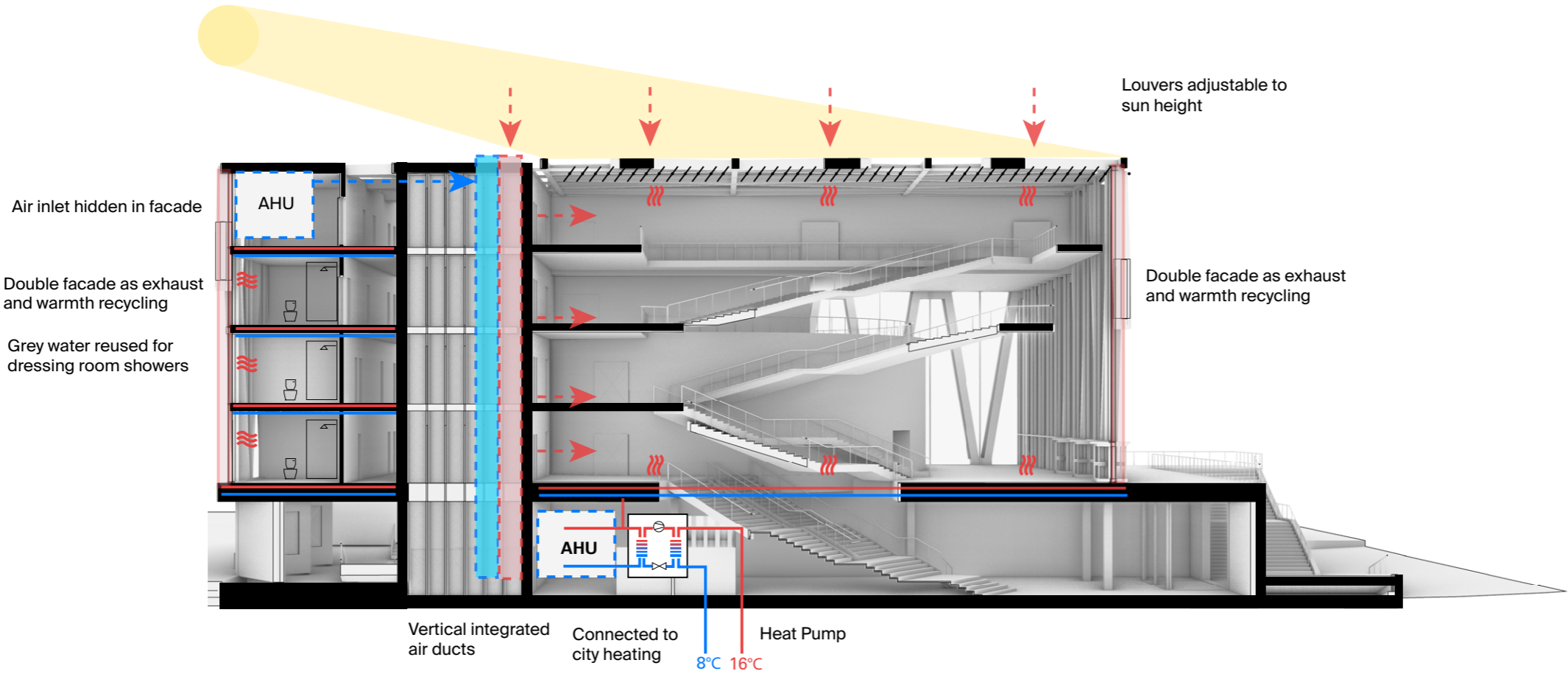
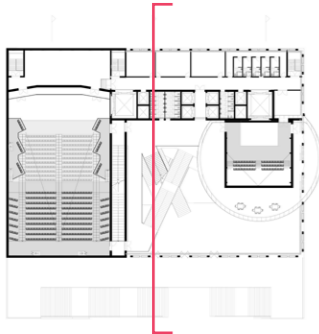
SECTION B2



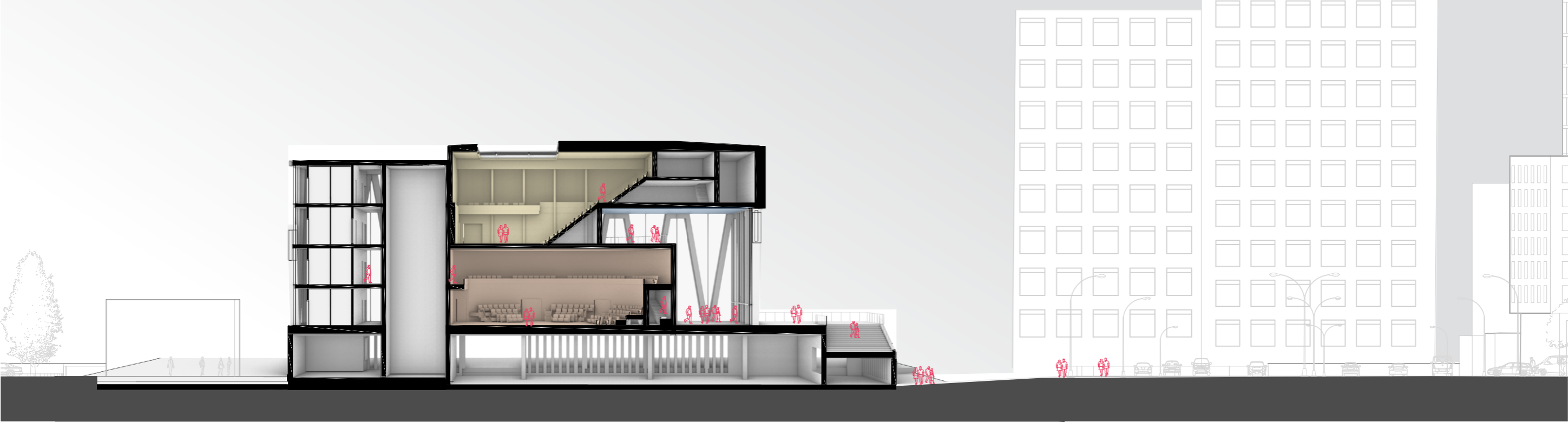
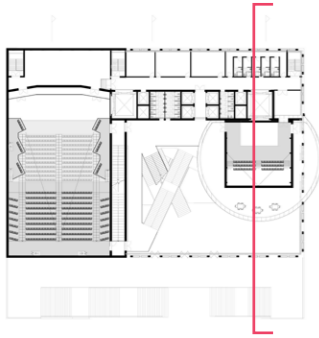
CLIMATIC CONCEPT - SUMMER



CLIMATIC CONCEPT - WINTER



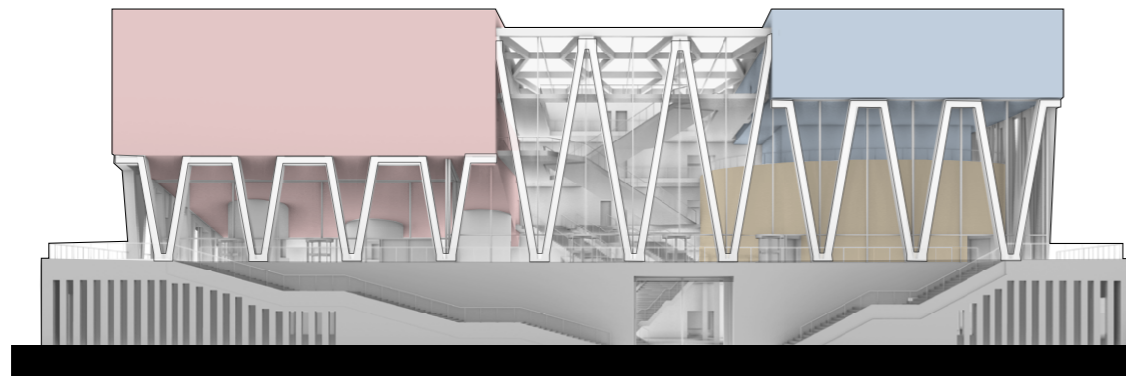
SECTION B3



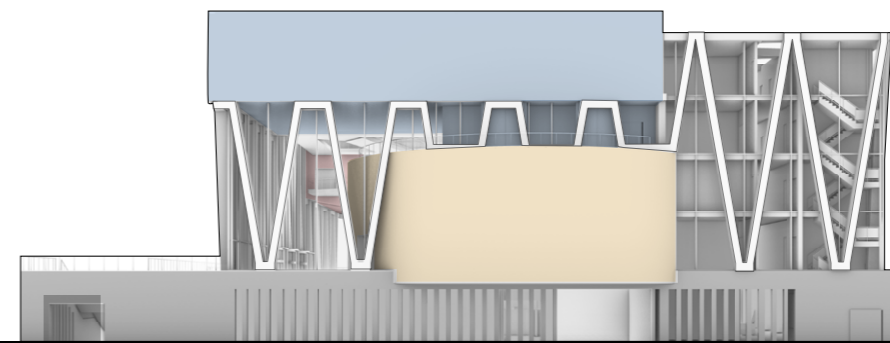
IMPRESSION EAST FACADE



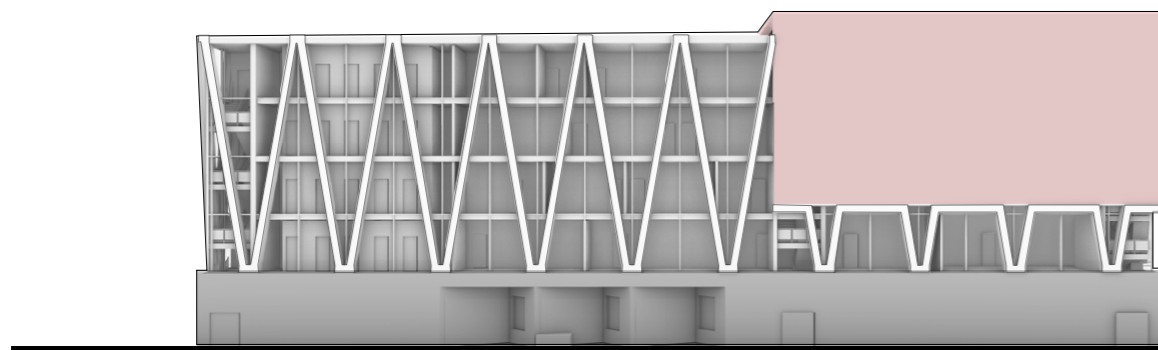
ELEVATIONS



North elevation



West elevation



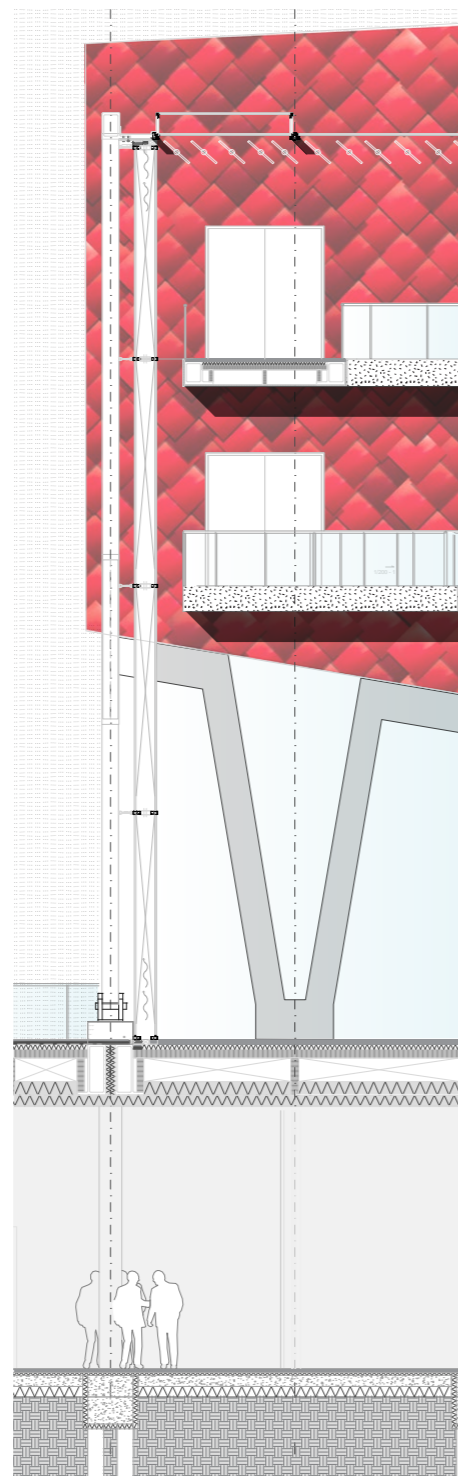
South elevation



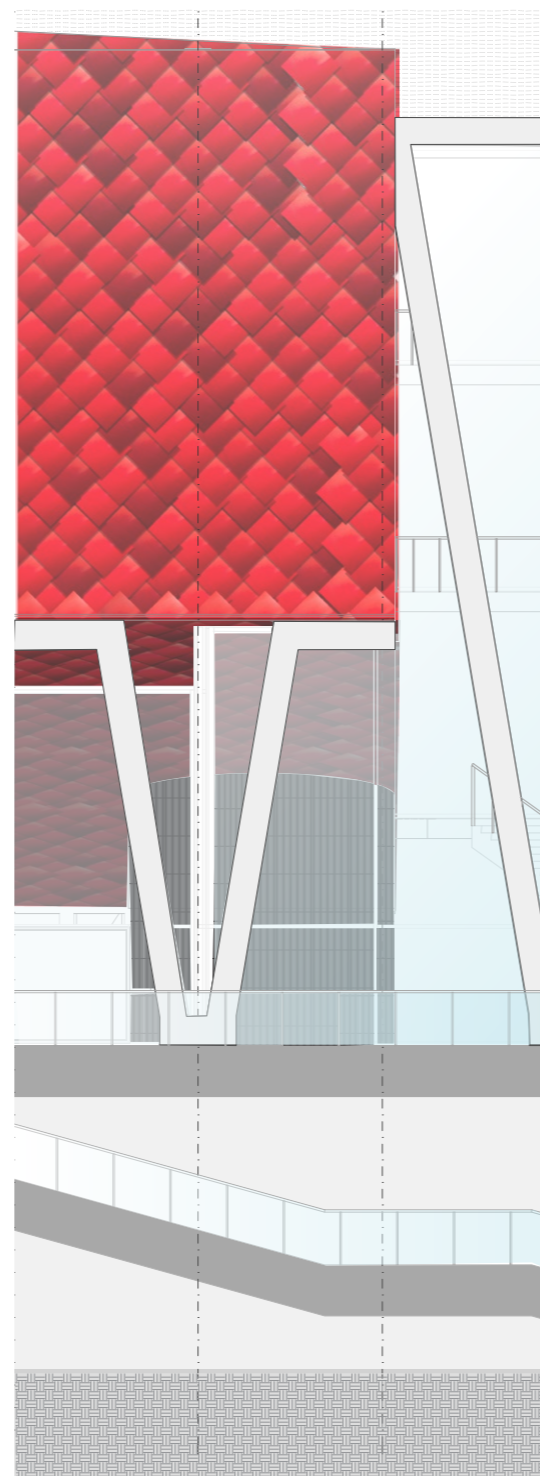
East elevation



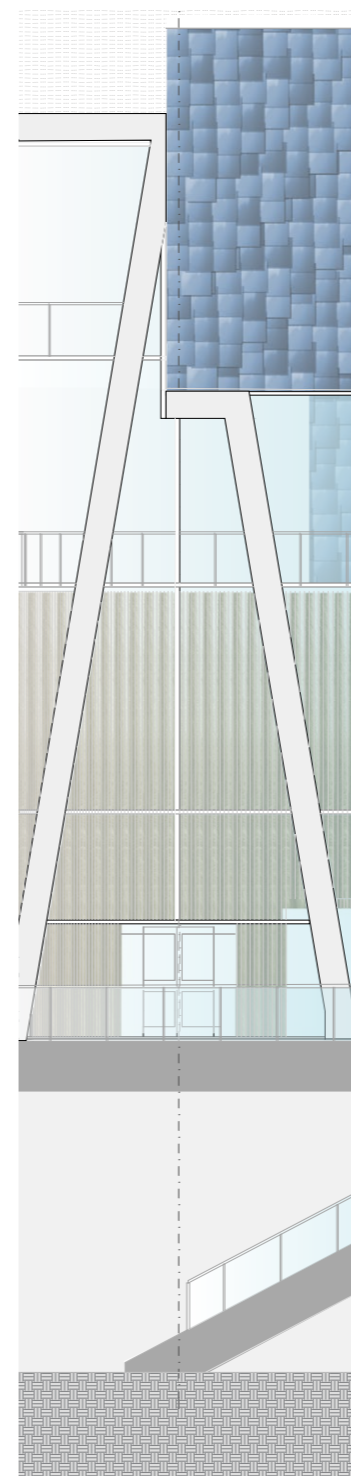
ELEVATIONS



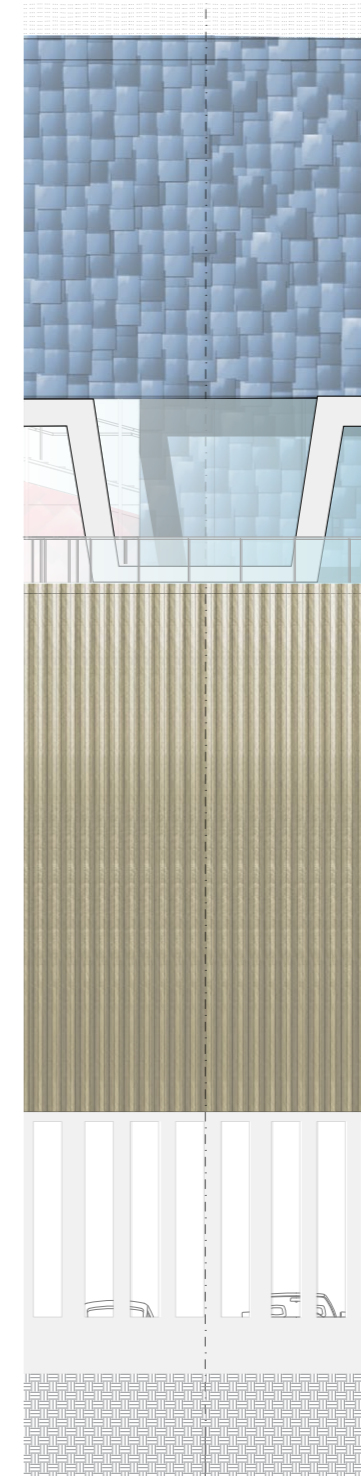
Foyer section



North facade



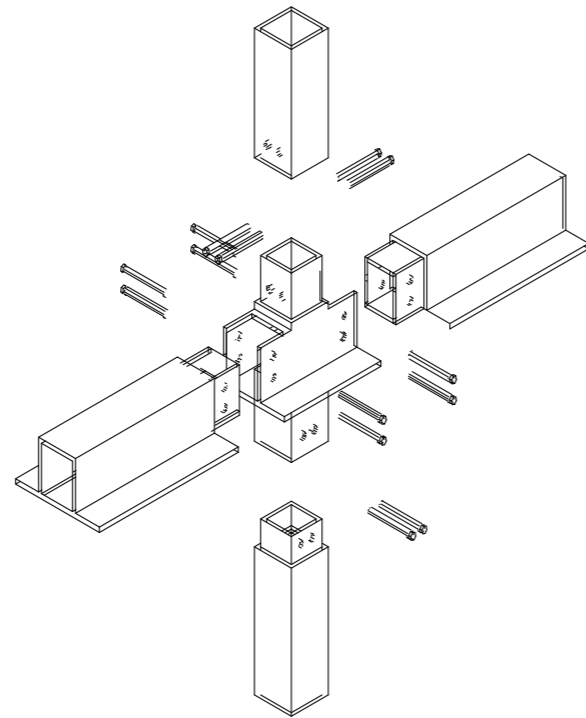
North facade



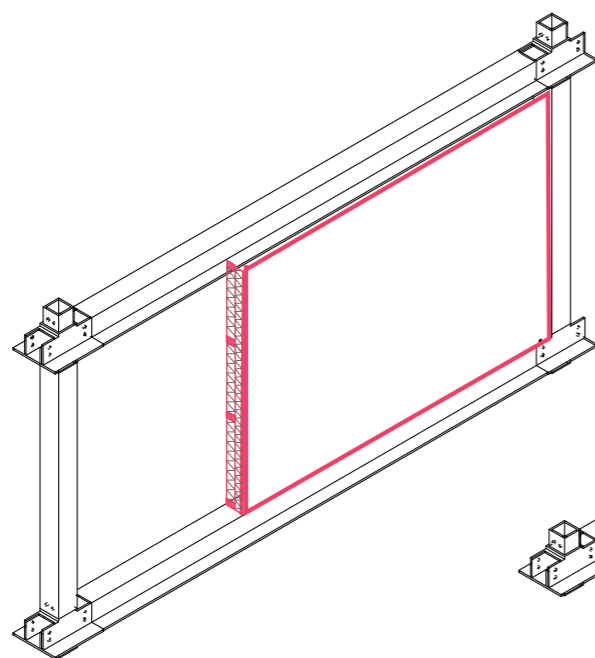
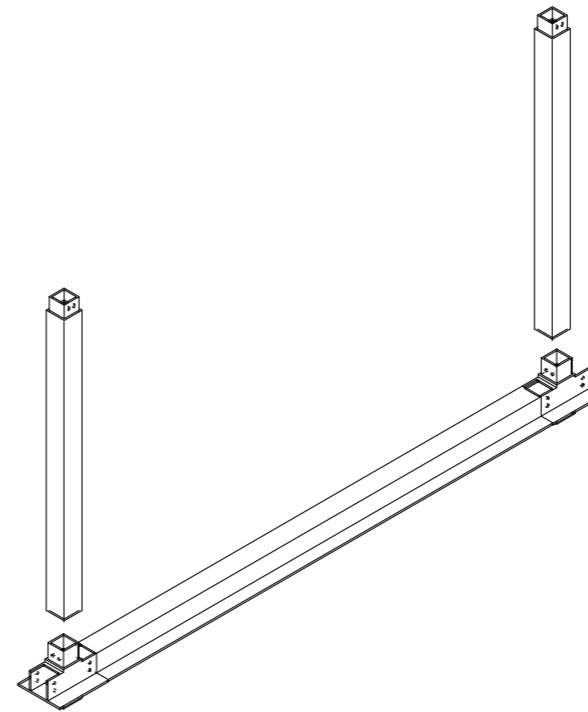
West facade

CONSTRUCTION CONCEPT

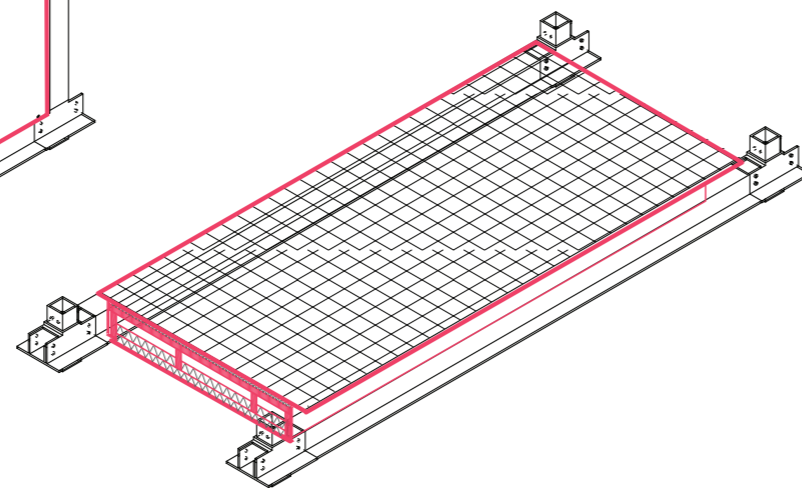
Demountable joints



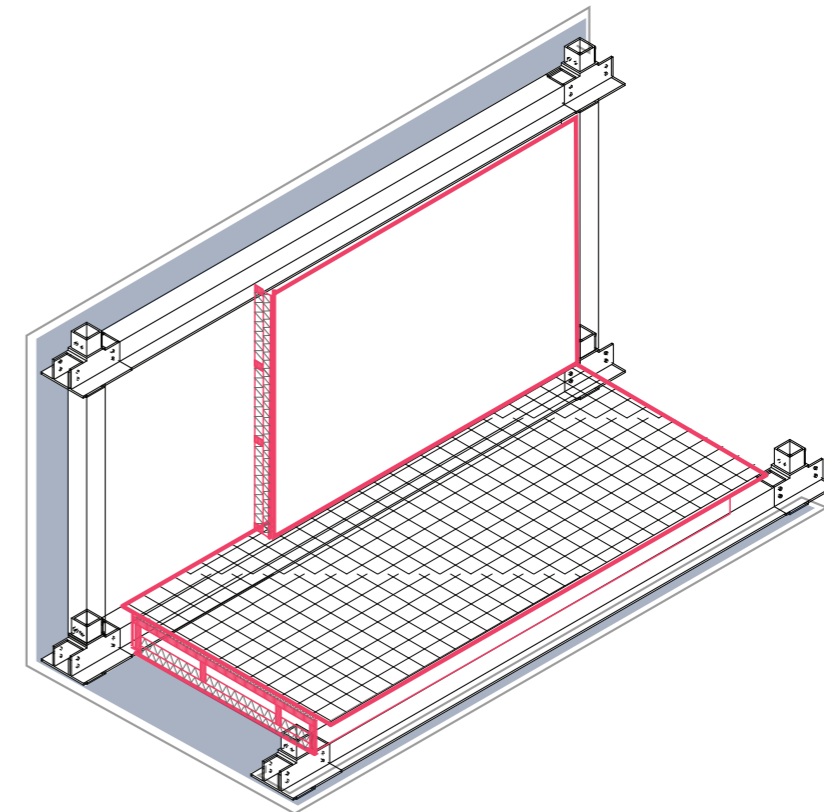
Framework for transport



Wooden system walls

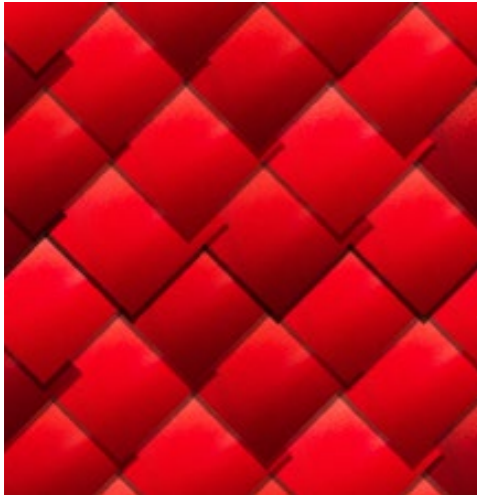


Vertically laminated lumber floor panels

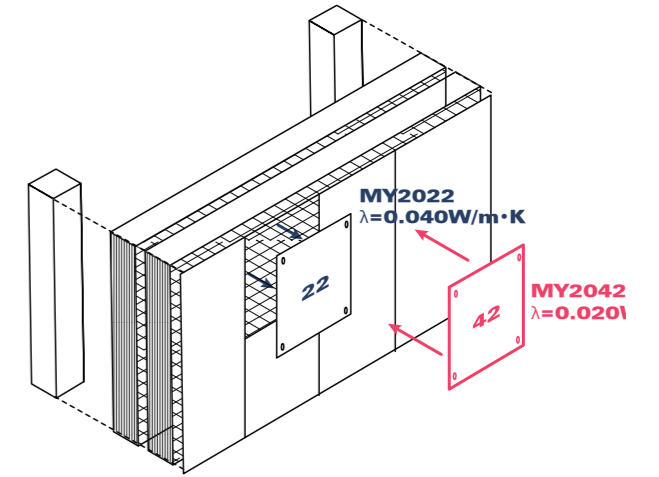
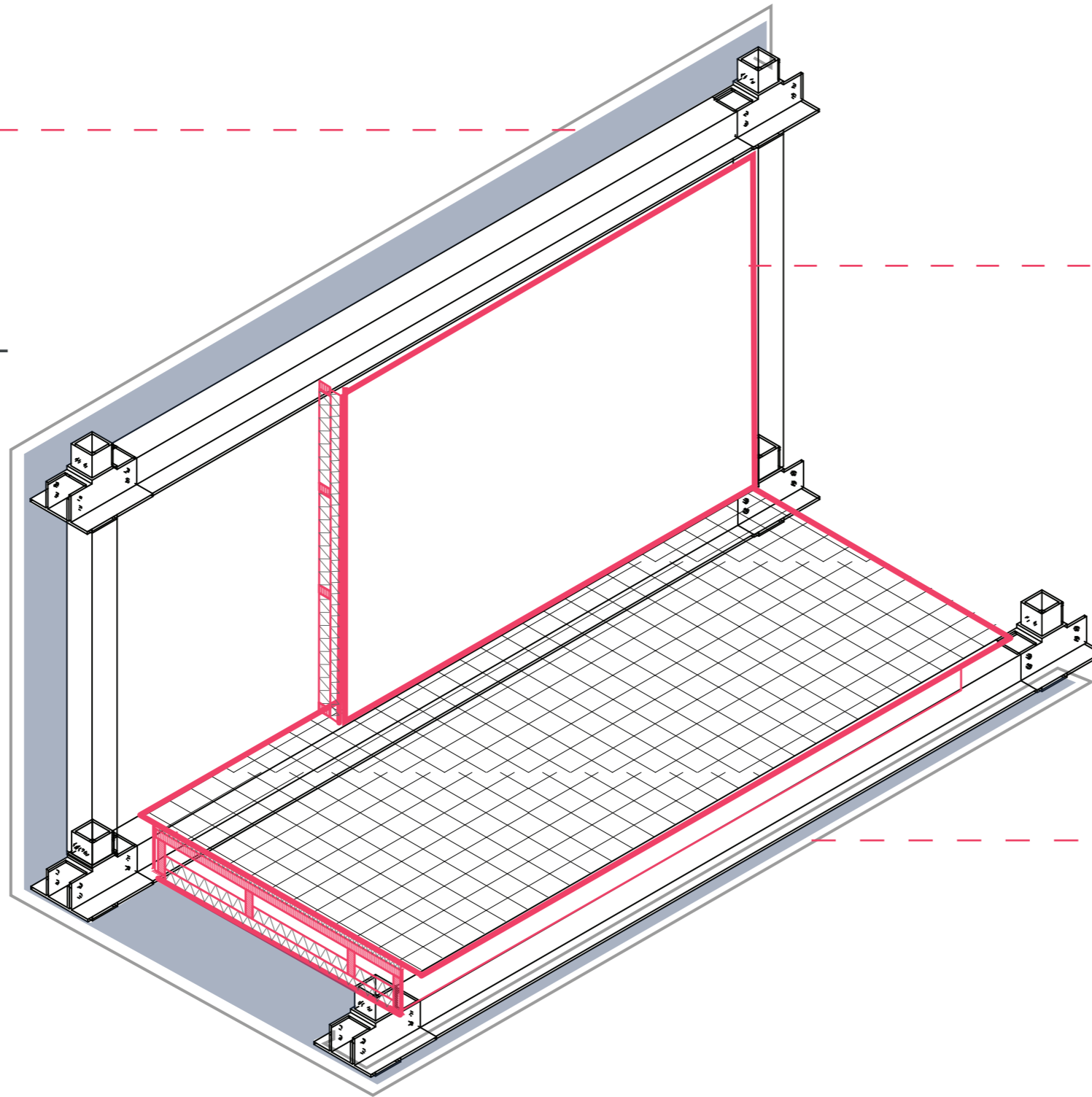


Steel cladding as hall cladding

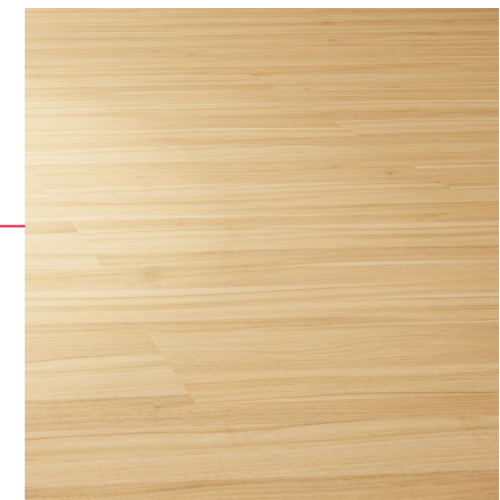
CONSTRUCTION CONCEPT



Reused car sheet metal
583 cars recycled /day in NL

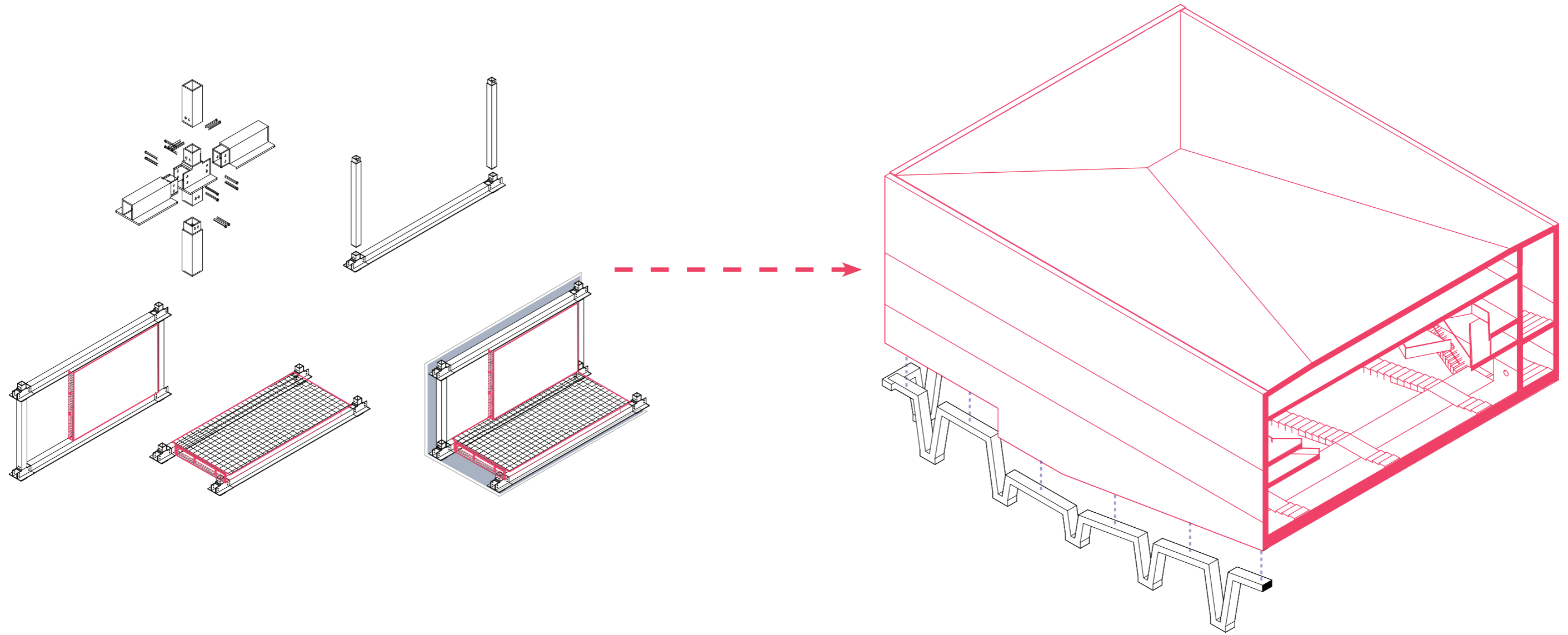


Replacable parts
Upgradable over time



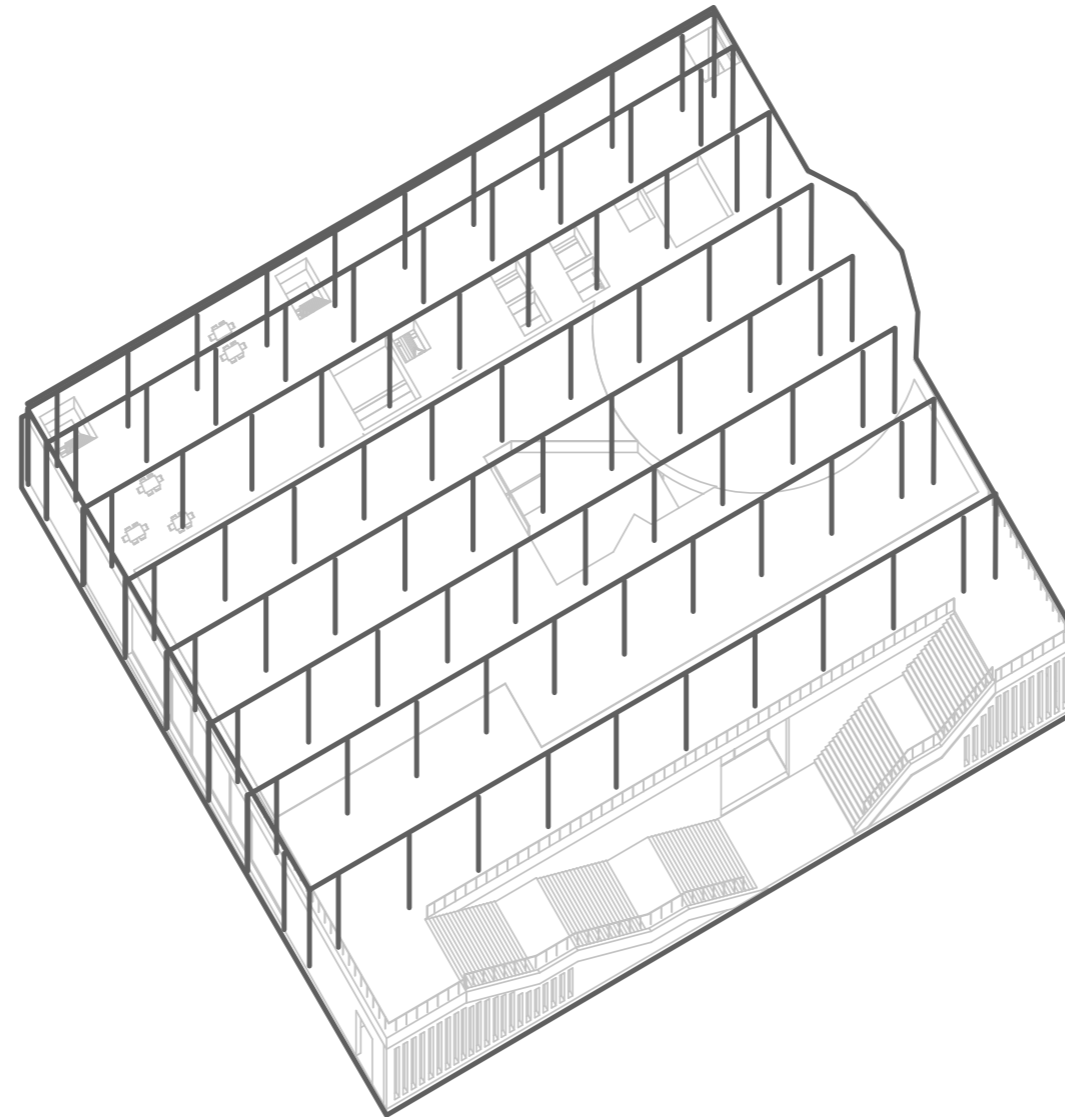
Nationally sourced wooden panels for acoustics and weight reduction

CONSTRUCTION CONCEPT



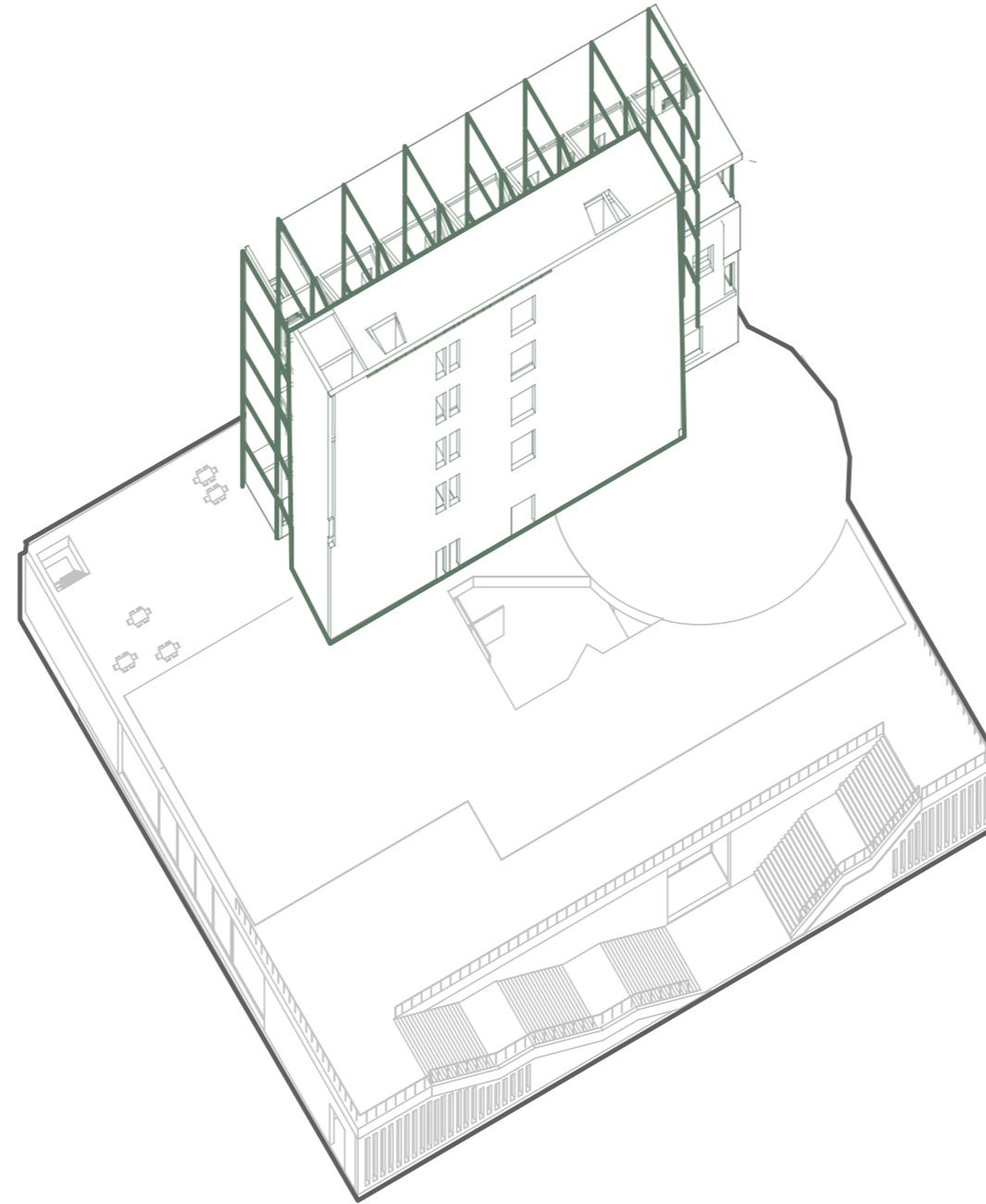
Independently constructed and placed on structure

CONSTRUCTION SEQUENCE



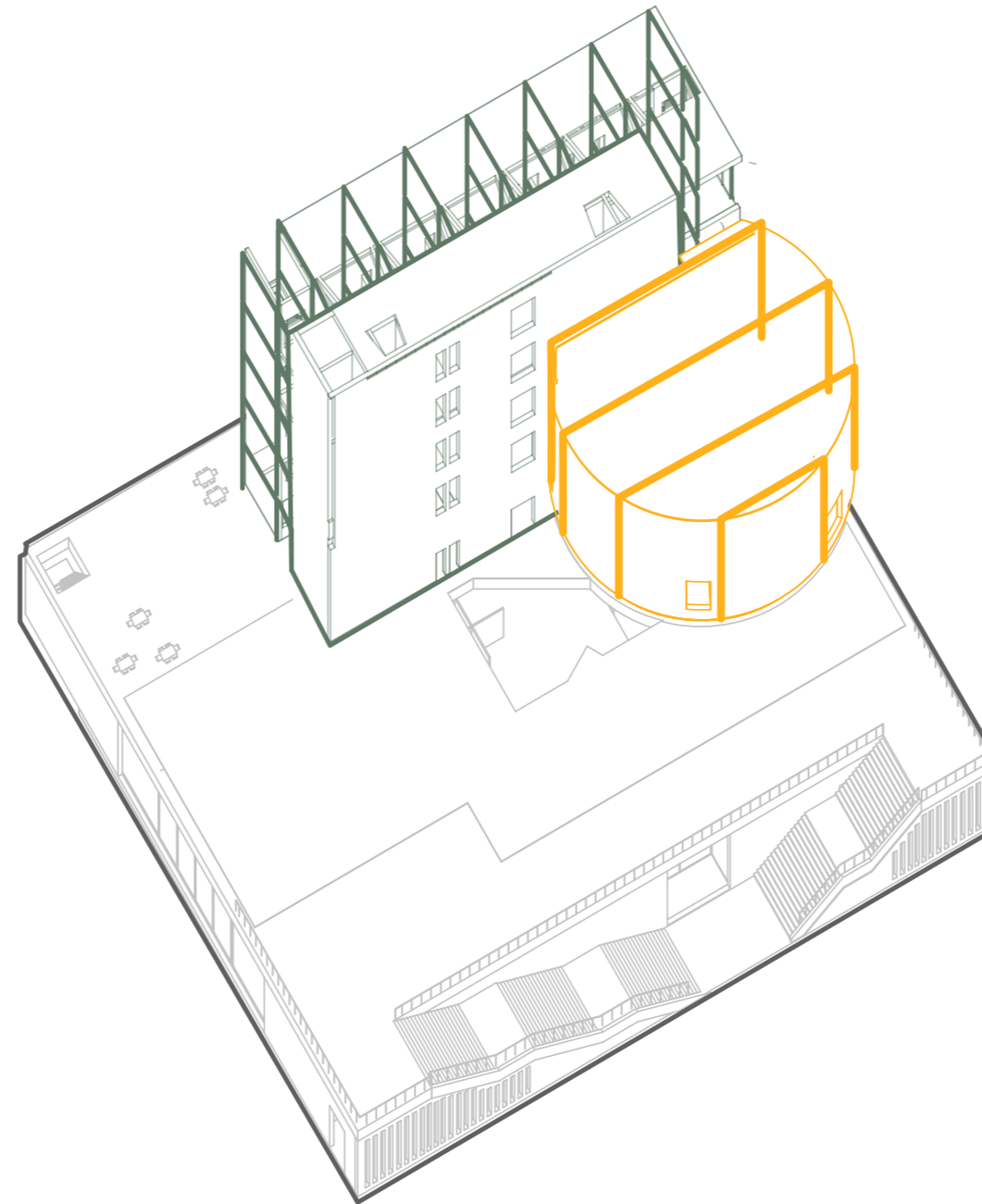
Construction of steel framed base

CONSTRUCTION SEQUENCE



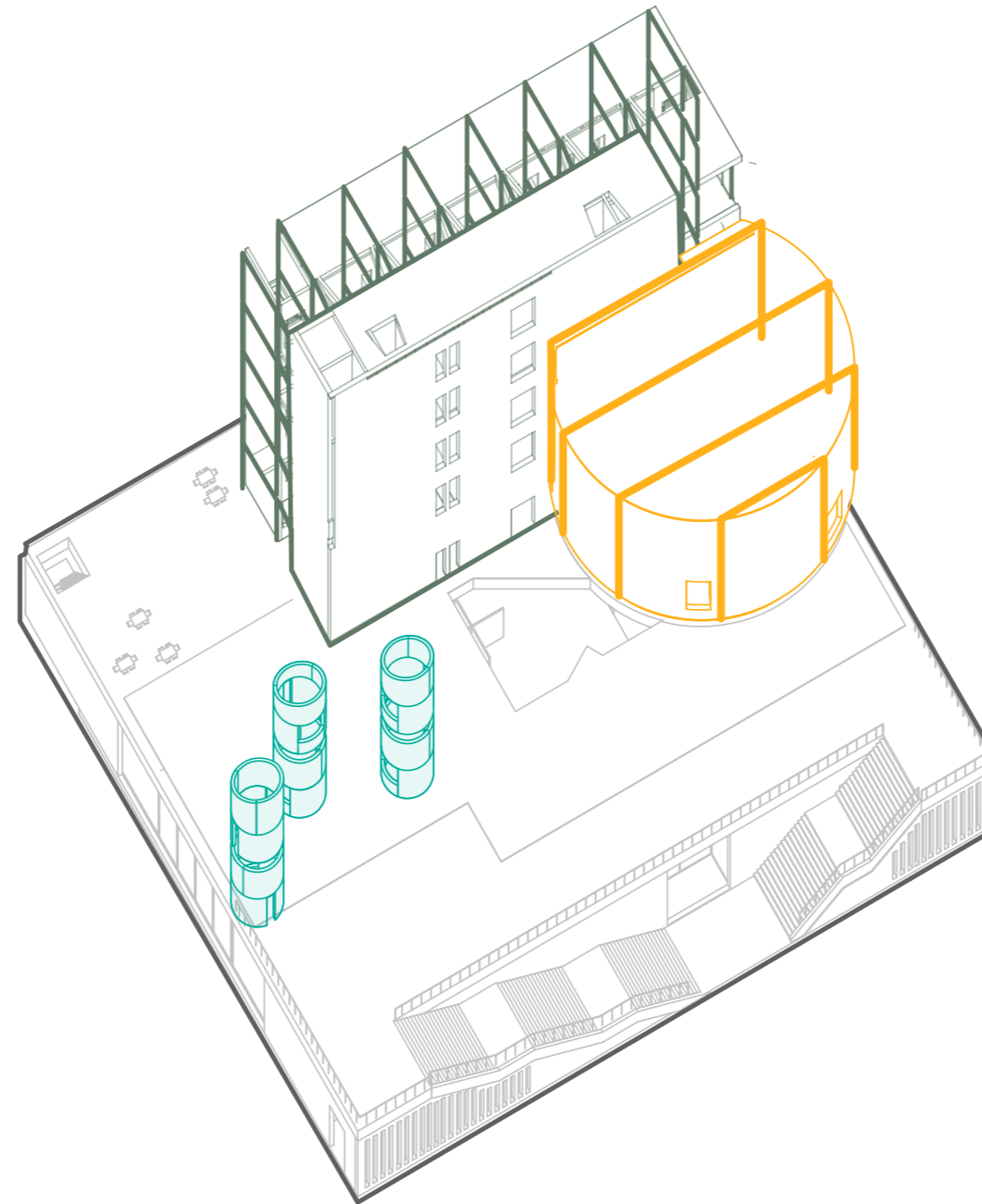
Hybrid structure backbone and shafts

CONSTRUCTION SEQUENCE



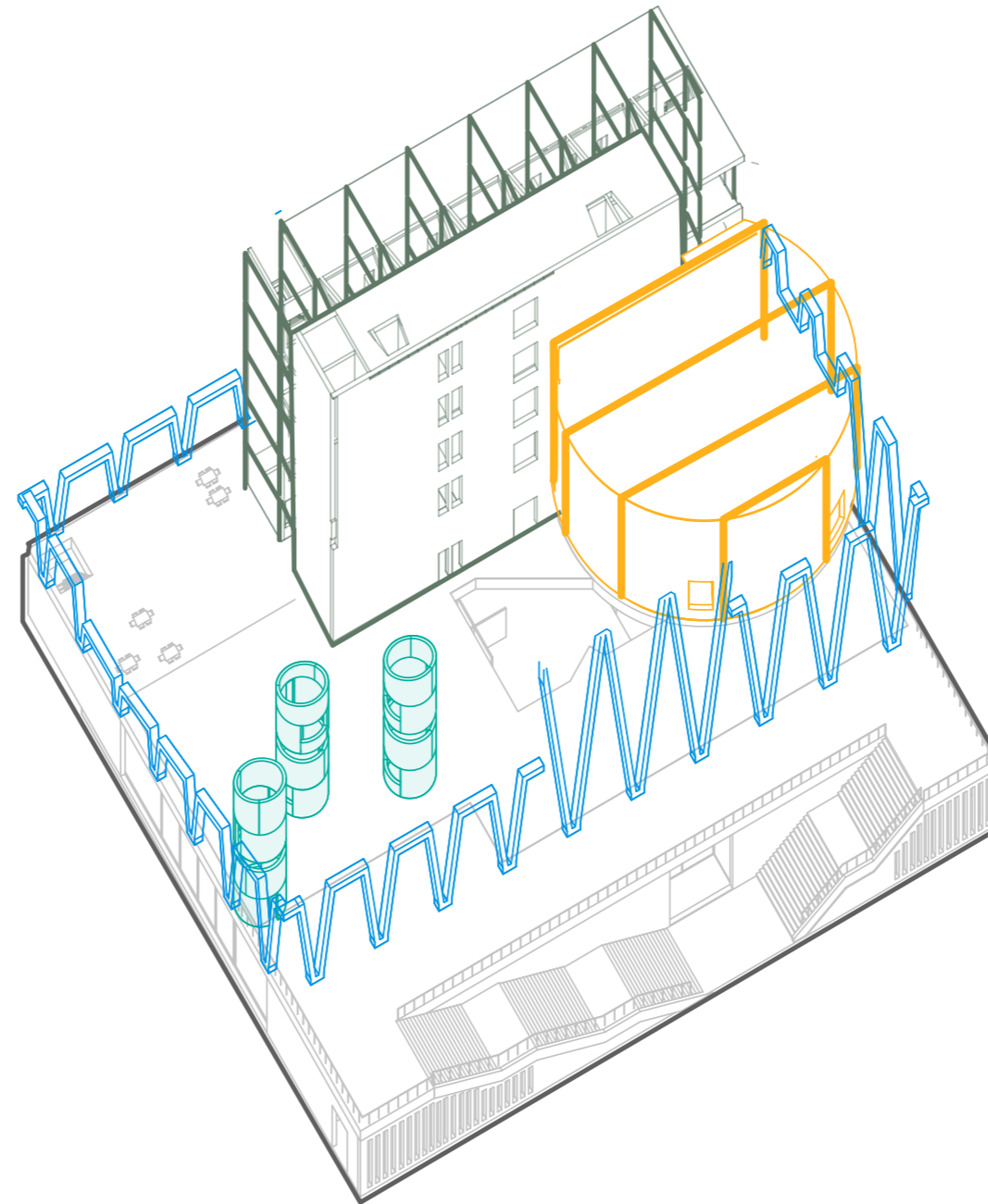
Horseshoe hall steel framework

CONSTRUCTION SEQUENCE



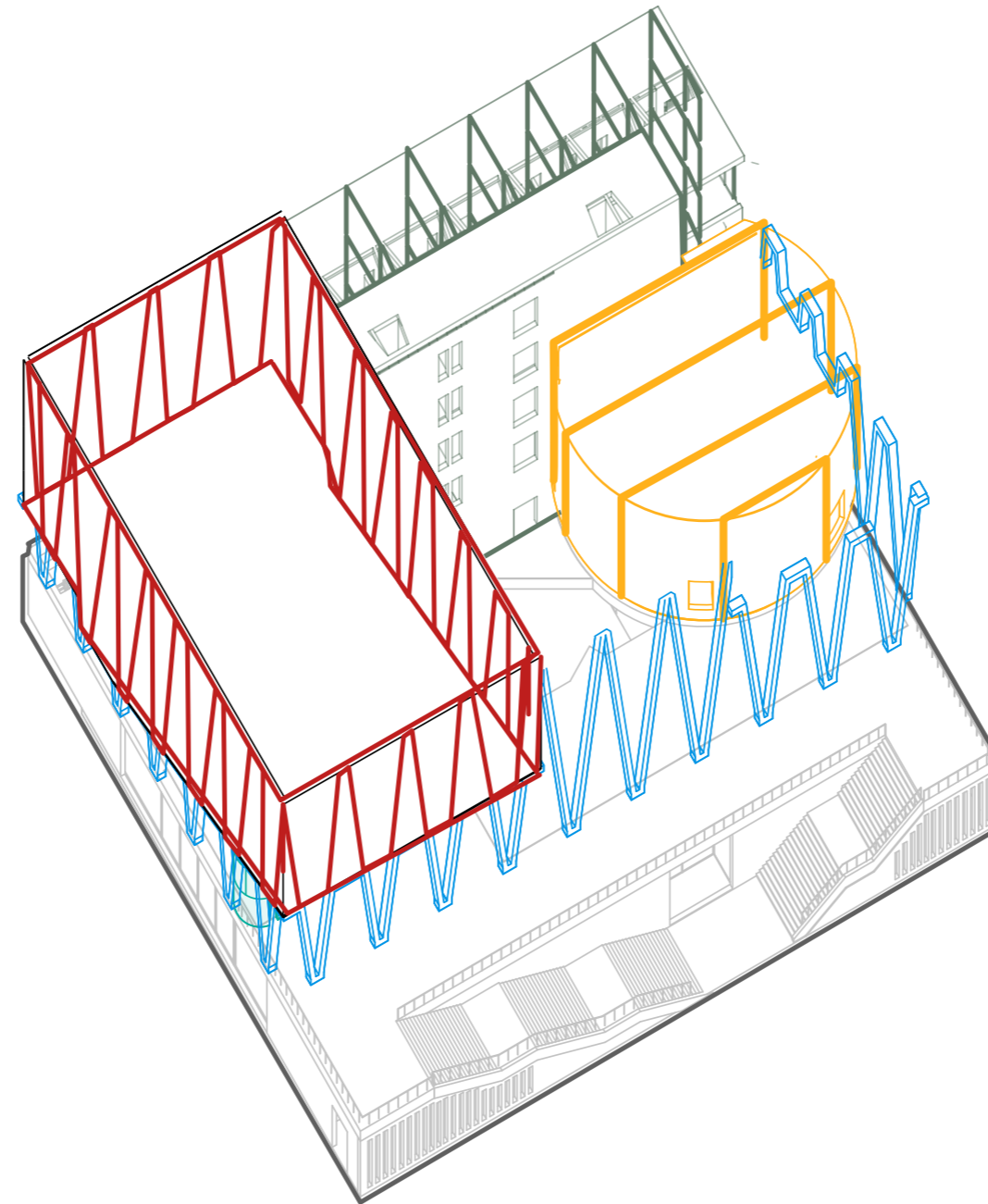
Construction of load bearing booths

CONSTRUCTION SEQUENCE



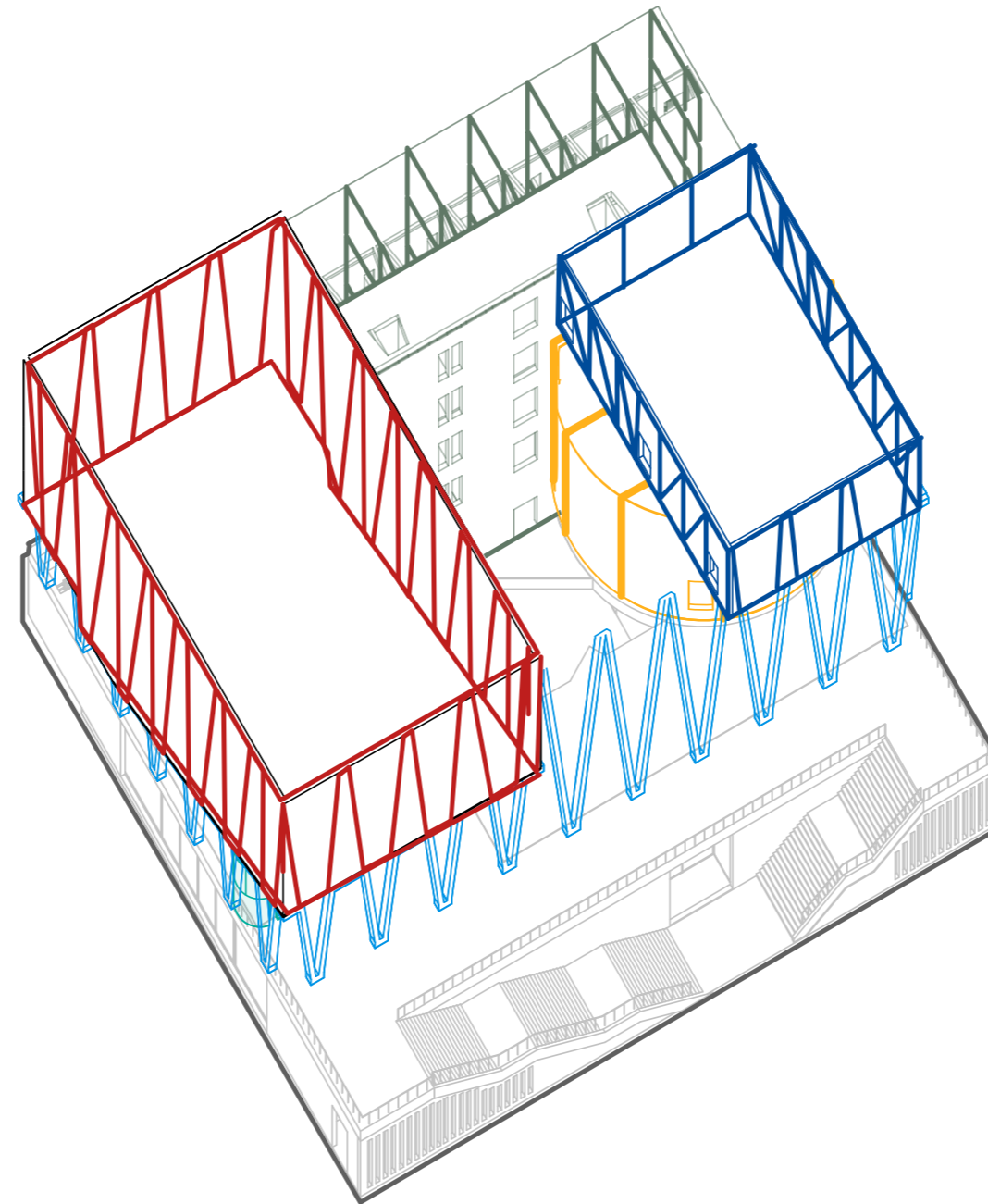
Load-bearing facade around objects

CONSTRUCTION SEQUENCE



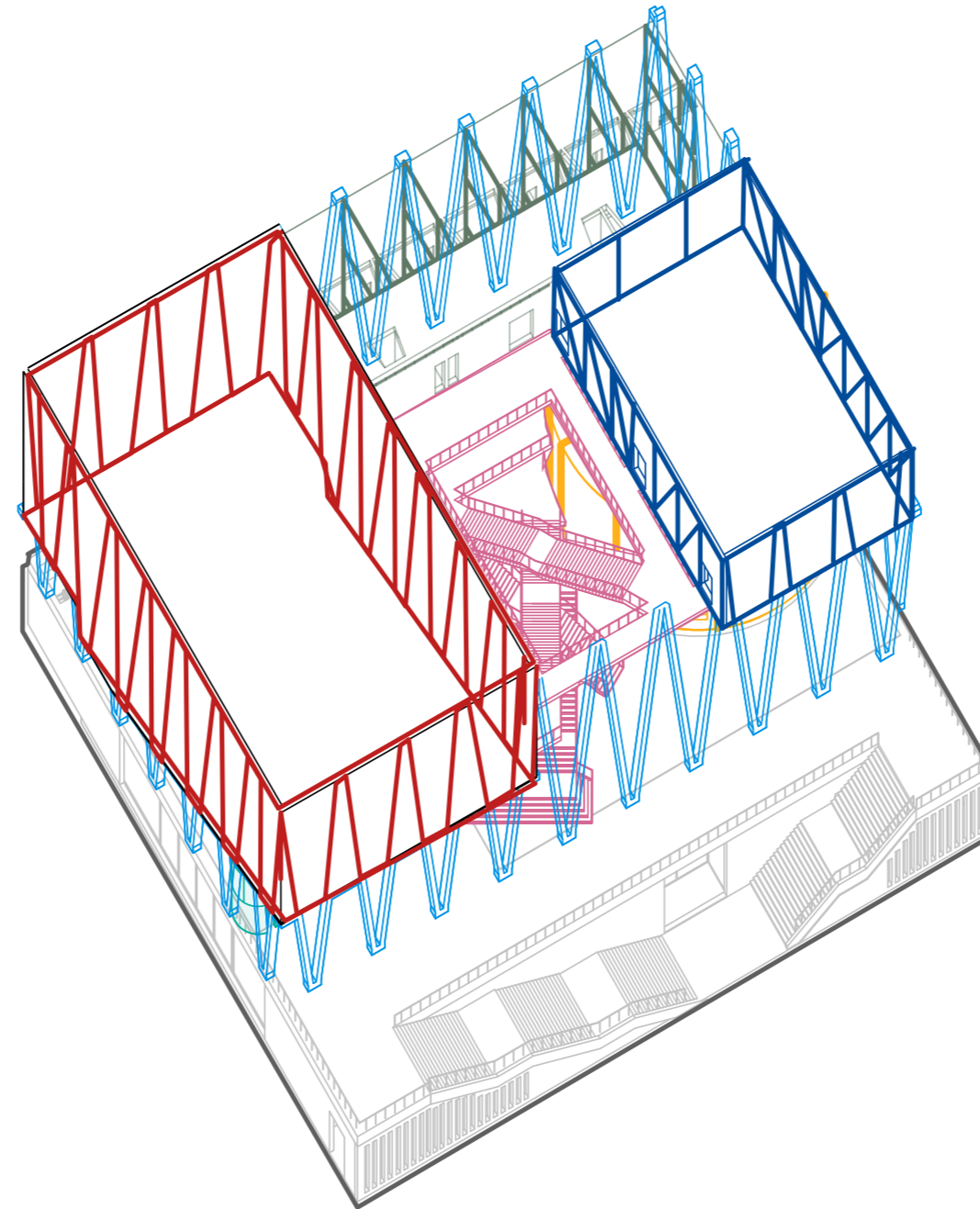
Classical hall constructed and placed on top

CONSTRUCTION SEQUENCE



Shakespeare hall placed using trusses in walls

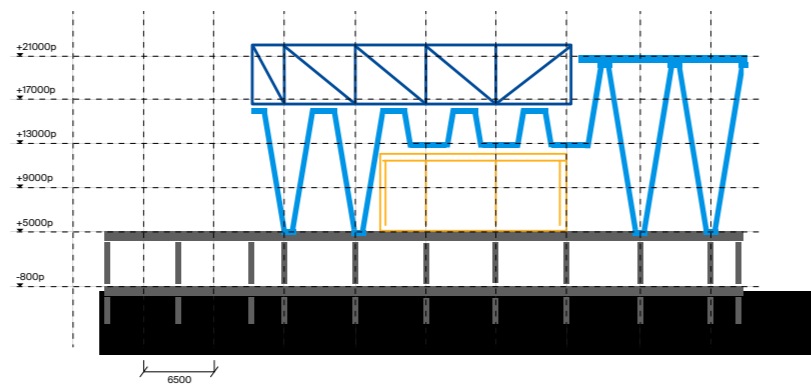
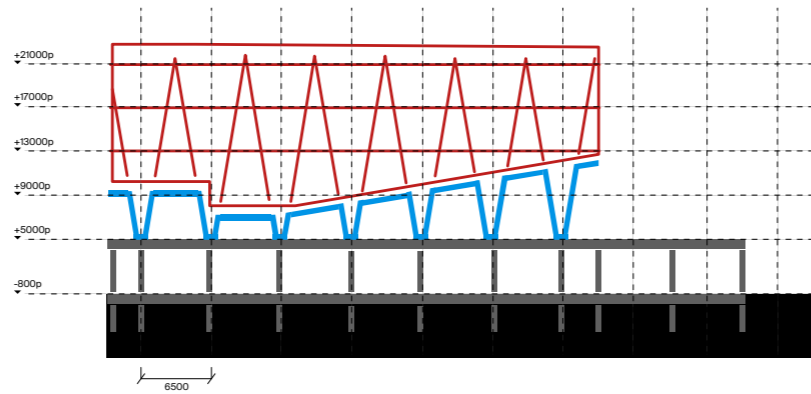
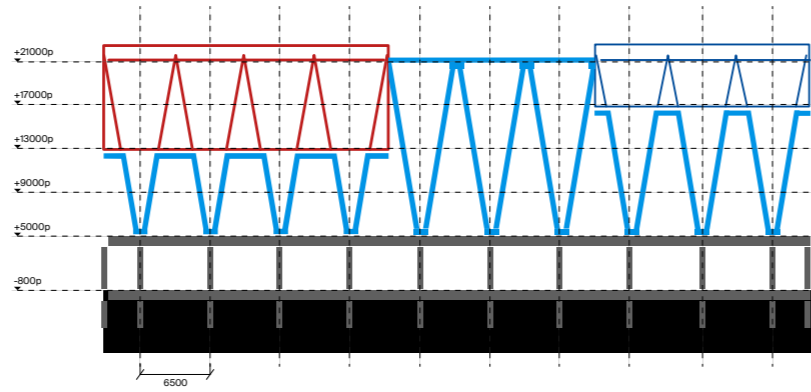
CONSTRUCTION SEQUENCE



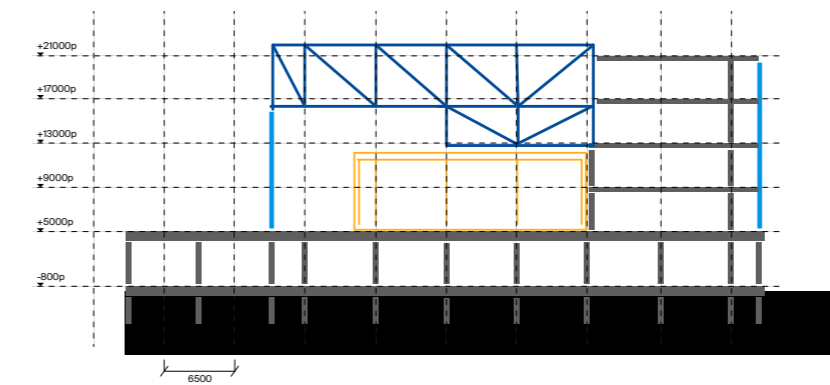
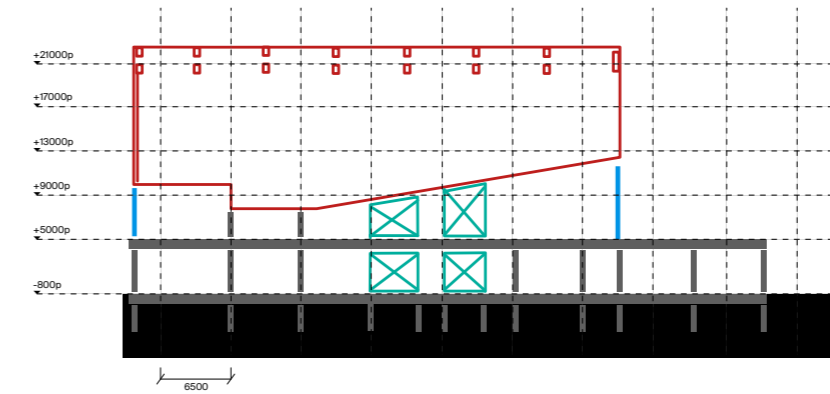
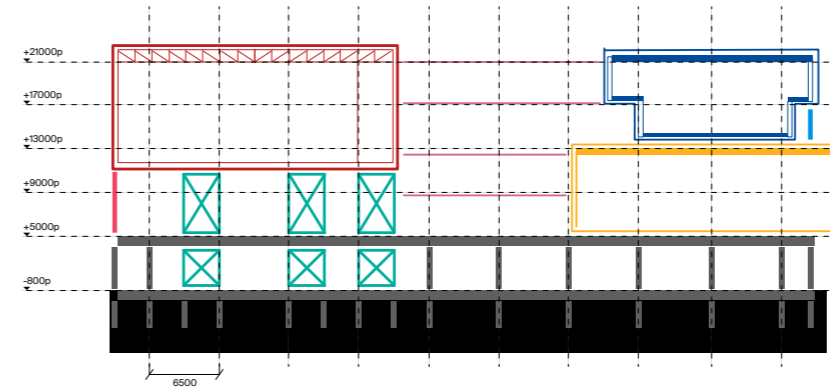
Staircases mounted in between for rigidity

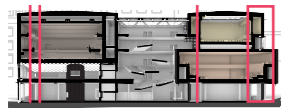
STRUCTURAL CONCEPT

Facade

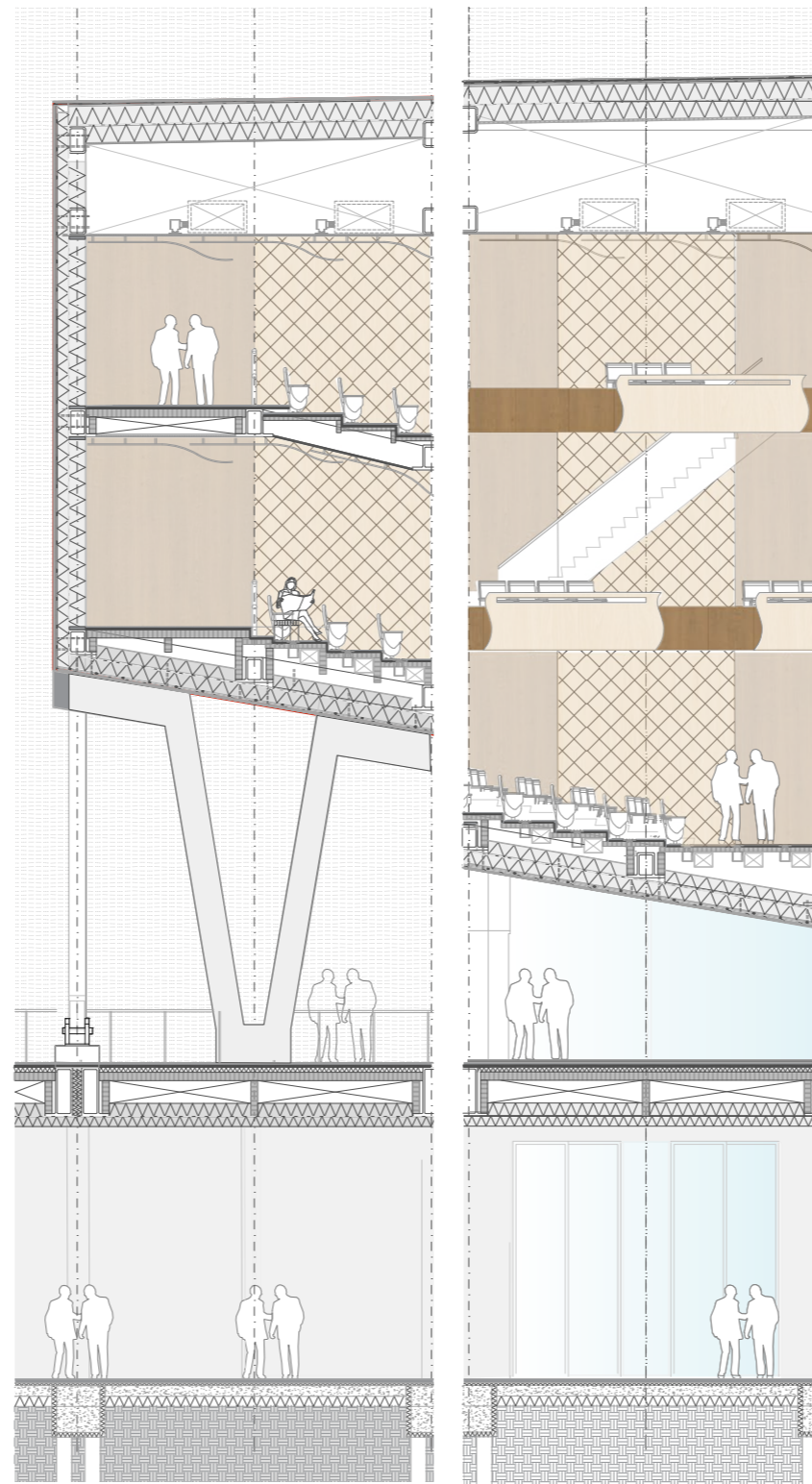


Section

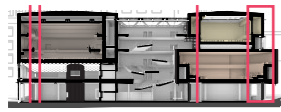




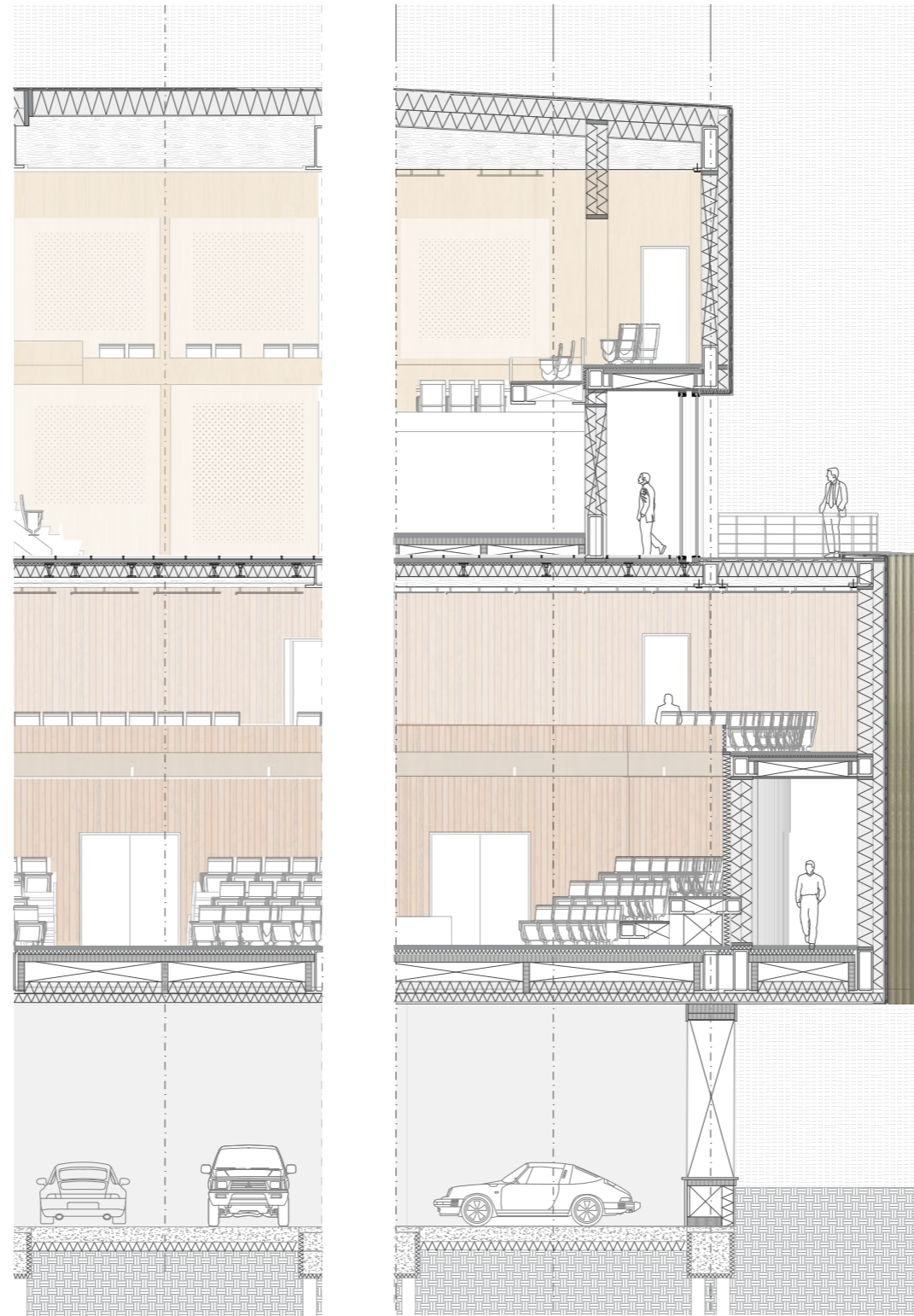
INTERIOR SECTIONS - CLASSICAL HALL



Longitudinal sections

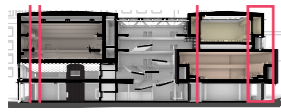


INTERIOR SECTIONS - SHAKESPEARE/HORSESHOE

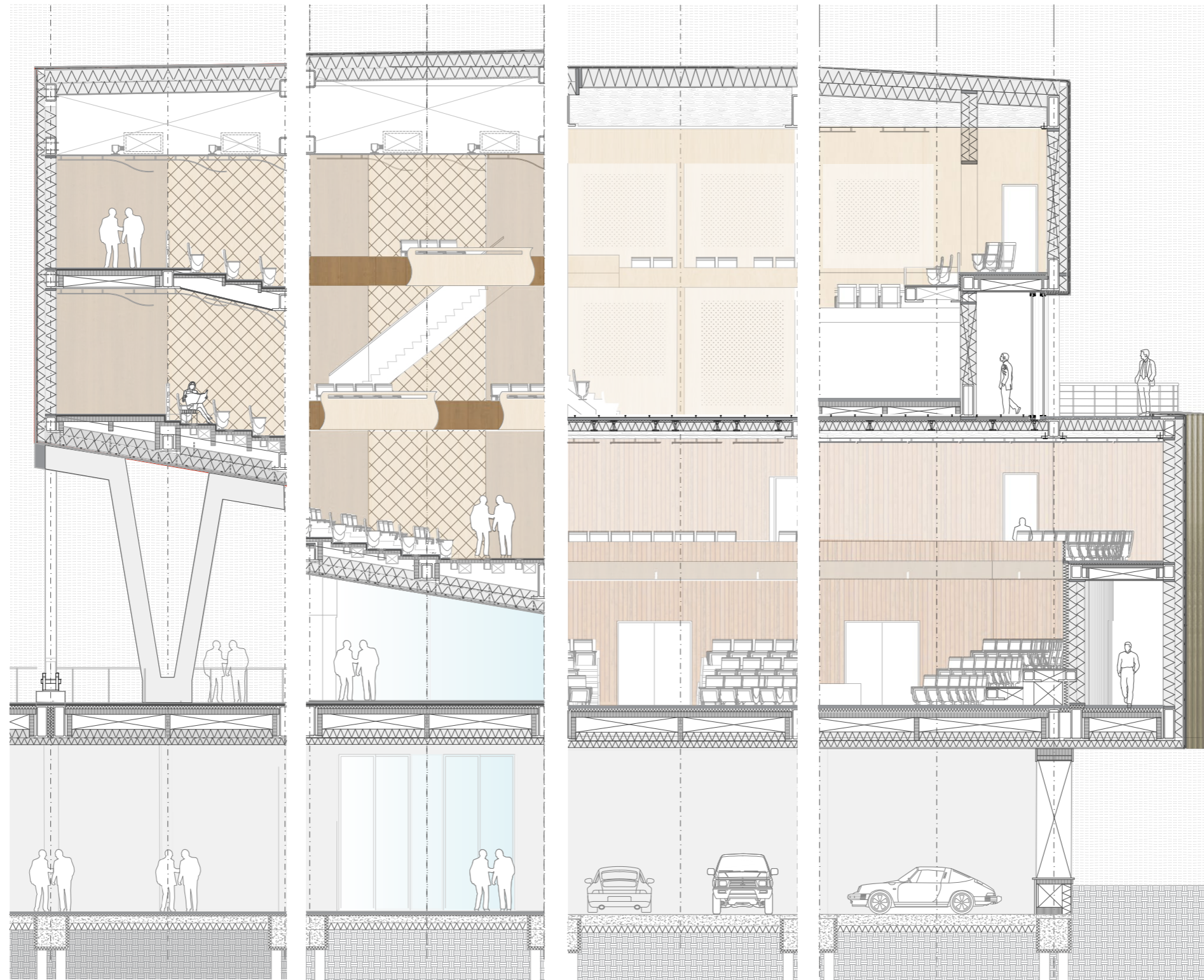


Longitudinal section

Transverse section



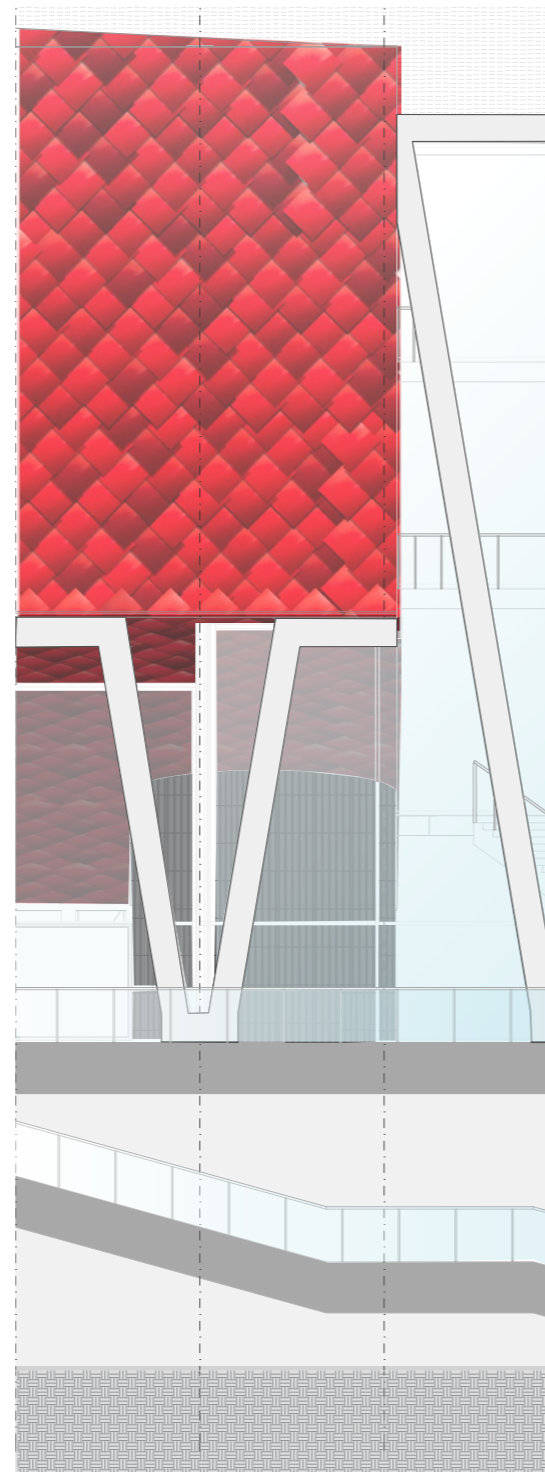
INTERIOR SECTIONS



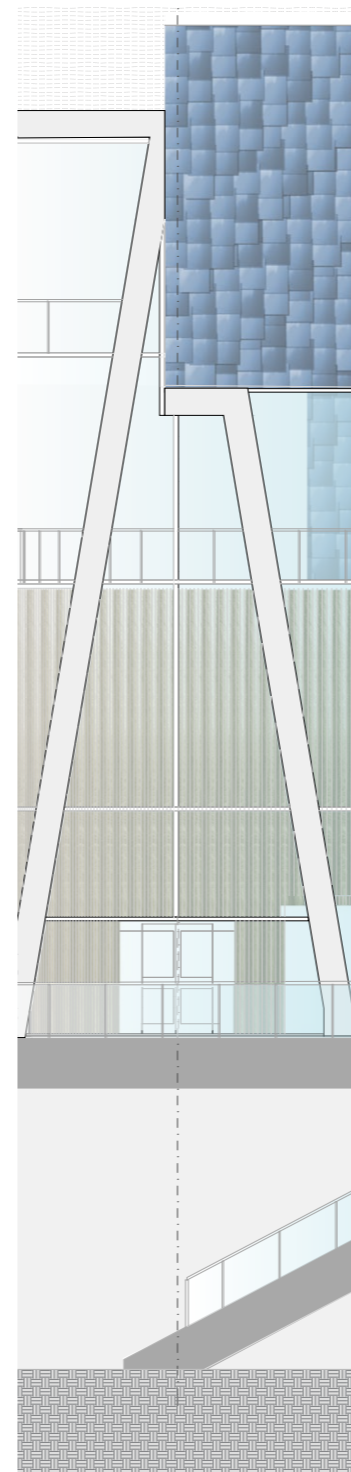
Classical hall

Shakespeare and Horseshoe hall

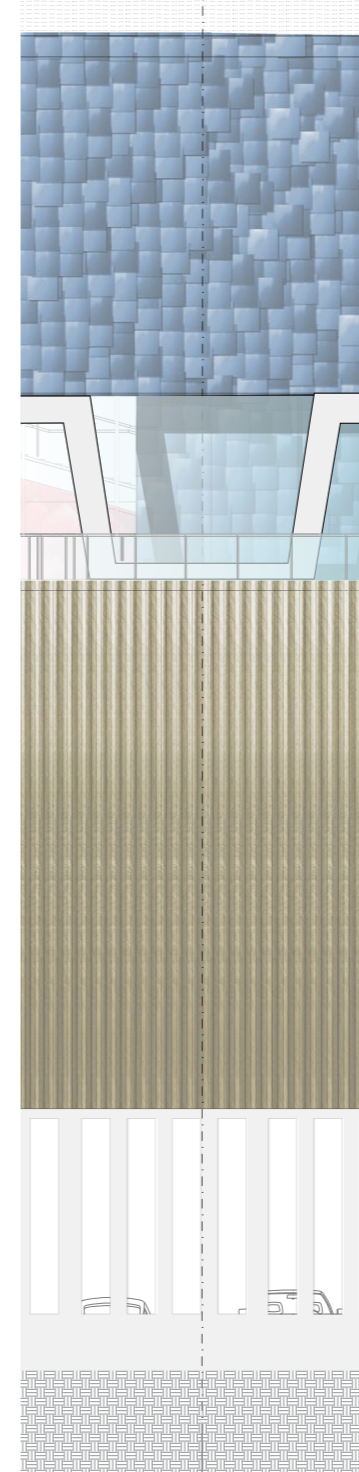
ELEVATIONS



North facade



North facade

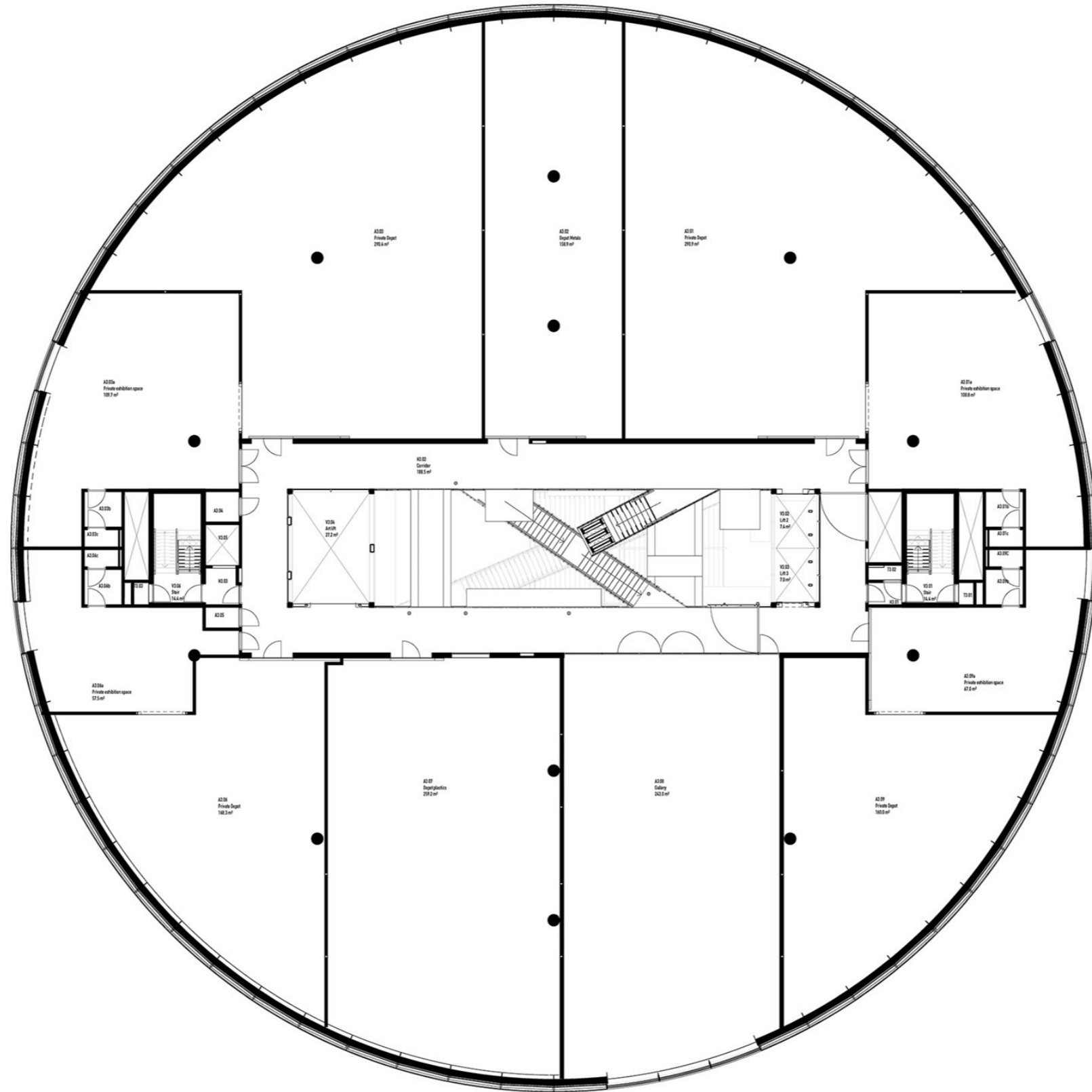


West facade





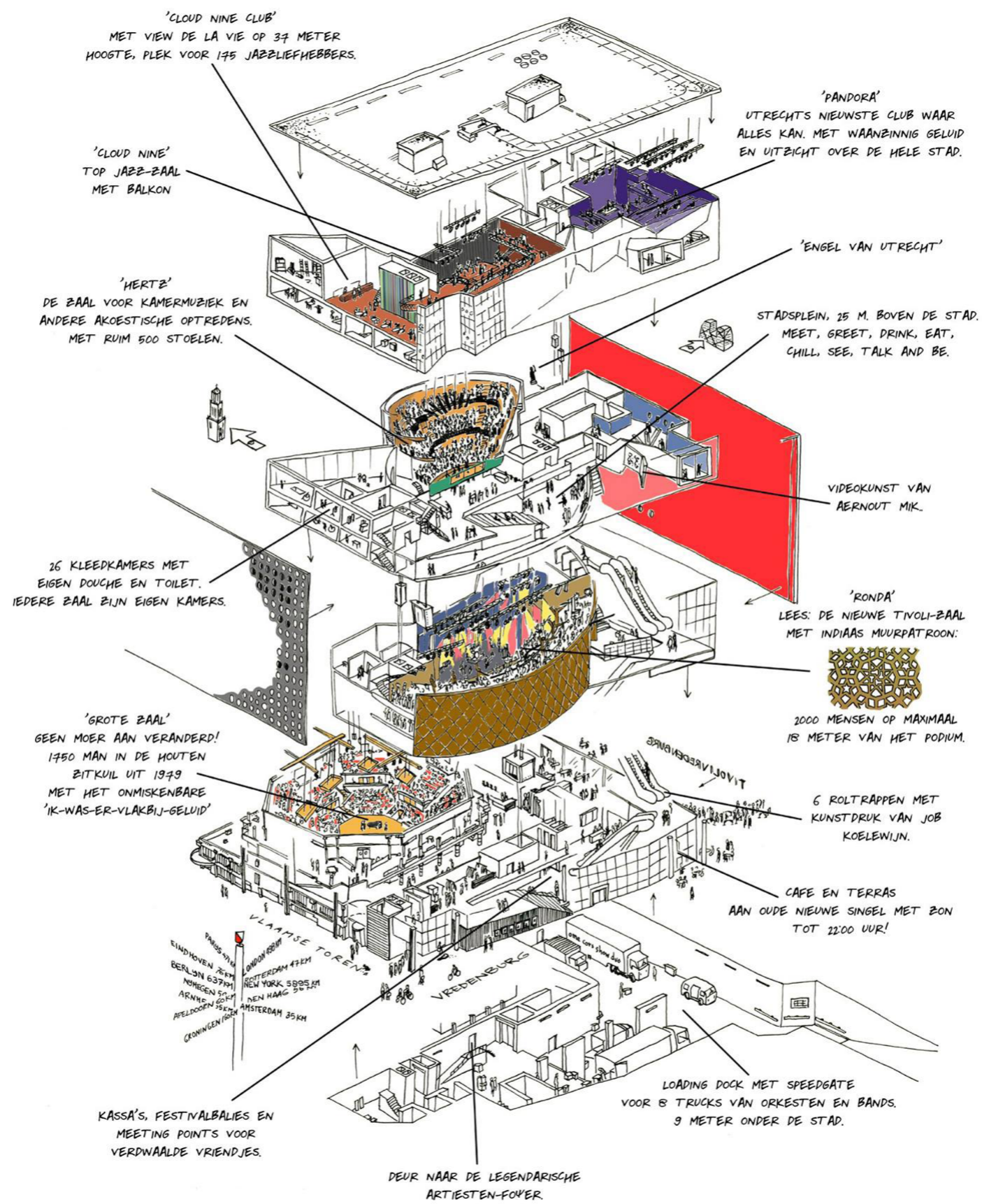
Thank you











VOOR MEER DAN 7000 MUZIEKLIEFHEBBERS DOOR HERMAN HERTZBERGER, PATRICK FRANSEN, JO COENEN, THIJS ASSELBERGS & NL ARCHITECTS

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