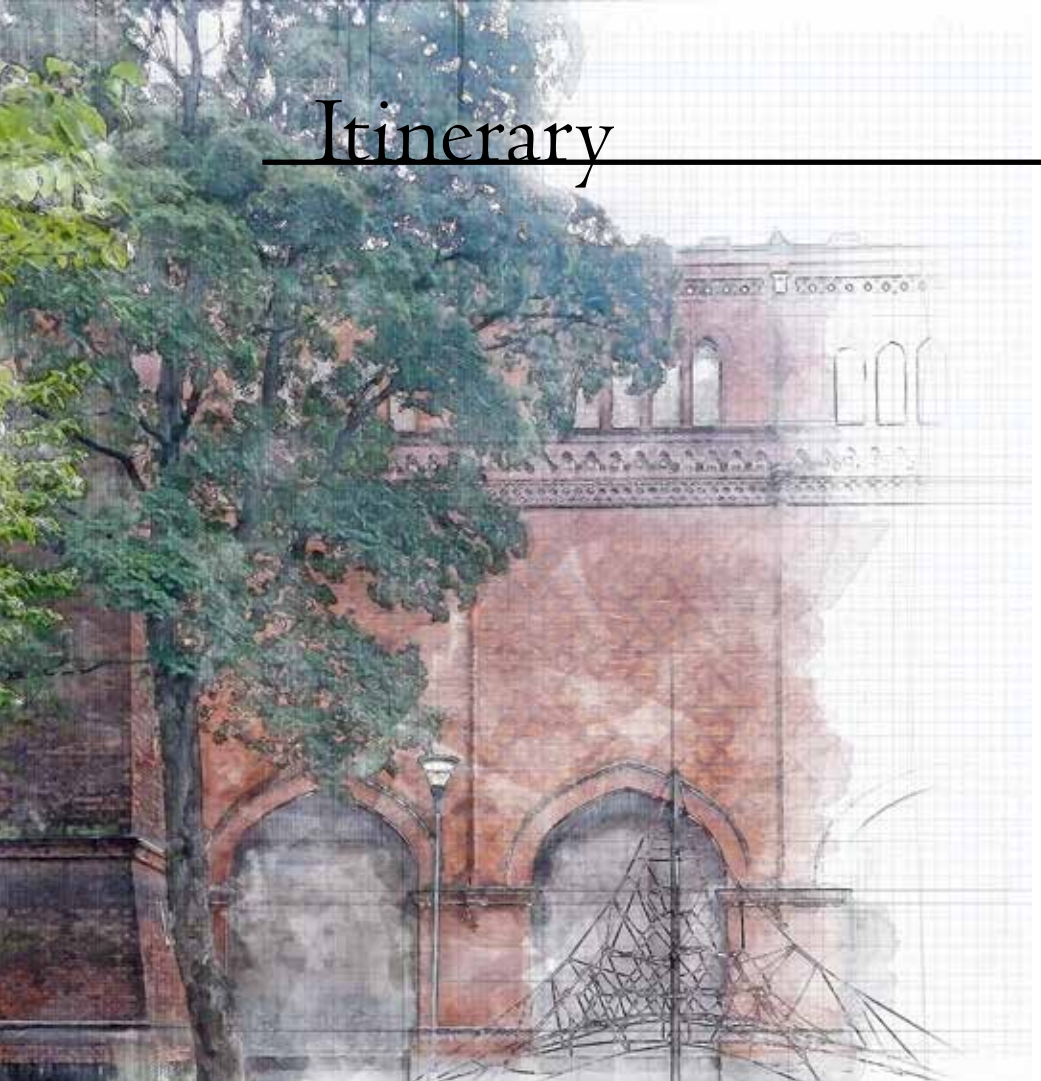
Selvplejecenter

Fabrice Meyer - 4431286

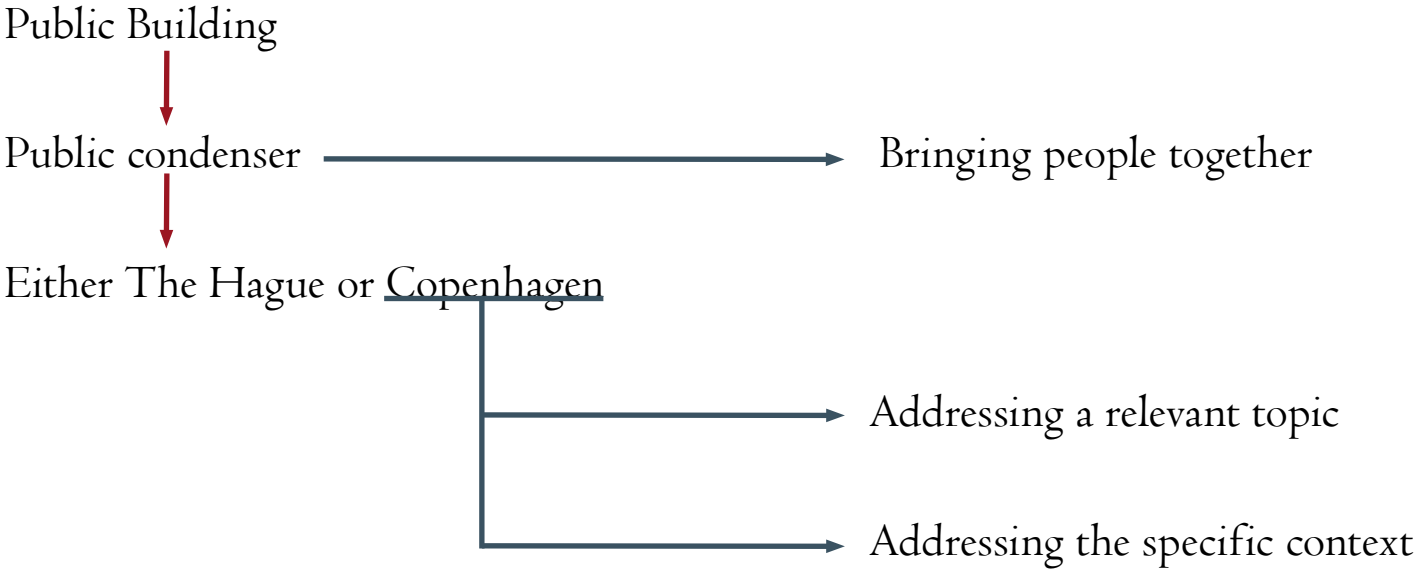
2019 - 2020



Itinerary

Assignment
Design Concept
Design Proposal
Conclusion

Assignment


Public Building
Public condenser
Bringing people together
Either The Hague or Copenhagen
Addressing a relevant topic
Addressing the specific context

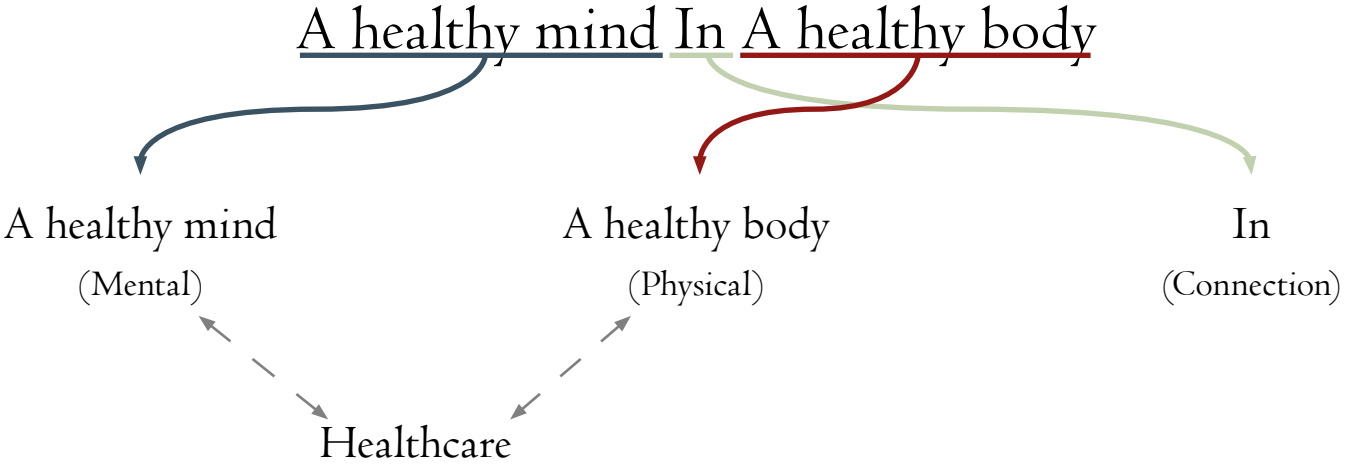
Relatively high death rate

Active intervention by the government

Promotion of specific lifestyle

Focus on mainly physical health

Nowadays integrated into the lifestyle of the Danish


A healthy mind In A healthy body
A healthy mind
(Mental)
A healthy body
(Physical)
In
(Connection)
Healthcare

Urban
Assignment
09

PLAYFUL
SQUARE

SOFT BORDER

SUBDUED
MEADOW

Urban

Assignment

10

SUBDUED
MEADOW
PLAYFUL
SQUARE

SOFT BORDER

STRONG BORDER

STRONG LINE OF SYMMETRY

NO ENDPOINT

Urban

Assignment

12

HEIGHT DIFFERENCE

BLOCKING BUILDING

BLOCKING BUILDING

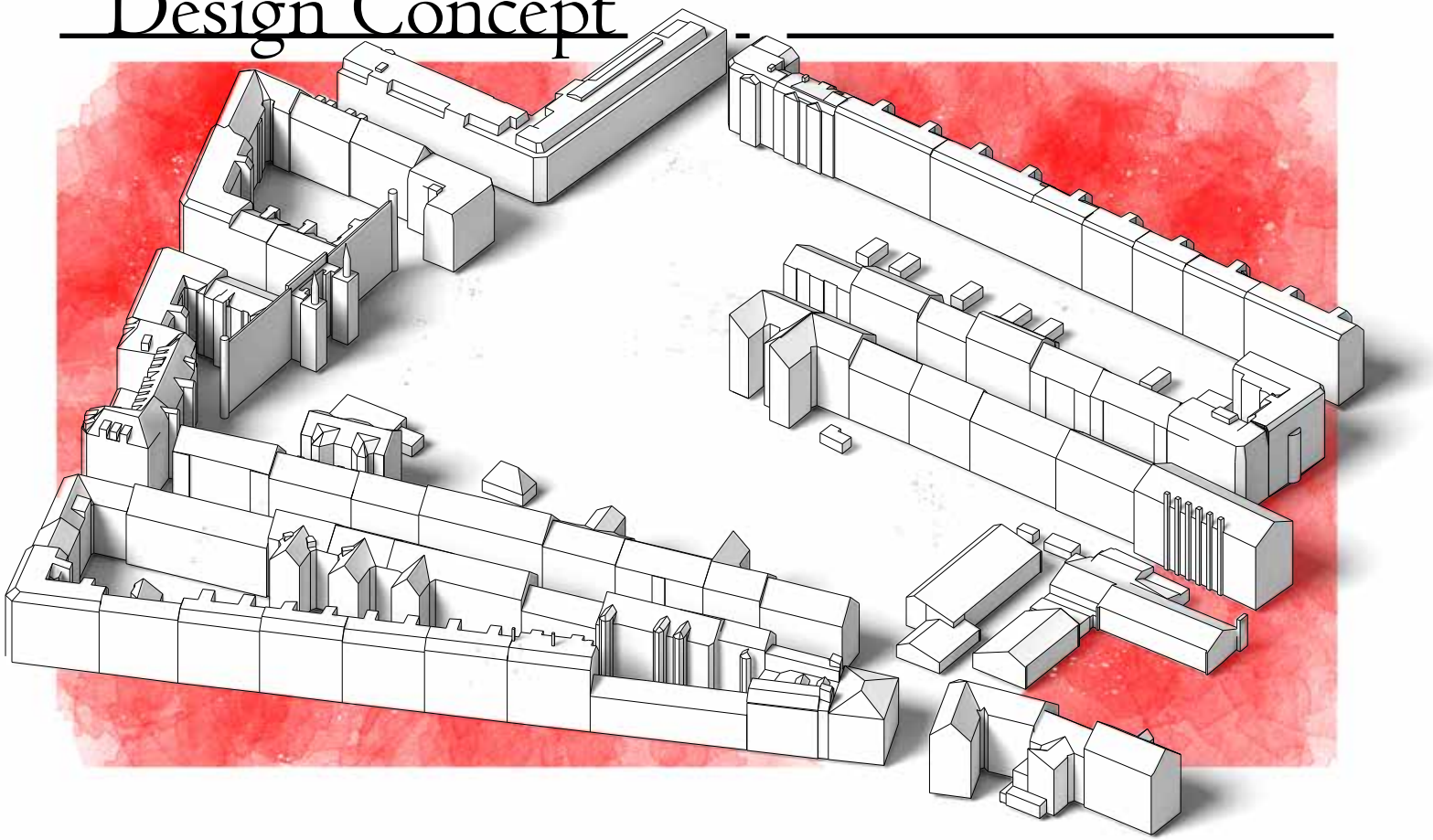
BLOCKING BUILDING

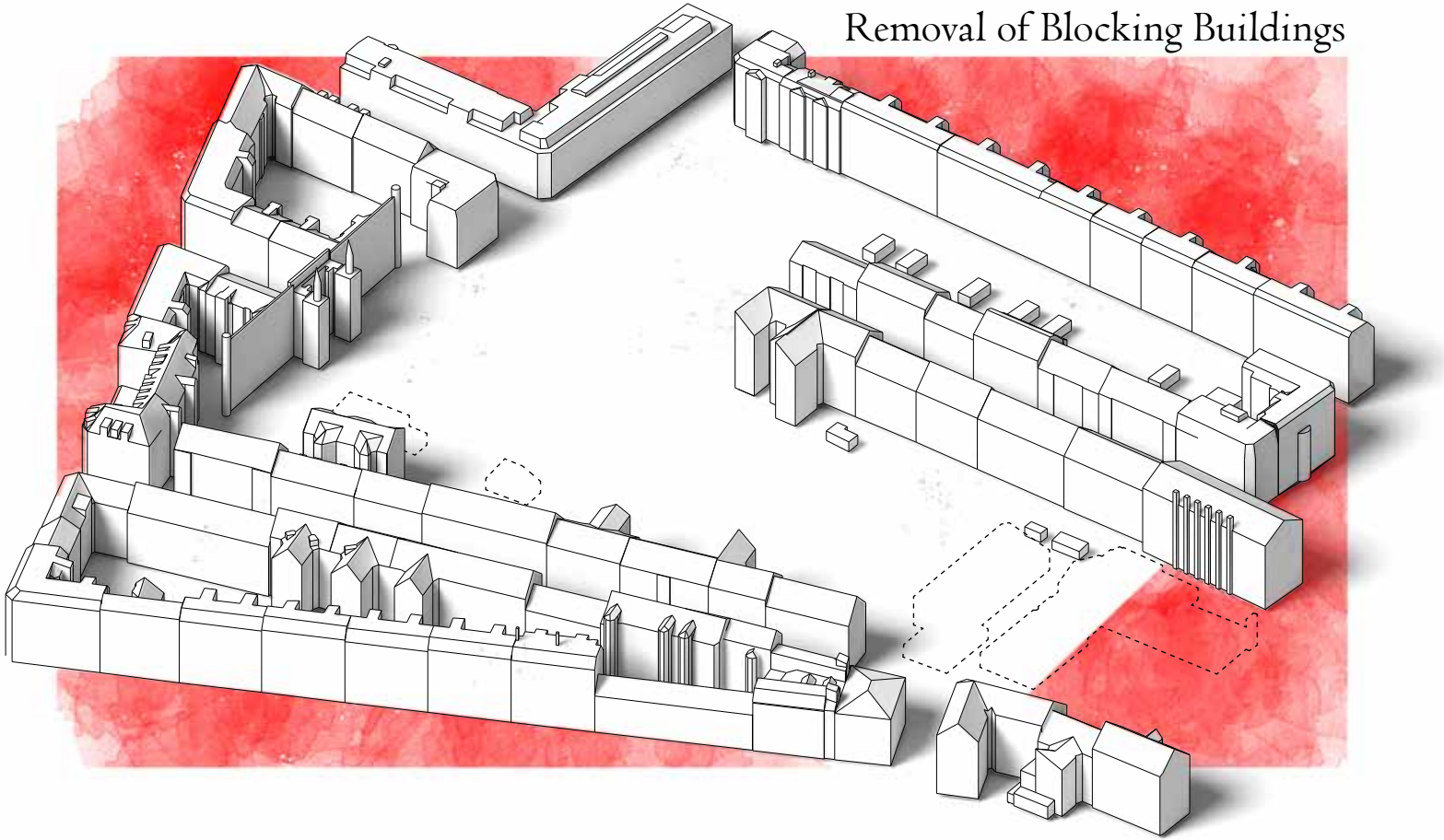
Urban

Assignment

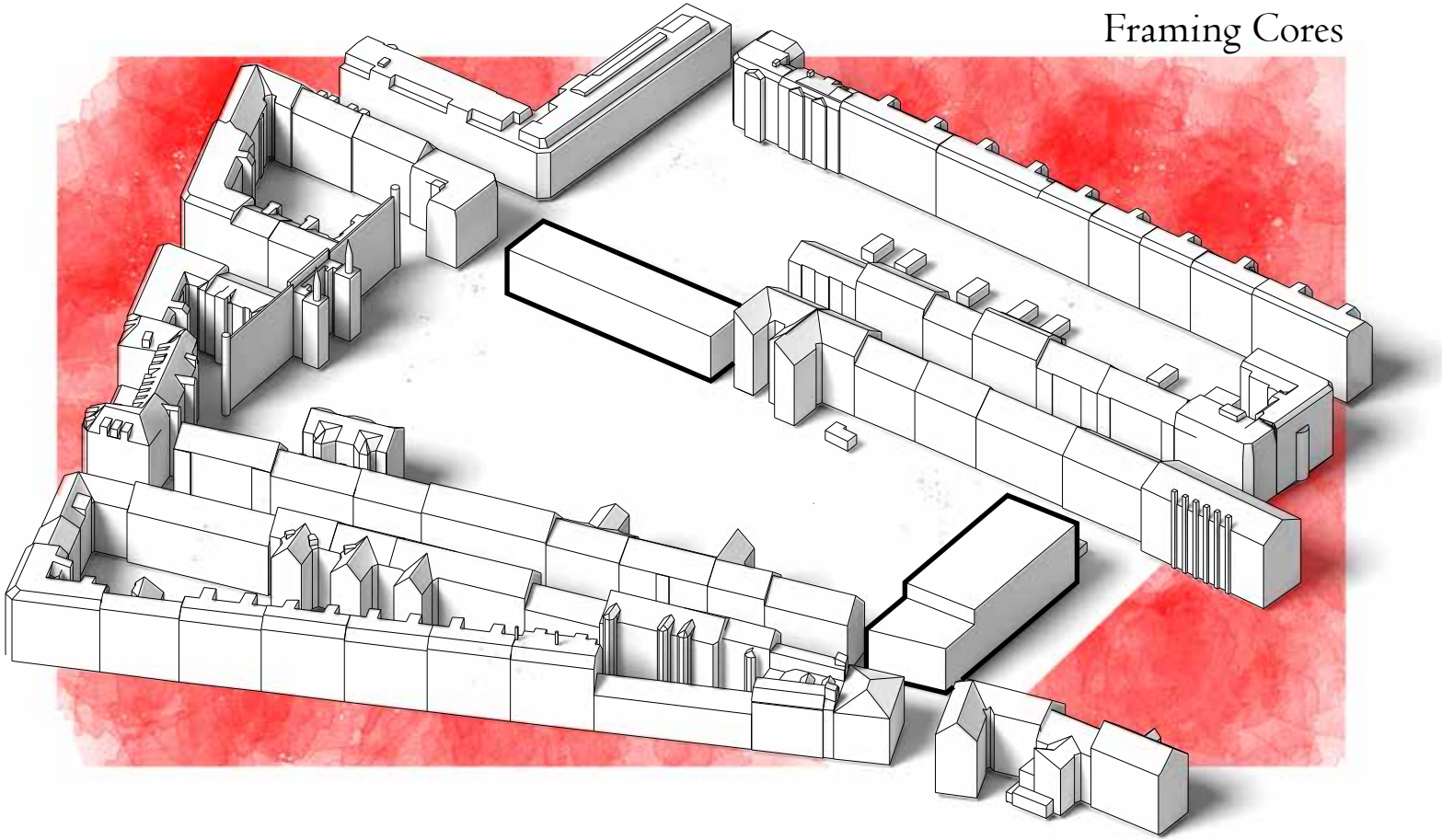
13

Design Concept

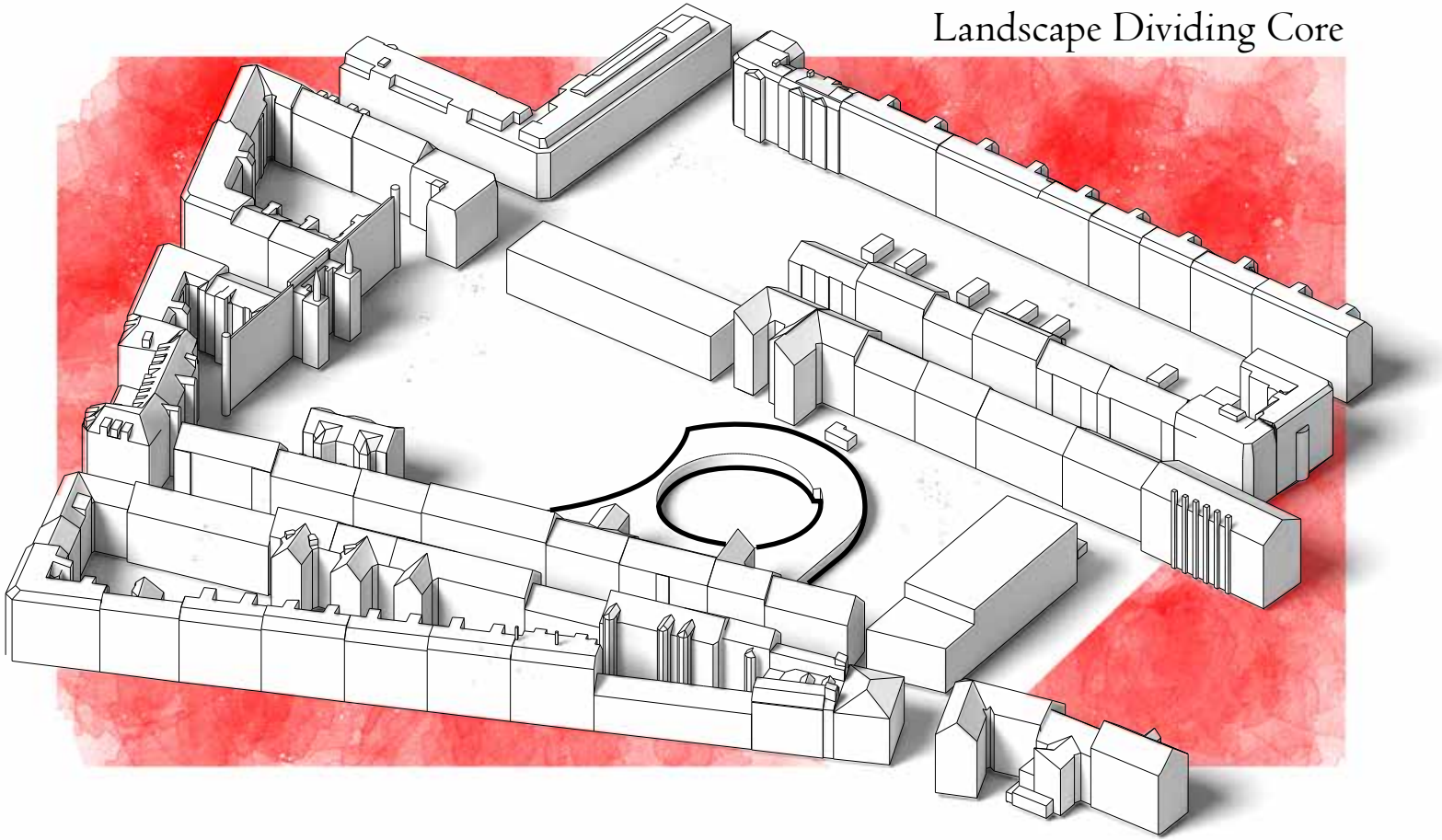


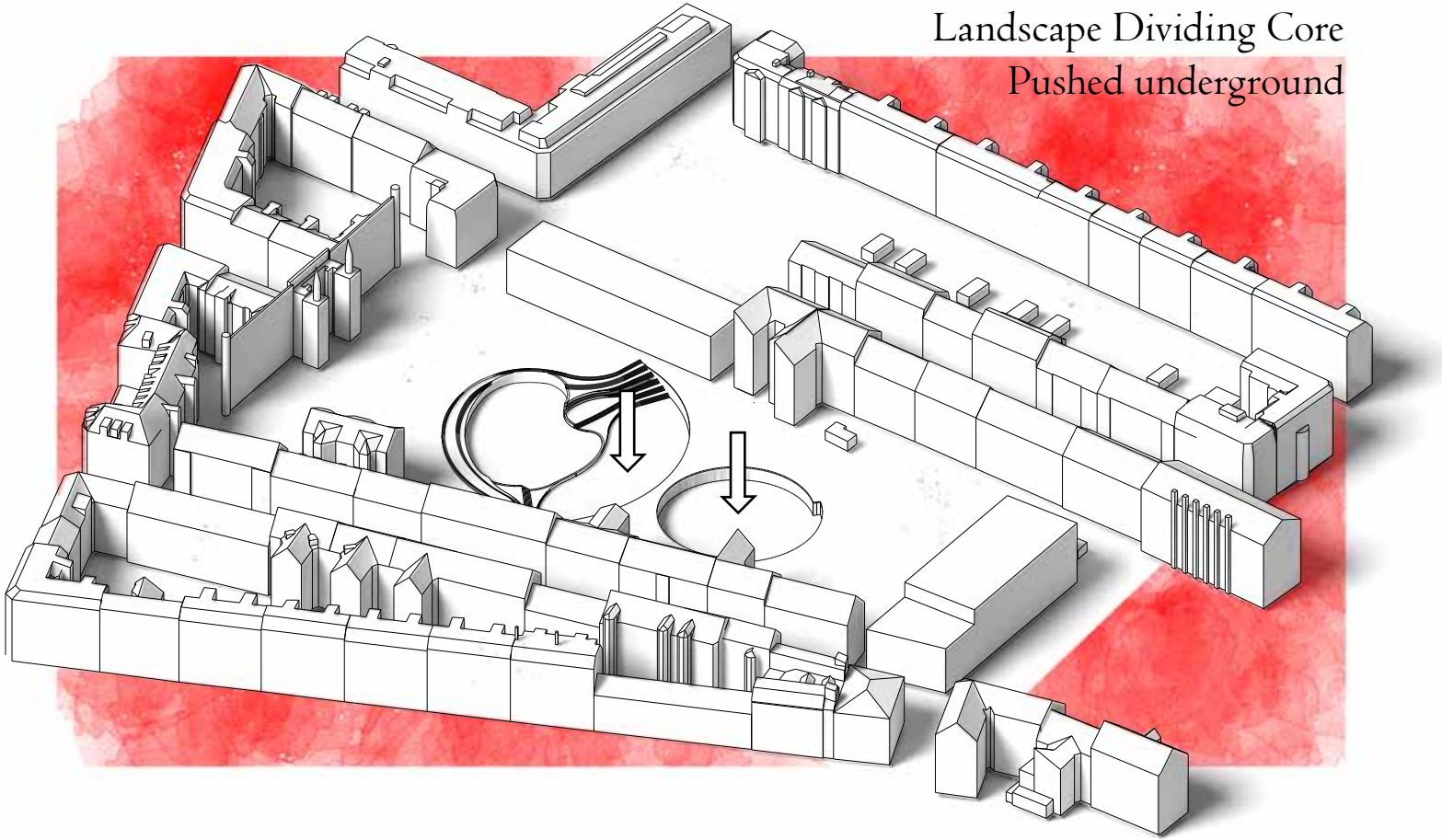

Removal of Blocking Buildings

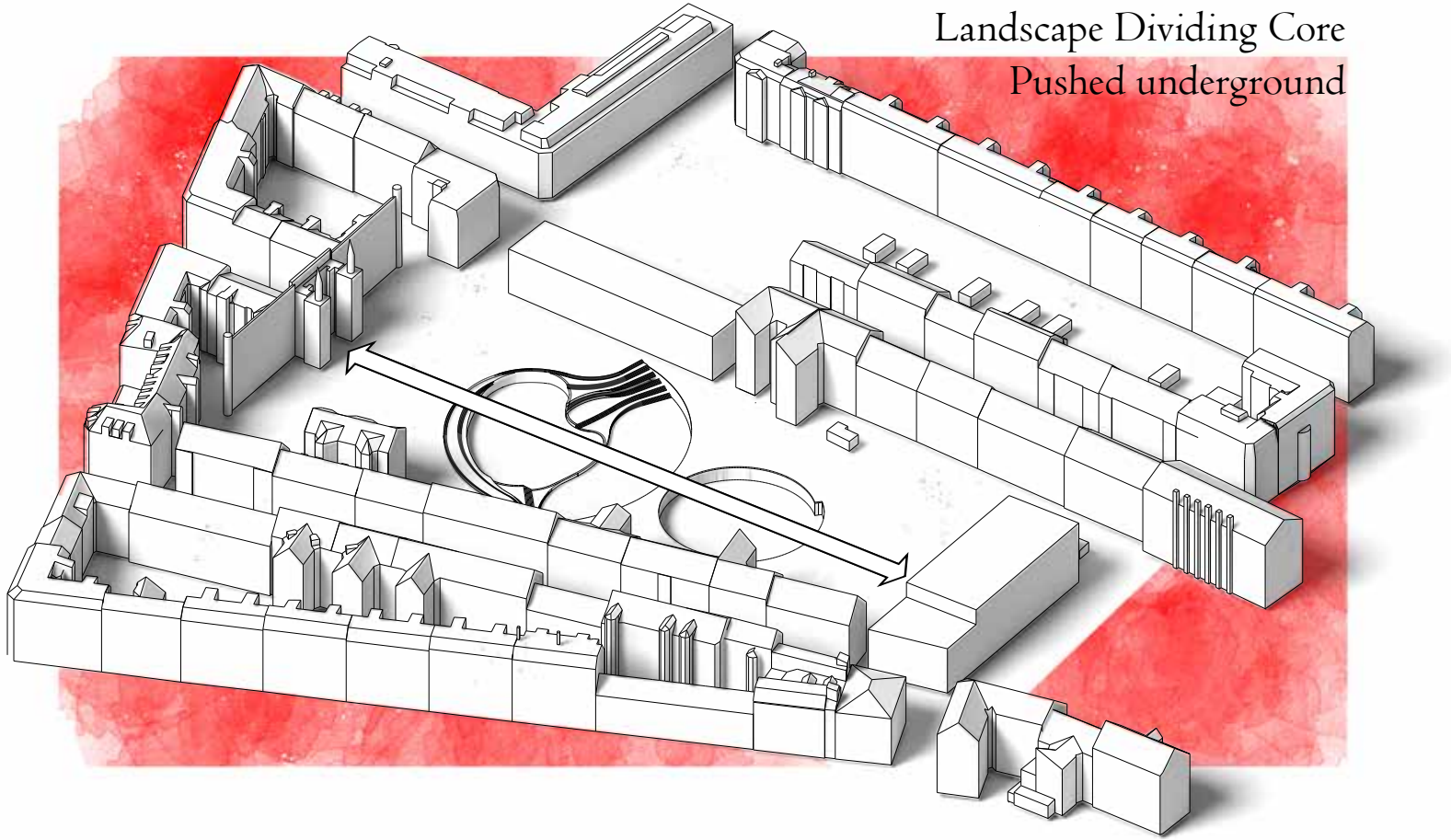
Framing Cores

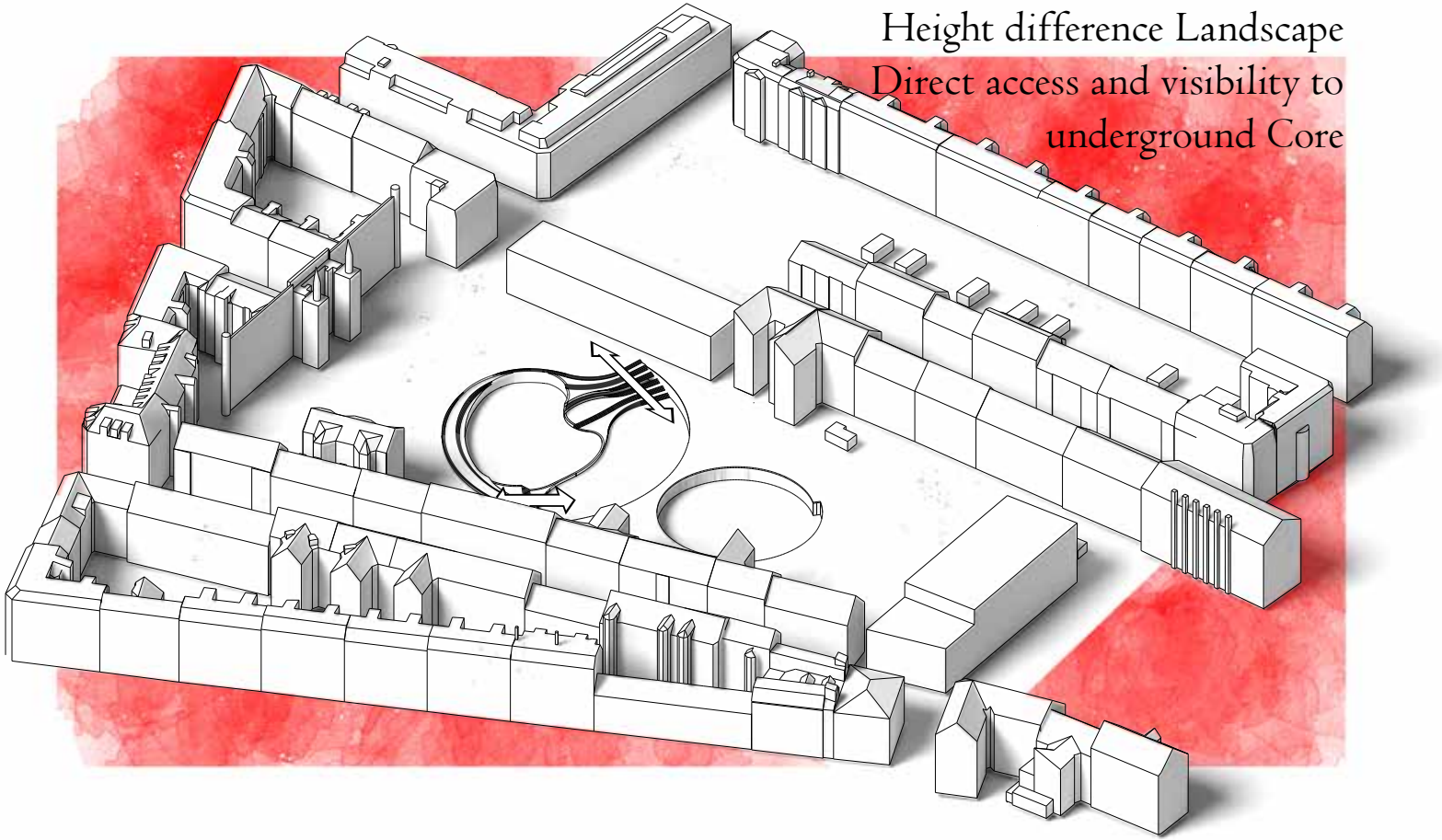


Landscape Dividing Core

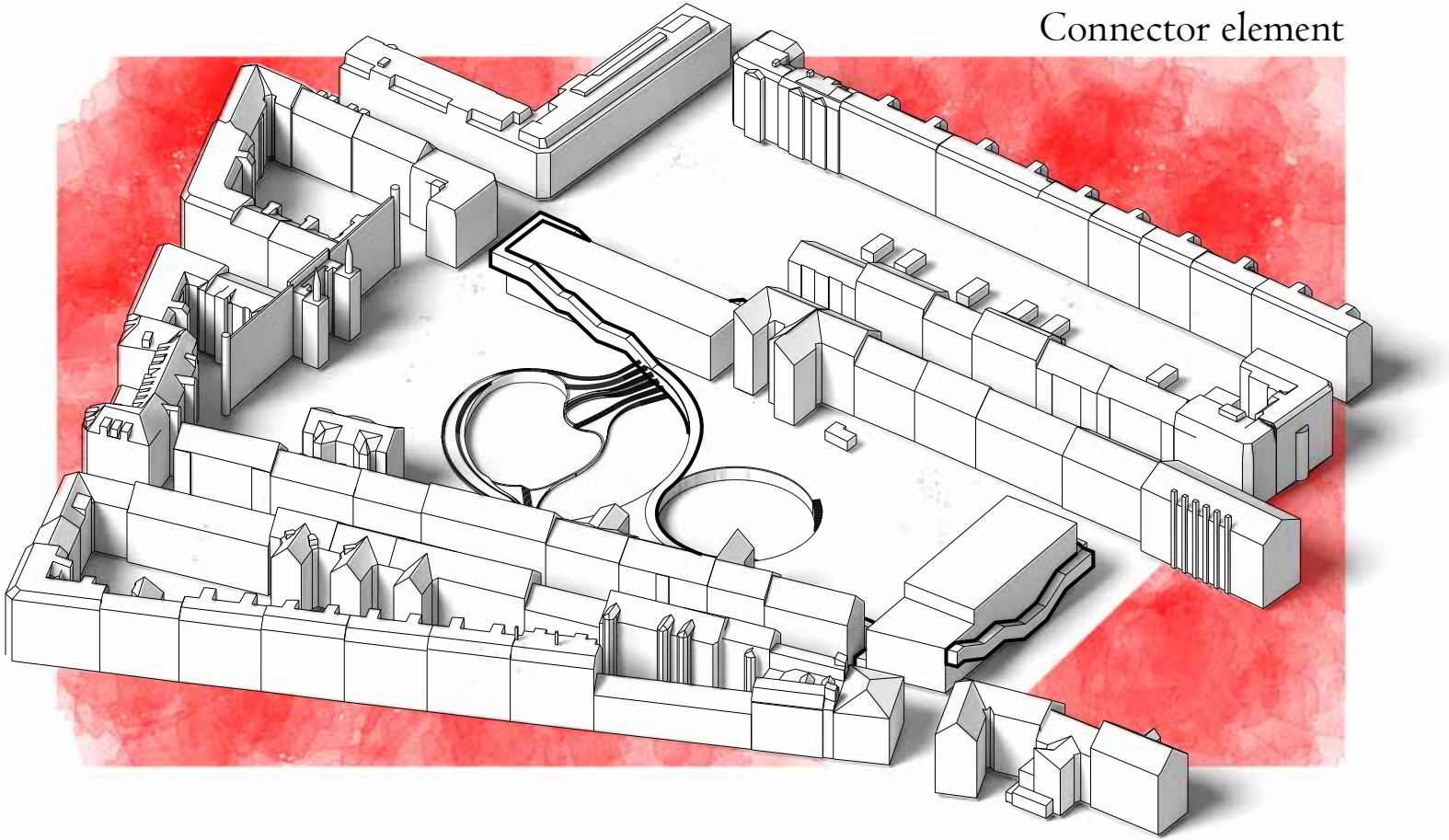



Landscape Dividing Core
Pushed underground

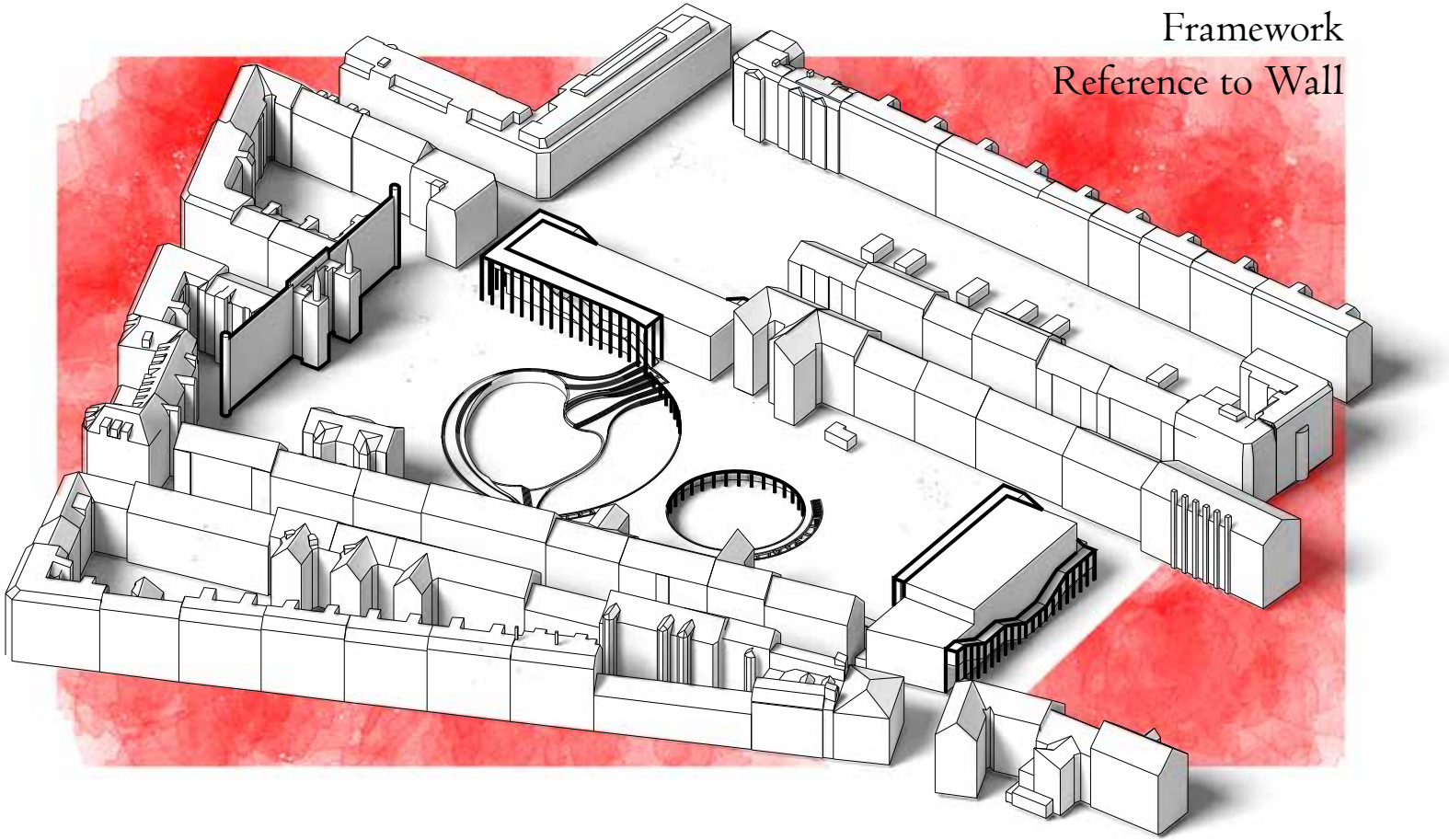

Landscape Dividing Core
Pushed underground

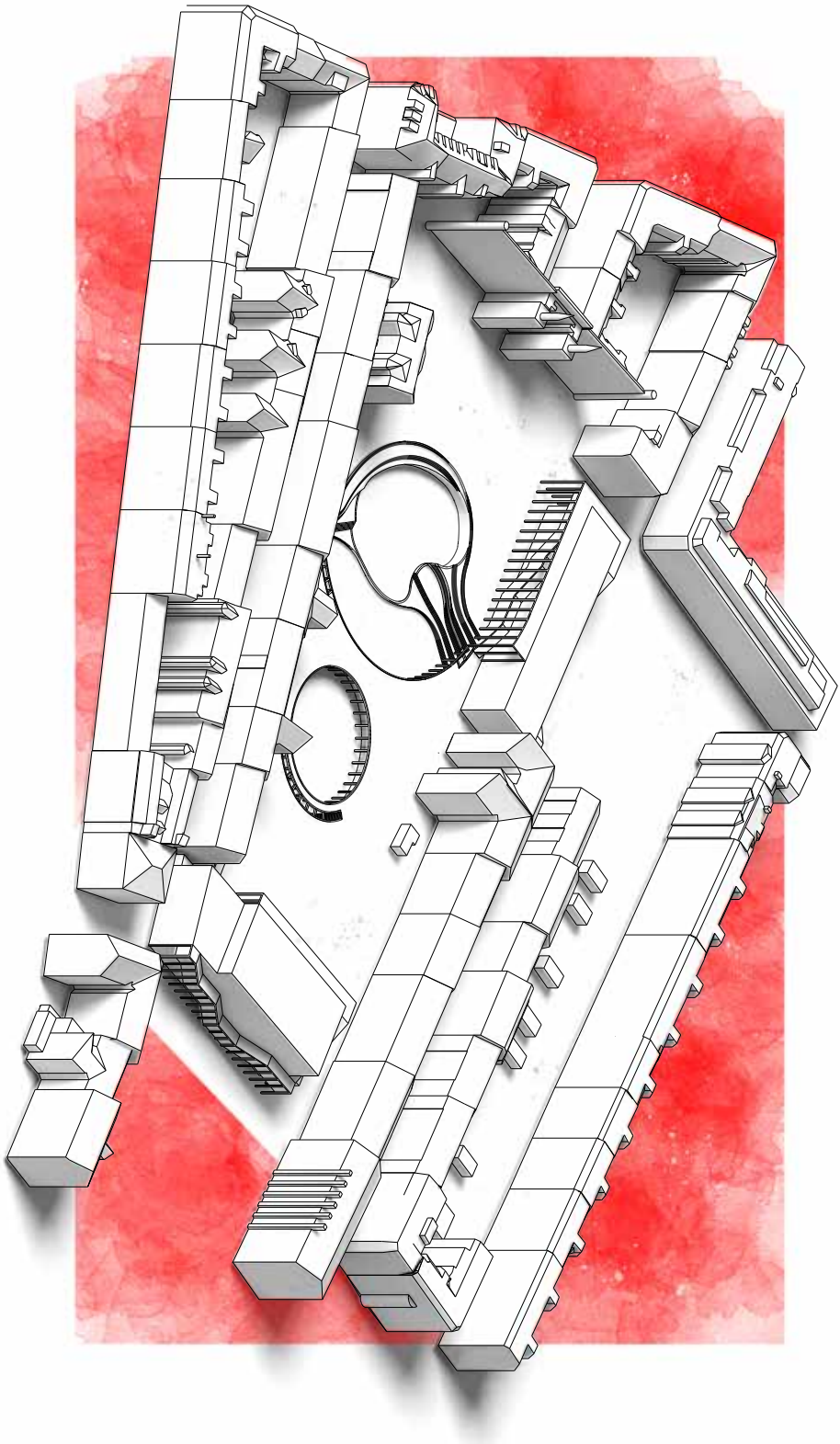

Height difference Landscape
Direct access and visibility to
underground Core

Connector element



Framework
Reference to Wall





Proposal

Three interwined elements

Three interwined elements

The Cores
The buildings which provide the indoor programme

Three interwined elements

The Cores
The buildings which provide the indoor programme

The Framework
The building elements used to frame the Skydebanehaven

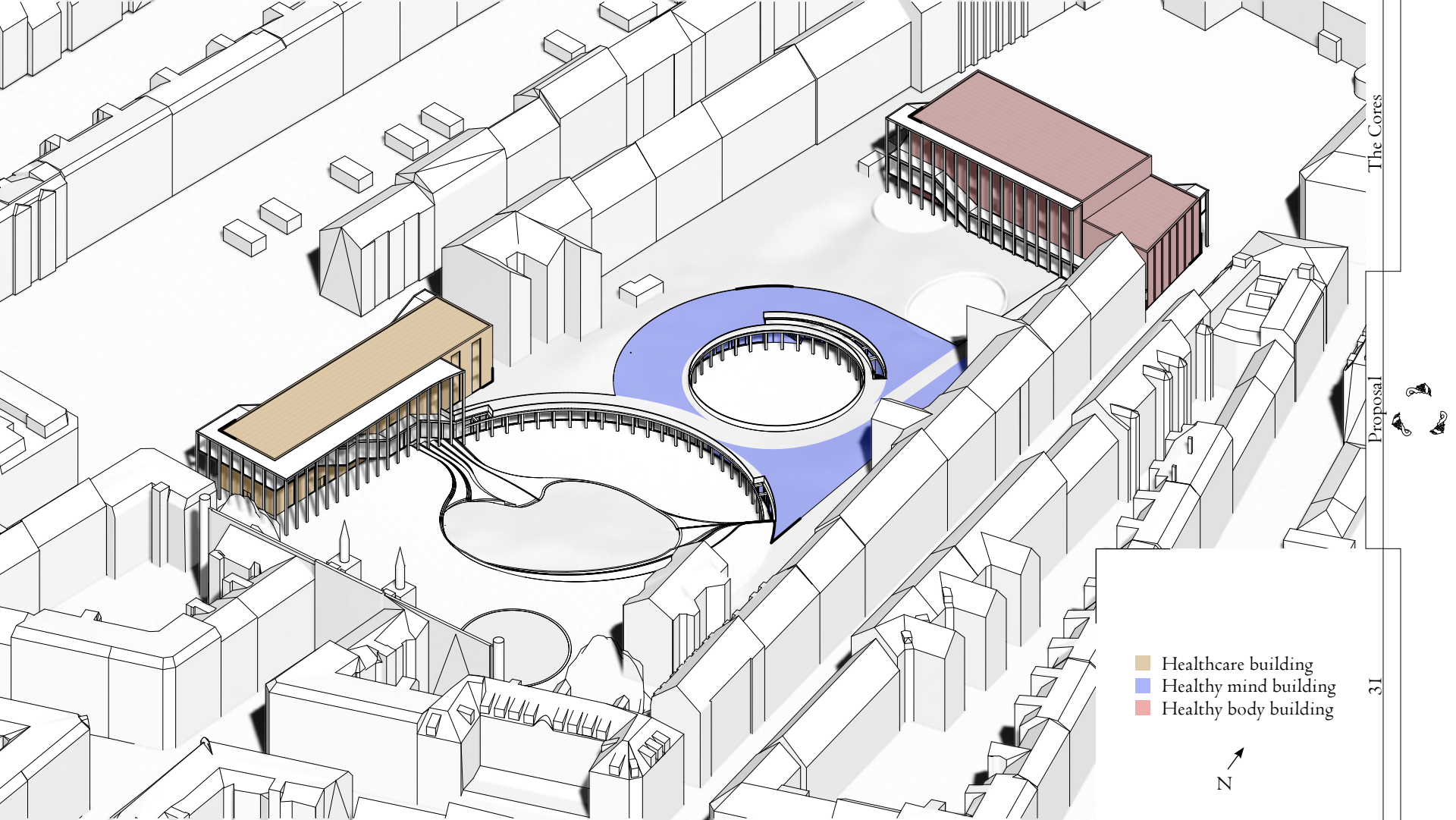
Three interwined elements

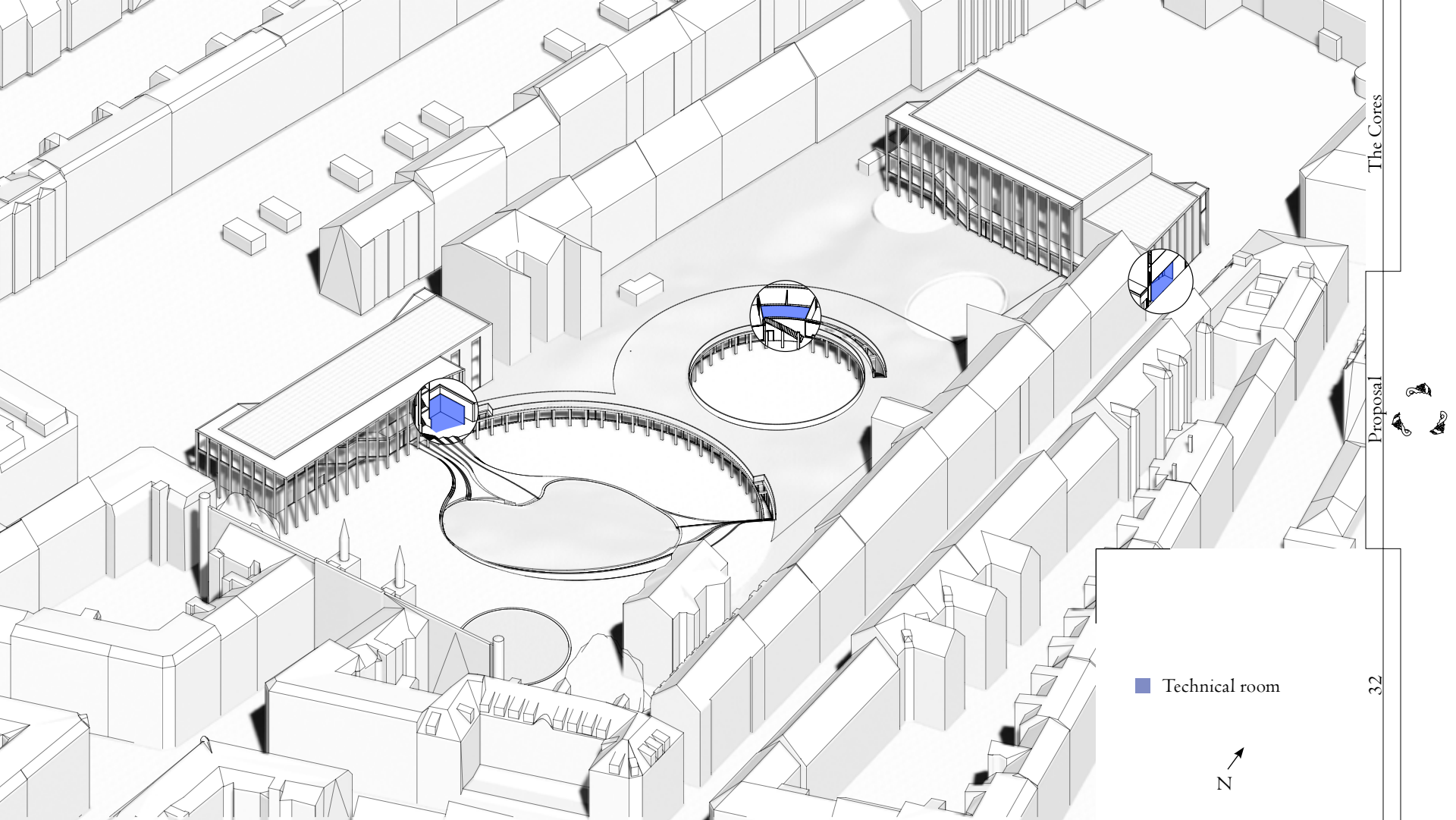
The Cores
The buildings which provide the indoor programme

The Framework
The building elements used to frame the Skydebanehaven

The Landscape
The framed element - the Skydebanehaven

The Cores


Healthcare building
Healthy mind building
Healthy body building
N


Technical room
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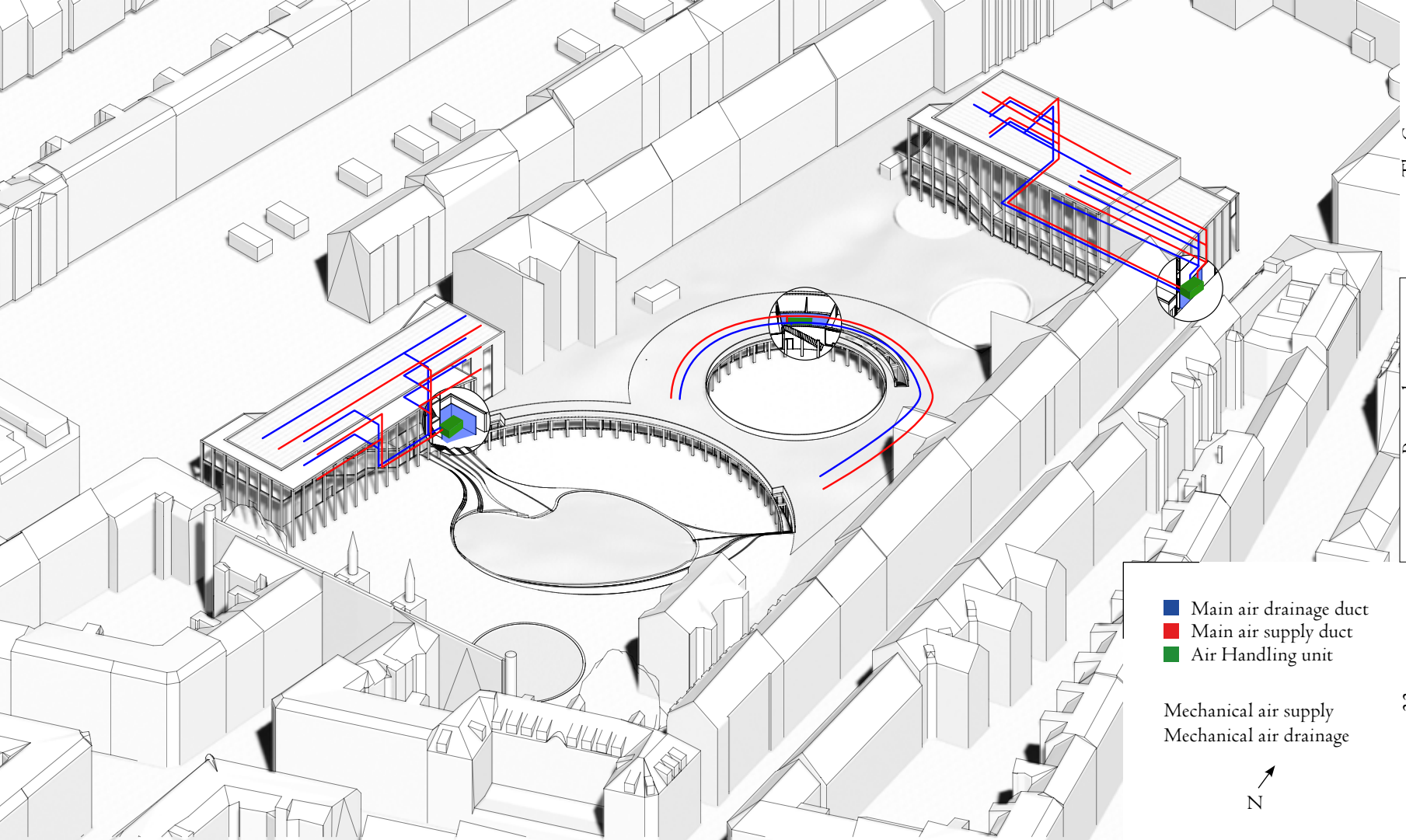
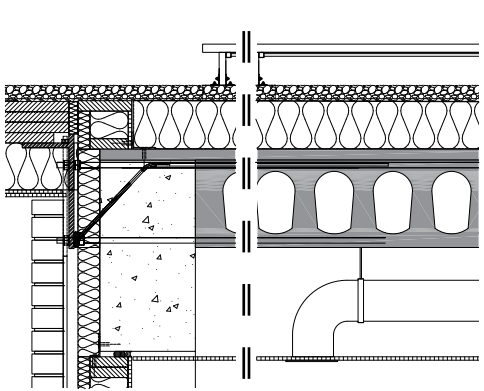
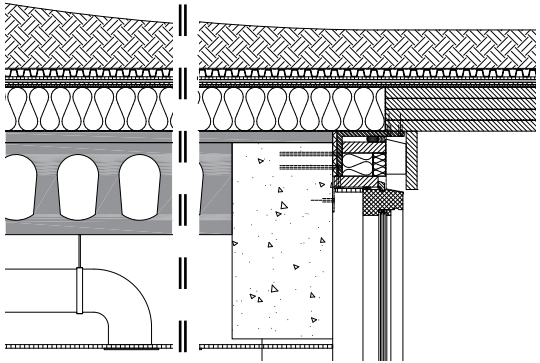
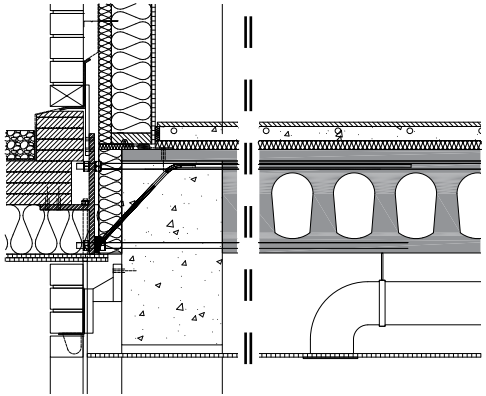
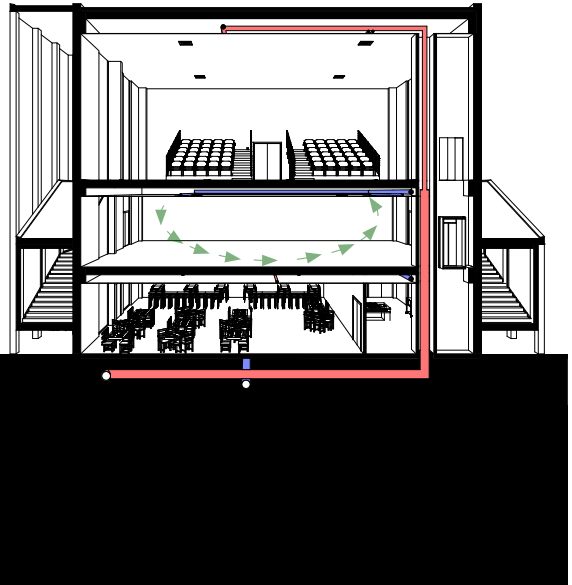
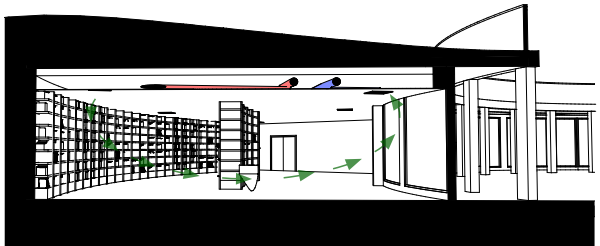

Main air drainage duct
Main air supply duct
Air Handling unit
Mechanical air supply
Mechanical air drainage
N

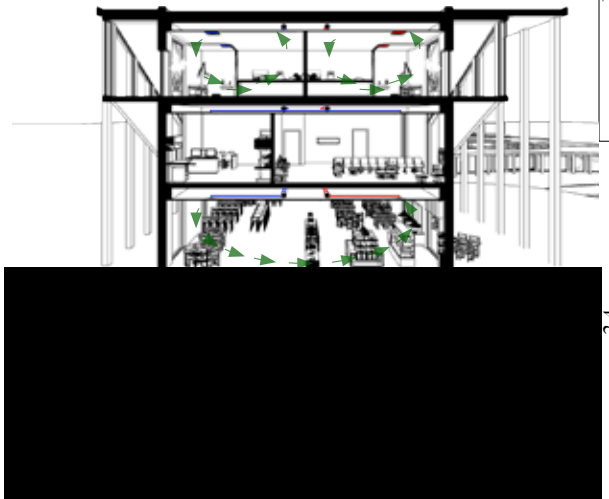


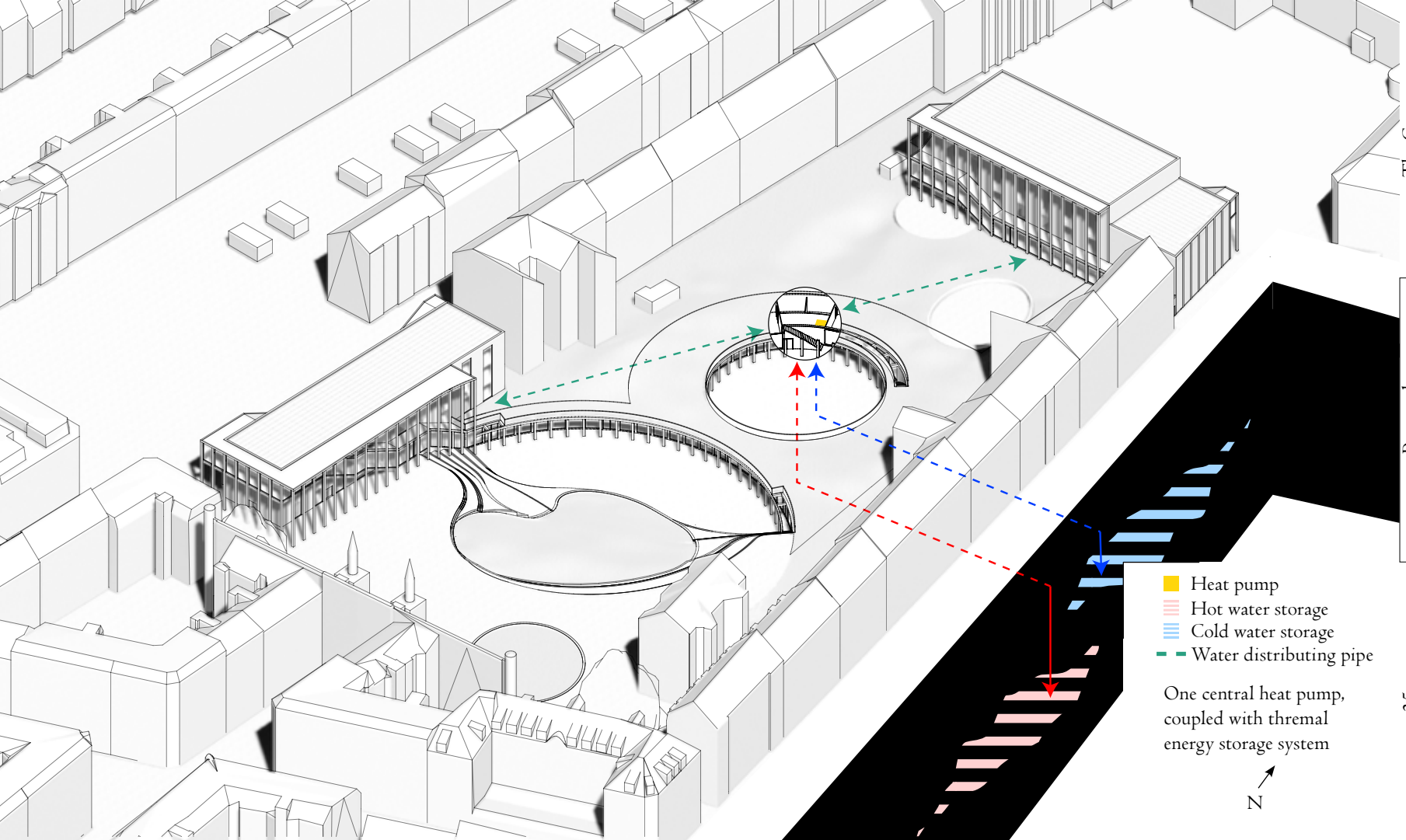


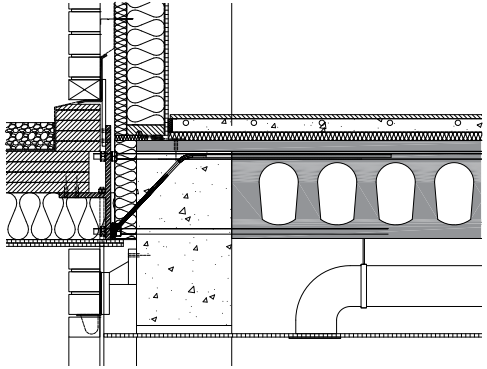


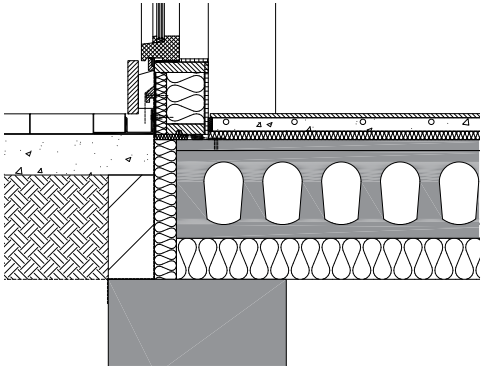


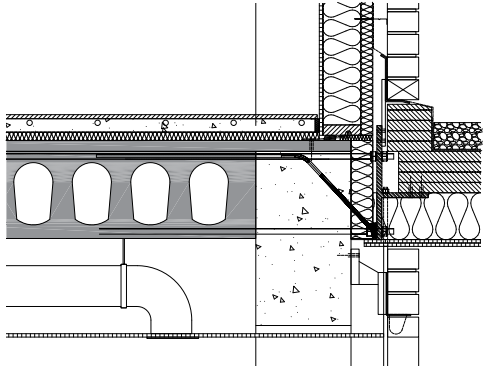


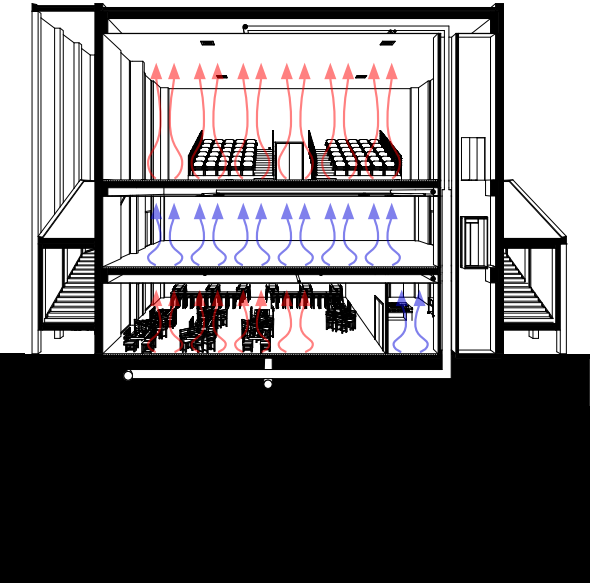


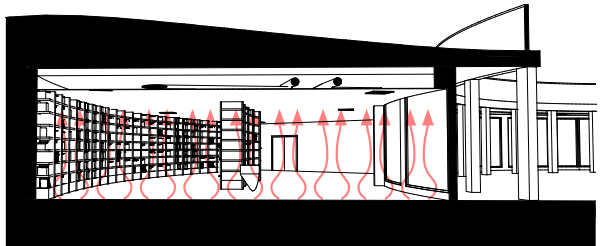

Heat pump
Hot water storage
Cold water storage
Water distributing pipe
One central heat pump, coupled with thremal energy storage system
N

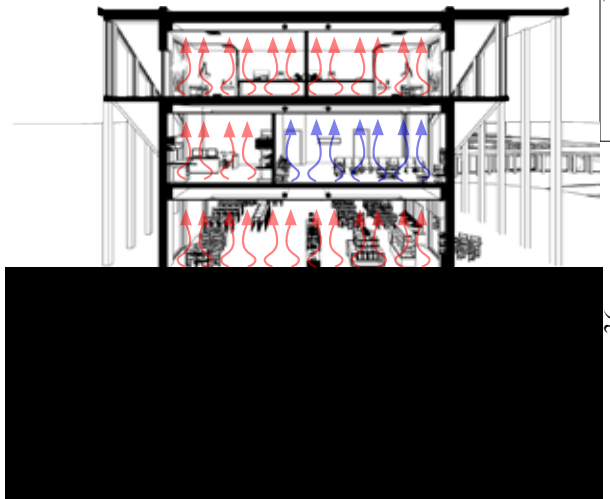


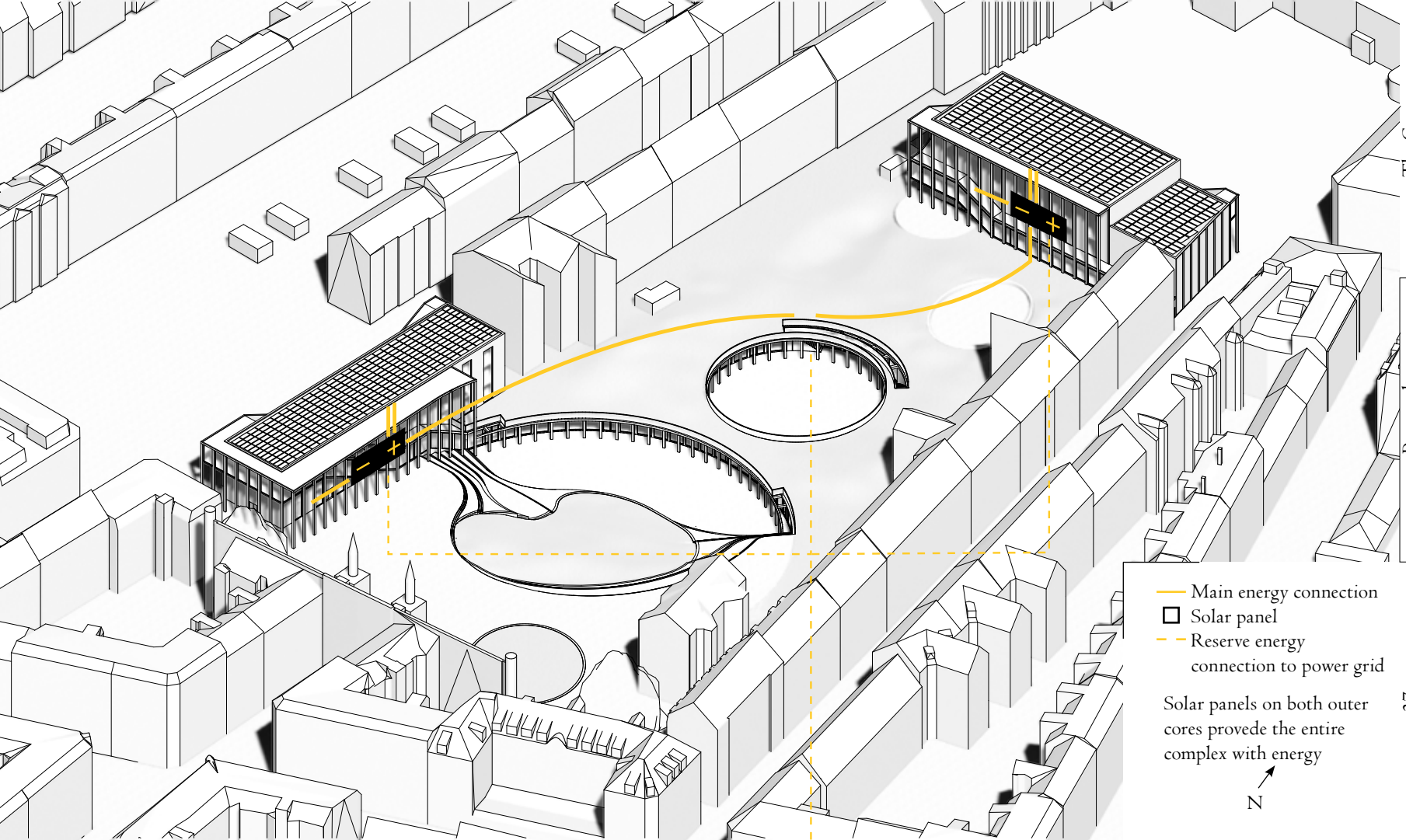


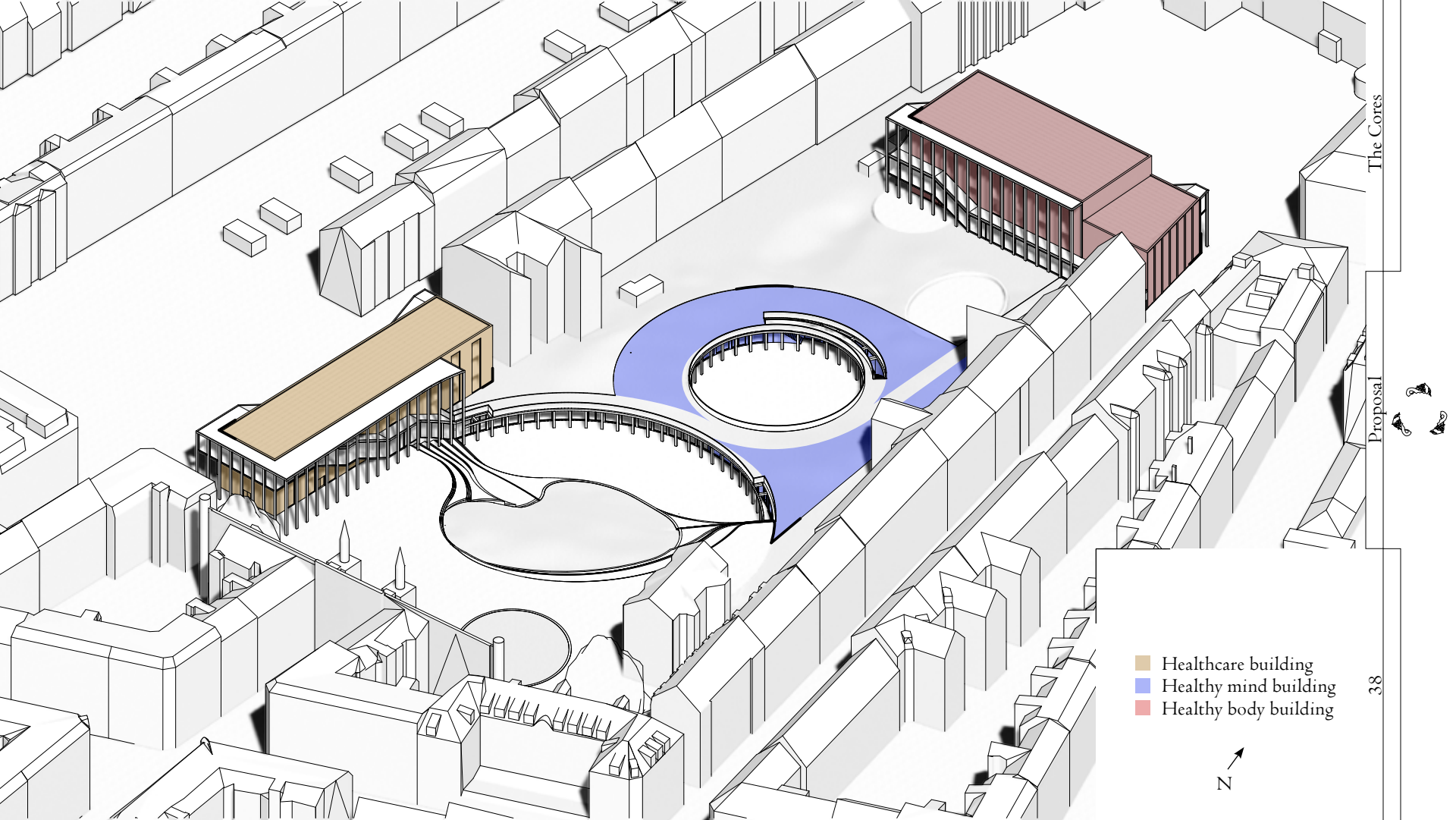


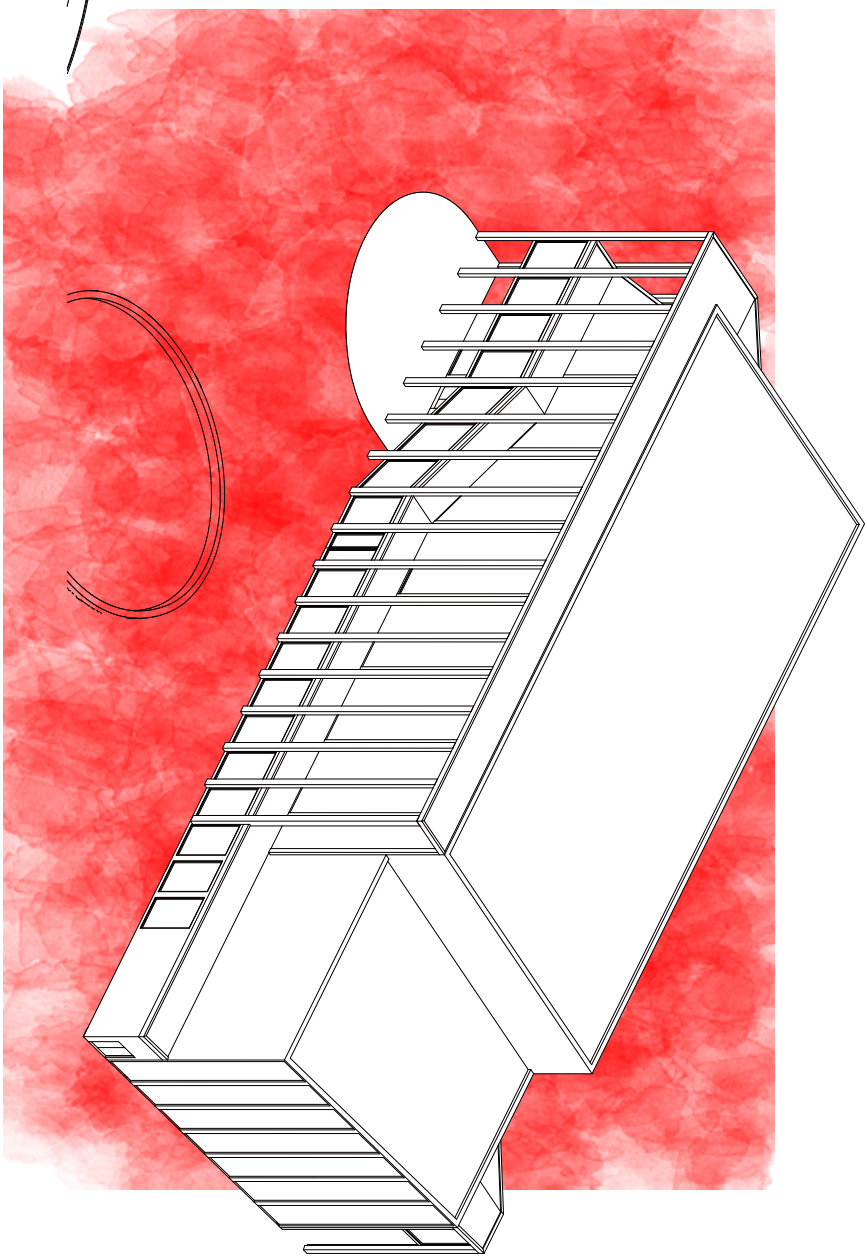







Main energy connection
Solar panel
Reserve energy
connection to power grid
Solar panels on both outer
cores provede the entire
complex with energy
N


Healthcare building
Healthy mind building
Healthy body building
N



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Fixed-moment connections

Mechanical ventilation In and out

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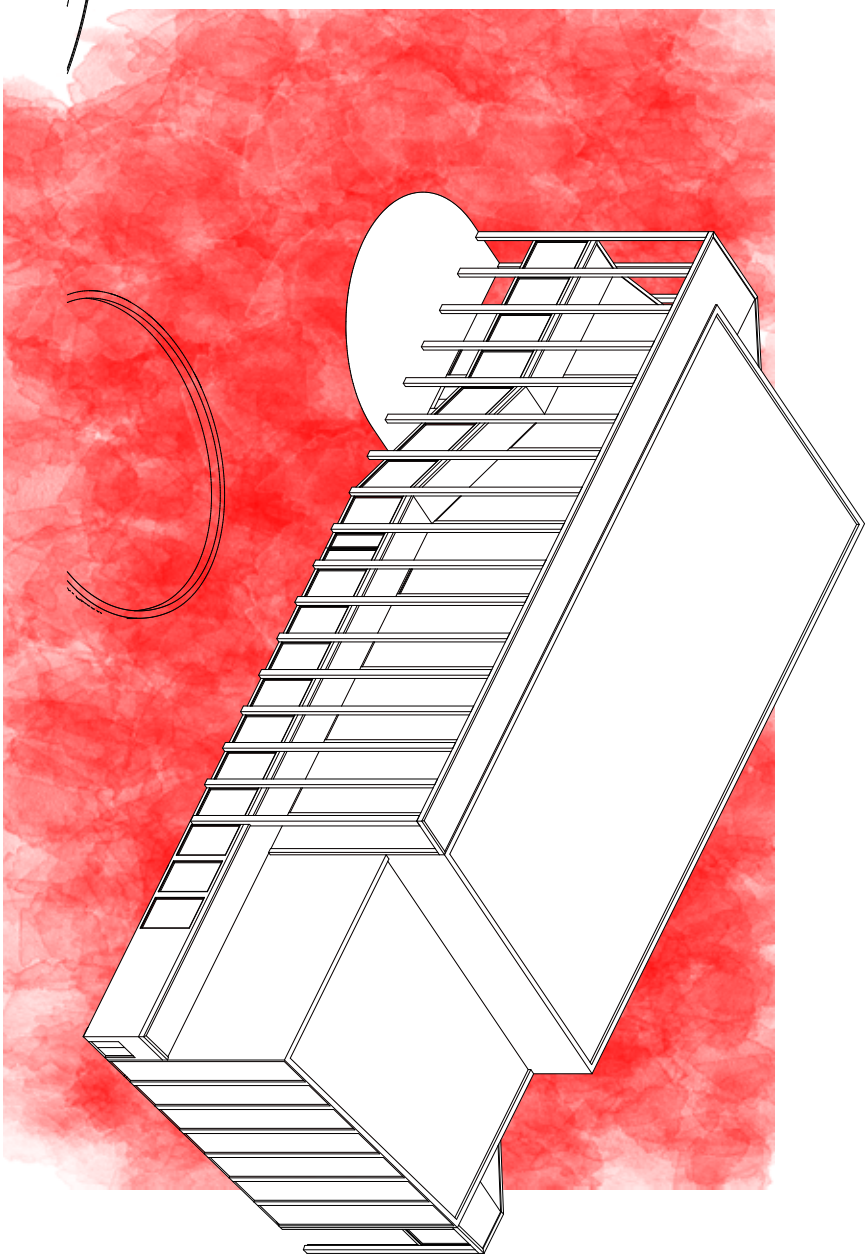

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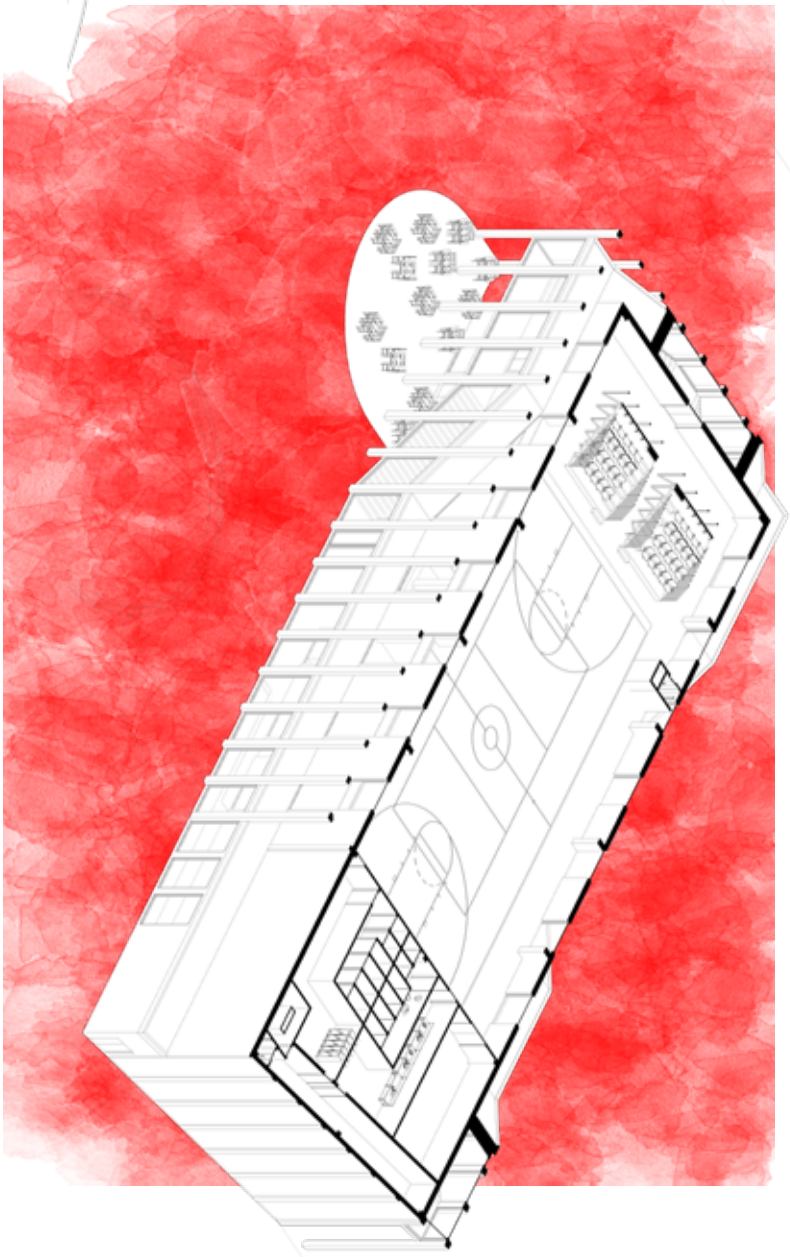

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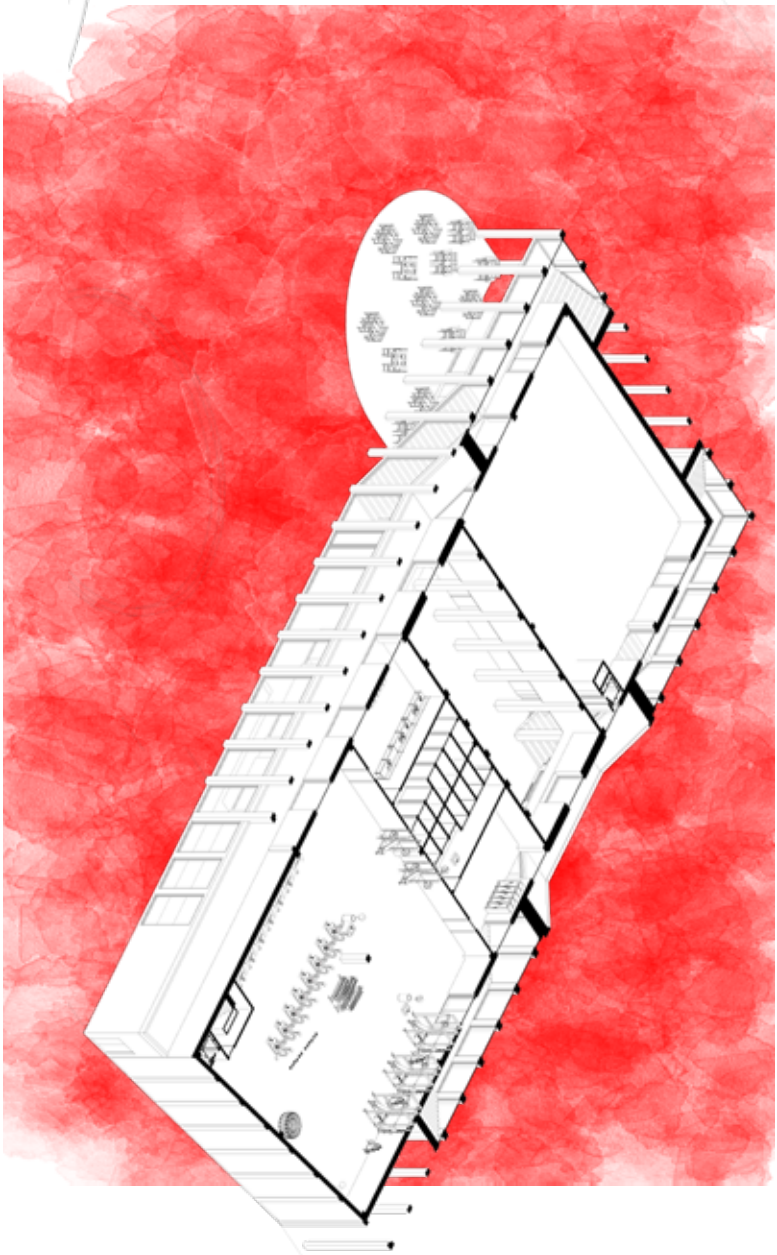

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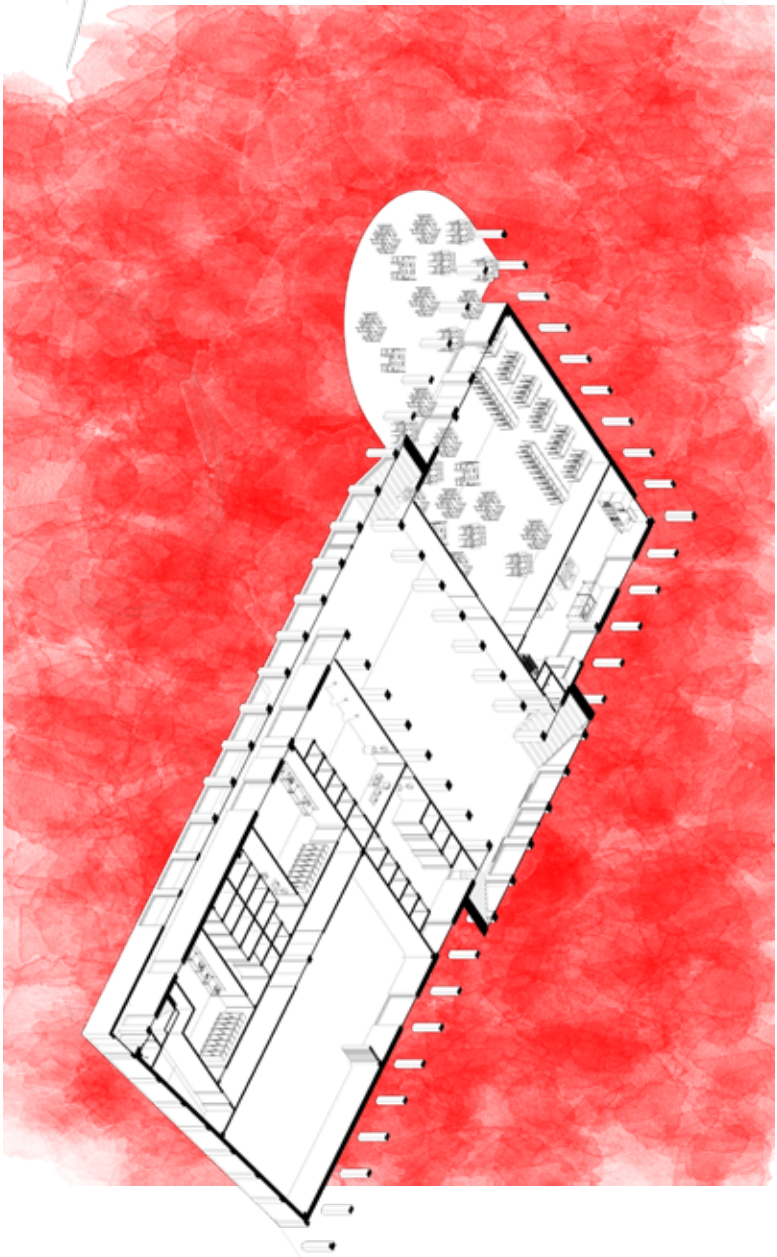

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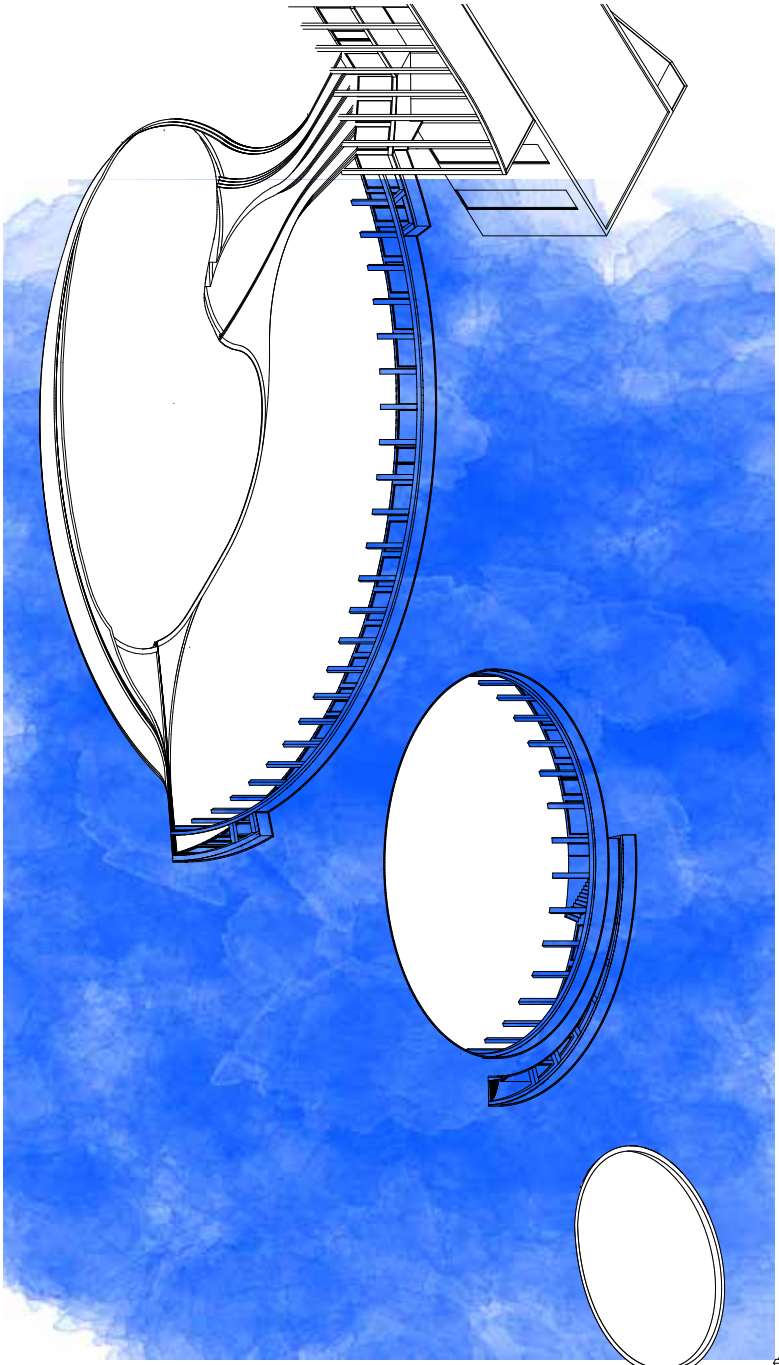

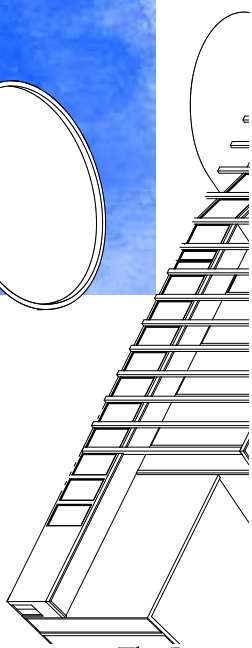

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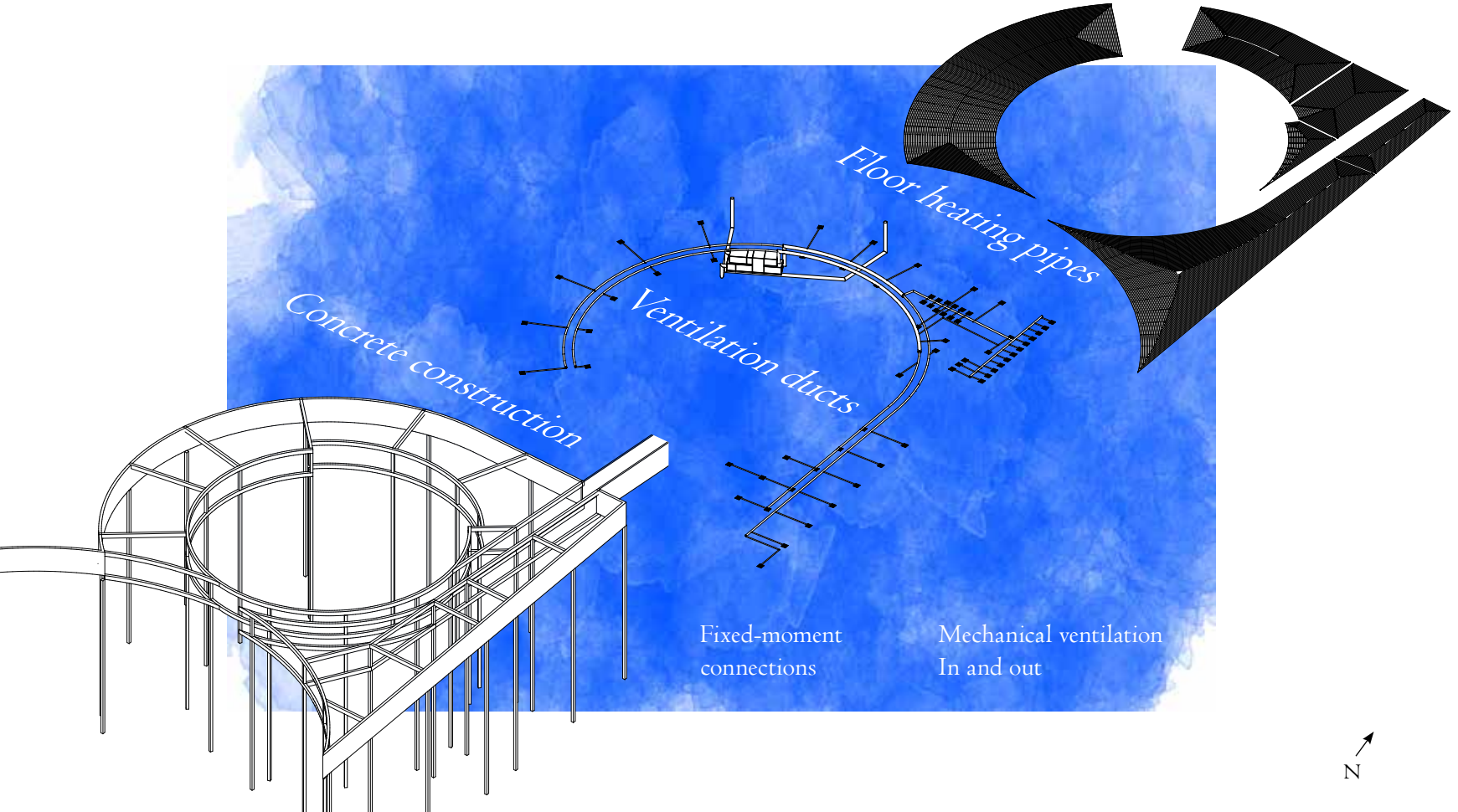
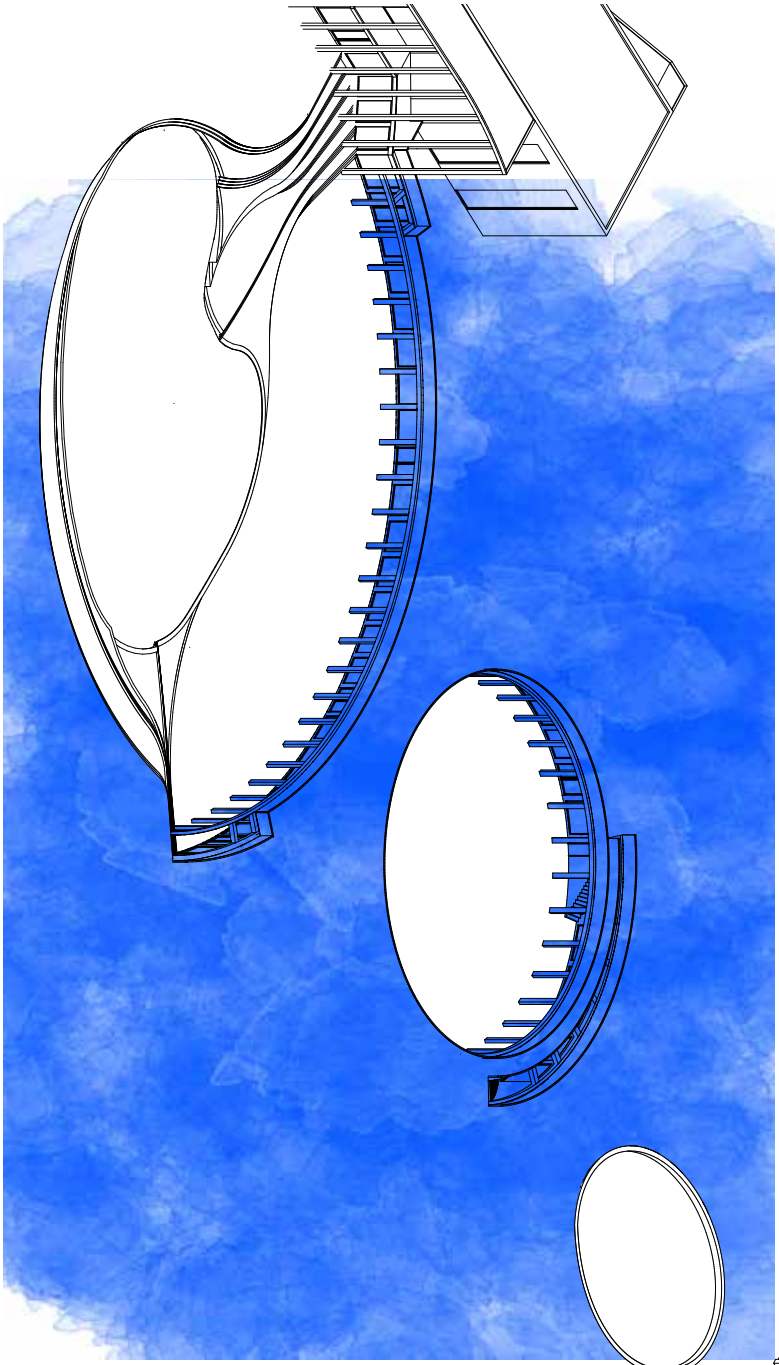
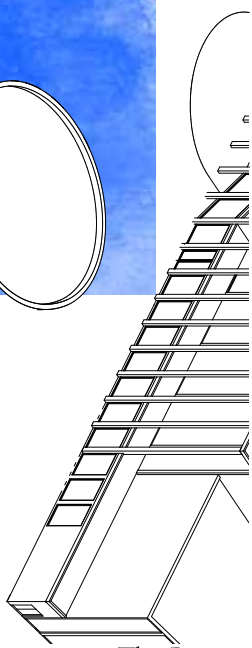

Floor heating pipes
Ventilation ducts
Concrete construction
Fixed-moment connections
Mechanical ventilation In and out
N





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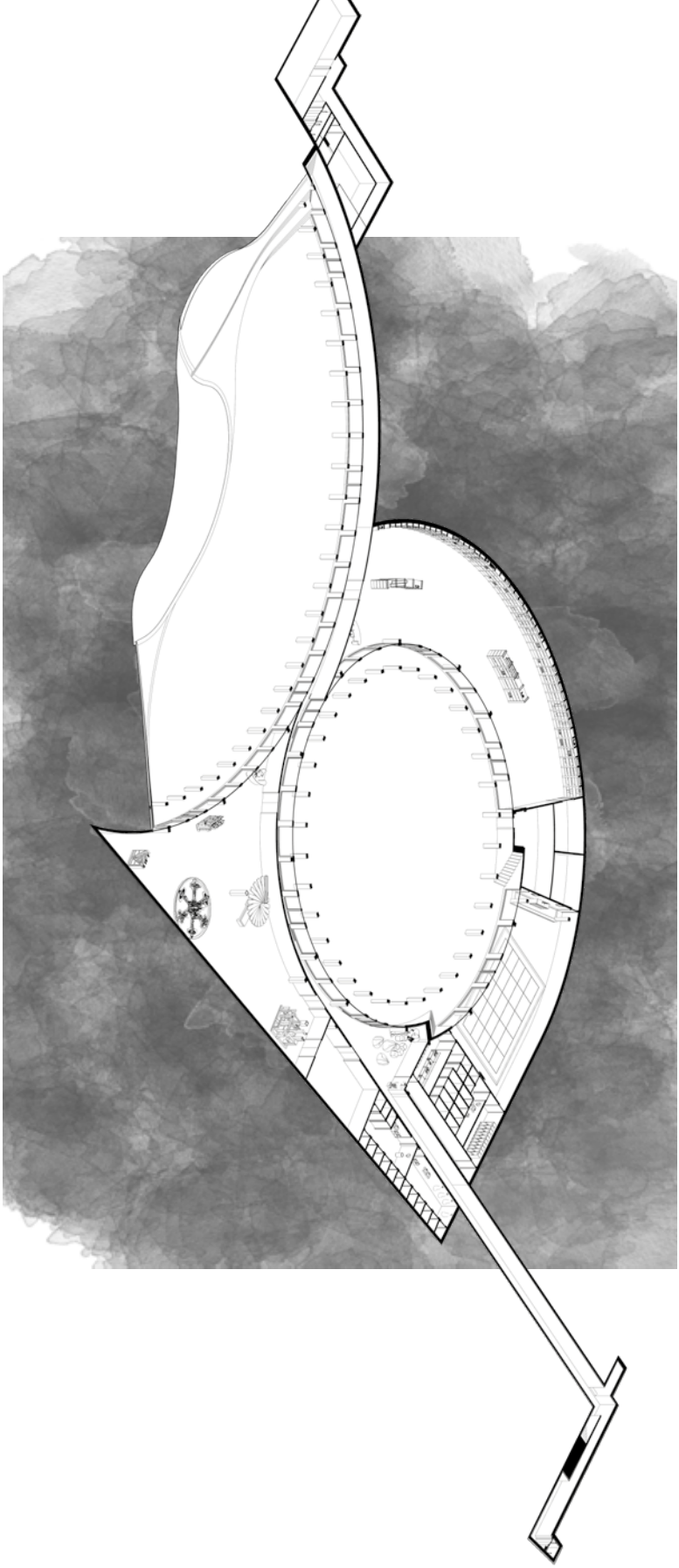

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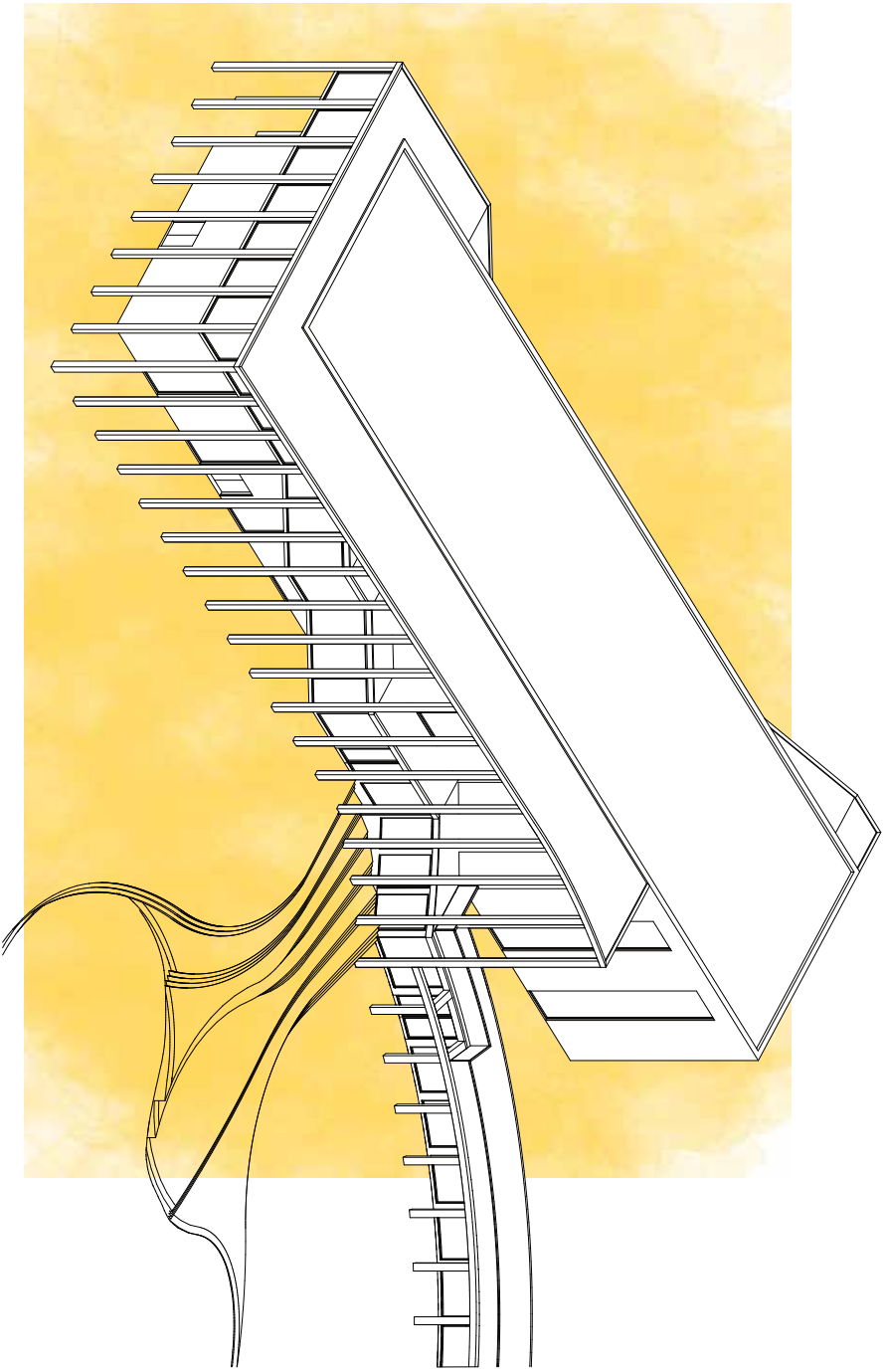

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Floor heating pipes

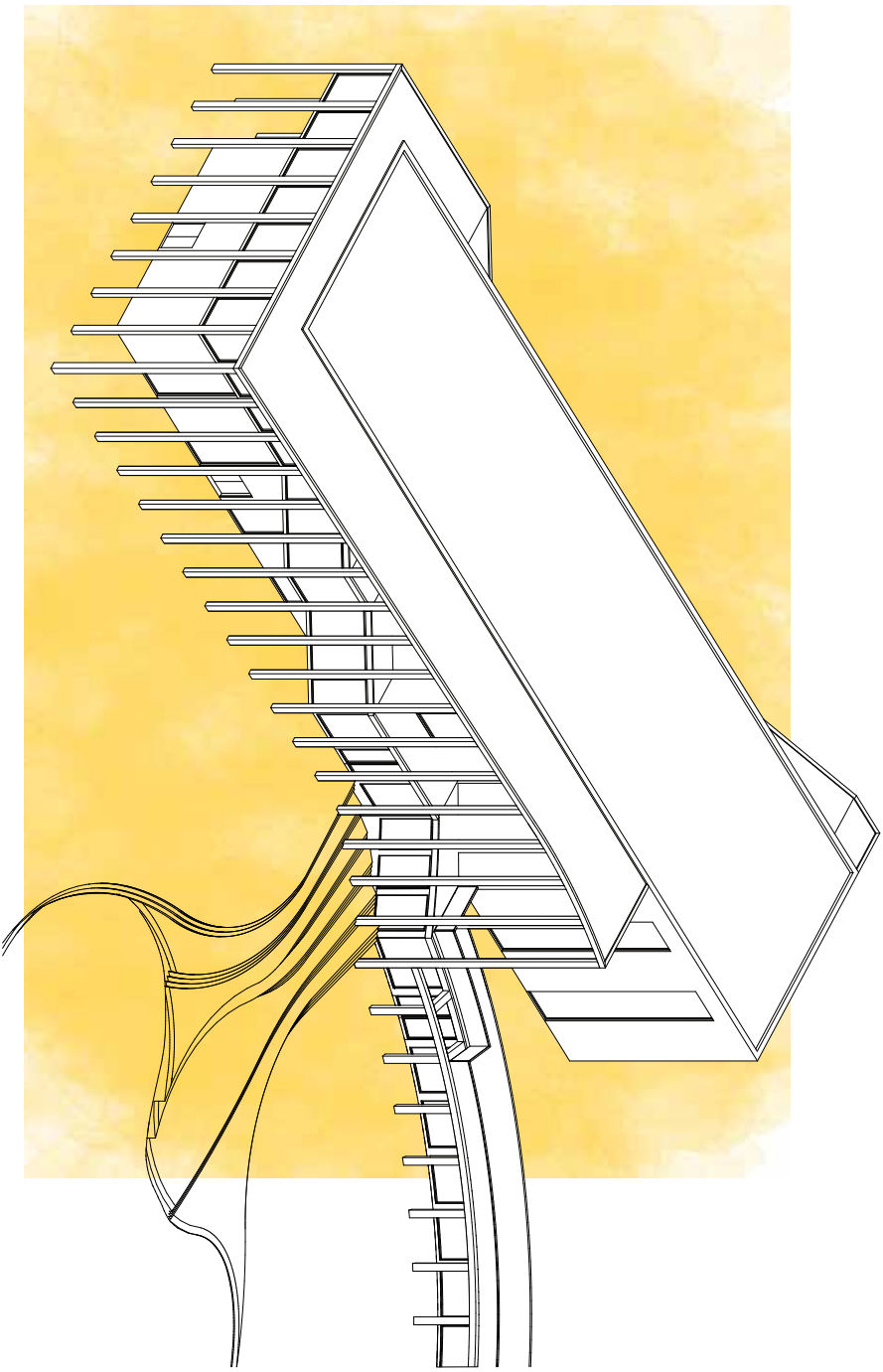
Ventilation ducts

Concrete construction

Mechanical ventilation
In and out

Fixed-moment
connections

N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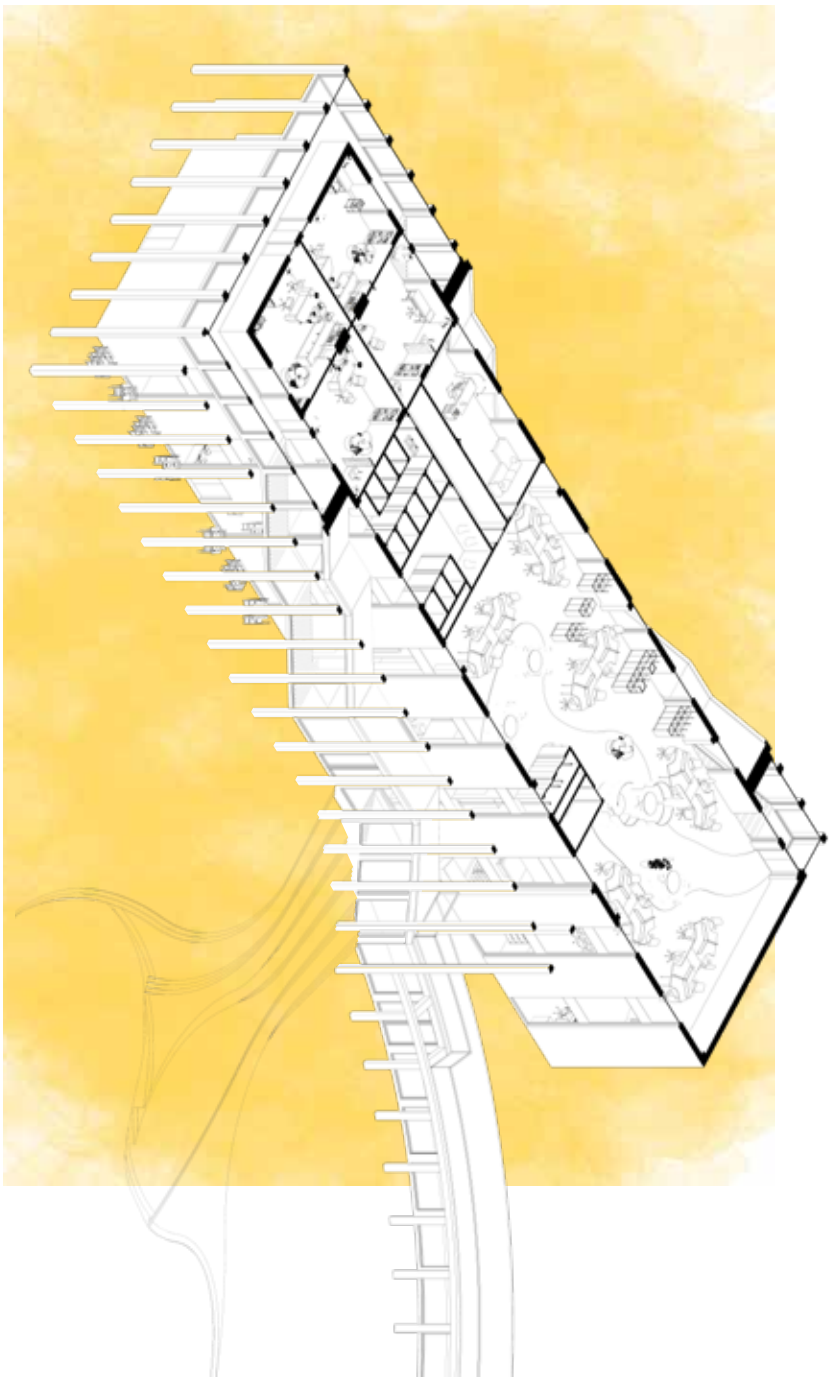

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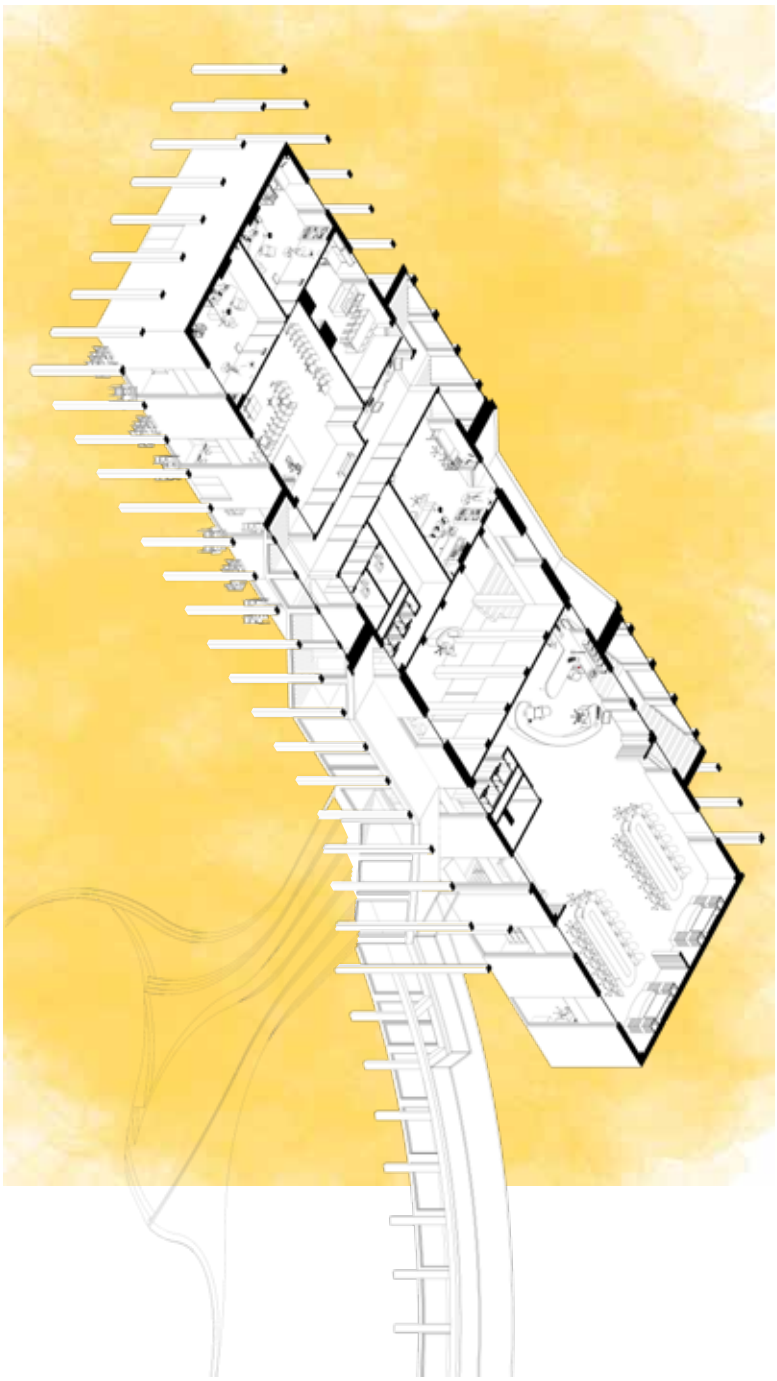

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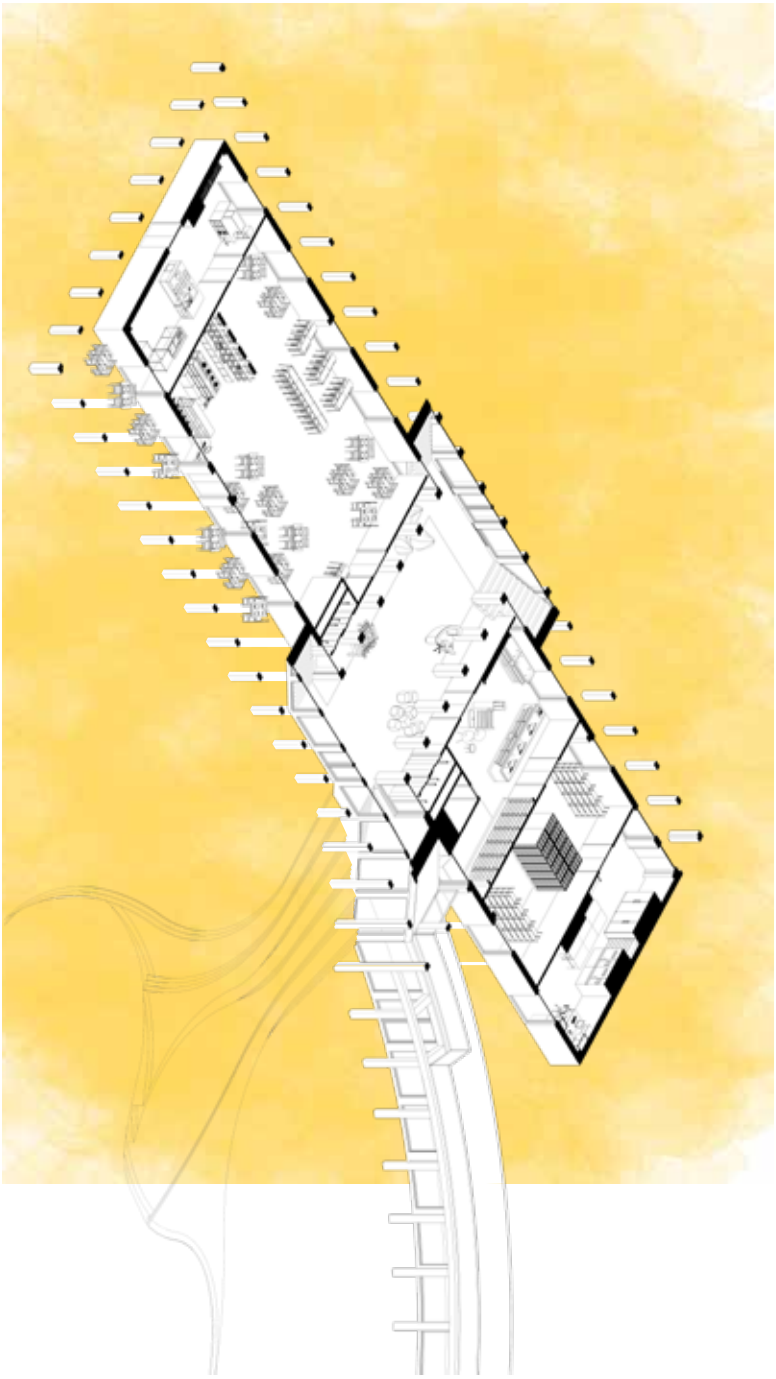

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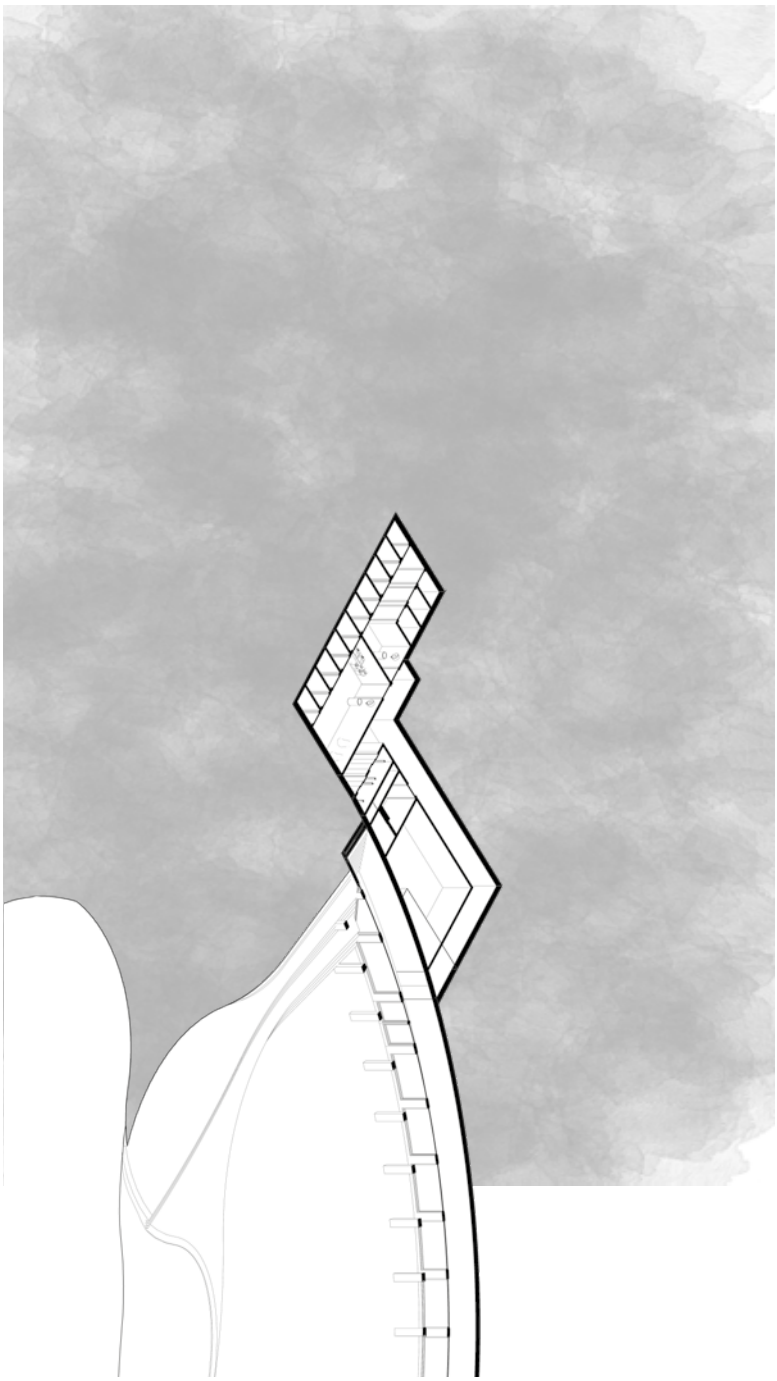
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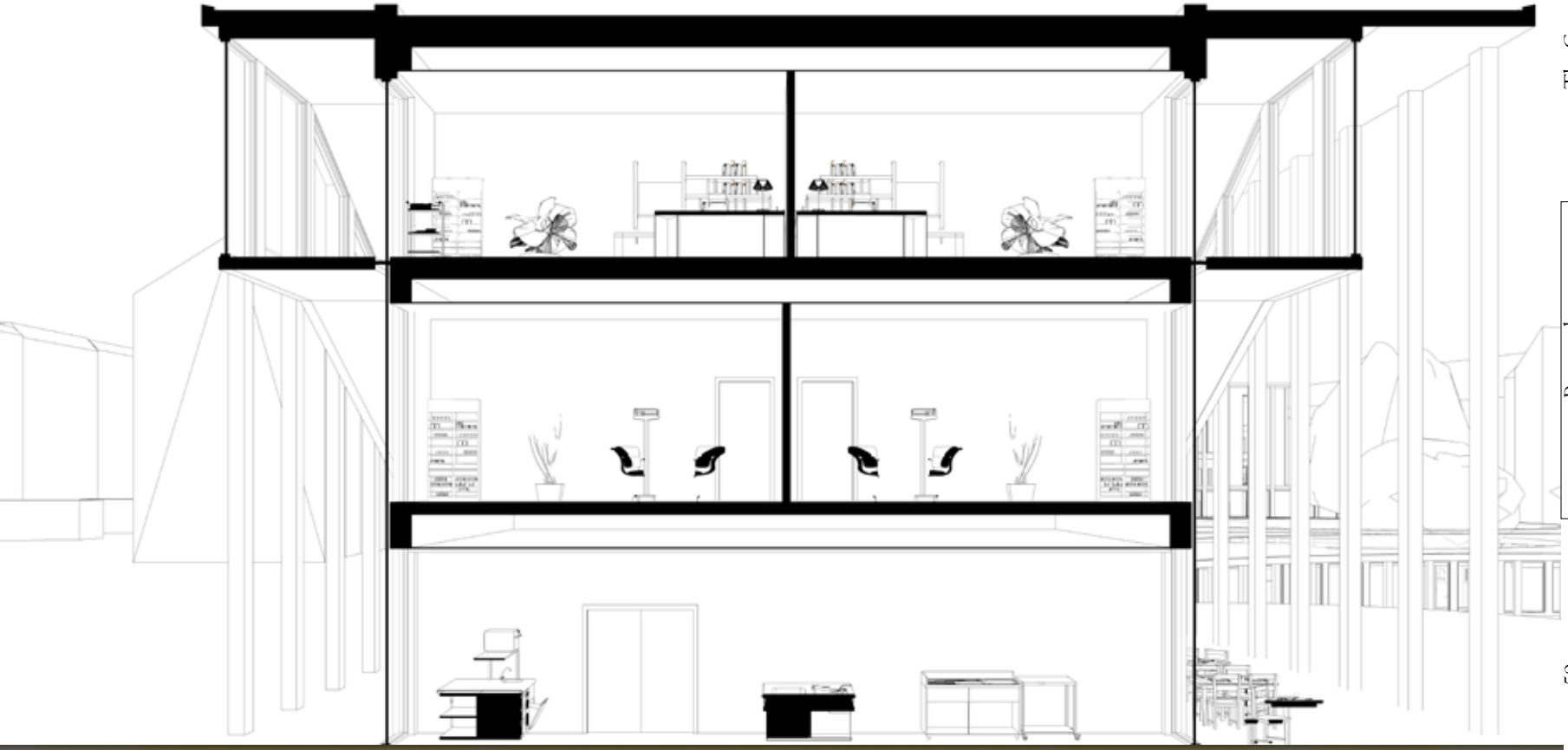
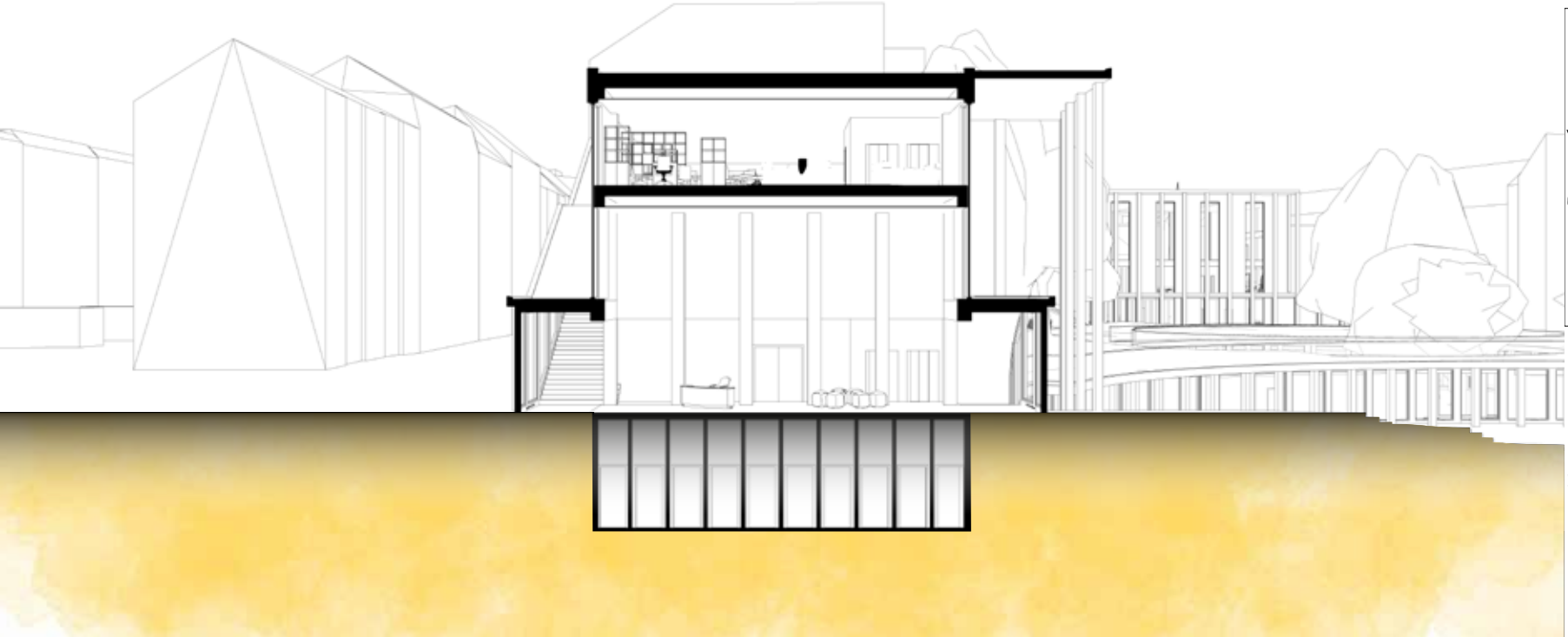
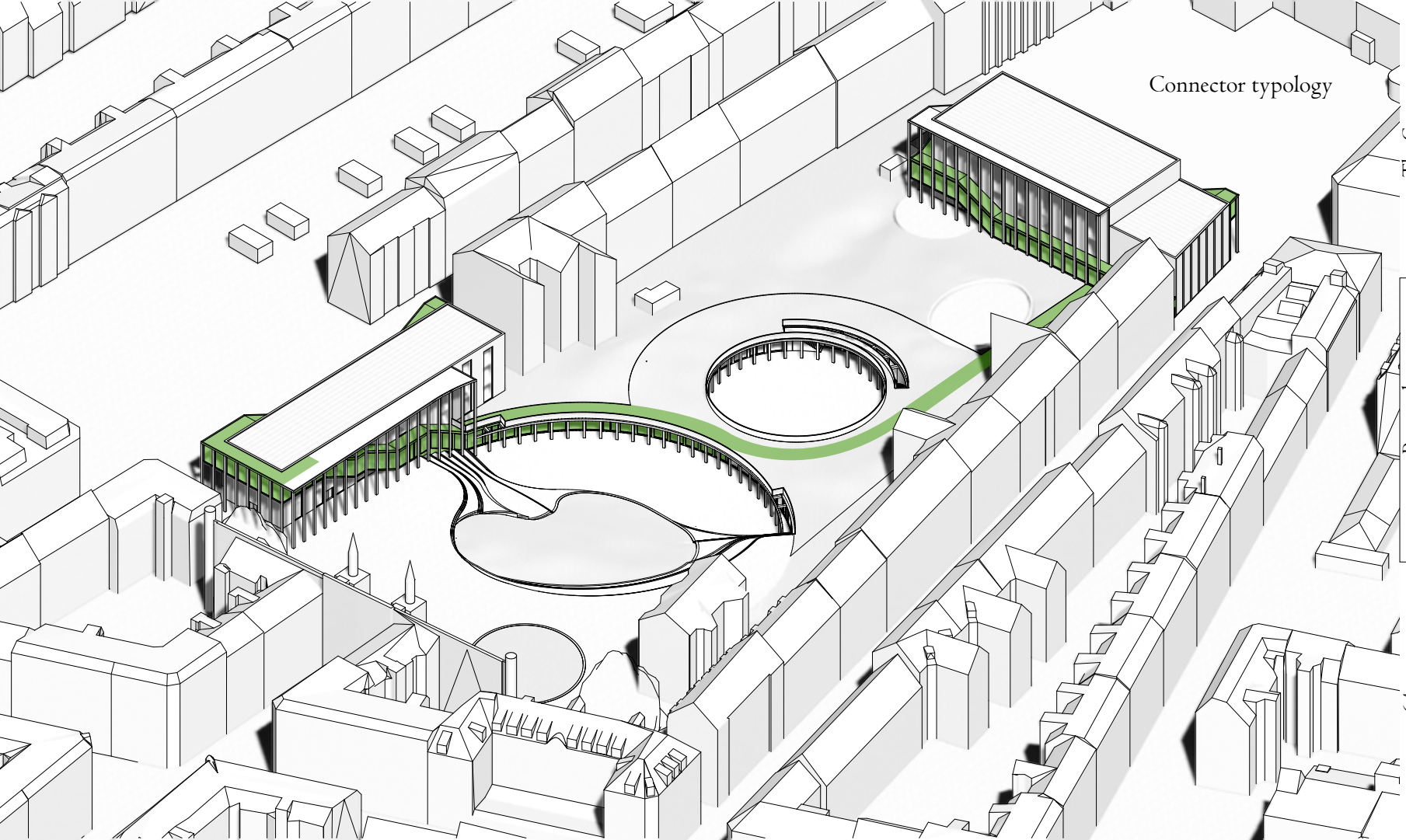
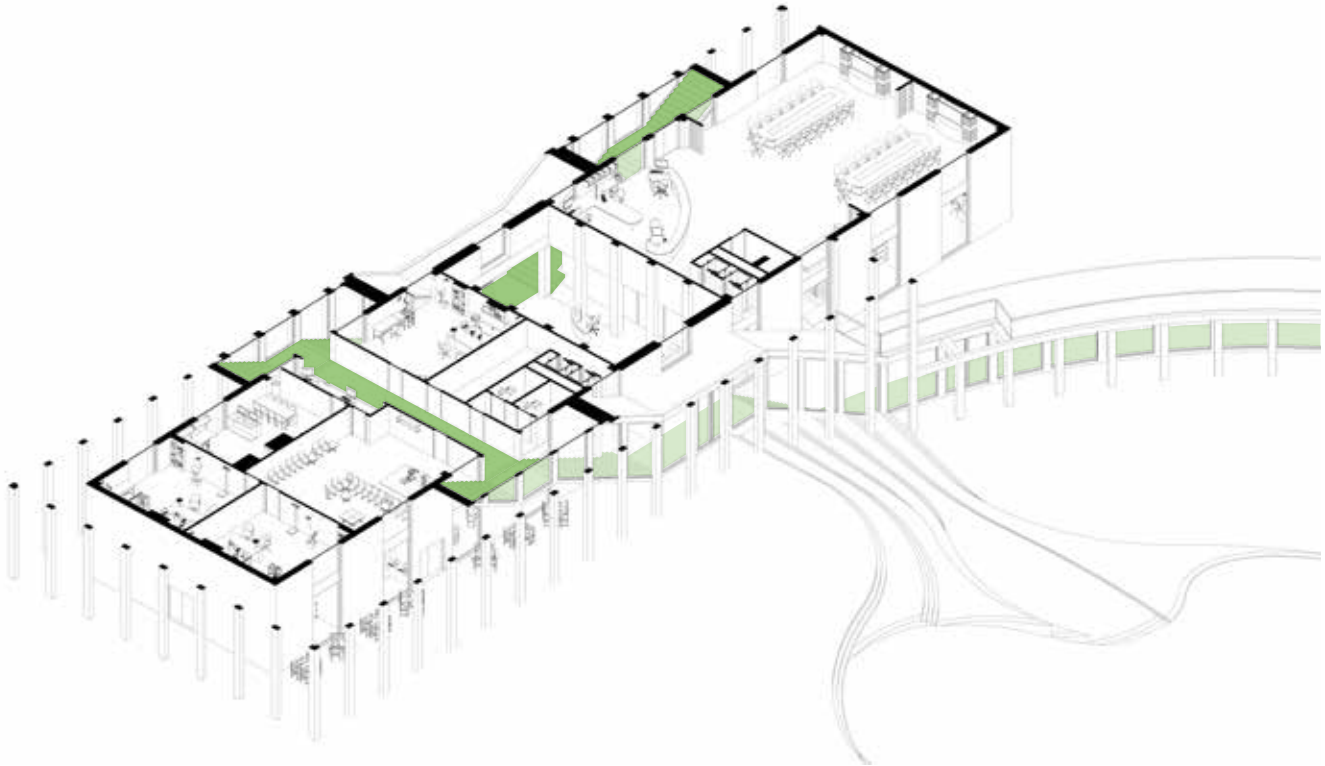





Connector typology

Connector typology



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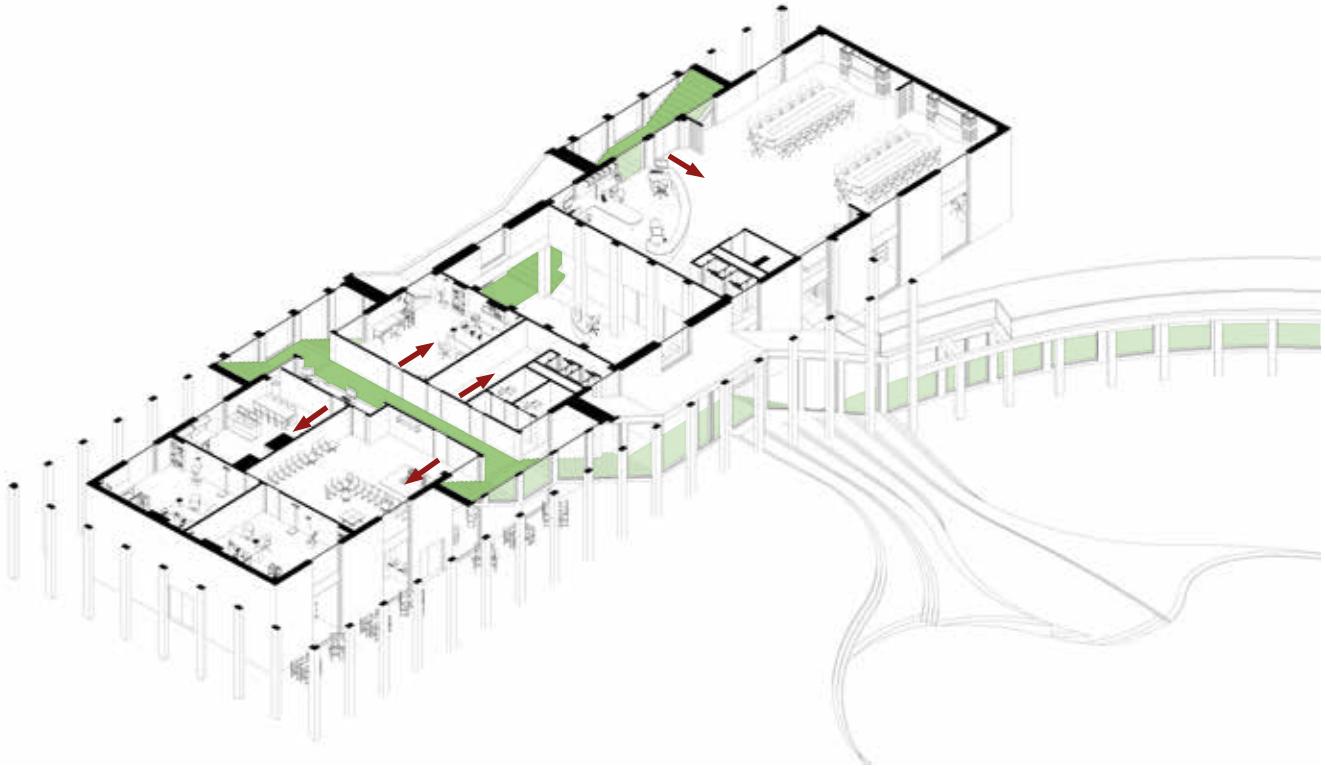
Connector typology
Primary connections



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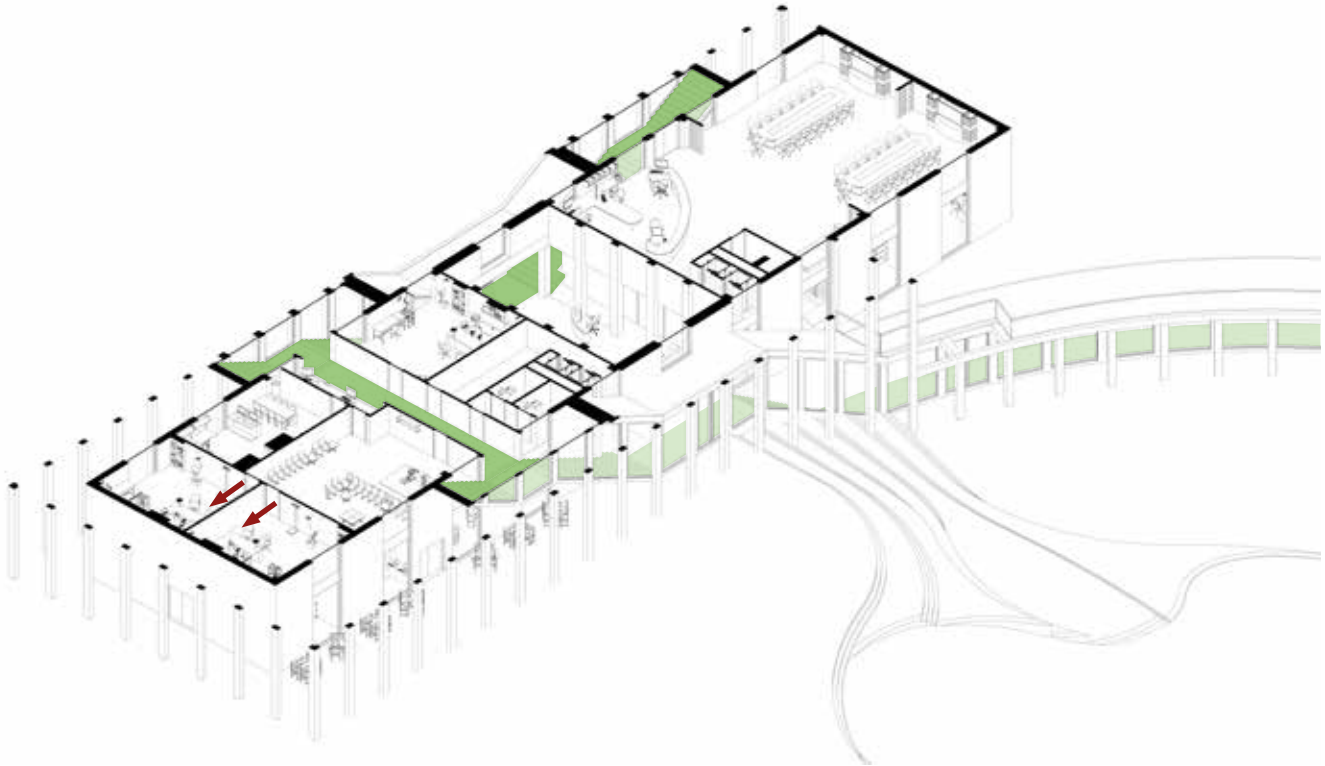
Connector typology
Secondary connections



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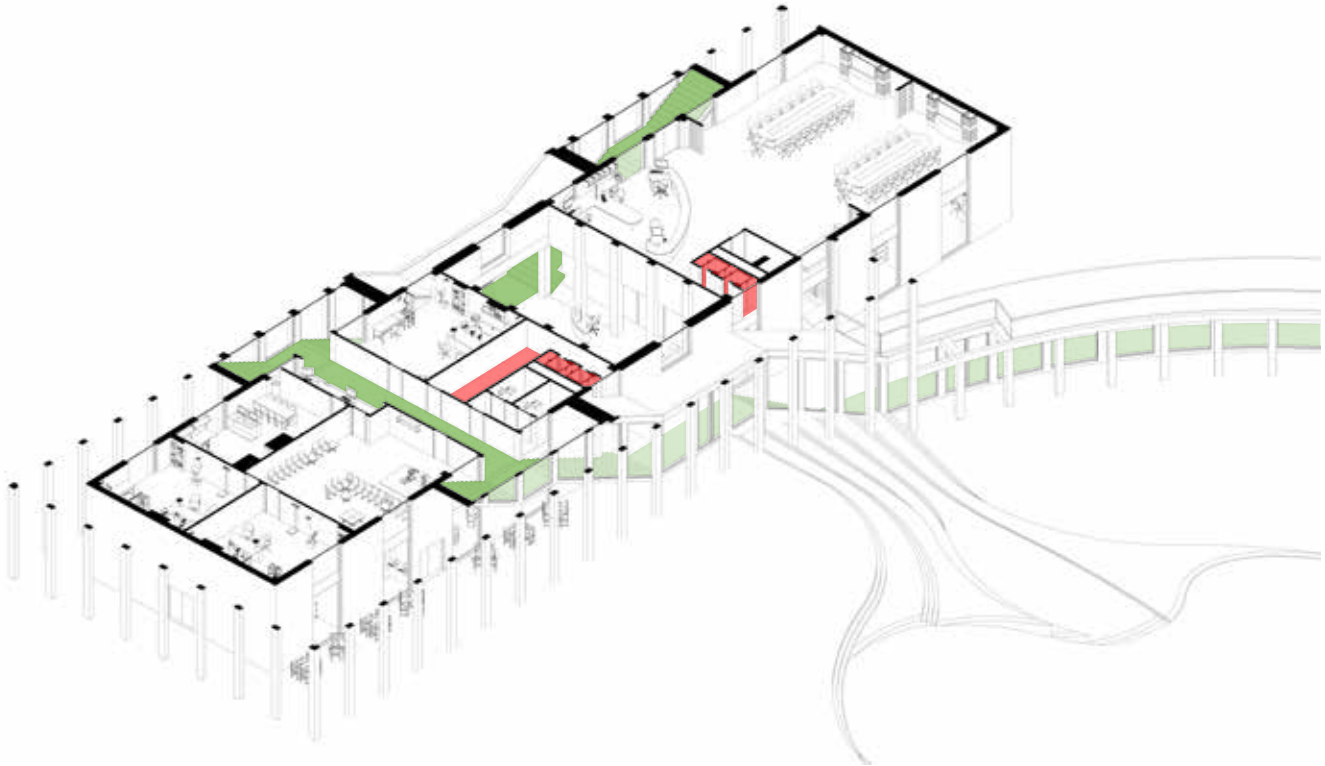
Connector typology
Disabled people access



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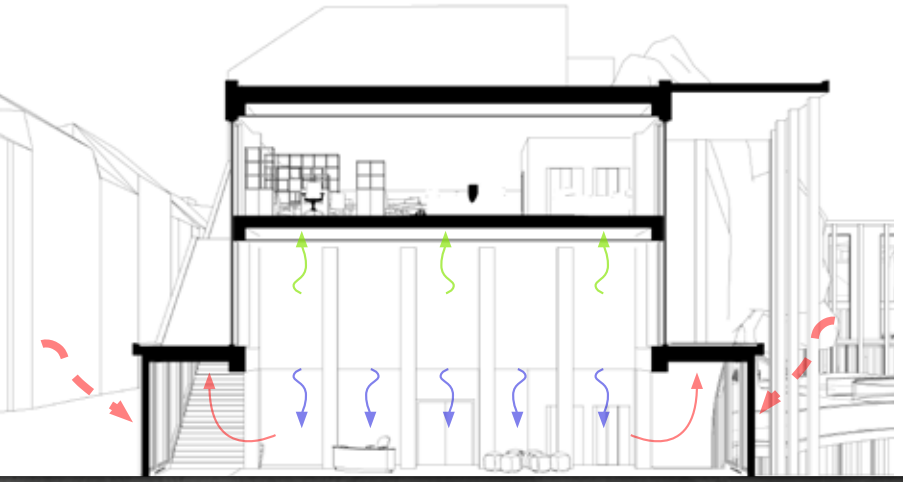
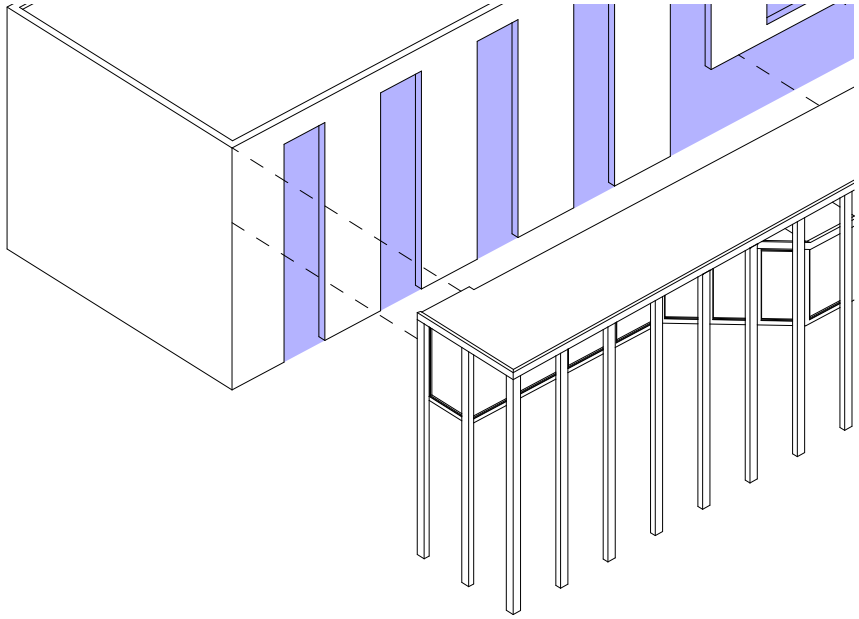
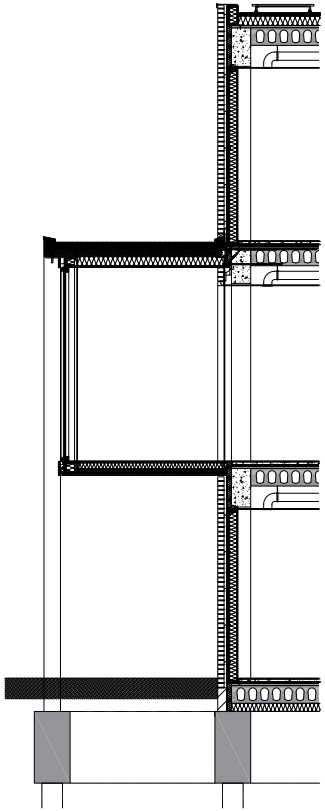
Dissipating heat scheme

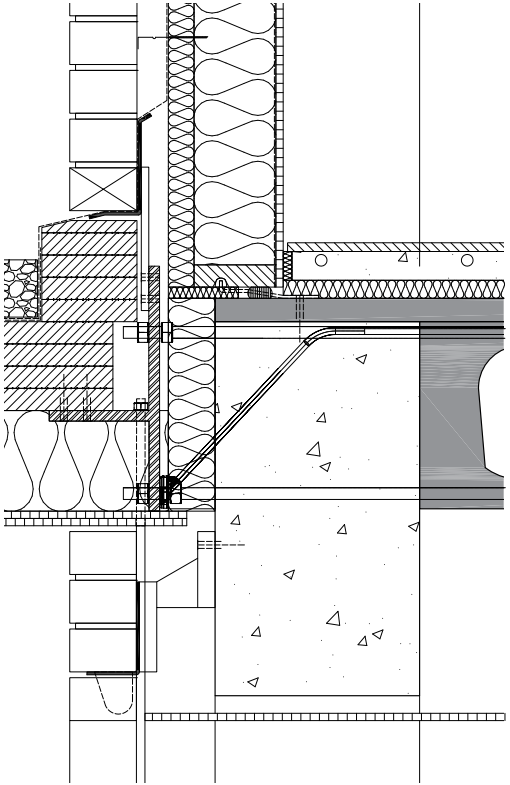


Connector typology
Cores - Connector



Connector typology
Cores - Connector





The Framework

Framework
N

Two contradictary values

Predictable
Consistent
Effortless

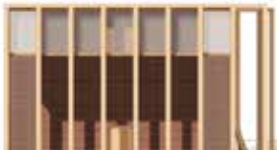
//

Varied

W

O

Predictable
Consistent
Effortless



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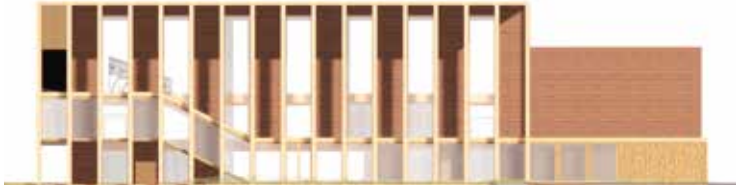


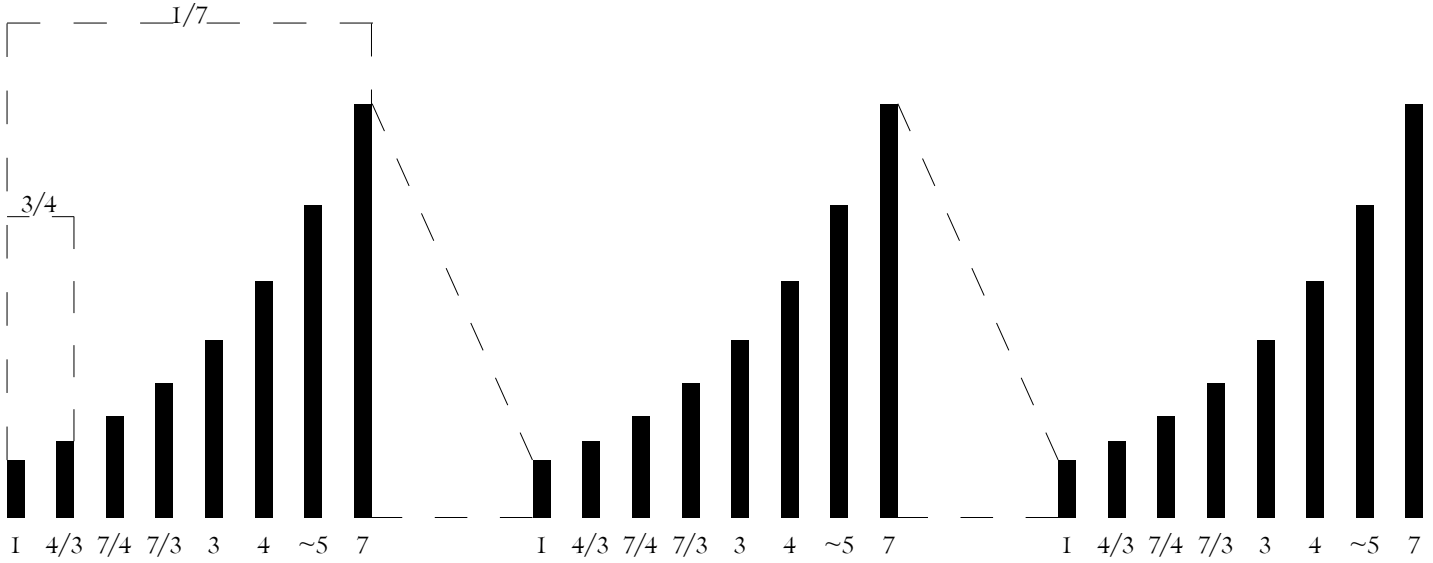
Z

O

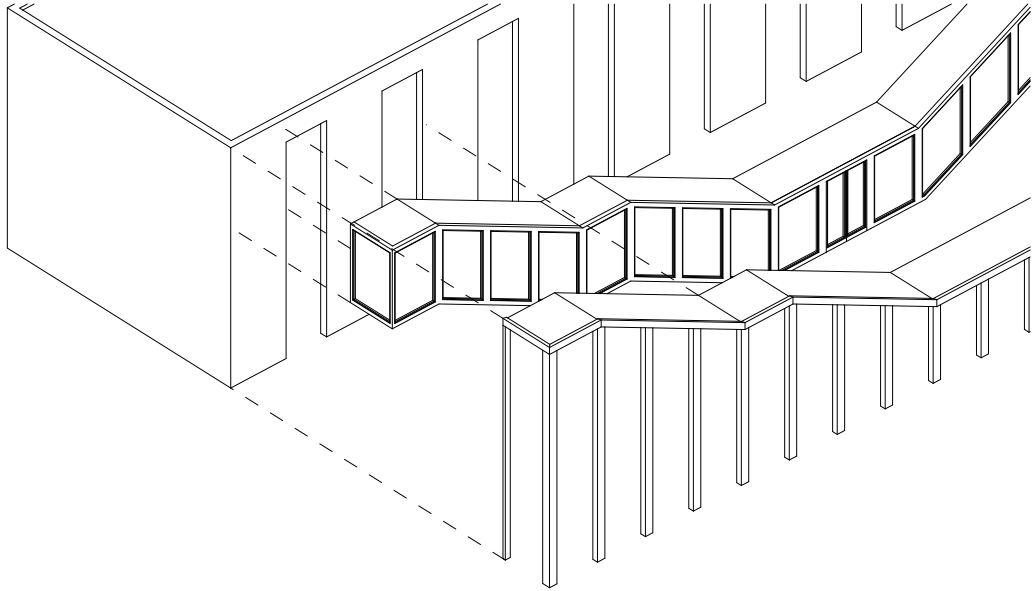
N

Dom Hans van der Laan

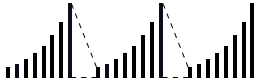
"Het Plastische getal"

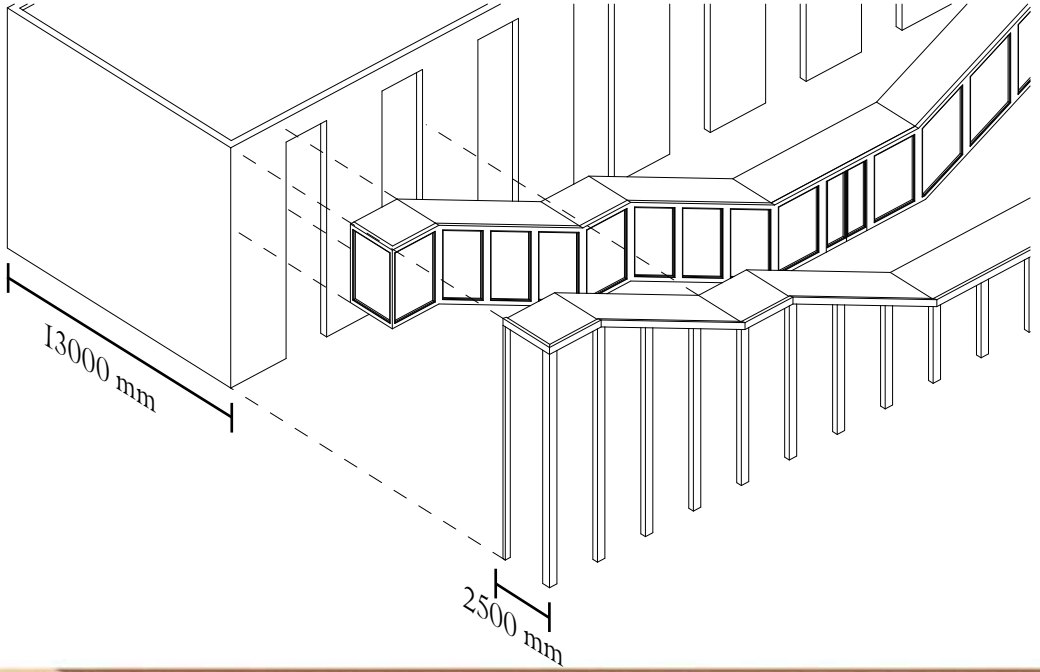


Predictable
Consistent
Effortless

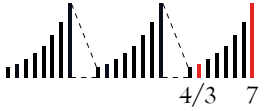


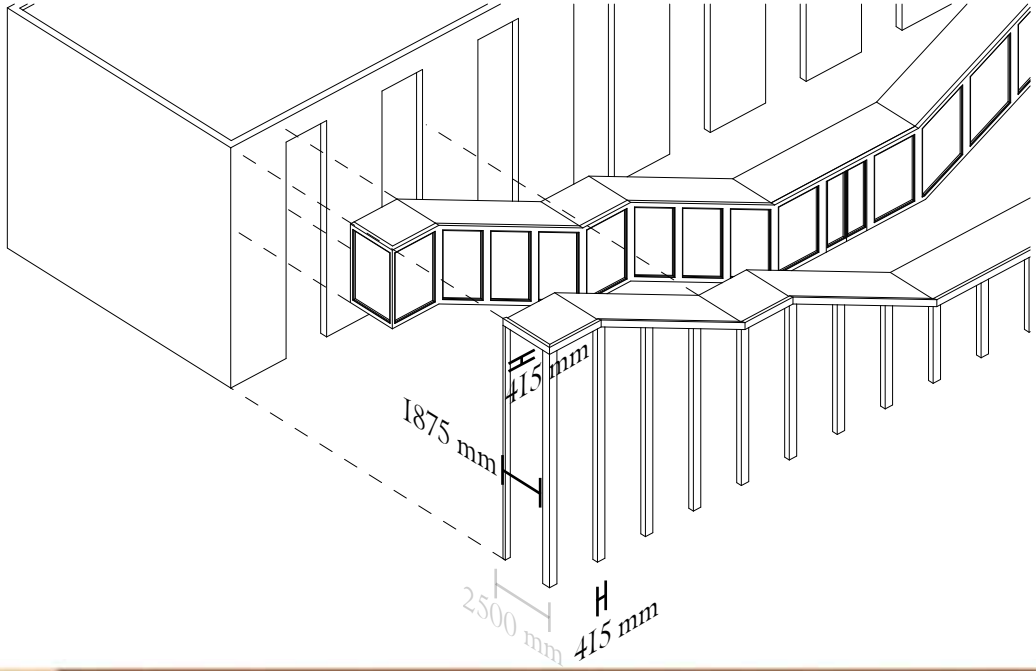
Predictable
Consistent
Effortless



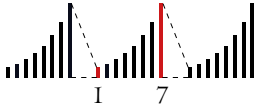


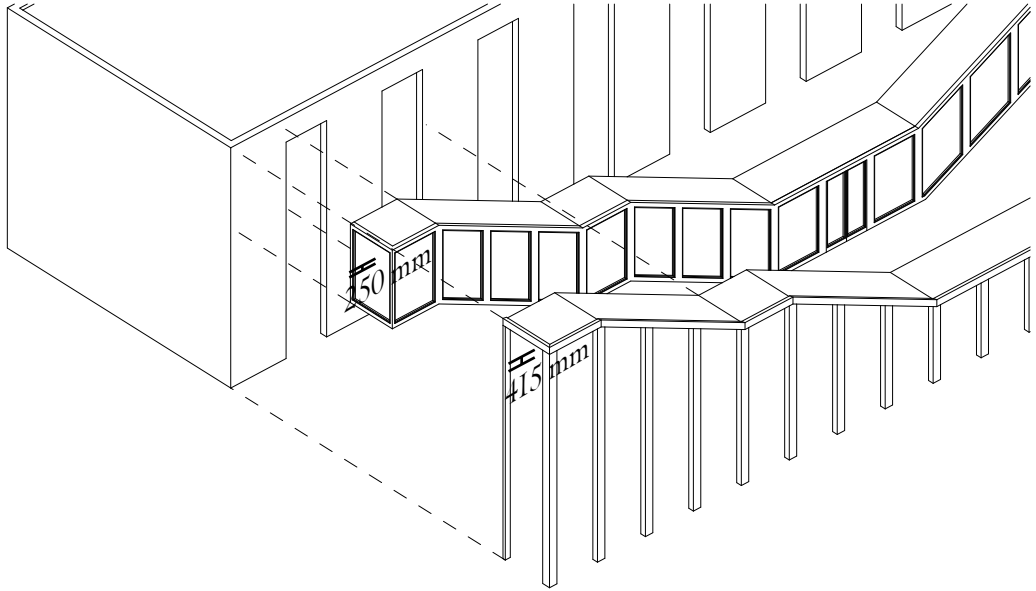
Predictable
Consistent
Effortless



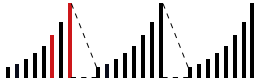


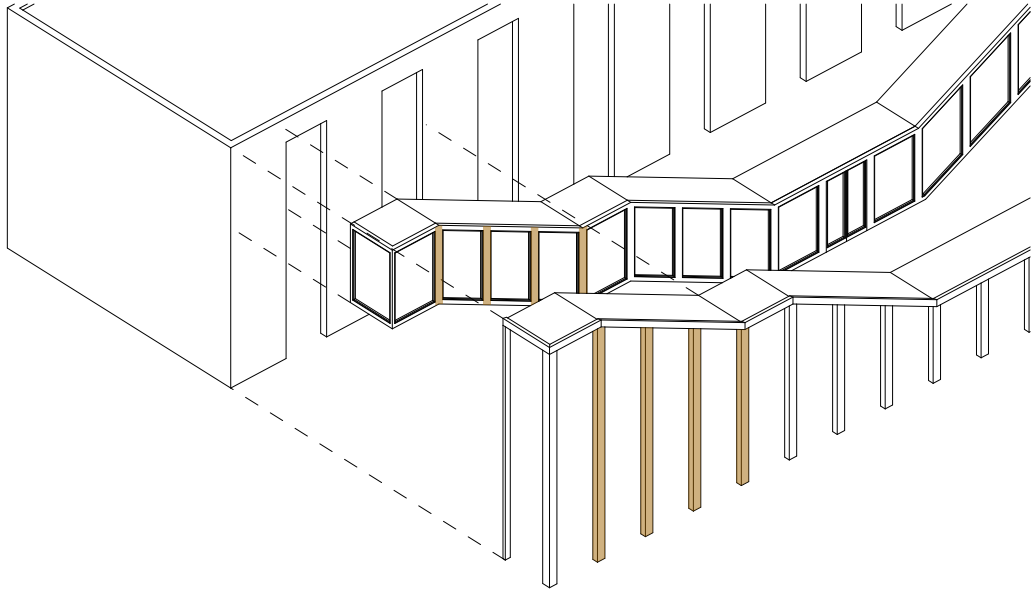
Predictable
Consistent
Effortless



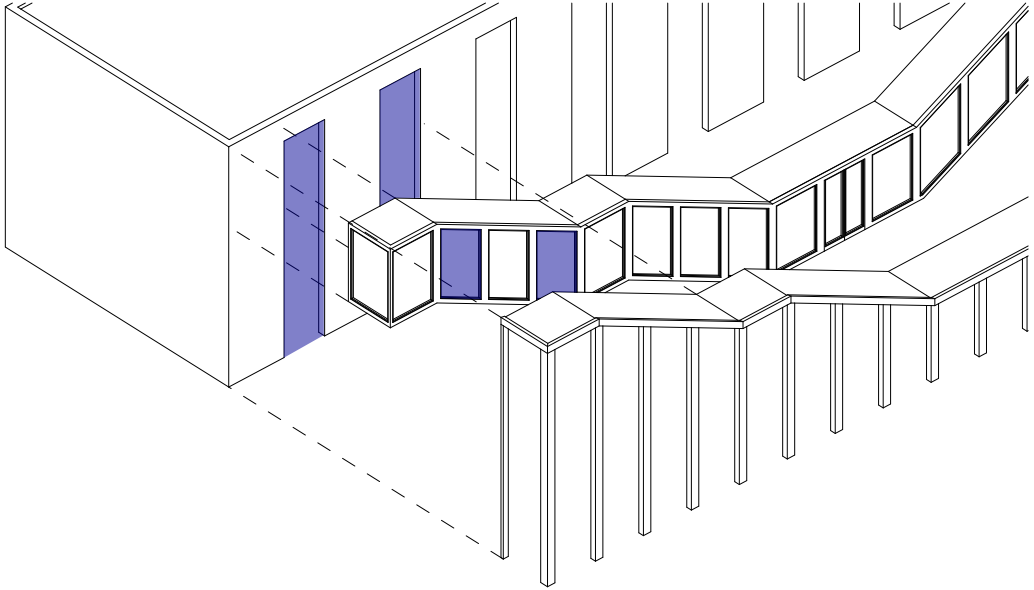


Predictable
Consistent
Effortless

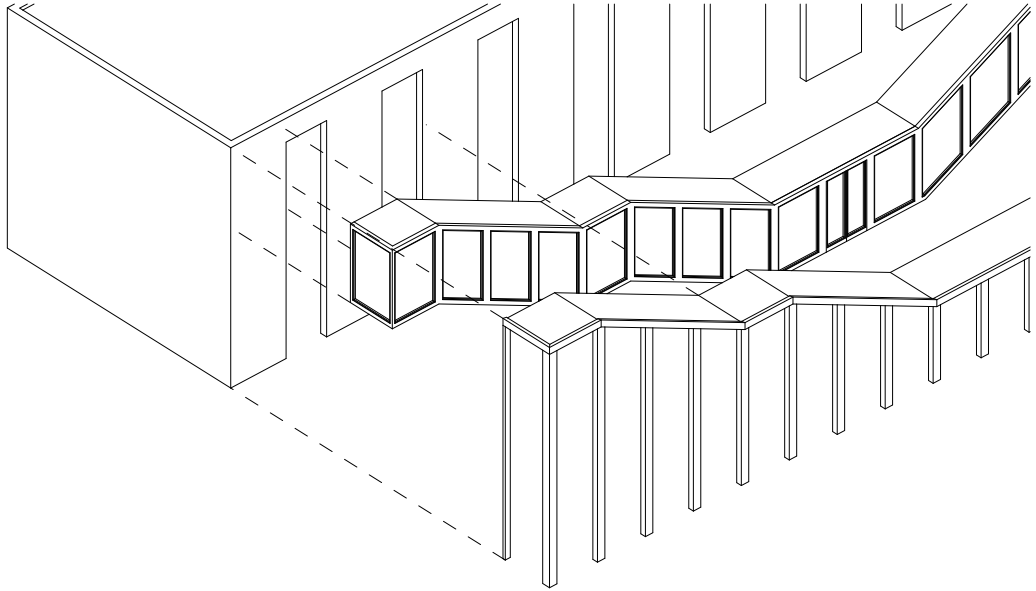




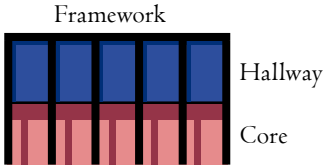
Predictable
Consistent
Effortless



Predictable
Consistent
Effortless

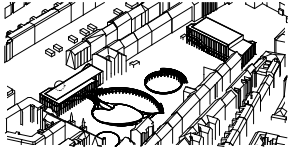


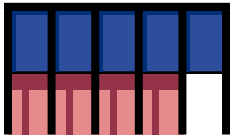
Predictable
Consistent
Effortless



Varied

Varied





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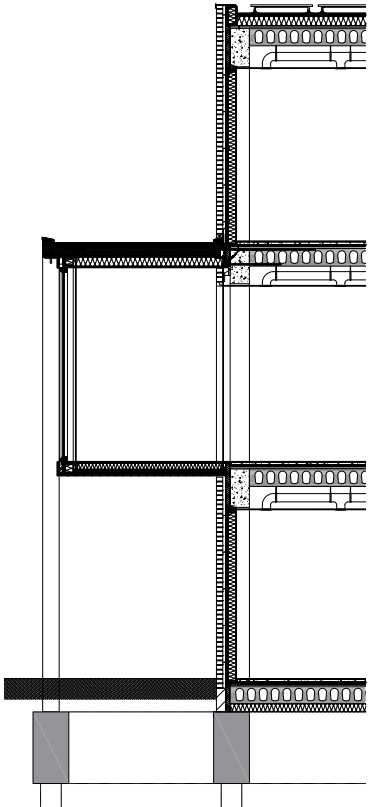

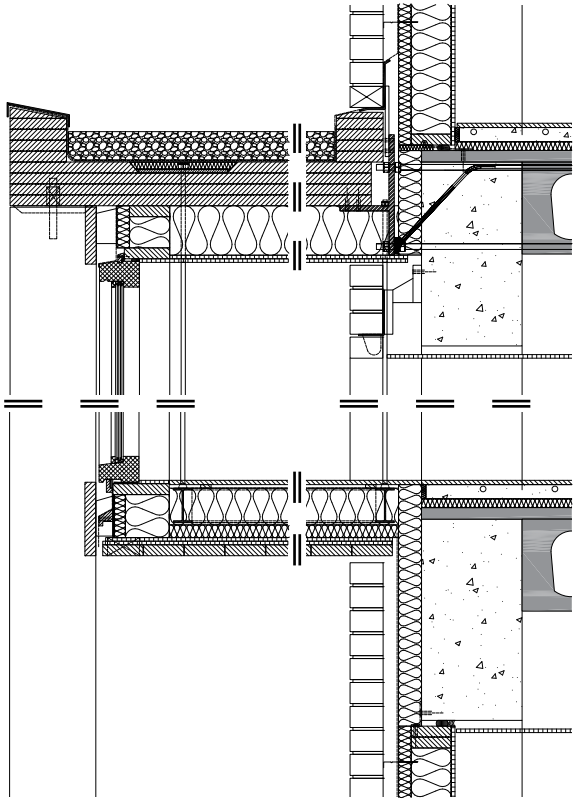

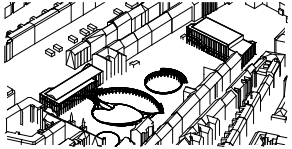

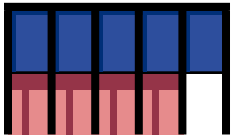

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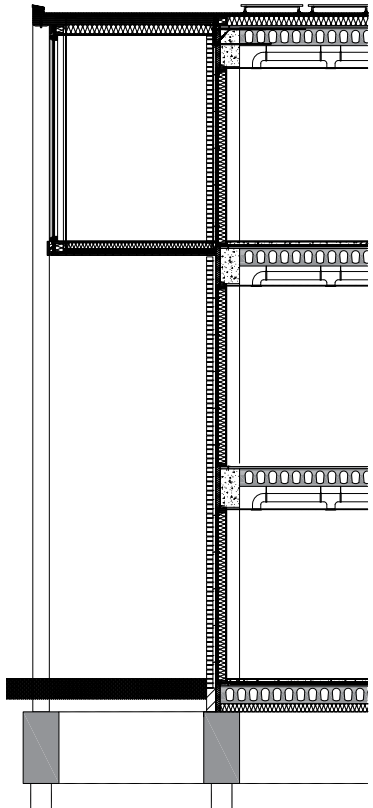

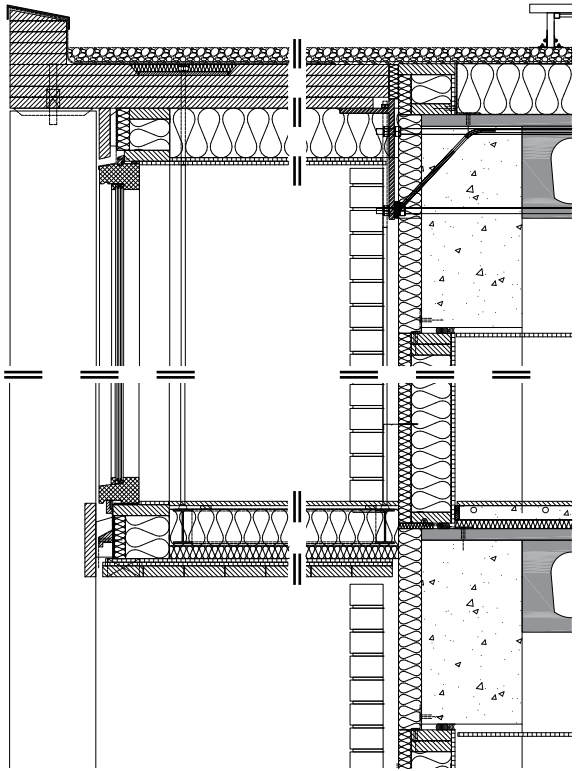

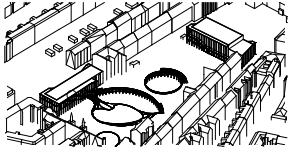

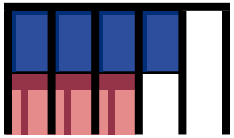

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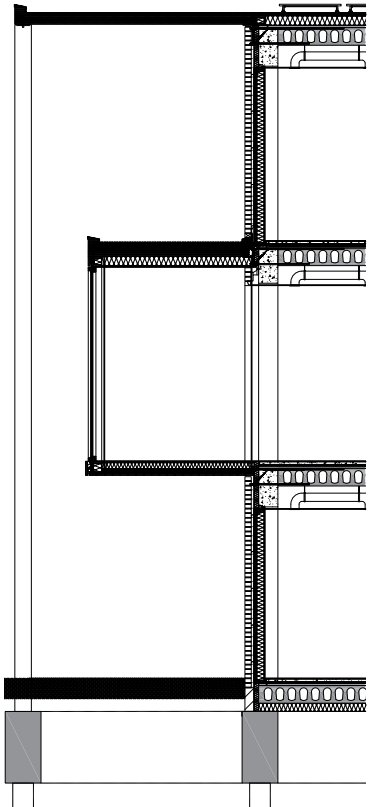

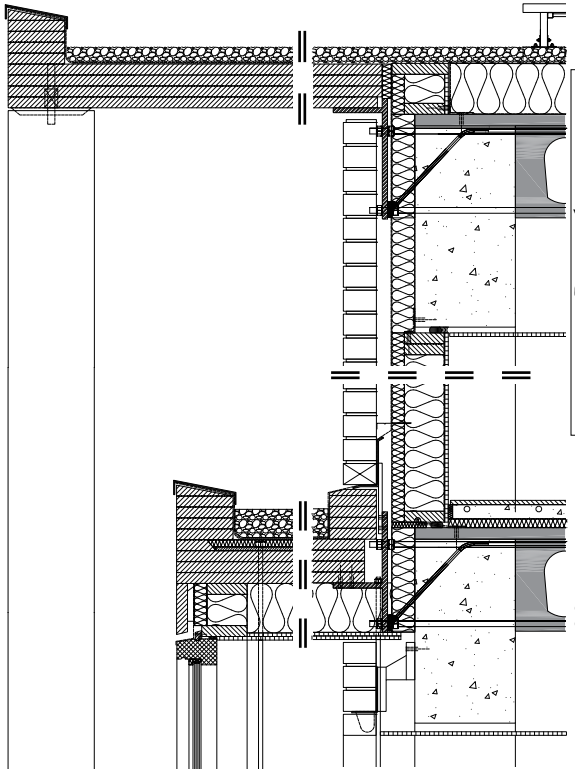

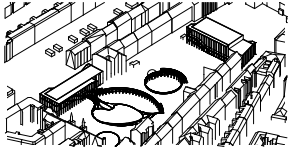

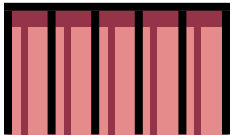

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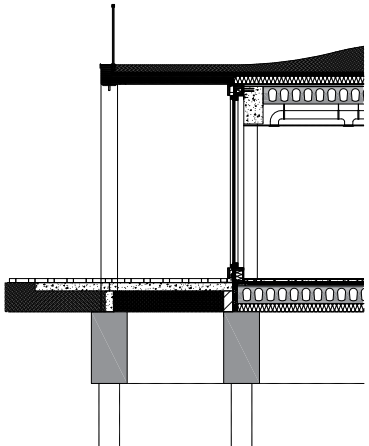

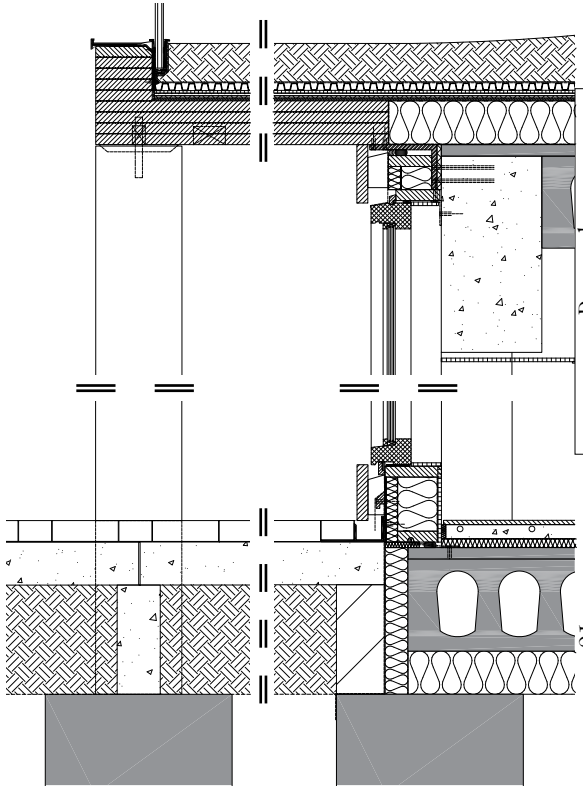

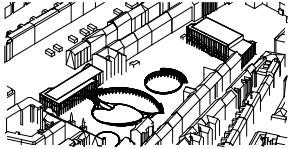

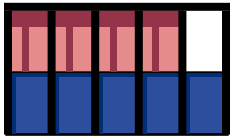

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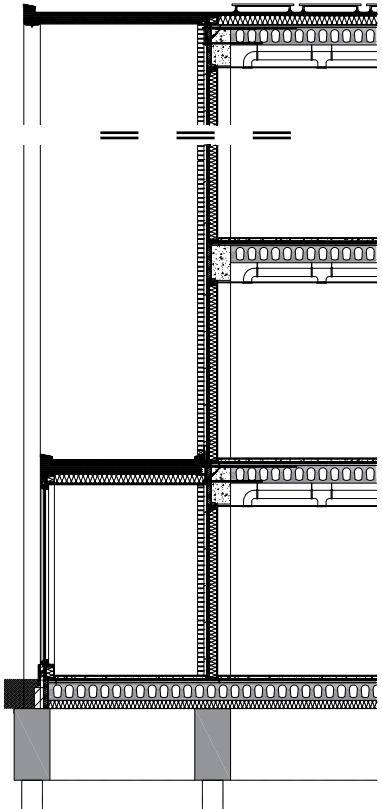
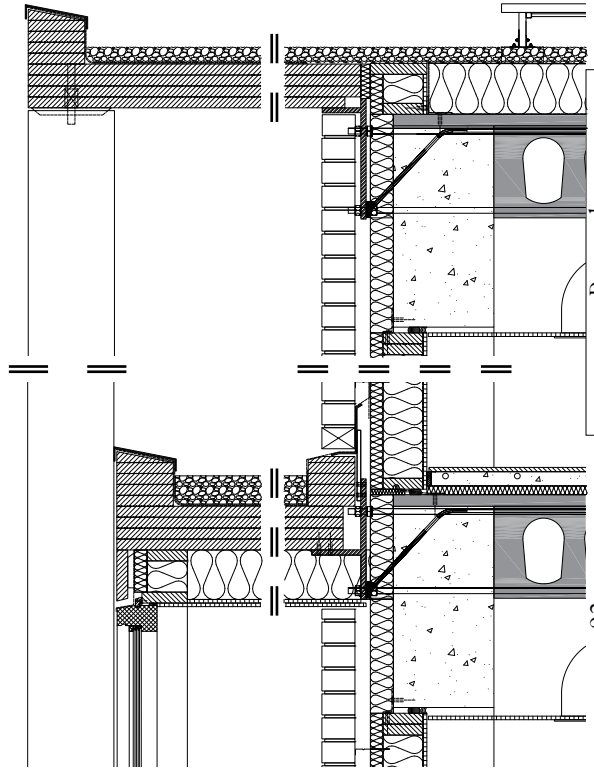
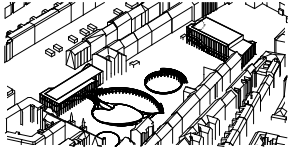
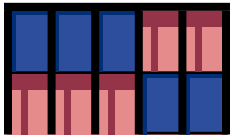
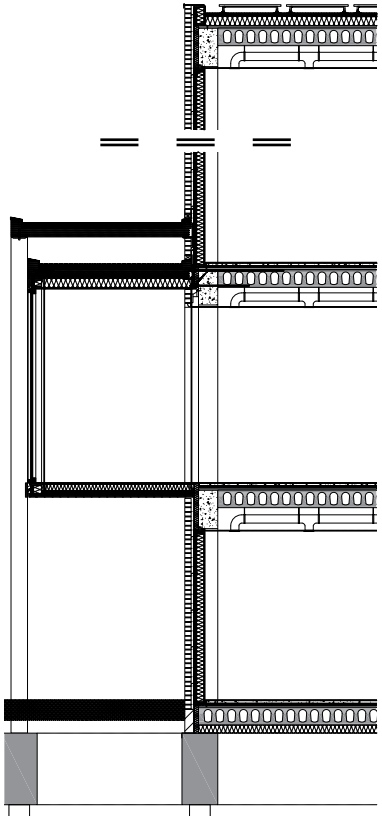




Proposal







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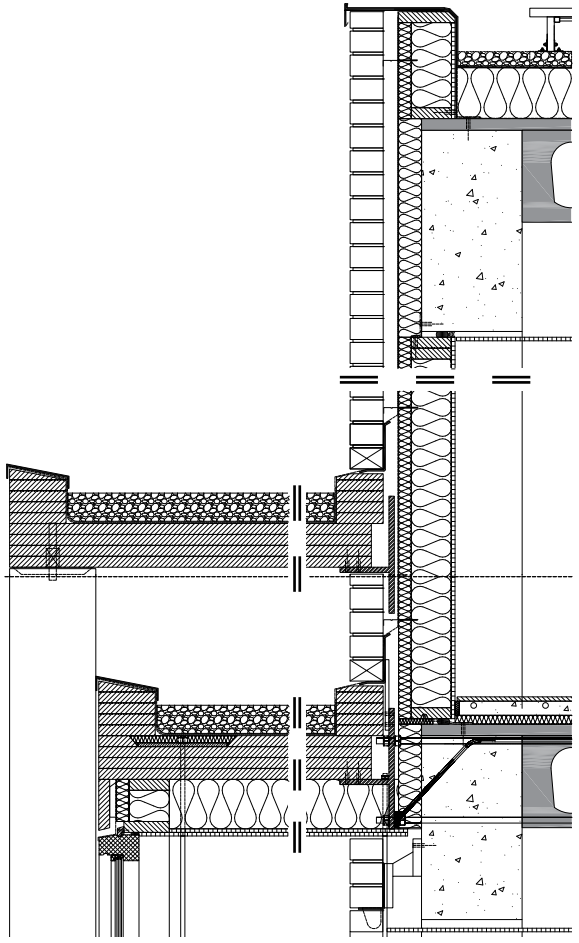
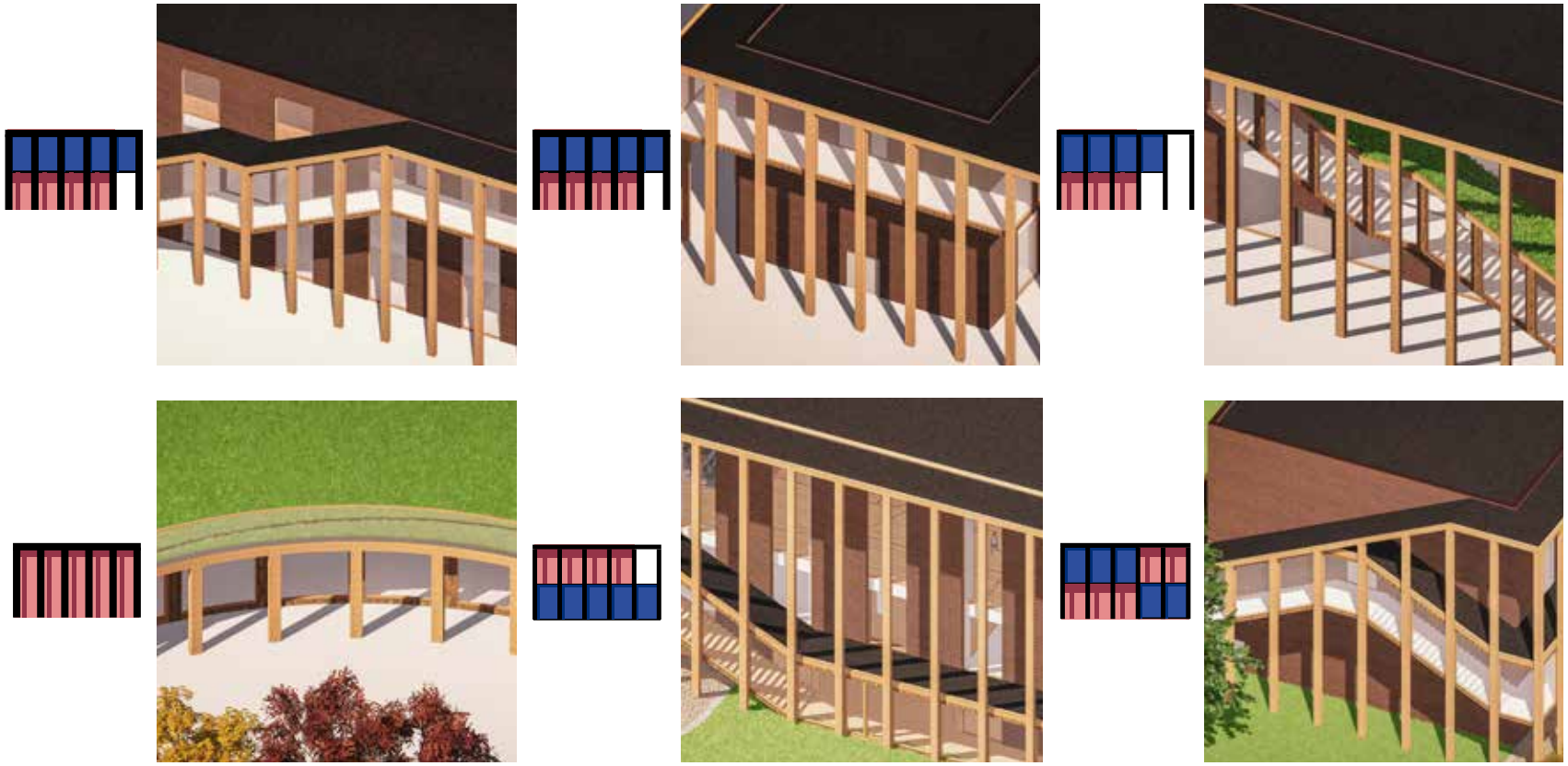
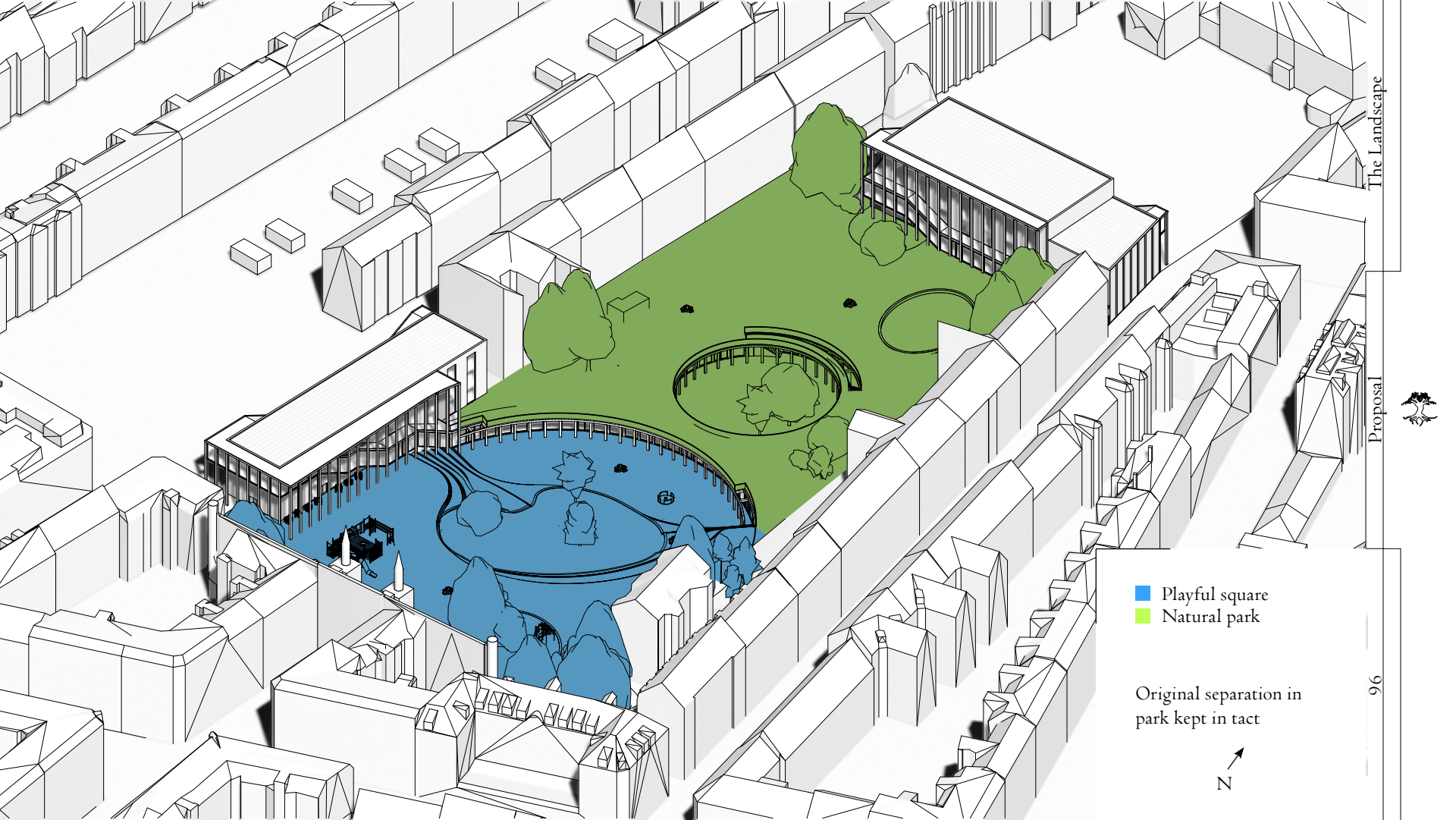


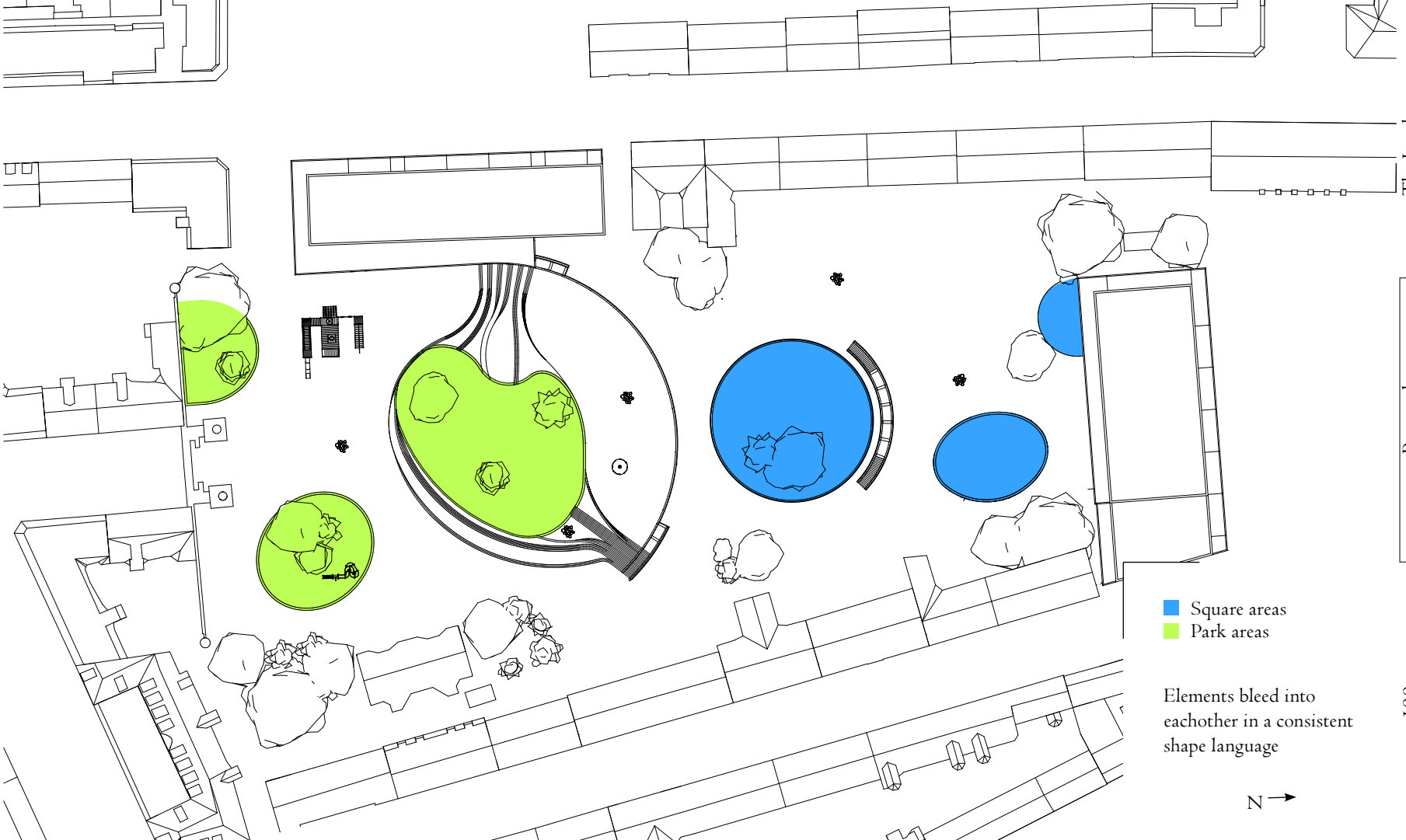


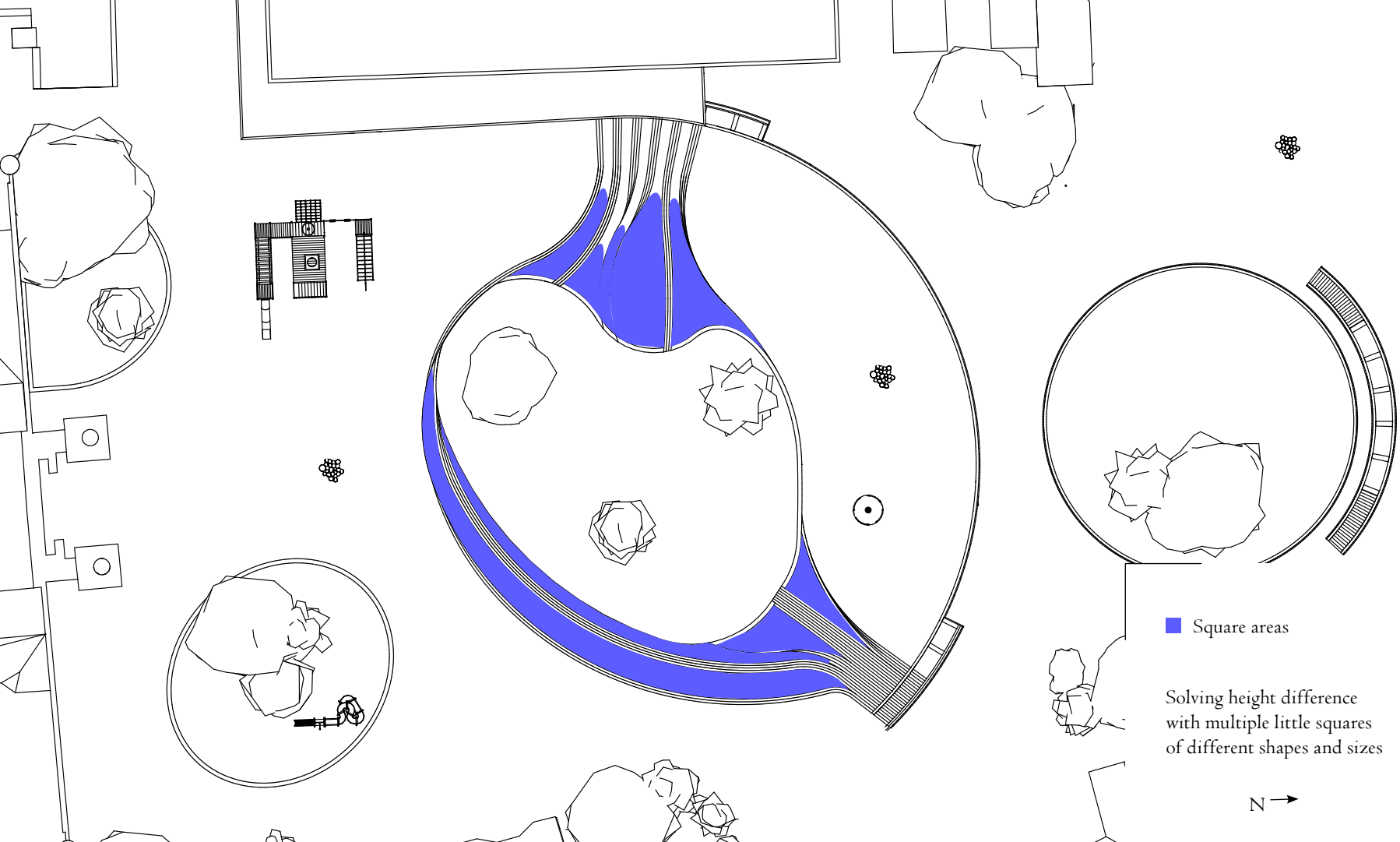
The Landscape


Playful square
Natural park
Original separation in
park kept in tact
N

Possible walking paths

N


Square areas
Park areas
Elements bleed into eachother in a consistent shape language
N


Square areas
Solving height difference
with multiple little squares
of different shapes and sizes
N

Conclusion