

# Popartifact

# **PUBLIC CONDENSER**

**Meeting and activity centre at the crossroads of neighbourhoods**



**The PUBLIC CONDENSER provides a framework for interesting meetings between culture and movement and between people. It will be a place where people of different ages, exercise habits, cultural consumption and lifestyles encounter each other.**

**It should be a place where there is room to be with friends and family, but also a place where you meet new people.**

**Research**

**Manifesto**

**Concept Design**

**Design Process**

**Public Condenser**

# Research

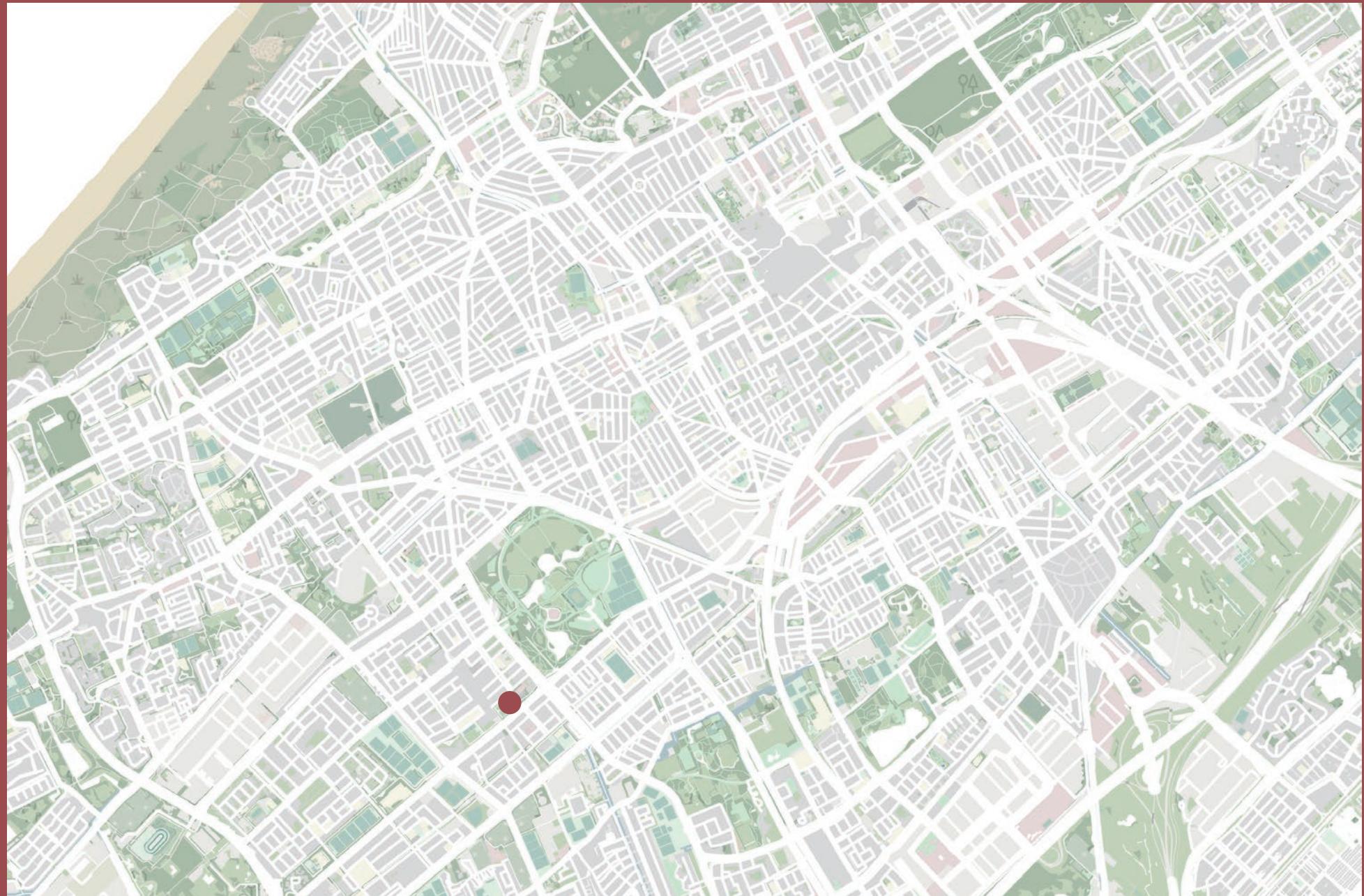
**Manifesto**

**Concept Design**

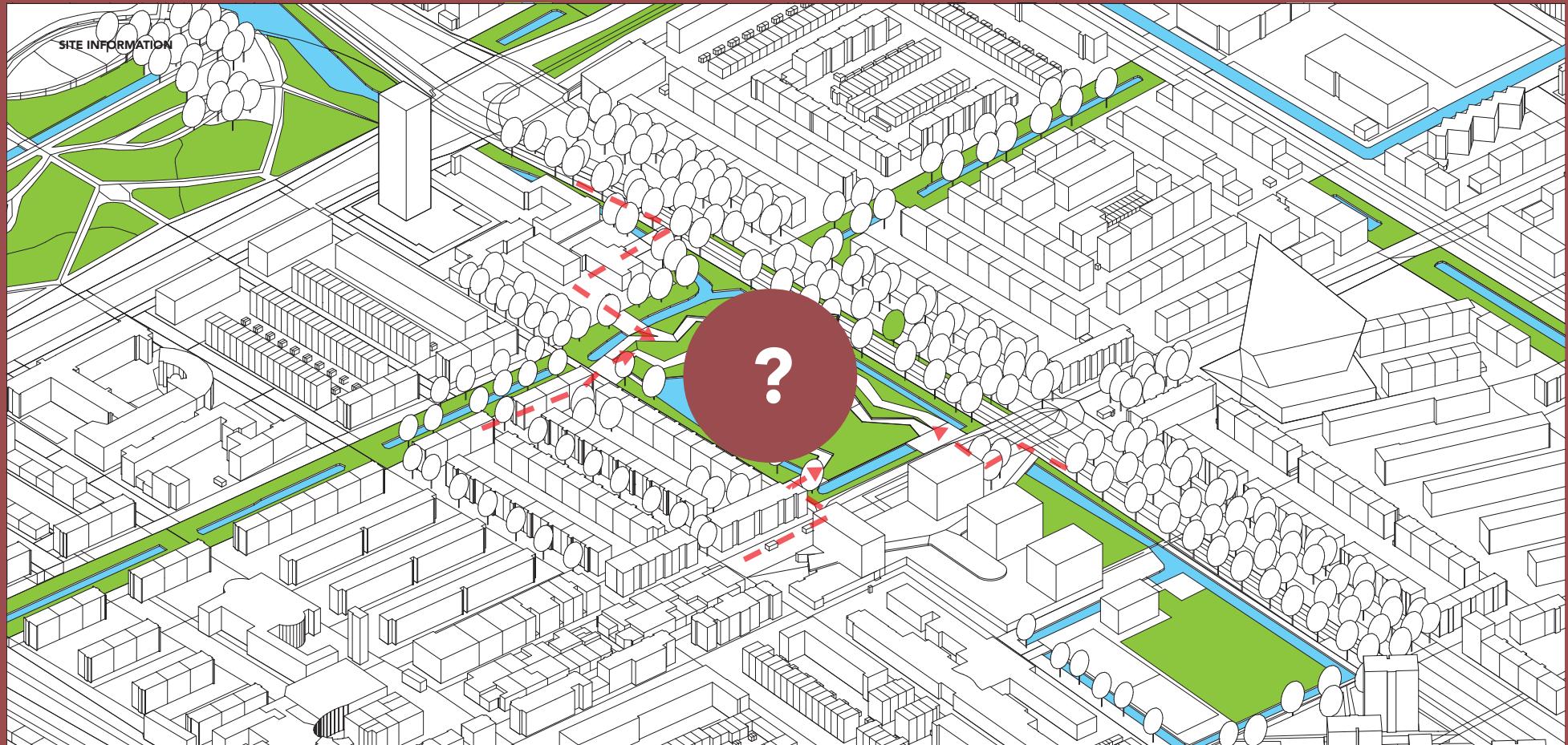
**Design Process**

**Public Condenser**

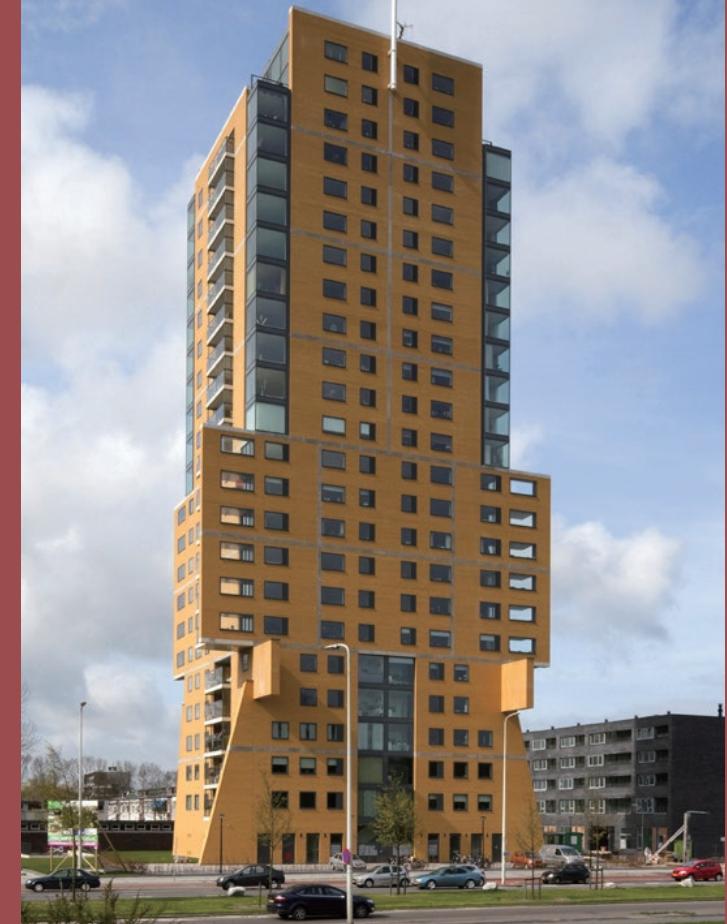
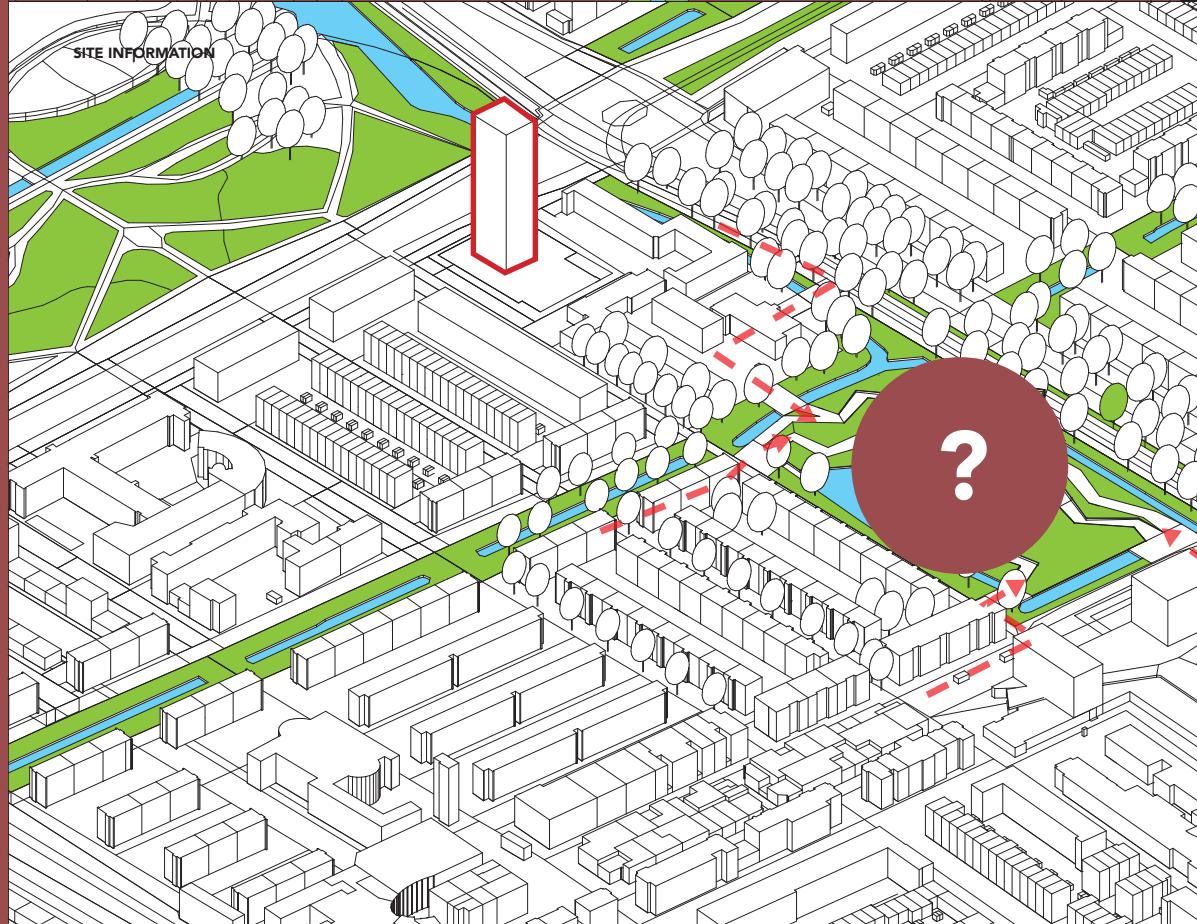
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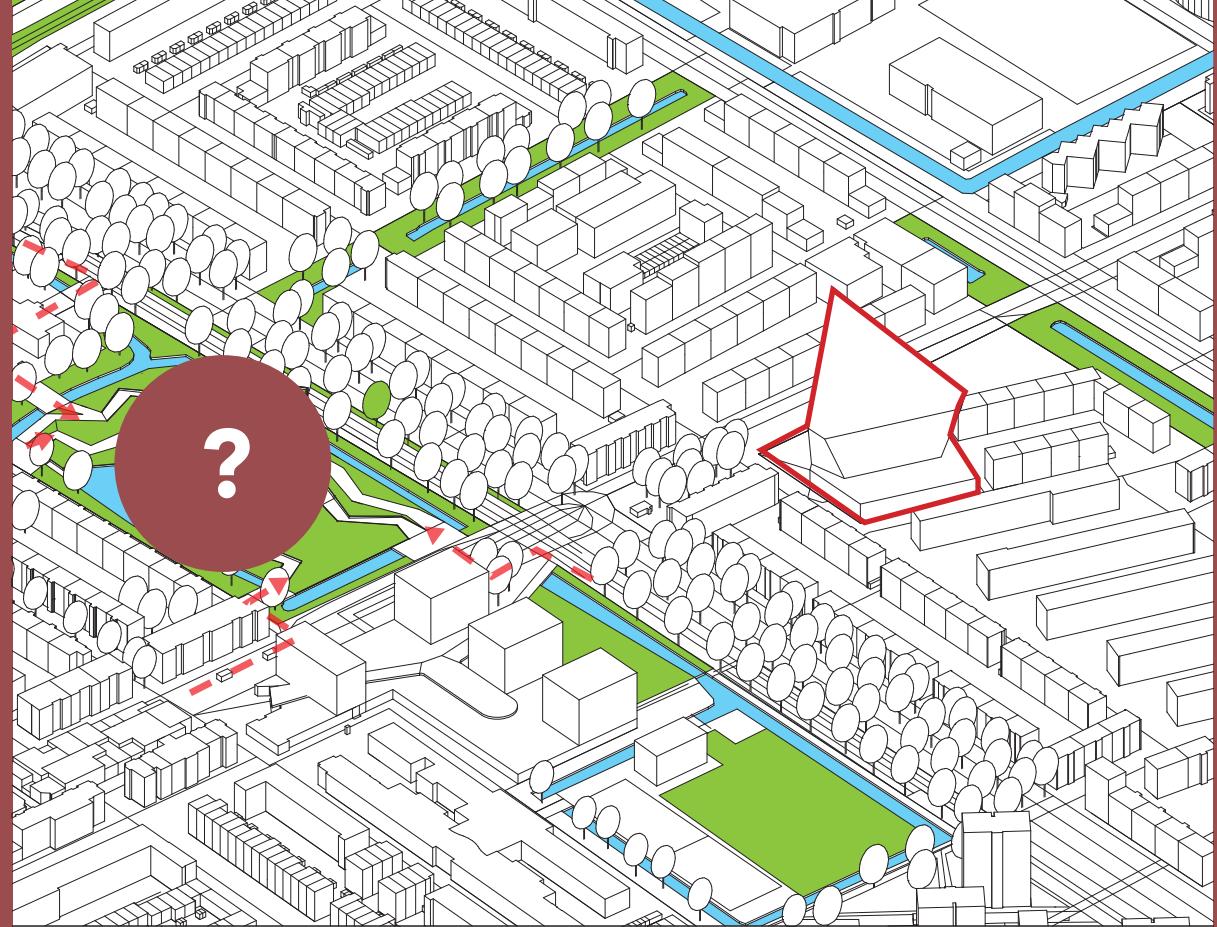
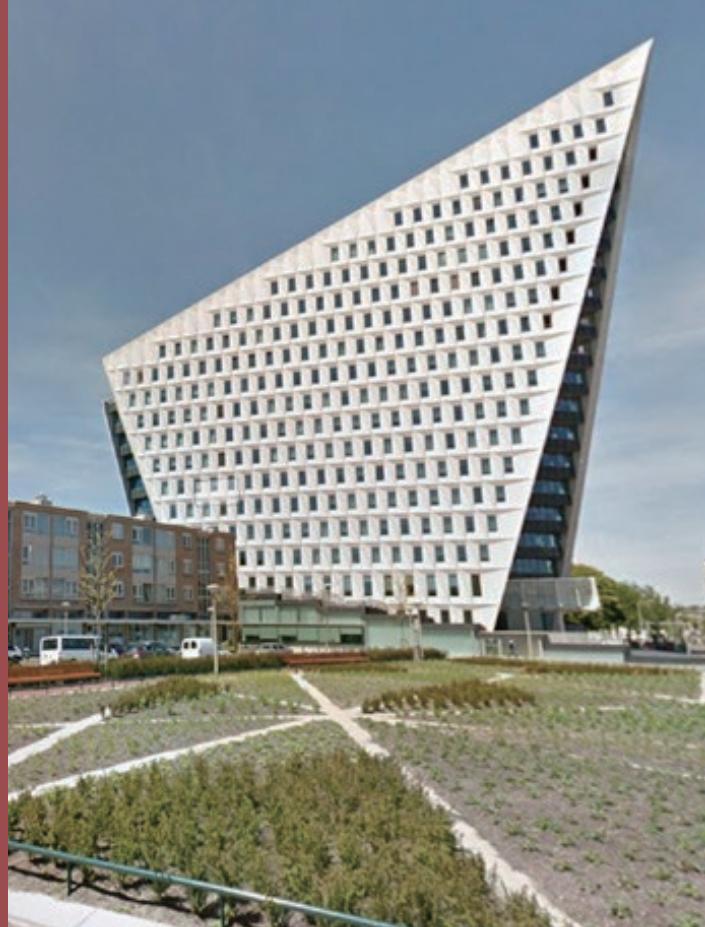
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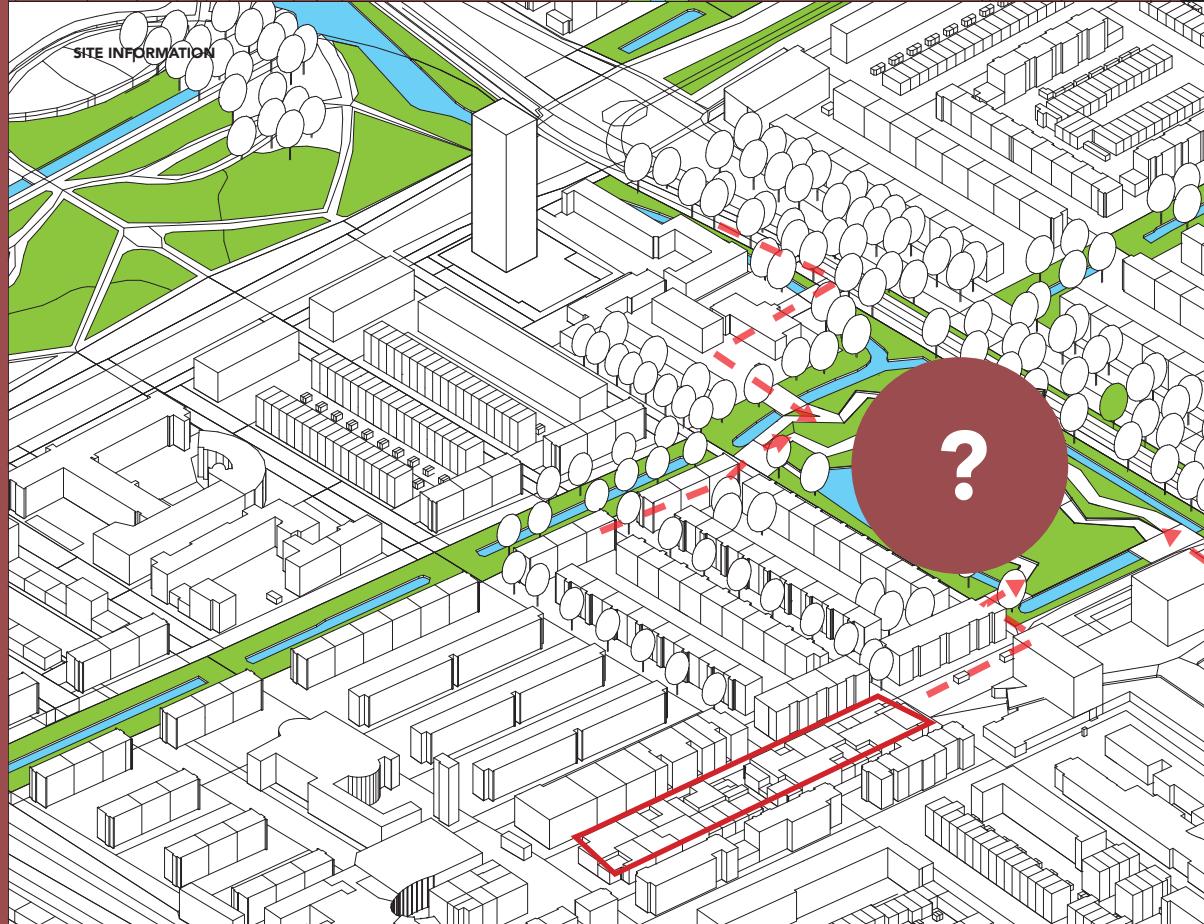
# Site Information



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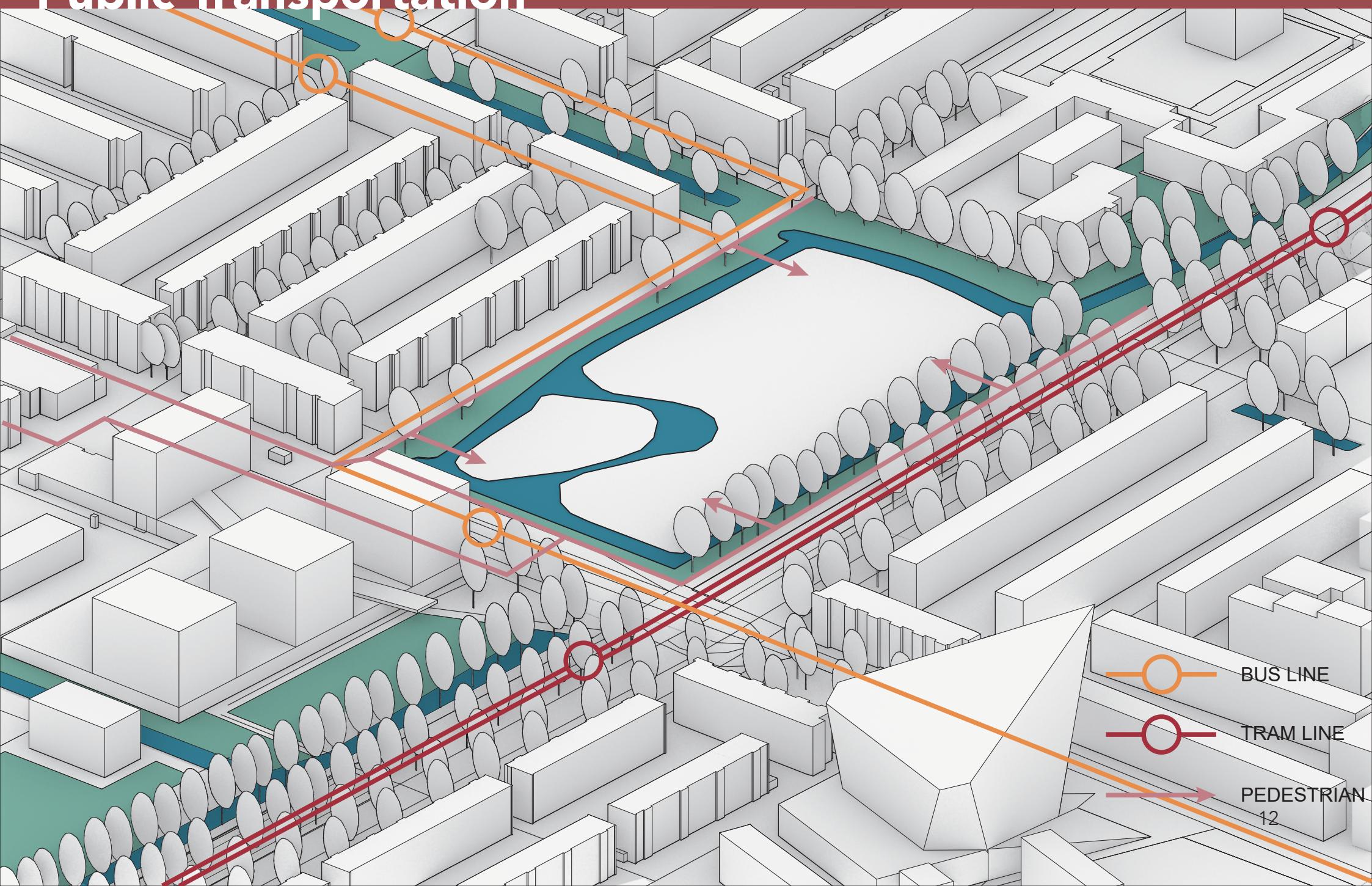
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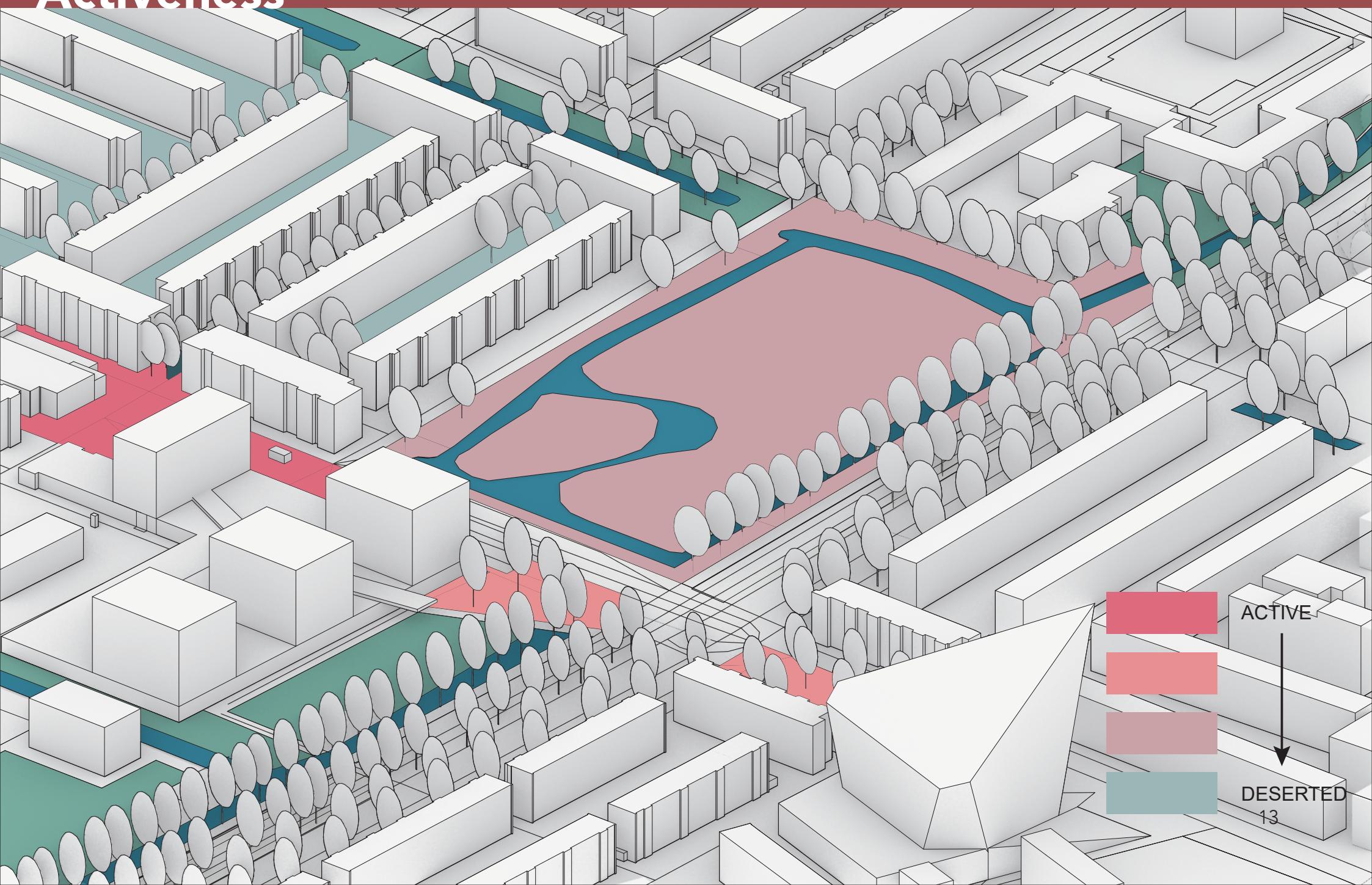
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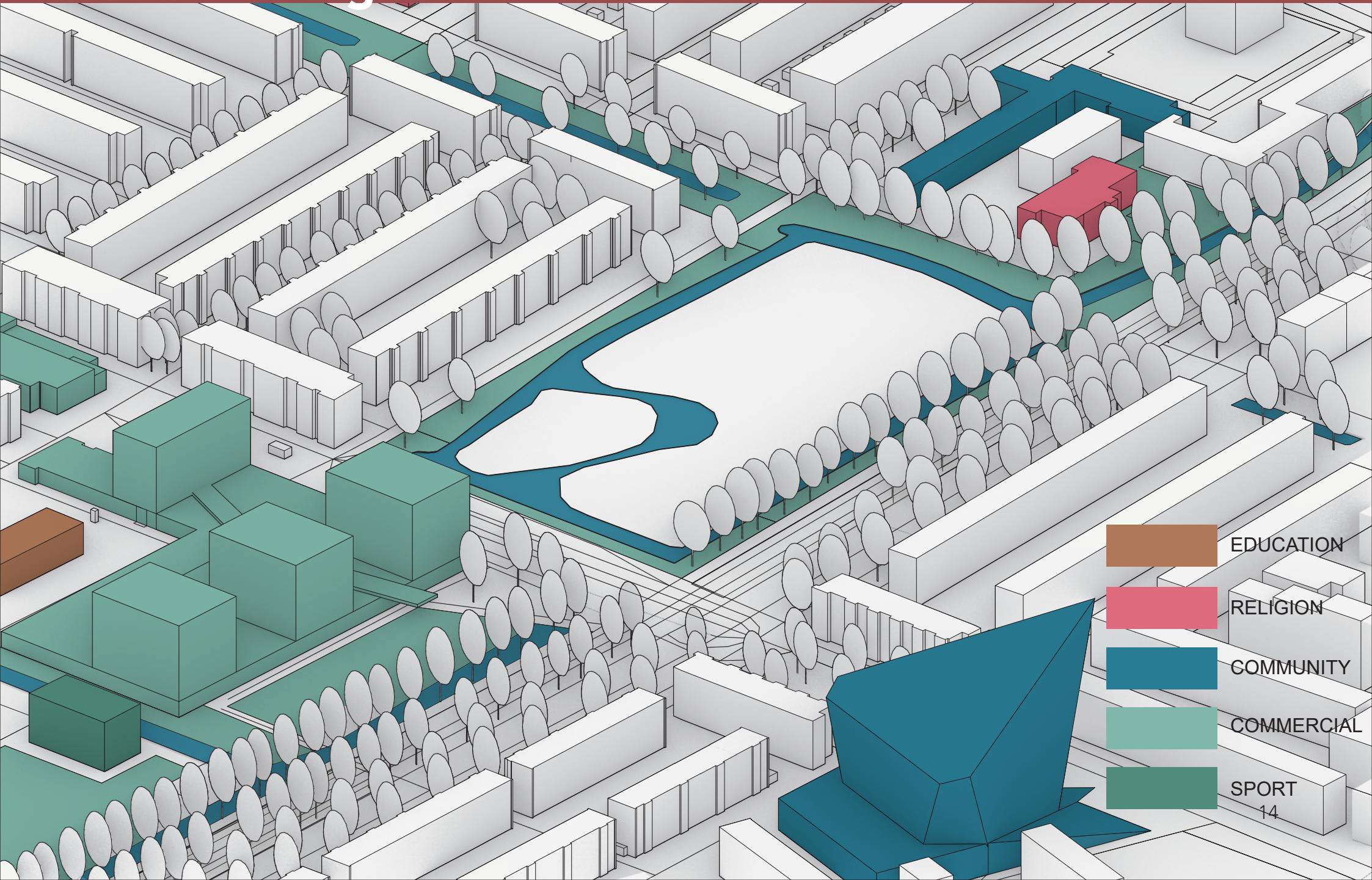
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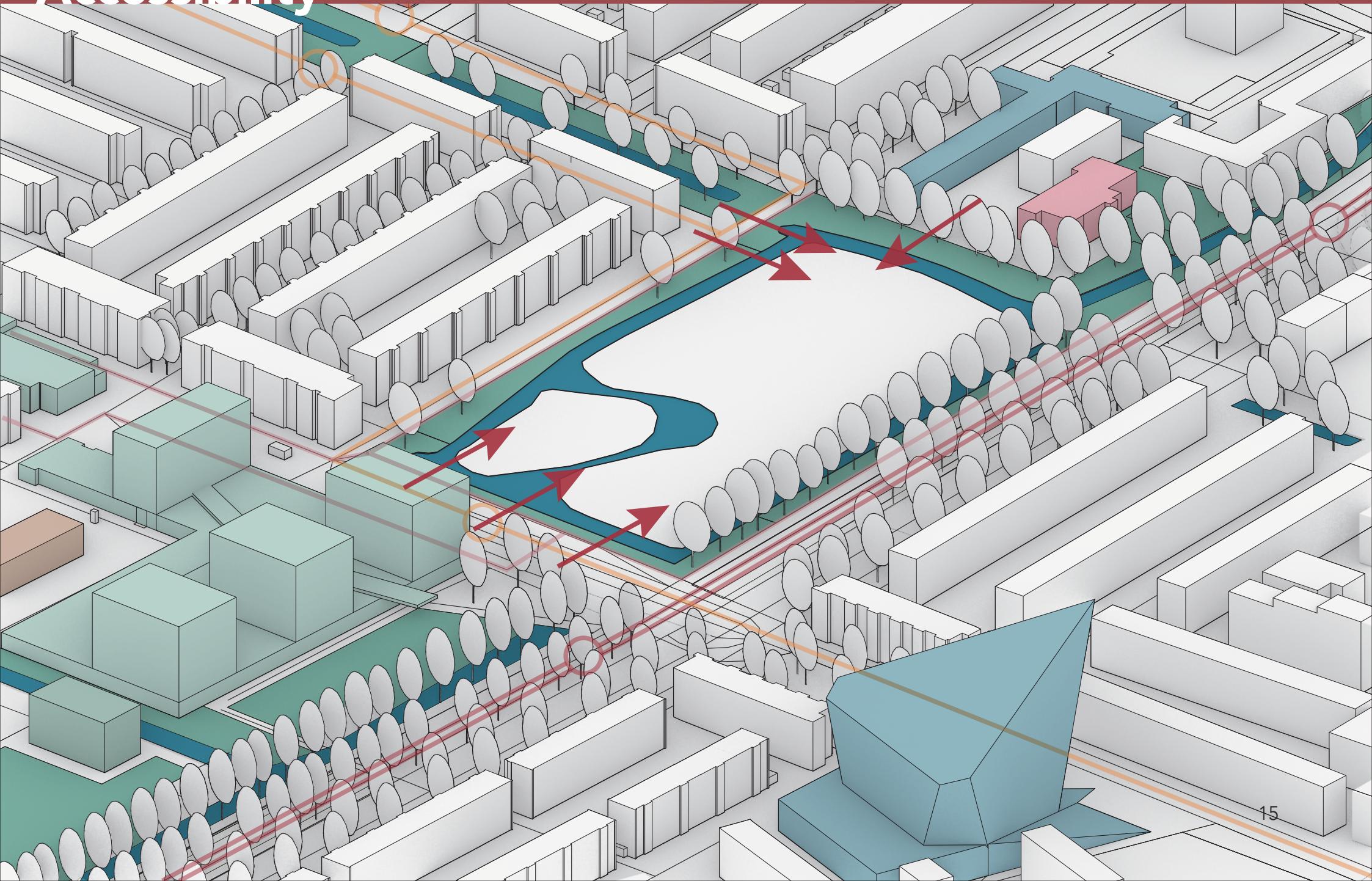
# Activeness



# Public Buildings



# Accessibility



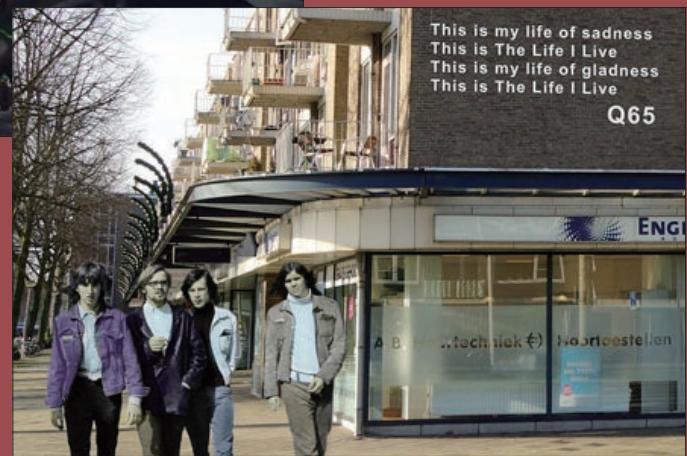
# Low Culture



# High Culture



# low Culture



# High Culture



High culture in The Hague Southwest  
Jorren Verheesen

## HIGH CULTURE IN THE HAGUE (SOUTHWEST)

Looking at the map of The Hague, and in particular Southwest, it immediately shows that there is an absence of higher cultural institutions in south west. These institutions are mainly positioned in the old city of The Hague. There has been an attempt to bring culture into the area by the introduction of an open-air theatre in the Zuiderpark, next to the project location.

## WONINGBOUWFESTIVAL

As a celebration of the 200,000th building in The Hague, the woningbouwfestival was planned as a manifestation of works by great architects such as Steven Holl and Bernard Tschumi. But their expressionistic and deconstructive works, with costs up to 800.000 per unit, seemed not fit for The Hague Southwest (Roos, 1998). Afterwards, the project was expanded over more than just the original 8th 'urban villas', studios such as OMA, Mecanoo and MVRDV were able to design more fitting



High culture in The Hague Southwest  
Jorren Verheesen

# City as the Collage of Cultures



**Research**

# **Manifesto**

**Concept Design**

**Design Process**

**Public Condenser**



**Research**

**Manifesto**

# **Concept Design**

**Design Process**

**Public Condenser**

# A large scale



## City as culture collage

from:<https://unsplash.com/s/photos/city-skyline>

# A small scale



## architecture as culture collage

from:<https://www.aiany.org/membership/oculus-magazine/article/summer-2019/op-ed-architecture-for-a-multicultural-society/>

**A small scale**



**A large scale**



**Personal cultural preference**

from:<https://www.nytimes.com/2019/10/07/learning/why-is-it-important-for-people-with-different-political-beliefs-to-talk-to-each-other.html>



**Collective cultural memory**

from:<https://www.ainy.org/membership/oculus-magazine/article/summer-2019/op-ed-architecture-for-a-multicultural-society/>

# ***Performing Memory in Art and Popular Culture***

Edited by  
Liedike Plate and Anneke Smelik

Creativiy

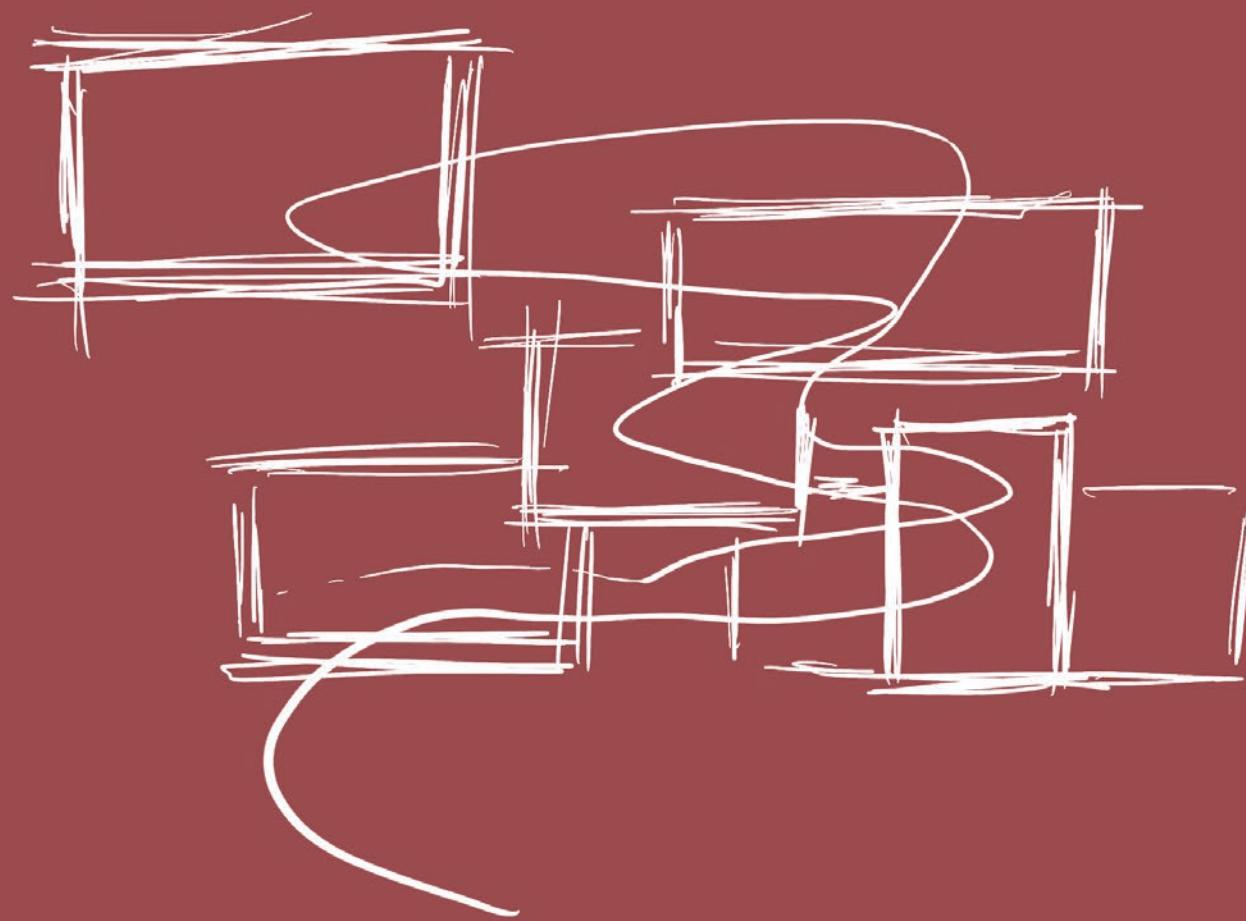
**A design that offers multiple ways of using which brings balance to a variety of cultural events, such as pop culture, art, and daily life. Through the multi-cultural and and multi-functional approach, the design participate in the forming of new culture stream as an actor in the performance of cultural memory.**

Participation



Interaction

# Concept Drawing I



*Popular Culture*

*VS*

*'High' Art*

**Mass produced**

**Cannot be copied**

**Experienced mainly through participation**

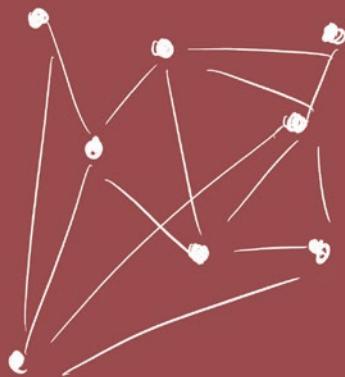
**Experienced mainly through distanced contemplation**

**Creates distraction**

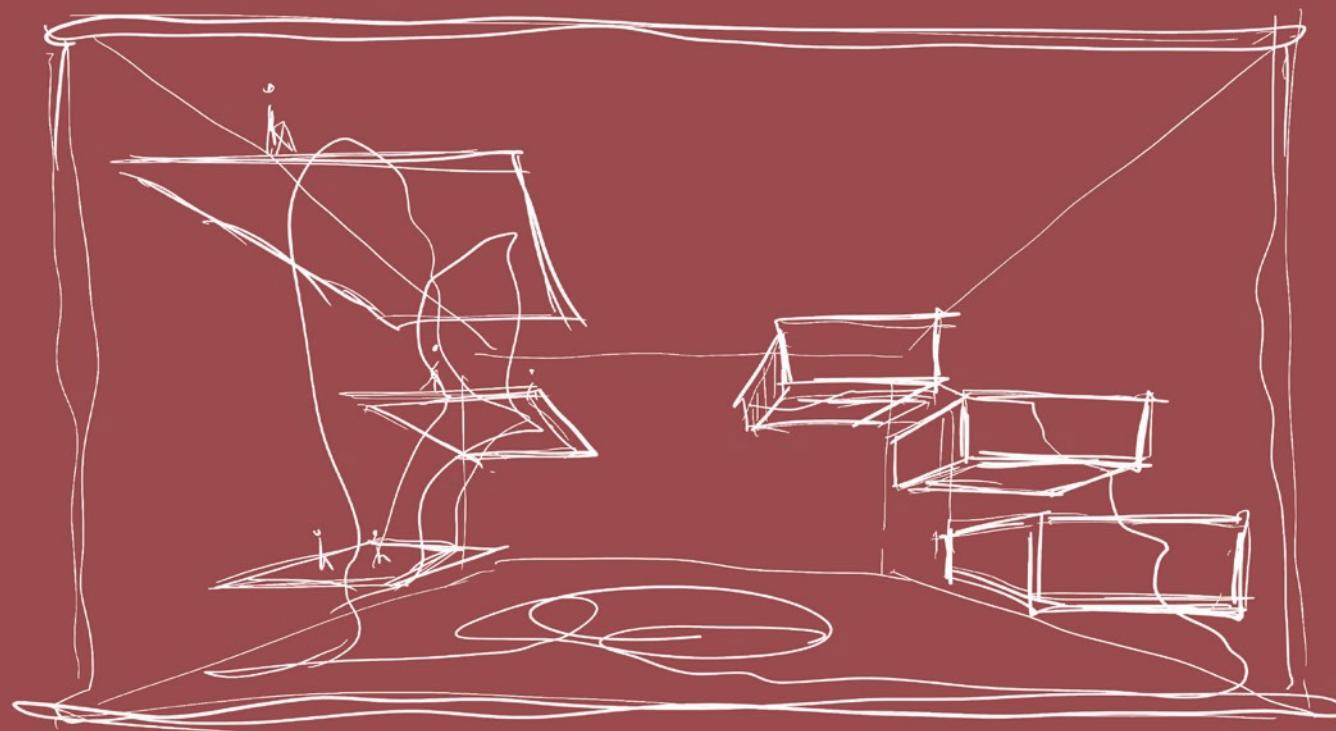
**Requires focus**

**Audiences judges the work**

**Art work absorbs audiences**



# Concept Drawing II

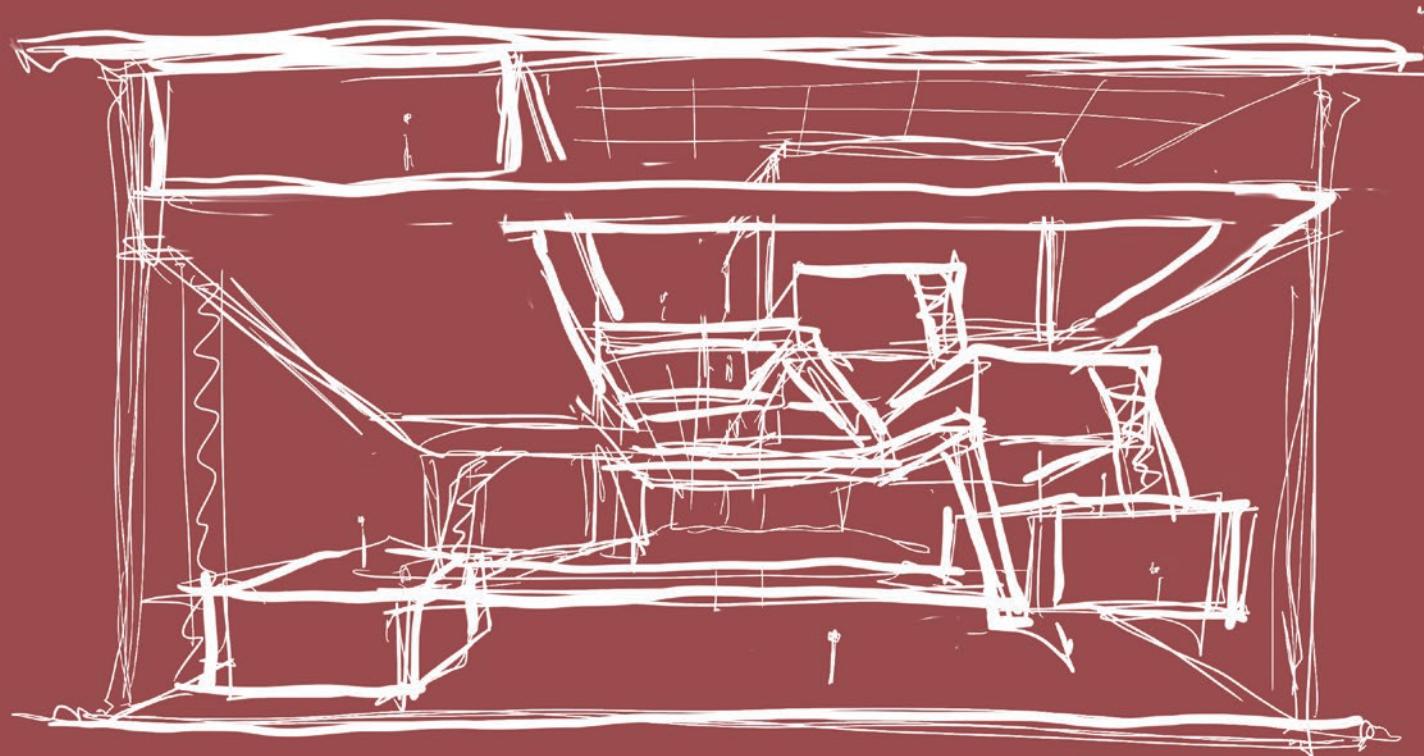


*Performing Cultural Memory*

*+*

*Multi-cultural Content*

# Concept Drawing III



**Research**

**Manifesto**

**Concept Design**

# **Design Process**

**Public Condenser**



{	Users Group I: Popular culture and lively activities	Open space for skate boarding, biking and a basketball court	Pulse 1000-1200 m <sup>2</sup>
{	Children playground		Games 500-650 m <sup>2</sup>



Users Group II:	
Normal residents in Morgenstond	Gathering spaces for different cultural background
	Hang-out space
	Cafe
	Arrival 350-400 m <sup>2</sup>
Massage	
Sauna	
Spa	Health 300-350 m <sup>2</sup>

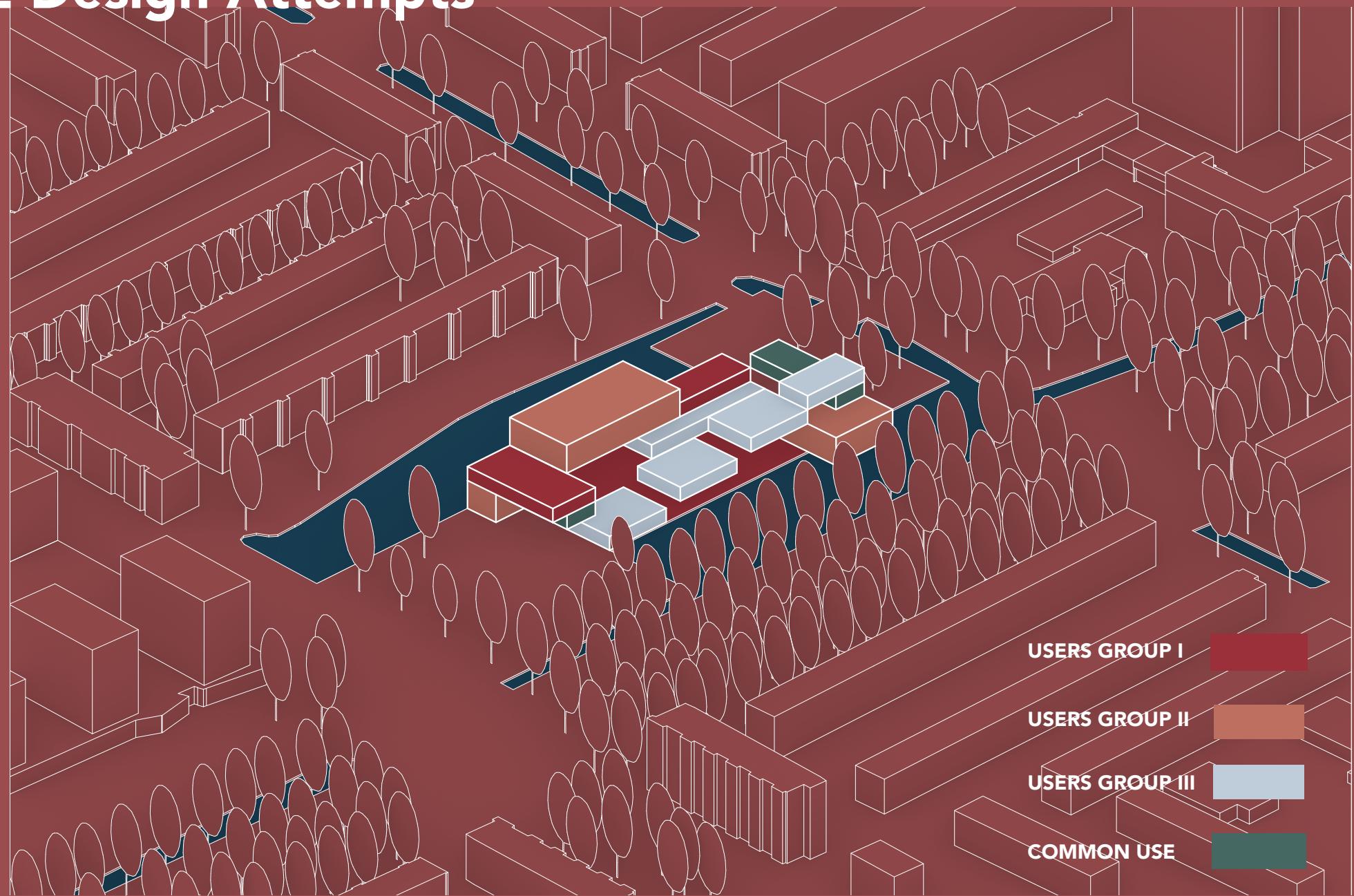


Users Group III:	Art Gallery	Art
High Culture and		300-400 m <sup>2</sup>
Quiet activities	Library	Think
		300-400 m <sup>2</sup>
	Yoga or other quiet exercise	Zen
		100-150 m <sup>2</sup>

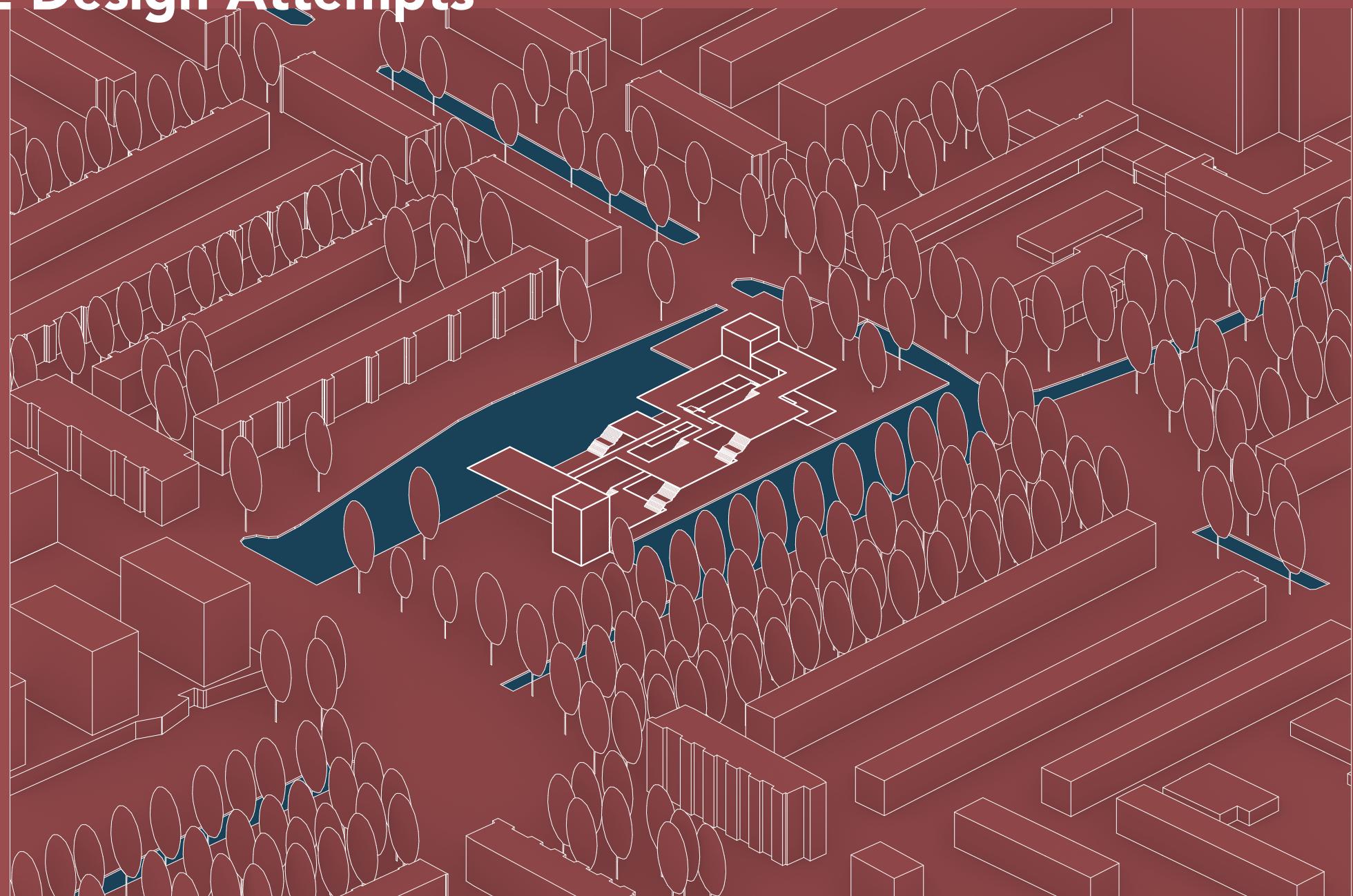


Common used functions:	Office	Administration 100-150 m <sup>2</sup>
	Performance	Performance 350-400 m <sup>2</sup>
	Multifunctional room or class room	Think 200-300 m <sup>2</sup>

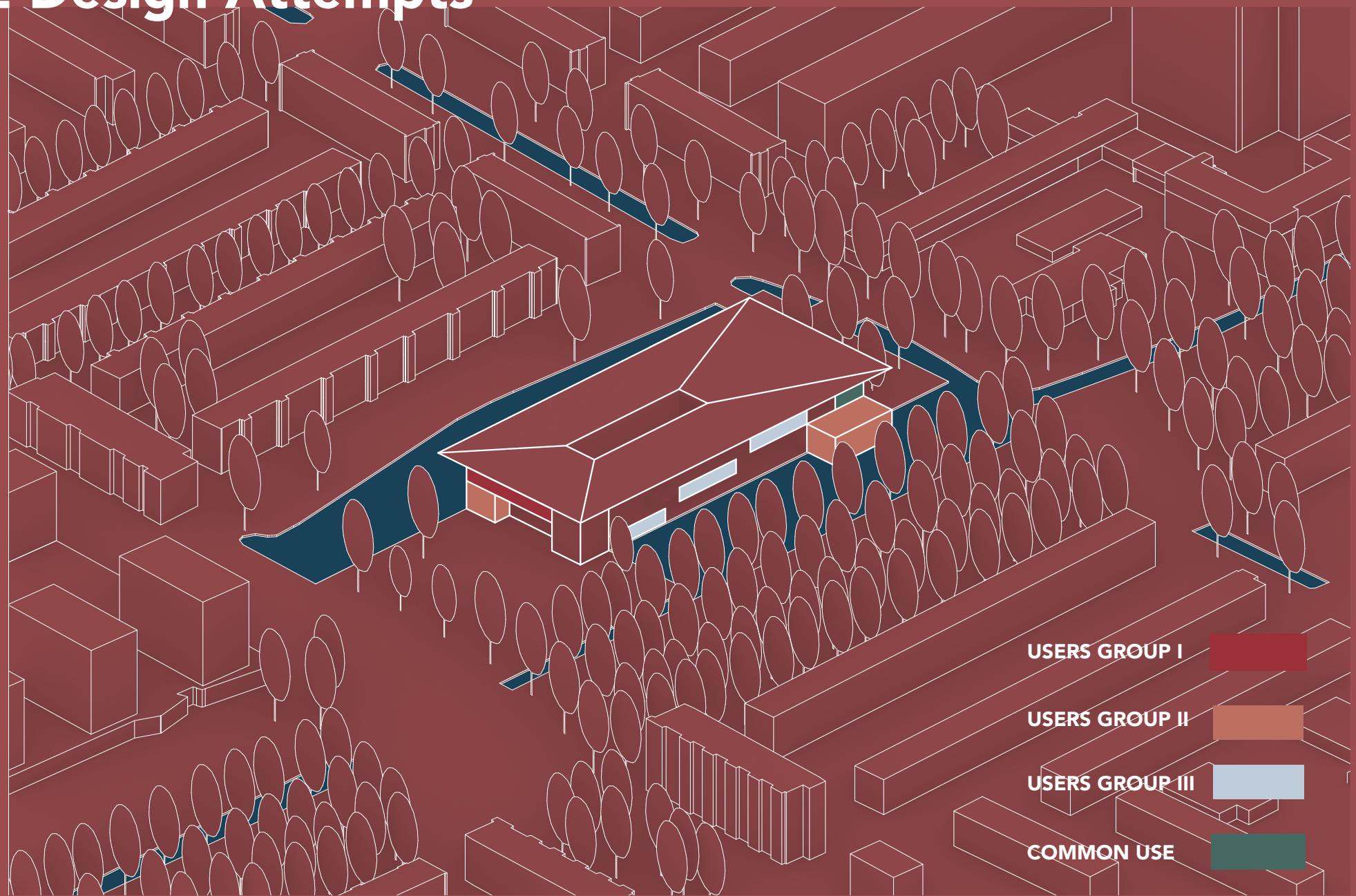
## P2 Design Attempts



## P2 Design Attempts



## P2 Design Attempts



# P2 Design Attempts



# Reflection

## Pros:

**The idea of the cultural container is very clear;**

**Pop-cultural like atmosphere is in someway connect the building to the city;**

**Roof serves as a welcoming gesture could work well;**

**Circulation system is easy to use and clear;**

**The visual connection between inside and outside is strong;**

**Functional programmes covers people from all ages;**

## Cons:

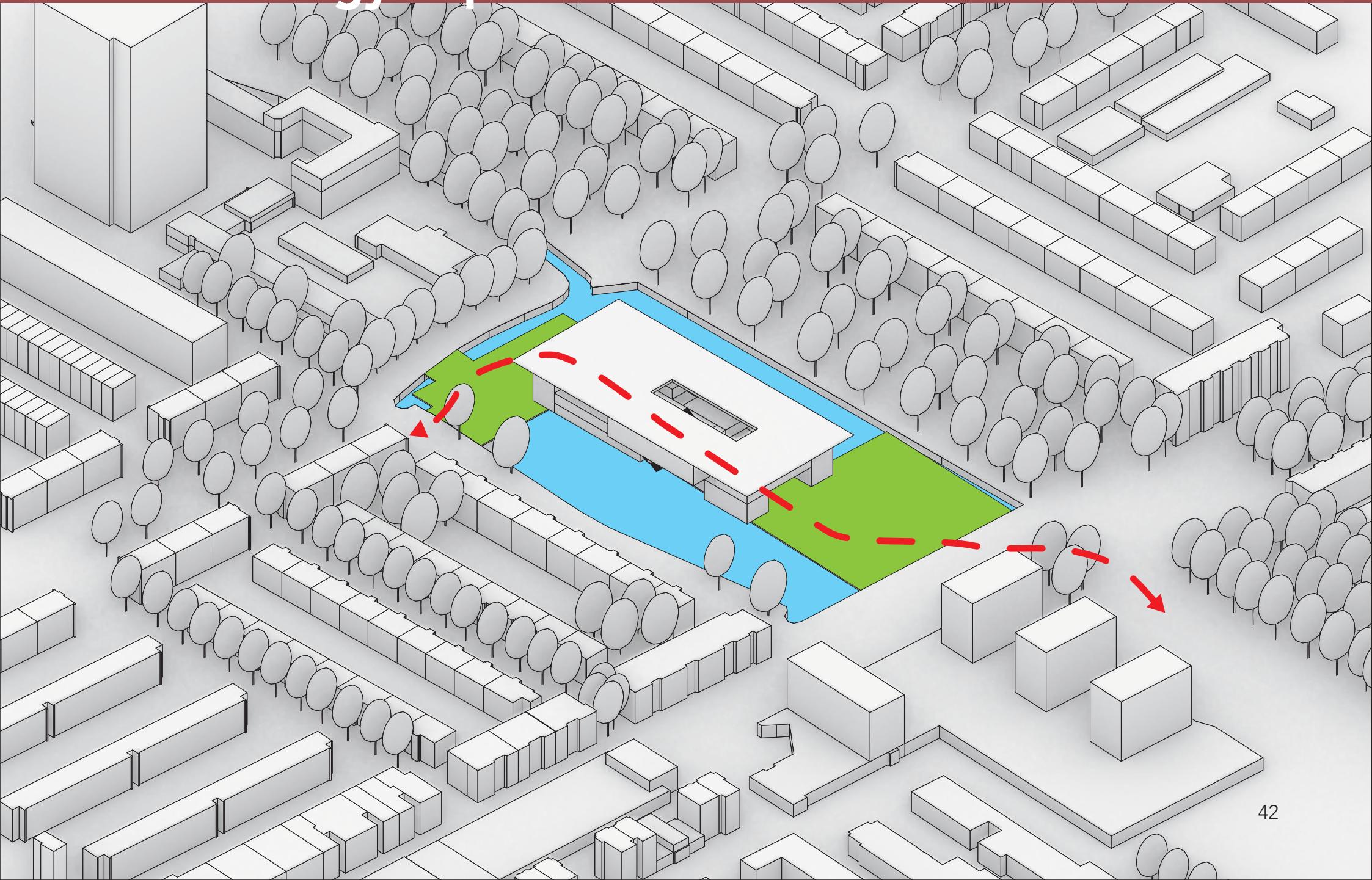
**The Public Condenser put itself at the centre of the park which makes the park disappear;**

**The idea of using the facade as a display of cultural collage makes the building a monument rather than a place for people to have fun;**

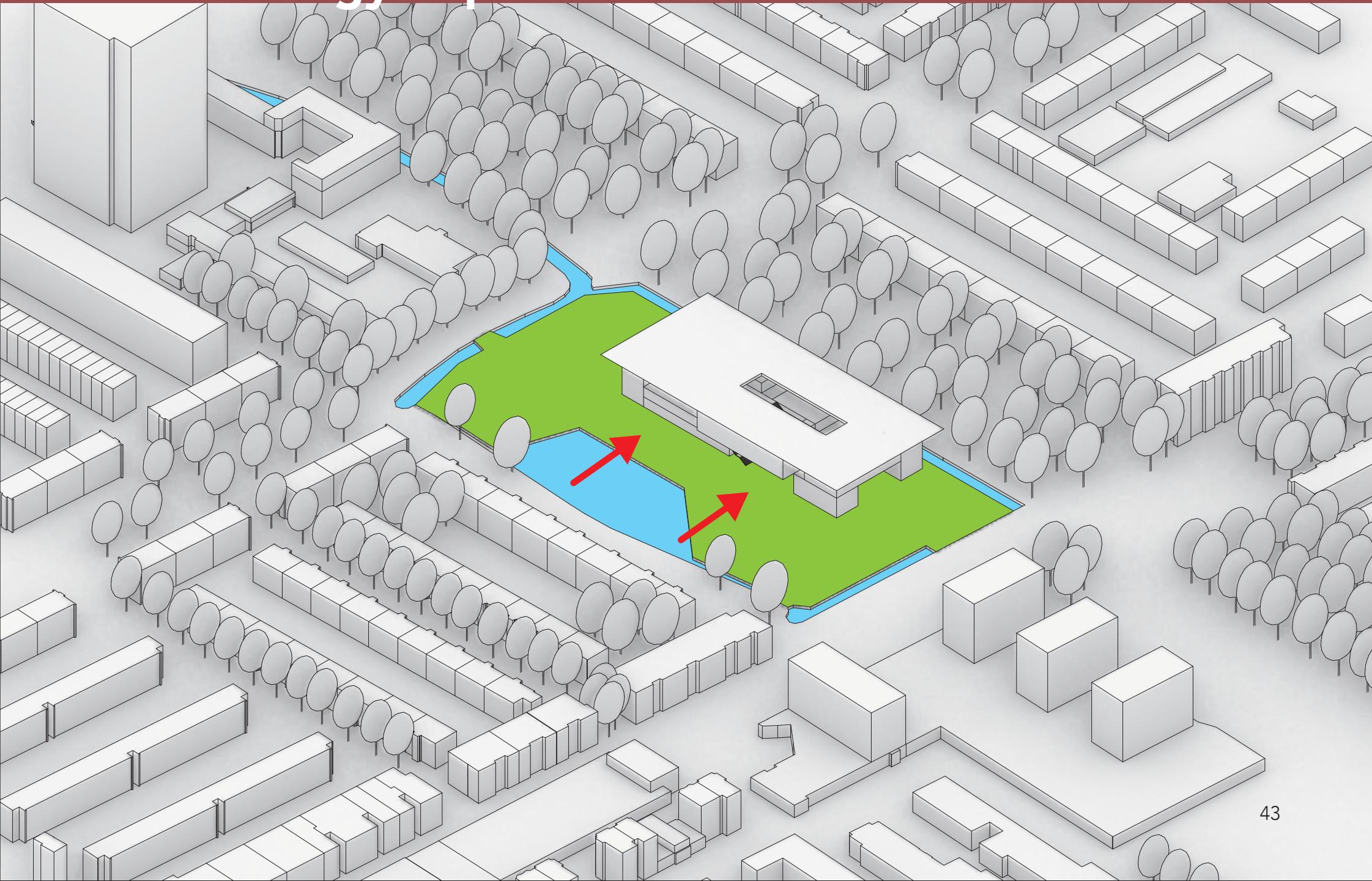
**The functional programme boxes which floating inside the building creates difficulties for visitors to access and interact;**

**The footprint of the building is very large but it didn't use the space it occupied efficiently enough**

# Urban Strategy Improvement



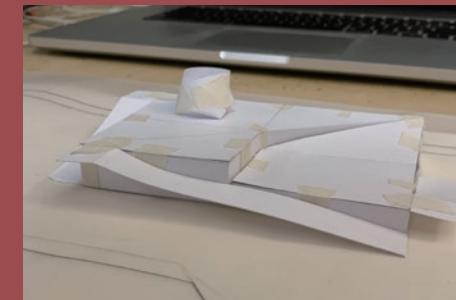
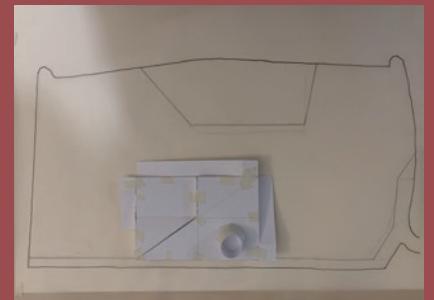
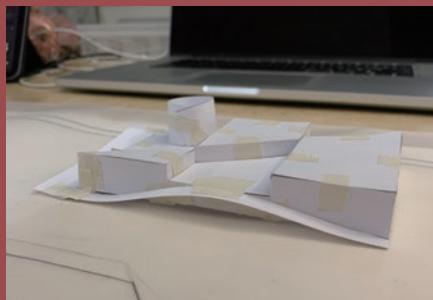
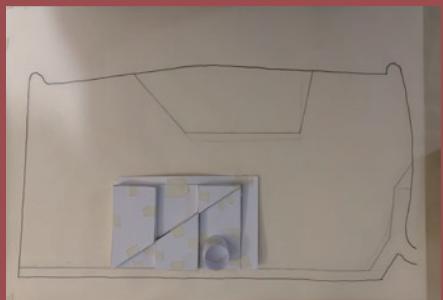
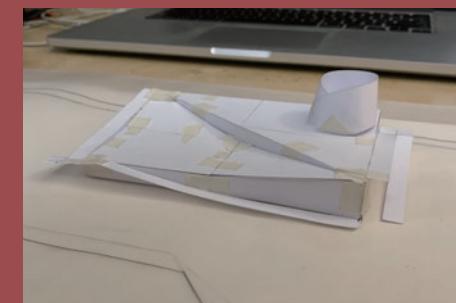
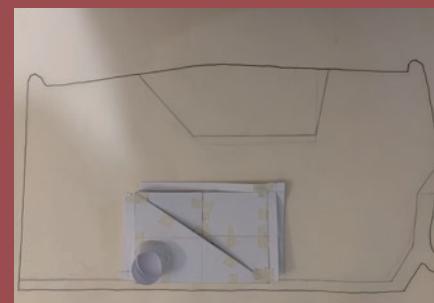
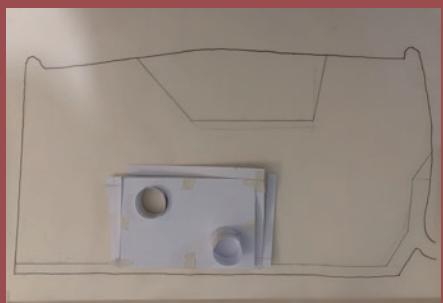
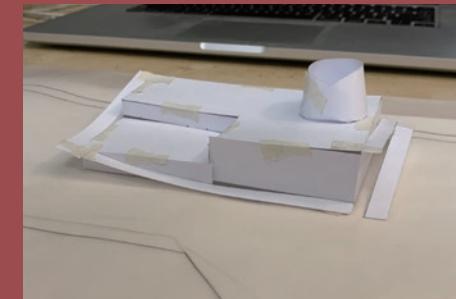
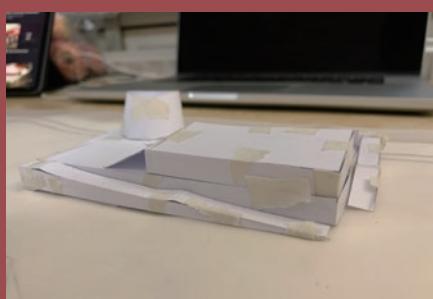
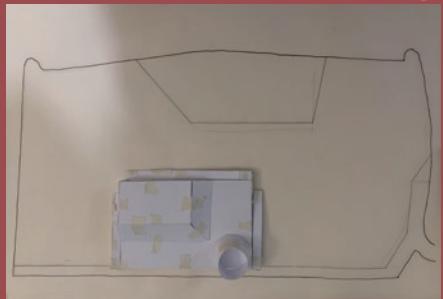
# Urban Strategy Improvement



# Urban Strategy Improvement



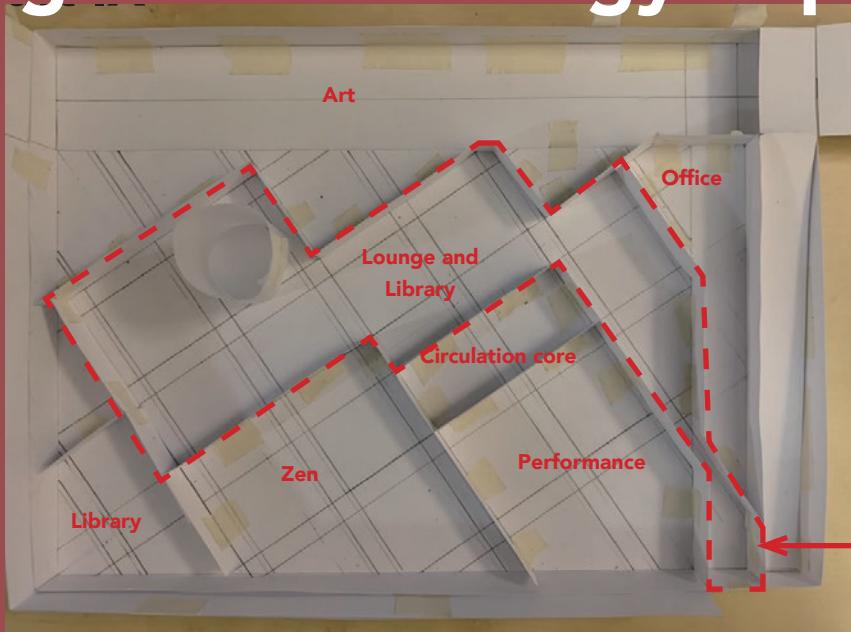
# Urban Strategy Improvement



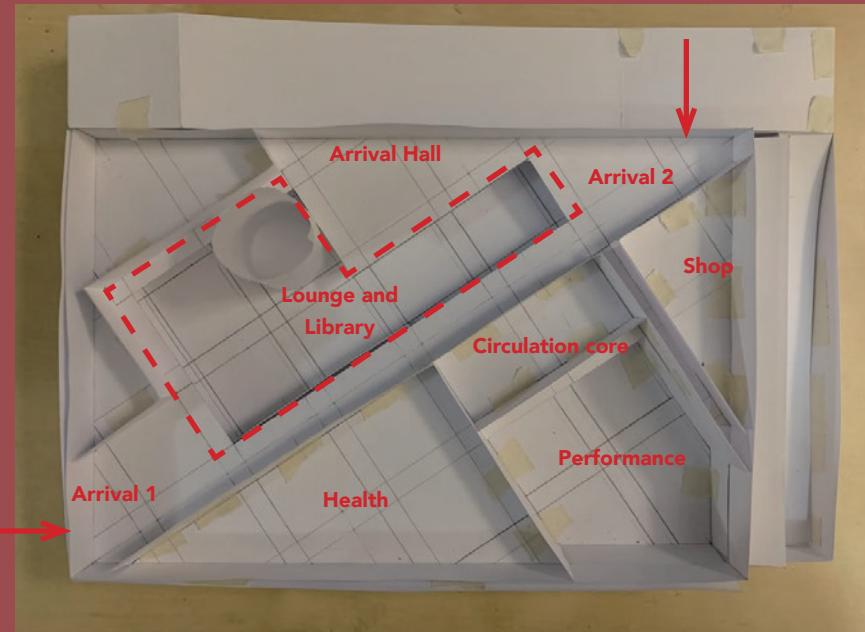
# Programme Strategy Improvement



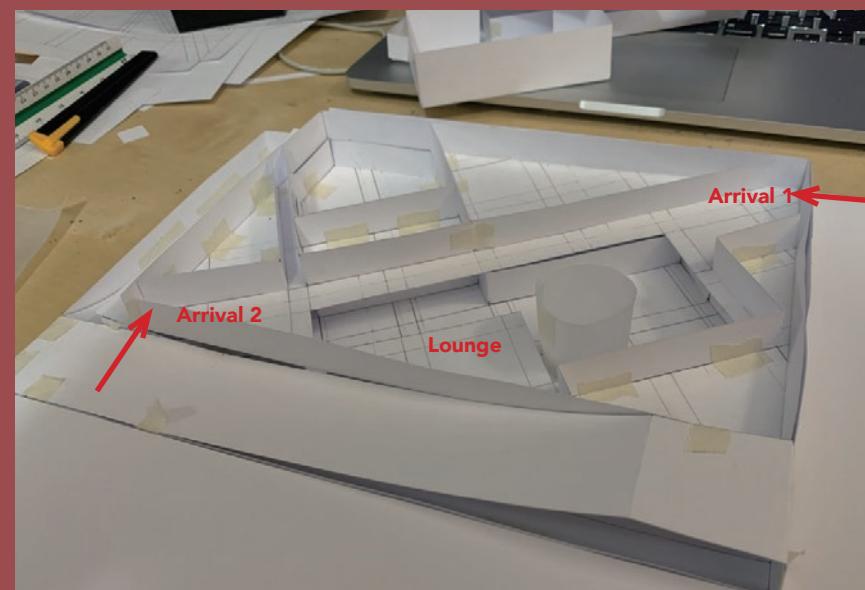
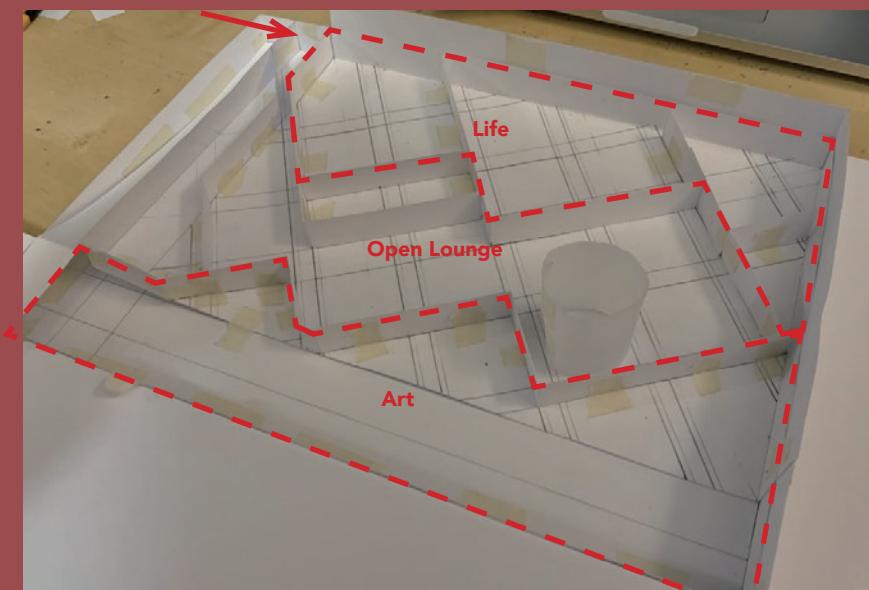
# Programme Strategy Improvement



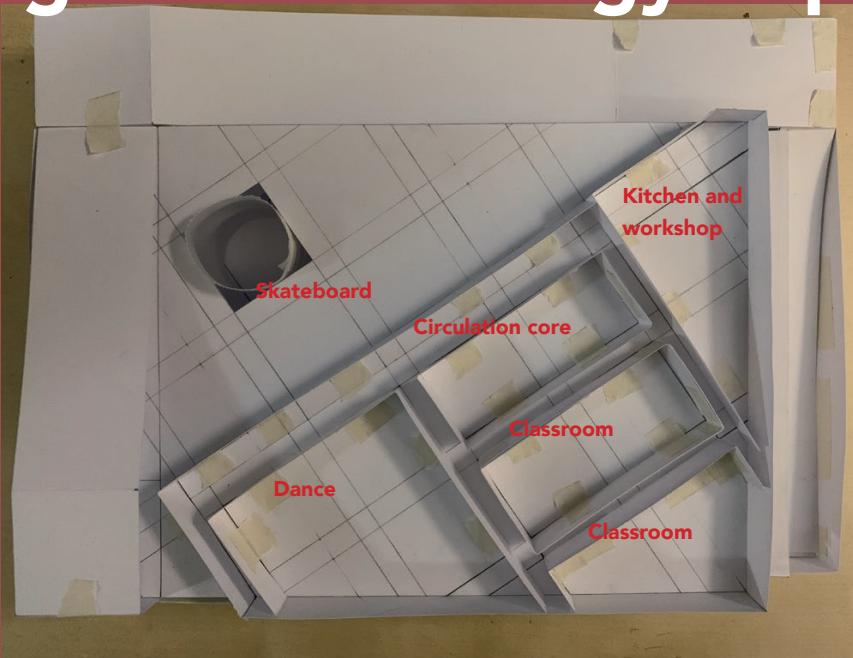
Basement level plan



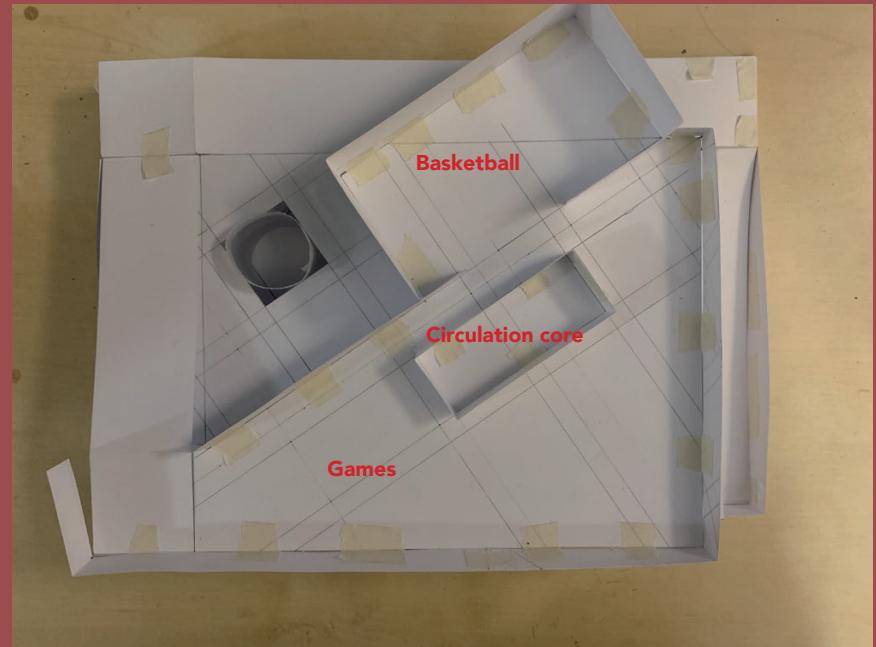
Ground Floor Plan



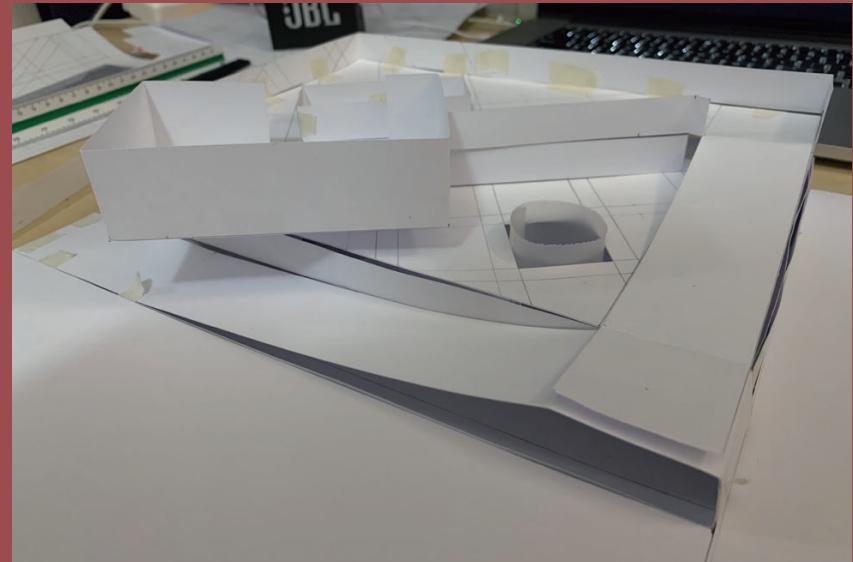
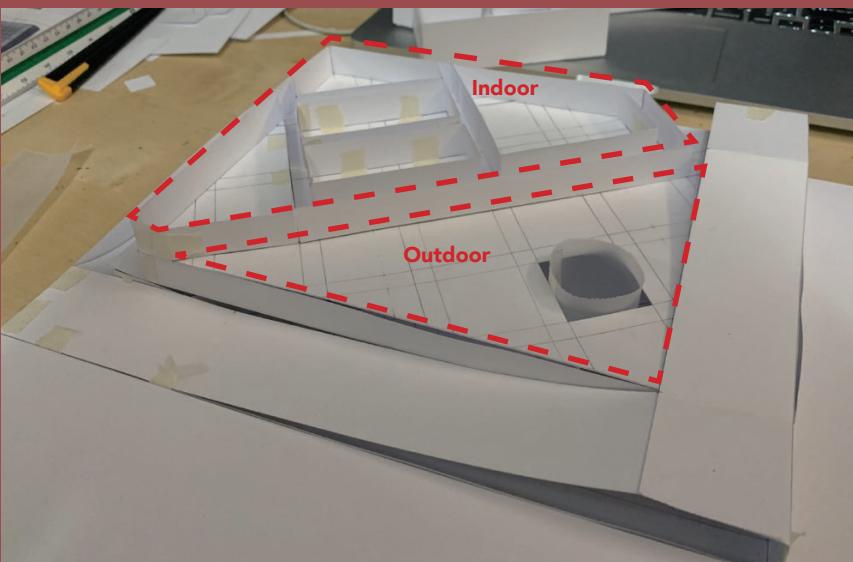
# Programme Strategy Improvement



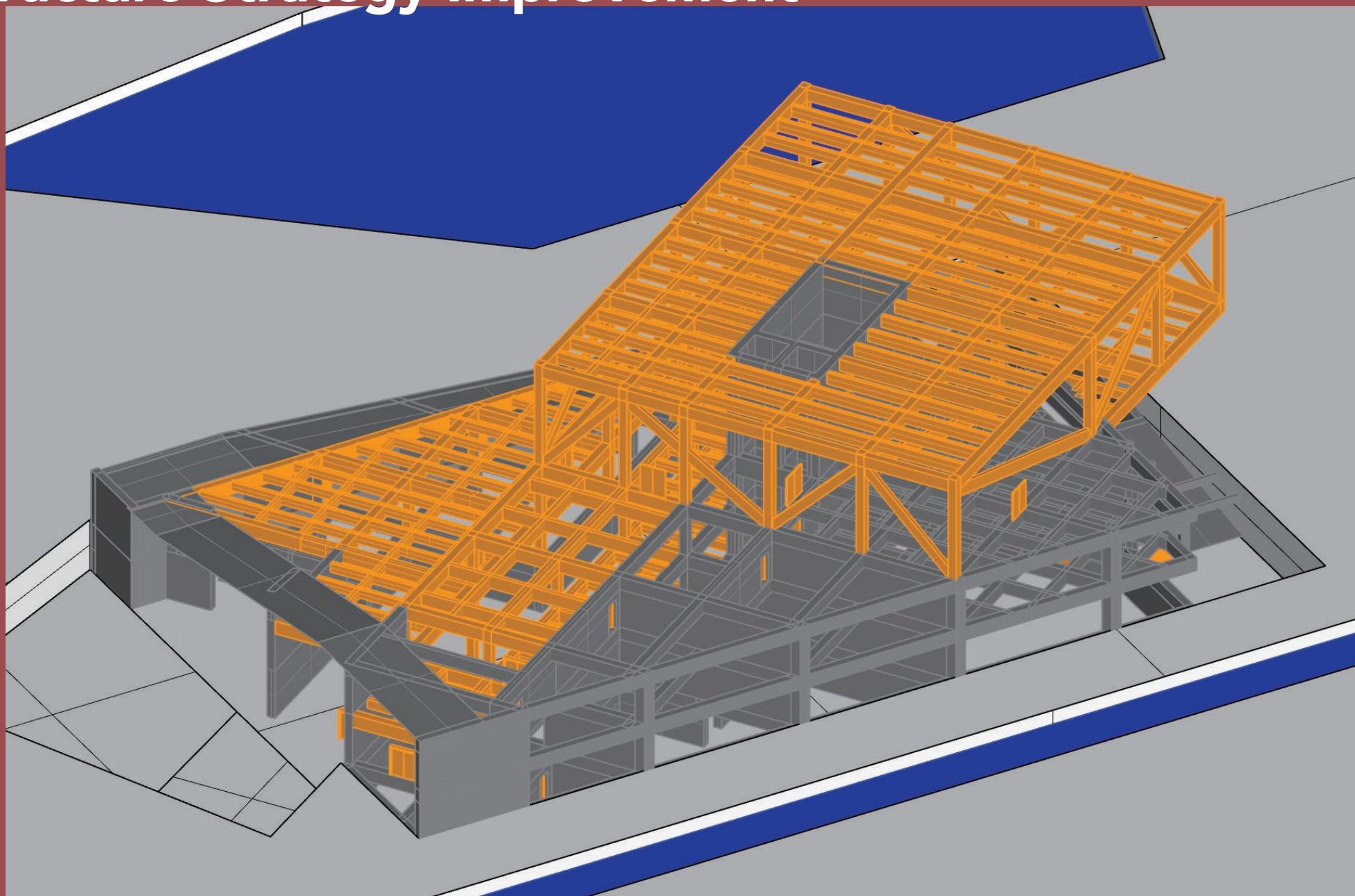
First Floor Plan



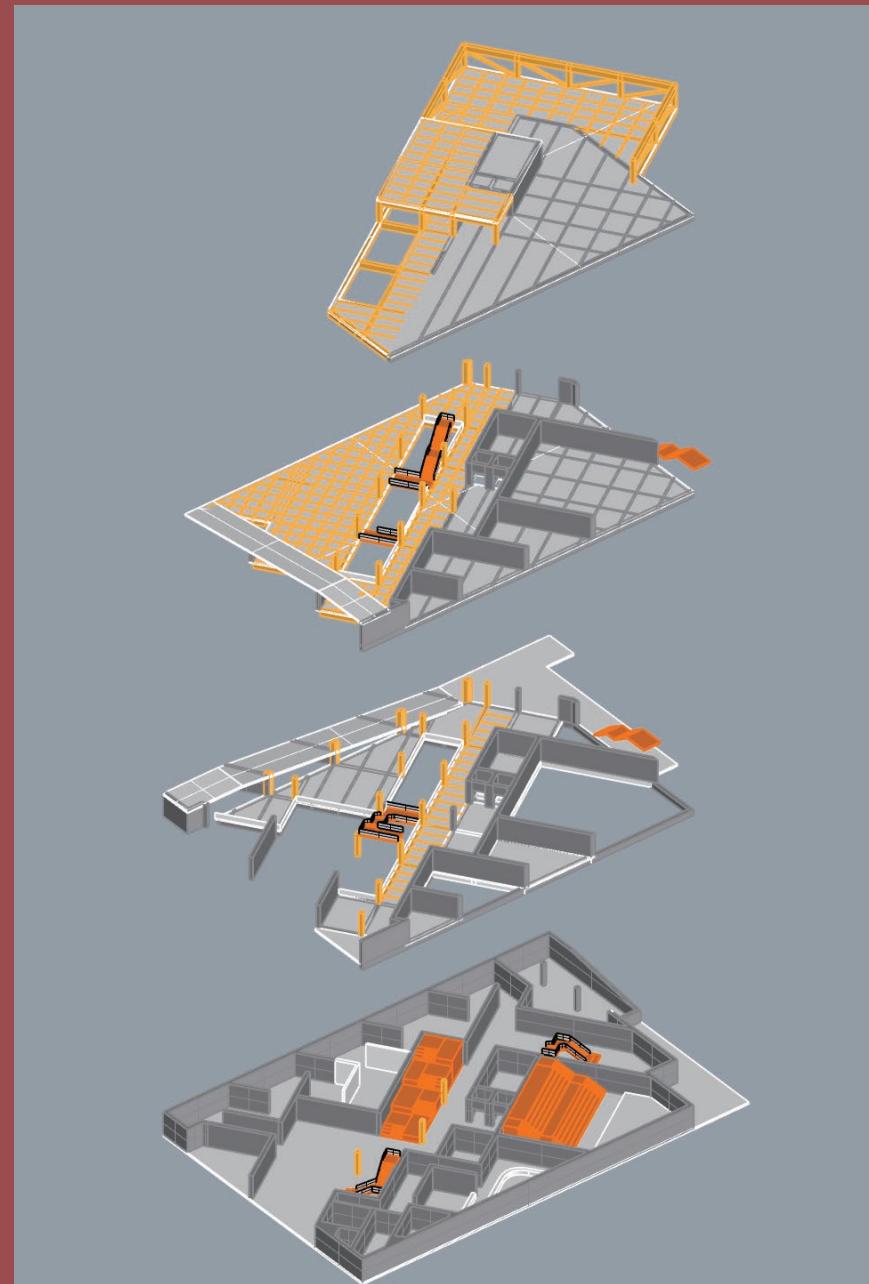
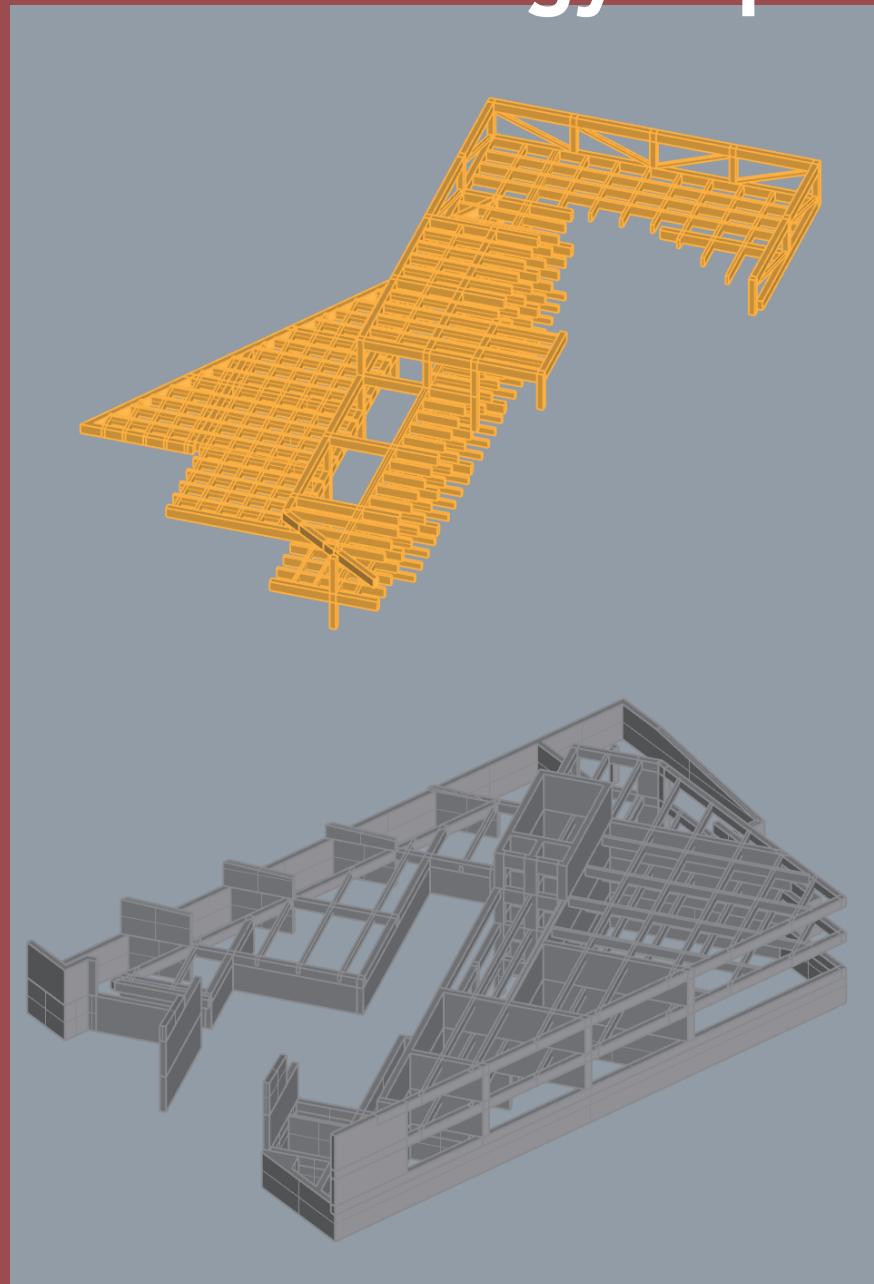
Roof Plan



# Structure Strategy Improvement



# Structure Strategy Improvement



**Research**

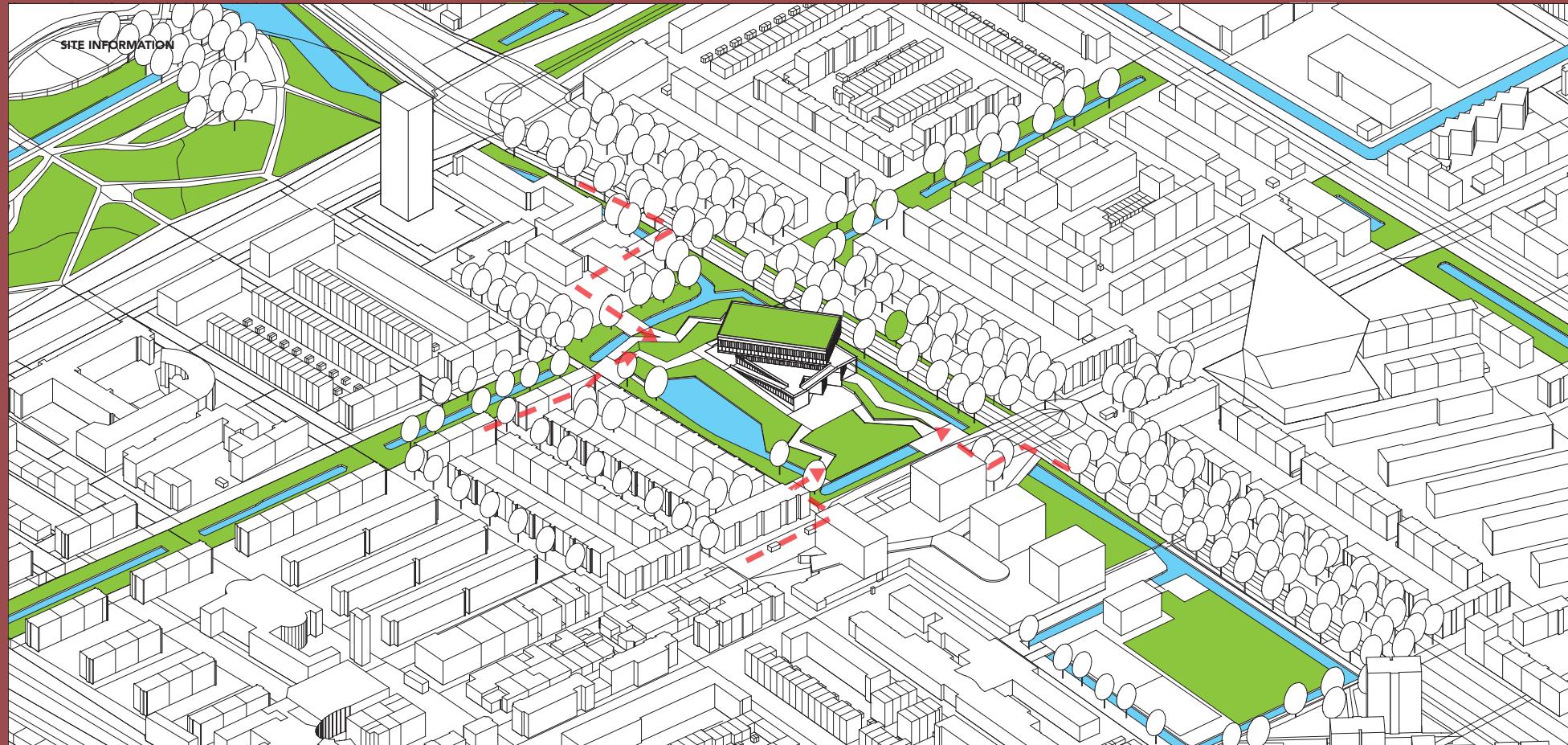
**Manifesto**

**Concept Design**

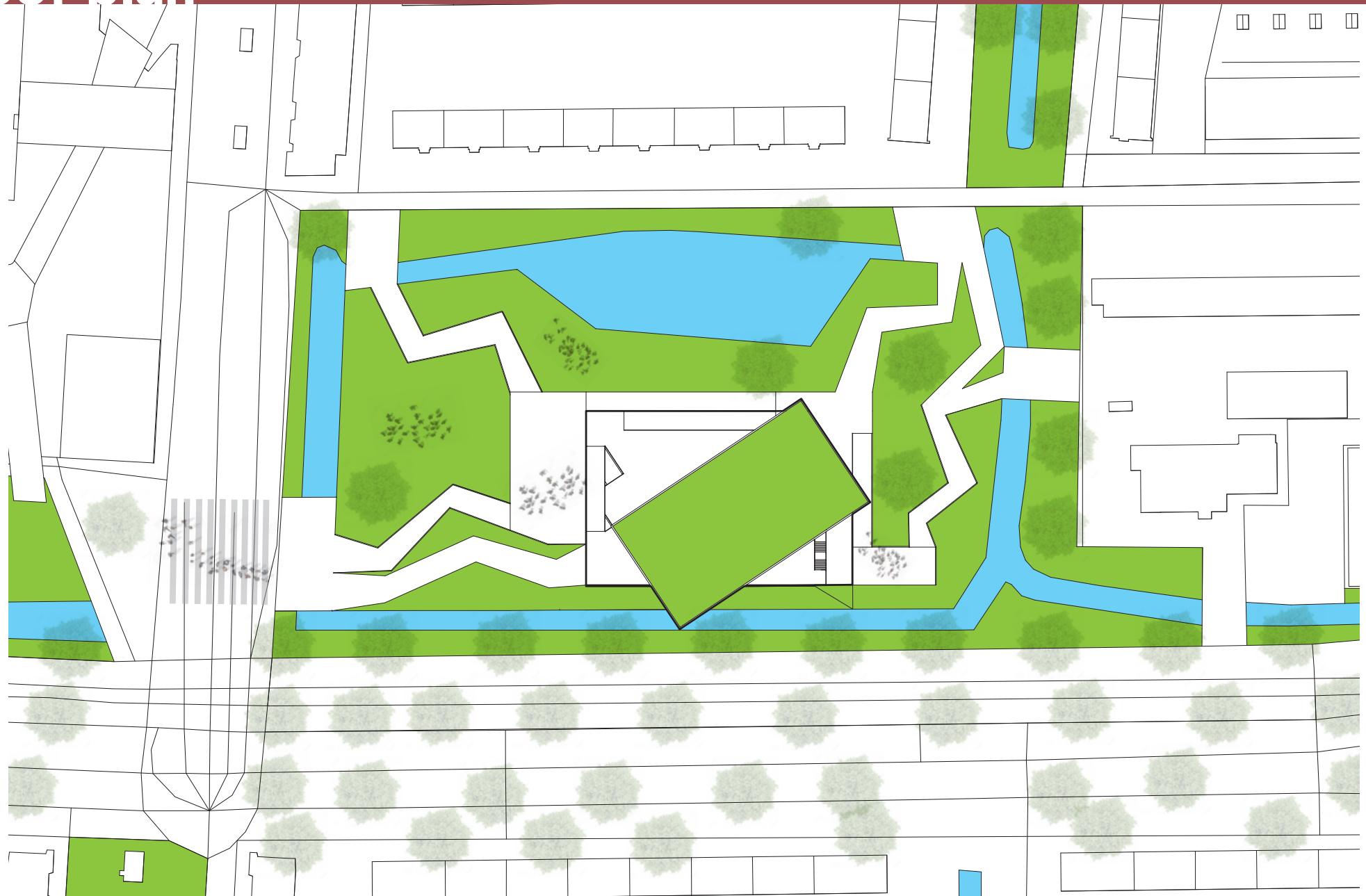
**Design Process**

**Public Condenser**

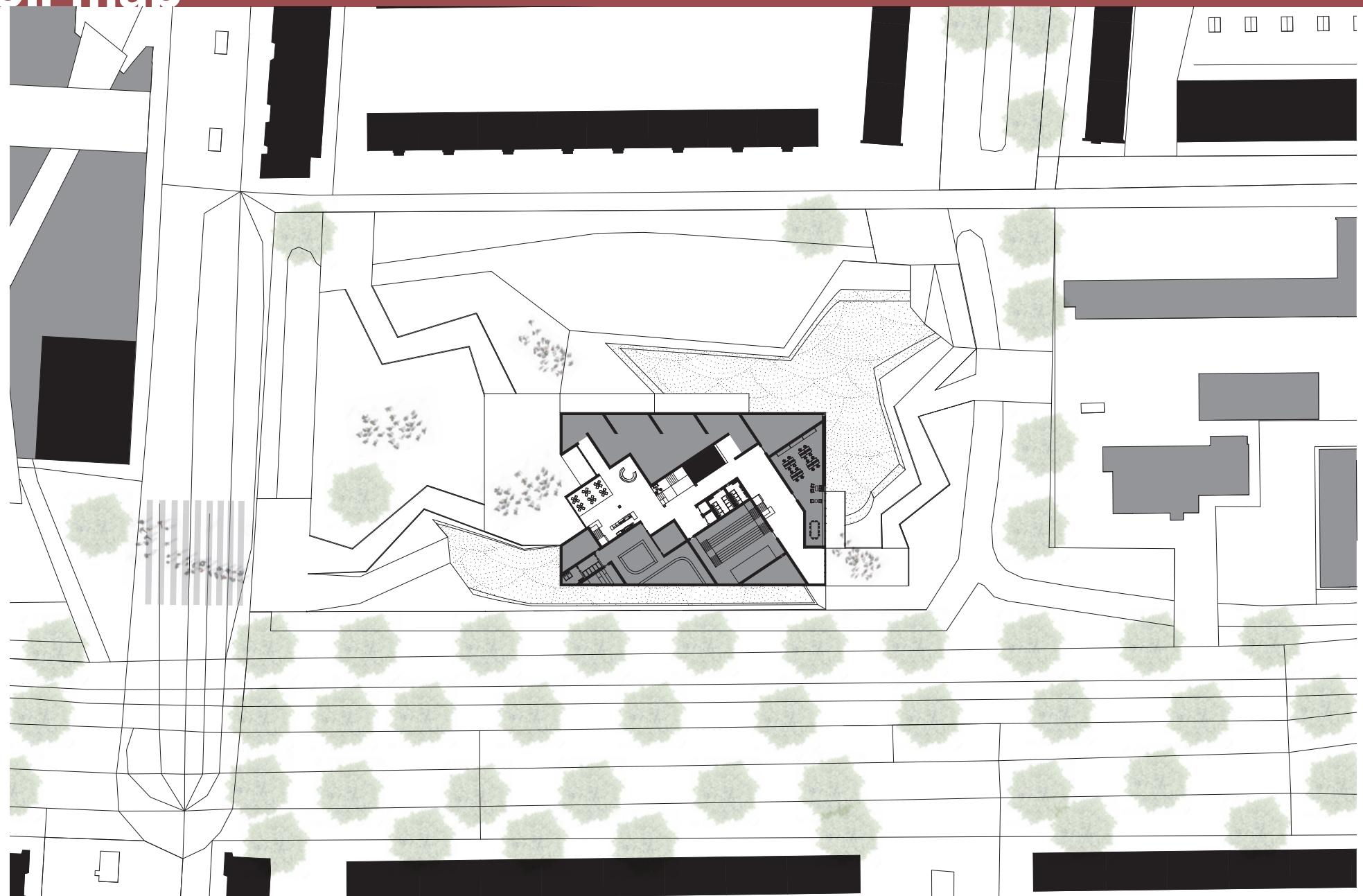
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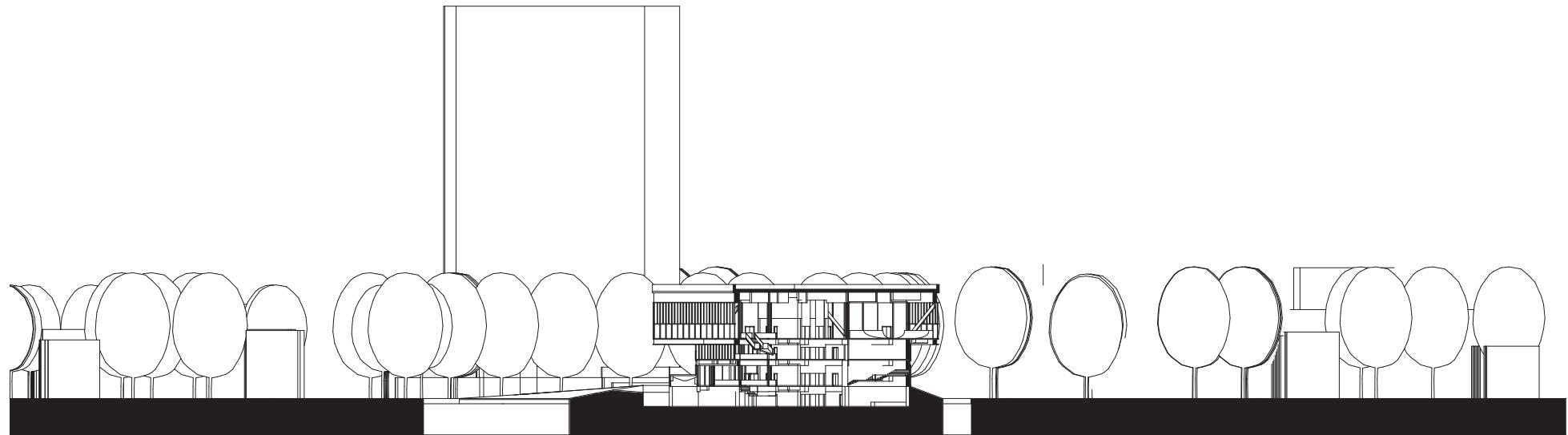
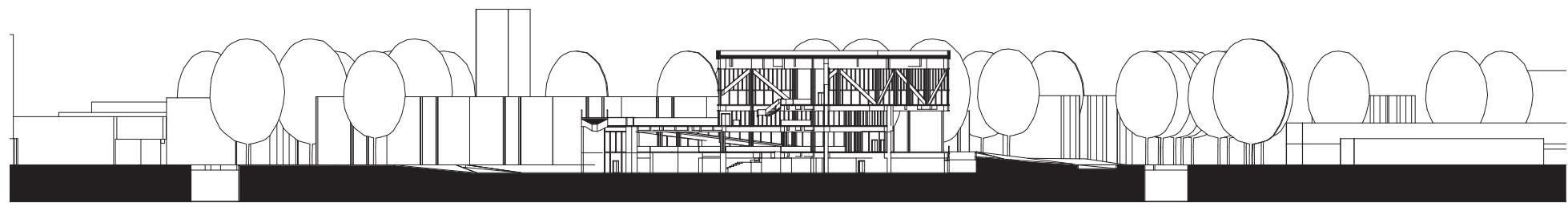
# Roof plan



# Noli map



# Cross cut



# Perspective



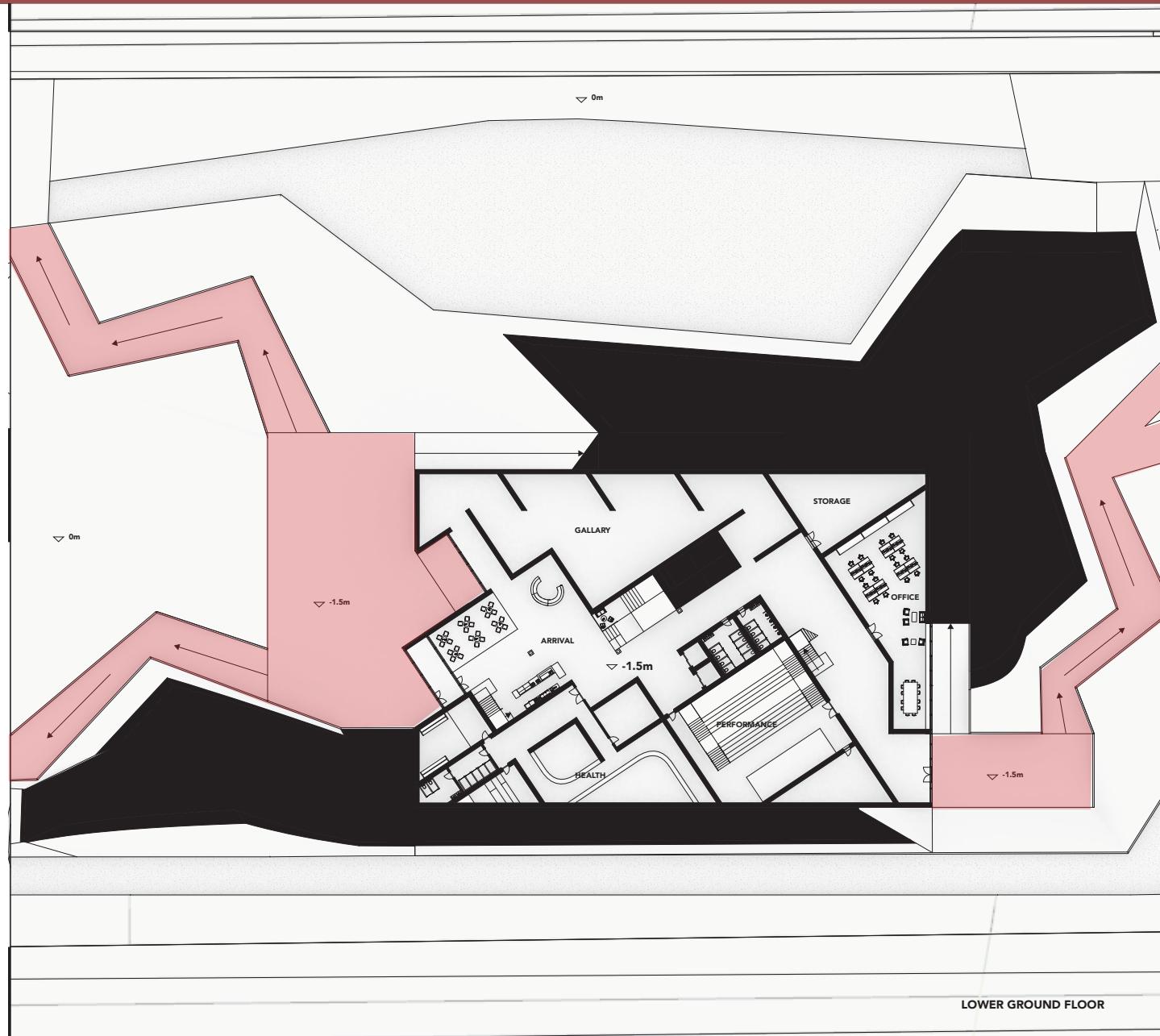
# Perspective



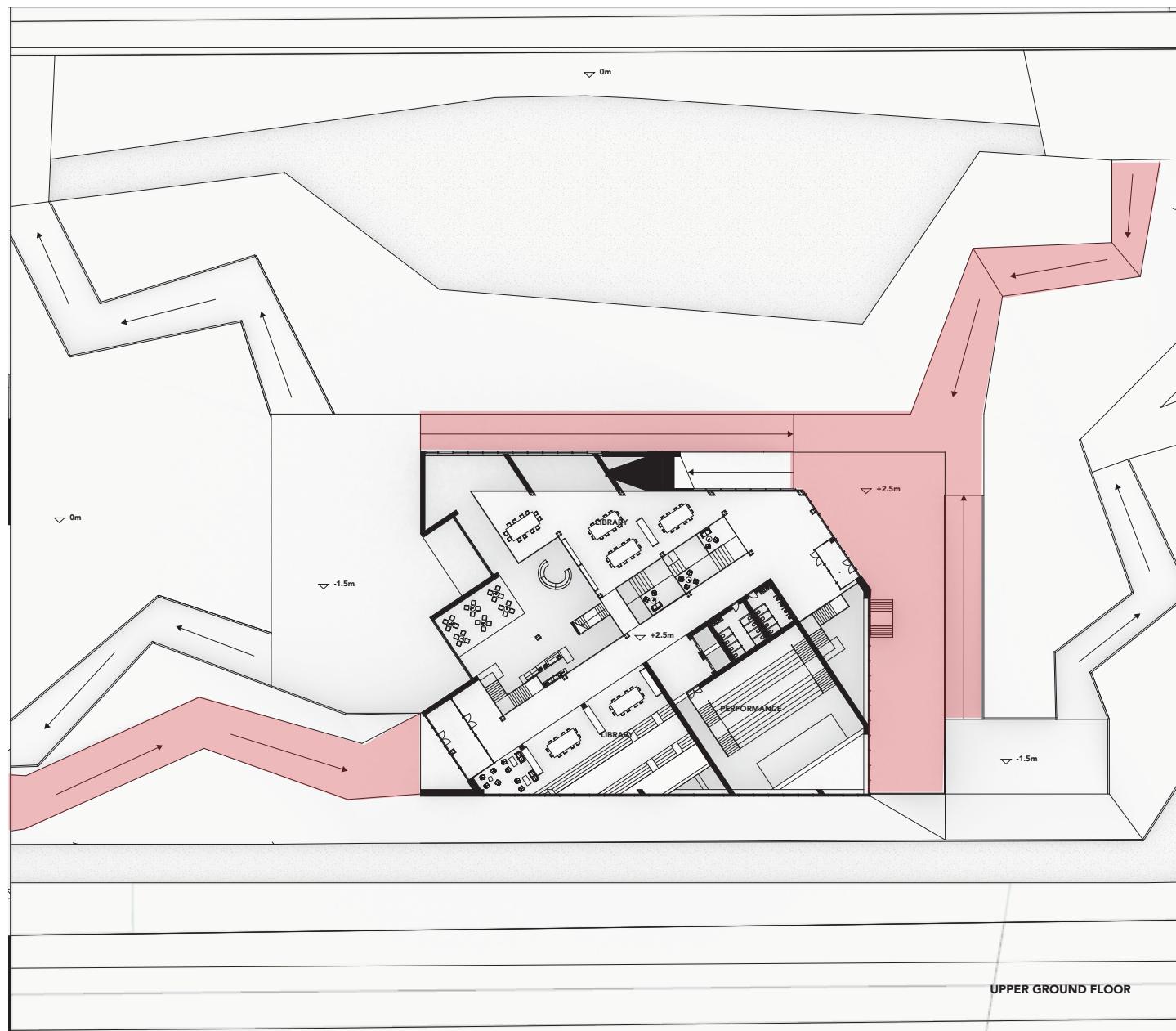
# Perspective



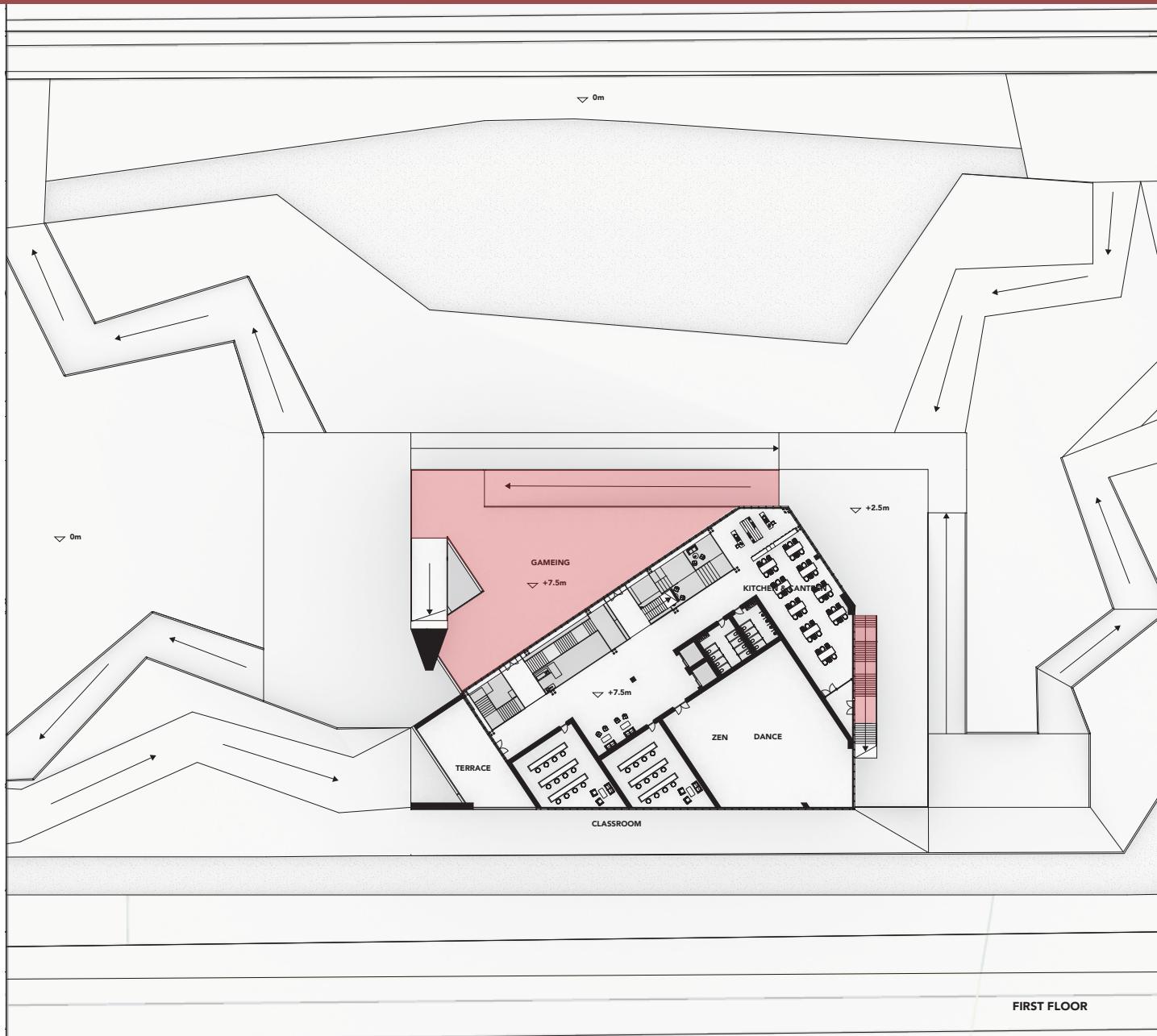
# Plans



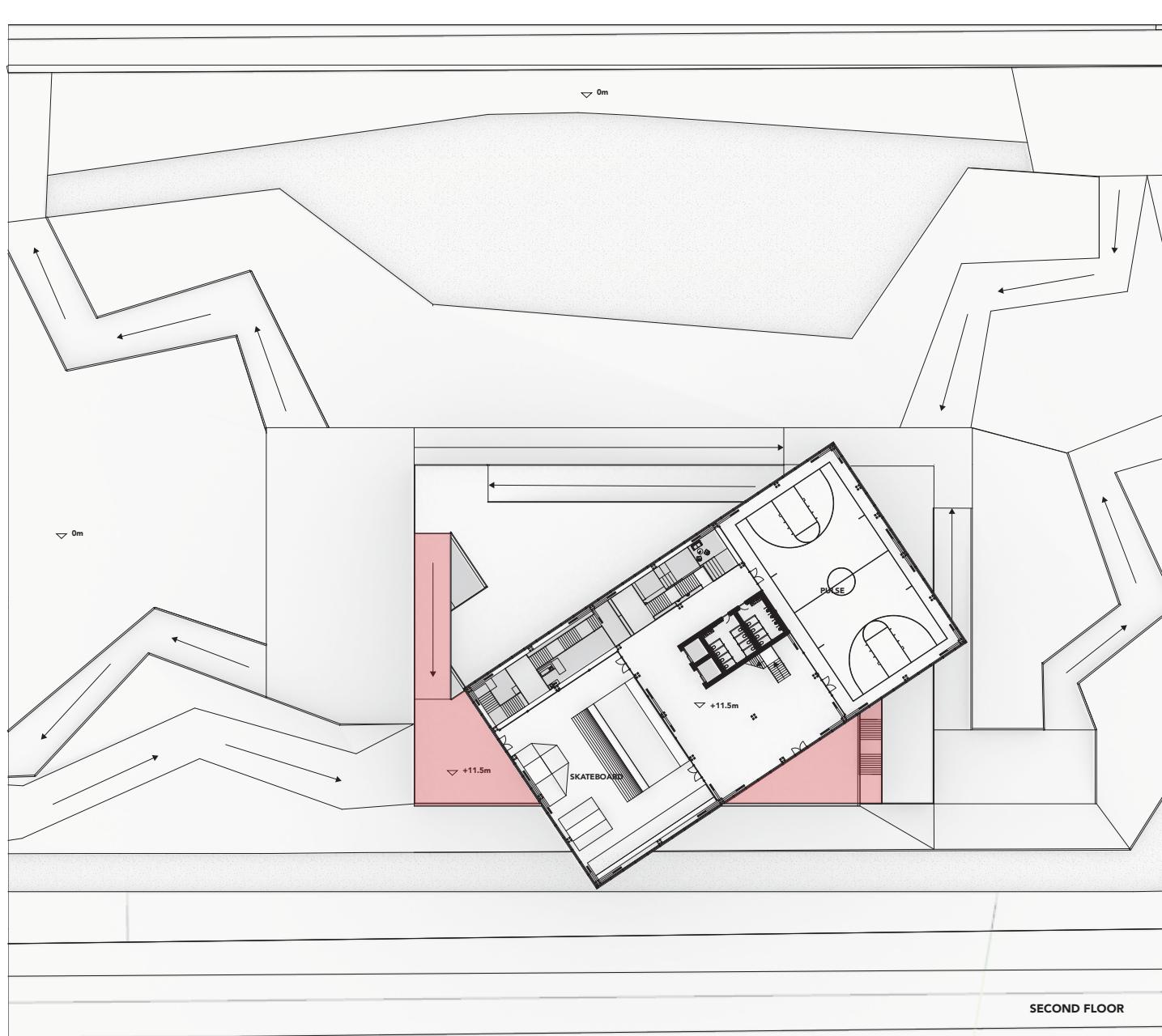
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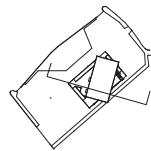
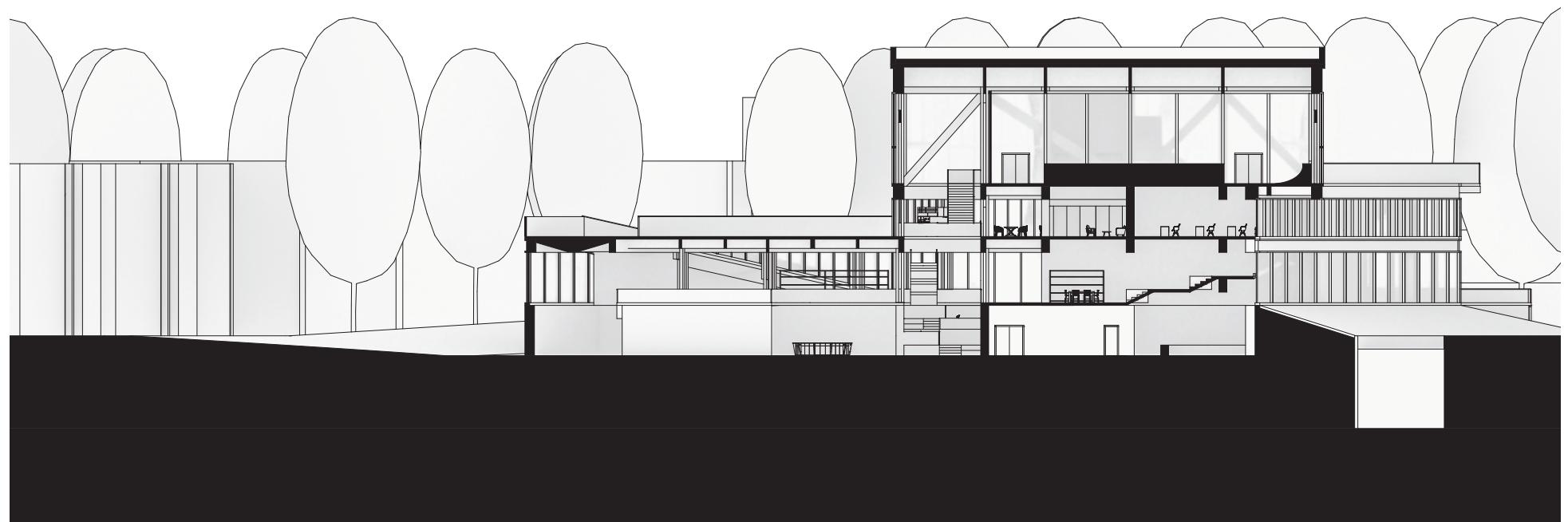
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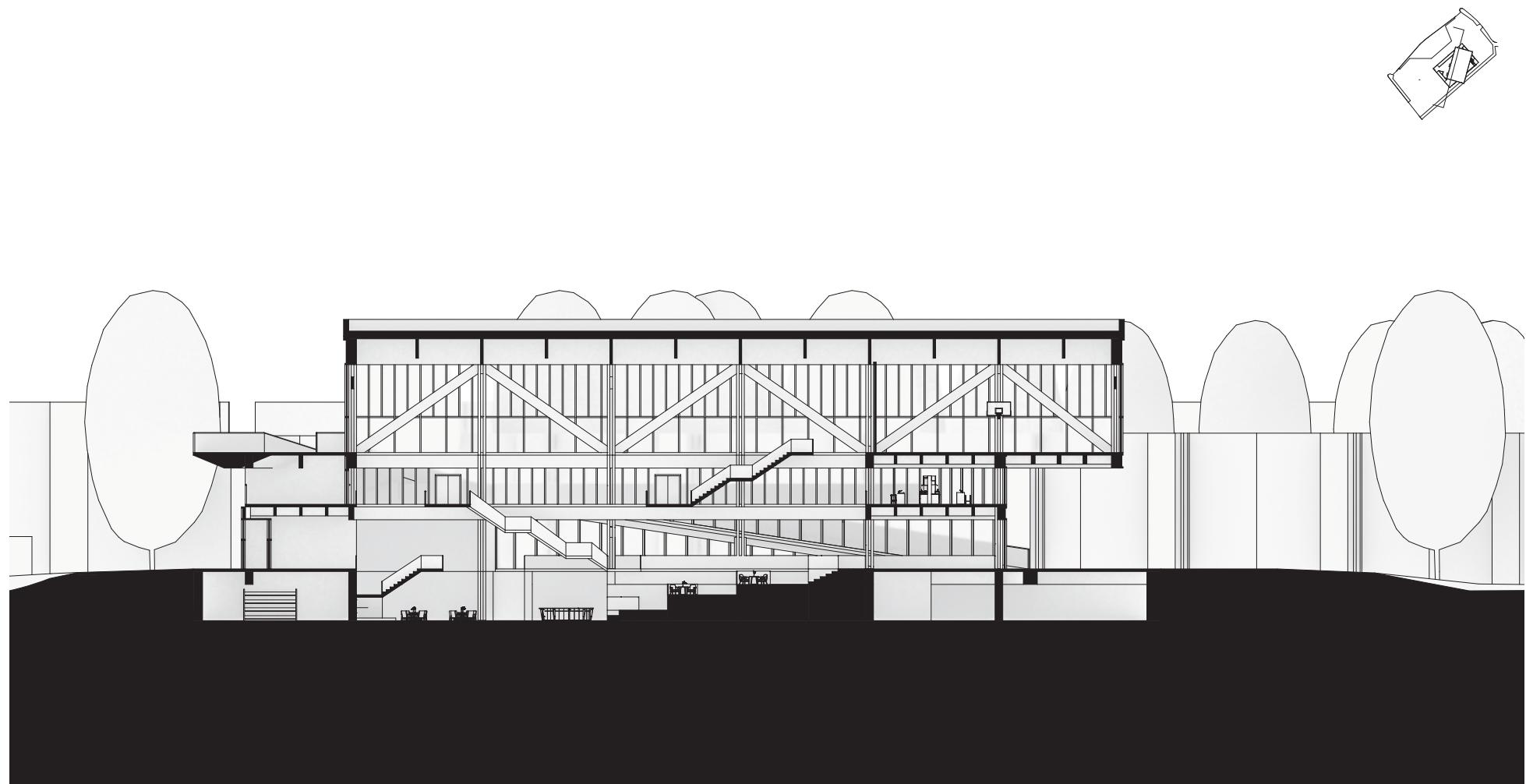
# Plans



# Sections



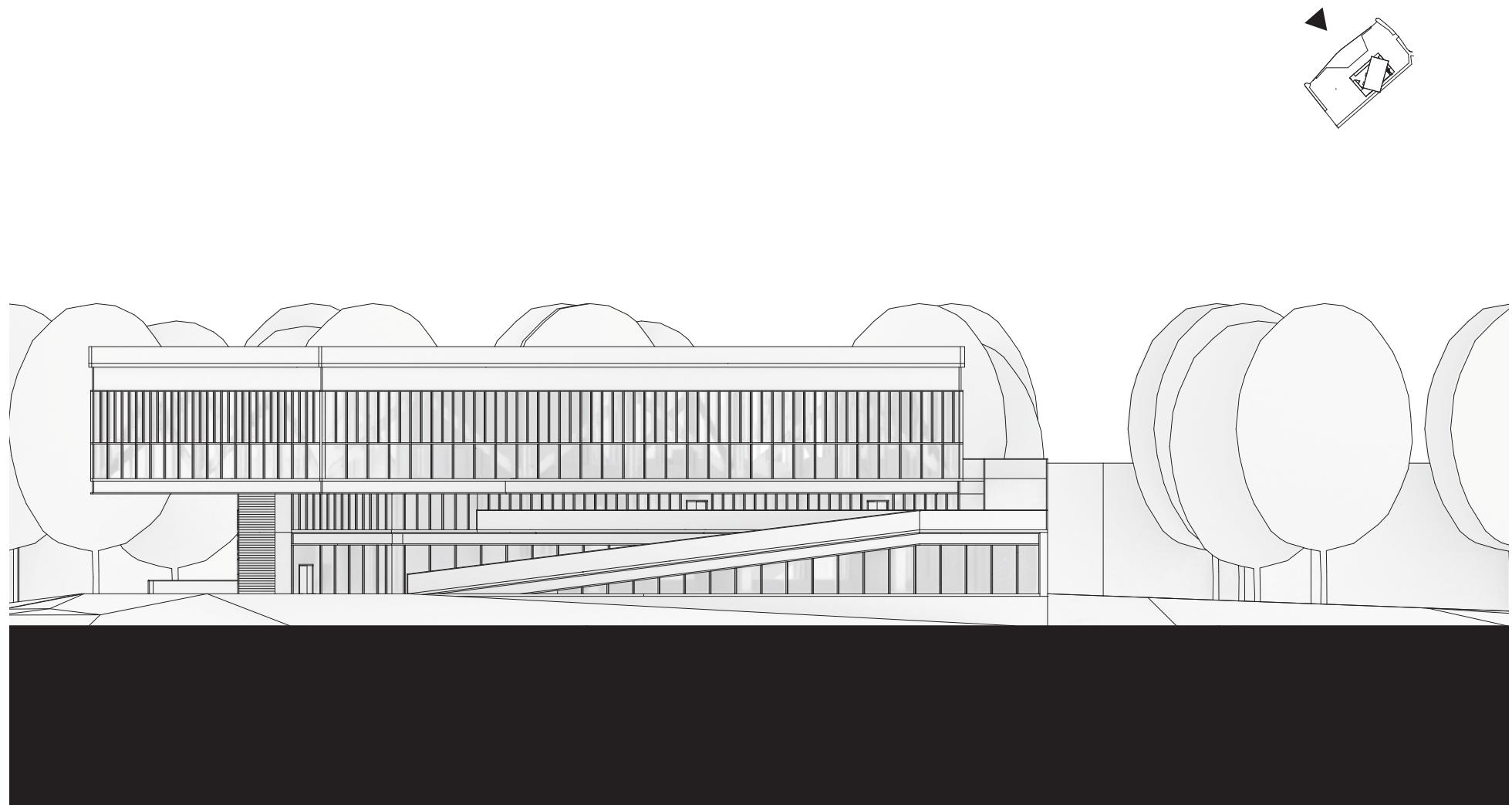
# Sections



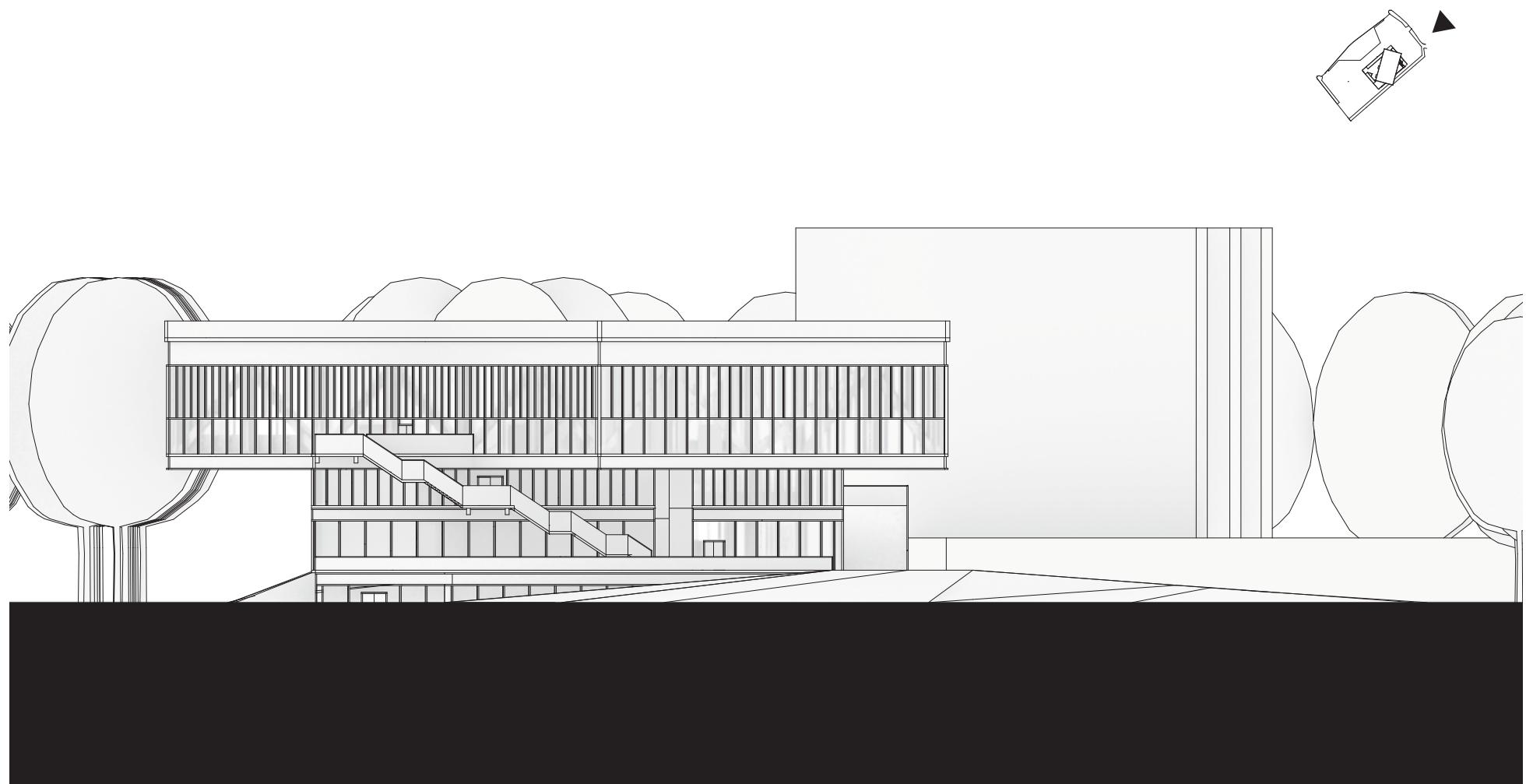
# Elevations



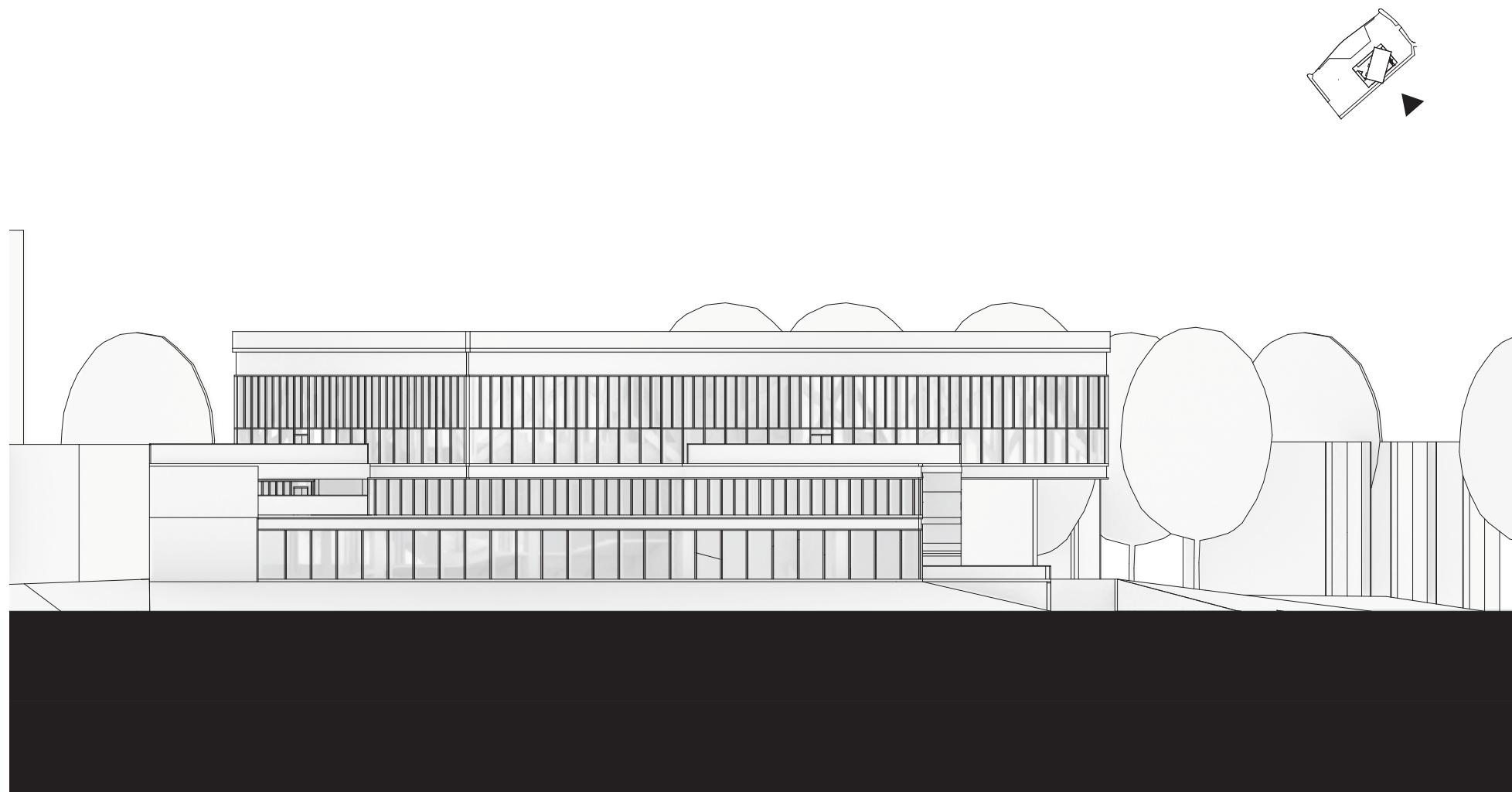
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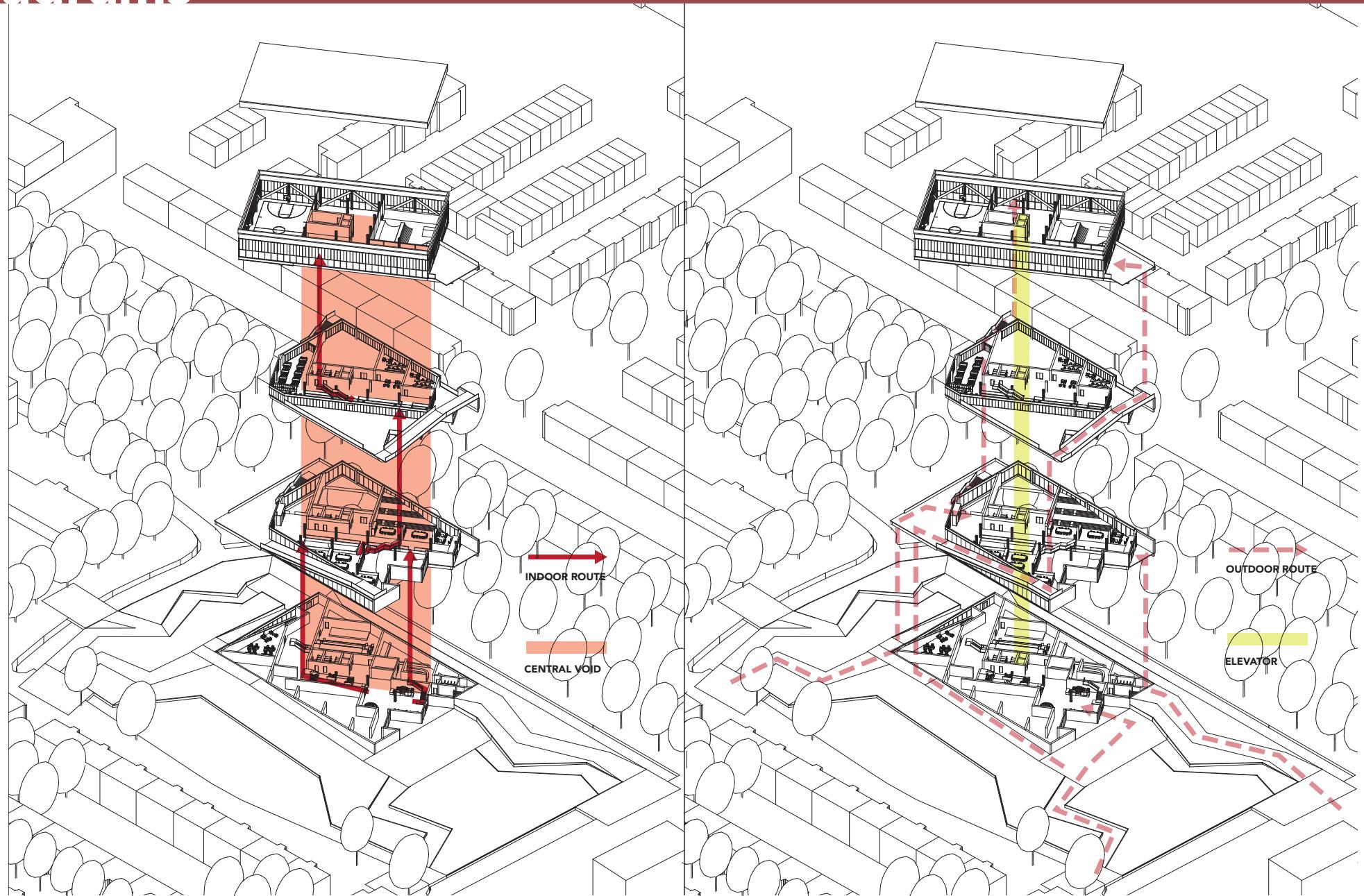
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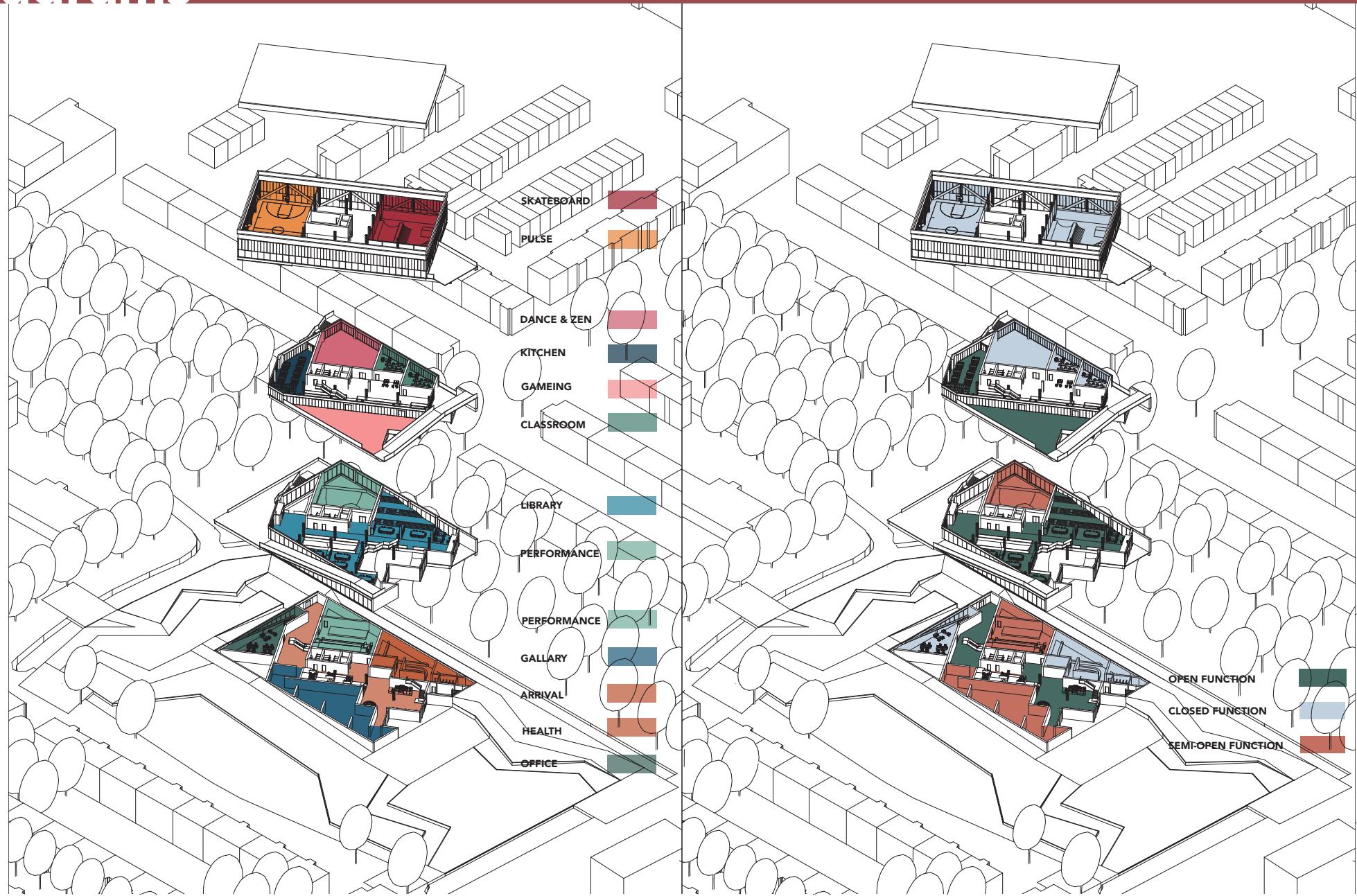
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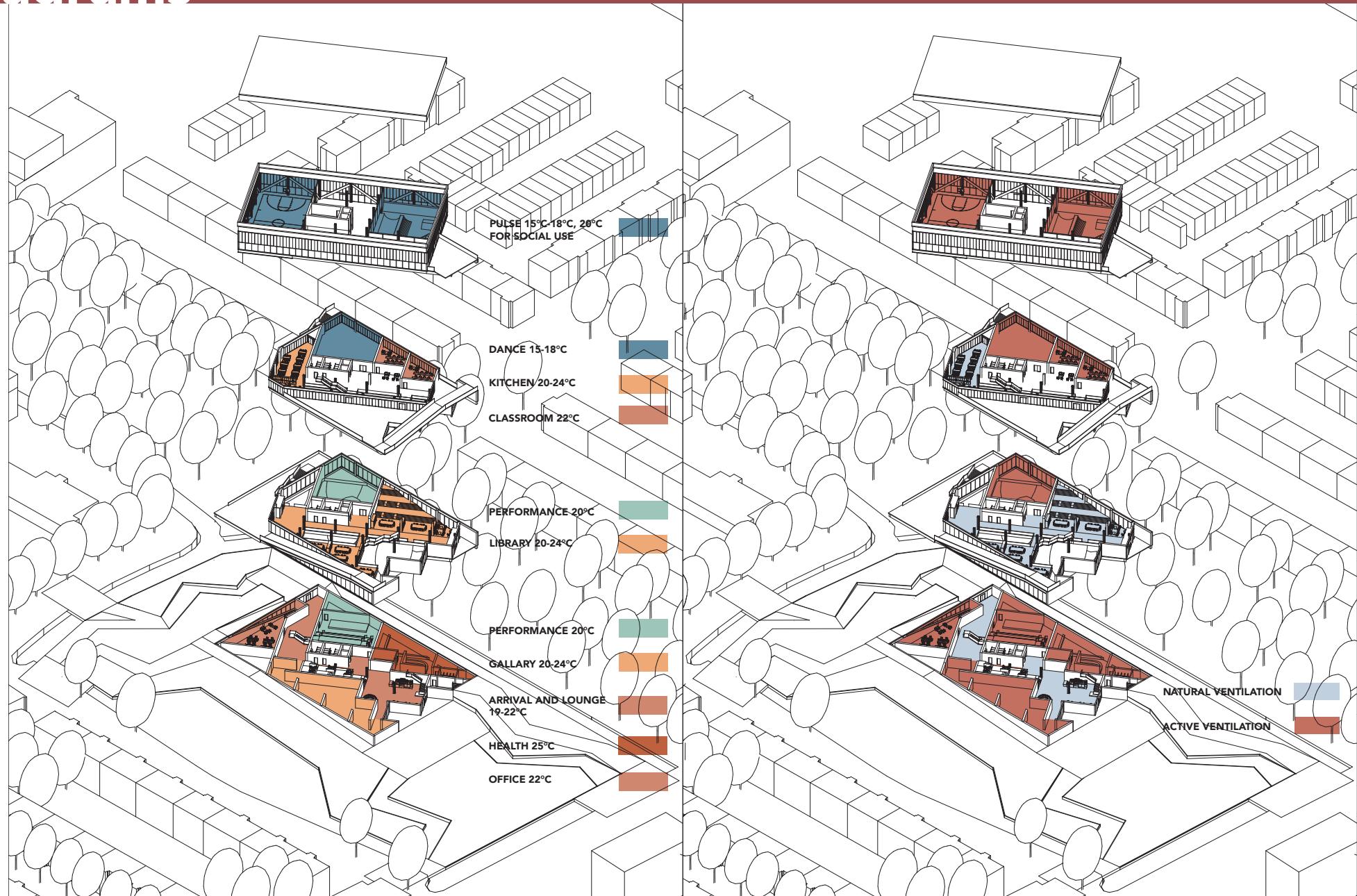
# Diagrams



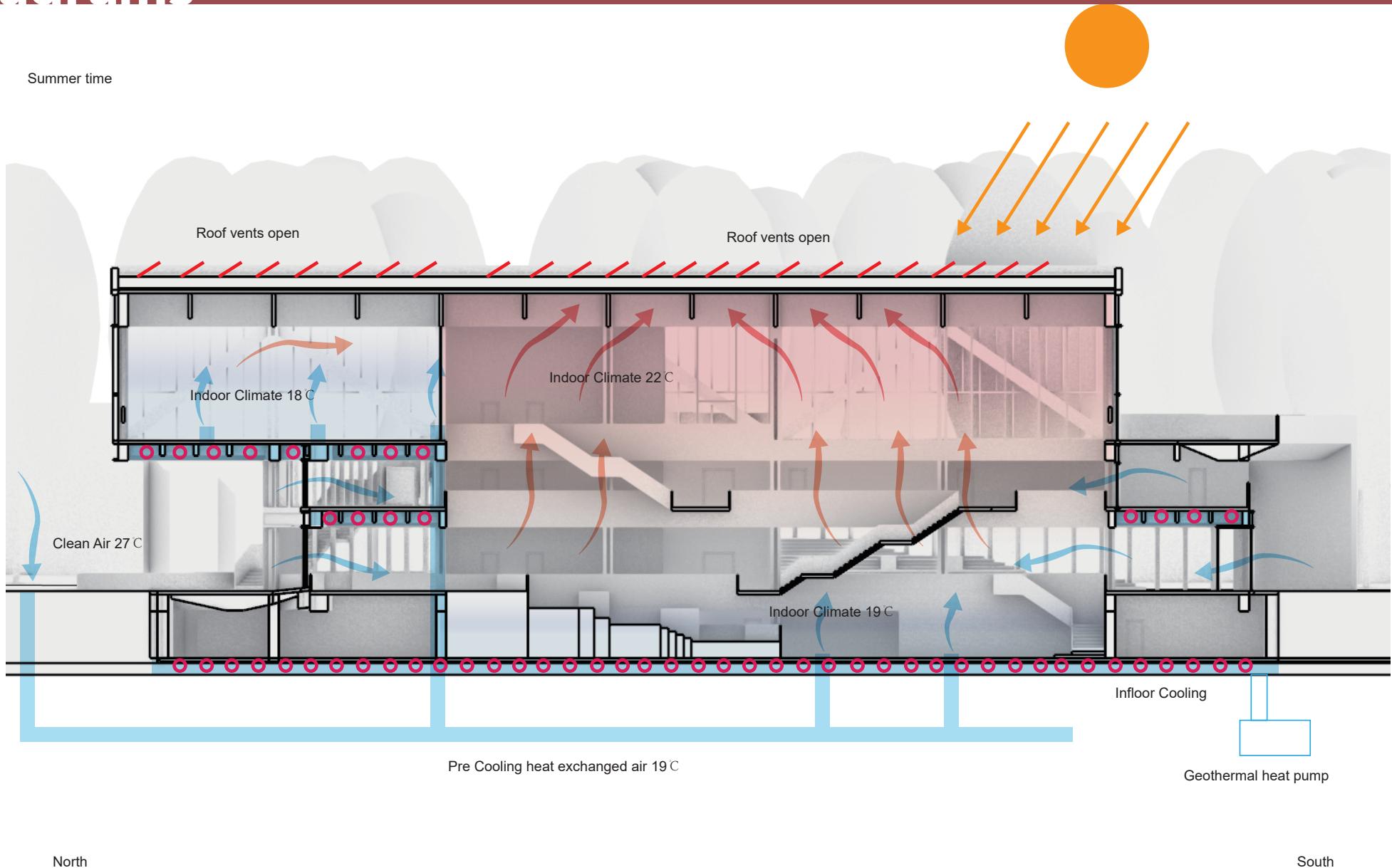
# Diagrams



# Diagrams



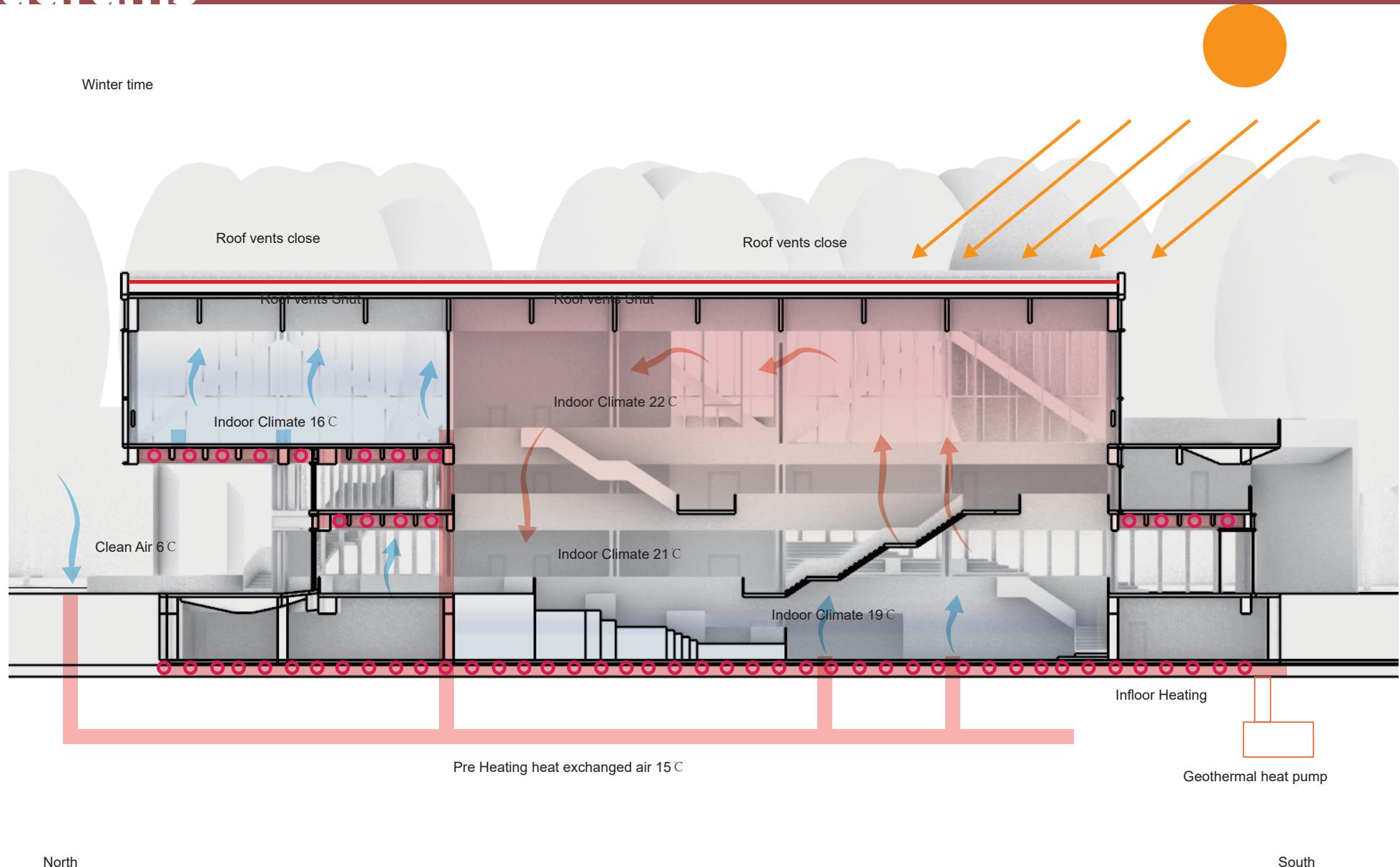
# Diagrams



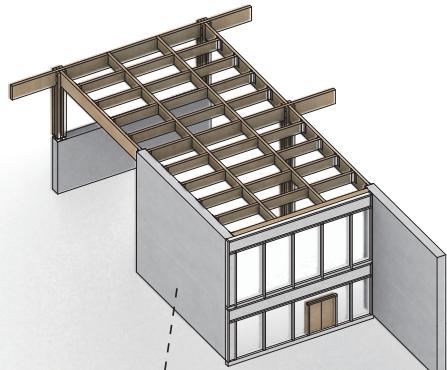
North

South

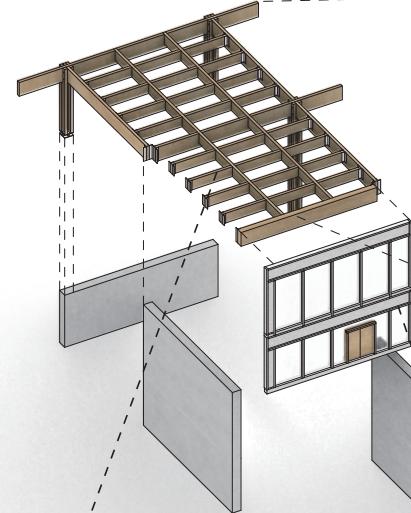
# Diagrams



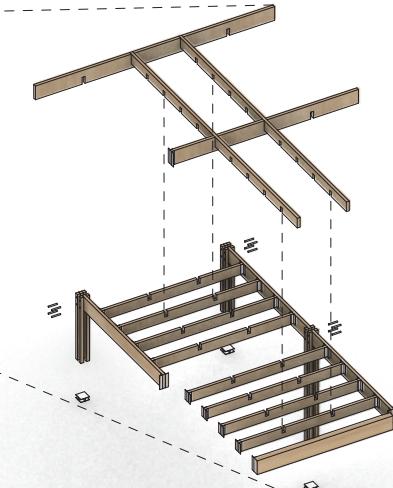
# Diagrams



**Light color concrete sheer wall**



**Timber column and beam**



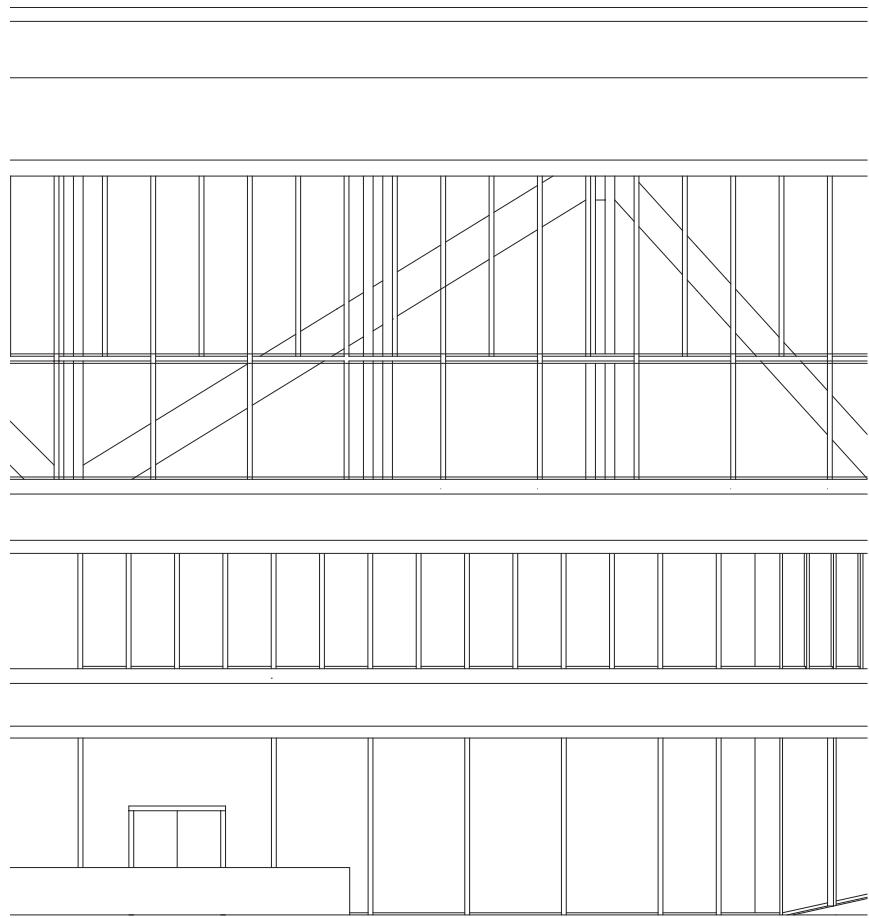
**Aluminum cladding and triple glazing curtain wall**



**Steel footing for timber column**

Pictures from internet, curtain wall picture is from Tadao Ando 's New York residential project

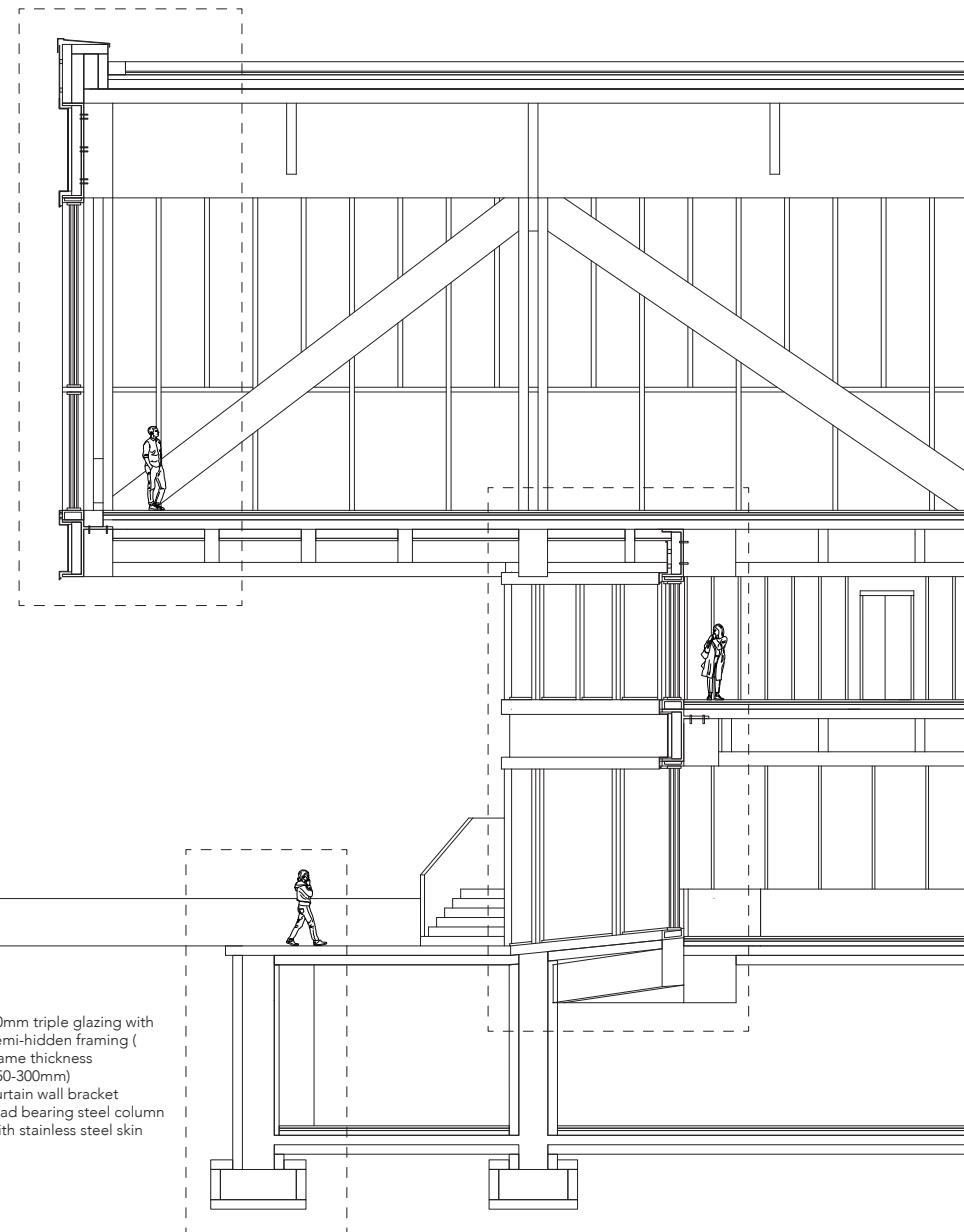
# Details



1 140mm mud;substrate layer 40mm humidity mat;drainage layer; root-proof layer; bitumen seal  
water proofing mat  
200mm thermal insulation  
moisture insulation  
200mm concrete floor slab

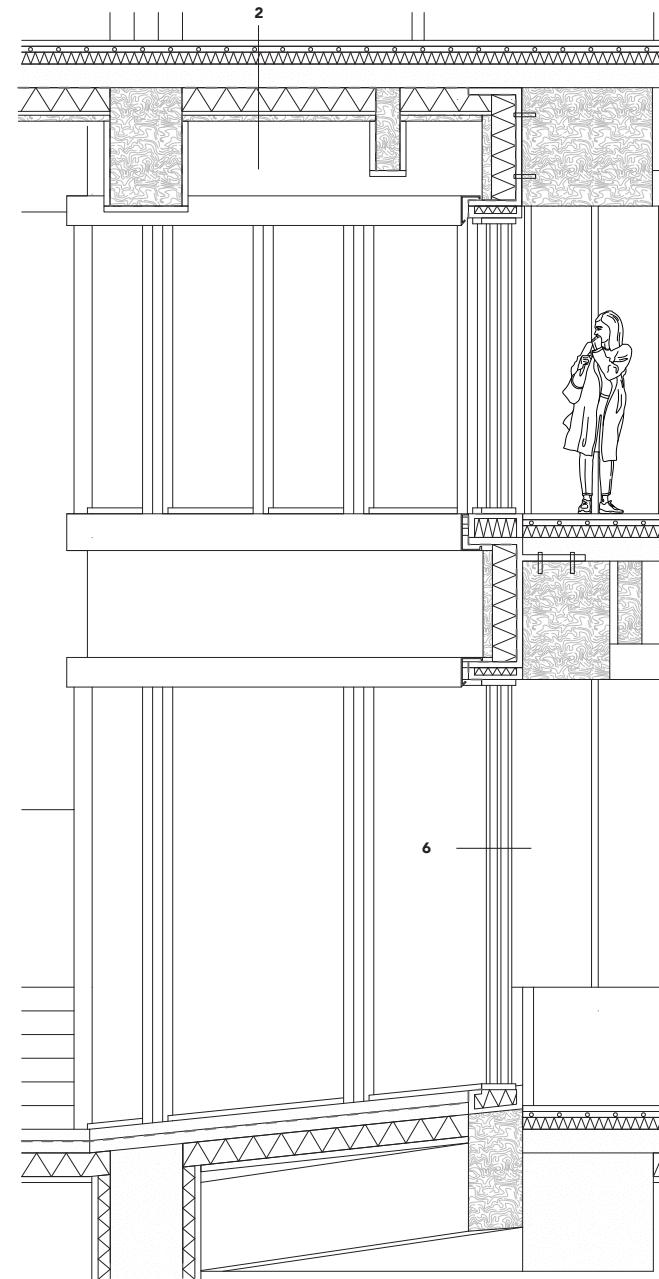
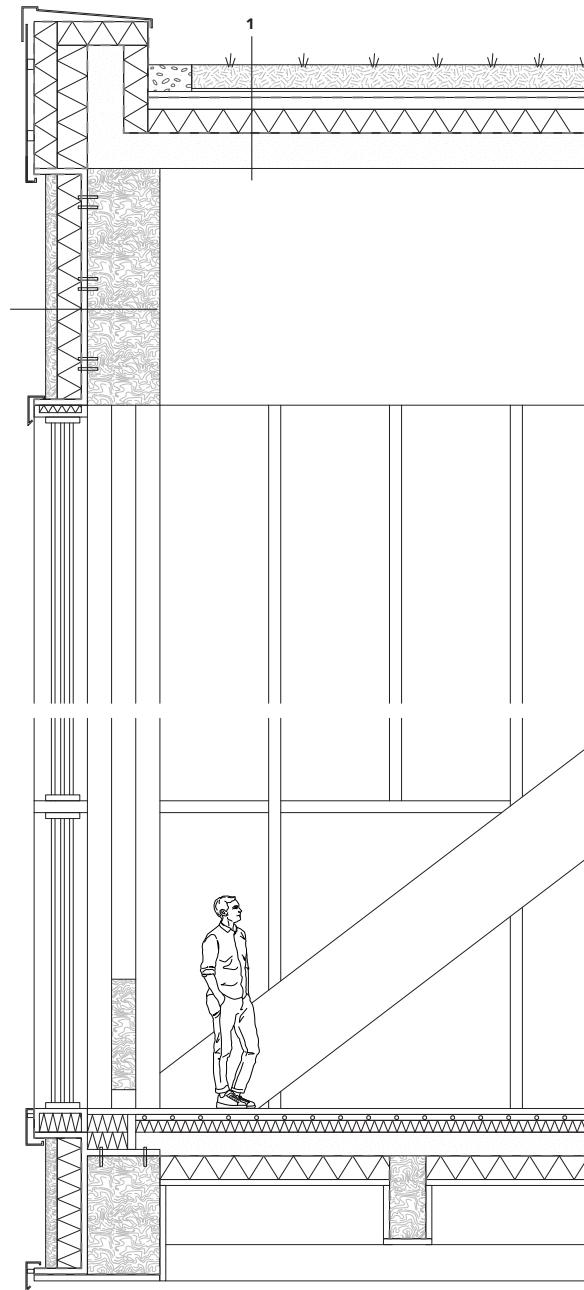
5 100mm aluminum cladding  
200mm thermal insulation  
water proof  
10mm Steel holding unit  
600mm timber side beam

2 50mm floor finishing  
50mm light weight concrete screed with floor heating  
moisture insulation  
100mm thermal insulation  
200mm concrete floor slab  
water proof  
200mm thermal insulation  
50mm timber finishing



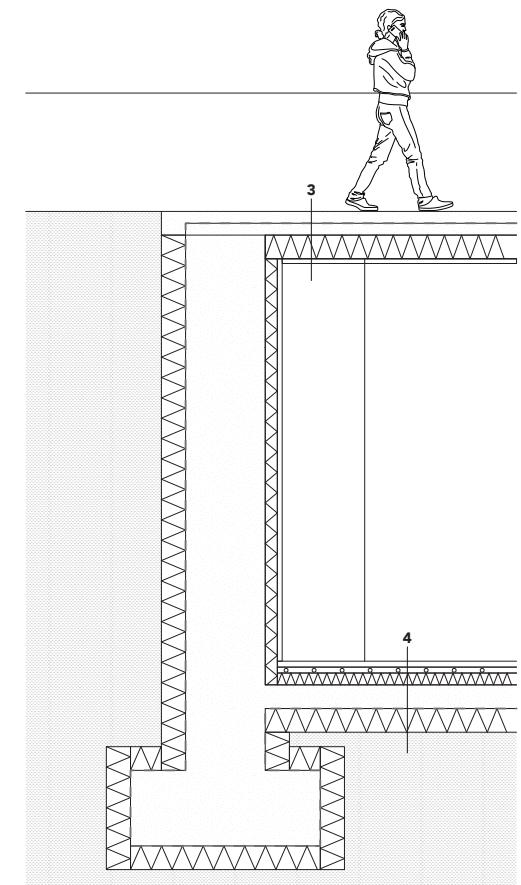
6 60mm triple glazing with semi-hidden framing (frame thickness 250-300mm)  
curtain wall bracket  
load bearing steel column with stainless steel skin

# Details

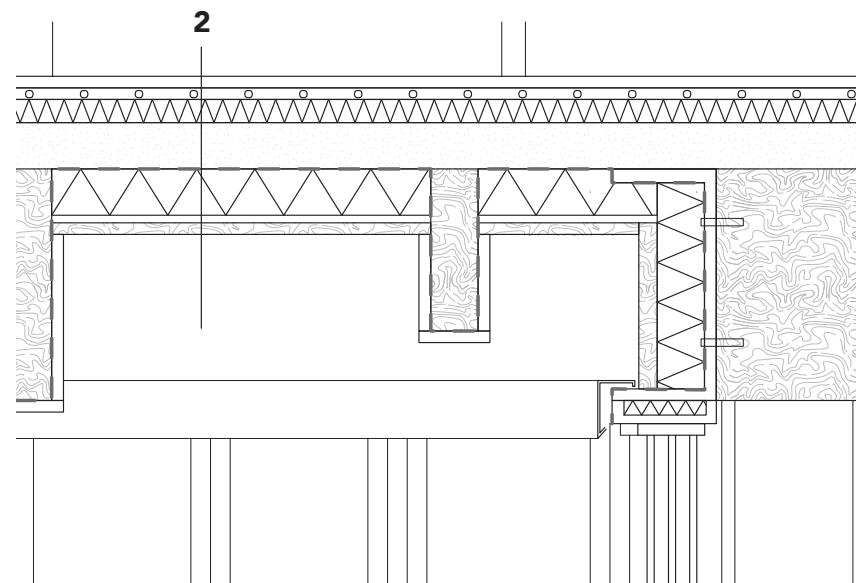
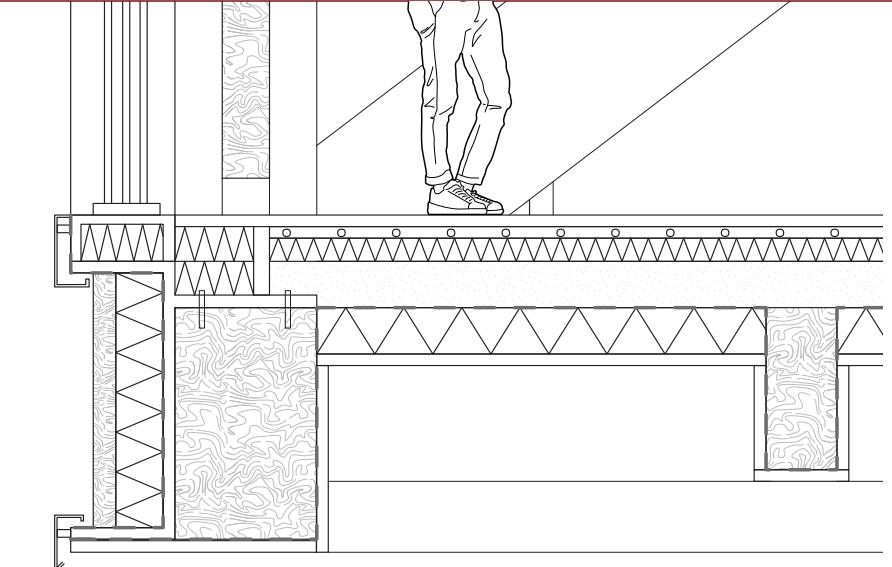


**3** 100 mm reinforced concrete finishing  
water proof  
100mm concrete floor slab  
200mm thermal insulation  
50mm ceiling finishing

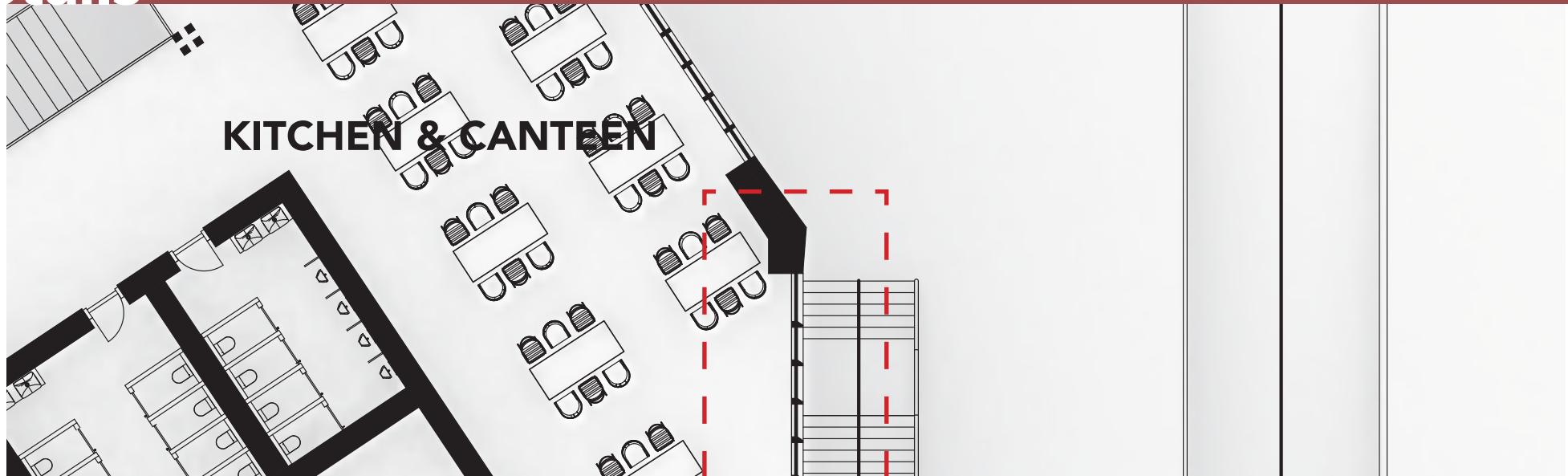
**4** 50mm floor finishing  
50mm light weight concrete screed with floor heating  
moisture insolution  
100mm thermal insulation  
200mm concrete floor slab  
water proof  
200mm thermal insulation  
Earth



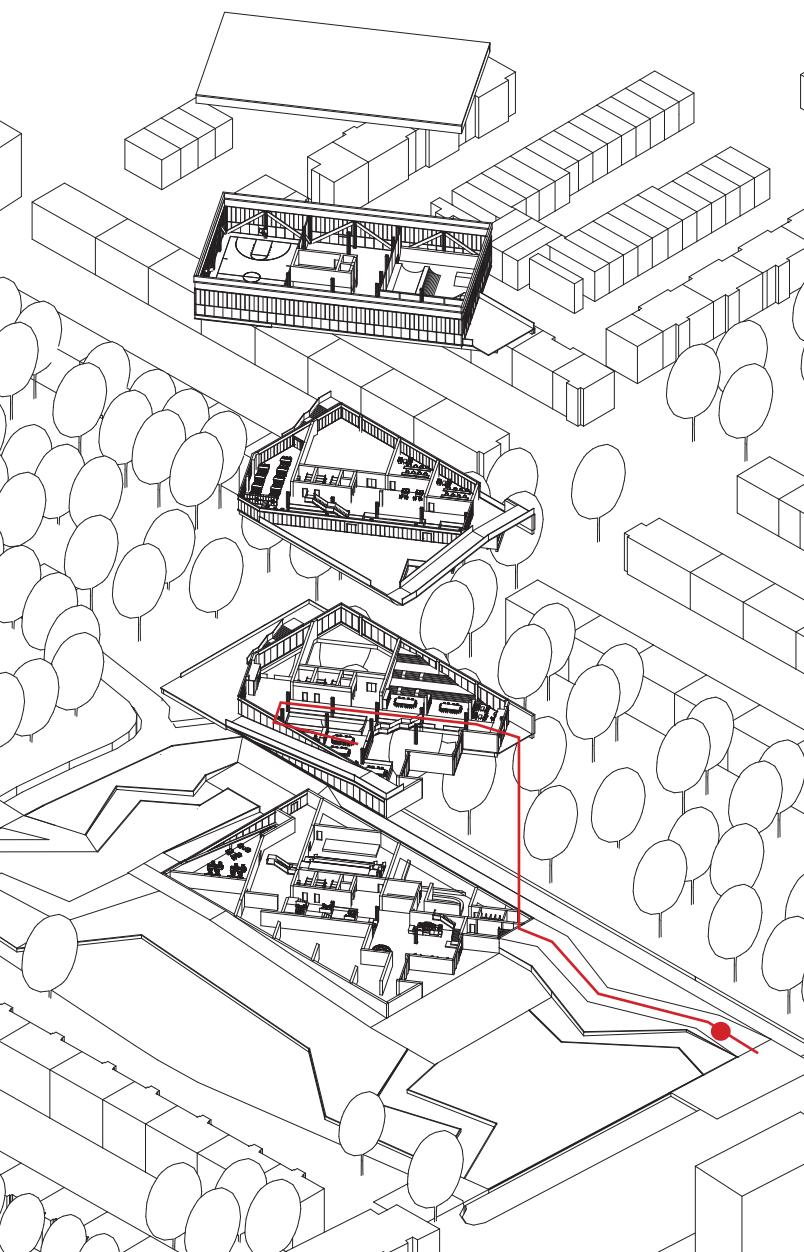
# Details



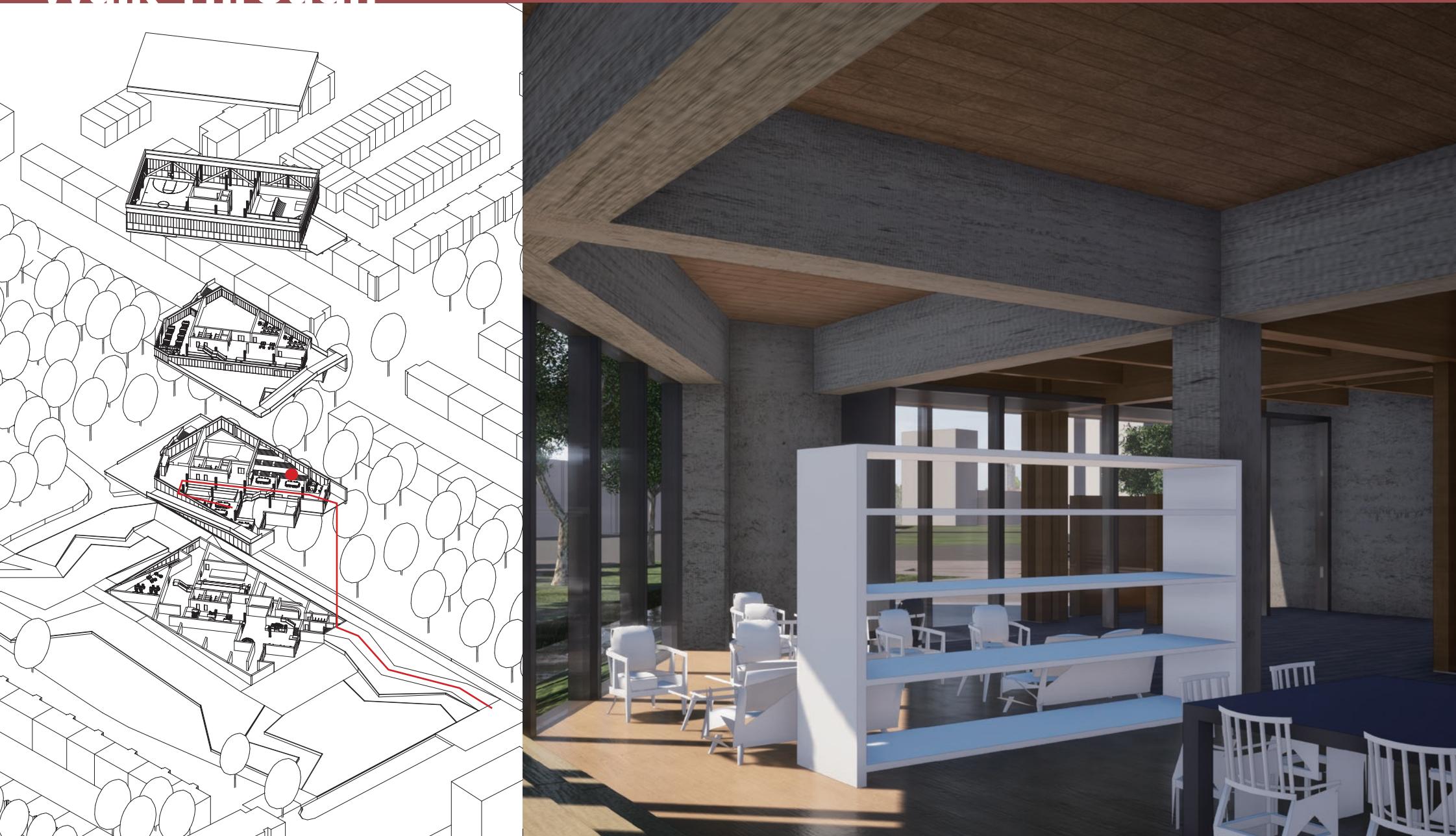
# Details



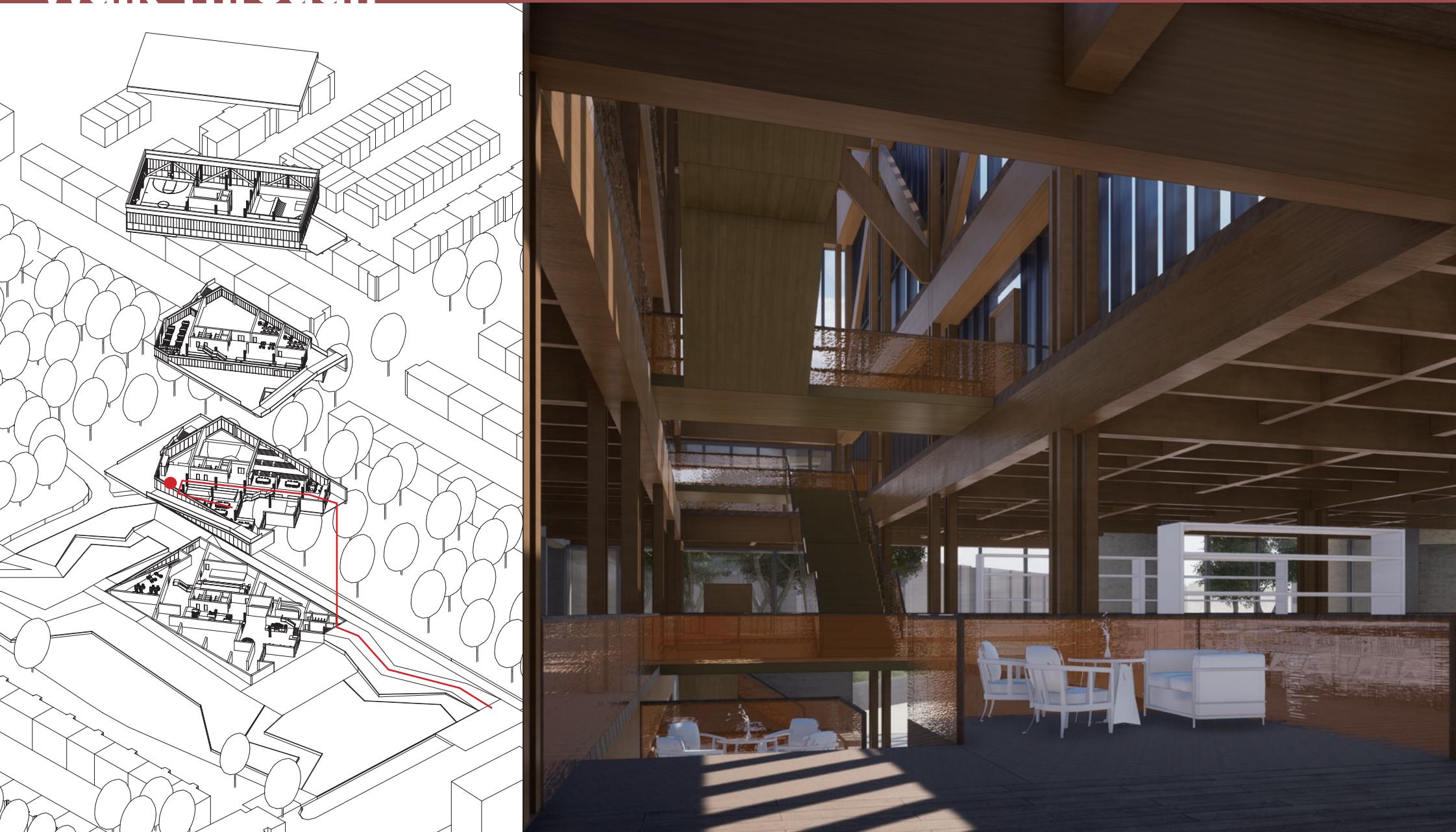
# Walk Through



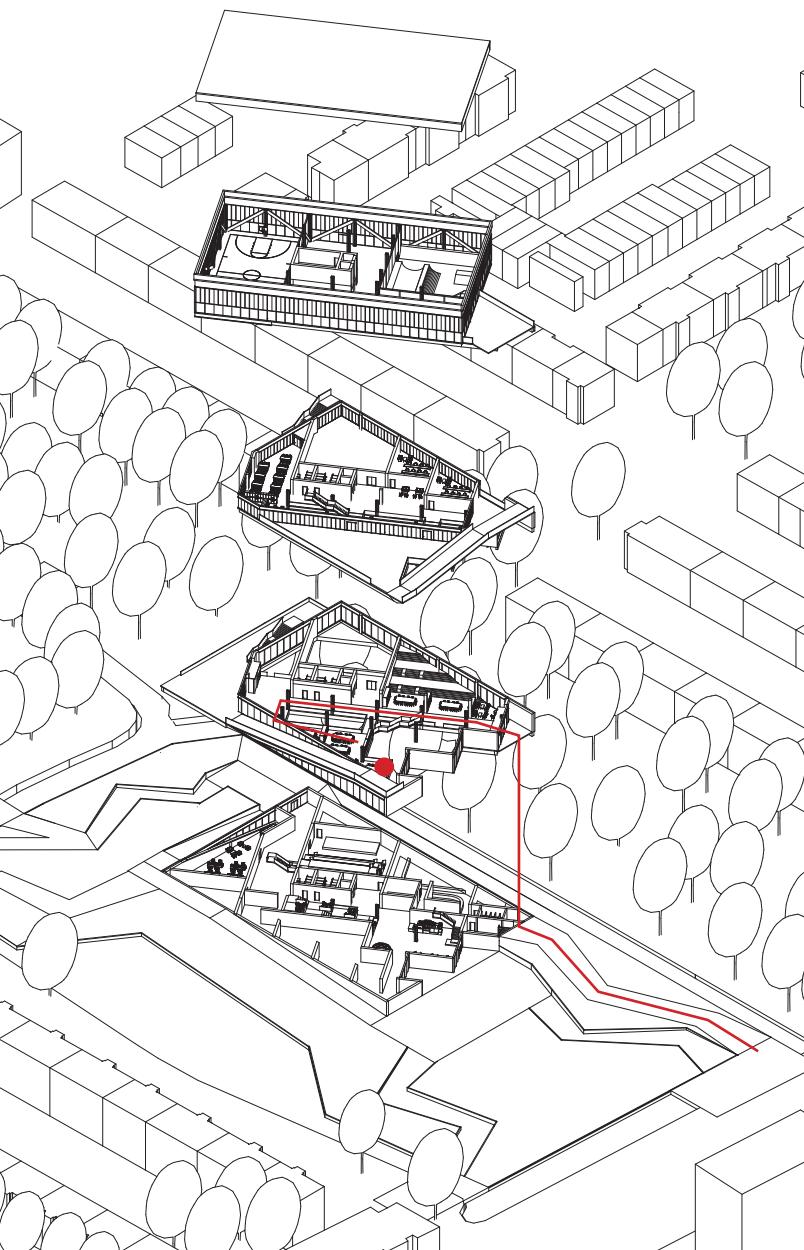
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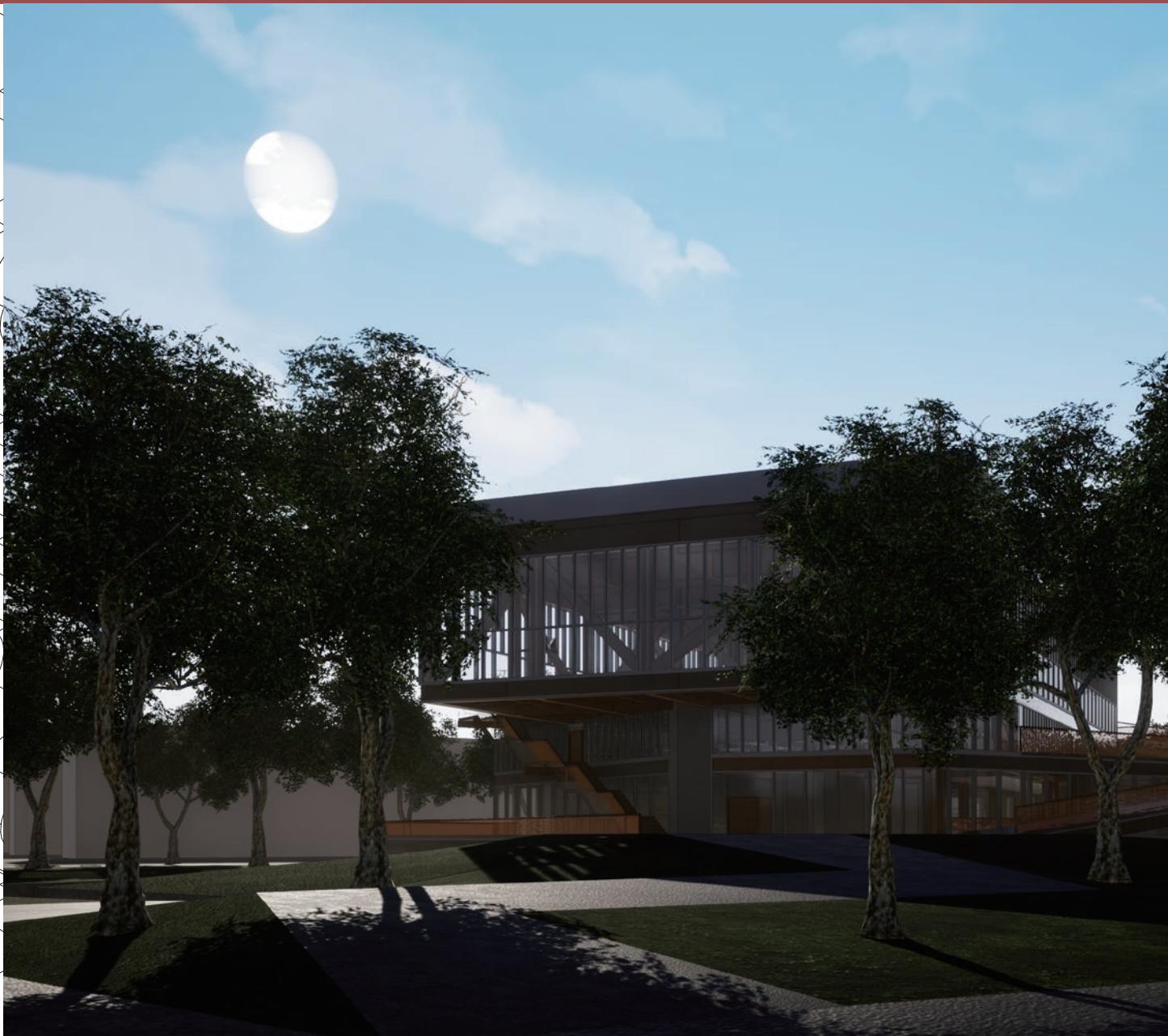
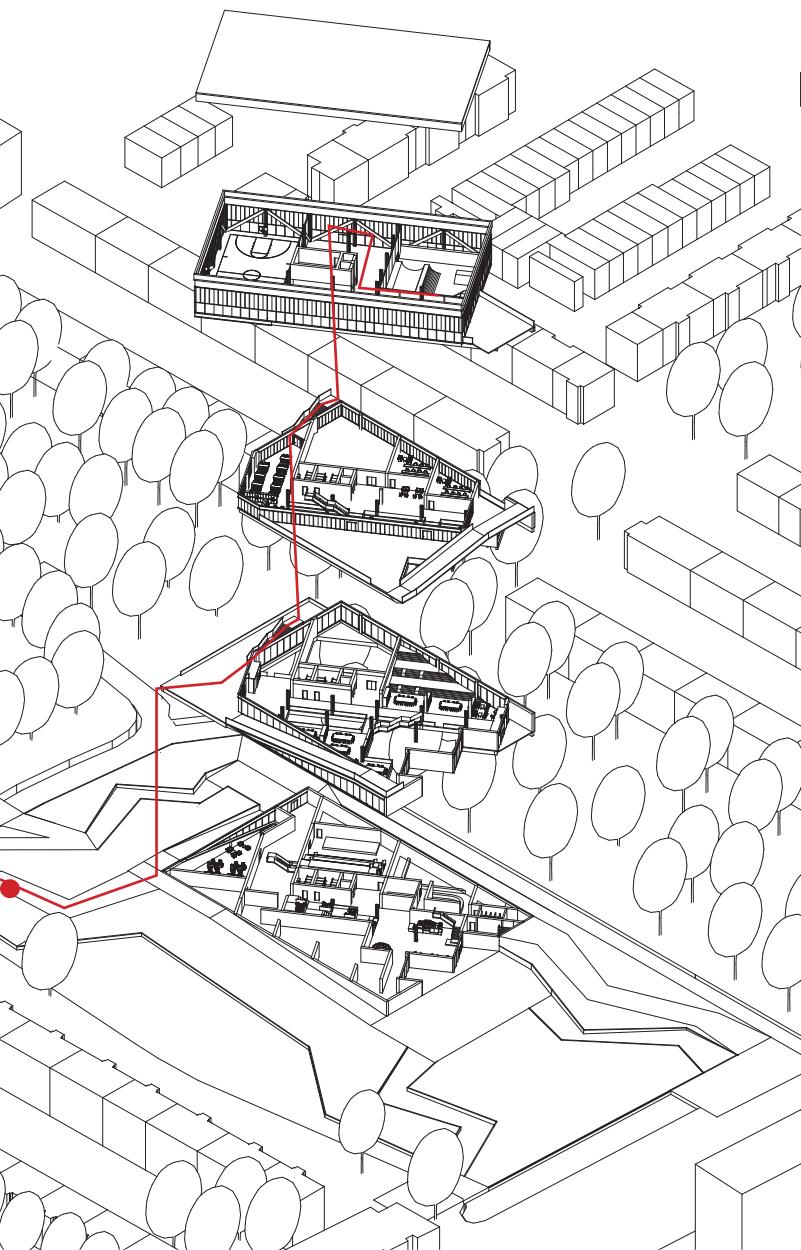
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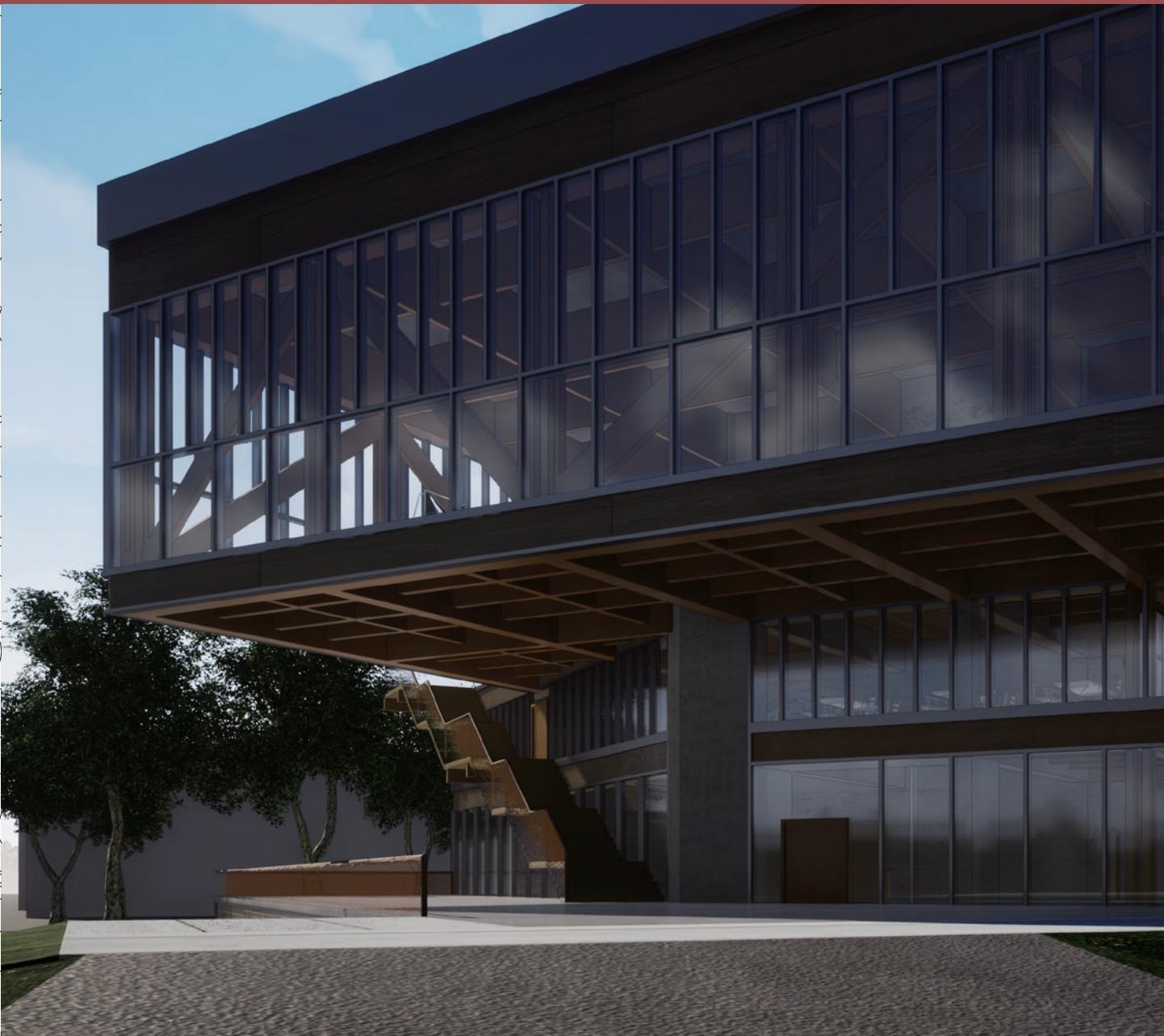
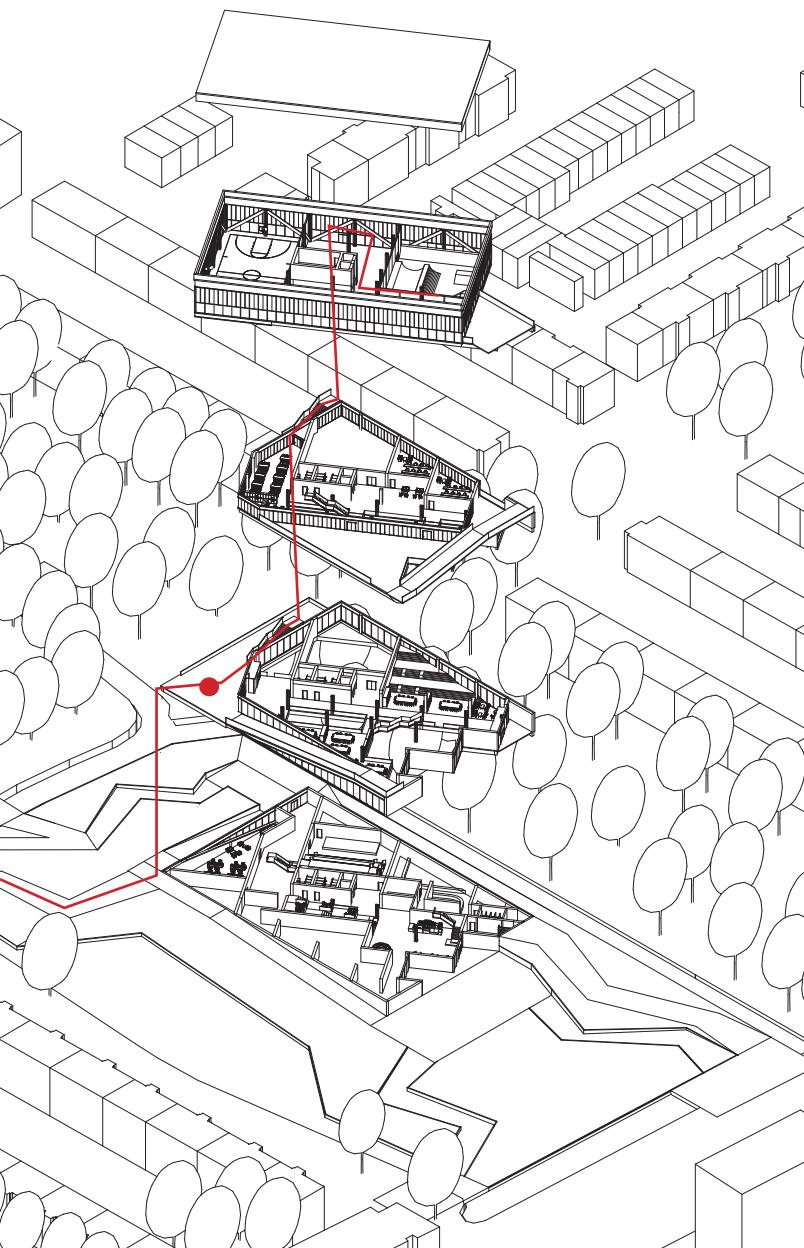
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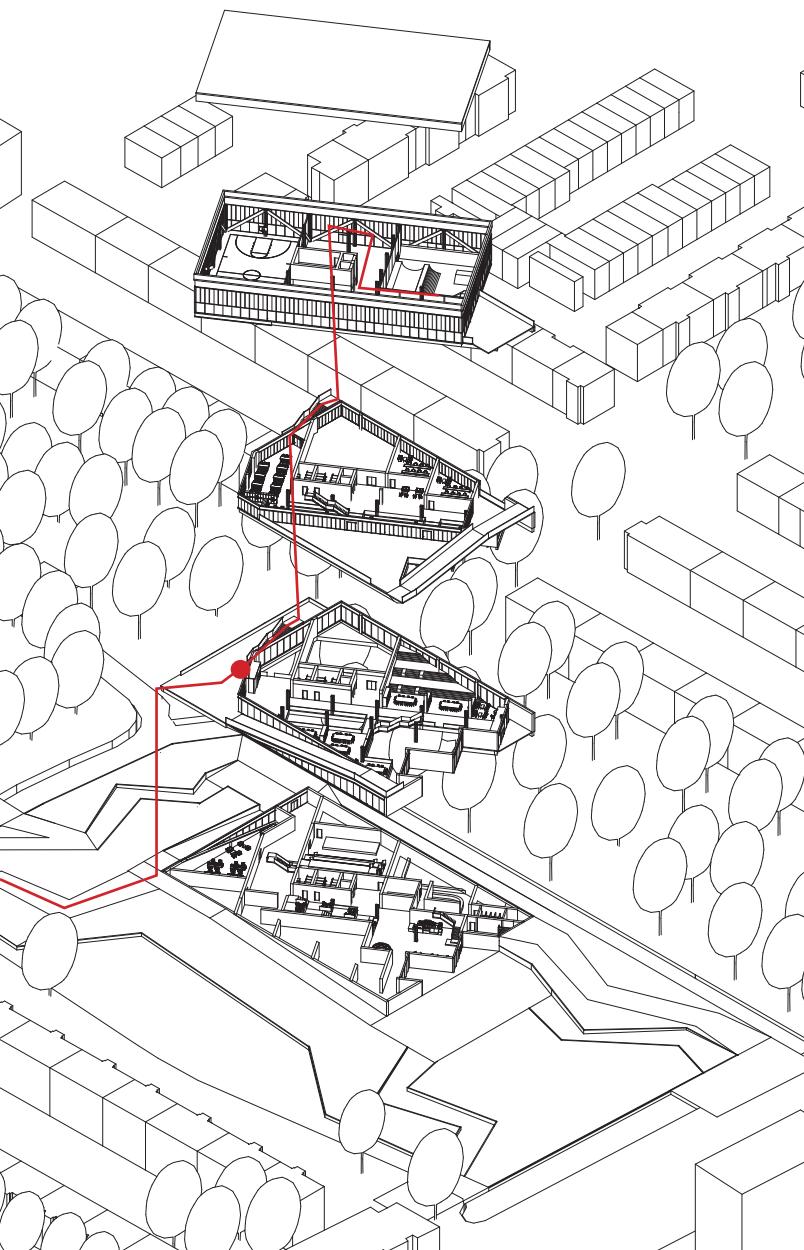
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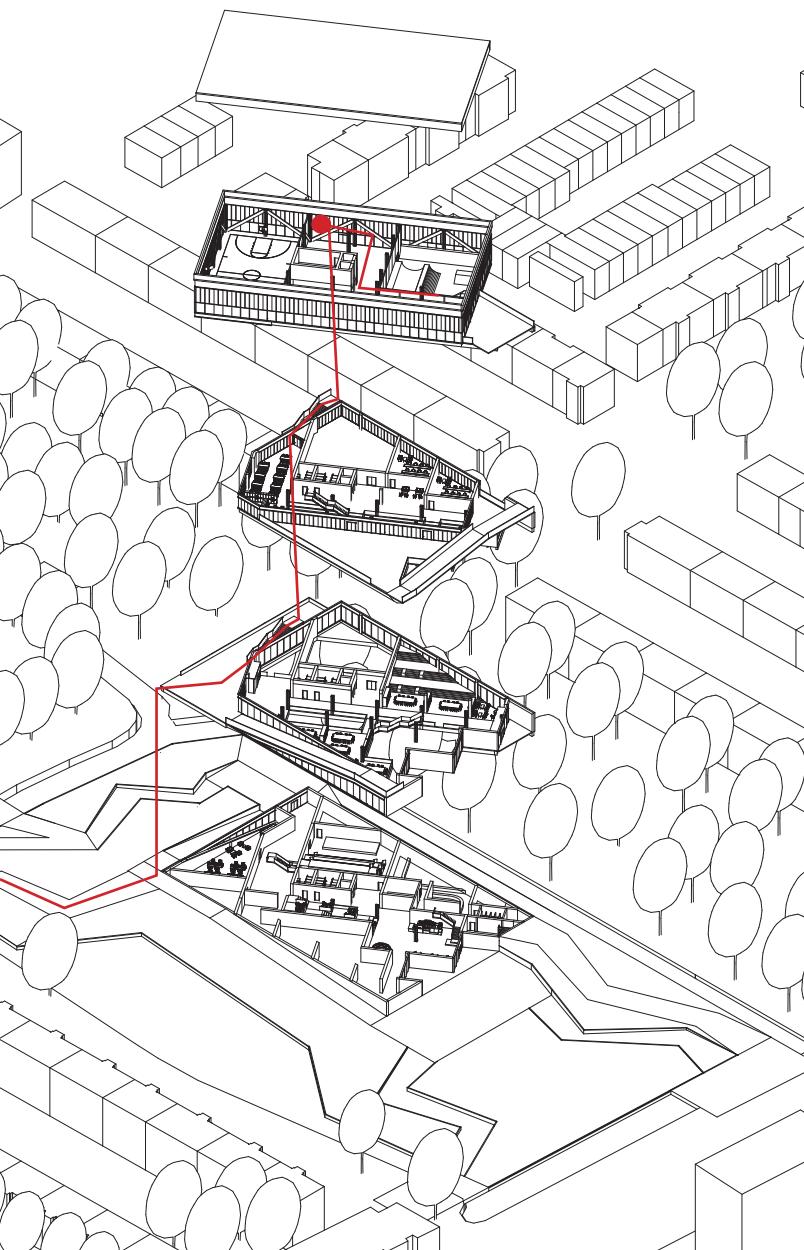
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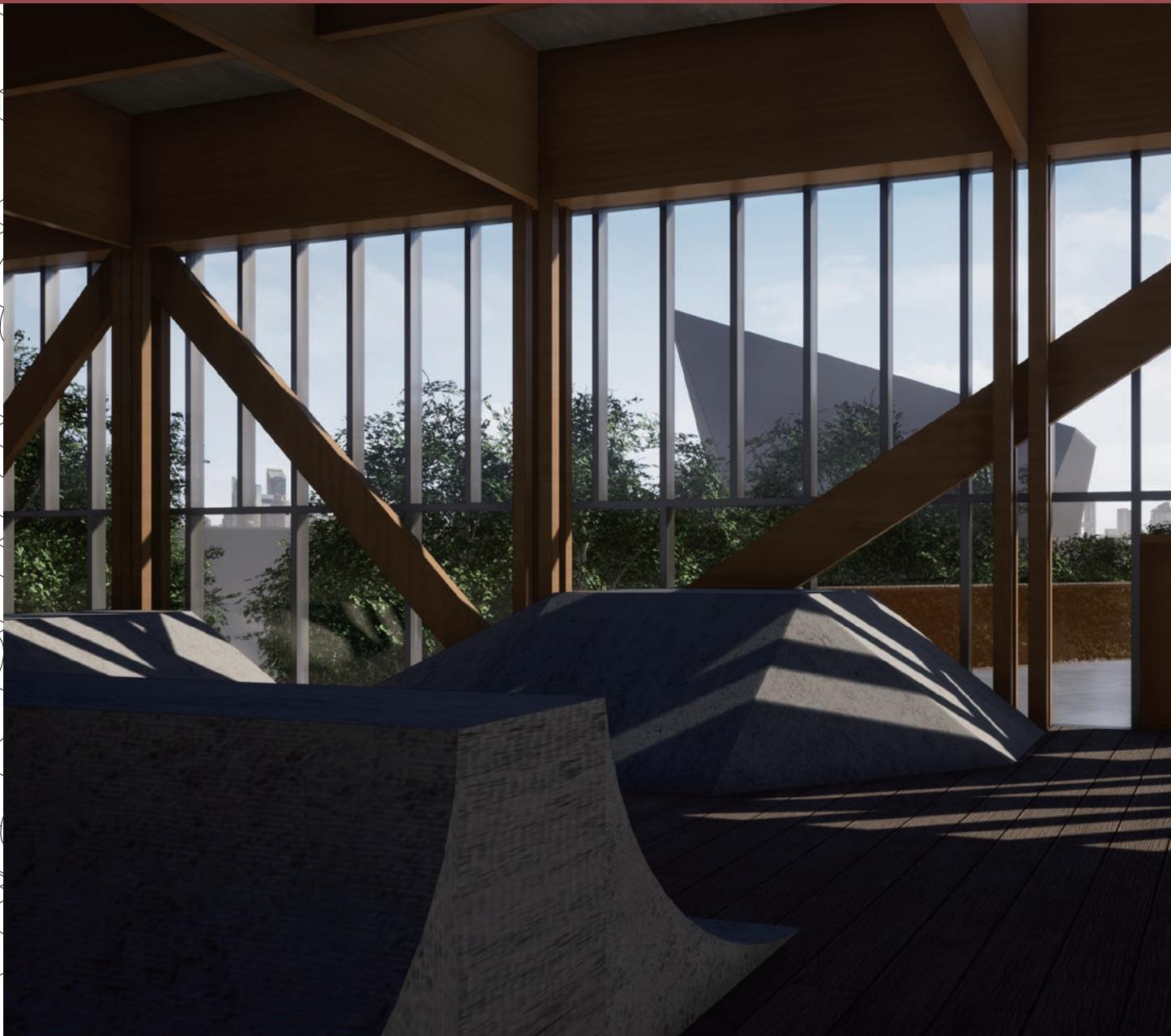
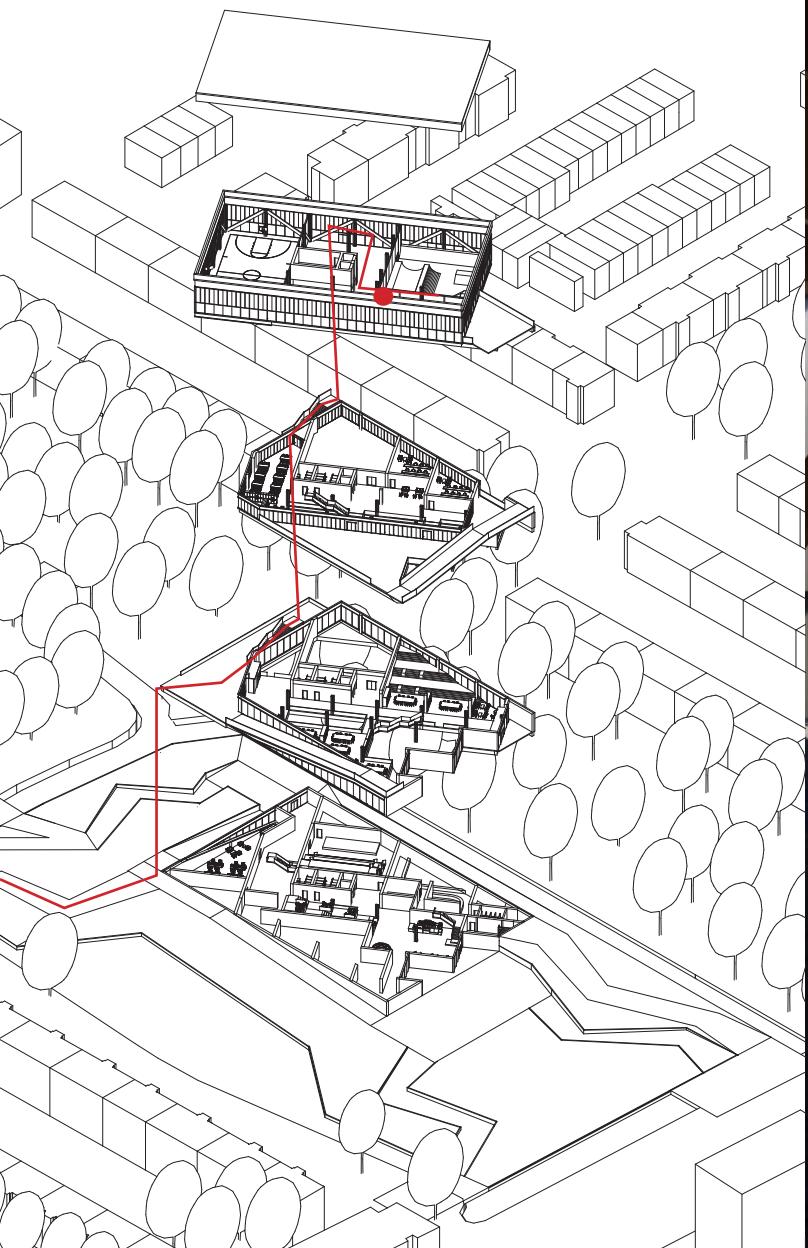
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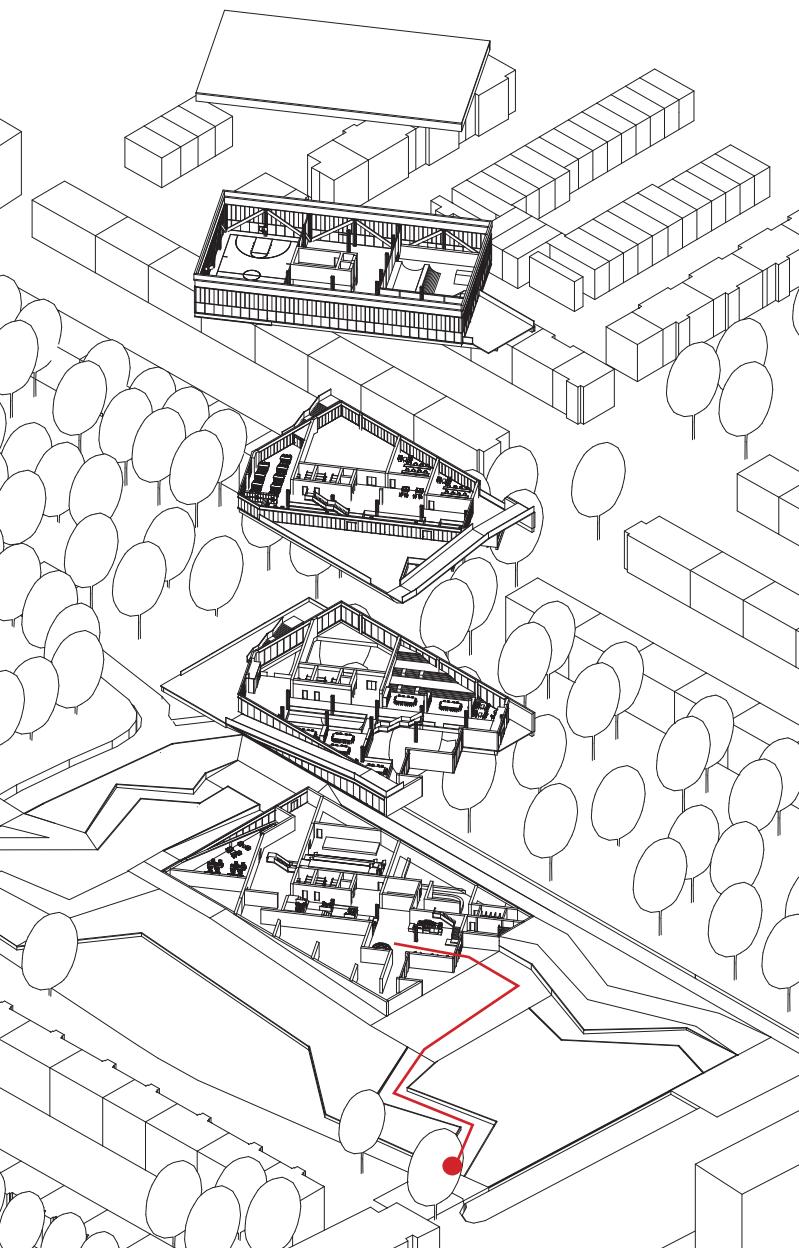
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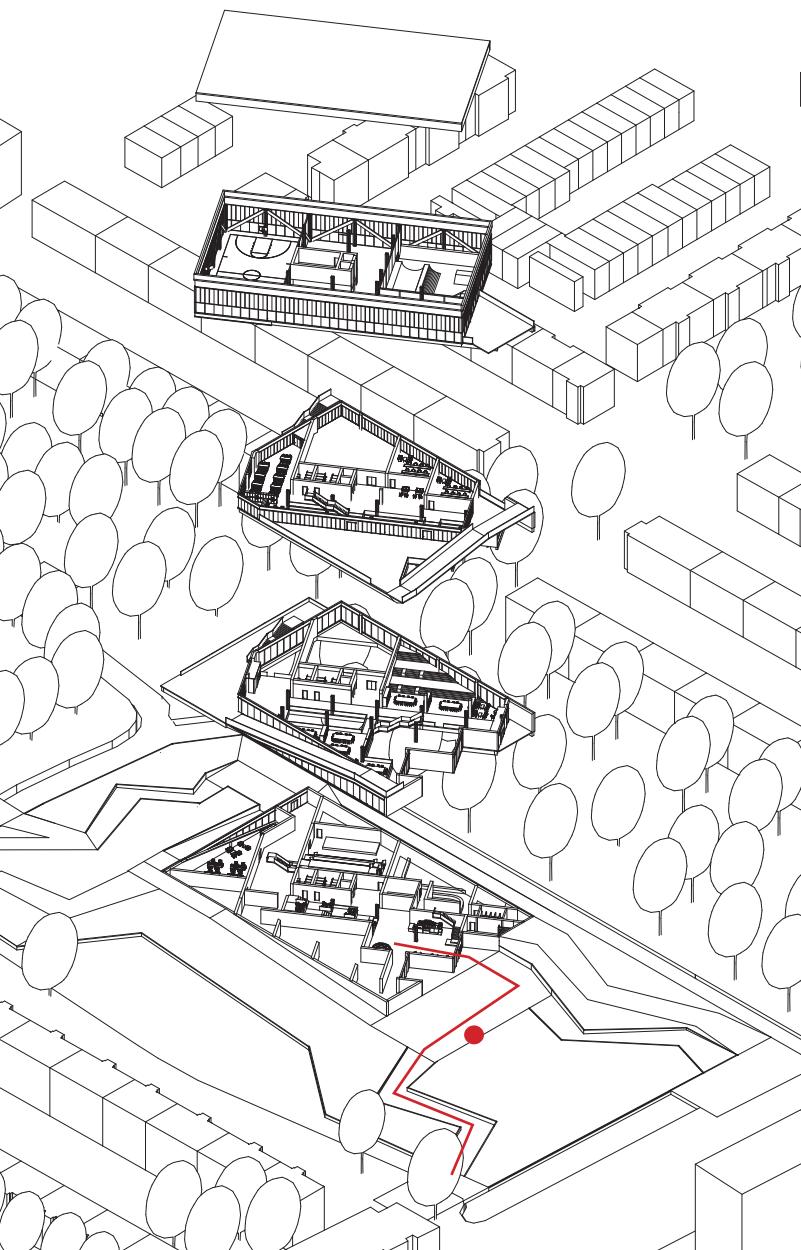
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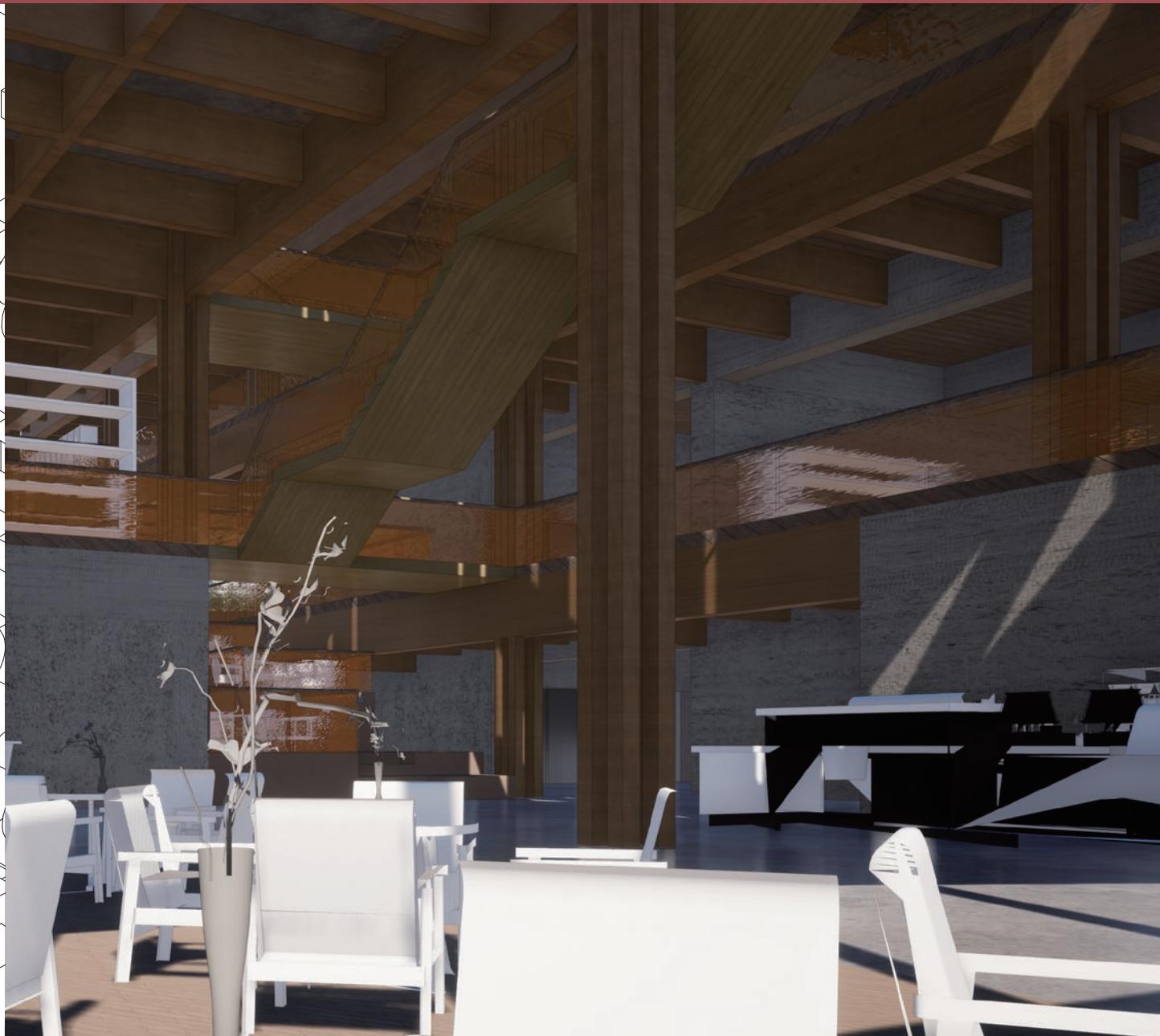
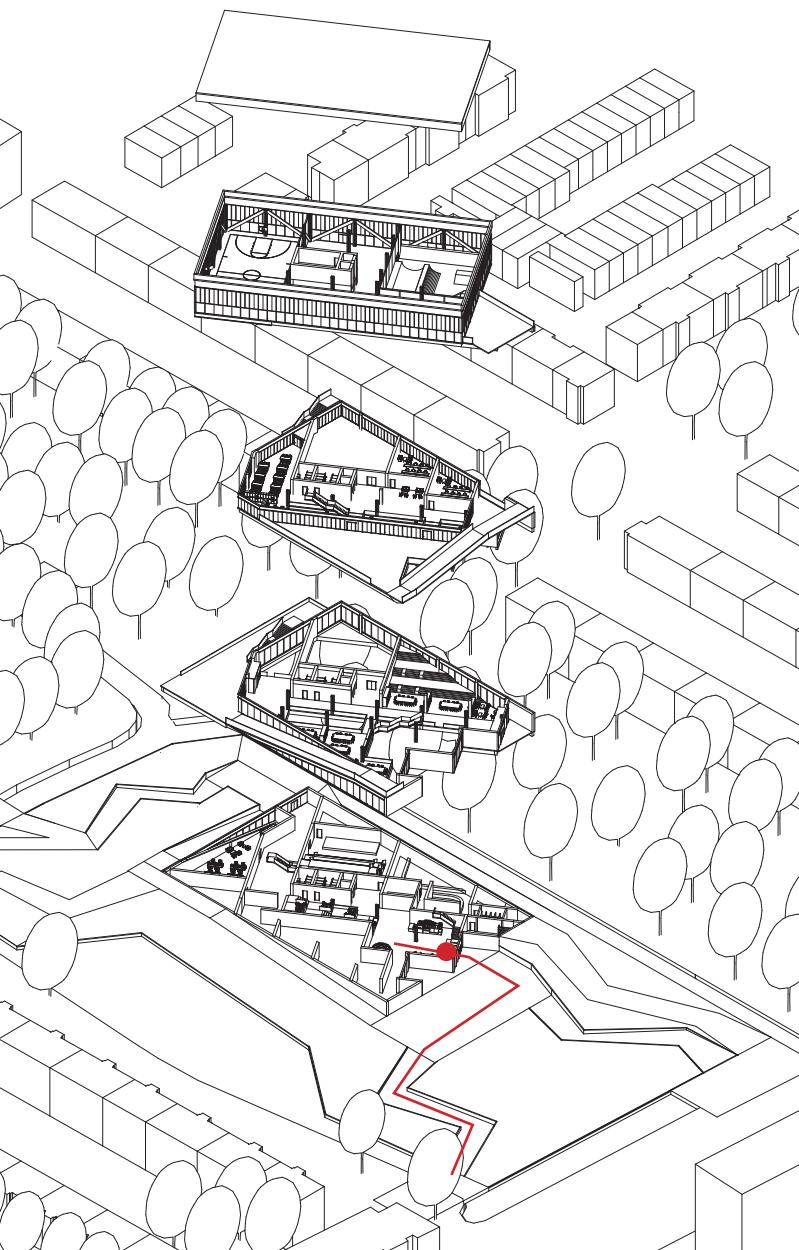
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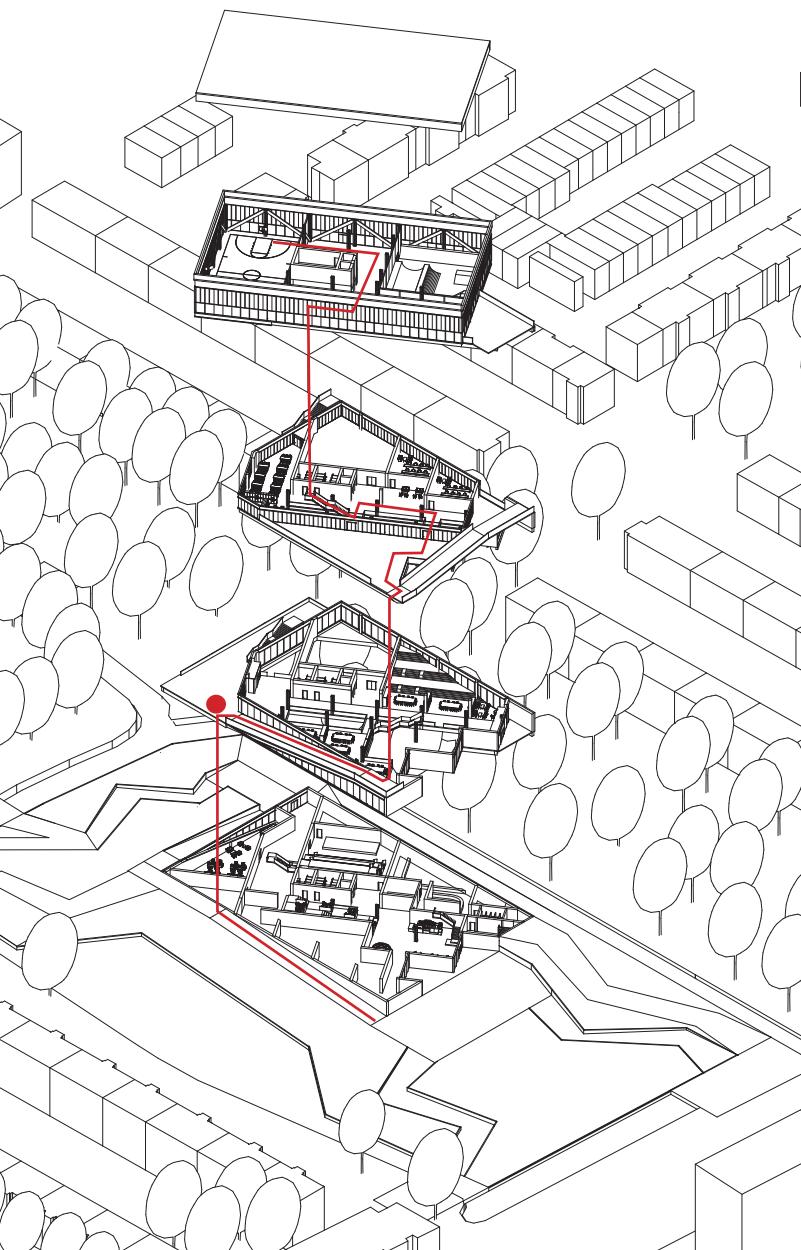
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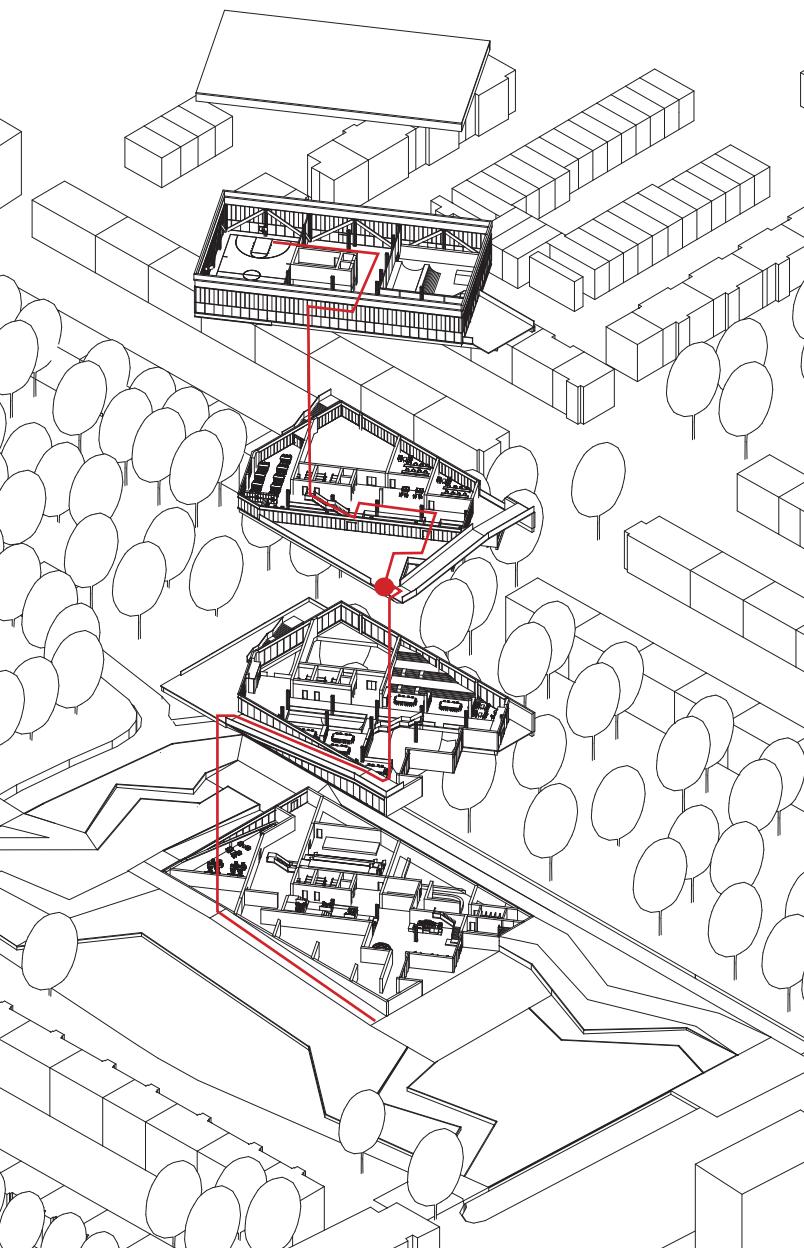
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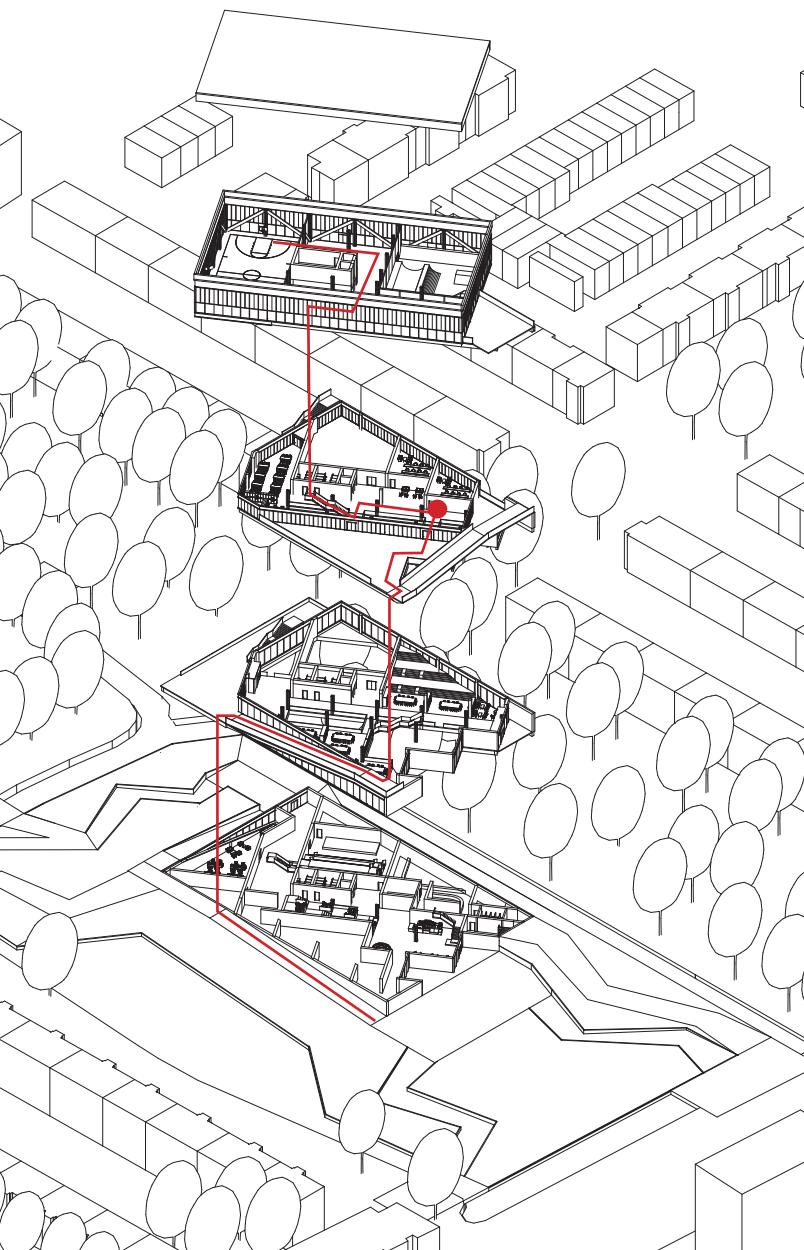
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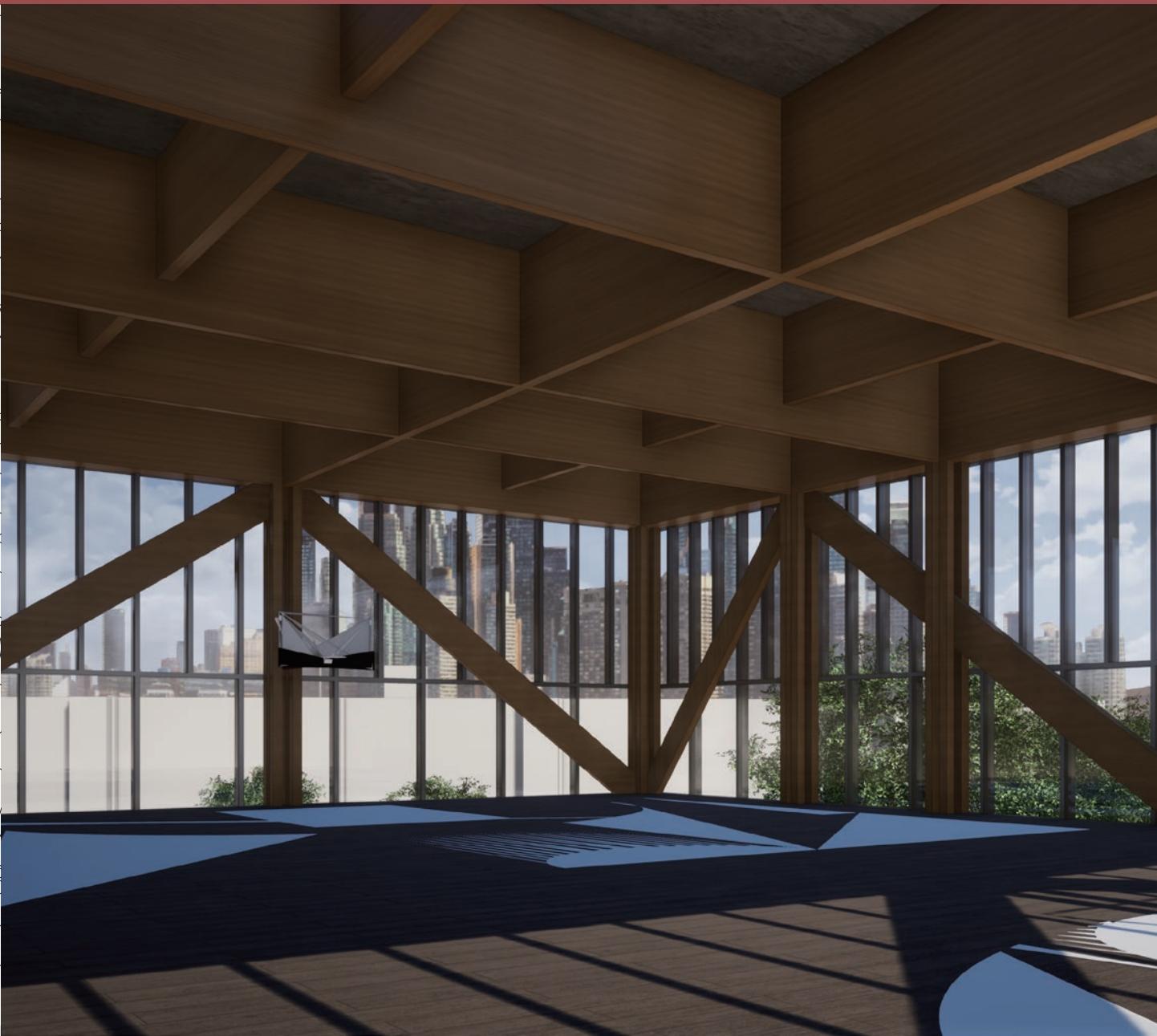
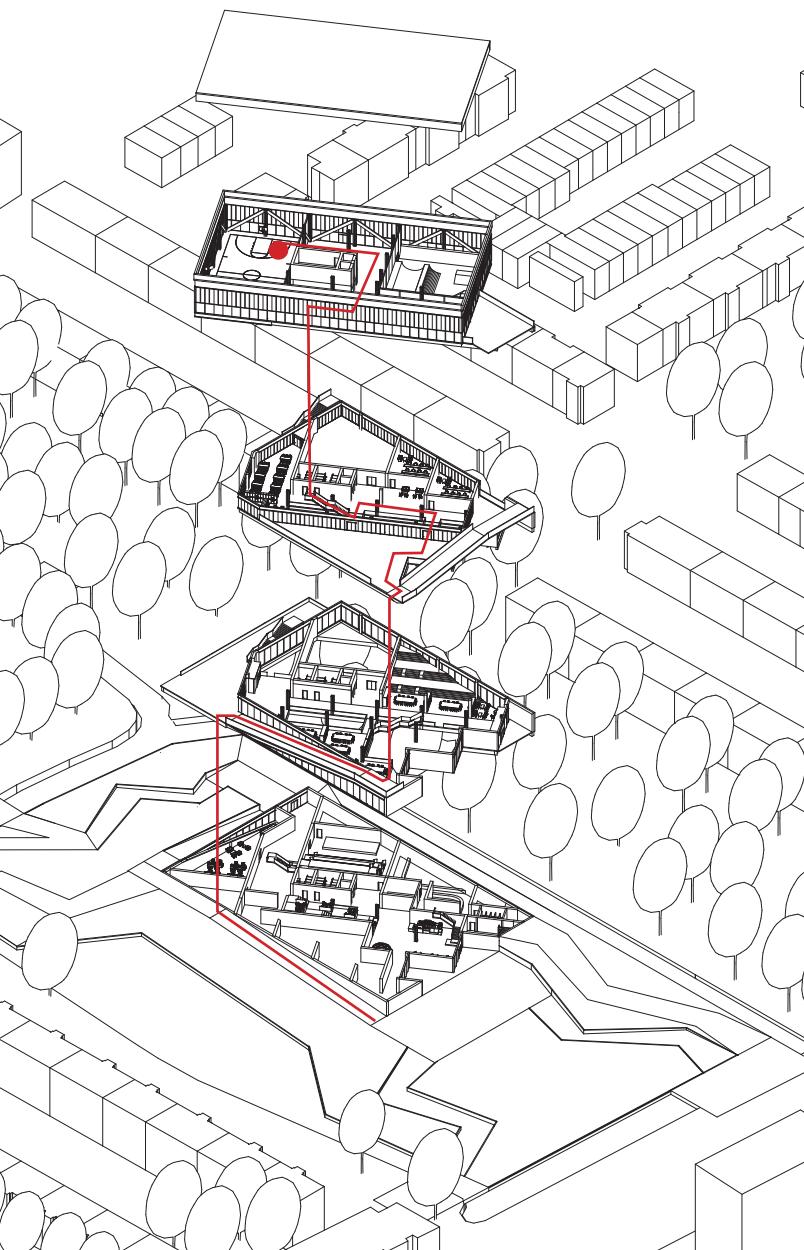
# Walk Through



# Walk Through



# Walk Through



# Conclusion



Thank  
You