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Chapter 01:

Depression Healing and Public Condenser.

Depression in Denmark:

8% of DALY.

-the greatest cause of disability-adjusted life years in Denmark.

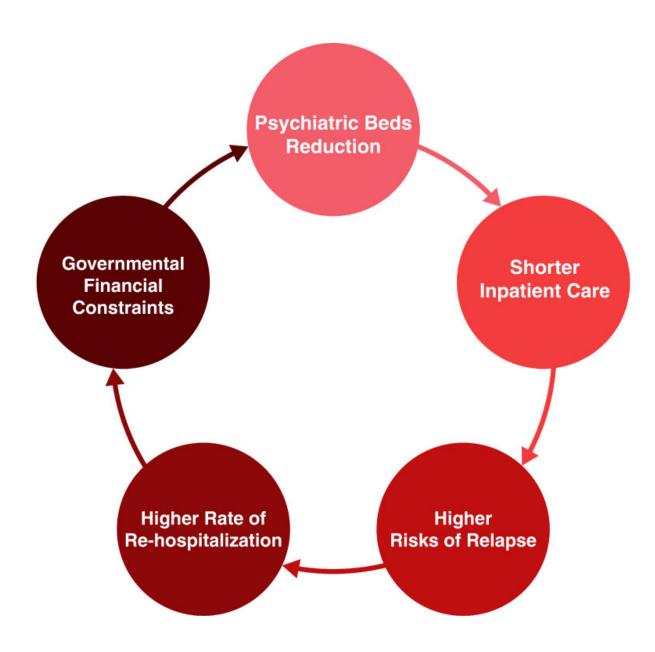
200,000 adults.

-200,000 adults depressed. 50,000 suffer from severe depression.

1 in every 25 people.

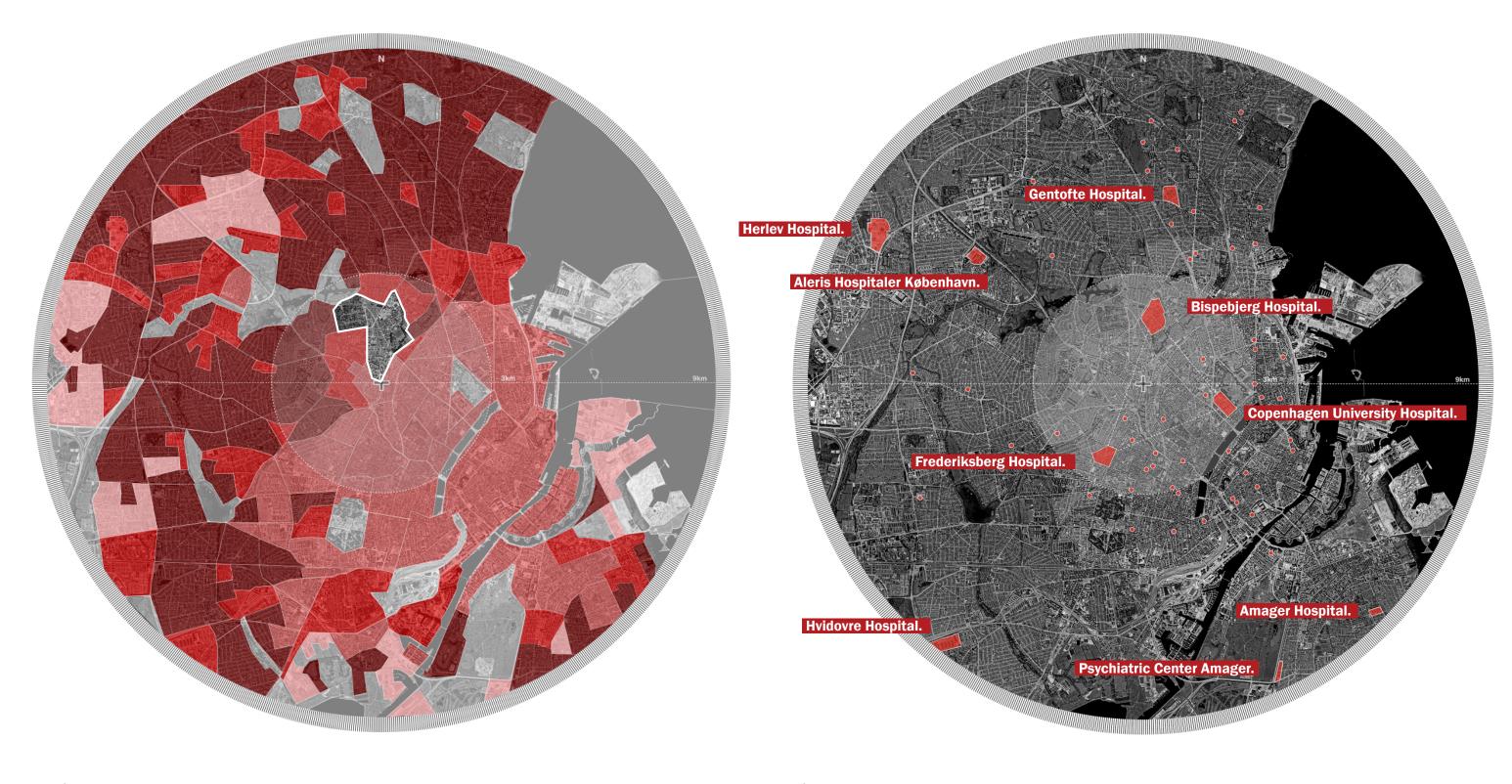
-4.1% of individuals are diagnosed, among population of 5,985,988.

Depression Healing in Denmark:



Problem: Psychiatric Beds Reduced by 60%–70% between 2010-2025.

Depression Risk and Mental Health Resources in Copenhagen:



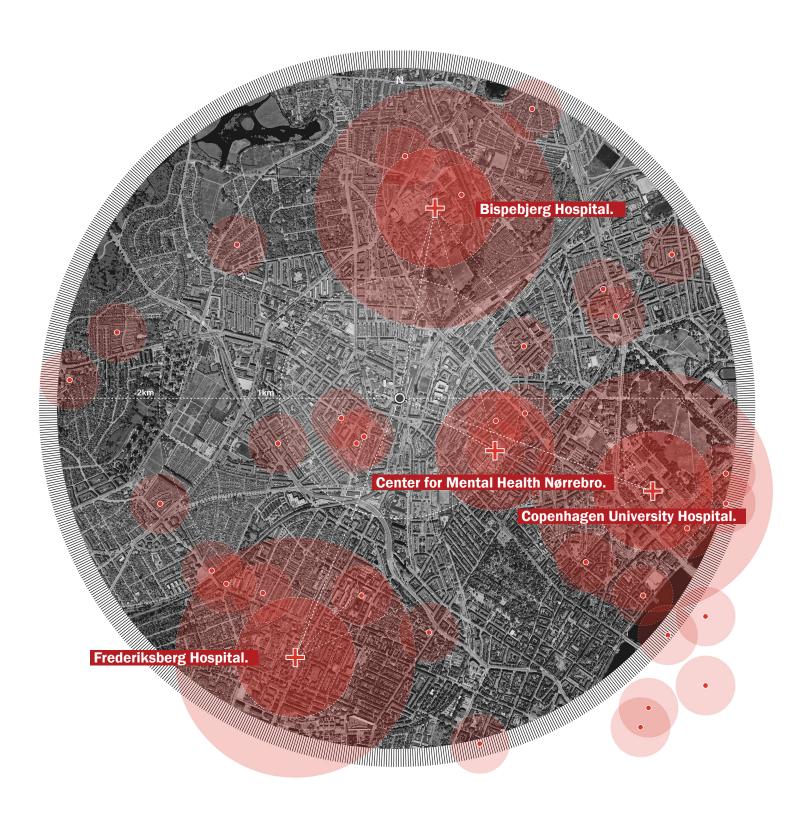
- 9 KM Radius
- 4 Levels of Risk

- 9 Hospitals
- **55 Local Psychiatrists**

Depression Risk and Mental Health Resources in Bispebjerg:

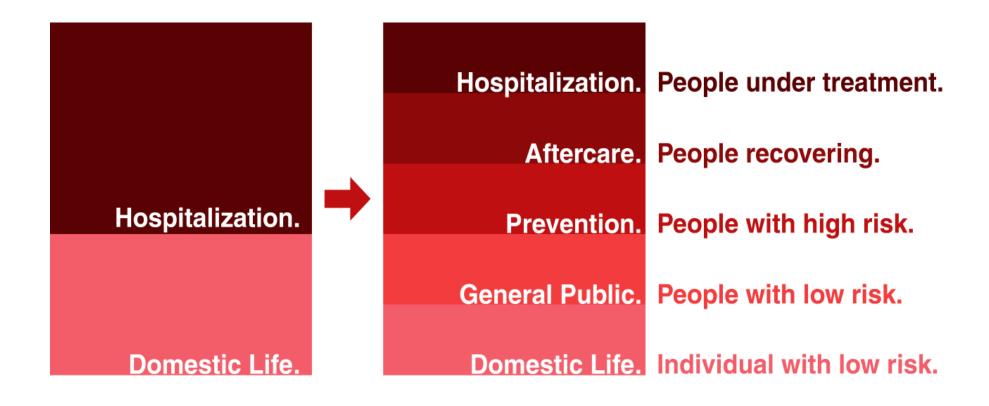


4 | Socioeconomic Challenges



- 3 Hospitals
- 1 Mental Health Centre
- 17 Psychologists and Psychiatrists

Depression Healing Supported by Communities:



Solution: Public Condenser as Community-based Catalyst.

Bridge the gap between formal treatment and domestic life.

Research Question:	
	-How could a community-centered public condenser as a catalyst to heal depression?

Research Question:

-How could a community-centered public condenser support people of different ages in improving mental well-being with daily social activities, in a disadvantaged neighborhood in Copenhagen, a city facing constraints in mental health medical resources?

Chapter 02:

Communal Nostalgia and De-fragmentation.

Communal Nostalgia:

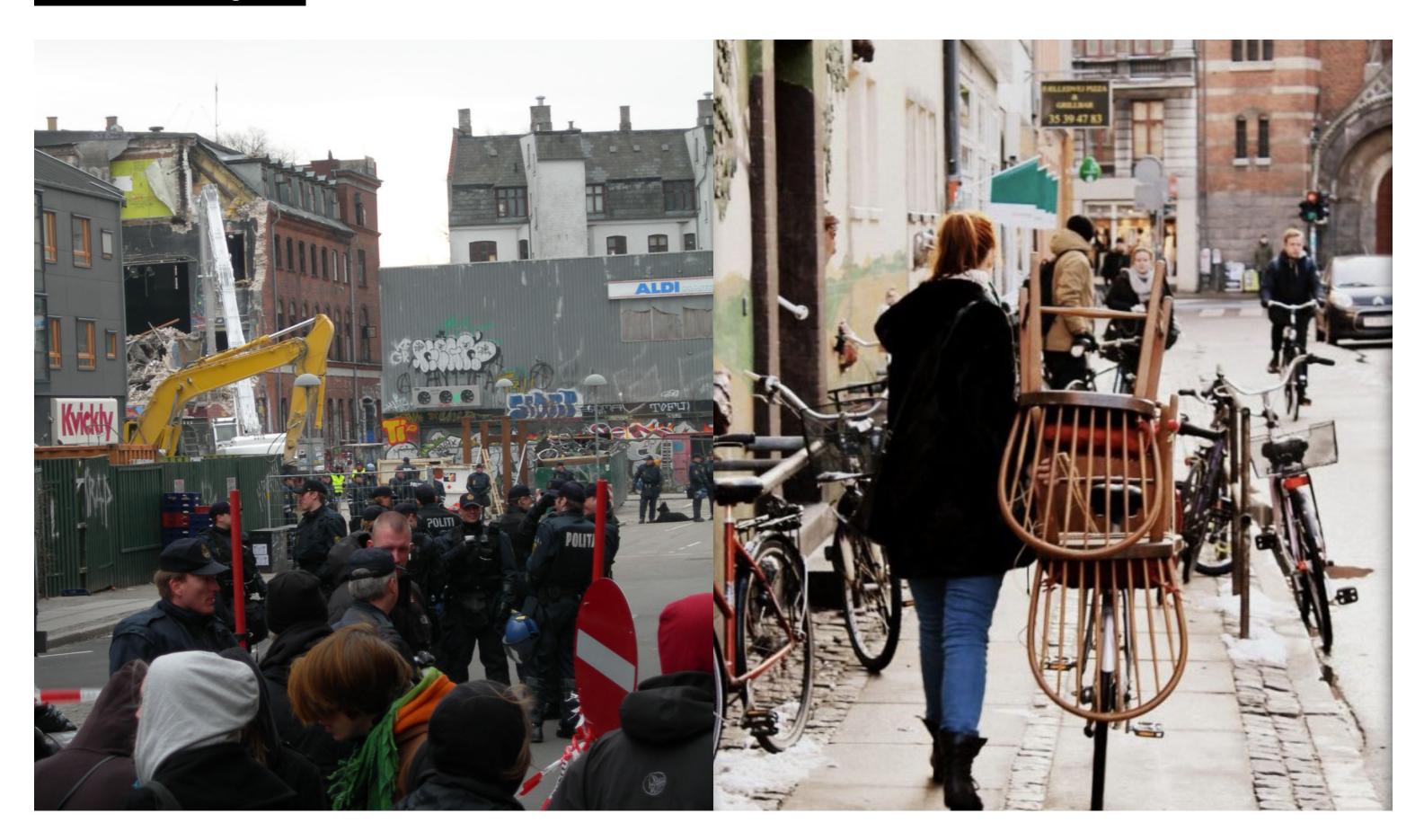
Nostalgic Depression:

a state of sadness triggered by memories on the past, often accompanied by a sense of loss.

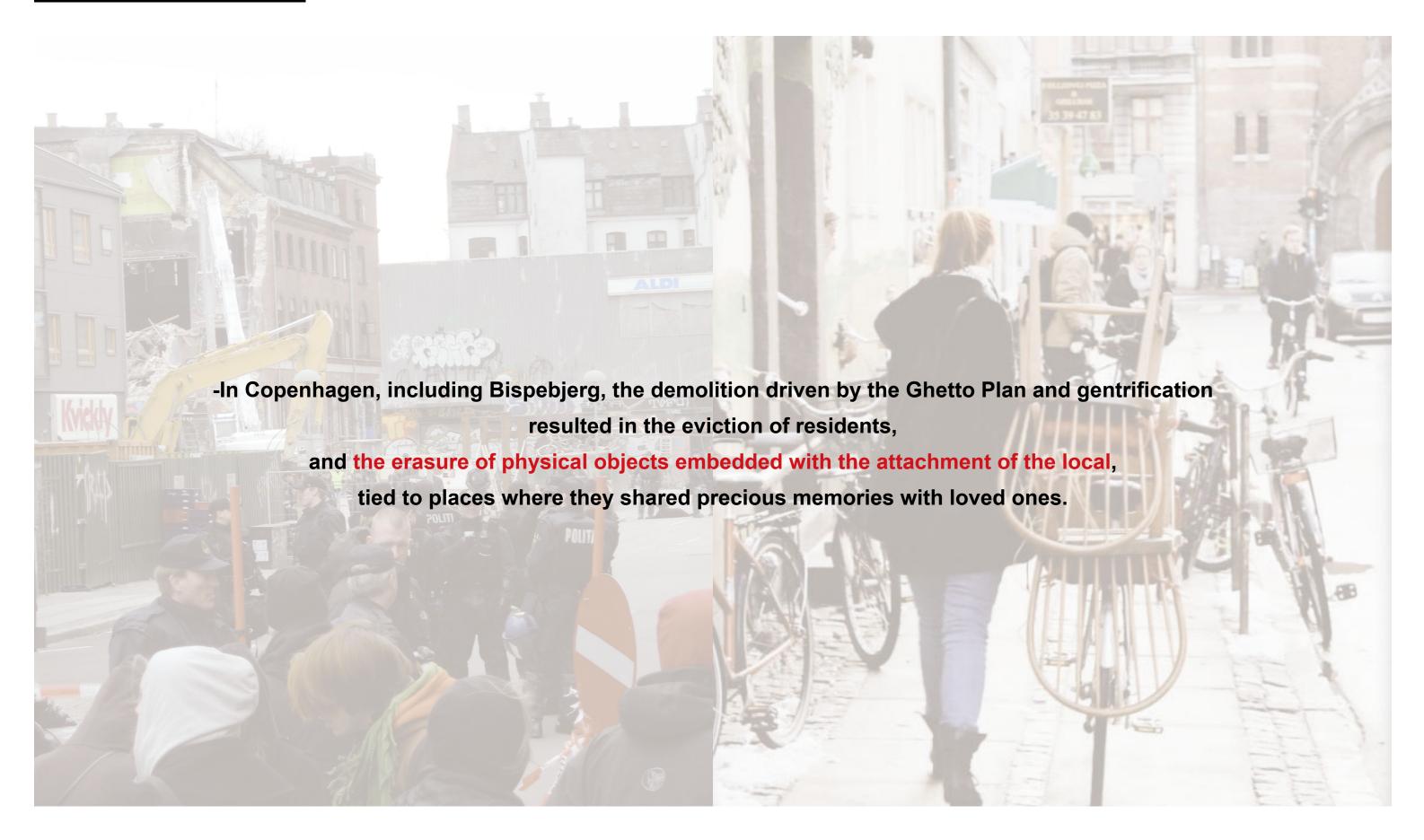
Communal Nostalgia:

a type of nostalgia focused on memories and emotions associated with a shared group, culture, or society.

Communal Nostalgia:



Communal Nostalgia:



De-fragment	ation:	
	-Built from the demolition, from the fragmented architectural elements and this public condenser will have a de-fragmentation	

De-fragmentation: As a Metaphor.

De-fragmentation:

-Rather than re-unification, it treats breakage and re-assemblage as part of the history and memory of the community and the architecture, not something need to disguise.

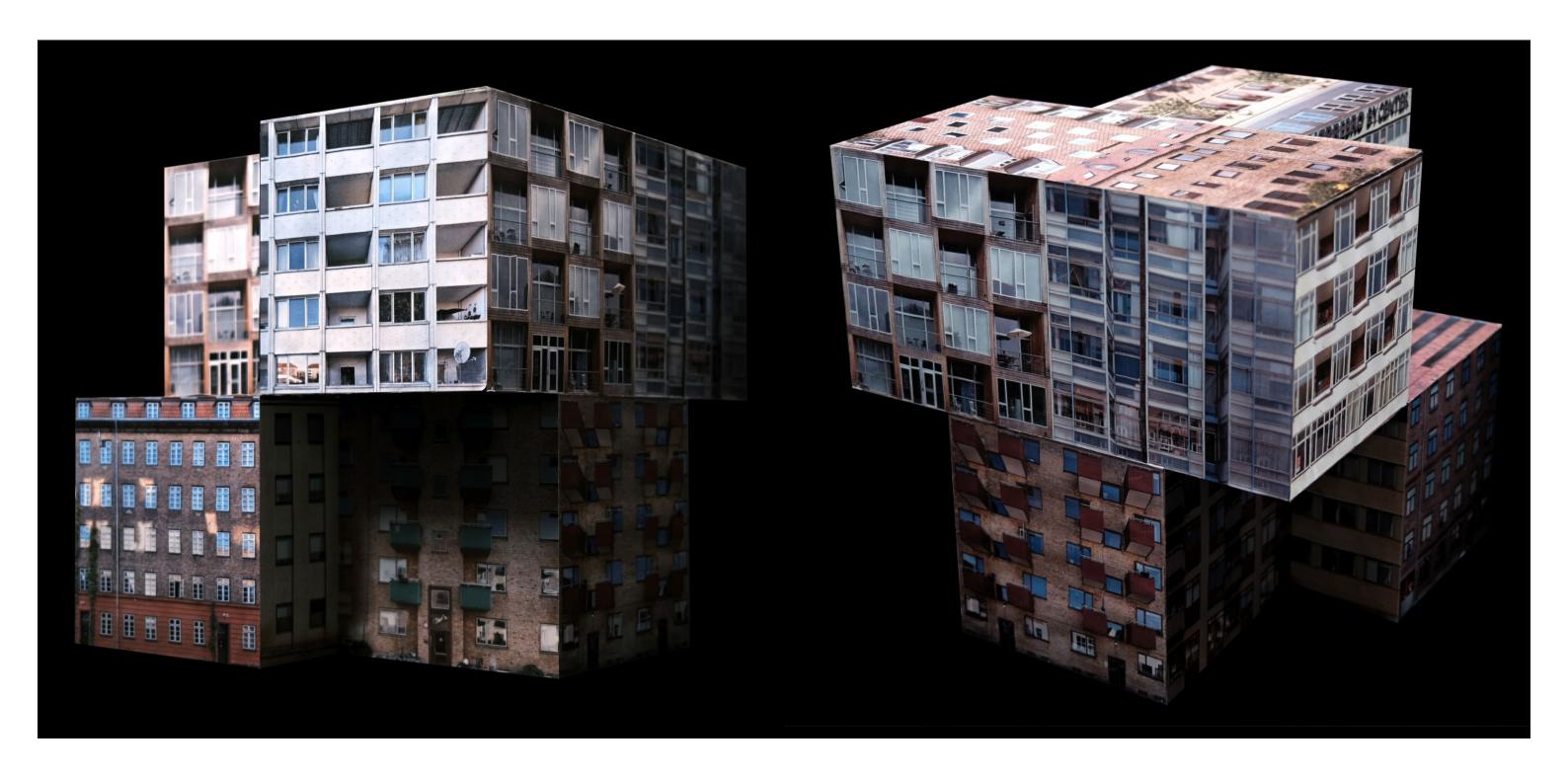
De-fragmentation:

Re-use: the materials from the demolished residential building.

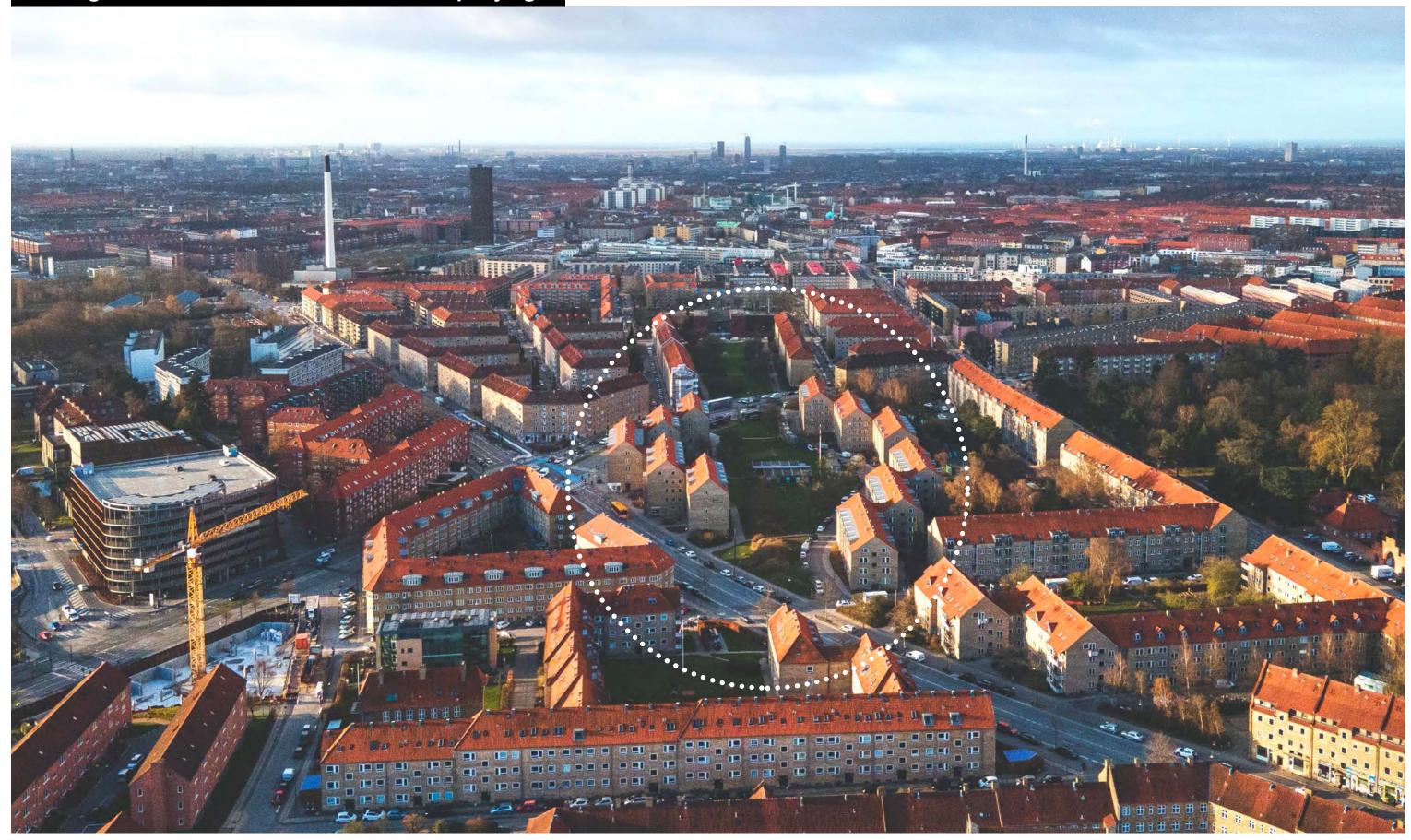
Re-call: the familiarity and nostalgia of the locals to the community.

Re-construct: the emotional bond between the public and community.

De-fragmentation: Concept Model

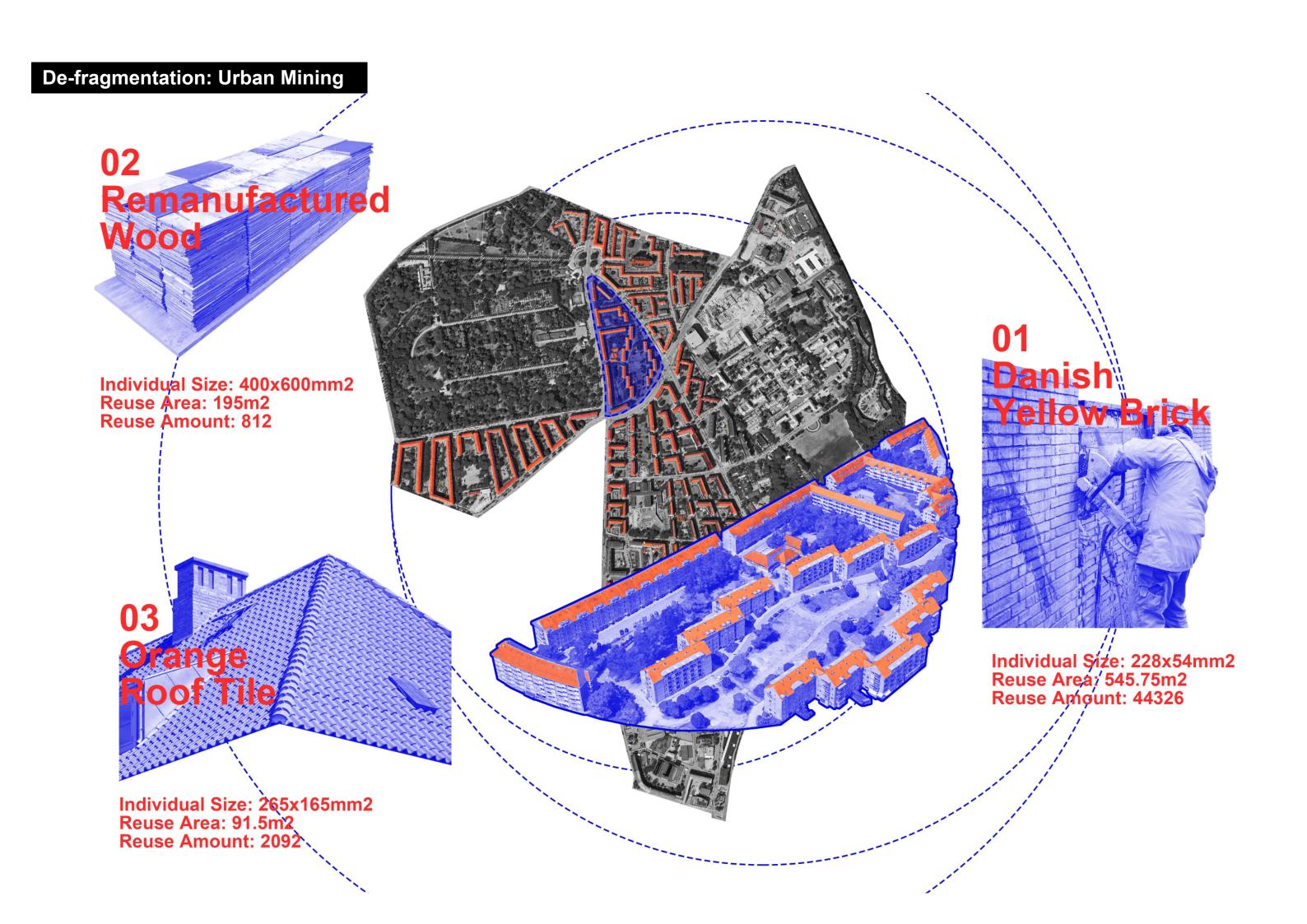


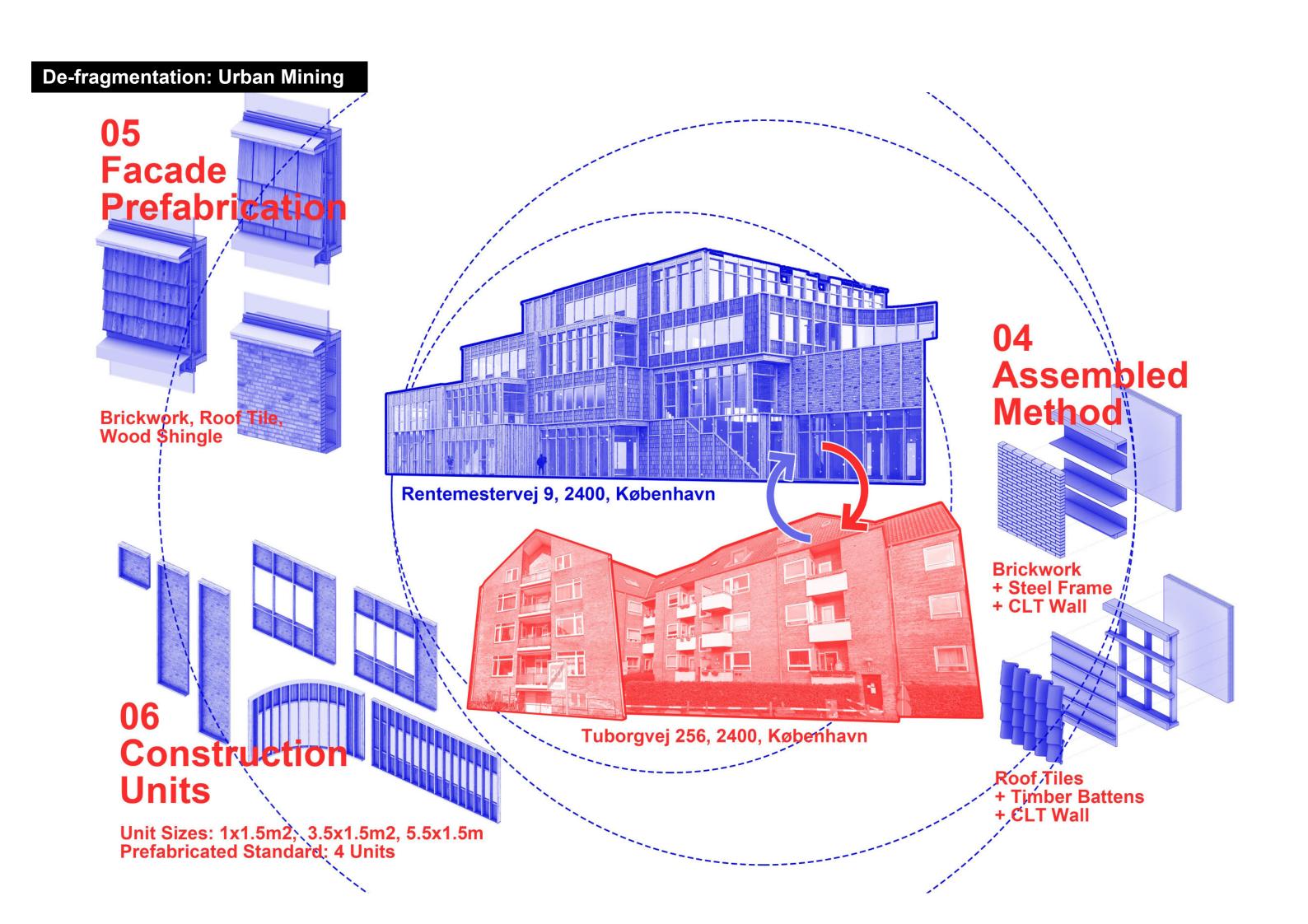
De-fragmentation: The Ghetto Plan in Bispebjerg



De-fragmentation: Urban Mining







De-fragmentation: Urban Mining Wood Shingles Brickwork **Roof Tiles Wood Batten**

De-fragmentation: Urban Mining



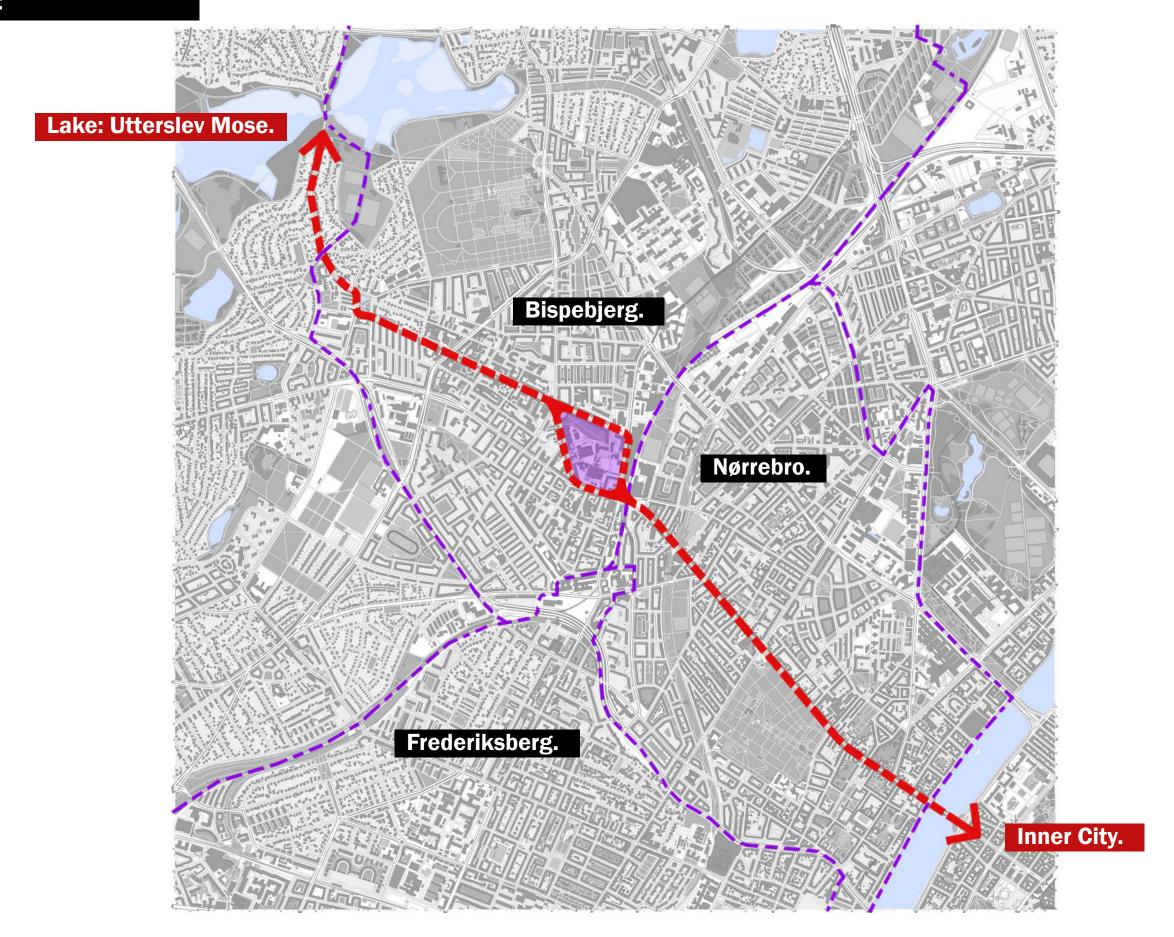
Chapter 03:

Bispebjerg: The Community Context.

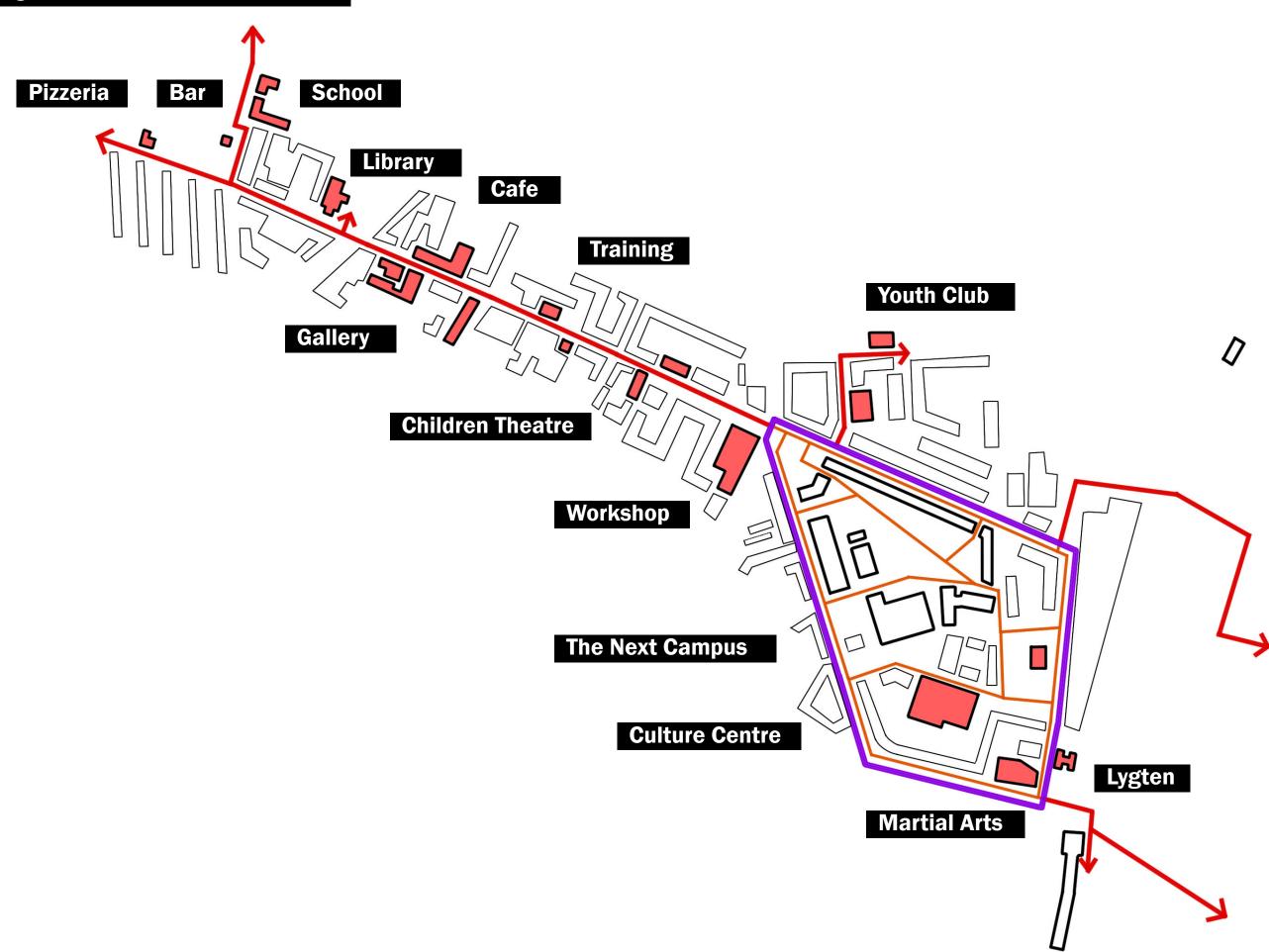
Bispebjerg:

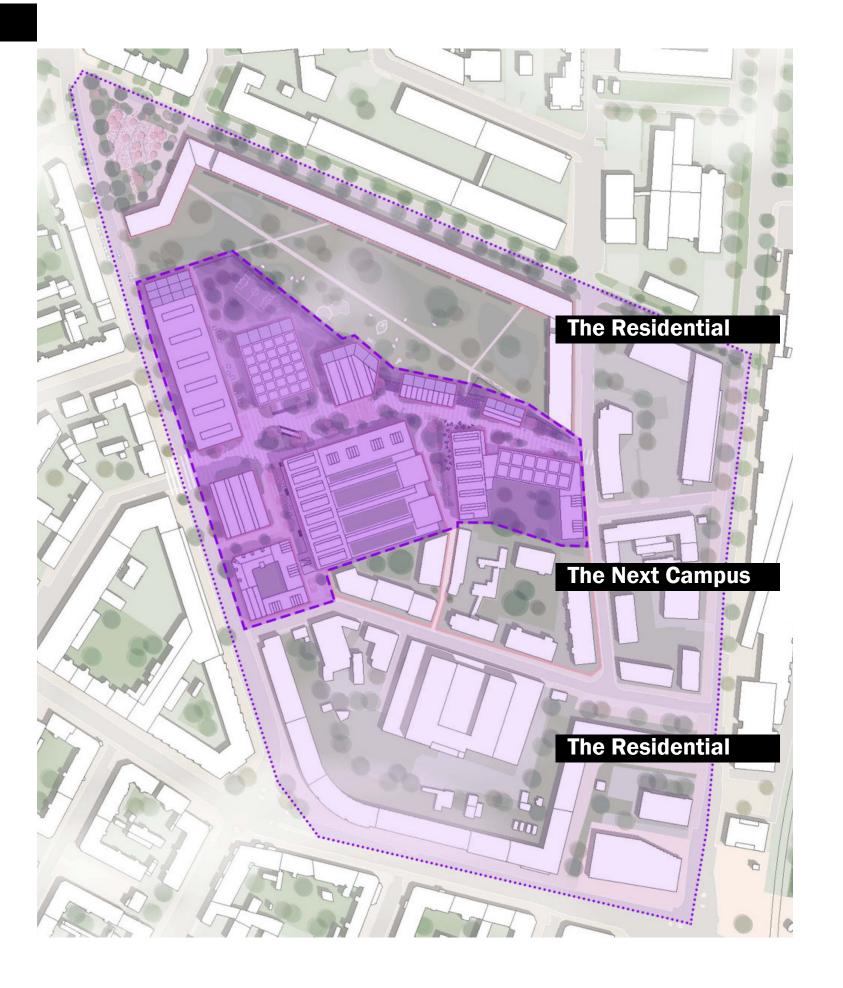
Bispebjerg Hospital. **Accesses: Hospital to Site** Nørrebro Station. Site. **Rural to Urban** Copenhagen University Hospital. Frederiksberg Hospital.

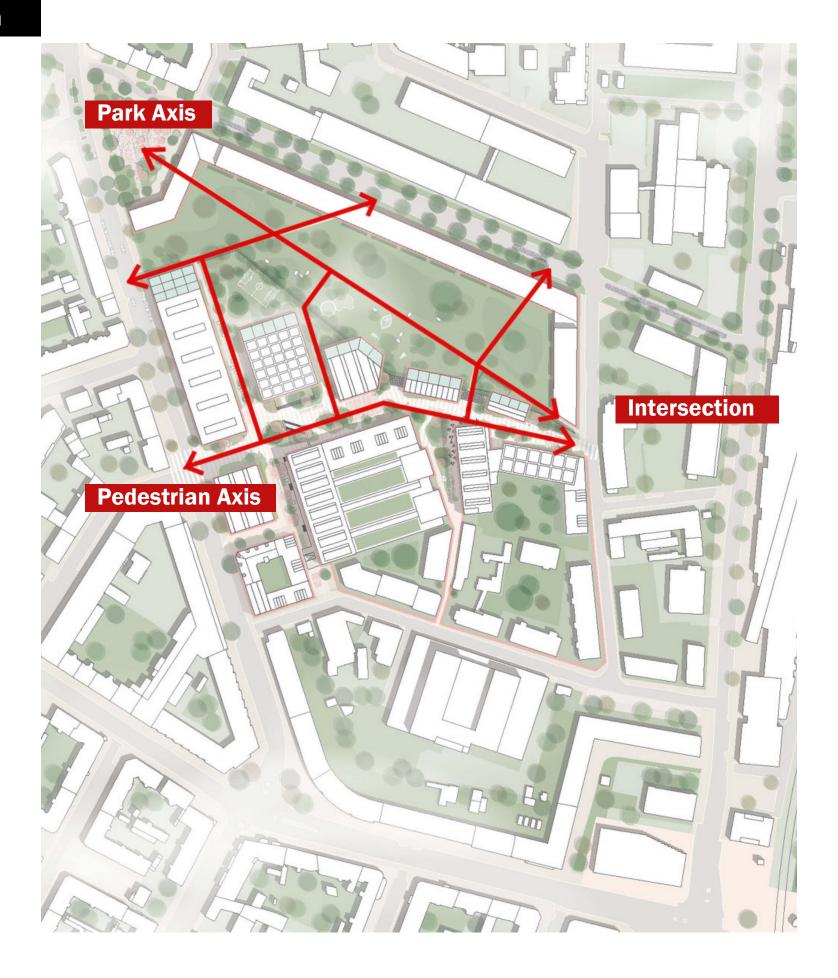
Residential Buildings within 1km and 3km

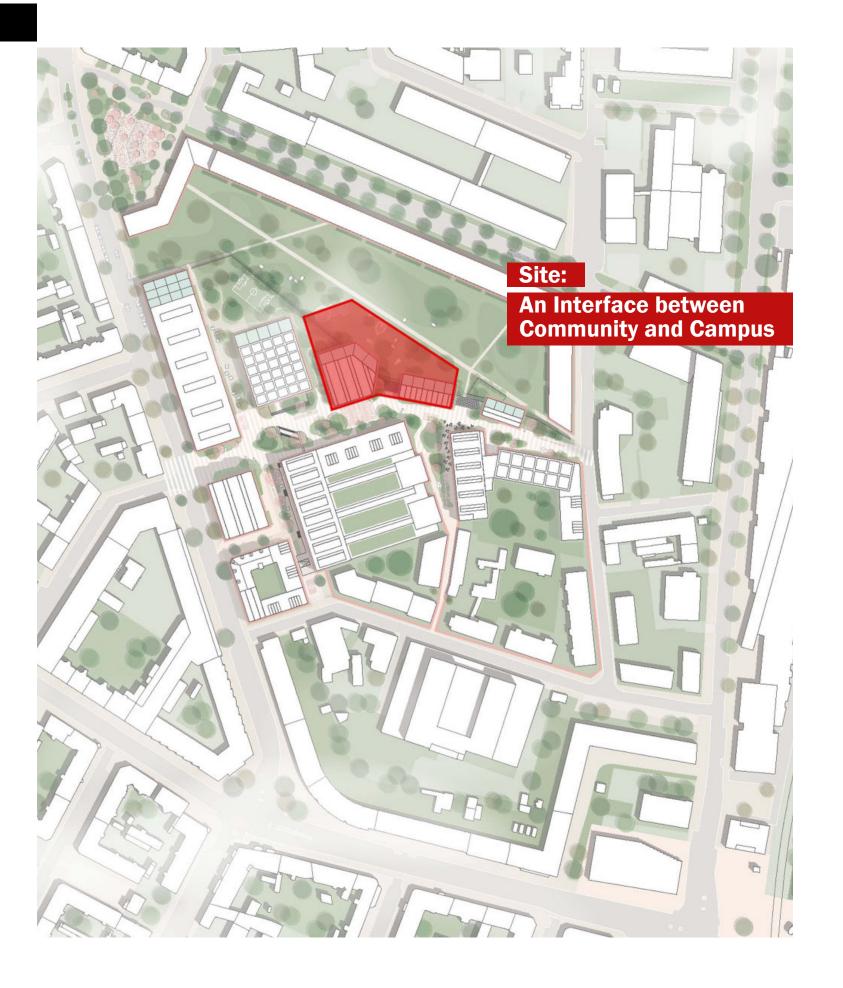


Bispebjerg: Axis of Cultural Facilities









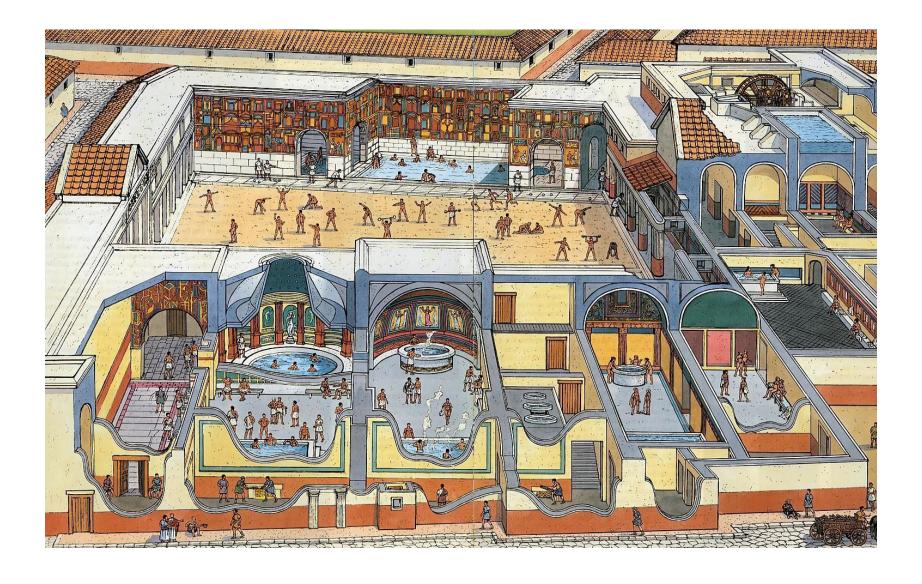
Chapter 04:

Community Centre as the Un-Fragmented Nostalgia

Chapter 04-1:

Building Functions.

Functions: A Bathhouse Complex.



Hydro-Therapy: Hybrid-Functions: Bath as therapy to Prevent and Heal Depression
Bathhouse Complex as Community Centre

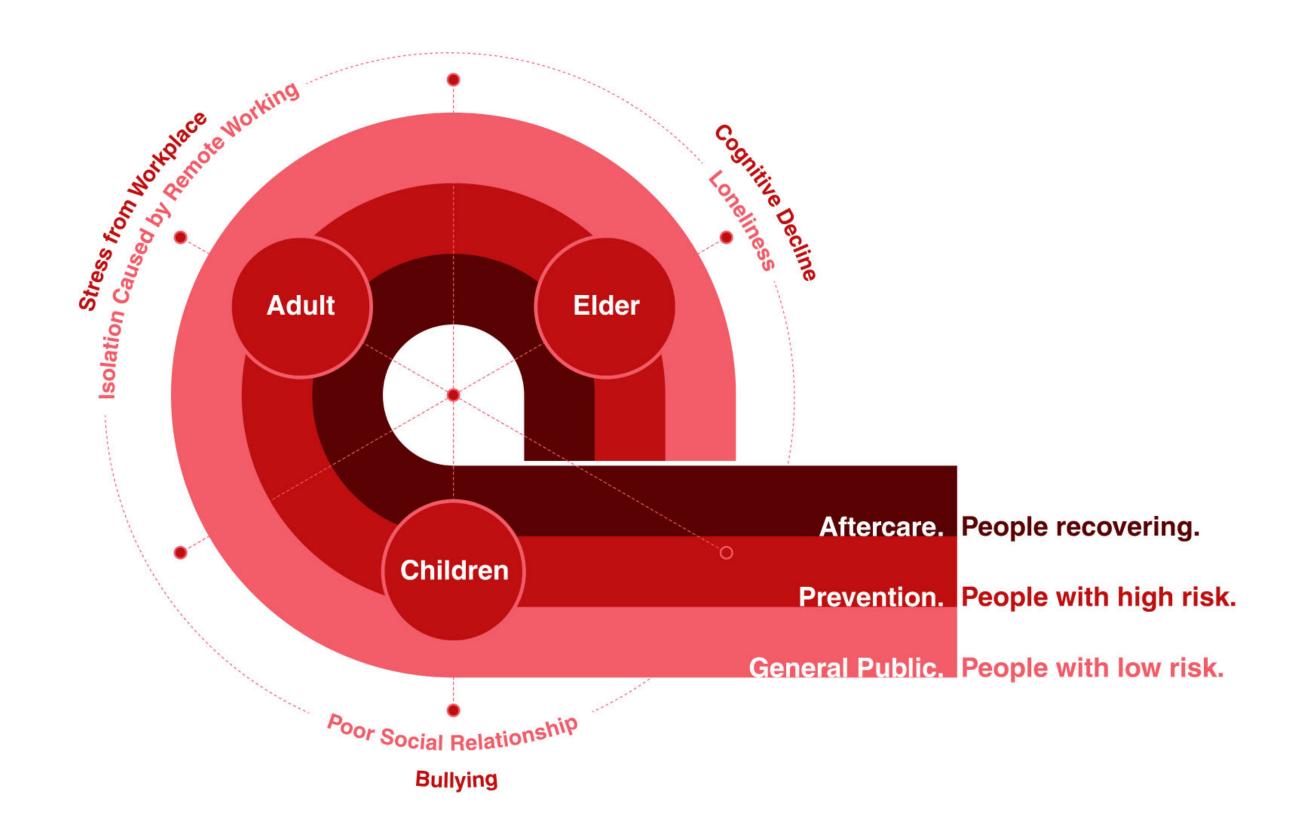
Functions: A Bathhouse Complex.



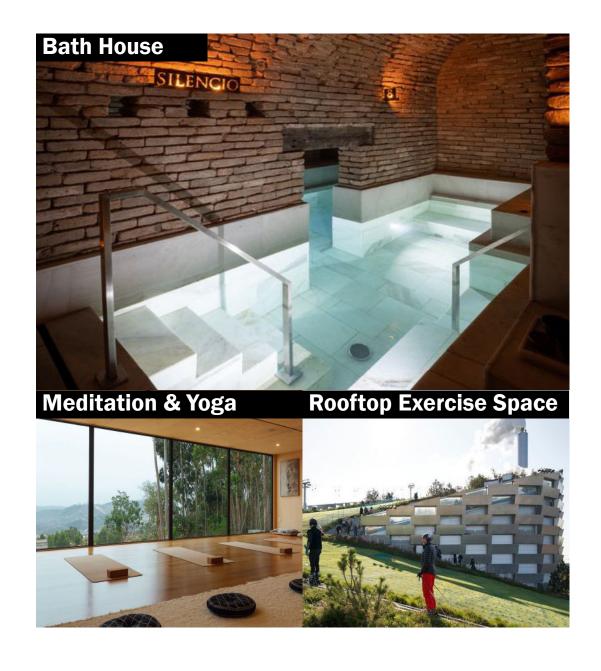
Nordic Bath Culture History:

From Hygiene Purpose to Experience.

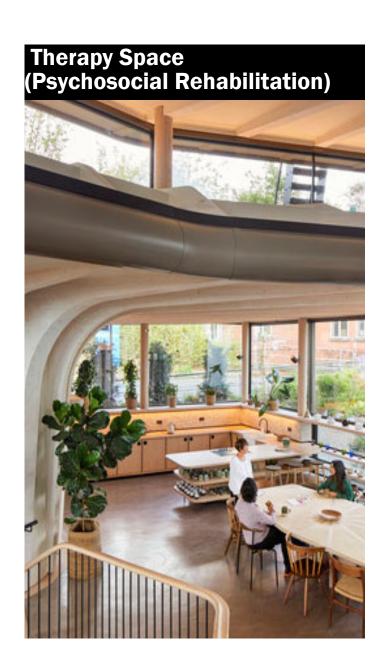
Functions: Tailored by Ages.



Functions: Tailored by Ages.





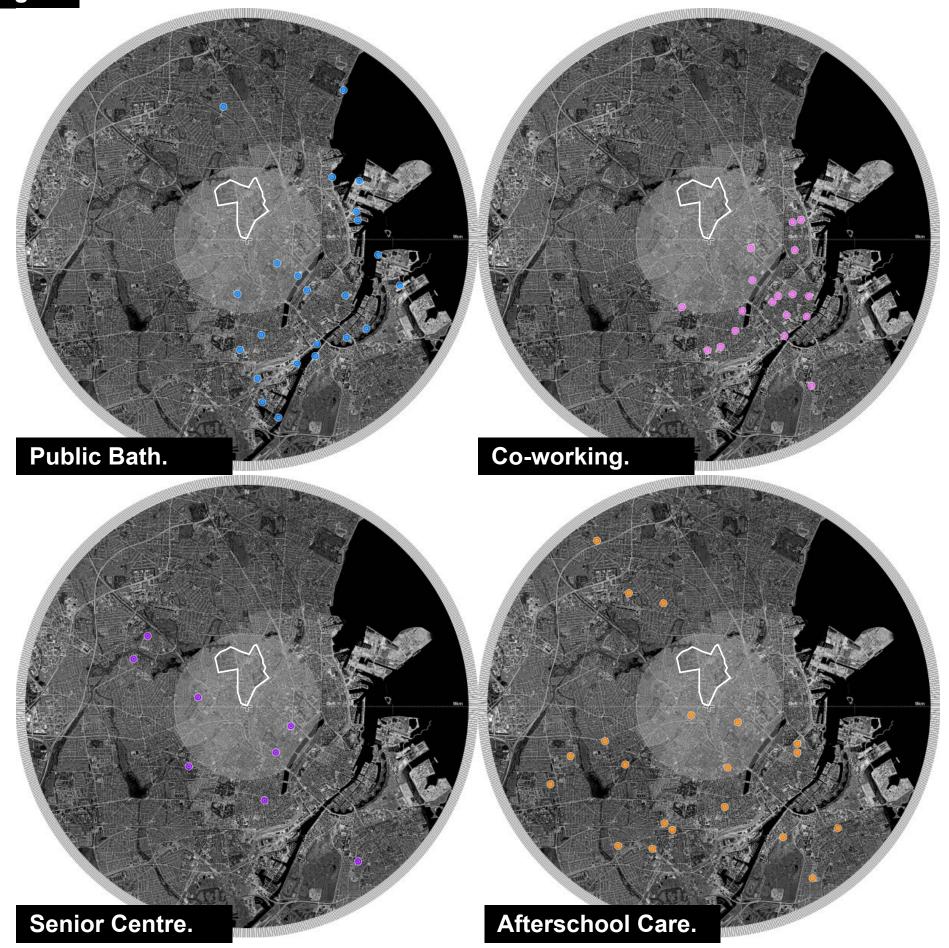


General Public.

Prevention.

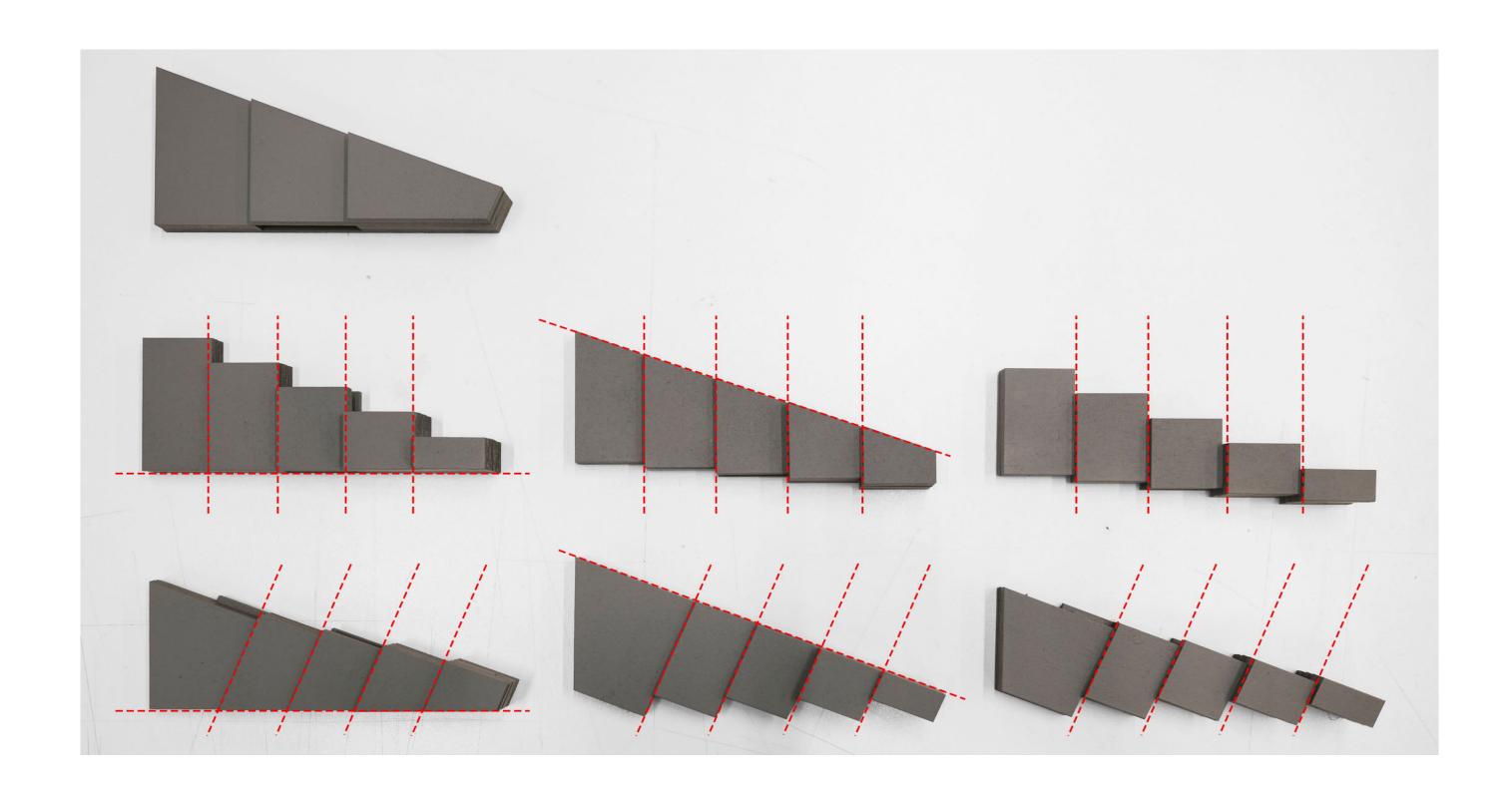
Aftercare.

Functions: Tailored by Ages.

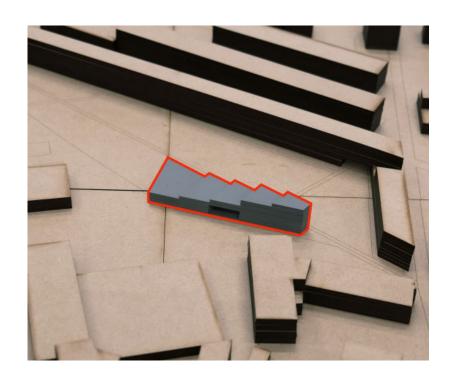


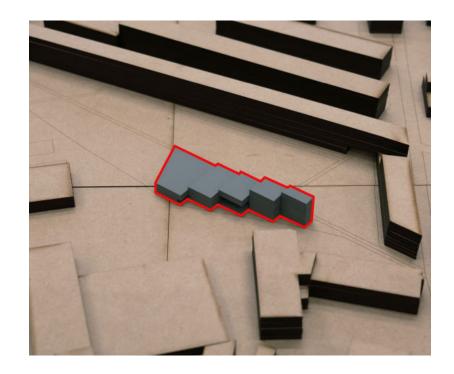
Chapter 04-2:
Massing.

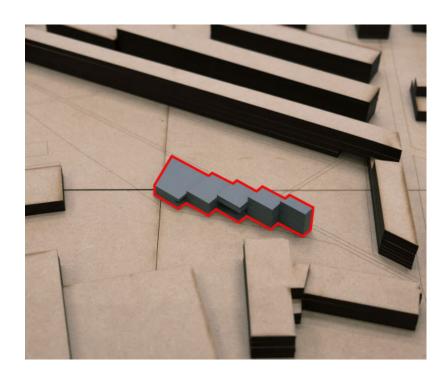
Massing Iterations:

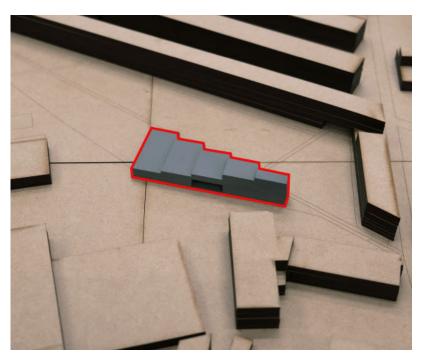


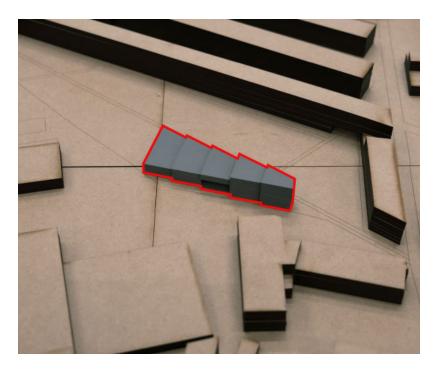
Massing Iterations:

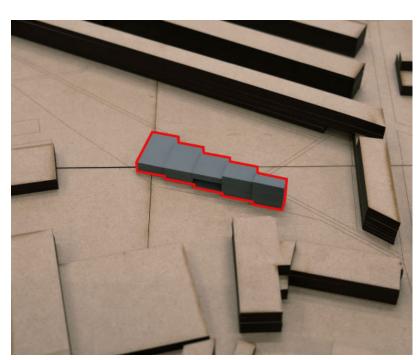


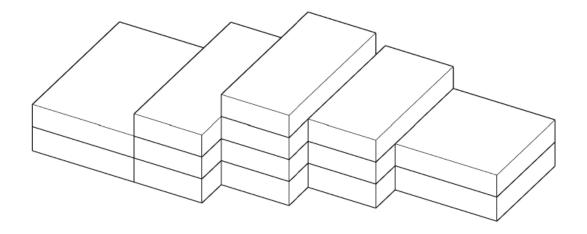




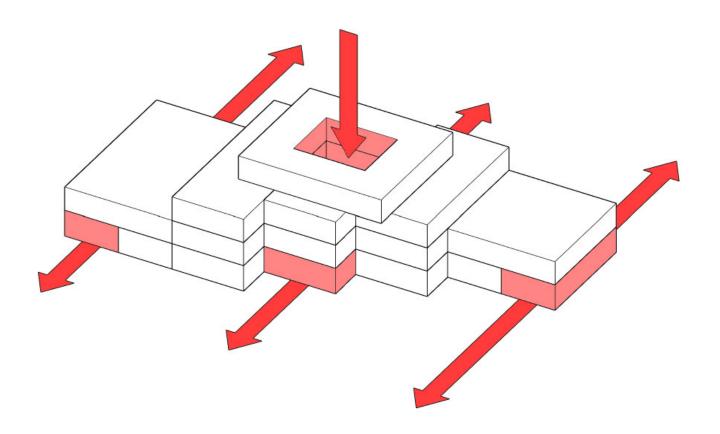




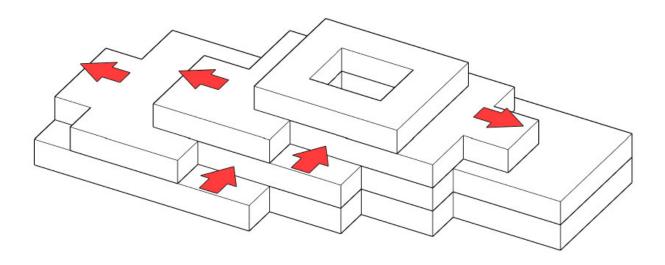




Stacking: Stacking Functions in a Parallel and Terraced Way.



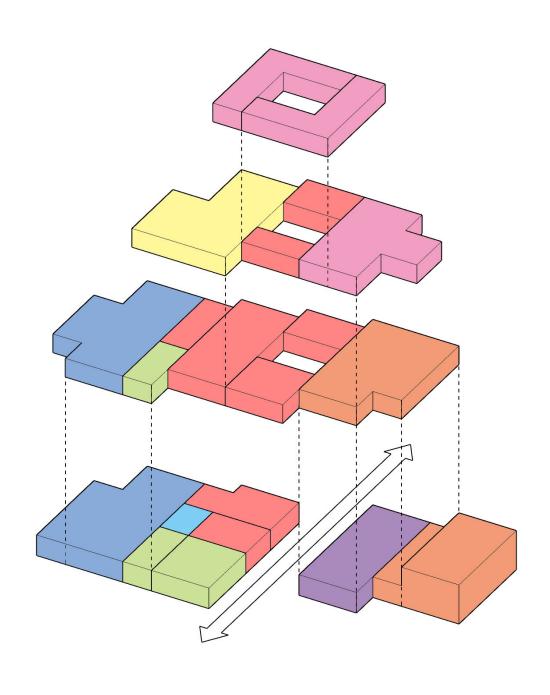
Accessing: Passages communicating the campus, building and park.



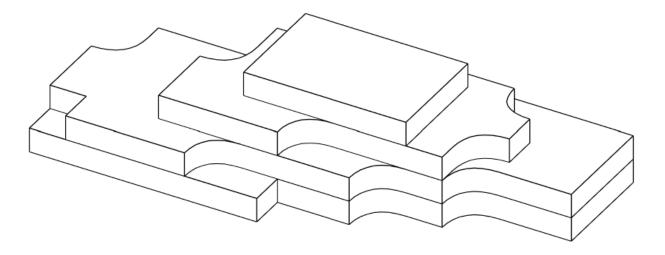
Forming: Adjusting vol

Adjusting volumes according to areas of functions.

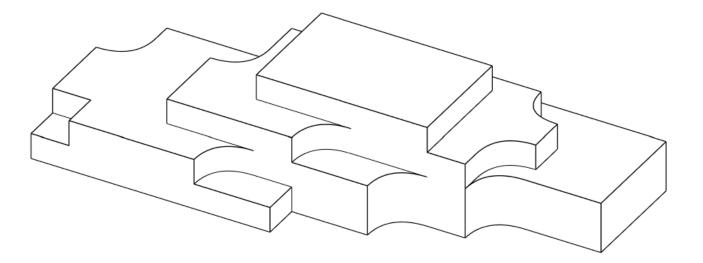
Massing Functions:





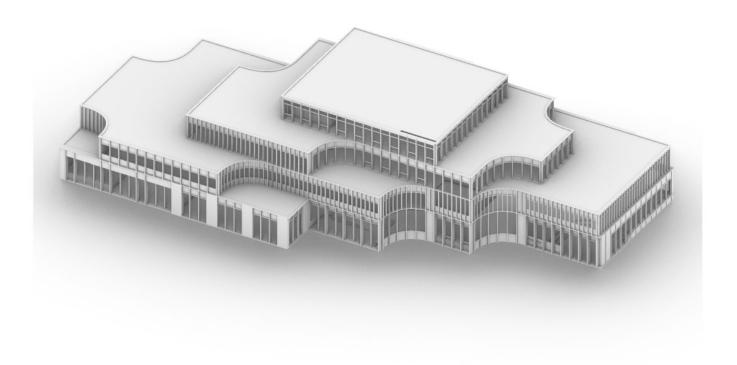


Forming: Adjusting facade impression towards the campus.



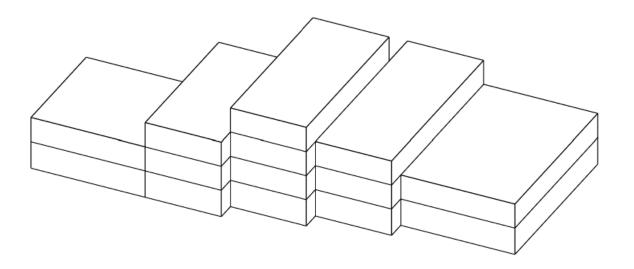
Finalising:

Combining the facade layers as a single entity.

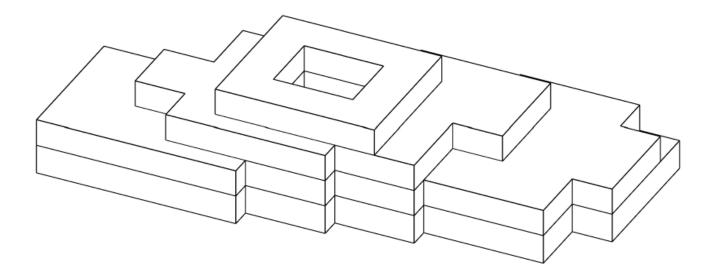


Finalising:

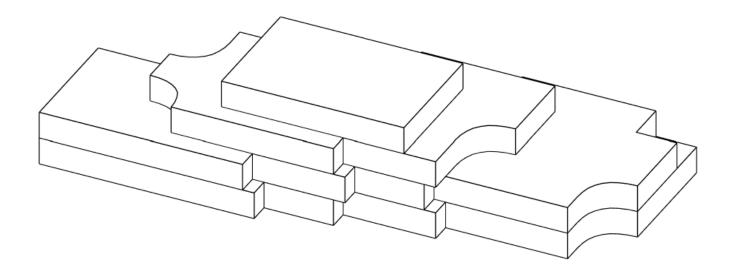
Designing the openings according to functions.



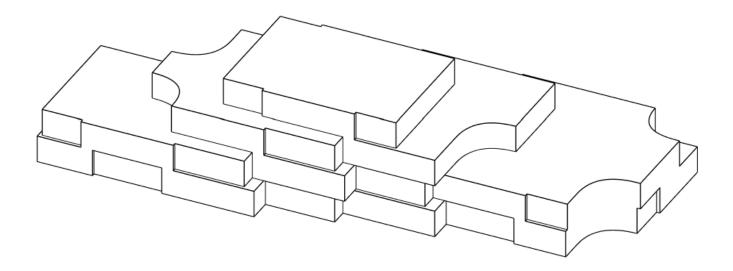
Stacking: Stacking Functions in a Parallel and Terraced Way.



Forming: Adjusting volumes according to areas of functions.

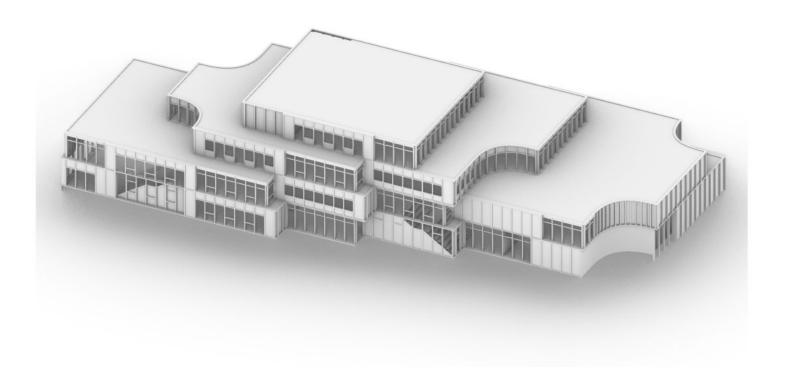


Forming: Adjusting facade impression towards the park.



Finalising:

Combining the facade layers as a single entity.



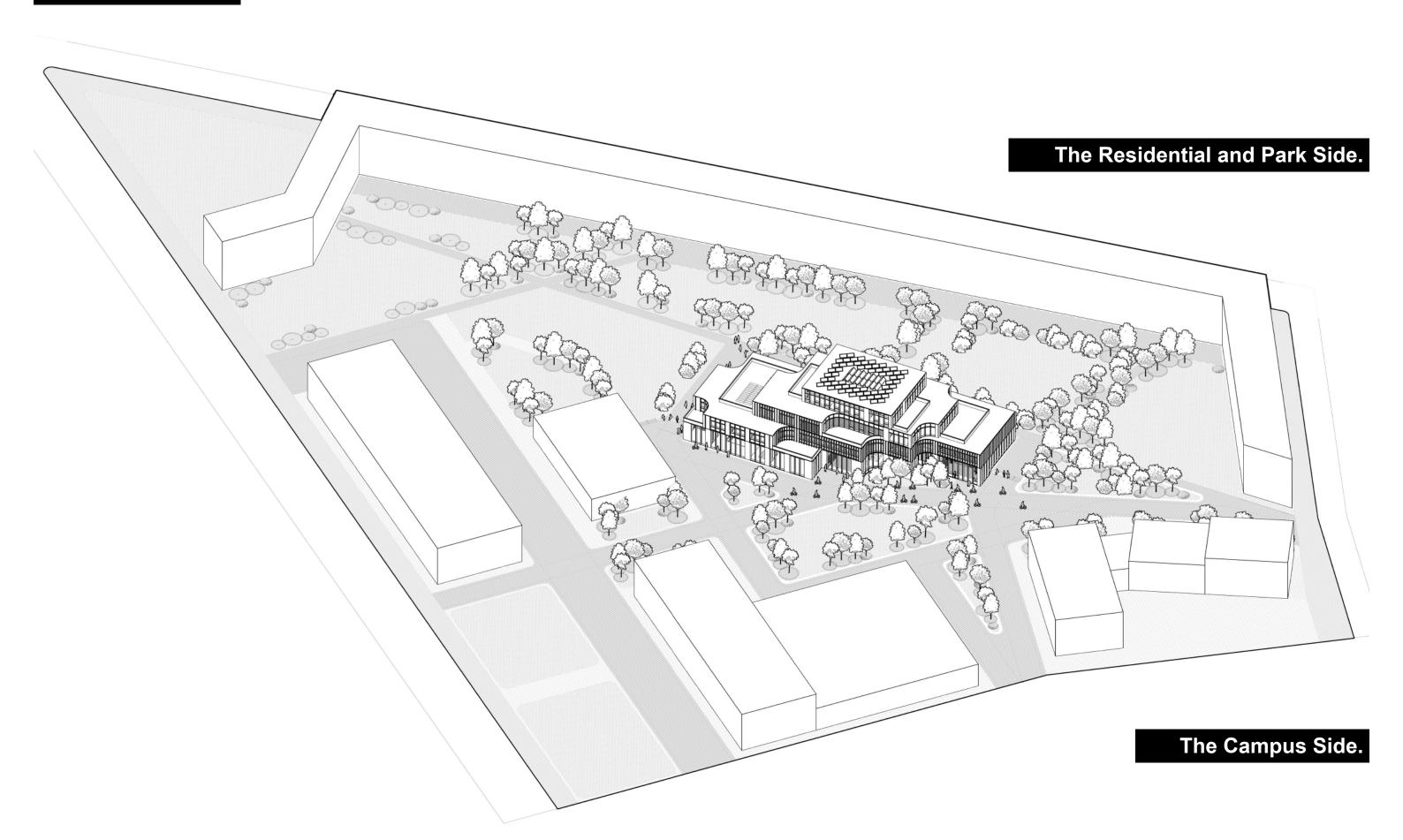
Finalising:

Designing the openings according to functions.

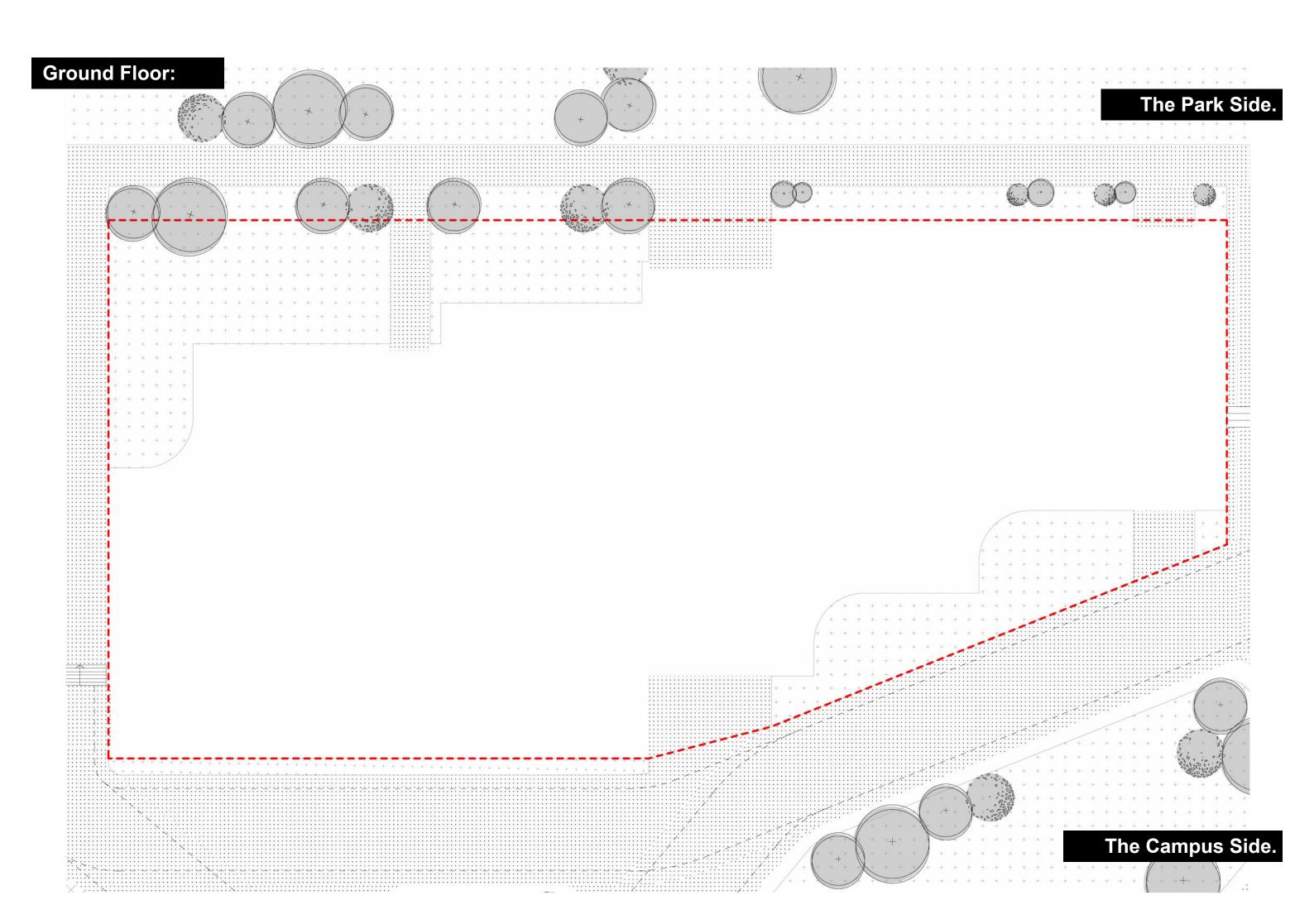
Chapter 04-3:

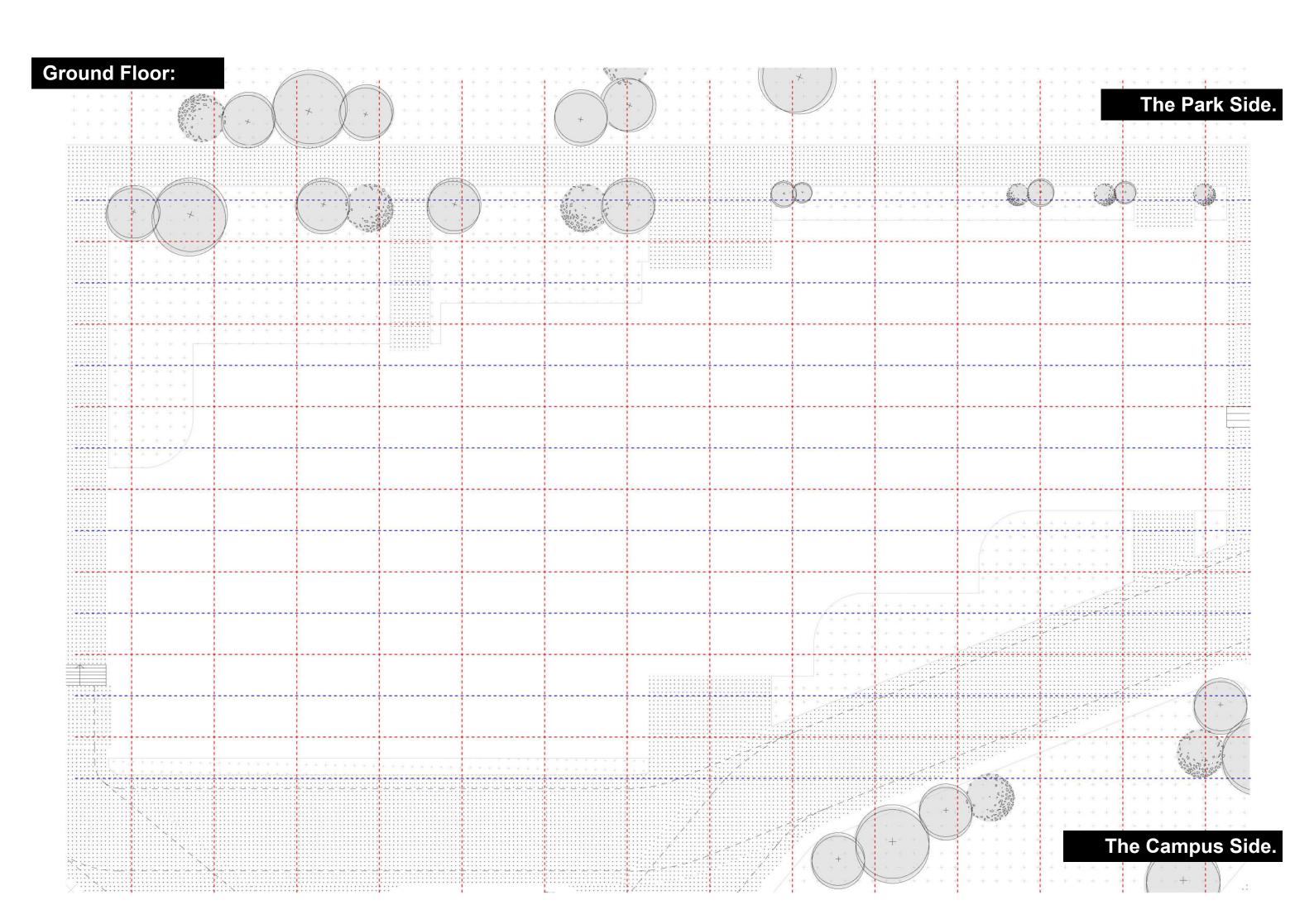
Floor Plans, Sections, and Building Climate.

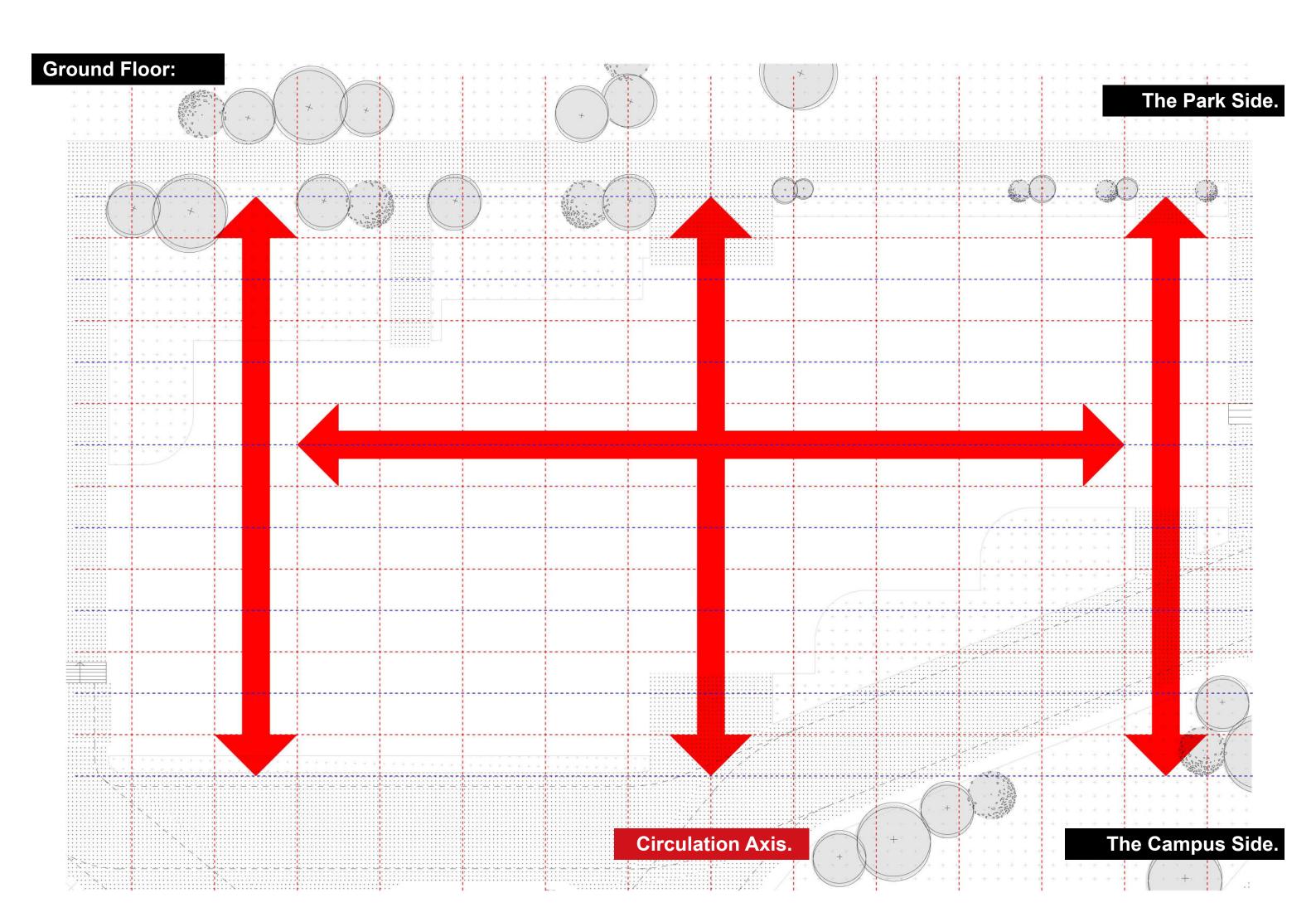
Building in Site:

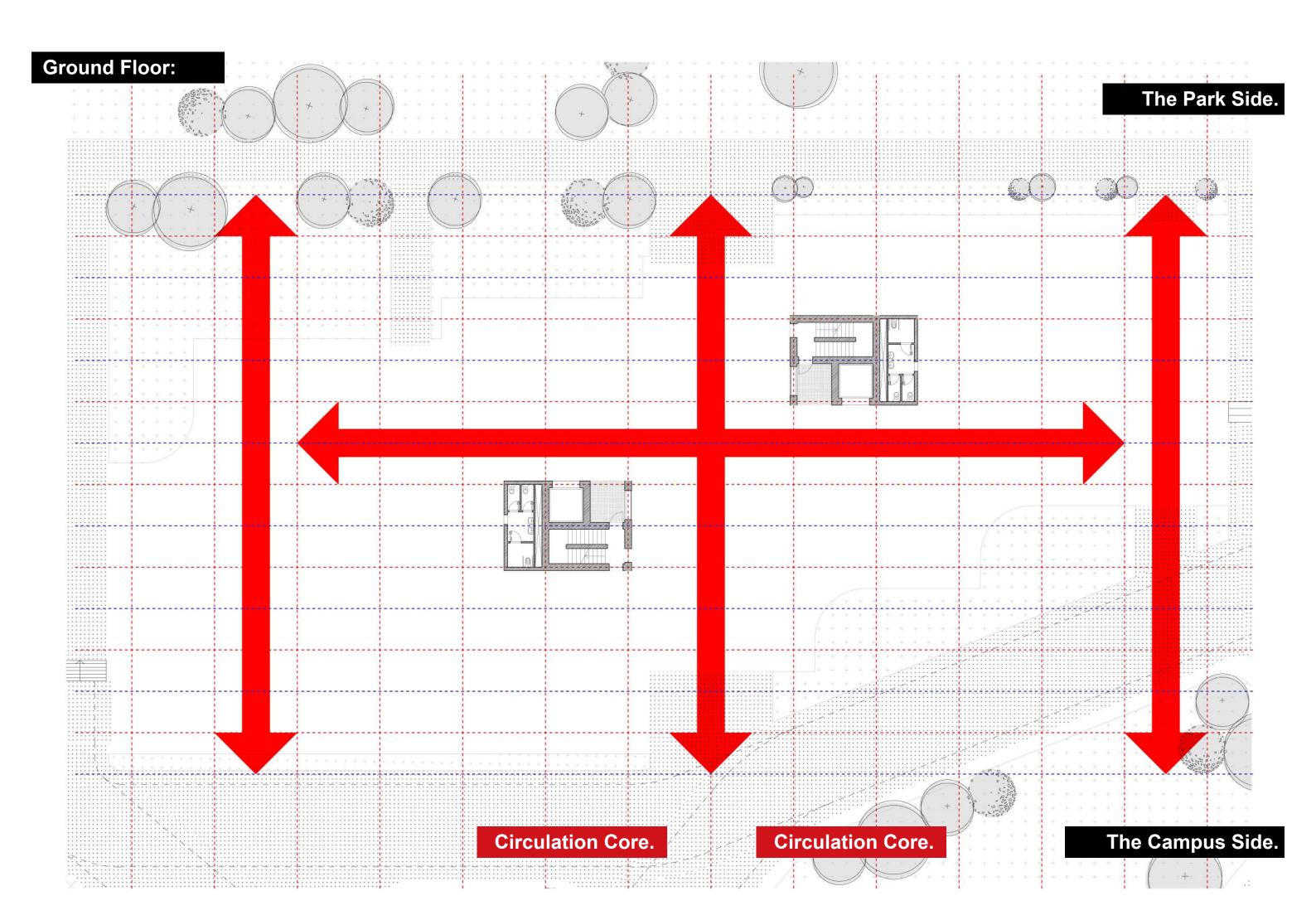


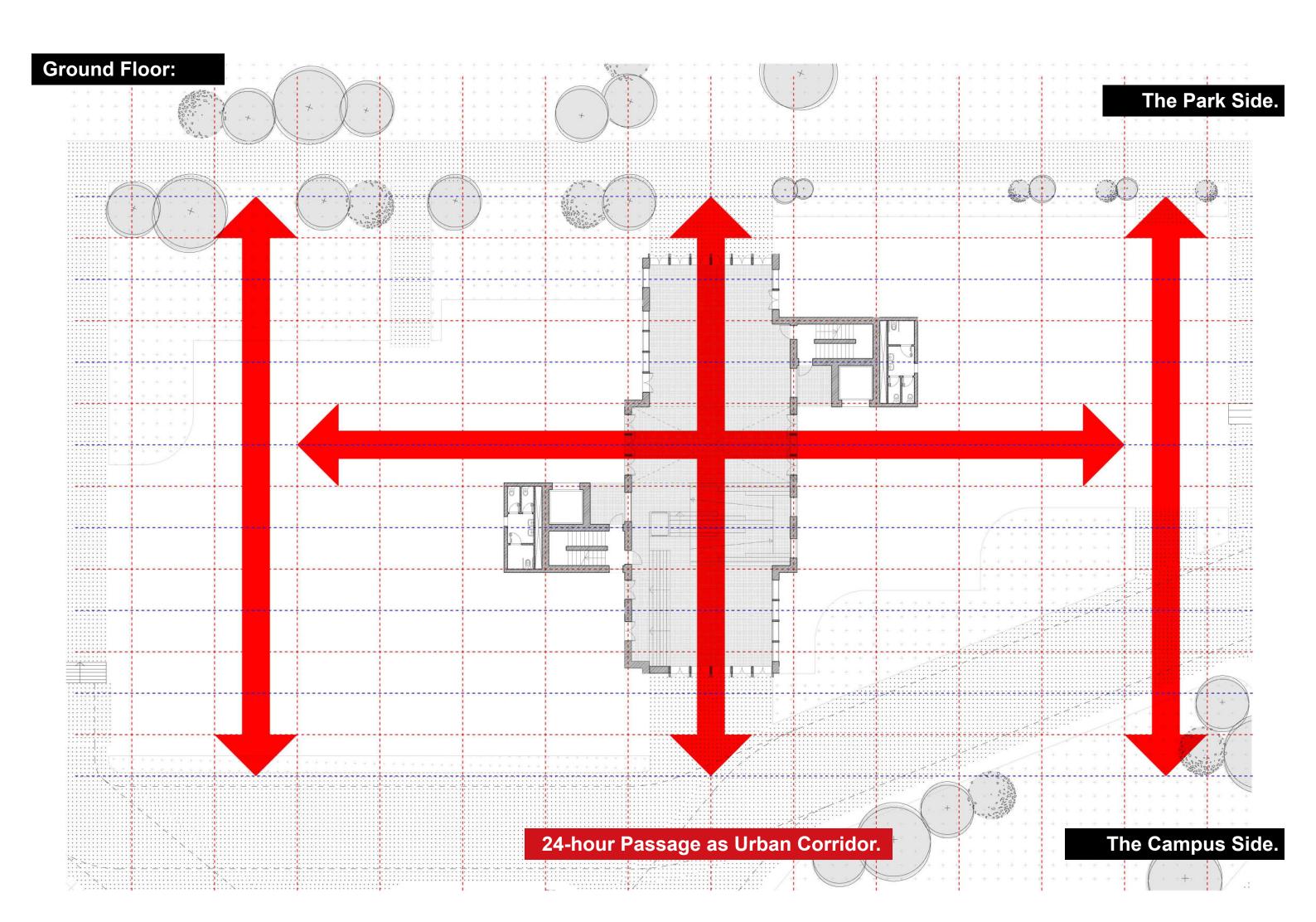


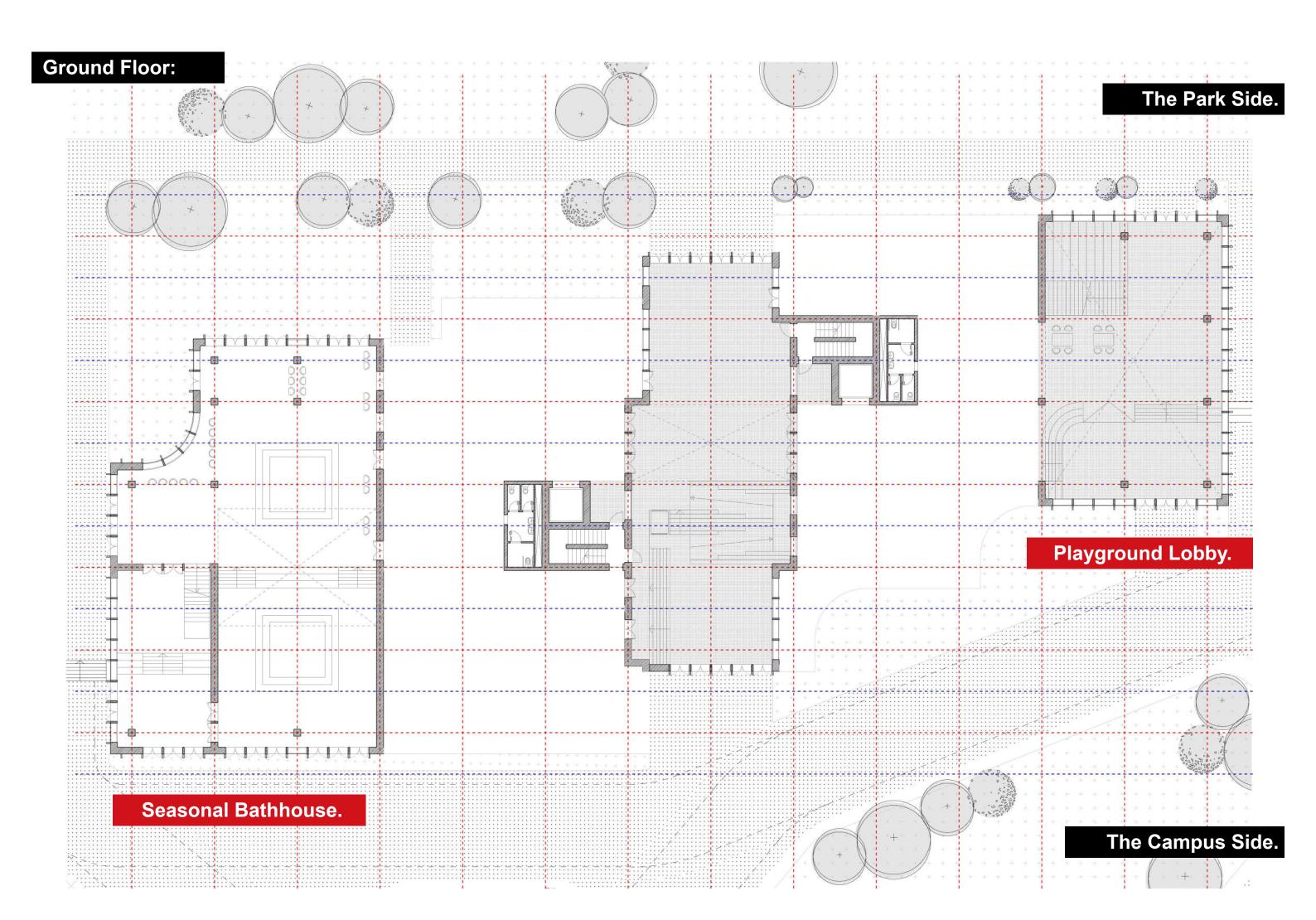


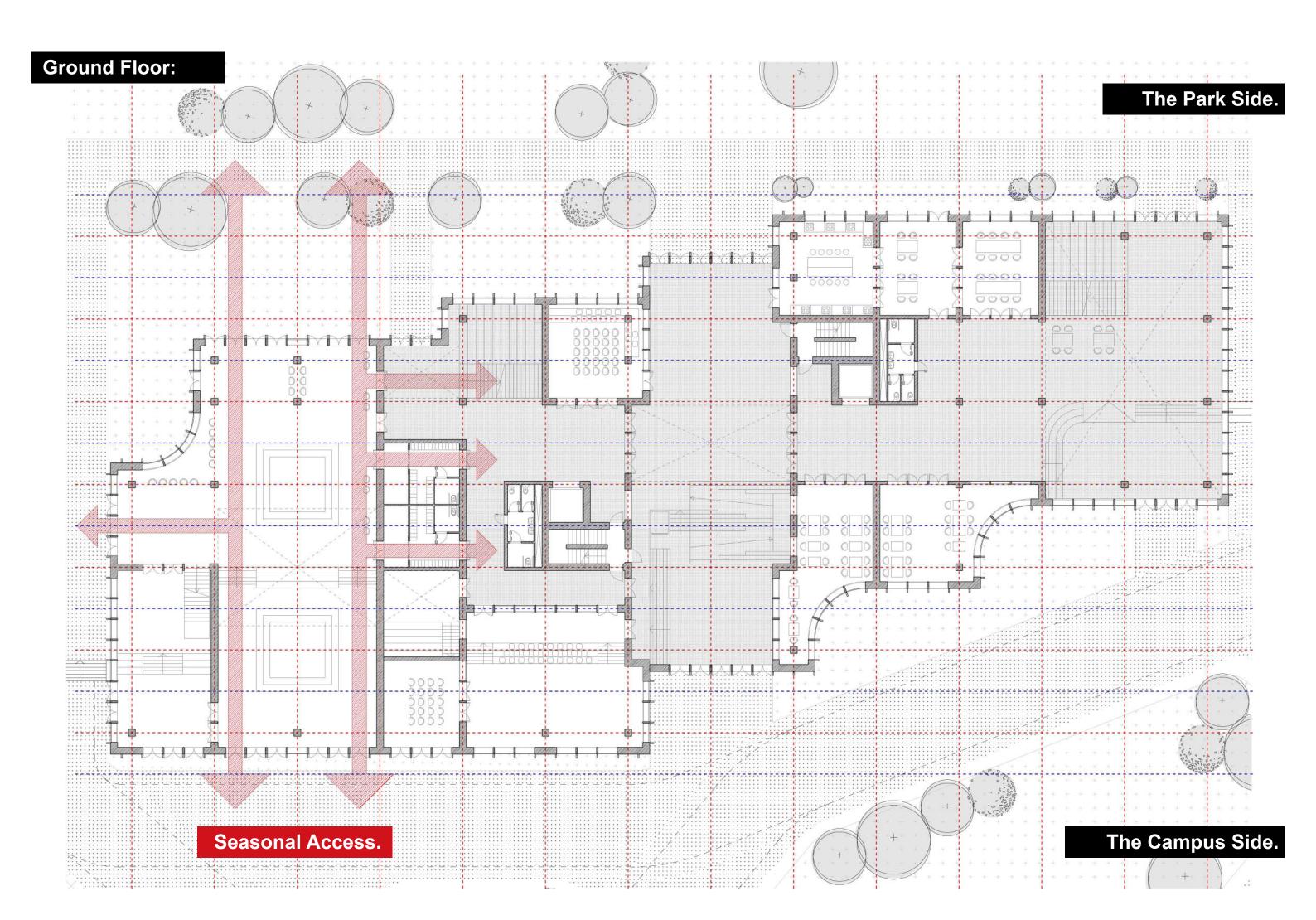


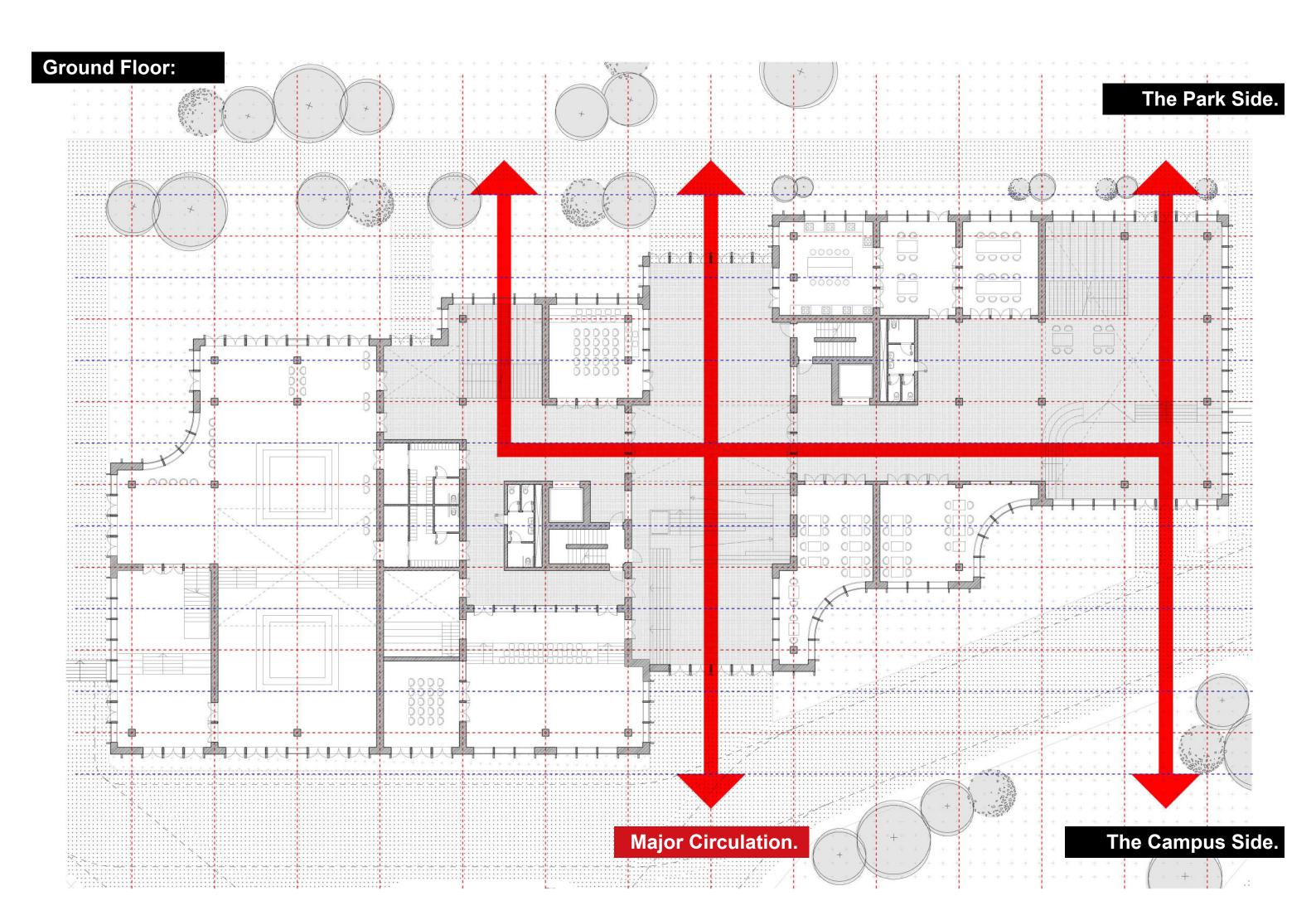


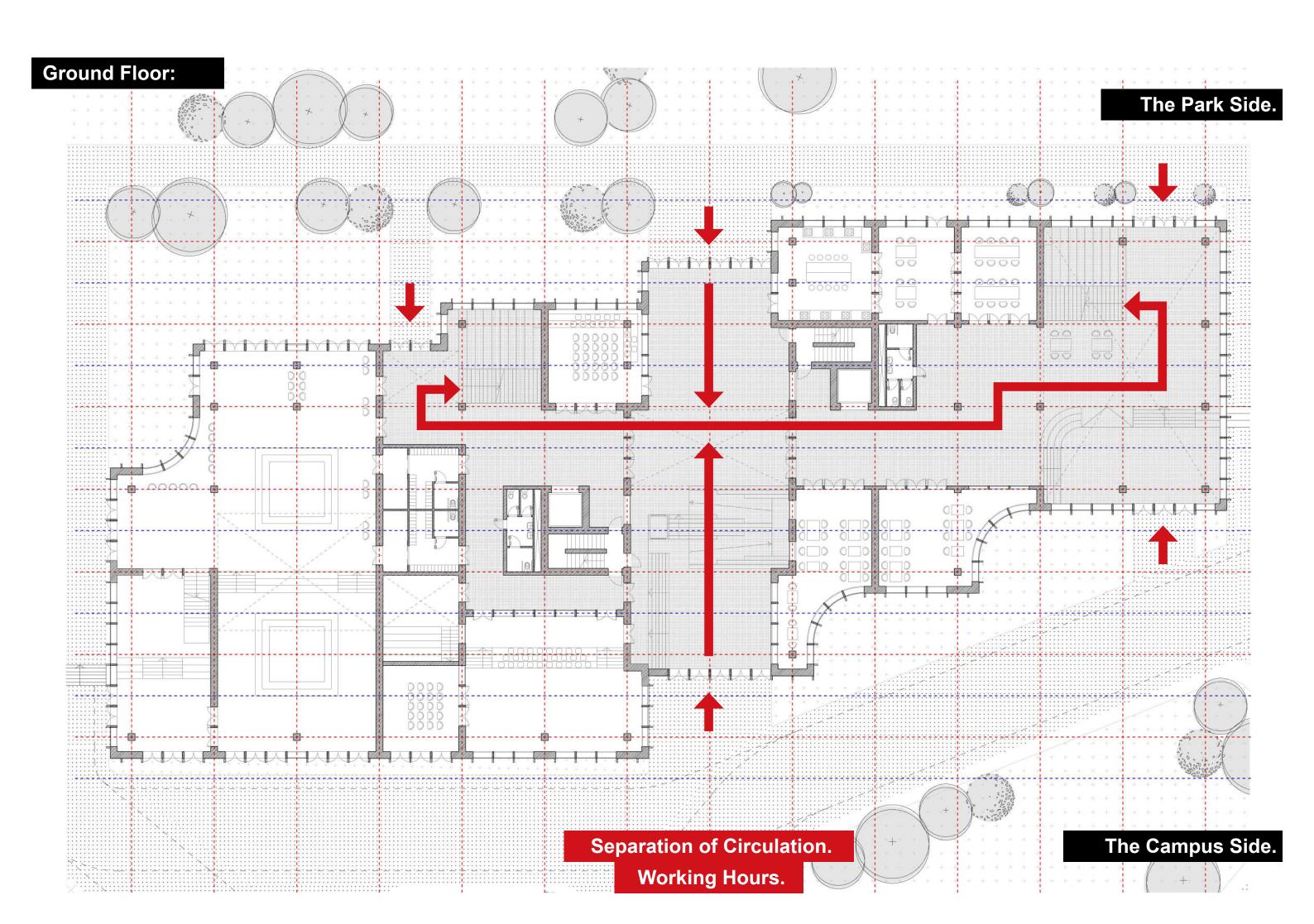


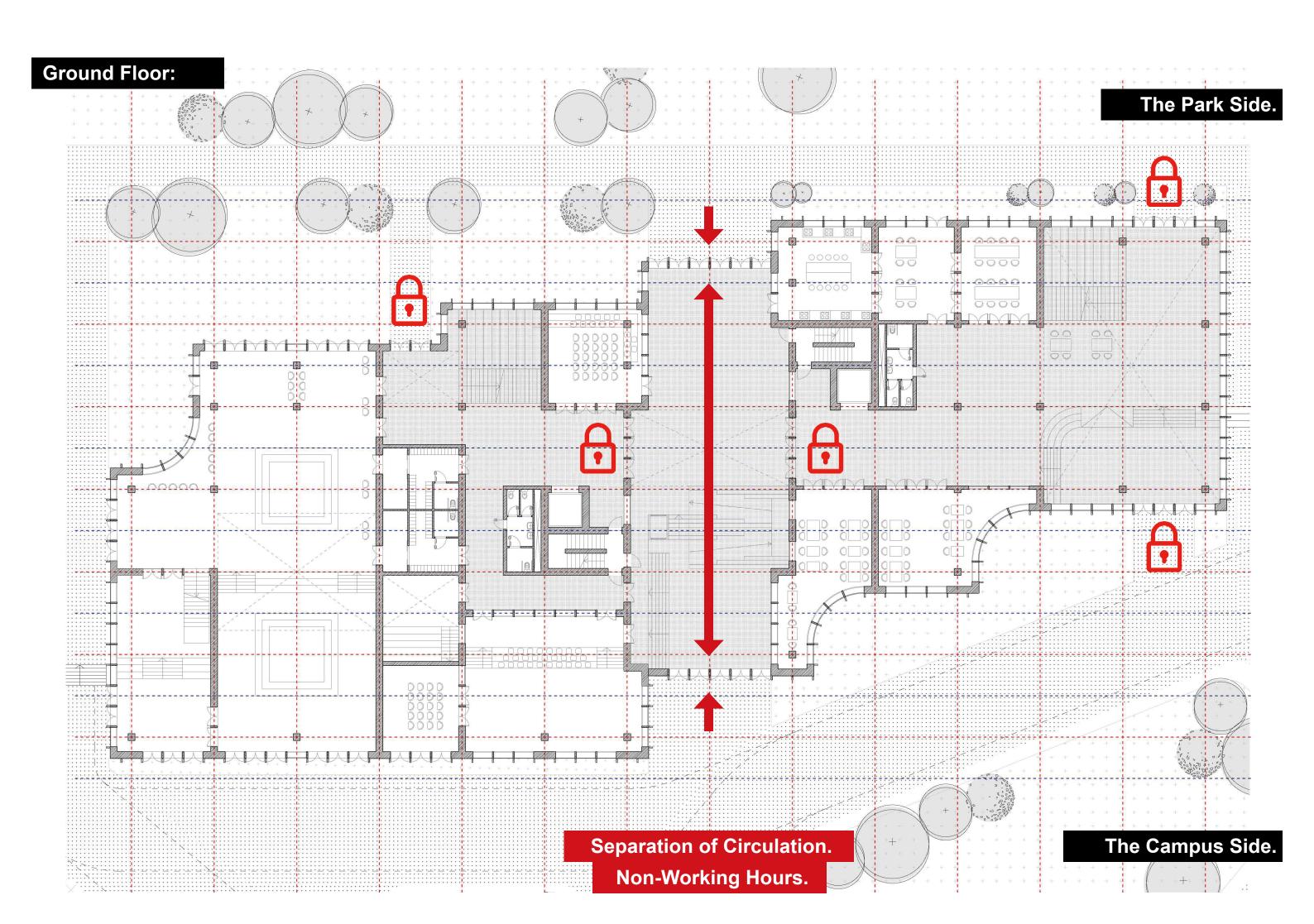




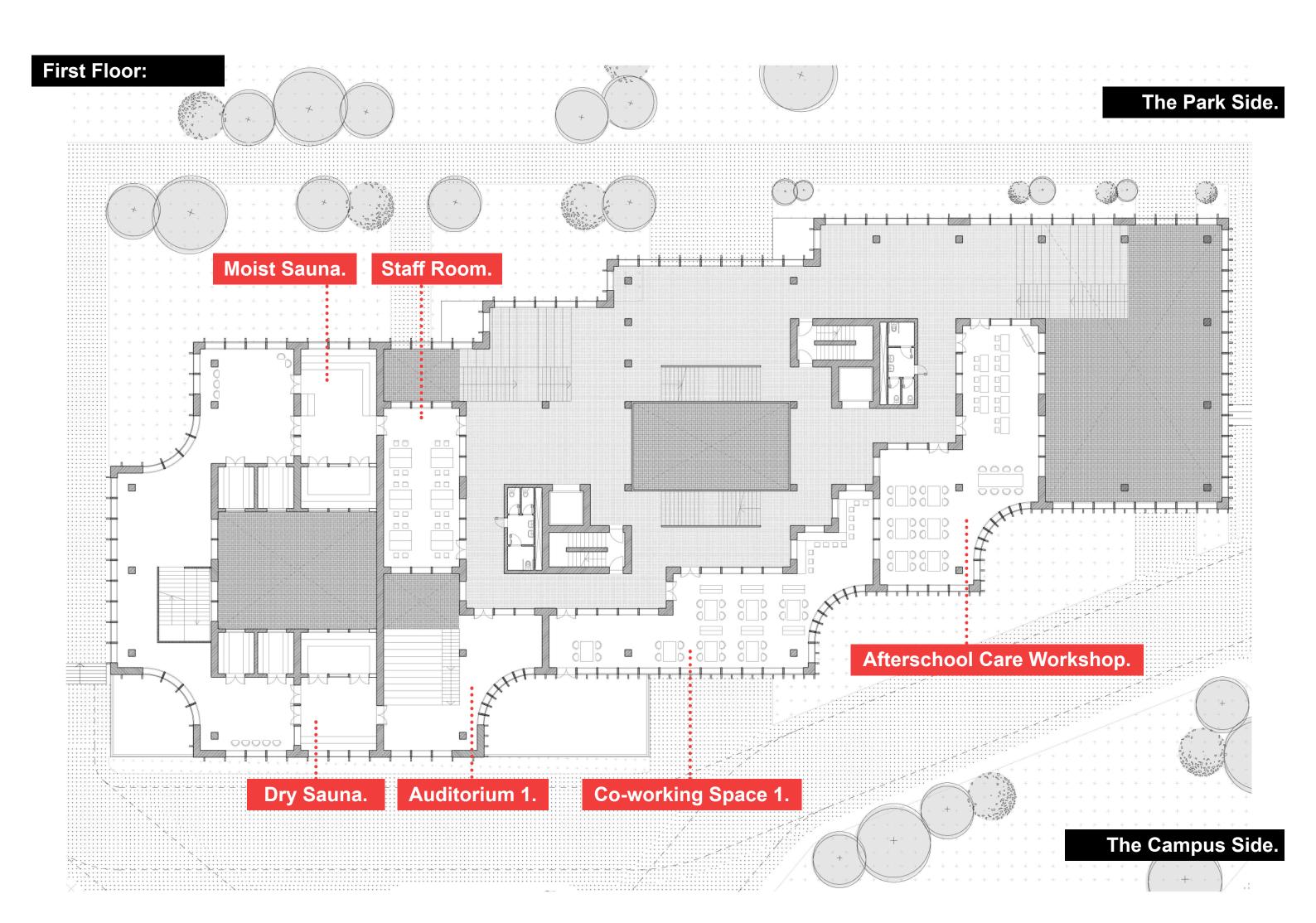


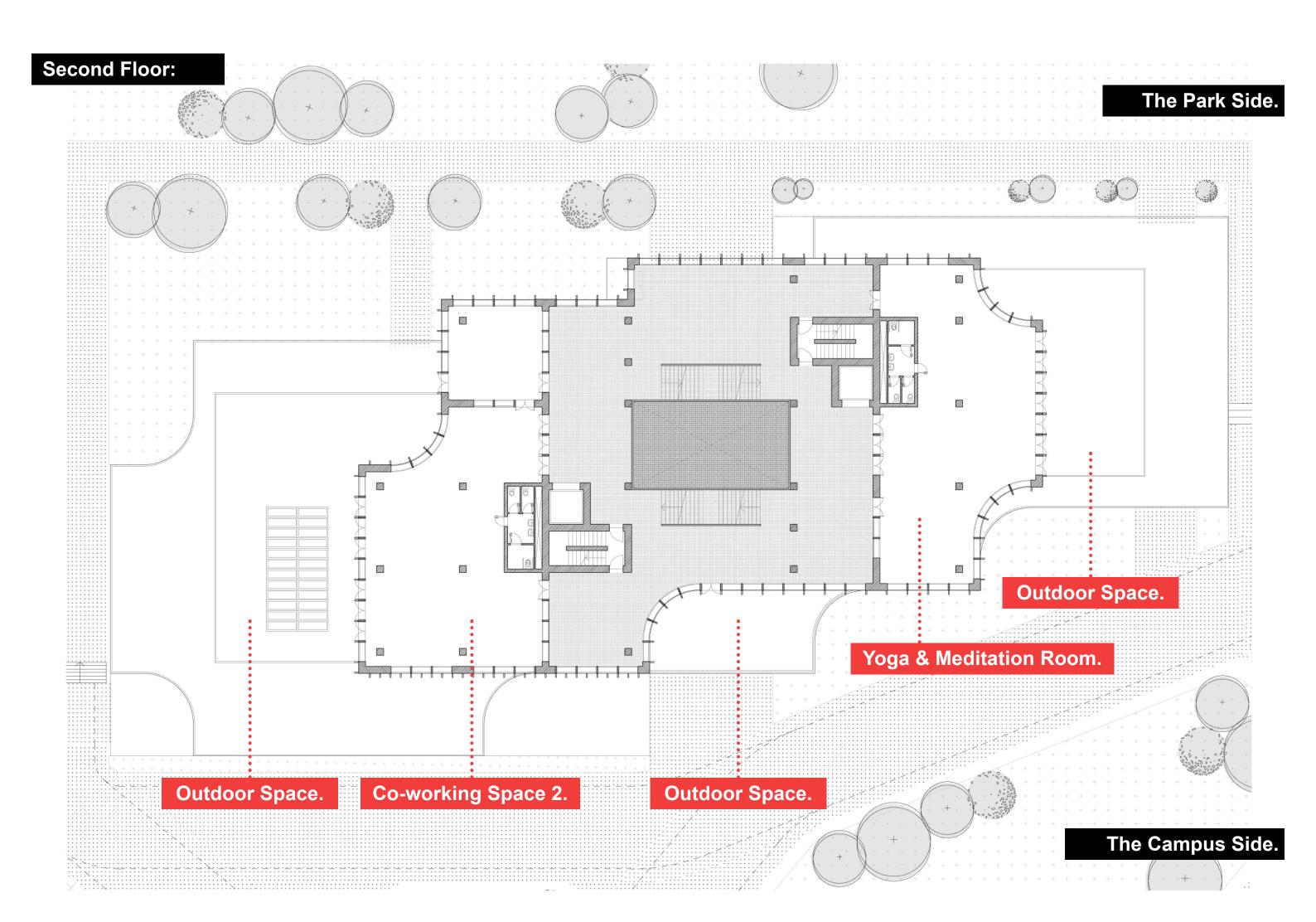


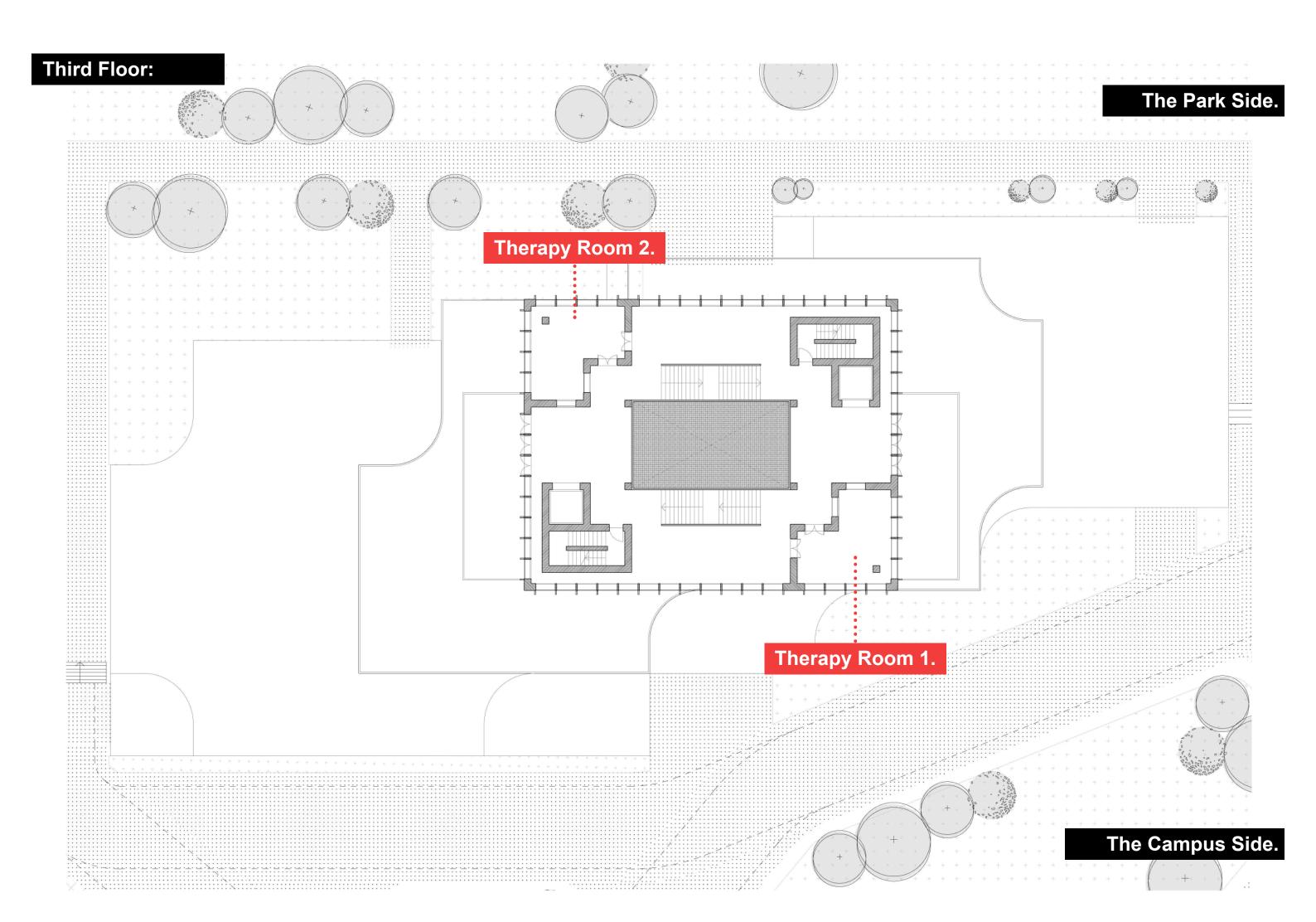




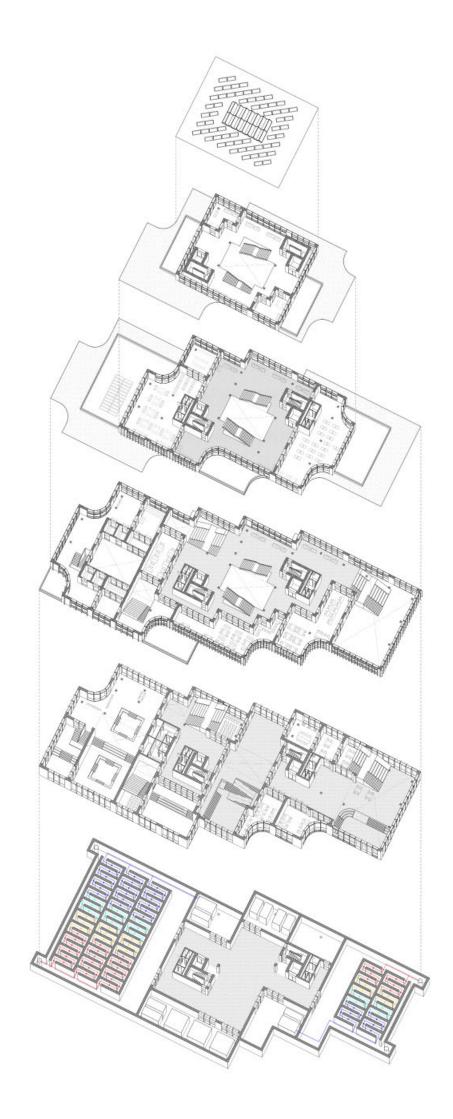








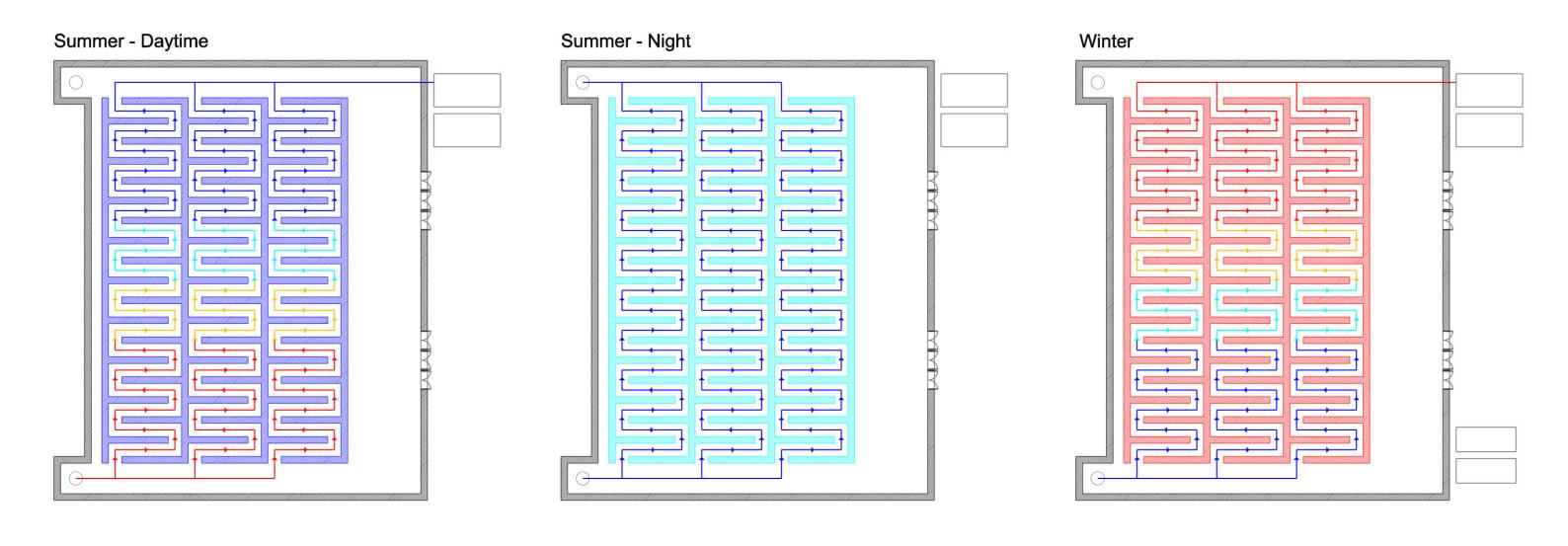
Exploded View:



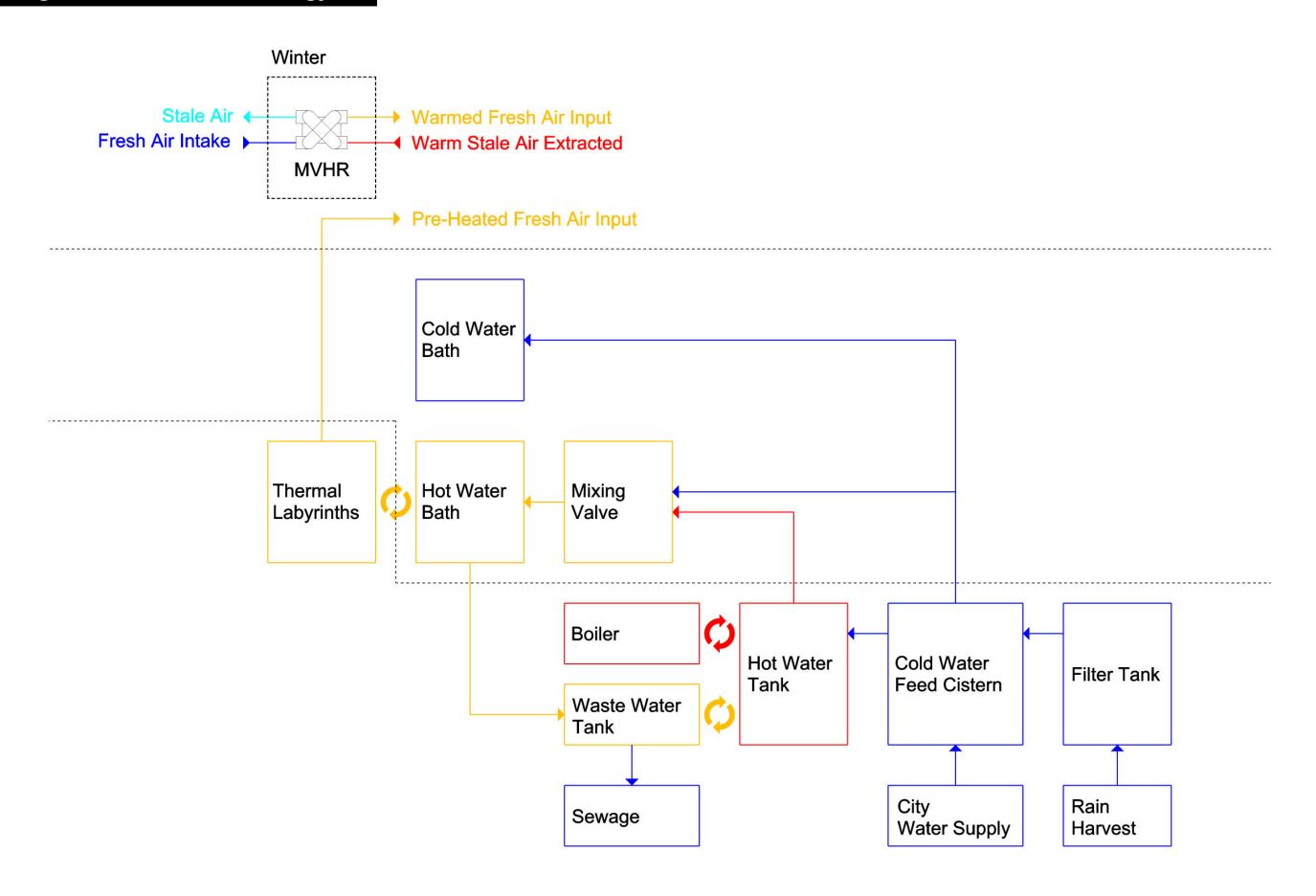
Building Climate: Thermal Labyrinth

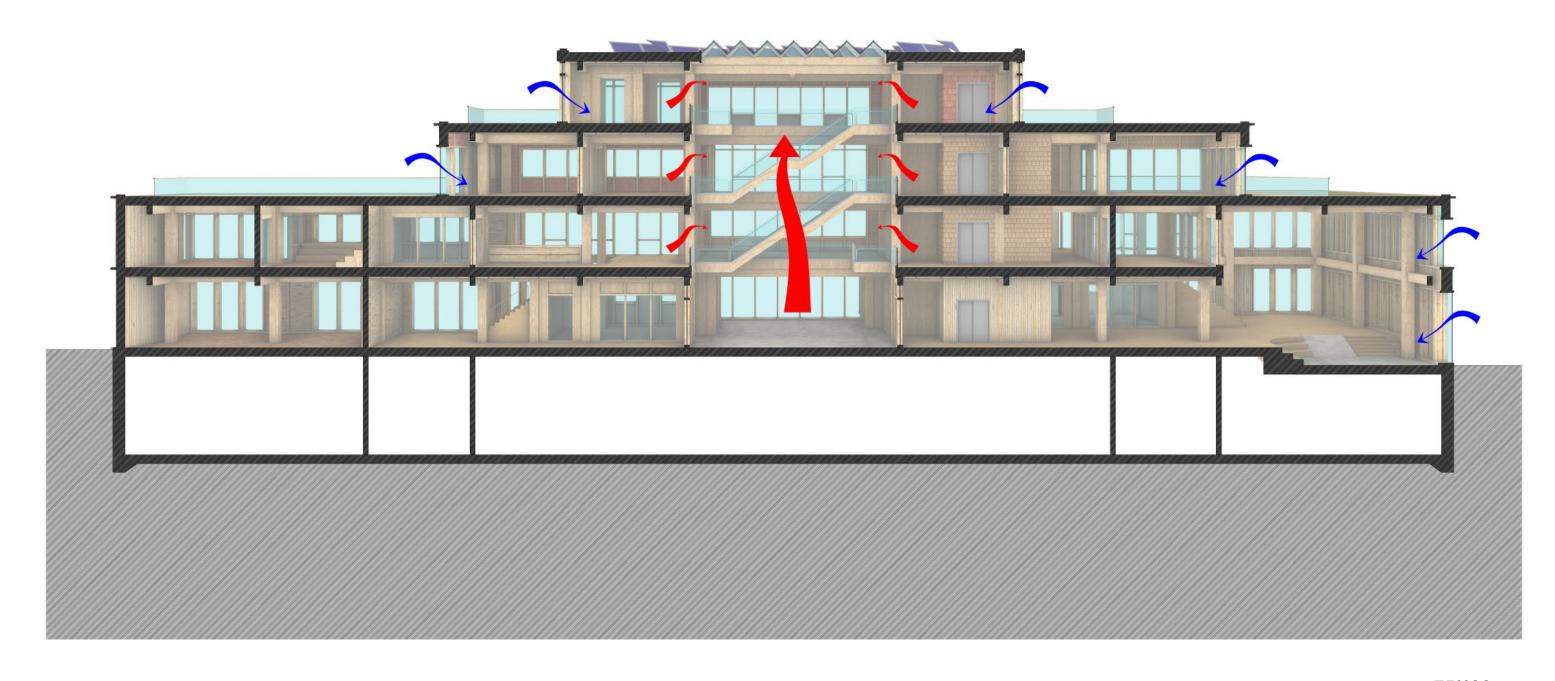


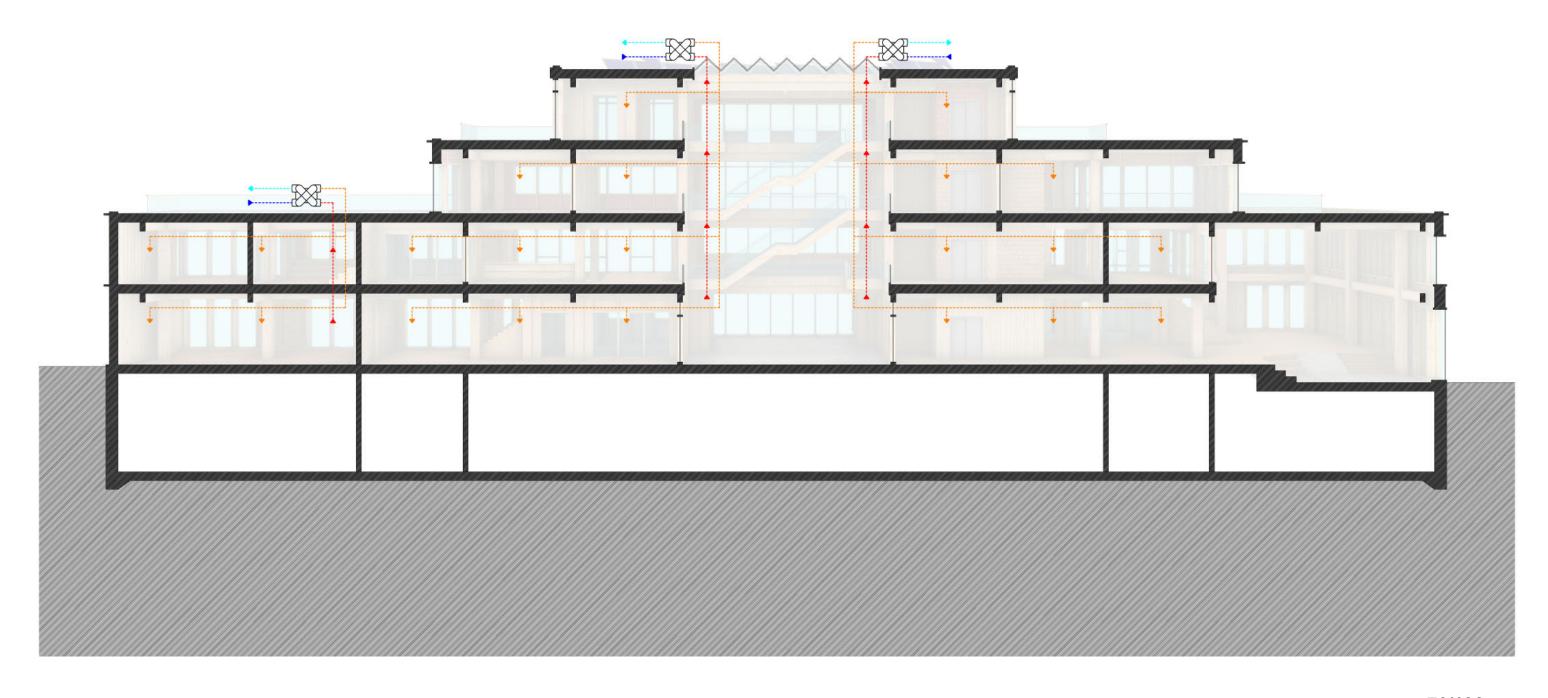
Building Climate: Thermal Labyrinth

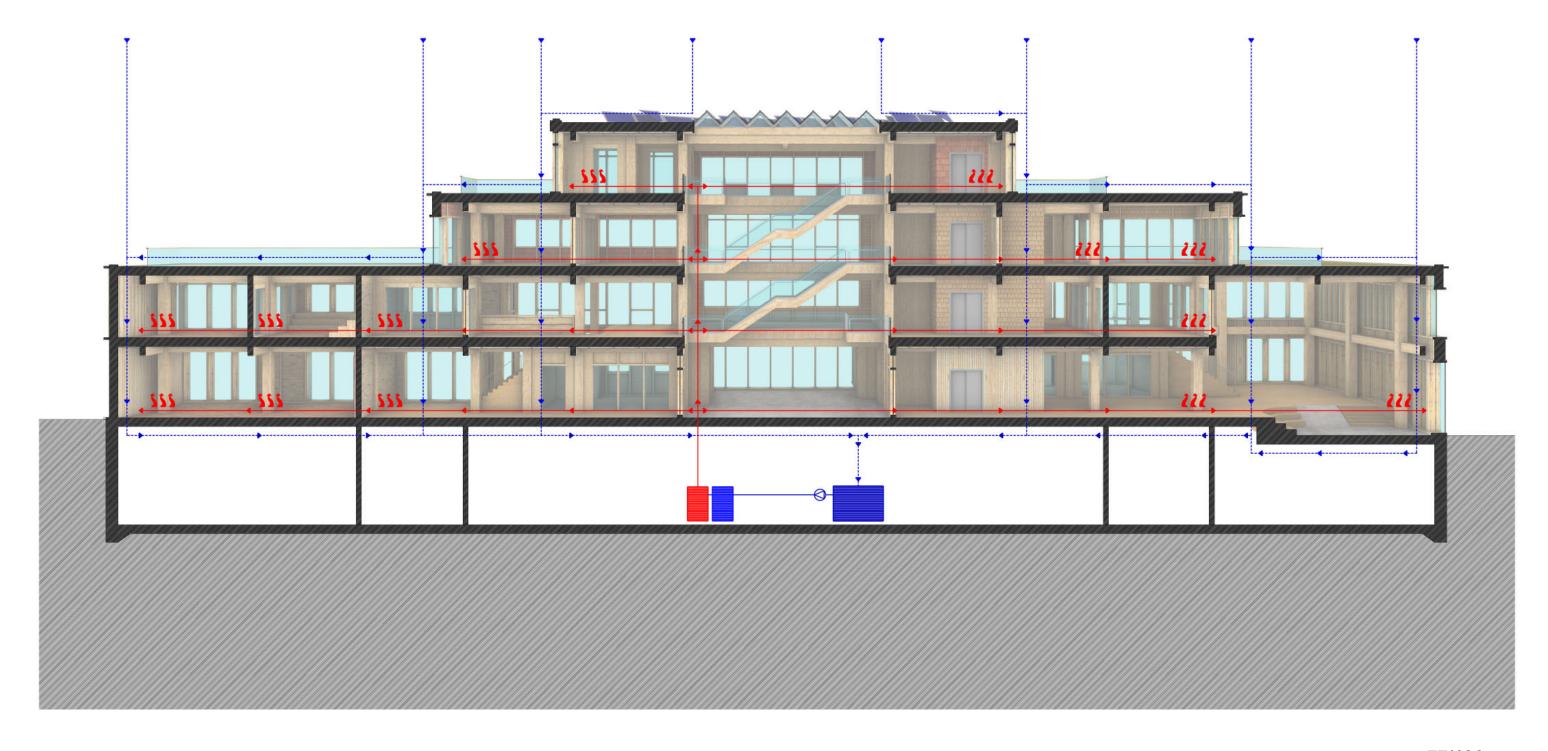


Building Climate: Overall Strategy



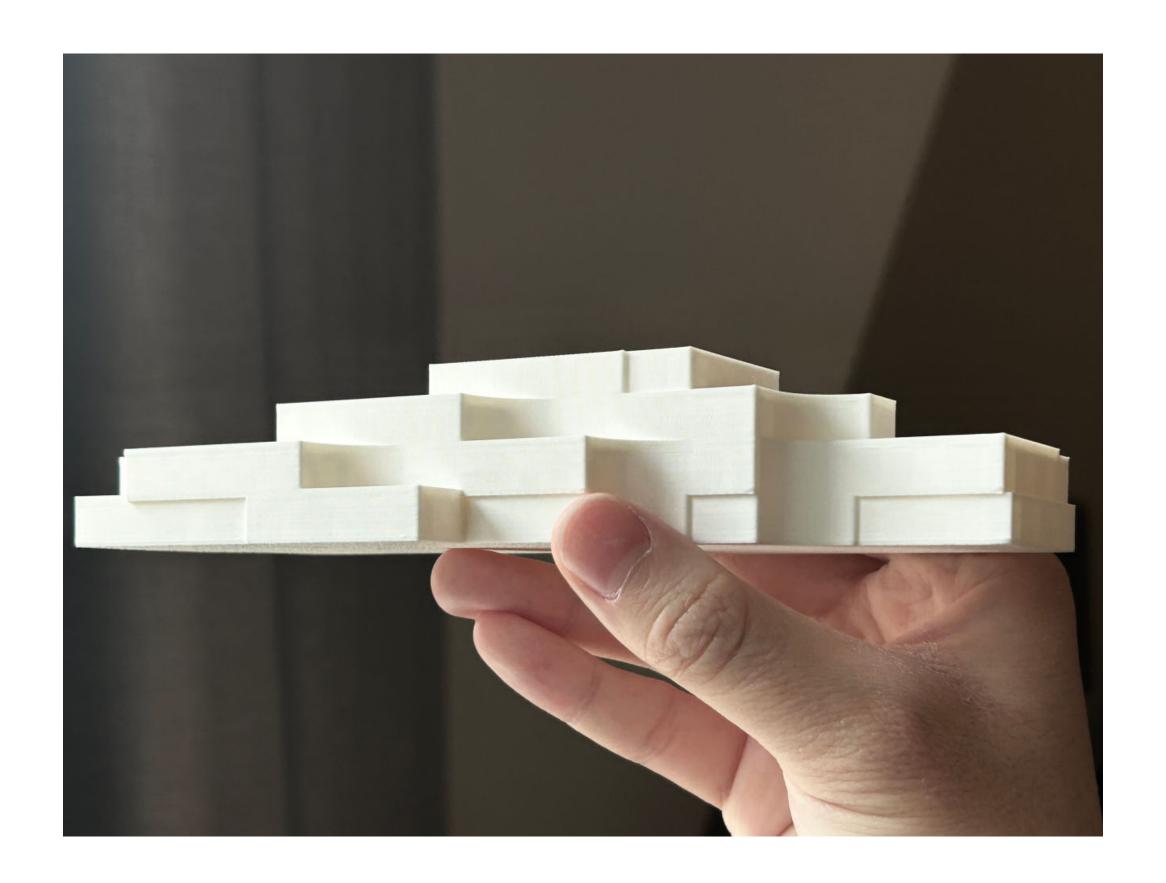






Chapter 04-4:

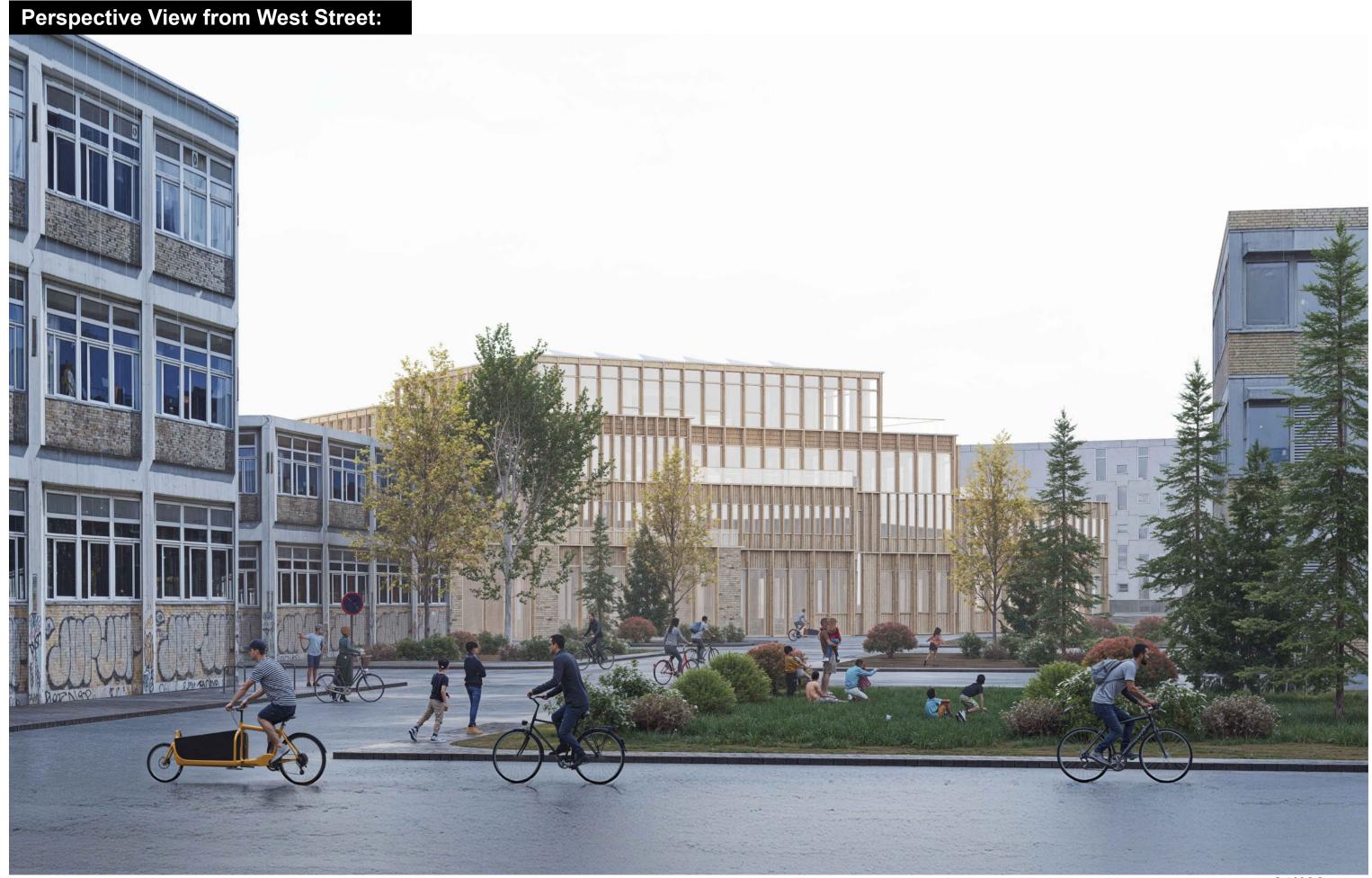
Experience and Impression.











Perspective View from East Street:

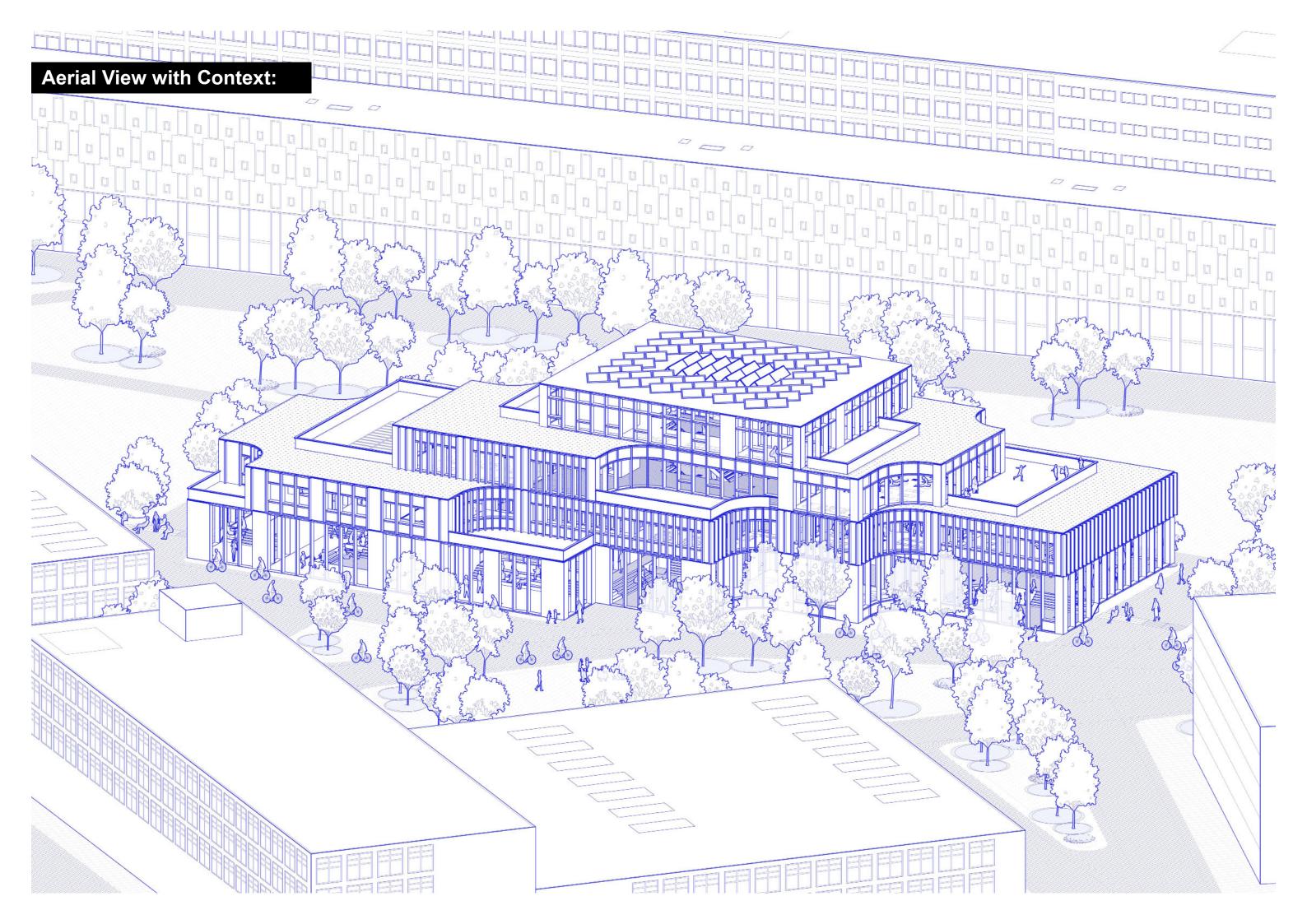


Perspective View from Park:

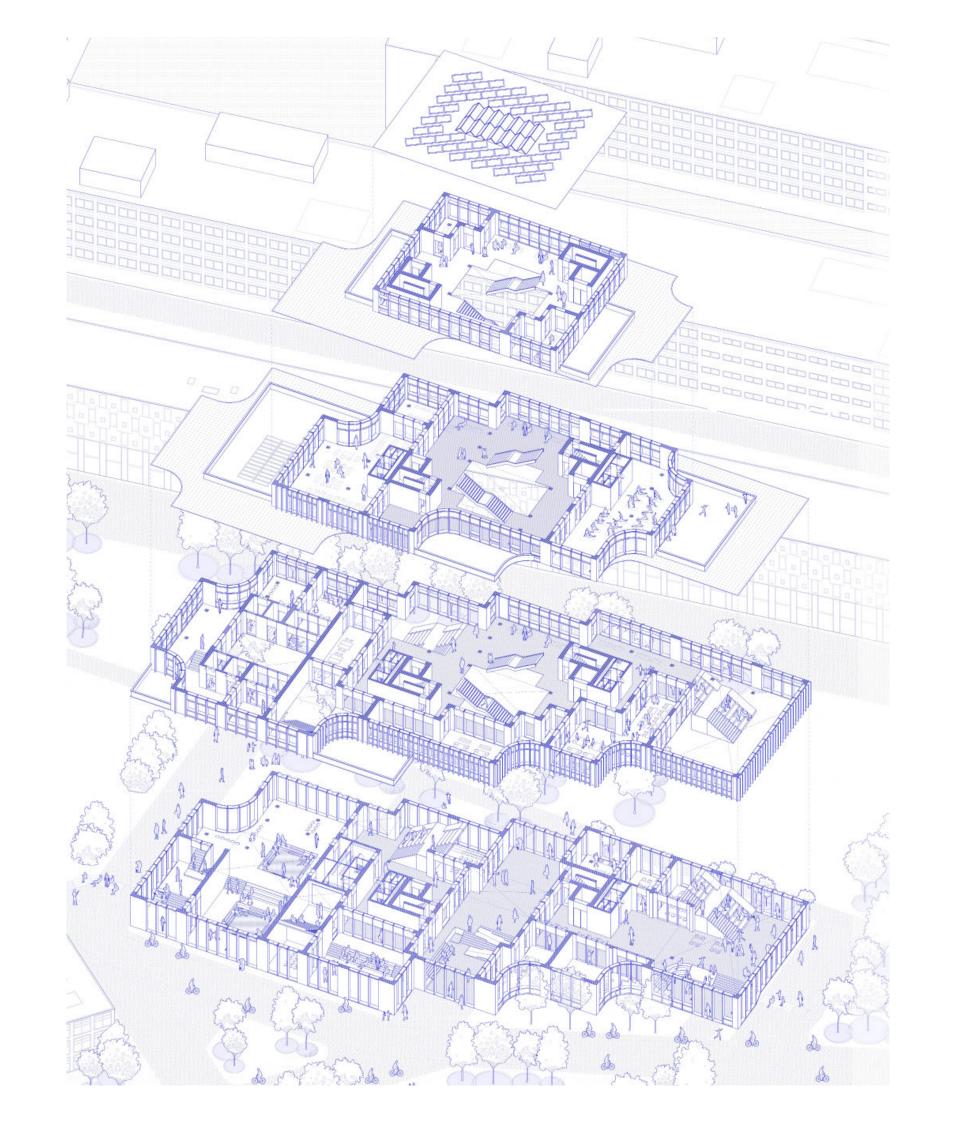


Perspective View from Park:



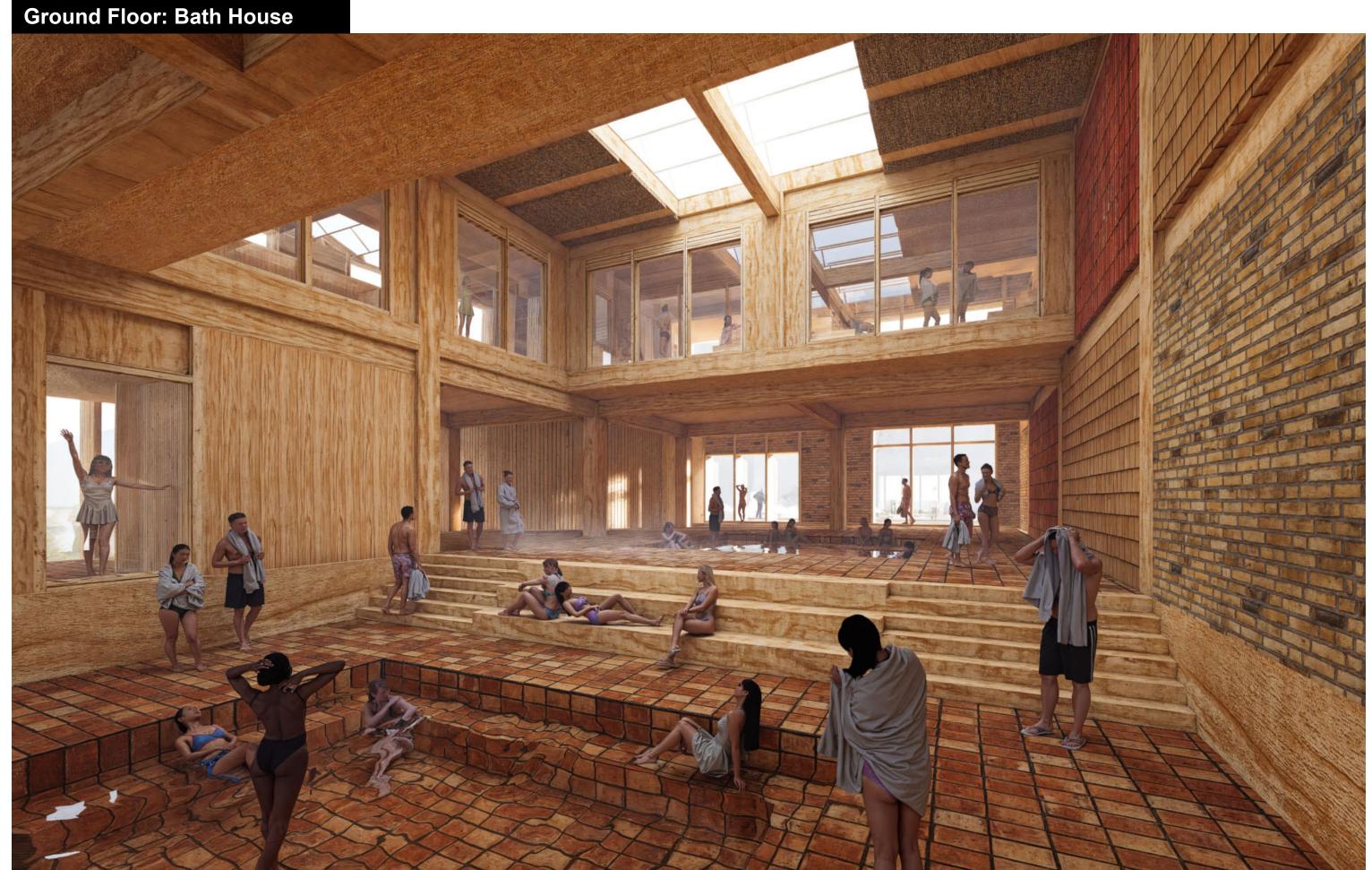


Exploded View:





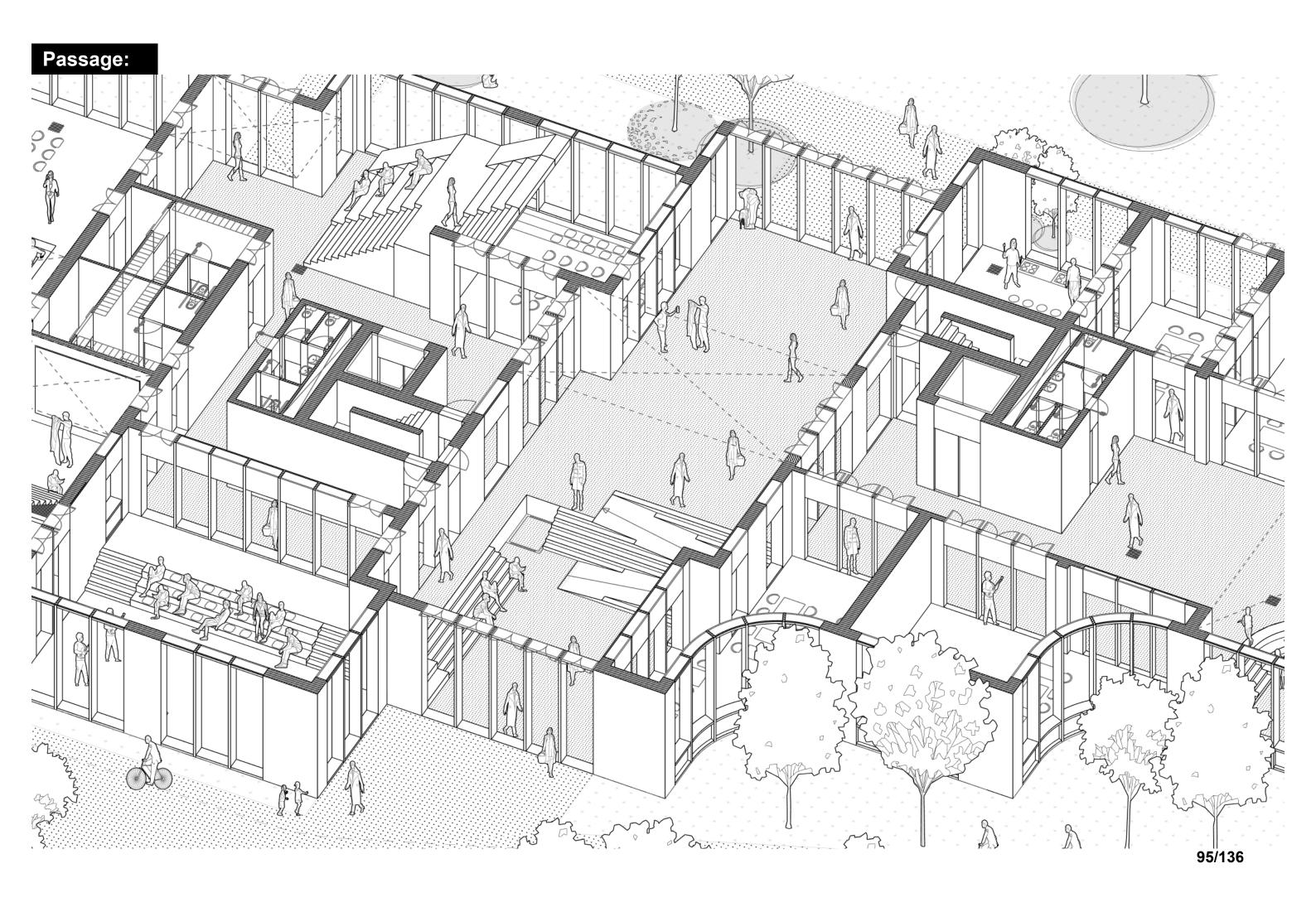
Bath House: Changing Room. Moist Sauna Rooms S/M/L. Dry Sauna Rooms S/M/L. "Bath Amphitheatre".





First Floor: Sauna Rooms

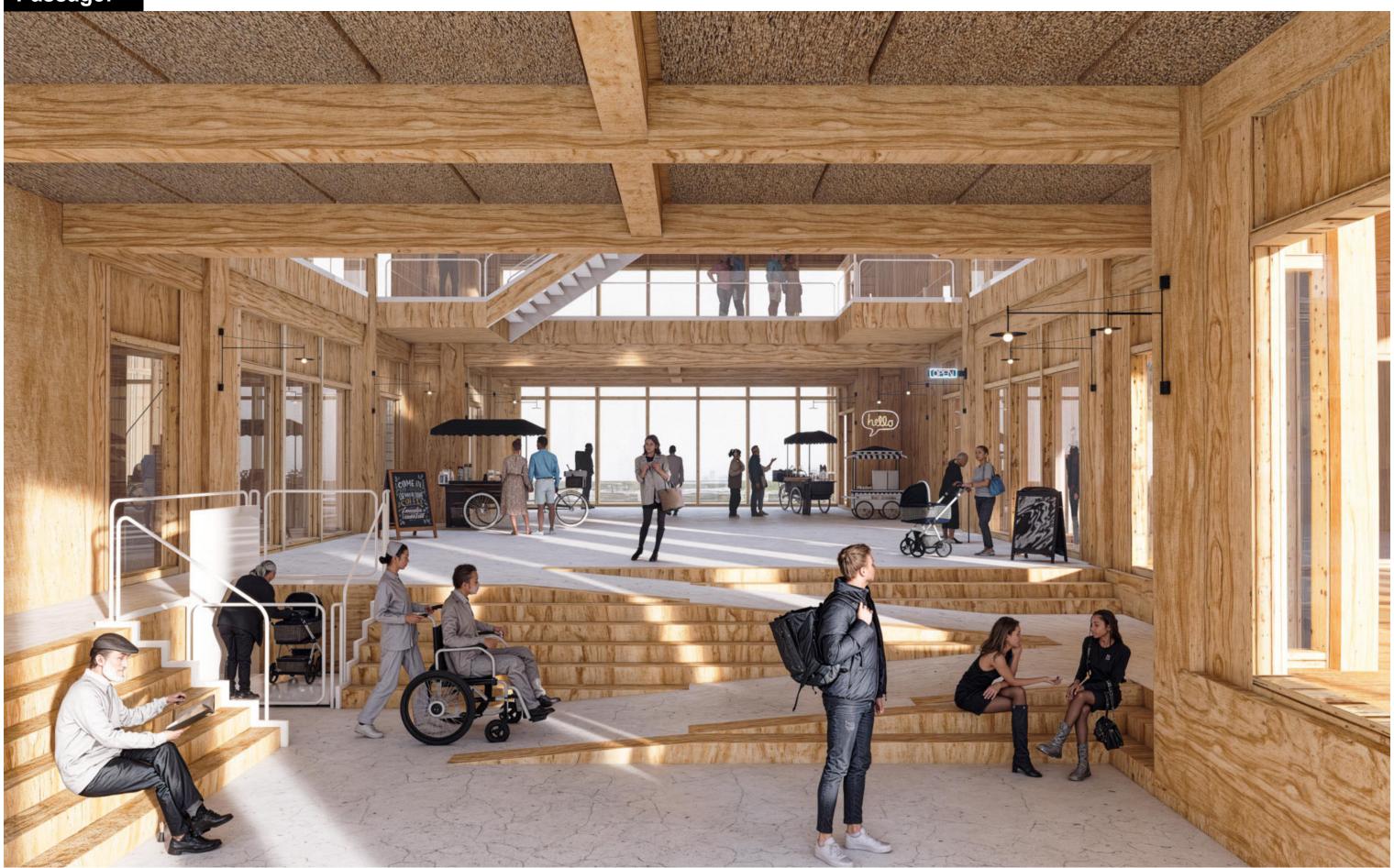




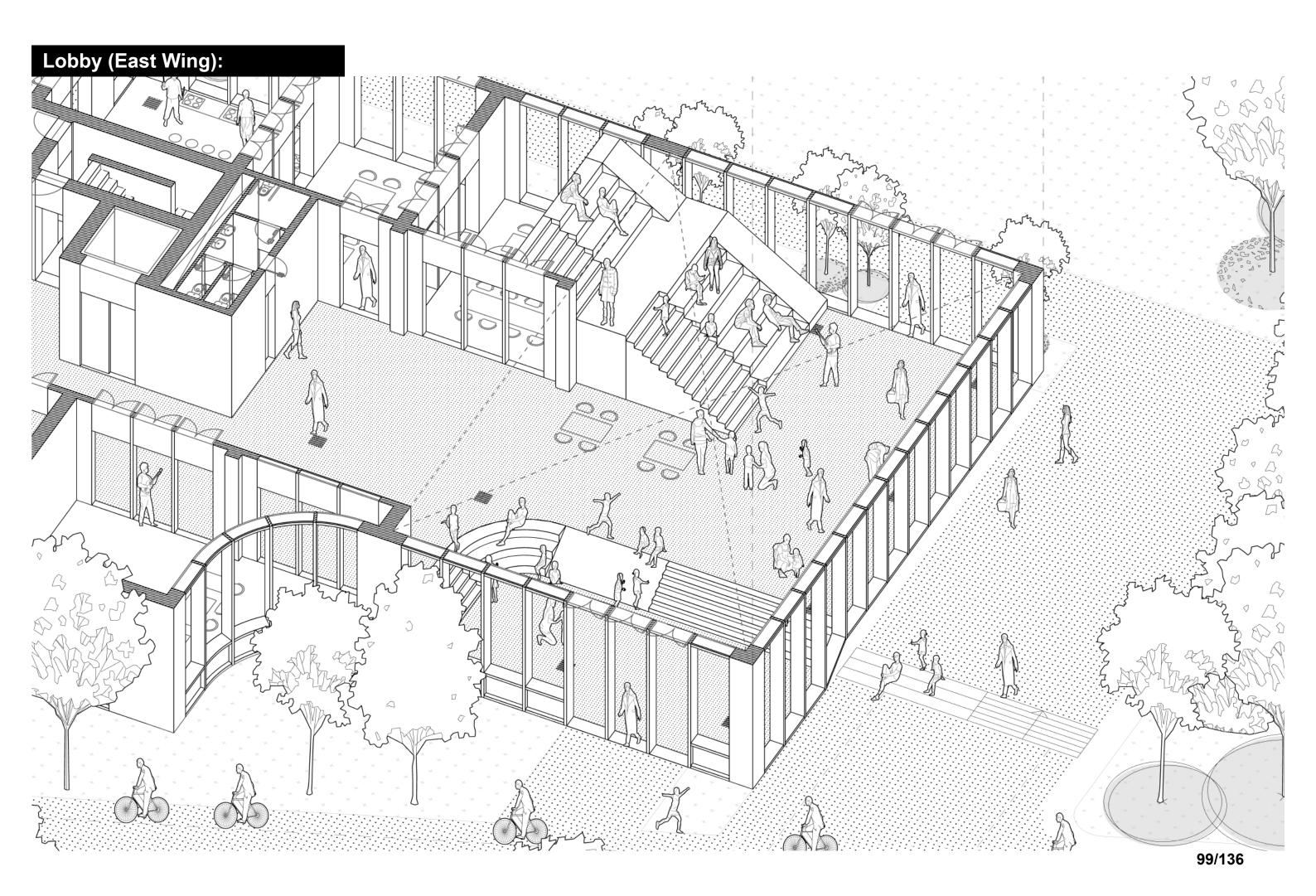
Passage:



Passage:



Passage:



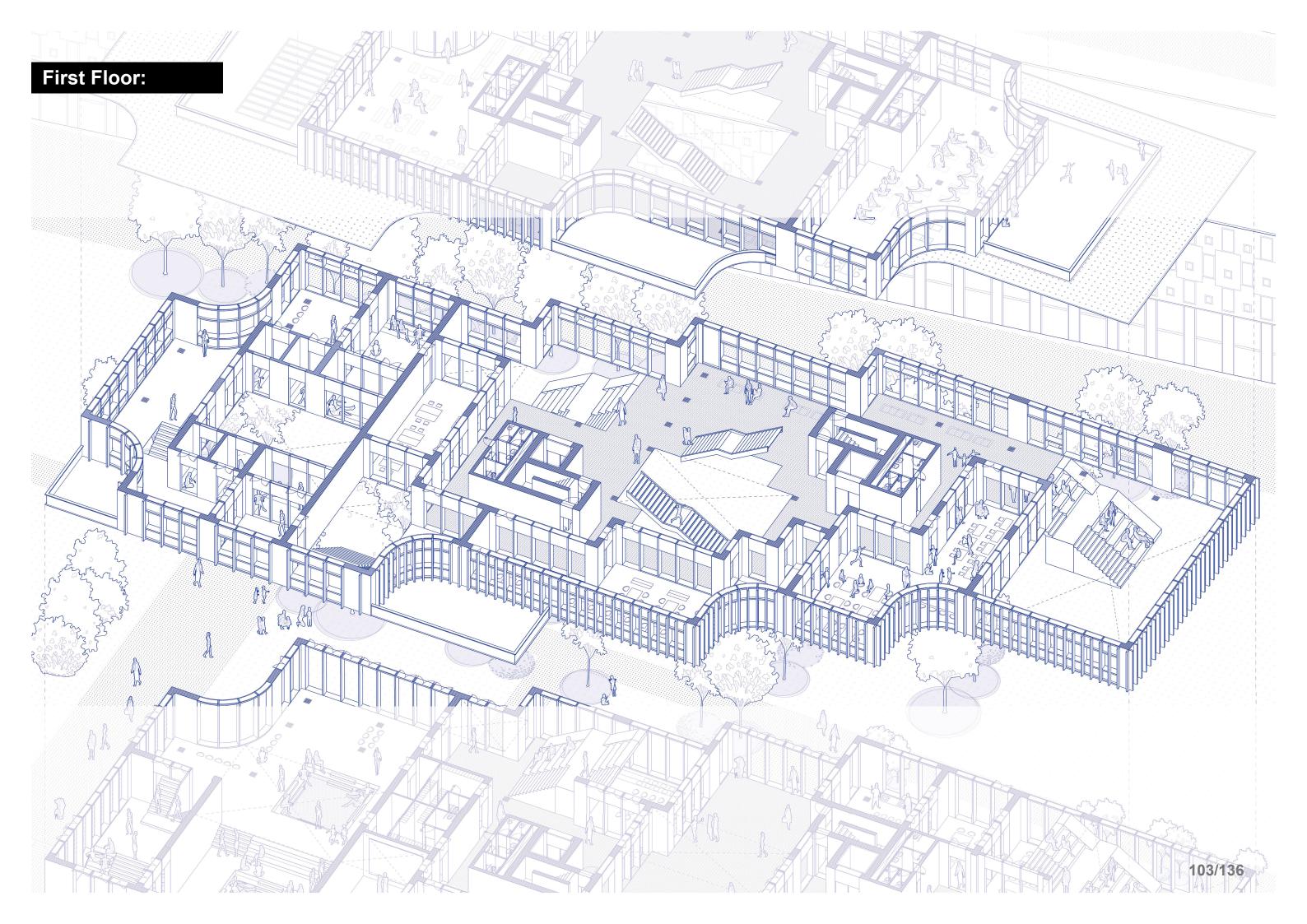
Lobby (East Wing):

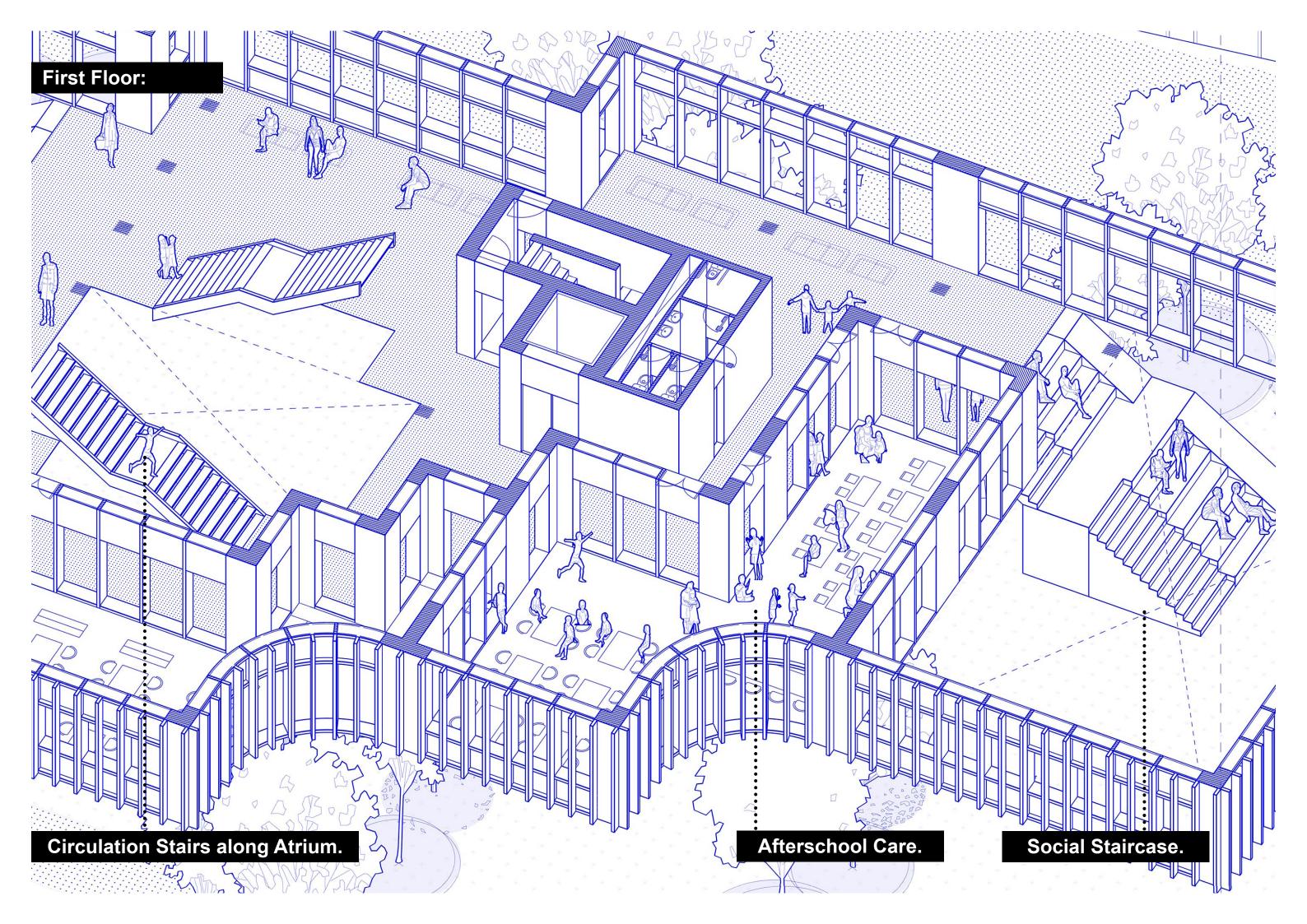


Lobby (East Wing):

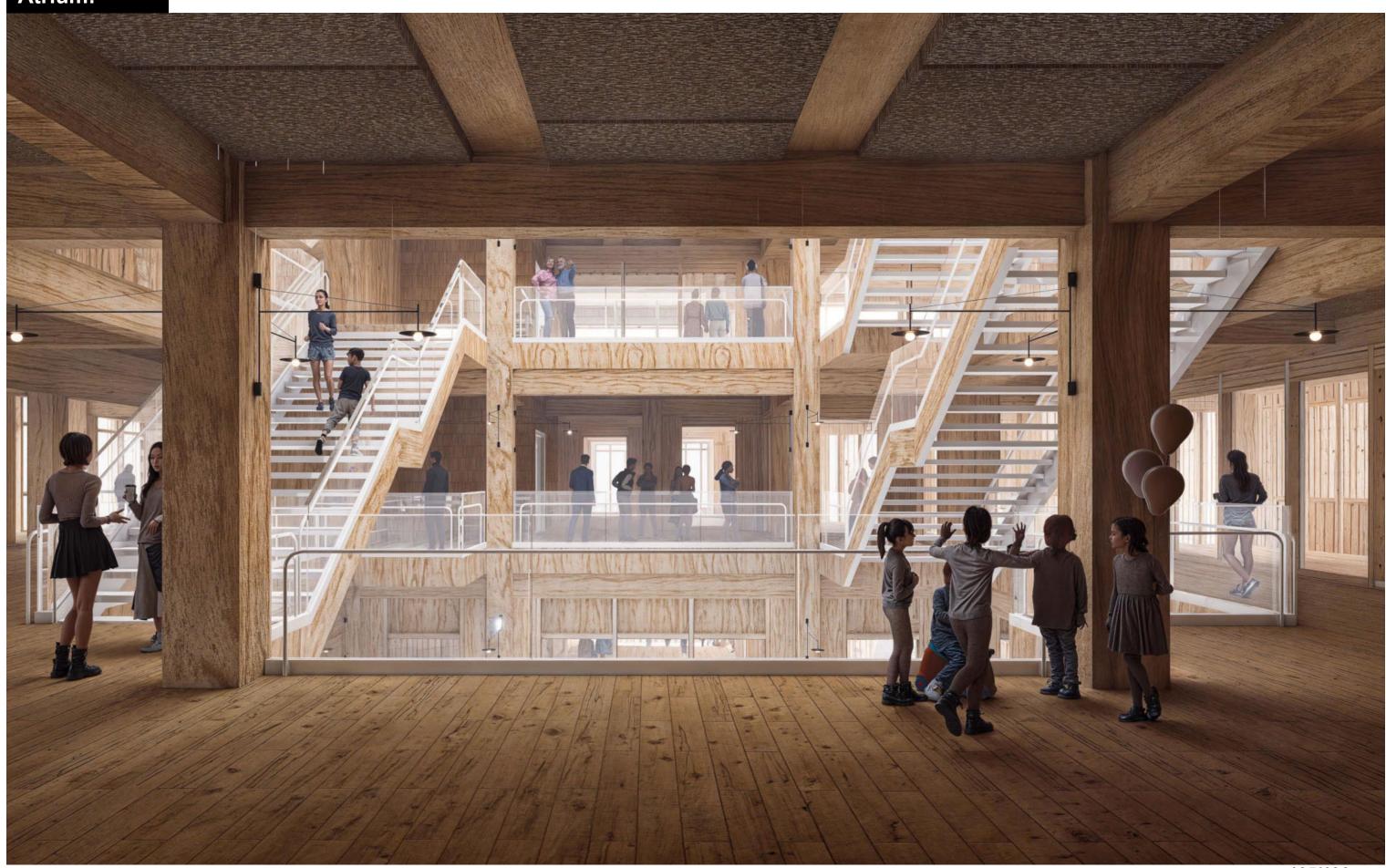


Lobby (East Wing):





Atrium:

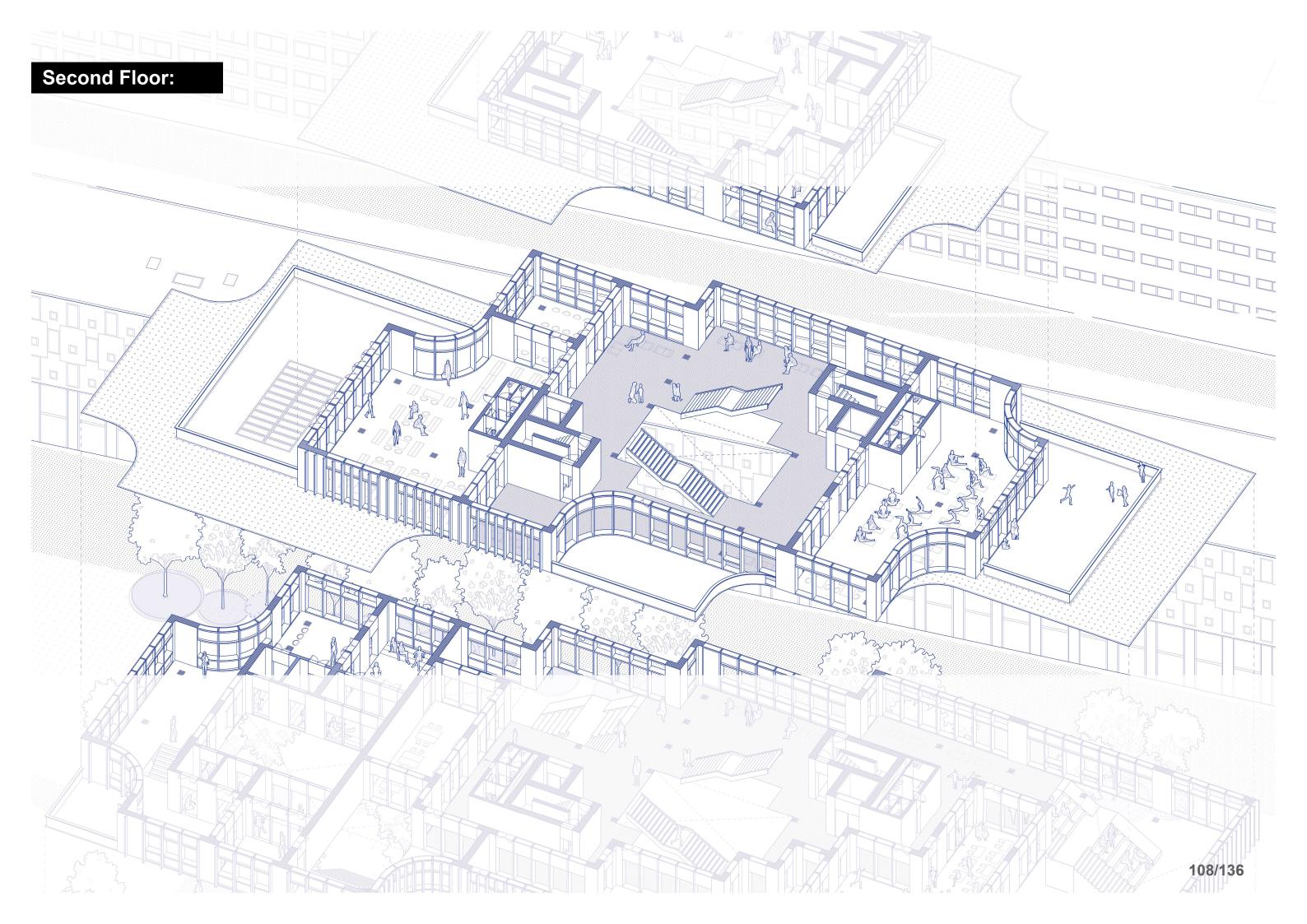


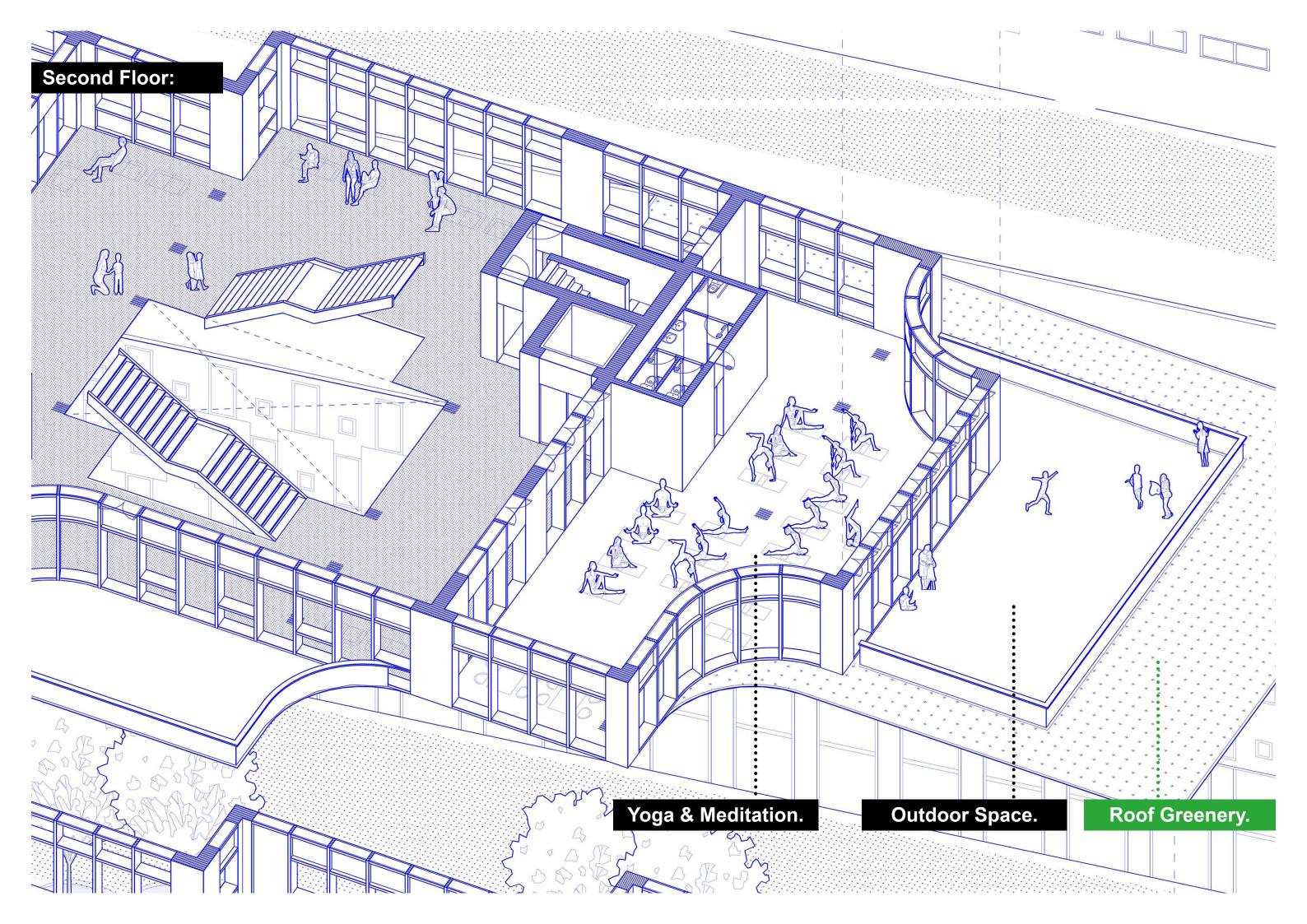
Atrium:

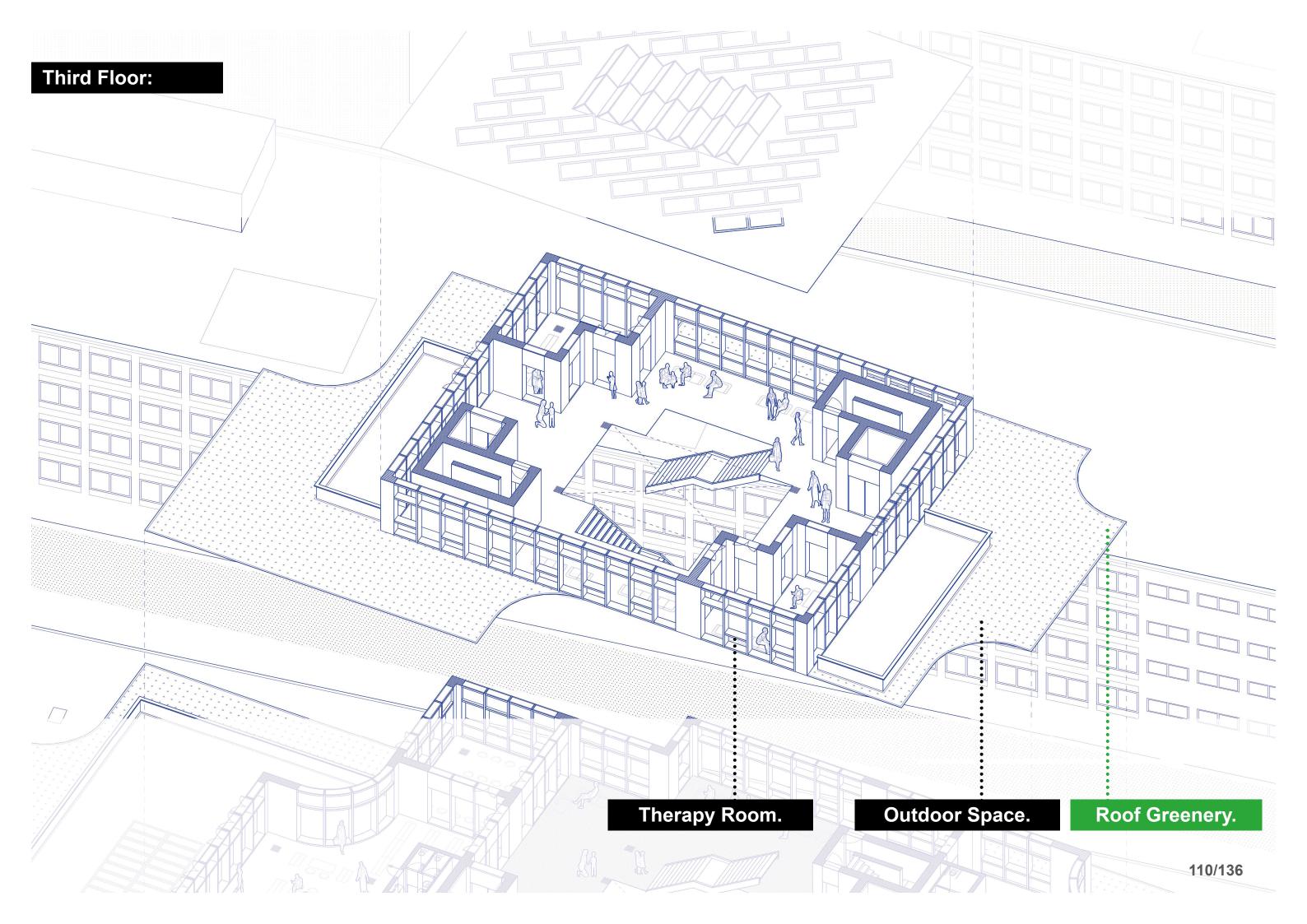


Atrium:





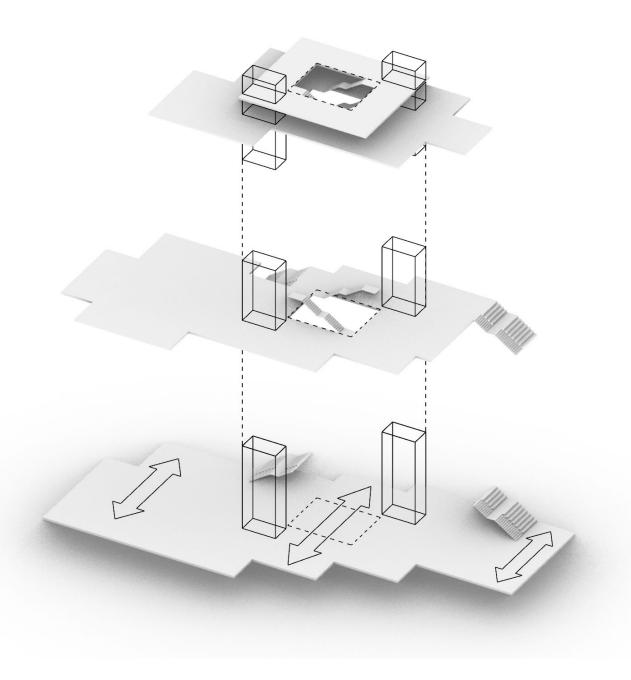




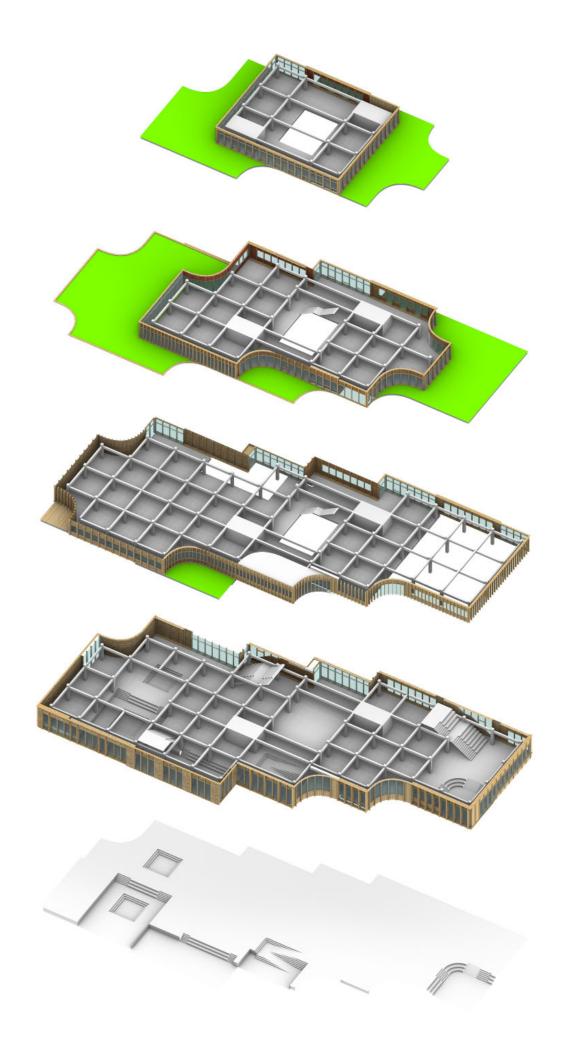
Chapter 05:

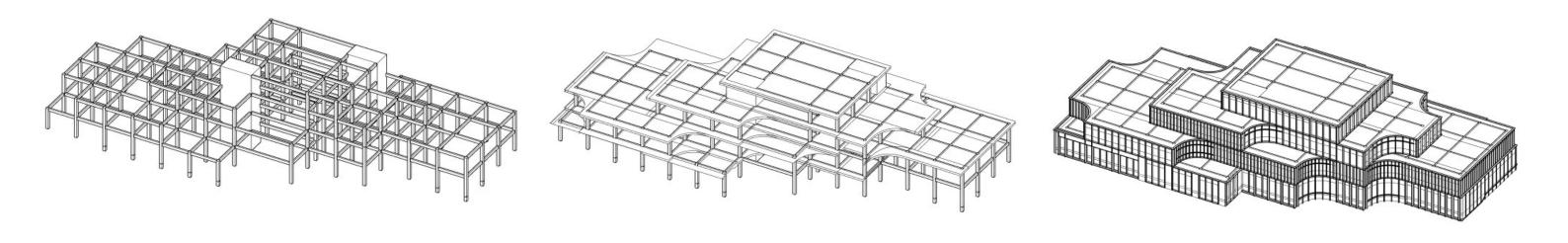
Technical Design

Circulation Core:



- CLT circulation cores at two sides of atrium providing lateral stability.
- Social staircases at two wings of building, others in the atrium.



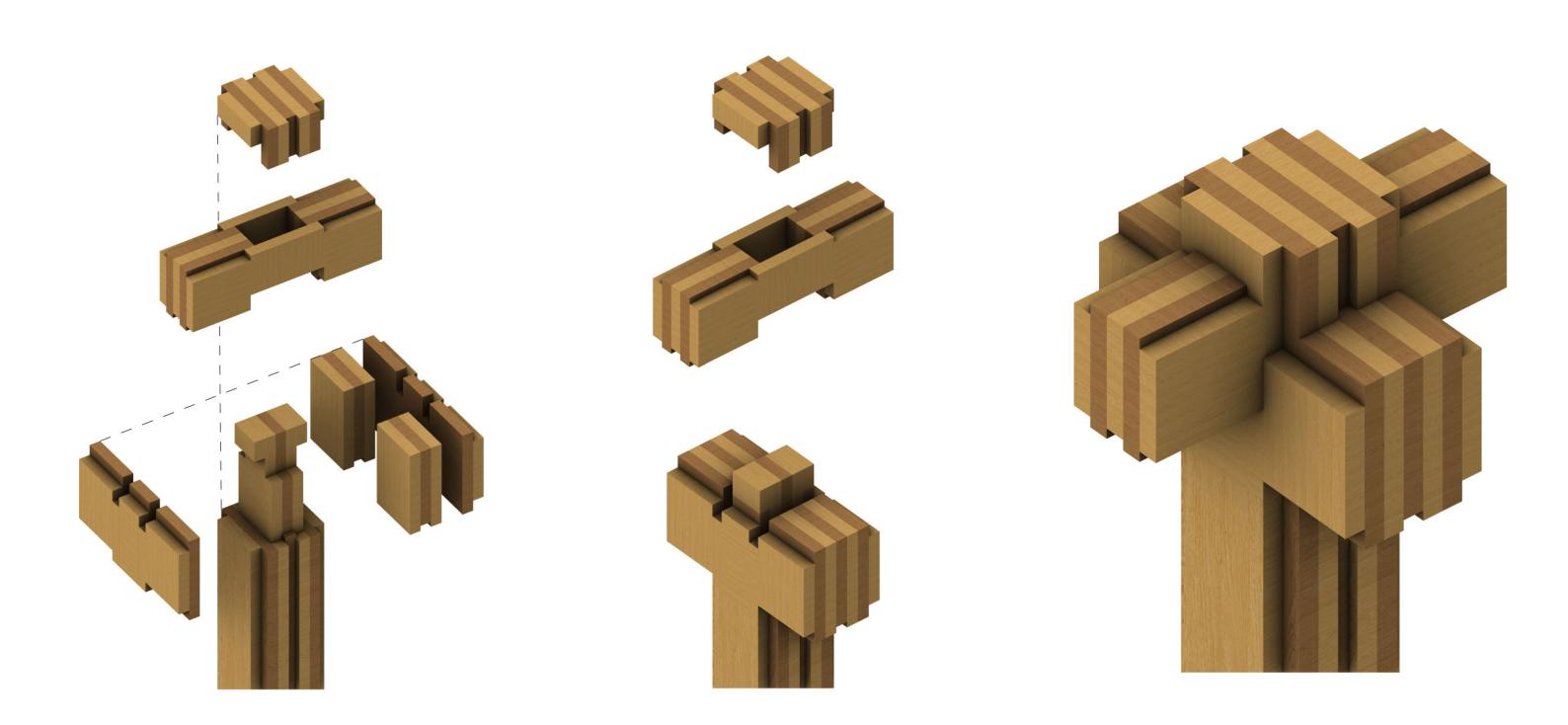


- Glulam Structure Grid with CLT Cores.

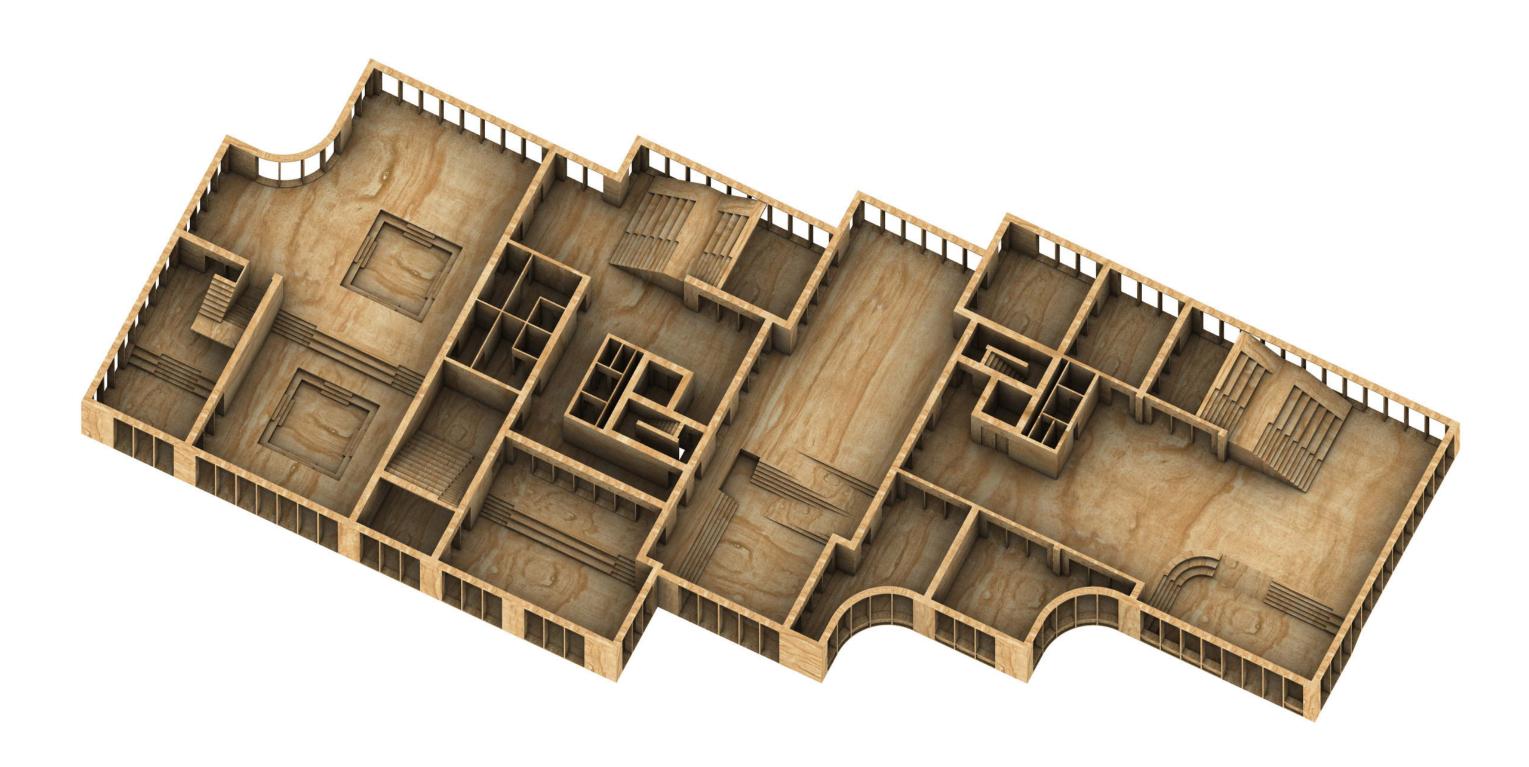
- CLT Floor System.

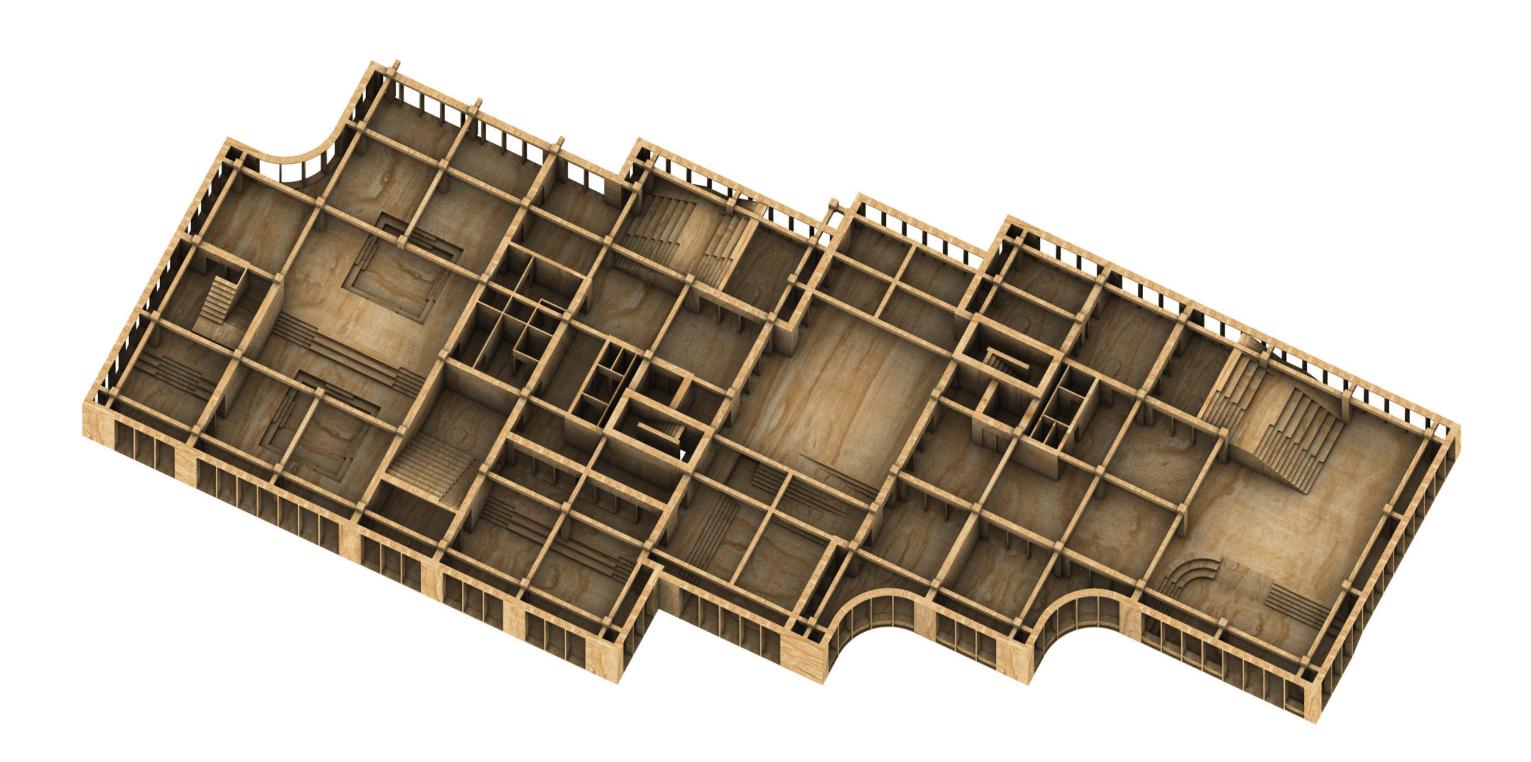
- Wood Cladding system.

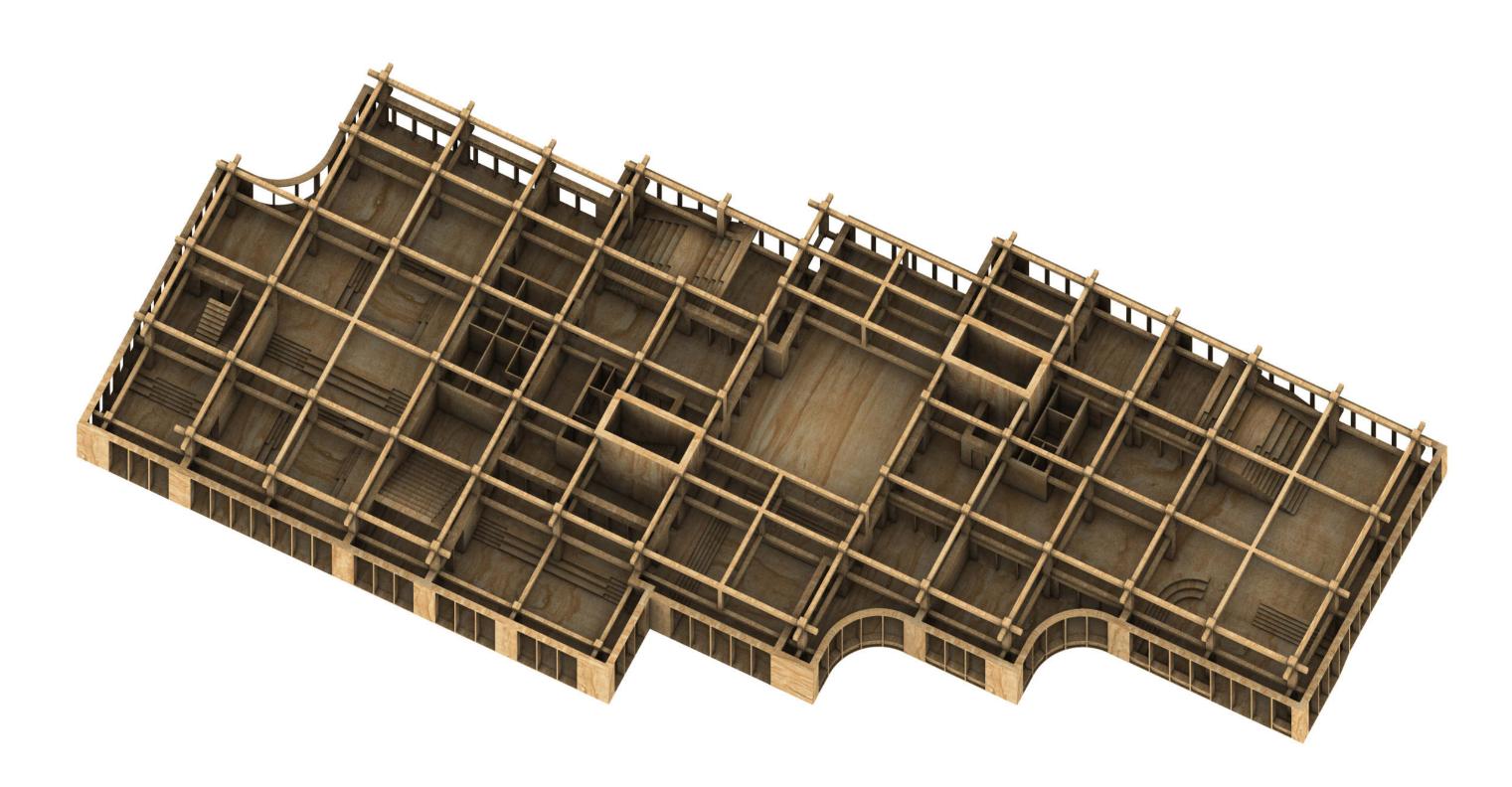
Structure Joint:

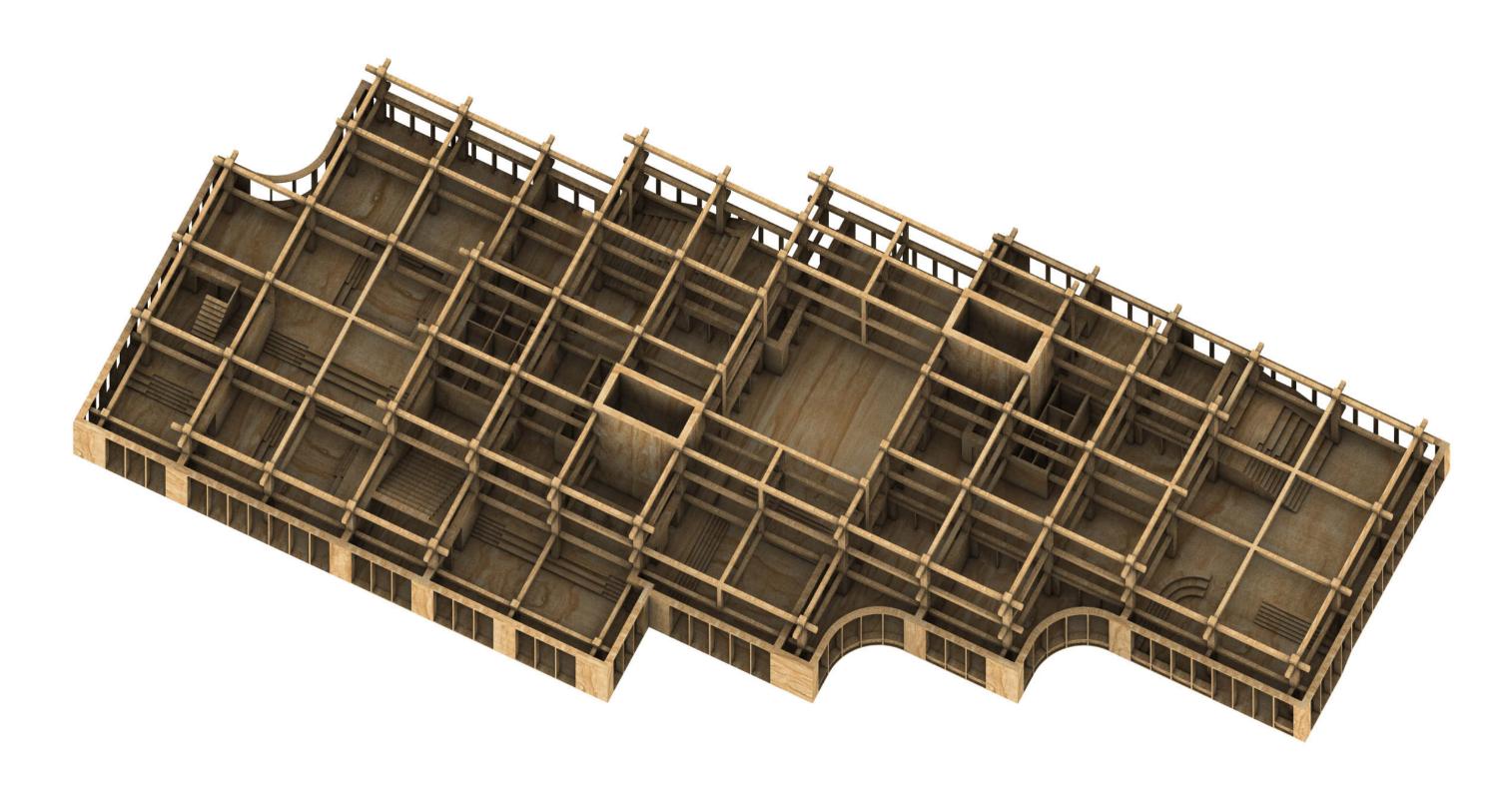


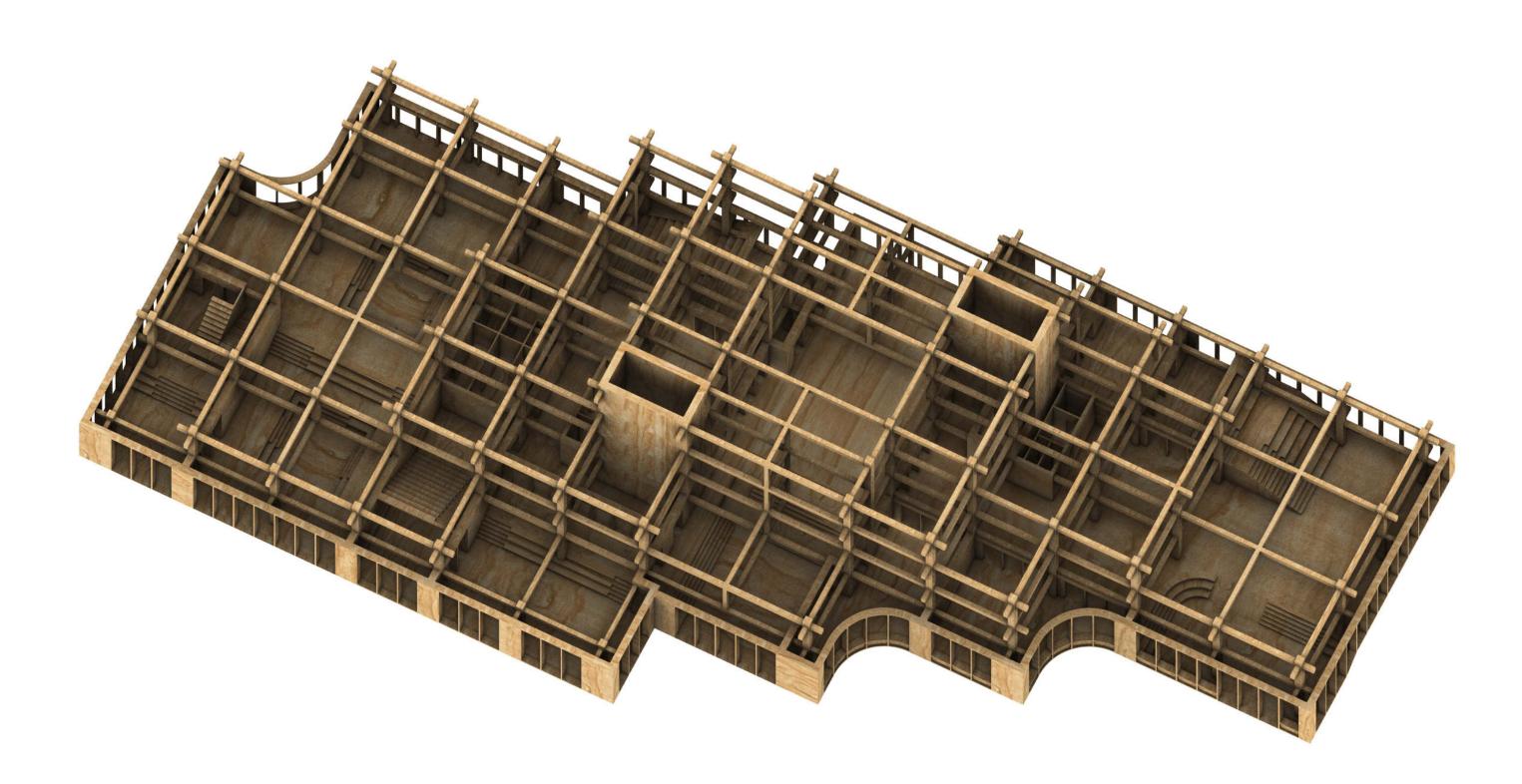
- 7-Layer Glulam Column and Primary Beam + 5-Layer Glulam Secondary Beam.

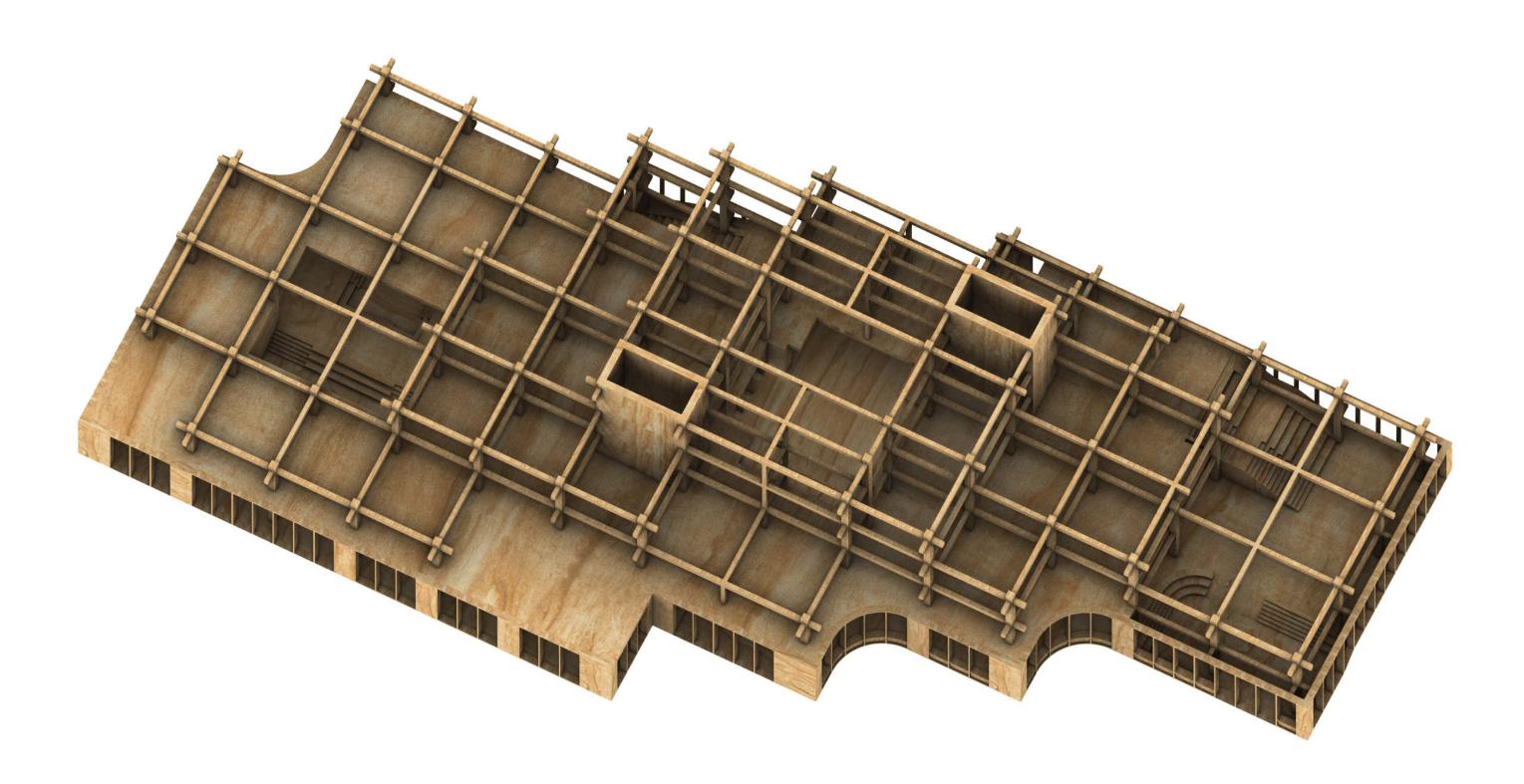




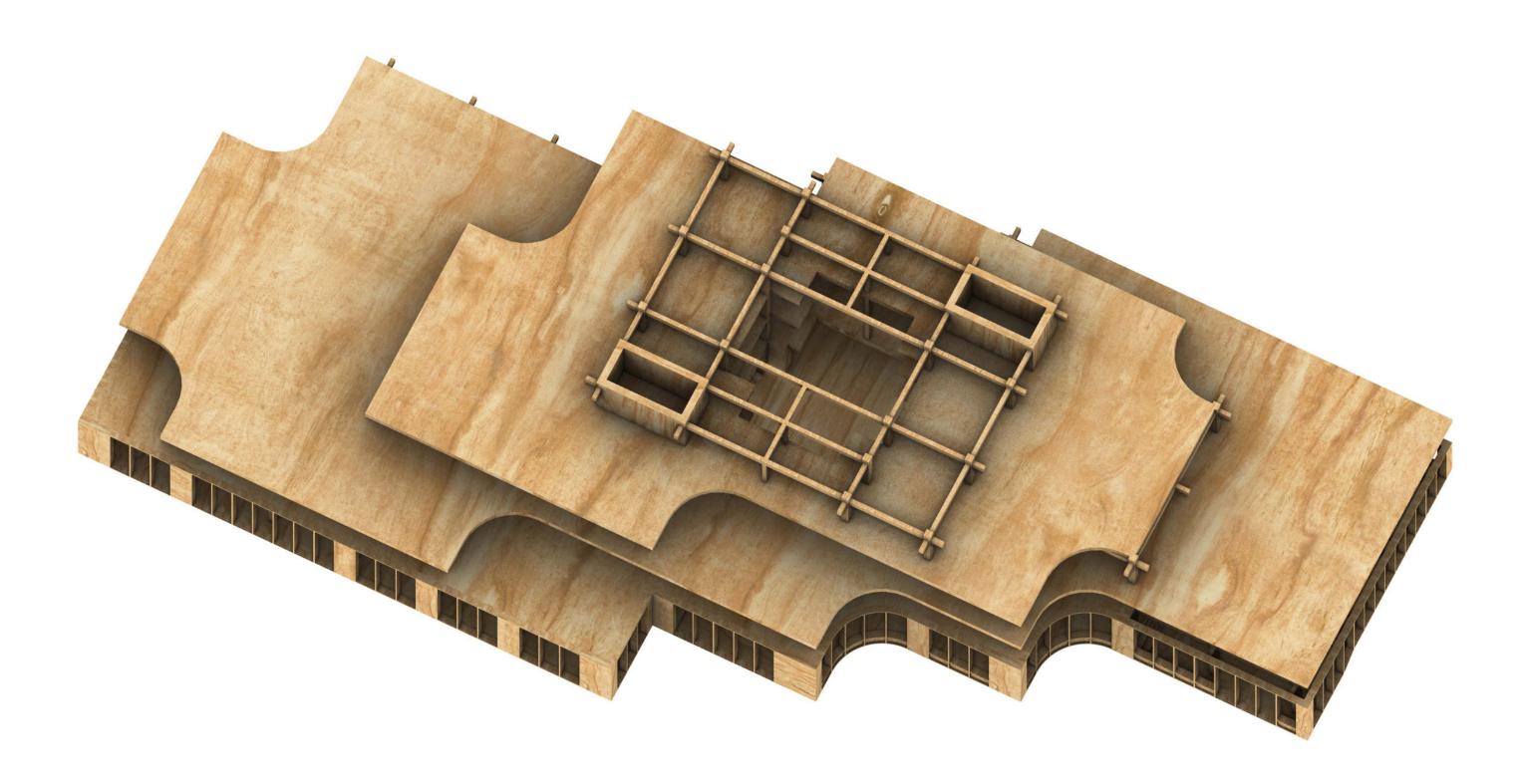


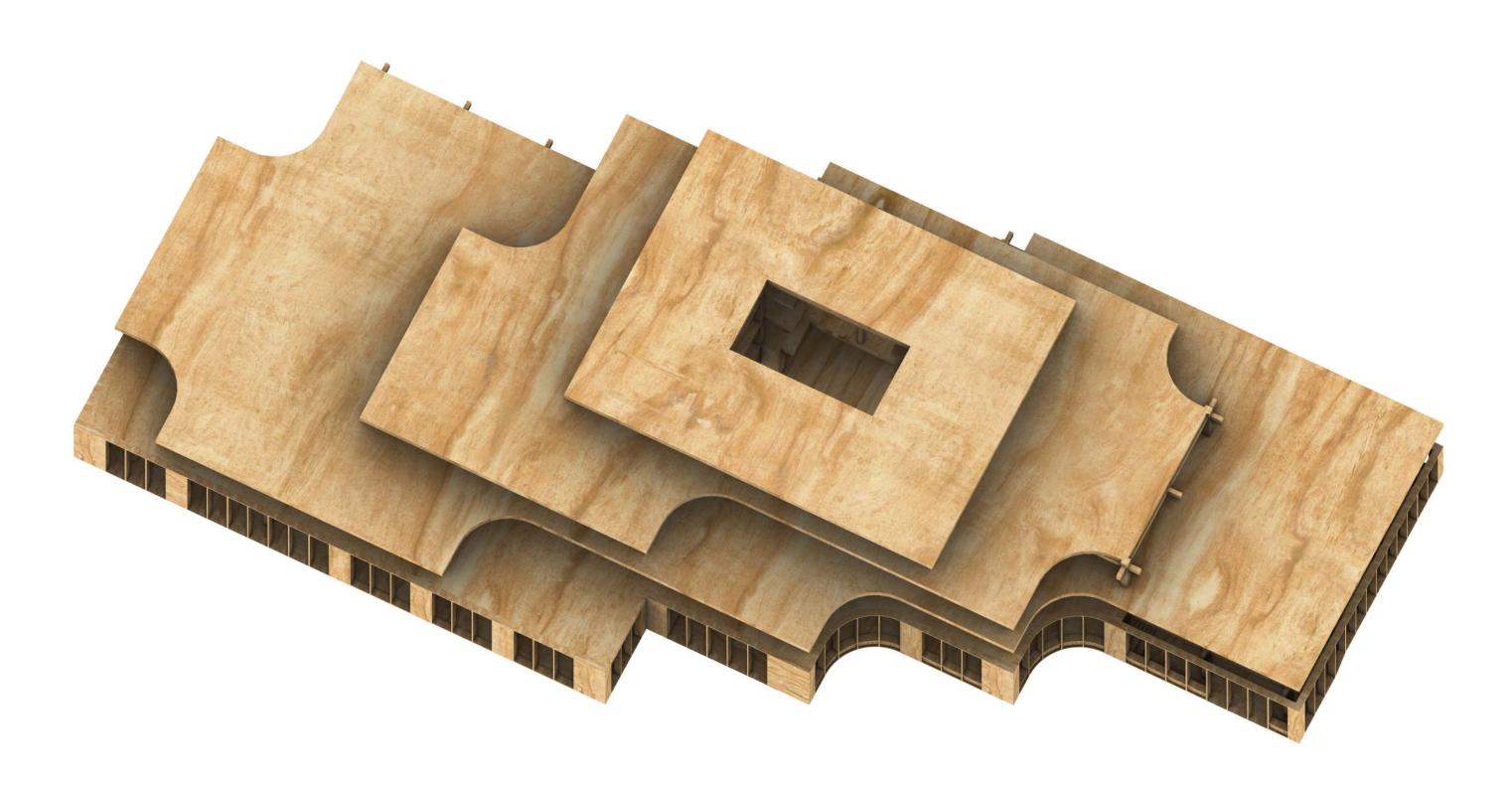


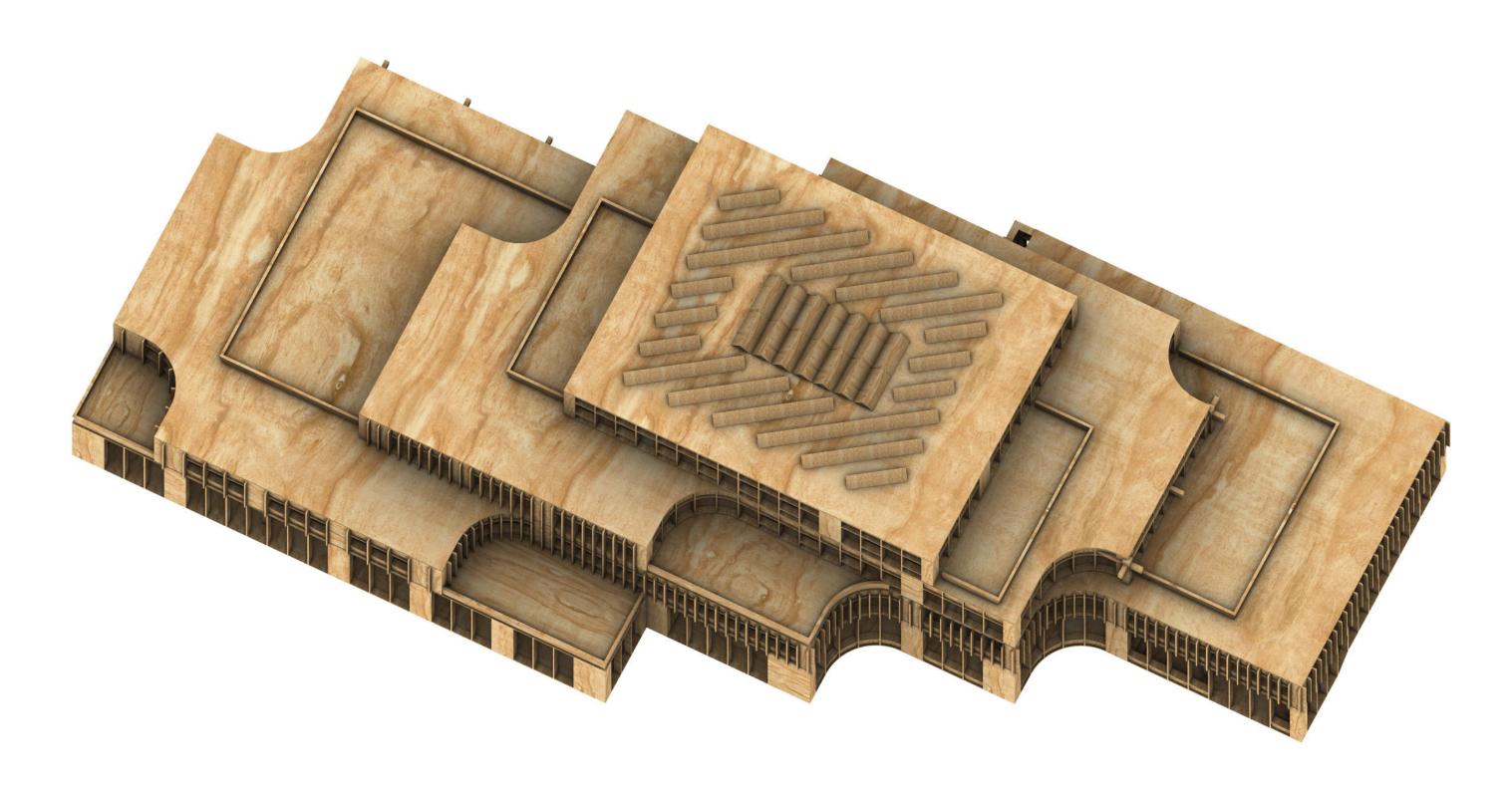




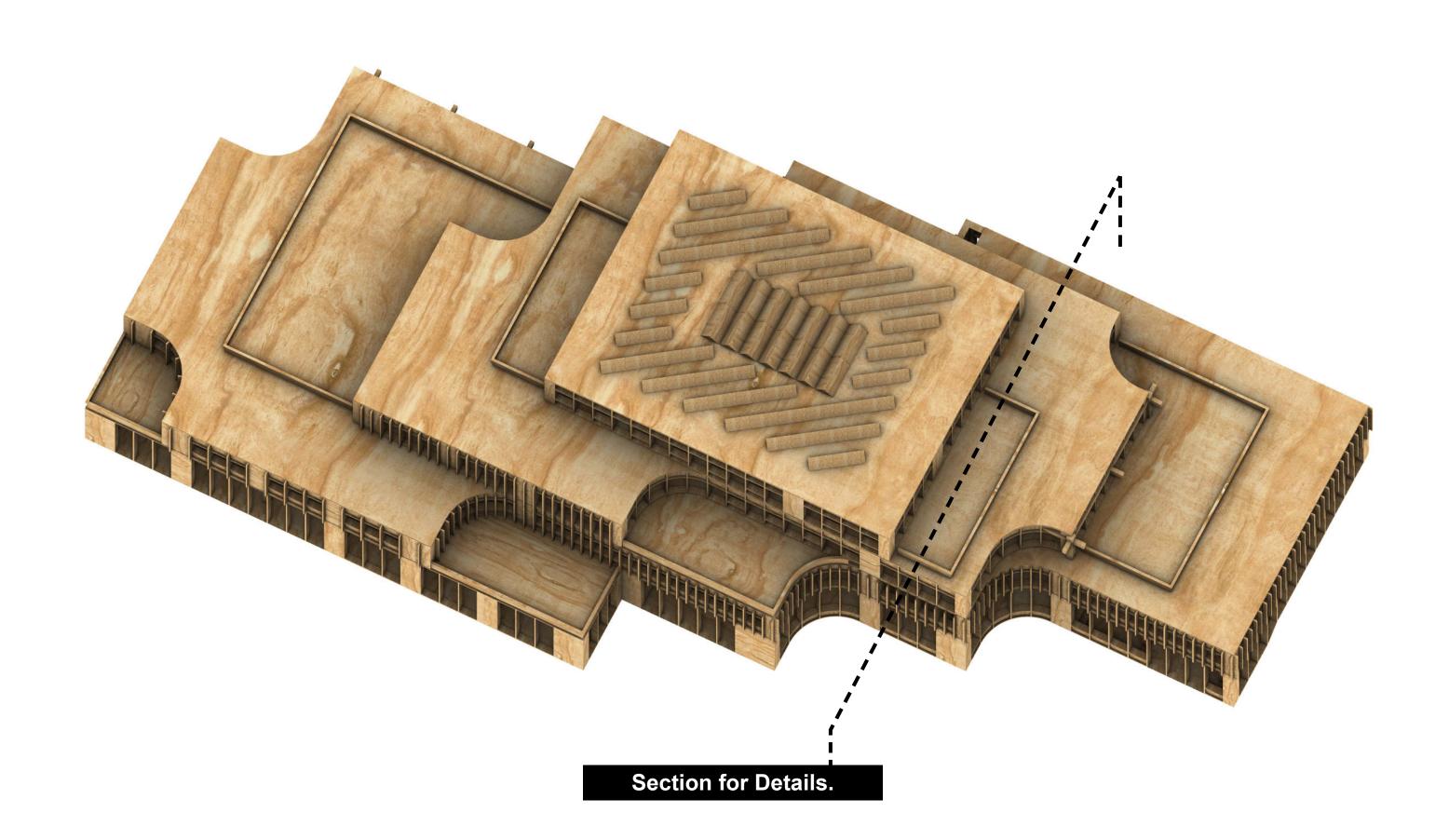


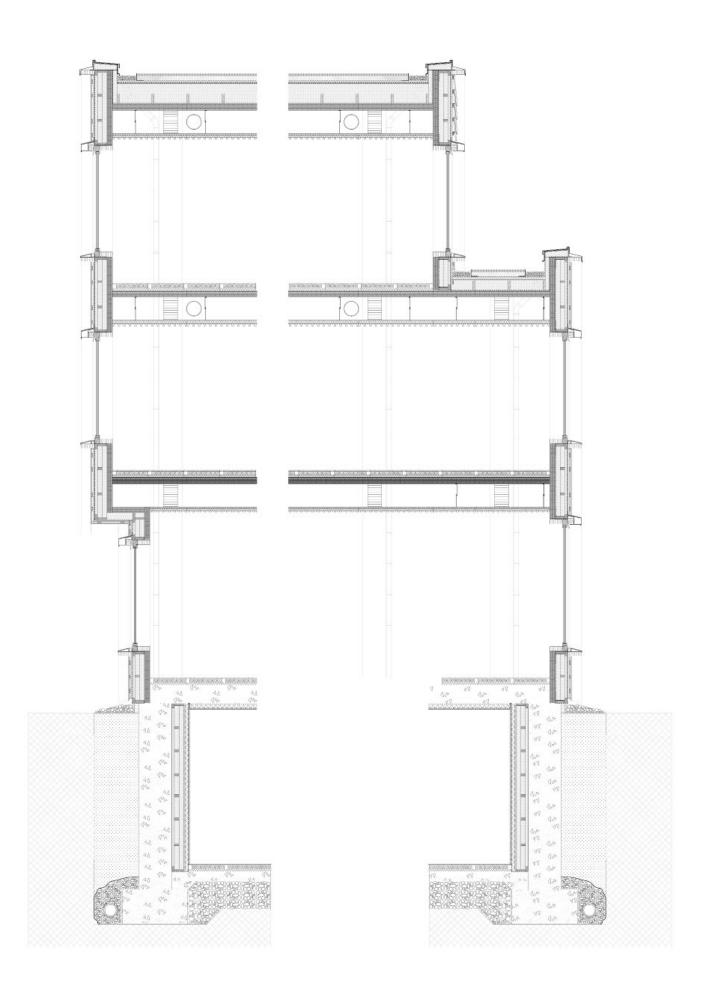


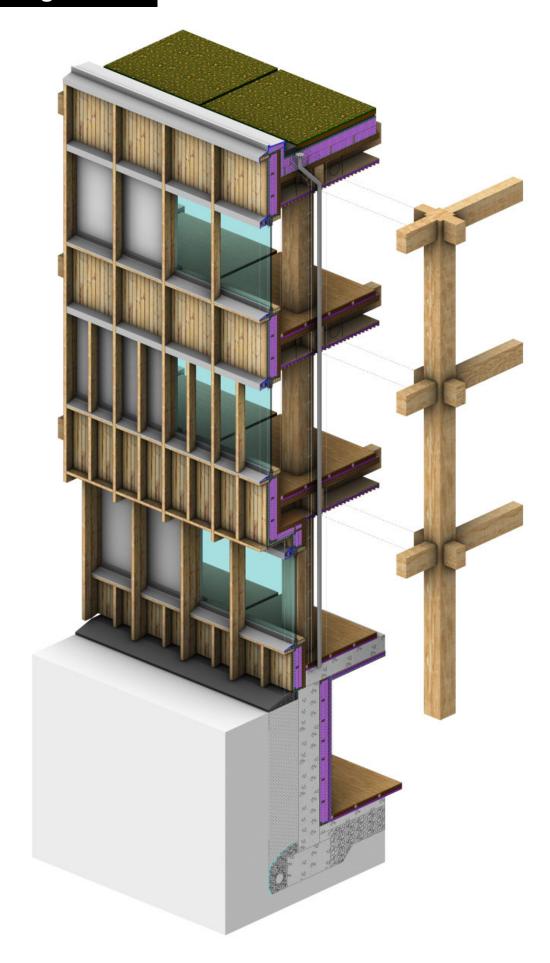


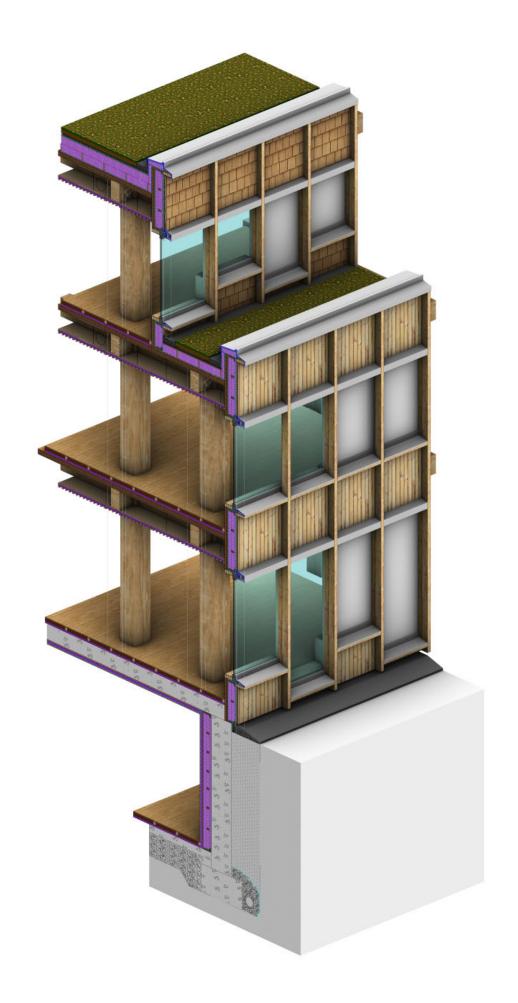


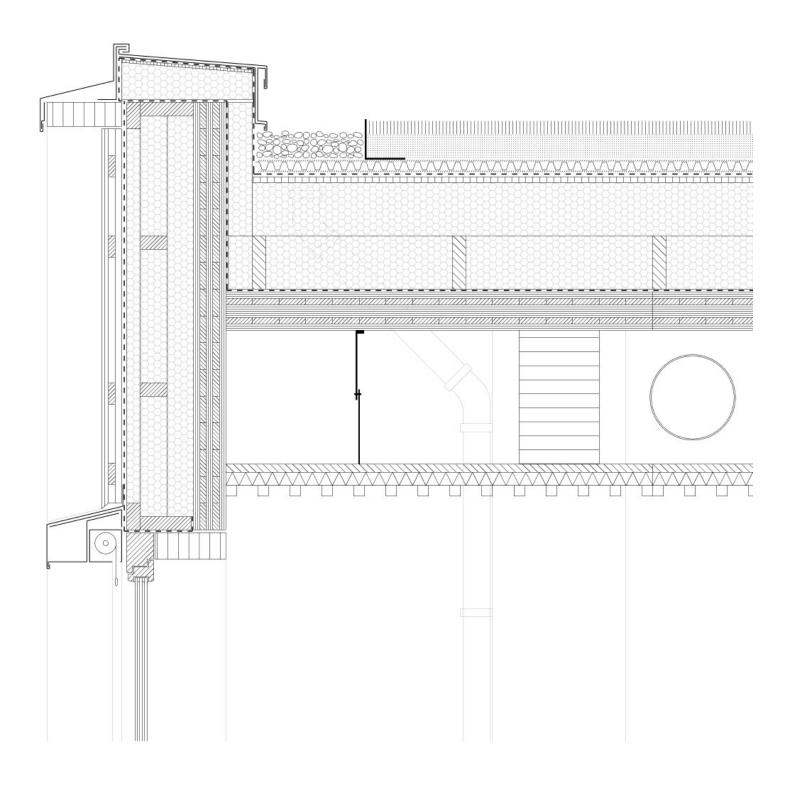
Facade.



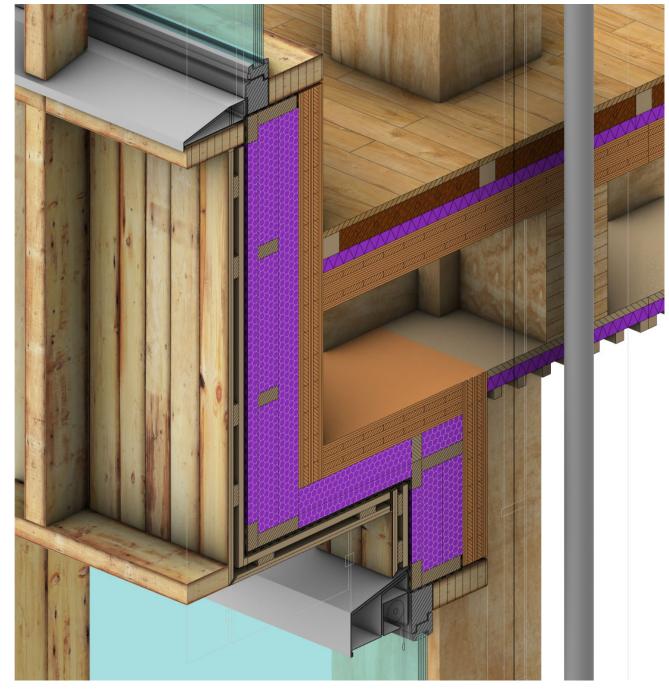


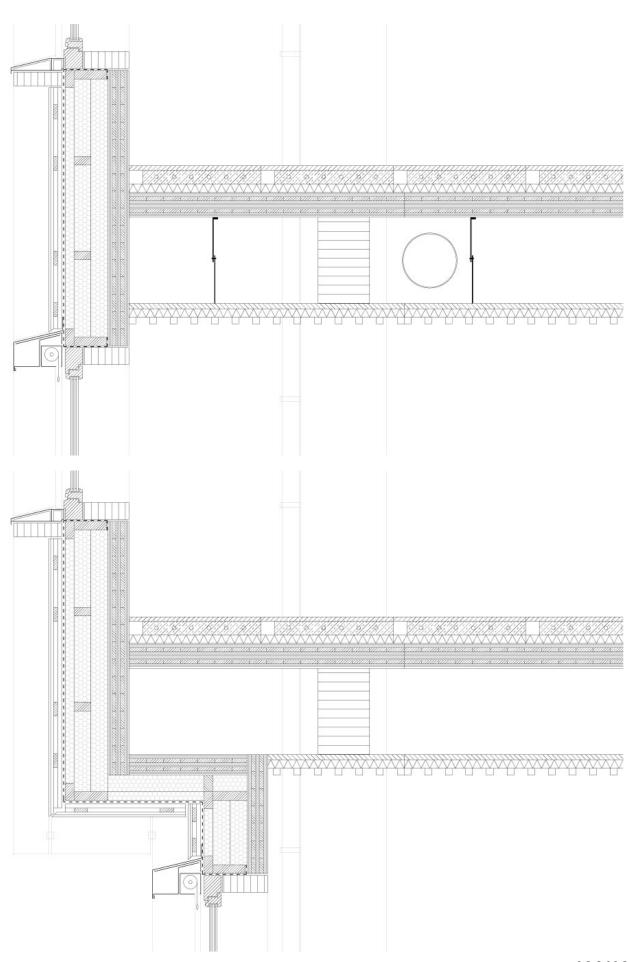


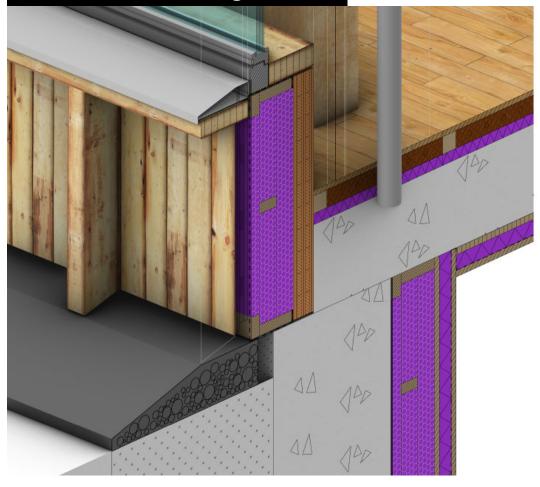


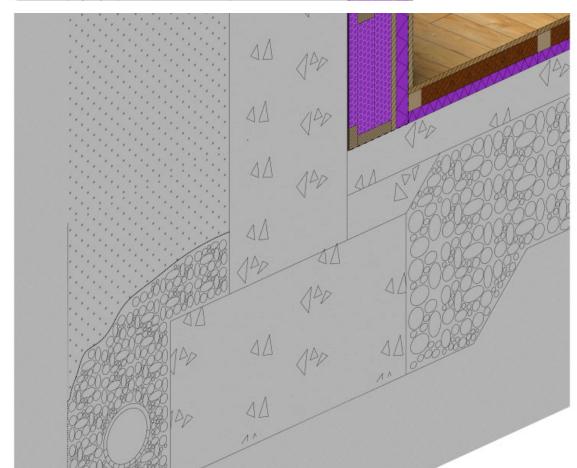


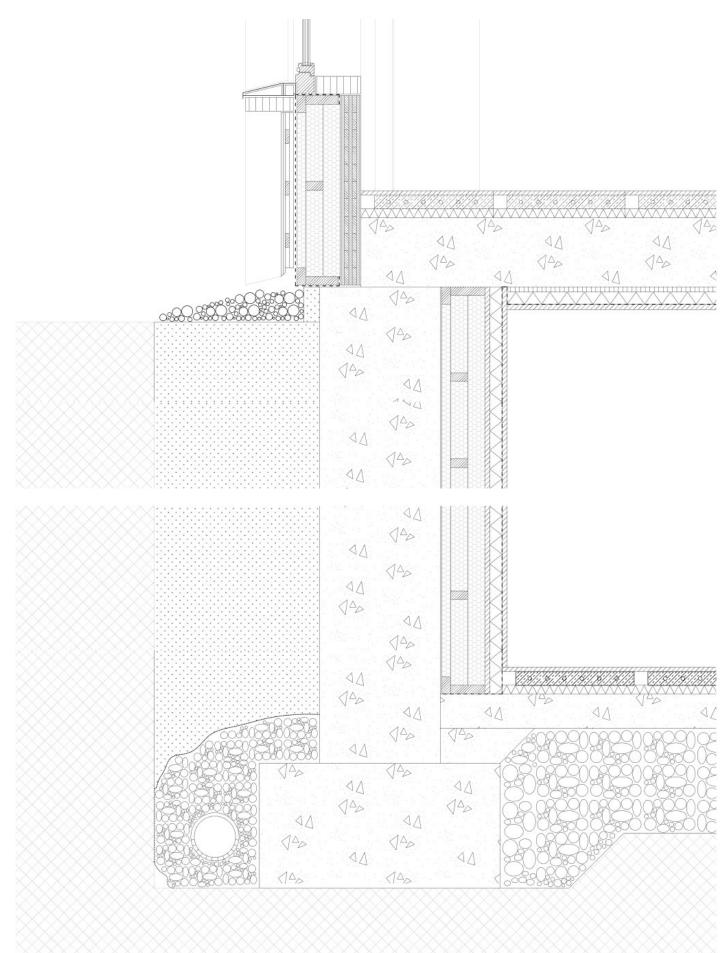












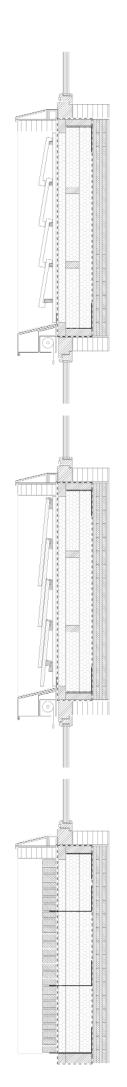


Roof Tiles



Wood Shingles





Brickwork

Chapter 06:
Conclusion.

