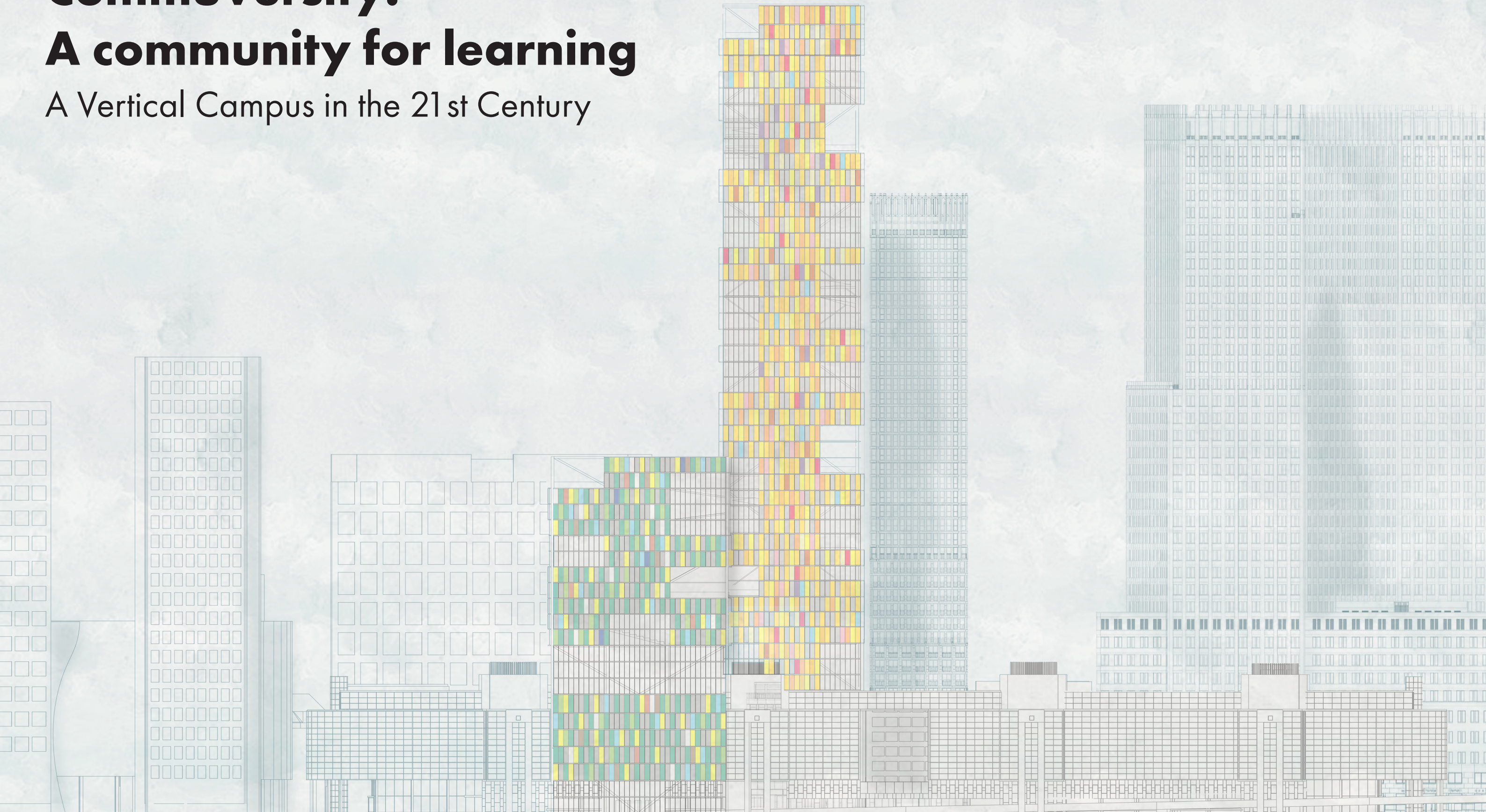


CommuVersity:

A community for learning

A Vertical Campus in the 21st Century





What is a campus in the 21st century

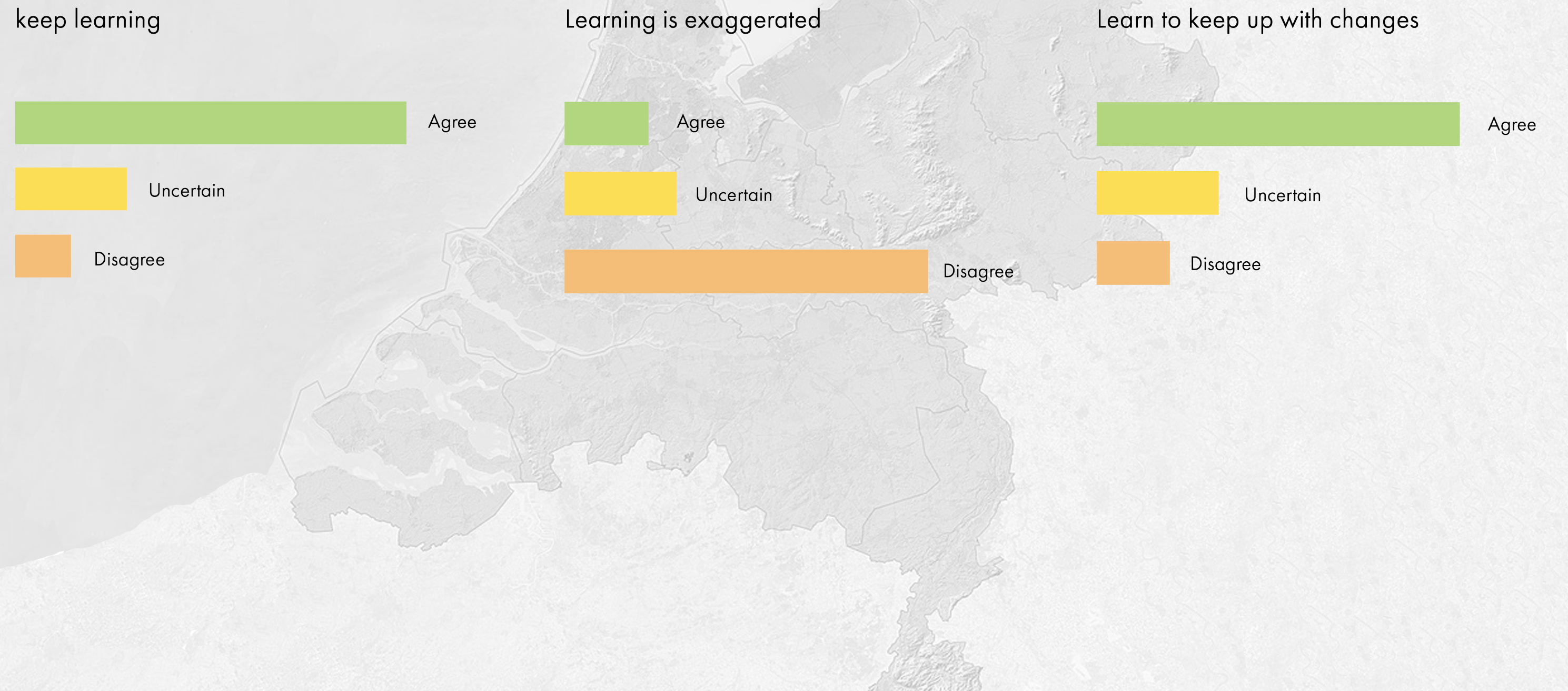
Why the concept of 'community'

Where is the location

How to reflect concept and construct

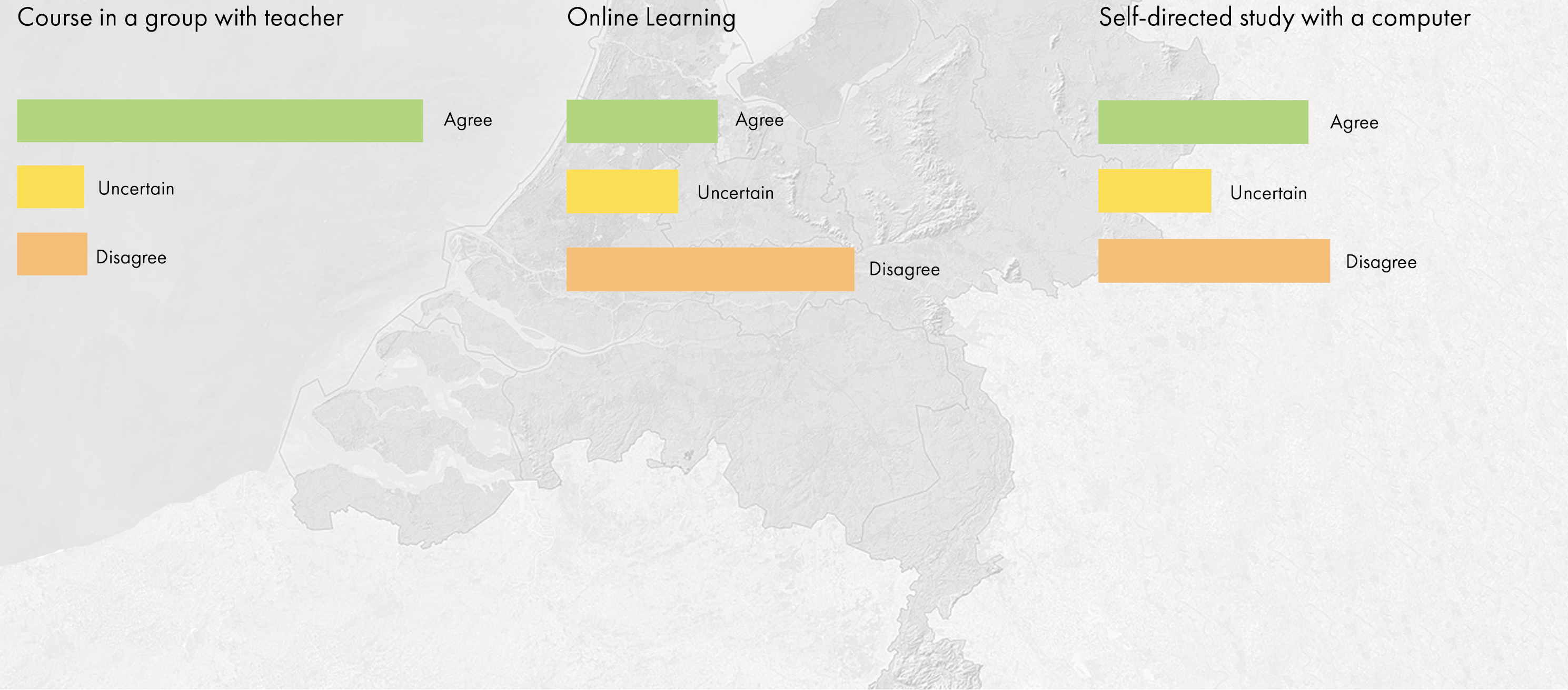
Learning in Modern Society

Develop a Life Long Learning Scheme in The Netherlands



Learning in Modern Society

Physical Learning Space & Flexible Learning



Current Educational Spaces

Rigid space with users from a fixed group of people



Learning in Modern Society

Enhancing Learning Through Social Interaction

For Children & Teenager

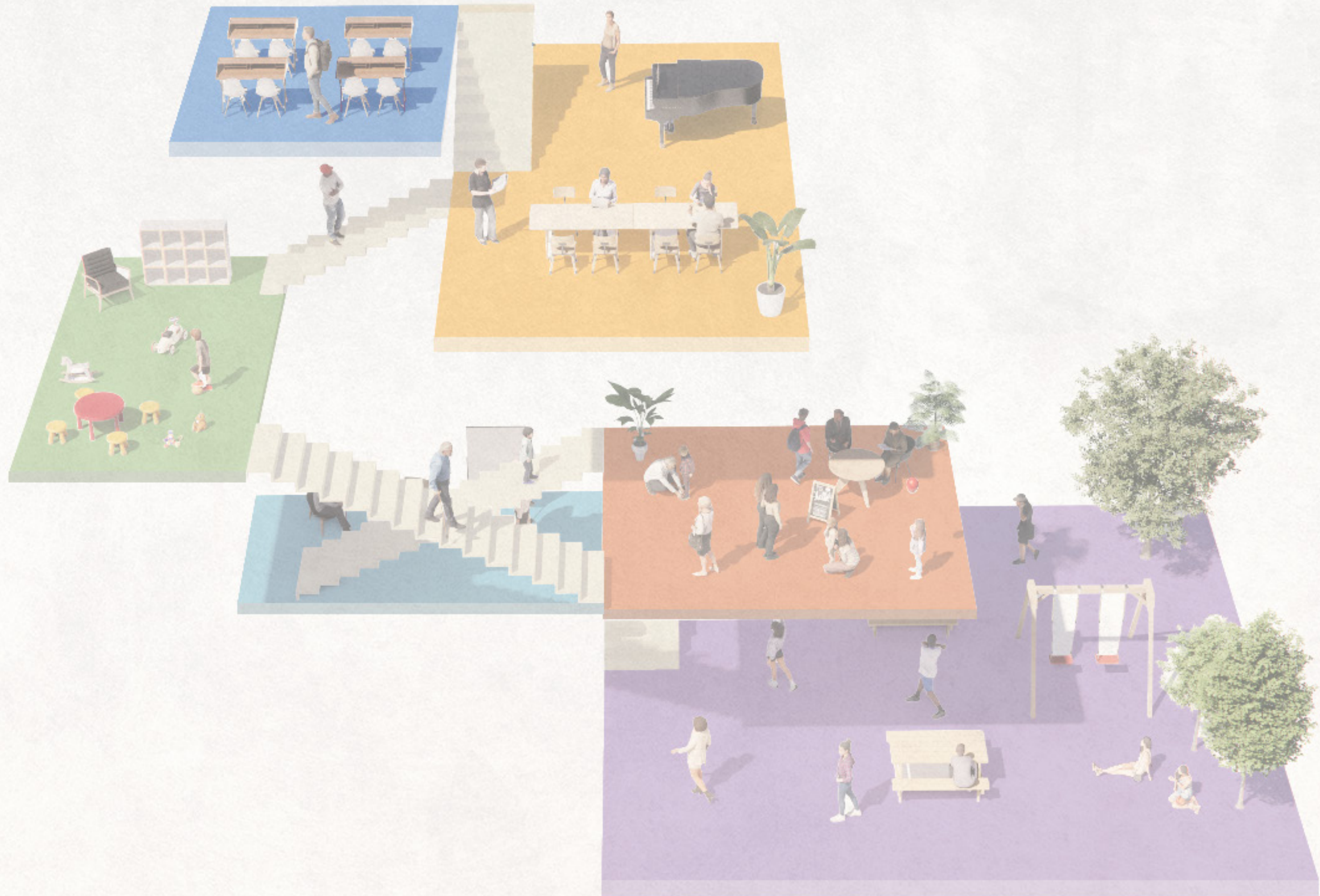
“Social interaction is crucial for optimal cognitive and brain development”

For Adult & Elderly

“Social interaction is a booster in adult human learning”

Vertical Campus in the 21st Century

The concept of Community



Vertical Campus in the 21st Century

Why 'Community' ?



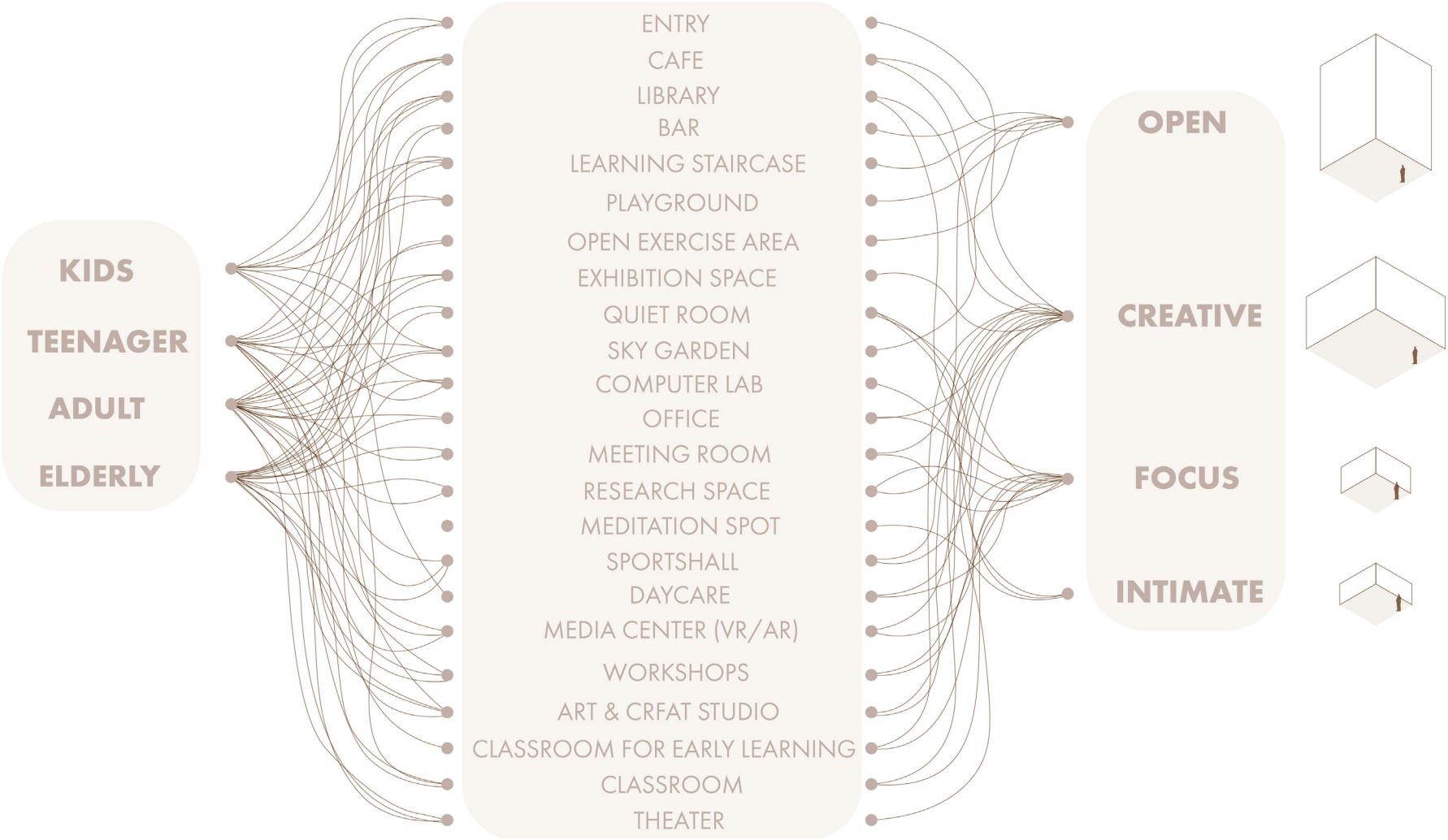
The action of learning

'The School of Athens



Programs & Configuration

Sort by hierarchy, threshold, and multi-generation learning



Site Information

The Hague, Netherlands



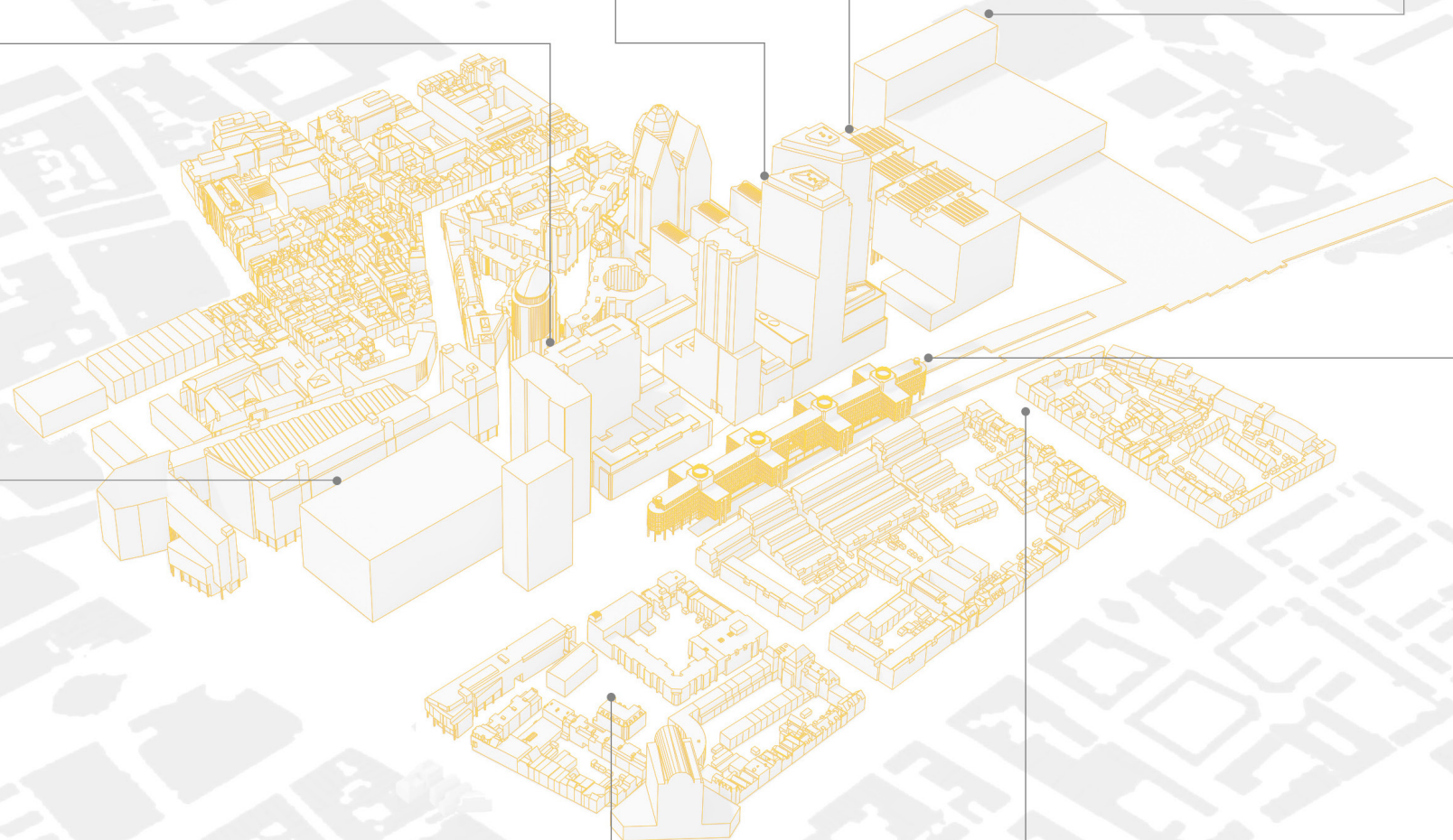
Site Information

Central area in The Hague



Site Information

Surrounding buildings: diverse building typology



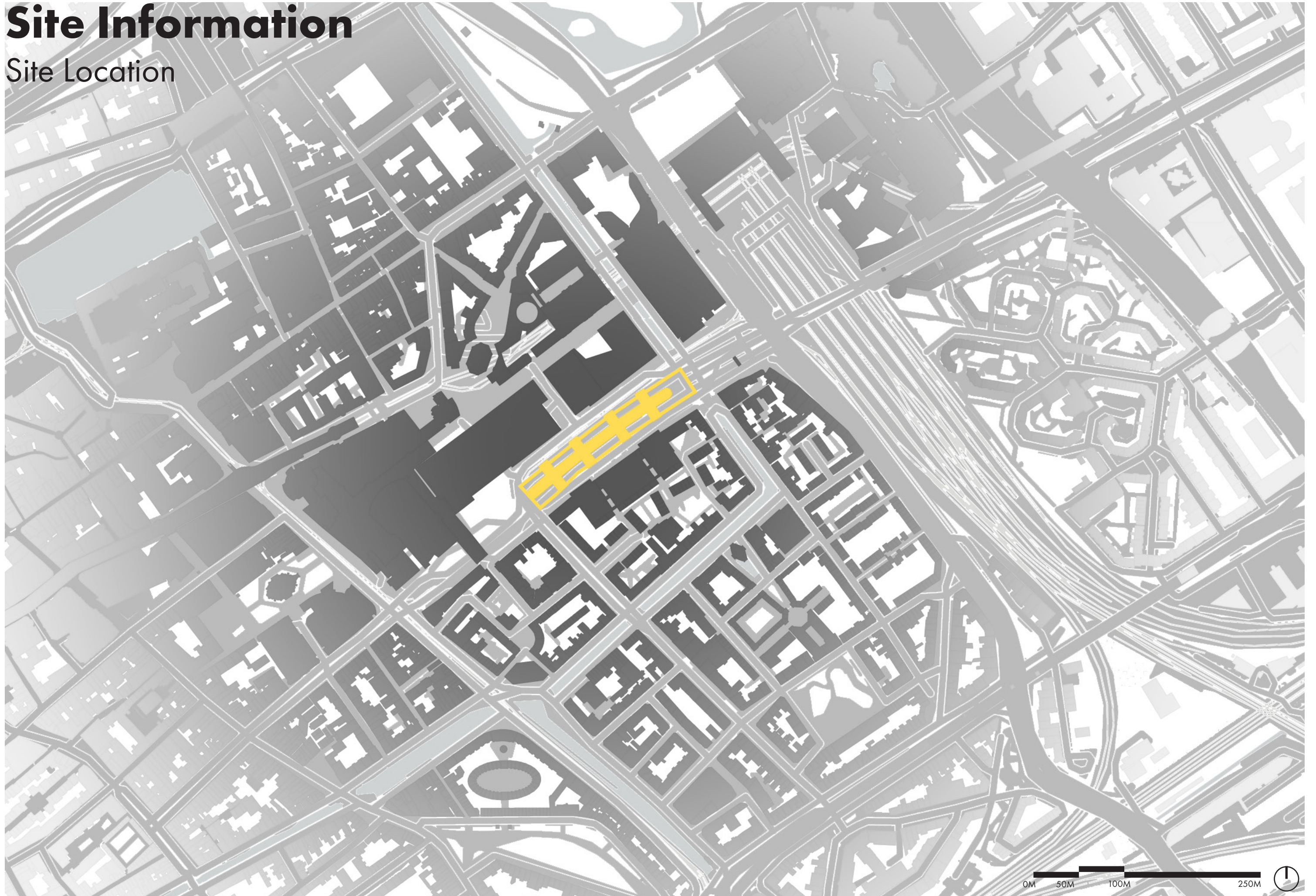
Capacity Plan

Envision a Green and Accessible Future



Site Information

Site Location



Site Information

Reasoning



Diversity



Connection



Public

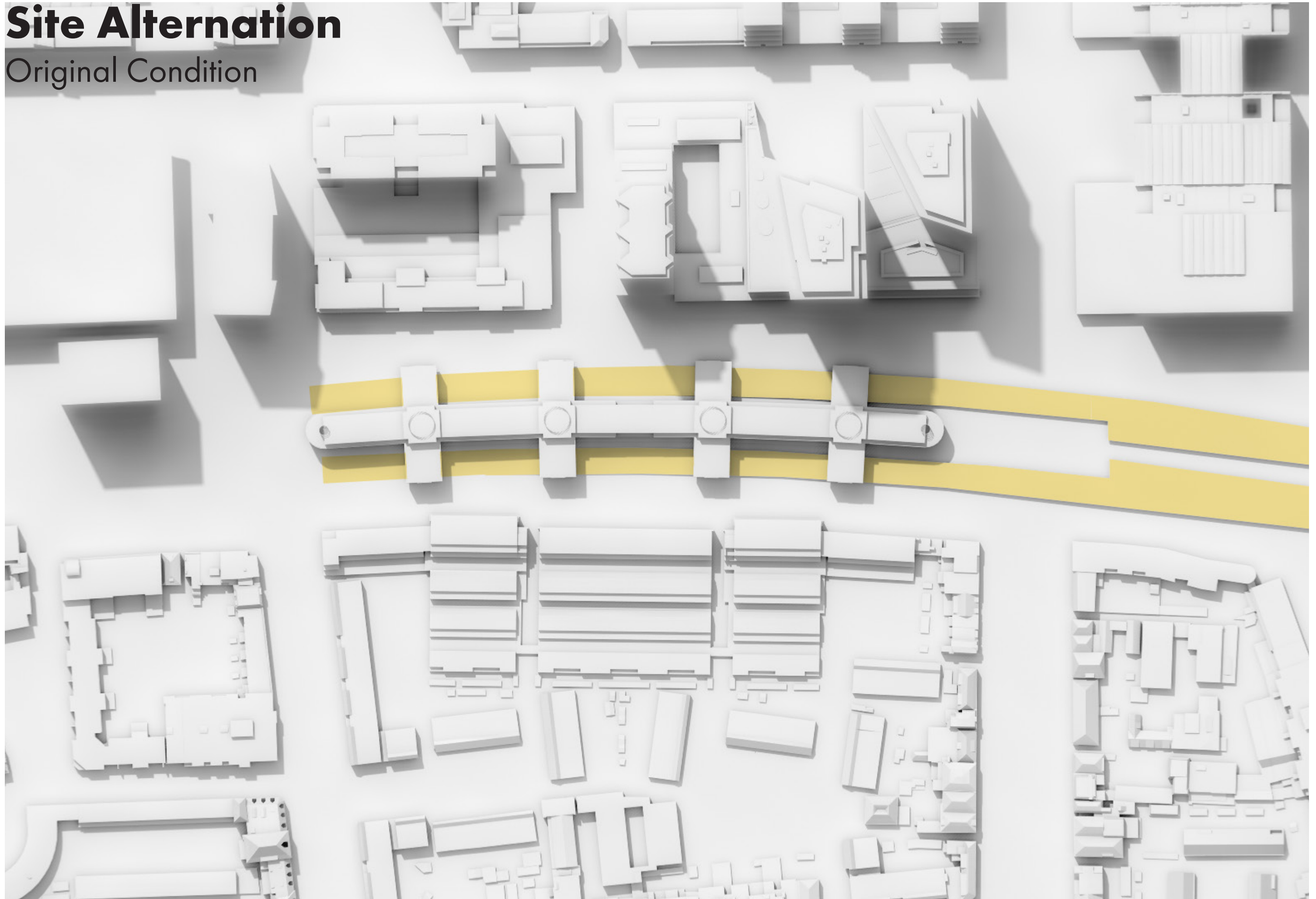
Site Information

Circulation and Accessibility



Site Alternation

Original Condition



Site Alternation

Push traffic to one side



Site Alternation

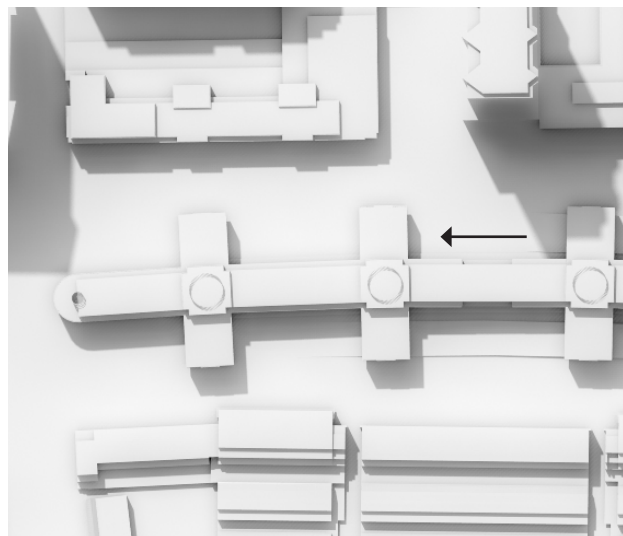
Add Ramp for accessibility



Site Alternation

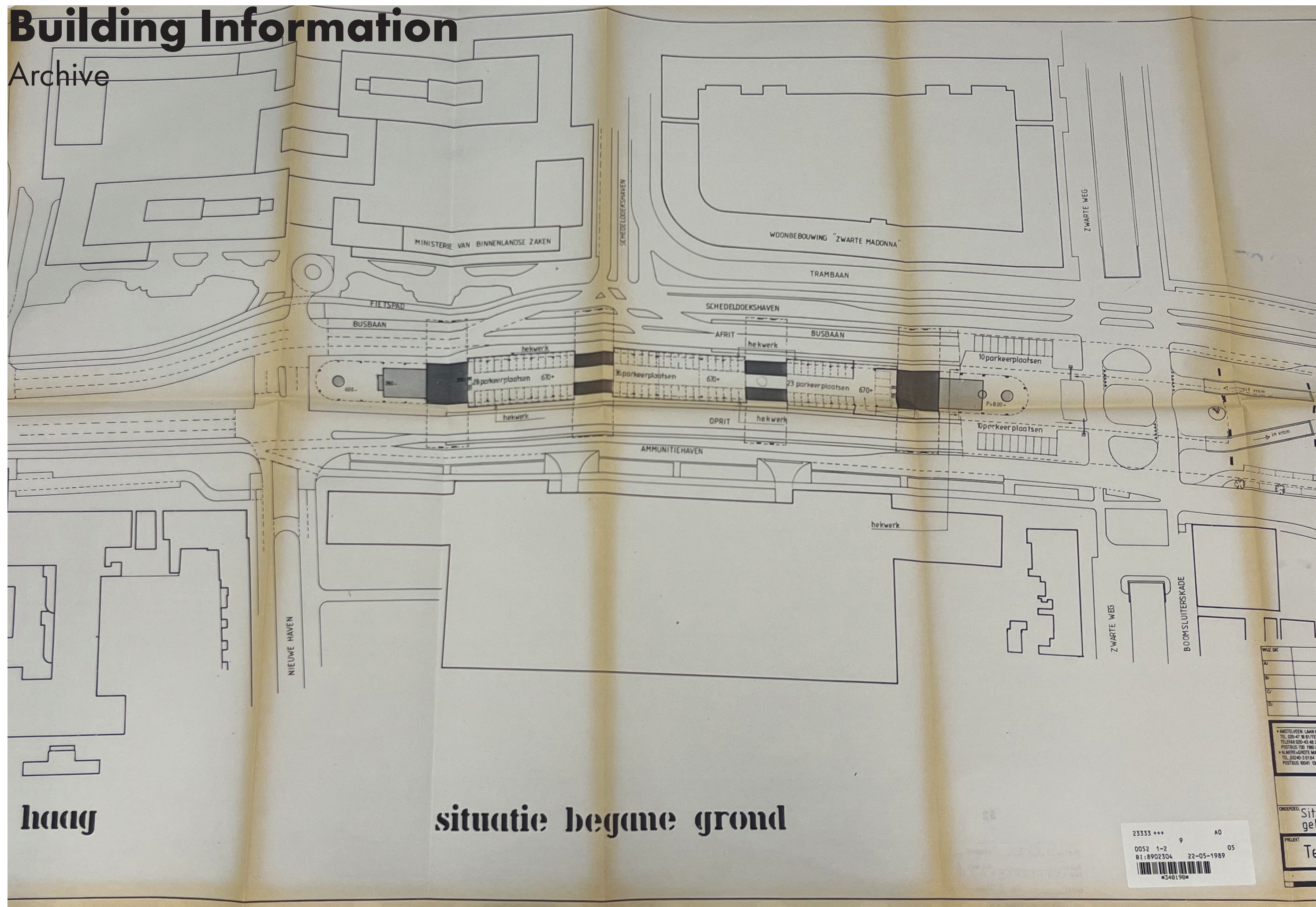
Green walk way and public space extension





Building Information

Archive



haag

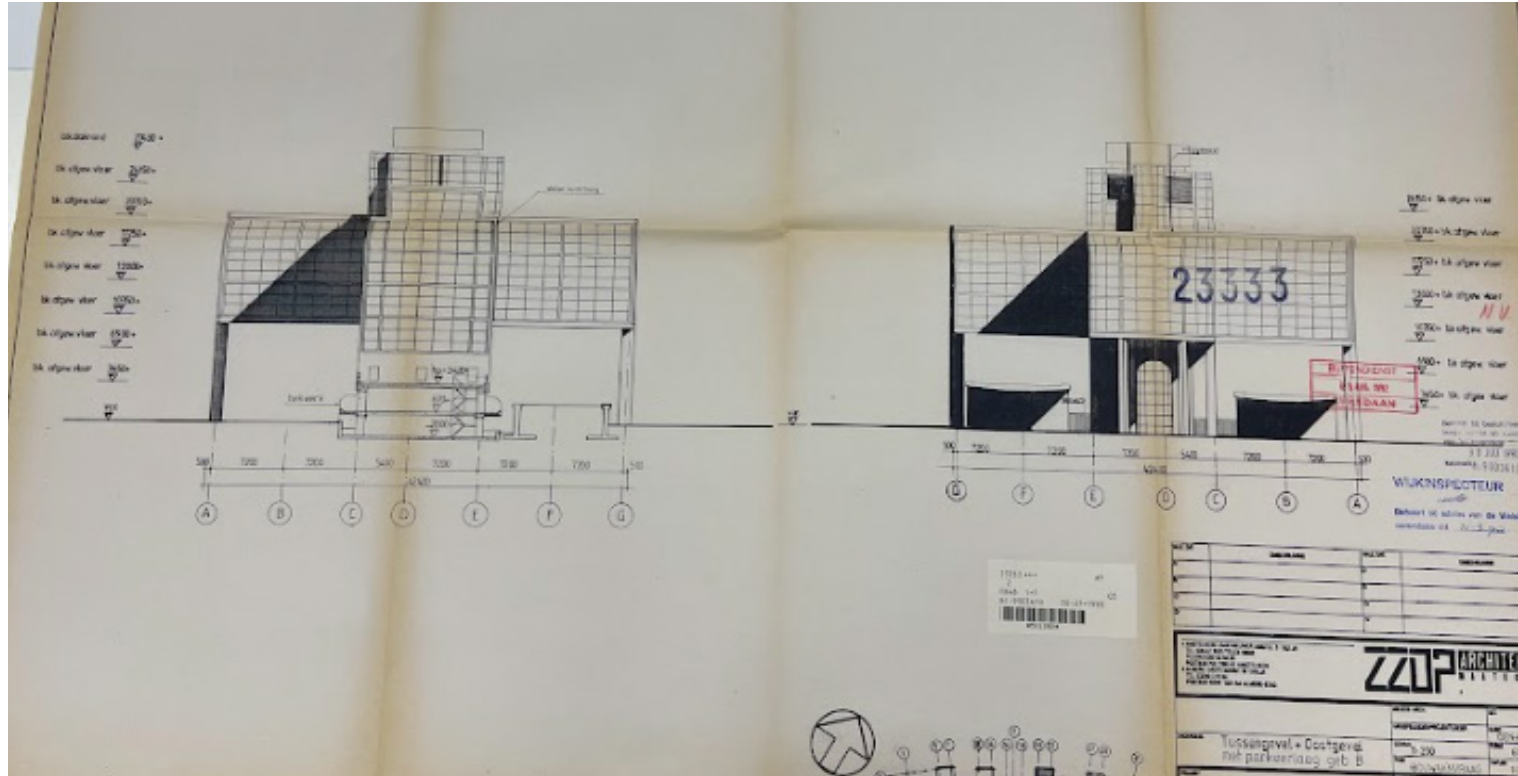
situatie begane grond

23333 +++ 9 A0
0052 1-2
B1:8902304 22-05-1989 05
#348198#

WUZ DAT	
A/	
B/	
C/	
D/	
ONDERDEEL	Situ geb
PROJECT	Ter

Building Information

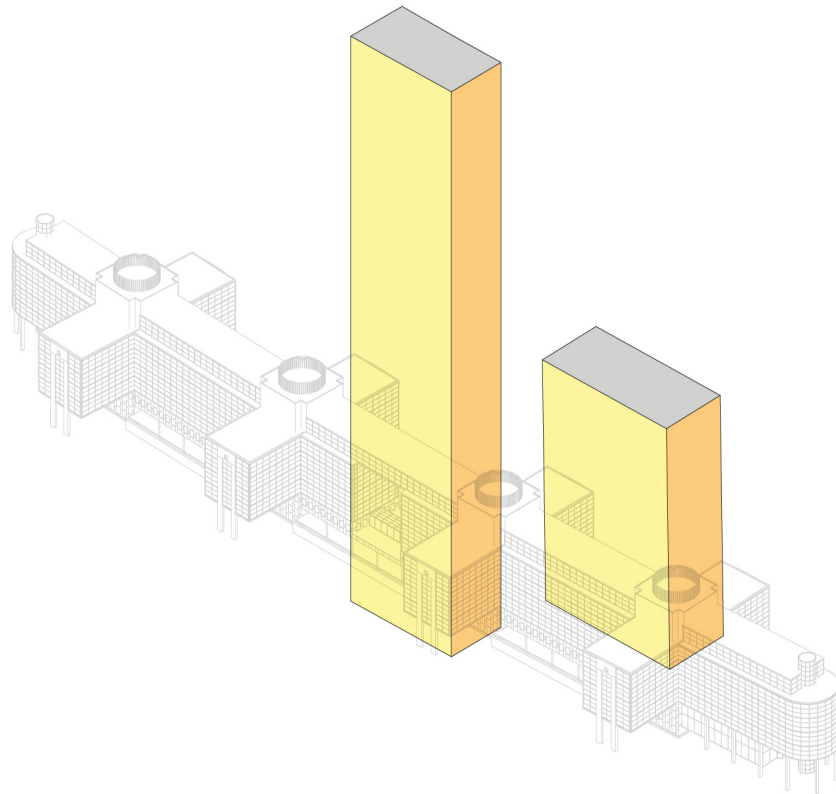
Archive & Site Photos



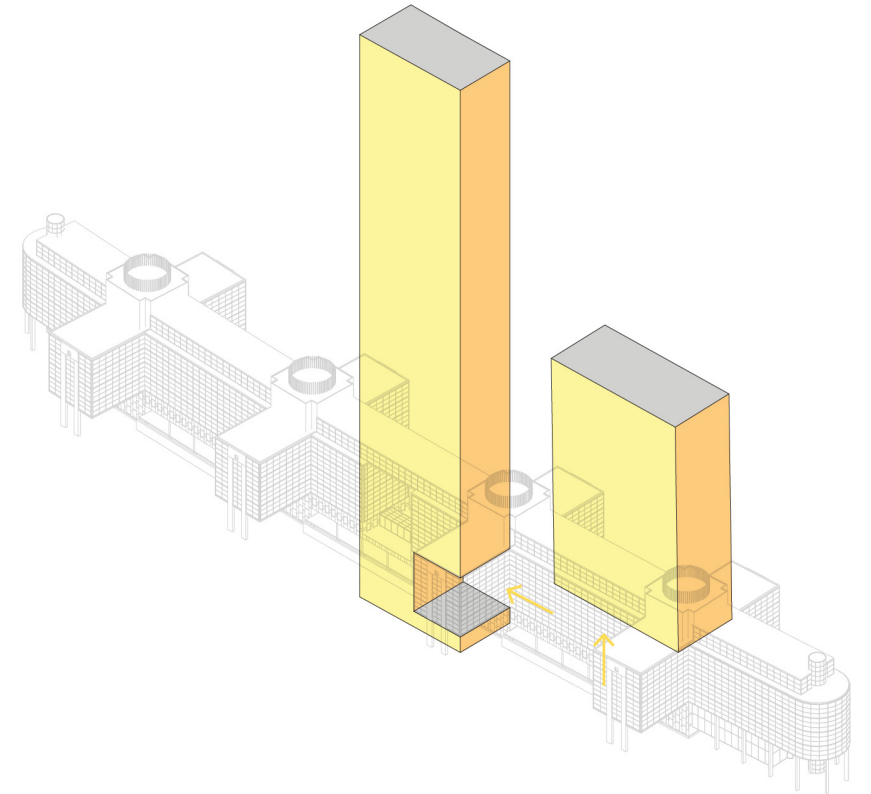
Massing Diagram

Step by step massing decisions

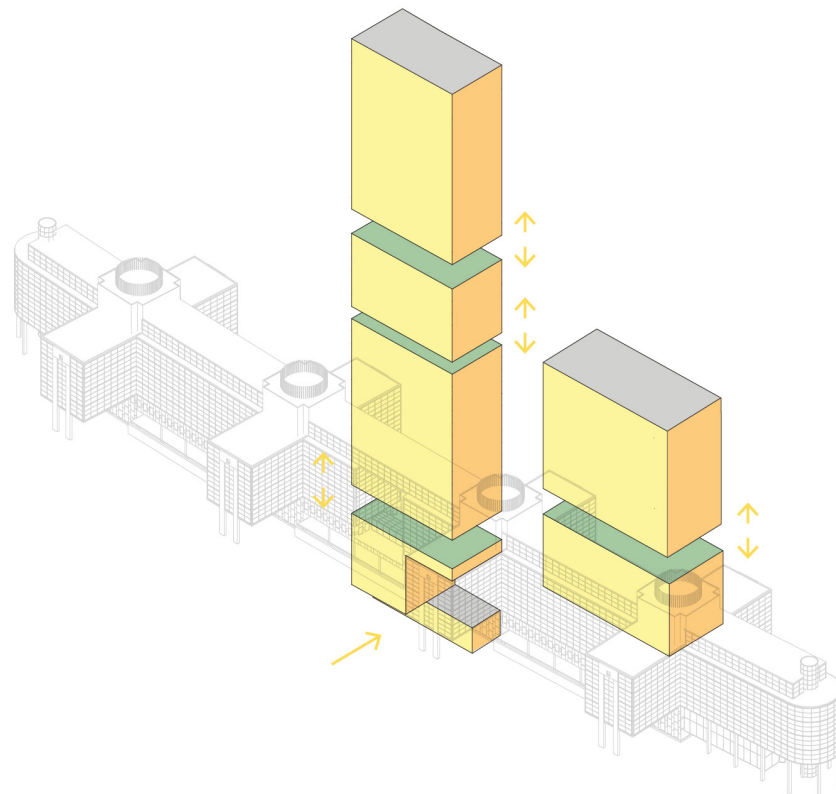
1.
Blocks Extrusion



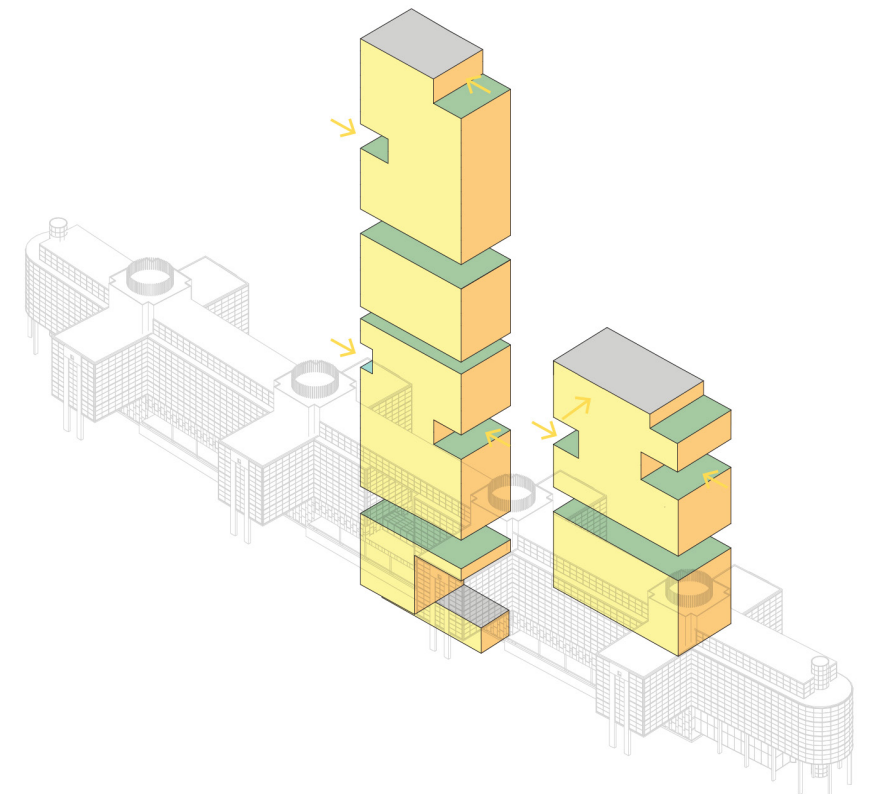
2.
Fit into existing
building



3.
Cut for entrance
and major
public space

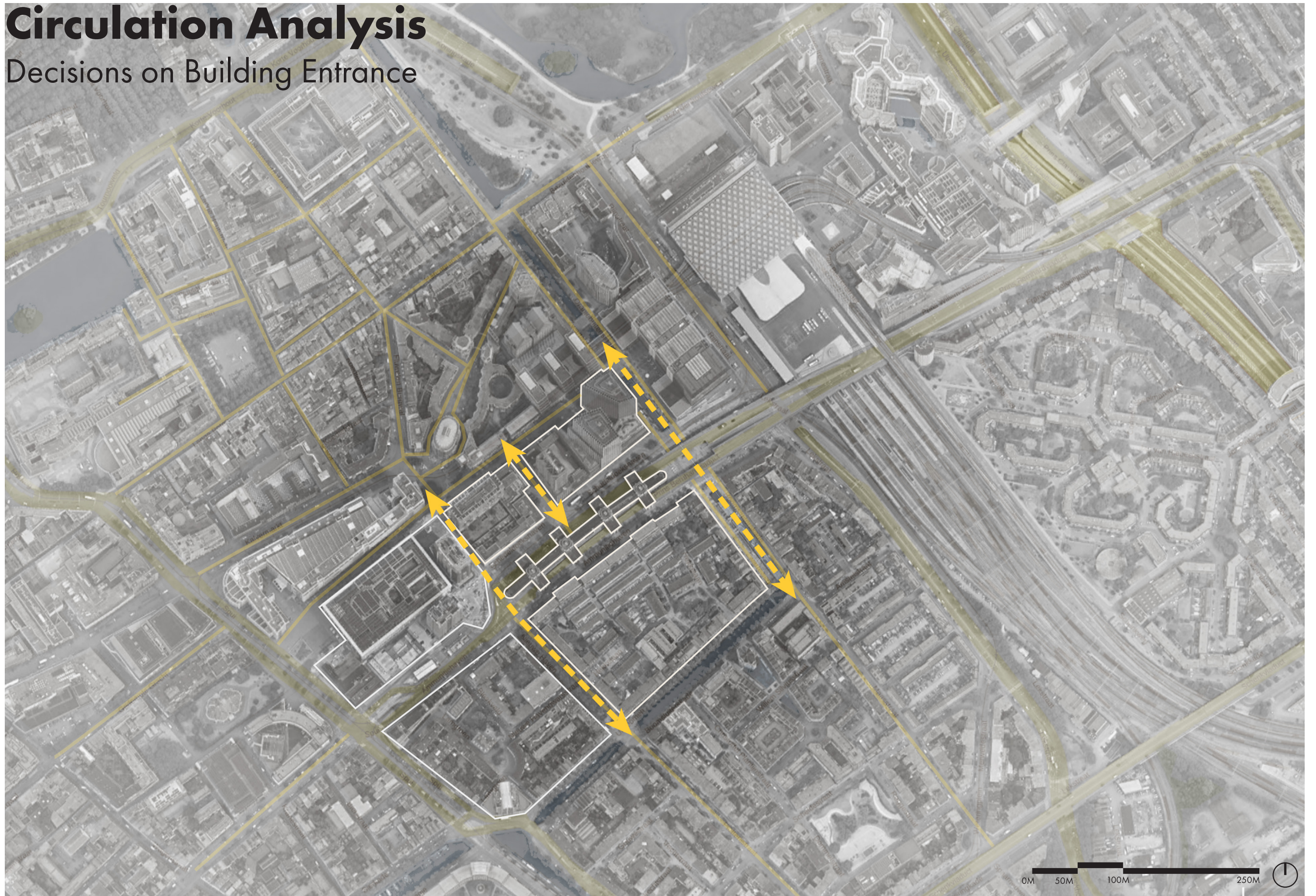


4.
Open for views
and visual
connections to
the city



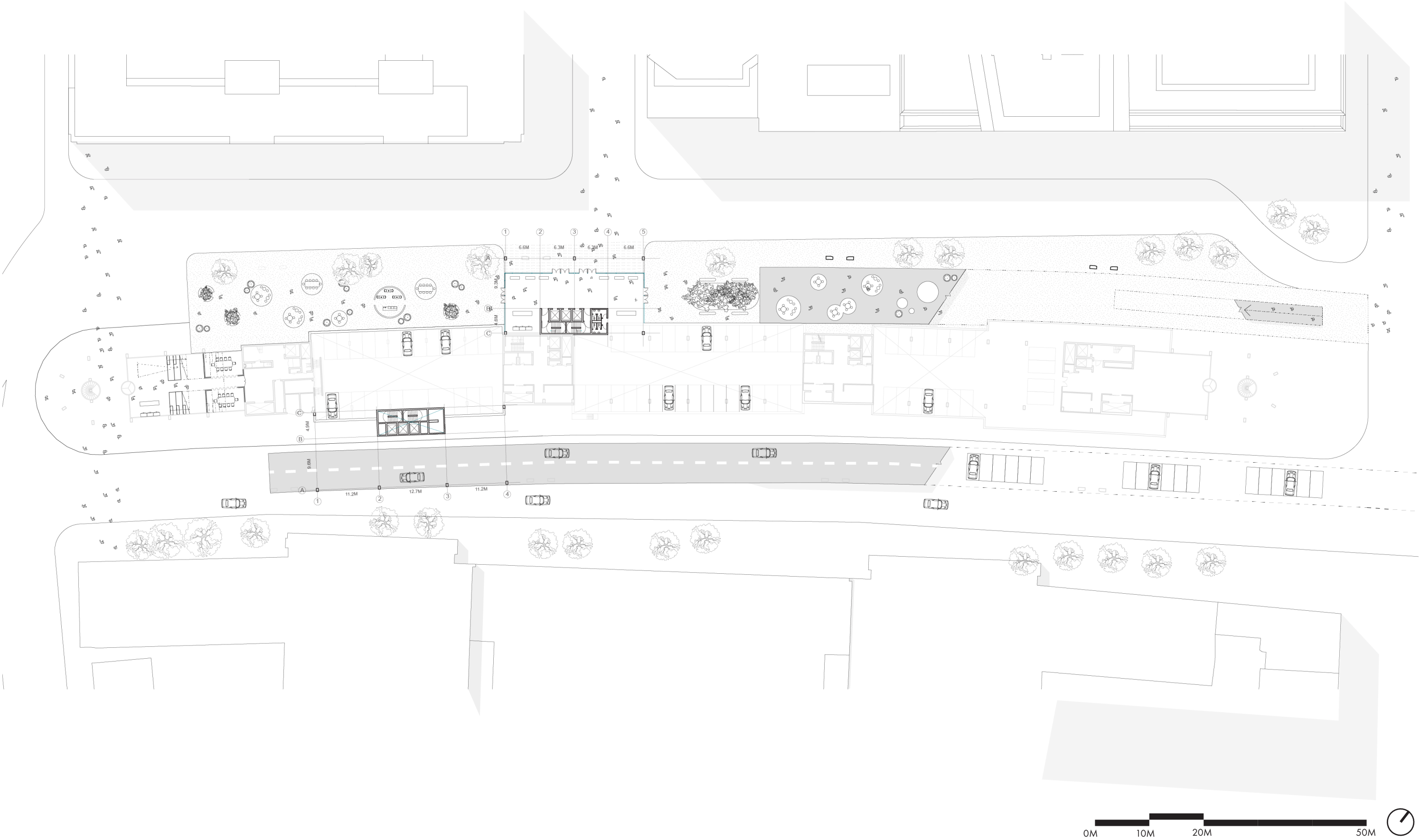
Circulation Analysis

Decisions on Building Entrance



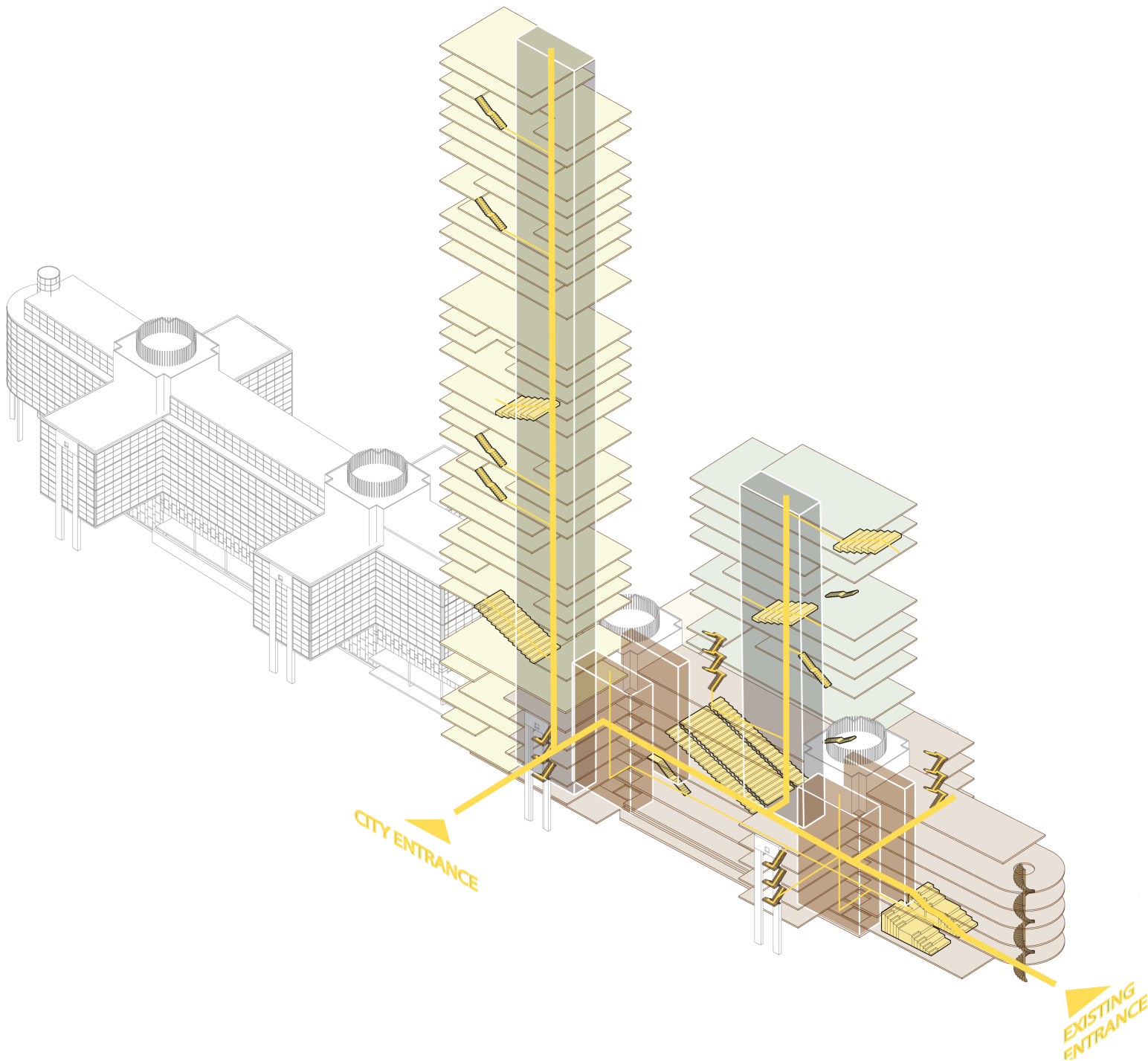
Ground Floor Plan

Three axes for accessibility



Circulation & Programs

Main entrances to campus and program allocation



CLASSROOM	SKY LOUNGE	OUTDOOR GARDEN
INFORMAL STUDY SPACE	INTIMATE SPACE	
CLASSROOM	INFORMAL STUDY SPACE	STUDIO
CLASSROOM	INFORMAL STUDY SPACE	INTIMATE SPACE
CLASSROOM		STUDIO
OUTDOOR GARDEN	MEETING SPACE	MEDITATION
OFFICE		
OFFICE		
OFFICE		
OFFICE		
OFFICE		
OFFICE		
LOUNGE		
SKY GARDEN		
INFORMAL STUDY SPACE	RESEARCH	RESEARCH
INTIMATE SPACE	LOUNGE	RESEARCH
VR CENTER	THEATER	PLAZA
OFFICE		
OFFICE		
OFFICE		
OFFICE		
OFFICE		
OUTDOOR GARDEN		
SPORTS CENTER		OUTDOOR EXERCISE
LOUNGE	STUDIO	CLASSROOM
STUDIO	CLASSROOM	CLASSROOM
THEATER		
PLAYGROUND EVENT SPACE		
CLASSROOM		
CLASSROOM	MEDIA SPACE	
CLASSROOM	LIBRARY + CAFE	
LOBBY		
ENTRANCE		

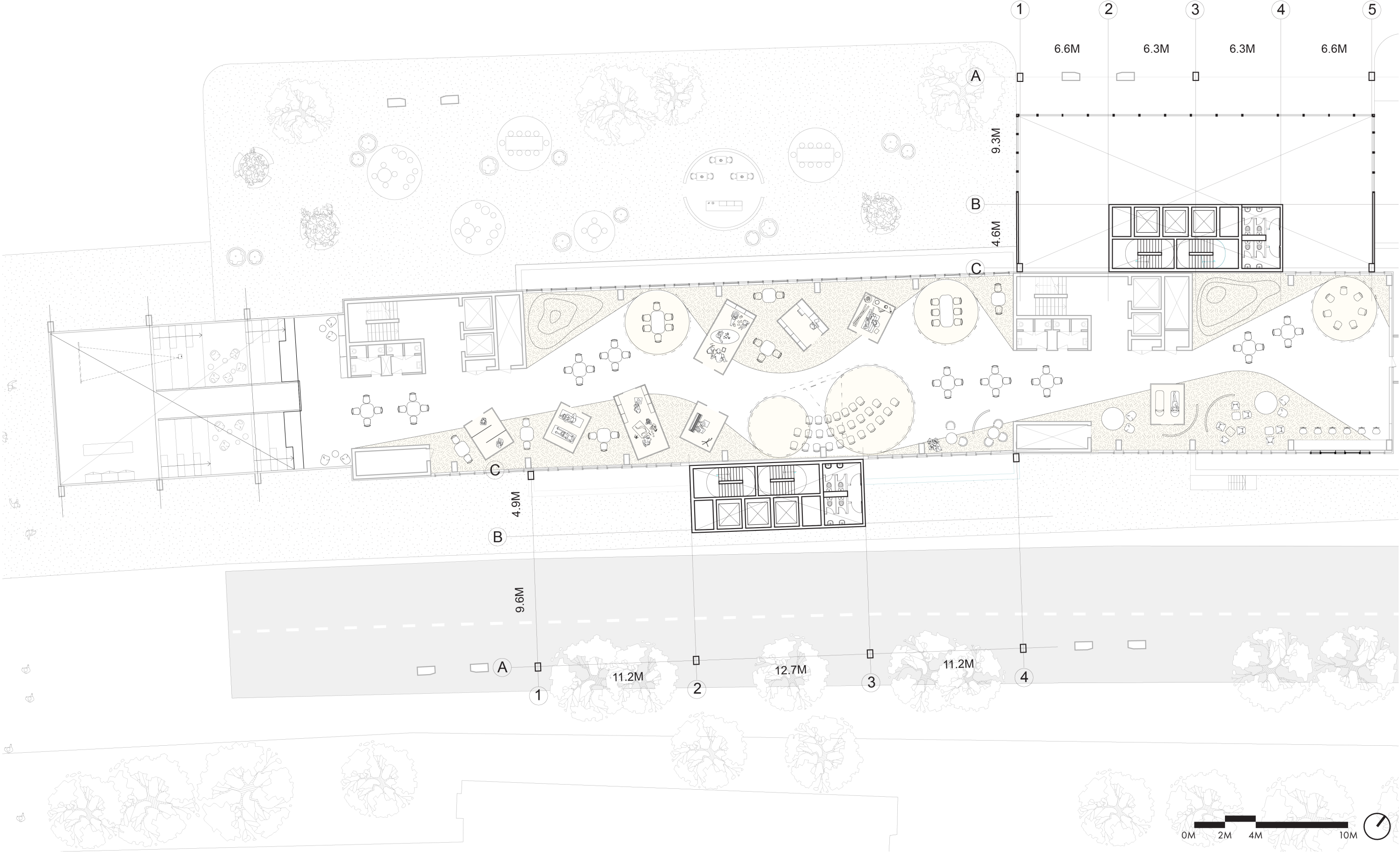
OUTDOOR GARDEN		COMPUTER LAB
CLASSROOM	STUDY LOUNGE	THEATER
CLASSROOM	MEDITATION	
CLASSROOM	INFORMAL STUDY SPACE	OUTDOOR GARDEN
OUTDOOR GARDEN	CLASSROOM	OFFICE
LOUNGE	OFFICE	LOUNGE
	OFFICE	MEDITATION
THEATER	STUDY LOUNGE	
PLAYGROUND EVENT SPACE		
OFFICE	DAY CARE	
OFFICE		
	OFFICE	
	OFFICE	

CLASSROOM		THEATER		LOUNGE	CO WORKING
CLASSROOM	MEDIA SPACE				CO WORKING
CLASSROOM					SPORTS HALL
LOBBY	LIBRARY	LIBRARY + CAFE	INFORMAL STUDY SPACE	INFORMAL STUDY SPACE	LOBBY



Second Floor Plan

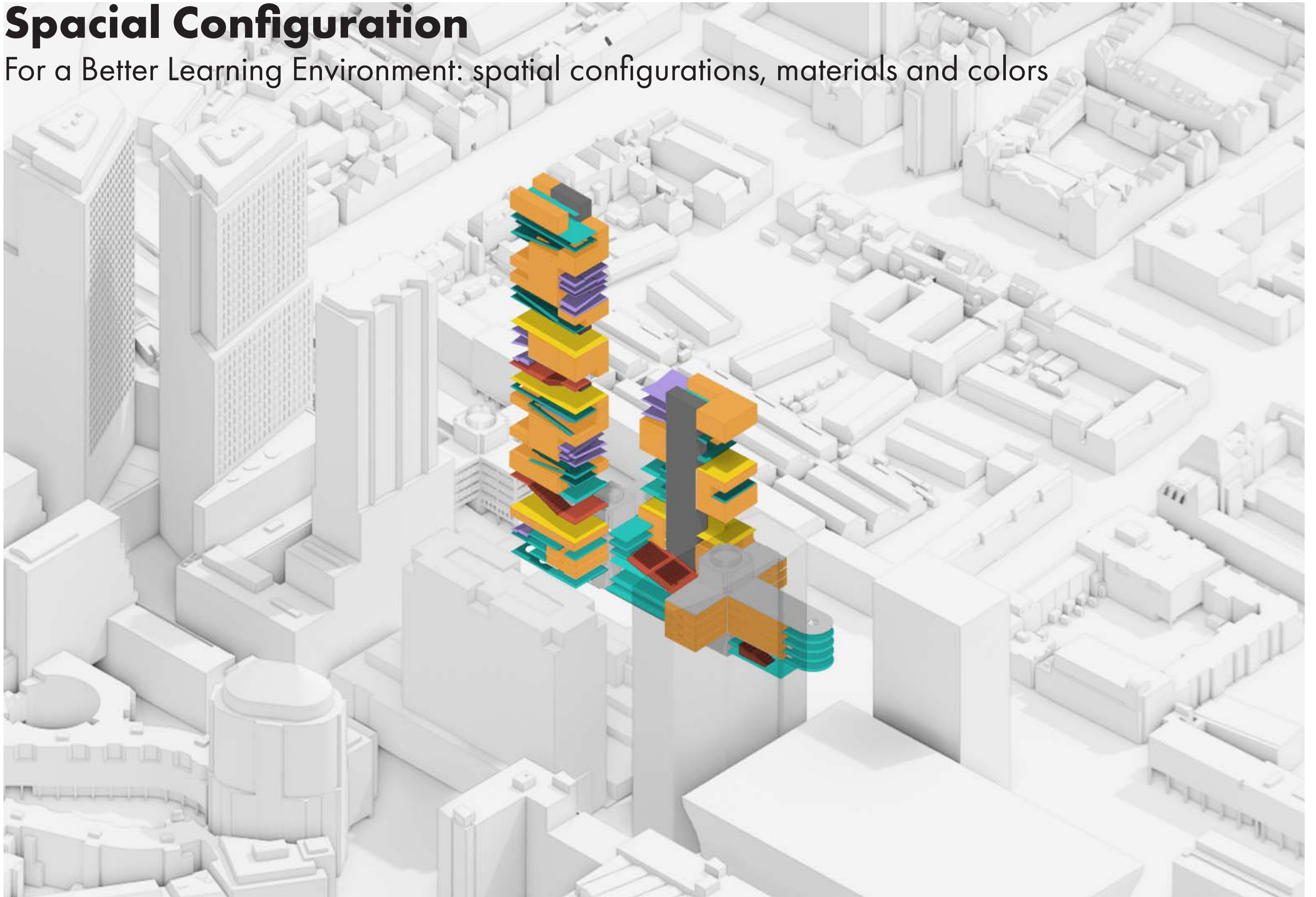
The Avenue with Informal Learning and Activity Spaces





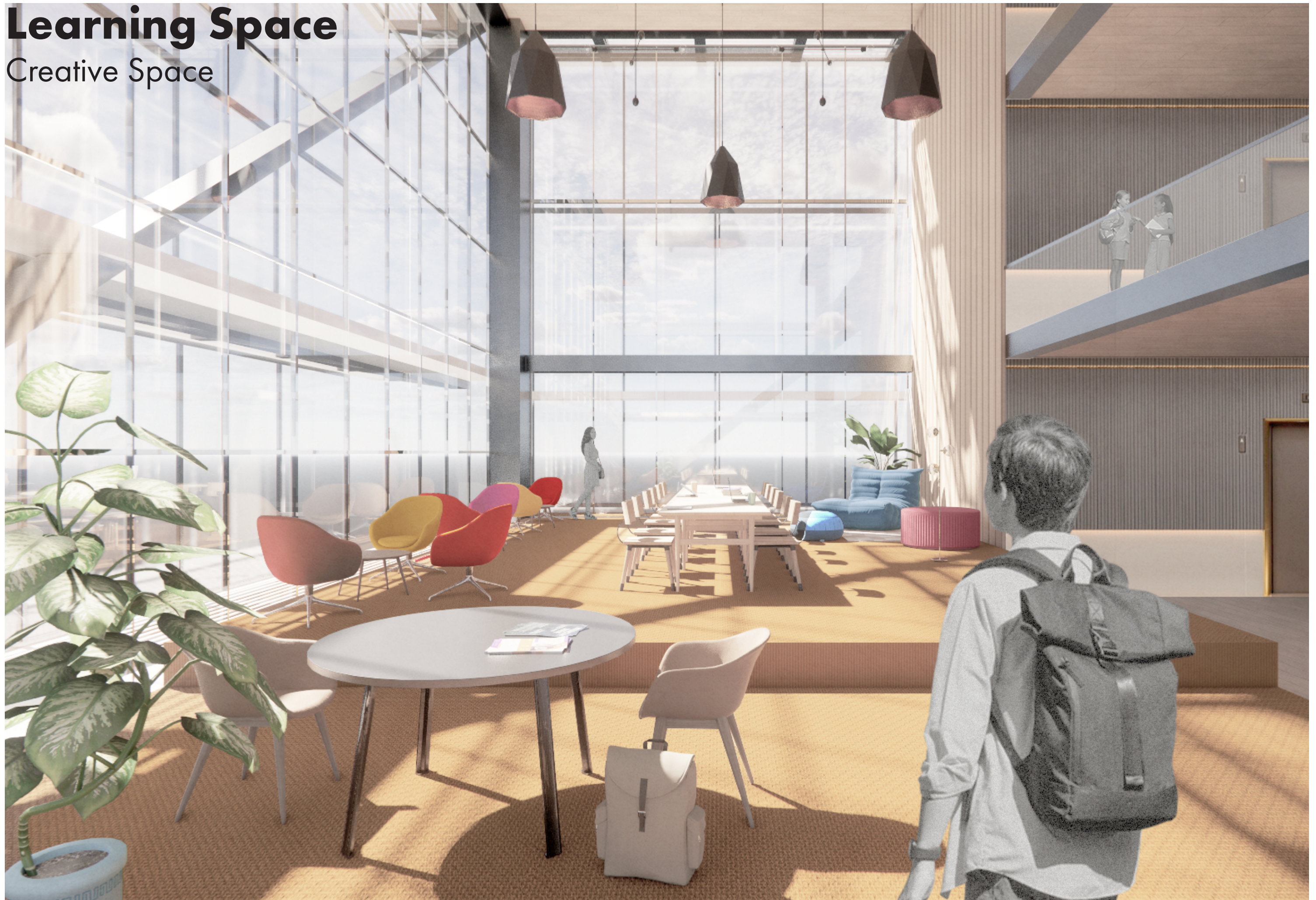
Spatial Configuration

For a Better Learning Environment: spatial configurations, materials and colors



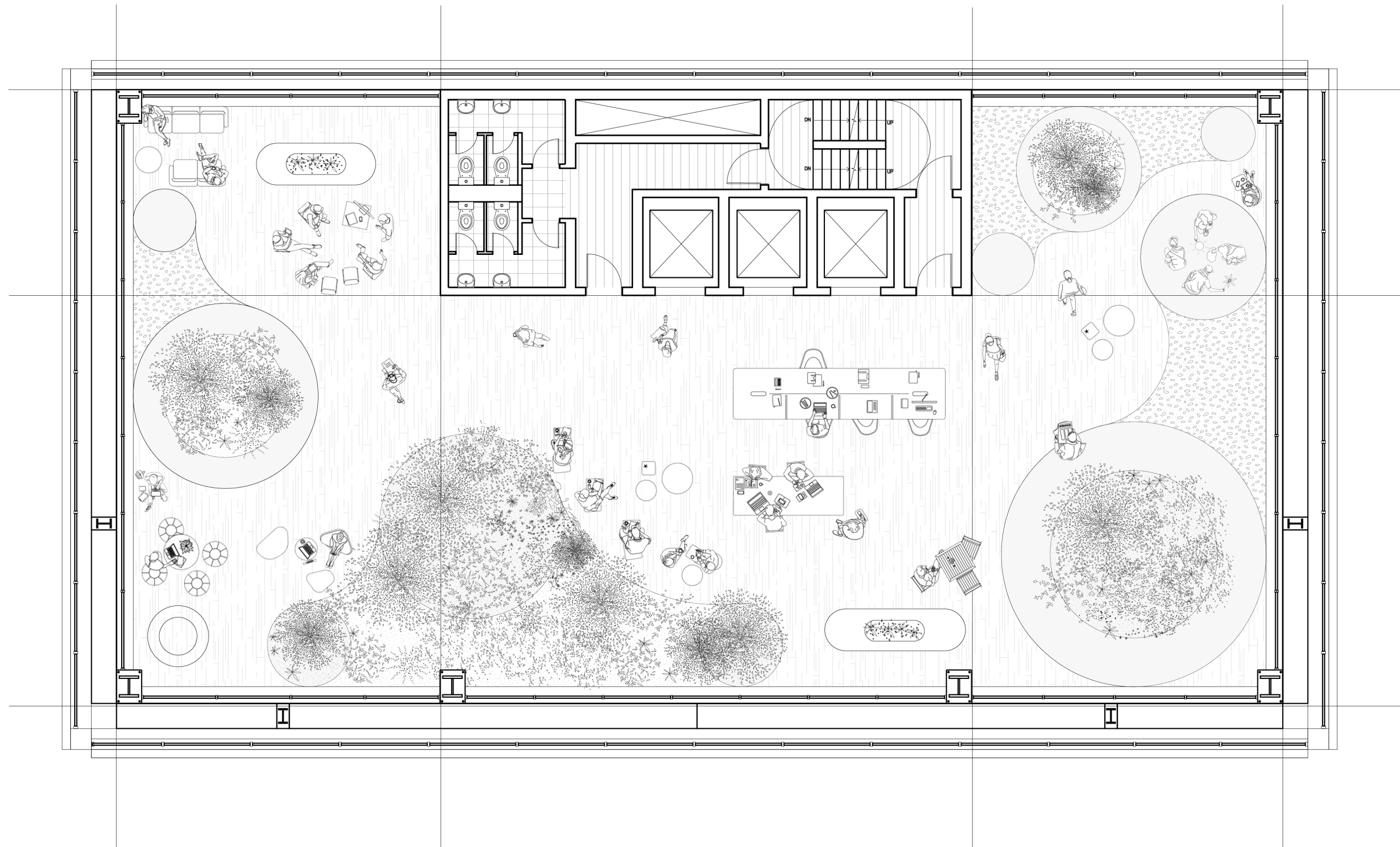
Learning Space

Creative Space



Floor Plan

Botanic Garden with Informal Learning Space









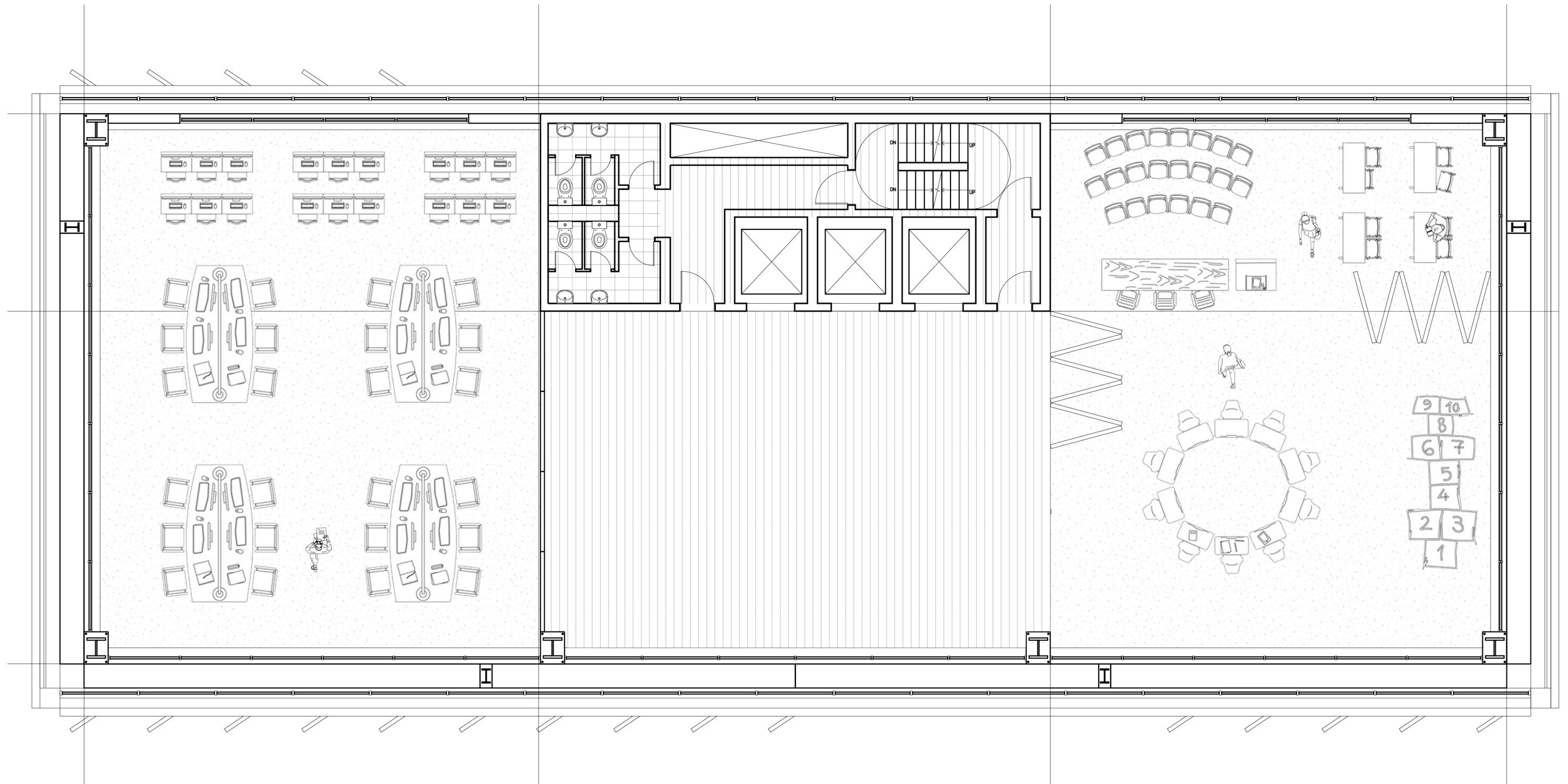
Learning Space

Focus Zone & Art Studio



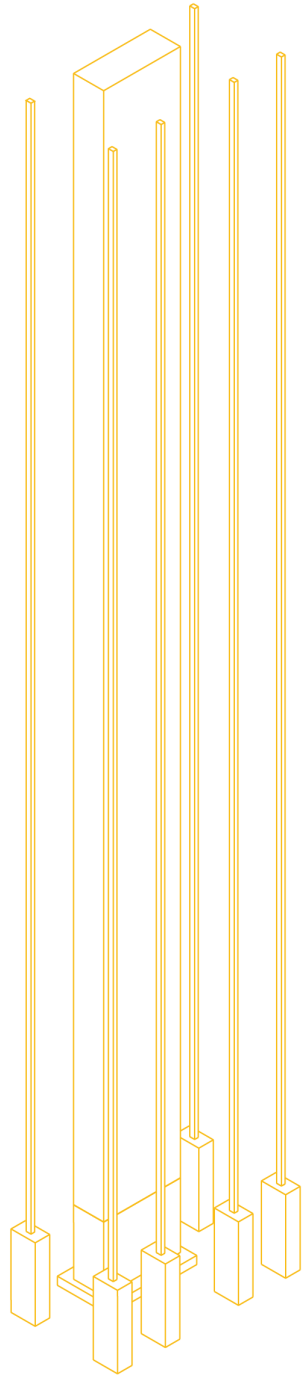
Floor Plan

Open floor plan with flexibility

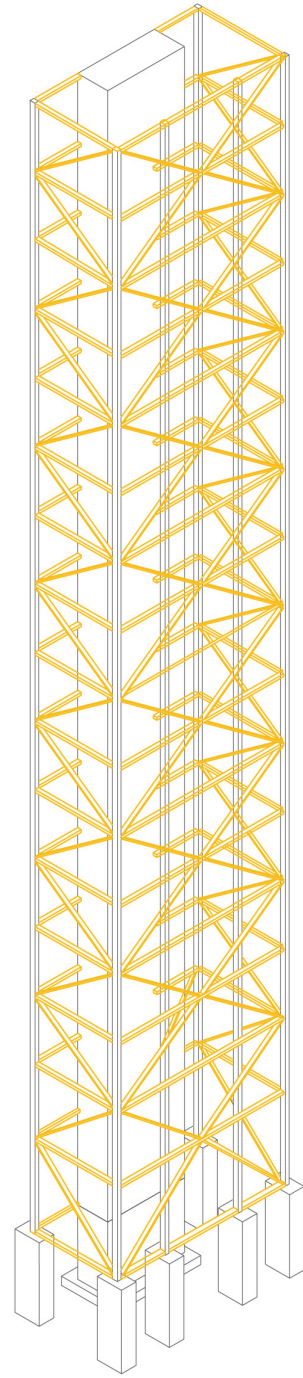


Structural Diagram

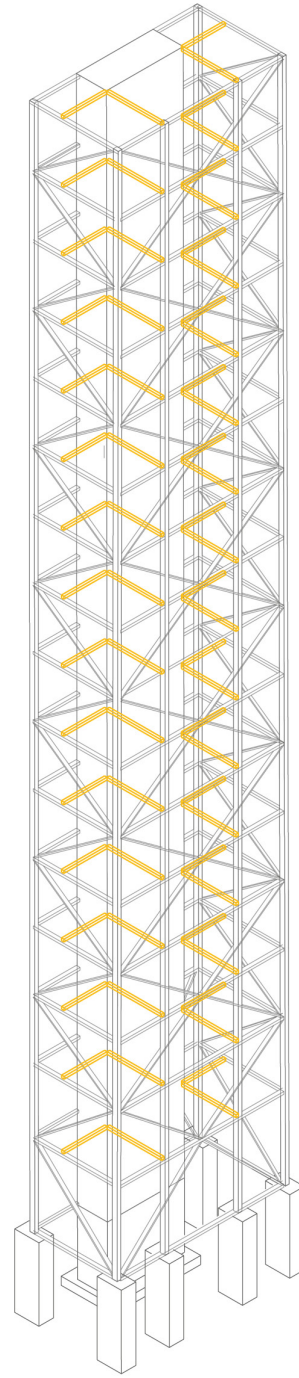
Construction Sequence



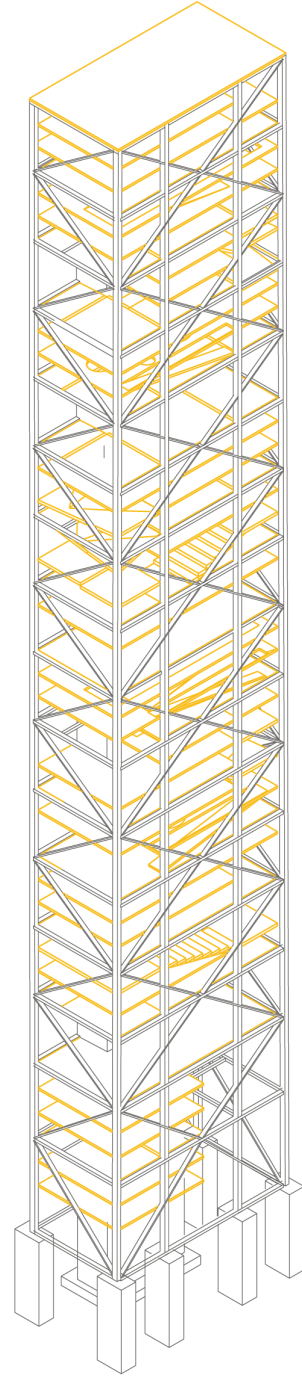
Column and Core



Bracing



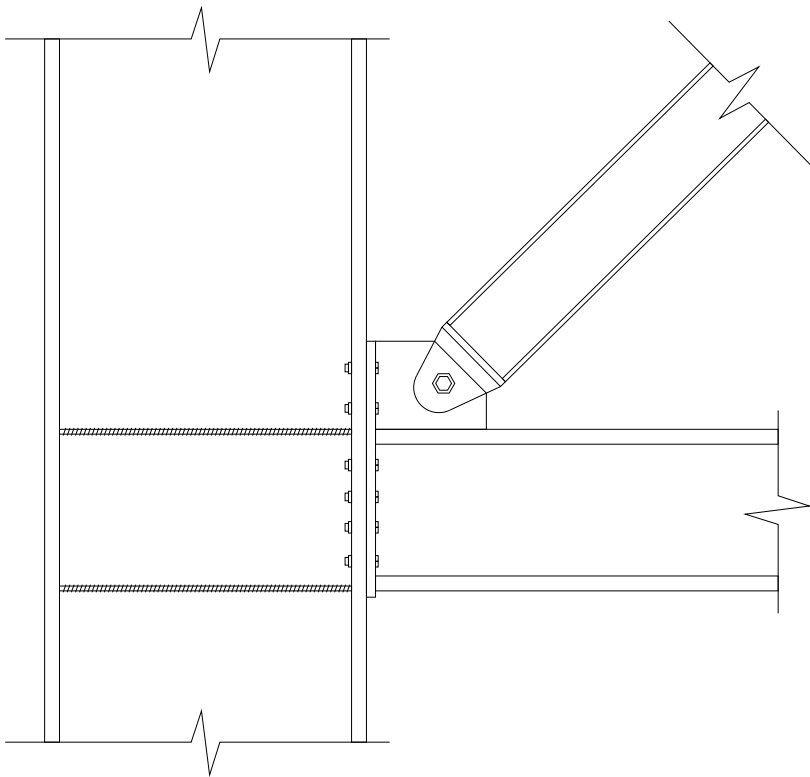
Beam



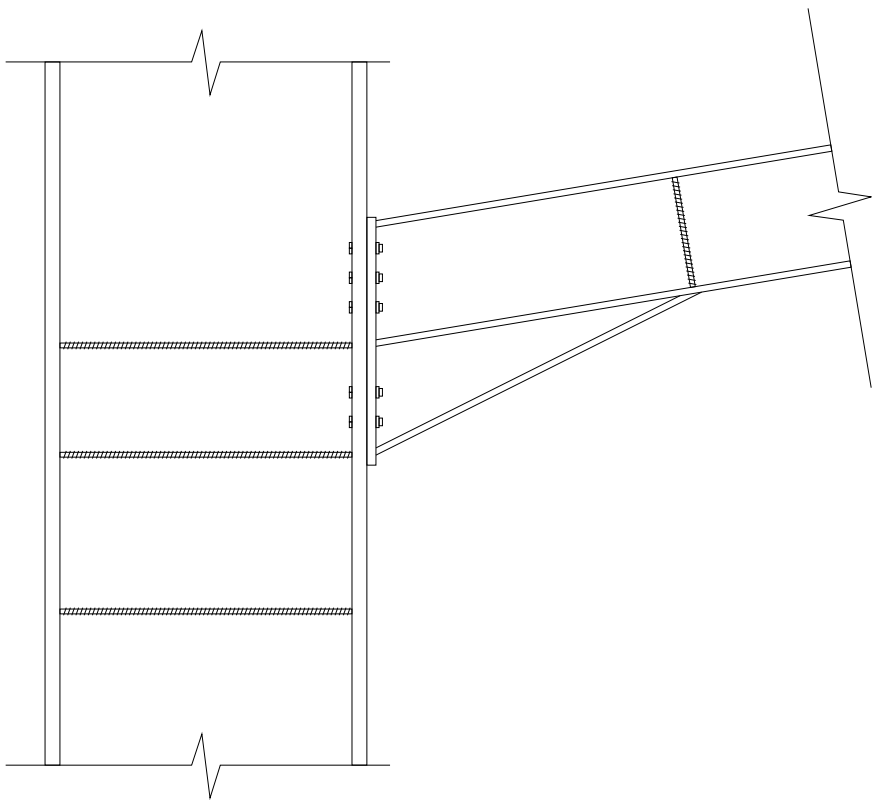
Floor

Connection Details

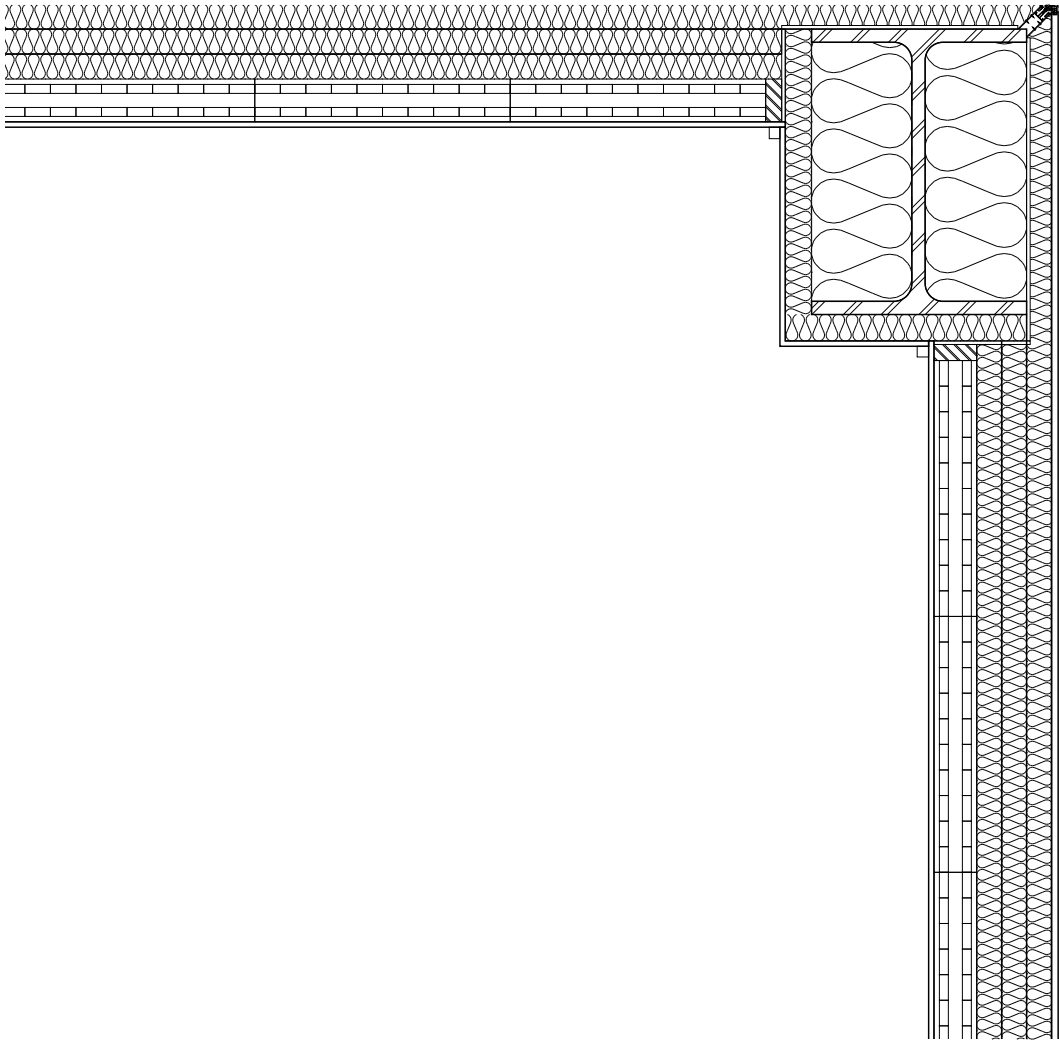
Bolted connections



Bracing connection



Inclined support connection

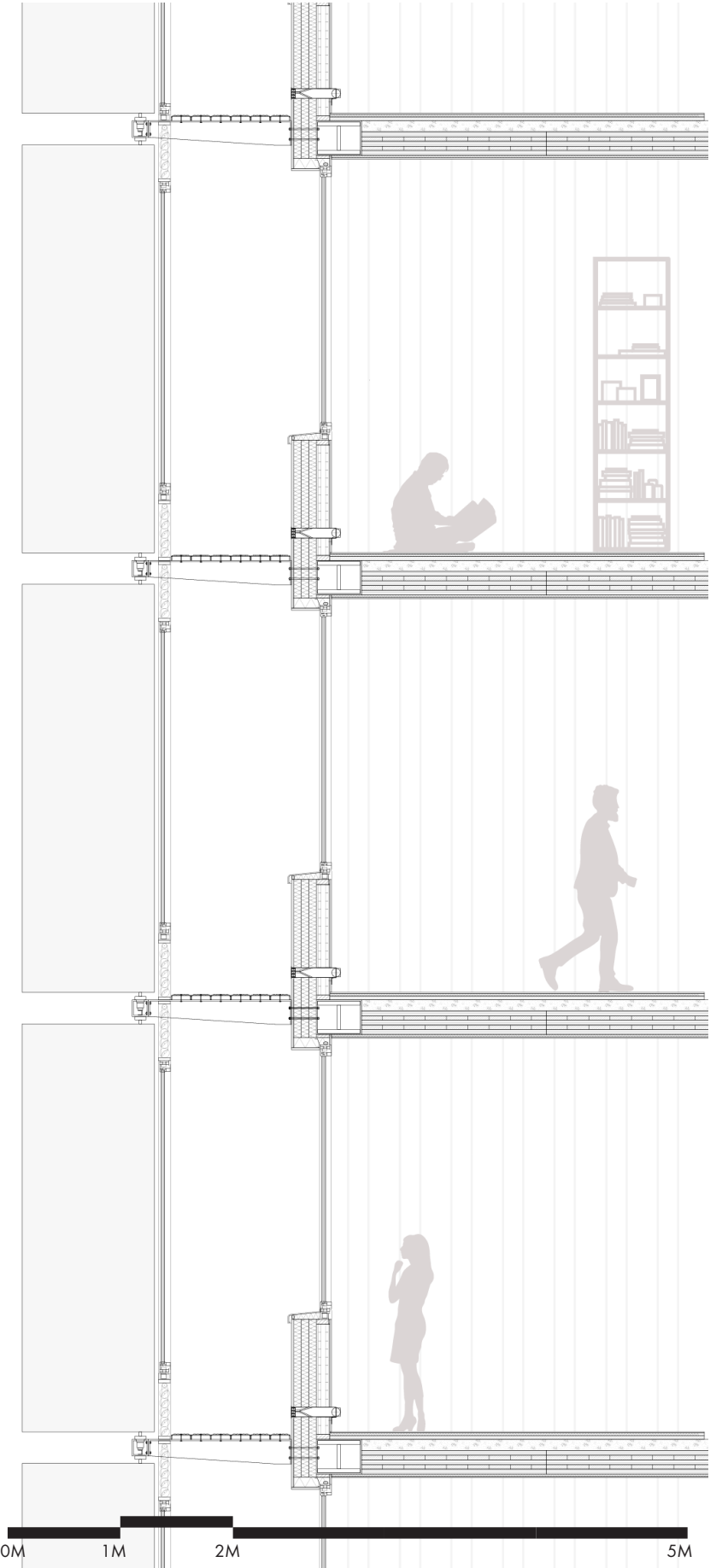
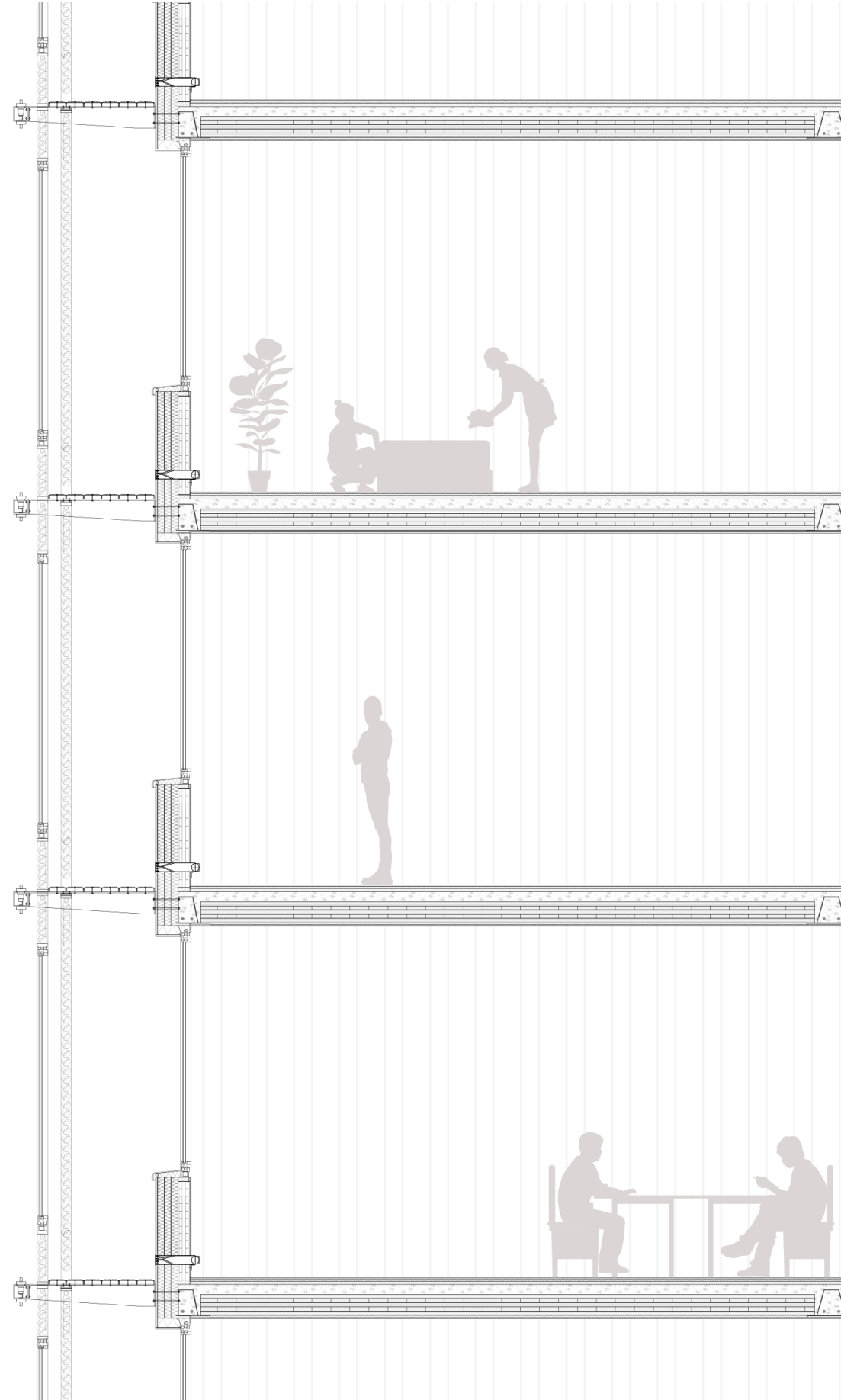


Corner connection



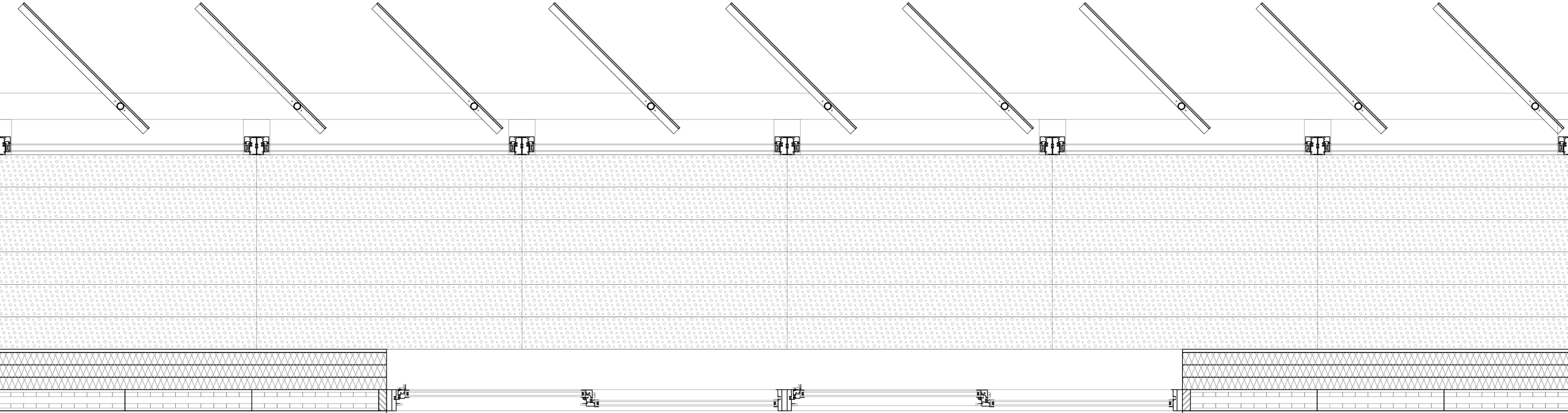
Facade Fragment

Perforated Metal Panel & Double Glazing



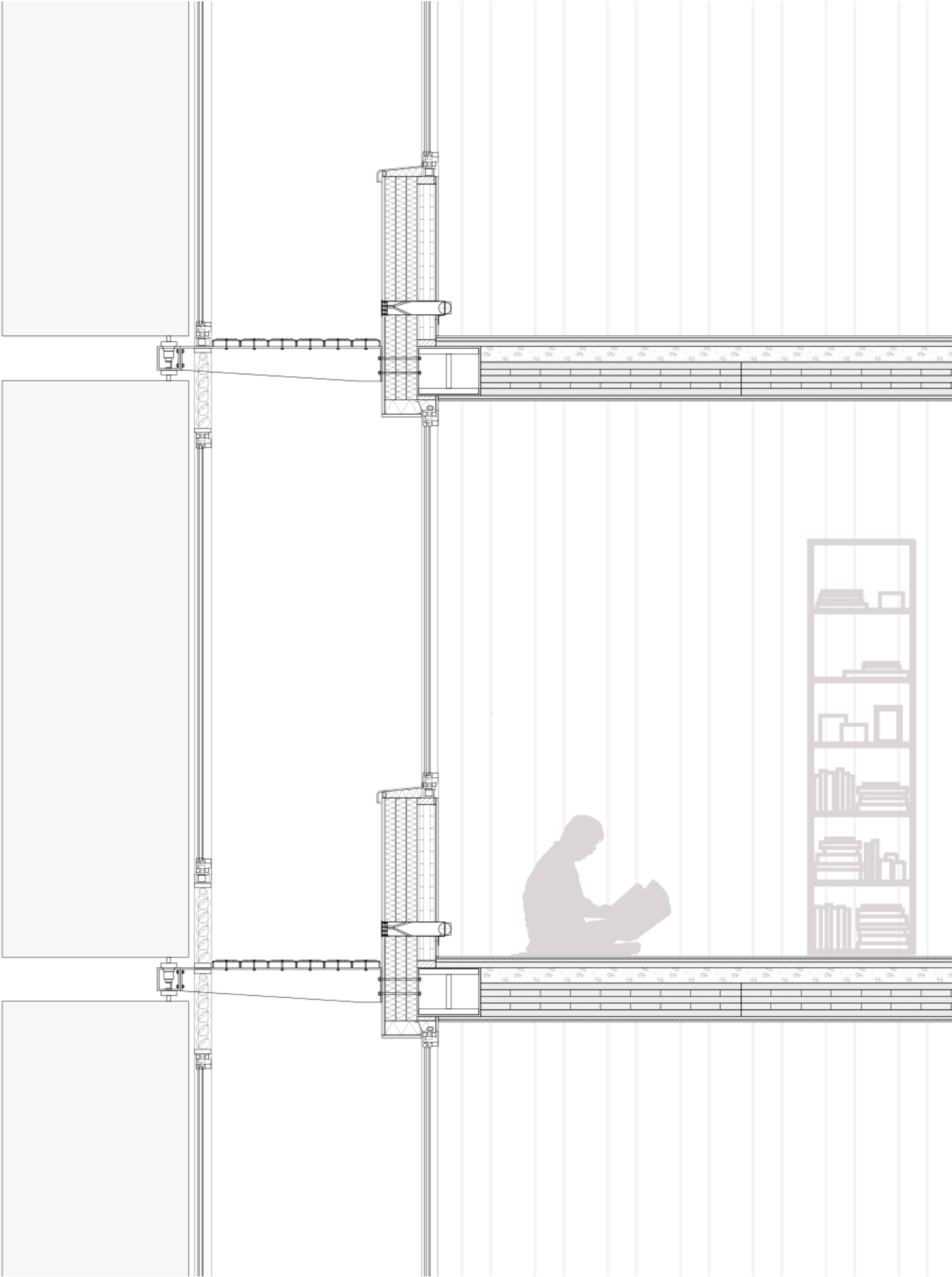
Horizontal Detail

Rotate-able perforated panel

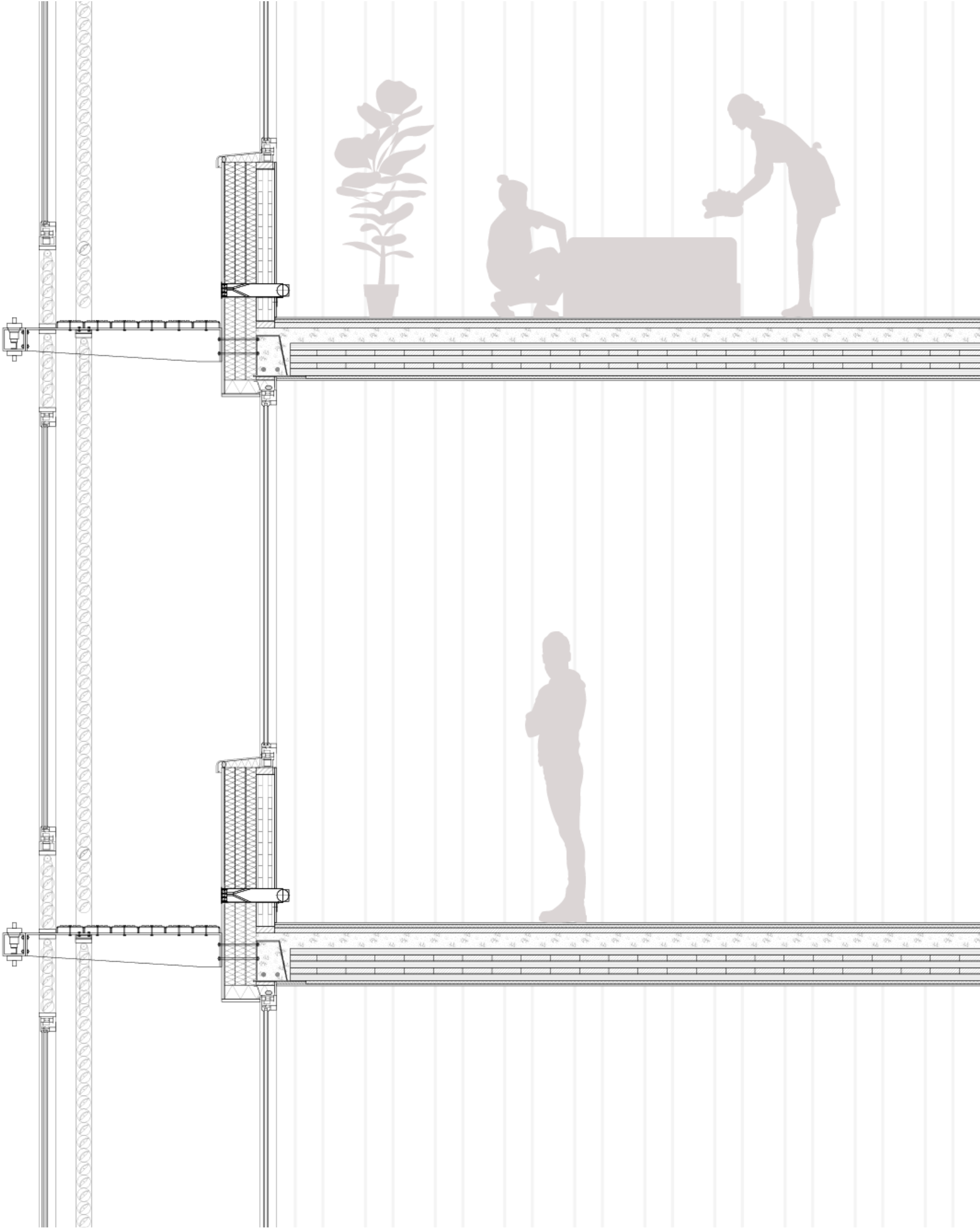


0M 1M 2M 5M

Sectional Detail

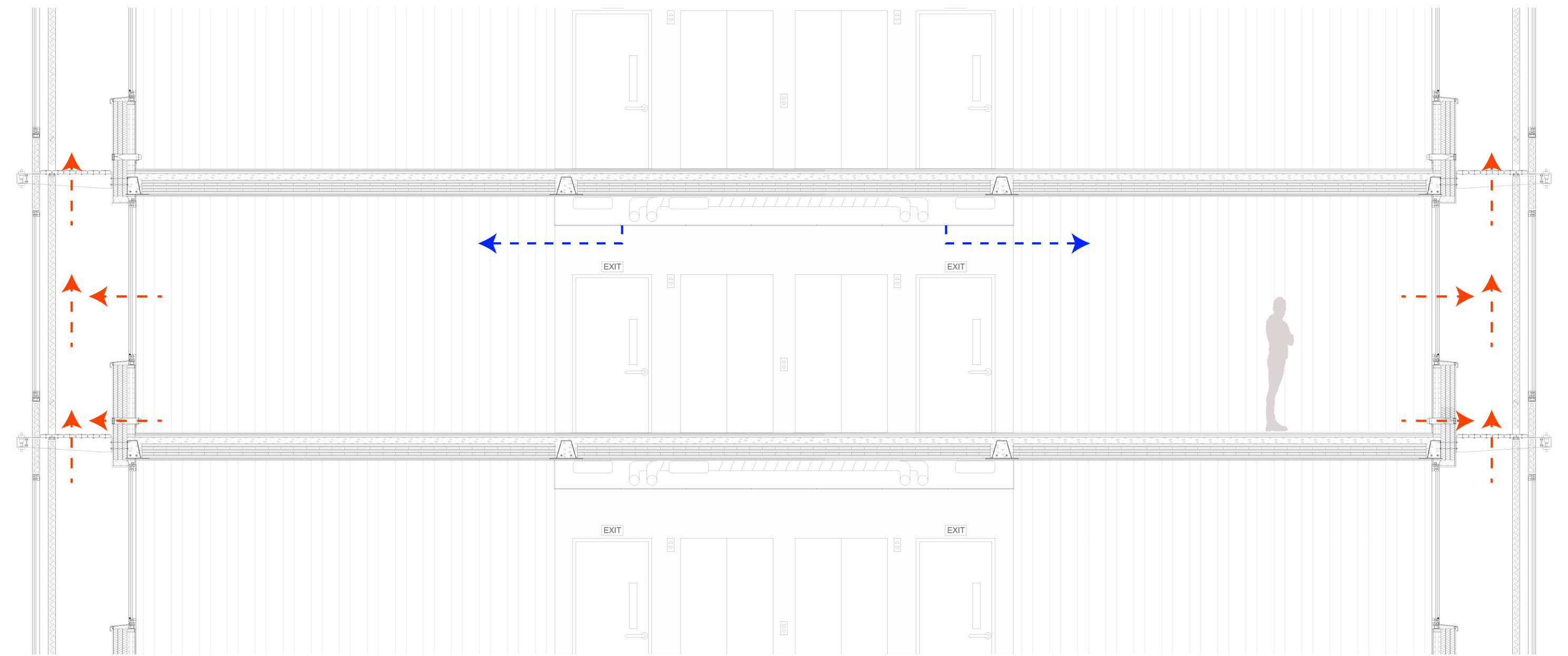


Sectional Detail



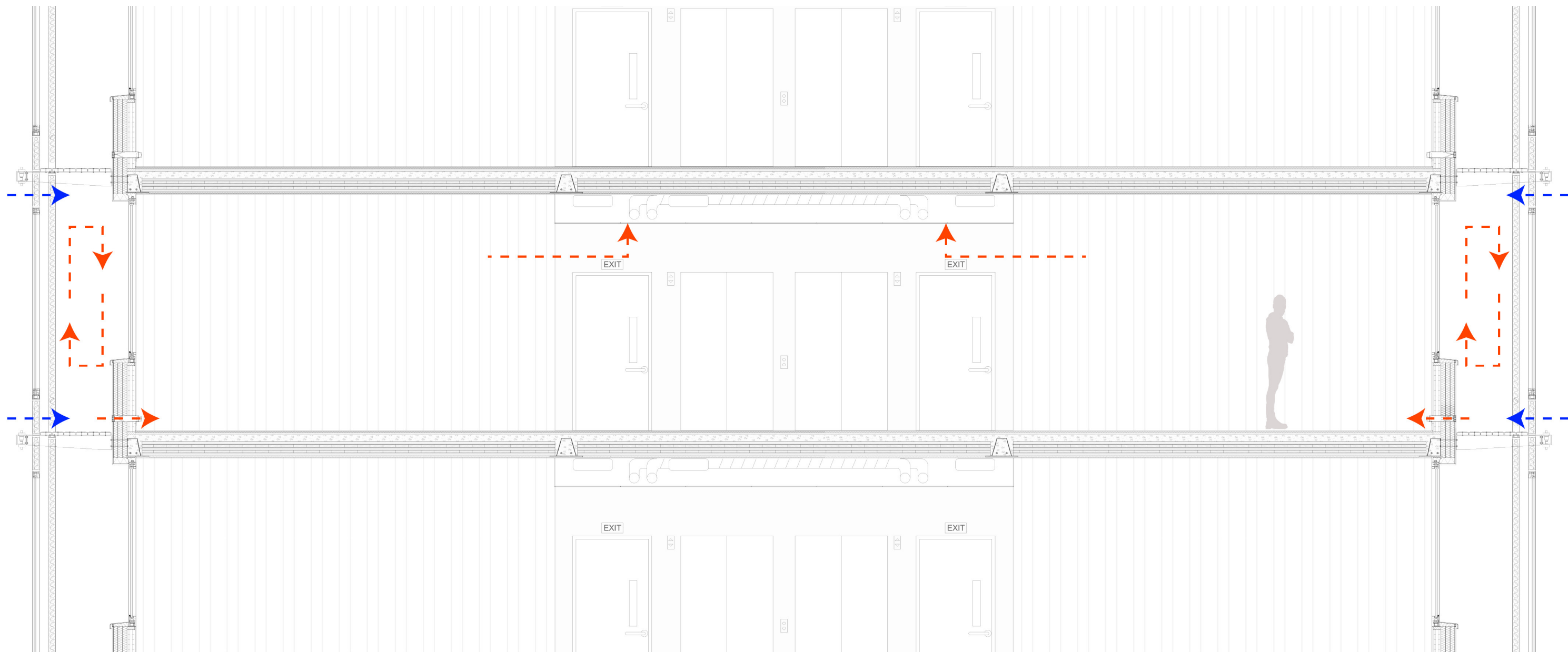
Double Facade

In Summer



Double Facade

In Winter



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