

STUDIO PUBLIC REALM- UTOPIA ANKARA

INNER CITY LOOP- STUDENT CENTER P5 PRESENTATION- JUNE 29

WENLI PAN

CONTENT

-Urban Situation

-Position

-Urban Strategy

Inner city loop

-Site

Site condition

Site reconfiguration

Site Plan

-Architectural Design

Concept

Composition

Program Distribution

-Structure and Materialization

-Building Performance

-Urban Situation

-Position

-Urban Strategy

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Site reconfiguration

Site Plan

-Architectural Design

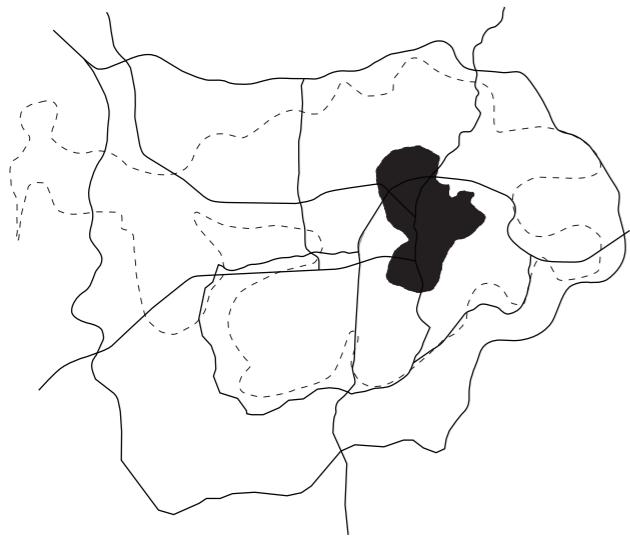
Concept

Composition

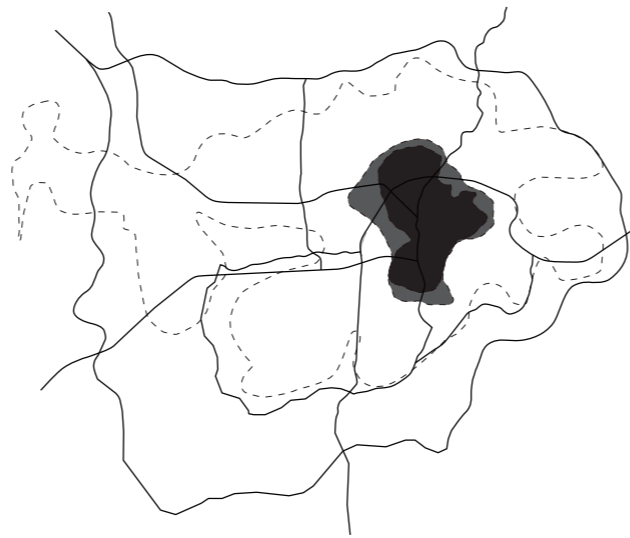
Program Distribution

-Structure and Materialization

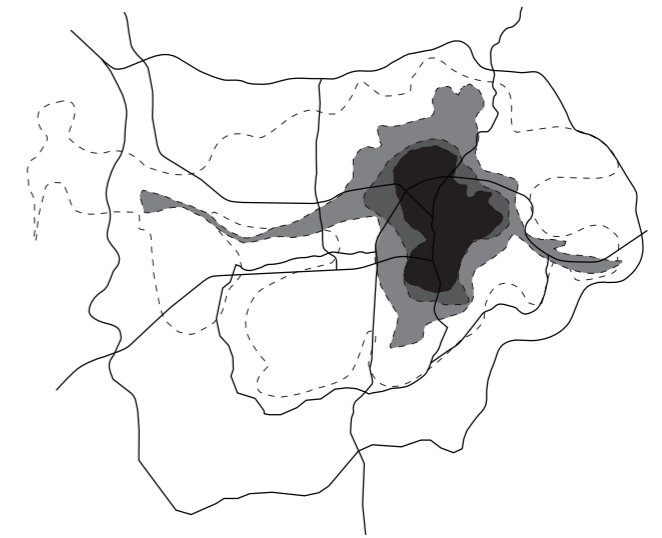
-Building Performance



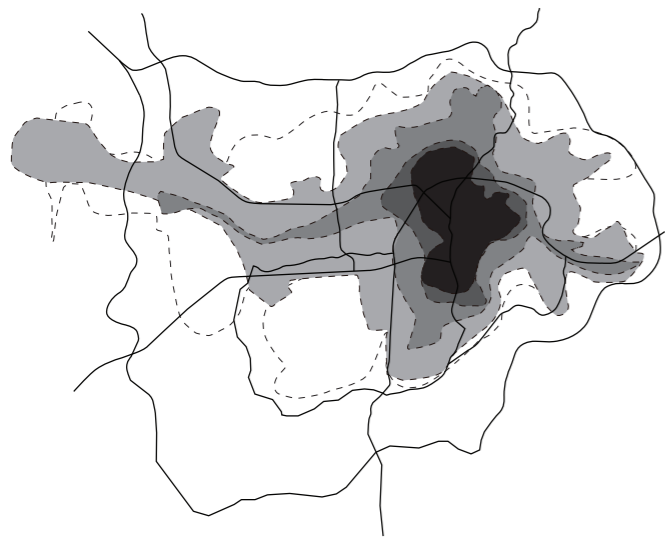
Lörcher Plan (1924)



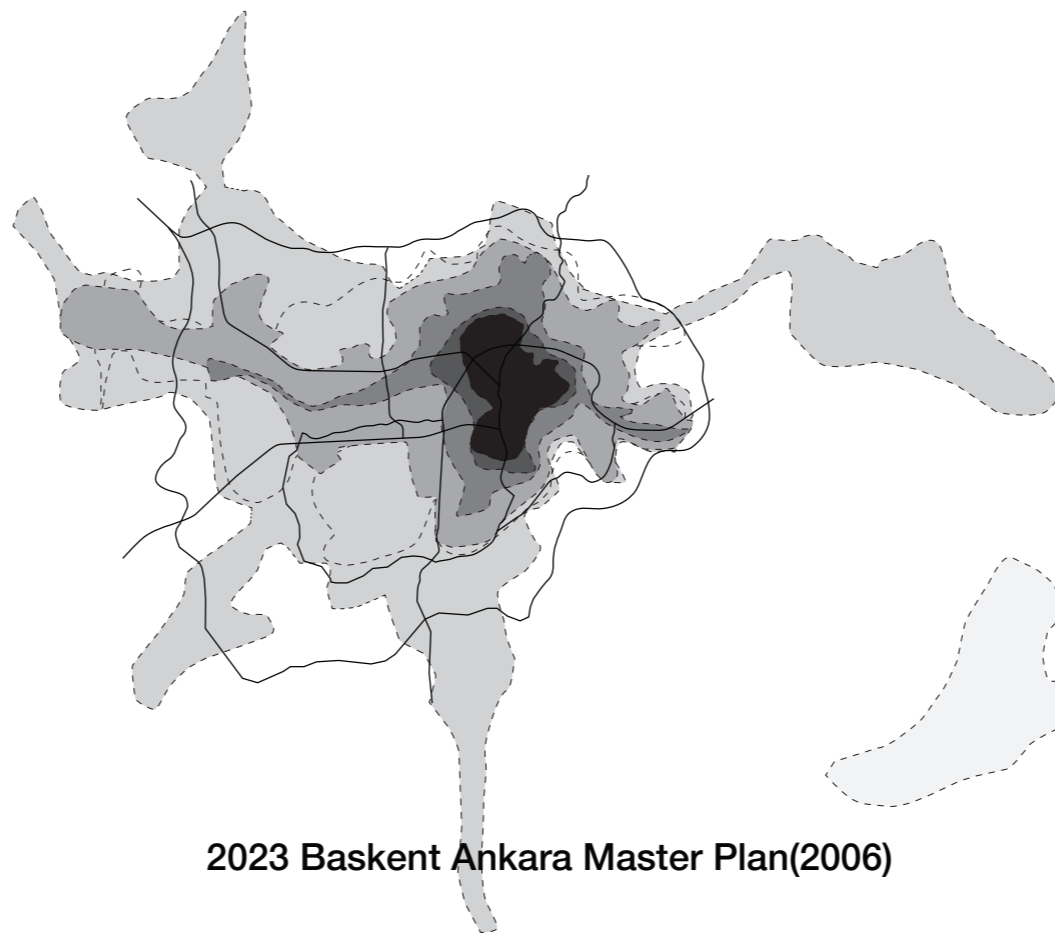
Jansen plan (1932)



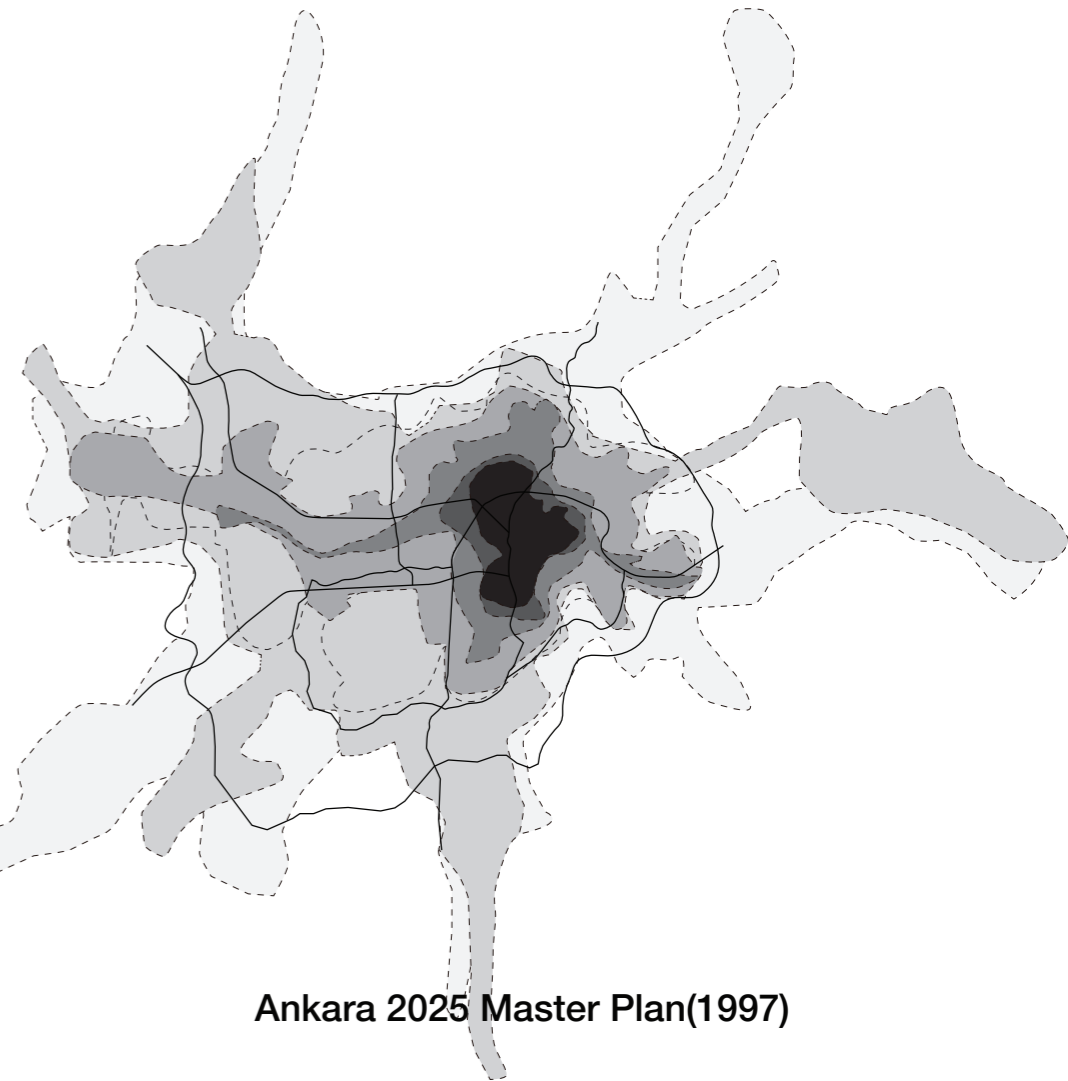
Ankara Master 1990 Master Plan(1975)



Ankara 2015 Structure Plan(1986)



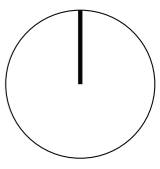
2023 Baskent Ankara Master Plan(2006)



Ankara 2025 Master Plan(1997)



0 1000m 2000m



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UTOPIA GOAL

CONTROL THE URBAN SPRAWL

PROVIDE EASY ACCESS TO THE FRAGMENTED CITY

-Urban Situation

-Position

-Urban Strategy

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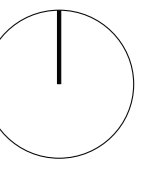
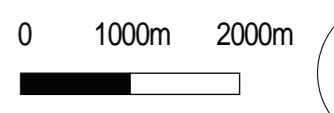
Concept

Composition

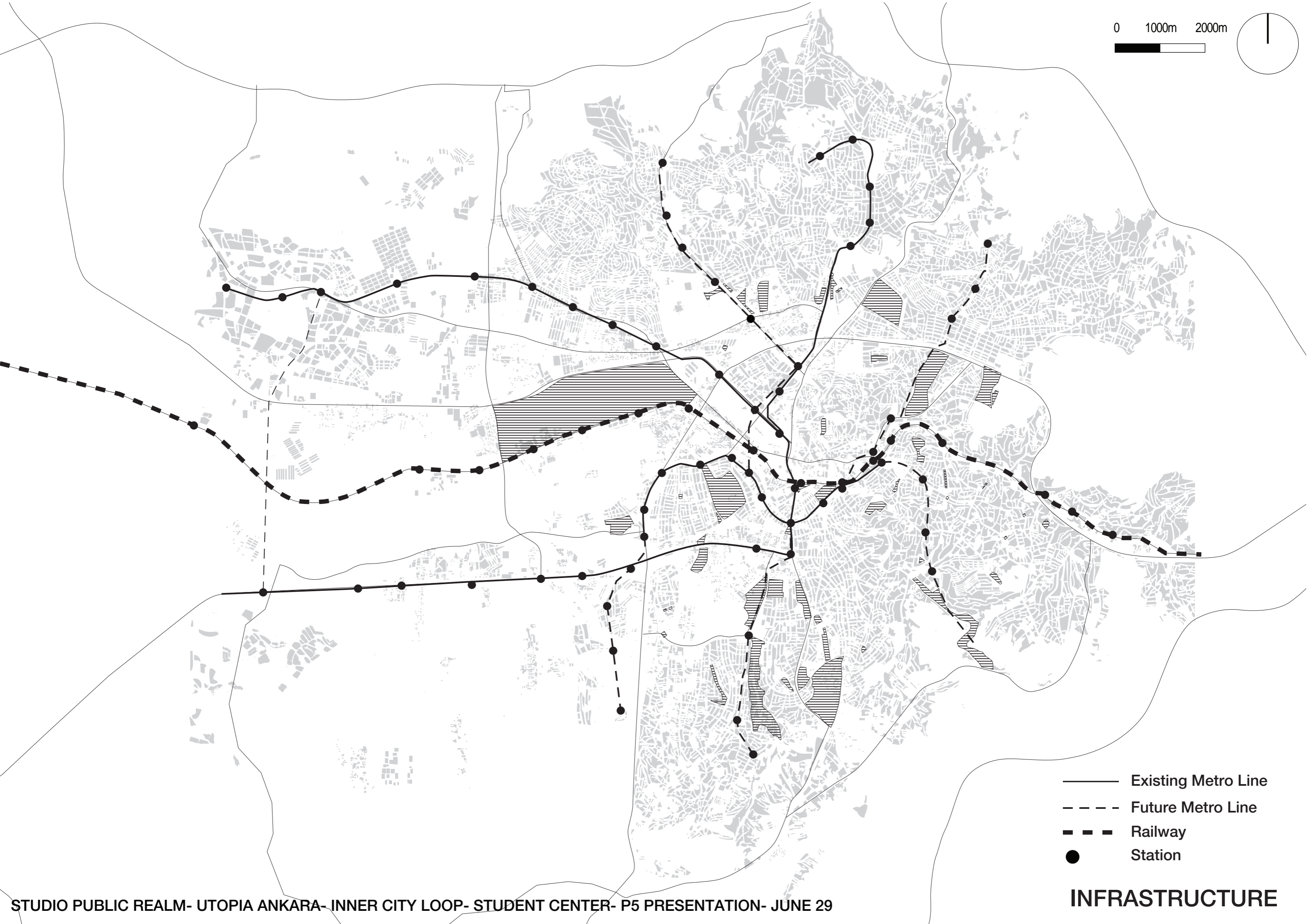
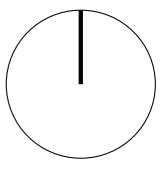
Program Distribution

-Structure and Materialization

-Building Performance

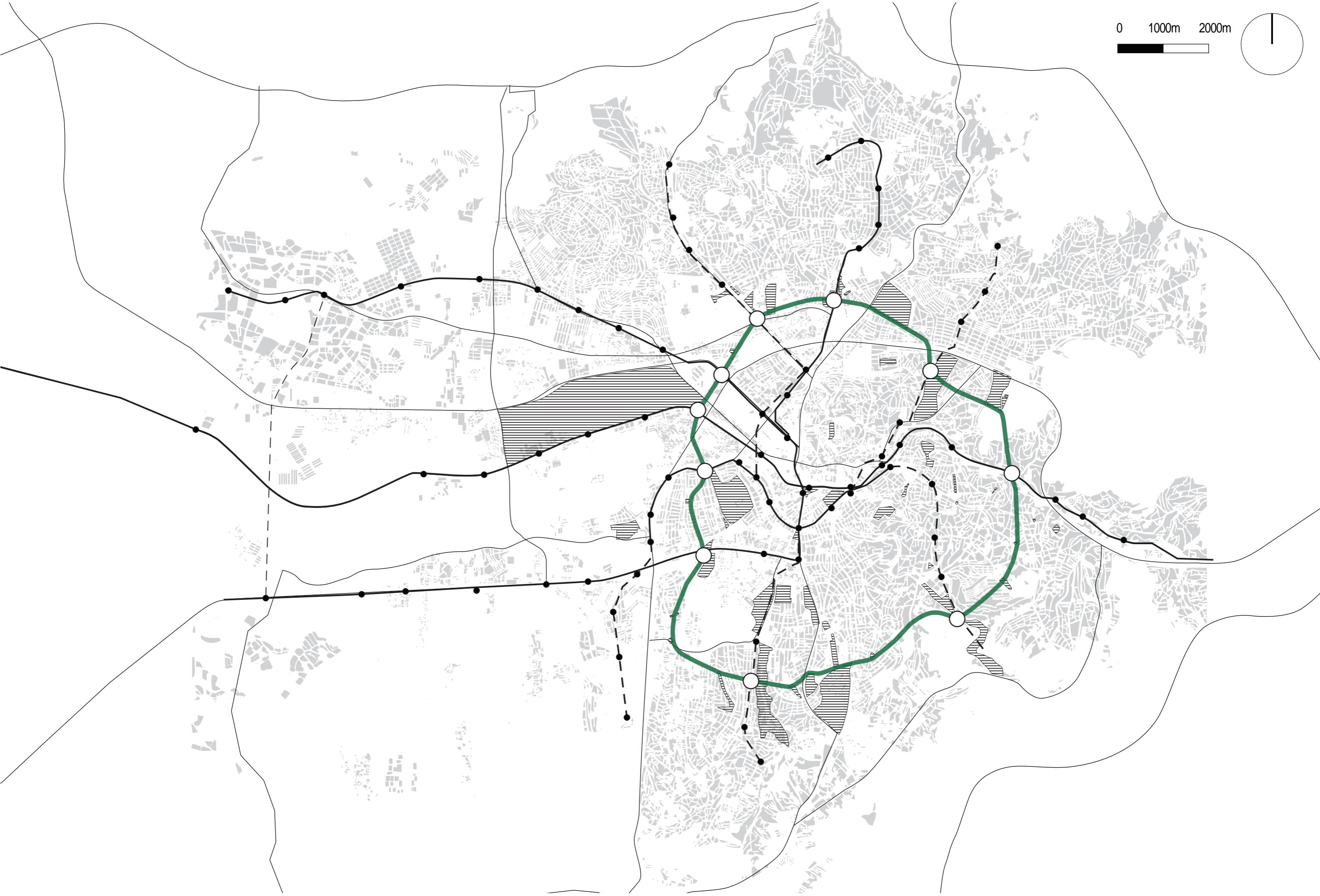
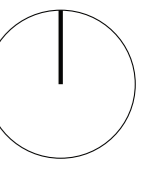
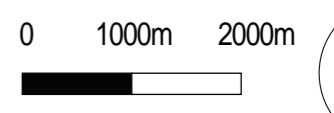


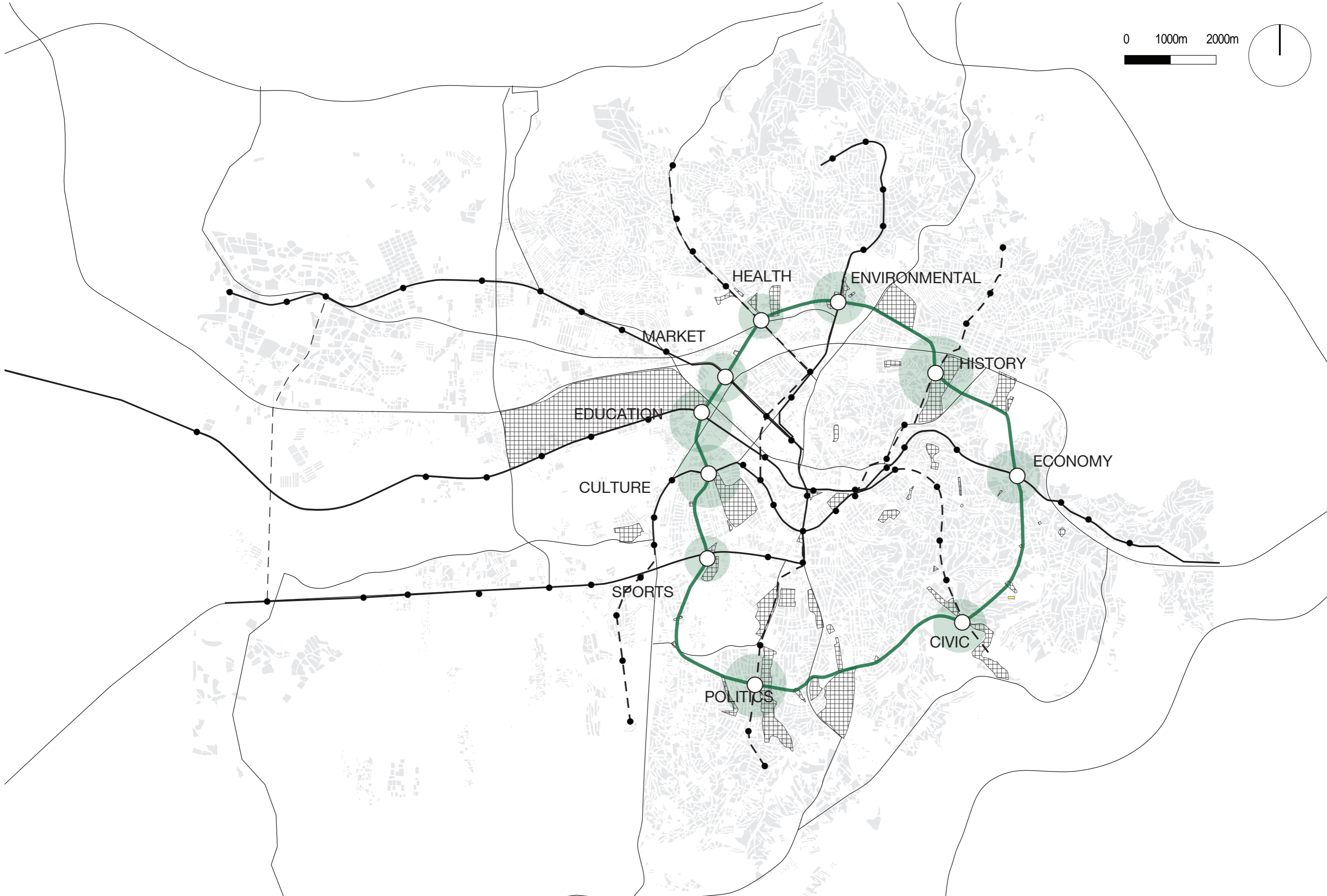
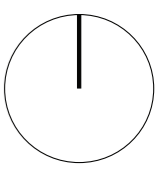
0 1000m 2000m

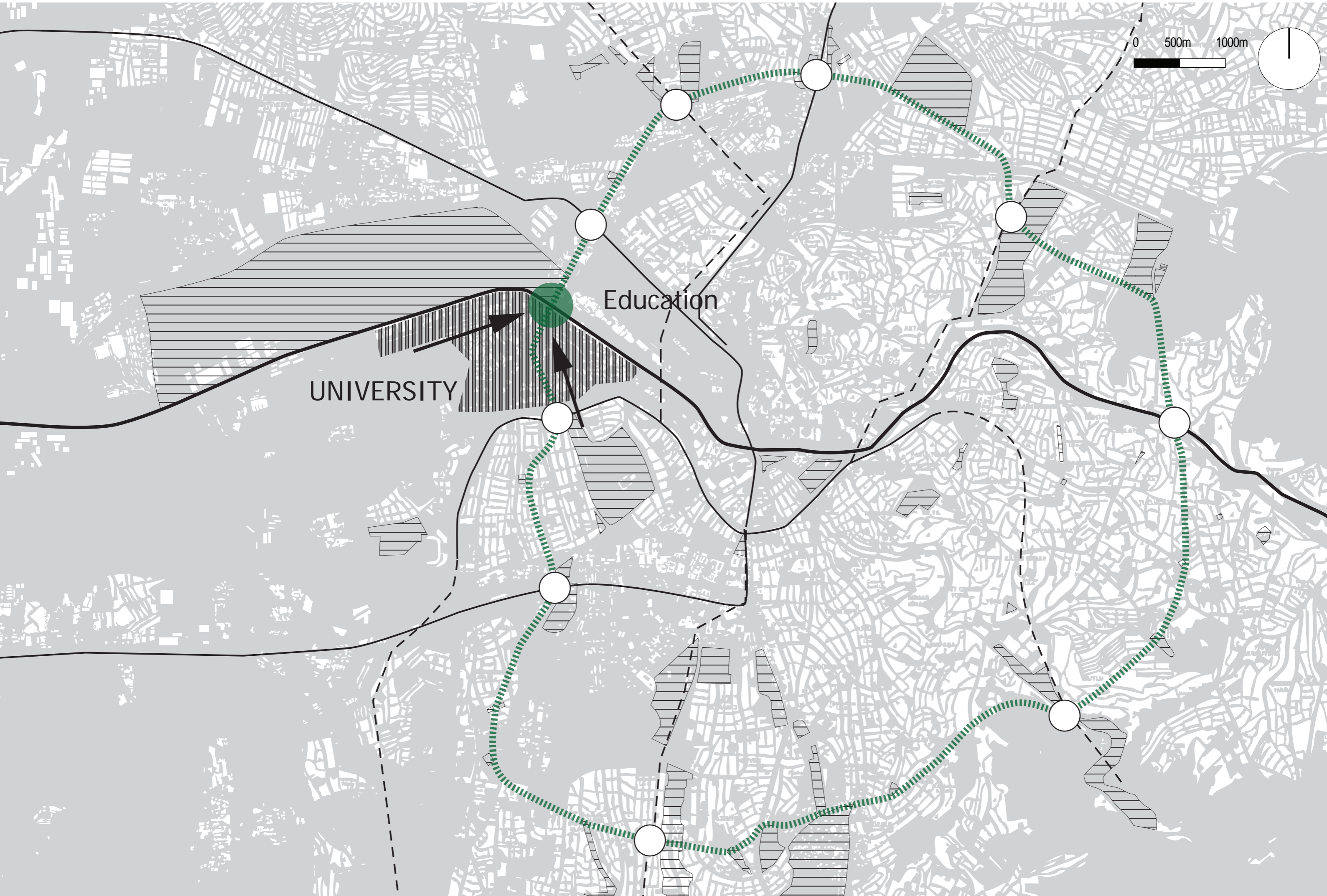


- Existing Metro Line
- - - Future Metro Line
- - - Railway
- Station

INFRASTRUCTURE







-Urban Situation

-Position

-Urban Strategy

Inner city loop

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Site reconfiguration

Building Position

-Architectural Design

Programmatic

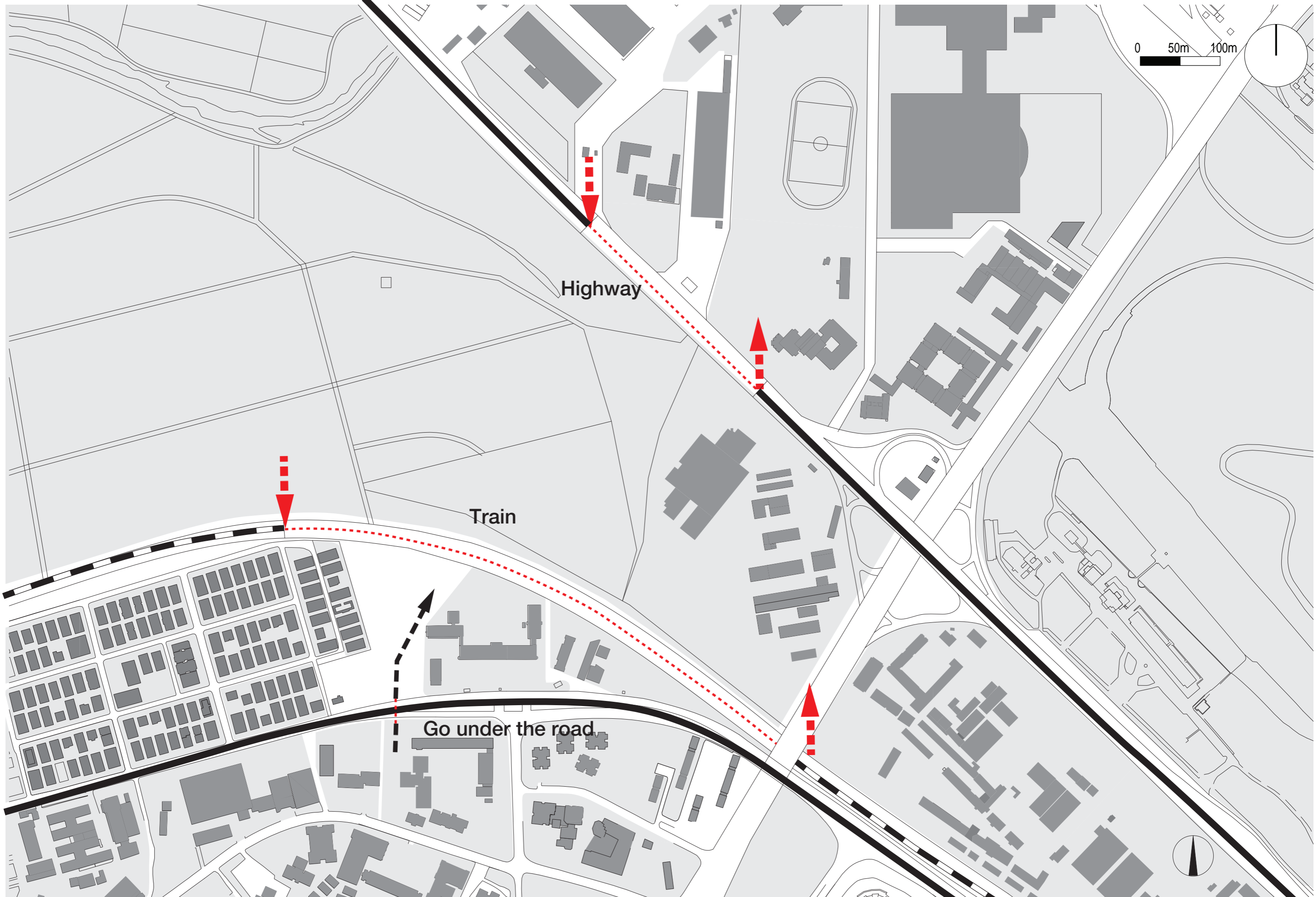
Concept

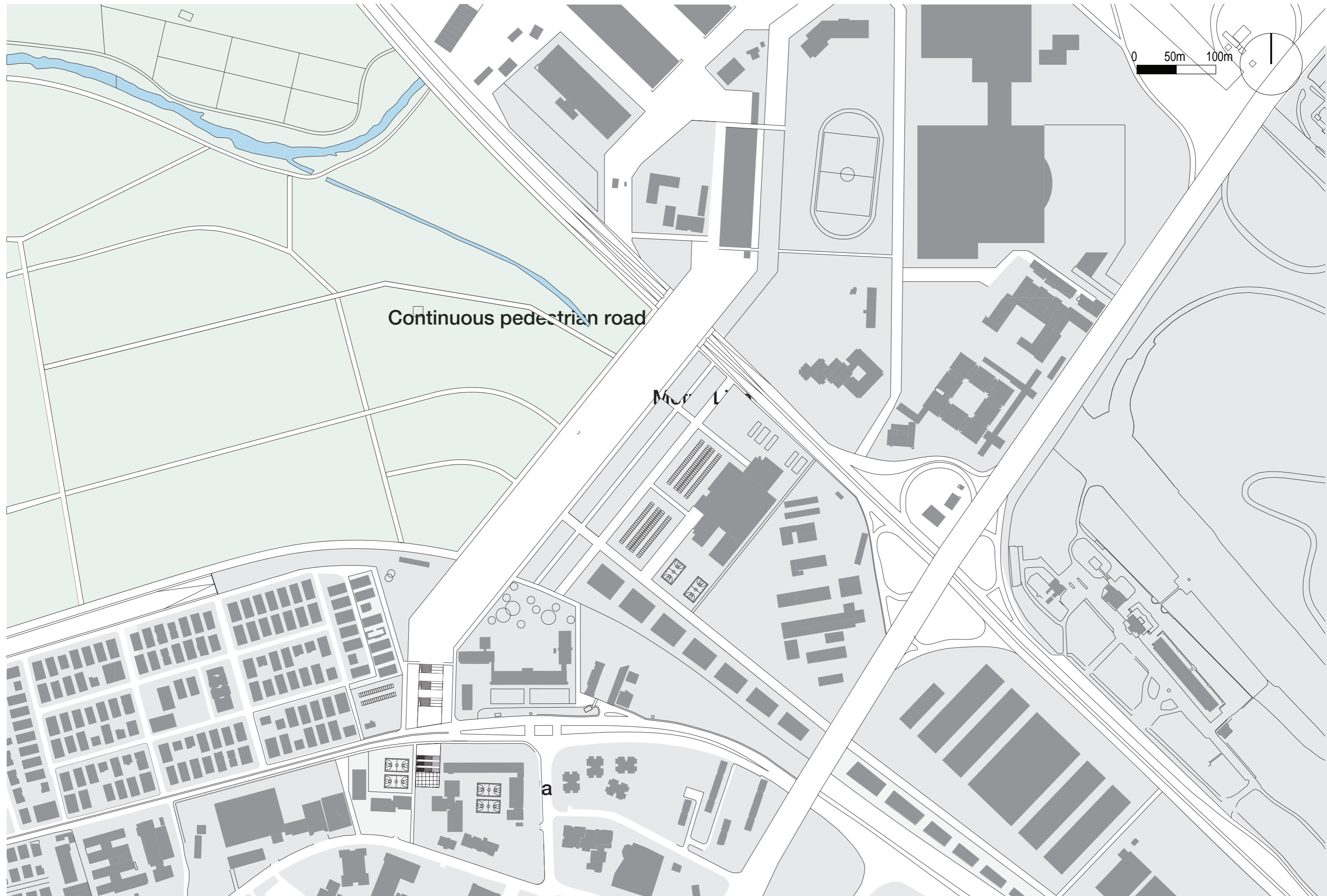
Composition

-Structure and Materialization

-Building Performance



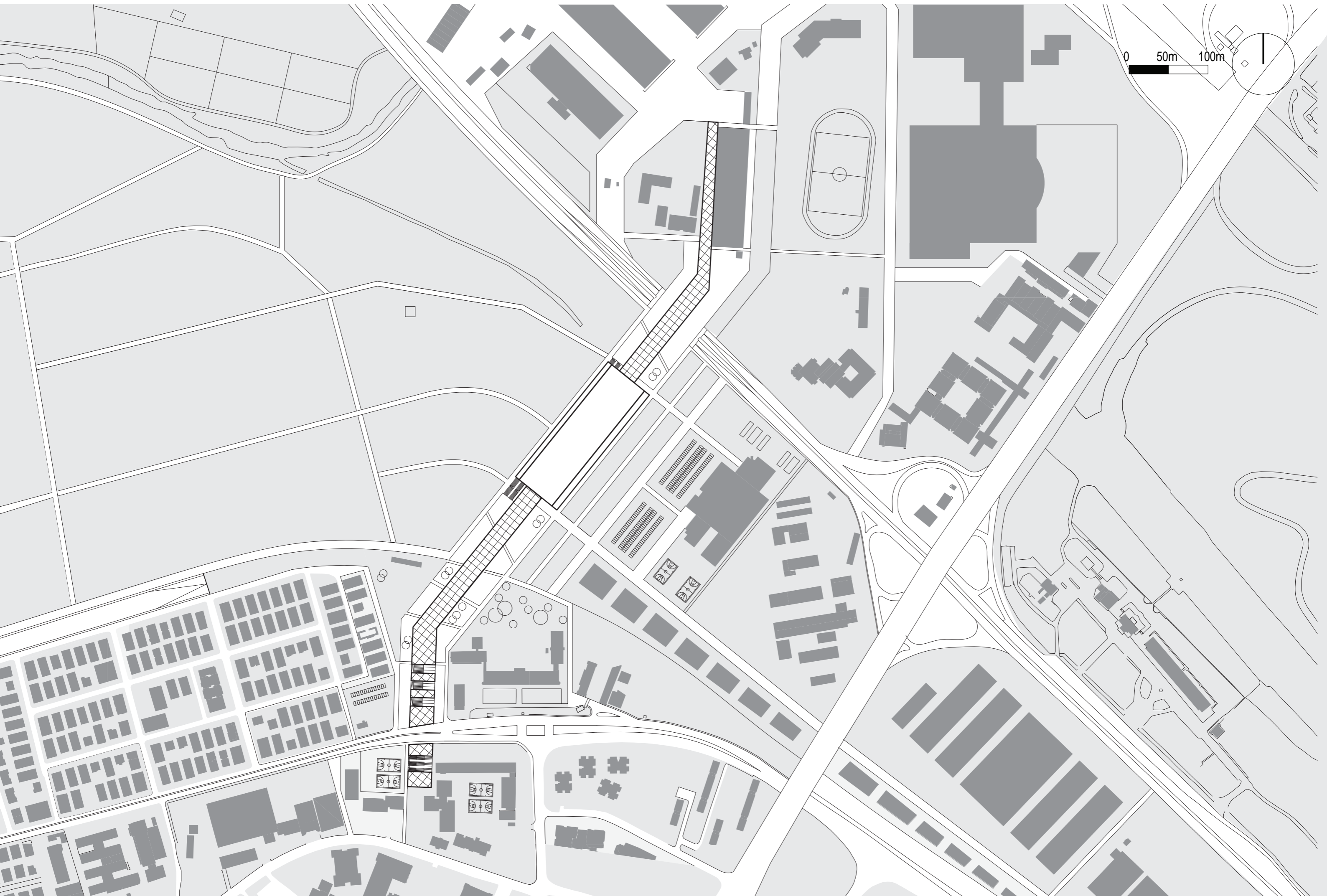




Continuous pedestrian road

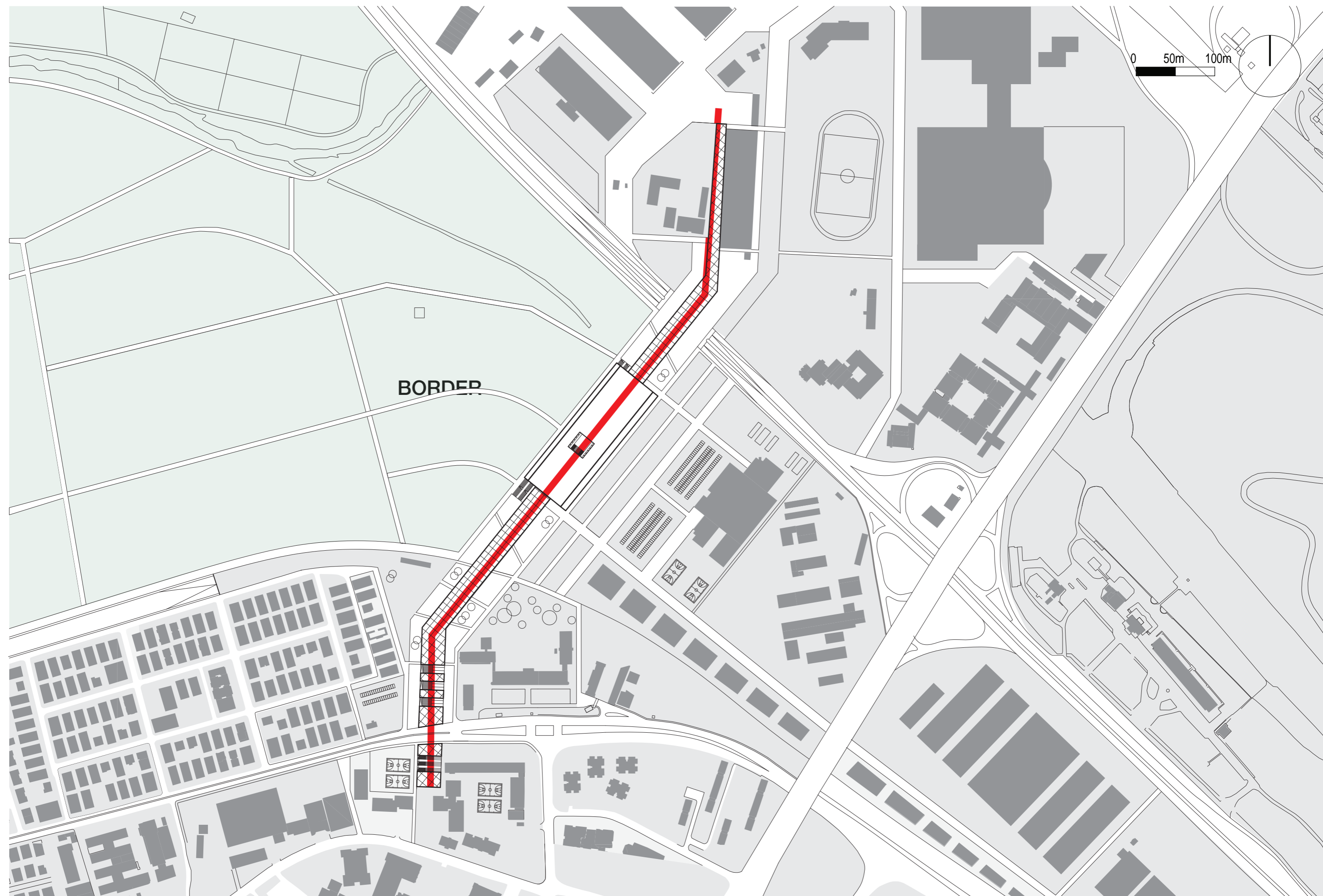
Metrolin

a



0 50m 100m

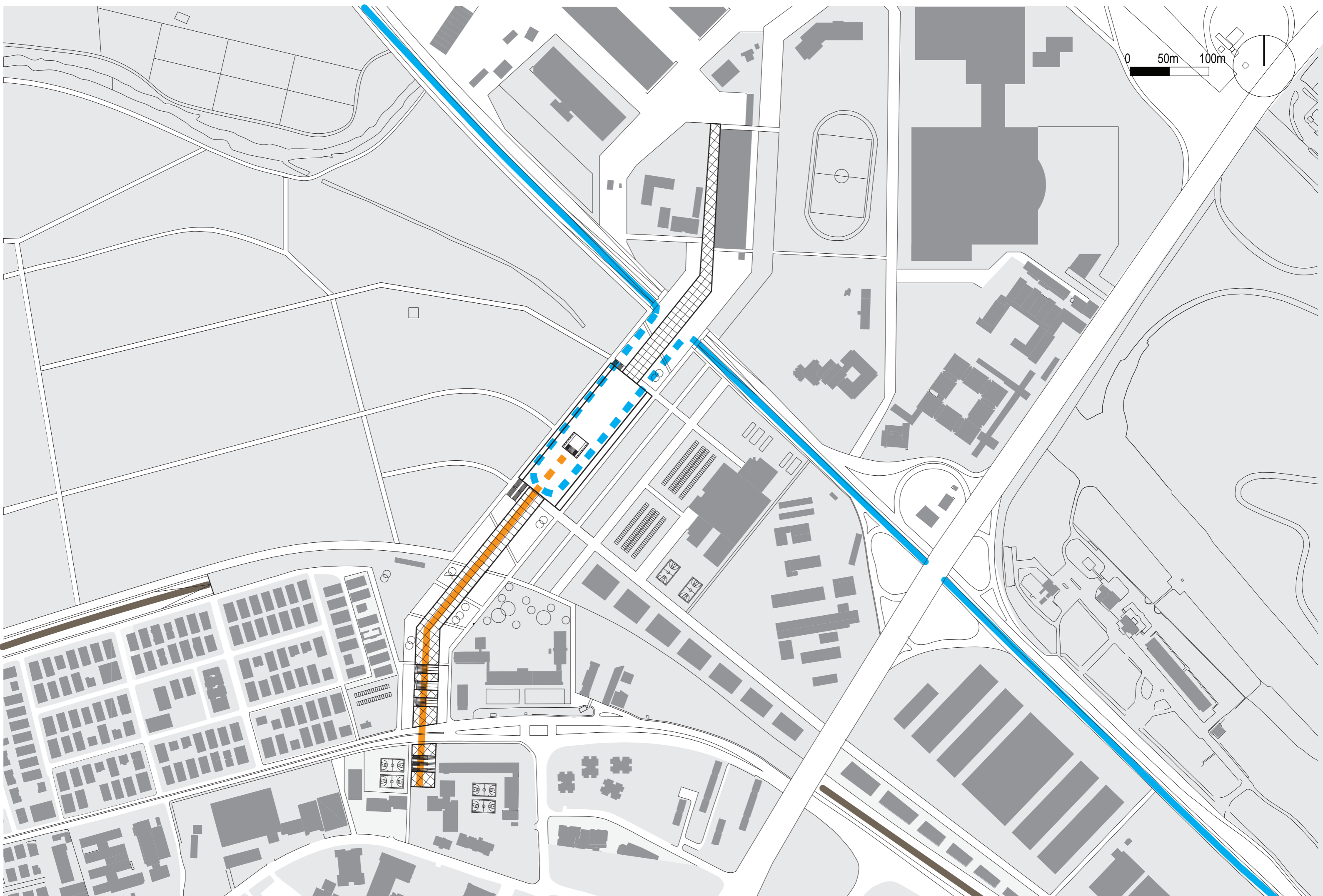




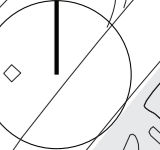


0 50m 100m





0 50m 100m



-Urban Situation

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STUDENT LIFE

WORKING AND LIVING



Group work Lecture Student Organization Reading Seminar Individual study

RELAXATION AND MEETING



Sports Culture Hangout Eating Shopping Meeting and Event

STUDENT LIFE

WORKING AND LIVING

RELAXATION AND MEETING

Largest space

Smaller space

Smallest space

Largest space

Smaller space

Smallest space

Lecture Hall

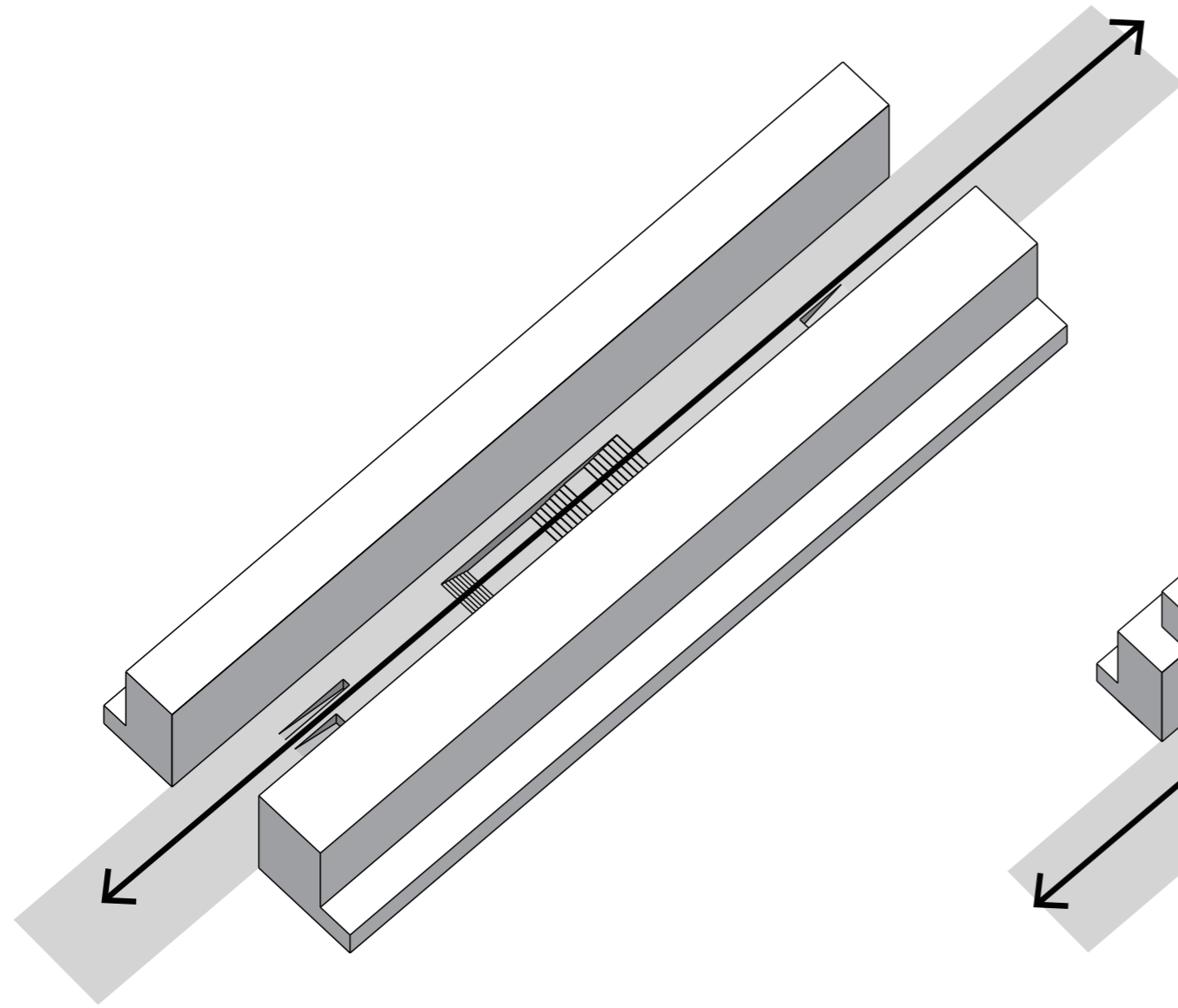
Different
Lounging area

Seminar room
Student Organization
Group working
Personal studio
Hotel

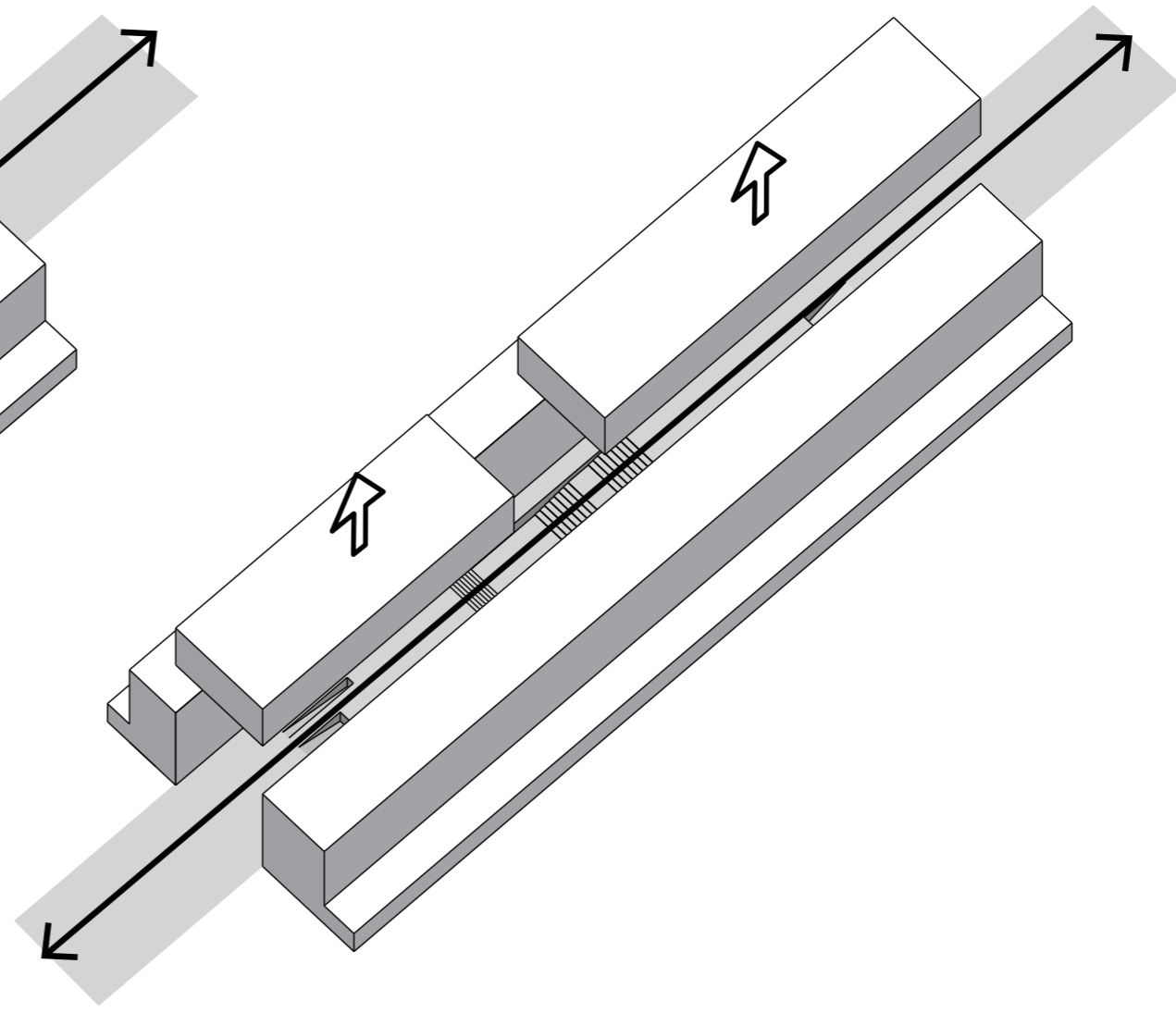
Basketball court
Swimming Pool

Cheap Market
Bookstore
Foodcourt
Gamerom

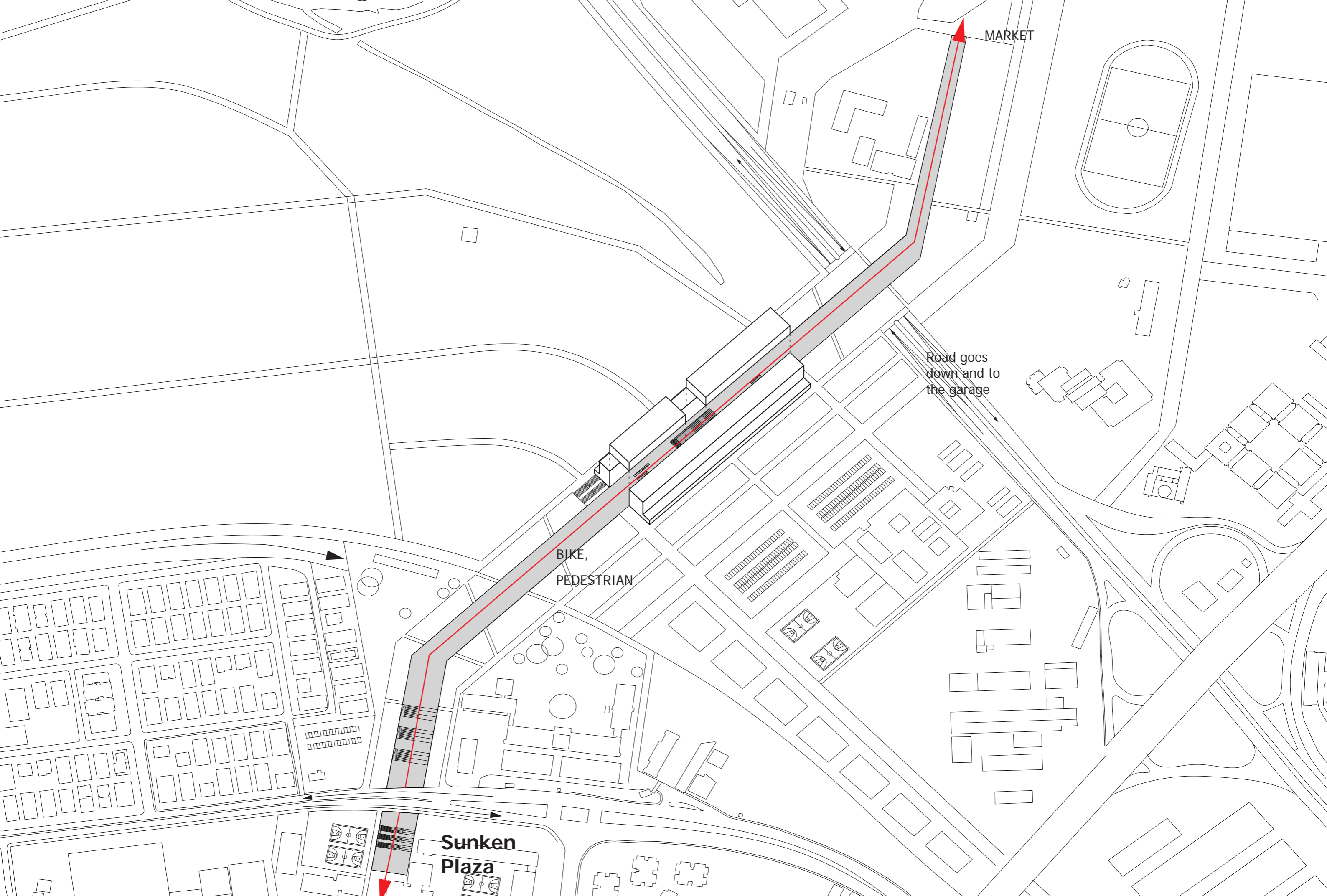
Different cultural studio
Meeting room
Salon

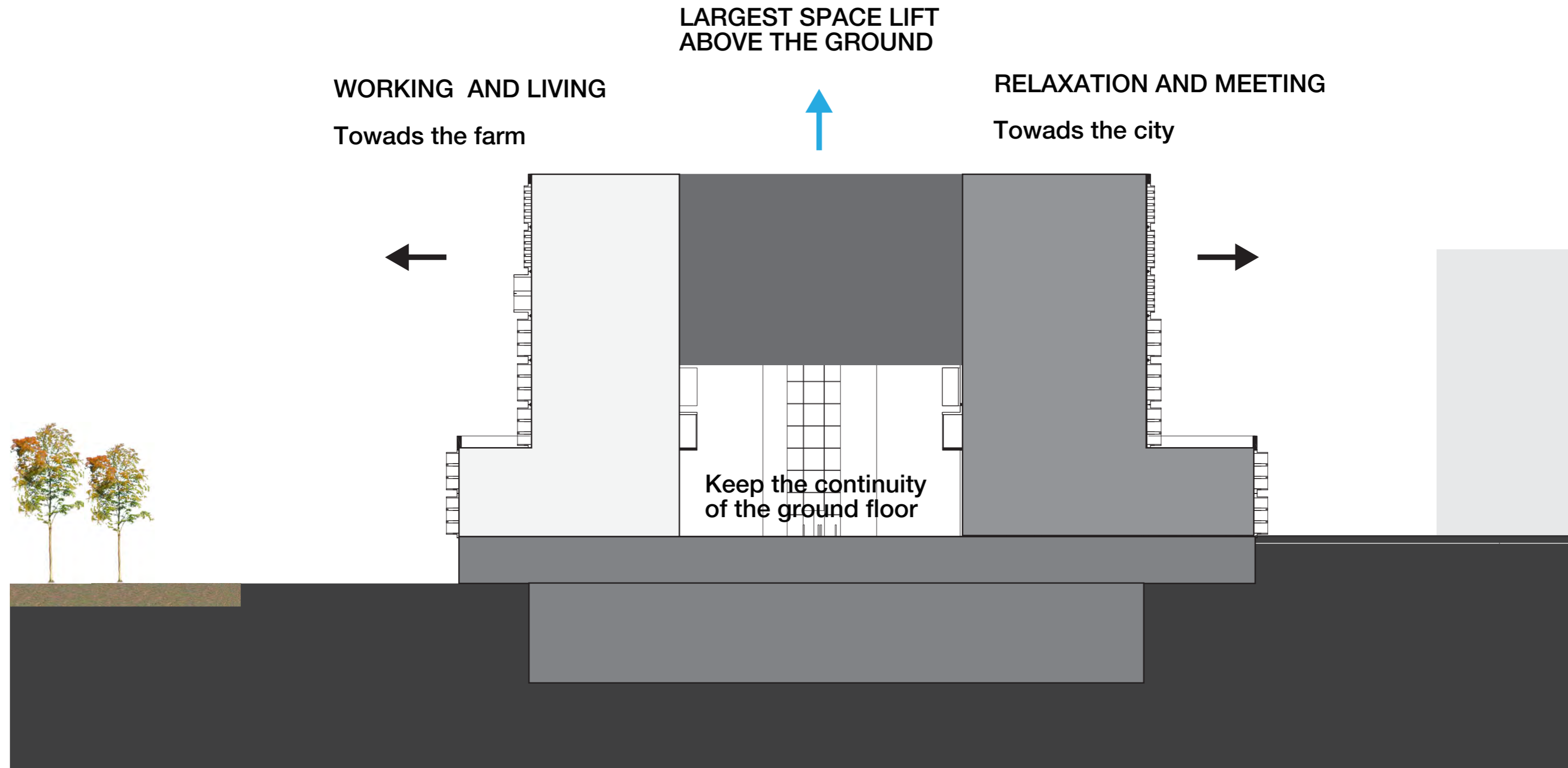


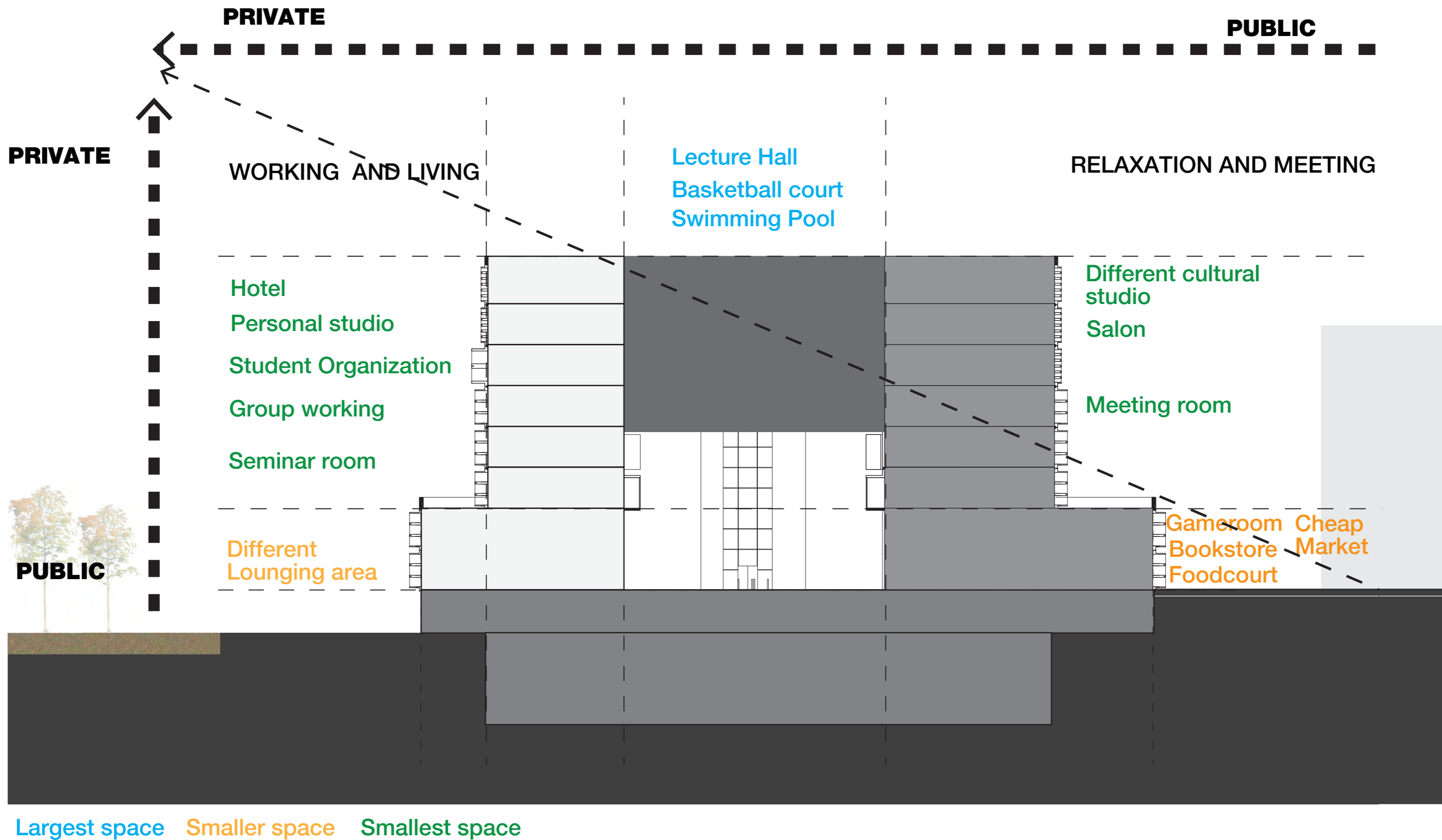
Continuation



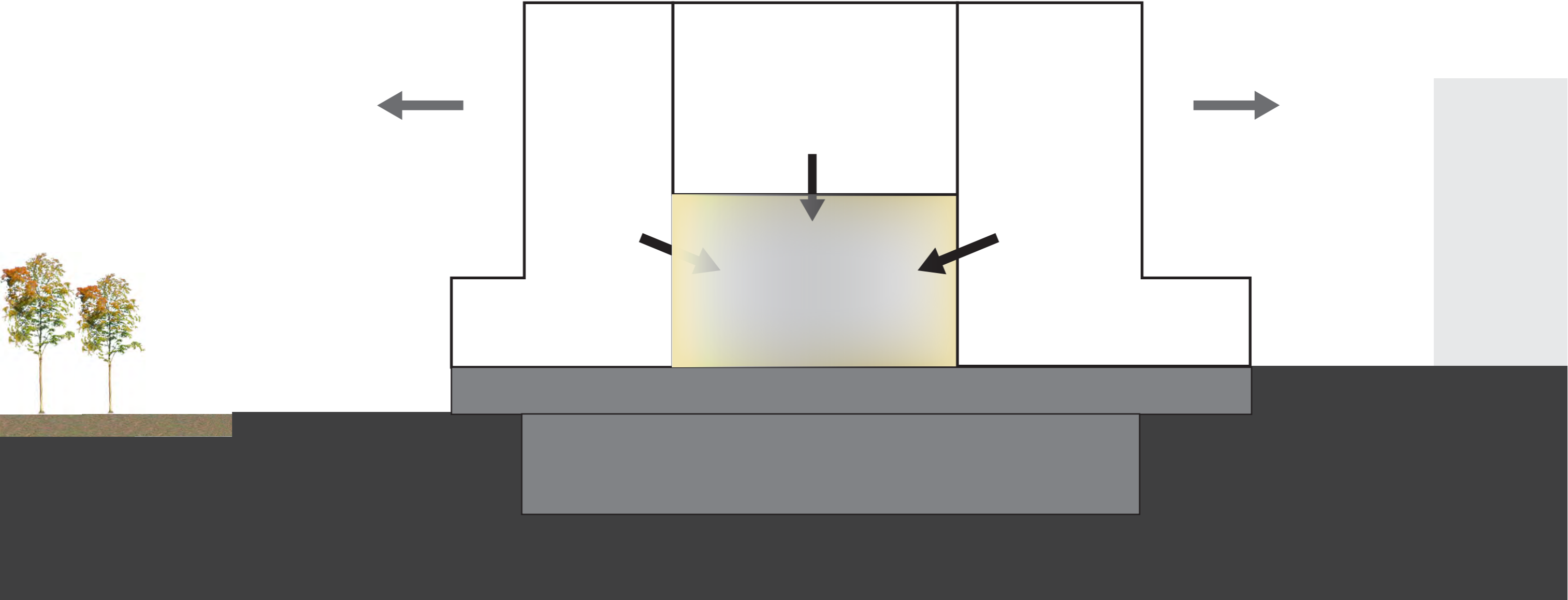
Lift up

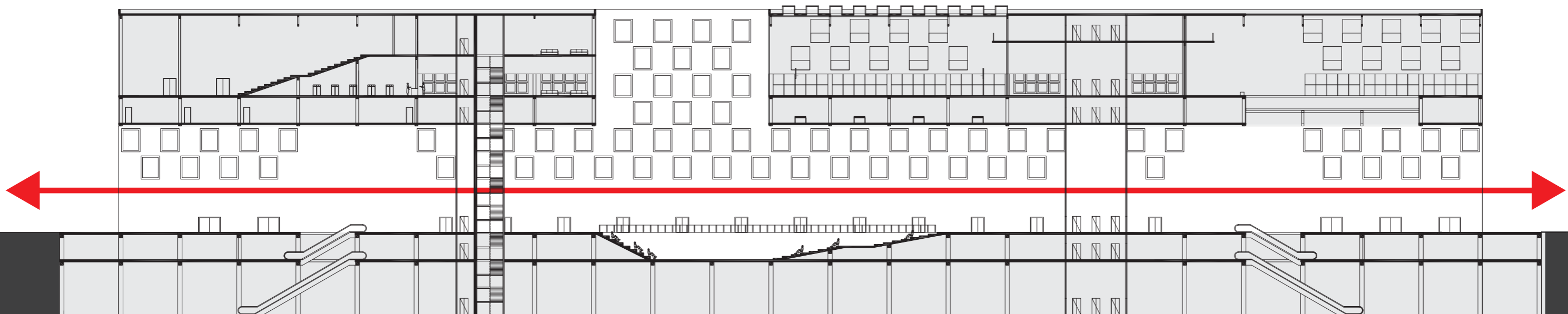






COVERED URBAN SPACE





- - - **BIKE**
- - - **CAR**
- - - **METRO**

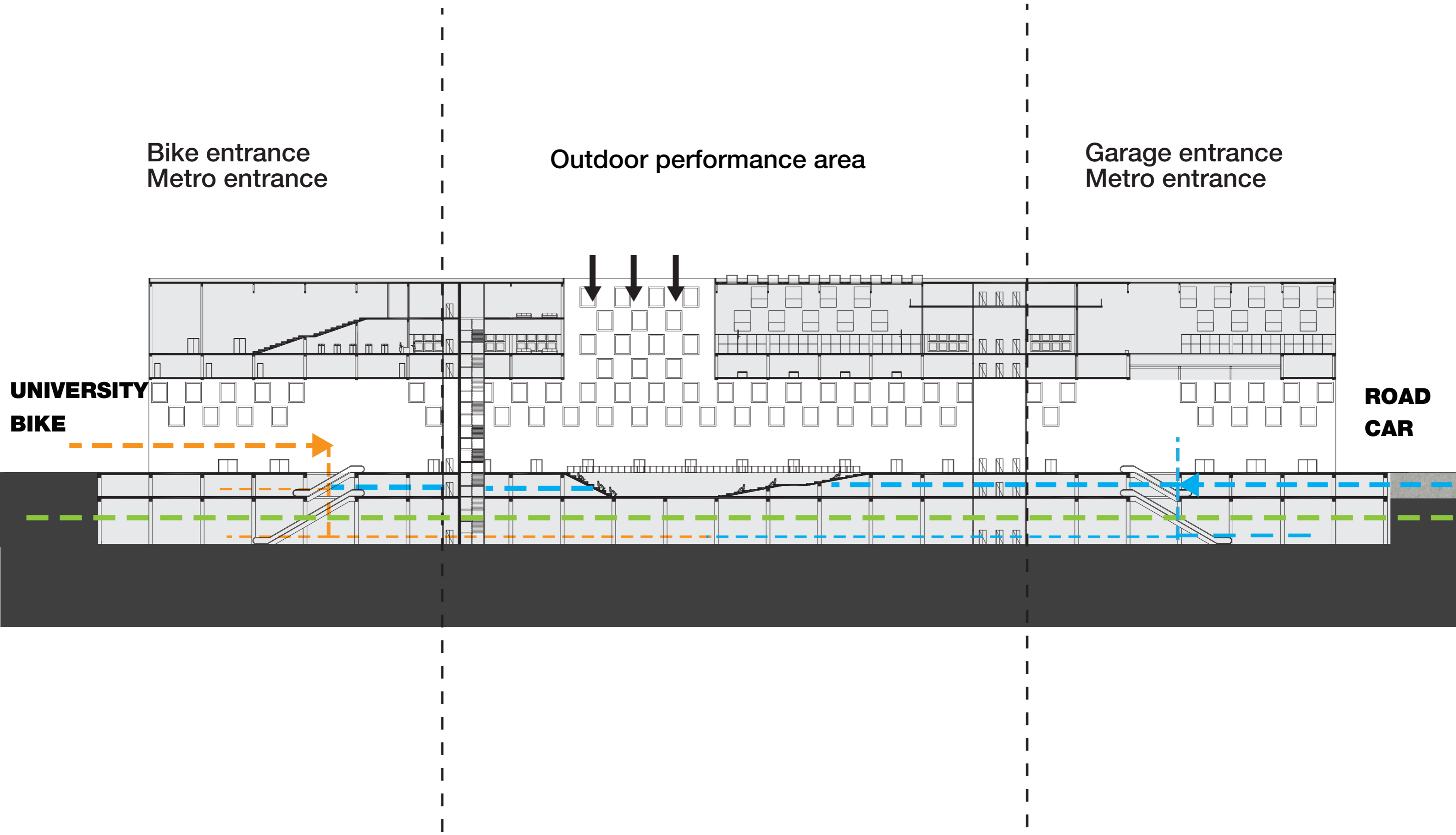
Bike entrance
Metro entrance

Outdoor performance area

Garage entrance
Metro entrance

UNIVERSITY
BIKE

ROAD
CAR



Bike entrance
Metro entrance

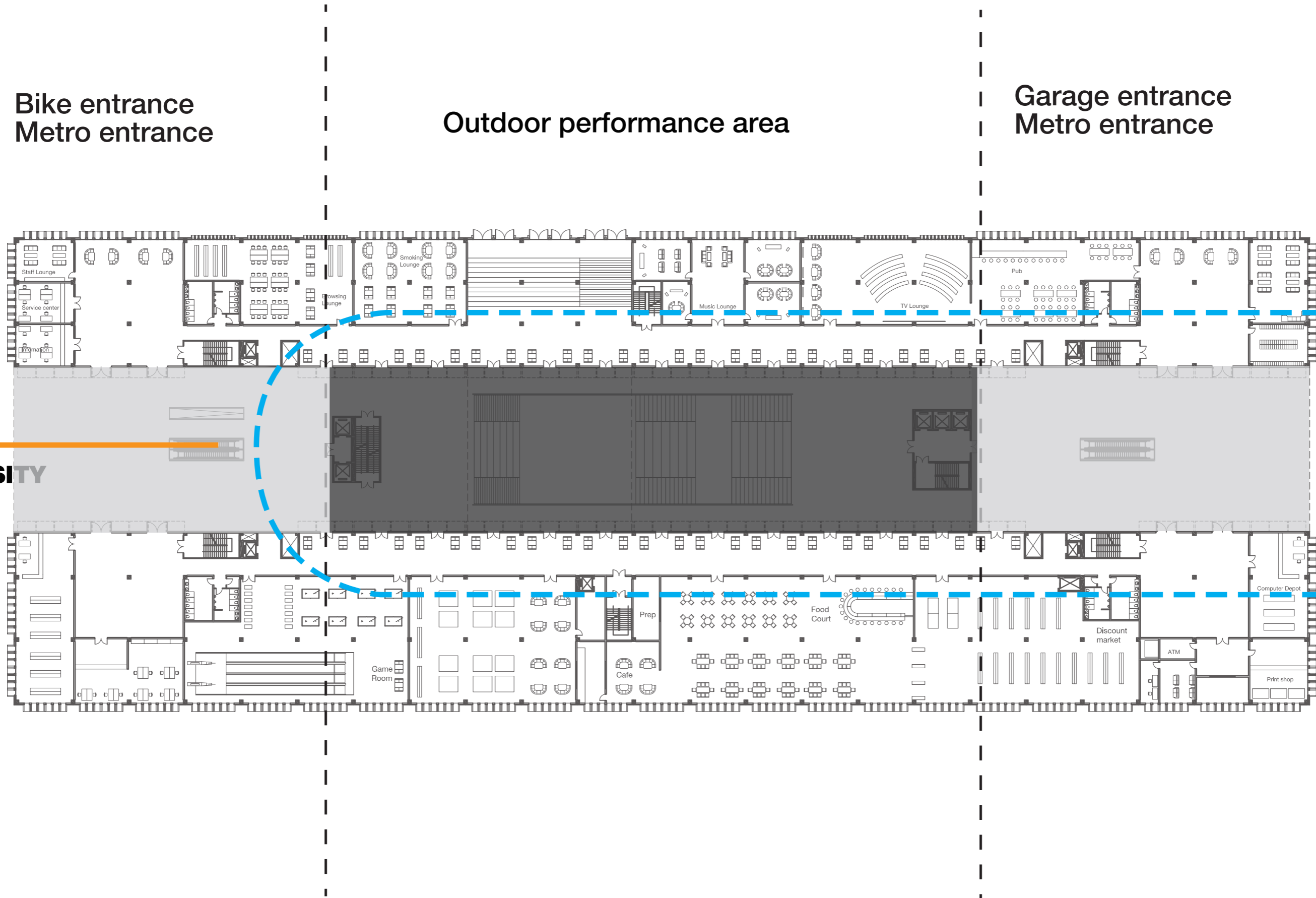
Outdoor performance area

Garage entrance
Metro entrance

ROAD
CAR
ENTRY

BIKE
UNIVERSITY

ROAD
CAR
EXIT



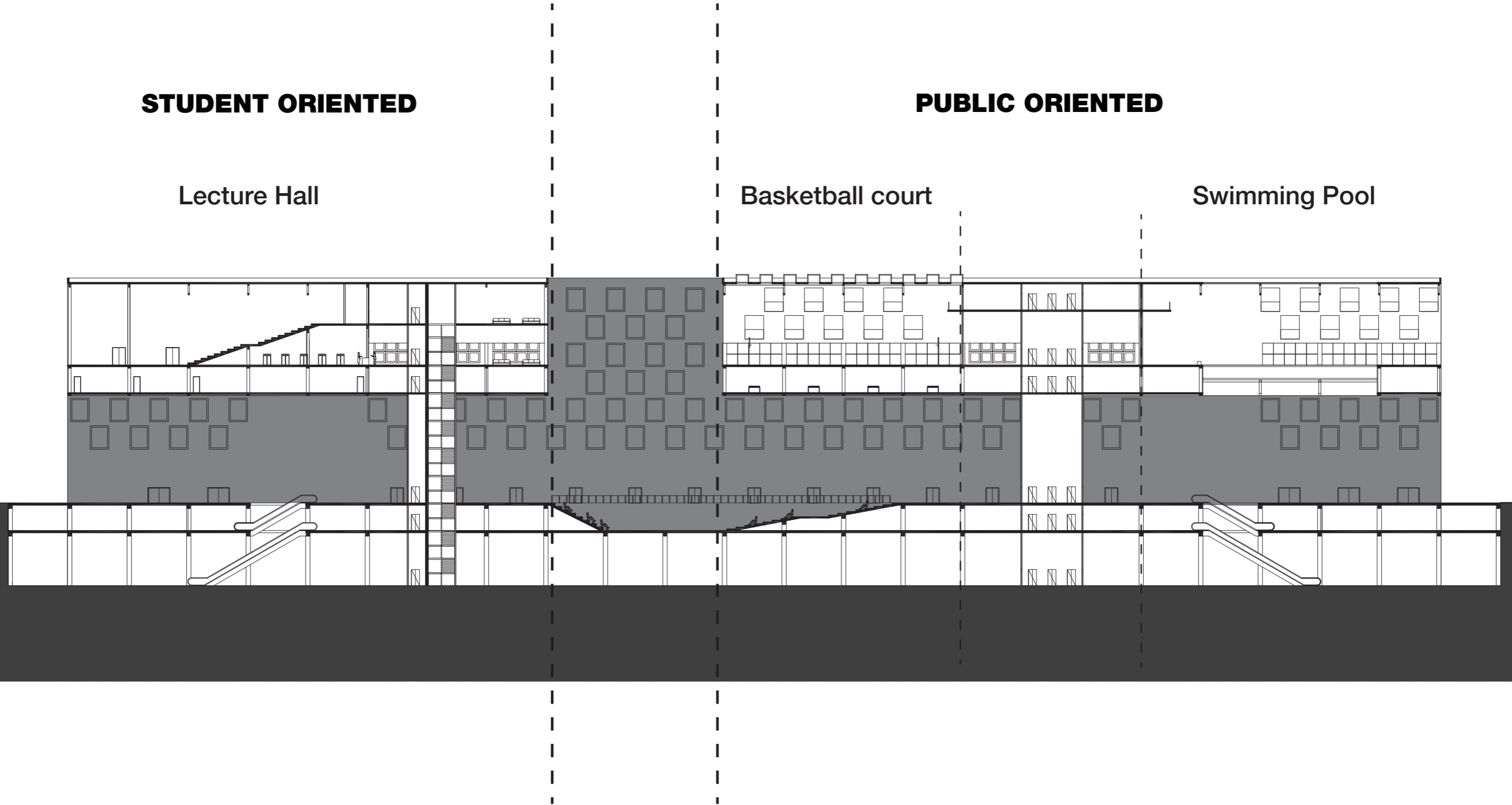
STUDENT ORIENTED

Lecture Hall

PUBLIC ORIENTED

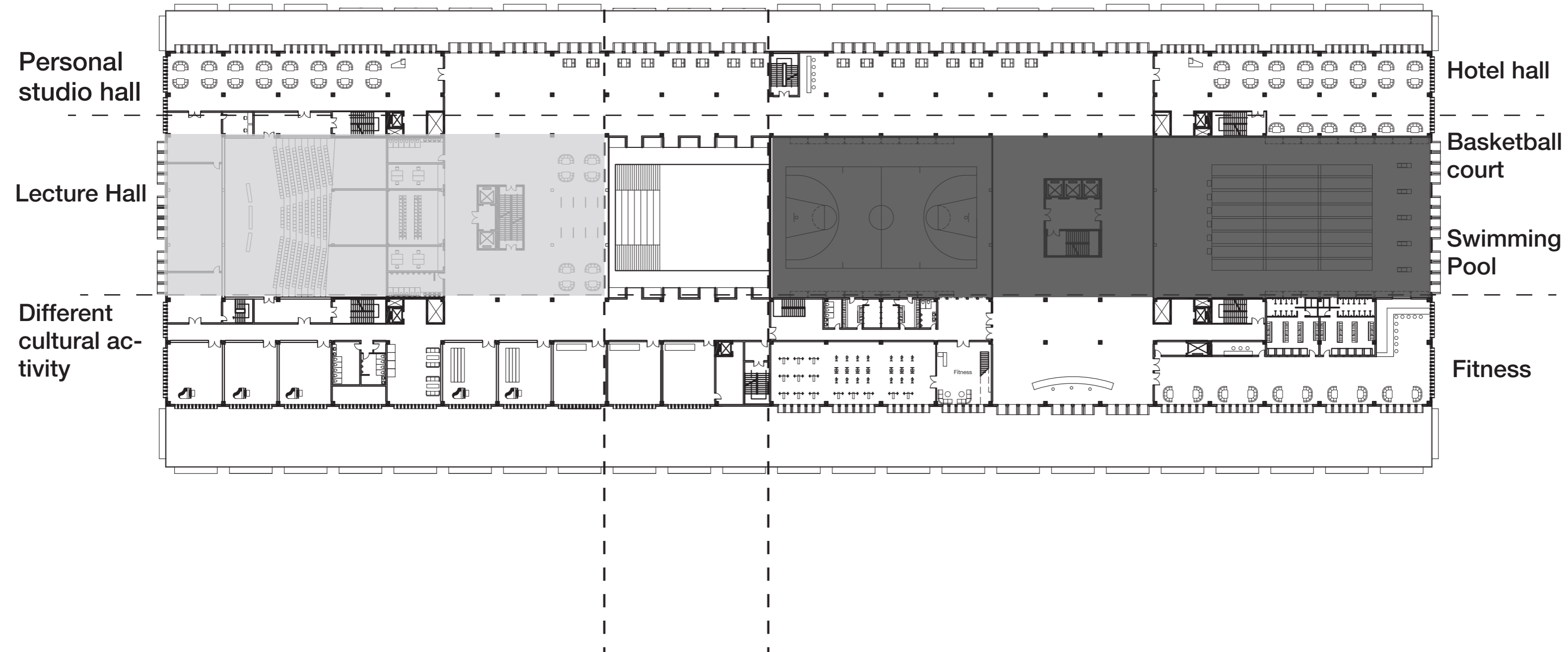
Basketball court

Swimming Pool



STUDENT ORIENTED

PUBLIC ORIENTED



Personal studio hall

Hotel hall

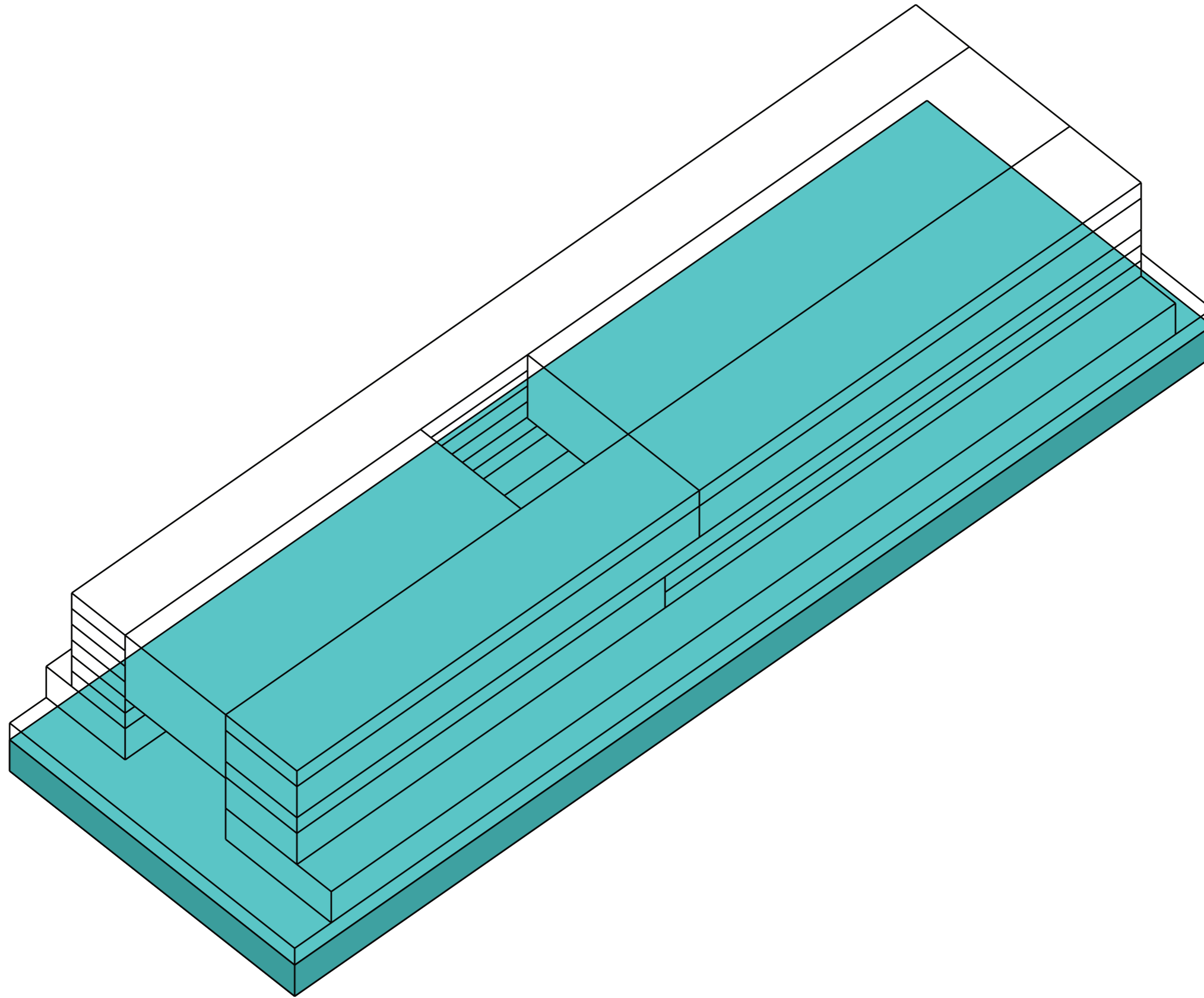
Lecture Hall

Basketball court

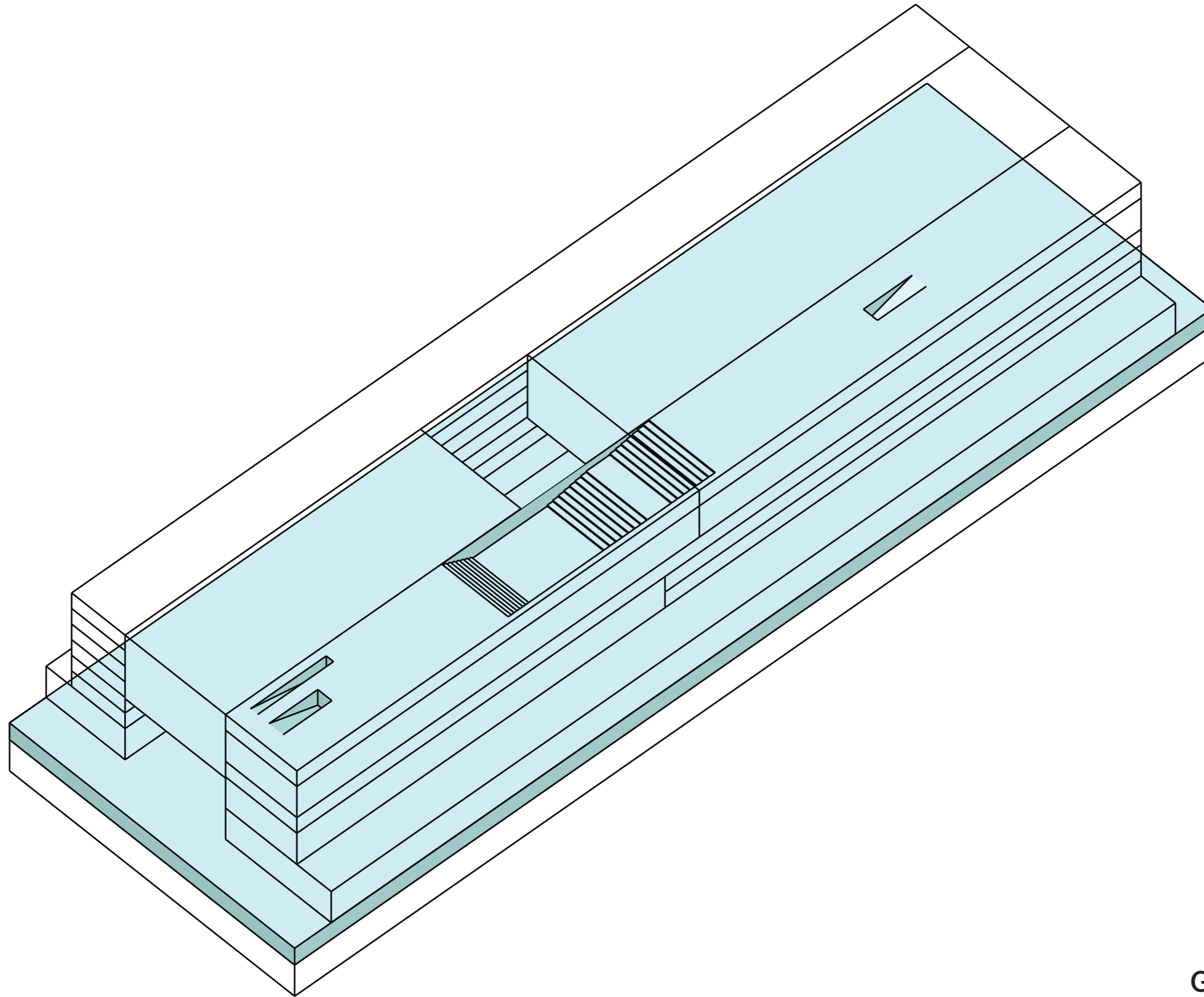
Different cultural activity

Swimming Pool

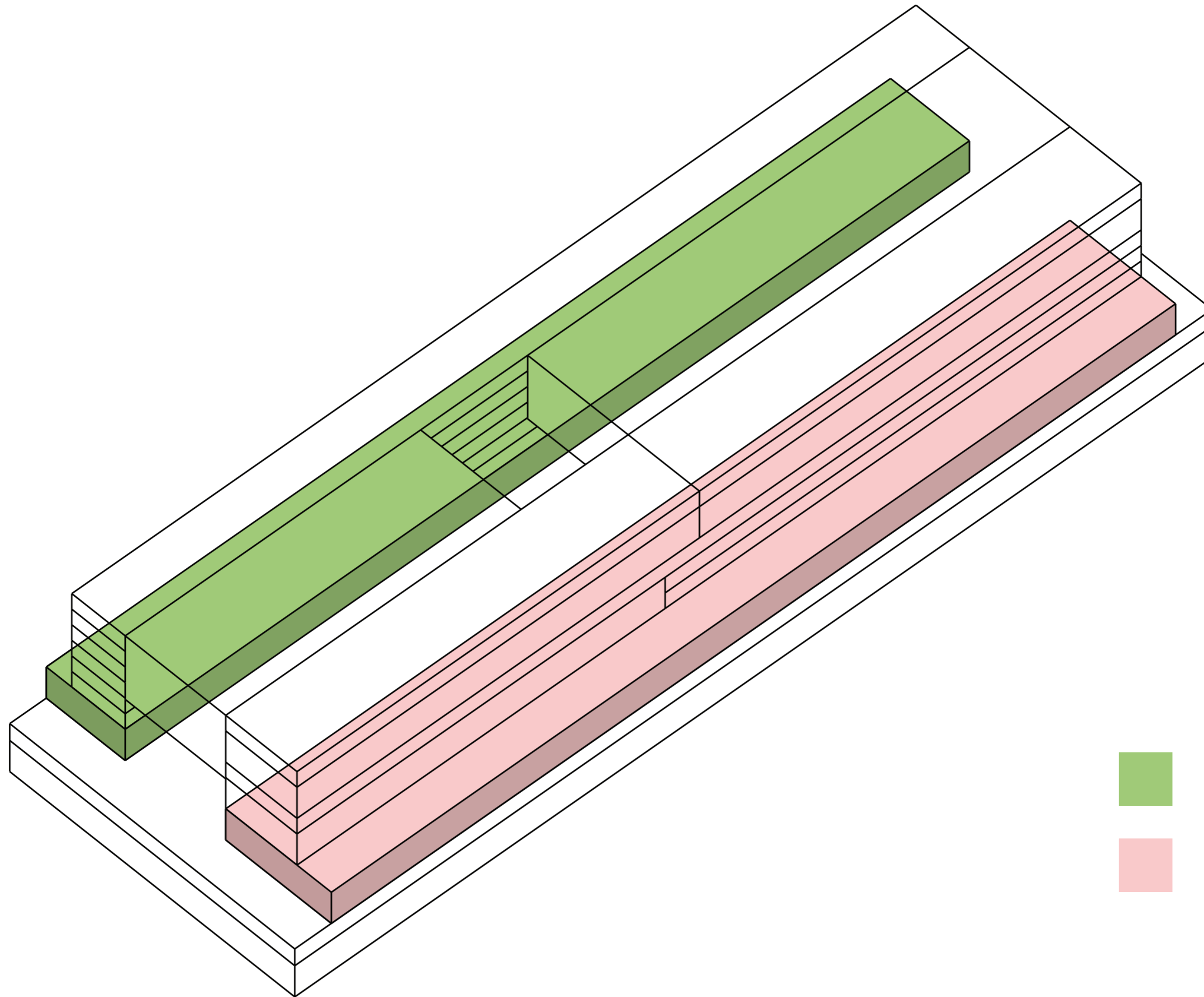
Fitness



METRO STATION



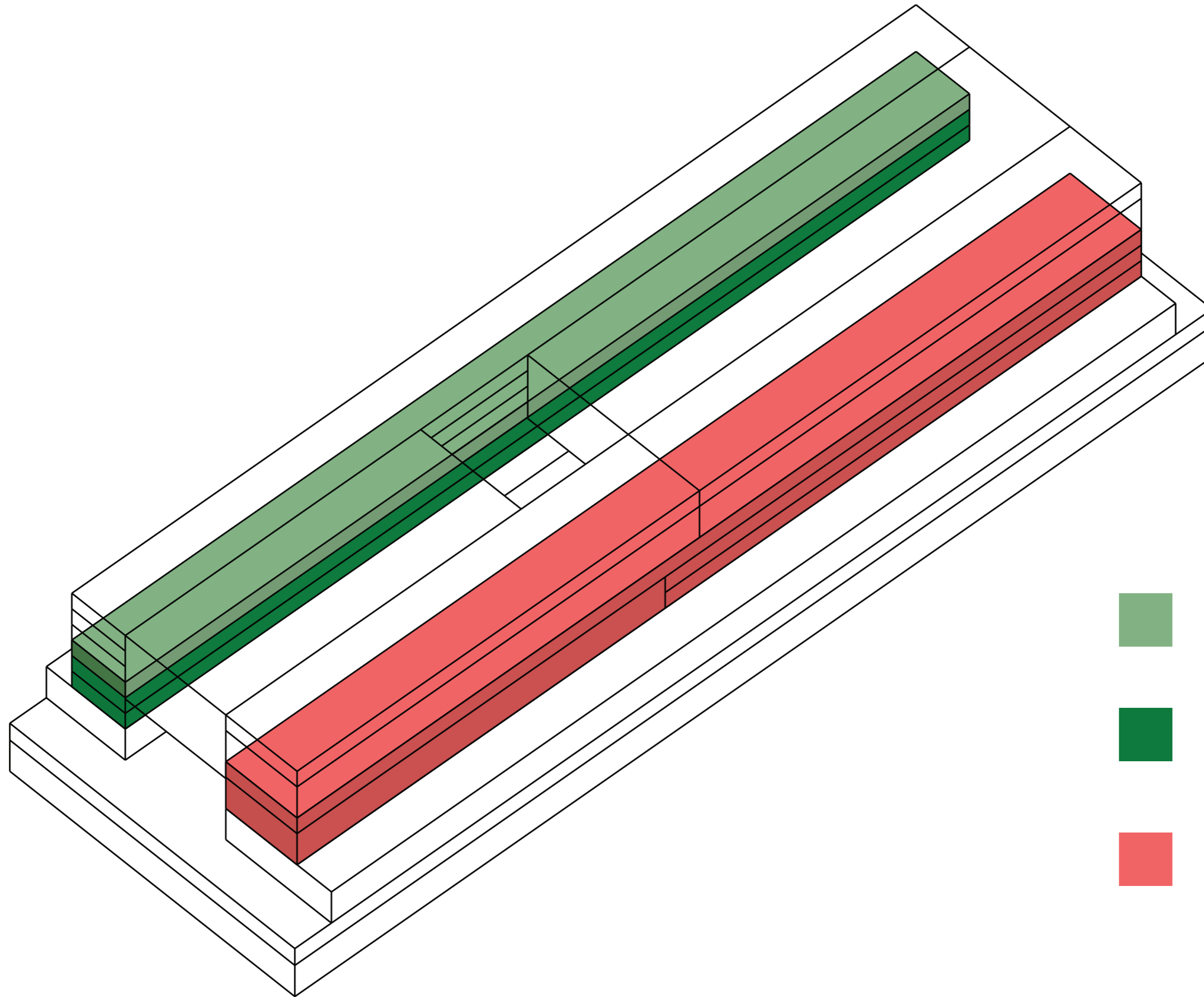
GARAGE (CAR,BIKE)



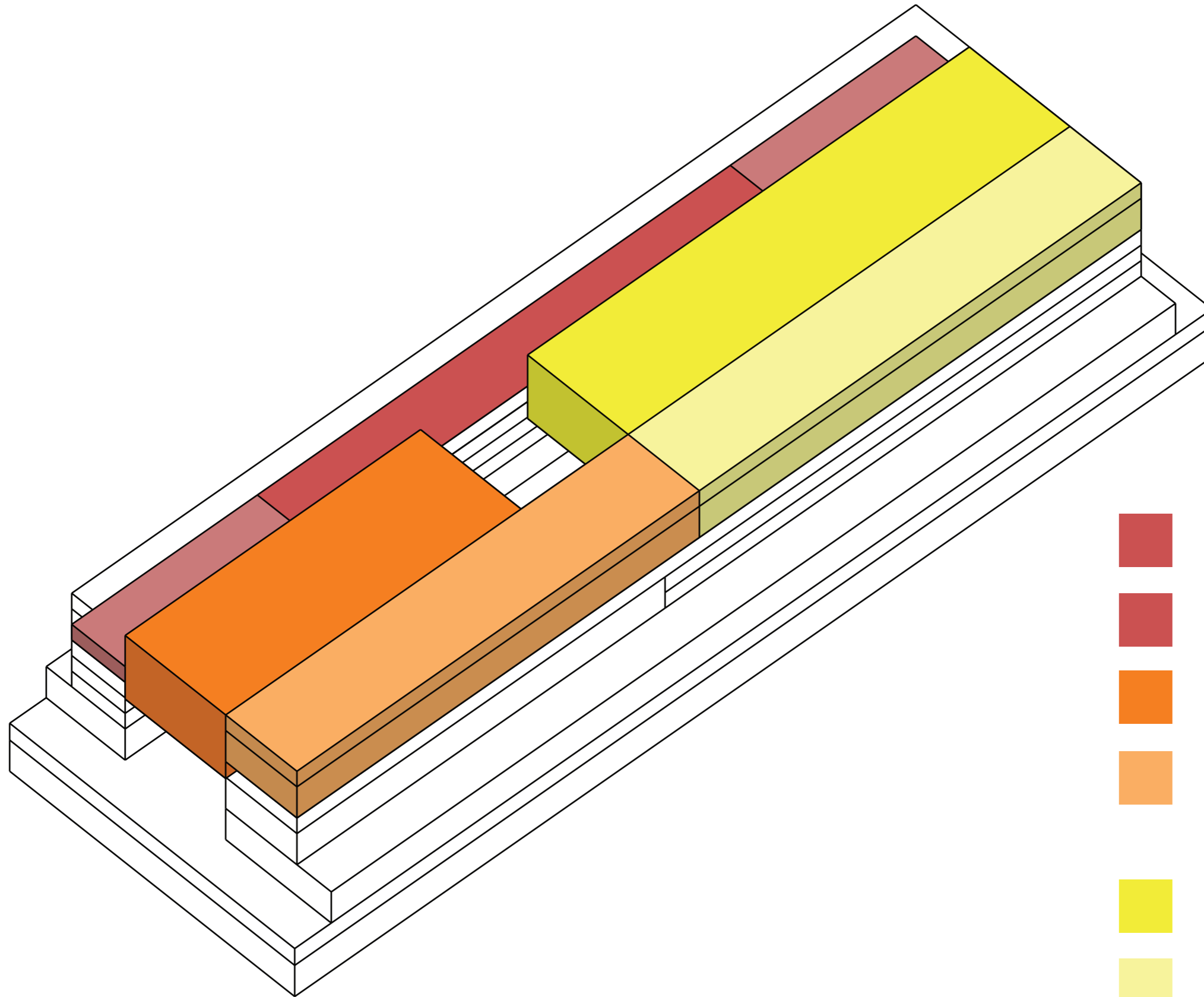
LOUNGES



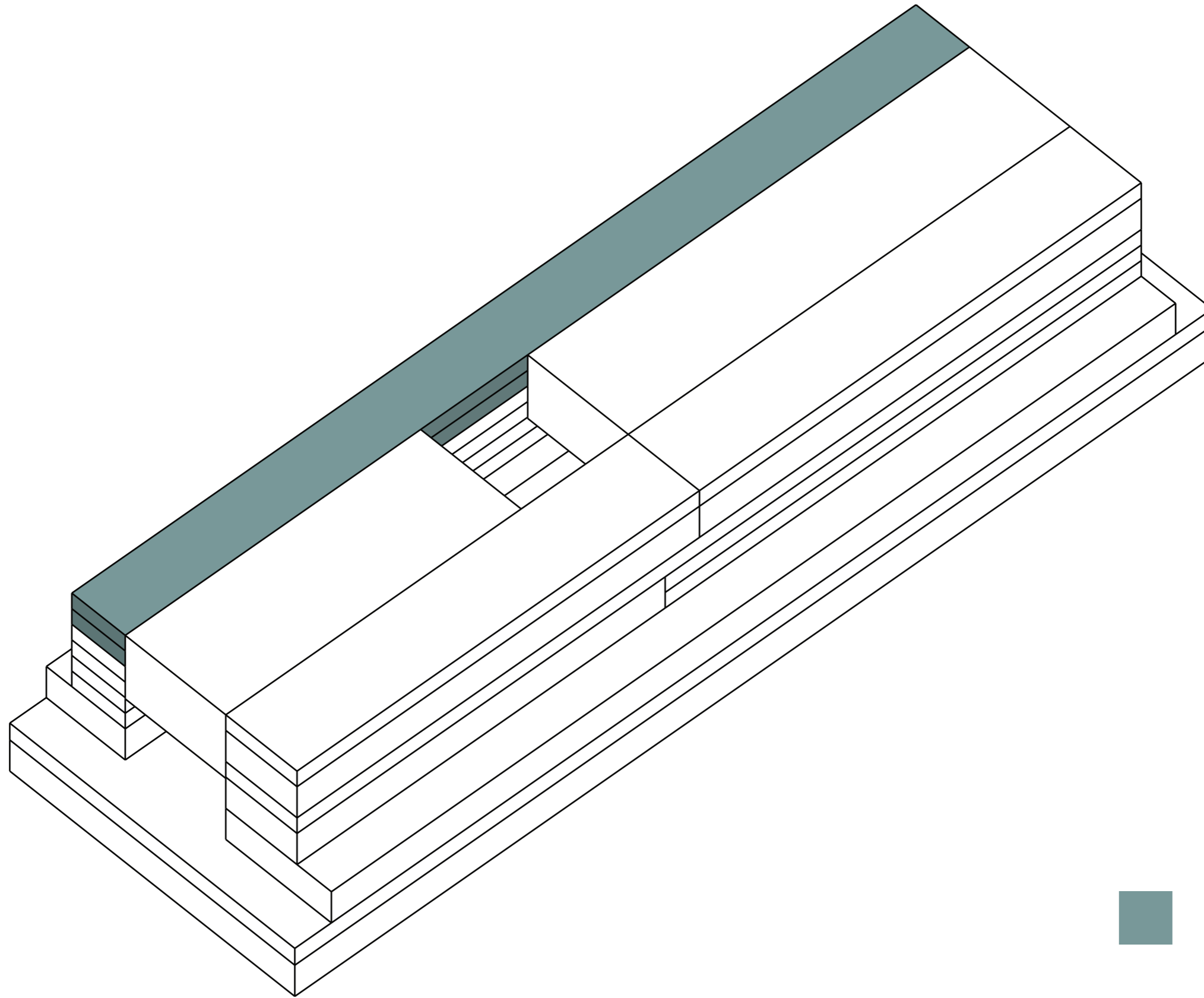
GAMEROOM
BOOKSHOP
FOODCOURT
CHEAP MARKET
COMPUTER DEPOT
PRINT SHOP



- STUDENT ORGANIZATION, ADMINISTRATION
- SEMINAR GROUP STUDY
- MEETING ROOM EVENT ROOM



- FOYER AND LOUNGE
- HALL OF THE PERSONAL
SRUDIO AND HOTEL HALL
- LECTURE
- DANCING ROOM
MUSIC ROOM
CHOIR
- DIFFRENT STUDIO
WORKSHOP
- SPORTS HALL
SWIMMING POOL
- FITNESS
MEDITATION ROOM
SALON



PERSONAL SRUDIO
HOTEL

-Urban Situation

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Site reconfiguration

Building Position

-Architectural Design

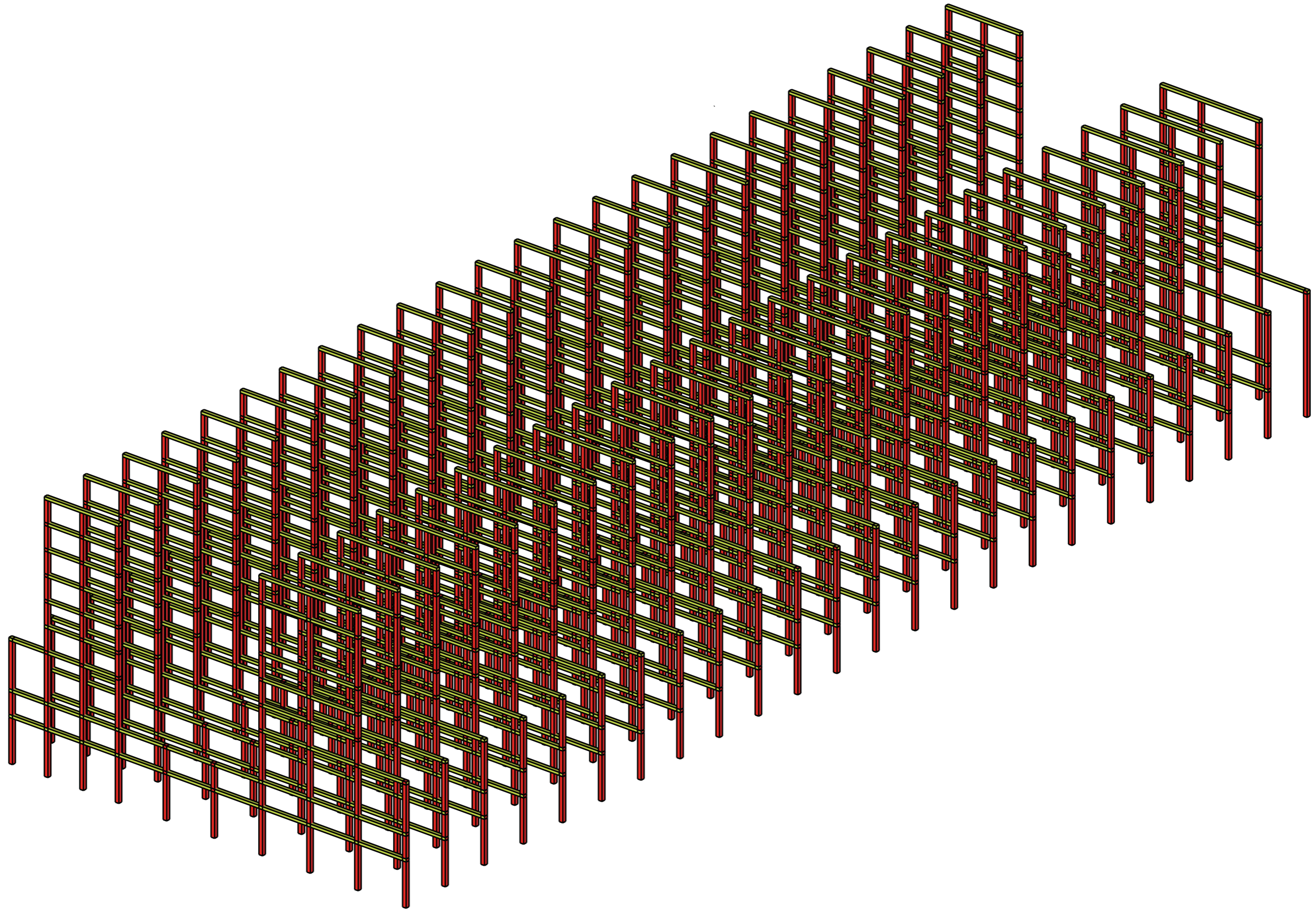
Programmatic

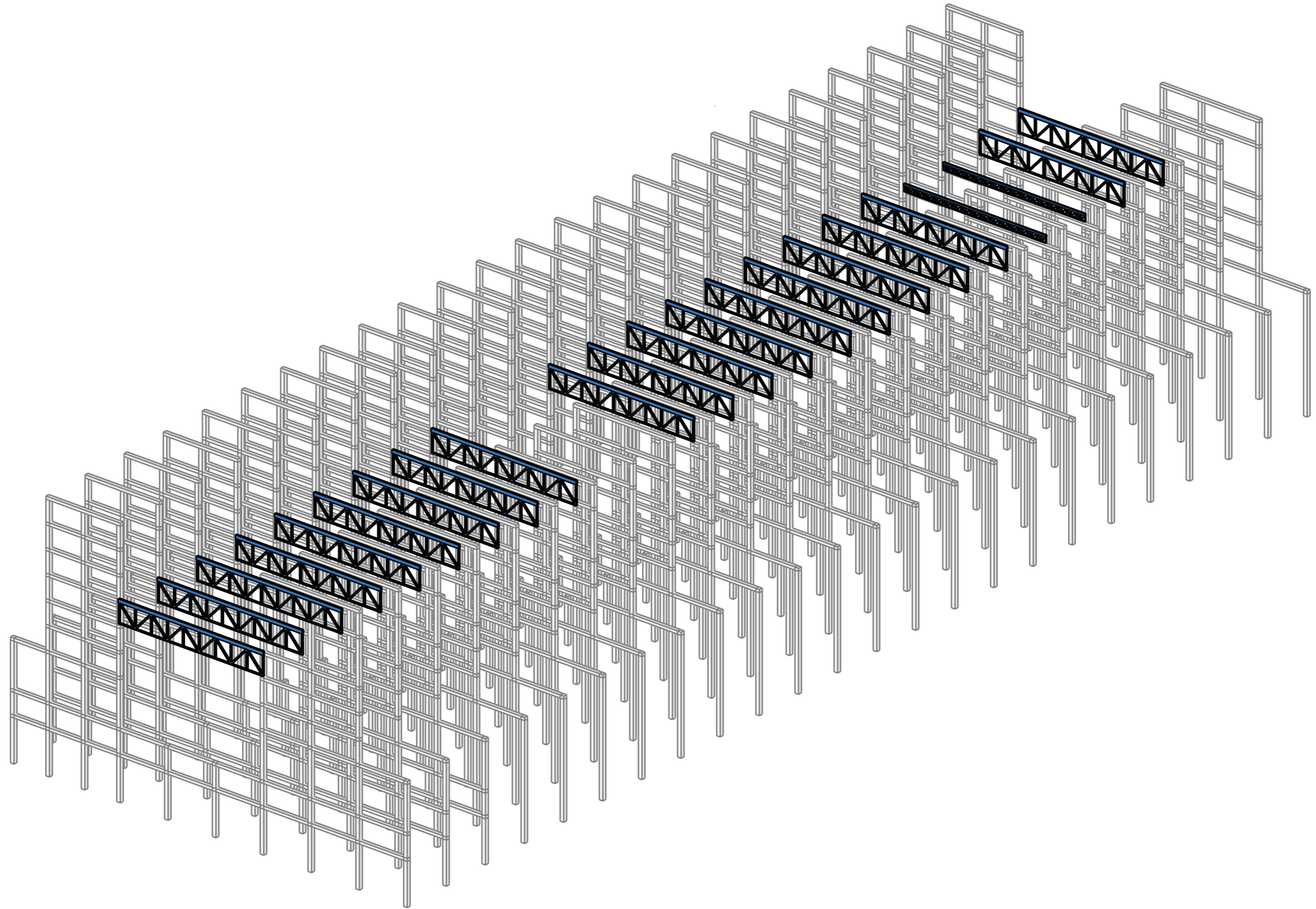
Concept

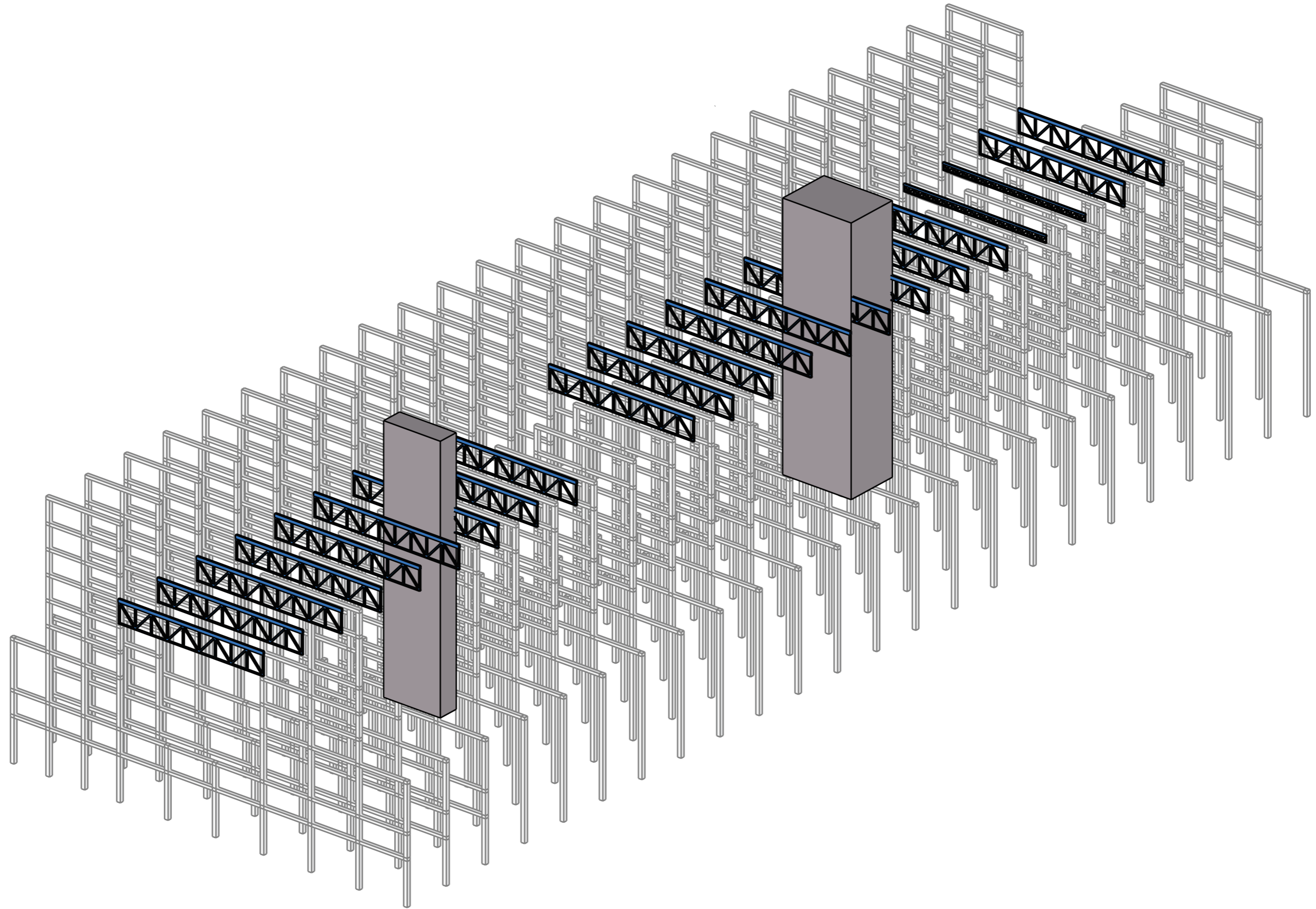
Composition

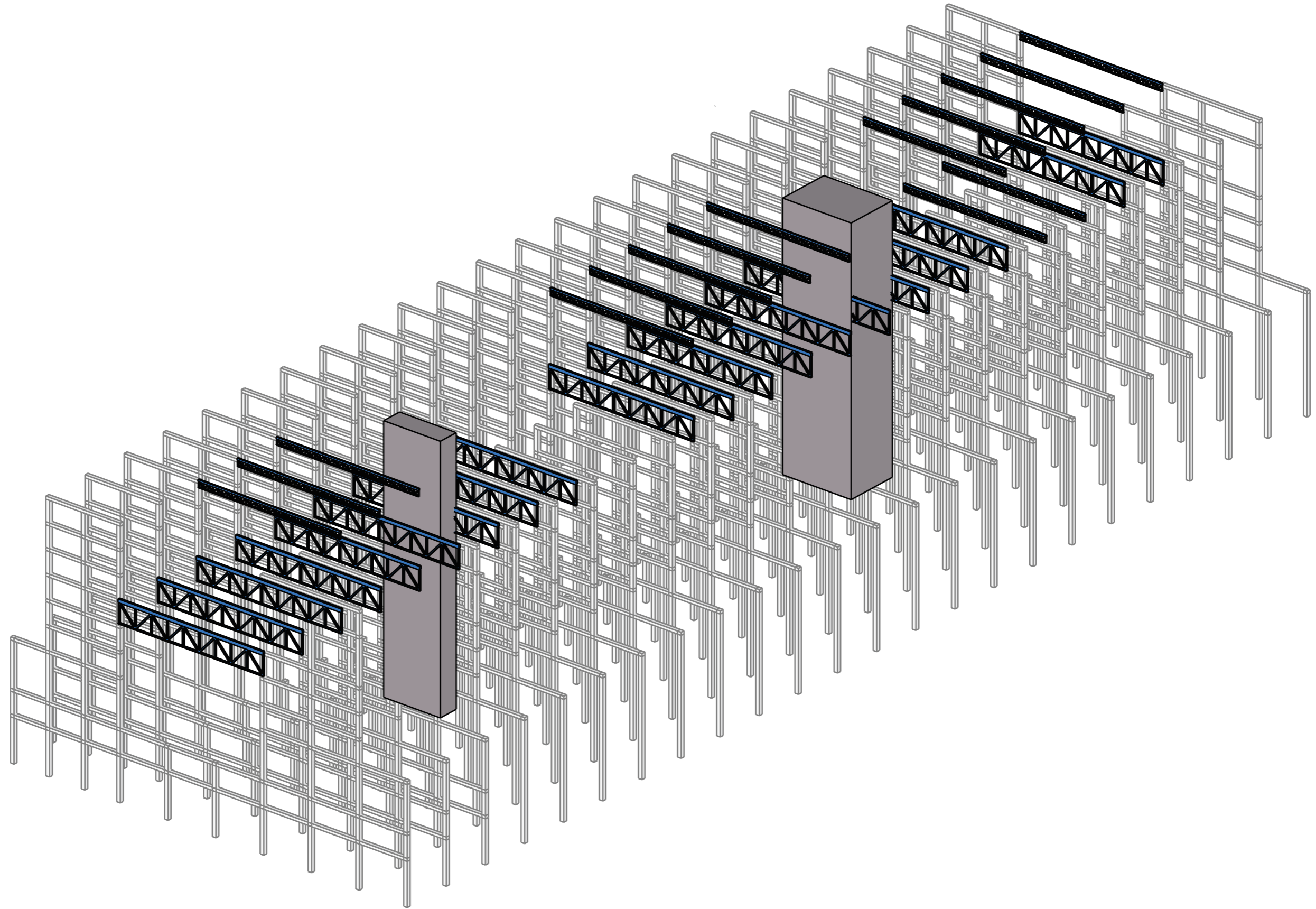
-Structure and Materialization

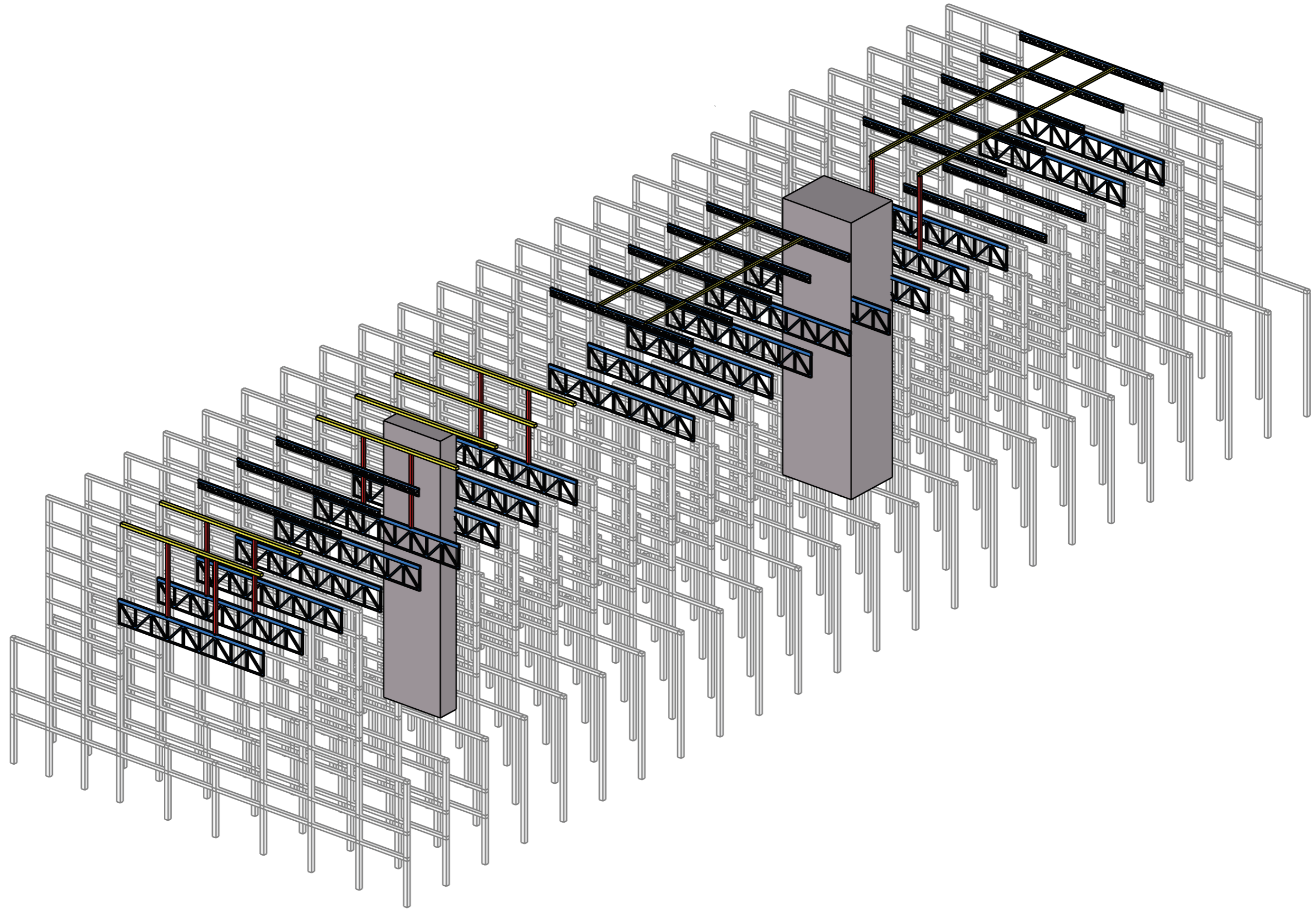
-Building Performance

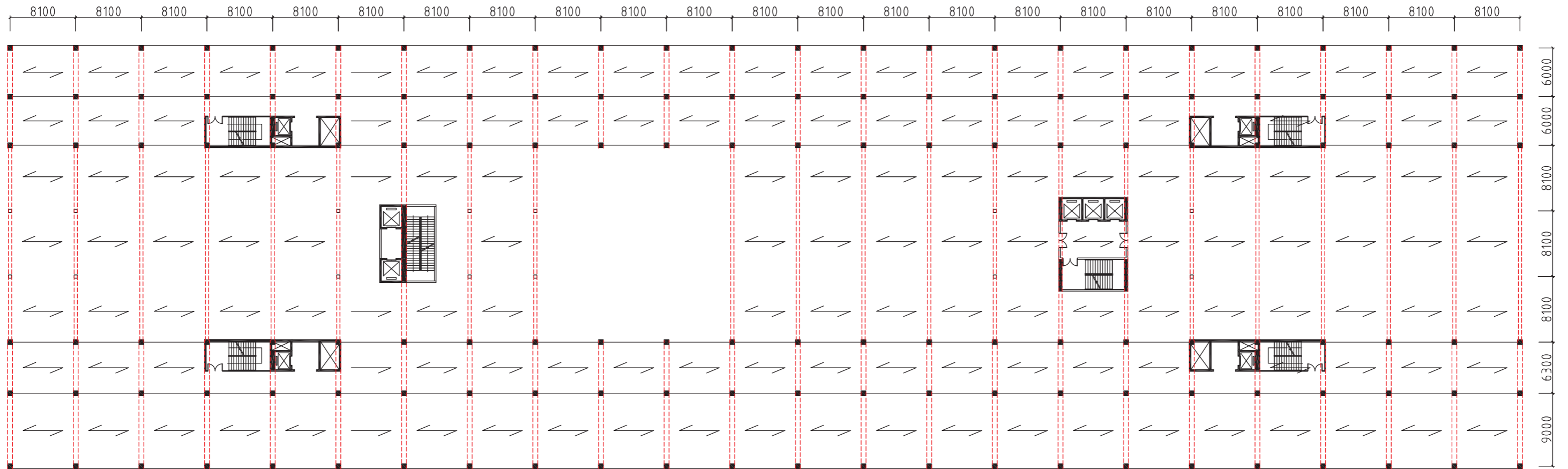


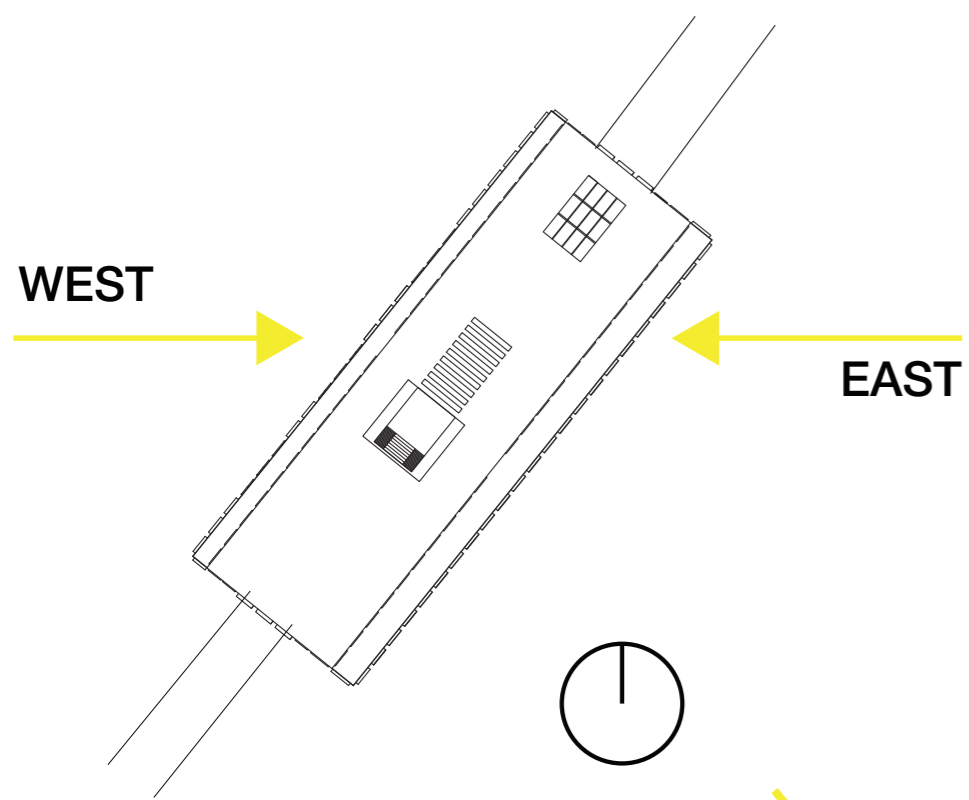










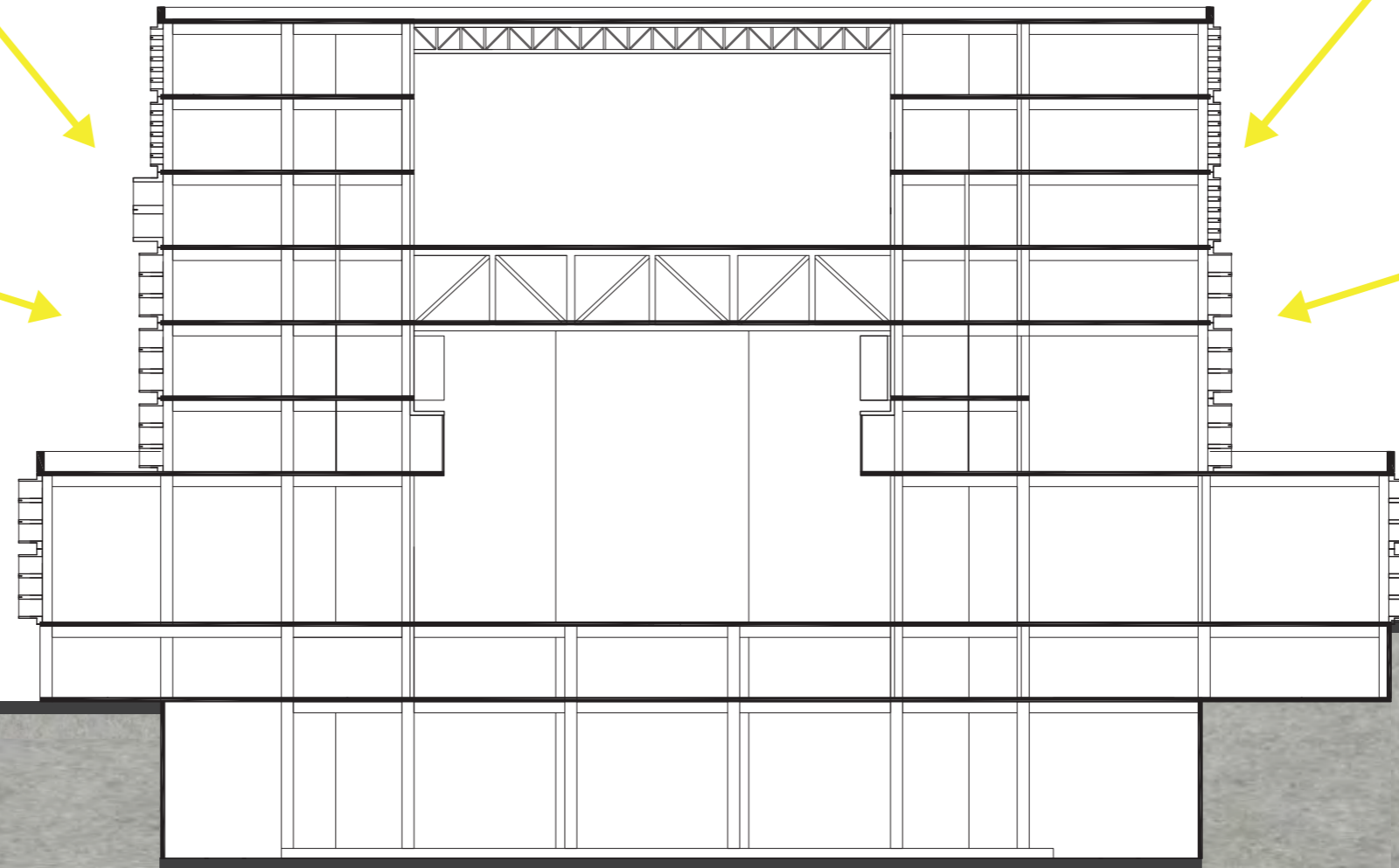


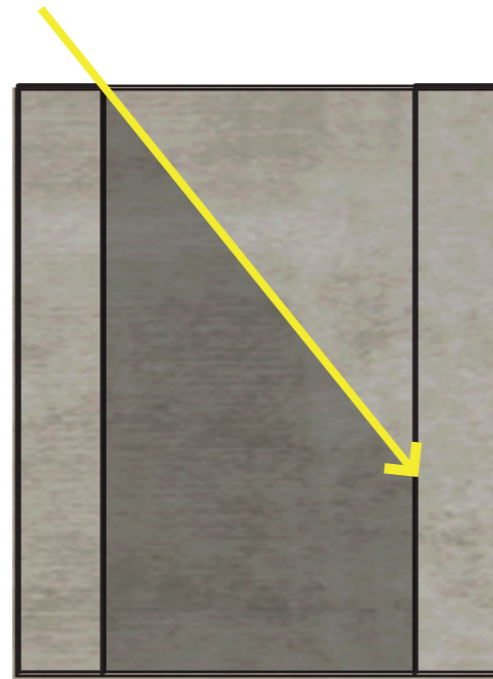
WORKING AND LIVING

RELAXATION AND MEETING

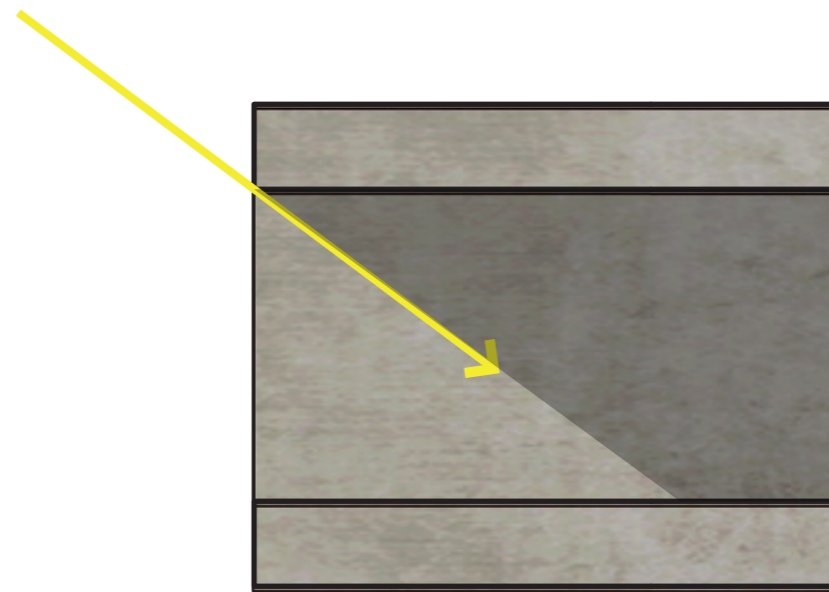
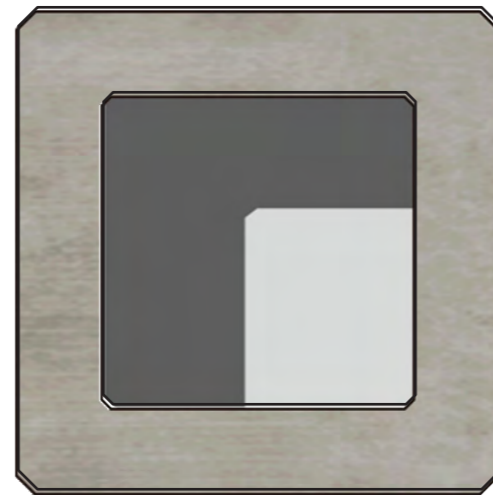
NORTHWEST

SOUTHEAST





Extruding window
Block the sunlight
Keep the view



ONE FACADE UNIT

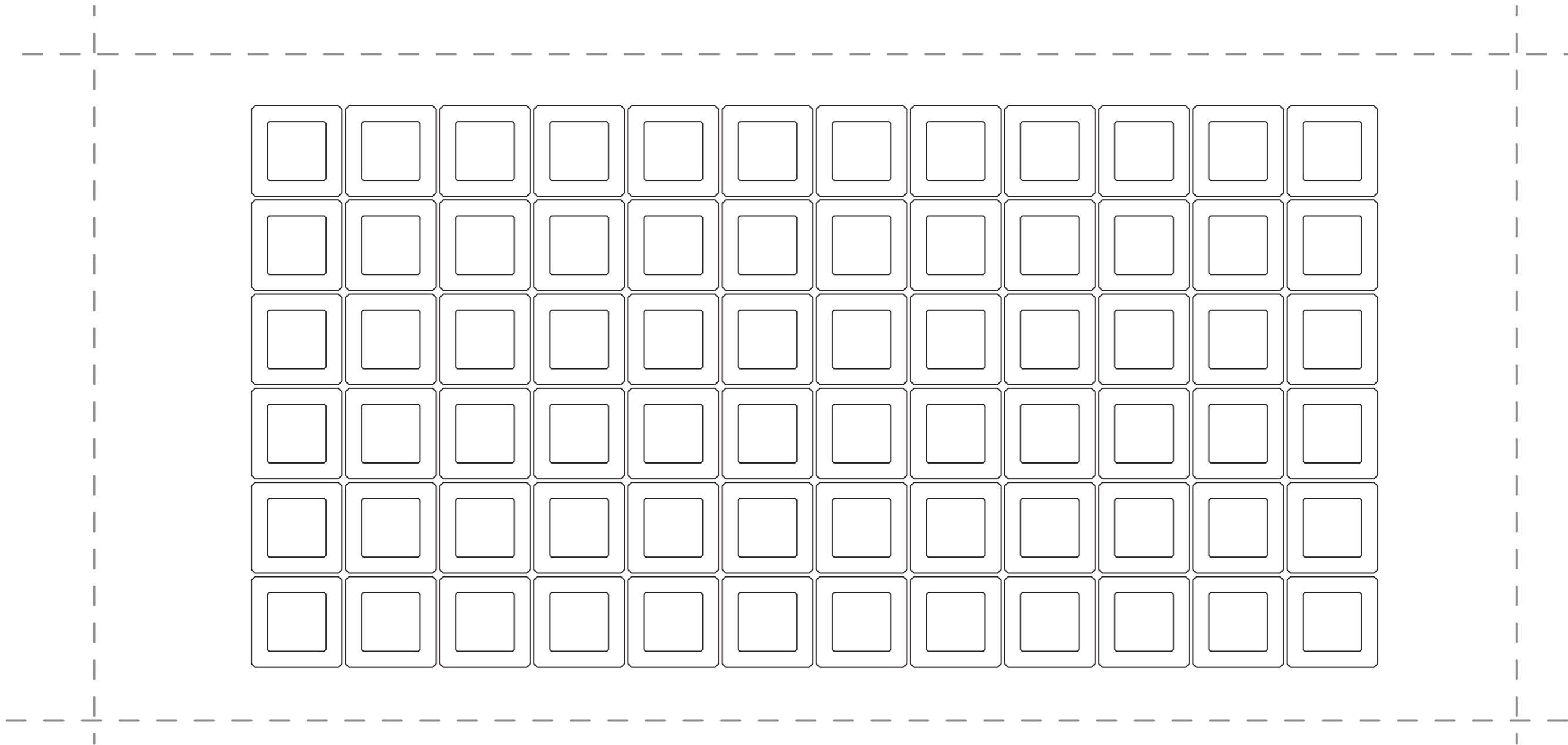
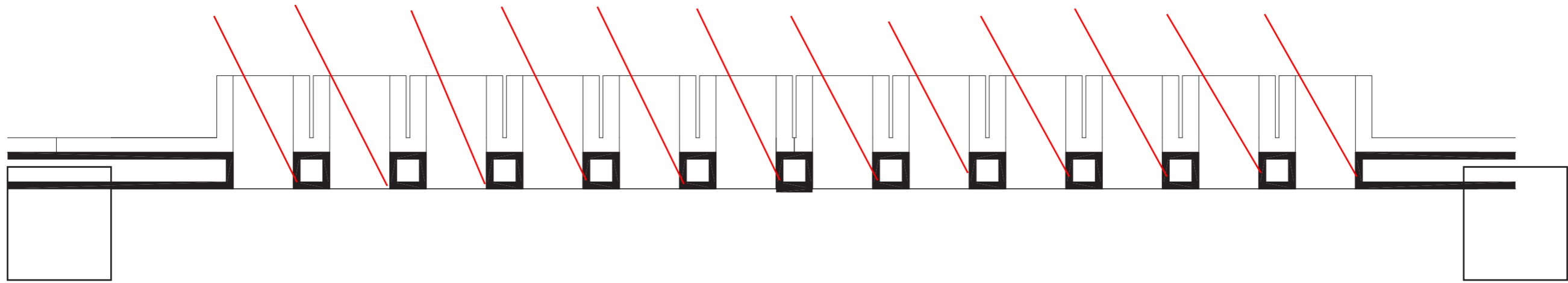
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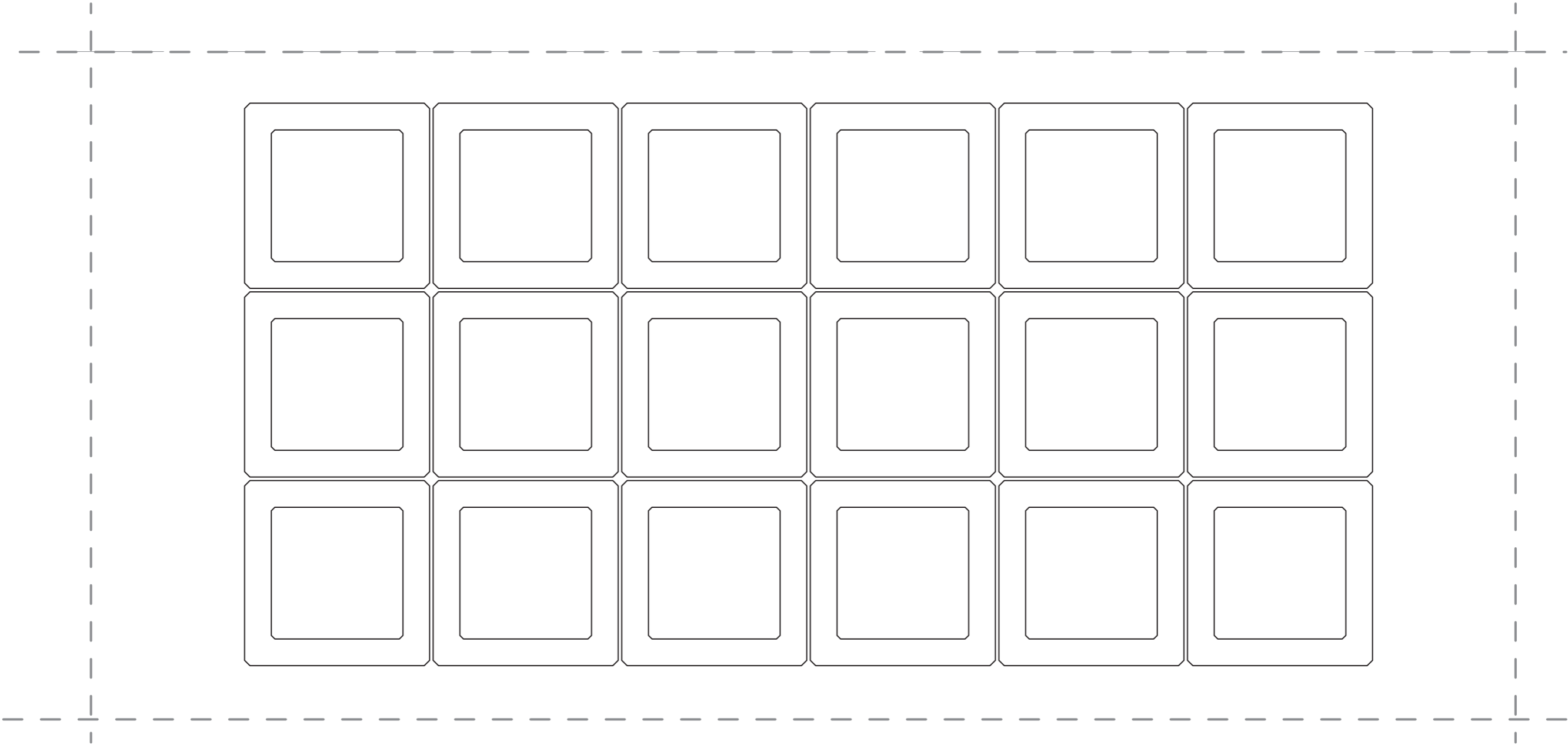
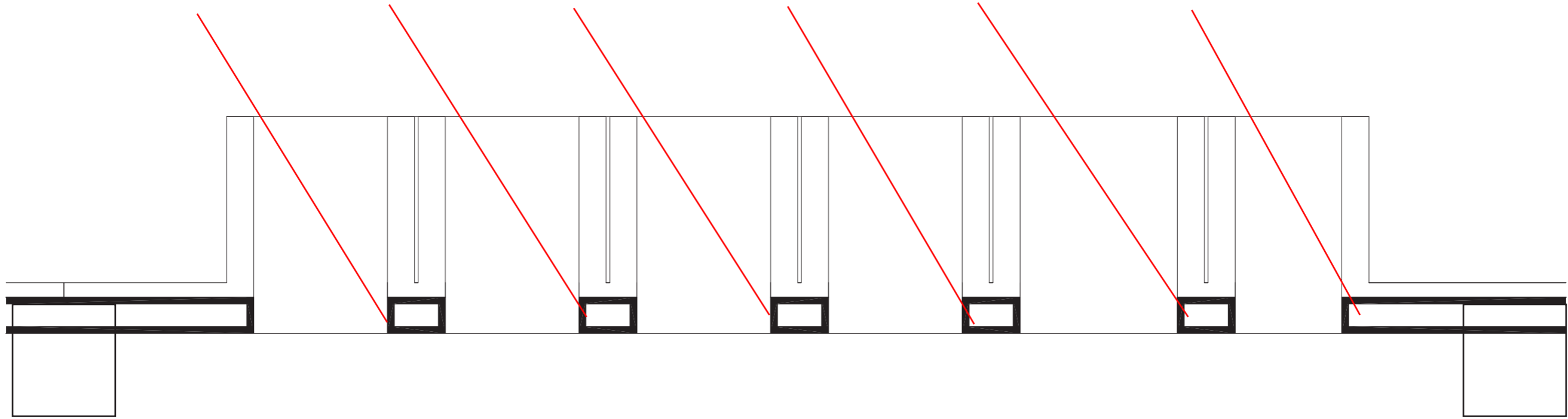
fin depth
fin thickness
fin spacing
fin tilt degrees

latitude °
show values
orientation

calculate

	MORNING									AFTERNOON								
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Jan												100%	100%					Jan
Feb												100%	100%	100%				Feb
Mar										100%	100%	100%	100%					Mar
Apr										100%	100%	100%	100%	100%				Apr
May										100%	100%	100%	100%	100%	100%	91%		May
Jun										100%	100%	100%	100%	100%	100%	79%		Jun
Jul										100%	100%	100%	100%	100%	100%	84%		Jul
Aug										100%	100%	100%	100%	100%	100%			Aug
Sep										100%	100%	100%	100%	100%	100%			Sep
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Nov												100%	100%					Nov
Dec												100%	100%					Dec
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	MORNING									AFTERNOON								





INPUTS

fin depth

 latitude °

fin thickness

 show values

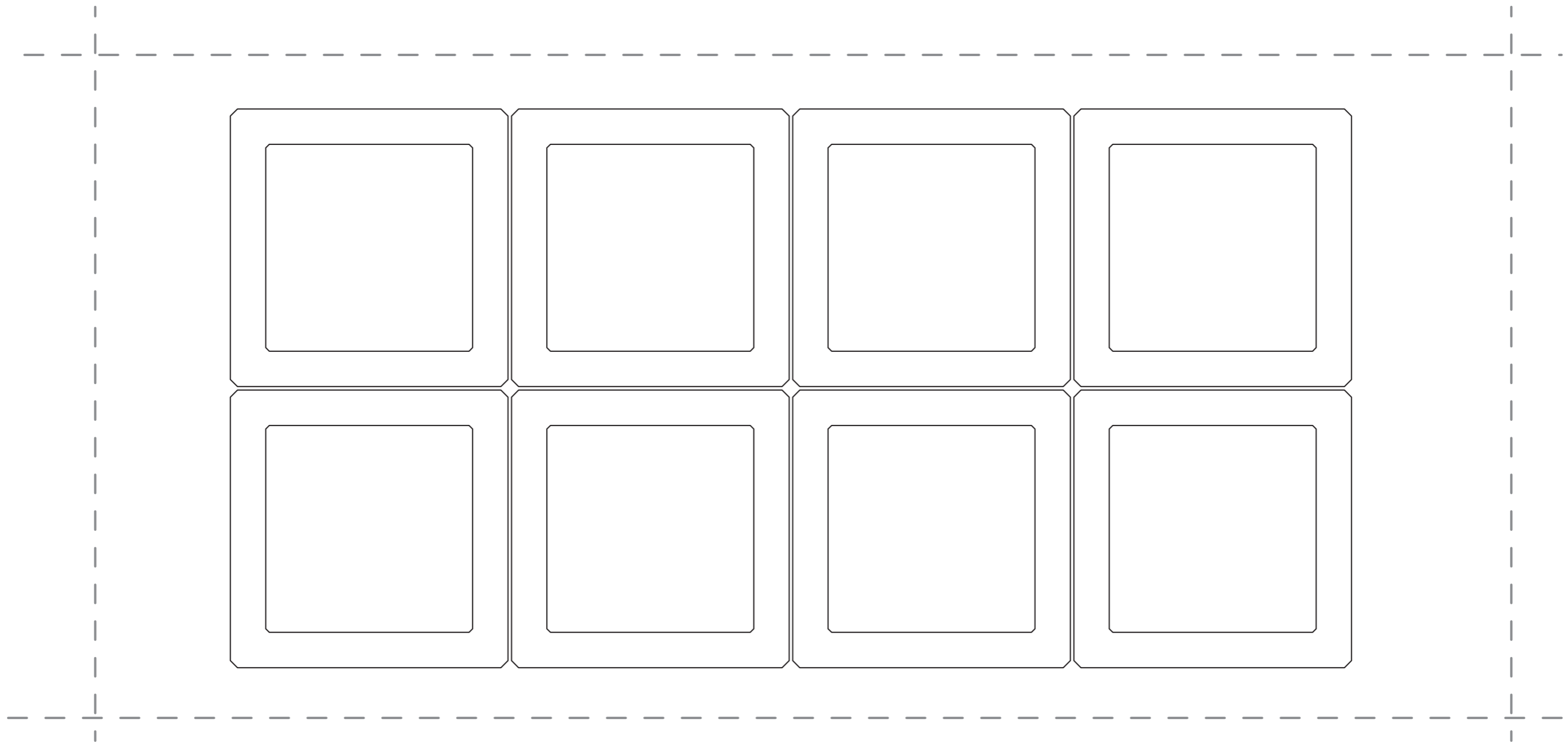
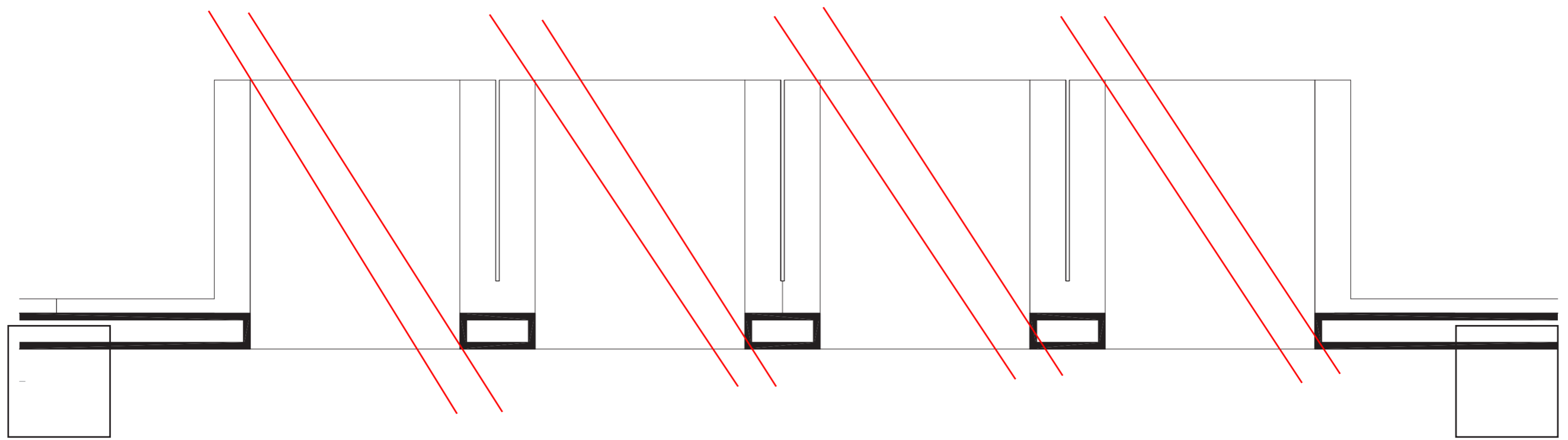
fin spacing

 orientation

fin tilt degrees

calculate

	MORNING										AFTERNOON								
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May											100%	100%	100%	100%	75%	52%		May	
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Jul											100%	100%	100%	94%	70%	48%		Jul	
Aug											100%	100%	100%	100%	86%			Aug	
Sep											100%	100%	100%	100%	100%			Sep	
Oct												100%	100%	100%				Oct	
Nov												100%	100%					Nov	
Dec												100%	100%					Dec	
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	MORNING										AFTERNOON								



INPUTS

fin depth

 latitude °

fin thickness

 show values

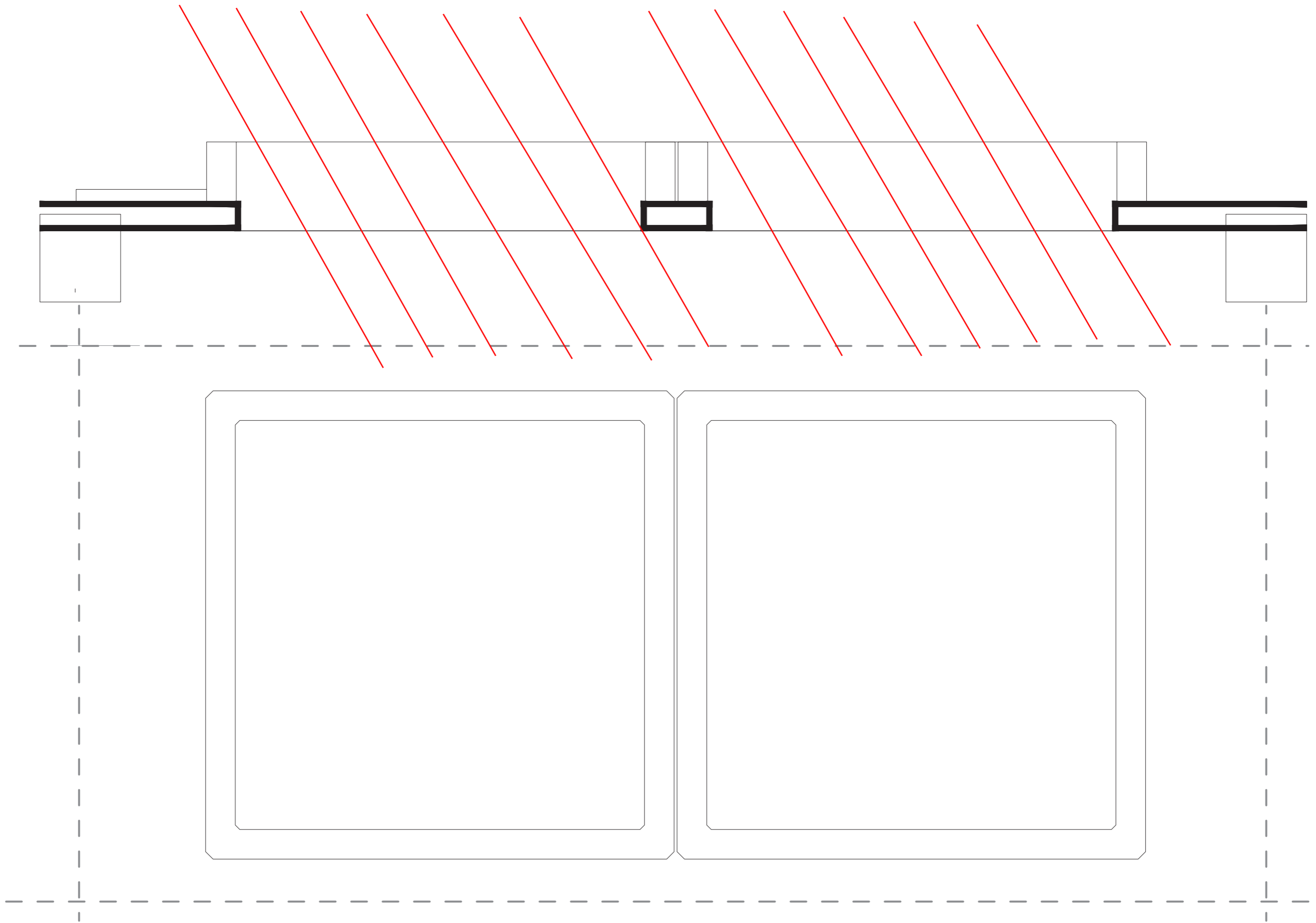
fin spacing

 orientation

fin tilt degrees

calculate

	MORNING									AFTERNOON								
	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	
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Feb												100%	100%	100%				Feb
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Aug											100%	100%	100%	96%	72%			Aug
Sep											100%	100%	100%	100%	94%			Sep
Oct												100%	100%	100%				Oct
Nov												100%	100%					Nov
Dec												100%	100%					Dec
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	MORNING									AFTERNOON								



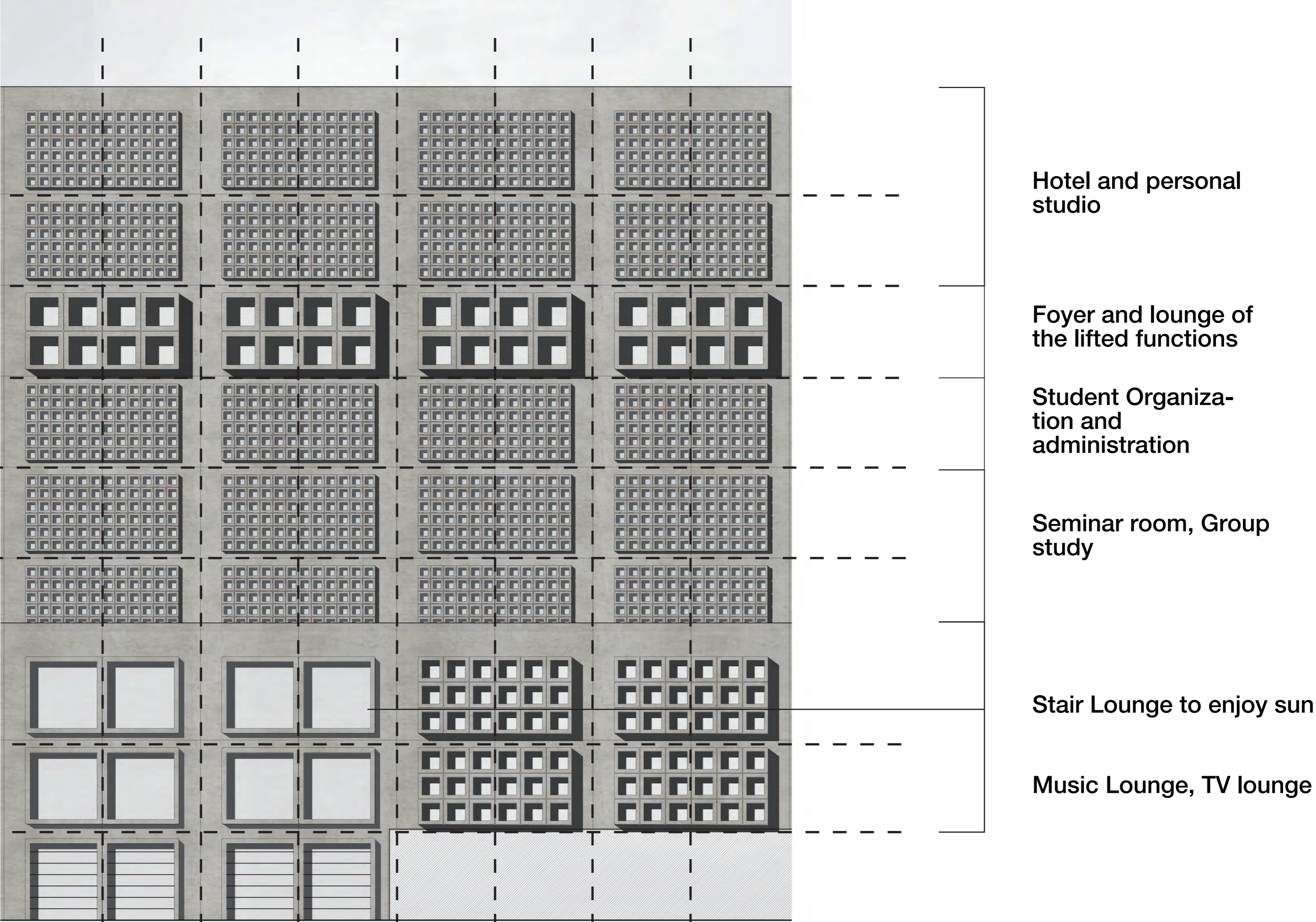
INPUTS

fin depth
fin thickness
fin spacing
fin tilt degrees

latitude ° ▾
show values ▾
orientation ▾

calculate

	MORNING									AFTERNOON								
	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	
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Mar											100%	79%	45%	32%				Mar
Apr											100%	49%	33%	25%	20%			Apr
May											64%	36%	26%	21%	16%	13%		May
Jun										100%	49%	31%	23%	19%	15%	11%		Jun
Jul											54%	33%	25%	19%	15%	12%		Jul
Aug											88%	42%	30%	23%	18%			Aug
Sep											100%	63%	39%	29%	22%			Sep
Oct												100%	54%	37%				Oct
Nov												100%	76%					Nov
Dec												100%	94%					Dec
	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	
	MORNING									AFTERNOON								



Hotel and personal studio

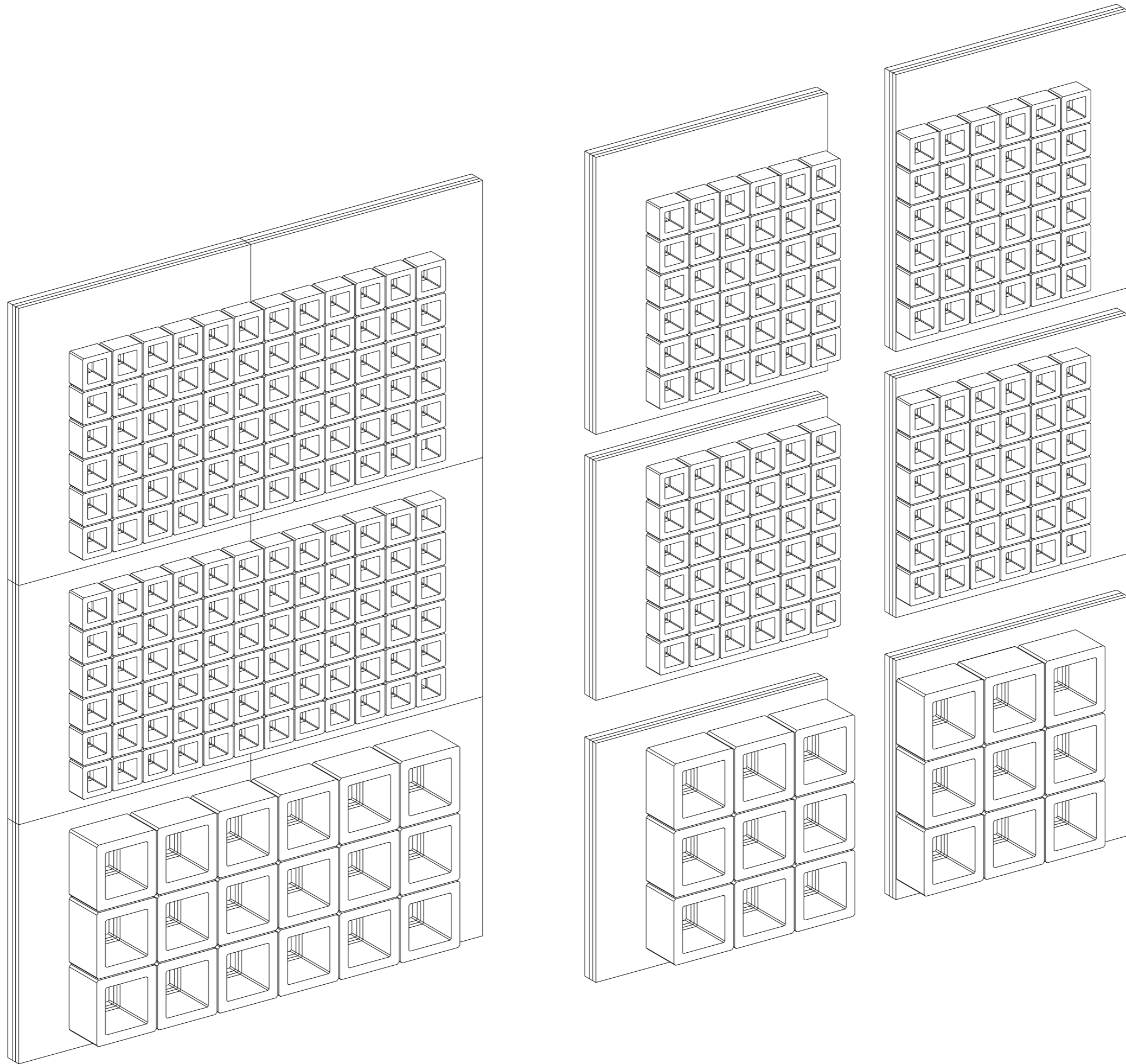
Foyer and lounge of the lifted functions

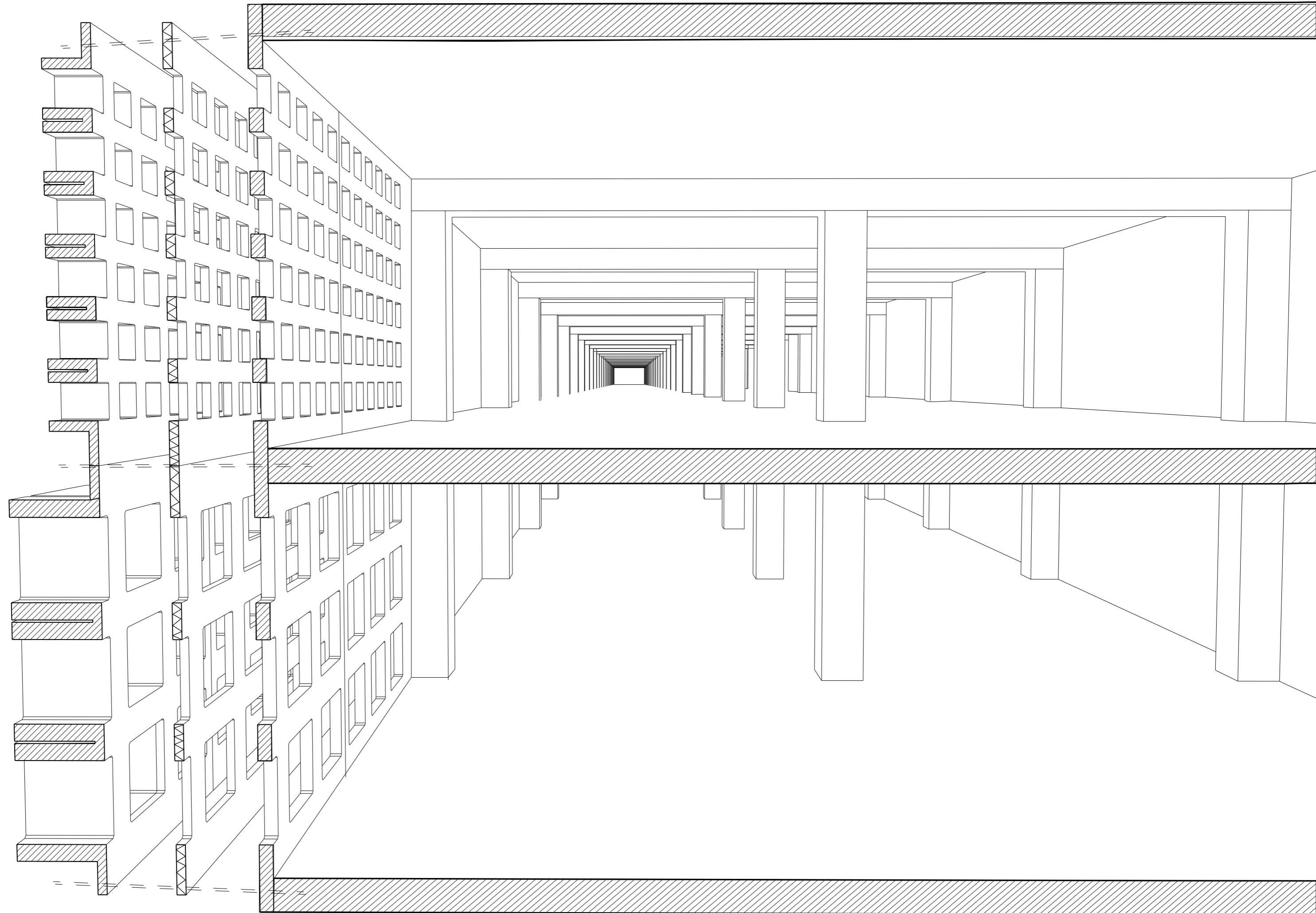
Student Organization and administration

Seminar room, Group study

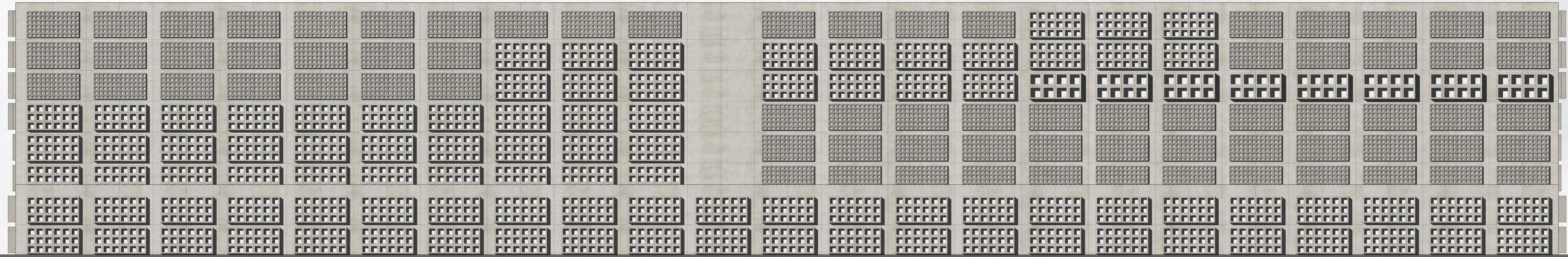
Stair Lounge to enjoy sun

Music Lounge, TV lounge

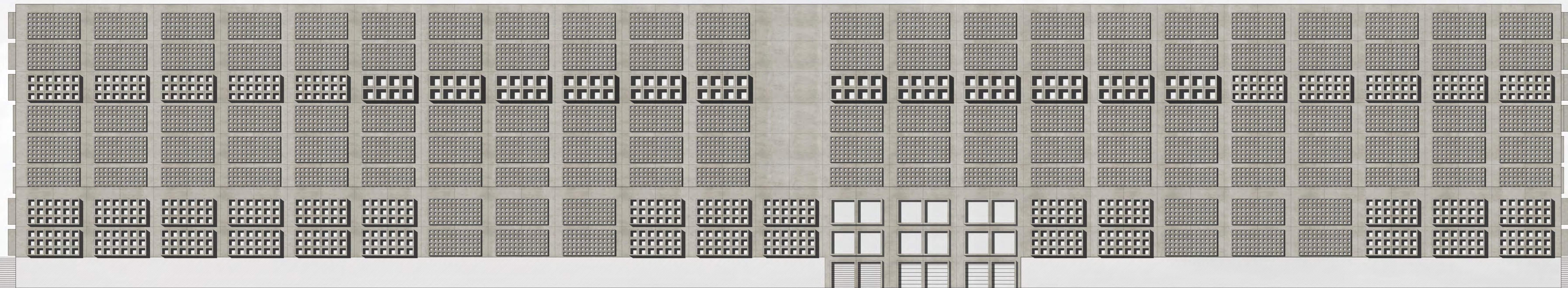




ELEVATION



SOUTHEAST ELEVATION 1:200

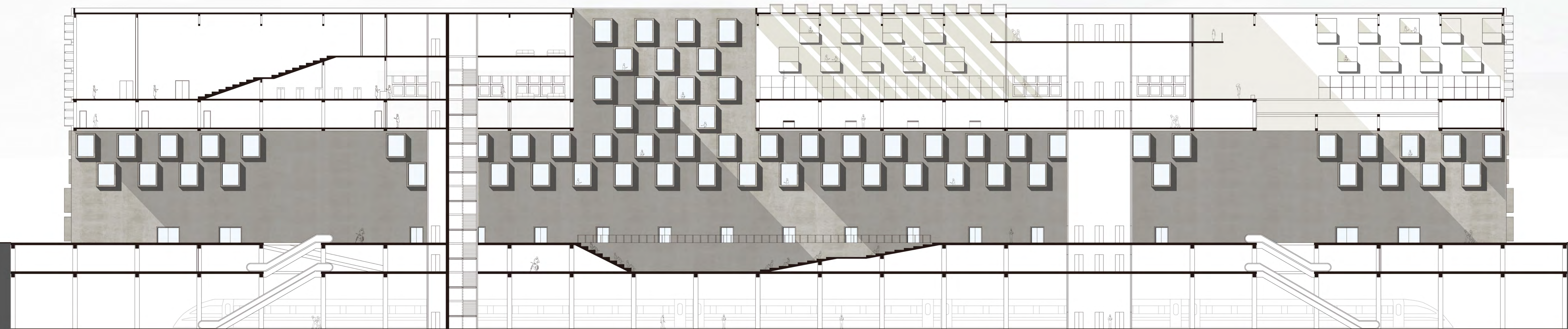
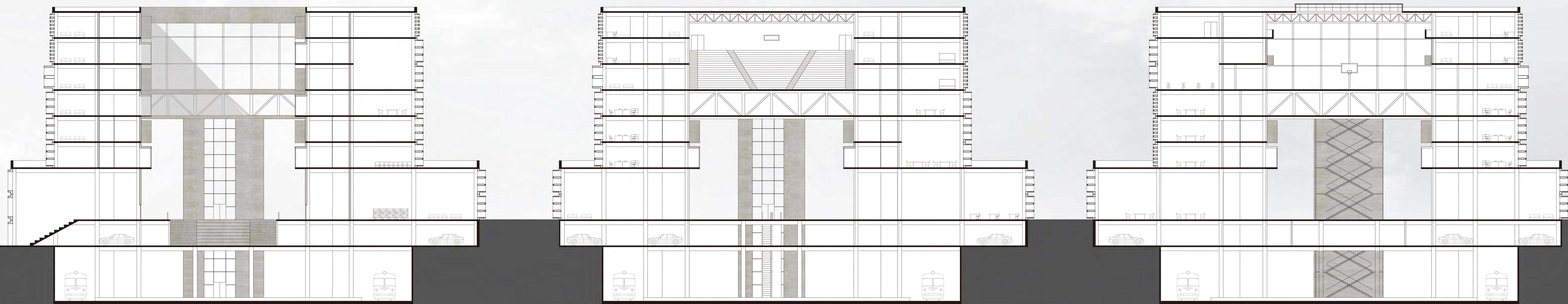


NORTHWEST ELEVATION 1:200



SOUTHWEST ELEVATION 1:200

NORTHEAST ELEVATION 1:200



-Urban Situation

-Position

-Urban Strategy

Inner city loop

-Site

Site condition

Site reconfiguration

Building Position

-Architectural Design

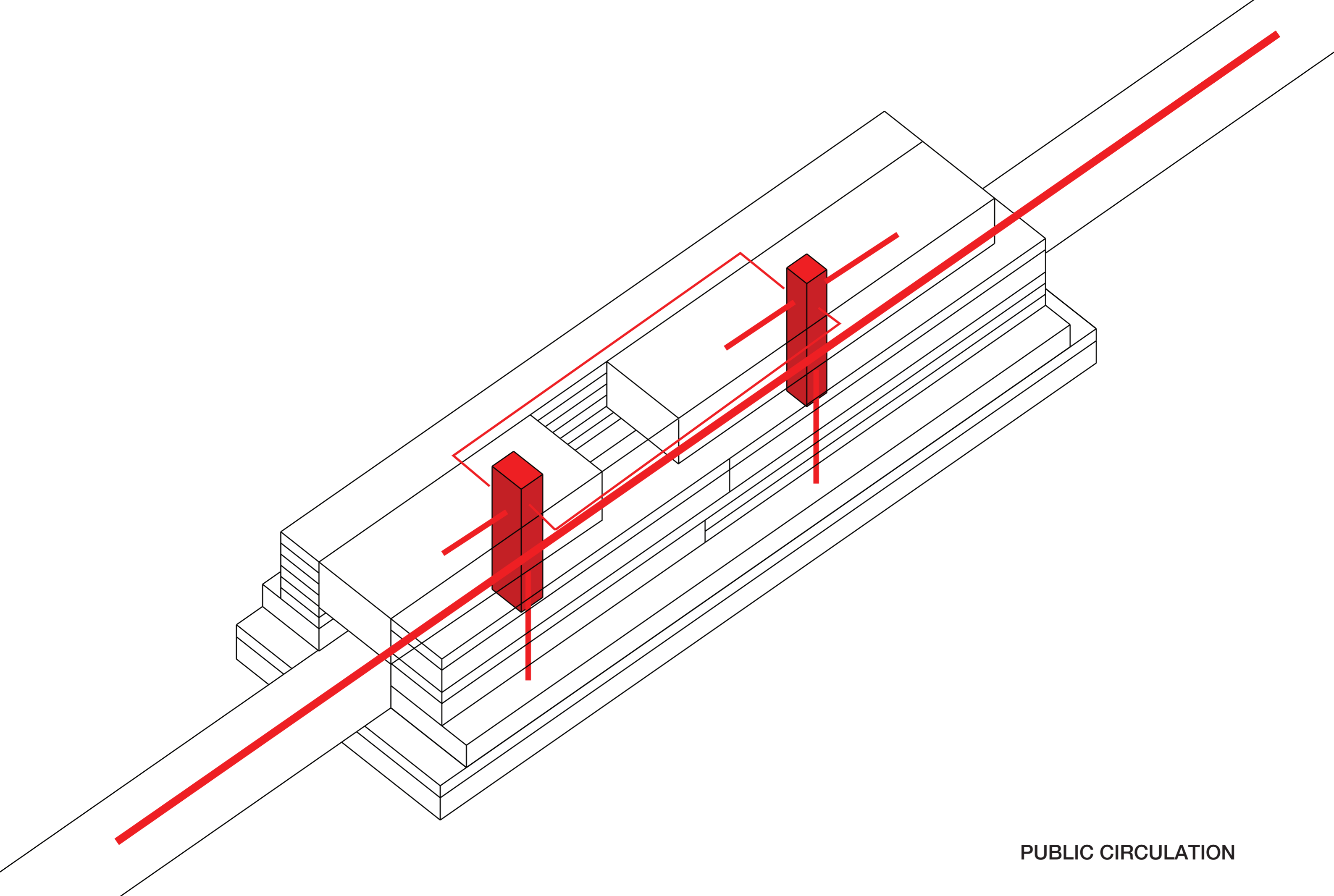
Programmatic

Concept

Composition

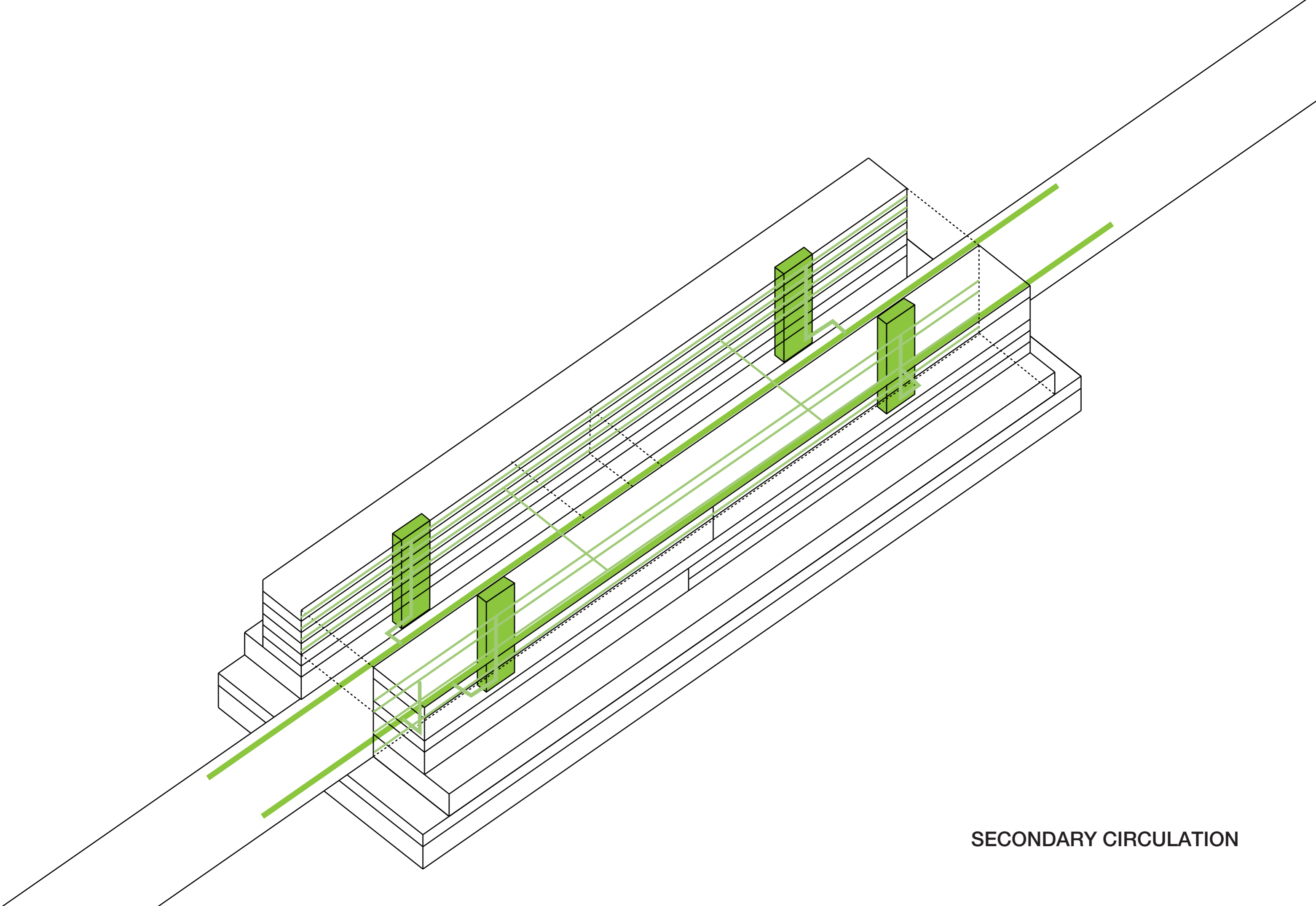
-Structure and Materialization

-Building Performance



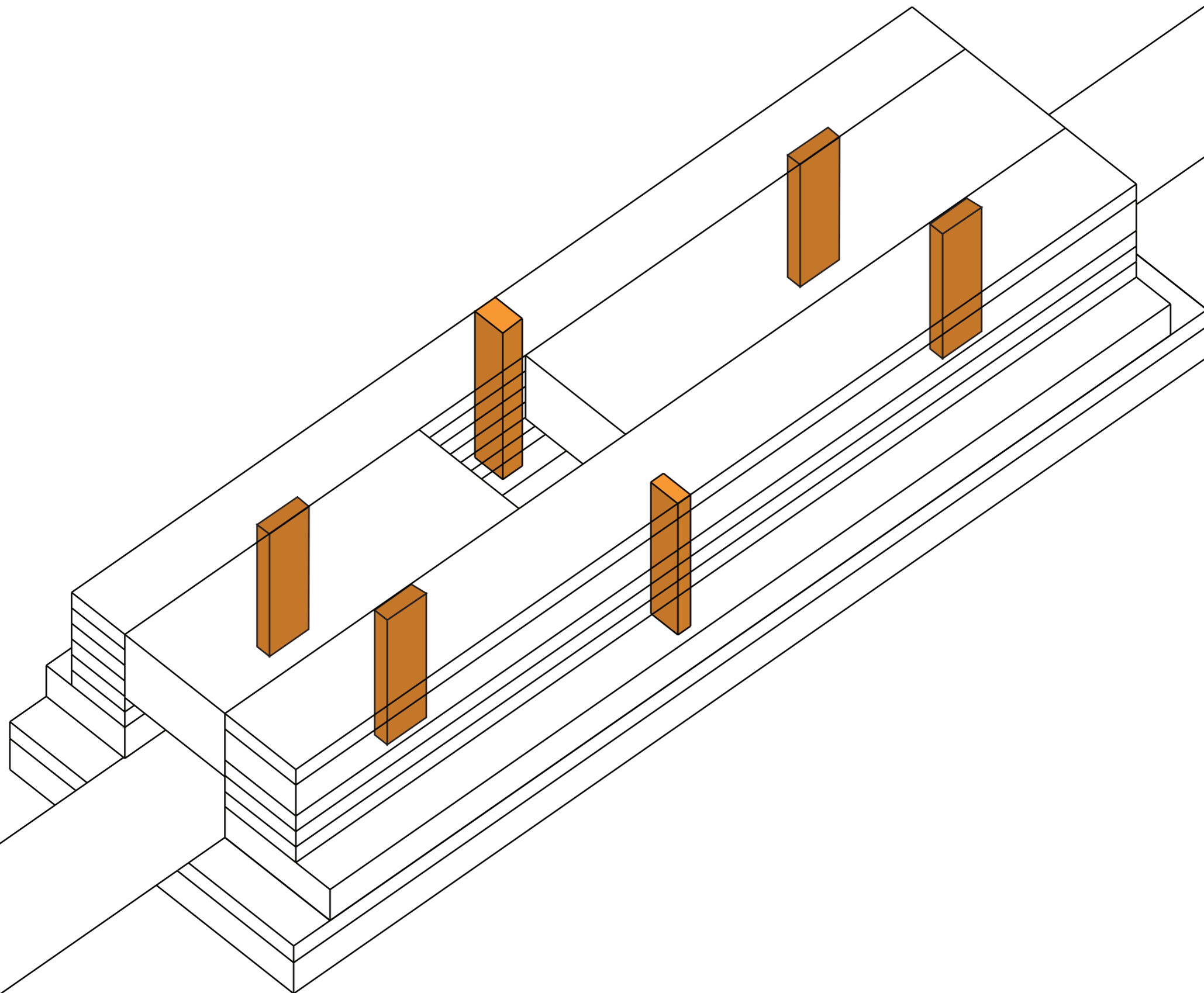
PUBLIC CIRCULATION

CIRCULATION

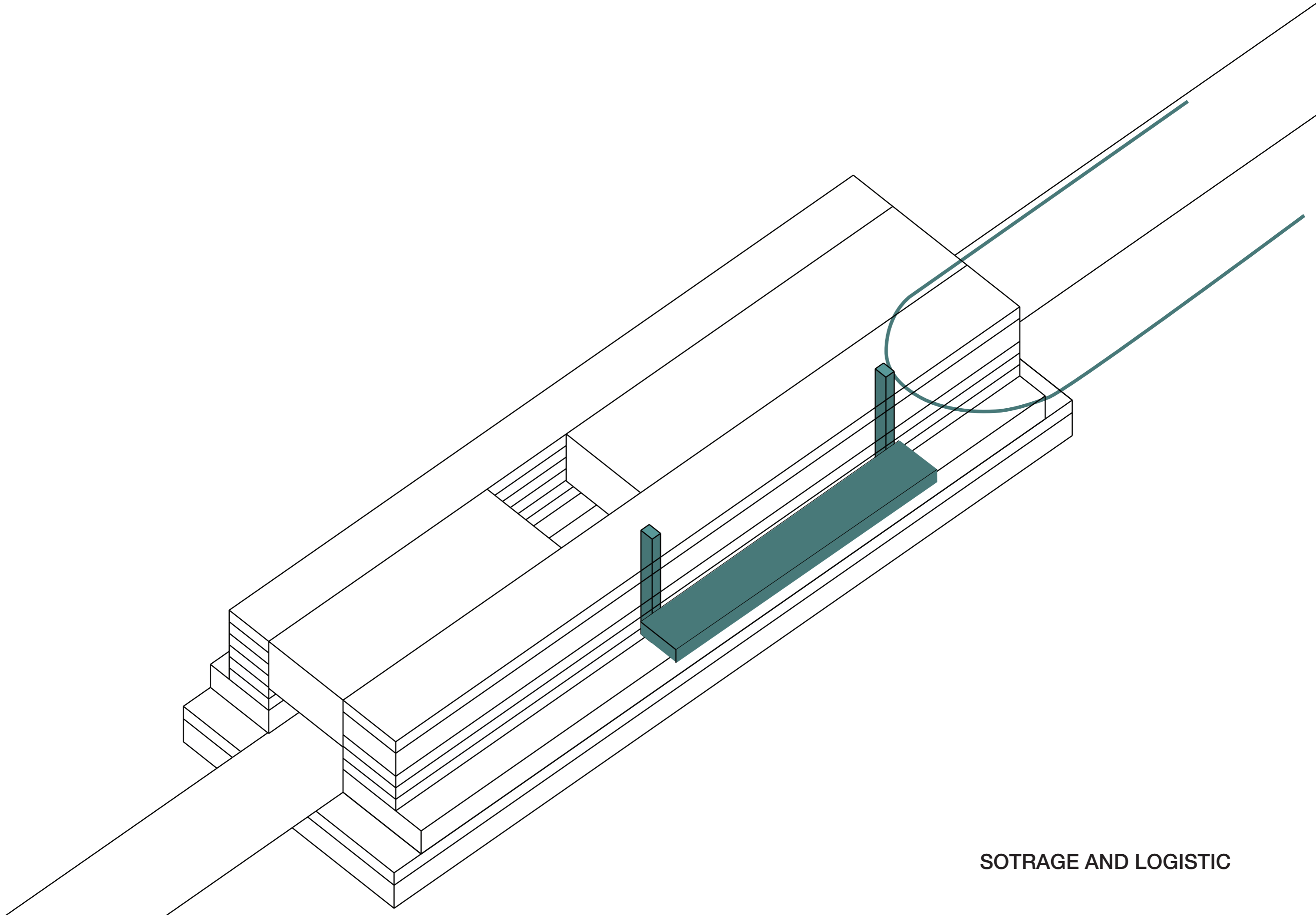


SECONDARY CIRCULATION

CIRCULATION

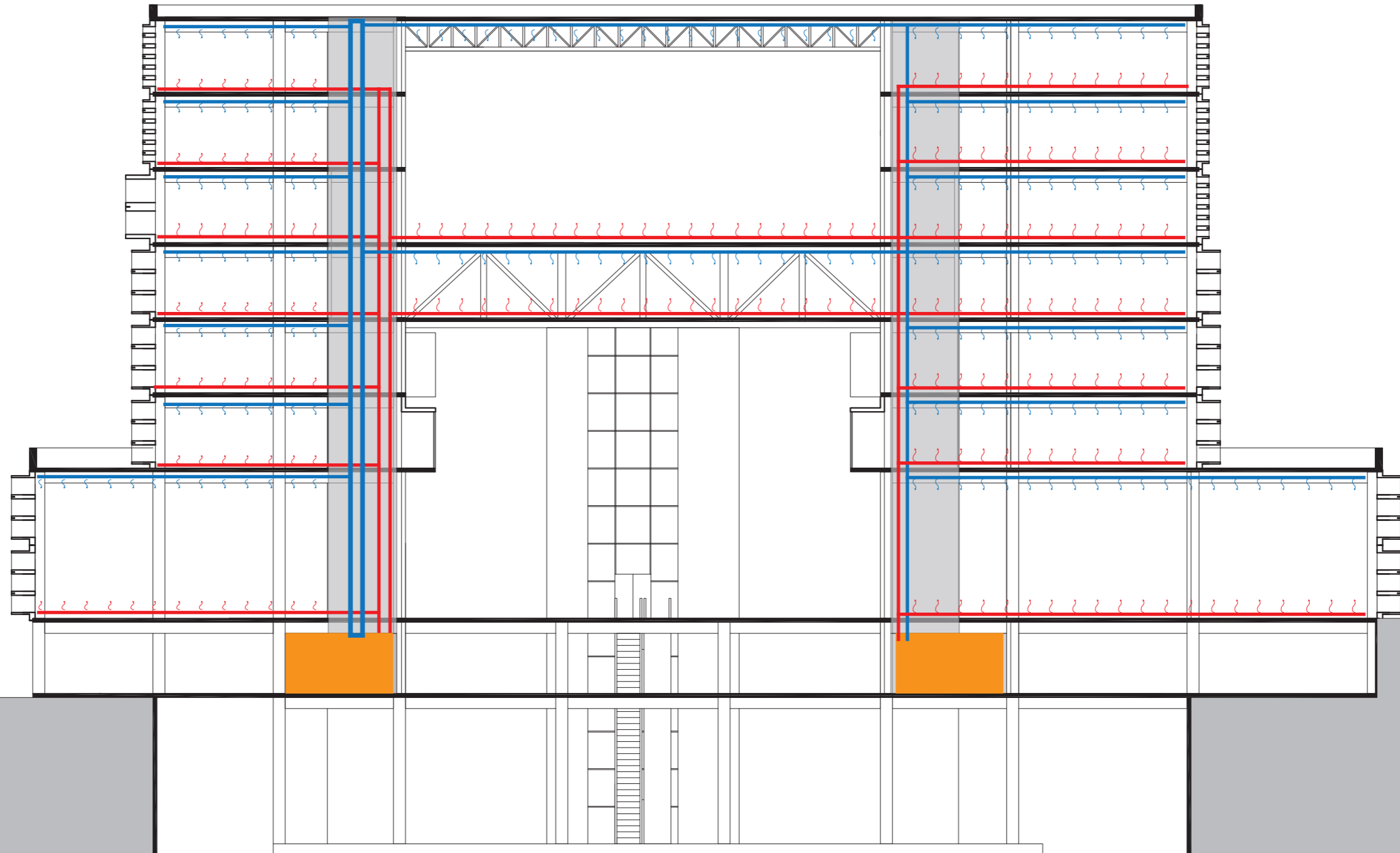


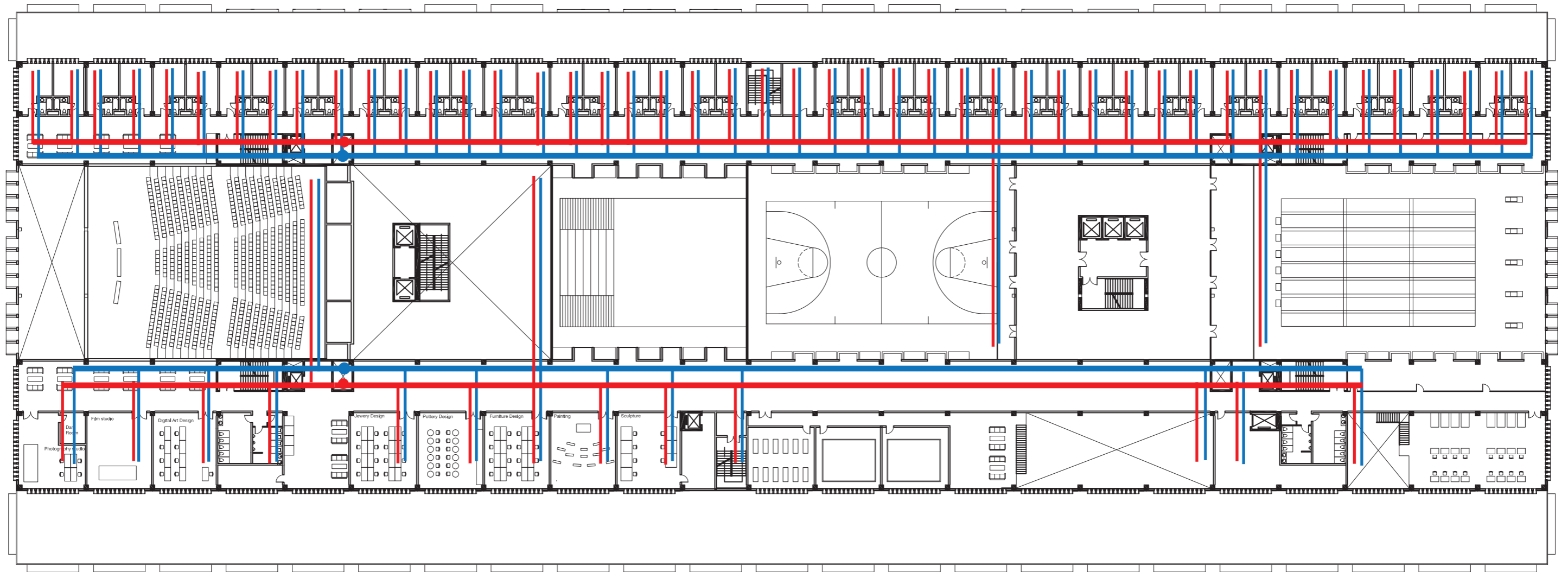
ESCAPE ROUTE



SOTRAGE AND LOGISTIC

CIRCULATION

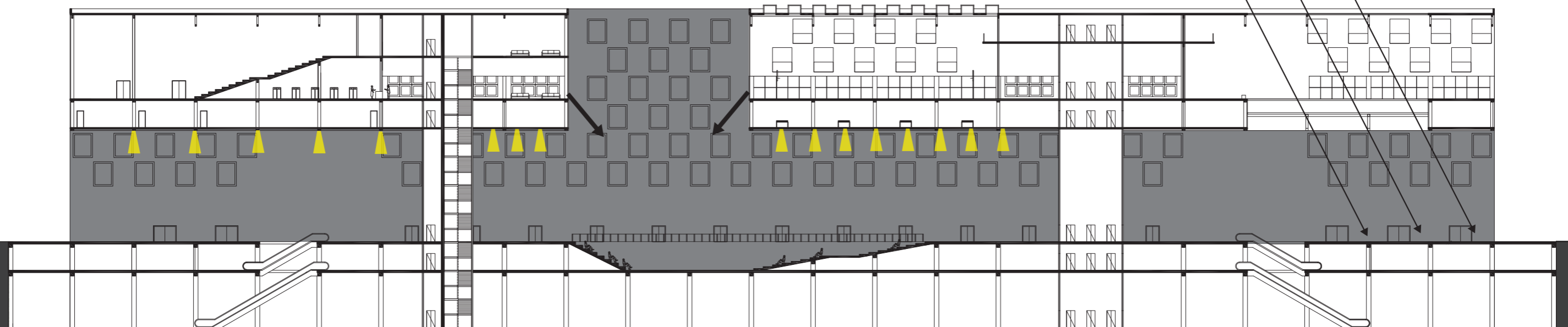




Lecture Hall

Basketball court

Glass bottom Swimming Pool



Lecture Hall

Basketball court

Glass bottom Swimming Pool

