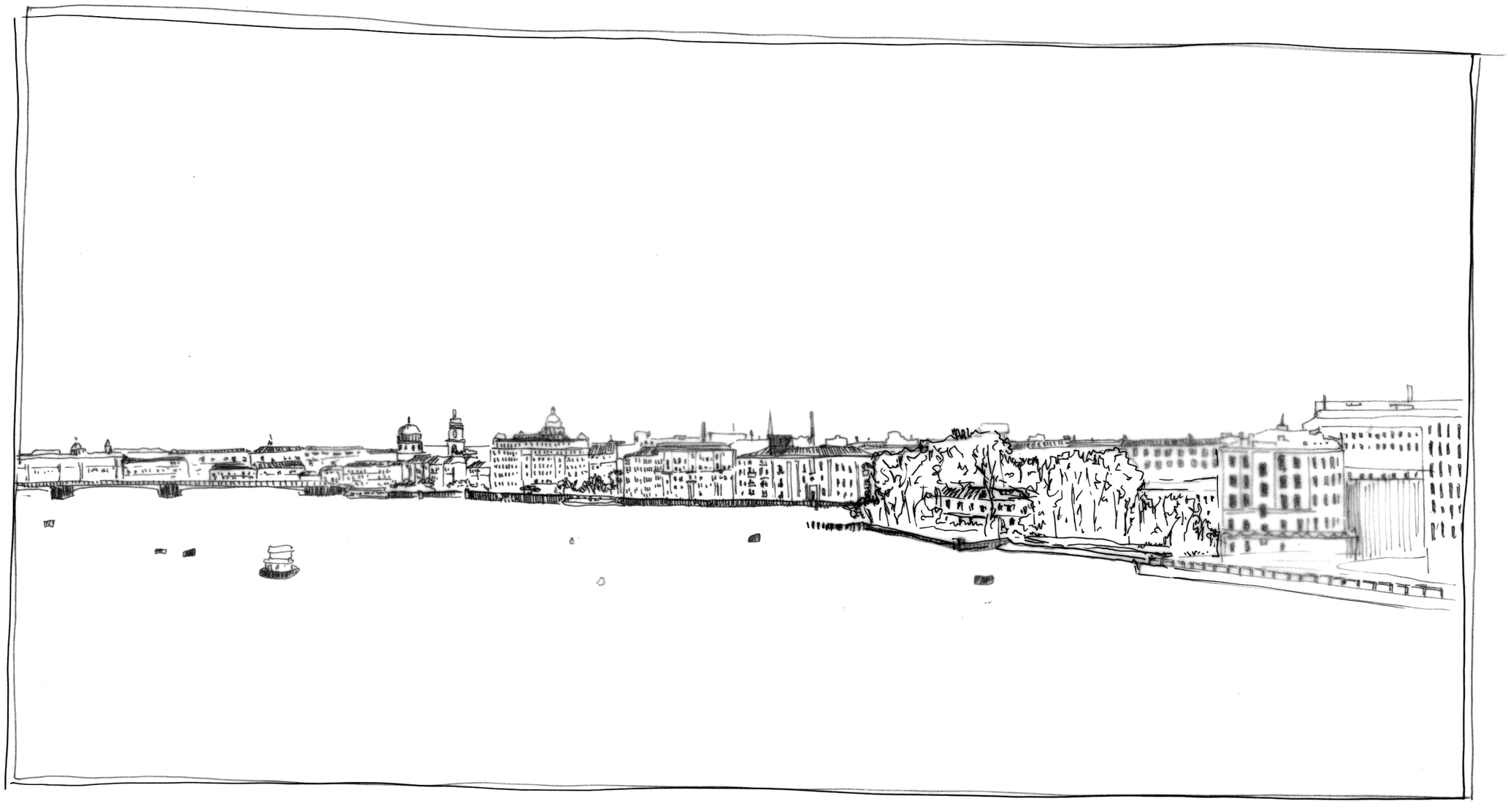
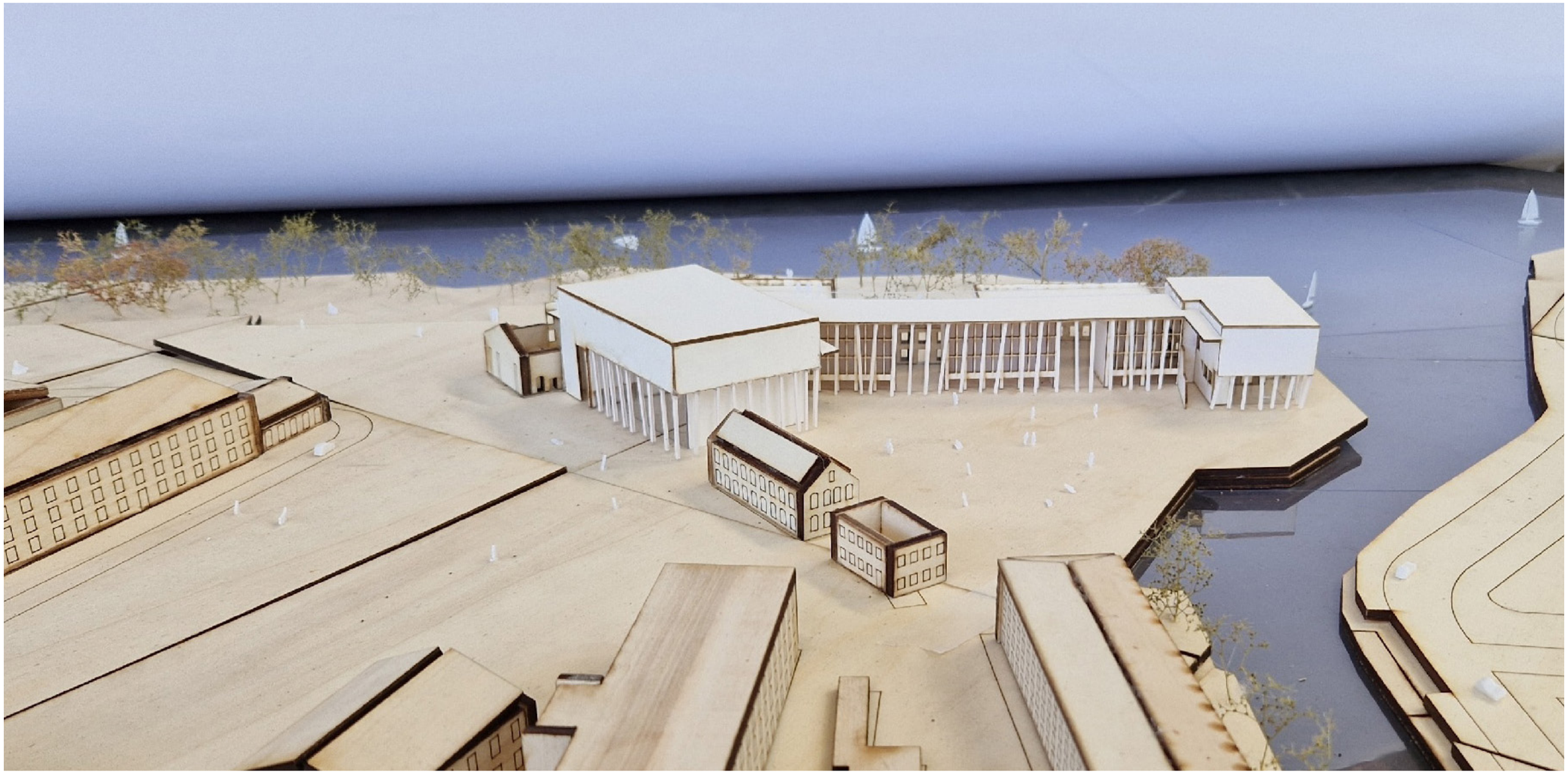
BRIDGES

Anna Shishkina

MSC Architetcure, Urbanism
and Bulding Science
Architecture Track



BRIDGES



Context
What you see

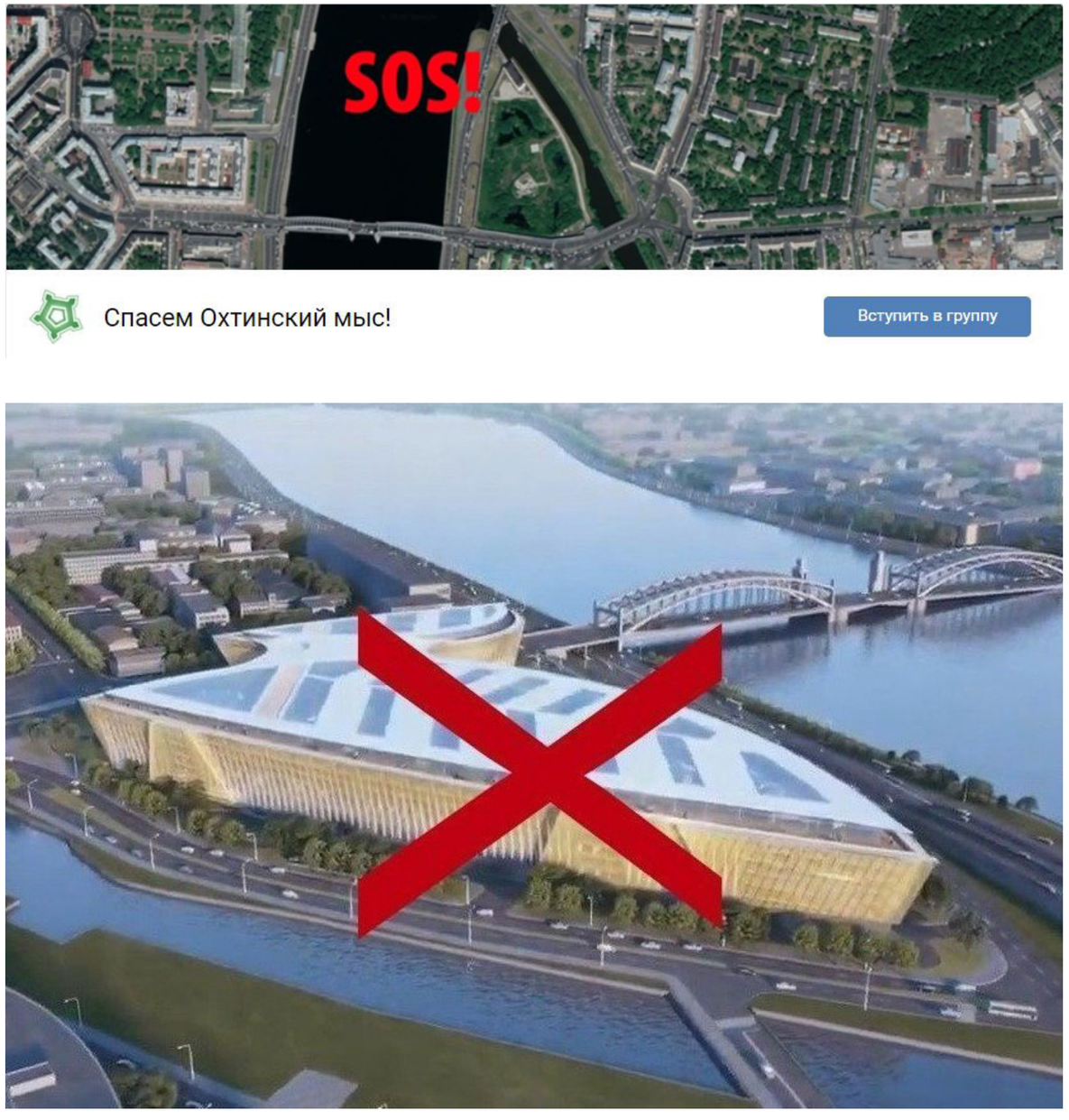
Context
What you do not see

Context
What is built

"The difference between architecture in Saint Petersburg and the rest of the world is close to the difference between a personal computer of the 1980s and a modern laptop"

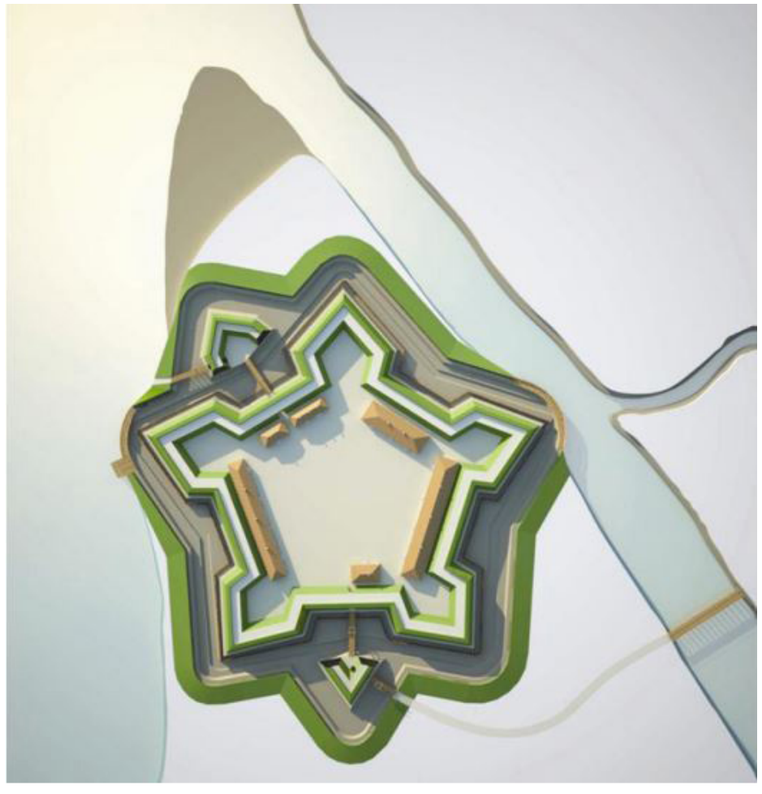
Maria Elkina

Context
Concervaticce opposition



Concervative views of the citisens of Saint Petersburg lead the architecture of the city to decay and causes stagnation of architecture development.

Okhta Center Project

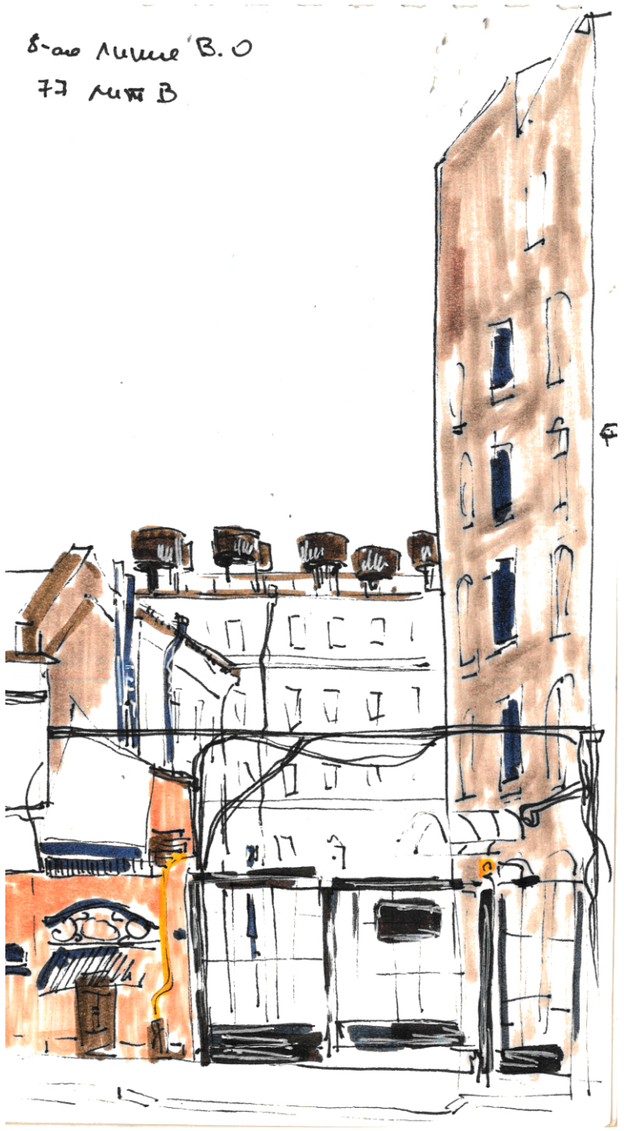


Melnikova E.V
A Project of Historical Archeology museum on Okhta Cape

Research
Question

Which methods can influence the discussion about applying contemporary architecture in historically important areas of the city of Saint Petersburg?

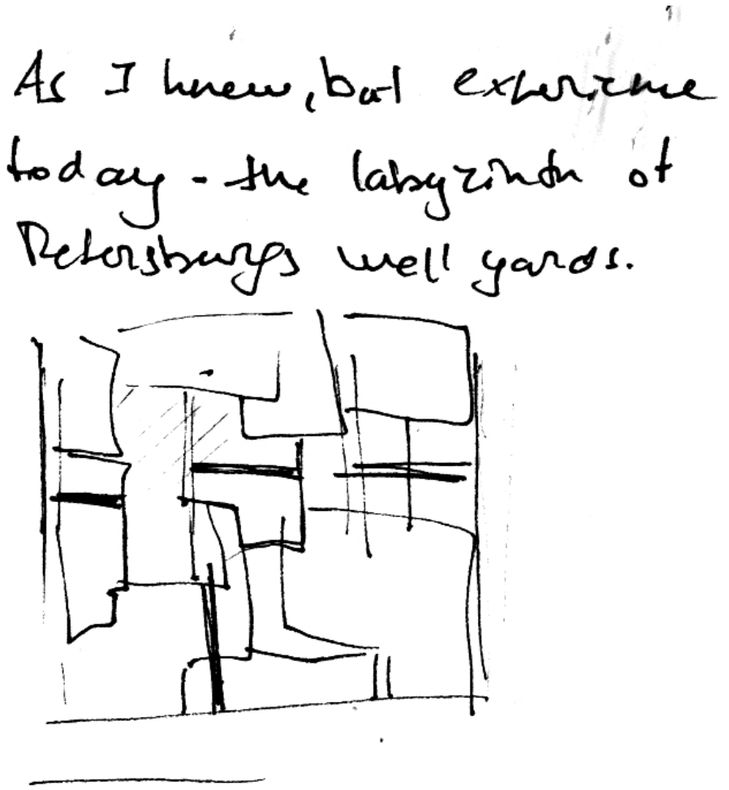
On Site research
Values



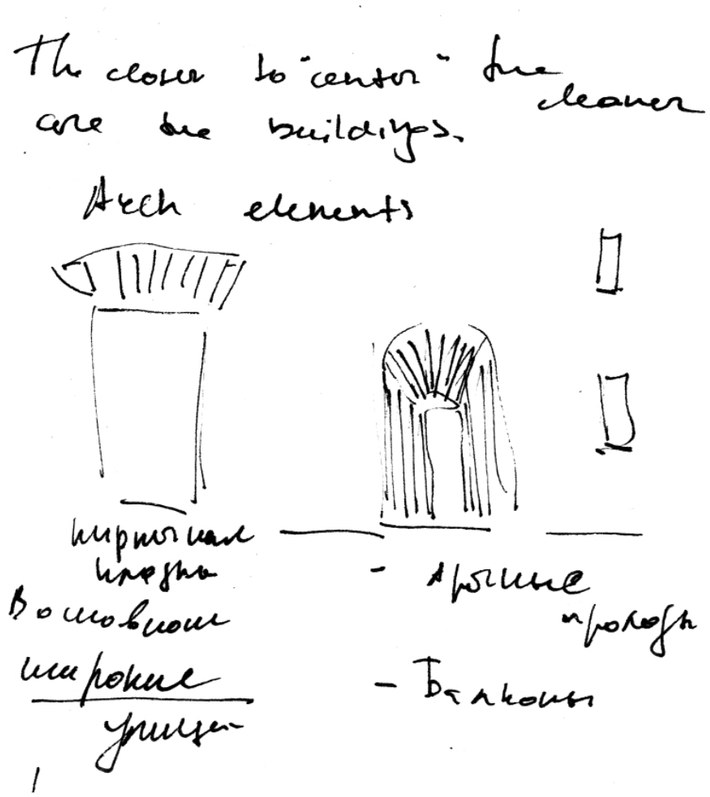
The “hidden city”

The curent state of arhcitetcure

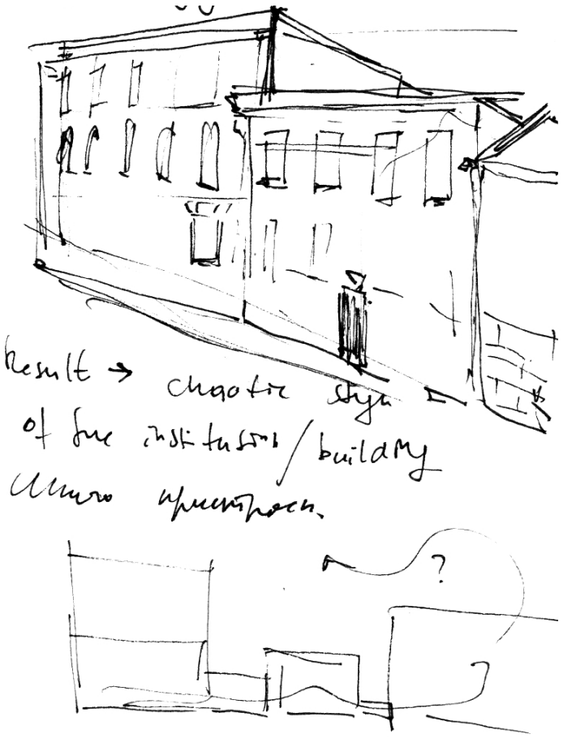
Atmpospheres of the city



Well yards structures and relations



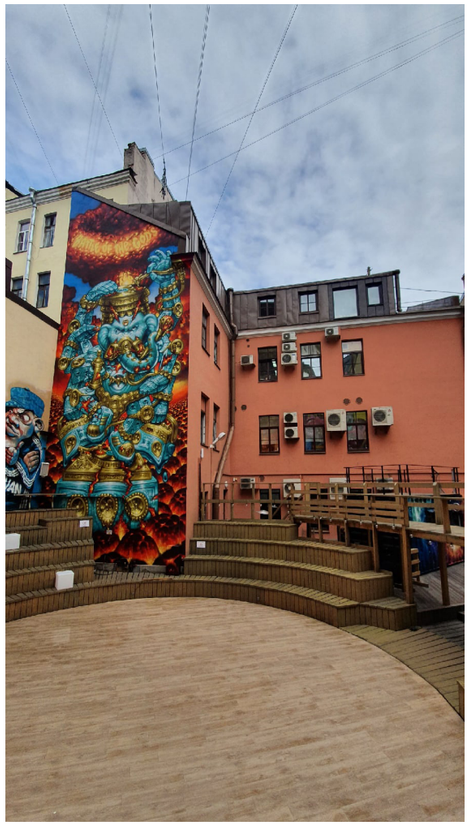
Common architetcure elements



Expansion of single buildings beyond their borders

On Site research
Developing Values

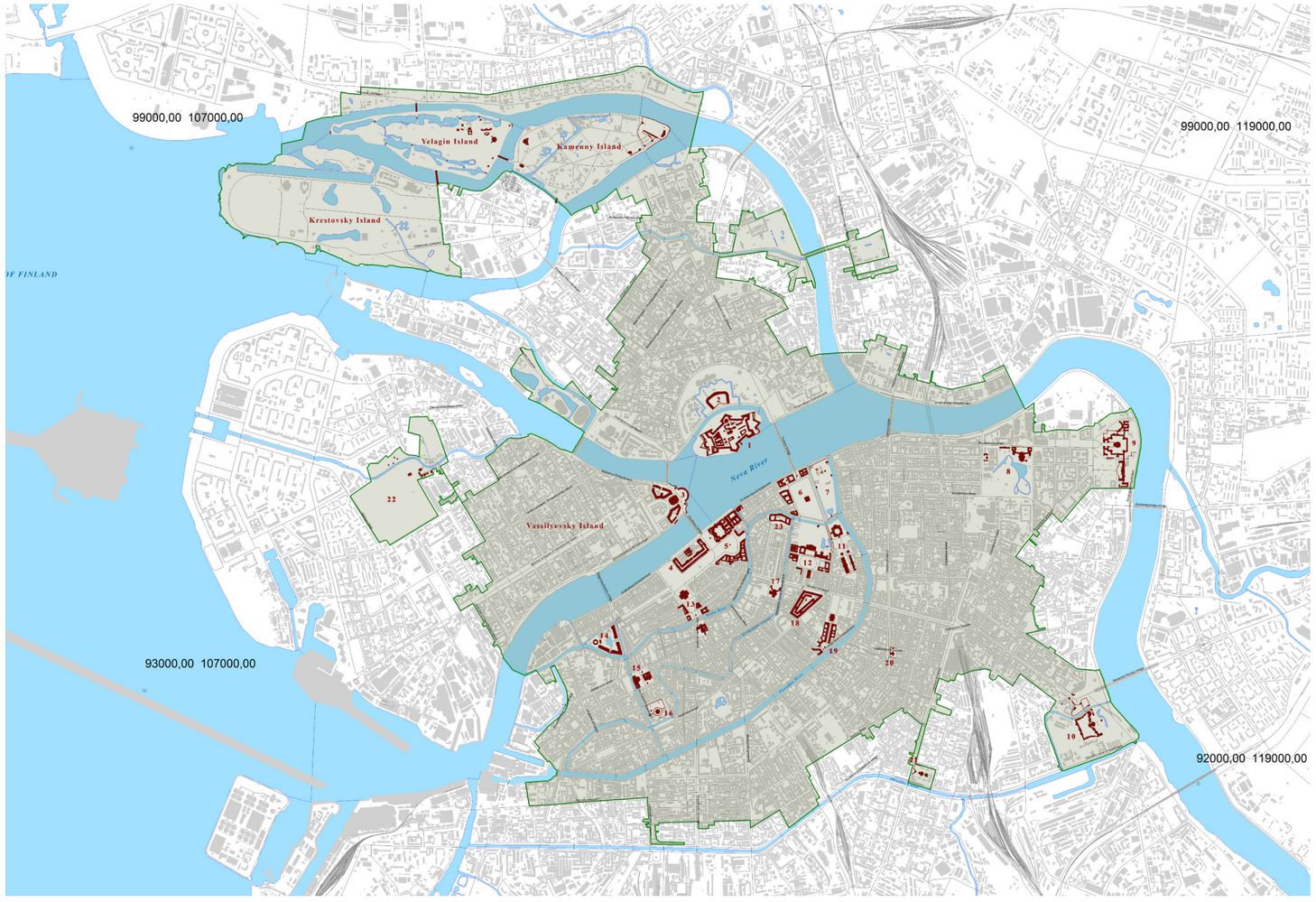
Hidden in the well yards



Using local elements

Taking advantages of abandoned

Context
Historic restrictions



UNESCO protected heritage
“Historic Center of Saint Peterburg and Related groups f monuments”

Height restrictions in the city today

Research
Processes

Architecture production

PEOPLE (actors)	TECHNOLOGY (avaliable)	ENVIRONMENT (spaces)
Architects - project architects - city achitects Engineers Investors Governmental structures Contractors Clients	Archietcture/ engineering software Theoretical knowledge	Architecture offices Building site Architecture univercities Governmental institutions

Architecture of Saint Petersburg is a very enclosed circle of certain architects.

The circle excludes possibilities of large scale foreign influence.

This tendency results into the conservativeness of the cities` architecture without inflow of new ideas and concepts.

Buildig production

PEOPLE (actors)	TECHNOLOGY (avaliable)	ENVIRONMENT (spaces)
Enginees Builders Contractors Investors Clients	Machinery Materials (+ material production) - export - import Crafstmnship	Building site Architecture officies

Some buildings even in good condition are getting demolished by the governmental authorities

This creates a negative view of citizens towards the construction in the historic city center

In the process of building the neighboring houses often get damaged – protection of them is very poor form the building side

Living Culture

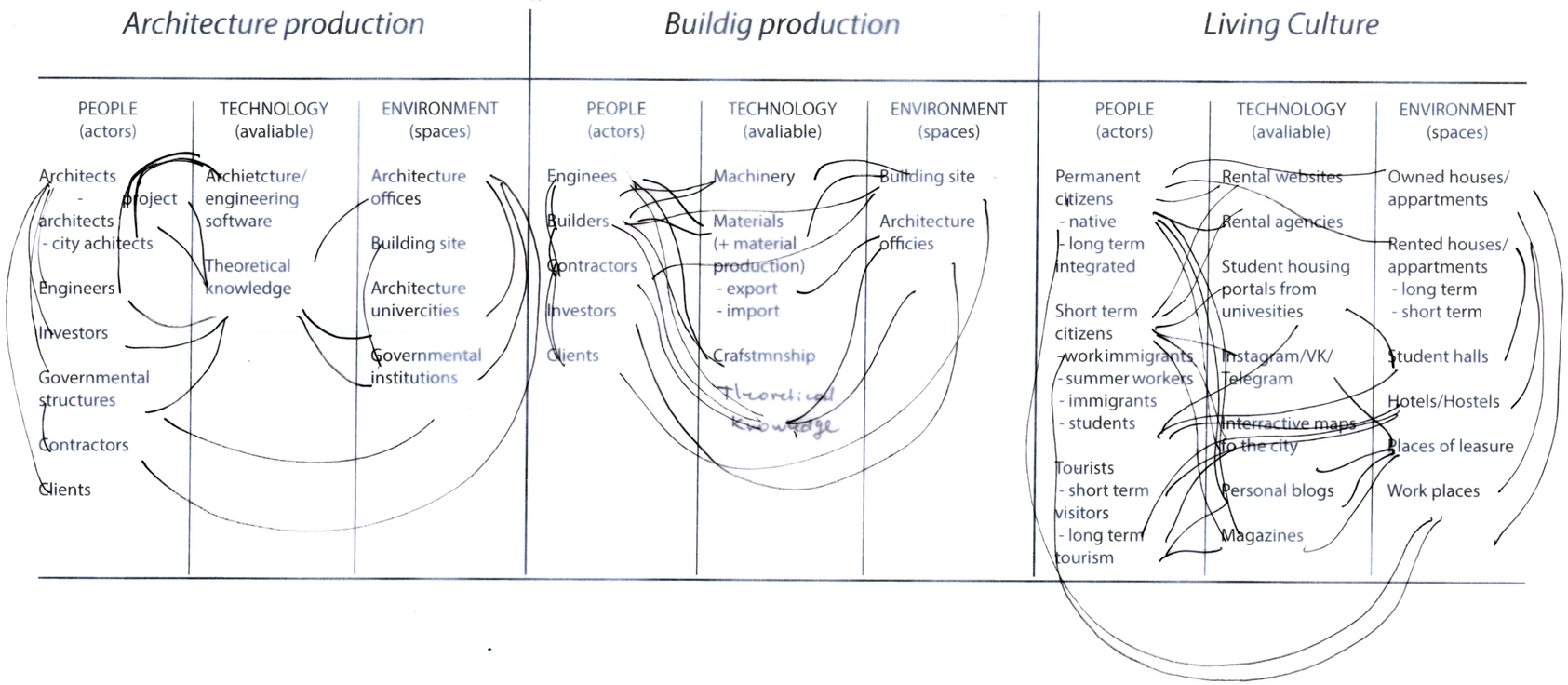
PEOPLE (actors)	TECHNOLOGY (avaliable)	ENVIRONMENT (spaces)
Permanent citizens - native - long term integrated Short term citizens - work immigrants - summer workers - immigrants - students Tourists - short term visitors - long term tourism	Rental websites Rental agencies Student housing portals from univesities Instagram/VK/ Telegram Interractive maps fo the city Personal blogs Magazines	Owned houses/ appartments Rented houses/ appartments - long term - short term Student halls Hotels/Hostels Places of leasure Work places

The majority of coming students stay in the city afterwards for work

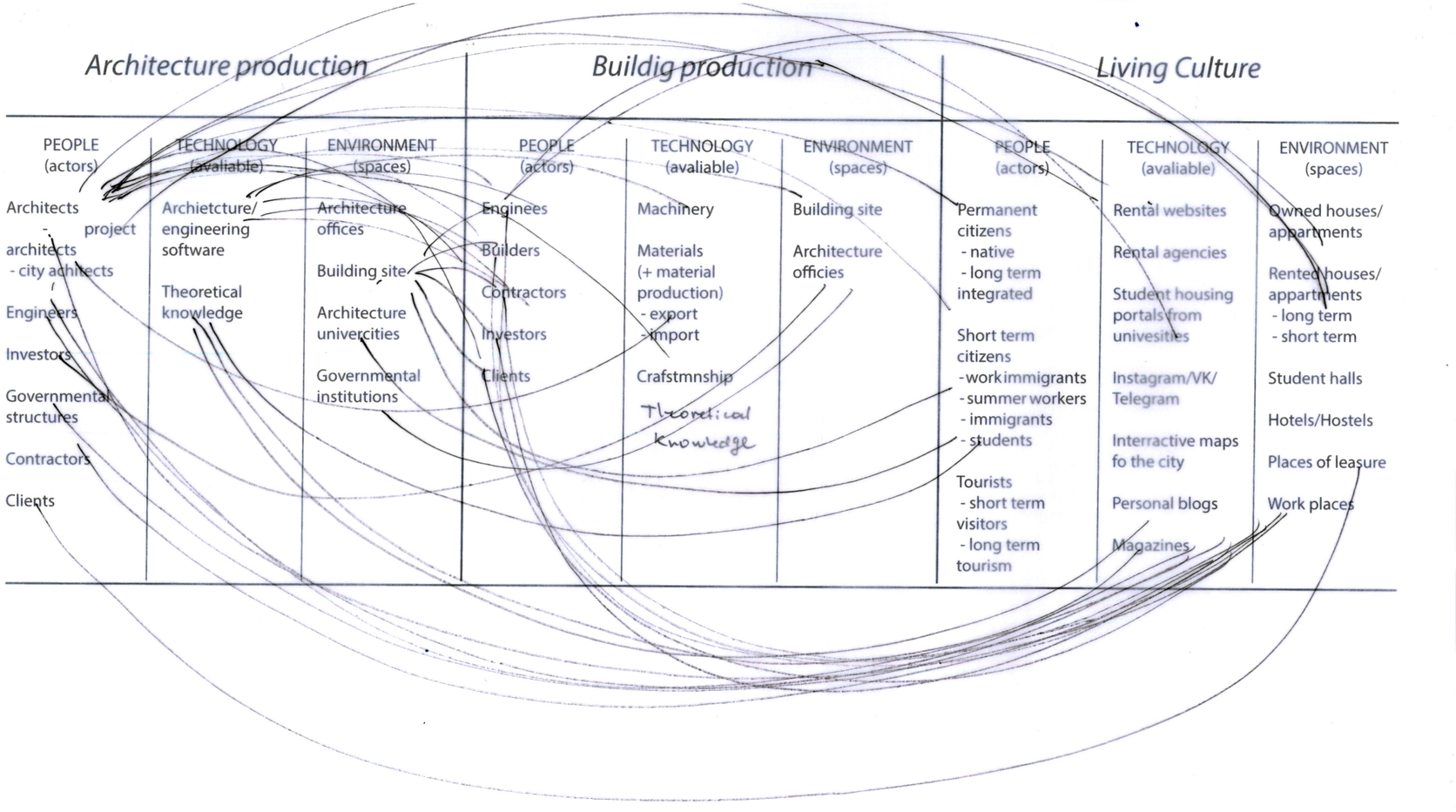
Often not local students have problems with integration, since they are seen as foreigners

Local people can be very arrogant towards the way we live in the city, spend our leisure time and value our home

Inside links

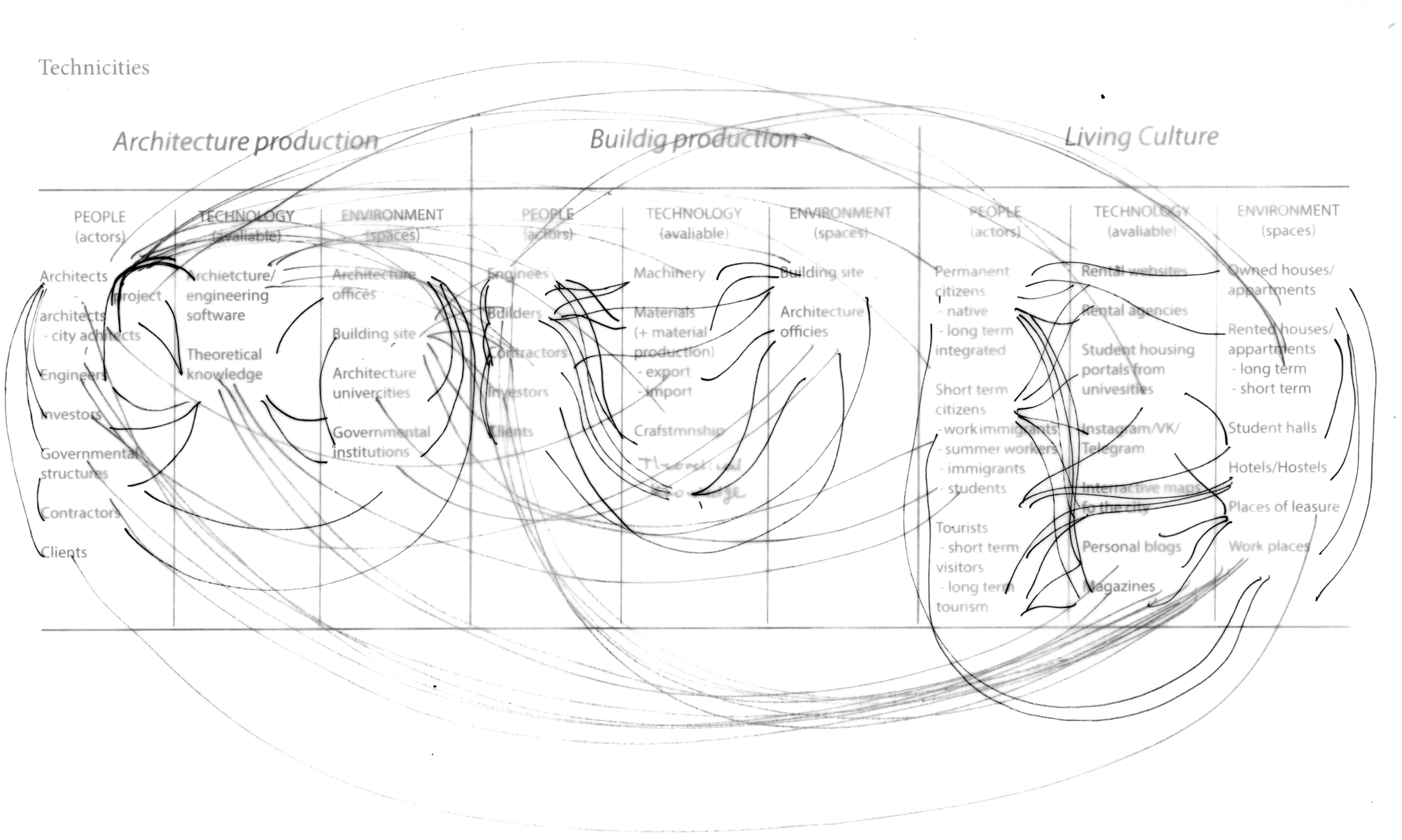


In-between links



Links

Technicities



Architecture production

PEOPLE (actors)	TECHNOLOGY (avaliable)	ENVIRONMENT (spaces)
Architects - project architects - city achitects	Archietcture/ engineering software	Architecture offices
Engineers	Theoretical knowledge	Building site
Investors		Architecture univercities
Governmental structures		Governmental institutions
Contractors		
Clients		

Buildig production

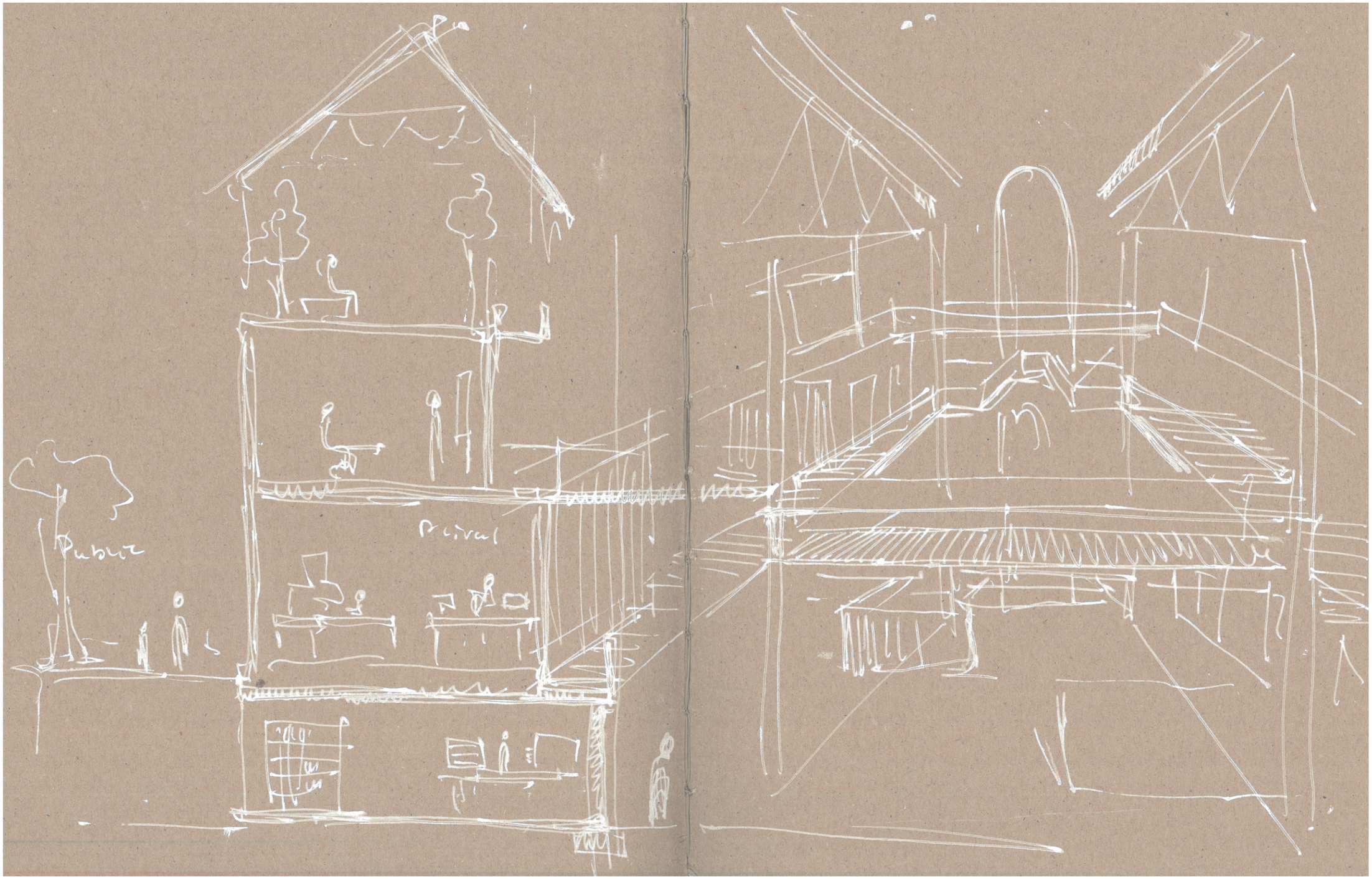
PEOPLE (actors)	TECHNOLOGY (avaliable)	ENVIRONMENT (spaces)
Enginees	Machinery	Building site
Builders	Materials (+ material production) - export - import	Architecture officies
Contractors		
Investors	Crafstmnship	
Clients	Theoretical knowledge	

Living Culture

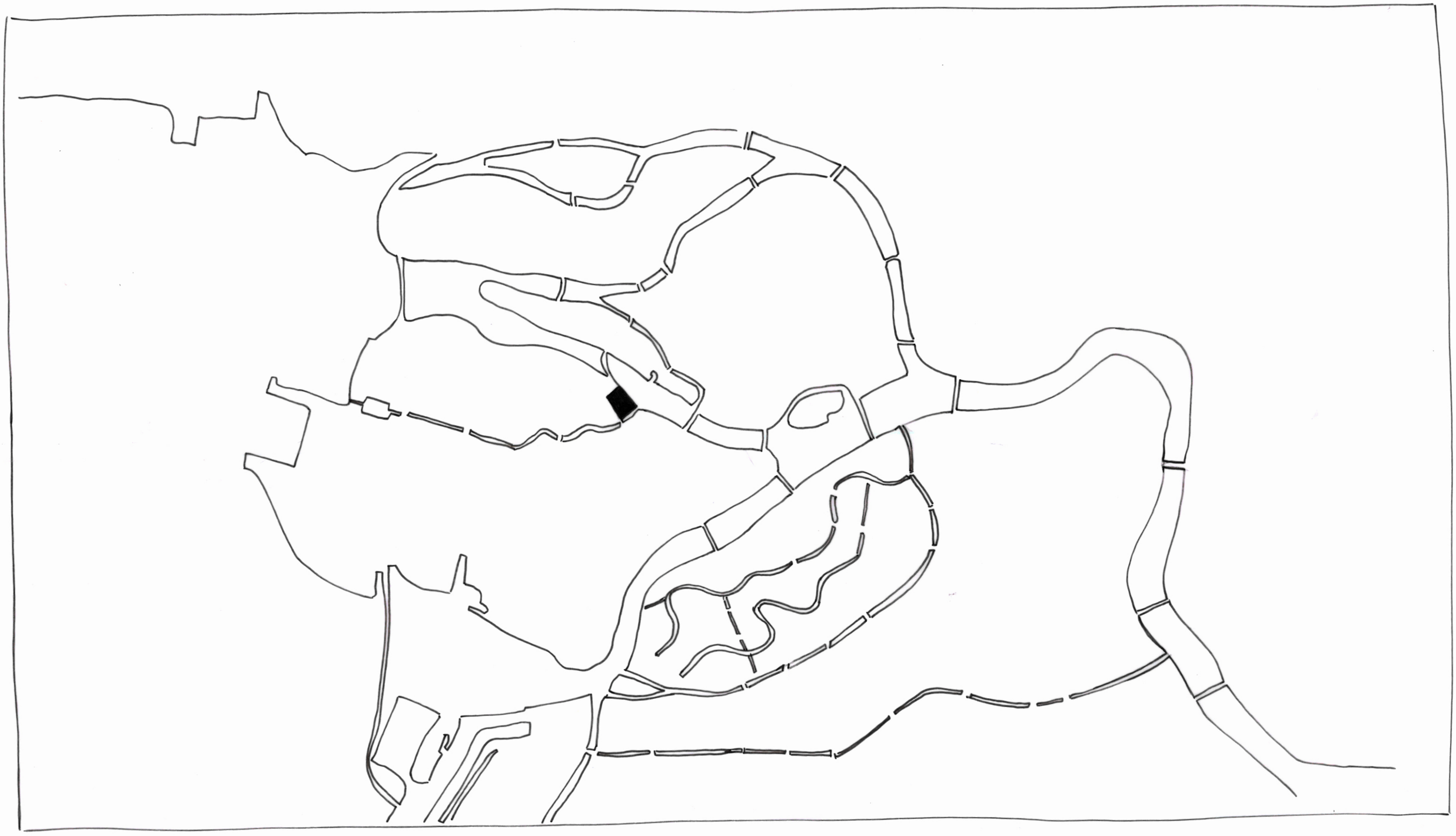
PEOPLE (actors)	TECHNOLOGY (avaliable)	ENVIRONMENT (spaces)
Permanent citizens - native - long term integrated	Rental websites	Owned houses/ appartments
	Rental agencies	Rented houses/ appartments - long term - short term
Short term citizens - work immigrants - summer workers - immigrants - students	Student housing portals from univesities	Student halls
	Instagram/VK/ Telegram	Hotels/Hostels
	Interractive maps fo the city	Places of leasure
Tourists - short term visitors - long term tourism	Personal blogs	Work places
	Magazines	

Opening up Architectural Academia to the wider public can help the citizens of Saint Petersburg to understand the processes behind architecture making and make the first steps towards overcoming conservative views about applying contemporary architecture in the historic areas of the city

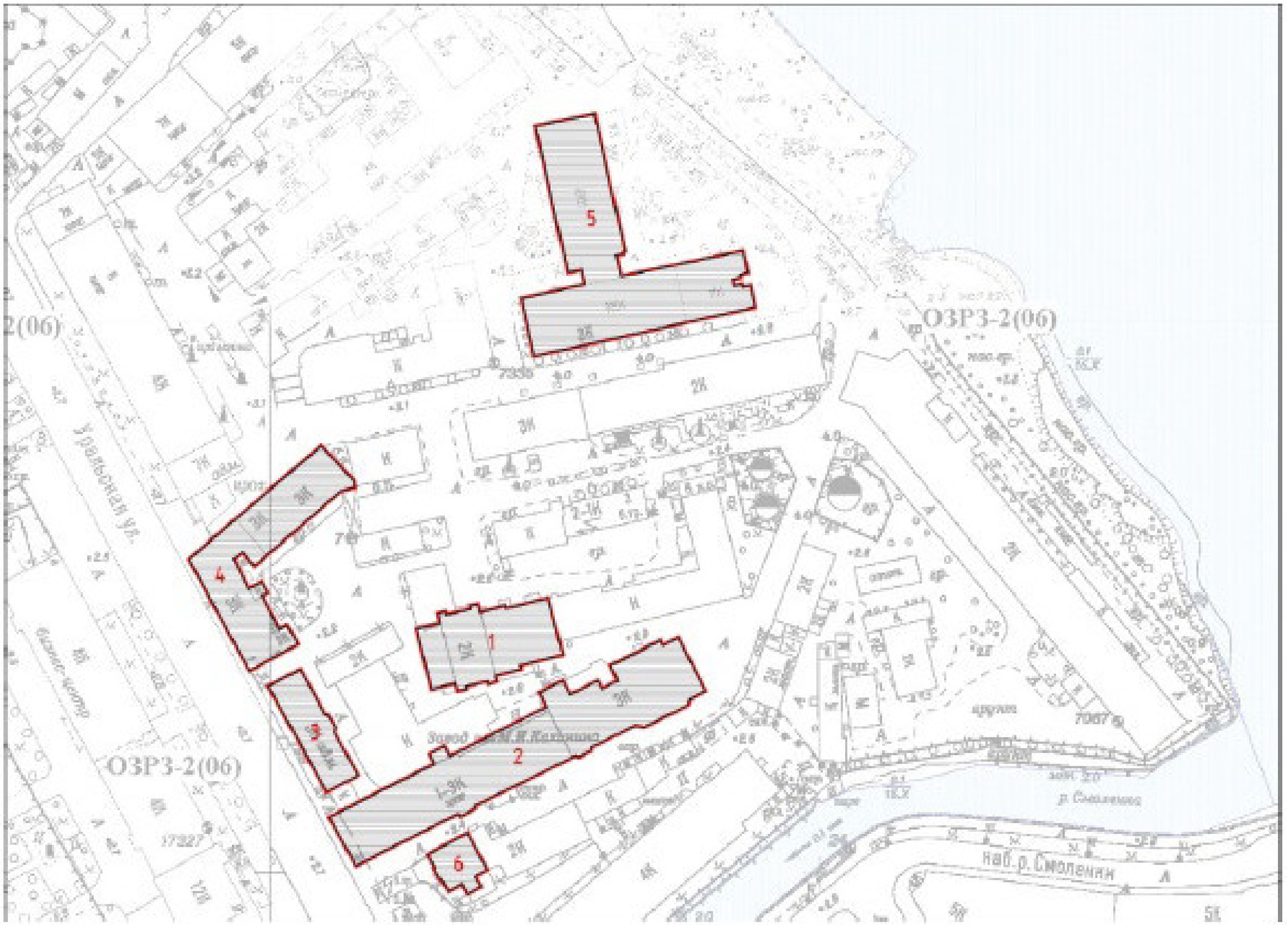
First Inspiration



Site

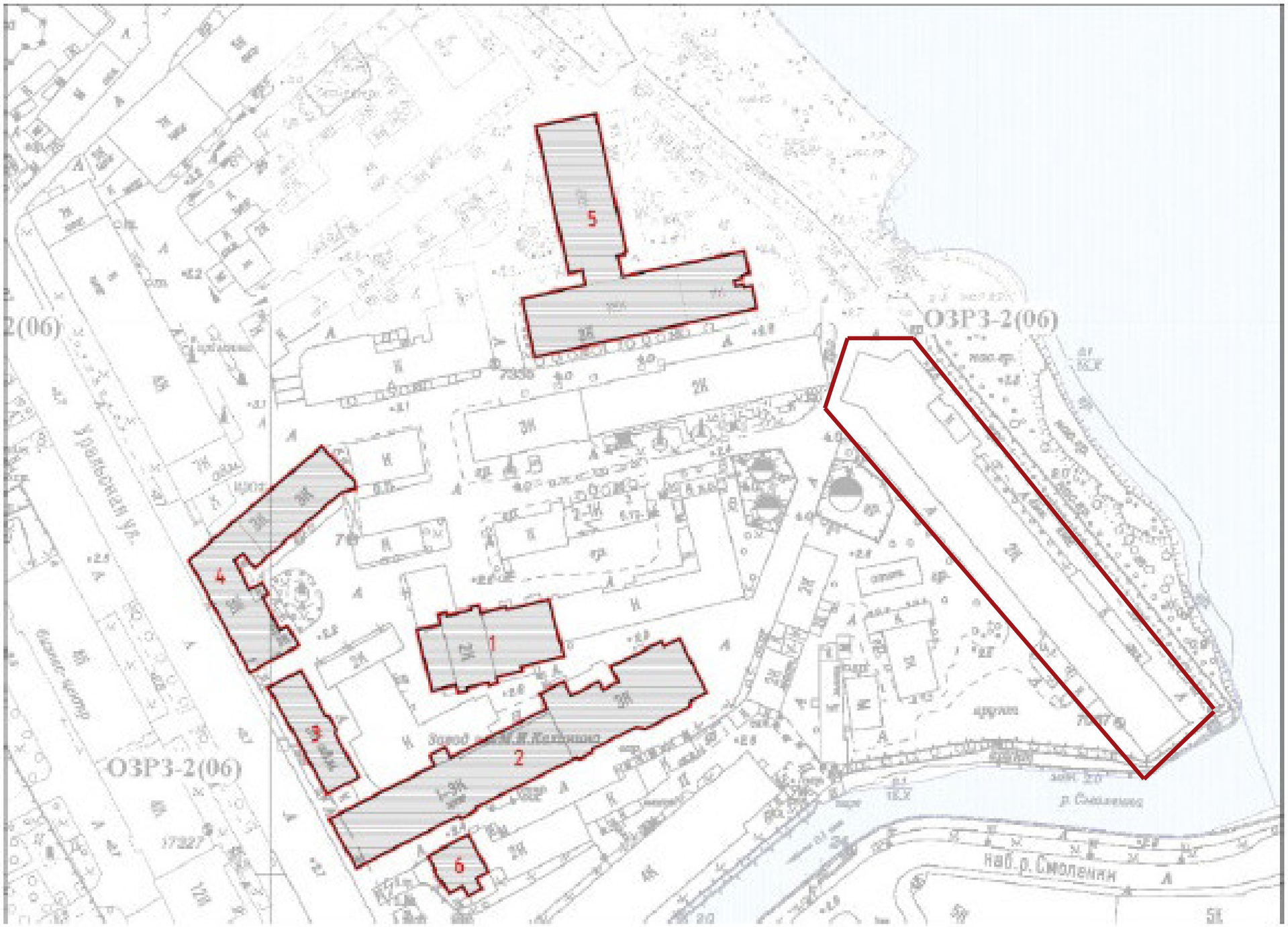


Site context

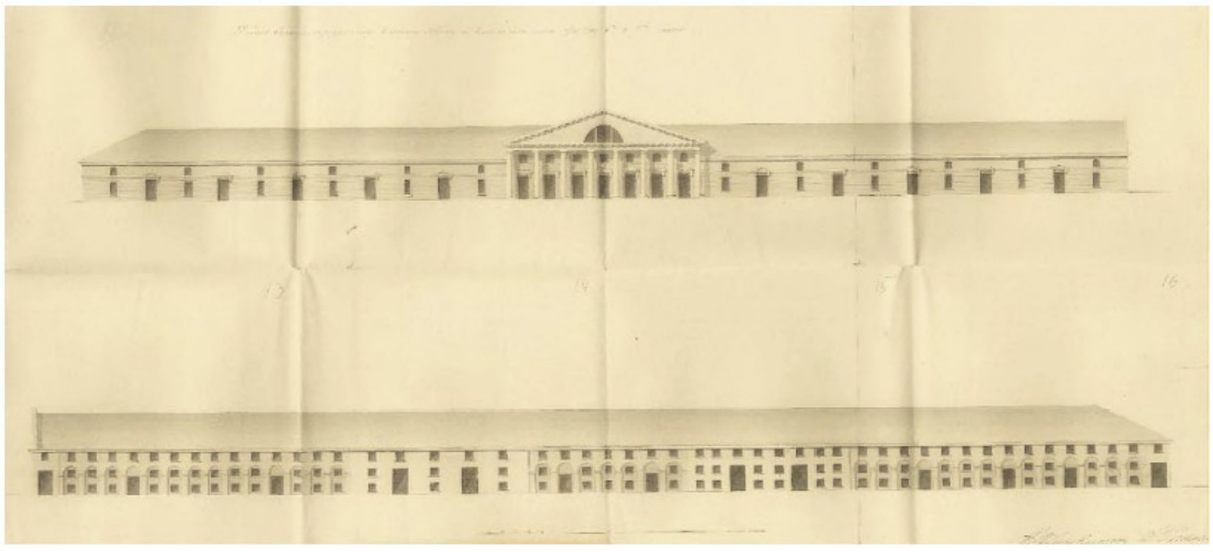


Site current

Site challenge

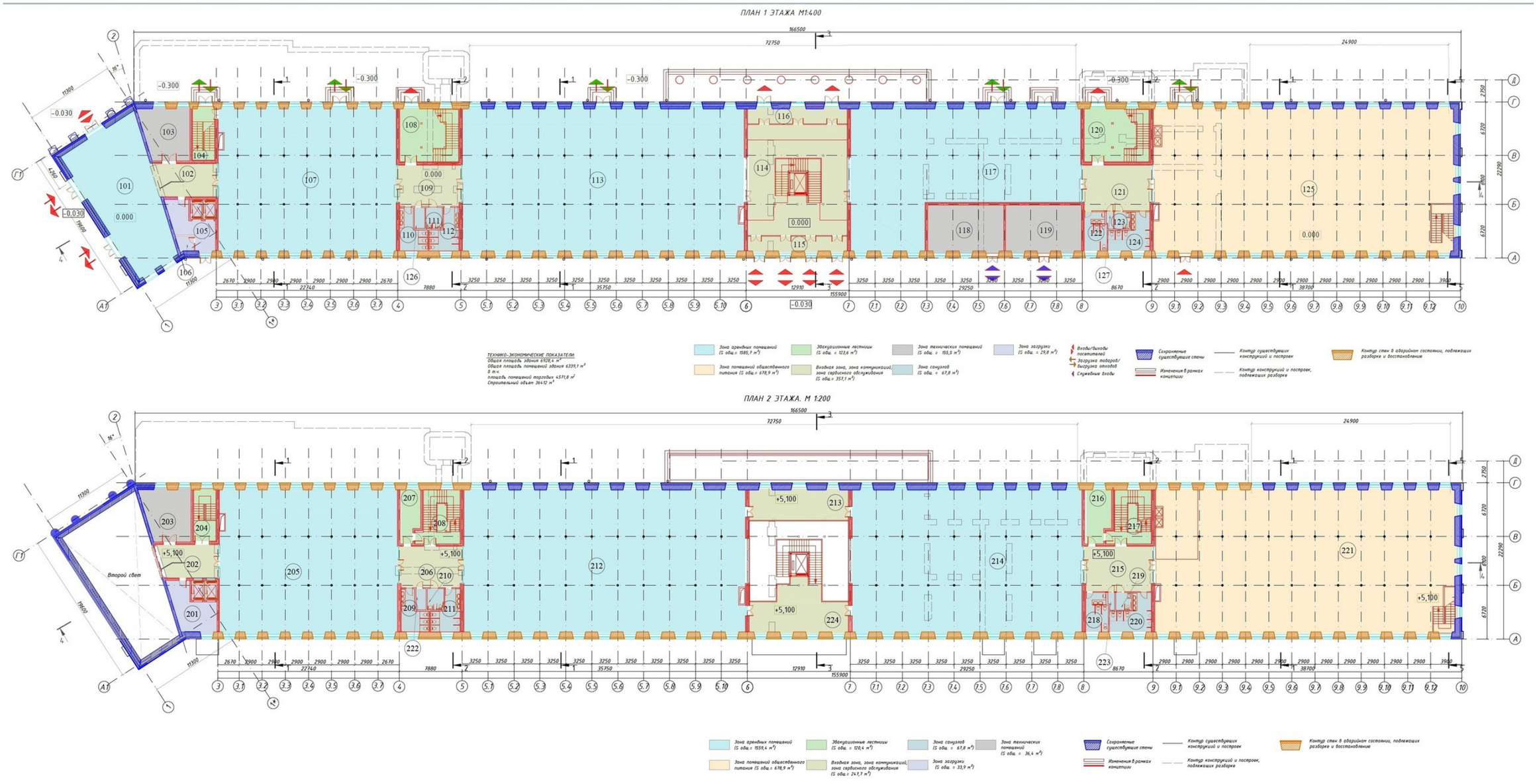


Site context



Current state

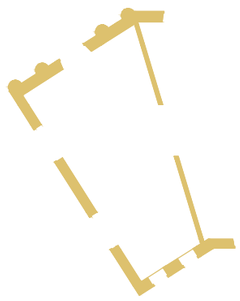
Current state



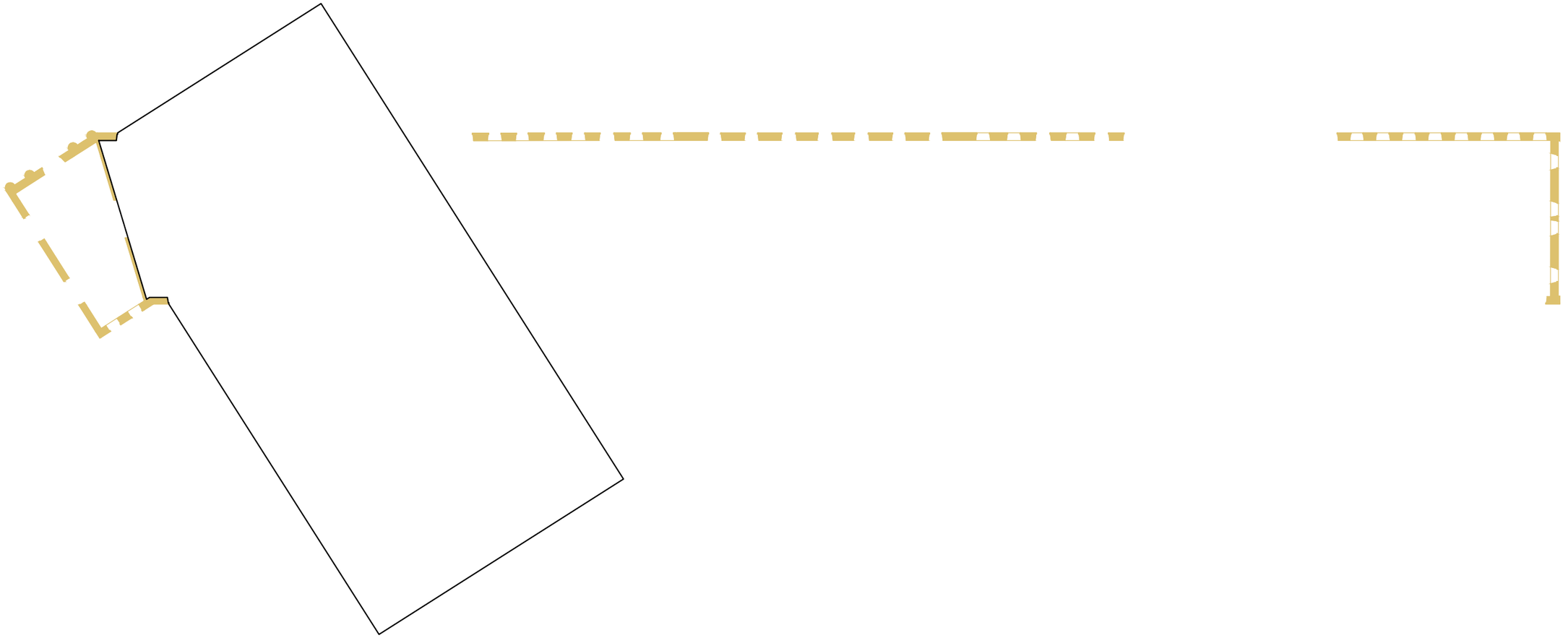
Сохраняемые стены обозначены синим цветом.

Current state

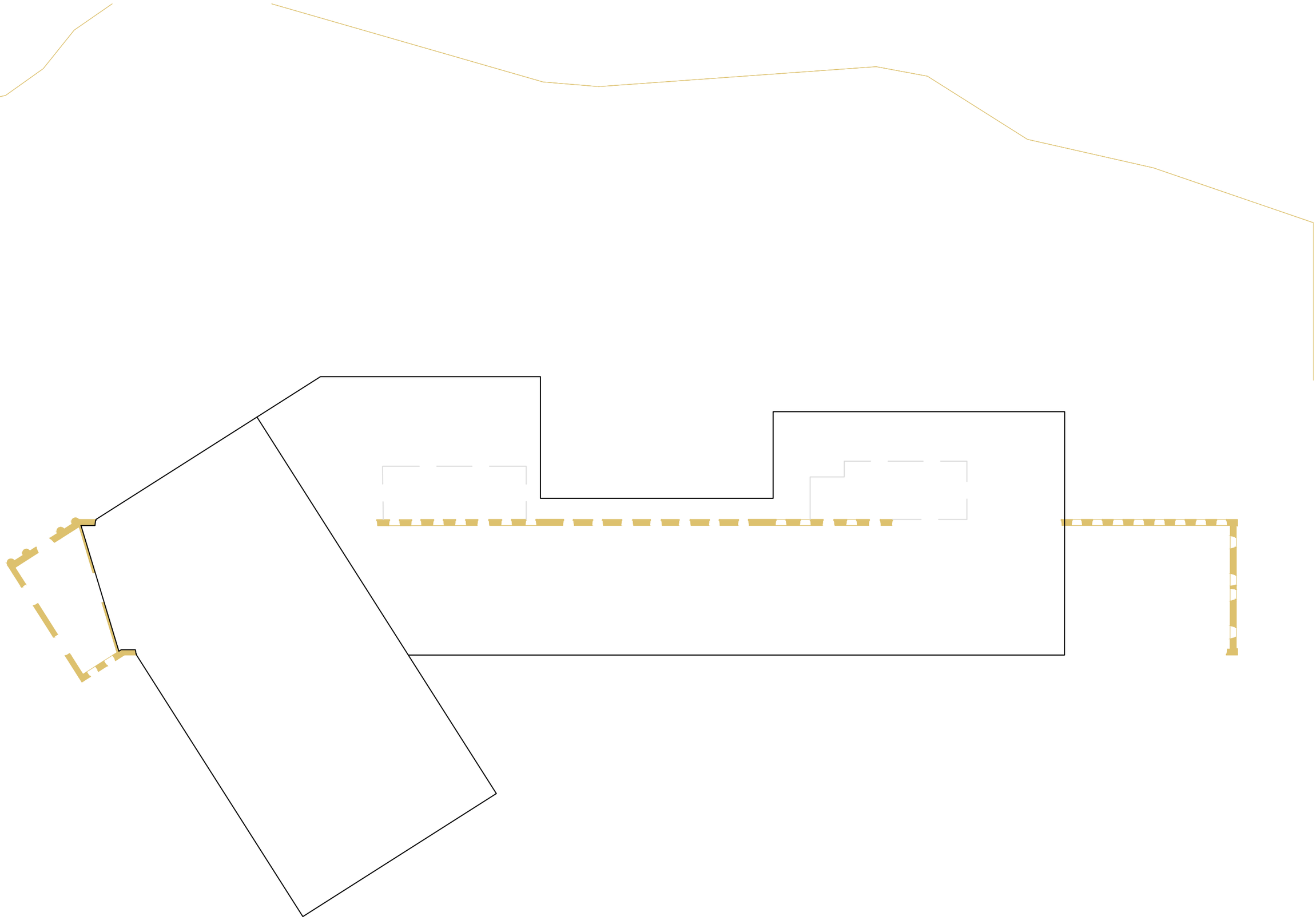
Old Walls Left



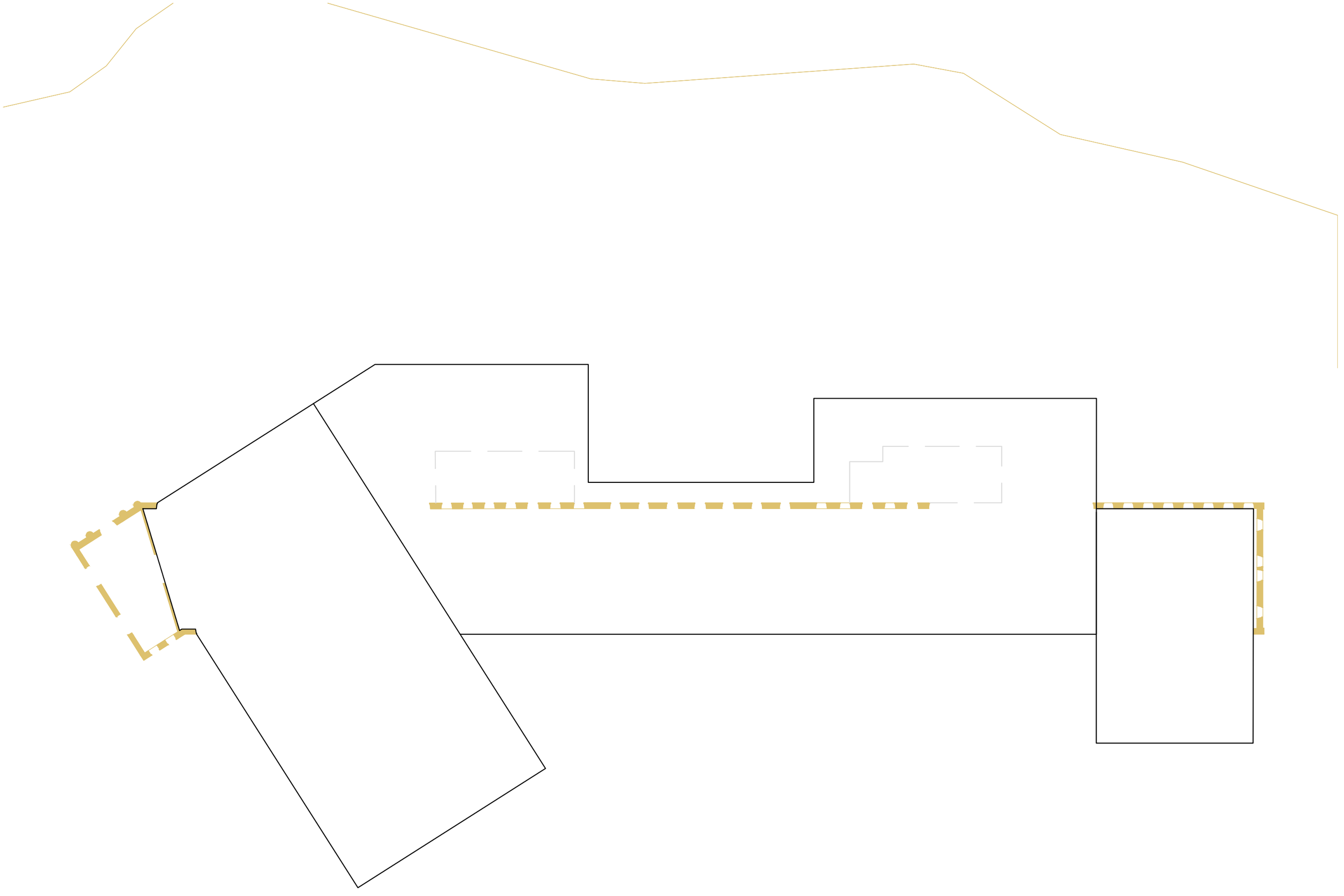
Treating the old



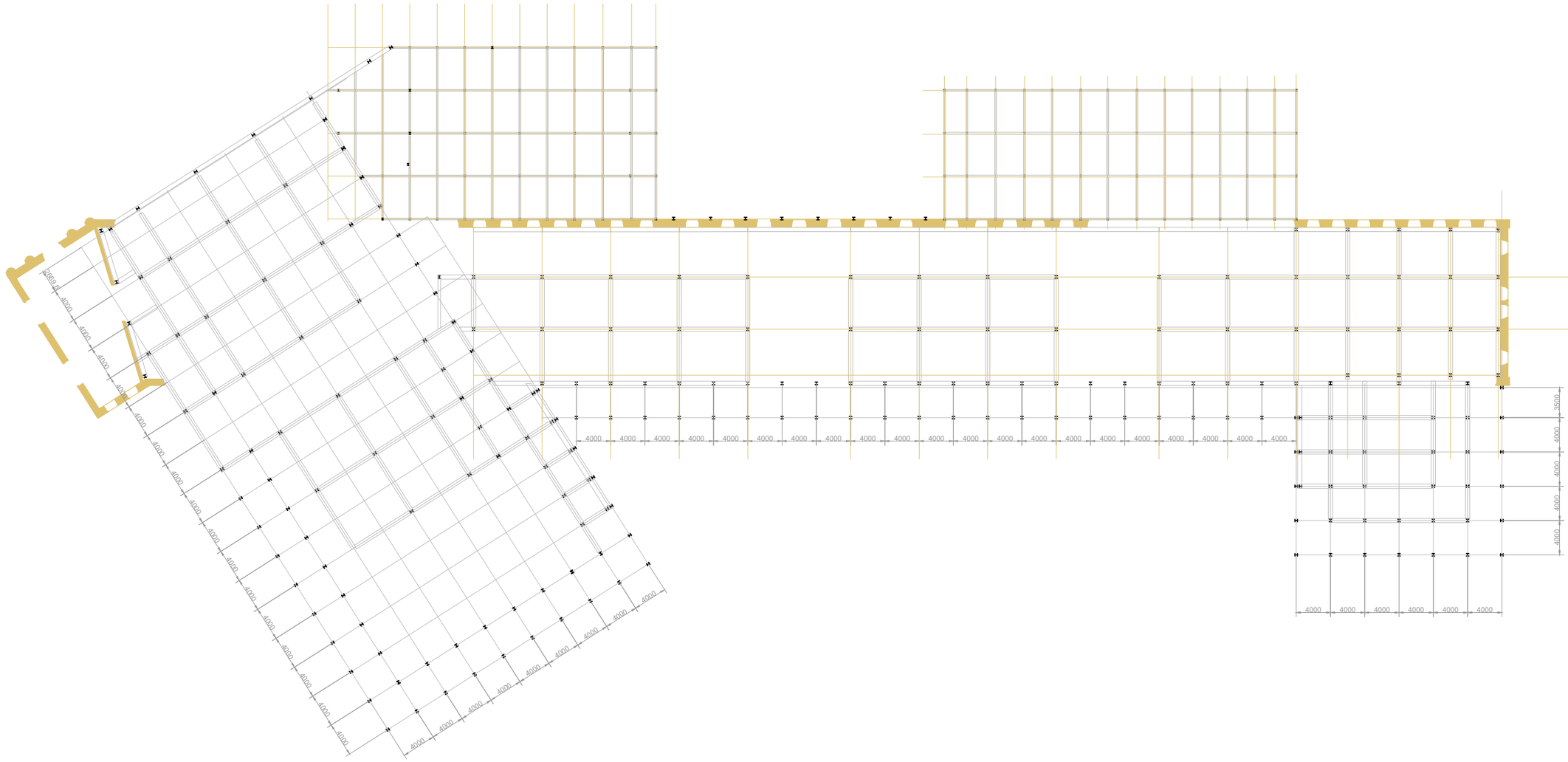
Treating the old



Treating the old



Structural grid



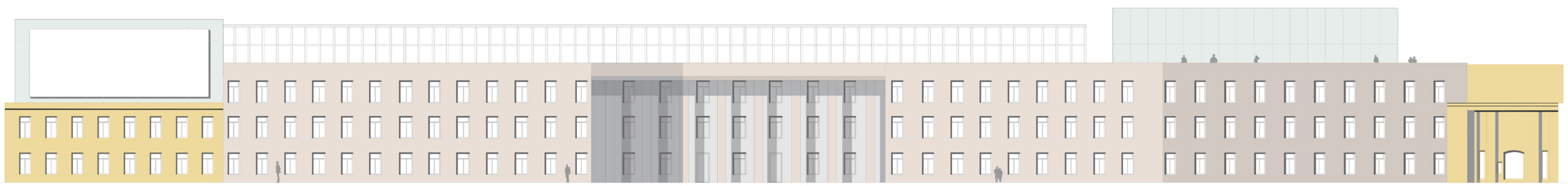
Industrial past

Building materials concept

Compliment

Highlight

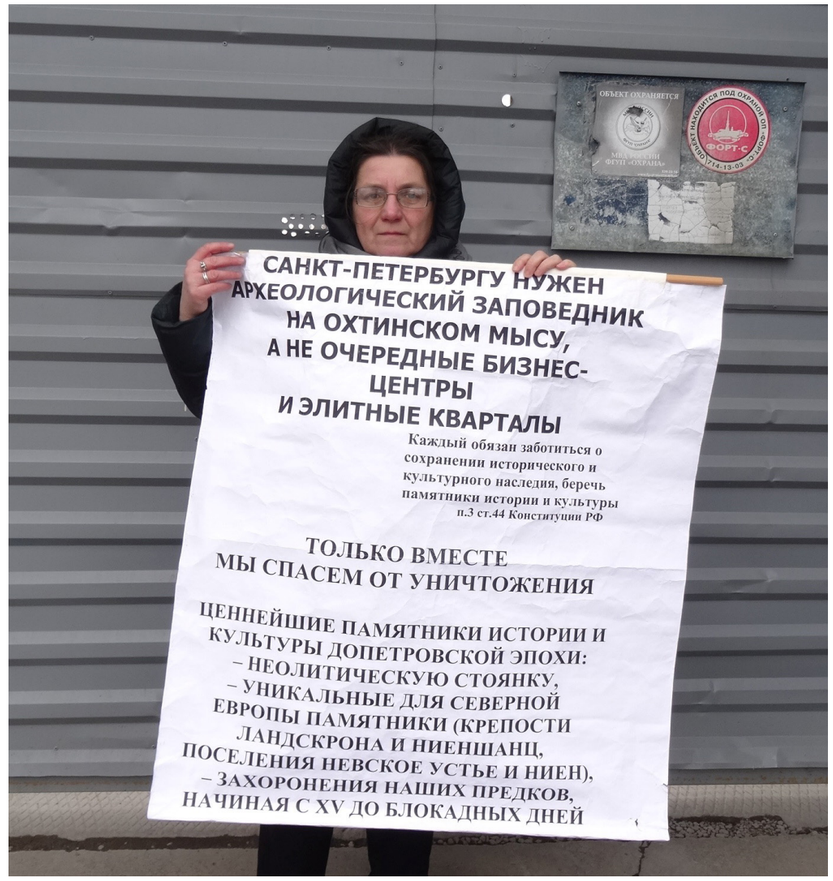
Contrast



Waterfront Facade

Materials

Public and Students

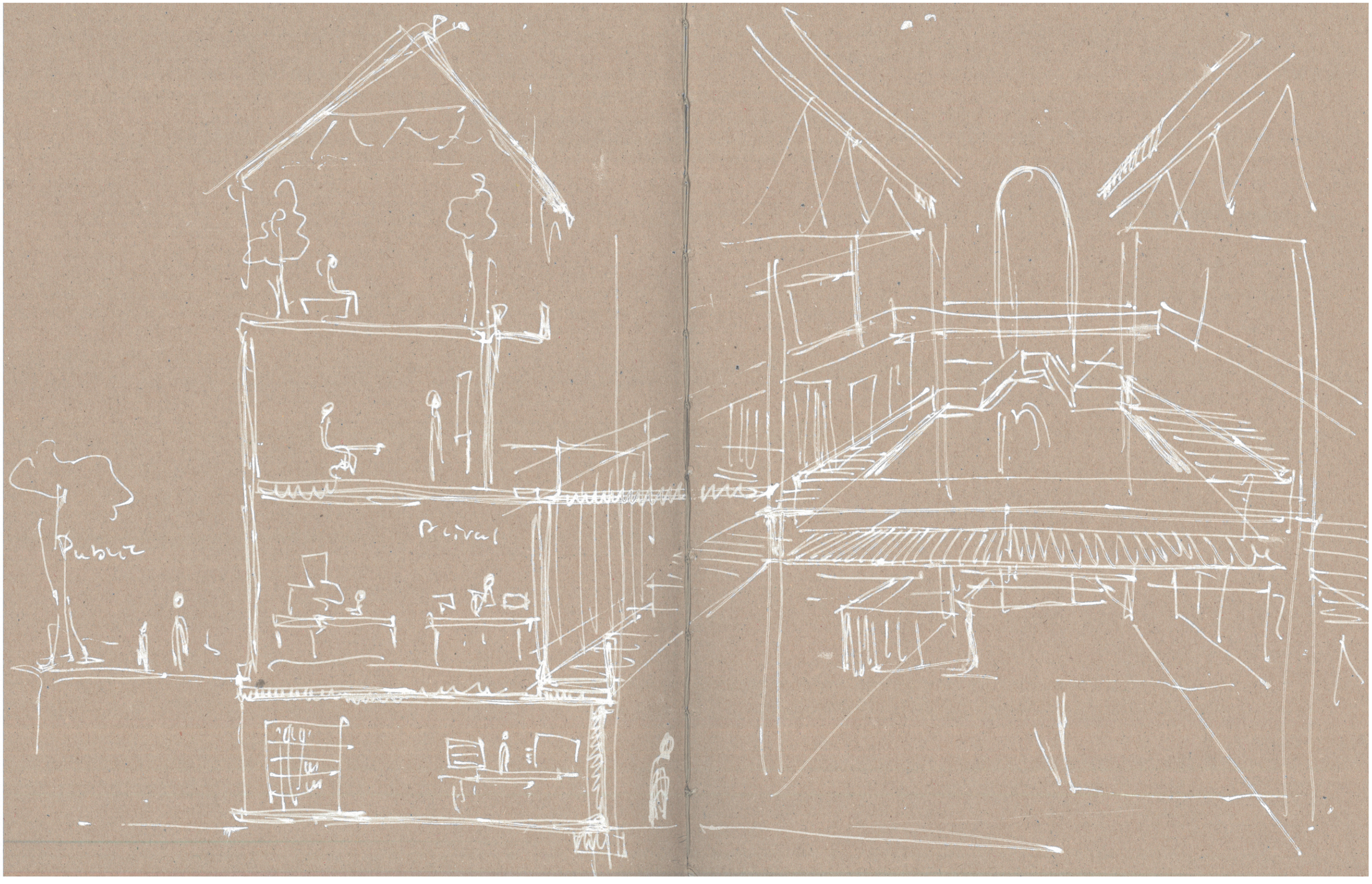


Free Movemeent

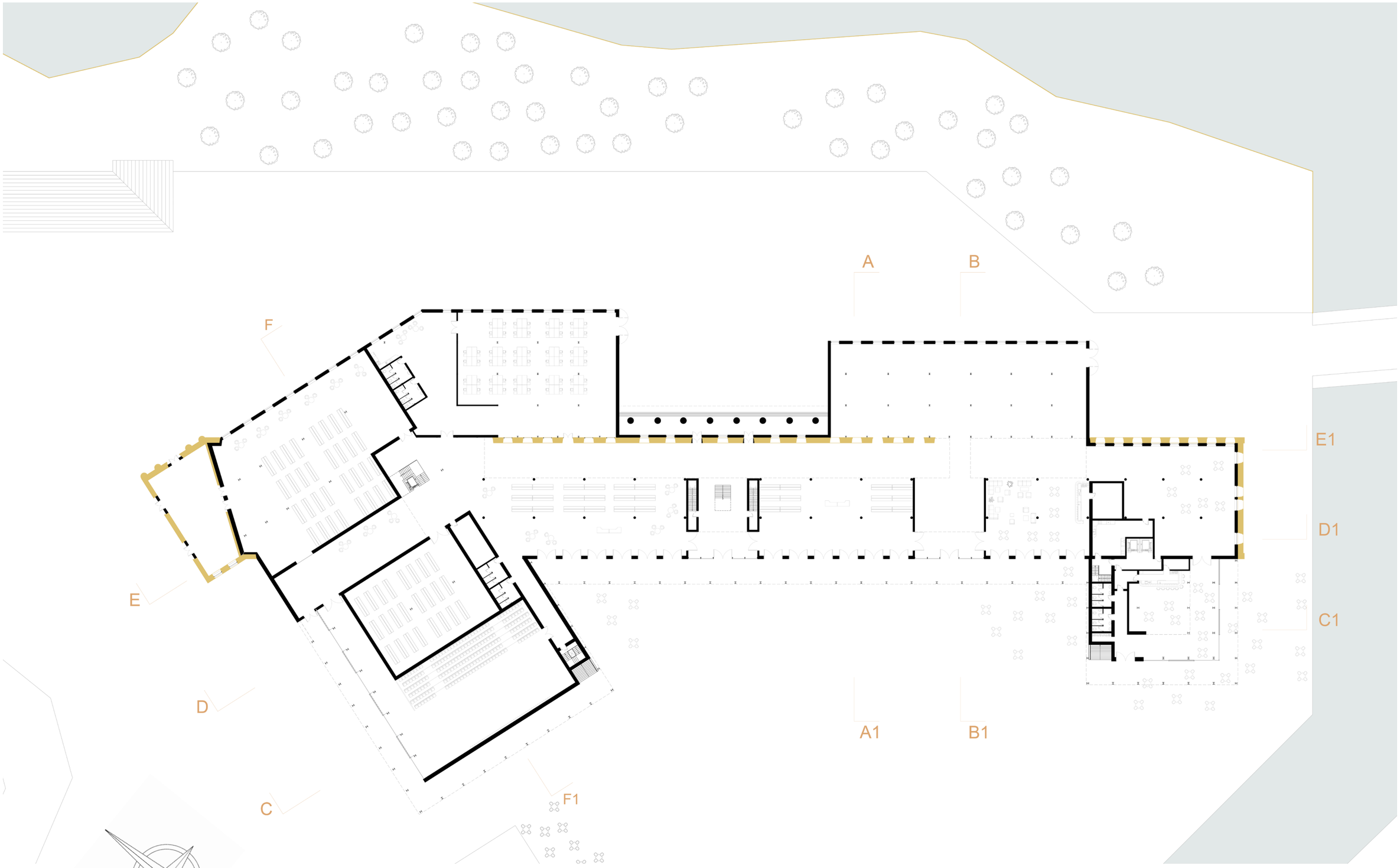
Transparency

Shared Functions

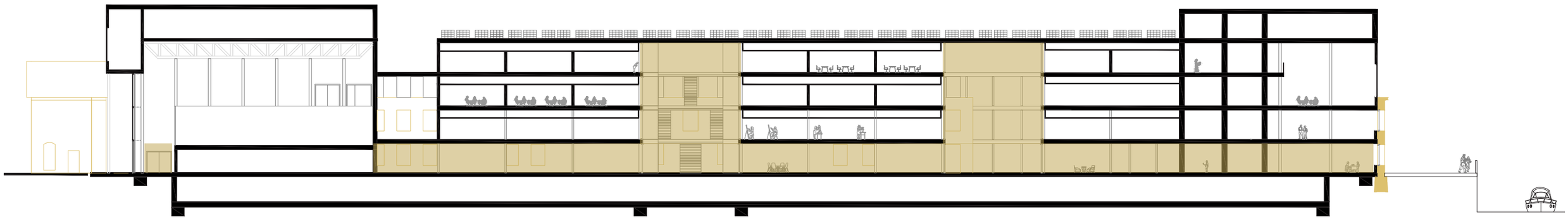
Free Movemeent
First Inspiration



Ground Floor Plan

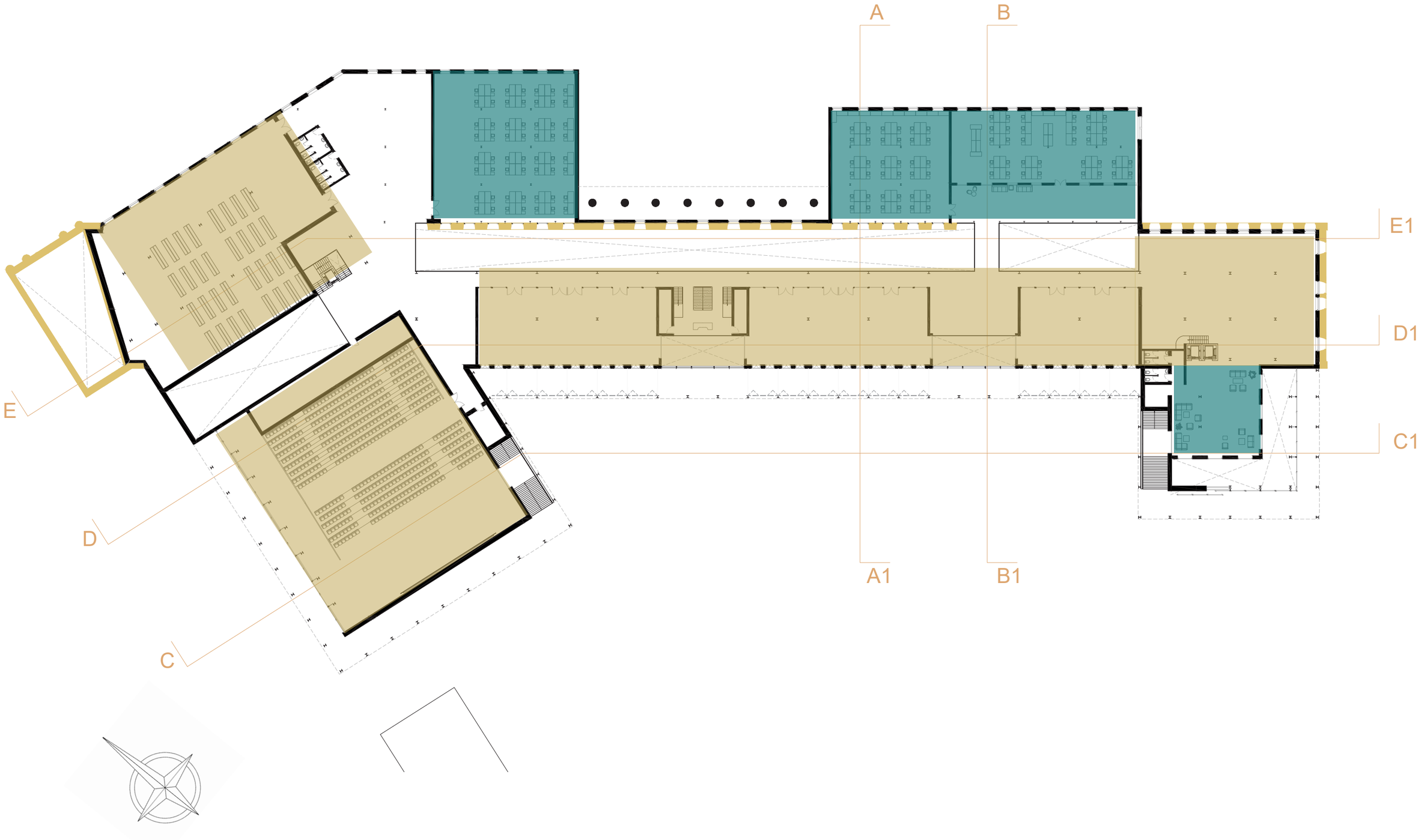


Section CC1

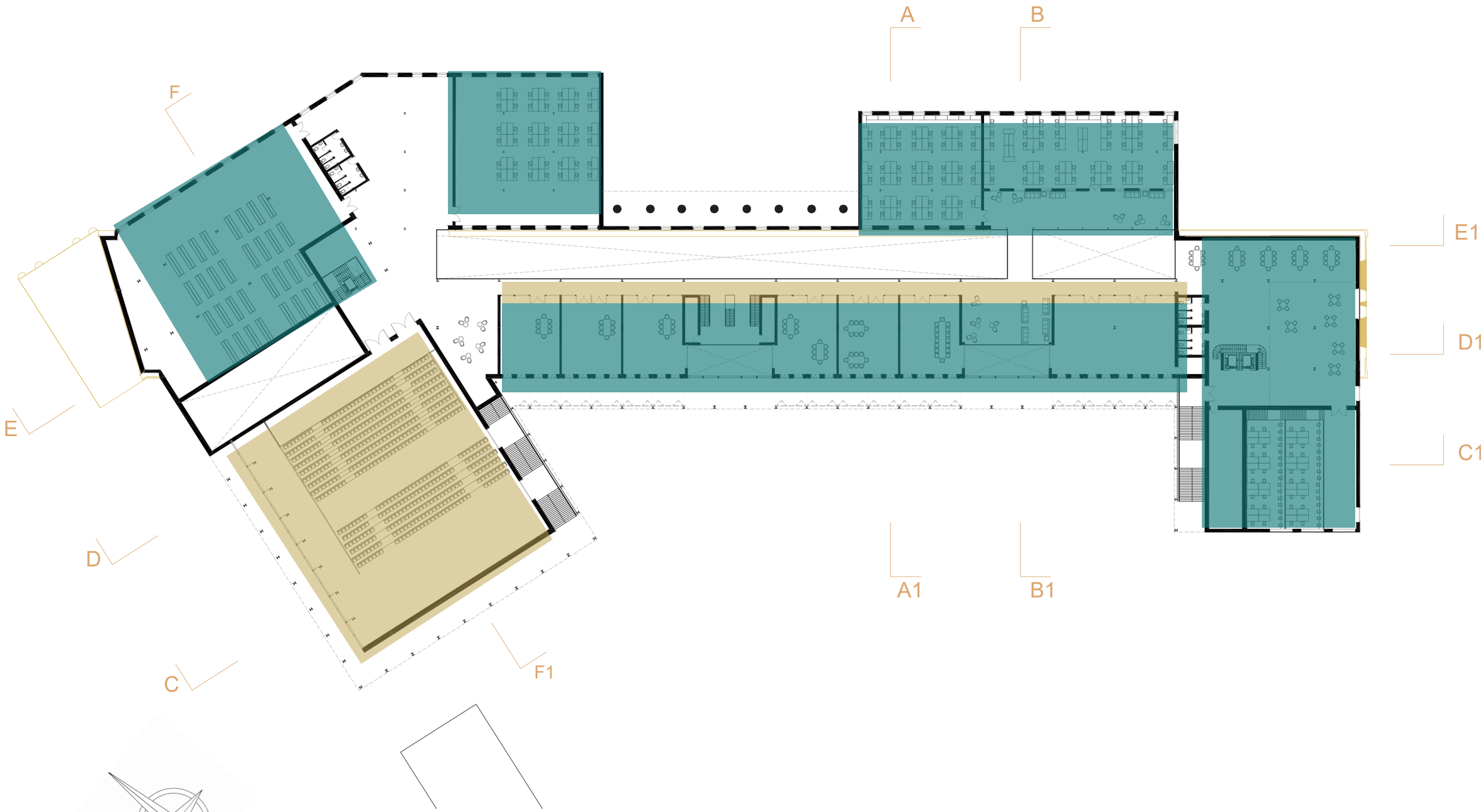


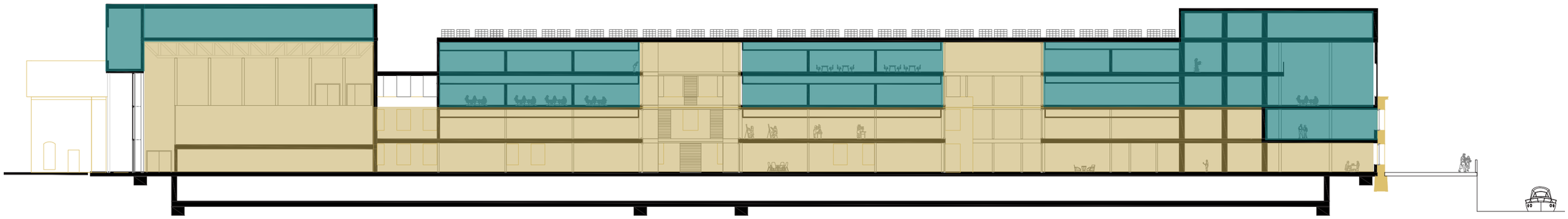
Public access

First floor plan



Second floor plan

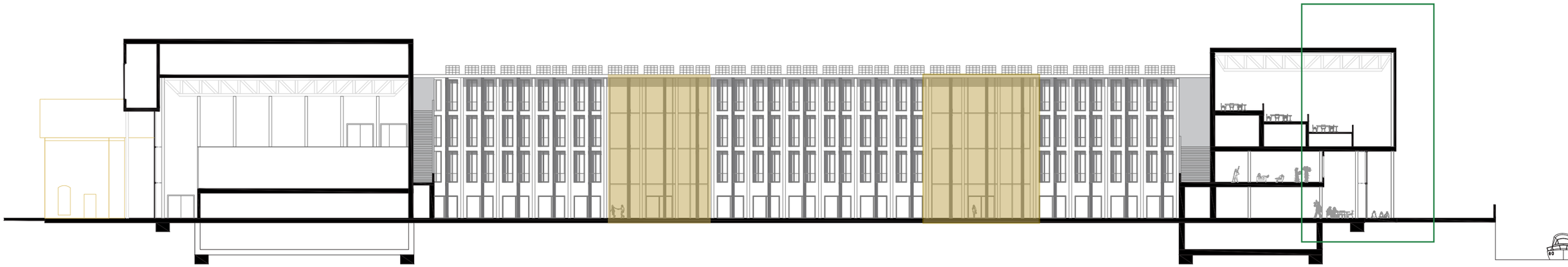




Public access

Student only use

Facade transparency



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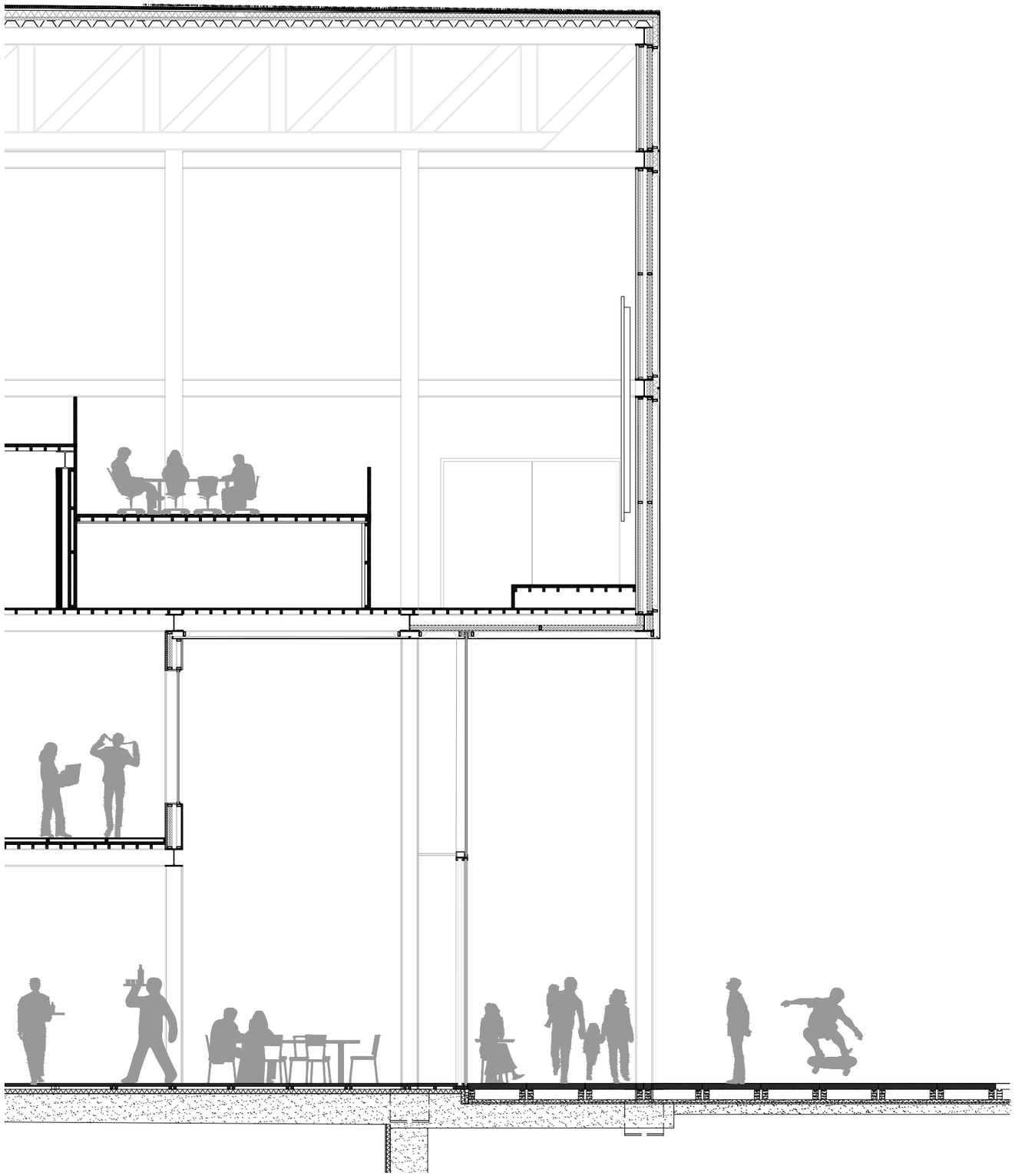
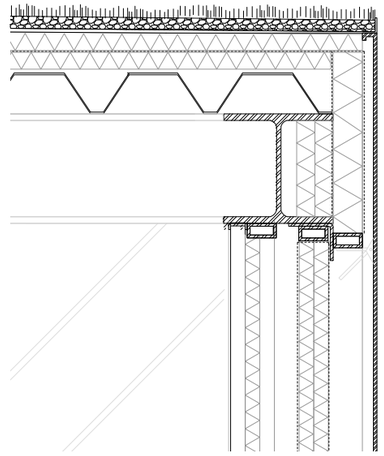
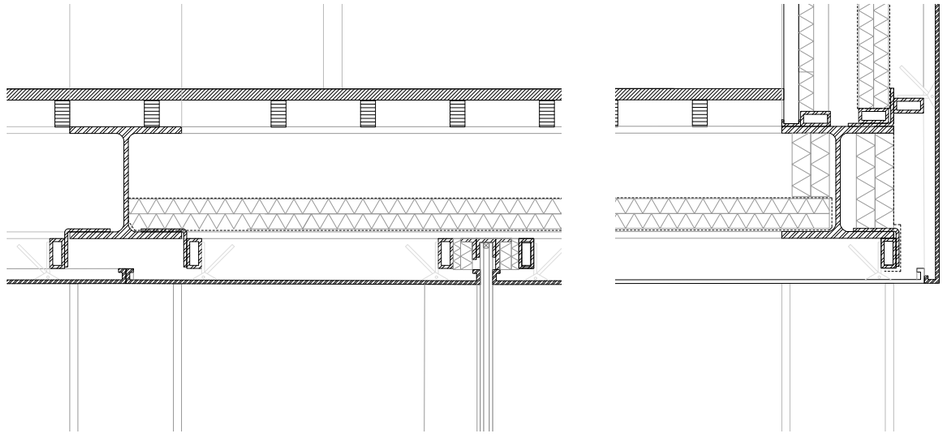
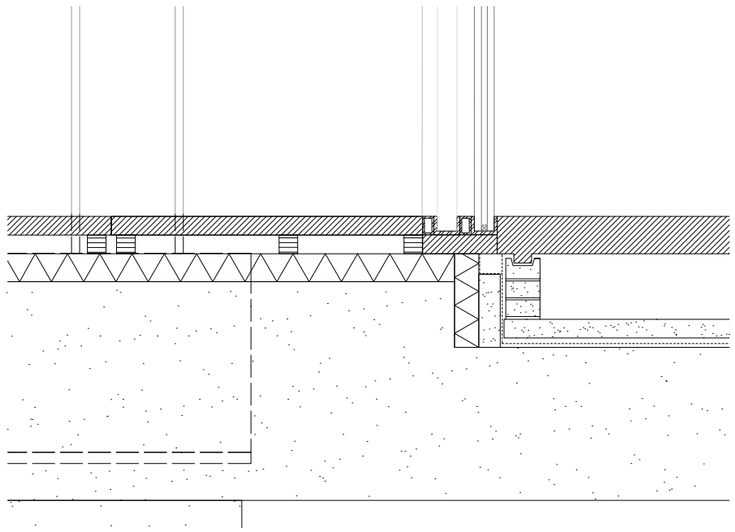
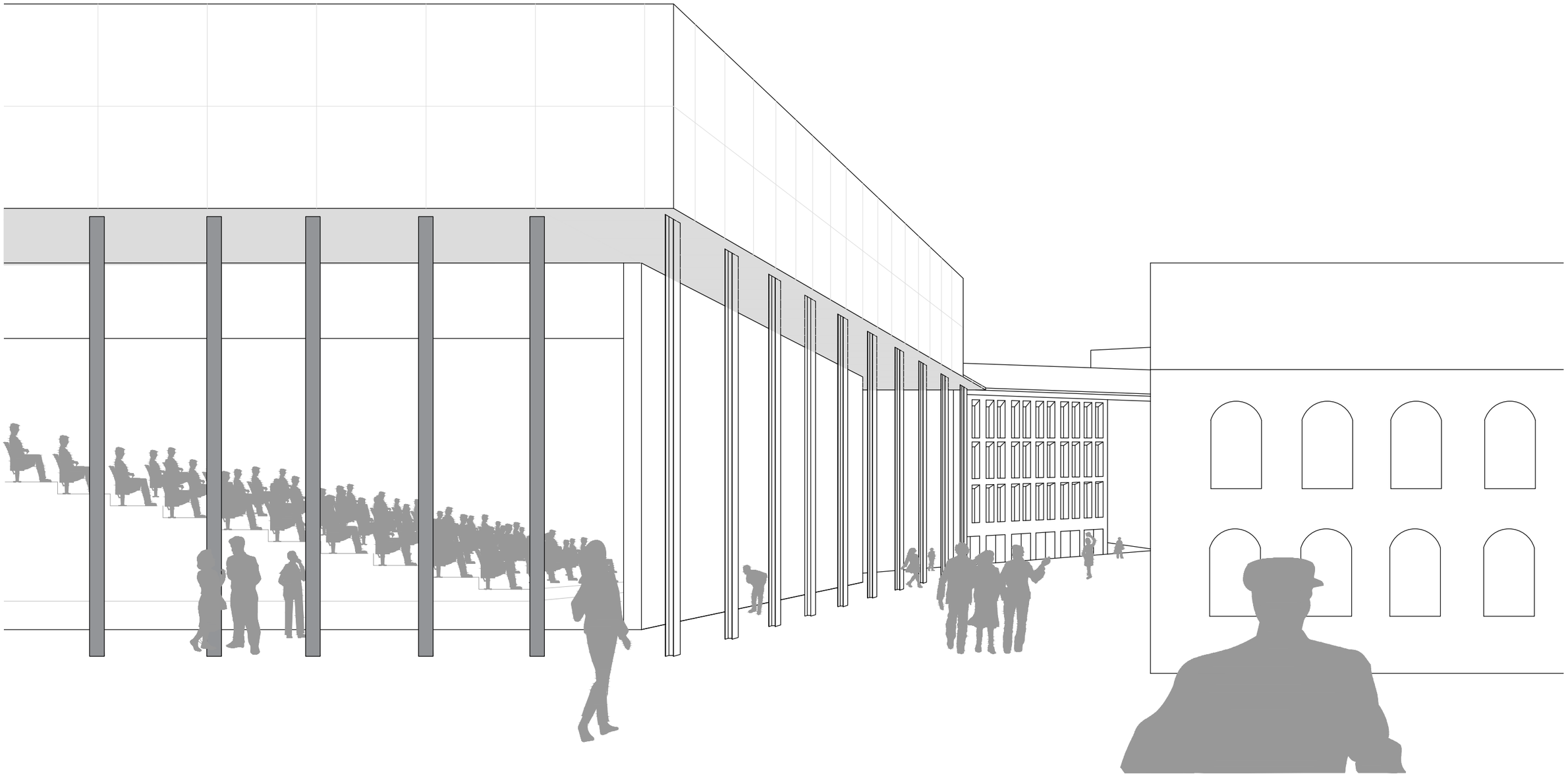




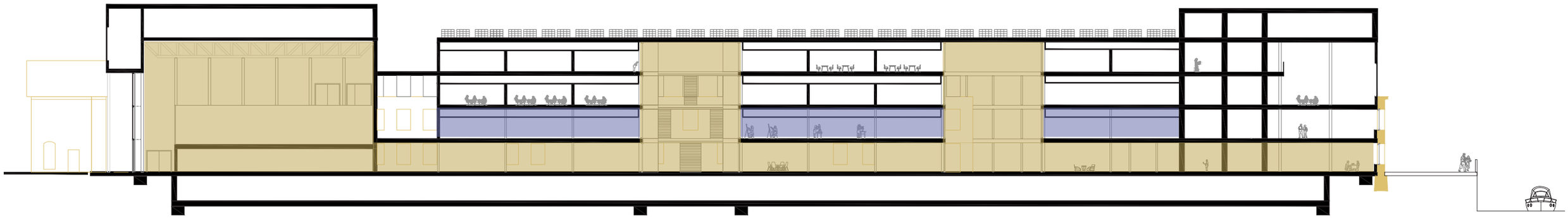




West Entrance



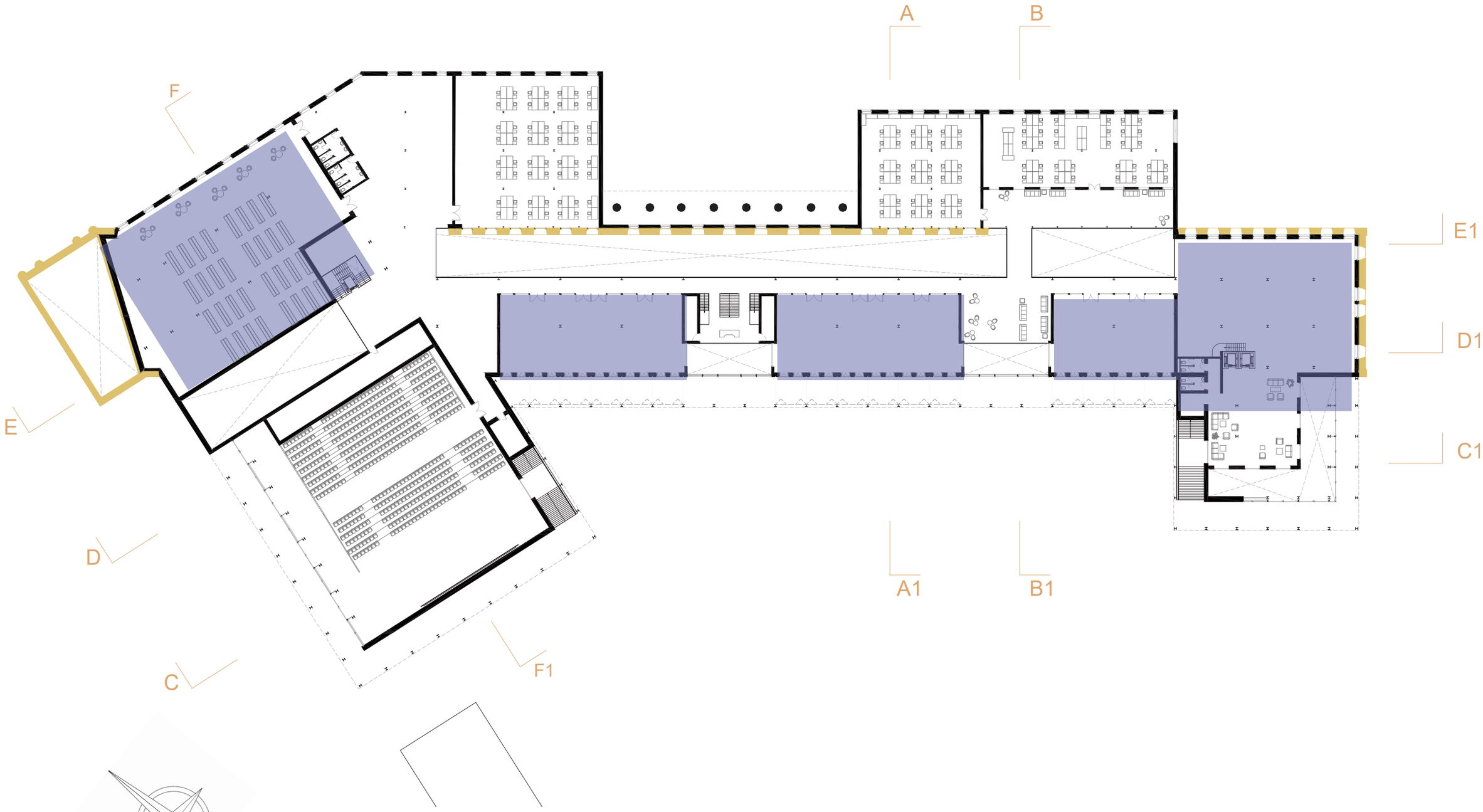
Shared Functions



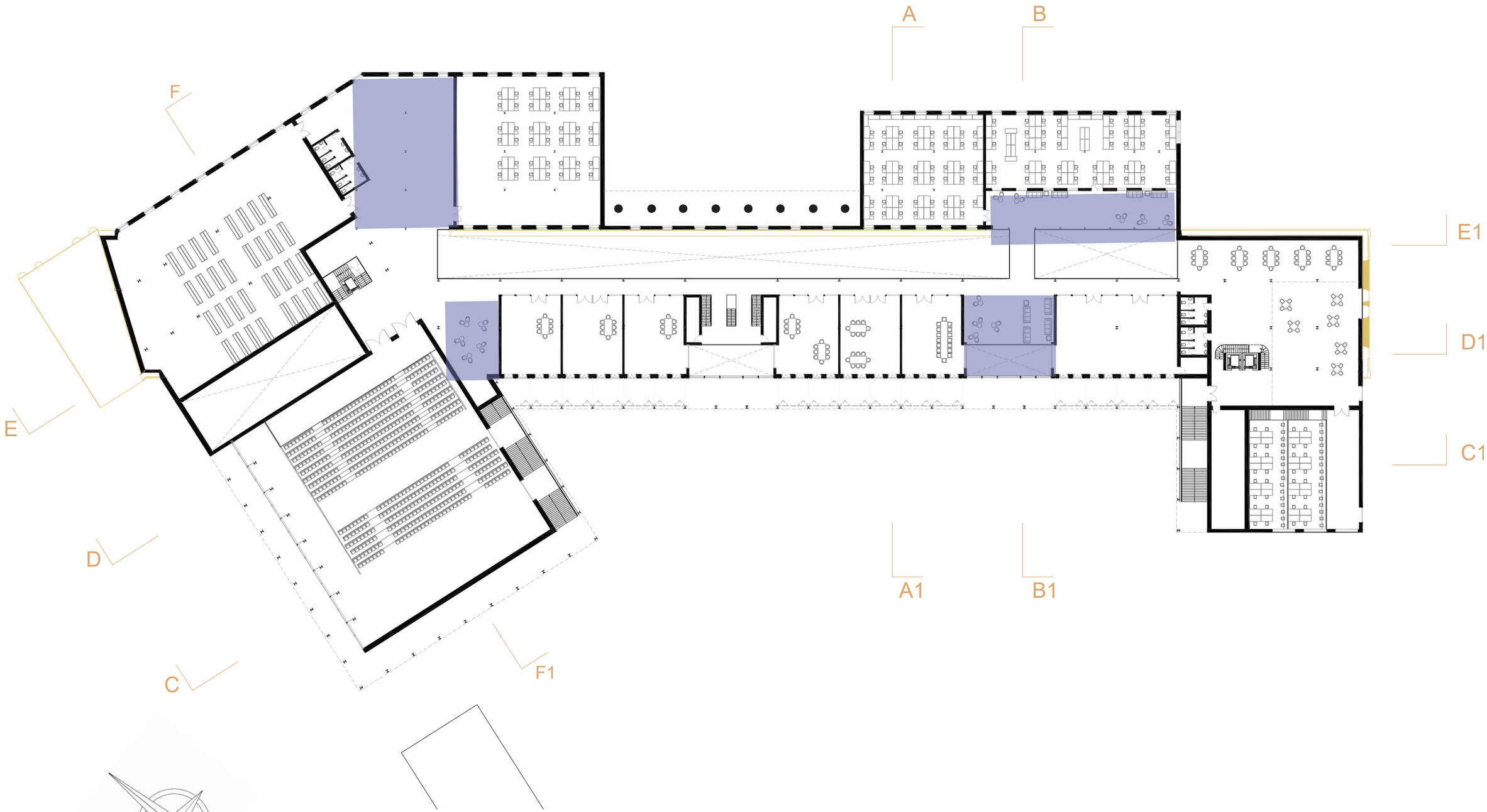
Public access

Shared Facilities

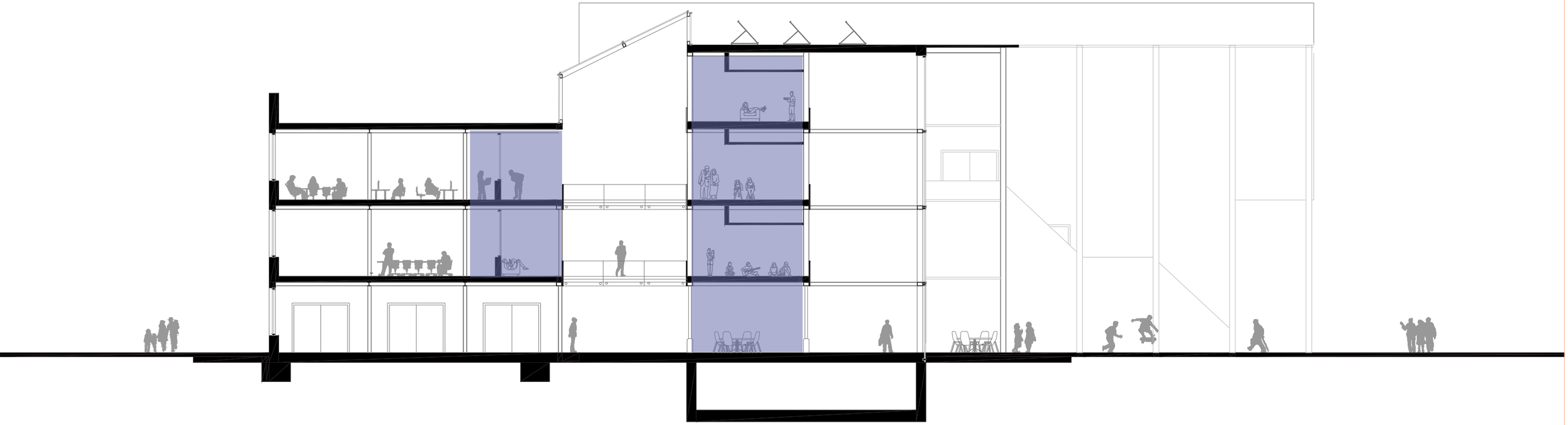
First floor plan



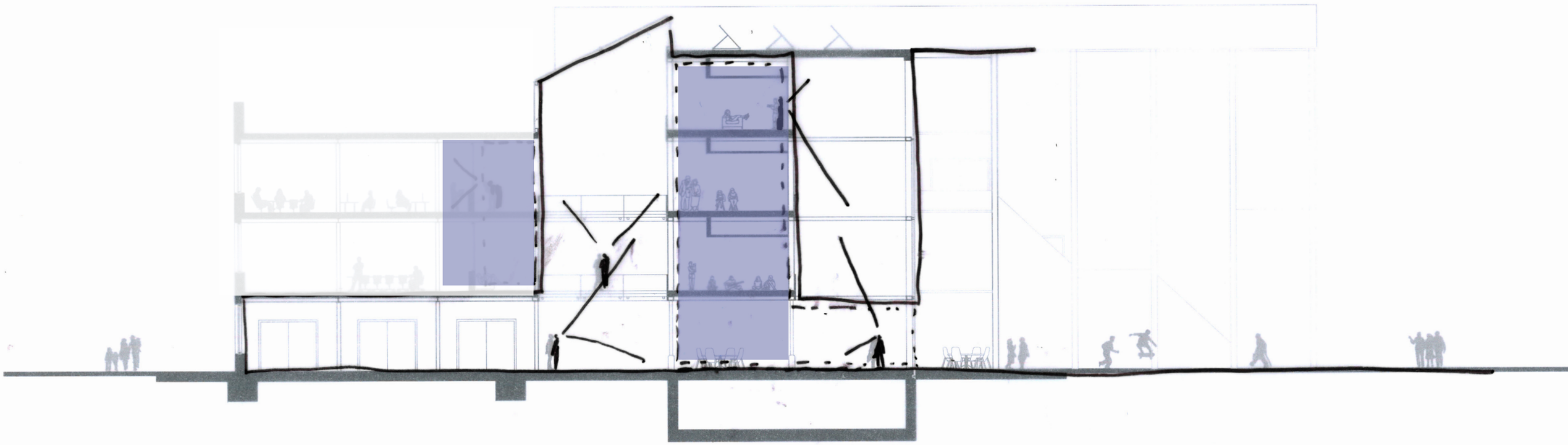
Second floor plan



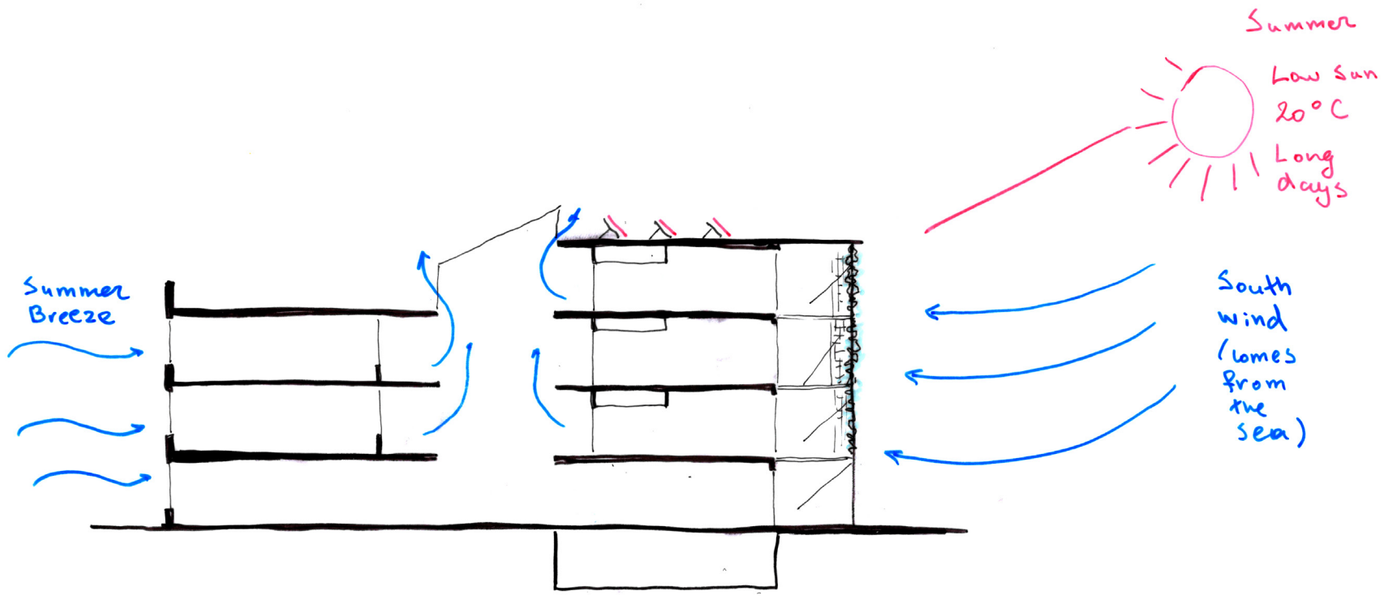
Section BB1

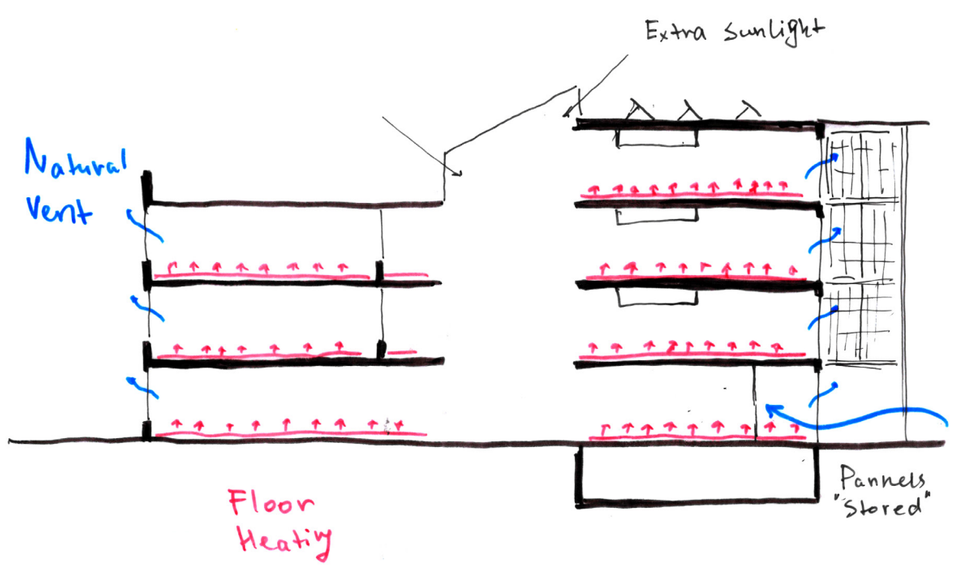


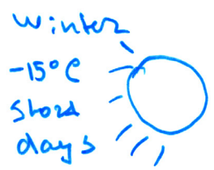
Visual and acoustic connection



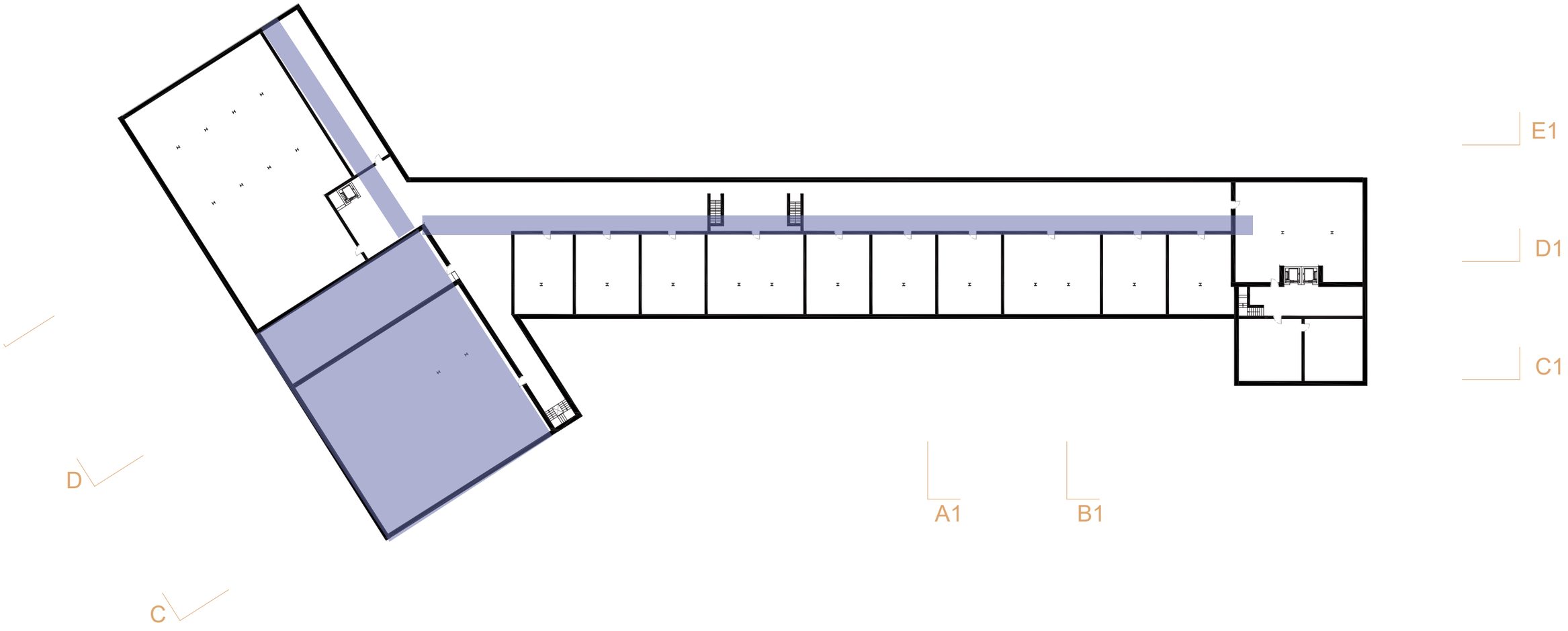
Climate strategy



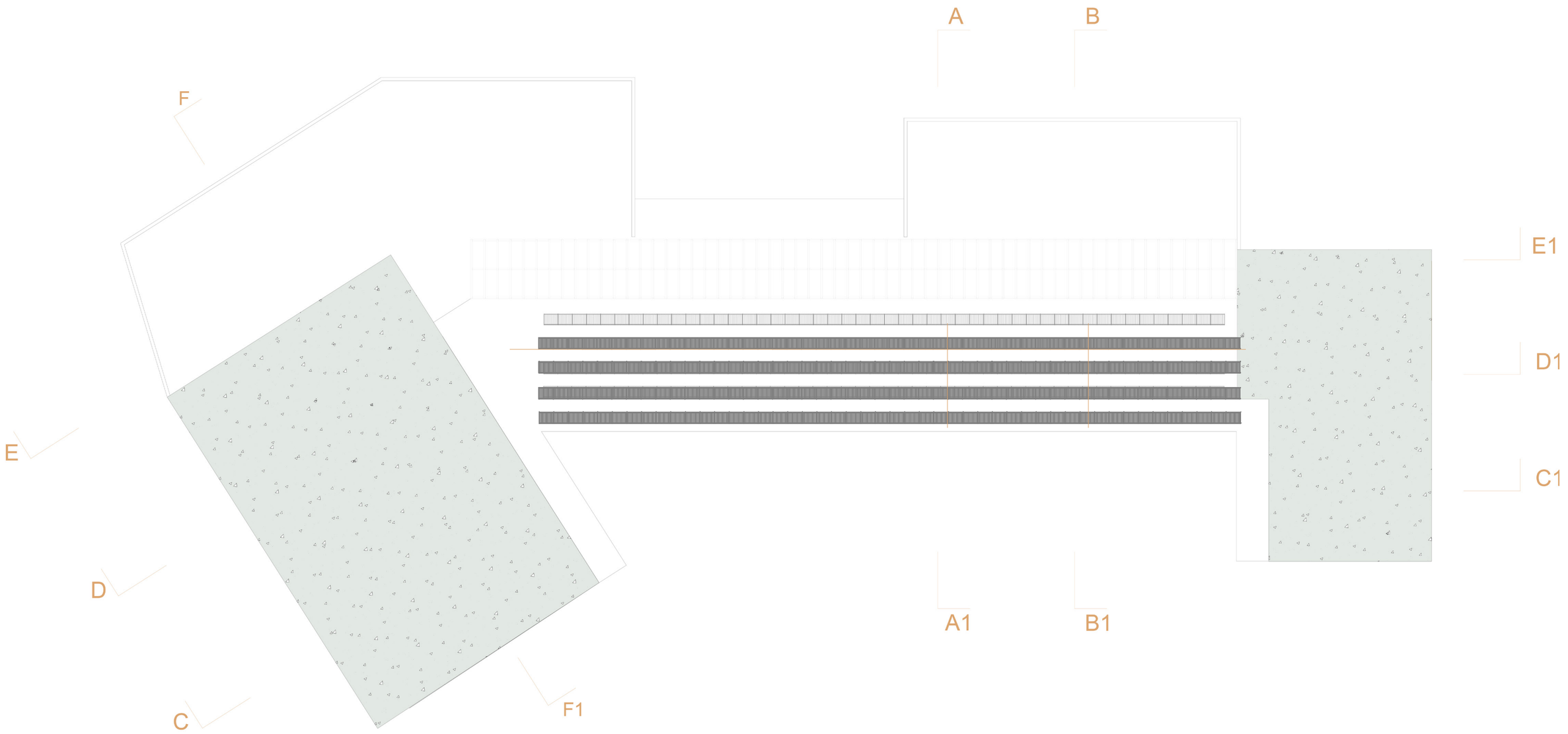




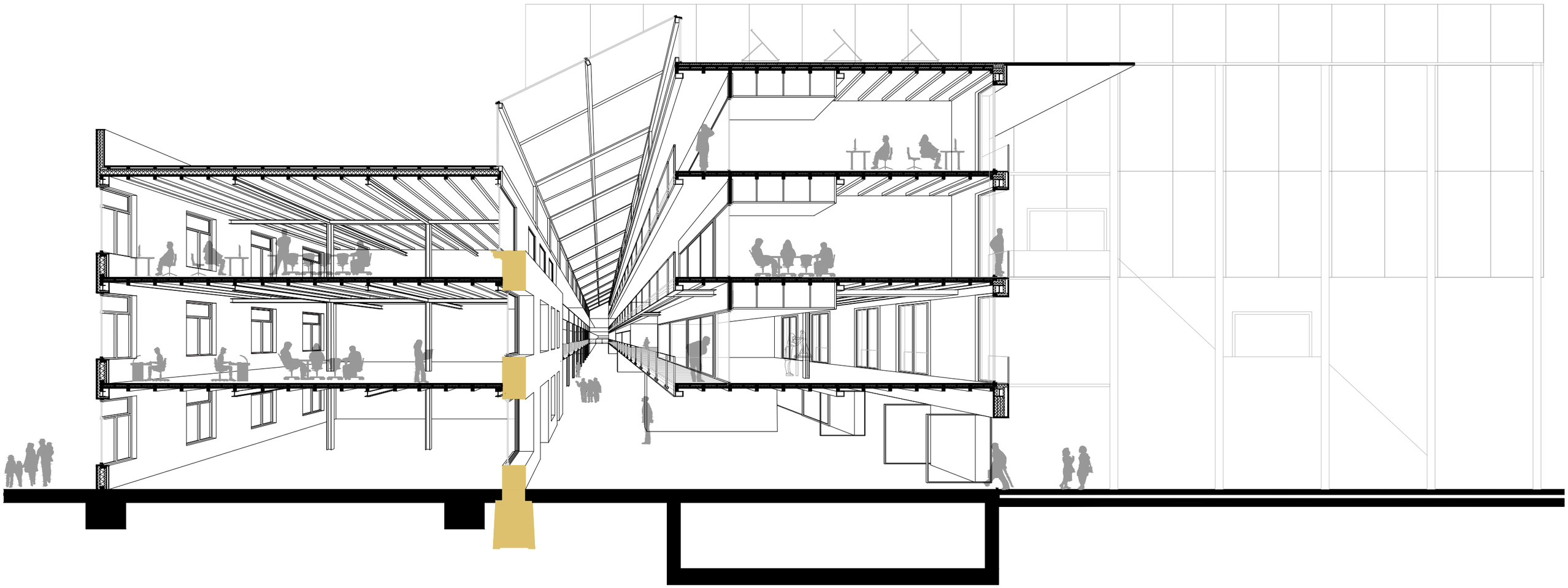
Basement plan



Maybe roof top plan



Public Cirqulation
VS
Student Spaces



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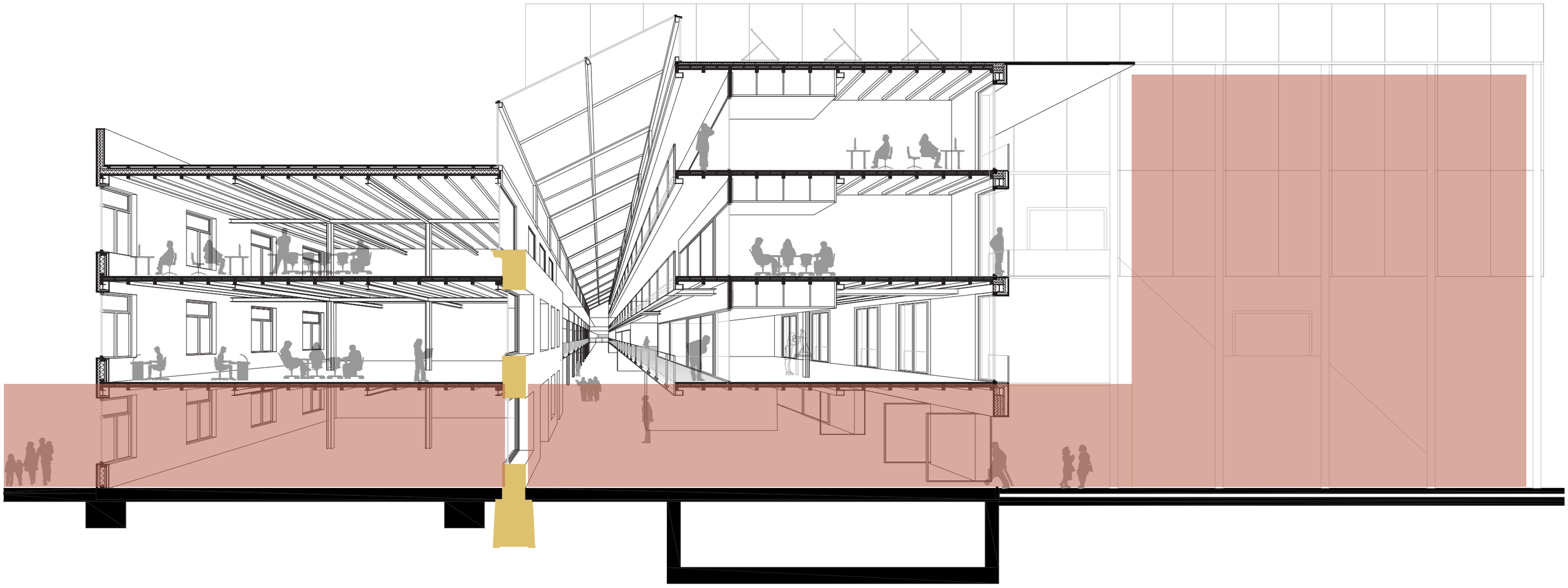
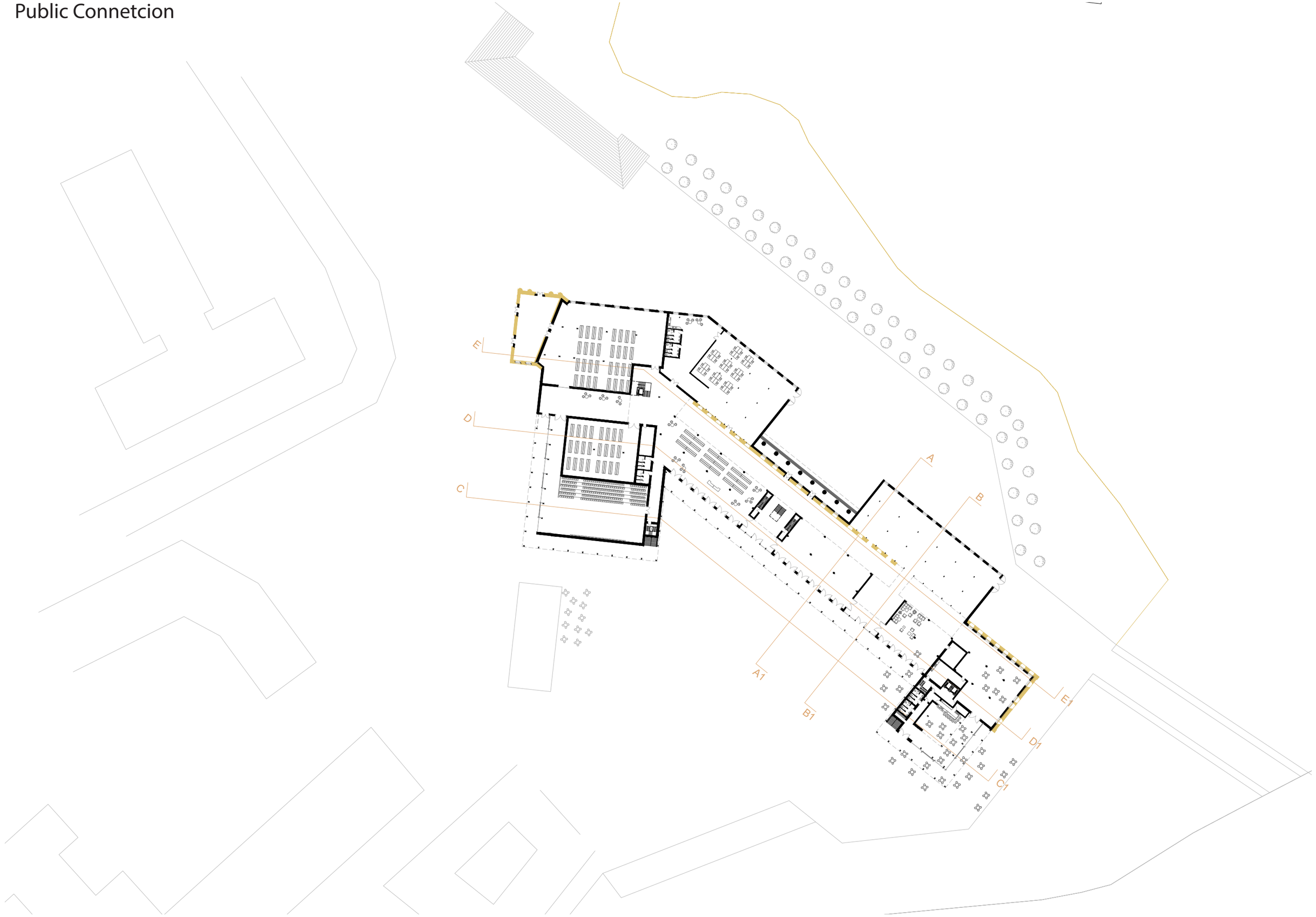


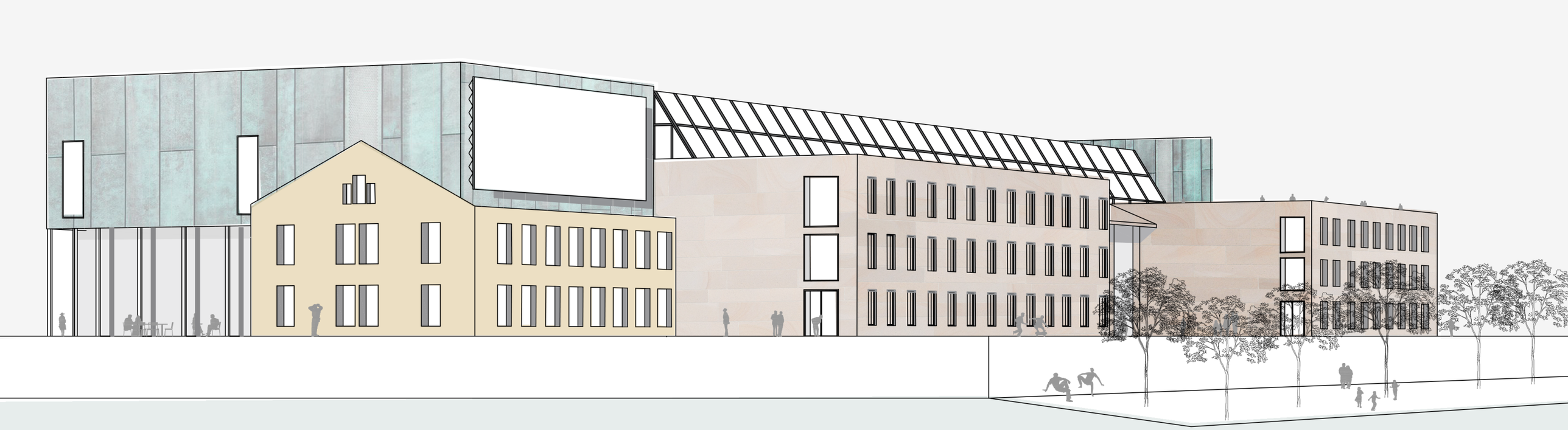
Public Connetcion

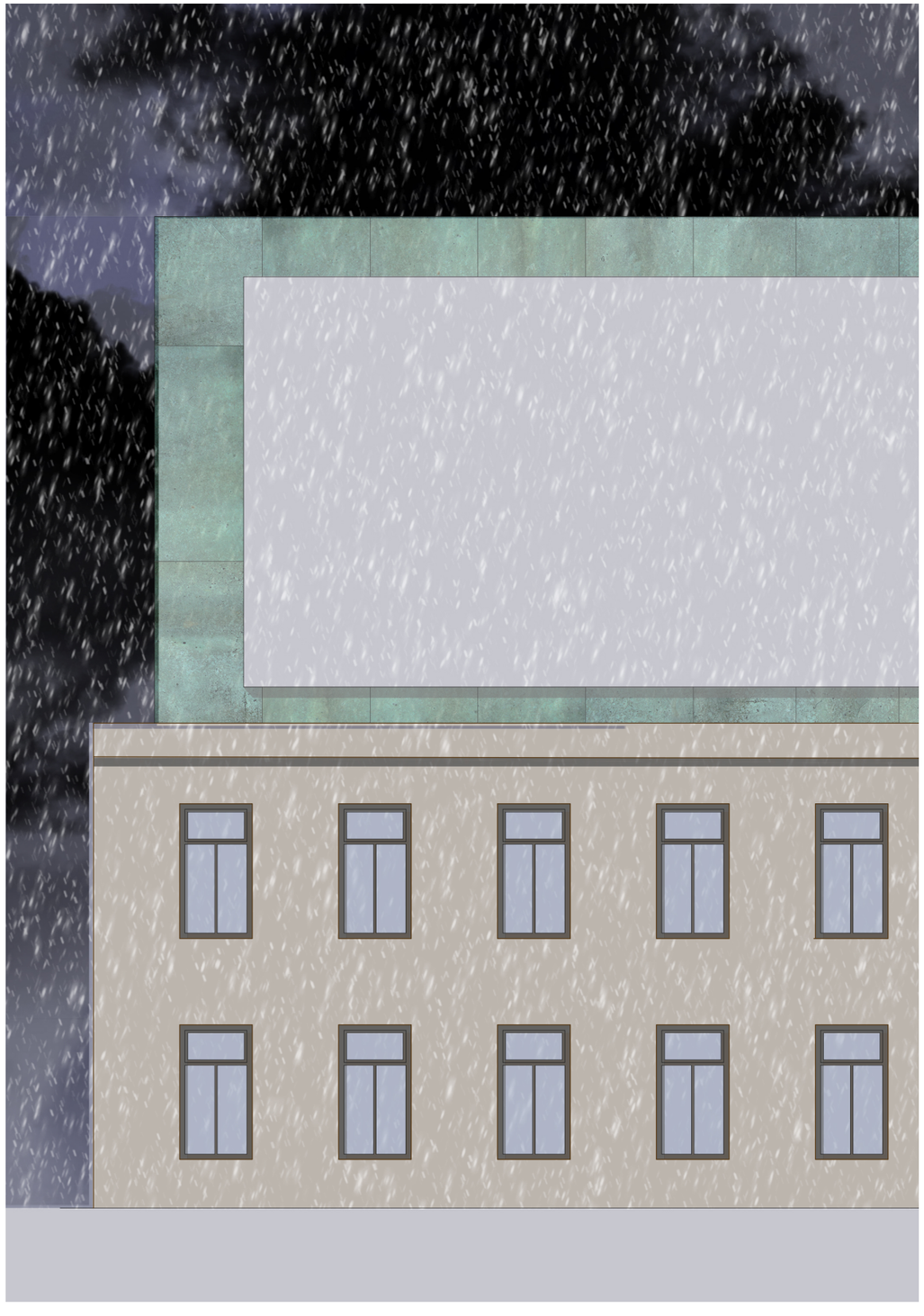
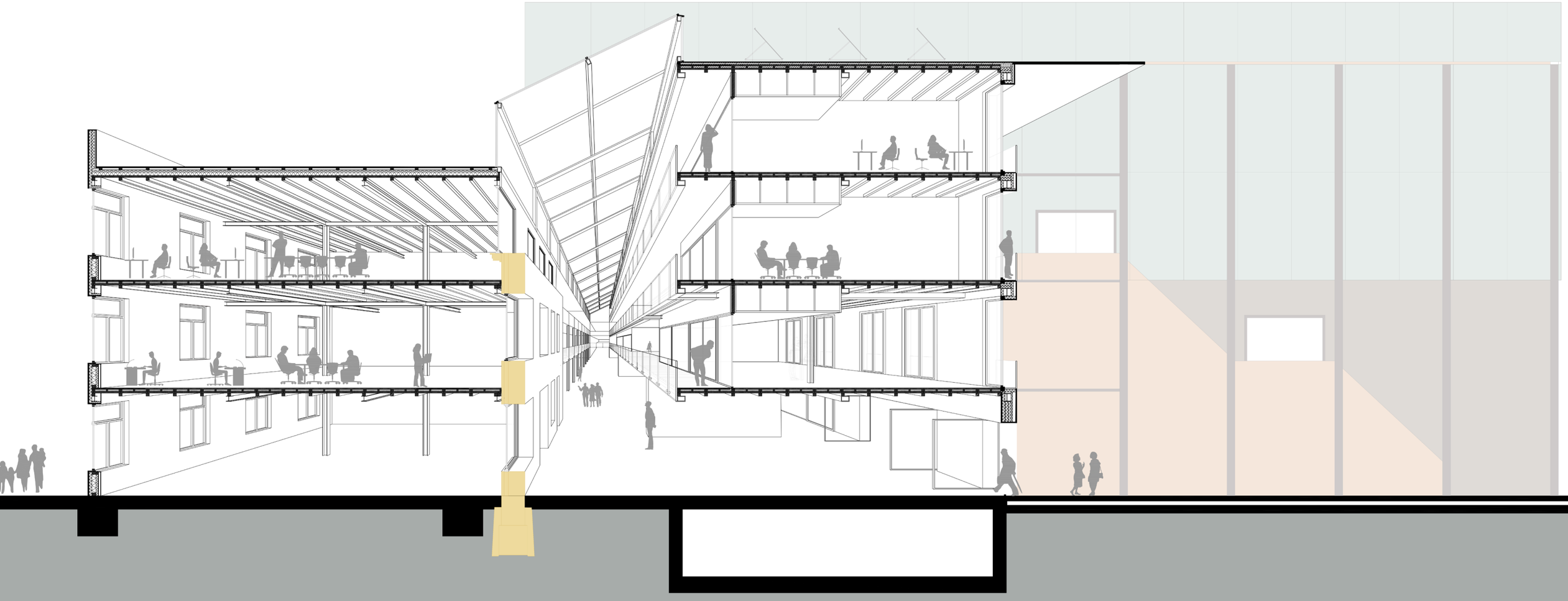


Urban scale

1. HoReCa retail
2. Offices
3. Artists Workshops
4. Art Exibitions
5. Student residence
6. Social residences

Public Connetcion





Thank you for your time!