

Urban Memory Lab

VIII. district, 1084,
Karácsony Sándor u. 35.
Budapest, Hungary

D i p l o m a / / 2 0 2 5

Mariam Bulia

Budapest University of Technology and Economics //
Faculty of Architecture //
Department of Urban Planning and Design //

Project overview

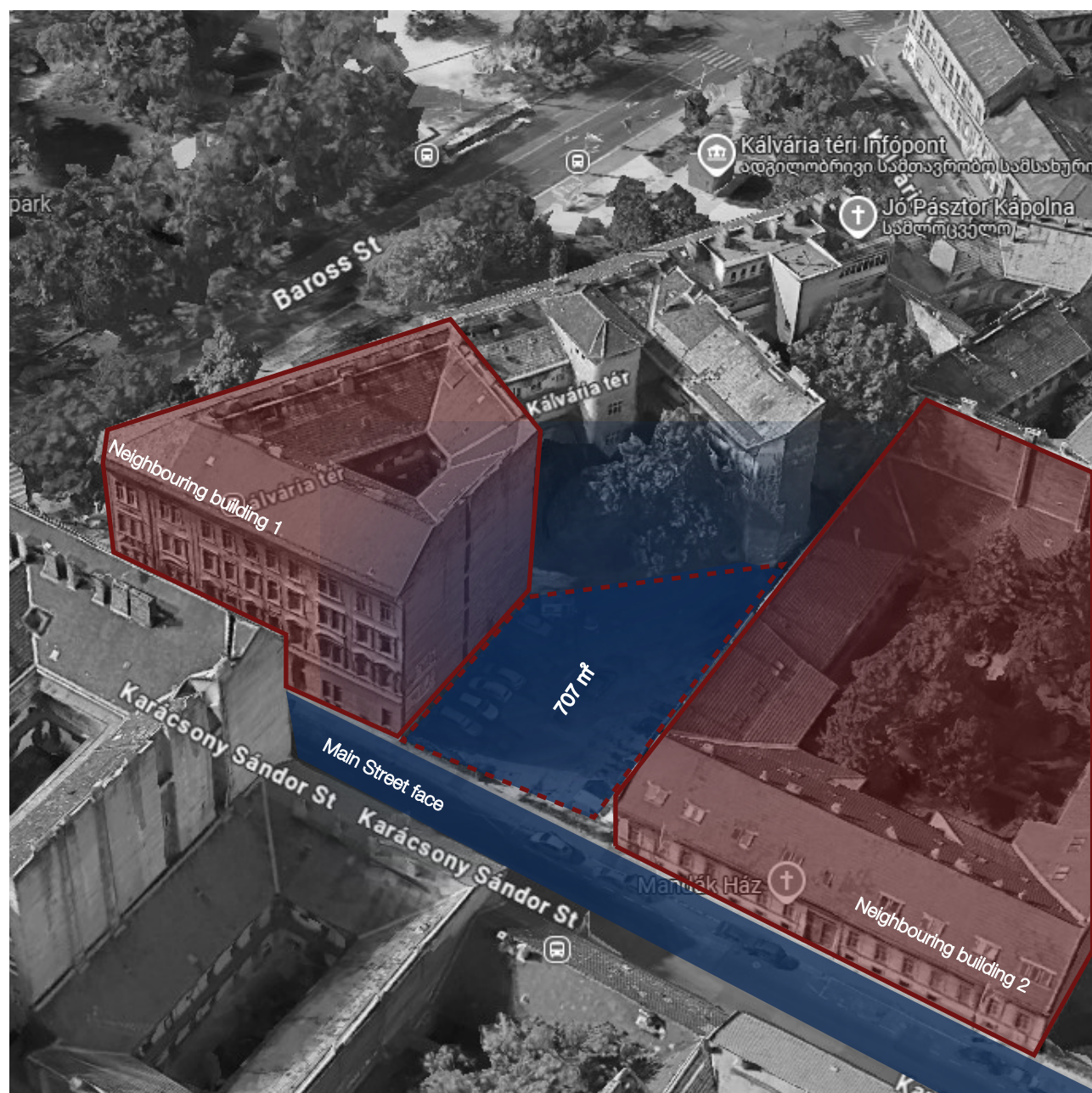
The **Urban Memory Lab** is a **cultural** and **educational** facility designed to serve as a bridge between the past and the future of Budapest's 8th district. Situated on Karácsony Sándor utca, the lab integrates heritage preservation with modern interactive learning, offering a **public exhibition gallery**, **workshop spaces**, a **research library**, and **office spaces**.

The project's primary aim is to create a dynamic, participatory space where visitors can engage with the history and evolving identity of the neighborhood. The ground floor is dedicated to public engagement through exhibition spaces and workshops, while the upper levels house research archives, offices, and a library. A significant 30% of the site is designated as green space, reinforcing the district's commitment to environmental and social sustainability

Justification

The Urban Memory Lab responds to the contrasting scales and histories of its site by bridging a tall residential block and a low-rise structure. Originally planned as a 1–2 story building, its height was increased to ensure proper daylight and usability, adapting to the shadow impact of the neighboring structure.

The design promotes social equity, sustainability, and heritage preservation, creating a layered space for community engagement, reflection, and co-creation. It stands as both a cultural anchor and a future-oriented civic platform within the urban fabric.

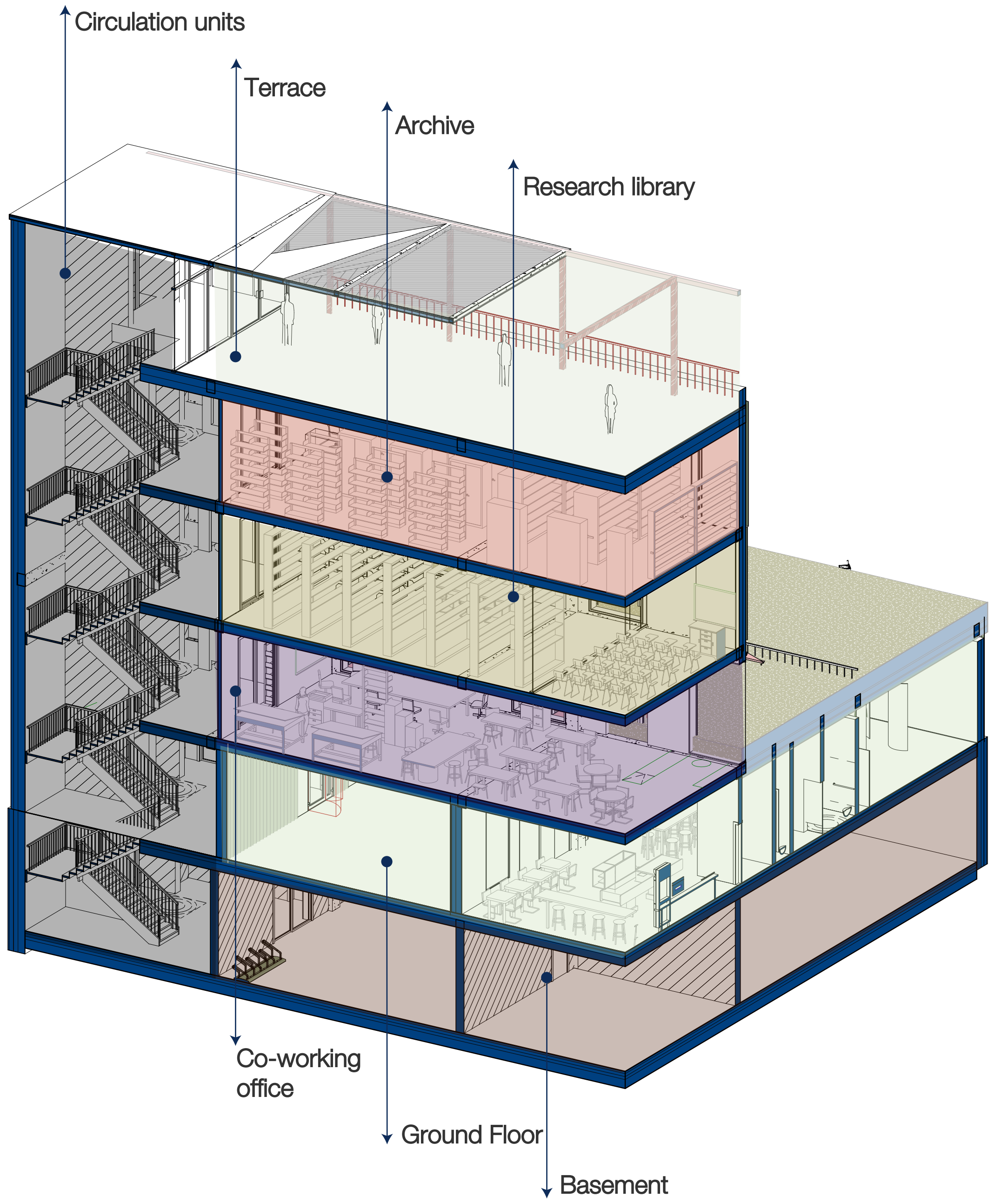


Situated amid neighboring structures, the proposed site occupies a central position within the existing architectural landscape, integrating with its immediate urban surroundings.

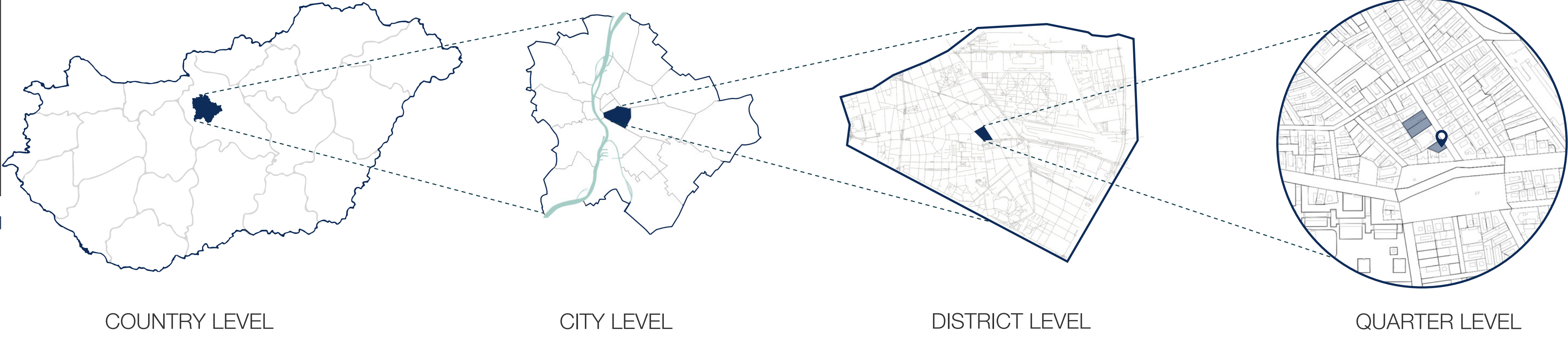
1 Residential 4-story building
The upper levels are designed for living spaces, while the ground floor likely accommodates retail or office functions, contributing to the mixed-use character of the area.

2 Religious facility is a modestly scaled, single-story structure with a tall, central nave and a simple yet striking facade.

Both neighbouring buildings have **fire walls**, creating clear boundaries and enhancing fire safety for proposed site.



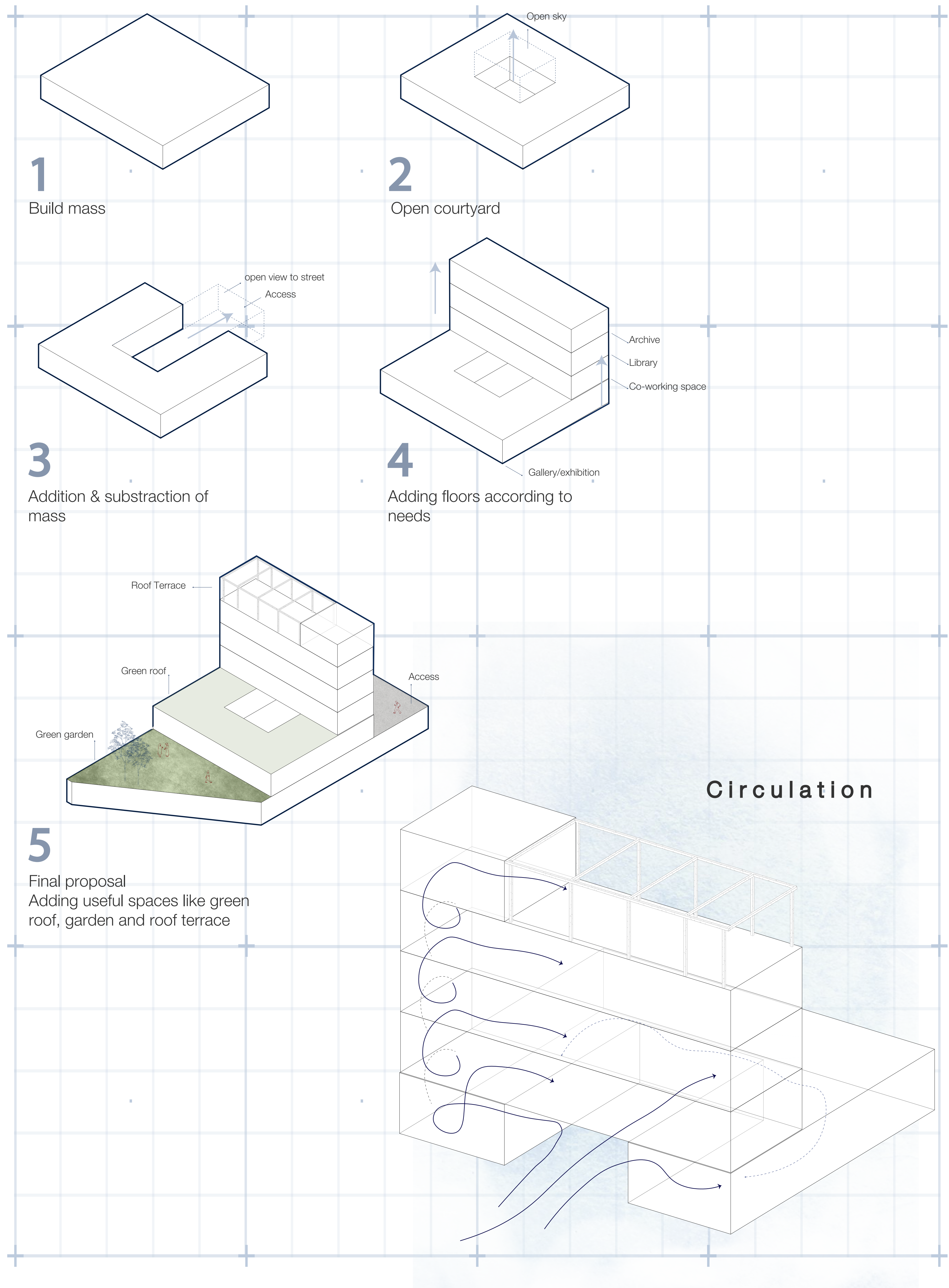
Location



The project site is located in Budapest's 8th district (Józsefváros), within the Magdolna Quarter, an area characterized by a complex urban and social history. The district has traditionally been known for its dense residential fabric, diverse communities, and significant historical layers. In recent years, it has become the focus of various urban regeneration initiatives, aiming to improve living conditions while preserving the area's unique identity.

The specific site lies on Karácsony Sándor utca, a street that reflects the transitional nature of the neighborhood. The immediate context includes a mix of residential buildings, community institutions, and cultural facilities. This location presents a meaningful setting for the Urban Memory Lab, aligning with the project's objectives of engaging with urban memory, community needs, and sustainable development within a historically layered and evolving environment.

Form EvolutionDiagram



Urban Memory Lab

VIII. district, 1084,
Karácsony Sándor u. 35.
Budapest, Hungary

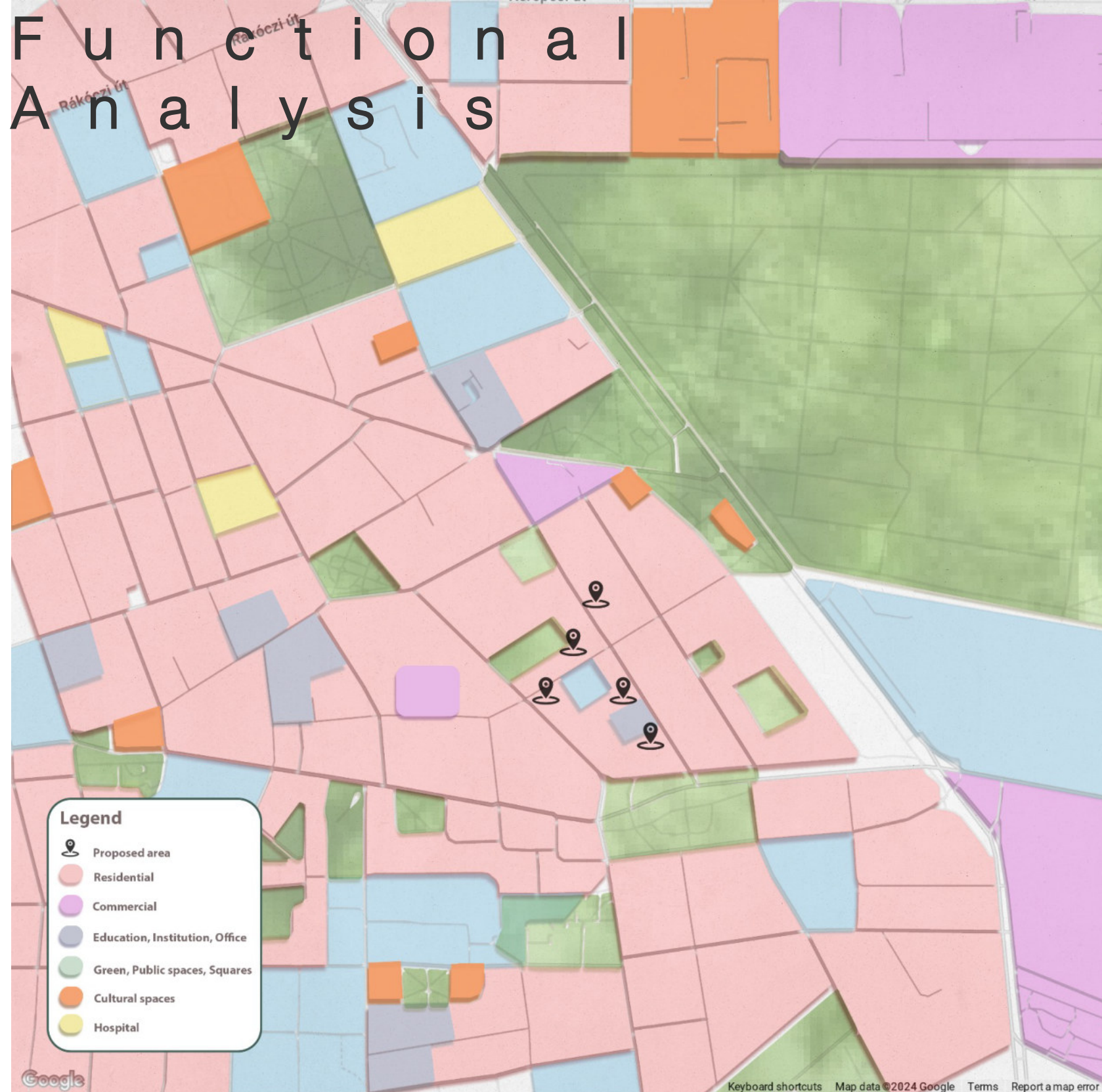
Urban Design Specialization

Diploma / / 2025

Site Photos



Neighbouring Fire-walls



Activity map



Mariam Bulia
Budapest University of Technology and Economics //
Faculty of Architecture //
Department of Urban Planning and Design //

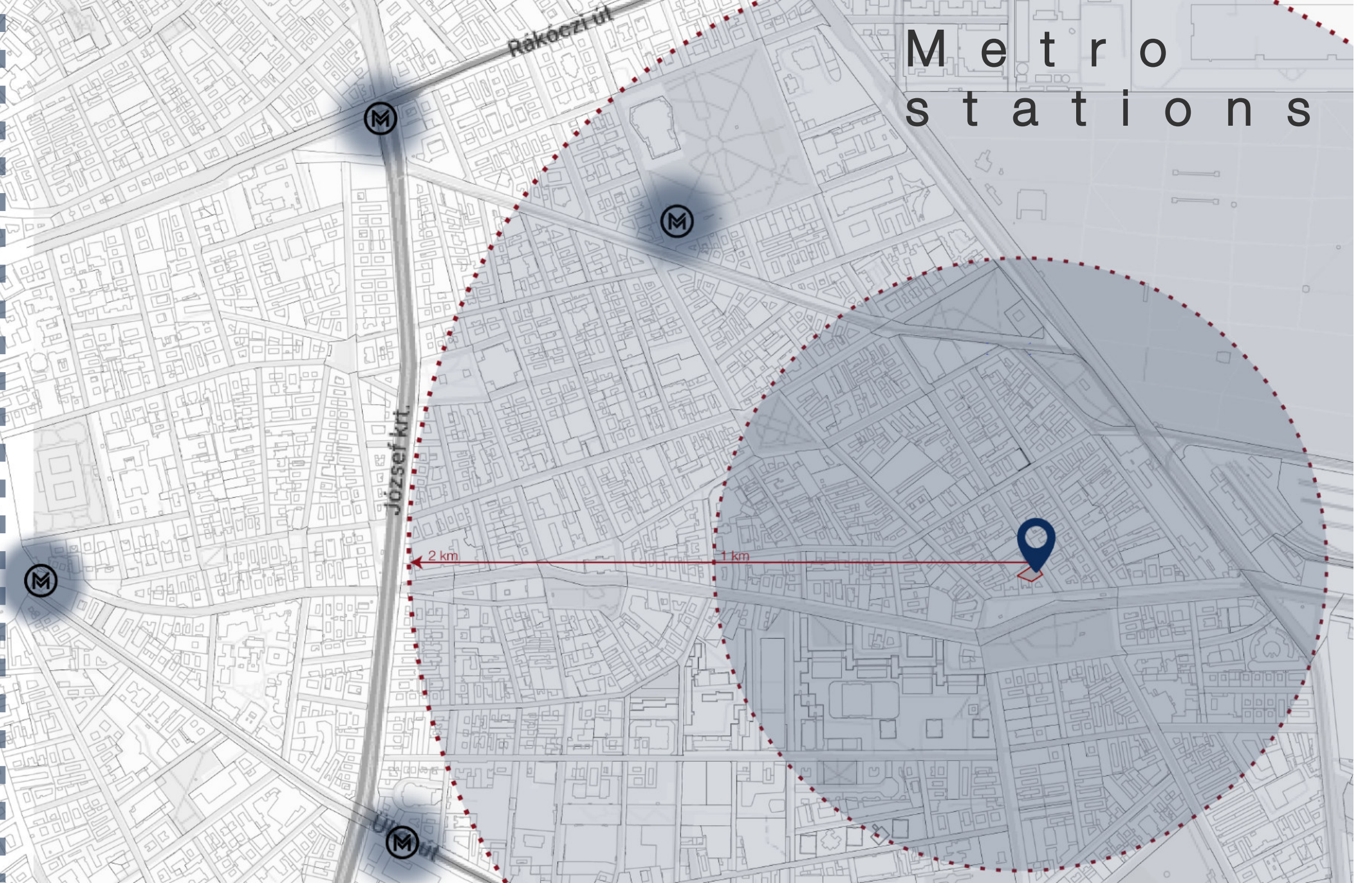
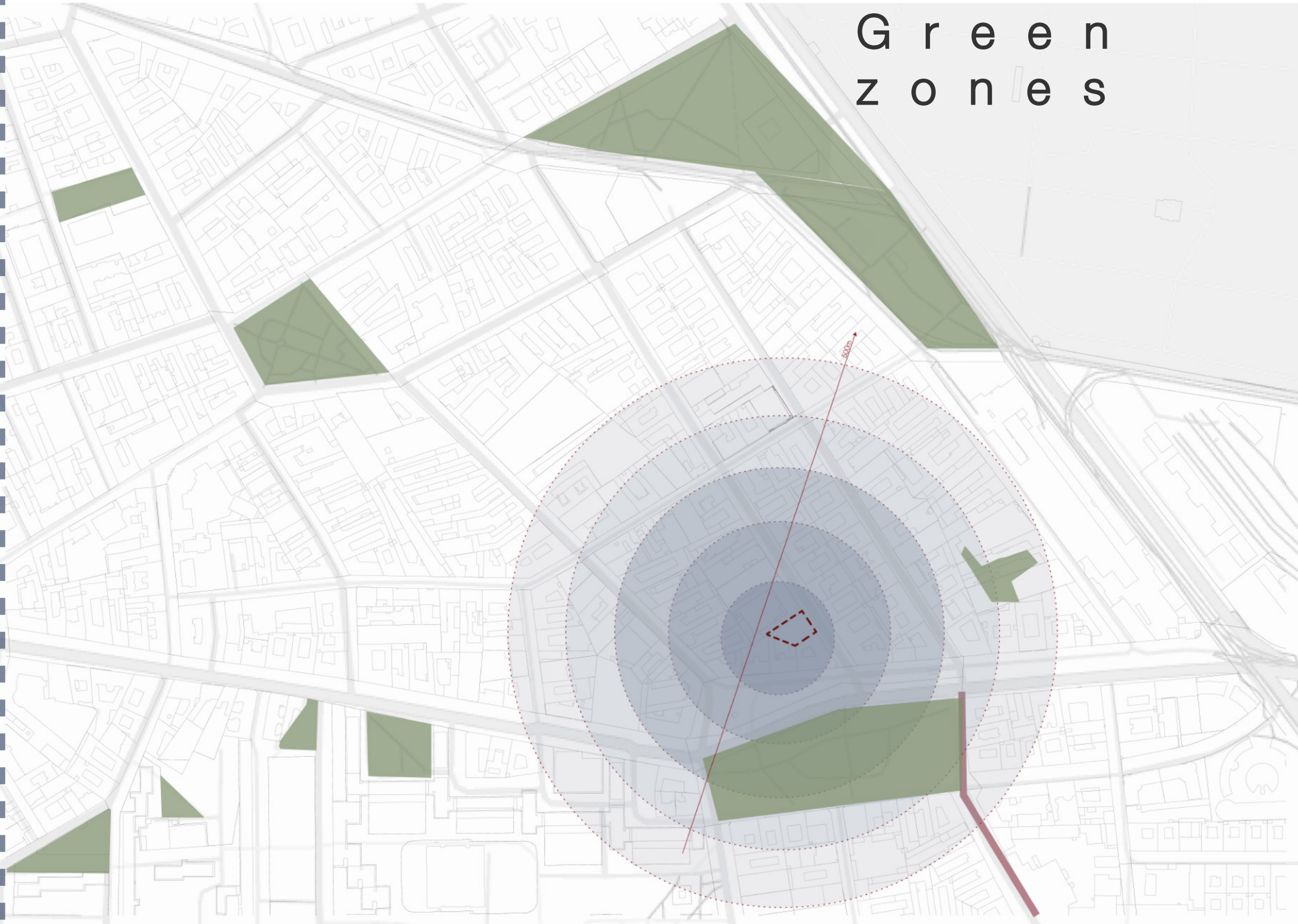
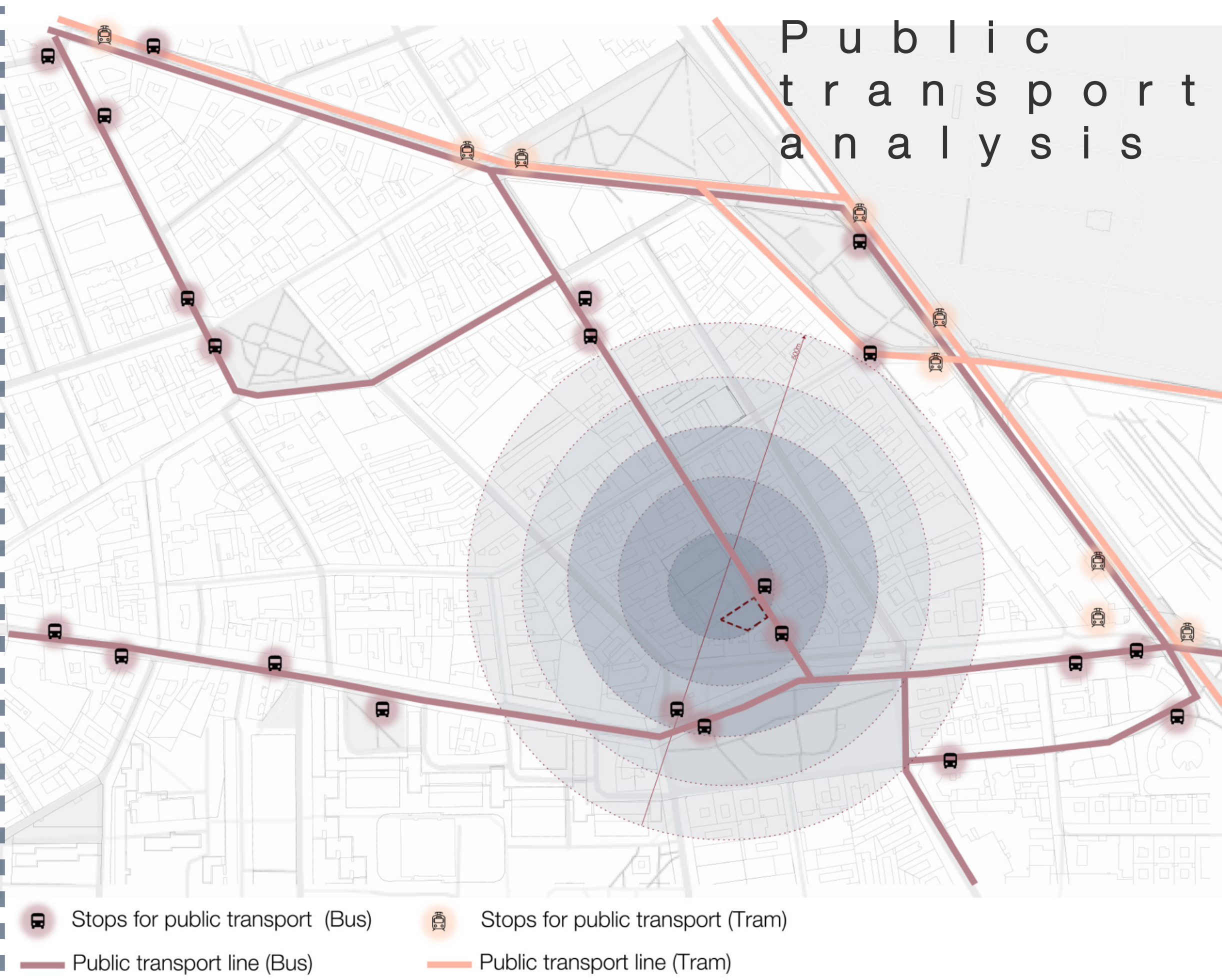
Building heights



Regulations

	A	B	C	D	E	F	G	H	I	J	K	L
1.			Az építési telek kialakítható					Legnagyobb szinterületi mutató		Az épület utcai parkány-magassága	Az épület-magasság	
2.	Építési övezet jele	Beépítési mód	legkisebb terület	legkisebb szélessége	legnagyobb beépítettsége terepszint	legkisebb zöldfelület	általános	park o-lási elő				
3.									felent			alatt
4.					m ²				m			%
									szm ²	szmp	legfeljebb	legkevesebb
5.	Ln-1/M-1	Z	500	18	65 s75	85	15	4,0 s4,5	1,0	1. melléklet szerint		
6.	Ln-1/M-2	Z	500	18	60 s75	85	15	3,5 s4,0	1,0	1. melléklet szerint		
7.	Ln-1/M-3	Z	500	18	50 s75	70	20	3,5 s4,0	0,7	1. melléklet szerint		
8.	Ln-1/M-Kk	SZ	K	K	3	-	40	0,03			-	4,5

Beépítési mód: Z -have to build from one neighboring façade till the other neighboring façade.
Streetfront.
Legnagyobb beépítettség terepszint felett- maximum percentage of the floor area above ground can be built.
Terepszint alatt - under the ground can be built.
Legkisebb zöldfelület - minimum green area.
Szinterületi mutató - the complete floorarea with all the levels divided with the parcel floor area.



Urban Memory Lab

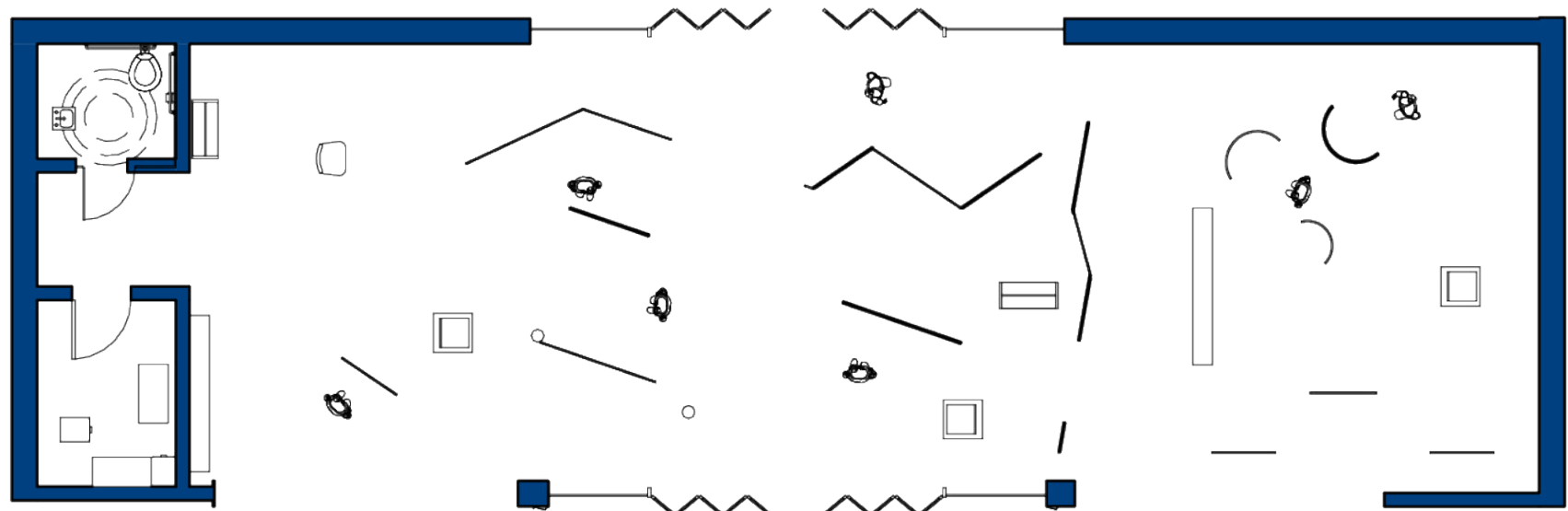
VIII. district, 1084,
Karácsony Sándor u. 35.
Budapest, Hungary

Proposal for Gallery/ workshop area

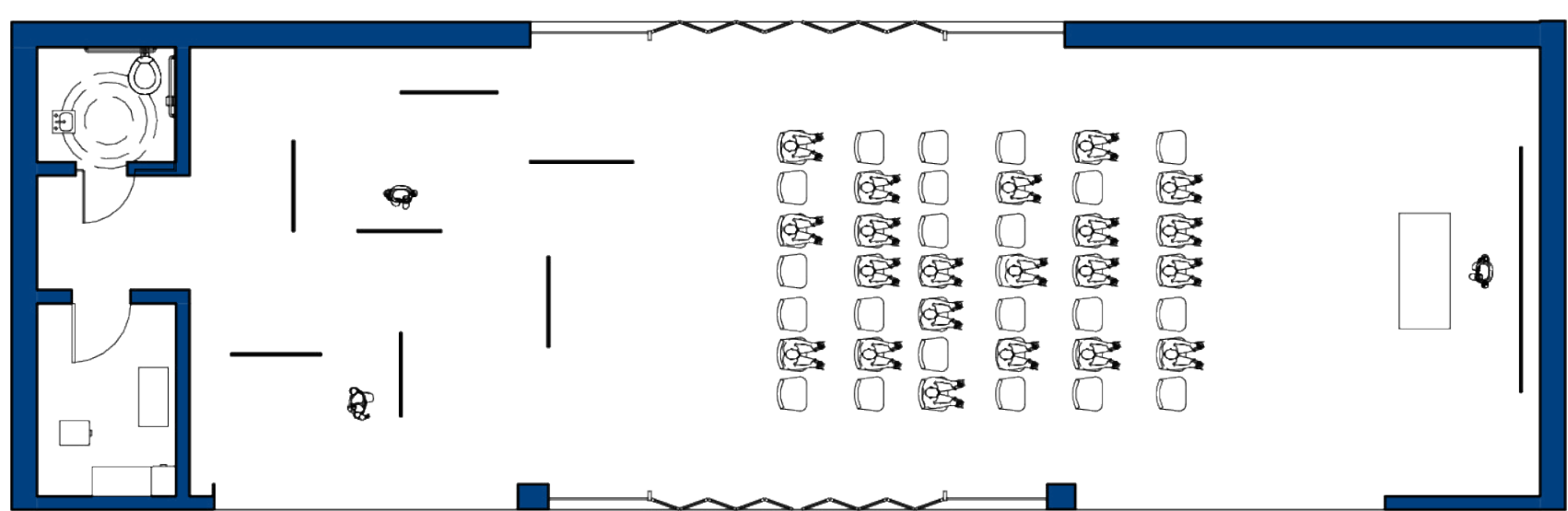
The flexible, rotatable gallery/workshop space allows for diverse event configurations, supporting a dynamic exchange of ideas and fostering community engagement.

D i p l o m a

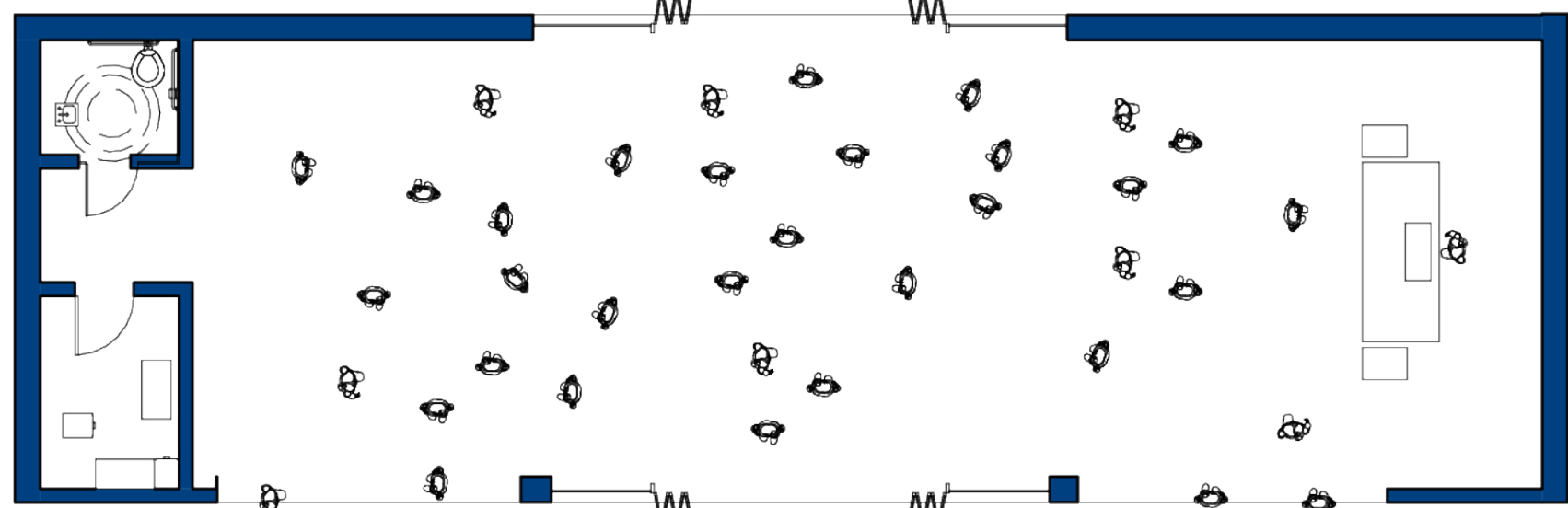
/ / 2 0 2 5



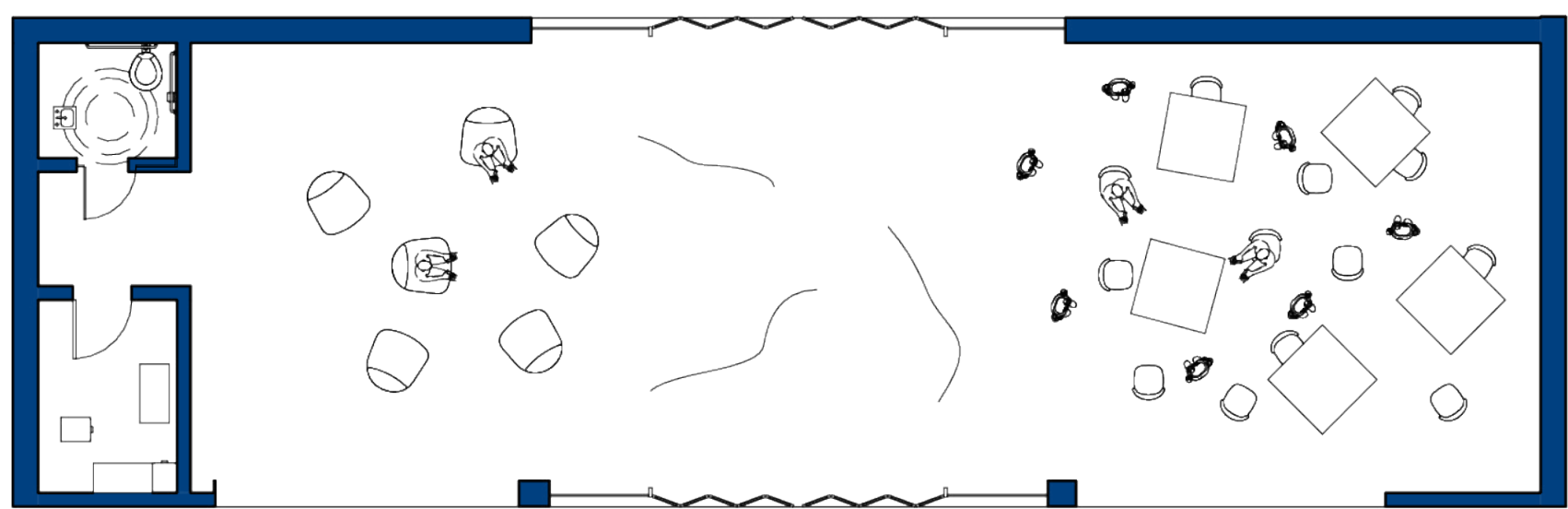
1



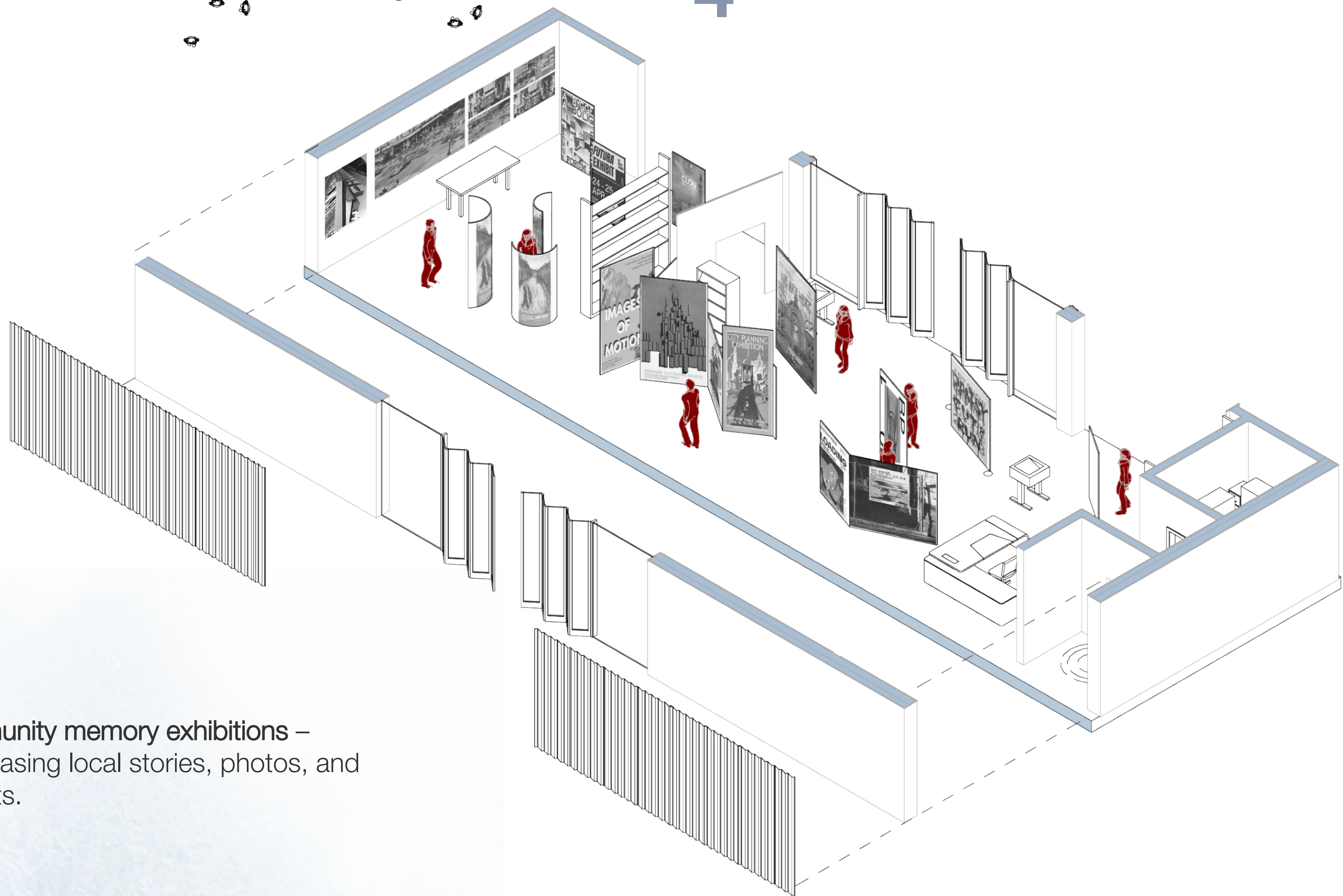
2



3



4



1 Community memory exhibitions – showcasing local stories, photos, and artifacts.

2 Public lectures or talks – on sustainability, heritage, or urban transformation.

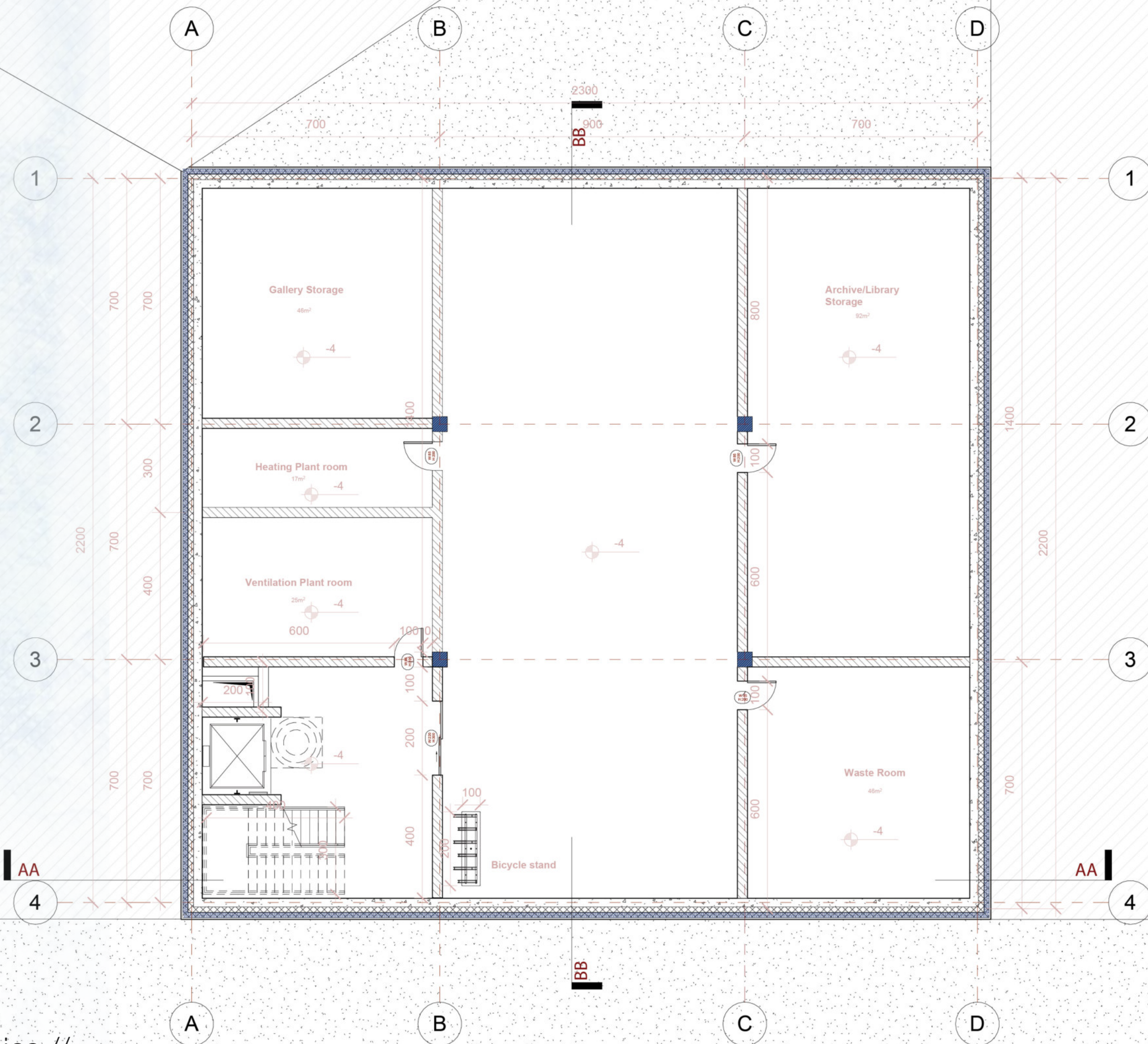
3 Pop-up screenings or performances – connecting memory with contemporary culture.

4 Collaborative workshops – co-creating installations or models related to urban change.

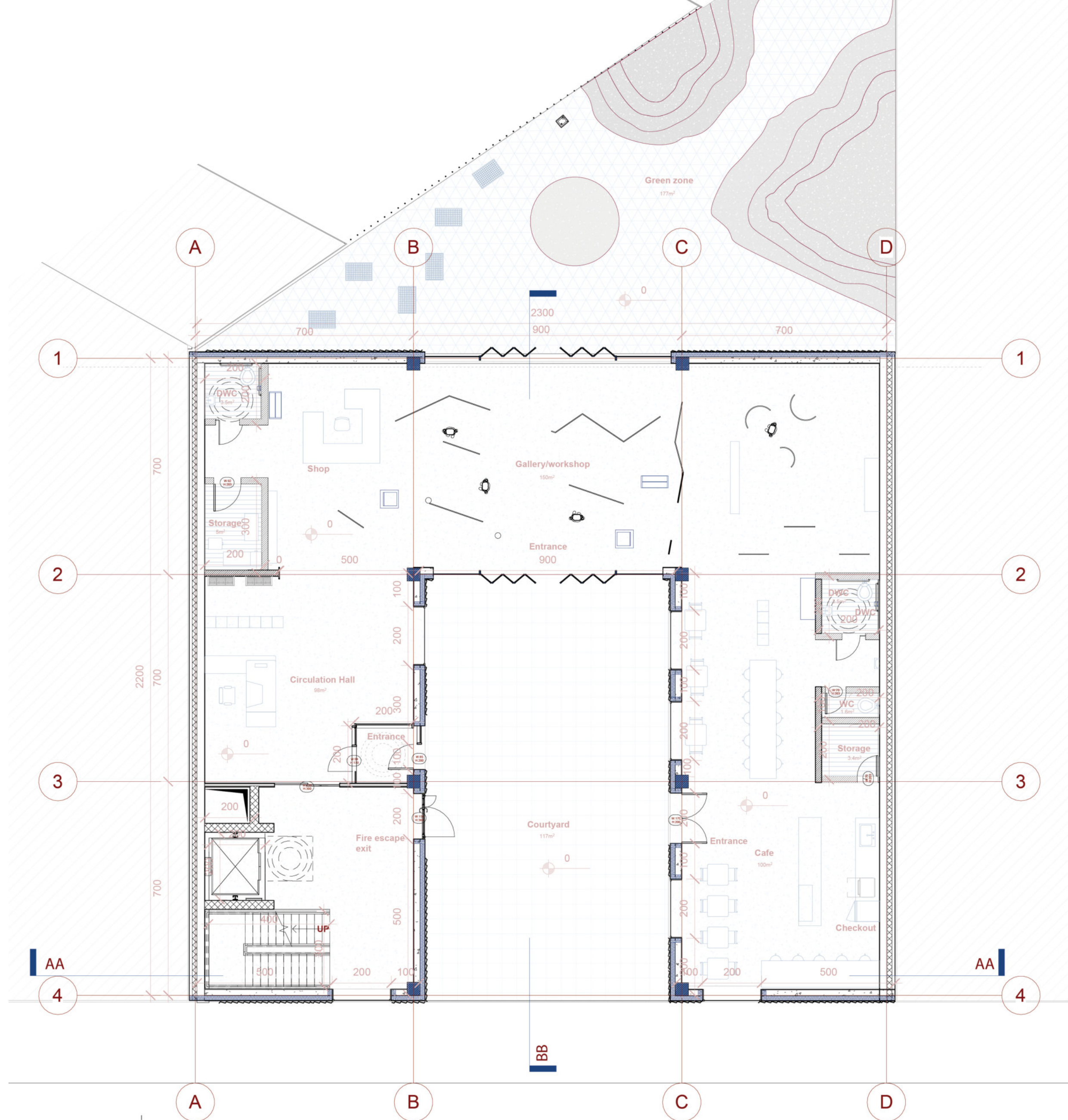
Activities can vary from rotating artist residencies – inviting artists to respond to the site's history, to interactive mapping sessions – residents contributing to a shared memory map.

Each event reflects building's role as an Urban Memory Lab—a space that bridges past and future through collective participation.

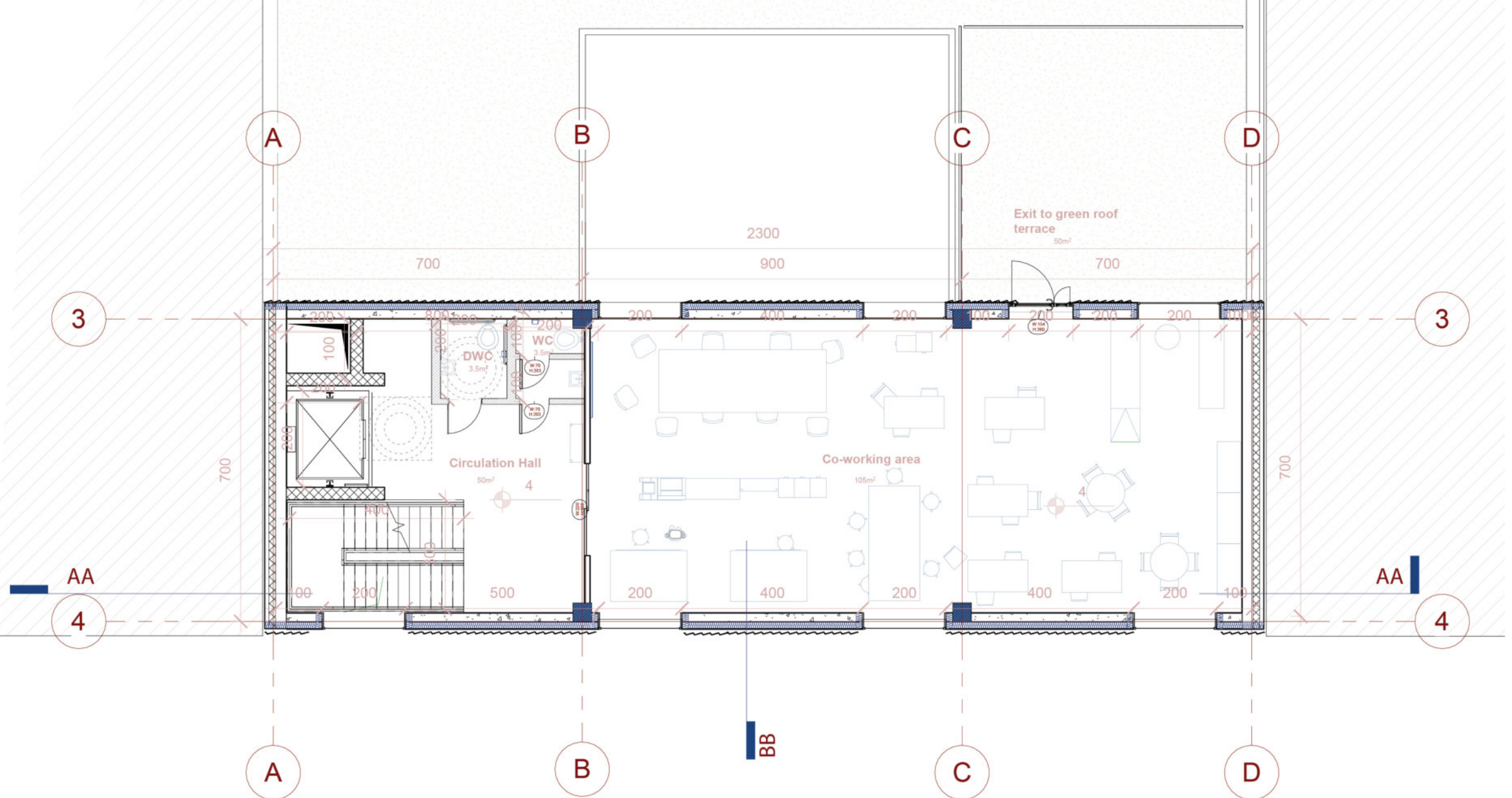
Basement plan 1:100



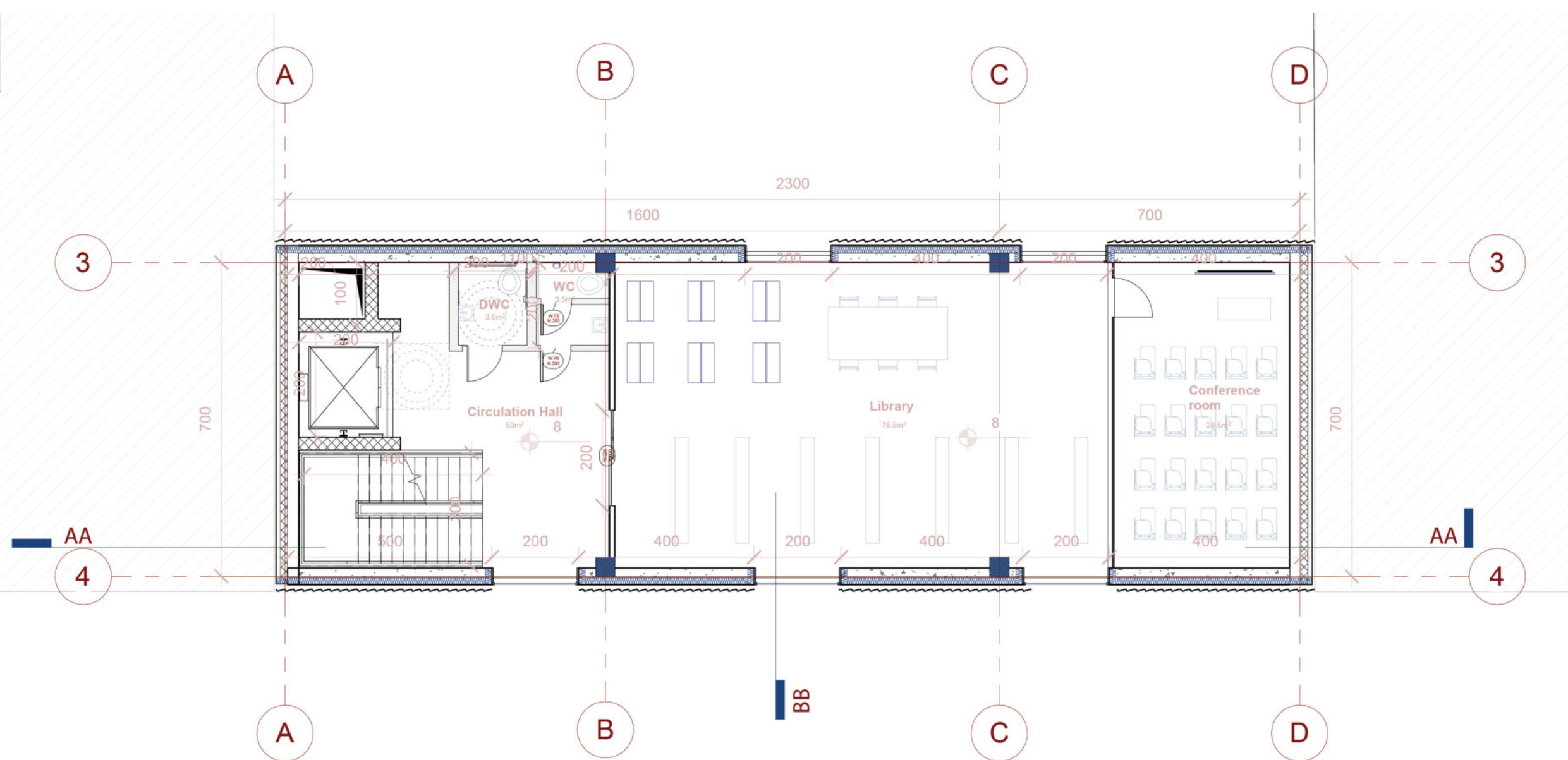
Ground floor plan 1:100



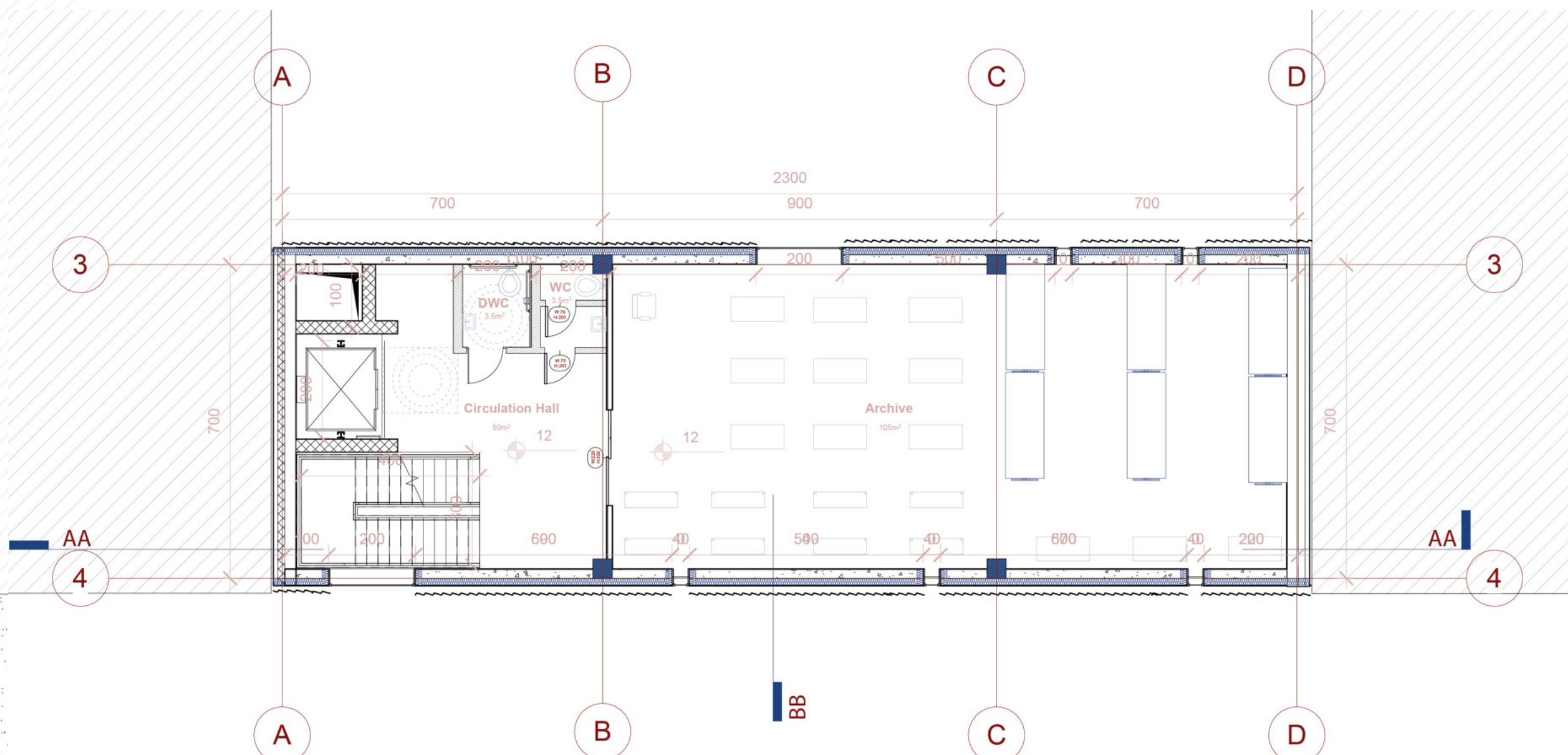
First floor plan 1:100



Second floor plan 1:100

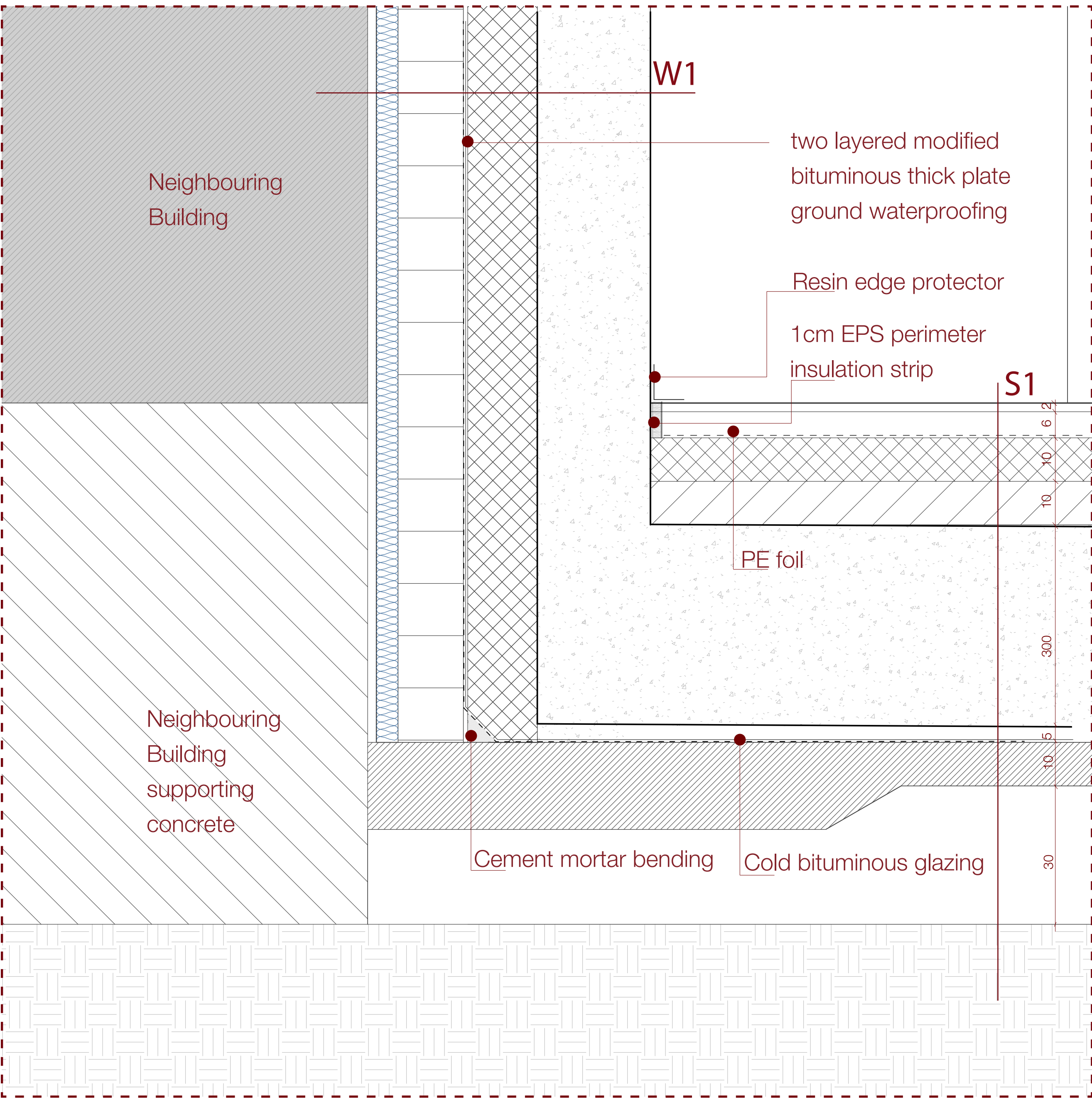


Third floor plan 1:100

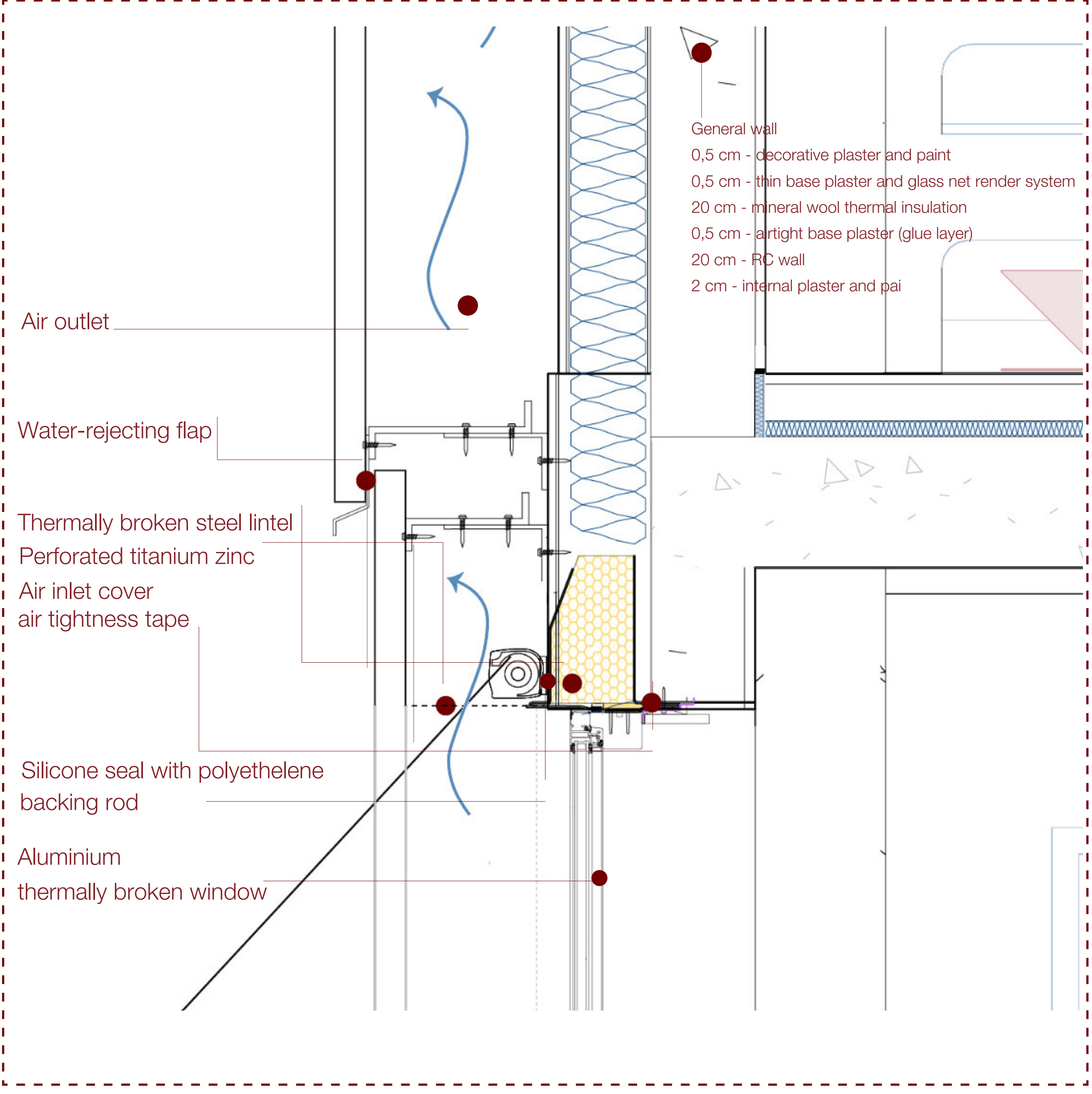


Mariam Bulia

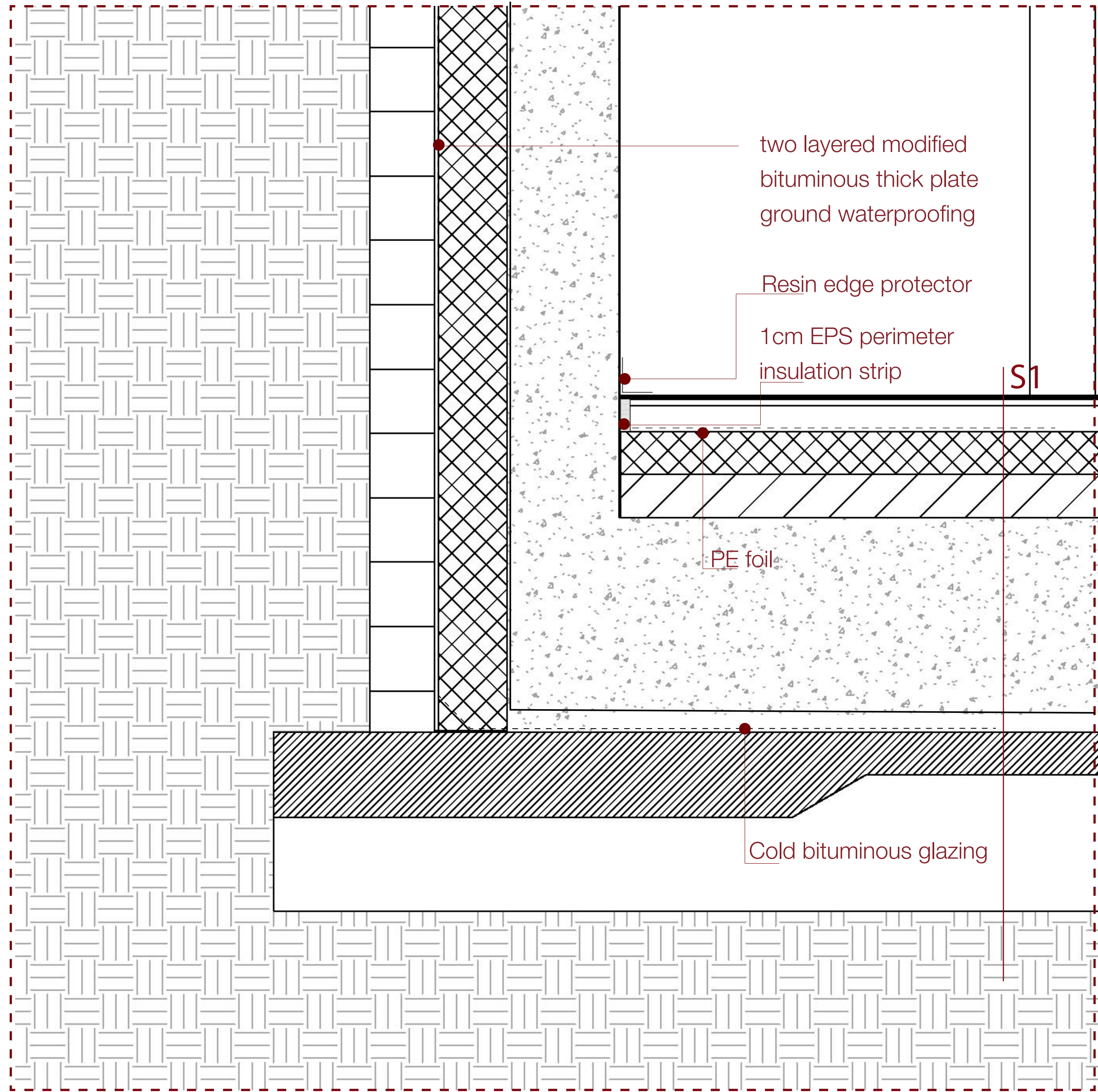
Budapest University of Technology and Economics //
Faculty of Architecture //
Department of Urban Planning and Design //



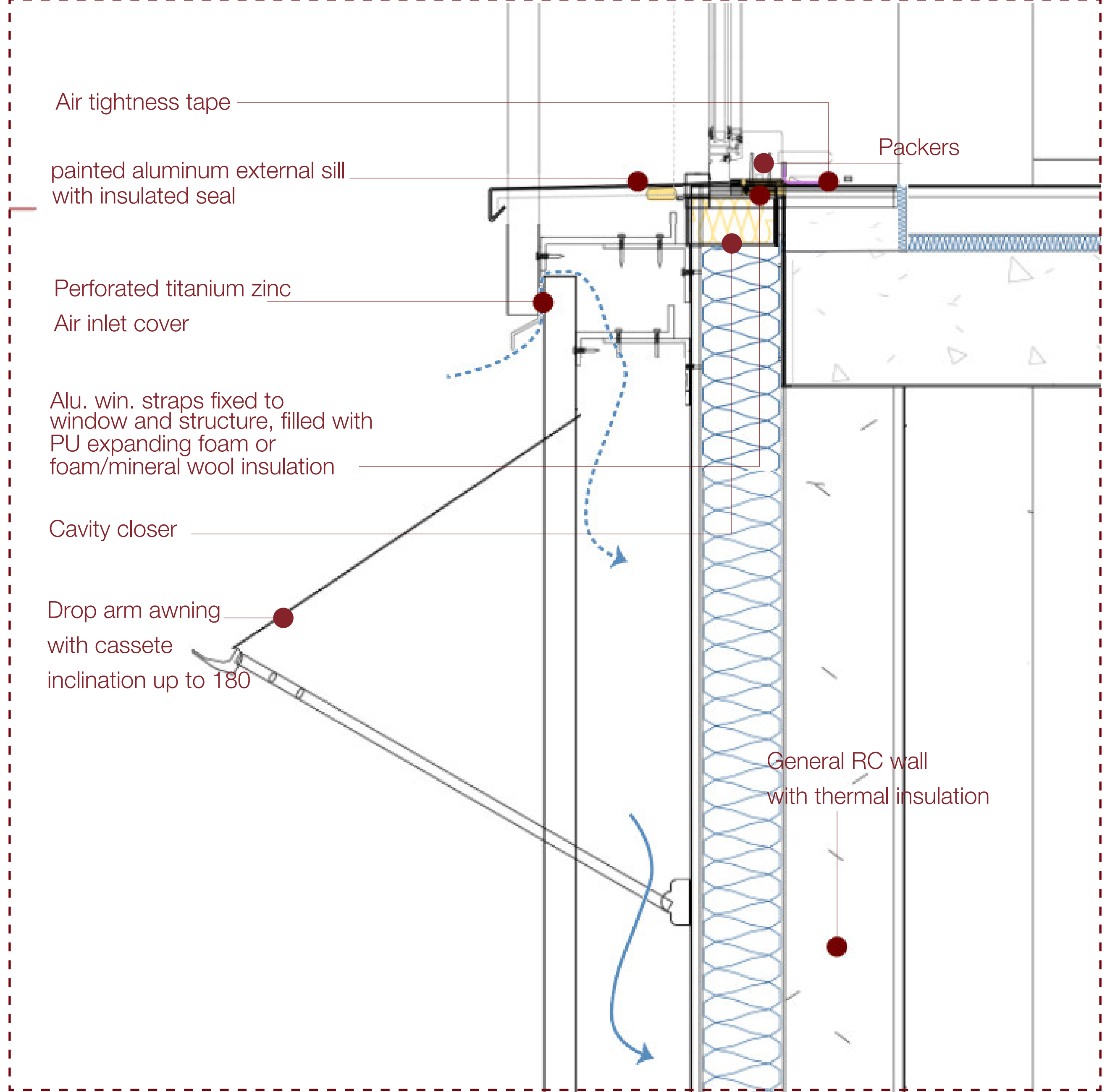
D1: Foundation, besides neighboring building



D3: Window top + Cladding detail



D2: Foundation, general



D4: Window sill + Cladding detail

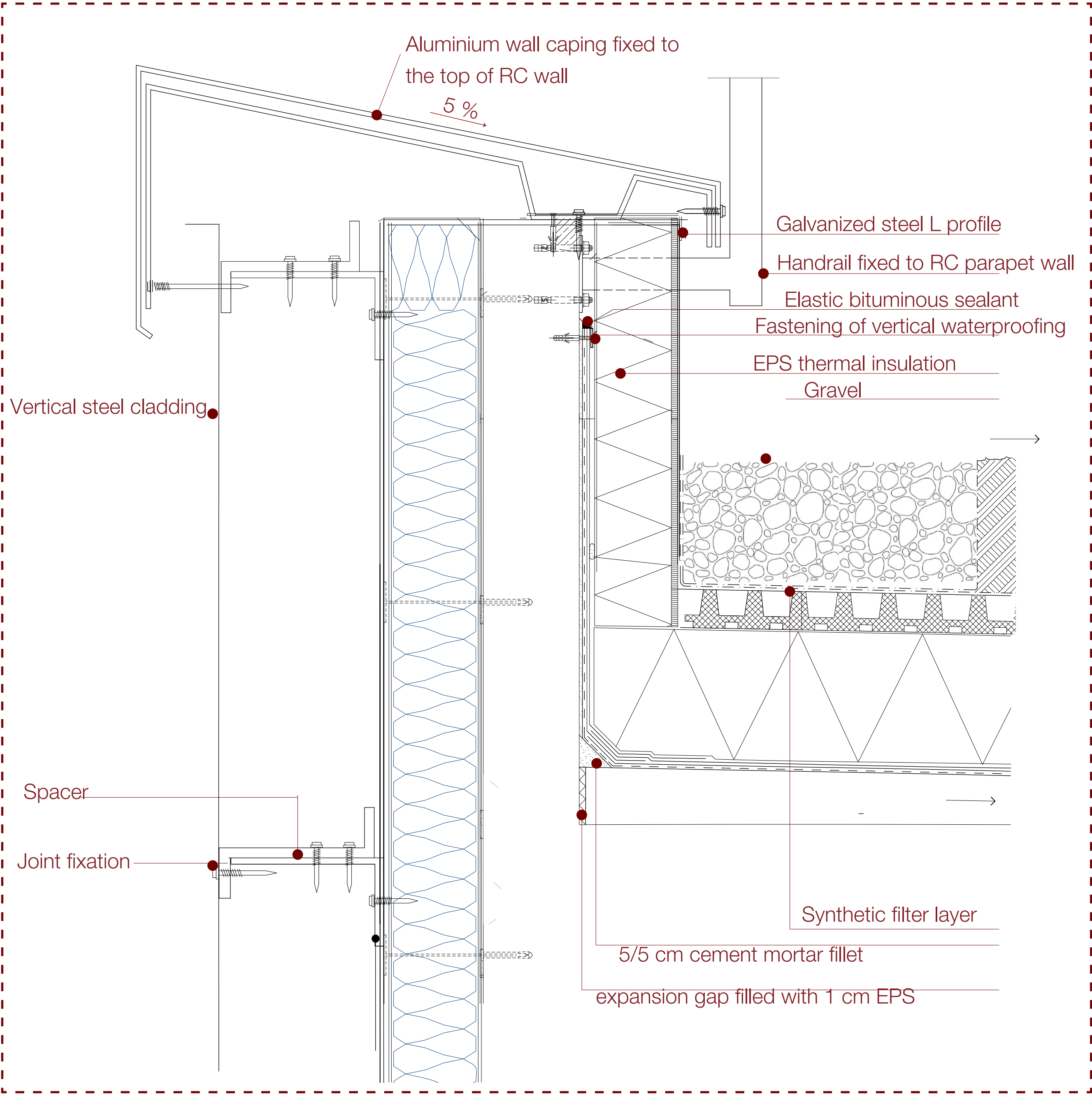
↓ Basement

Urban Memory Lab

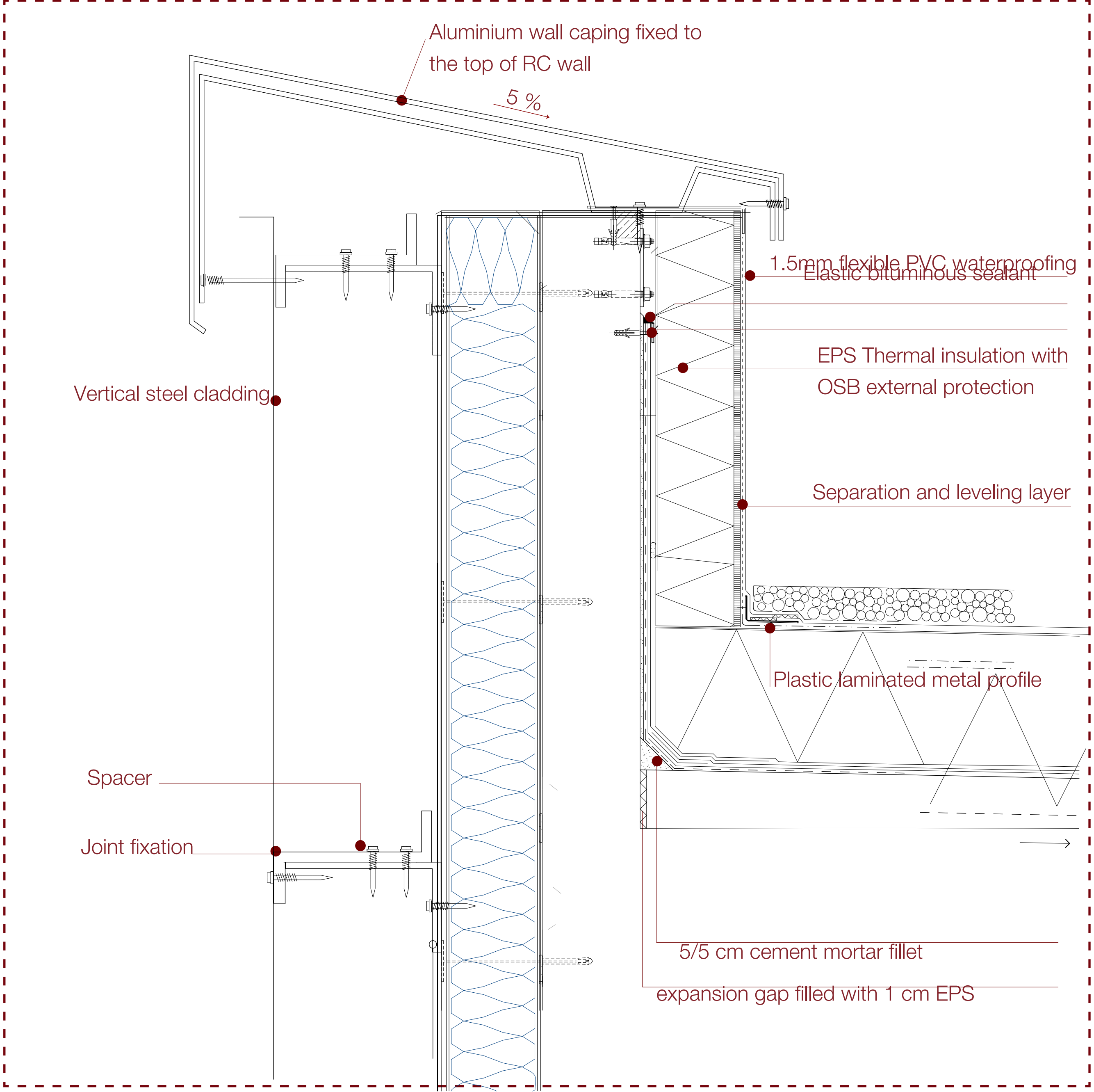
VIII. district, 1084,
Karácsony Sándor u. 35.
Budapest, Hungary

D e t a i l d r a w i n g s

D i p l o m a / / 2 0 2 5



D5: Green Roof Detail

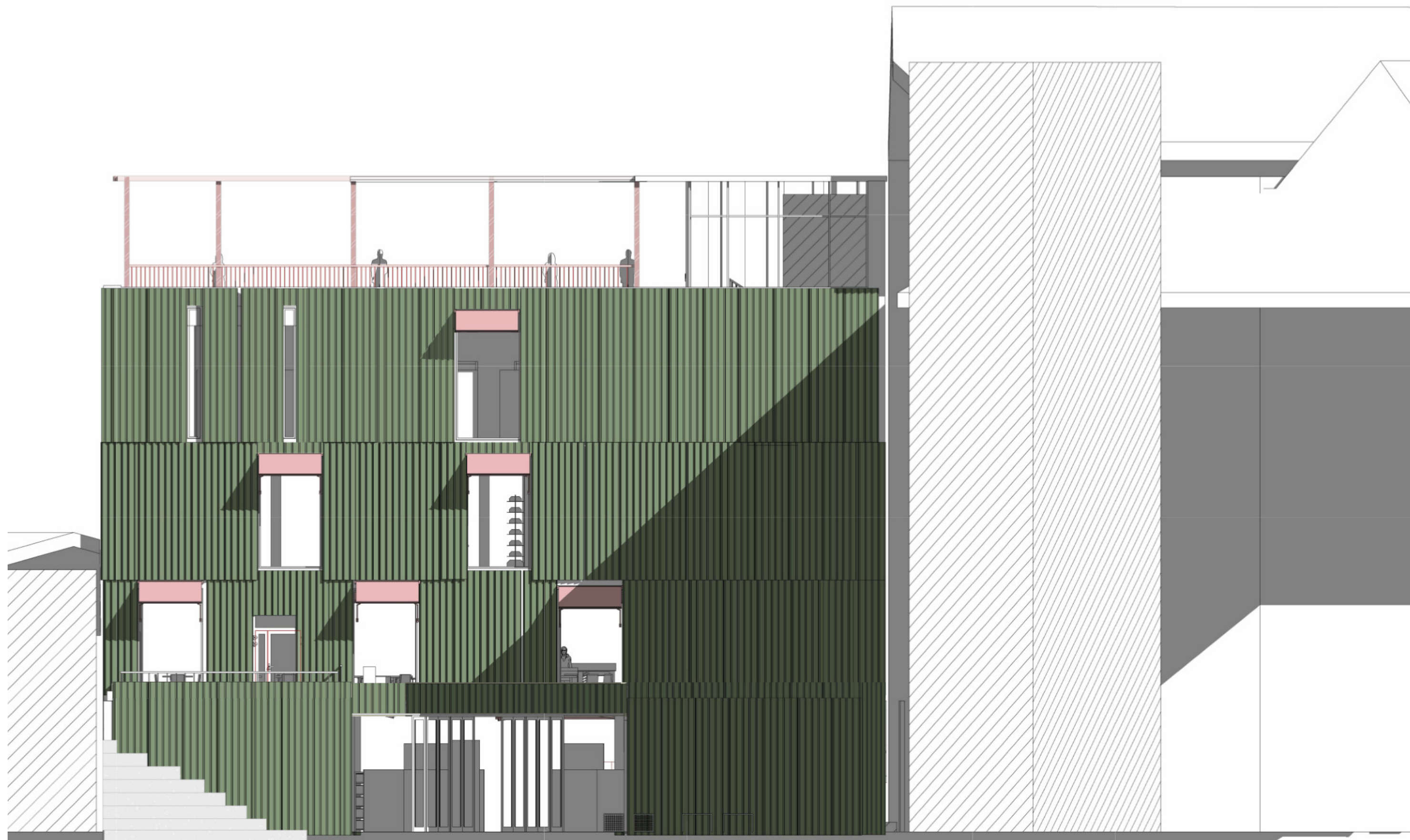


D6: Flat Roof Detail

E l e v a t i o n
S c a l e 1 : 1 0 0

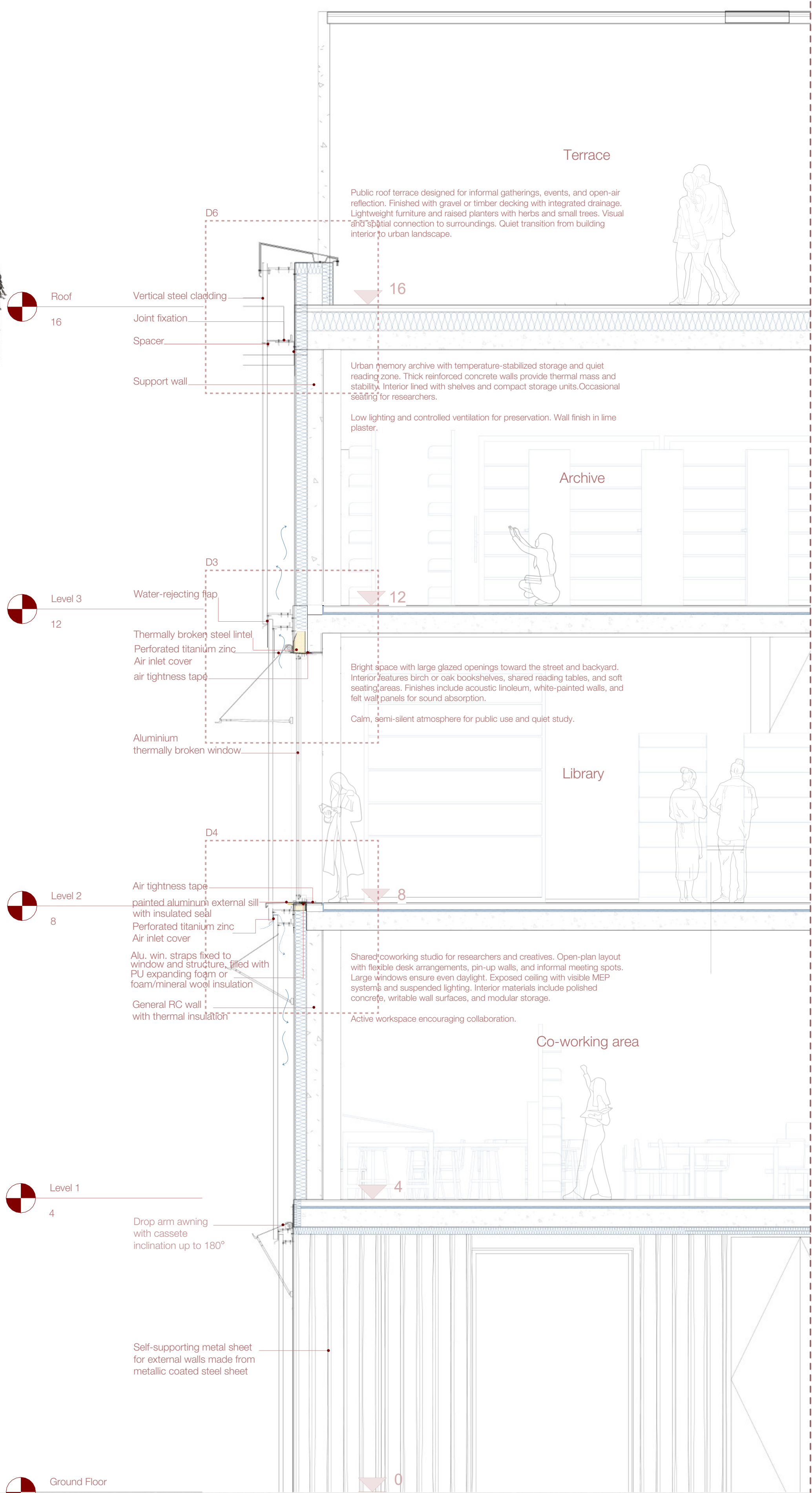
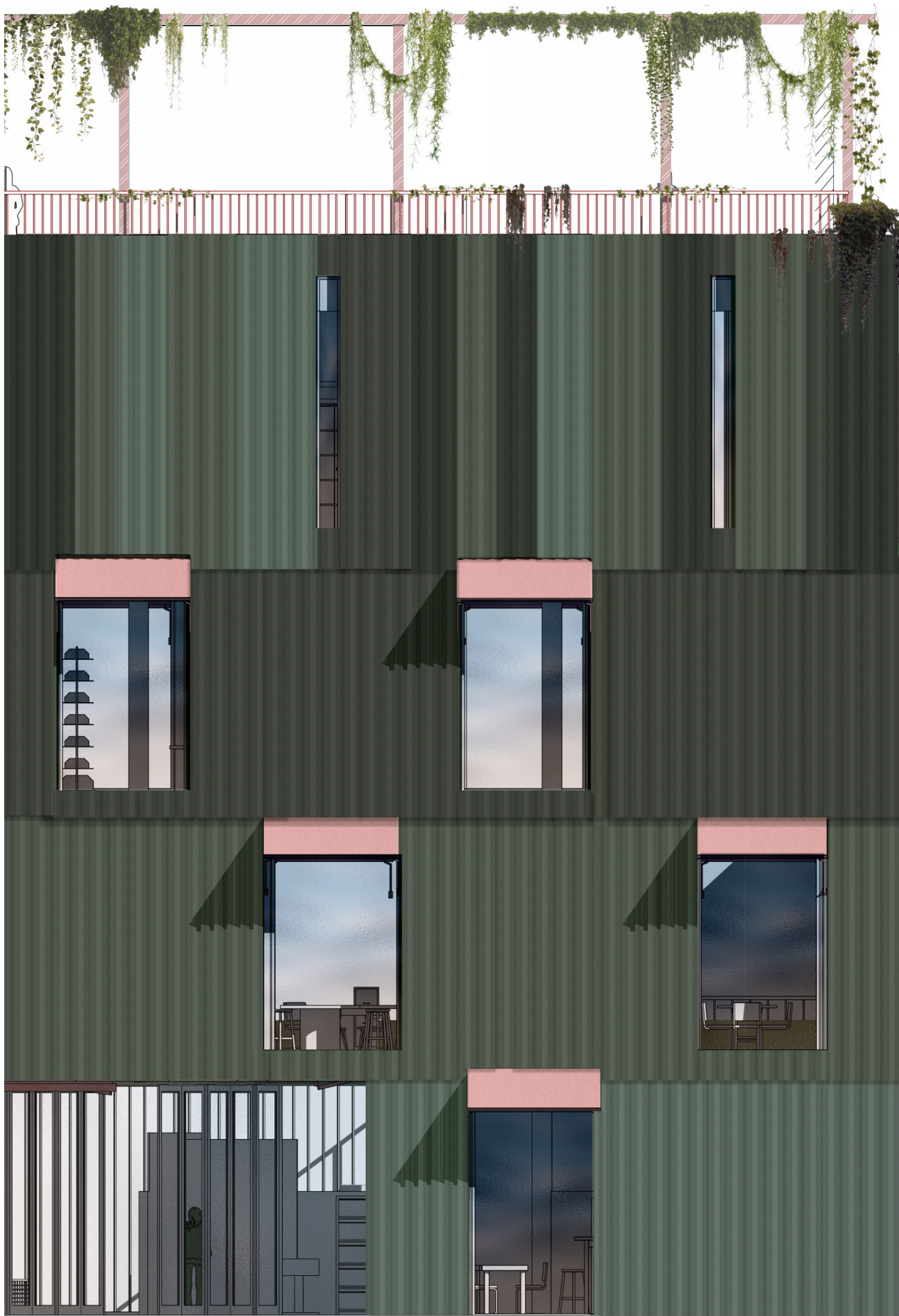


E l e v a t i o n
S c a l e 1 : 1 0 0



Urban Memory Lab

VIII. district, 1084,
Karácsony Sándor u. 35.
Budapest, Hungary



SECTION ELEVATION
SCALE 1:20

Mariam Bulia
Budapest University of Technology and Economics //
Faculty of Architecture //
Department of Urban Planning and Design //

Urban Memory Lab

VIII. district, 1084,
Karácsony Sándor u. 35.
Budapest, Hungary

D i p l o m a

/ / 2 0 2 5

S i t e p l a n s & V i s u a l s

