

Industrial Park
PORTFOLIO

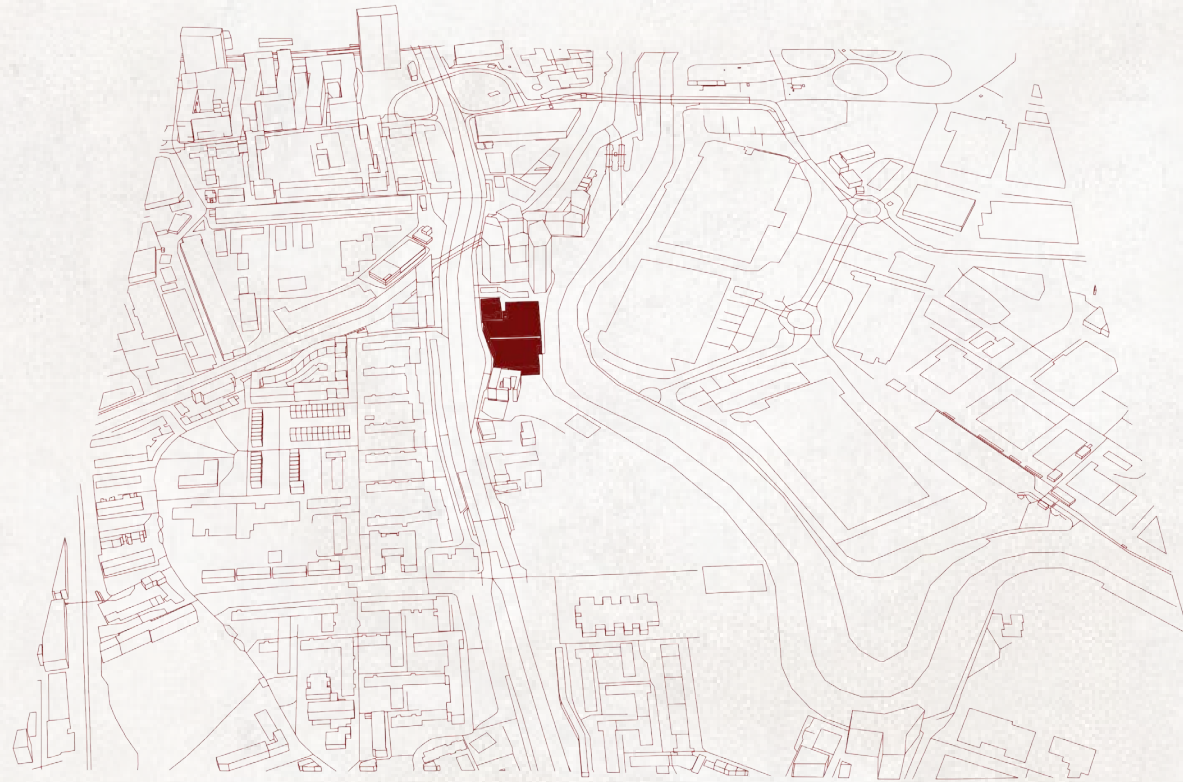
Francesca Martinello



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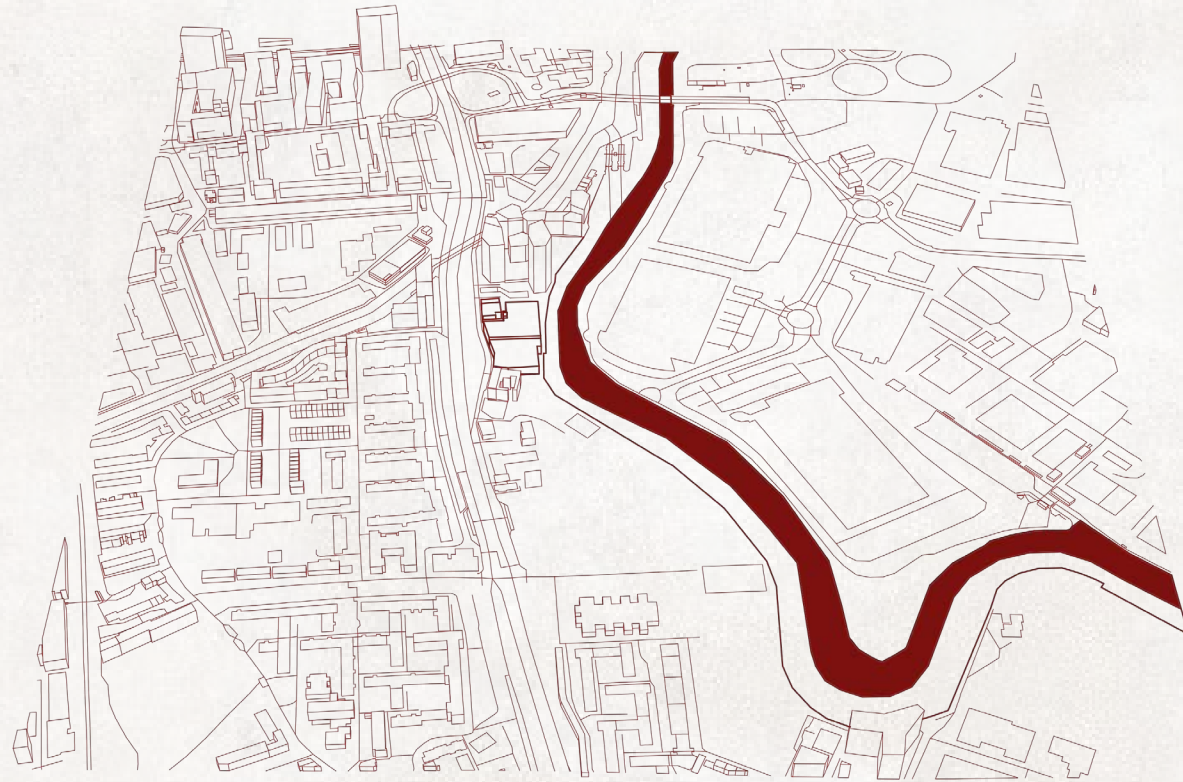
1. Context
2. History
3. Use
4. Design process
5. Design proposal

1. CONTEXT



The building
23 Gillender St, London E3 3JX

23-24 Gillender Street is a 170,00 sq ft part Victorian and part 1930's modernist warehouse in the London Borough of Tower Hamlets.



River Lea

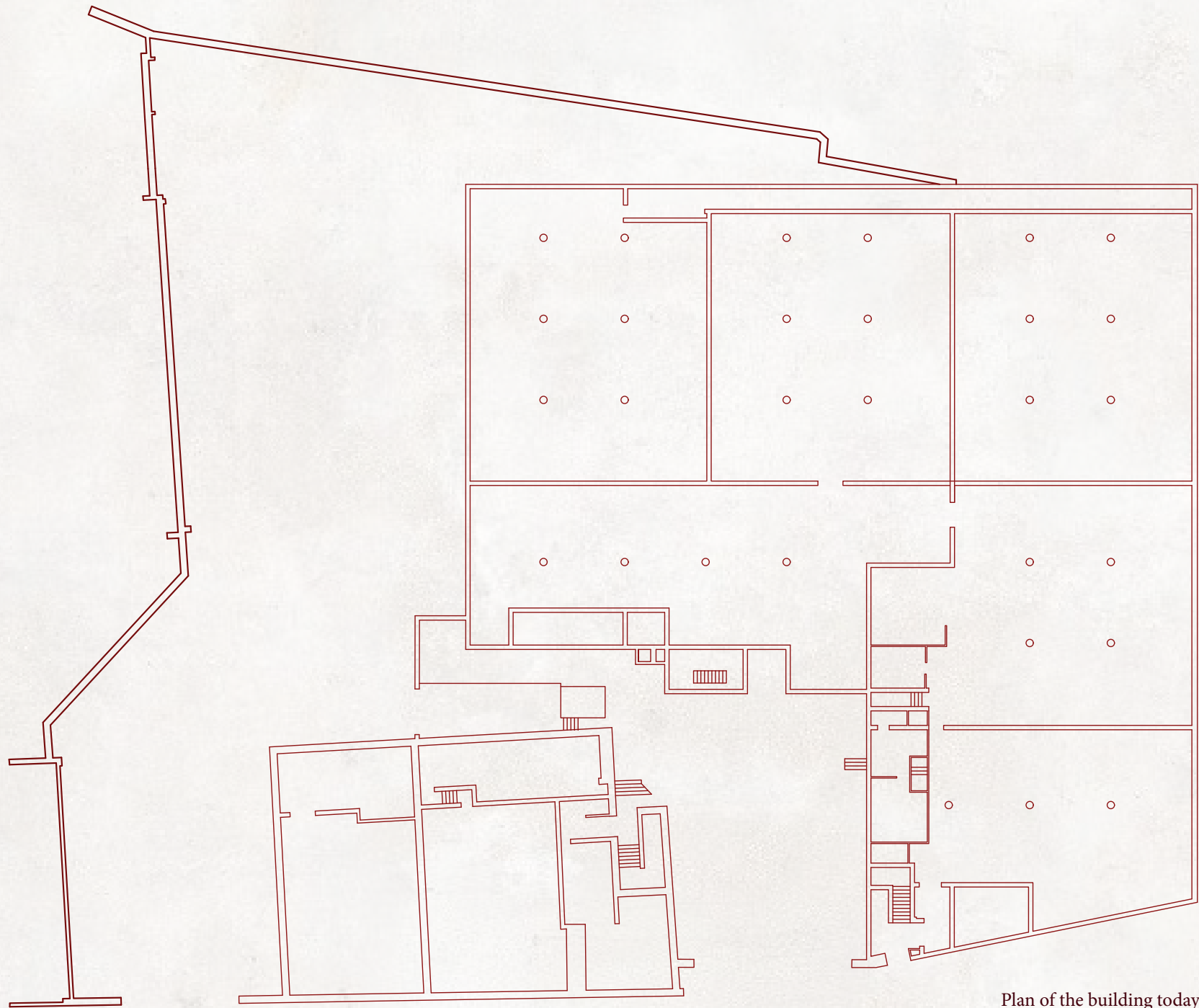
The site is bounded by the River Lea to the east which also act as the boundary between London Borough of Tower Hamlets and London Borough of Newham, and Gillender Street to the west, and beyond which is the A12 Blackwall Tunnel Northern Approach.



Motorway A12

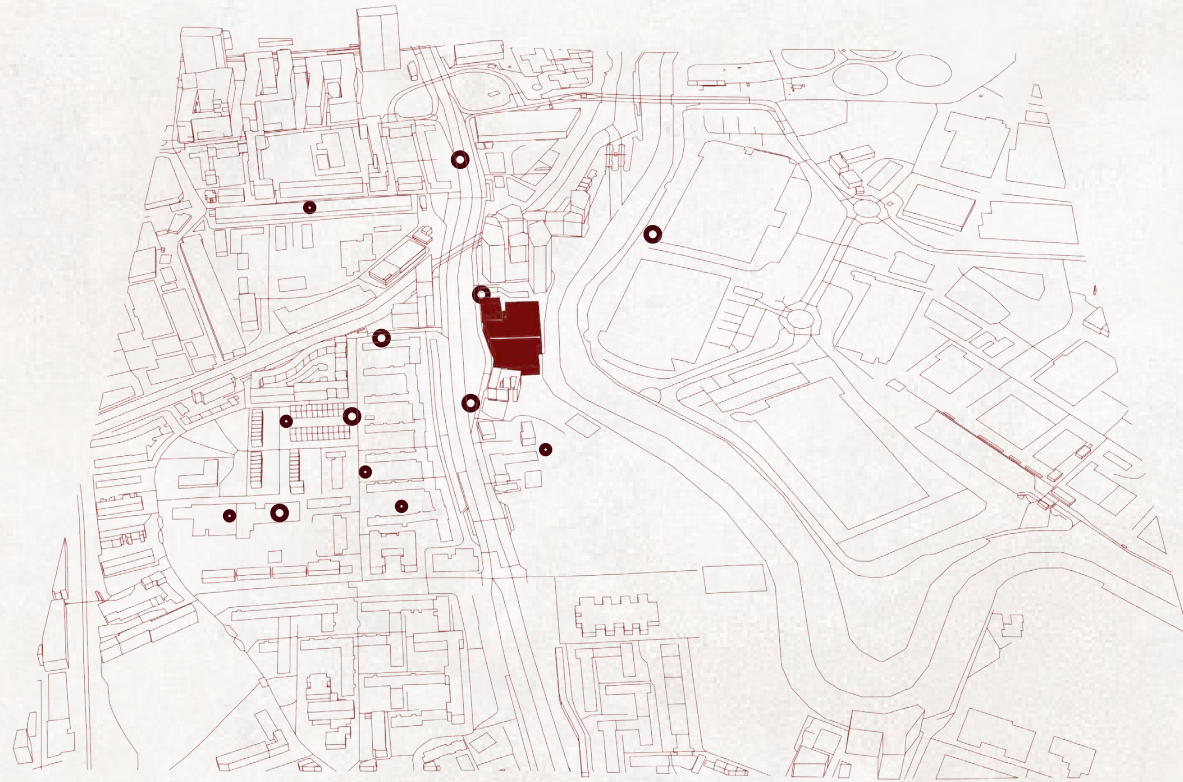


23-24 Gillender Street picture



Plan of the building today

2. HISTORY



Aggregate night time bomb census 7th October 1940 to 6 June 1941

The site forms part of the historic industrial landscape. The northern part of the site dates back to the first half of the 19th century. The adjoining storey building was built during the 1930s and is of a modernist architectural style, clearly defining its industrial use.



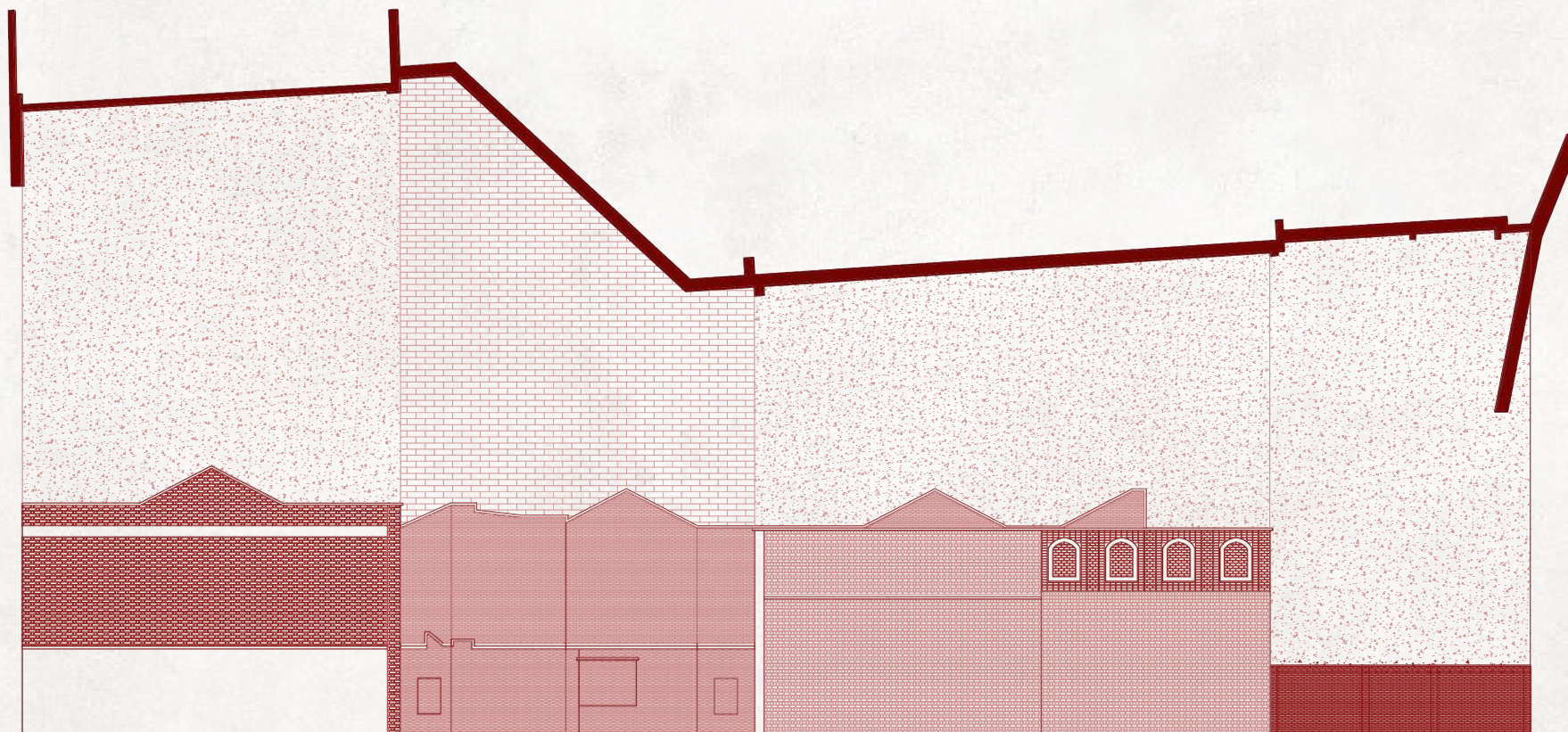
Building dated back to the first half of the 19th century



Building built during the 1930s



Plan of the building today



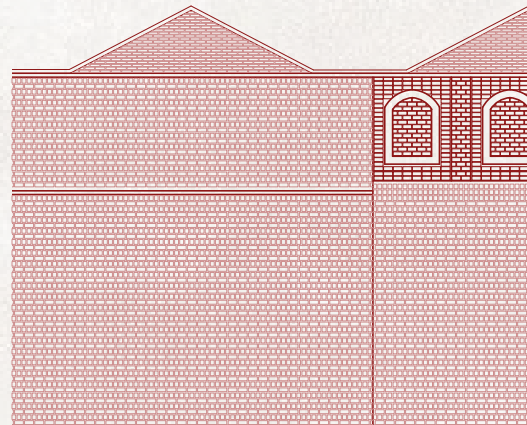
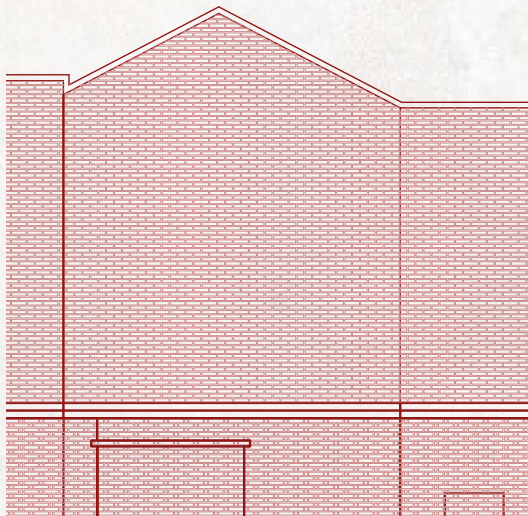
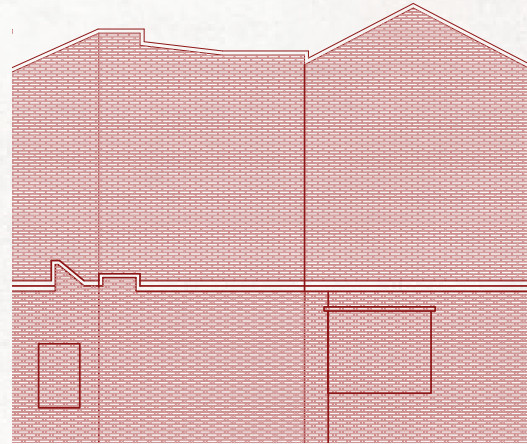
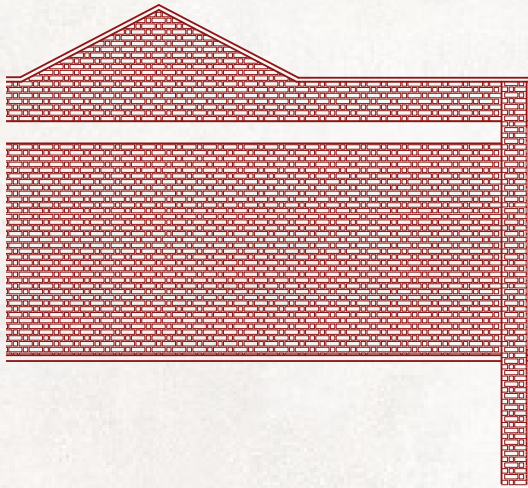
Plan, facade and flooring of the wall dated back to the first half of the 19th century



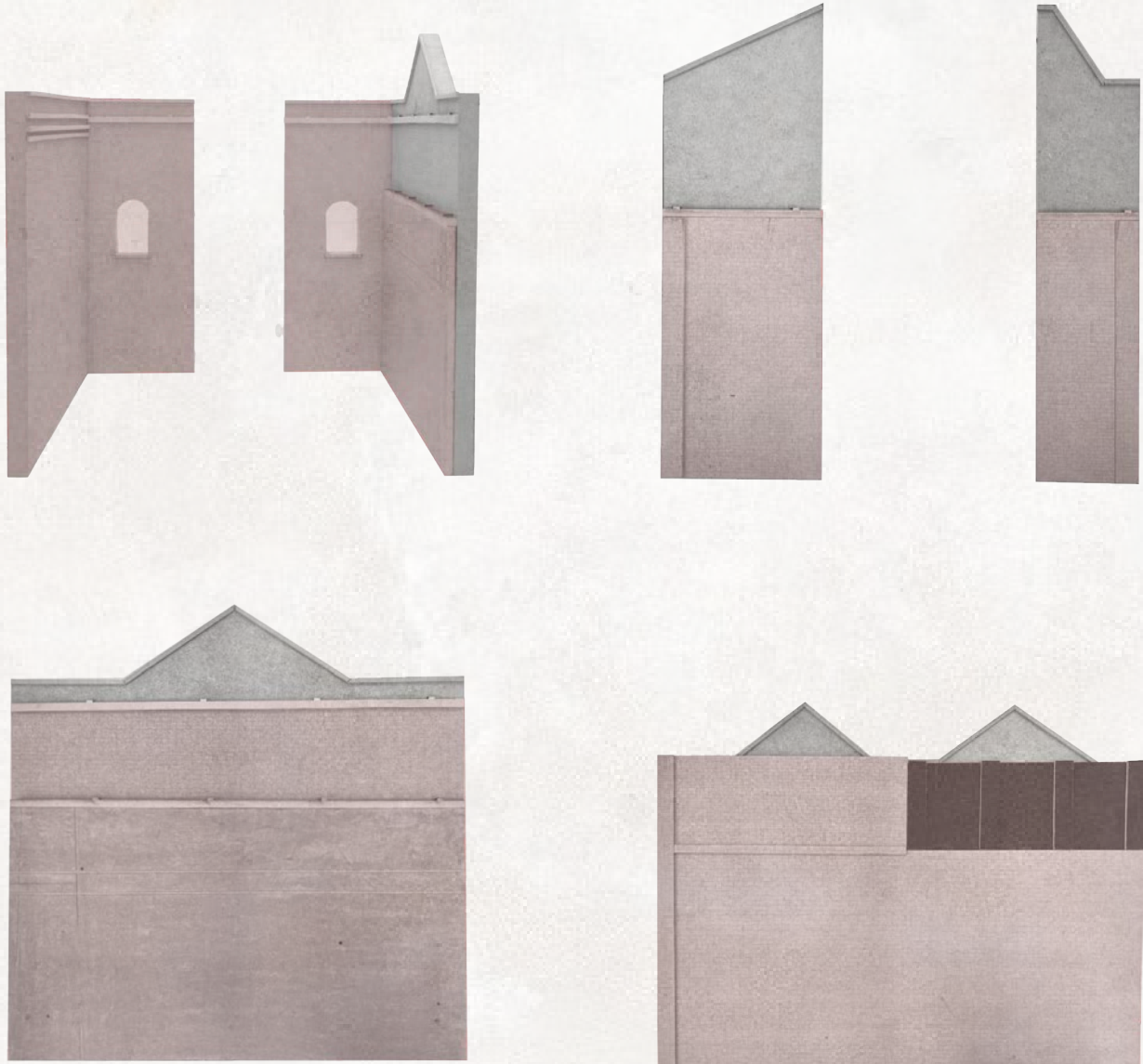
Picture of the wall today



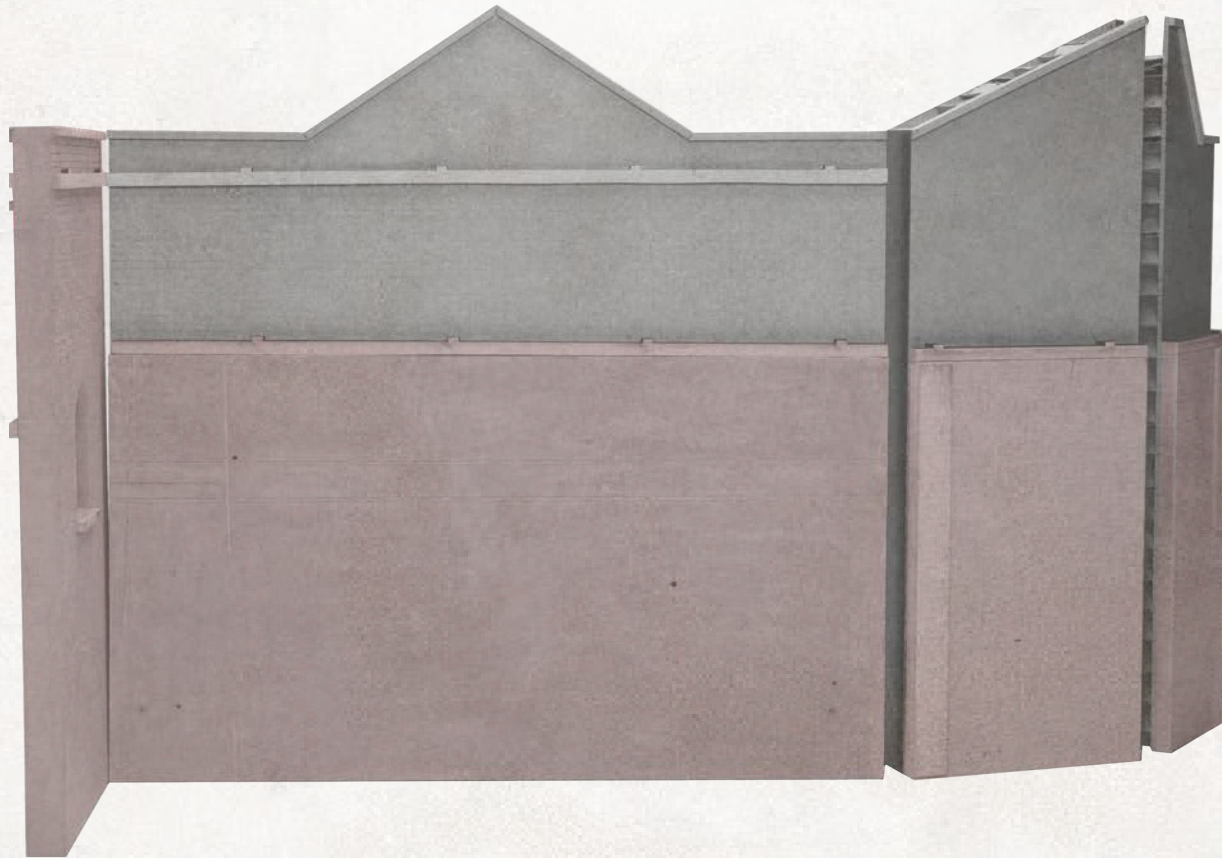
Picture of the wall today



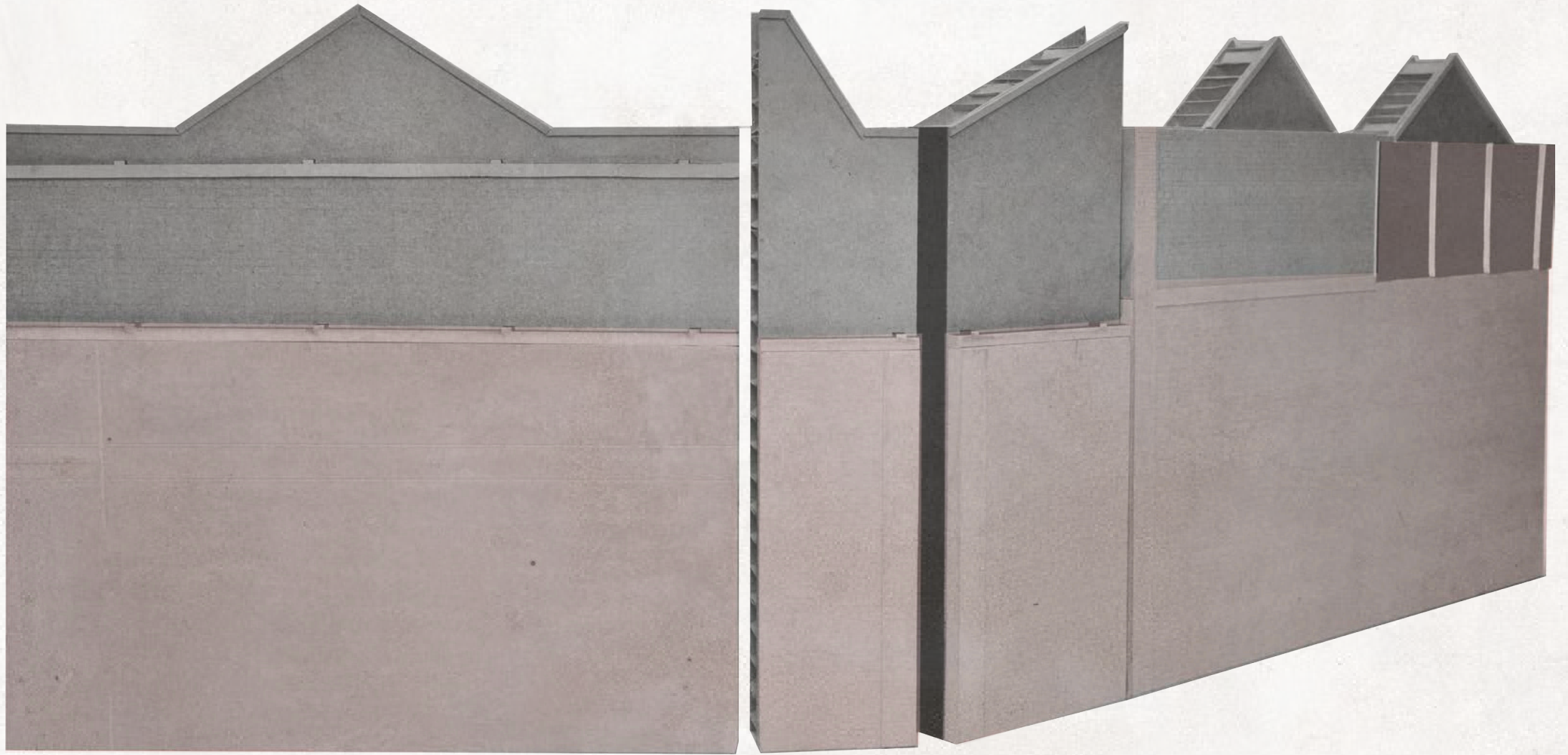
Details of the wall



Compression Artefact in 1:20 of the historical wall



Compression Artefact

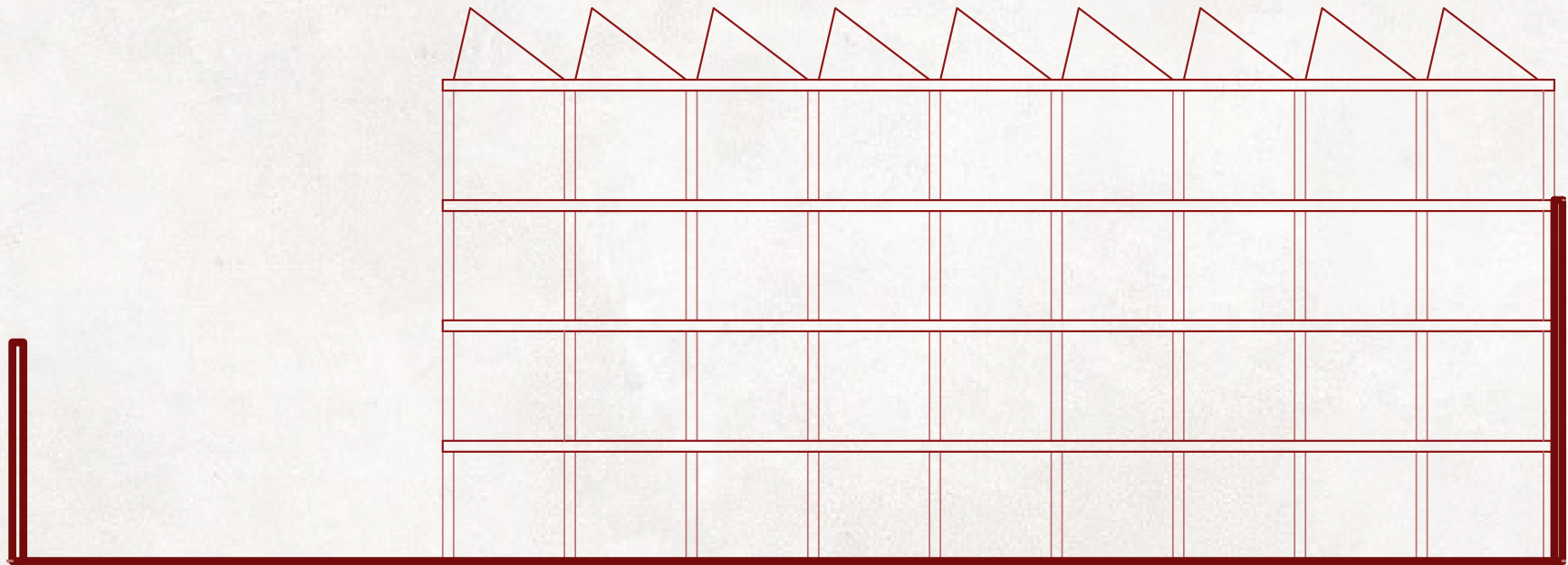


History as a common purpose for build a community

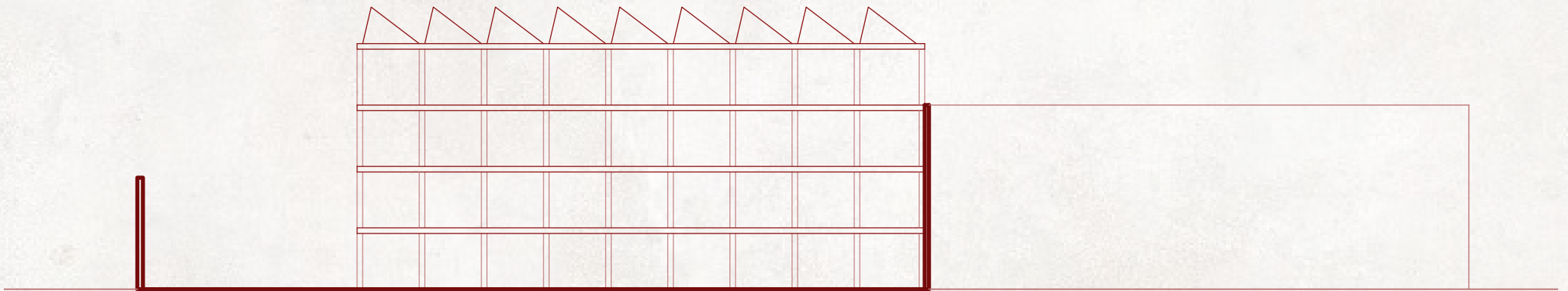
History is vital for the identity, cohesion, and development of a community in several ways:

- **Cultural Identity:** History provides the foundation for a community's cultural identity. It preserves the stories, traditions, and values that shape the collective identity of its members. Understanding their past helps community members appreciate their heritage and understand how they fit into the larger narrative of humanity.
- **Sense of Belonging:** Knowledge of history fosters a sense of belonging among community members. It creates a shared understanding of the struggles, triumphs, and experiences that have shaped their community over time. This shared history strengthens social bonds and promotes solidarity among individuals.
- **Preservation of Traditions:** History preserves the traditions and customs that define a community's way of life. It ensures that cultural practices, rituals, and knowledge are passed down through generations, preventing them from being lost or forgotten.
- **Inspiration and Motivation:** Historical figures and events often serve as sources of inspiration and motivation for a community. Stories of resilience, courage, and innovation from the past can inspire individuals to overcome obstacles and strive for a better future.
- **Promoting Unity and Tolerance:** History can promote unity and tolerance within a community by highlighting the diversity of experiences and perspectives that have contributed to its development. By acknowledging and respecting different cultural, ethnic, and religious backgrounds, communities can foster inclusivity and understanding among their members.
- **Planning for the Future:** History provides valuable insights for planning the future of a community. By analyzing past trends and patterns, community leaders can anticipate potential challenges and opportunities, helping to shape policies and initiatives that promote long-term sustainability and prosperity.

In essence, history is essential for a community as it serves as a foundation for identity, provides lessons for the present, and offers guidance for the future. It connects individuals to their roots, fosters a sense of belonging, and promotes unity and resilience in the face of change.

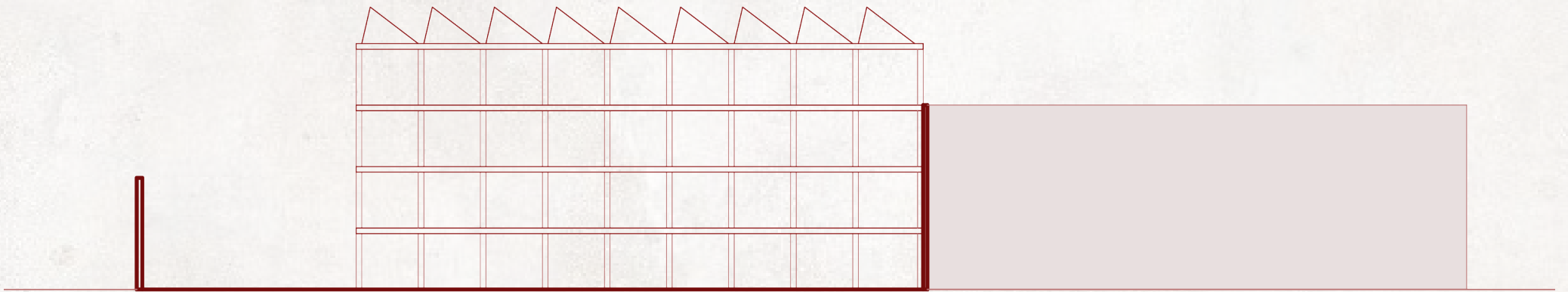


Historical walls
Section



Section building attached

Once I started focusing on the historical walls I noticed the building attached. I supposed that once they were connected perhaps they were part of the same building. So I extended the project on the rooftop of the building on the right of the warehouse.



Section building attached



Warehouse

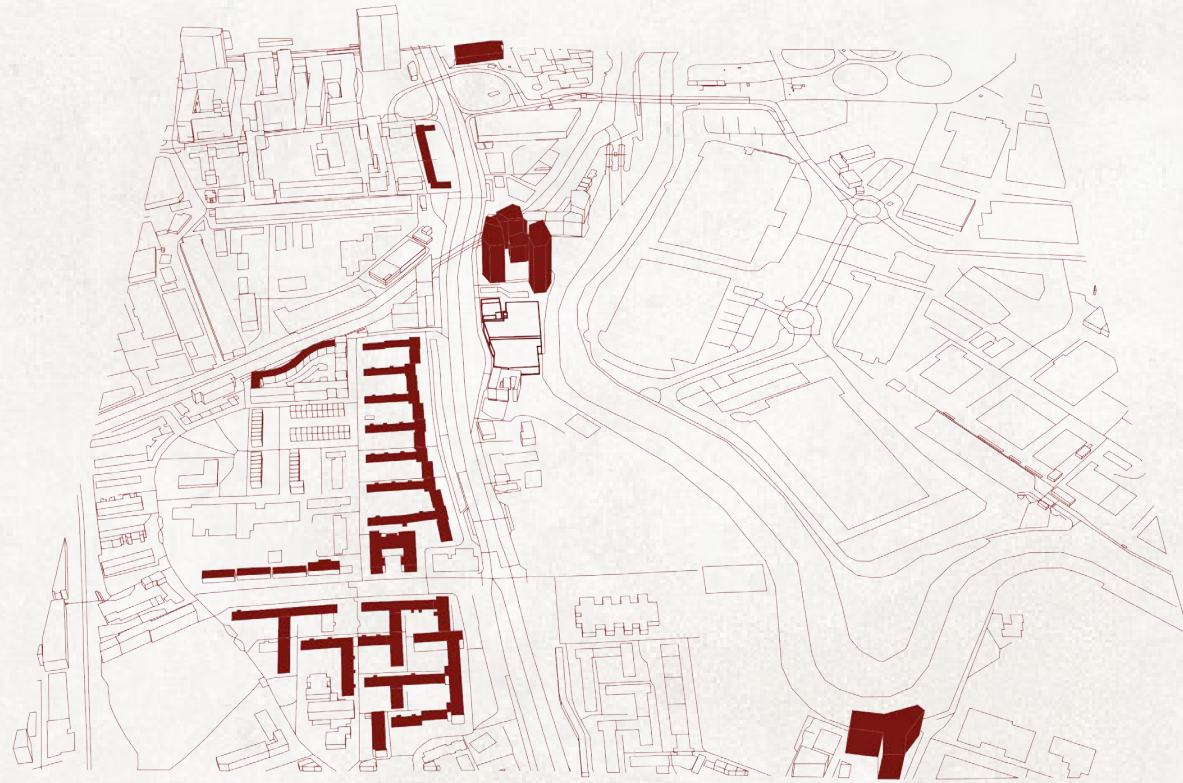


Rooftop of the building attached



Picture of the rooftop of the building attached

3. USE



Residential buildings

To the north of the site is the Barratt Industrial Estate which was granted planning permission for a residential led mixed-use redevelopment. To the south of the site is the former Brunswick Road Fire Station building now occupied by flats. The south- eastern part of the boundary which extends beyond the former fire station adjoins the Ailsa Wharf Waste Management Site.



Residential buildings



Residential buildings



Schools in the area



Bromley-By-Bow underground station

The site is in an area of moderate access to public transport with Transport for London's Public Transport Accessibility. Bromley-By-Bow London Underground Station (District and Hammersmith & City lines) is approximately 300m to the north of the application site on the opposite side of the A12.



Park in the area

INDUSTRIAL PARK

Park

Parks play a crucial role in enhancing the quality of life for communities in various ways:

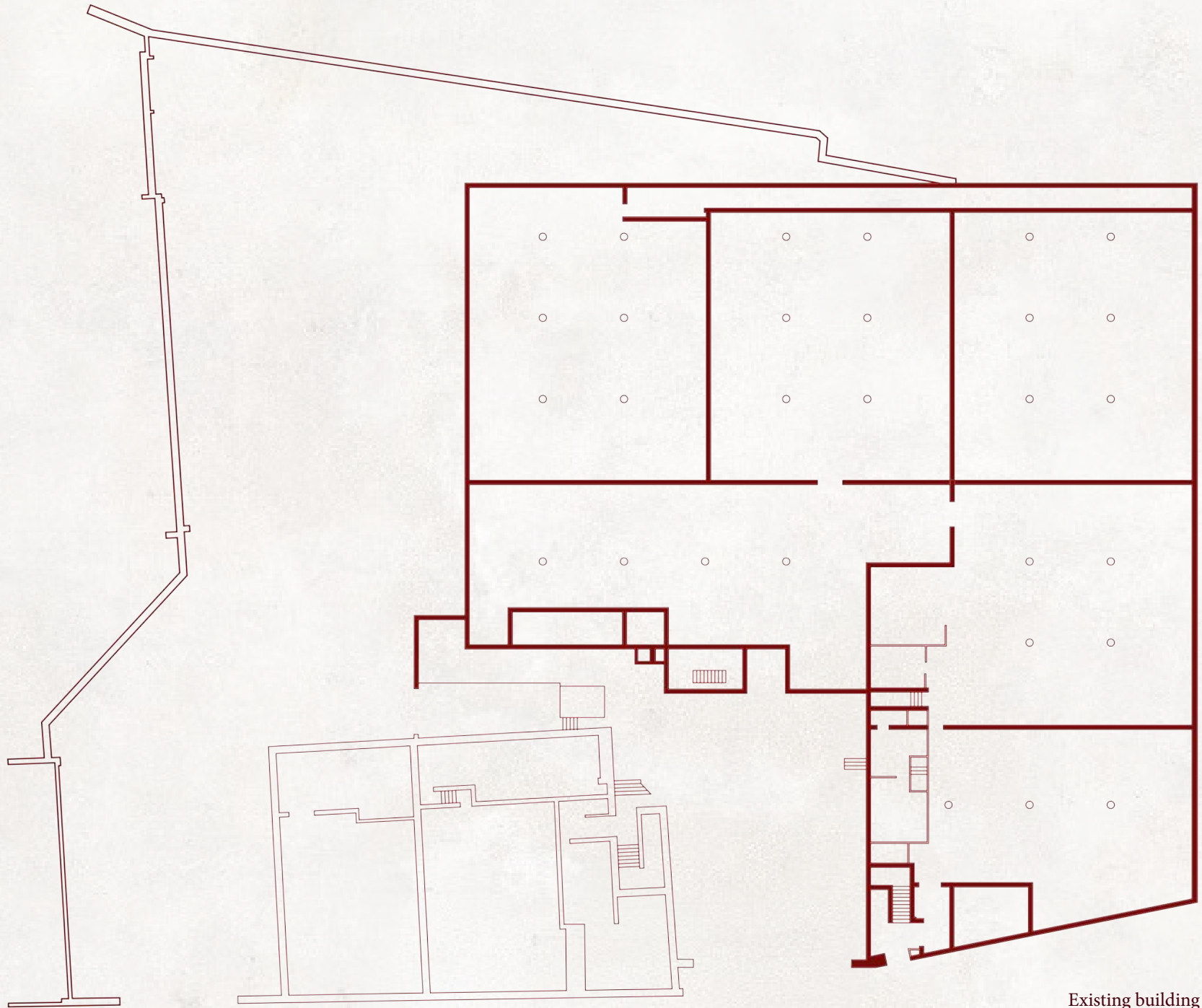
- **Recreation and Leisure:** Parks provide spaces for recreational activities such as walking, jogging, picnicking, and playing sports. These activities promote physical fitness, mental well-being, and social interaction among community members of all ages.
- **Nature and Environment:** Parks serve as green spaces that contribute to environmental sustainability and biodiversity conservation. They provide habitats for wildlife, help mitigate air and noise pollution, and contribute to climate regulation by absorbing carbon dioxide and providing shade.
- **Community Gathering Spaces:** Parks serve as gathering places where community members can come together for events, festivals, and celebrations. These communal activities foster a sense of belonging and strengthen social bonds among residents.
- **Health and Wellness:** Access to parks and green spaces has been linked to improved physical and mental health outcomes. Spending time in nature reduces stress, anxiety, and depression, while also promoting relaxation and overall well-being.
- **Cultural and Historical Preservation:** Parks often contain cultural and historical landmarks, monuments, and artifacts that preserve the heritage of a community. These sites provide opportunities for reflection, learning, and commemoration of important events and figures from the past.
- **Urban Development and Beautification:** Parks contribute to the aesthetic appeal and livability of urban areas. They serve as green lungs within cities, softening the built environment, enhancing streetscapes, and providing visual relief from concrete and asphalt.
- **Social Equity and Inclusion:** Access to parks is essential for promoting social equity and inclusion. Well-distributed and accessible parks ensure that all community members, regardless of socio-economic status or background, have equal opportunities to enjoy nature, recreation, and leisure activities.

In summary, parks are essential assets for communities, providing spaces for recreation, nature appreciation, community gatherings, and environmental stewardship. They contribute to physical and mental health, economic prosperity, cultural preservation, and social cohesion, making them invaluable resources for enhancing the overall well-being and vitality of communities.

4. DESIGN PROCESS



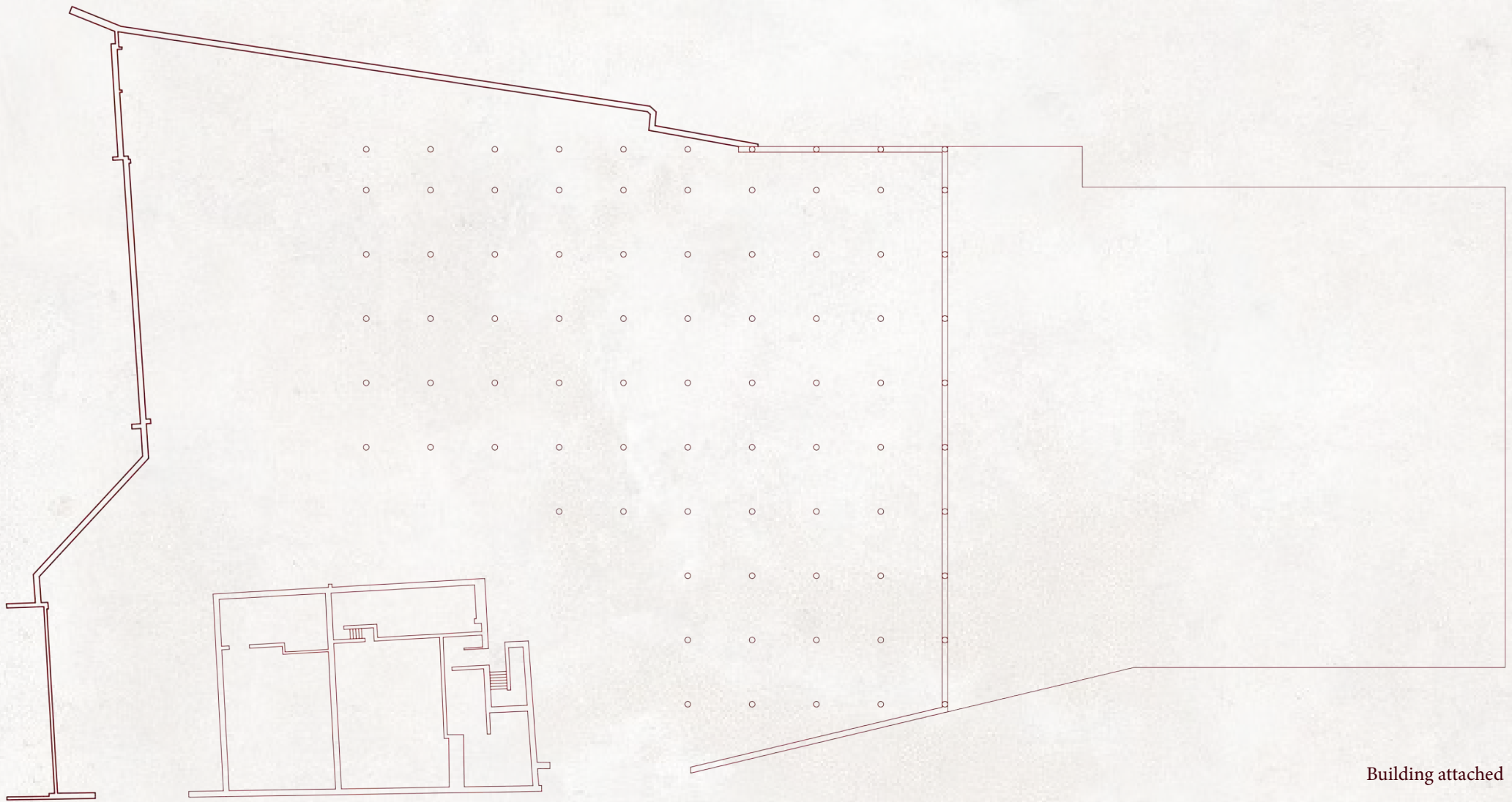
Existing walls



Existing building

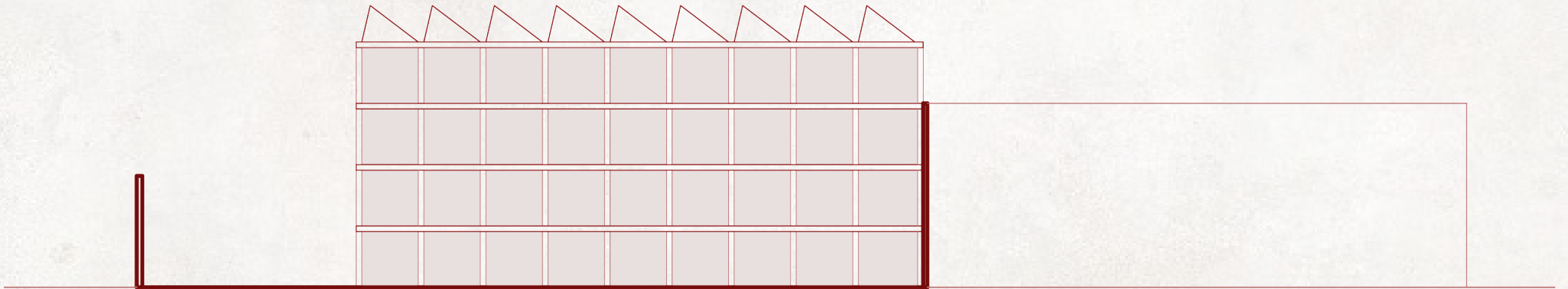


Removed internal walls

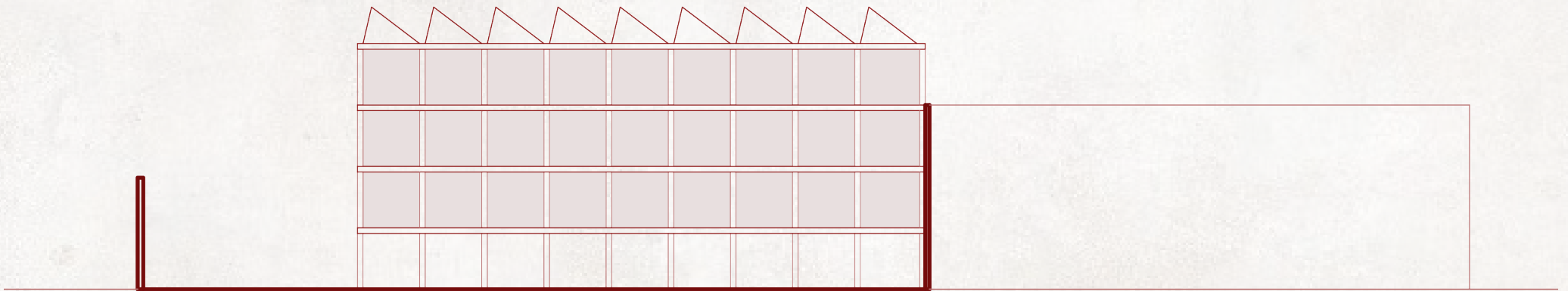


Building attached

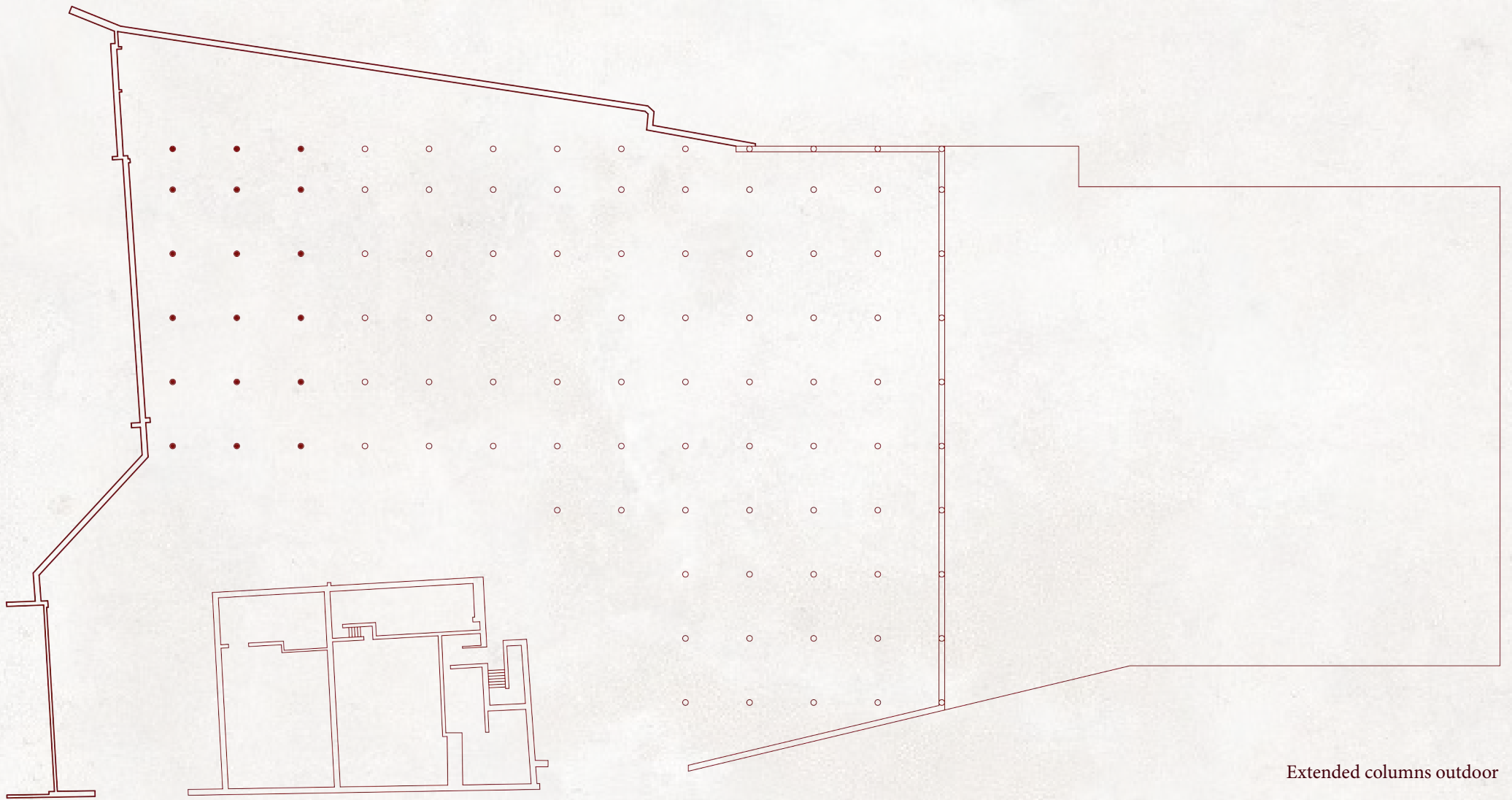
The park is an open space.
I removed all the walls on the ground floor, revealing an open expanse.
Within this space, I discovered the other historical wall opposite the building.
This wall, separating the warehouse from the adjacent building, remains from the ancient structure.
Inspired by this discovery, I conceived the idea of continuity between these two buildings.



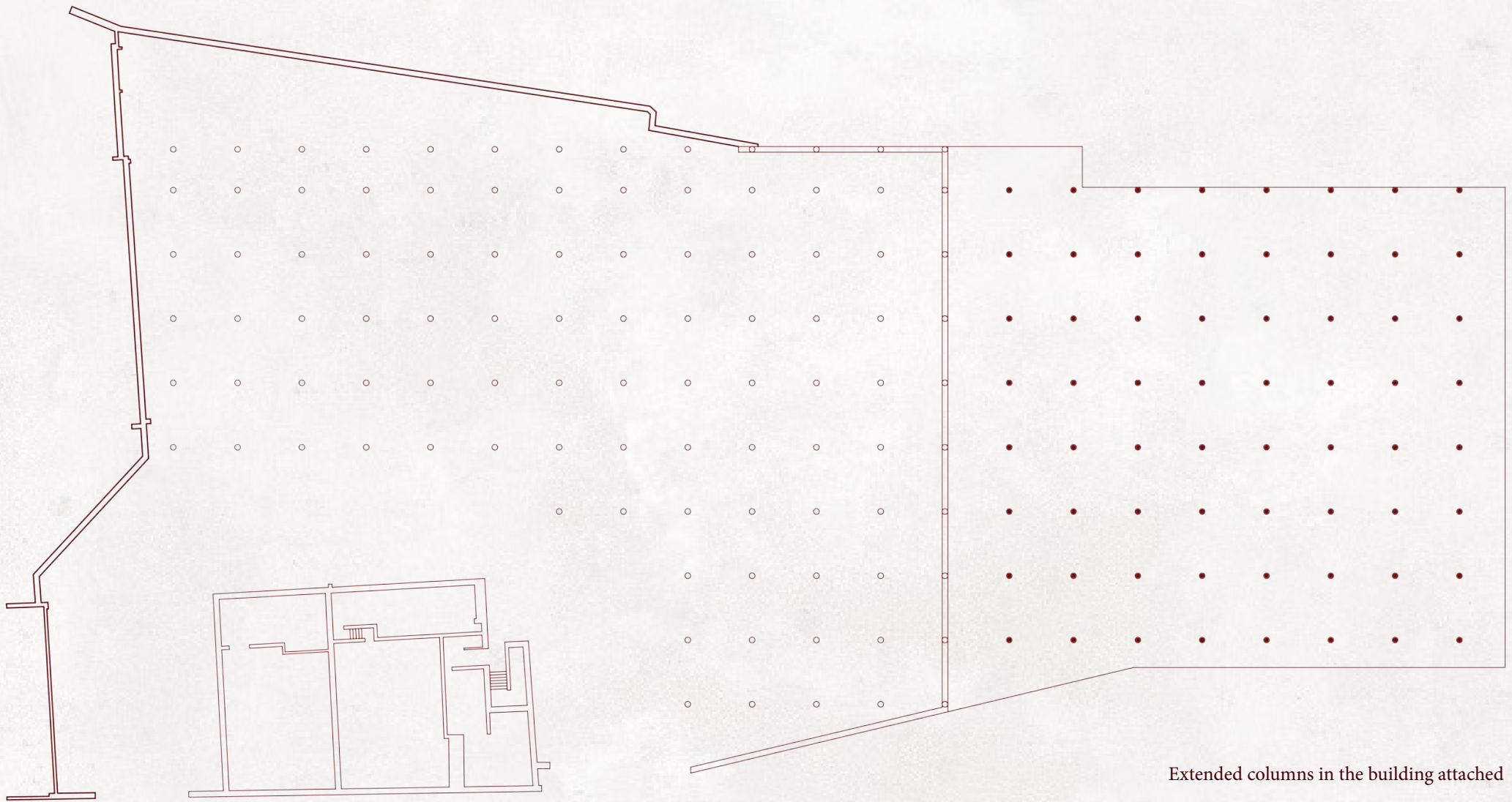
Section



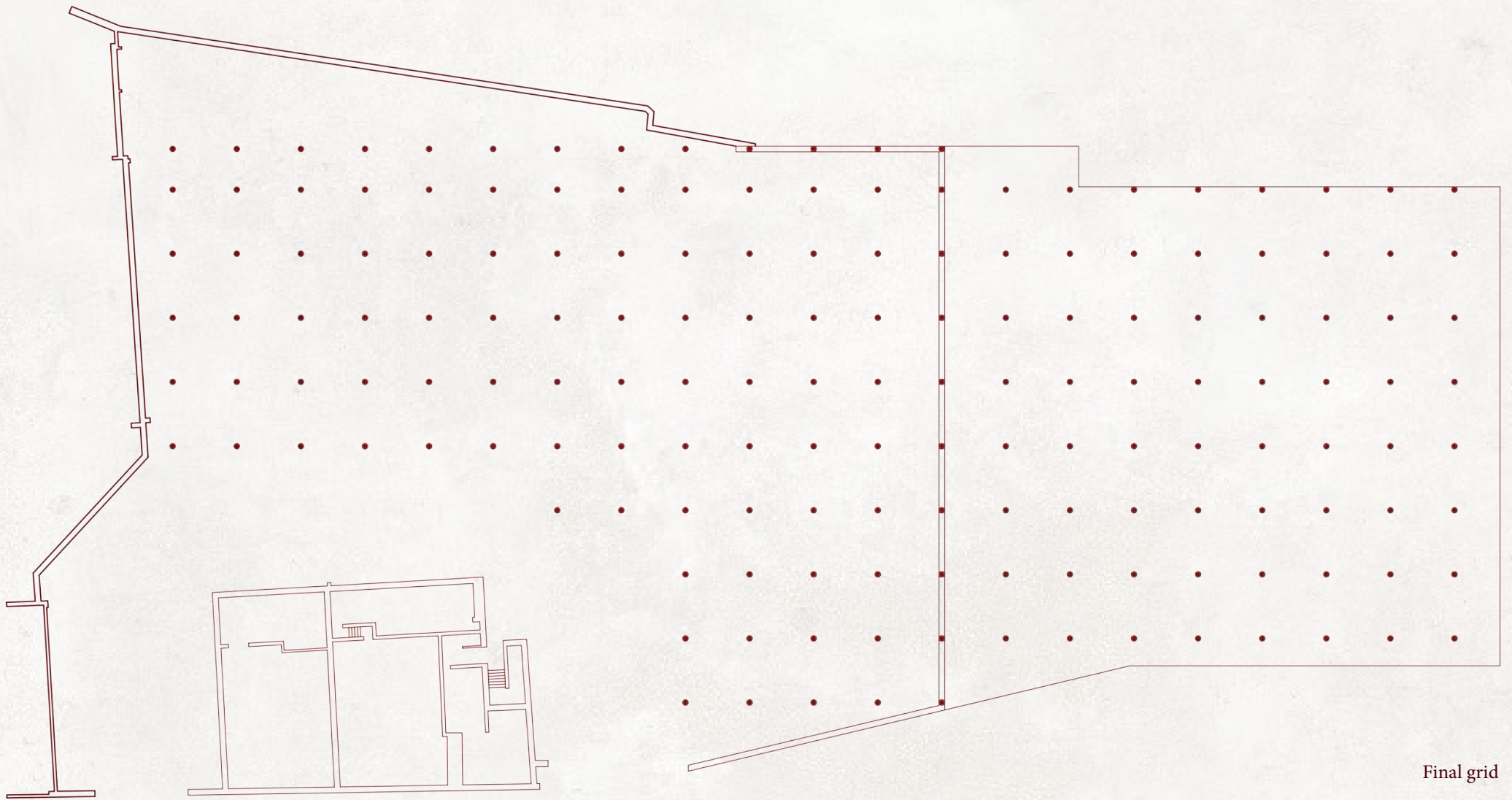
1. Removing walls in the ground floor
Section



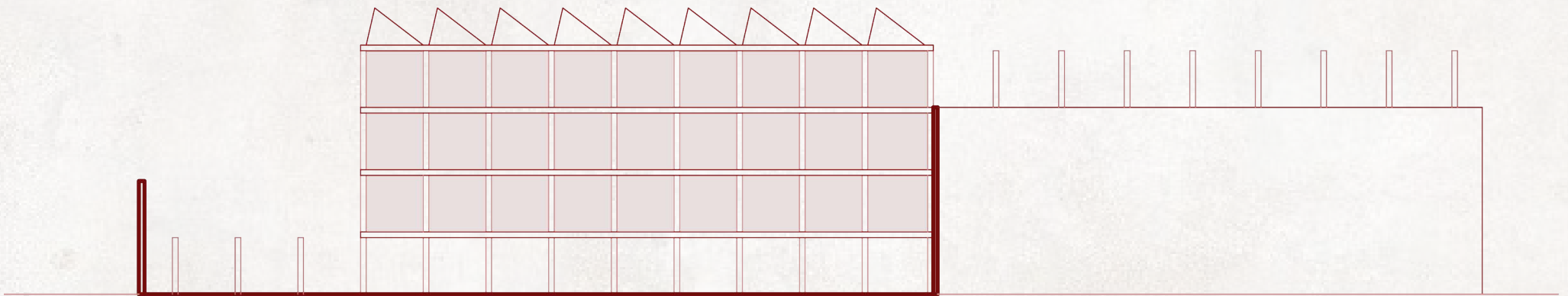
Extended columns outdoor



Extended columns in the building attached

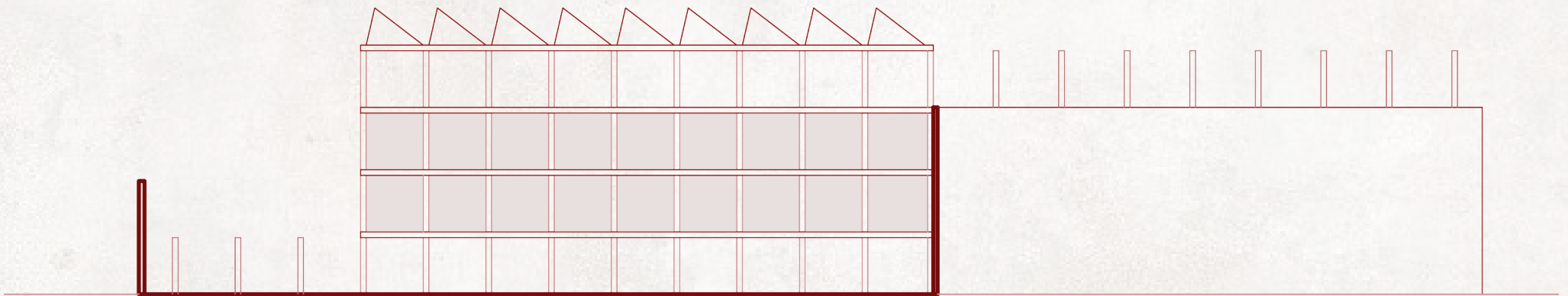


Final grid

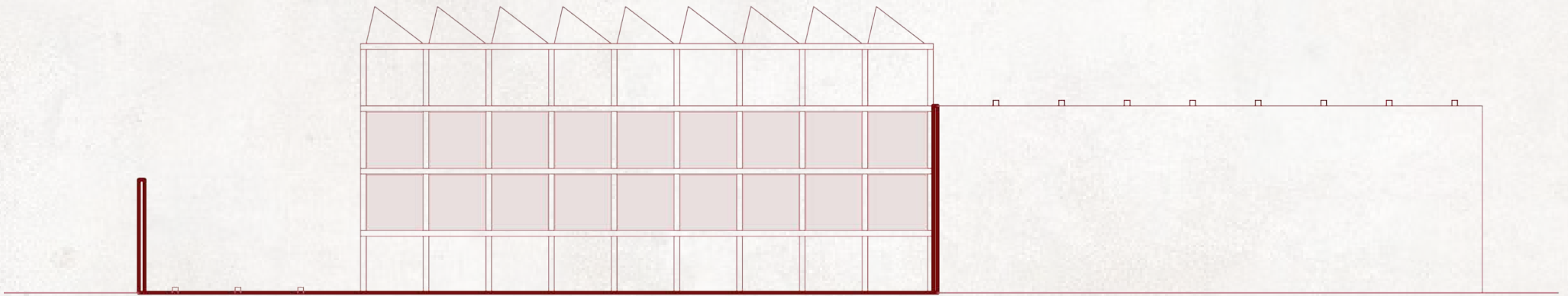


2. Extended the grid Section

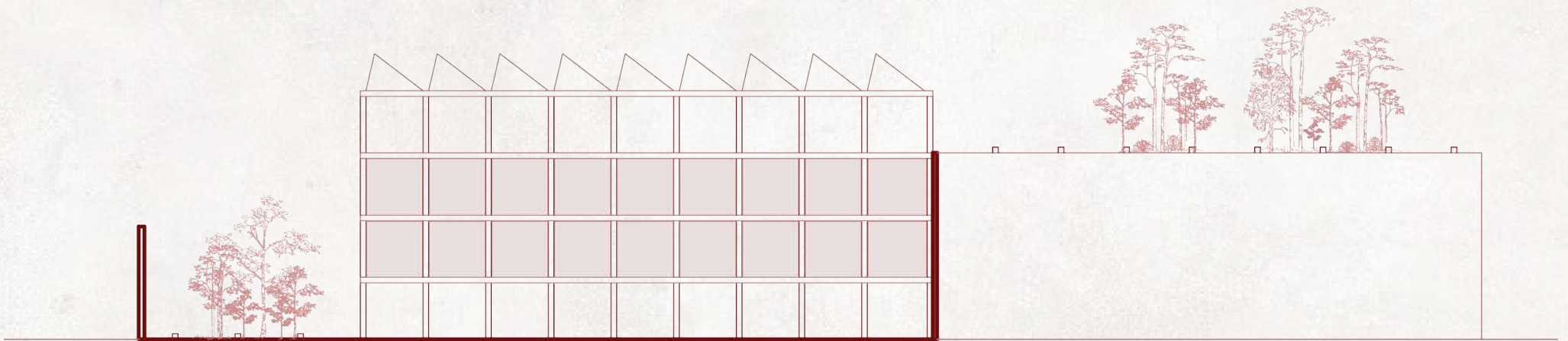
After the connection between the two historical walls, I expanded the columns grid on the outdoor spaces. Additionally, I incorporated green spaces to further establish a connection between the buildings.



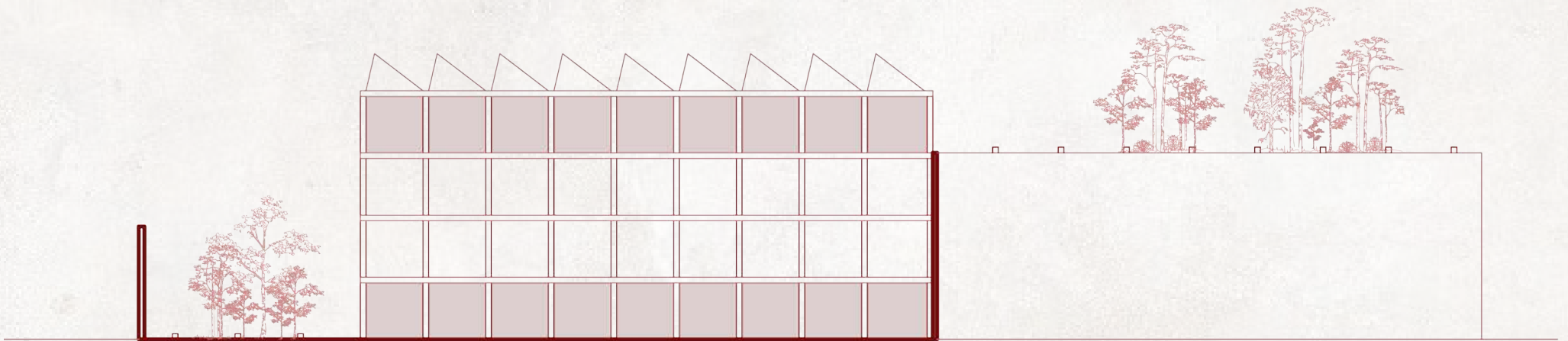
3. Removing walls from top floor
Section



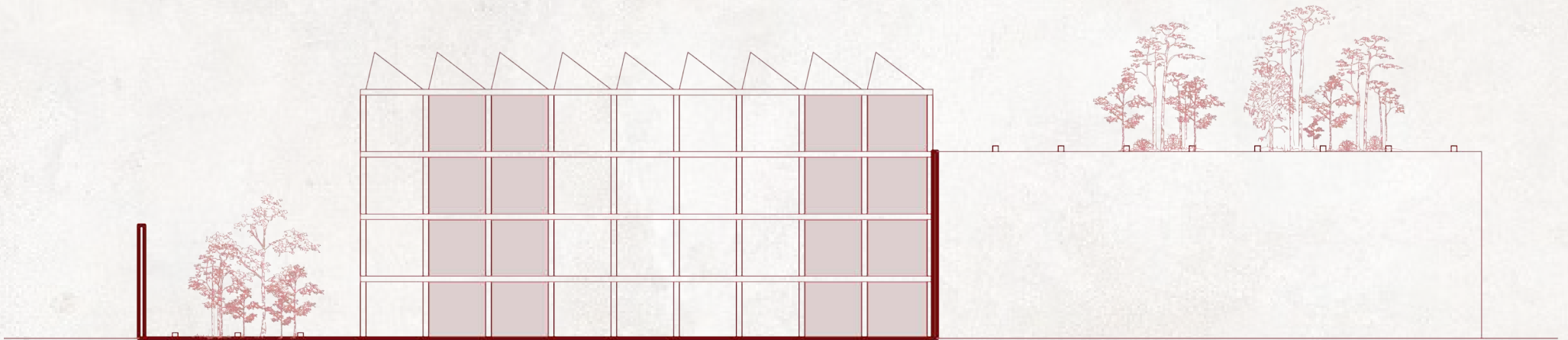
4. Grid extended with different use
Section



5. Green area
Section



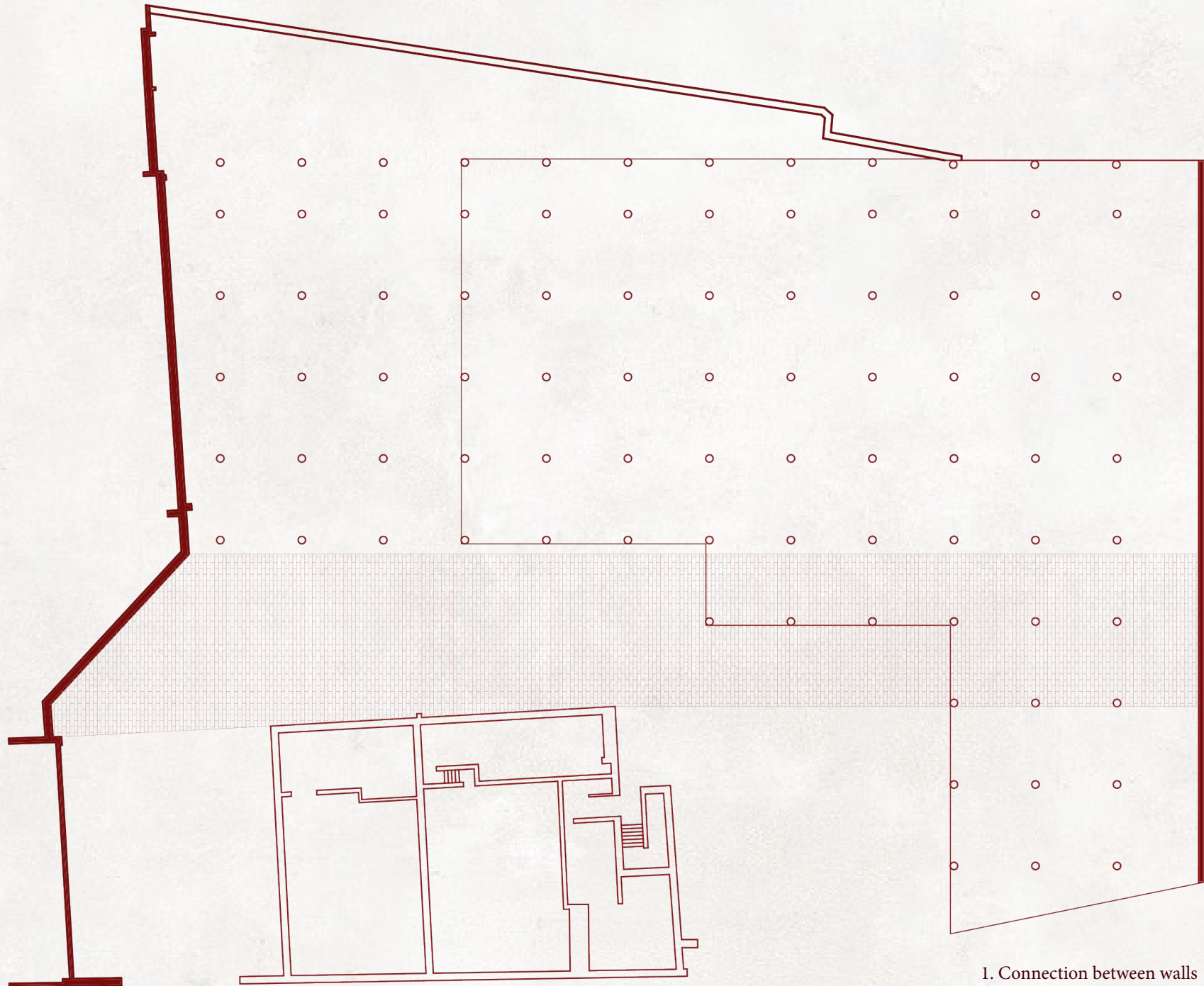
6. Focus on ground floor and top floor
Section



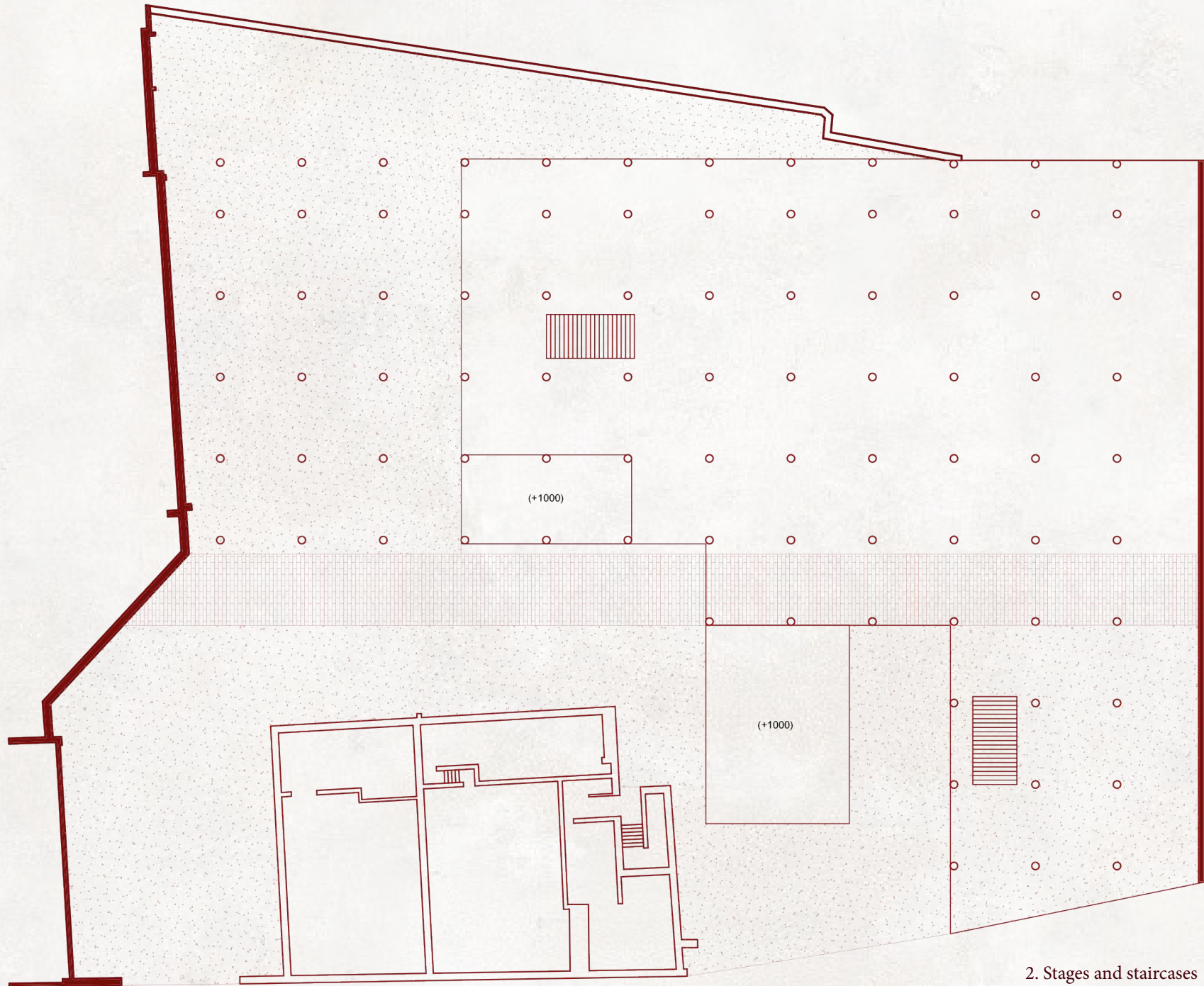
7. Voids for connection
Section

To ensure seamless transition between indoor and outdoor spaces, I introduced two main staircases that directly connect the ground floor to the rooftop. These staircases serve as architectural elements that not only facilitate movement but also reinforce the connection between levels and the overall design concept.

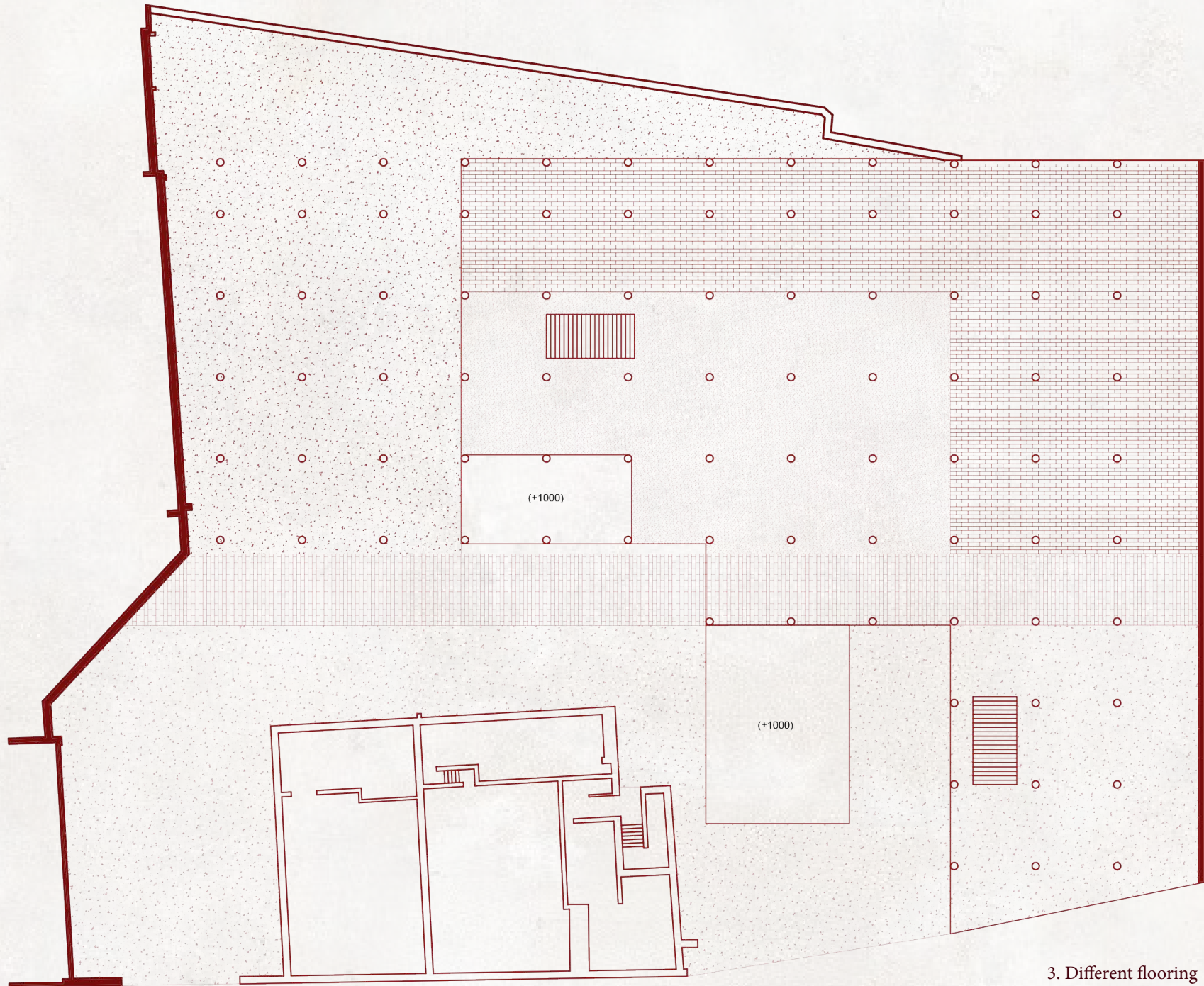
5. DESIGN PROPOSAL



1. Connection between walls

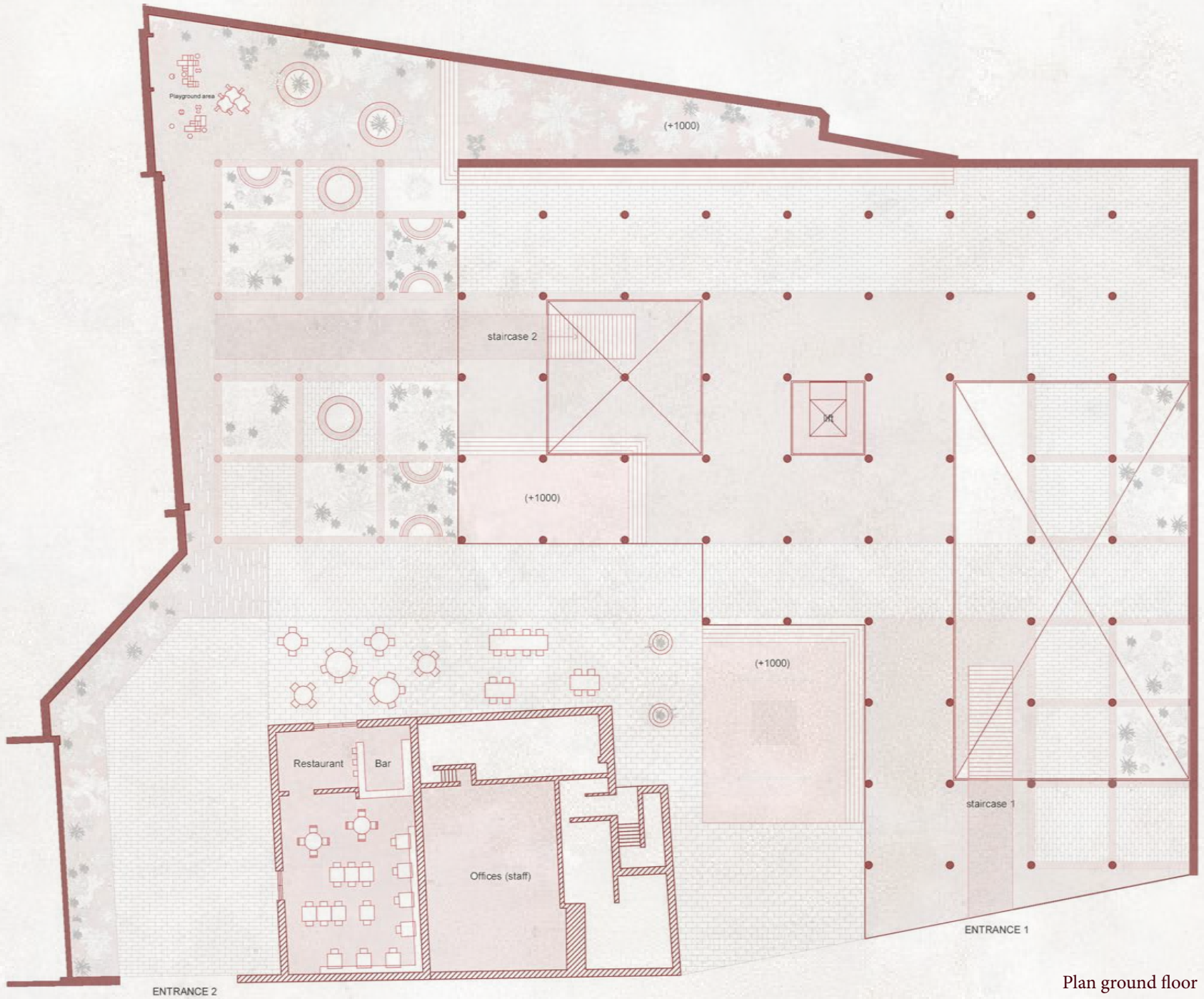


2. Stages and staircases

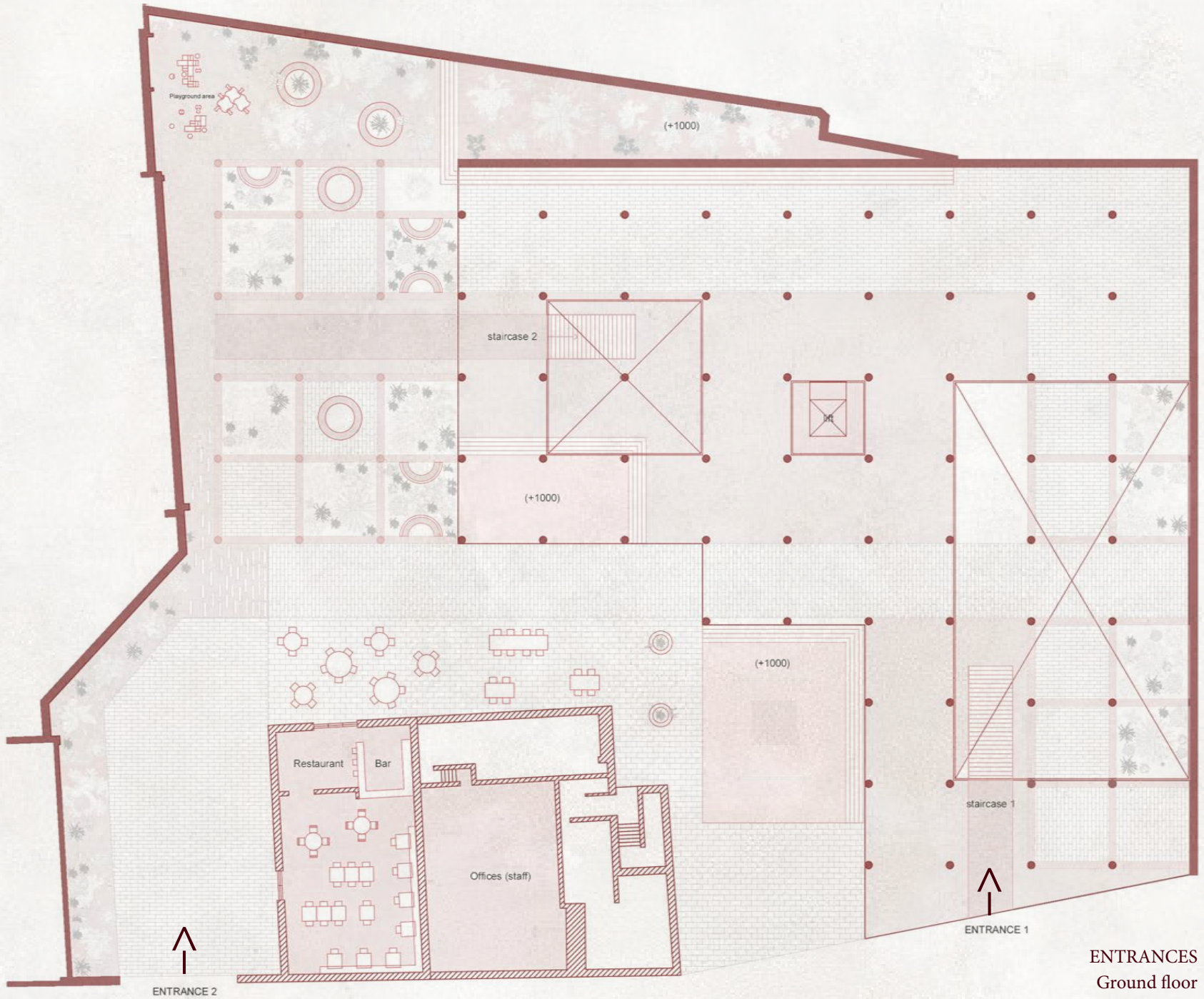


3. Different flooring
Integration of various types of pavements to delineate
different areas within the park

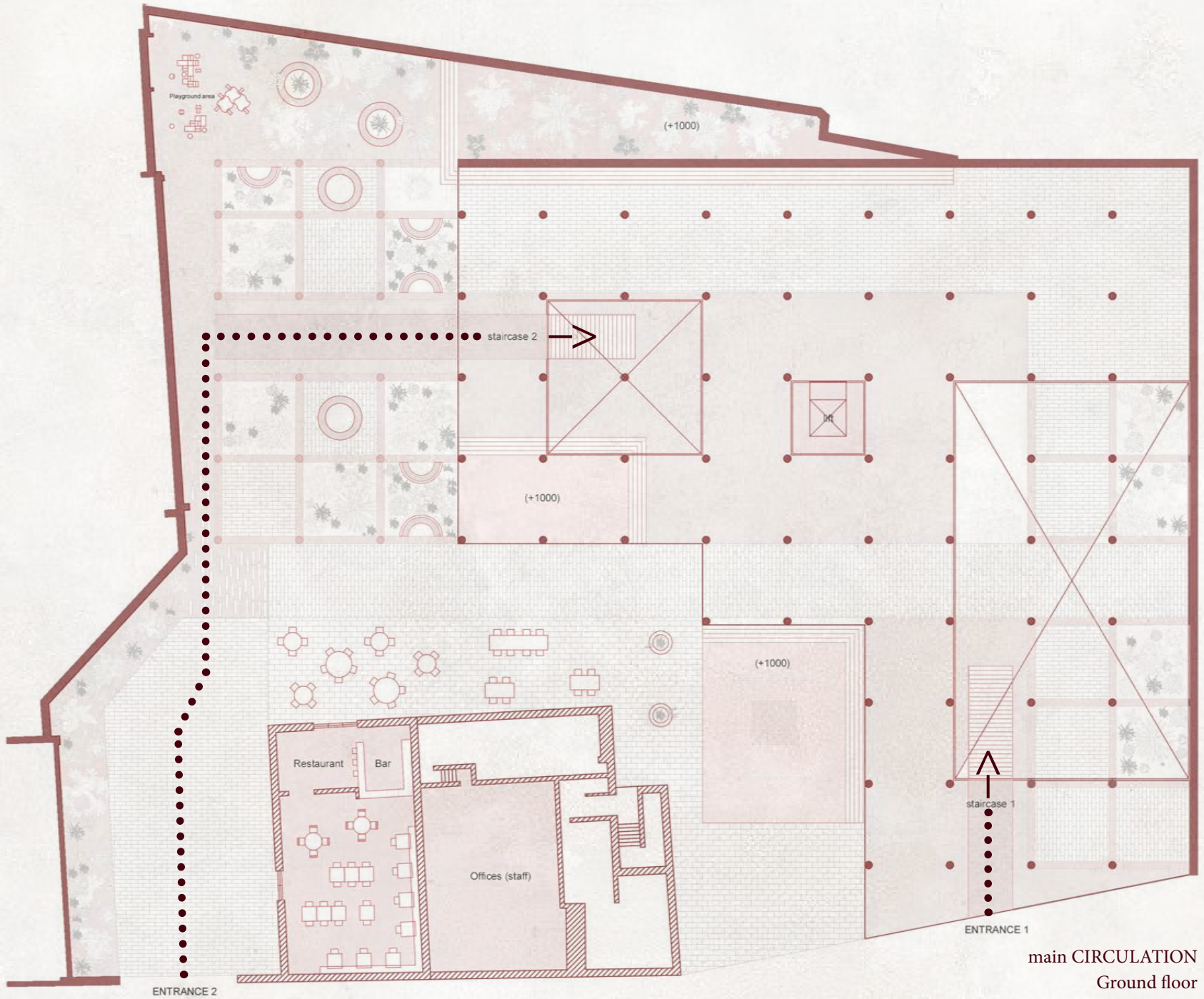
FINAL DESIGN



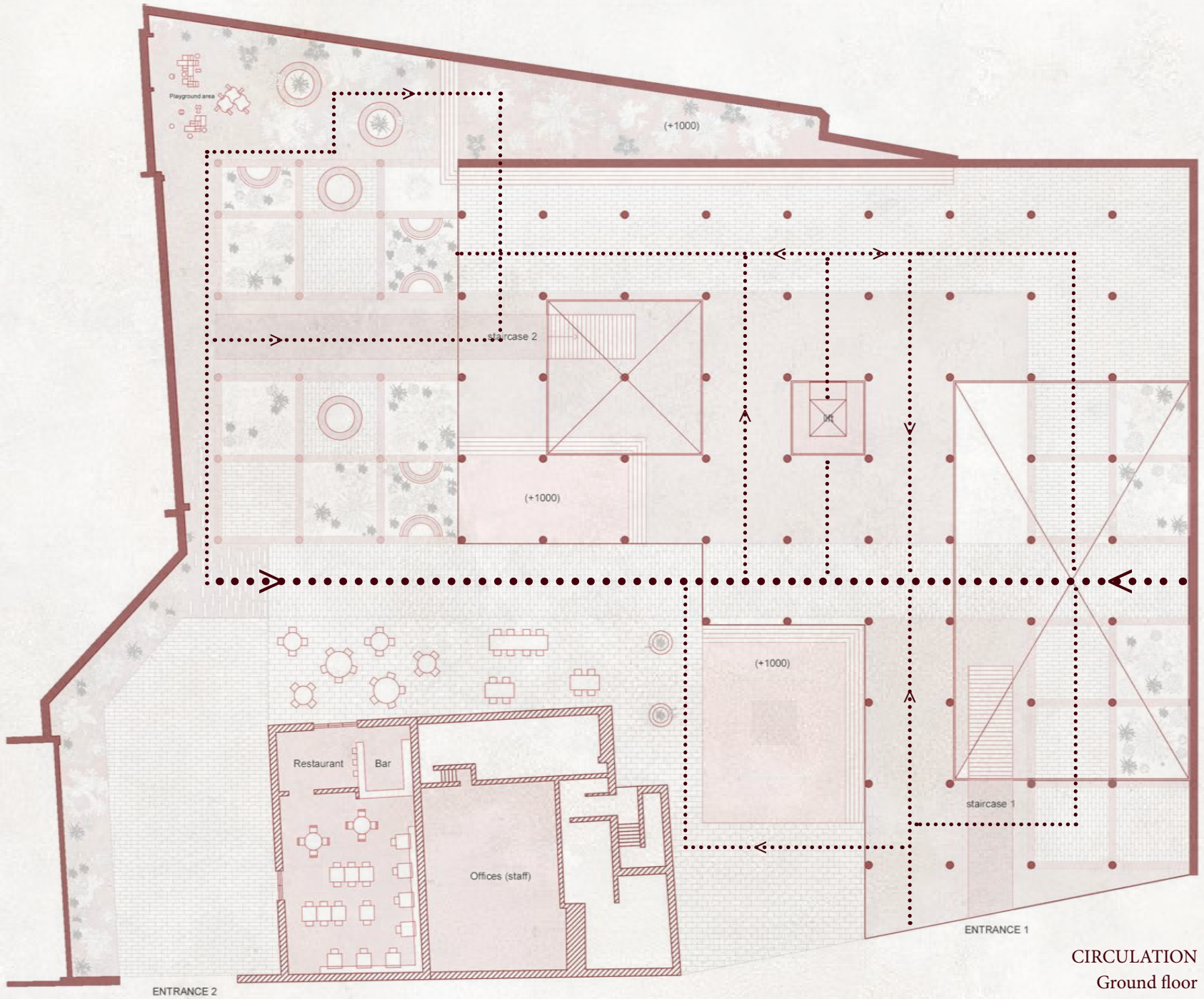
Plan ground floor



ENTRANCES
Ground floor



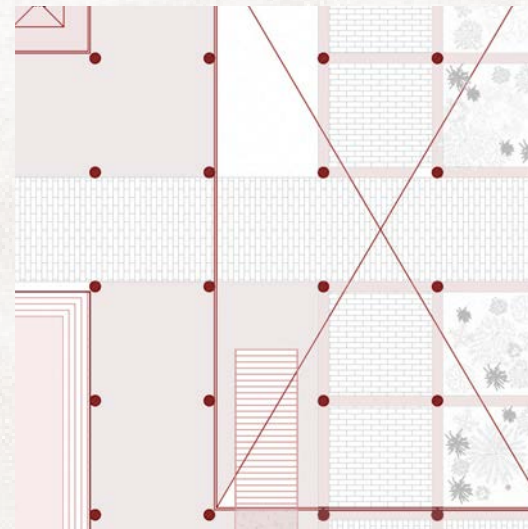
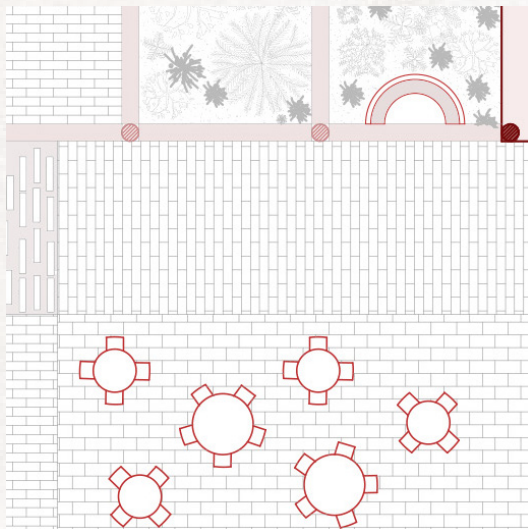
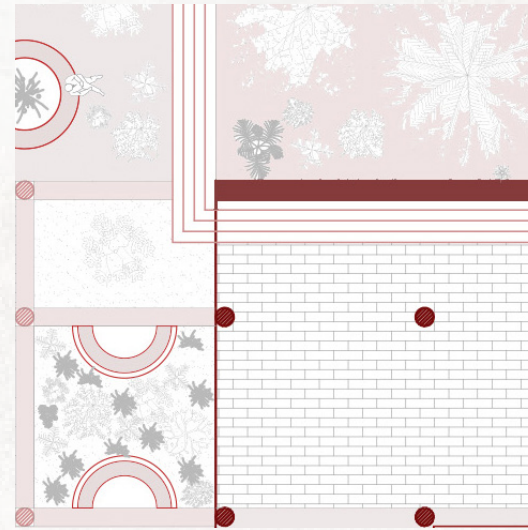
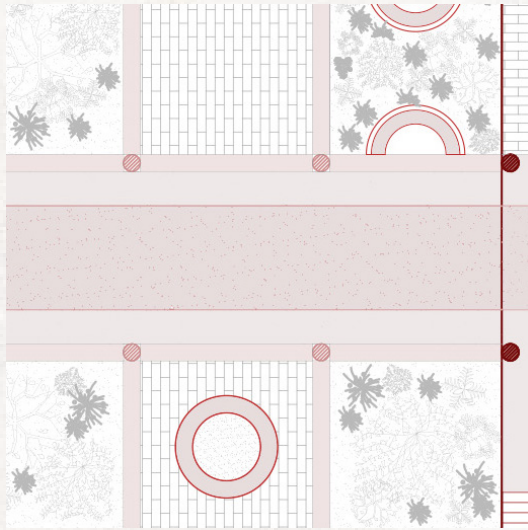
main CIRCULATION
Ground floor



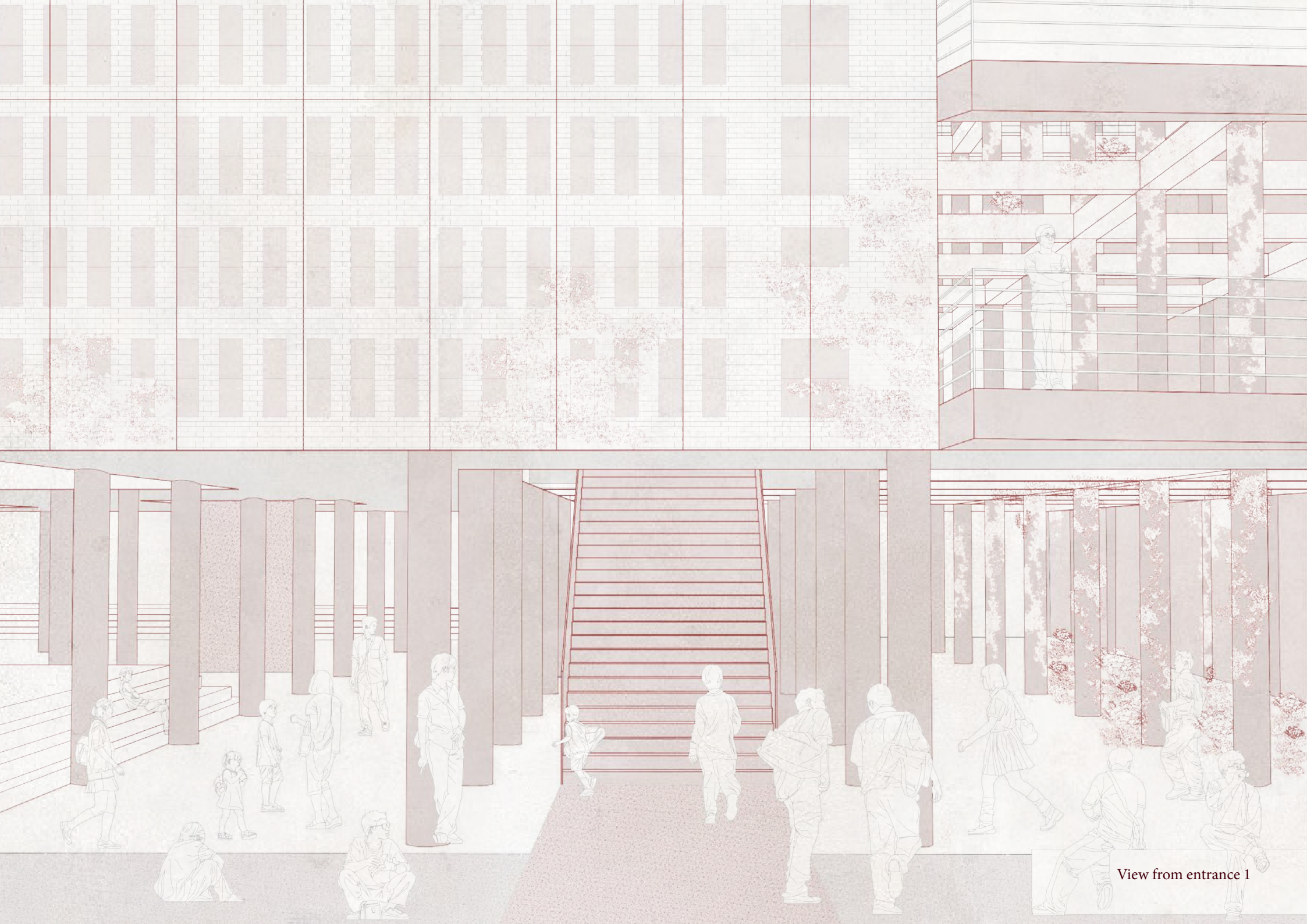
MATERIALS



EXISTING PAVEMENTS
Ground floor



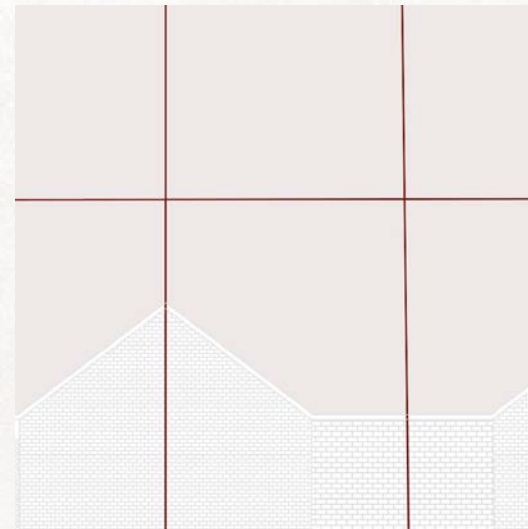
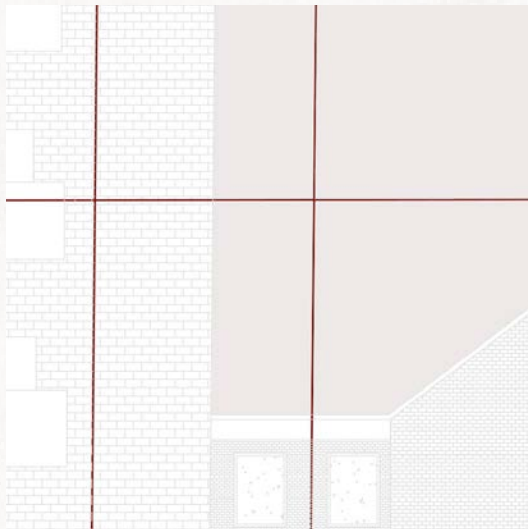
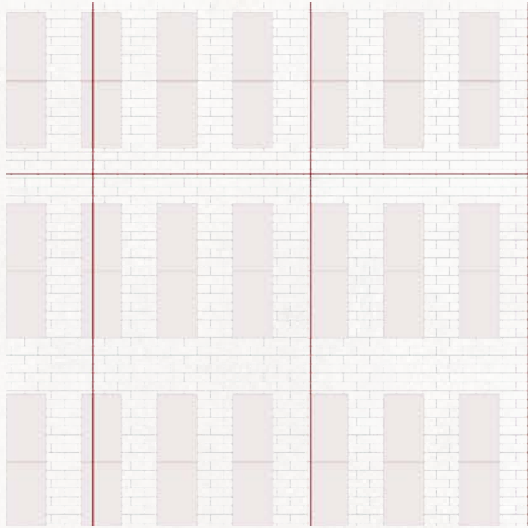
focus PAVEMENTS
Ground floor



View from entrance 1



View from entrance 2

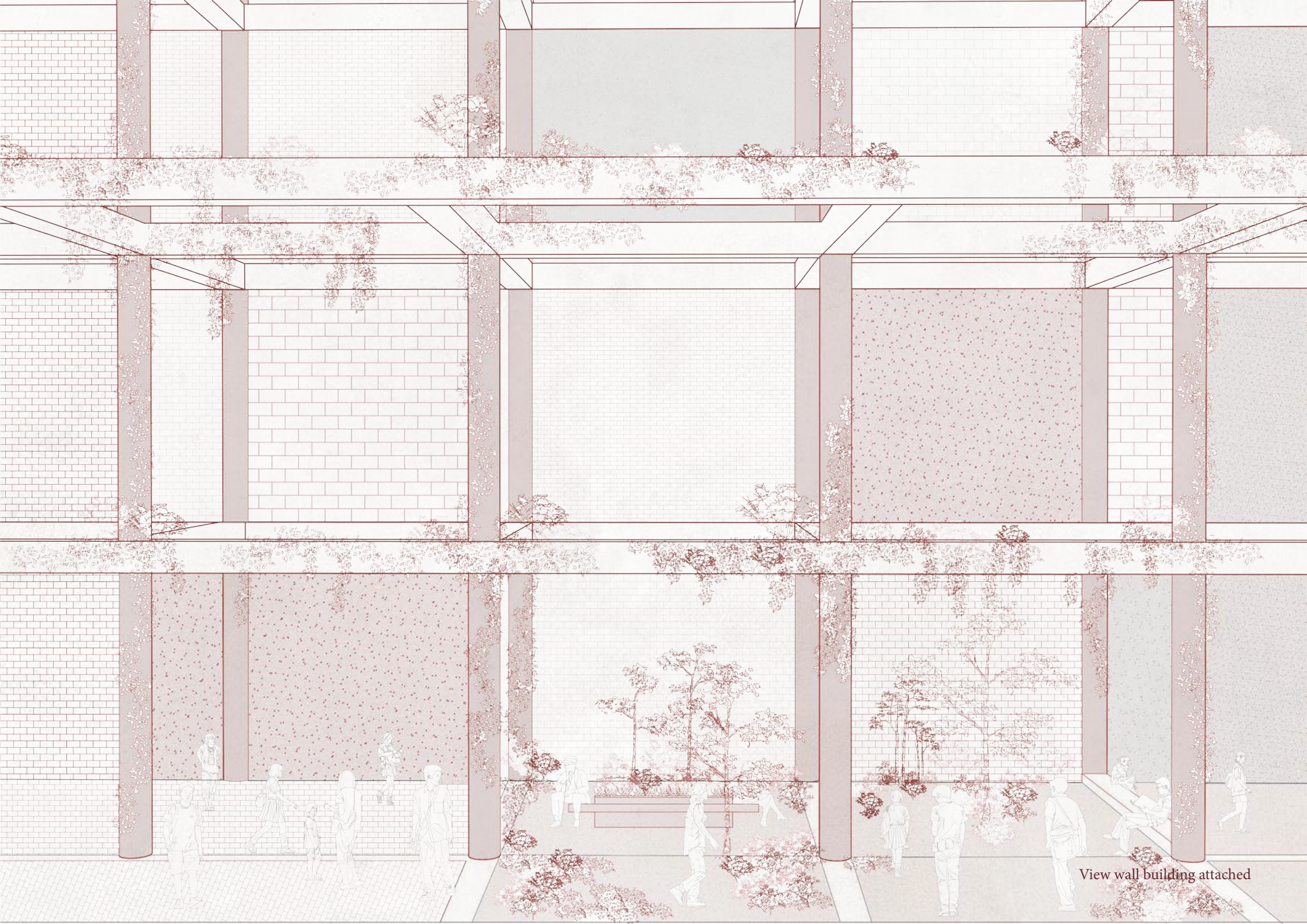


The reflected surface of the facade aims to connect the surrounding landscape and historical wall to the park area.

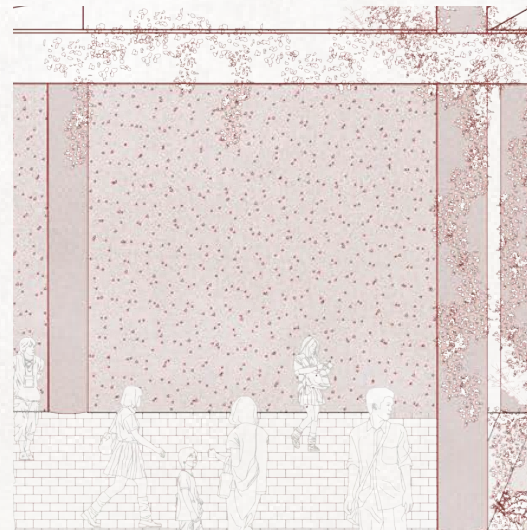
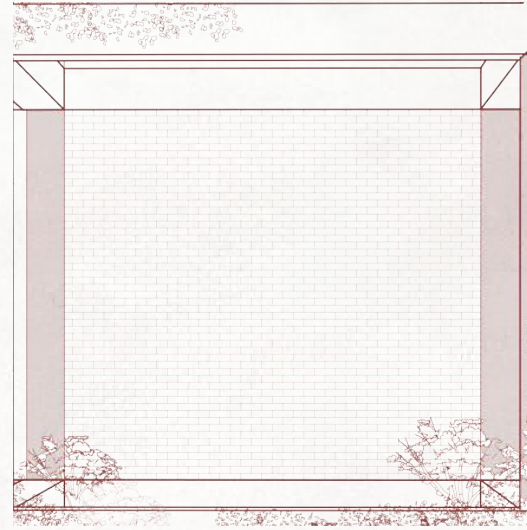
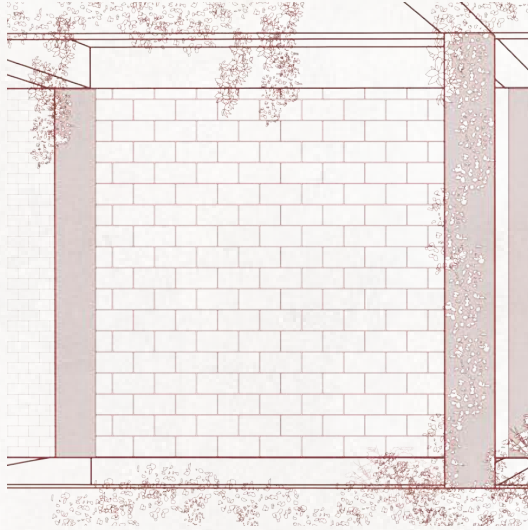
DETAILS
Reflected facade



View from entrance 1 to historical wall



View wall building attached

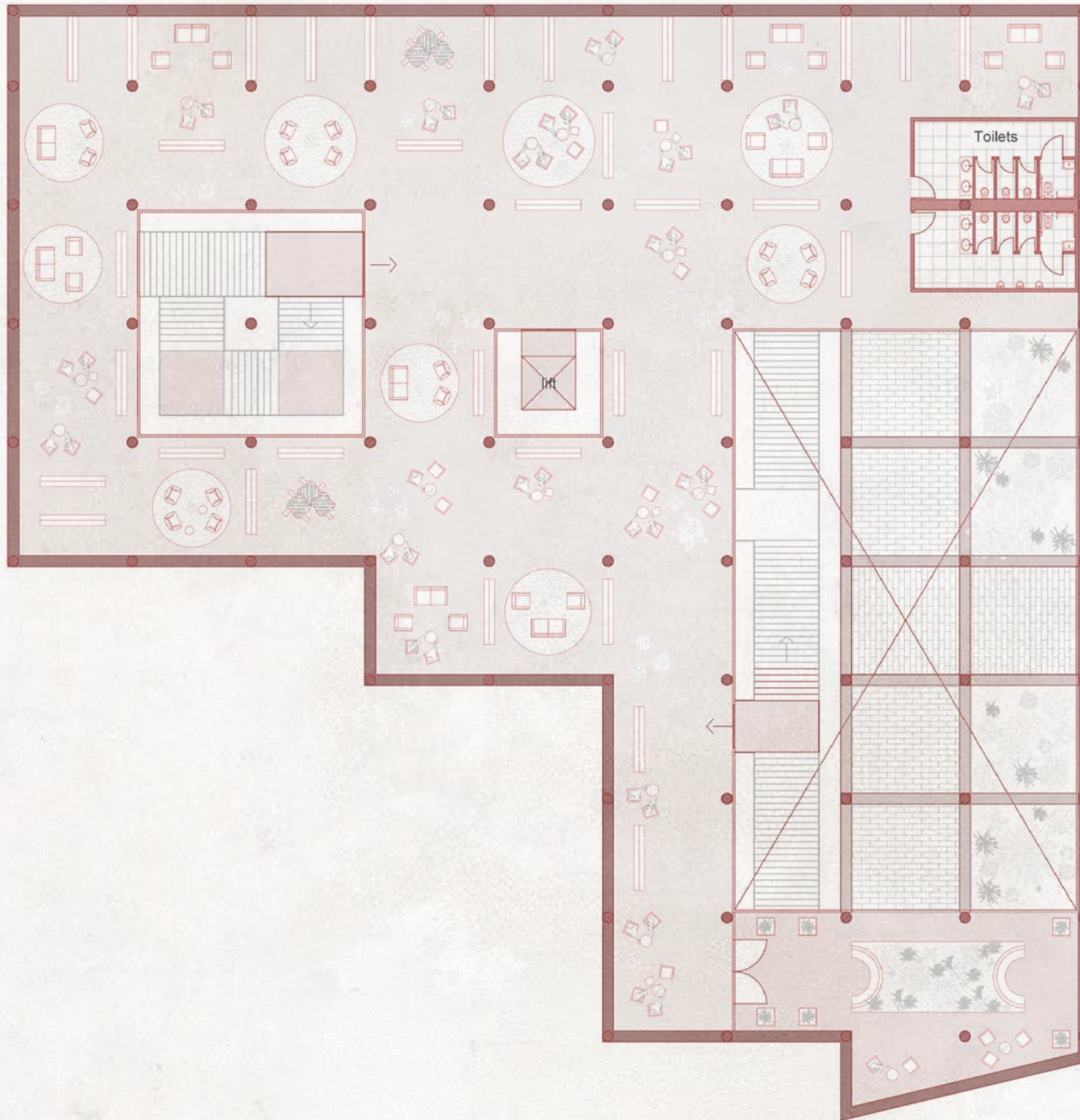


DETAILS
Wall of the building attached

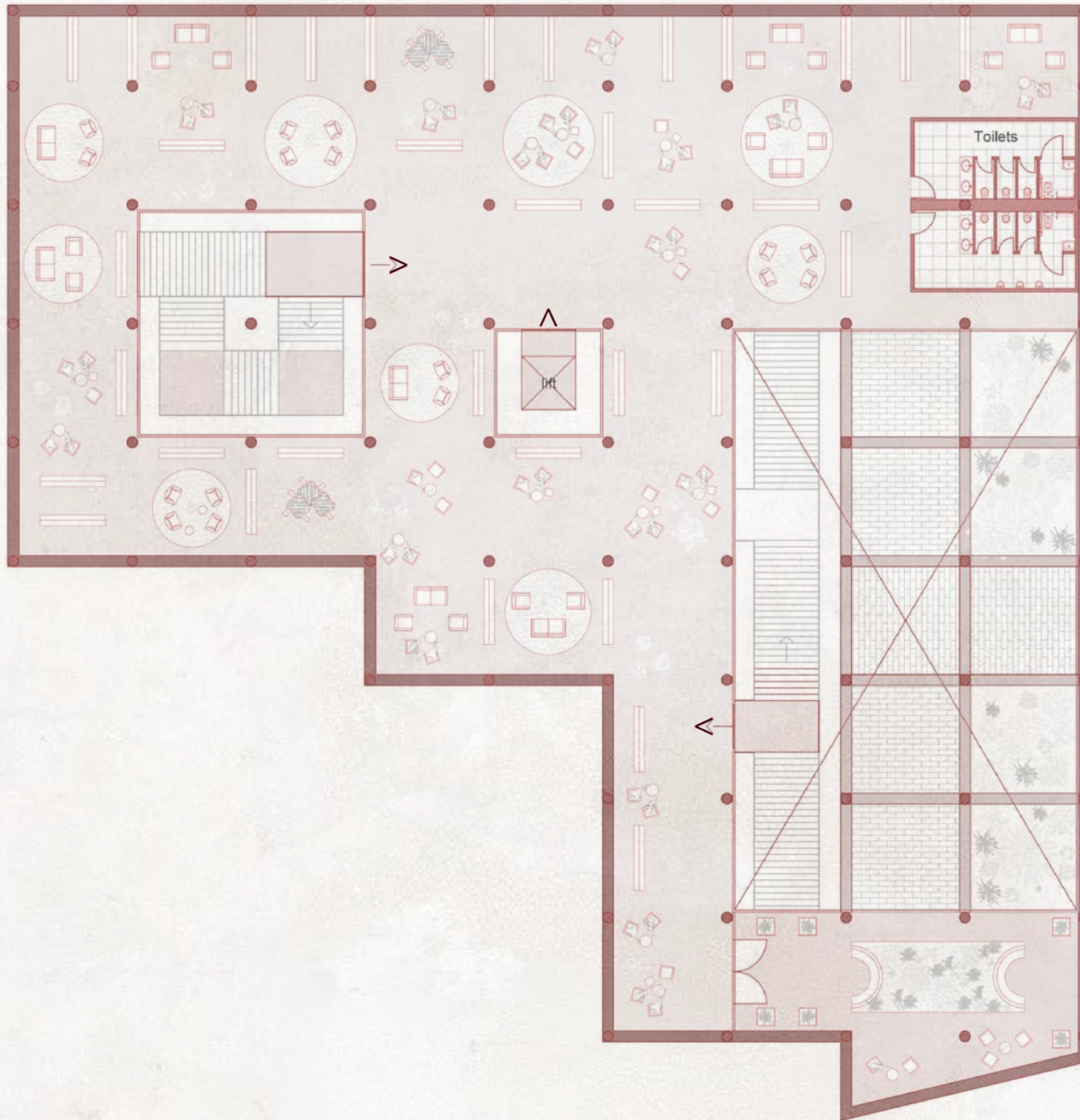
1st floor

LIBRARY

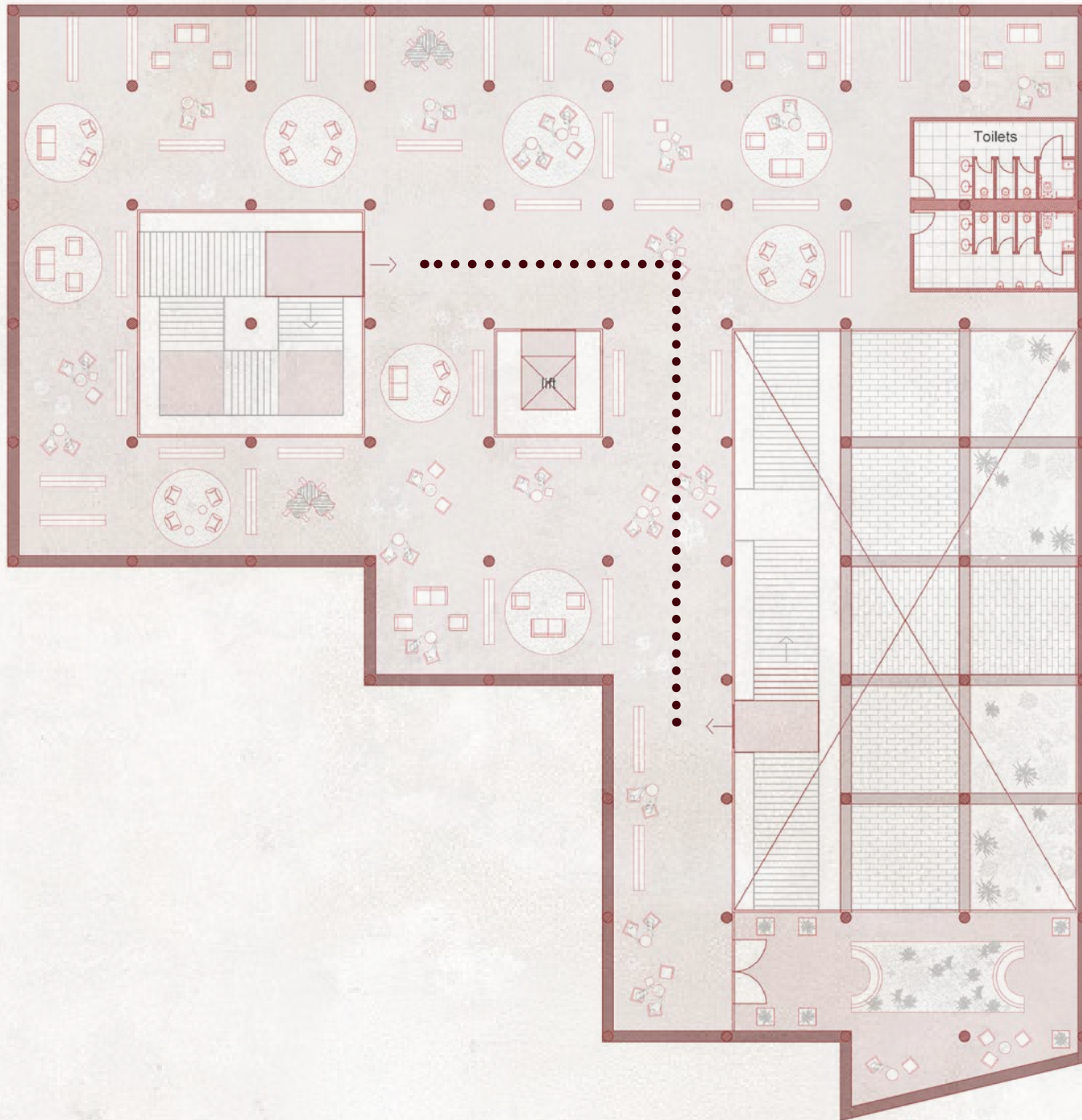




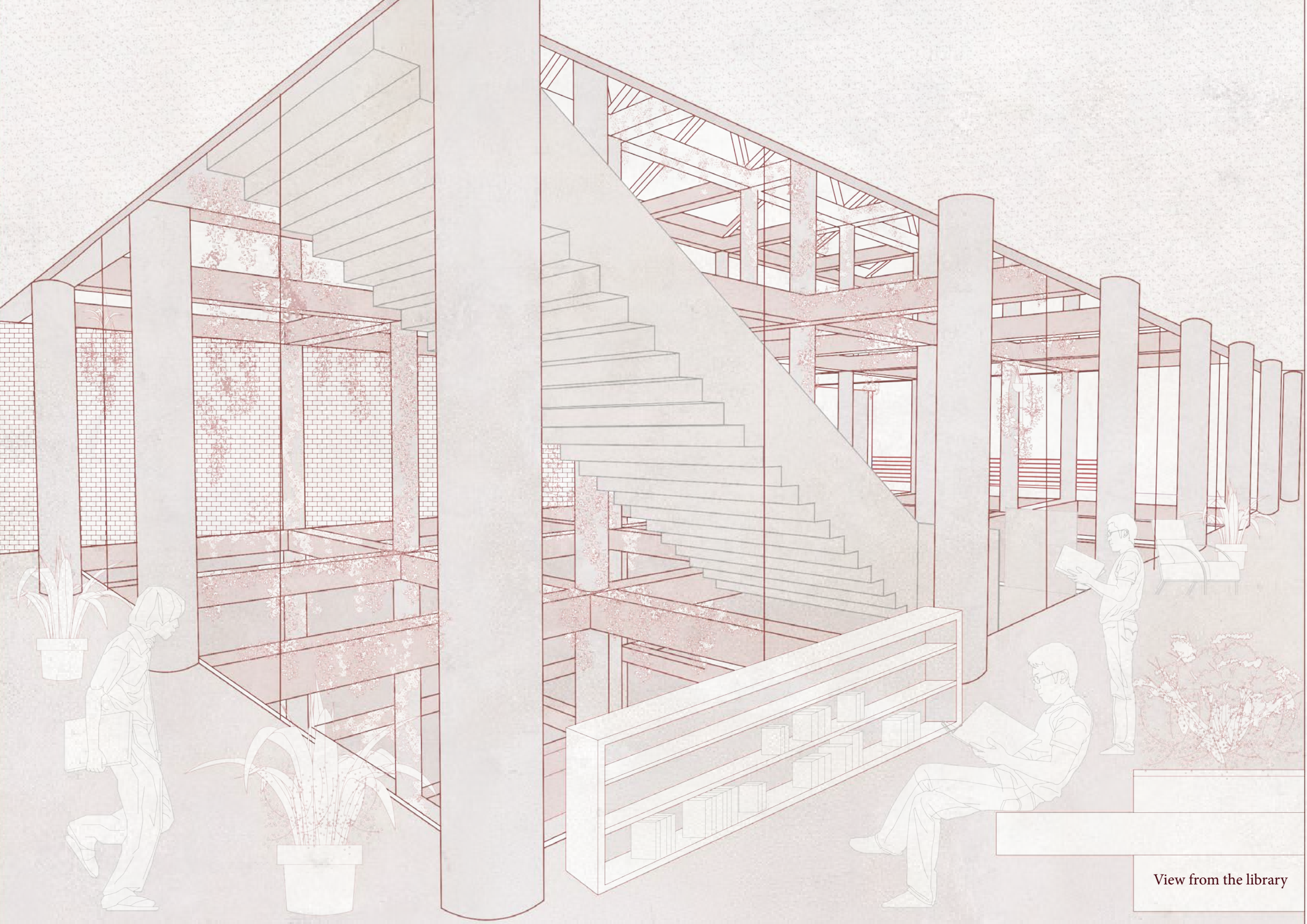
Plan 1st floor



ENTRANCES
Plan 1st floor



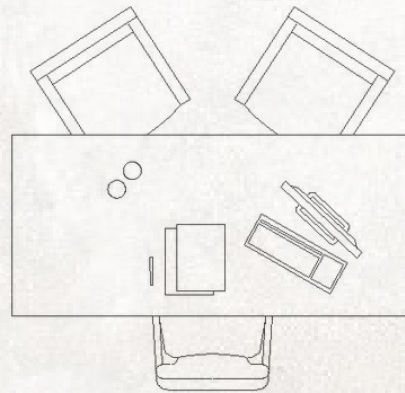
CIRCULATION
Plan 1st floor



View from the library

2nd floor

STUDY AREA

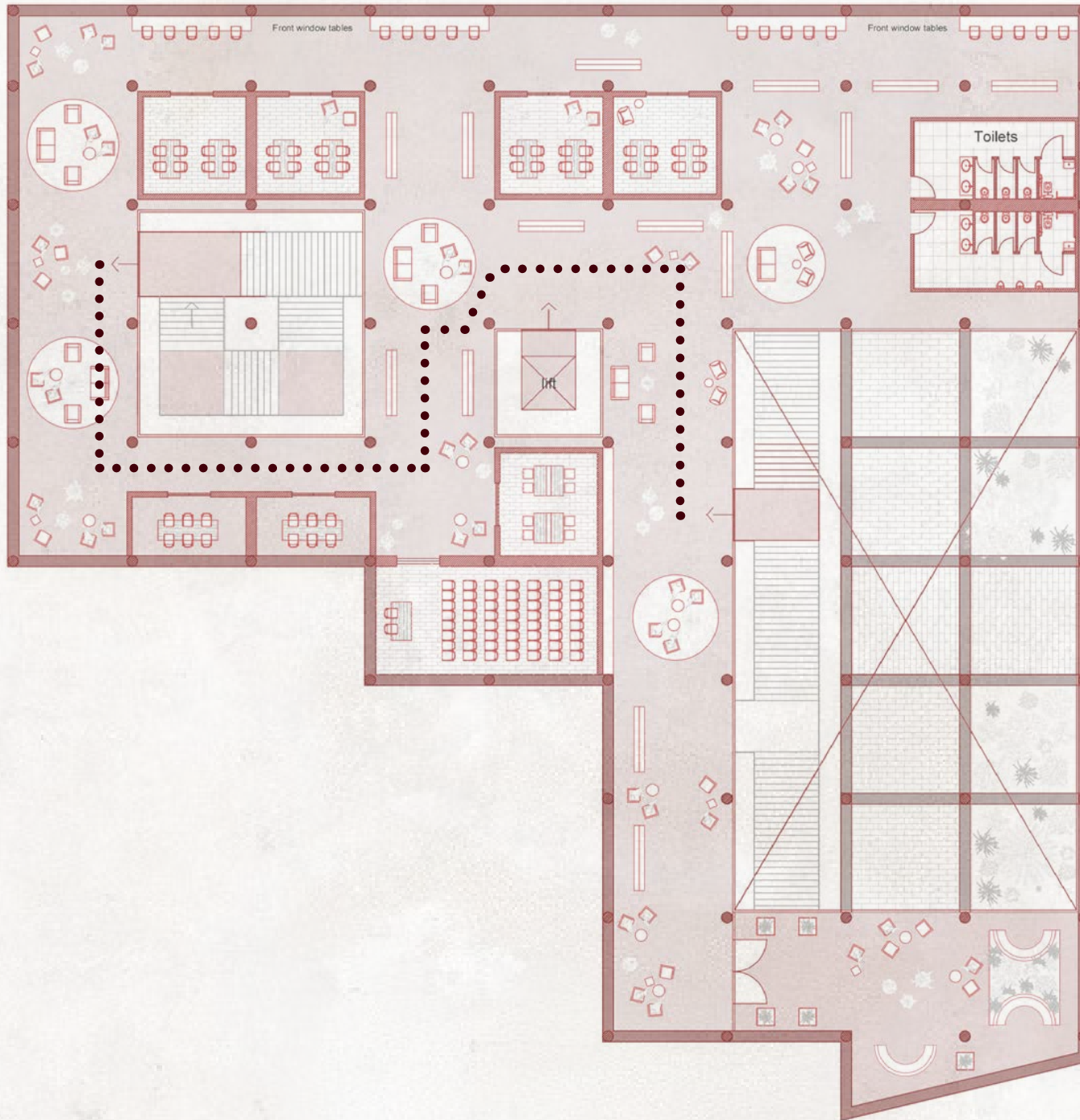




Plan 2nd floor



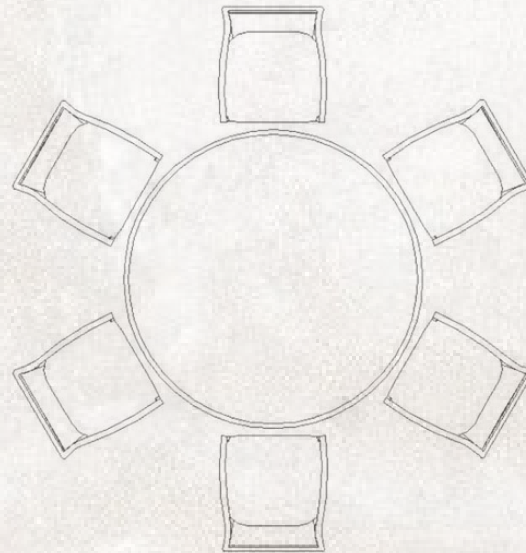
ENTRANCES
Plan 2nd floor

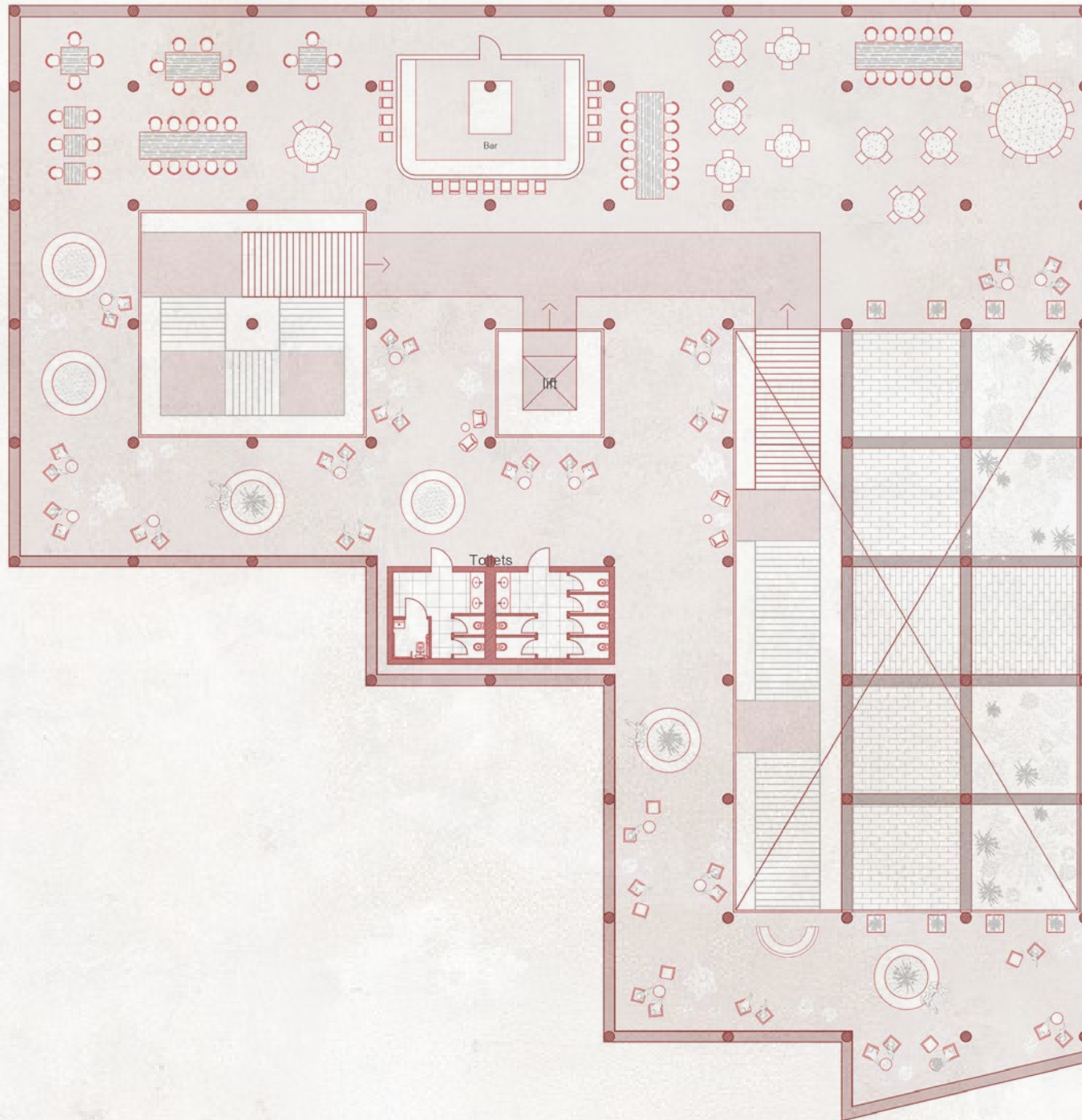


CIRCULATION
Plan 2nd floor

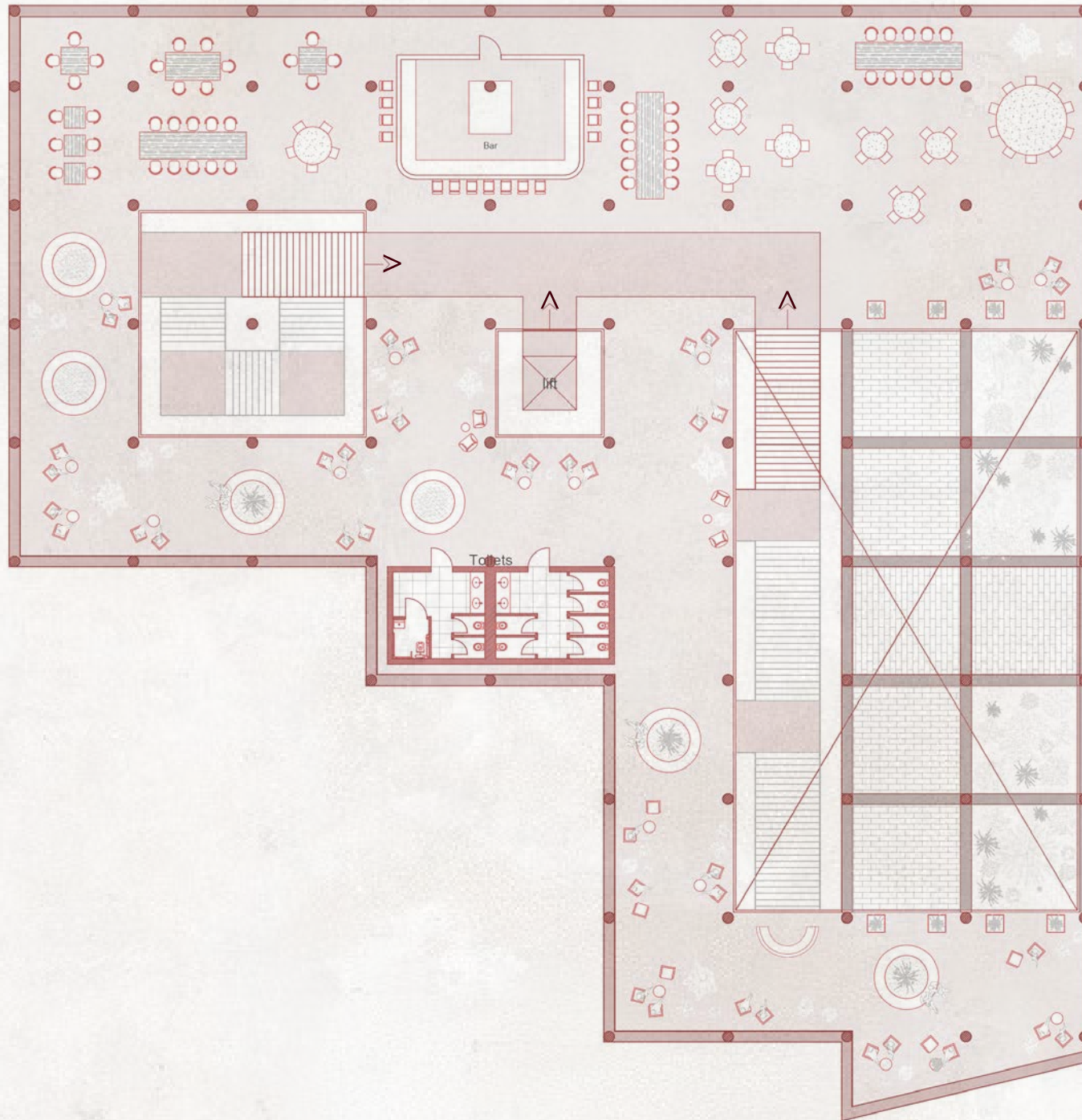
3rd floor

CAFE

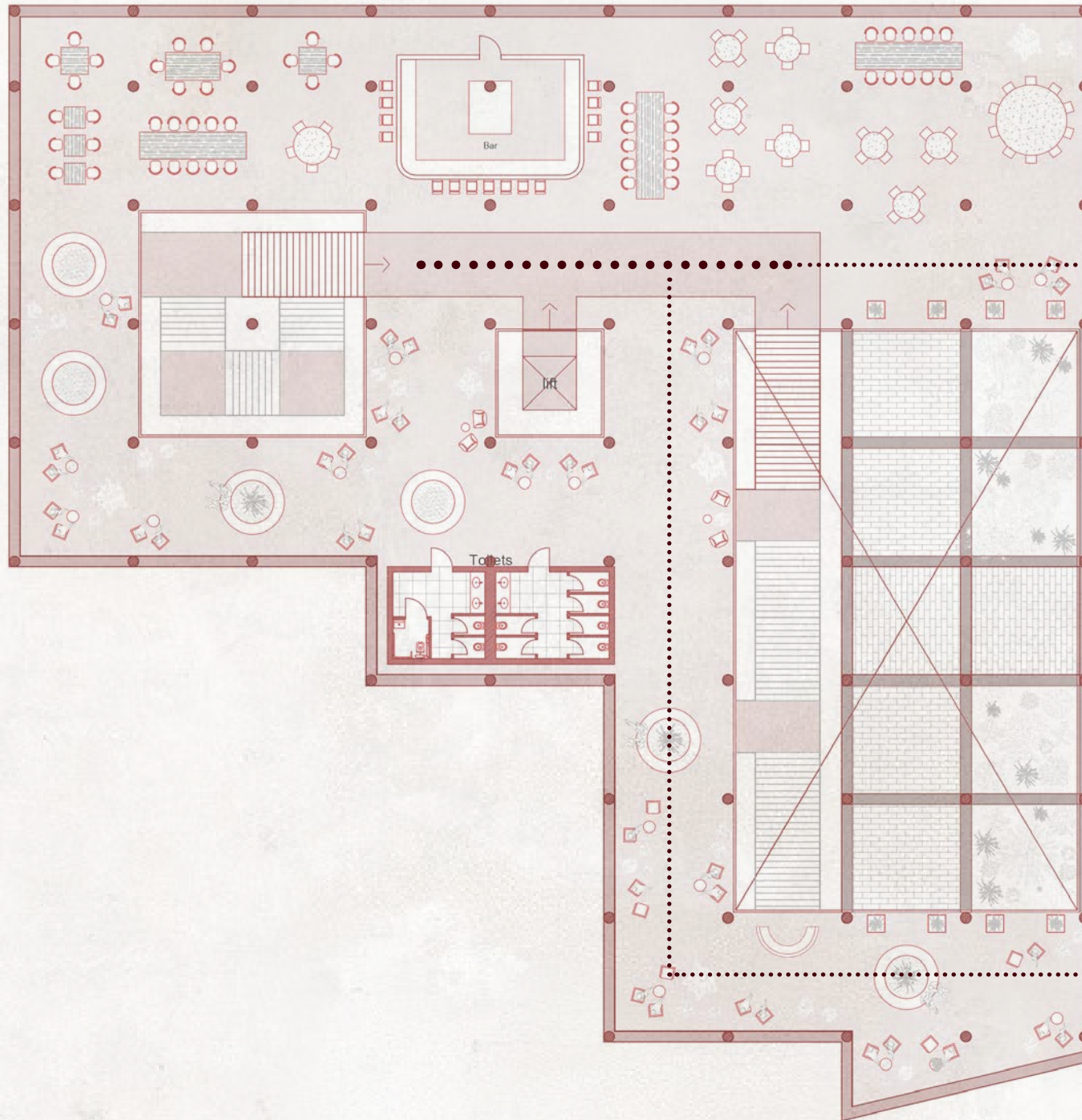




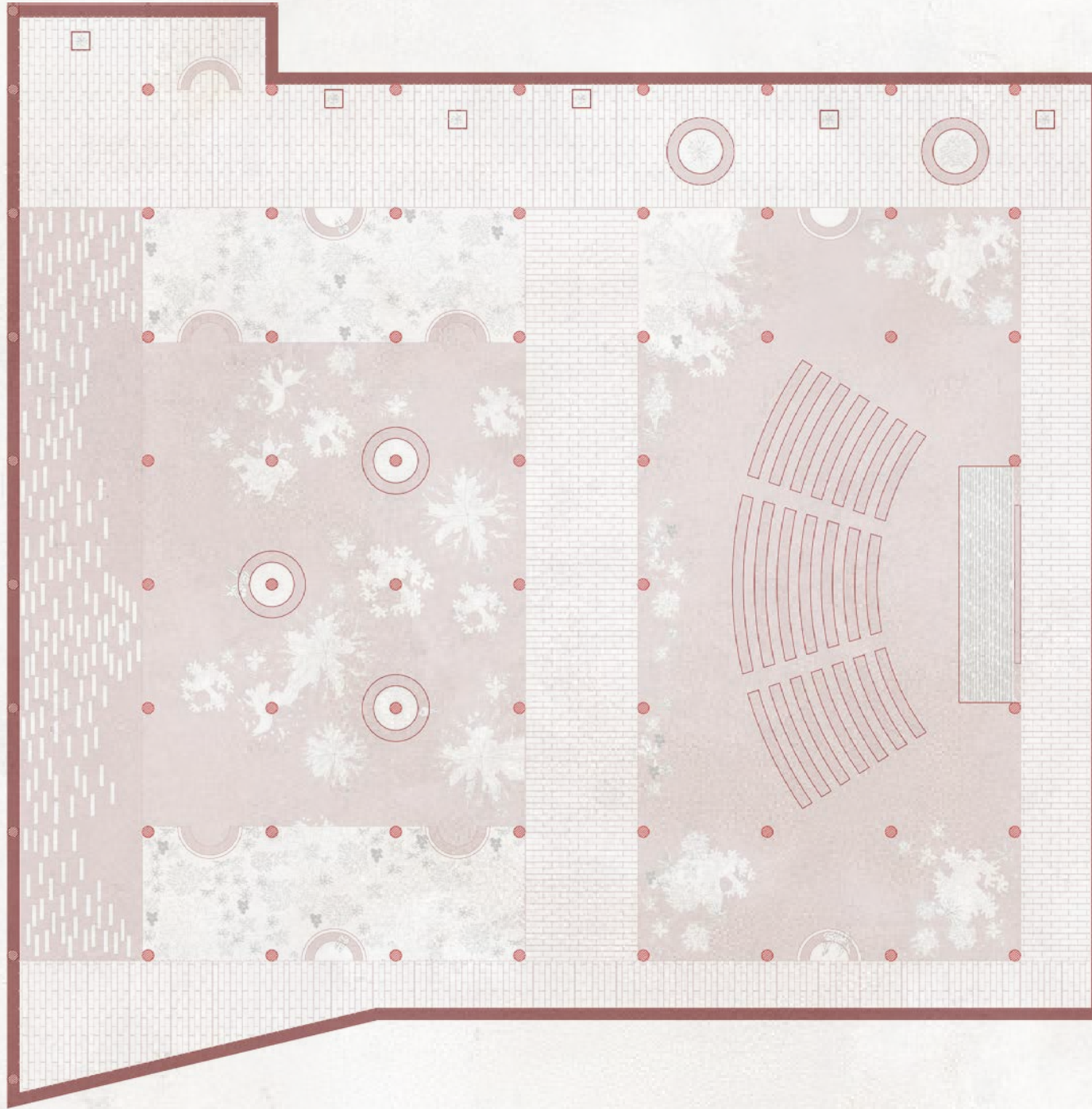
Plan 3rd floor



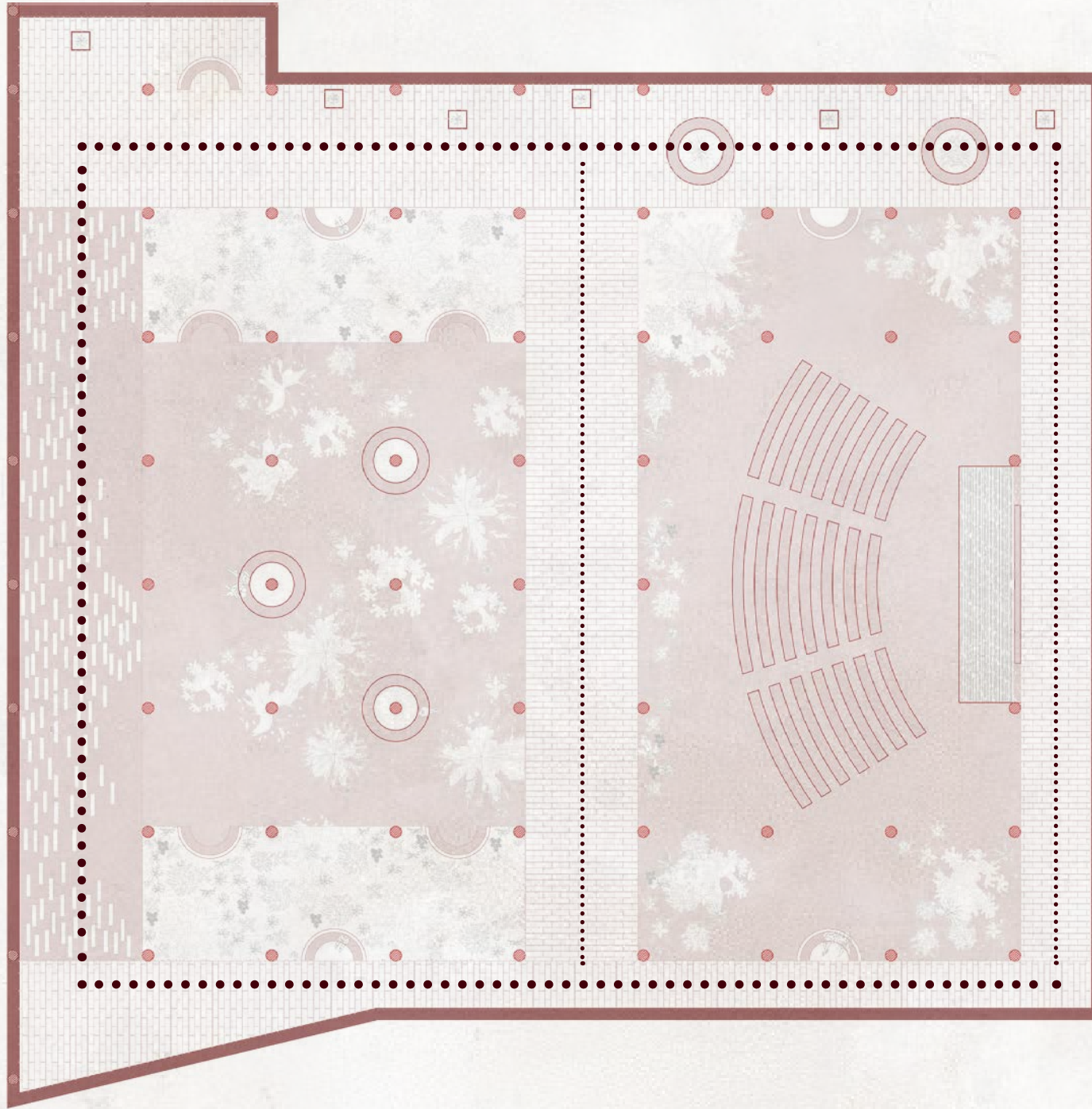
ENTRANCES
Plan 3rd floor



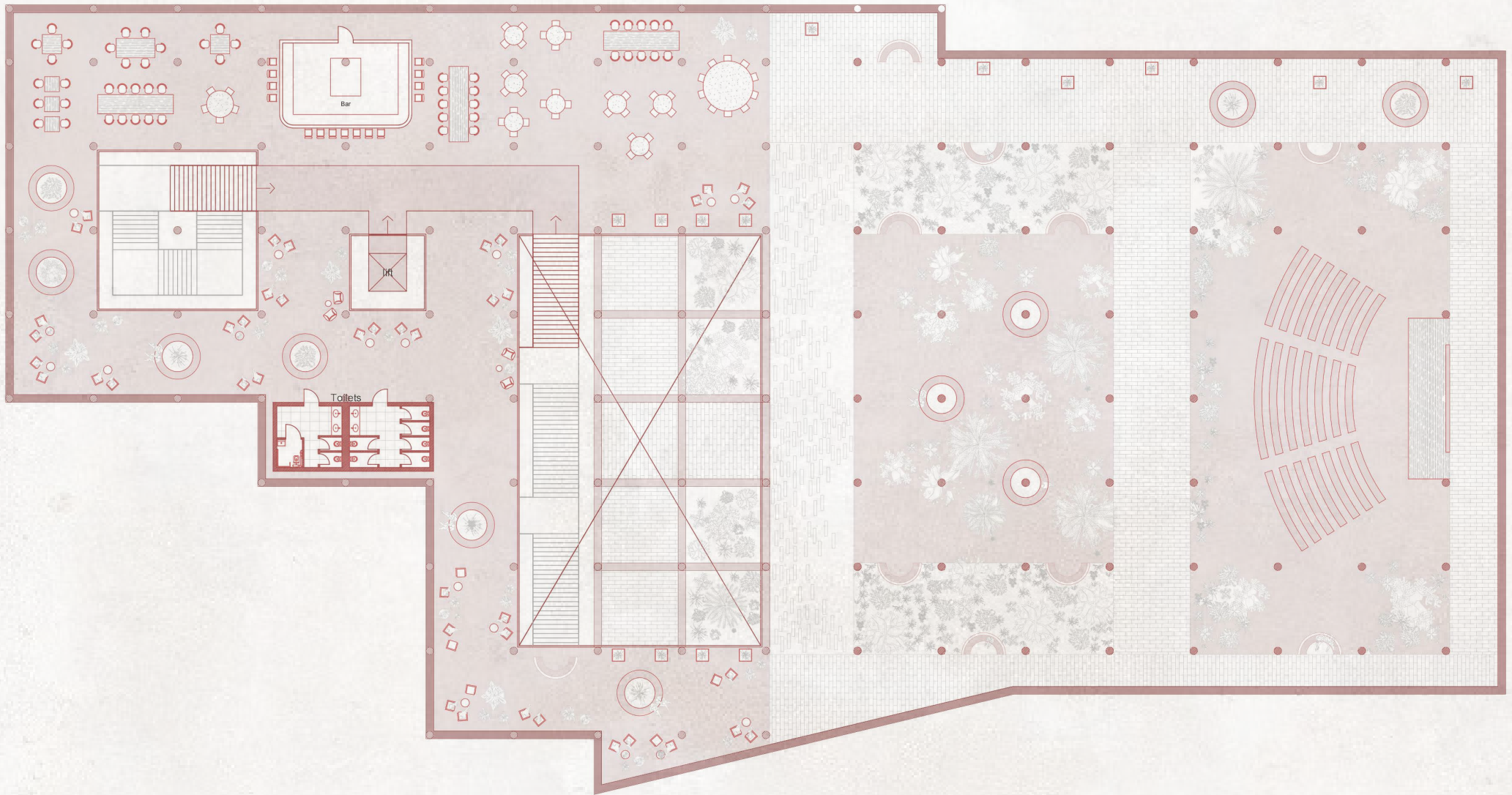
CIRCULATION
Plan 3rd floor



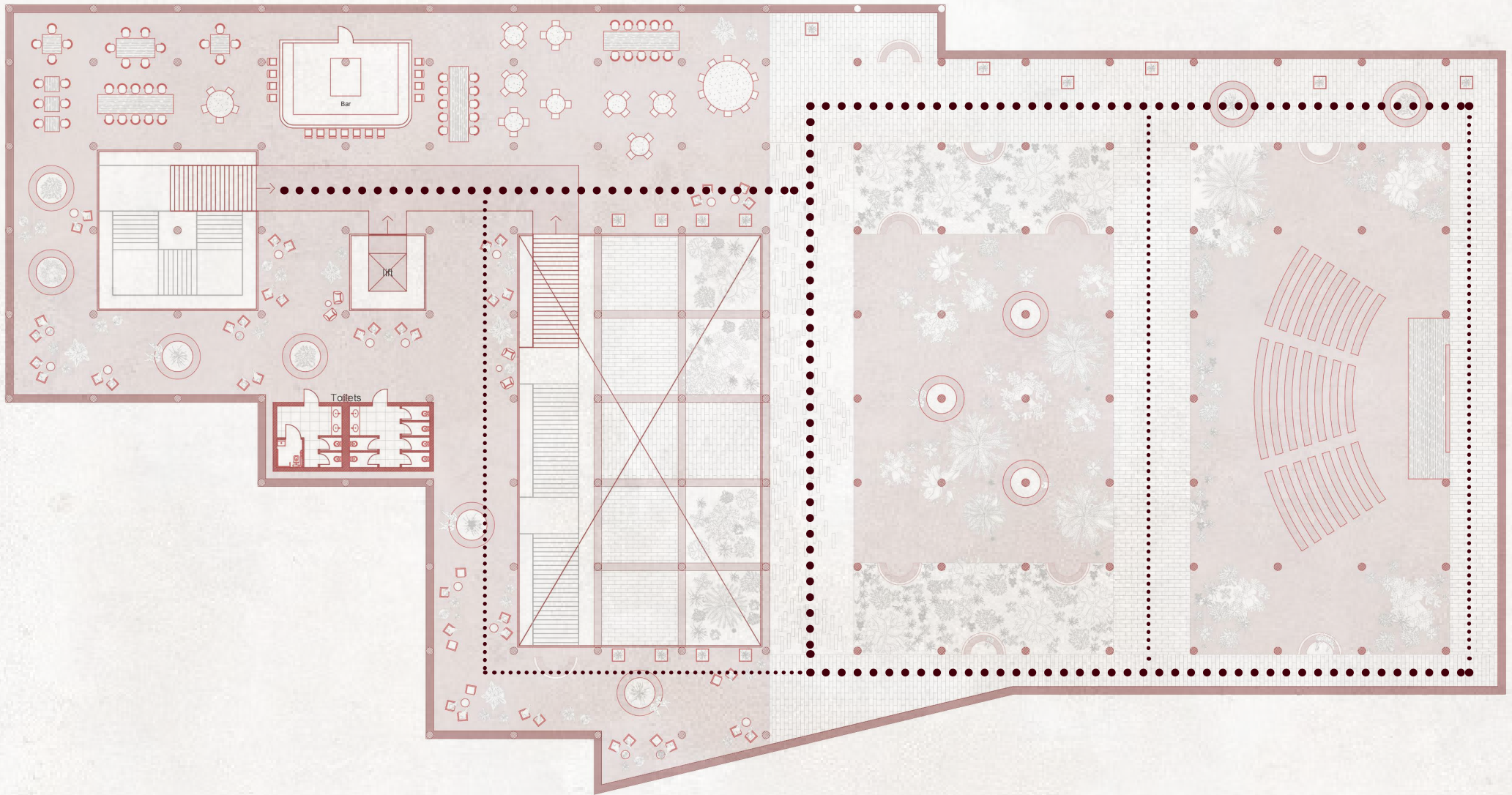
Building attached
Plan 3rd floor



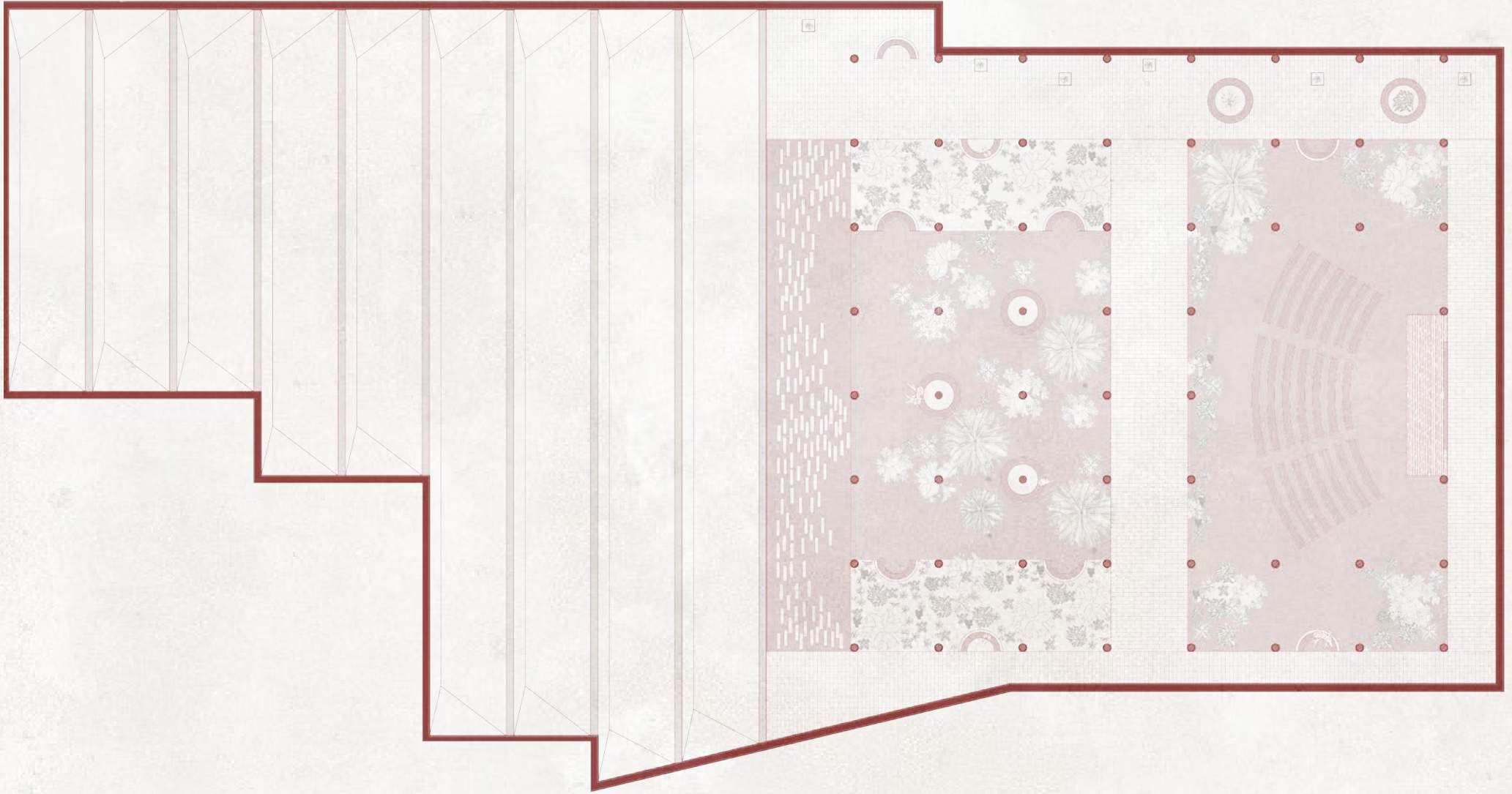
CIRCULATION
Plan 3rd floor



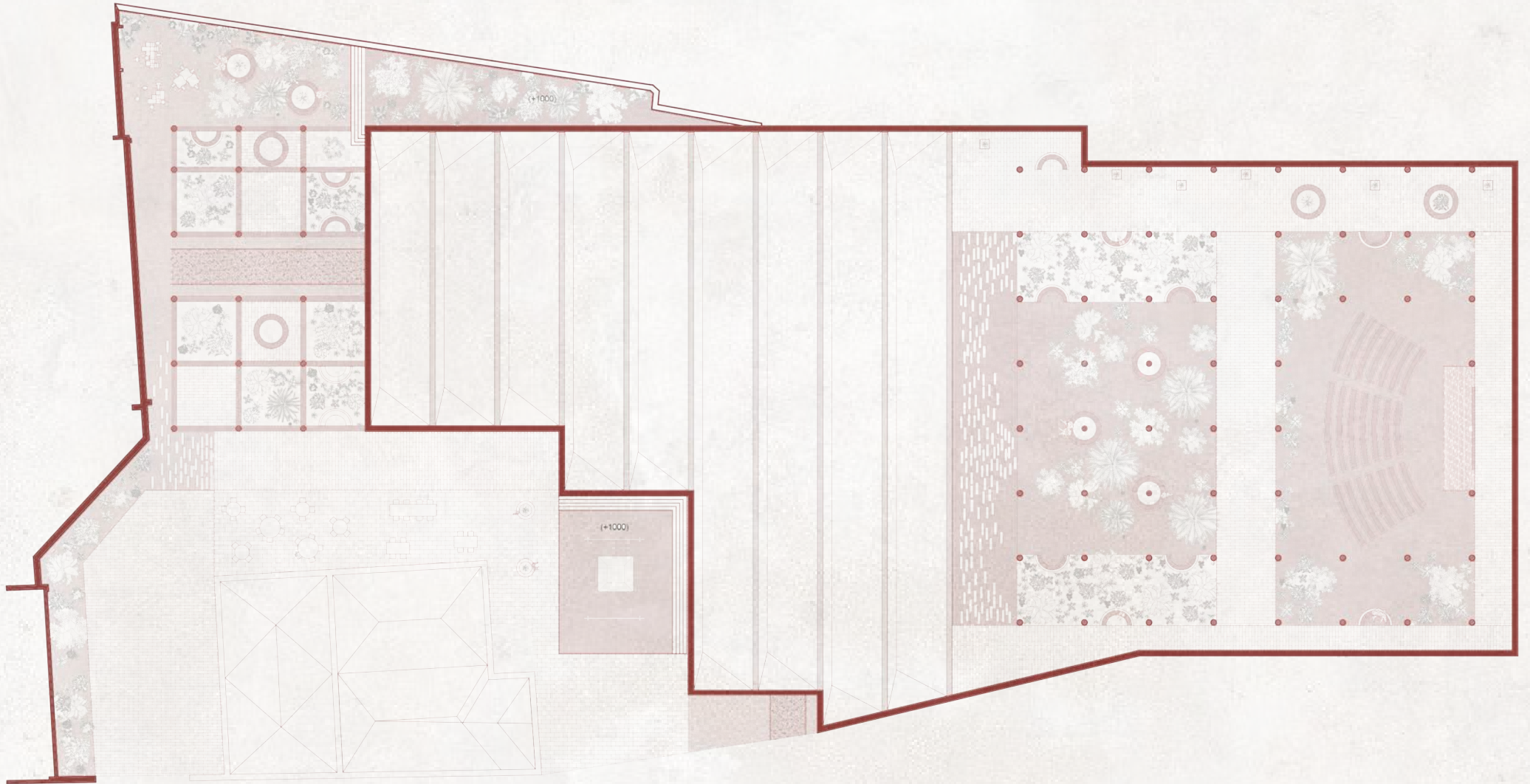
Plan 3rd floor



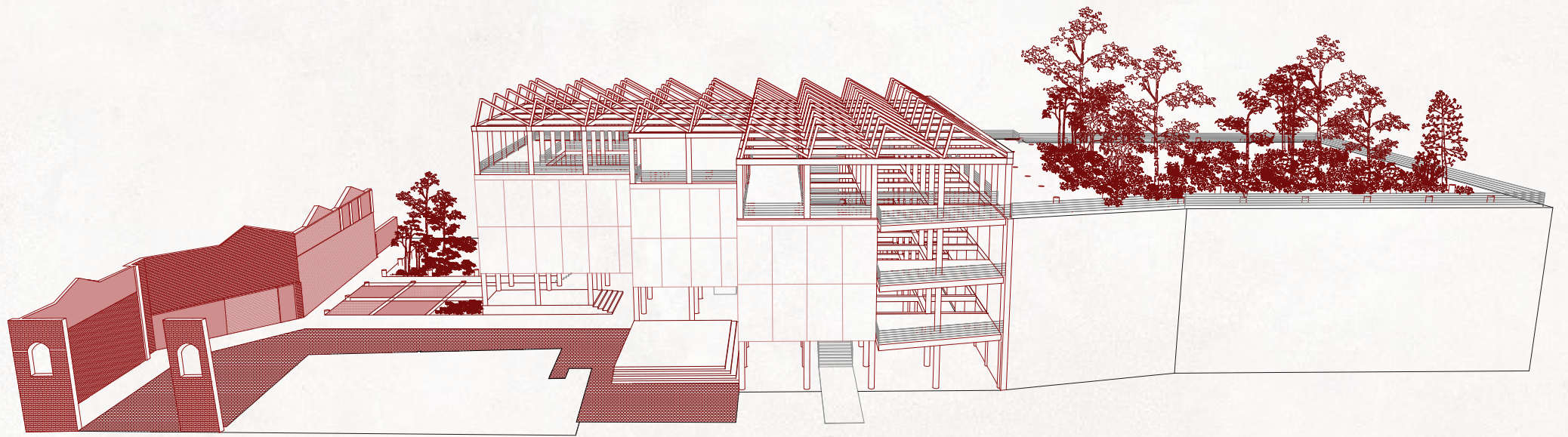
CIRCULATION
Plan 3rd floor

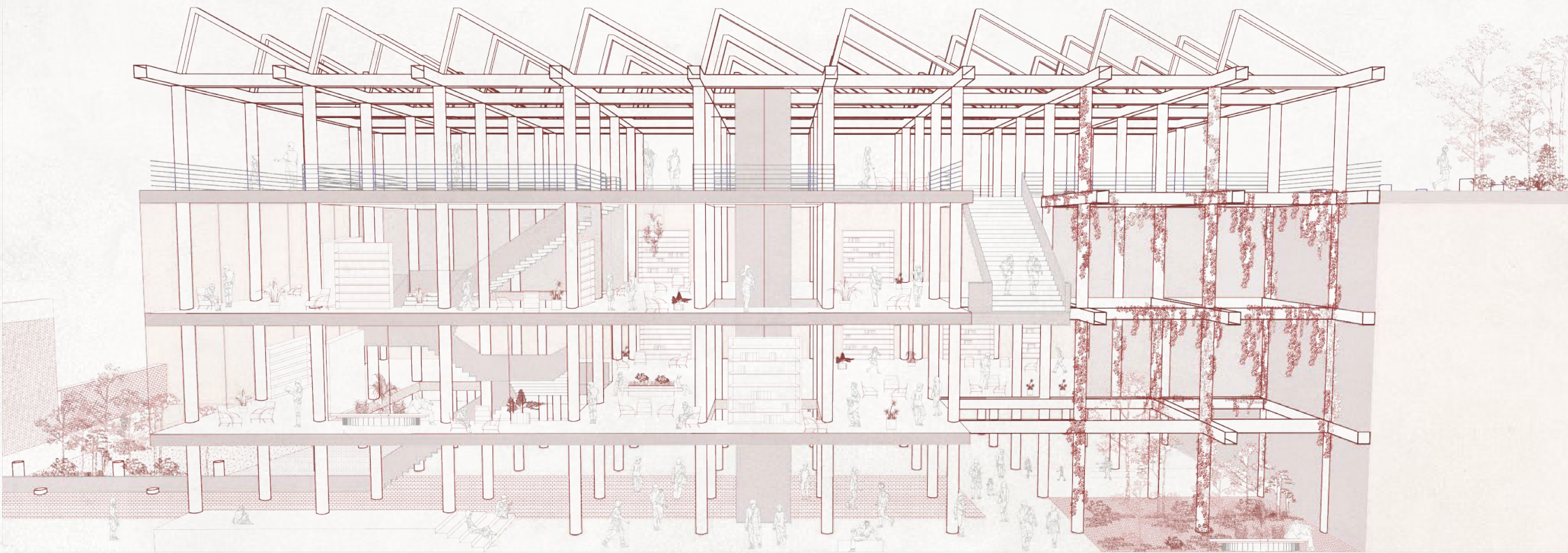


Plan roof

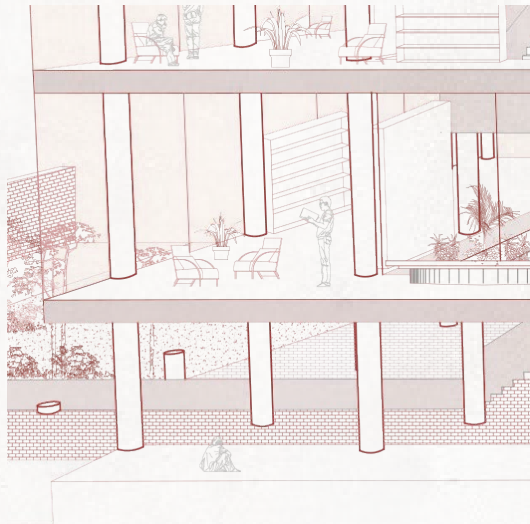
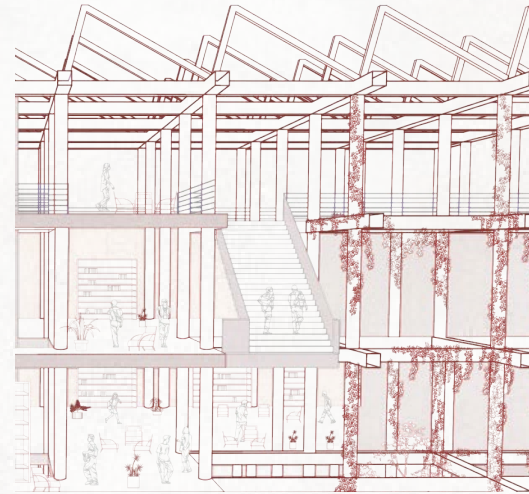
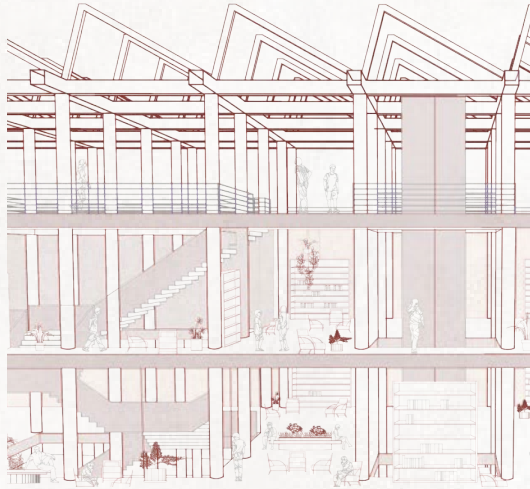


Plan roof

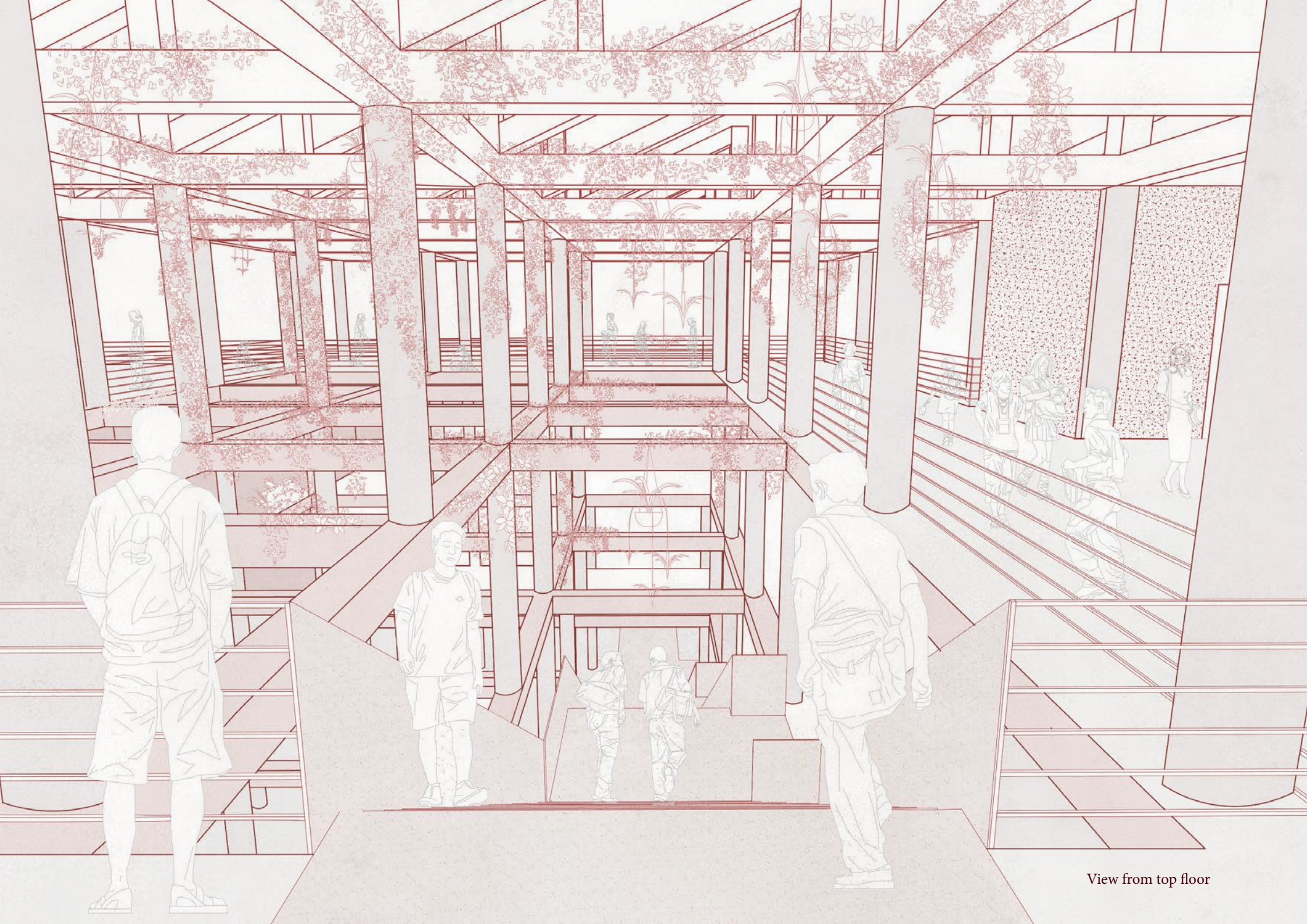




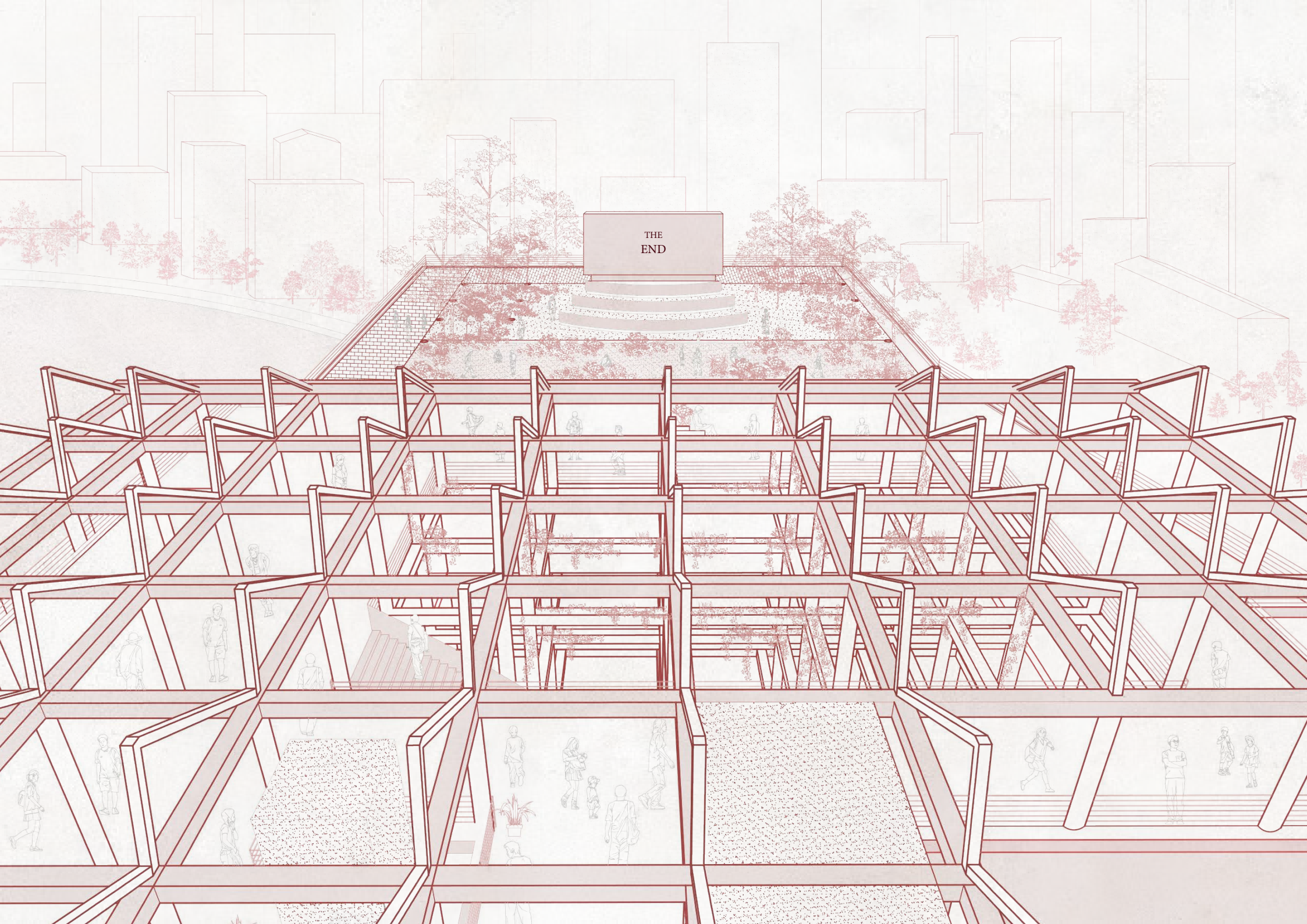
Overview sectioned



DETAILS
Sectioned view



View from top floor



THE
END