

Msc. 3 & 4
Graduation Studio

A New Front for the City Library

Snigdha Ray

INTERIORS BUILDINGS CITIES
New Front for the Stockholm City Library

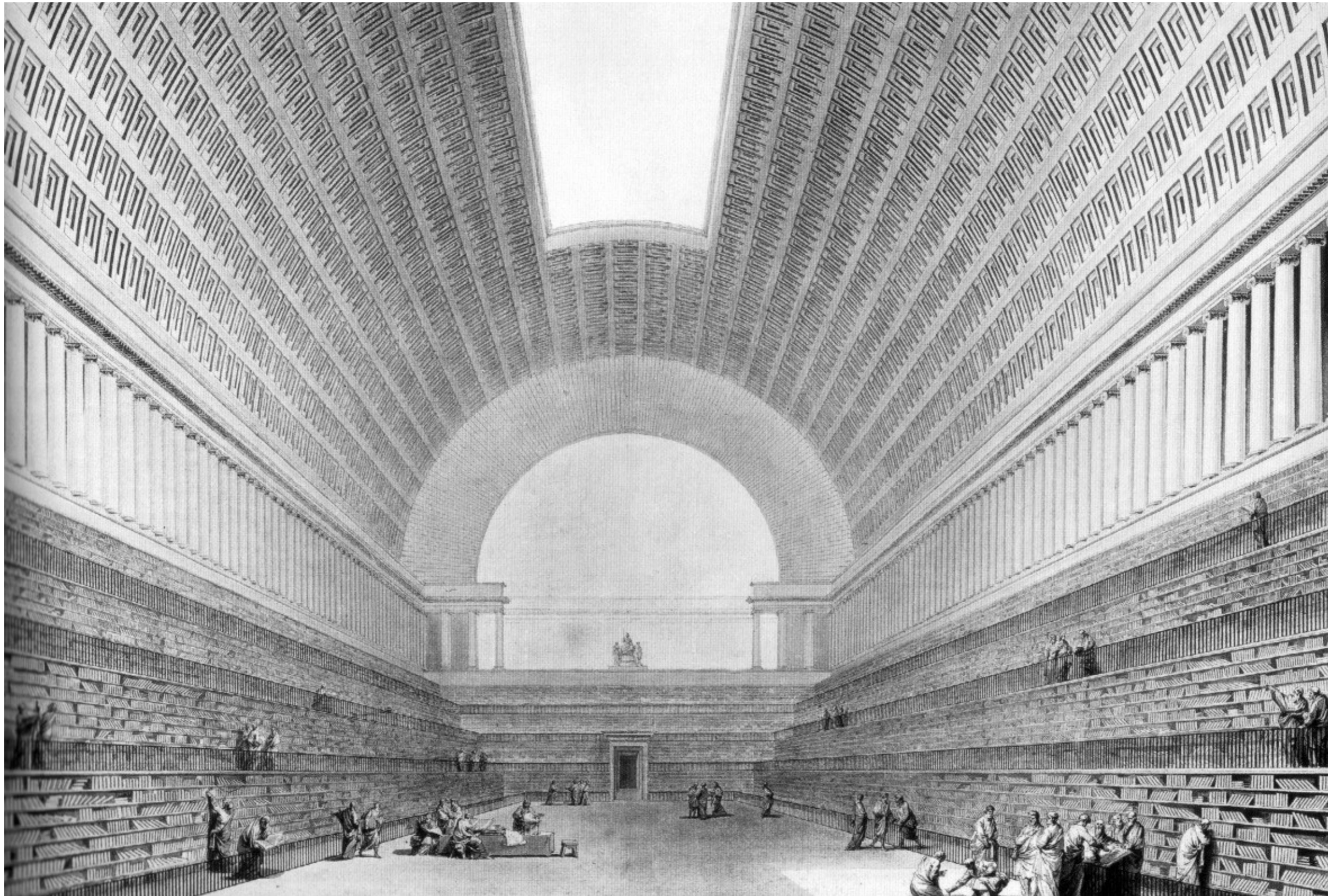
Interiors Buildings Cities
Msc. 3 & 4

Graduation Studio

Under the guidance of

Sam De Vocht
Sereh Mendias
Elina Karanastasi
Mark Pimlott
Daniel Rosbottom
Susanne Pietsch
Jurjen Zeinstra

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Notion of a Library

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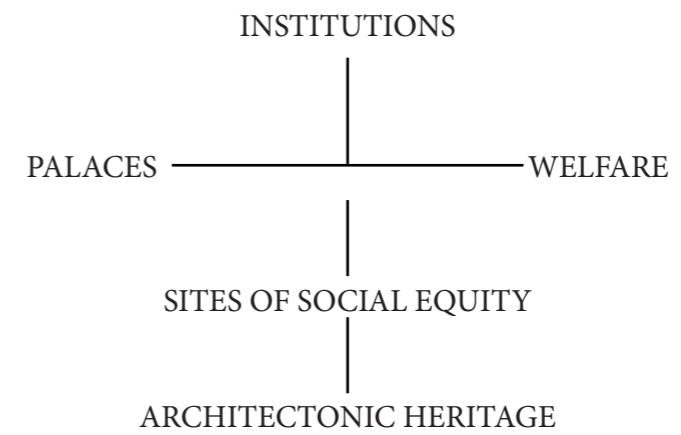


Being places of scholarly pursuit, where culture, knowledge, and people come together, a library is a site of multi-cultural importance and societal significance. Its role as a typology has evolved over the years, faced by the challenges that most urban institutions of today face, the paradigm of history, change and serving a new purpose for the modern society.

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Political Context



"In a deregulated welfare state such as Sweden, the public library remains one of the few public spaces that have not been privatized or opened to the market forces. Therefore, it remains an integral part of the neoliberal context in the wake of new media, new interactions, and new exchange. The question then arises, how might a library remain an inclusive public space, that continues to propagate socio-cultural integration? "

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Urban Palaces

THE LIBRARY

Analysis of the Library - Existing inconsistencies -The West Wing

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Urban Plan, Location of Site, Context

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Urban Palaces

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Notion of Monumentality, Individual to the Collective

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Notion of degrees of publicness

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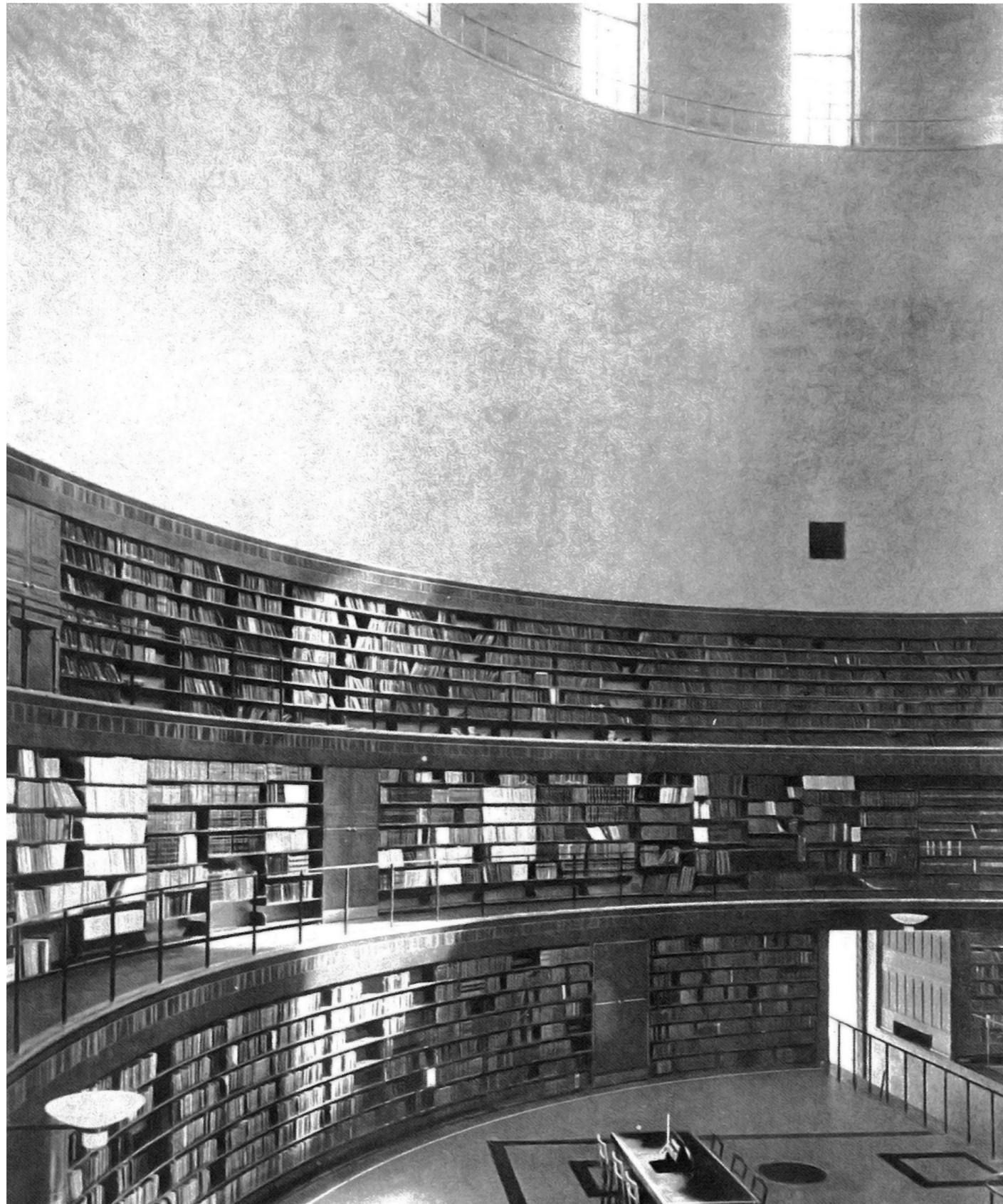
Public realm of access to knowledge

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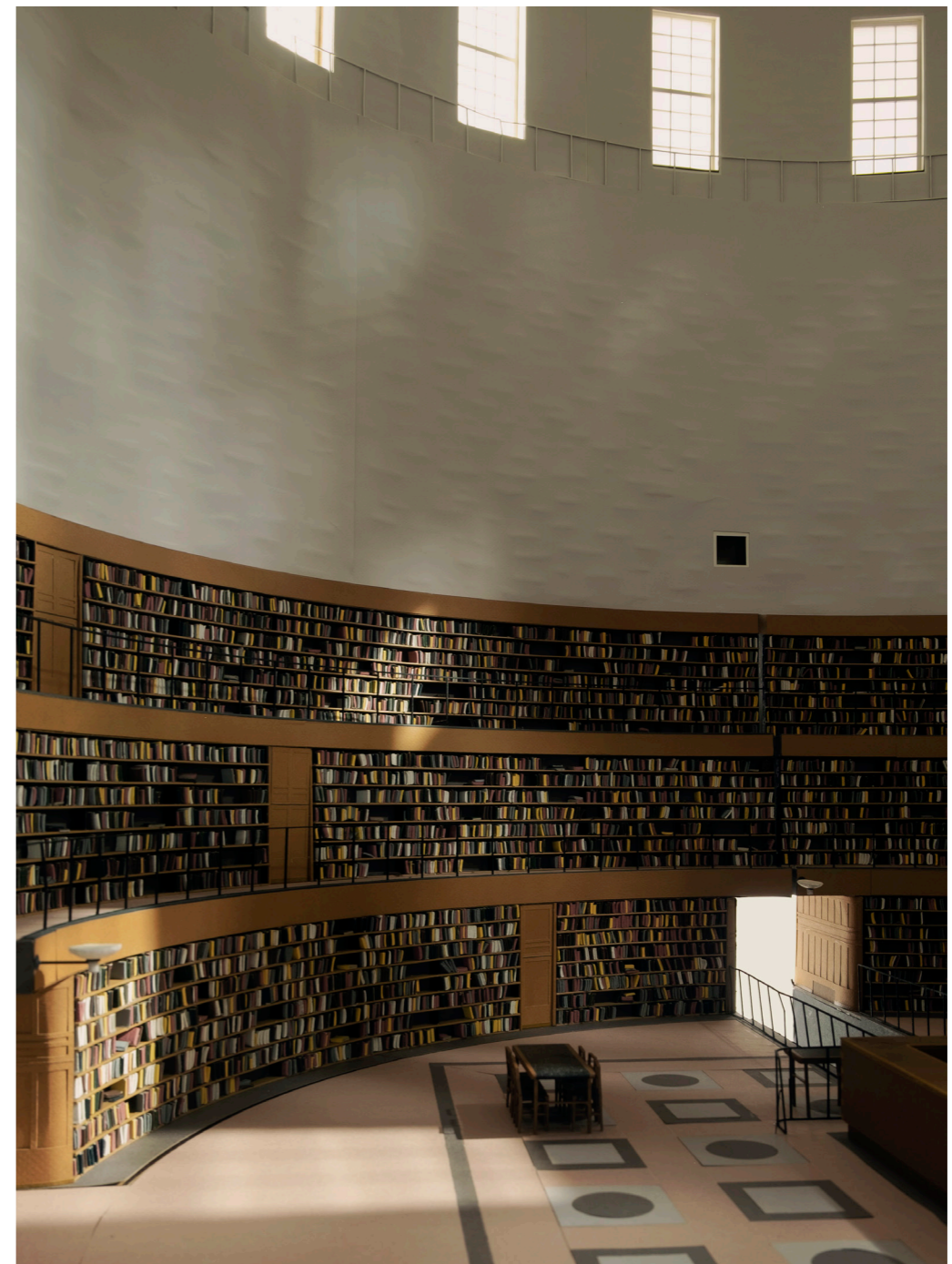
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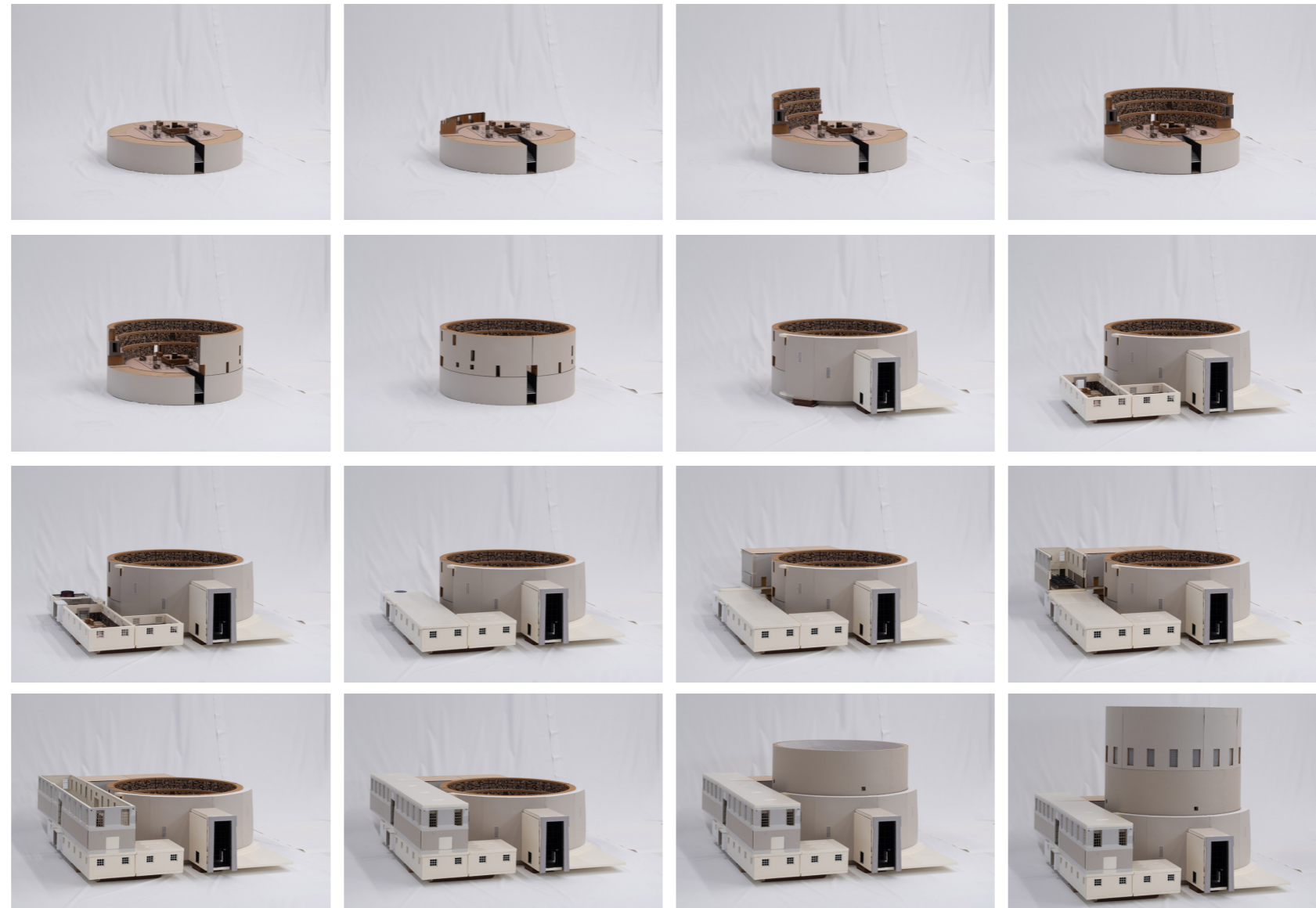
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(above) Fig.2. *Looking carefully*, Sequence 1:25 scale model, Studio work

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(above) Fig.3. Looking carefully, *Sequence 1:25 scale model*, Studio work

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archival

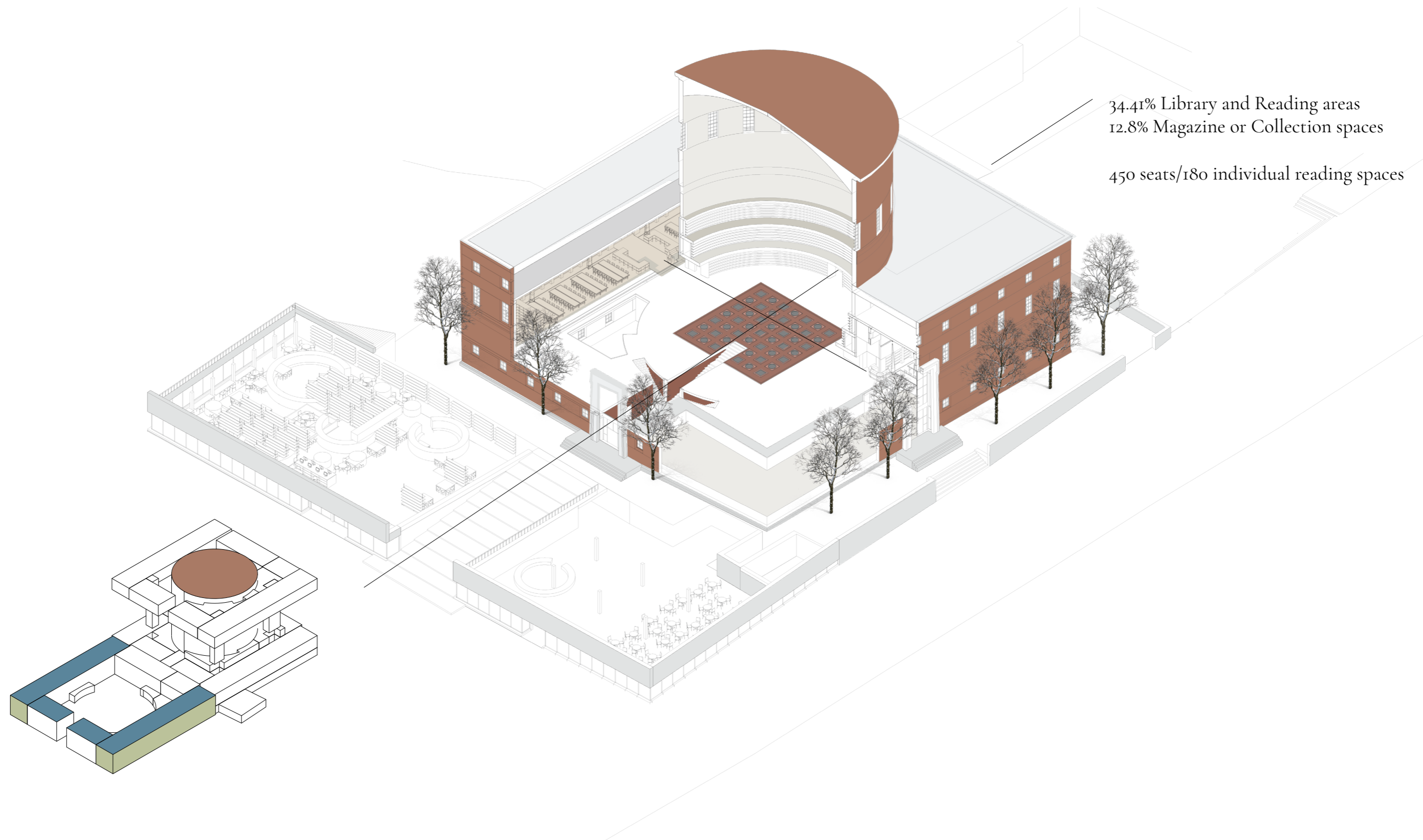
current

model

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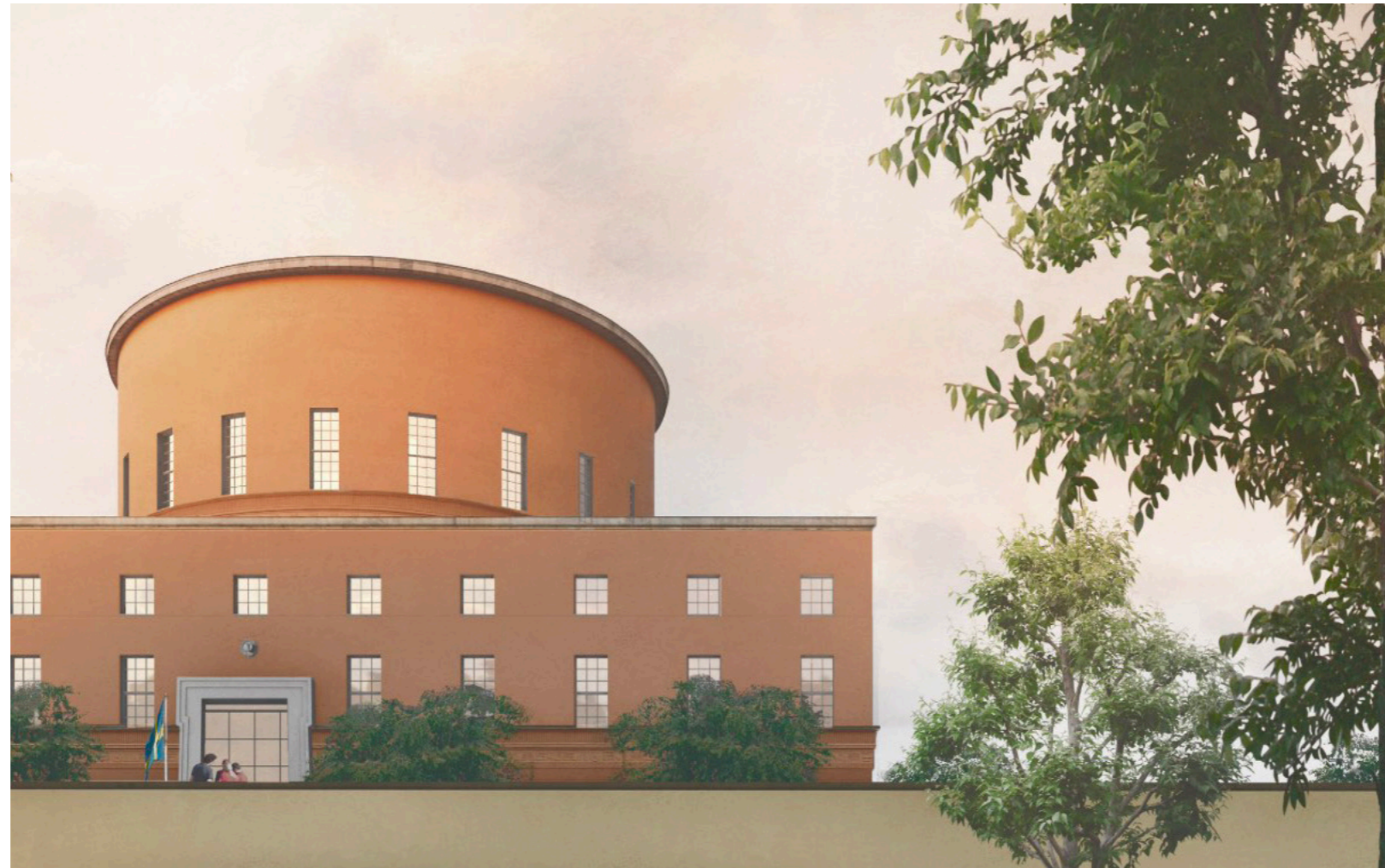
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Brief:

"In doing so, it emphasised issues of diversity, questioned the necessity to accommodate large areas for new media, proposed a shift in the provision of study spaces to smaller group and individual work environments, and opened up the possibility for overlapping uses, in time as well as space."



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Released a series of competitions

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The Analysis of the existing needs of the Library, Research Question

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The Analysis of the existing needs of the Library, Research Question



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User upsurge

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Repository and central rigid lending, occupancy of Rotunda is diminished

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Overall Capacities

Research Question

*What are the existing relationships between the site and the city?
How does the modern Library act as a navigator, a piece of social infrastructure, and resolve aspects of access, and
dissemination of knowledge while respecting its monumentality?
How can a proposed extension respect site constraints?*

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Holistic Value of the Observatorielunden, a harmonius ensemble

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1:10000

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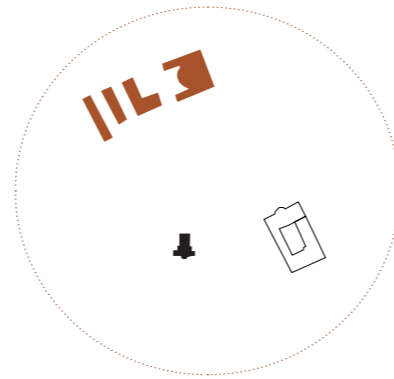


Dynamics of the city and the hill, and the library ; Knowledge District

G. Asplund and Erikallerstedt.

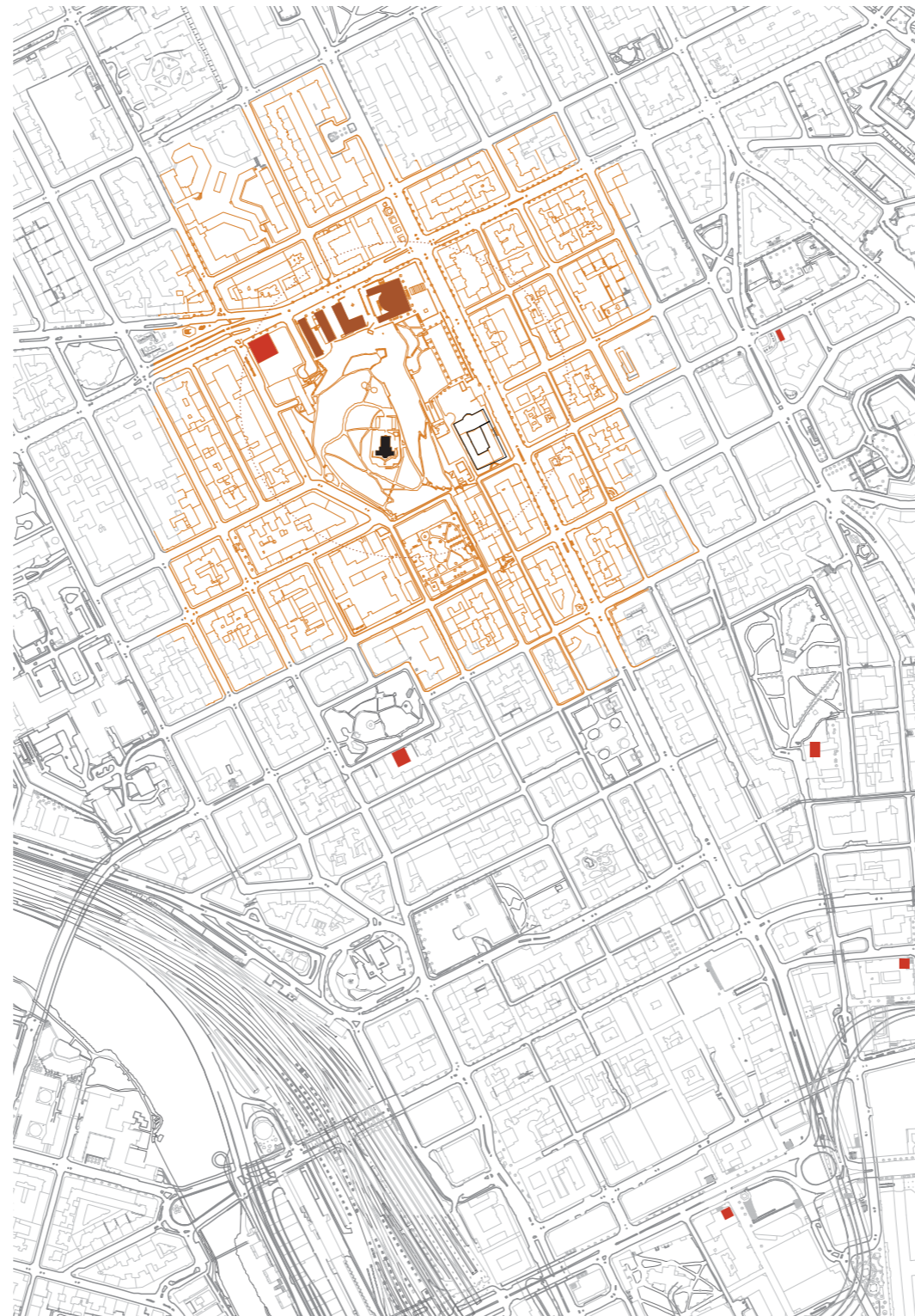
1860 Development of the Observatorielunden as a Campus for educational establishments

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Asplund's Campus
Vasastaden
Neighbouring Libraries

Library as an Epicenter of dissemination of knowledge

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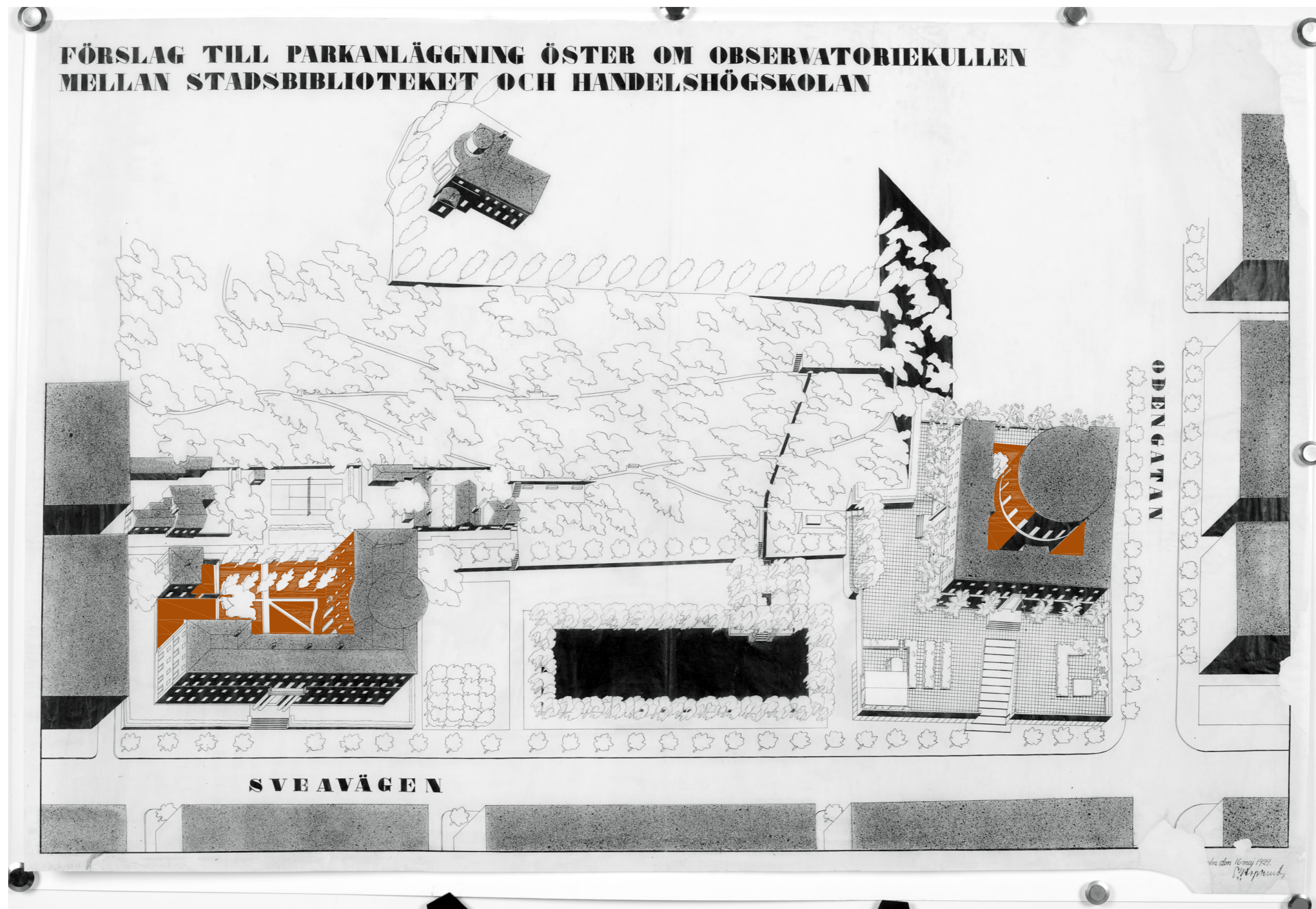
Asplund's plan from 1928 of the area around Observatory Hill with the library with its slightly turned final position.



THE CITY PLAN - FINDING PARALLELS IN INSTITUTIONS

Larger network of adjacent libraries - Communicating Interiors

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Sveavagan, East - The communication with the School of Economics Building and the emerging idea of a campus

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(above) Fig.4. A bigger outreach. Network of neighbouring libraries in Stockholm [10.10.2023], Part of a Larger Whole



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progression
Representative public buildings

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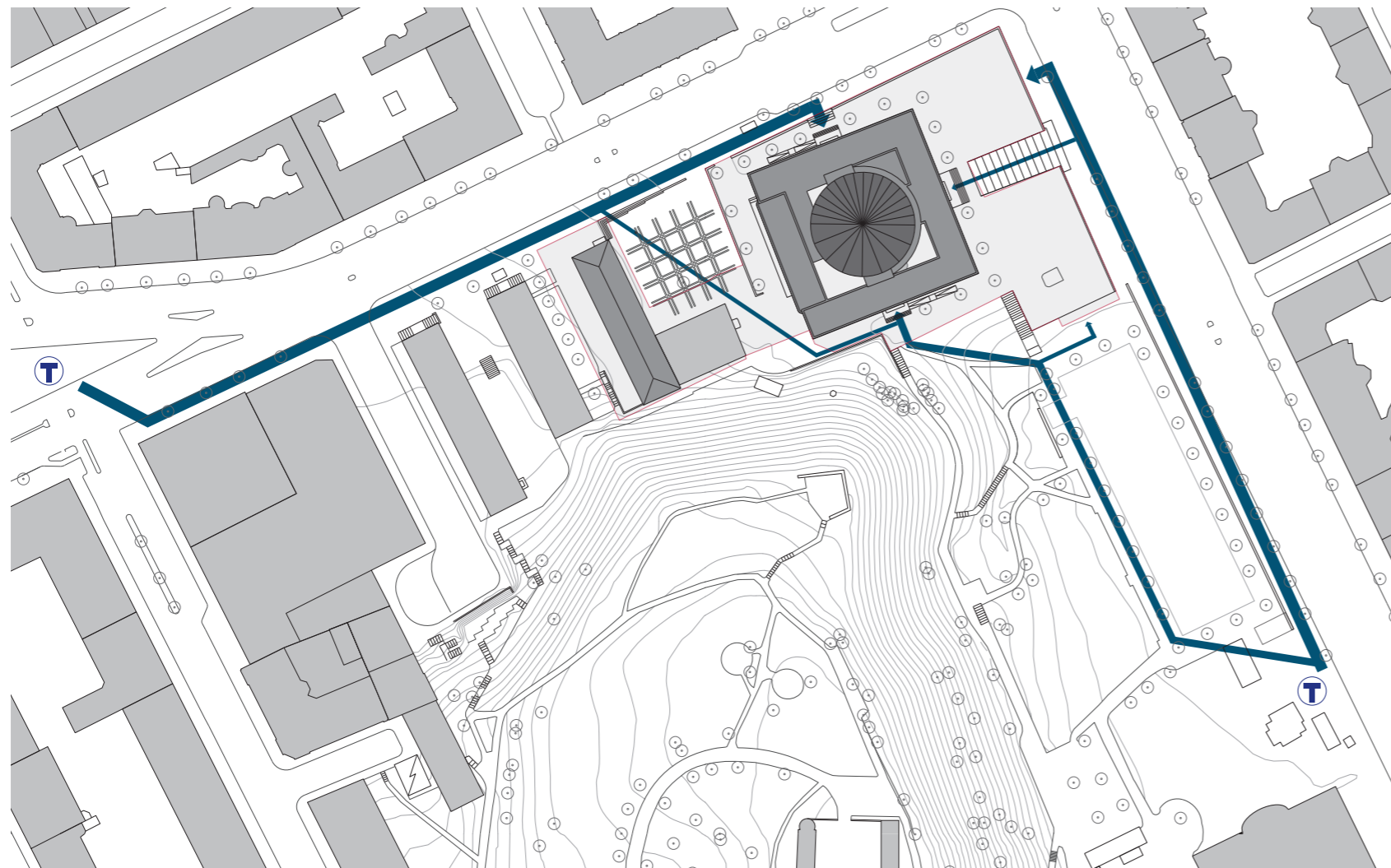
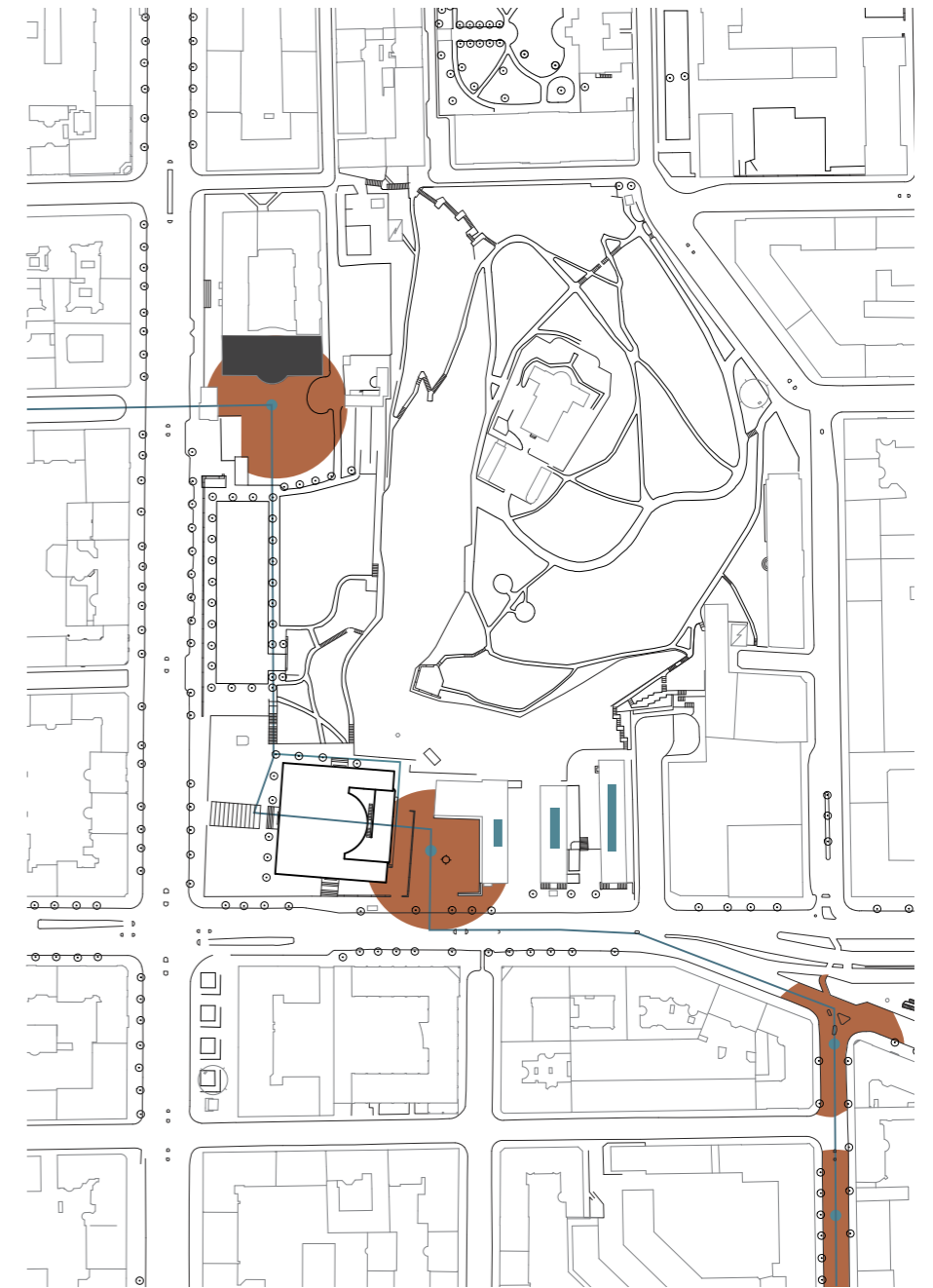


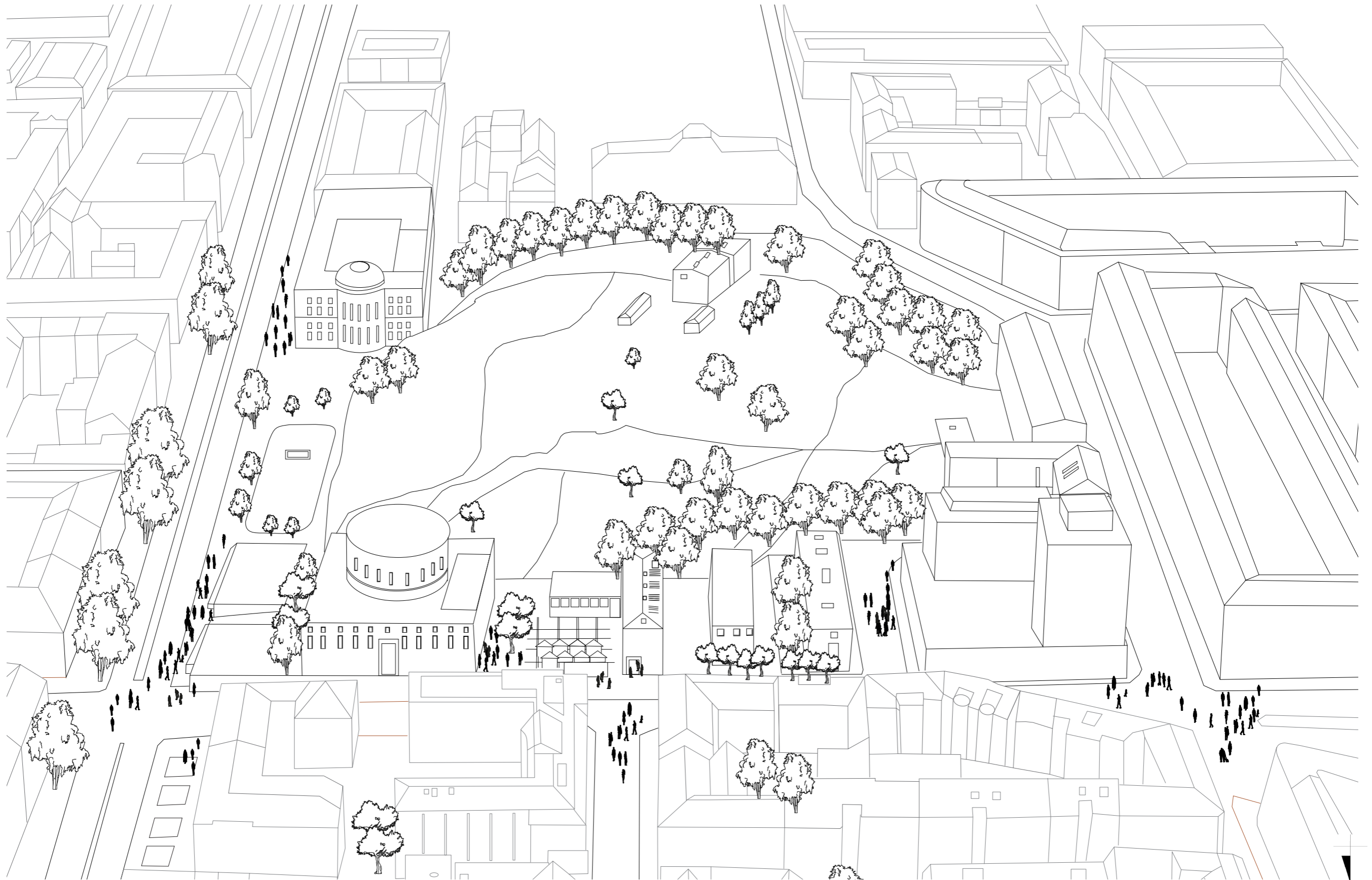
Fig.15. Transformations in favour of existing pedestrian traffic infrastructure, Image courtesy; Caruso St. John Architects



Odenplan to site - Pedestrian infrastructures



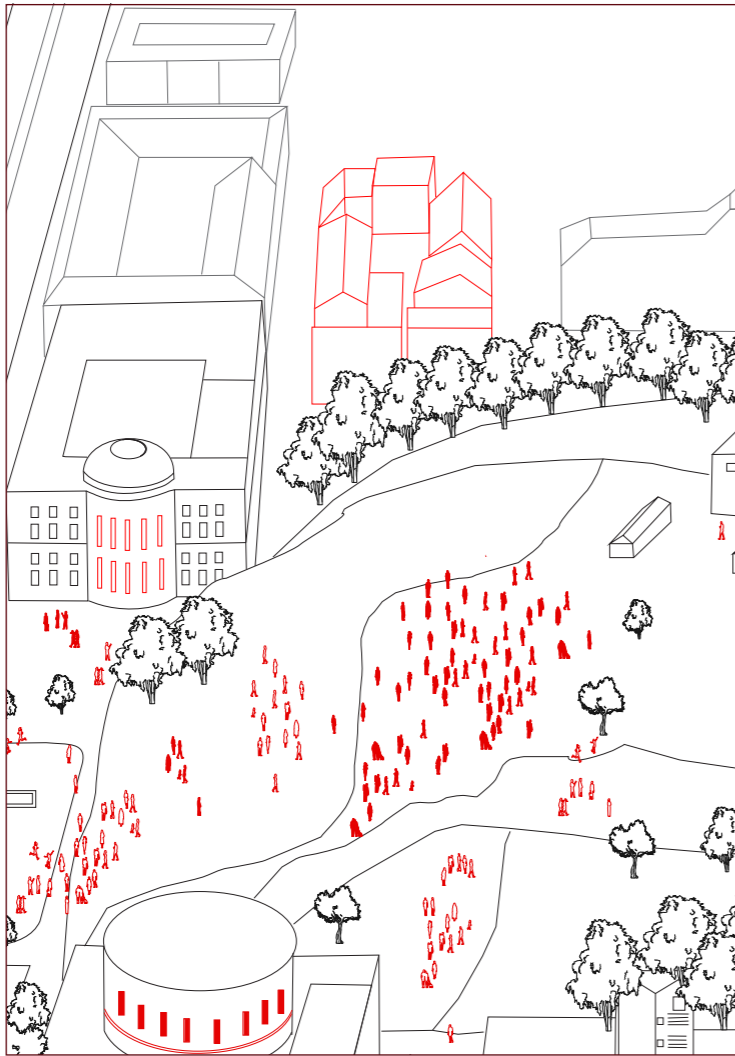
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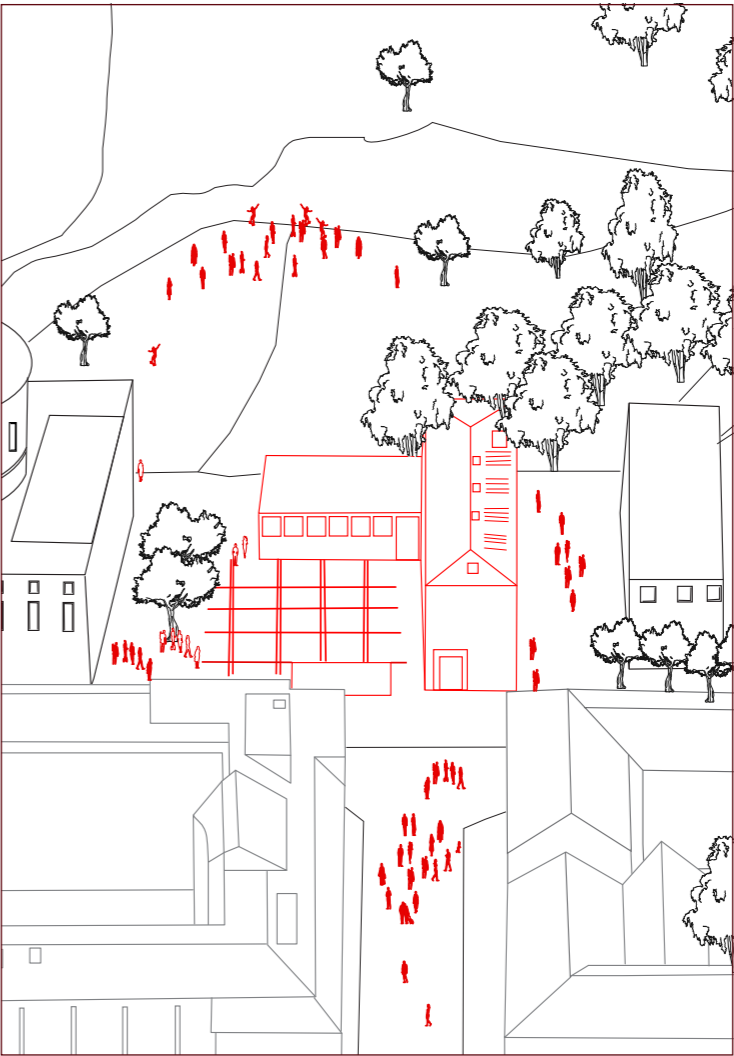
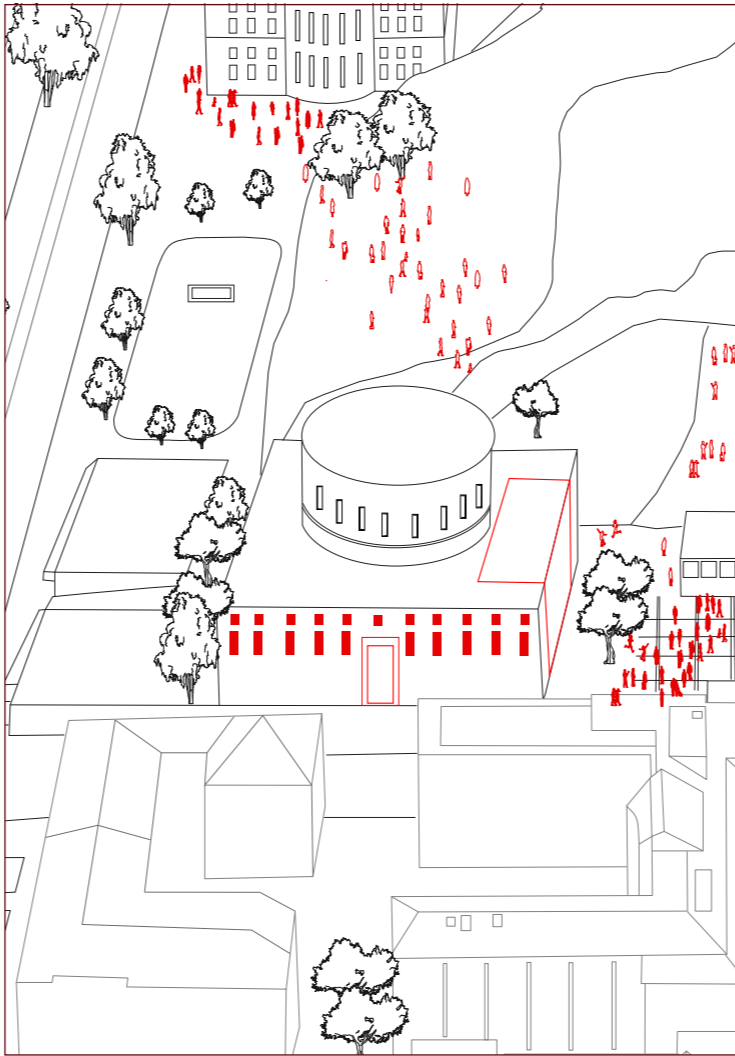
Existing Situation - Library's footfalls

Engravings from the site as initial impluses -location of the campus

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Site as Cultural Equity



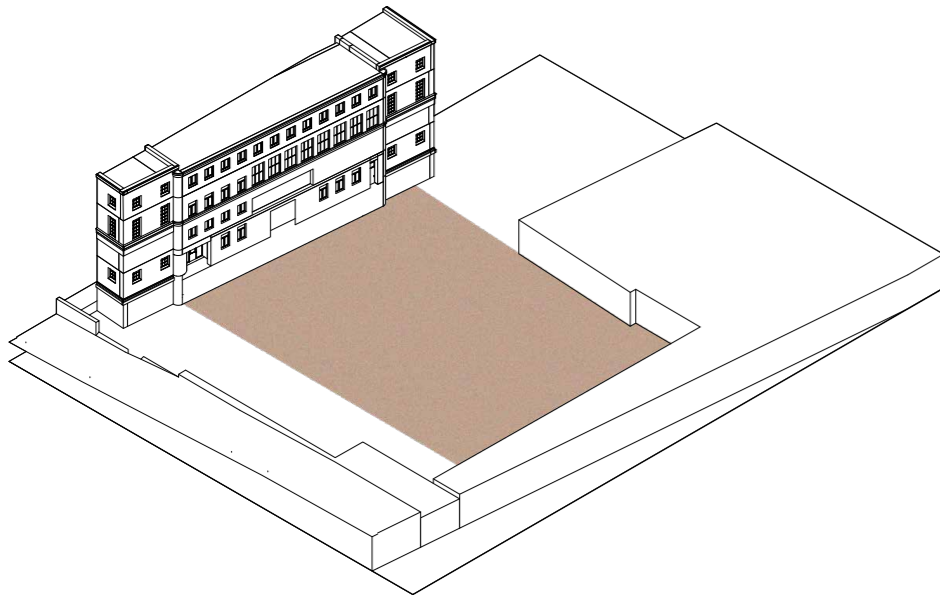
Engravings from the site as initial impluses for the location of the campus



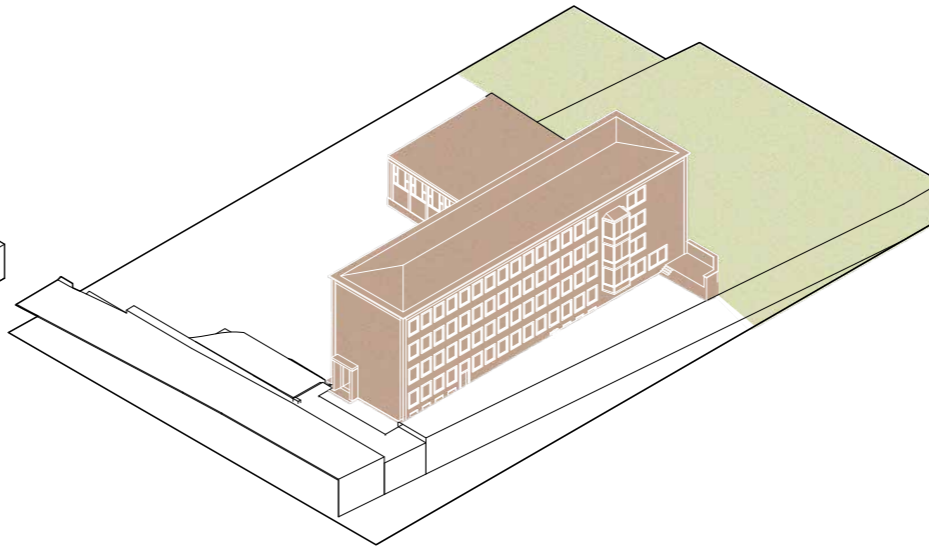
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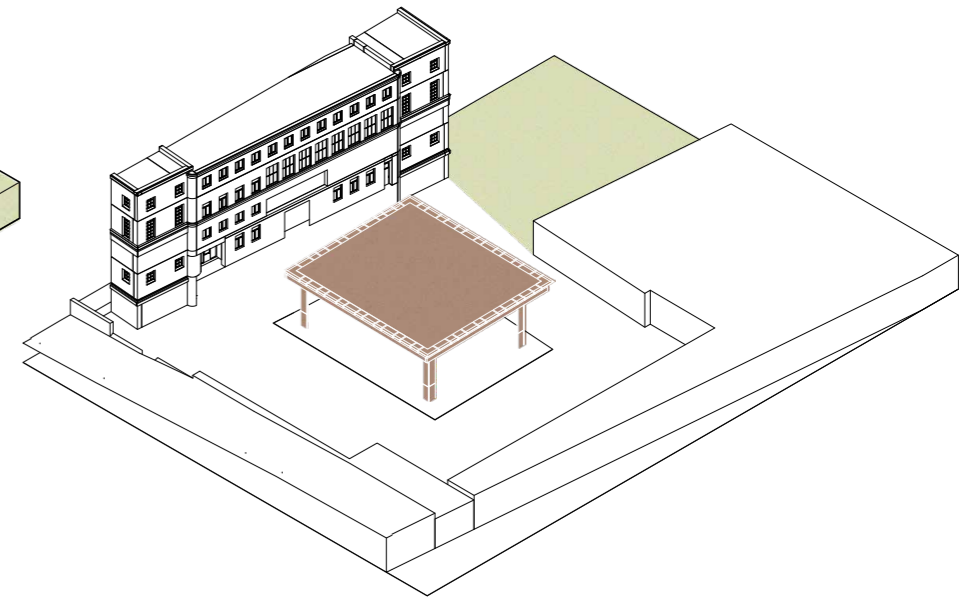
site



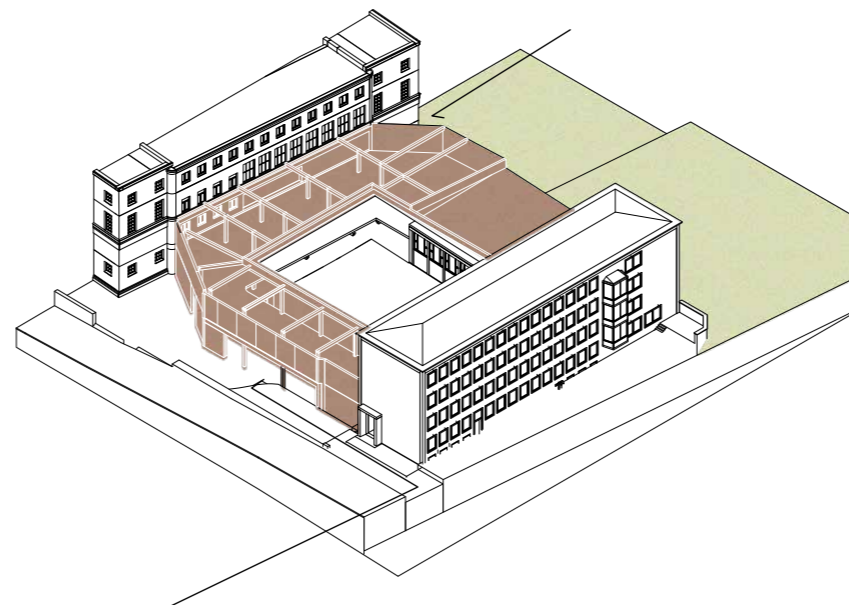
repair



programme



Organisation of the city routes onto site as a campus



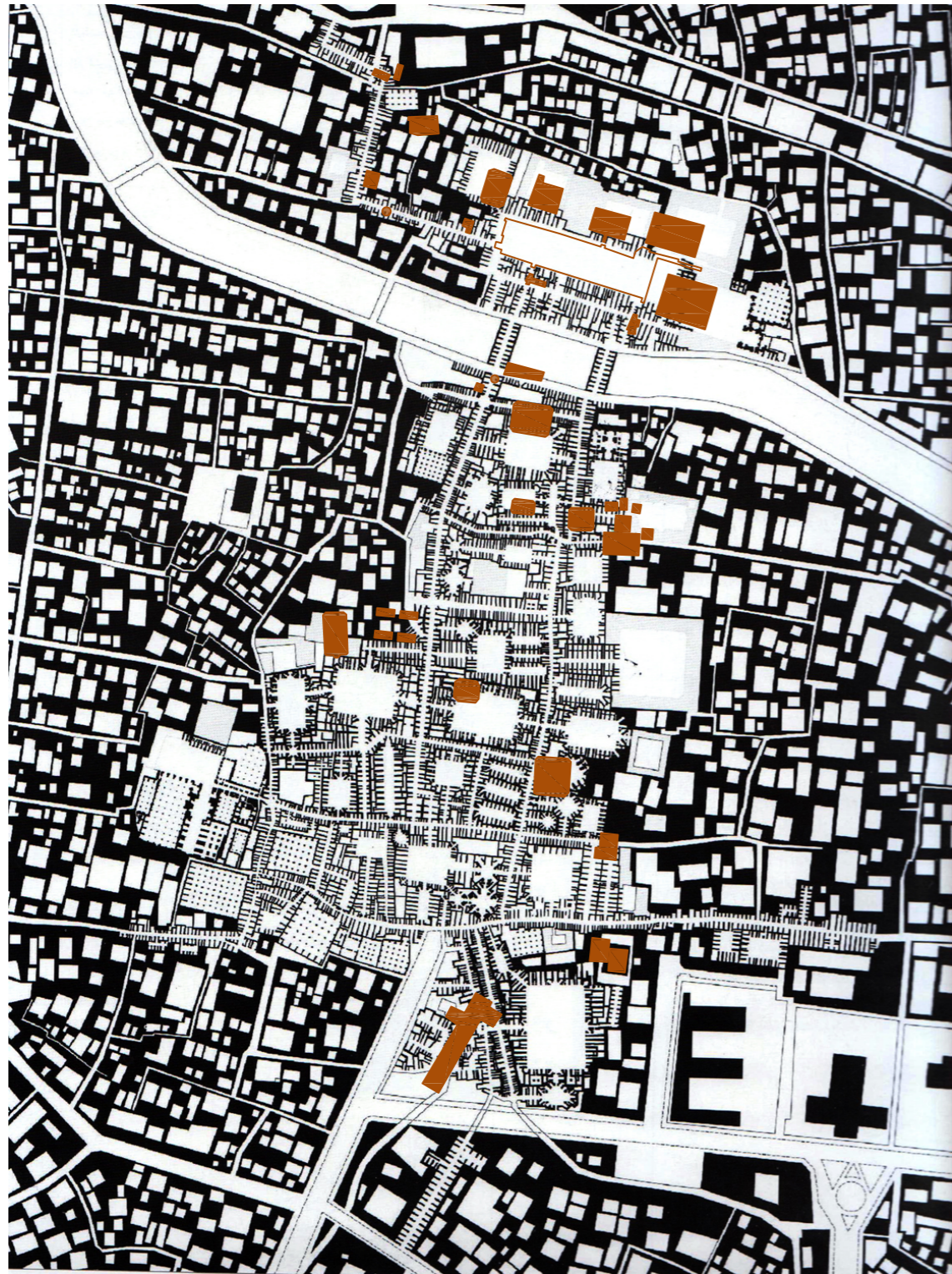
Save because enough has been bulldozed!

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Rehabilitation of Tabriz Bazaar, 1994 - ongoing

NOLLI PLAN - Tabriz, Iran, Monumental publics

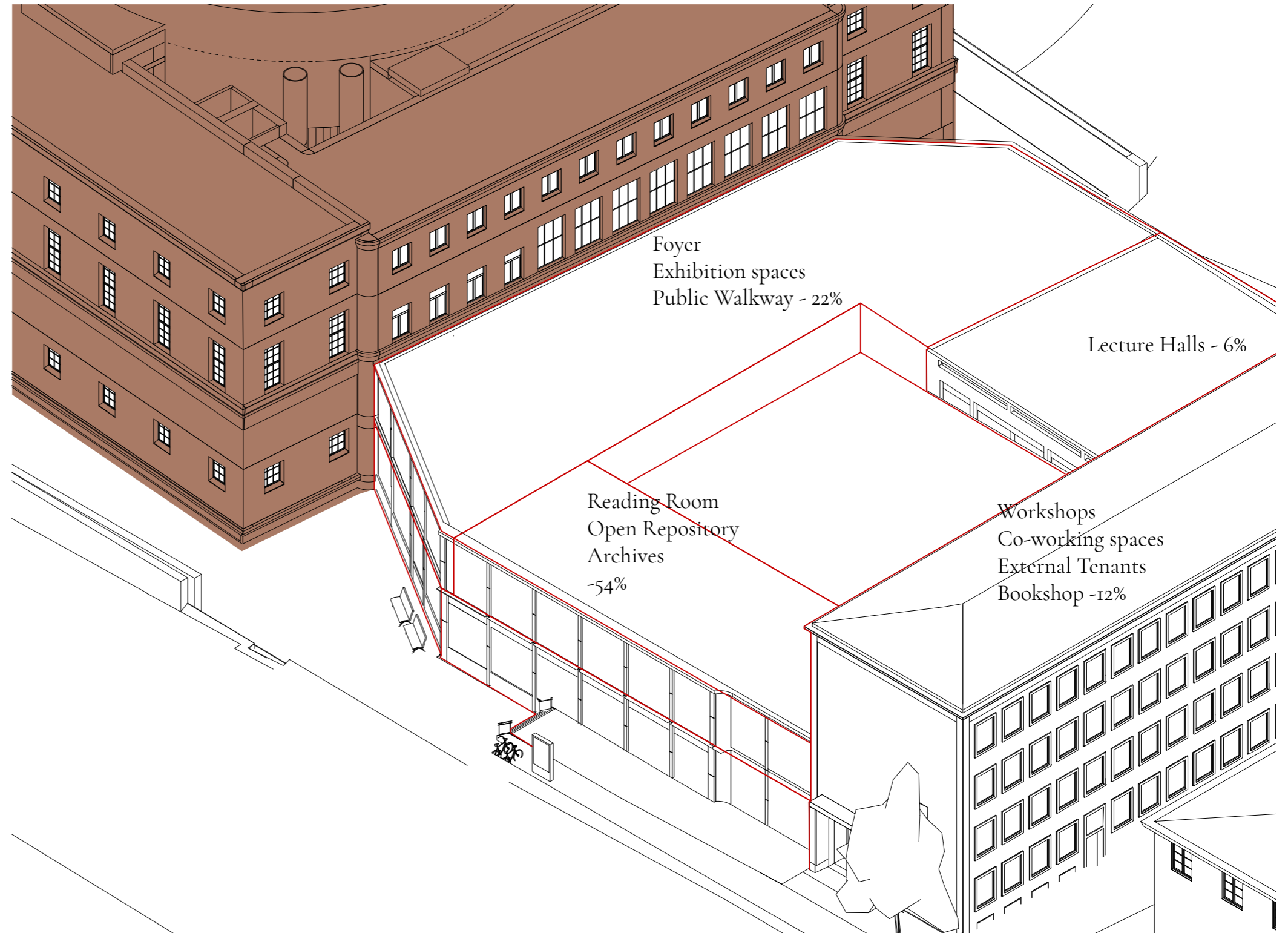
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Palaces as institutions and places of varying degrees of resoluteness

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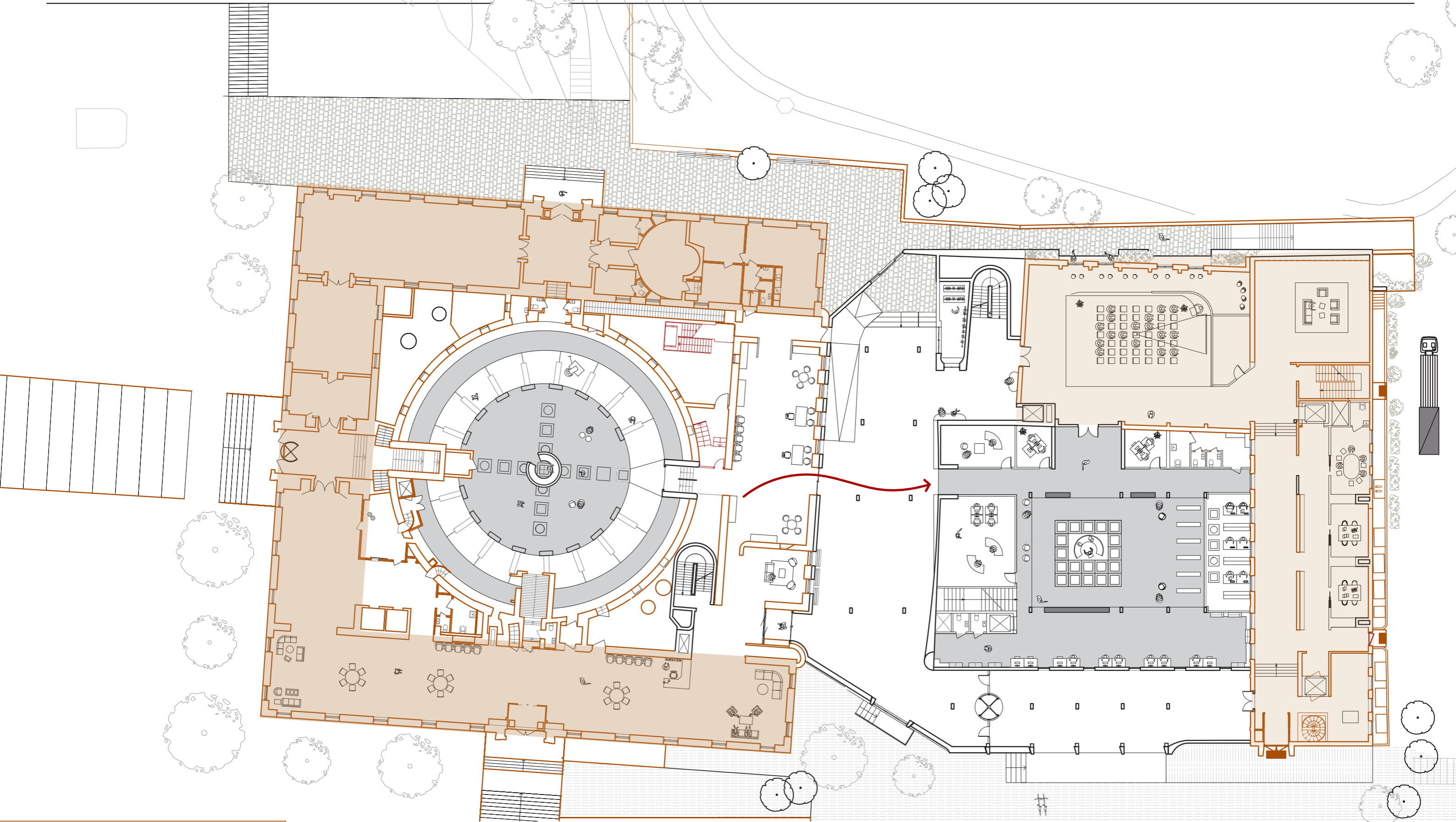
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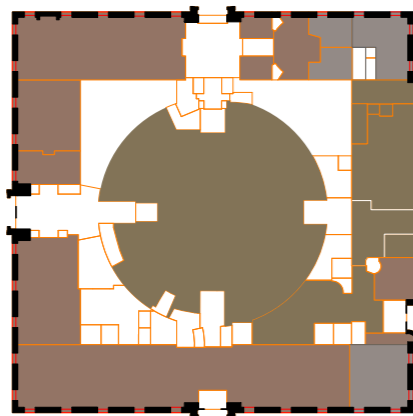
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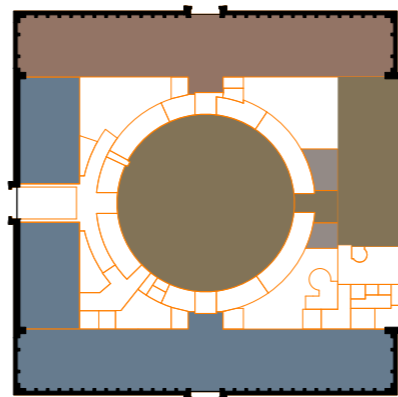
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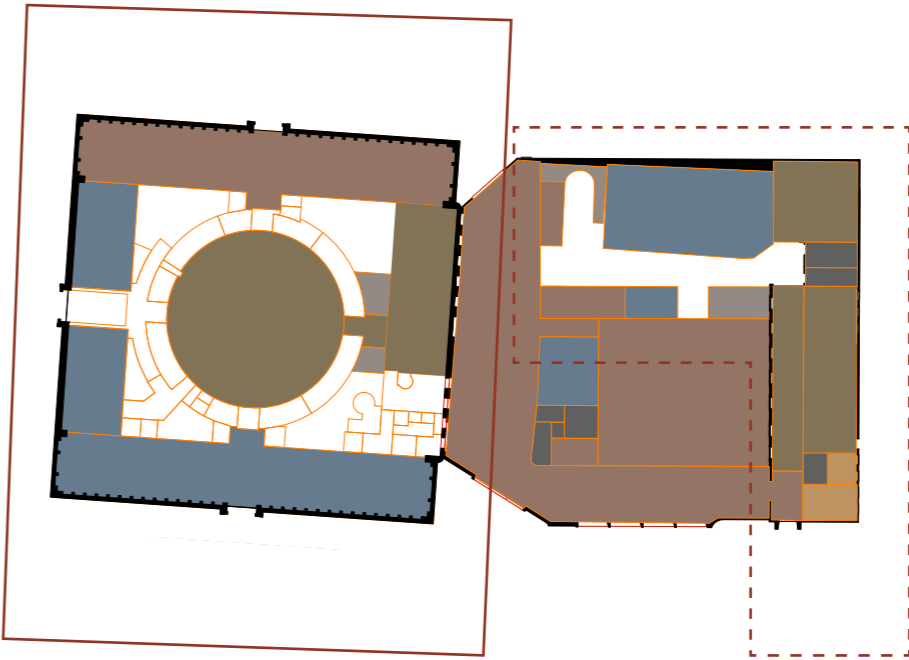
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Ground Level Bookshop and News Room
-Open Repository



Rotunda Level West Wing to New Construction
-Reading Halls, Open Workspaces and Public Foyer



- Existing Reading Rooms
- Additional Reading Rooms
- Logistics and Services
- Public Reading Rooms
- Bookshop and News

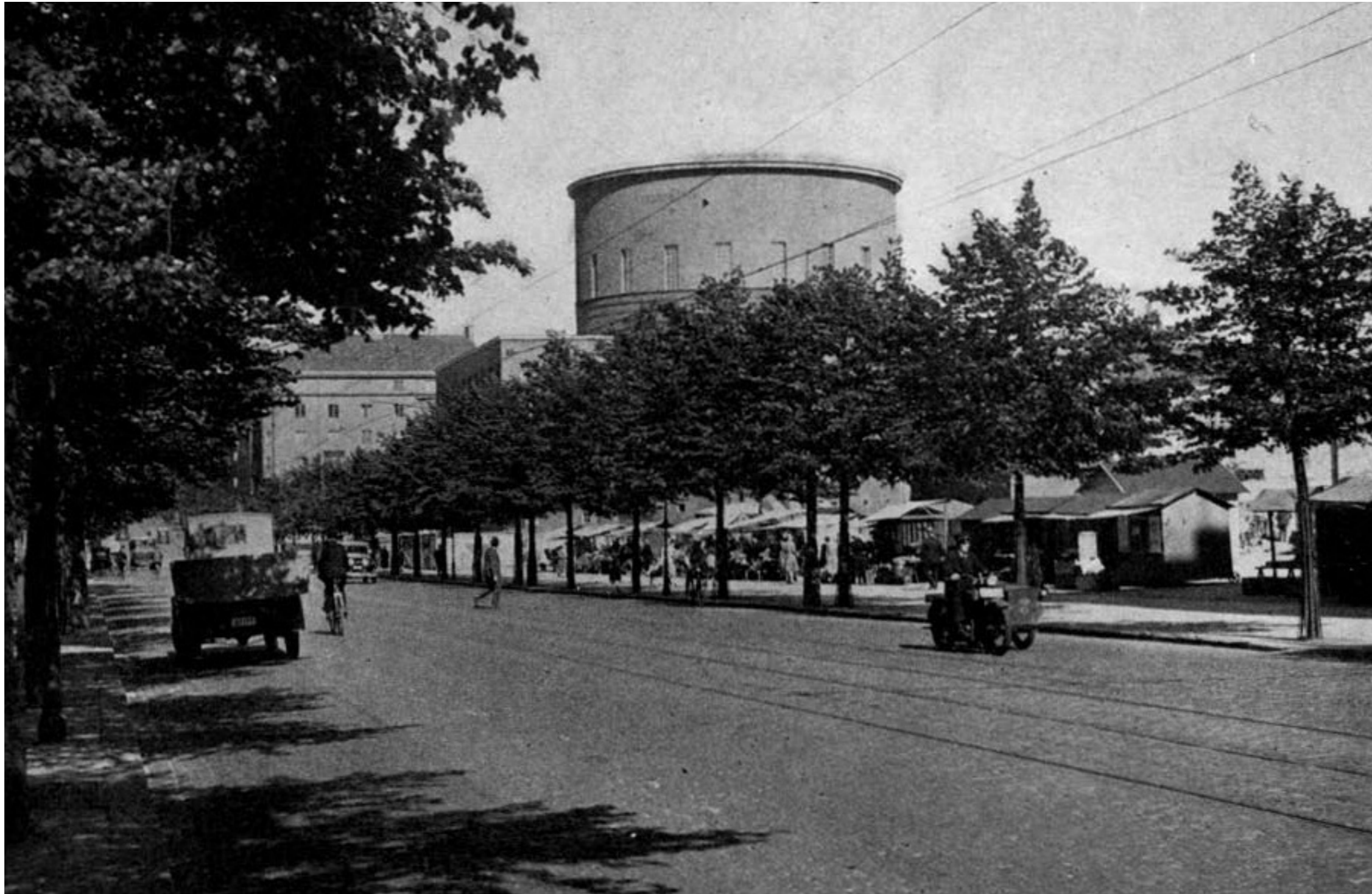
Functions - 34% of 2006 brief
Service spaces - 9%

2700 SQ.M - DEPOSITORIES AND MEDIA MANAGEMENT
2134 SQ.M - READING AND EDUCATION
2000 SQ. M - OUTREACH FUNCTIONS
TFA ~6000 SQ.M

THE SQUARE

Presence of the Observatorielunden - Demonstrating including the Existing Architecture - Proposed Links - Common Ground

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The West Entrance, view from Odengatan

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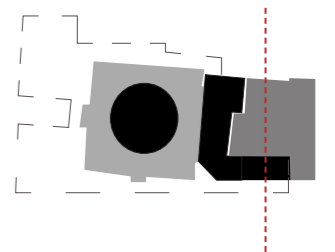
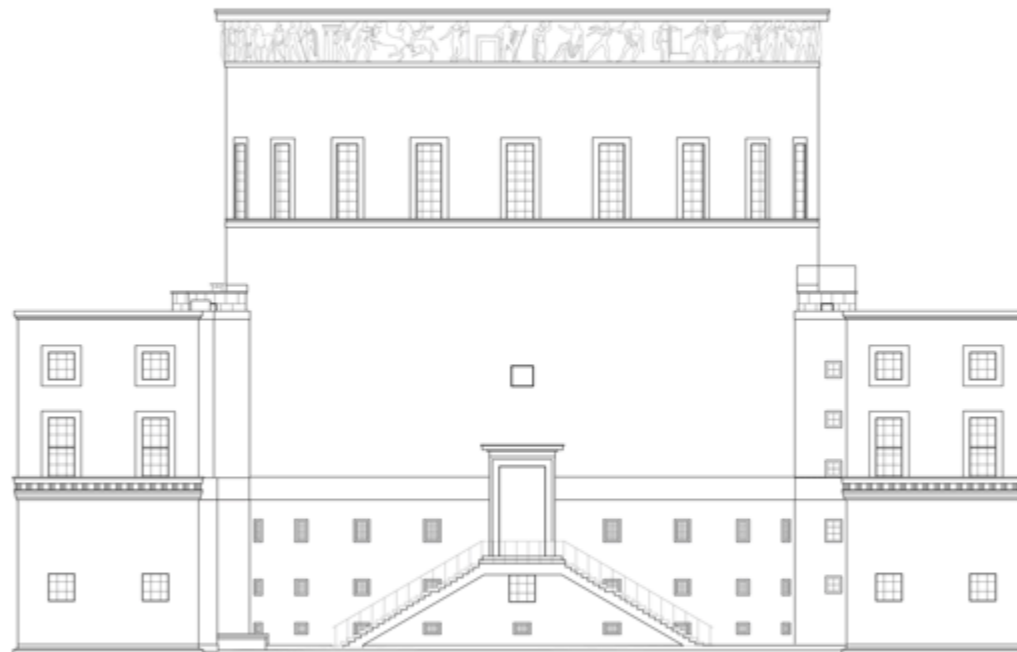
Reactions against functionalism, new orientation of the site

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(above) Fig.9. 1932 *Transformations*. Canadian Centre of Architecture, accessed [17.12.2023]

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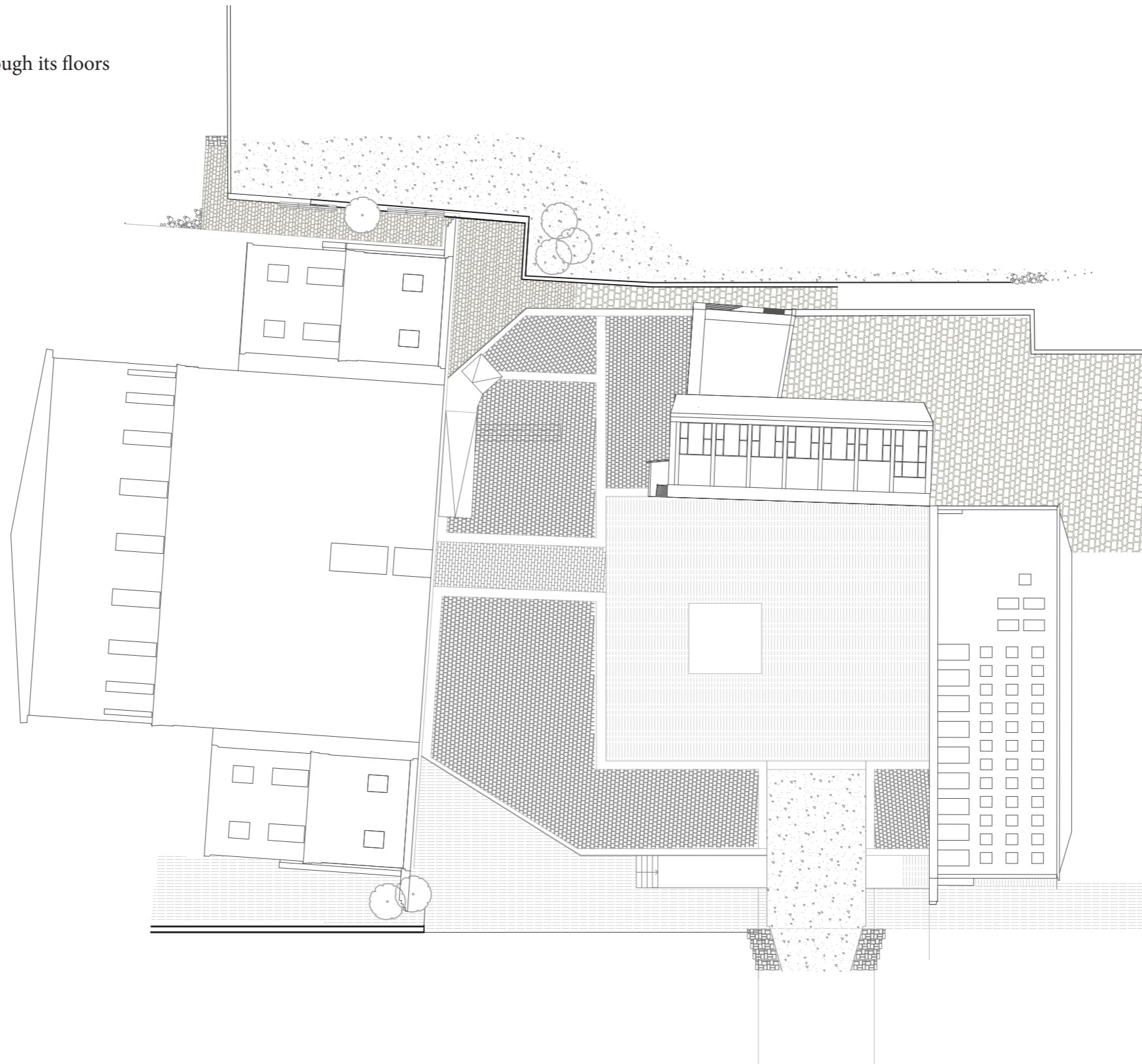
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The occupied Torget - Current outdoors and existing use

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A Campus binds , first through its floors

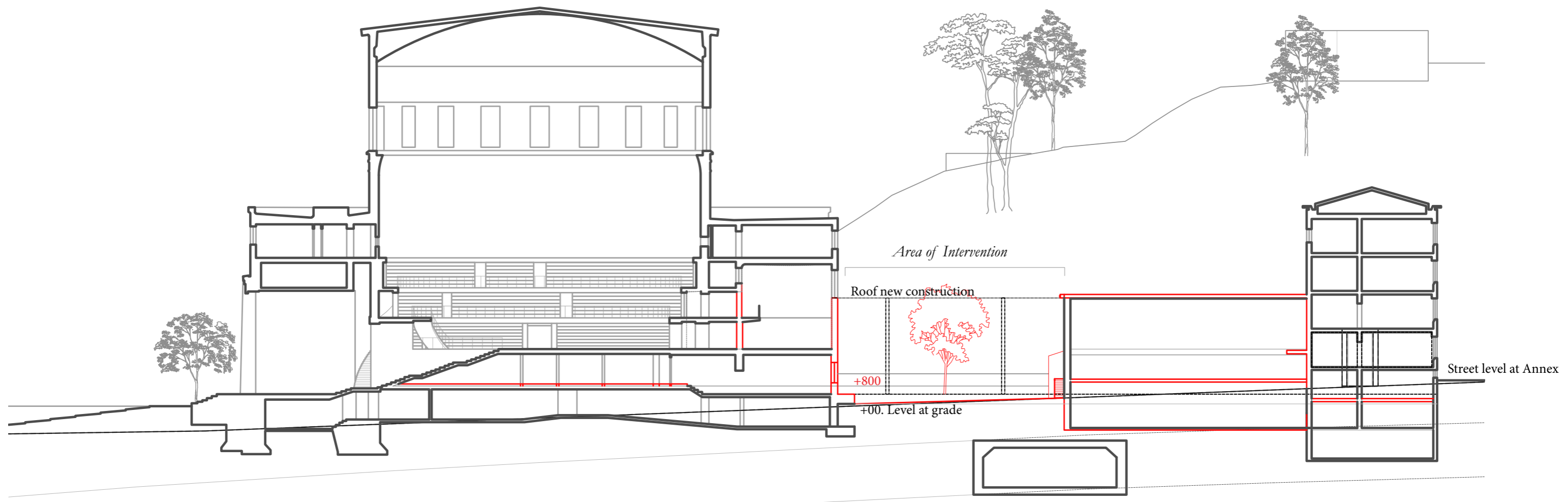


Urban paving plan - alleyway to hill



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< demolition and careful reconstruction >



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Research. *The Oeuvre and Essence of Gunnar Asplund*, Gothenburg Law Courts Annex

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Plinth at Torget, Target Entrance



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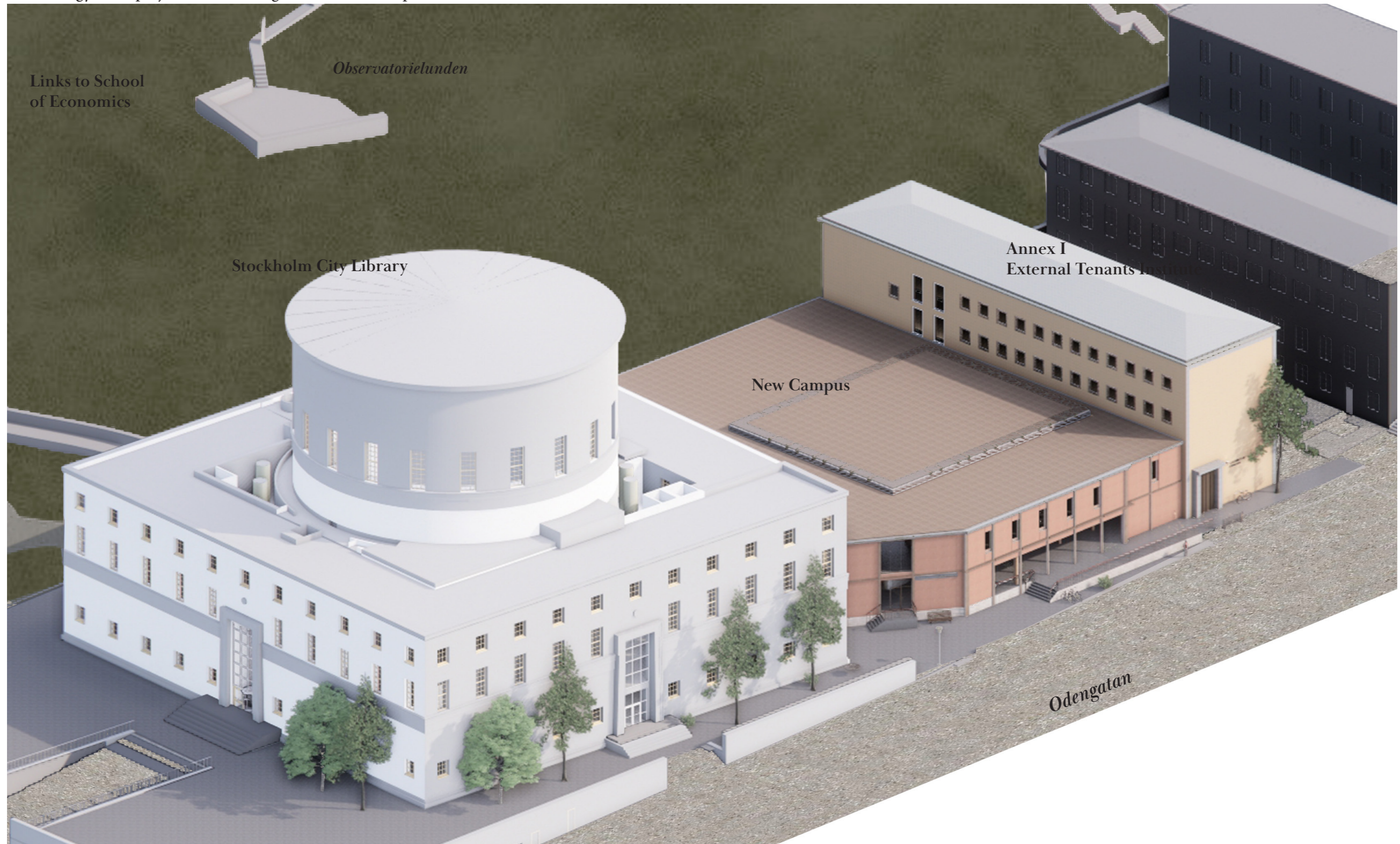
Plinth at Torget, Target Entrance



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Site Strategy - The projection of the larger immediate campus - Urban modus



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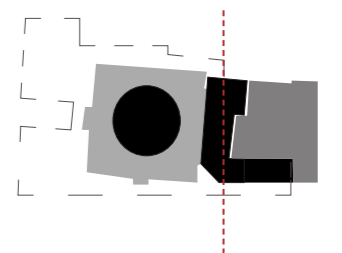
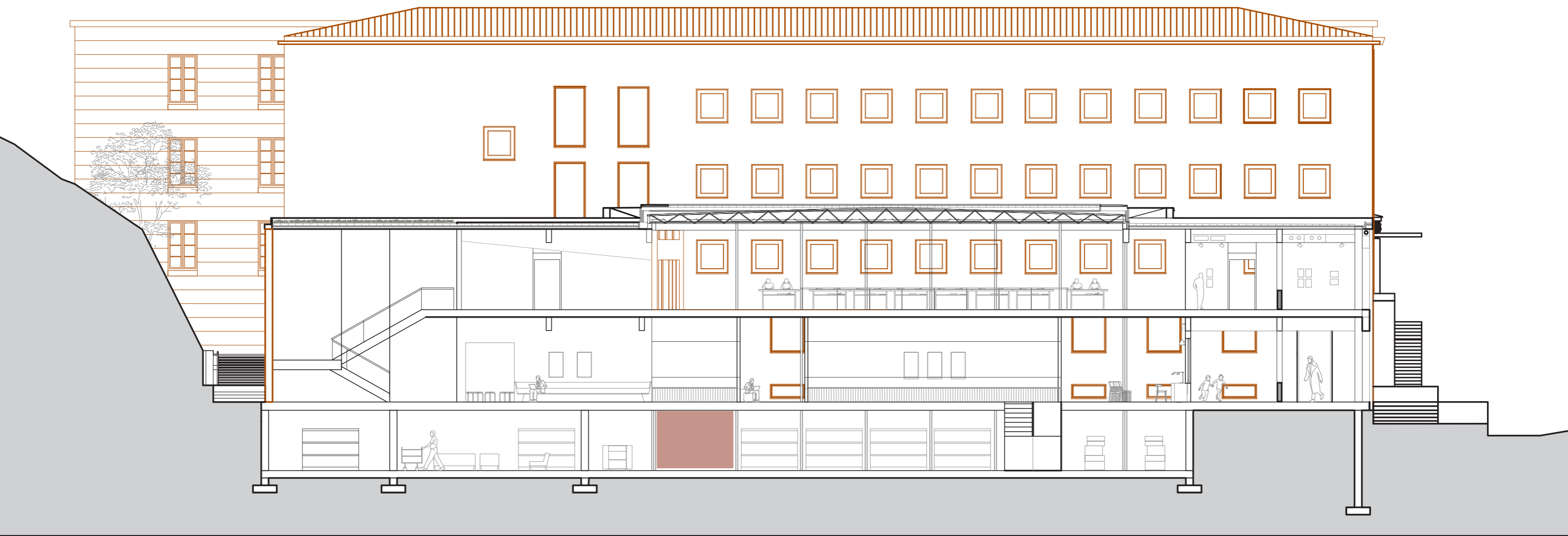
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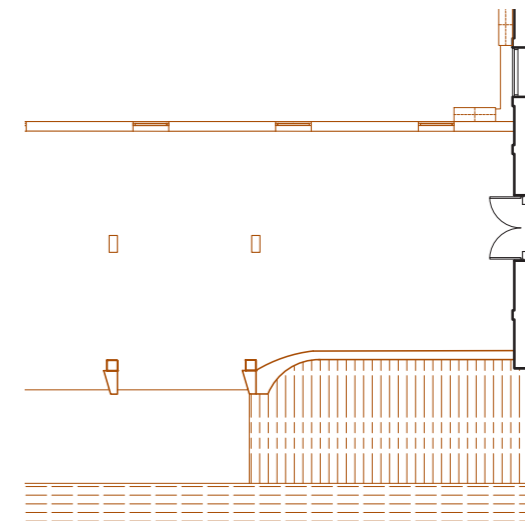
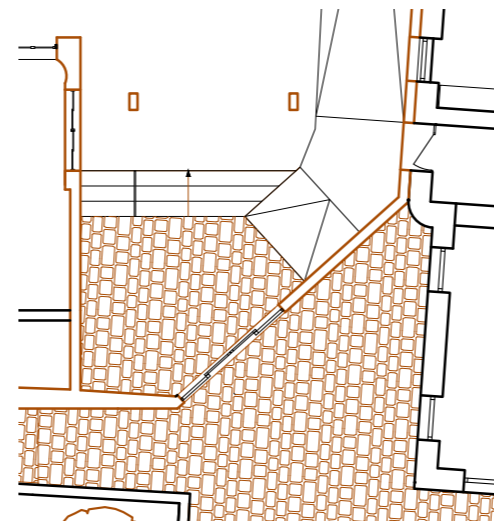
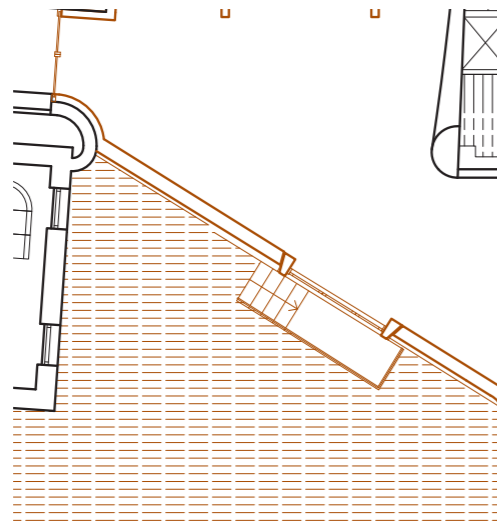
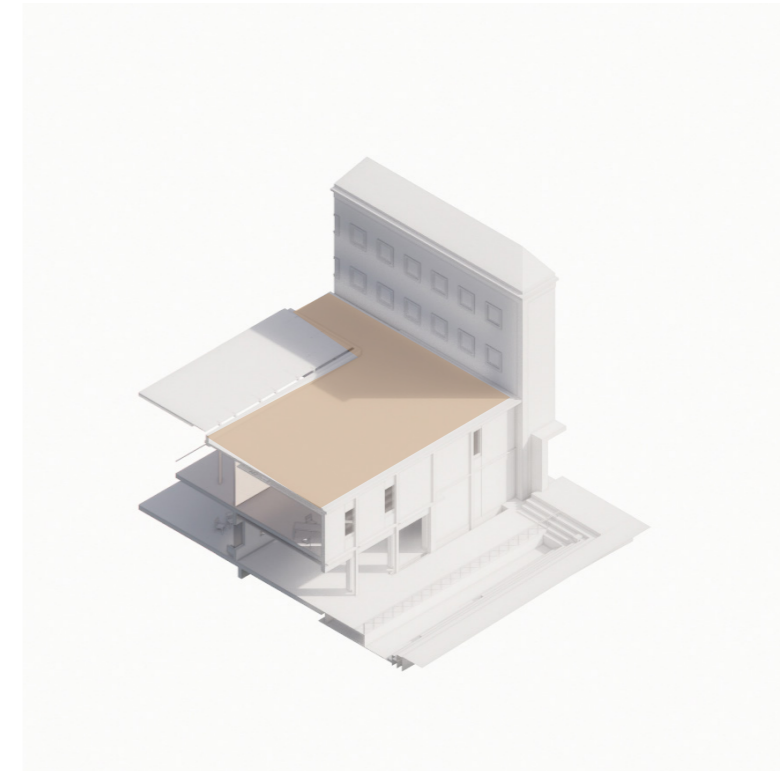
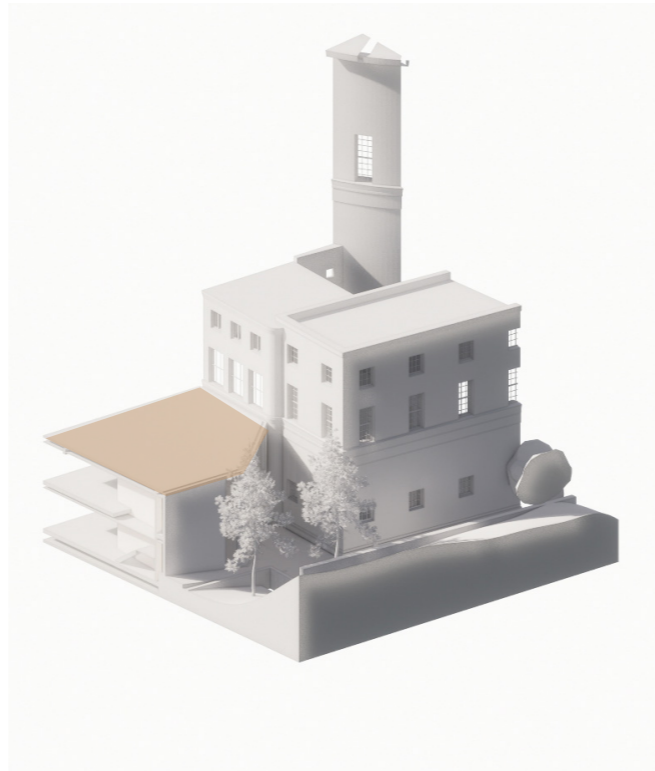
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Responding to the Logics of site Topography



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Connection to Asplund

Back entrance

Campus as resolute positioning

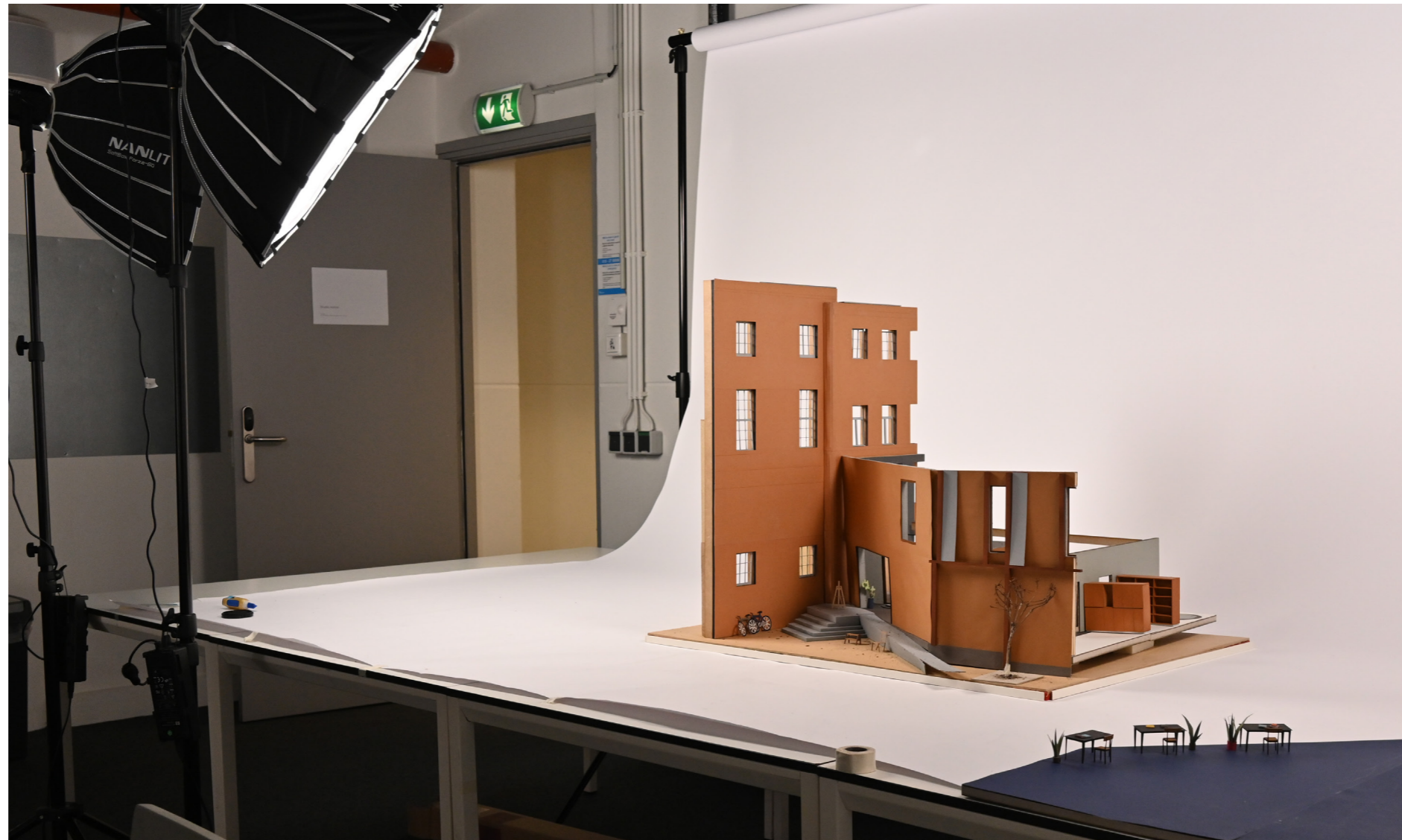


1:100 building and landscape; situated composite buildings

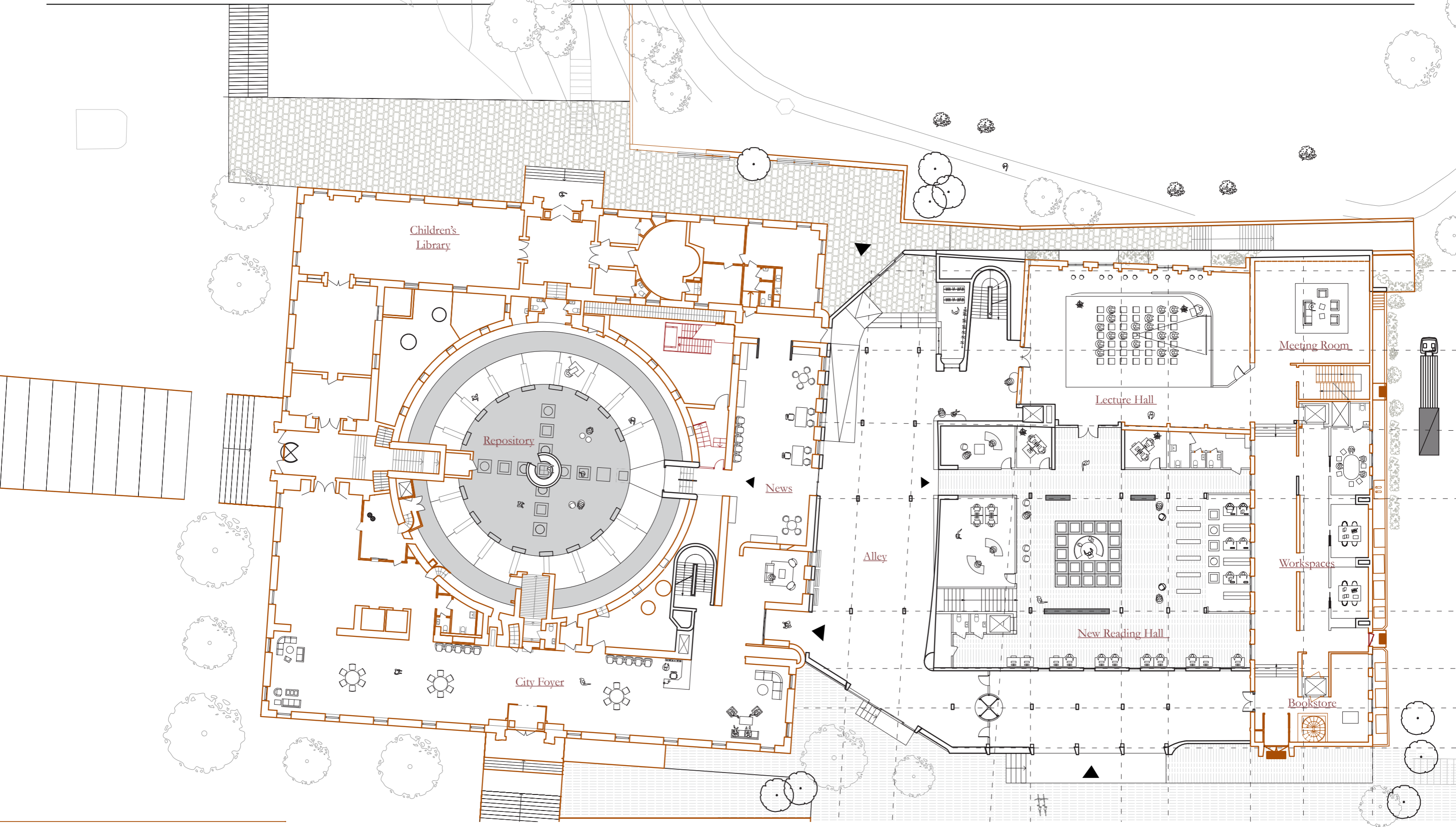
1:100 entrance; adjacent facades

1:100 the attached tendencies

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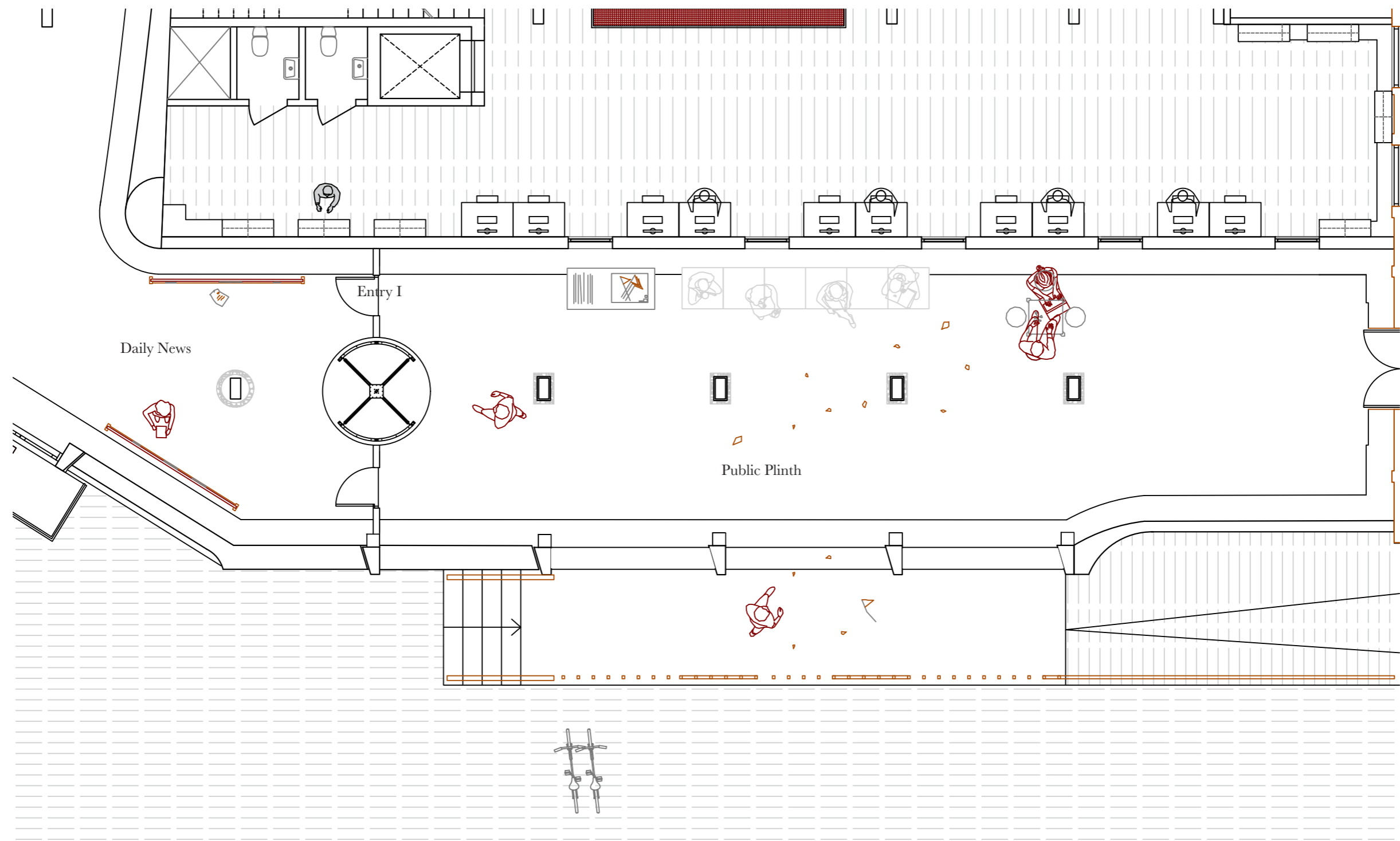
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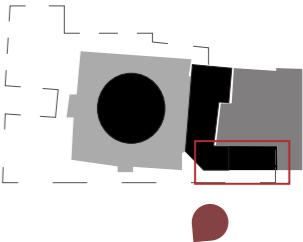
Ground Level 1:300

0 10 50

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Key areas of re-introduction in the building
The social entrance



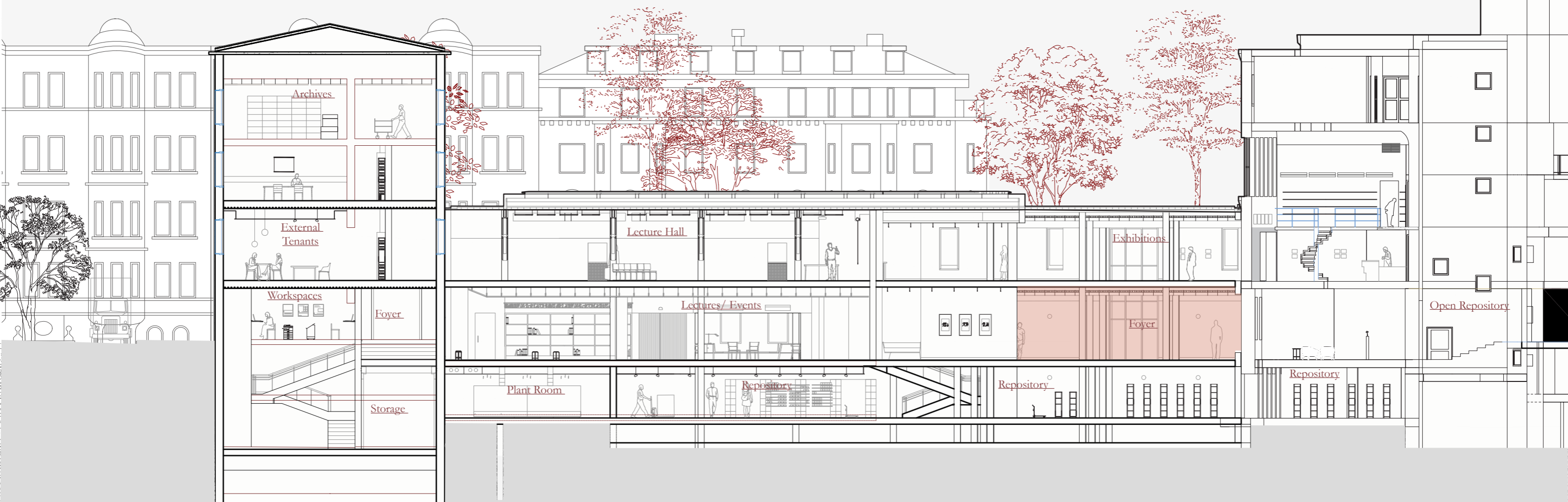
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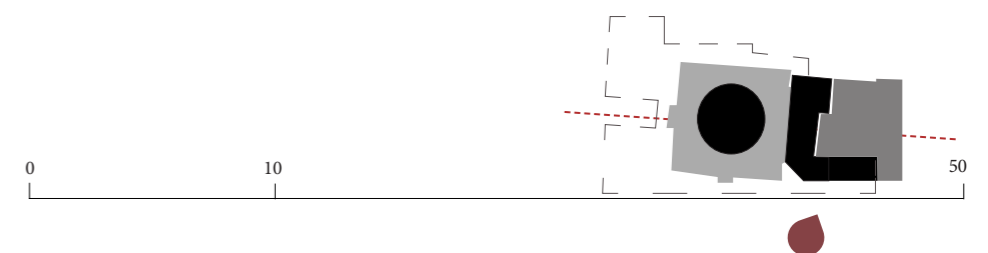
Key areas of re-introduction in the building
The social plinth

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Future Anteriors/ Stockholm Central Library

Reaching Outwards from the West Wing

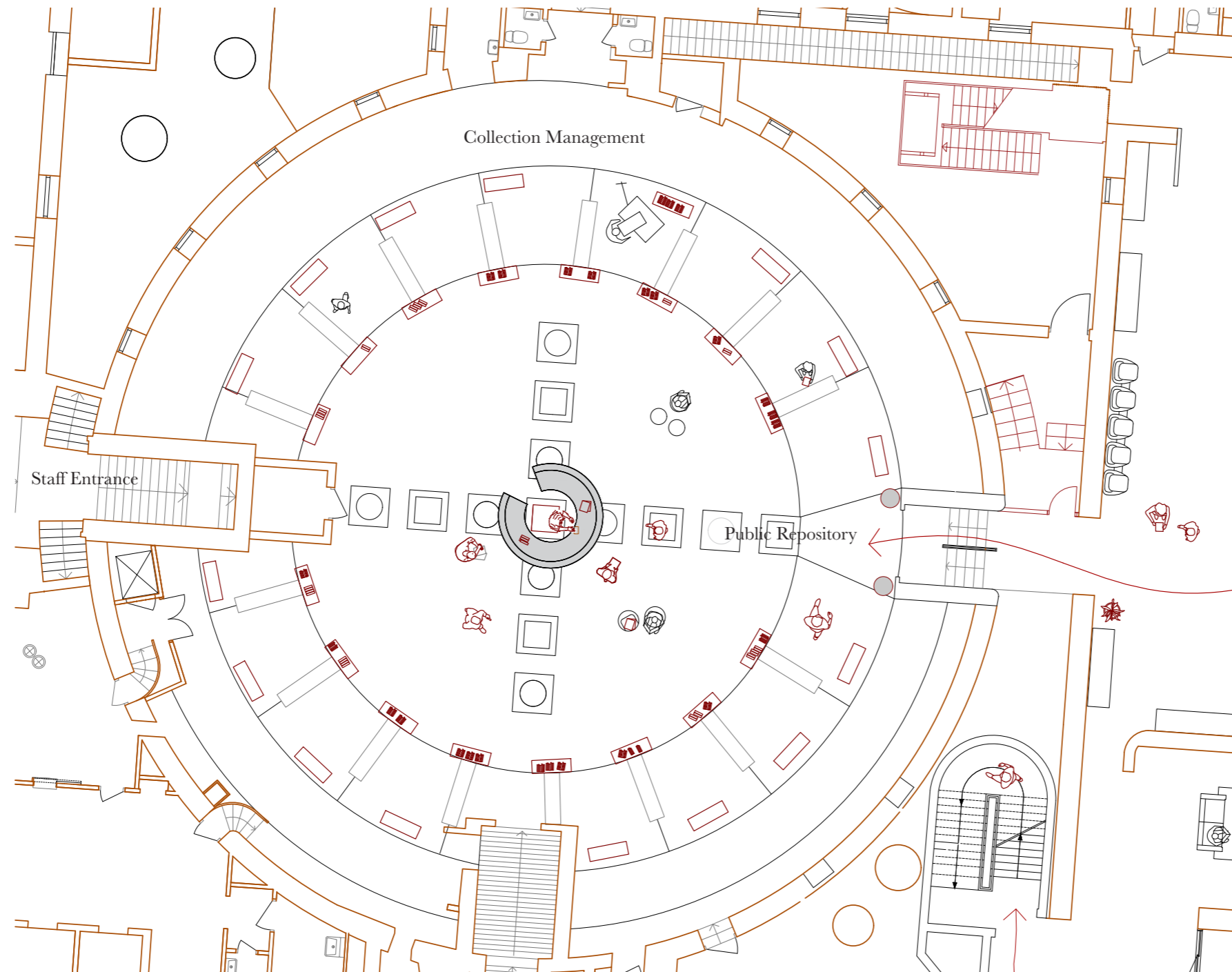


Section 1:250

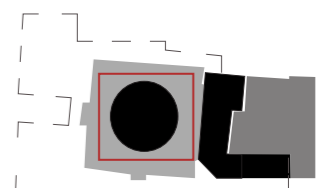


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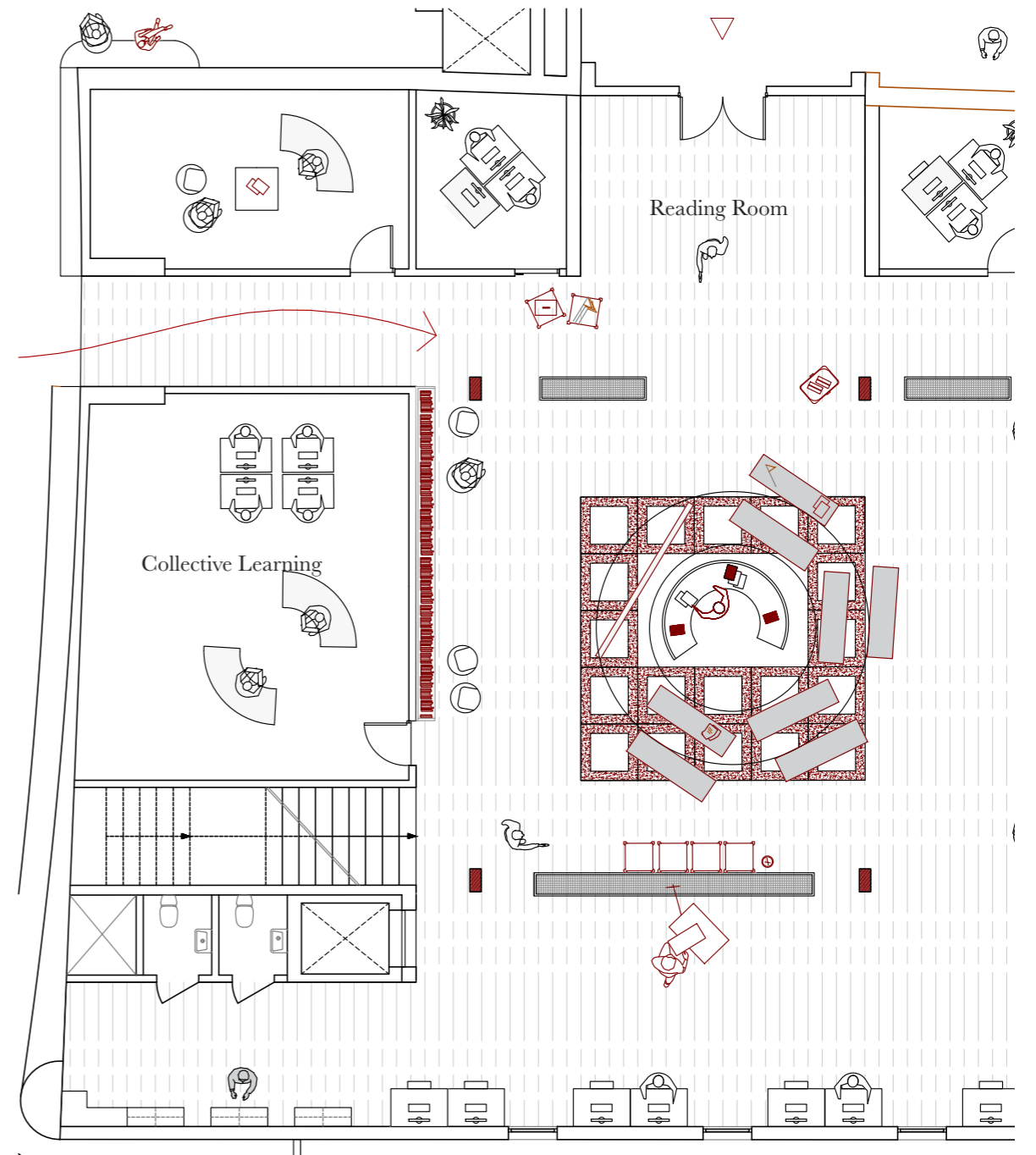
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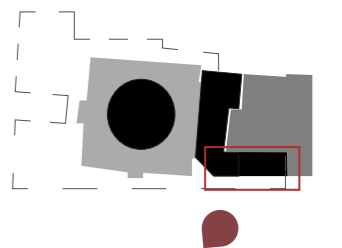
Key areas of re-introduction in the building
The re-organised basement - Public Repository



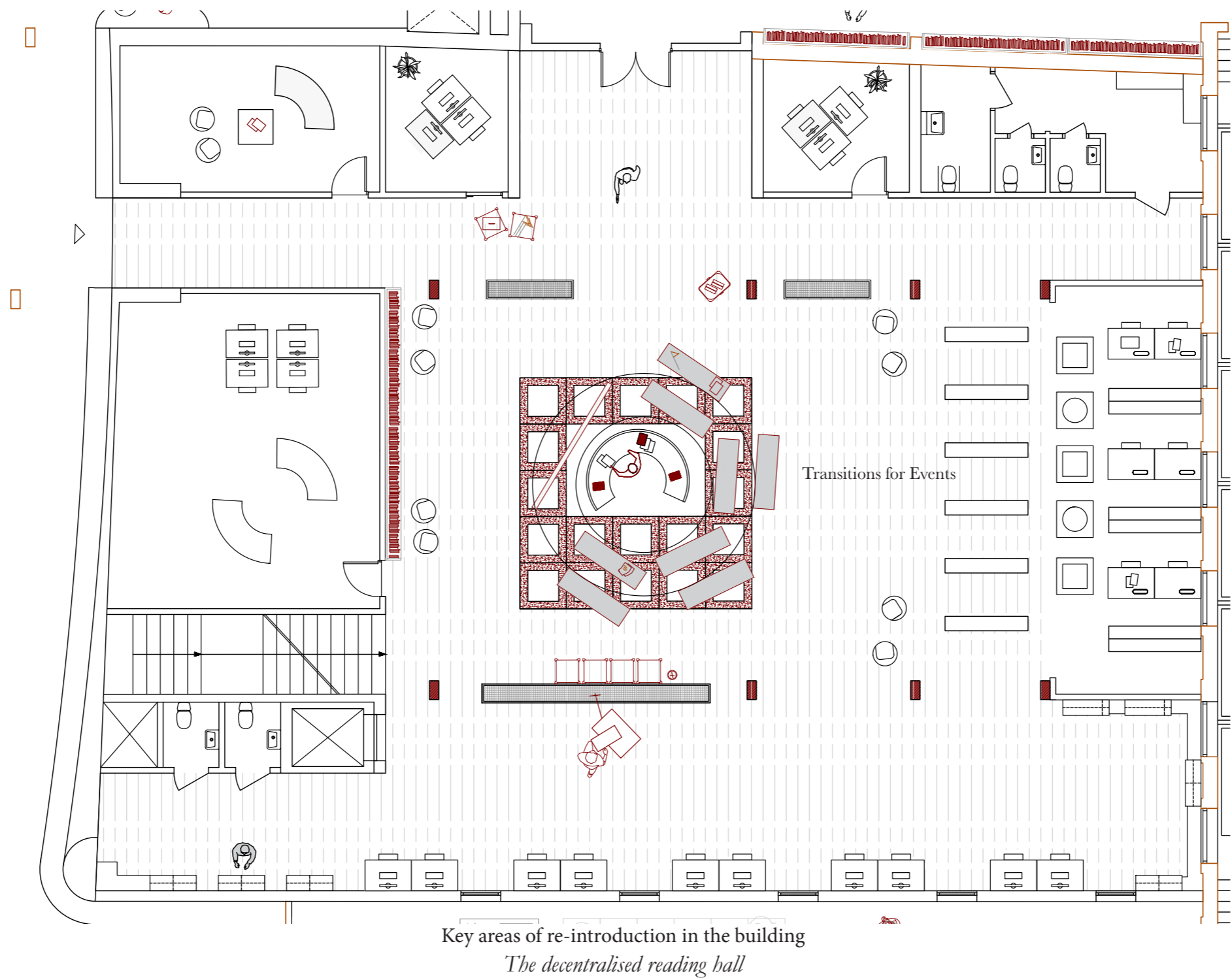
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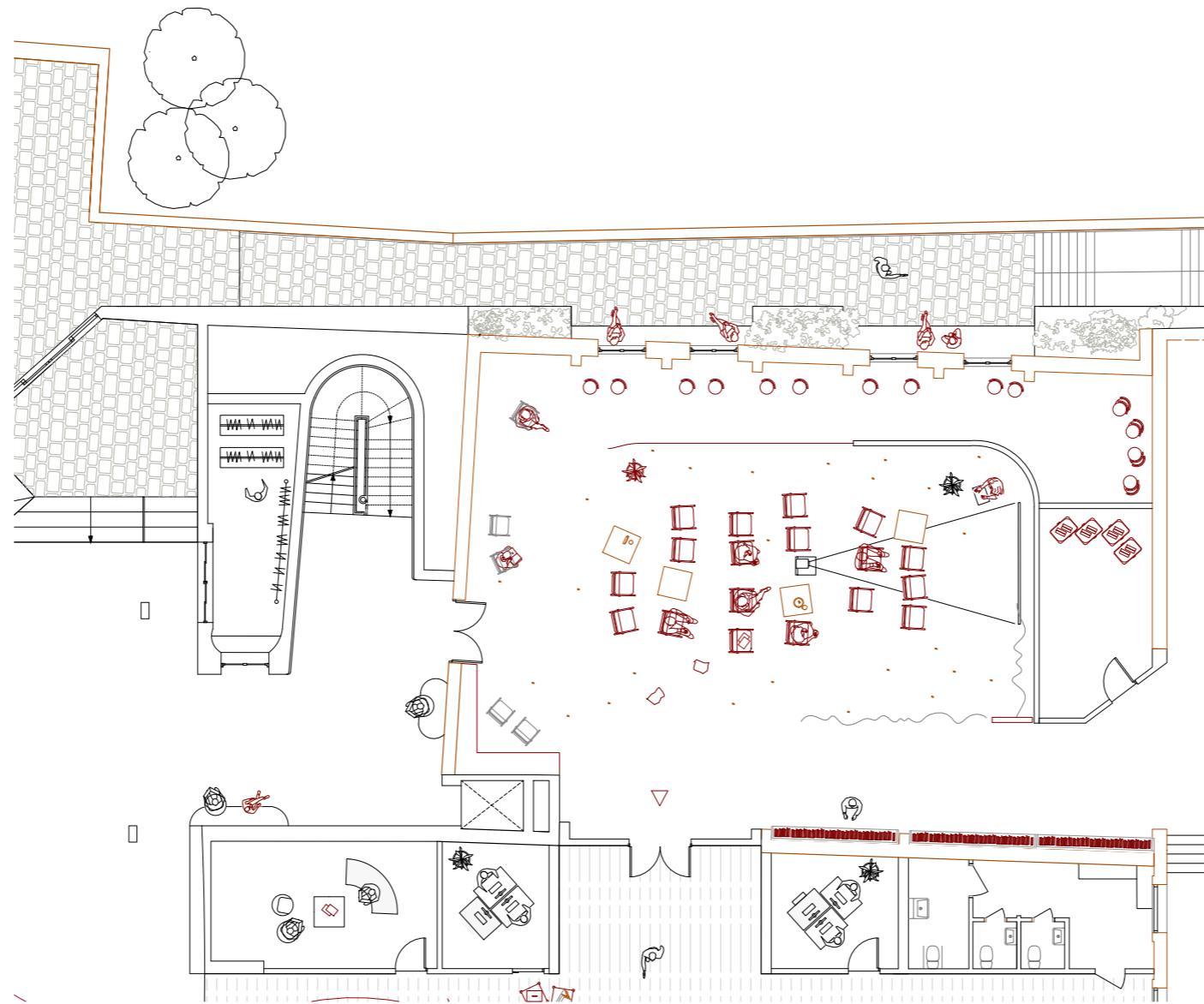
Fostering a sense of gathering and community



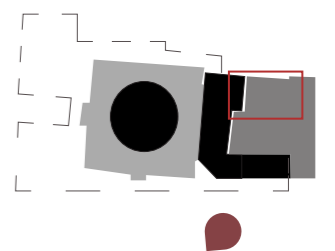
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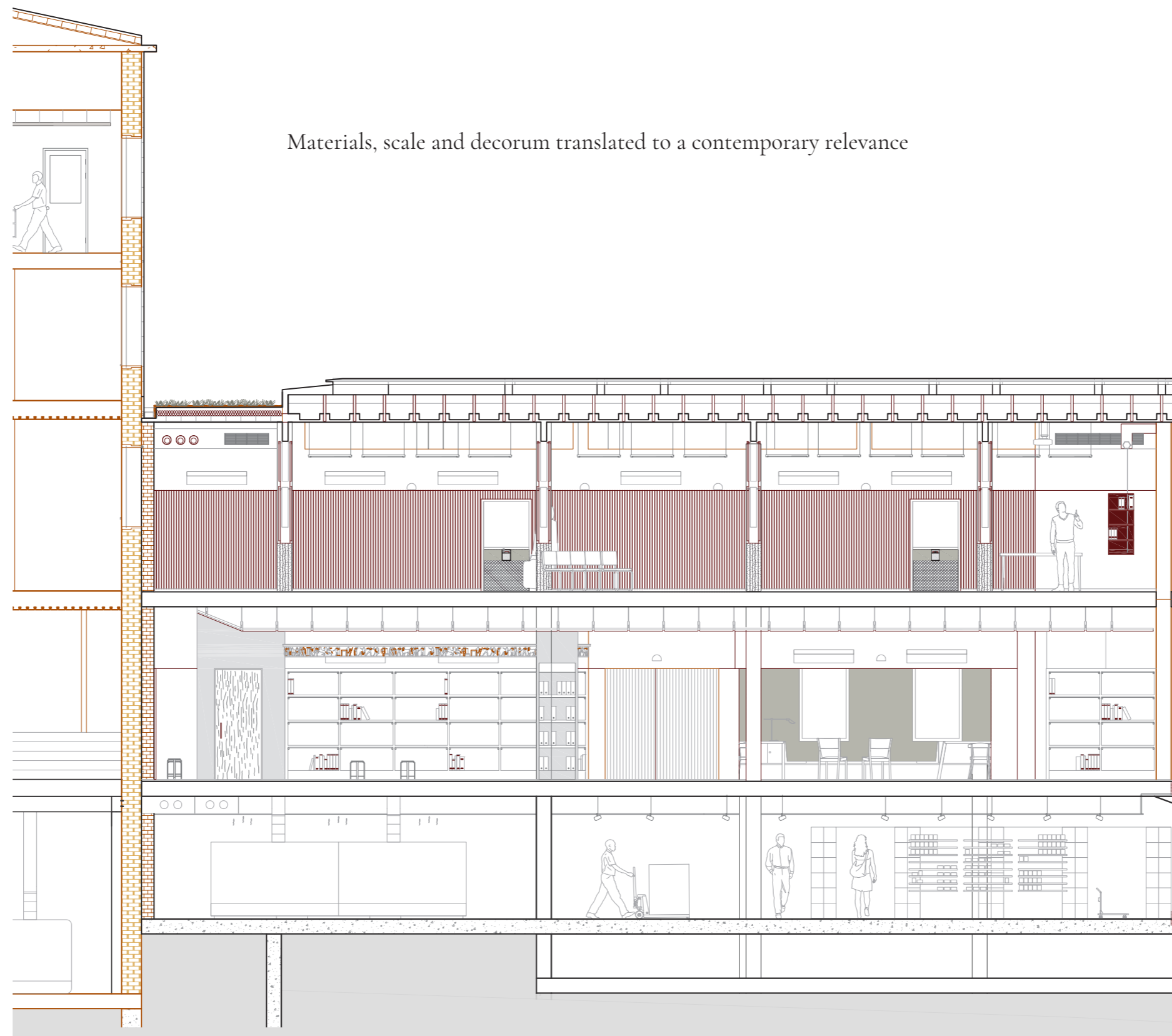
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Key areas of re-introduction in the building
The public lecture hall

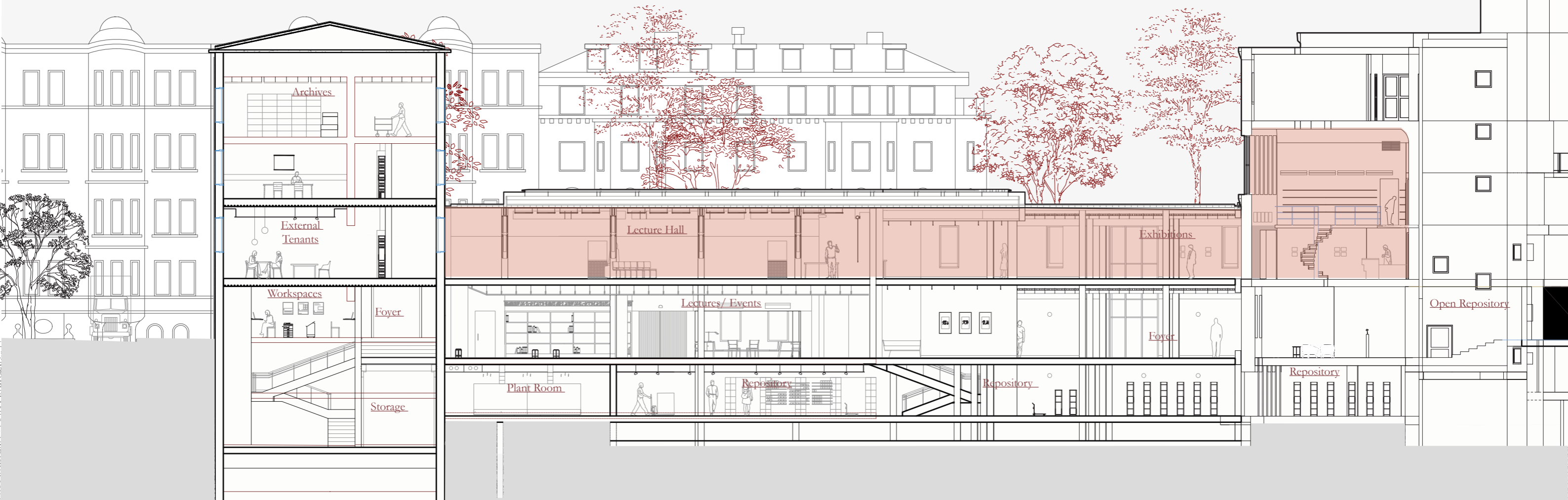


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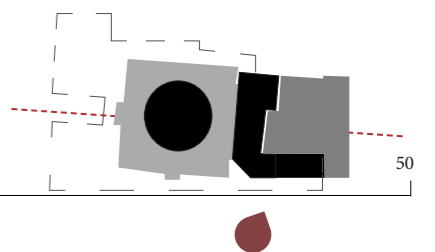


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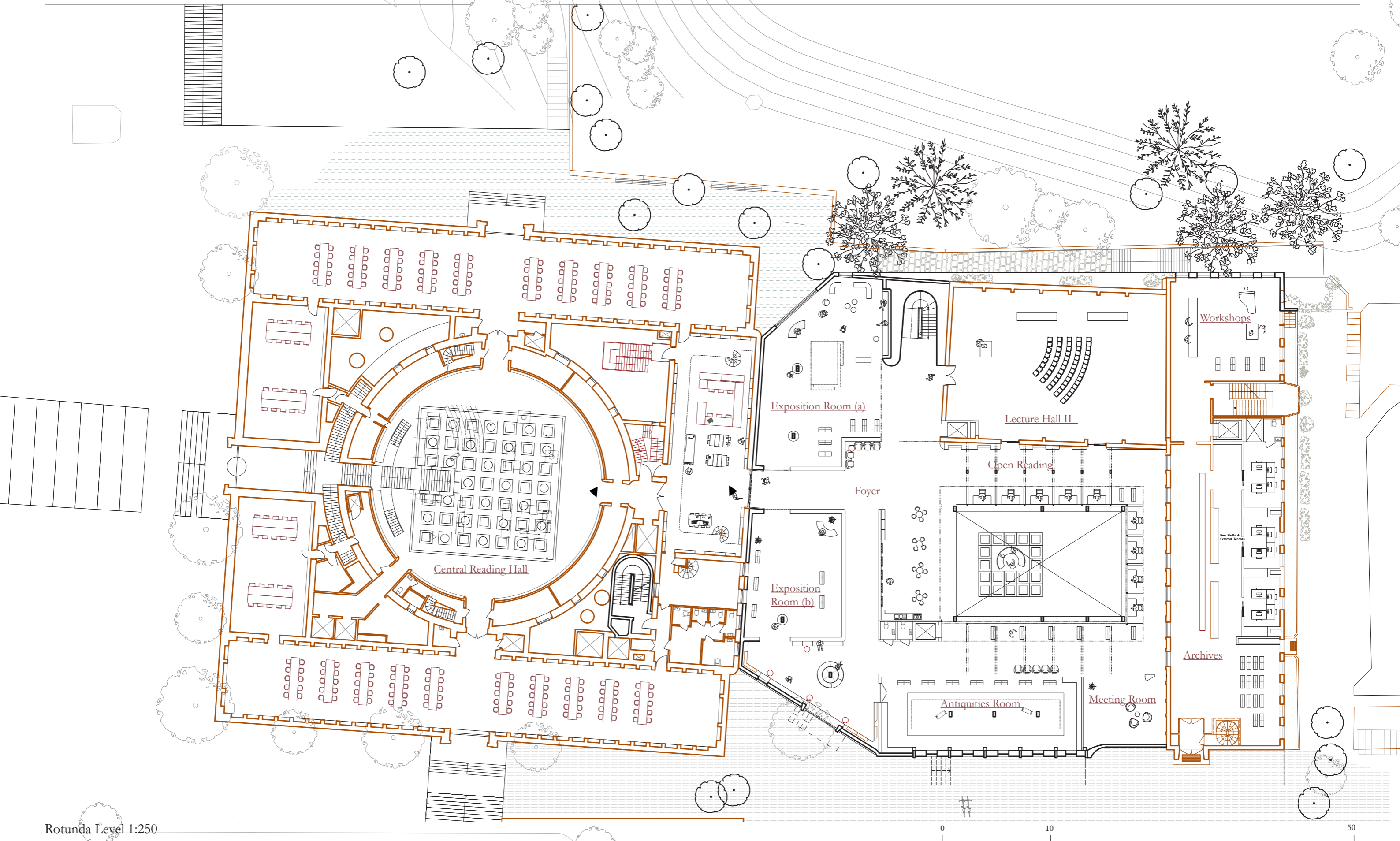
Reaching Outwards from the West Wing



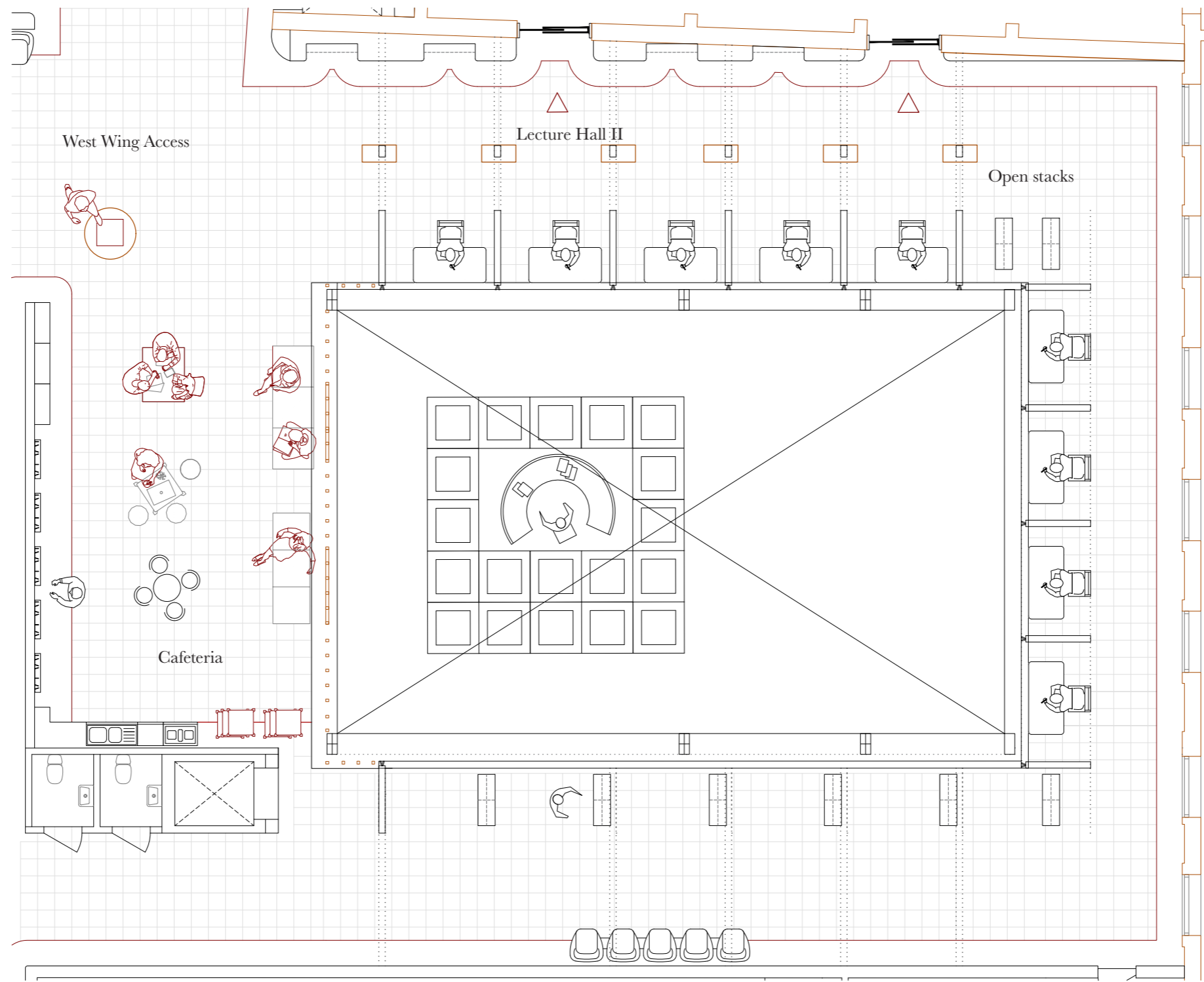
Section 1:250



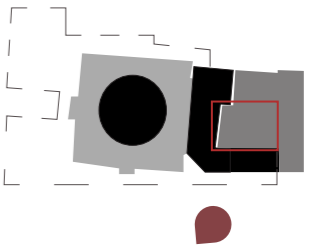
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Front for the Stockholm City Library



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Key areas of re-introduction in the building
Use of mezzanine

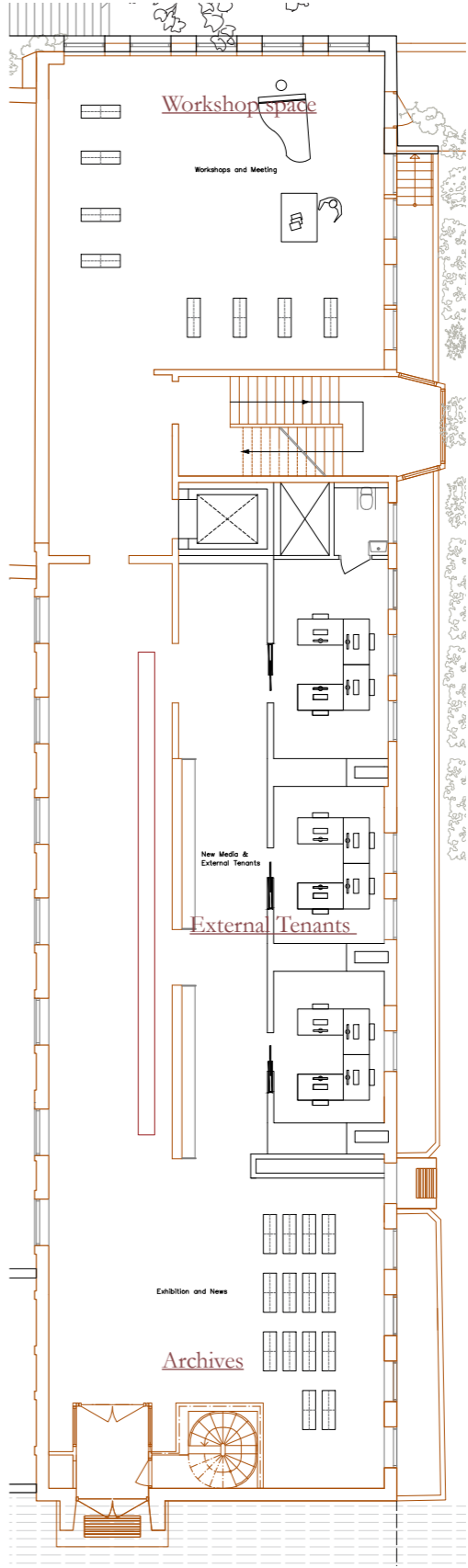
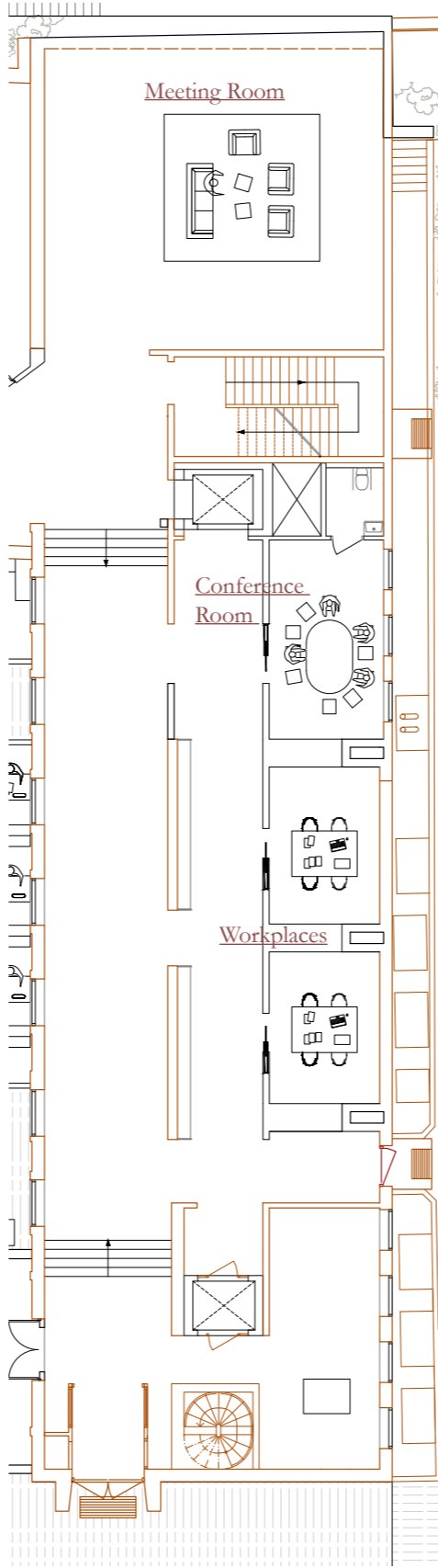
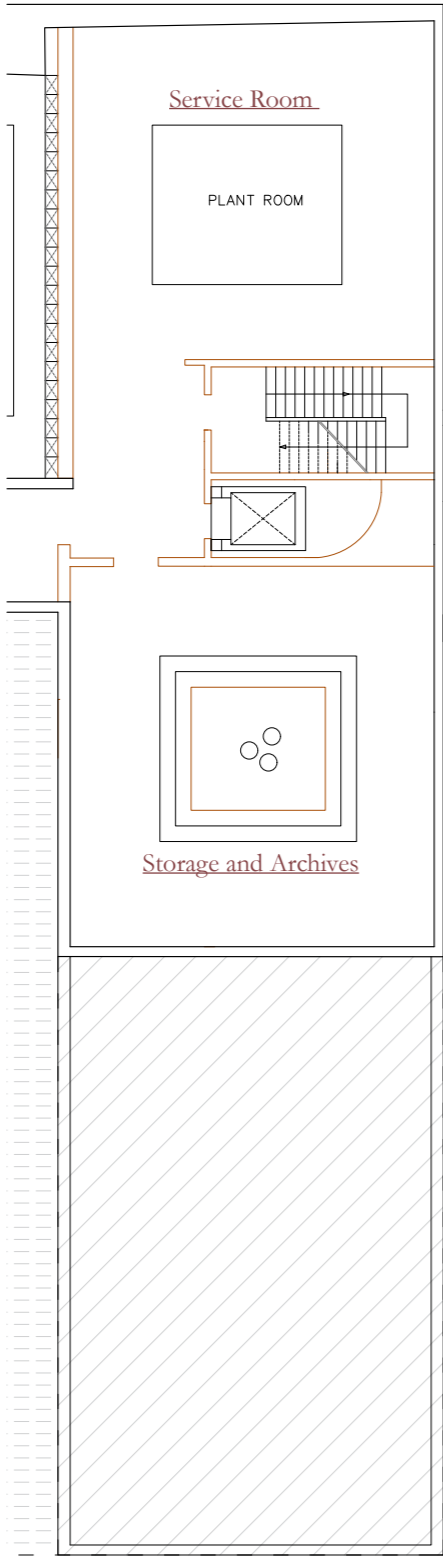


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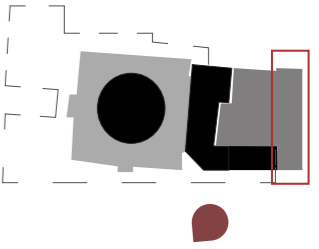


Proposed Interior View, Antiquities Room, New Construction

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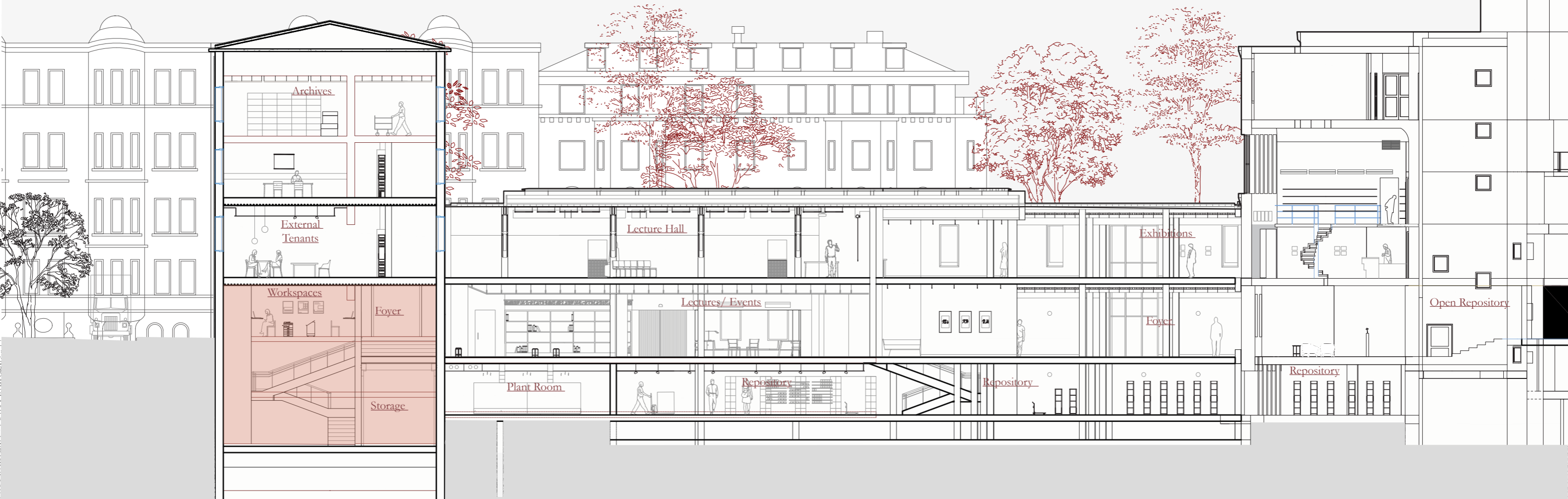


Key areas of re-introduction in the building
New Formats



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Future Anteriors/Stockholm Central Library

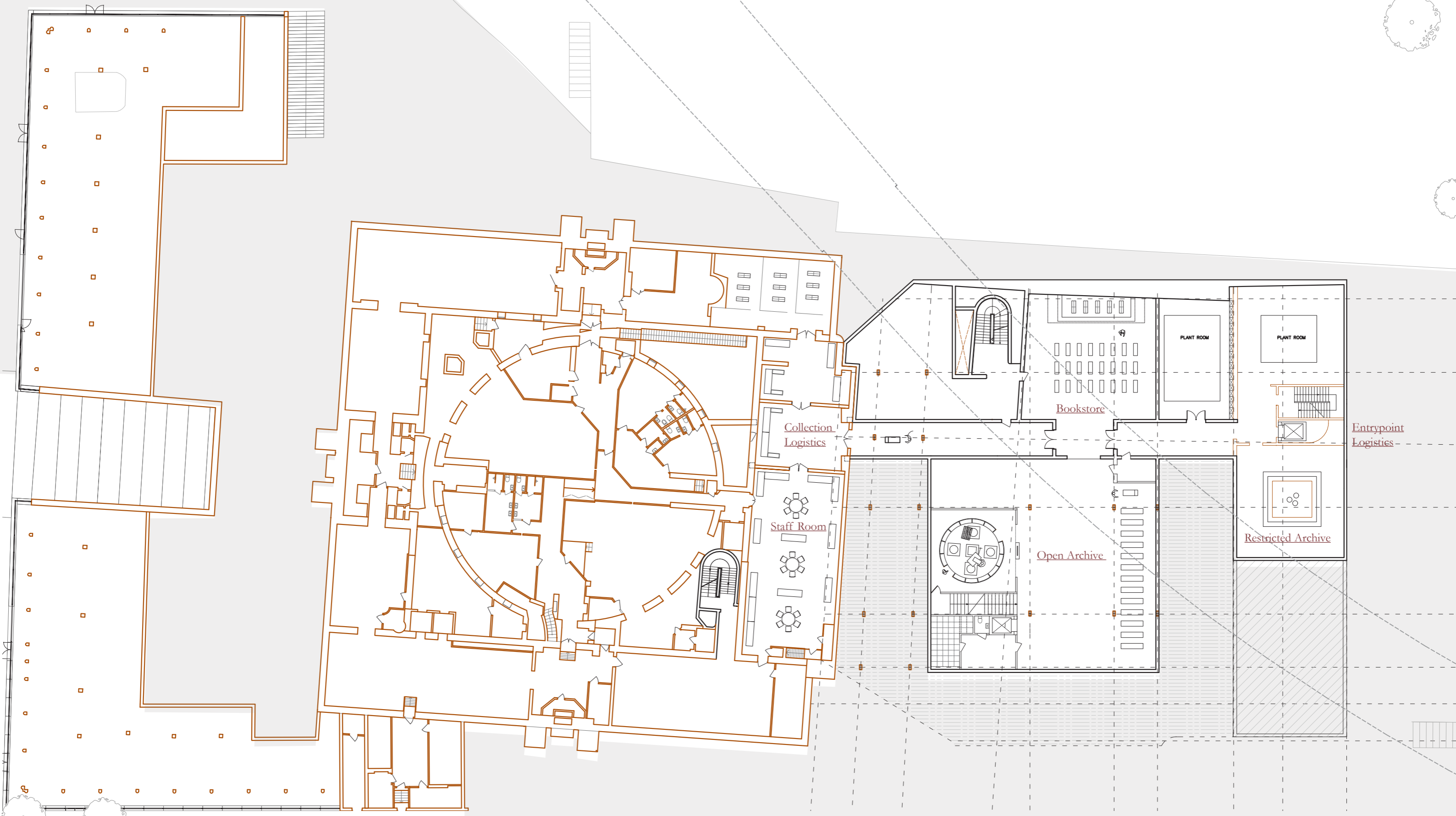
Reaching Outwards from the West Wing



Lower Ground Level 1:250



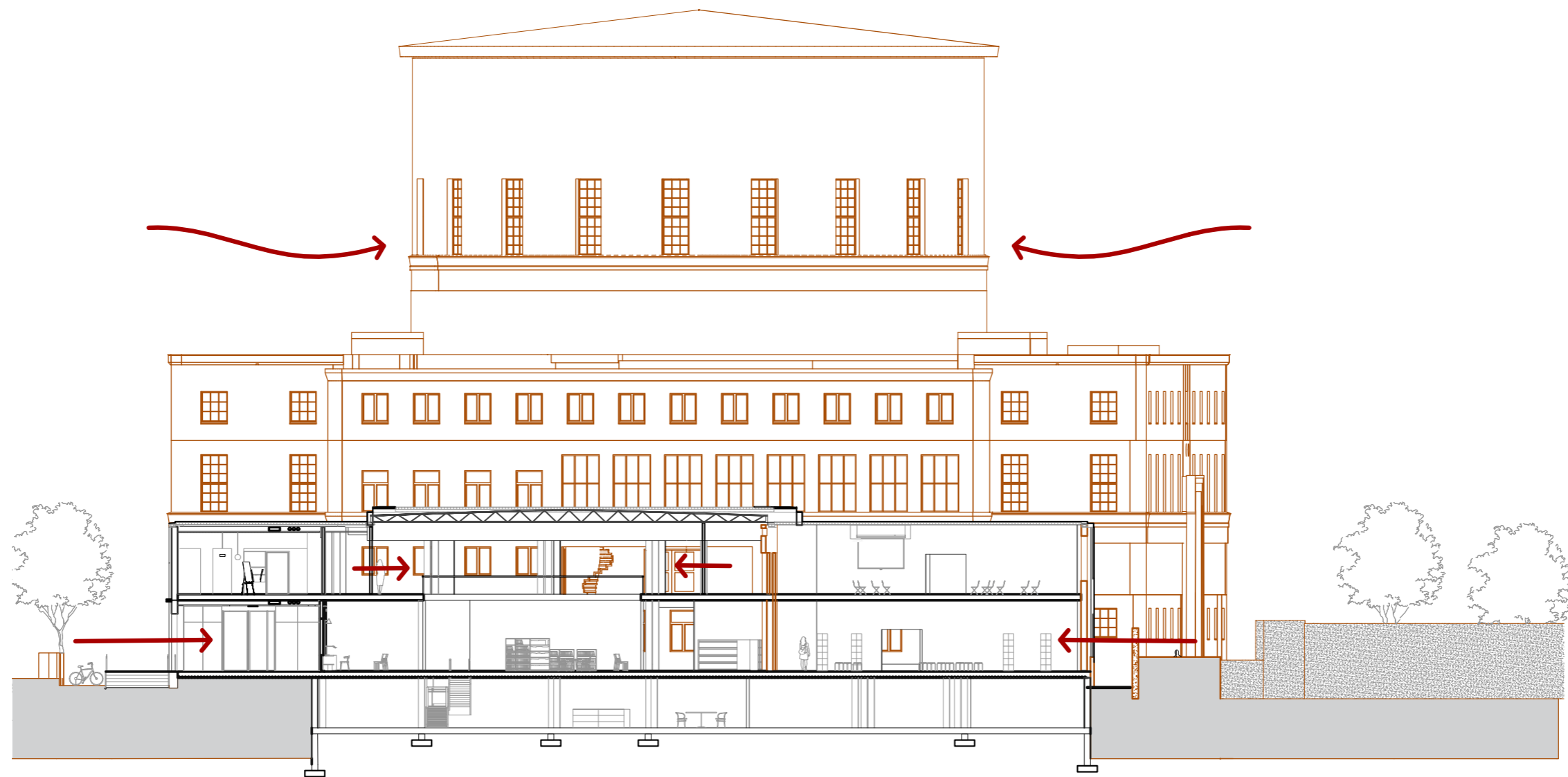
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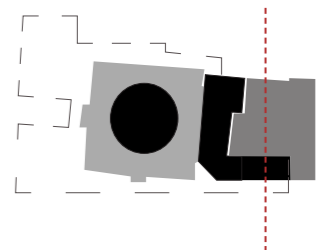
Basement Level 1:250

0 10 Service space -50%

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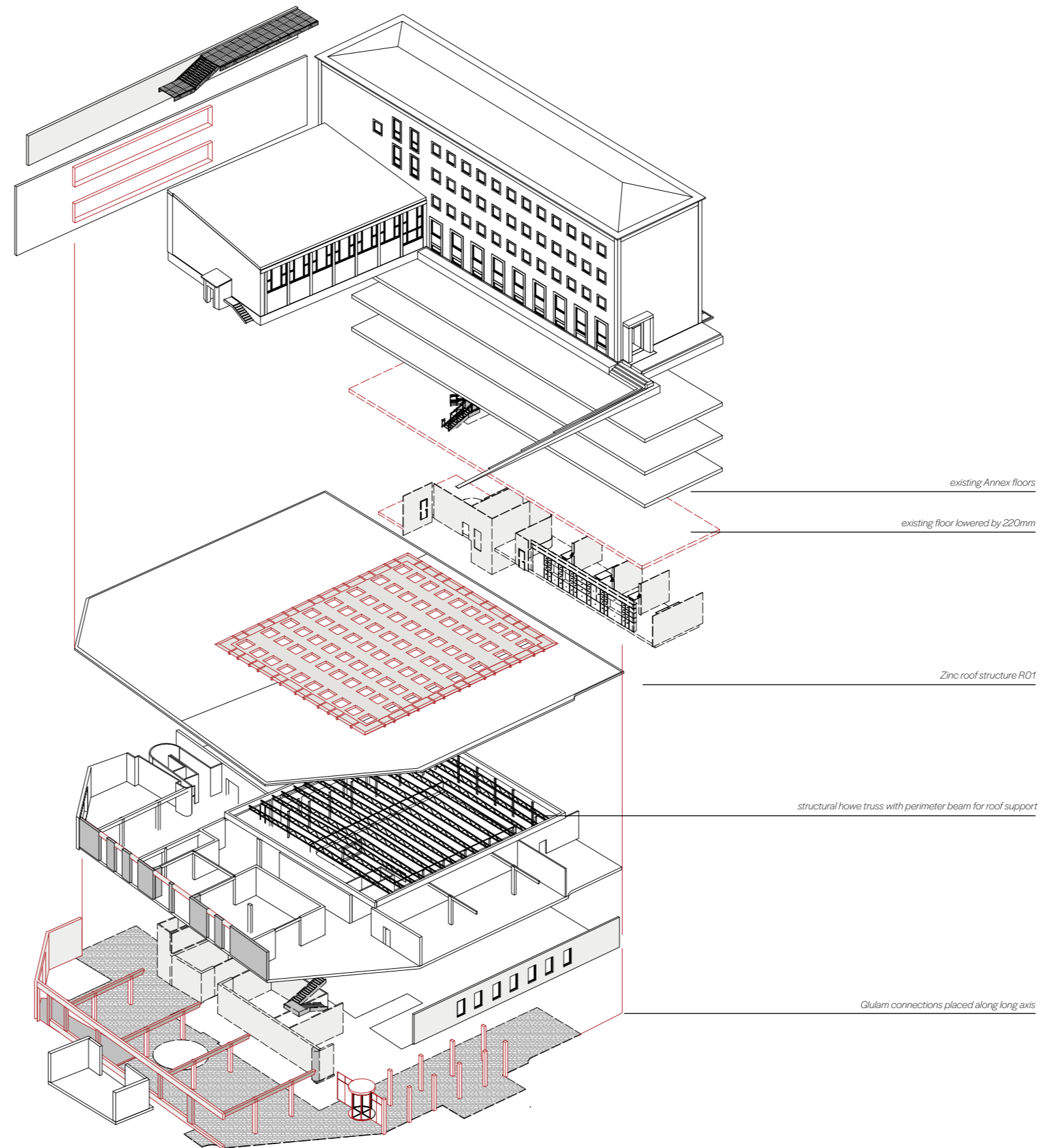


New orientation to the Library



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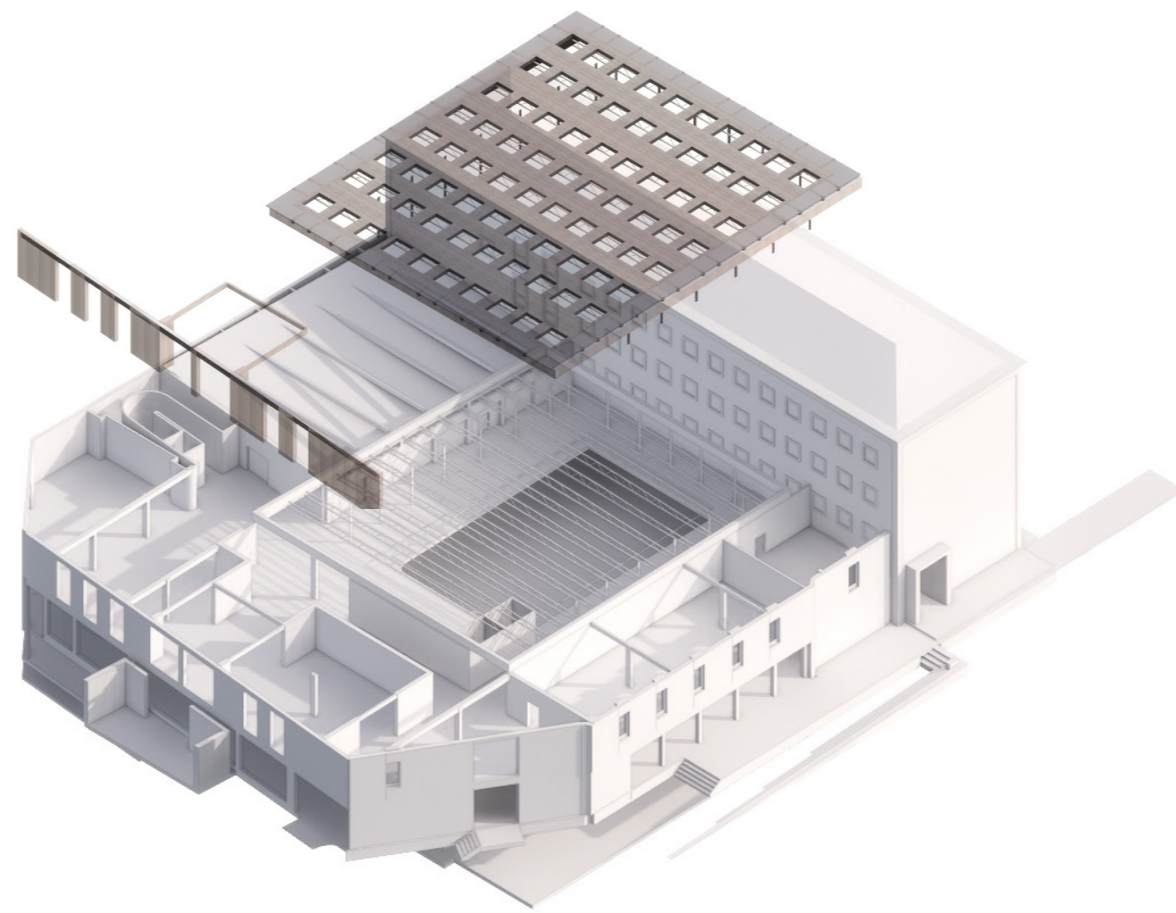


Inserted Structure

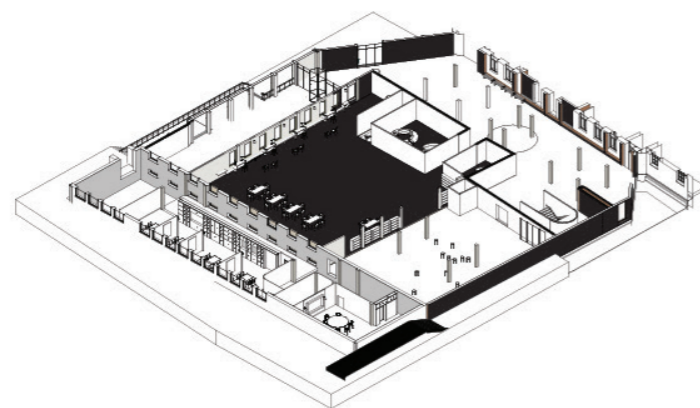
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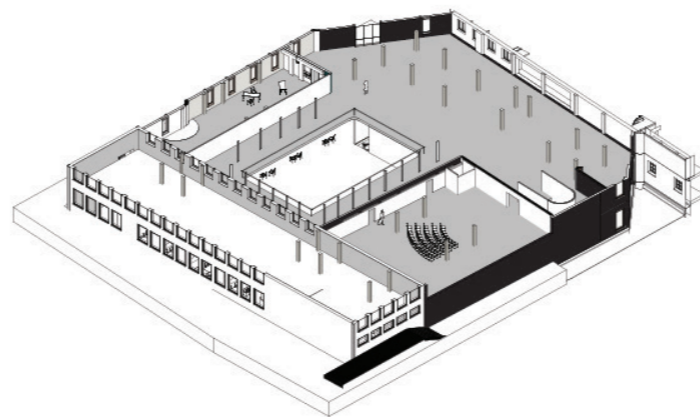
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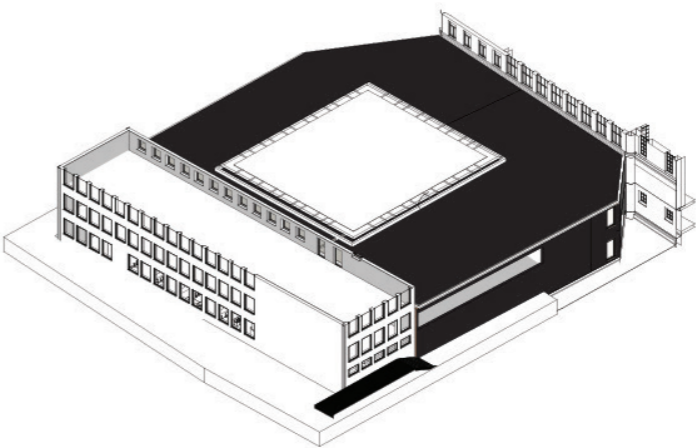
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/ +00.800 m

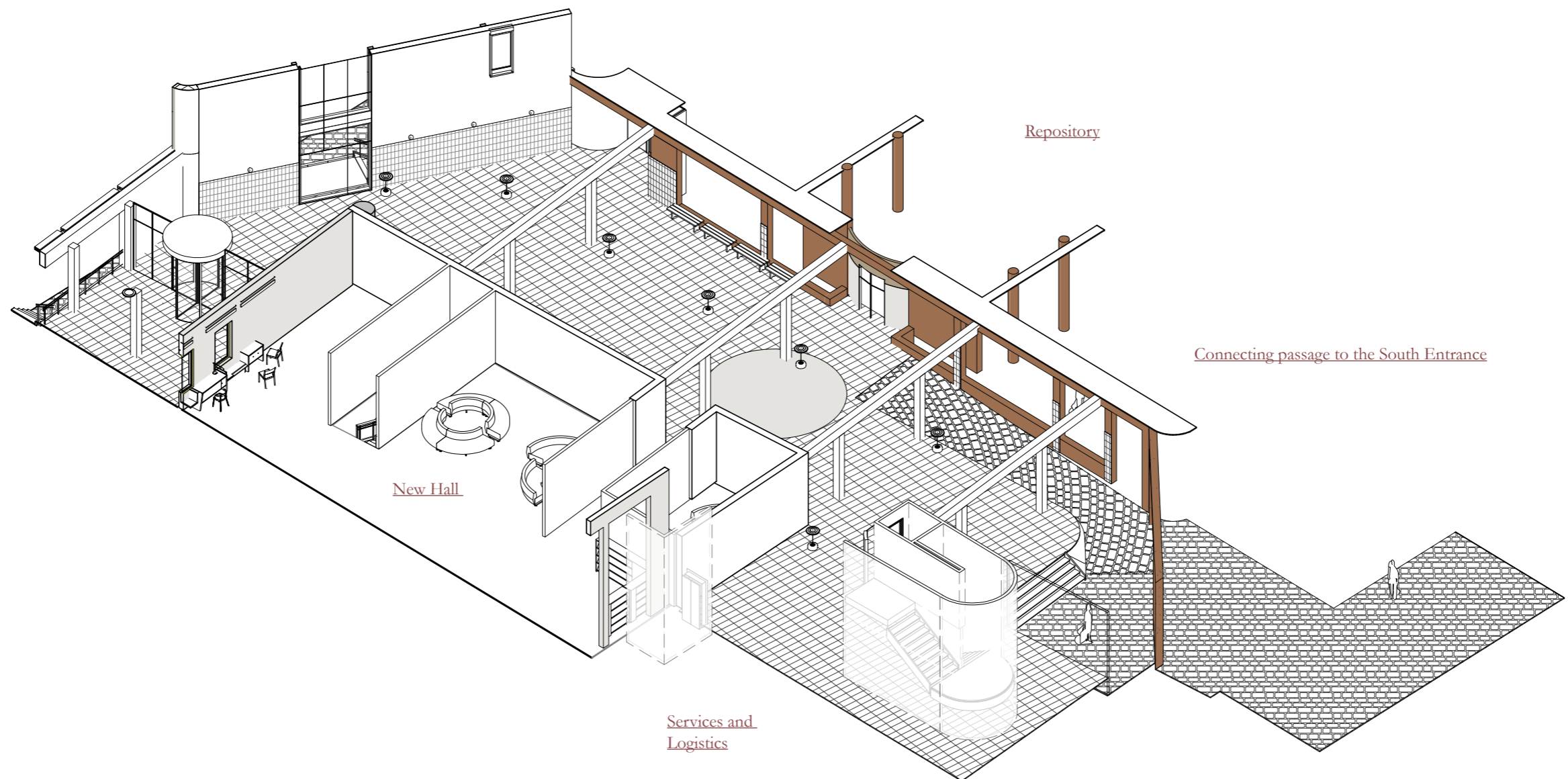


/ +03.400 m



/ +08.180 m

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Leone Nicolis di Robilant, AAM, Archives, 2020

Existing Facade



Elevation and Section of facades constructed in 1928

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Elevation and Section of facades constructed in 1932

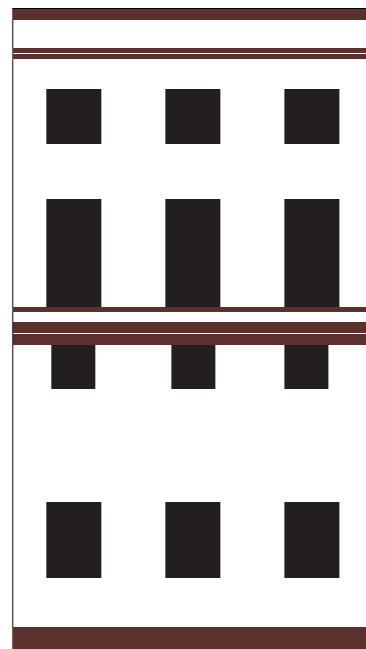
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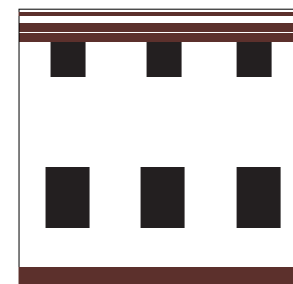


Existing - Double windows, sashed, 1.3 x 1.3 and 1.3 x 2.8 dimensionally, with a formal placement. Asplund differentiates the proportions of the window (fig. 3), in size. This technique, allows for maintaining the facade proportions on the exterior and to formalise the facade while also differentiate the interior effect and harmony.

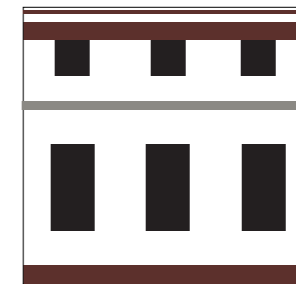


The design of the facade is reminiscent of Asplund's facade, with openings as repetitive elements and a sweep in as an abstraction of the existing frieze.

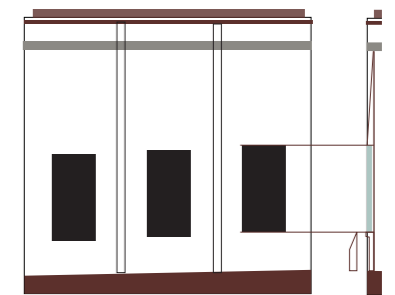
The rust is in dialogue with asplund's orange, with technique used by local assemblers for timber panel sizes.



Proportional openings



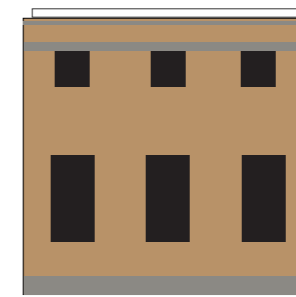
Added frieze abstraction



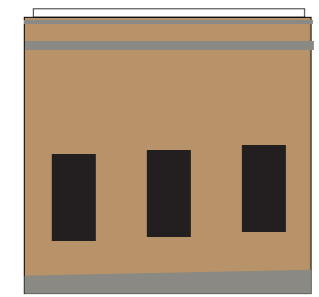
Elevated roofline, site lines



Re-adjusted openings



Courtyard facade



Internal plinth

simplified facade composition

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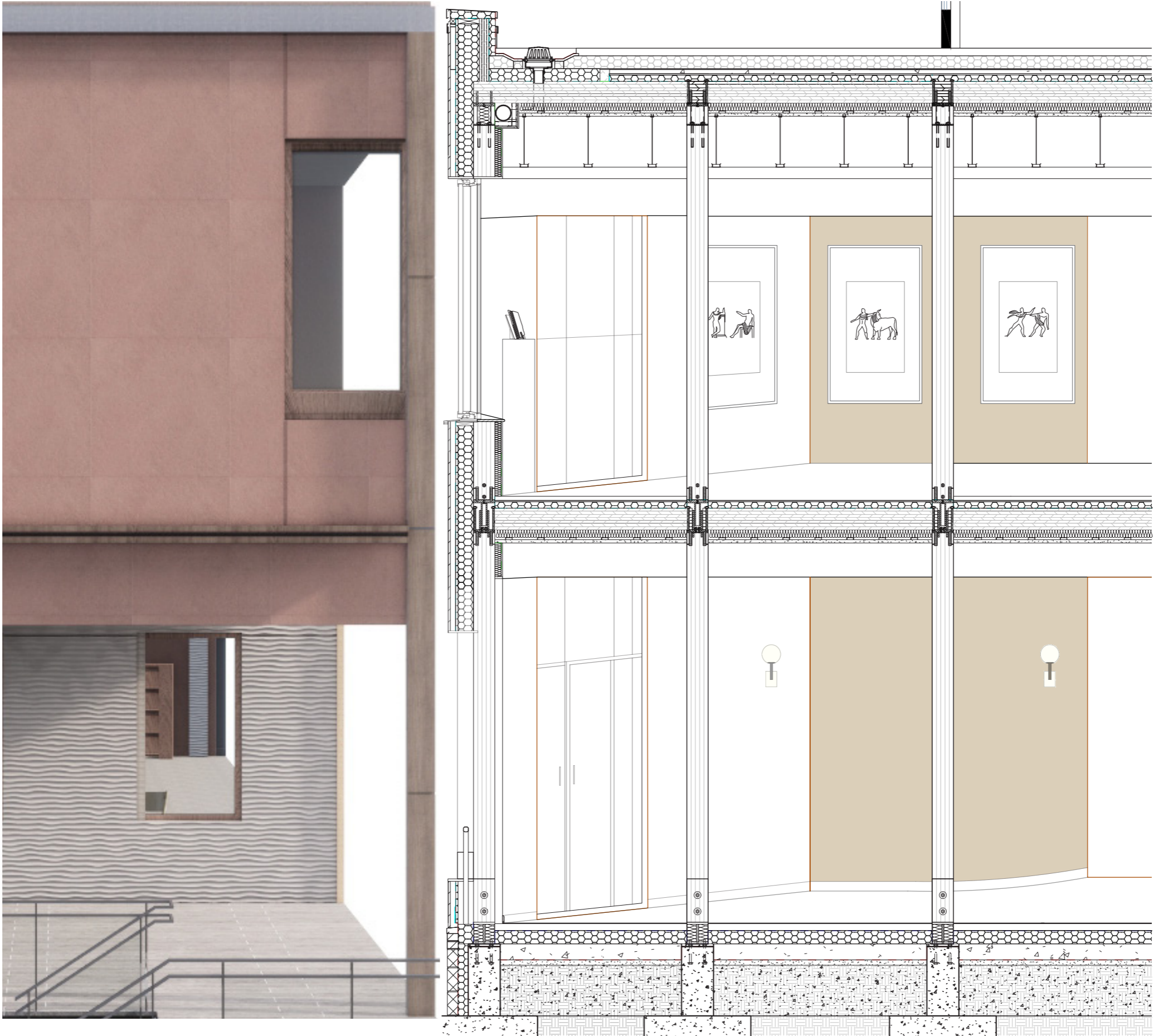


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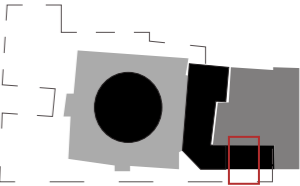
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Floor
Interior Floor Finish -wood 3mm
Insulation integrated heating system - 150 mm
CLT Floor panel - 160mm
Insulation - 60mm
Suspended ceiling system

Facade
Internal Plaster - 3mm
Insulation - 60mm
CLT Wall panel - 160mm
Vapour Barrier
Insulation - 180mm
Timber facade joists - 200x 200mm
Exterior Stucco -4mm

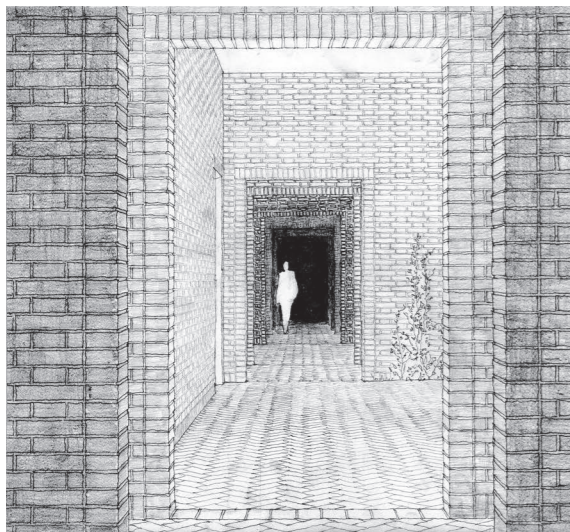
Glulam Post
Column to column connections with HSS Anchored
bolts with connection plates on both sides of column
300x300mm plates with 16mm dia. bolts



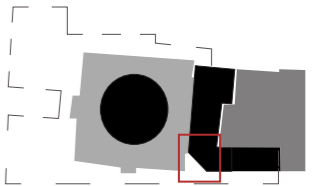
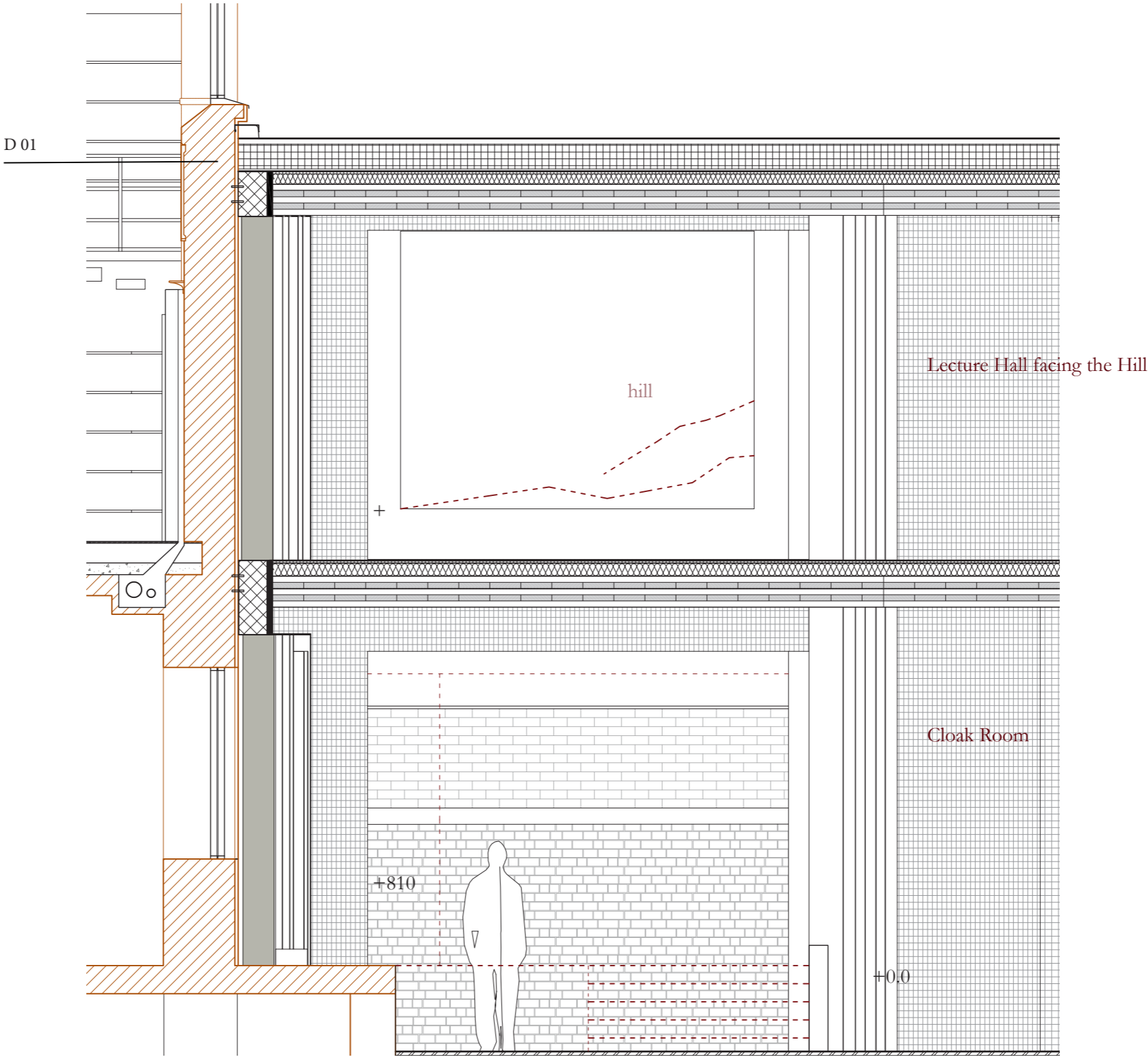
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View of AAM, Marketballs, F. Torzo

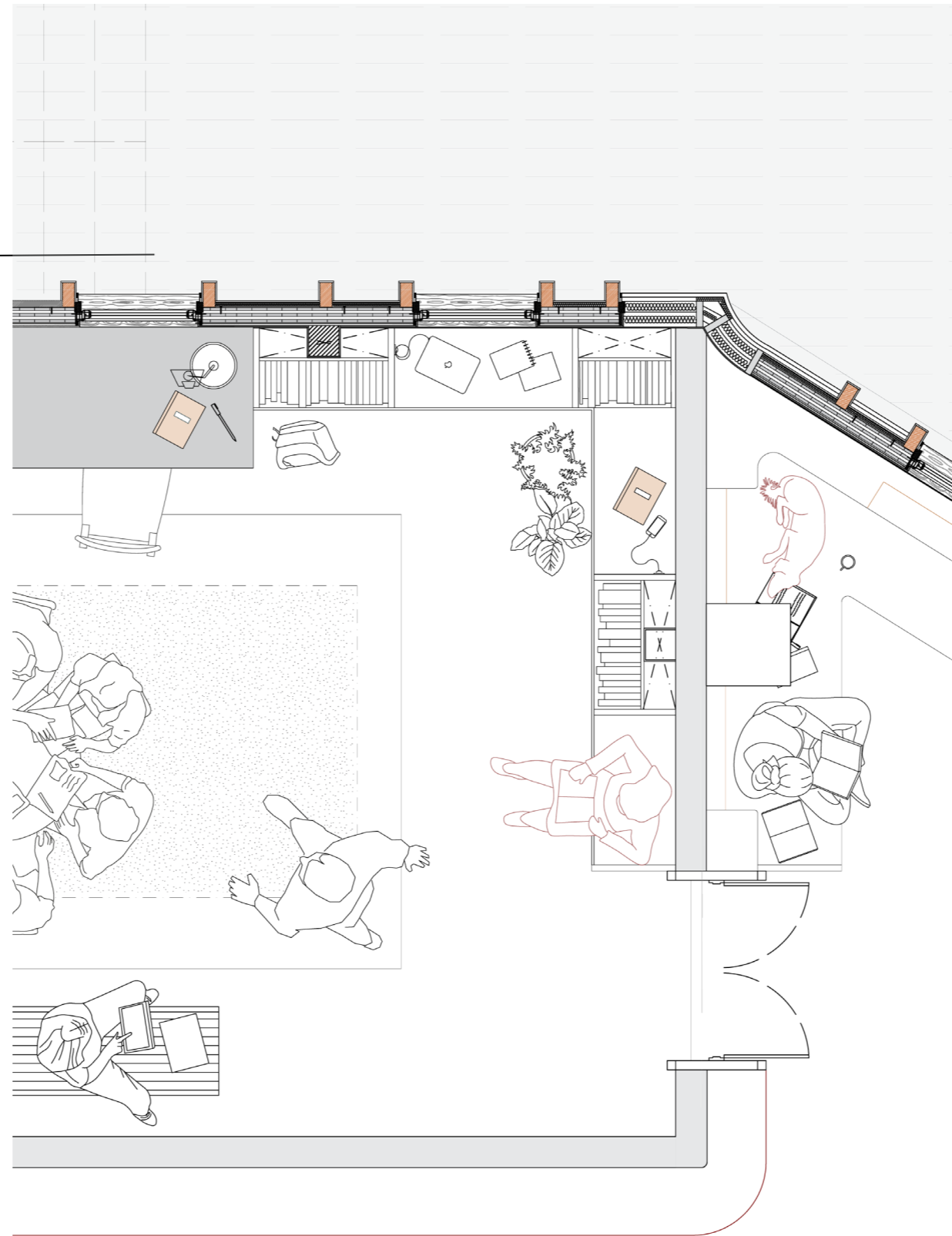


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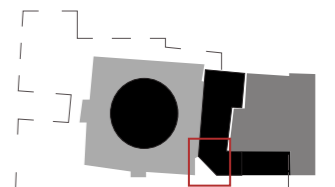
Rare book/ Antiquities room facing the Street

Open Room and Lobby

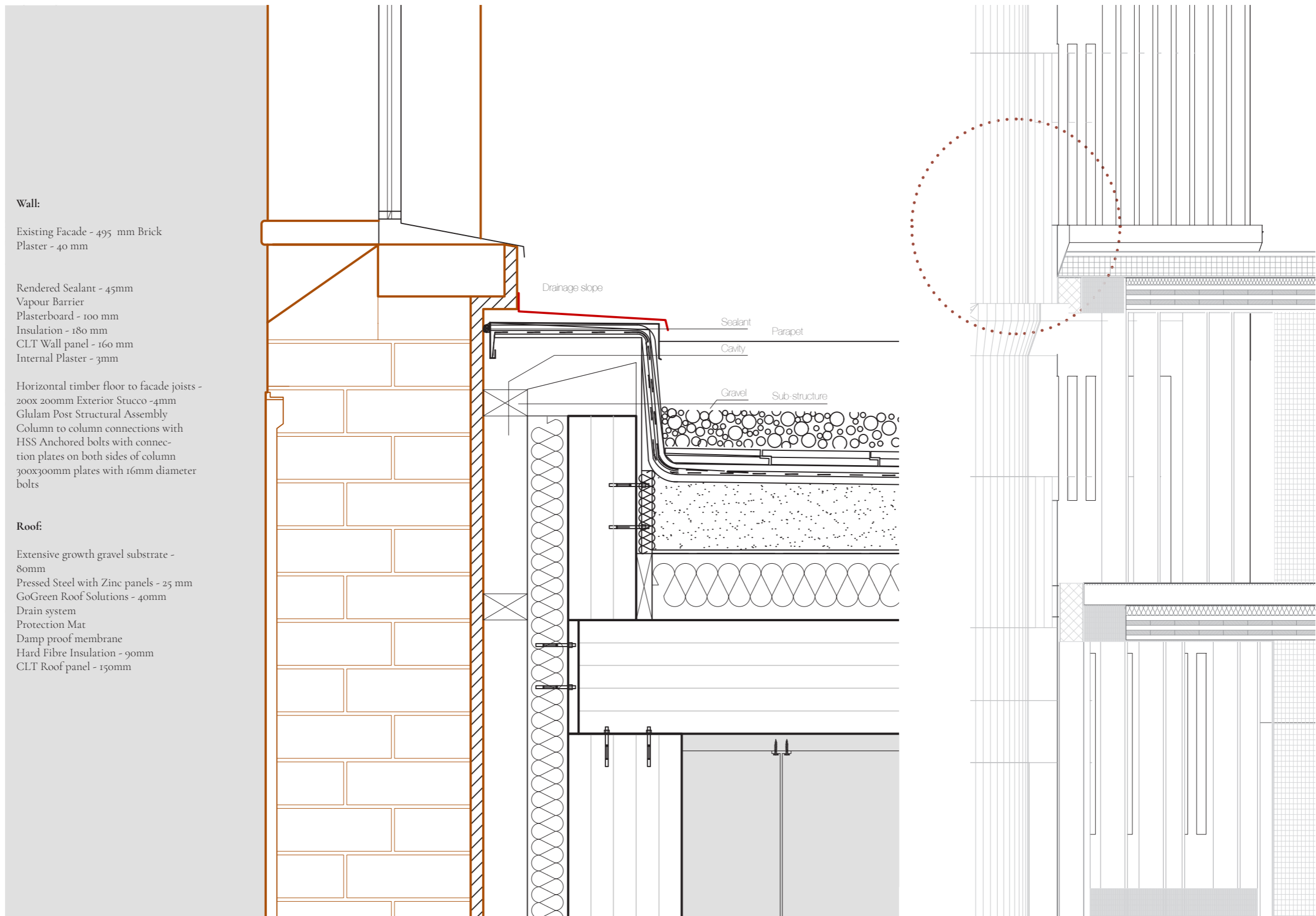
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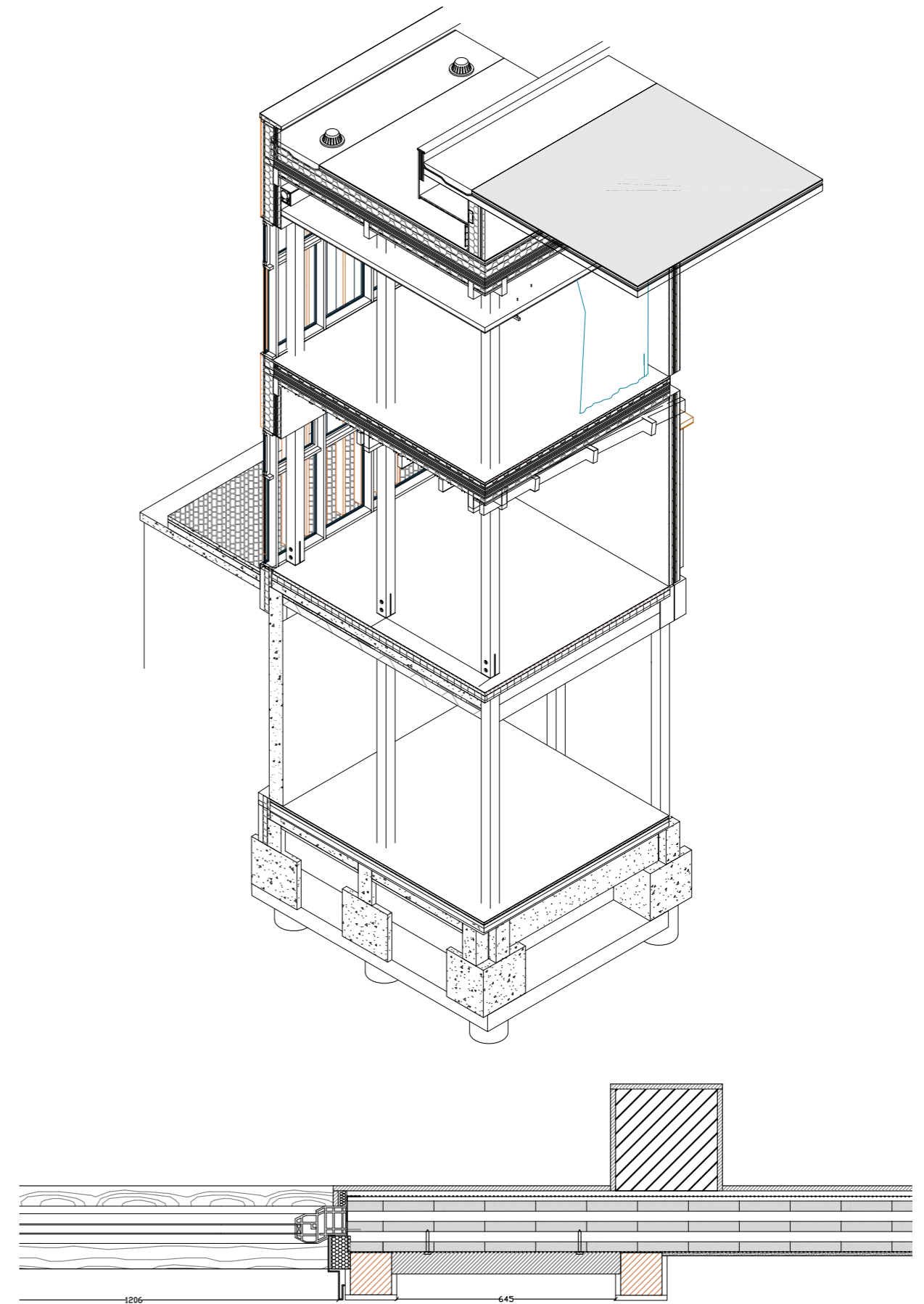
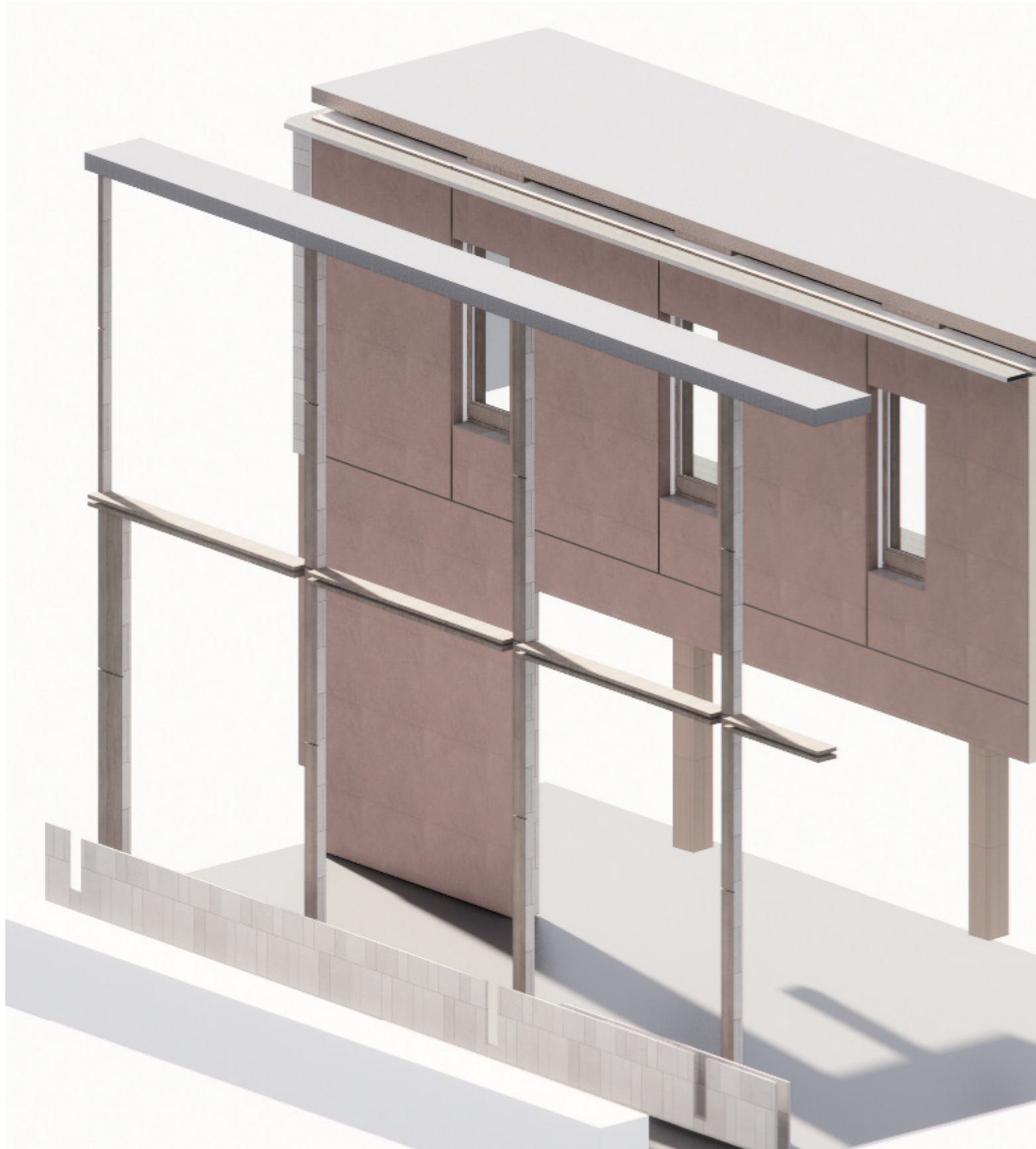
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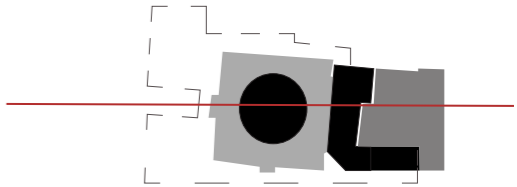
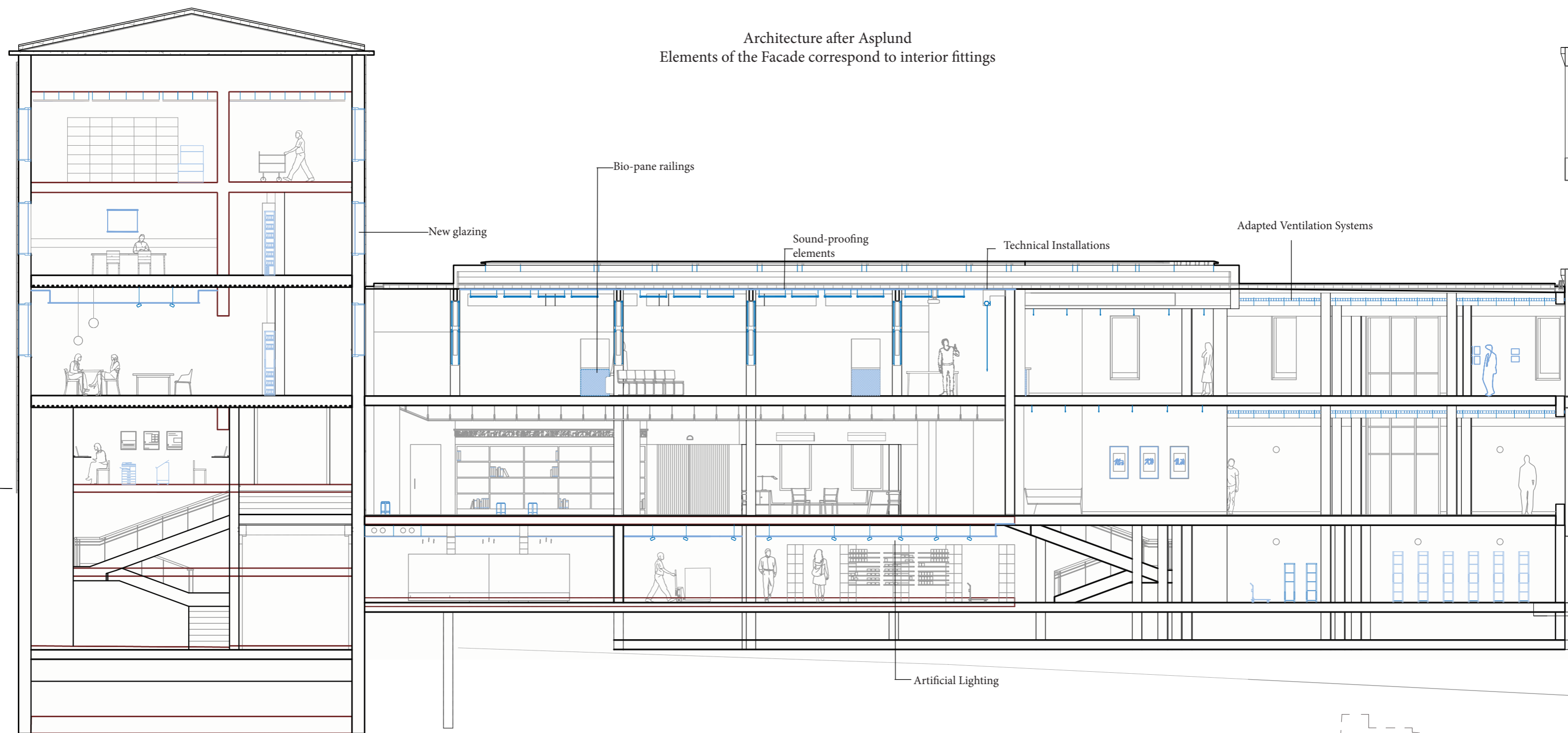
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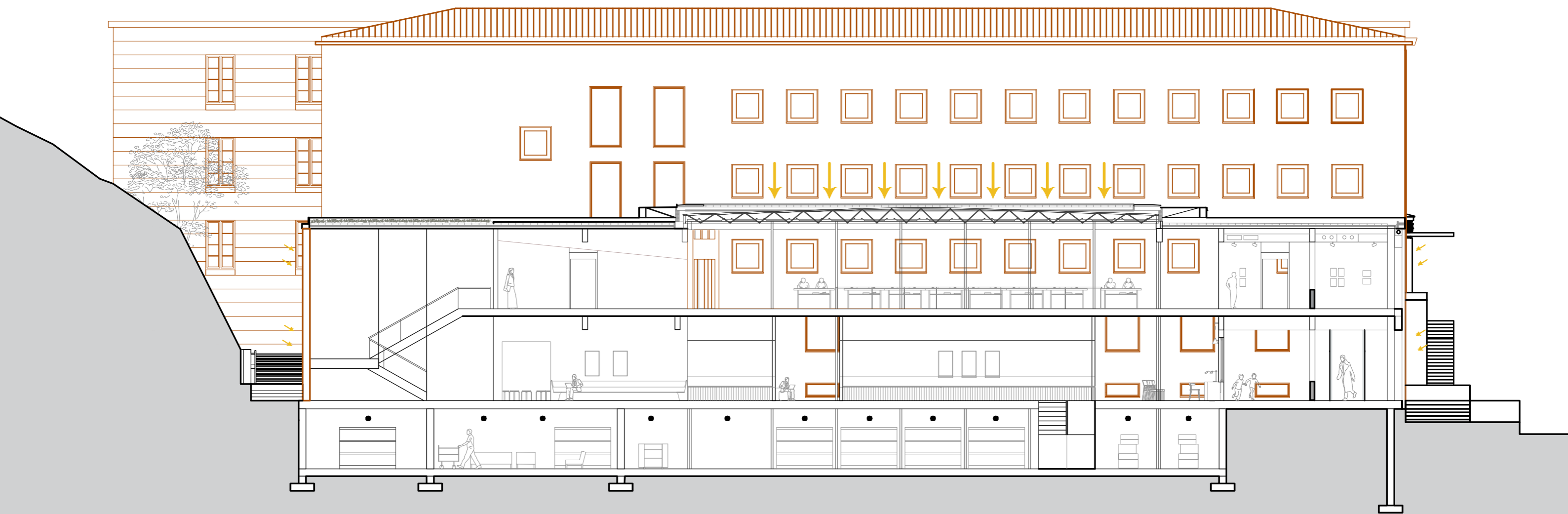
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Contemporary Adaptations

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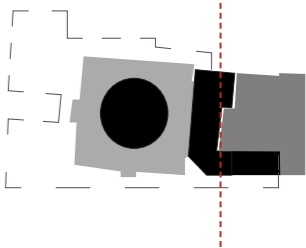
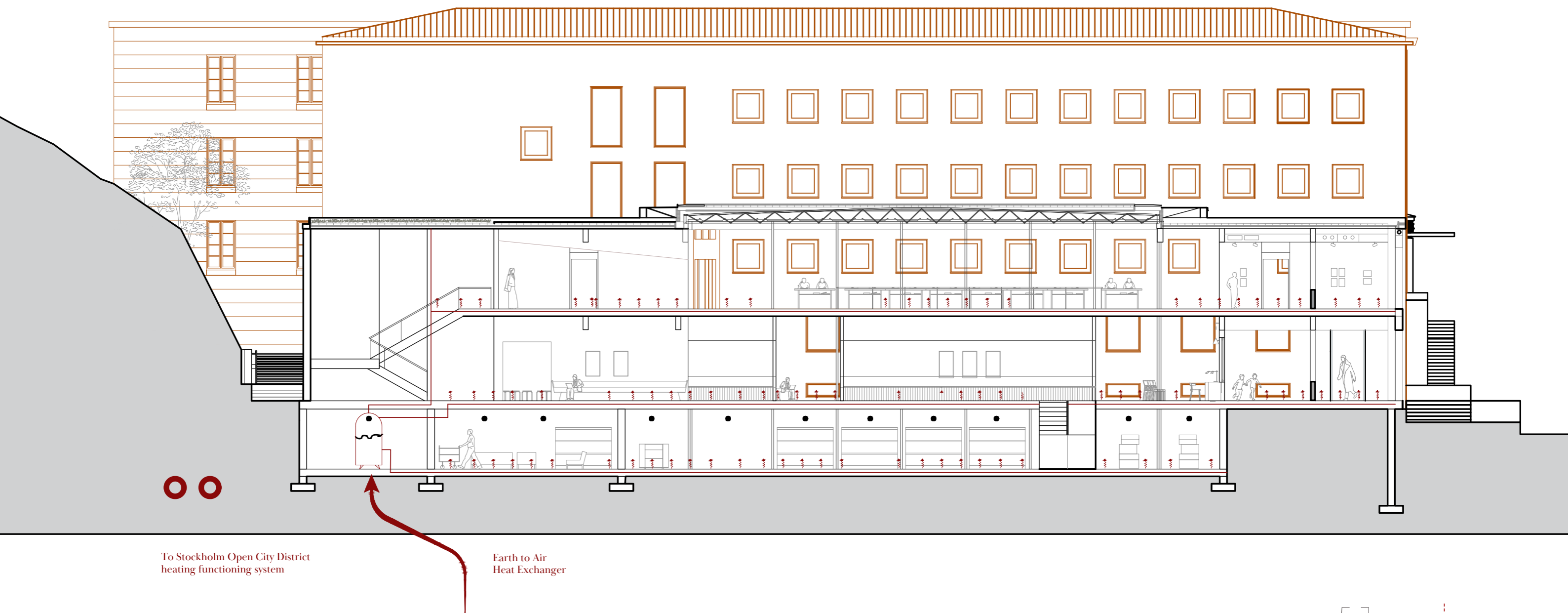
Direct Daylight

Completely artificially lit spaces

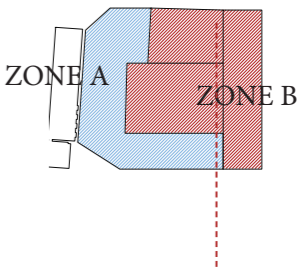
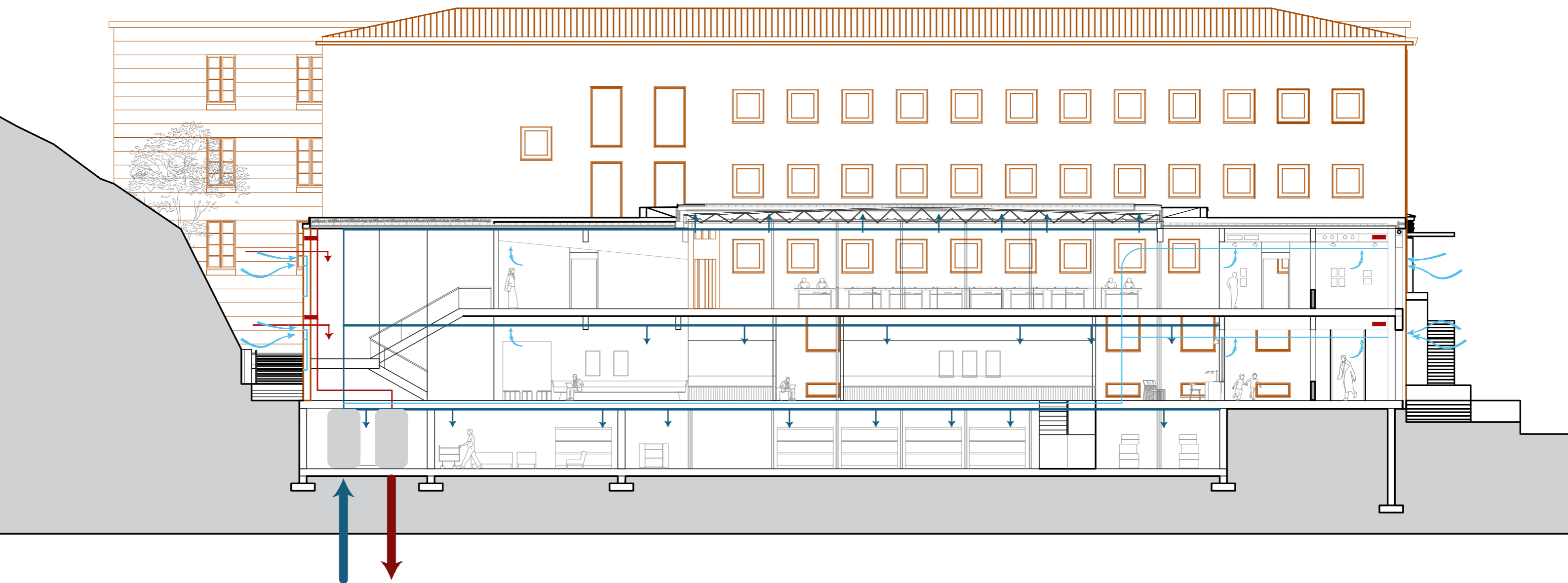
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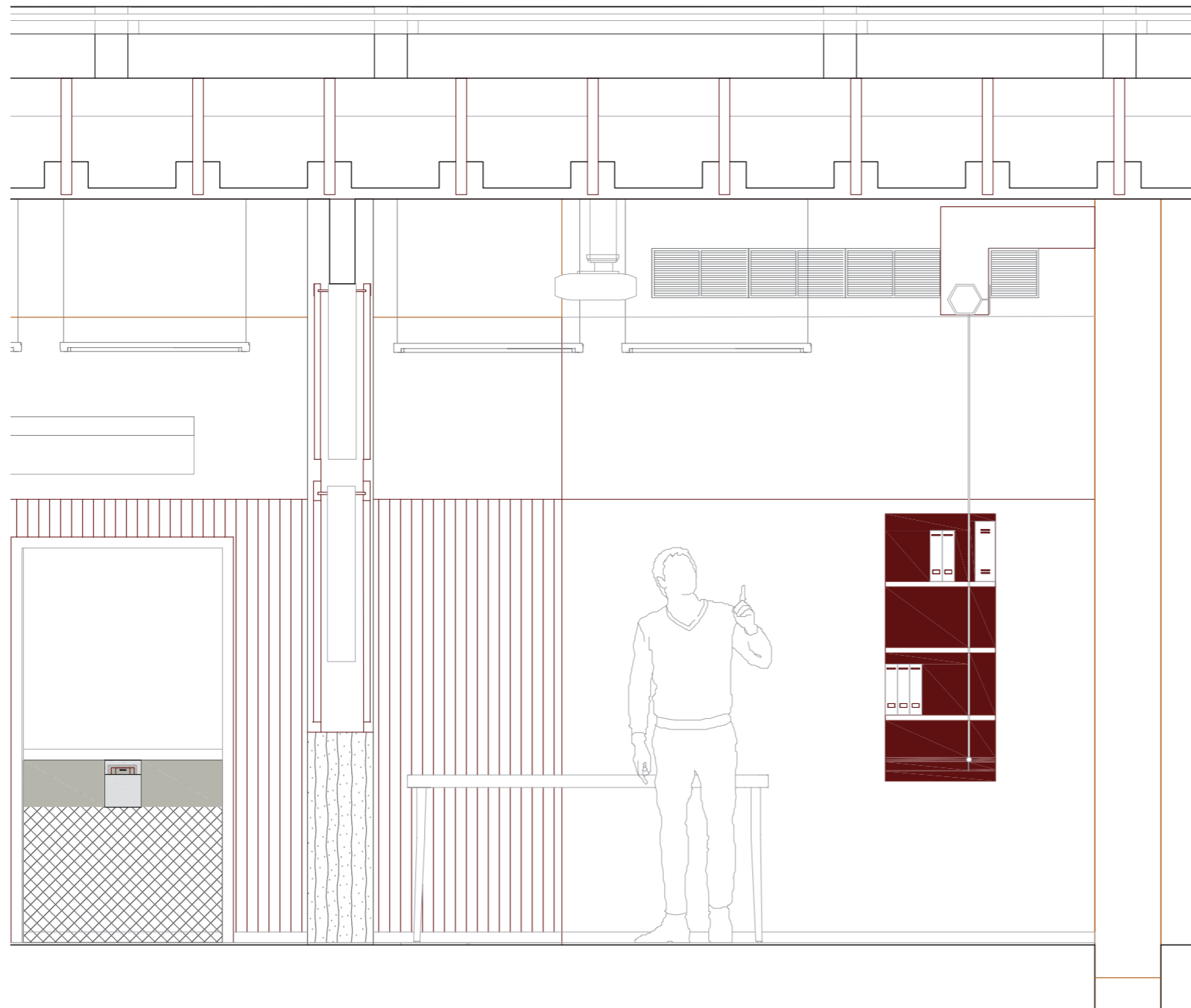
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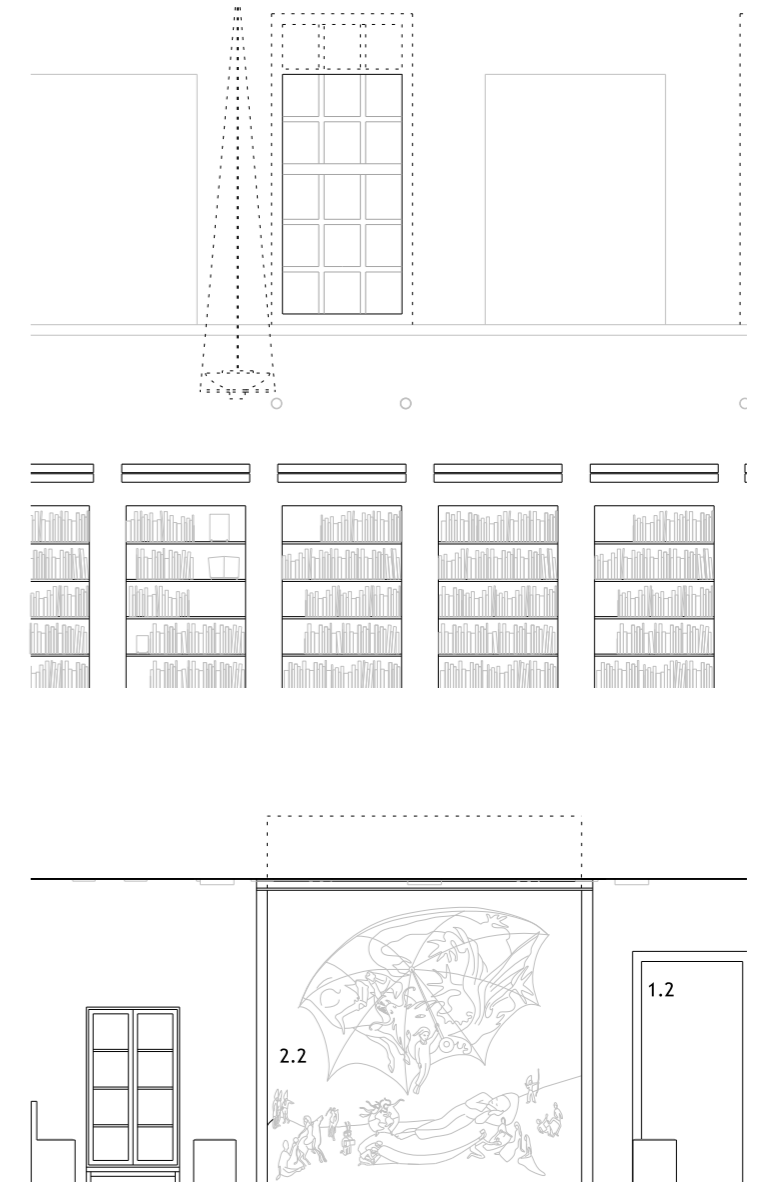


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Ornamentation - Motifs appear in Children's Lecture Halls as sound absorbtion panels
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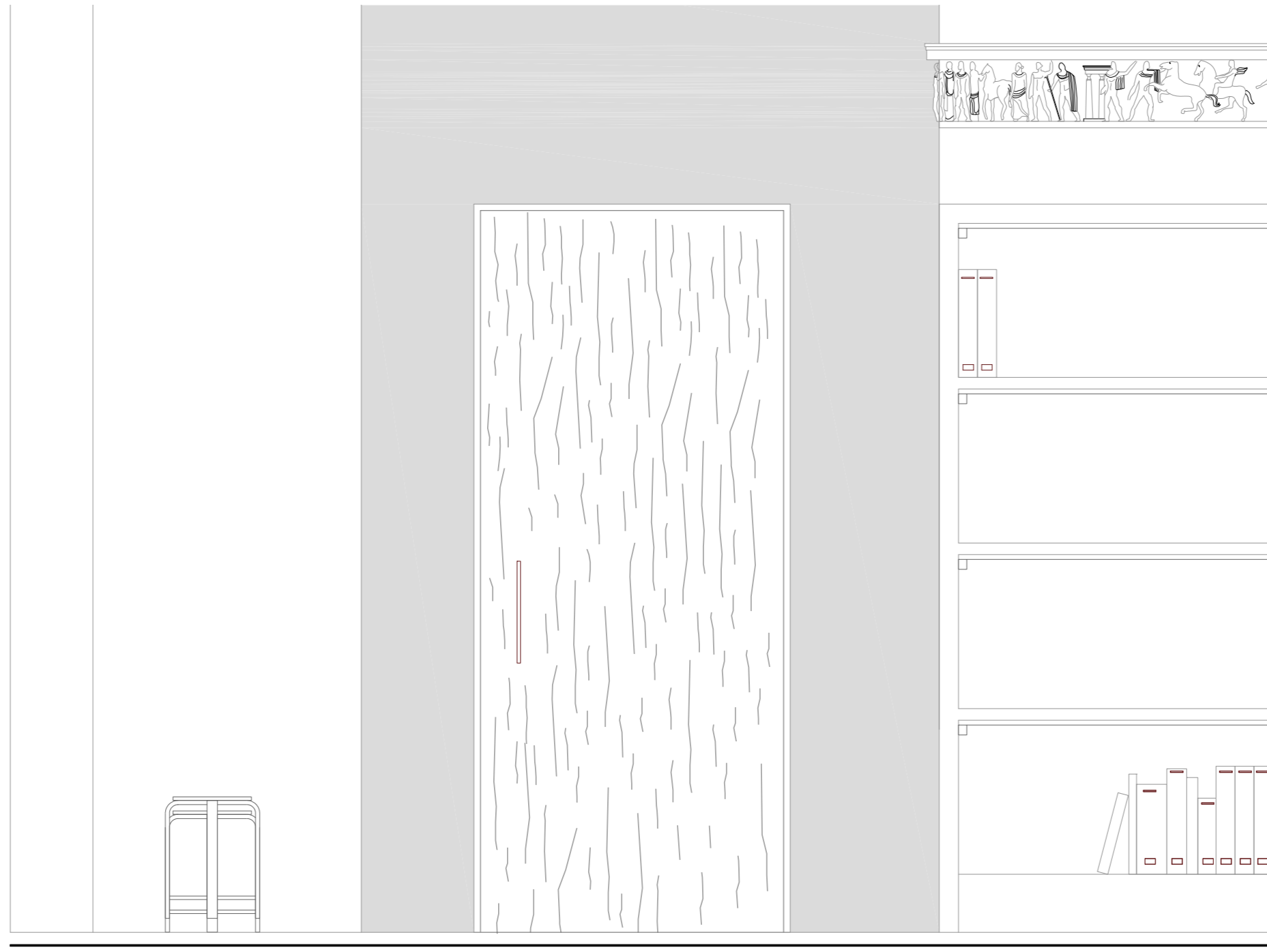


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View of the Community Lecture Hall

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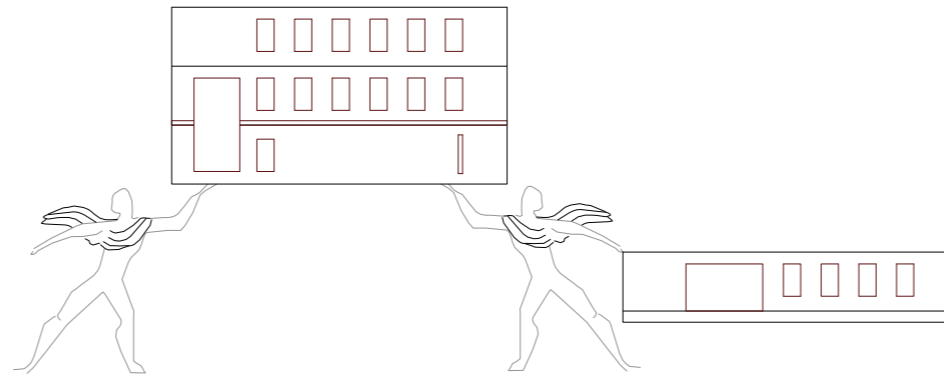


REPAIR

Motif rendered Tile as scenography on the existing granite wall International Library of the Lecture Hall
1:25

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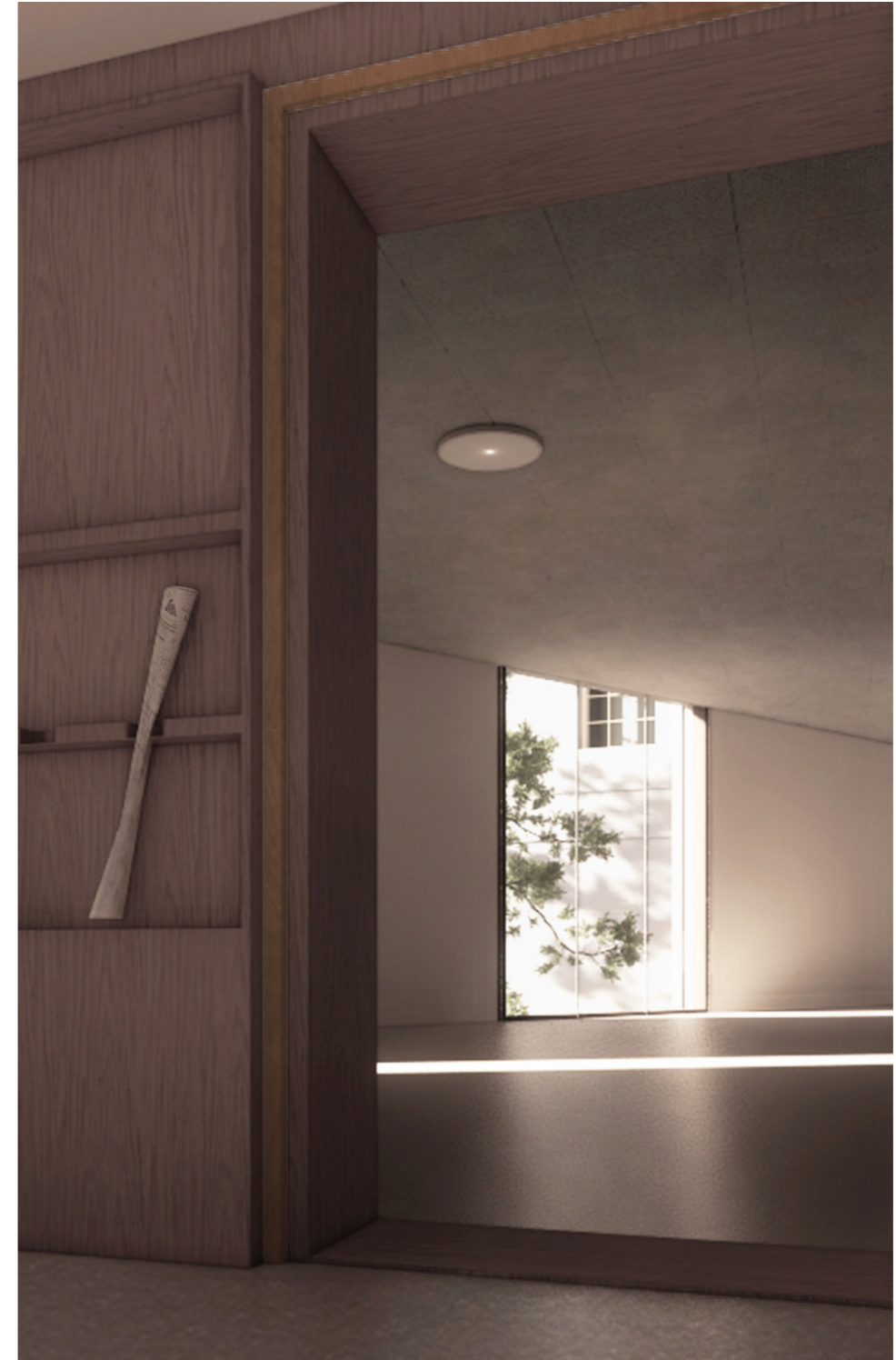
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"a link that ensures best possible spatial and functional connection between the buildings, the role of the extension is to deepen existing relationships, enhance functionality and extend its premises for the existing users of the city."

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The Antiquities Room allows for aspects of celebration of the Library and its Heritage to be transferred and celebrated in the new extension. This is the room that faces the city to the north of the Hill and serves as a museum of remembrance for Asplund's furniture, the City Library's archives, exhibitions and other overlapping use. This relationship between the architectural concept, its physical development, the city and its new function is experienced here.



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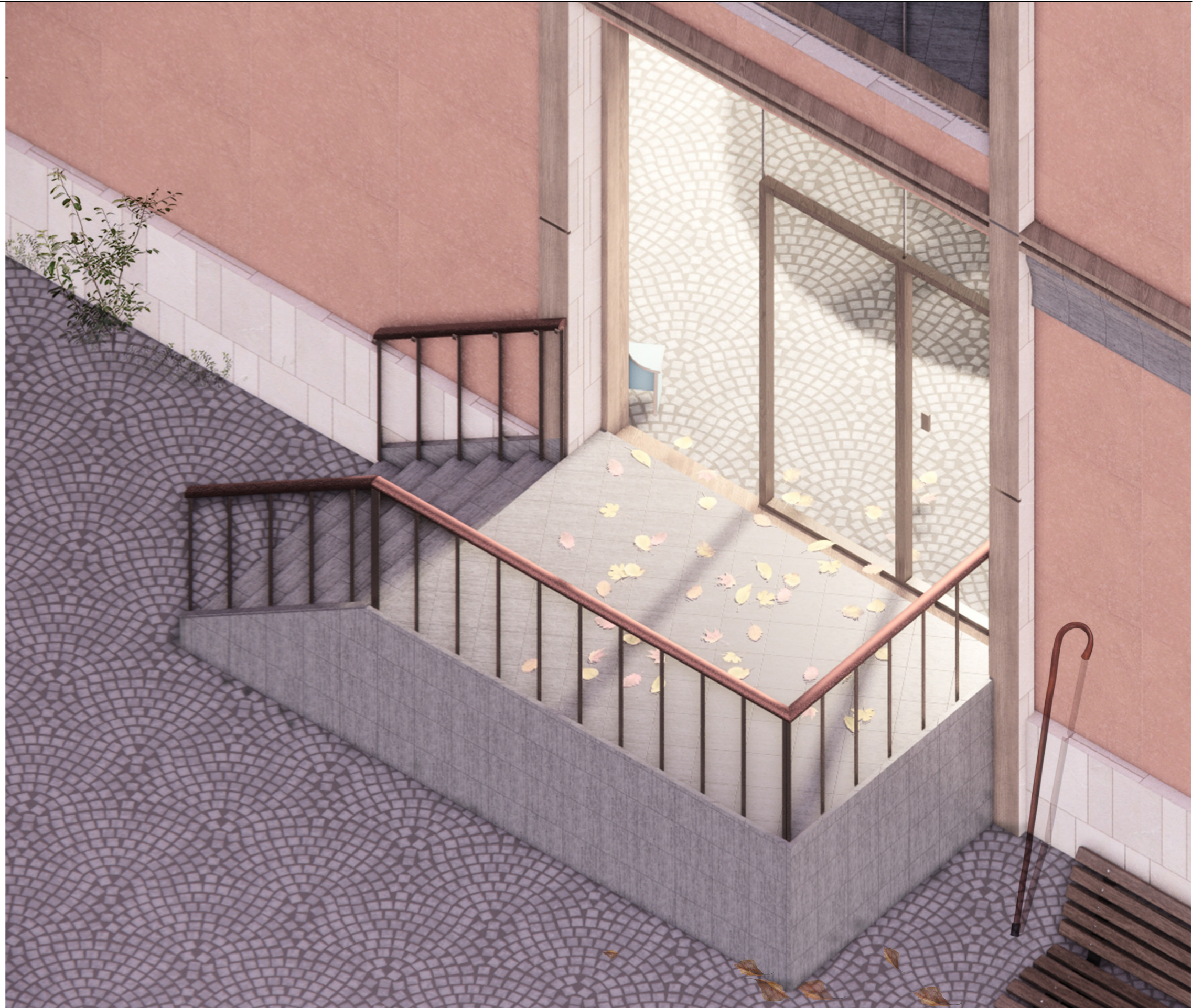
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