Heritage & Architecture Graduation Studio

V&D Leiden: Crafting Layers of Time

P5 Presentation: Pieter van der Weele 22.06.2021

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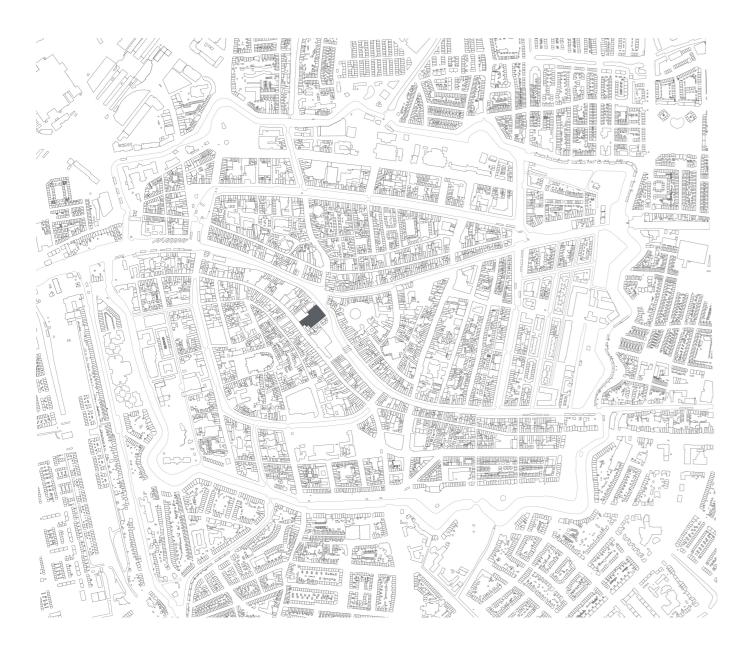


Pieter van der Weele is supported by a scholarship from the Nikos & Lydia Tricha Foundation for Education and European Culture (Ίδρυμα Παιδείας και Ευρωπαϊκού Πολιτισμού, Ιδρυτές Νίκος και Λύντια Τρίχα).



Front Cover: The former V&D building in Leiden standing next to the historic "Waag" building. Picture captured and edited by the author.

Introduction



The location of the V&D within the city centre of Leiden.



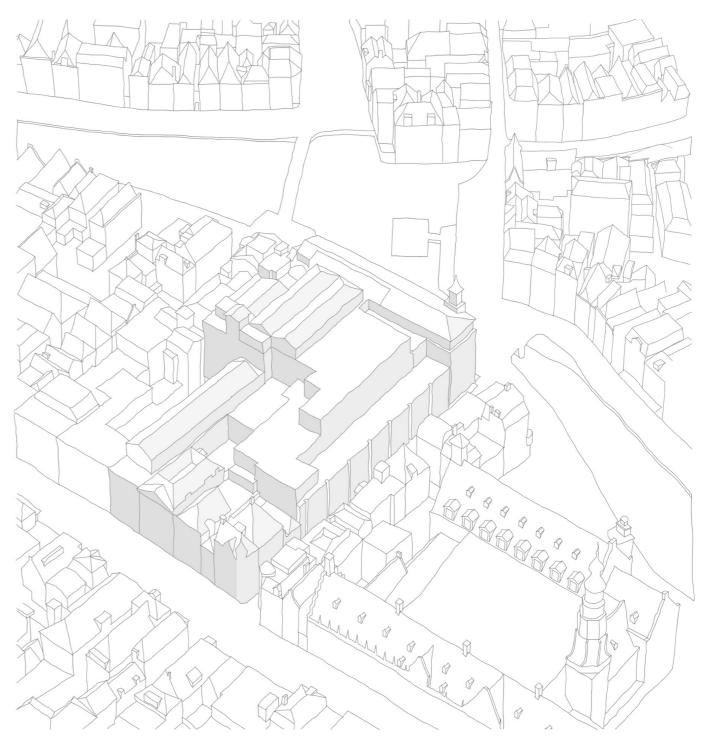
The former Vroom & Dreesmann building in Leiden September 2020. (Photo: Pieter van der Weele)







The different compartments of the V&D. The facades towards the (1) Aalmarkt (2) Breestraat and (3) Maarsmansteeg



The position of the former V&D store within the urban context.

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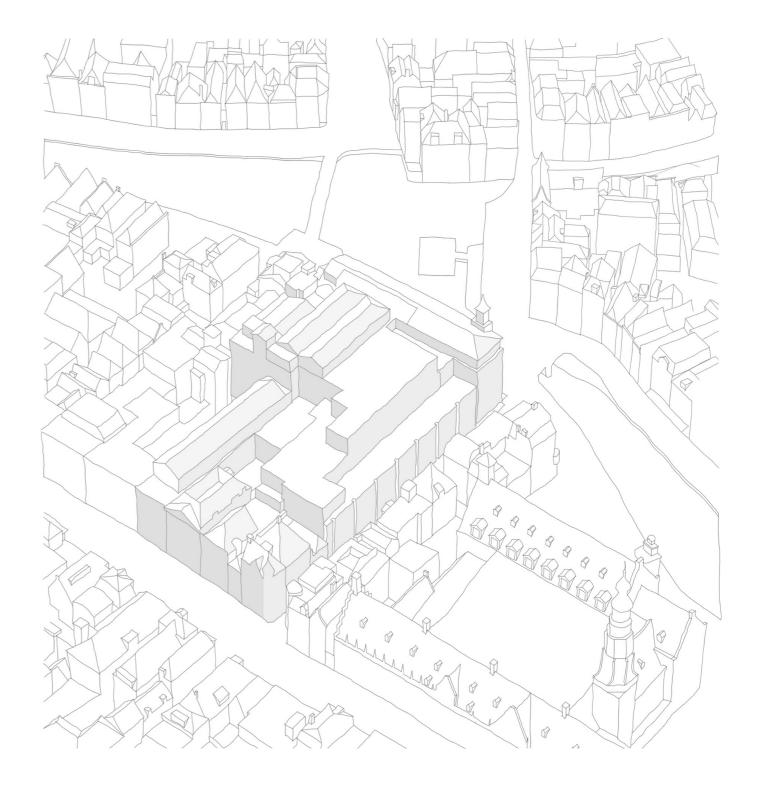
Part 1. Research, Analysis & Values

Part 2. The Programme

Part 3. The Design

Part 4. Reflection

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Part 1. Research, Analysis & Values





"Serious architectonic knowledge of the façade, the surface that intermediates between the interior and the city, can be developed very effectively by a study of old buildings. This is an excellent way of learning about such things as proportions, window openings, the effect of depth, detailing, façade coping, the silhouette of a building, the possible methods of supporting it and so on. There is a real need for this kind of knowledge."

-Jo Coenen, The Art of Blending, 2006

"Neither Marlowe nor Goethe wrote their Faust on an empty page; (...) One must understand the form and content, the structure, the grammar, the syntax, the meaning, the theme, the motive and the plot, and the world that lies behind these. Who was and is the writer,

in what tradition did he write, who were the contemporaries who inspired him or against whom he reacted? And above all, which source did he use himself? (...) The old casts its light ahead and from the new the old is revaluated. To continue the comparison with the writer in redevelopment the architect is always the co-author. (...) The author, or architect, who keeps the stories separate from each other avoids the challenge and makes no choices."

- Job Roos, Discovering the Assignment: Redevelopment in Practice, (Delft: VSSD, 2007)



Research Question:

What inspired the architects for the implementation of craftsmanship in the facade? What were the reasons for this?

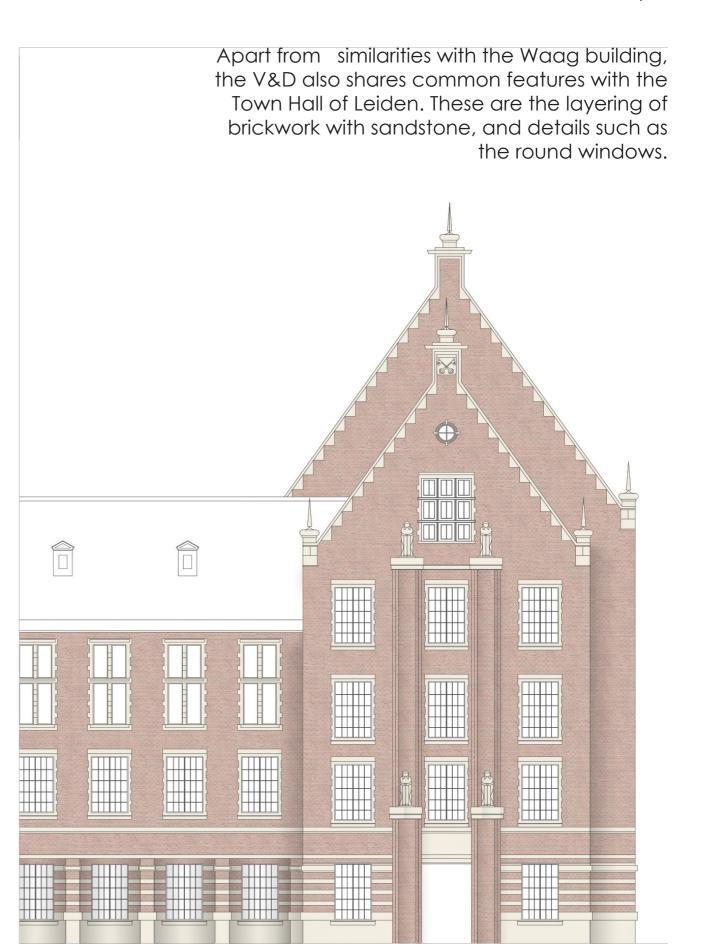


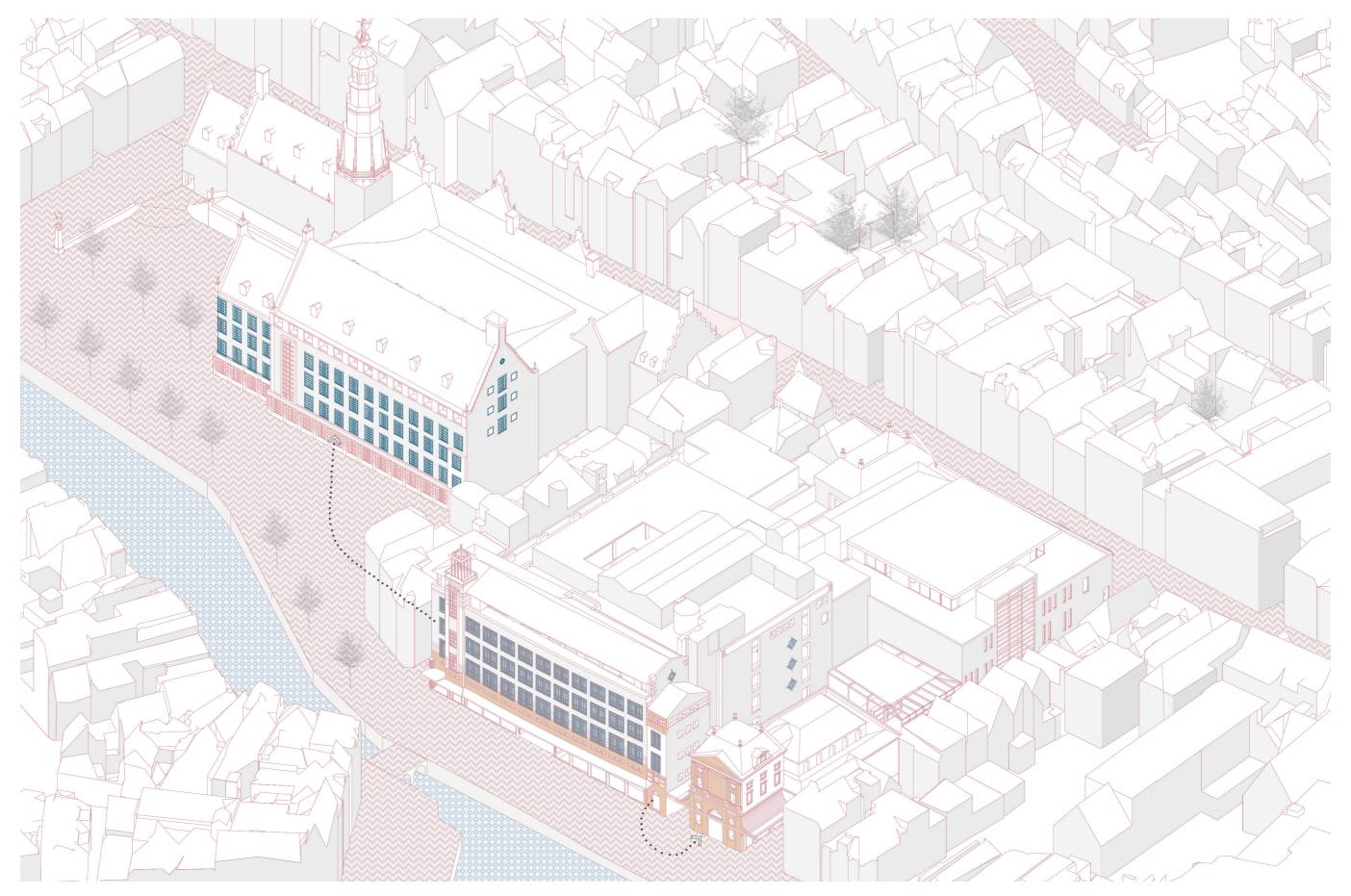
The facade's building skin was composed from brickwork and sandstone panels. The craftsmanship can be seen in the interlaying of the materials as well as in the careful dimensioning of the parts.

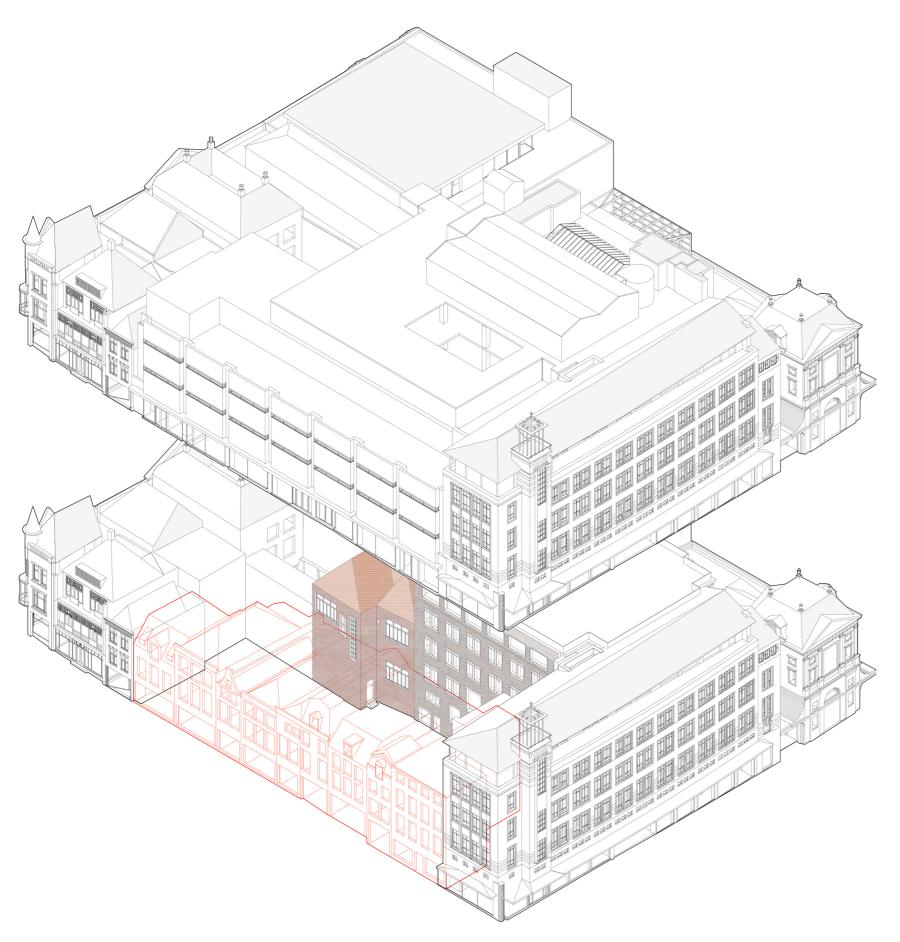


The use of sandstone in the facade aimed to create a smooth transition to the Waag building, which is cladded with sandstone.







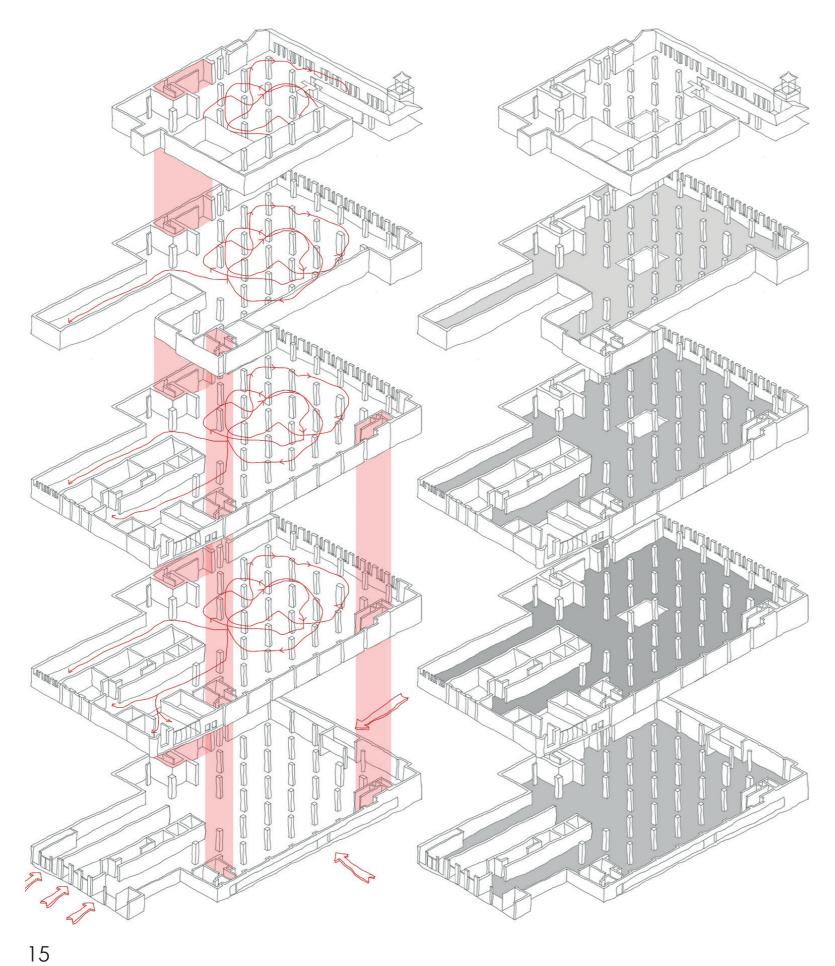


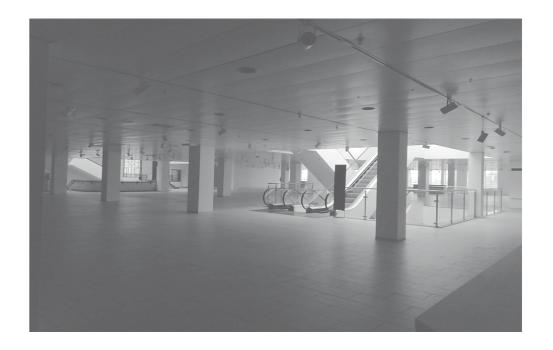
The evolution of the Urban block. Demolition of the buildings overlooking the Maarsmansteeg and the creation of the new wing in the late 1960's.





The reference in the facade structure to the rhythm of the older smaller buildings.

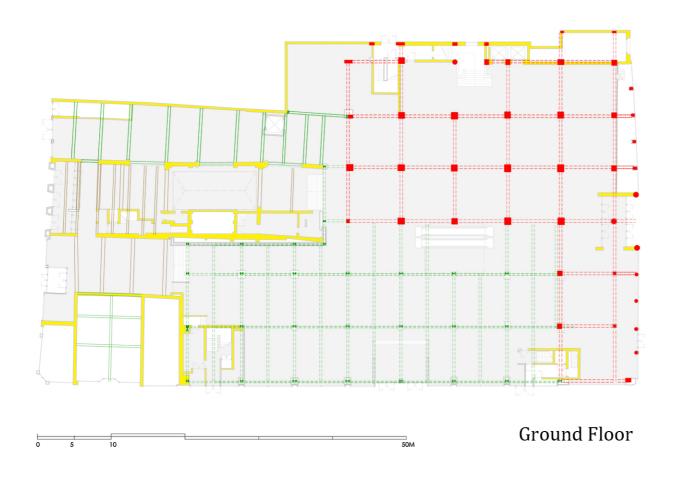


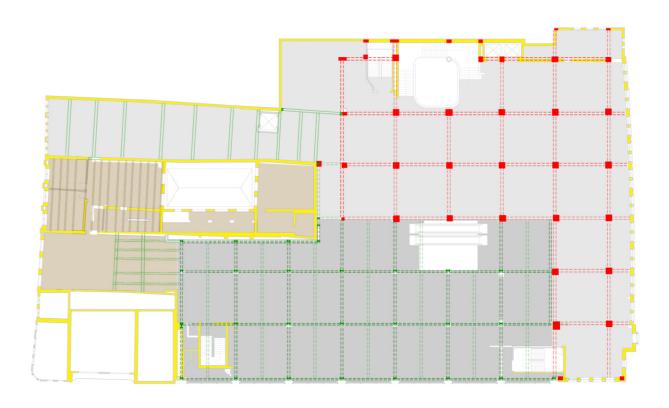


A compositional analysis of the building showed that there are many staircases, which help vertical circulation.

The availability of light in the building decreases significantly on the lower floors, as a result of the large floor span and relatively small windows.

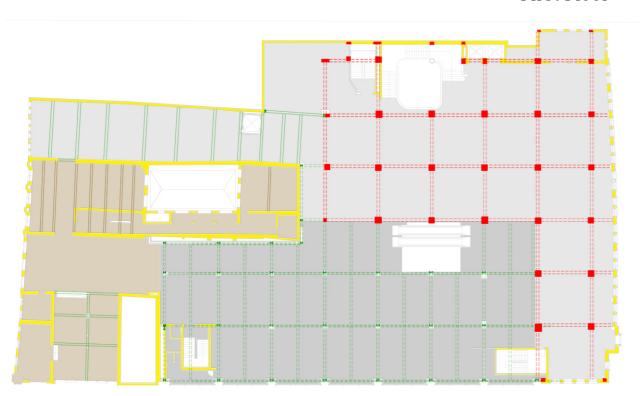
Technical Analysis

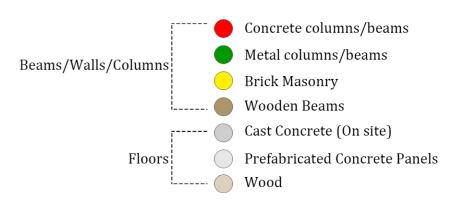




Second Floor

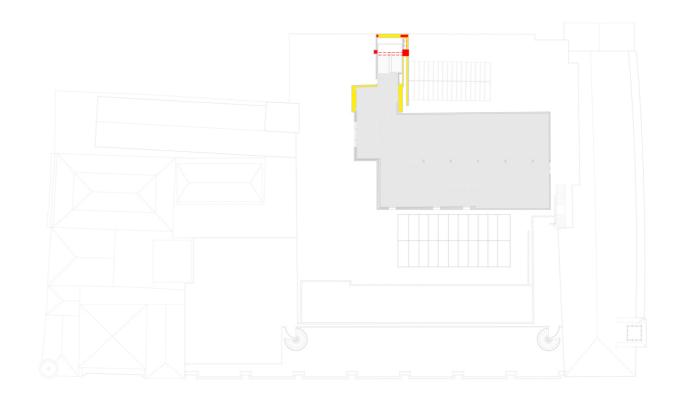
First Floor





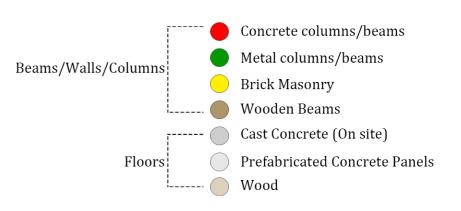
Technical Analysis

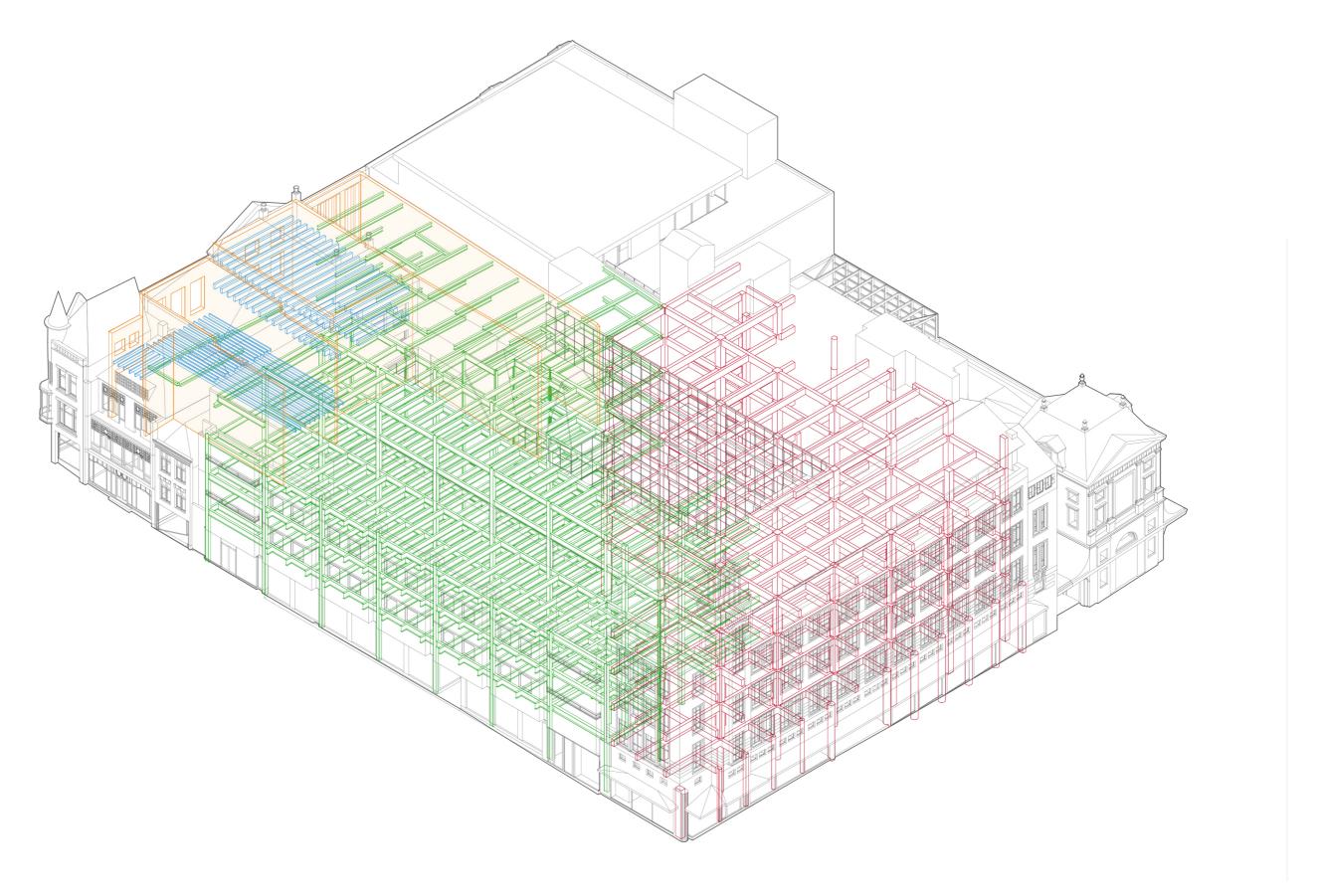




Fifth Floor

Fourth Floor





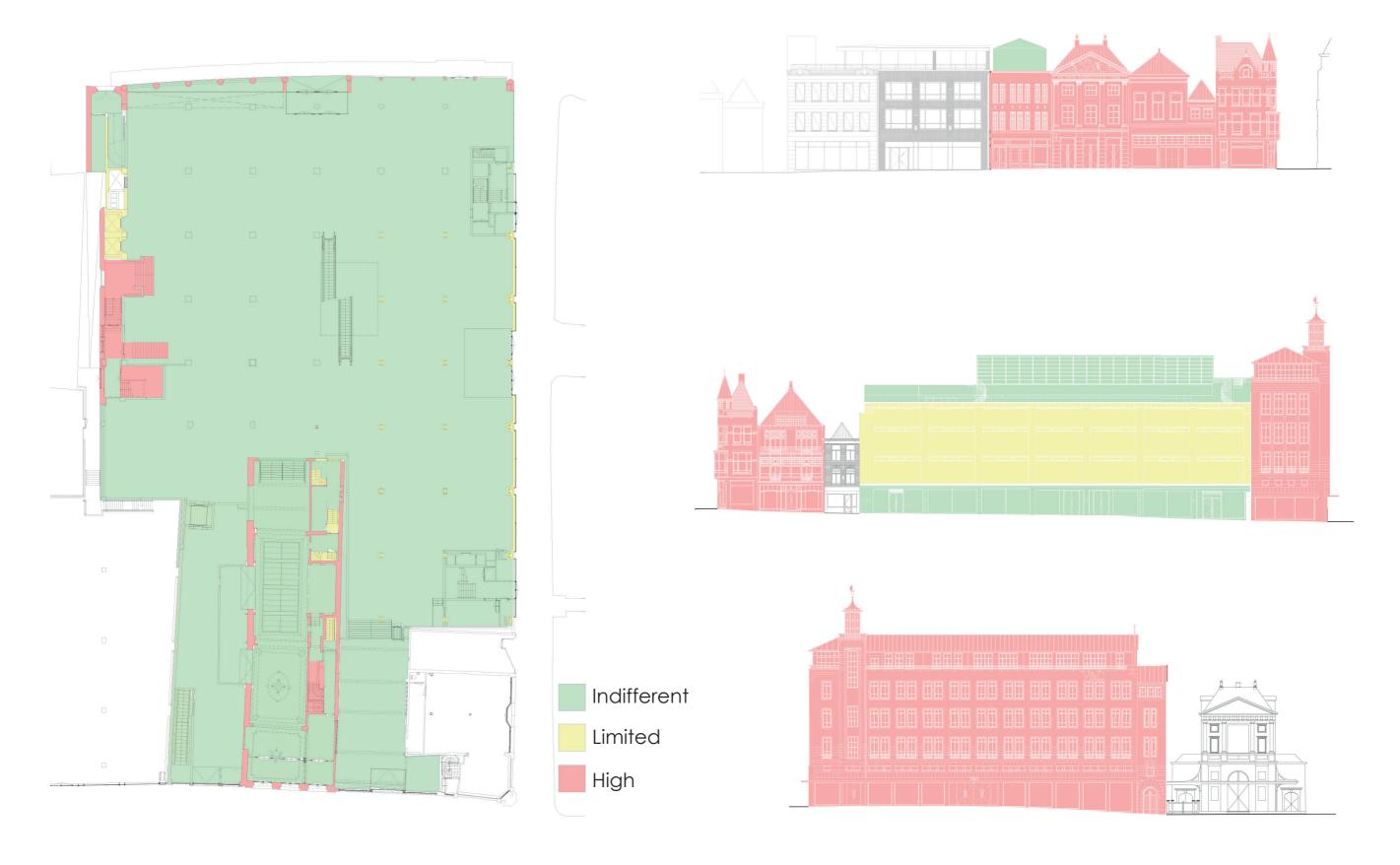
Values Layers	Age	Historical	Artistic	Commemorative	Use	Newness	Conflict	Nostalgic Value
Surrounding	The majority of the surrounding architectural landscape has been constructed before the 20th centruly, tracing back to the Dutch Golden Age.	Many monumental historic buildings. (Waag Building, Old Town Hall etc.)			The Asimarkt and the Breestraat are among the most commercial sheets of the city.		While urban parks inside the building blocks surround the building, very few are accessible and non of them easily tracable.	
Story		One of the stensions of the Vergulde Turk building were demolished during the 20th century.	There were many preliminary plans made by the architects that showed hesitation and doubt in the tower design.					
Site	The ste is composed of buildings from three different time periods. 1930s 1960s Before 1930	Historic traditional buildings that pre-exist- ed on the site was destroyed for the V&D building to be constructed.						
Structure	Old structure in the Breestraat buildings. Brick manny for walfs and wooden beams for supporting the floors. (Rough condition)				Reuccility of Steel Skeleton	Reinforced concrete columns and beams from the 1920's that are in good condition today.	On the southern part, the walks carry the vertical loads, while on the northern part these are mainly carried by columns.	
Space Plan					Existence of a large flexible open space.			
Skin		Well preserved facade of the historical "Vergude Turk" building on the Breestraat amplifies the urban block's history.			Showcare fivality openings can be re-used as large windows that provide for maximum views and daylight.			
Service			Beauful marble stairs of great aesthetic and artistic value.		Air based heating-cooling systems on the 4th floor are new and results.			
Stuff								
Spirit of the Place		Fireplaces could be re-used in the new pro- gramme of the building, (For example in the case the space will serve as accomodation.)	Phrases on the windows reminding people of the former use of the building as a department store. Commonwealth Commonwealt					The "Vroom en Dreesmann" logo still visible on the front facade of the building creating nostalgia to the citizens of Leiden.

Main Values:

(Story - Historical) The **demolished Extension and Roof** of one of the historic buildings (Vergulde Turk) and **Van der Laan's demolished facade towards the Vispoort.**

(Structure - Use) **Reusability of the Steel structure** of the 1967 part of the building.

(Skin - Artistic) **Craftsmanship** in the facade facing the Aalmarkt



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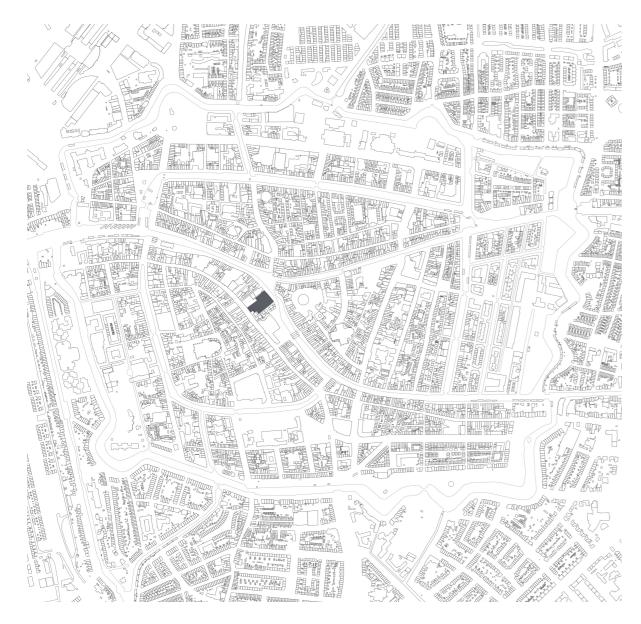
Part 2. The Programme

What are appropriate uses responding to the needs and qualities of the area and Leiden in general?

What can the building mean for the people of Leiden?

Analysis on two scales:

Programme



The City



The Area

Holland City



Leiden as part of the HollandCity Tourism campaign set by the government, which aims at distributing tourism from Amsterdam to the rest of the country.



City Scale: Needs



Large building objects and Uses:



Housing

Offices - Startups

Retail

Logistics

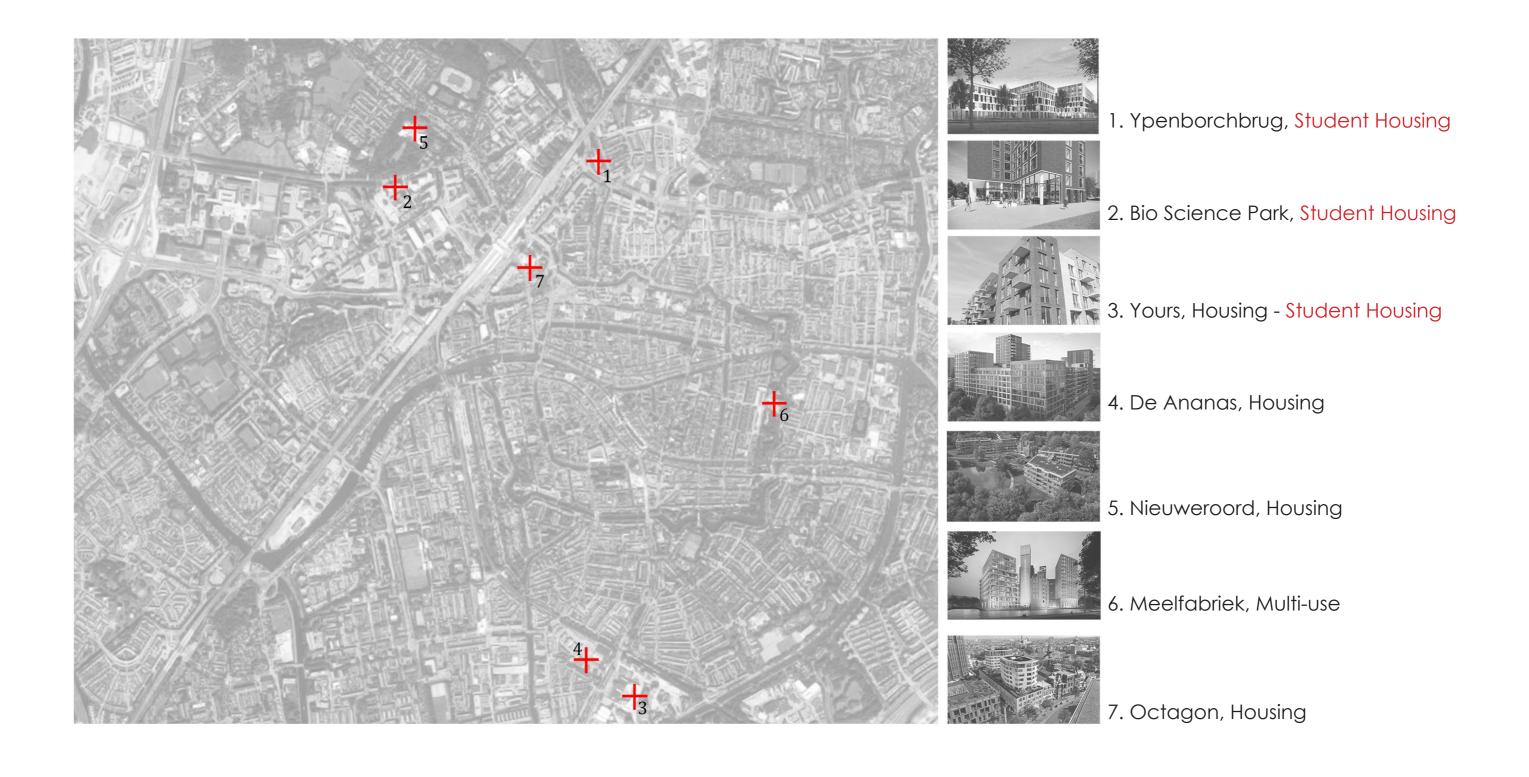
Manufacturing

Municipal Services

Religious Buildings

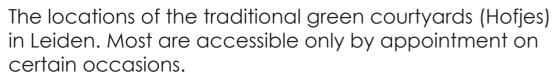


City Scale: Needs











Sint Anna Aalmoeshuis



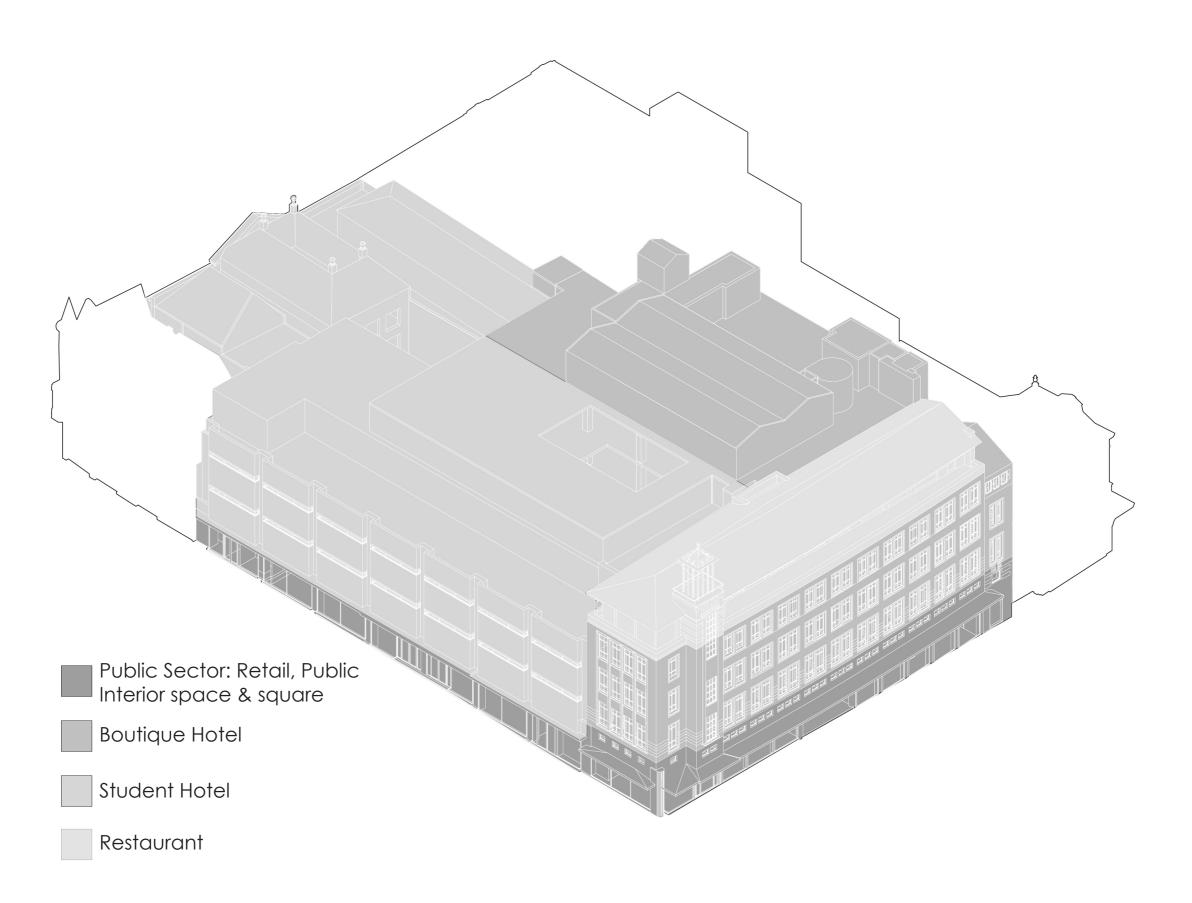
Loridanshofje

Hofjes further contribute to the greening of the urban environment.

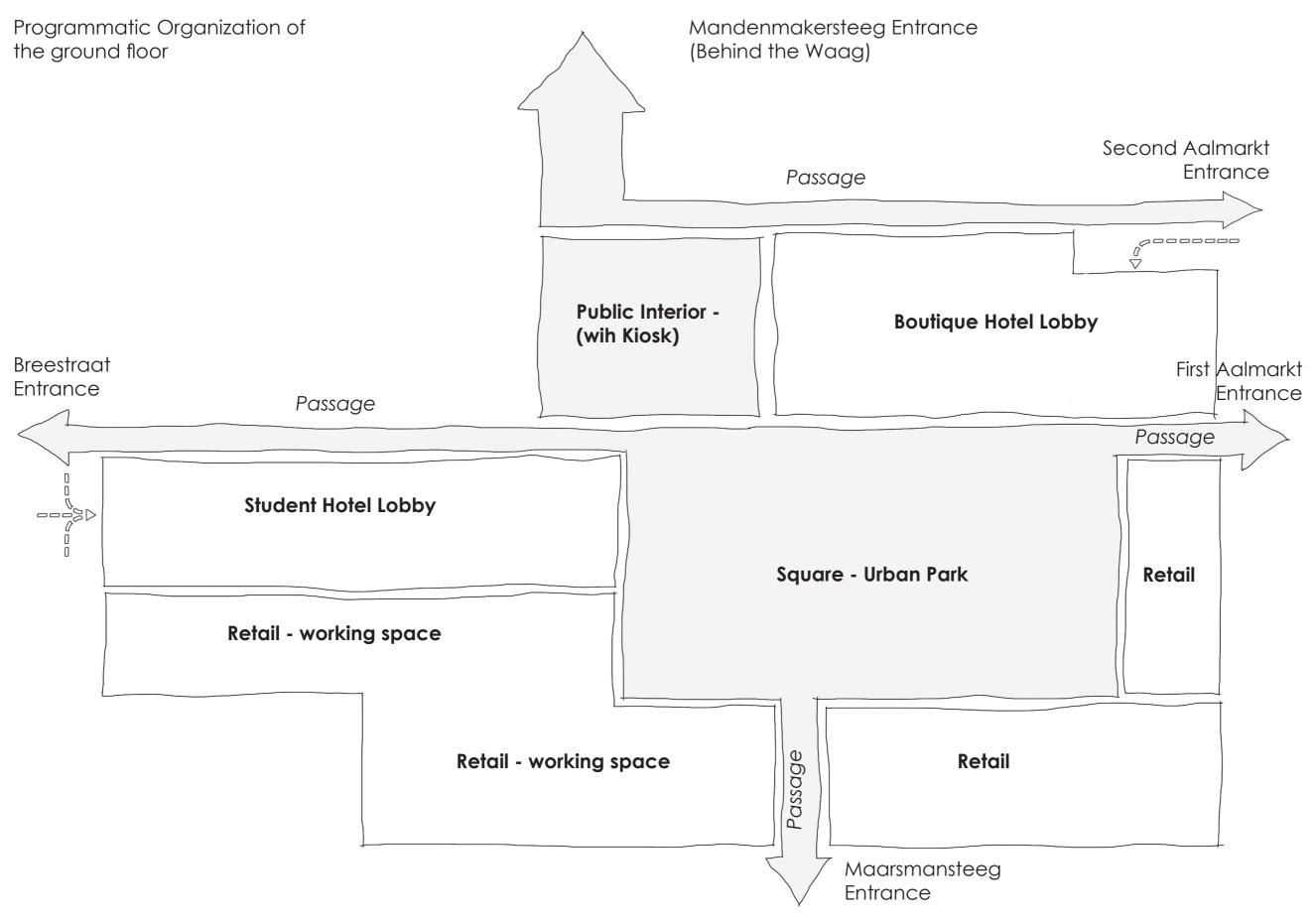
They offer peace in the advancing commercialization of public space. The courtyards can also serve as "hidden treasures" and thus provide the variety that gives a city quality. The sophistication with which new courtyards open up to their environment is decisive for a successful design. Courtyards will continue to offer a compact form for urban construction projects for the coming decades. We will see that the courtyard can naturally conform to the task of reconstructing pieces of the existing city.

Willemijn Wilms Floet Het Hofje Bouwsteen van de Hollandse Stad 1400-2000 (pg. 28)



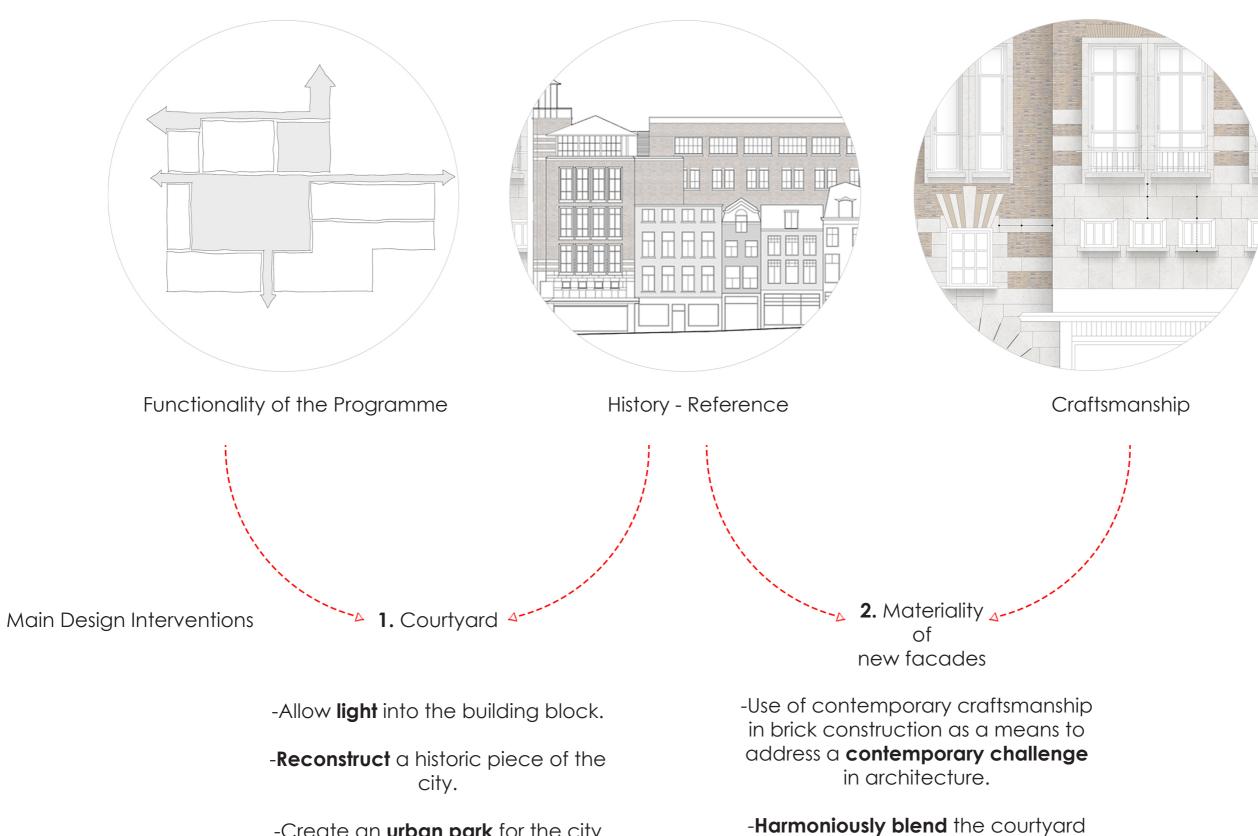


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Part 3. The Design

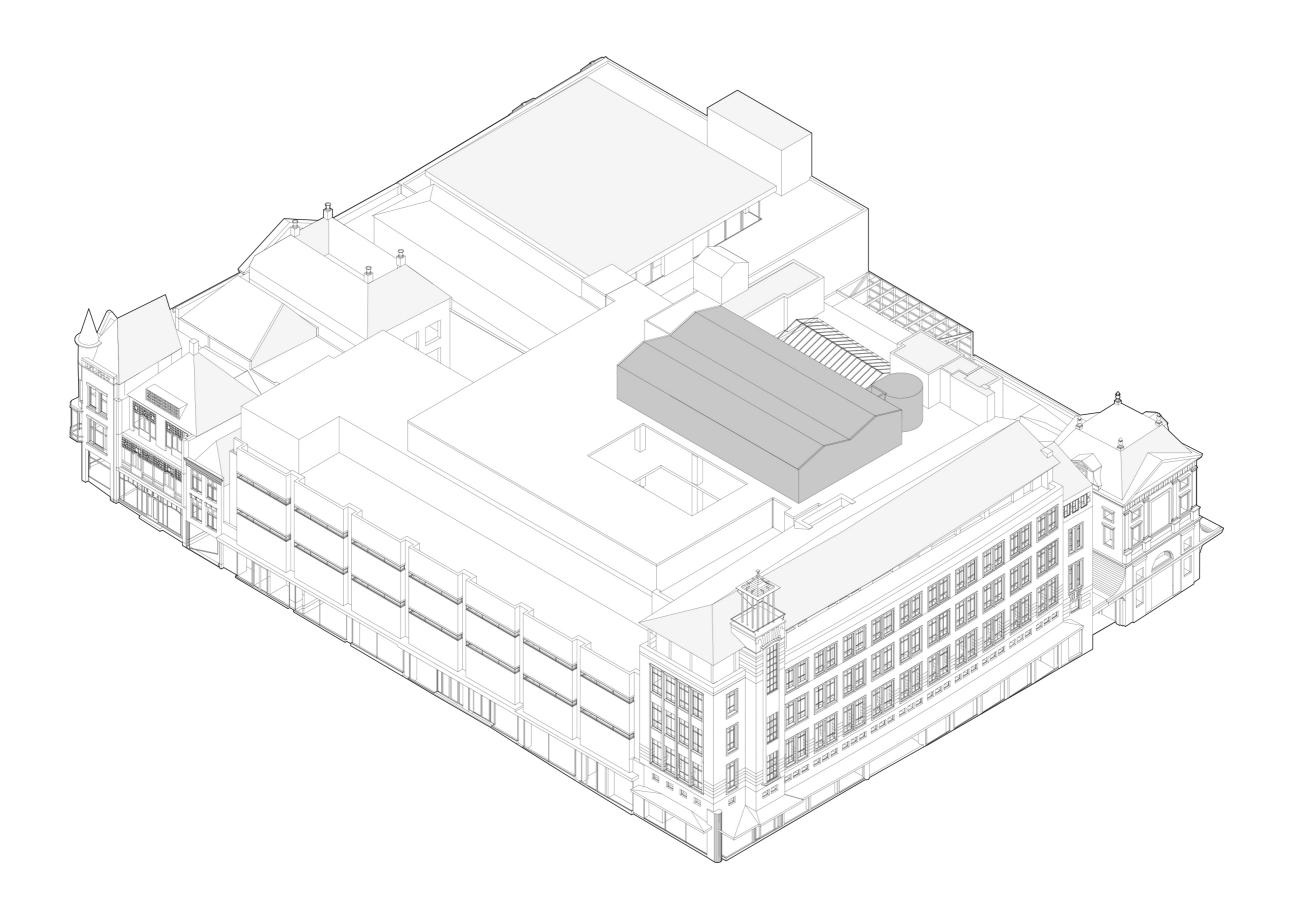
Design Starting Points

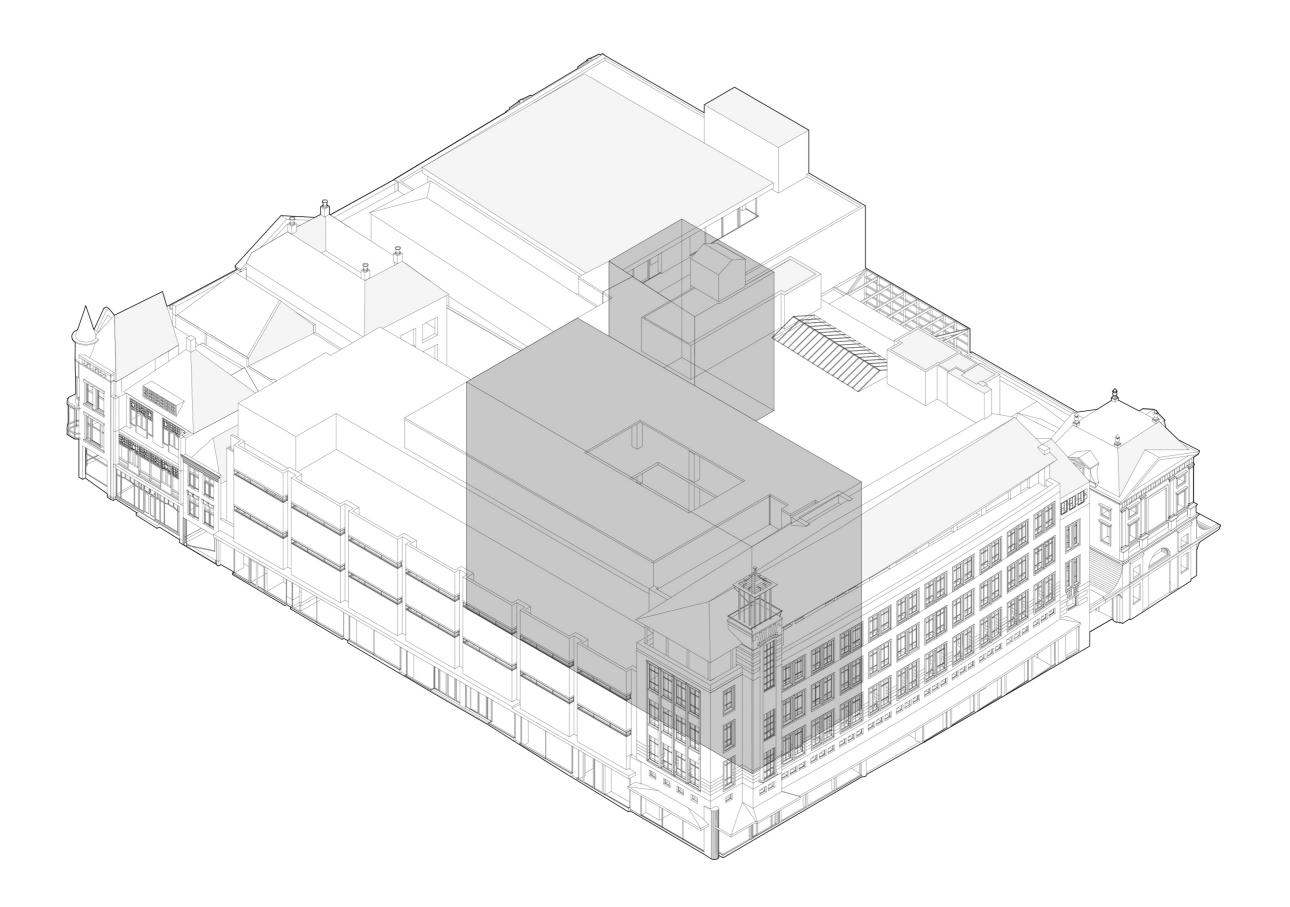


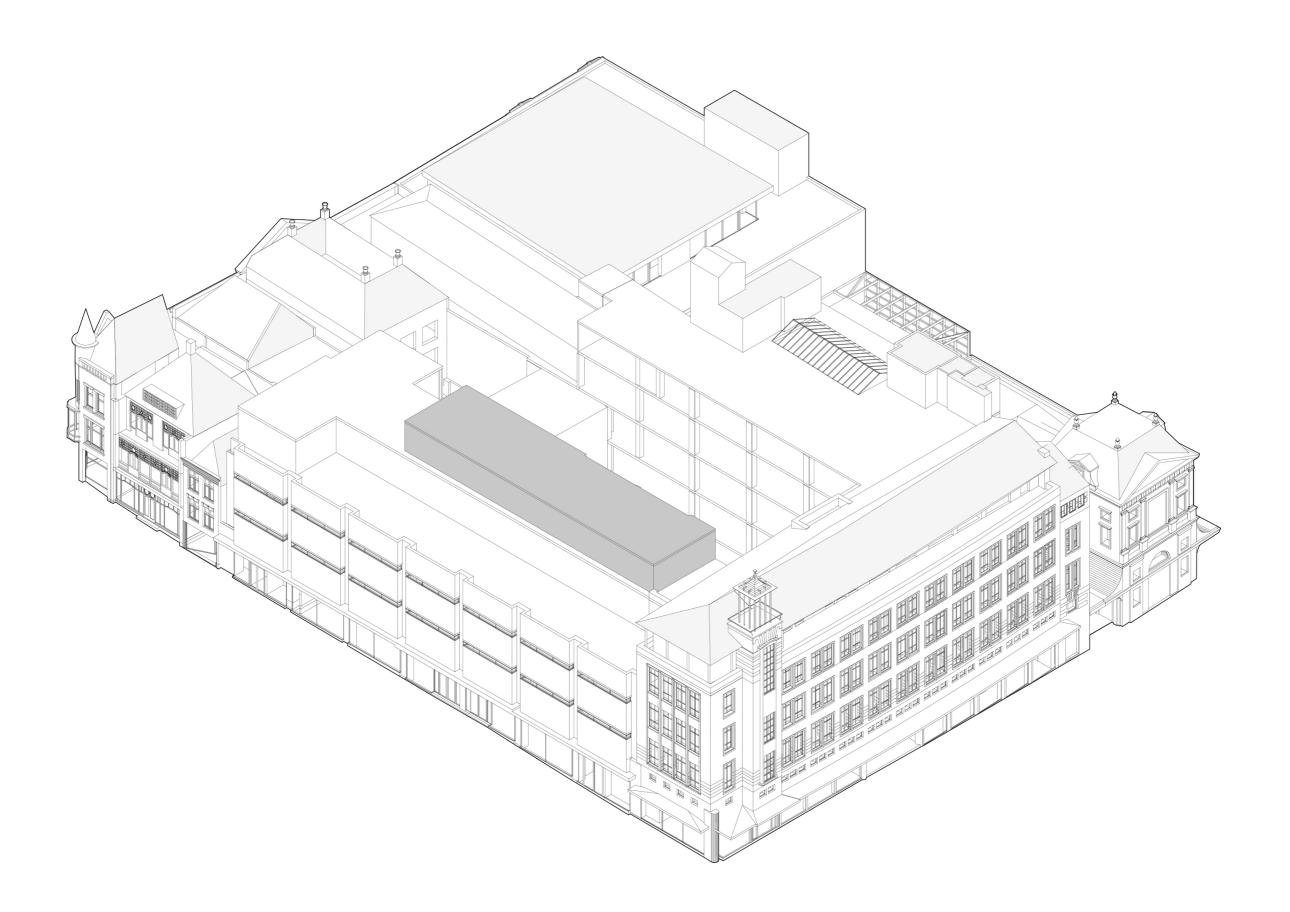
-Create an **urban park** for the city

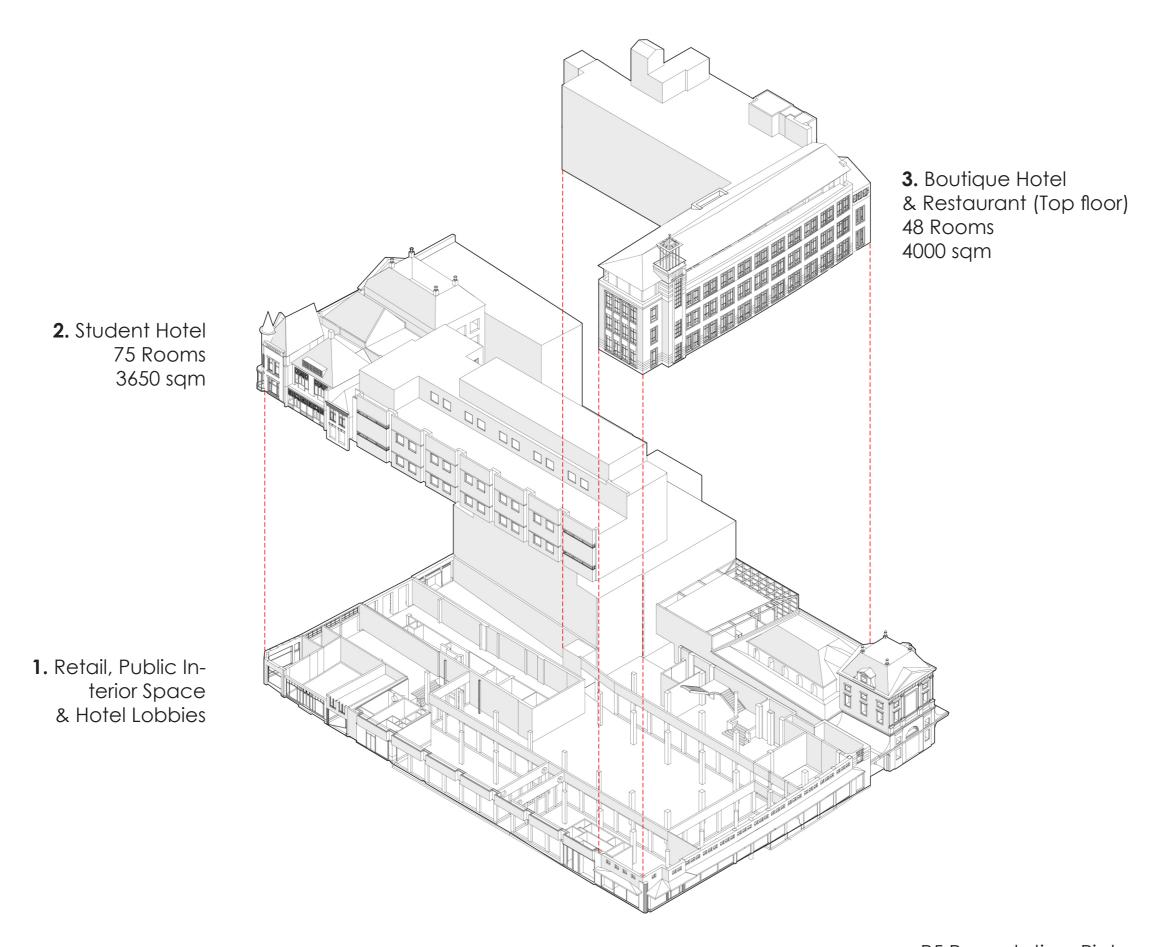
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with the existing architecture of the block.









Reduce Reuse Recycle

Architecture as Resource German Pavilion 13th International Architecture Exhibition La Biennale di Venezia 2012 Edited by Muck Petzet / Florian Heilmeyer

Heritage Approaches:

REDUCE Perception Behavior Constant

REUSE Renovation Conversion Infill

Redesign

Renewal of an existing structure in which the design of the new includes formal references to the 'original'.

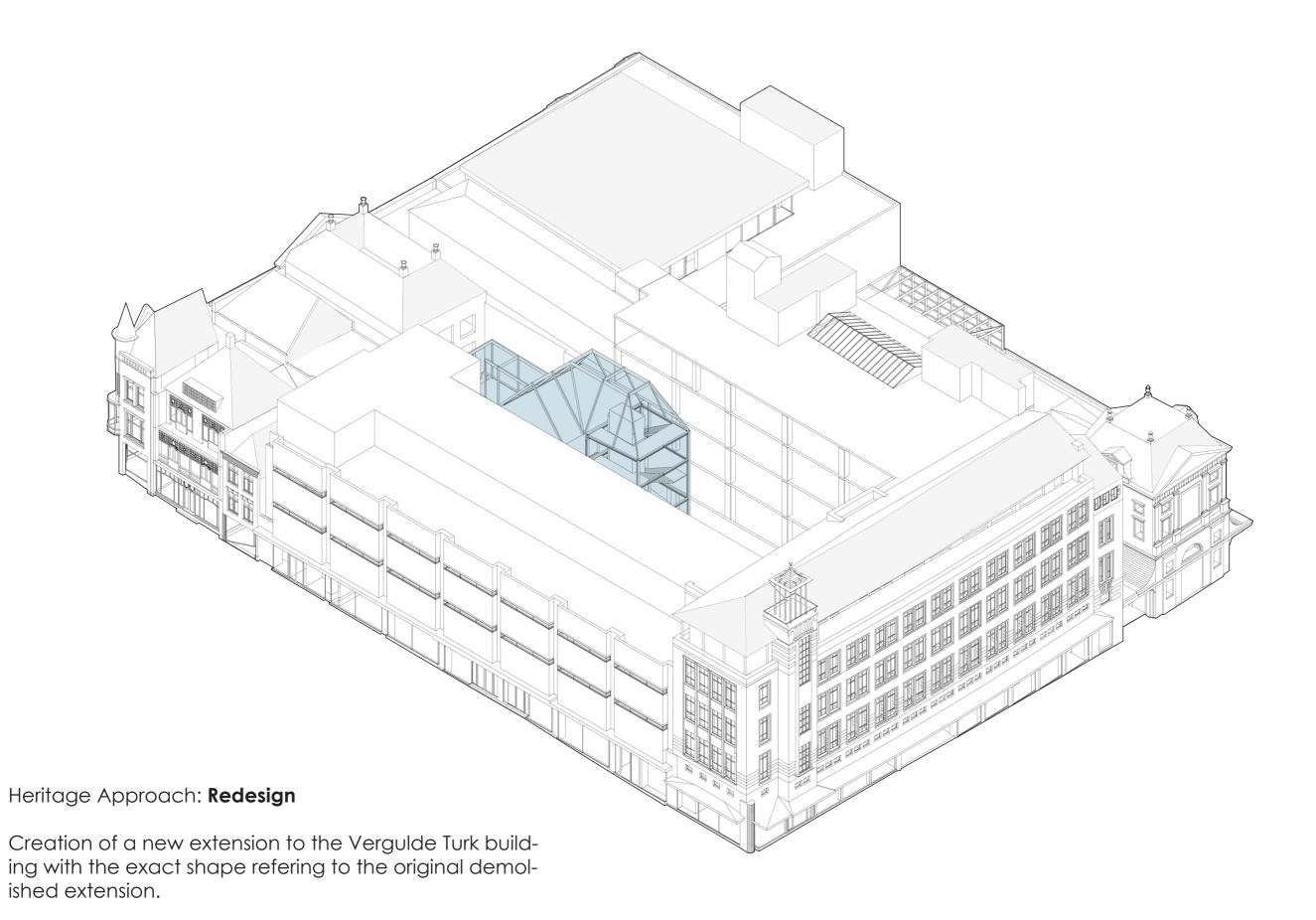
> Subtraction Addition

RECYCLE Material Recycling

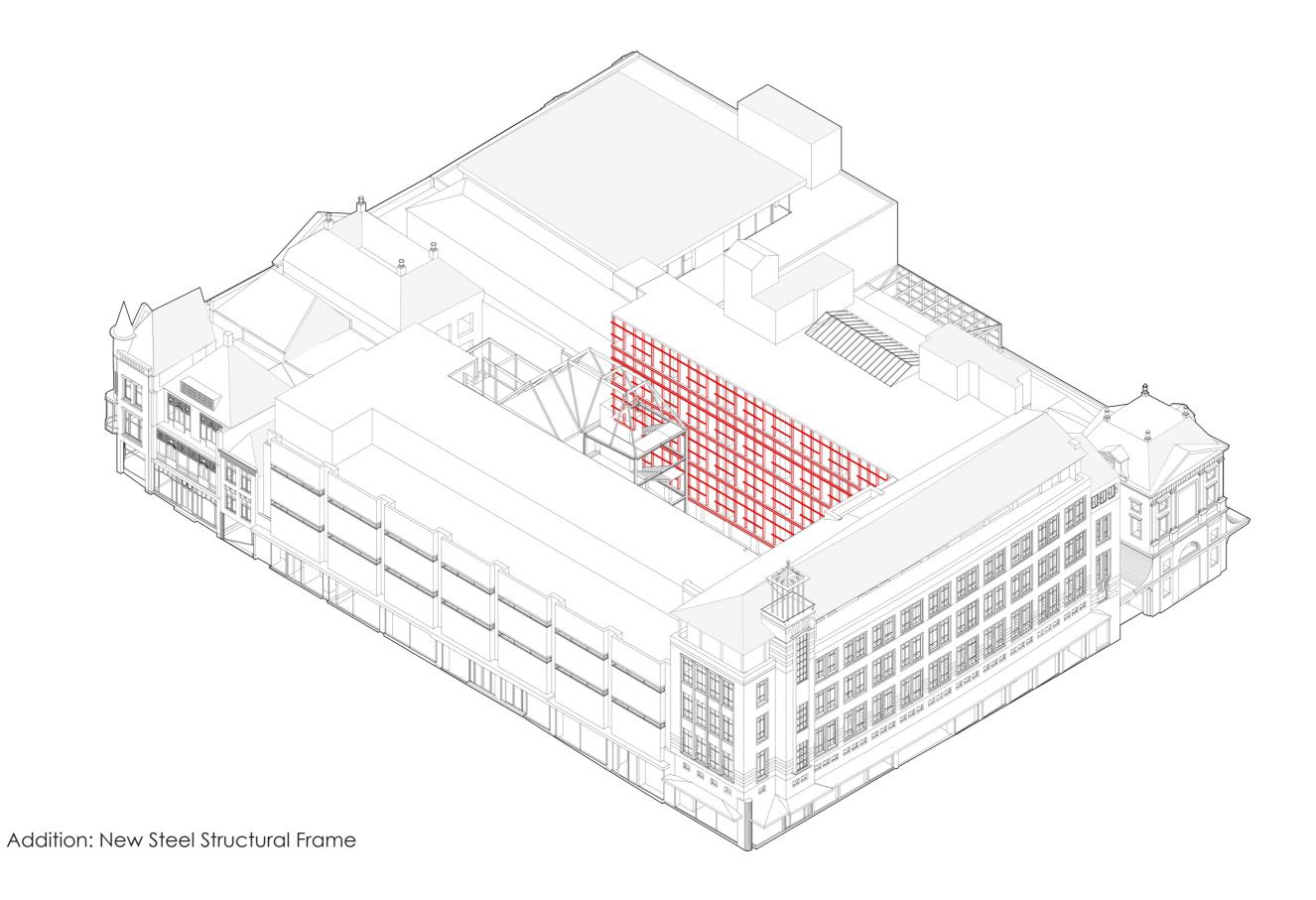
Gestalt Recycling

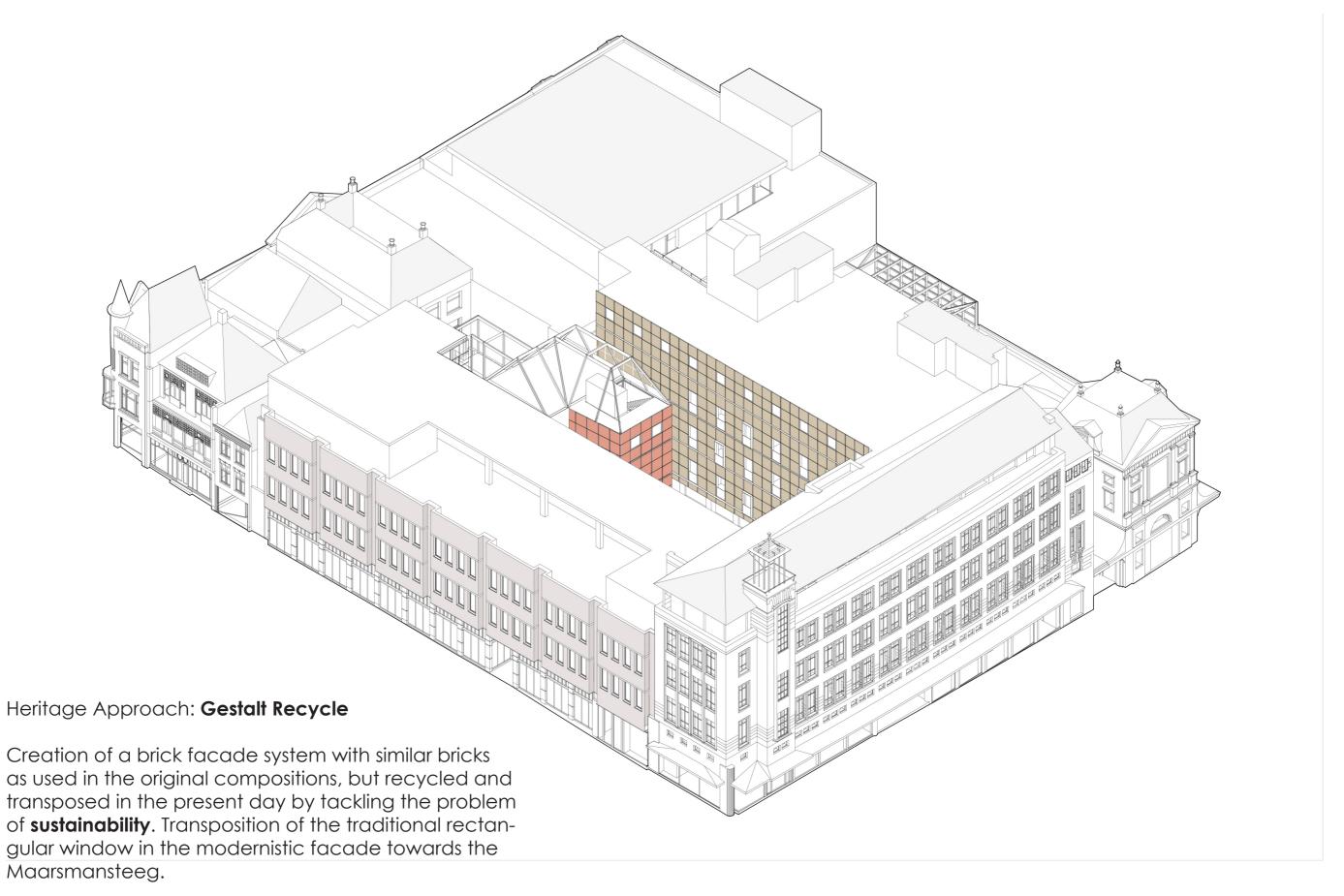
The imagined or actual design of an existing structure can be reproduced and reused, while historical and traditional typologies and designs can be recycled by transposing them into the present day context.

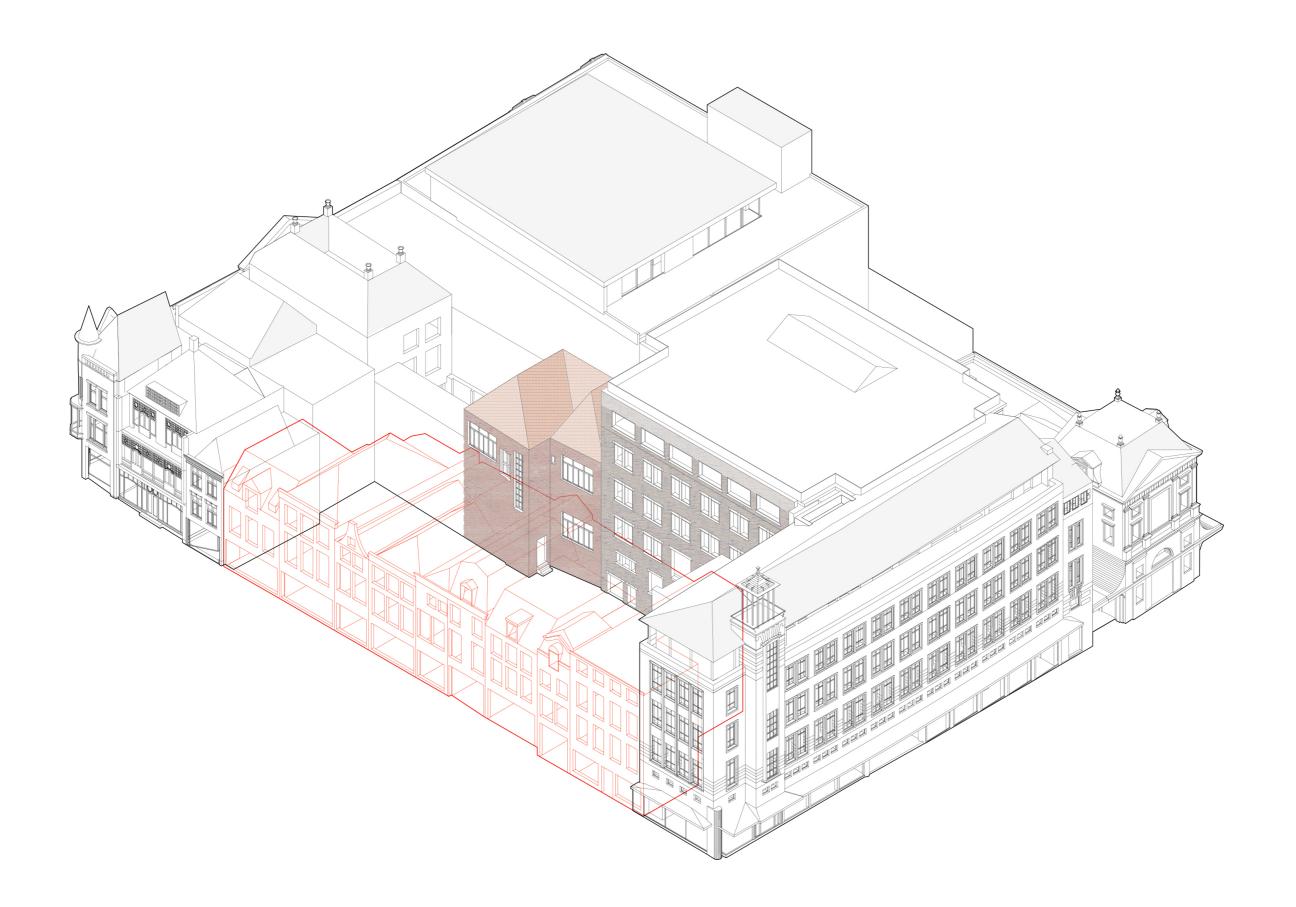


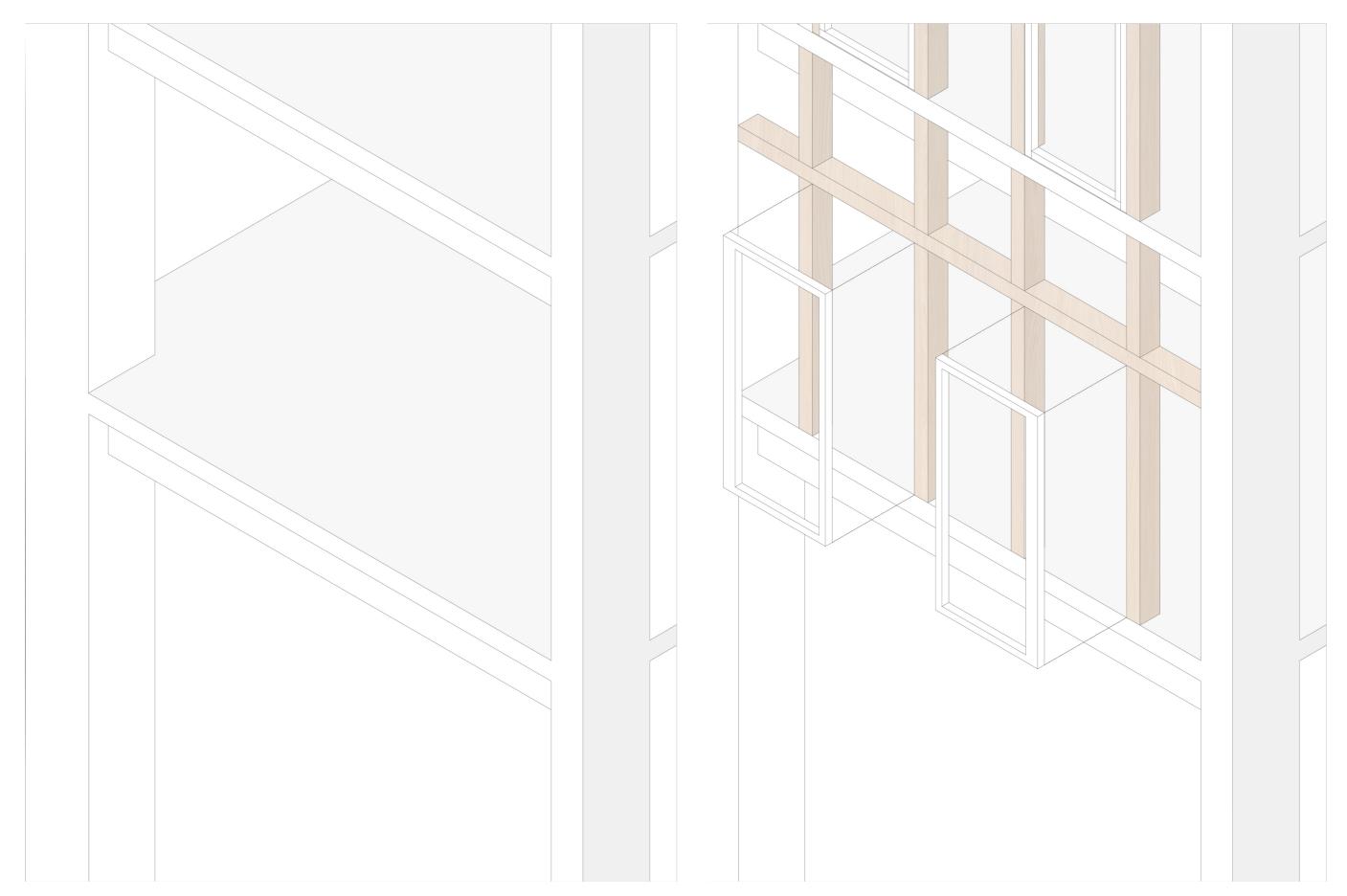


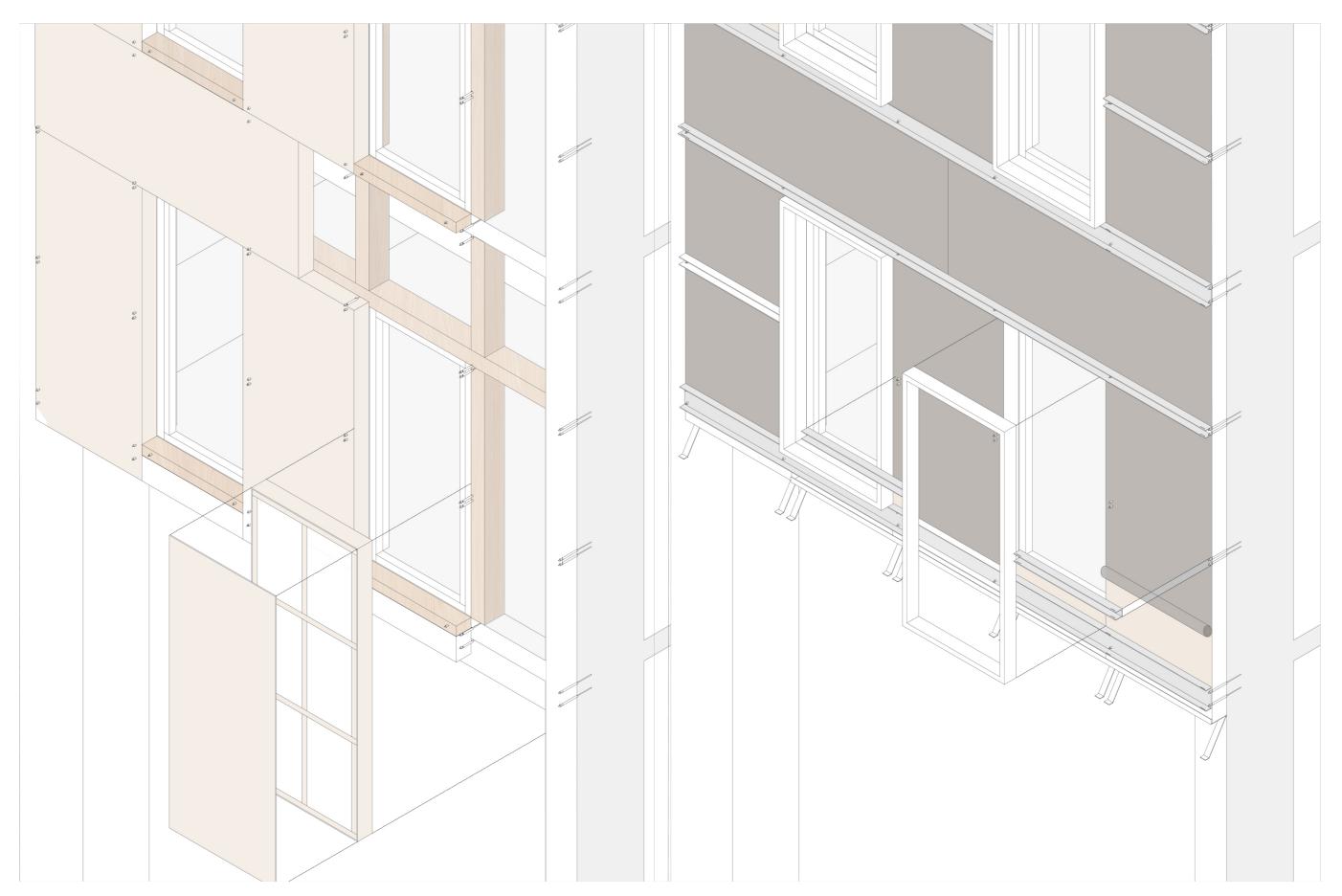
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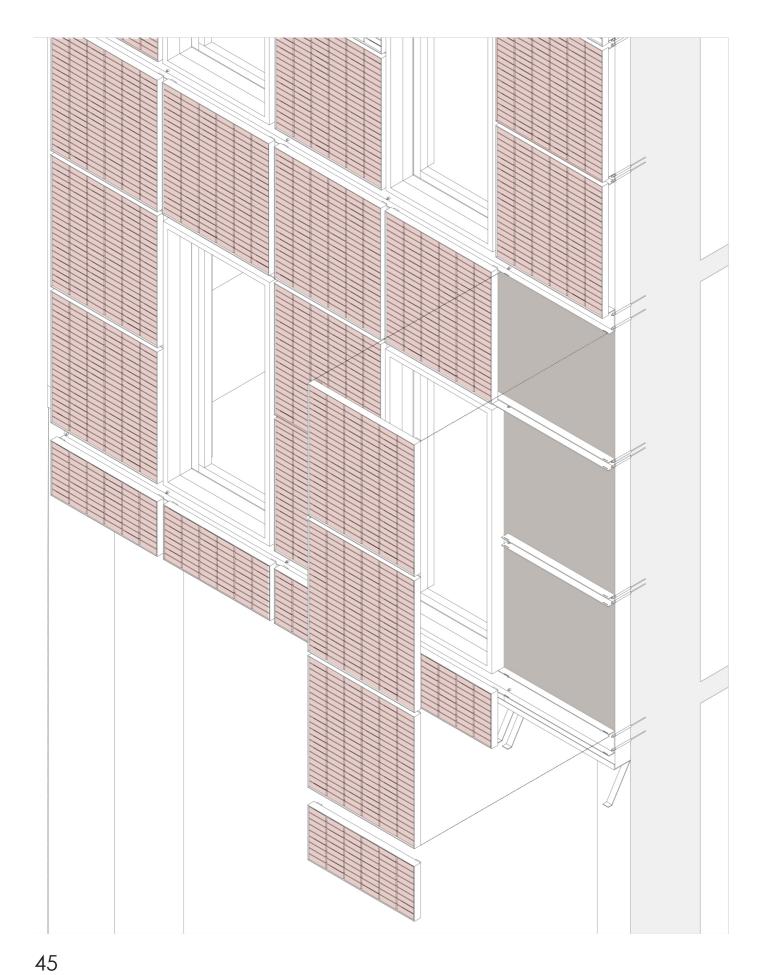


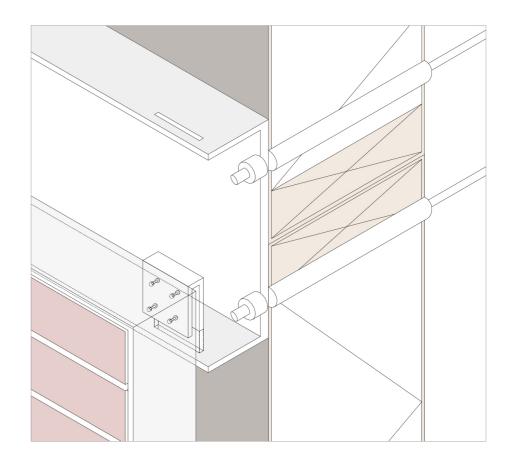


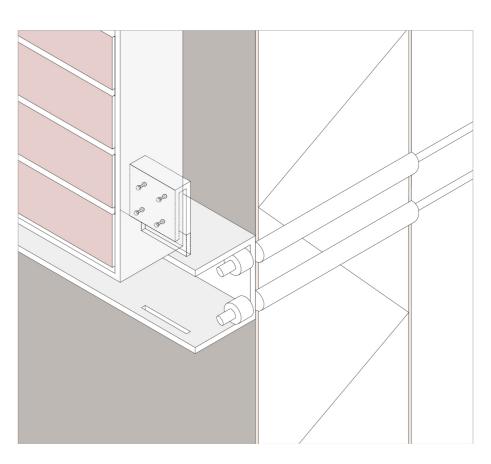




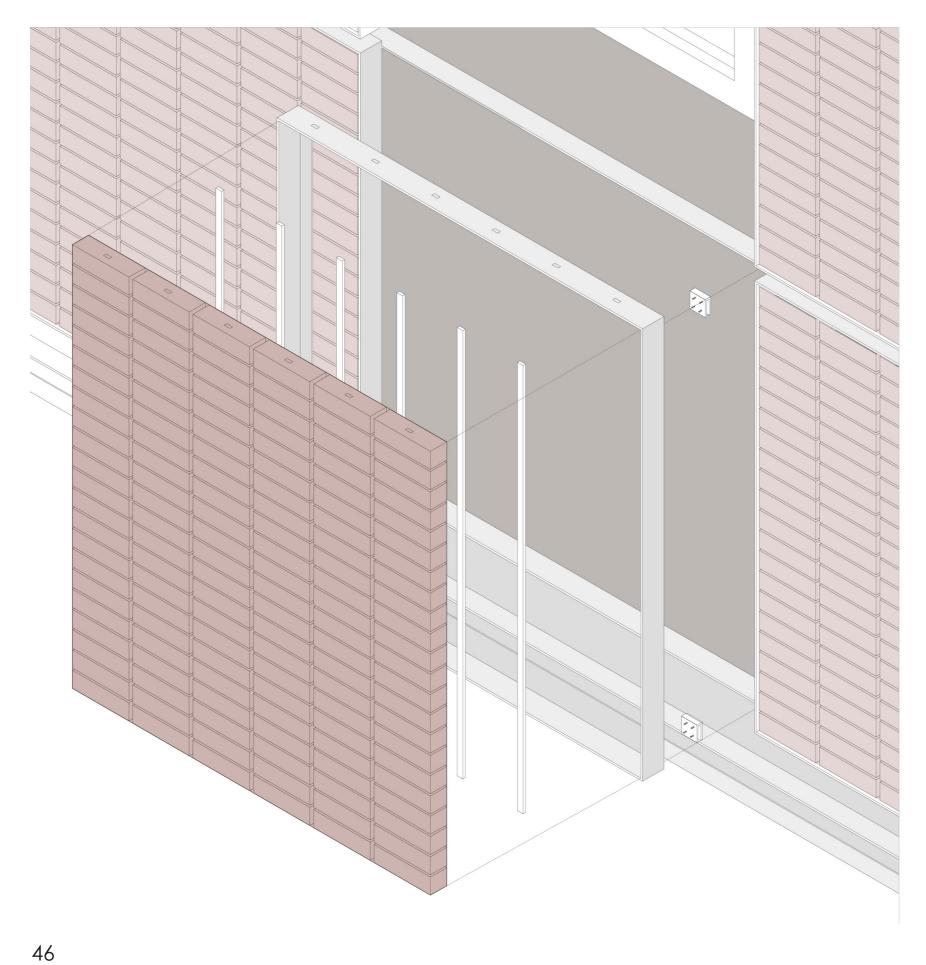
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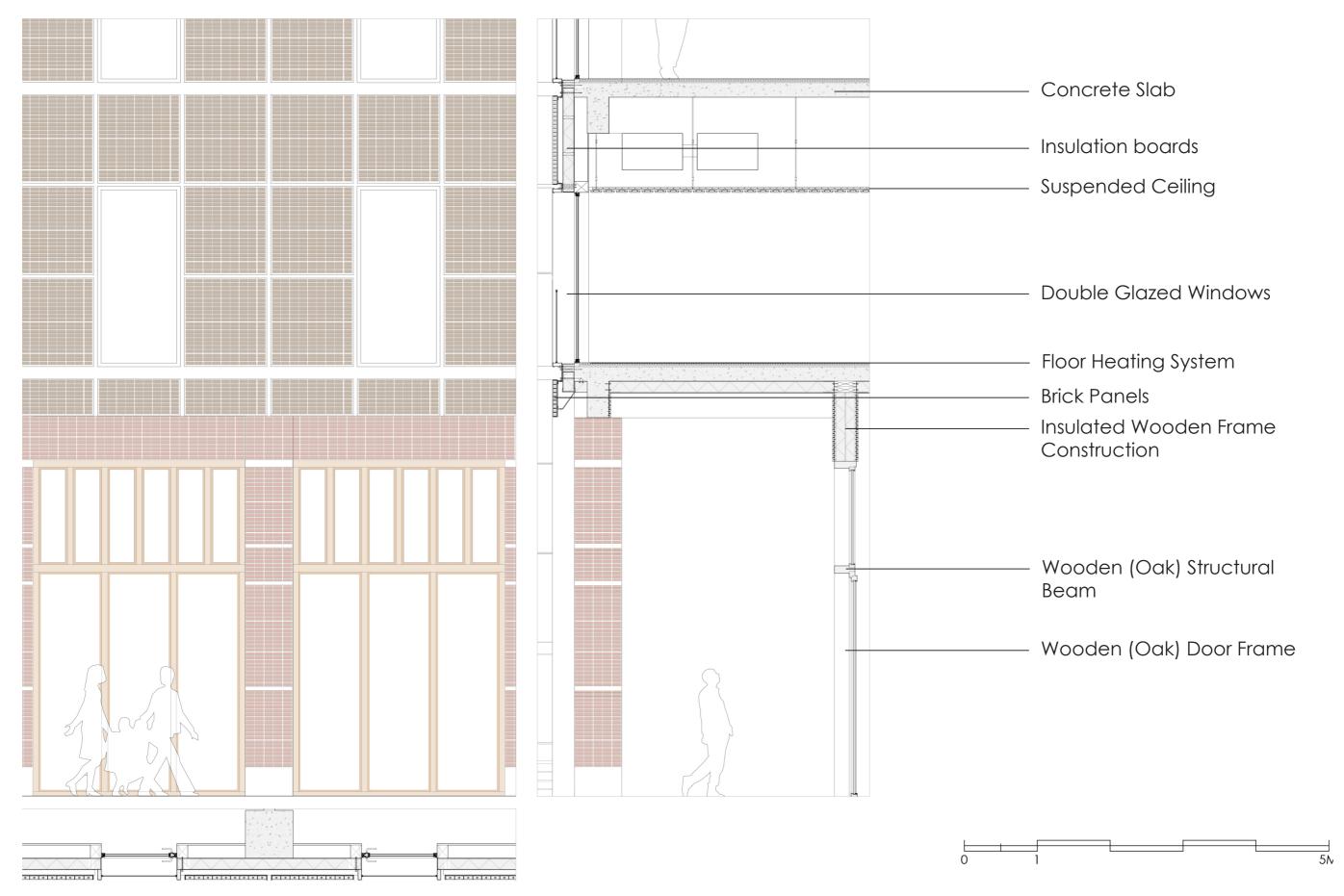




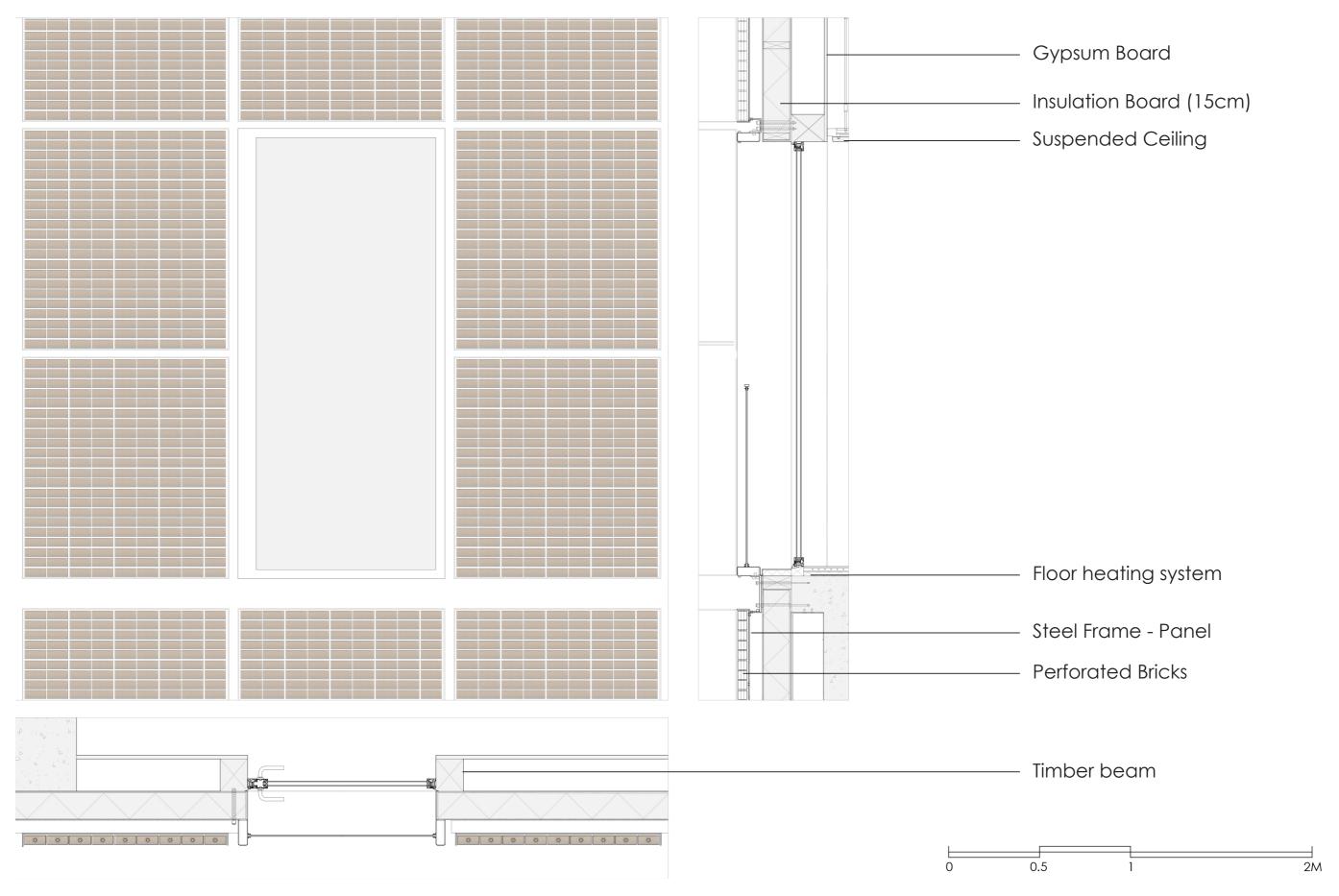


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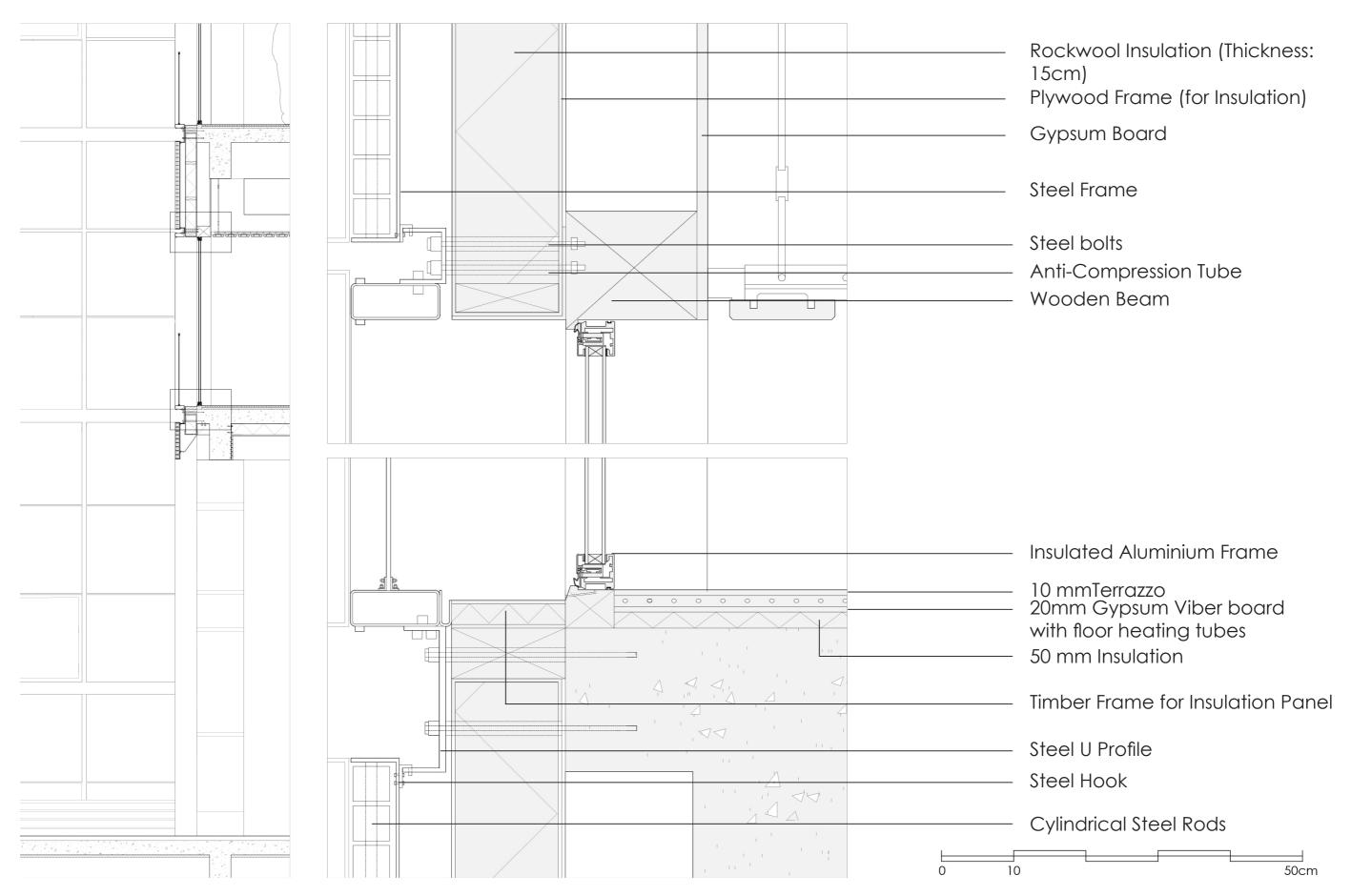




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New impression of the Maarsmansteeg after the creation of new openings in the 1960's facade.



Physical Model: Light-shadow study of the courtyard



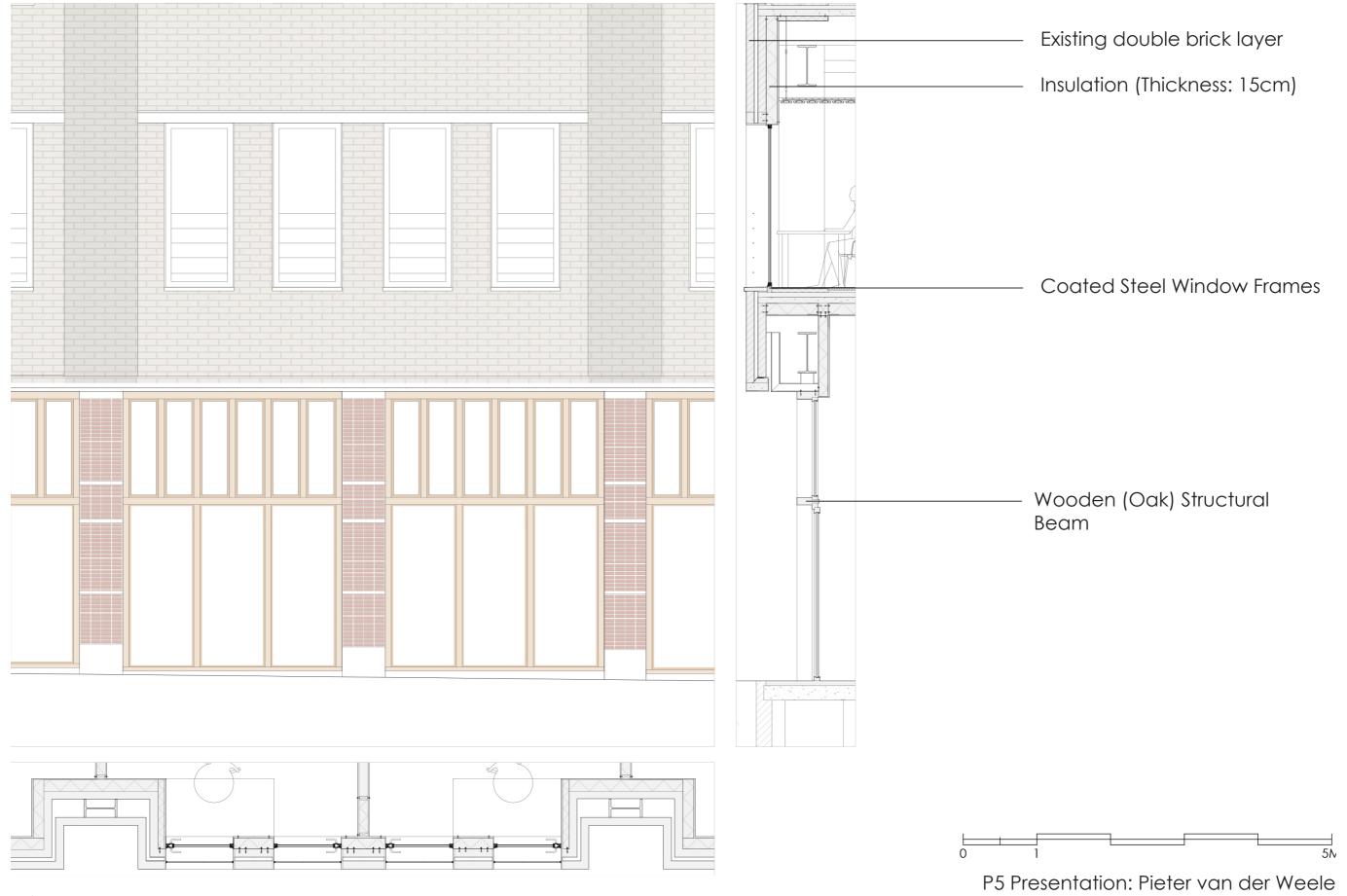


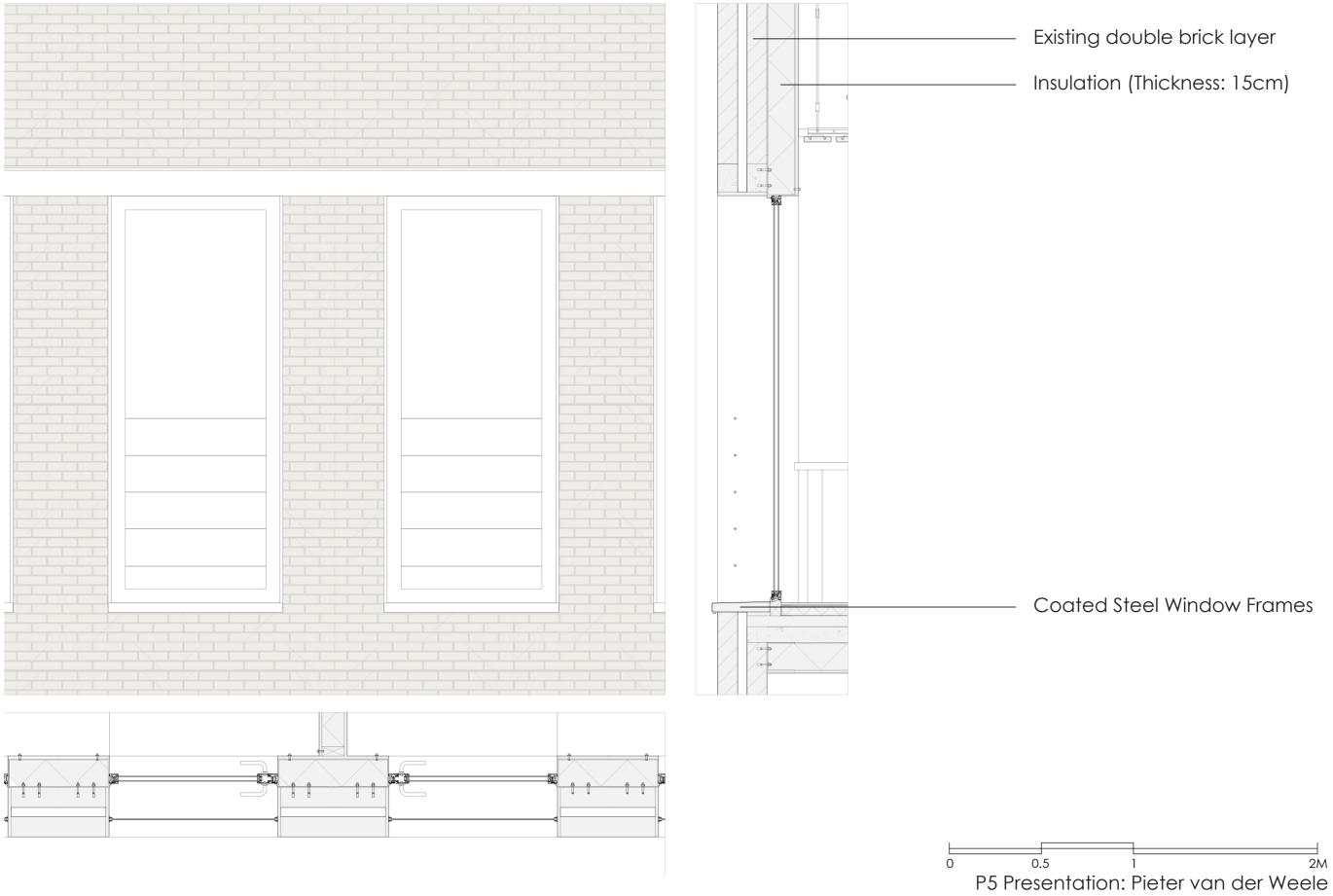
Physical Model: Light-shadow study of the courtyard

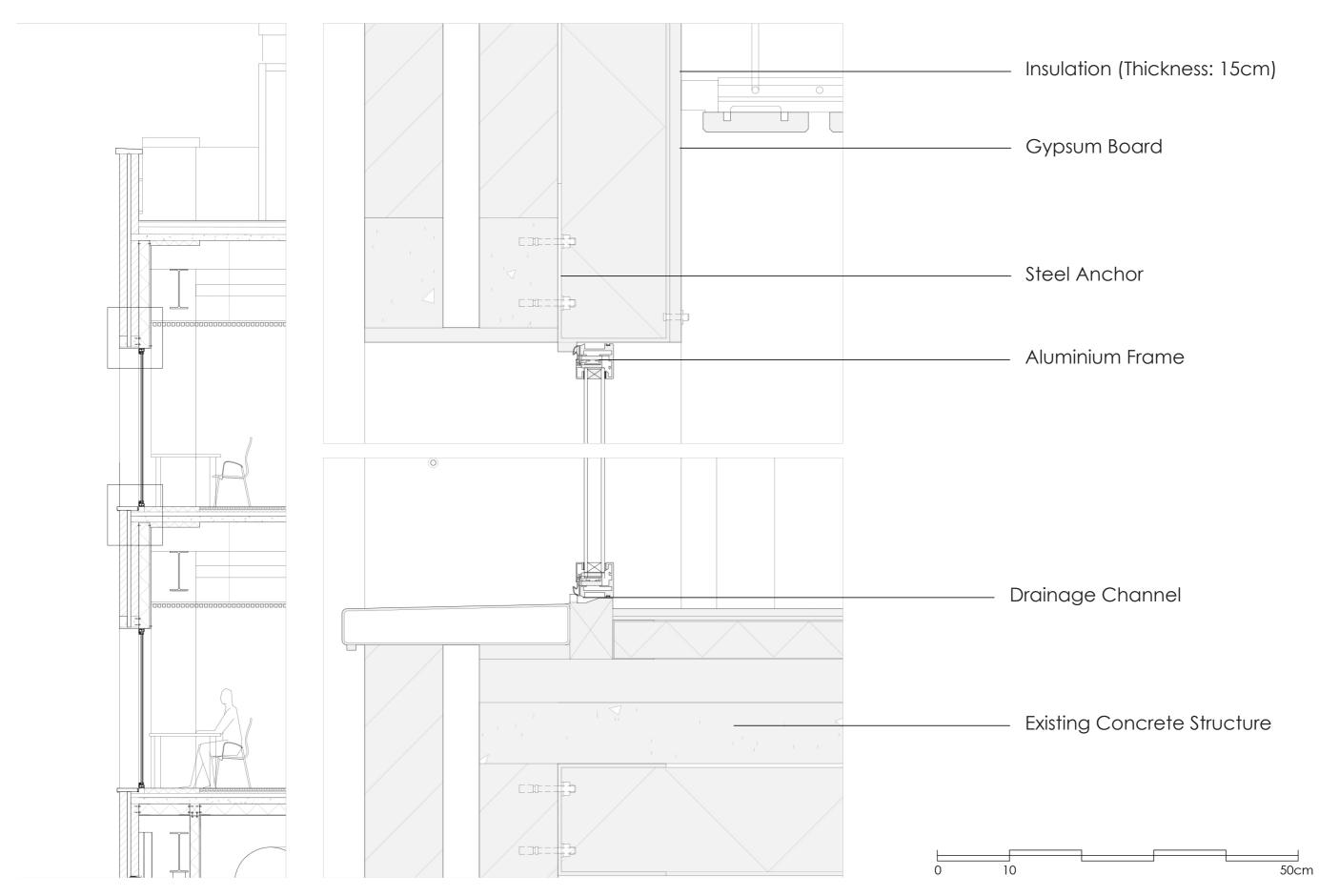


Physical Model: Light-shadow study of the courtyard

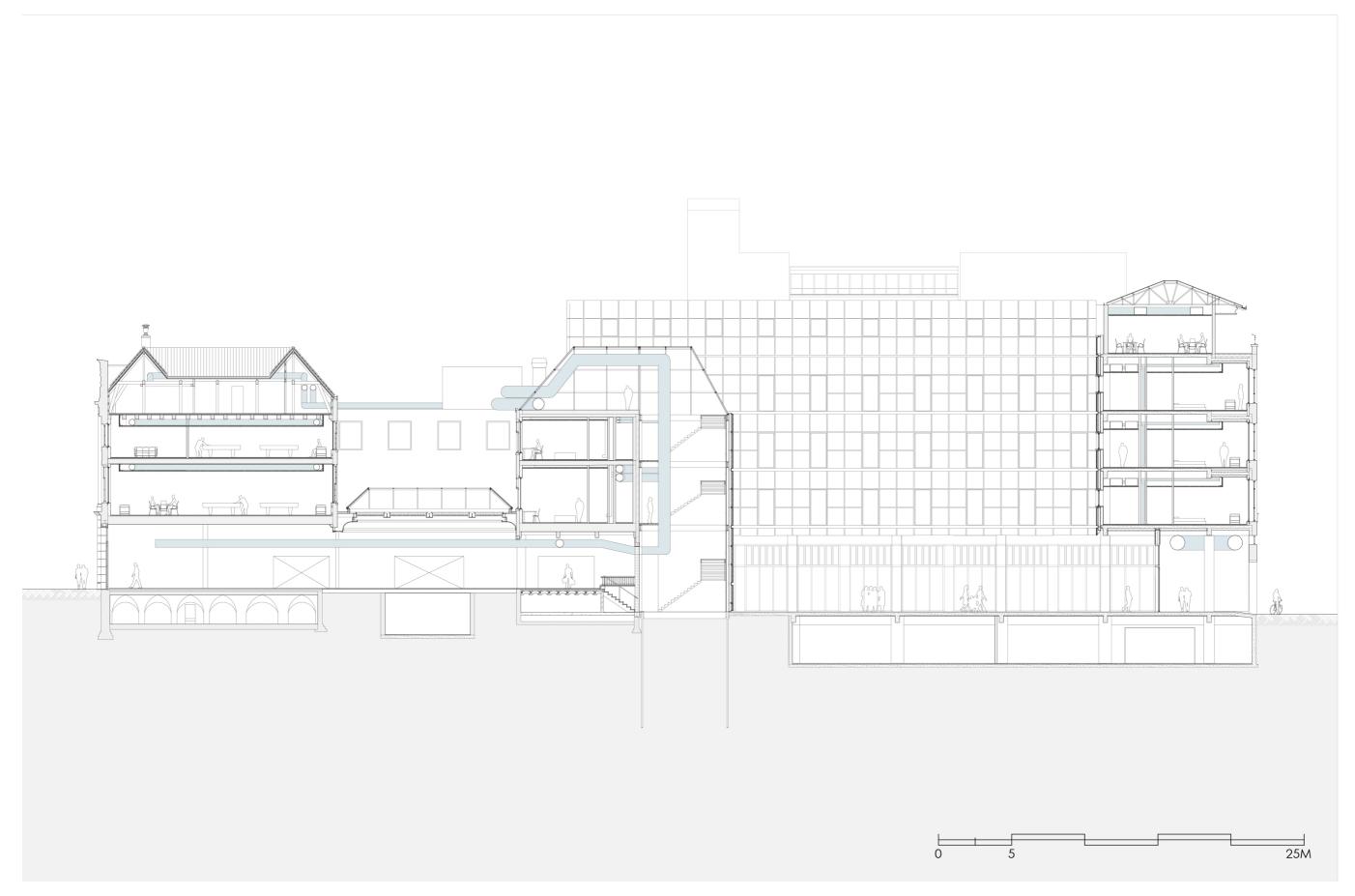




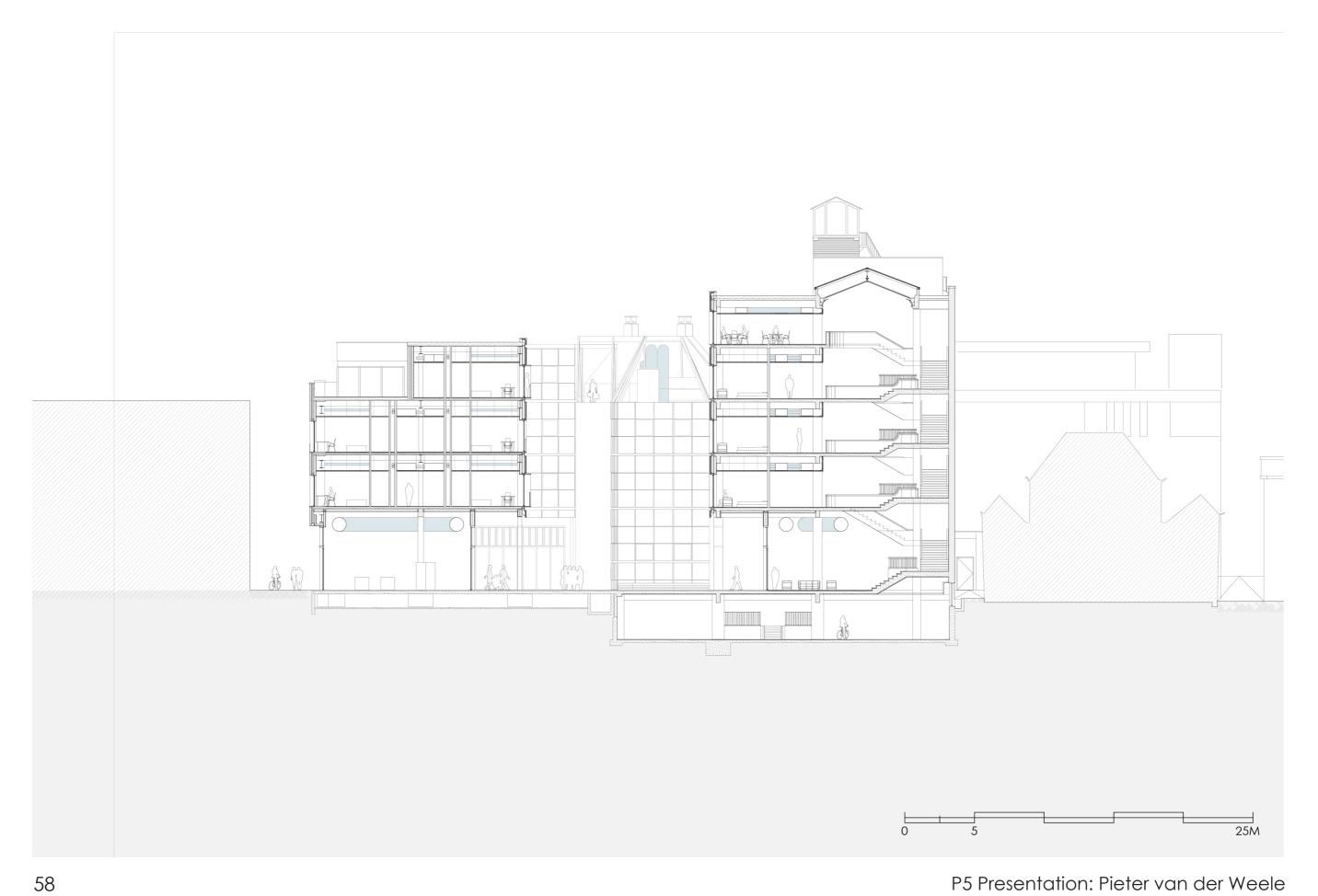


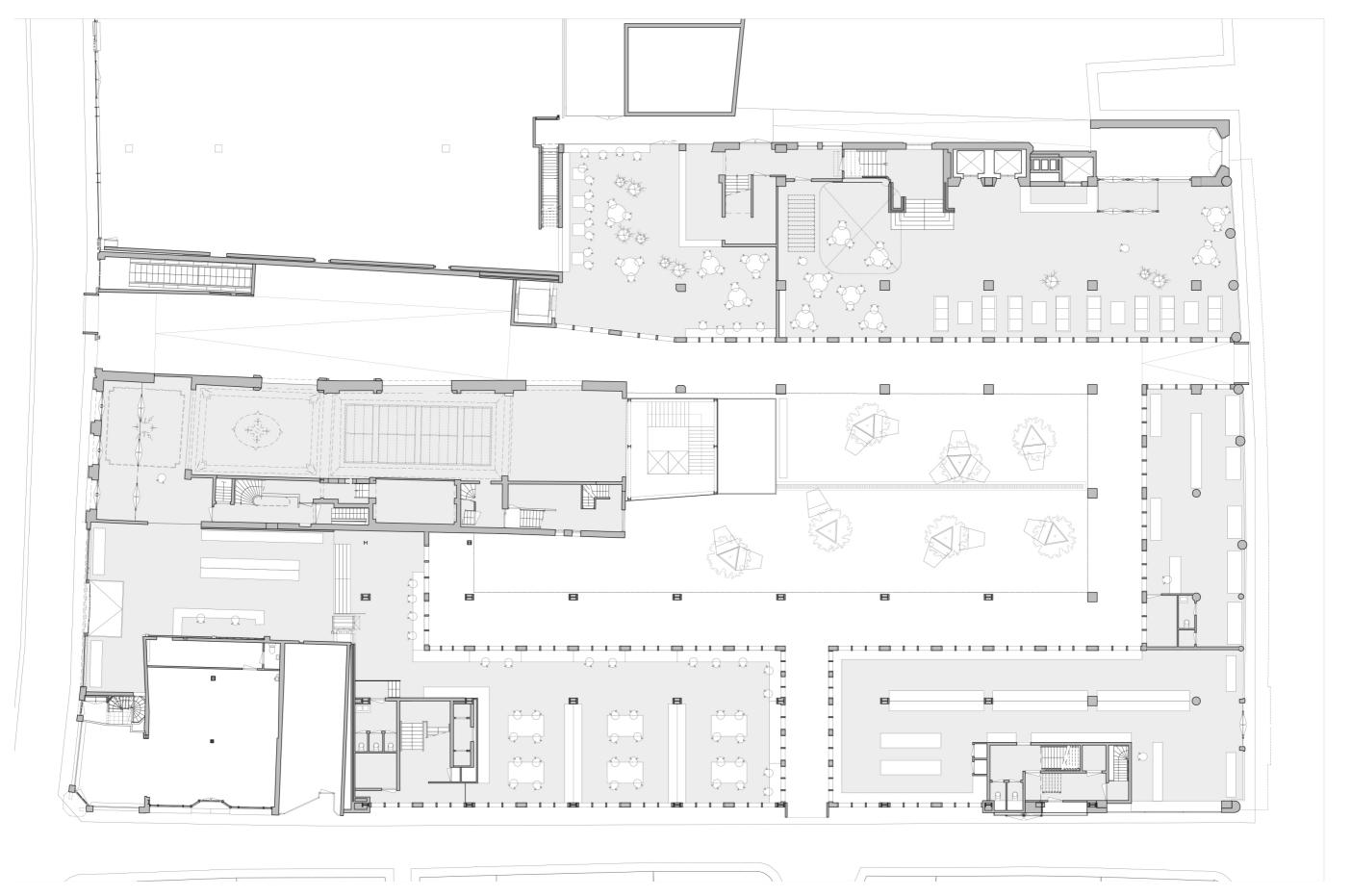


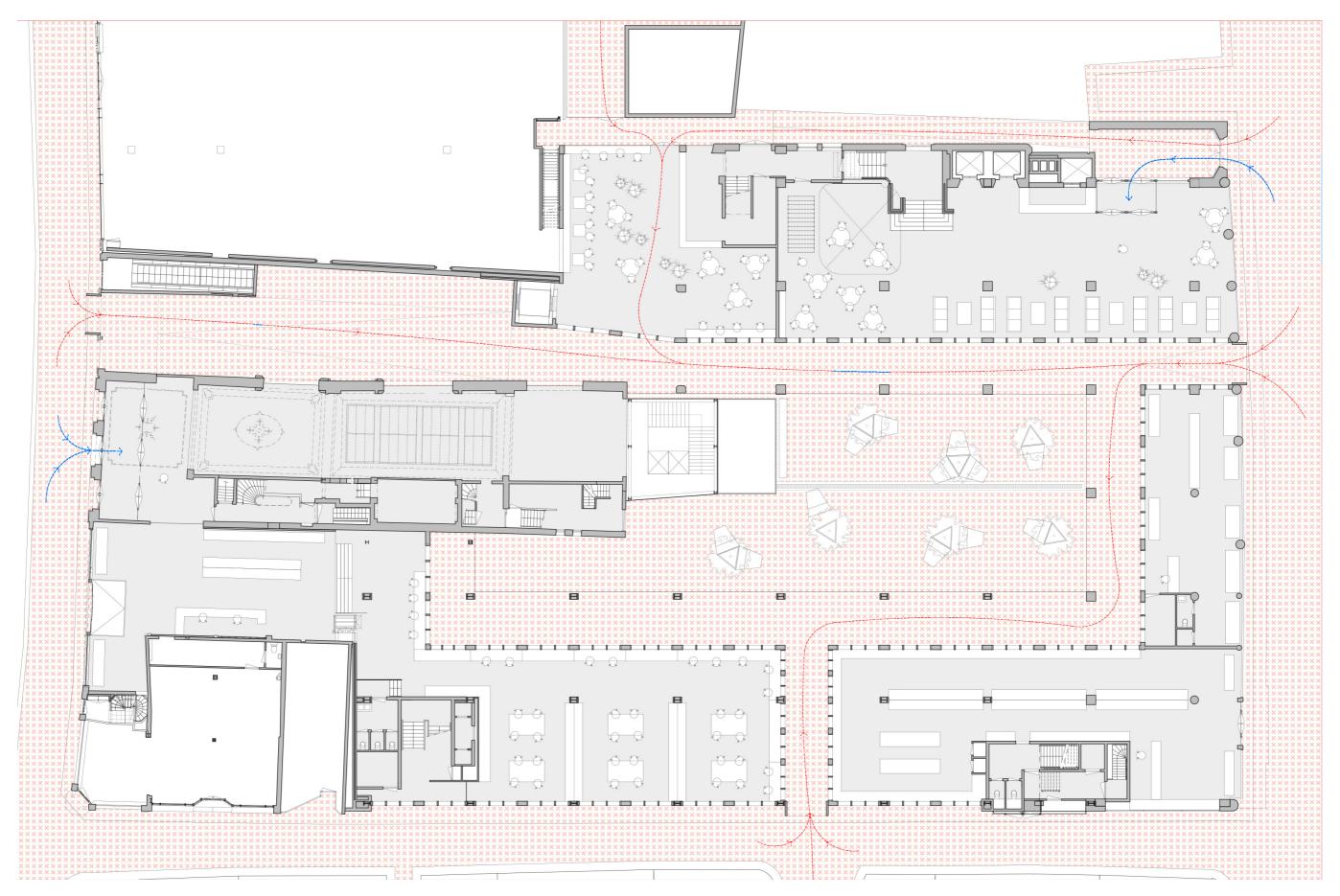
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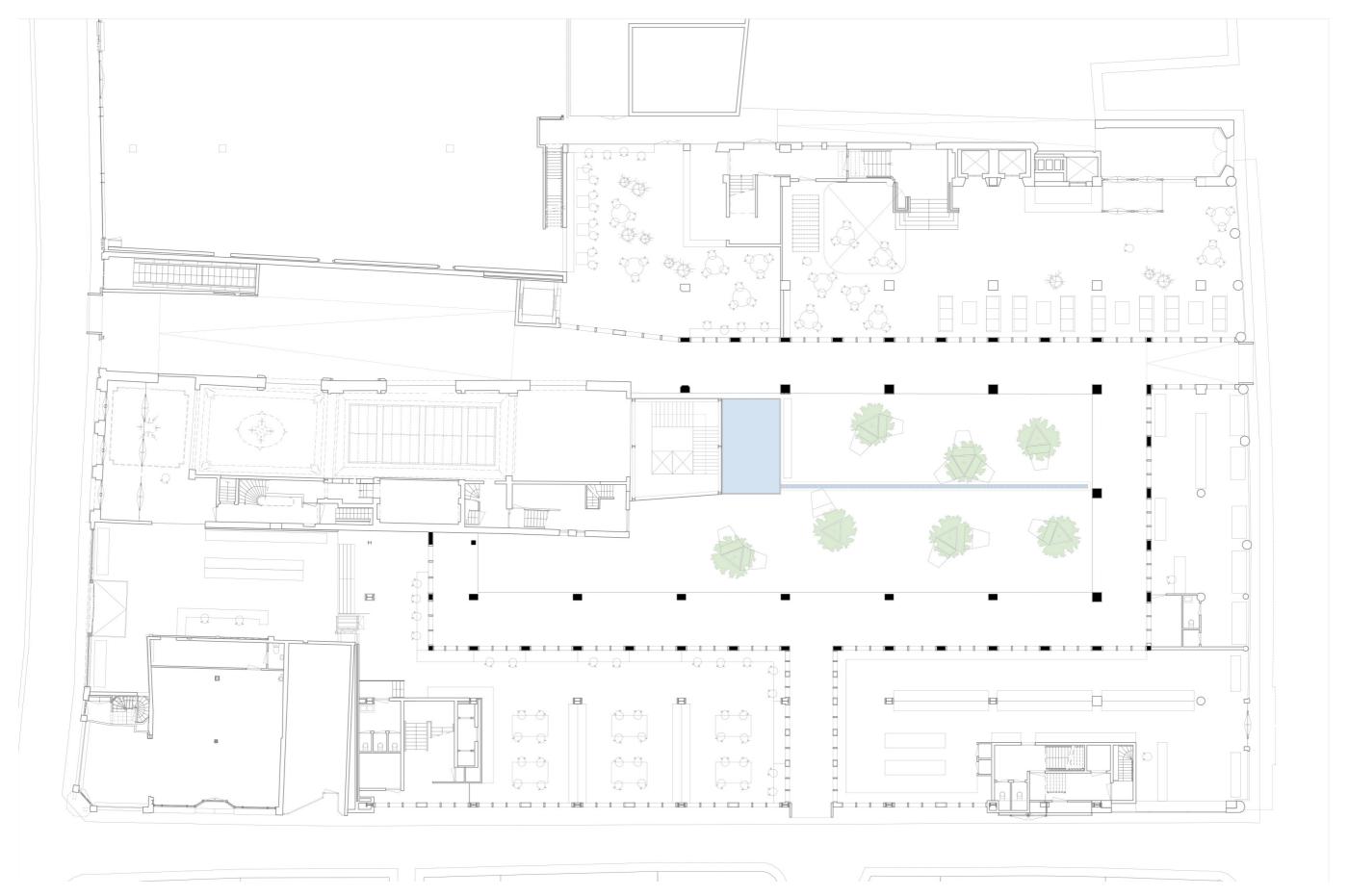


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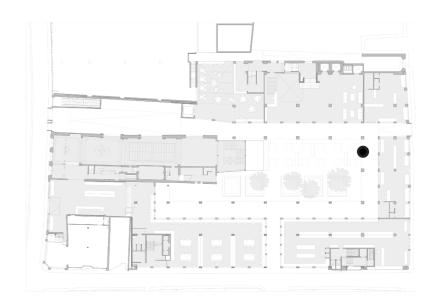




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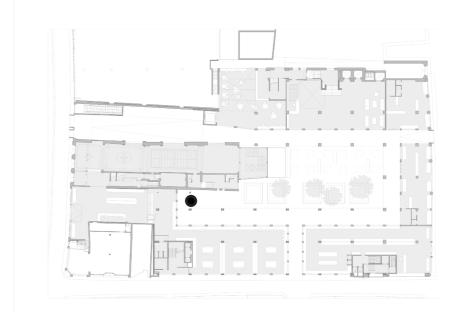
View of the courtyard from the Aalmarkt entrance.



P5 Presentation: Pieter van der Weele



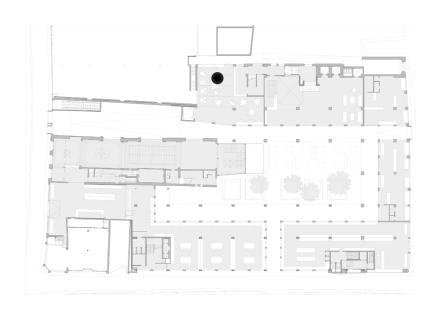
View of the courtyard towards the Aalmarkt.



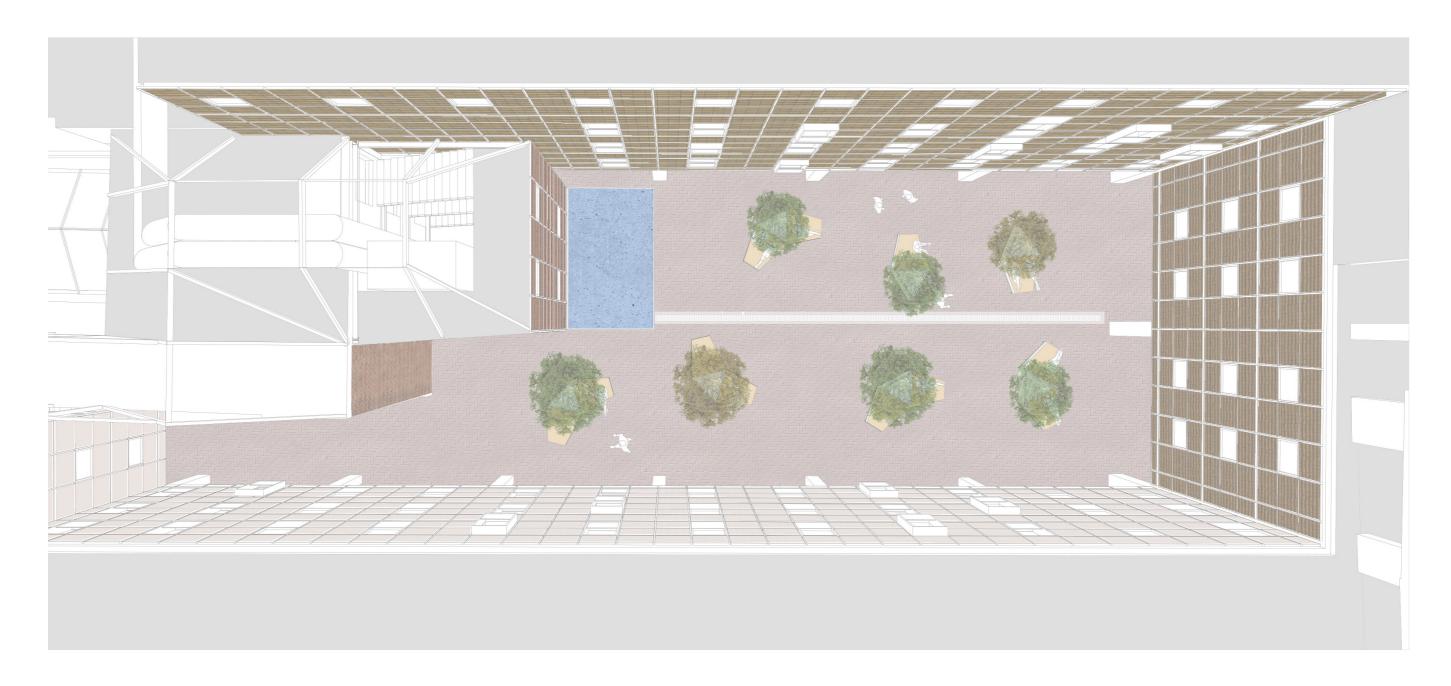
P5 Presentation: Pieter van der Weele



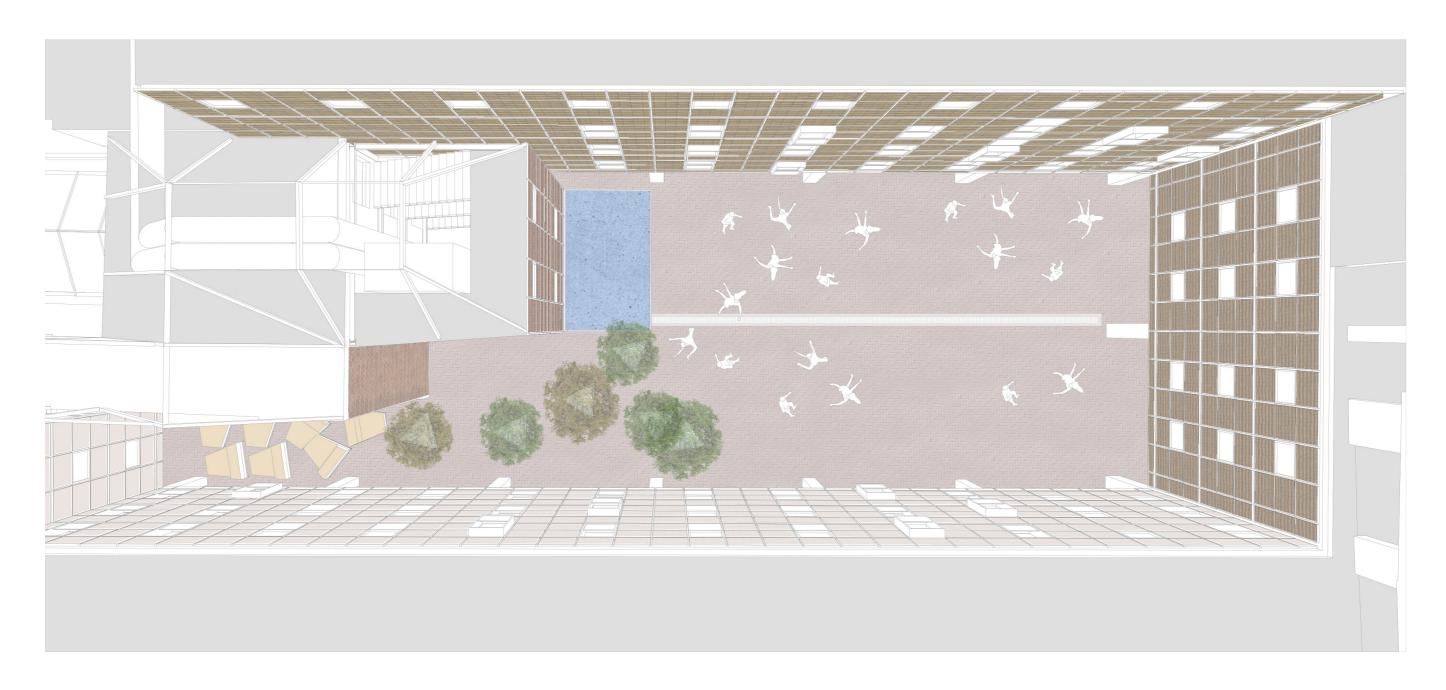
View of the Public Interior.



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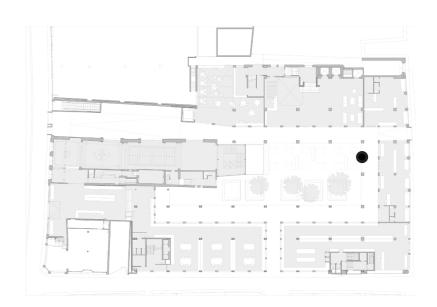
Use of the courtyard as a public park: The trees and timber seats provide a comforting place for people to take a break from the routines of the city life.



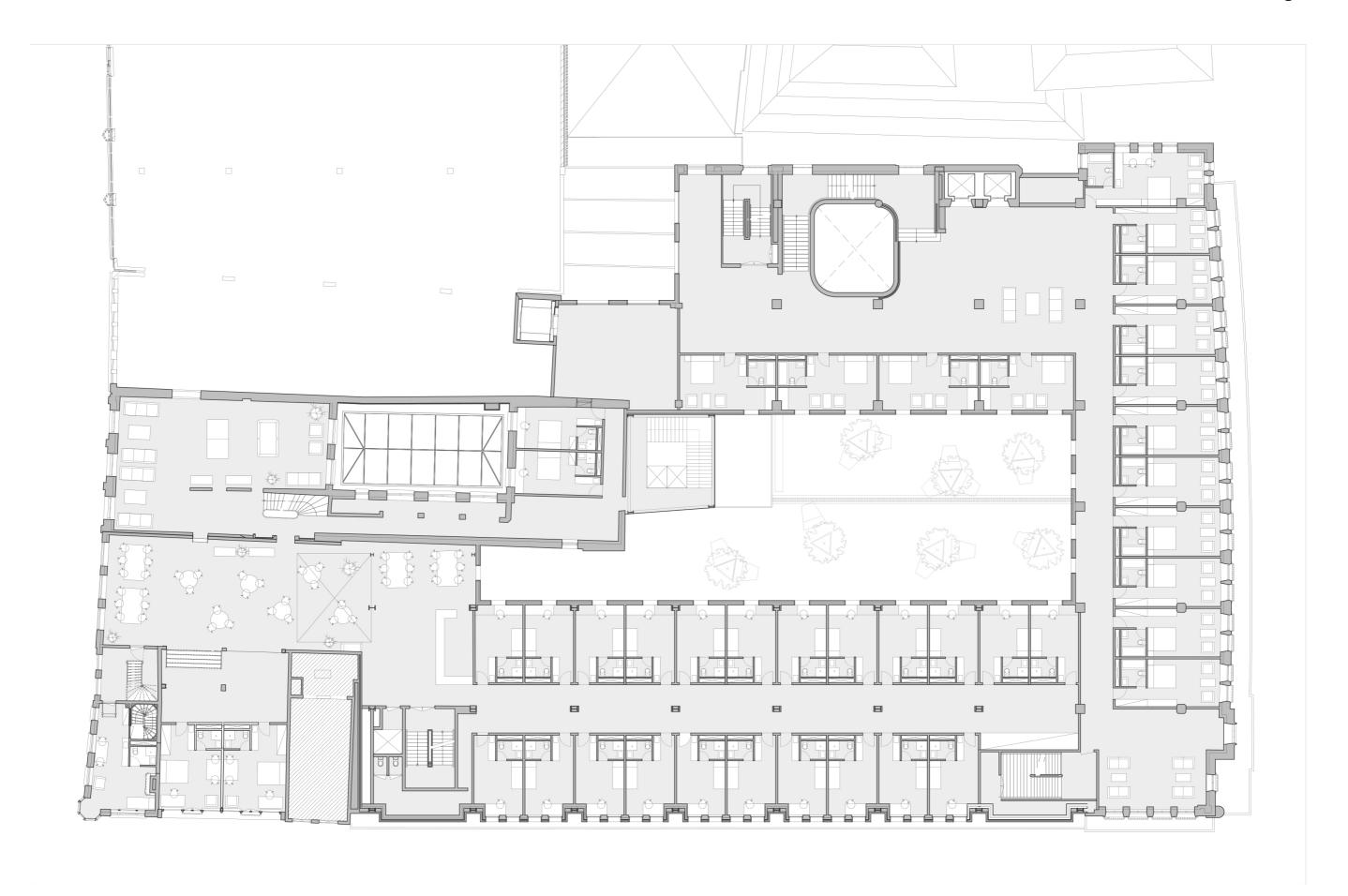
Use of the courtyard as a place for events. The furniture and trees can be moved in order to free up space for public activities such as dancing events.

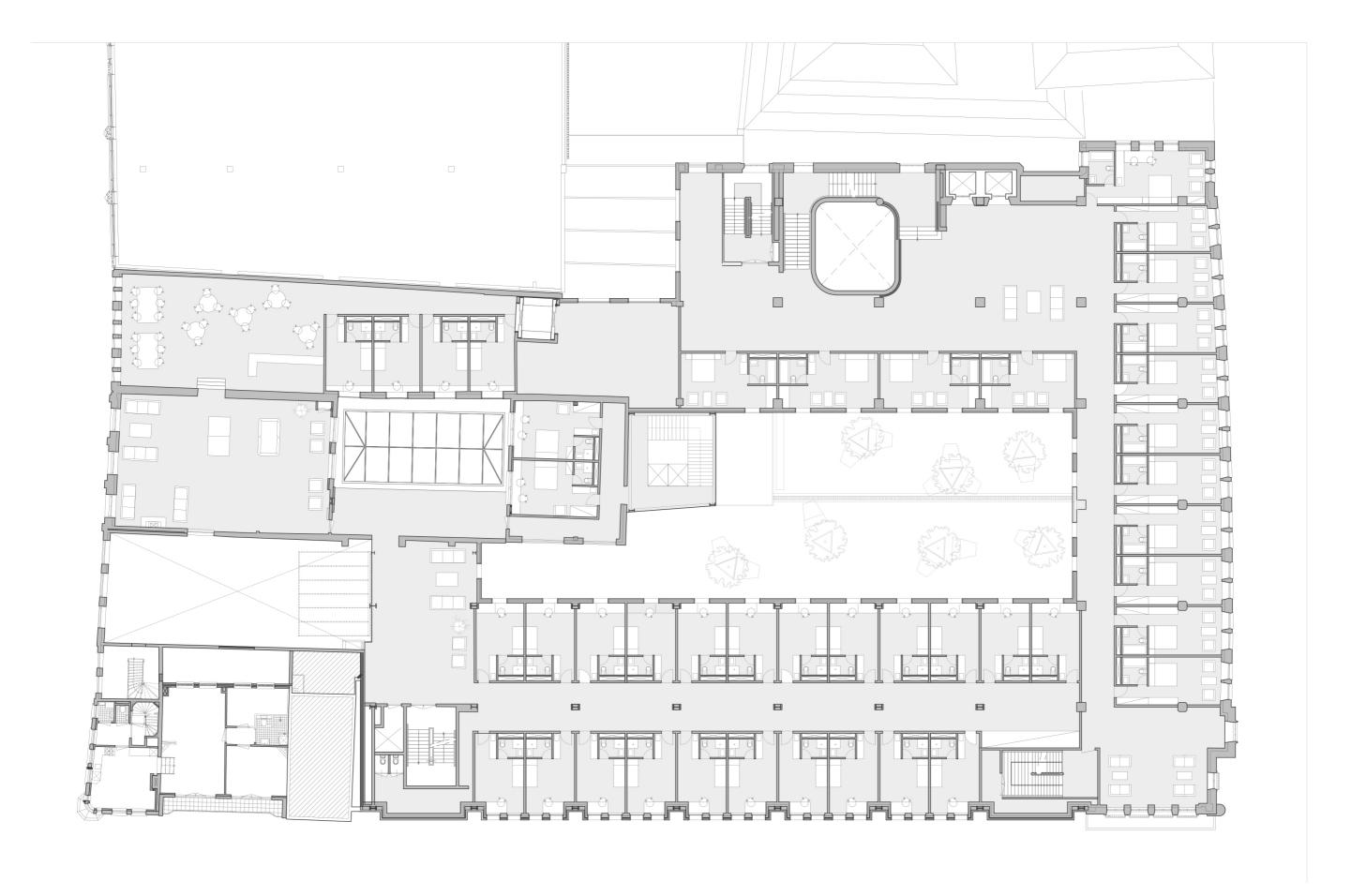


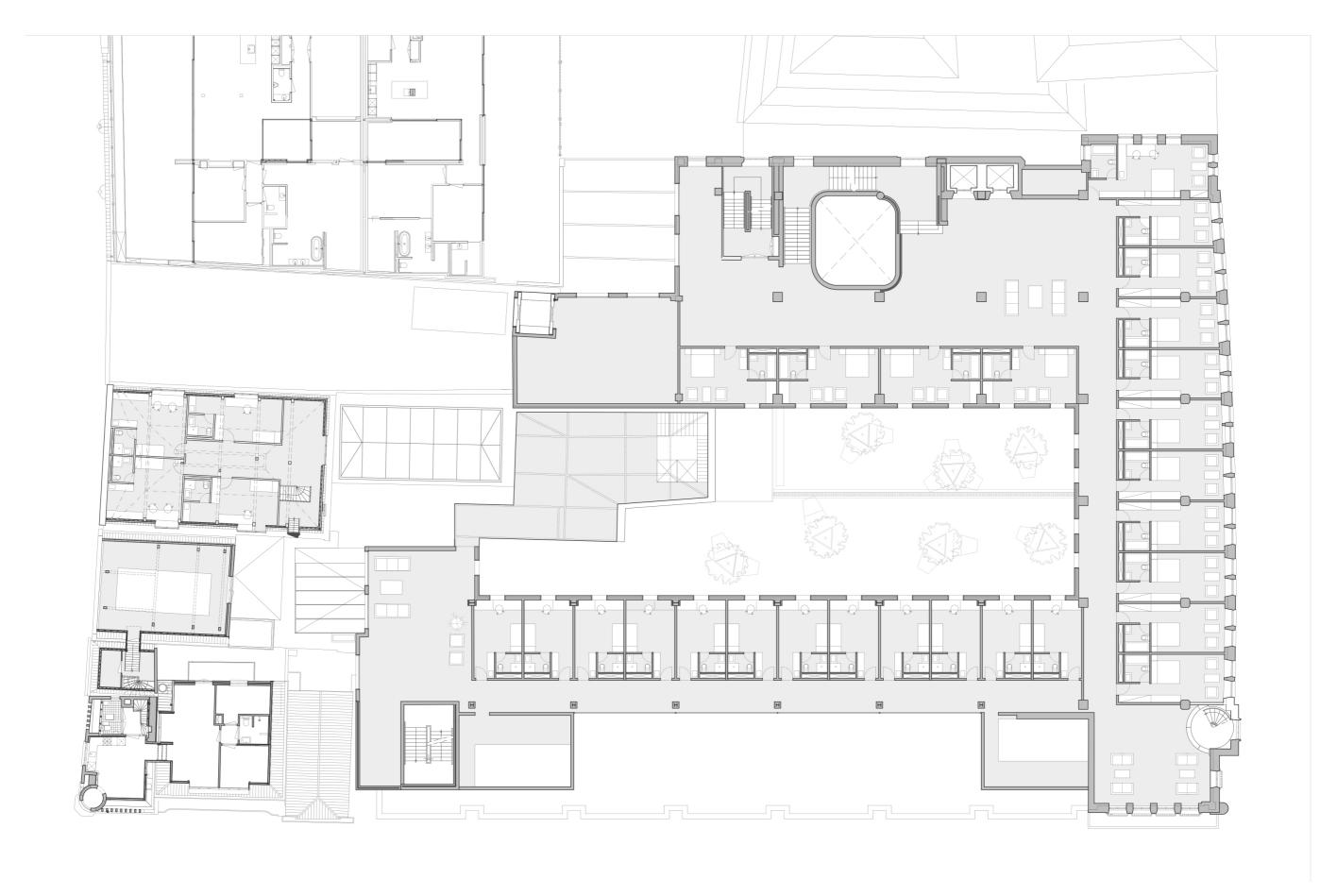
View of the courtyard from the Aalmarkt entrance.



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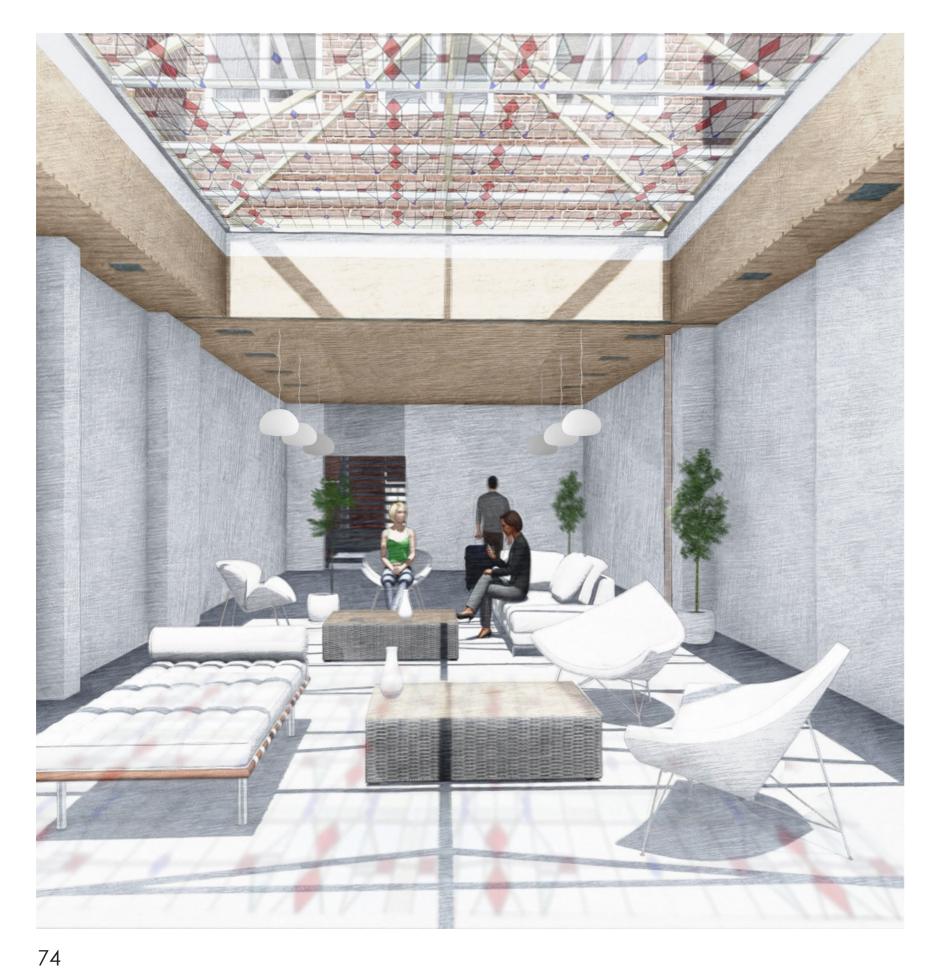








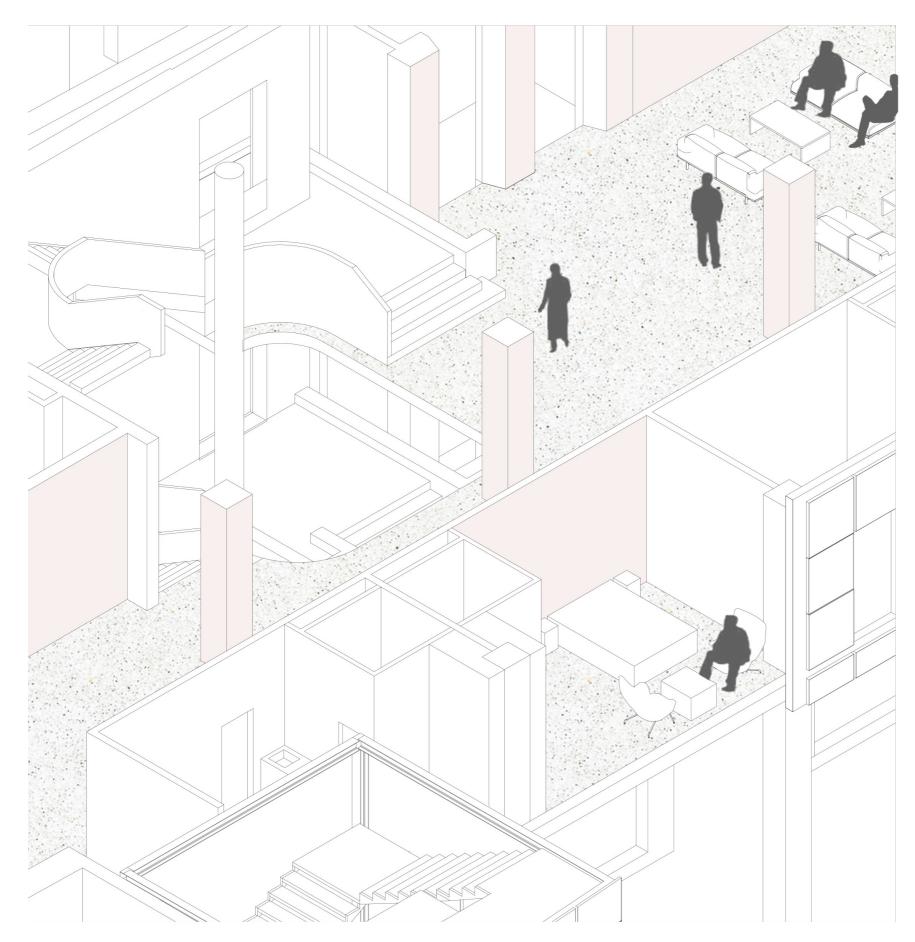




The Student Hotel. The lobby on the ground floor and the common room on the first floor.



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Interior Textures



The Boutique Hotel. A common room on the second floor and the lobby on the ground floor.



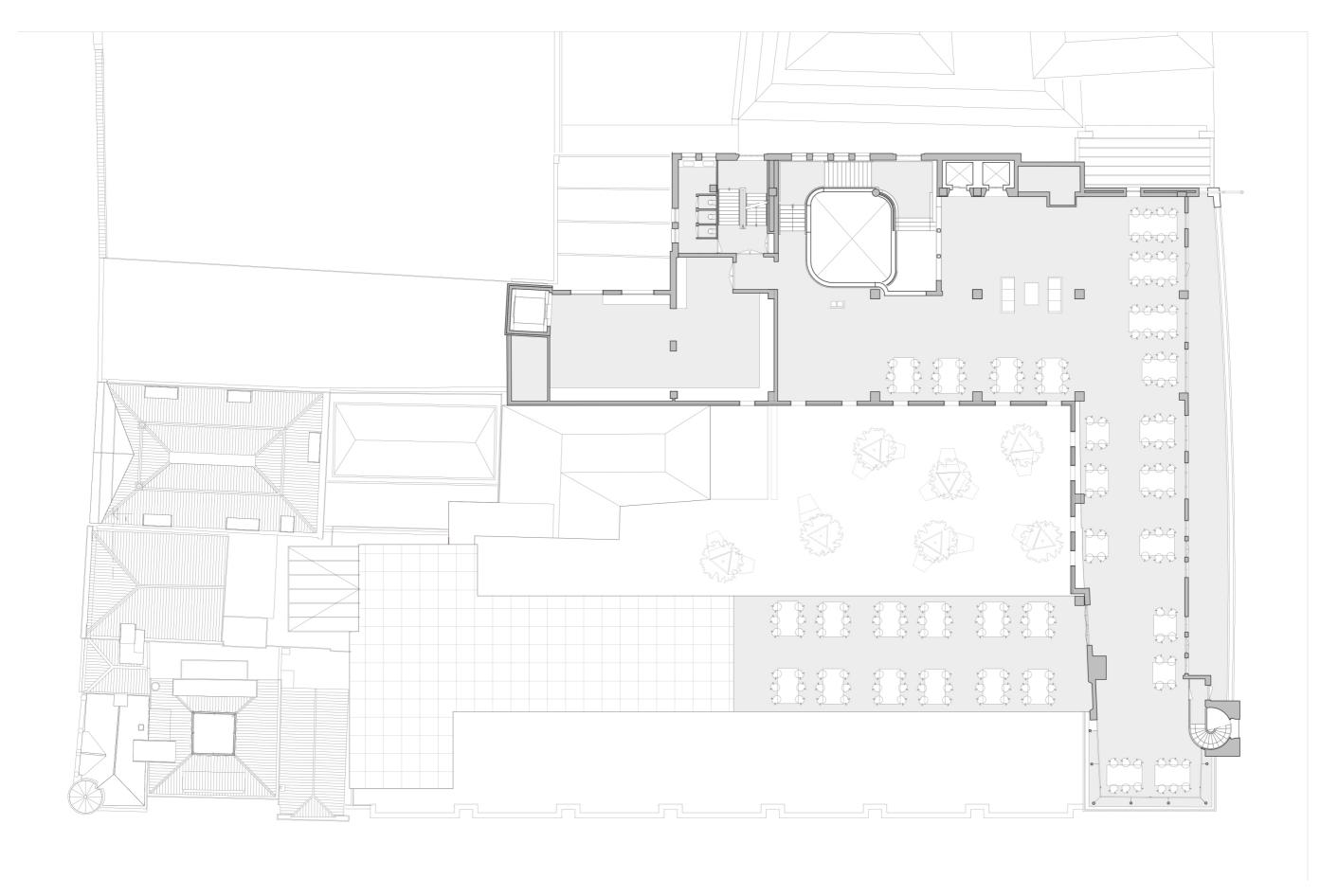
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Boutique Hotel Room



Student Hotel Room

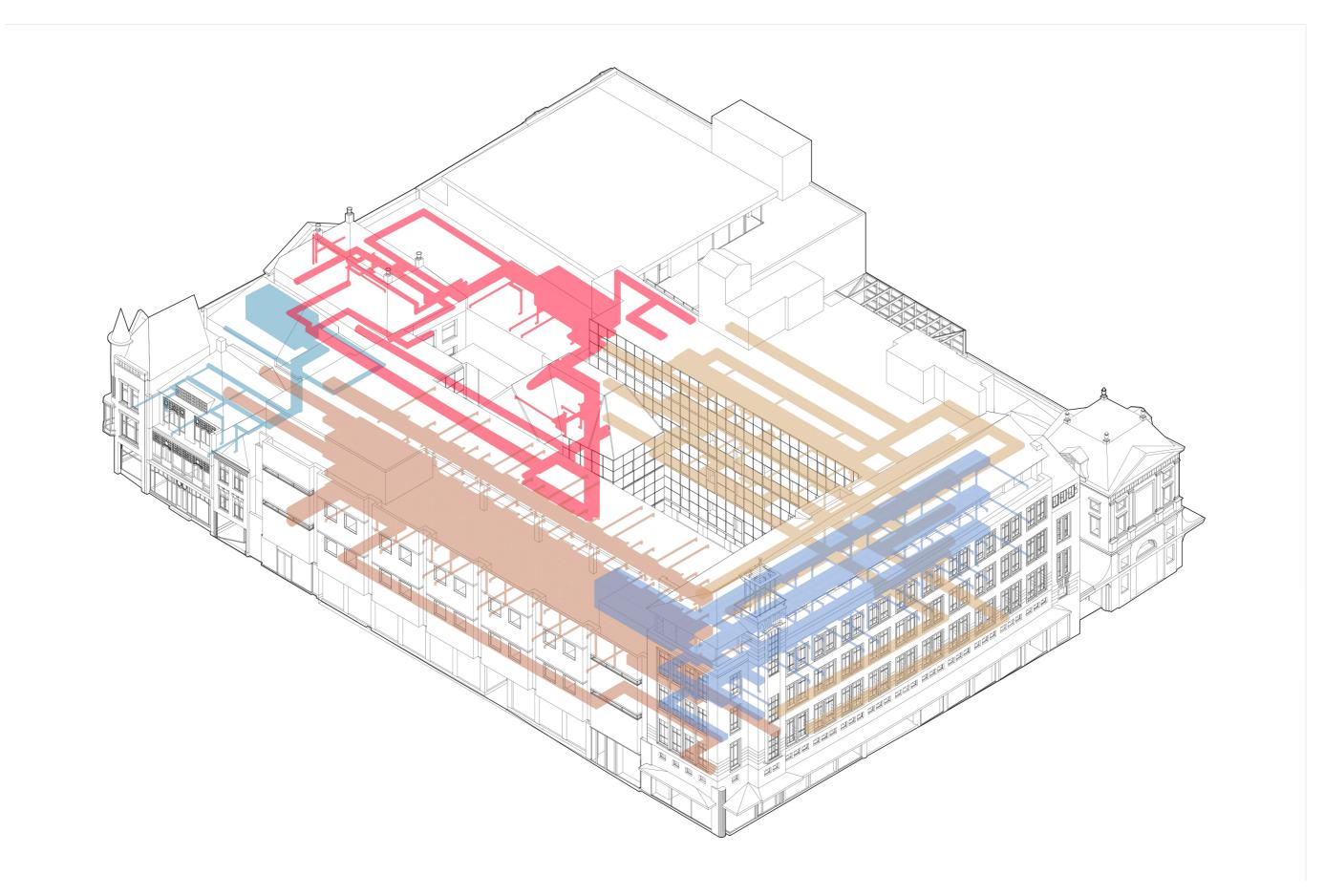


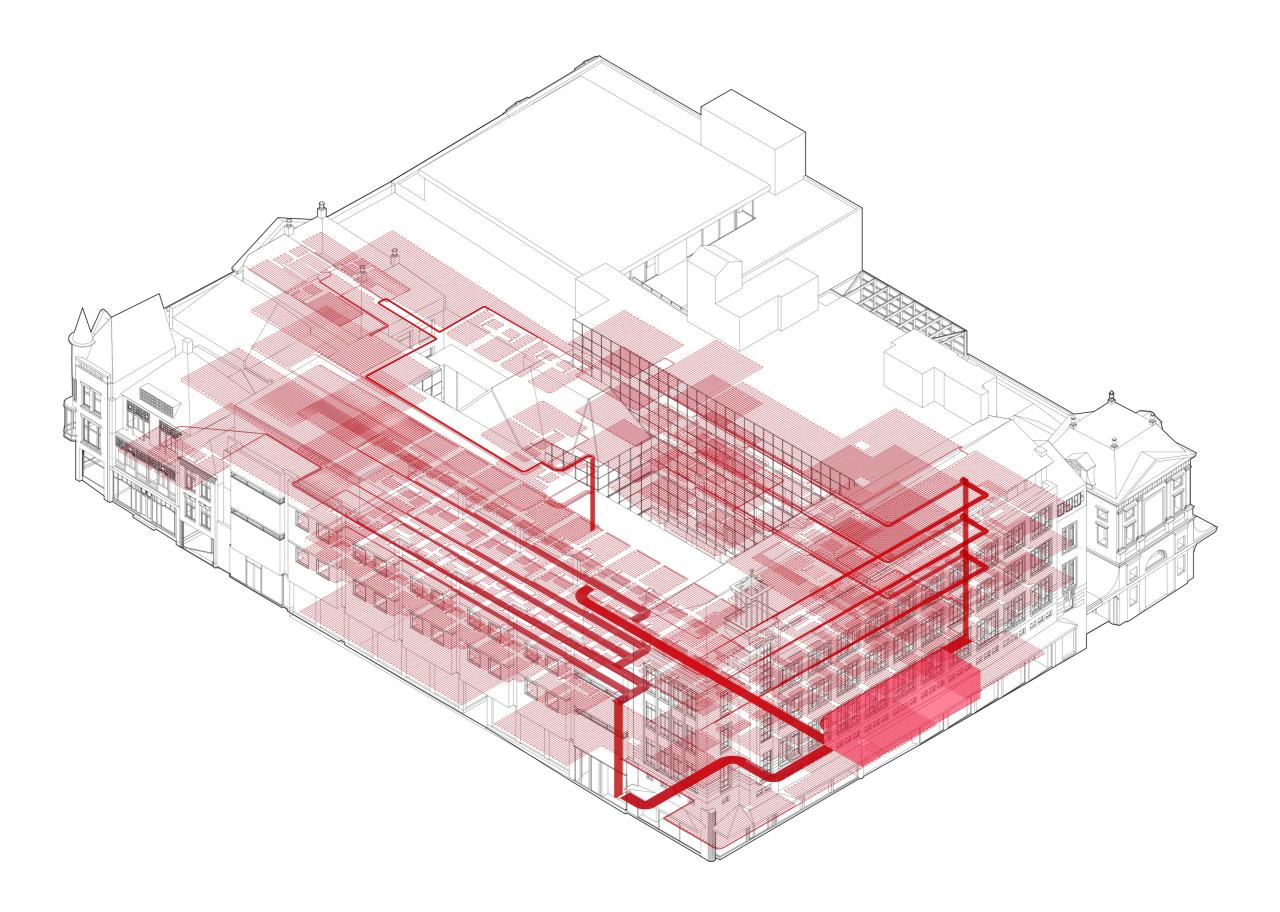


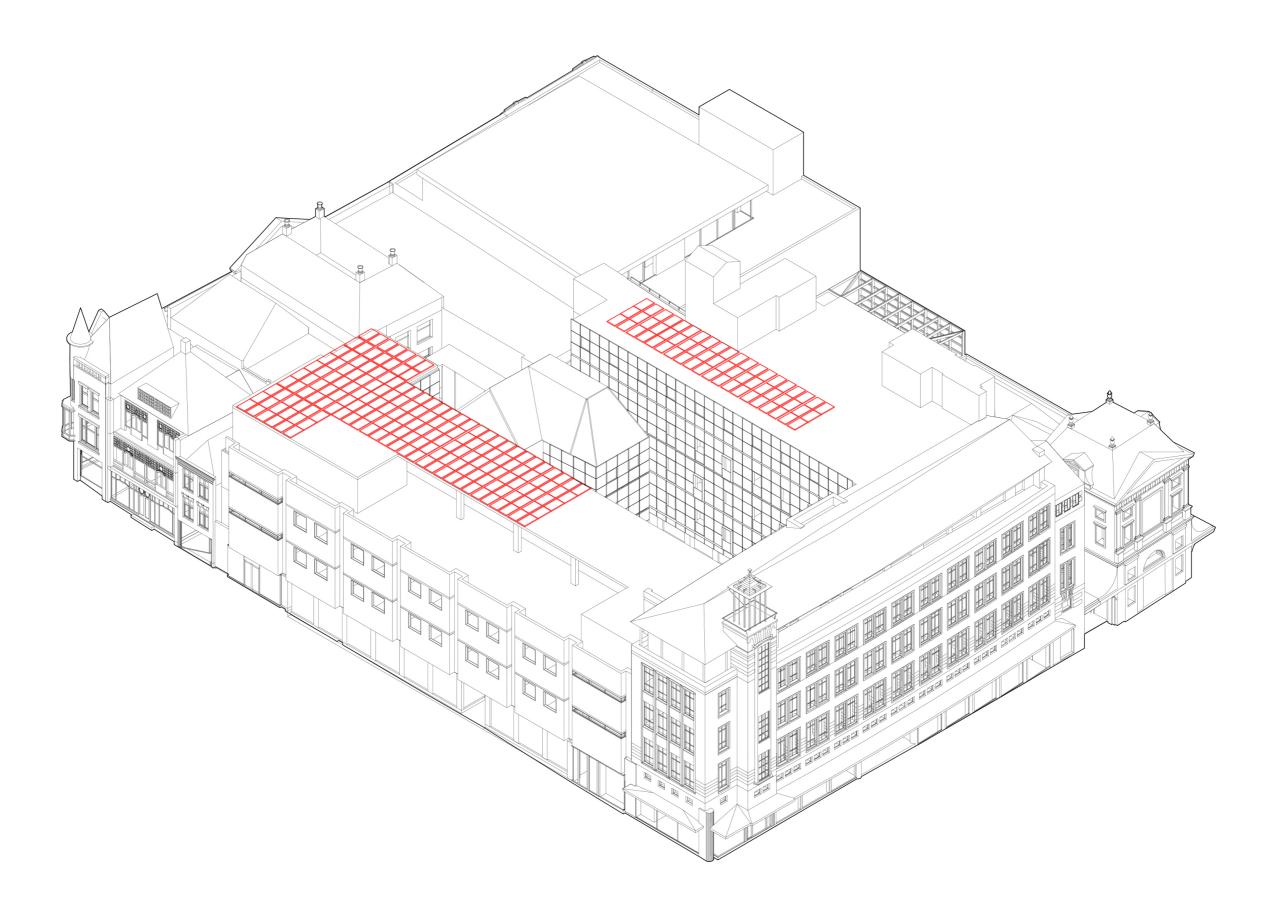
The inside and outside spaces of the restaurant.



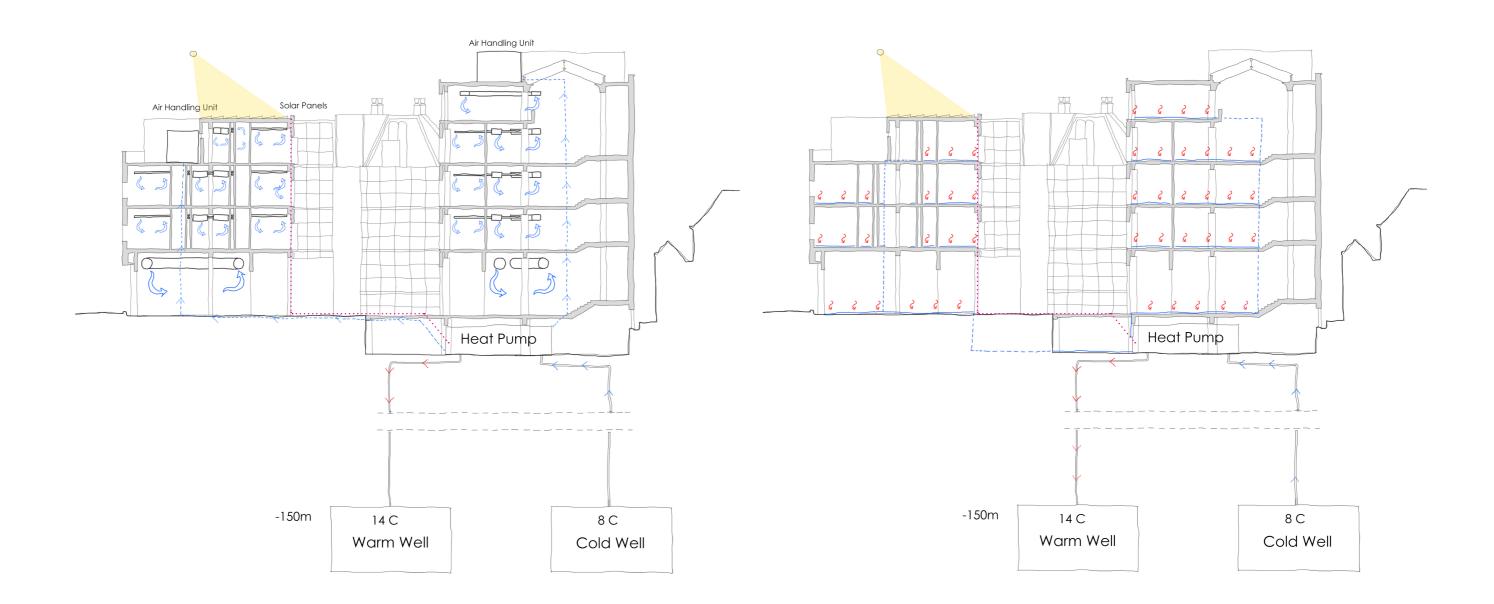
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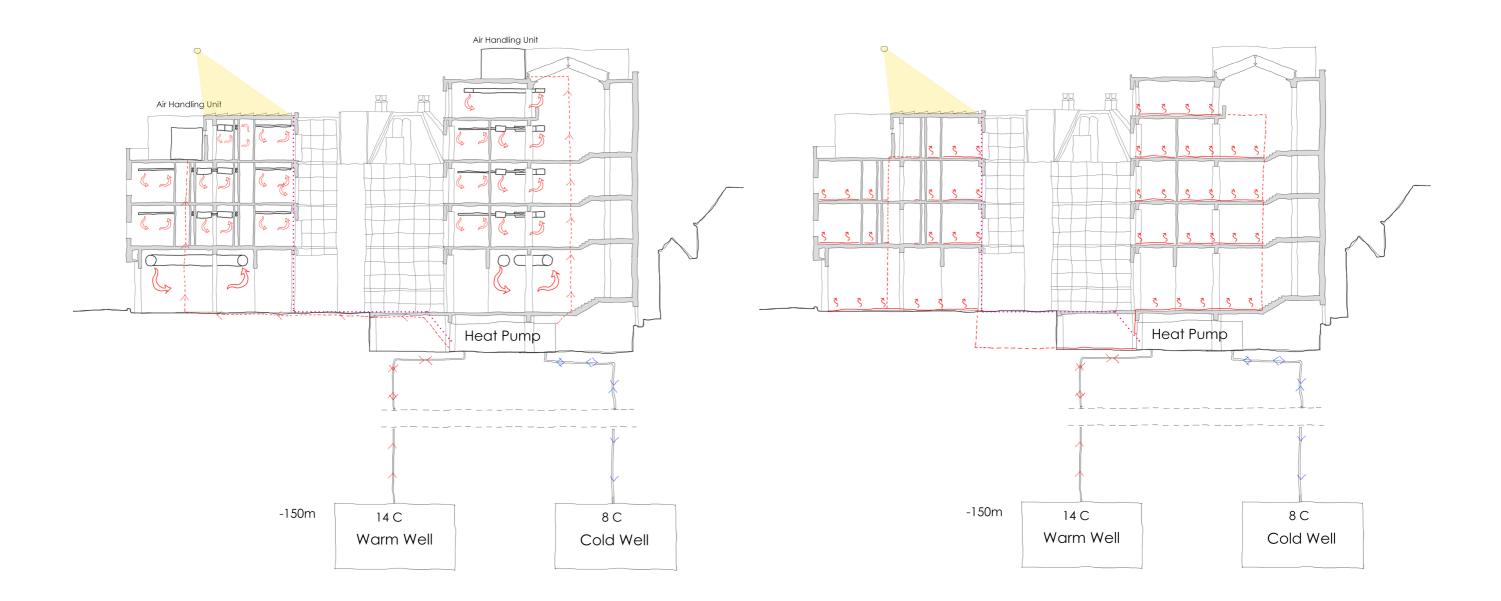




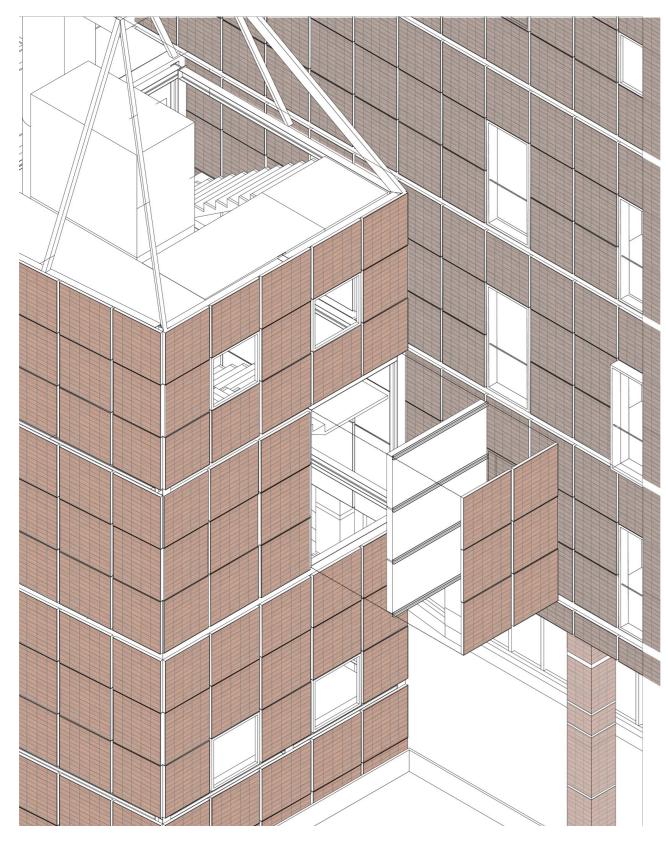
Summer Situation



Winter Situation



Part 4. Reflection



Aesthetic of Temporary Construction, that admits changes in the future...



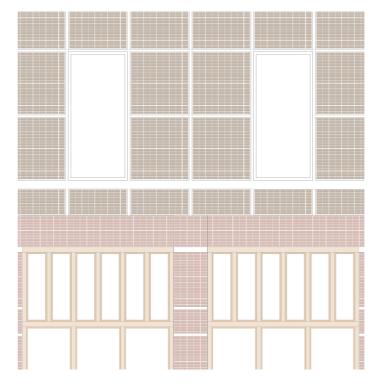
...and simultaneously refers to the history of the site, which is one of constant architectural change.

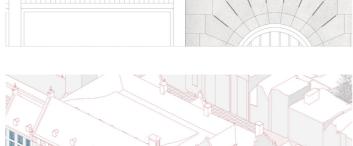
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Commercial Success

Sustainability









Historic Continuity (Reference)

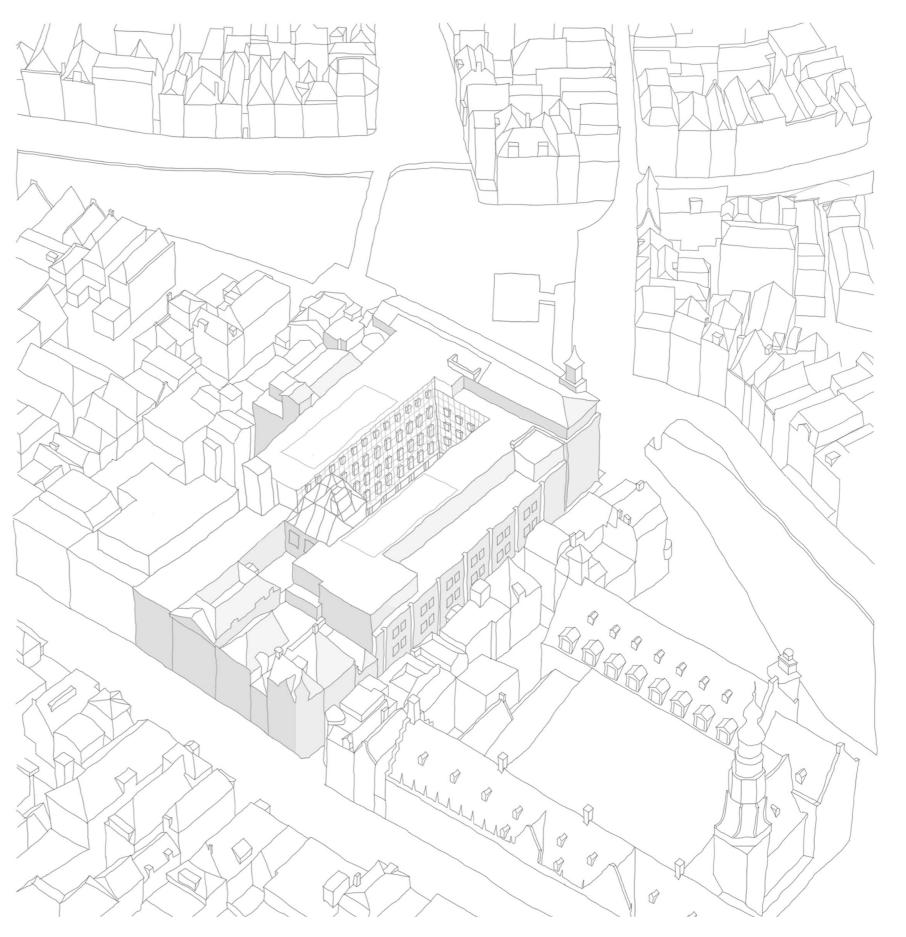
Craftsmanship

Blending on Urban Scale

Blending on Street and Building Block scale

Goal: Coherence between old and new. Incorporation of the old design, without imitation.

Thank you for your attention



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Acknowledgements

During my studies at Delft University of Technology, I received financial support and vital encouragement through a scholarship from the Nikos & Lydia Tricha Foundation for Education and European Culture (Ἰδρυμα Παιδείας και Ευρωπαϊκού Πολιτισμού, Ιδρυτές Νίκος και Λύντια Τρίχα). This support not only enabled me to develop the present graduation work, but has been of immense importance to me for the successful completion of the entire MSc course in Architecture.

I would also like to thank my tutors Lidy Meijers, Frank Koopman and Wido Quist for their kind cooperation, constructive feedback and constant support during the past academic year, thereby making the research presented here possible.



