Interiors Buildings Cities Graduation Studio 24/25 P5 Presentation Archiving Architecture

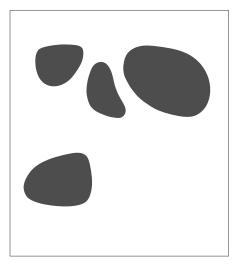
An Archive "under the sky"

By Dilek Seyhan Zaid 6078656

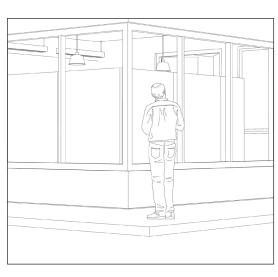
Main mentor | Sam De Vocht Second mentor | Matthijs Klooster Third mentor | Professor Amy Thomas A NEW HOME for the VAi in the Art Campus DeSingel

CONTENT

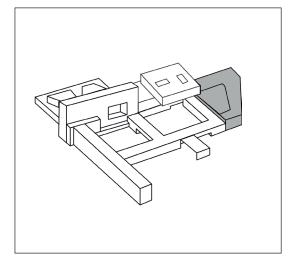
Chapter 1
Brief, site, client



Chapter 2
Fascinations



Chapter 3
Design proposal



Chapter 4
Visualisations



Brief, site, client

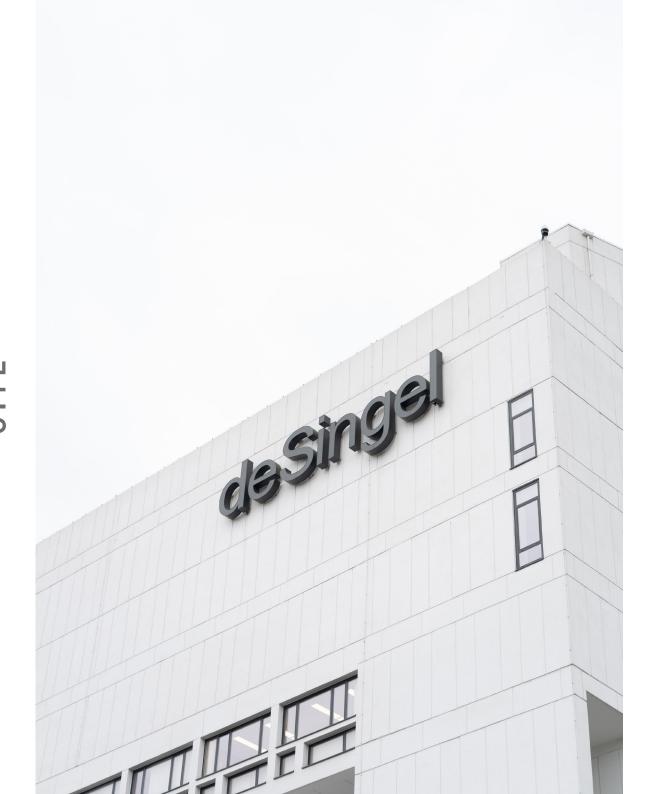
A new home for the VAi

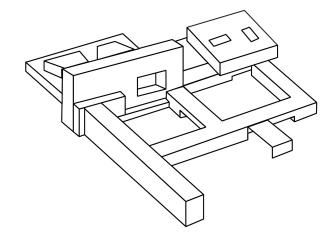


Vlaams Architectuur

instituut

Current depot in the centre of Antwerp, Belgium





Art Campus DeSingel in Antwerp, Belgium



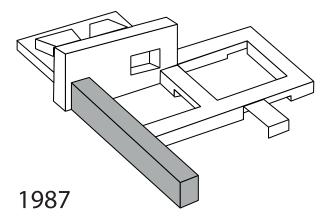


Léon Stynen

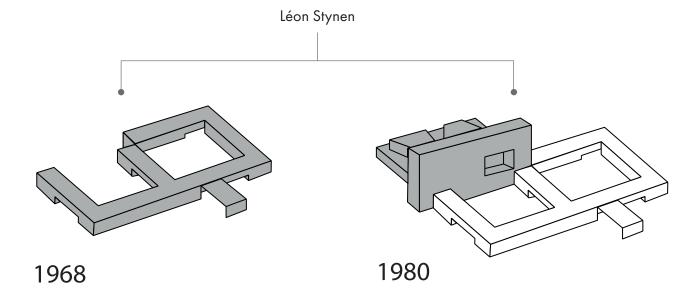
1968

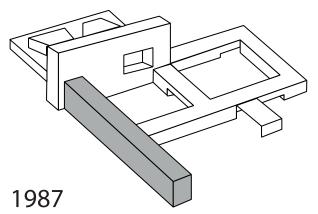
1980

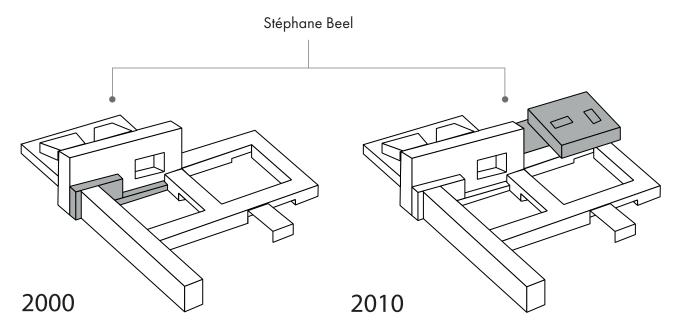
Léon Stynen & his assistant Paul De Meyer



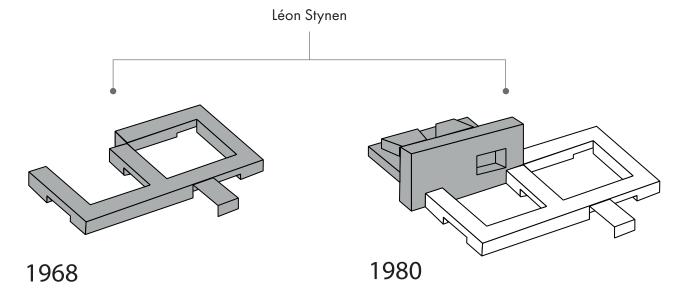
Léon Stynen & his assistant Paul De Meyer

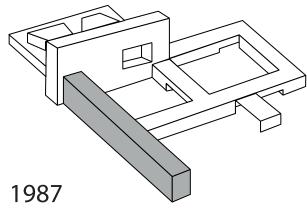






Léon Stynen & his assistant Paul De Meyer

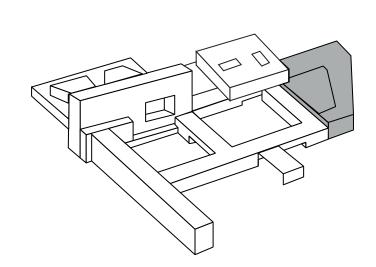




Stéphane Beel

2000

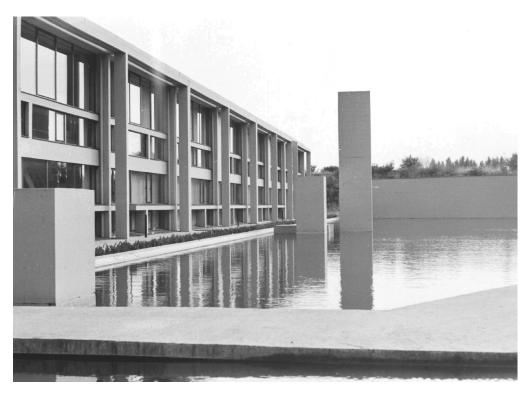
2010



New extension



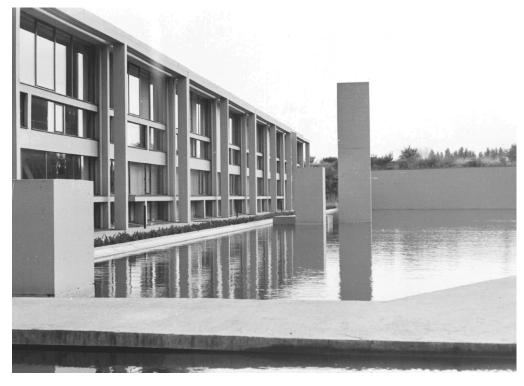
Heritage facade Boundaries by natural elements



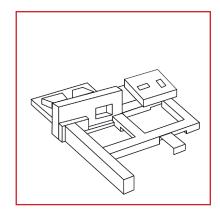
West facade before Stéphane Beel was built

VISIONS OF THE PAST

Heritage facade Boundaries by natural elements Large corridors to meet and wait

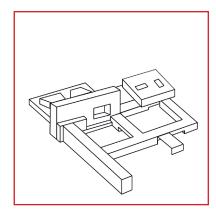






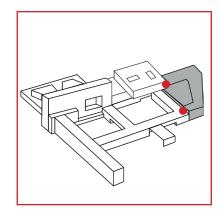
Design outcomes

• Working in proximity (distancing from DeSingel might result in disconnectivity)



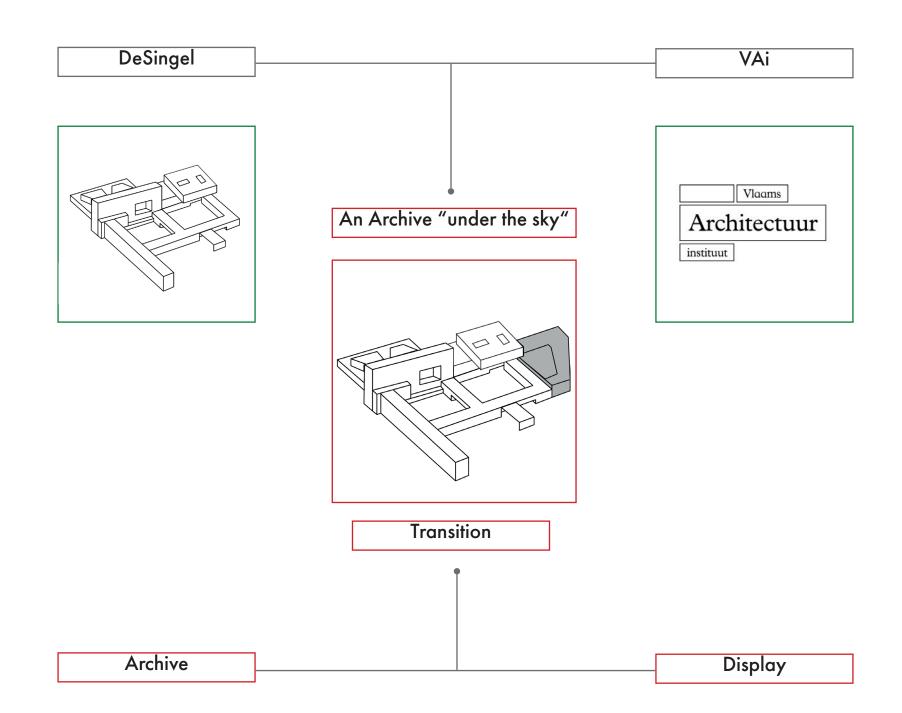
Design outcomes

- Working in proximity (distancing from DeSingel might result in disconnectivity)
- Working within its existing body (unused spaces, circulation issues)



Design outcomes

- Working in proximity (distancing from DeSingel might result in disconnectivity)
- Working within its existing body (unused spaces, circulation issues)
- Adding an extension (could potentially ACTIVATE the urban corner and RE-ESTABLISH the dialog between Léon Stynen and Stéphane Beel)



Primary questions

• What is the identity of the VAi in relation to past, future and context?

Primary questions

- What is the identity of the VAi in relation to past, future and context?
- How do you prioritize users and functions?

Primary questions

- What is the identity of the VAi in relation to past, future and context?
- How do you prioritize users and functions?
- What meaning do you want to achieve?

CURRENT STATE OF THE VAI DEPOT











Challenges

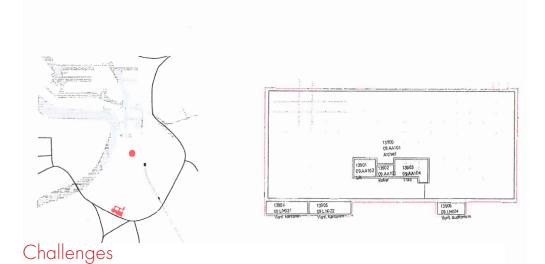
- Not enough daylightLack of space

CURRENT STATE OF THE VAI DEPOT







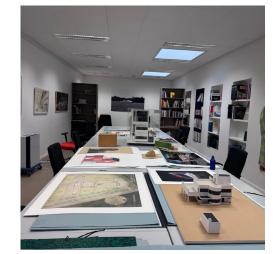


- Not enough daylight
- Lack of space
- Lack of efficiency and quality of work

Fascinations

CRITICAL ANALYSIS

CURRENT VAI DEPOT



DOGMA EXHIBITION



VAI OFFICESS

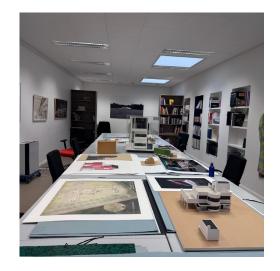


Dilek Zaid

NTERIOR

CRITICAL ANALYSIS

CURRENT VAI DEPOT



DOGMA EXHIBITION



VAI OFFICESS



HERITAGE



STREET EDGE



URBAN CORNER



INTERIOR

Dilek Zaid

FASCINATIONS

CATEGORY

Dilek Zaid

VAI DRAWINGS STORAGE



VAI LARGE DRAWINGS STORAGE



VAI PHYSICAL MODELS STORAGE



FASCINATIONS

ATEGORY

Dilek Zaid

CATEGORY 2

VAI DRAWINGS STORAGE



VAI LARGE DRAWINGS STORAGE



VAI PHYSICAL MODELS STORAGE



NIEUWE INSTITUUT DEPOT SELECTED MODELS STORAGE



BOIJMANS MUSEUM DEPOT PROCESS ROOM



"KABINETT" HERZOG & DE MEURON





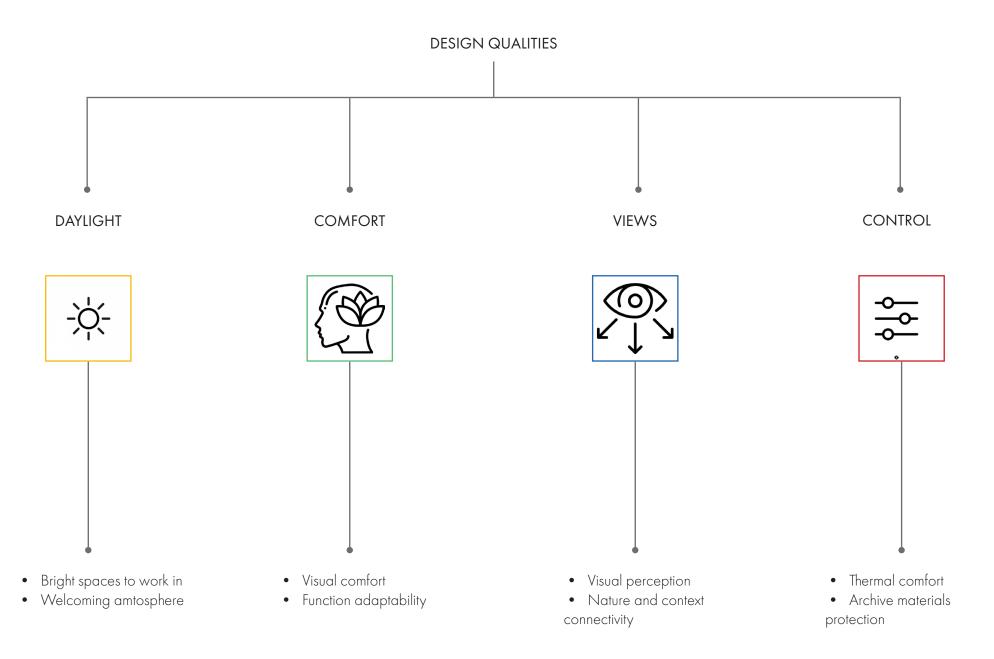
"Kabinett" rebuilt physical model by D. Zaid, S. Windrich, J. Xing

Storing archive materials



CCA rebuilt physical model by fellow students V. Danesin, J.Fang, D. Franken, Y. Li

FUNDAMENTALS TO CONSIDER



ATMOSPHERE
Nieuwe Instituut Rotterdam



FURNITURE
Nieuwe Instituut Rotterdam



Walls Floors

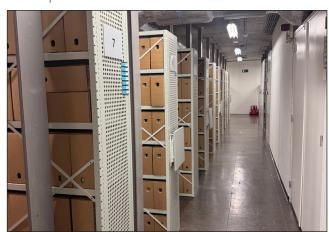




COLOUR
Depot of Museum Boijmans



SPATIAL QUALITY
VAi Depot

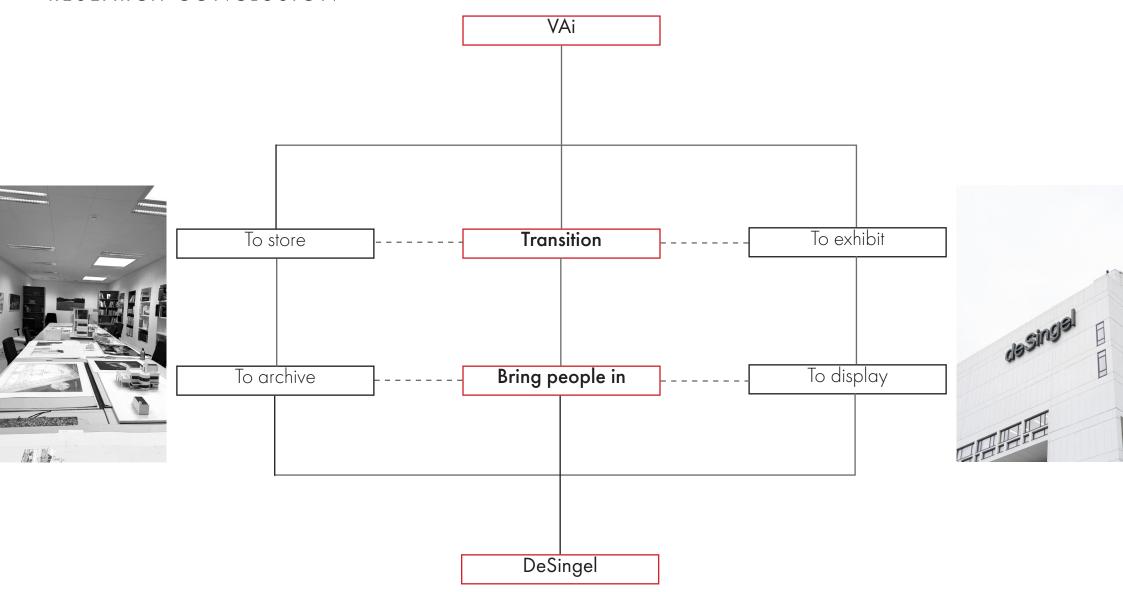


Furniture





RESEARCH CONCLUSION



Design proposal



Extension of the DeSingel

Extension of the DeSingel

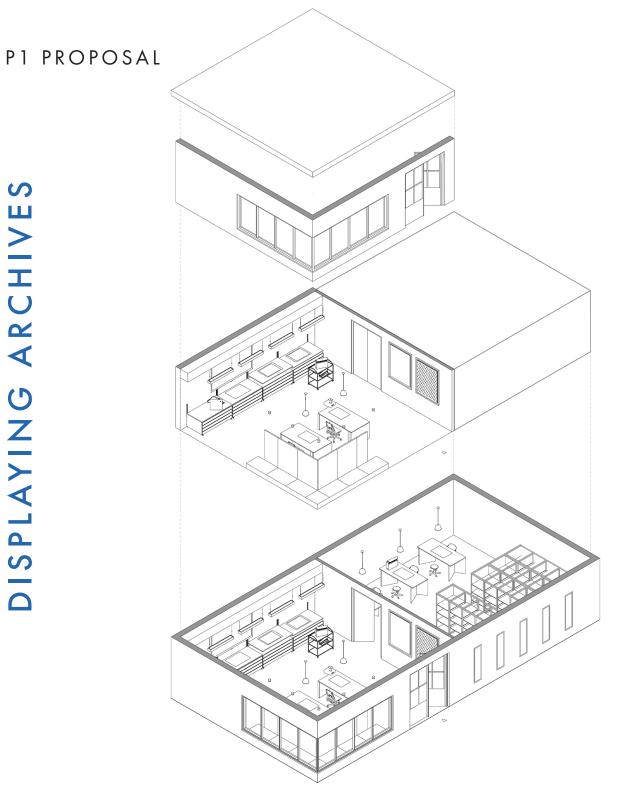
By a thrid courtyard adaptation

Extension of the DeSingel

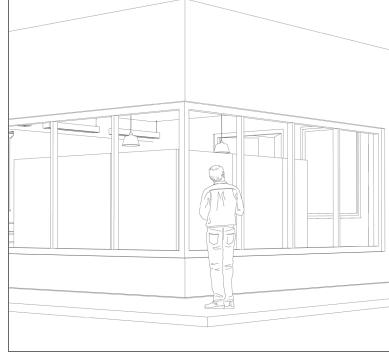
By a thrid courtyard adaptation

For the new VAi

Dilek Zaid



- Introducing the archives to the public
- Bringing people in
- Activating an archive space



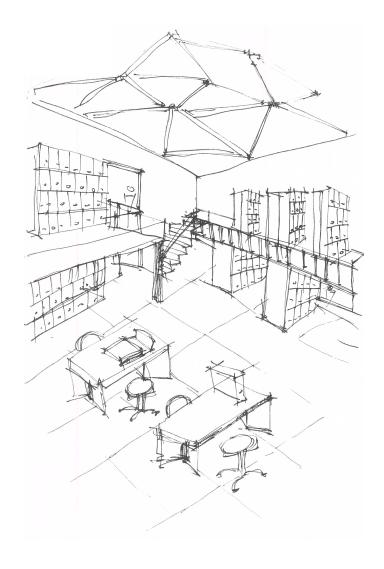






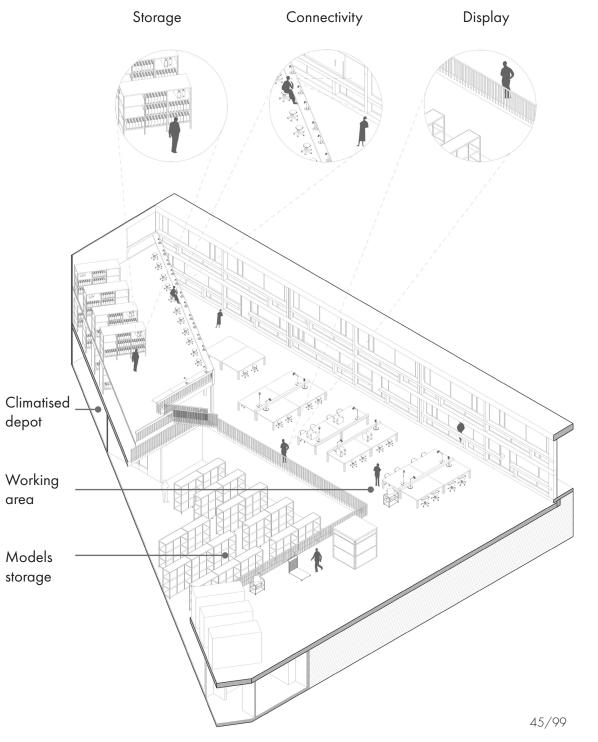
DESIGN PROCESS

Dilek Zaid



depot

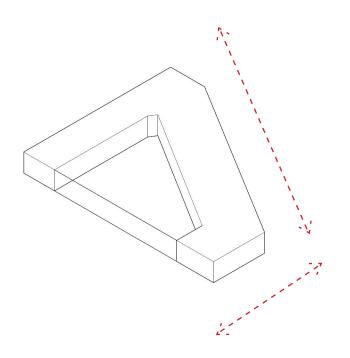
area

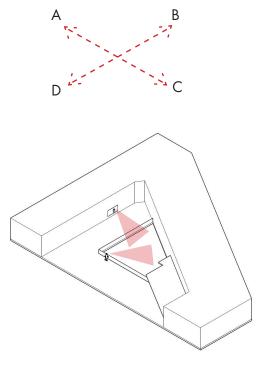


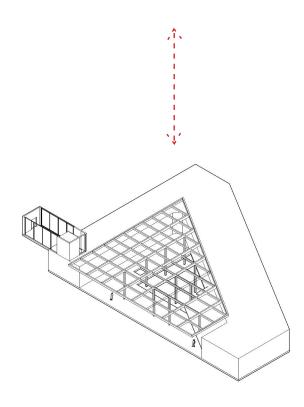
Phase 1 Introducing the outer edge followed by the street

Phase 2 Courtyard with a void

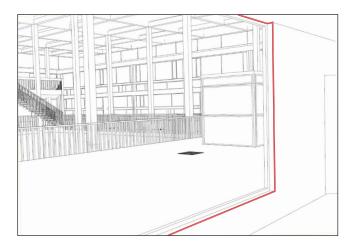
Phase 3 Lightweight roof structure



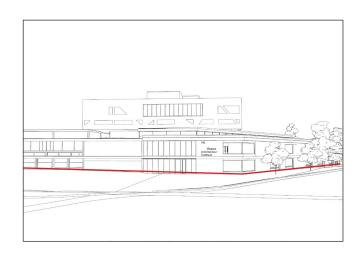




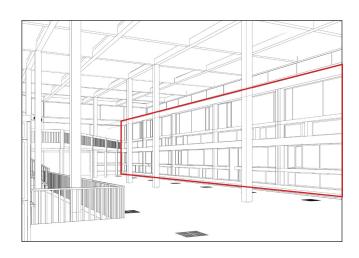
Third courtyard



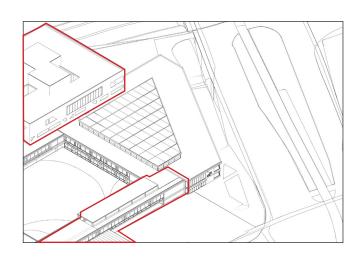
Urban corner



Facade of Stynen's building



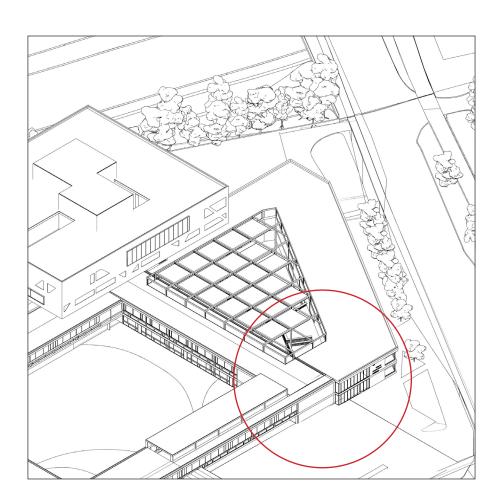
Connecting Léon Stynen & Stéphane Beel





Dilek Zaid

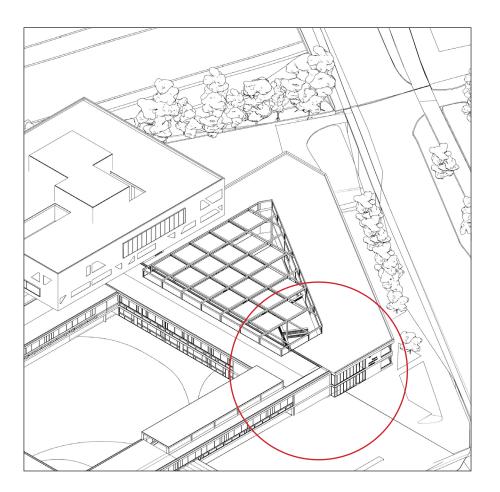
Re-establishing the dialog between Léon Stynen

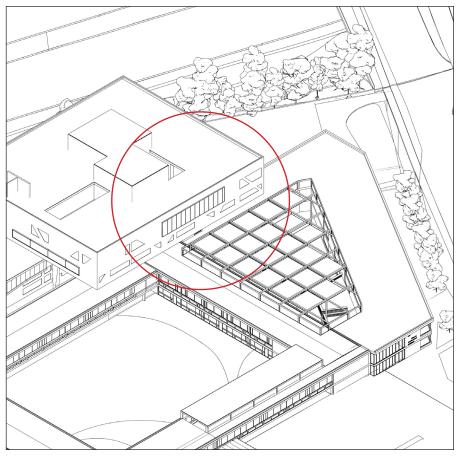


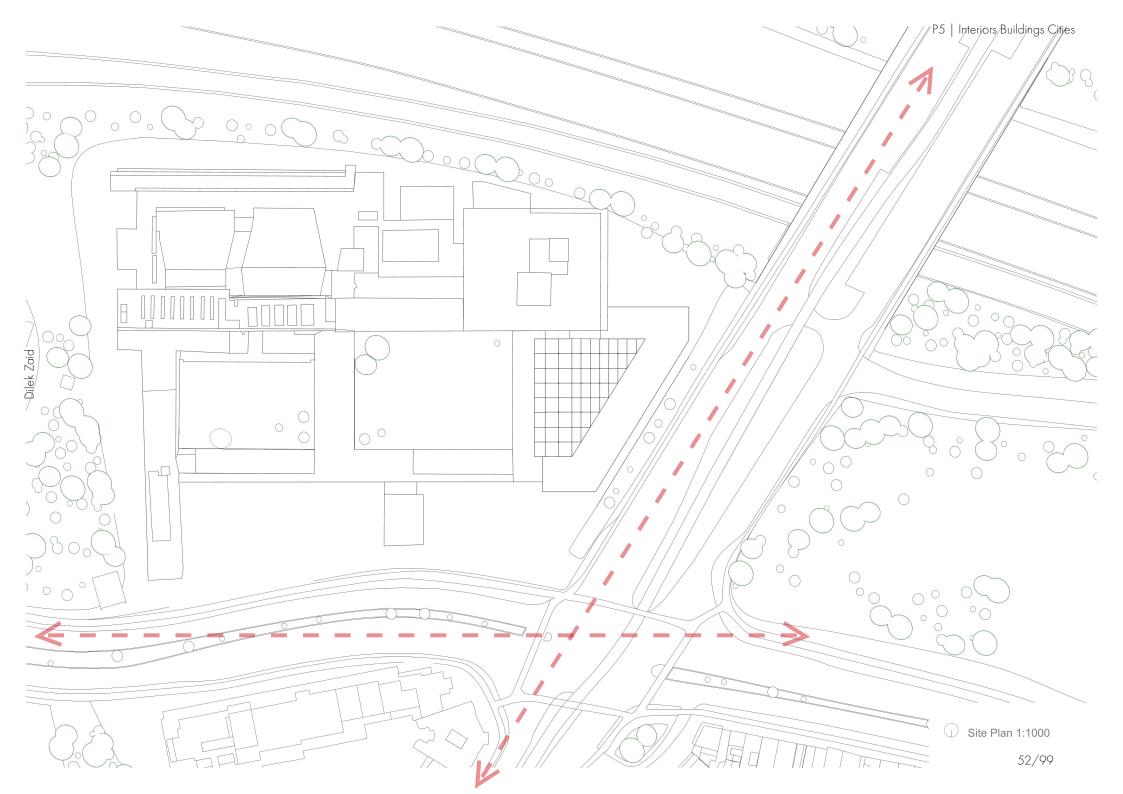
BUILDING CORNER

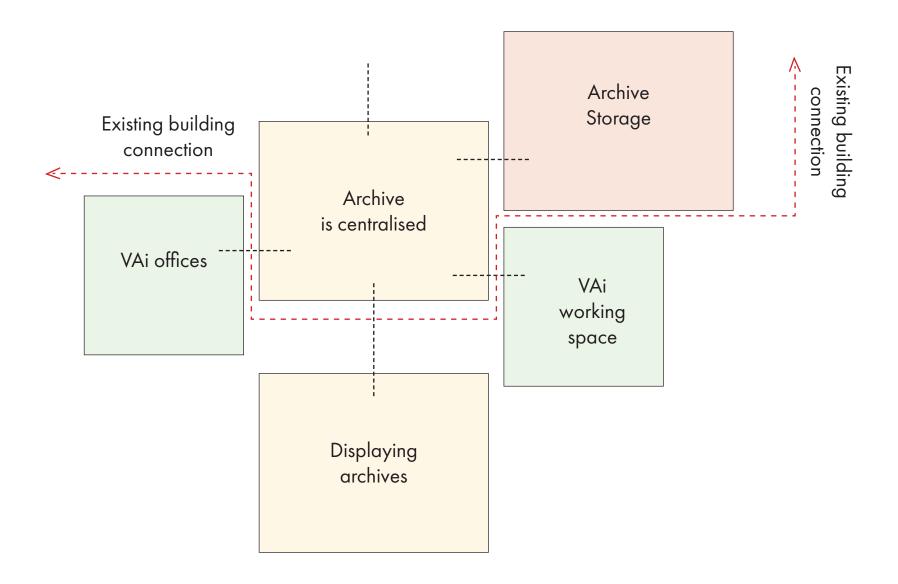
Dilek Zaid

Re-establishing the dialog between Léon Stynen and Stéphane Beel









Visual conneciton

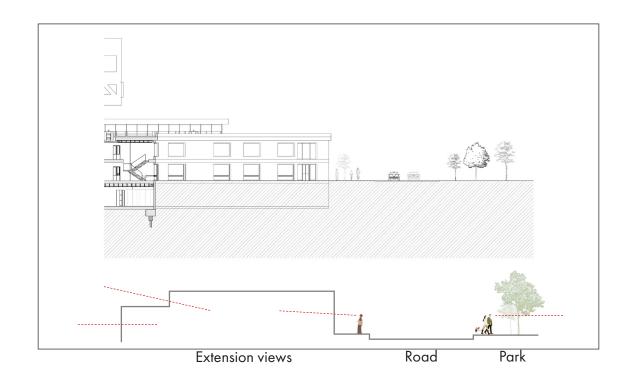
Level +2 _Level +1 _Level 0 _Level -1 Archive/Private lifts Public lifts

I-CONNEC

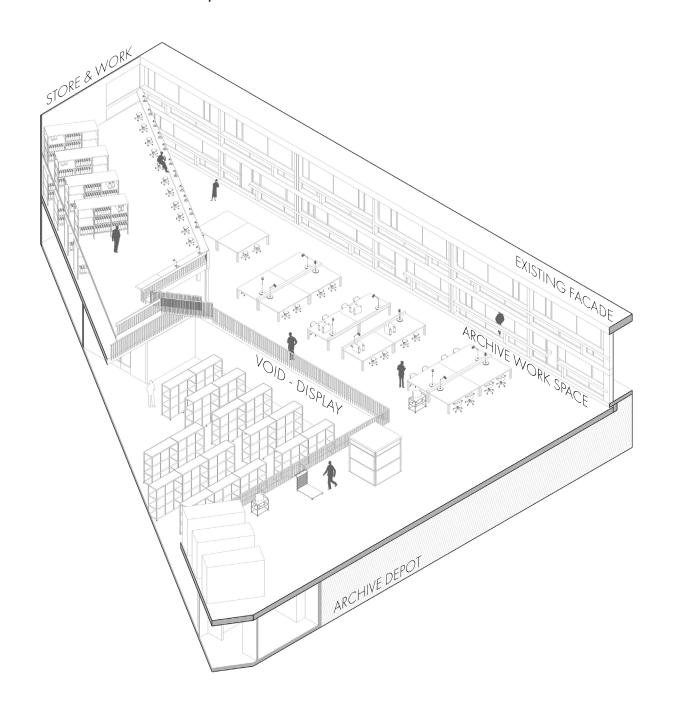
re-connecting the building part of Léon Stynen & Stéphane Beel and activating the urban corner.

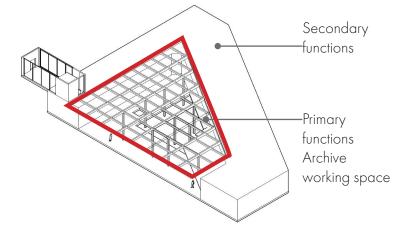






PRIMARY FOCUS | FUNCTIONS

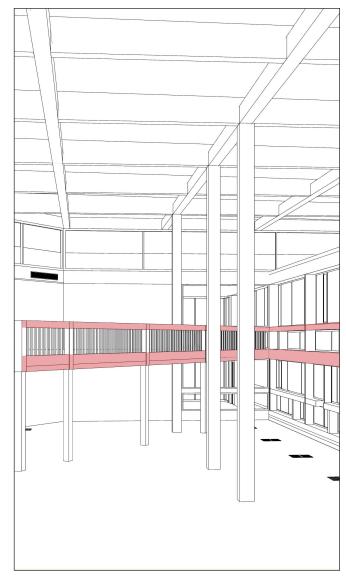




NNOVATIVNESS

Bringing Stynen's building facade on display ш

Desk tops as a result of visual continuation



FURNITURE

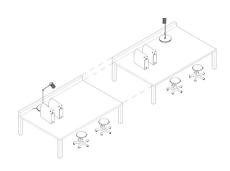
Archive

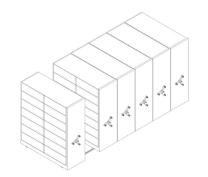
Mobile storage

Trasnportability

Efficient assembly







Archive





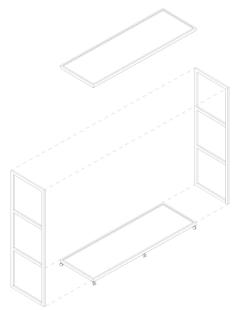






RFORMANCE

<u>_</u>



CHARACTERISTICS

Display | Storage furniture



Display | Storage furniture



CHARACTERISTICS

Display | Storage furniture



Working units



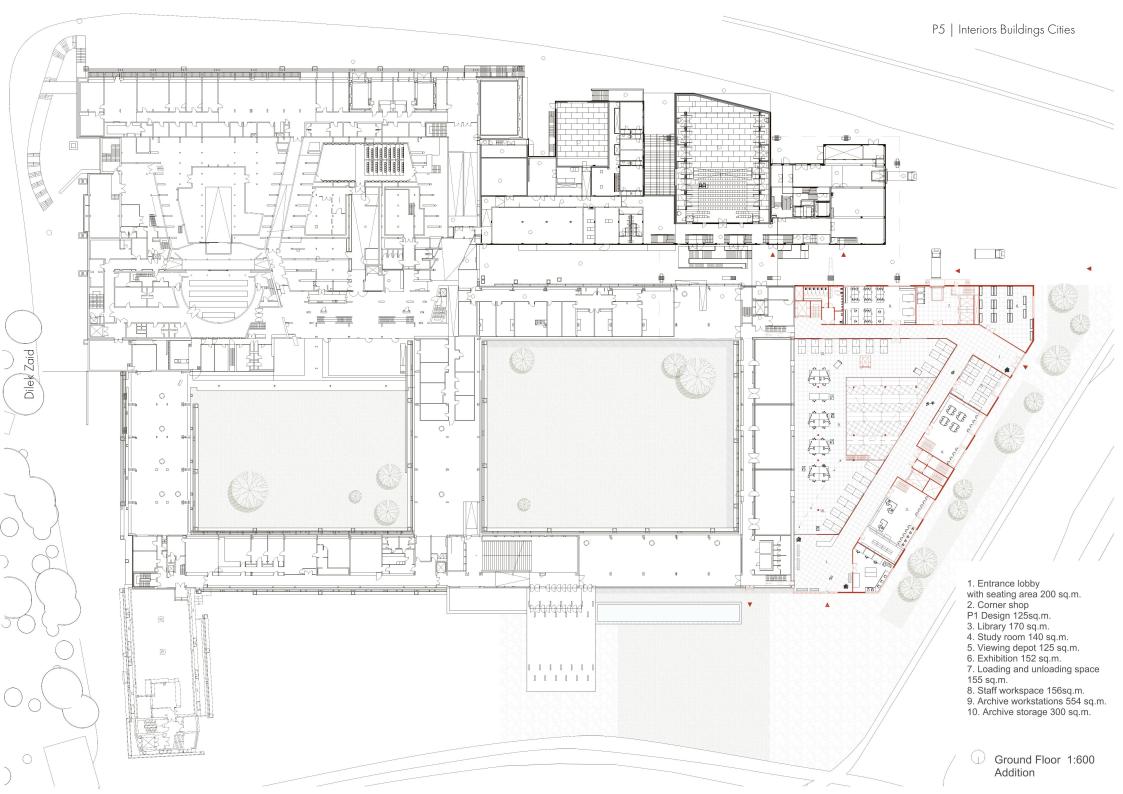
Display | Storage furniture

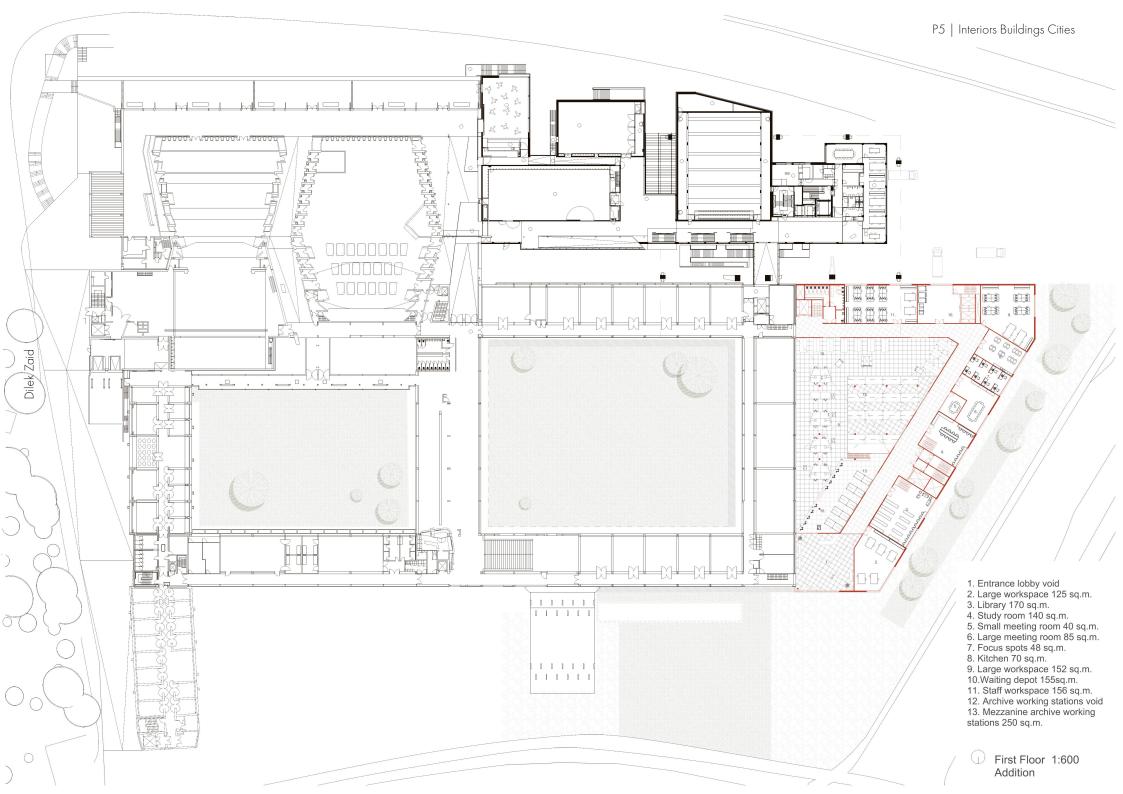


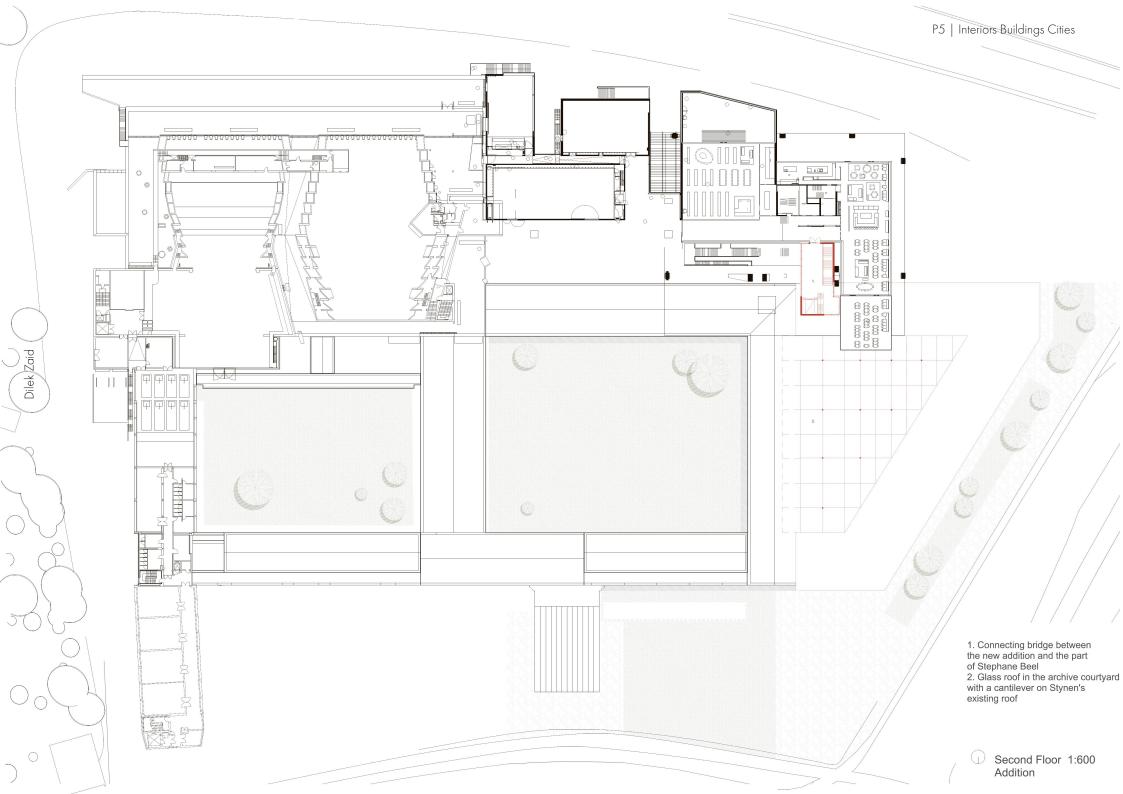
Working units



Addition







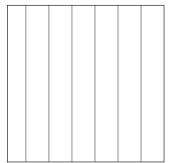
FACADE CONSIDERATIONS

Entrance gesture
Set back to bring the street corner and the entrance forward

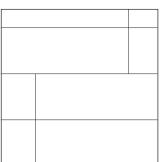
Work in relation to the existing facade of Stynen



Vertical pattern Horizontal pattern Vertical & Horizontal







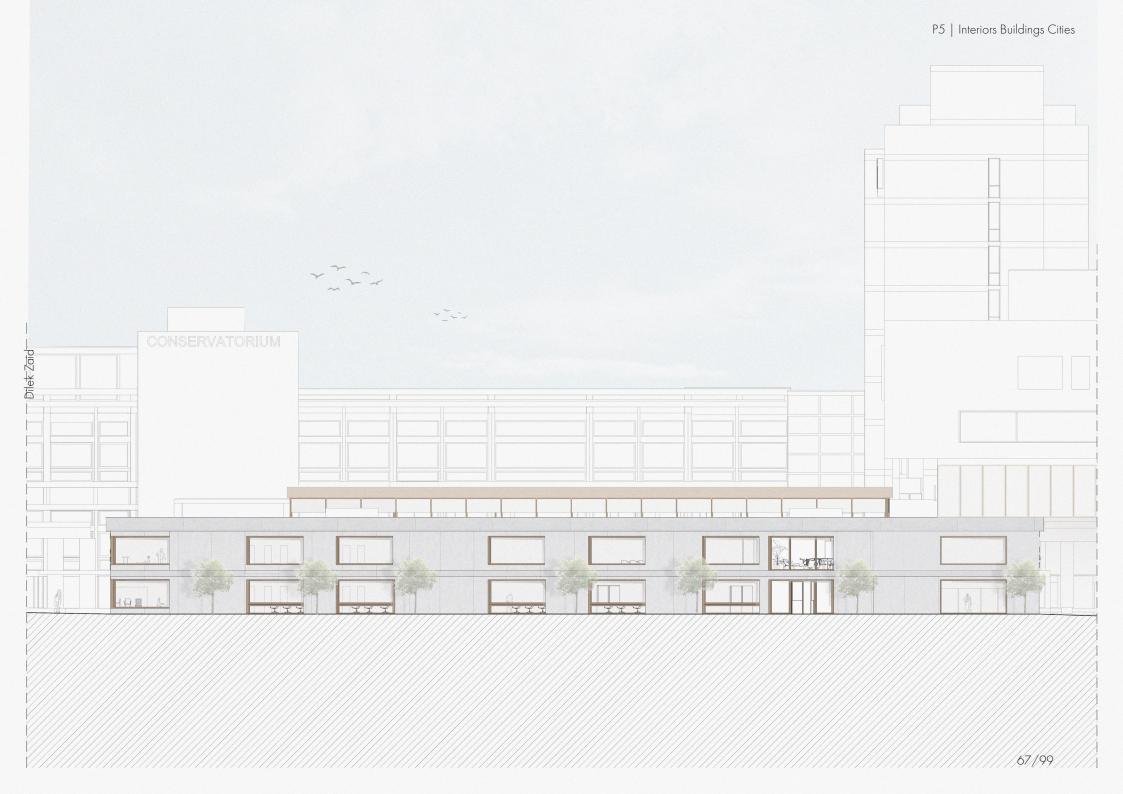






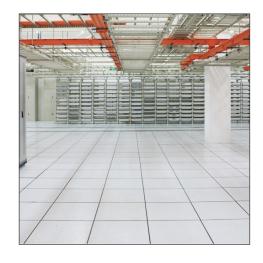


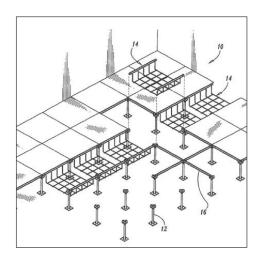




DETAIL CONSIDERATIONS

- Strong design element
- Exposed structure delicate expressing the archive which is under the sky

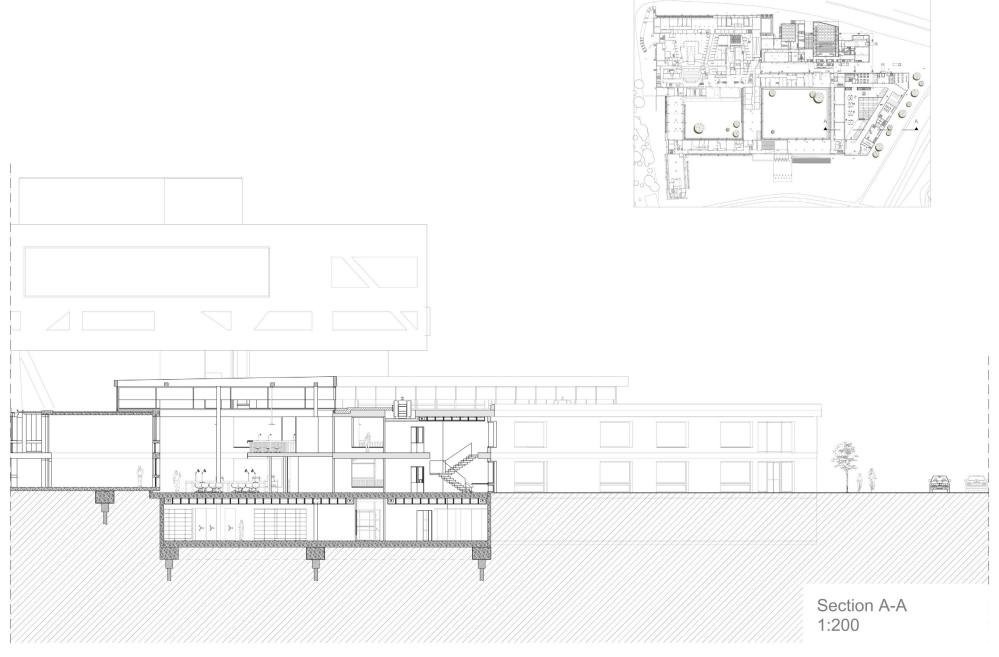


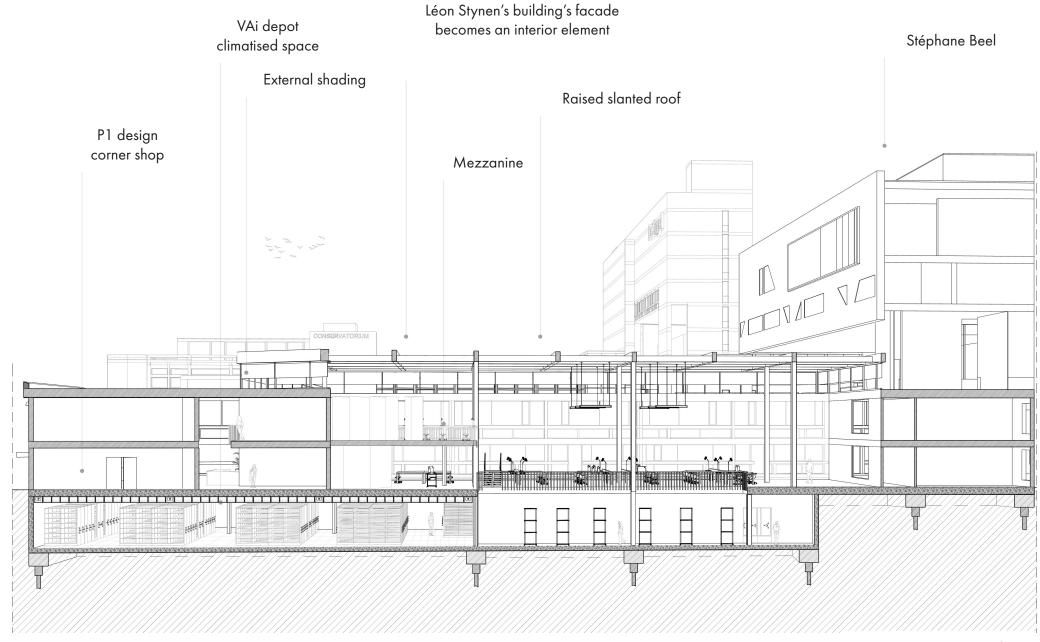


- Electricity boxes
- Integrated lighting
- Hollow box beam



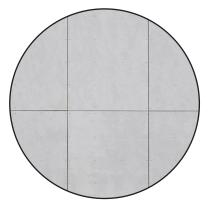








Fiber cement boards



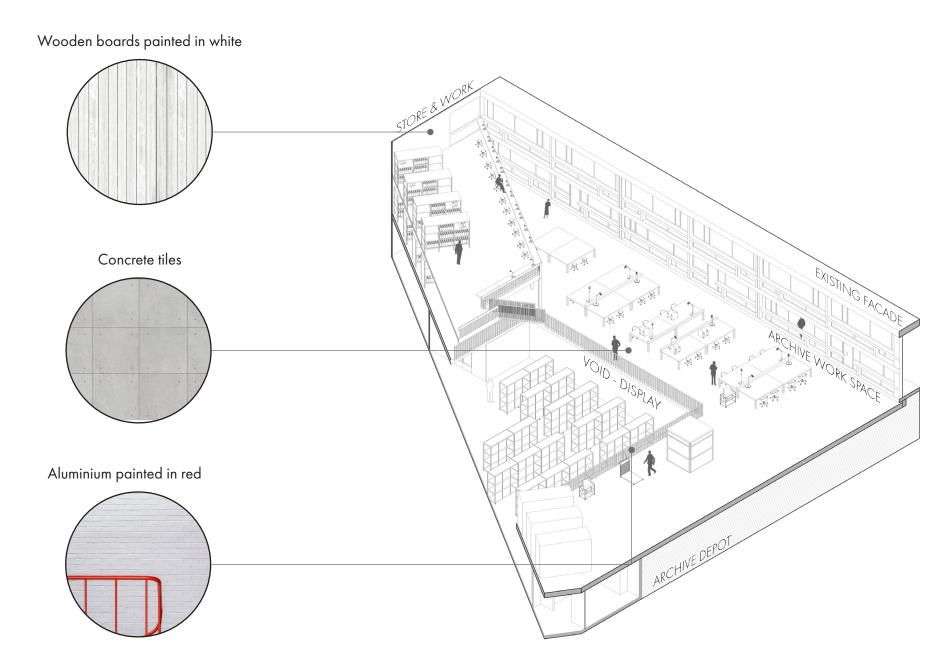
Wooden windows

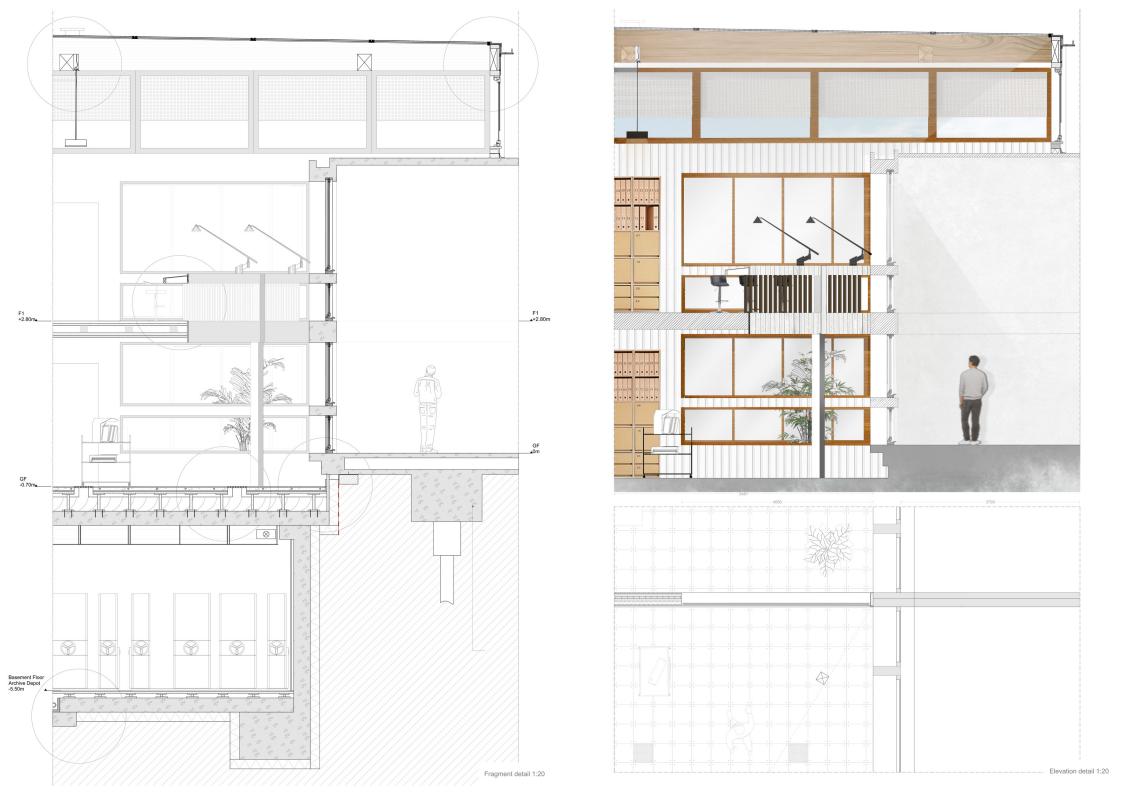


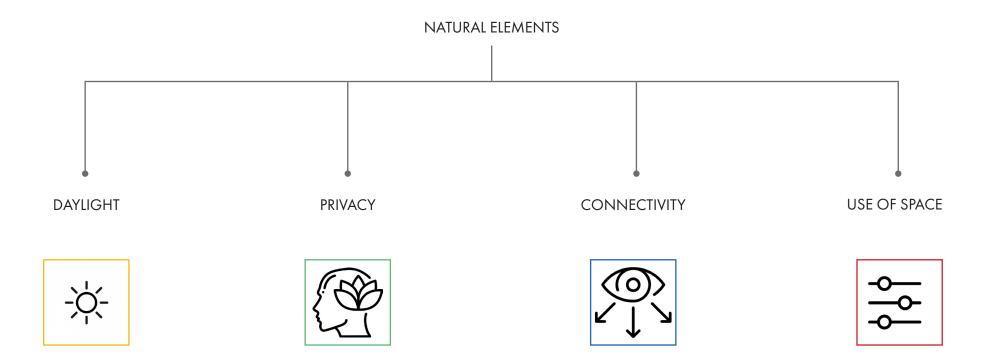
Exposed glulam beams

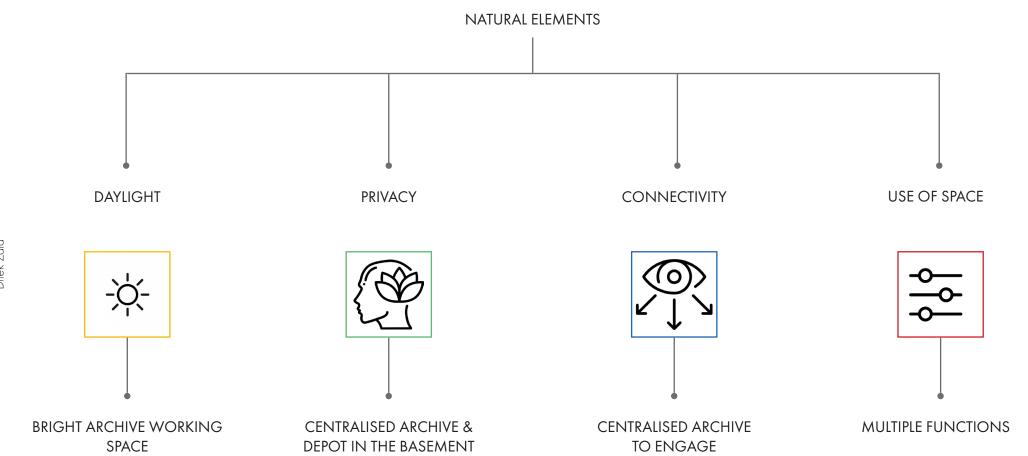


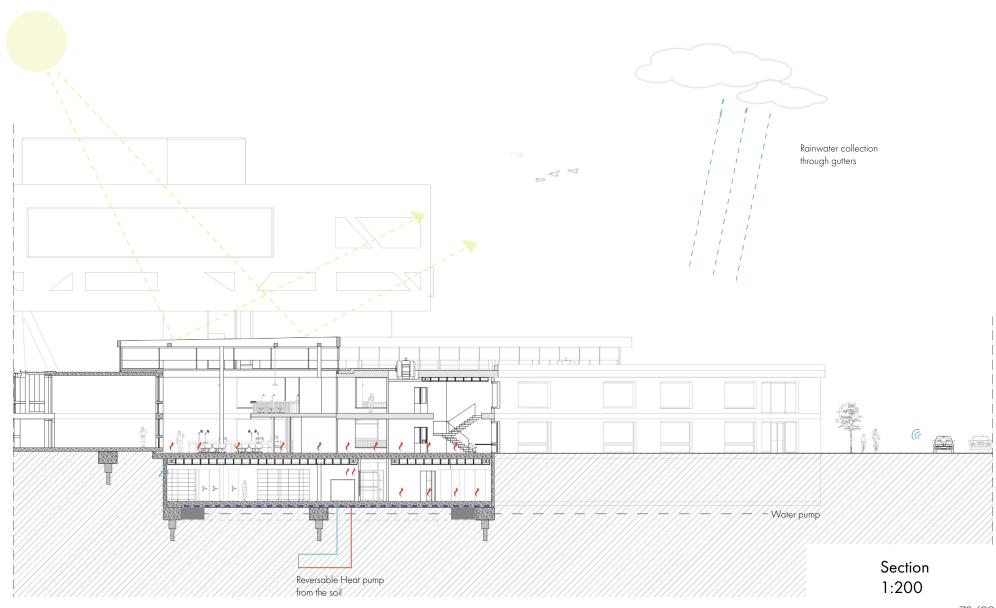
INTERIOR MATERIALITY APPLICATION



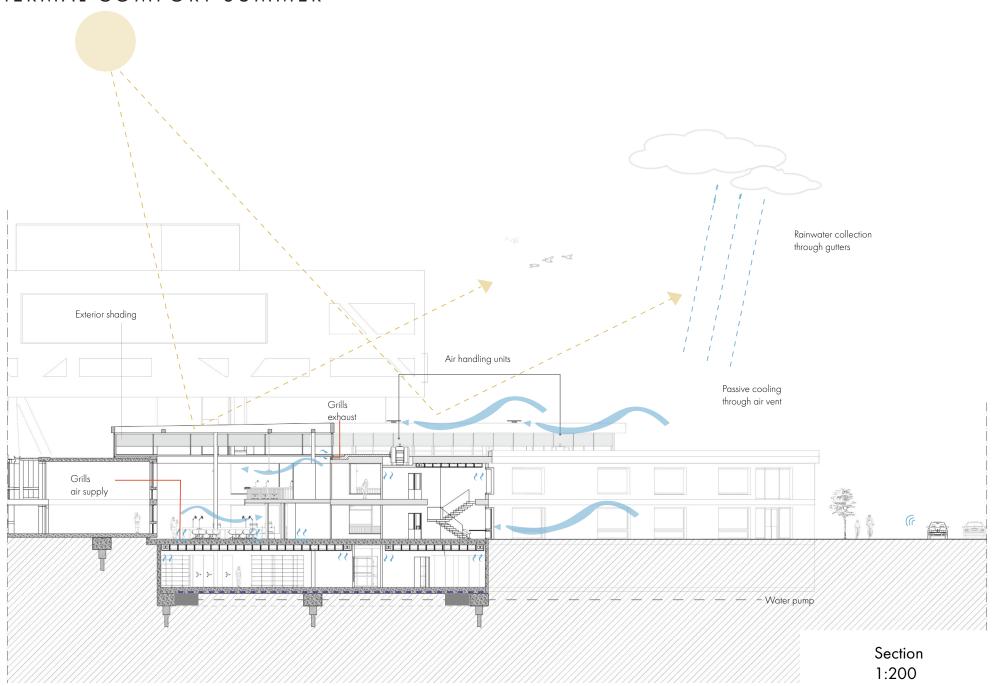




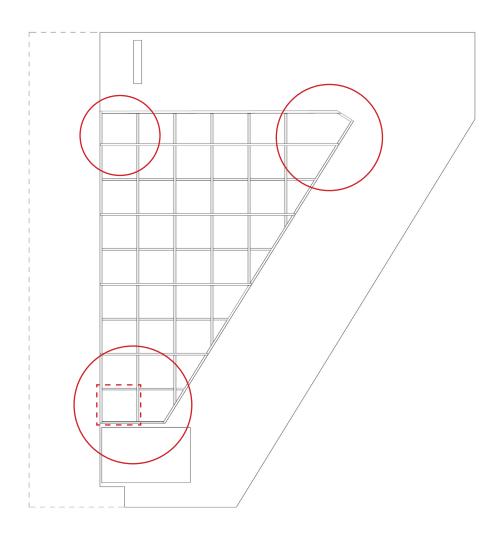




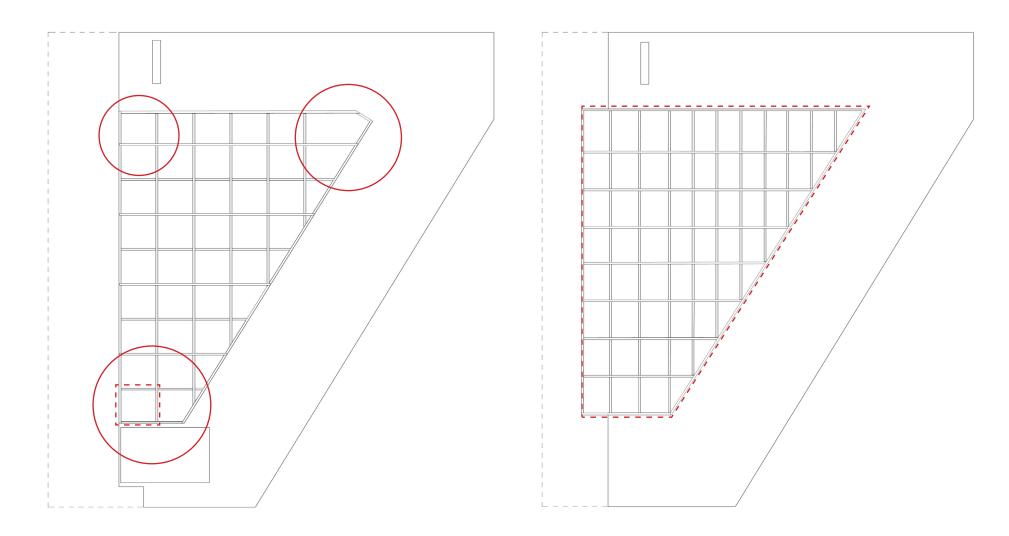
THERMAL COMFORT SUMMER

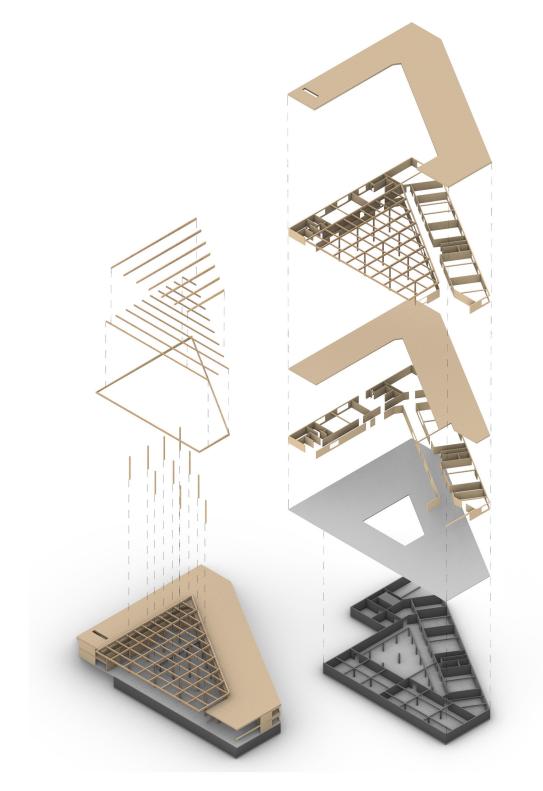


Roof grid based on prefabricated elements



Roof grid based on design geometry





Kerto LVL floor



CLT walls



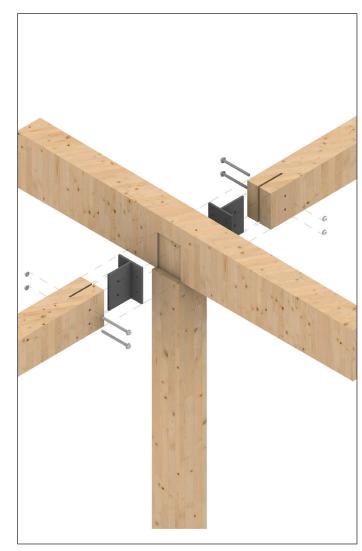
Prefabricated concrete slab

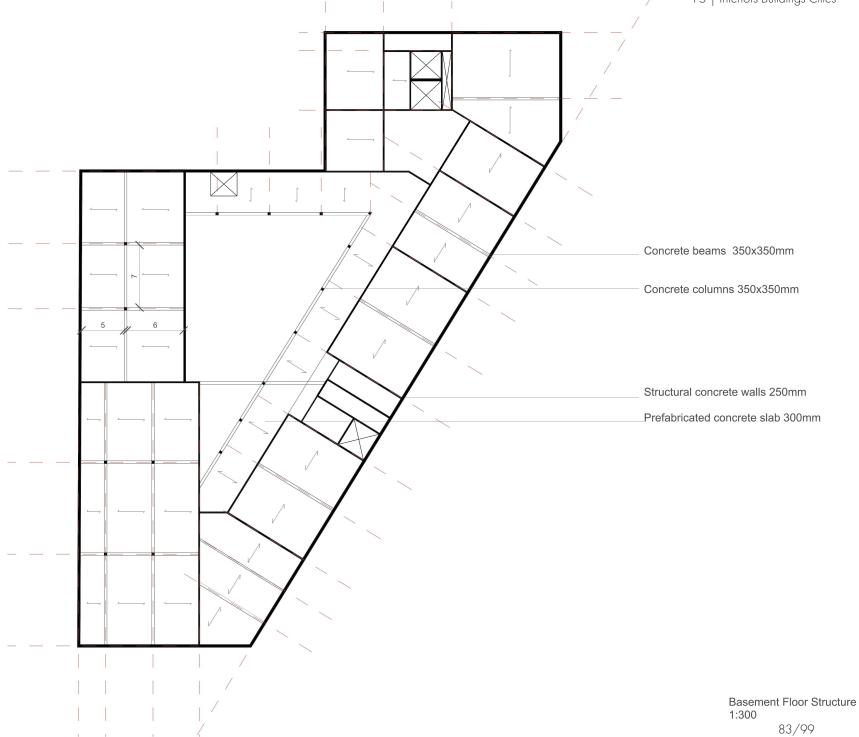


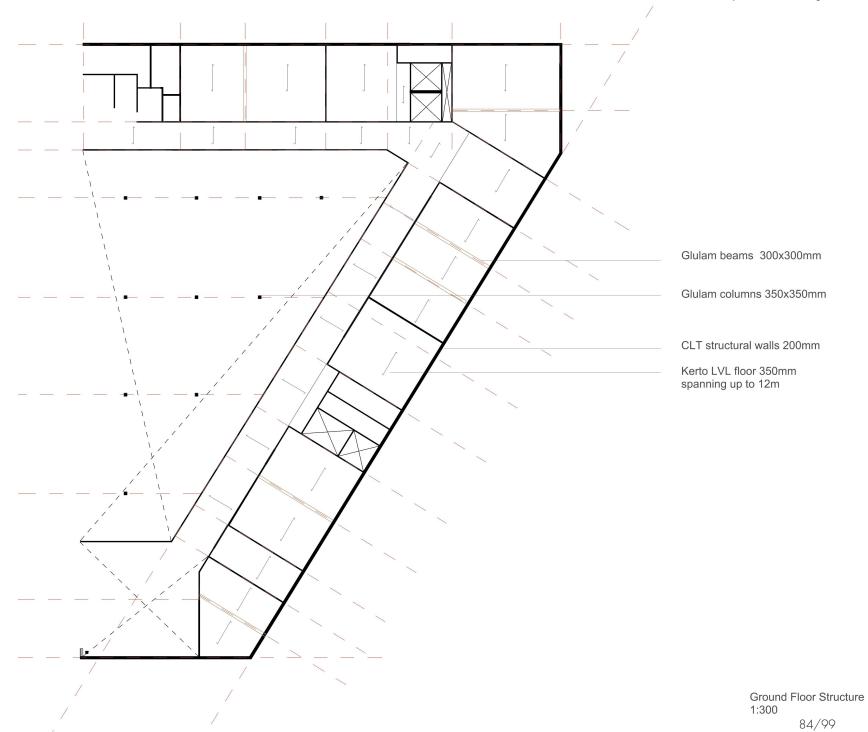
Reinforced concrete walls

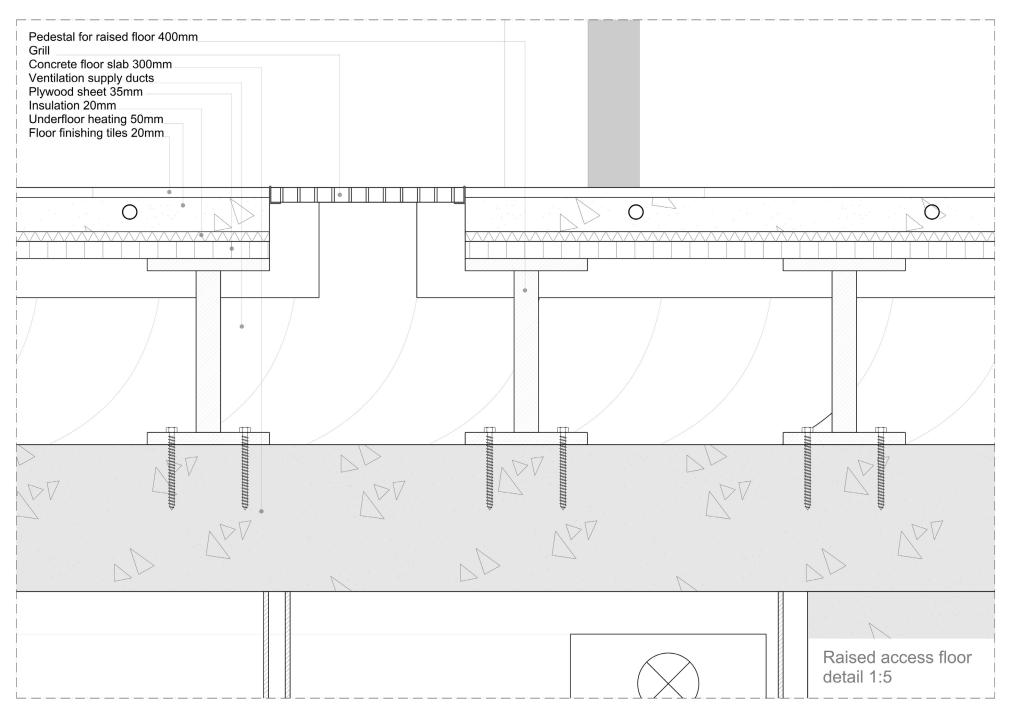


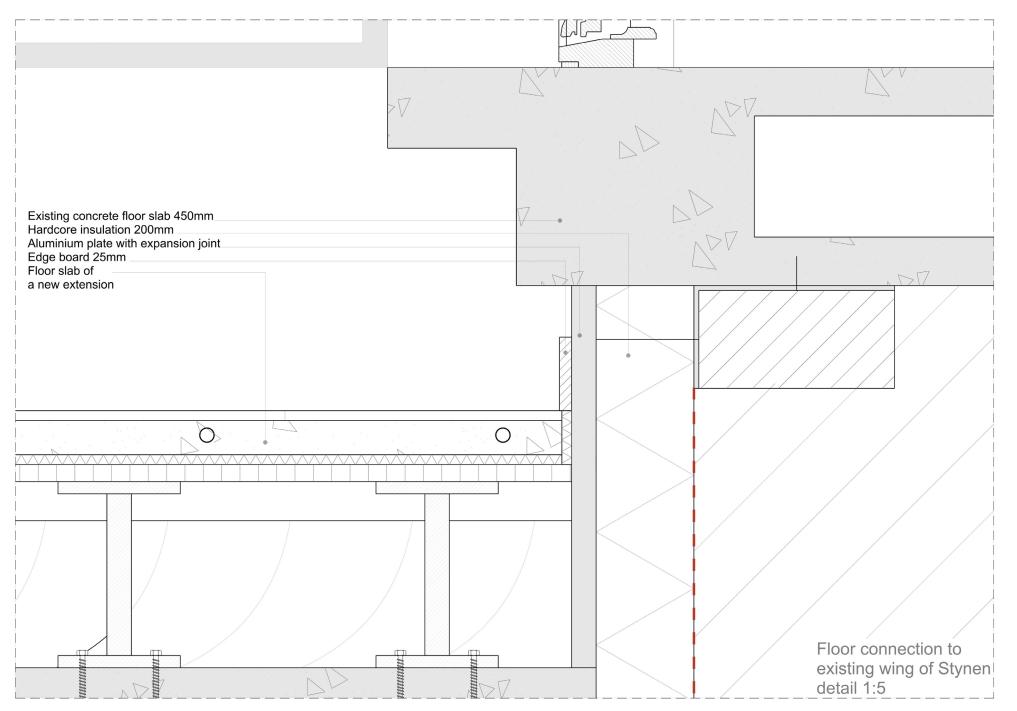
Roof primary & secondary beams connections

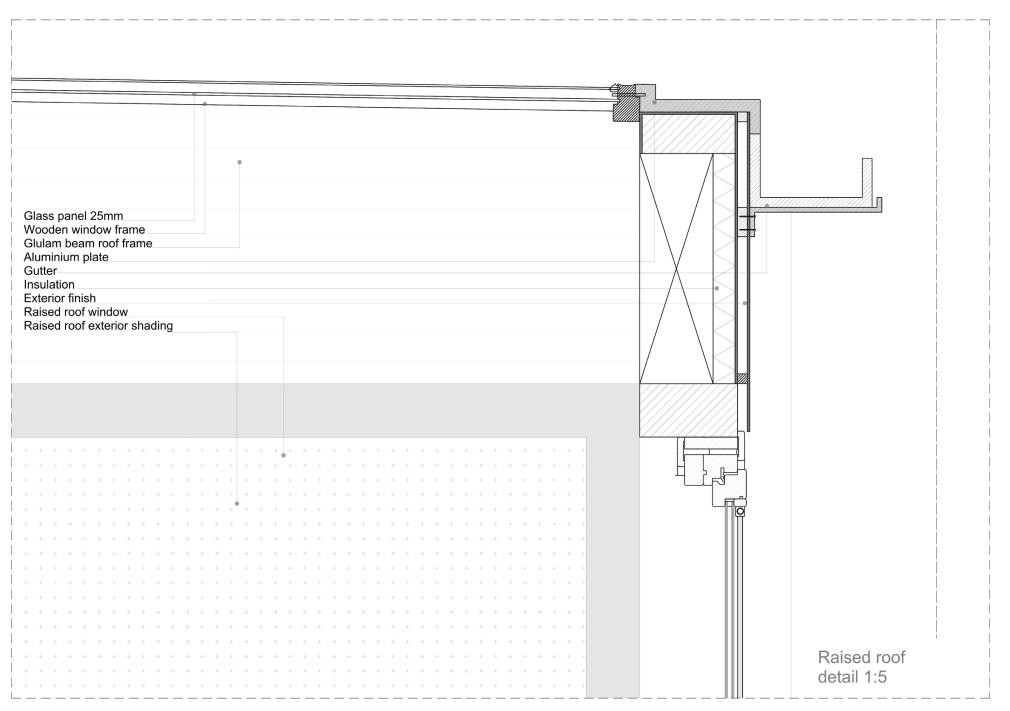














Visualisations



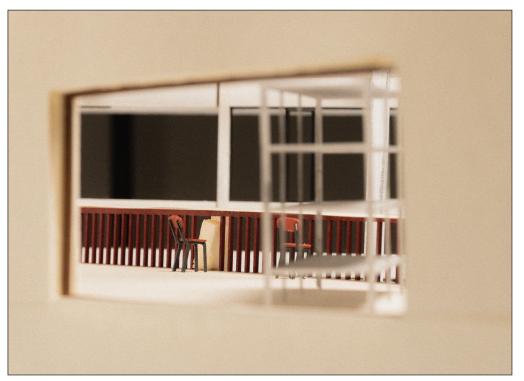


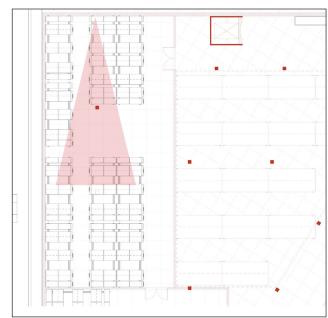
Ground floor archive



First floor archive



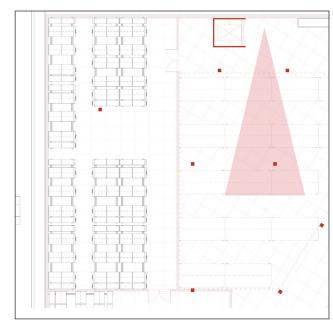




Archive | Storage pot



Physical models display





REFLECTION PROJECT



ECTION \exists R PROJECT





Interiors Buildings Cities Graduation Studio 24/25 P5 Presentation Archiving Architecture

THANK YOU FOR YOUR ATTENTION!

By Dilek Seyhan Zaid 6078656

Main mentor | Sam De Vocht Second mentor | Matthijs Klooster Third mentor | Professor Amy Thomas An Archive "under the sky"