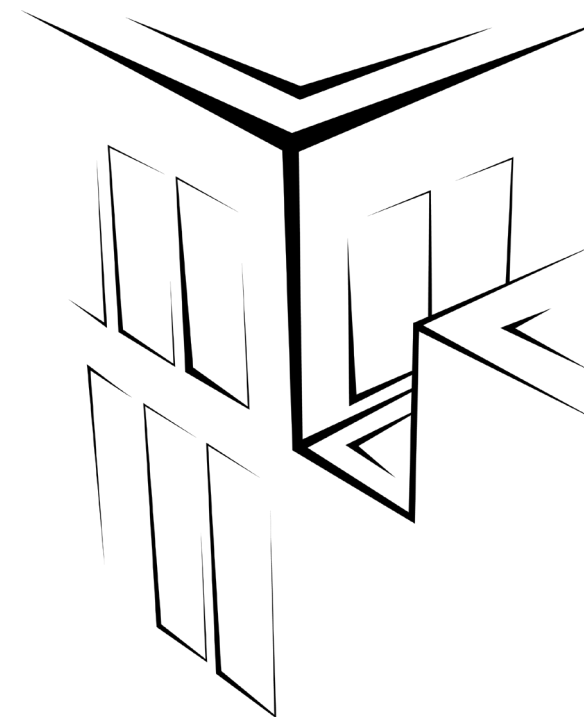


ARCH- IVING ARCHITECTURE

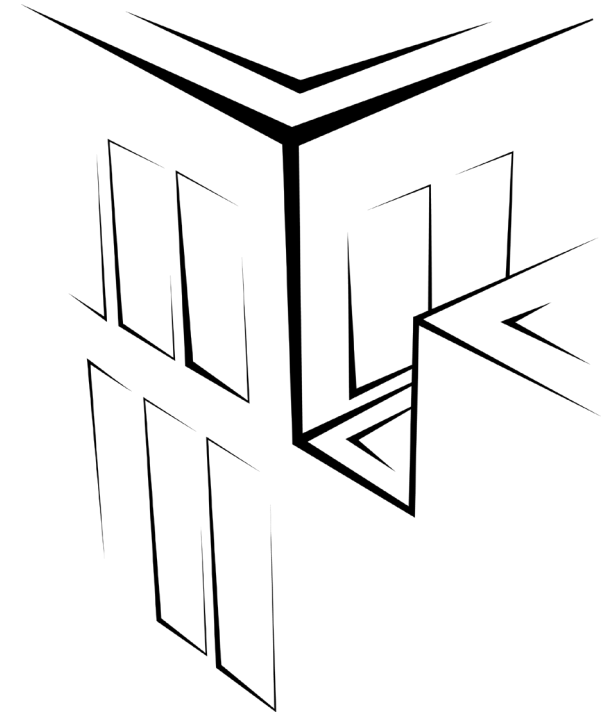
Interiors Buildings Cities – Graduation studio MSc 3/4

P5 – 18.06.2025 – Daan Benjamin Franken - 5062225

CONTENTS

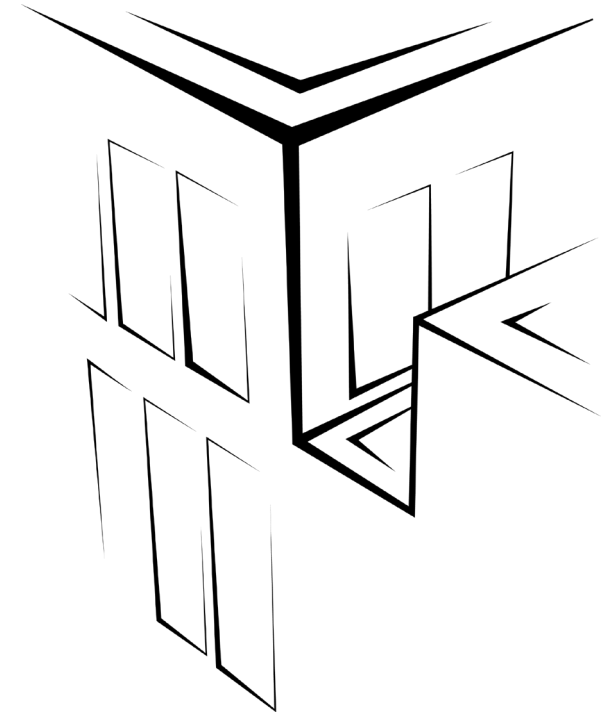


- Theoretical framework



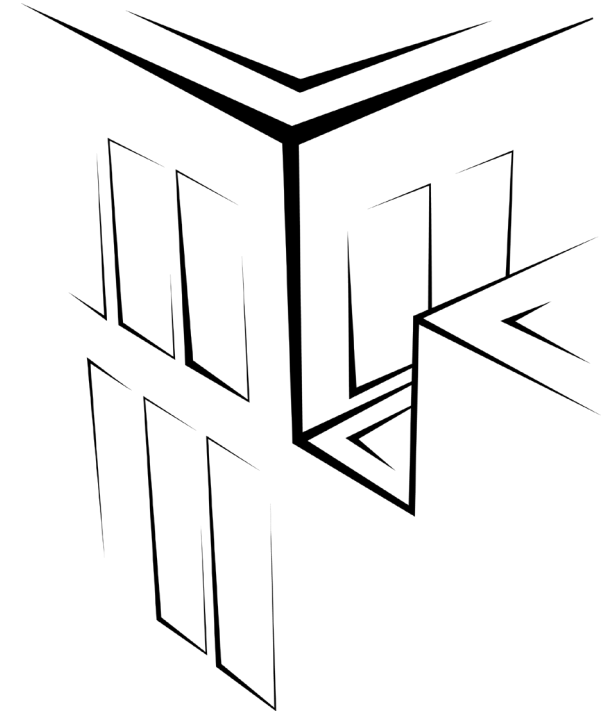
CONTENTS

- Theoretical framework
- Main concepts



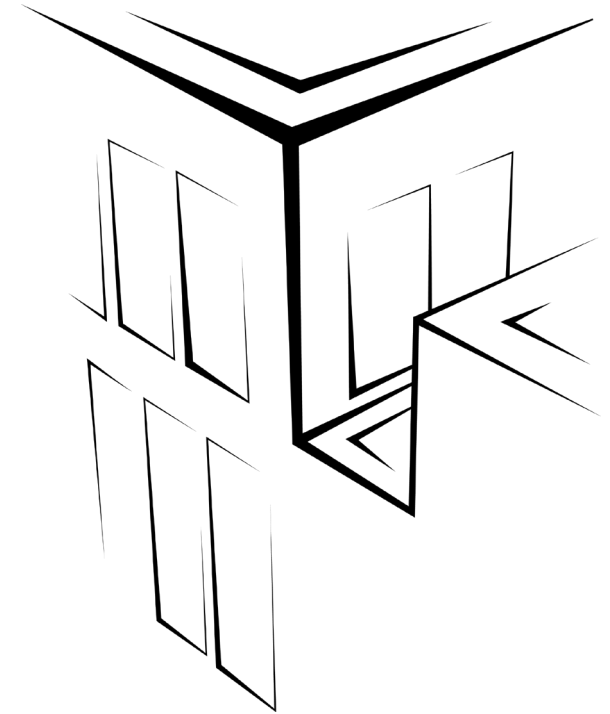
CONTENTS

- Theoretical framework
- Main concepts
- deSingel



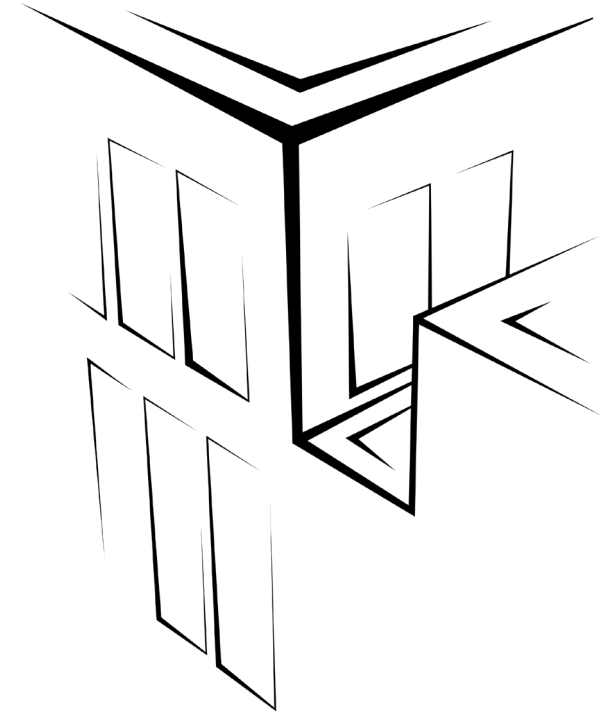
CONTENTS

- Theoretical framework
- Main concepts
- deSingel
- Proposal



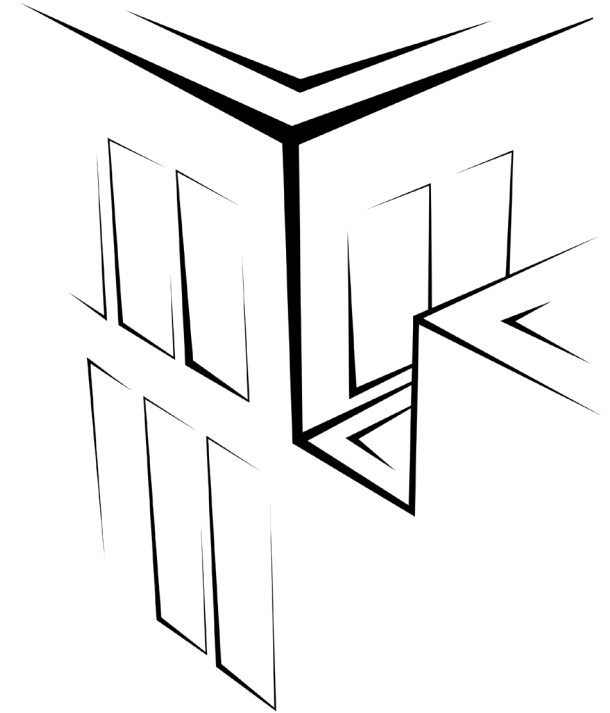
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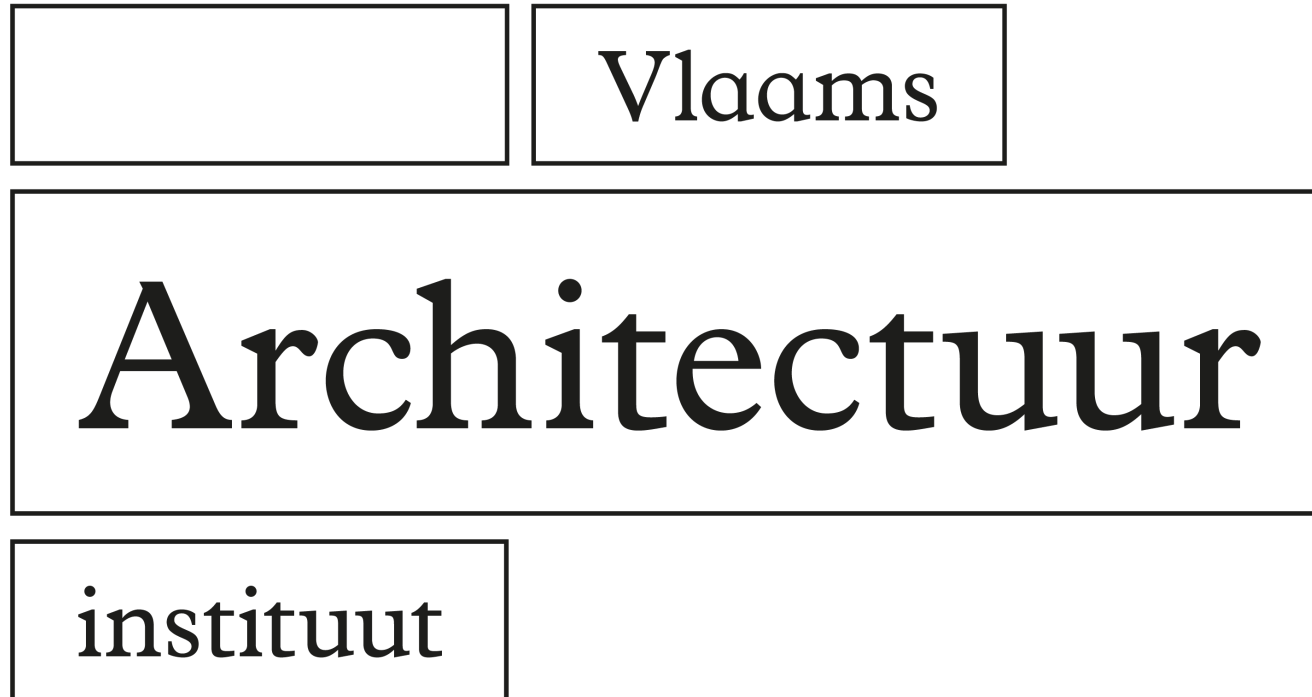
- Theoretical framework
- Main concepts
- deSingel
- Proposal
 - Main design



CONTENTS

- Theoretical framework
- Main concepts
- deSingel
- Proposal
 - Main design
 - Typologies





01

01_VAi logo

ASSIGNMENT



02

02_Stasi Records Archive in Berlin

ASSIGNMENT



03

03_Steven Holl Architects archive

“What constitutes an Architectural Archive?”

ritual of making secret, it seems clear that the archive is primarily the product of a judgement, the result of the exercise of a specific power and authority, which involves placing certain documents in an archive at the same time as others are discarded. The archive, therefore, is fundamentally a matter of discrimination and of selection, which, in the end, results in the granting of a privileged status to certain written documents, and the refusal of that same status to others, thereby judged 'unarchivable'. The archive is, therefore, not a piece of data, but a status.

04_Excerpt from The Power of the Archive and its Limits (Mbembe, 2002)

Its status is also an imaginary one. The imaginary is characterised by two properties already mentioned above: the architectural nature and the religious nature of the archive. No archive can be the depository of the entire history of a society, of all that has happened in that society. Through archived documents, we are presented with pieces of time to be assembled, fragments of life to be placed in order, one after the other, in an attempt to formulate a story that acquires its coherence through the ability to craft links between the beginning and the end. A montage of fragments thus creates an illusion of totality and

05_Excerpt from The Power of the Archive and its Limits (Mbembe, 2002)

READINGS AND DISCUSSIONS

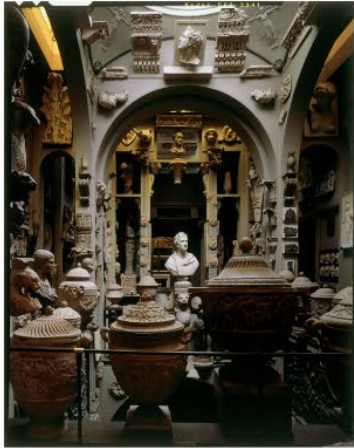
helping to create a culture which might be considered amongst the most exciting in the world.

Having failed to complete a project, launched via a competition, to create a new home for the archive, within a disused church, the collection remains in need of a permanent home and new direction. This will be our graduation project for this year. We will be working with the VAI and other significant voices to think speculatively about how to develop a new architectural archive, not on its originally intended site but instead in the context of the VAI's home, the architect Leon Stynen's monumental modernist culture campus of de Singel, on the periphery of Antwerp's historic centre.

06

06_Excerpt from the first brief

PRECEDENTS



07

07_Precedent studies

PRECEDENTS



08



09

08_Canadian Centre for Architecture
09_CCA vaults 1:15 model

PRECEDENTS



10

10_Soane's museum

PRECEDENTS



11

11_CCA section

PRECEDENTS



11_CCA section

PRECEDENTS

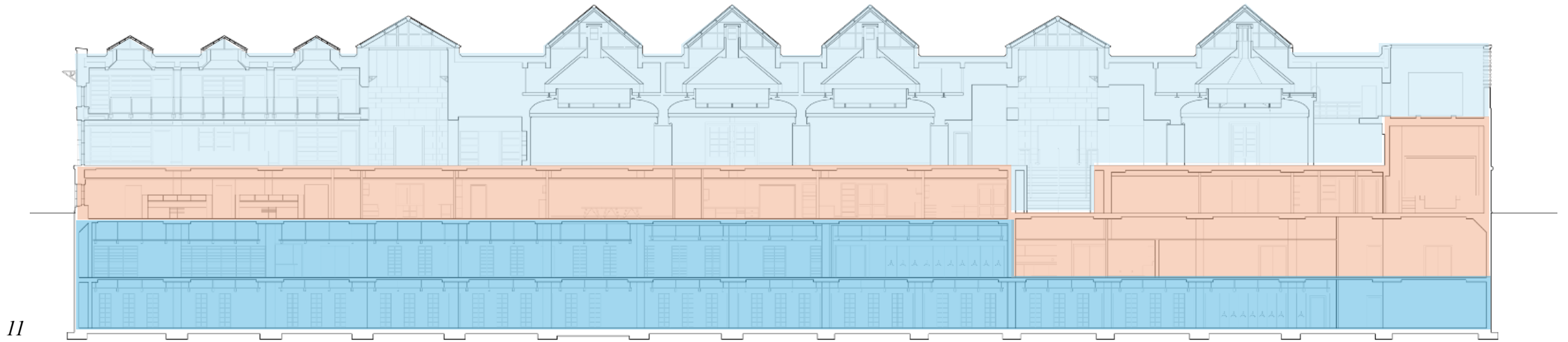
THEORETICAL FRAMEWORK



11

11_CCA section

PRECEDENTS



II_CCA section

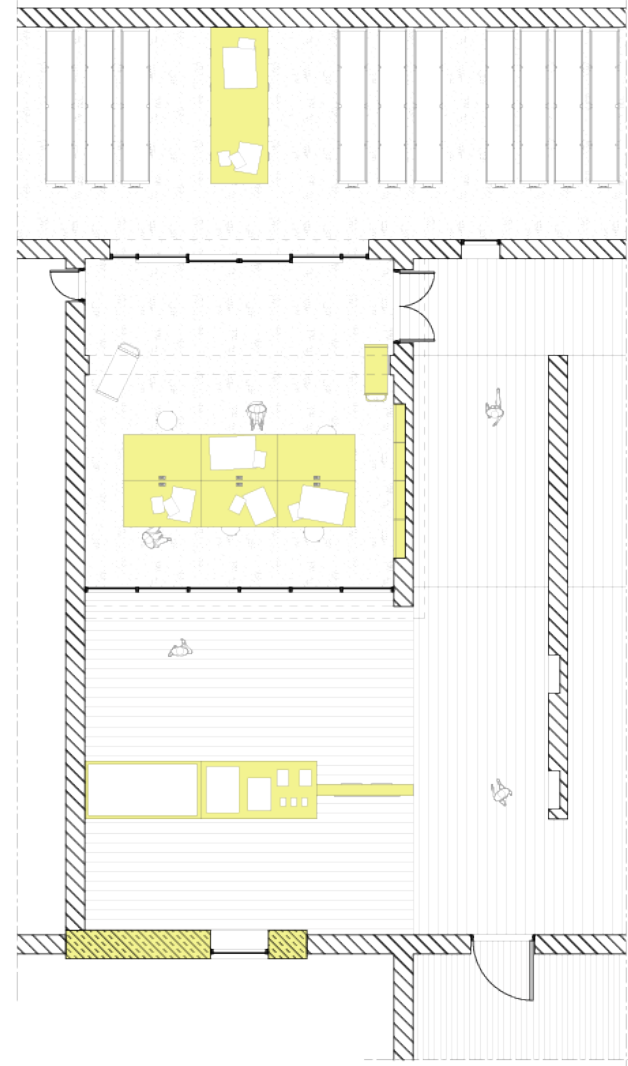


12

P1



12



13

12_P1 project photo
13_P1 plan

- THREE PRIMARY FUNCTIONS OF AN ARCHIVE
 - STORE
 - RESEARCH
 - EXHIBIT

- **THREE PRIMARY FUNCTIONS OF AN ARCHIVE**
 - STORE
 - RESEARCH
 - EXHIBIT
- **TRANSPARENCY AND VISIBILITY**

- THREE PRIMARY FUNCTIONS OF AN ARCHIVE
 - STORE
 - RESEARCH
 - EXHIBIT
- TRANSPARENCY AND VISIBILITY
- **USER EXPERIENCE**

- THREE PRIMARY FUNCTIONS OF AN ARCHIVE
 - STORE
 - RESEARCH
 - EXHIBIT
- TRANSPARENCY AND VISIBILITY
- USER EXPERIENCE
- **MEDIATING EXISTING DISCREPANCIES**

BUILDINGS OF THE VAI



14

14_Citu plan Antwerp

BUILDINGS OF THE VAI



14



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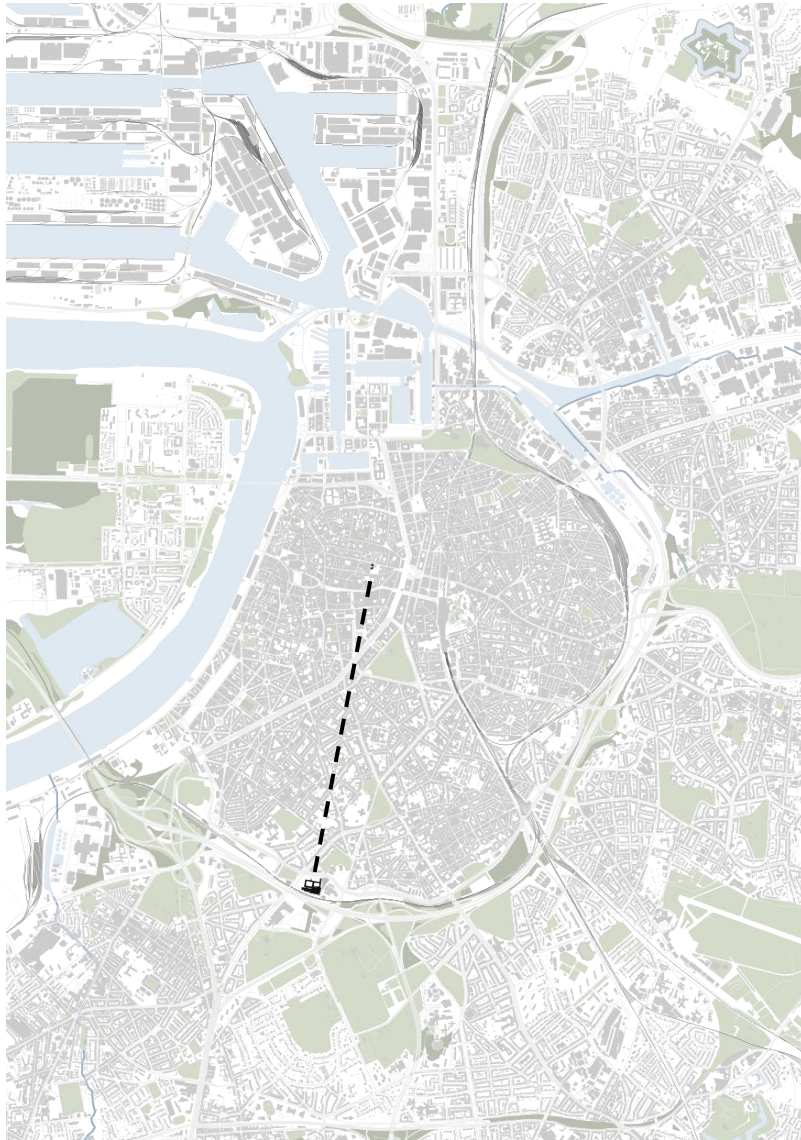
14_Citu plan Antwerp
15_deSingel

BUILDINGS OF THE VAI



14_Citu plan Antwerp
15_deSingel
16_Depot location VAI

BUILDINGS OF THE VAI



14



15



16

14_Citu plan Antwerp
15_deSingel
16_Depot location VAI

BUILDINGS OF THE VAI



17

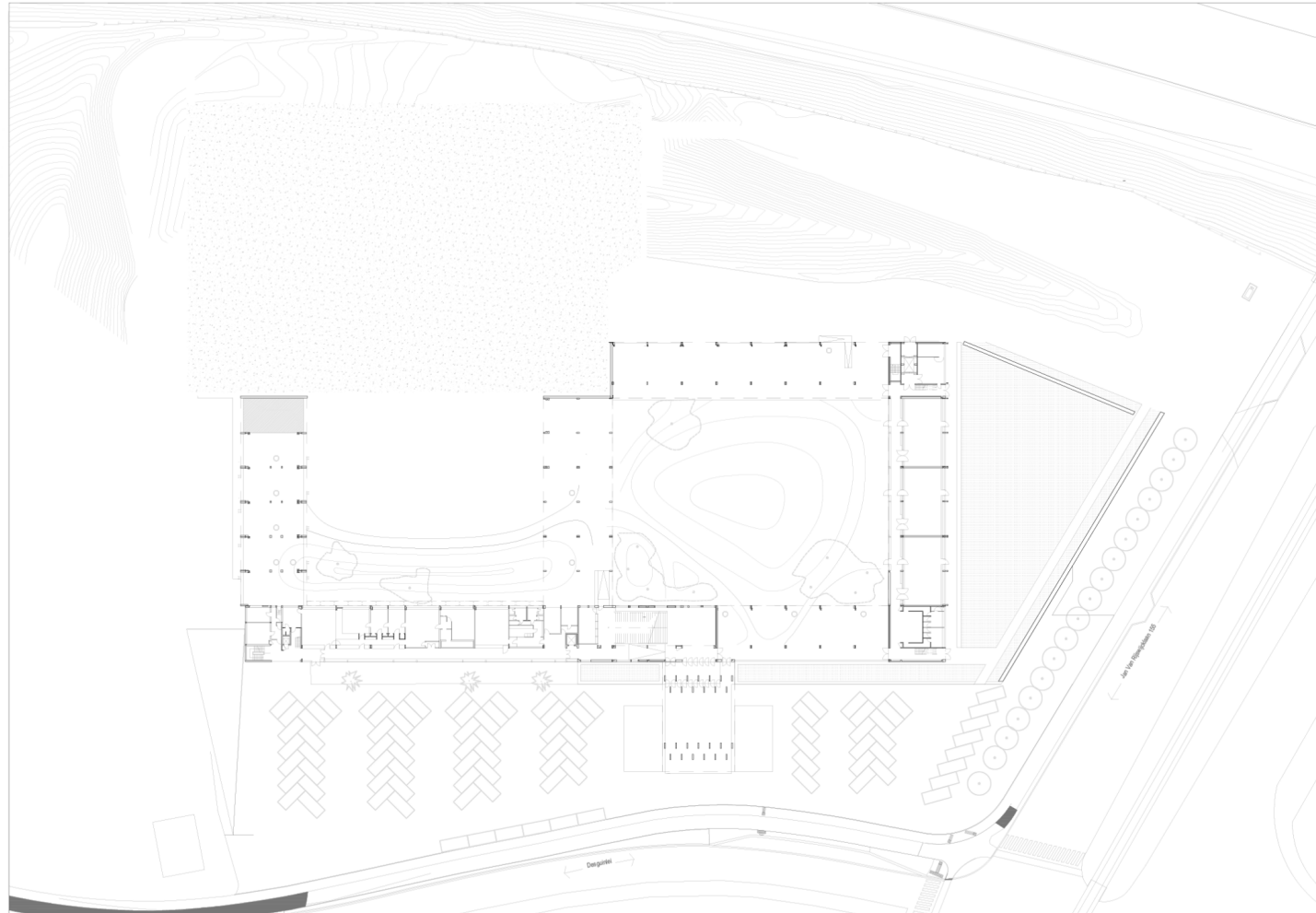


17_Interior current VAI depot

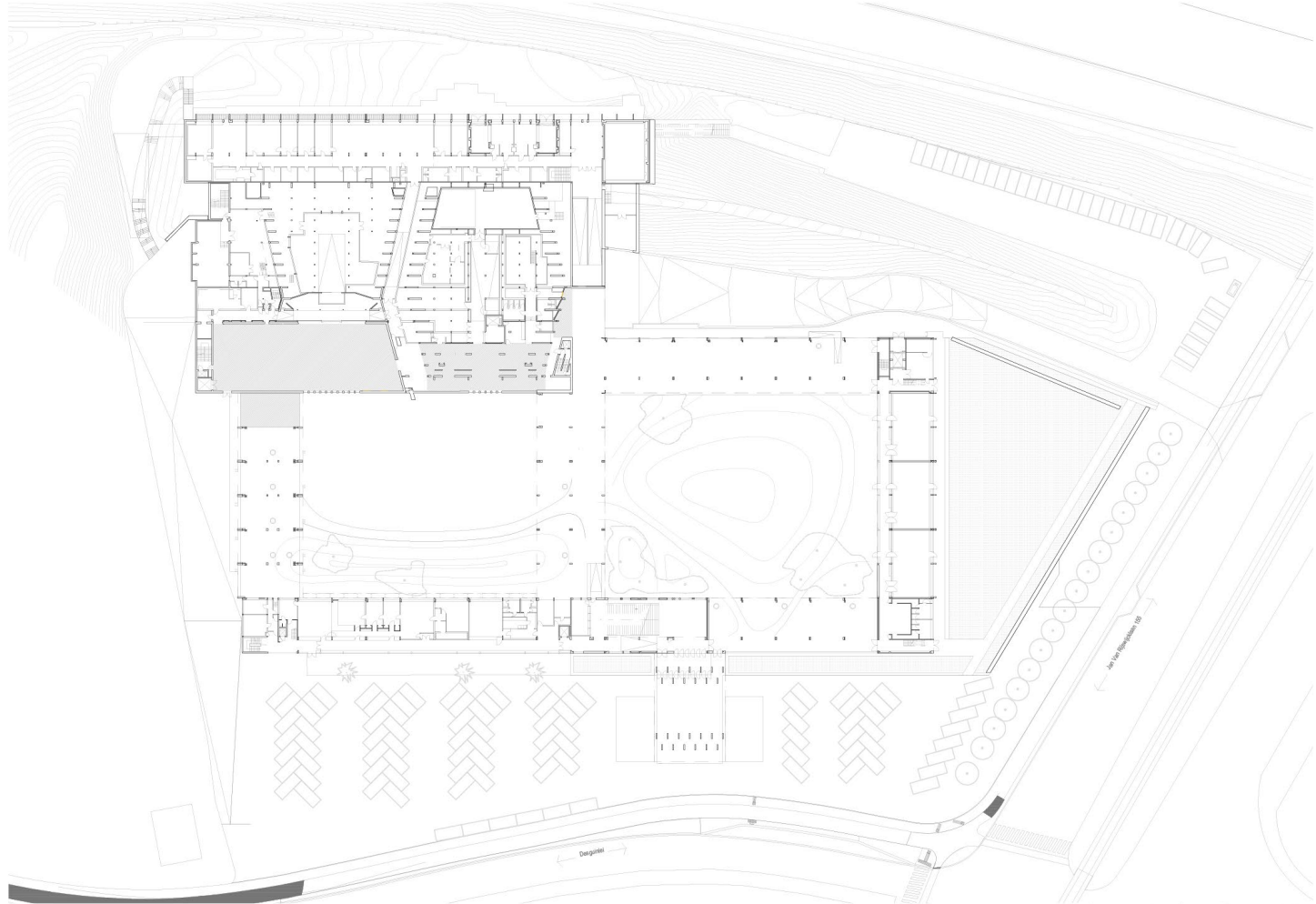


18

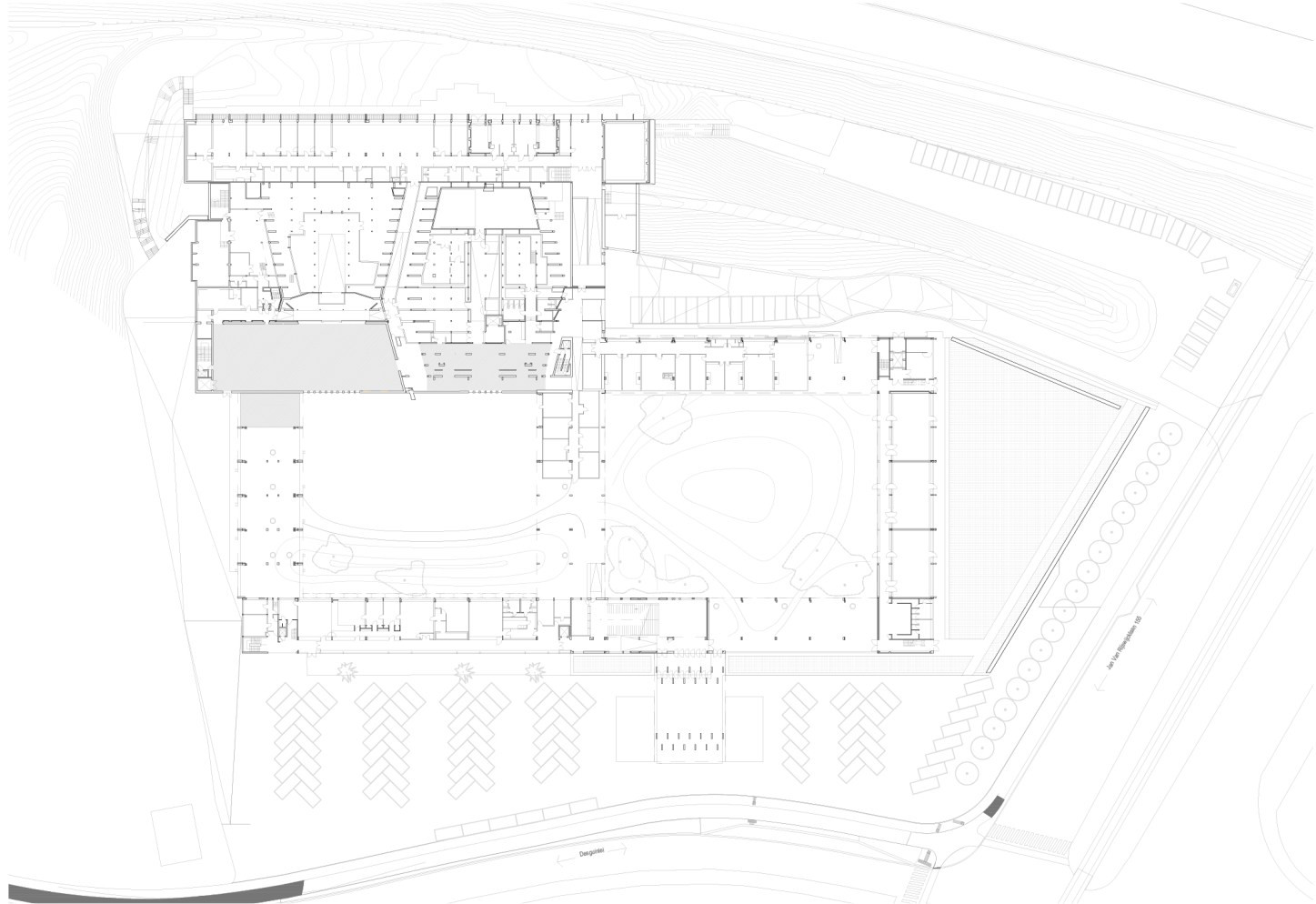
18_deSingel

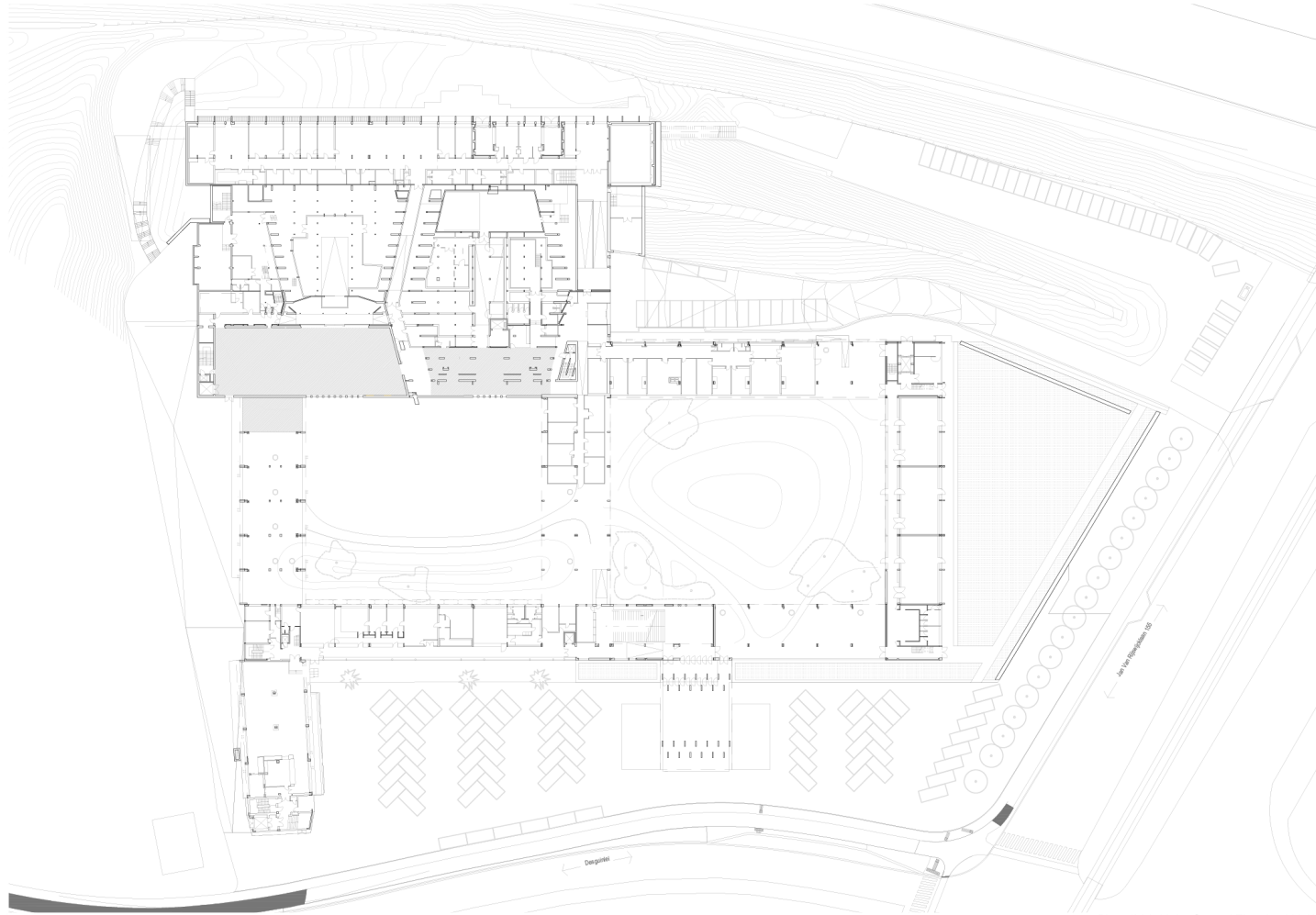


Phase I (1965) - Ground Floor | 1:800 (A3)

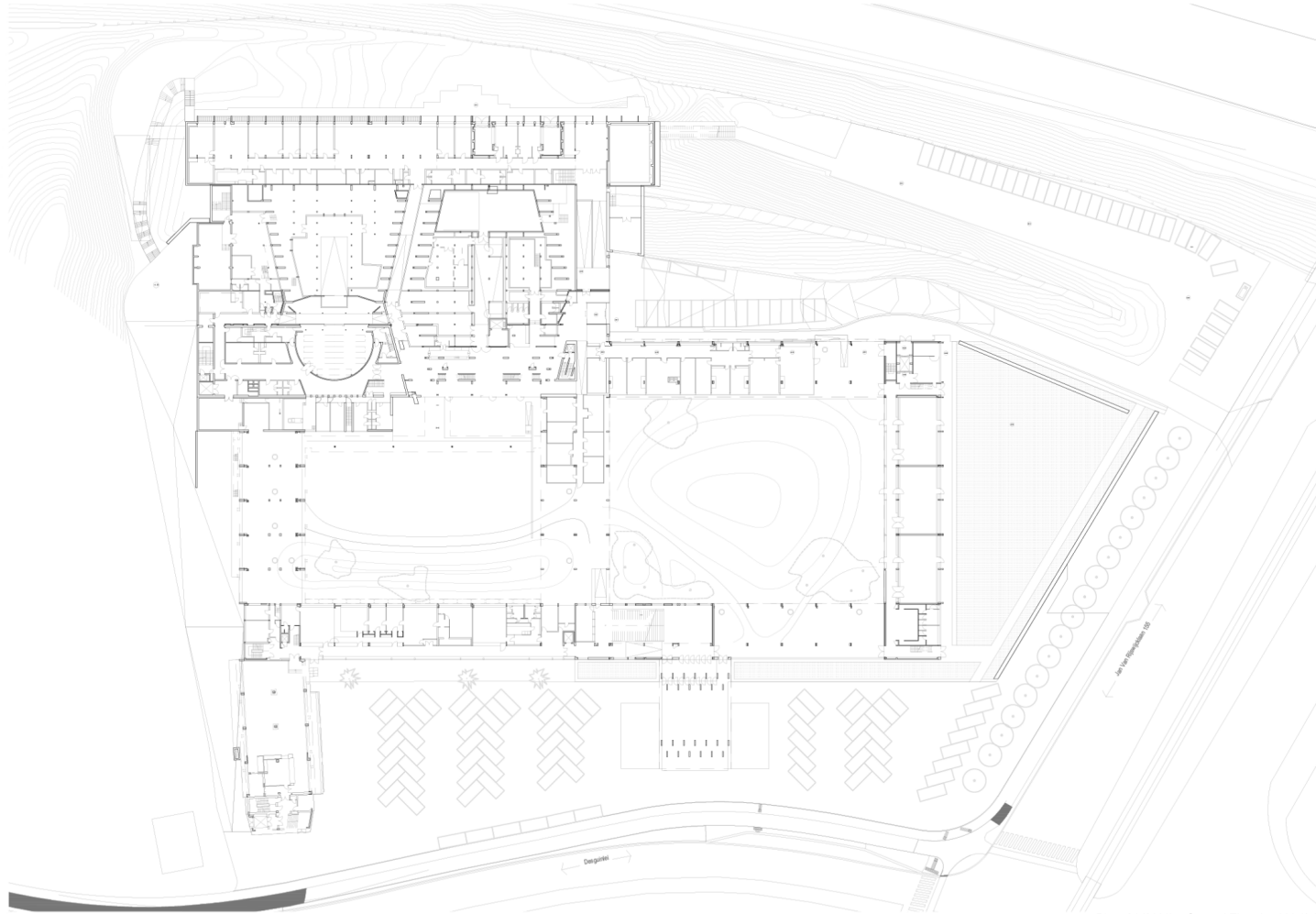


Phase II (1980) - Ground Floor | 1:800 (A3)

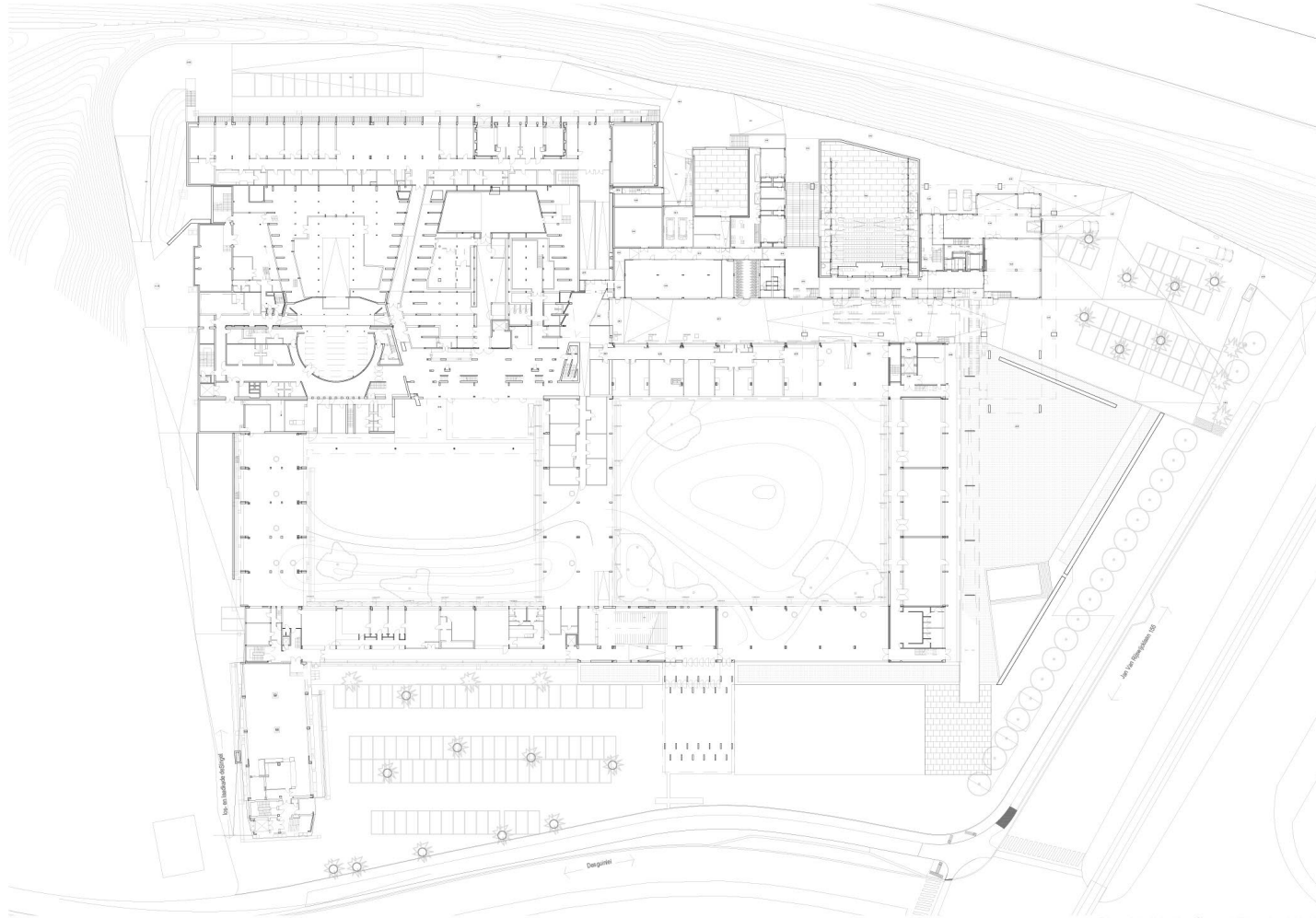




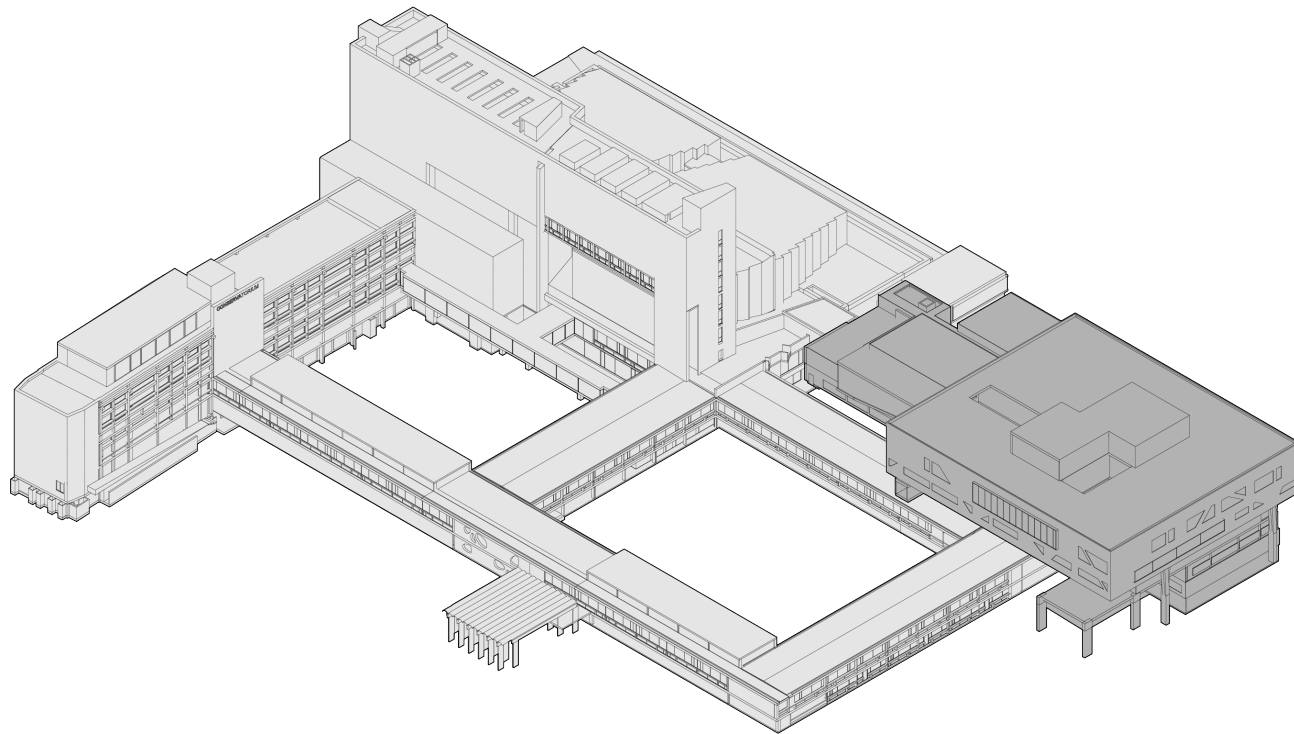
Phase IV (1985) - Ground Floor | 1:800 (A3)

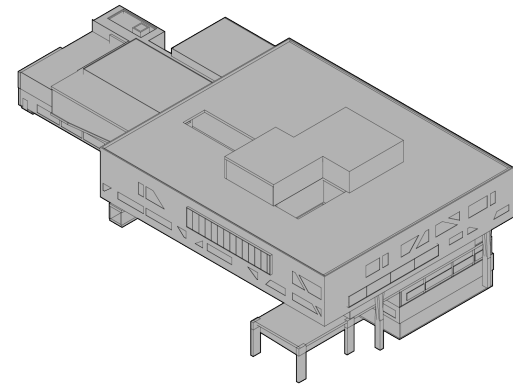
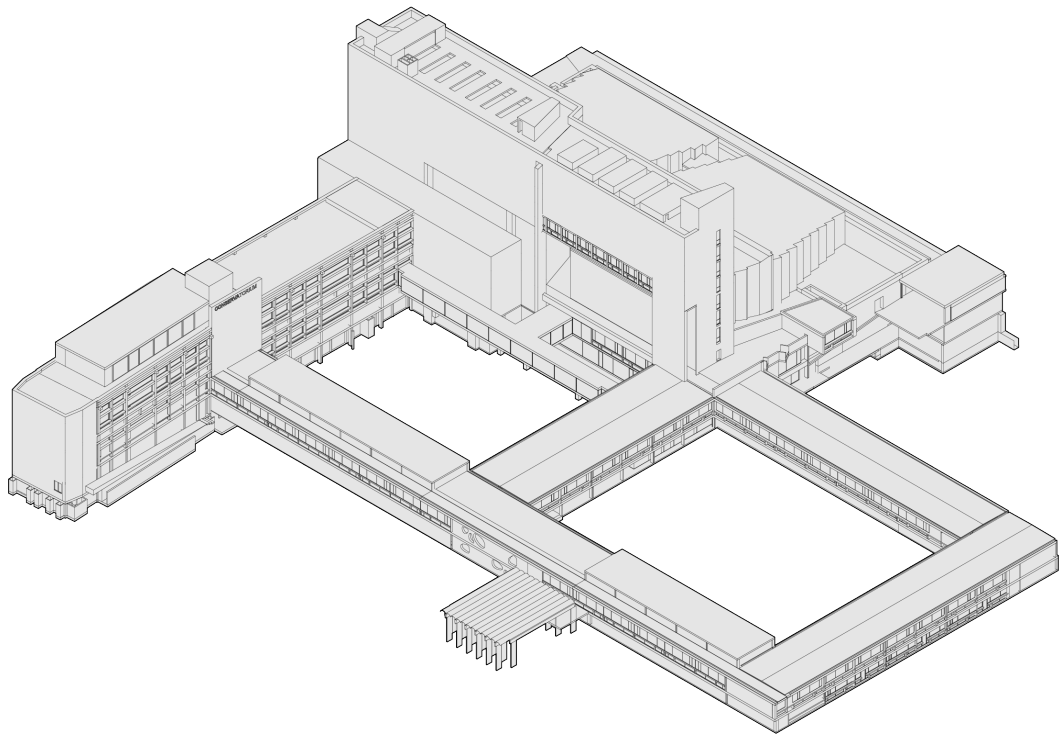


Phase V (2000) - Ground Floor | 1:800 (A3)

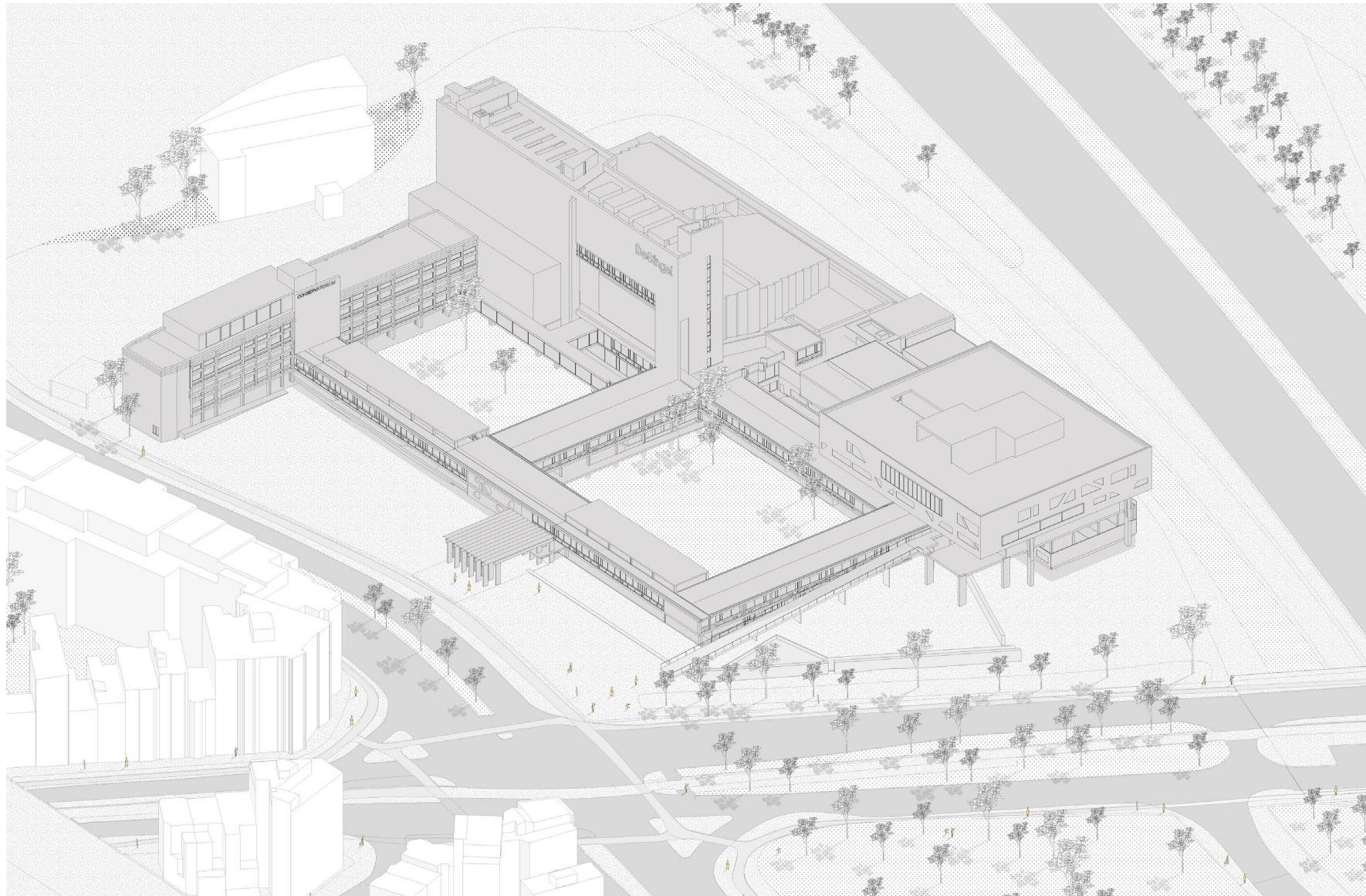


Phase VI (2010) - Ground Floor | 1:800 (A3)





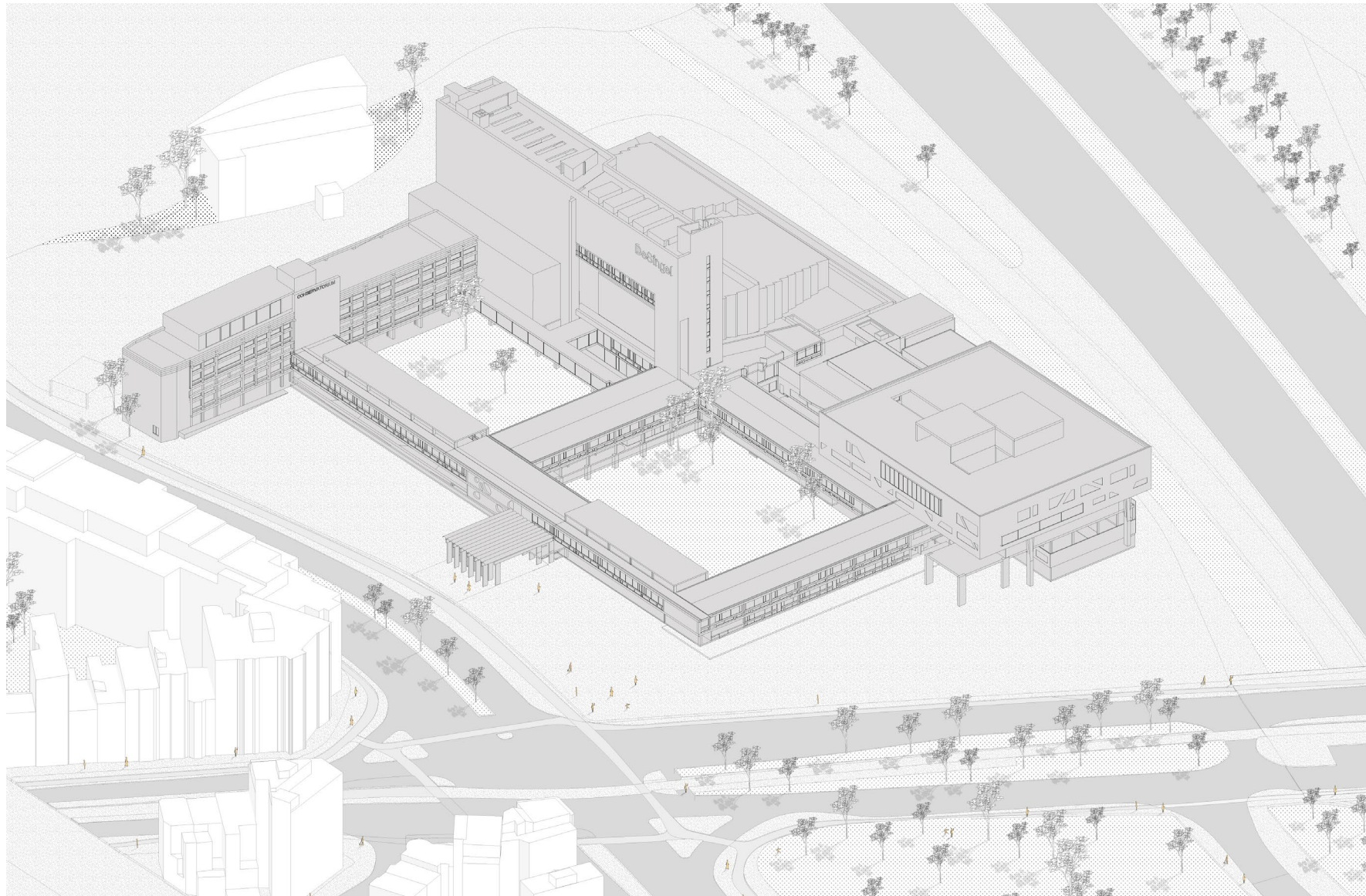
MAIN DESIGN



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21_Form diagrams

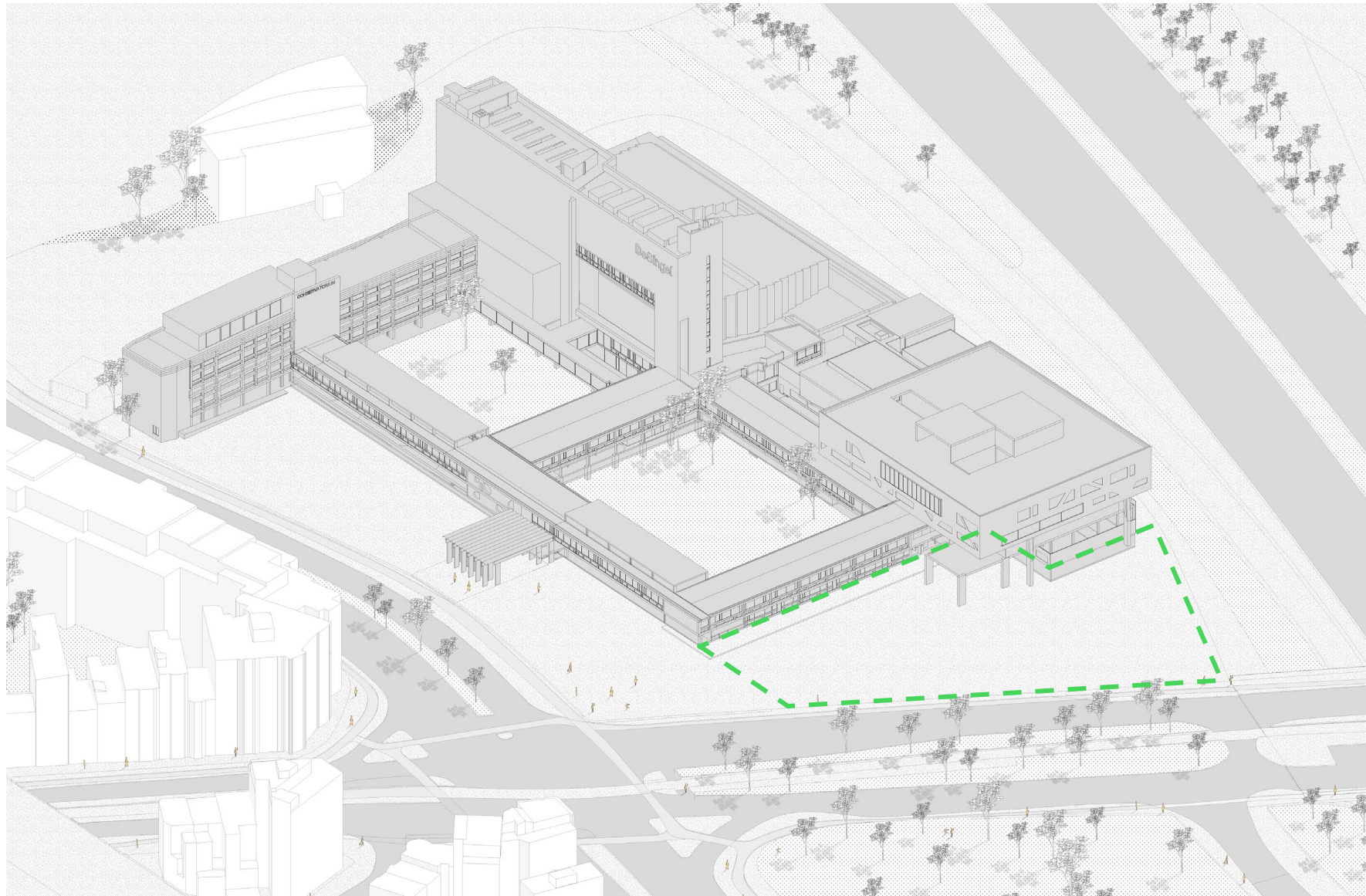
MAIN DESIGN



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21_Form diagrams

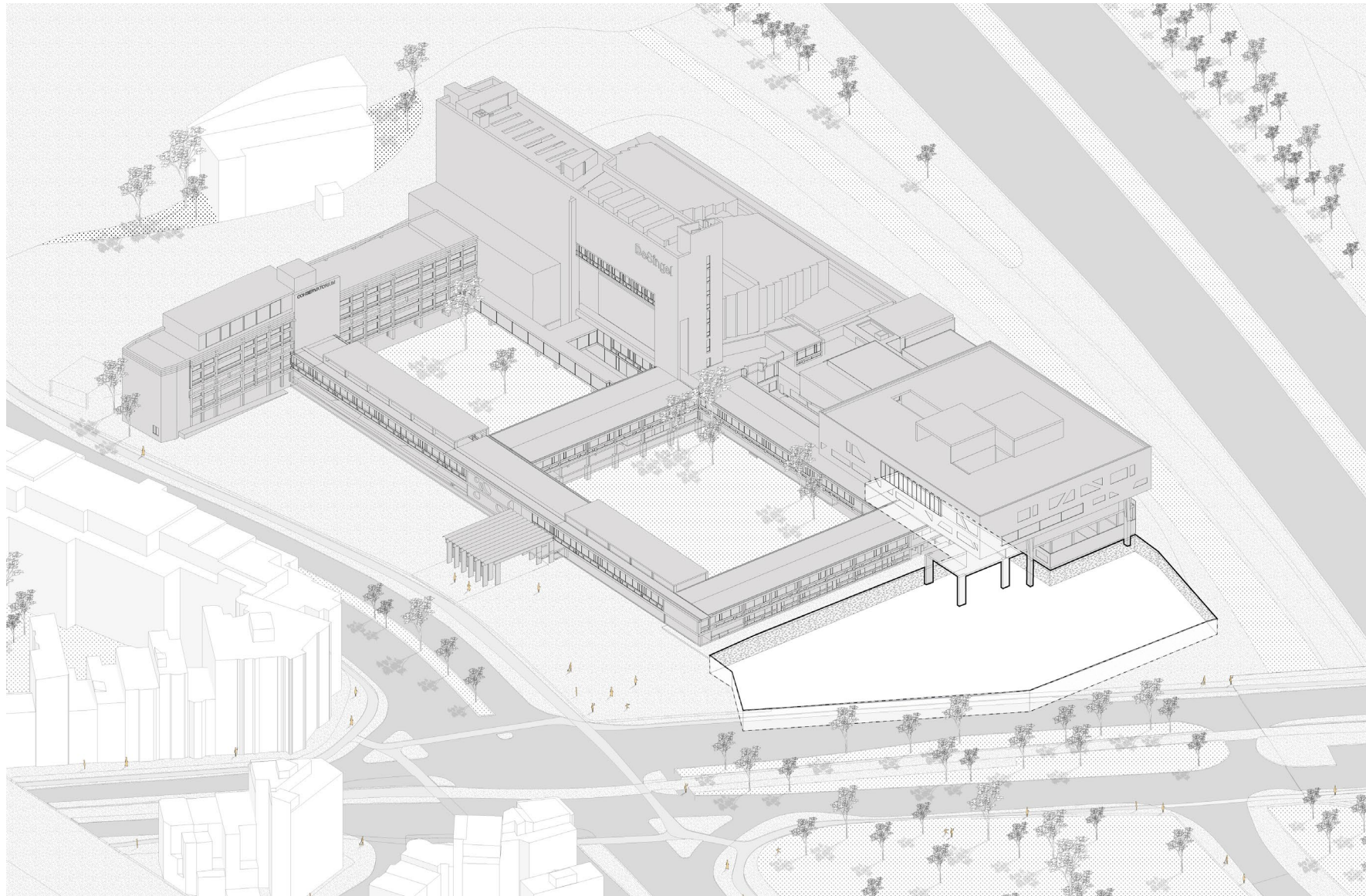
MAIN DESIGN



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21_Form diagrams

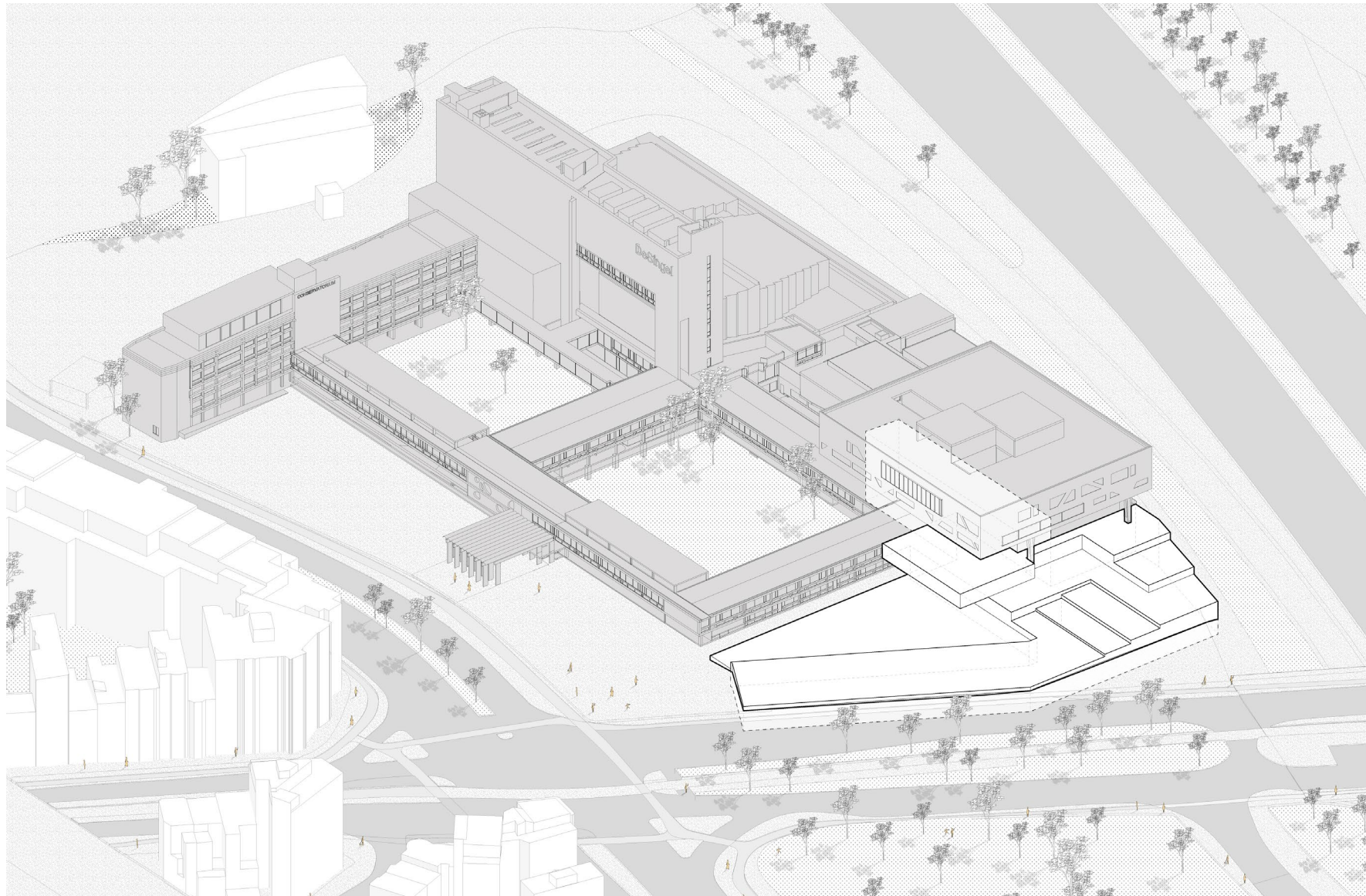
MAIN DESIGN



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21_Form diagrams

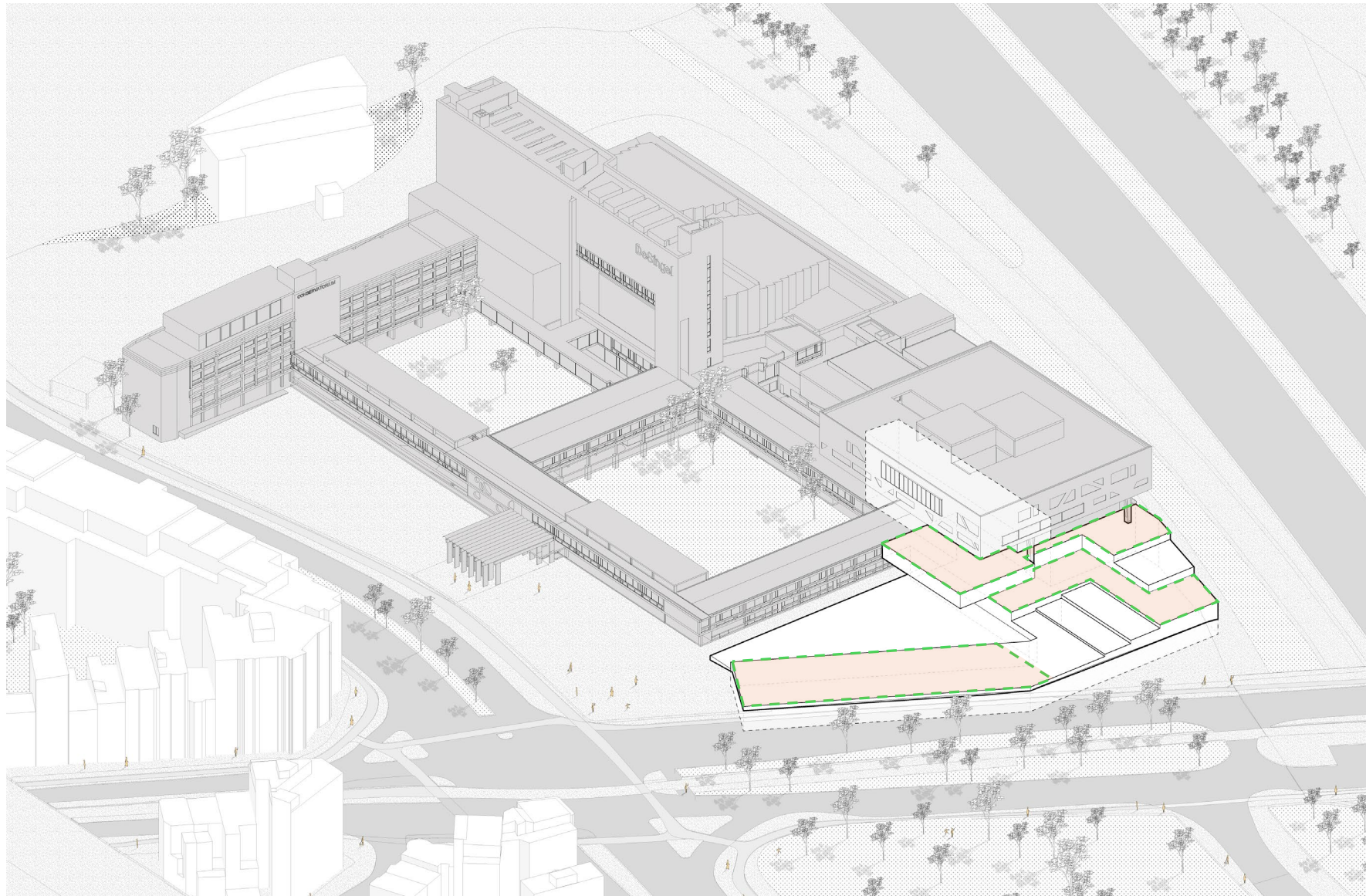
MAIN DESIGN



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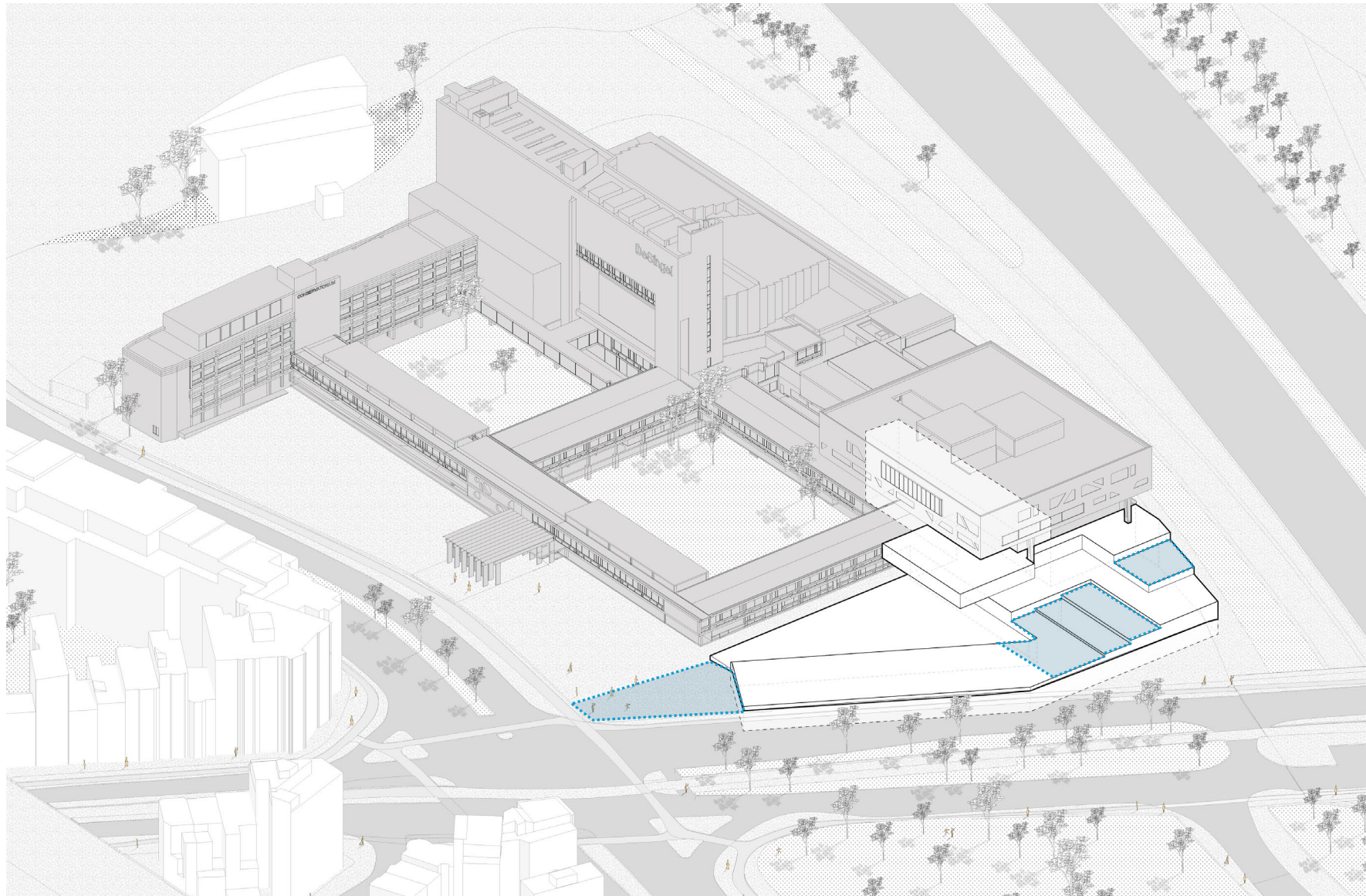
MAIN DESIGN



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21_Form diagrams

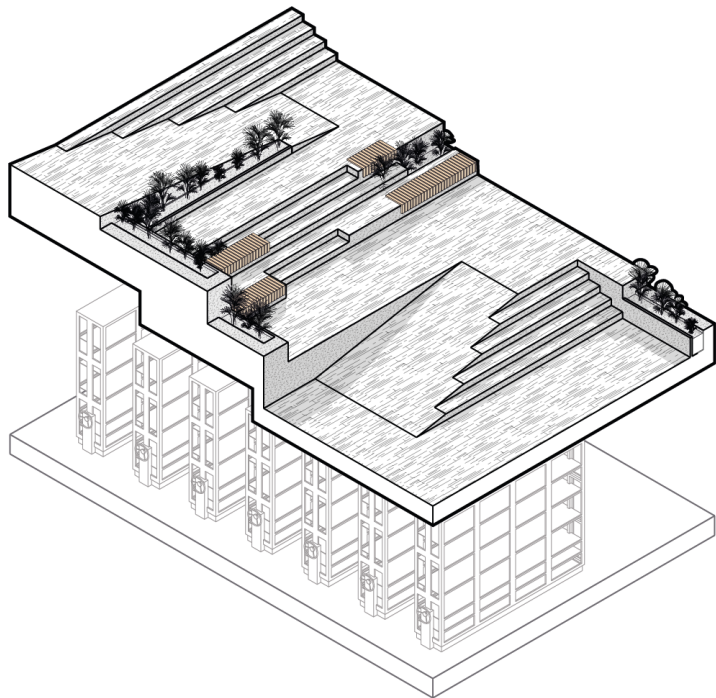
MAIN DESIGN



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21_Form diagrams

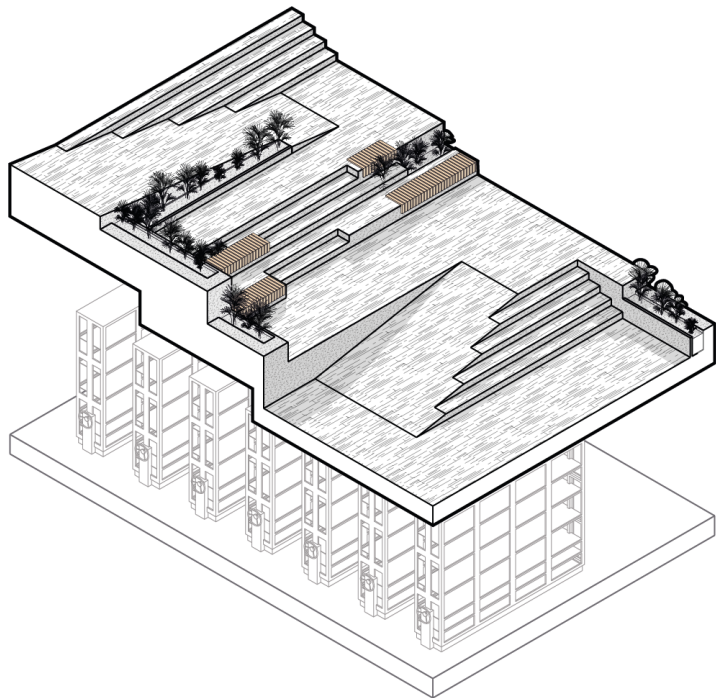
MAIN DESIGN



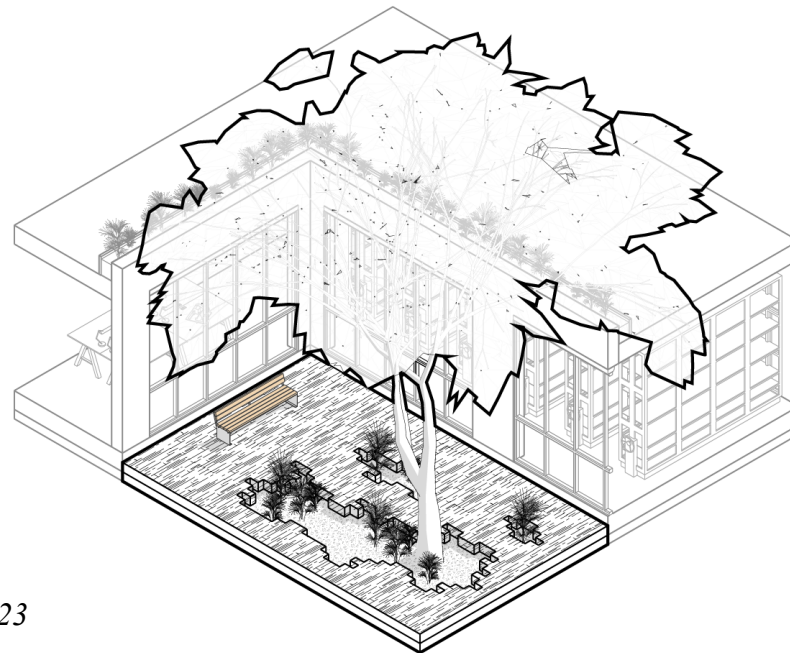
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22_Terraced stairs design tool

MAIN DESIGN



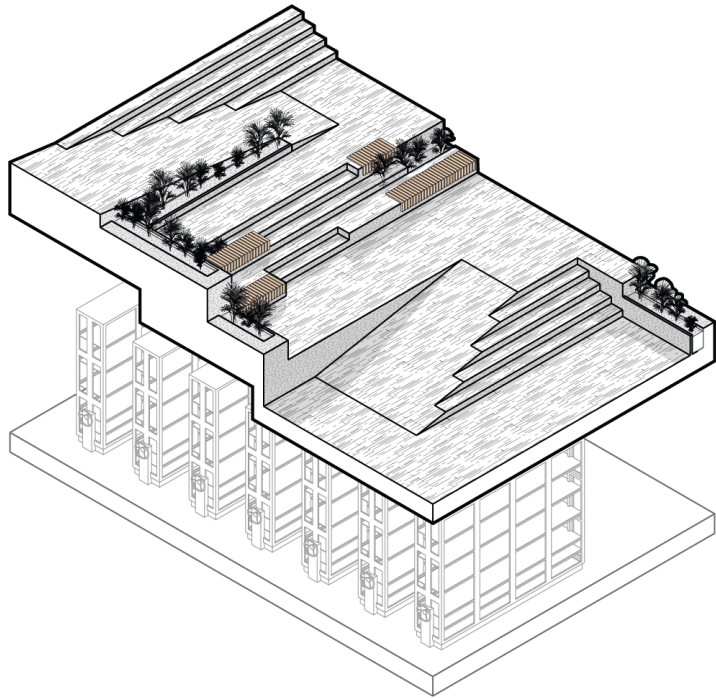
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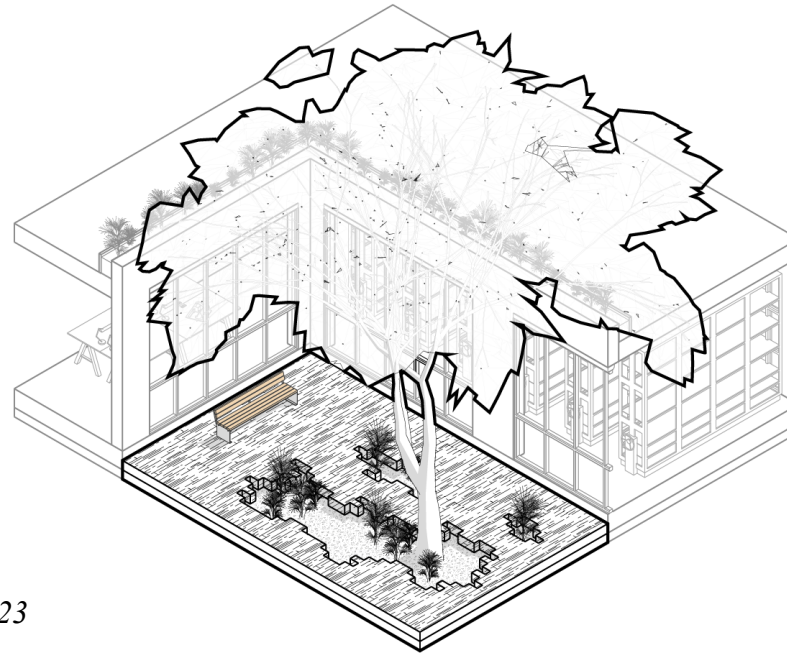
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22_Terraced stairs design tool
23_Patio design tool

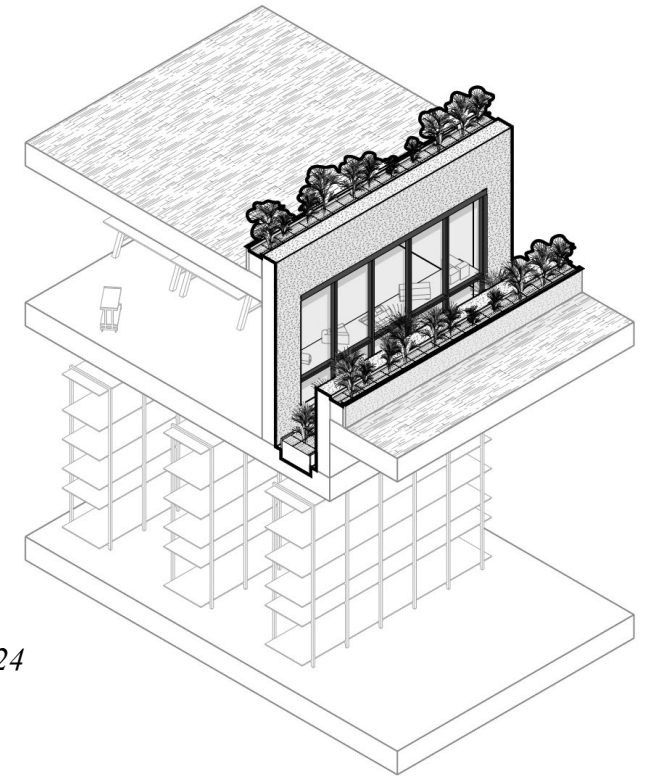
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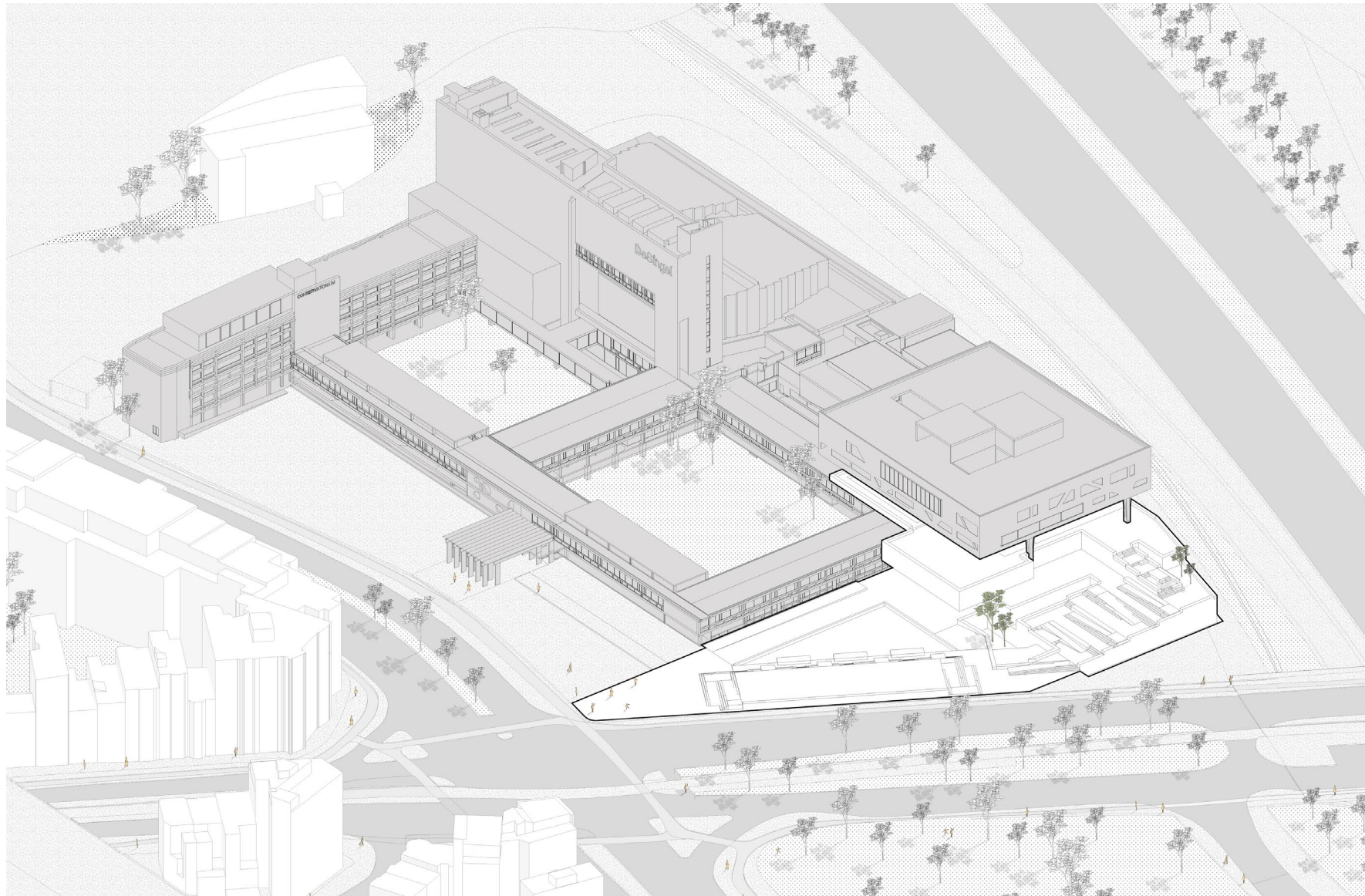
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22_Terraced stairs design tool
23_Patio design tool
24_Storefront buffer design tool

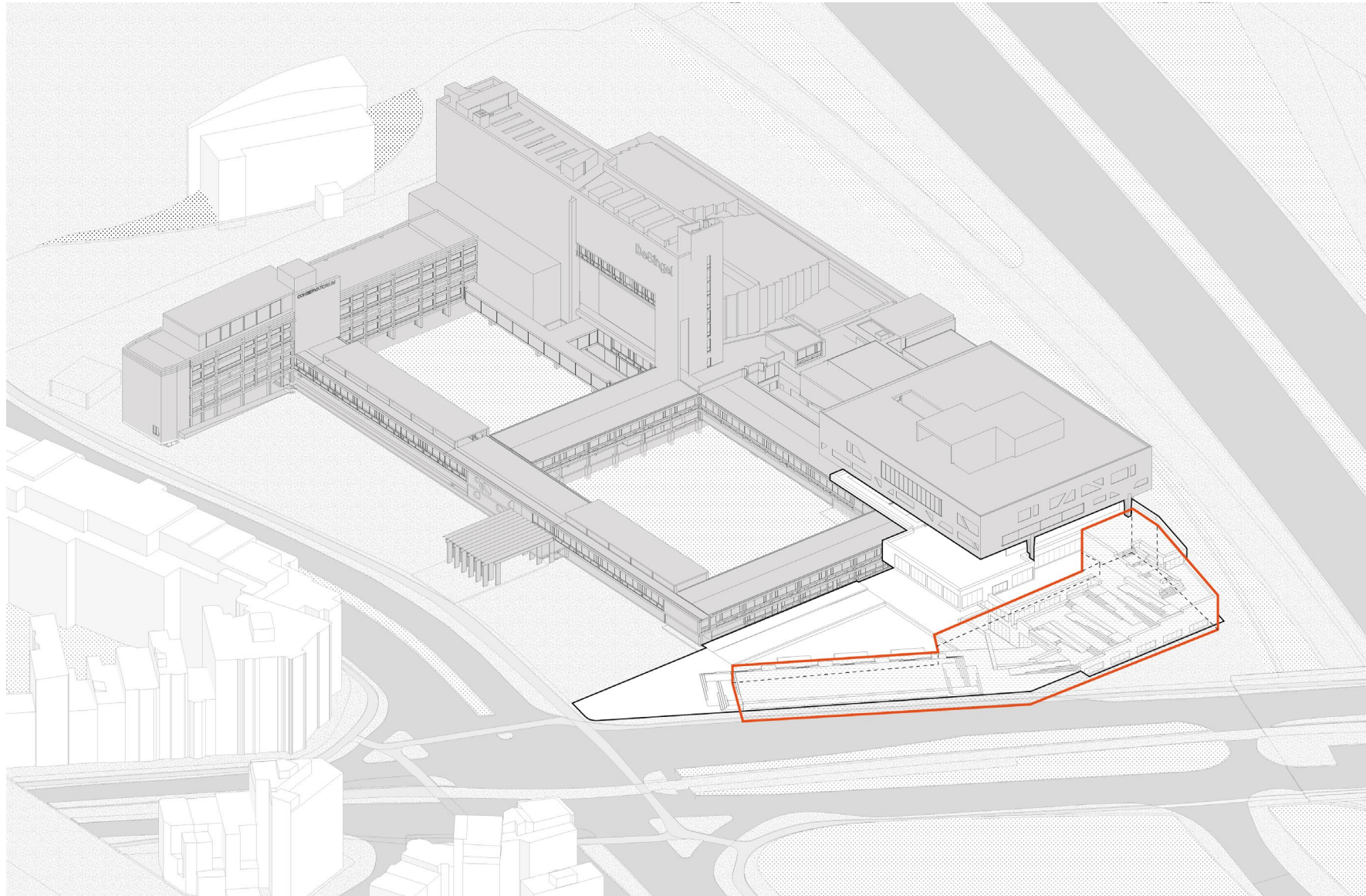
MAIN DESIGN



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25_Archive typologies

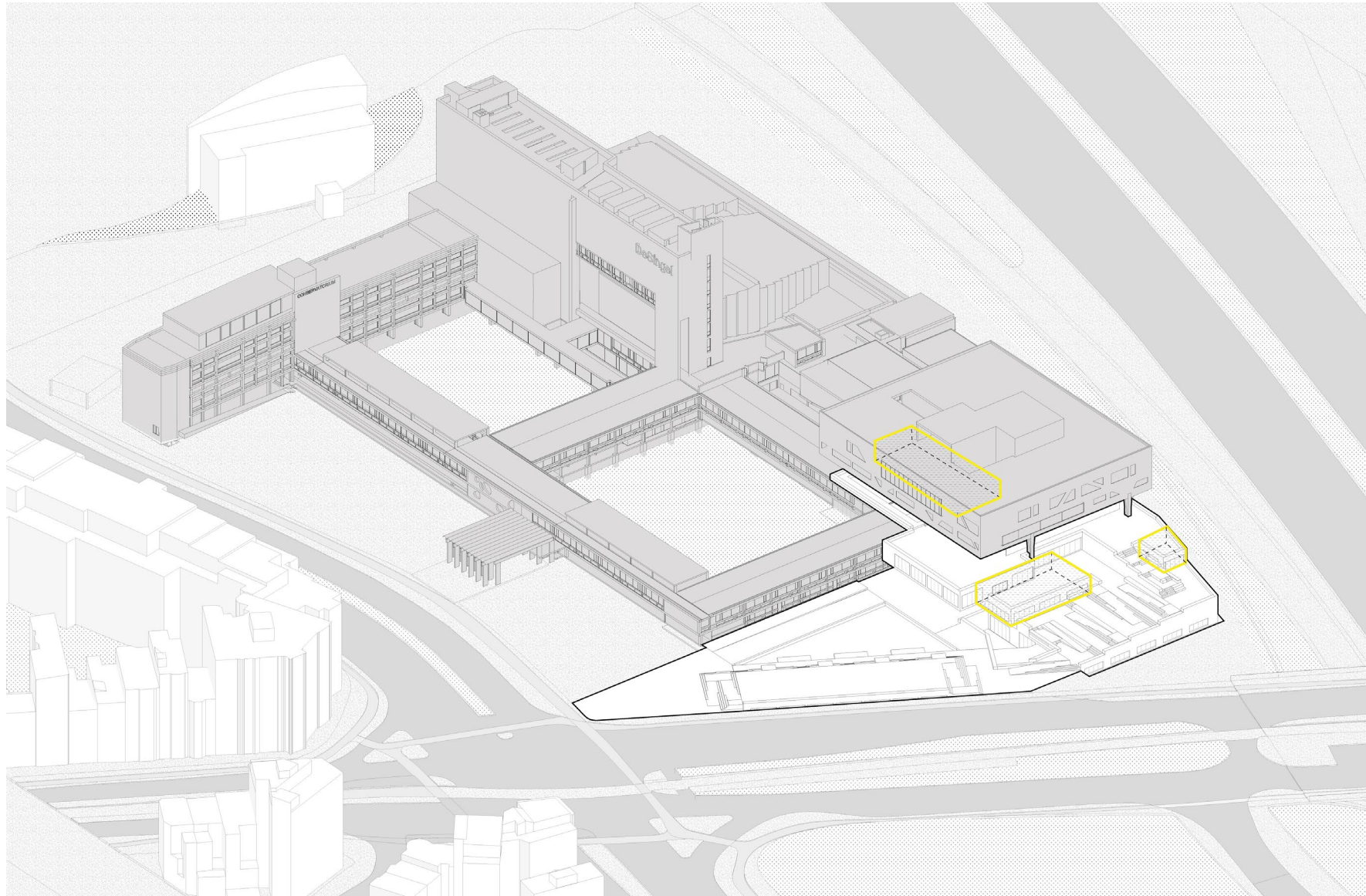
MAIN DESIGN



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25_Archive typologies

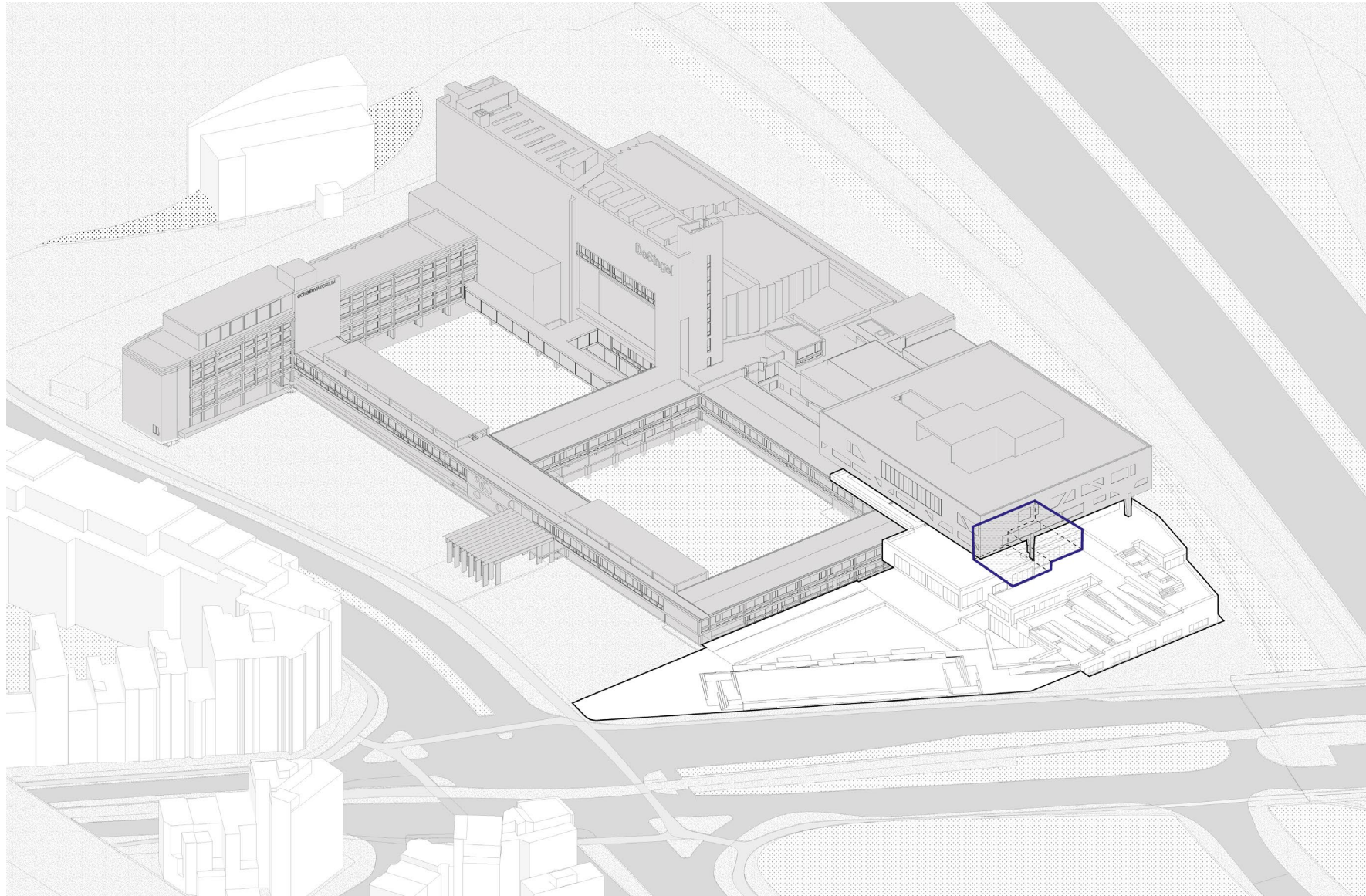
MAIN DESIGN



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25_Archive typologies

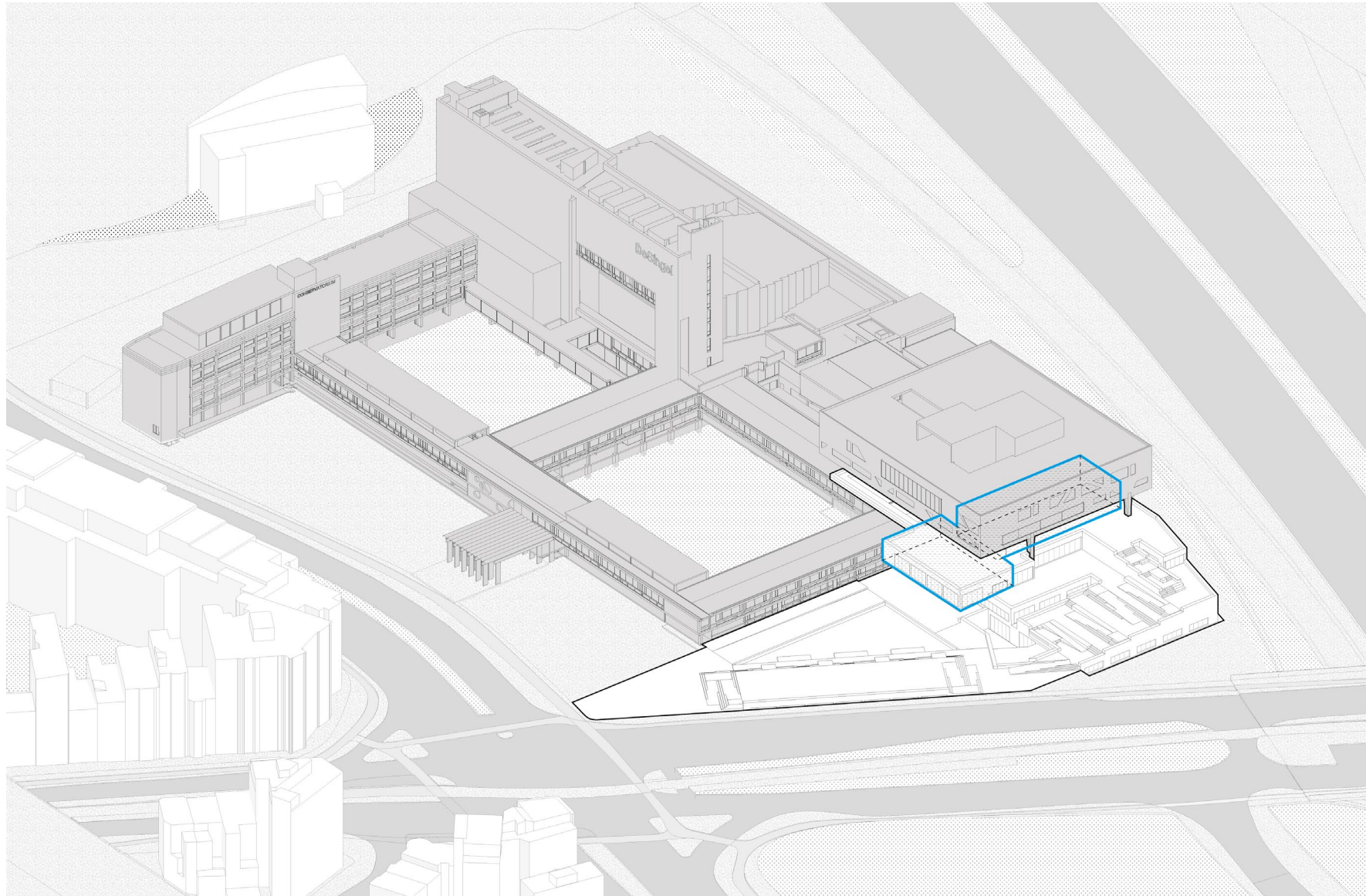
MAIN DESIGN



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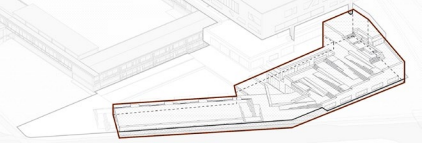
25_Archive typologies

MAIN DESIGN



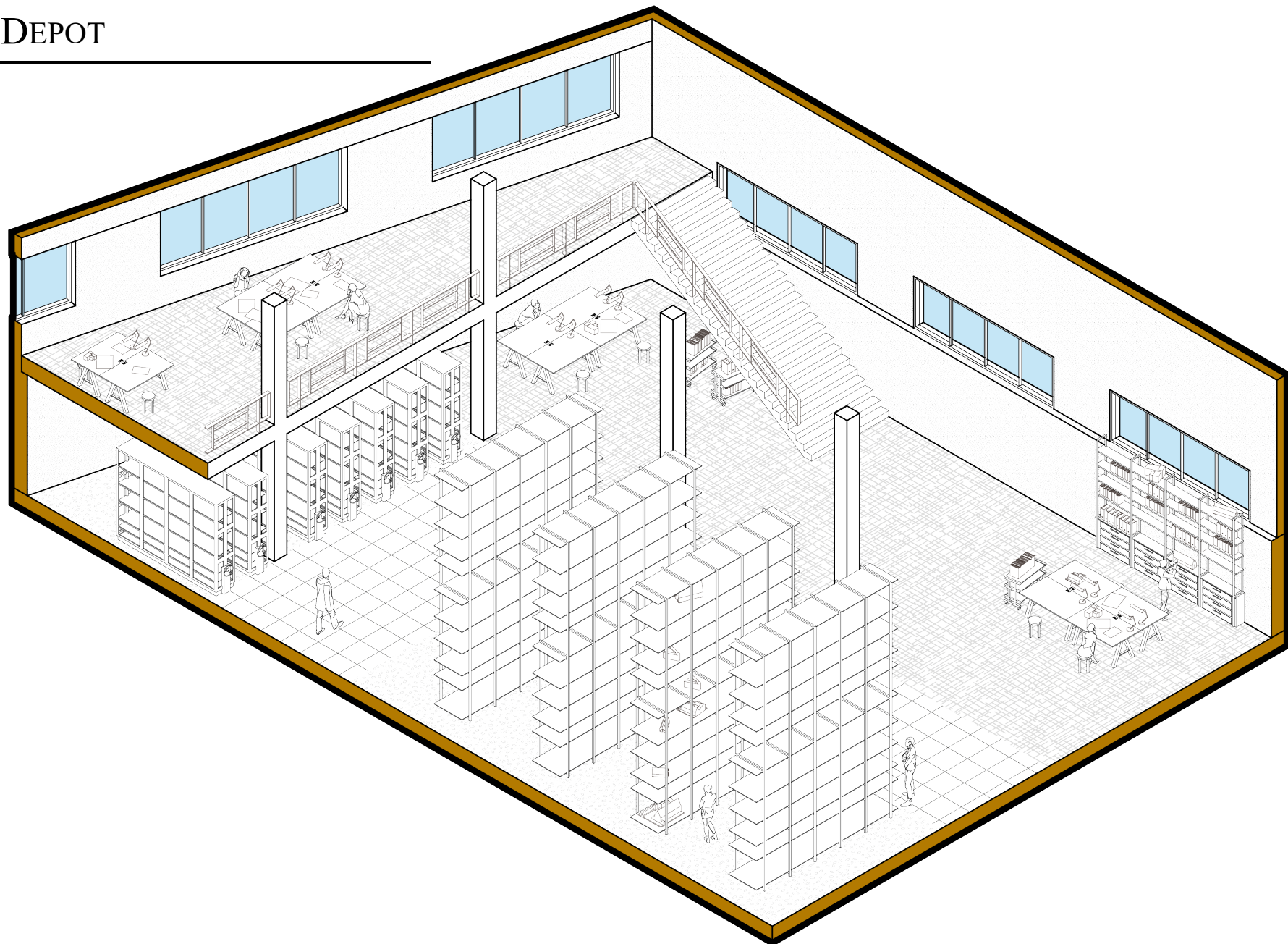
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25_Archive typologies



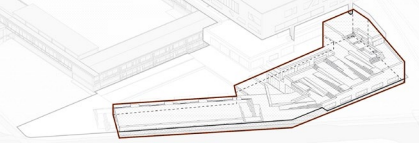
DEPOT

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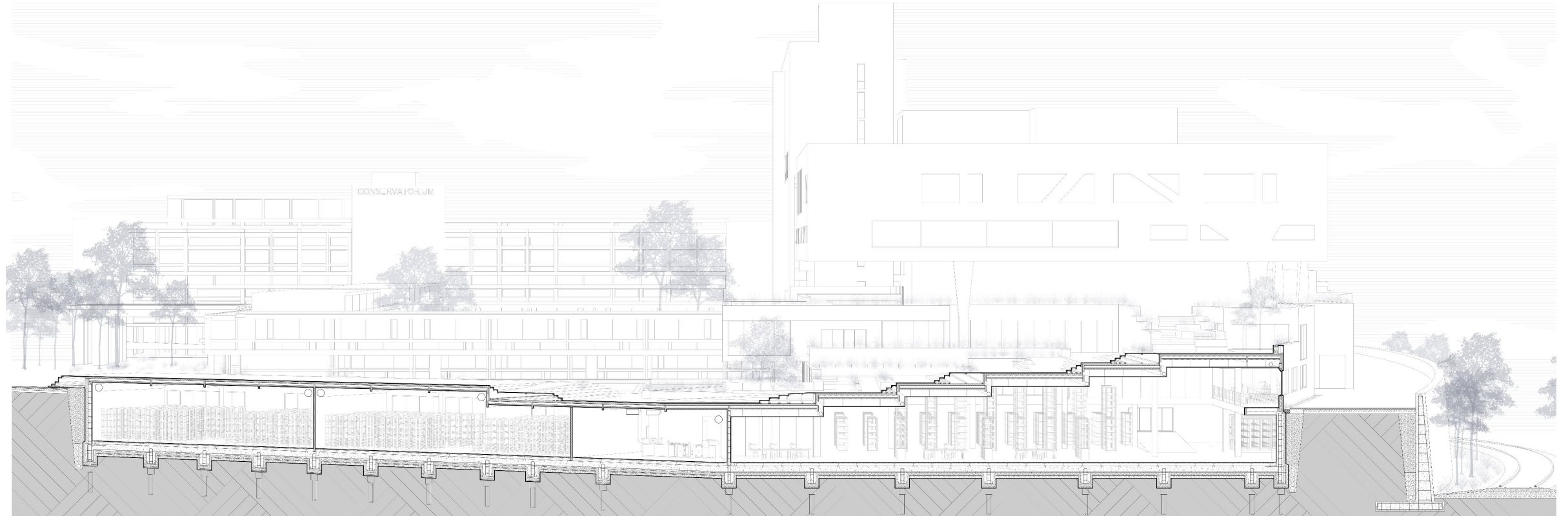


TYPOLOGIES

26_Depot typology



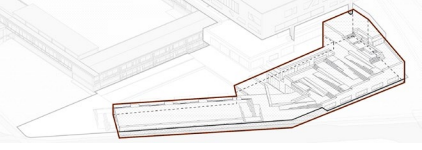
DEPOT



TYPOLOGIES

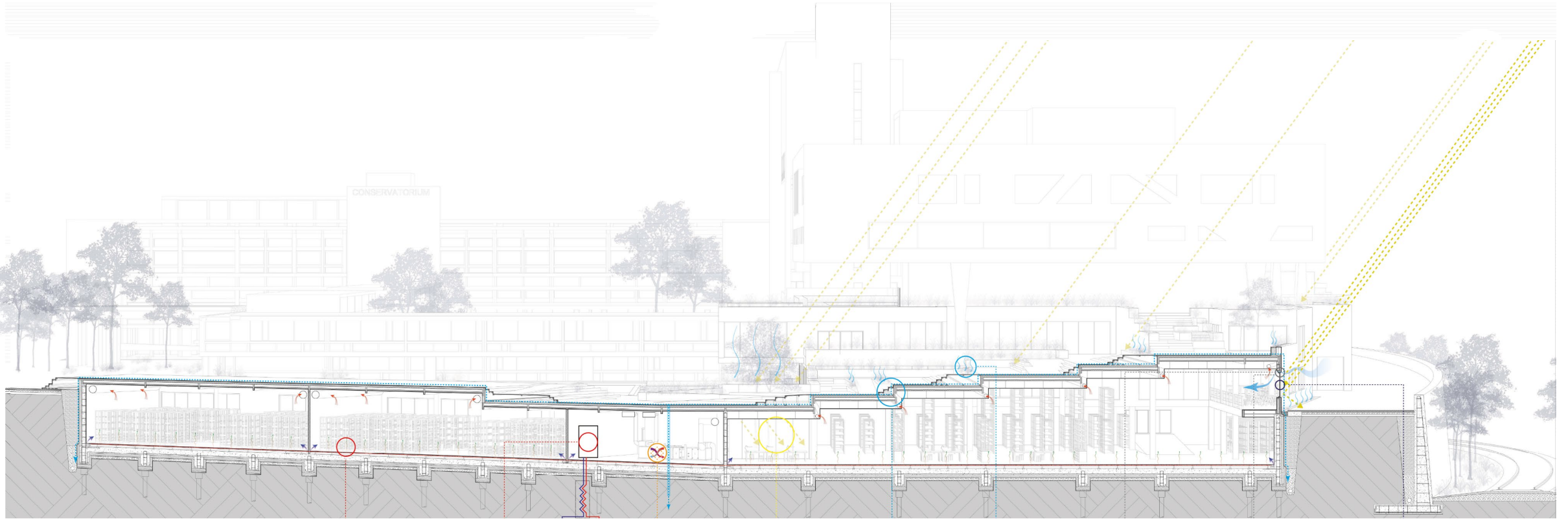
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27_Perspective section



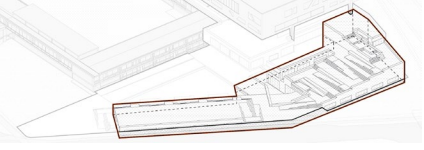
DEPOT

TYPOLOGIES



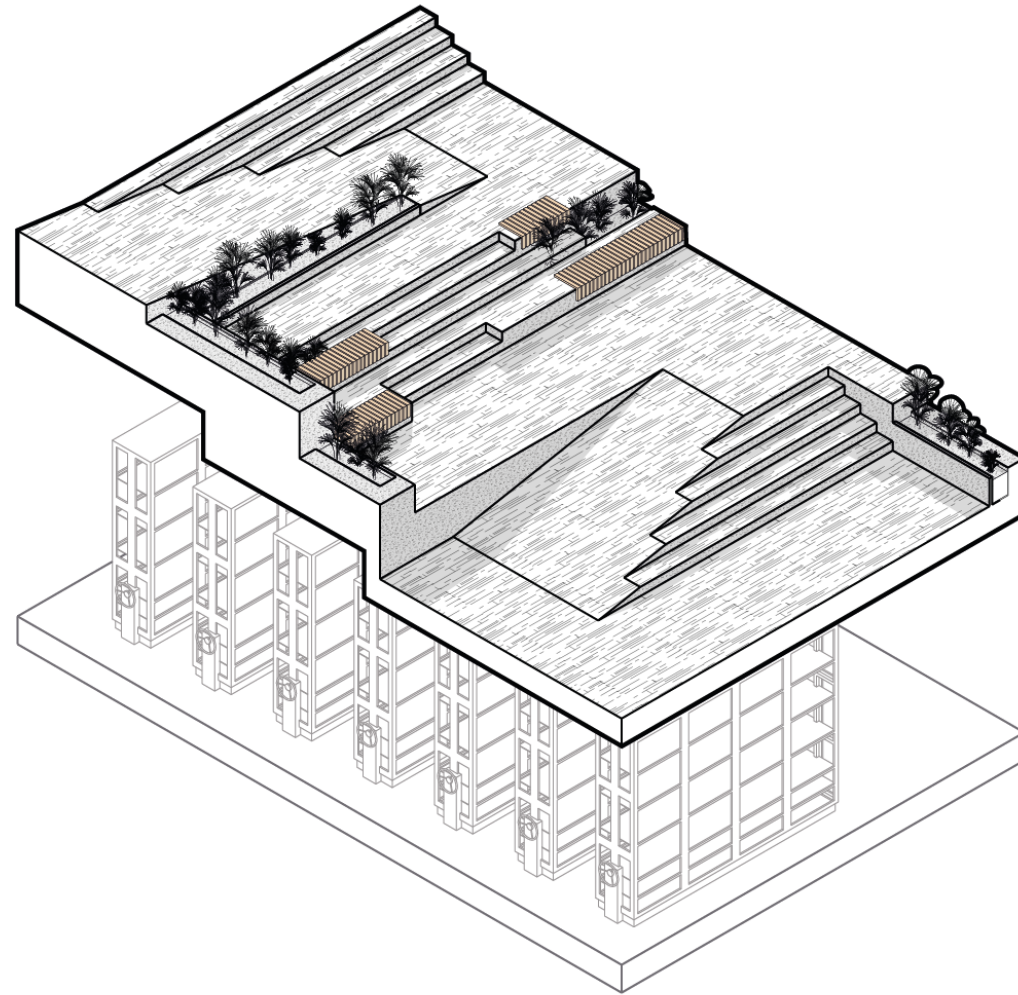
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27_Perspective section



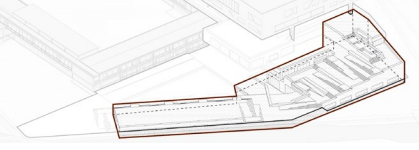
DEPOT

TYPOLOGIES

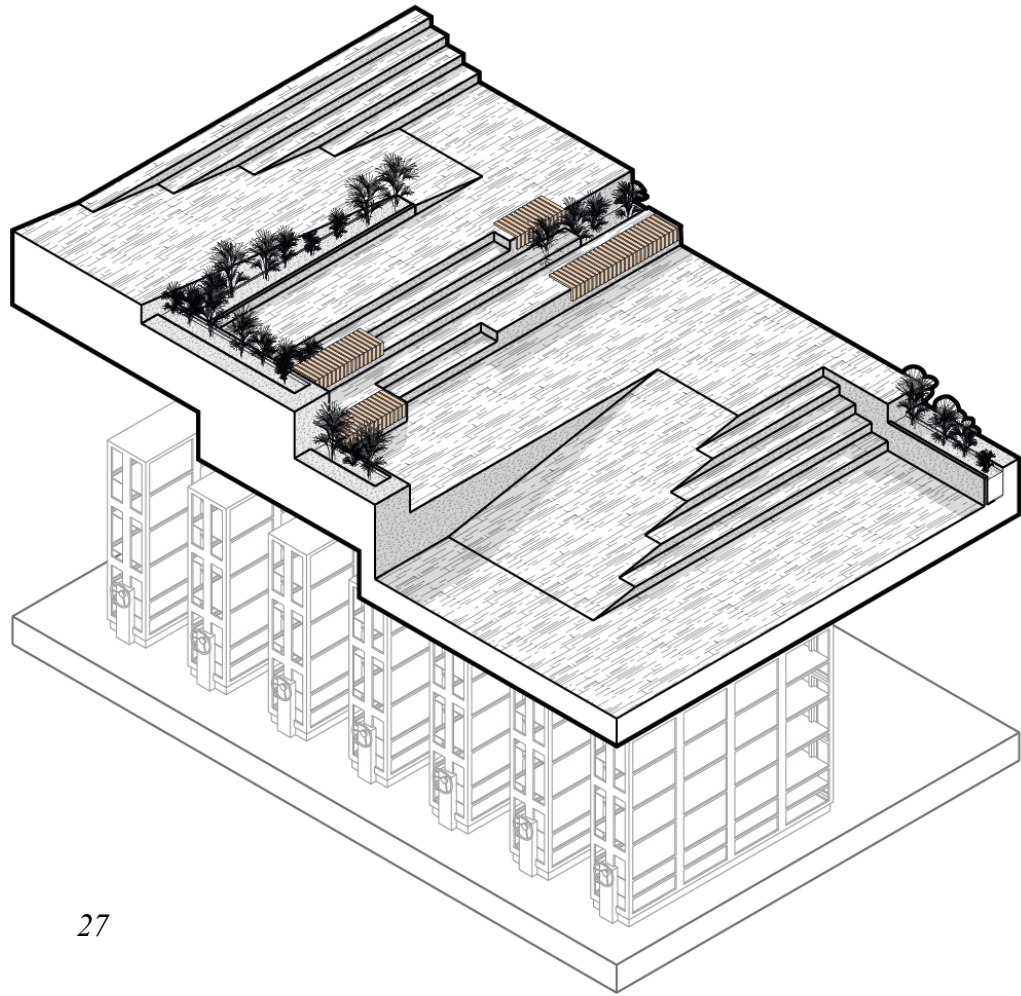


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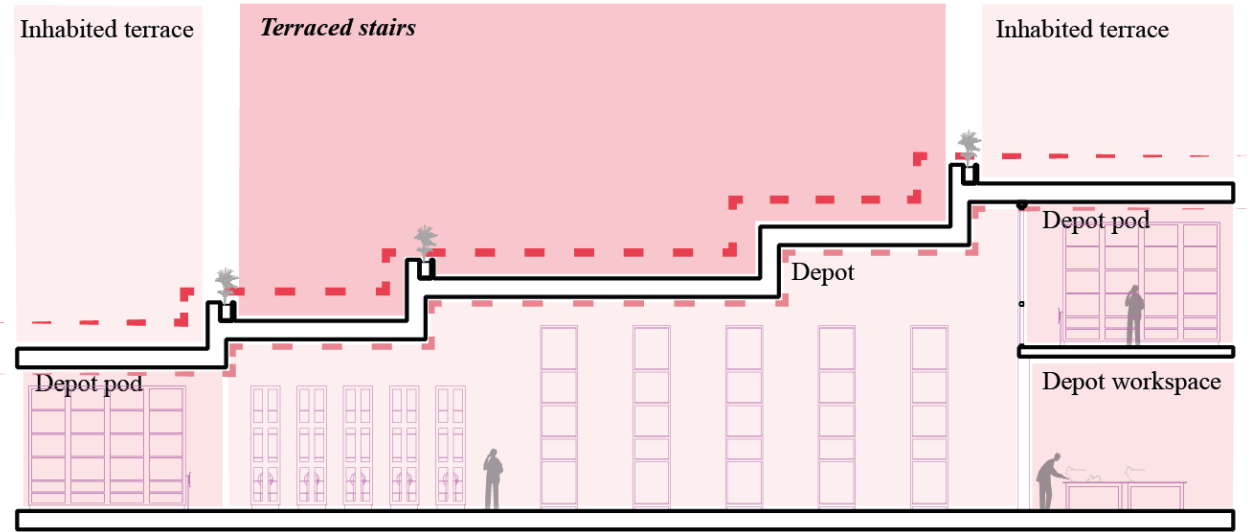
28_Terraced stairs design tool



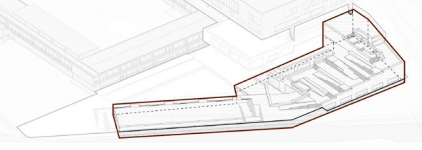
DEPOT



27

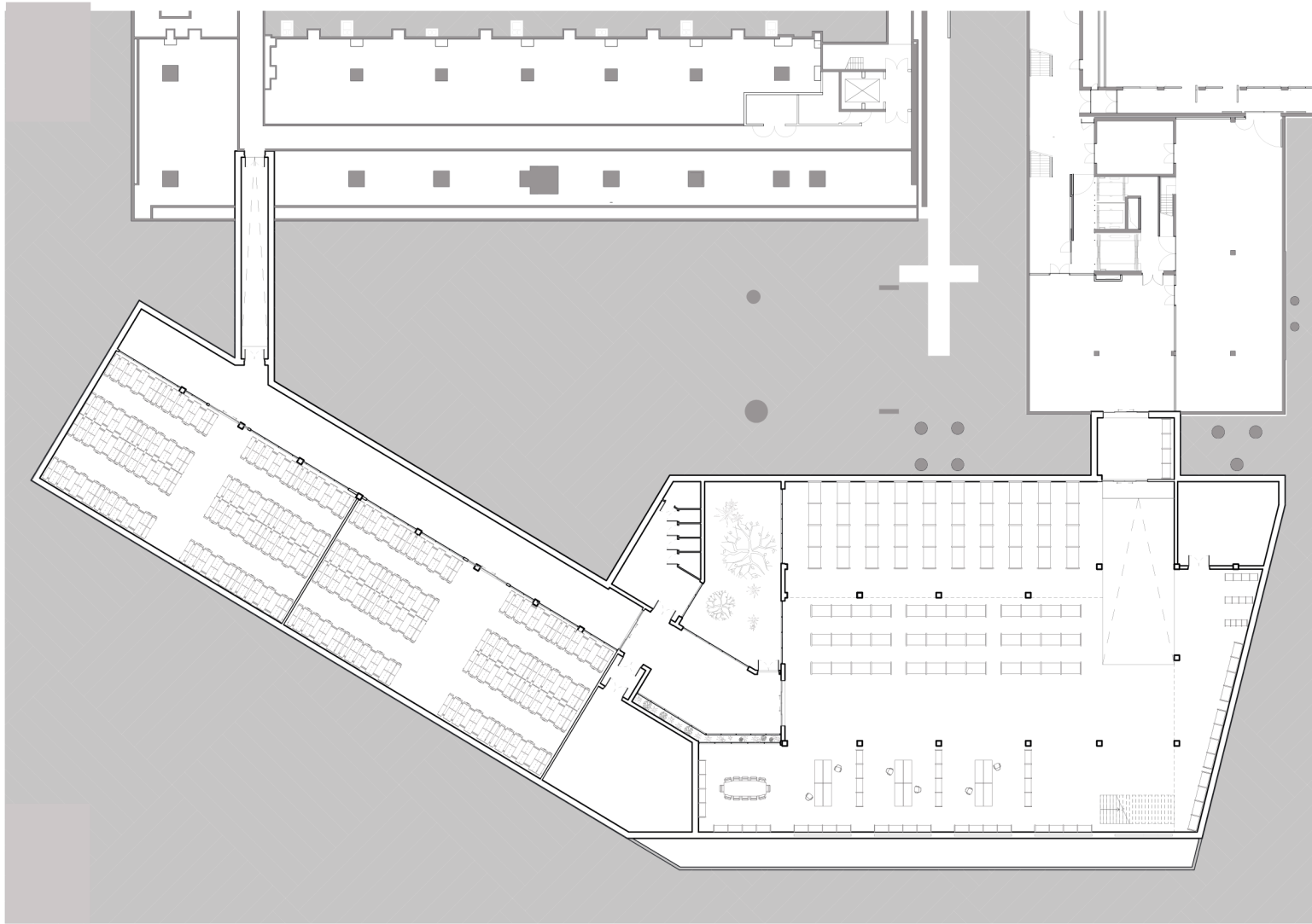


28_Terraced stairs design tool



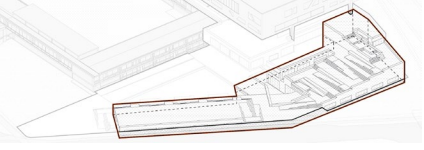
DEPOT

TYPLOGIES



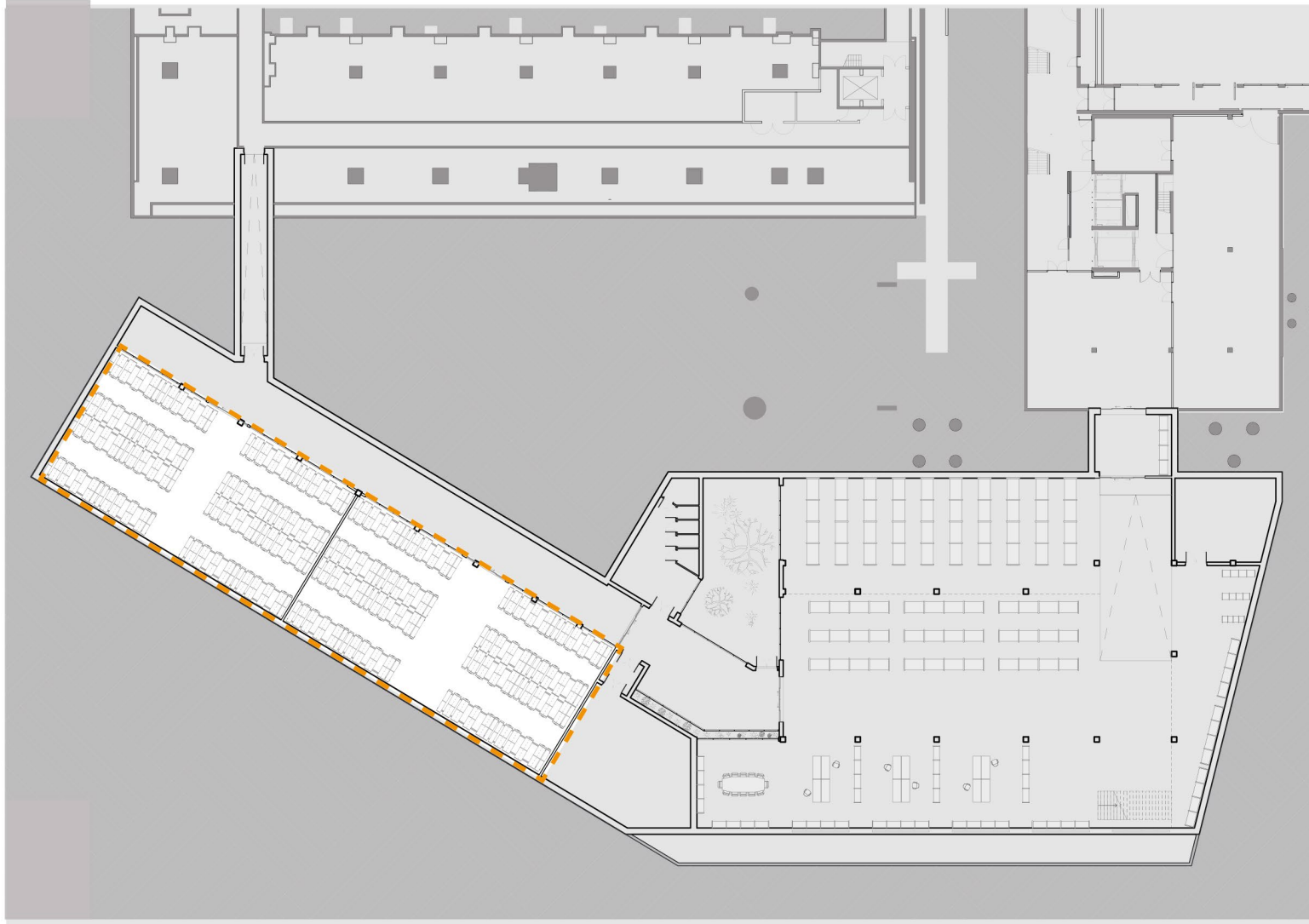
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28_Depot segmentation



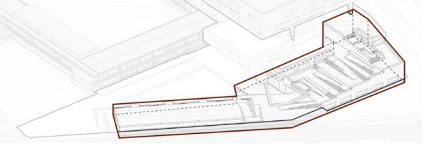
DEPOT

TYPOLOGIES



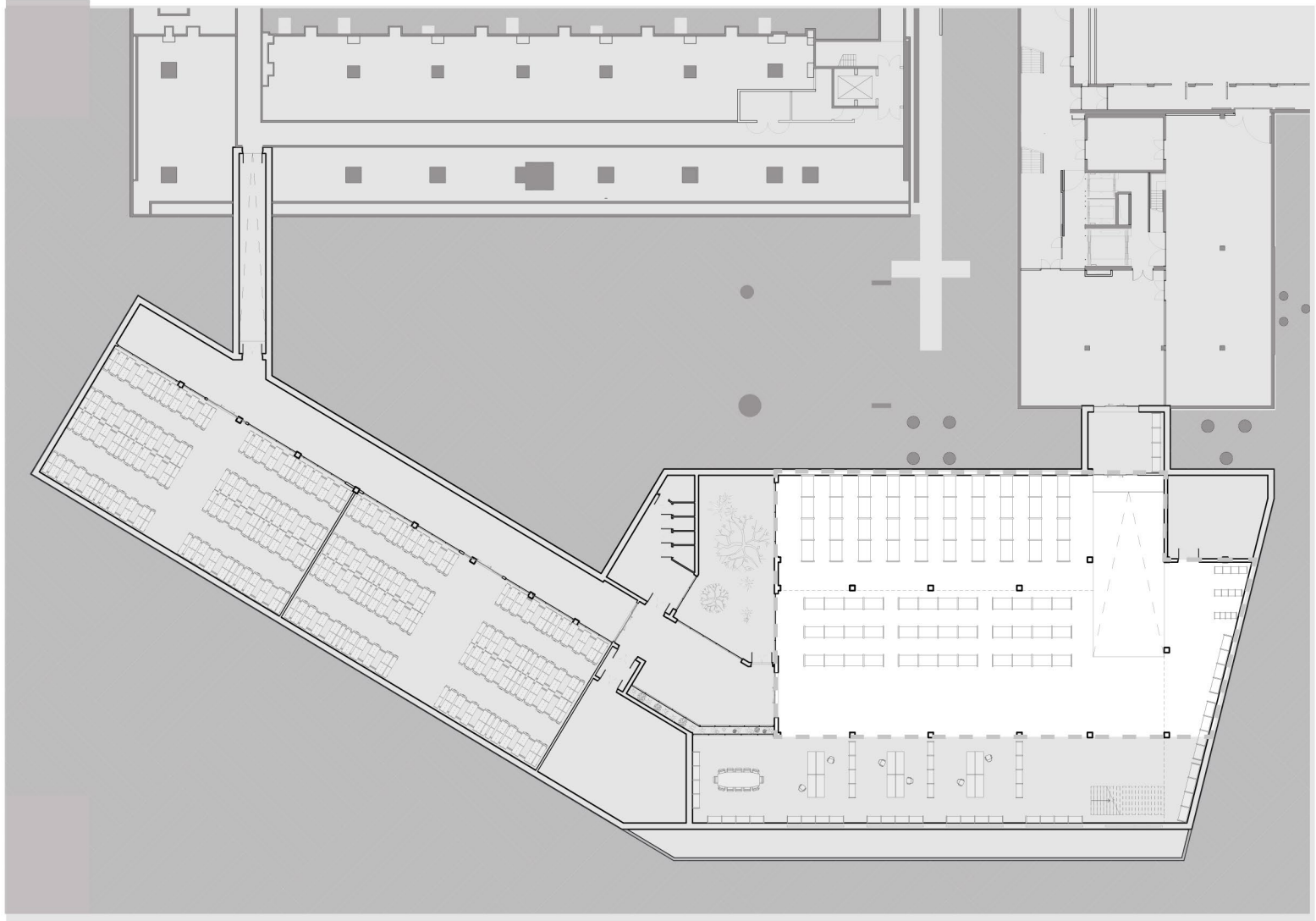
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28_Depot segmentation



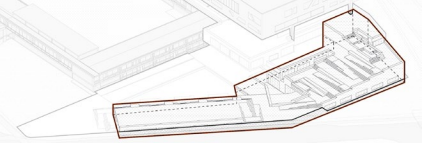
DEPOT

TYPOLOGIES



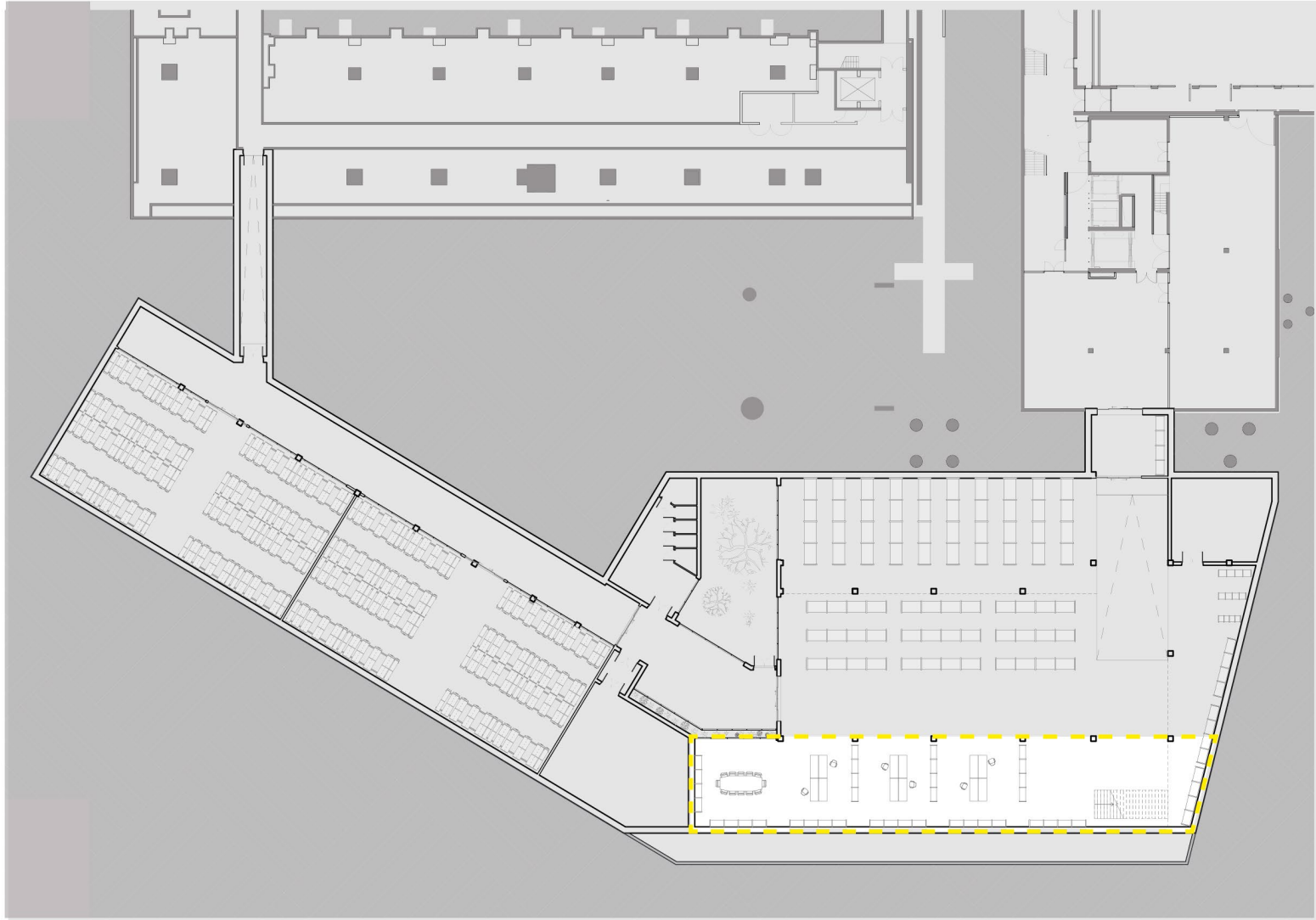
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28_Depot segmentation



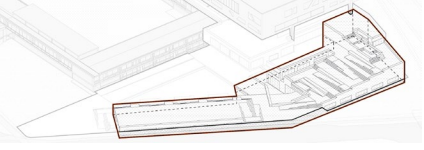
DEPOT

TYPOLOGIES

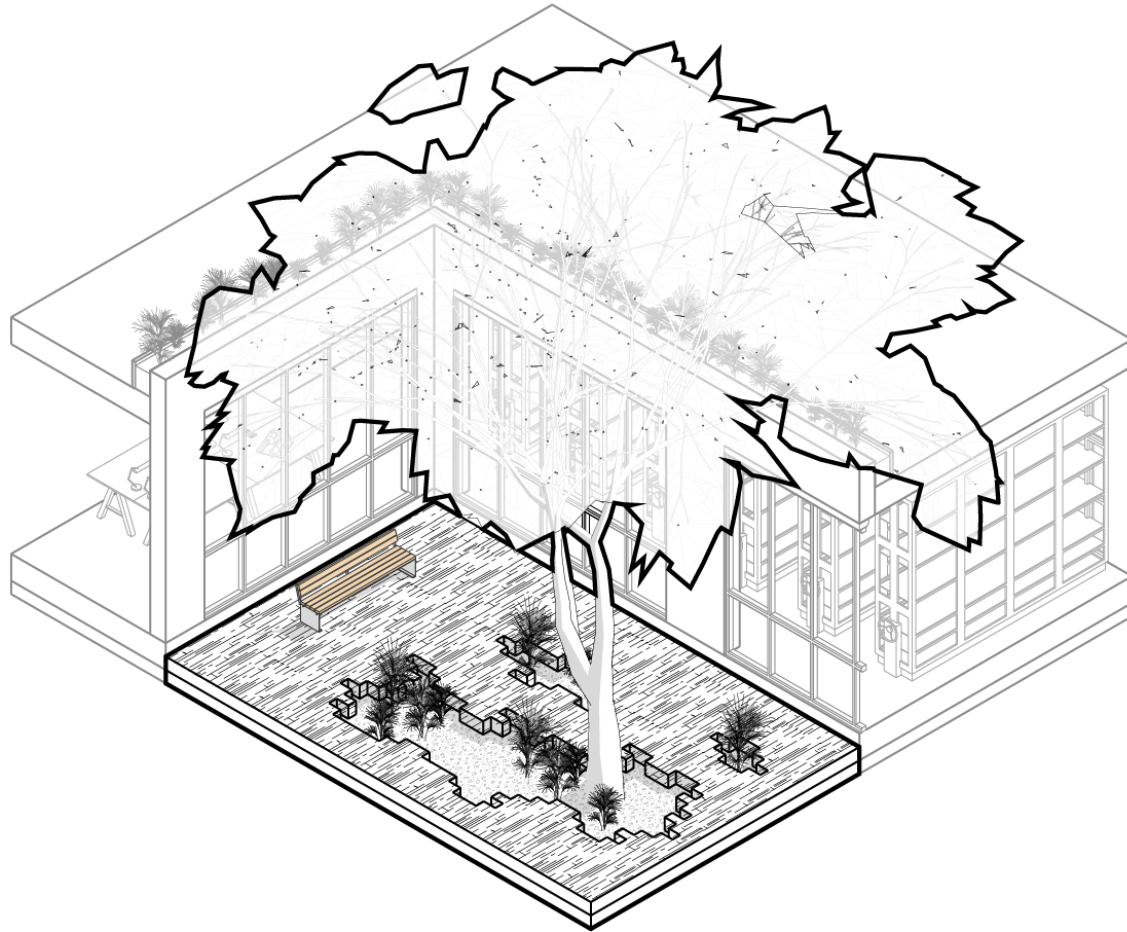


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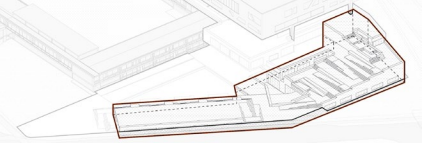
28_Depot segmentation



DEPOT

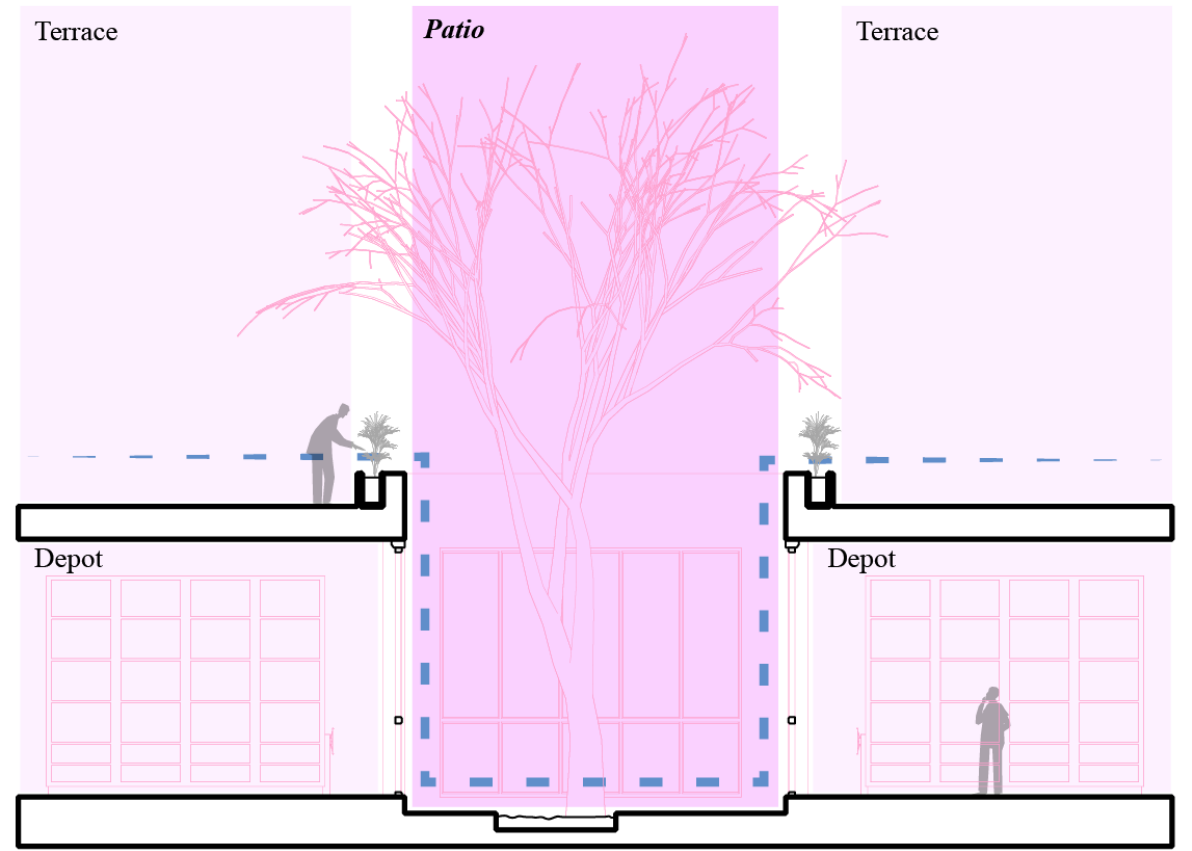
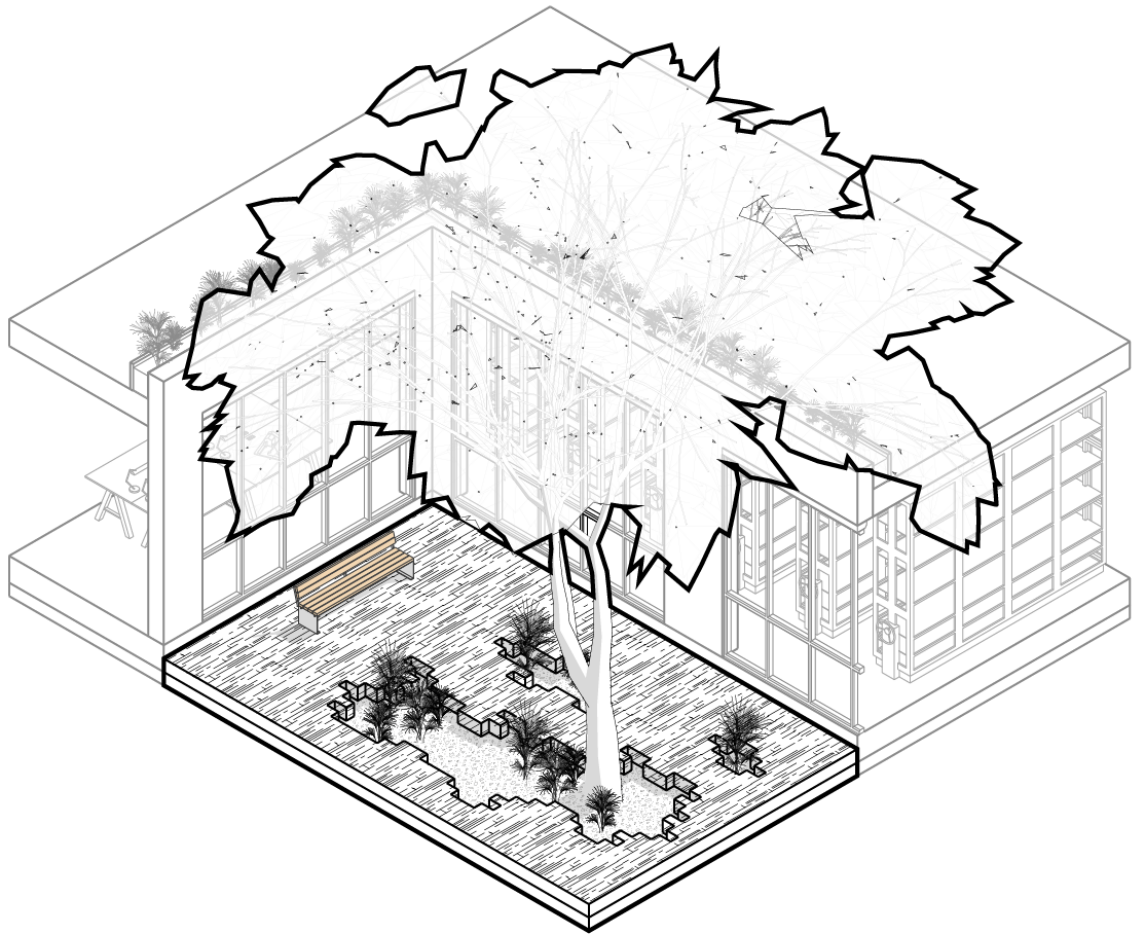


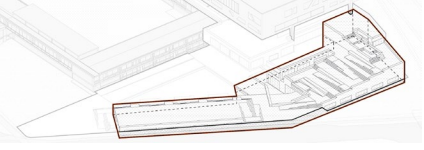
TYPLOGIES



DEPOT

TYPOLOGIES





DEPOT

TYPLOGIES



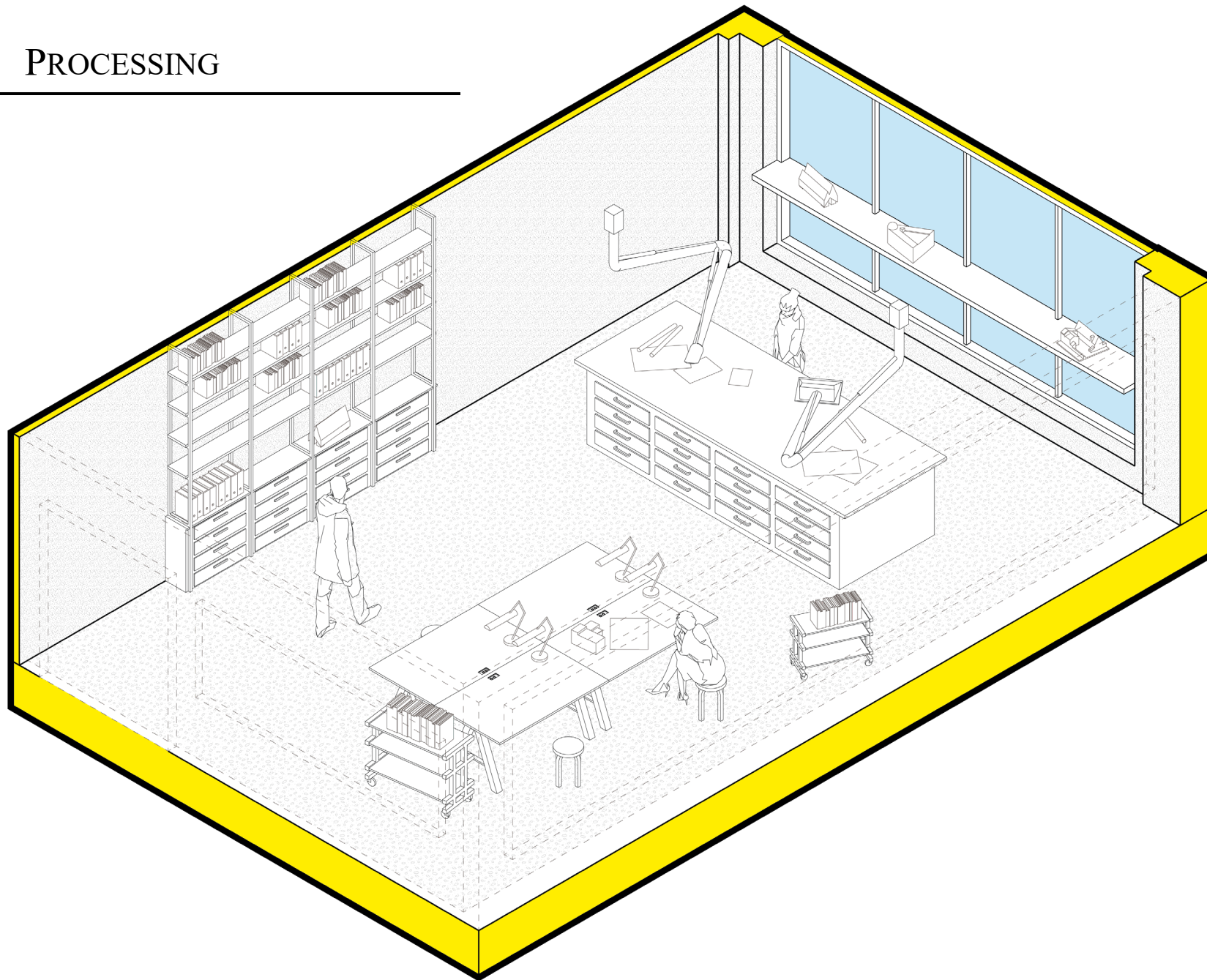
30_Depot render



PROCESSING

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31_Private processing typology



PROCESSING

TYPOLOGIES



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Architectural floorplan
Level 0

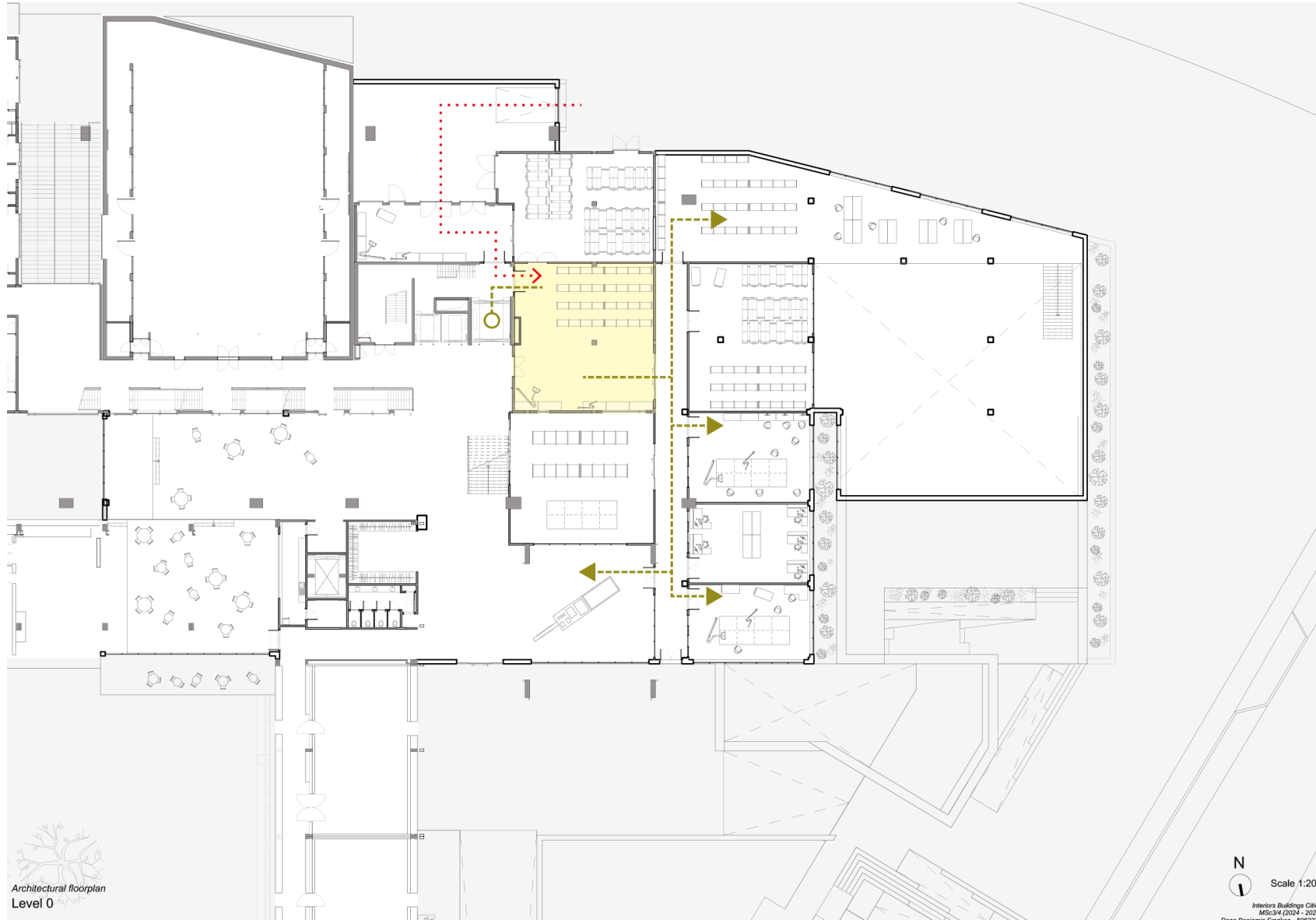
N
Scale 1:200
Interiors Buildings Cities
MSc-3M (2024 - 2025)
Daan Benjamin Franken - RW02256

32_Archival sequencing



PROCESSING

TYPOLOGIES



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Architectural floorplan
Level 0

N
Scale 1:200
Interiors Buildings Cities
MS-34 (2024 - 2025)
Daan Benjamin Franken - RW2226

32_Archival sequencing



PROCESSING

TYPOLOGIES



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33_Boijmans van Beuningen view window



PROCESSING

TYPOLOGIES



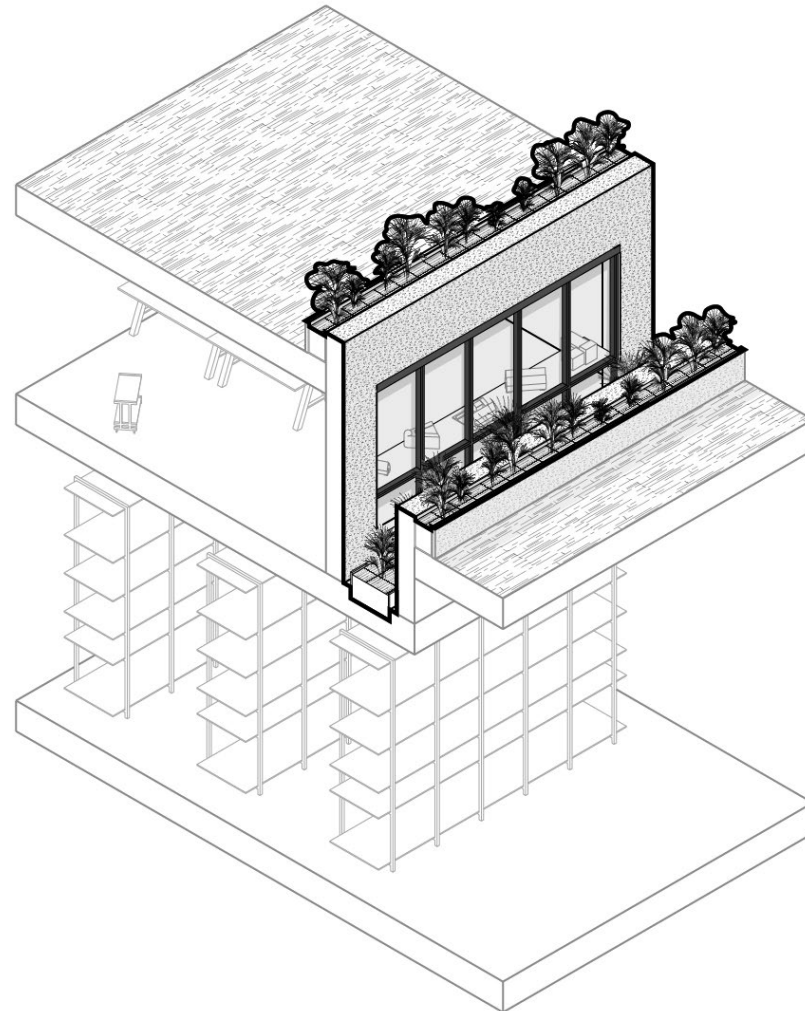
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34_Boijmans van Beuningen view window



PROCESSING

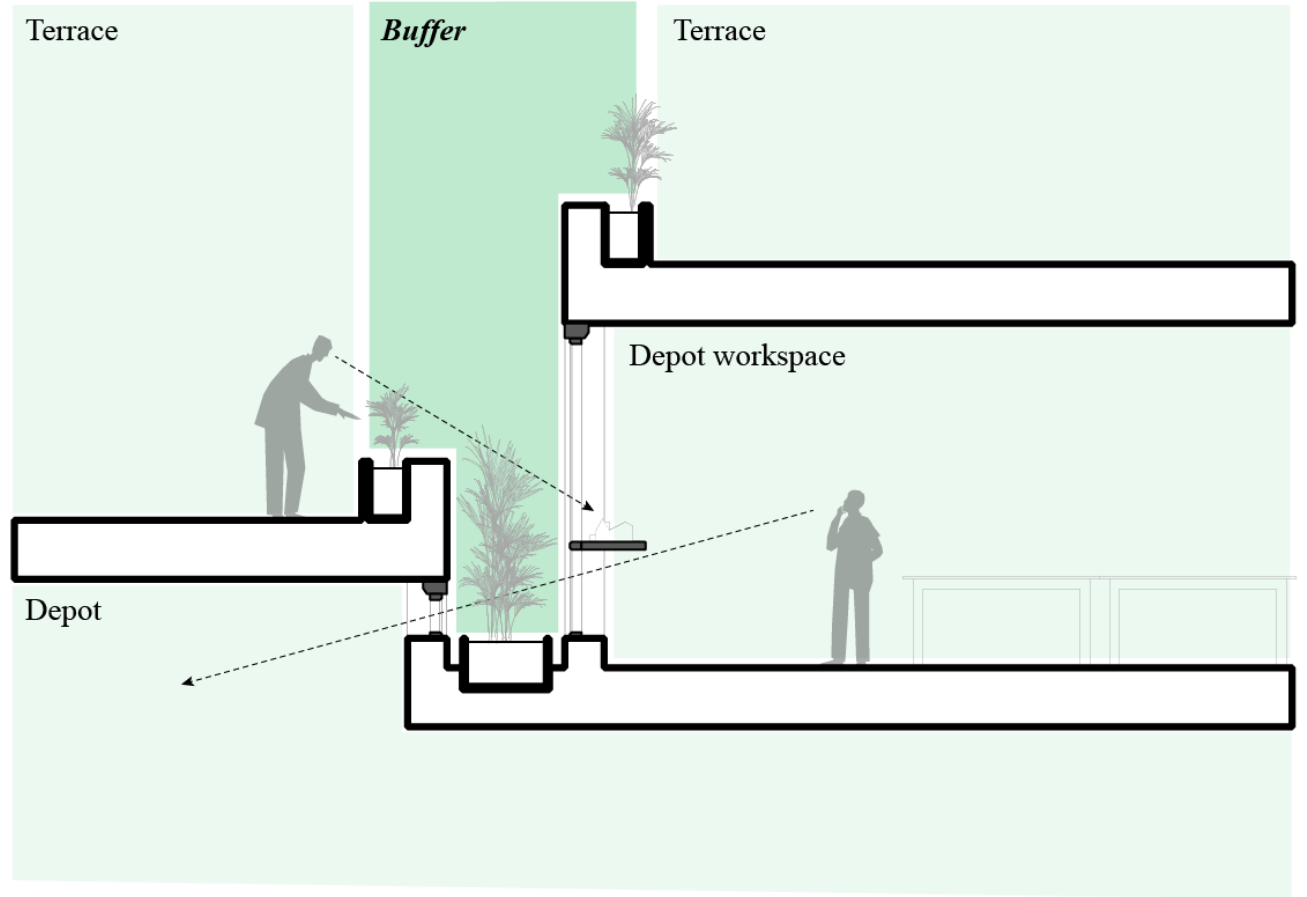
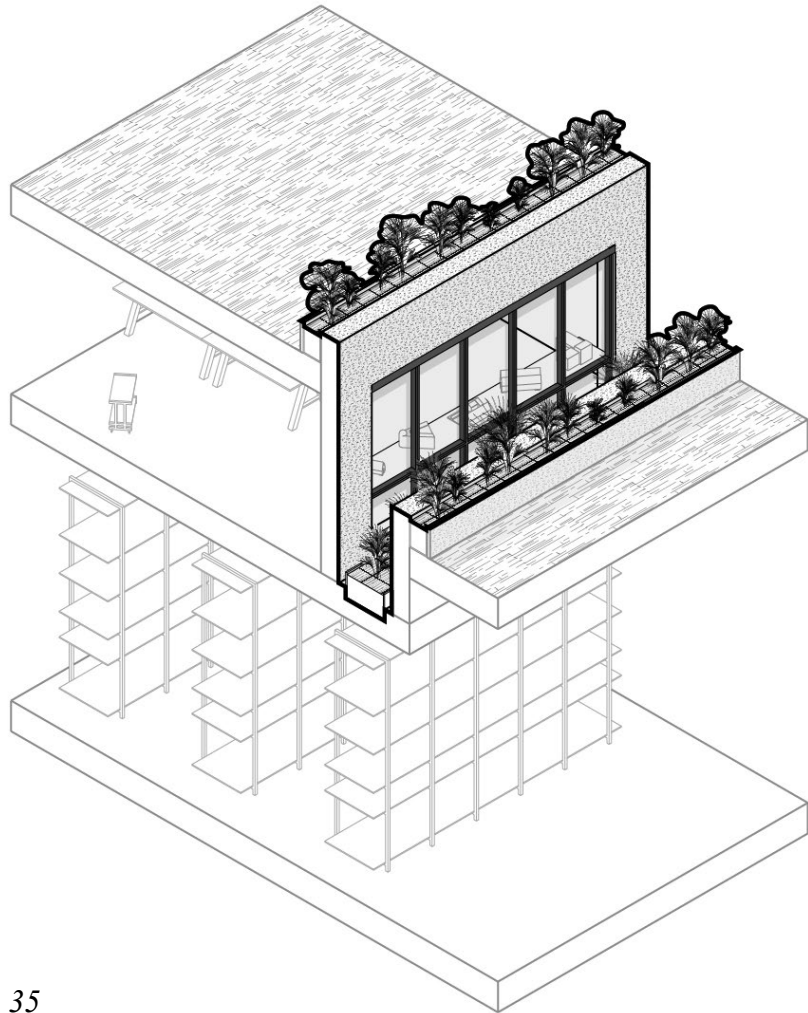
TYPOLOGIES



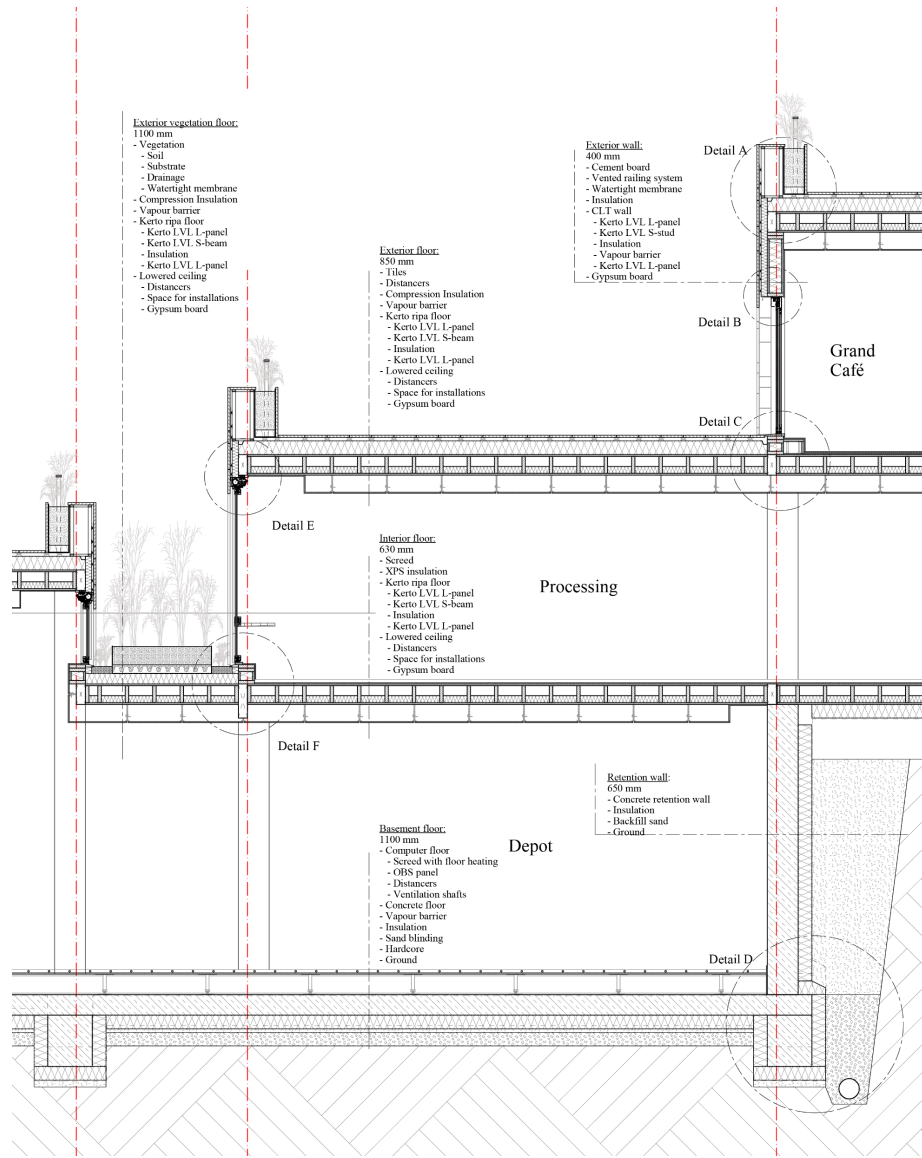


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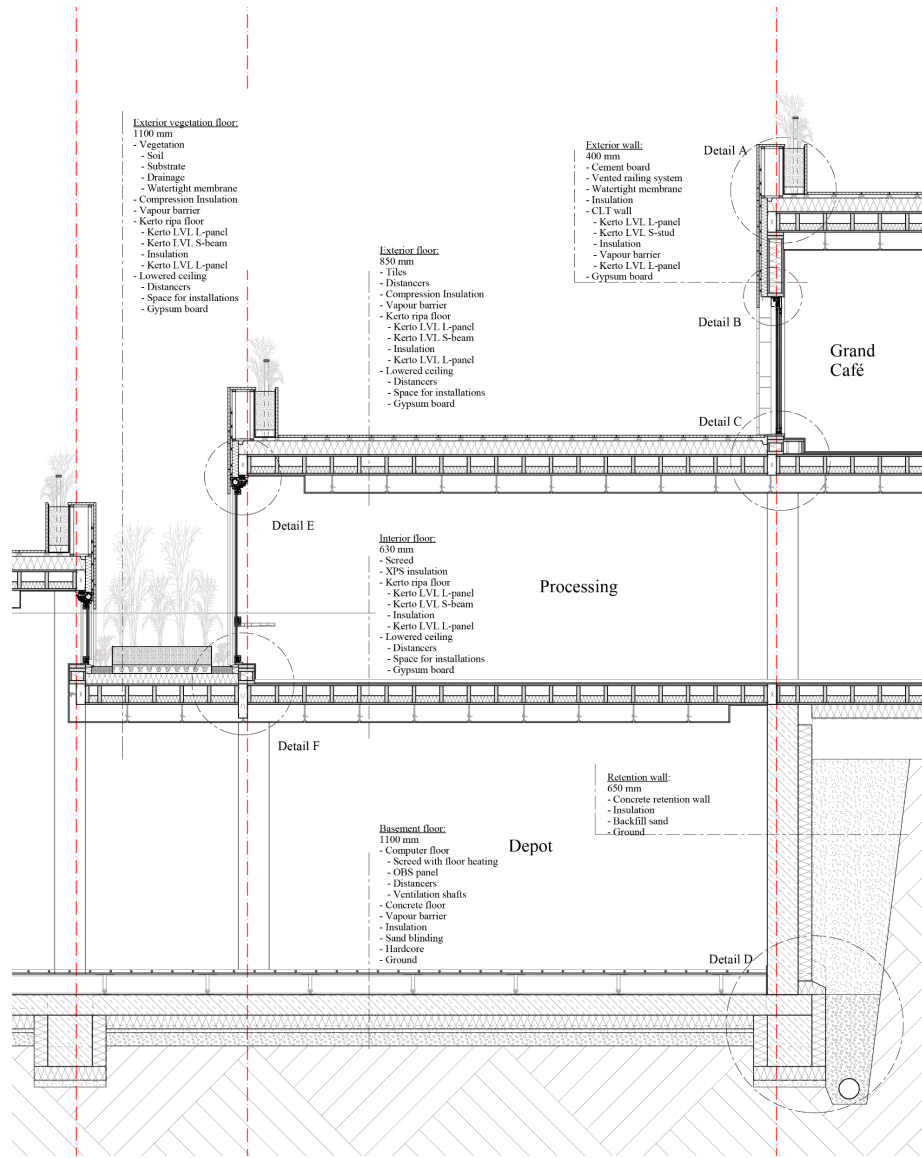
TYPOLOGIES



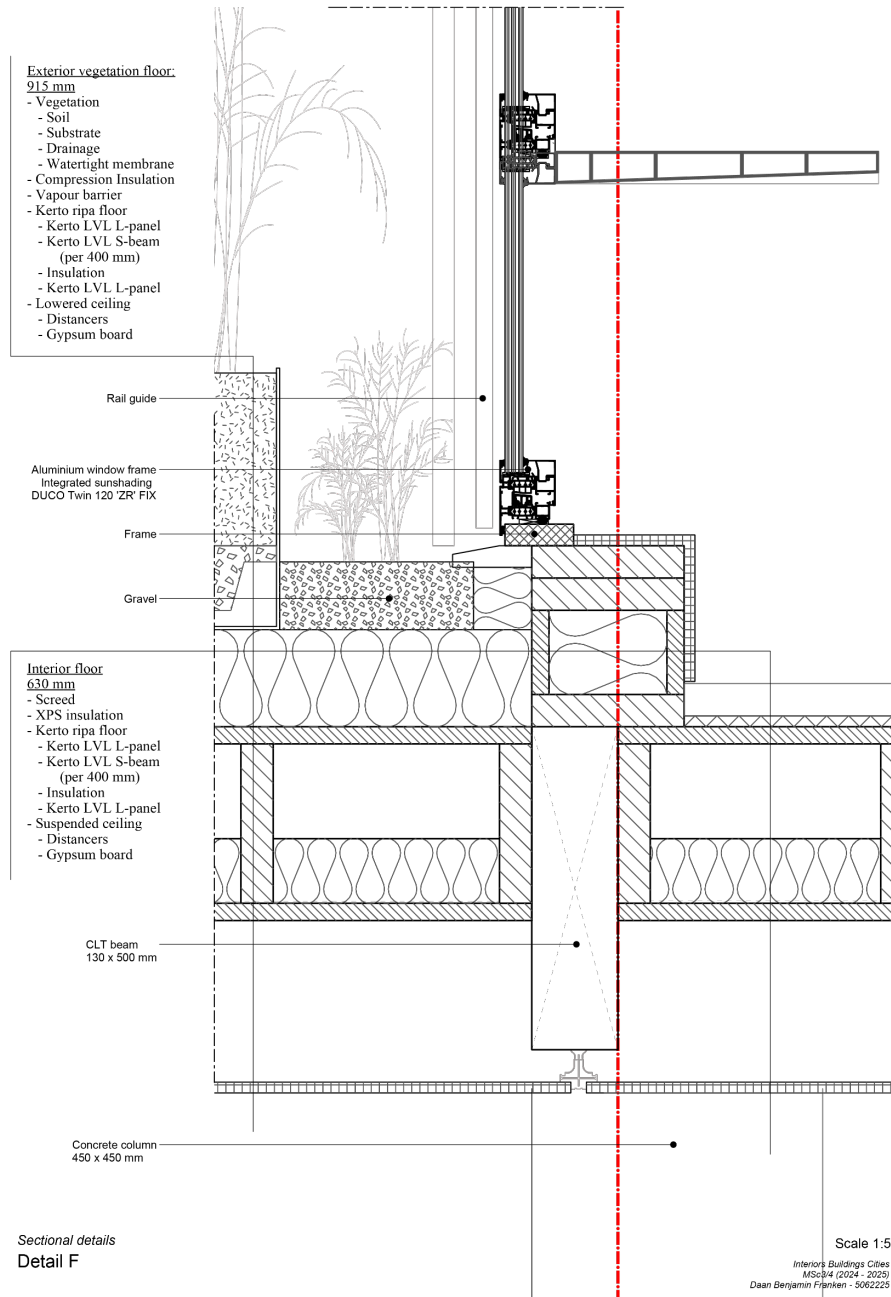
PROCESSING



PROCESSING



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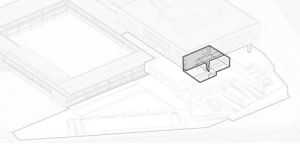


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Sectional details
Detail F

Scale 1:5

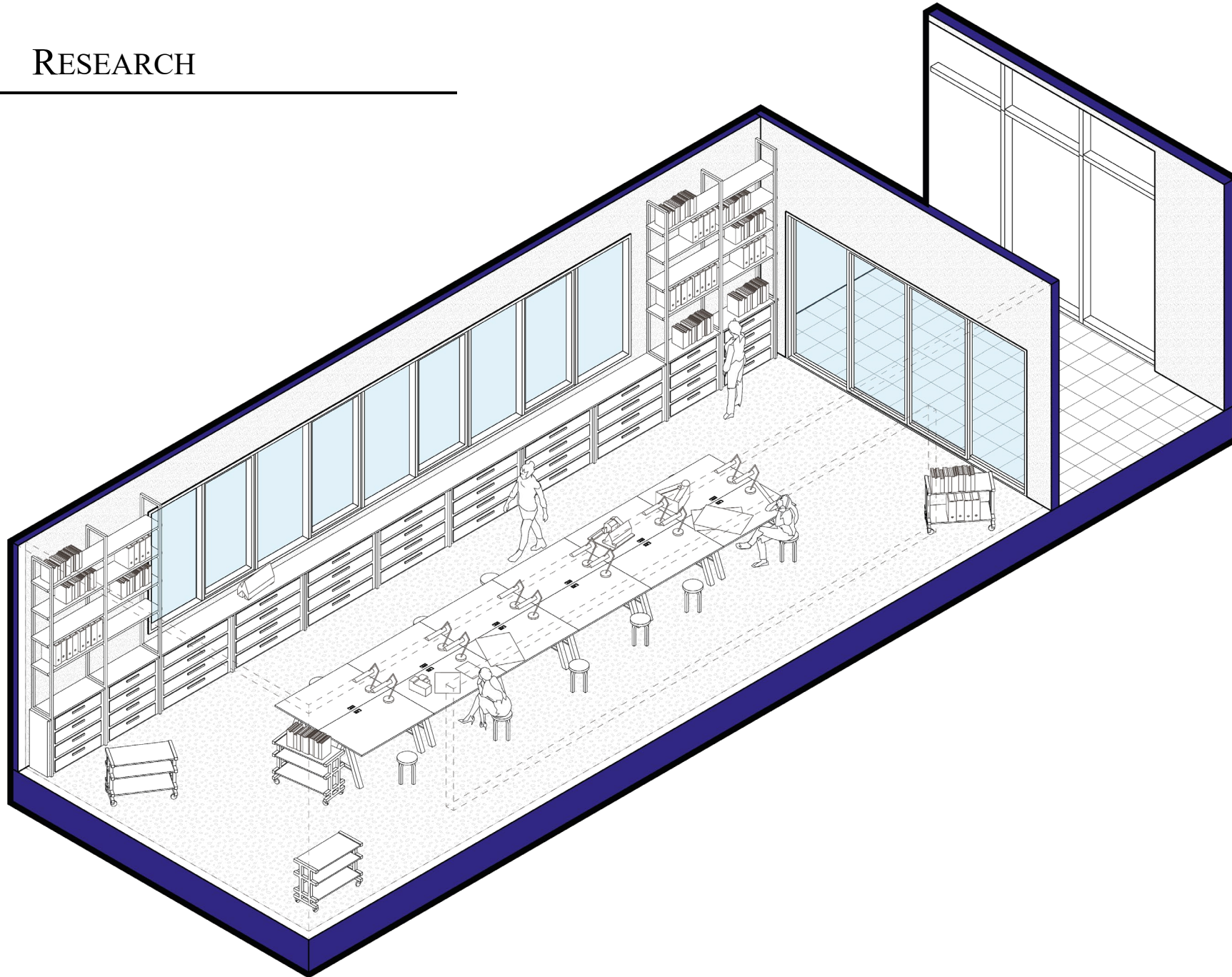
Interiors Buildings Cities
MScB4 (2024 - 2025)
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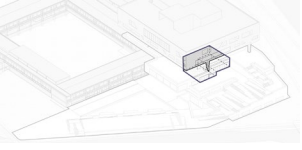
RESEARCH

TYPOLOGIES

38



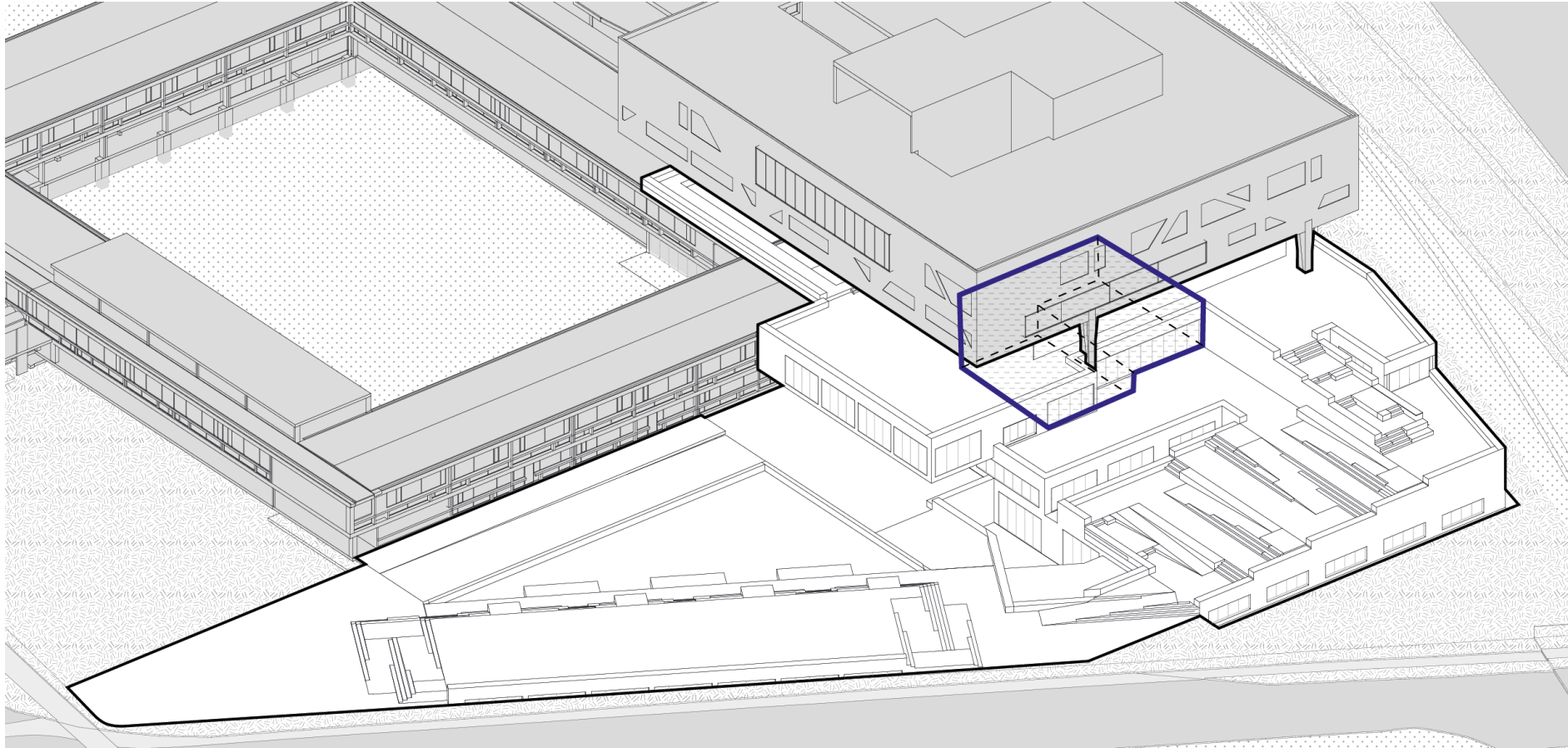
38_Semi-public typology



“AN ARCHIVE IS AN ACTIVE SPACE”

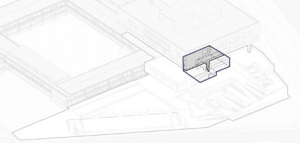
- Daniel Rosbottom

RESEARCH



39

39_Reading room core



RESEARCH

TYPOLOGIES

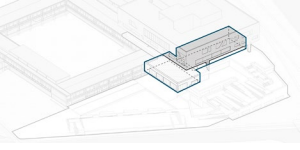


40

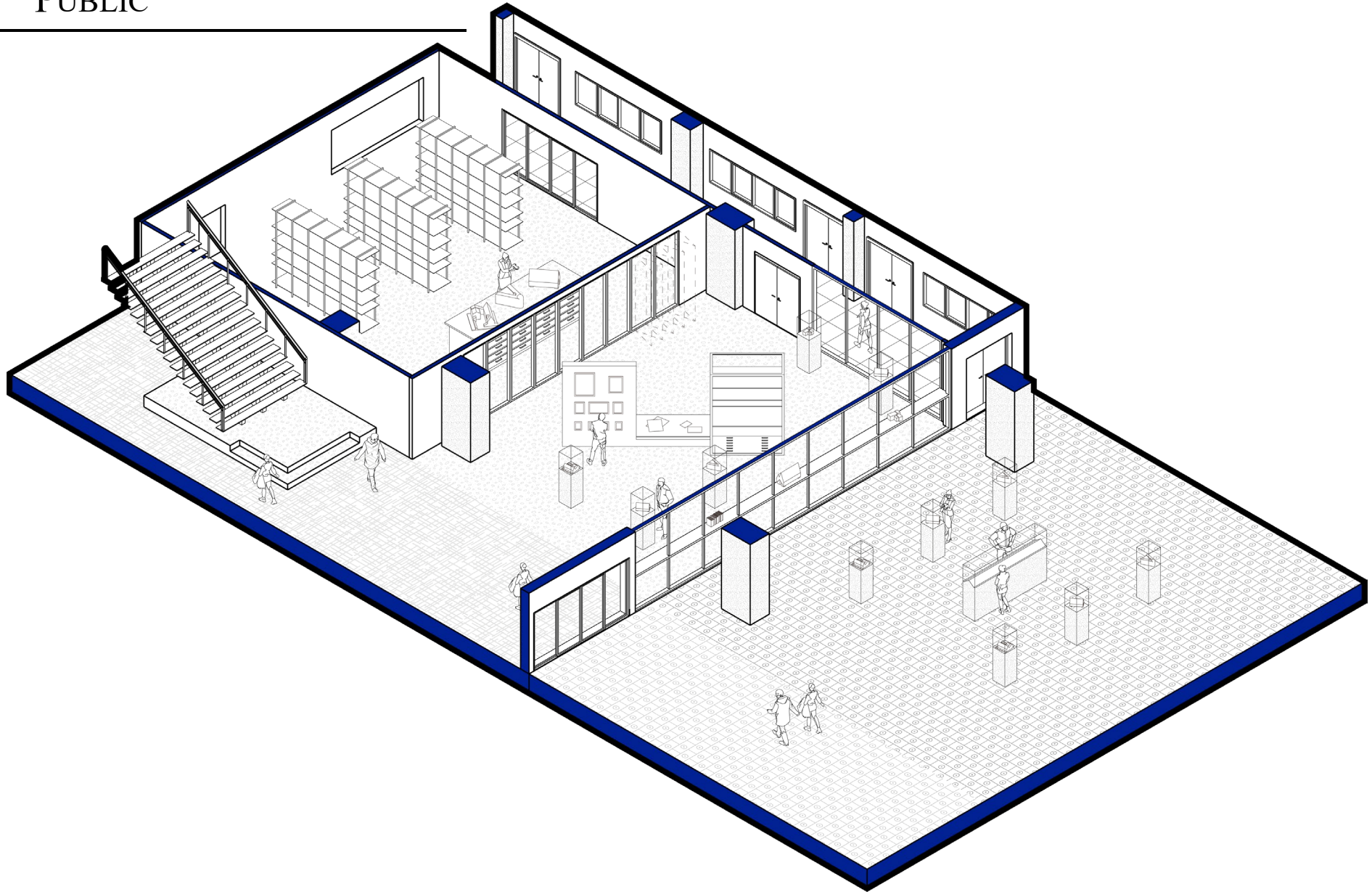


41

40_P1 perspective photo
41_P1 exhibition photo

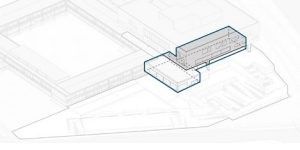


PUBLIC



42

42_Public typology



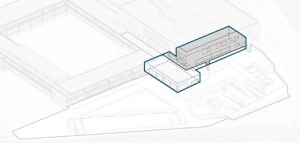
PUBLIC

TYPOLOGIES



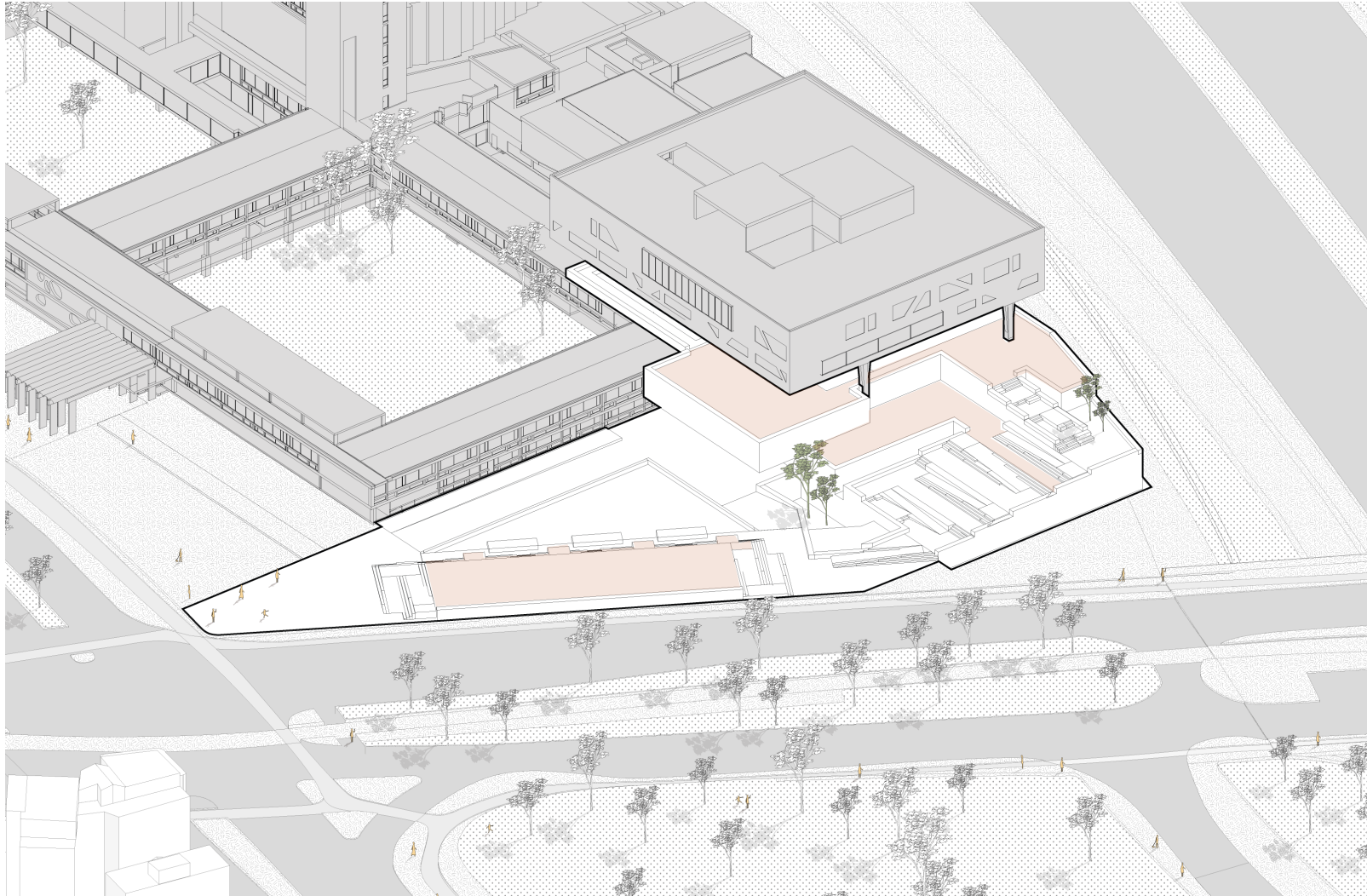
43

43_Urban corner render



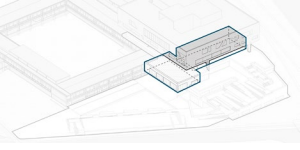
PUBLIC

TYPOLOGIES



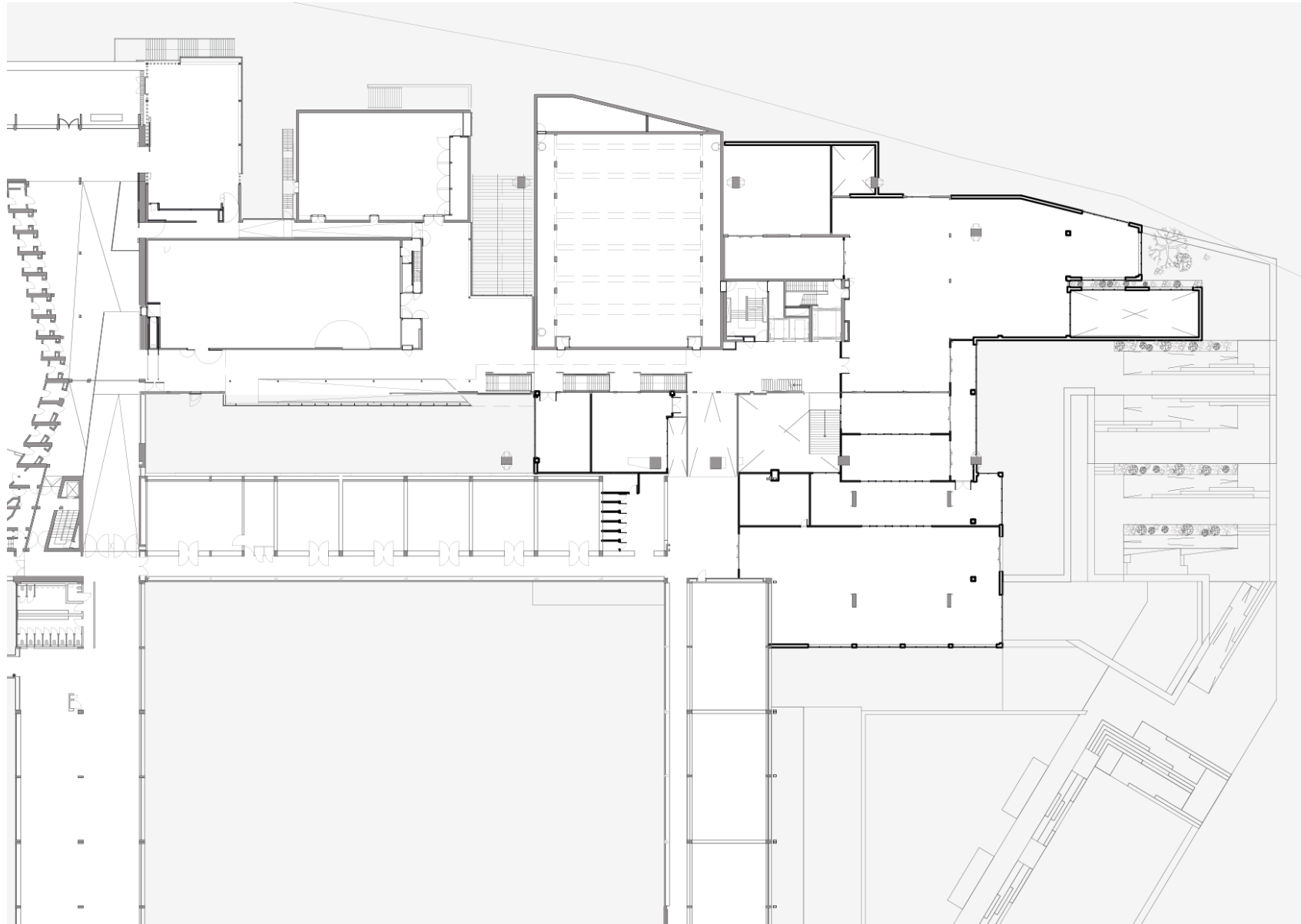
44

44_Public terraces



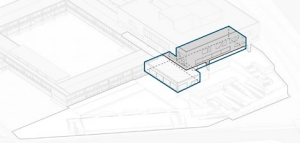
PUBLIC

TYPOLOGIES



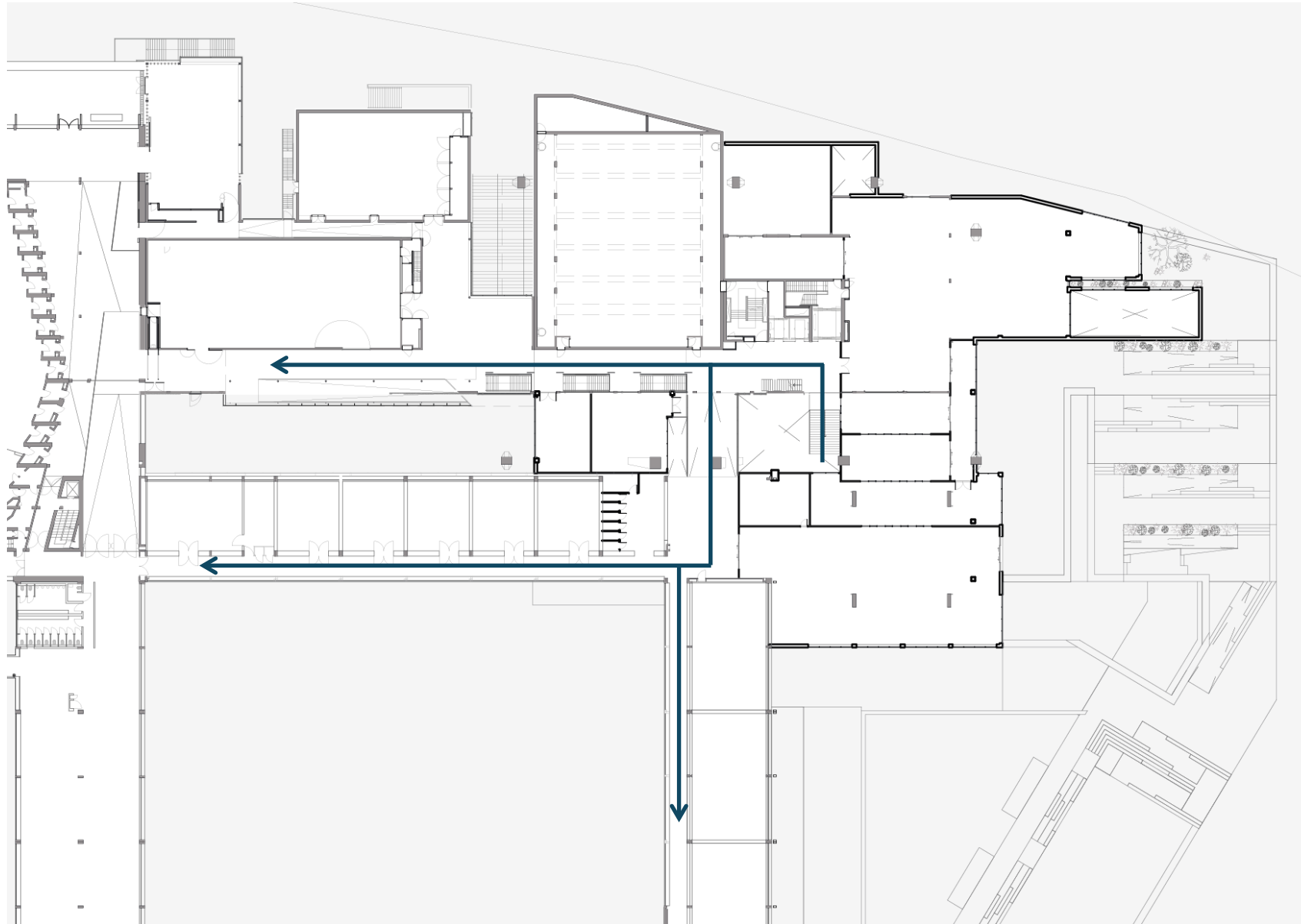
45

45_First floor circulation



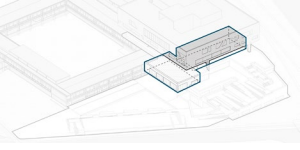
PUBLIC

TYPOLOGIES



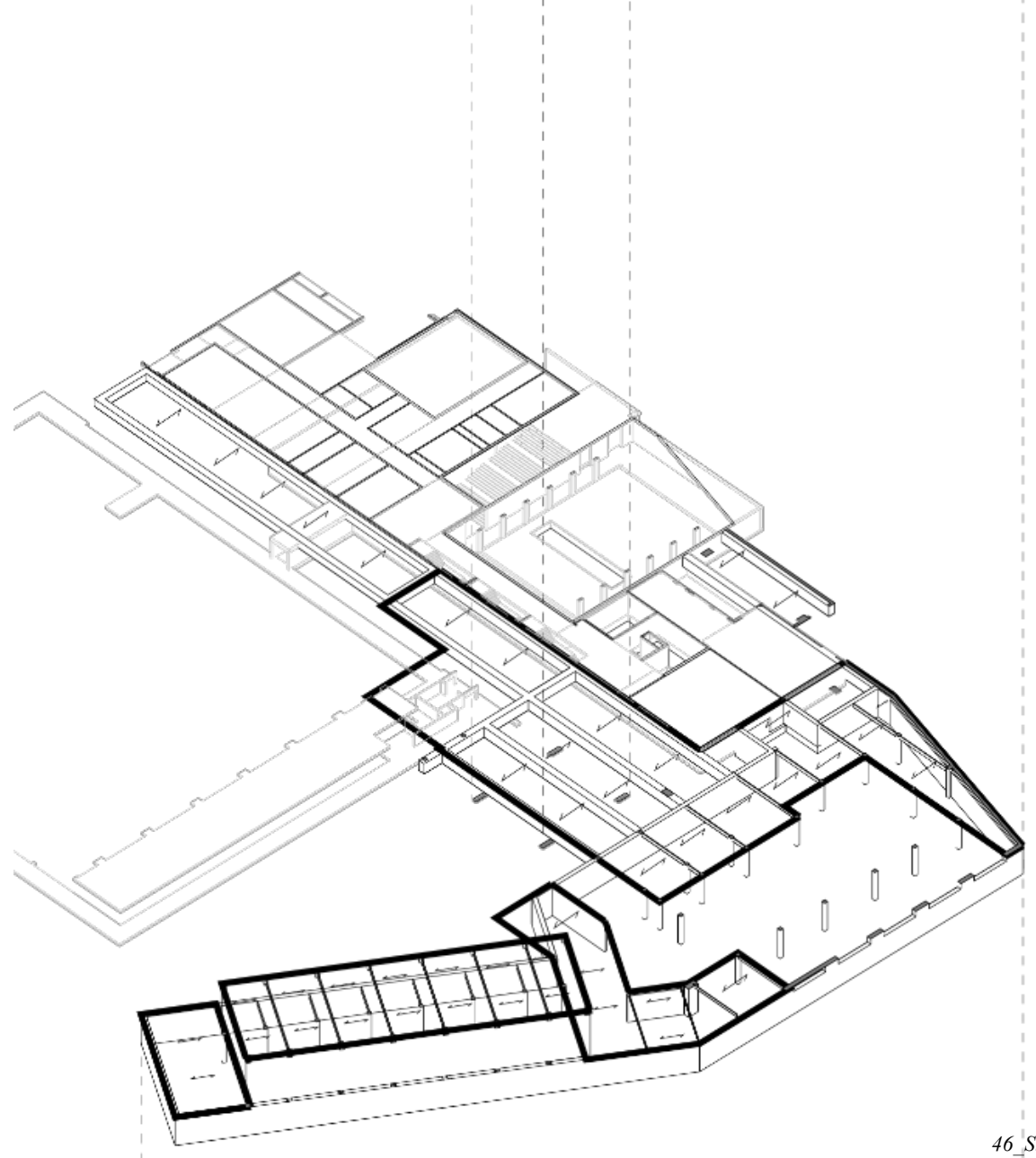
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45_First floor circulation



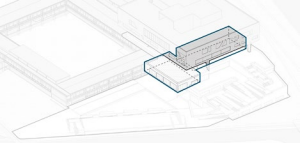
PUBLIC

TYPOLOGIES

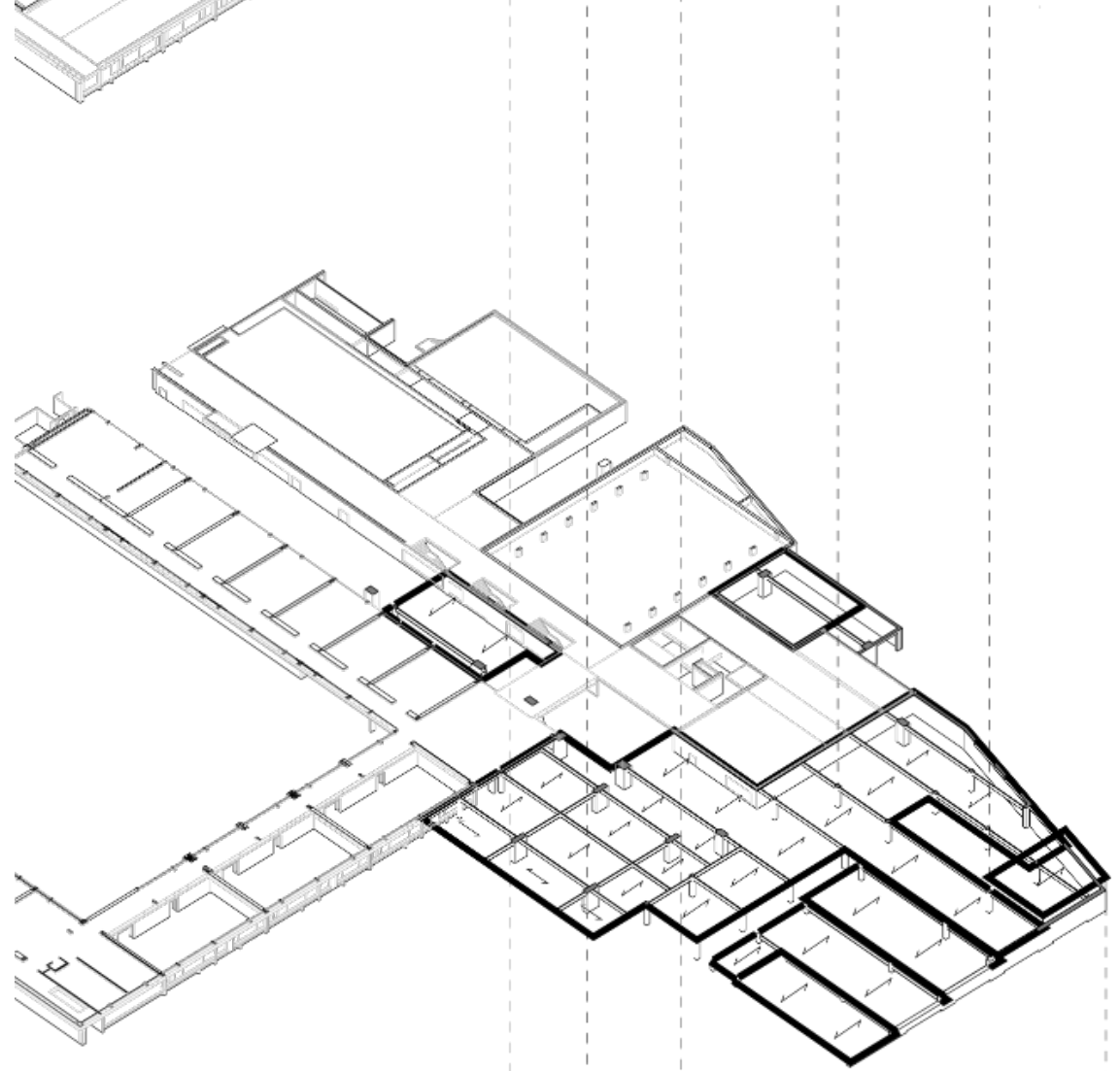


46

46_Structural axonometric

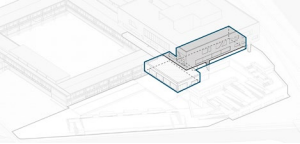


PUBLIC



46

46_Structural axonometric

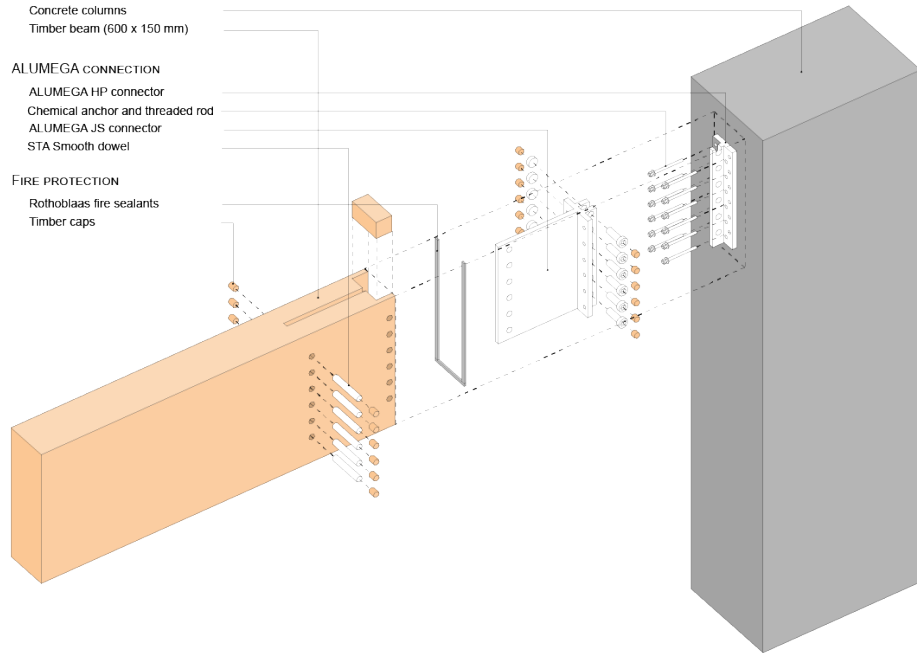


PUBLIC

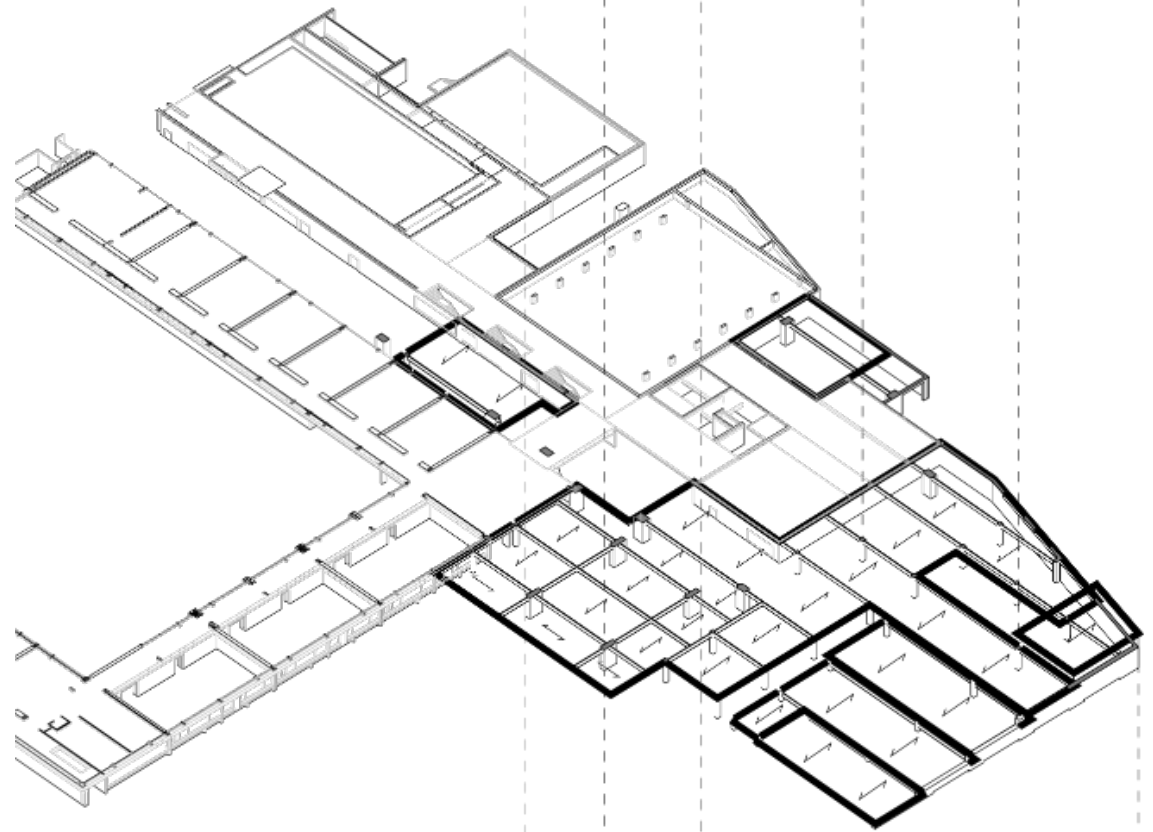
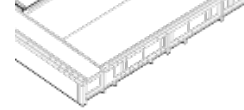
MAIN STRUCTURE
Concrete columns
Timber beam (600 x 150 mm)

ALUMEGA CONNECTION
ALUMEGA HP connector
Chemical anchor and threaded rod
ALUMEGA JS connector
STA Smooth dowel

FIRE PROTECTION
Rothoblaas fire sealants
Timber caps

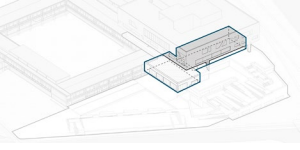


47

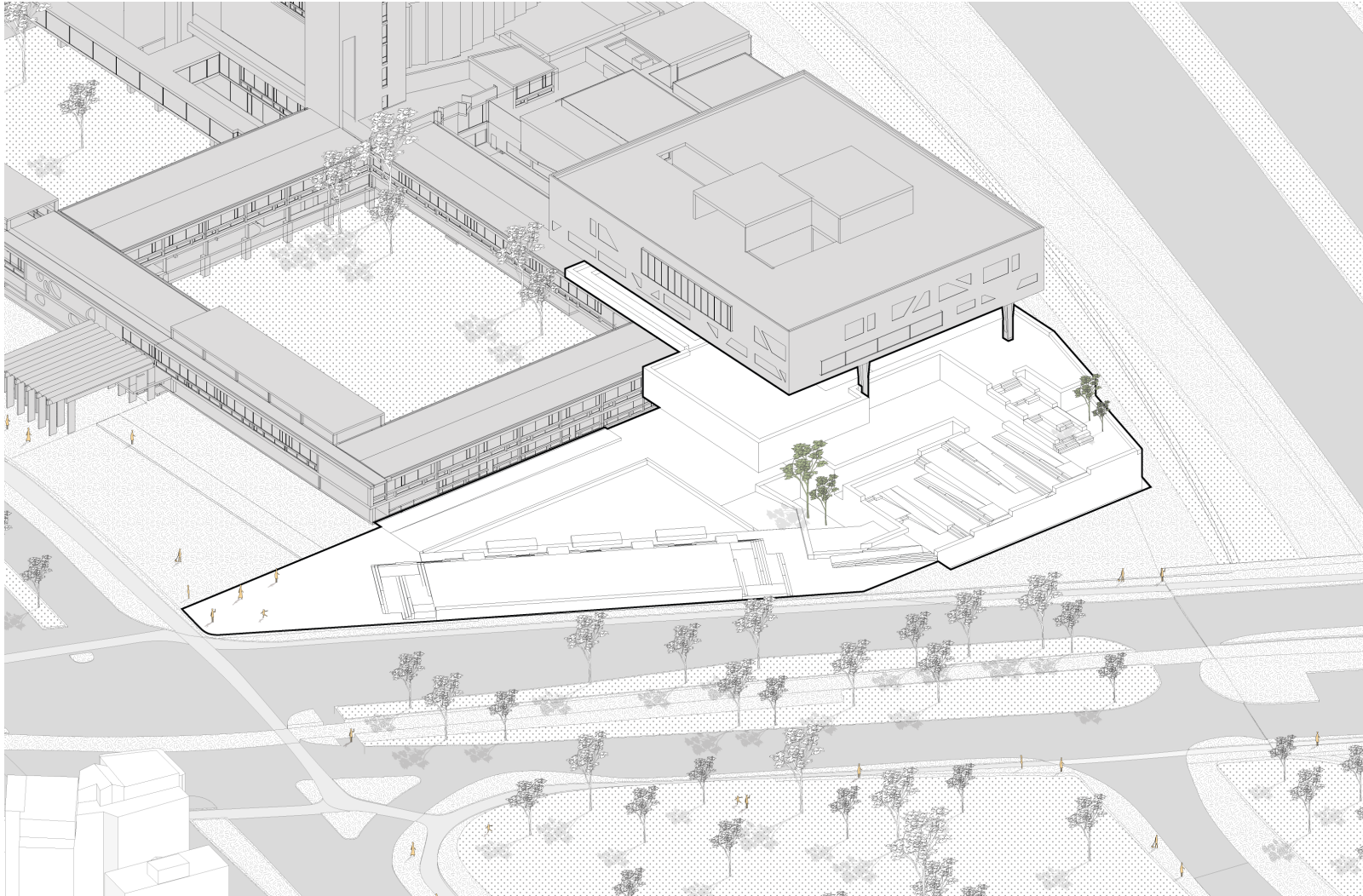


46

46_Structural axonometric
47_Connection concept



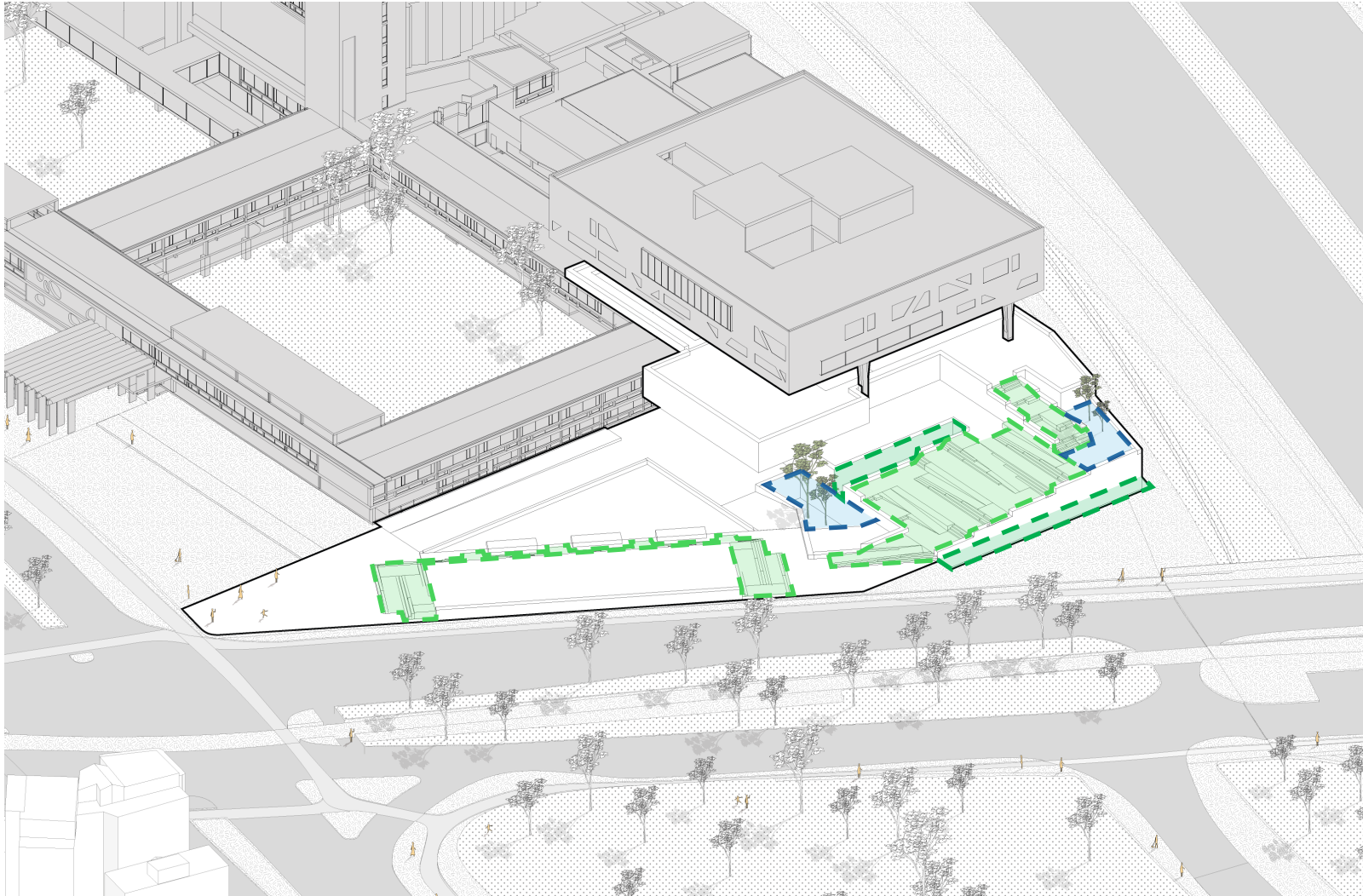
PUBLIC



48

48_Full axonometric

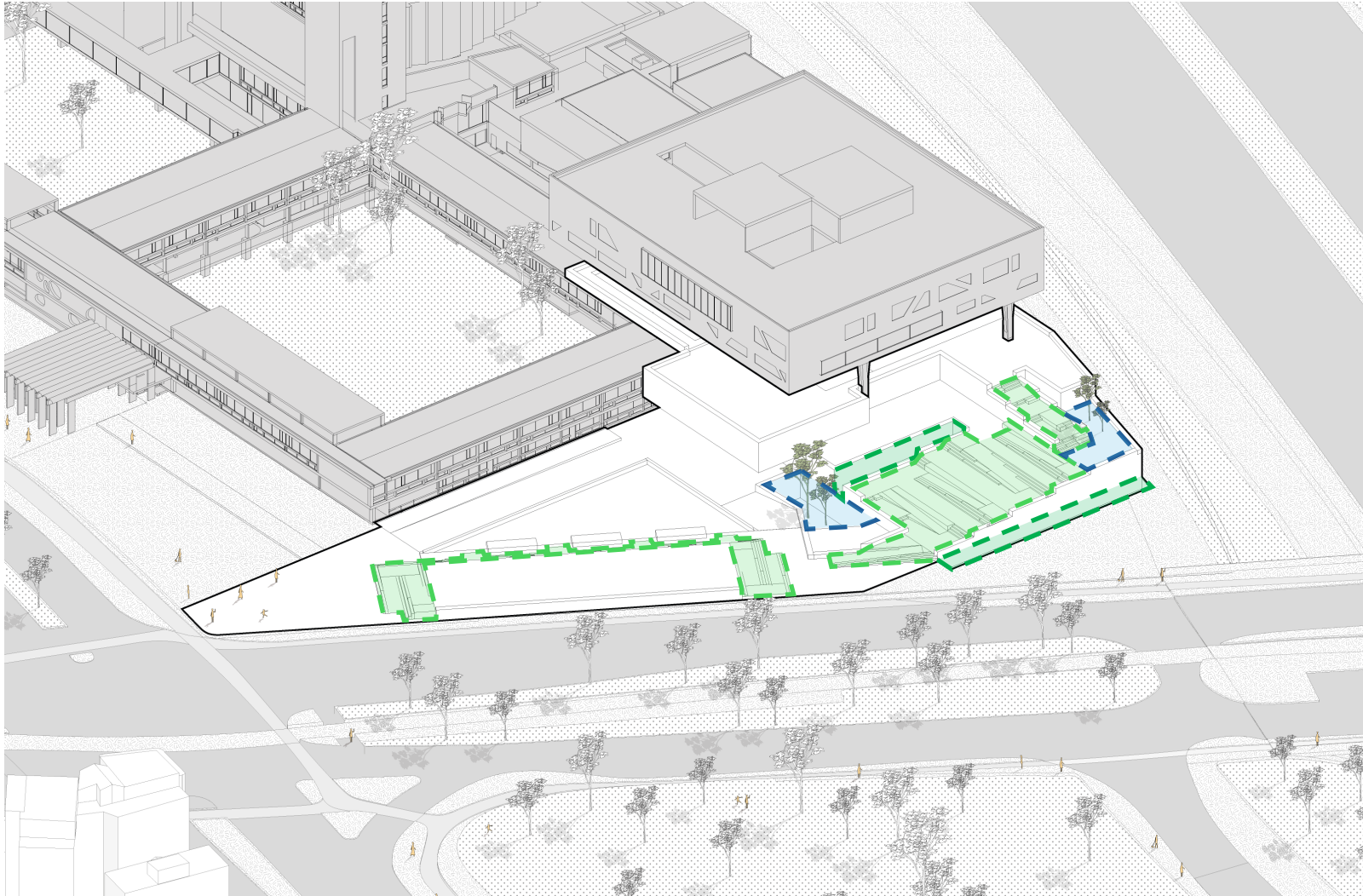
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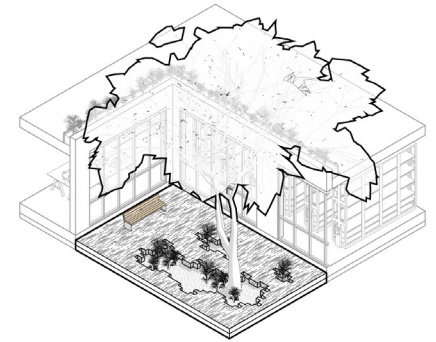
48

48_Full axonometric

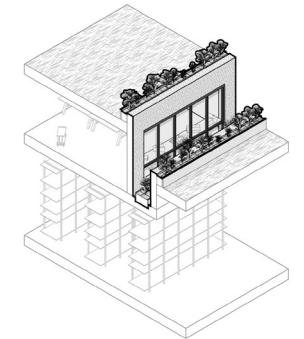
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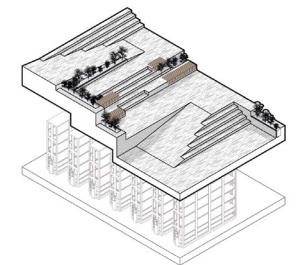
48



49



50



51

48_Full axonometric
49_Patio design tool
50_Storefront buffer design tool
51_Terraced stairs design tool



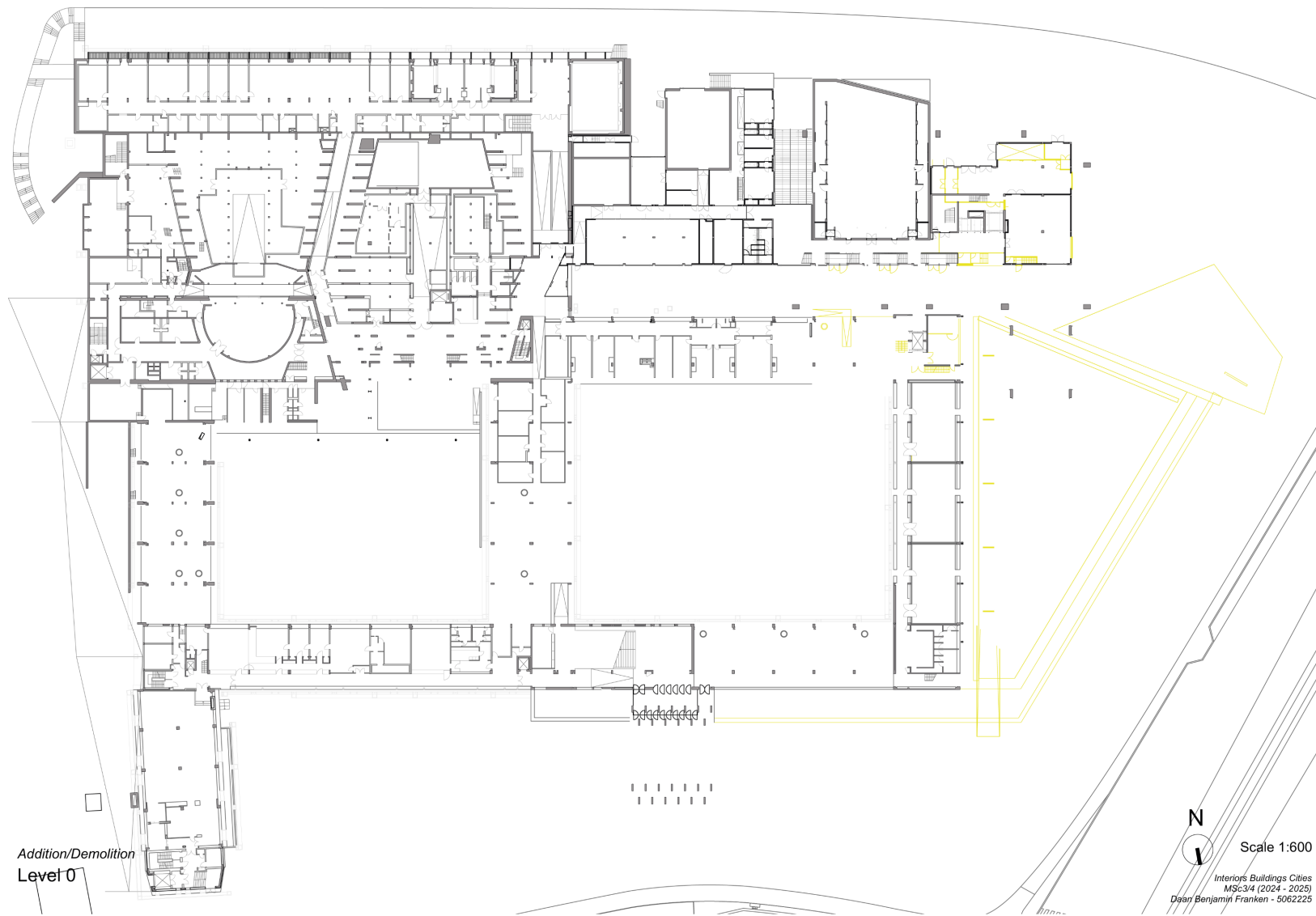


THANK YOU!

Interiors Buildings Cities – Graduation studio MSc 3/4

P5 – 18.06.2025 – Daan Benjamin Franken - 5062225

ADDITION/DEMOLITION

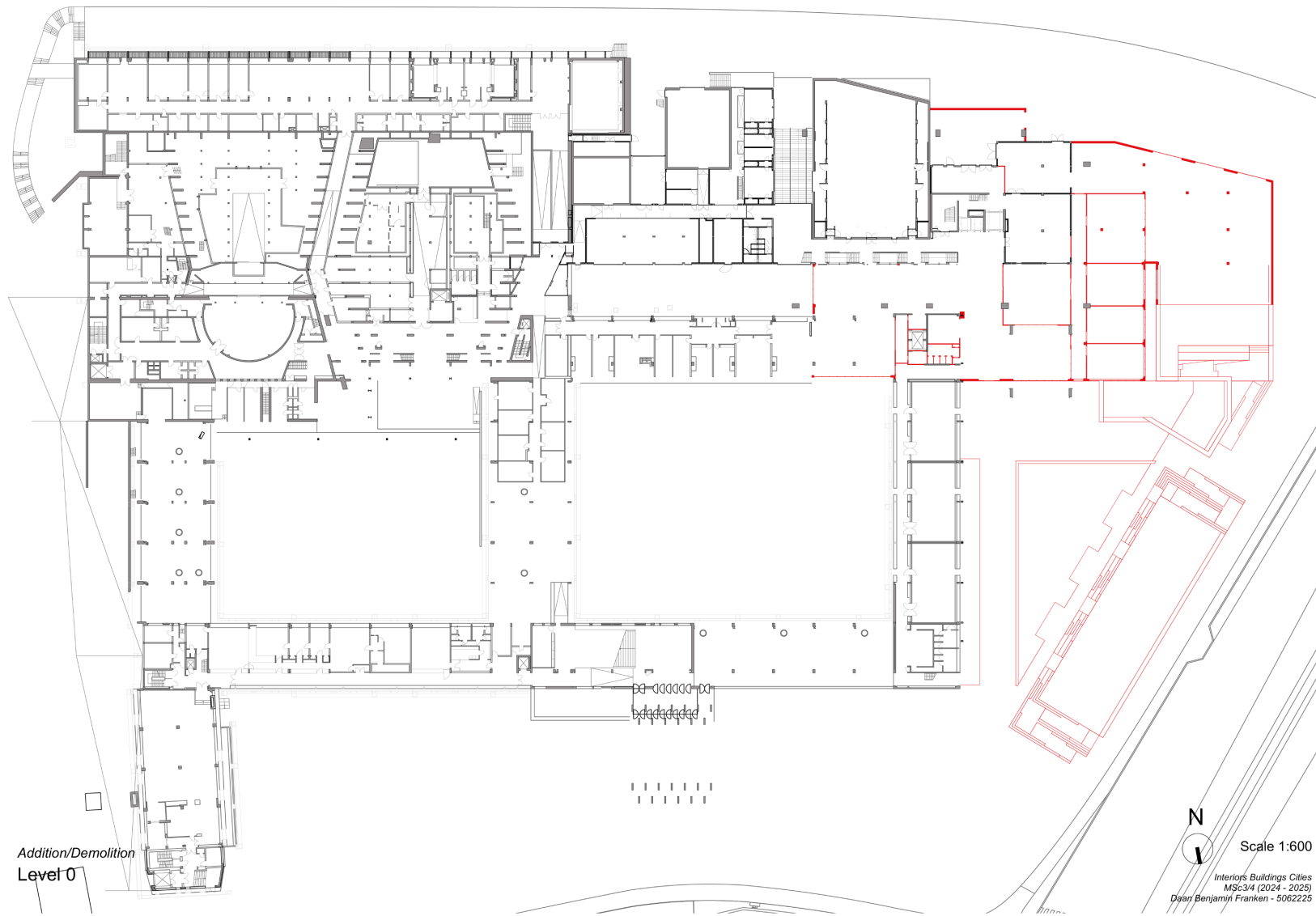


52

52_First floorplan addition/demolition

N
Scale 1:600
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MSC/3/4 (2024 - 2025)
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ADDITION/DEMOLITION



Addition/Demolition
Level 0

N
Scale 1:600
Interiors Buildings Cities
MSG/3/4 (2024 - 2025)
Daan Benjamin Franken - 5062225

52_First floorplan addition/demolition

VEGETATION



53



54



55

*53_ New Zealand flax
54_ Feather reed grass
55_ Blackhawks big bluestem*

RING CITY



55

55_ 'Ring city' by the municipality of Antwerp