

A new edge for DeSingel

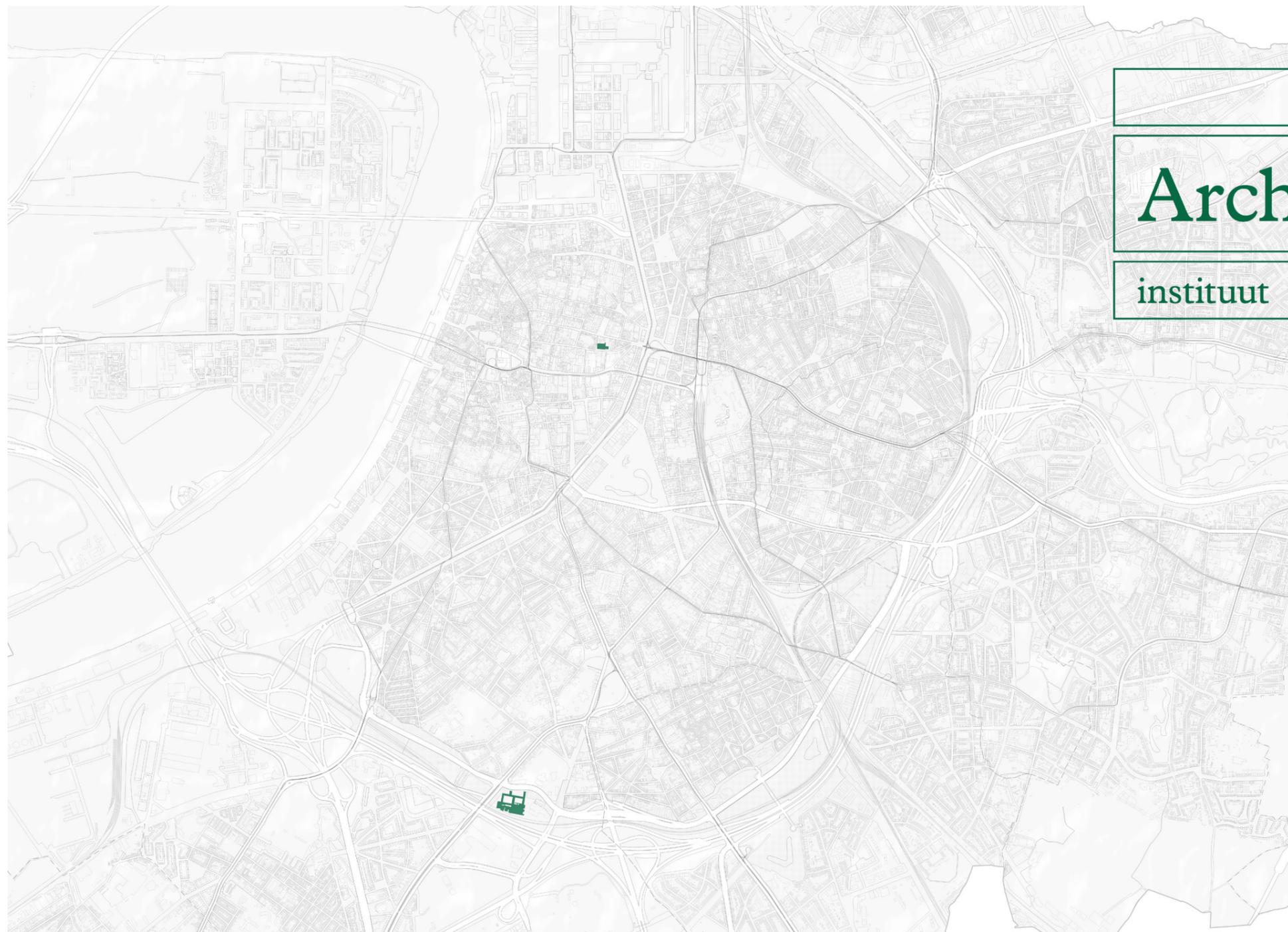
Framing the landscape

P5 presentation

Interiors, Buildings, Cities

Veronica Danesin

Palace



Vlaams

Architectuur

instituut

Location of DeSingel and Parochiaanstraat 7 depot

base drawing made by Margaux Lomax, 2024

deSingel

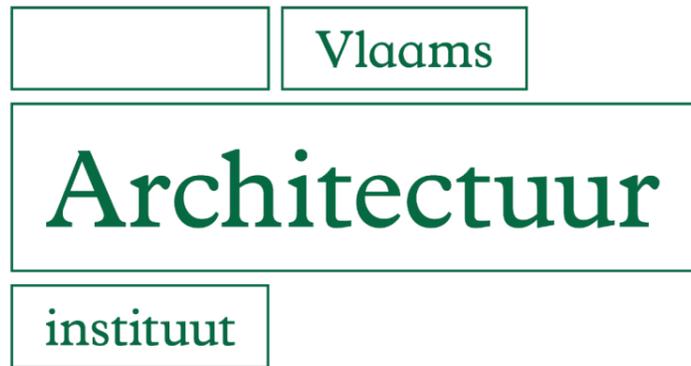


Archival picture of DeSingel, Felixarchief, folder 2393#3240



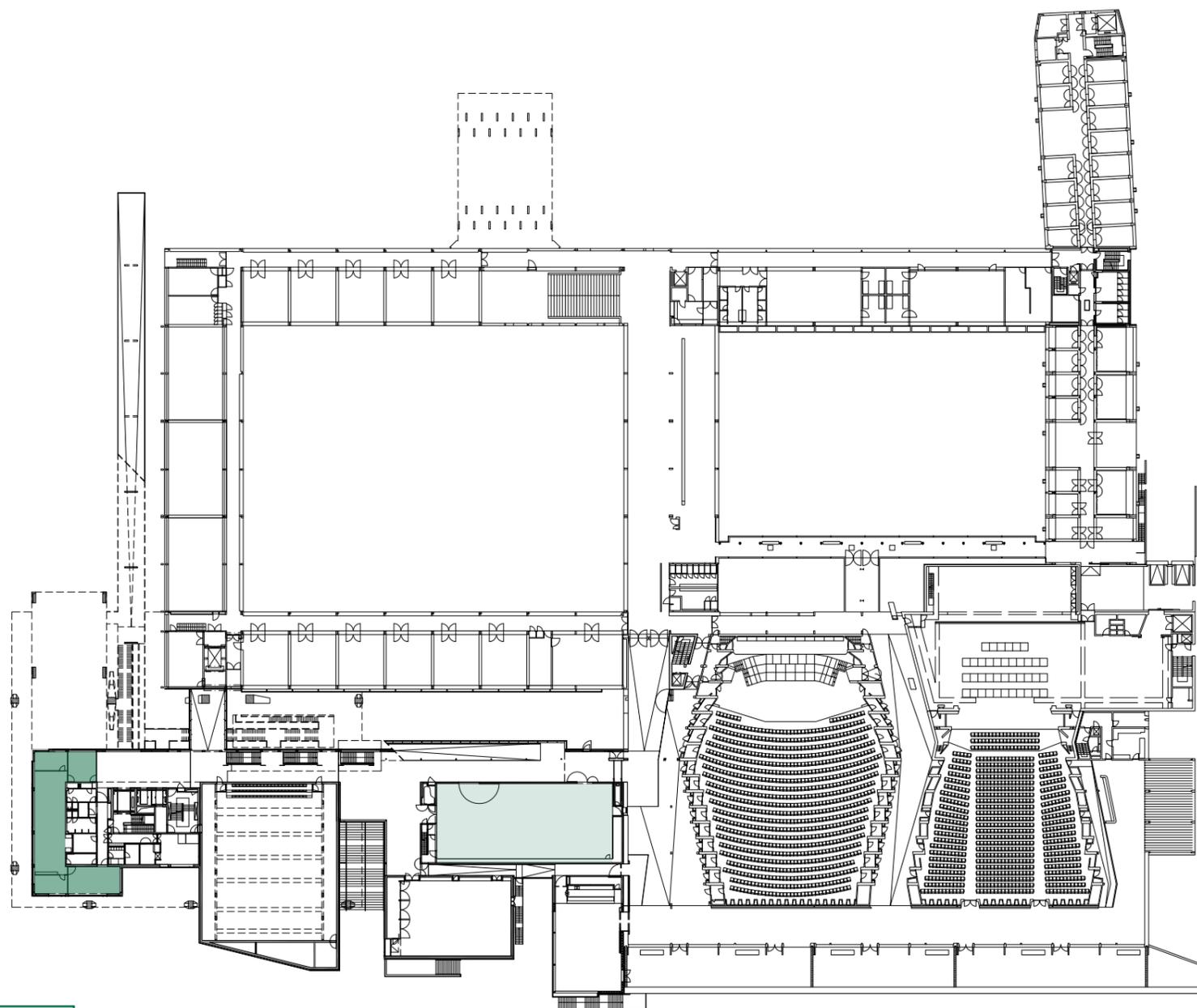
I SOLISTI

BELGIAN WIND ENSEMBLE ANTWERP



deSingel





Vlaams

Architectuur

instituut

Stéphane Beel plans of deSingel with added areas used by the VAI

First floor



Name	Size m ²	Description
Total	5157,25	
Public	700	
Reception and counter	100	incl. separate sanitary facilities and seating
Exhibition space/multifunctional space	200	cf. current reading room 96m2, is too small; keep reading room and library separate; small separate group study room
Reading room	200	
Library	200	Books and visitors' workstations
Additional	872,25	
Staff workspace	300	
Large workplace for archive employees	300	12.5 m2 per employee (+/-30 employees, including interns, temporary employees, etc.)
Large workstation with archives	12,25	3.5x3.5m
Standard office space		
Focus Spots		
1 large meeting room	80	
1 small meeting room	30	
kitchen, bathroom, dressing room	150	
Archive	3585	
Storage packaging material	120	near archive depot, office
Loading and unloading space	150	
Waiting depot	100	emergency depot, storage of non-exclusive archives, bulk pallets
Tirage space correct - contaminated material	60	
Quarantine	120	Storage of containment material =
Cleaning	60	Processing of containment material
pre-depot	60	Storage of own material
processing	60	processing of own material
Digitization space	60	own material
Restoration studio	60	own material
Depot storage	2500	Currently 1500, growth in recent years 470m in 5-7 yrs > per 5yr 400m with extensive storage system, paper climate class
Climate class photo storage	100	
Bulk storage		
Storage in racks and planning cabinets		
View depot	125	visually attractive, desire to collect more 3D objects, this could be a regular depot box with a transparent wall in front
Server space	10	not on functional schedule

Brief

Content:

An Edge

A Building

A Wall

A Garden

An Edge

Context

Current situation



City of Antwerp
Google Satellite, 2024

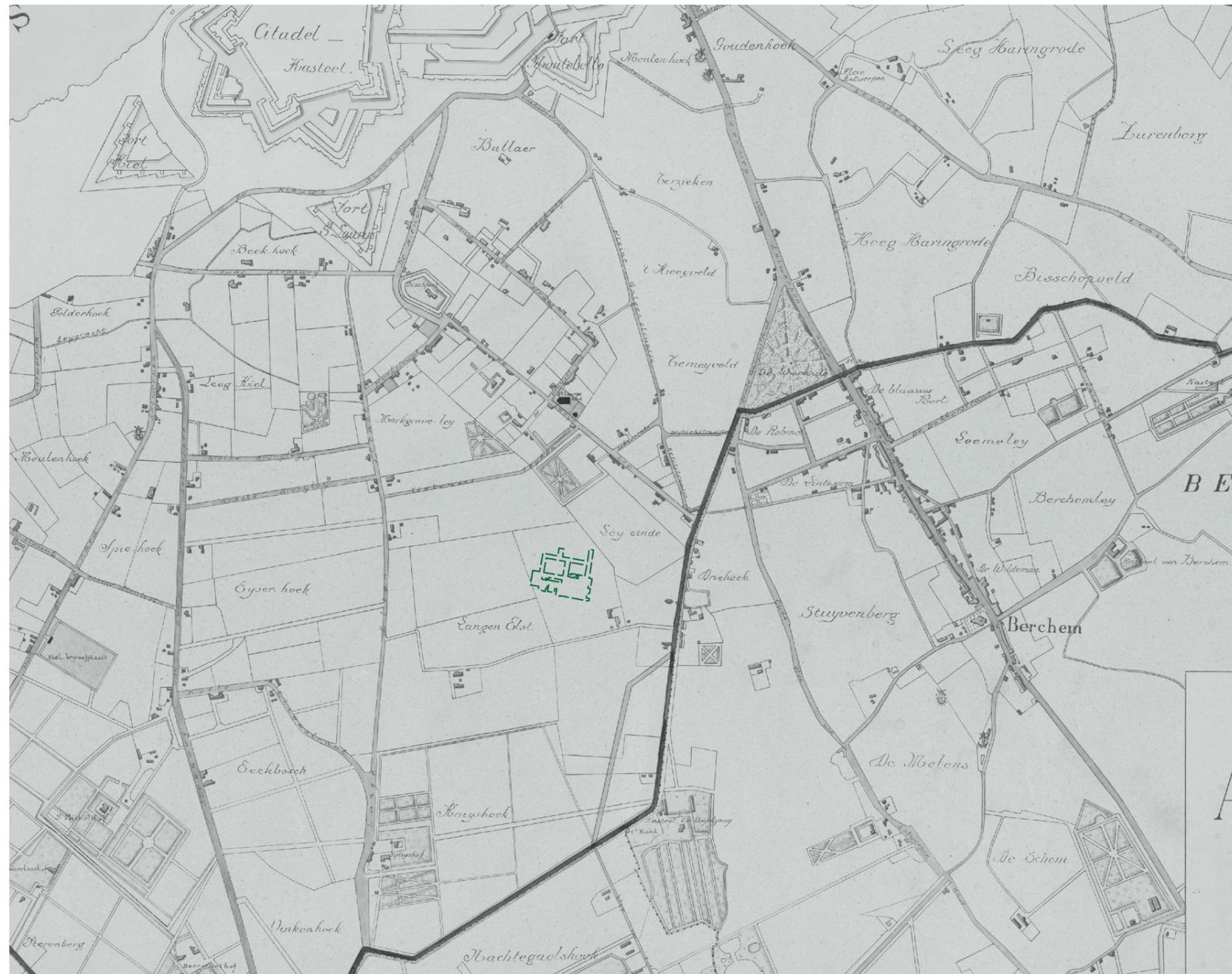
Context

Current situation



DeSingel

Google Satellite, 2024



1831 Antwerp situation

maps of Antwerp, 'Geopunt'. n.d. Geopunt.be.



1897 Antwerp situation

maps of Antwerp, 'Geopunt'. n.d. Geopunt.be.



1860's Antwerp city Rampant de Wilryck

Felixarchief, Vestingen: tussen Wilrijkse en Edegemse poort, Antwerpen niet gedateerd, folder GP#492 and GP#493, Unknown date (around 1850 - 1900)



1950

maps of Antwerp, 'Geopunt'. n.d. Geopunt.be.



1981

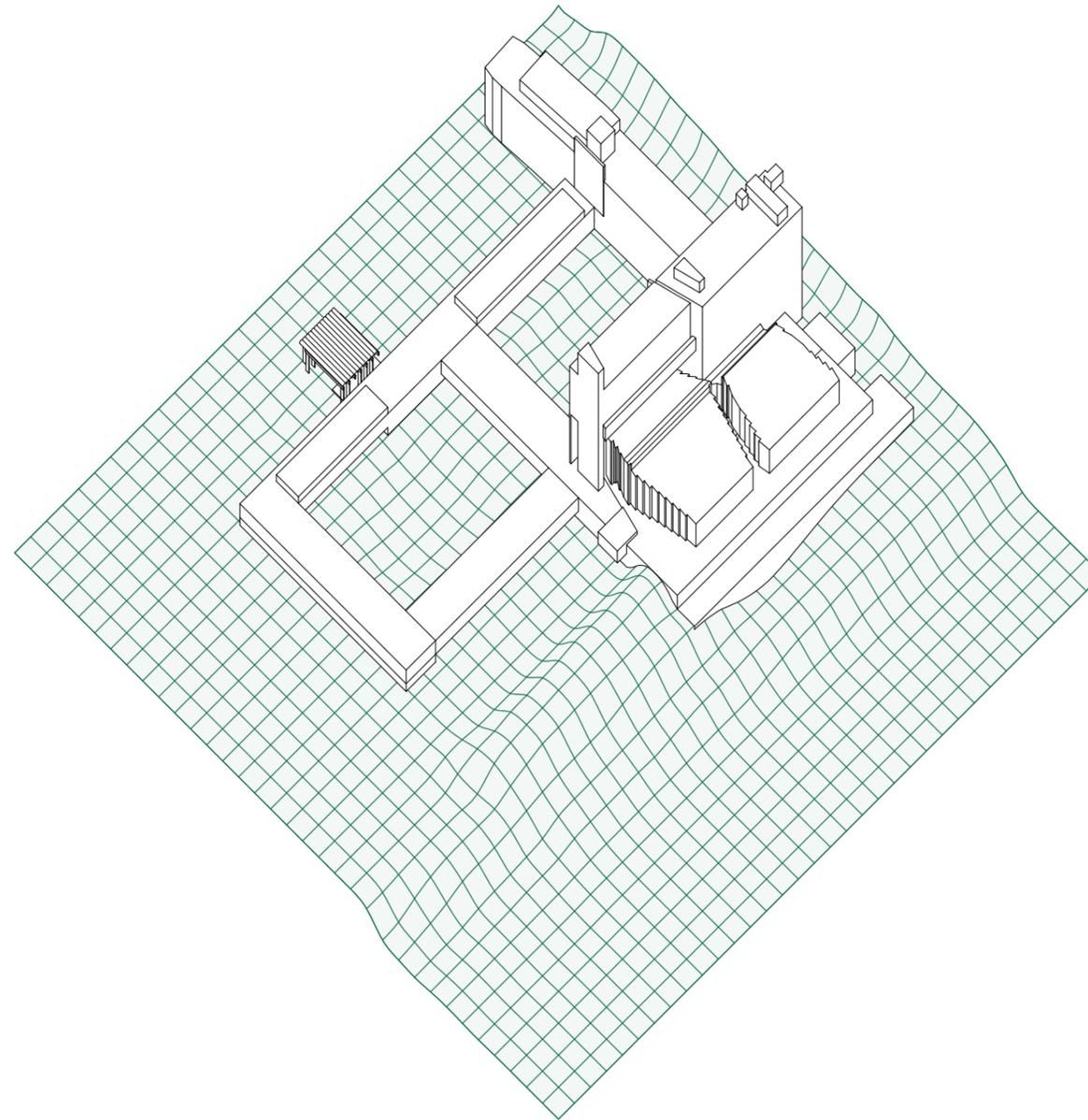
maps of Antwerp, 'Geopunt'. n.d. Geopunt.be.



Highway E34

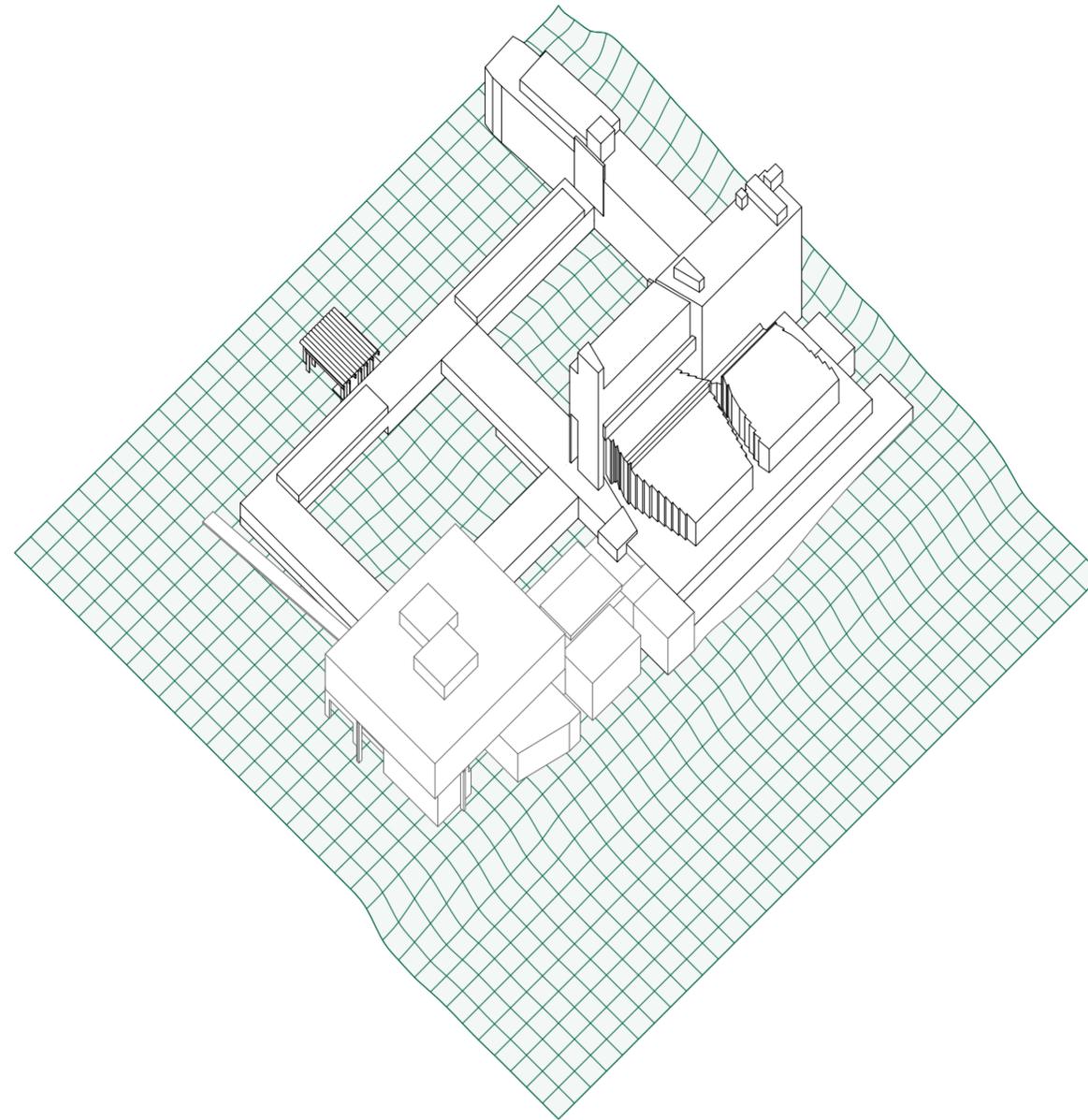
Felixarchief, folder 2393#3240 and picture taken by author 2024

A Building



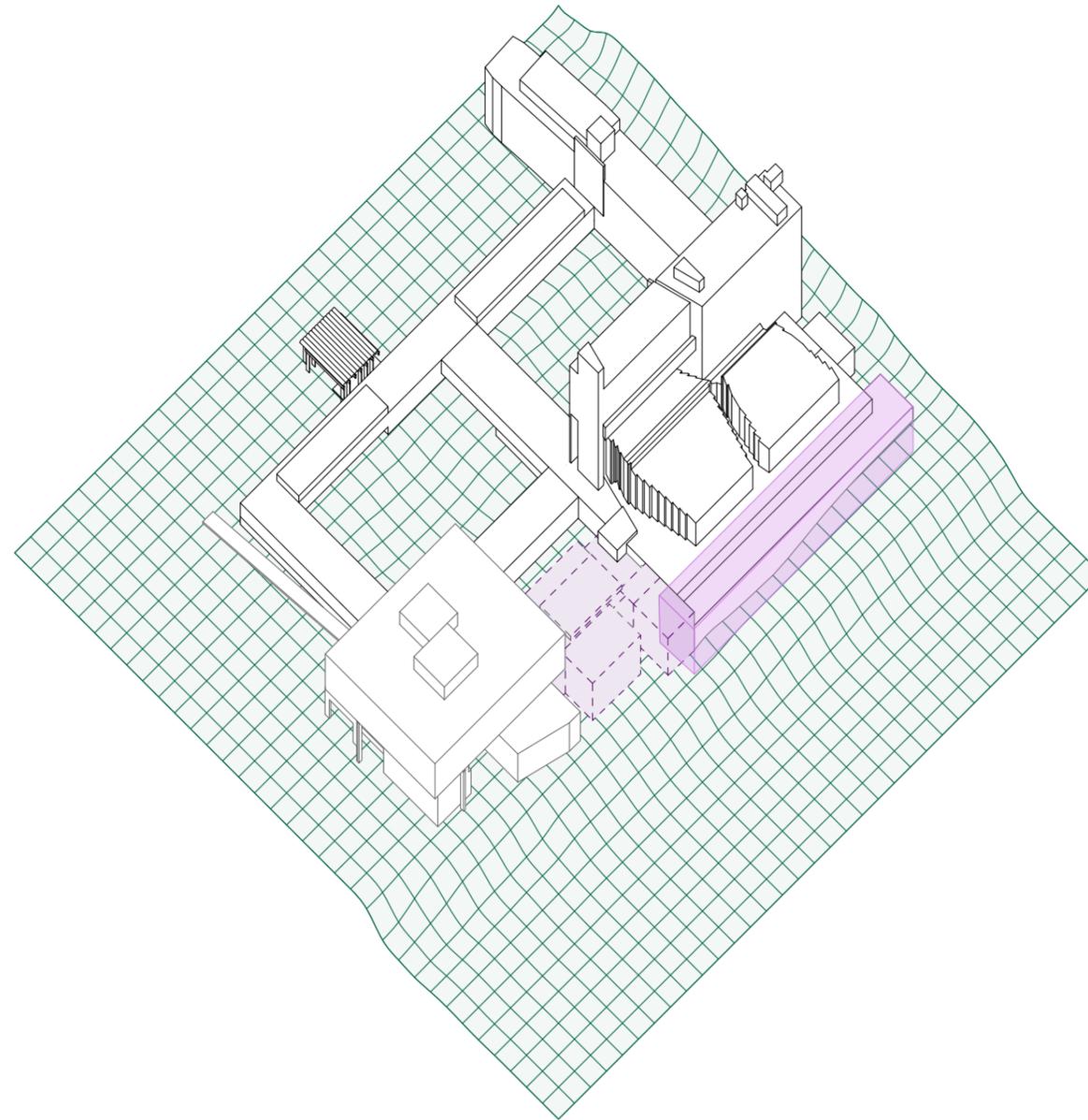
Axo of DeSingel, after 4th phase, and its relation with the landscape

Made by author, 2025



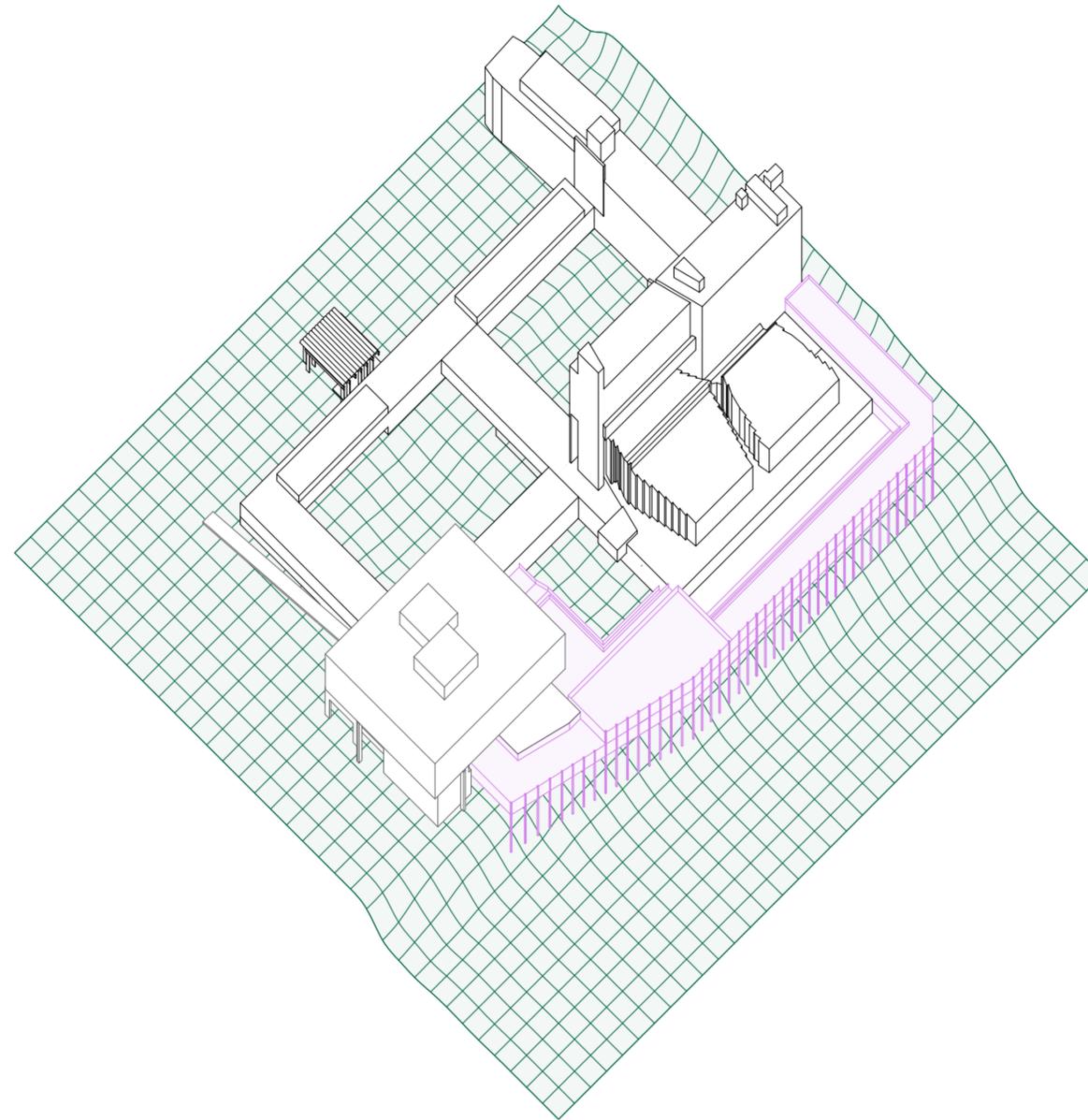
Axo of DeSingel, after 6th phase, and its relation with the landscape

Made by author, 2025



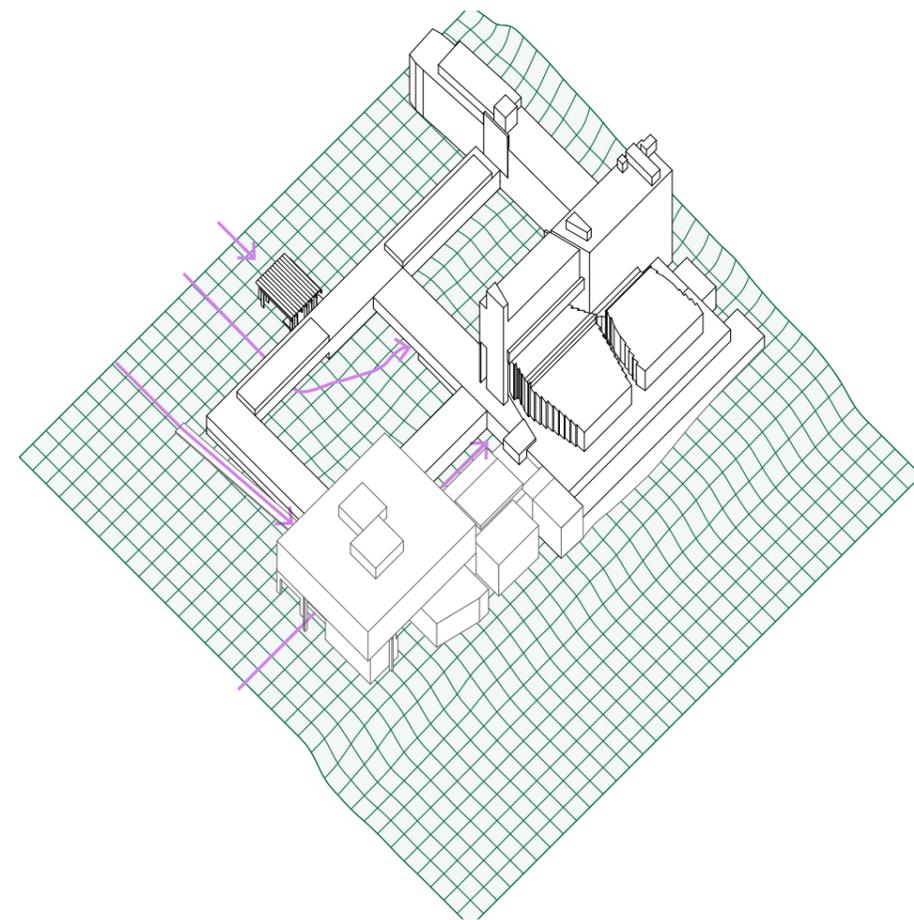
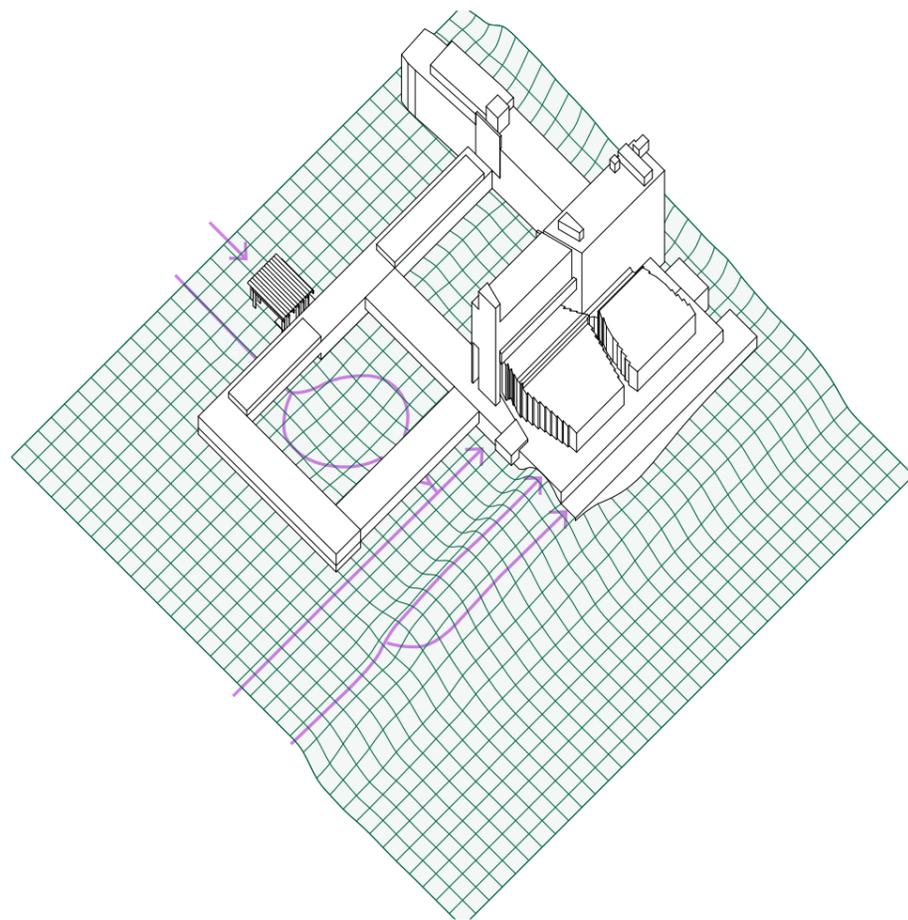
Axo of DeSingel, after 6th phase, and its relation with the landscape

Made by author, 2025



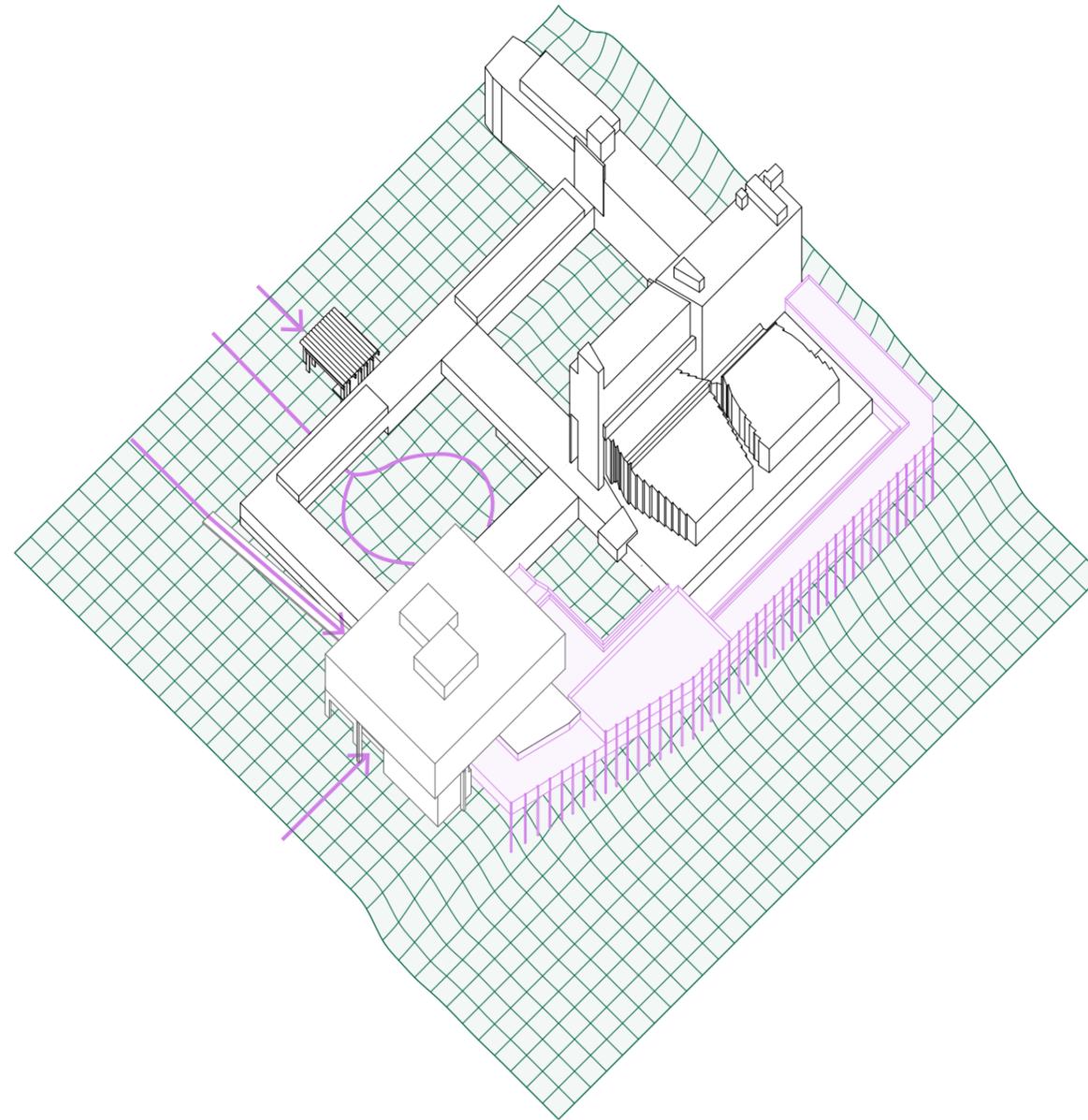
Axonometry with addition

Made by author, 2025



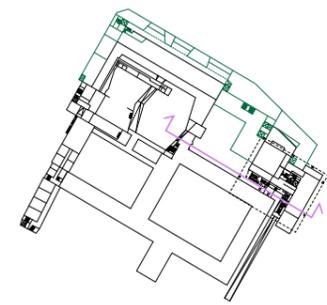
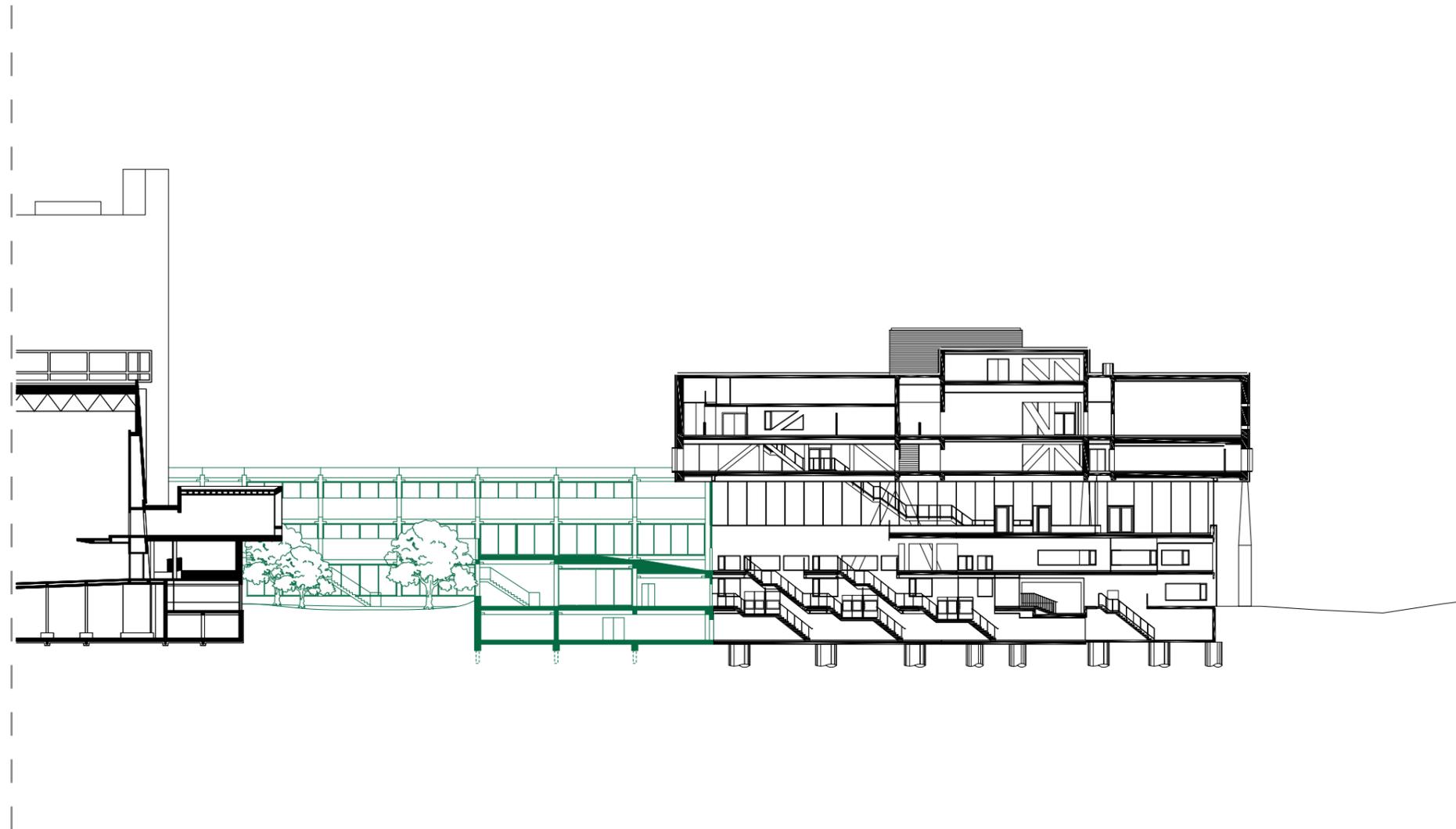
How circulation has changed from 1st to 6th phase

Made by author, 2025



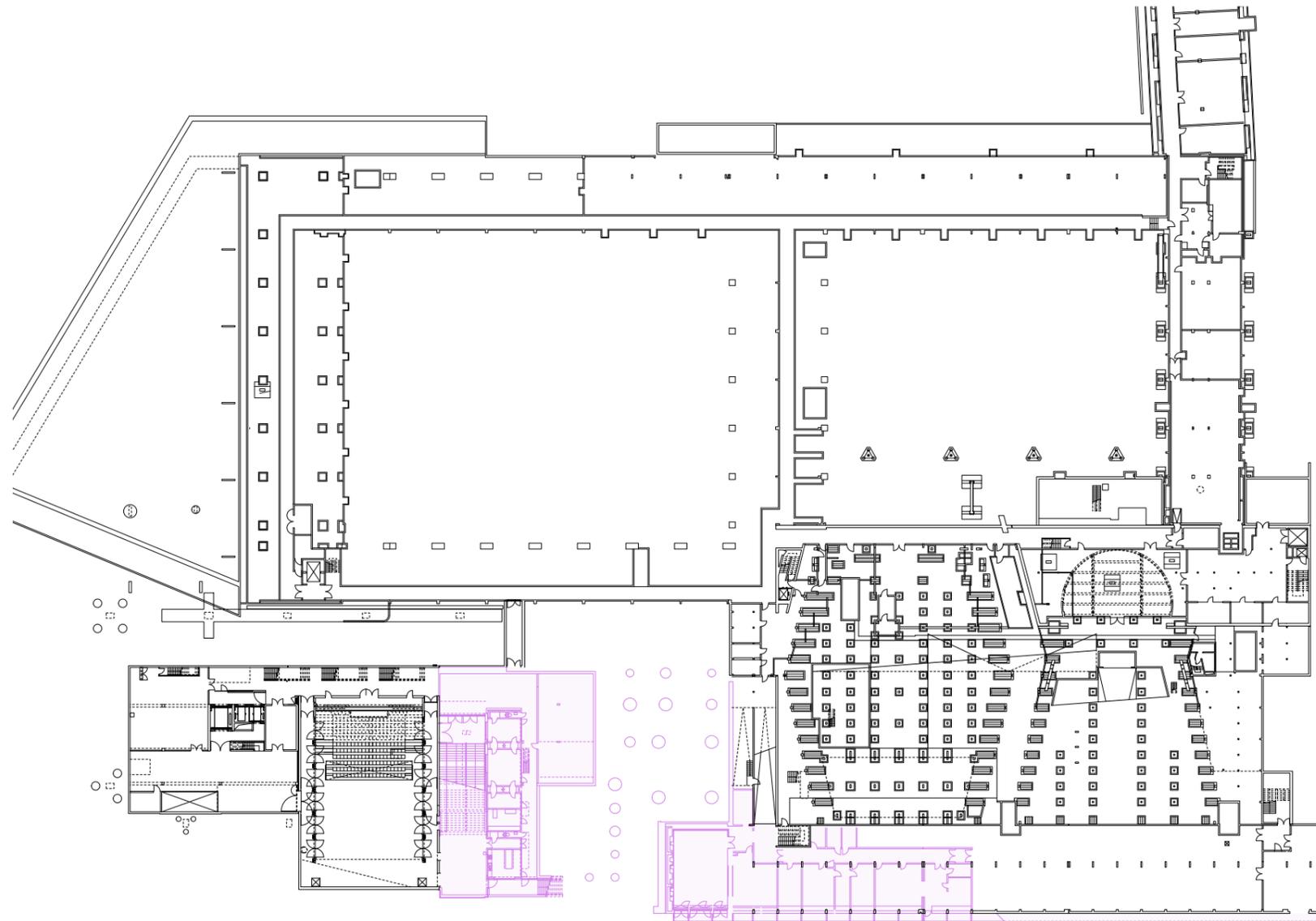
Axonometry with modified circulation

Made by author, 2025



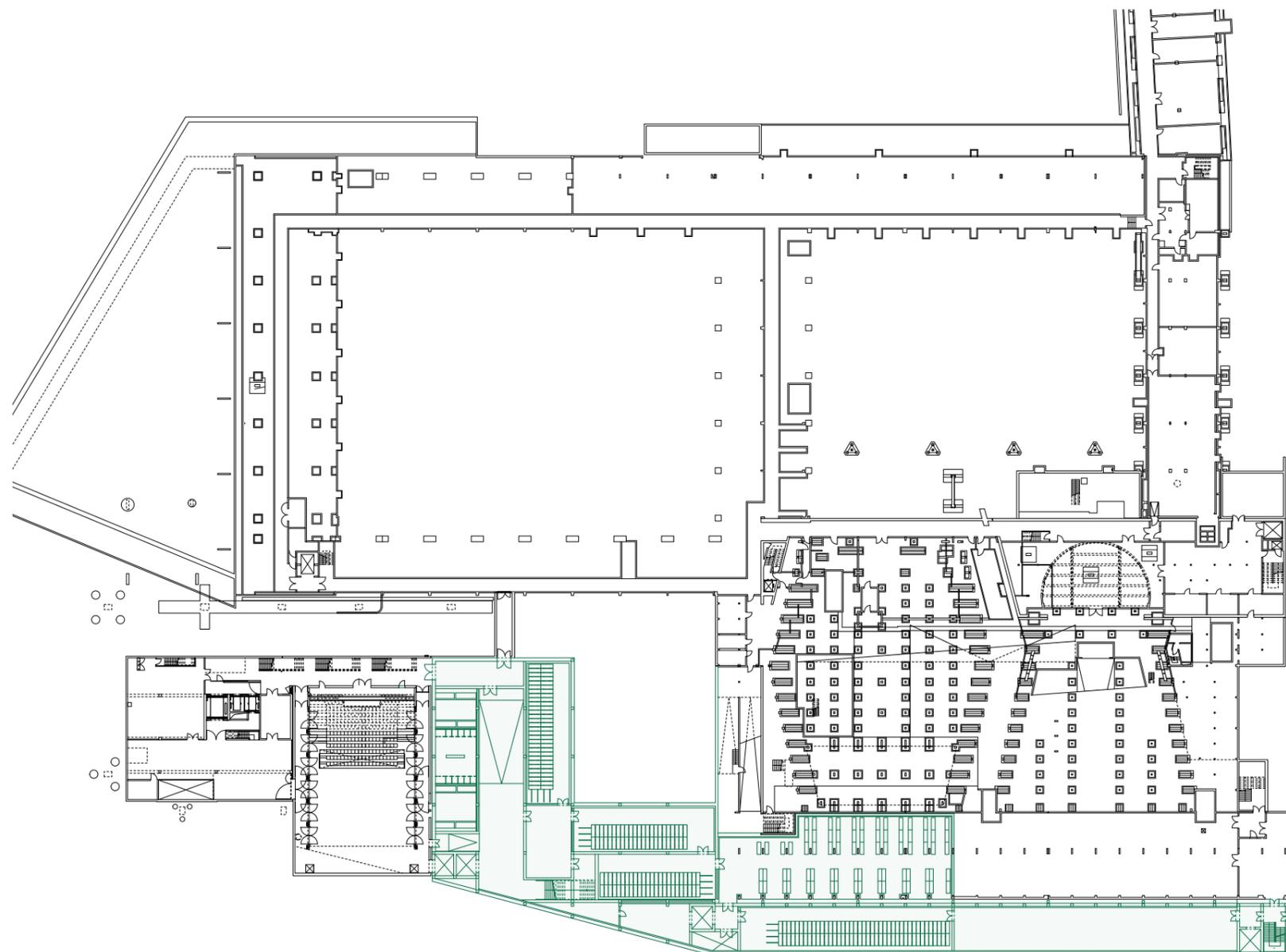
Section

Made by author, 2025



floor -1 demolition

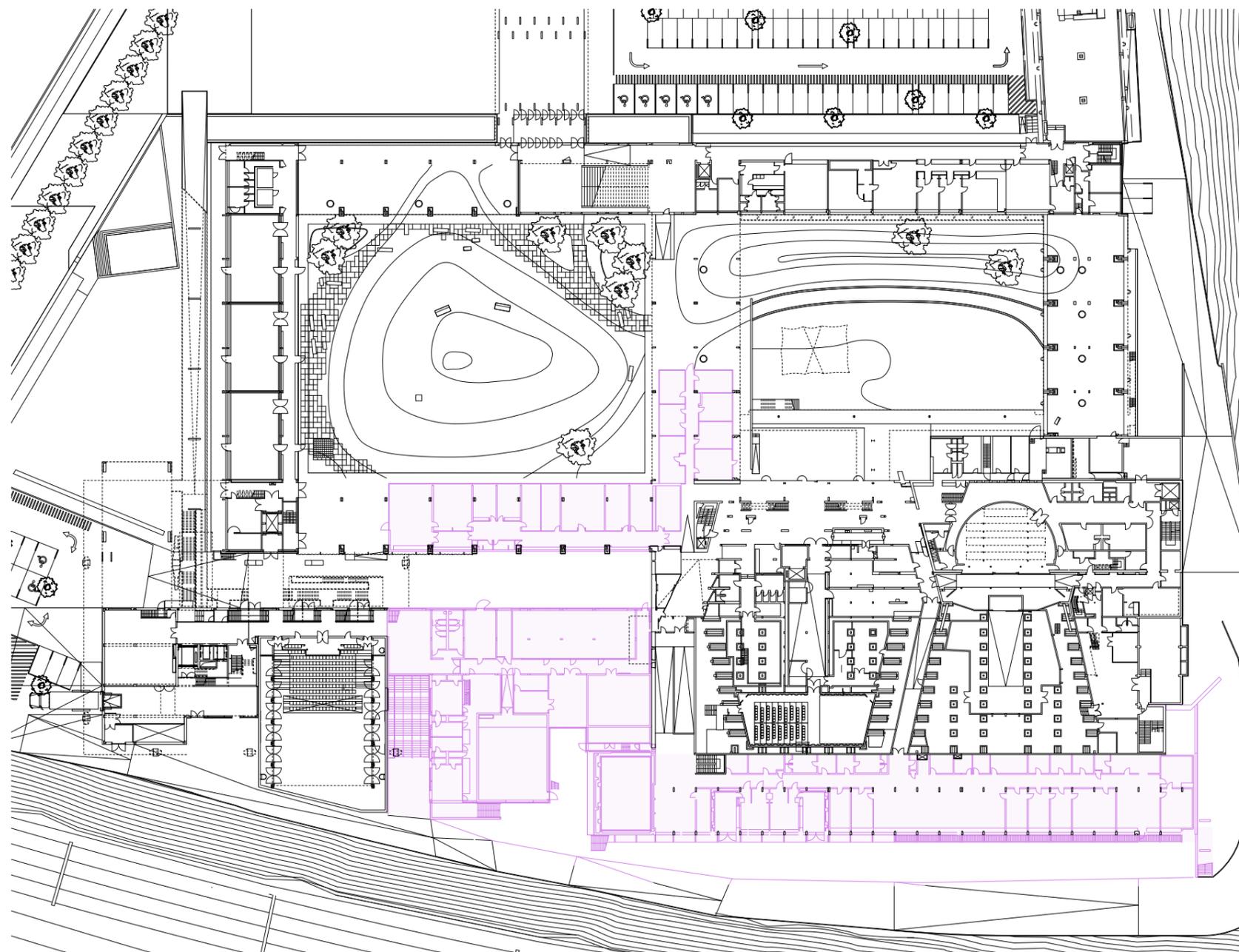
Made by author, 2025



floor -1 addition

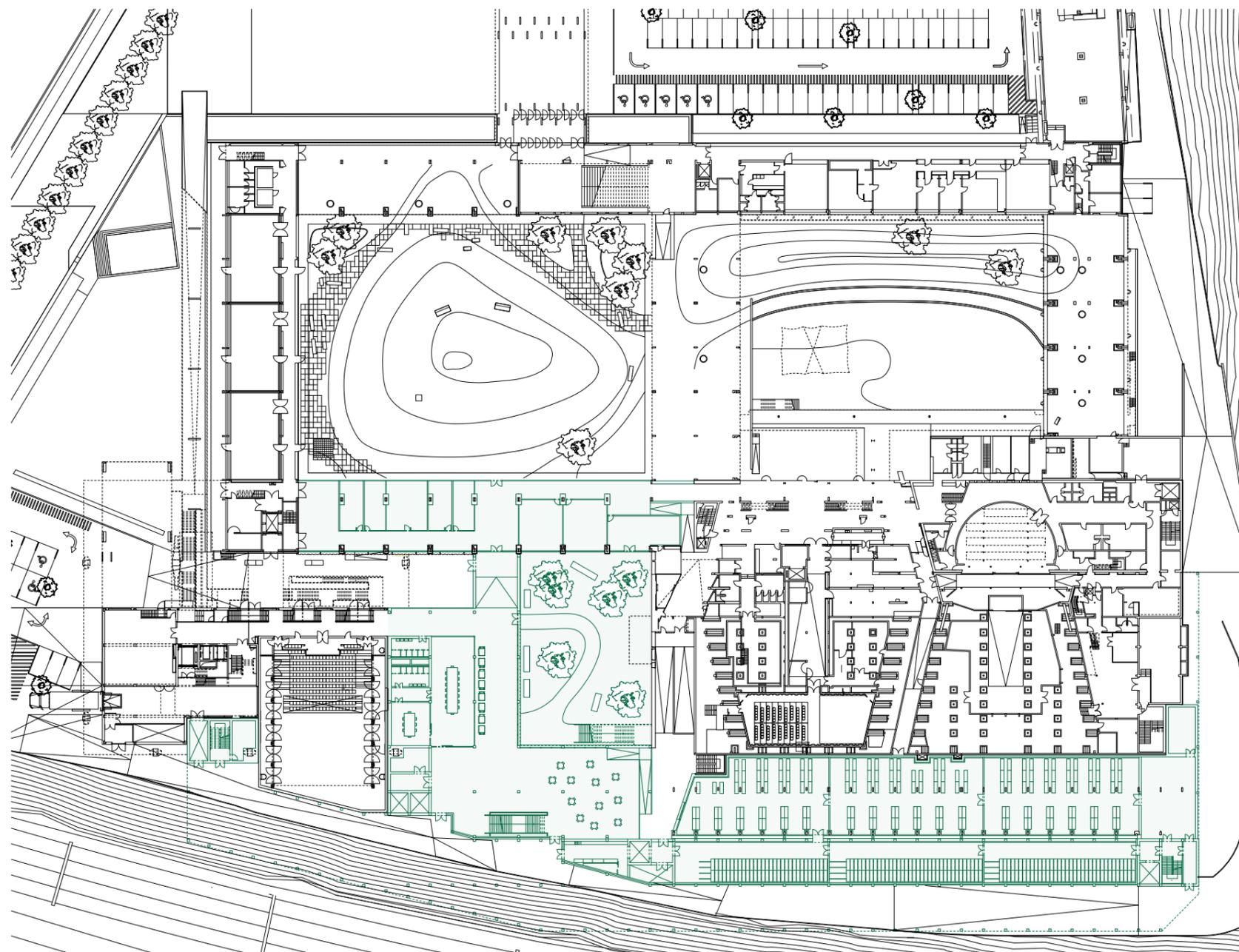
Made by author, 2025





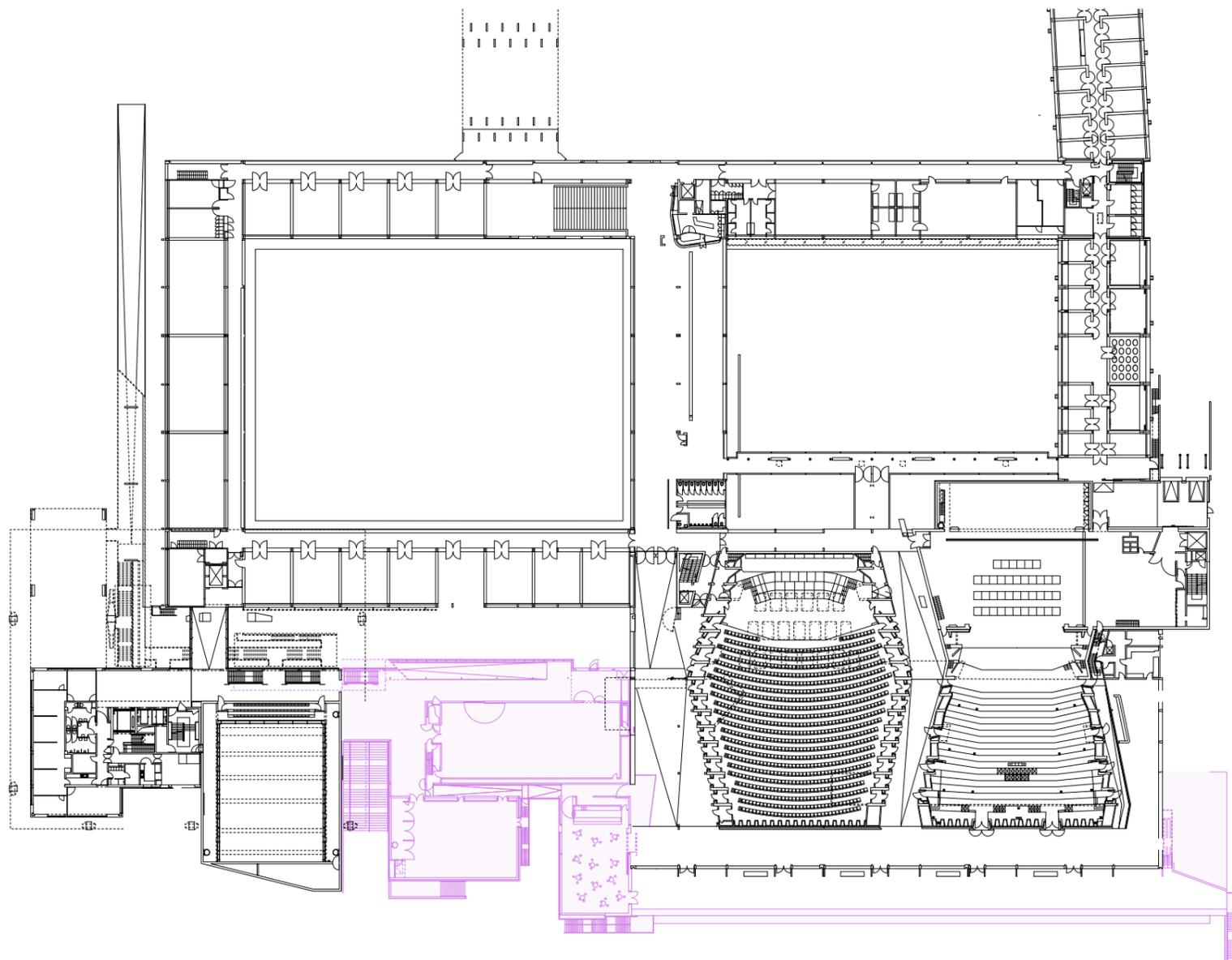
floor 0 demolition

Made by author, 2025



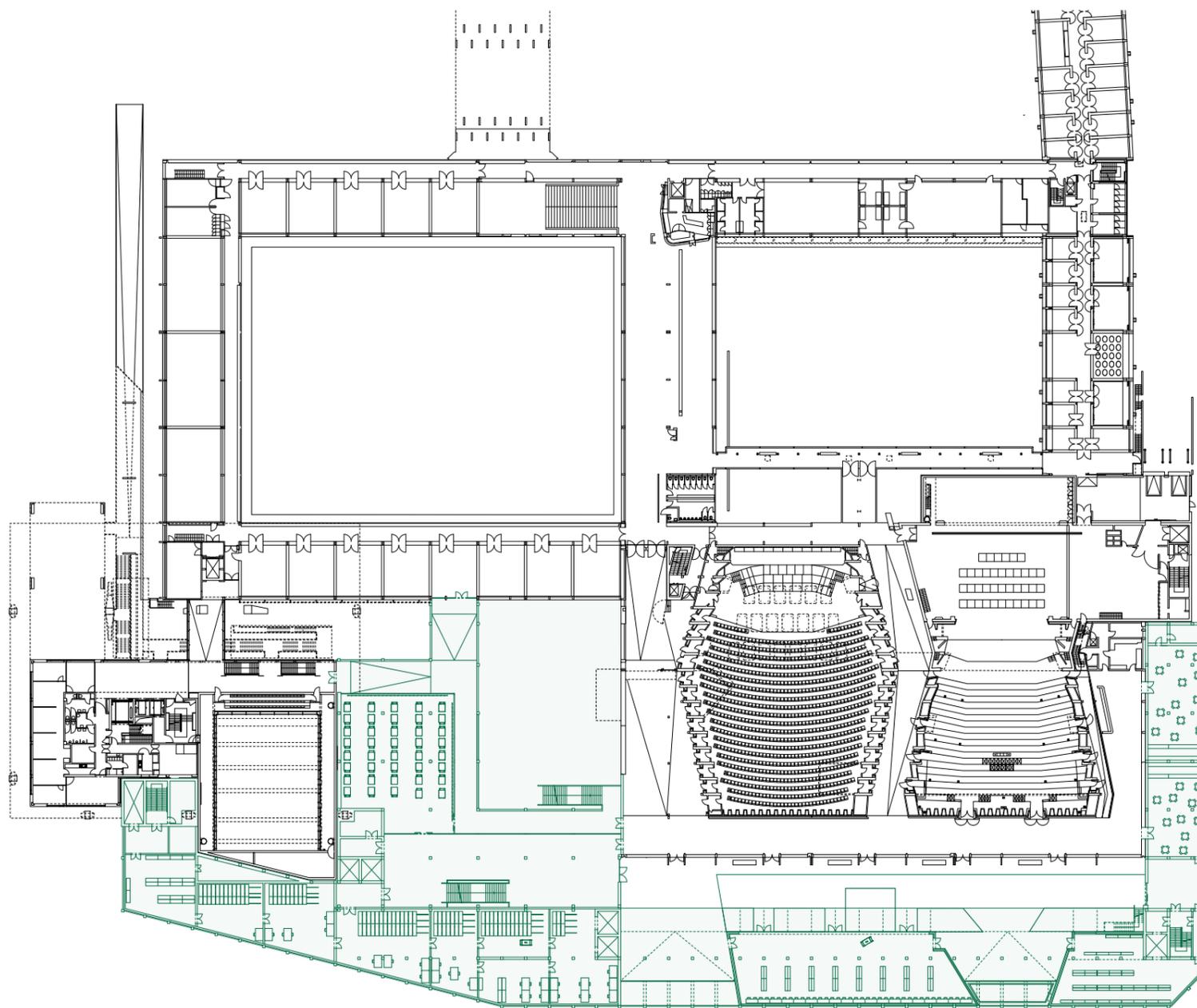
floor 0 addition

Made by author, 2025



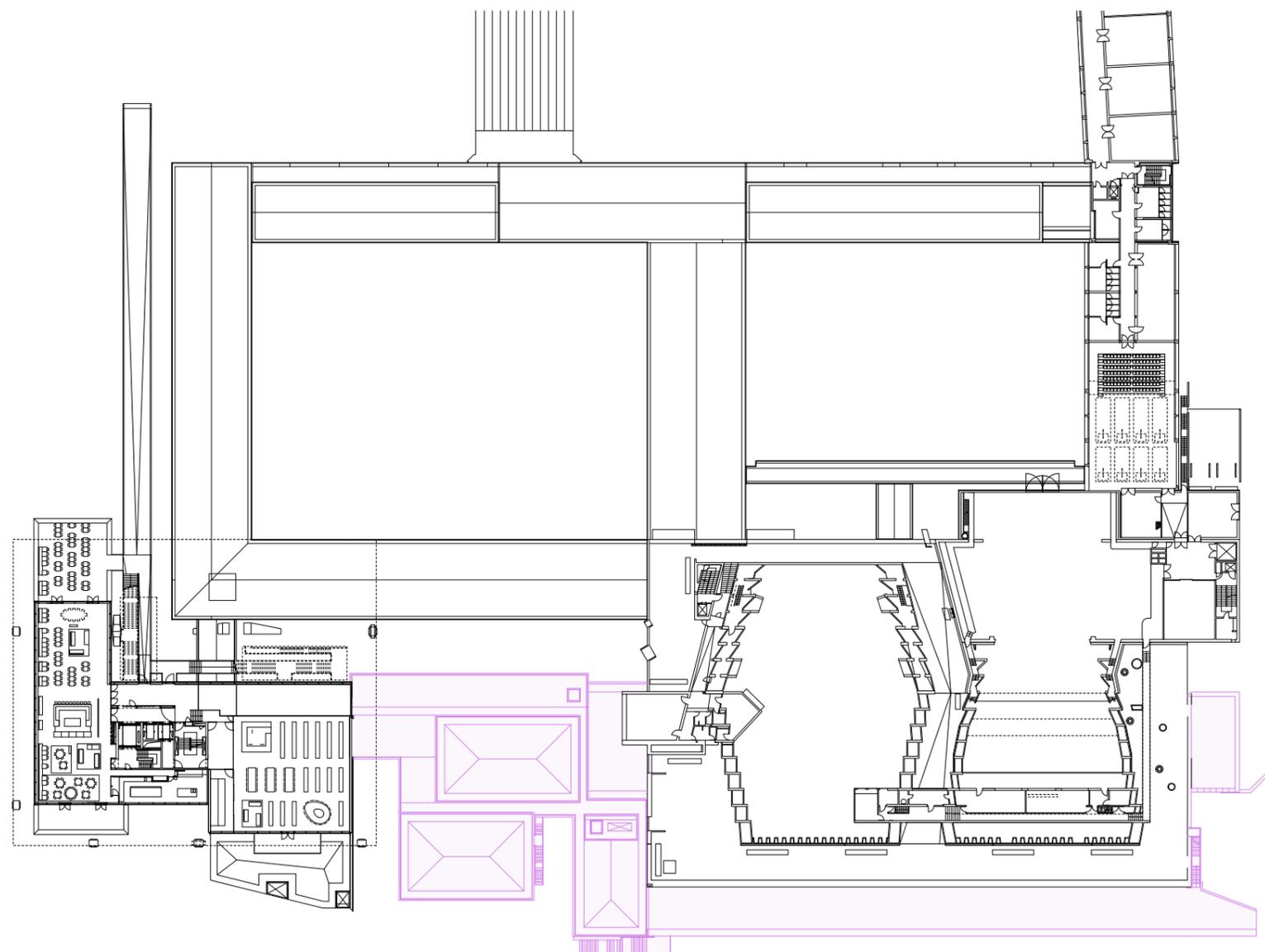
floor 1 demolition

Made by author, 2025



floor 1 addition

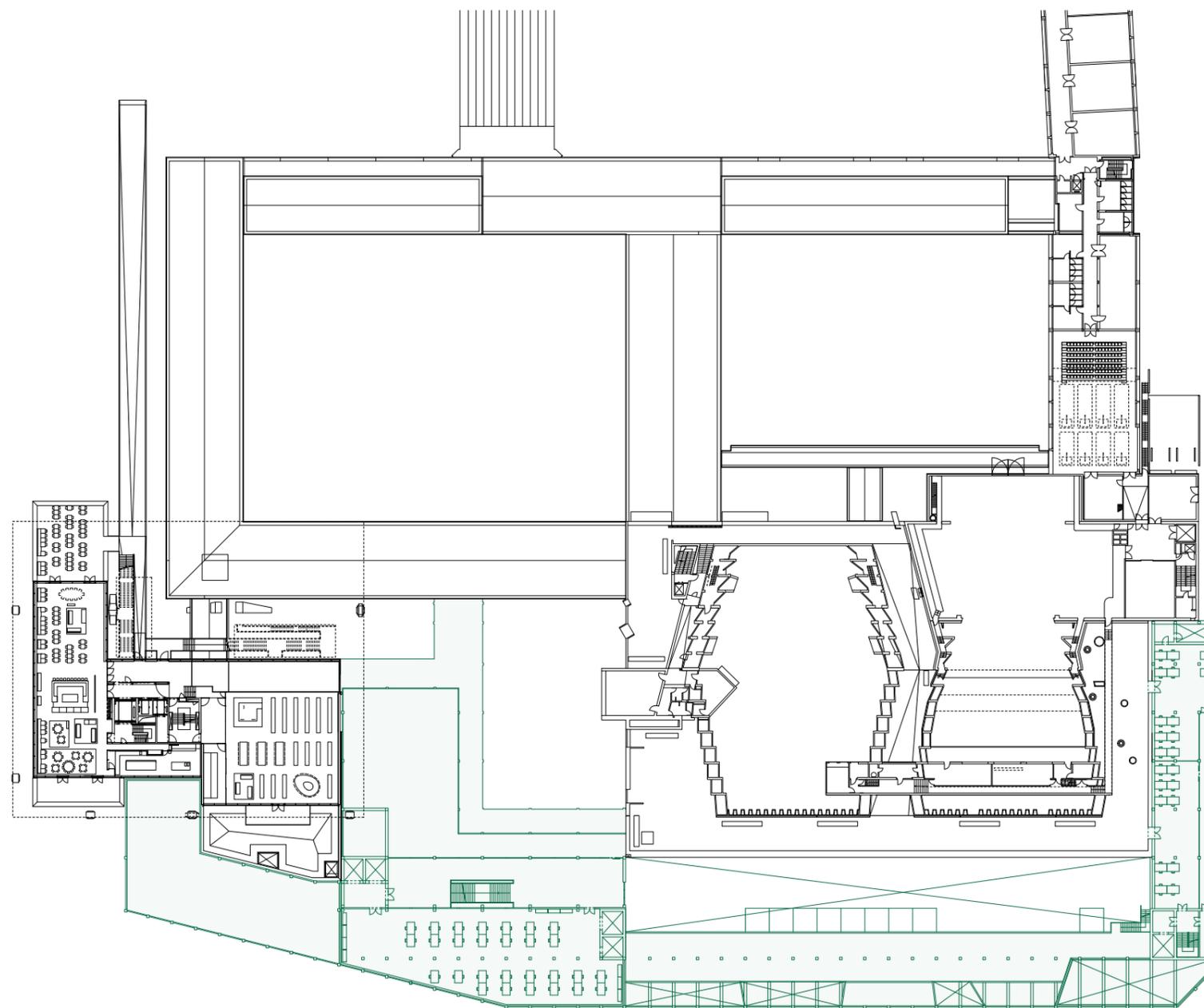
Made by author, 2025



floor 2 demolition

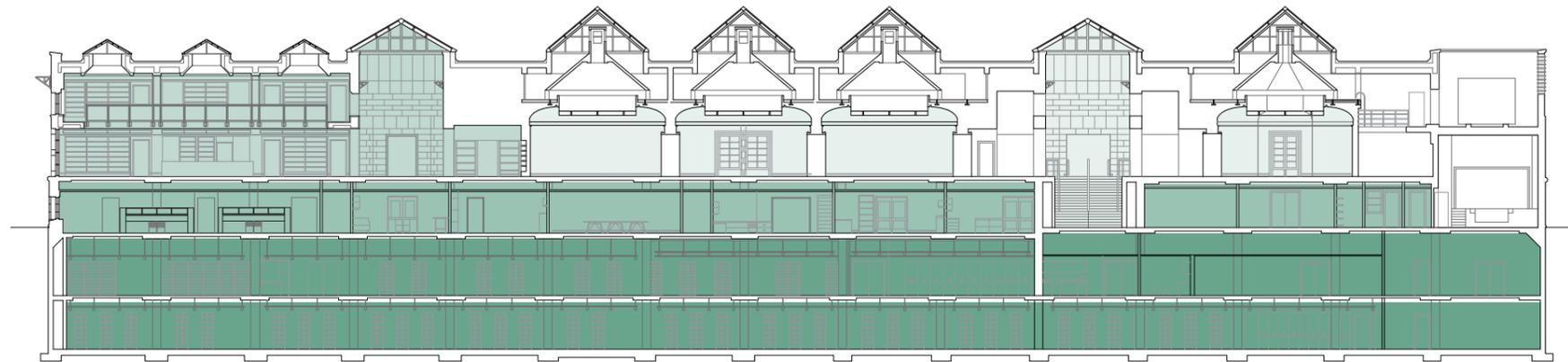
Made by author, 2025





floor 2 addition

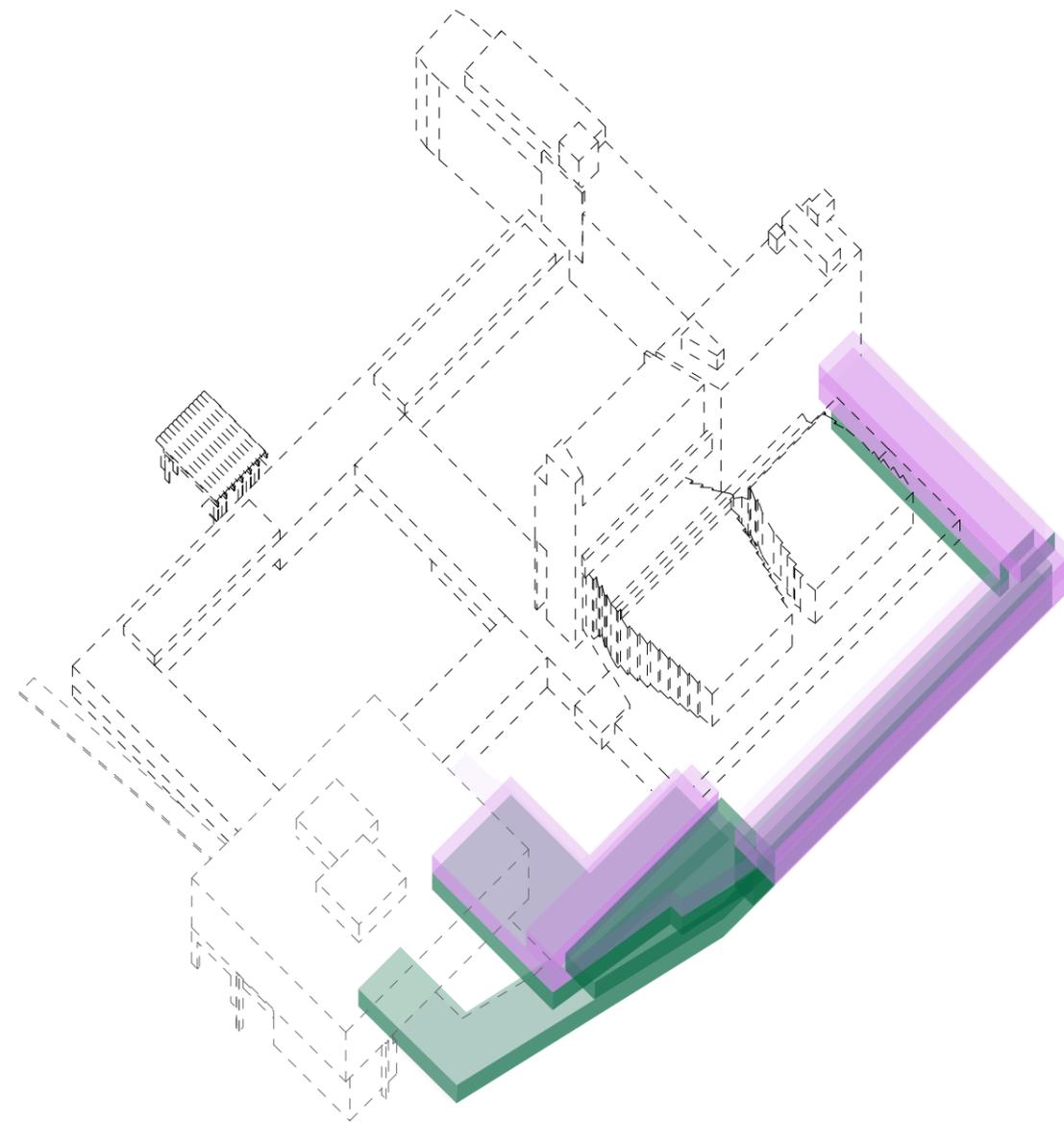
Made by author, 2025



Longitudinal section

Analysis of public / non - public places

redrawing of Peter Rose section of CCA, anlyalsis made by author



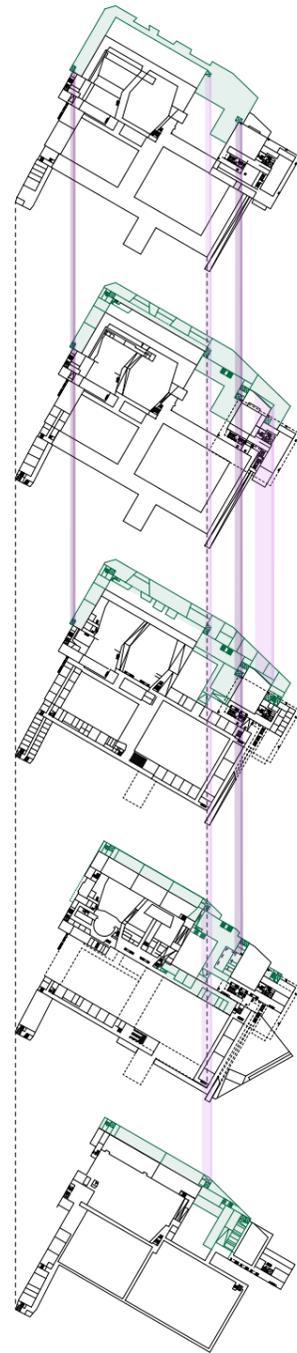
Index :

Public

Non-Public

Analysis of public and non-public spaces in the new building

Made by author, 2025



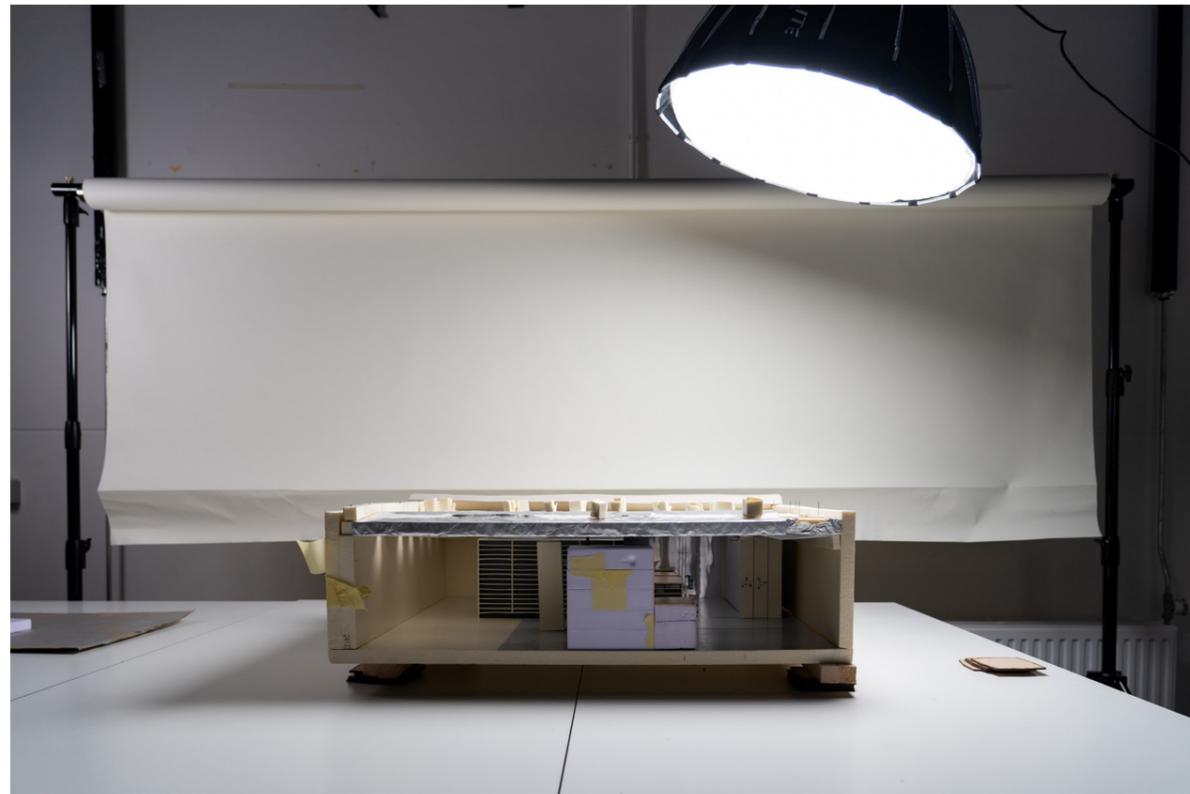
Ventilation shafts

Made by author, 2025

“The archive holds neither status nor power without its architectural dimension, which includes the physical space of the building, its motifs and columns, the arrangement of rooms, the organization of files, the labyrinth of corridors, and the discipline, dim lighting, and austerity that give it the nature of both a temple and a cemetery.”

(Mbembe, 2002)





Model photo from outside

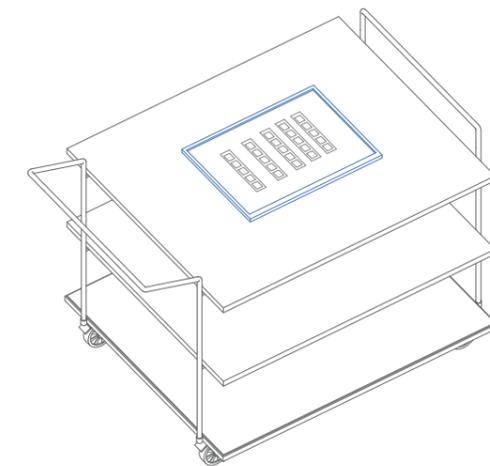
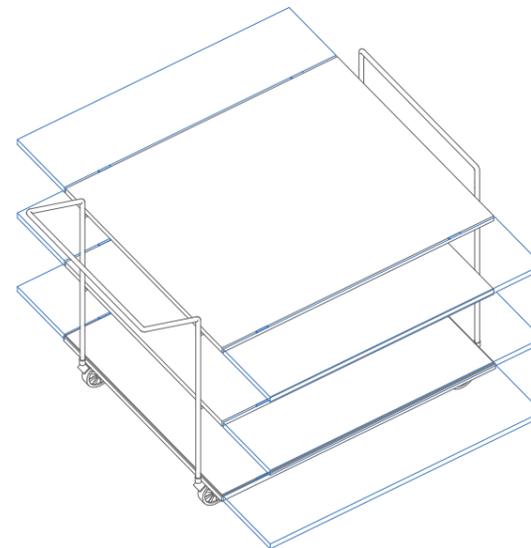
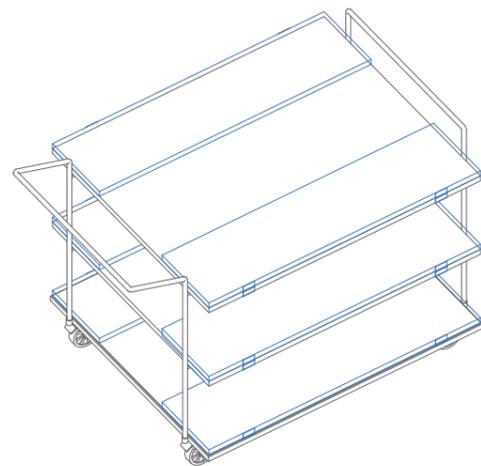
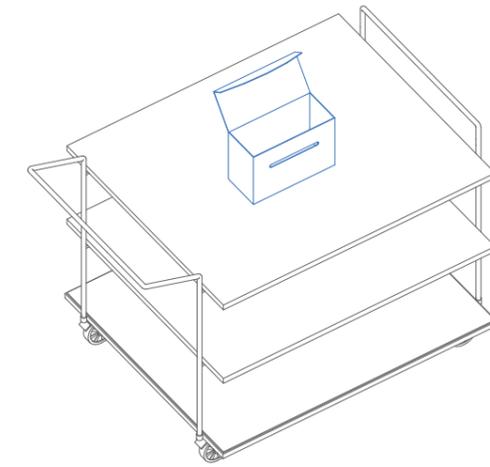
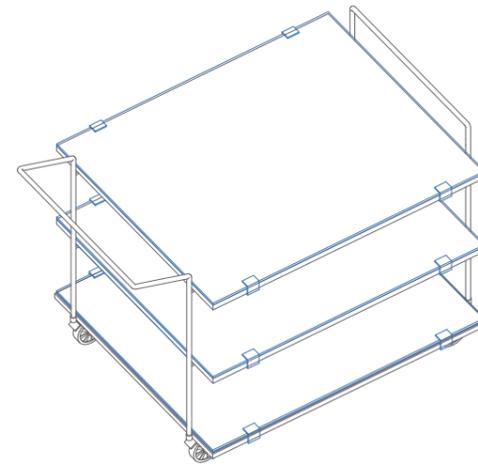
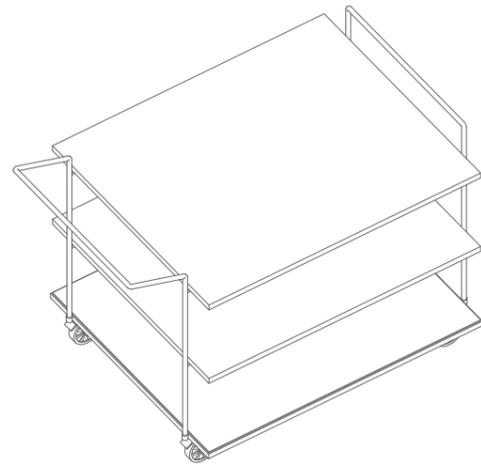


Model photo

Photo Archive

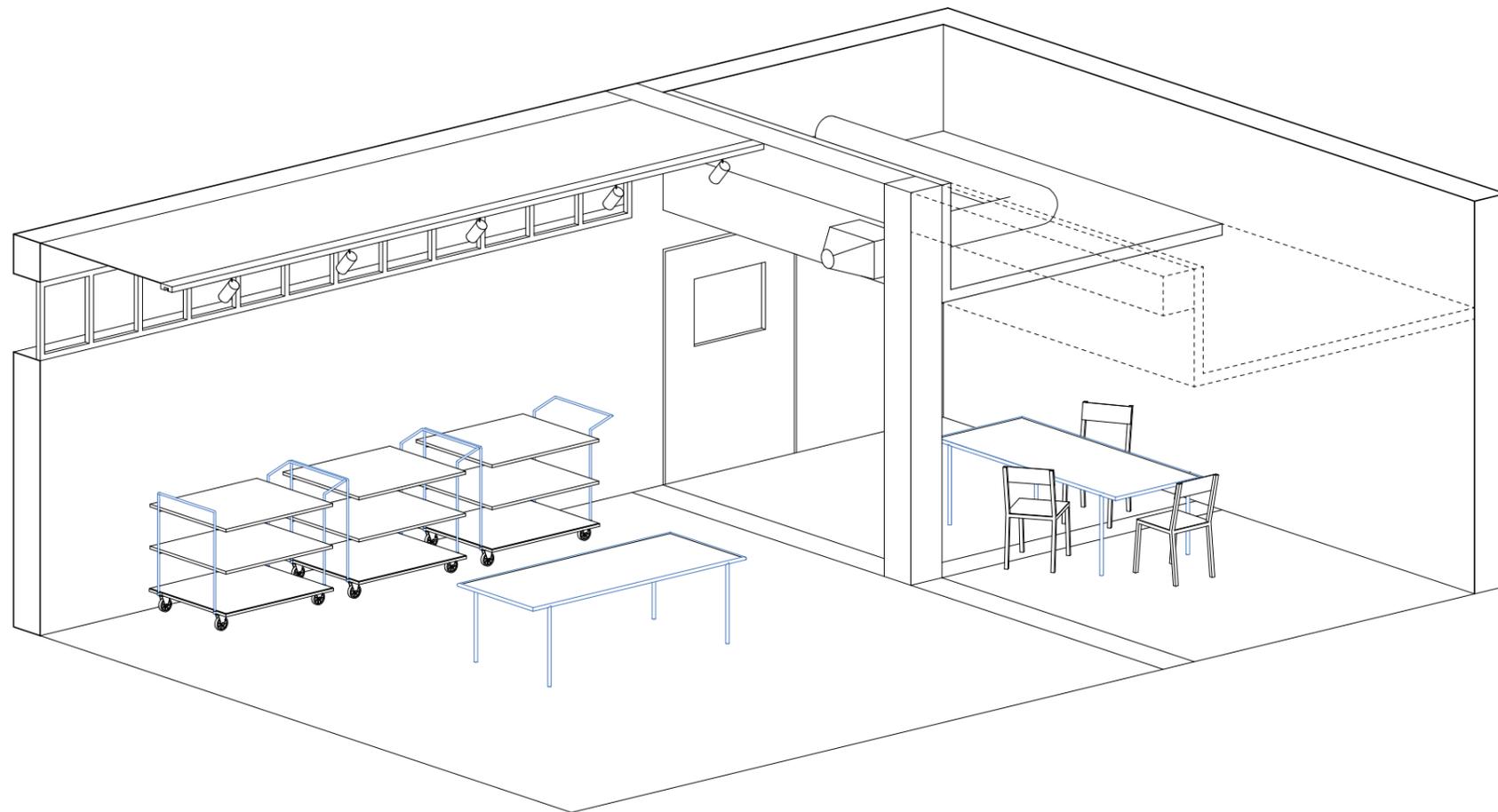
Veronica Danesin, Jenny Fang, Daan Franken and Yunke Li, remake of Gabor Szilasi, photo of Canadian Centre for Architecture Photographic Archive of 1899, 2024

An Archive



Reframing the edge

Trolleys and added elements
Made by author, trolleys as exhibition pieces, 2024

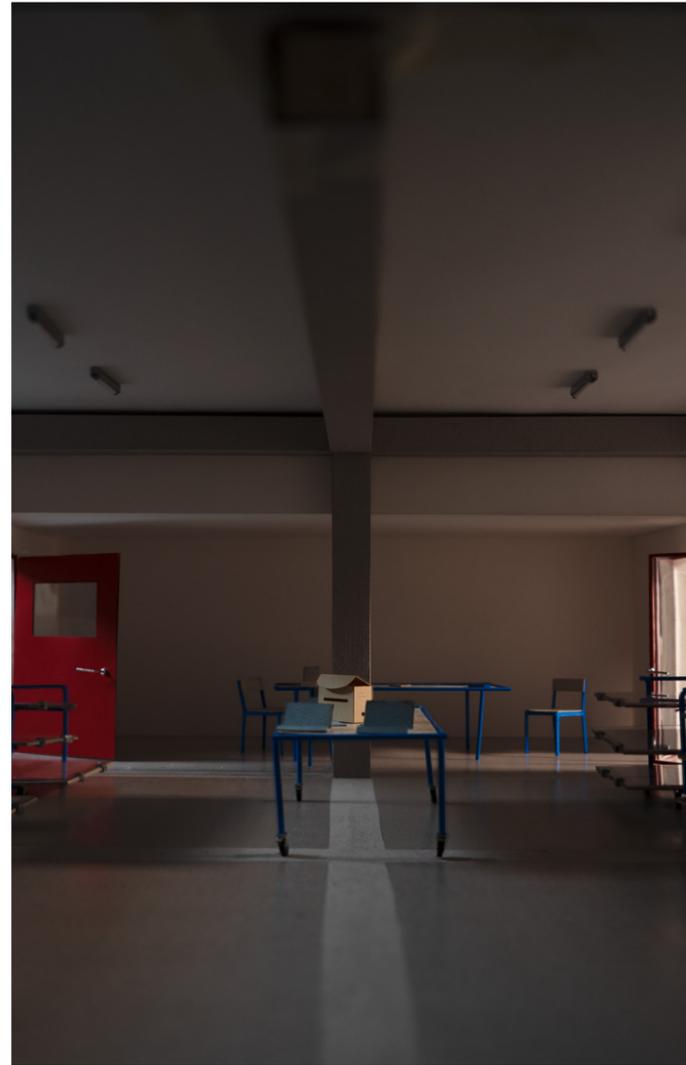


Axonometry of the unknown architect's room

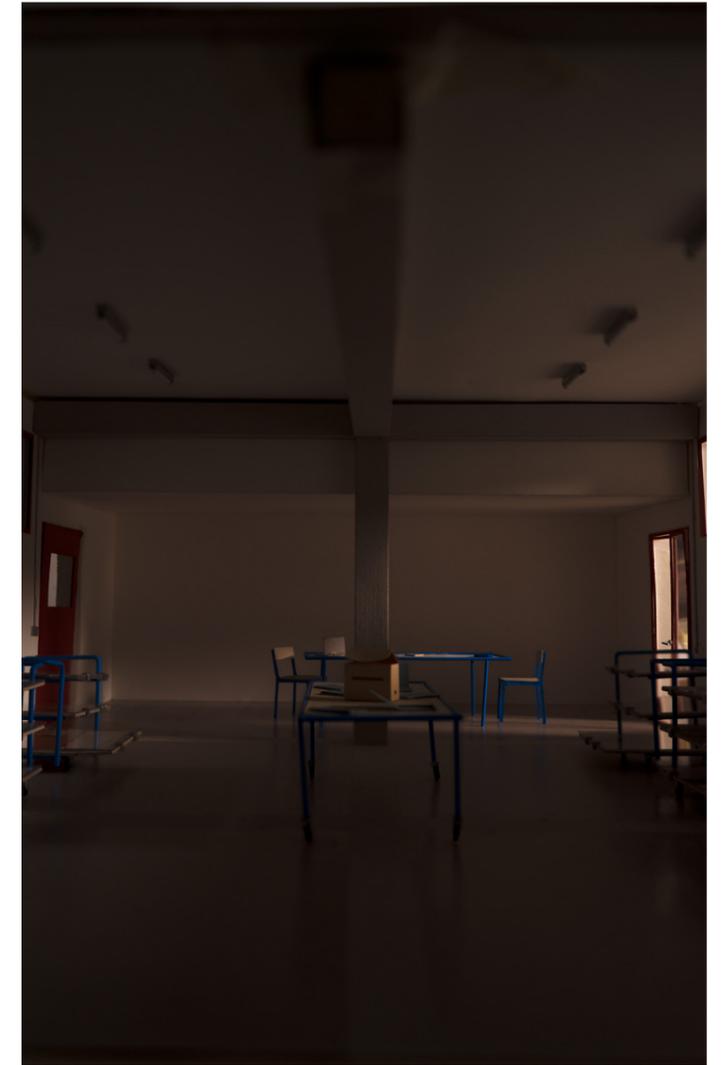
Made by author, 2024



Artificial light



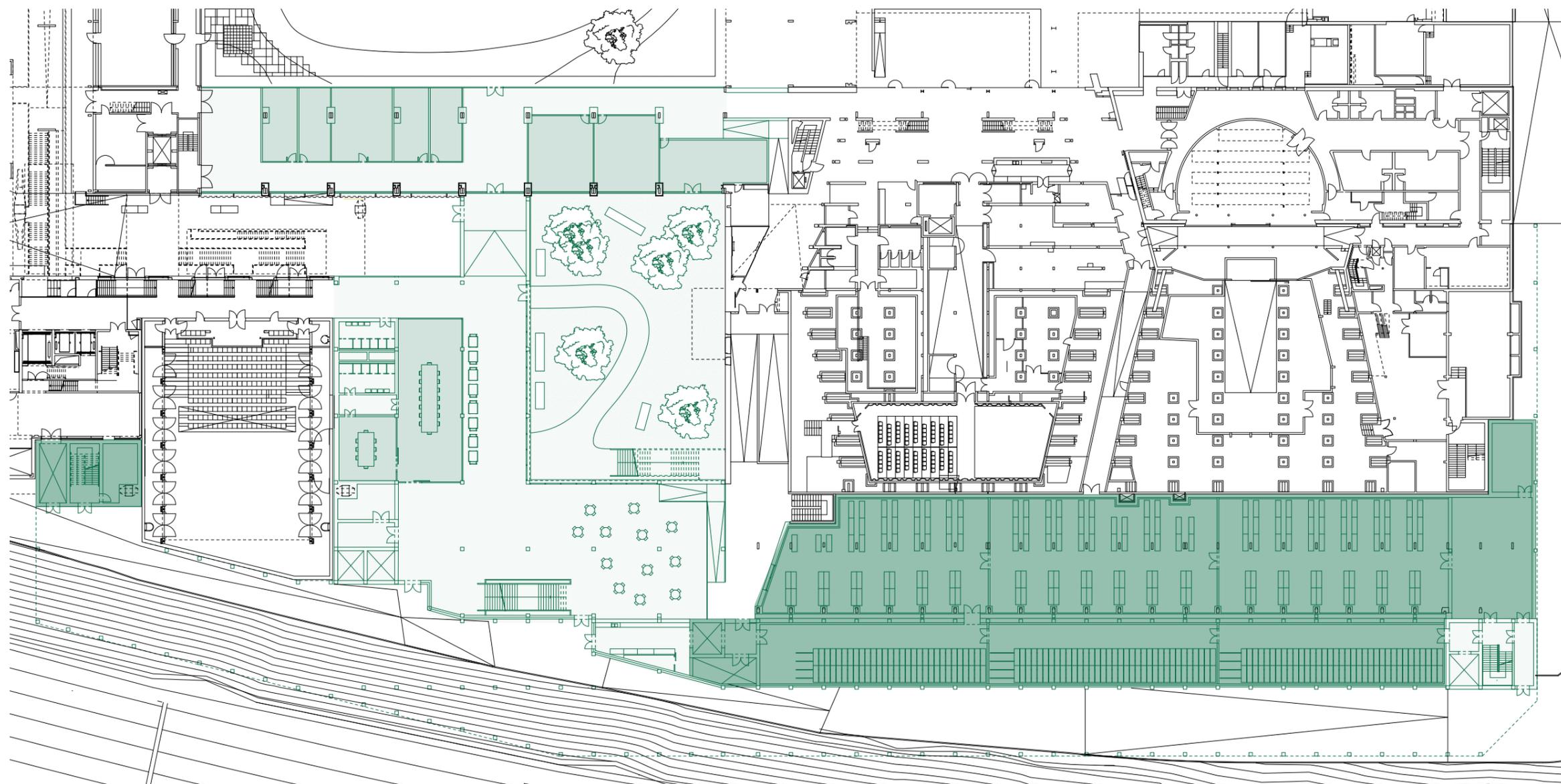
Artificial and natural light



Natural light

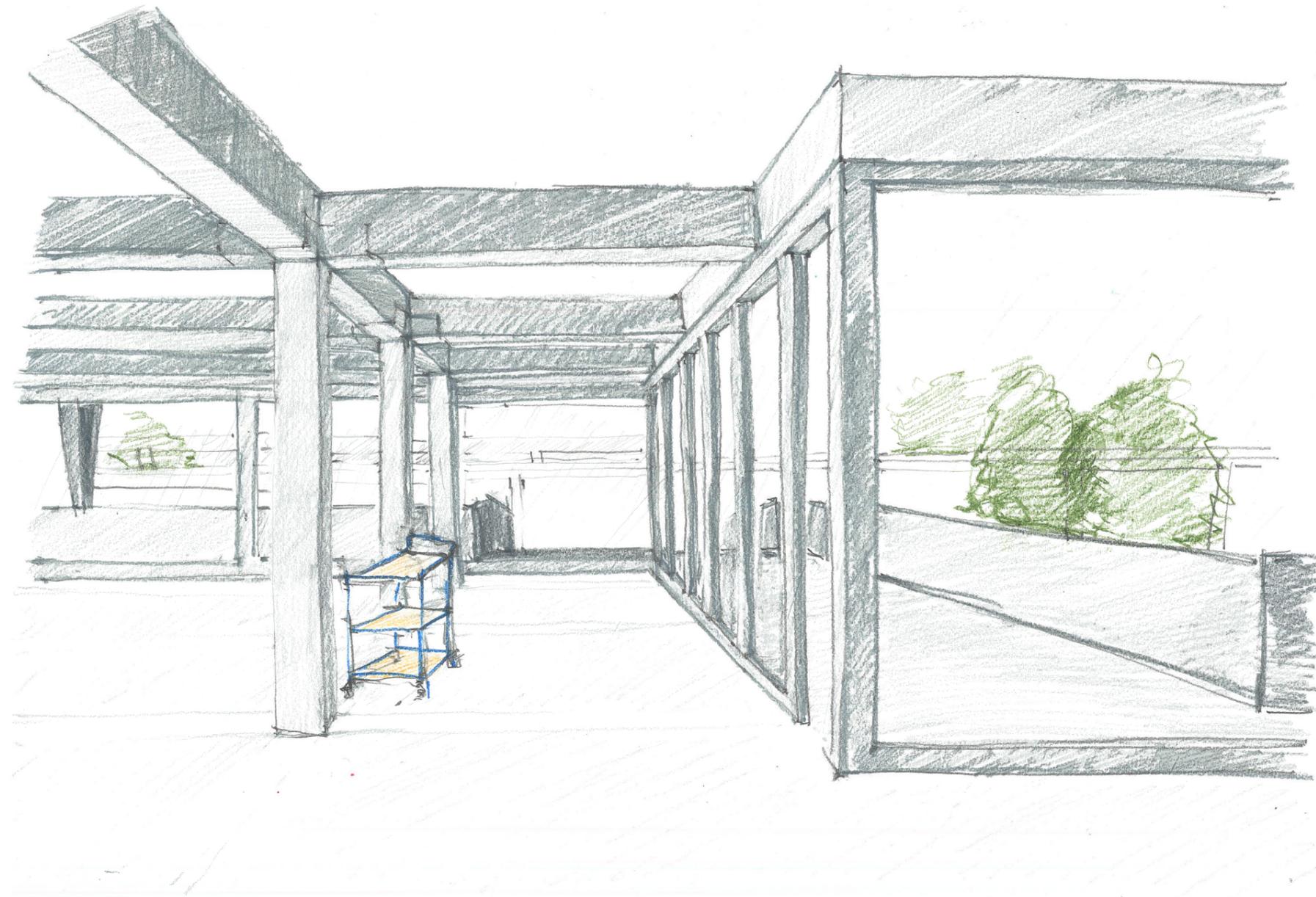
Unknown Architects Room

Made by author, 2024



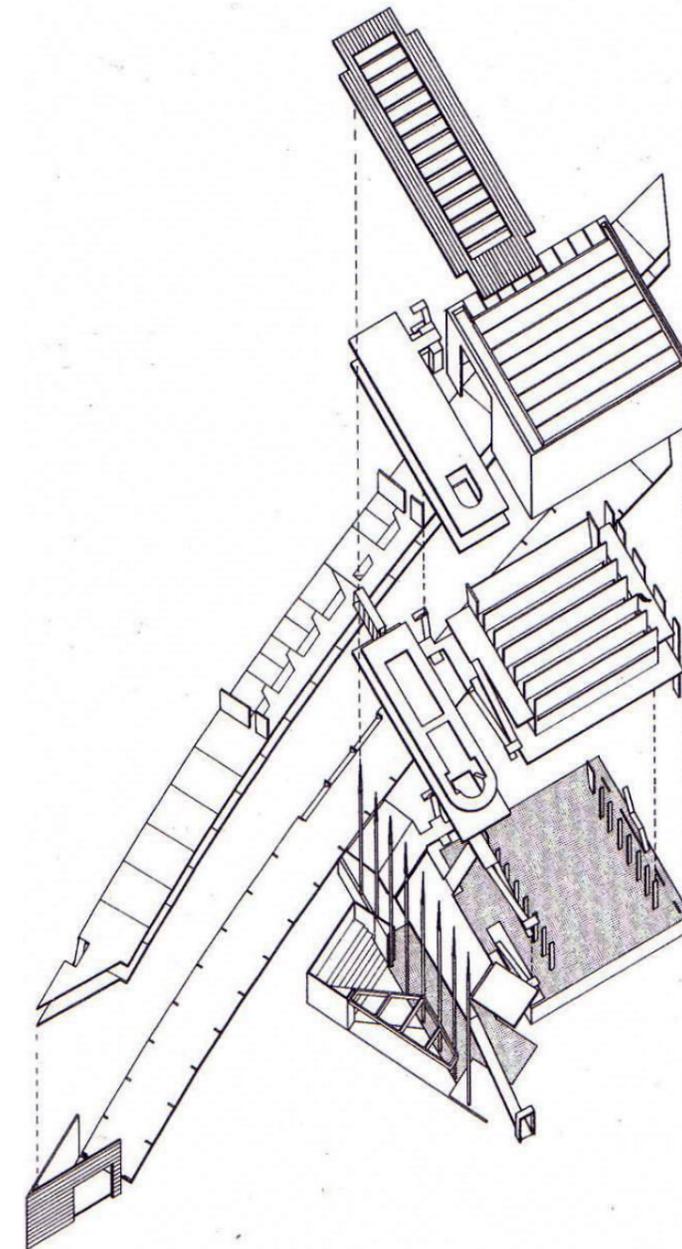
Groundfloor transition between public and non-public

Made by author, 2025



View of the exhibition room

Made by author, 2025



NAi, Rotterdam

Google Satellite, 2024
Archsociety, exploded axonometry of NAI, 2007

A Wall

A mass

Brialmont rampant



1860's Antwerp city Rampant de Wilryck

Felixarchief, Vestingen: tussen Wilrijkse en Edegemse poort, Antwerpen niet gedateerd, folder GP#491, Unknown date (around 1850 - 1900)

A mass

Added mass



DeSingel model with additional mass of the building

DeSingel and site model made by MSc3/4 students, addition made by author, 2025

A mass

Added mass



Google Satellite photo, 2024

A mass

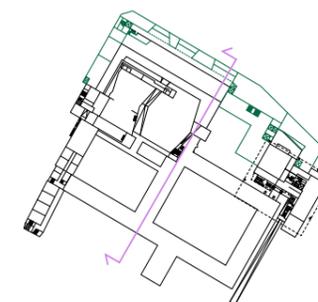
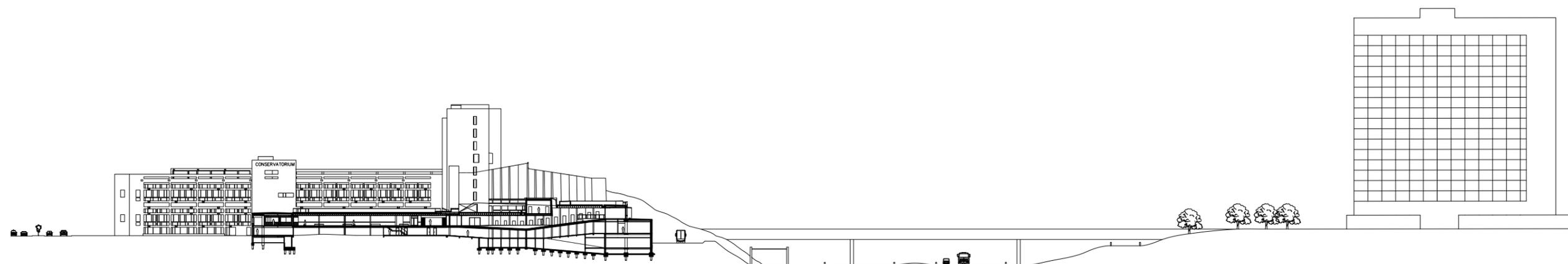
Added volume on existing building



Google Satellite photo with author addition, 2024

A mass

The existing edge terraces

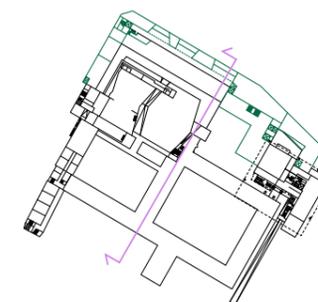
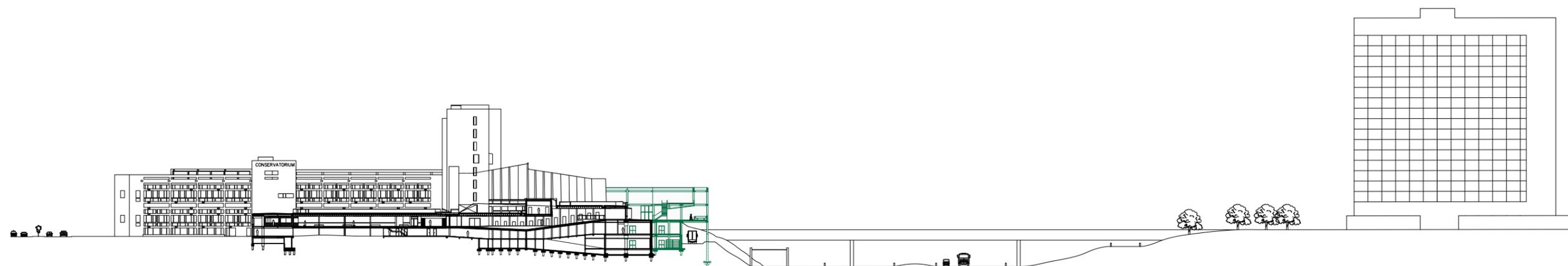


Section of the the building

Made by author, 2025

A mass

The new edge terraces



Section of the the building with addition

Made by author, 2025

As an element

Stynen's facade



DeSingel south facade

taken by author, 2025

As an element



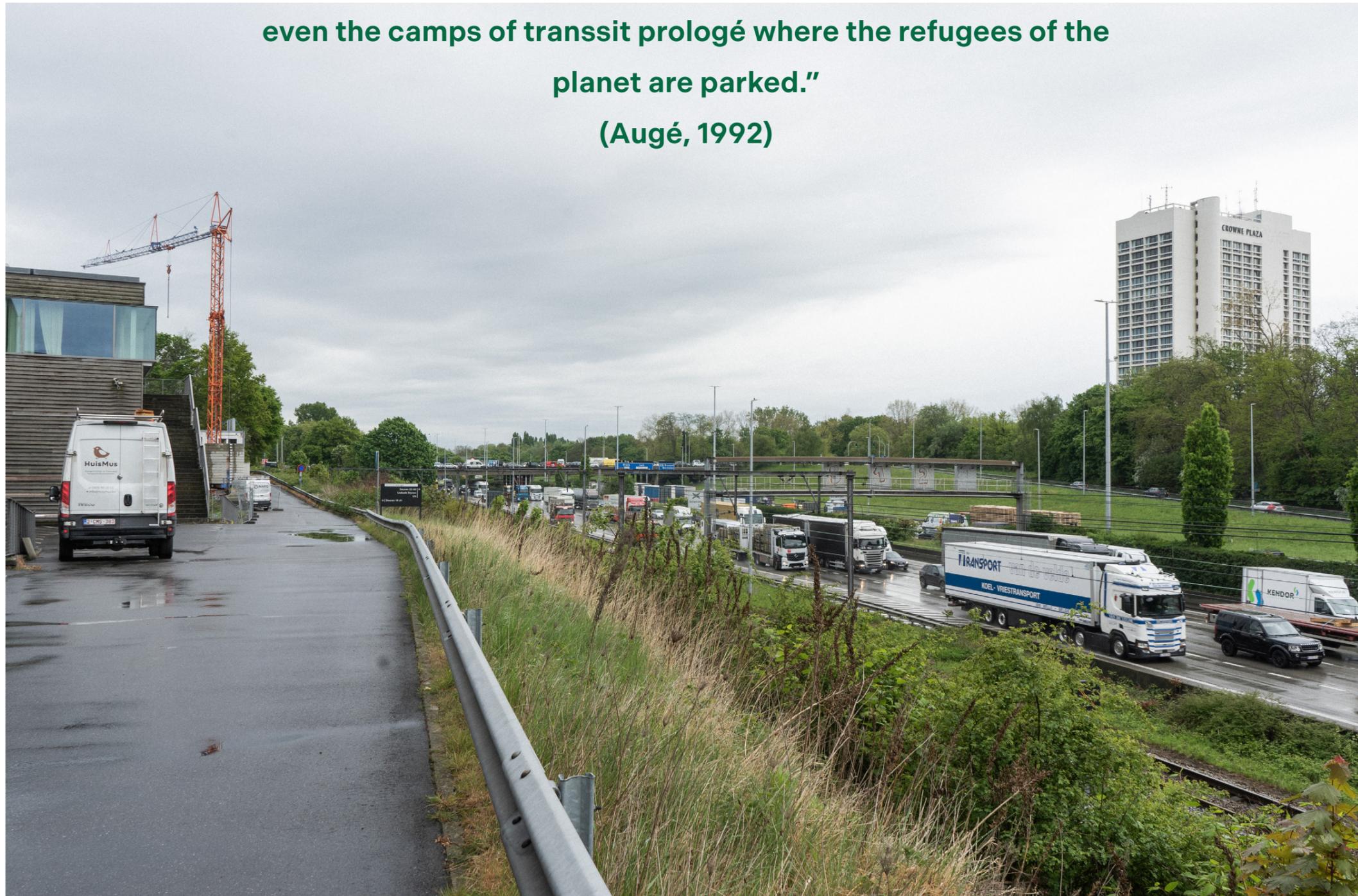
Stynen's facade



DeSingel south facade and view

taken by author, 2025

**“The non-places, these are as much the installations necessary for the accelerated circulation of people and goods (expressways, interchanges, airports) as the means of transport themselves or the large commercial centers, or even the camps of transit prologé where the refugees of the planet are parked.”
(Augé, 1992)**



As an element

A tunnel

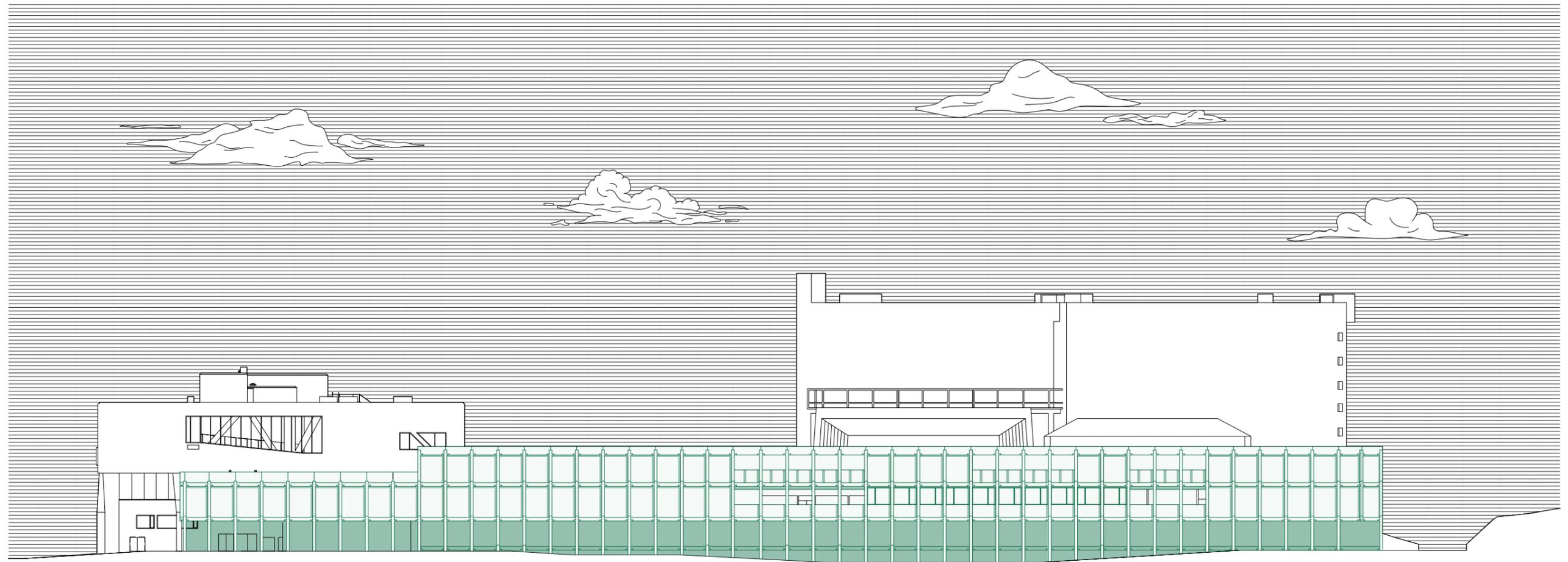


Sequence fo columns in swiss mountains tunnels

Vasil Krastev . 'St Gotthard Pass'. Vaskion.com, 2016

As an element

A new facade

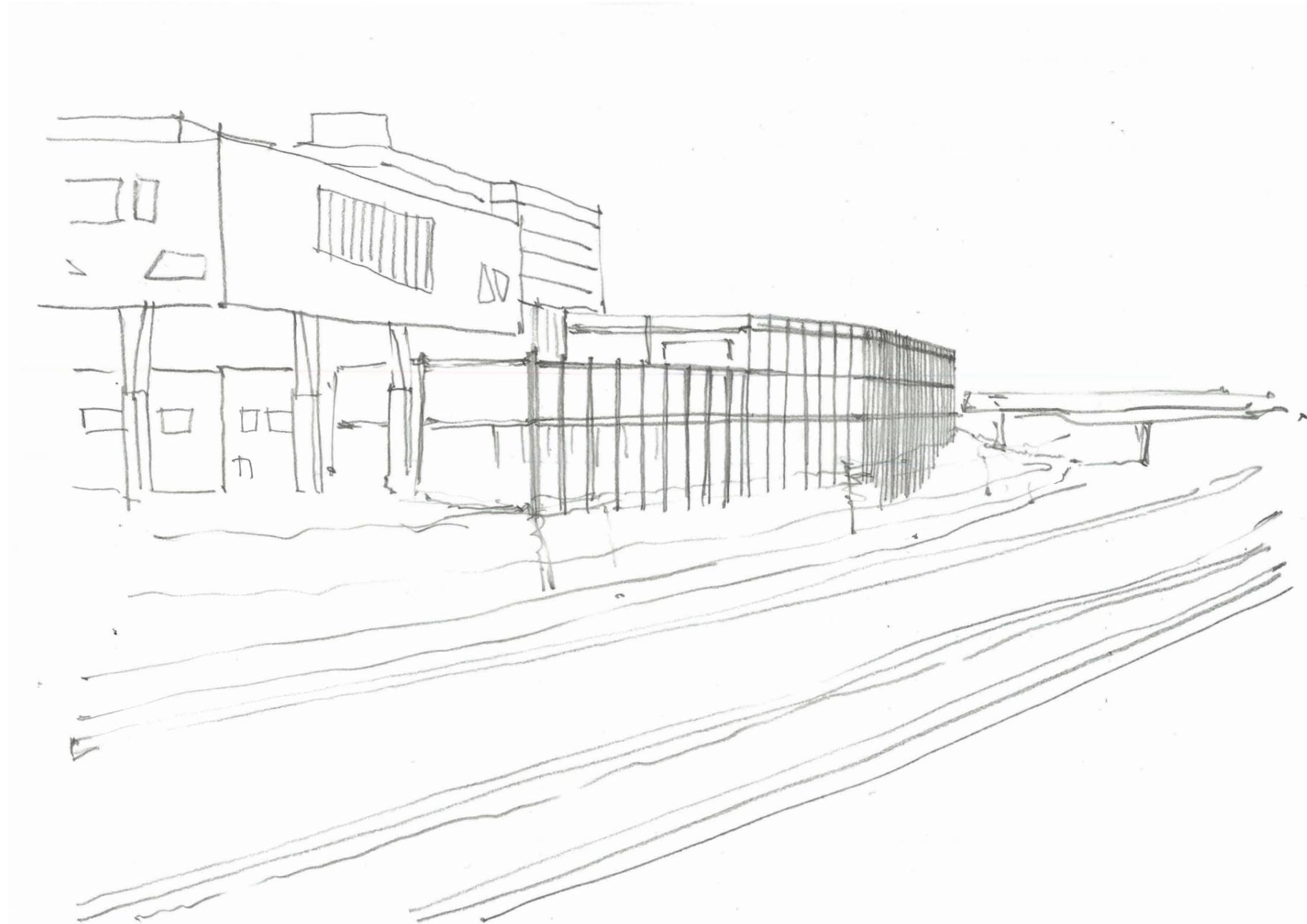


elevation on the highway

Made by author, 2025

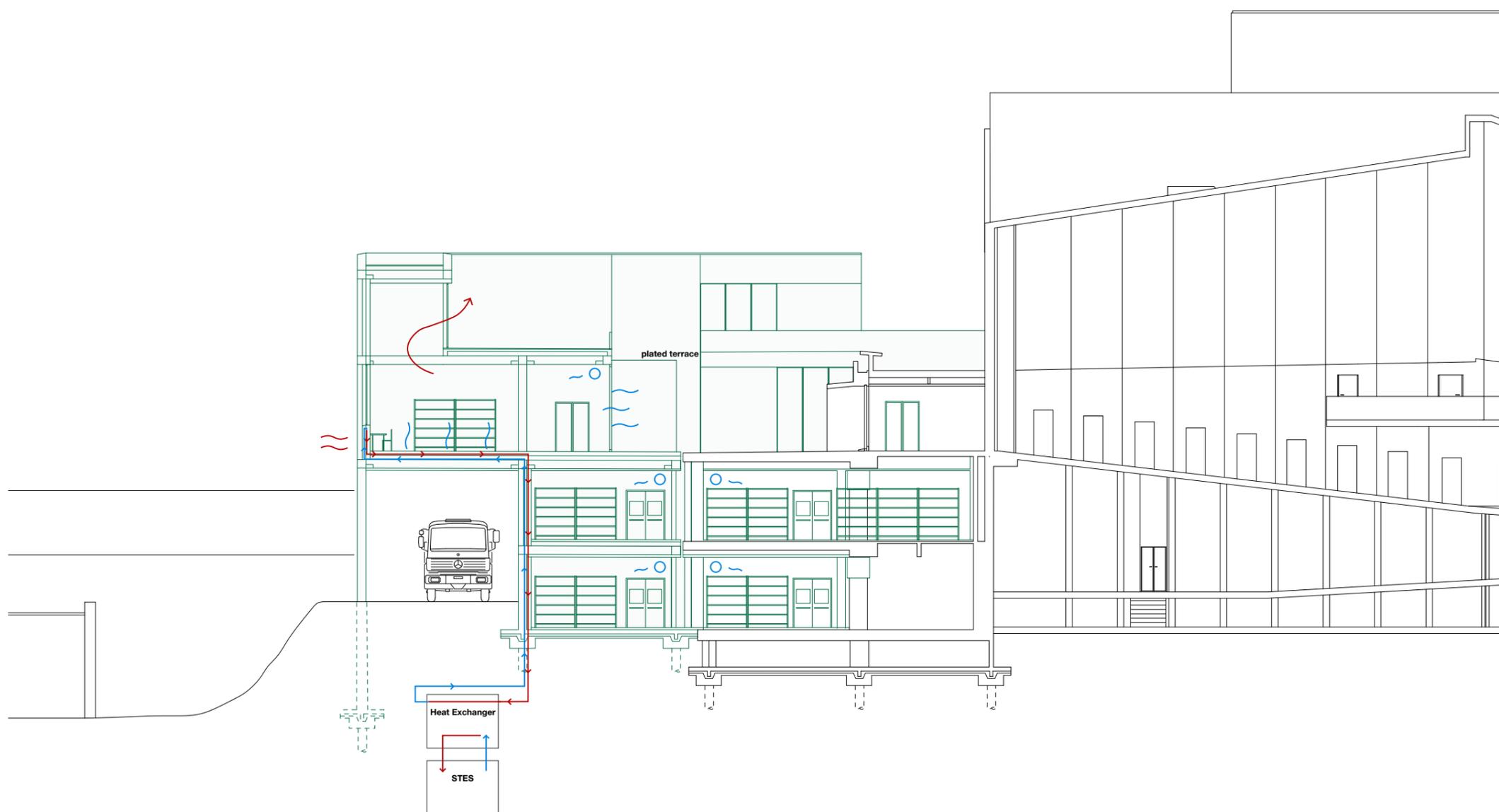
As an element

A new facade



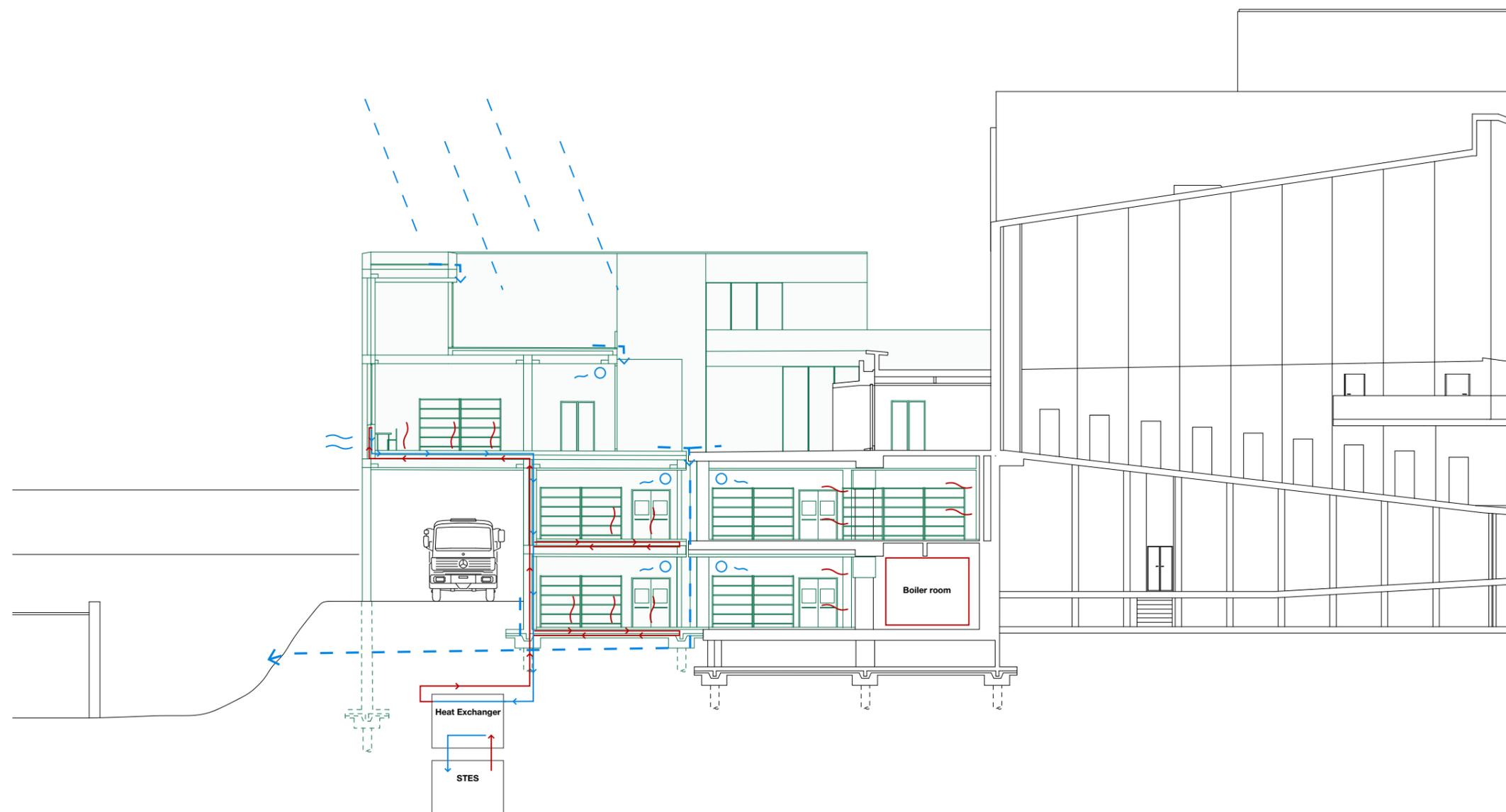
view of the building from the Highway E34

Made by author, 2025



Summer climate diagram

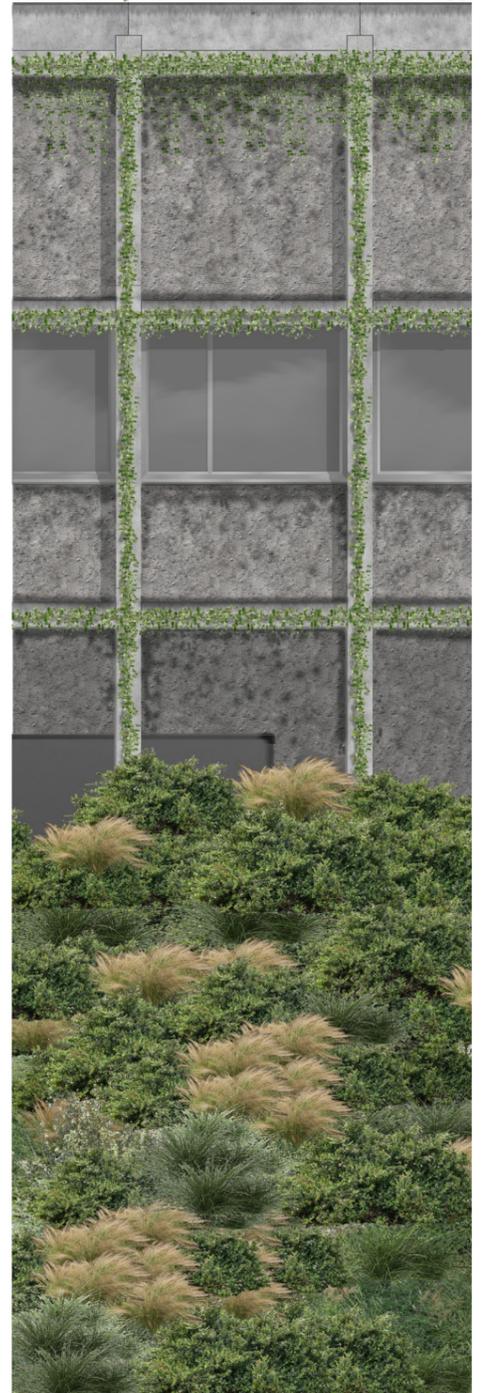
Made by author, 2025



Winter climate diagram

Made by author, 2025

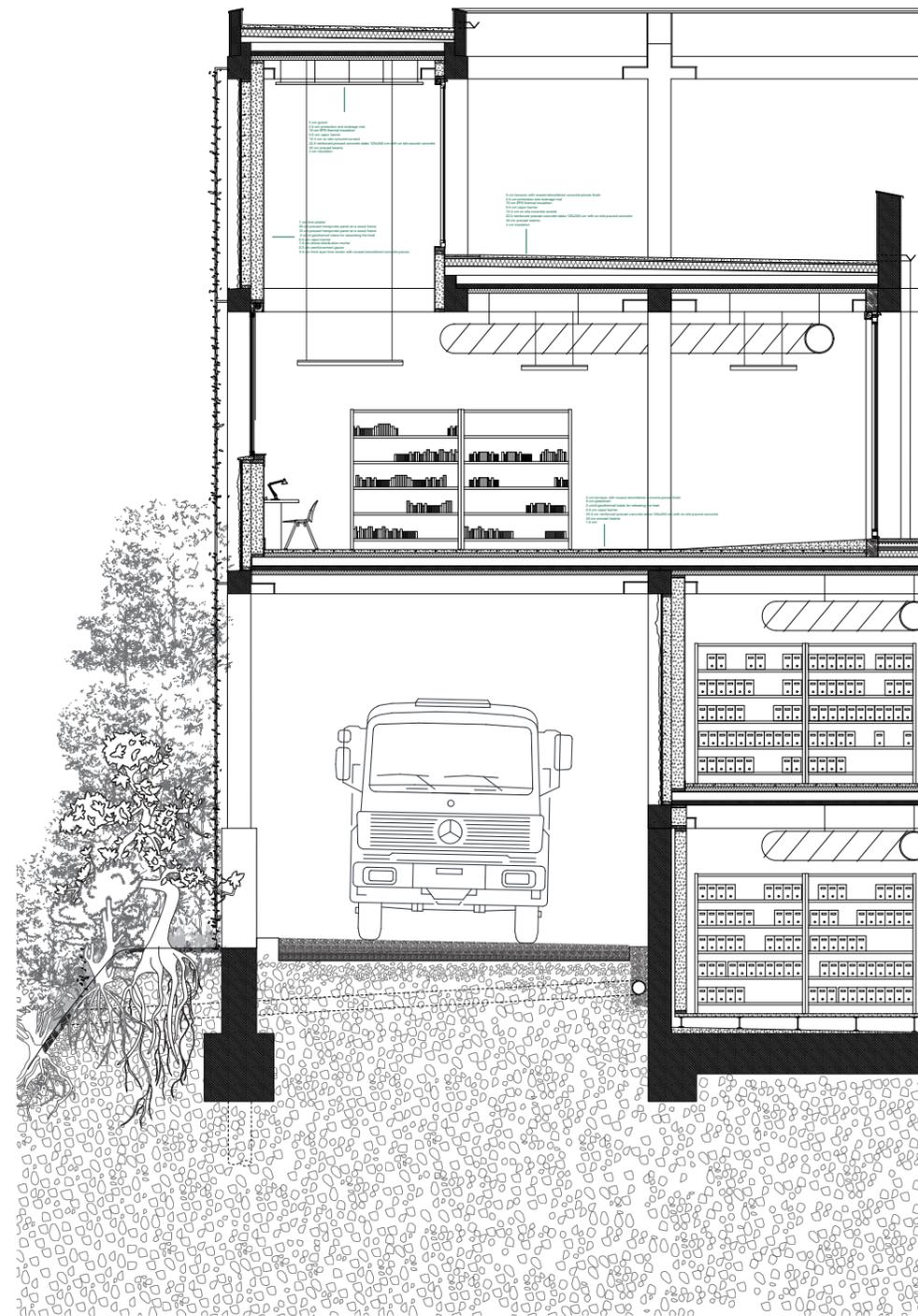
As an element



Nature and the facade

Made by author, 2025

As an element

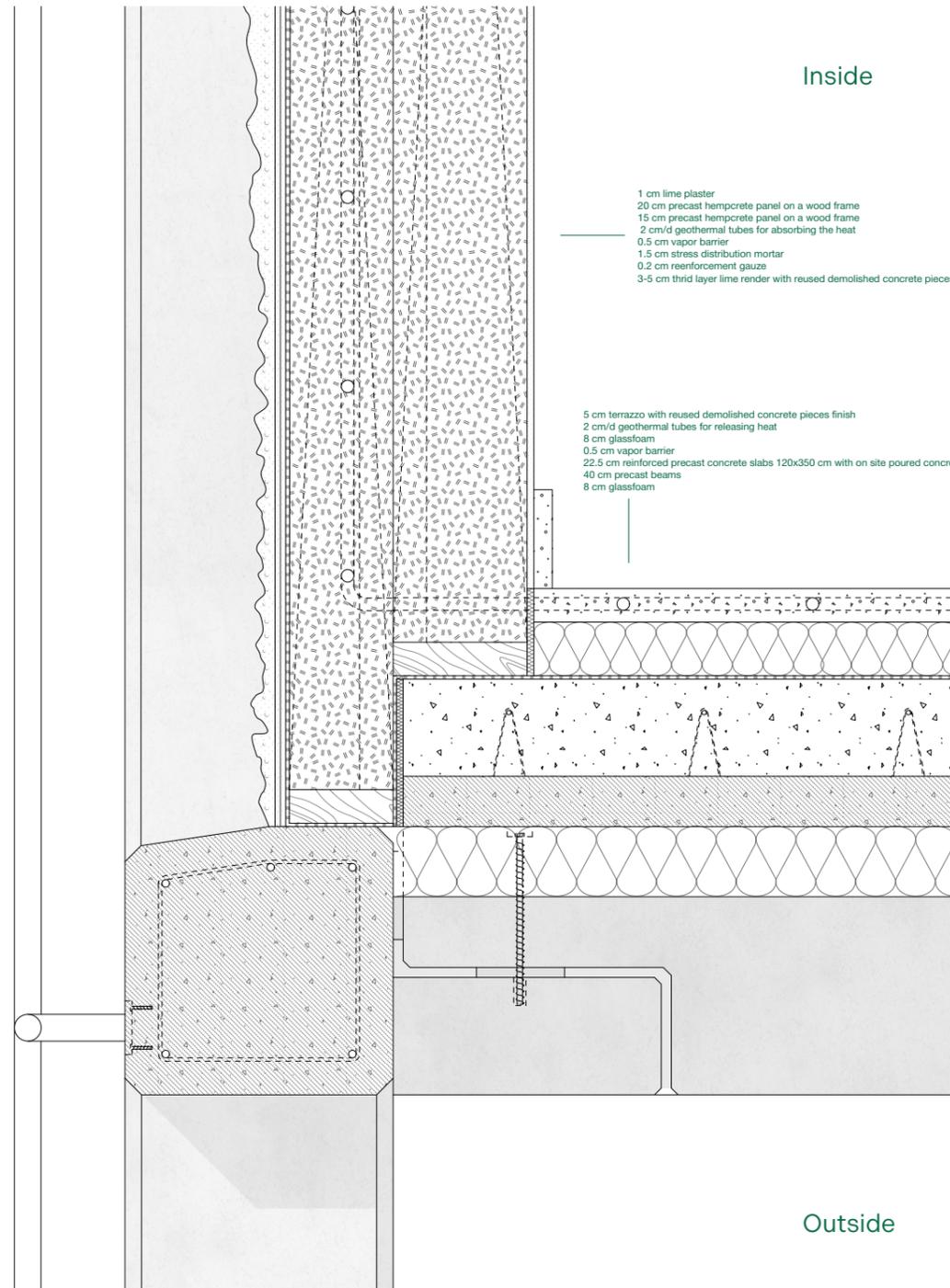


A fragment of the building

Made by author, 2025

Outside

Inside



1 cm lime plaster
20 cm precast hempcrete panel on a wood frame
15 cm precast hempcrete panel on a wood frame
2 cm/d geothermal tubes for absorbing the heat
0.5 cm vapor barrier
1.5 cm stress distribution mortar
0.2 cm reinforcement gauze
3-5 cm third layer lime render with reused demolished concrete pieces

5 cm terrazzo with reused demolished concrete pieces finish
2 cm/d geothermal tubes for releasing heat
8 cm glassfoam
0.5 cm vapor barrier
22.5 cm reinforced precast concrete slabs 120x350 cm with on site poured concrete
40 cm precast beams
8 cm glassfoam

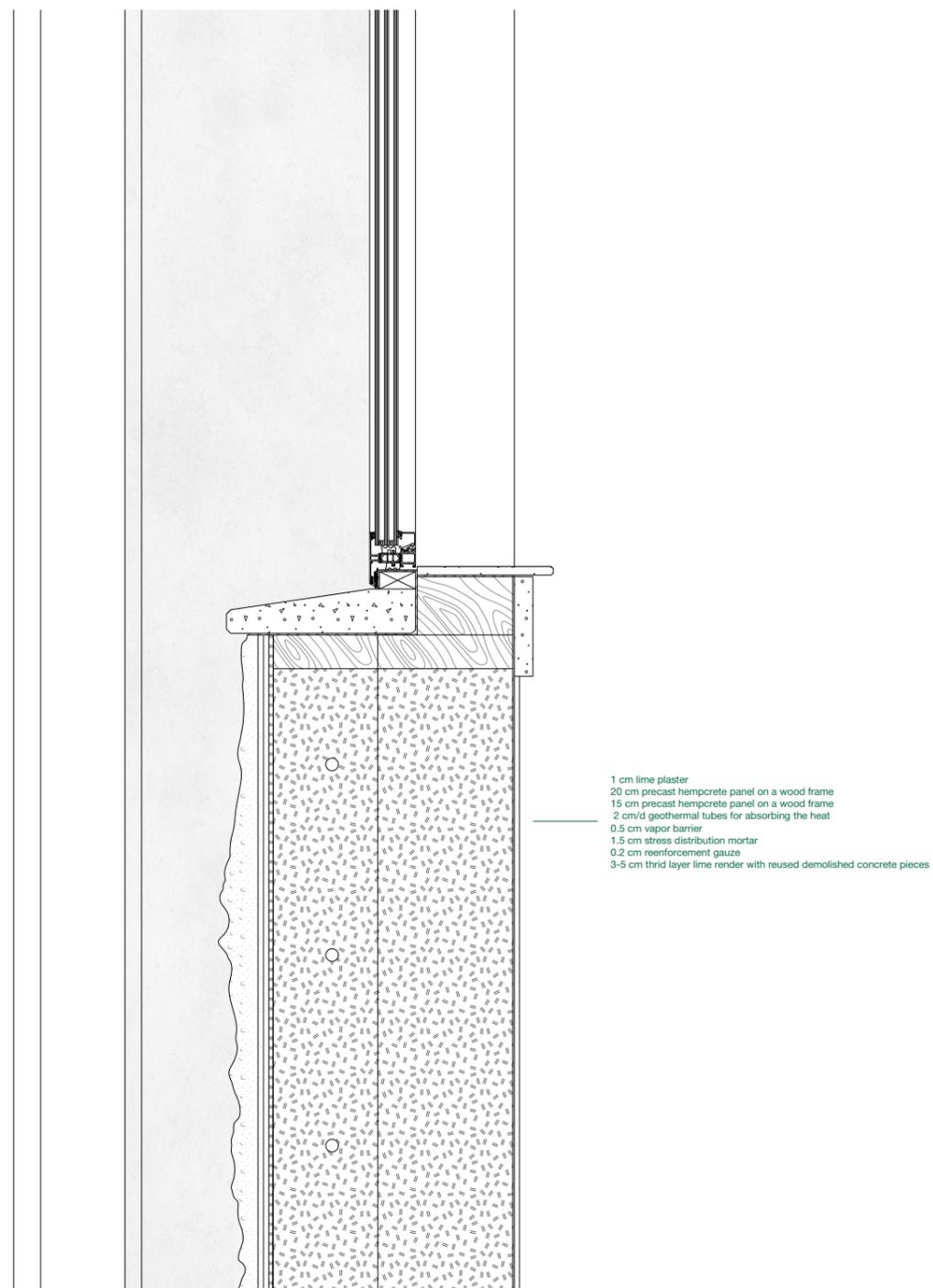
Outside

Wall and floor composition

Made by author, 2025

As an element

Detail



Windows

Made by author, 2025

As an element

Materiality

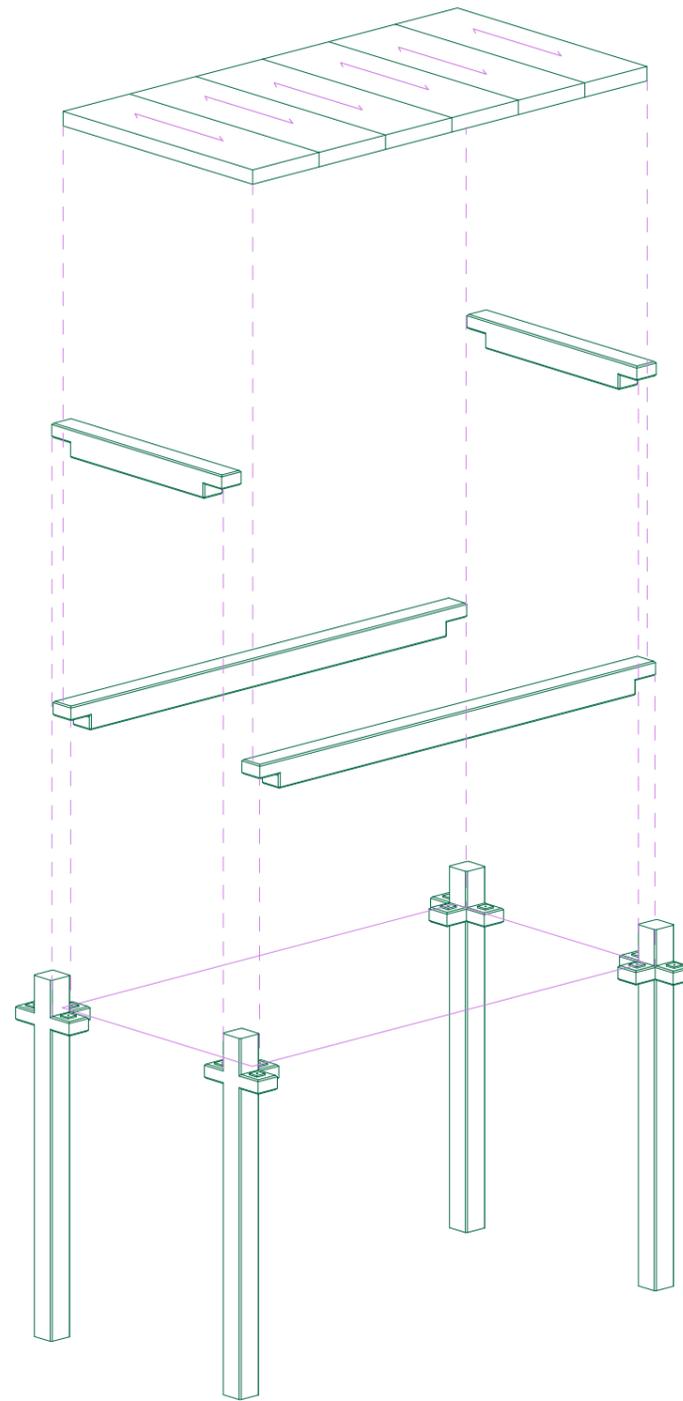


1:33 fragment of the building

Made by author, 2025

As an element

The structure

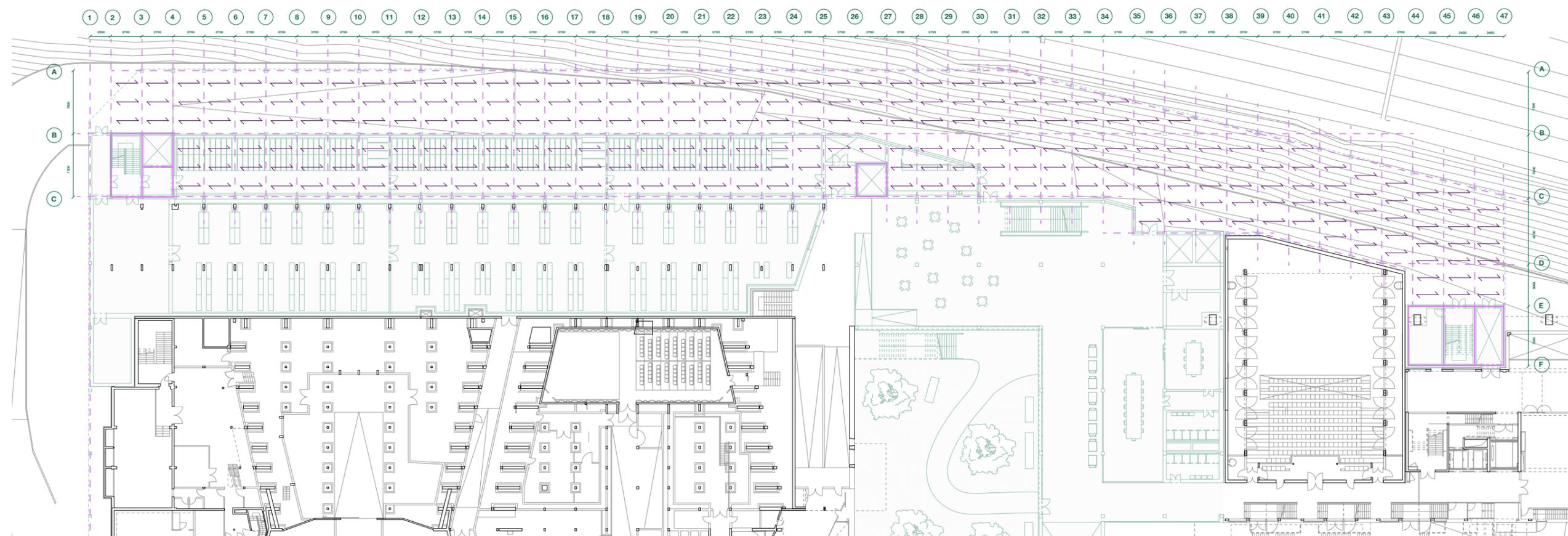


Assemblage of the structure of the building

Made by author, 2025

As an element

The structure

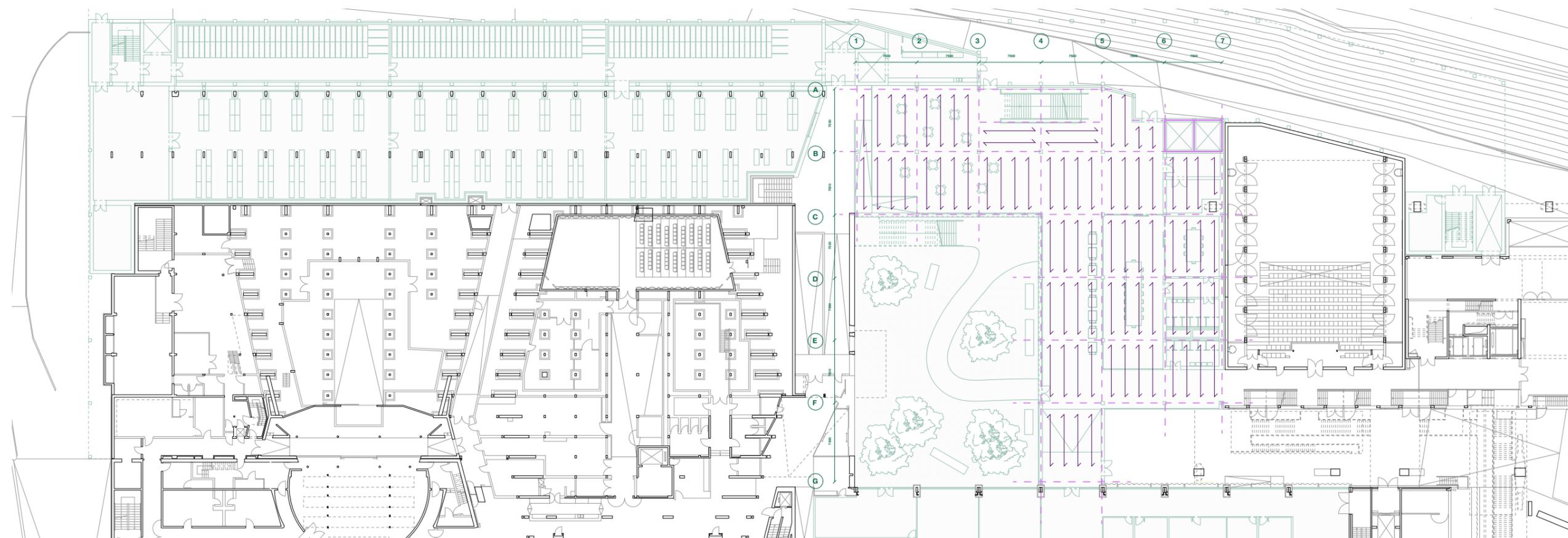


Structure of the wall building

Made by author, 2025

As an element

The structure



Structure of the building of transiton

Made by author, 2025

A Garden



Existing courtyards

Made by author, 2025

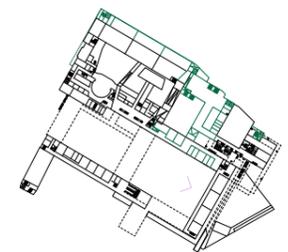
An existing

Courtyards



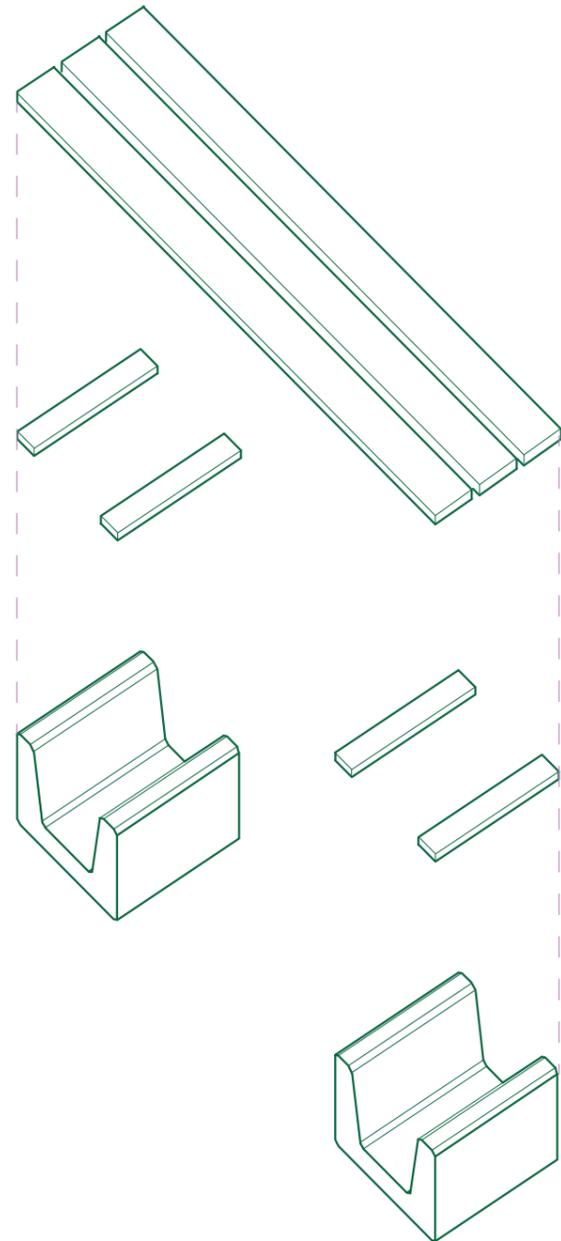
view of the courtyards

Taken by author, 2025



An existing

Courtyards



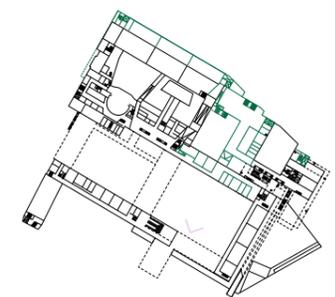
Reusing facade elements as garden furniture

Made by author, 2025

An existing

Courtyards

Can the landscape find its way back into the building,
rethinking the forgotten dialogue?



view of the courtyards

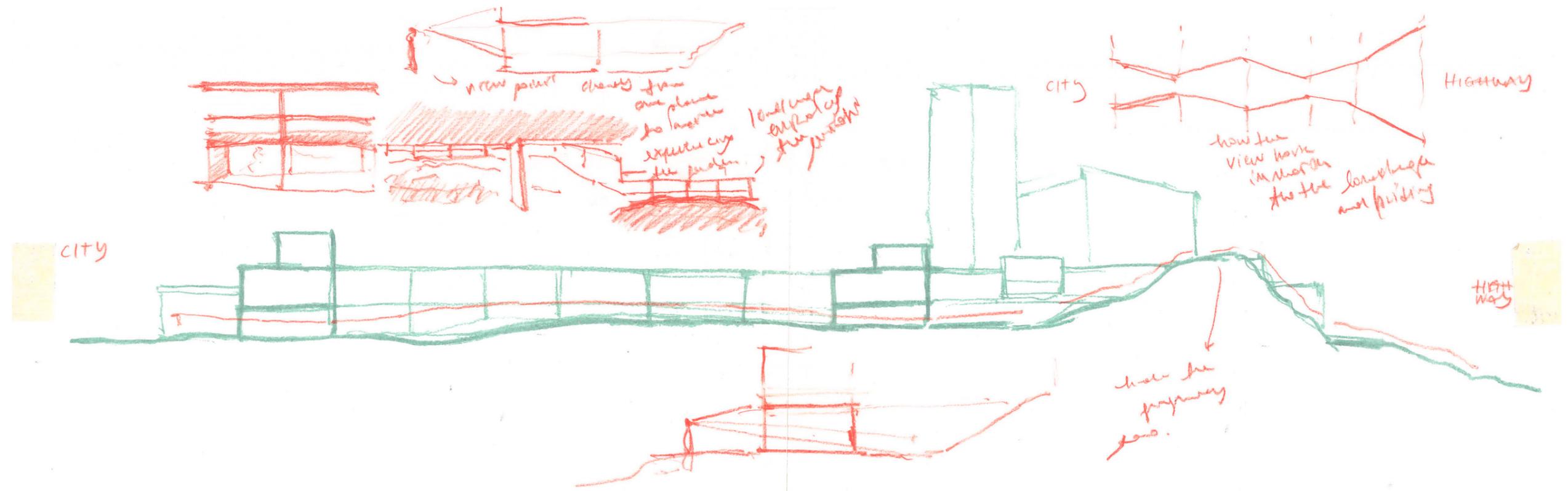
Taken by author, 2025

An existing

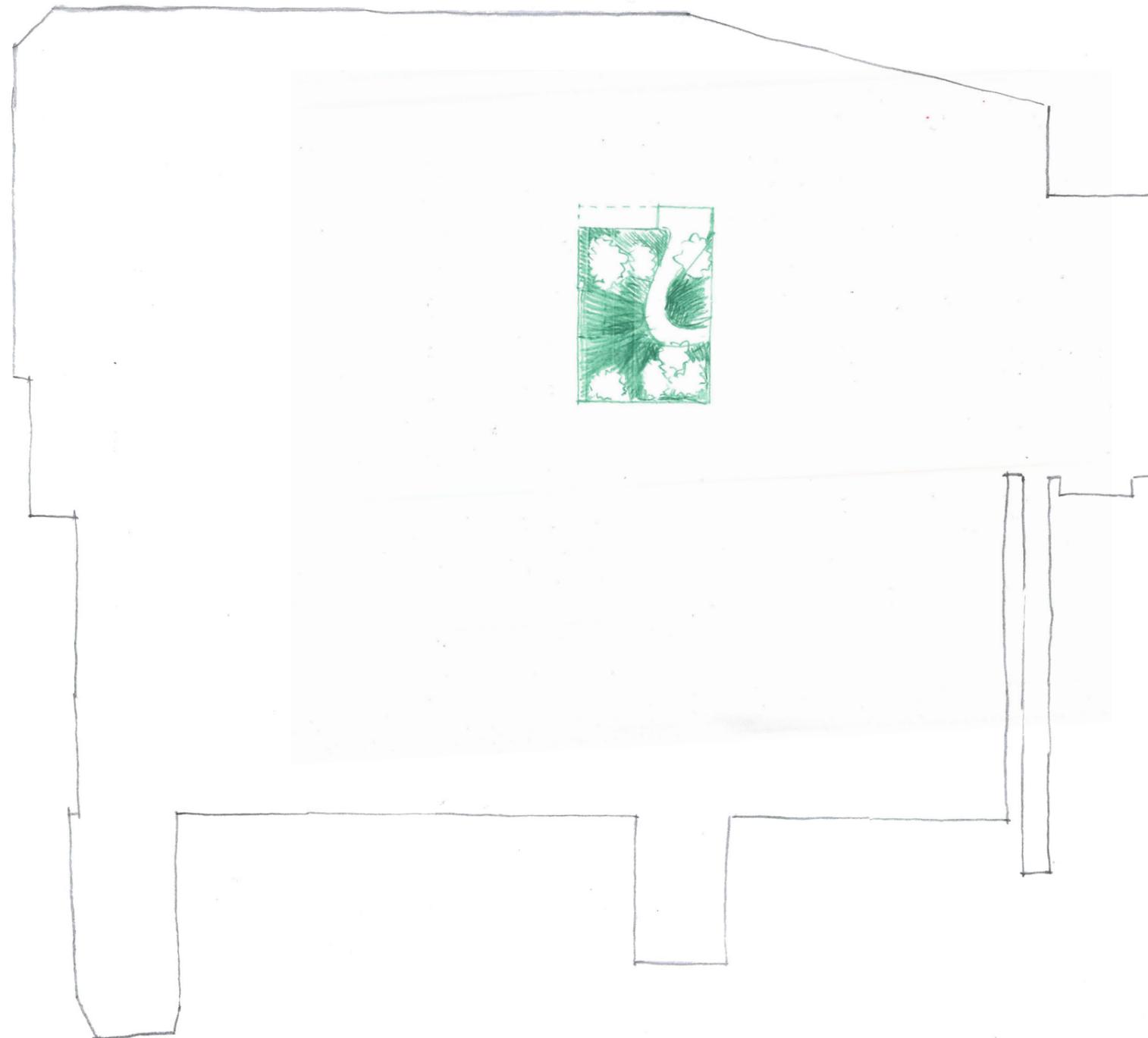
“Landscape has a subtle power over people, eliciting a broad range of emotions and meanings that may be difficult to specify.”

(Mitchell, 2002)





Perception of the landscape from the initial configuration of the building



Reuse garden

Made by author, 2025

An addition

The reuse garden

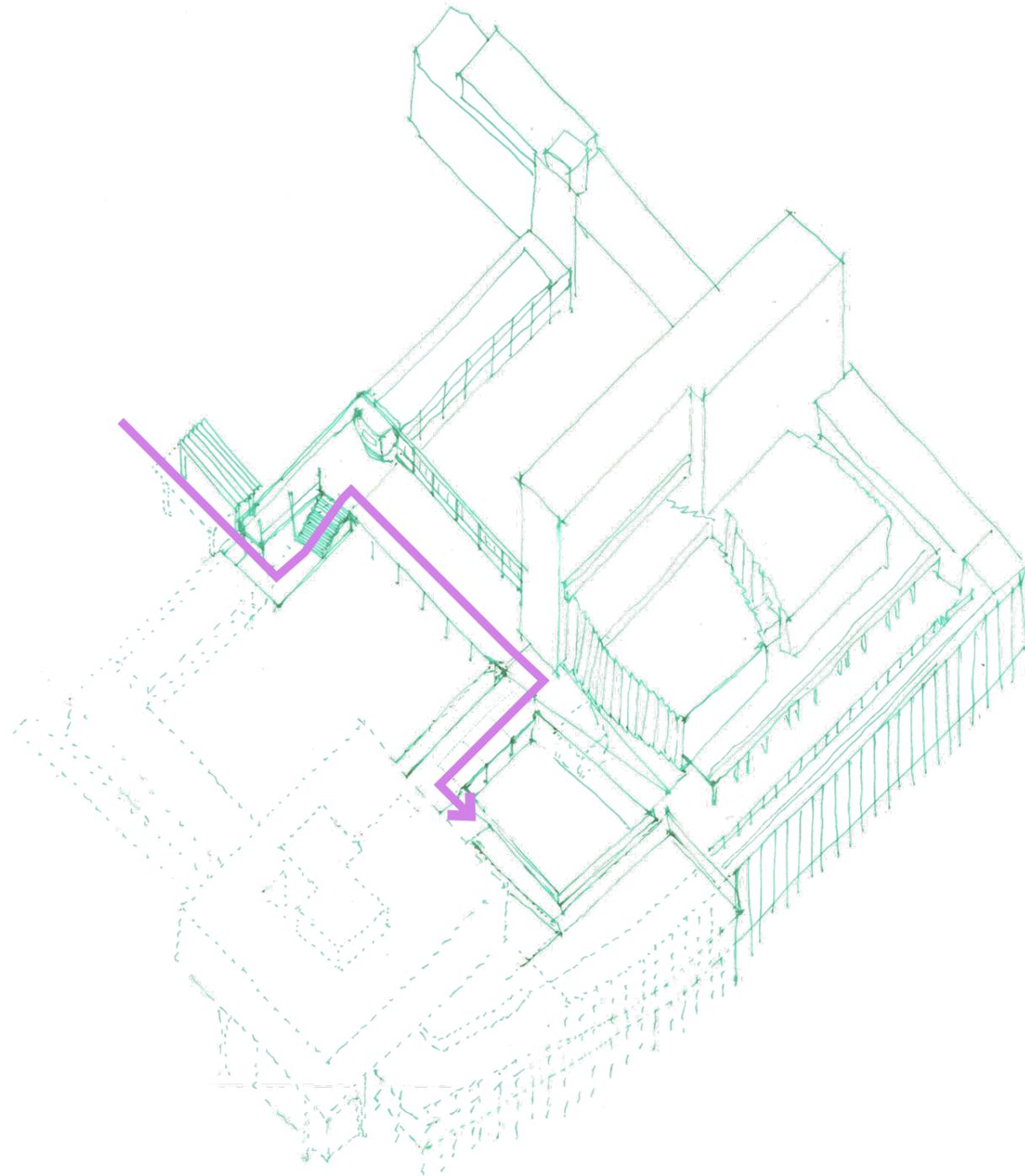


The royal loggia

Felixarchief, folder 2393#3240

An addition

Circulation

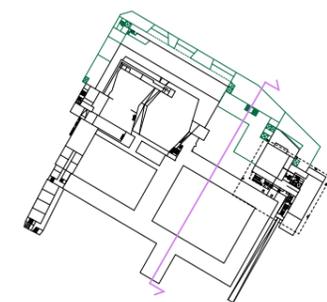
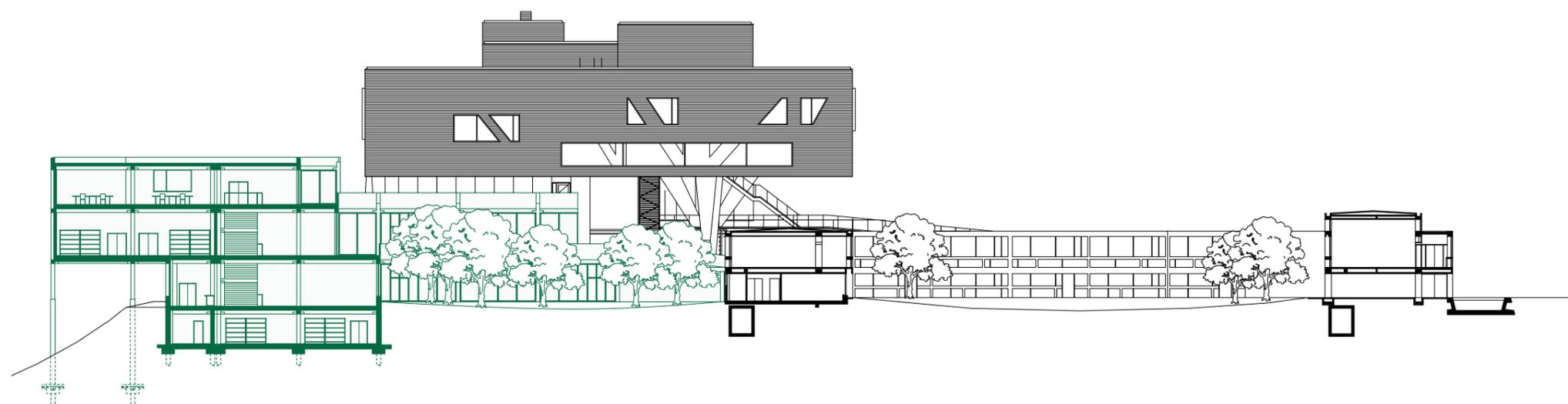


Circulation for the reuse courtyard

Made by author, 2025

An addition

The reuse garden

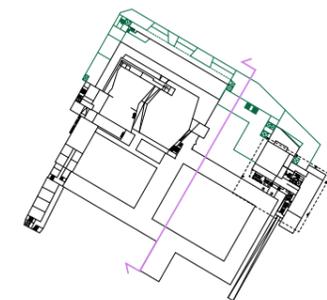


Section

Made by author, 2025

An addition

The reuse garden



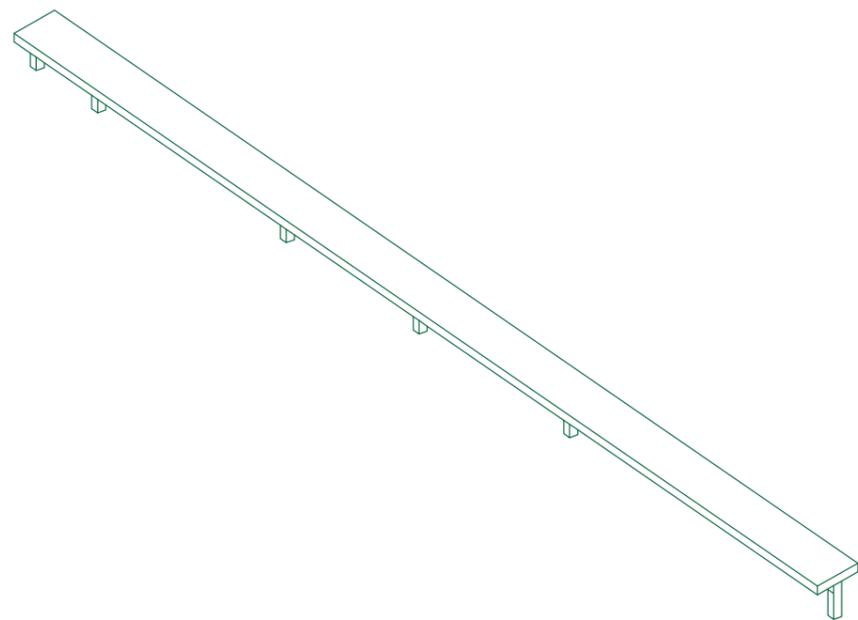
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Made by author, 2025

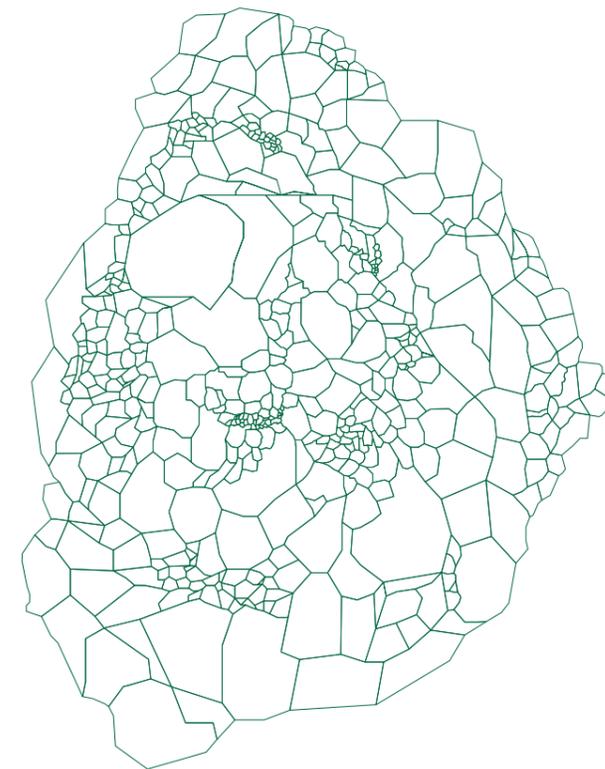
An addition

The reuse garden

Terraces balaustrade



Fragmentation of a concrete wall

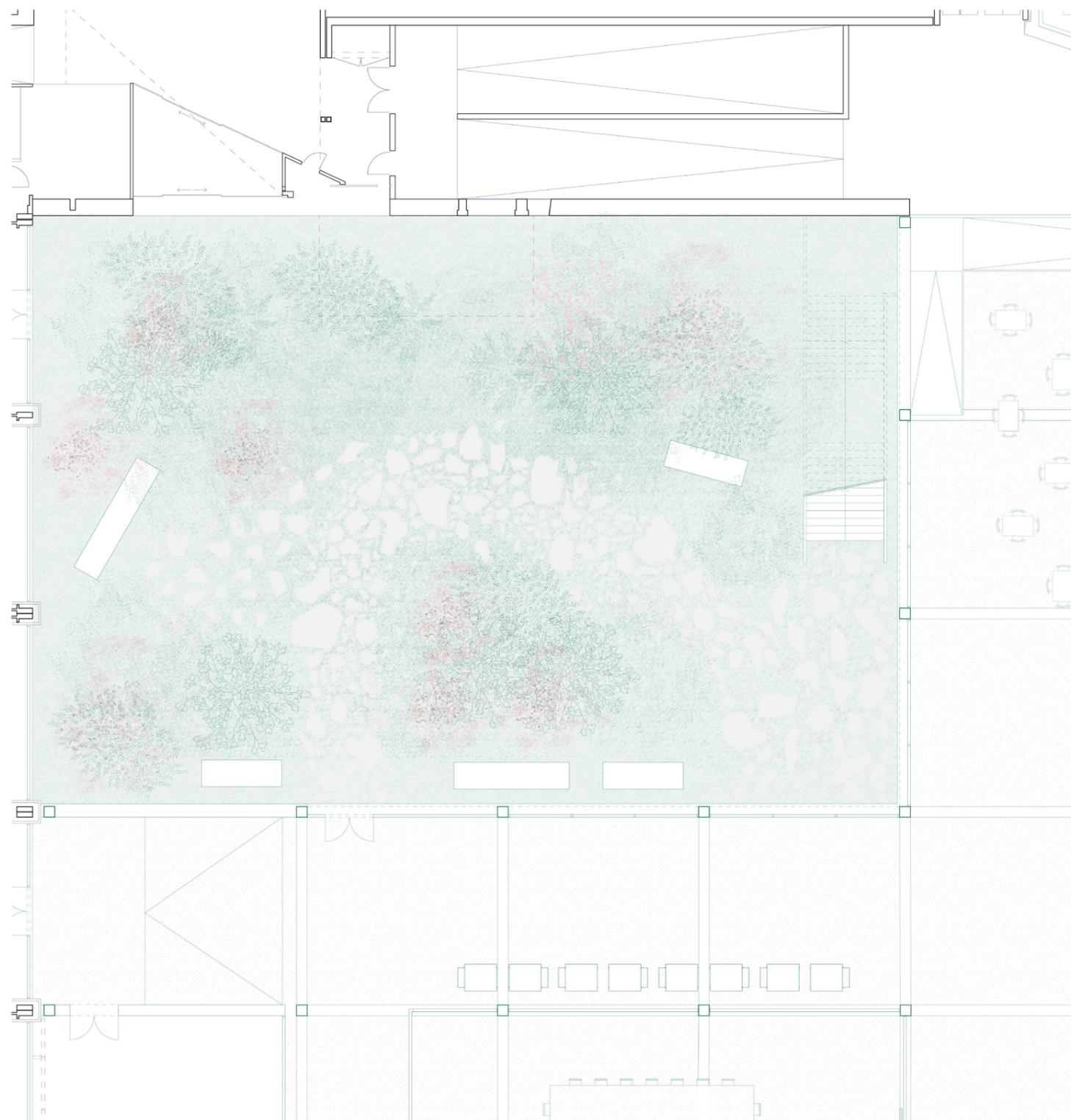


Elements of the reuse garden

Made by author, 2025

An addition

The reuse garden

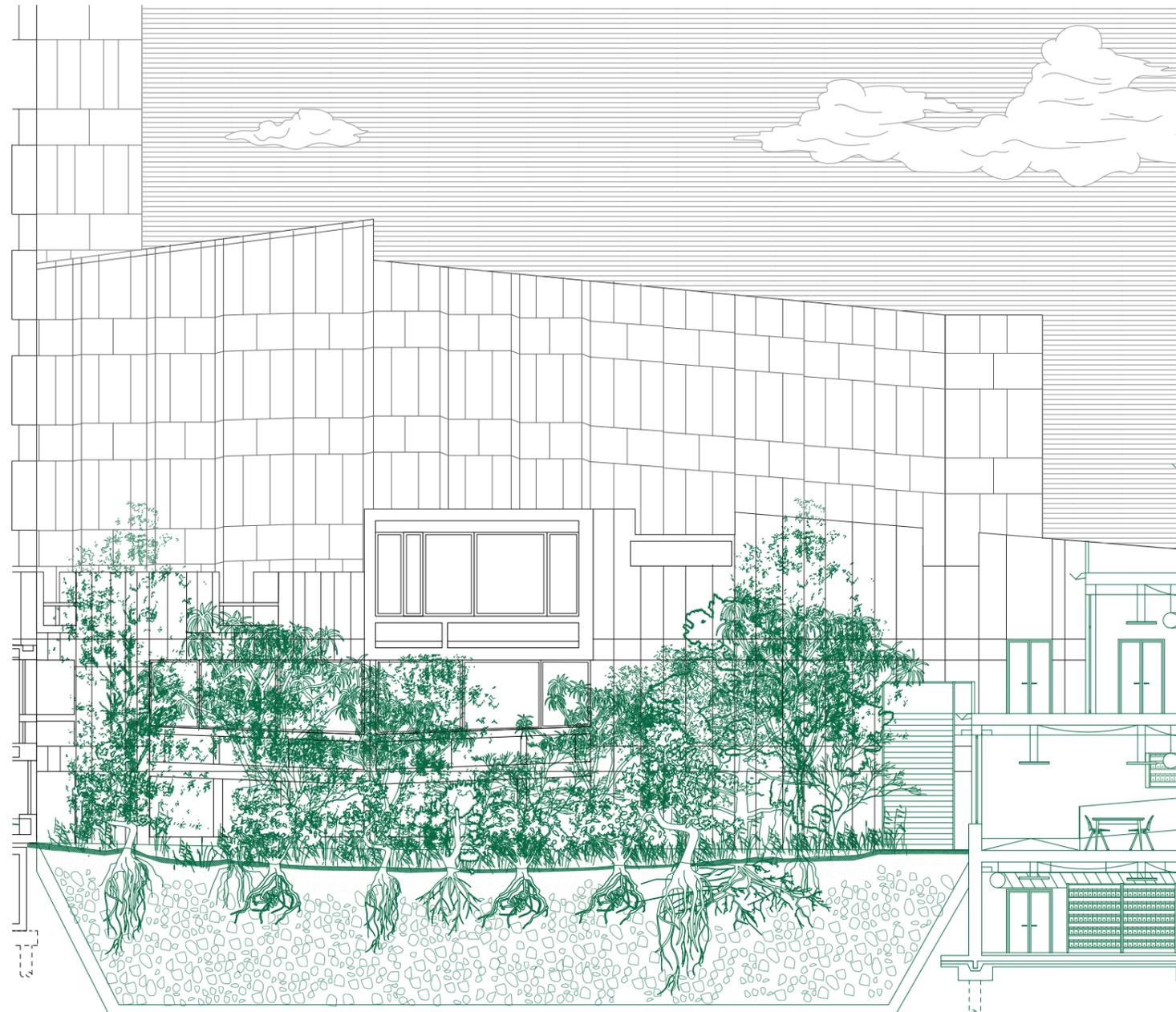


Plan of the reuse garden

Made by author, 2025

An addition

The reuse garden



Section of the reuse garden

Made by author, 2025

An addition

The reuse garden



View of the reuse garden

Made by author, 2025

An addition

The reuse garden



View of the reuse garden

Made by author, 2025

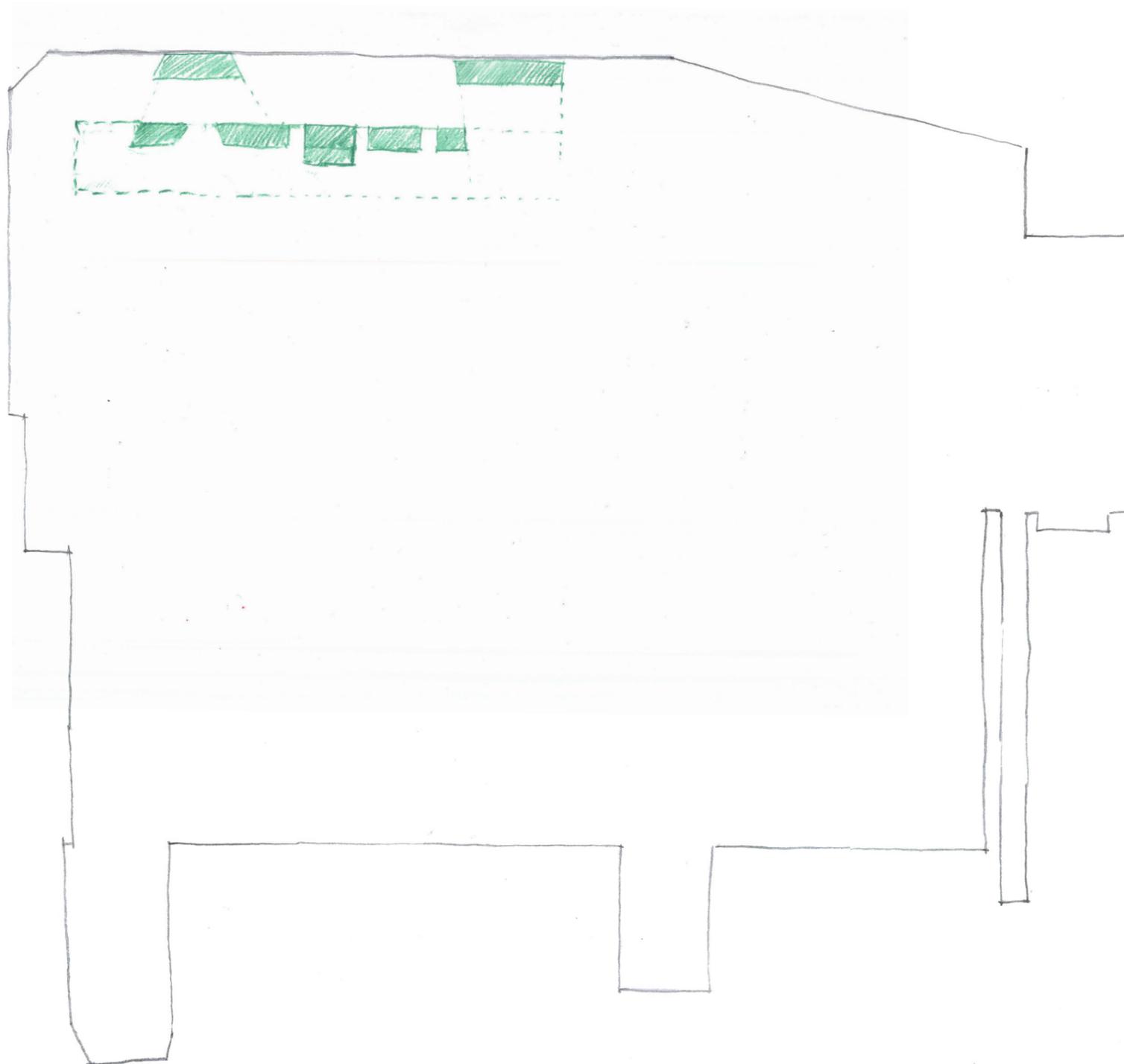
An addition

The reuse garden



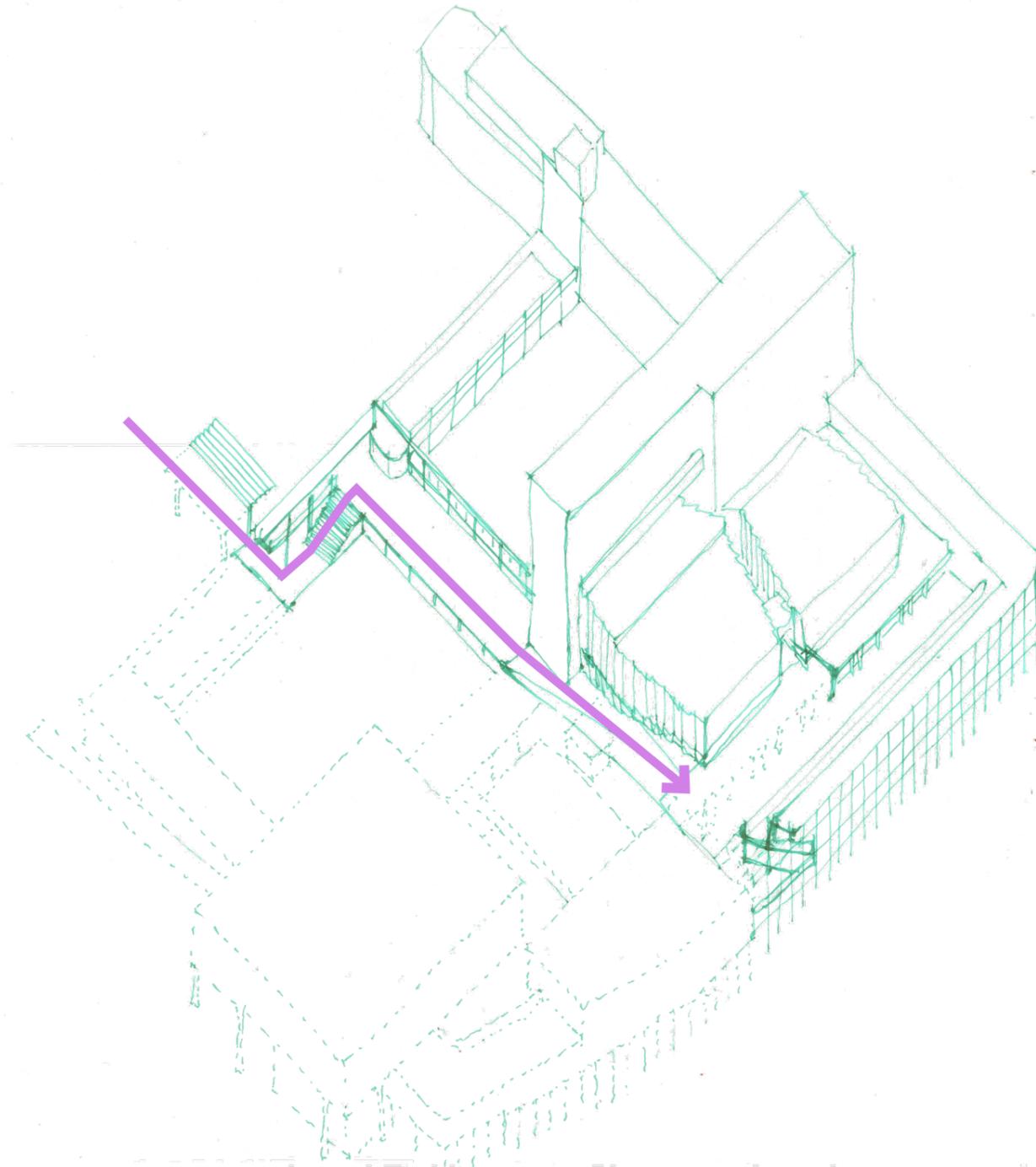
View of the reuse garden

Made by author, 2025



New terrace

Made by author, 2025



Circulation for the terraces

Made by author, 2025

An addition

Terraces



View of the terraces

Felixarchief, folder 2393#3240

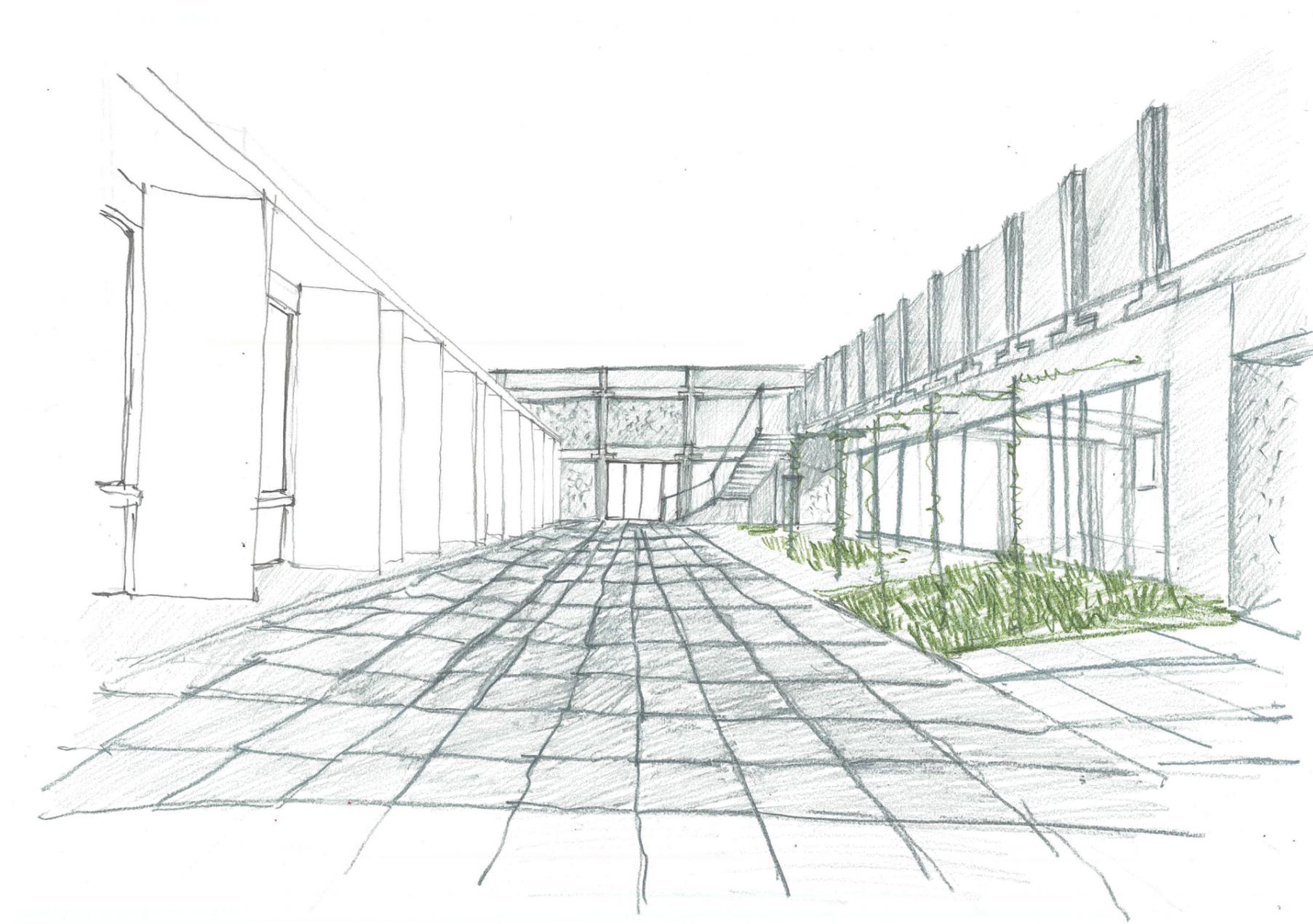
An addition

Terraces



View of the terraces now

Taken by author, 2025

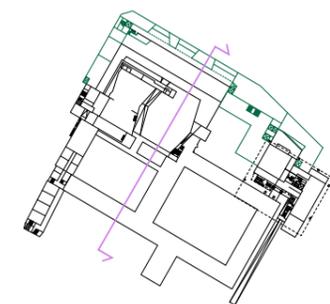
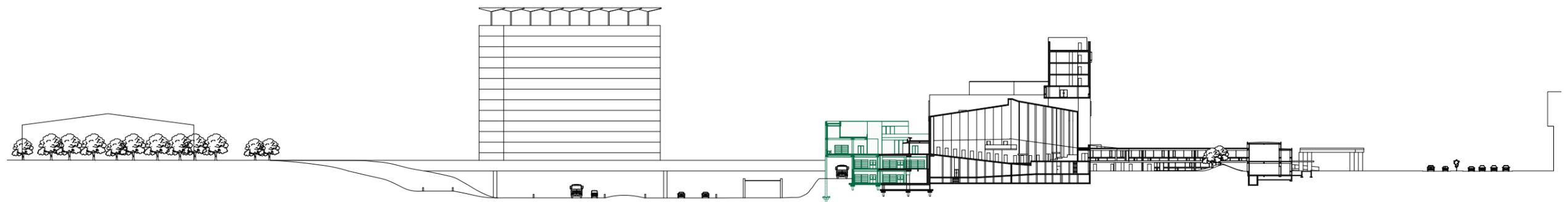


View of the new terraces

Made by author, 2025

An addition

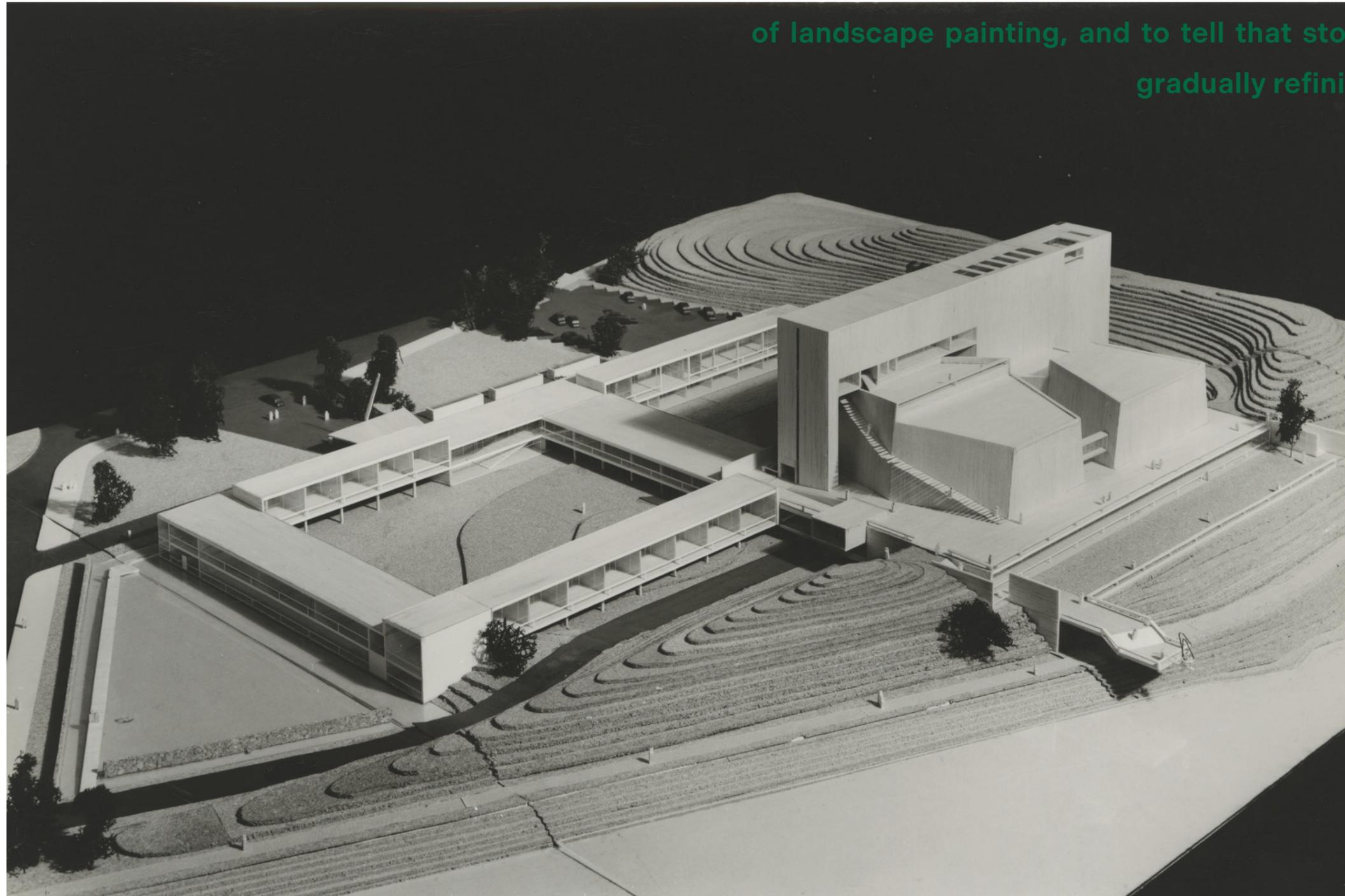
Terraces



Section of the terraces

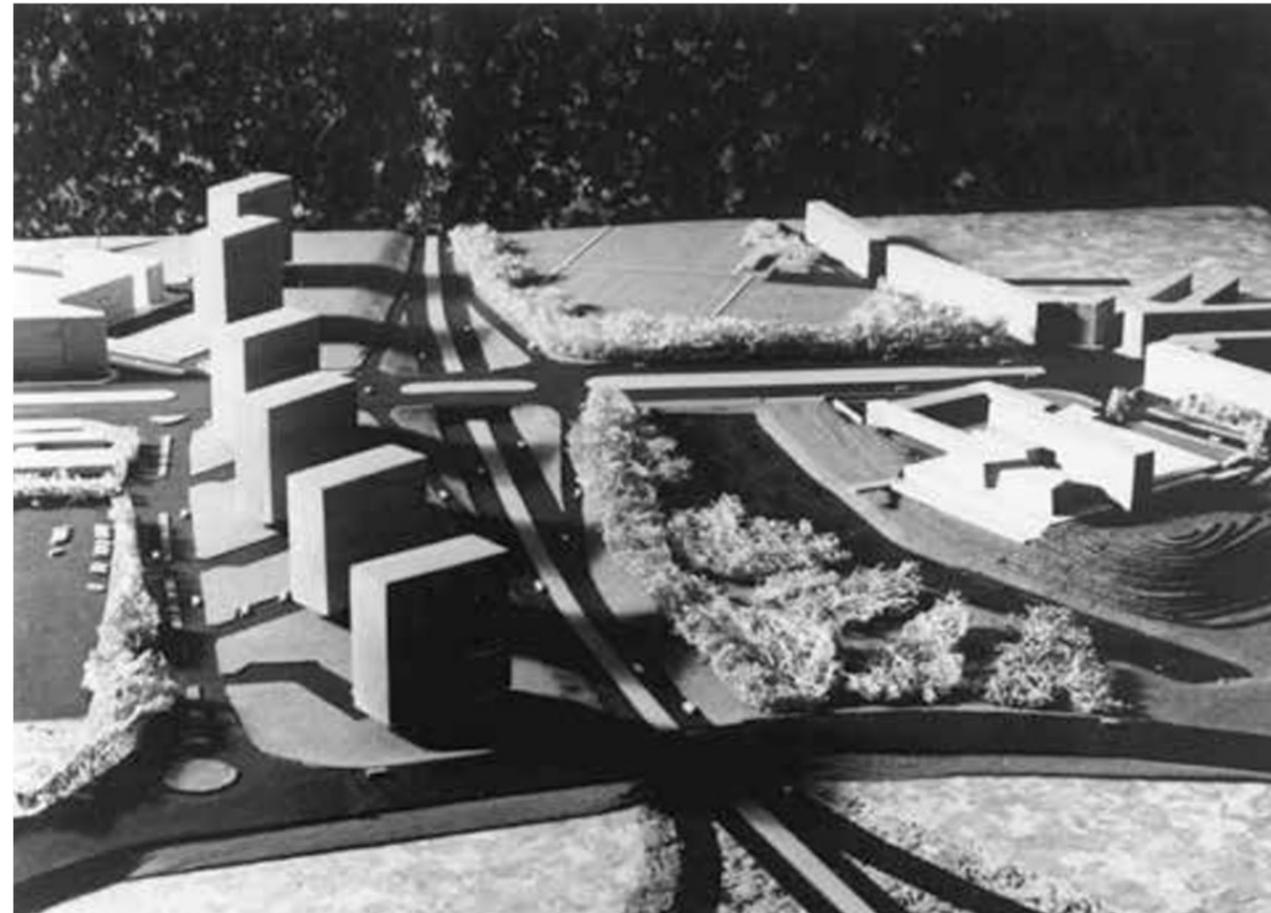
Made by author, 2025

**“(Modernist or Contemplative landscape is) an attempt to understand the history of landscape mainly through the history of landscape painting, and to tell that story as a process of gradually refining the visual field”
(Mitchell, 2002)**



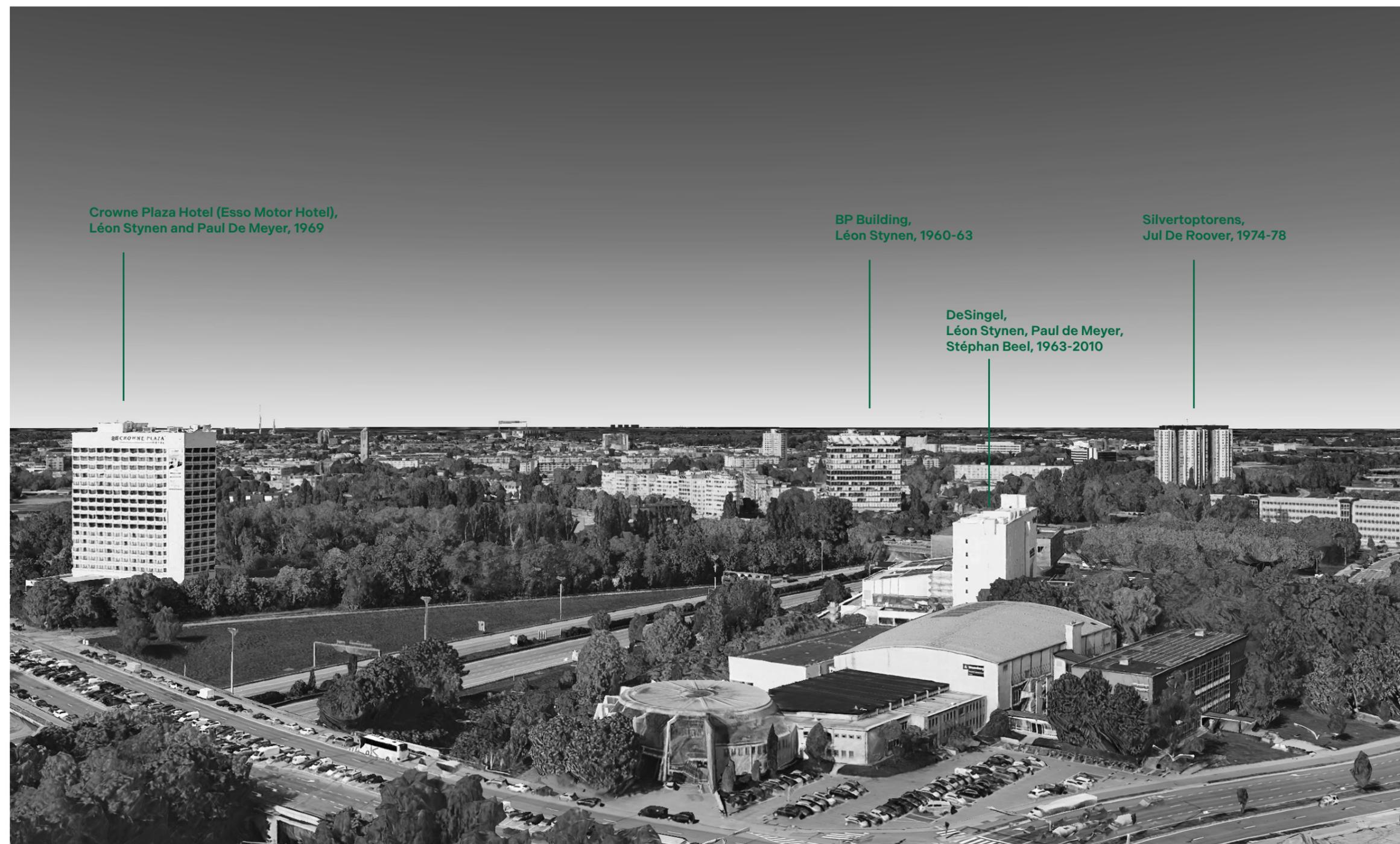
An addition

The context



1962 Wezenberg plan Léon Stynen

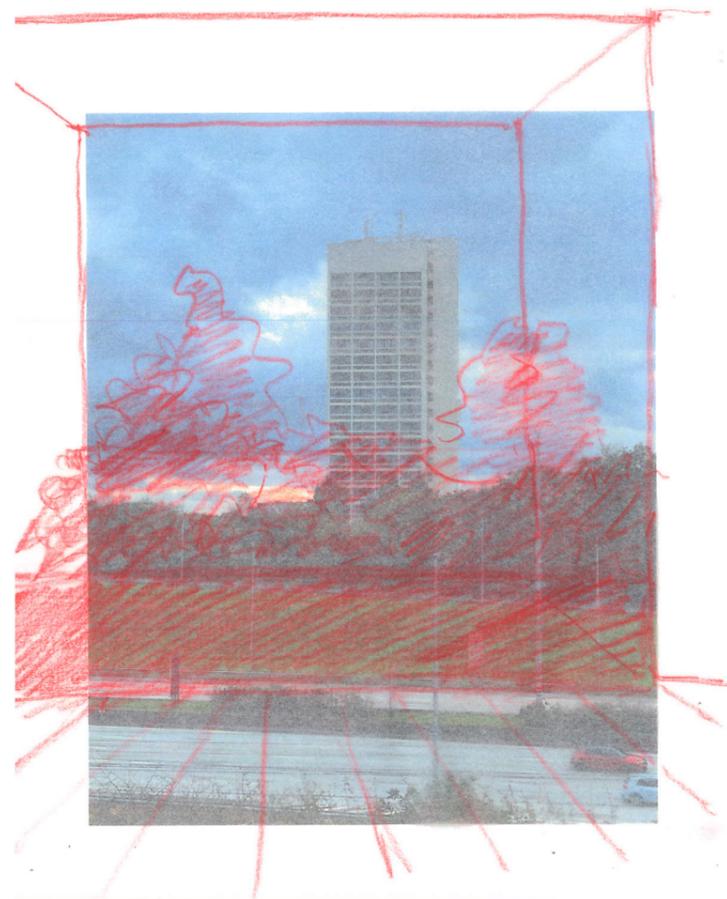
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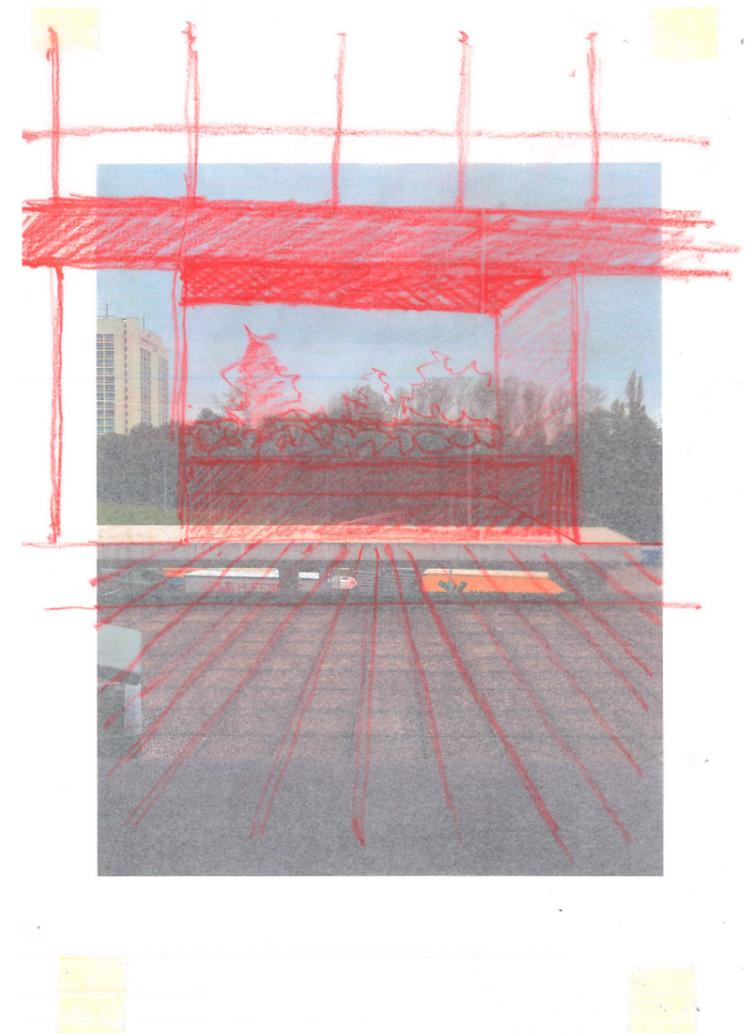
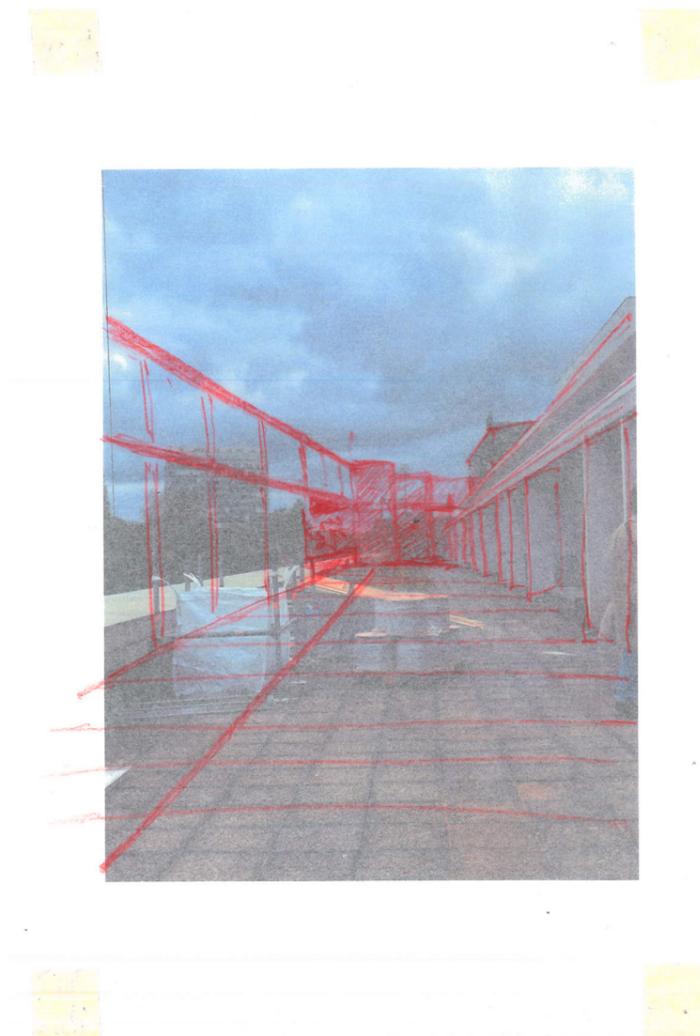
Skyline on the other side of the Ring

Google EarthPro, 2025

An addition



Framing the terraces

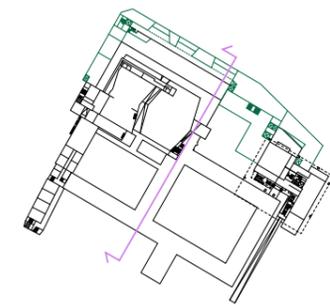
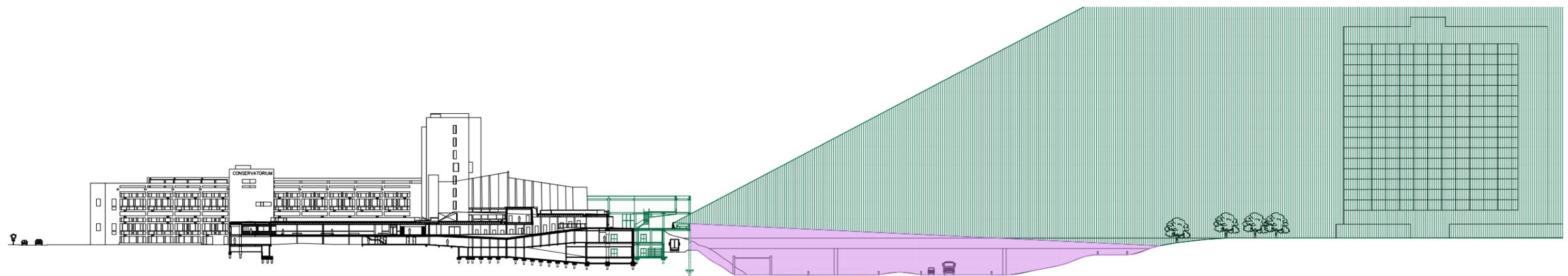


Designing the terraces views

Made by author, 2025

An addition

Terraces



Section of the terraces

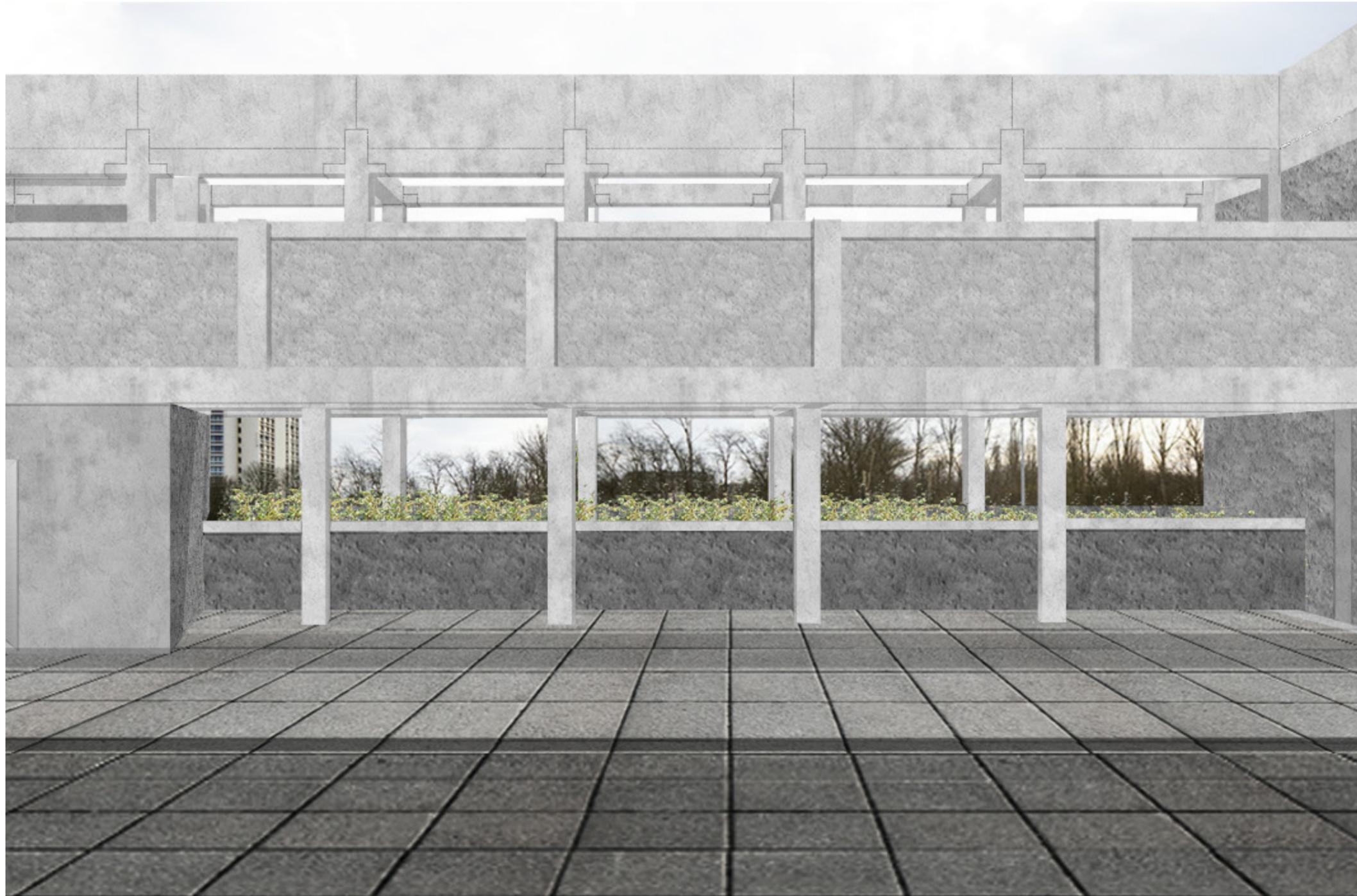
Made by author, 2025



View from the ramp
Taken by author, 2025

An addition

Terraces



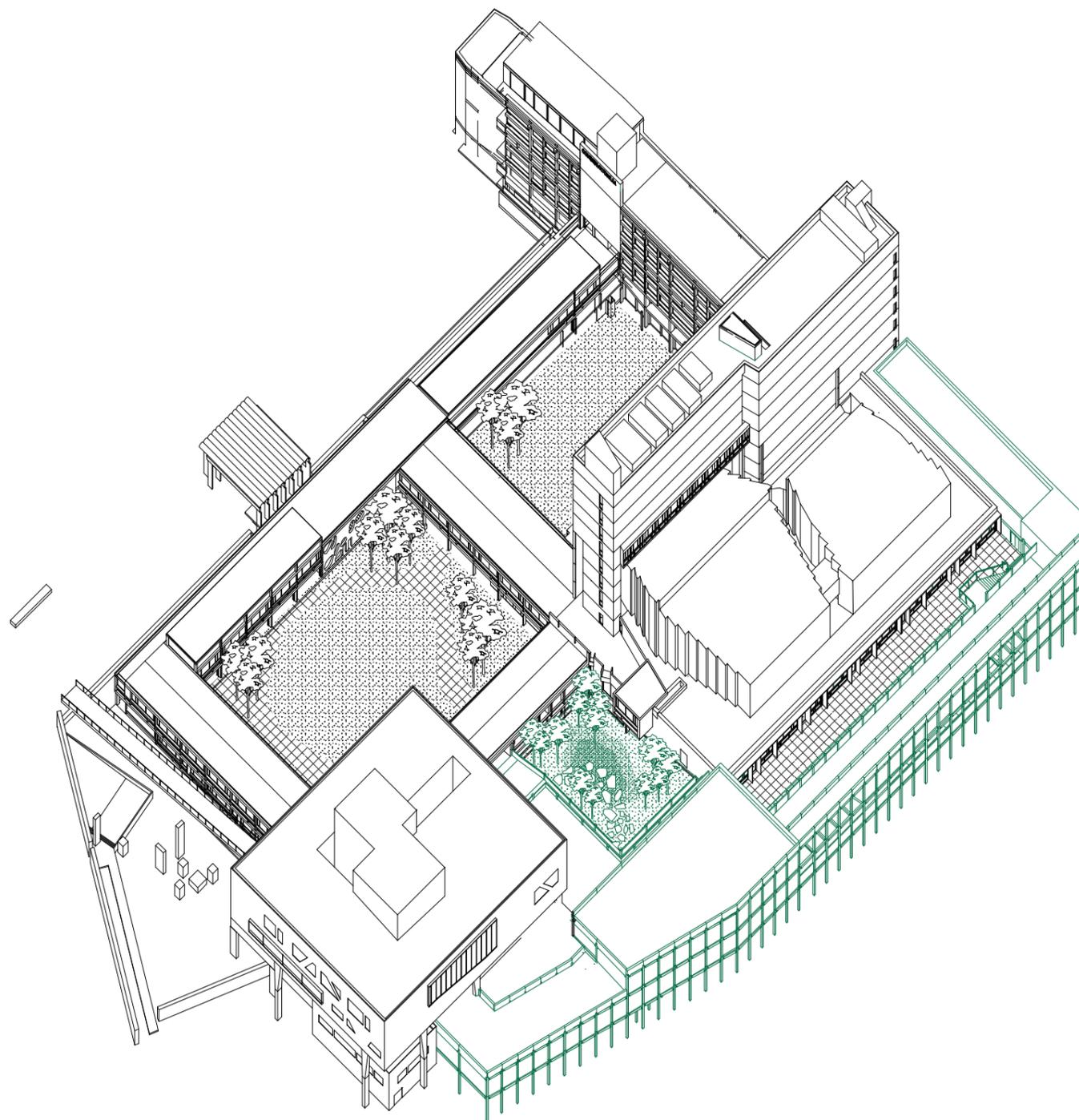
New framed view

Made by author, 2025



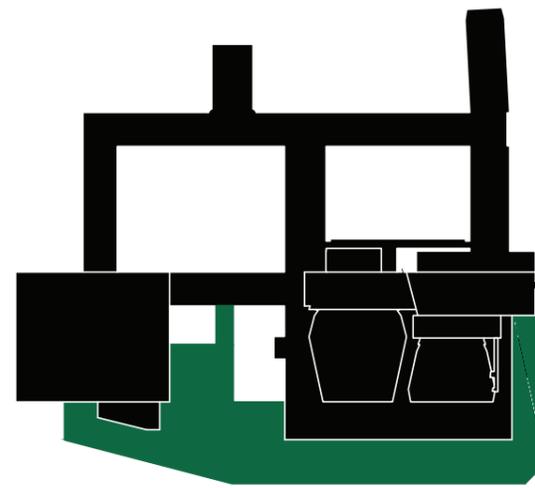
The courtyards

Made by author, 2025



The building

Made by author, 2025



Thank you