

The Future Bank





Brussels



National Bank of Belgium

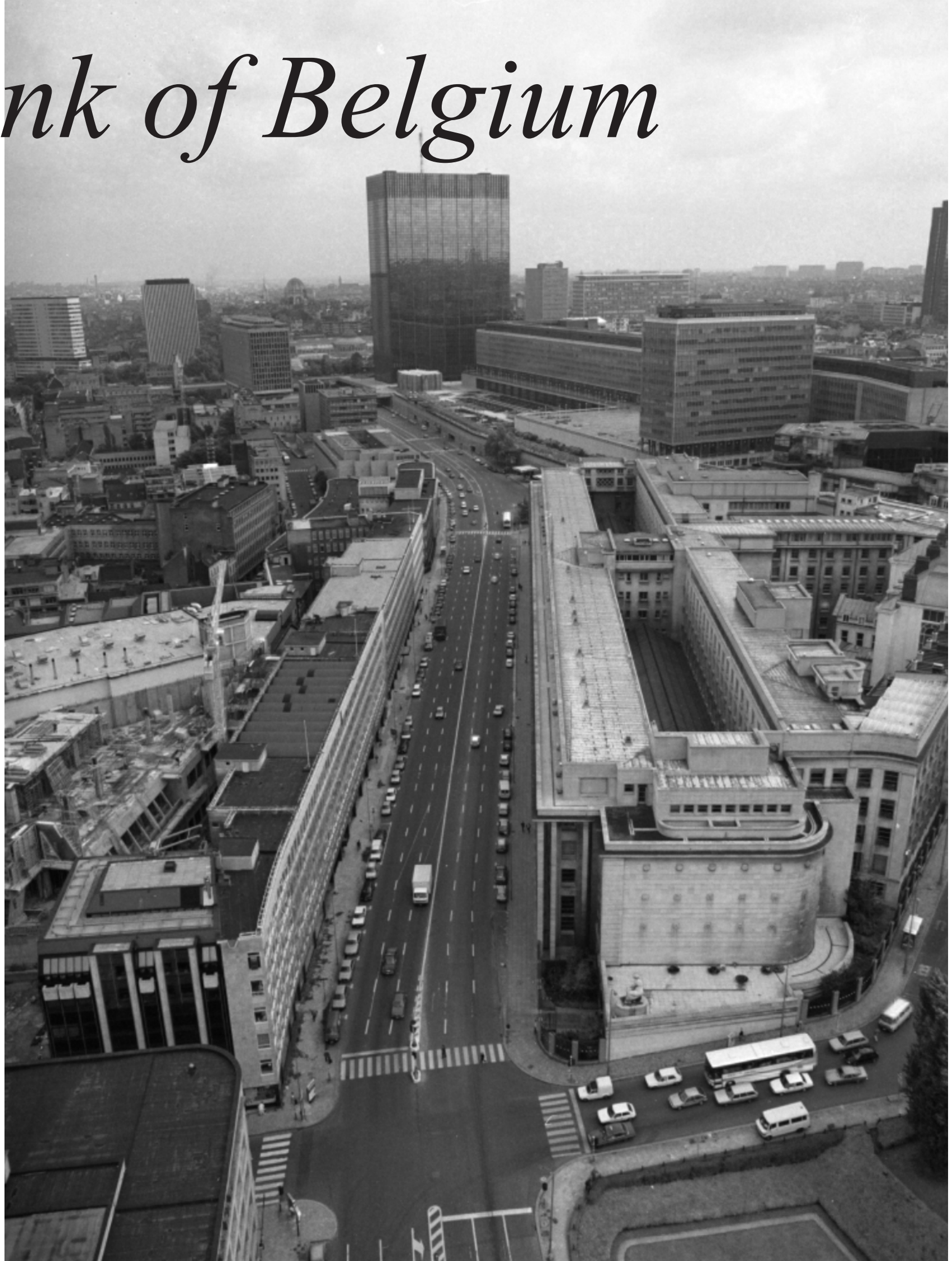


photo from: <http://www.bruciel.brussels>

National Bank of Belgium

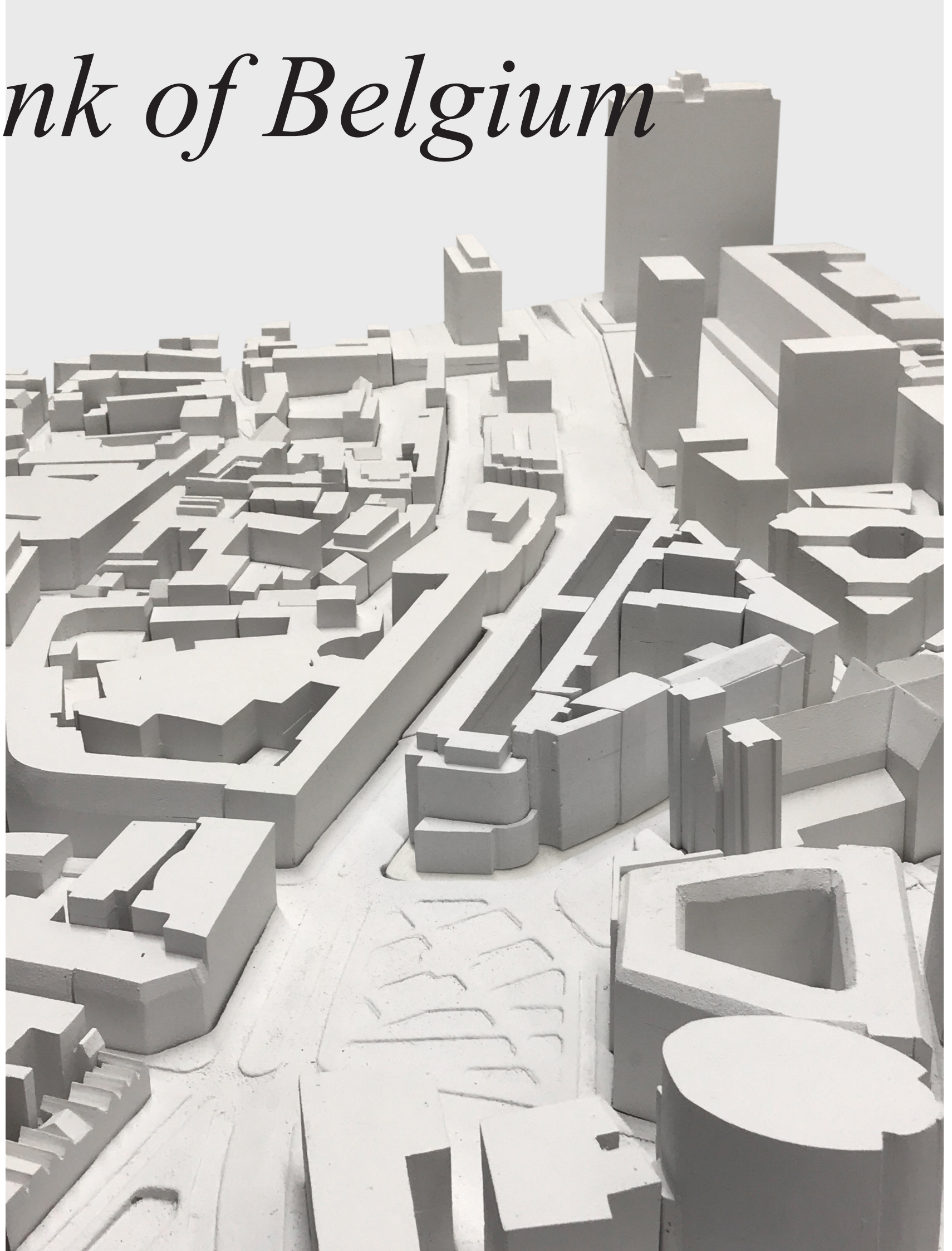


photo: Laurens de Munck

National Bank of Belgium

1960



National Bank of Belgium

1960



National Bank of Belgium

2022



*How to approach the existing
building?*

Act as bricoleur

What's at hand?

Pre-constrained materials

New and old techniques



Act as bricoleur

“~~Hammer & nails~~”

“Axe & pocketknife”



Act as bricoleur

*“Hammer & nails”
“Axe & pocketknife”
and Needle & thread*



Look at what's at hand.

Faces

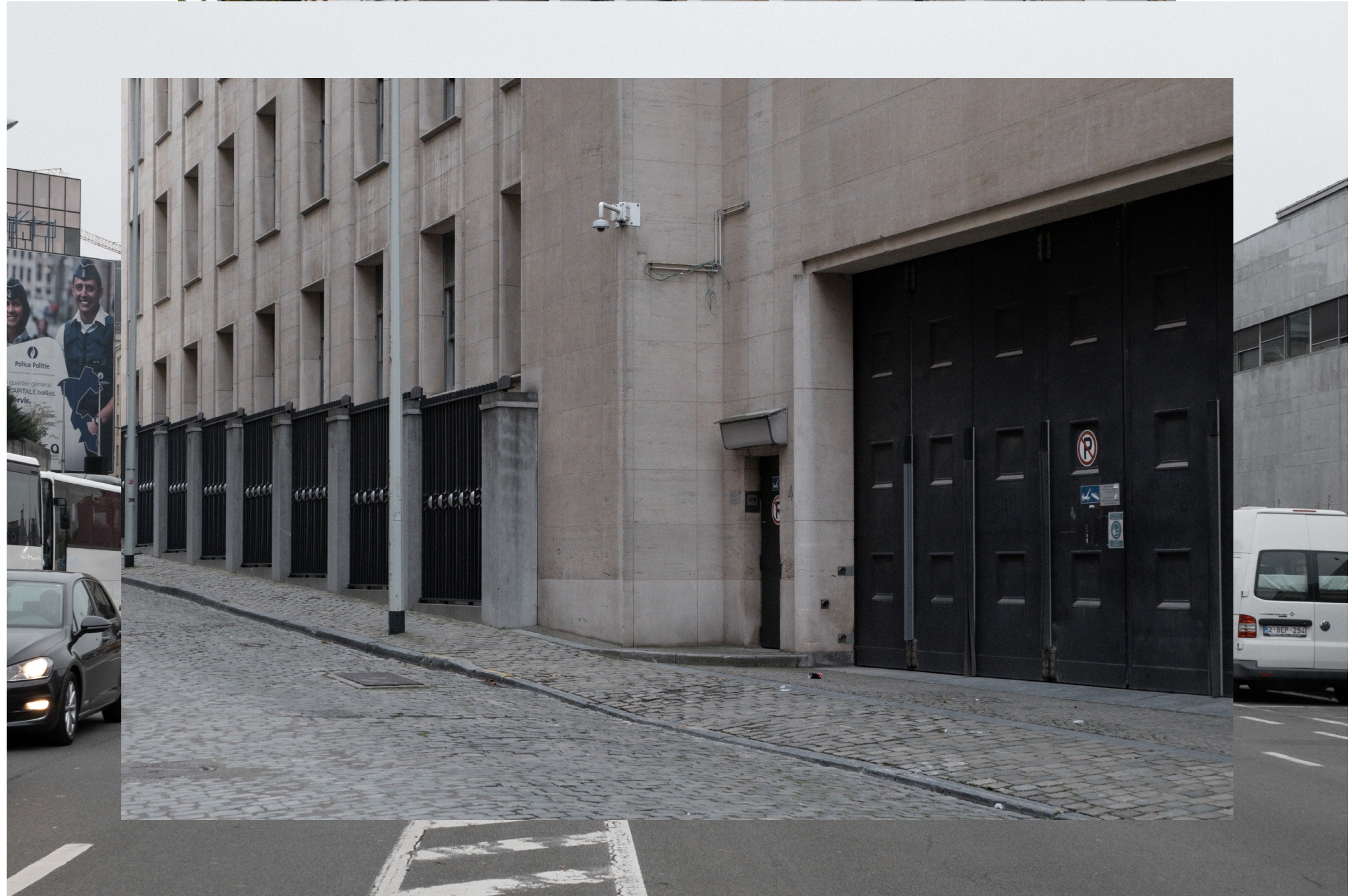


photo: Bas Leemans

Faces



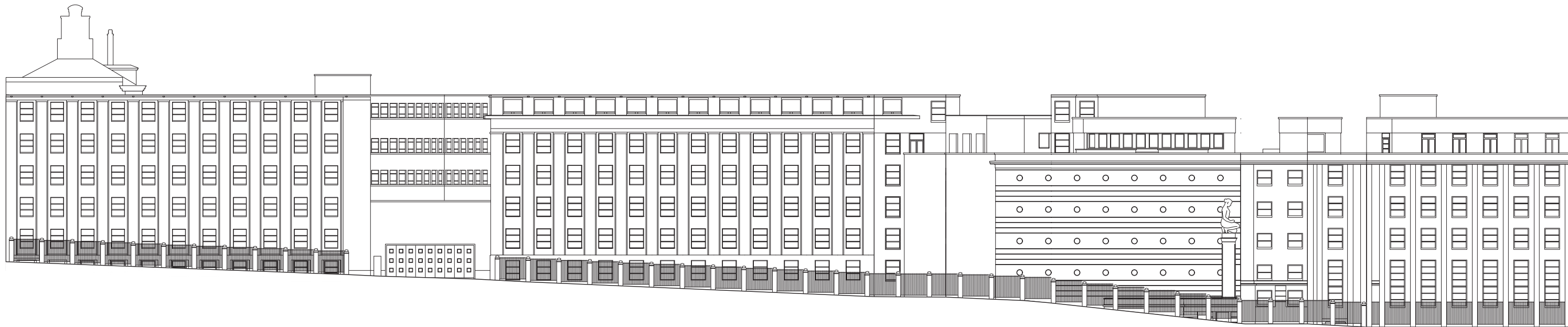
Faces



Faces



Faces



Faces



Faces



Faces



Faces



Faces



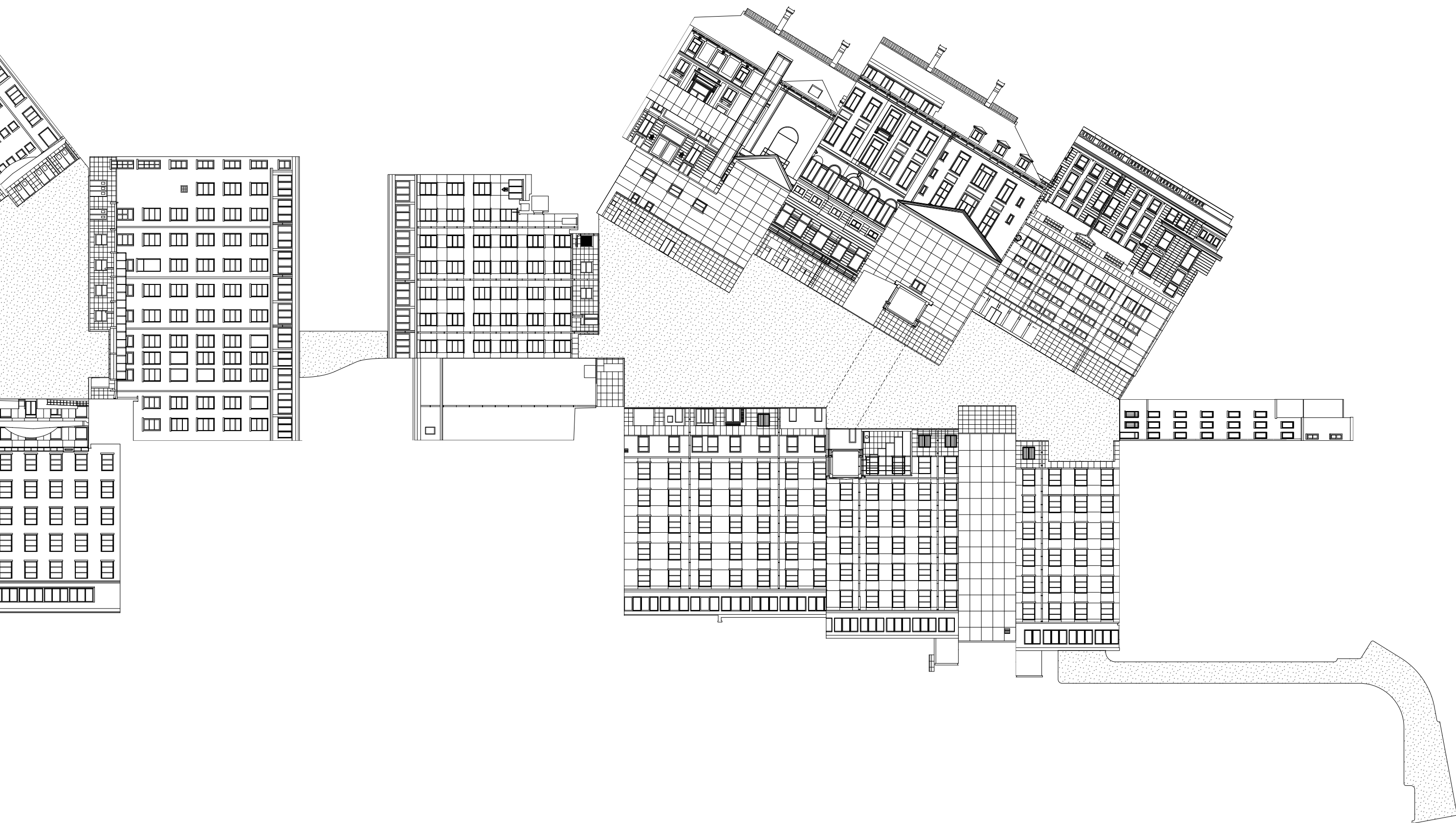
Faces



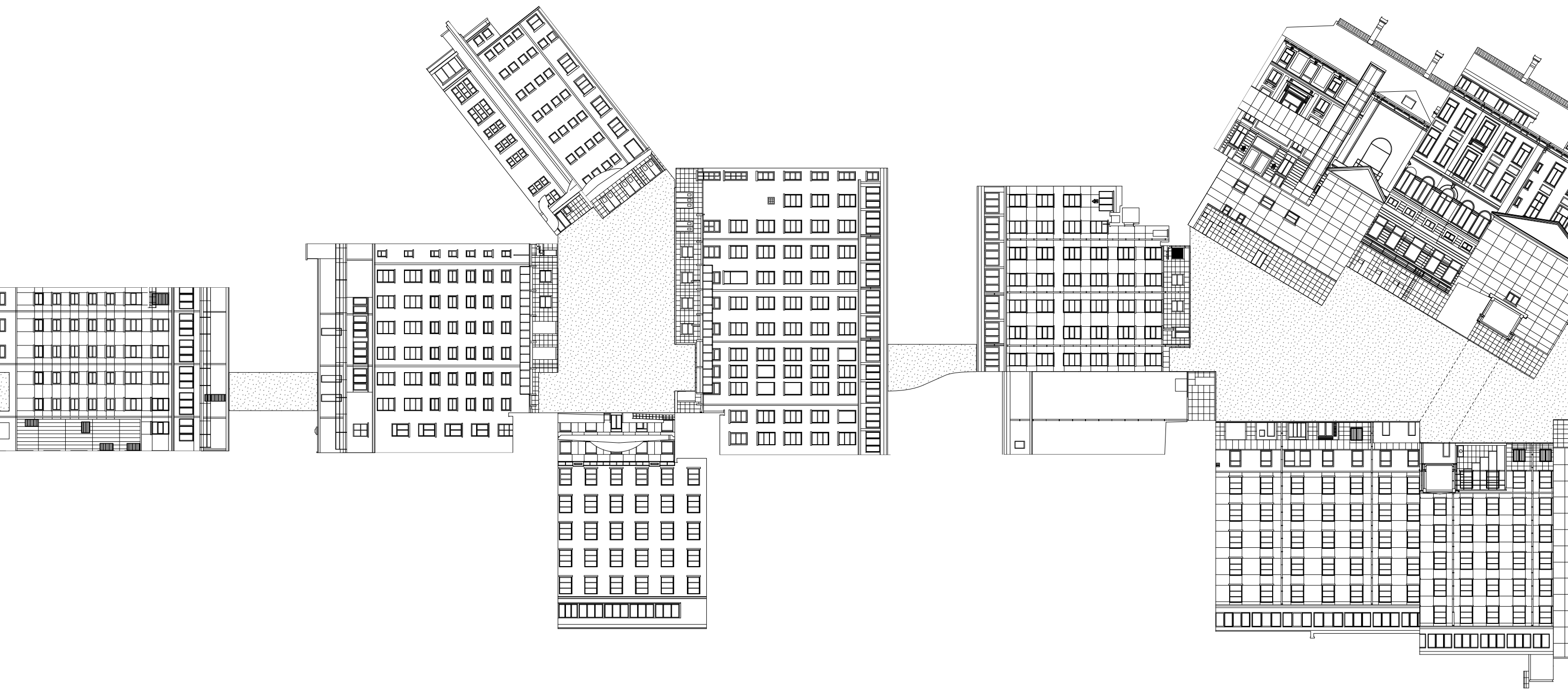
Faces



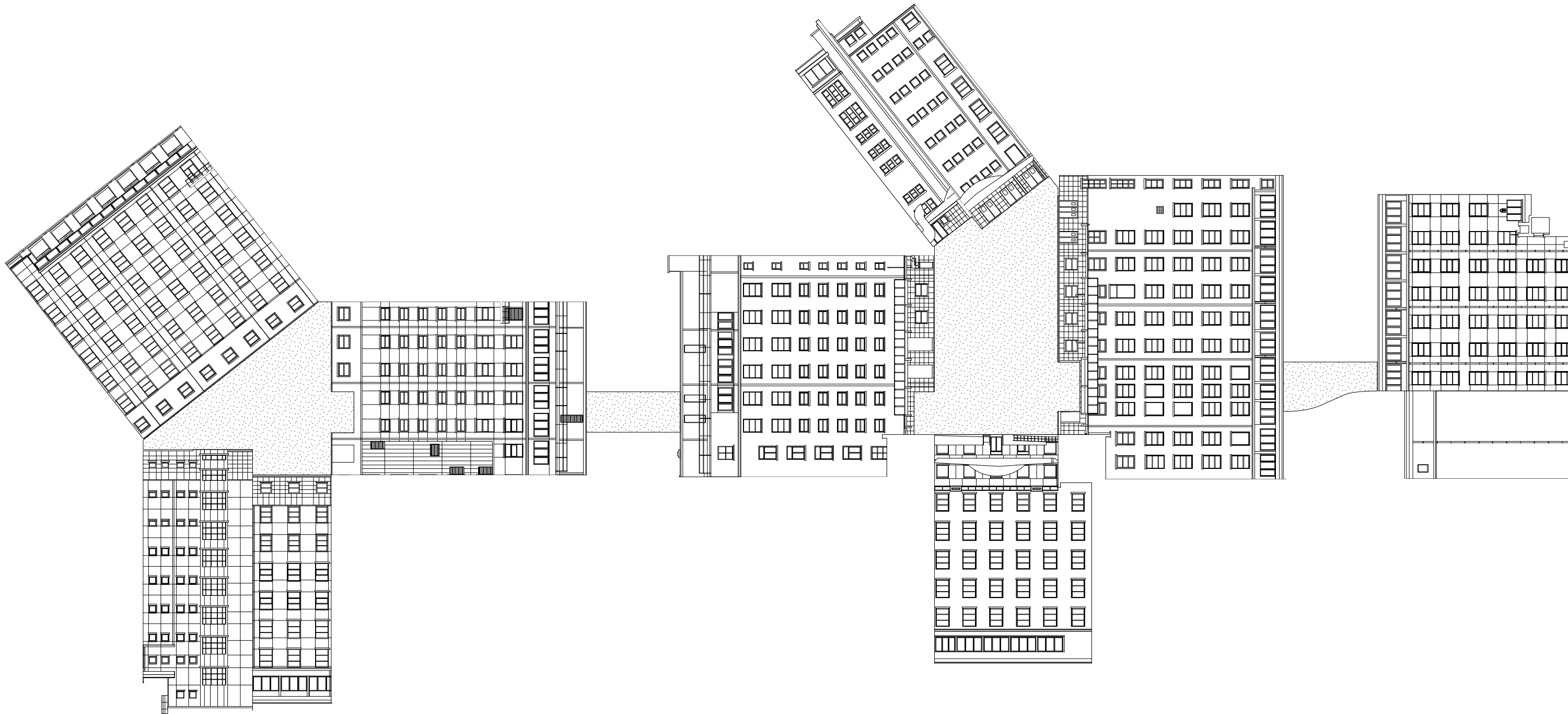
Faces



Faces



Faces



Scenography of the bank



Scenography of the bank



Scenography of the bank



Scenography of the bank



Scenography of the bank



Scenography of the bank



Scenography of the bank

Interior vs Exterior



Scenography of the bank

Interior vs Exterior

Back vs Front



Scenography of the bank
Interior vs Exterior
Back vs Front
Private vs Public





Anna Viebrock, Model &
Fragment, Berlin, 2019.

Work with the materials at hand.

Work with the materials at hand.
Heal by stitching together.

Work with the materials at hand.
Heal by stitching together.
Create new scenographies with
interventions.

Work with the materials at hand.
Heal by stitching together.
Create new scenographies with
interventions.
Change the bank's current
introvert meaning.

Brief:

Total 12260 m²

120m² HR

Crisis centre
150m²

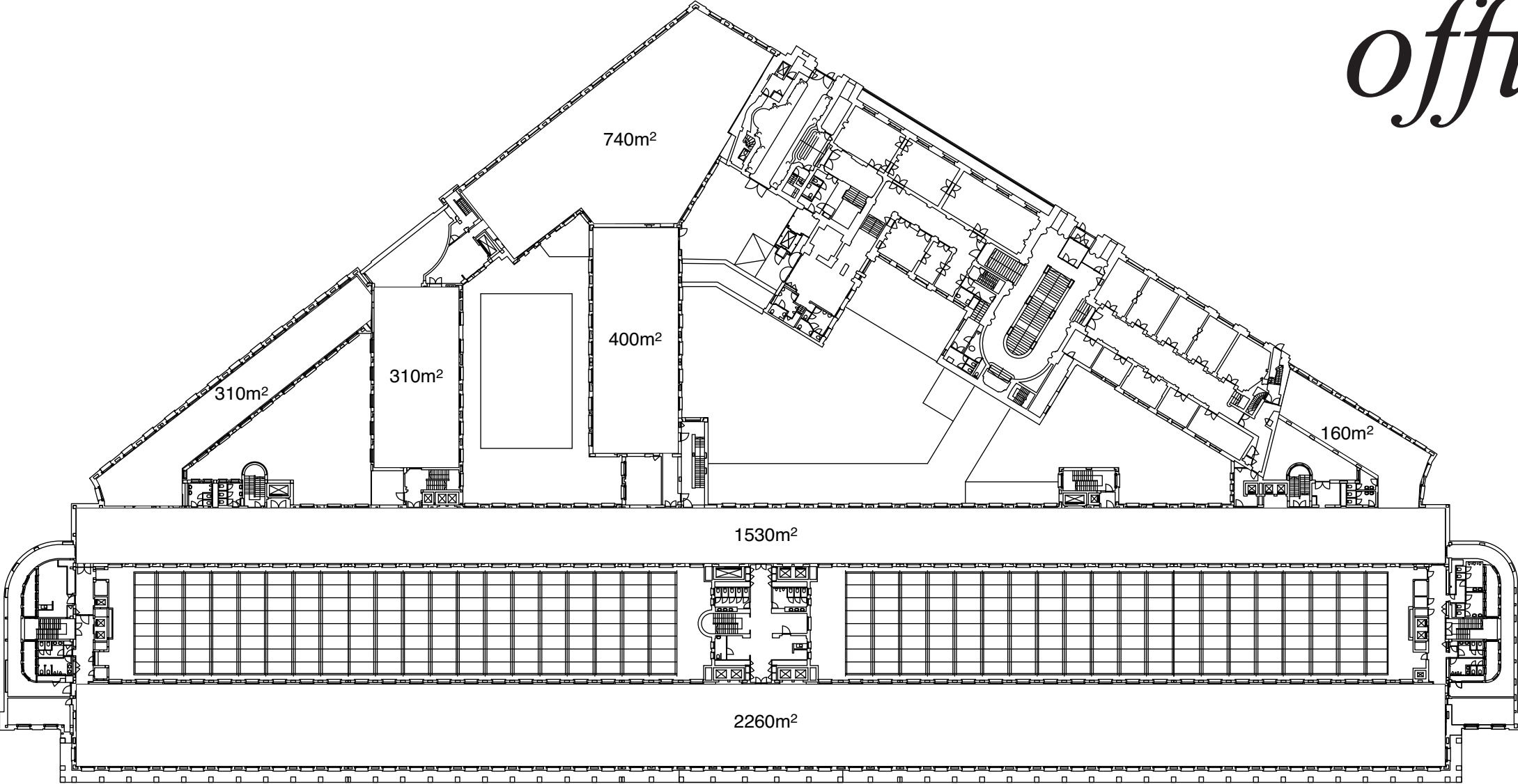
Trading Hall
240m²

Office
85 seats
300m²

Lockers
+ wardrobe
300m²

Office
6 managers
400m²

Meeting rooms
400m²



Office
1500 desks
10500m²

Brief: office

drawing number 100

subject ground floor plan
scale 1:750 A3
date 21/12/28

Total 4300 m²

Brief: service

IT

400m²

Workshop

450m²

Print shop

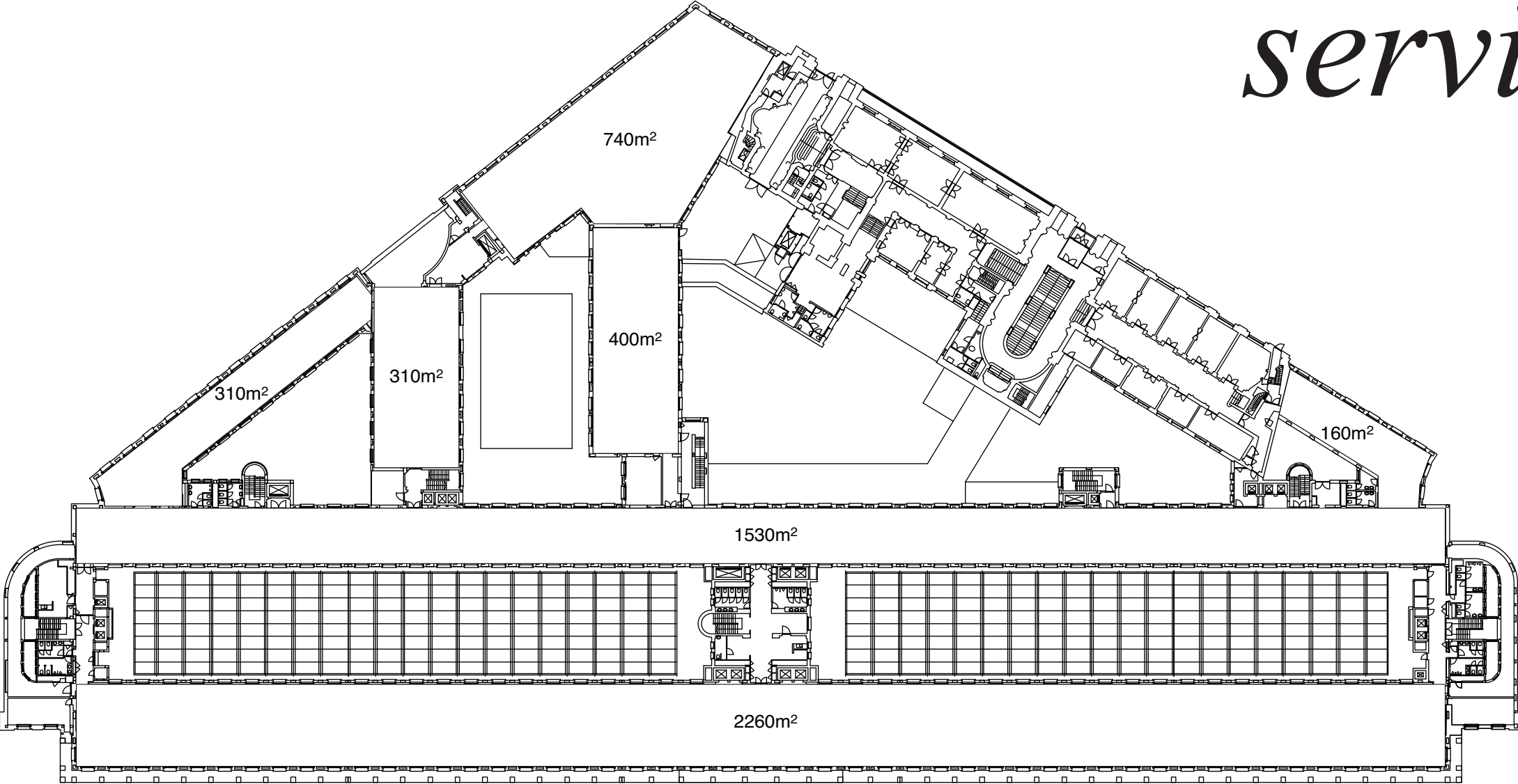
450m²

Central archives

1000m²

Storage

2000m²



drawing number 100

subject ground floor plan
scale 1:750 A3
date 21/12/28

Brief: “public”

Total 8950 m²

Exhibition
300m²

Auditorium
350m²

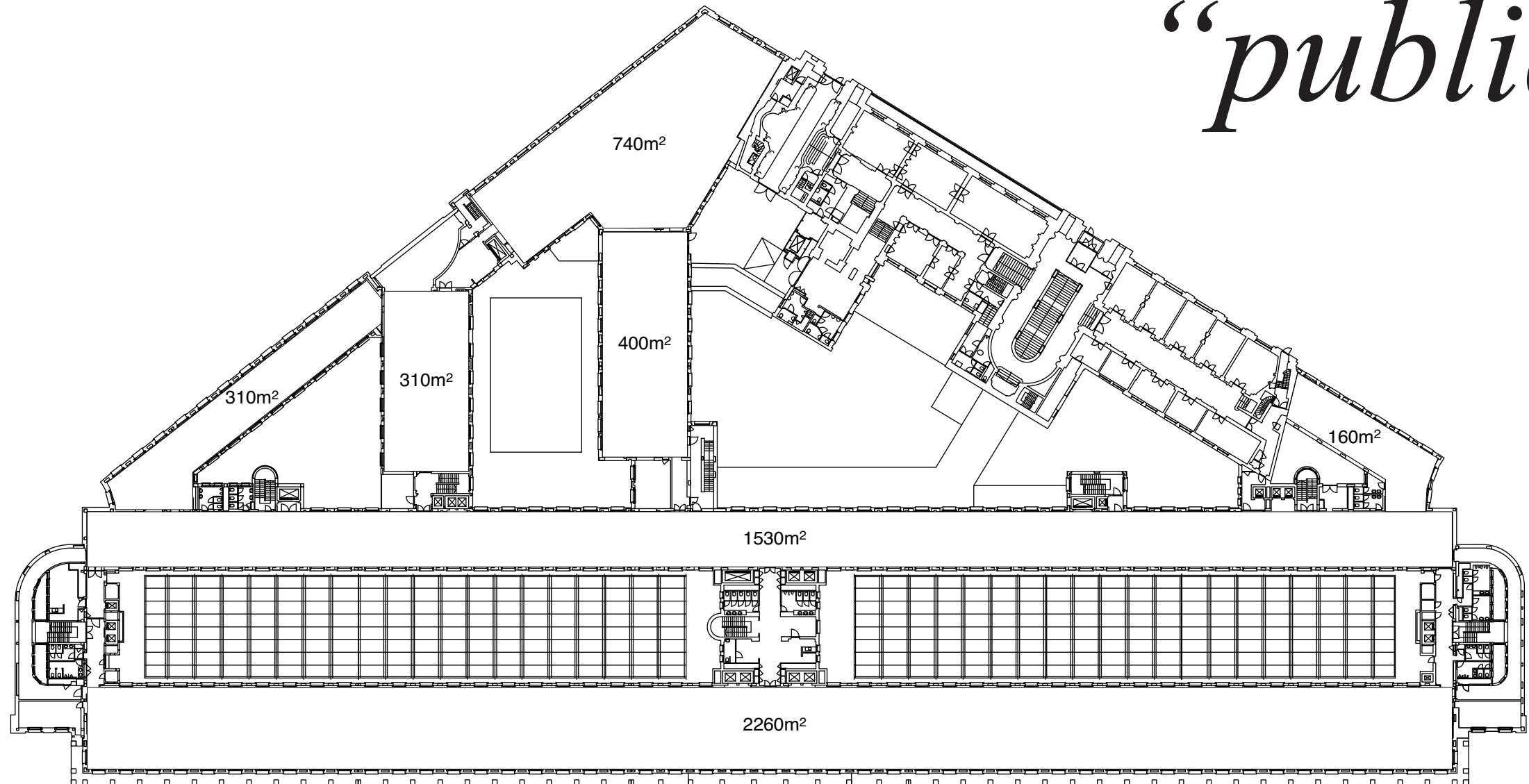
Library
500m²

Nursery
500m²

Gym
500m²

Restaurant
560 seats
800m²

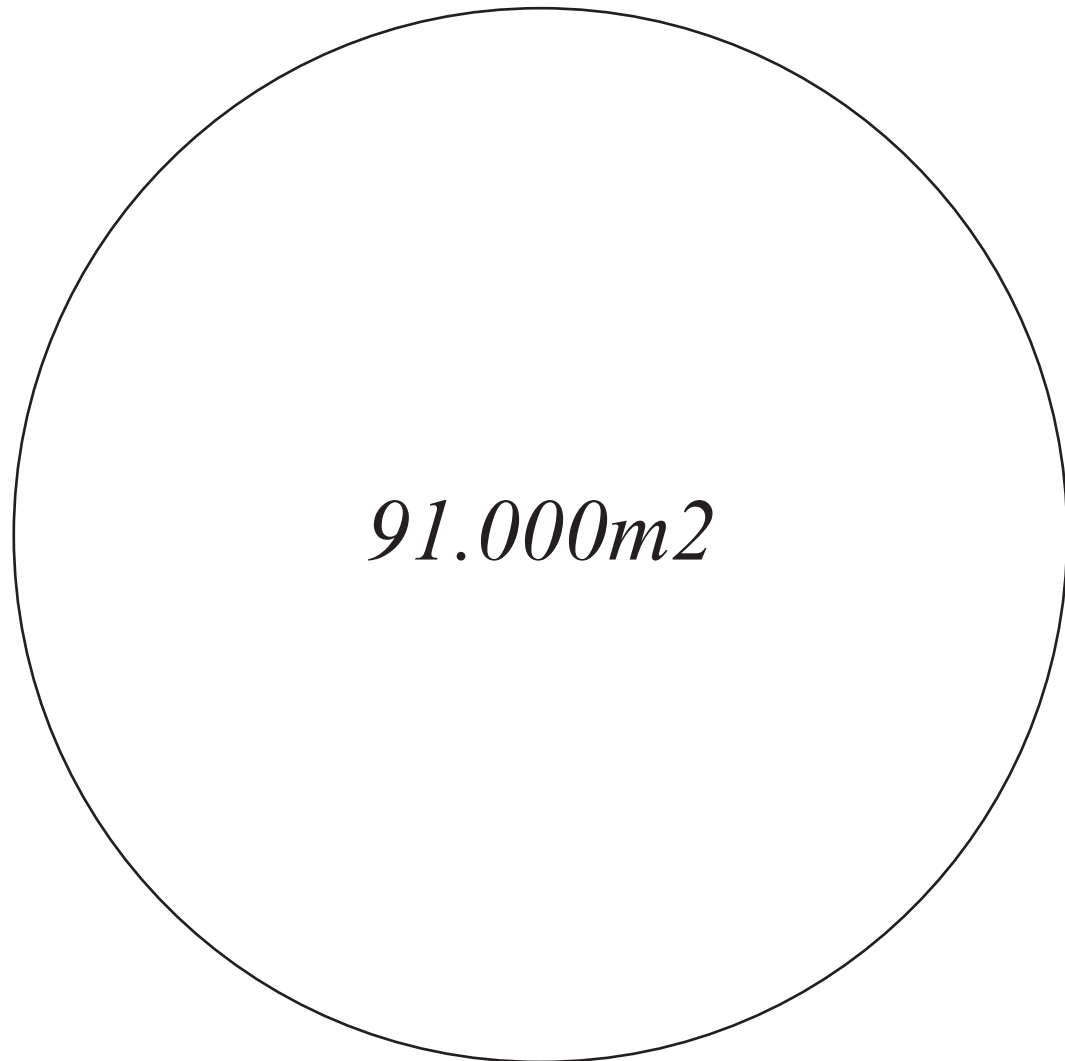
Rental
office
6000m²



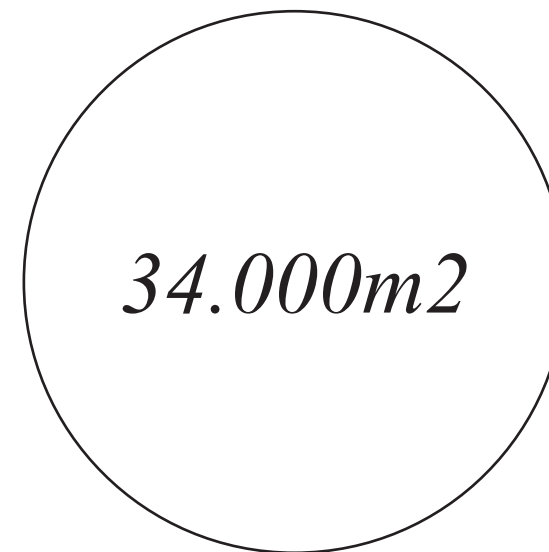
drawing number 100

subject ground floor plan
scale 1:750 A3
date 21/12/28

Bank



Brief



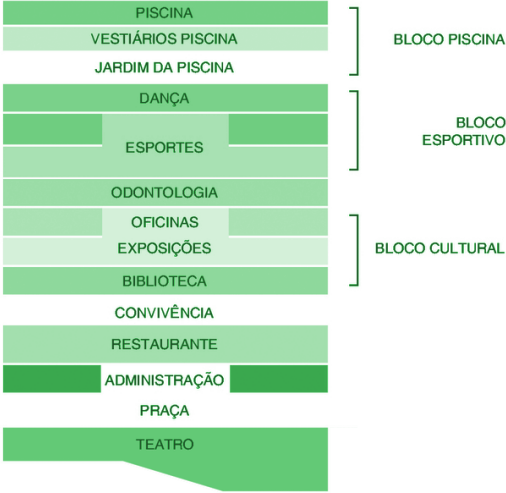
*How can the bank take on a new
role for the city of Brussels?*

Brief statement

*Open the bank for public
Providing space for the city*

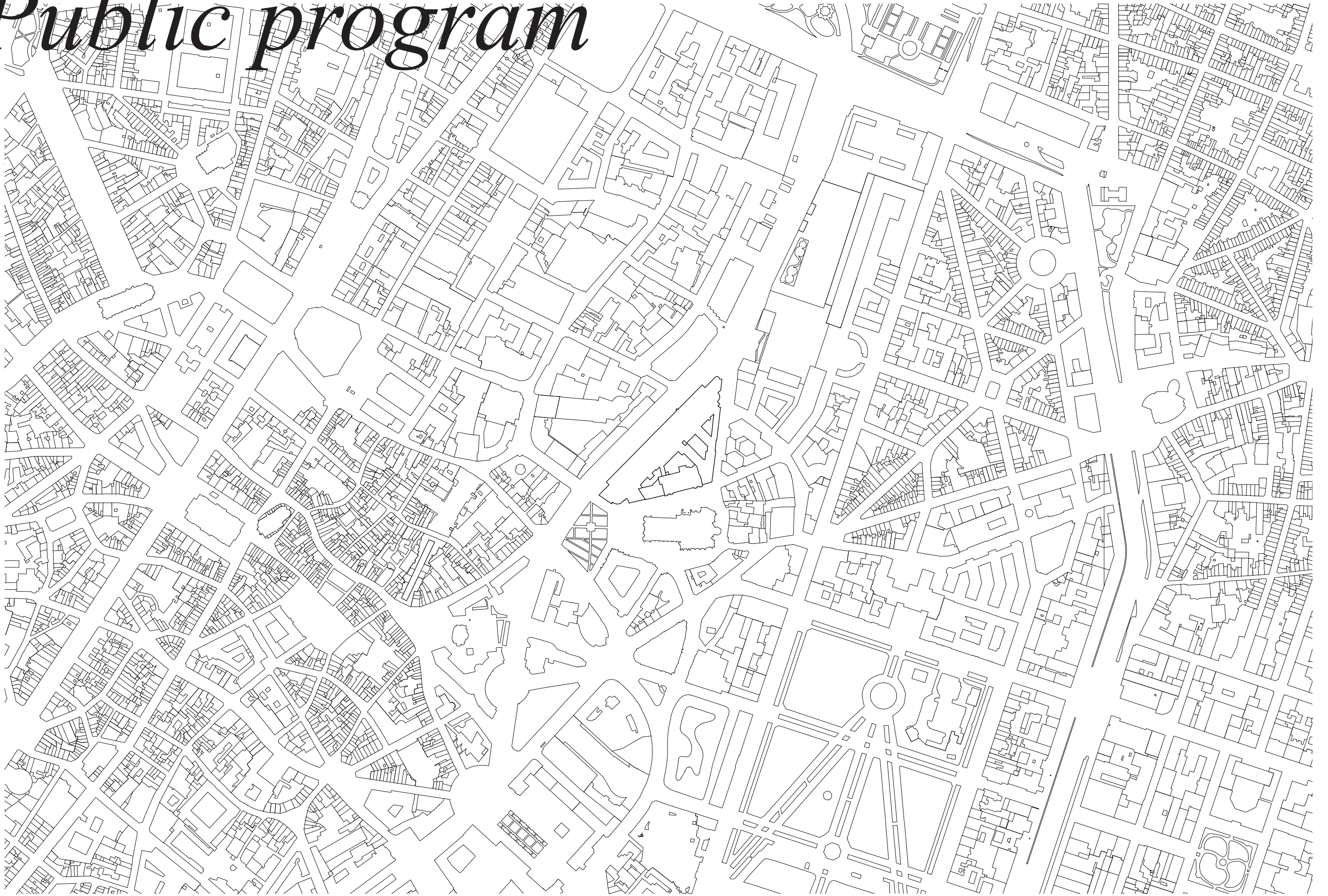


SESC

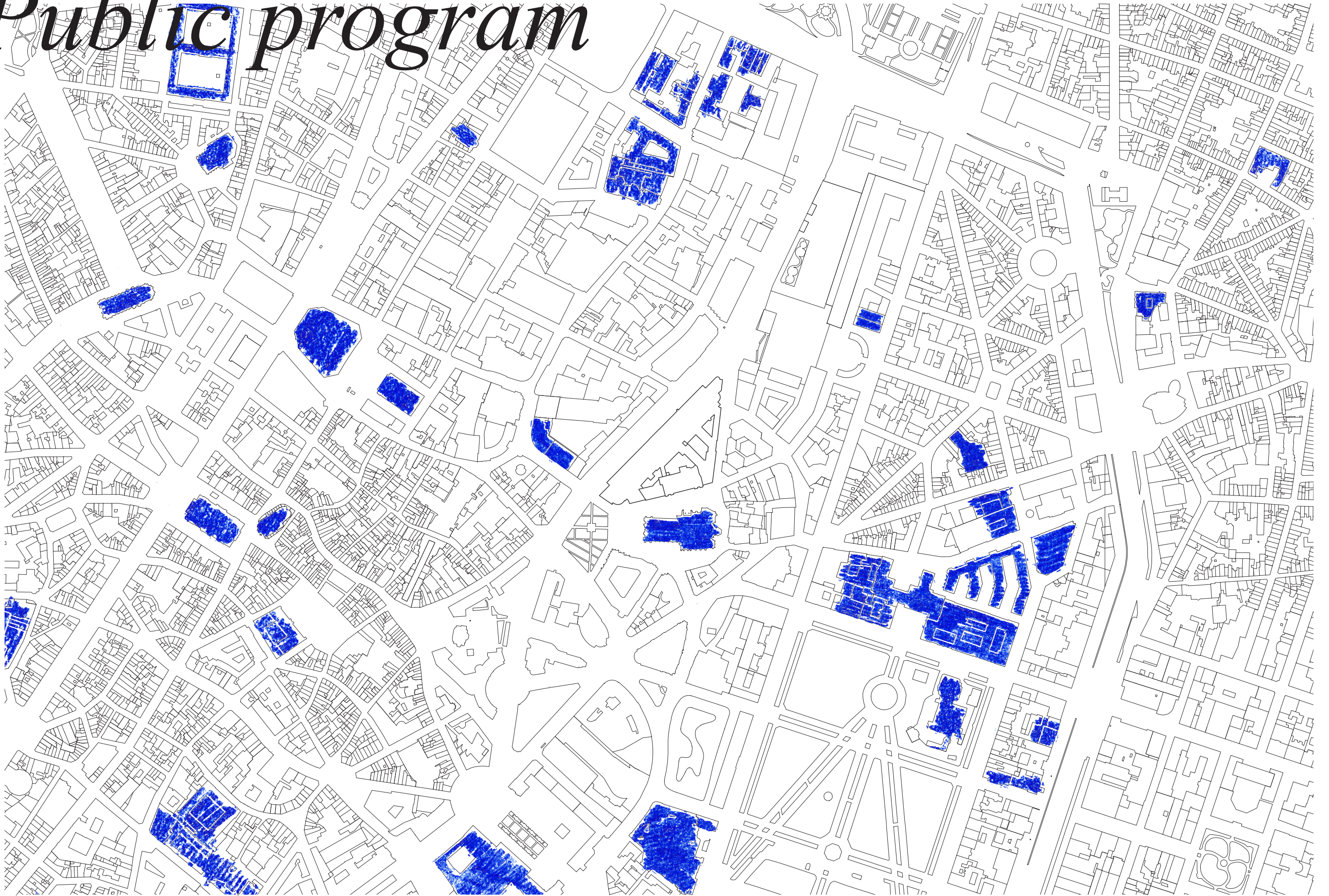


Paulo Mendes da Rocha, SESC
Sao Paulo, 2017

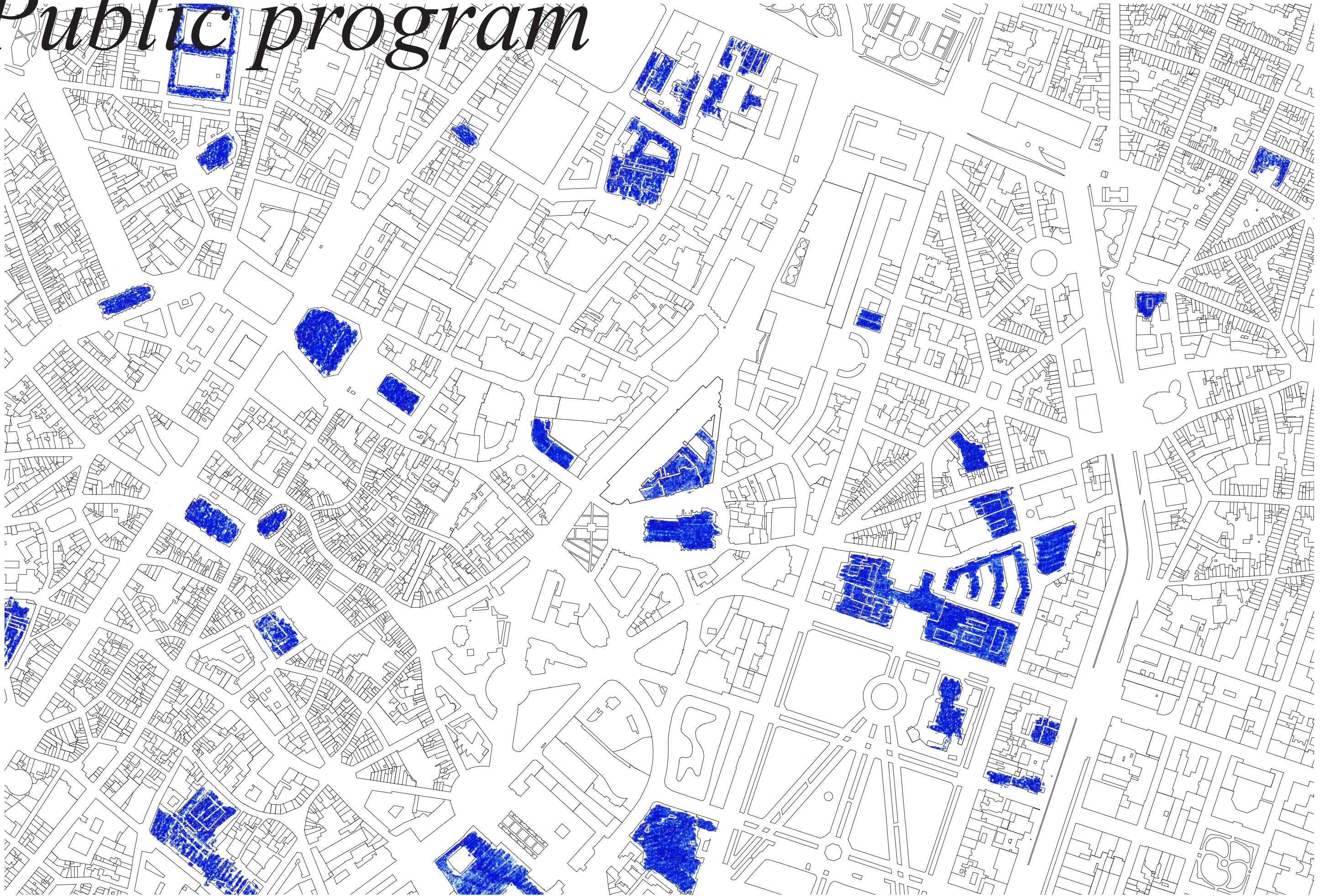
Public program



Public program

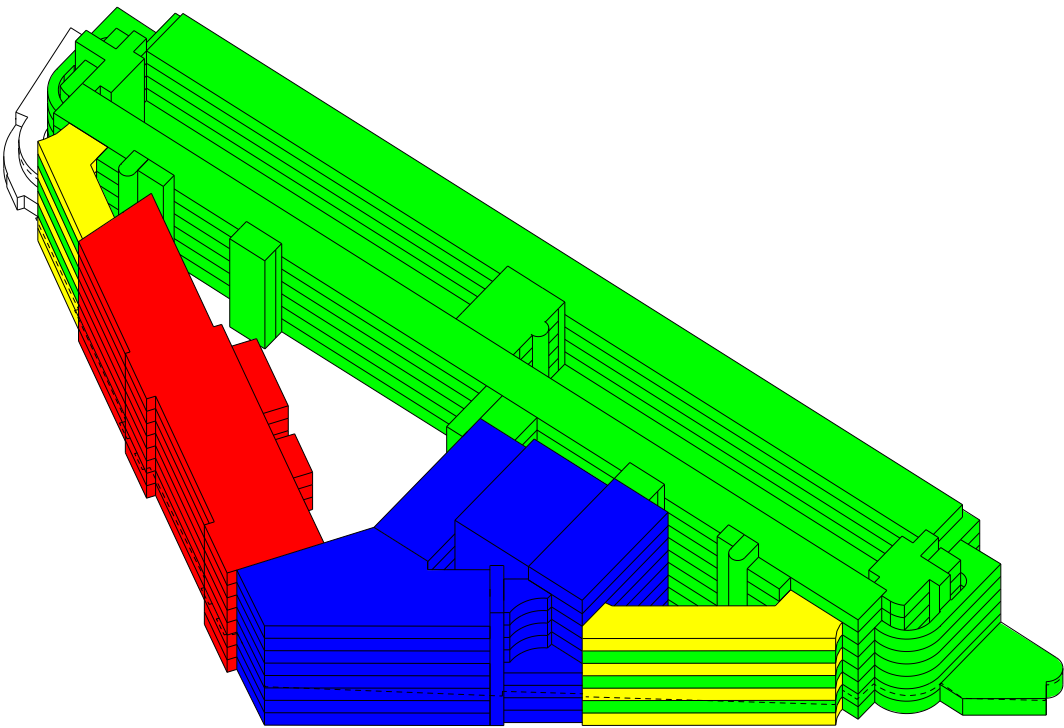


Public program

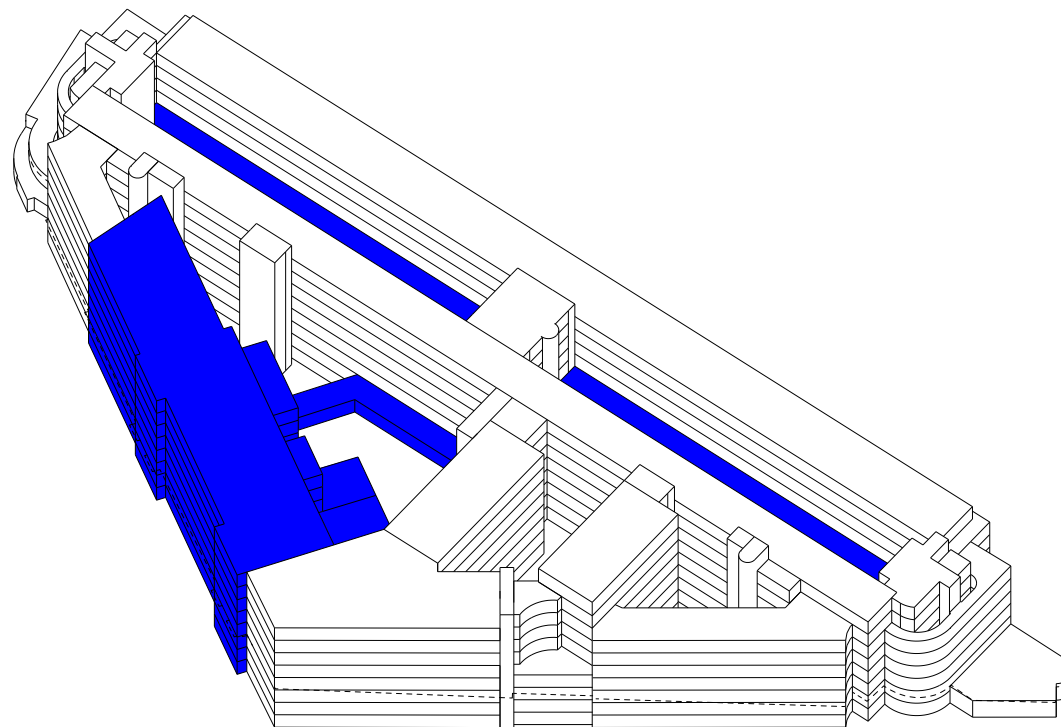


Program

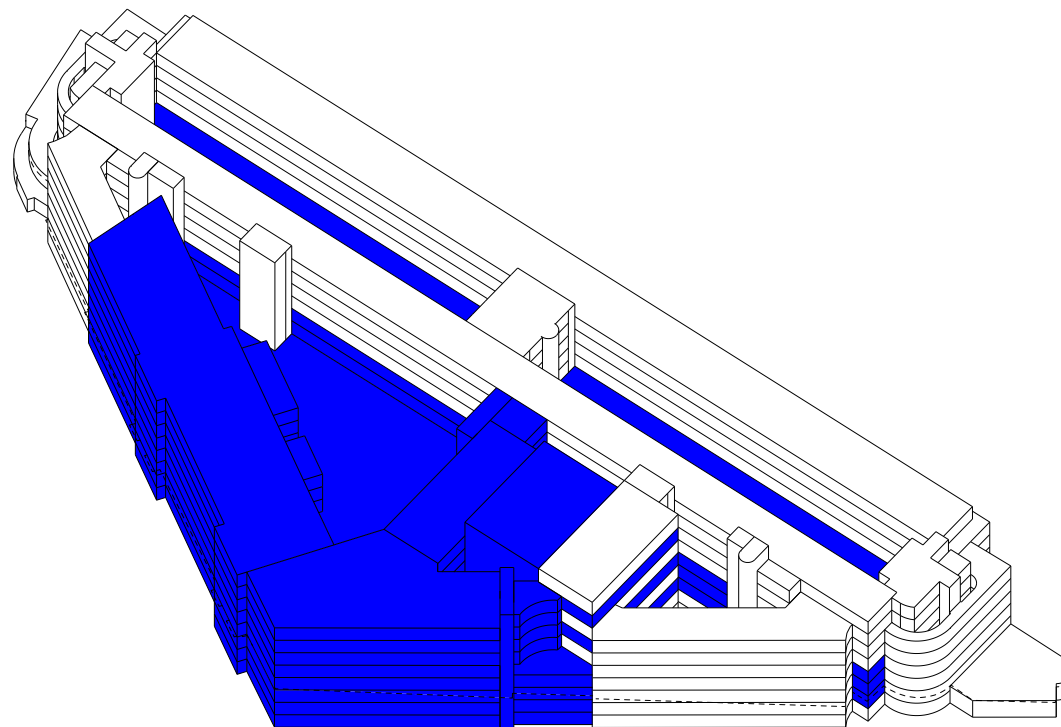
Bank offices	38070 m ²
Flex offices	3460 m ²
Cultural centre	14560 m ²
Museum	2860 m ²

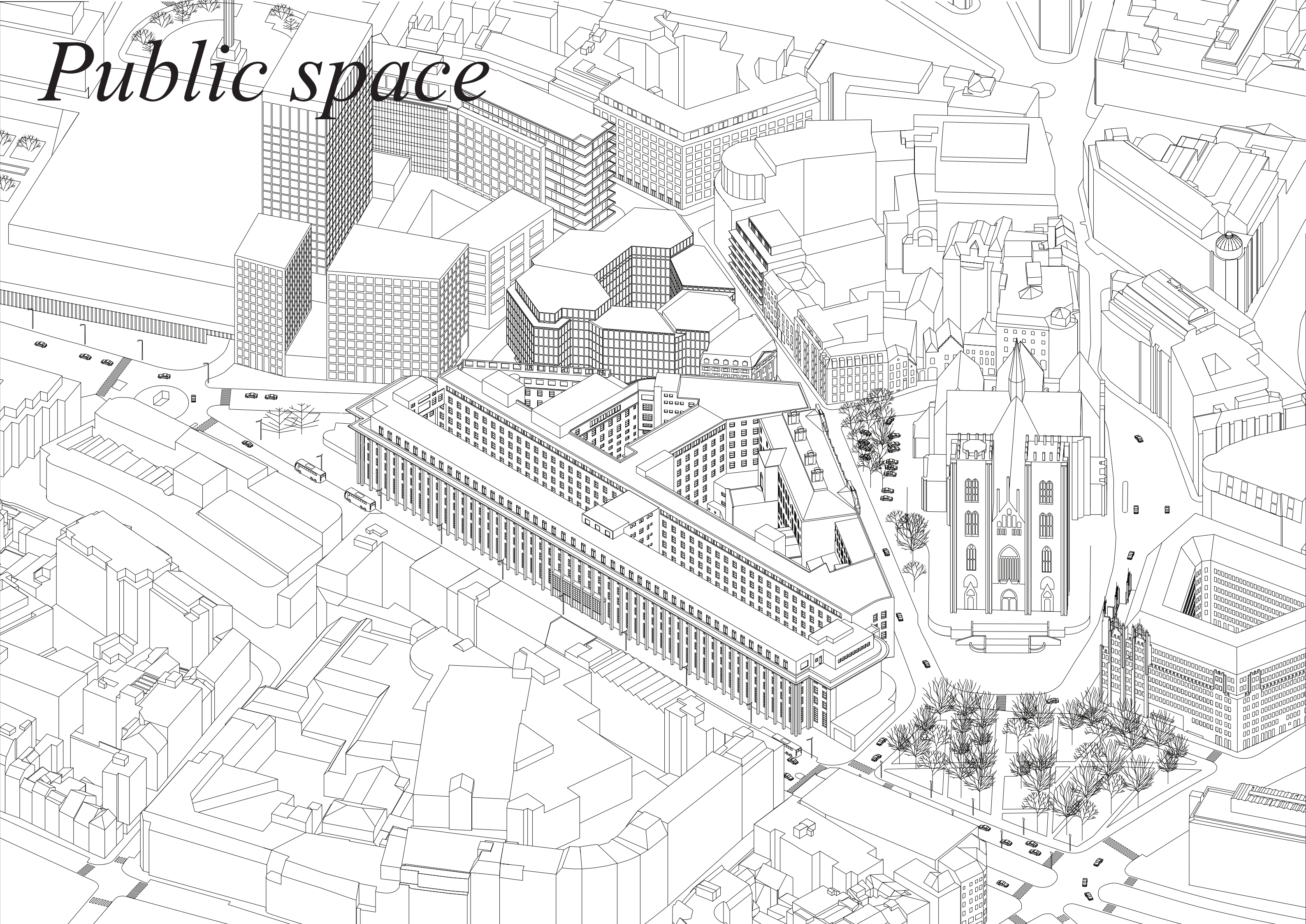


Public access

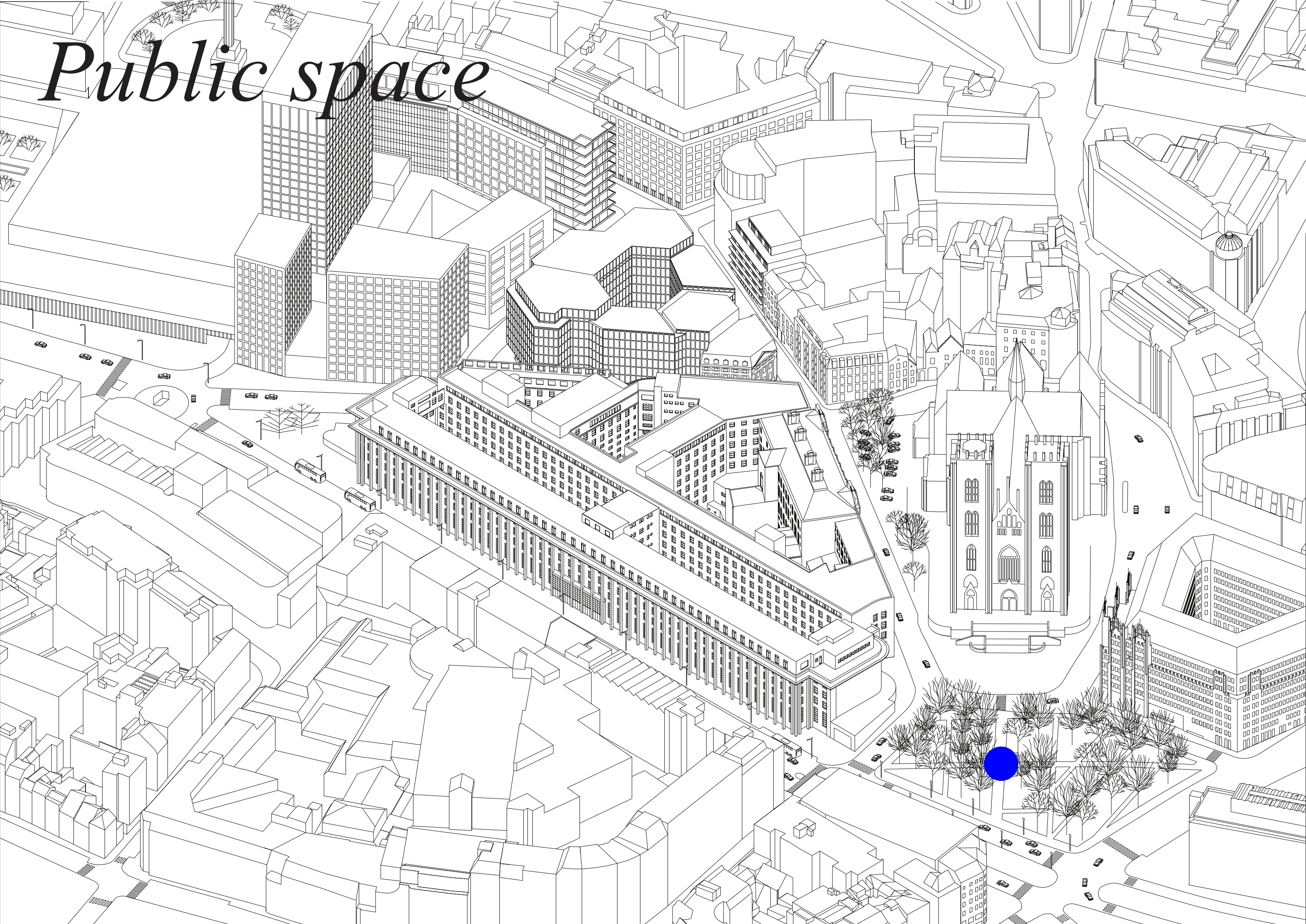


Public access





Public space

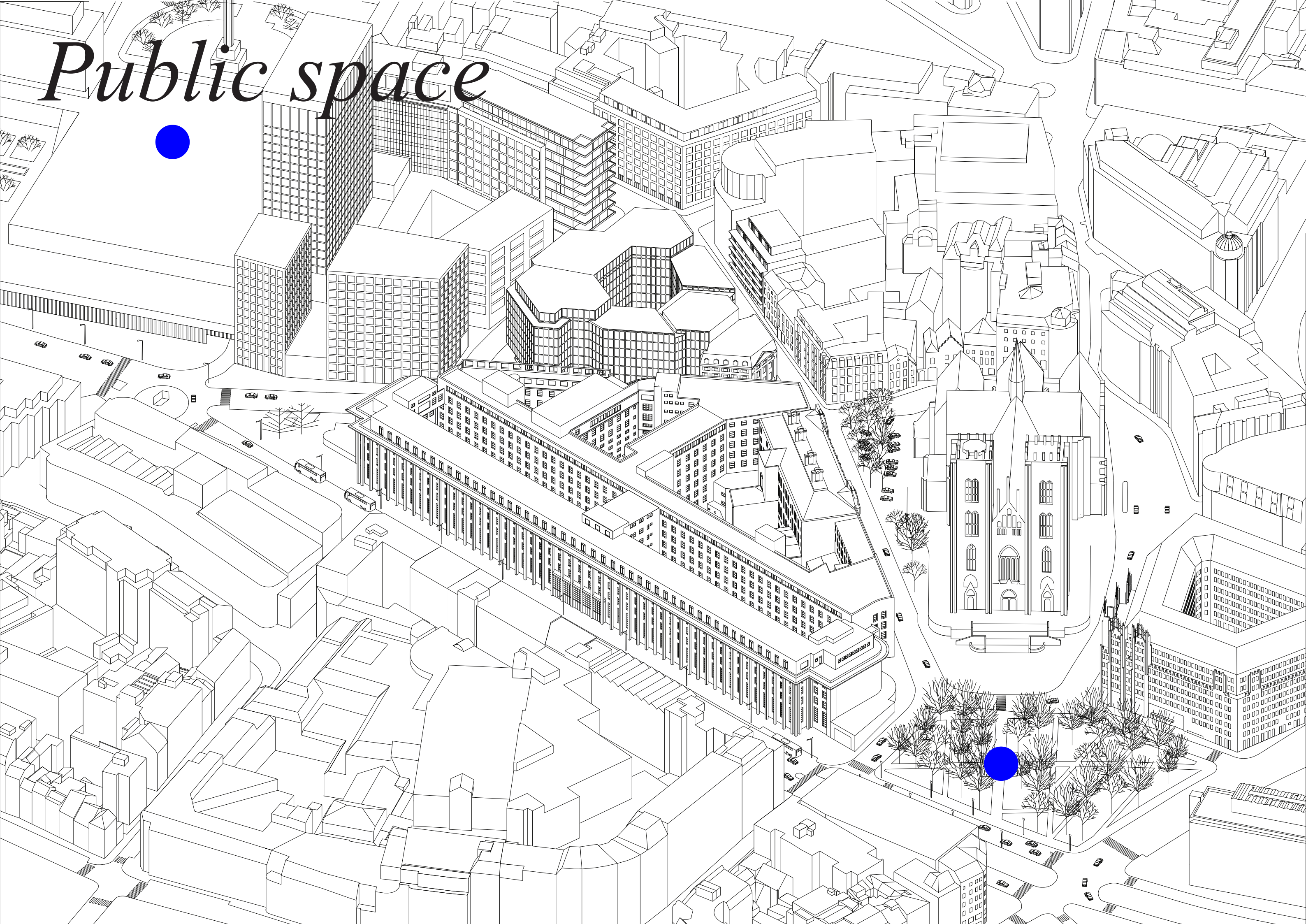


Public space

Public space



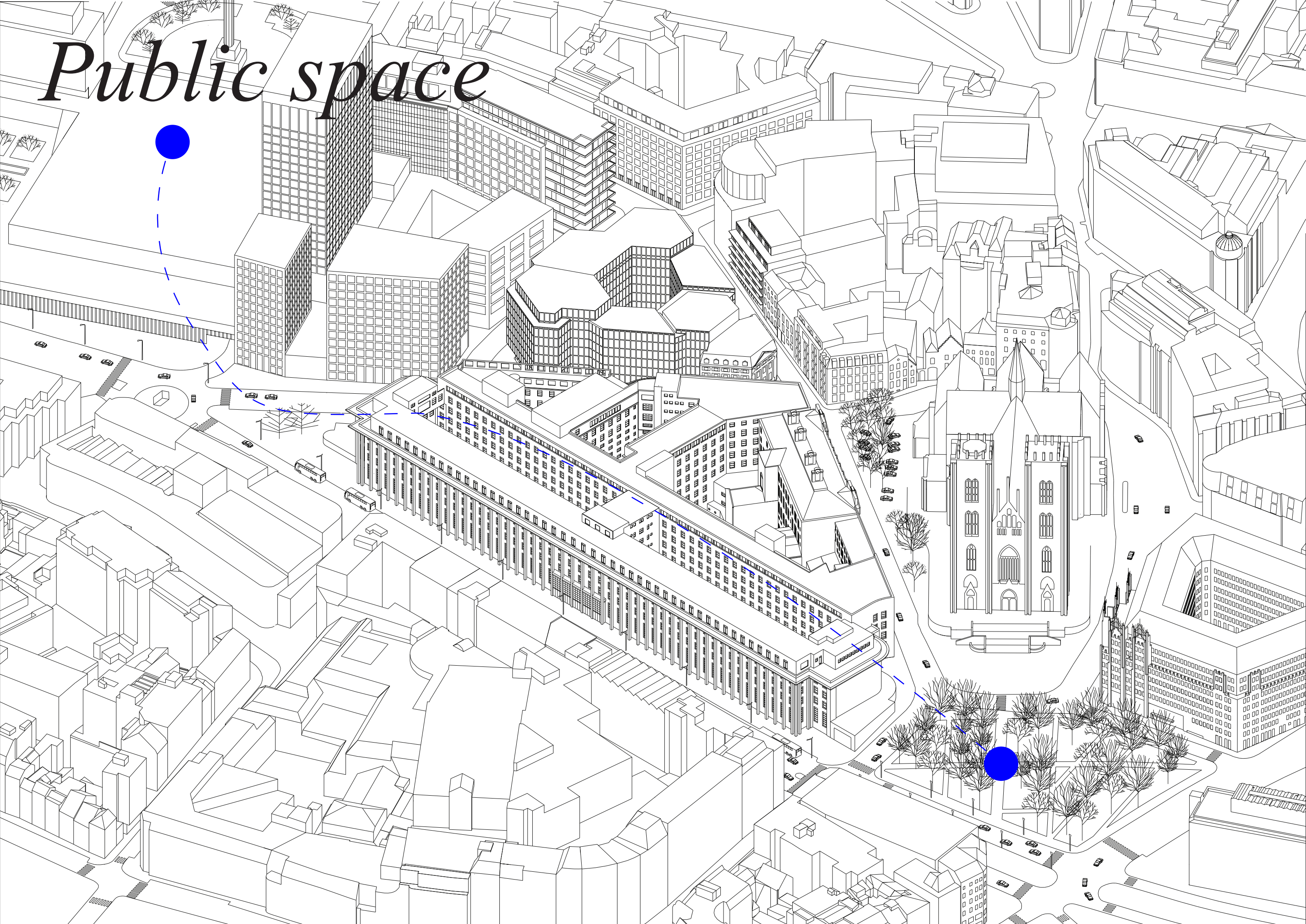
Public space

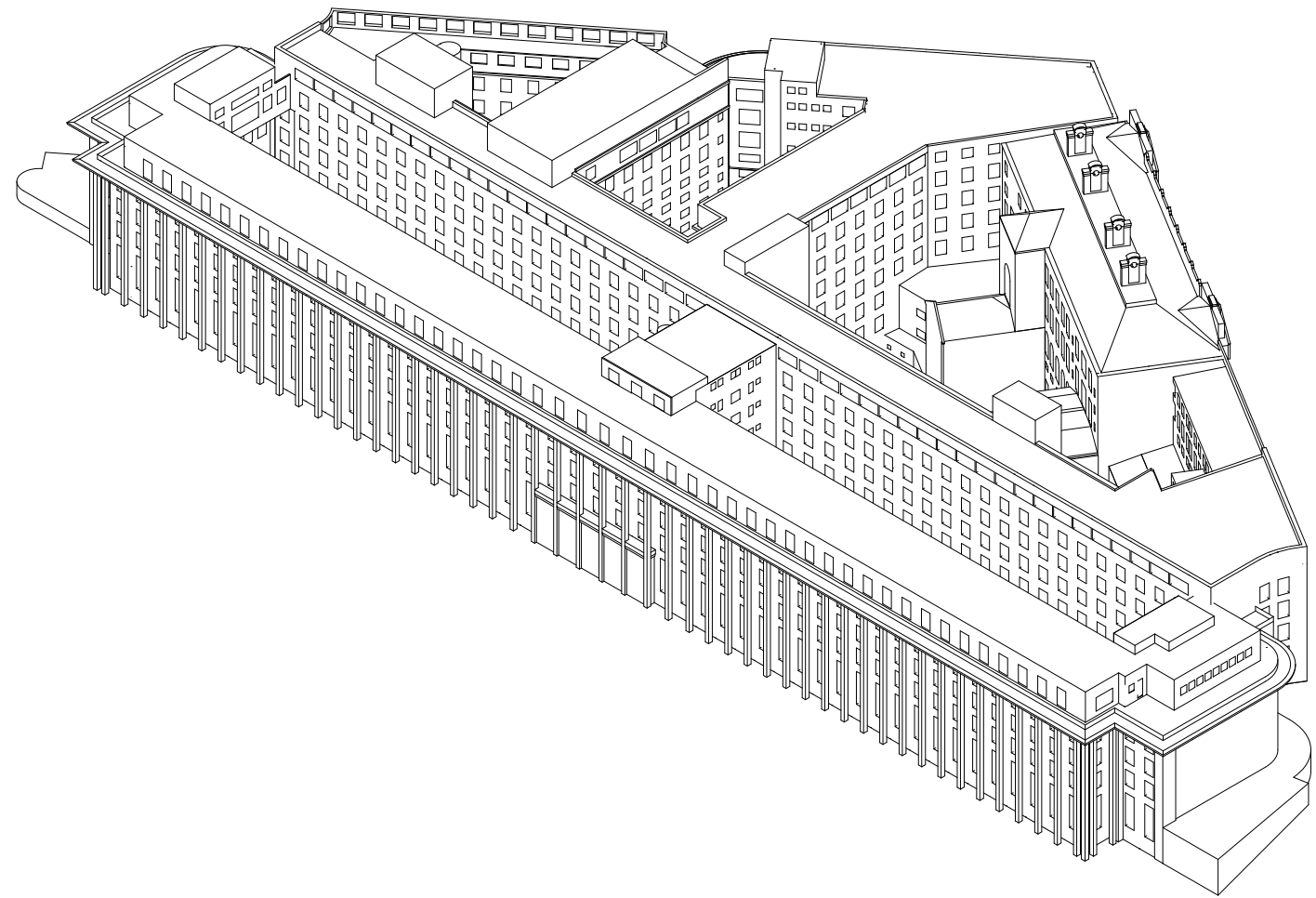


Public space

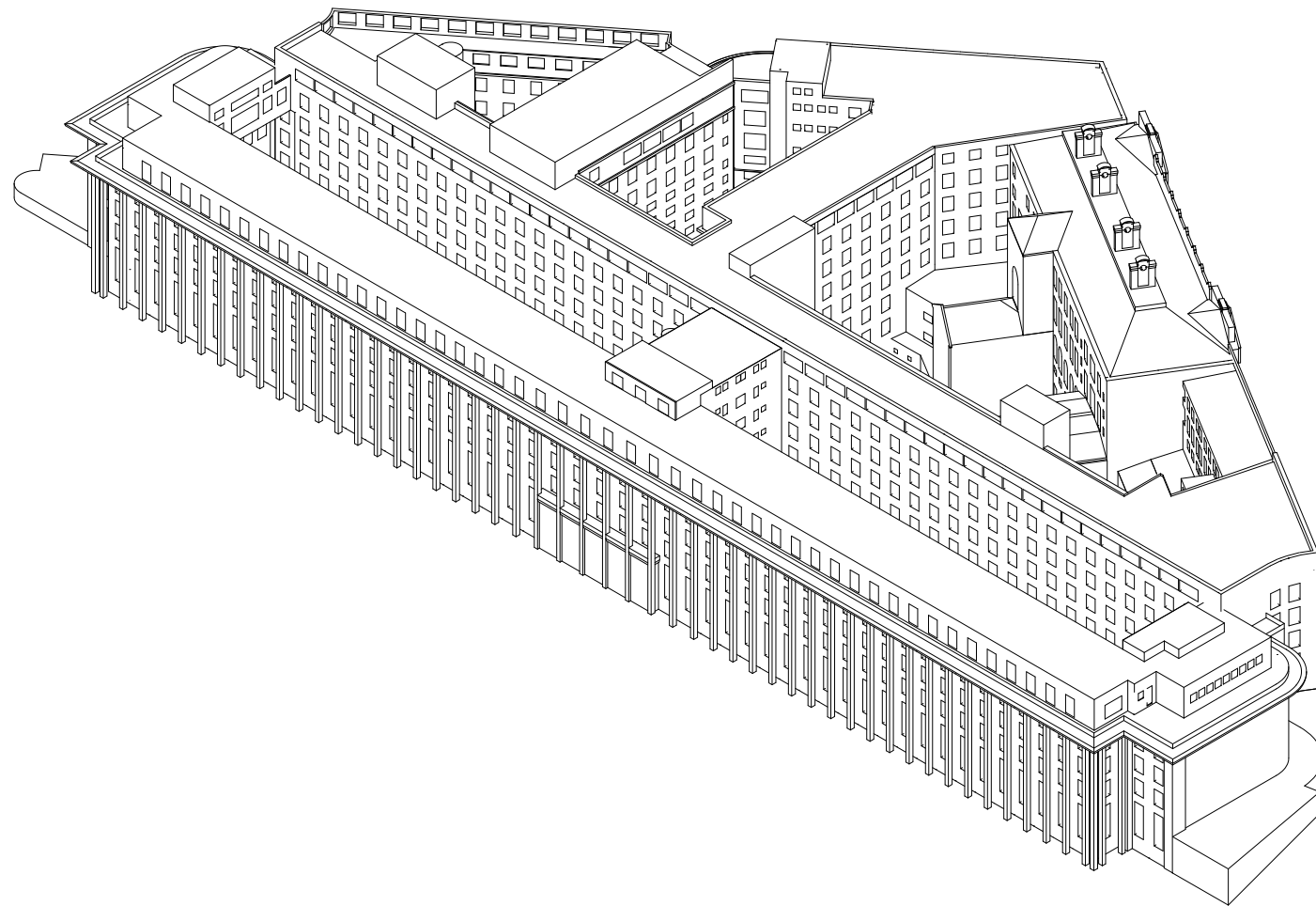


Public space

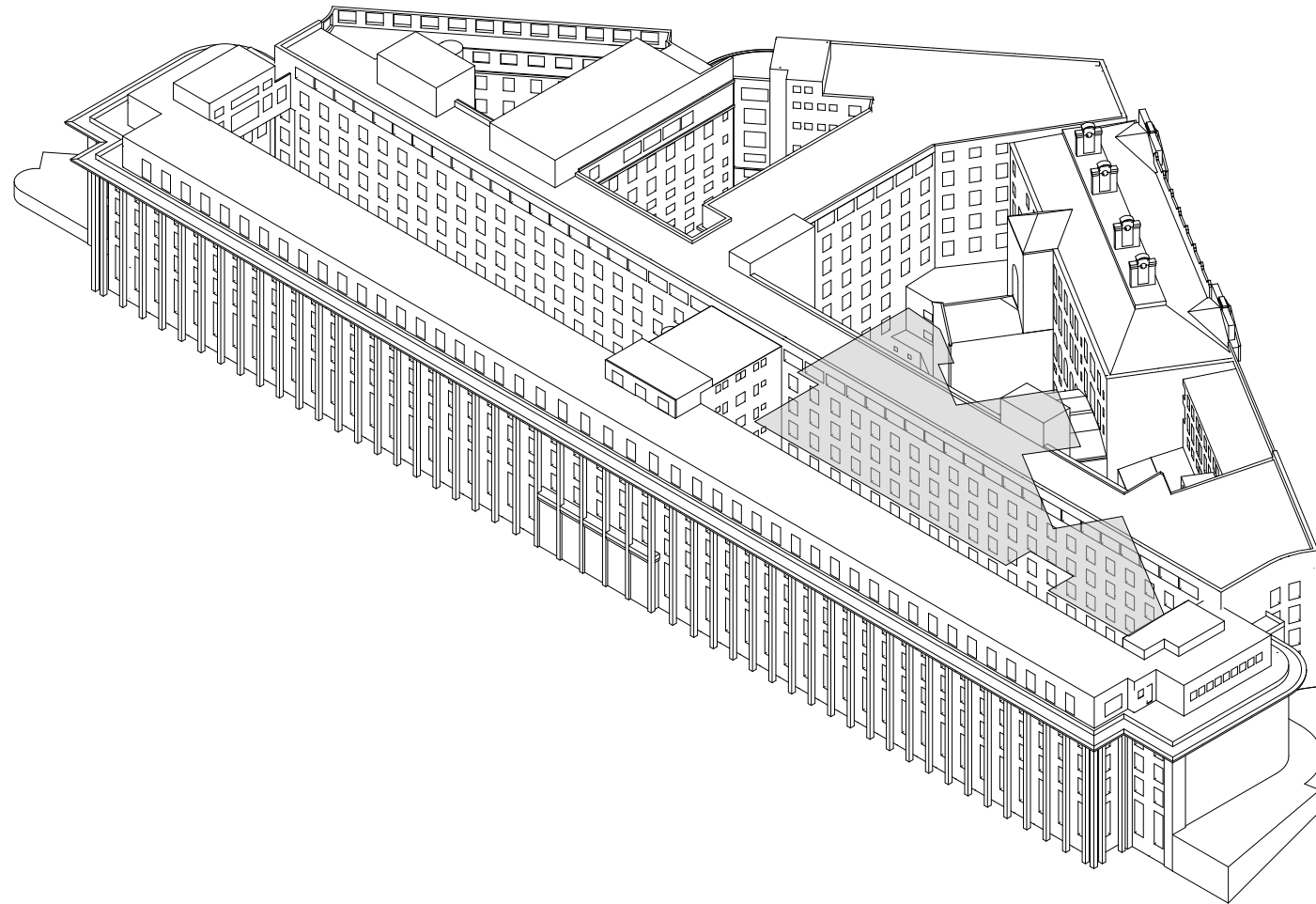




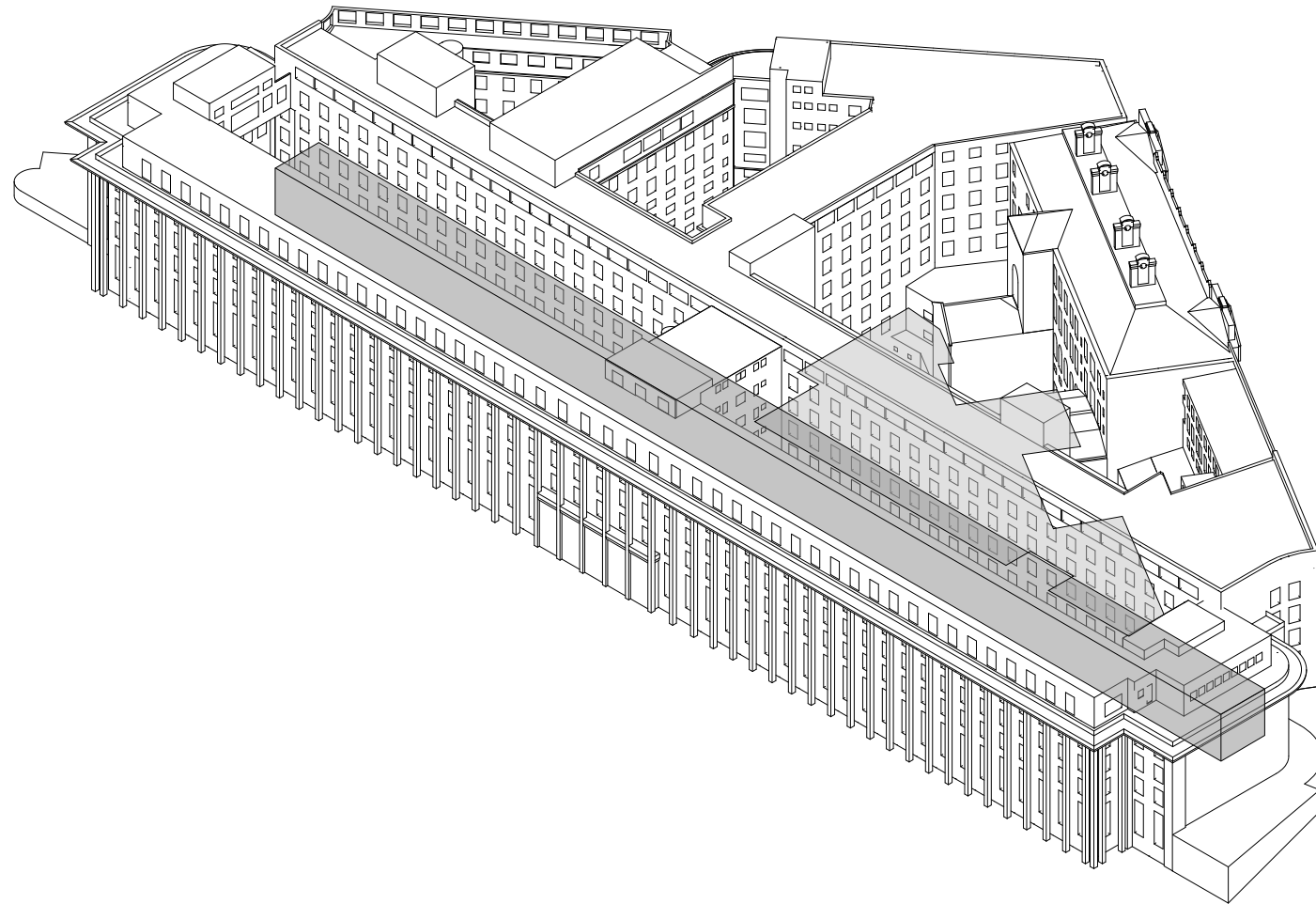
Interventions:



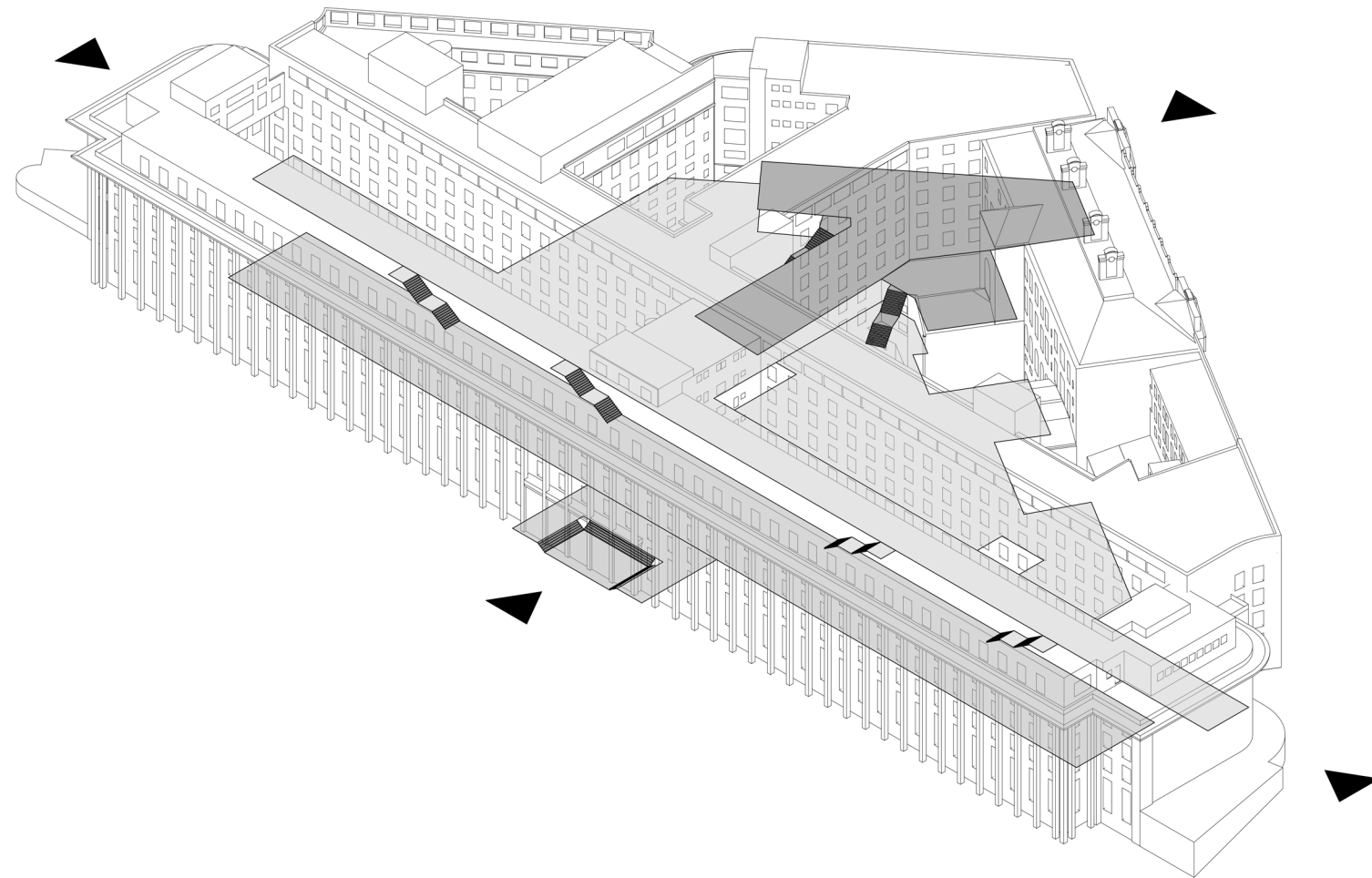
Raising



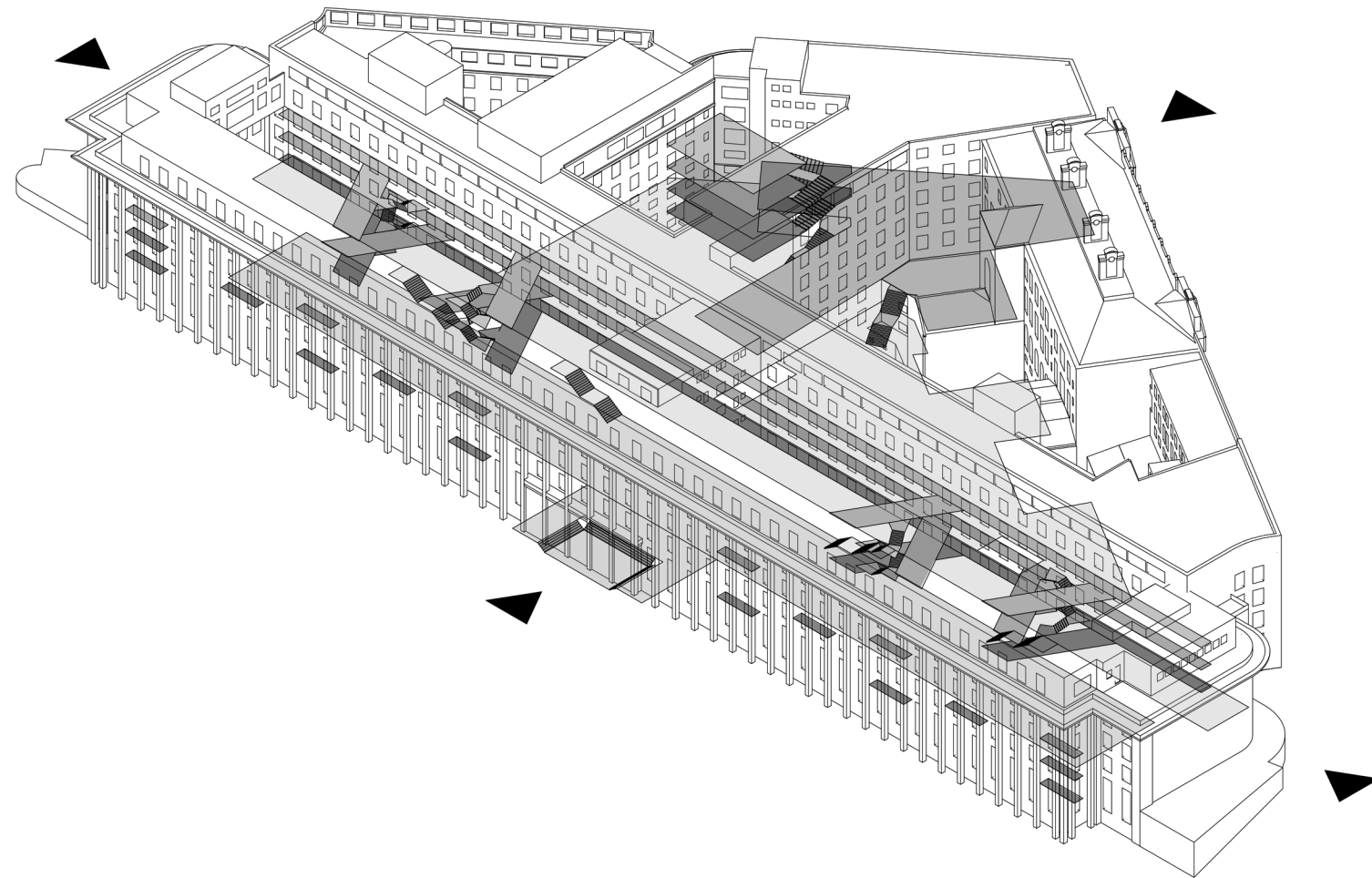
Cutting



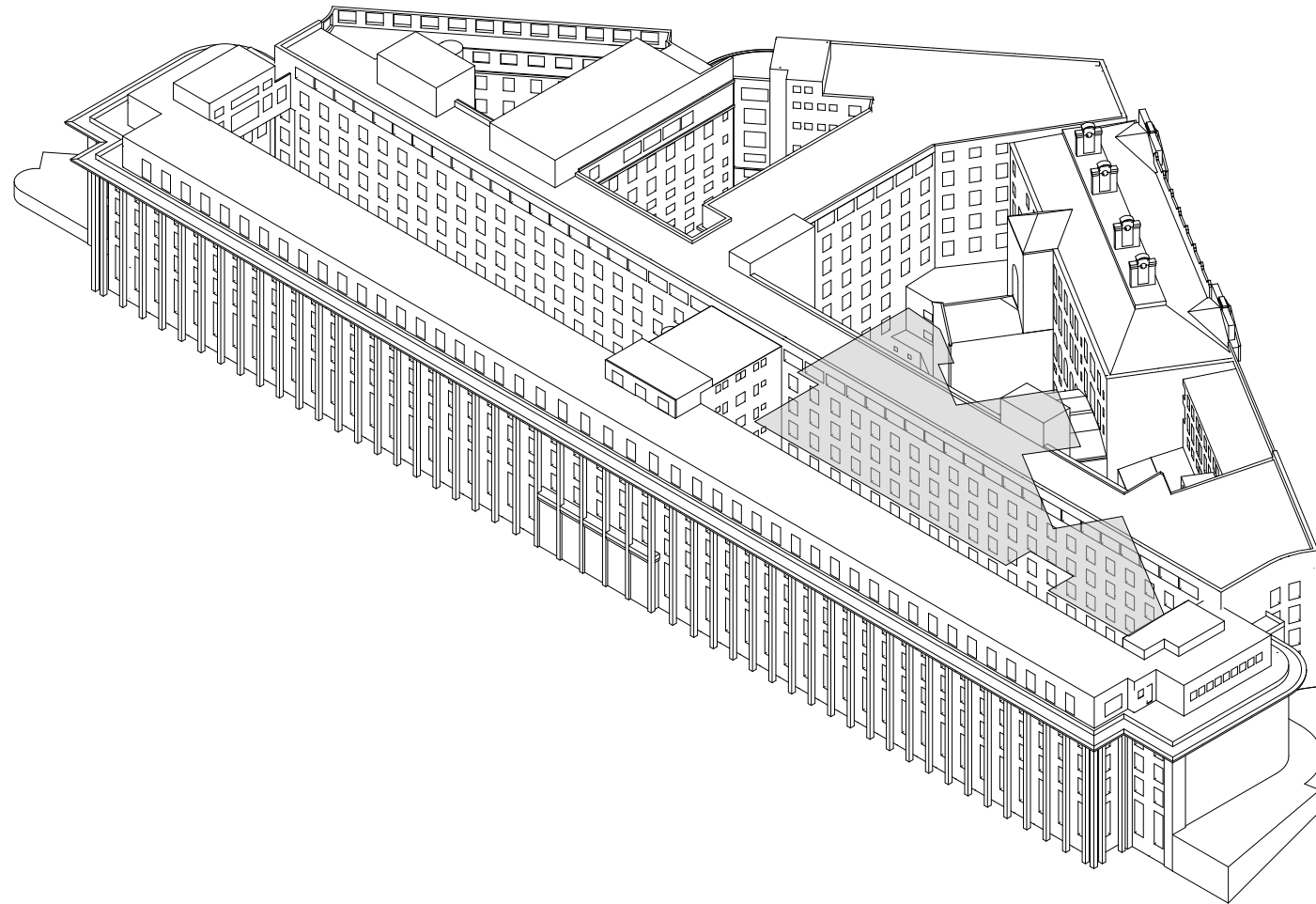
Stitching



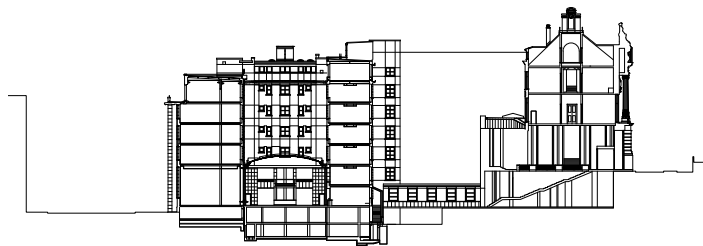
Stitching



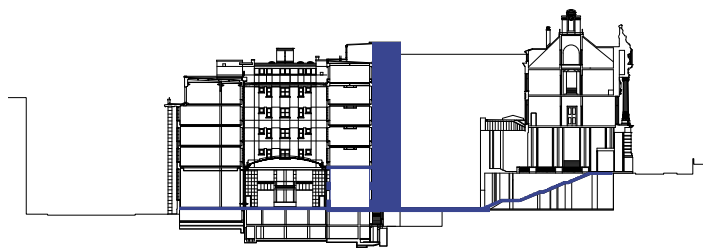
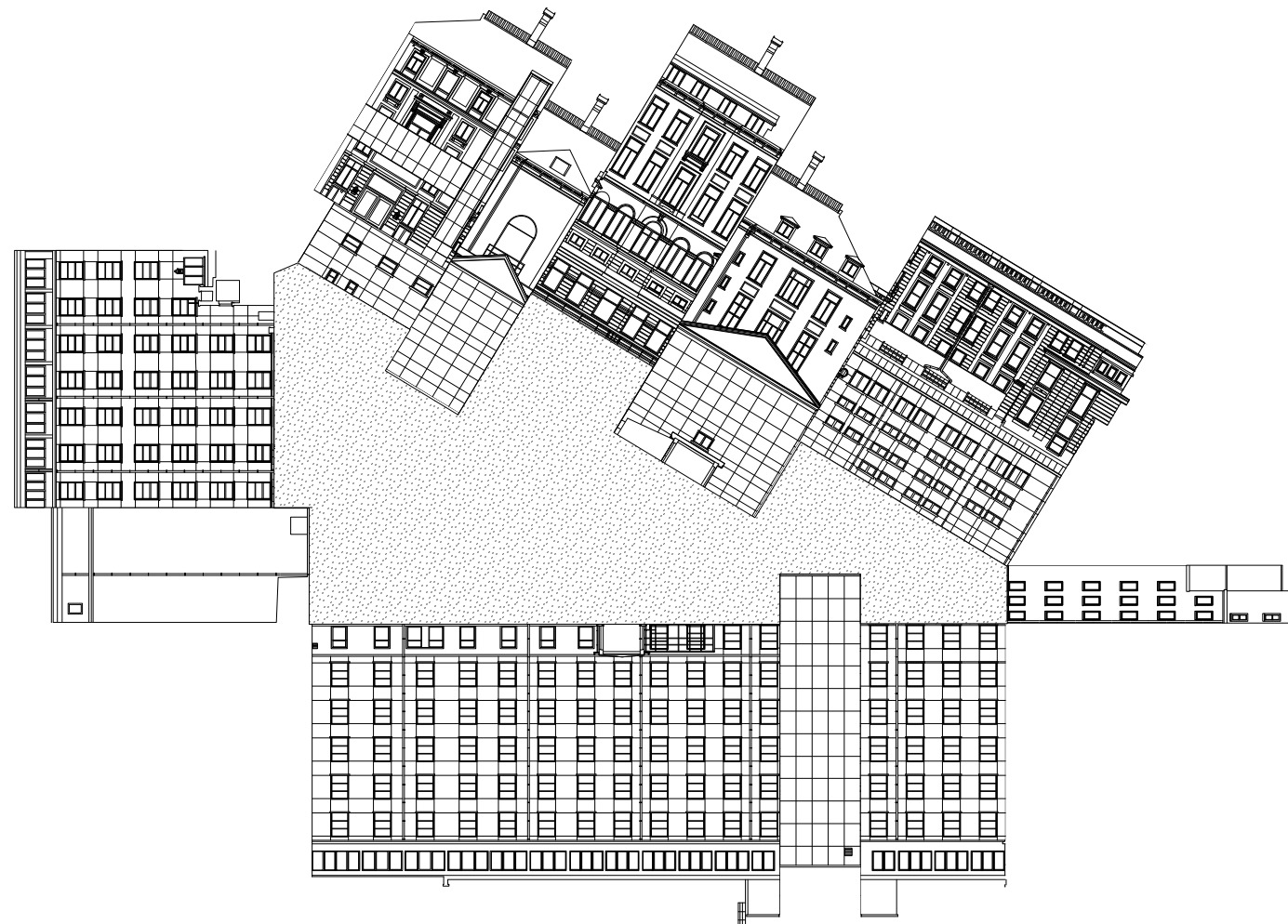
Raising



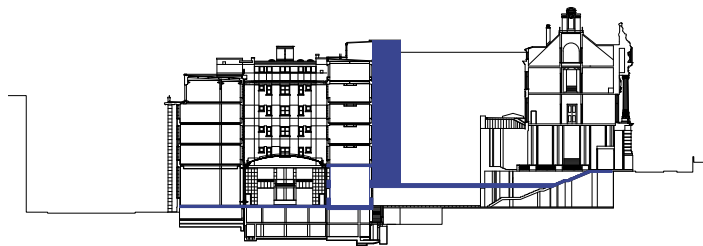
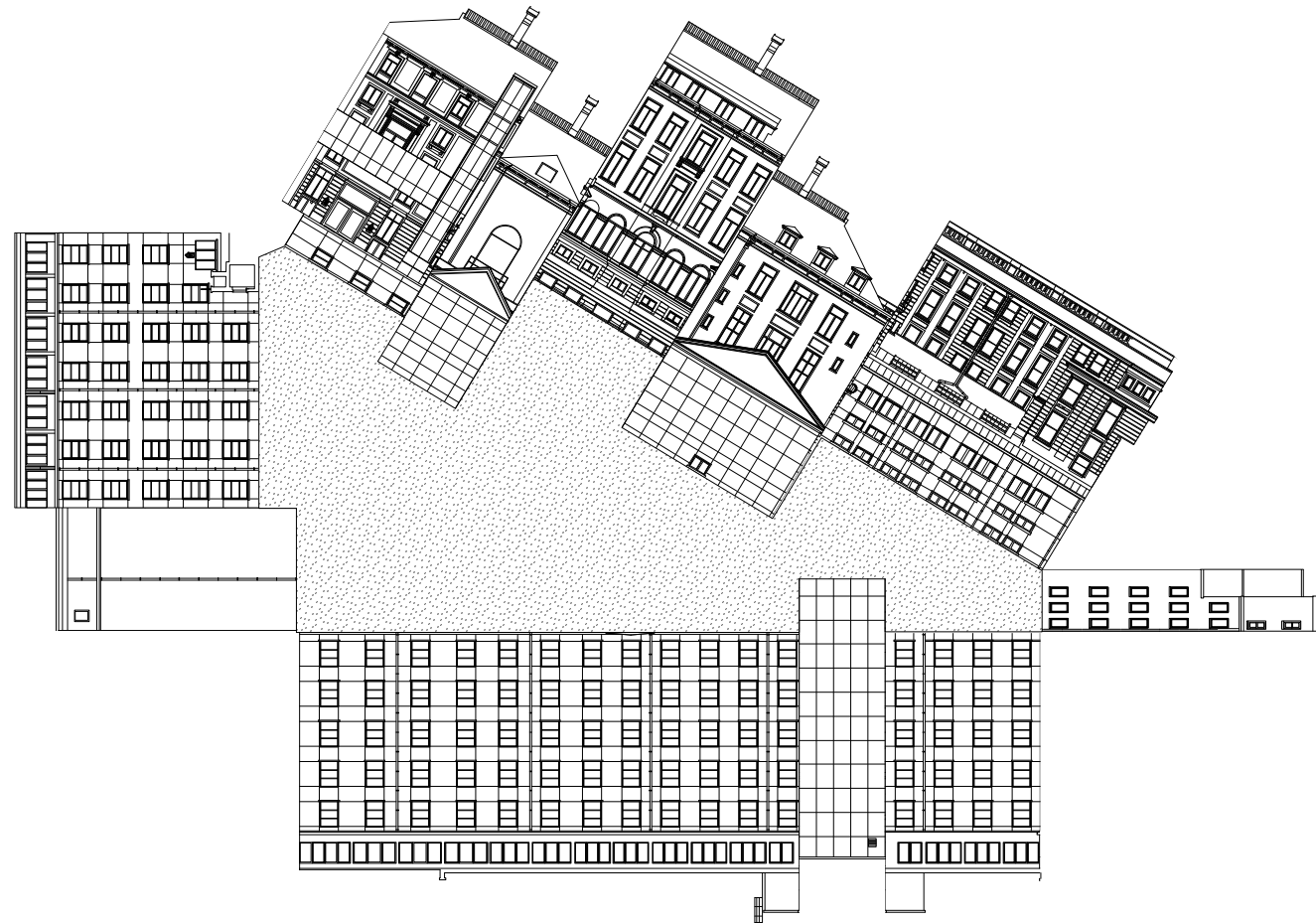
Raising



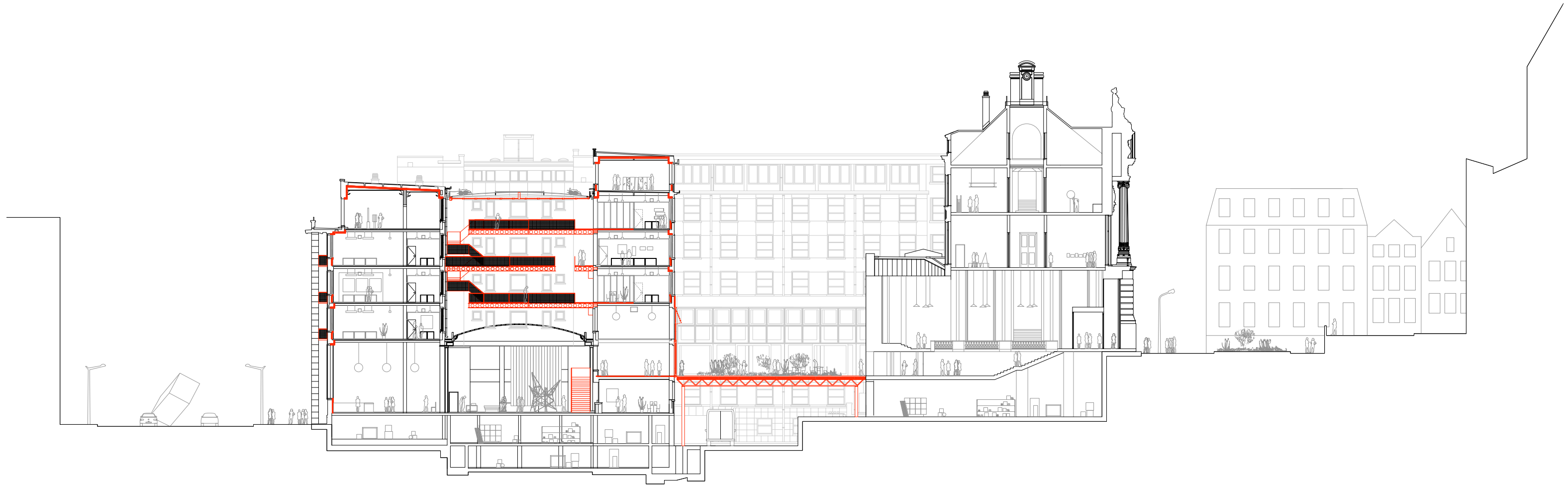
Raising



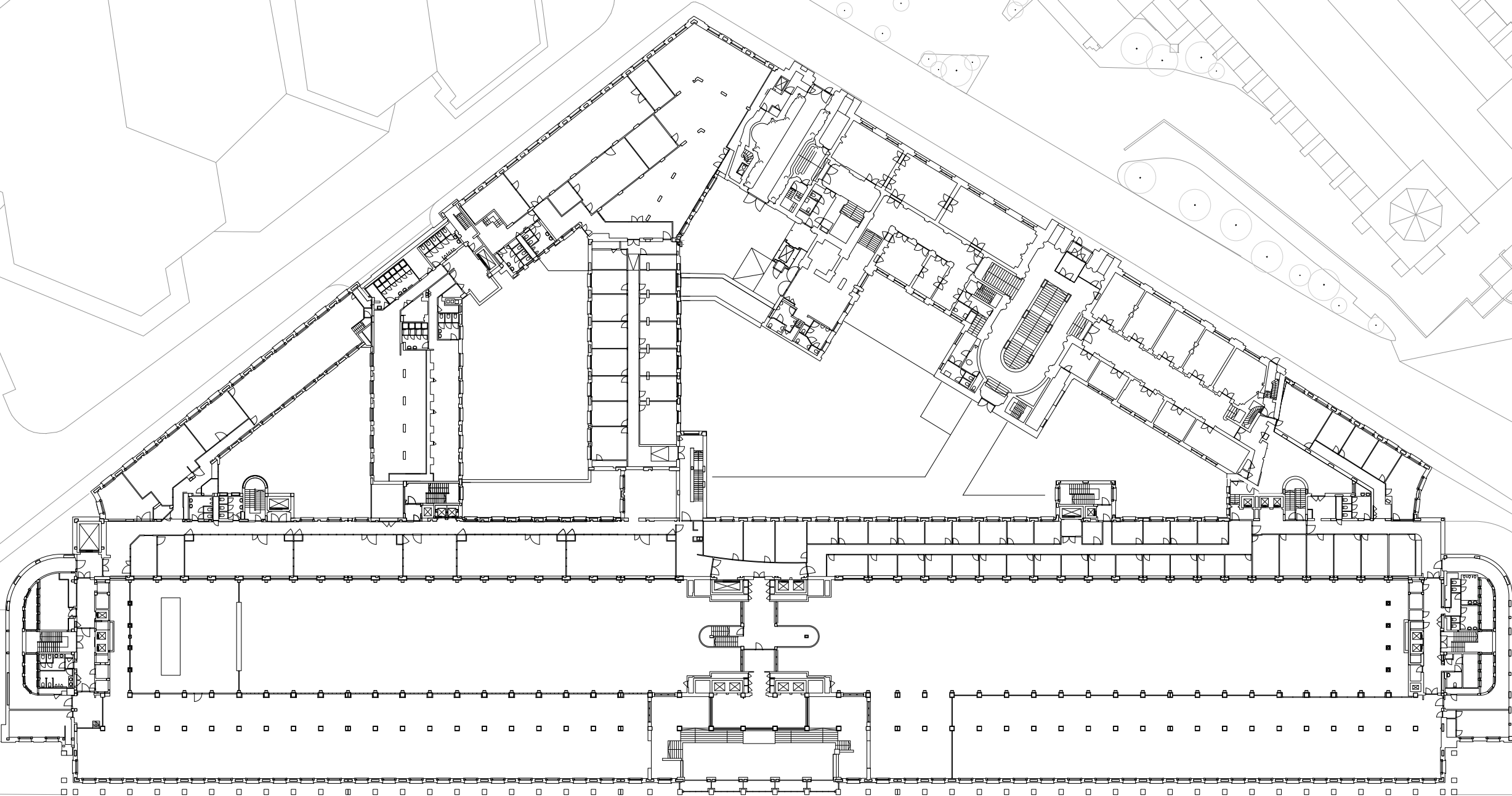
Raising



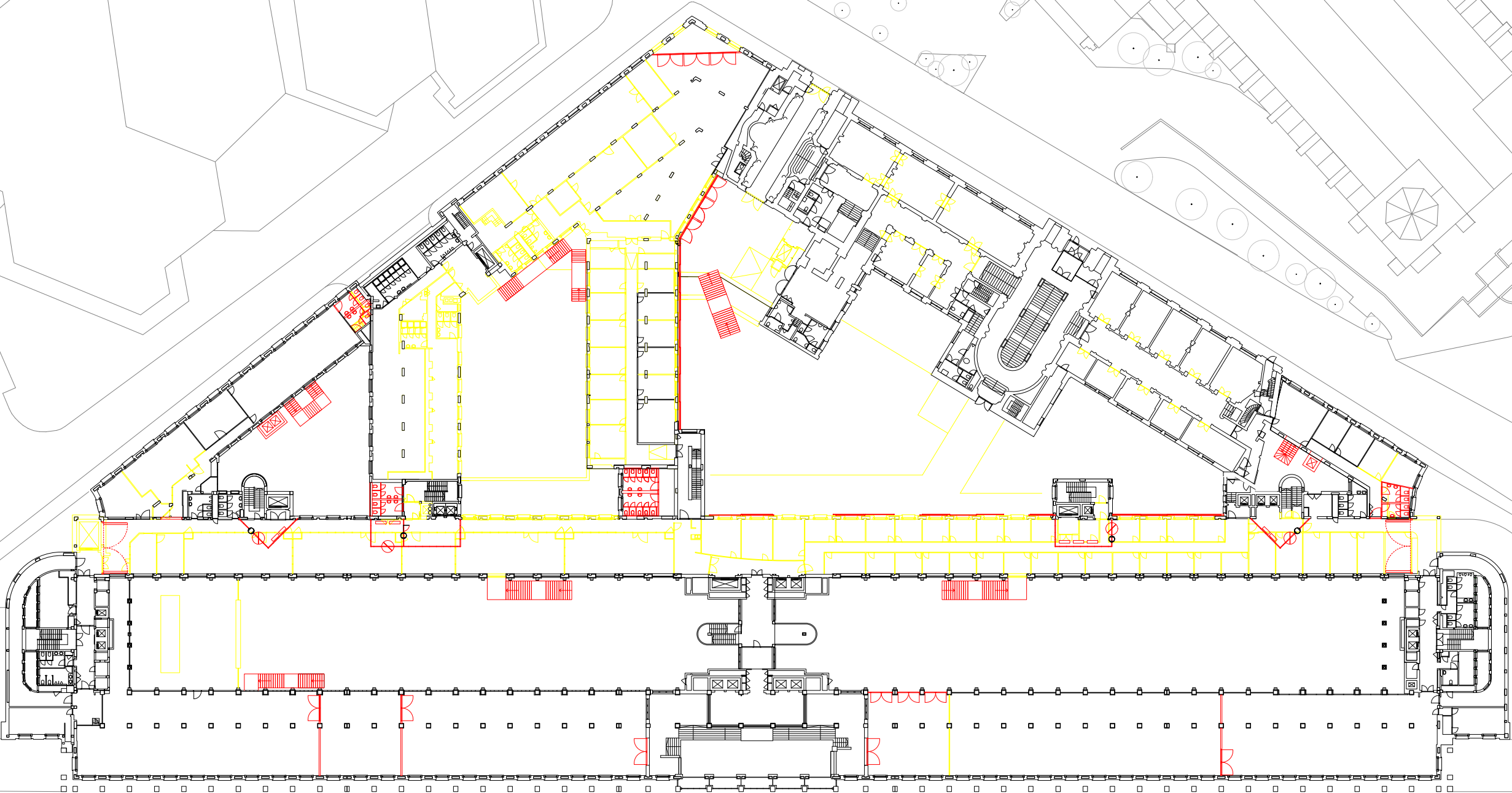
Raising



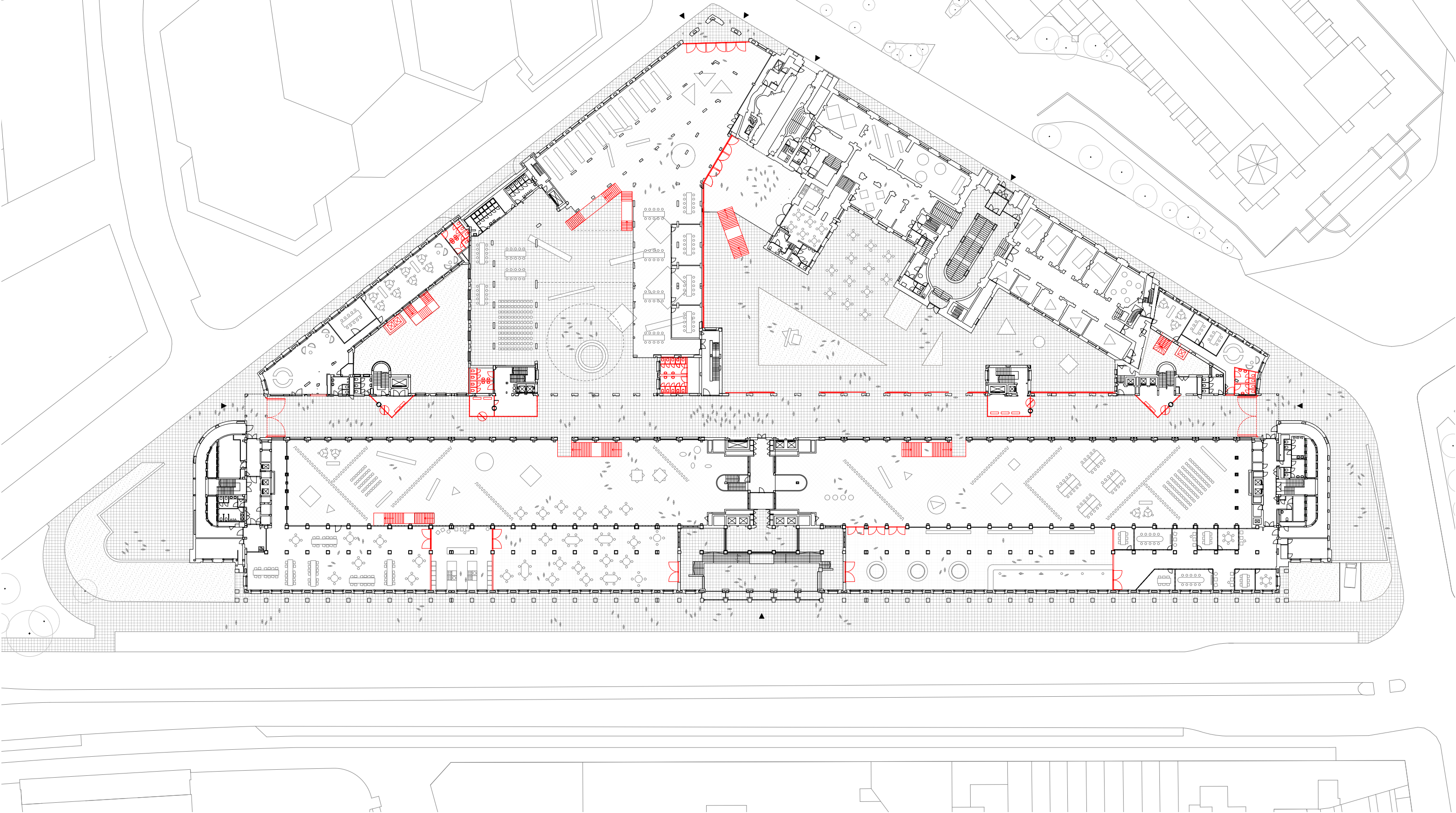
Public plinth



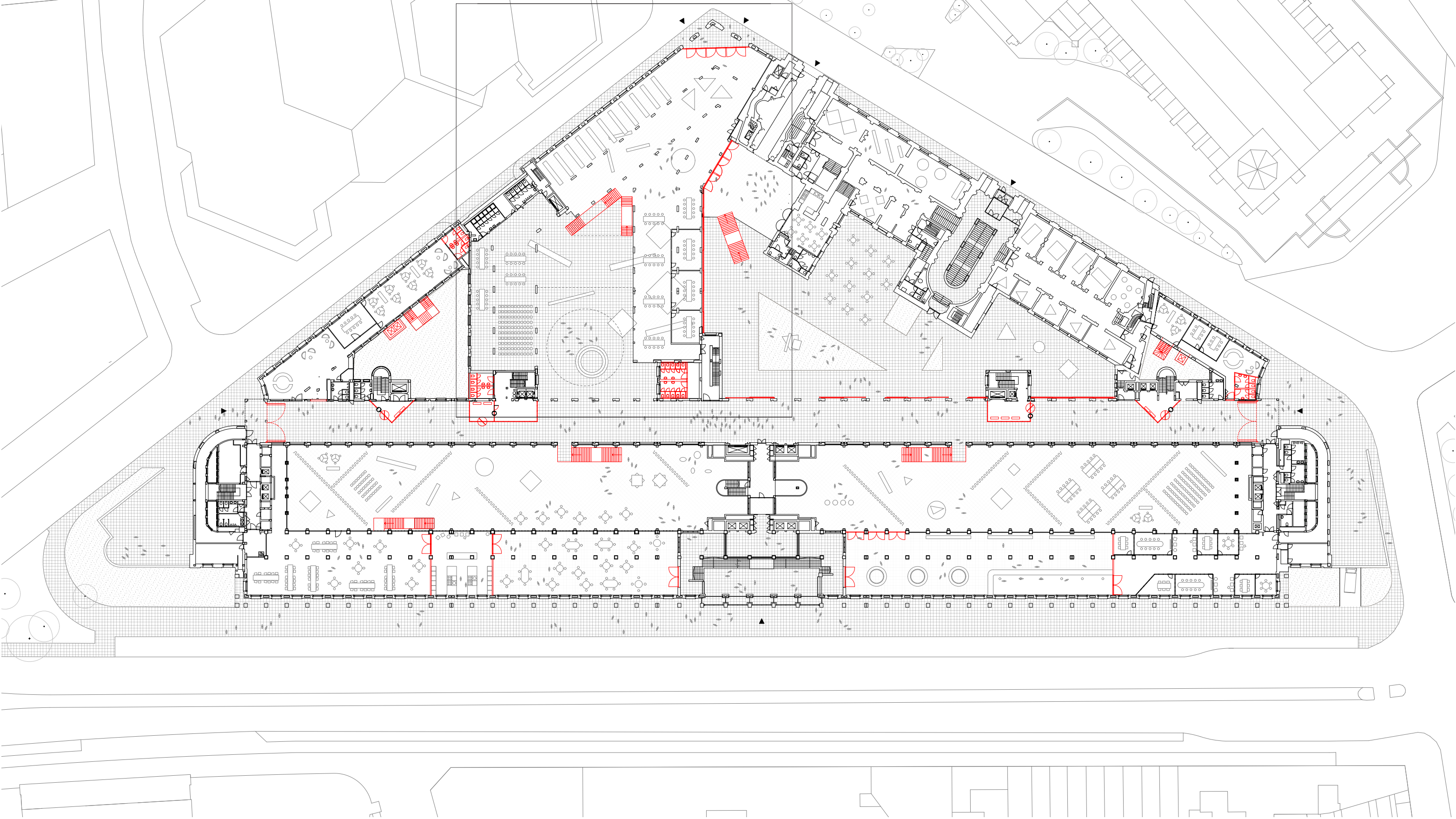
Public plinth



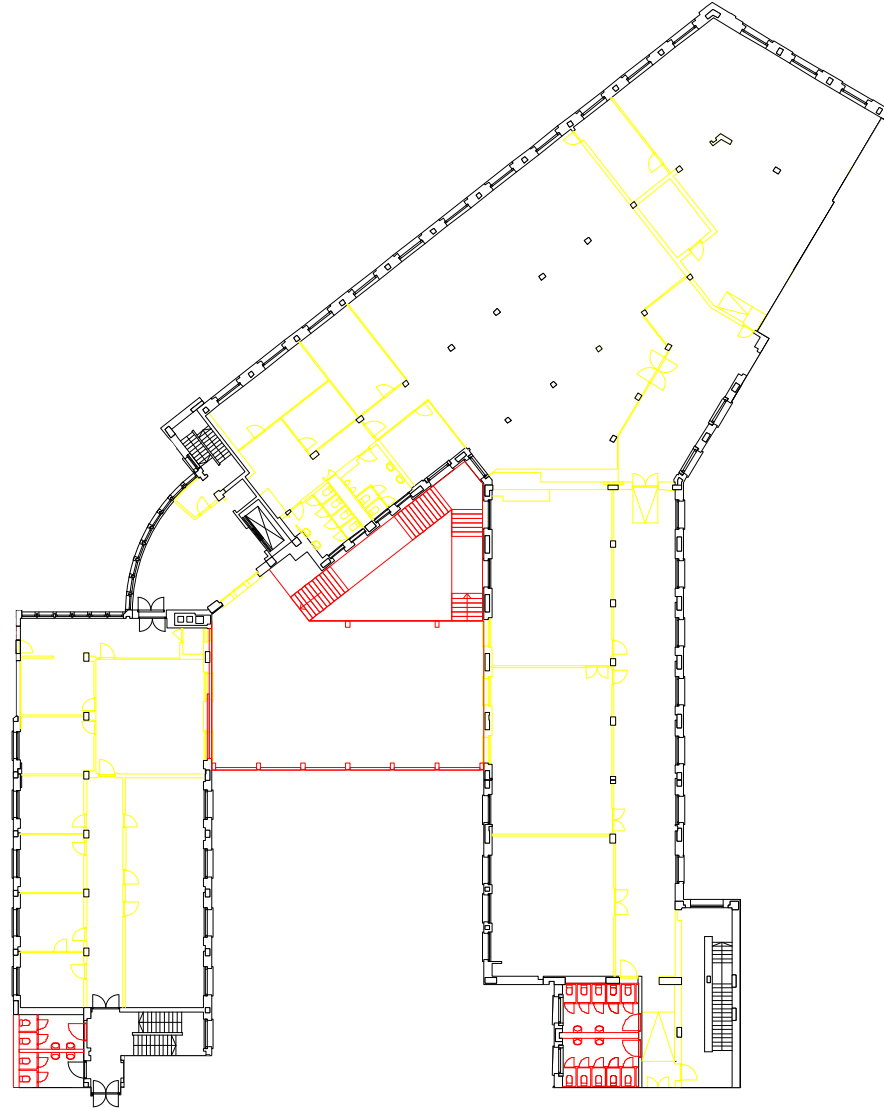
Public plinth



Public plinth



Cultural Centre

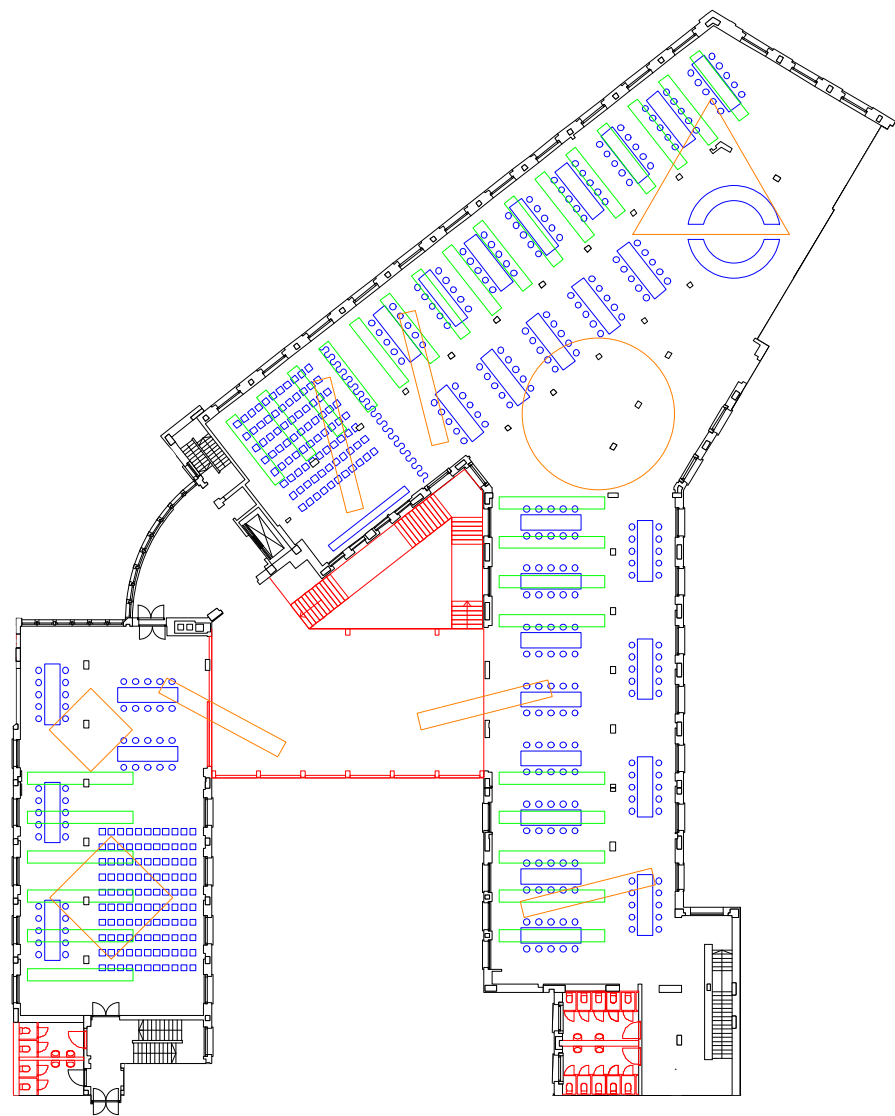


drawing number 111

subject ground floor plan
scale 1:750 A3
date 21/12/28

multifunctionality of spaces in the
cultural centre

Cultural Centre

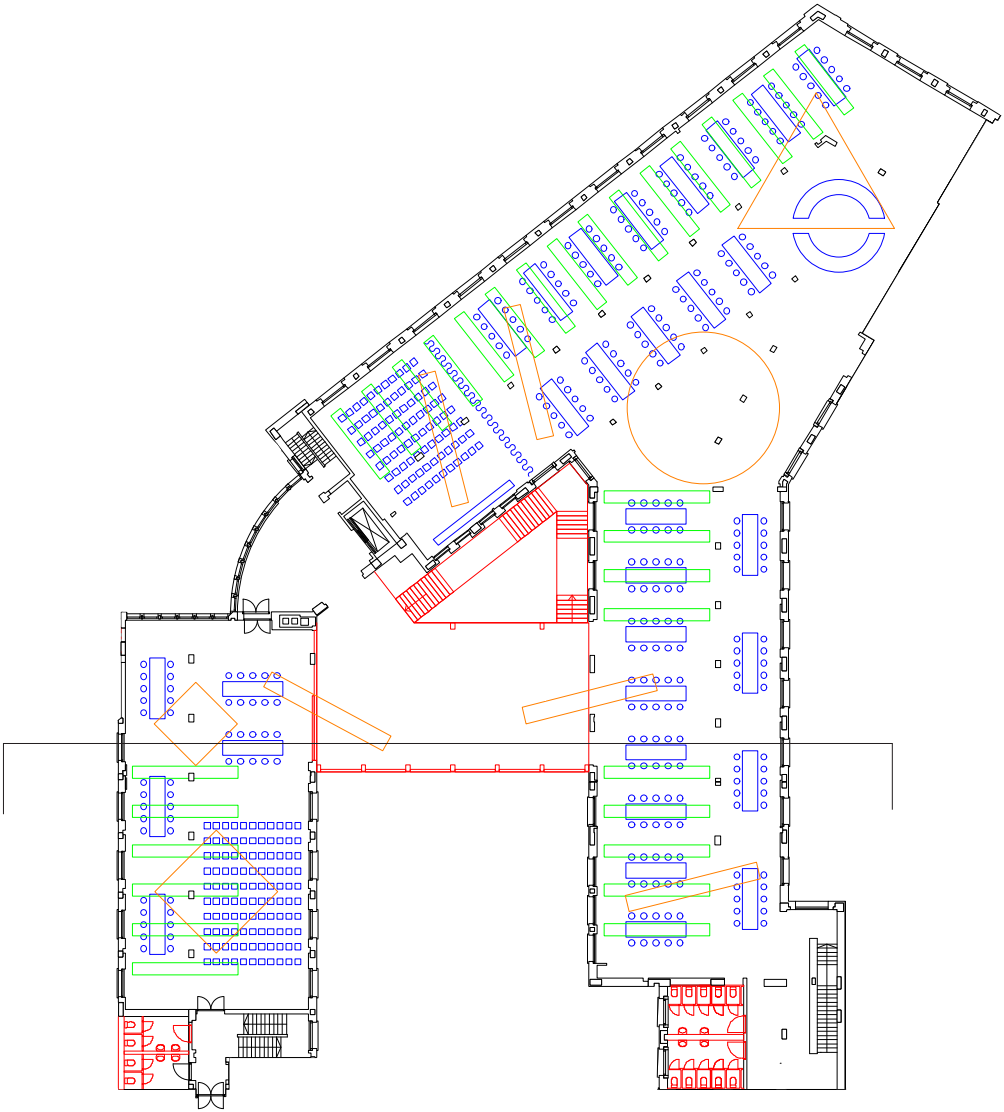


drawing number 111

subject ground floor plan
scale 1:750 A3
date 21/12/28

multifunctionality of spaces in the
cultural centre

Cultural Centre

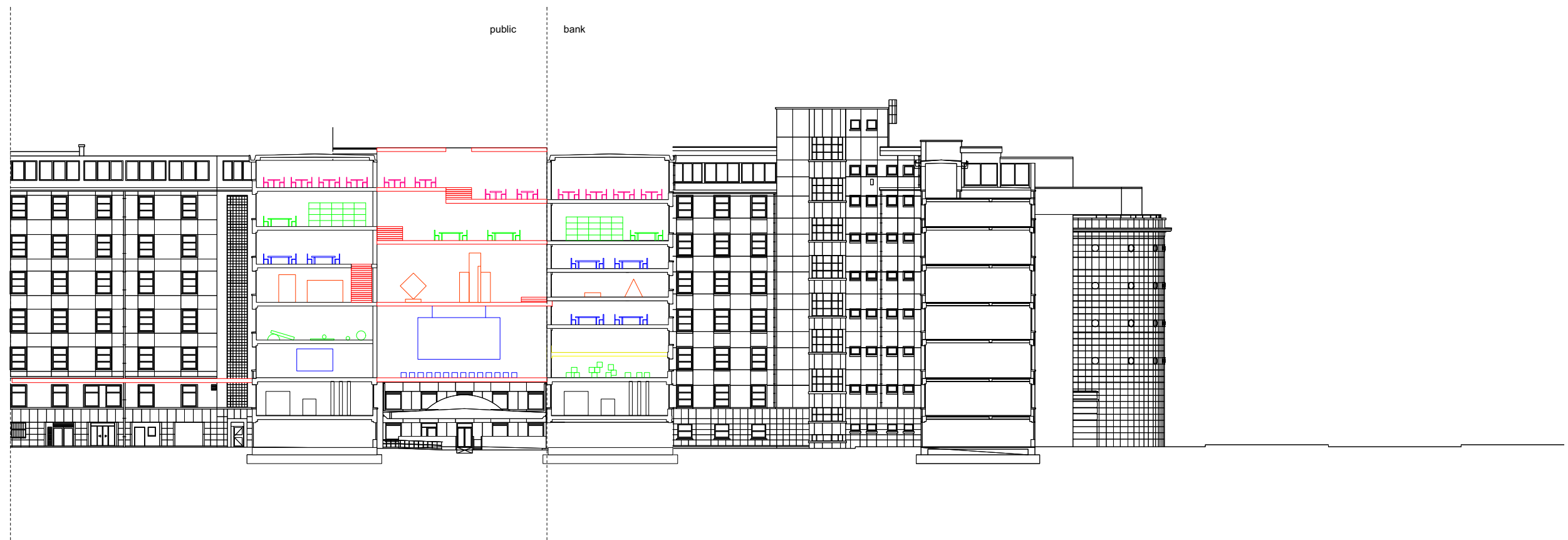


drawing number 111

subject ground floor plan
scale 1:750 A3
date 21/12/28

multifunctionality of spaces in the
cultural centre

Cultural Centre



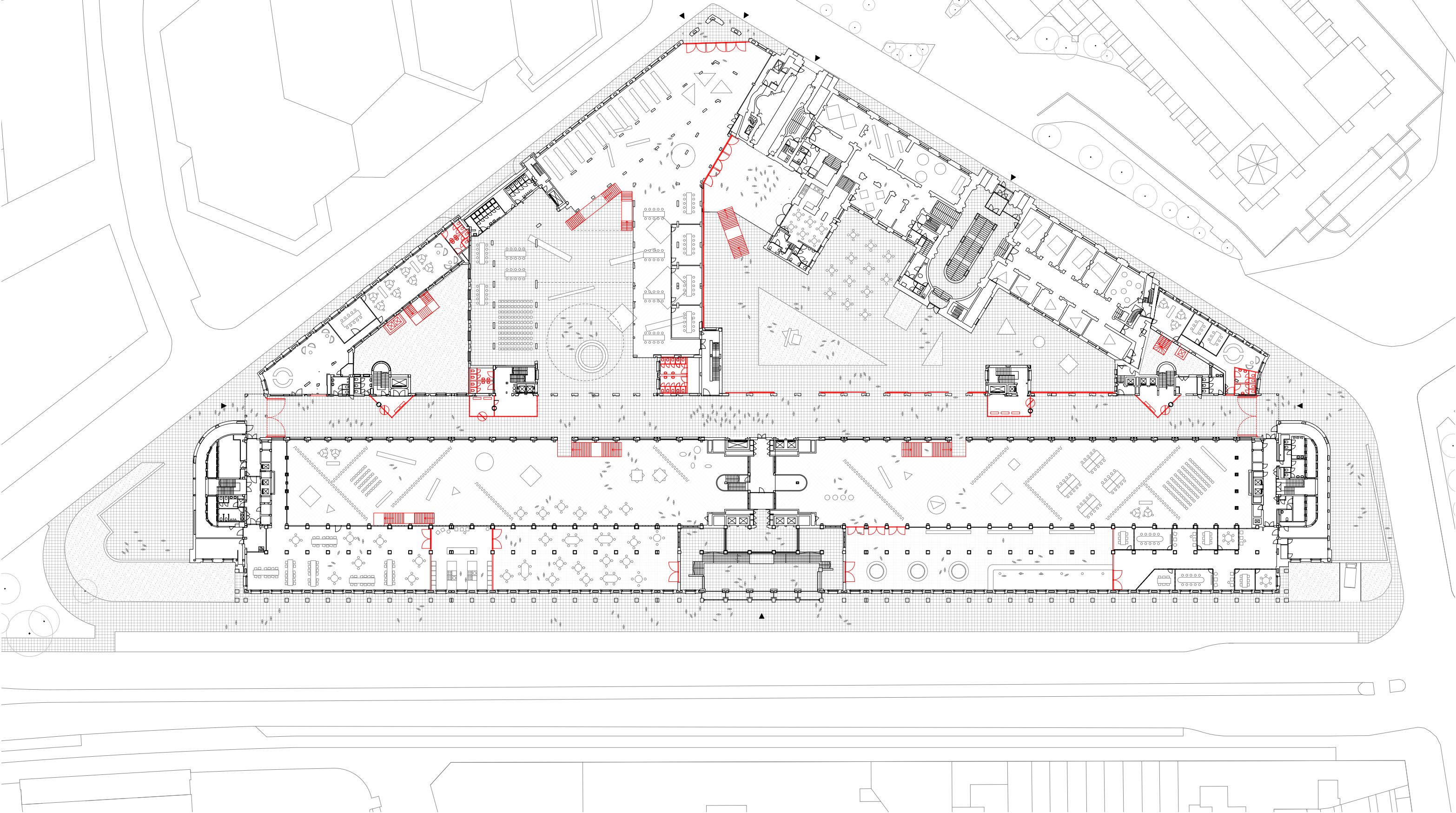
drawing number 213

subject
scale
date

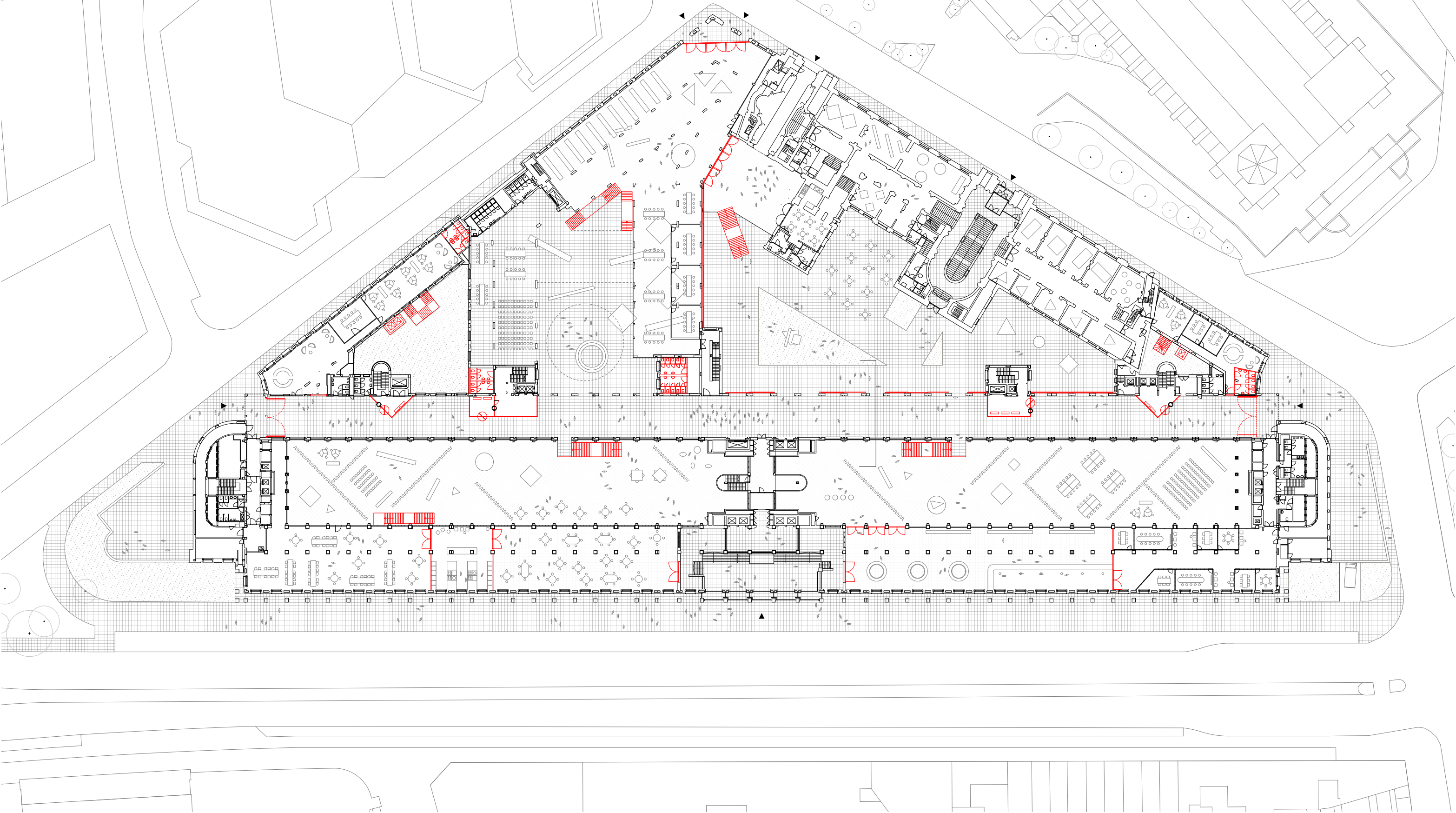
section CC
1:500 A3
22/01/27

workshop / auditorium
library
exhibition
restaurant

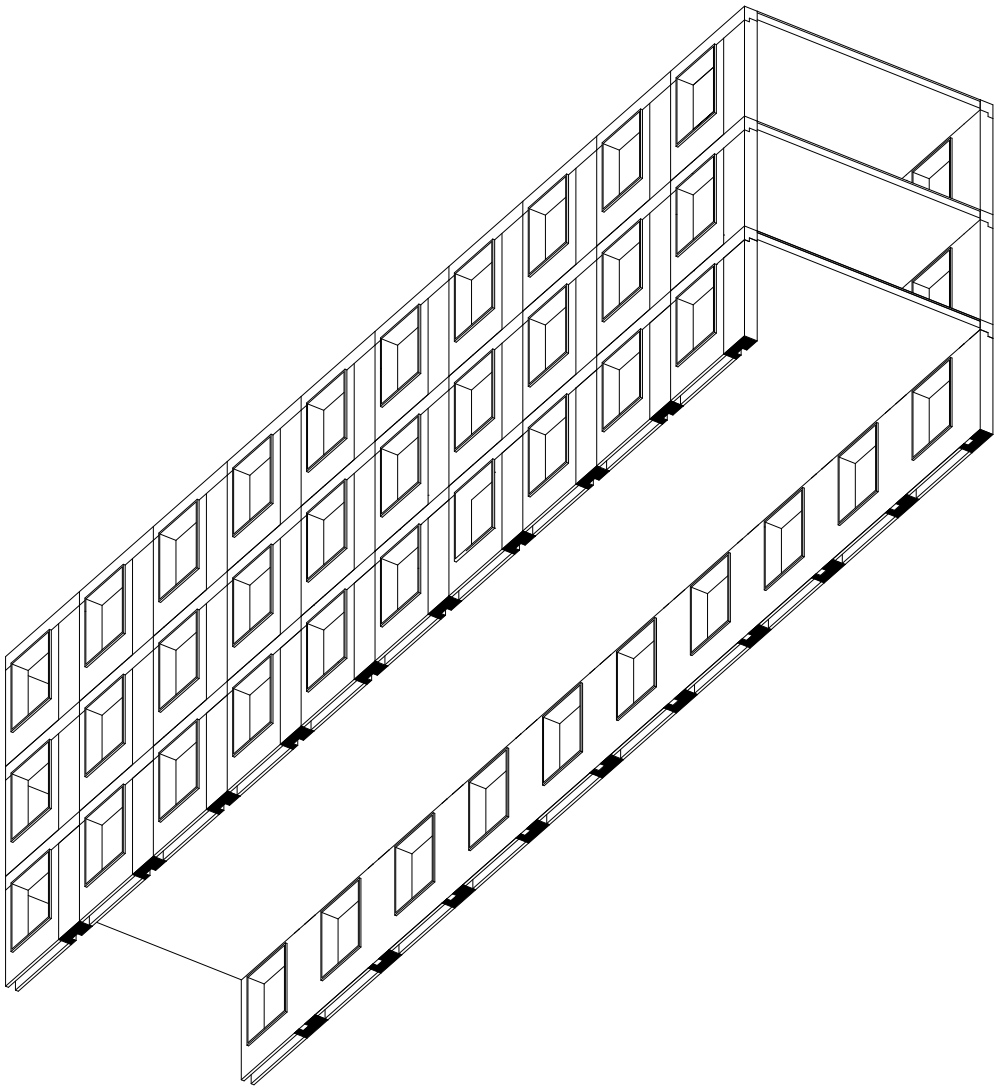
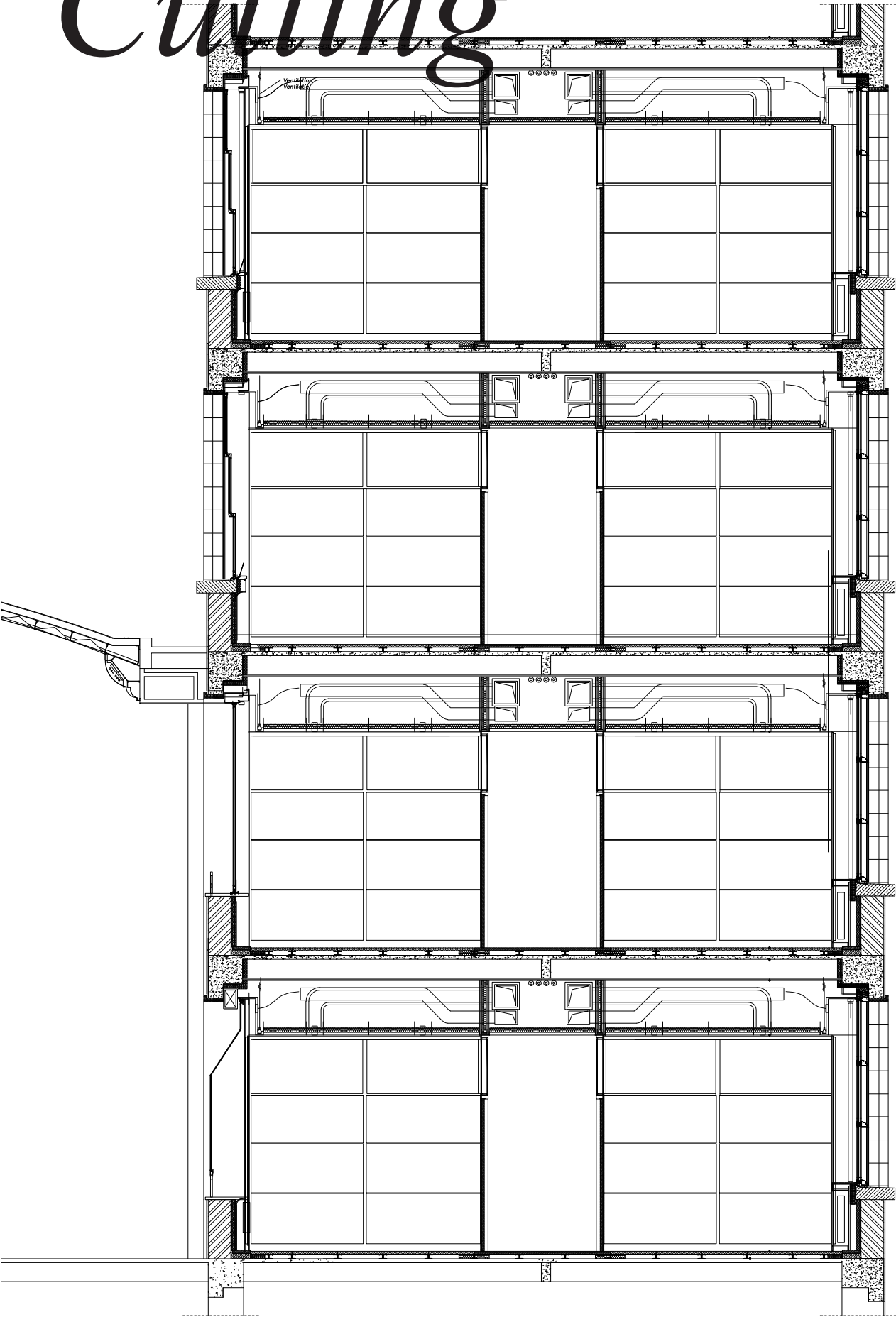
Public plinth



Public plinth



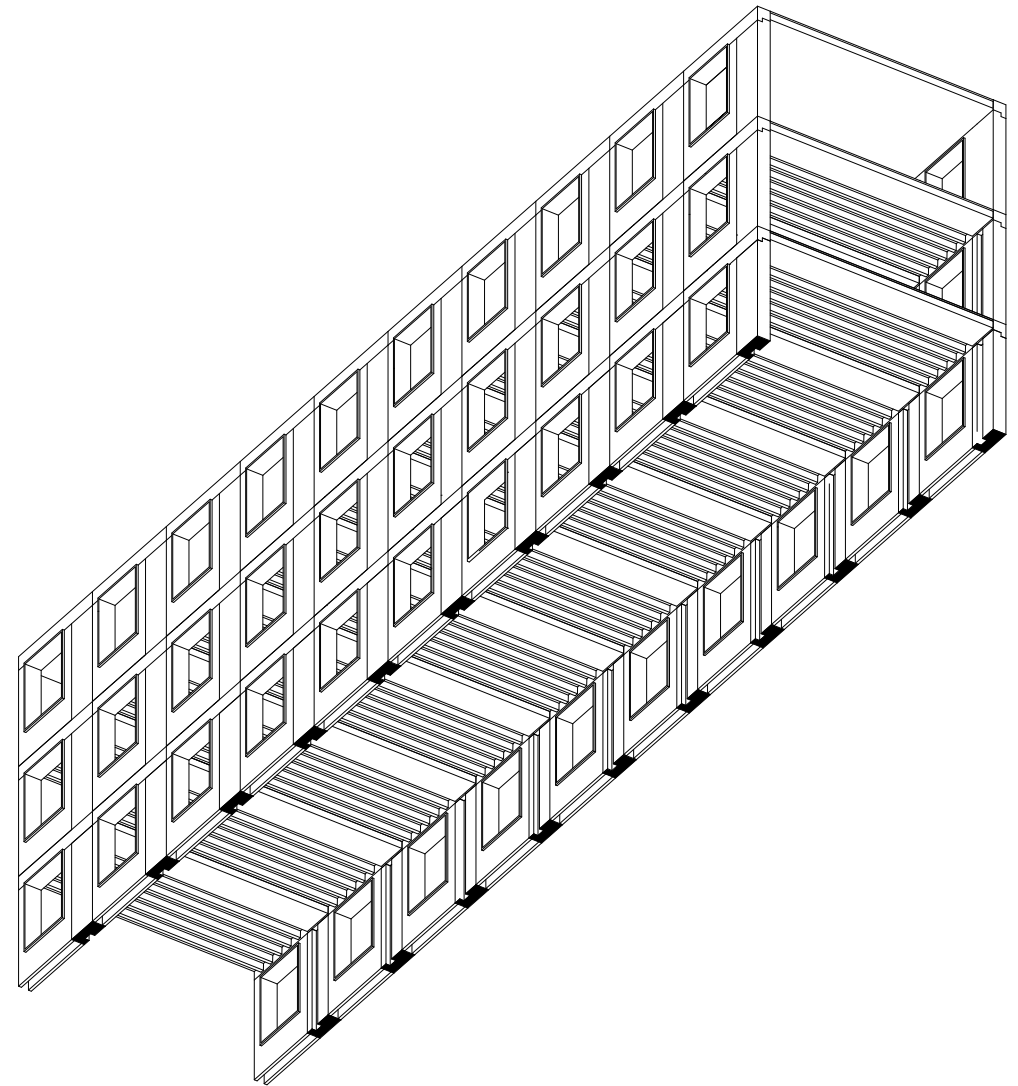
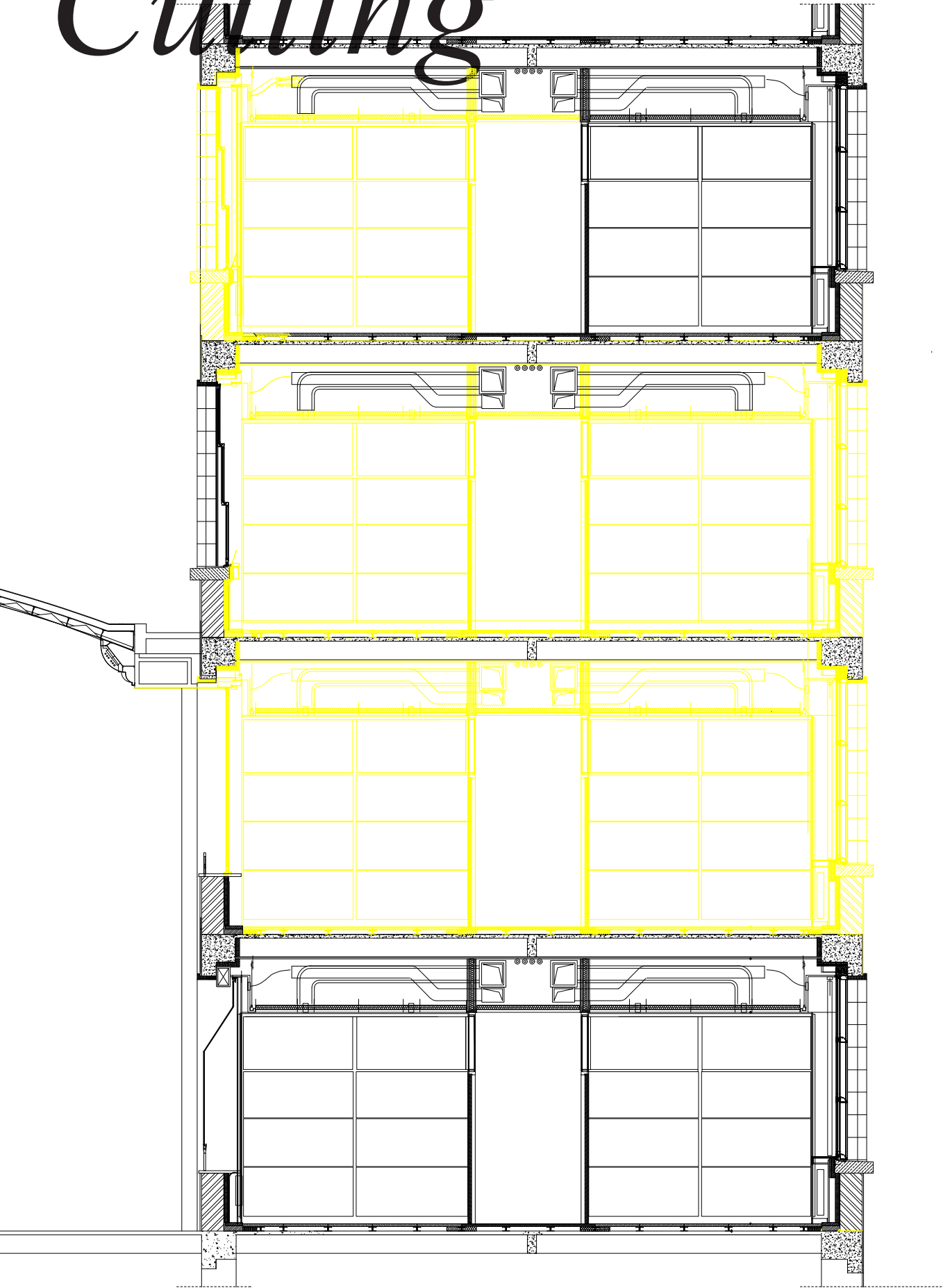
Cutting



drawing number 601

subject section detail
scale 1:50 A3
date 22/03/07

Cutting

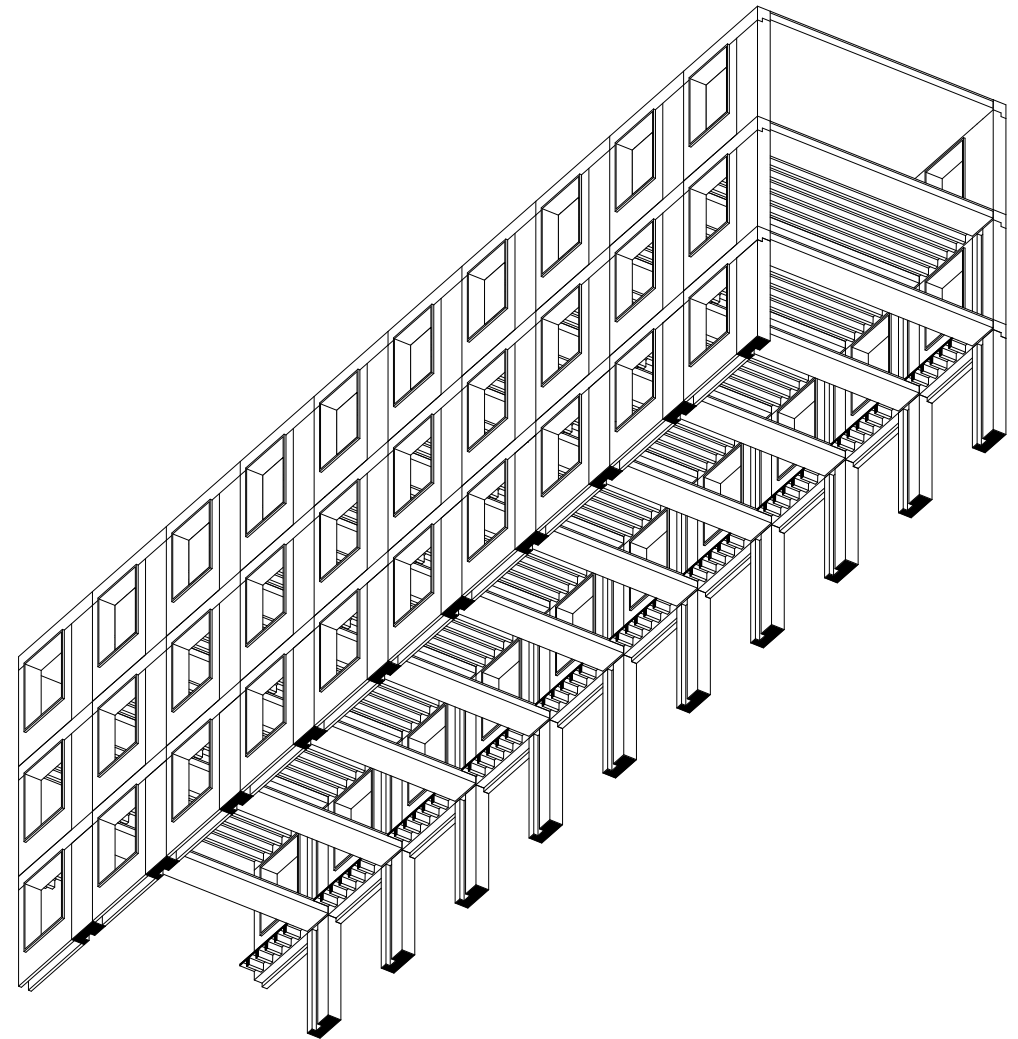
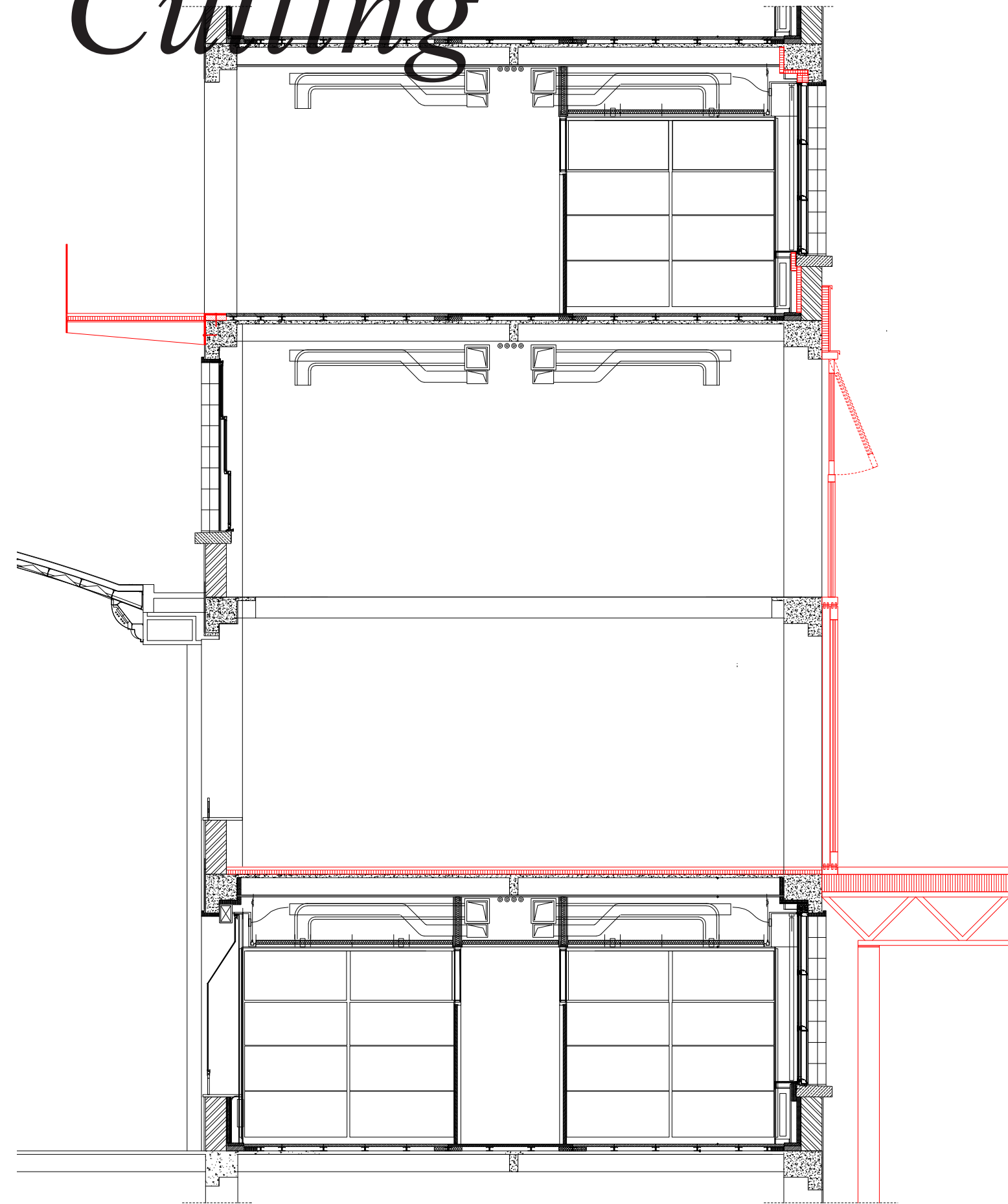


drawing number 610

subject
scale
date

section detail
1:50 A3
22/03/07

Cutting



drawing number 610
subject section detail
scale 1:50 A3
date 22/03/07

Cutting



drawing number 310

subject	elevation courtyard
scale	1:250 A3
date	22/02/16

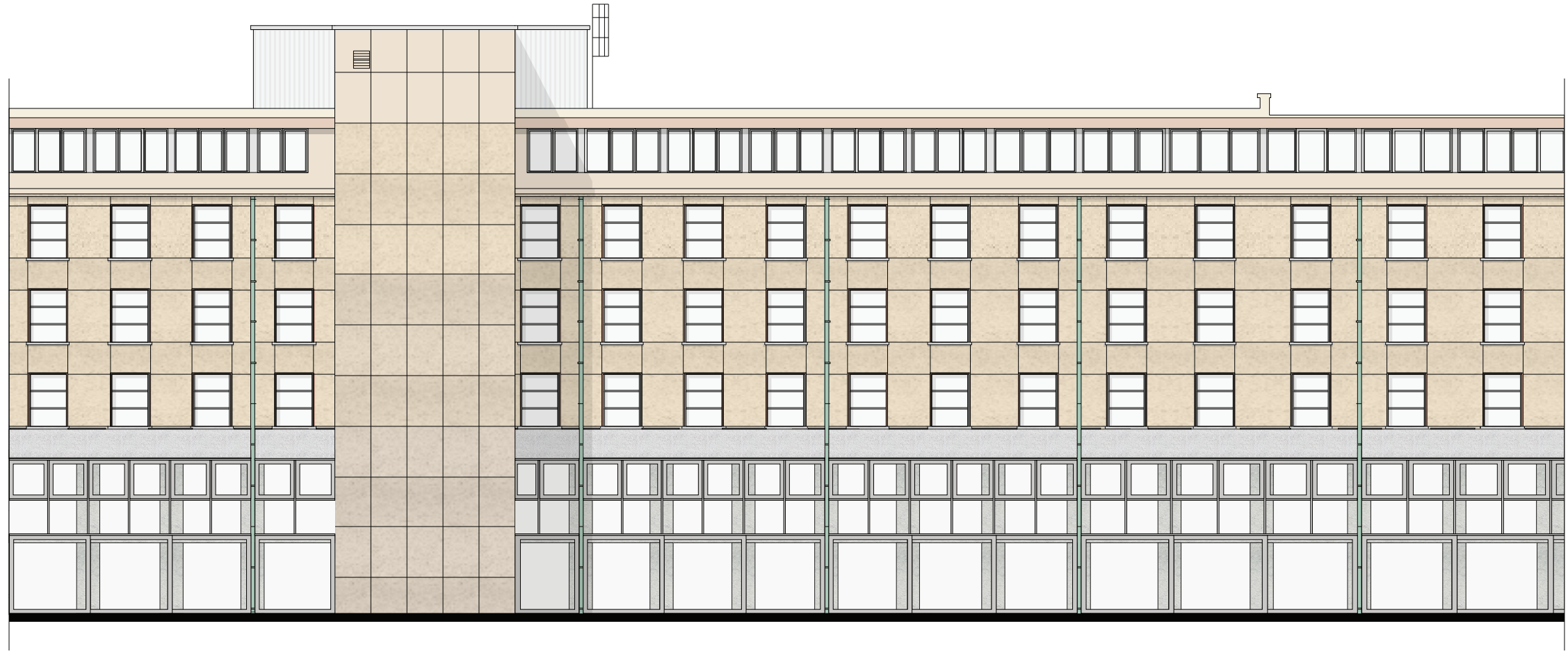
Cutting



drawing number 311

subject elevation courtyard
scale 1:250 A3
date 22/02/16

Stitching



drawing number 311

subject
scale
date

elevation courtyard
1:250 A3
22/02/16

Stitching

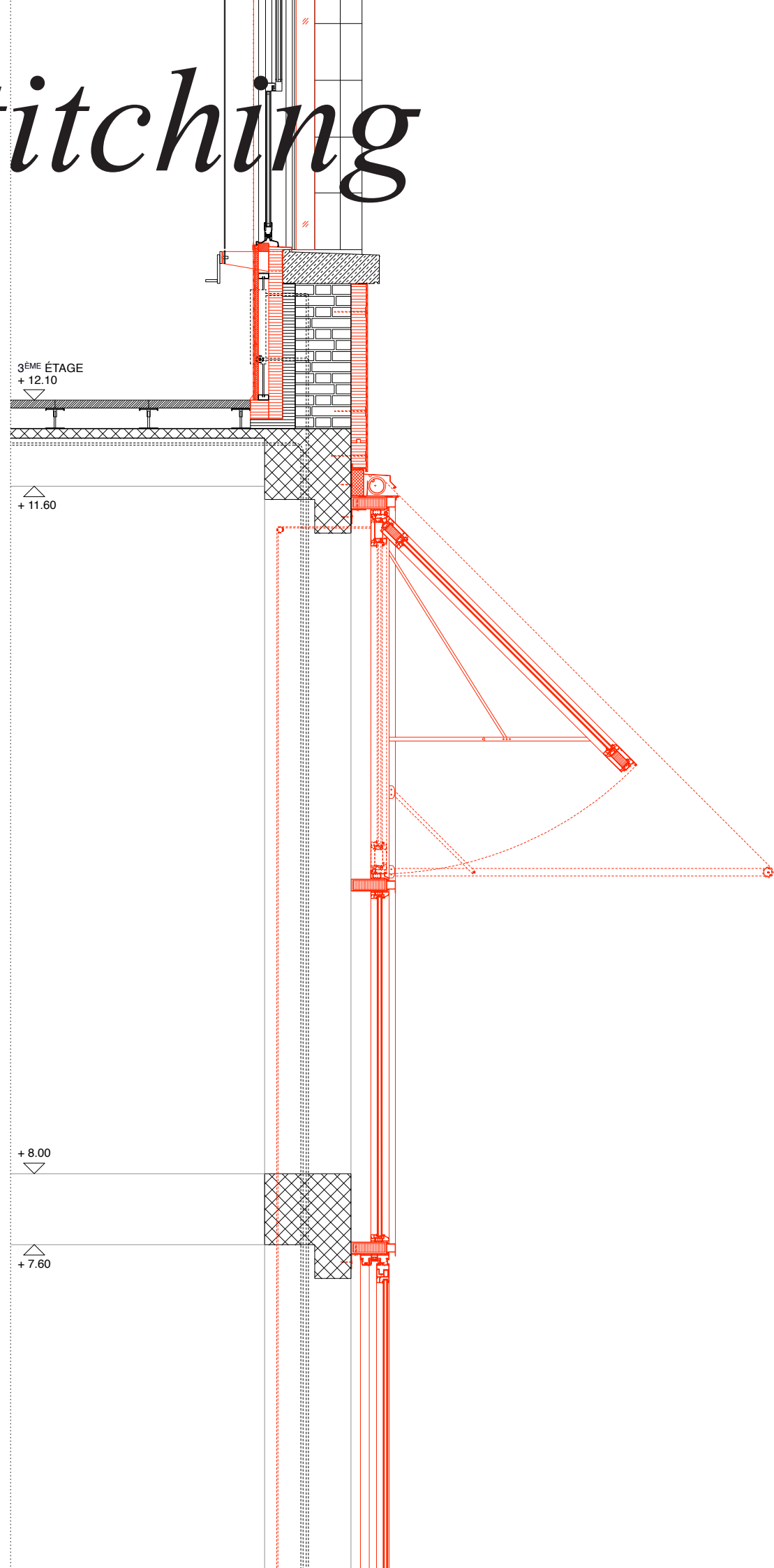


drawing number 311

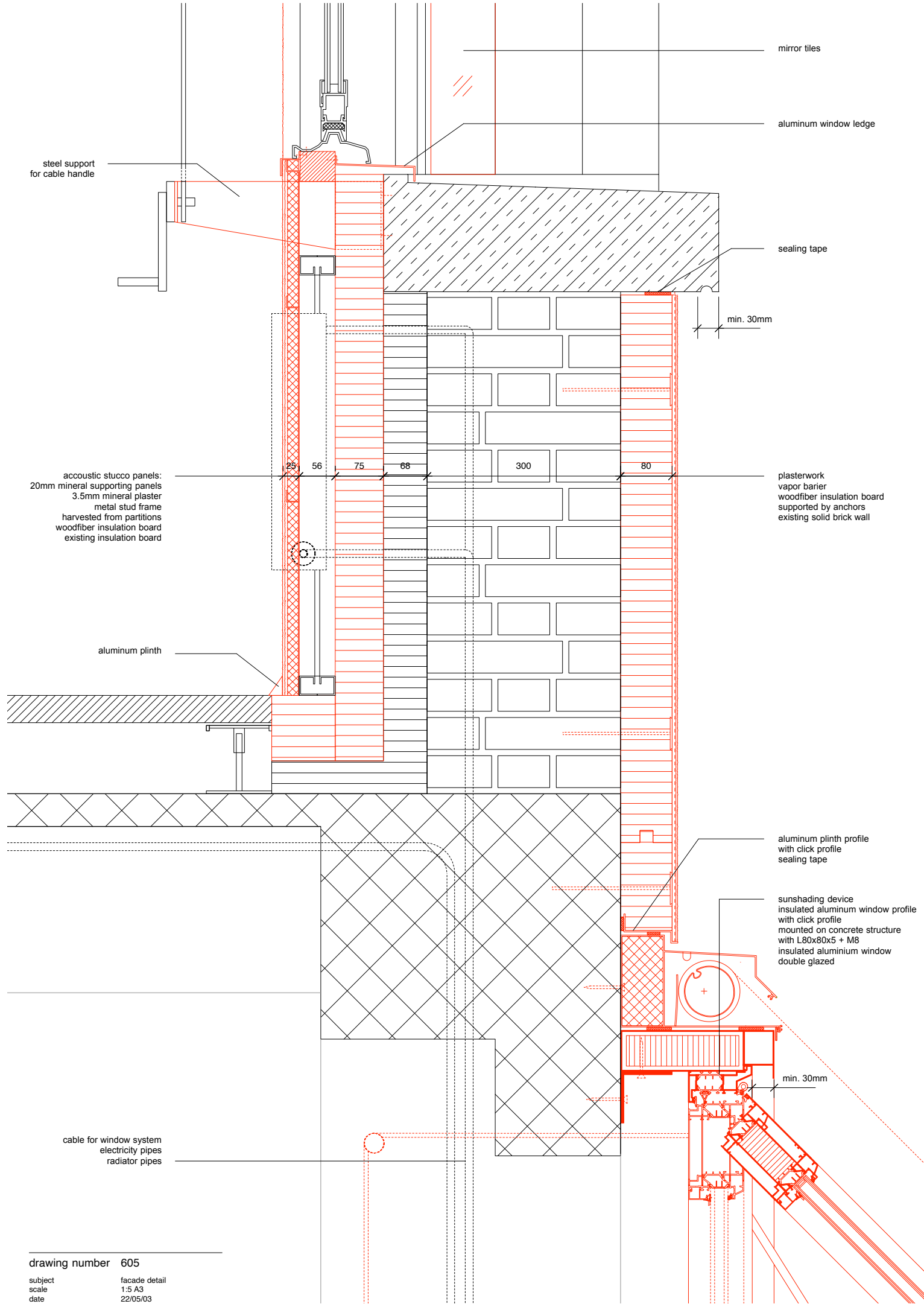
subject
scale
date

elevation courtyard
1:250 A3
22/02/16

Stitching



Stitching

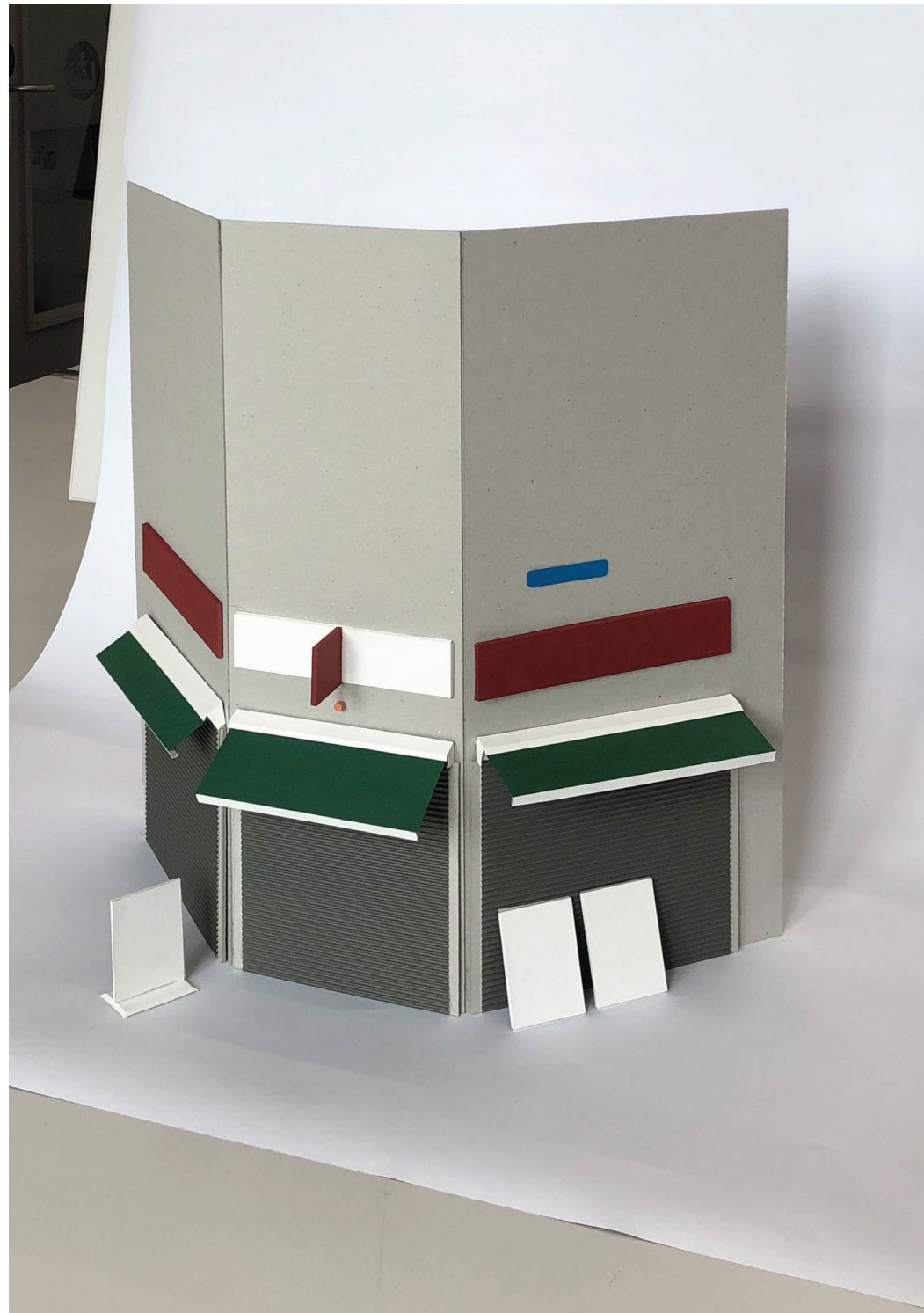


Stitching

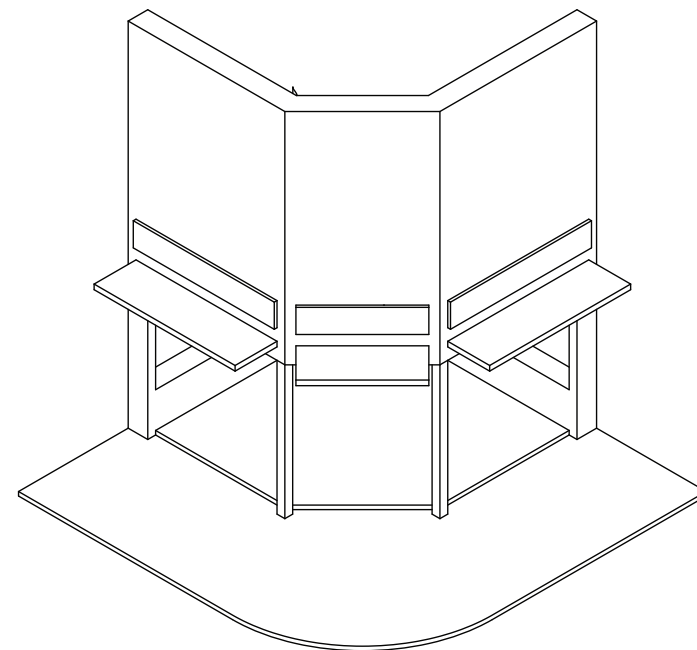
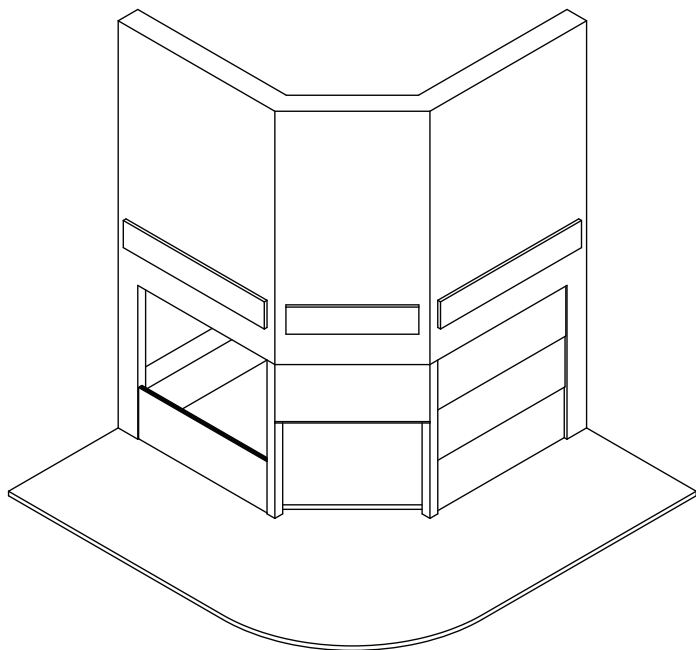
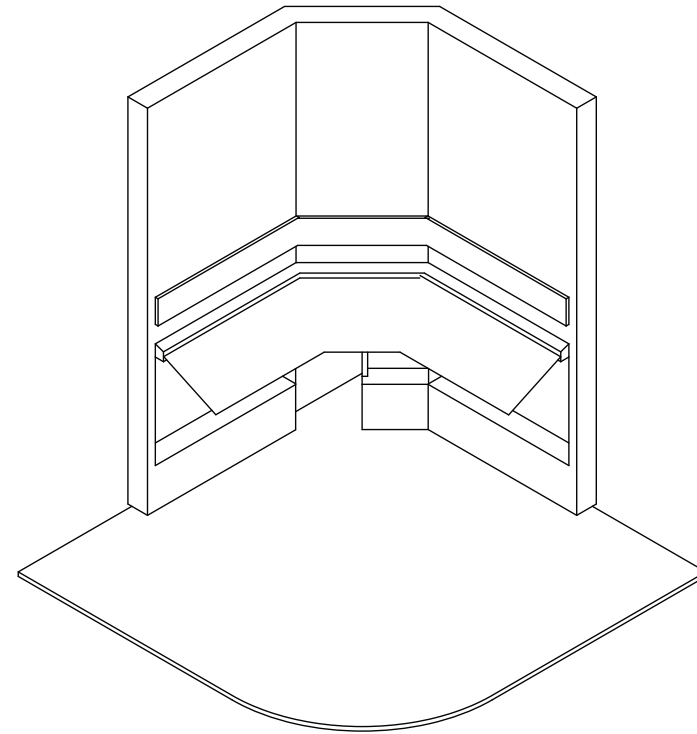
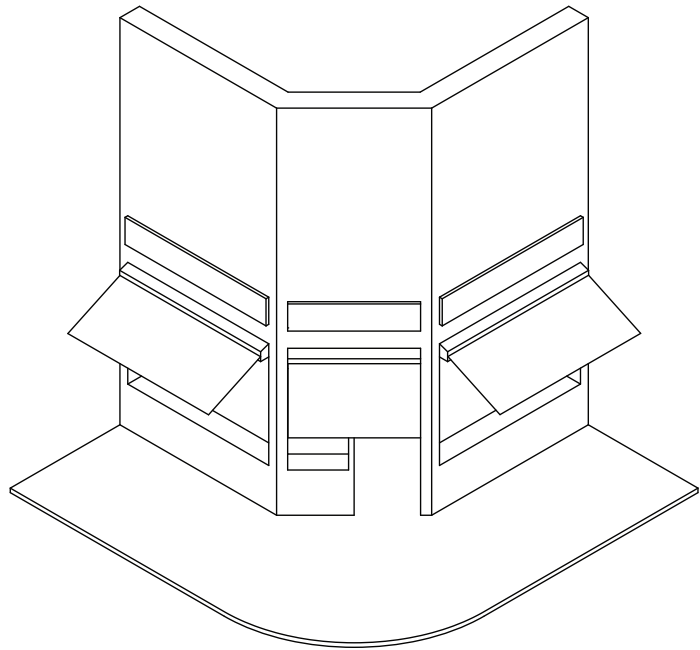


How to invite the public in?

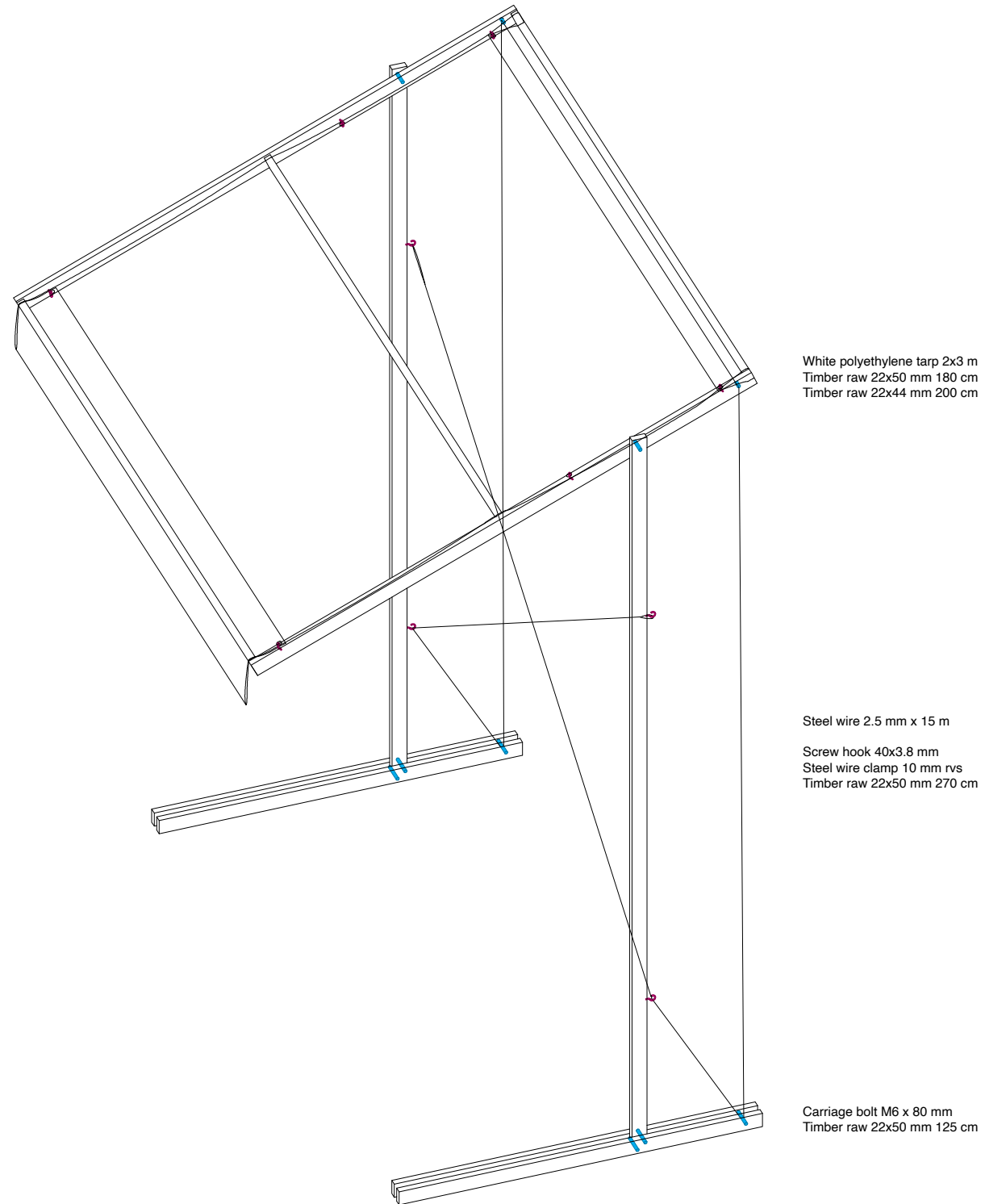
Appropriation



Thresholds



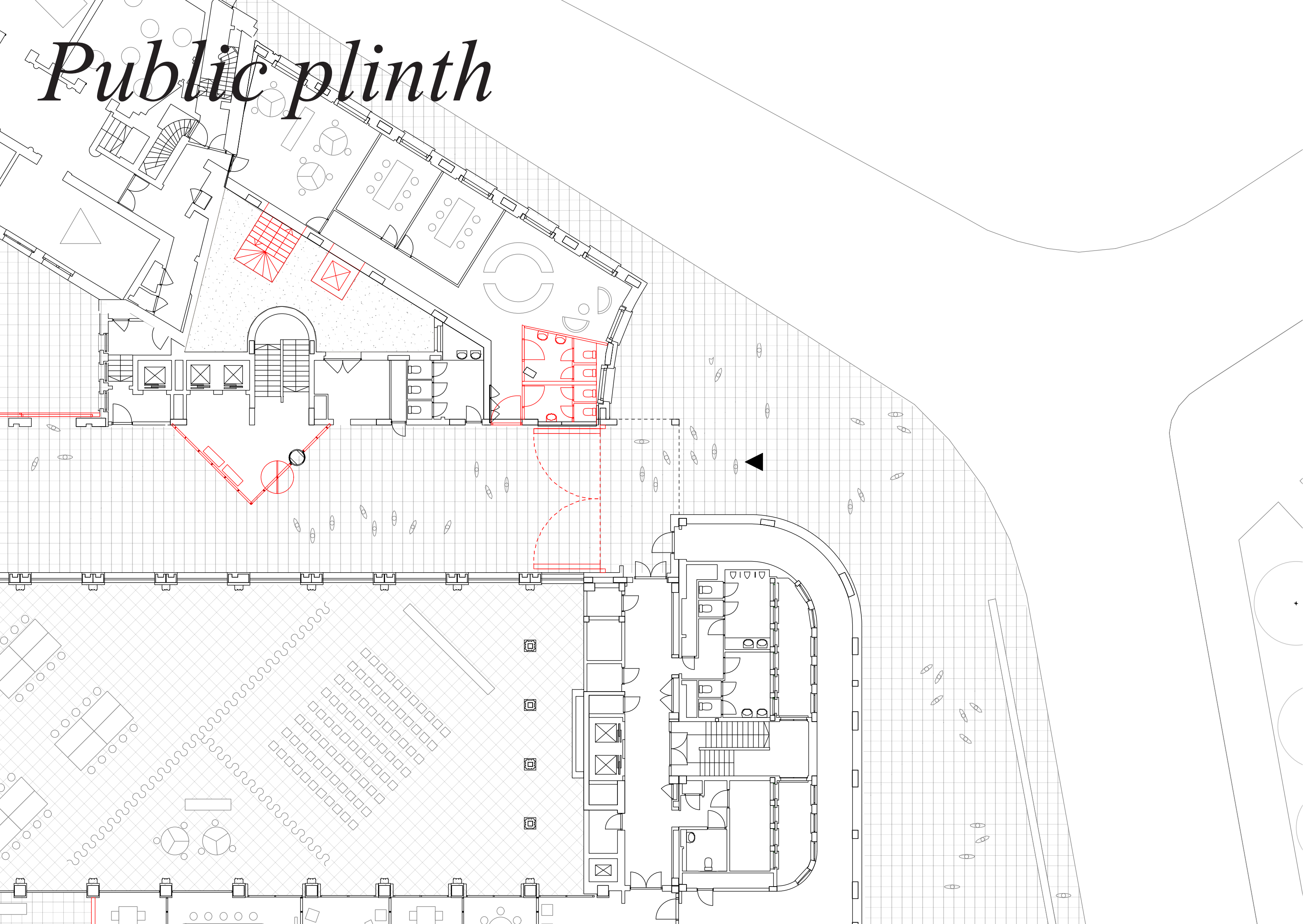
Thresholds



Thresholds

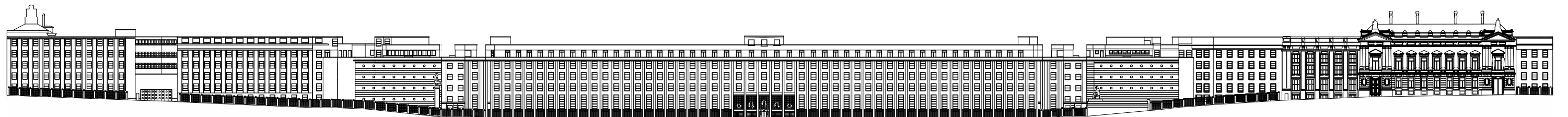


In collaboration with Pascal Henle and
Bart Vos

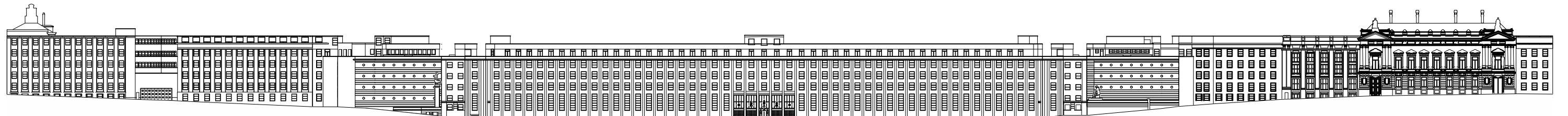


Public plinth

Public plinth



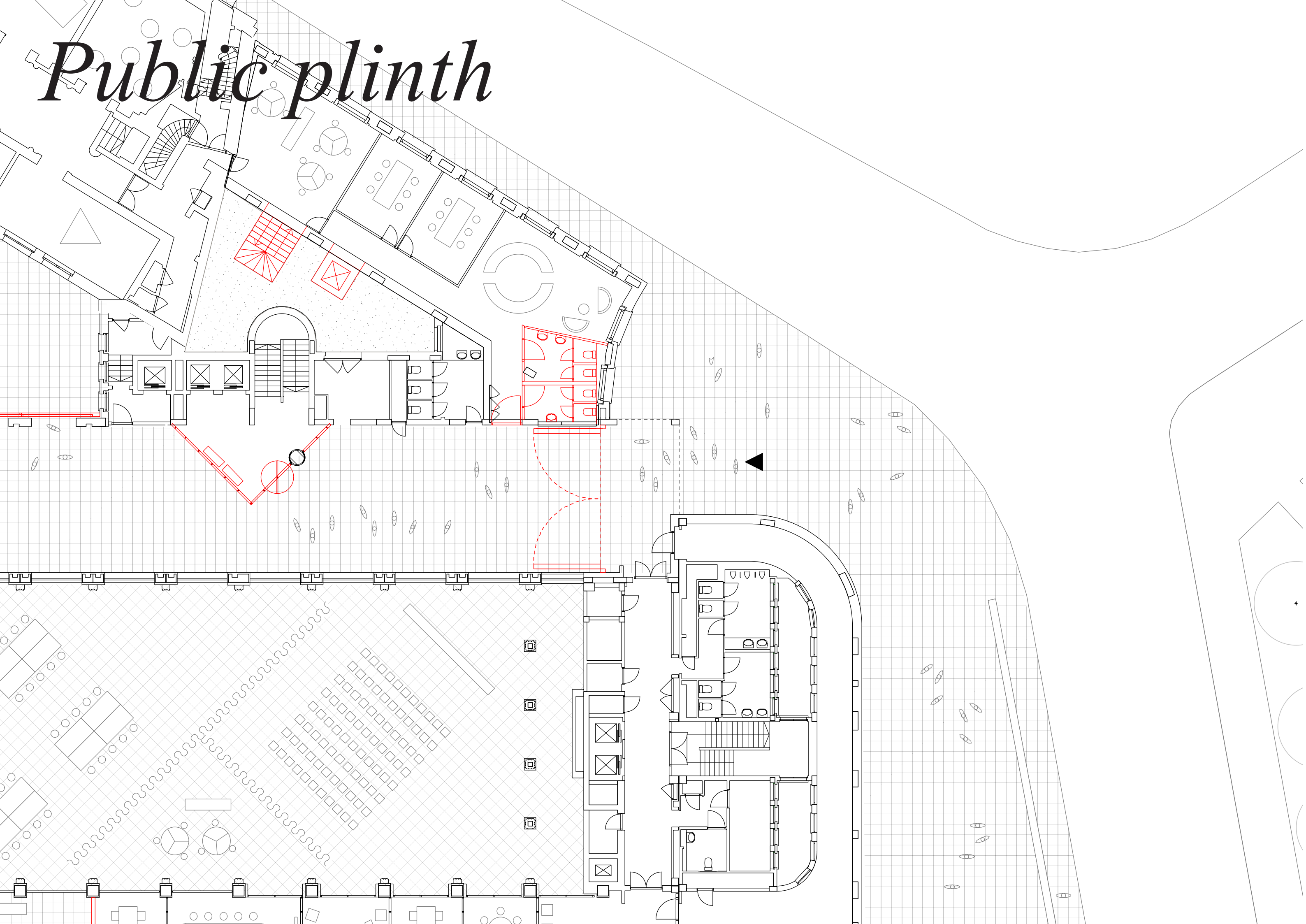
Public plinth



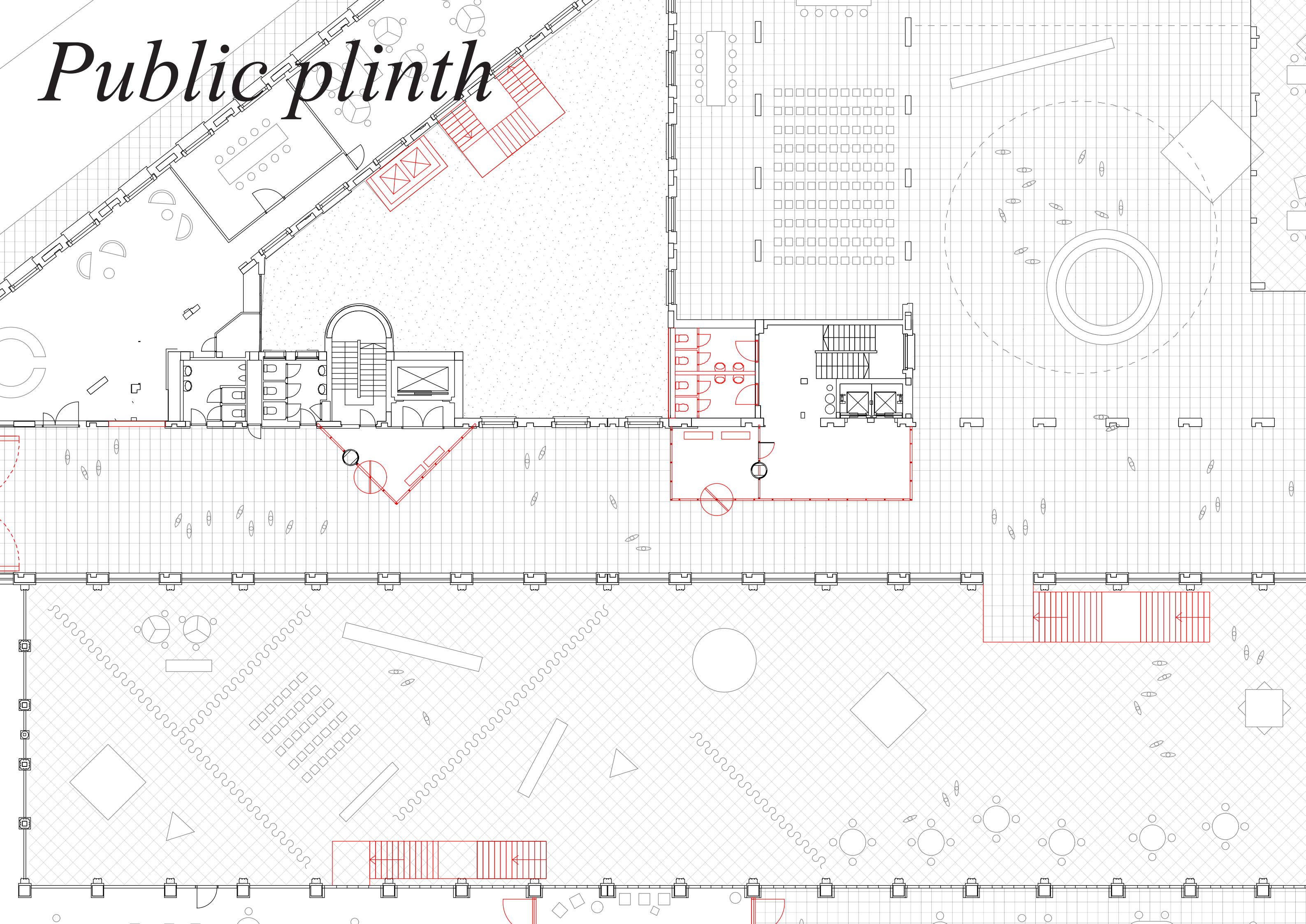
Public plinth



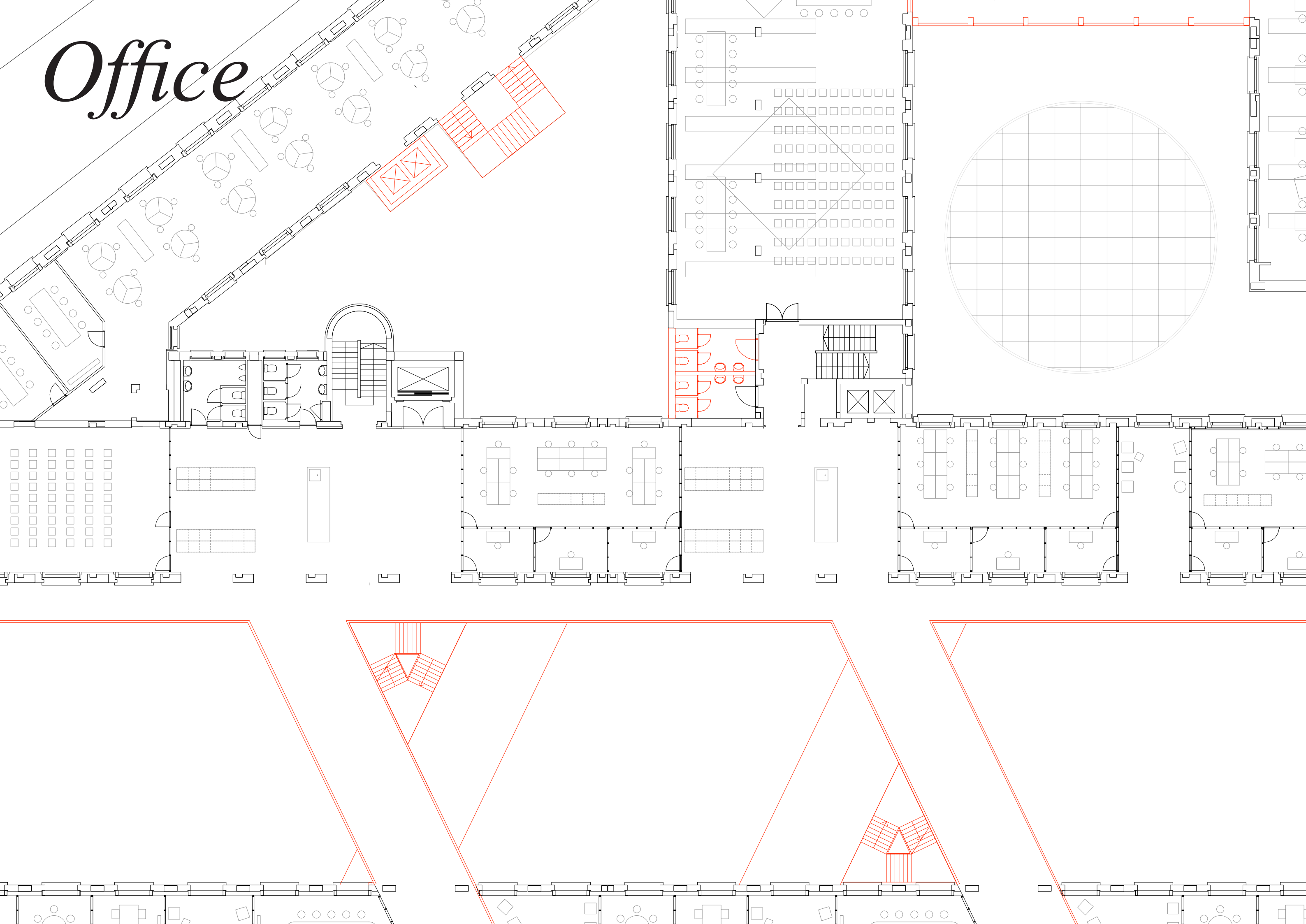
Public plinth



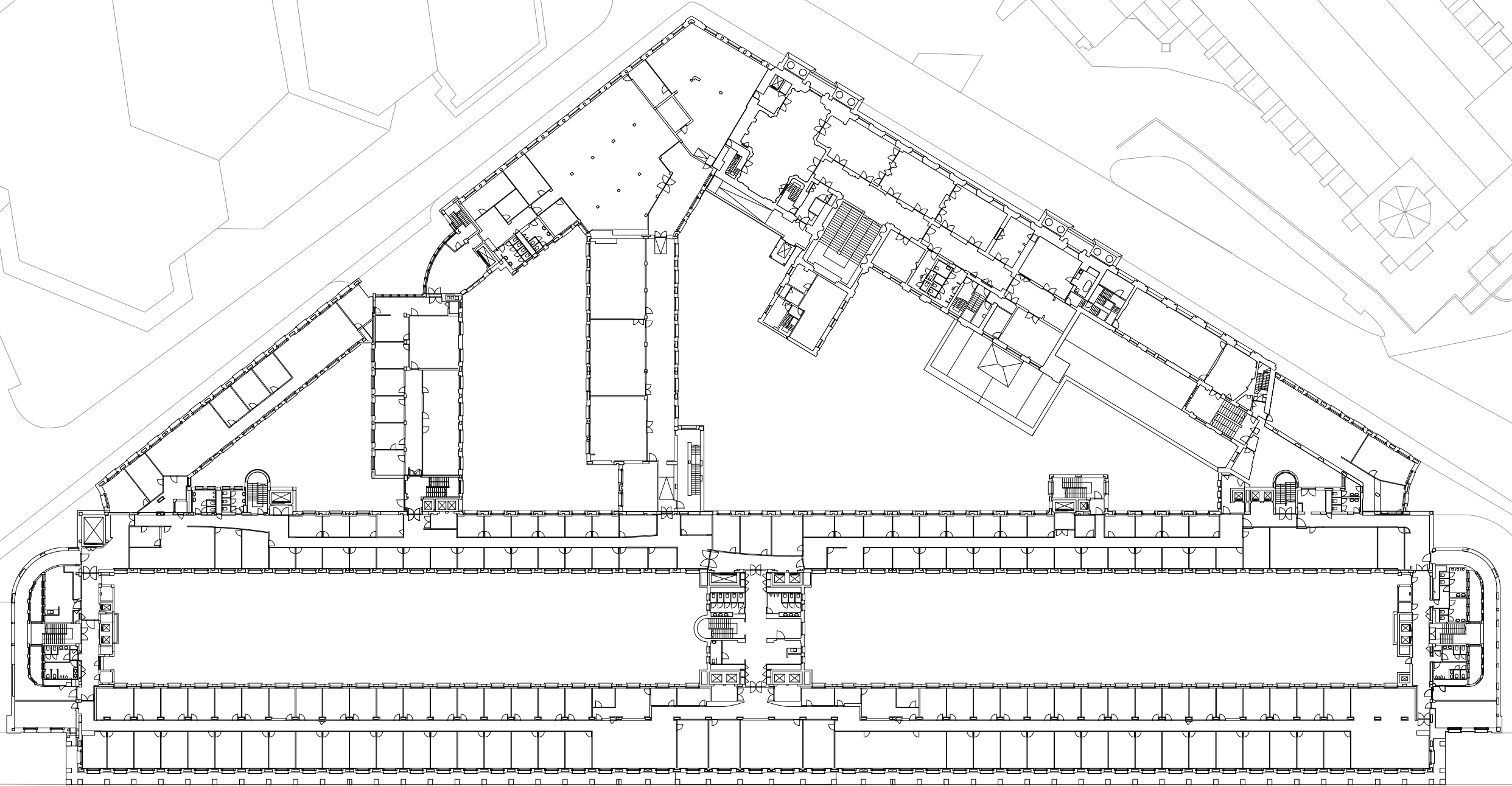
Public plinth



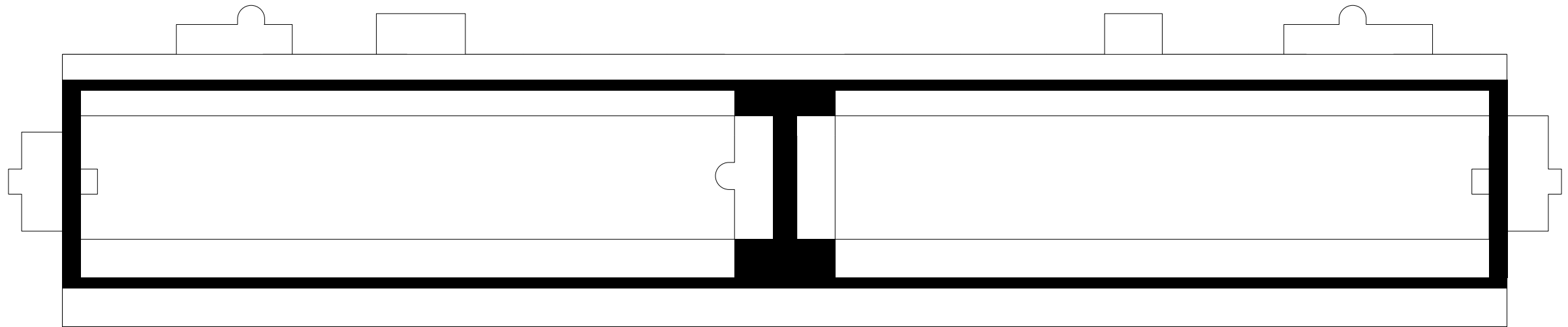
Office



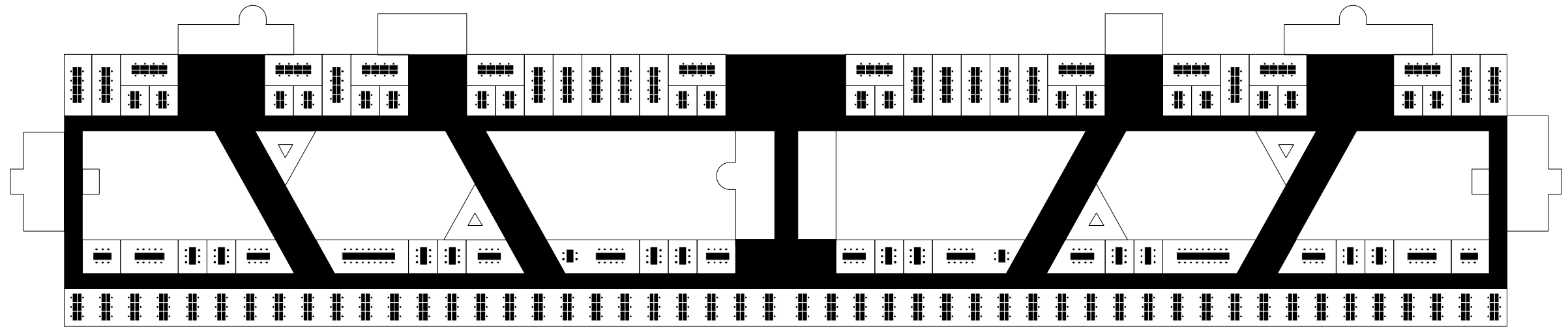
Office



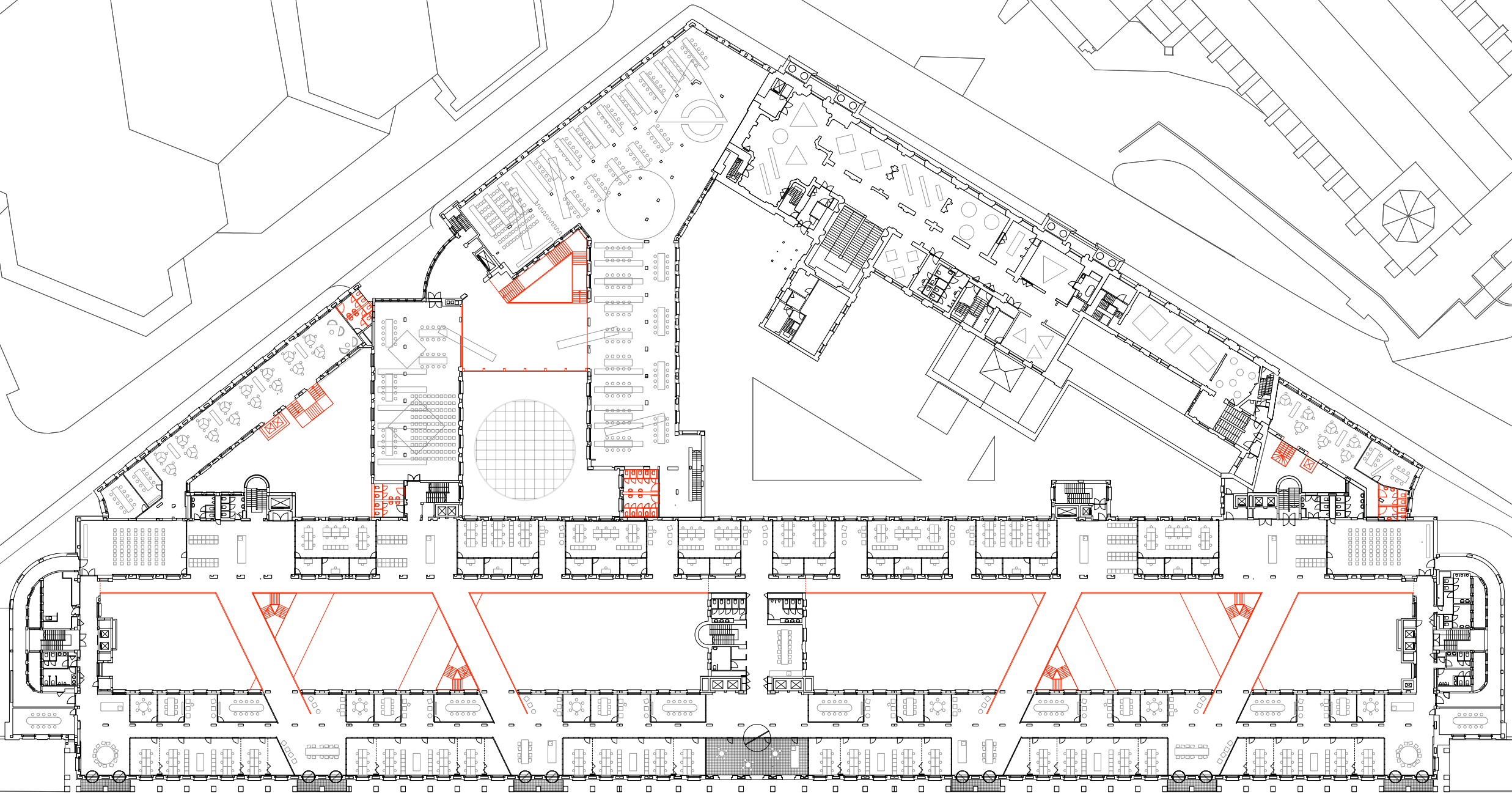
Office



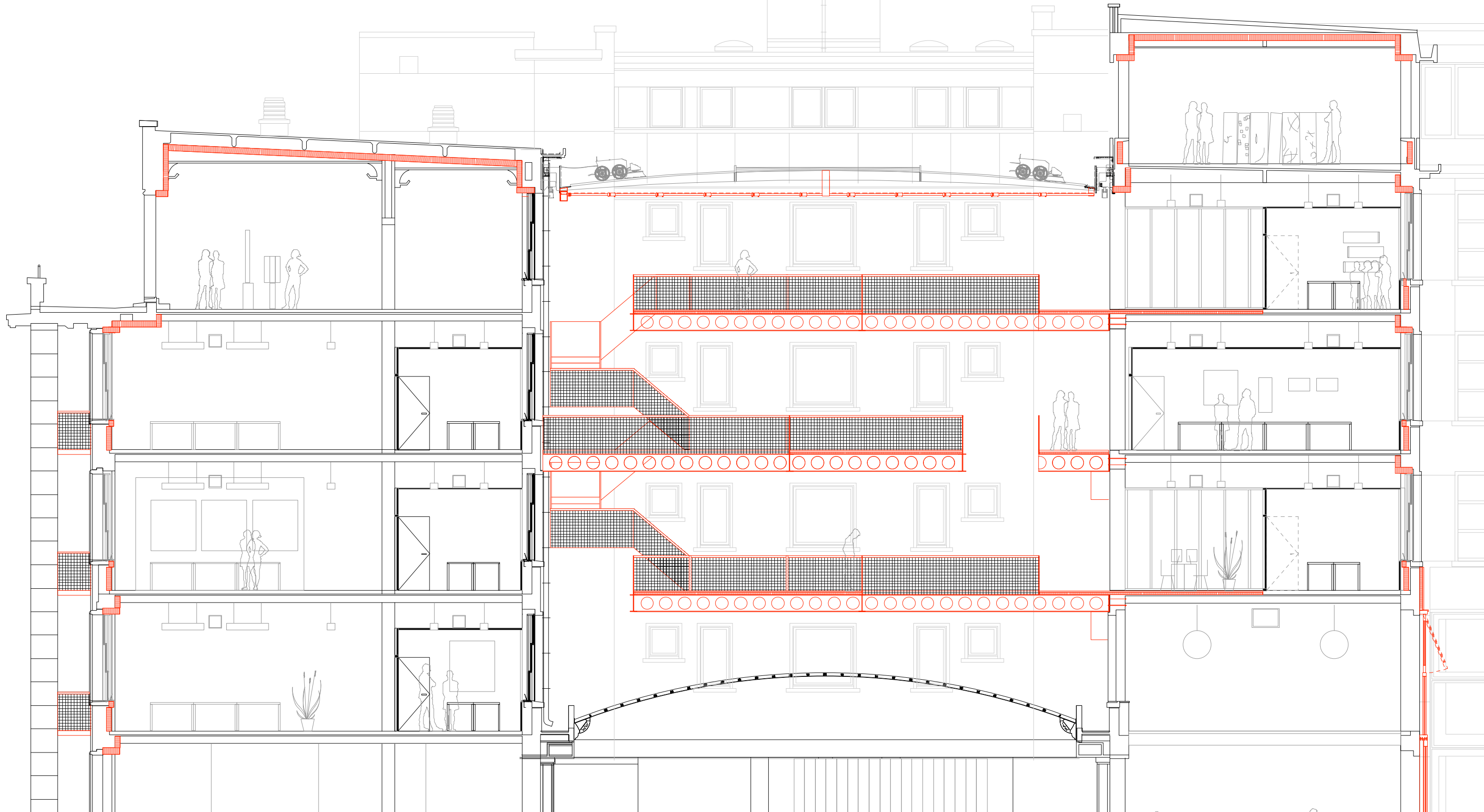
Office



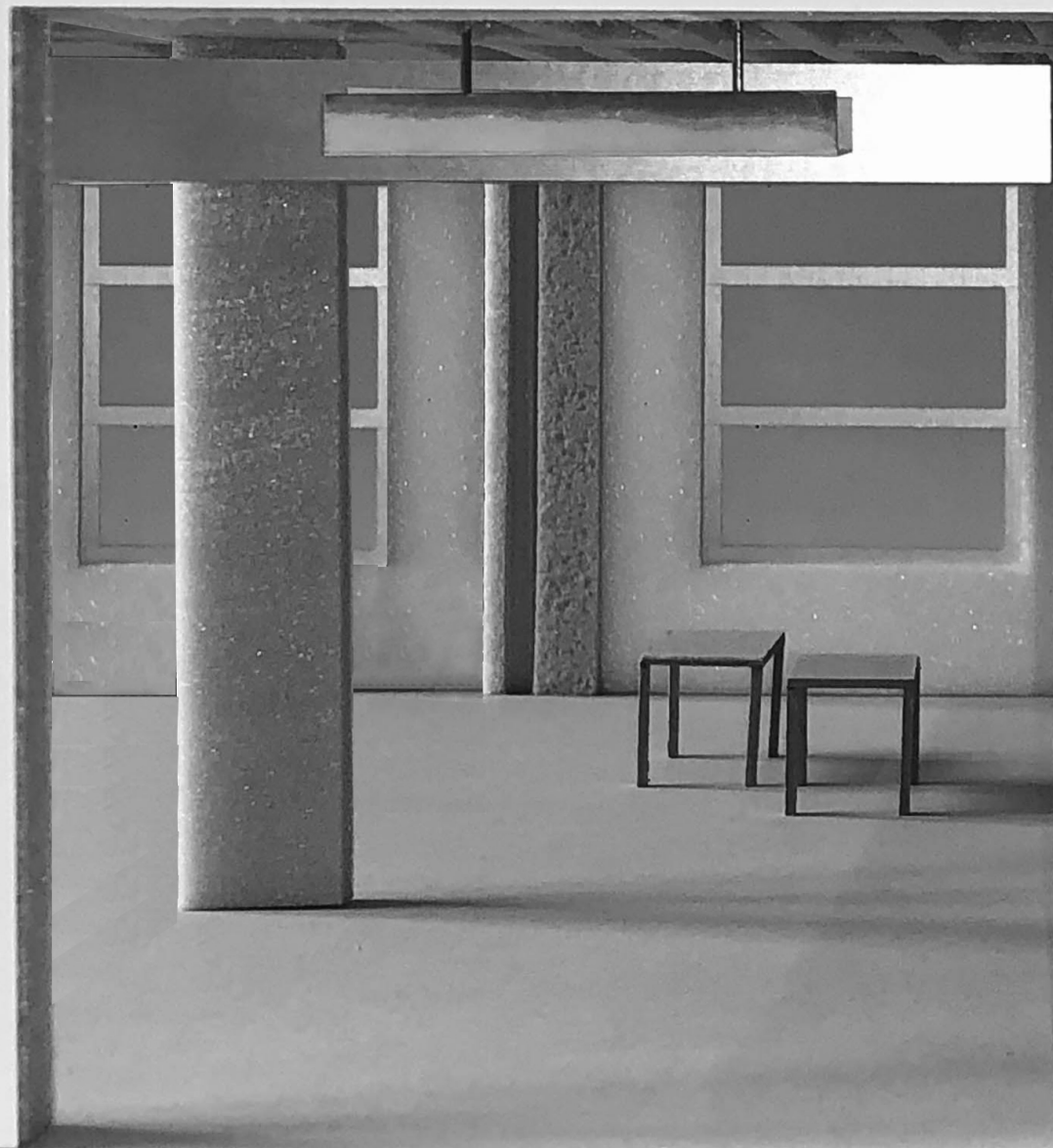
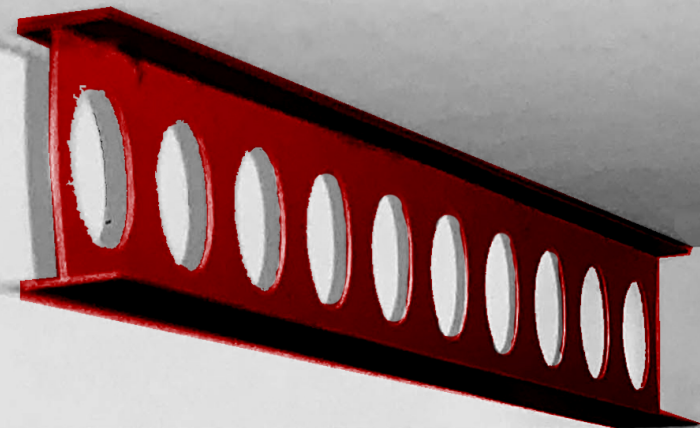
Office



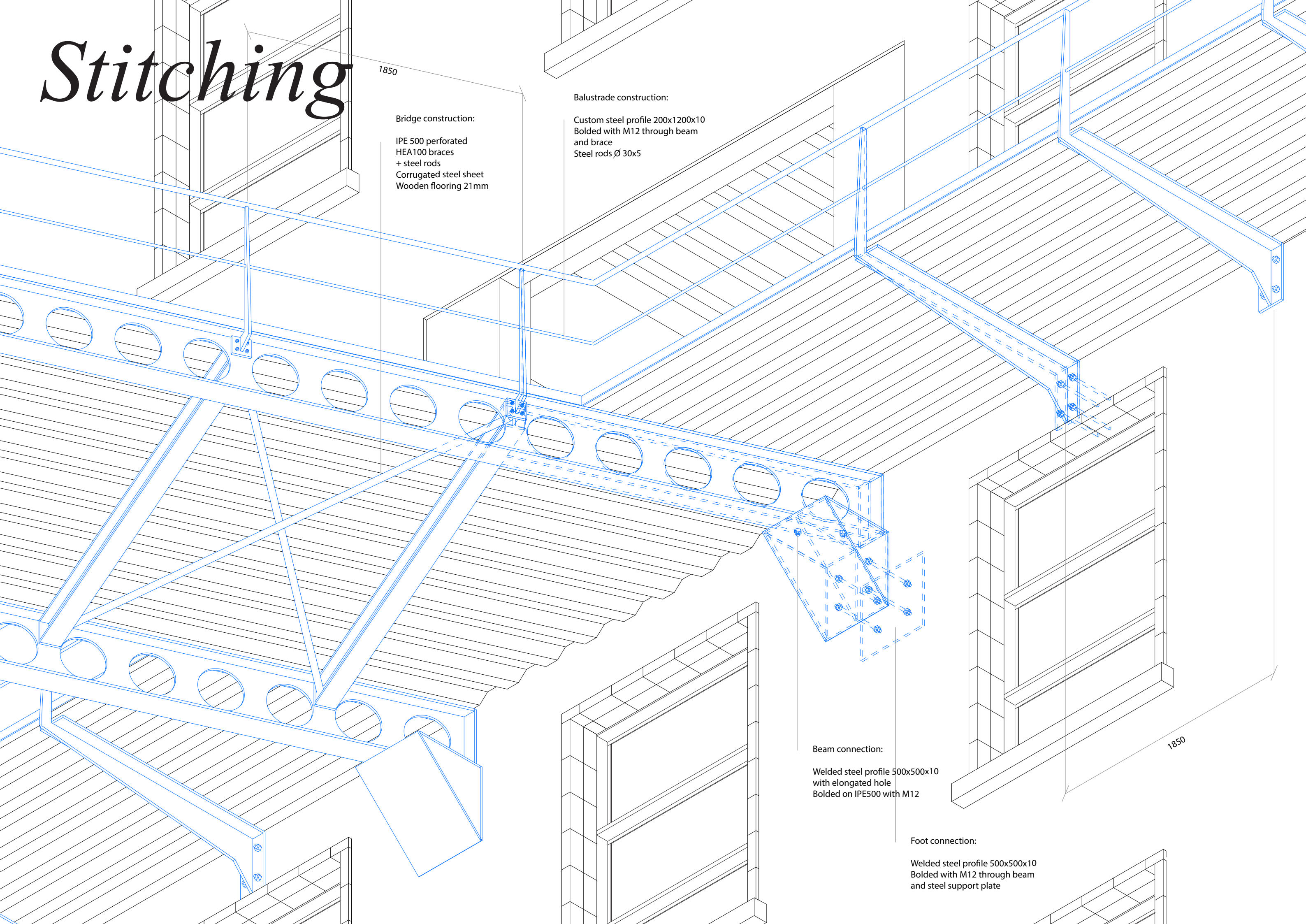
Stitching



Stitching



Stitching



1850

Bridge construction:

IPE 500 perforated
HEA100 braces
+ steel rods
Corrugated steel sheet
Wooden flooring 21mm

Balustrade construction:

Custom steel profile 200x1200x10
Bolted with M12 through beam
and brace
Steel rods $\varnothing 30 \times 5$

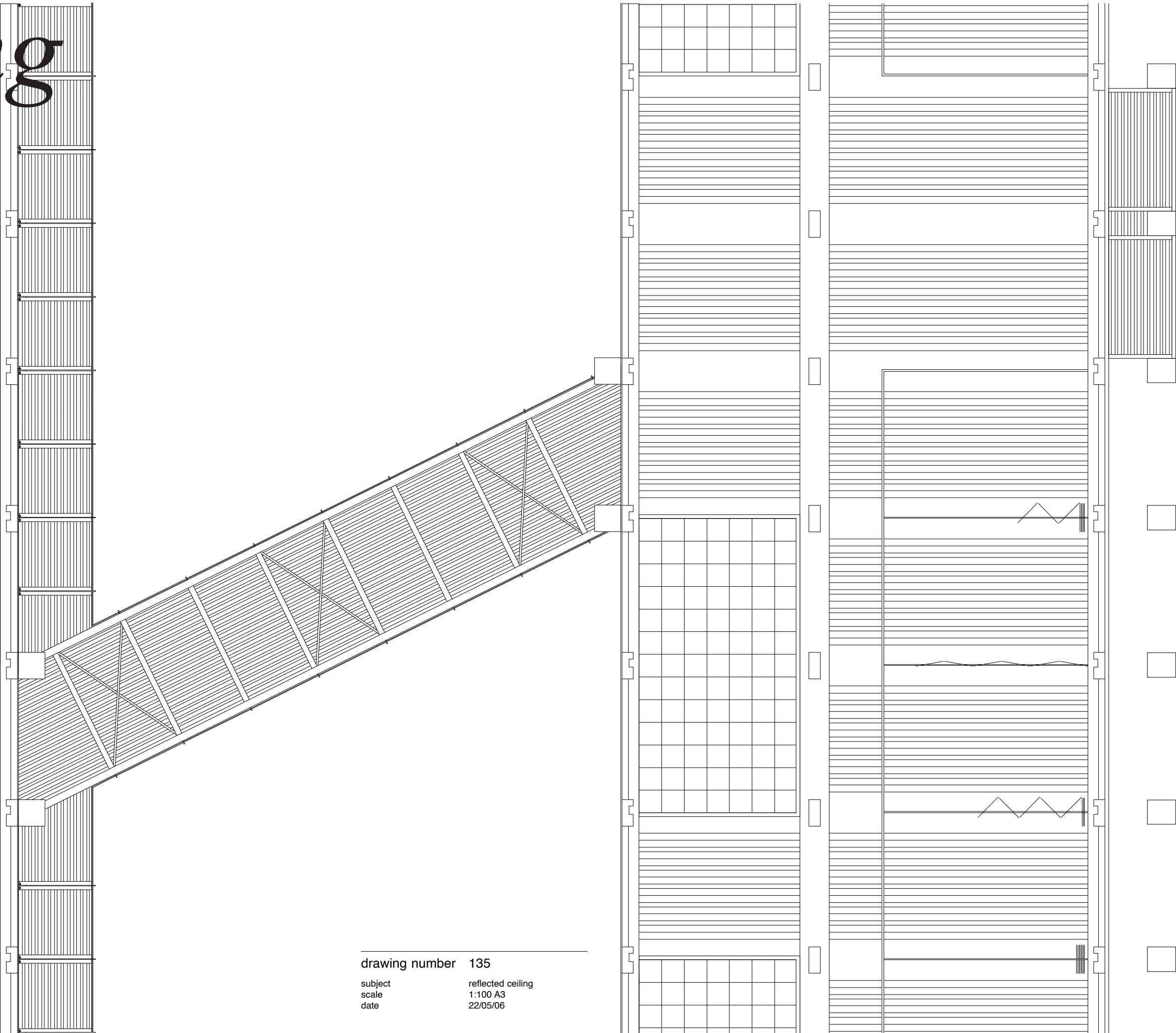
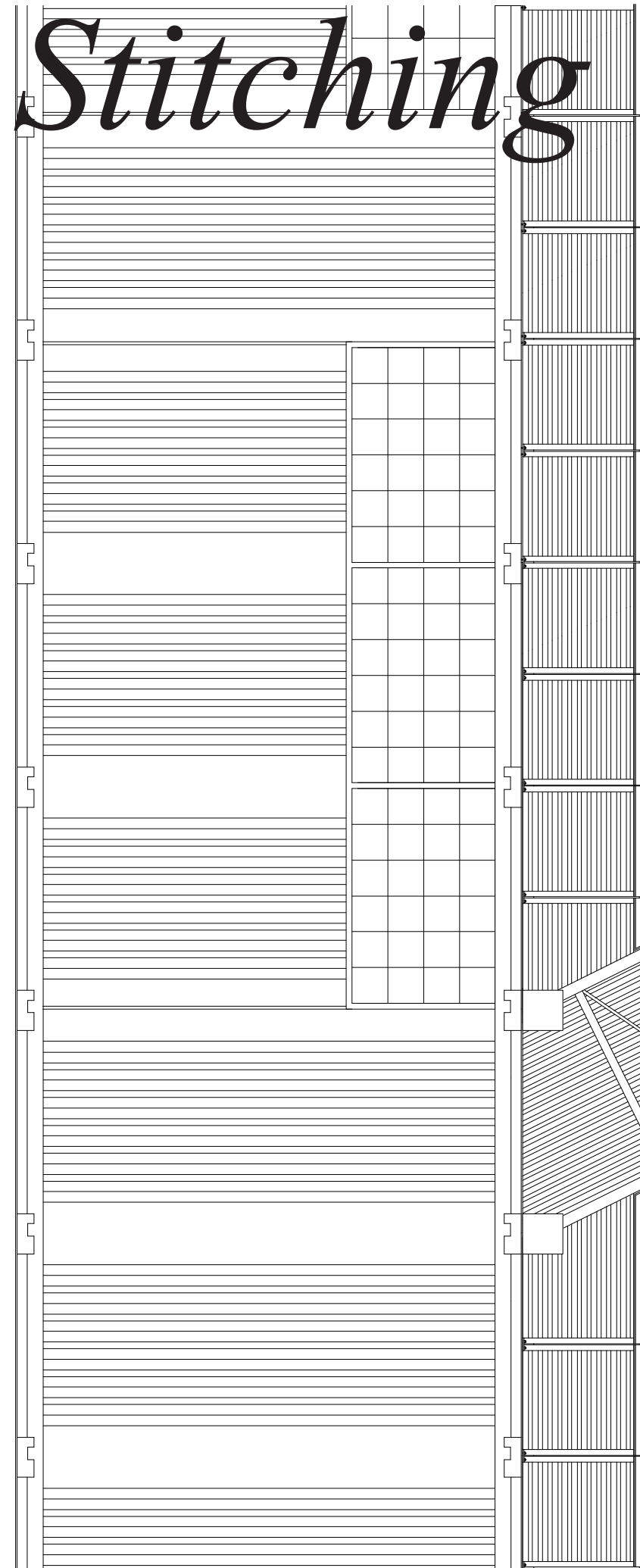
Beam connection:

Welded steel profile 500x500x10
with elongated hole
Bolted on IPE500 with M12

Foot connection:

Welded steel profile 500x500x10
Bolted with M12 through beam
and steel support plate

1850



drawing number 135

subject reflected ceiling
scale 1:100 A3
date 22/05/06

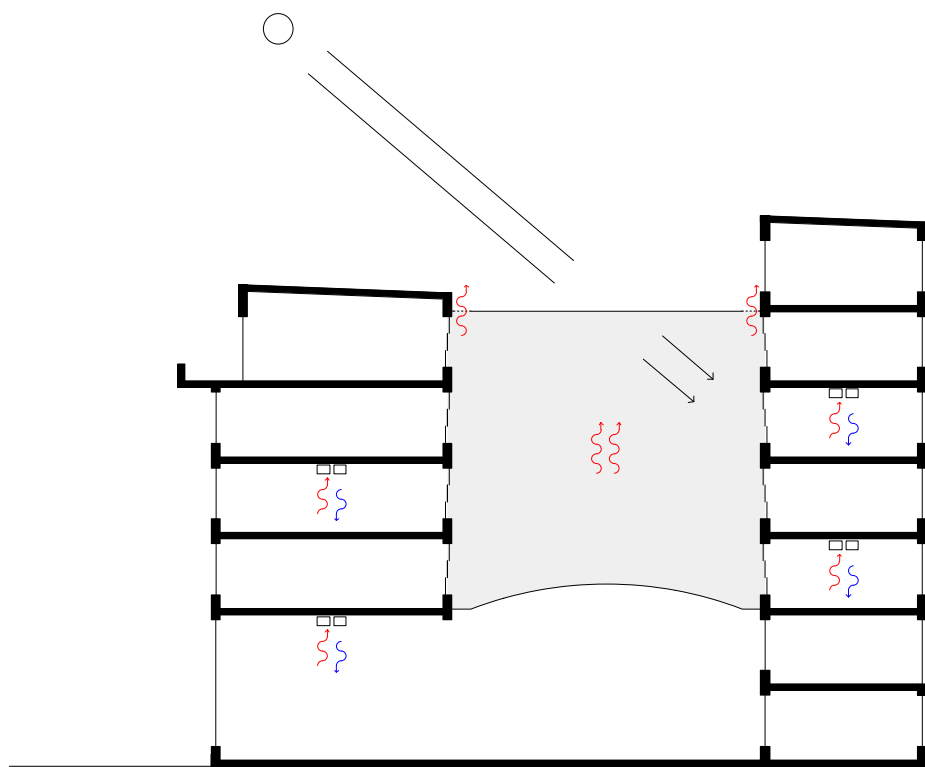


Stitching



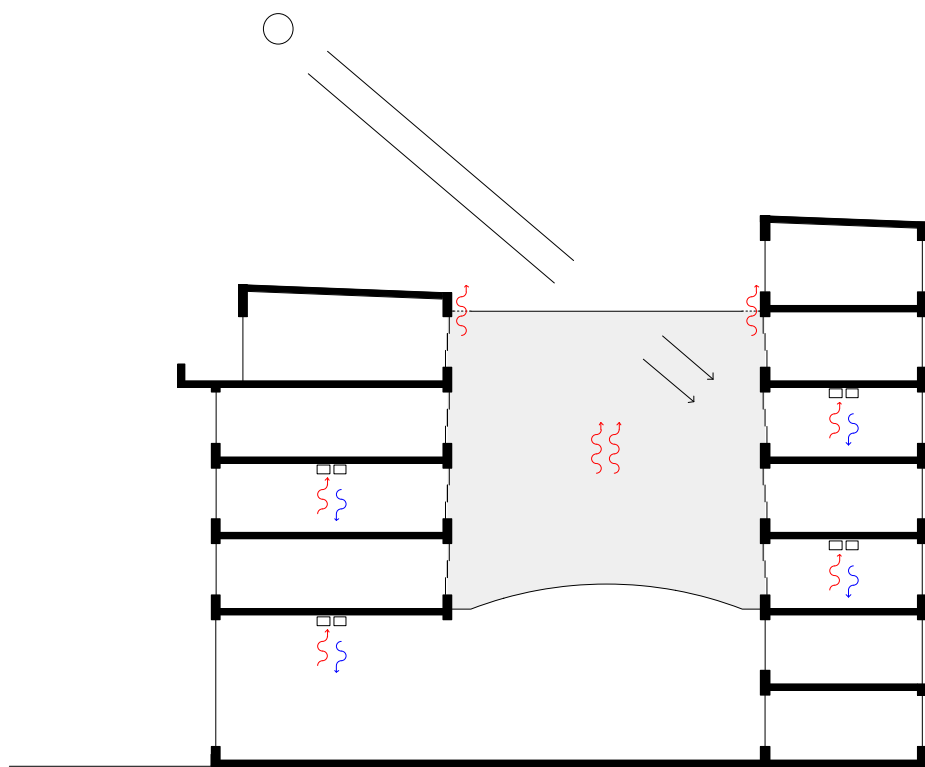
Stitching

Climate

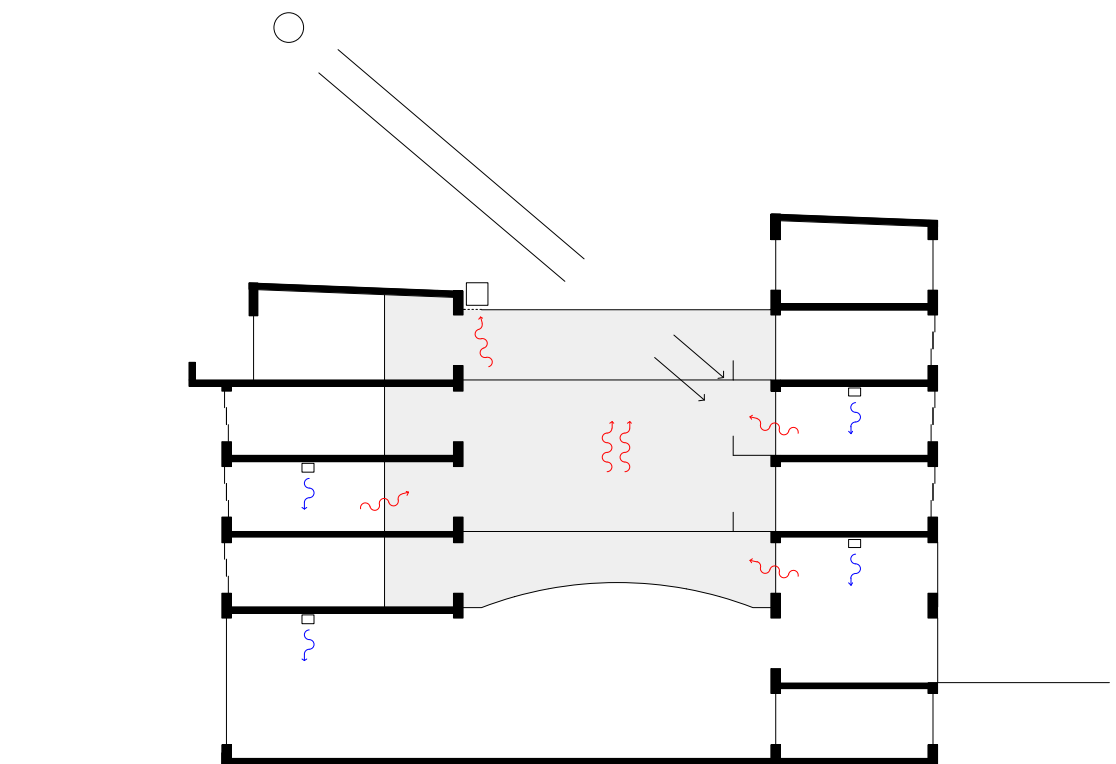


Current situation

Climate

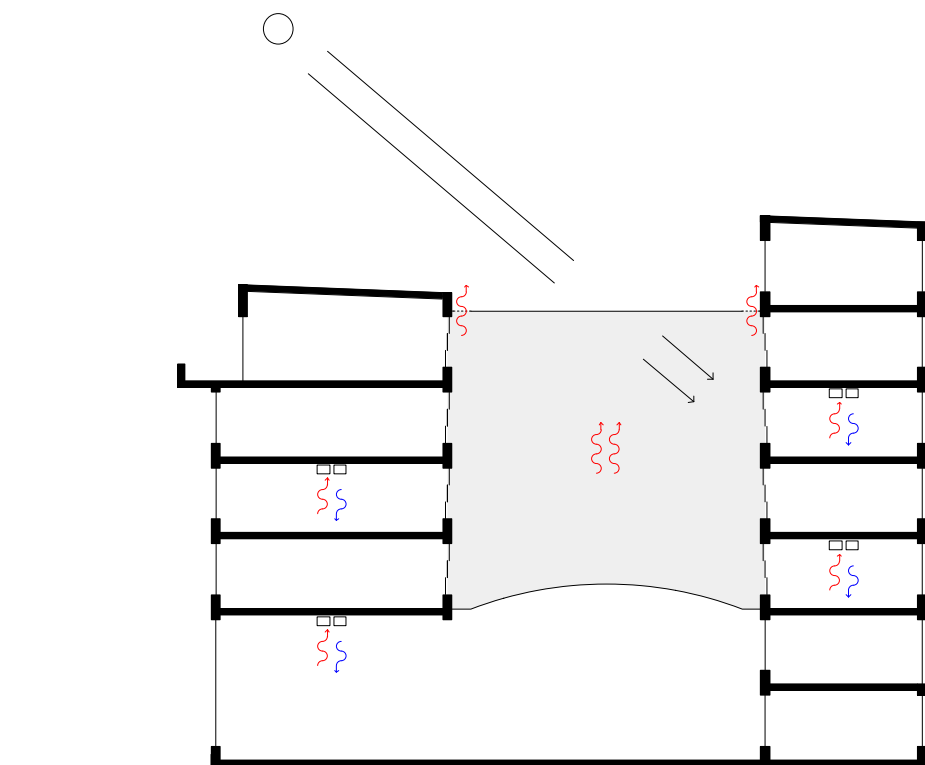


Current situation

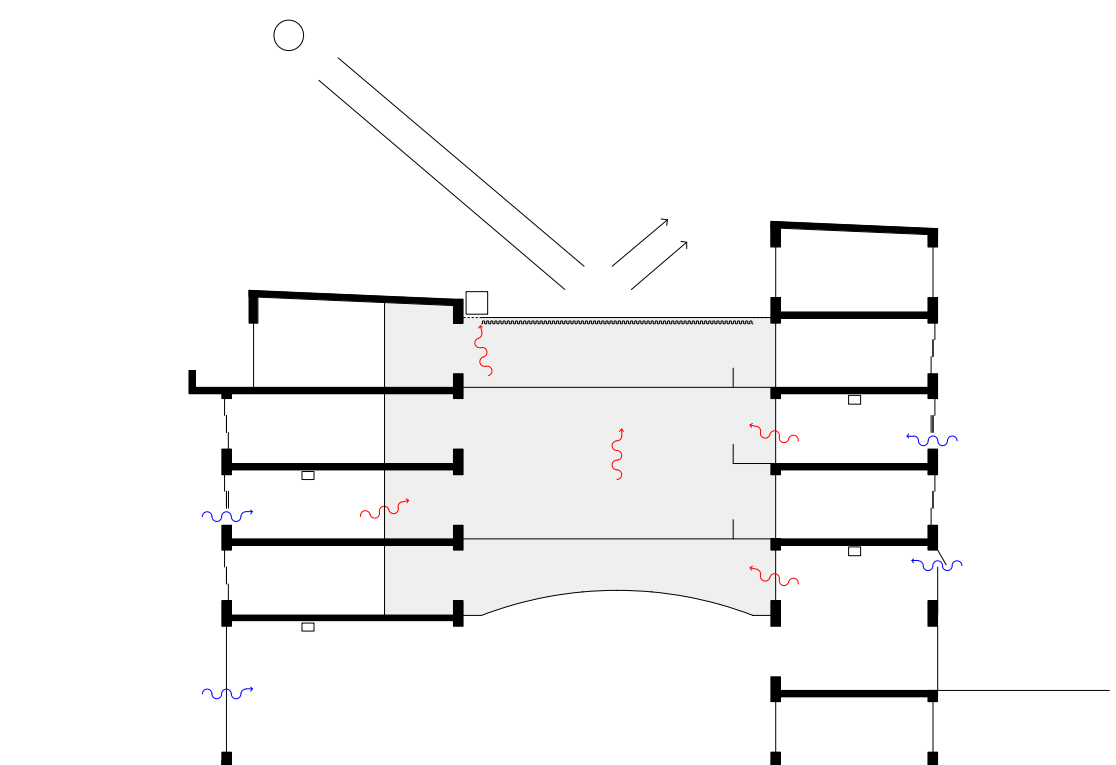


Winter

Climate

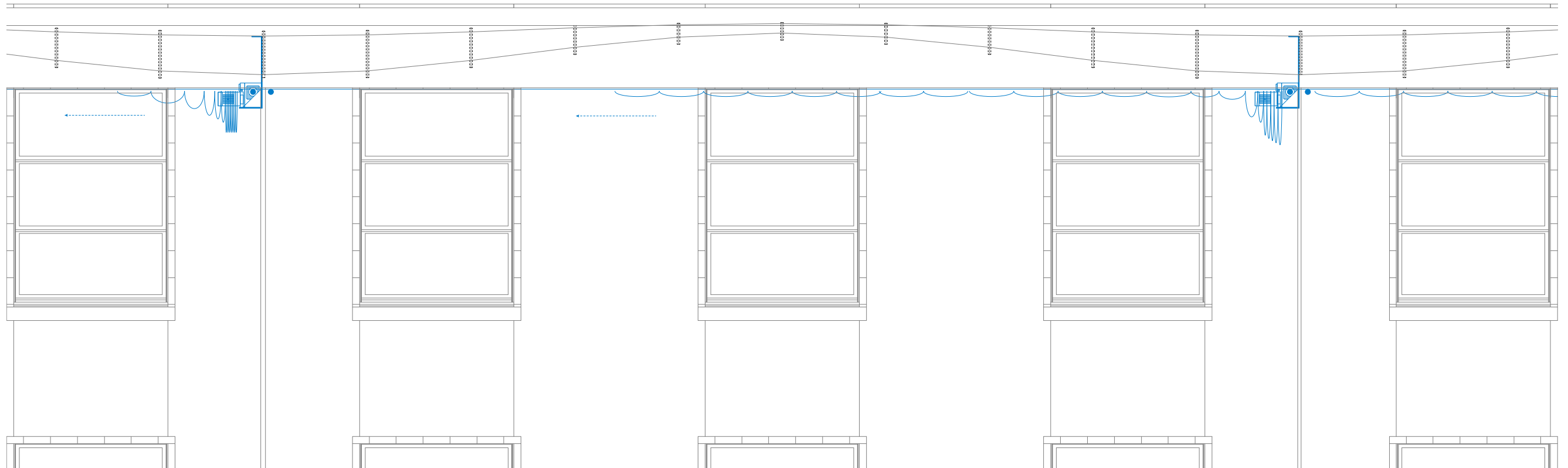
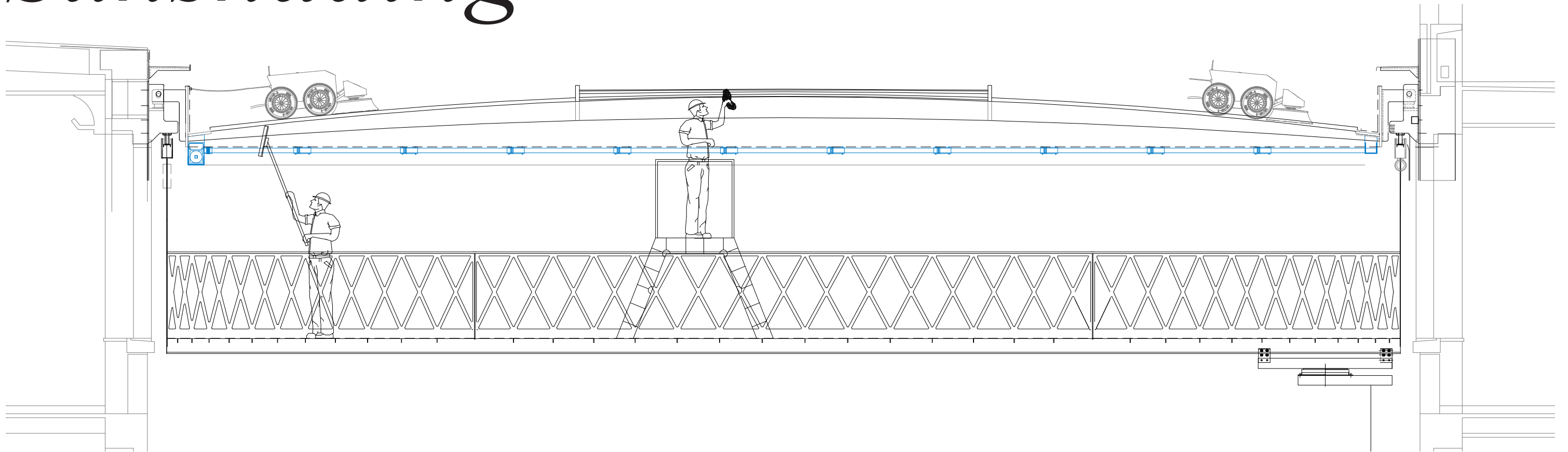


Current situation

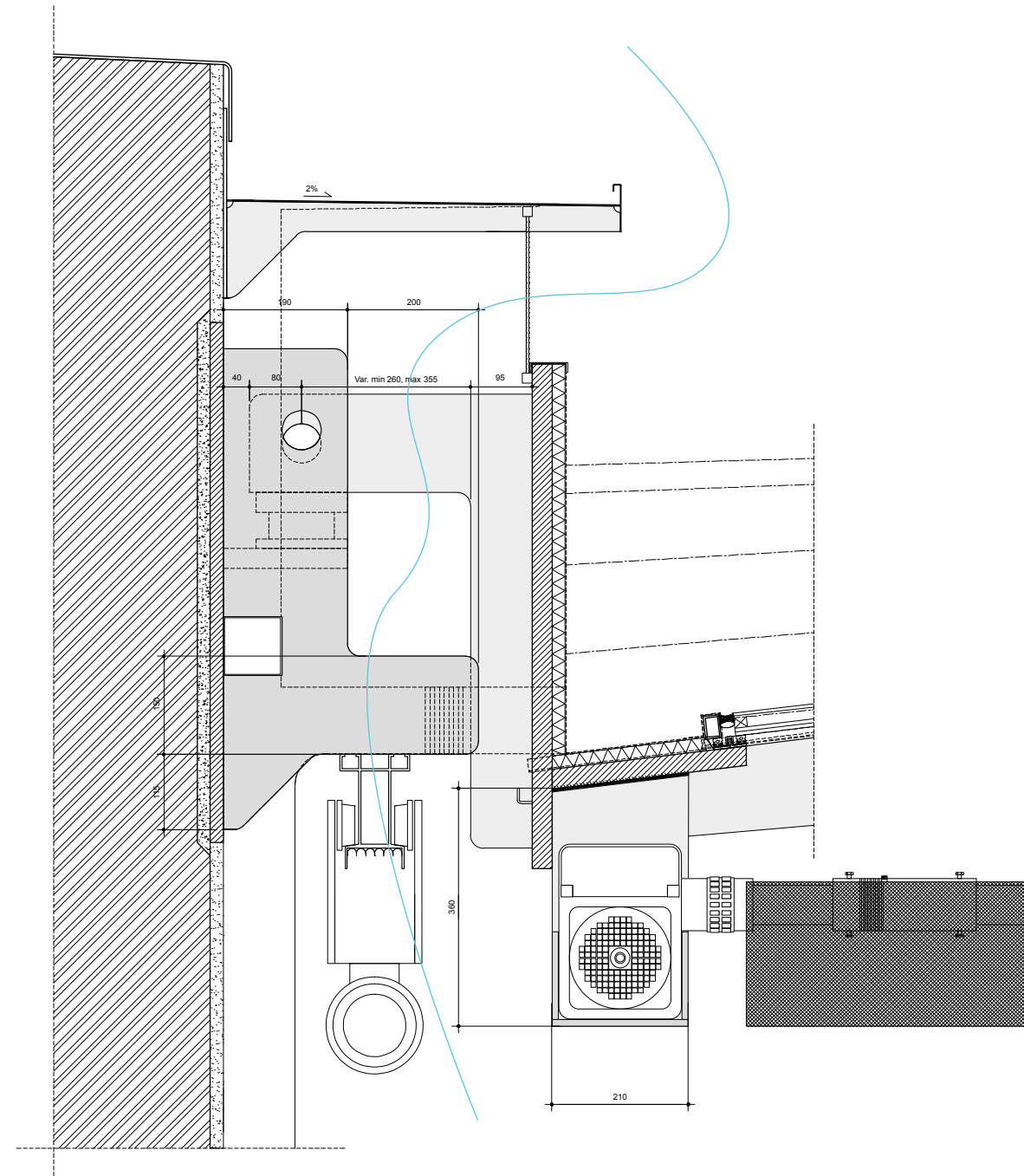
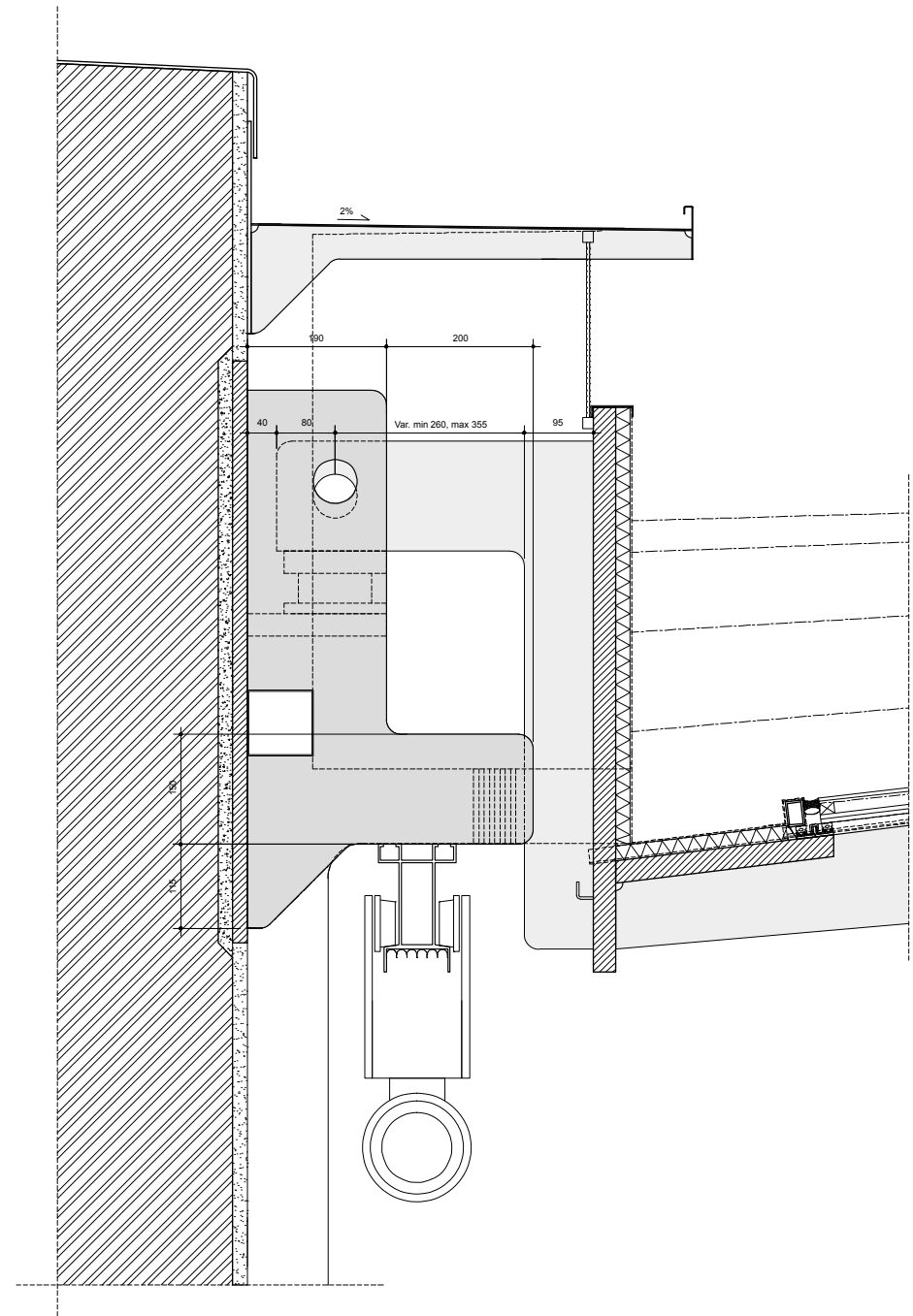


Summer

Sunshading

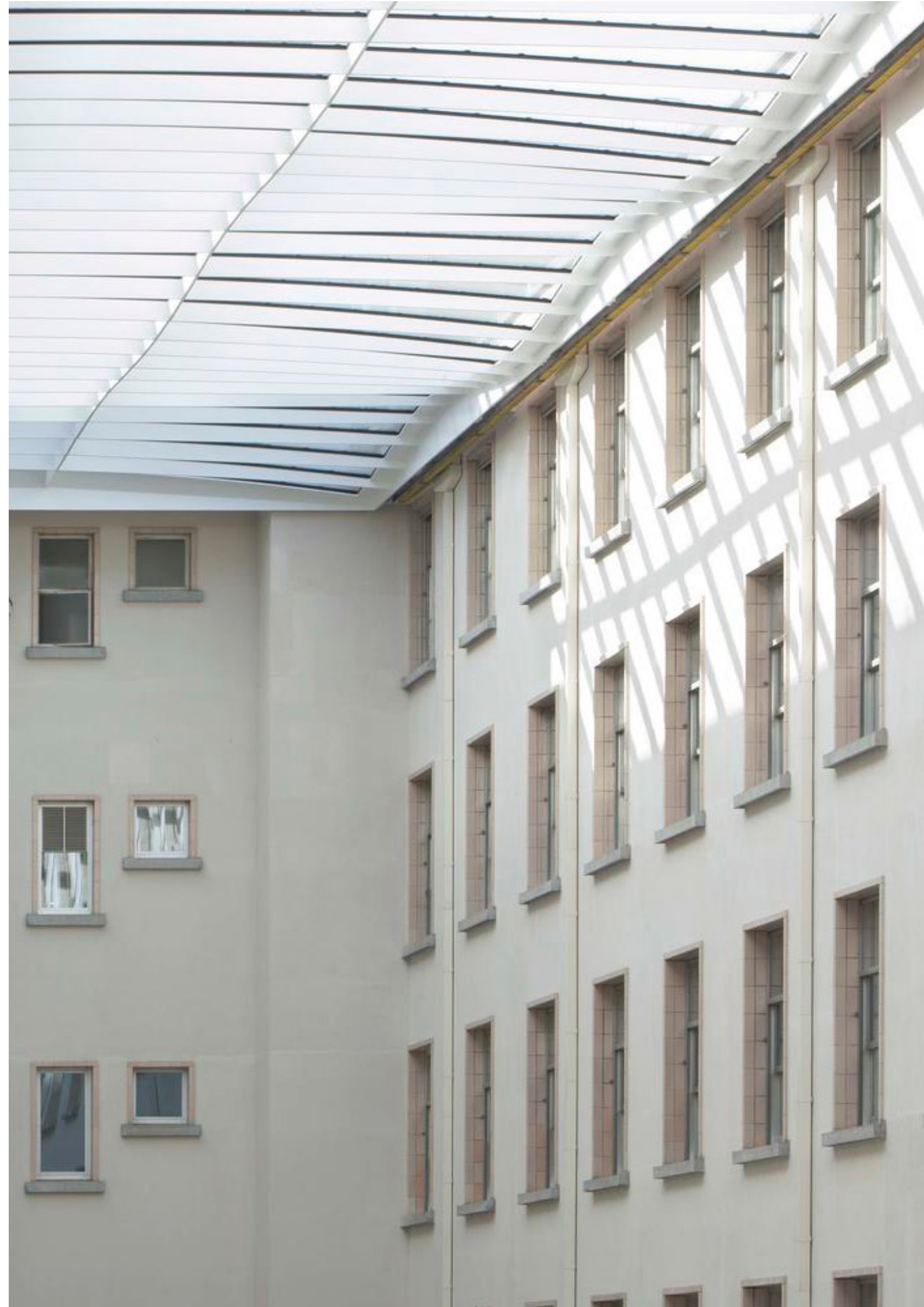


Sunshading



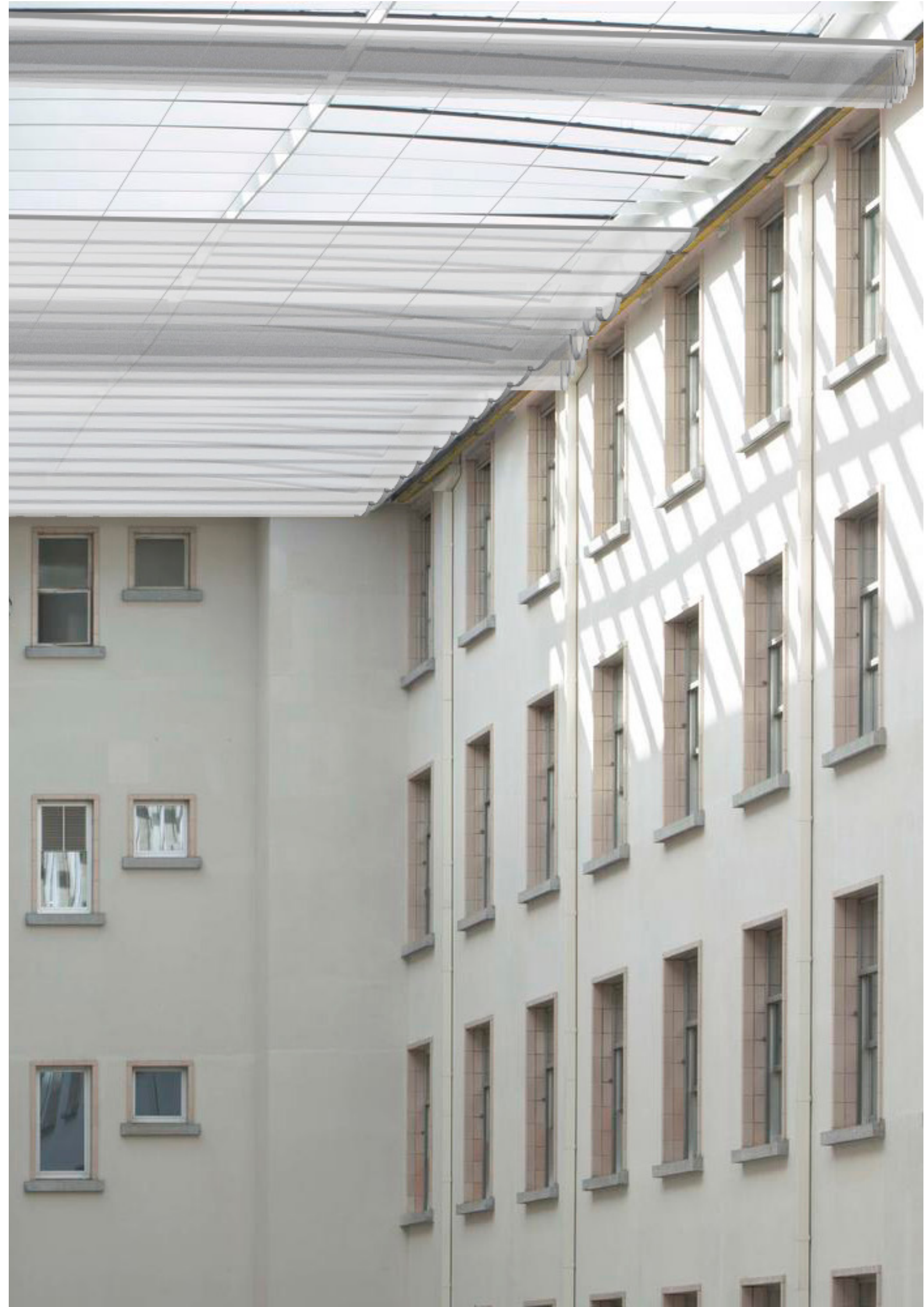
Sunshading

in collaboration with Laurens de Munck



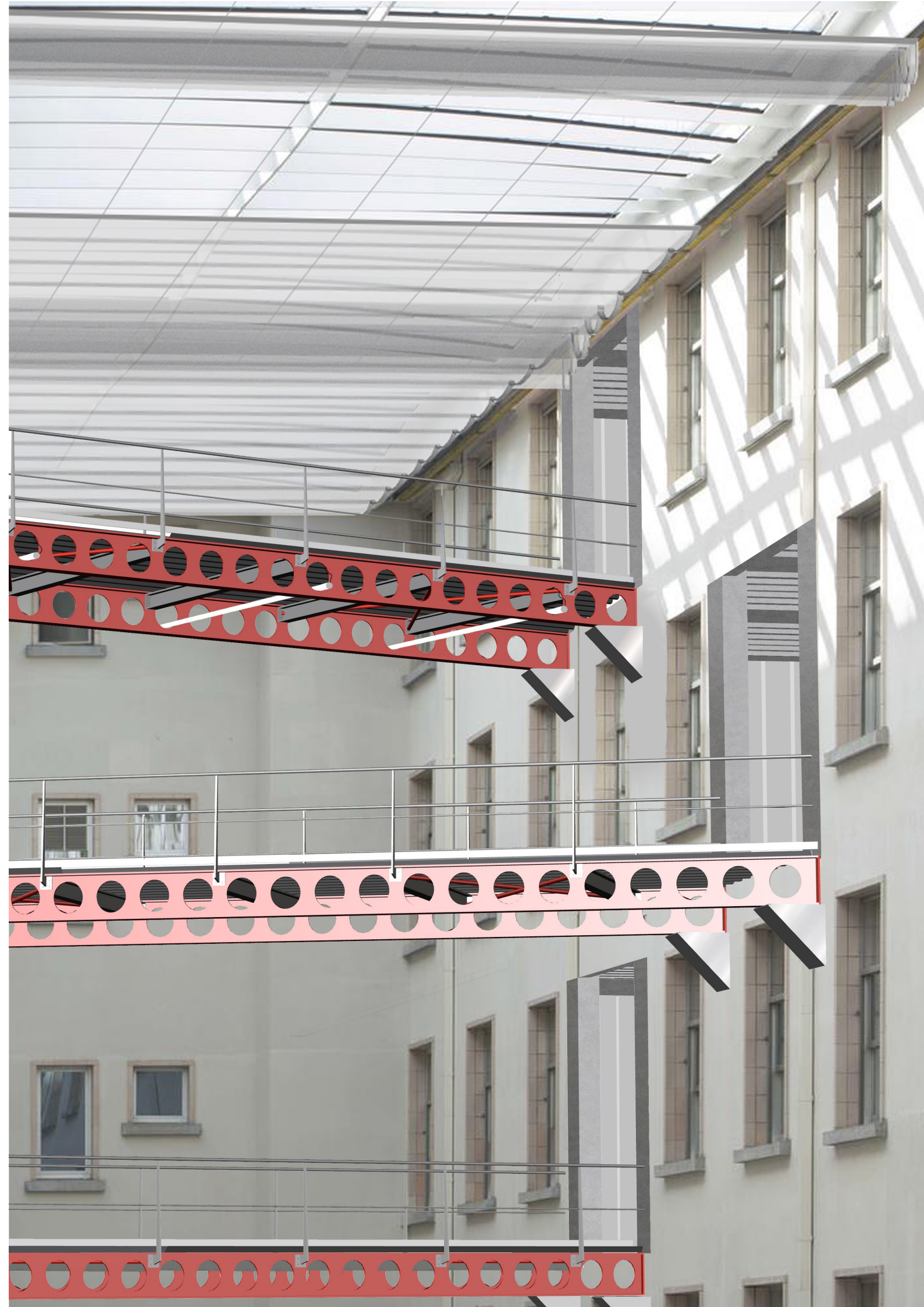
Sunshading

in collaboration with Laurens de Munck



Sunshading

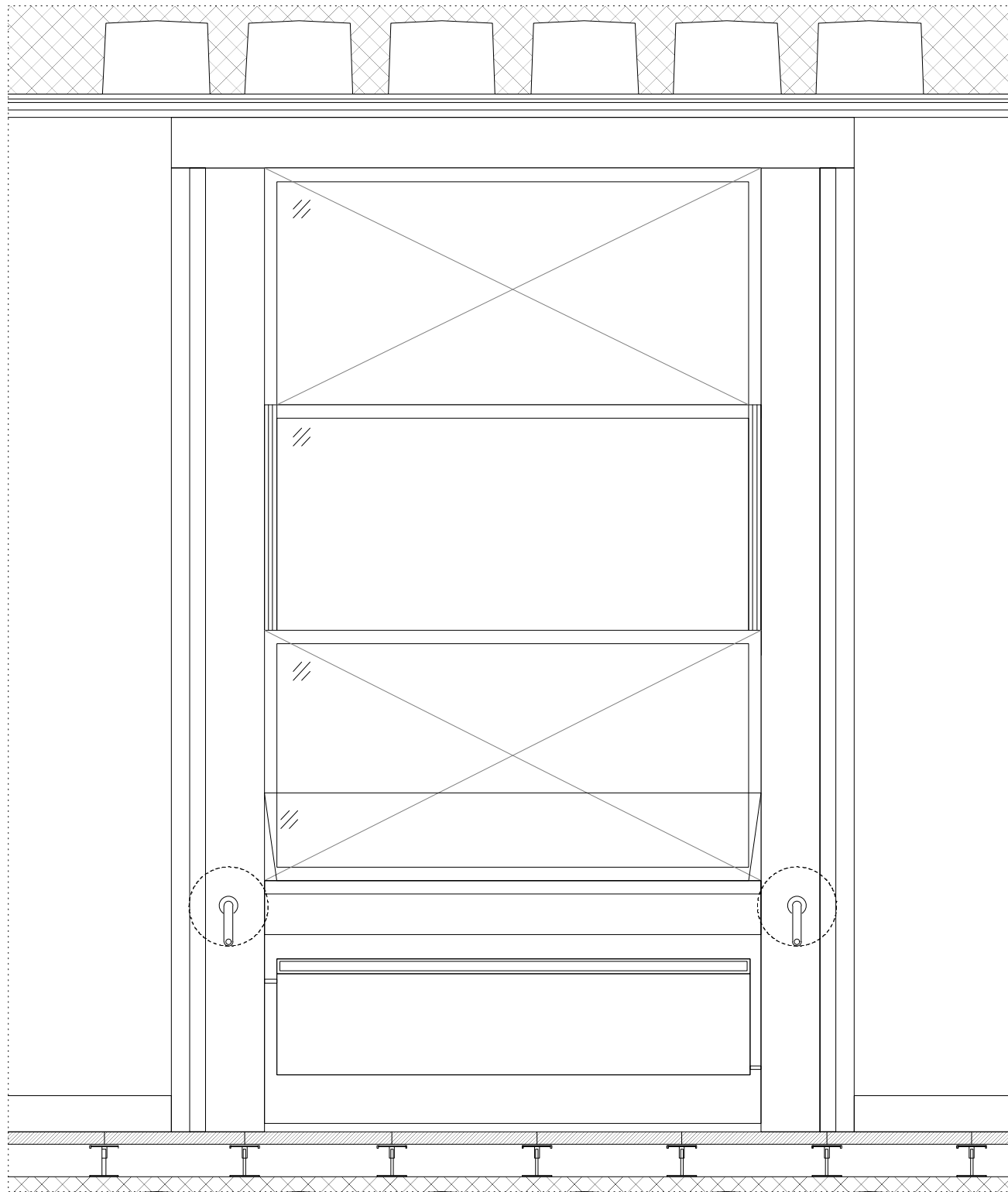
in collaboration with Laurens de Munck



Ventilation



Ventilation

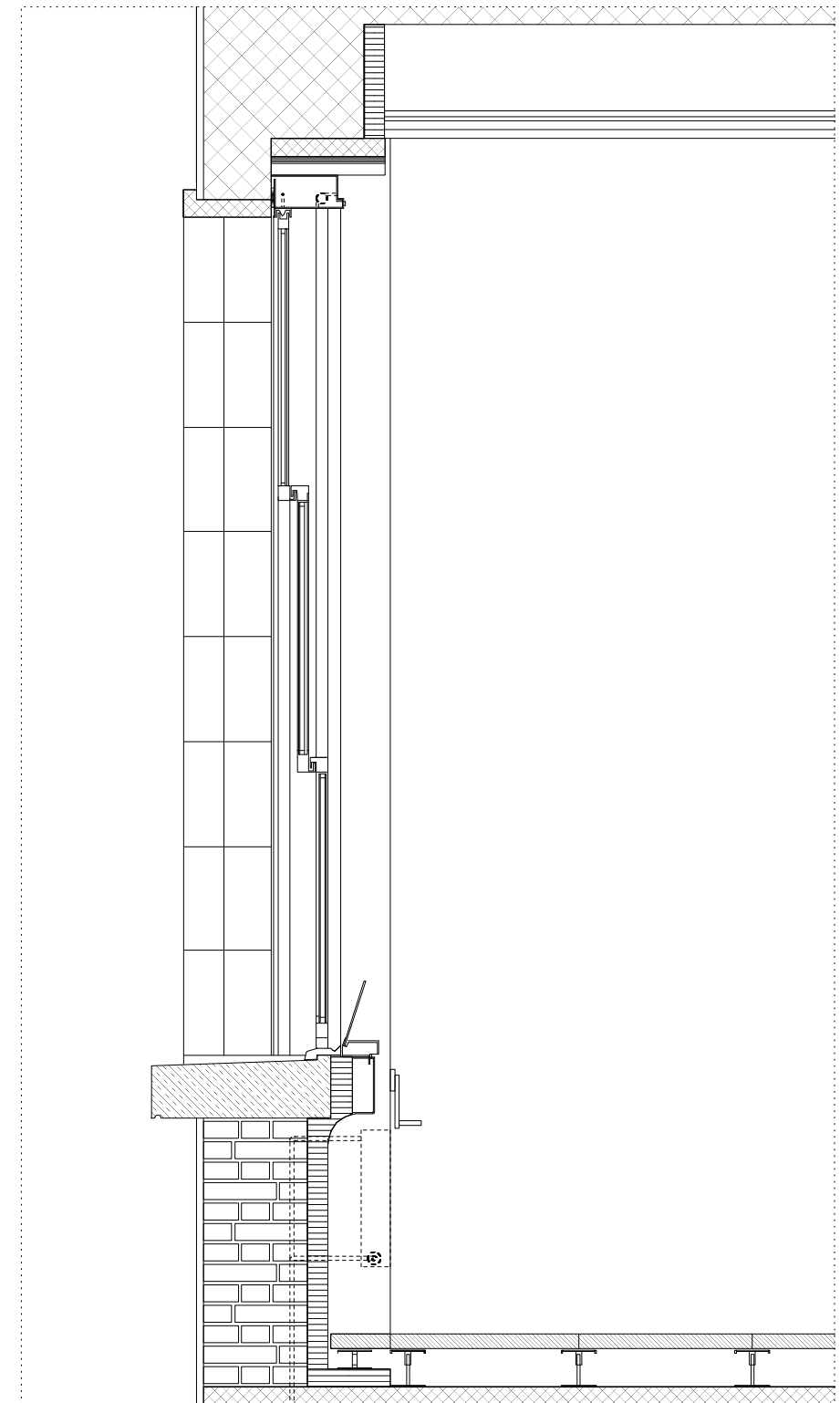
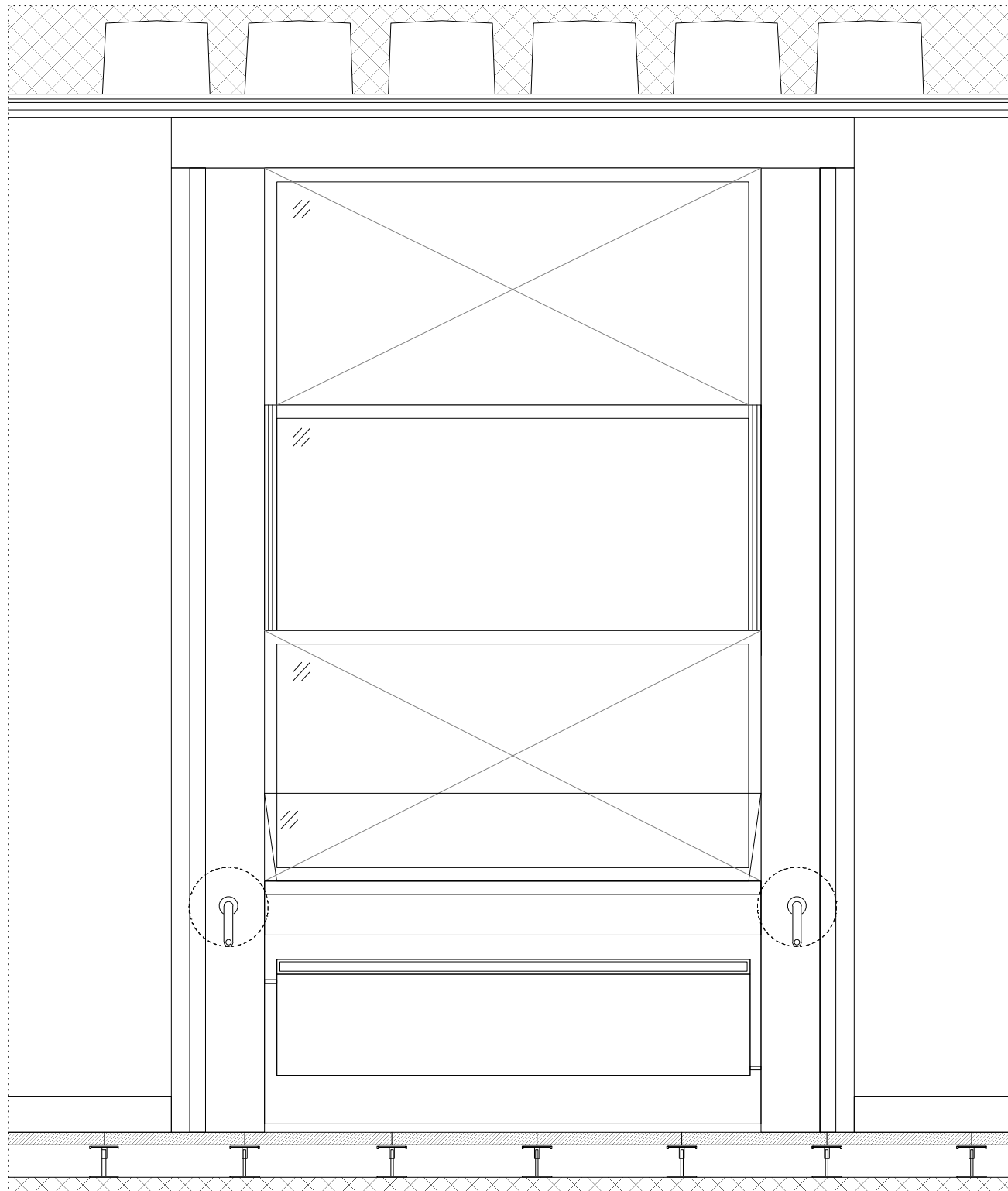


drawing number 606

subject
scale
date

reuse window detail
1:20 A3
22/05/03

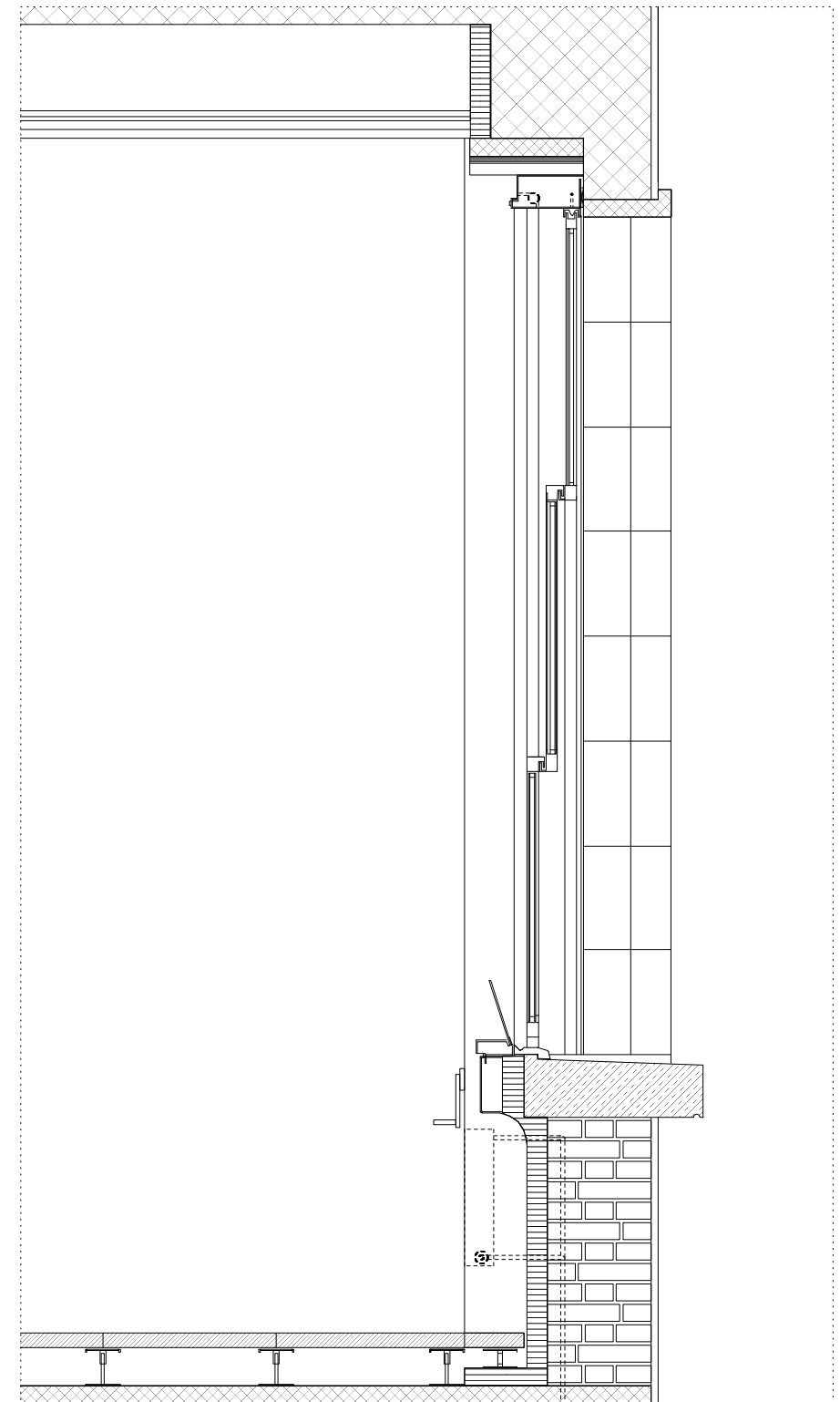
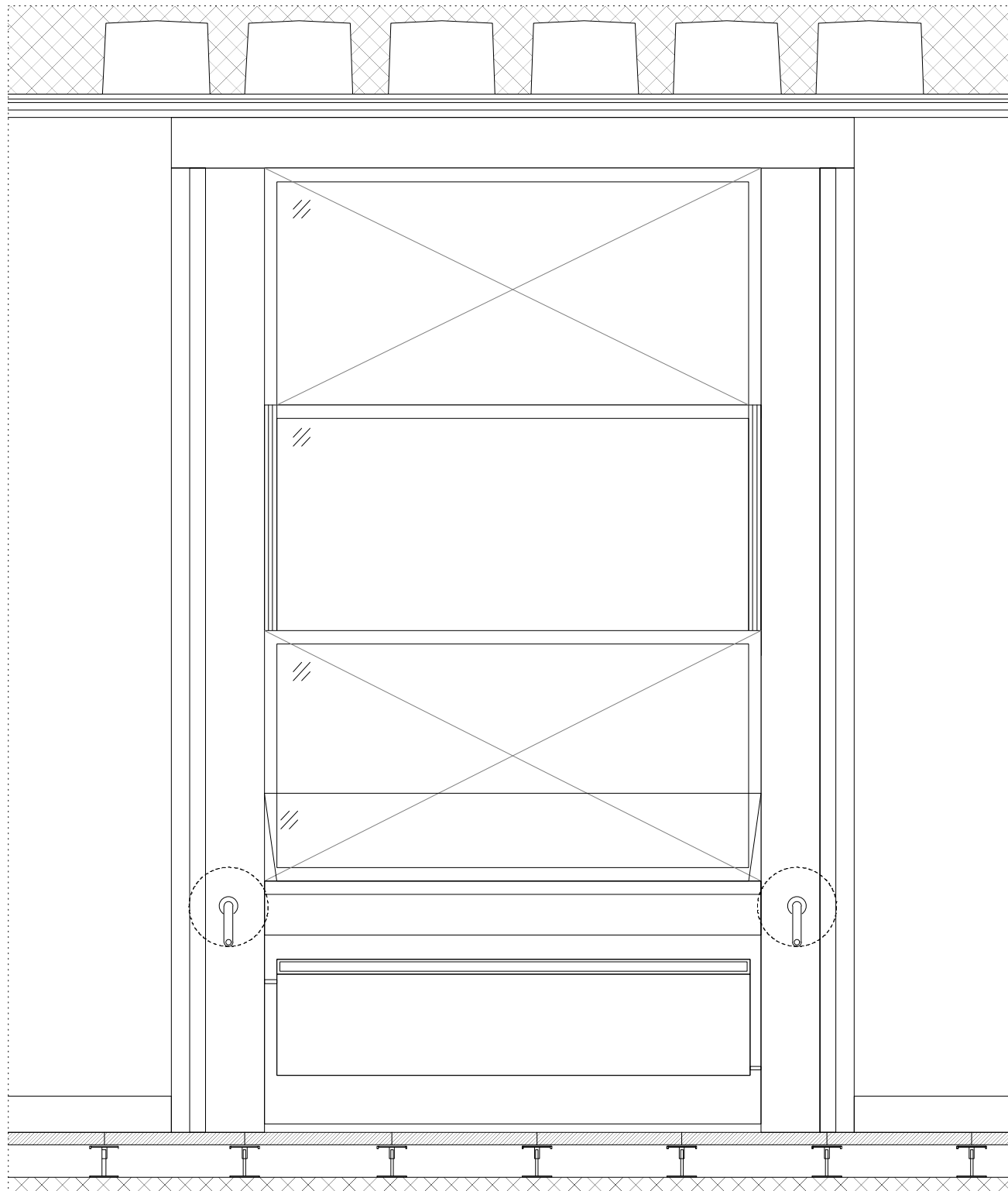
Ventilation



drawing number 606

subject	reuse window detail
scale	1:20 A3
date	22/05/03

Ventilation

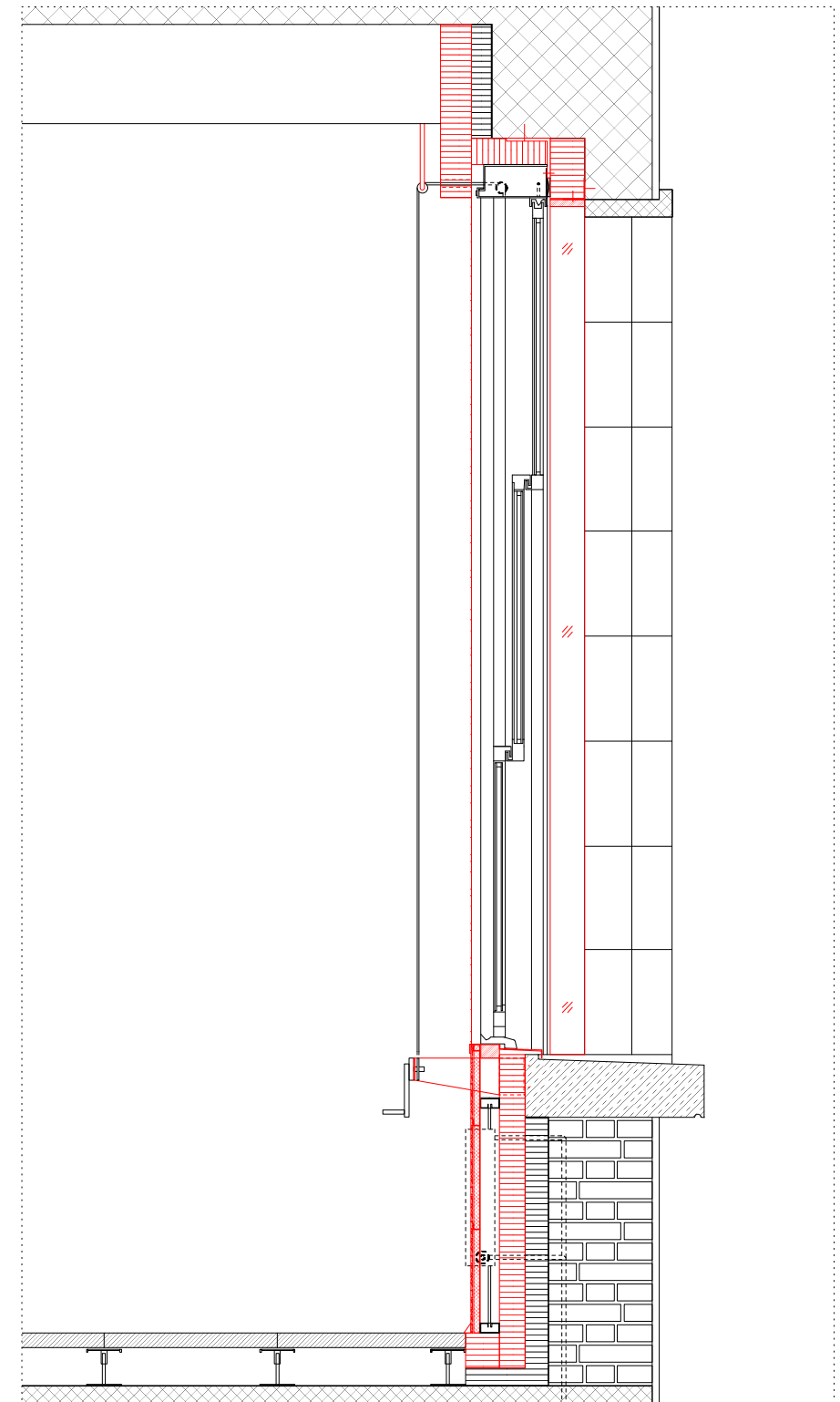
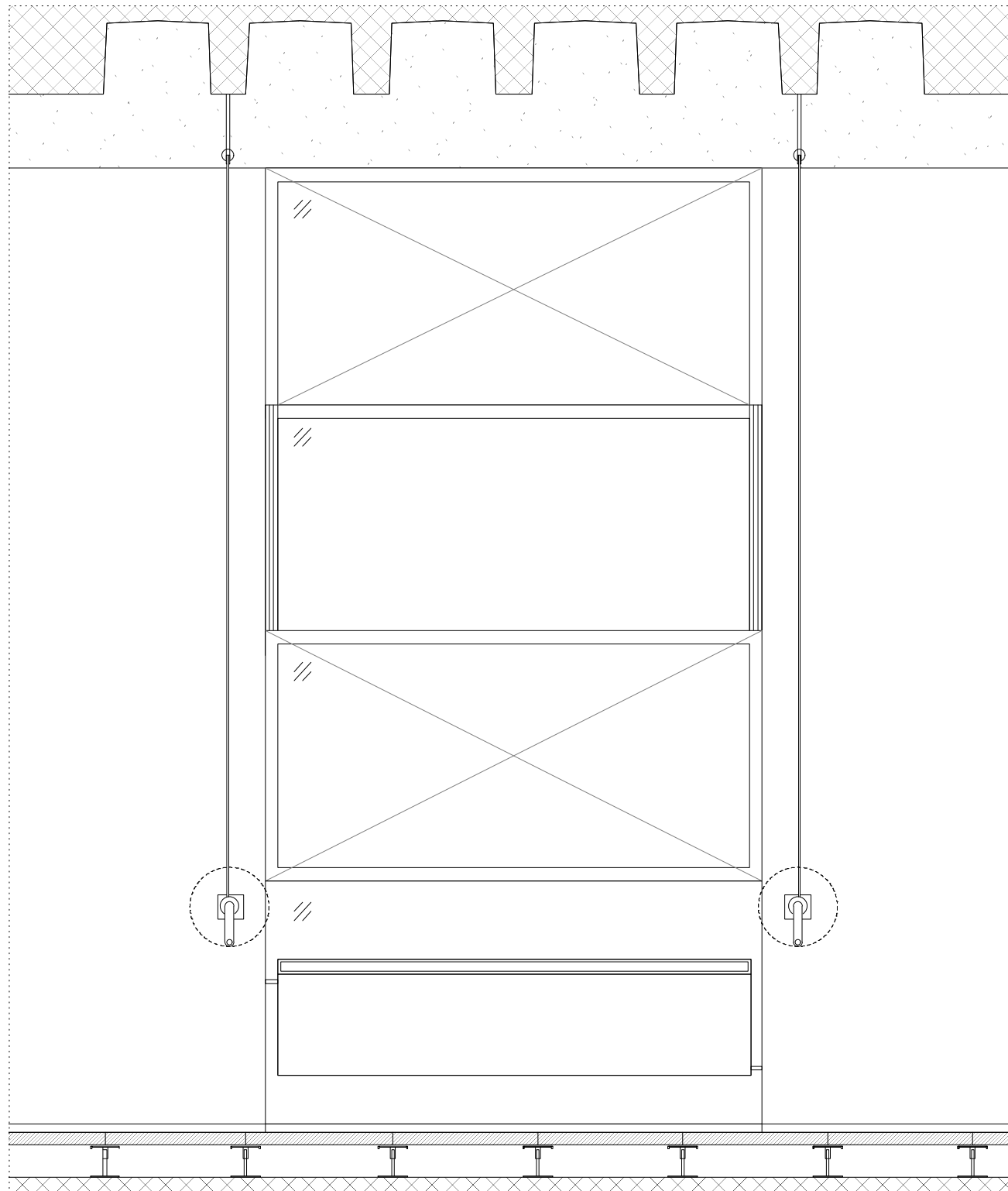


drawing number 606

subject
scale
date

reuse window detail
1:20 A3
22/05/03

Ventilation



drawing number 606

subject
scale
date

reuse window detail
1:20 A3
22/05/03

Ventilation



What work environments will the bank facilitate?

Office



Office

model by: Bas Leemans, Natalia Drozdowska, Lai Yichen, Romyana Toncheva

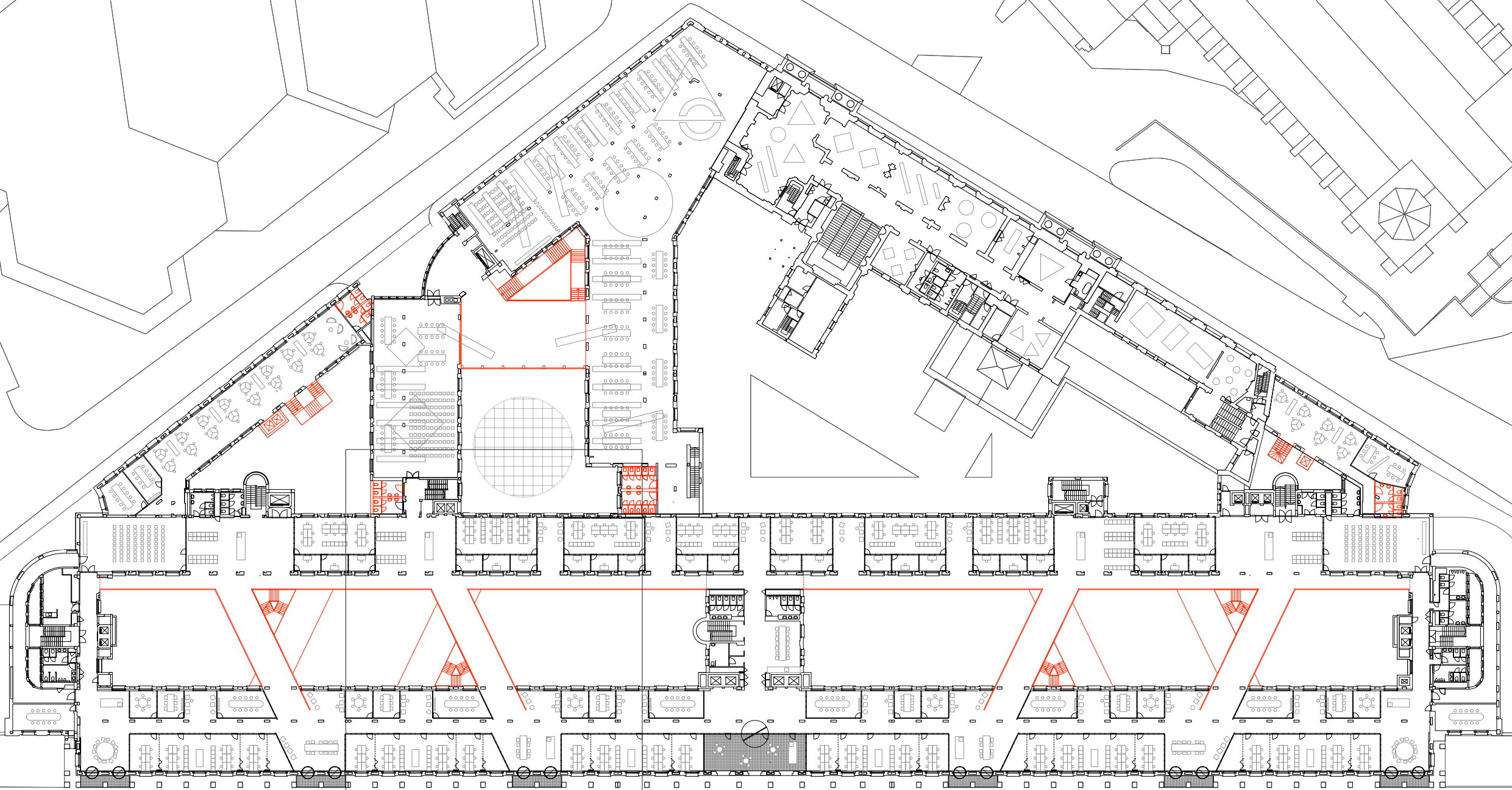


Office

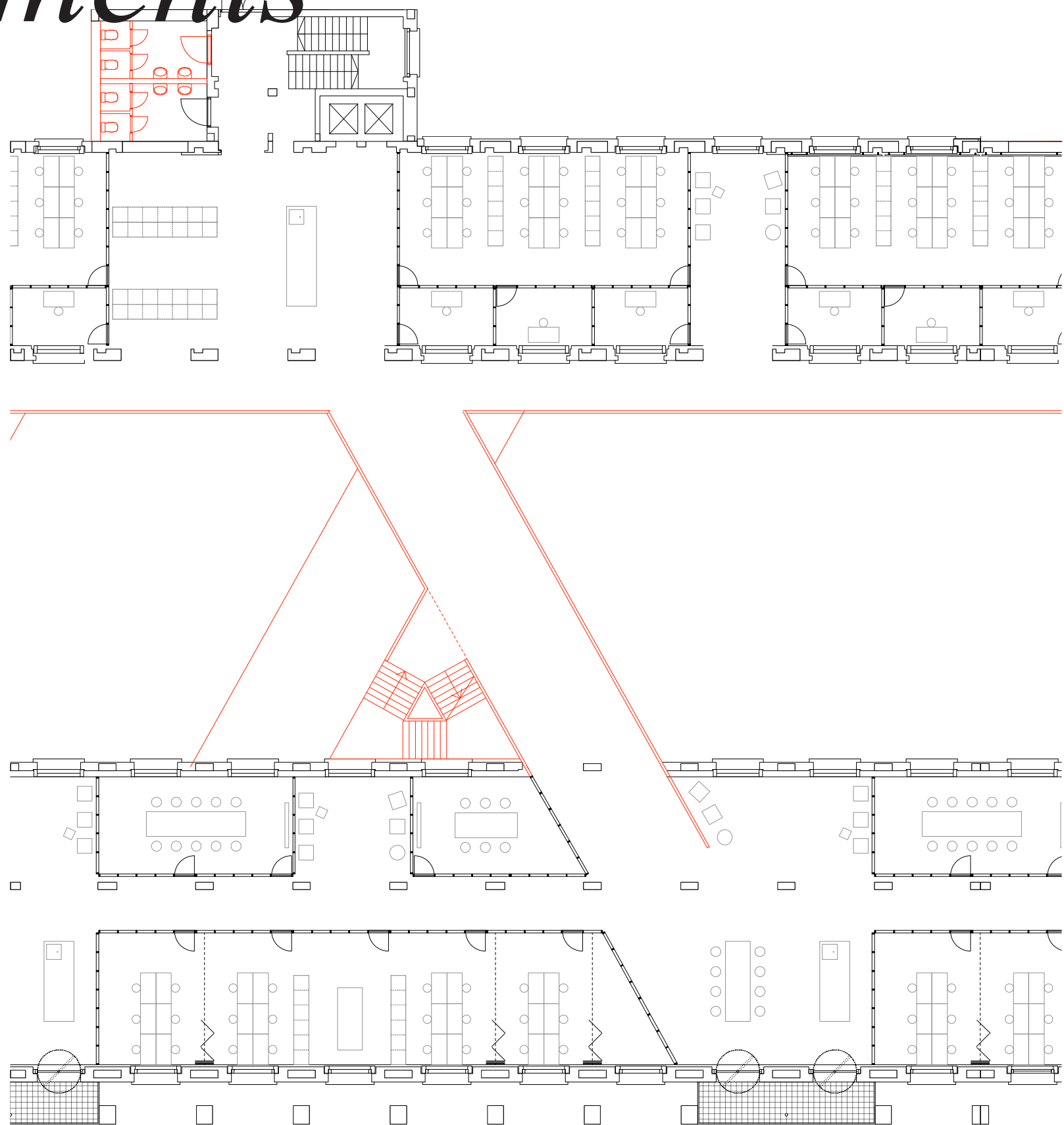


model by: Mirthe Andriessen, Izabel Todorova, Wei Rui, He Weiyuan

Office



Environments

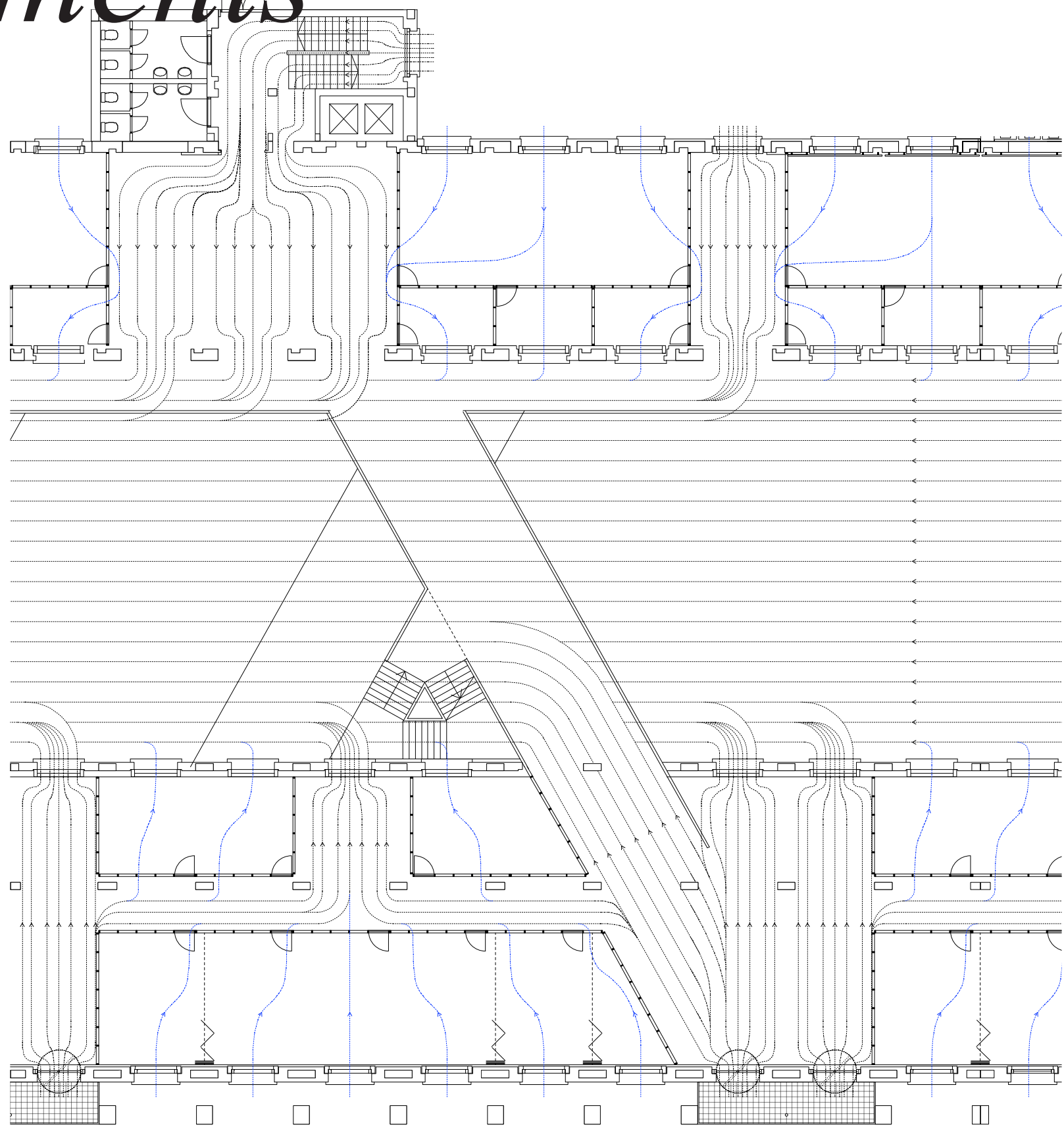


drawing number 113

subject
scale 1:200 A3
date 22/04/07

typical floor plan

Environments



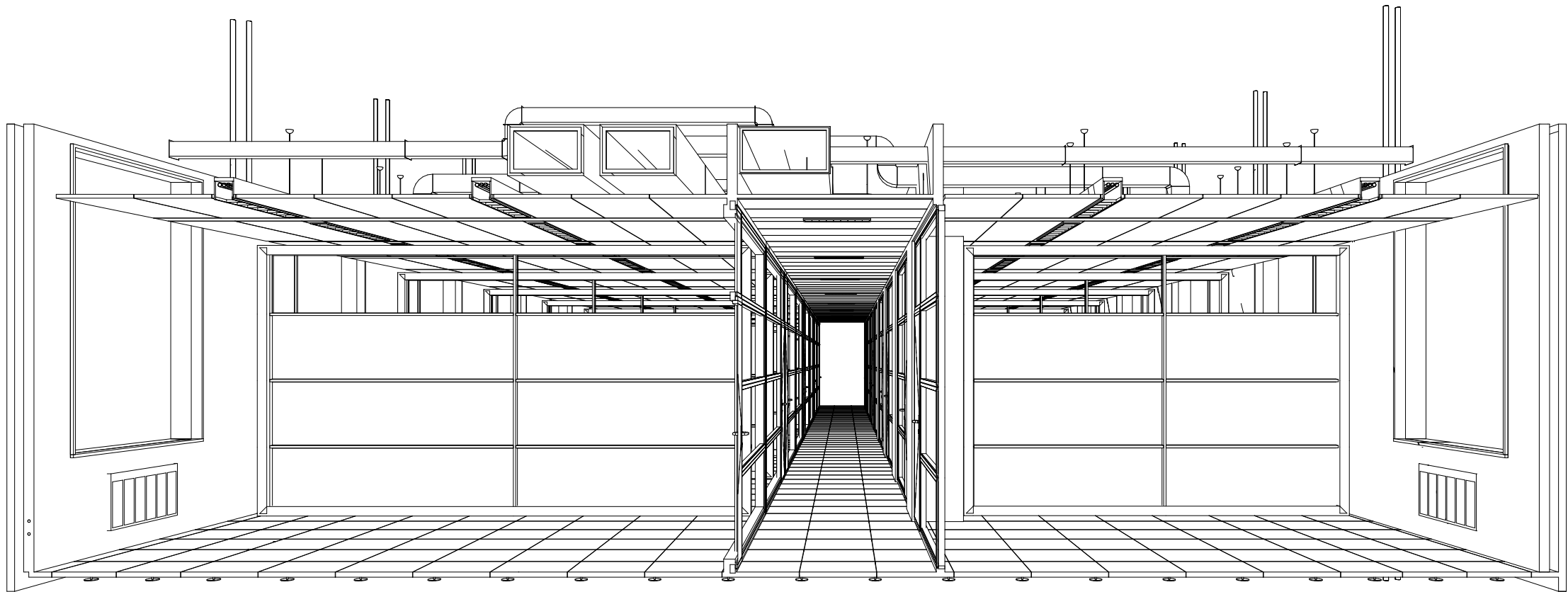
drawing number 134

subject ventilation principle
scale 1:200 A3
date 22/04/19

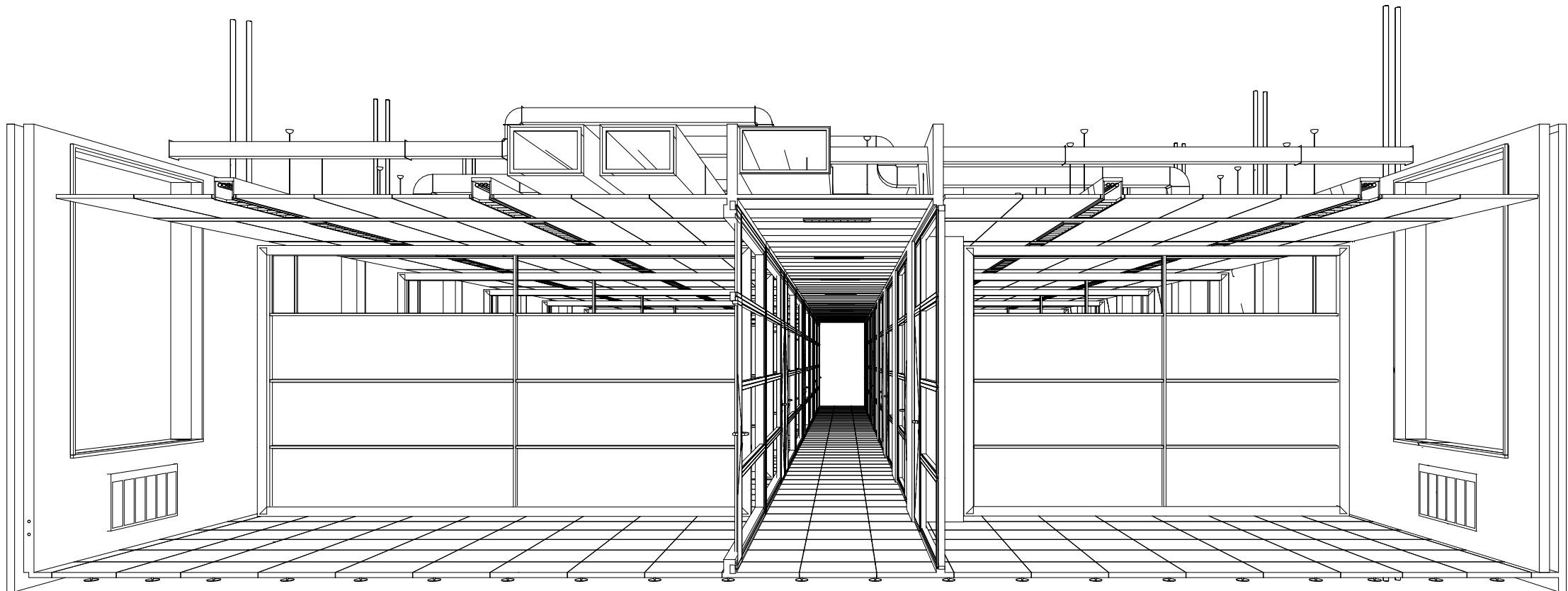
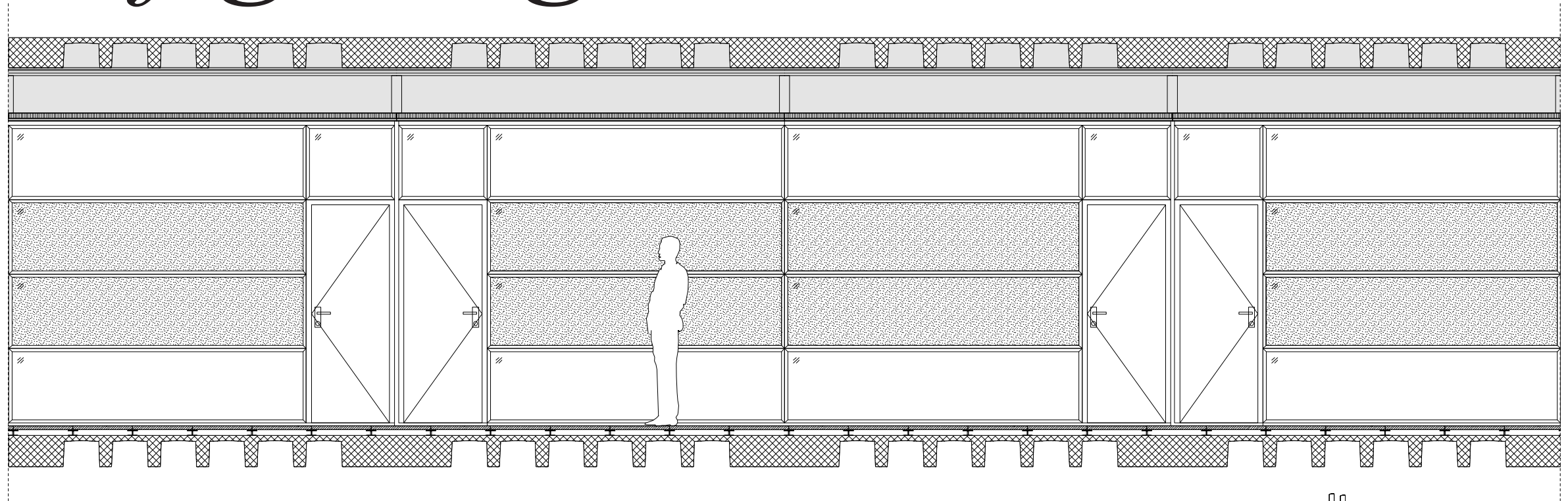
Environments



Reconfiguring



Reconfiguring

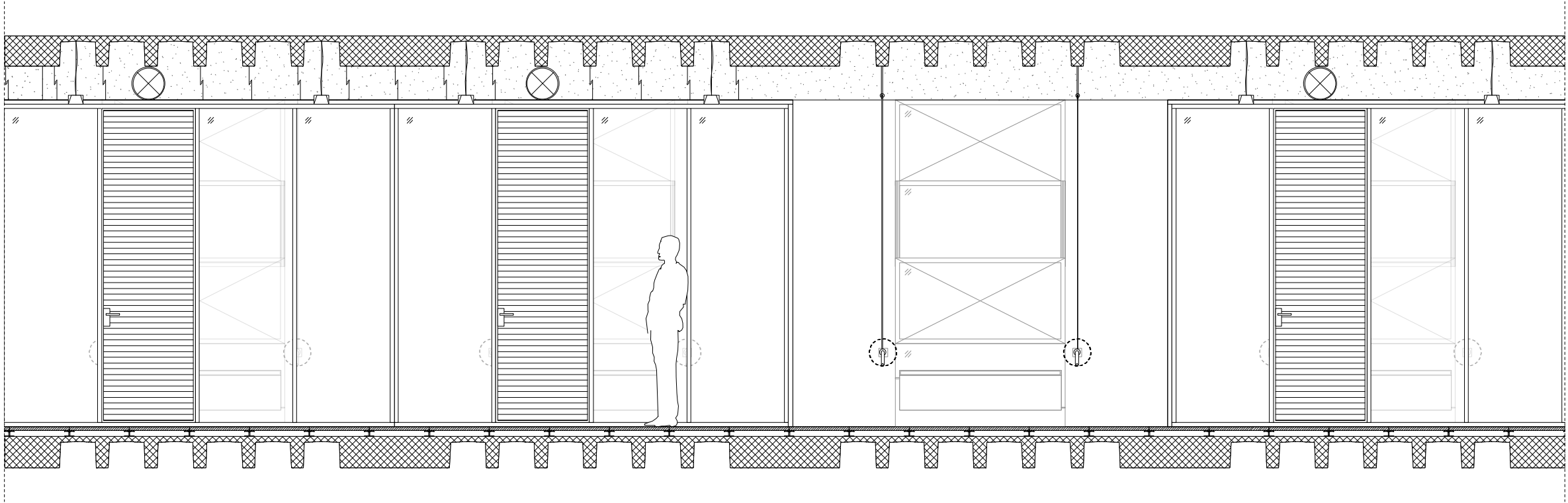
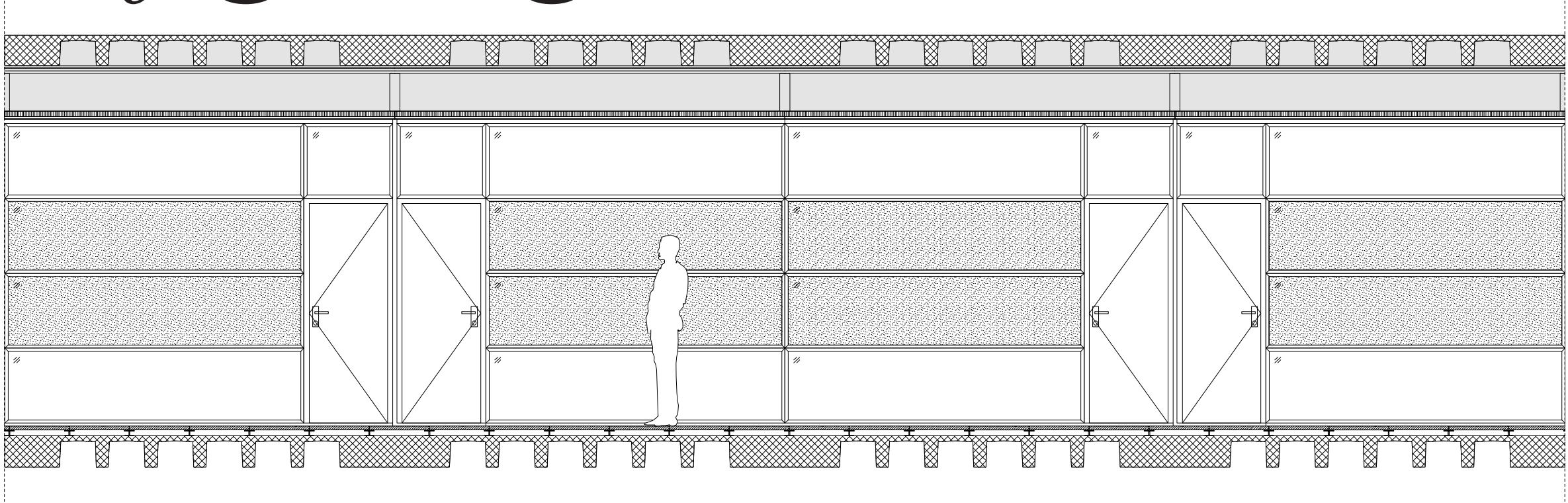


drawing number 611

subject
scale
date

section detail
1:100 A3
22/03/21

Reconfiguring

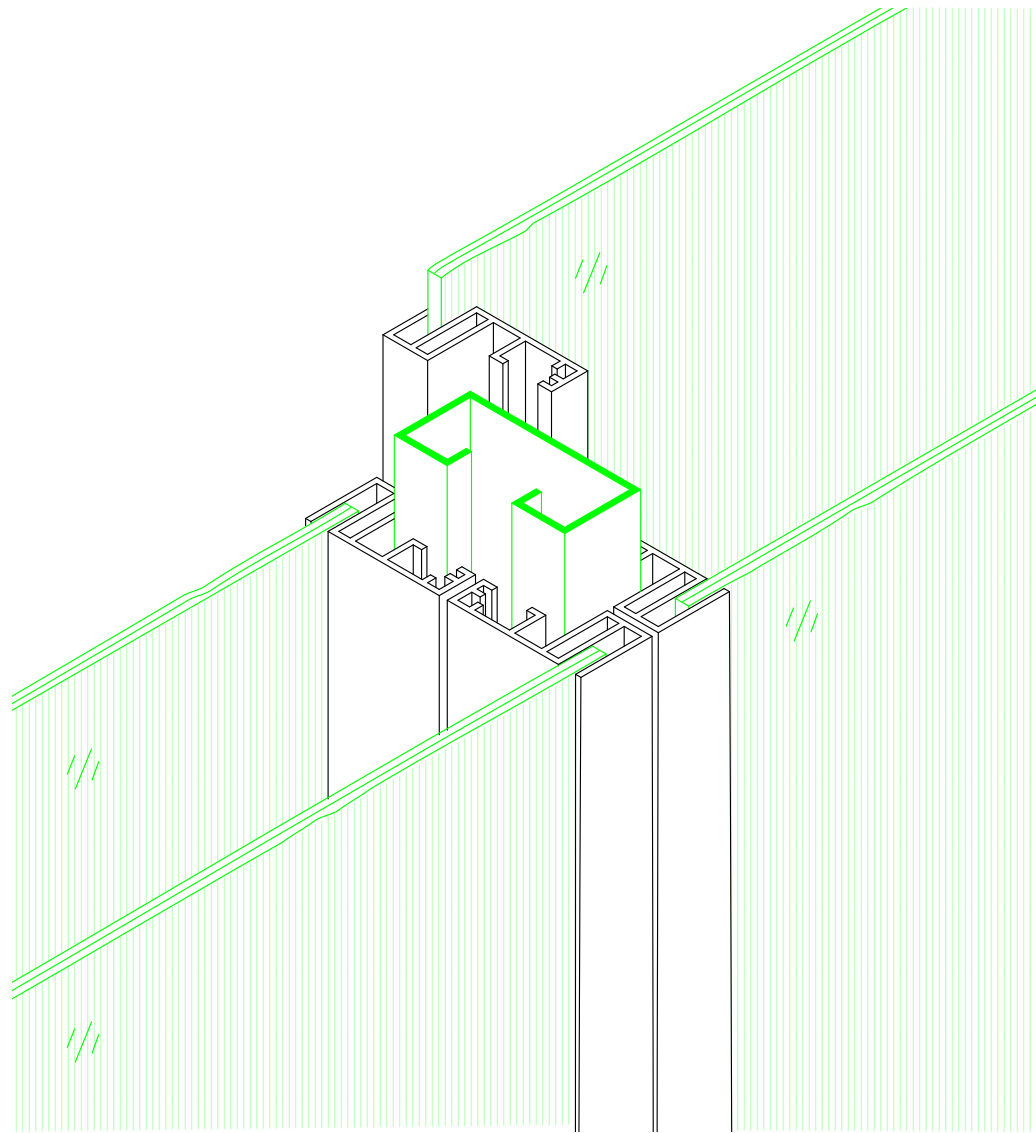


drawing number 611

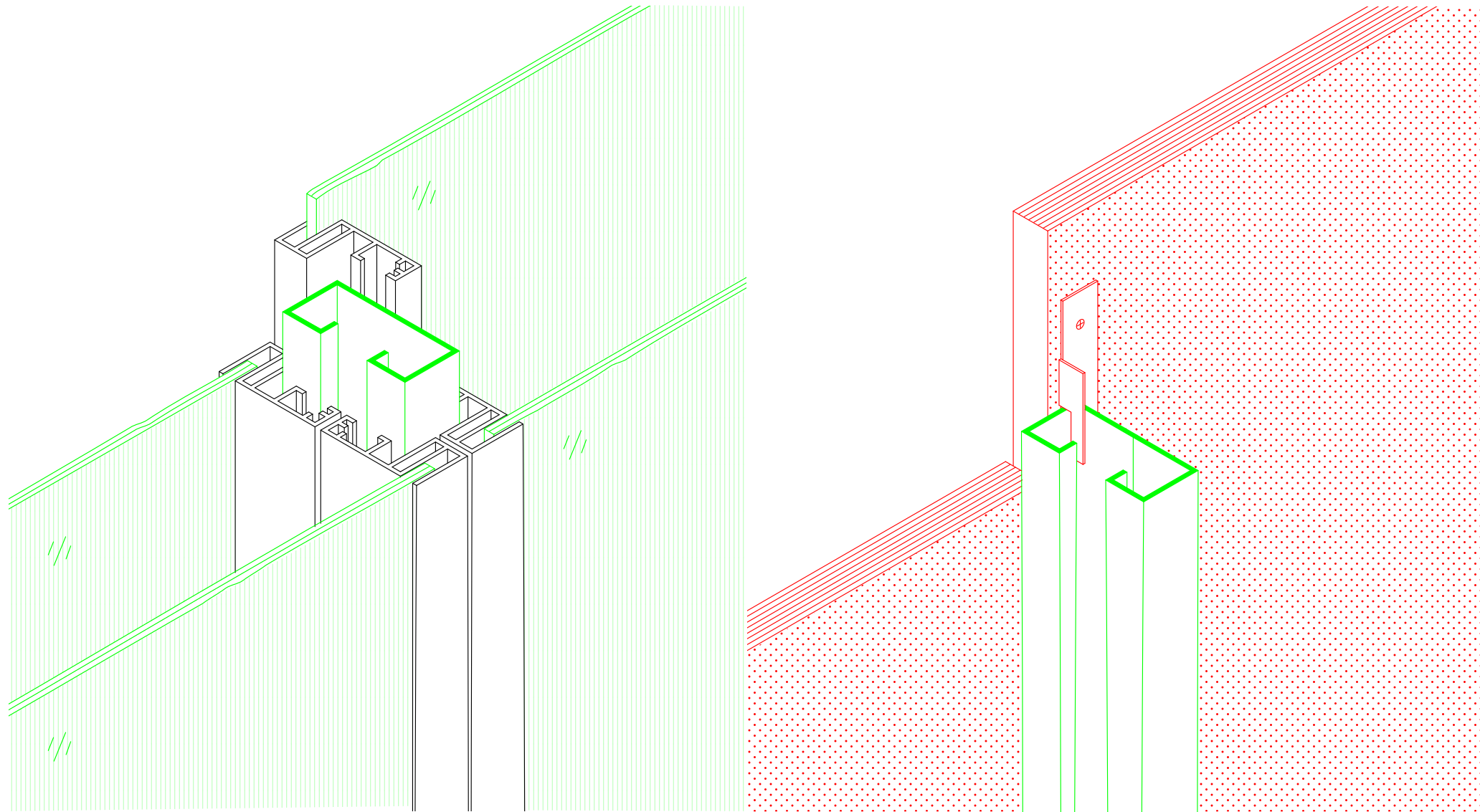
subject
scale
date

section detail
1:100 A3
22/03/21

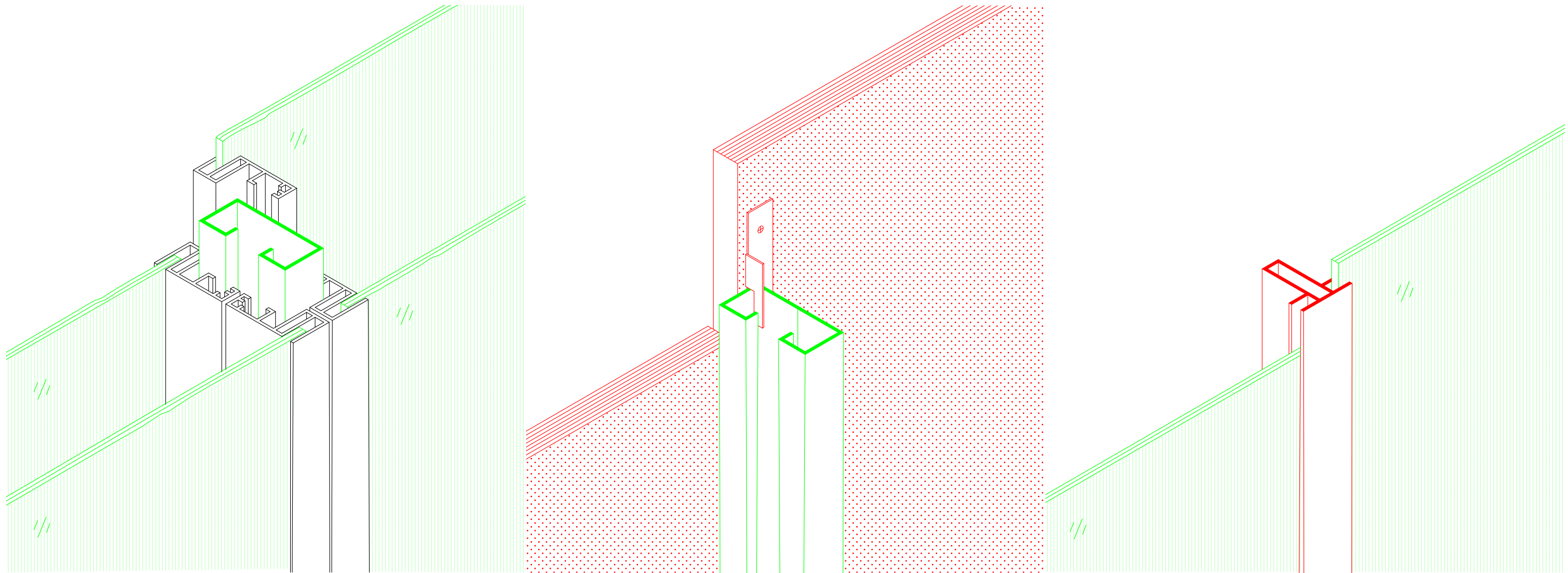
Reconfiguring



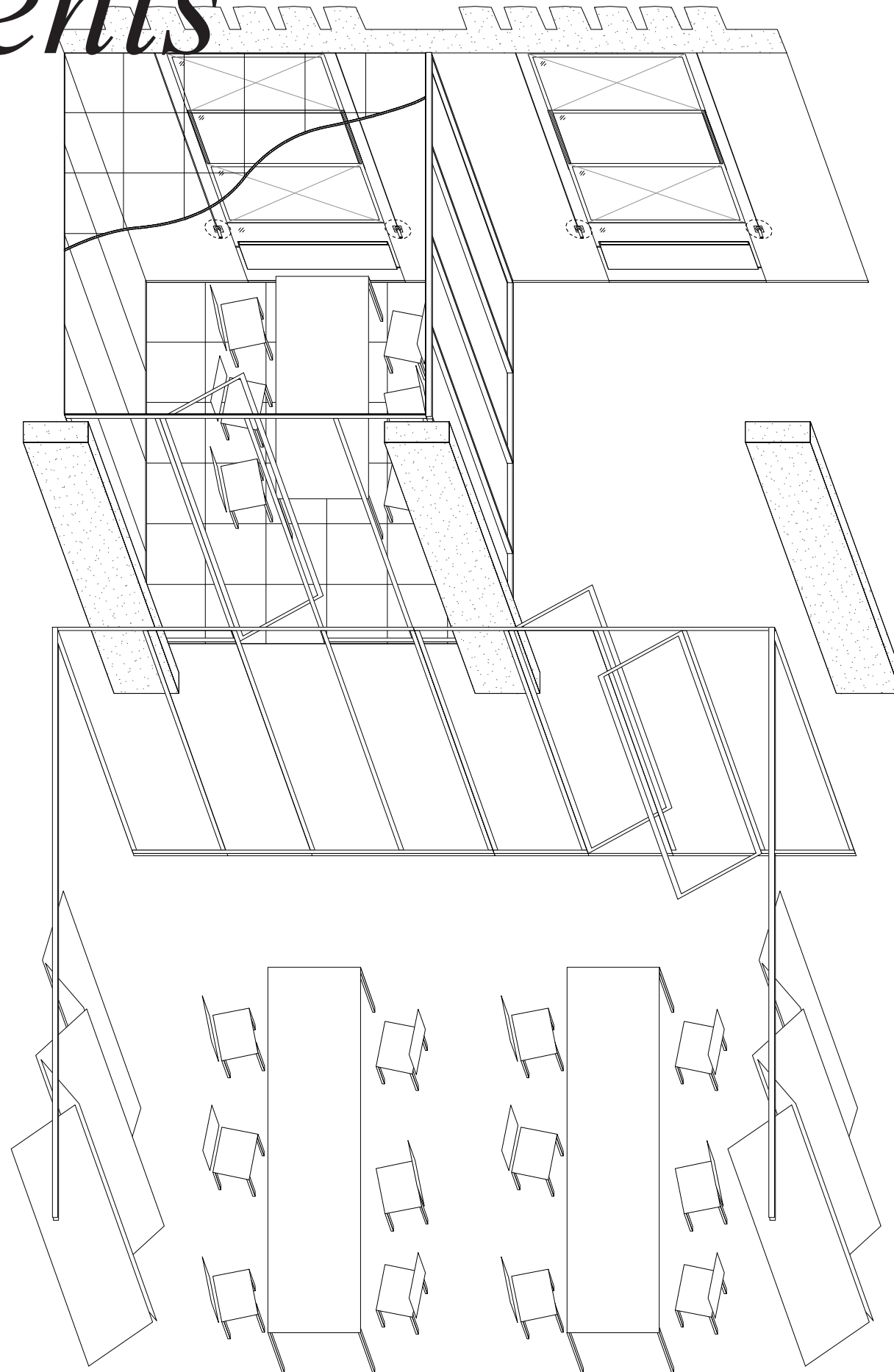
Reconfiguring



Reconfiguring



Environments



drawing number 641

subject
scale
date

workplace
1:50 A3
22/05/11

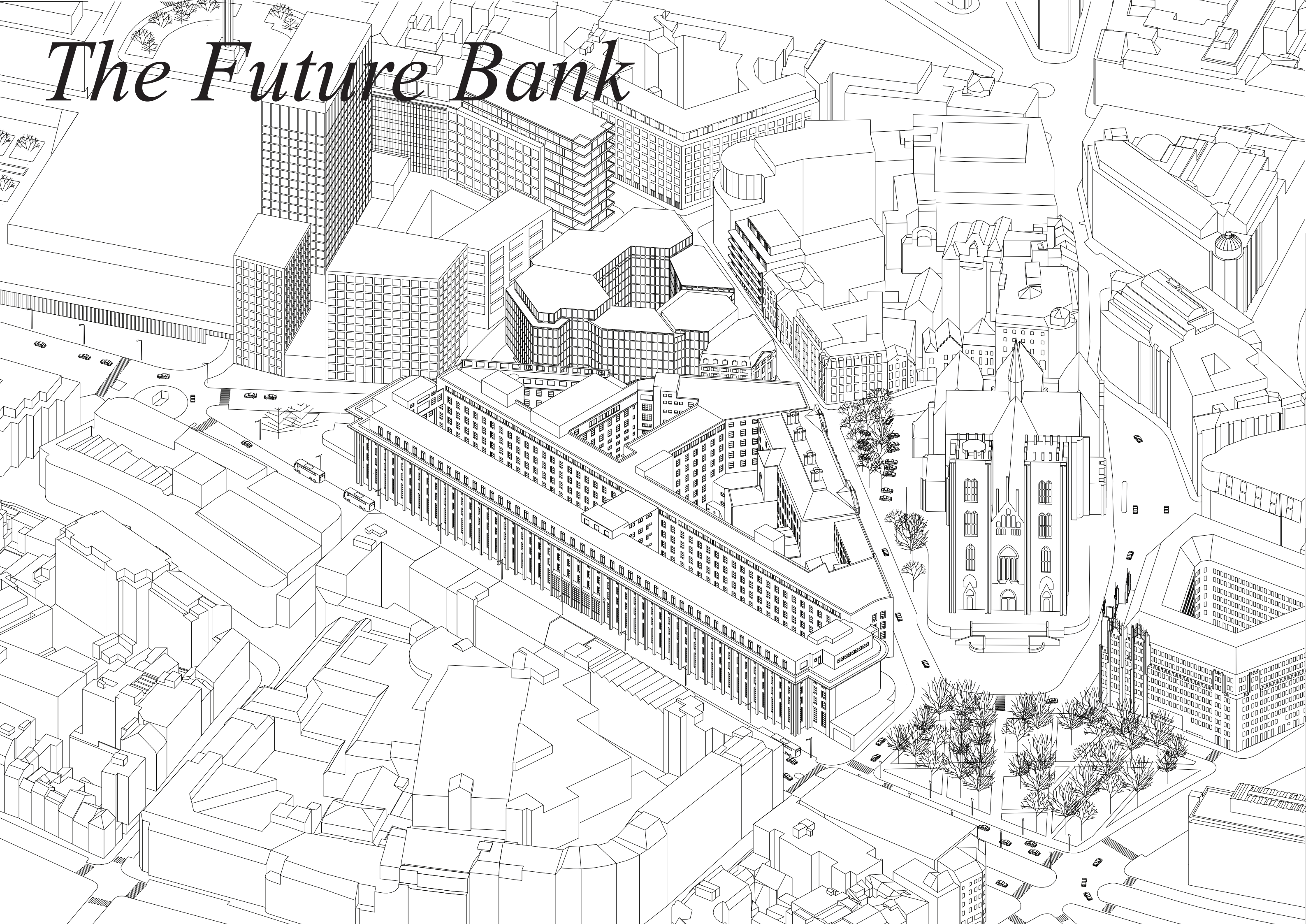
Environments



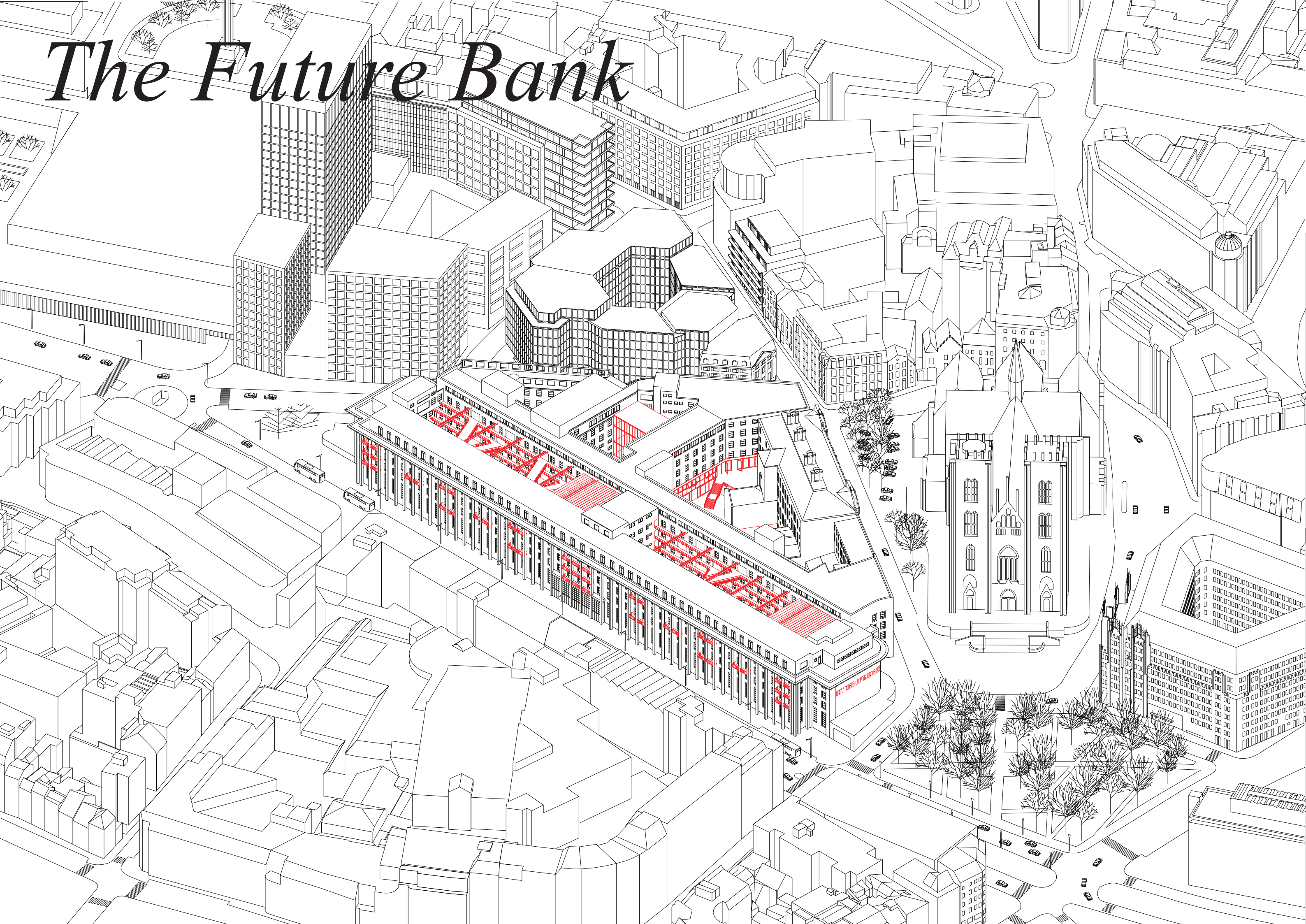
Environments



The Future Bank



The Future Bank



Special thanks to

*Sam de Vocht
Sereh Mandias
Matthijs Klooster*

*Daniel Rosbottom
Mark Pimlott
Susanne Pietsch*

*Laurens de Munck
Bas Leemans
Pascal Henle
Mats van Dijk
Nike Felice Reindl*

Thank you