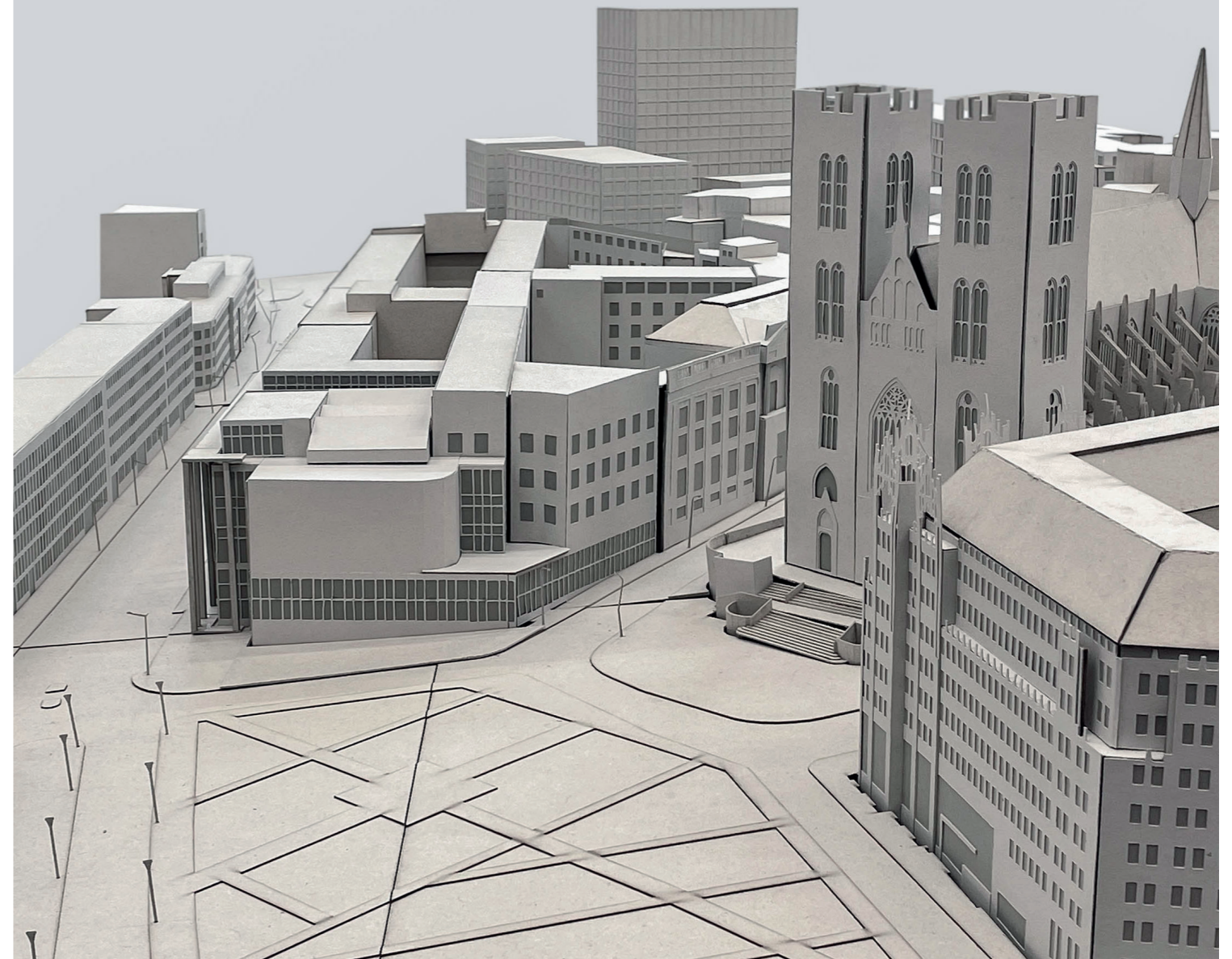


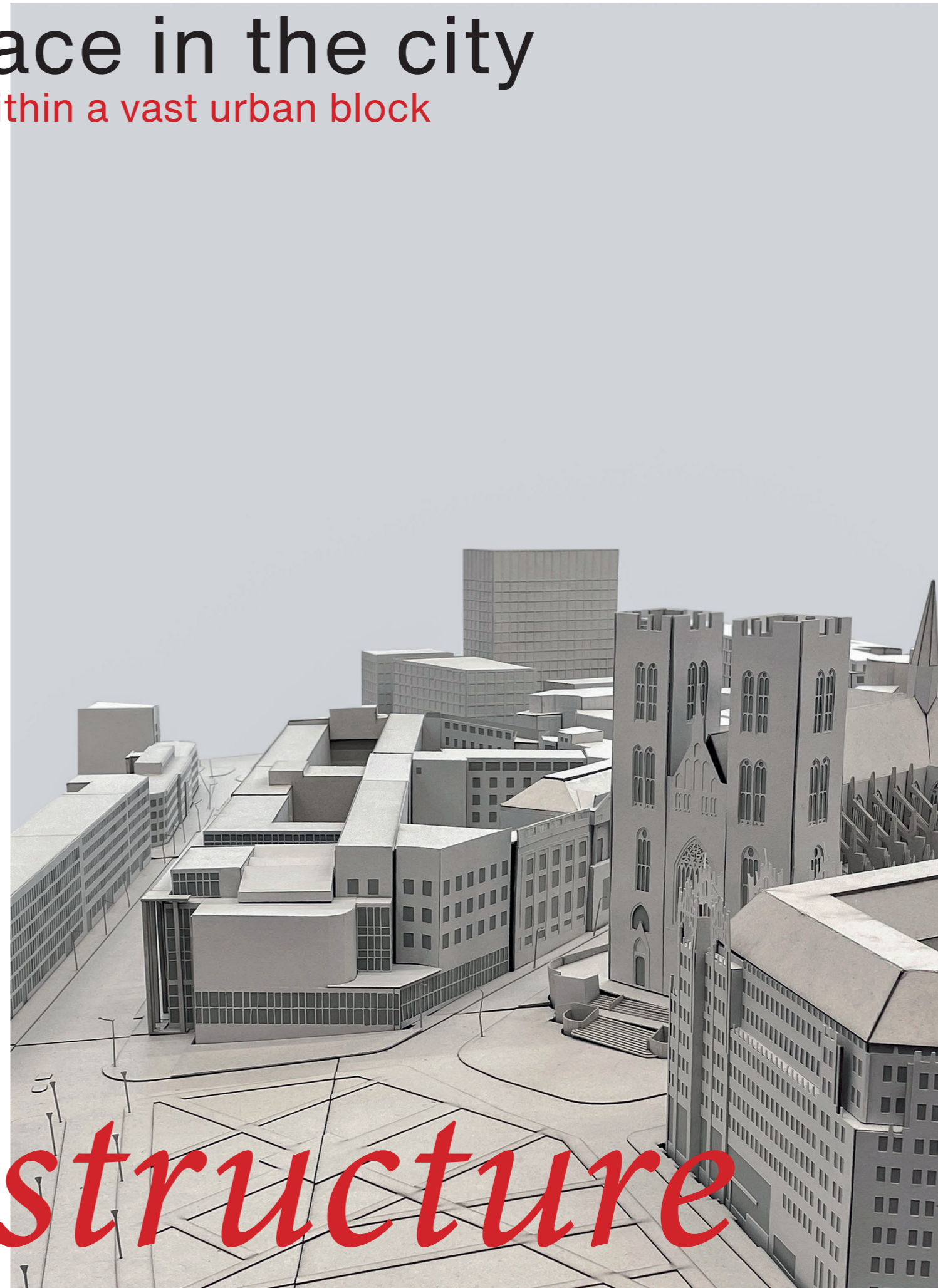
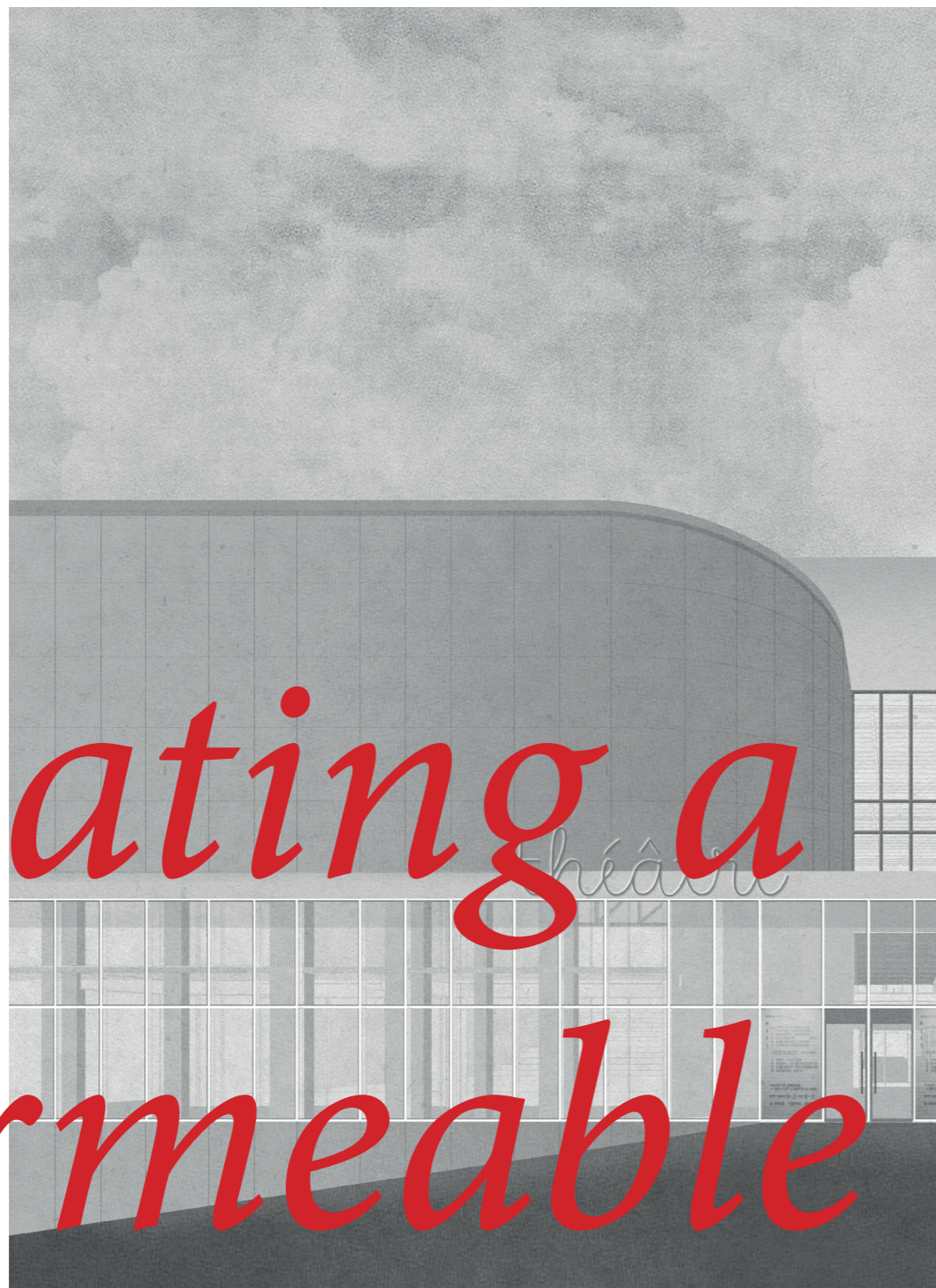
the future bank: a new face in the city

allowing for unconventional permeable spaces within a vast urban block



the future bank: a new face in the city

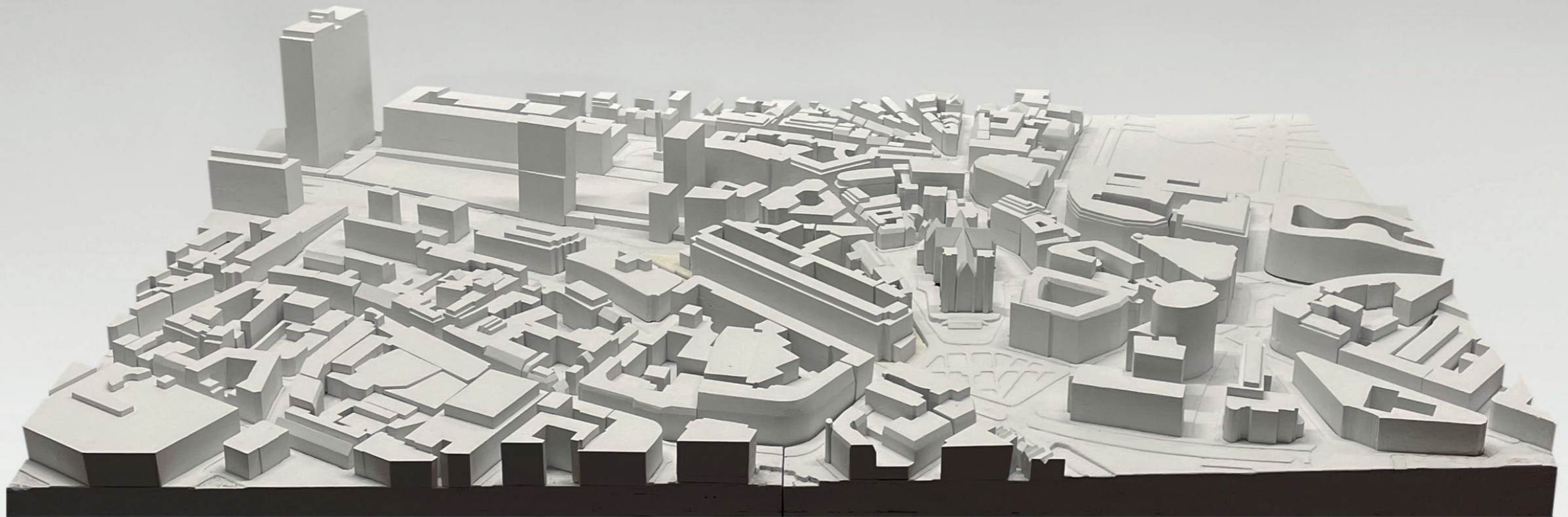
allowing for unconventional permeable spaces within a vast urban block



creating a permeable structure

the brief of the future bank

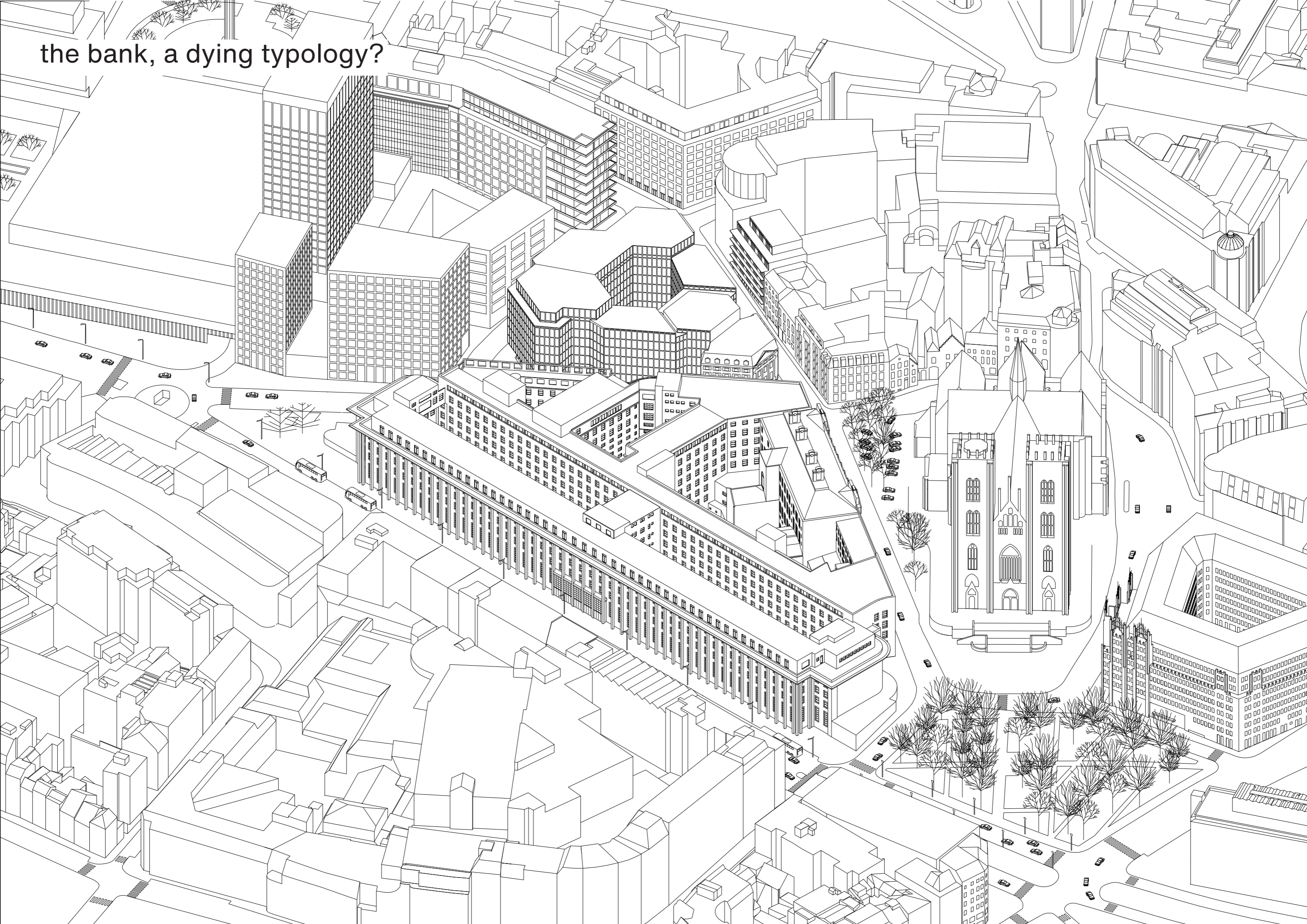
the transformation of the National Bank of Belgium
a vast, triangular urban block of 91.000 m² situated at
a critical moment between the upper and lower parts of
the city



brussels, a city of institutions



the bank, a dying typology?



the national bank

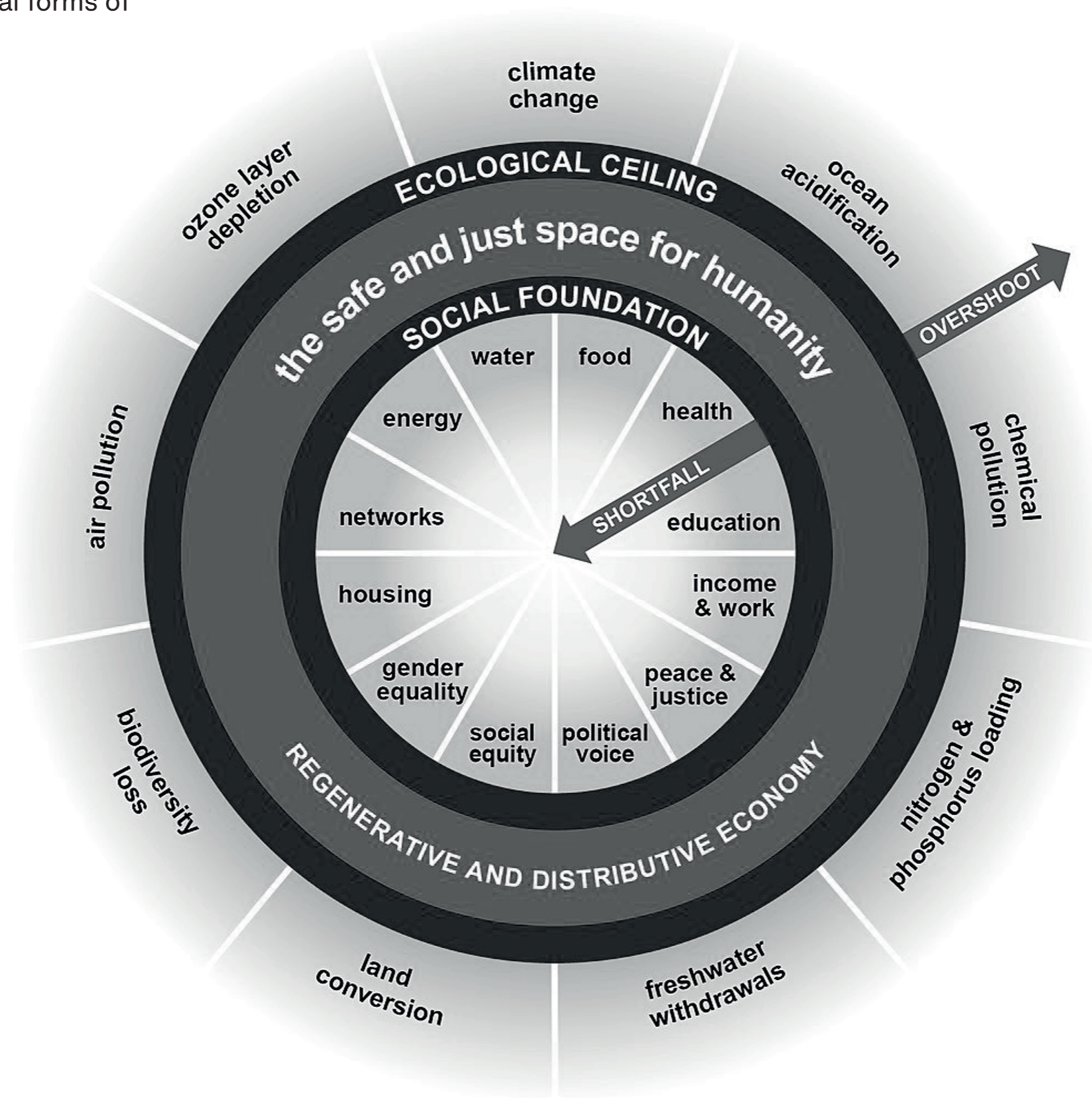


the national bank



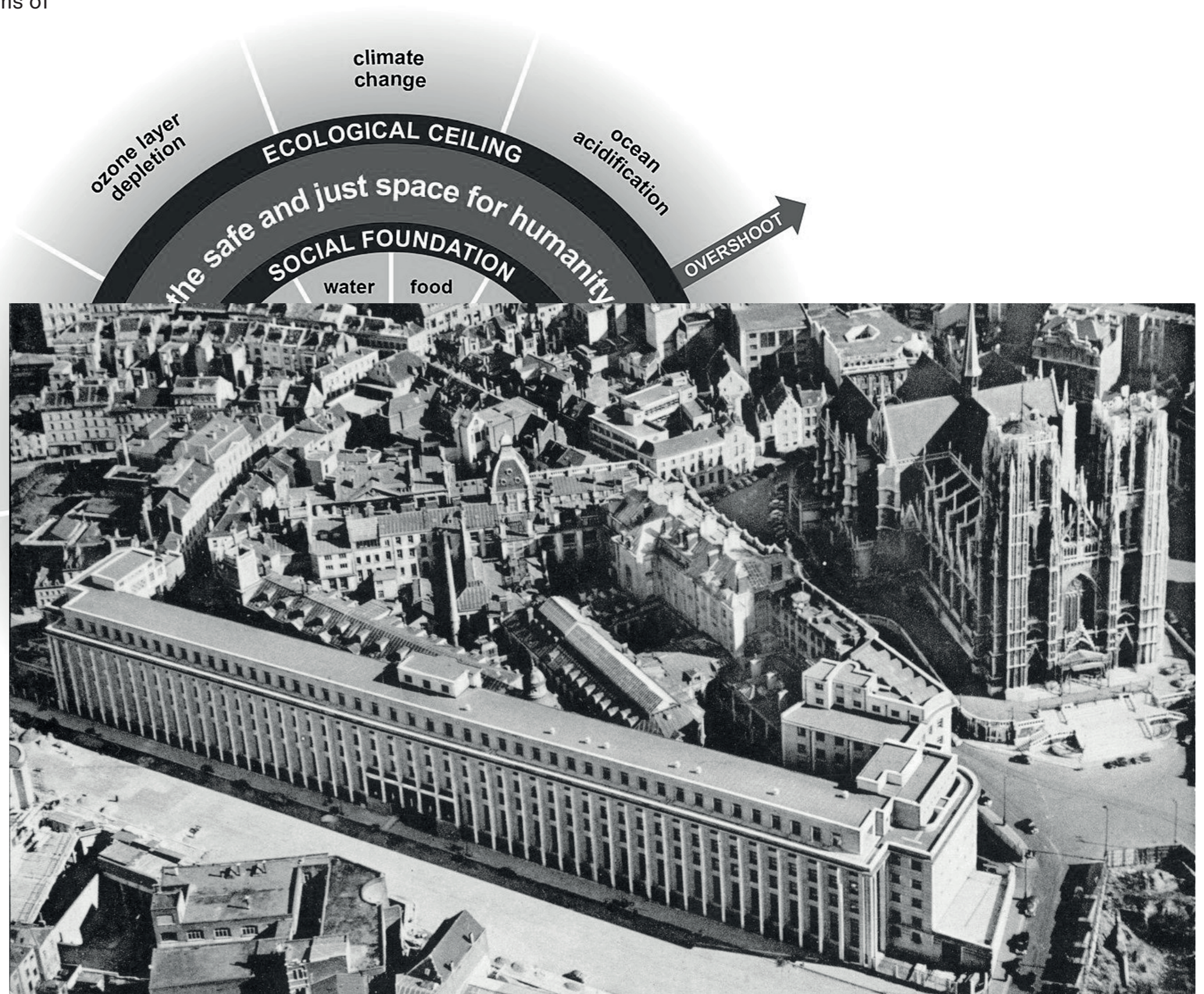
a doughnut economy

brussels has declared itself a doughnut economy, and is moving away from traditional forms of economics



a doughnut economy

brussels has declared itself a doughnut economy, and is moving away from traditional forms of economics



the social plinth

a series of grassroots movements counteracting the heavy facade by creating intimate spaces within the colonnade



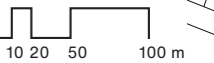
refigure within local area
public corridor

financial
district

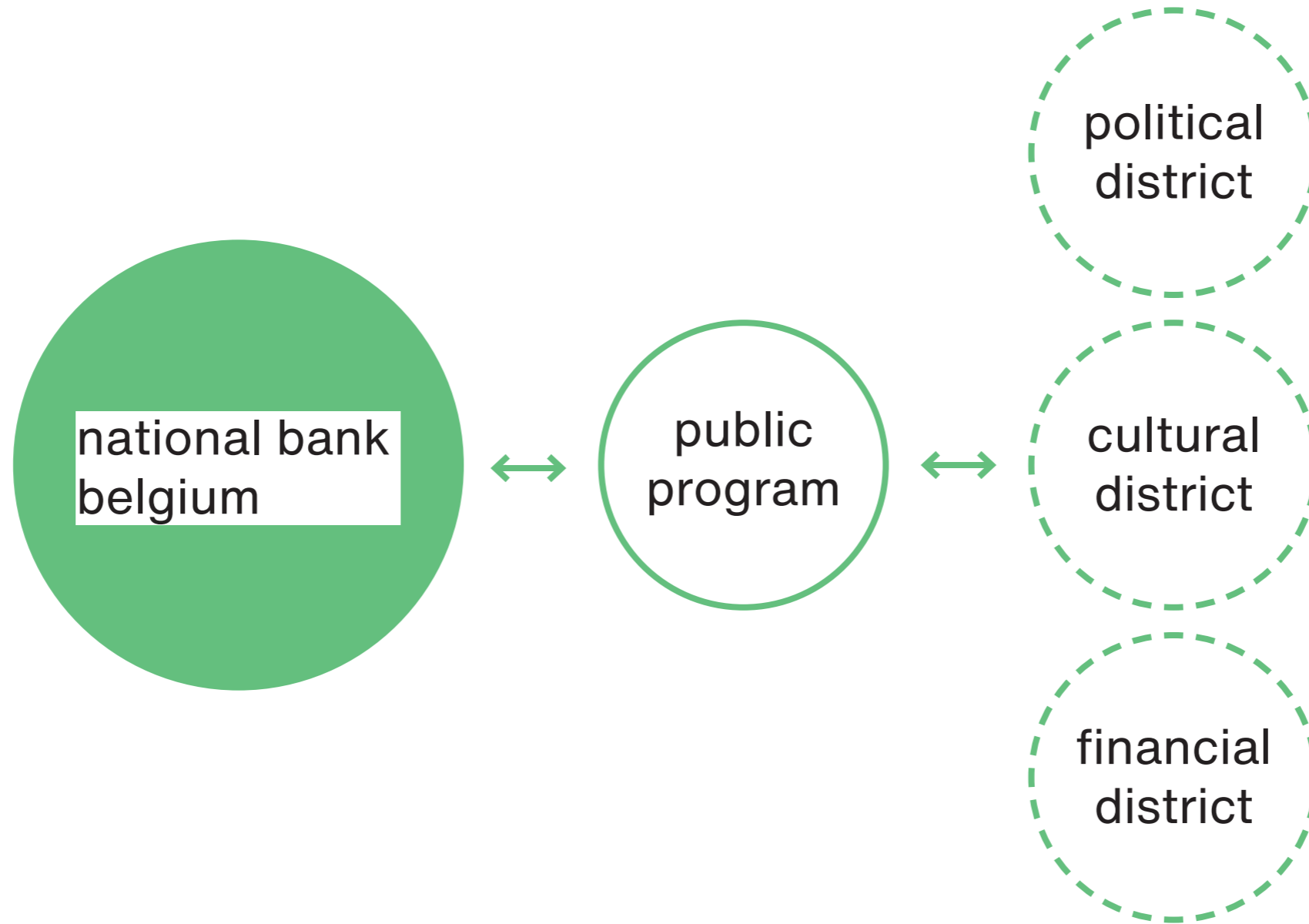
cultural
district

Public Corridor Brussels

Scale 1:5000
National Bank Belgium
Brussels



embedded in the public corridor



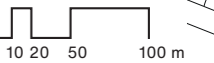
refigure within local area
public corridor

financial
district

cultural
district

Public Corridor Brussels

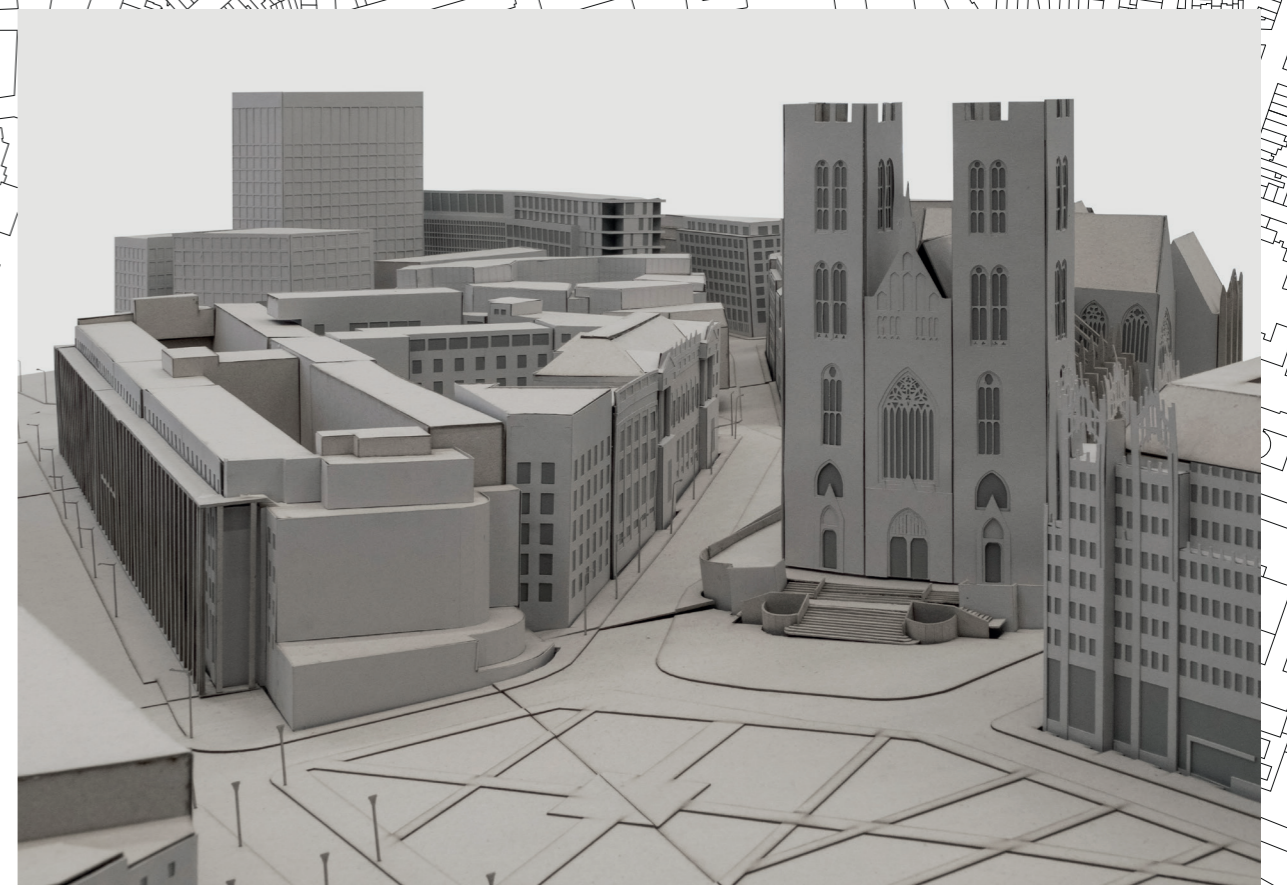
Scale 1:5000
National Bank Belgium
Brussels



refigure within local area
public corridor

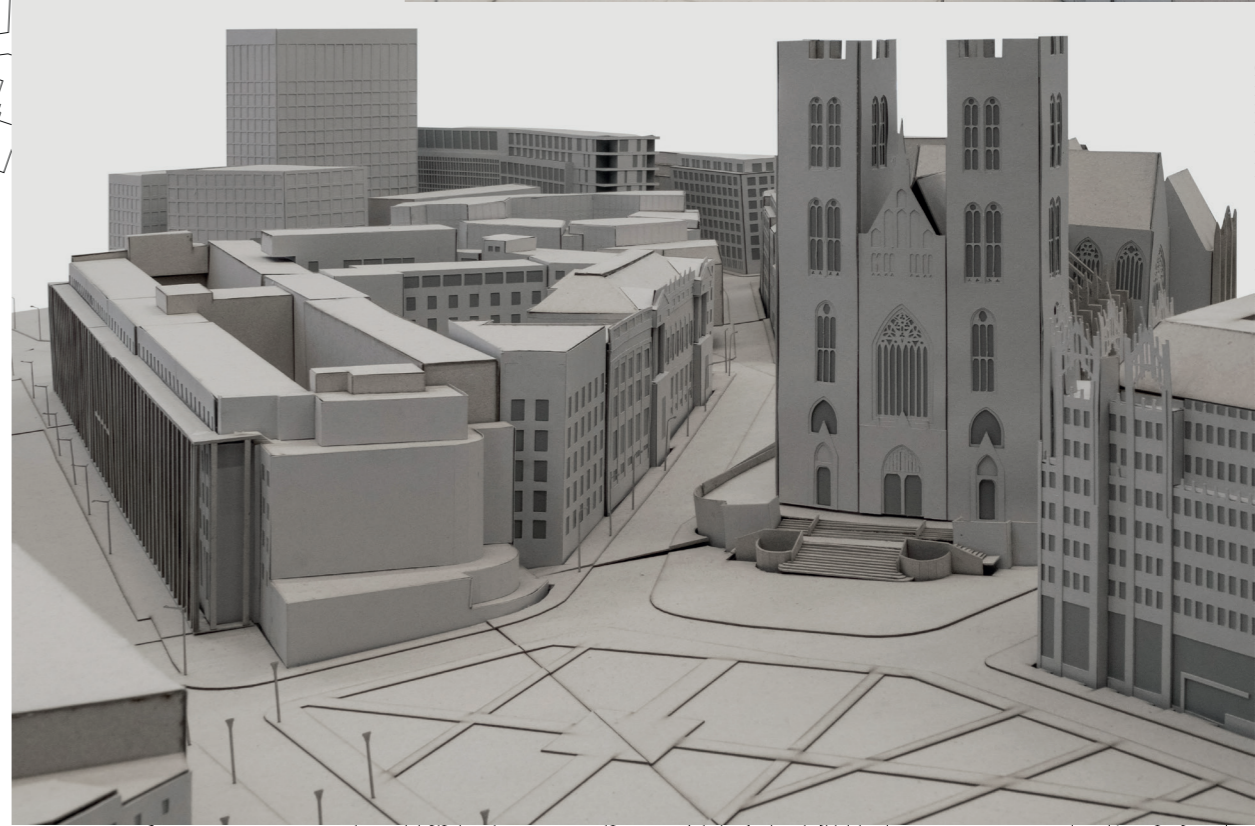
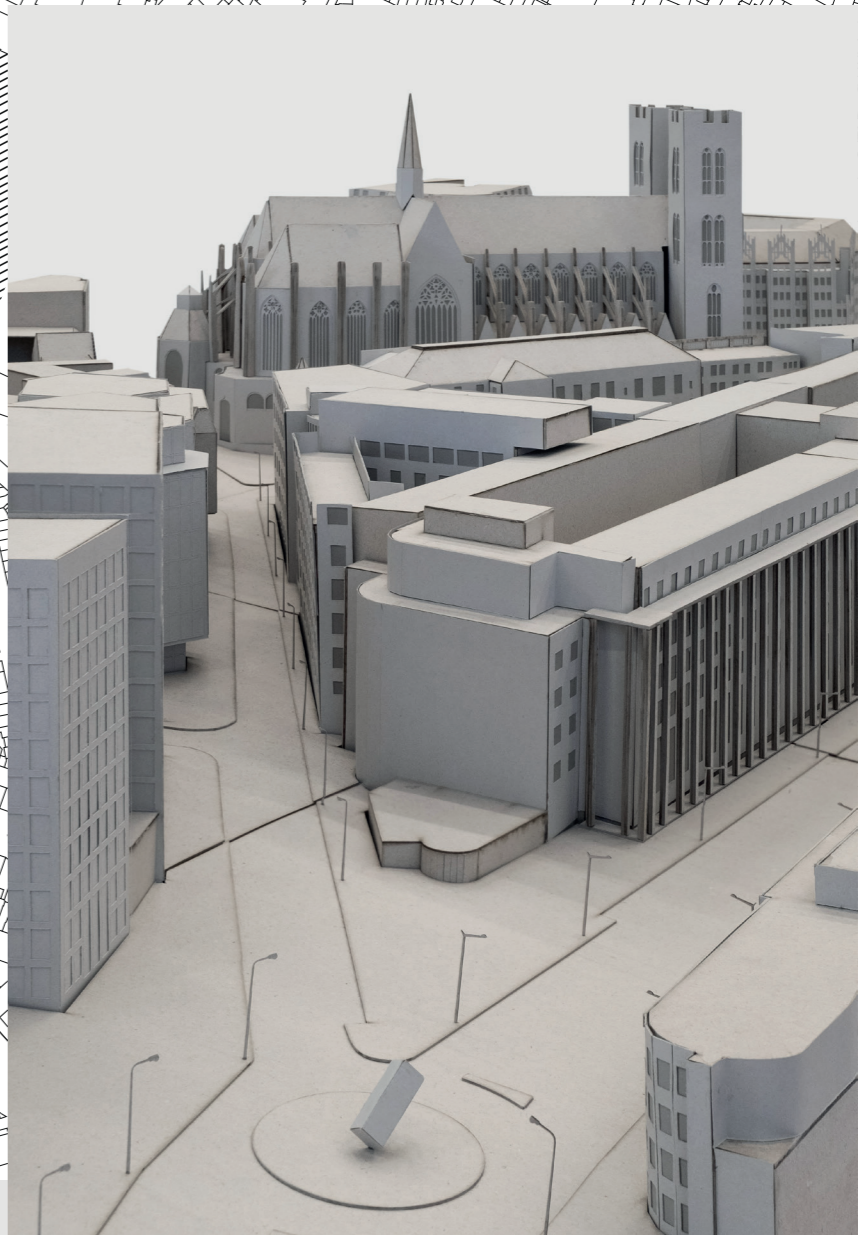
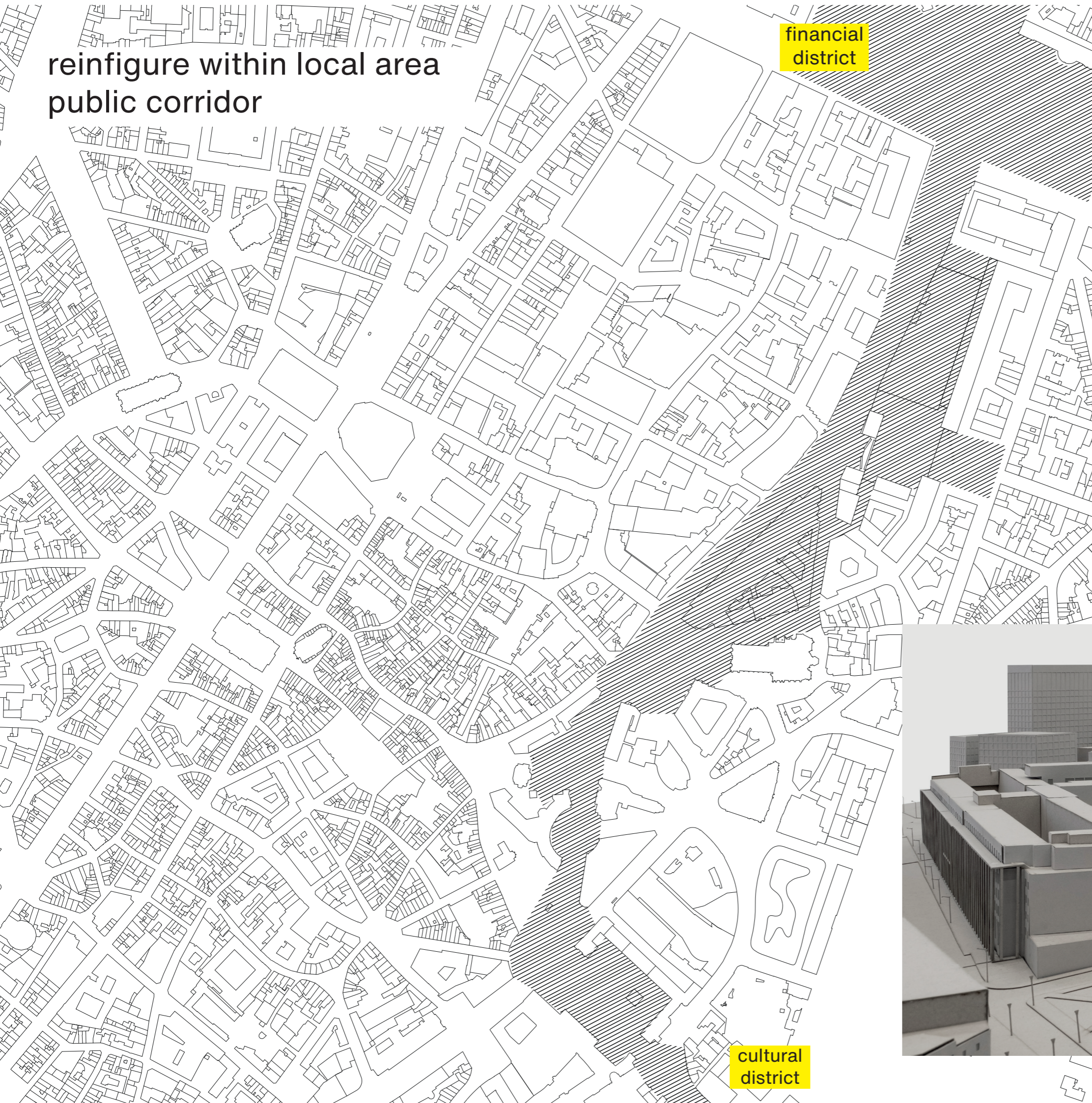
financial
district

cultural
district



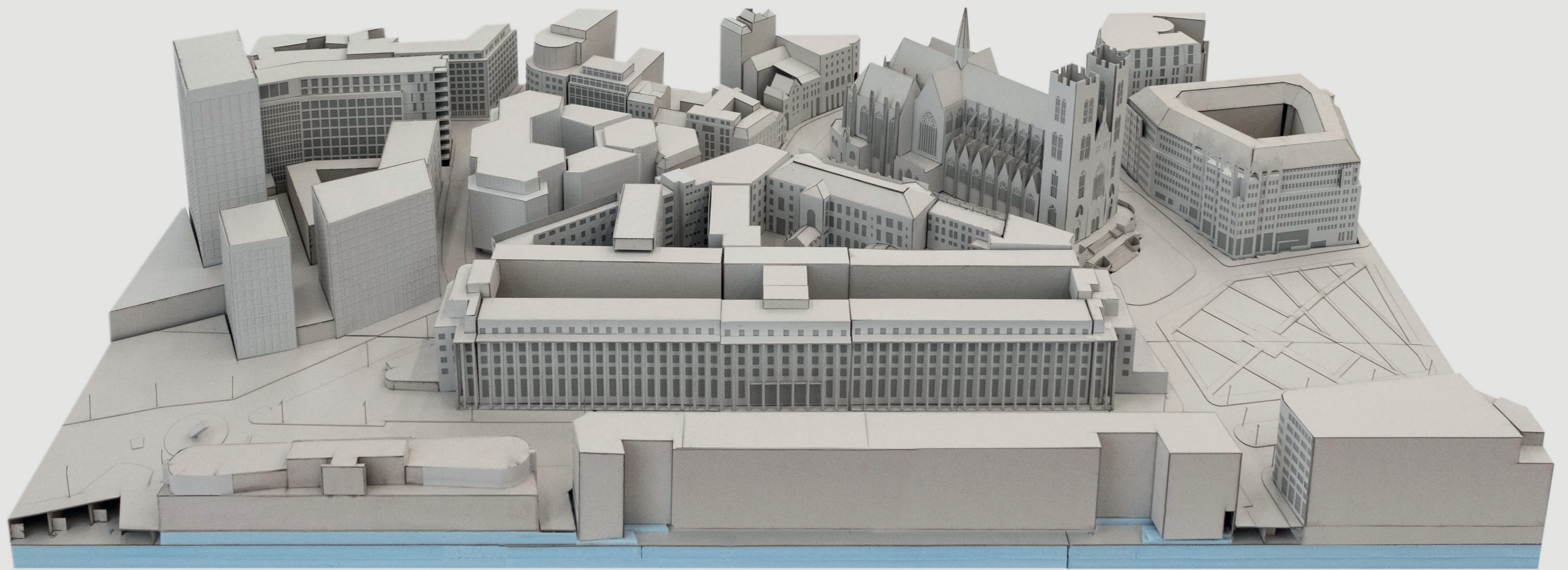
refigure within local area
public corridor

financial
district

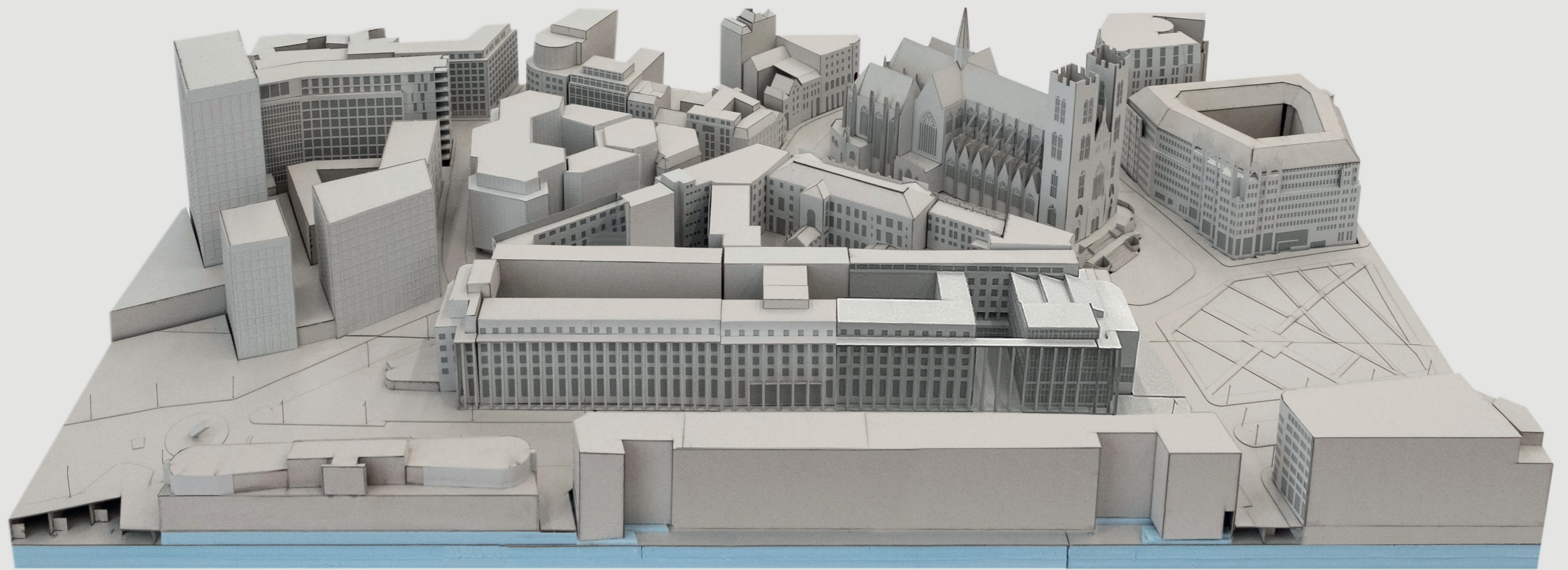


cultural
district

existing

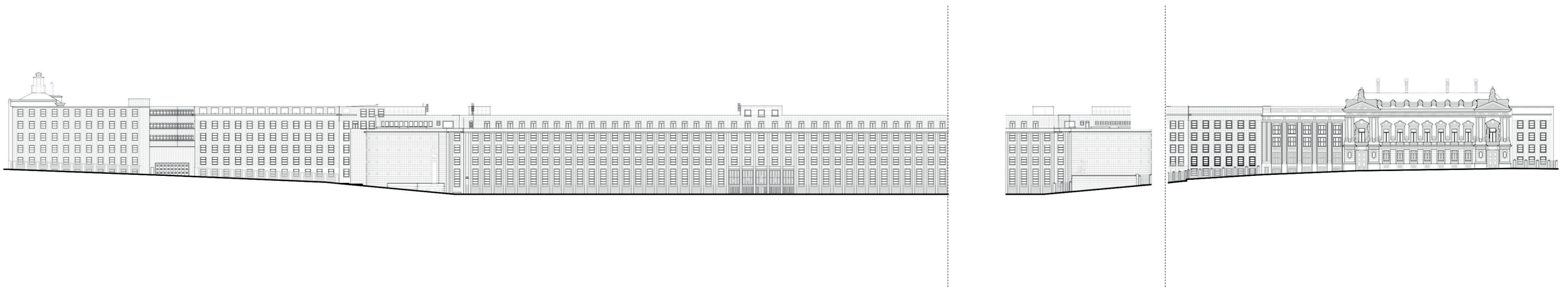
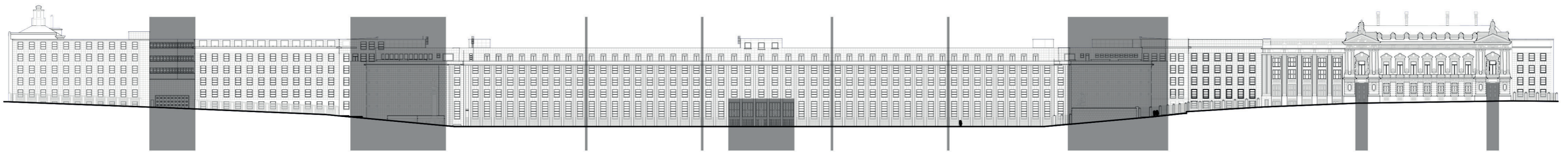


proposal

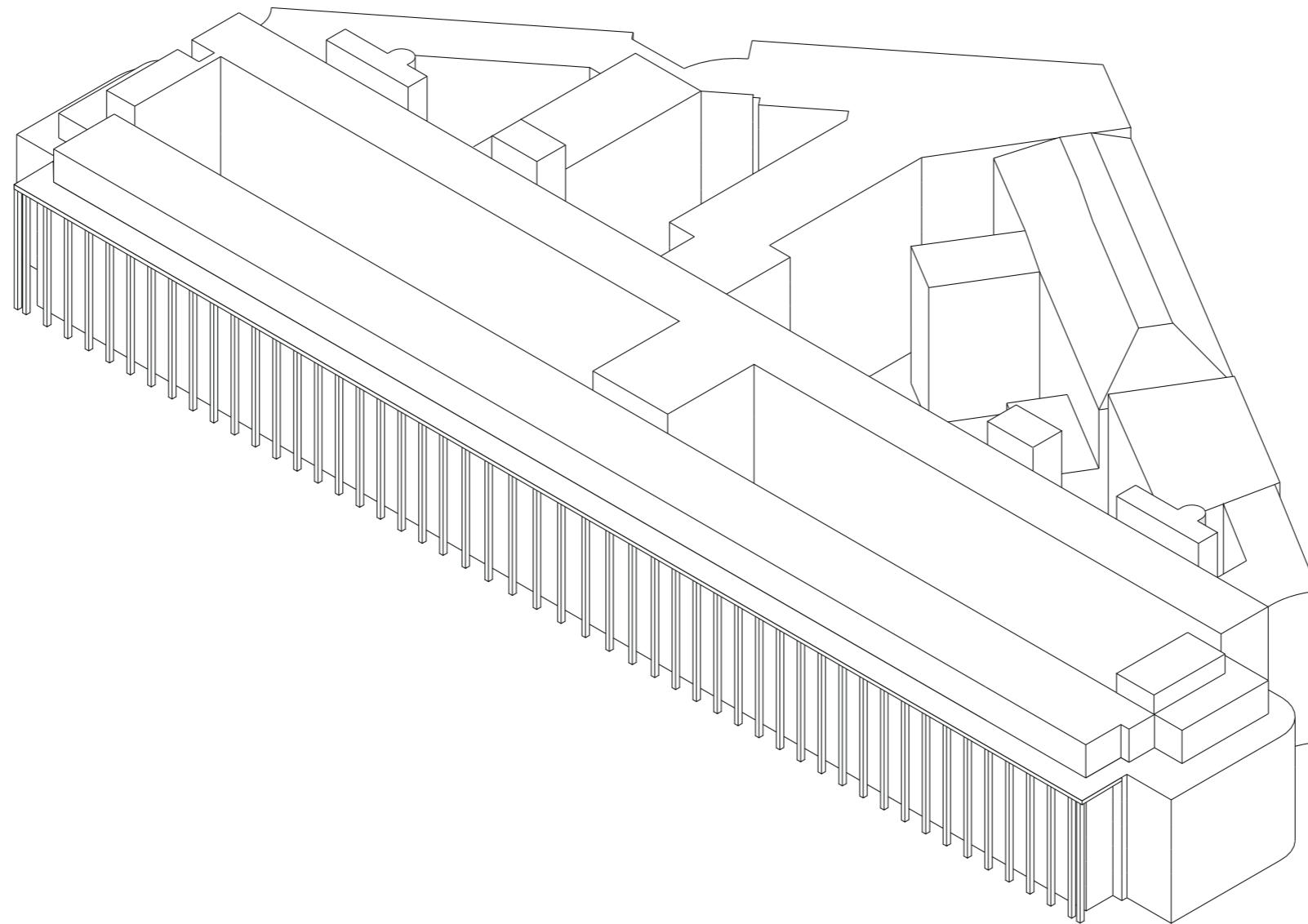


facade stitch [cuts]

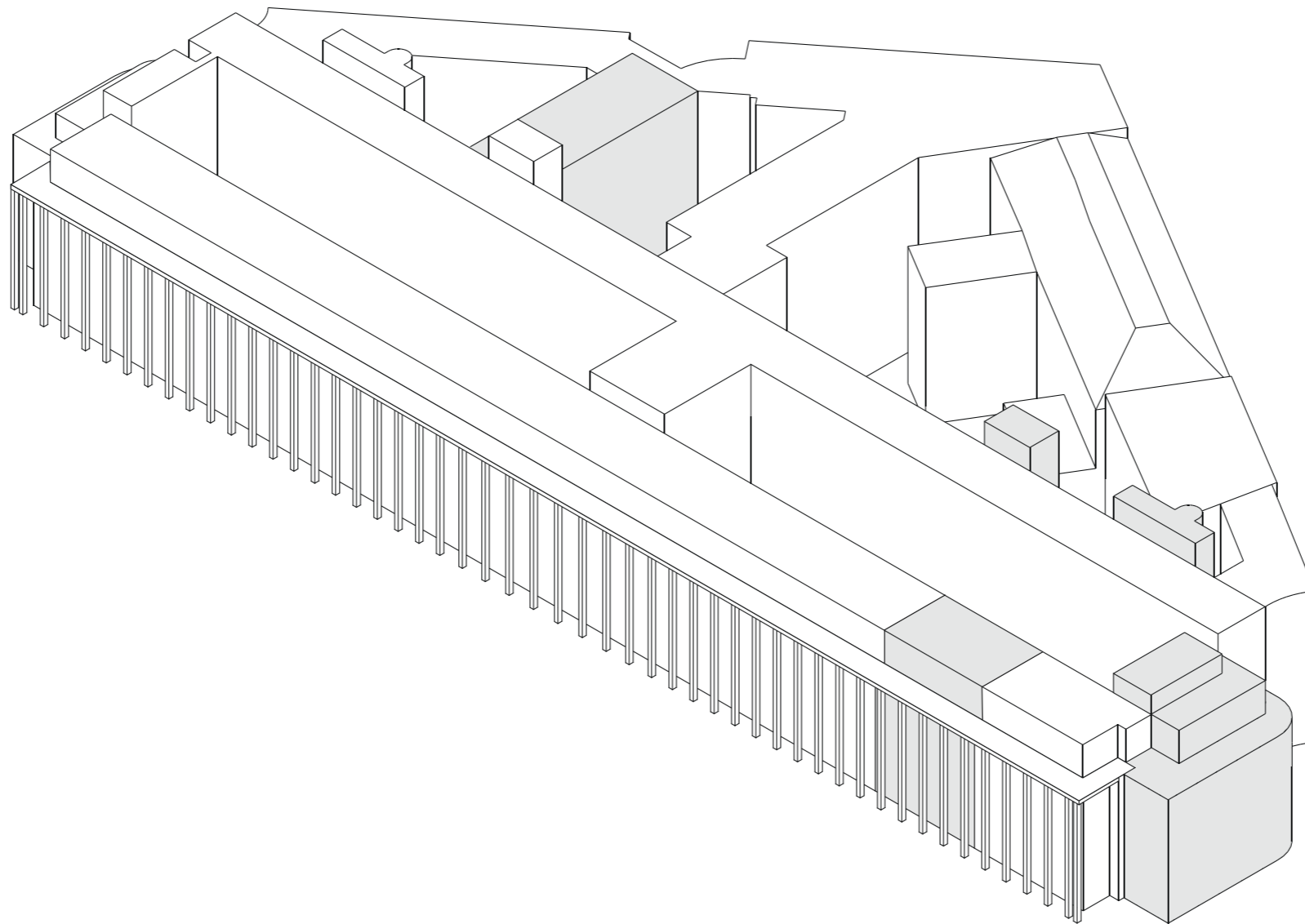
where is it possible to make cuts?
how to deal with the 200m long facade?



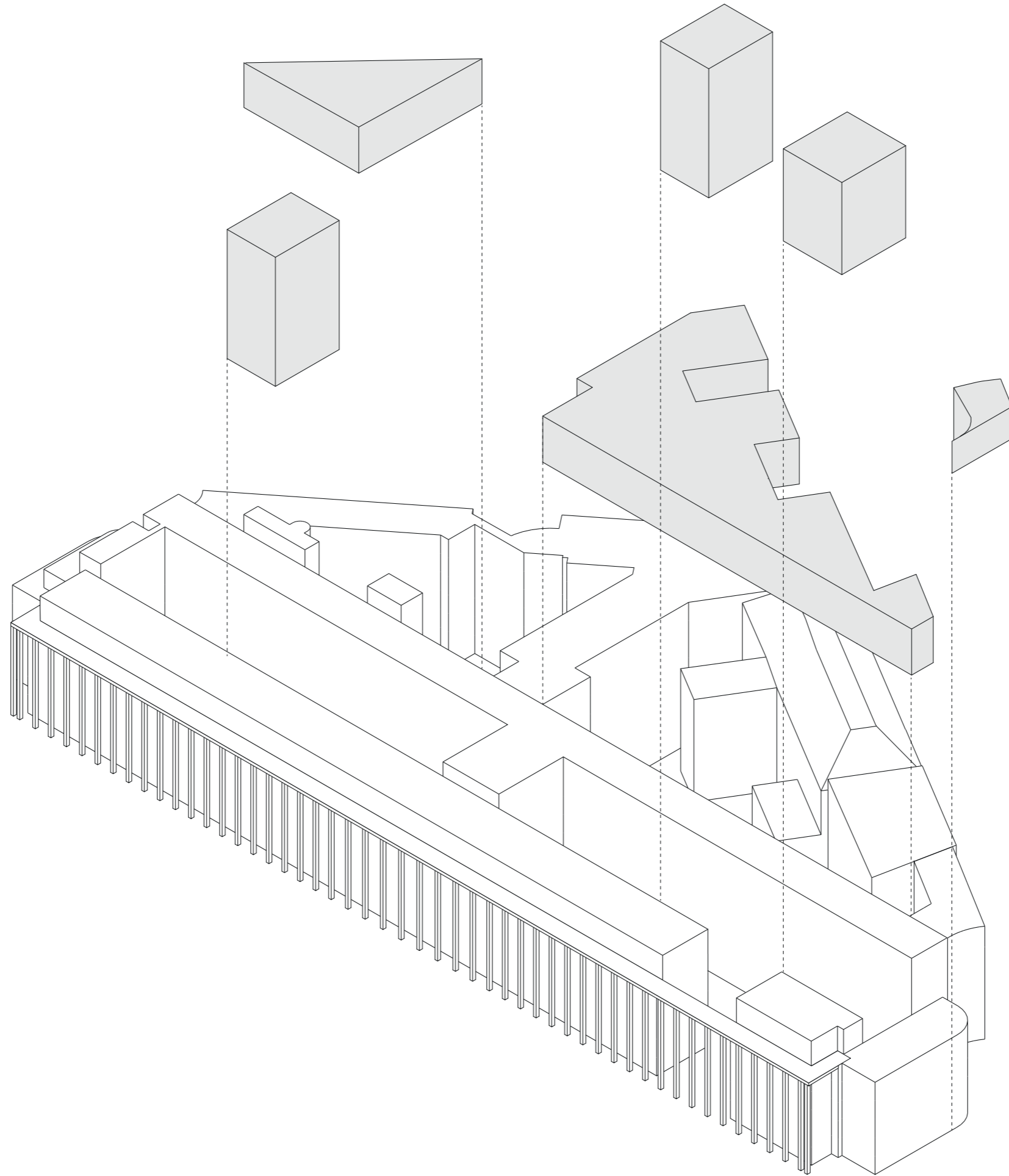
existing



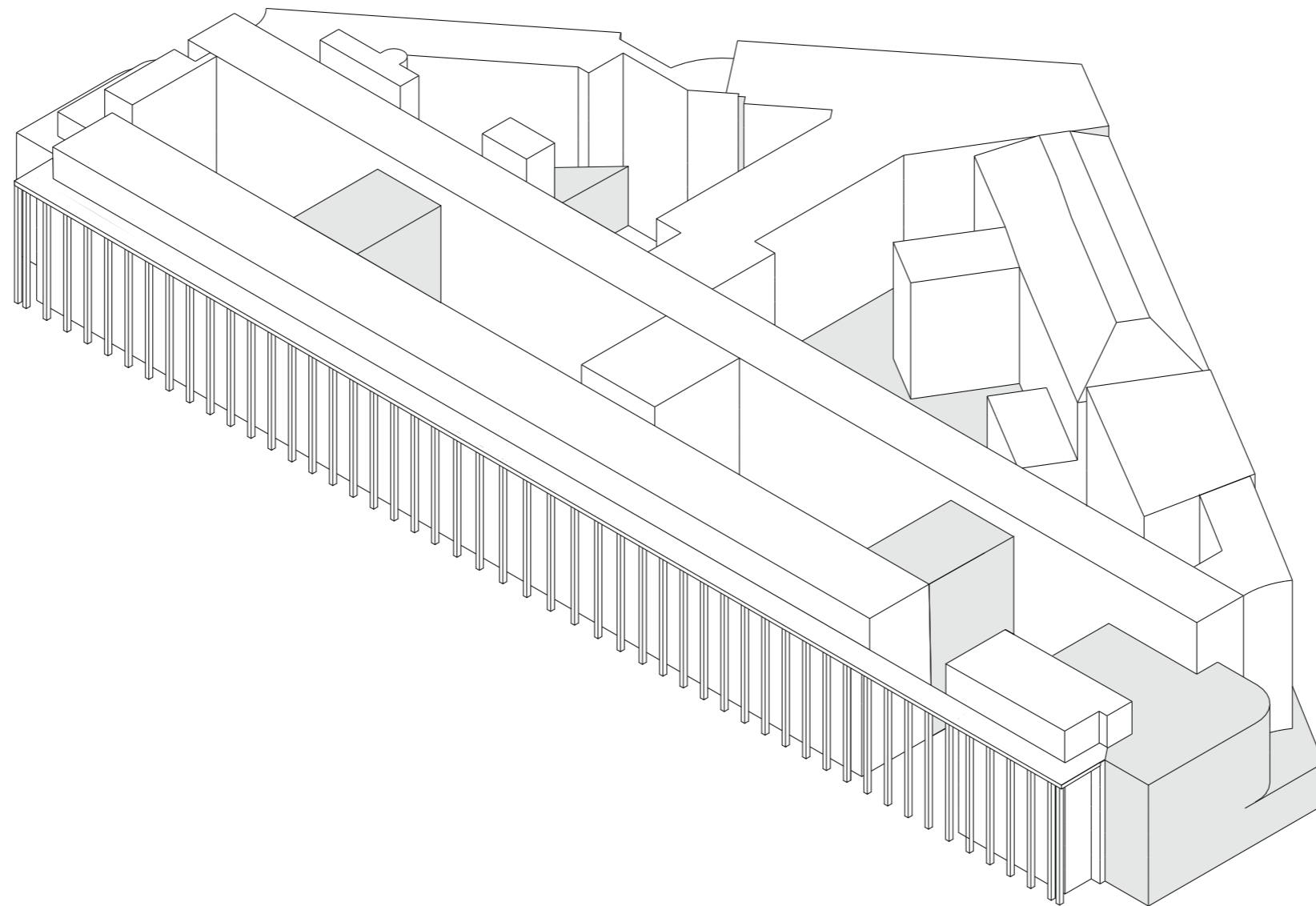
taking away



adding



proposal



proposal

a national bank: a financial and public institution aiming for a more open relationship with its city.

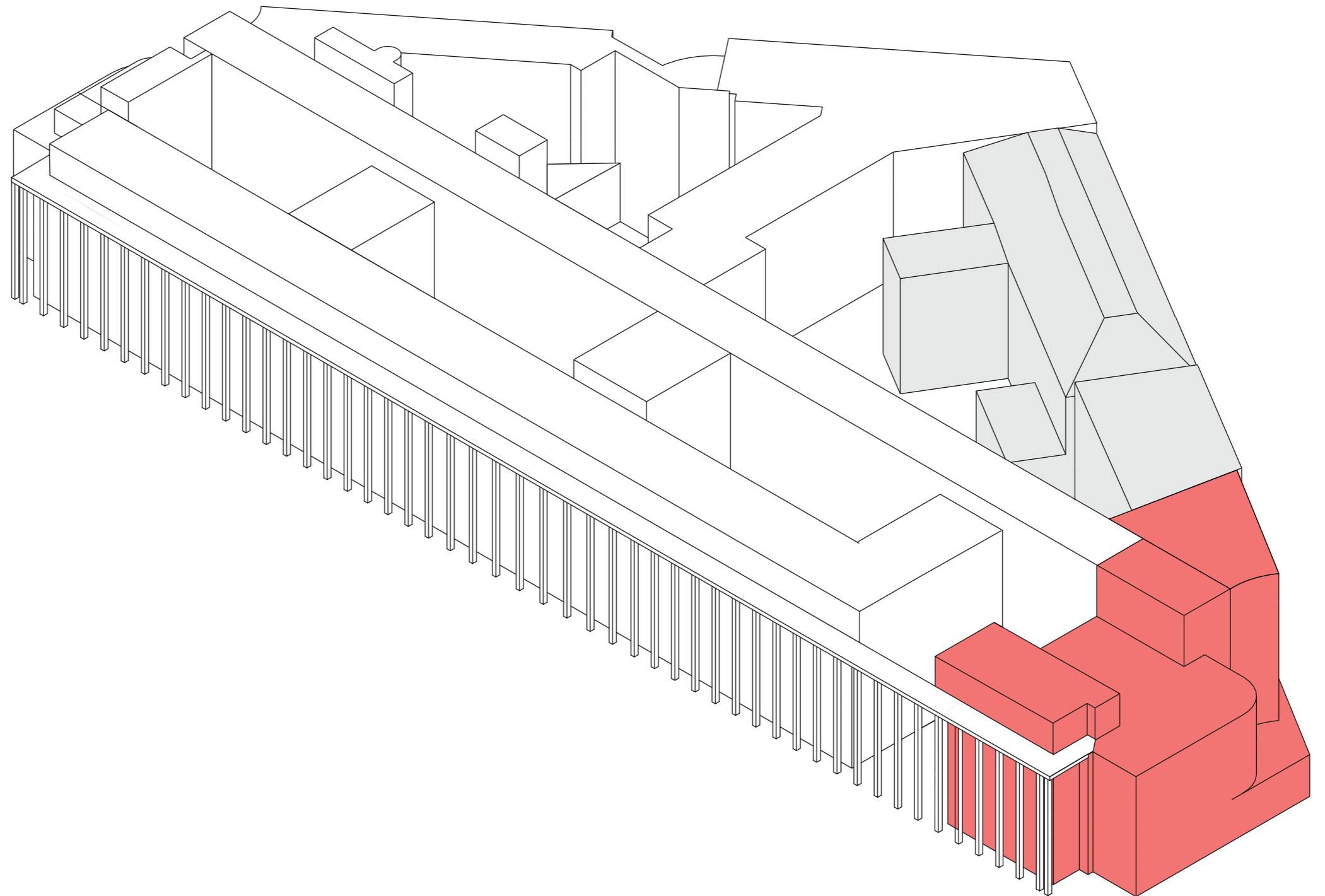
the future democratized bank is aiming to be more permeable and offer a platform for the public. it is proposed the building reinvents itself in organization and attitude towards itself and its surroundings.

an educational centre: educational and scientific auxiliary institution that organizes the public use of published works. an extension of the bank: the knowledge bank.

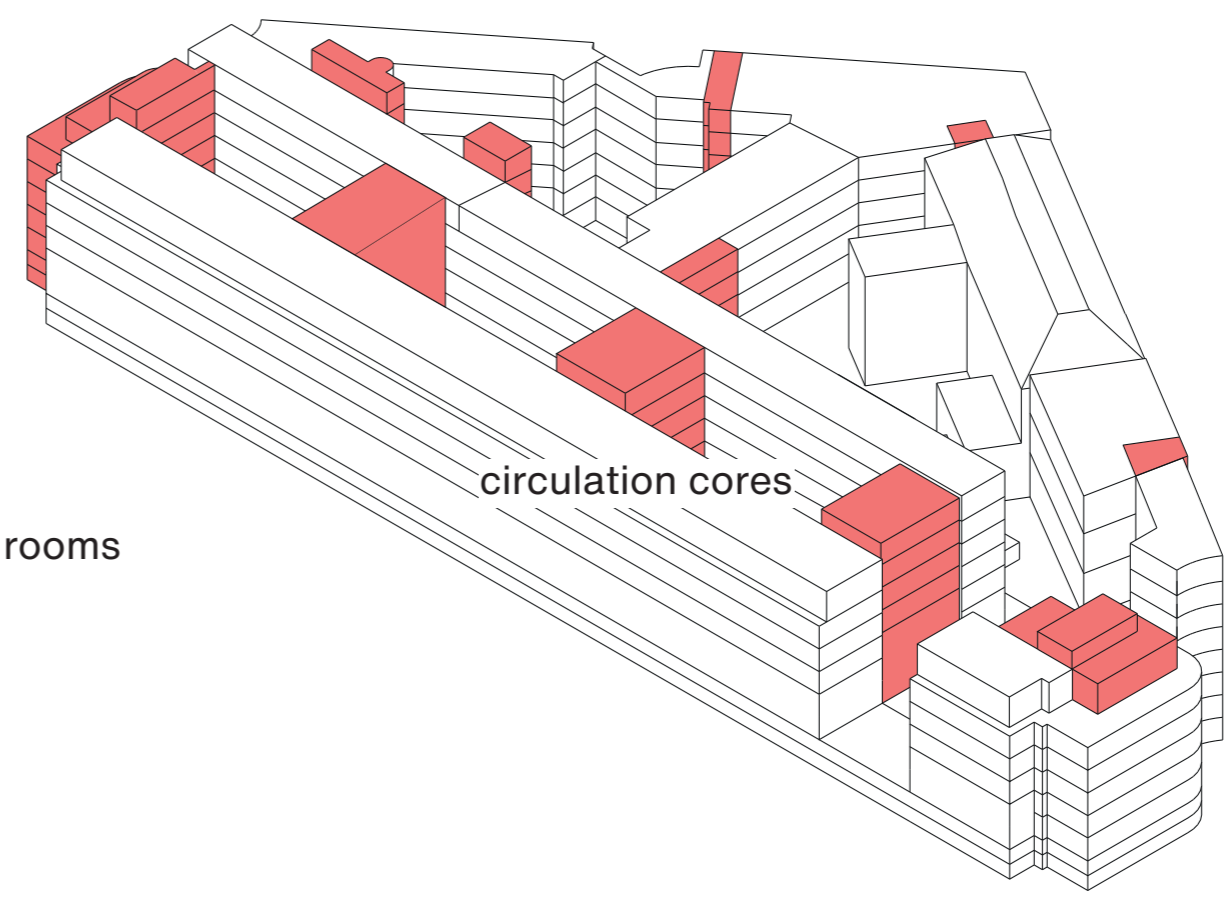
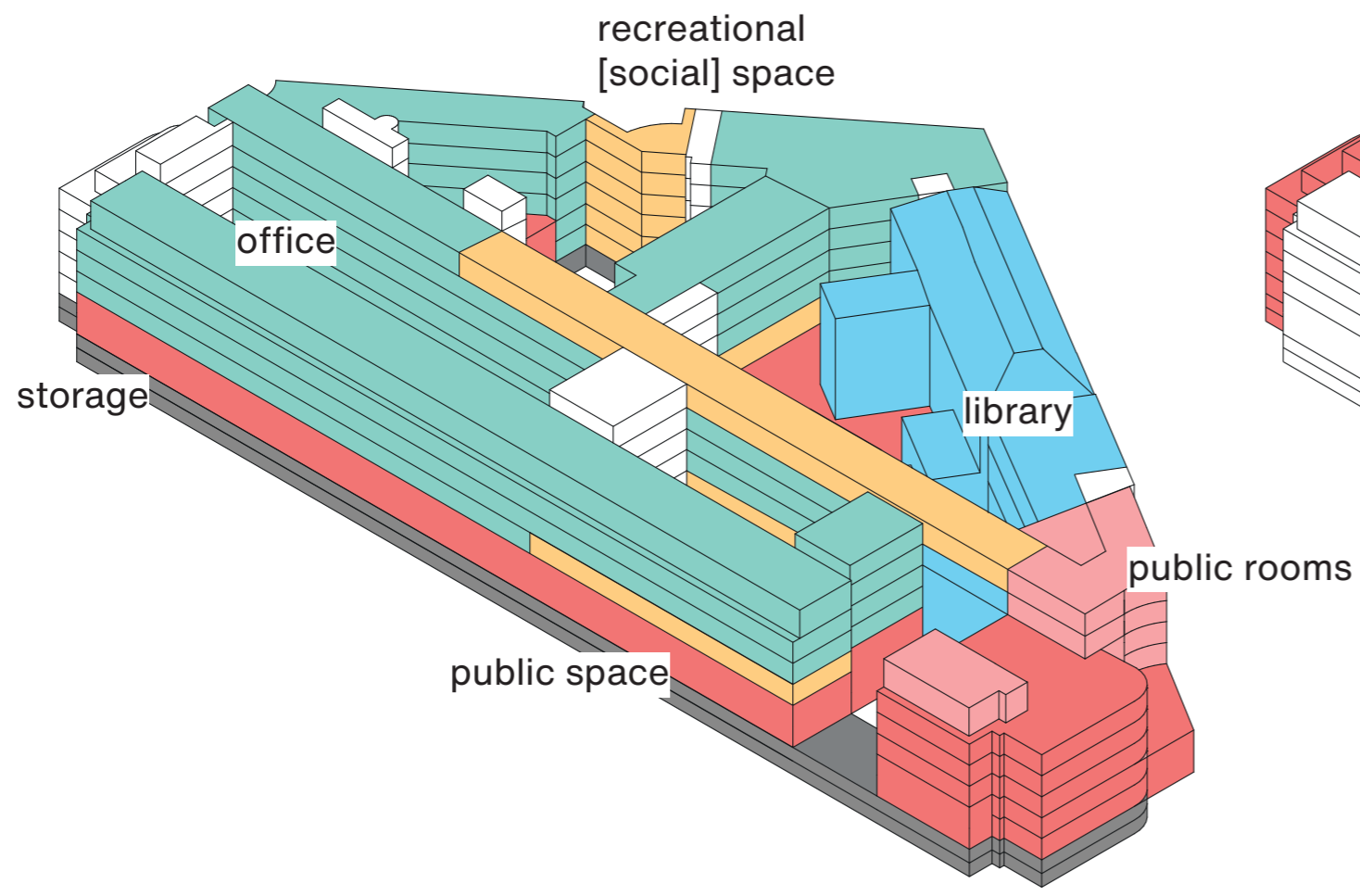
it is proposed to be a building that activates the city and raises awareness. at the same time the building should function as a practical educator on economics, language, climate and other societal topics.

a cultural hybrid: a building wich aims to re-establish a connection between upper and lower brussels, between the citizens and the institutions.

brussels is a city with cultural significance. but to be an open city means that “everyone receives sufficient chances for personal development and for climbing up the social ladder. traning, employment and housing are therefore the key sectors.”



program

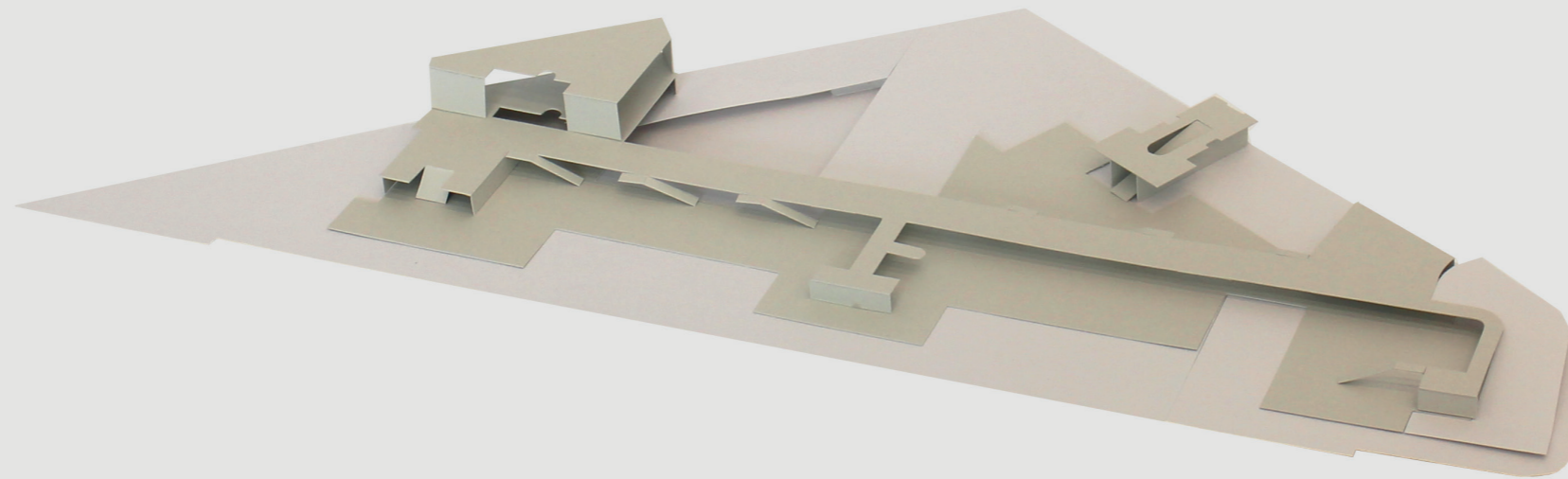


the spine 'that has things'

the public space within the building guides the public along different routes through the building

the spine along which **city life** happens is the big connector within the building

on both sides public program is added and the ground floor is elevated with public rooms and spaces to break open the vast structures of the building

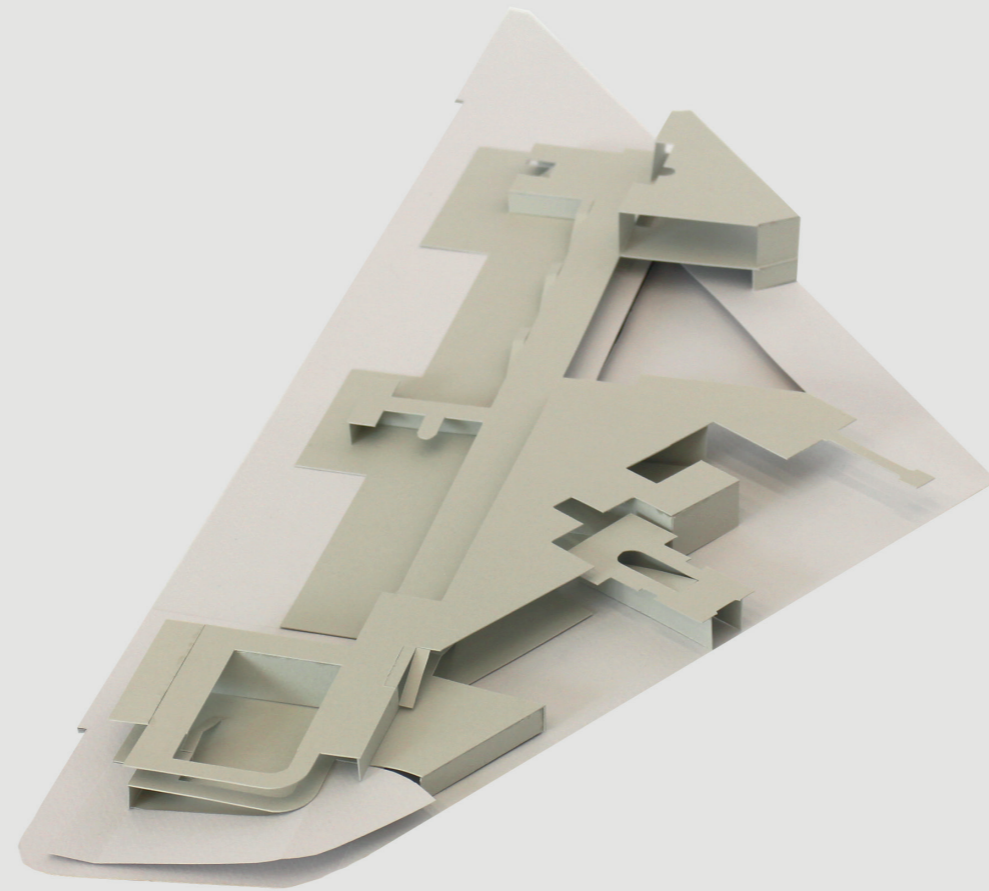


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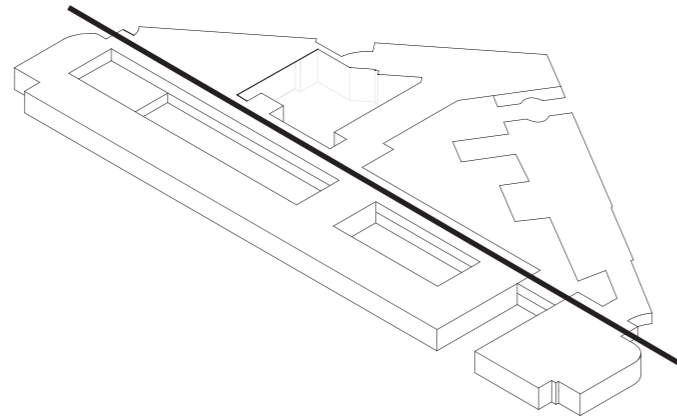
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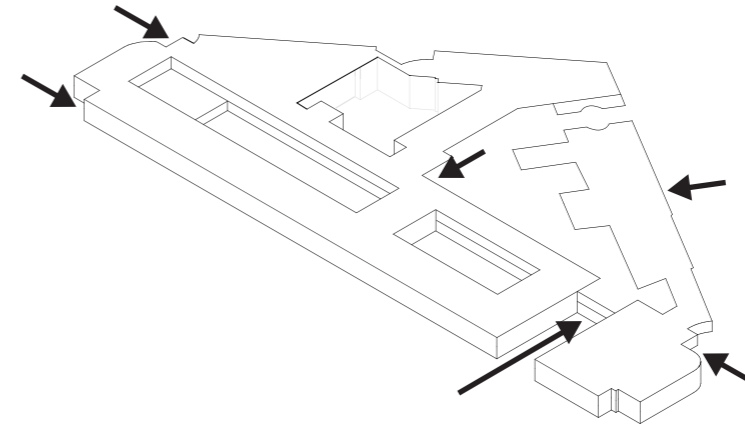


public routes

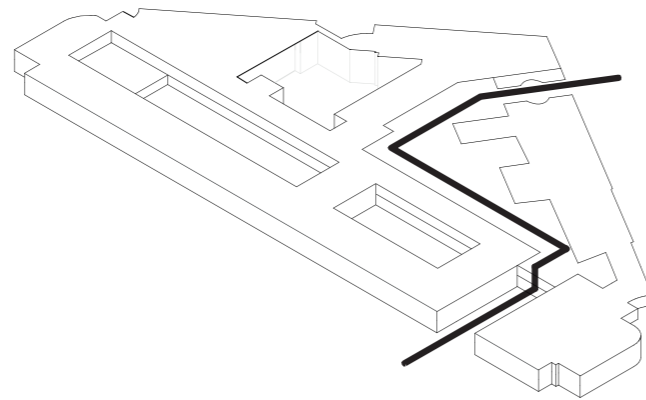
leading along the public corridor and softening the boundary between upper and lower brussels: an open and inviting structure



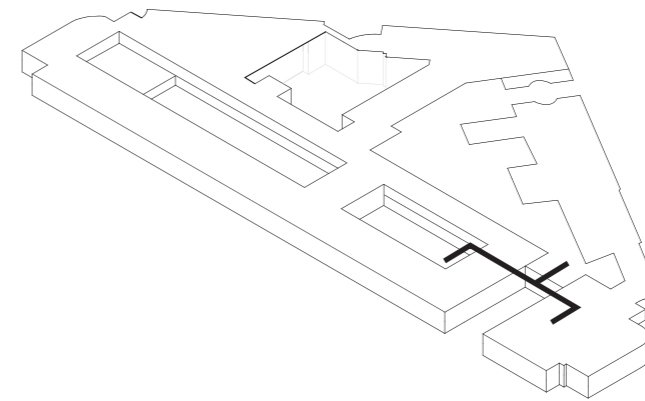
(1) mezzanine route



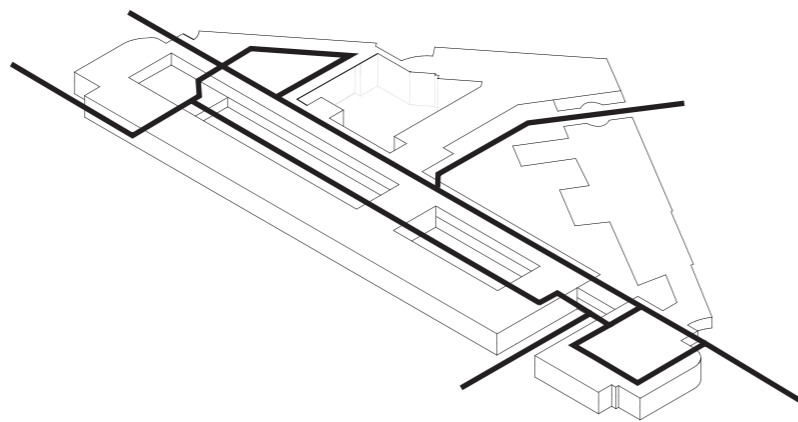
(4) entrances



(2) upper-lower route

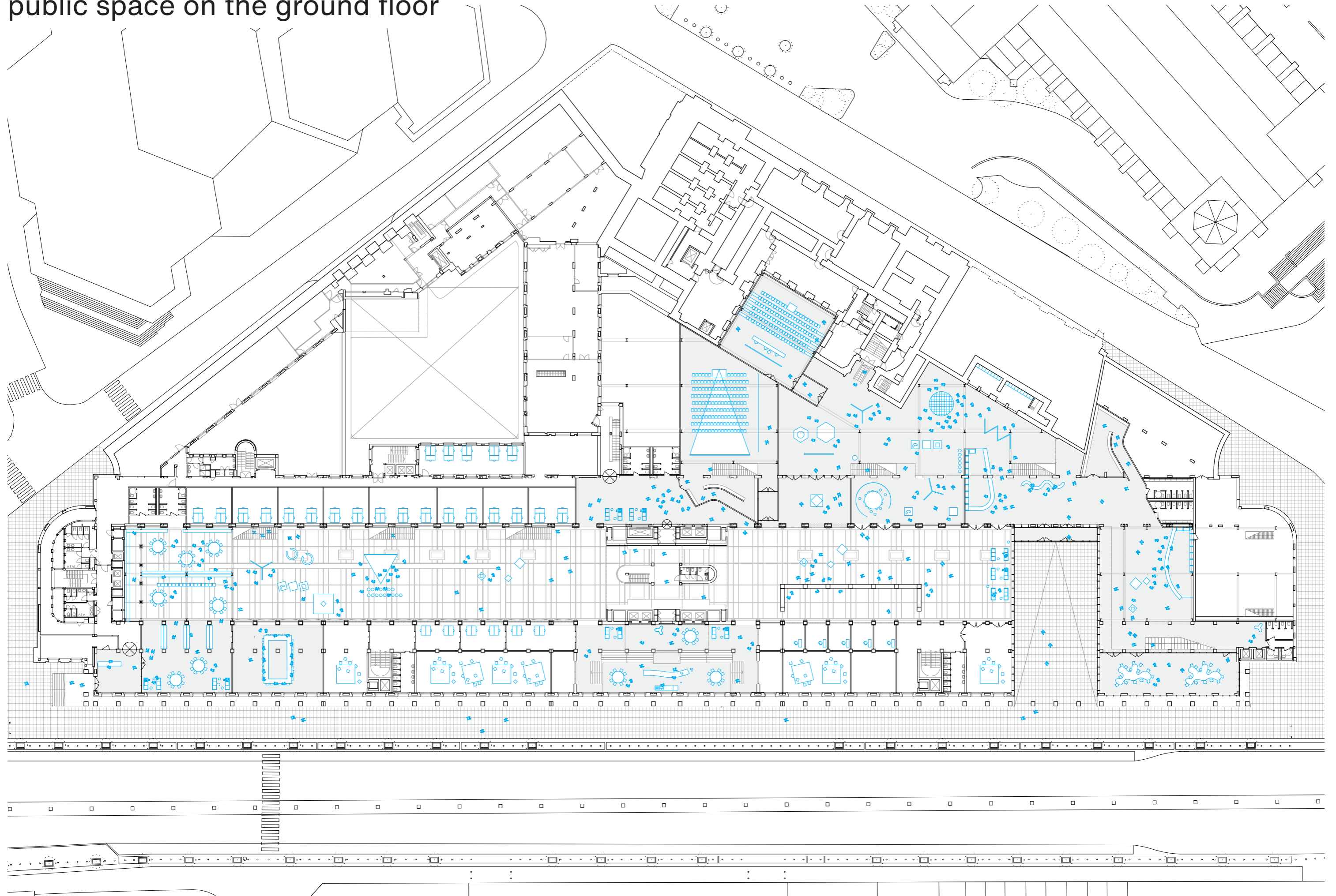


(5) main entrance



(3) a network of routes

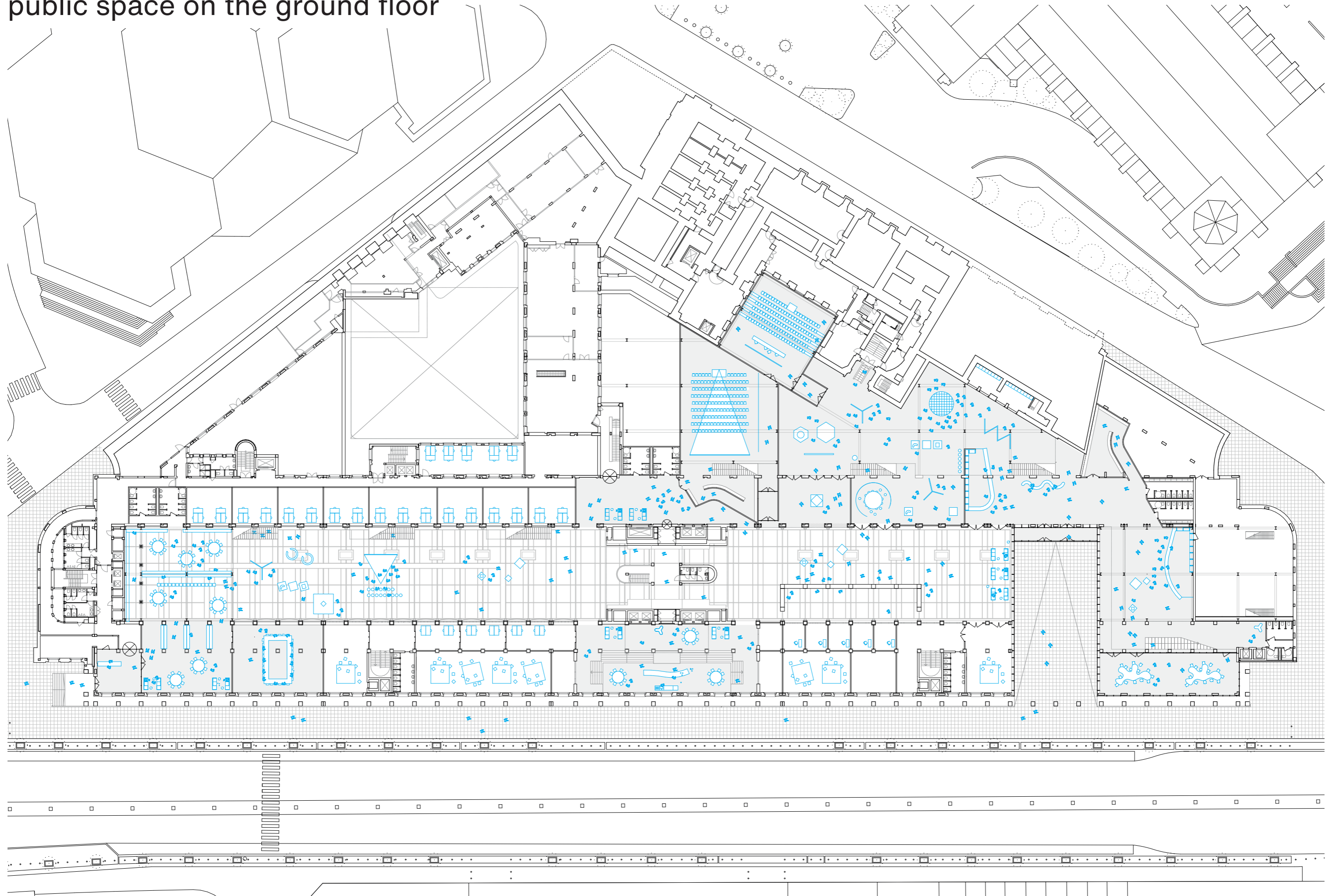
public space on the ground floor



a new main entrance

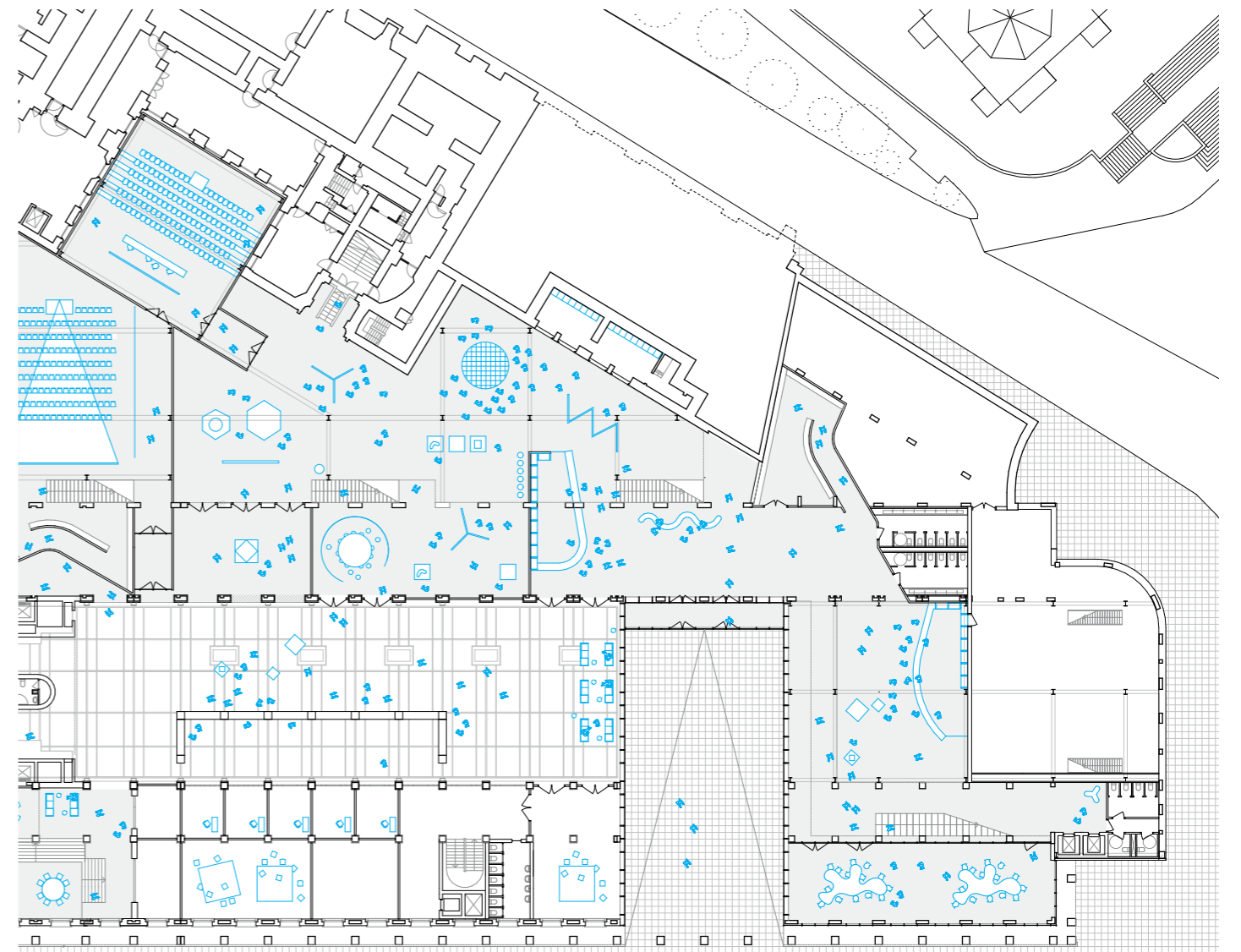
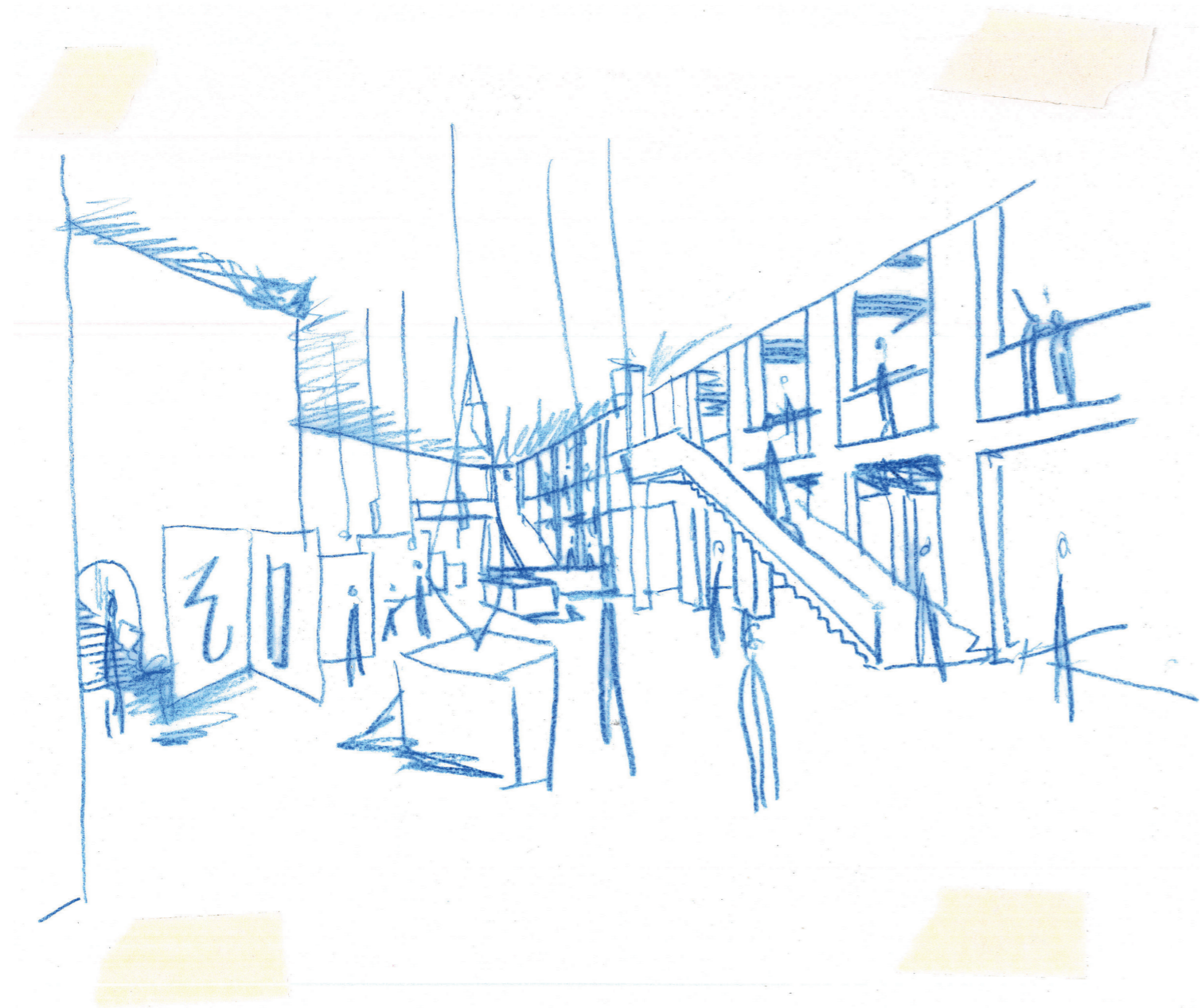


public space on the ground floor



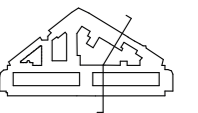
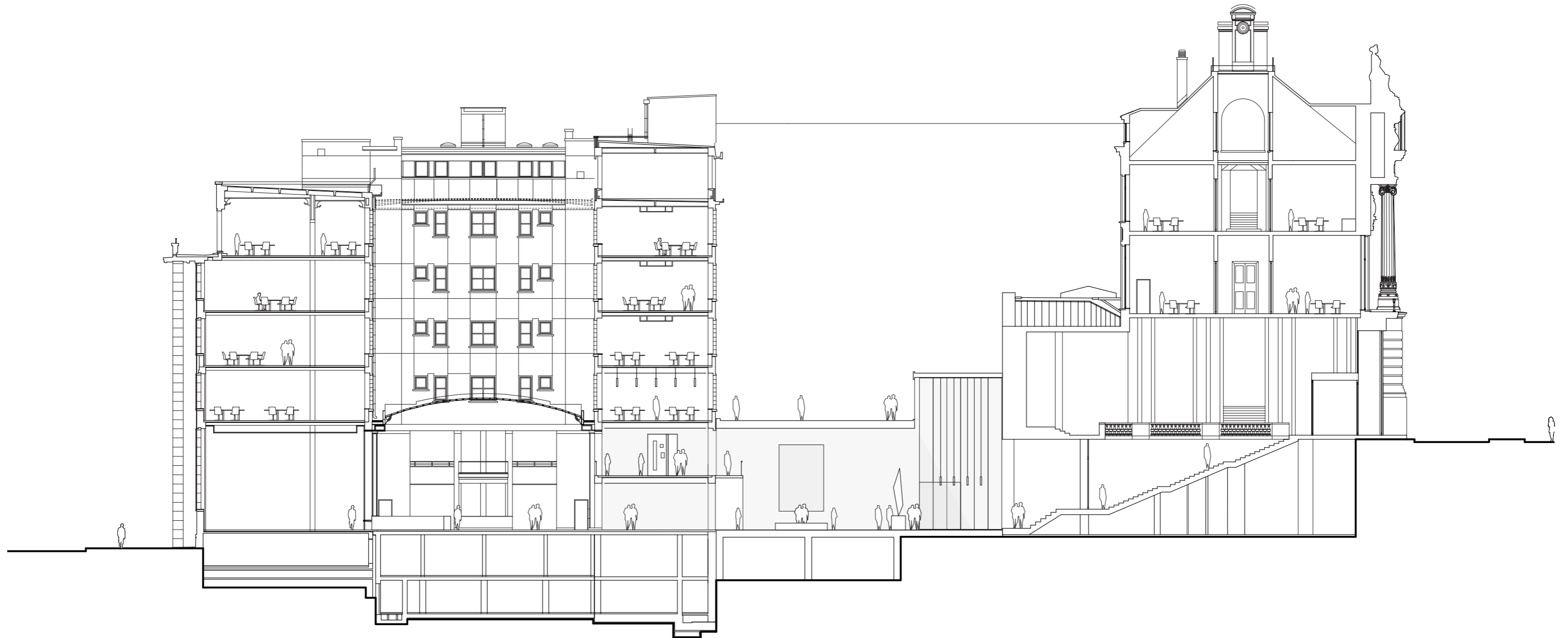
the exhibition space

public space flowing through the ground floors of the building



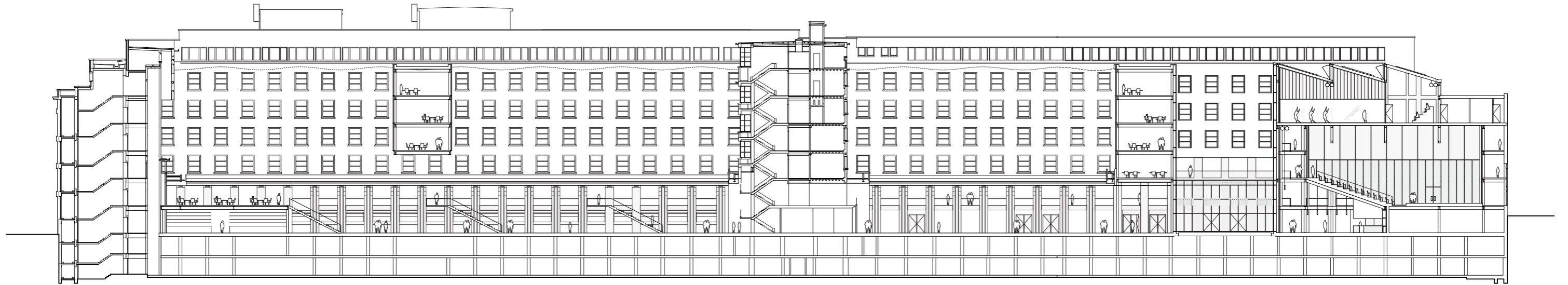
the relation between the hotel and the bank - sectional shift

public space flowing through the ground floors of
the building



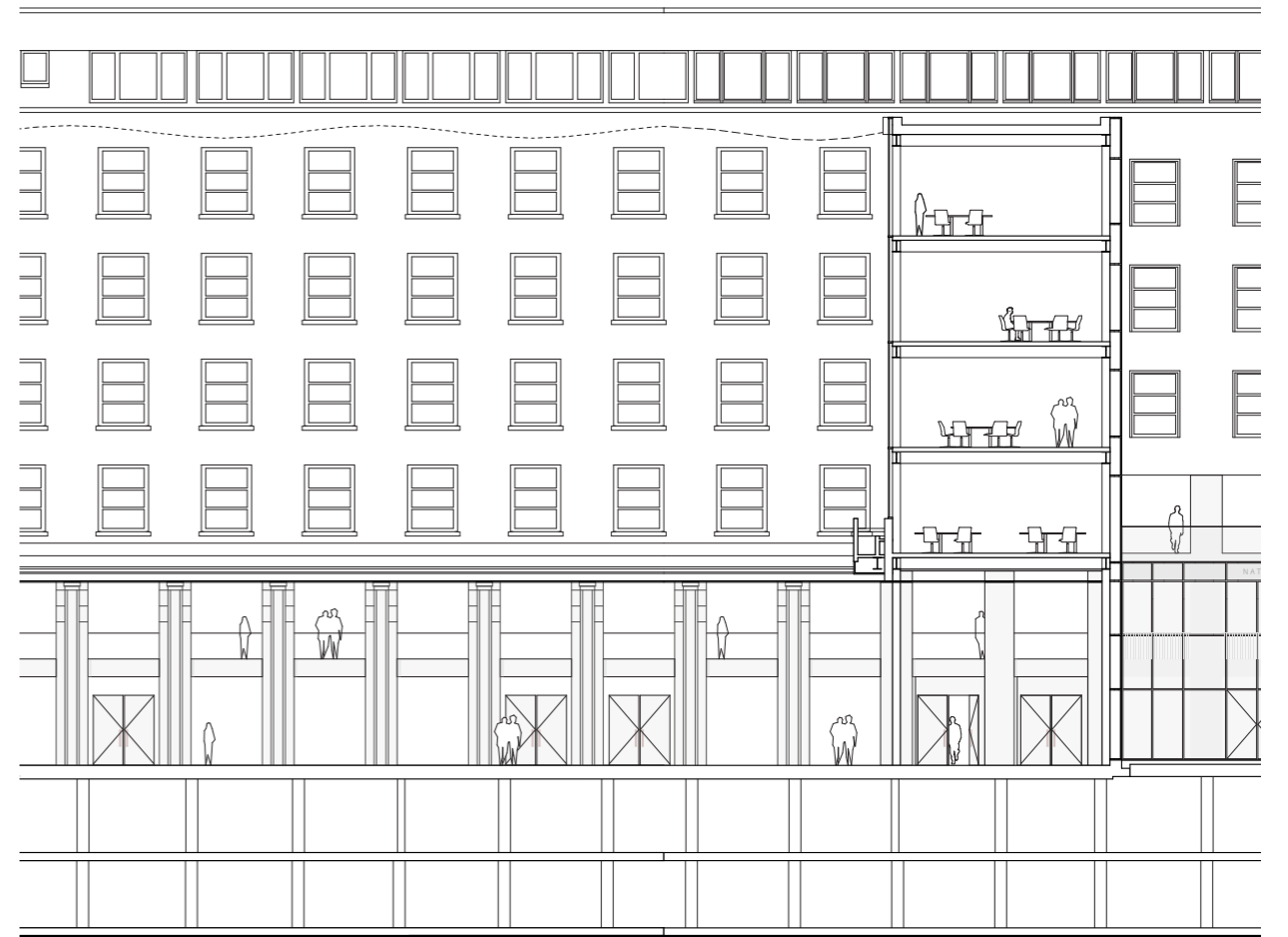
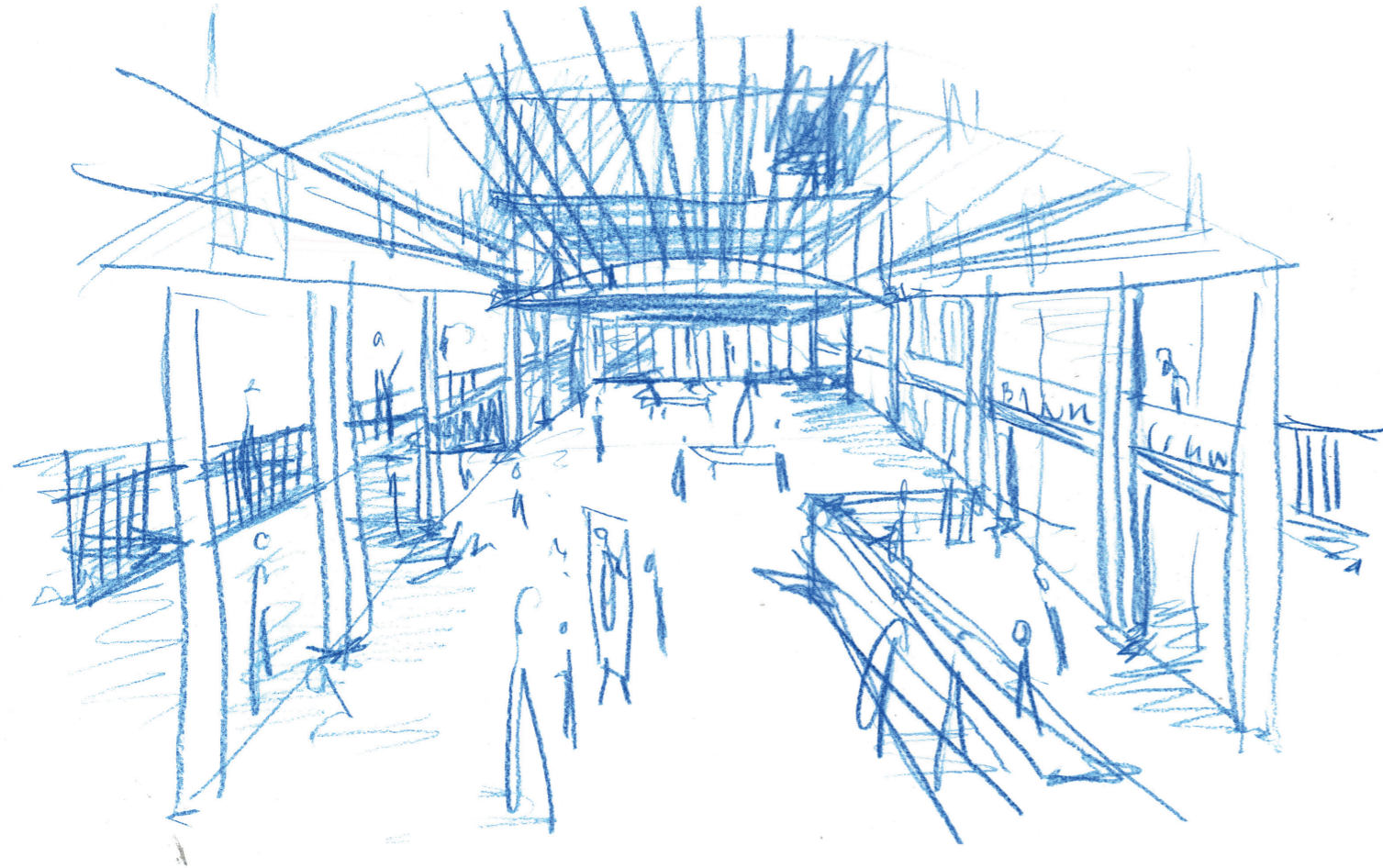
the banking hall

public space flowing through the ground floors of the building

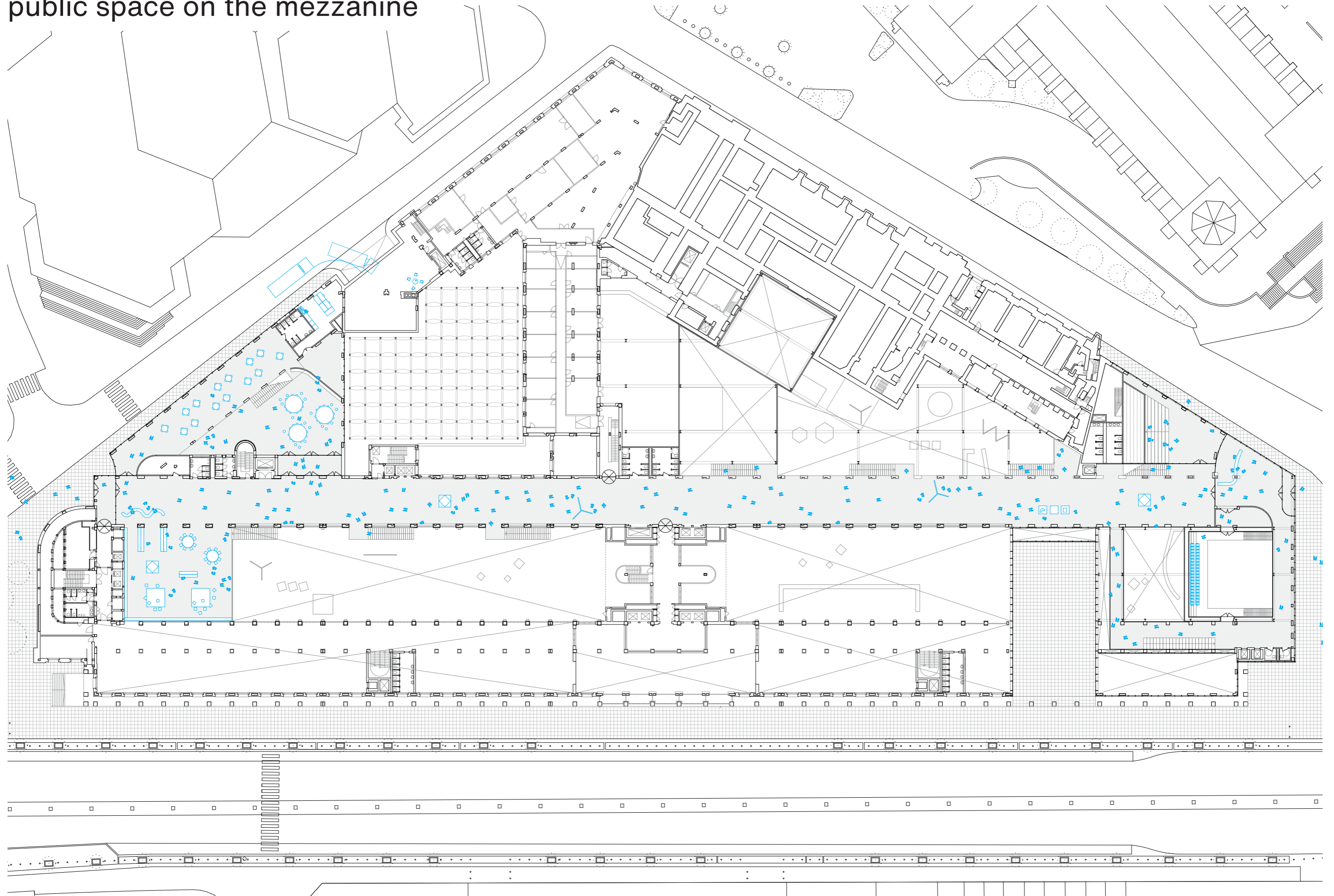


the banking hall

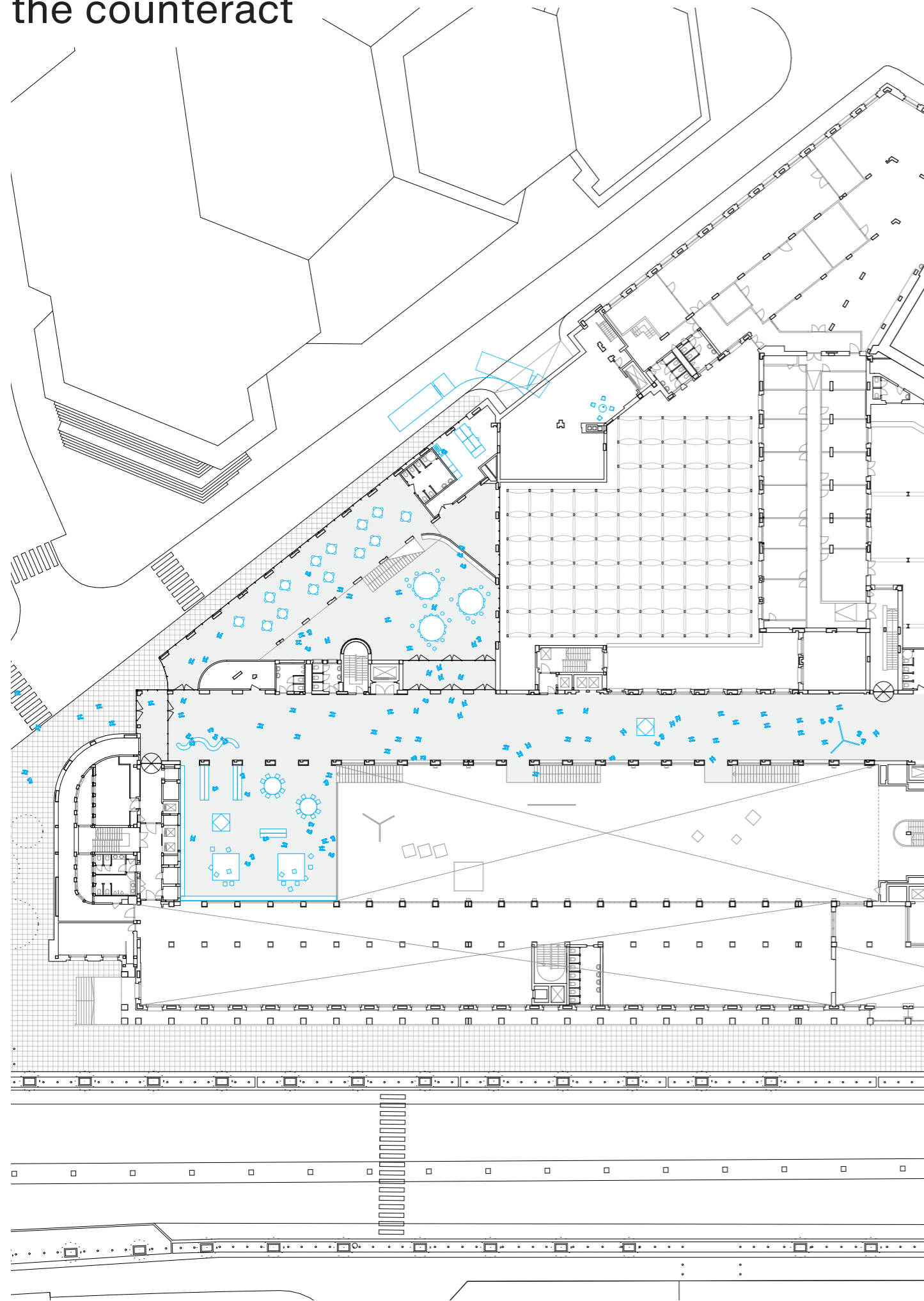
public space flowing through the ground floors of
the building



public space on the mezzanine



the counteract

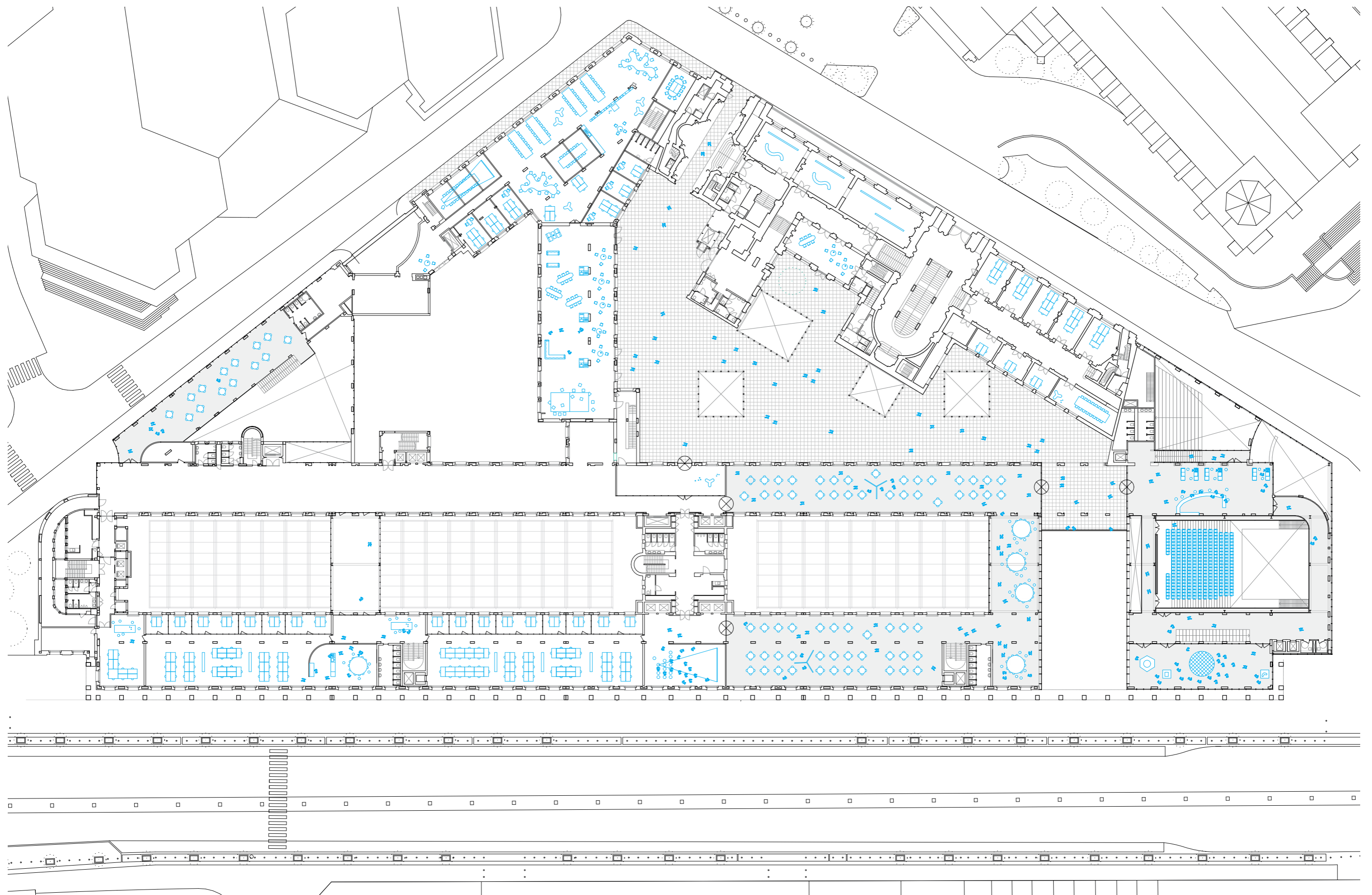


the spine which connects all public life through the building

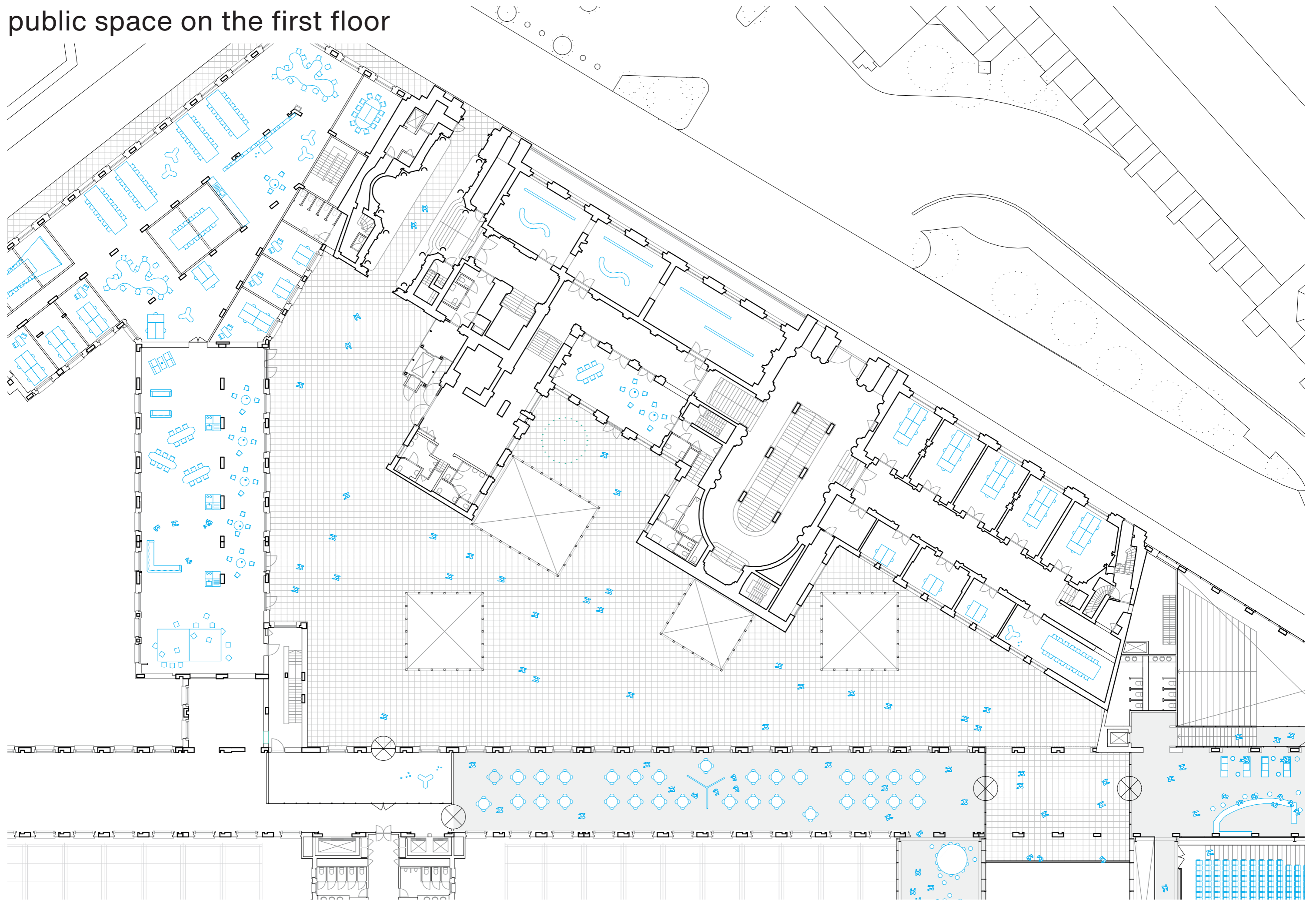
public space flowing through the ground floors of
the building



public space on the first floor

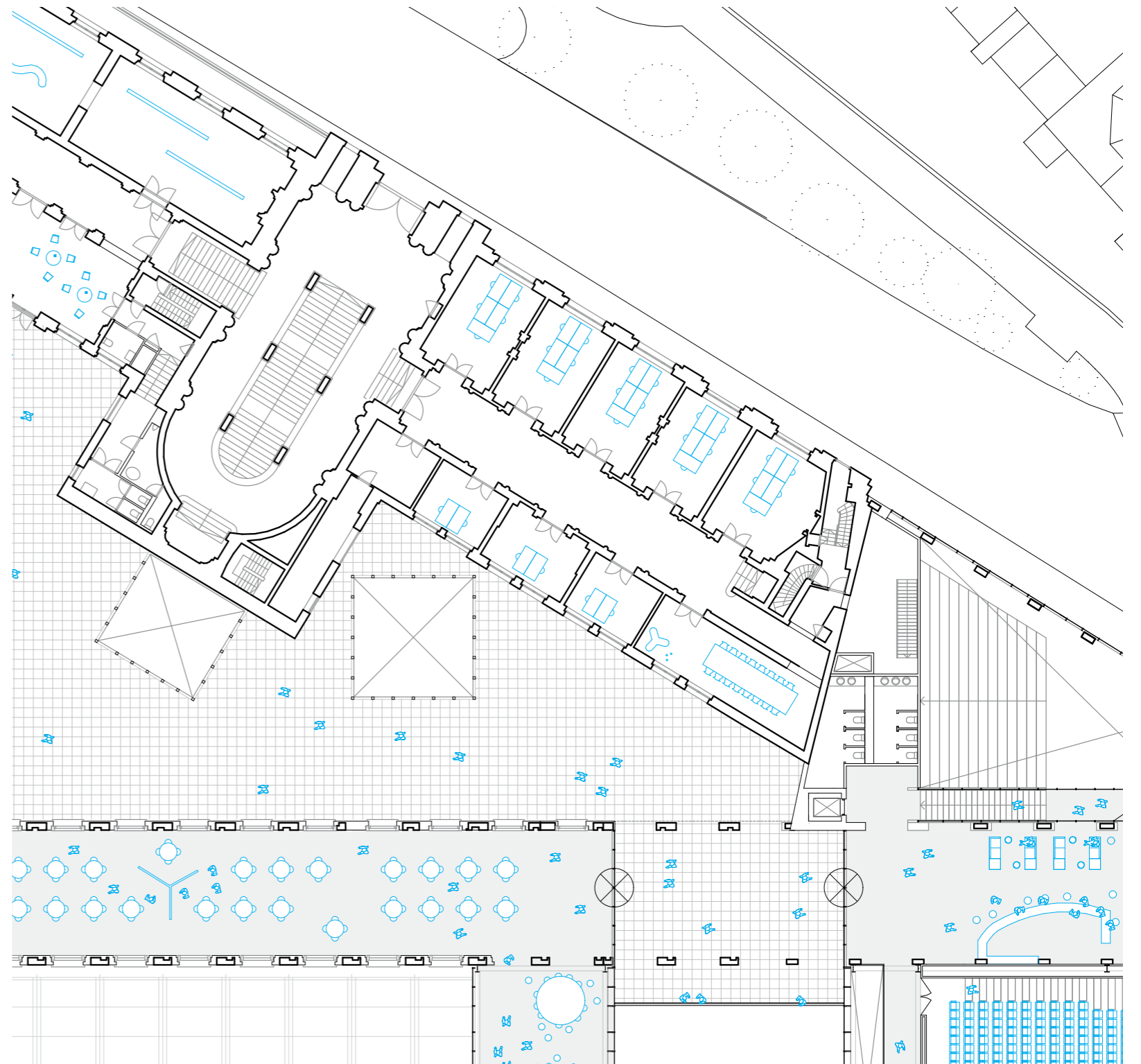
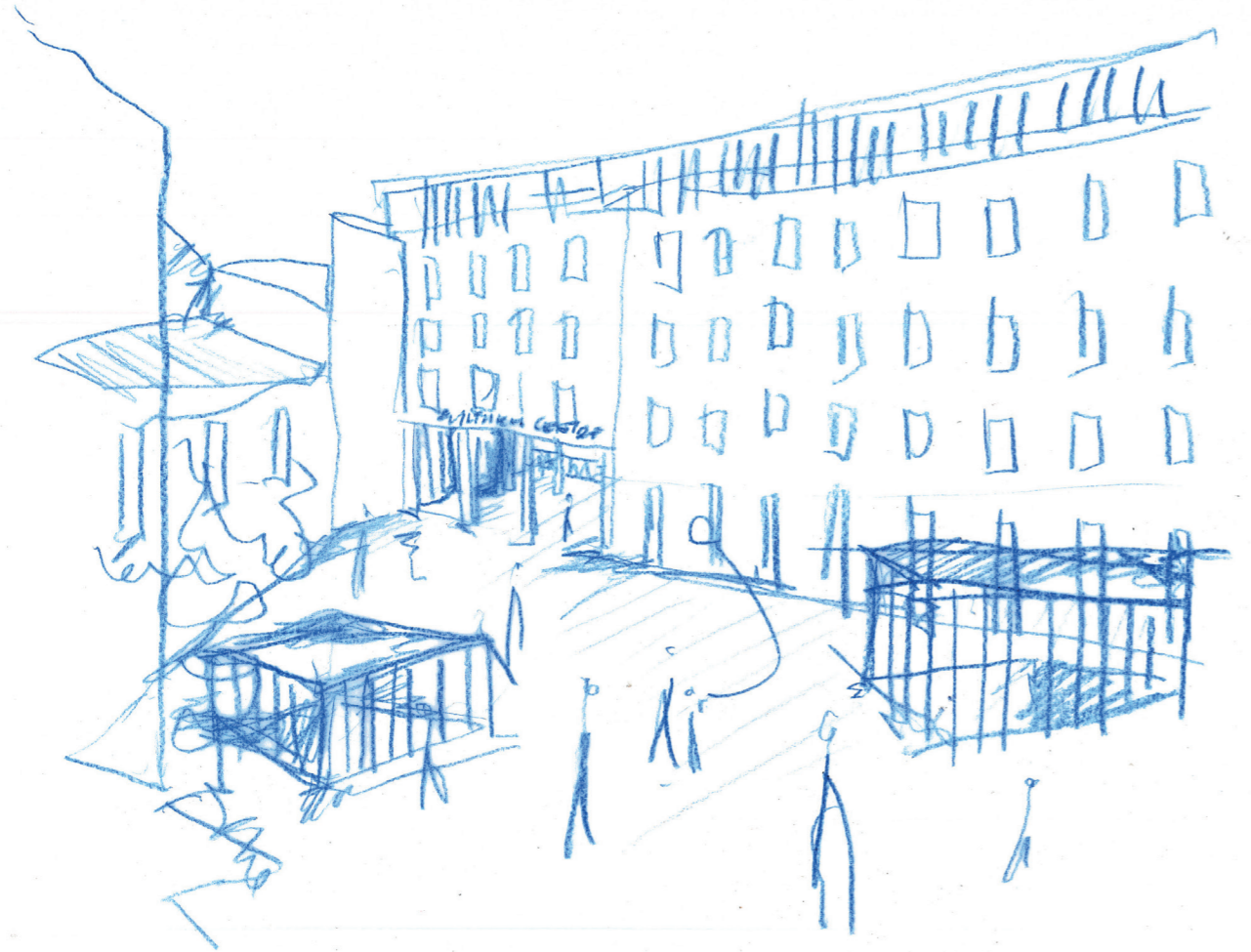


public space on the first floor

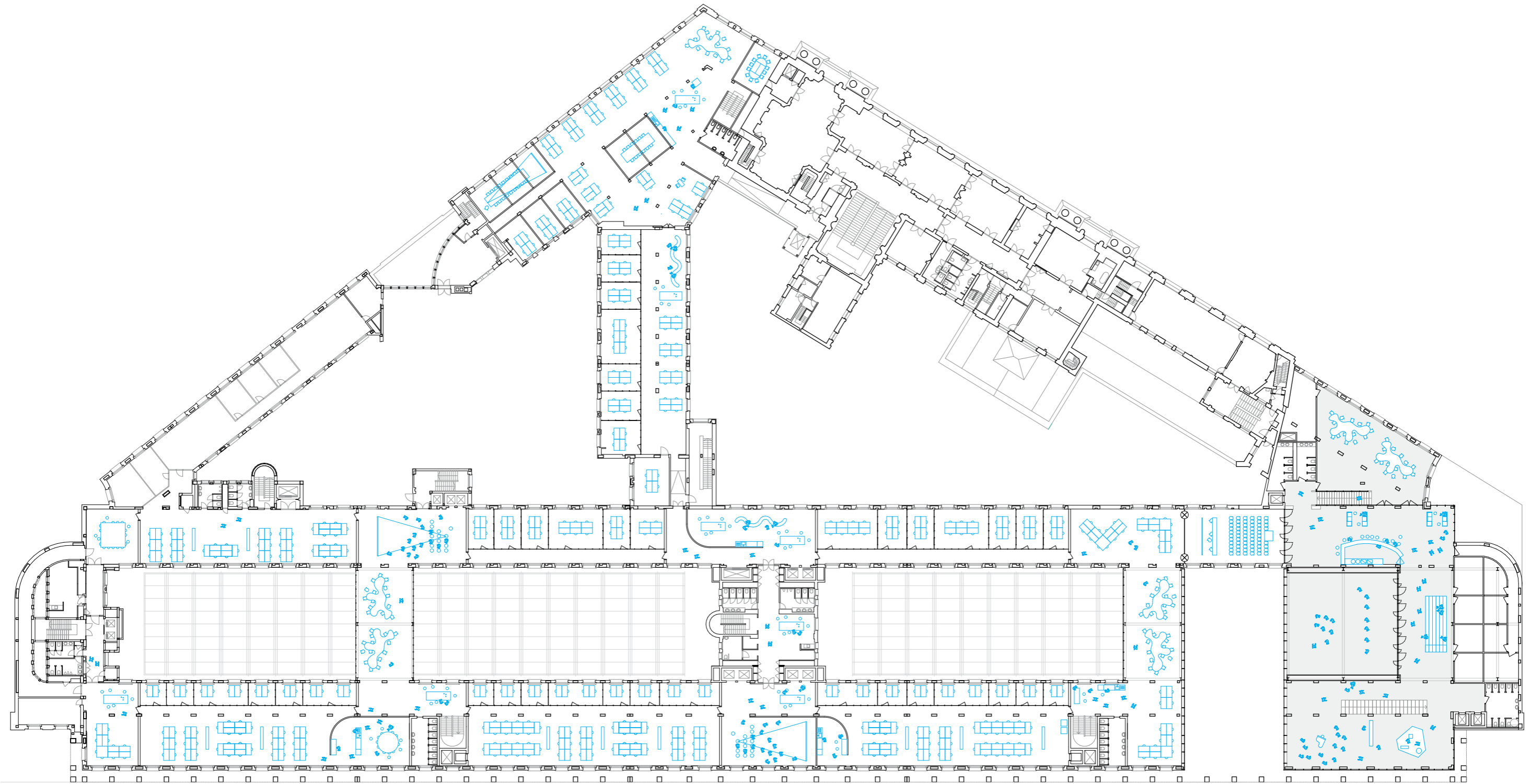


the roofterrace

public space flowing through the ground floors of the building

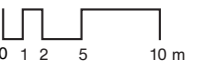


the bank and public space on the third floor

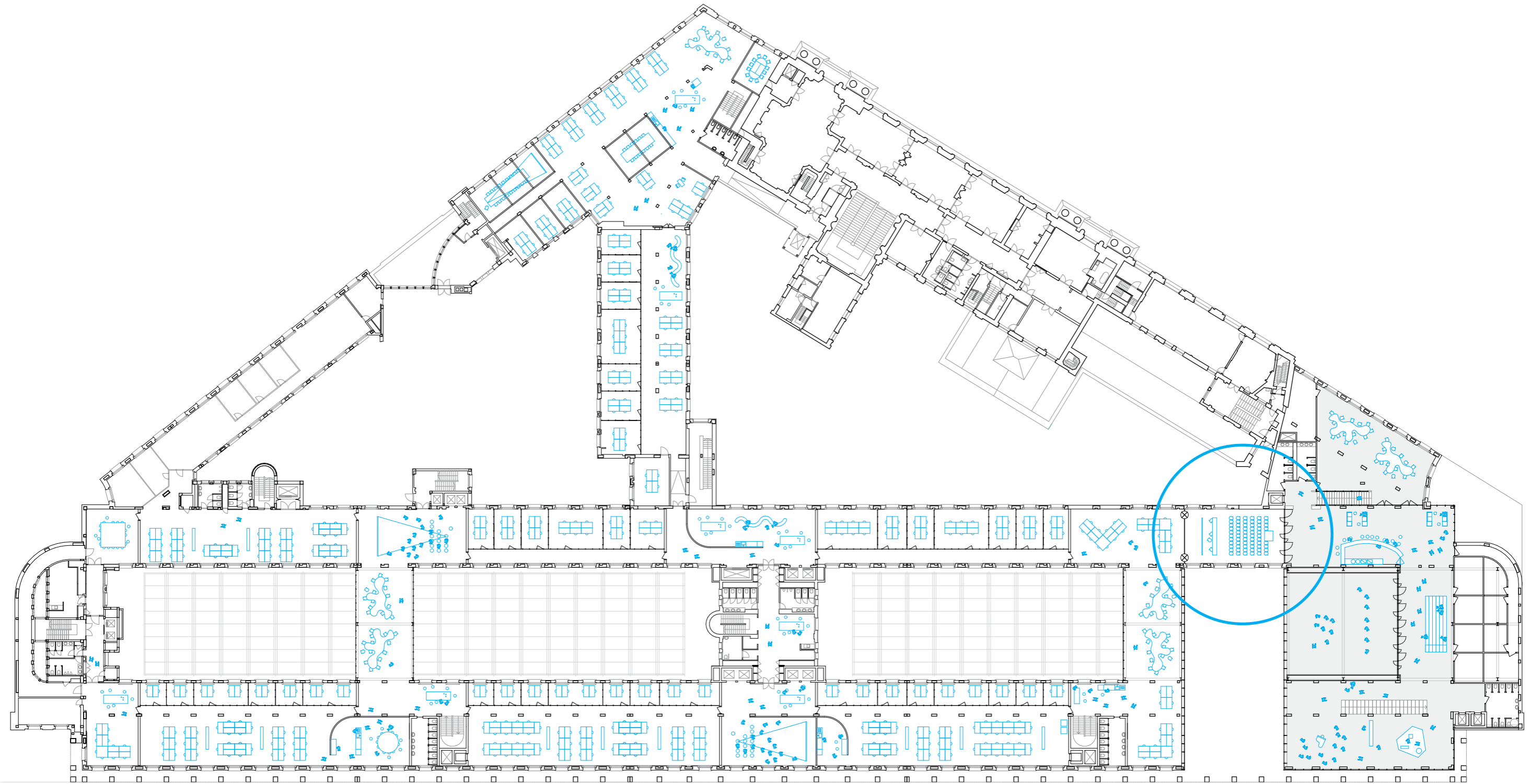


Third Floor Plan +3

Scale 1.400
National Bank Belgium
Brussels

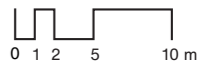


how is the office impacted?

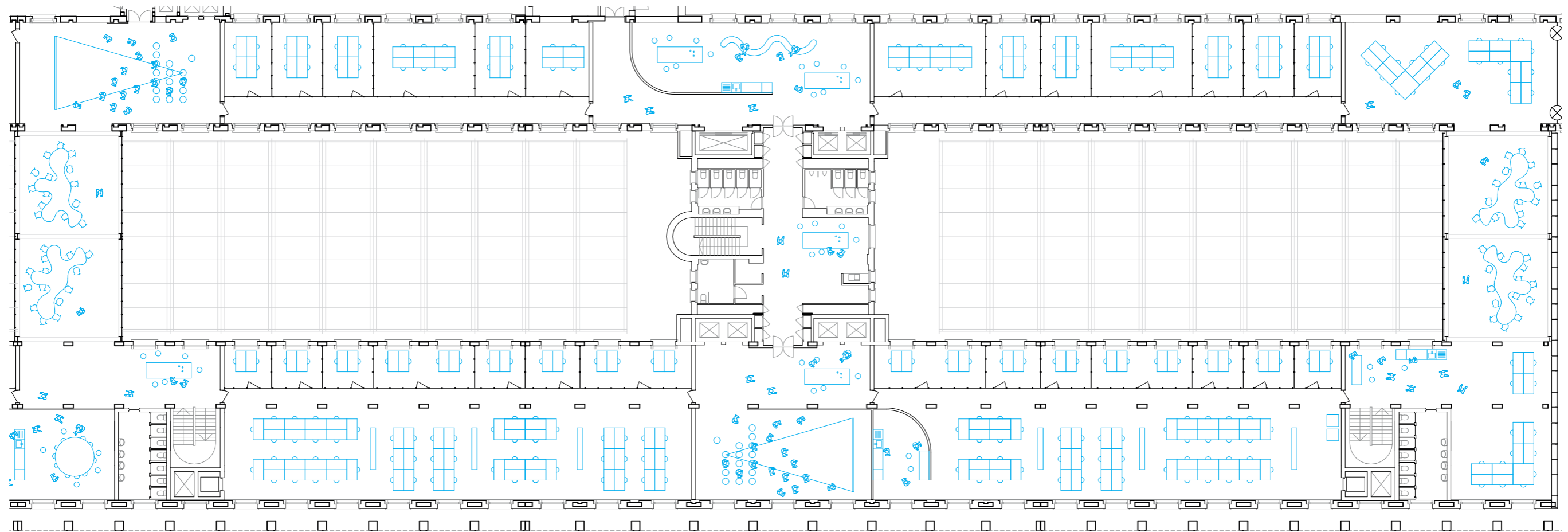


Third Floor Plan +3

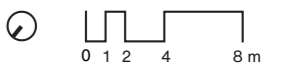
Scale 1.400
National Bank Belgium
Brussels



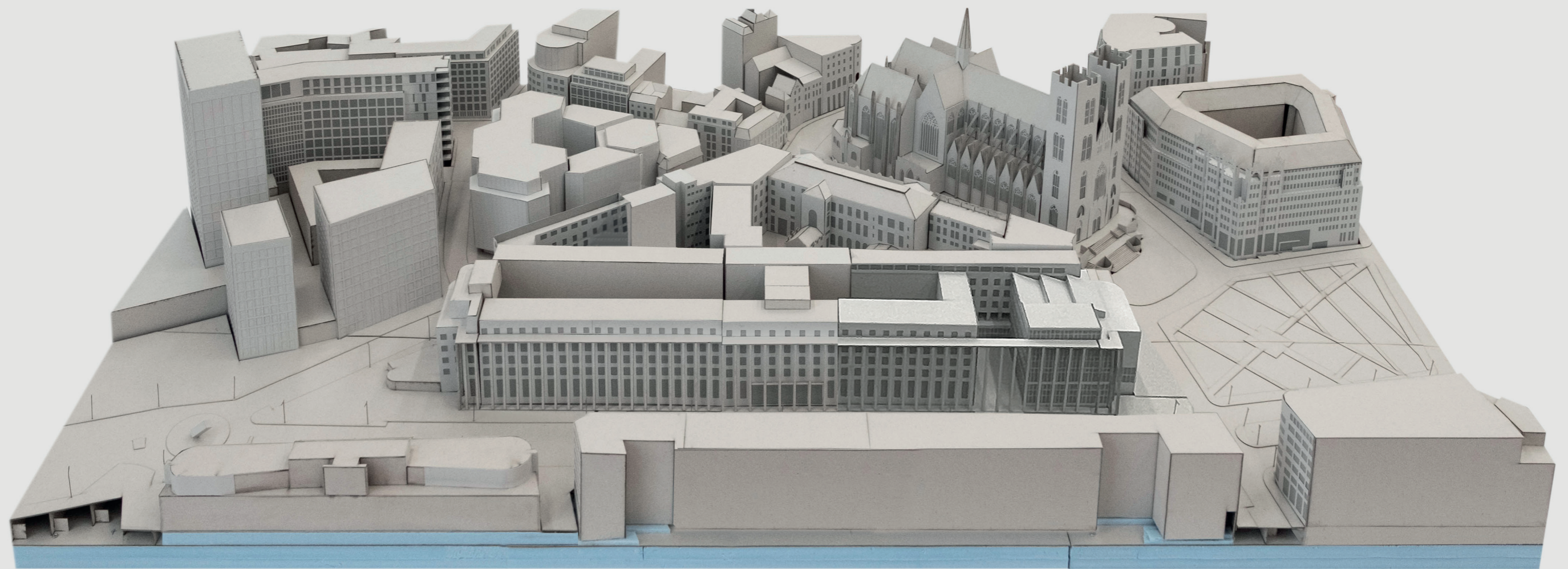
typical office floor



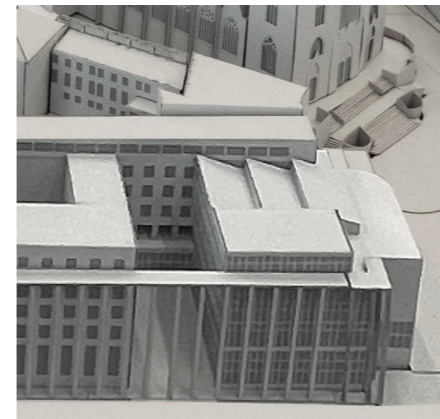
Scale 1:333
National Bank Belgium
Brussels



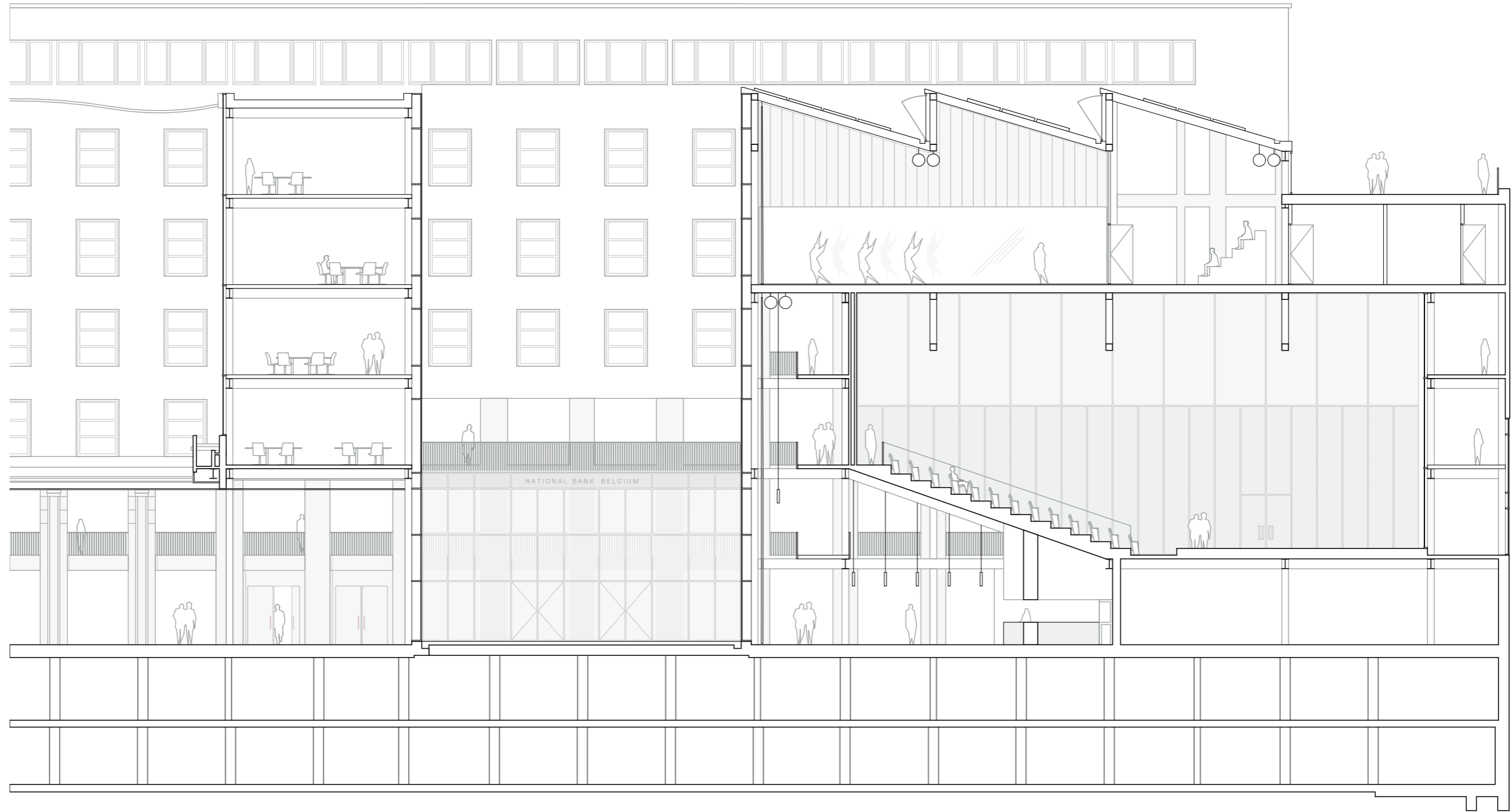
zooming in...



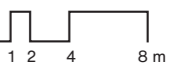
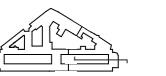
zooming in...



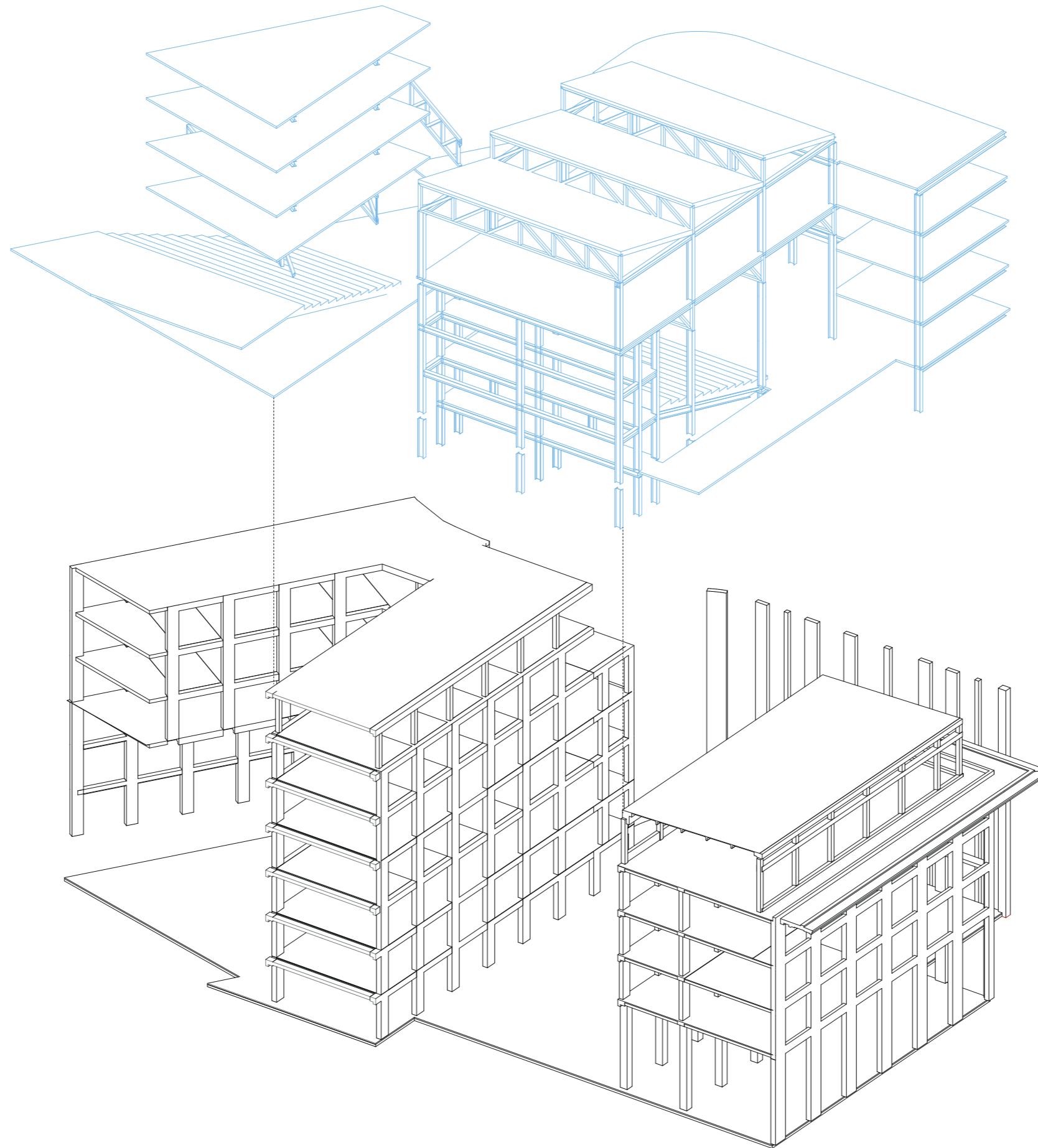
the cultural hybrid: the theatre



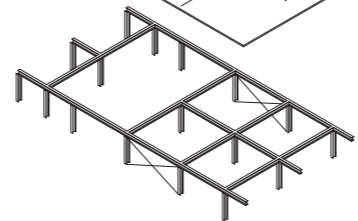
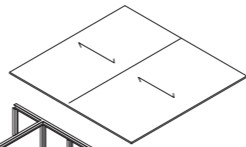
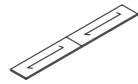
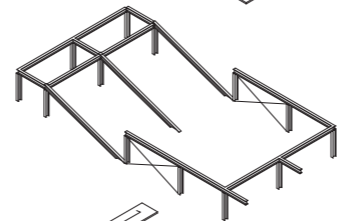
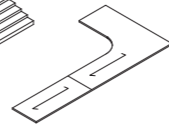
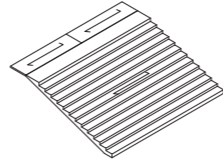
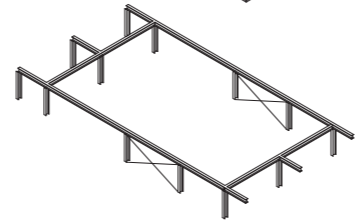
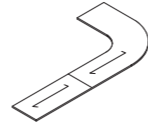
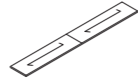
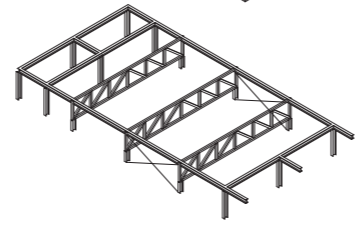
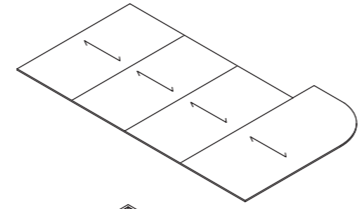
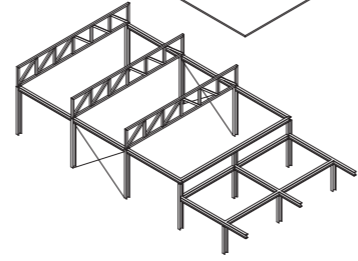
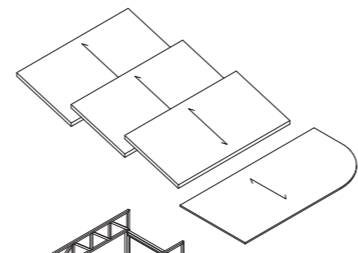
Scale 1.250
National Bank Belgium
Brussels



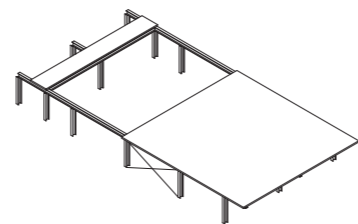
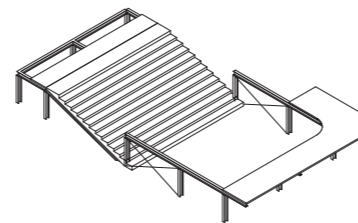
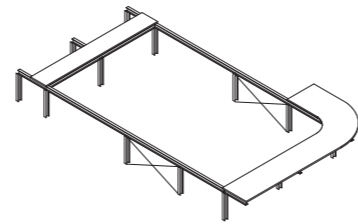
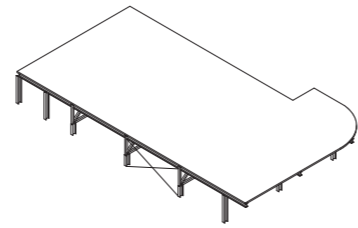
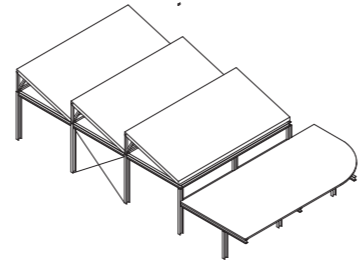
inserted structure
how is it built?



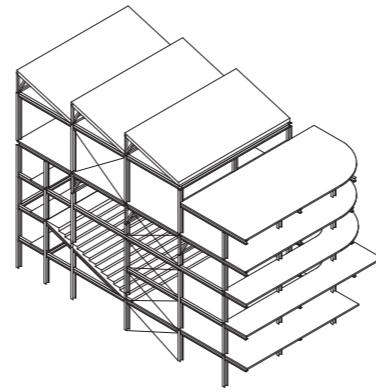
construction



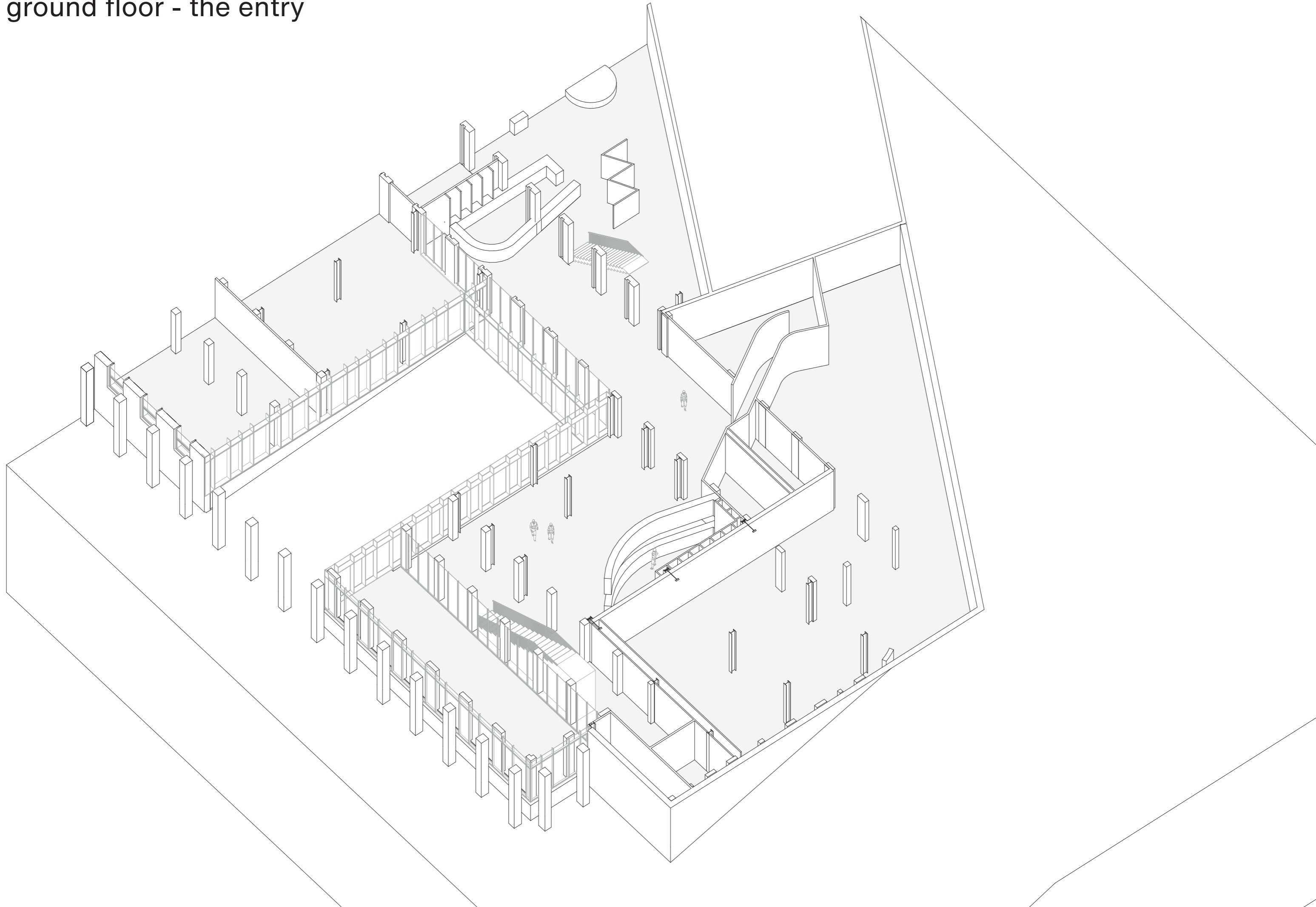
construction



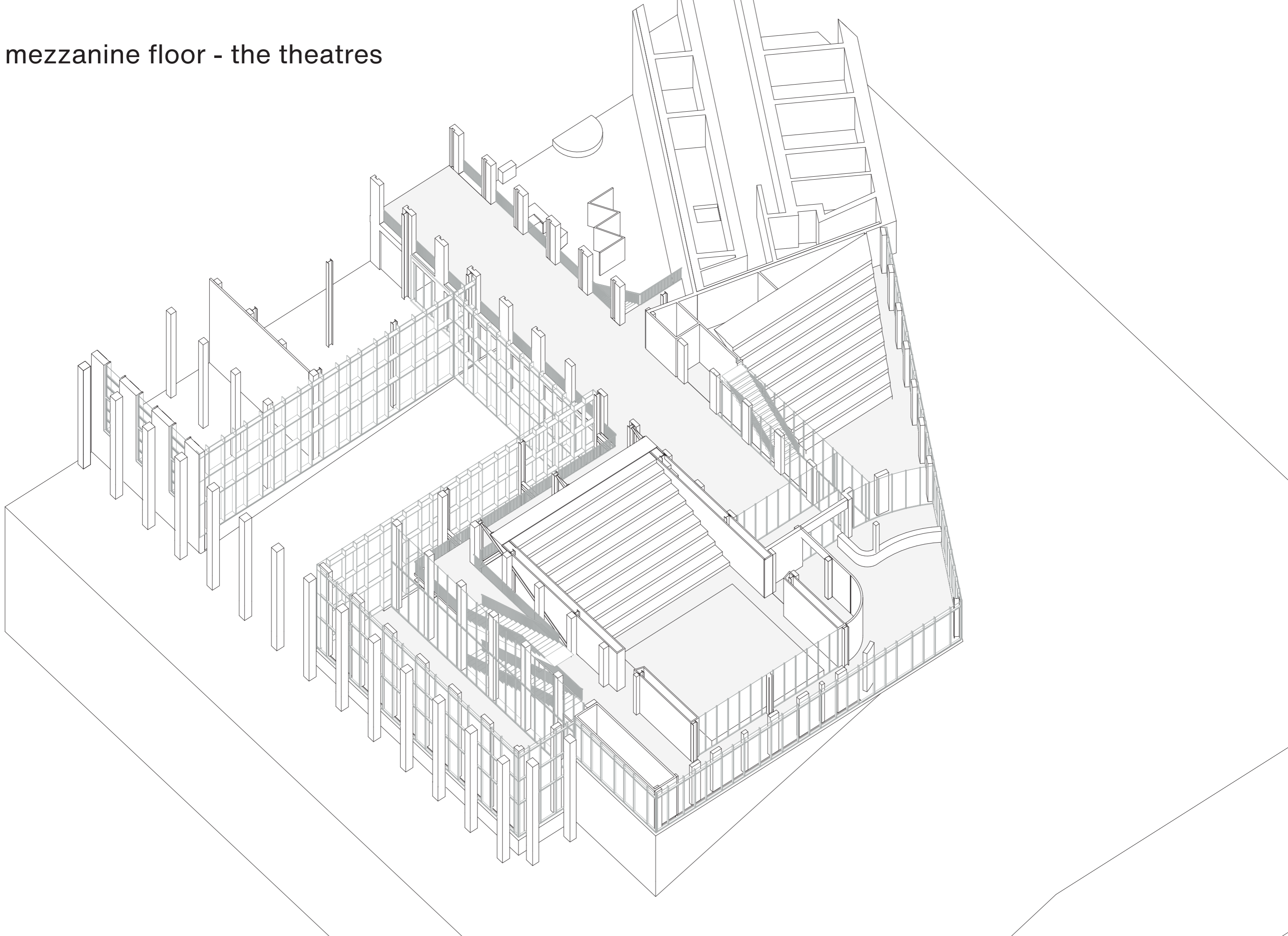
construction



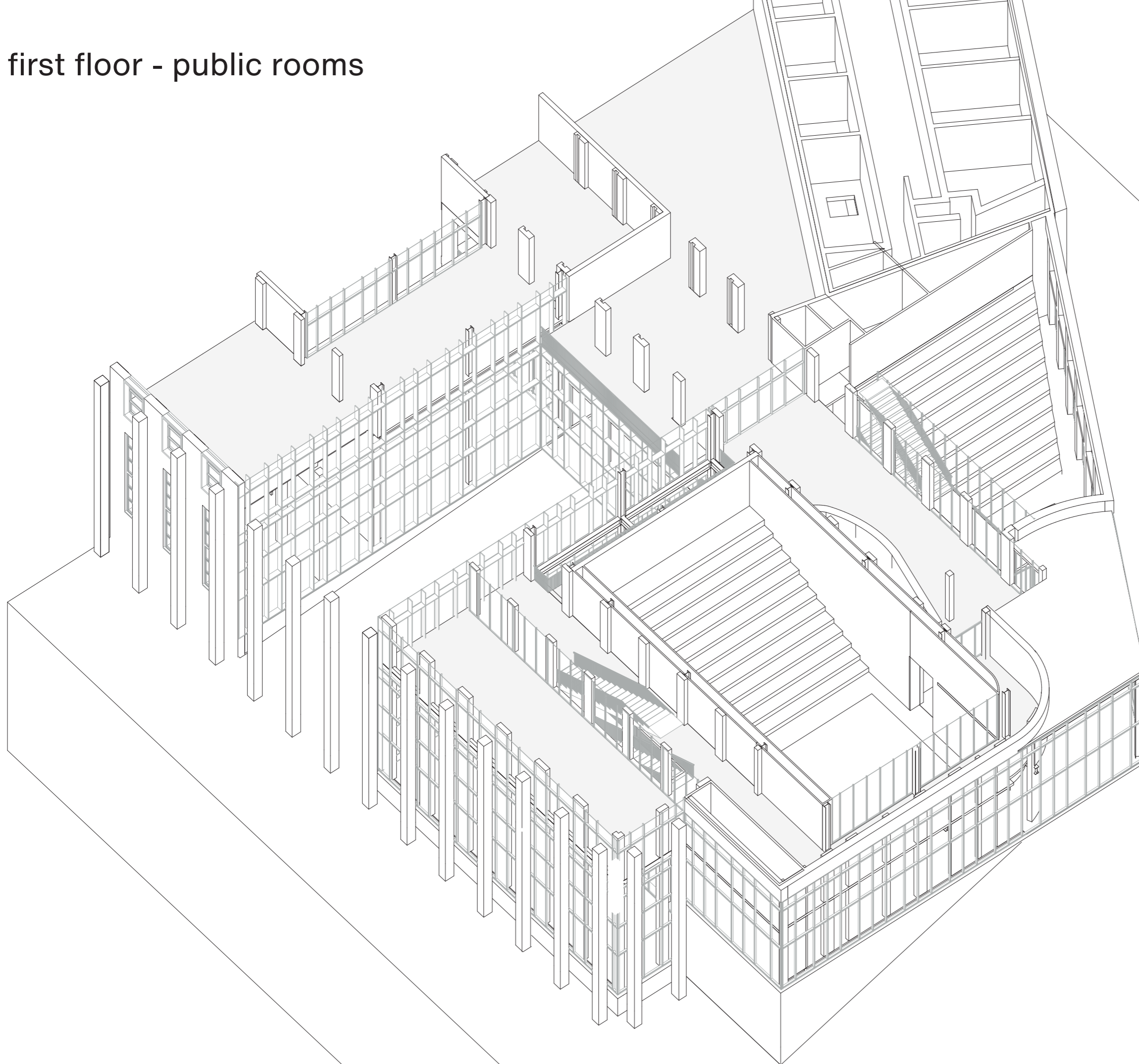
ground floor - the entry



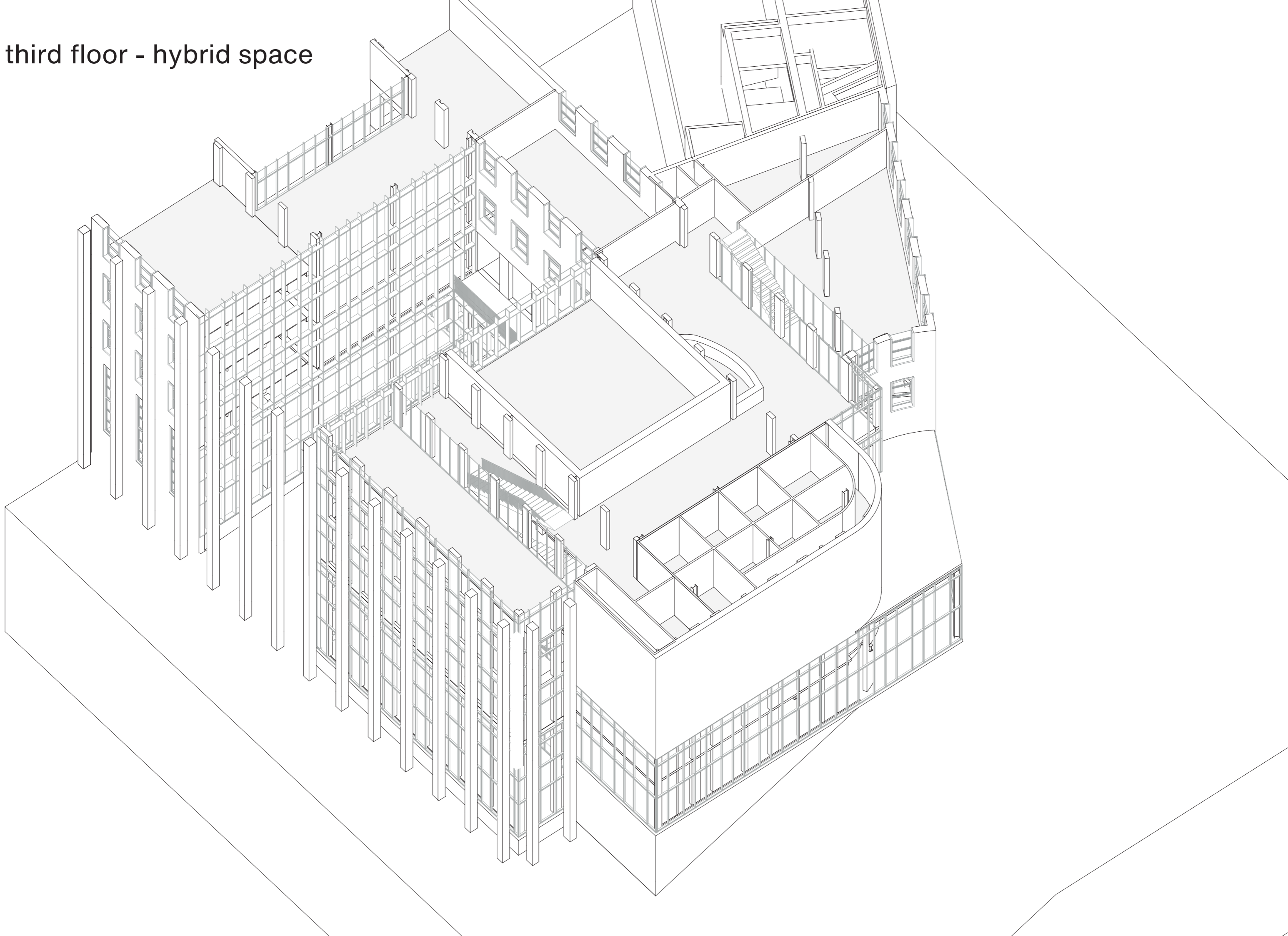
mezzanine floor - the theatres



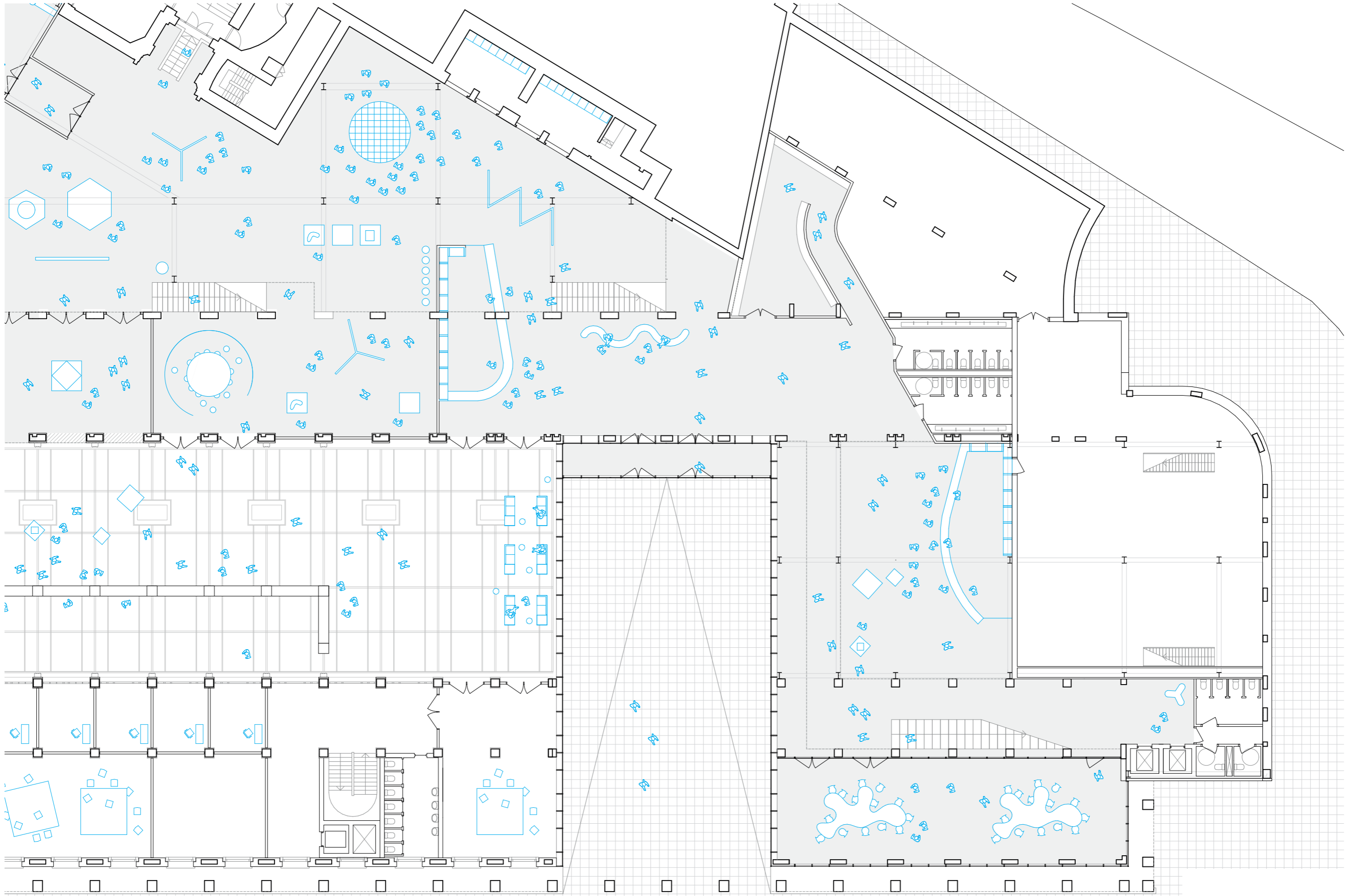
first floor - public rooms



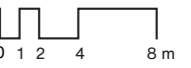
third floor - hybrid space



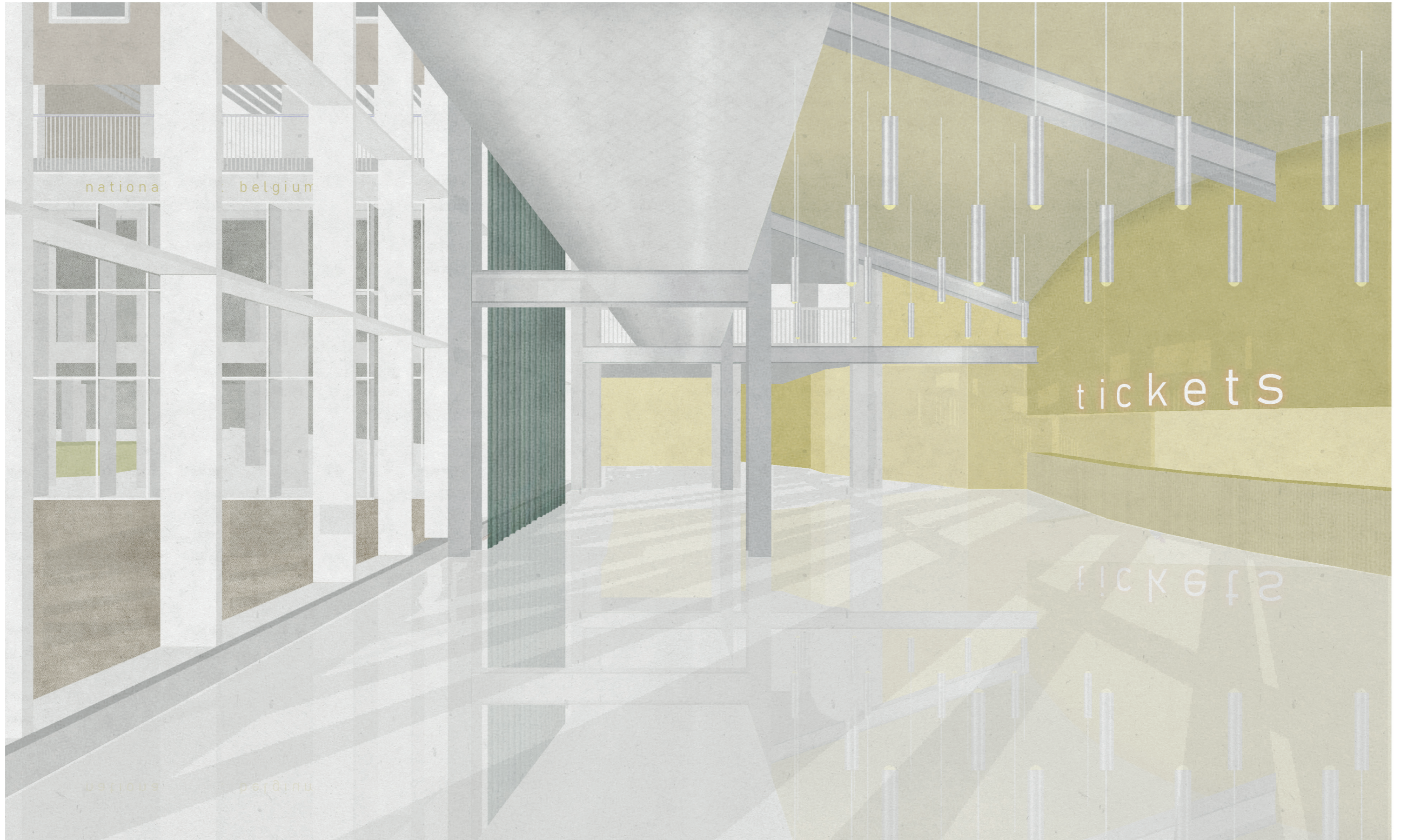
ground floor



Scale 1.250
National Bank
Belgium



ground floor - the lobby



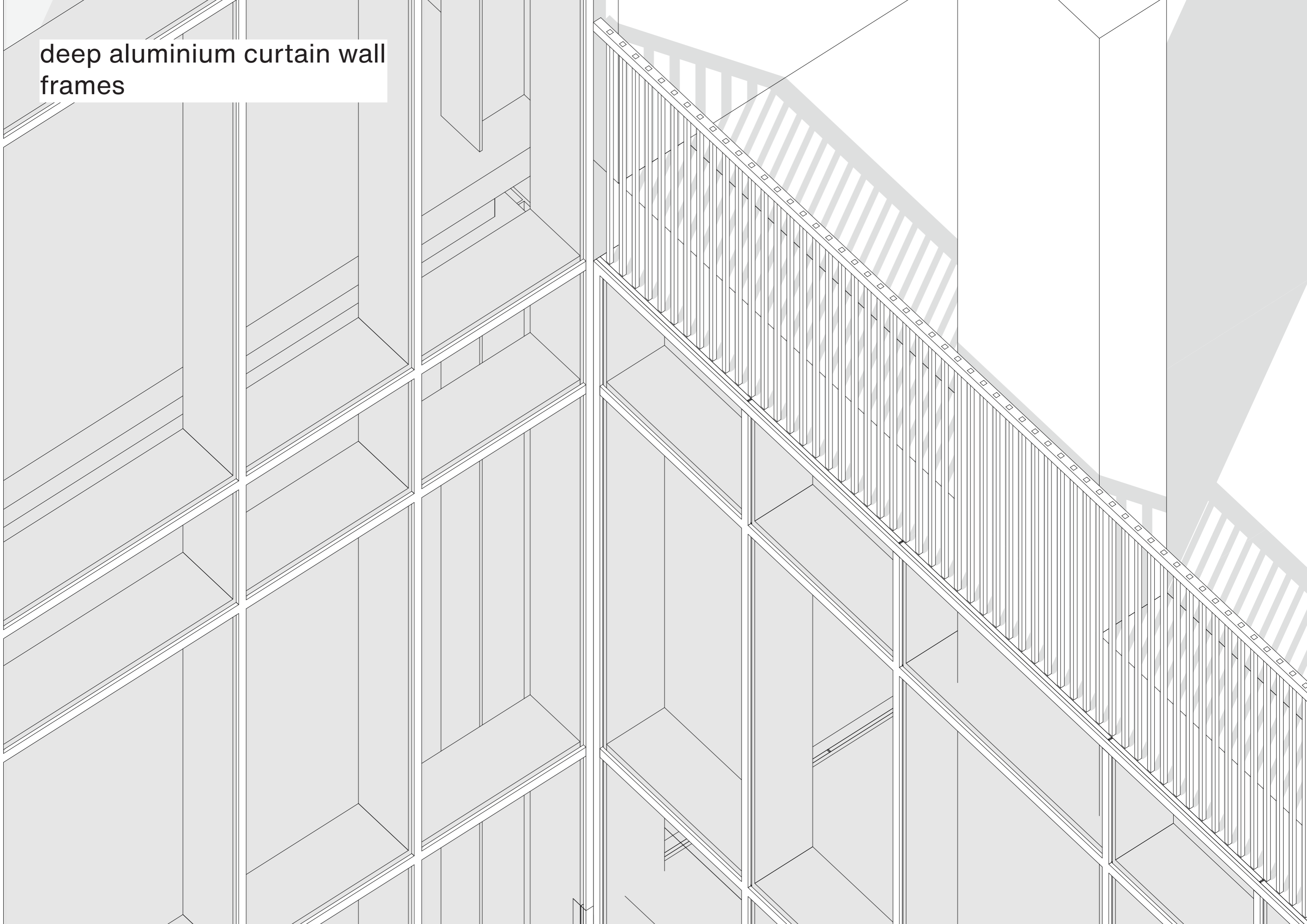
verticality and solidity



heavy versus light



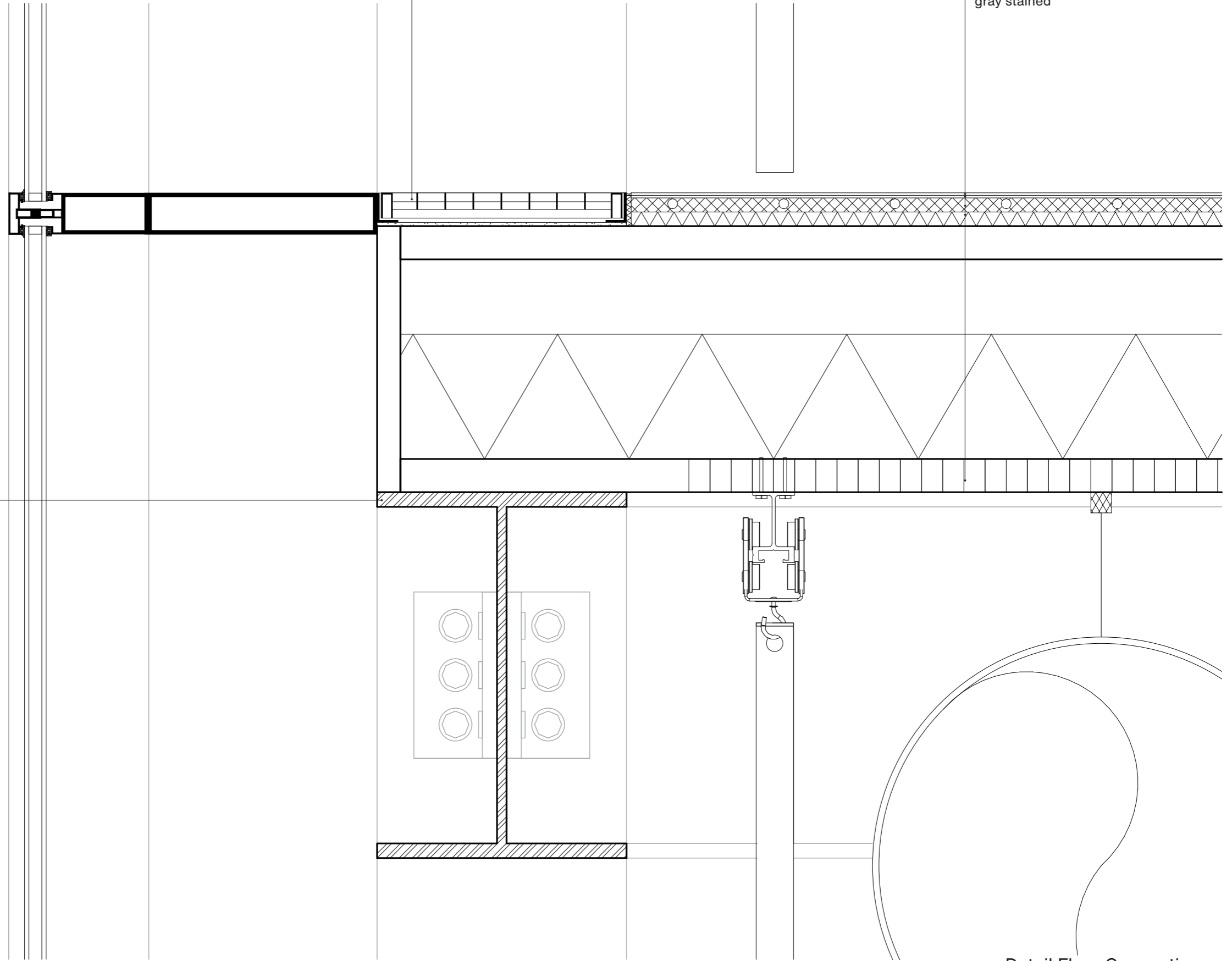
deep aluminium curtain wall frames



deep aluminium profile

Metal grating

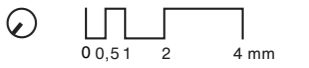
Marmoleum floor
Smear layer
Fermacell sheet with inlaid floor heating
Acoustic insulation
Perforated Lignatur floorelement with acoustic infill,
gray stained



Steel beam HEA450, loadbearing structure

Detail Floor Connection

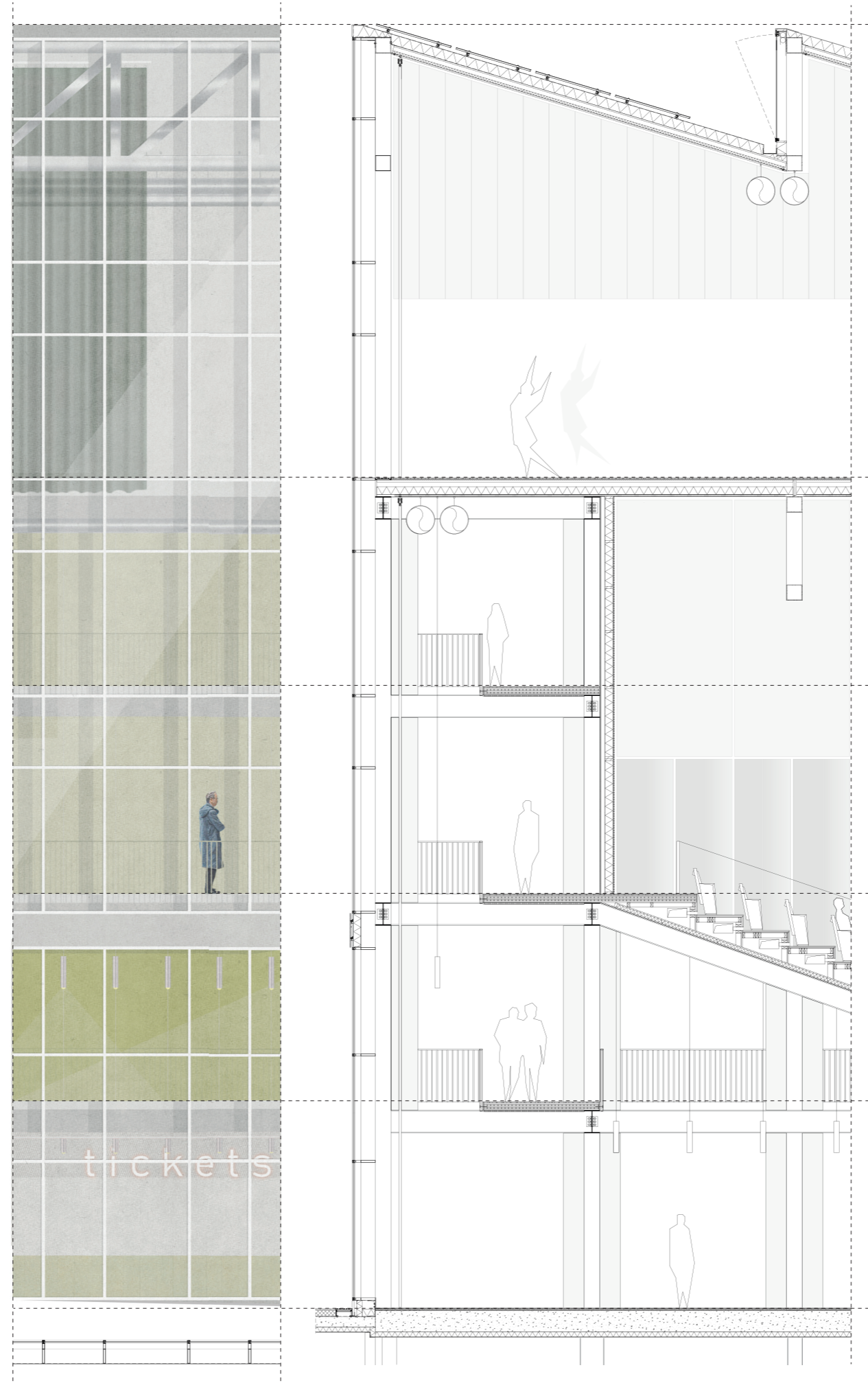
Scale 1:5
National Bank Belgium
Brussels



ground floor - the lobby



transparants and solids



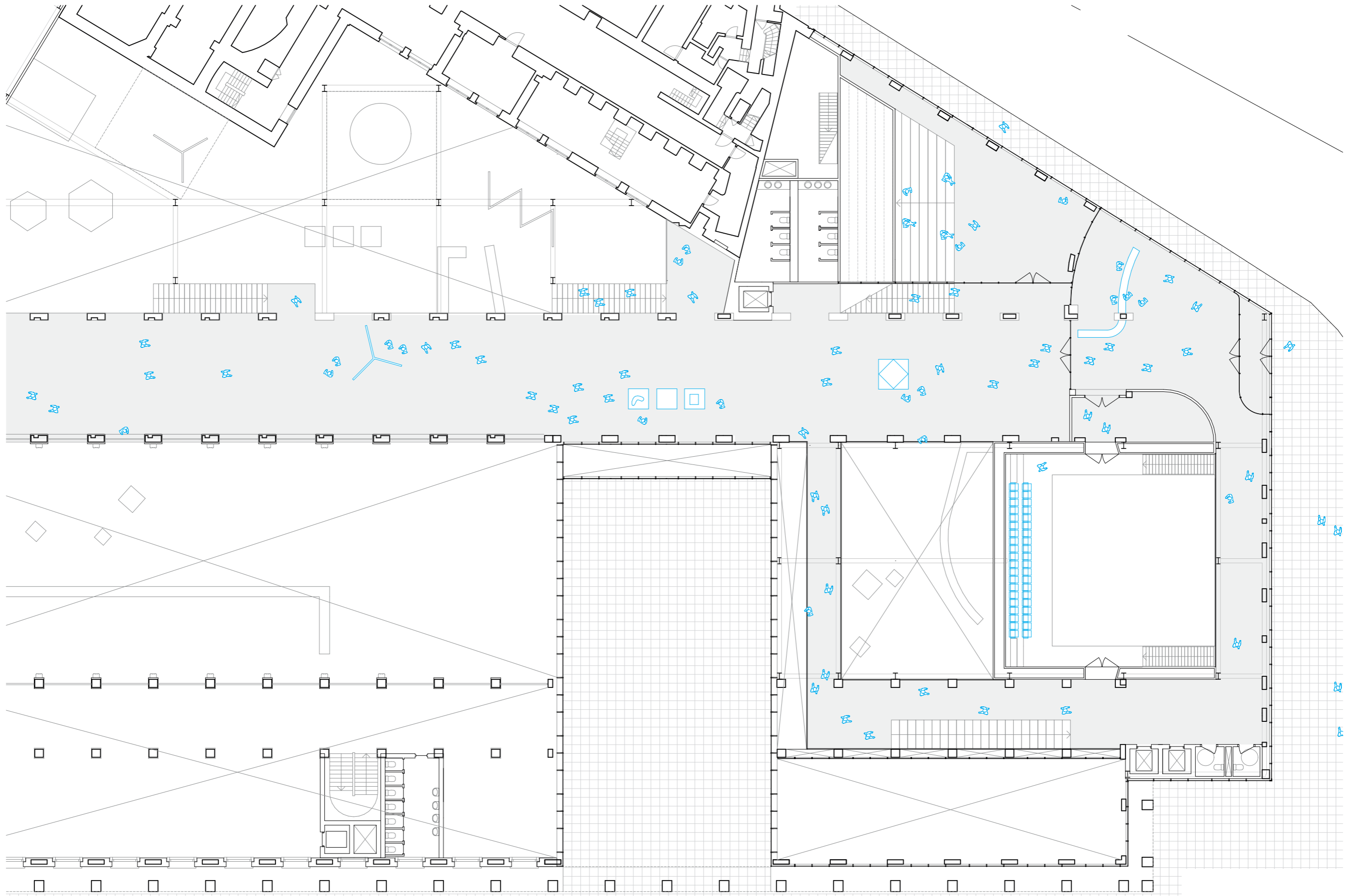
ground floor - a public room



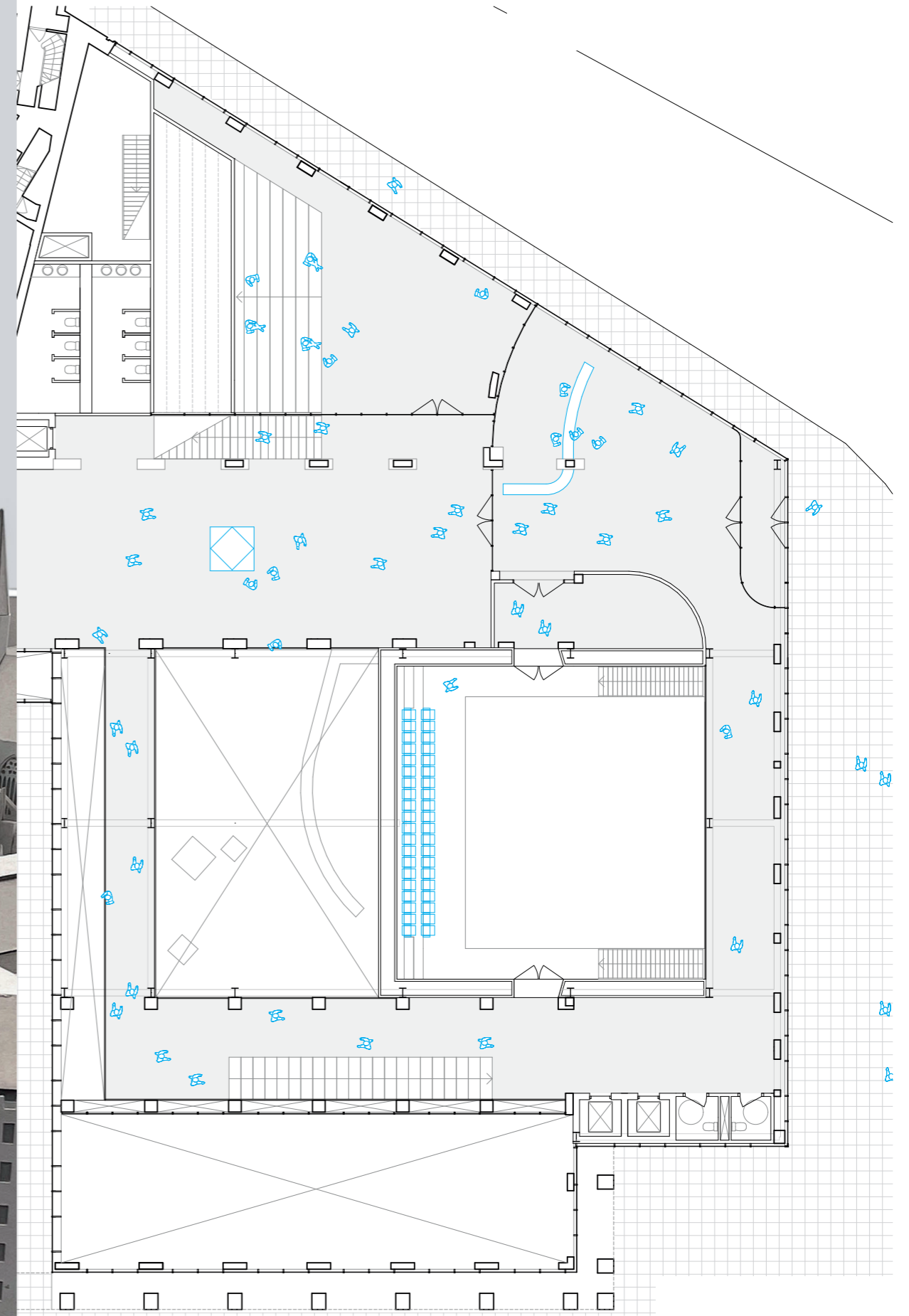
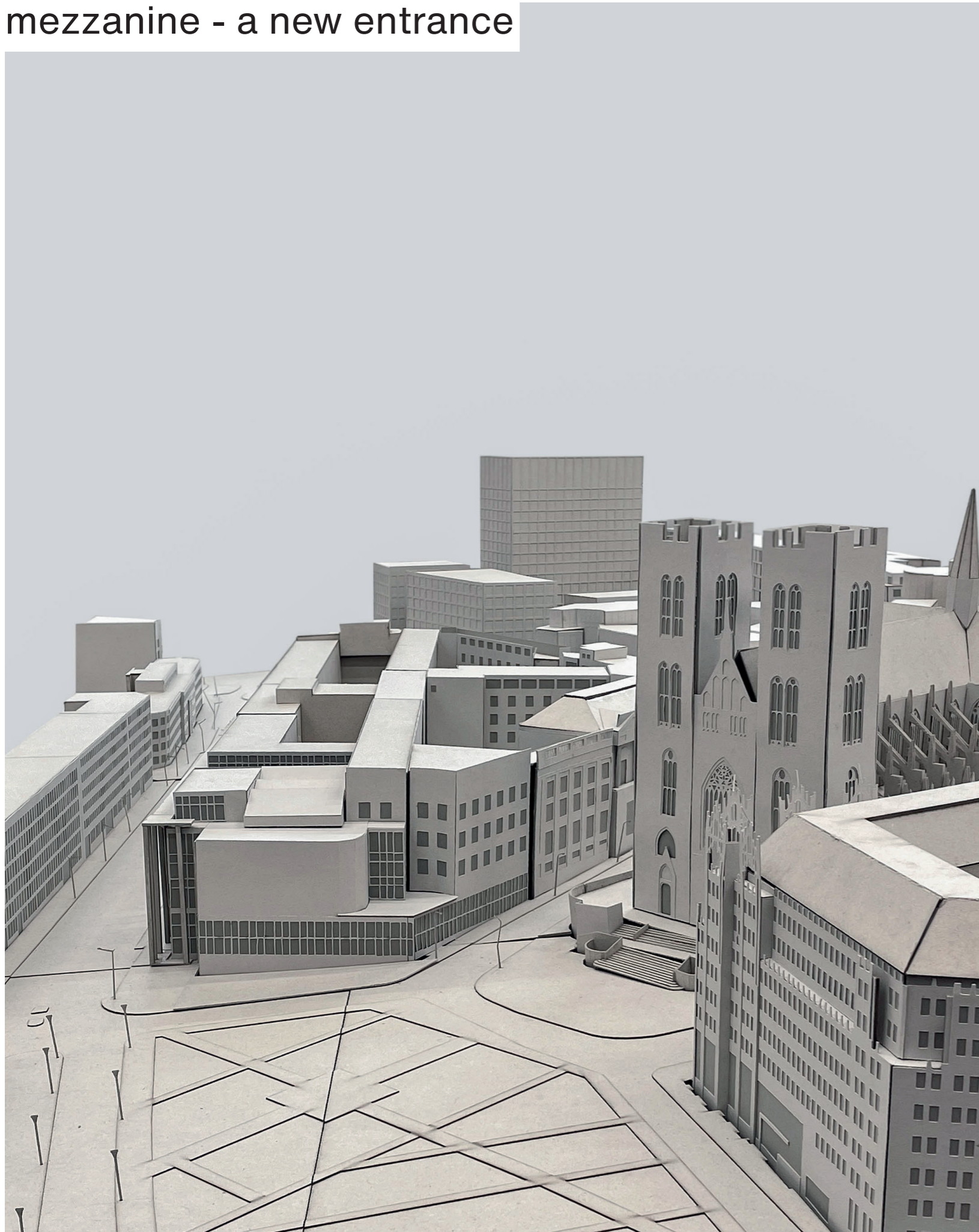
ground floor - a public room



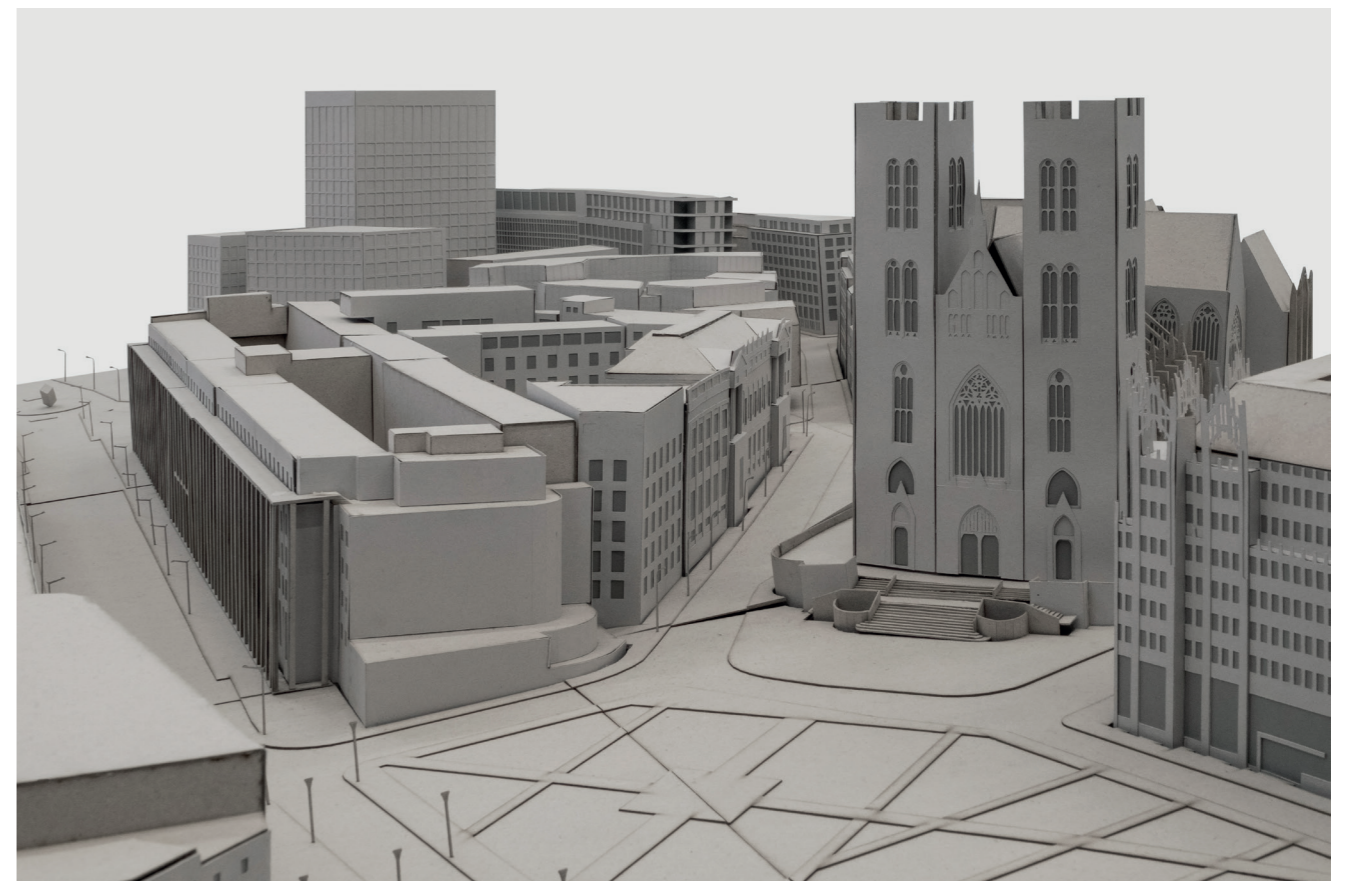
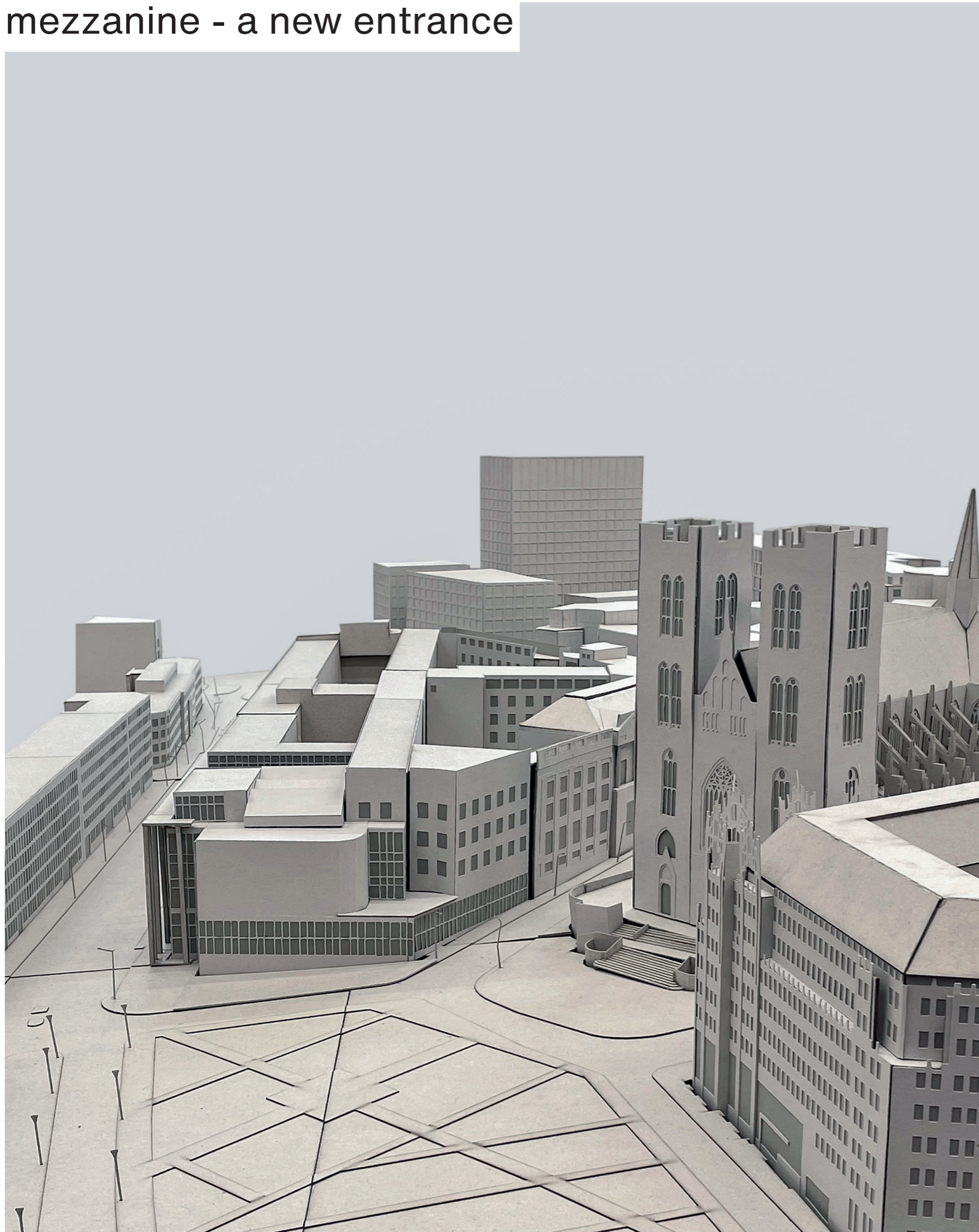
mezzanine +01



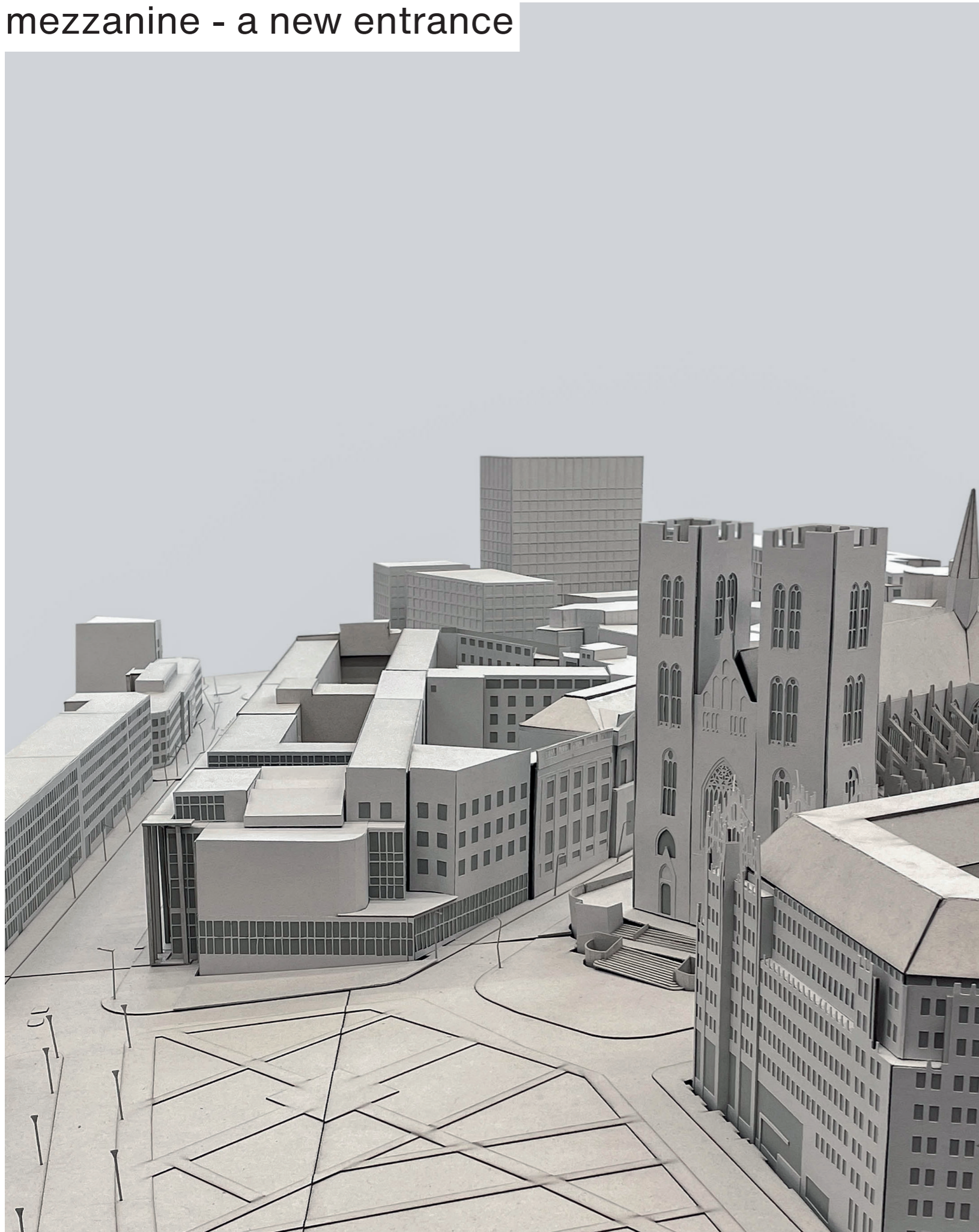
mezzanine - a new entrance



mezzanine - a new entrance



mezzanine - a new entrance



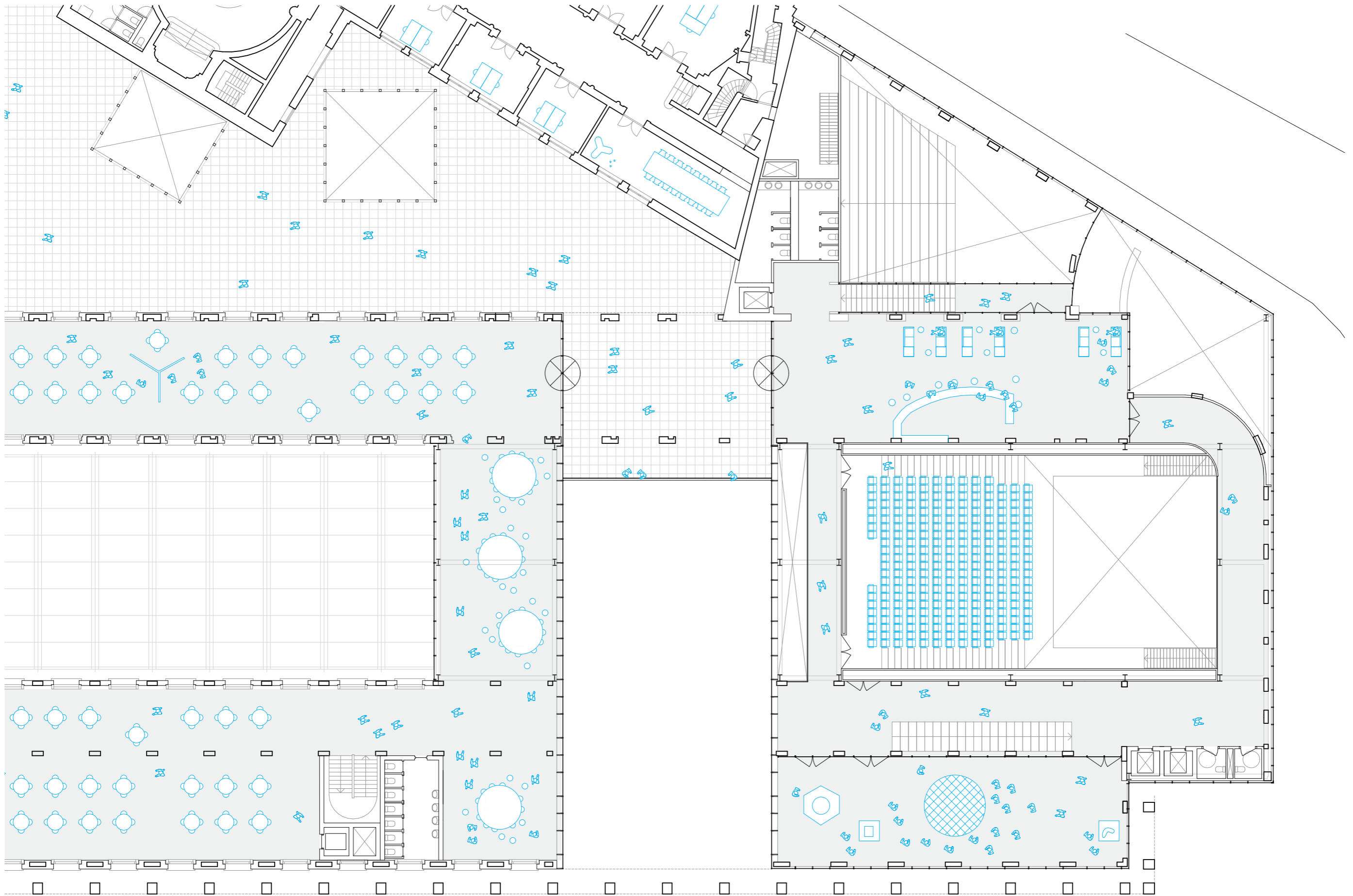
mezzanine - a new entrance



mezzanine - a new entrance



first floor +1



Scale 1:250
National Bank
Belgium



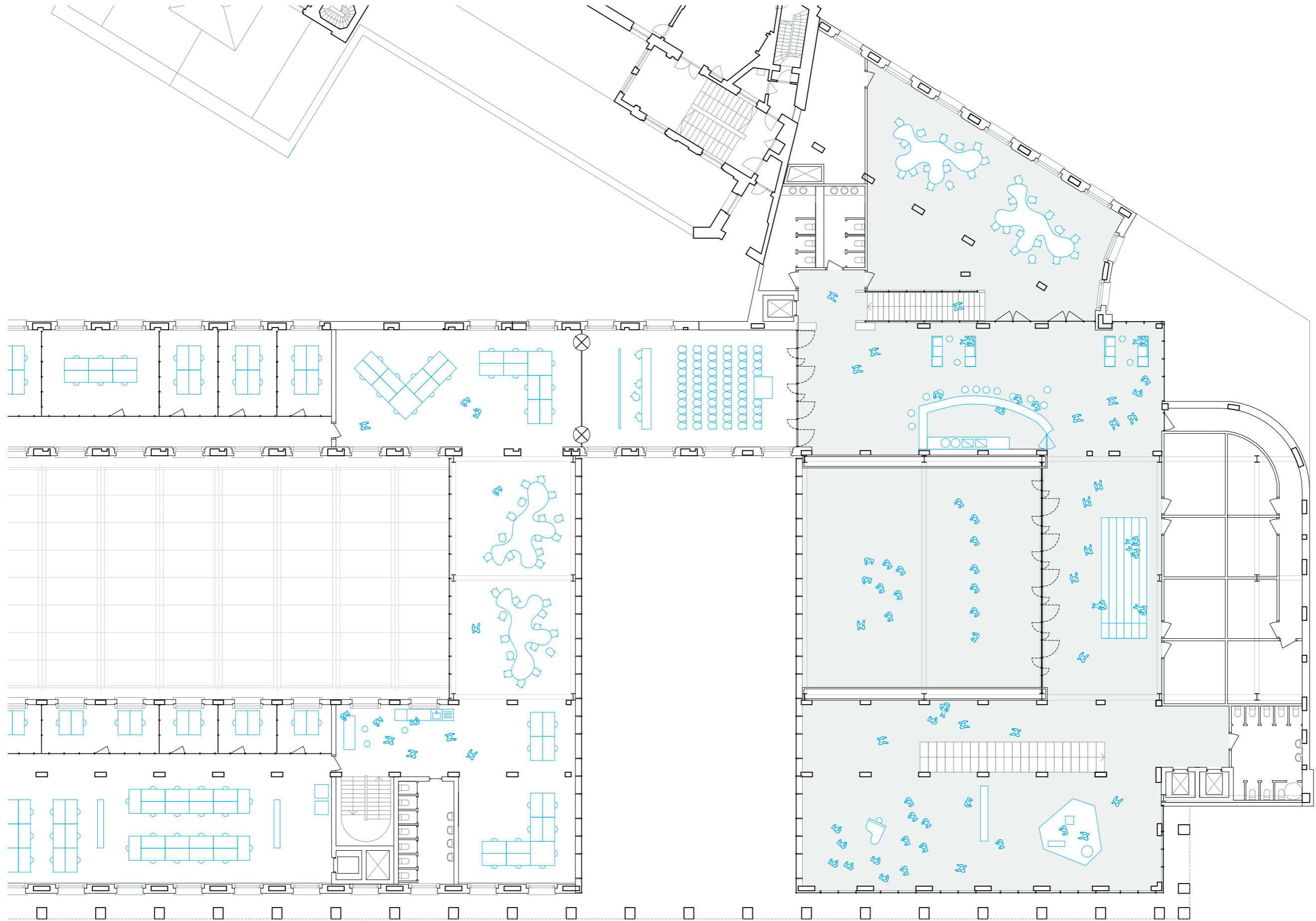
first floor - the theatre



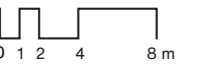
first floor - the theatre



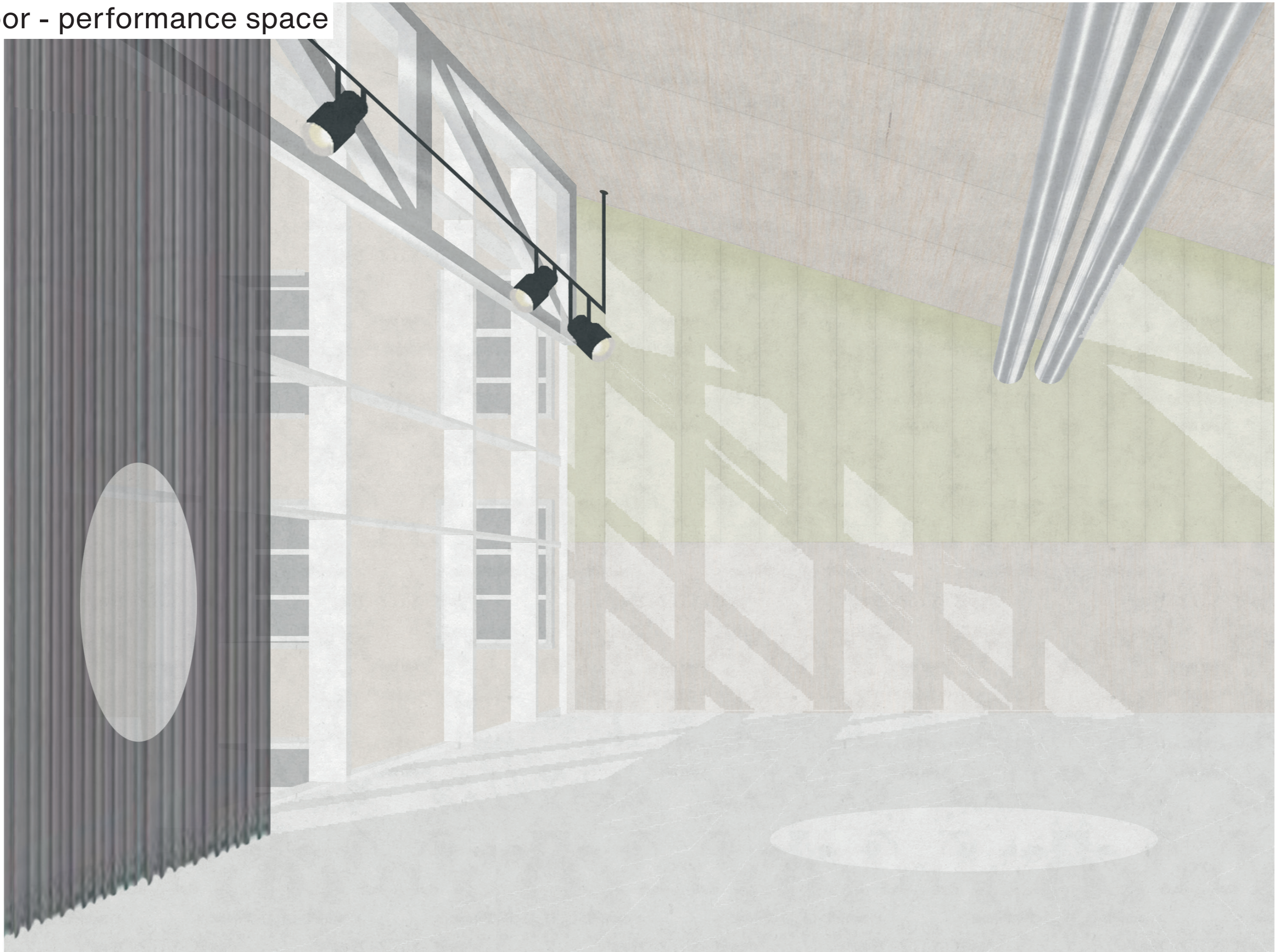
third floor +3



Scale 1.250
National Bank
Belgium



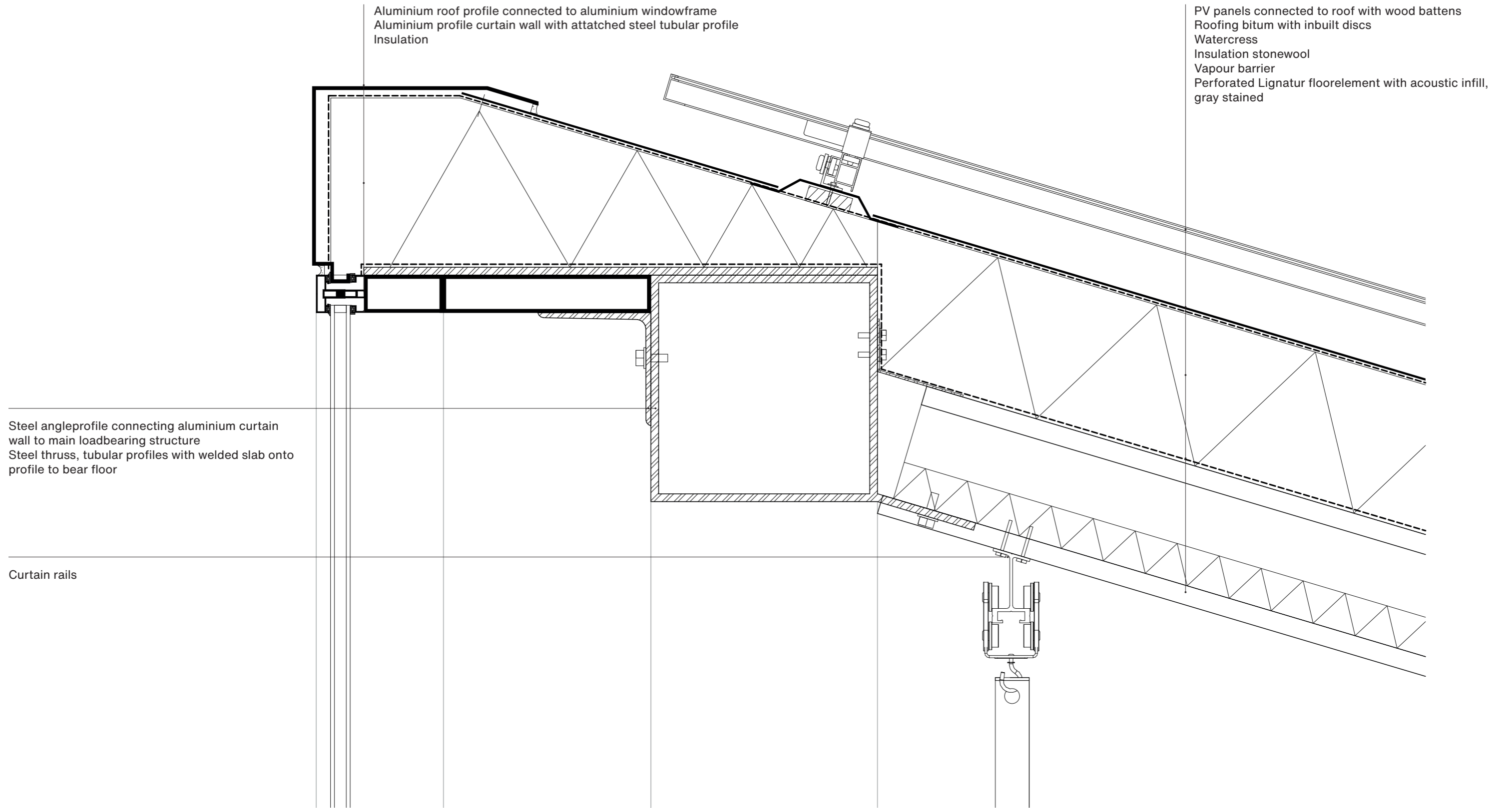
third floor - performance space



third floor - performance space

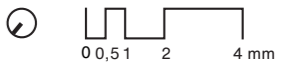


construction

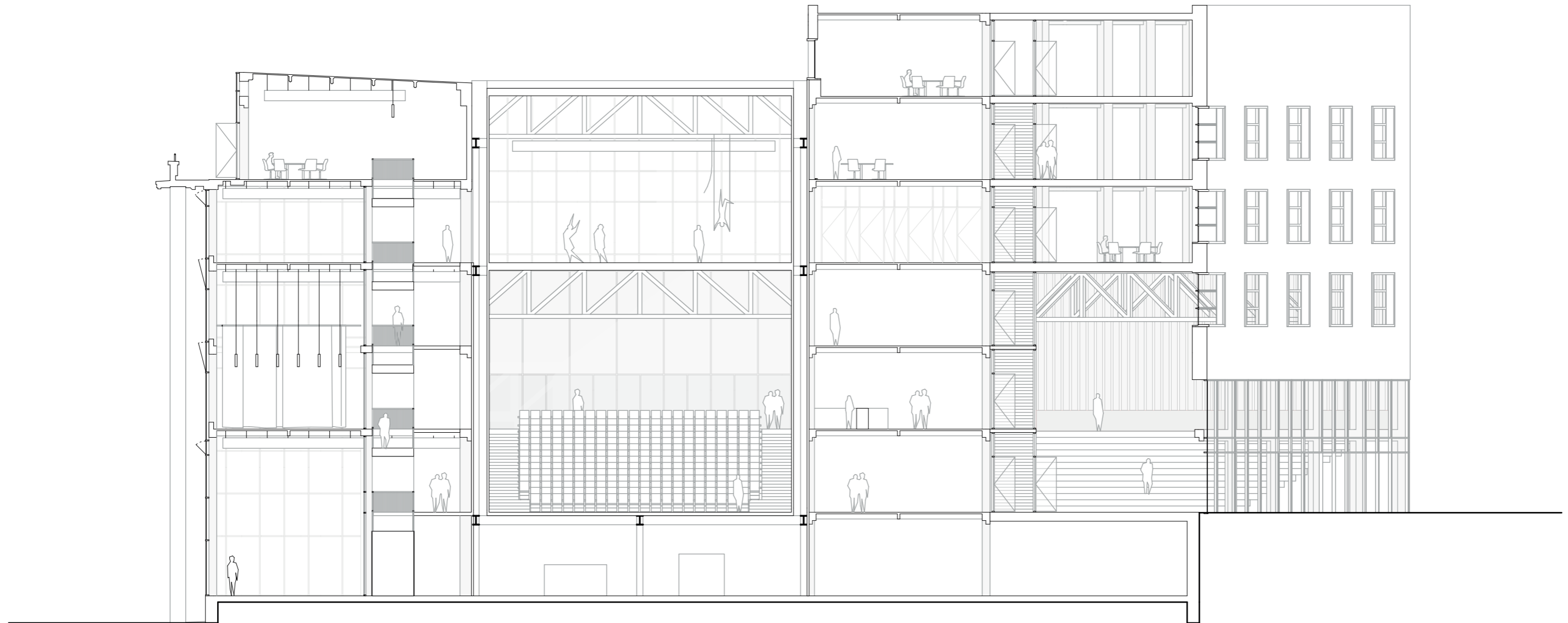


Detail Roof Connection

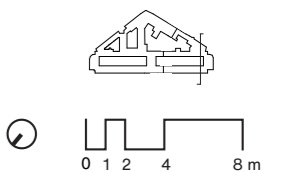
Scale 1:5
National Bank Belgium
Brussels



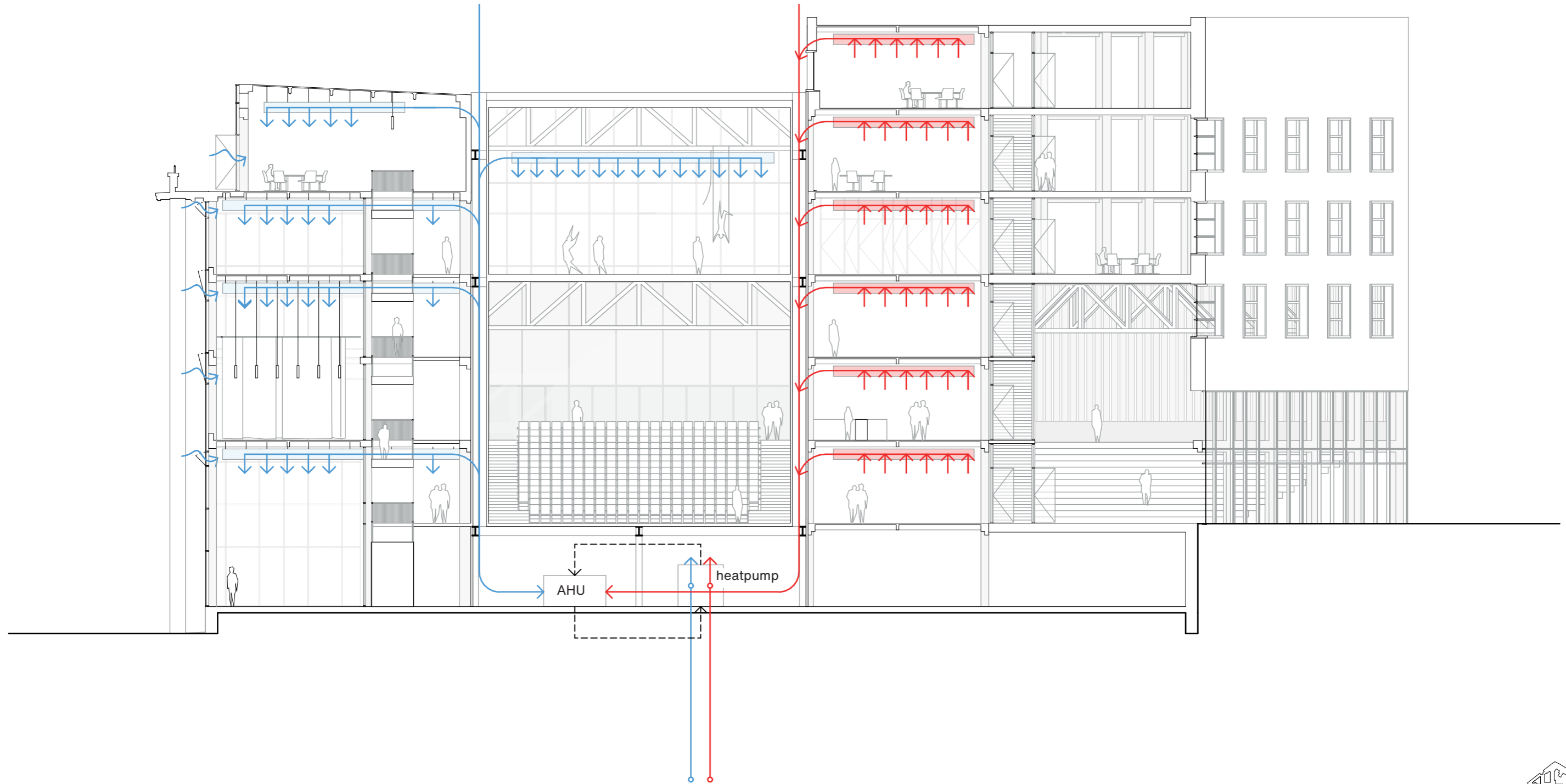
section xx



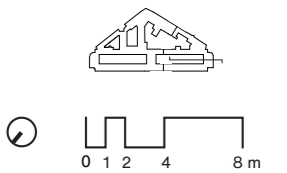
Scale 1.250
National Bank Belgium
Brussels



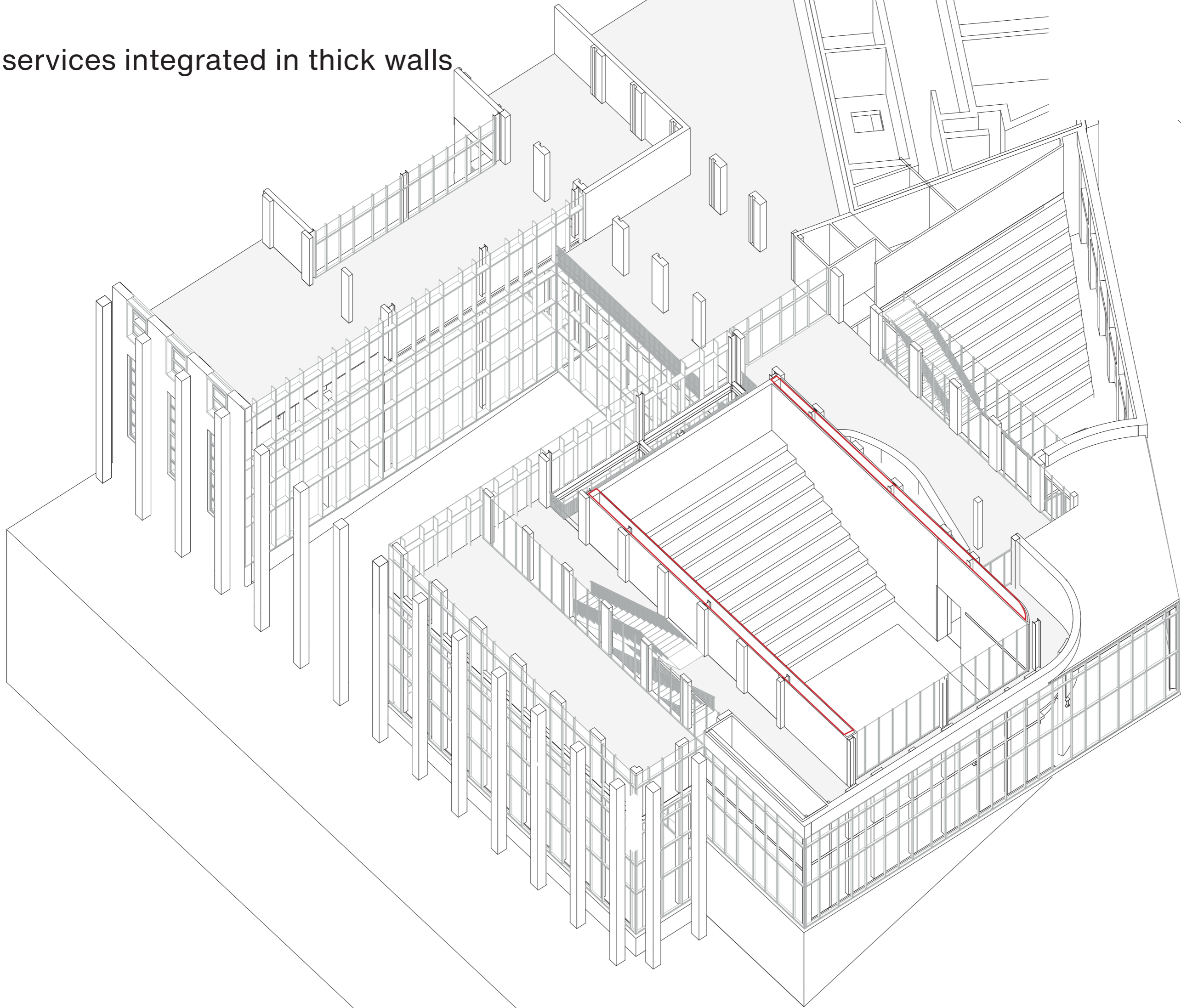
section xx - climate



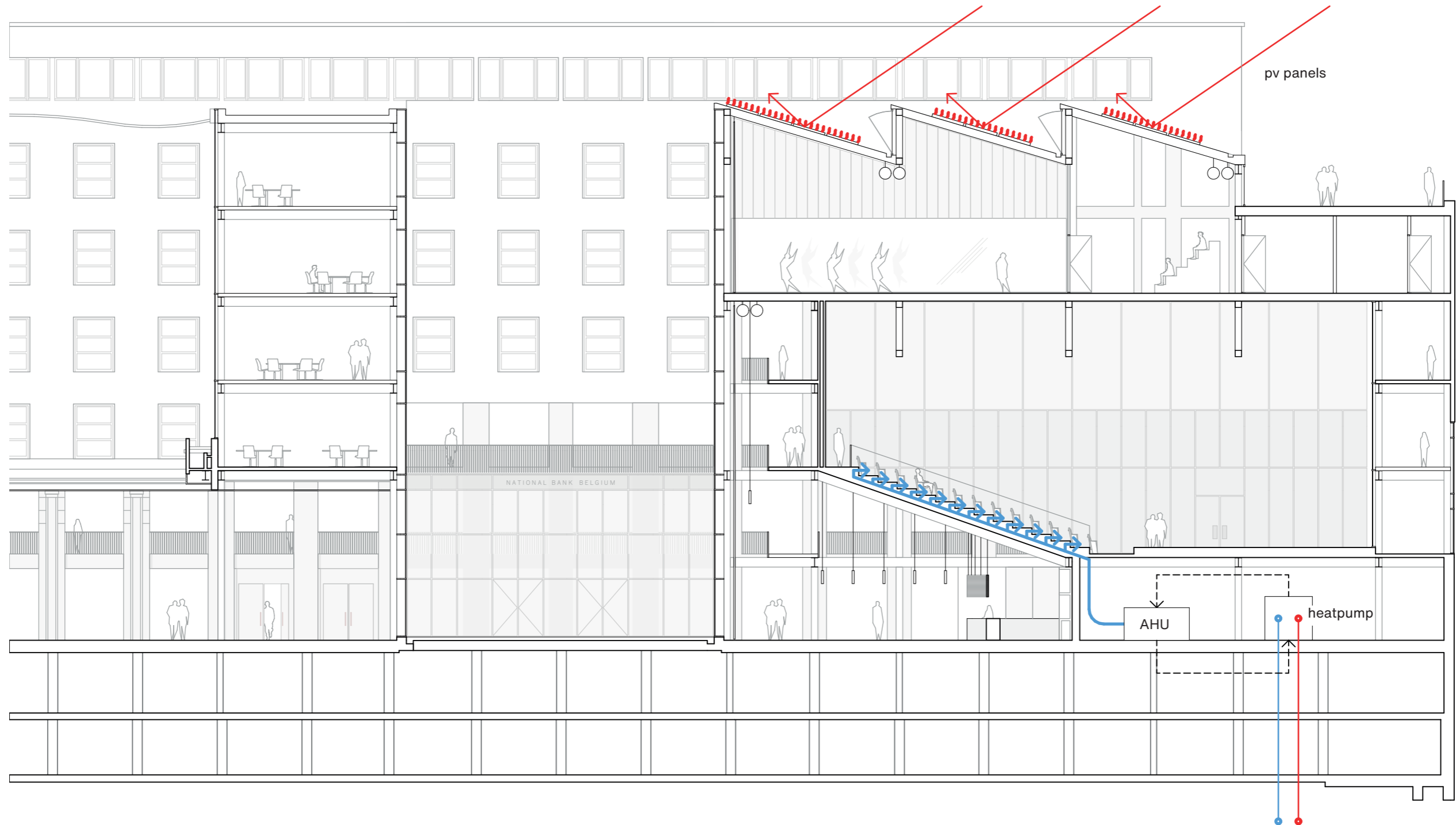
Scale 1.250
National Bank Belgium
Brussels



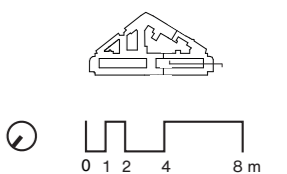
services integrated in thick walls



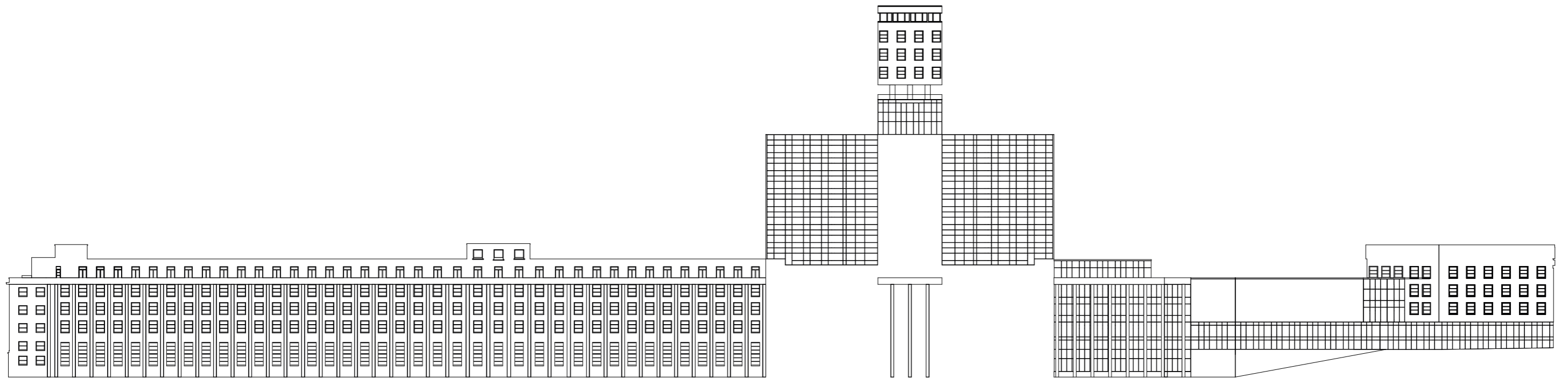
section yy - climate



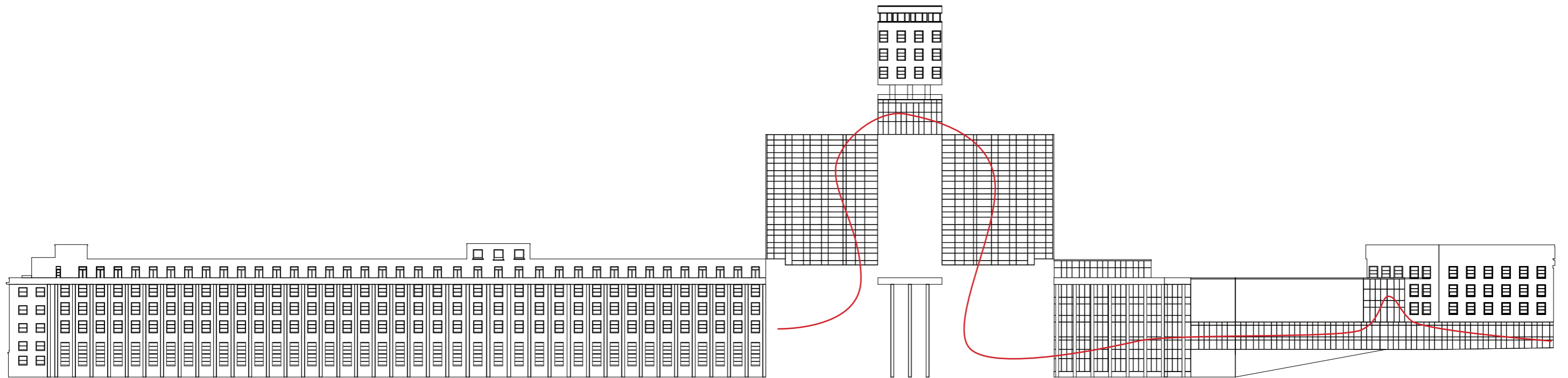
Scale 1.250
National Bank Belgium
Brussels



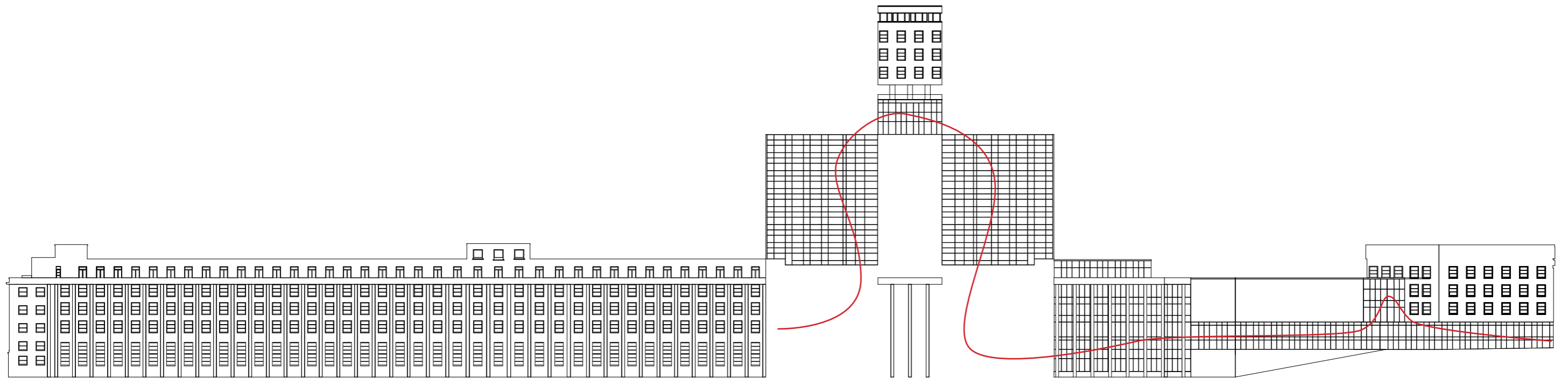
the ribbon: the stitching together of the facades through curtain wall



the ribbon: the stitching together of the facades through curtain wall



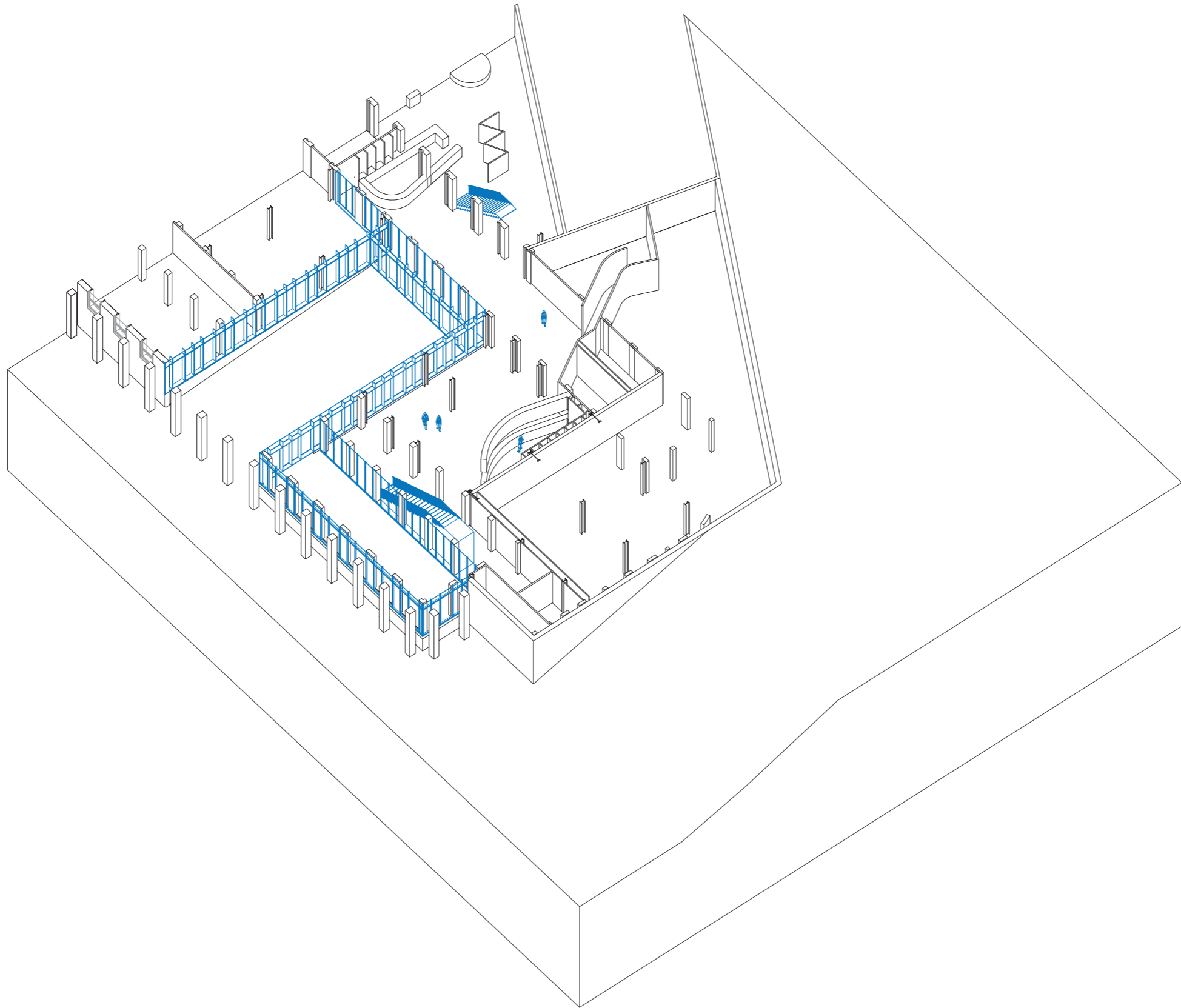
the ribbon: the stitching together of the facades through curtain wall



permeability

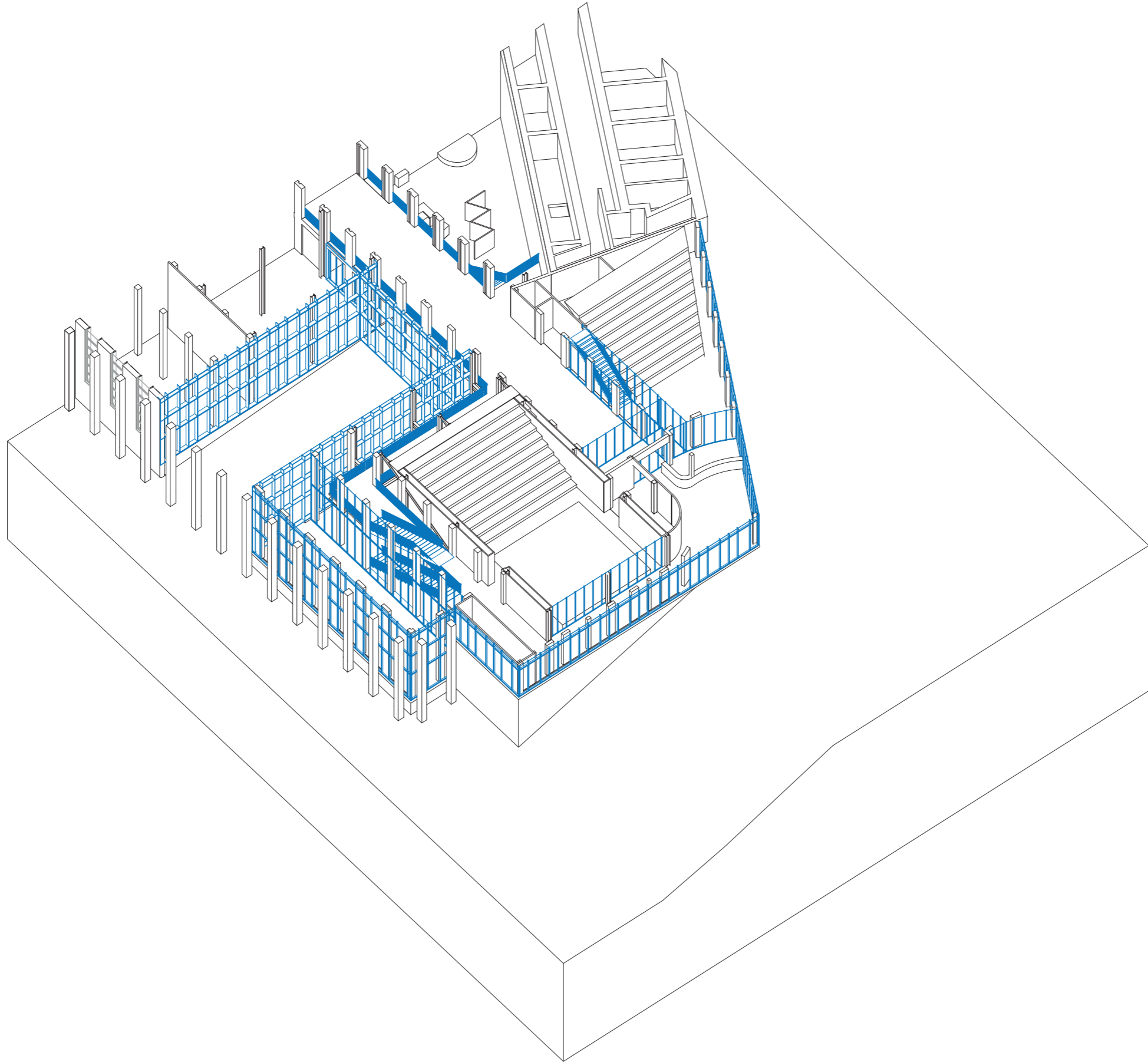
the ribbon

stitching together the ensemble of buildings



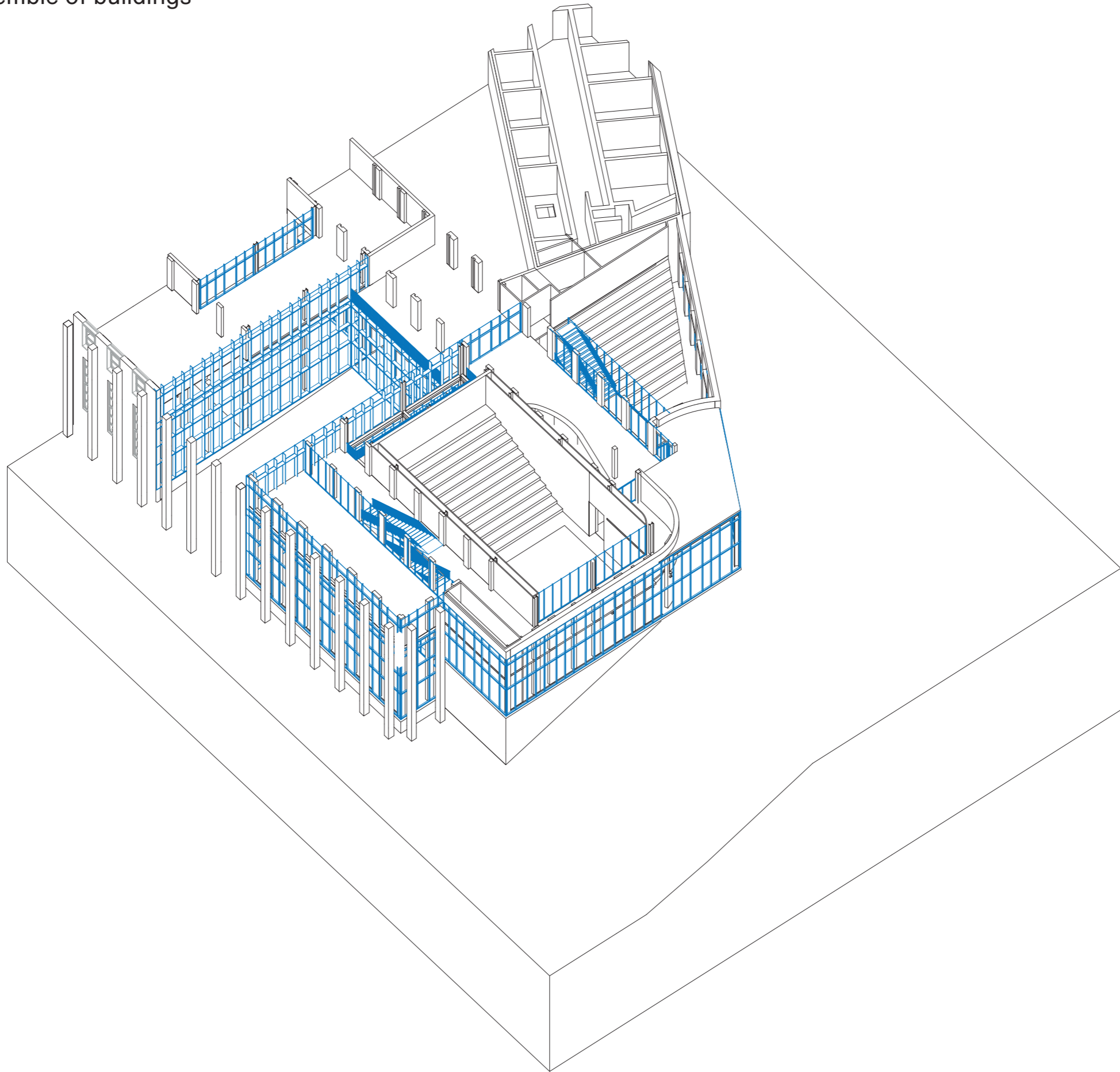
the ribbon

stitching together the ensemble of buildings



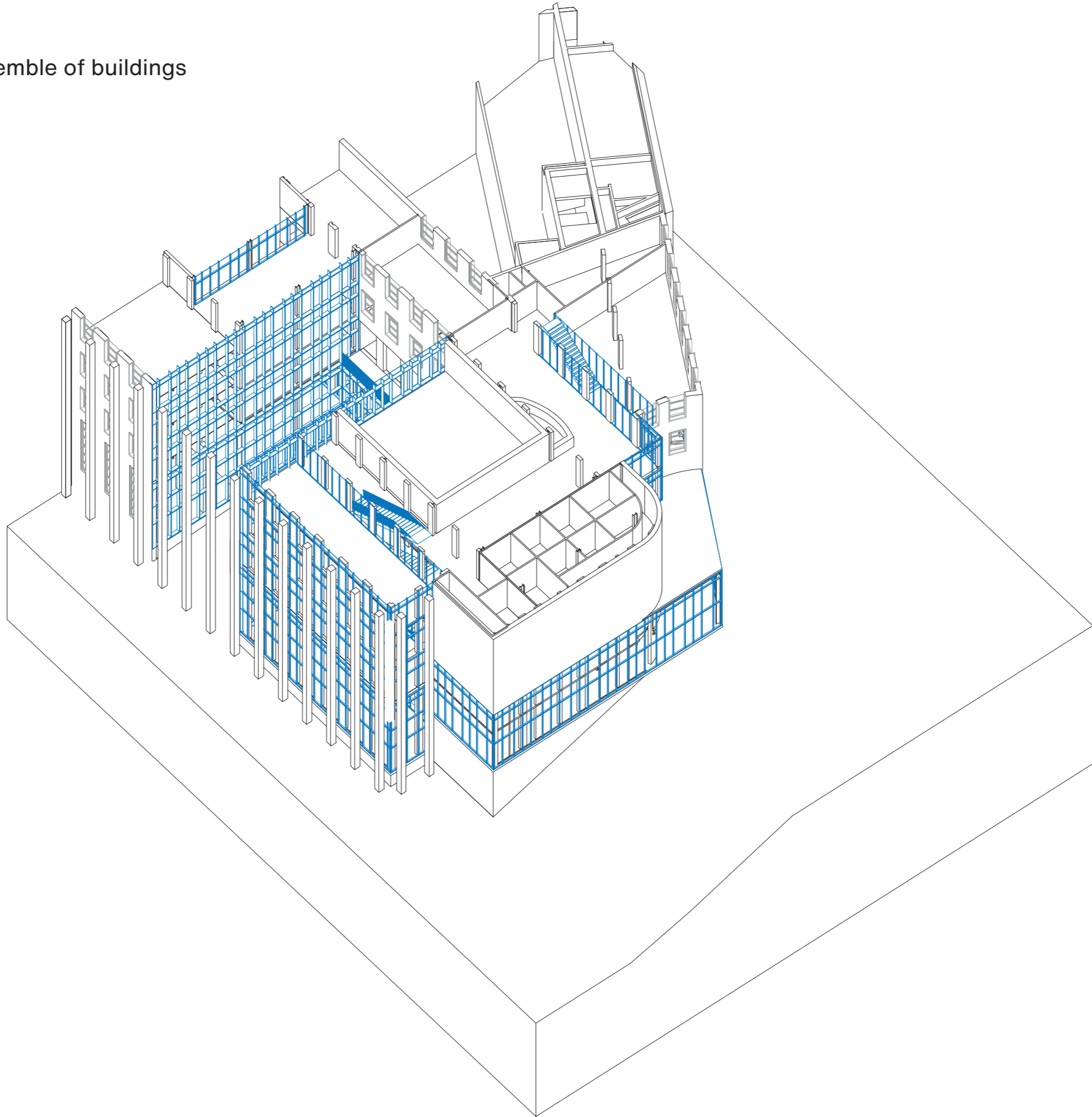
the ribbon

stitching together the ensemble of buildings



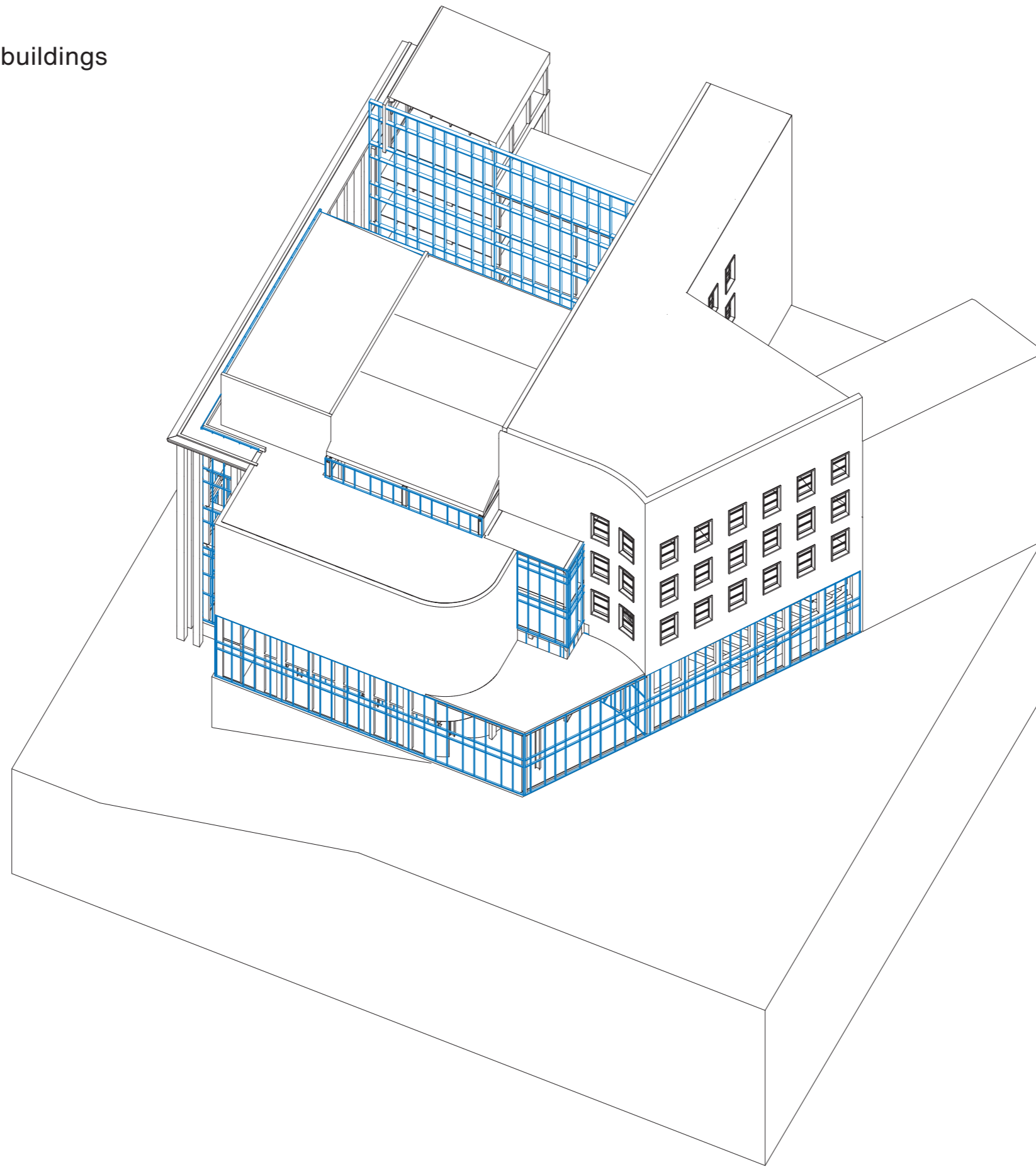
the ribbon

stitching together the ensemble of buildings

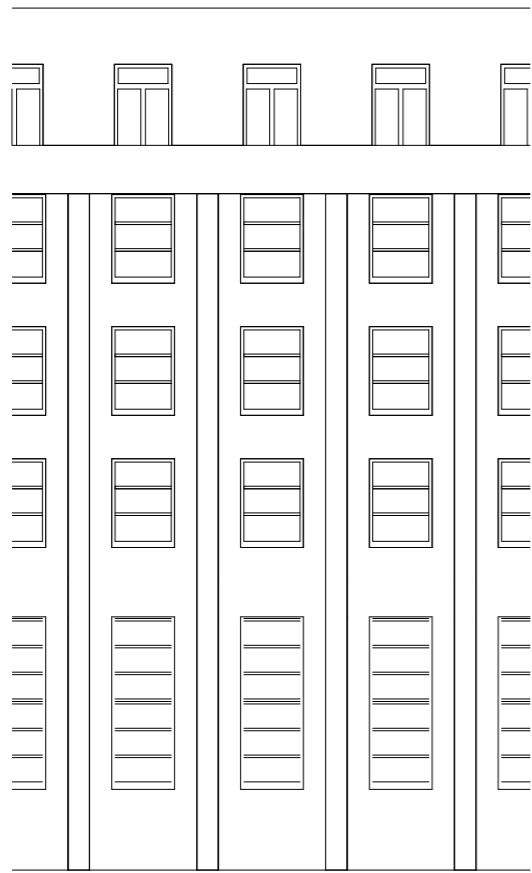


the ribbon

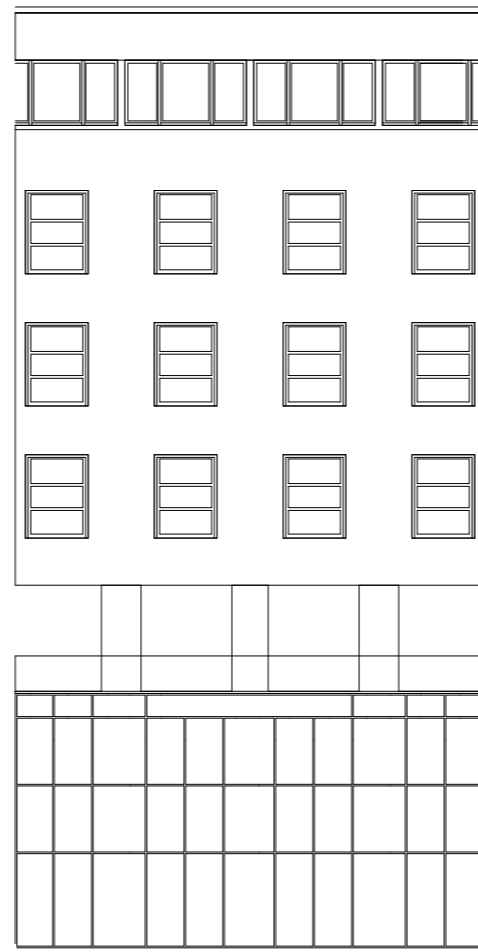
stitching together the ensemble of buildings



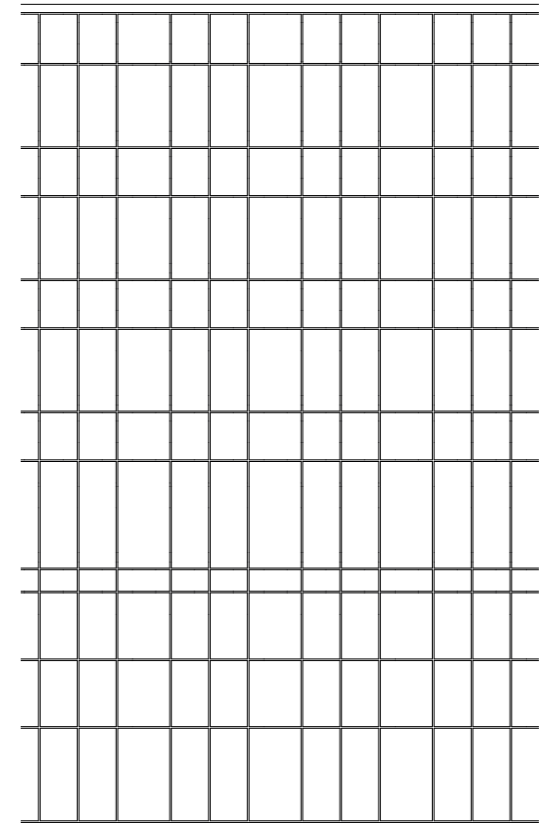
three types of facades



existing

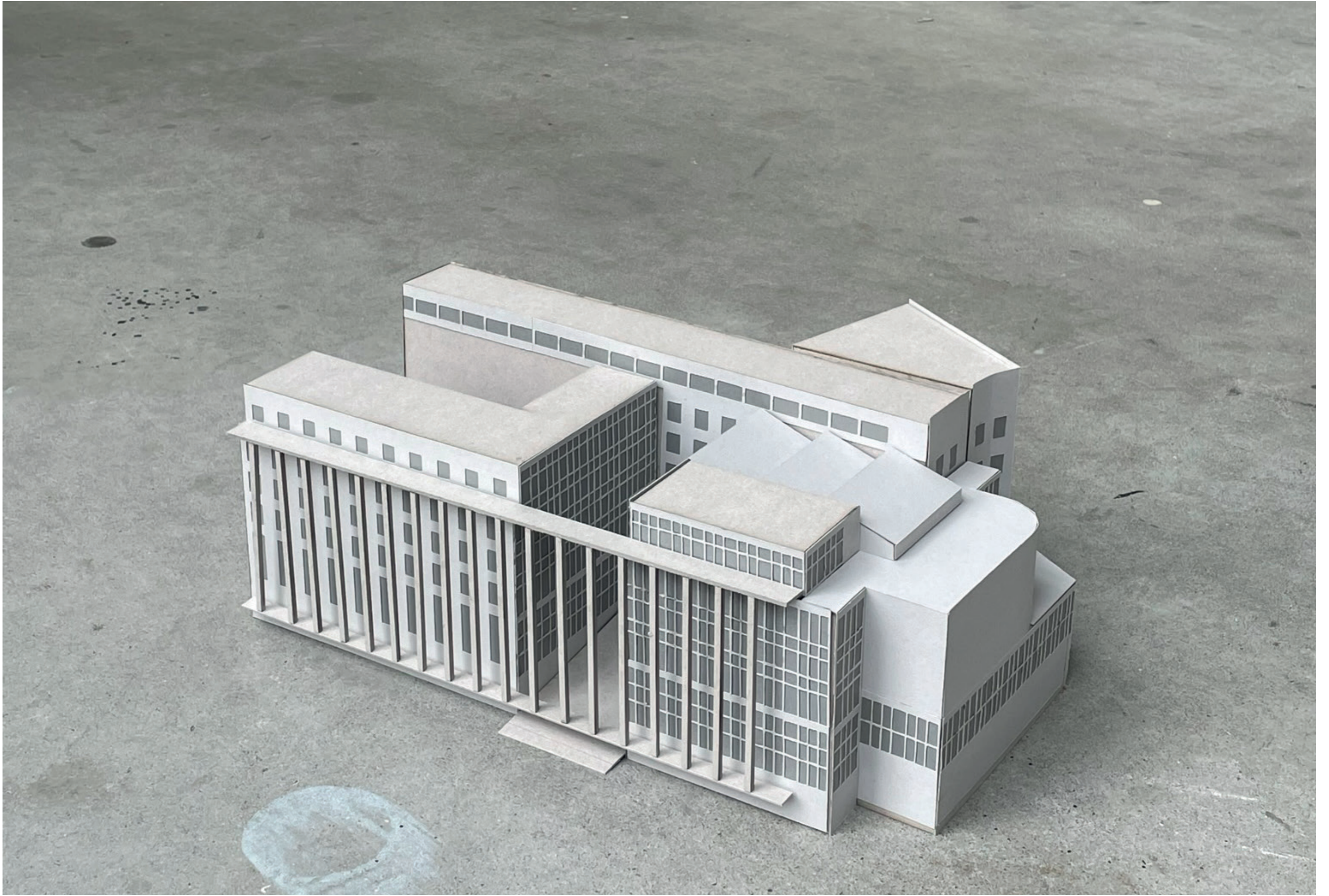


disassembled

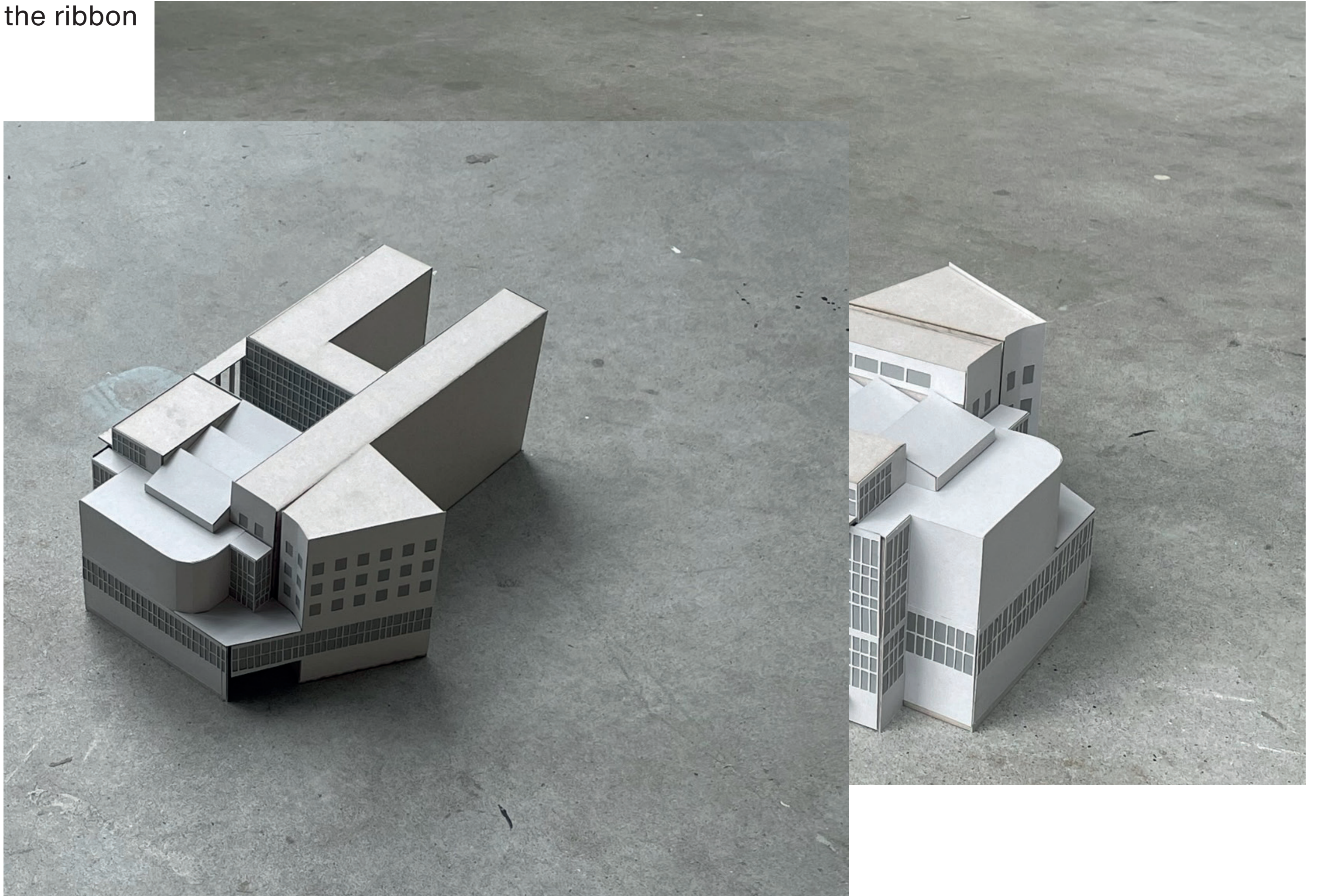


new

the ribbon



the ribbon



the new face in the city



the new face in the city



questions?

