

a collection of drawings
the future bank: a new face in the city

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Msc3/4 Interiors Buildings Cities
TU Delft

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Daniel Rosbottom
Mark Pimlott
Susanne Pietsch



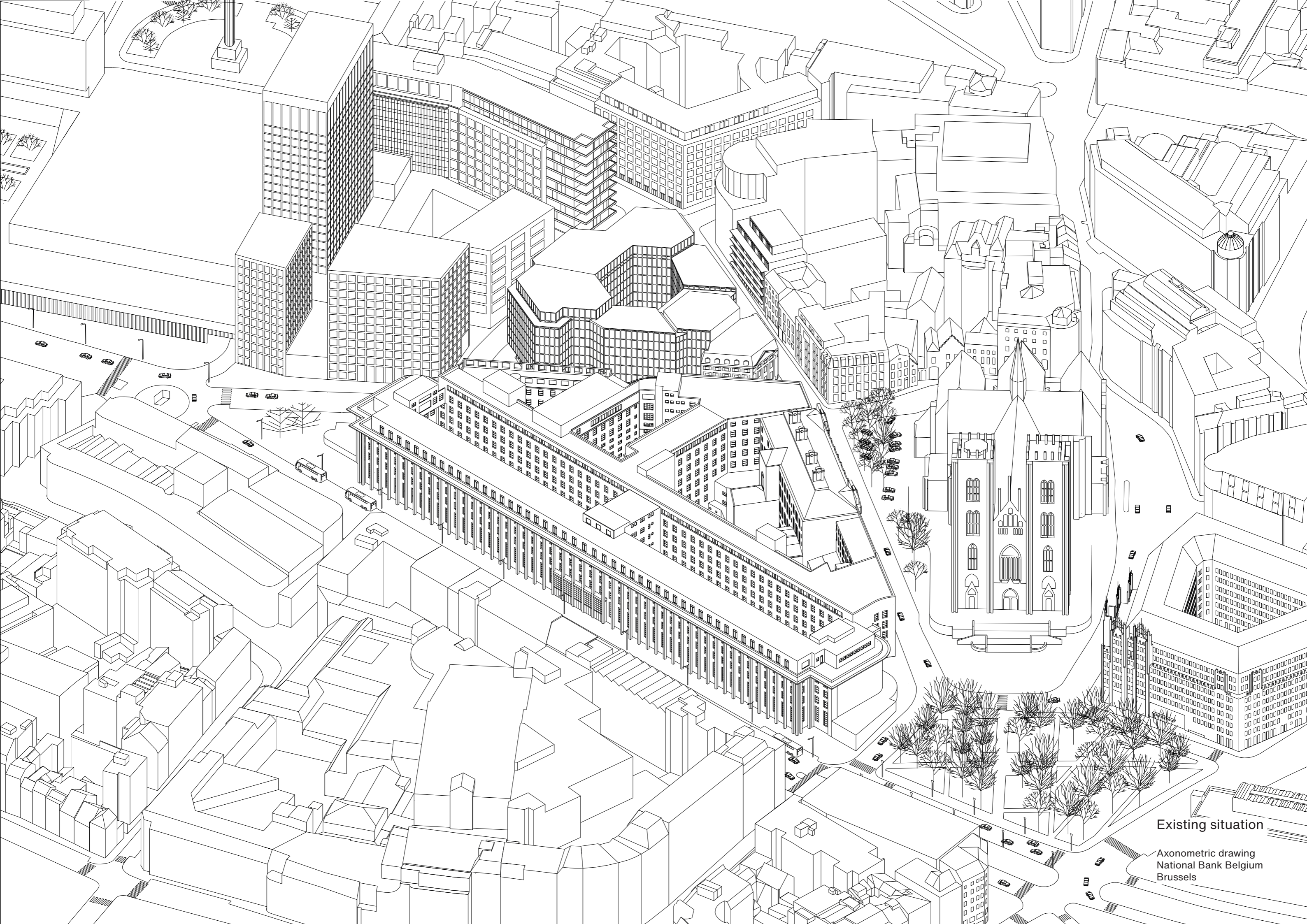
financial
district

political
district

cultural
district

Urban Situation

Reinfiguration within the city fabric
National Bank Belgium
Brussels



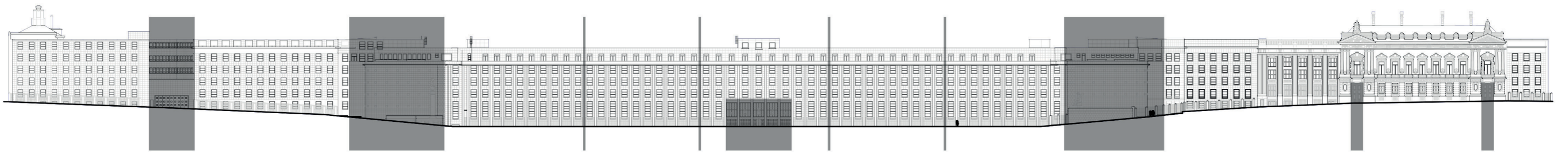
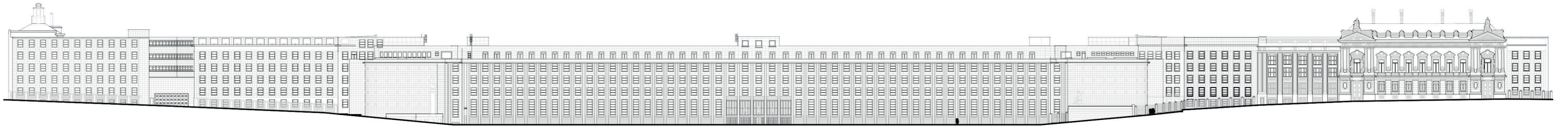
Existing situation

Axonometric drawing
National Bank Belgium
Brussels



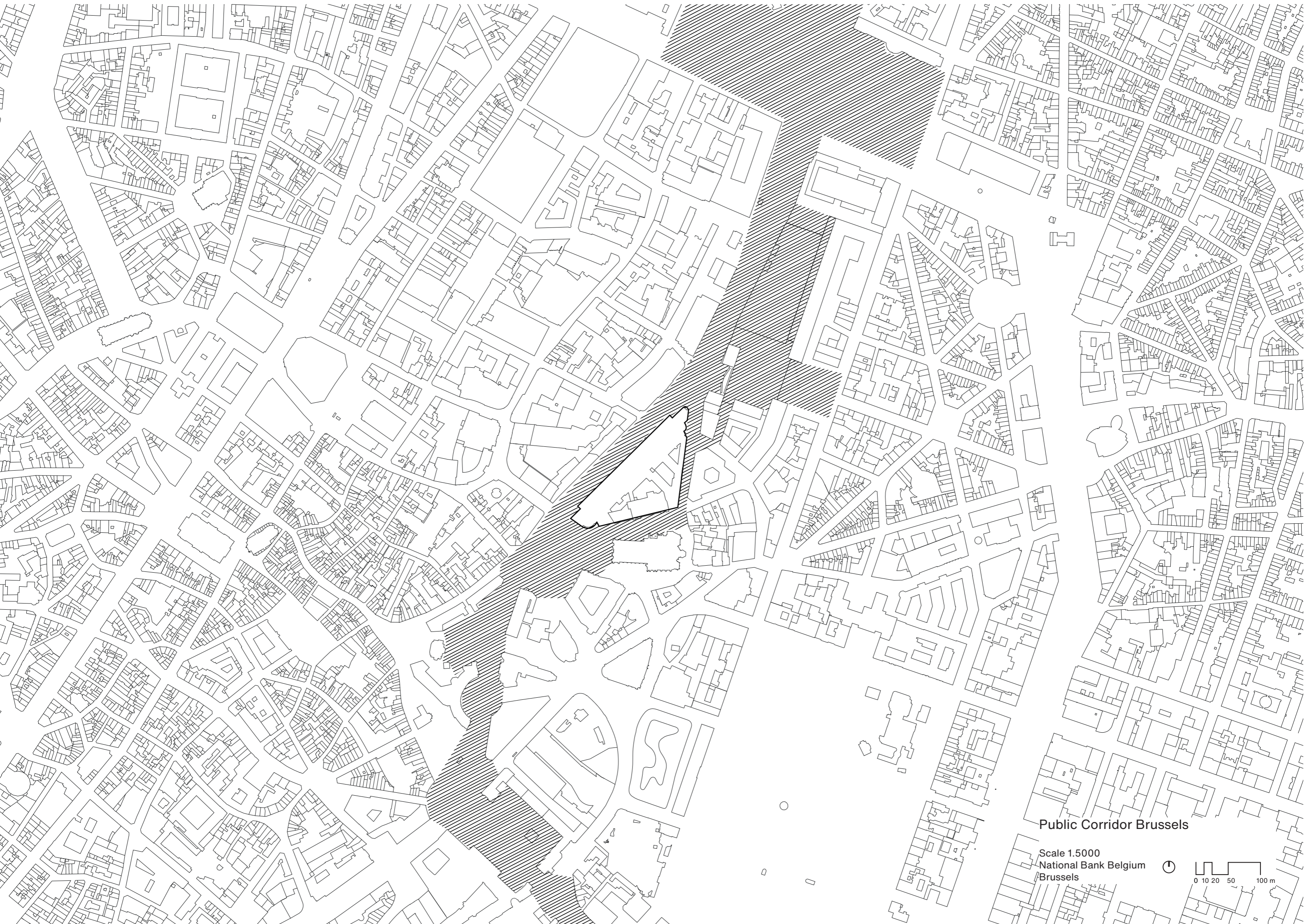
Photo collage

A new face towards the city
National Bank Belgium
Brussels



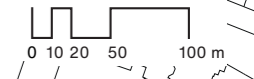
Facade stitch

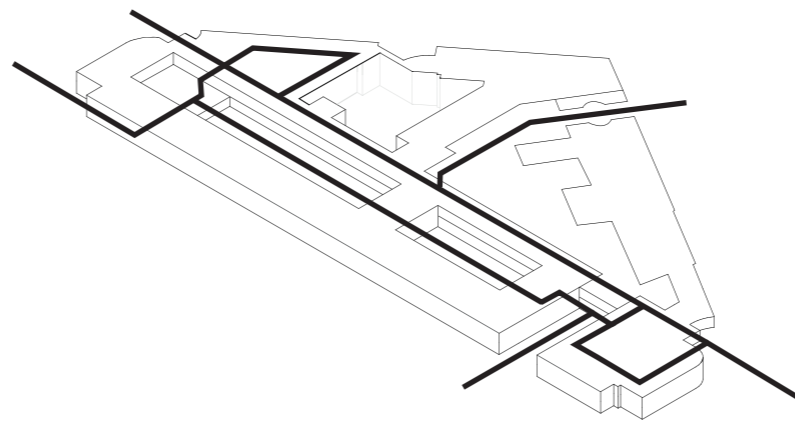
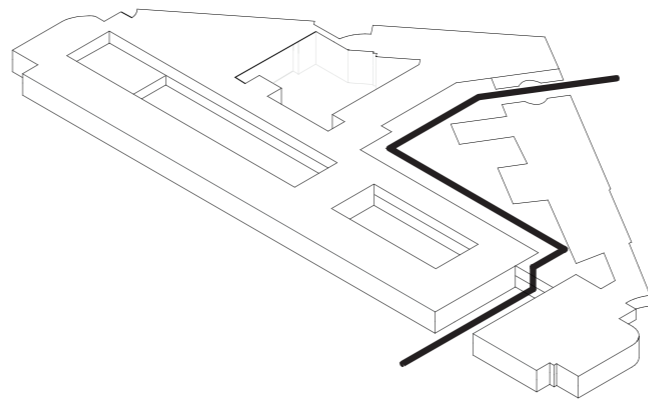
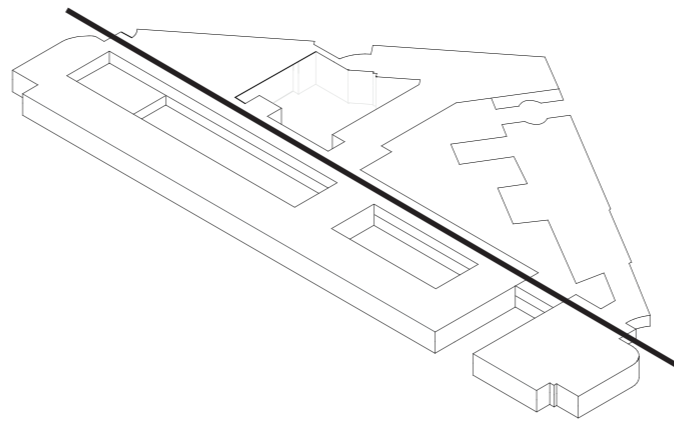
Making cuts in the building
National Bank Belgium
Brussels



Public Corridor Brussels

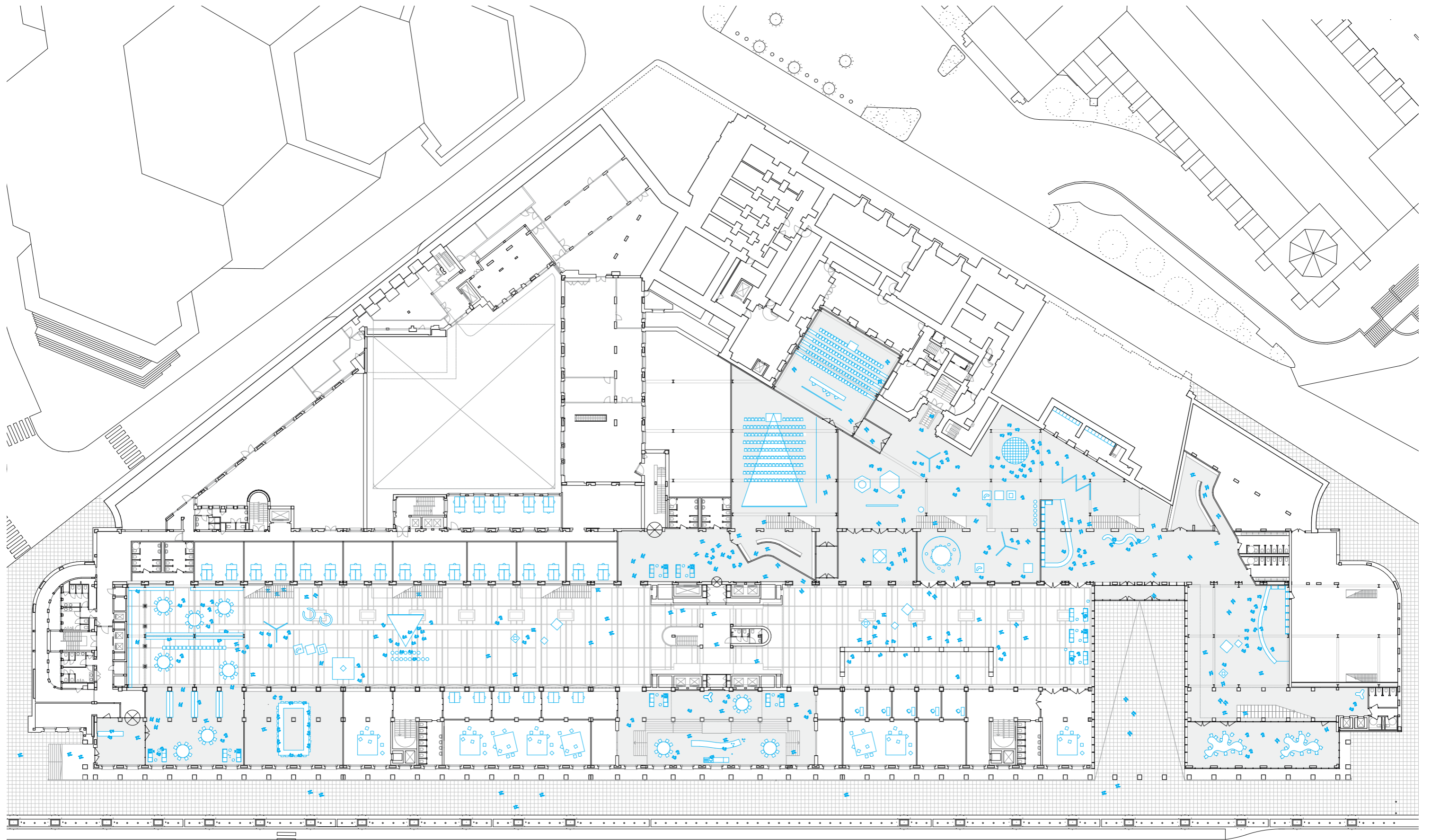
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National Bank Belgium
Brussels





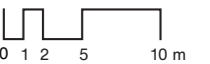
Public Network

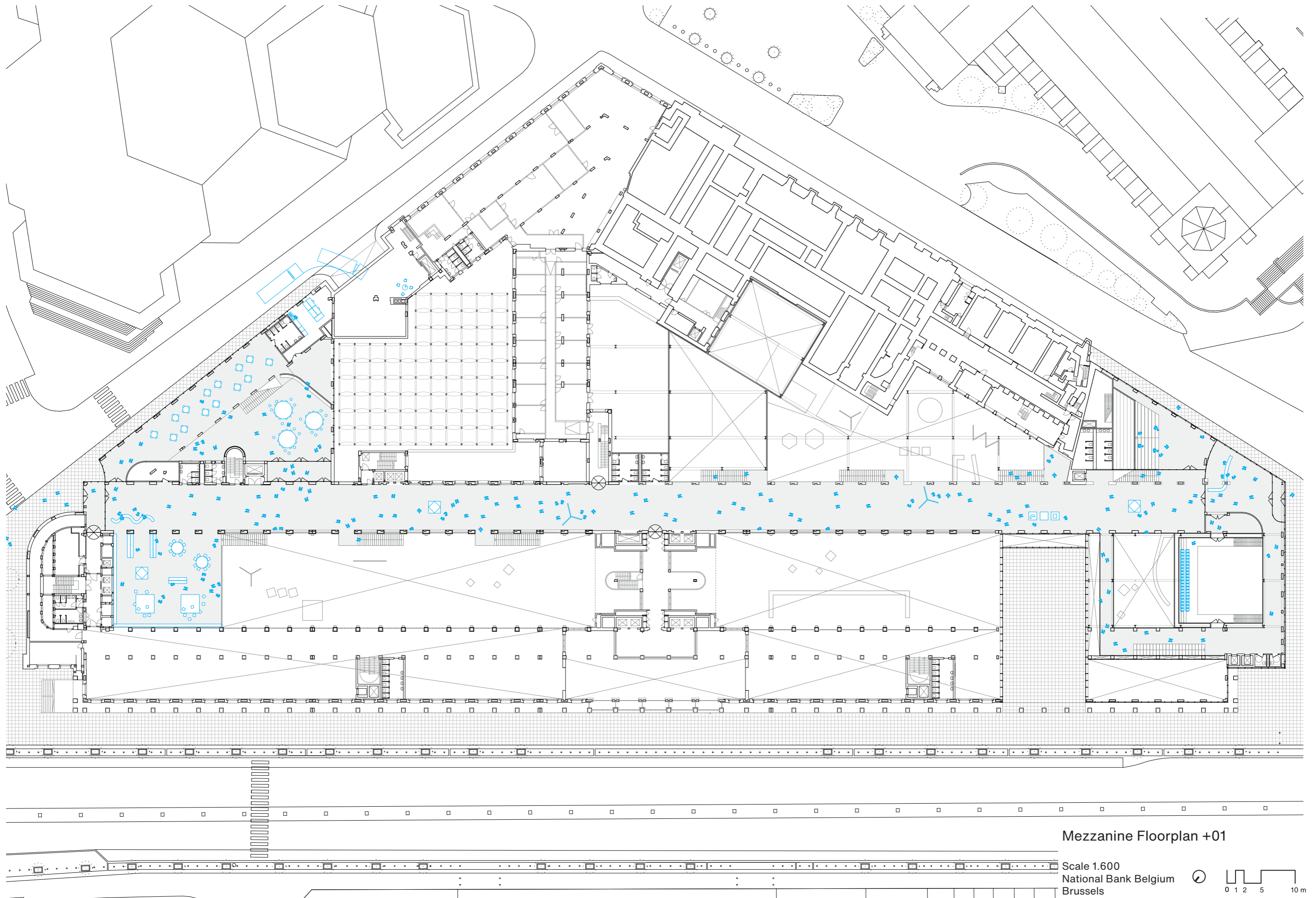
Creating a permeable structure
National Bank Belgium
Brussels



Ground Floorplan

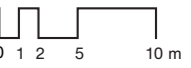
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National Bank Belgium
Brussels

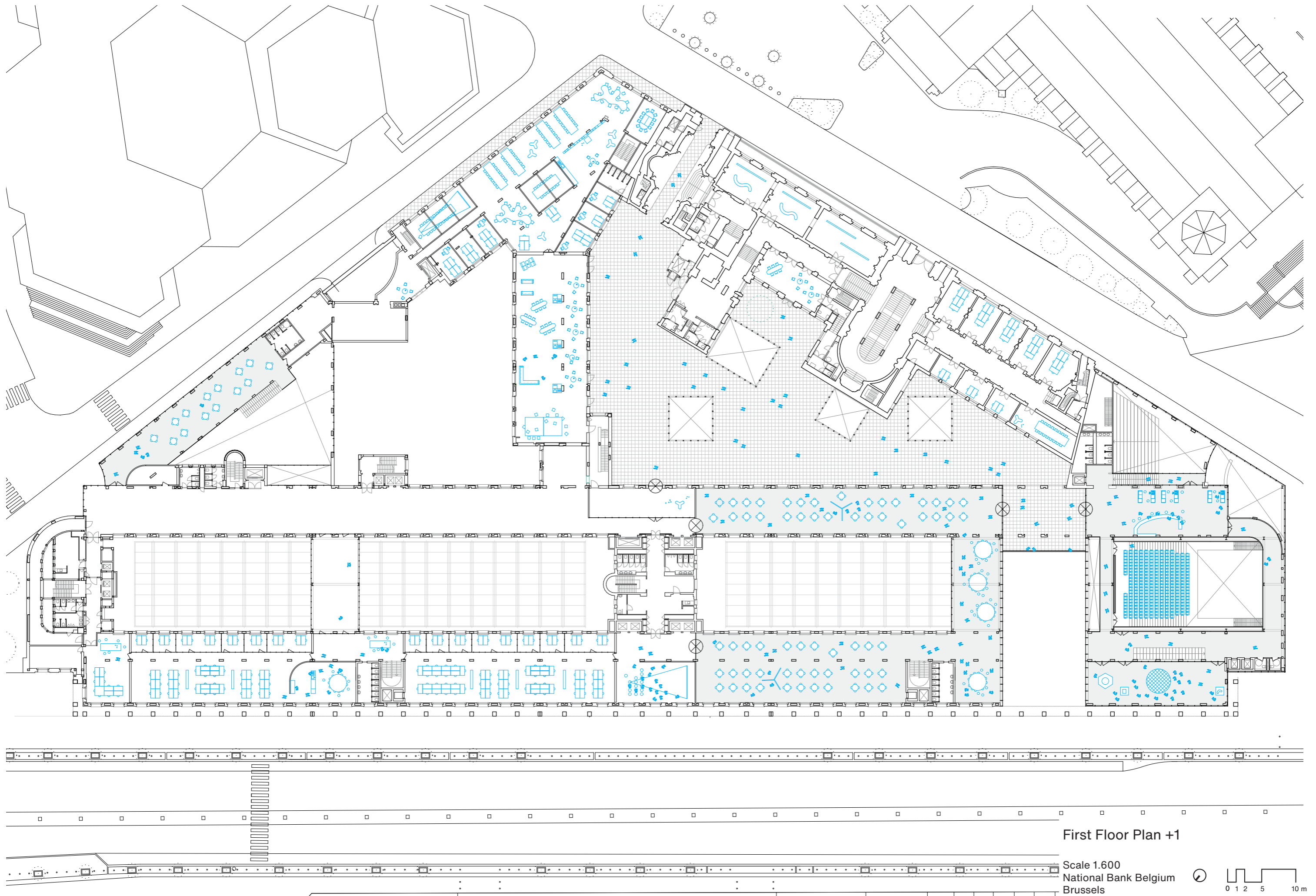




Mezzanine Floorplan +01

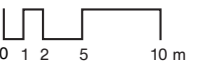
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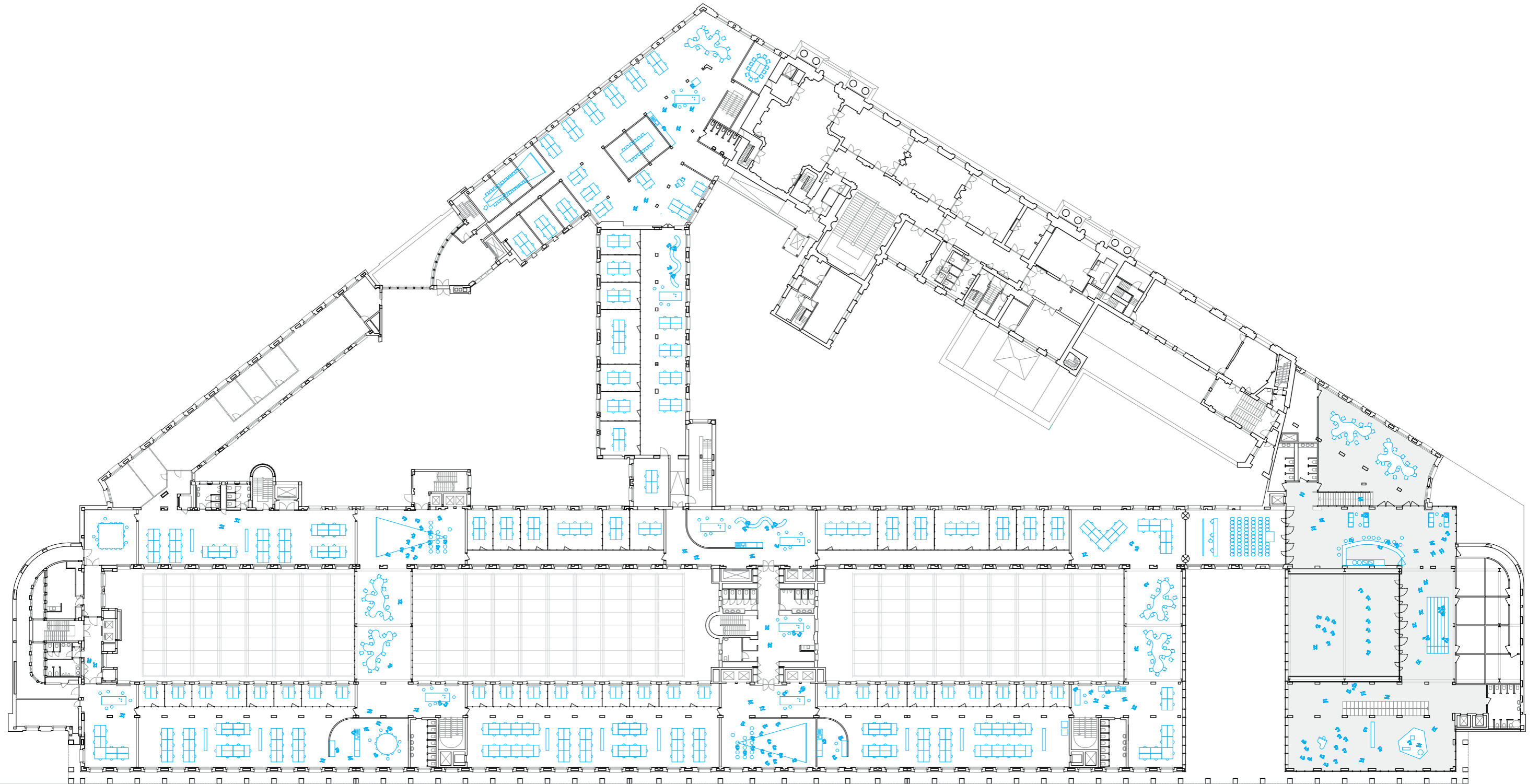




First Floor Plan +1

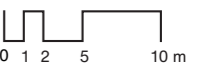
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National Bank Belgium
Brussels

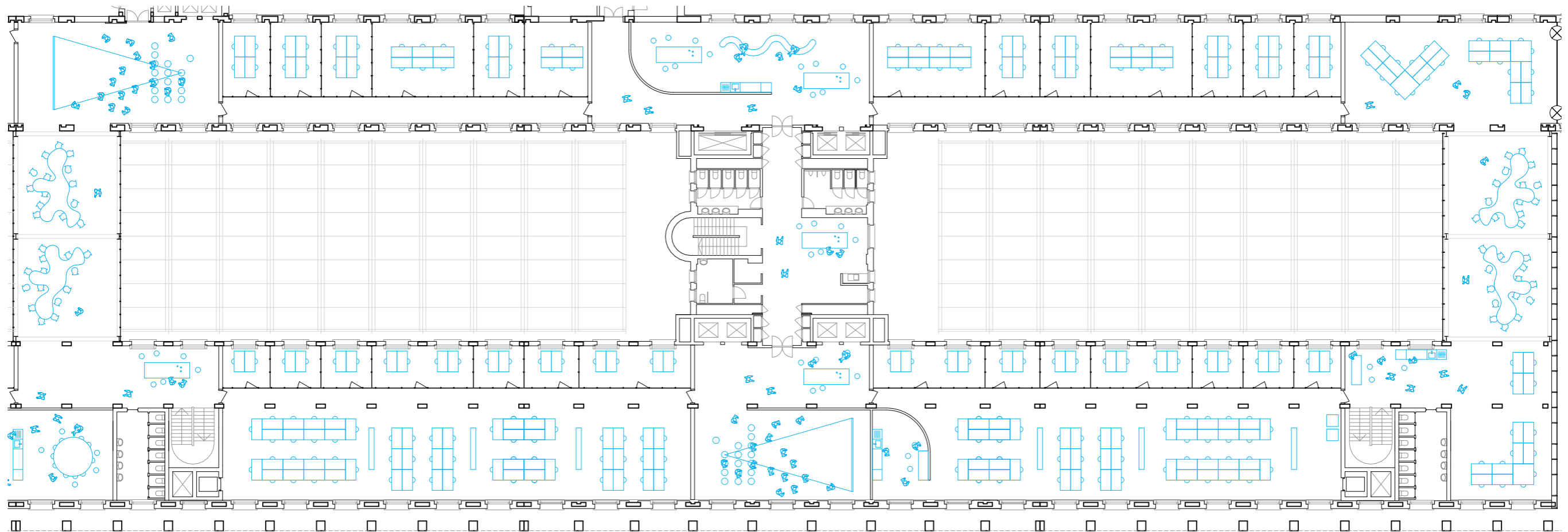




Third Floorplan +3

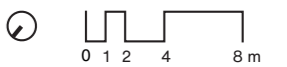
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National Bank Belgium
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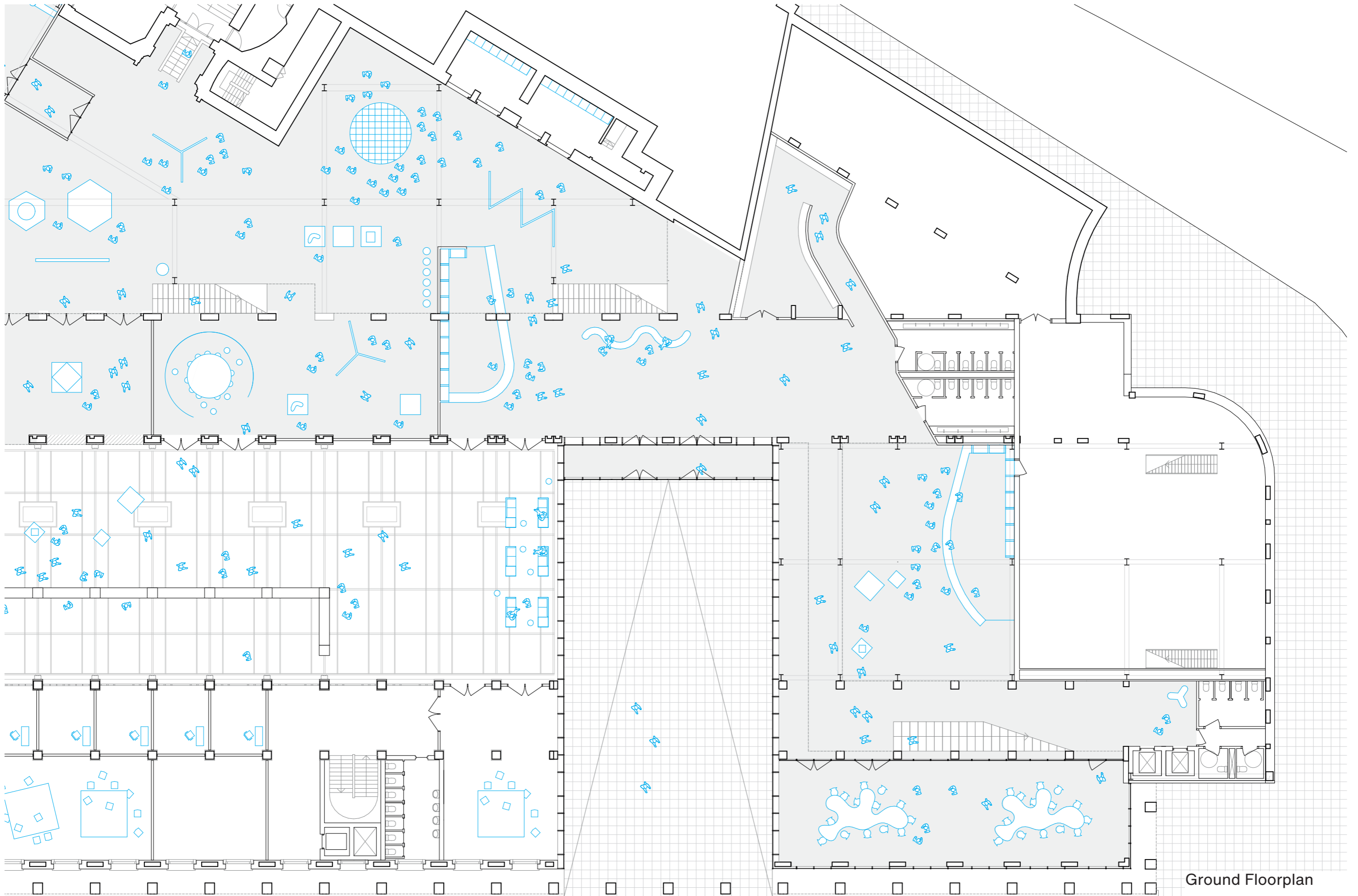




Typical Office Floorplan

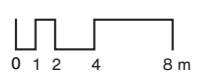
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National Bank Belgium
Brussels

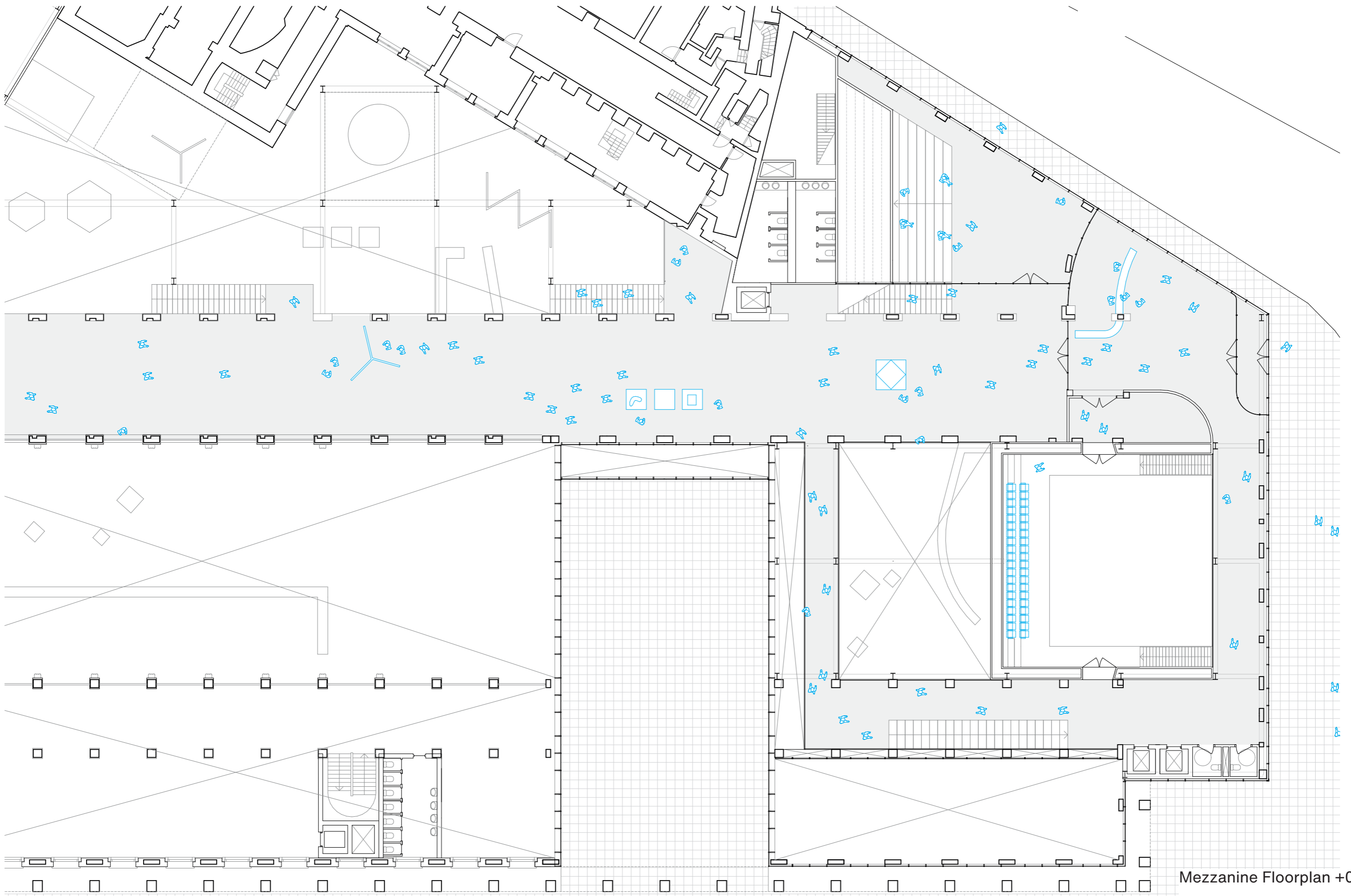




Ground Floorplan

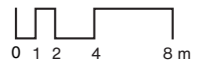
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National Bank
Belgium

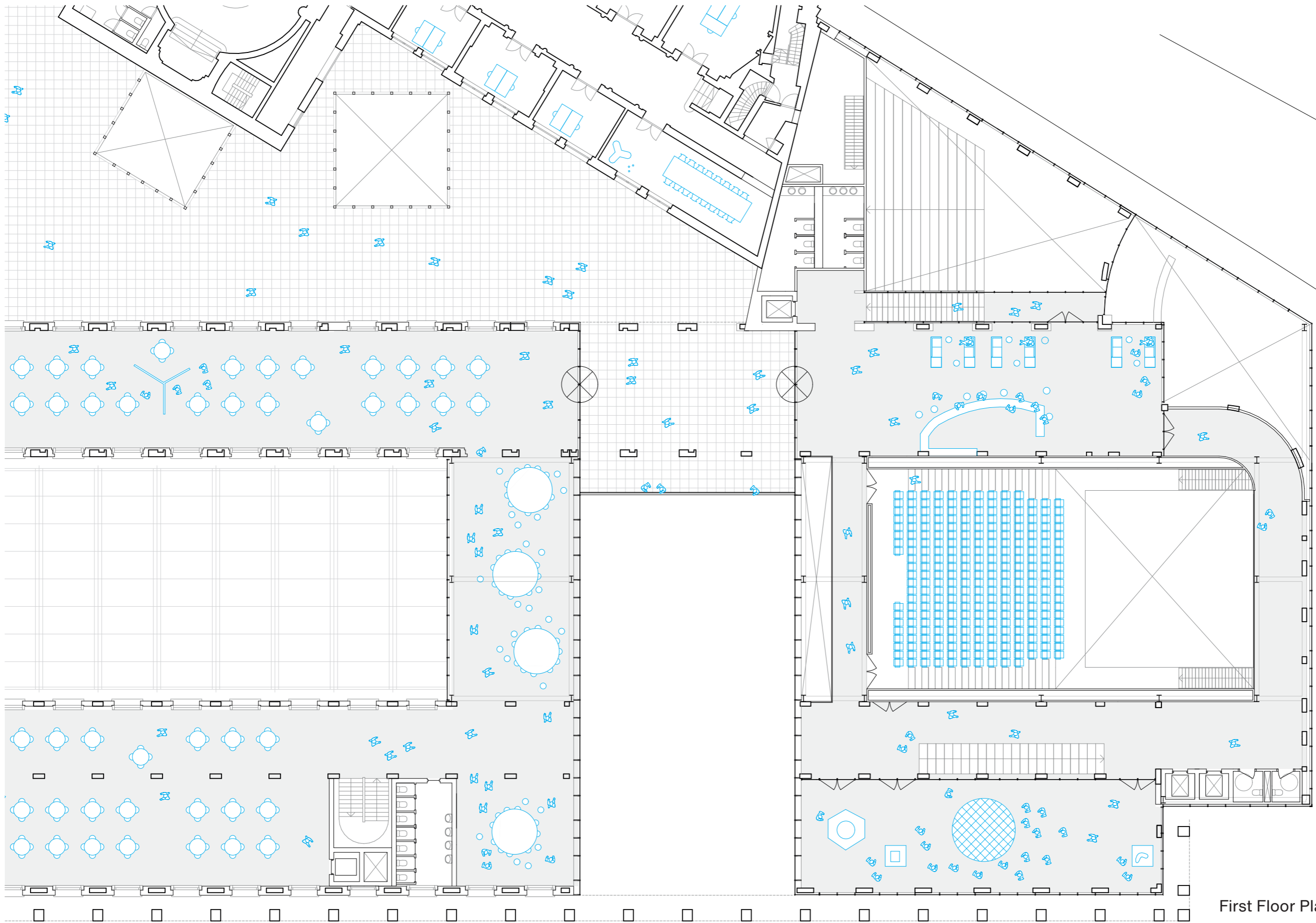




Mezzanine Floorplan +01

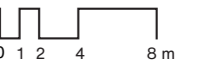
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National Bank
Belgium

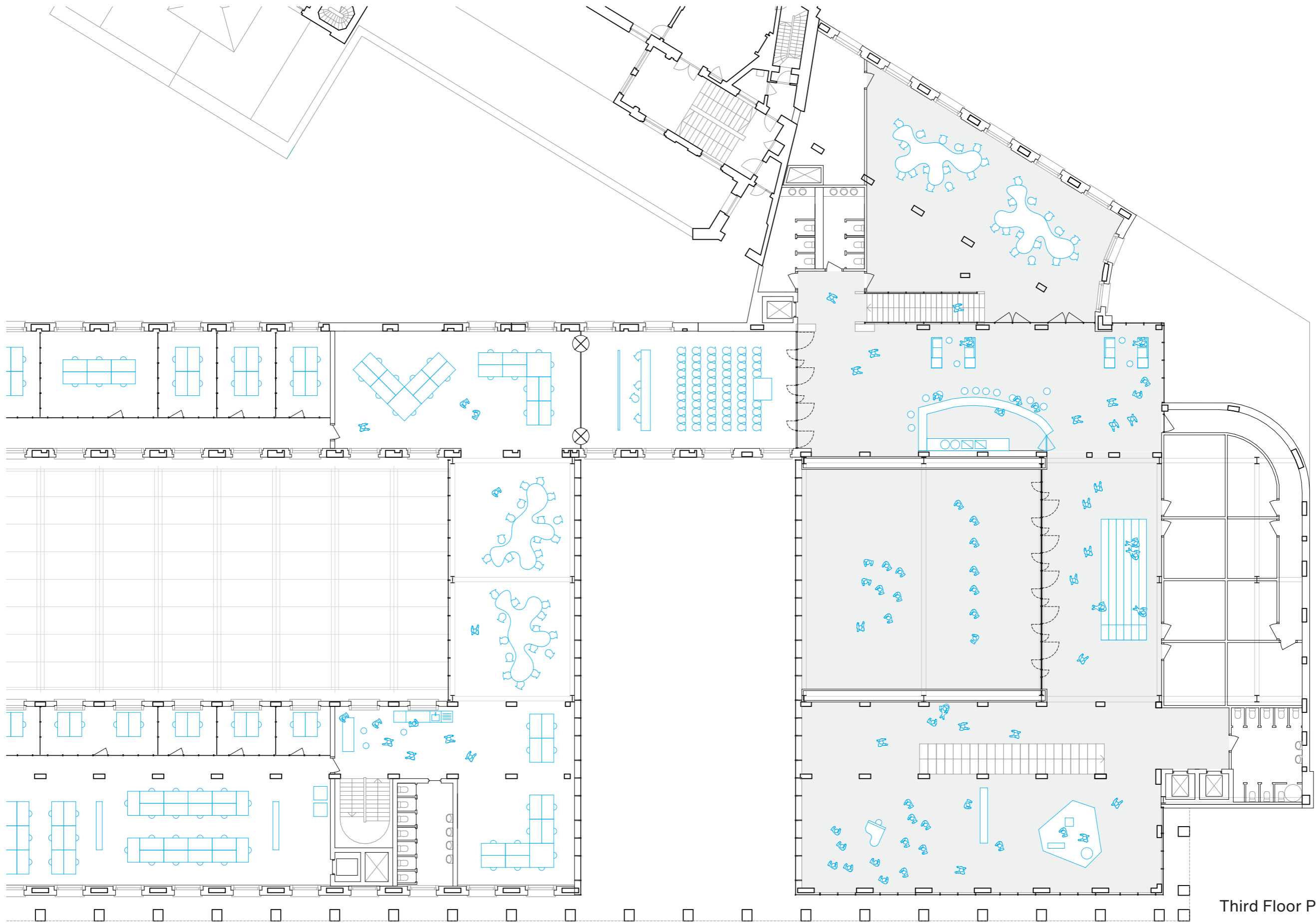




First Floor Plan +1

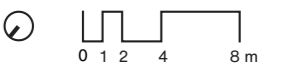
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National Bank
Belgium

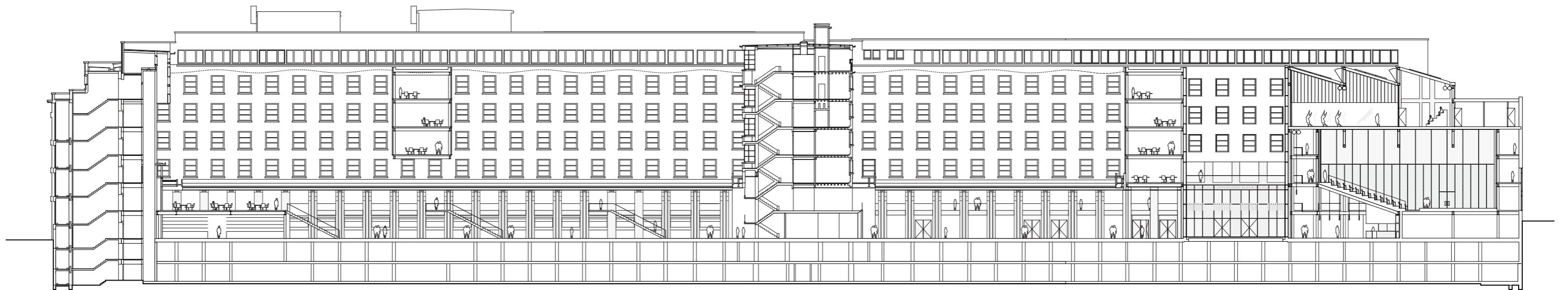




Third Floor Plan +3

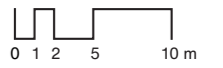
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National Bank
Belgium

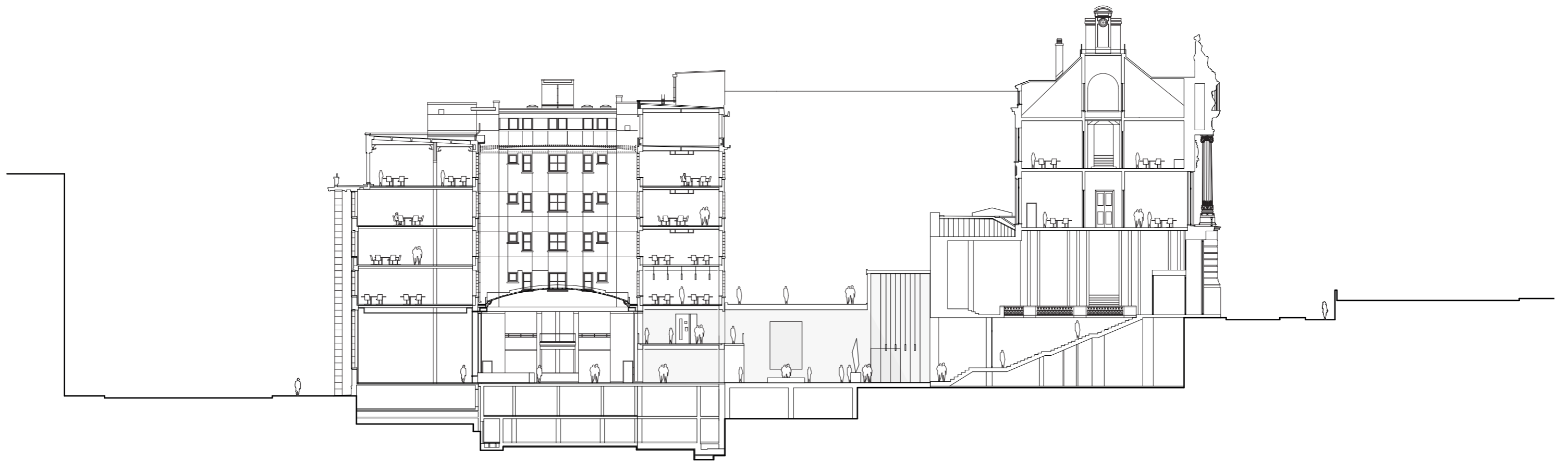




Long sections XX and YY

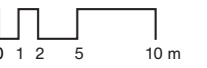
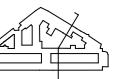
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National Bank Belgium
Brussels

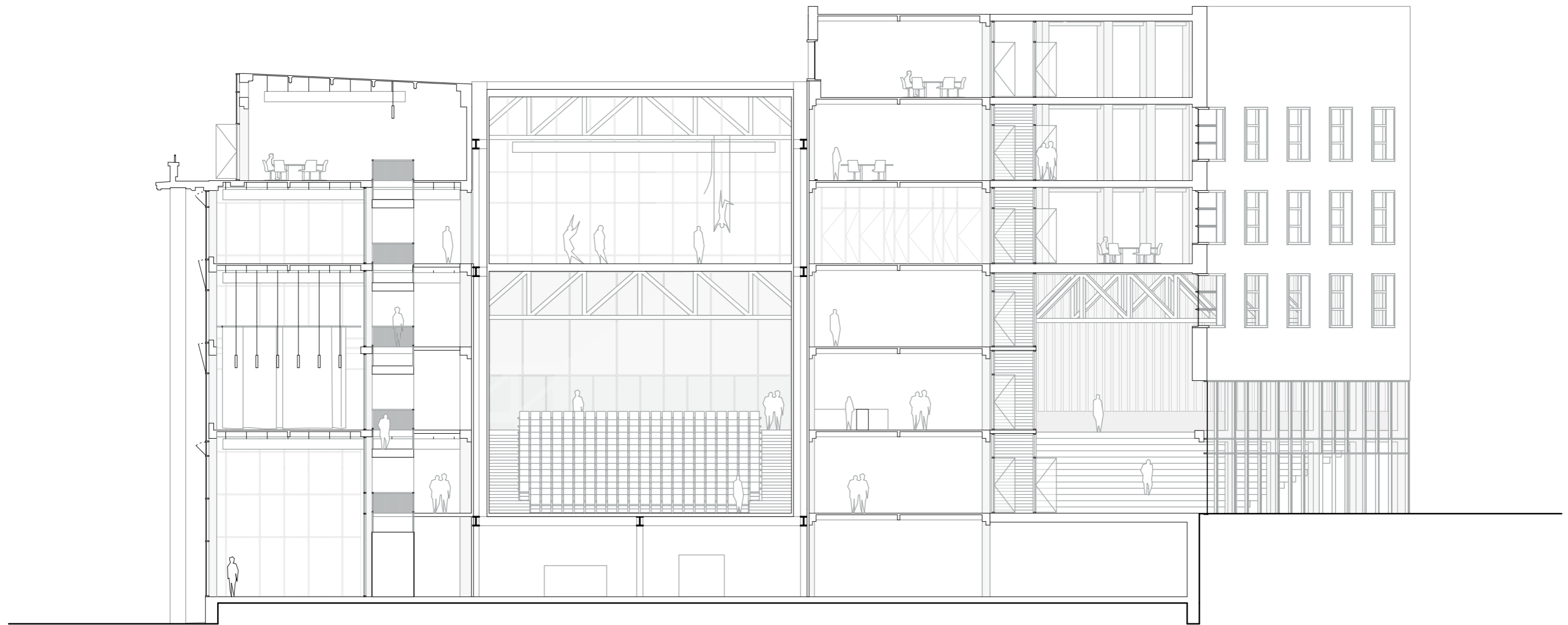




Short section XX

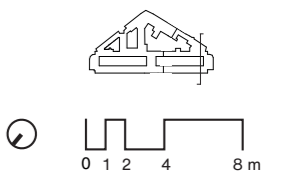
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National Bank Belgium
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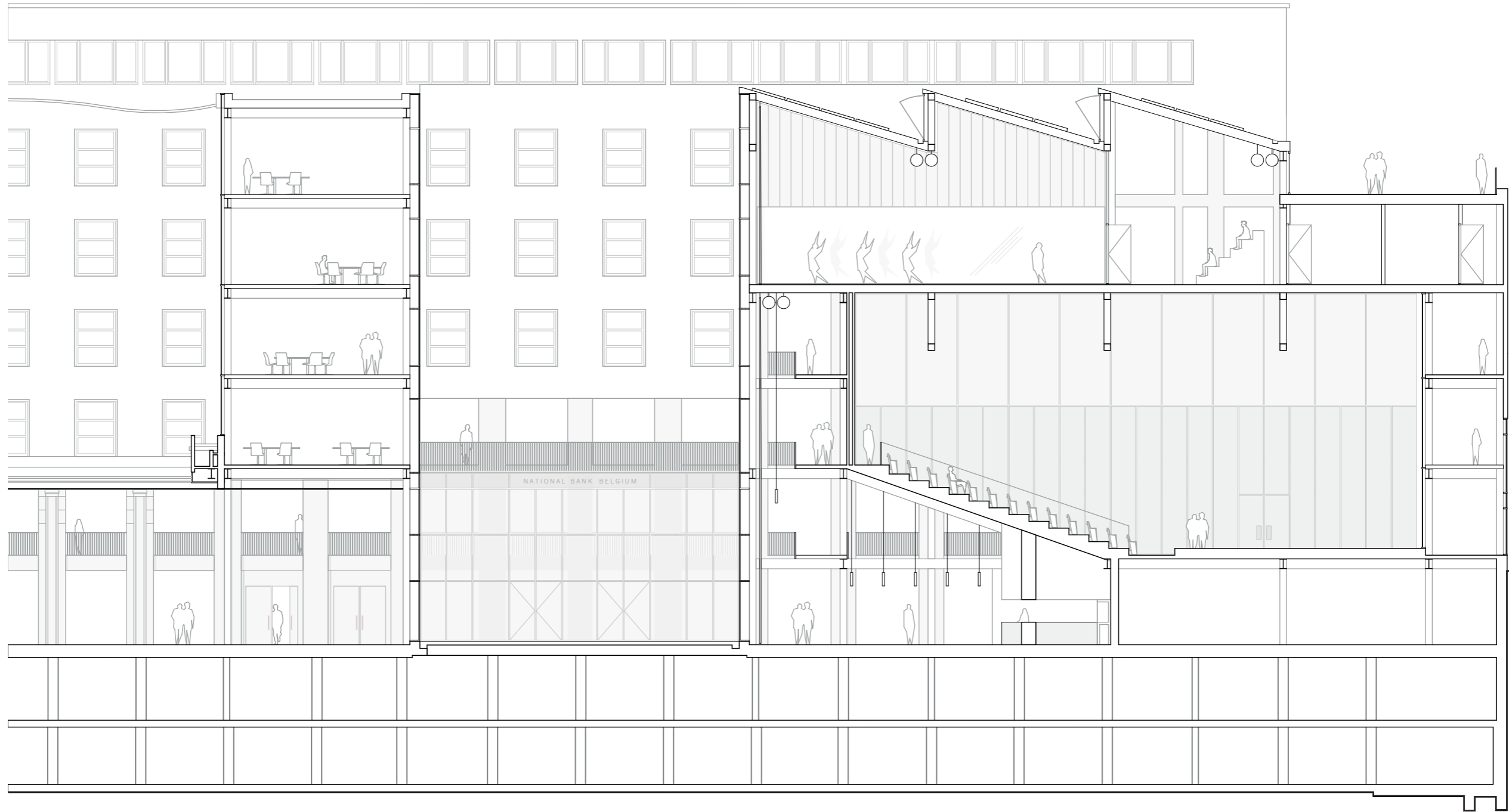




Section XX

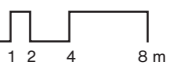
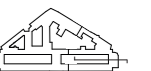
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National Bank Belgium
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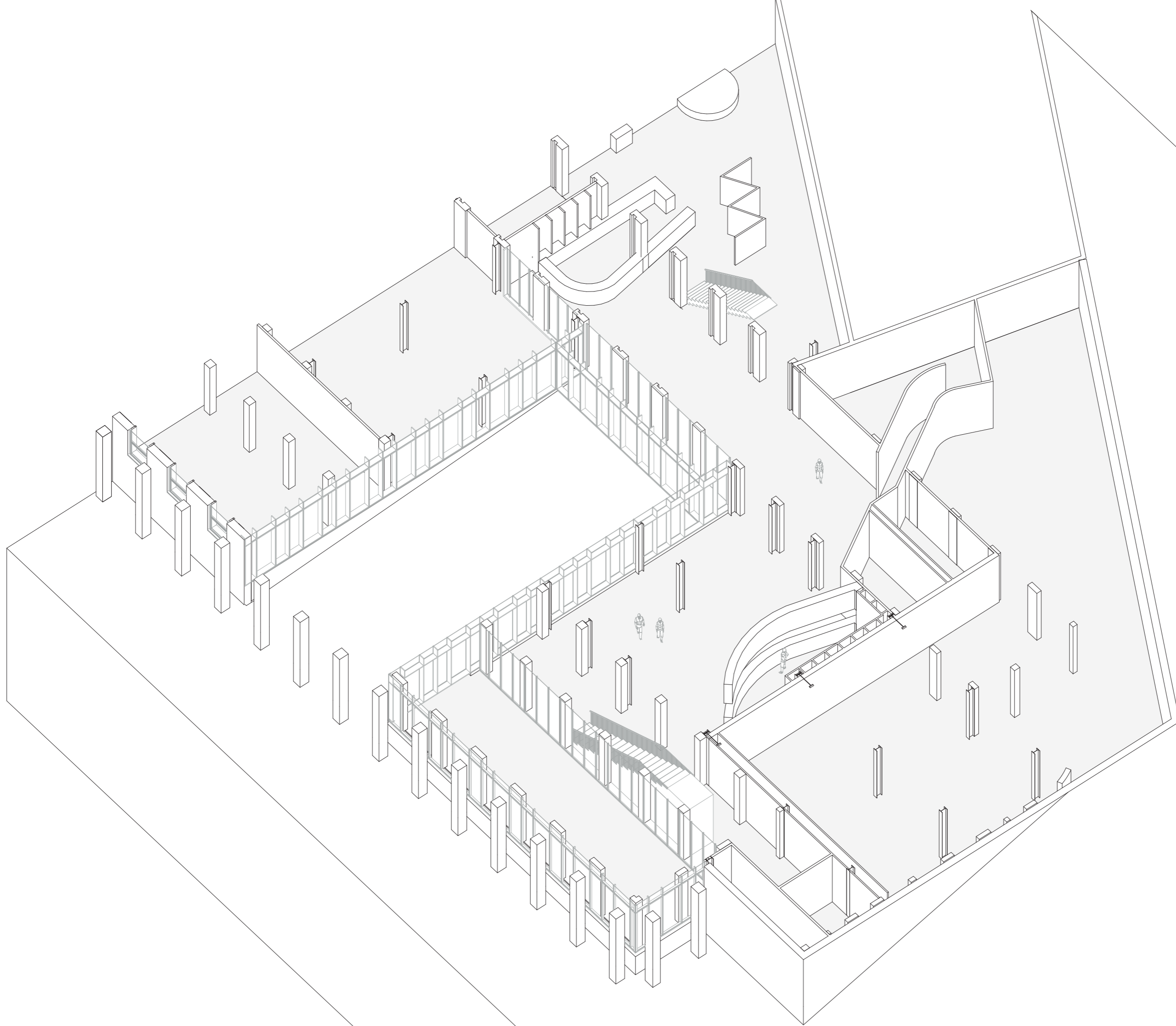




Section YY

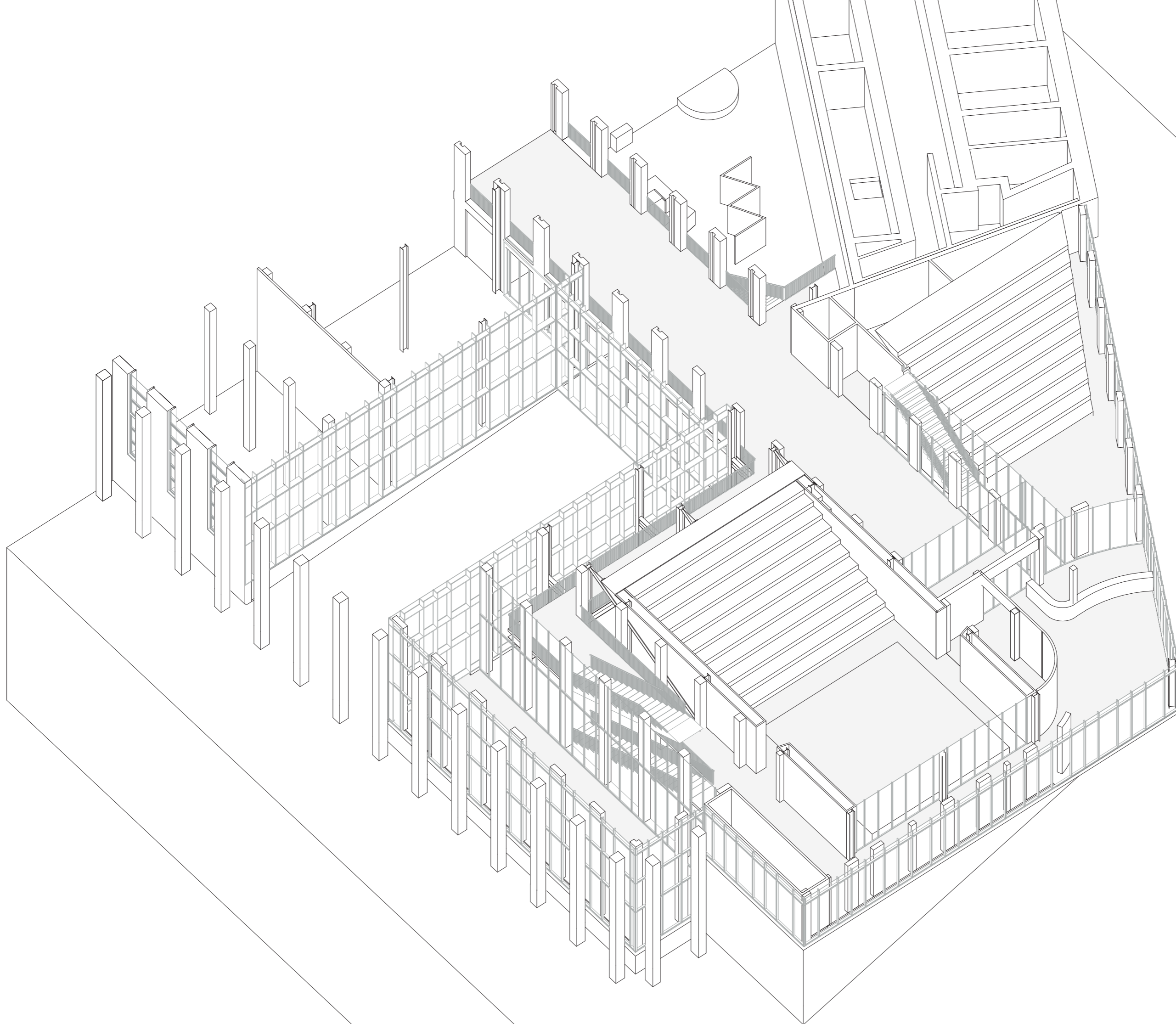
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National Bank Belgium
Brussels





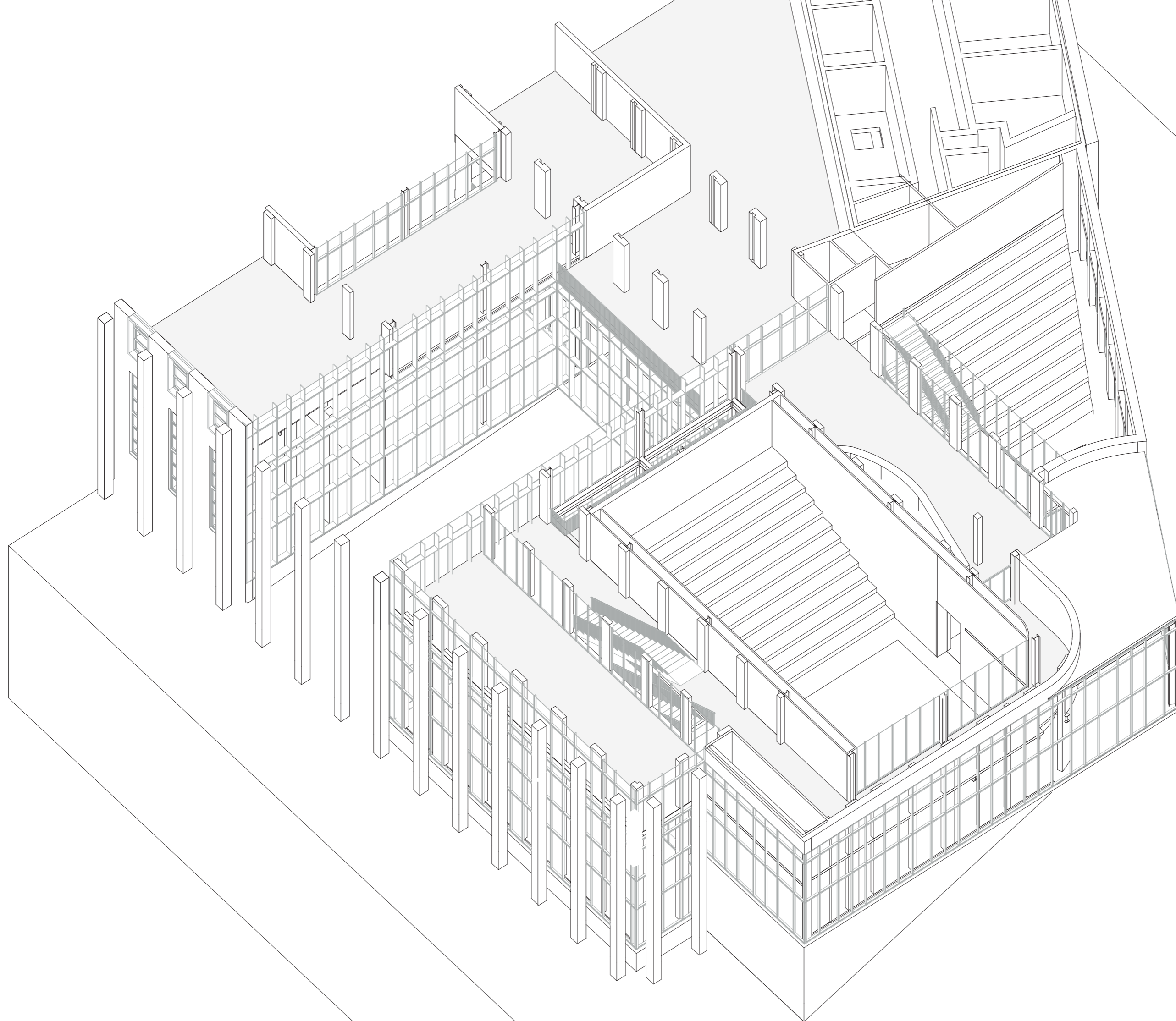
Axonometric Fragment

Ground Floor
National Bank Belgium
Brussels



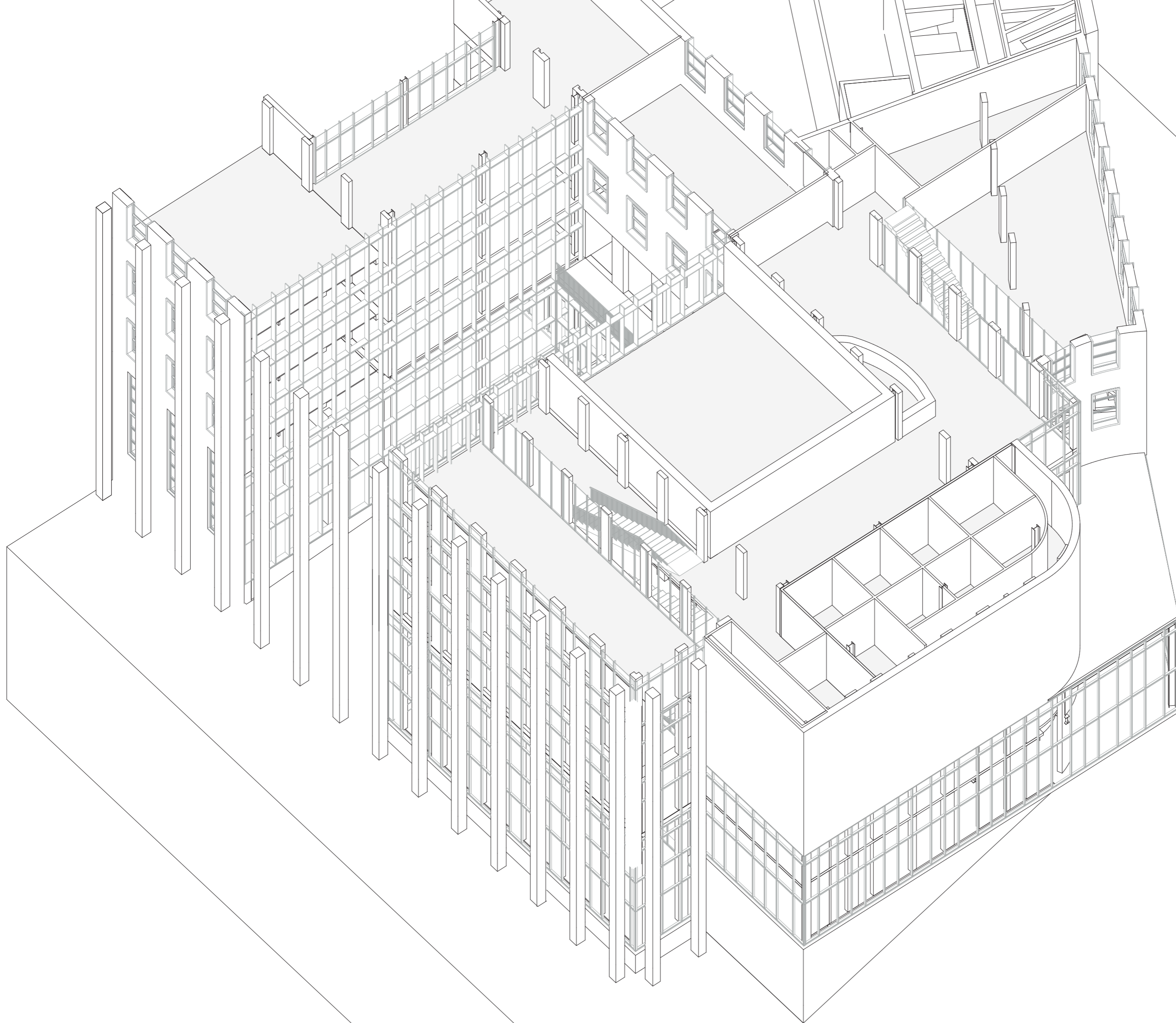
Axonometric Fragment

Mezzanine Floor
National Bank Belgium
Brussels



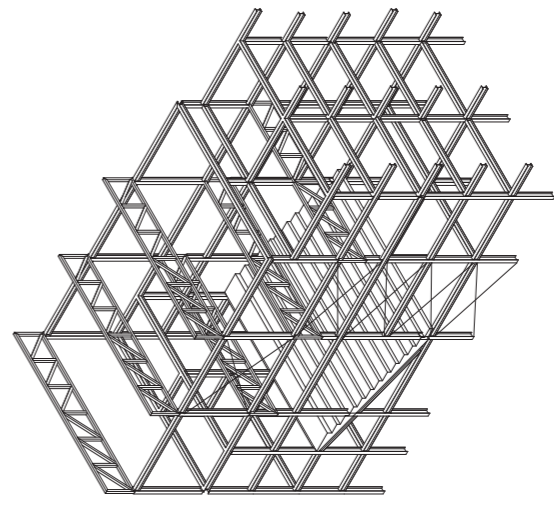
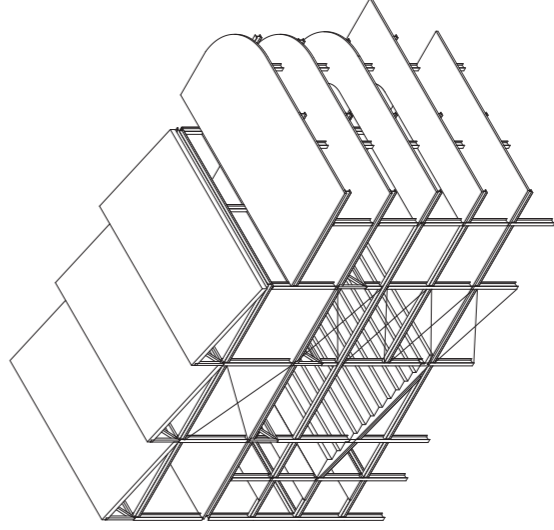
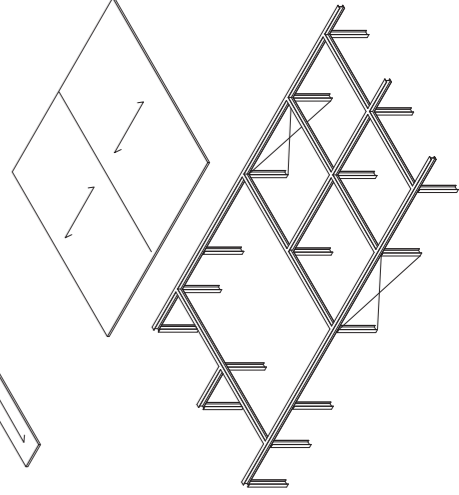
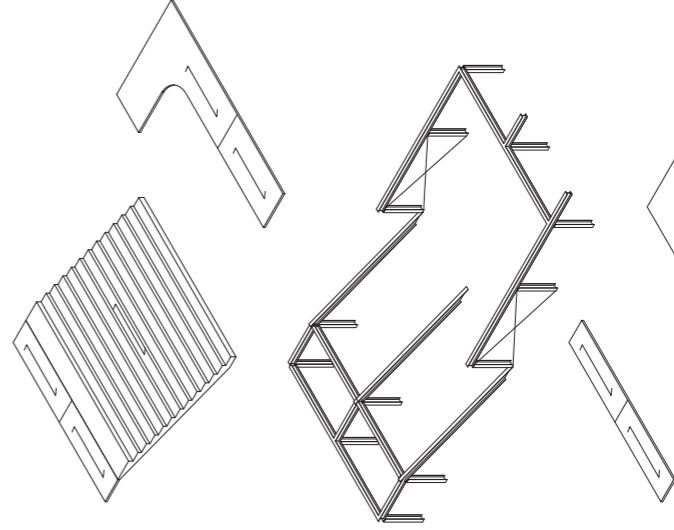
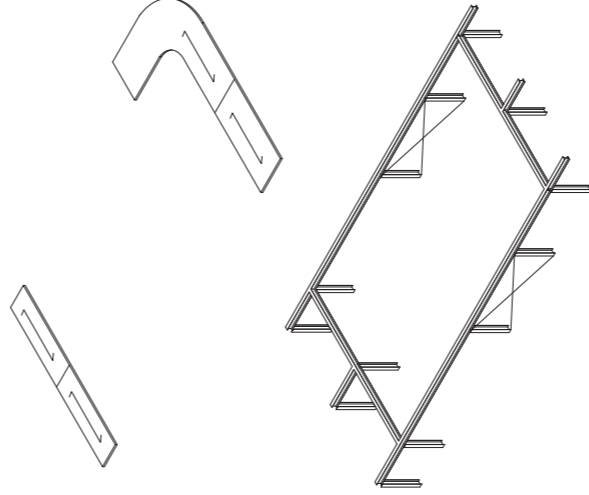
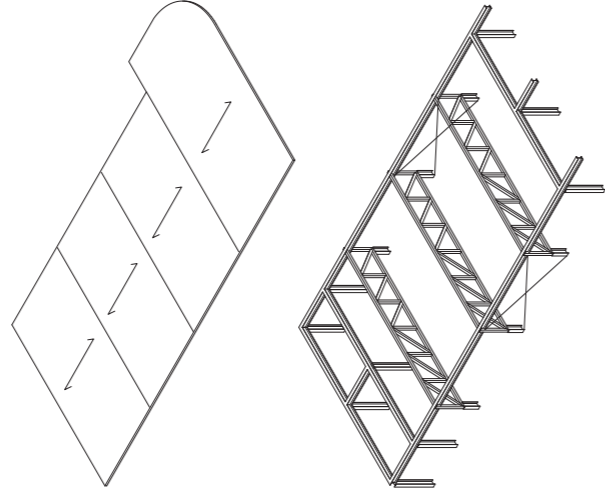
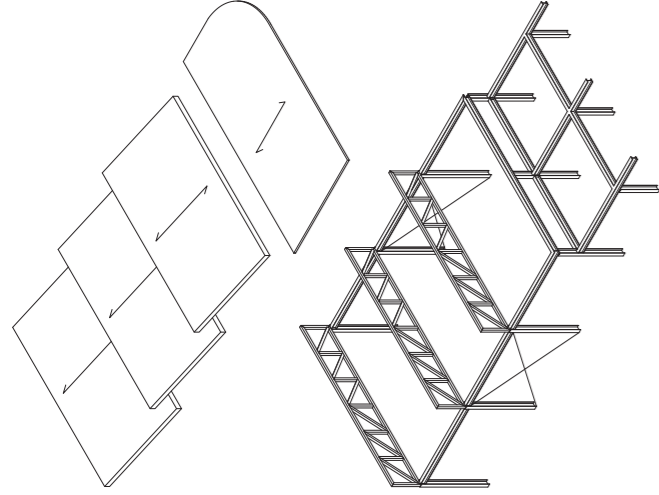
Axonometric Fragment

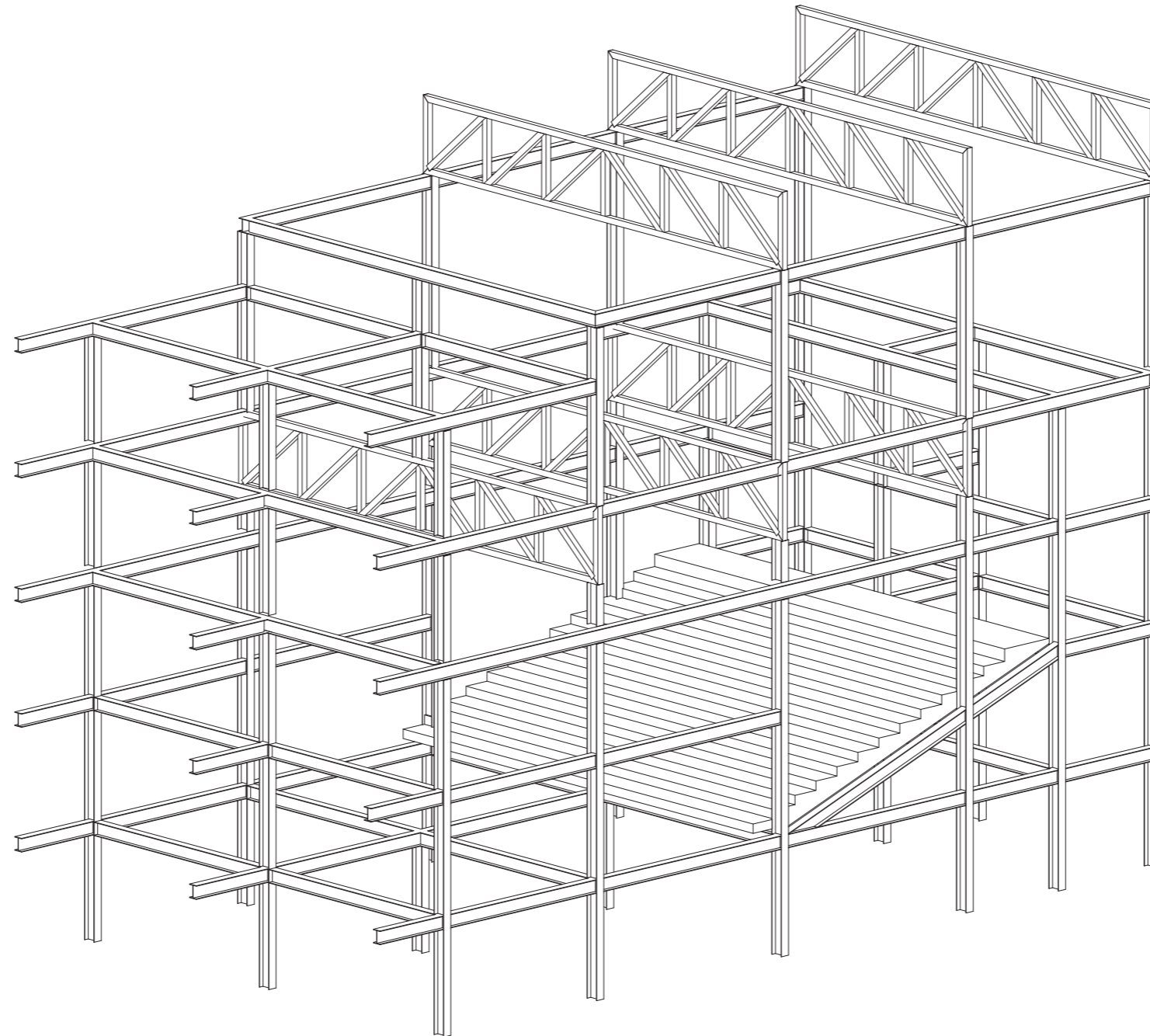
First Floor
National Bank Belgium
Brussels



Axonometric Fragment

Third Floor
National Bank Belgium
Brussels

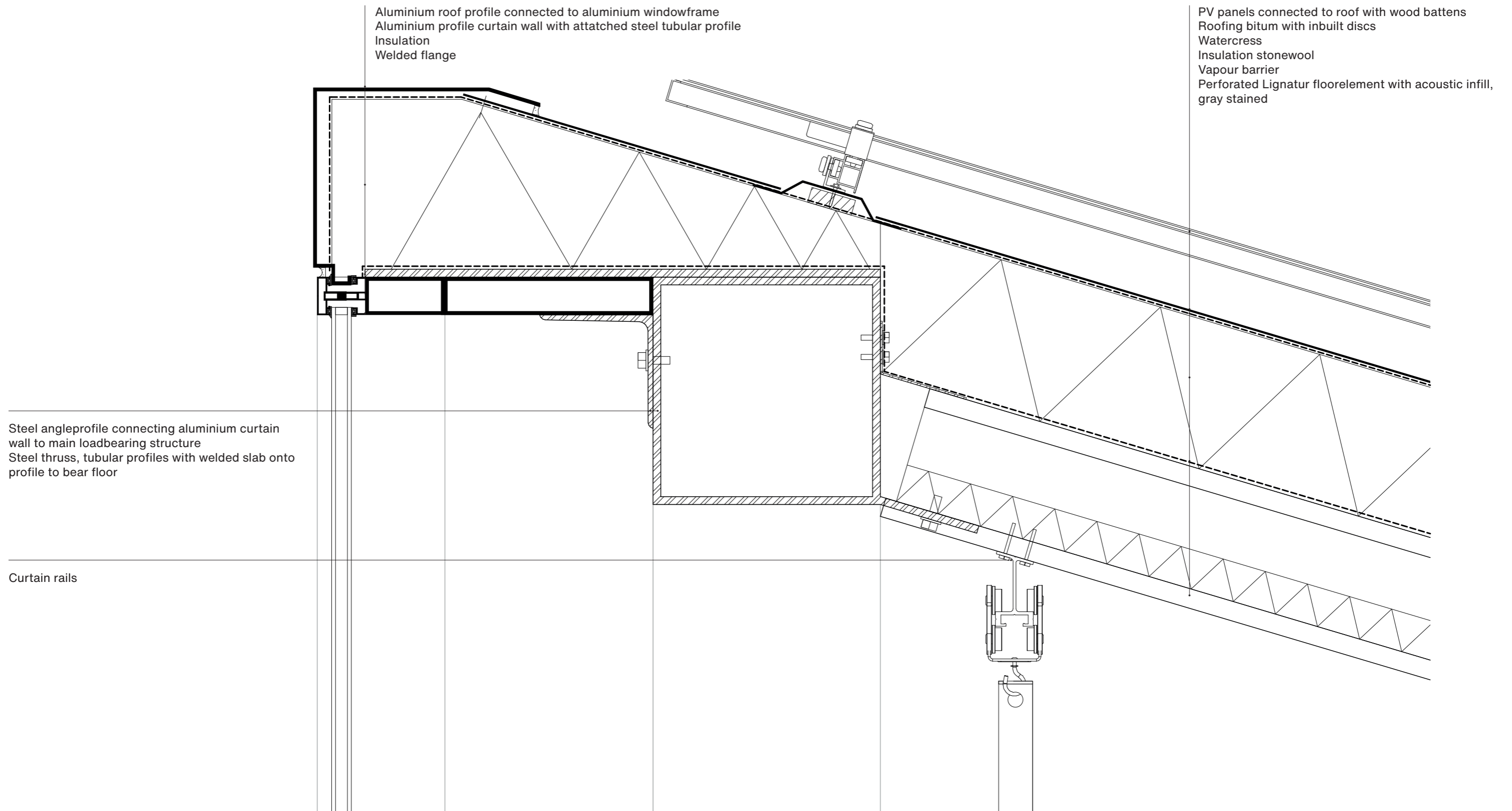




Axonometric Structure

Loadbearing structure:
Steel columns HEA450 300 x 440 mm [142,7 kg/m]
Steel beams HEA450 300 x 440 mm [142,7 kg/m]
Steel trusses tubular profile 300 x 300 mm, total height 2000 mm

Clt [5 layers] and Lignatur floors combined
Max span: 7800 mm



Aluminium roof profile connected to aluminium windowframe
 Aluminium profile curtain wall with attached steel tubular profile
 Insulation
 Welded flange

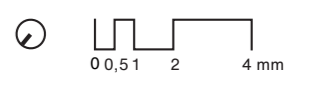
PV panels connected to roof with wood battens
 Roofing bitum with inbuilt discs
 Watercress
 Insulation stonewool
 Vapour barrier
 Perforated Lignatur floorelement with acoustic infill,
 gray stained

Steel angleprofile connecting aluminium curtain
 wall to main loadbearing structure
 Steel thuss, tubular profiles with welded slab onto
 profile to bear floor

Curtain rails

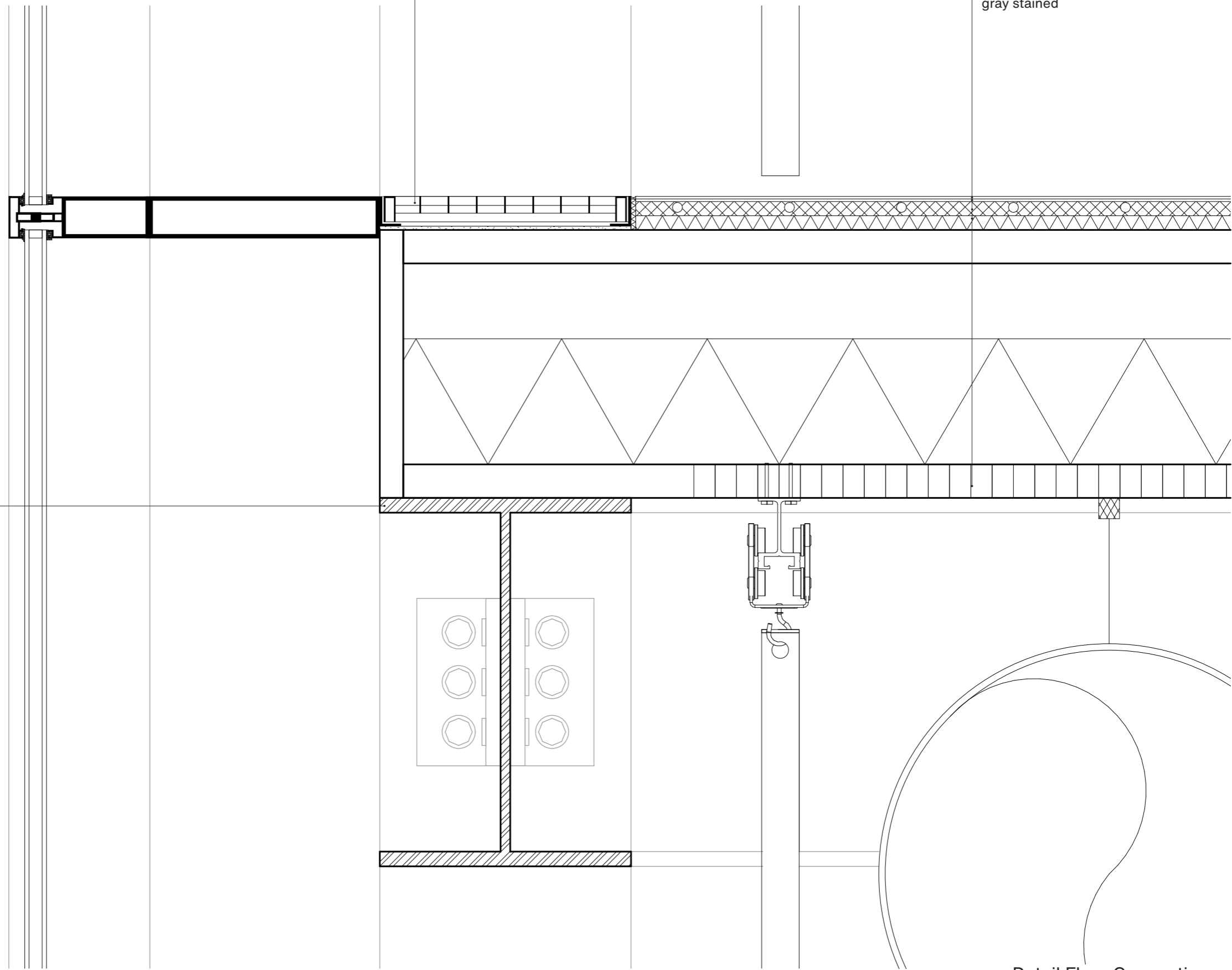
Detail Roof Connection

Scale 1:5
 National Bank Belgium
 Brussels



Metal grating

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

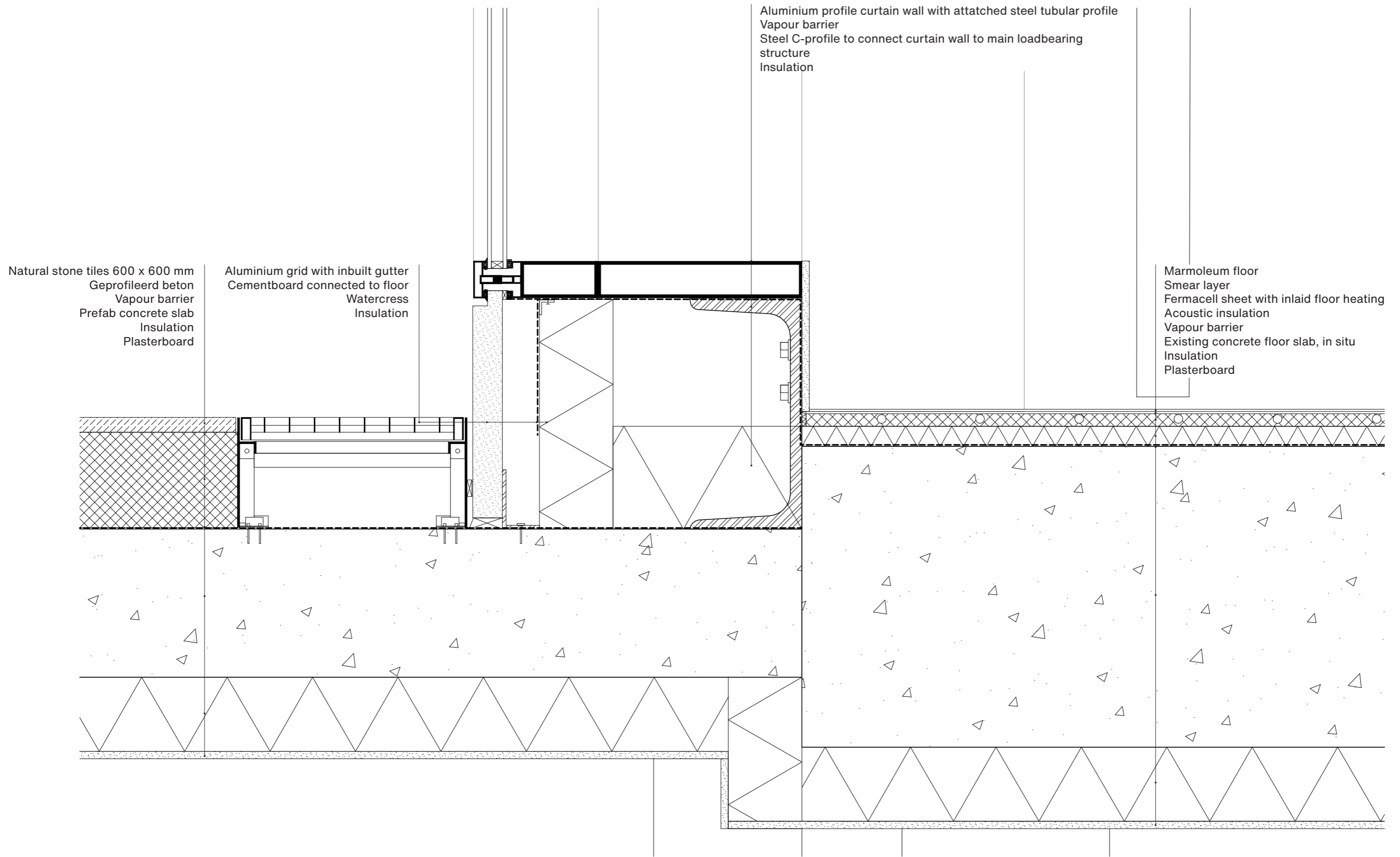


Steel beam HEA450, loadbearing structure

Detail Floor Connection

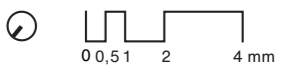
Scale 1:5
National Bank Belgium
Brussels

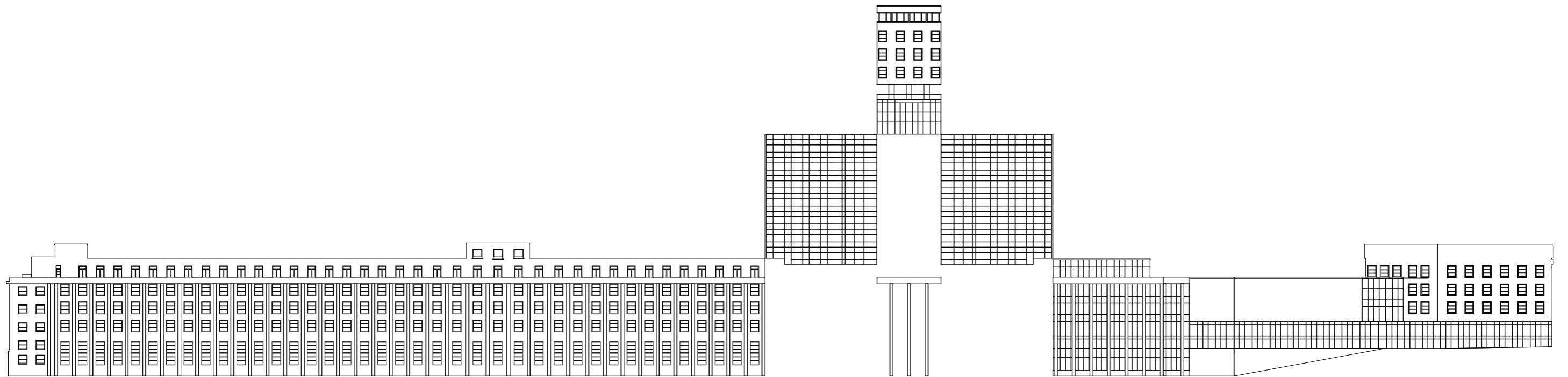




Detail Foundation

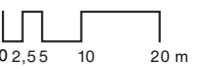
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 National Bank Belgium
 Brussels

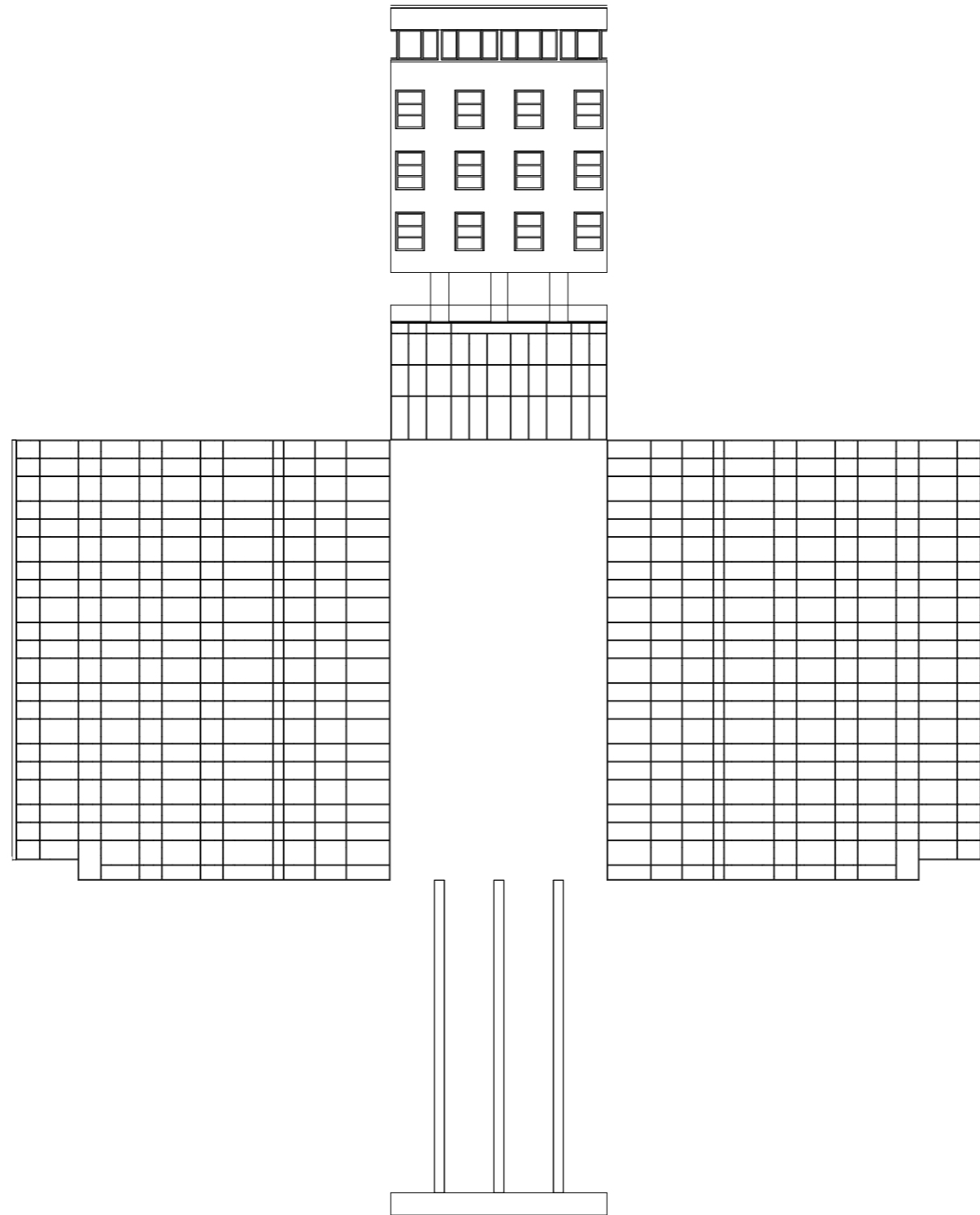




Elevation Flatlay

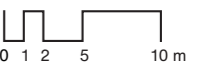
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National Bank Belgium
Brussels

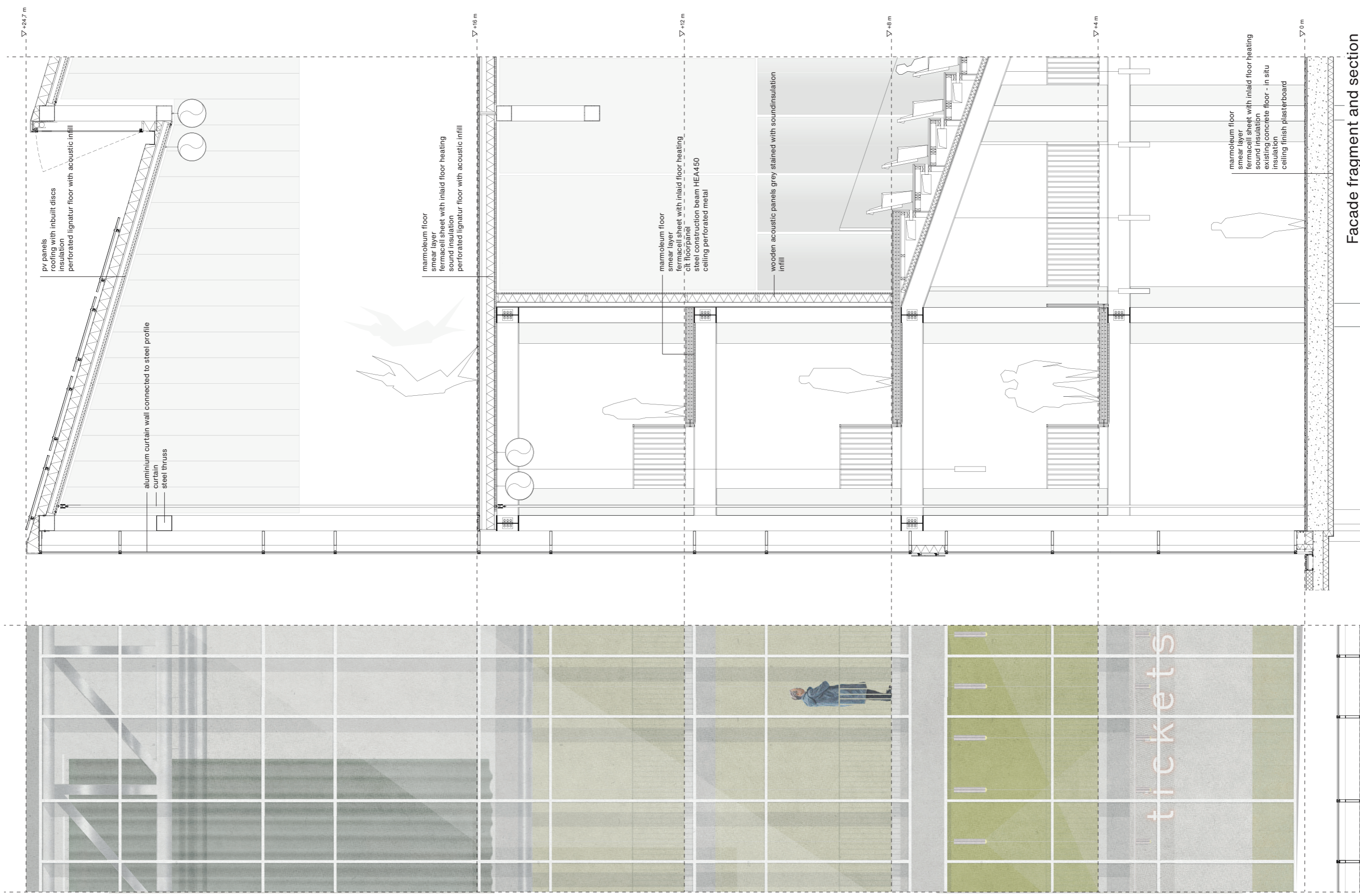




Elevation Flatlay Outside Room

Scale 1.400
National Bank Belgium
Brussels

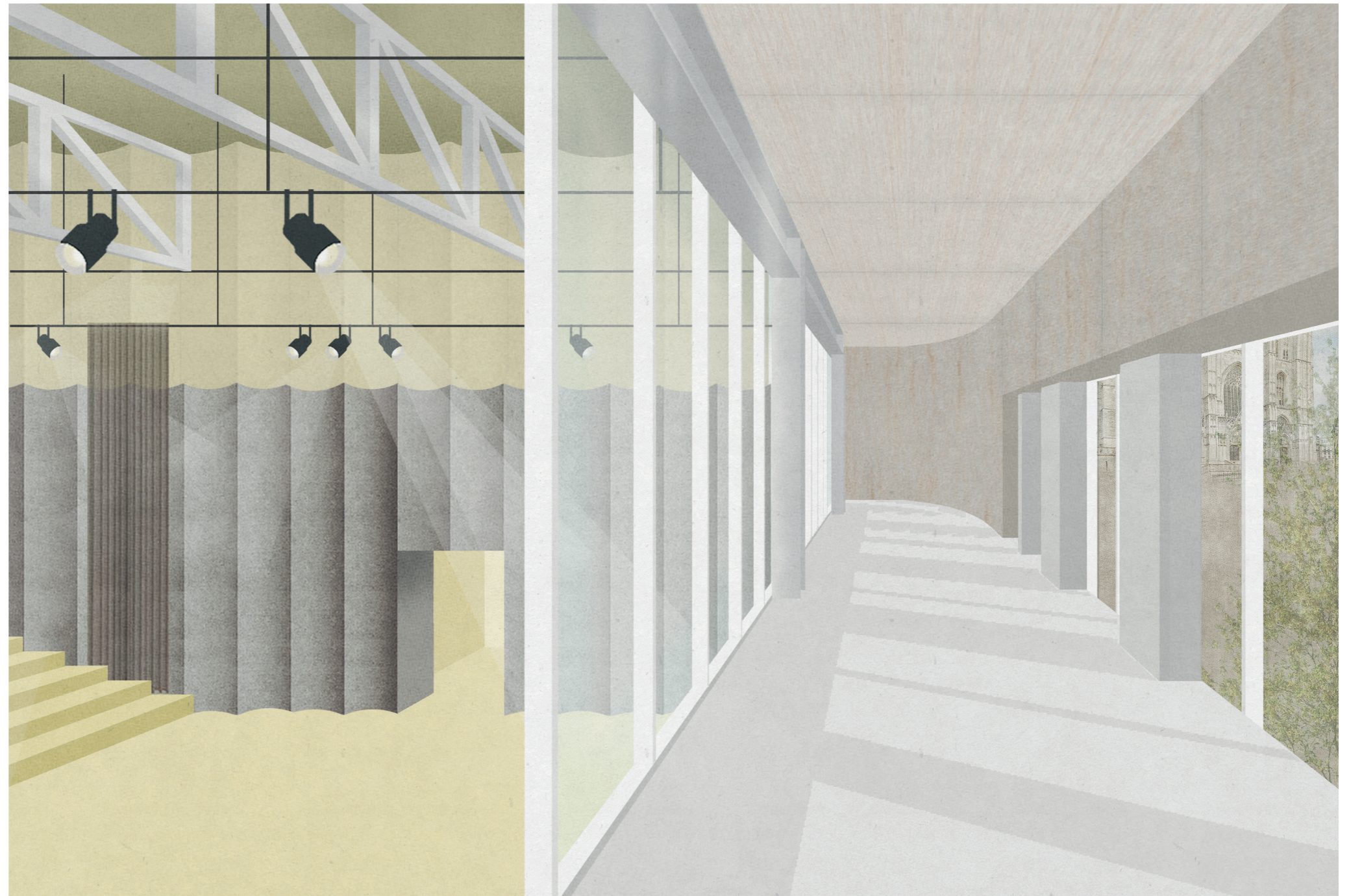




Facade fragment and section

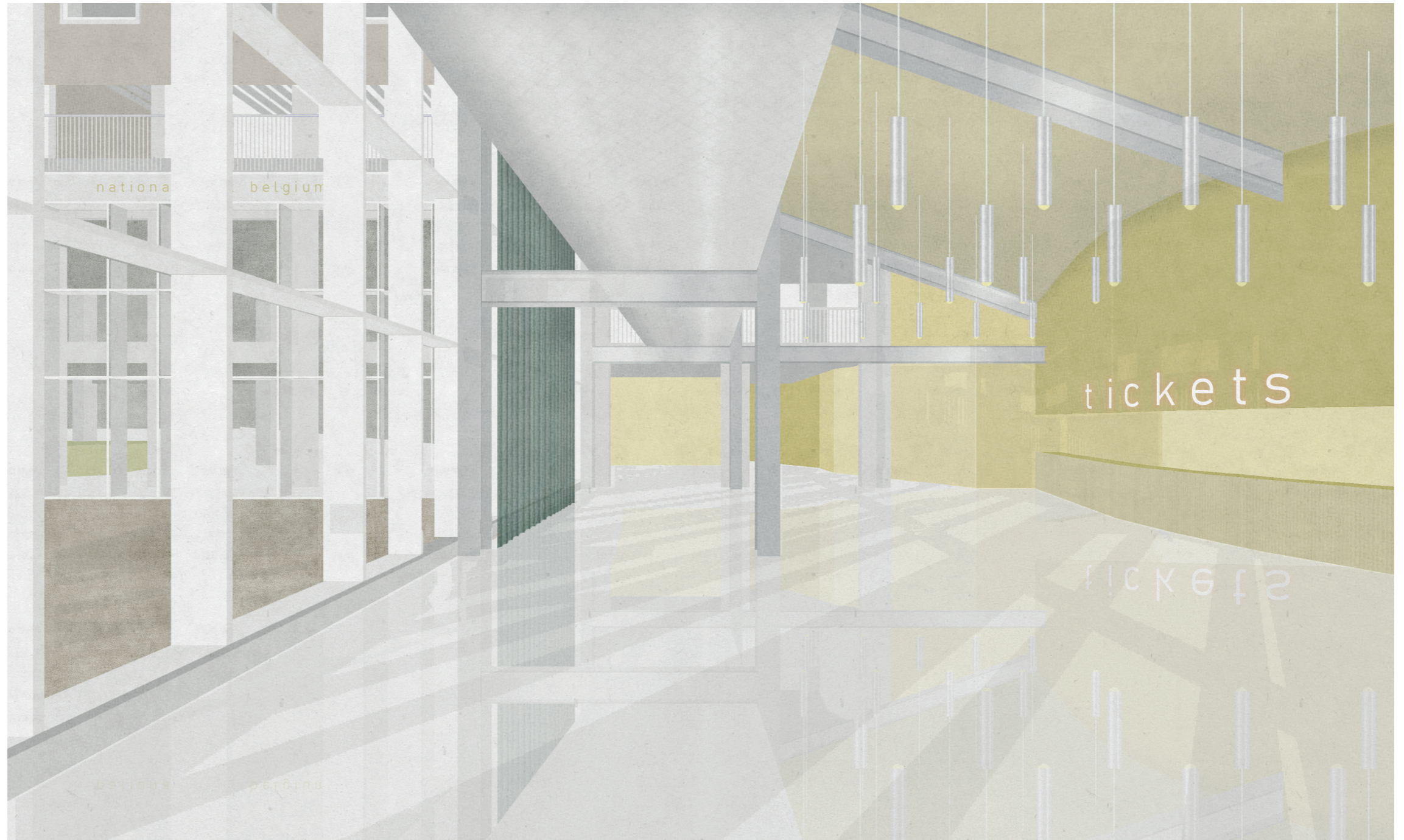
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National Bank Belgium
Brussels





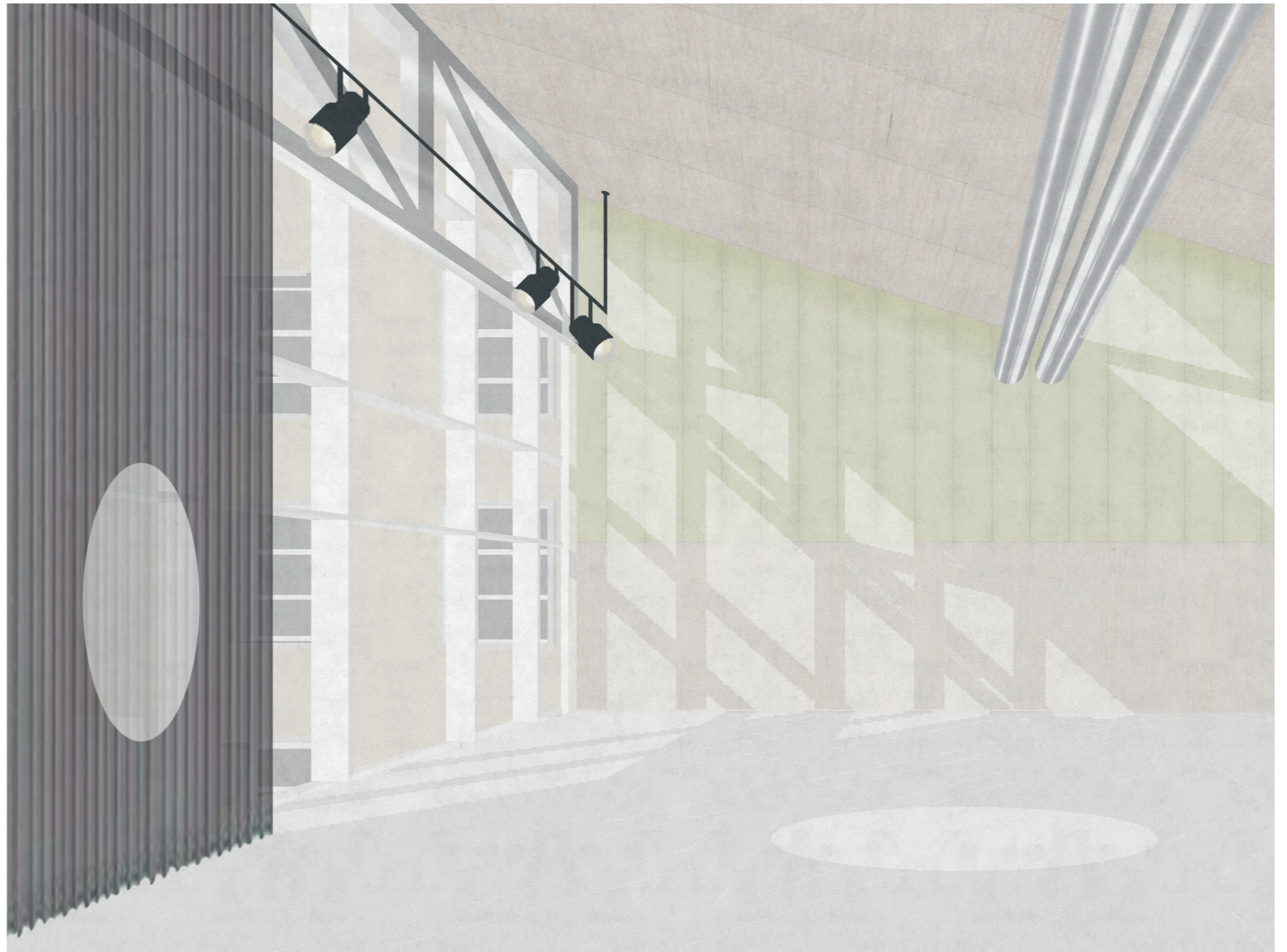
View theatre

1st floor
National Bank Belgium
Brussels



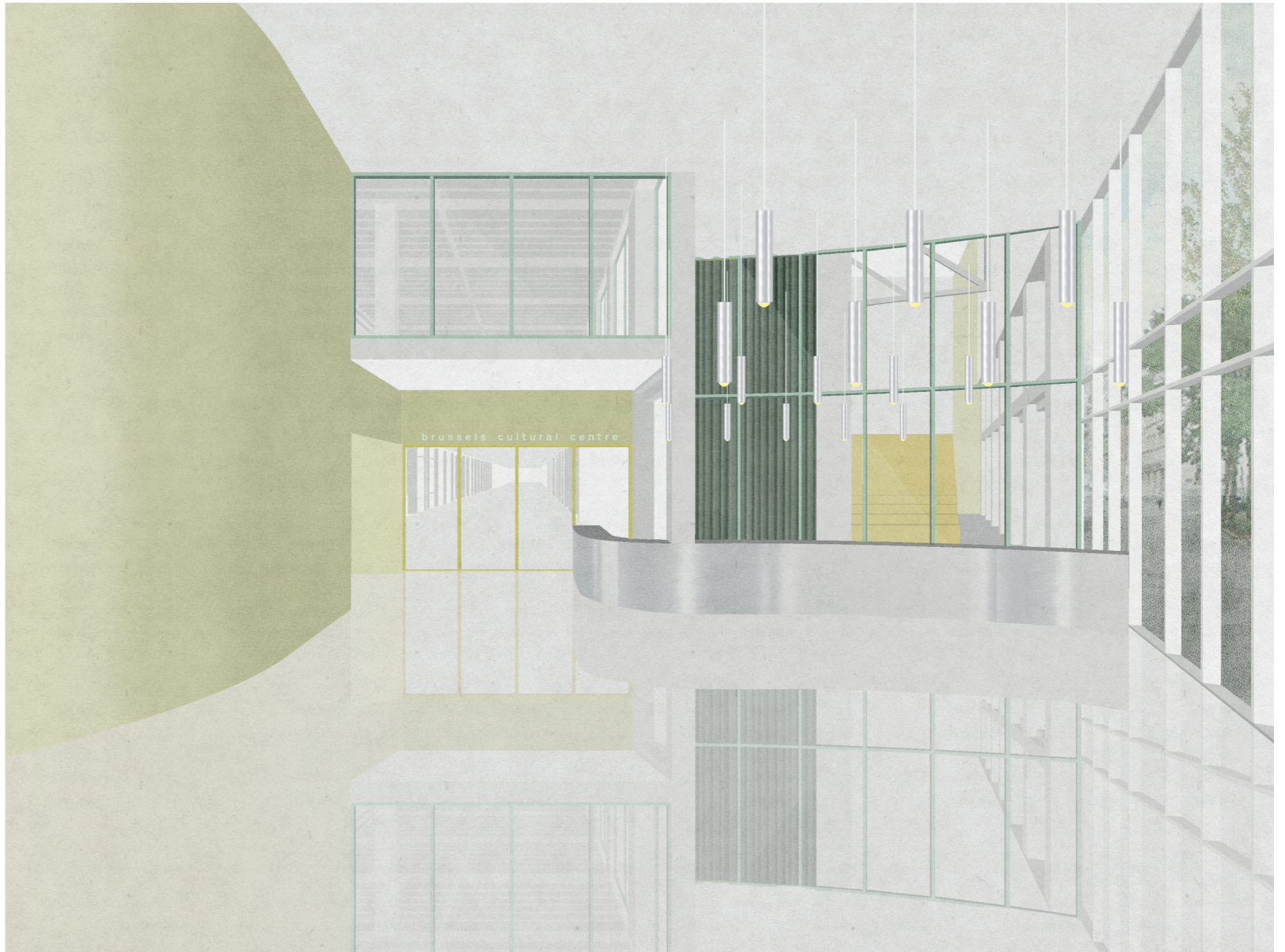
View lobby

Ground floor
National Bank Belgium
Brussels



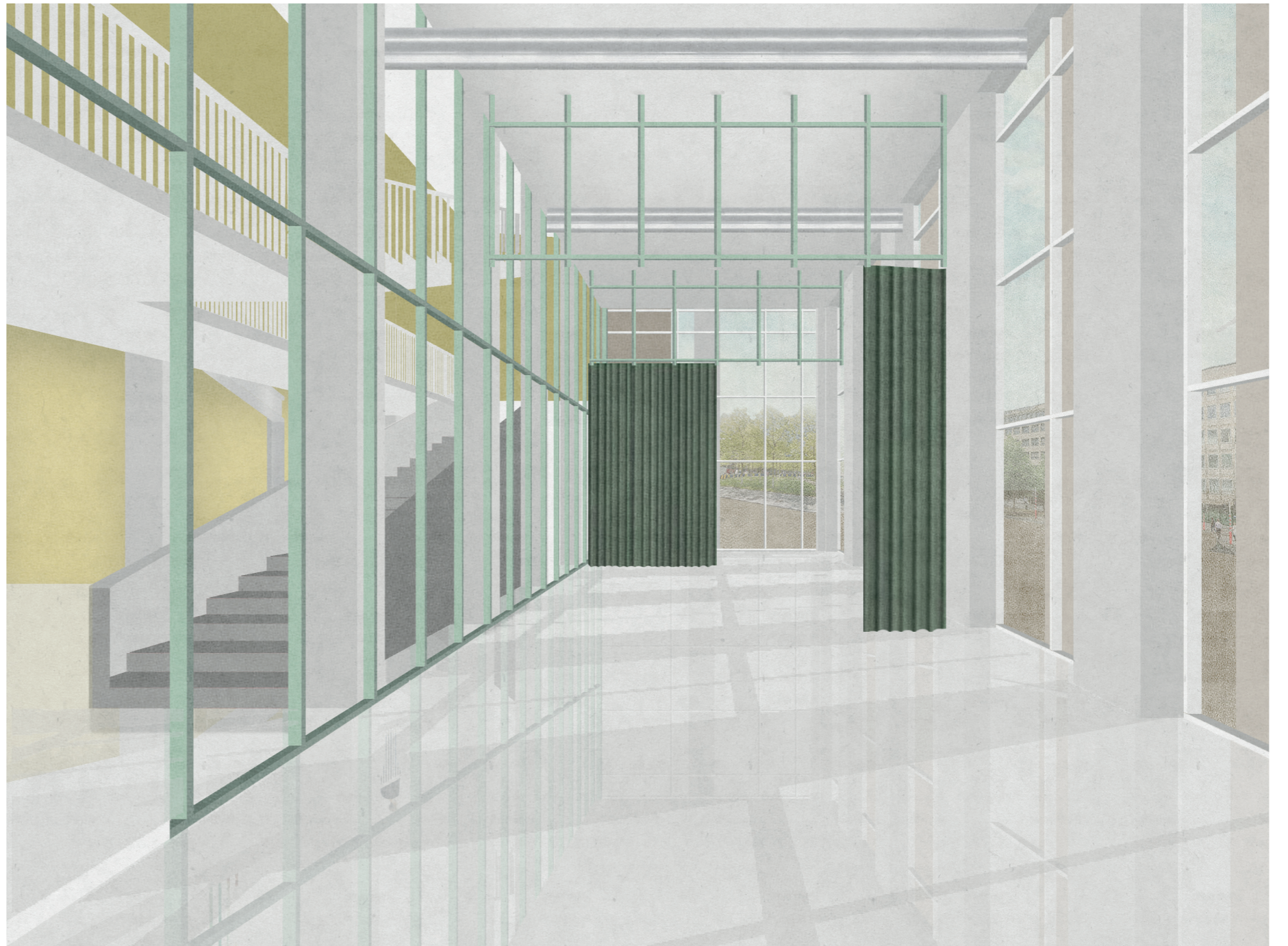
View performance space

3rd floor
National Bank Belgium
Brussels



View new entrance

Mezzanine floor
National Bank Belgium
Brussels



View public room

Ground floor
National Bank Belgium



Front elevation

Impression Boulevard de Berlaimont
A collage of the new entrance



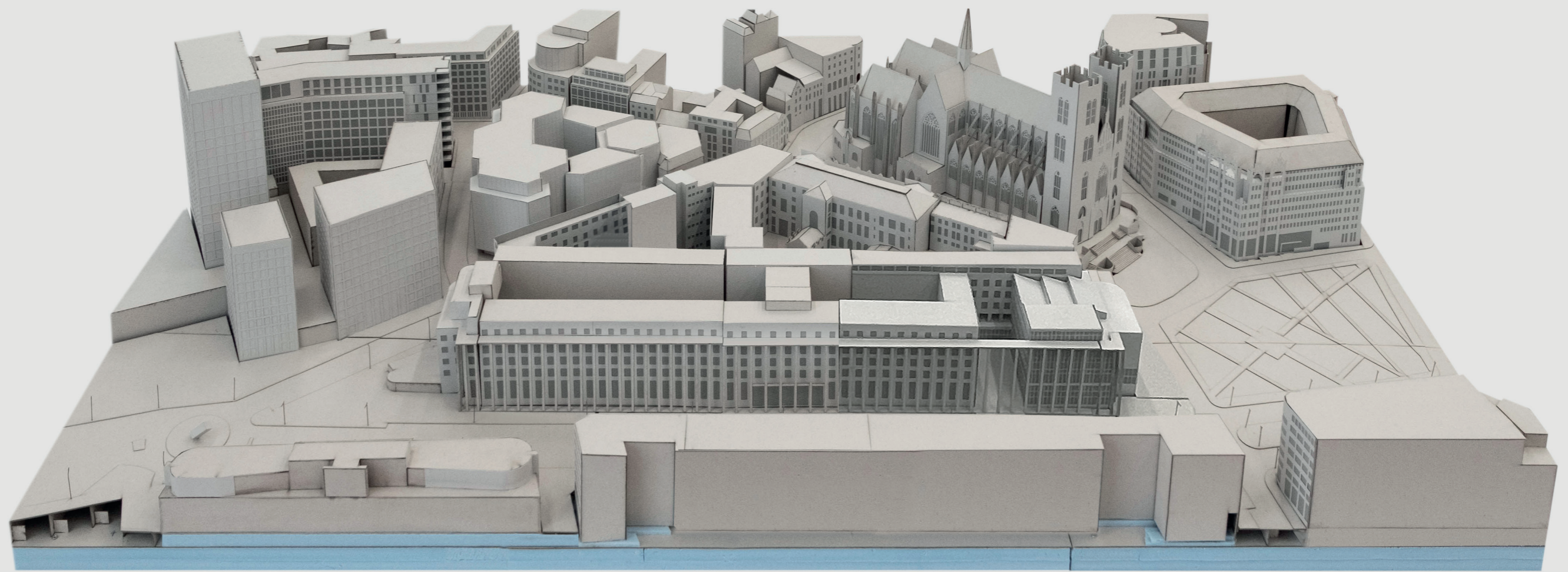
Elevation view

The new face
National Bank Belgium
Brussels



Social Plinth

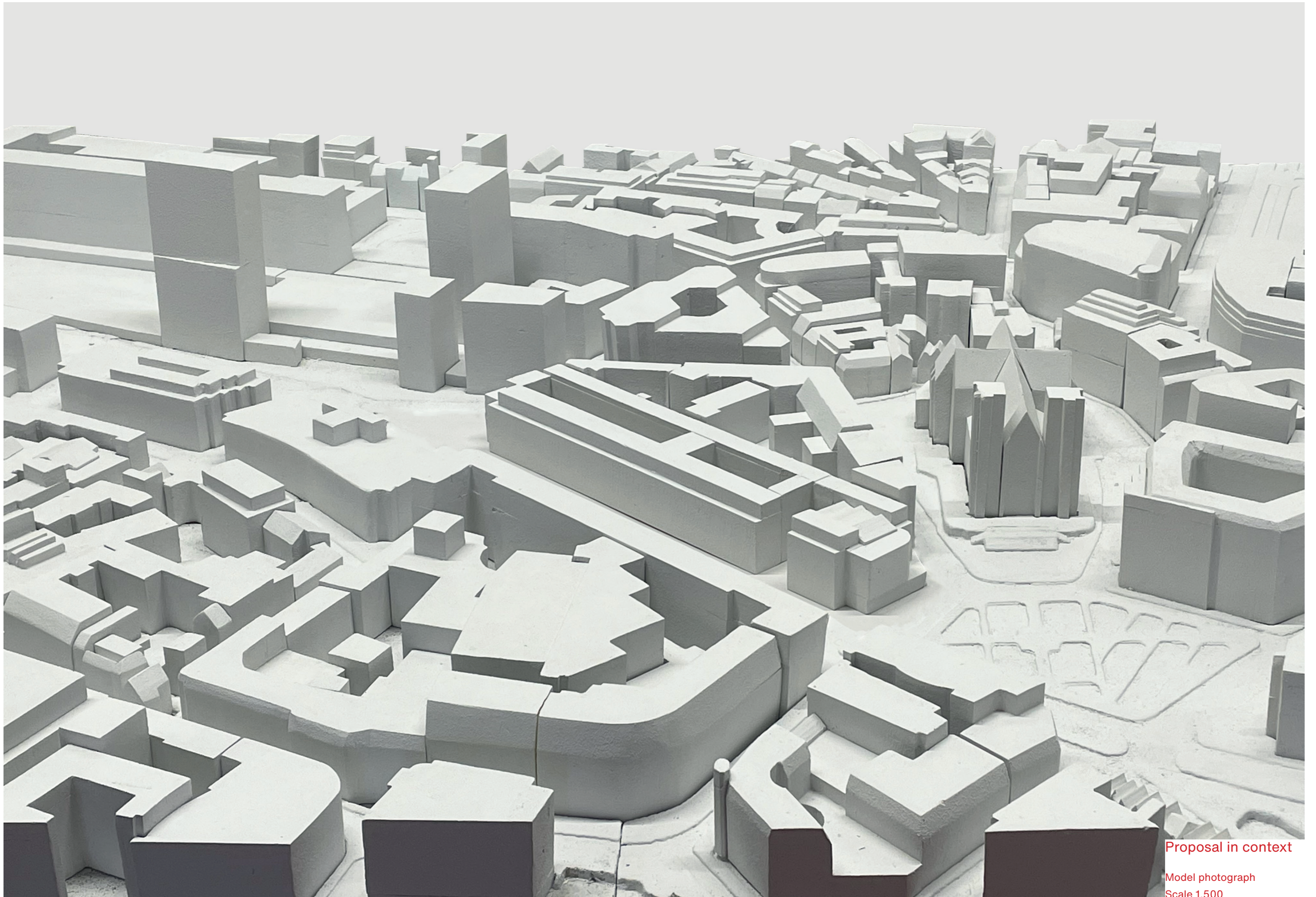
City Rooms
Model photograph
Scale 1.33



Proposal in context

Model photograph

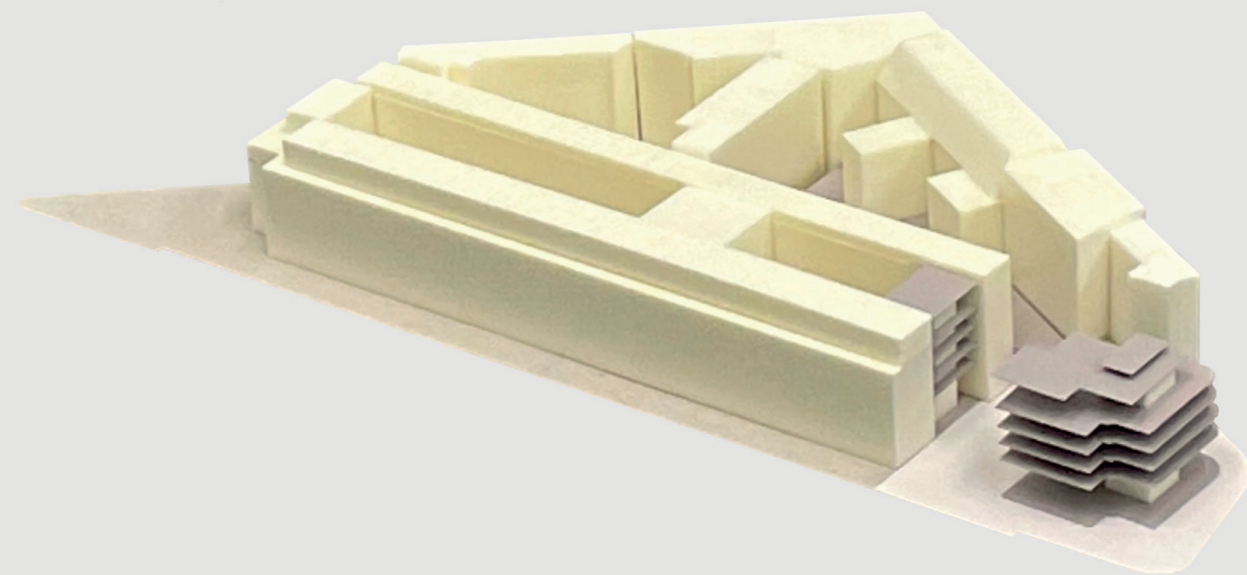
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Proposal in context

Model photograph

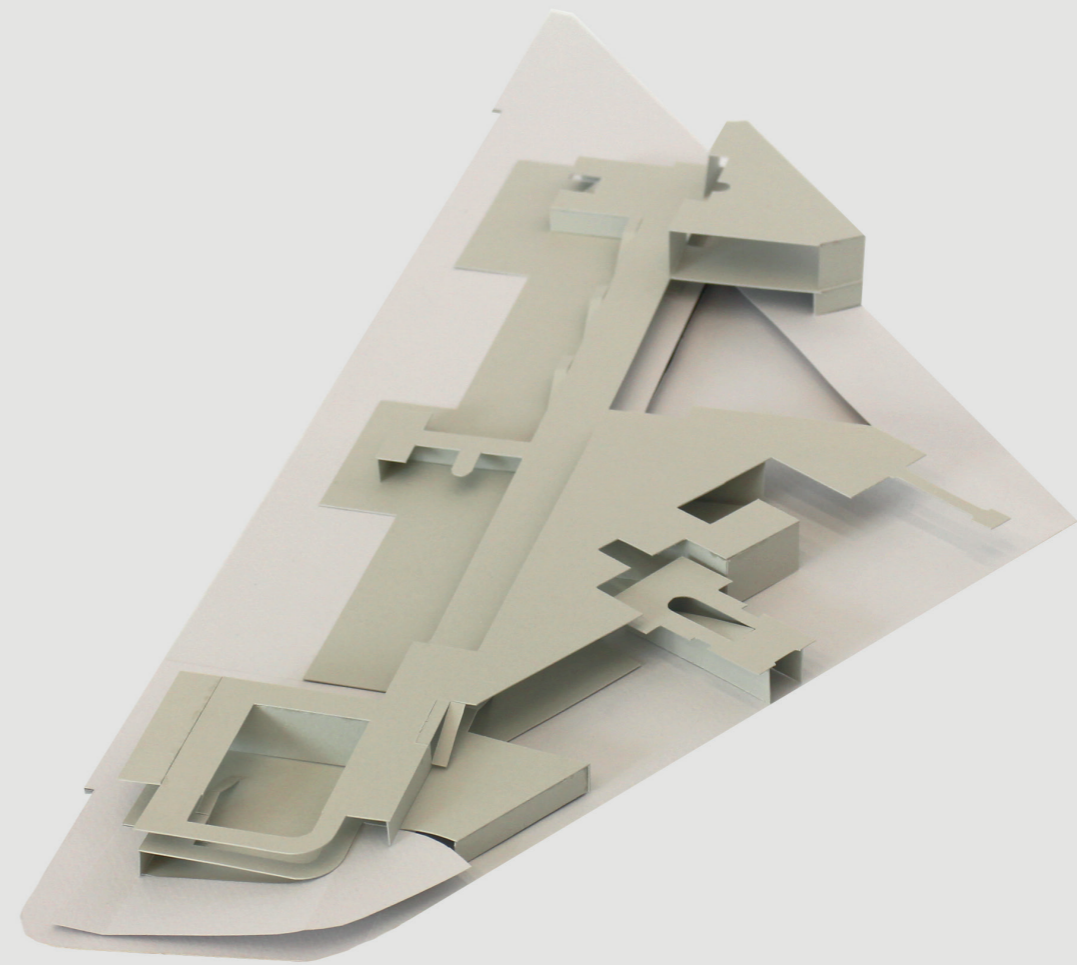
Scale 1.500



Building as an object

Model photograph

Scale 1.500



Public space

Public space through the building
Model photograph
Scale 1.500