

P5 PRESENTATION

The future bank:

Designing the intermediary space

Robin Weishaupt

4466314

MSc3/4 Interiors Buildings Cities

TU Delft

Mentors:

Sam De Vocht

Matthijs Klooster

Jurjen Zeinstra

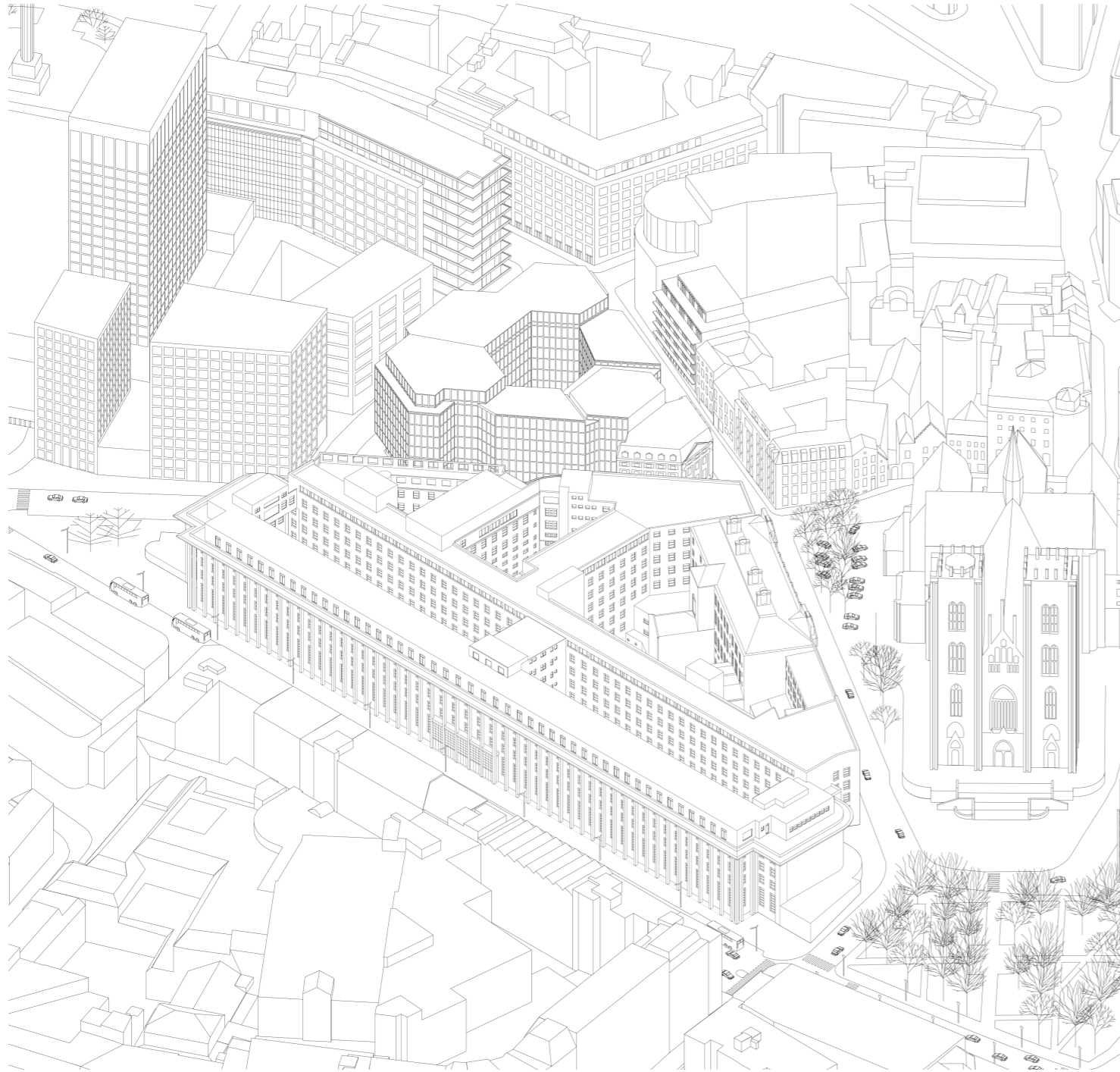
Sereh Mendias

Daniel Rosbottom

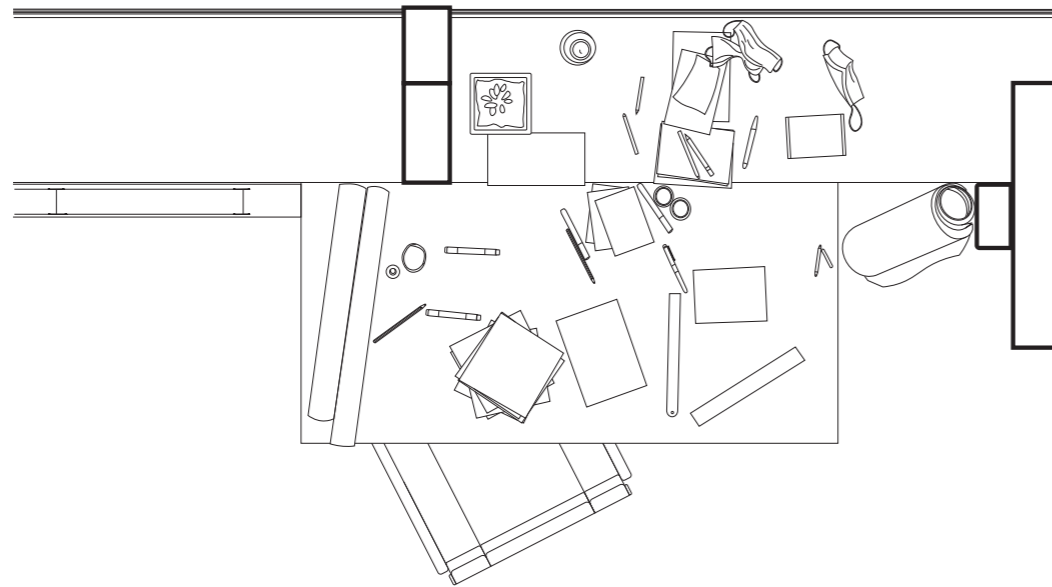
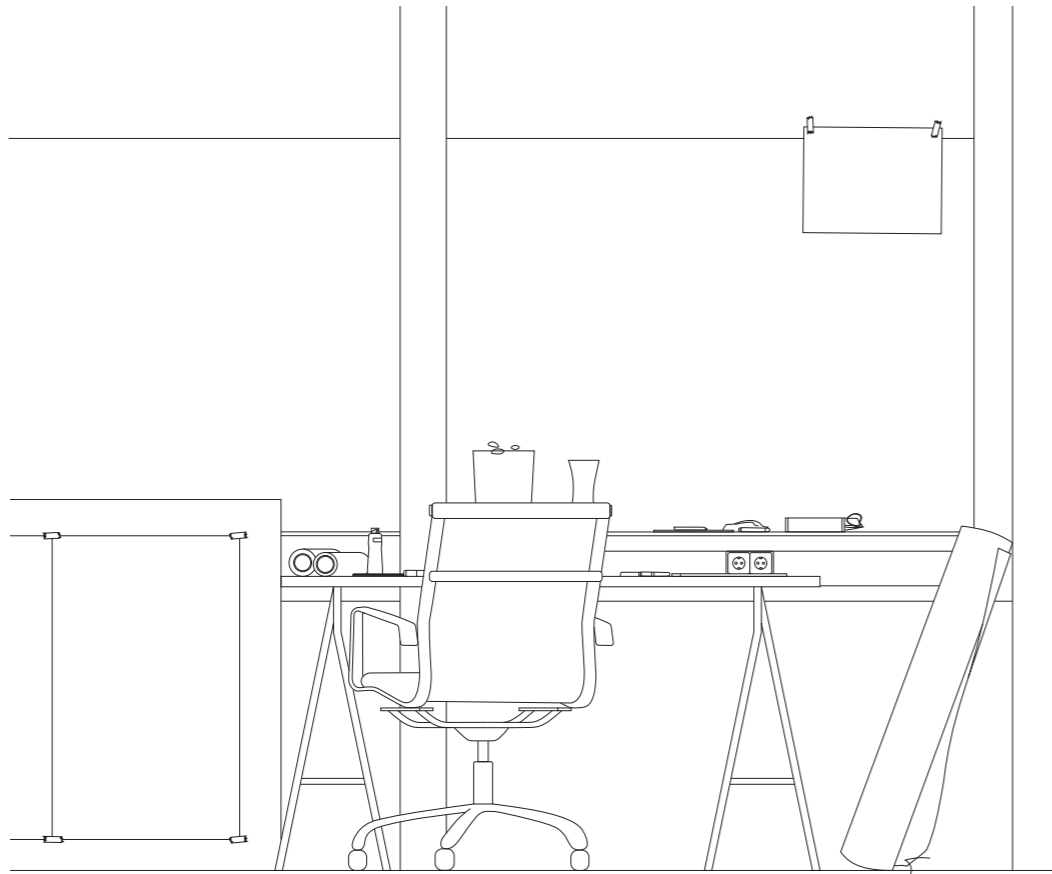
Mark Pimlot

Susanne Pietsch

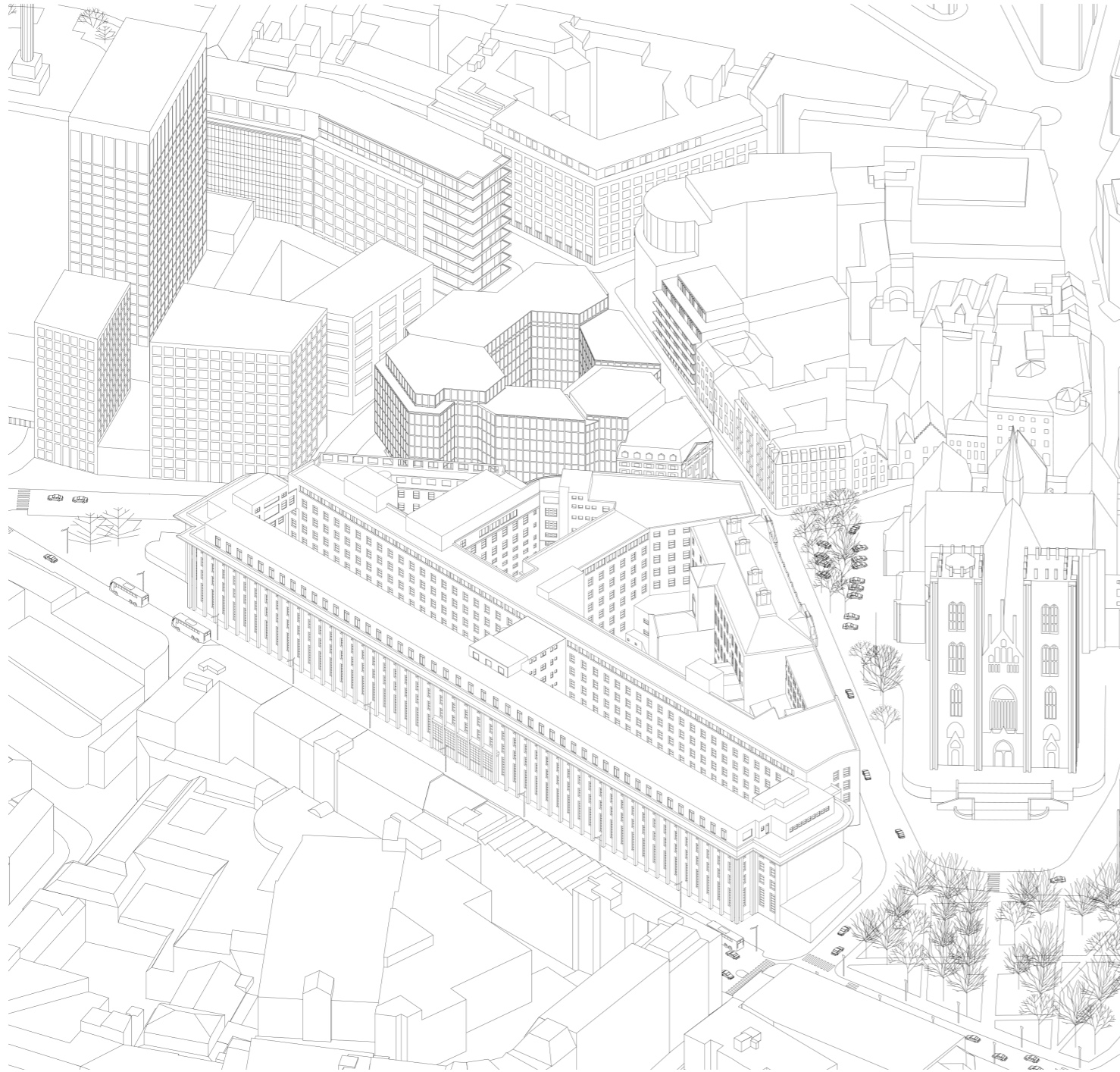
THE NATIONAL BANK OF BELGIUM



DESK



THE NATIONAL BANK OF BELGIUM

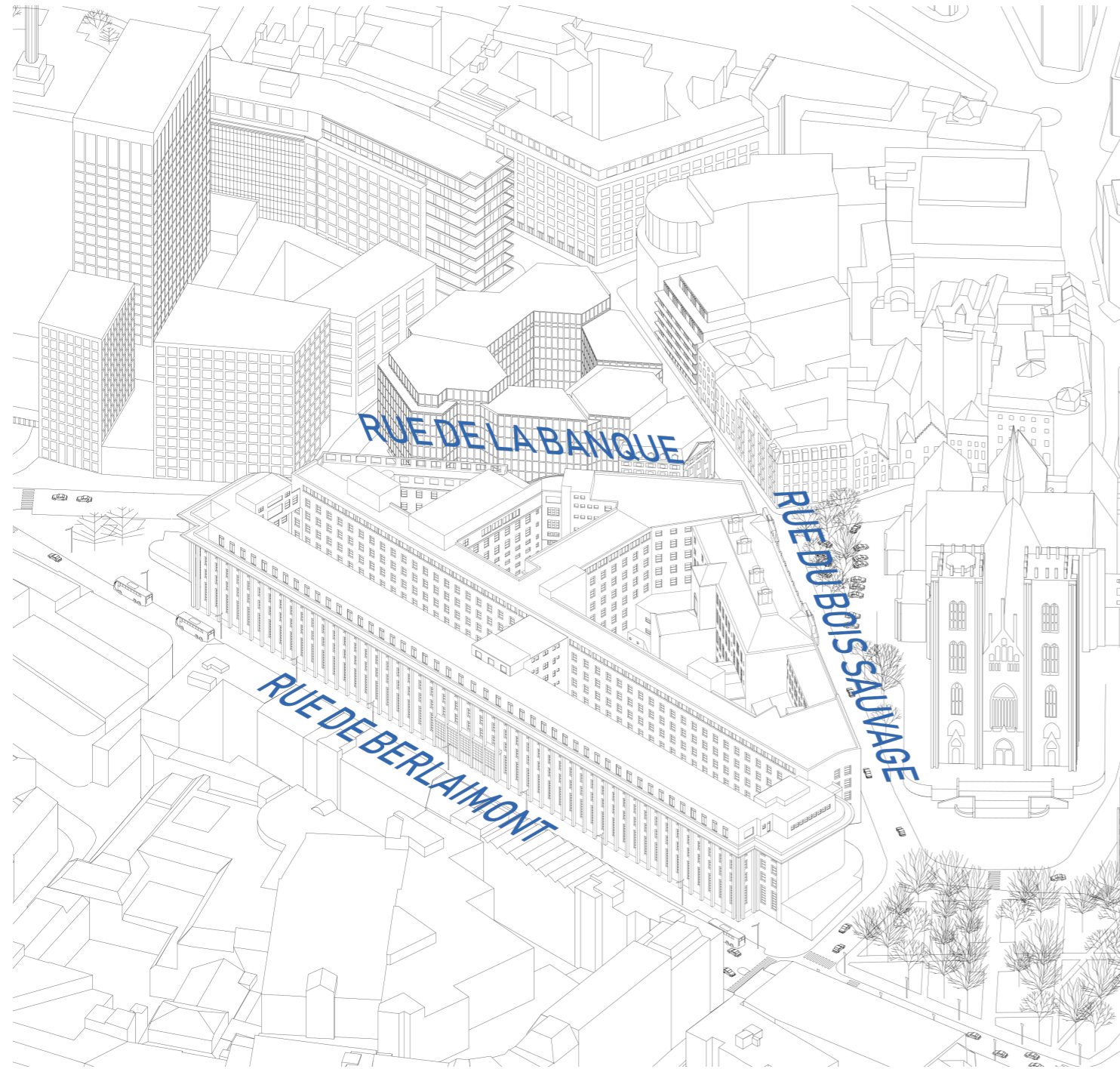


THE NATIONAL BANK OF BELGIUM

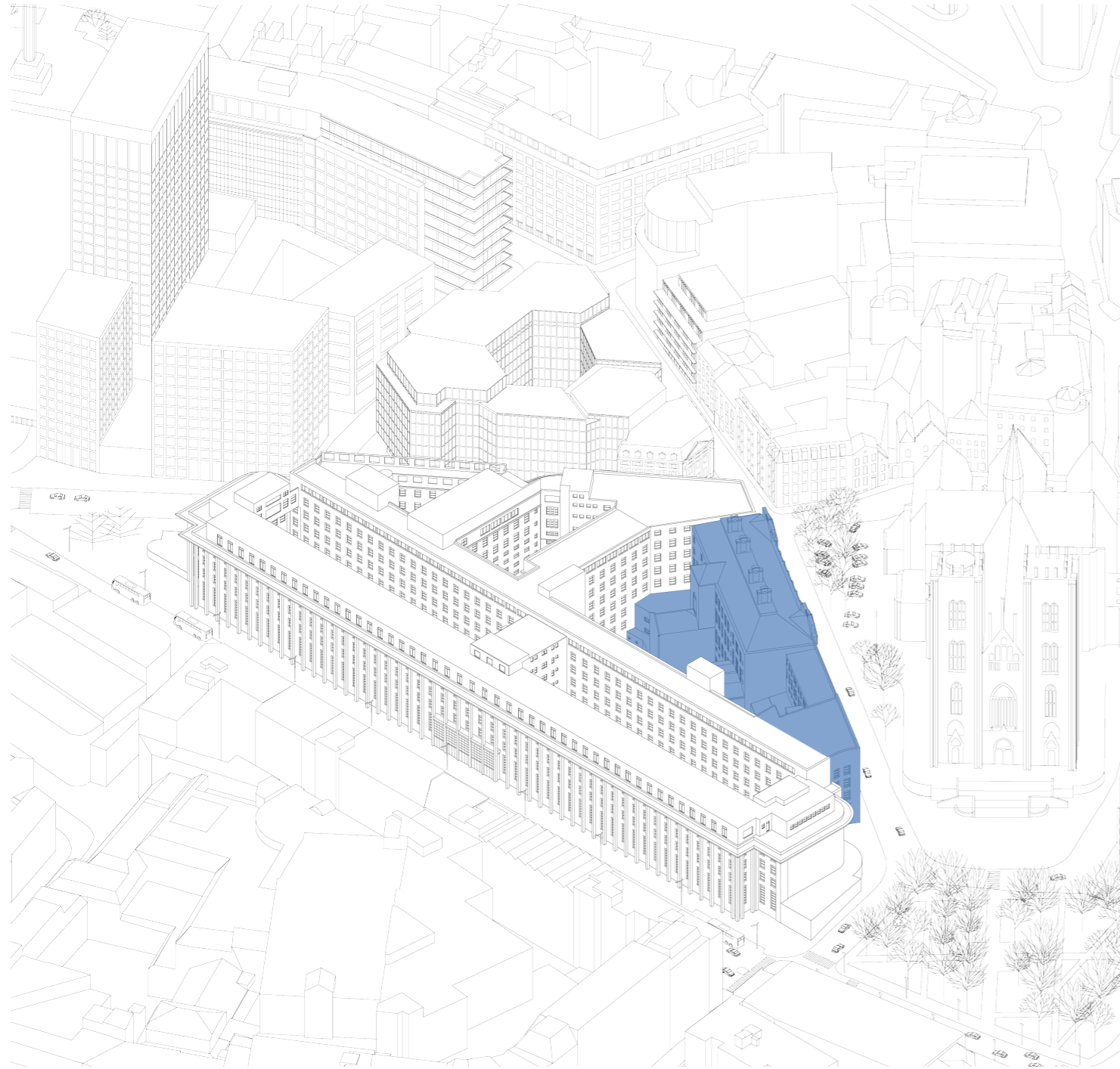


9000 square meters of surface area - 1900 bank employees

THE NATIONAL BANK OF BELGIUM



DISTINCTIVE BUILDING PARTS OF NBB



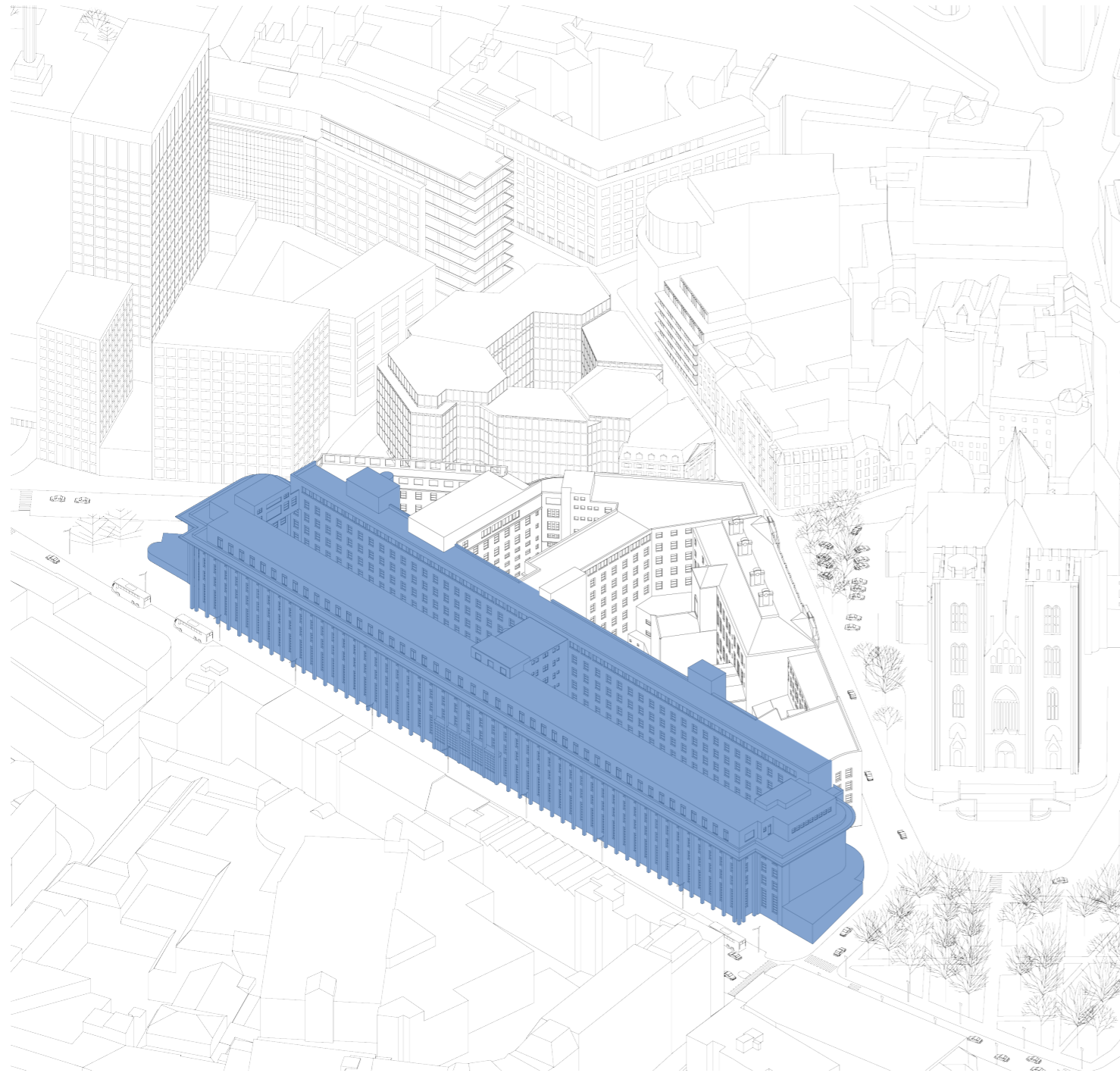
Rue du Bois Sauvage: The Governor's Hotel and extensions (1860 - 1904), Baeyert & De Rycke.

DISTINCTIVE BUILDING PARTS OF NBB



Rue du Bois Sauvage: The Governor's Hotel and extensions (1860 - 1904), Baeyert & De Rycke.

DISTINCTIVE BUILDING PARTS OF NBB



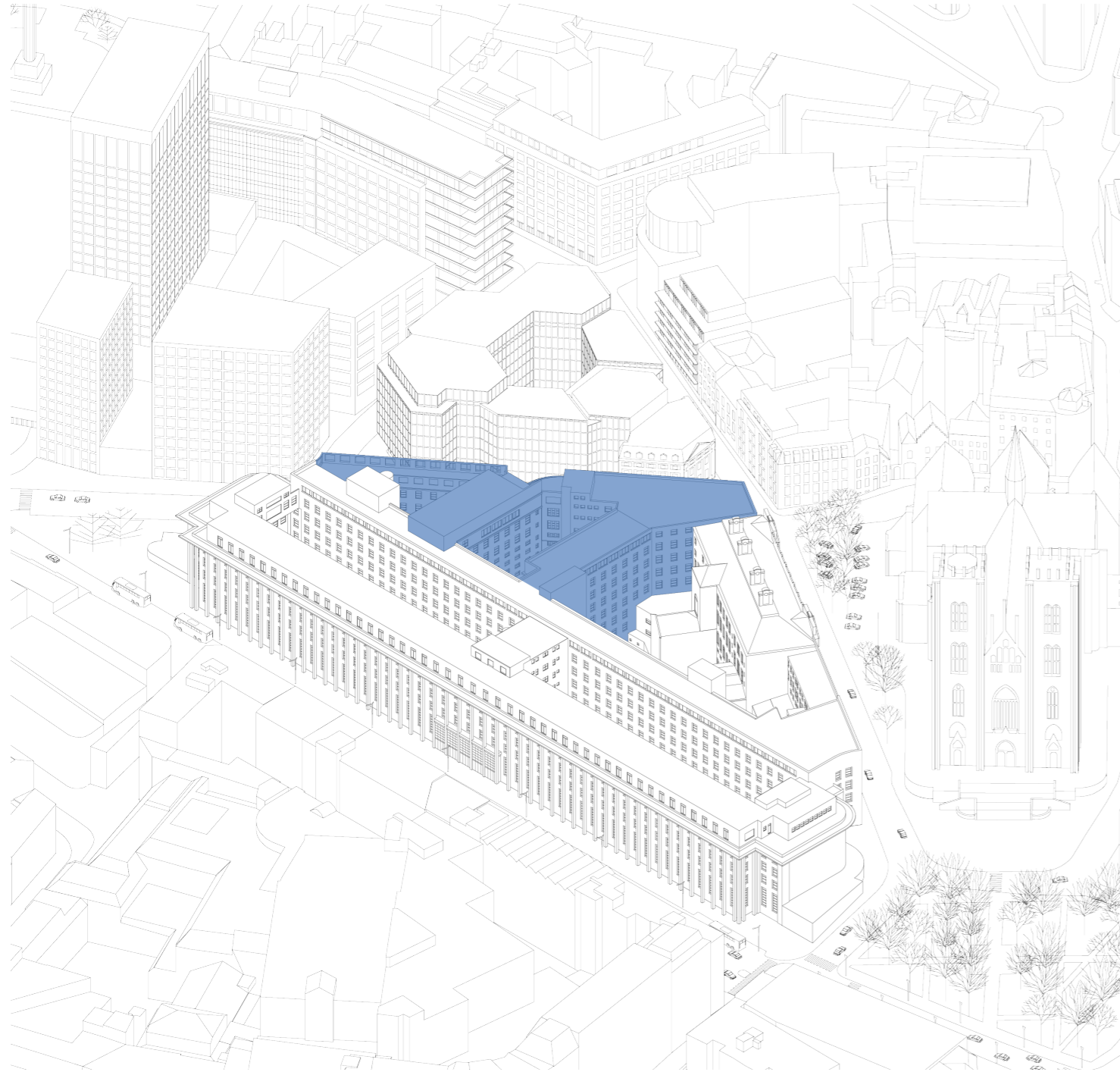
Rue de Berlaimont: Phase I-II A, Bloc I-XIV (1949-1953), Van Goethem.

DISTINCTIVE BUILDING PARTS OF NBB



Rue de Berlaimont: Phase I-II A, Bloc I-XIV (1949-1953), Van Goethem.

DISTINCTIVE BUILDING PARTS OF NBB



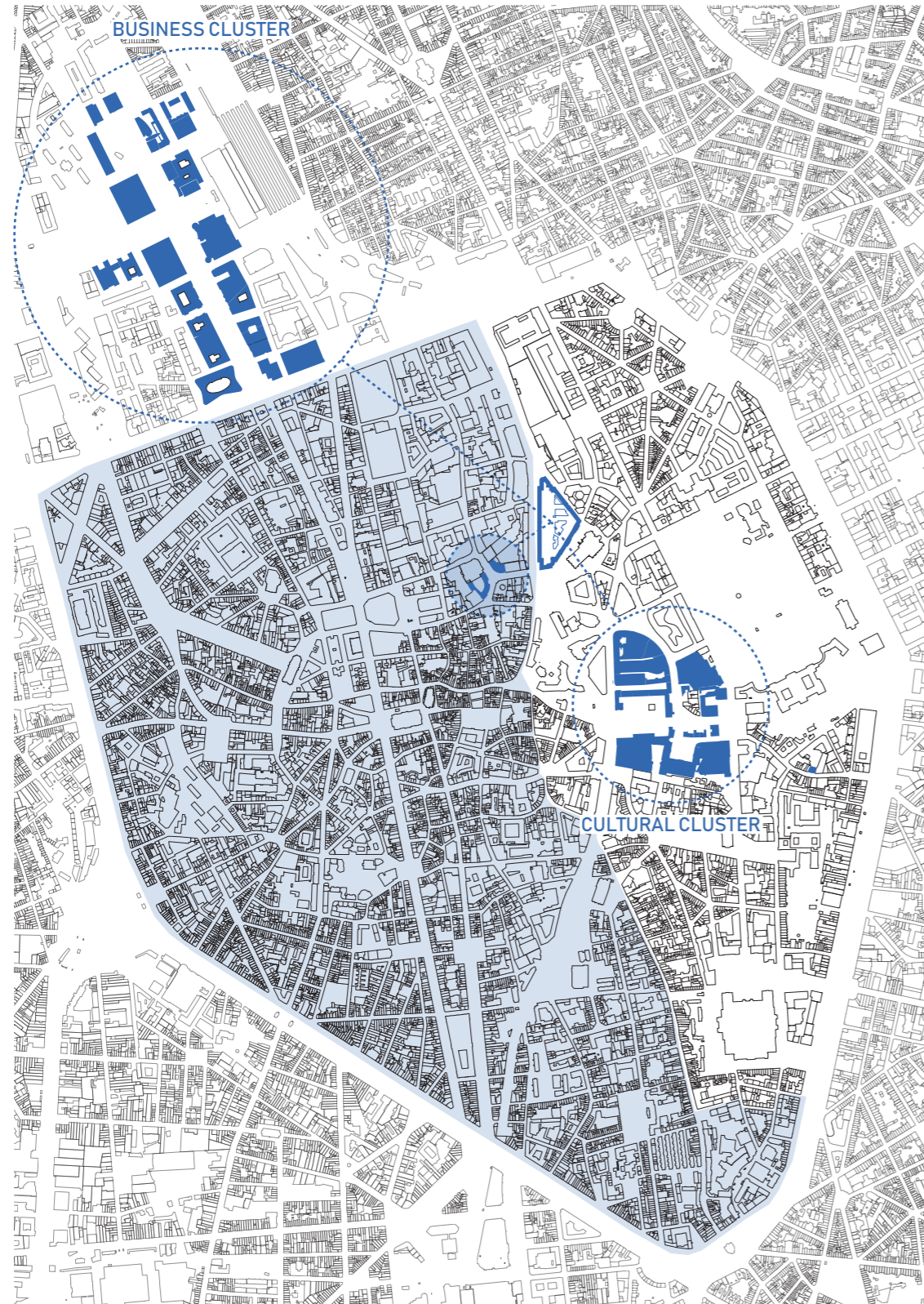
Rue de la Banque: Building Phase II B, Bloc XV-XVIII (1954-1963), Van Goethem & Le Pomme.

DISTINCTIVE BUILDING PARTS OF NBB



Rue de la Banque: Building Phase II B, Bloc XV-XVIII (1954-1963), Van Goethem & Le Pomme.

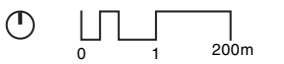
THE CENTRAL LOCATION OF NBB IN BRUSSELS



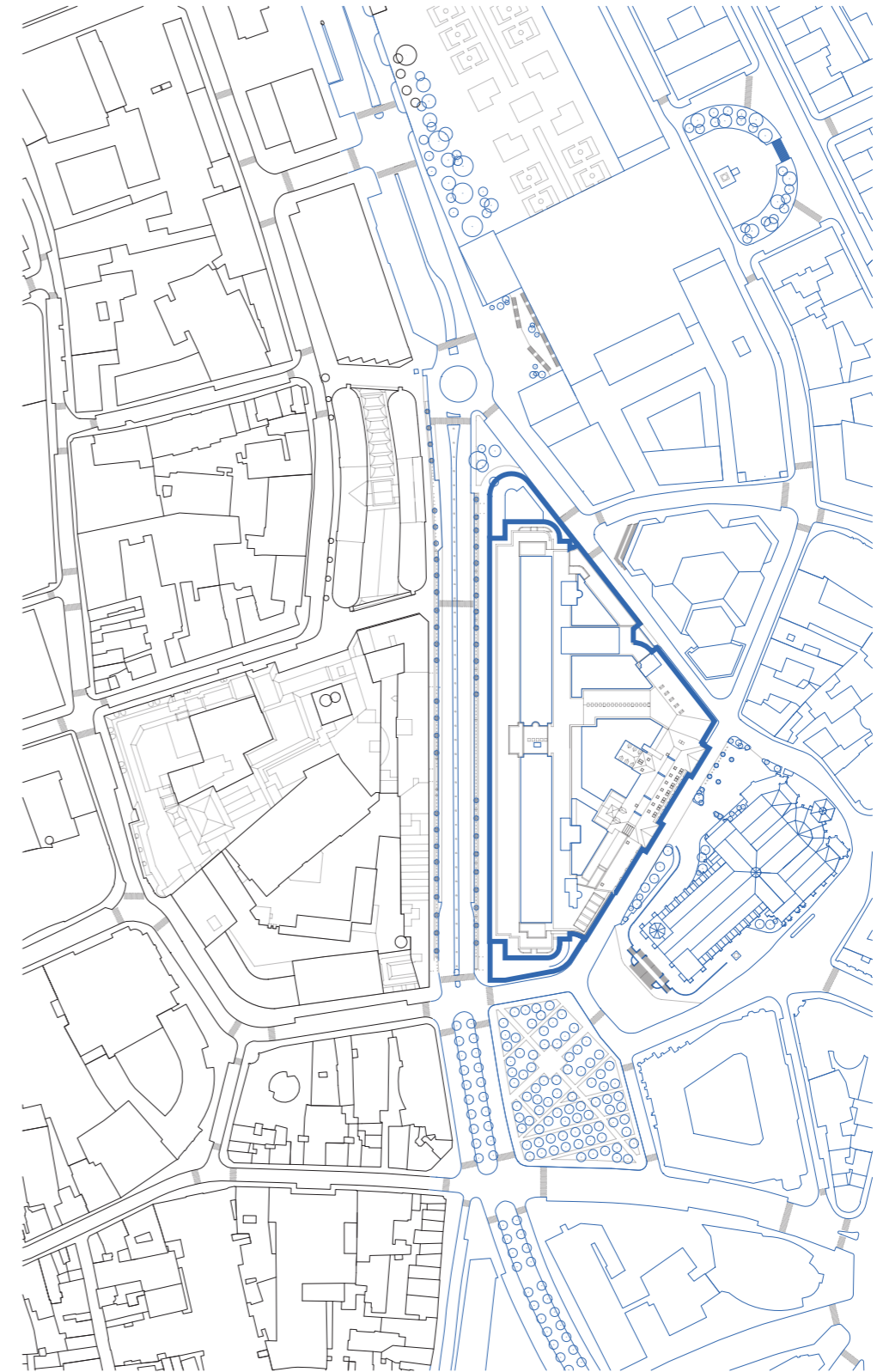
The business district (top of image) and the cultural district (middle right of image) within the city of Brussels.

CITY PLAN OF BRUSSELS

Scale 1:10000_a3
National Bank of Belgium
Brussels

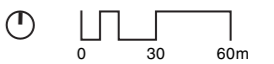


THE NBB'S DIRECT URBAN CONTEXT

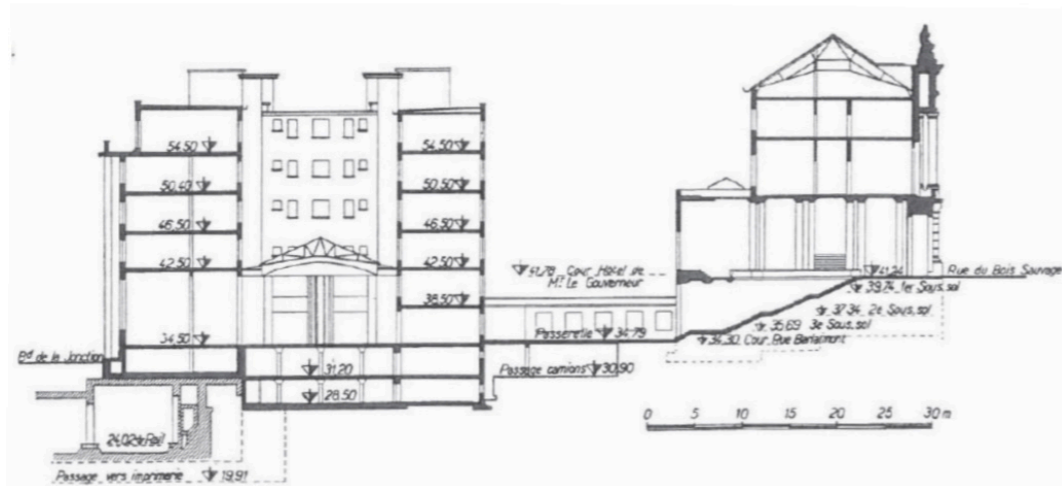
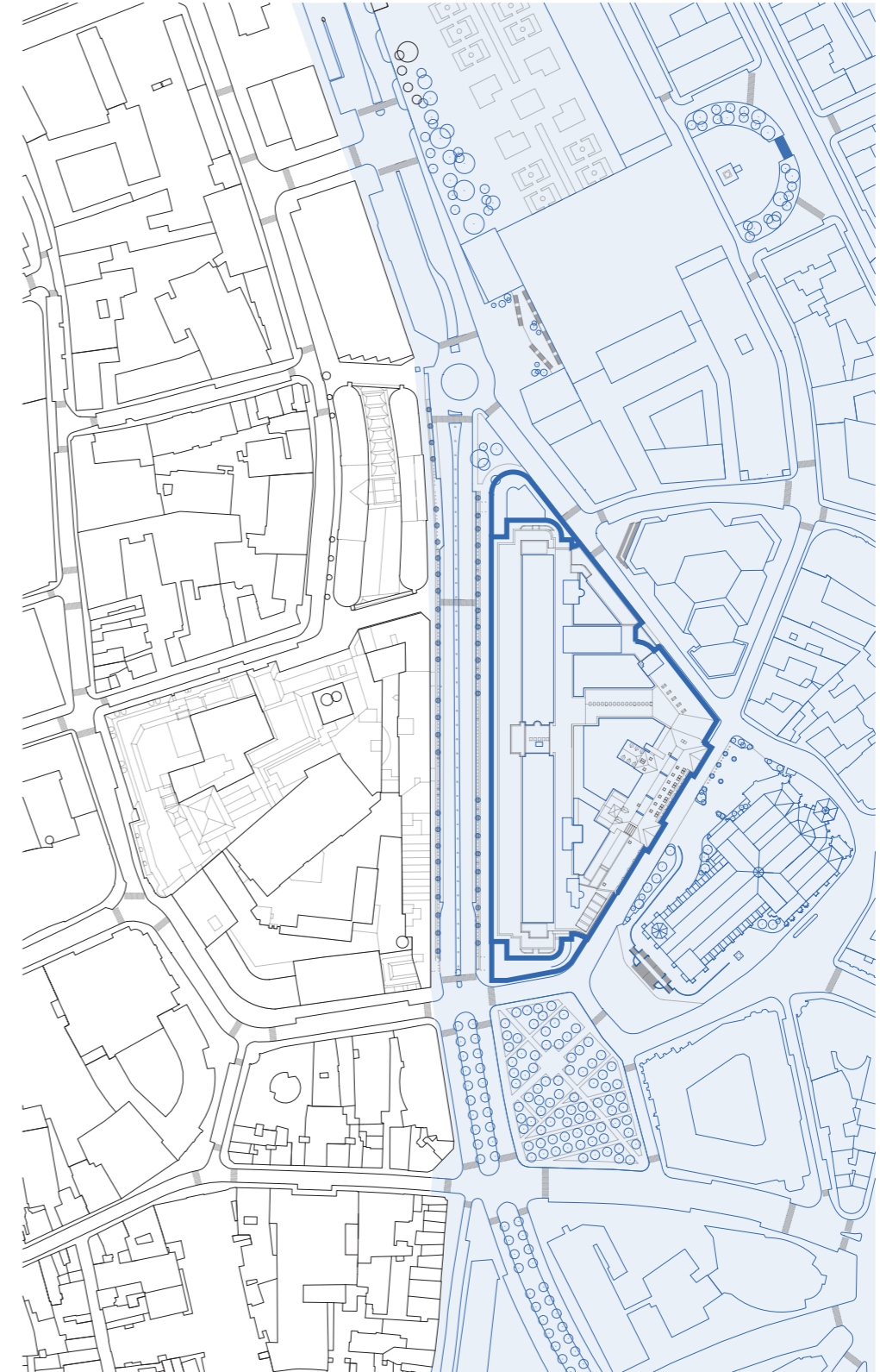
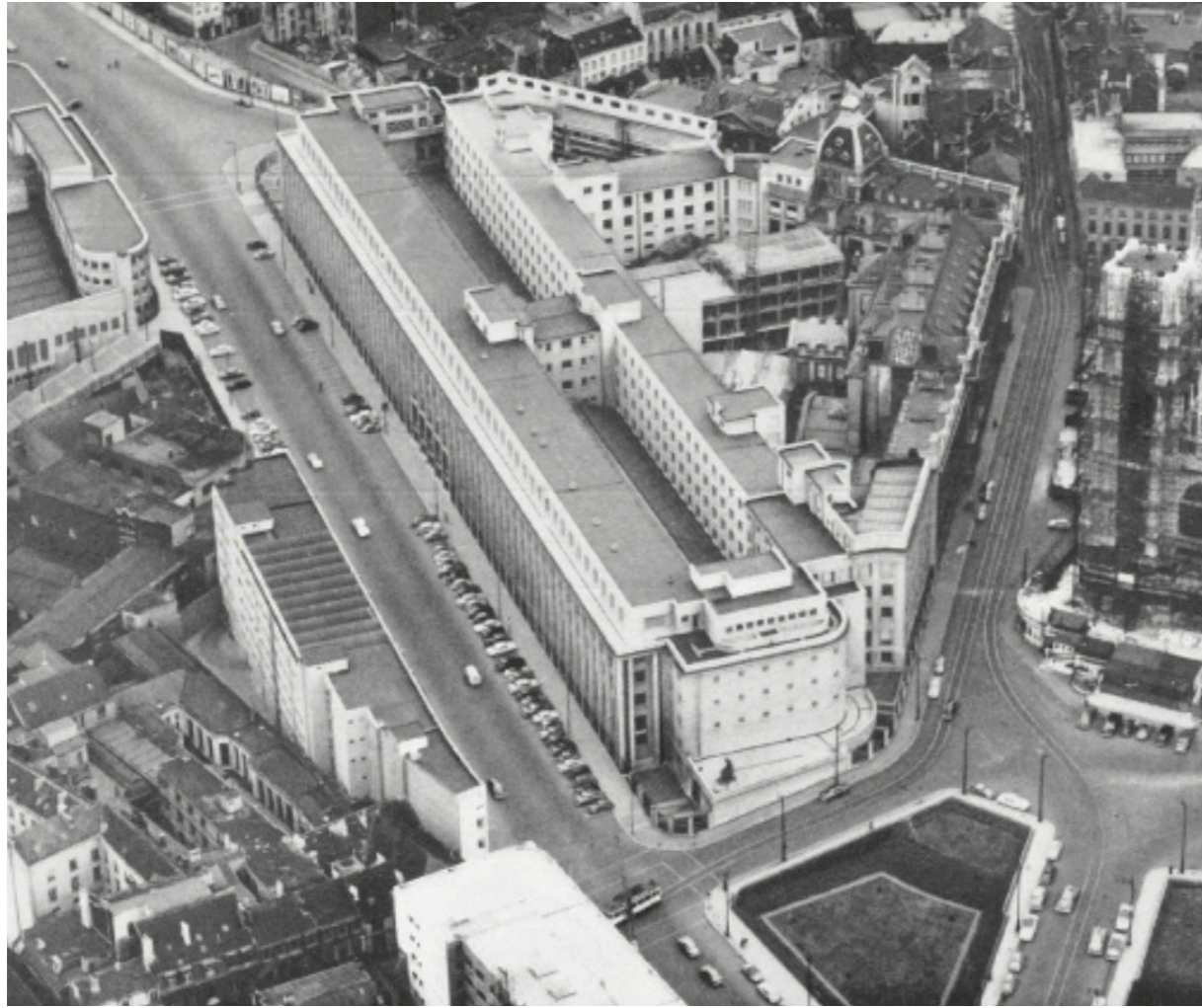


URBAN CONTEXT PLAN

Scale 1:3000_a3
National Bank of Belgium
Brussels



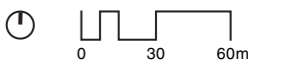
THE NBB'S DIRECT URBAN CONTEXT



The historic passage between the Governor's Hotel and the banking hall (top right) and the height difference in the direct urban surrounds (down right).

URBAN CONTEXT PLAN

Scale 1:3000_a3
National Bank of Belgium
Brussels



THE NBB'S DIRECT URBAN CONTEXT

Study with Brussels

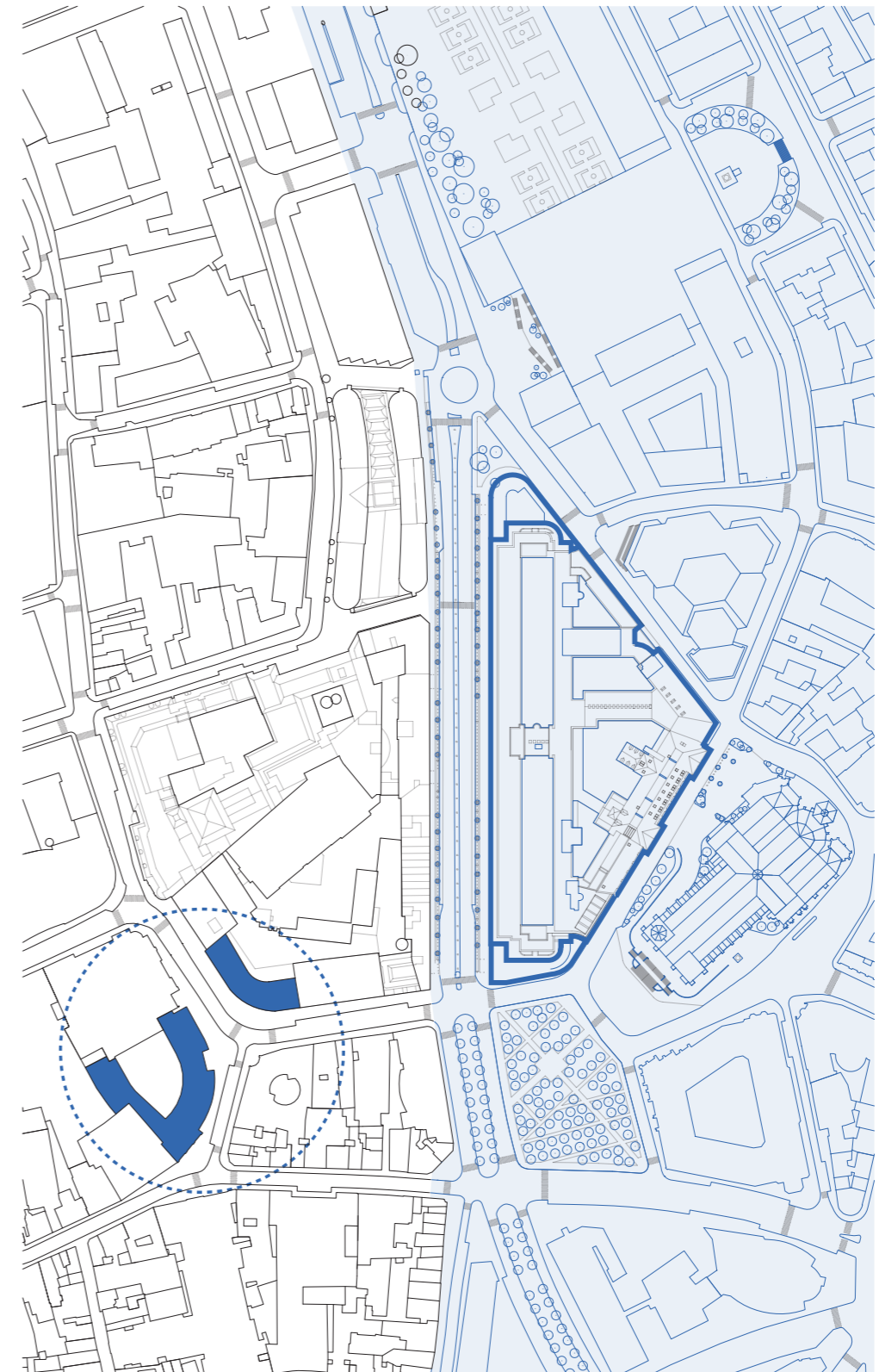
Our Brussels City Campus has several hubs in Brussels. The university community organizes regular classes, debates and symposia. The base is the centrally located space at **BOZAR**. The room has a capacity of 99 people and is available free of charge all year round. Through the Brussels City Campus both universities create new synergies with a variety of partners. Take a look at [our partners](#) or book the Brussels City Campus via [the registration form](#).



Higher education institutions are a major added value to the city. They are an important source of employment, they guarantee a continuous influx of young and new talent, they have scientific expertise that is crucial for the innovation and transformation of city and society.

The different actors, organizations and institutions in Brussels have a lot to offer each other. For a scientist or artist, the big city is a dream laboratory, an ideal learning place for students and a particularly interesting test bed for companies.

“By bringing together the next generation of citizens, groundbreaking researchers in various fields and a significant proportion of Brussels employees, our universities can and want to play a key role in the further development of the Brussels-Capital Region.” – Caroline Pauwels, rector VUB & Yvon Englert, rector ULB



URBAN CONTEXT PLAN

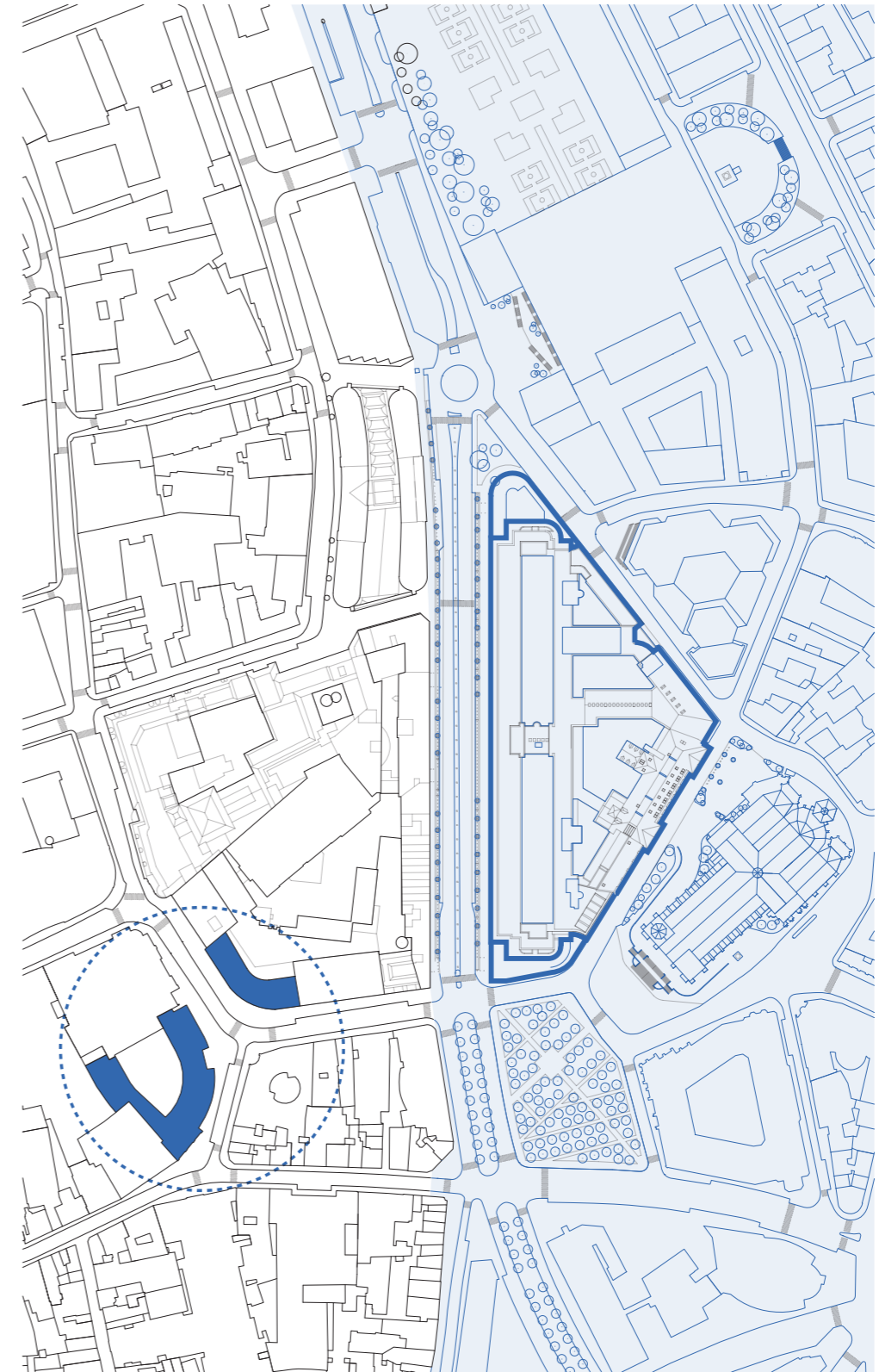
Scale 1:3000_a3
National Bank of Belgium
Brussels



OPPORTUNITIES FOR DEVELOPMENT IN URBAN CONTEXT

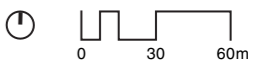
Institutional: Connect with the city of Brussel through facilitating educational functions

Urban: Respond to the 8 meter height difference in the urban context

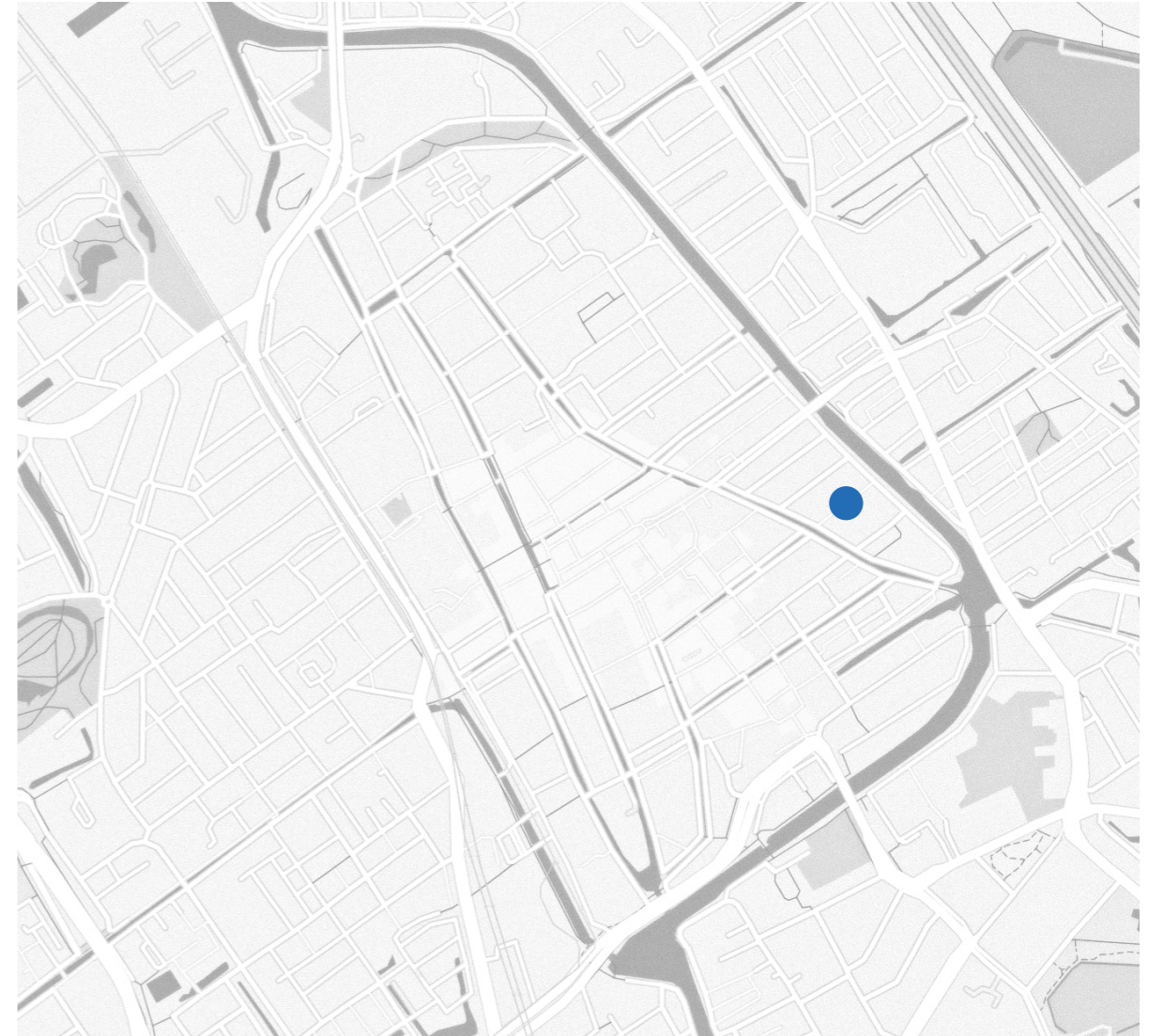


URBAN CONTEXT PLAN

Scale 1:3000_a3
National Bank of Belgium
Brussels

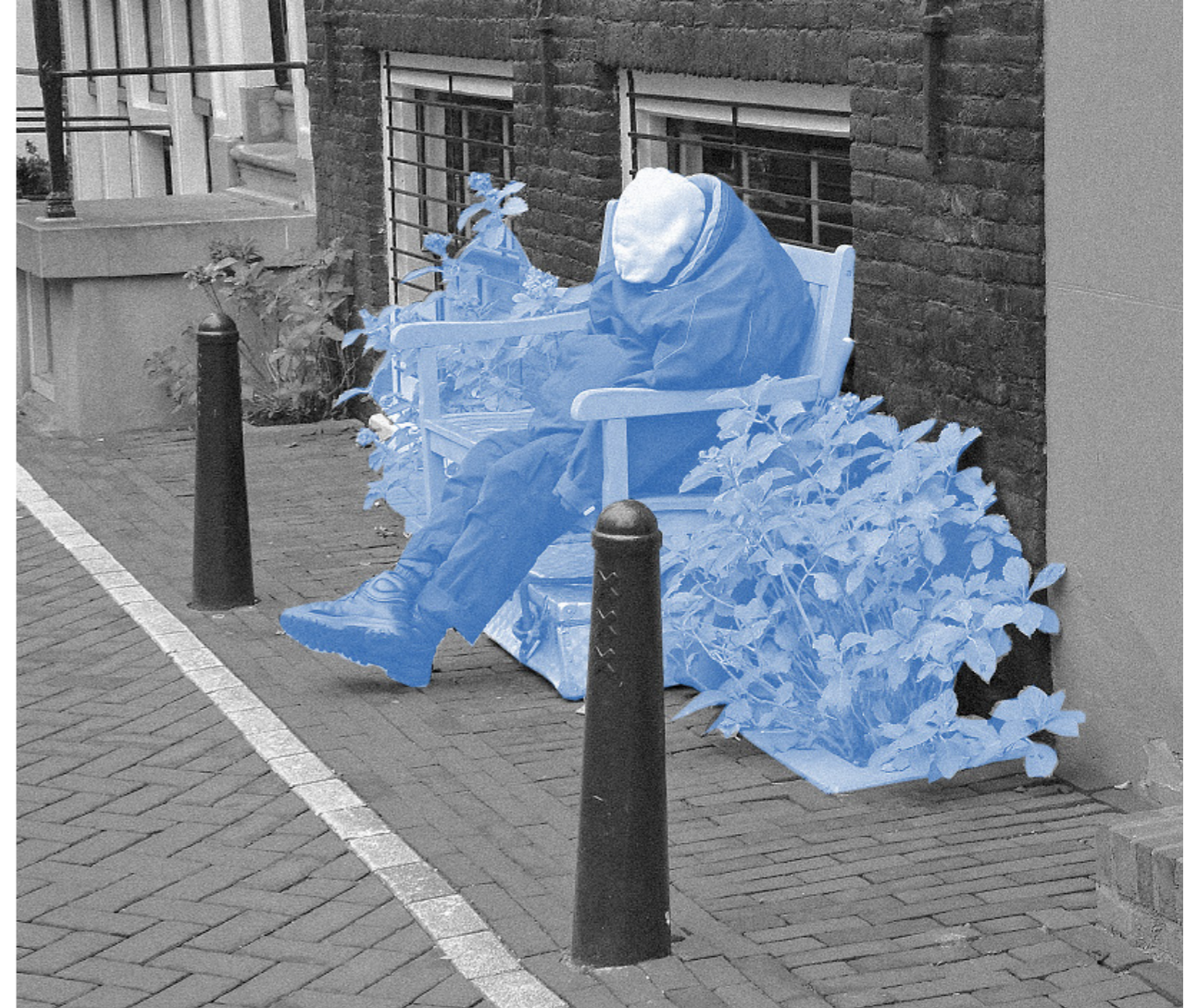


P1: AN APPROACH FOR THE PROJECT

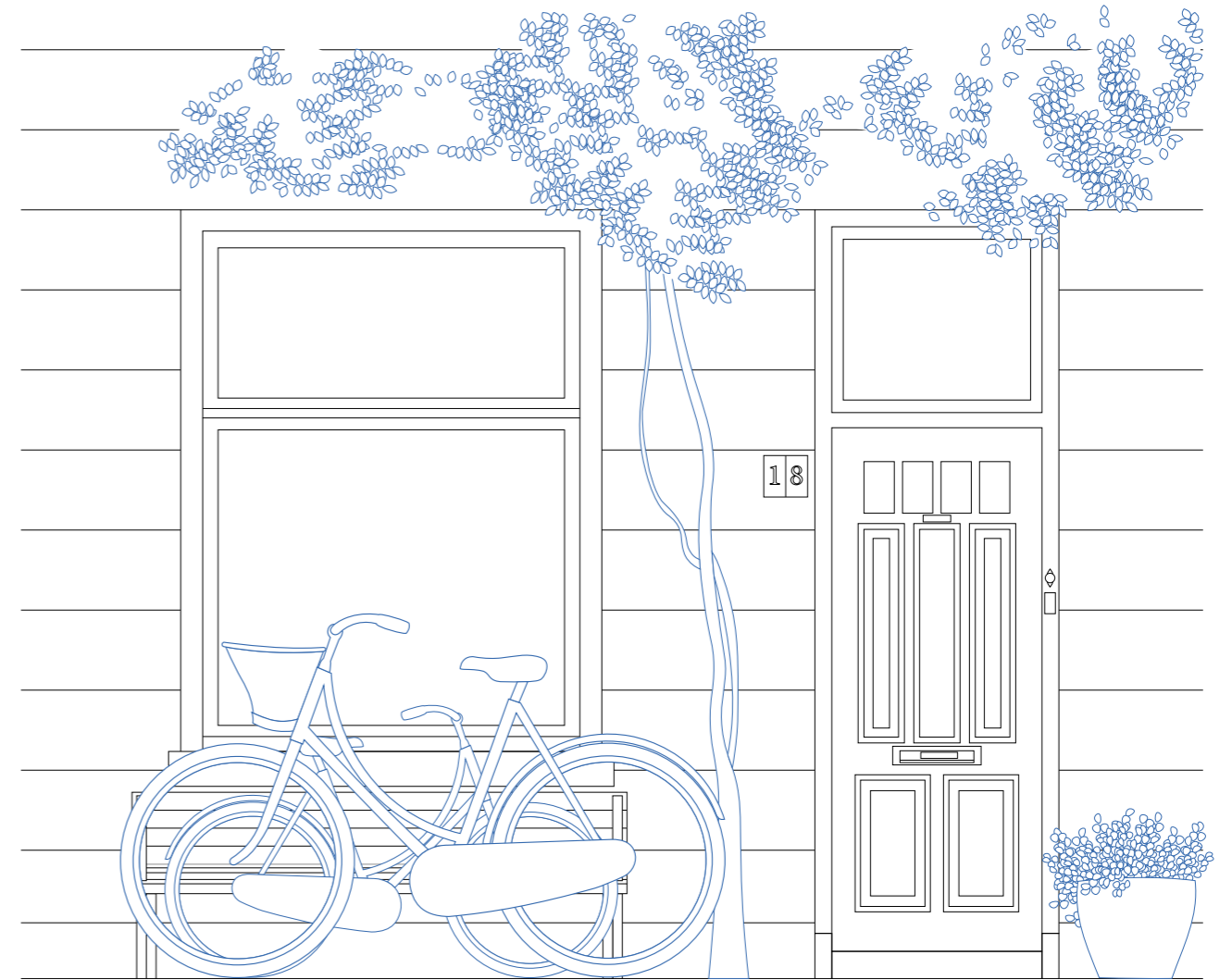


P1 the social plinth - analyzing the appropriation of public space in the Hopstraat in Delft.

APPROPRIATION OF PUBLIC SPACE



ANALYZING OBJECTS OF APPROPRIATION



Hopstraat 18 - one of the analyzed dwellings in the Hopstraat in Delft.

THE INTERMEDIARY SPACE



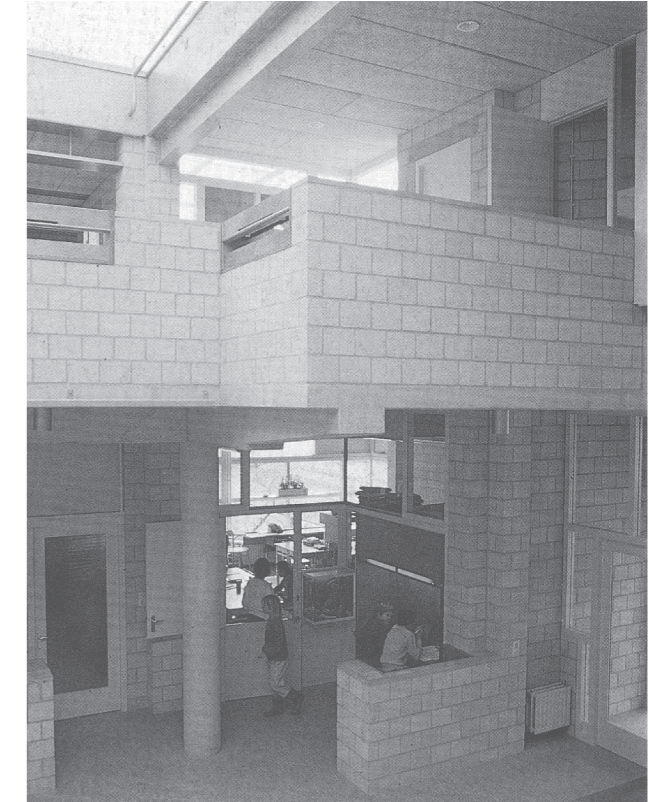
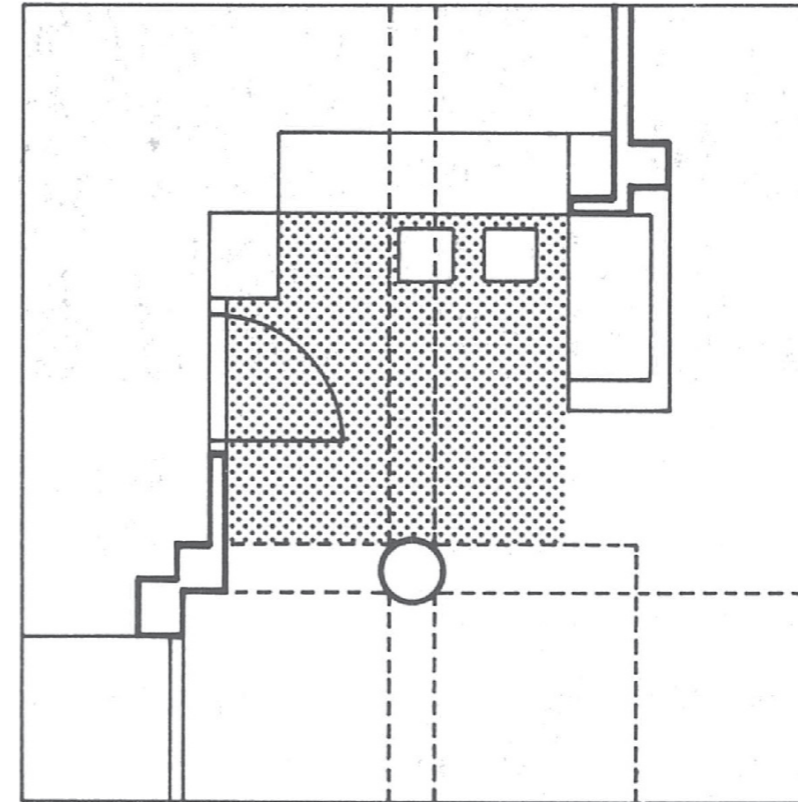
Applying the elements of appropriation to the monumental facade of the City Hall of Rotterdam.

THE INTERMEDIARY SPACE

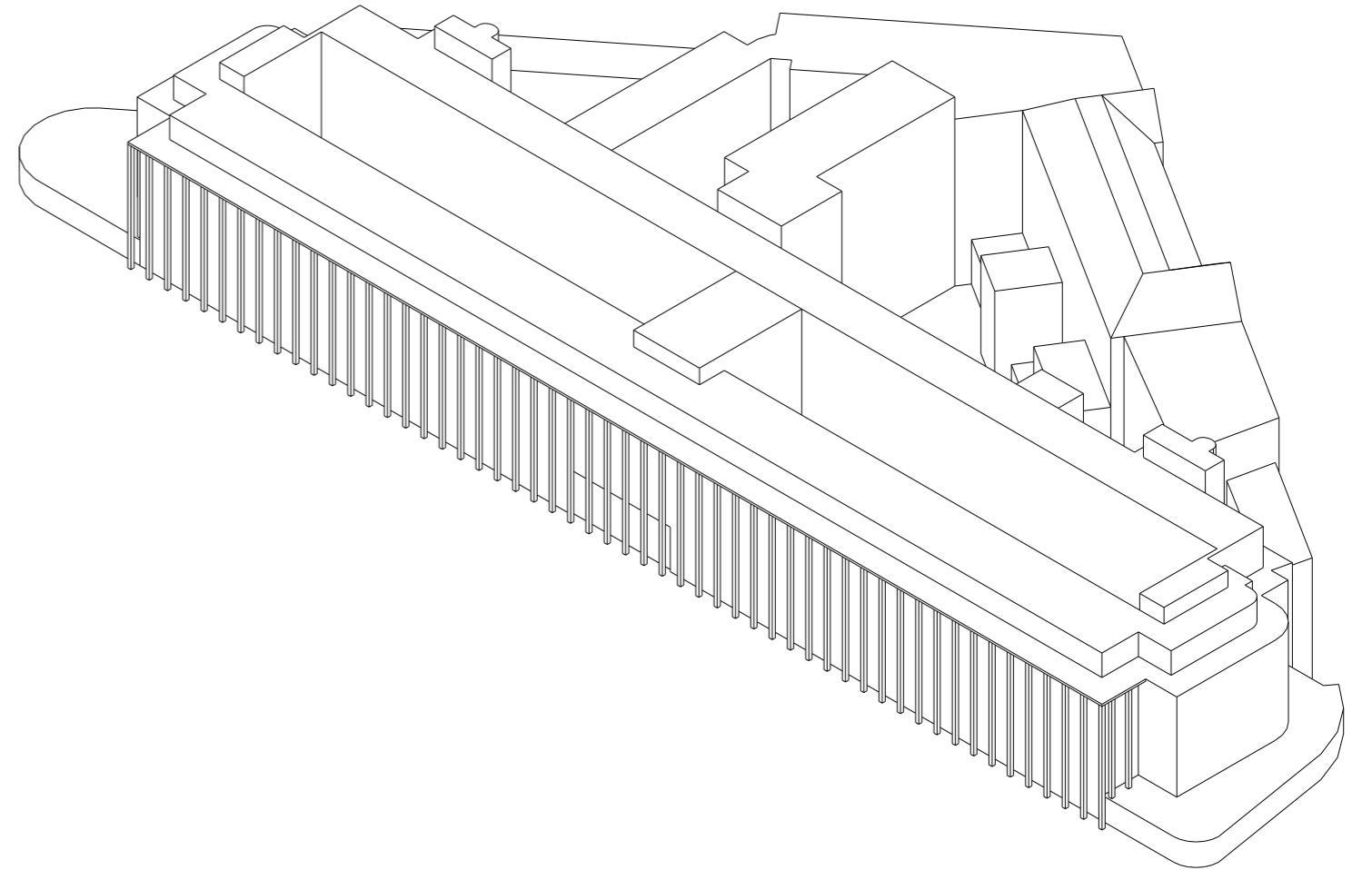


Architecturally facilitating human appropriation - Palazzo Medici Riccardi in Florence, Italy.

FROM USER TO DWELLER

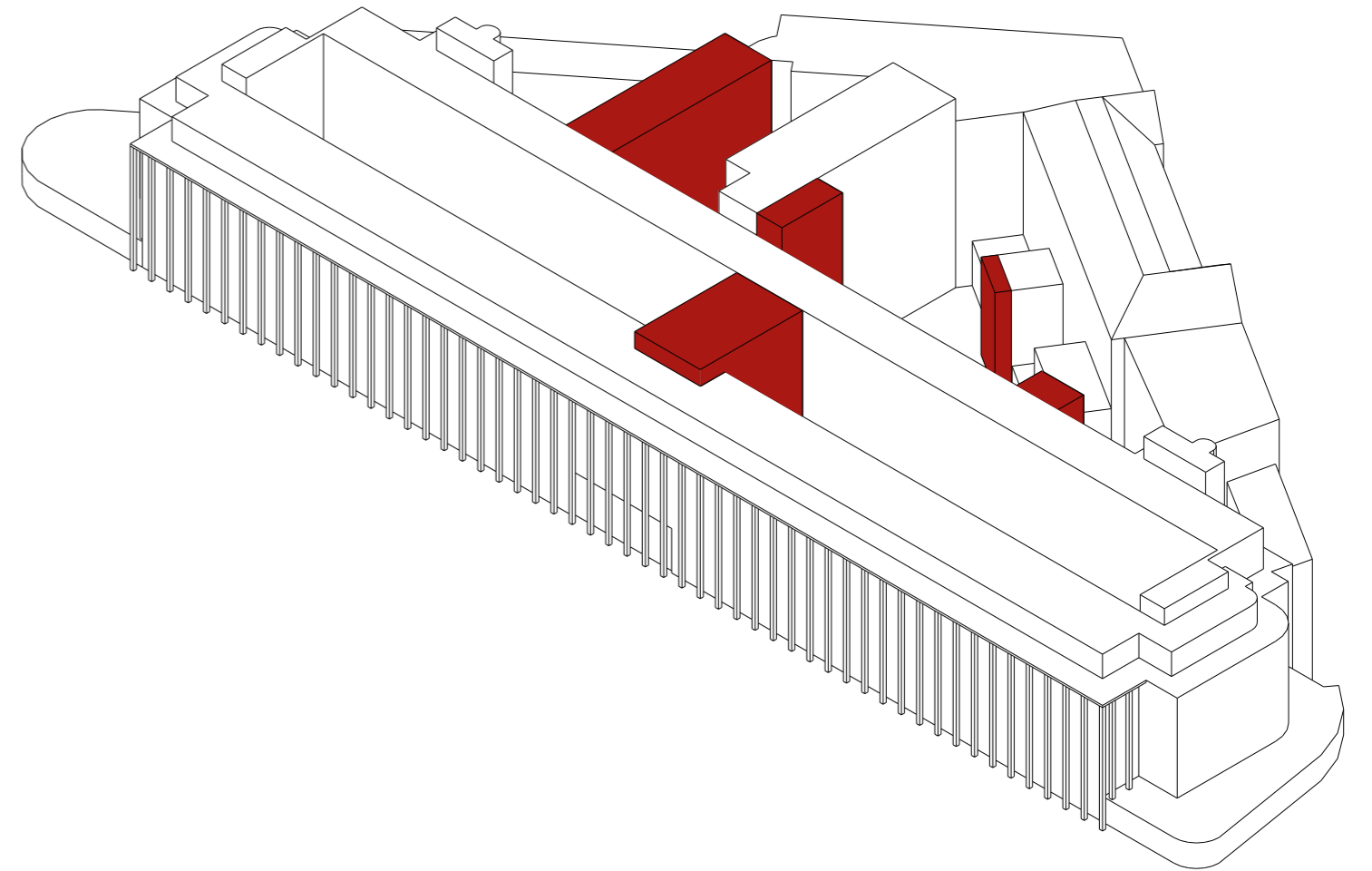


Apollo School, Amsterdam by Herman Hertzberger. From: Herzberger, H. (2005). Lessons for Students in Architecture. Nijmegen: Thieme bv.



PROPOSAL

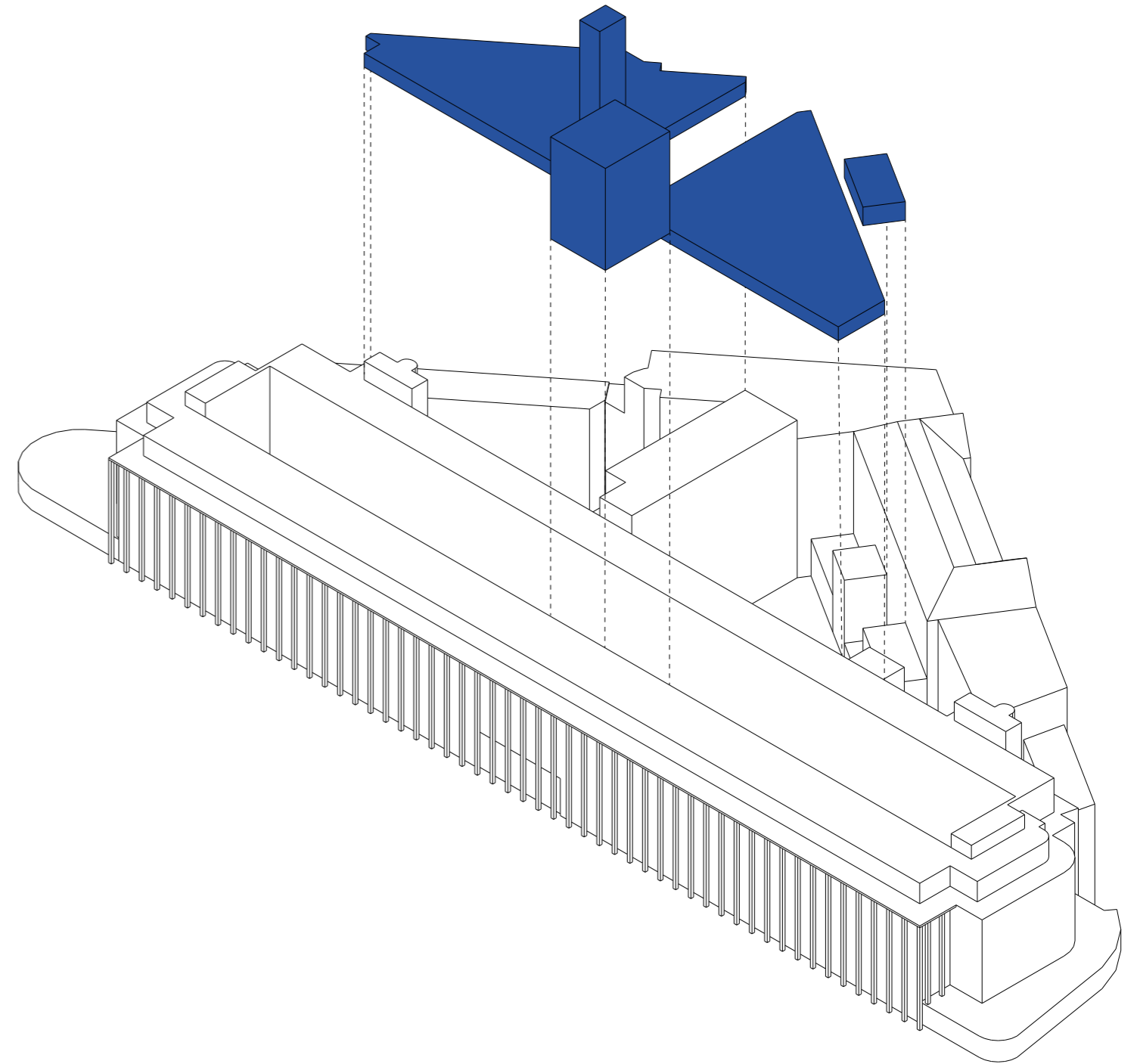
Demolishing dysfunctional building parts



PROPOSAL

Demolishing dysfunctional building parts

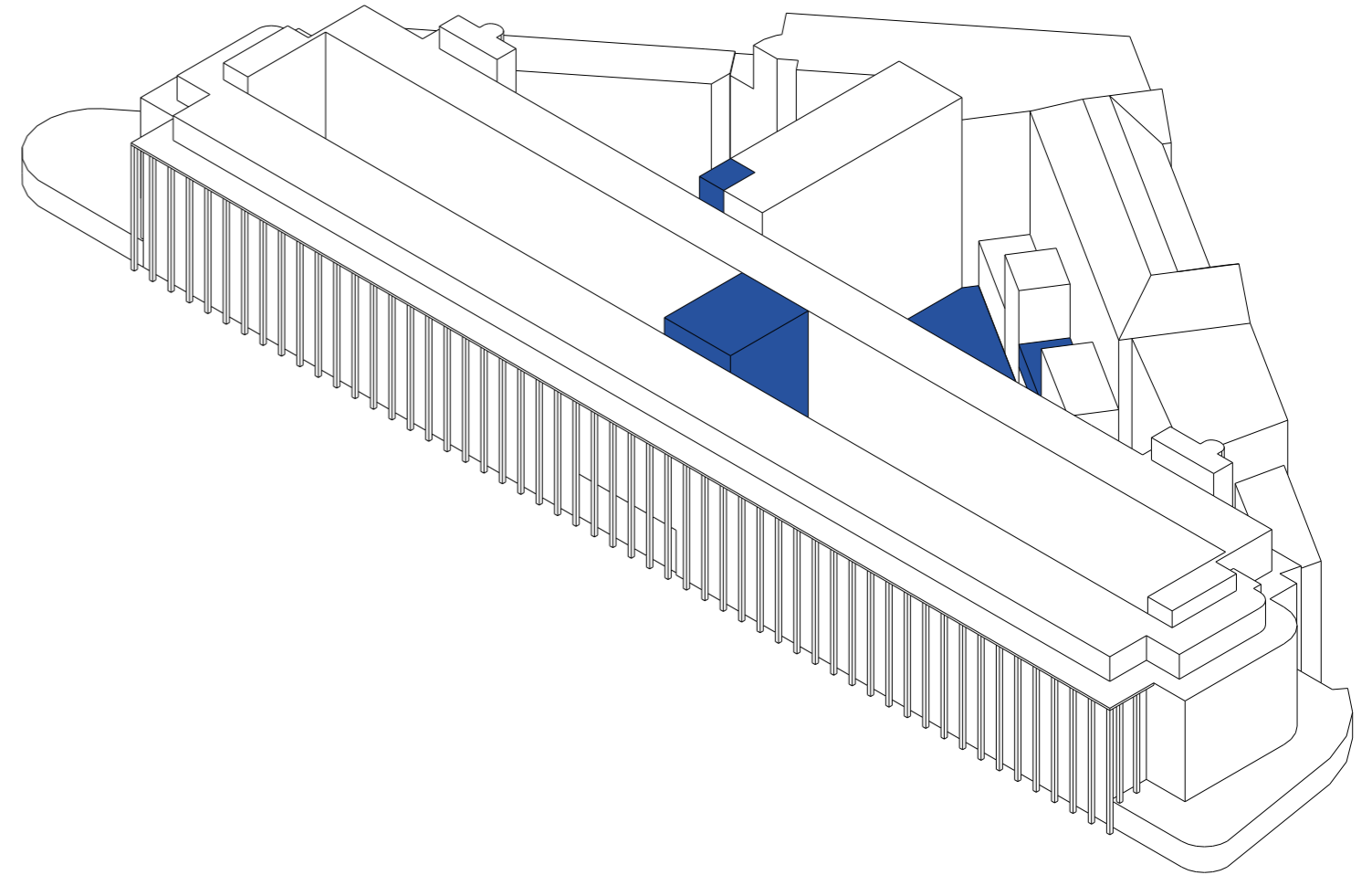
Logical connections and clear routing



PROPOSAL

Demolishing dysfunctional building parts

Logical connections and clear routing

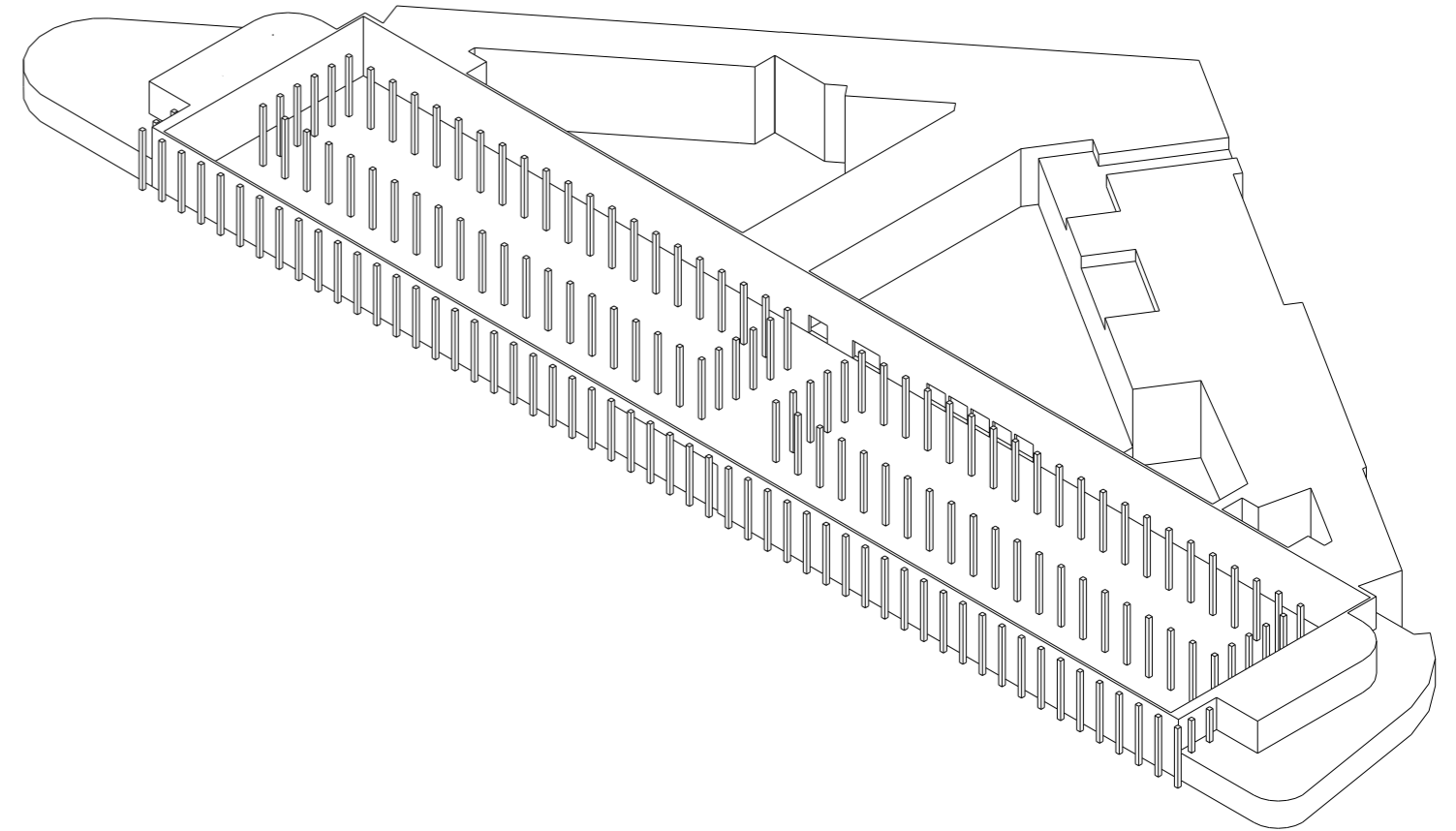


PROPOSAL

Demolishing dysfunctional building parts

Logical connections and clear routing

The Auditorium Court and the Courtyard

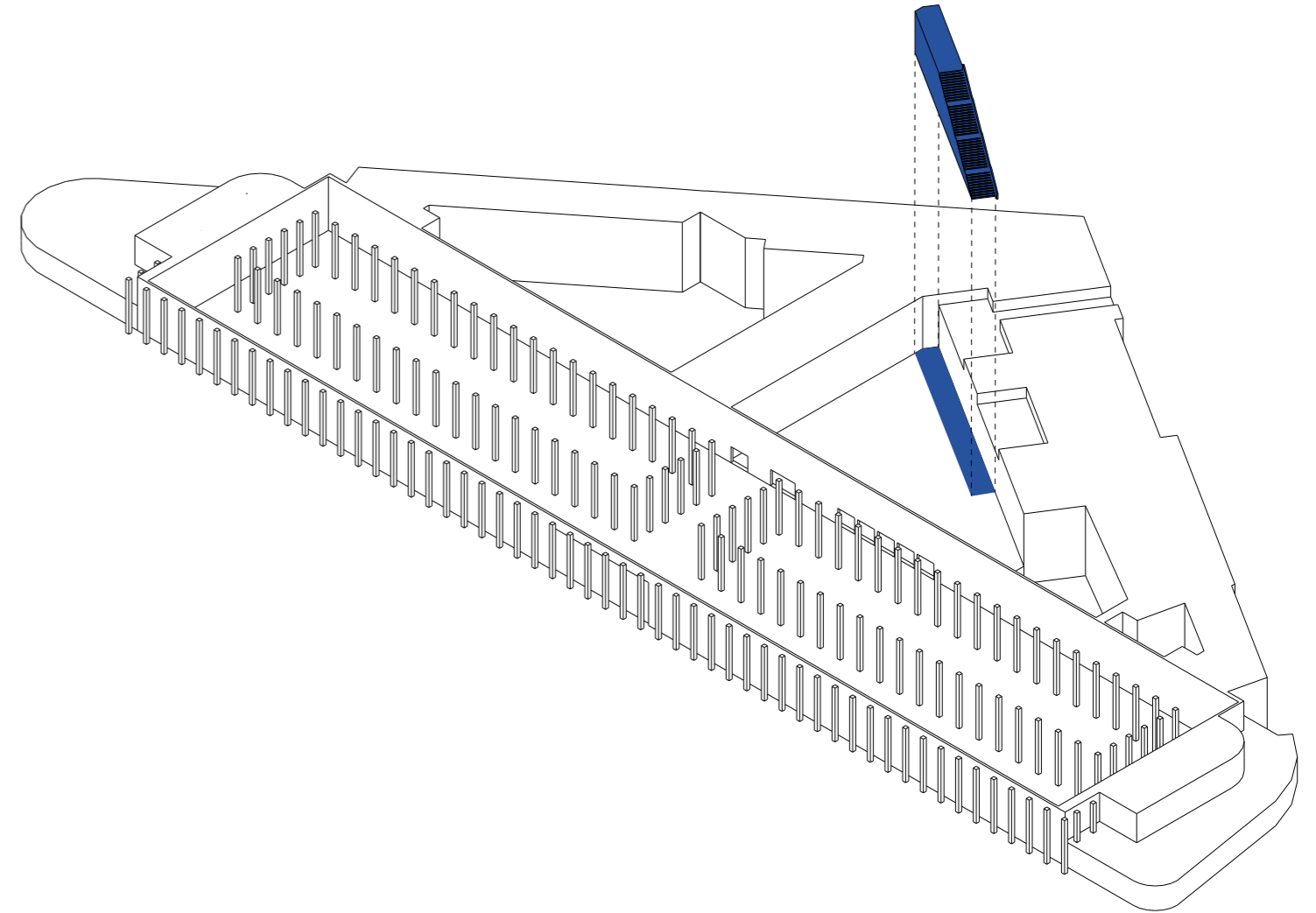


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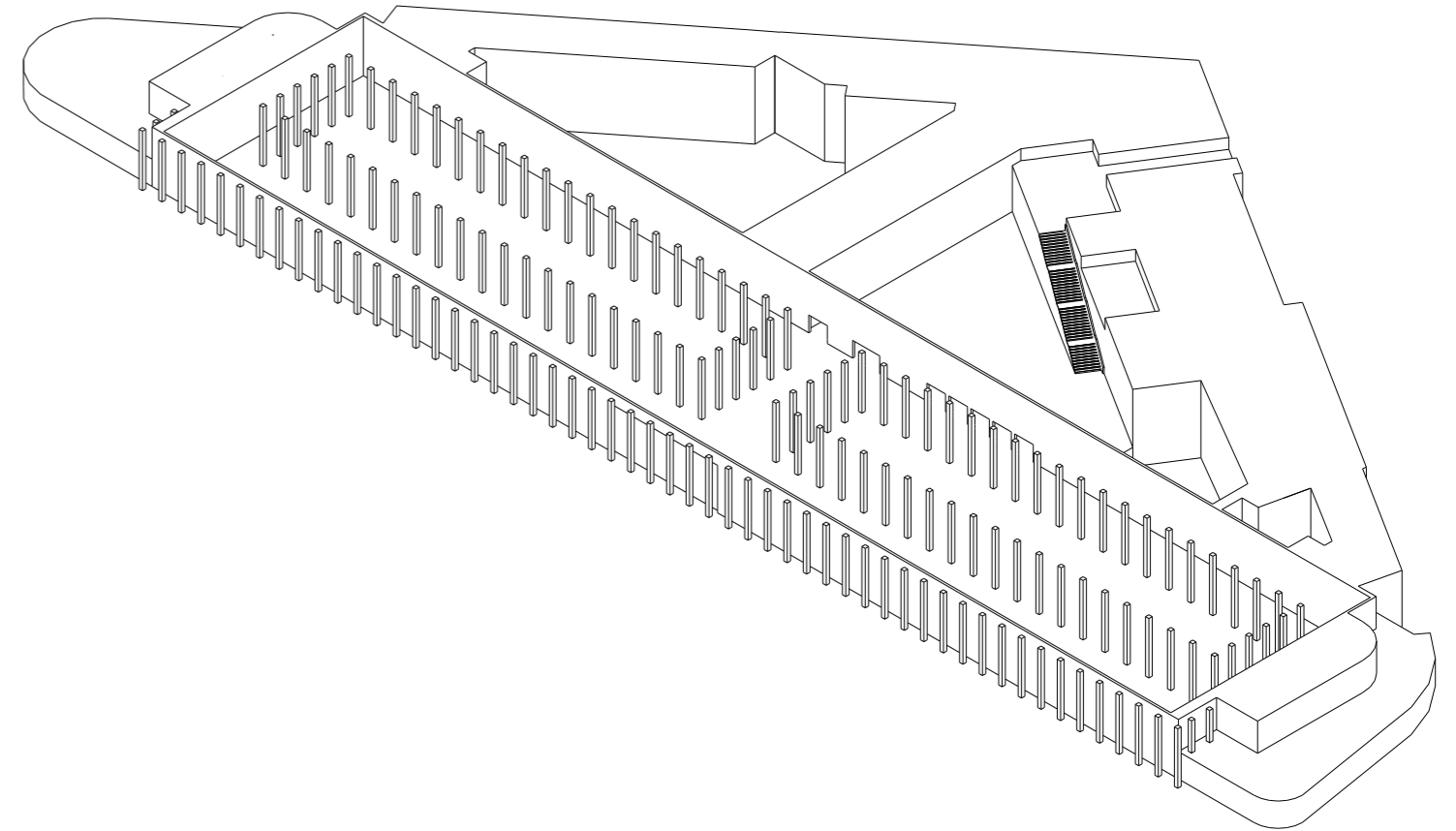


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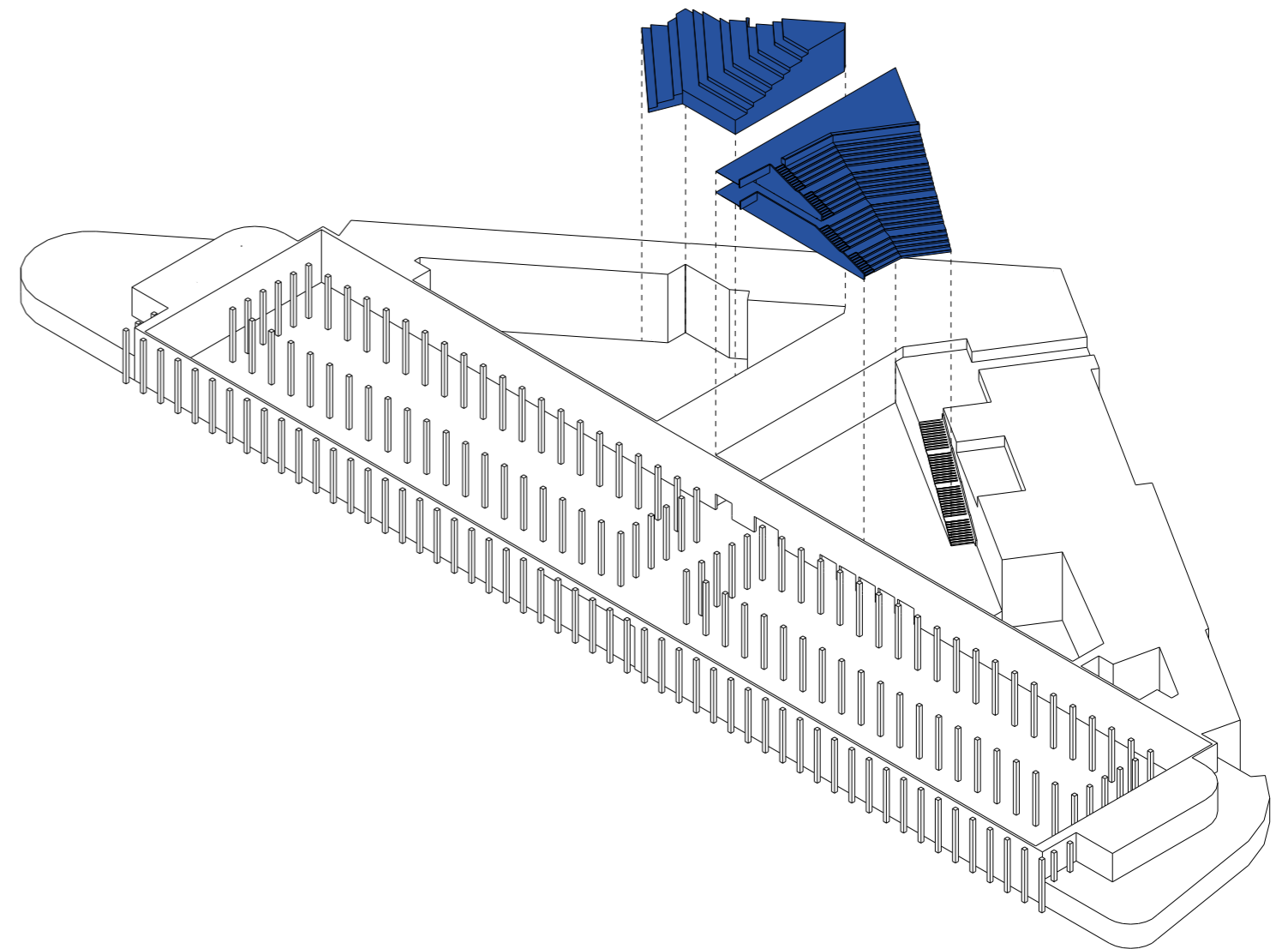


PROPOSAL

Demolishing dysfunctional building parts

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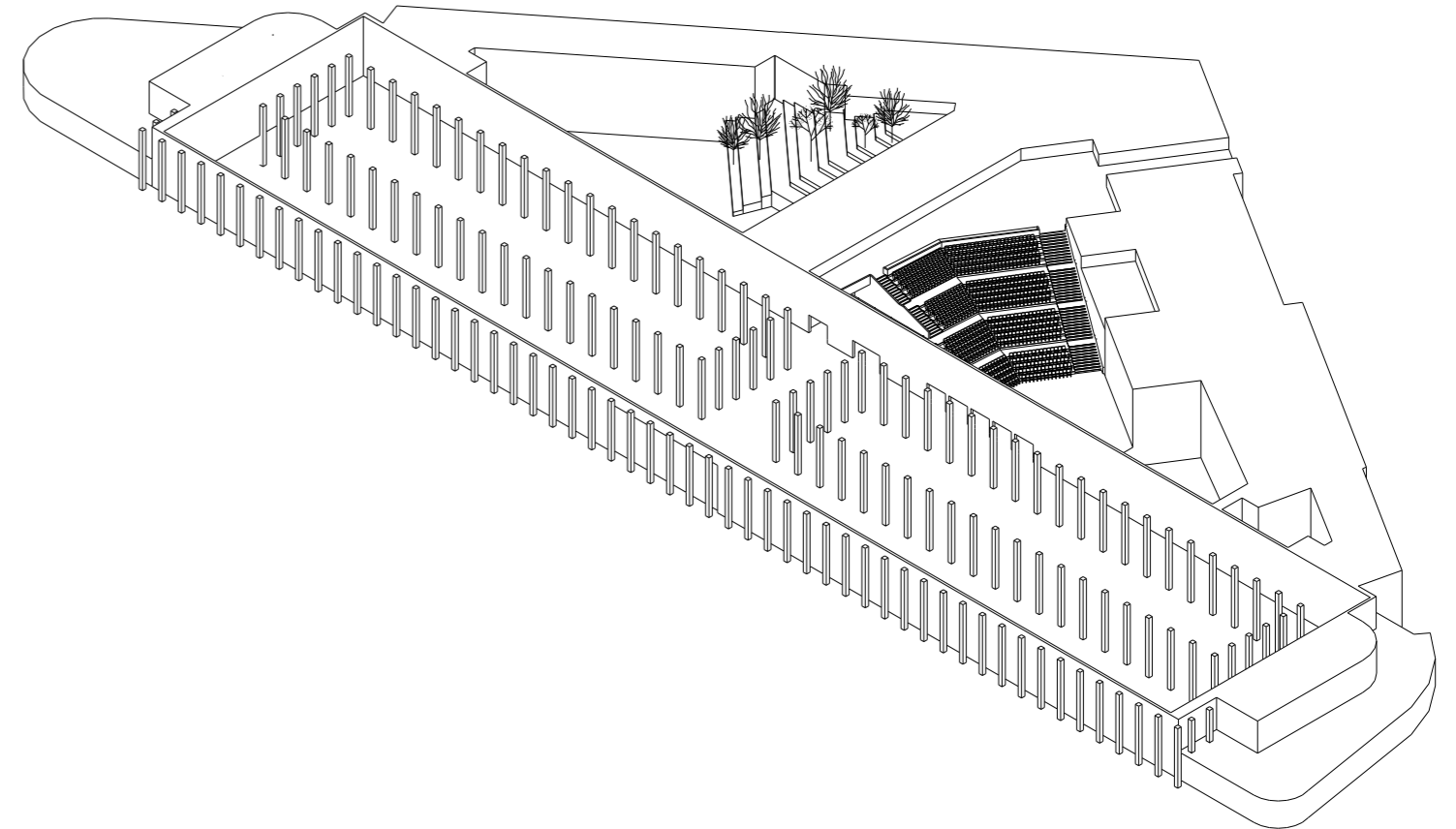


PROPOSAL

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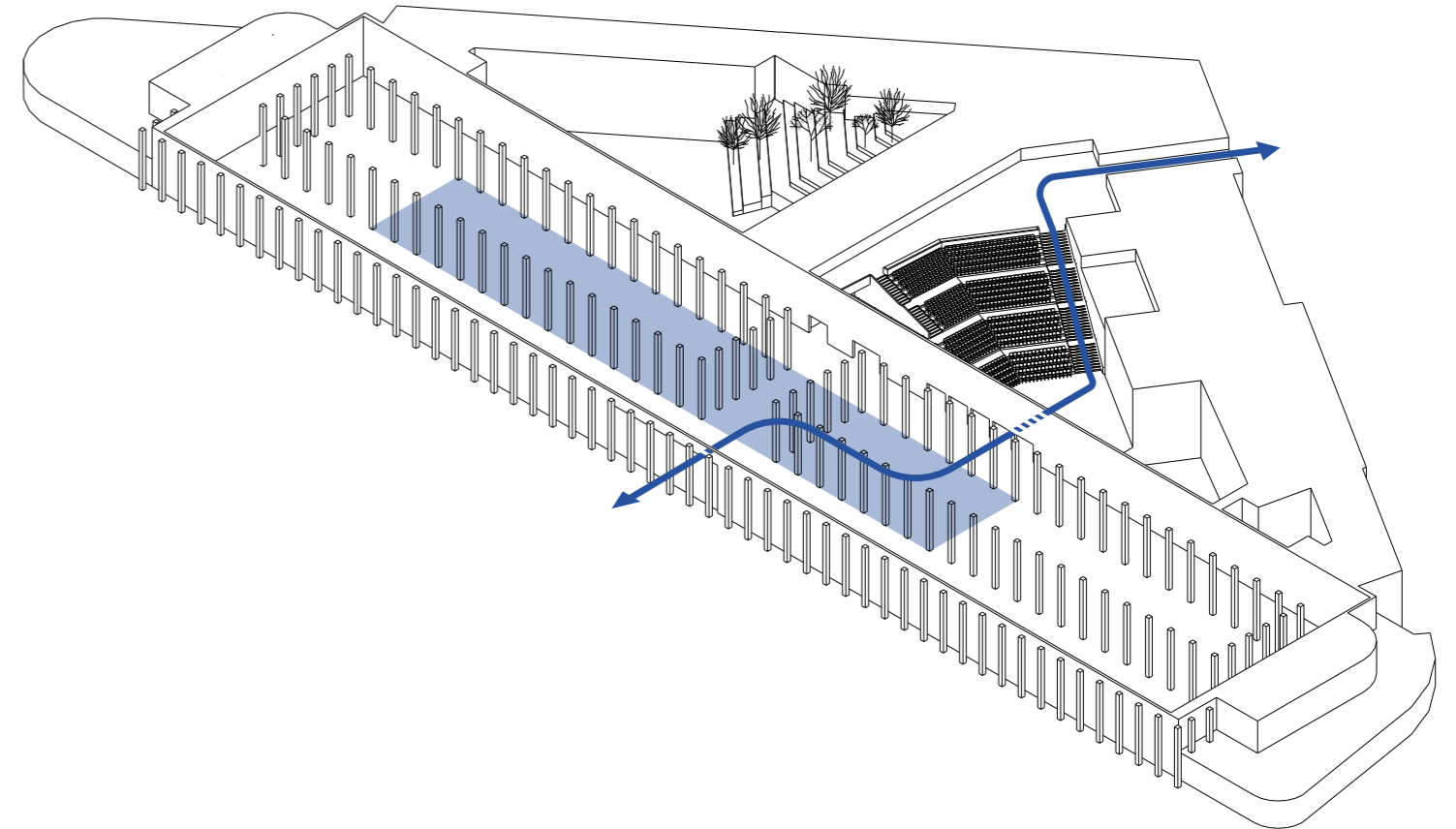
PROPOSAL

Demolishing dysfunctional building parts

Logical connections and clear routing

The Auditorium Court and the Courtyard

Public Route and Interior Square



PROPOSAL

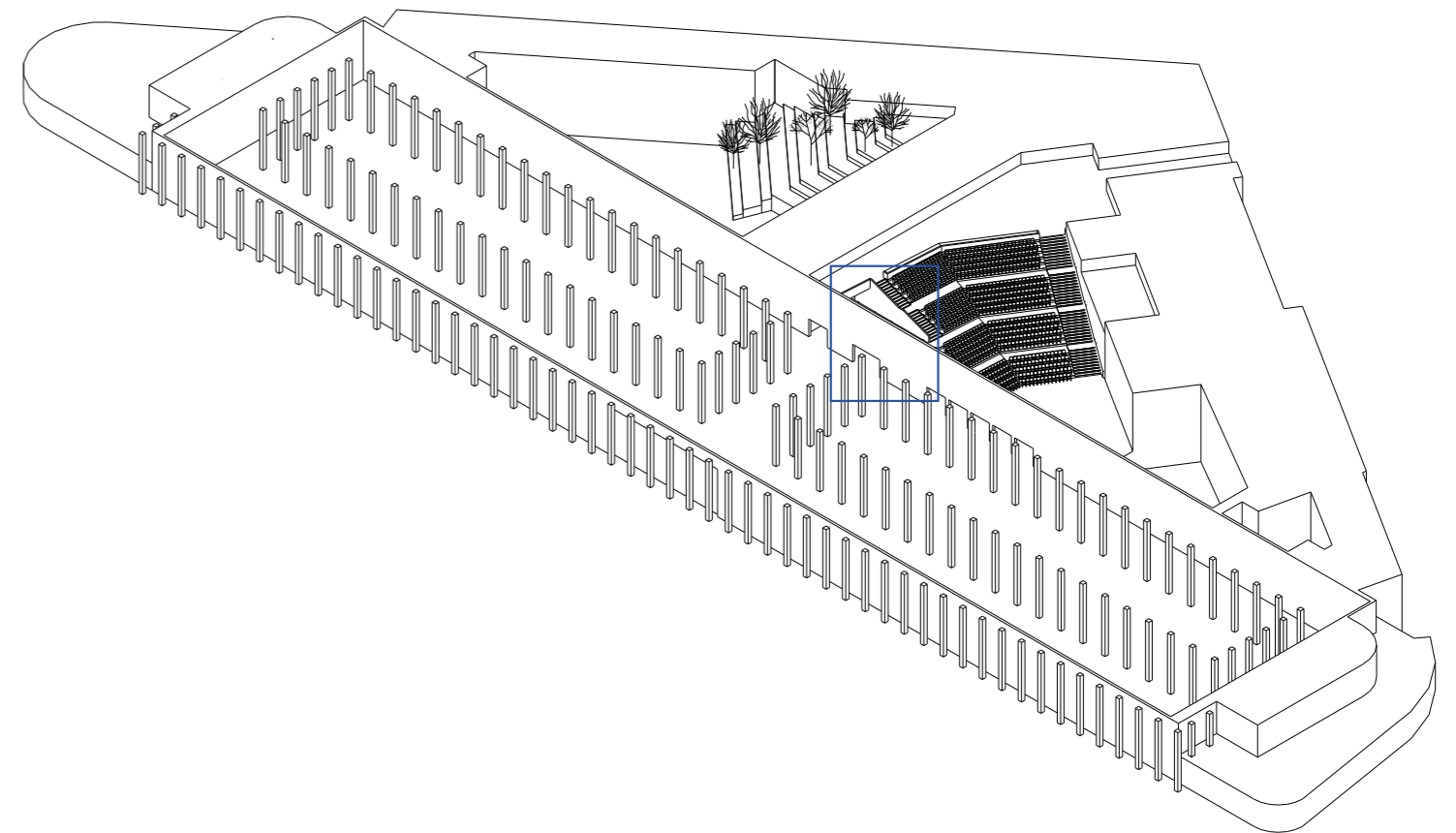
Demolishing dysfunctional building parts

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The Auditorium Court and the Courtyard

Public Route and Interior Square

Intermediary Spaces



PROPOSAL

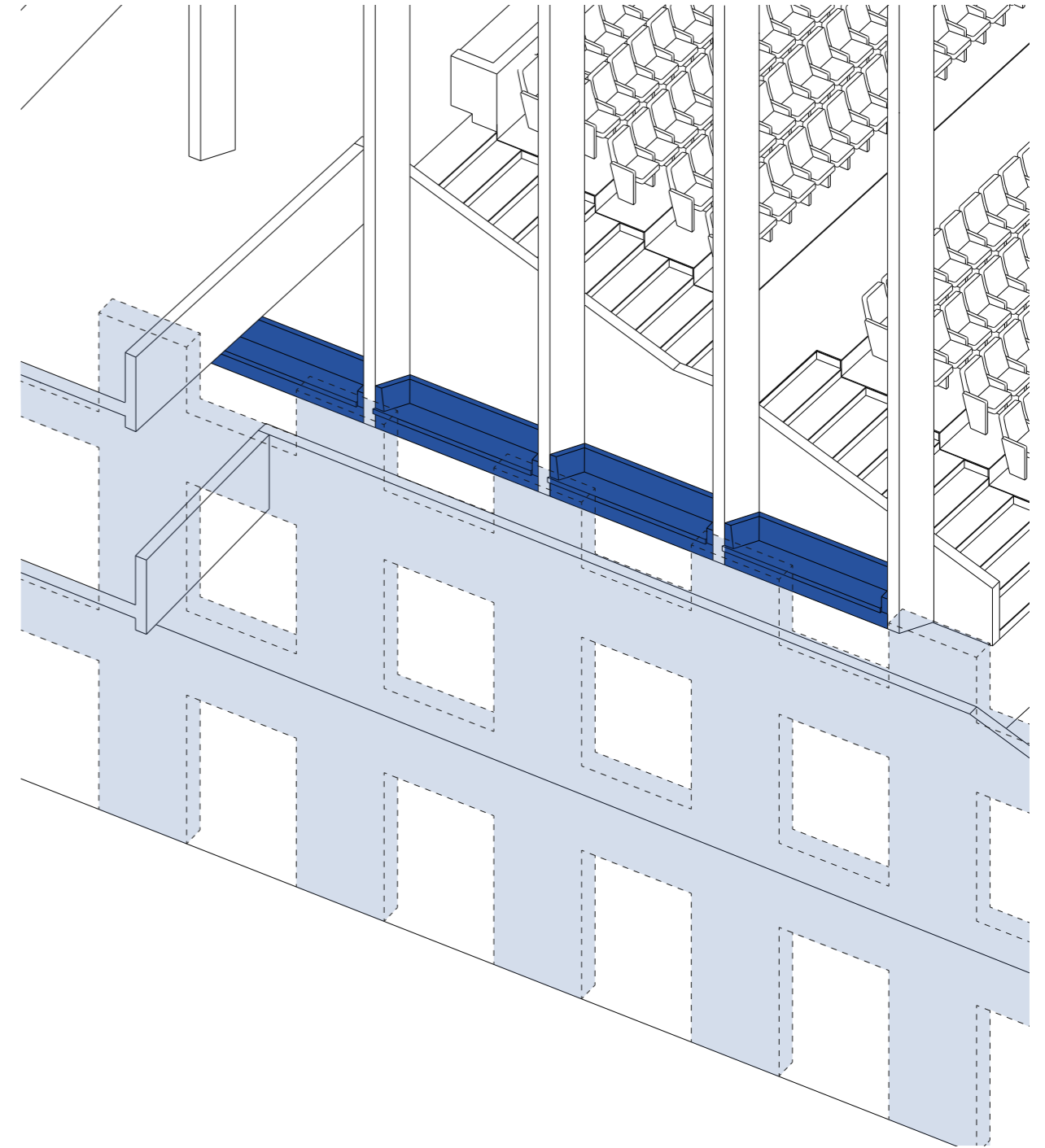
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Intermediary Spaces



PROPOSAL

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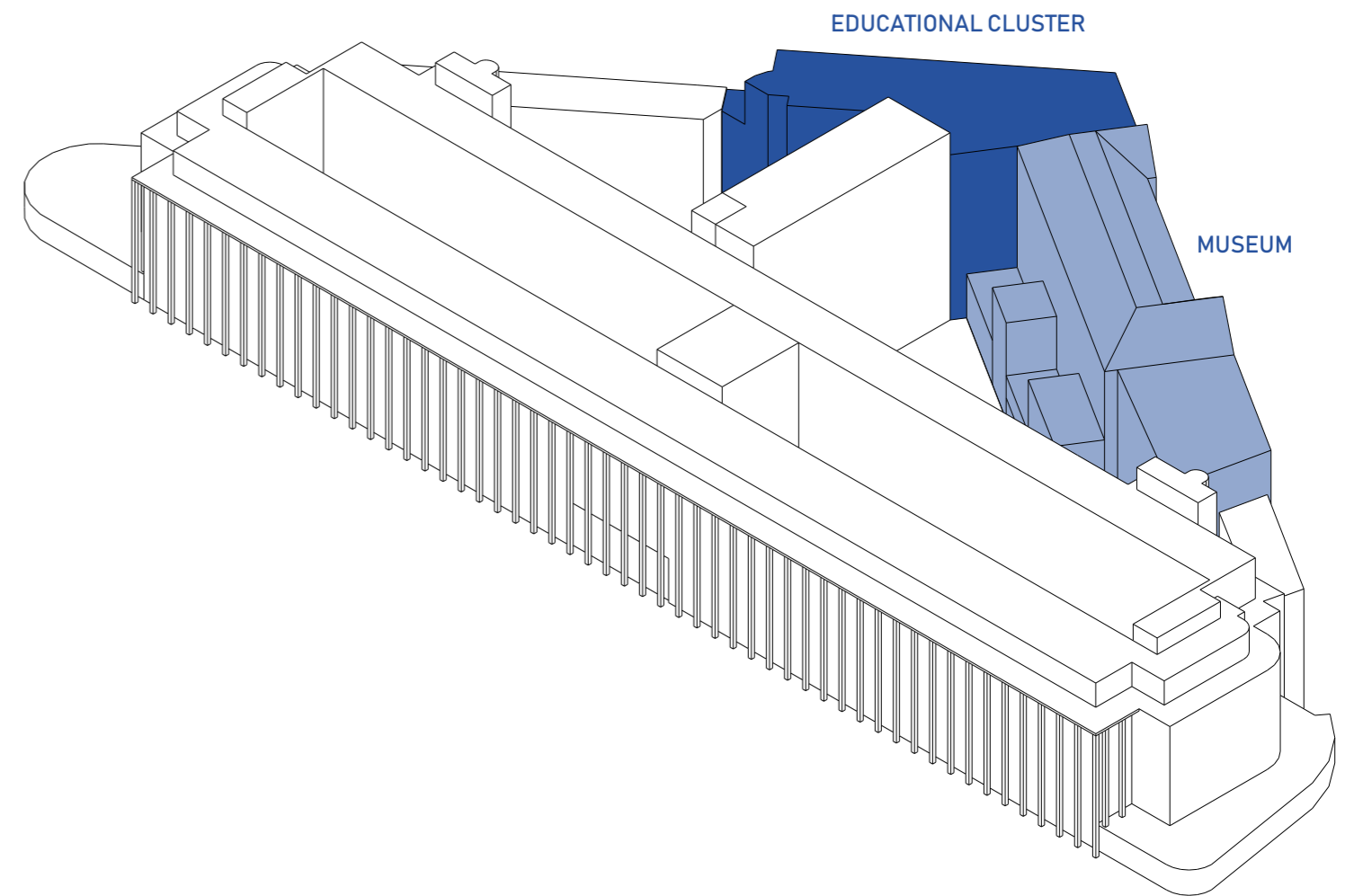
Logical connections and clear routing

The Auditorium Court and the Courtyard

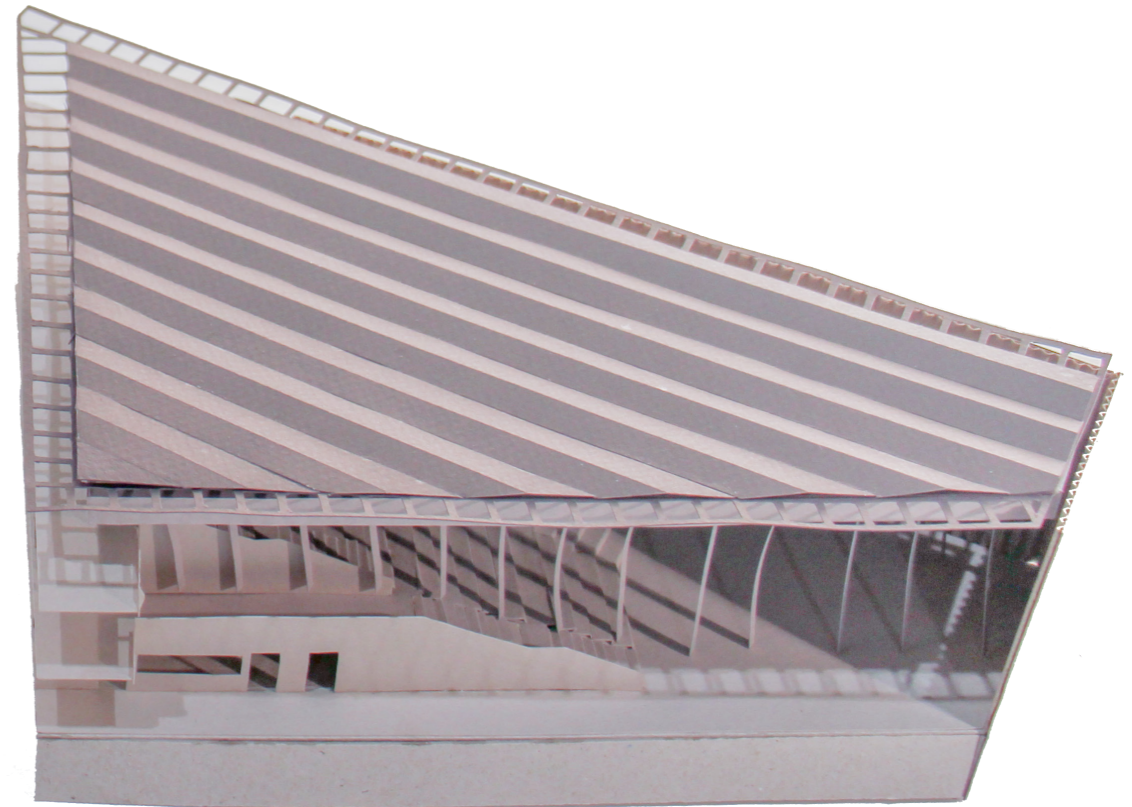
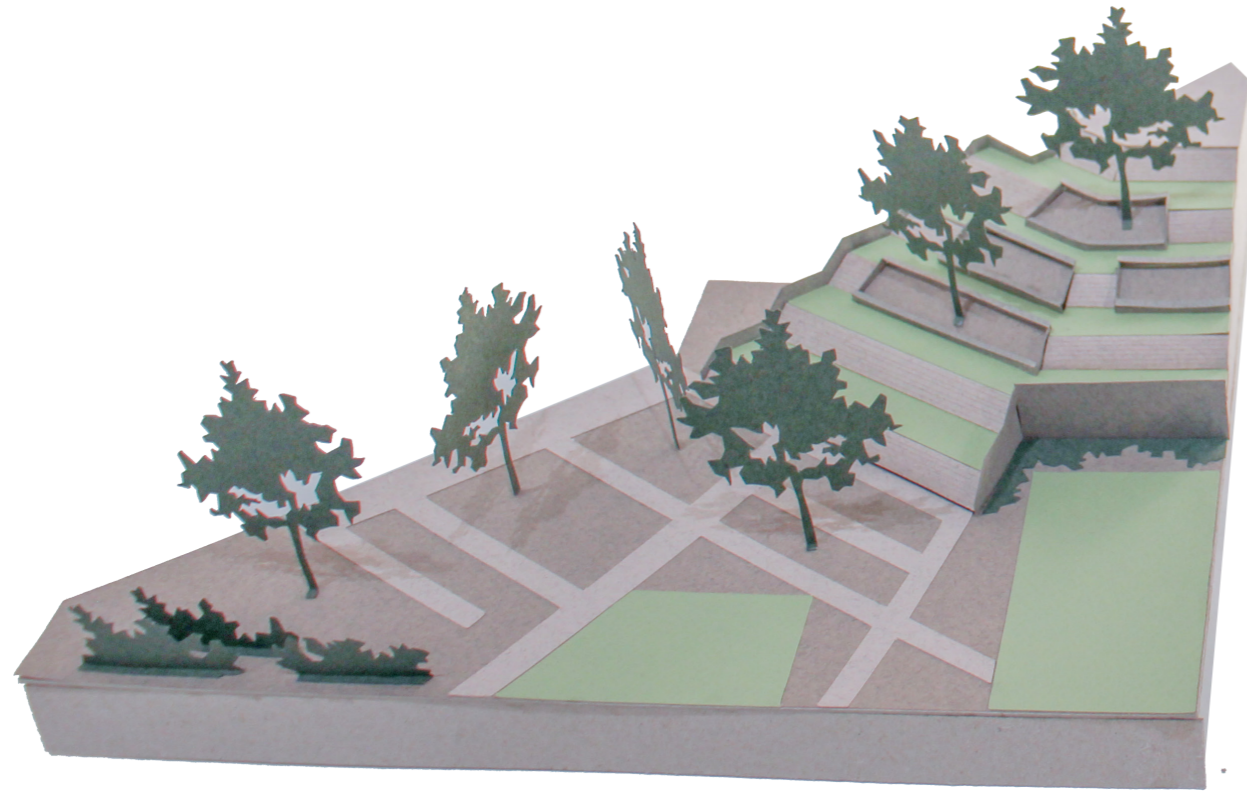
Public Route and Interior Square

Intermediary Spaces

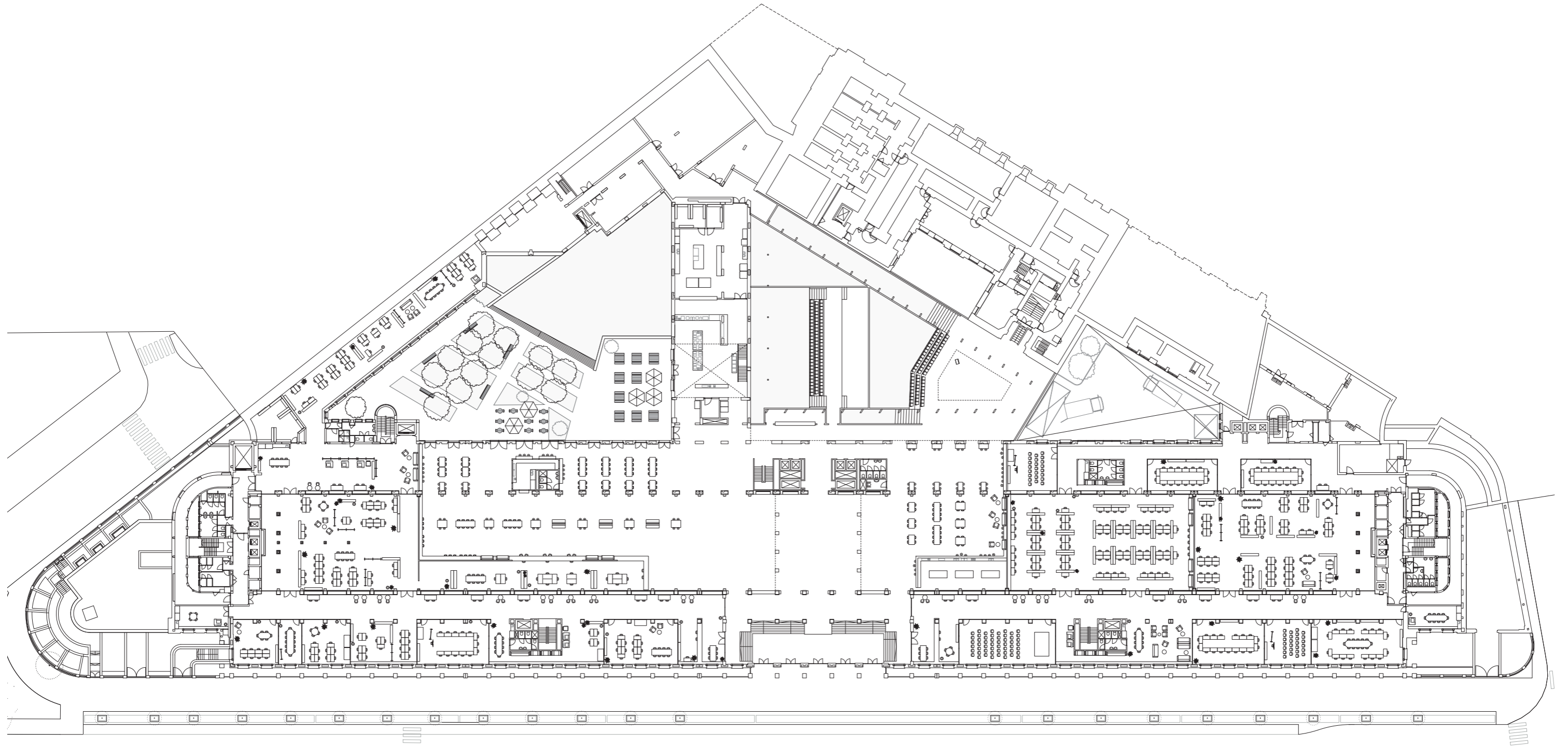
Bank of Knowledge: Educational Cluster



PROPOSAL



AN ENTRANCE HALL FOR ALL USERS

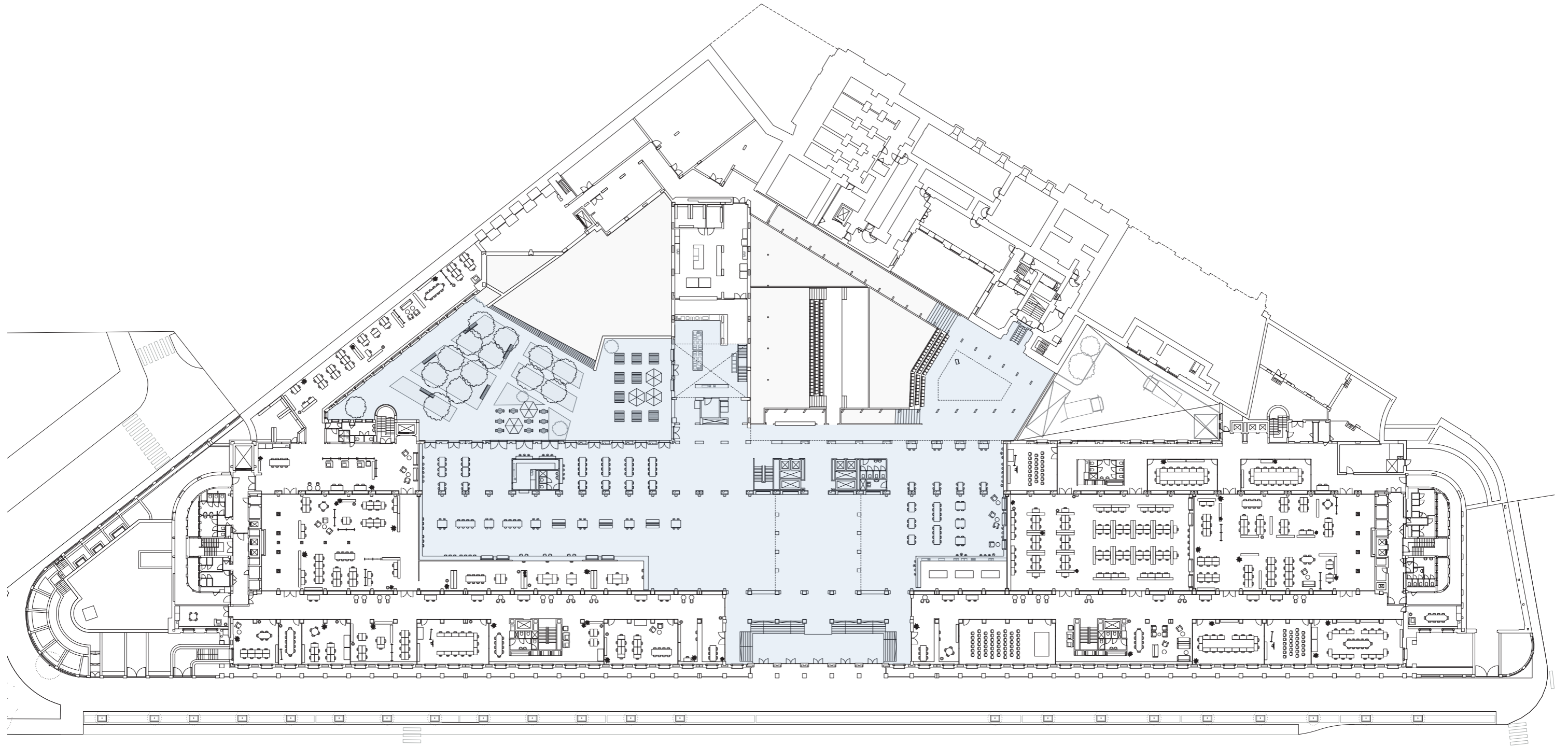


GROUND FLOOR

Scale 1:650_a3
National Bank of Belgium
Brussels



PUBLIC VERSUS PRIVATE

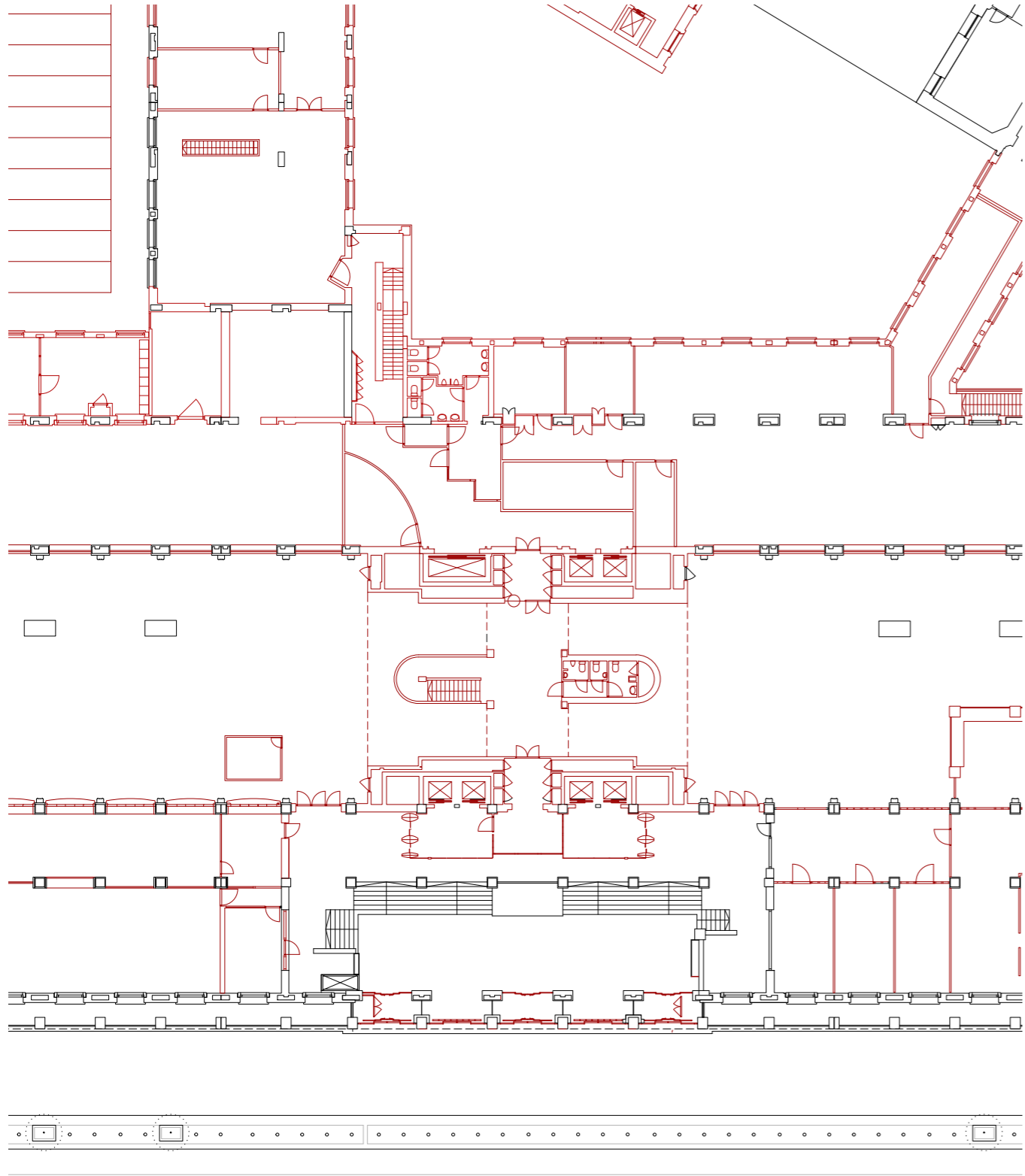


GROUND FLOOR

Scale 1:650_a3
National Bank of Belgium
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UNSUITABLE CENTRAL CIRCULATION CORE

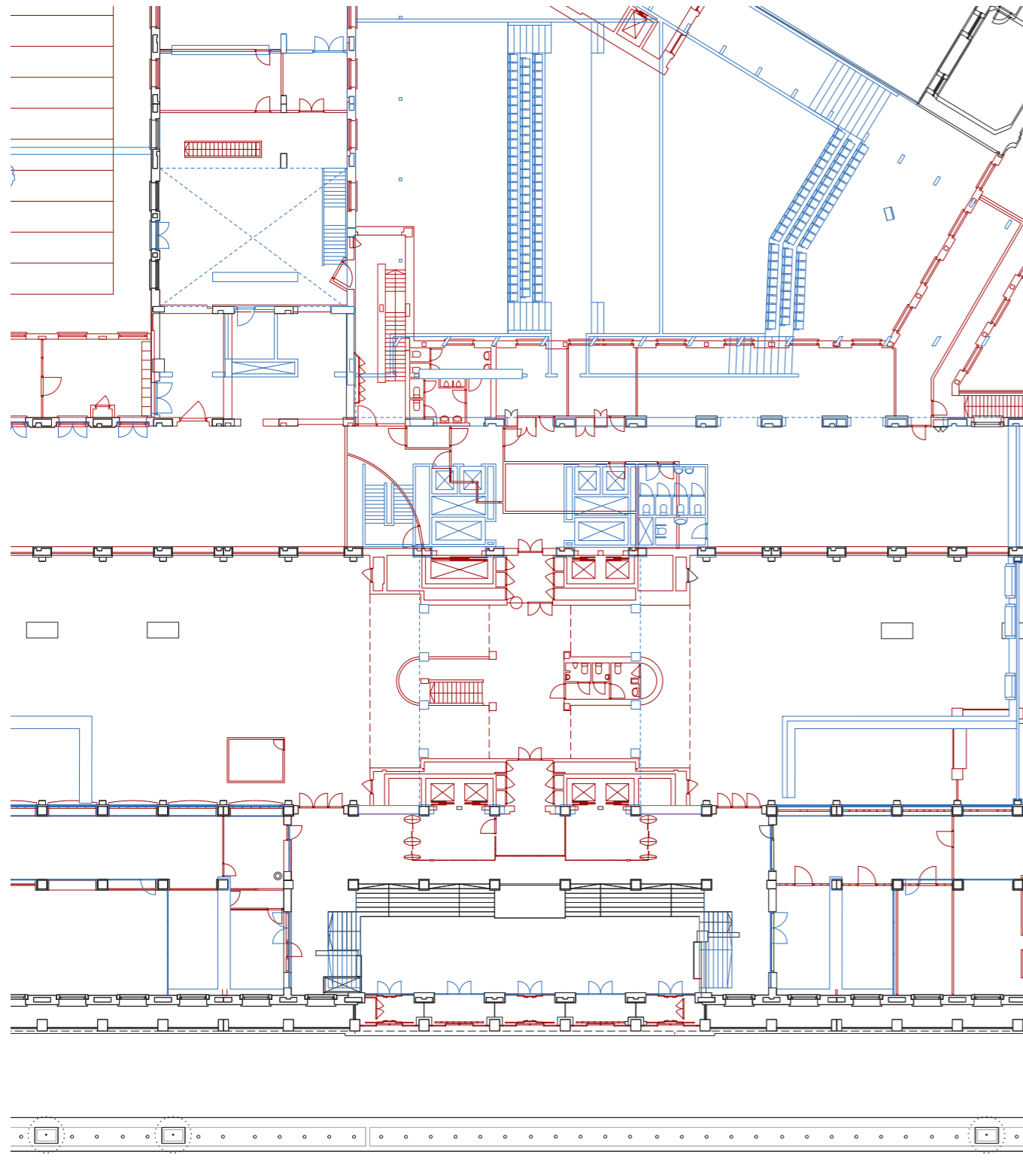


TITLE DRAWING

Scale 1:350_A3
National Bank of Belgium
Brussels



UNSUITABLE CENTRAL CIRCULATION CORE

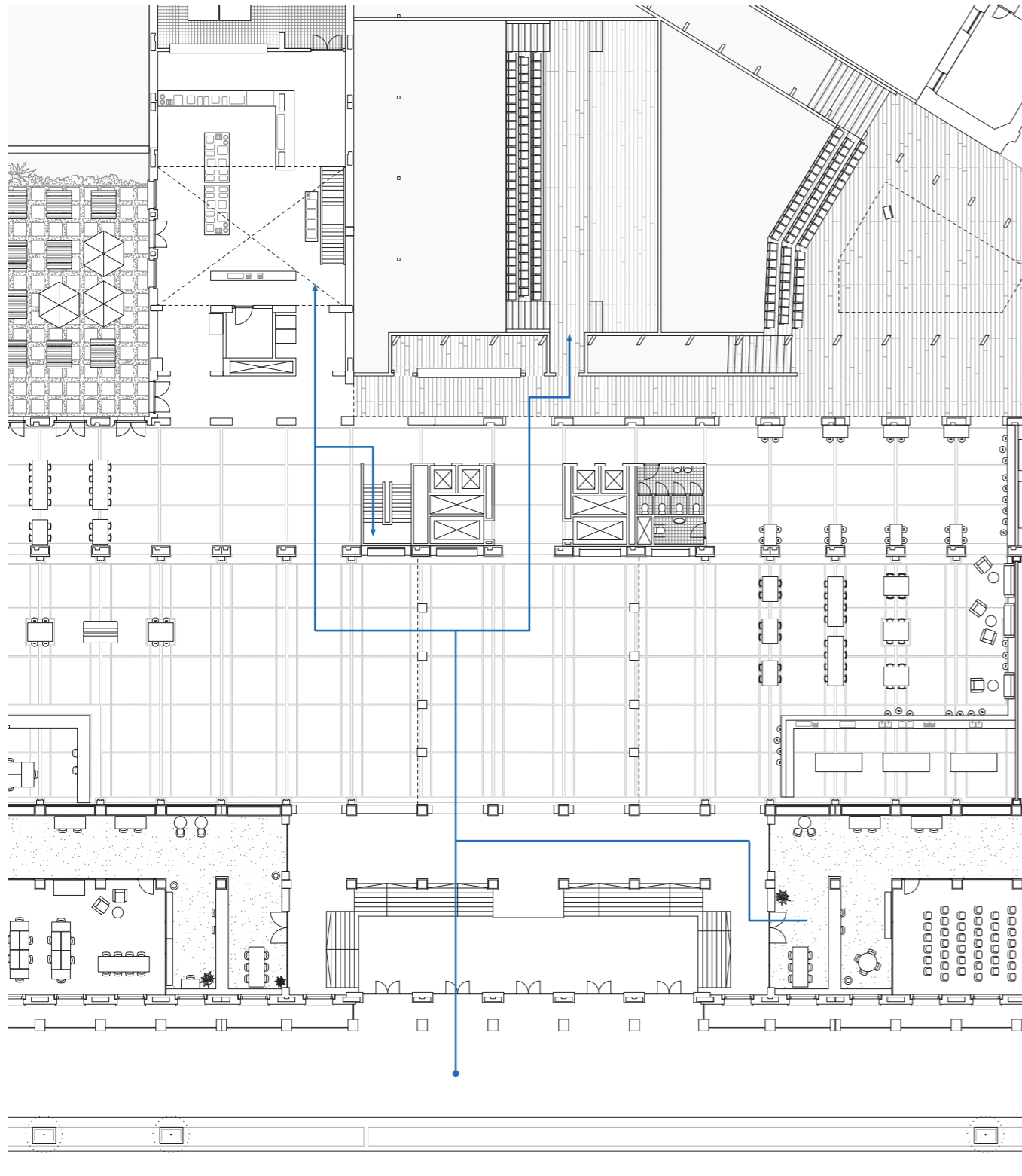


CENTRE OF BAKING HALL

Scale 1:350_A3
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Brussels



LOGICAL SEQUENCE OF SPACES

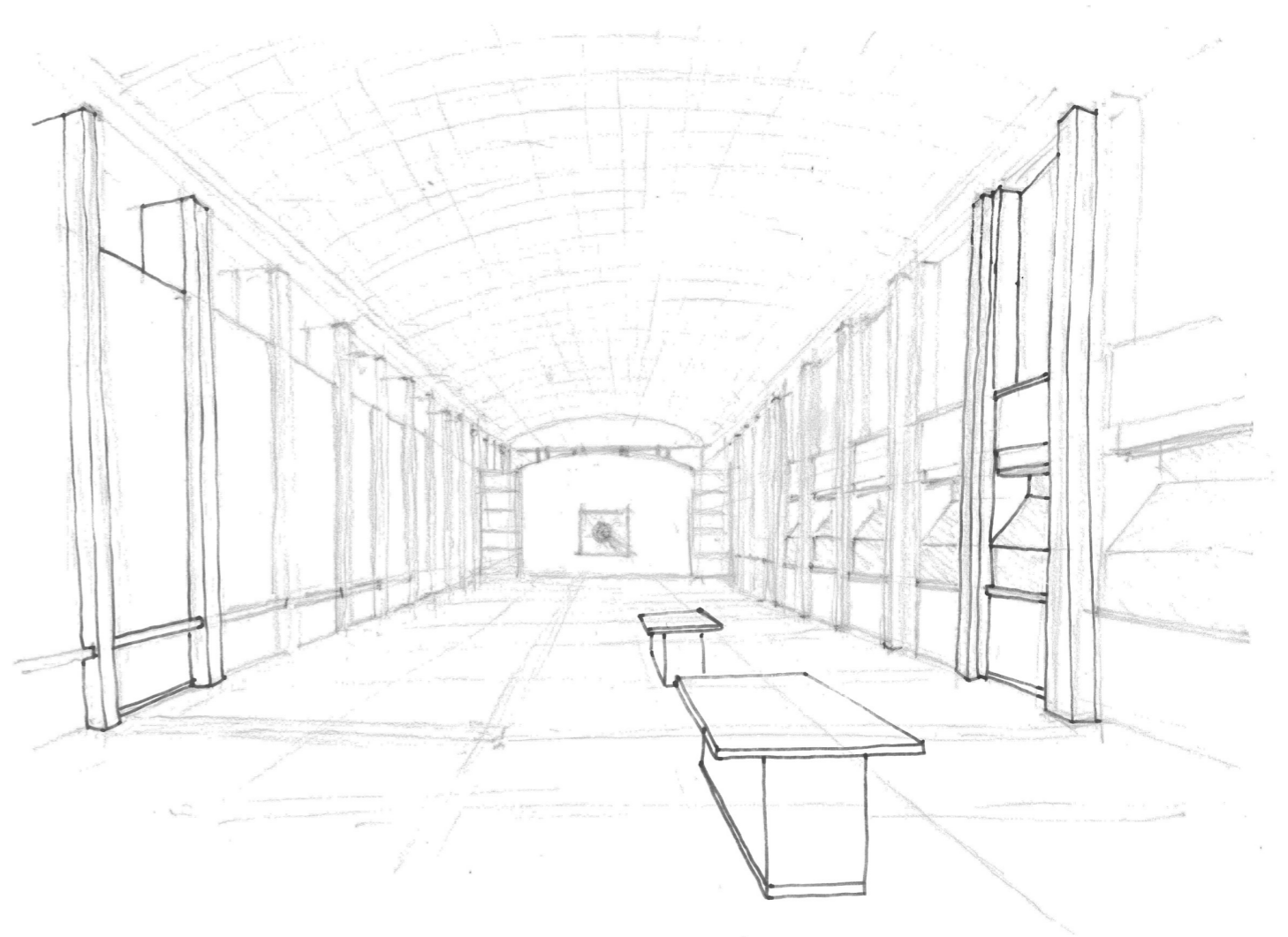
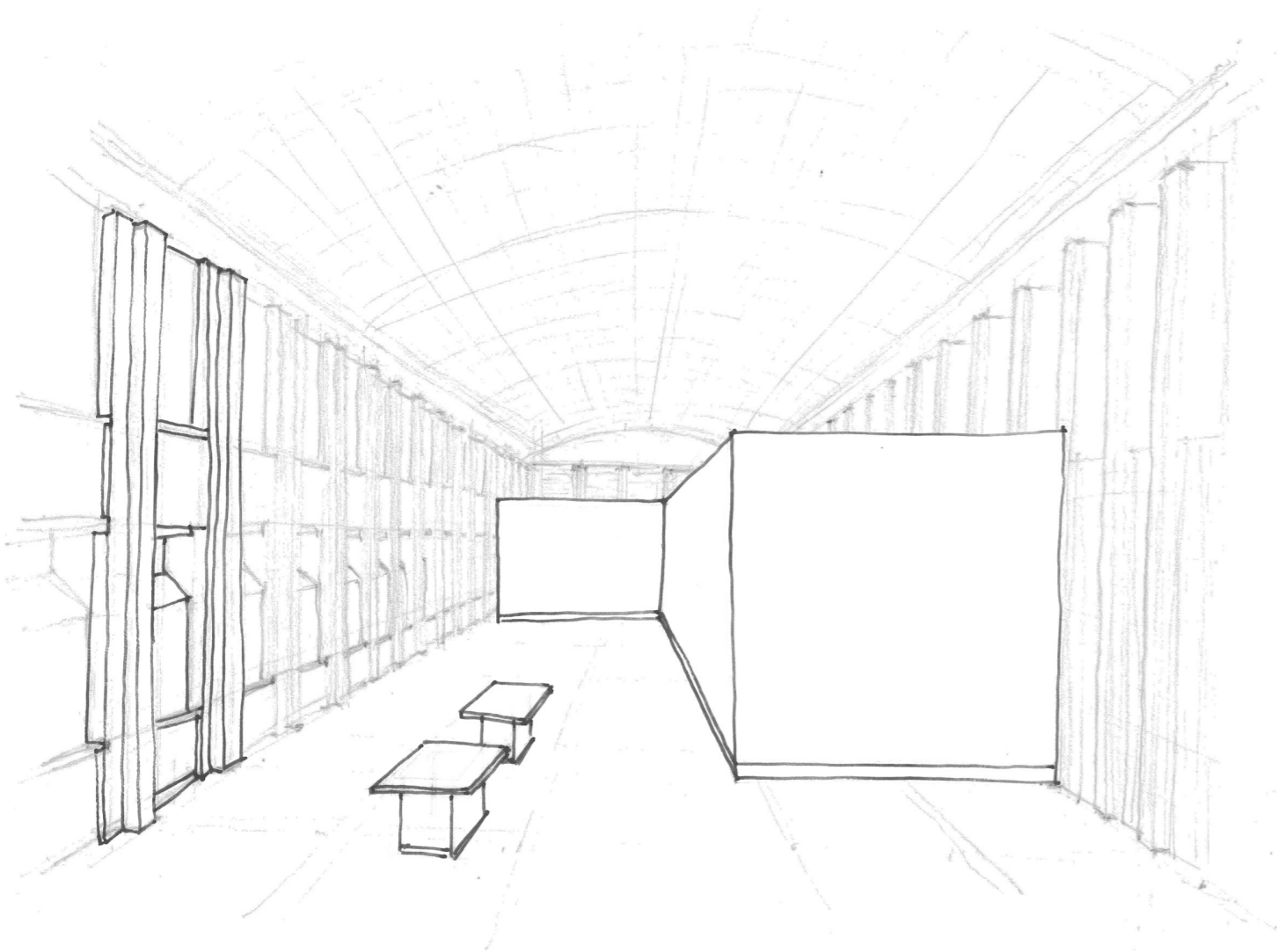


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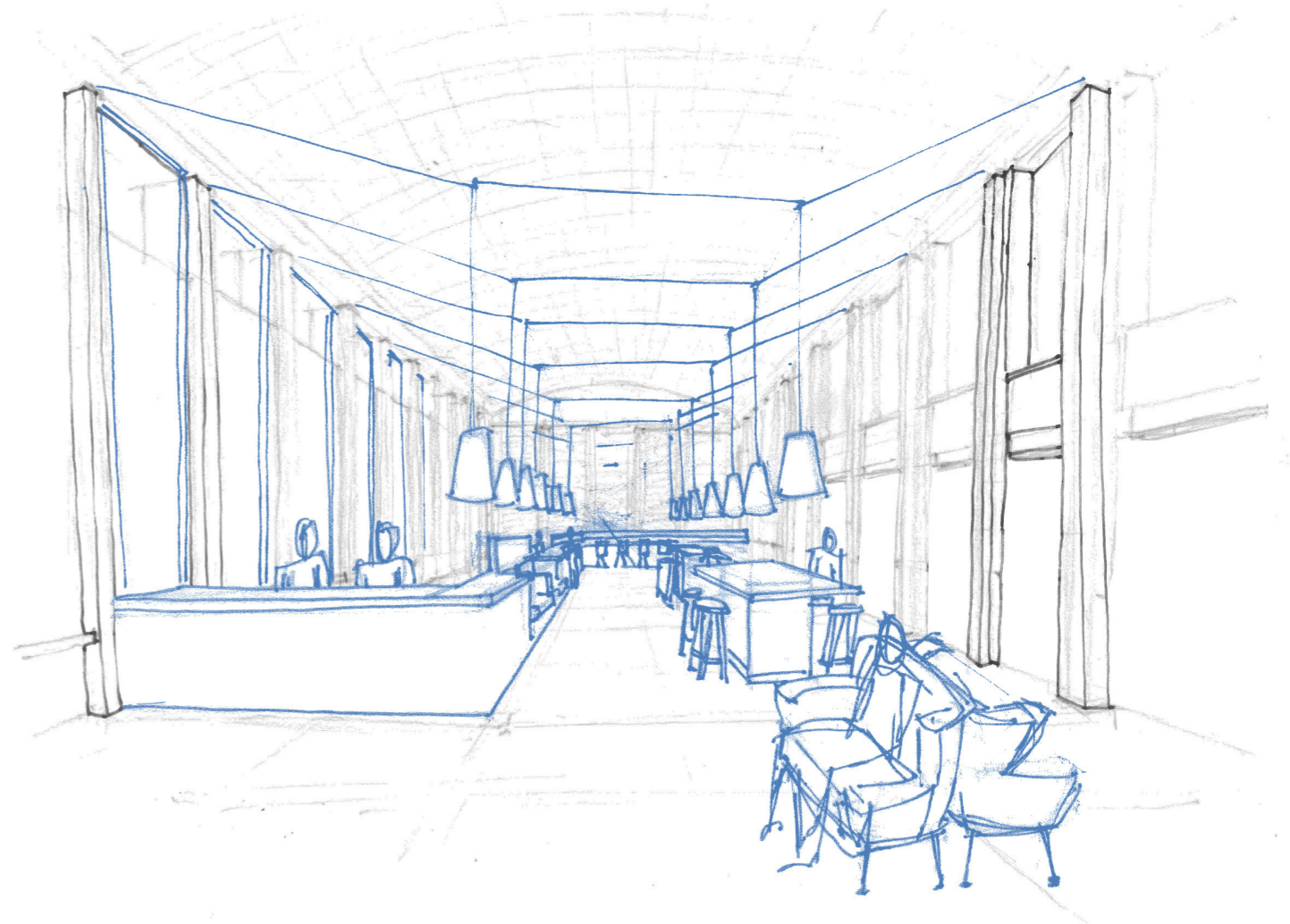
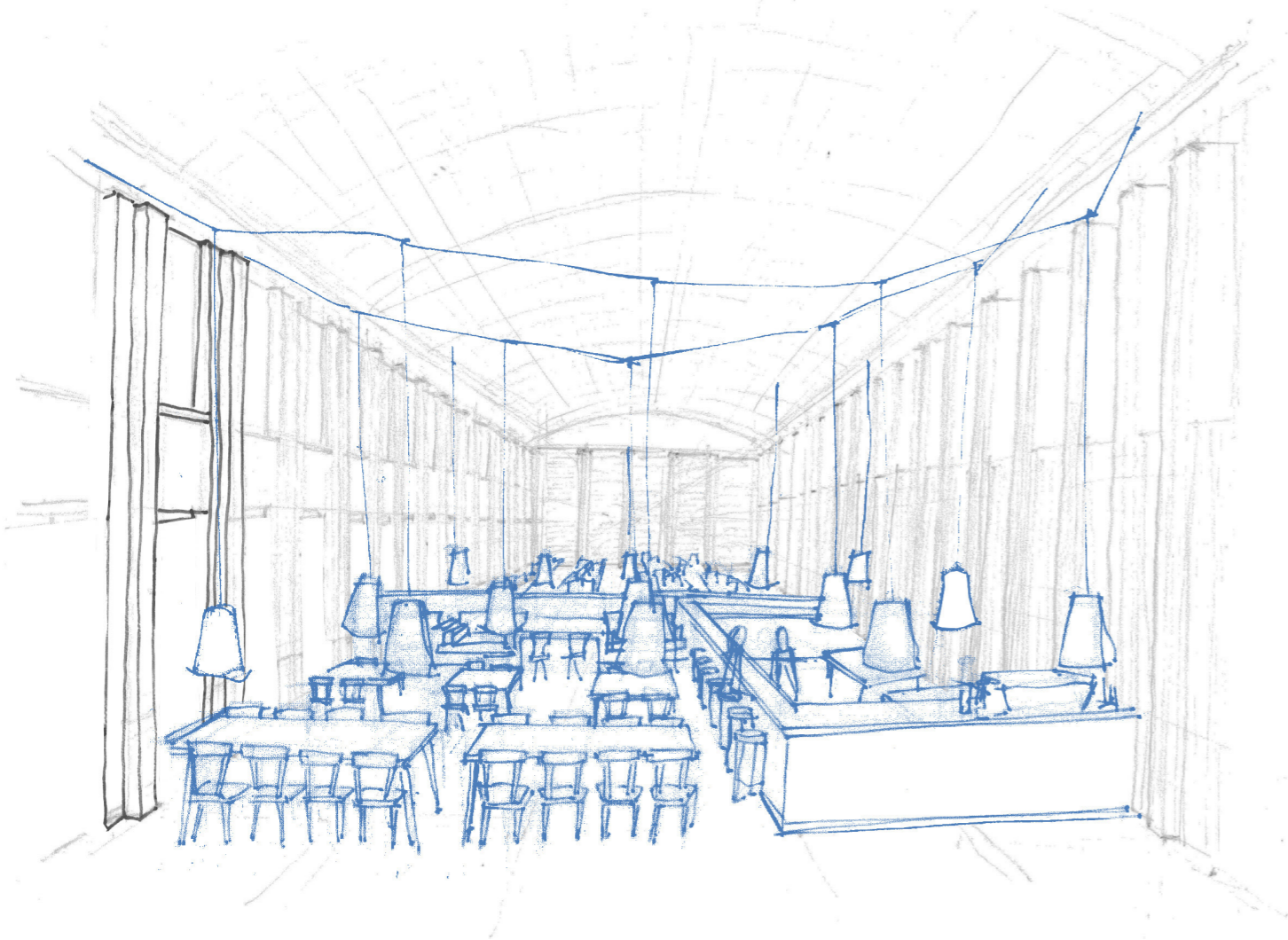


FROM AN ABANDONED BANKING HALL TO A WELCOMING INTERIOR SQUARE



Sketch of the architectural elements in the current banking hall.

FROM AN ABANDONED BANKING HALL TO A WELCOMING INTERIOR SQUARE



FROM AN ABANDONED BANKING HALL TO A WELCOMING INTERIOR SQUARE

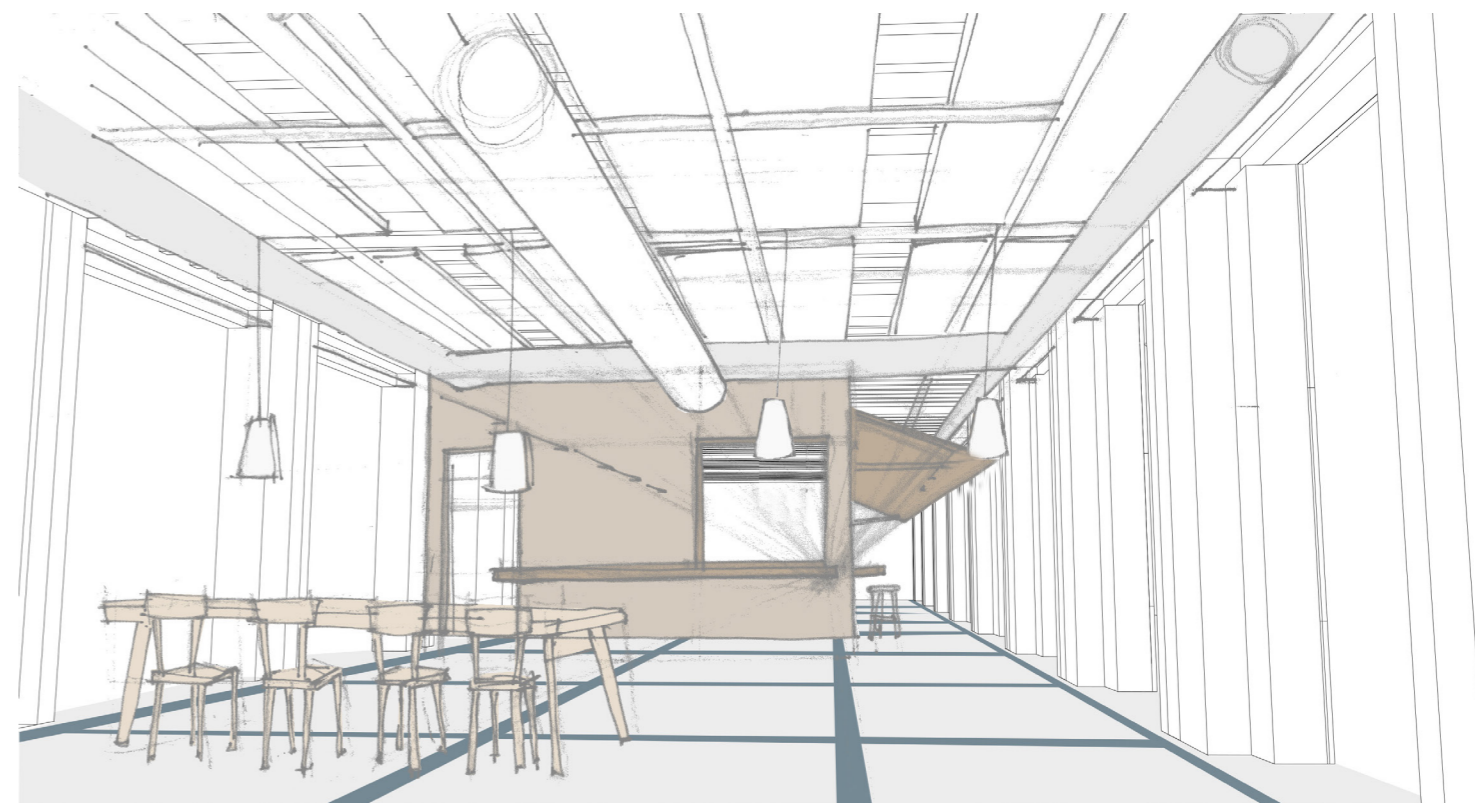
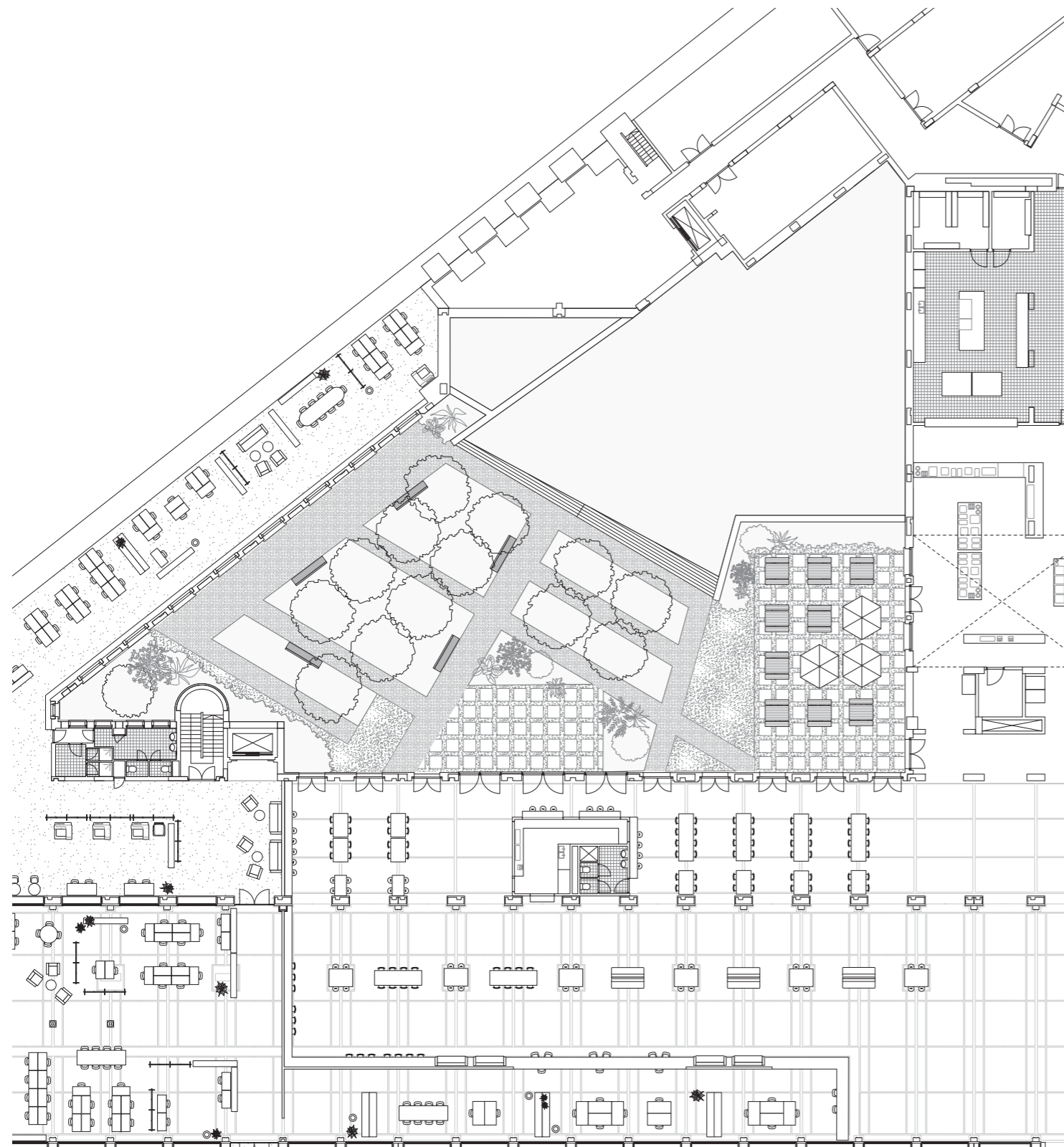


Photographs of the historic situation in the banking hall with service counters placed in the hall itself (left) and clerical workers working in an open office plan in the banking hall (right).

FROM AN ABANDONED BANKING HALL TO A WELCOMING INTERIOR SQUARE



INTERMEDIARY SPACE WHERE BANKING HALL AND COURTYARD COME TOGETHER

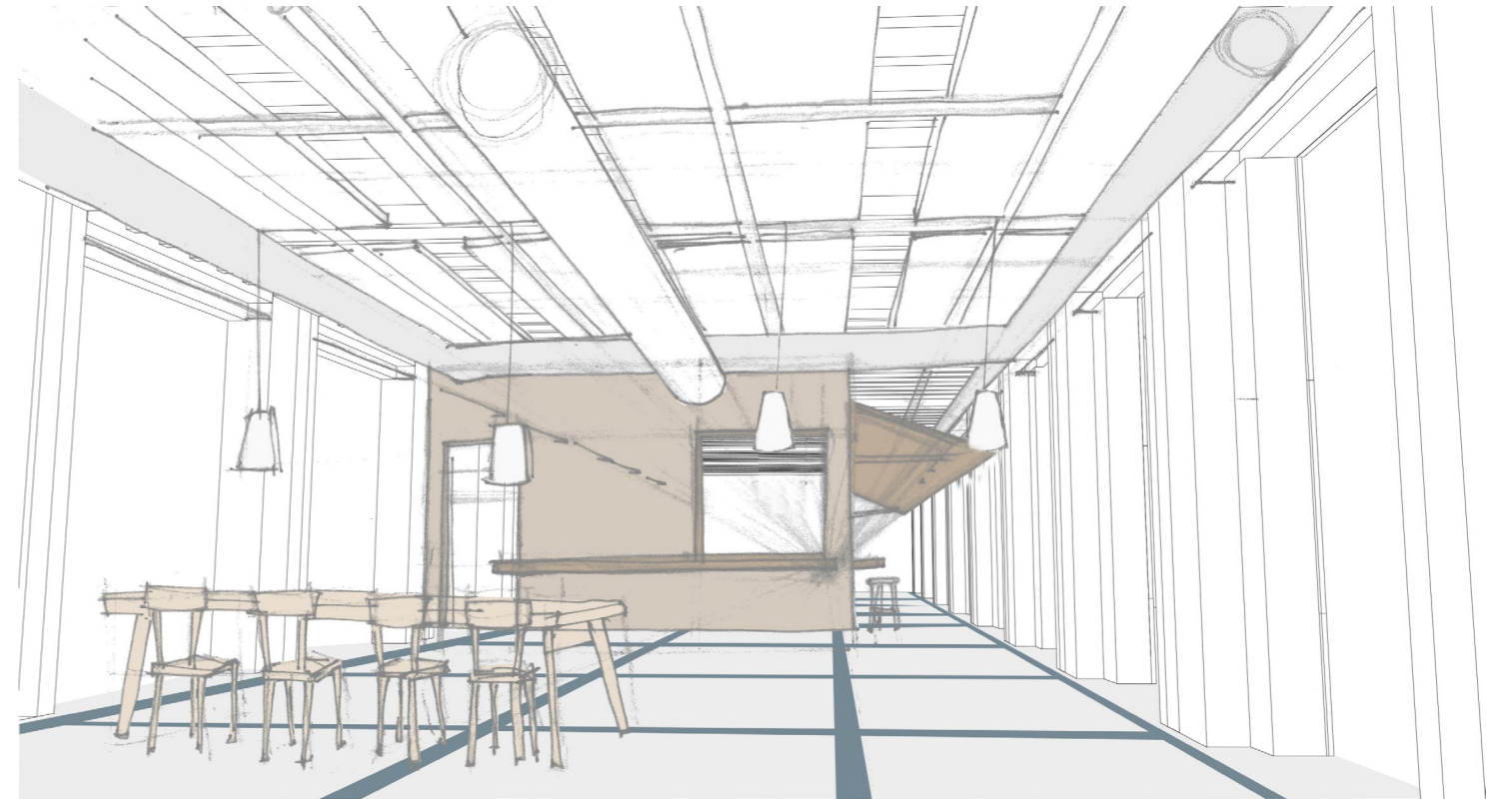


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Scale 1:350_a3
National Bank of Belgium
Brussels

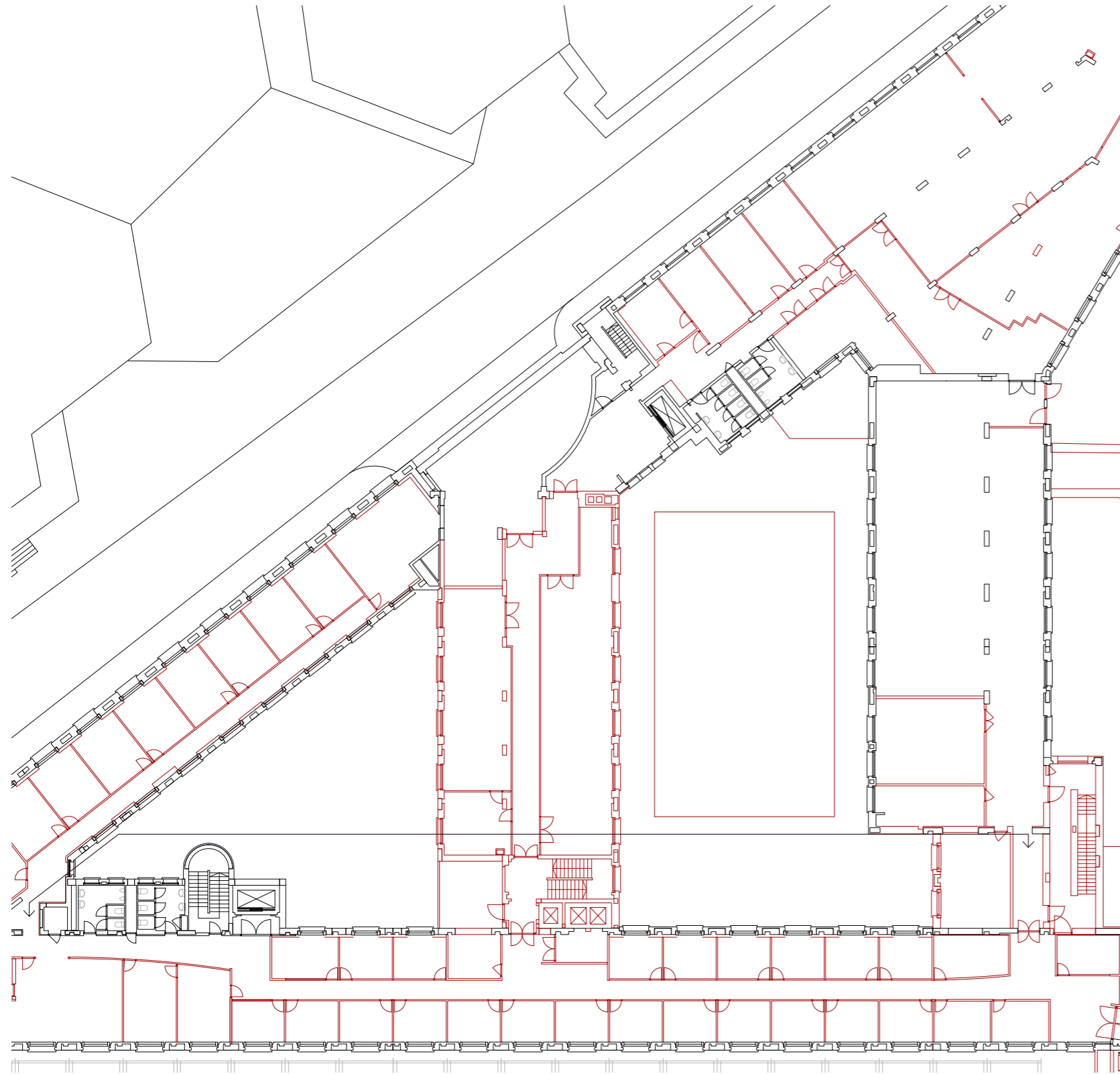


INTERMEDIARY SPACE WHERE BANKING HALL AND COURTYARD COME TOGETHER



Taffellandschap in de Singel, Antwerp by Christian Kieckens.

FROM FUNCTIONAL SPACE TO TRANSITIONAL ZONE

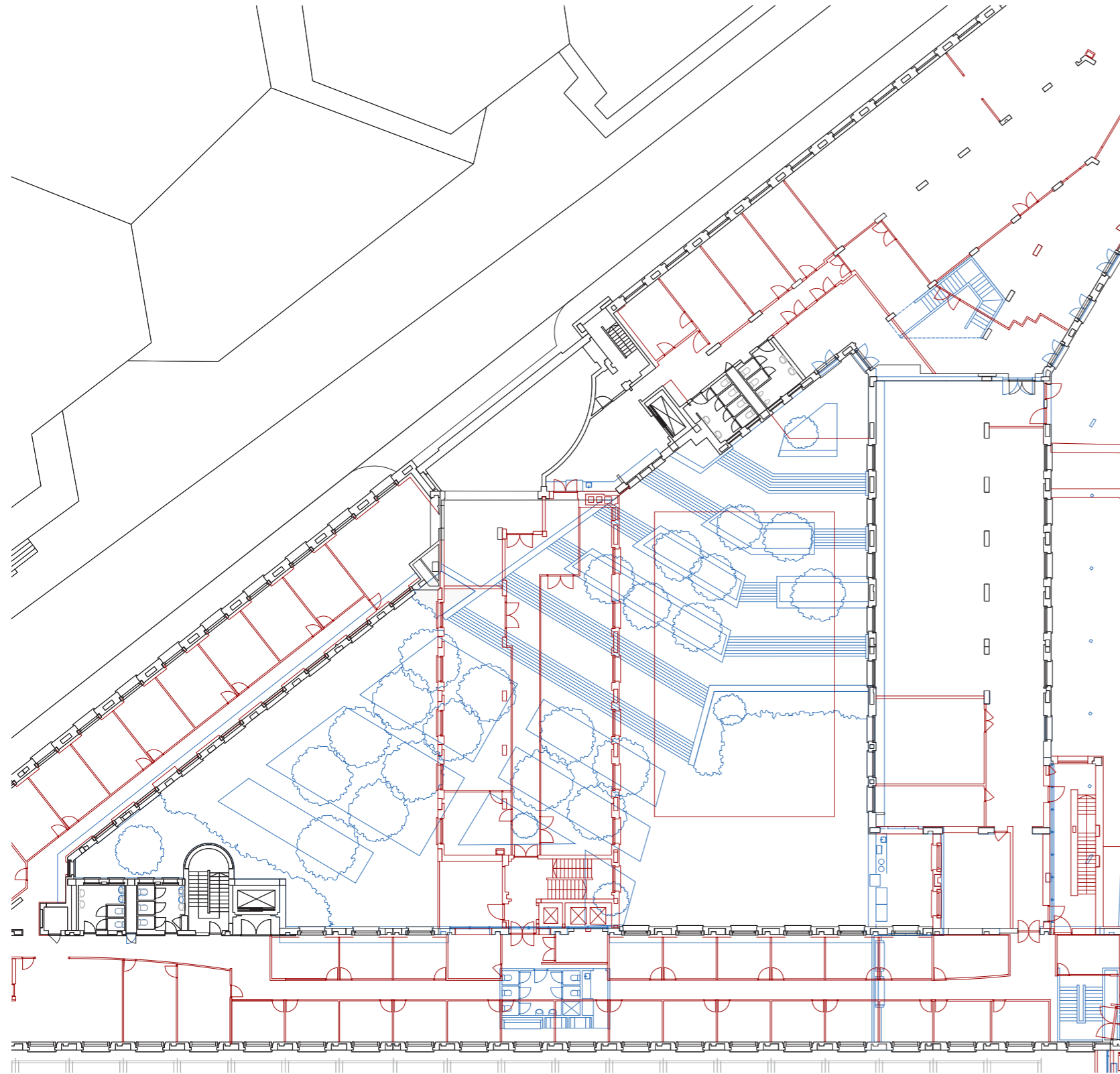


FIRST FLOOR

Scale 1:350_a3
National Bank of Belgium
Brussels



FROM FUNCTIONAL SPACE TO TRANSITIONAL ZONE

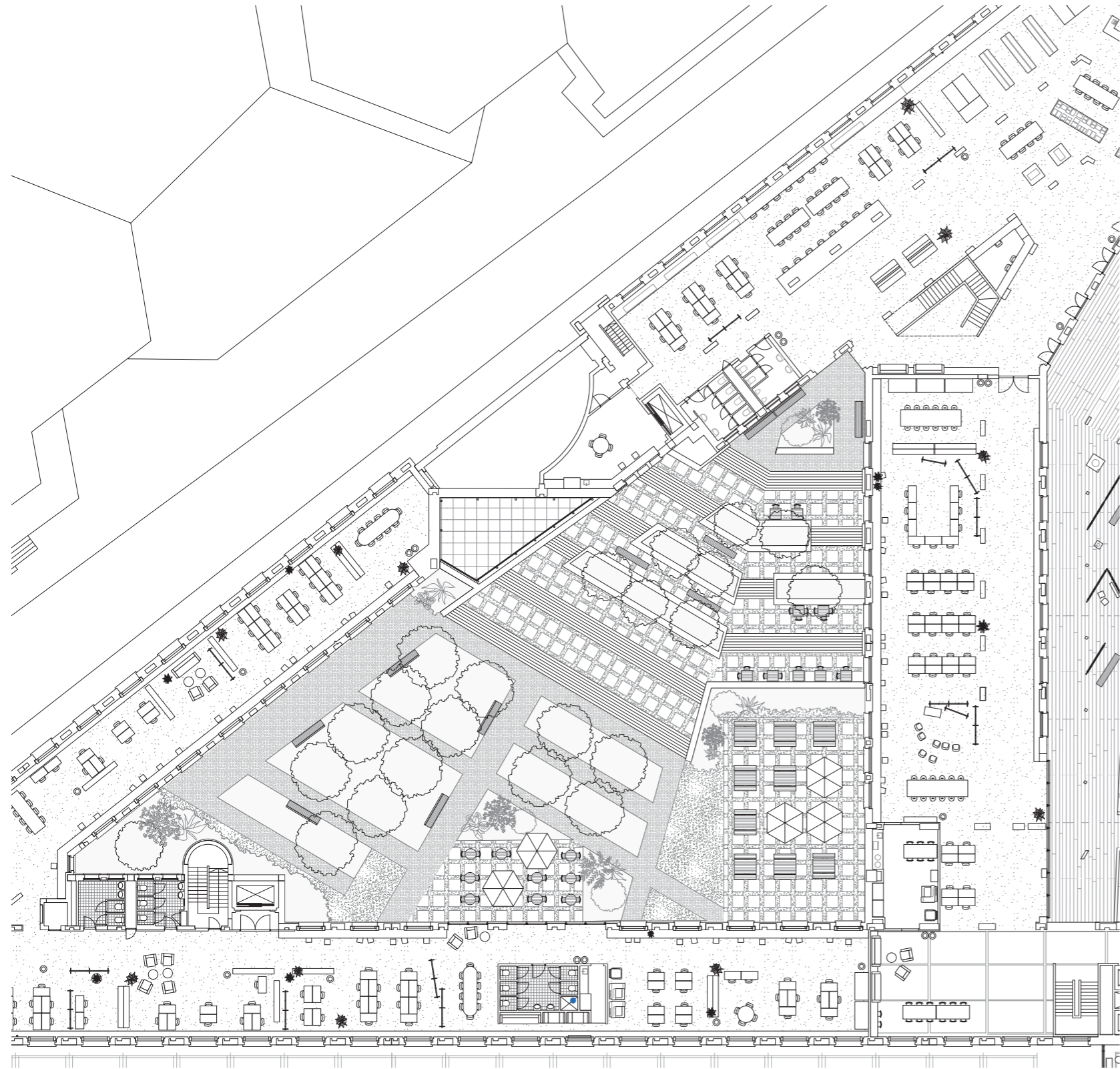


FIRST FLOOR

Scale 1:350_a3
National Bank of Belgium
Brussels



A COURTYARD FOR ALL USERS



FIRST FLOOR

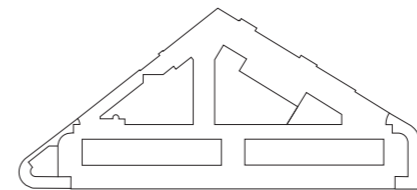
Scale 1:350_a3
National Bank of Belgium
Brussels



A COURTYARD FOR ALL USERS



REPARING THE EXPOSED FACADES



ELEVATION COURTYARD

Scale 1:200
National Bank of Belgium
Brussels

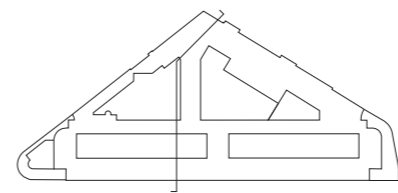
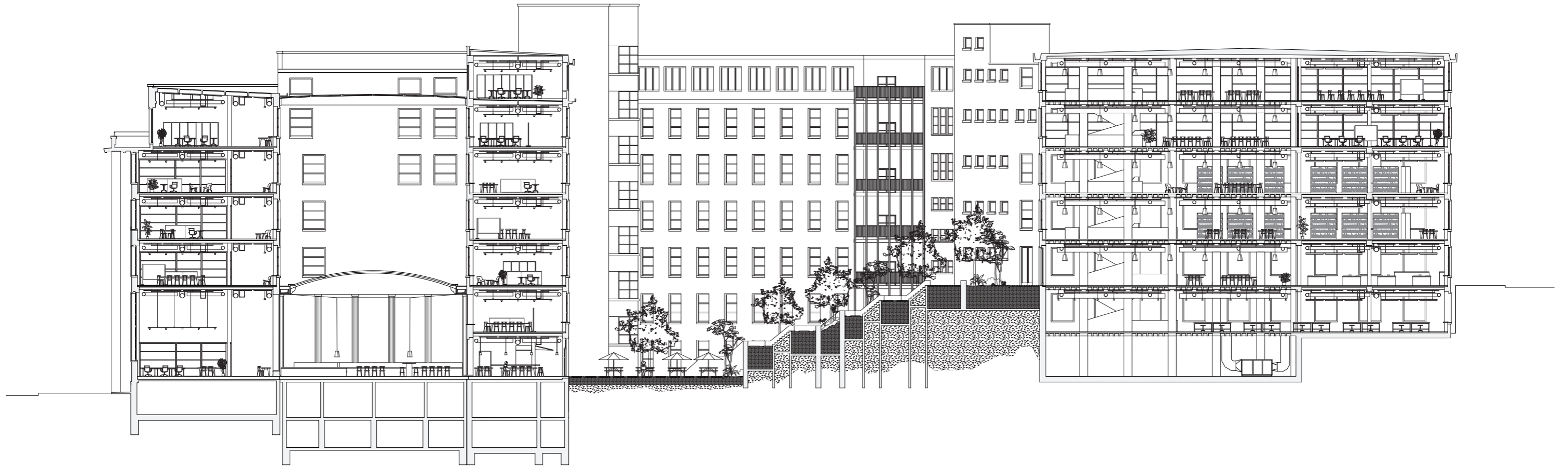
STITCHING THE EXPOSED FACADE



FILLING IN THE GAP WITH BALCONIES



LANDSCAPE OF TERRACES AND STAIRCASES CONNECTING EDUCATIONAL CLUSTER AND BANKING HALL

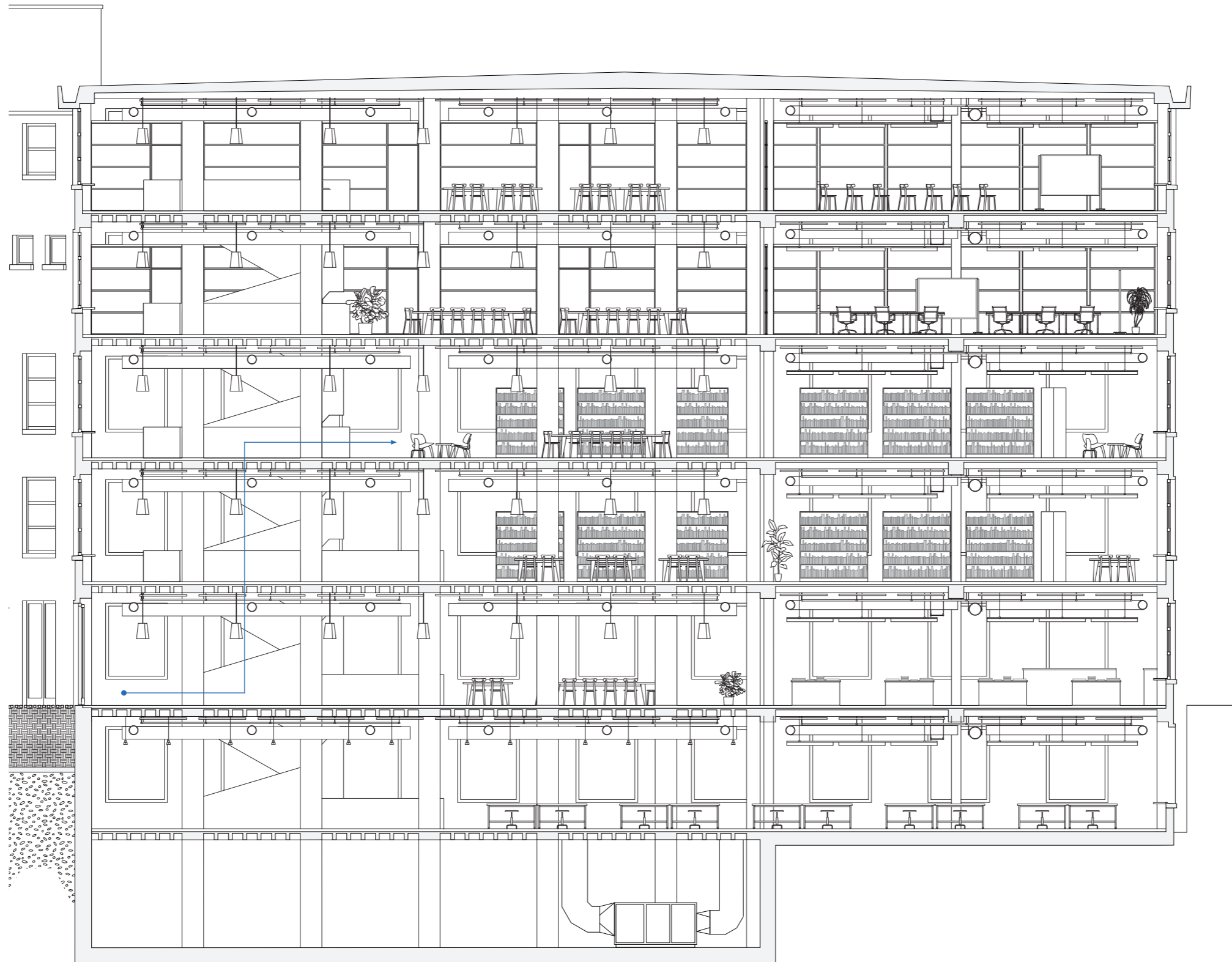


SECTION THROUGH COURTYARD

Scale 1:330_a3
National Bank of Belgium
Brussels



CENTRAL STAIRCASE IN EDUCATIONAL CLUSTER

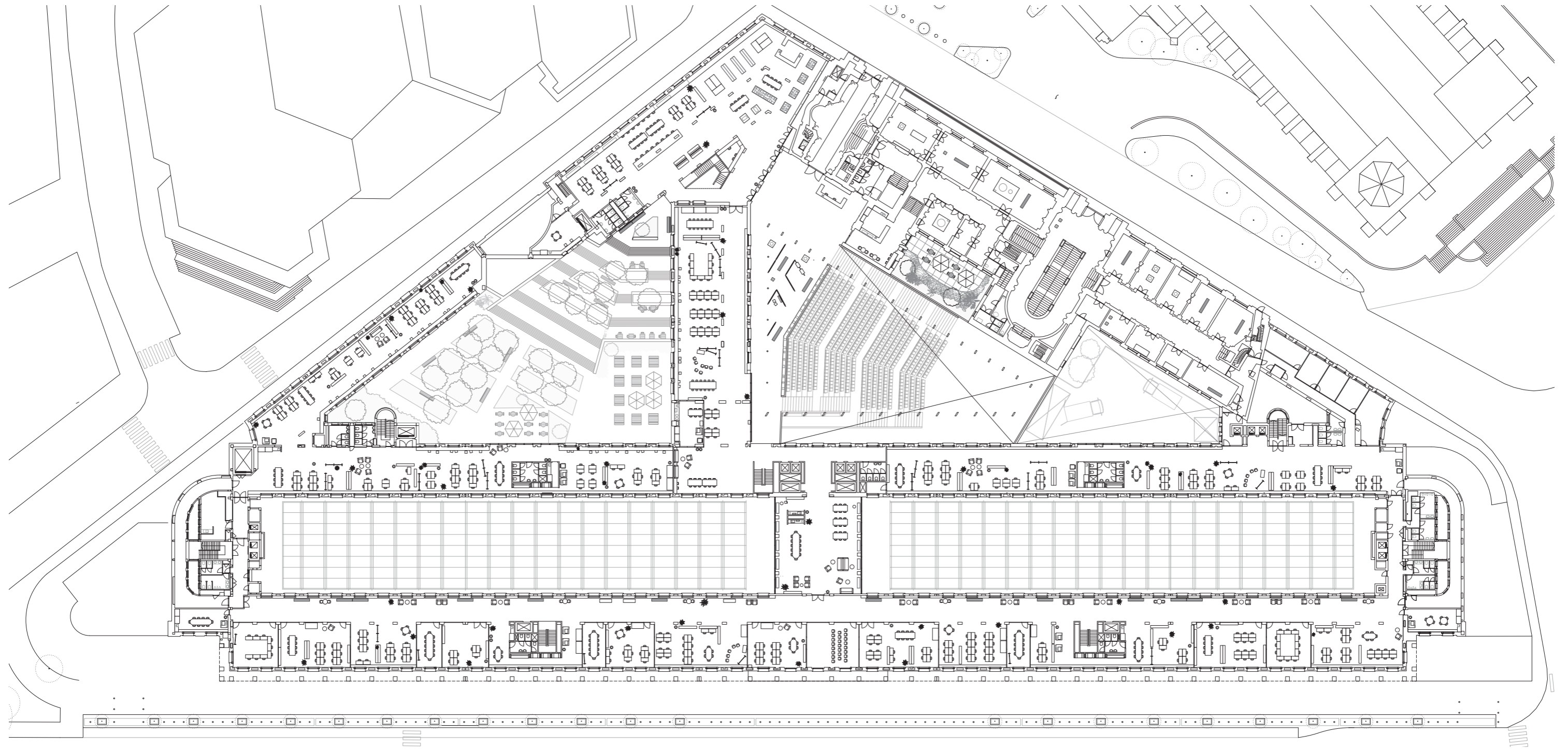


SECTION THROUGH EDUCATIONAL CLUSTER

Scale 1:150_a3
National Bank of Belgium
Brussels



A FLEXIBLE OFFICE LAYOUT

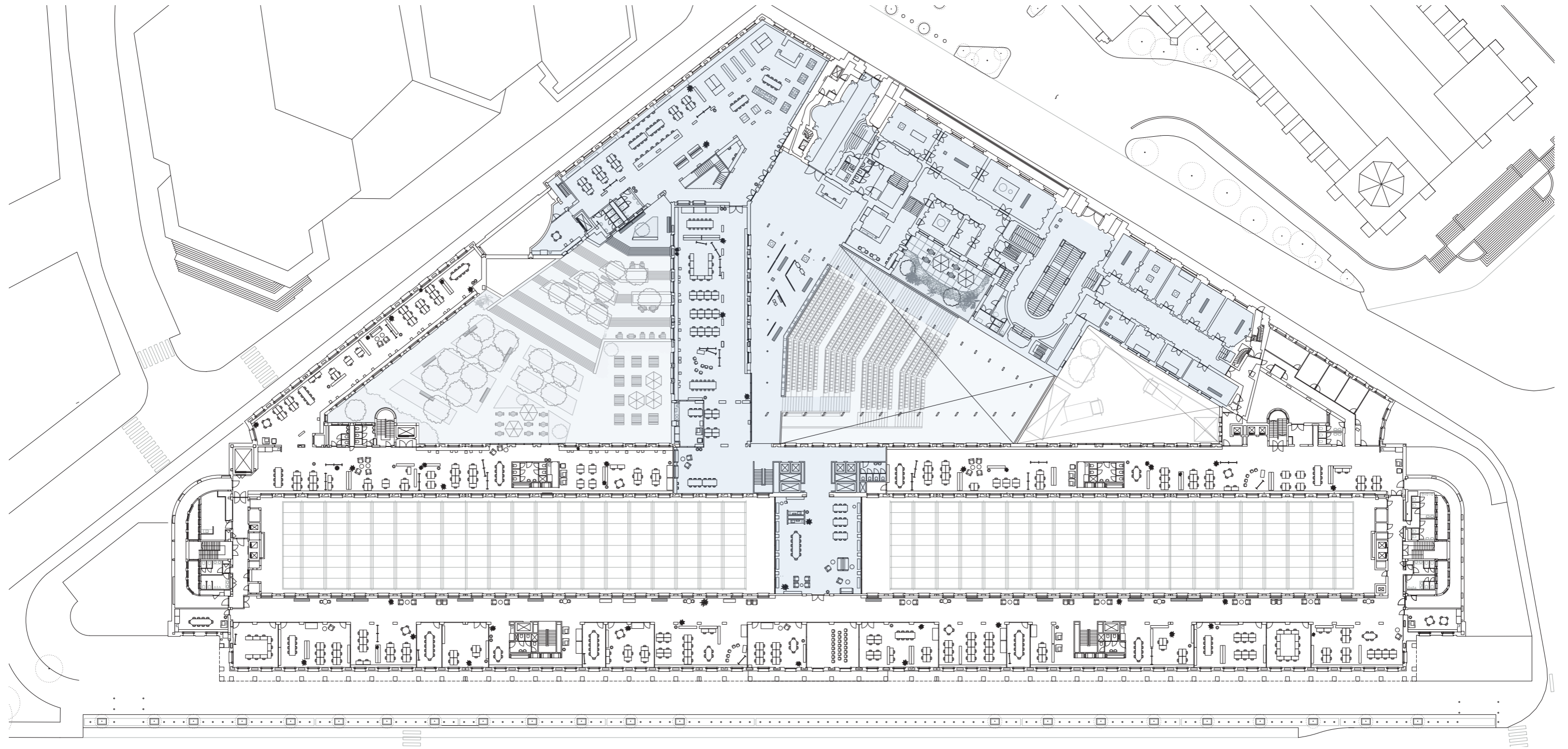


FIRST FLOOR

Scale 1:650_a3
National Bank of Belgium
Brussels



PUBLIC VERSUS PRIVATE

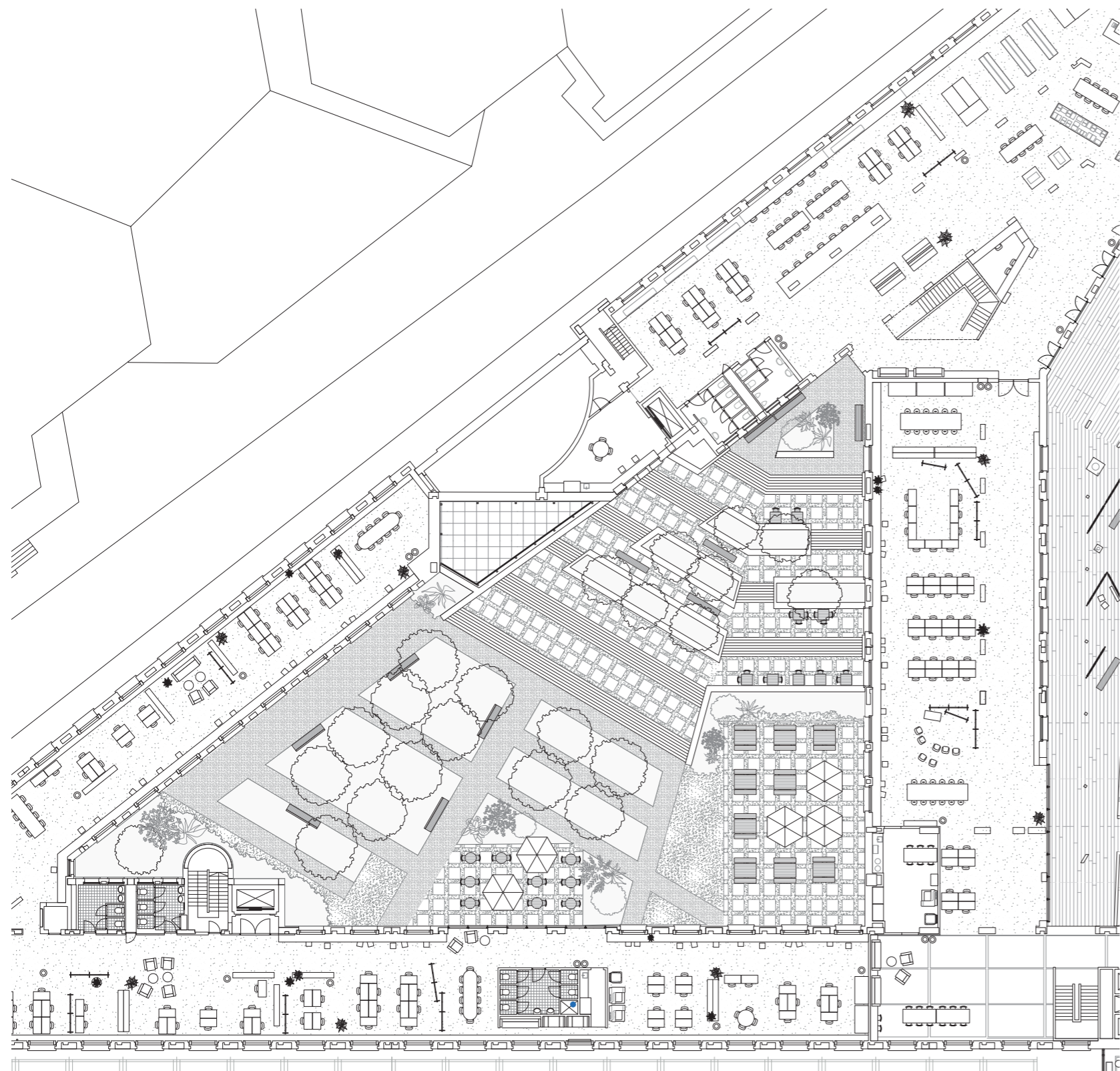


FIRST FLOOR

Scale 1:650_a3
National Bank of Belgium
Brussels



OFFICES FACING THE COURTYARD



FIRST FLOOR

Scale 1:350_a3
National Bank of Belgium
Brussels

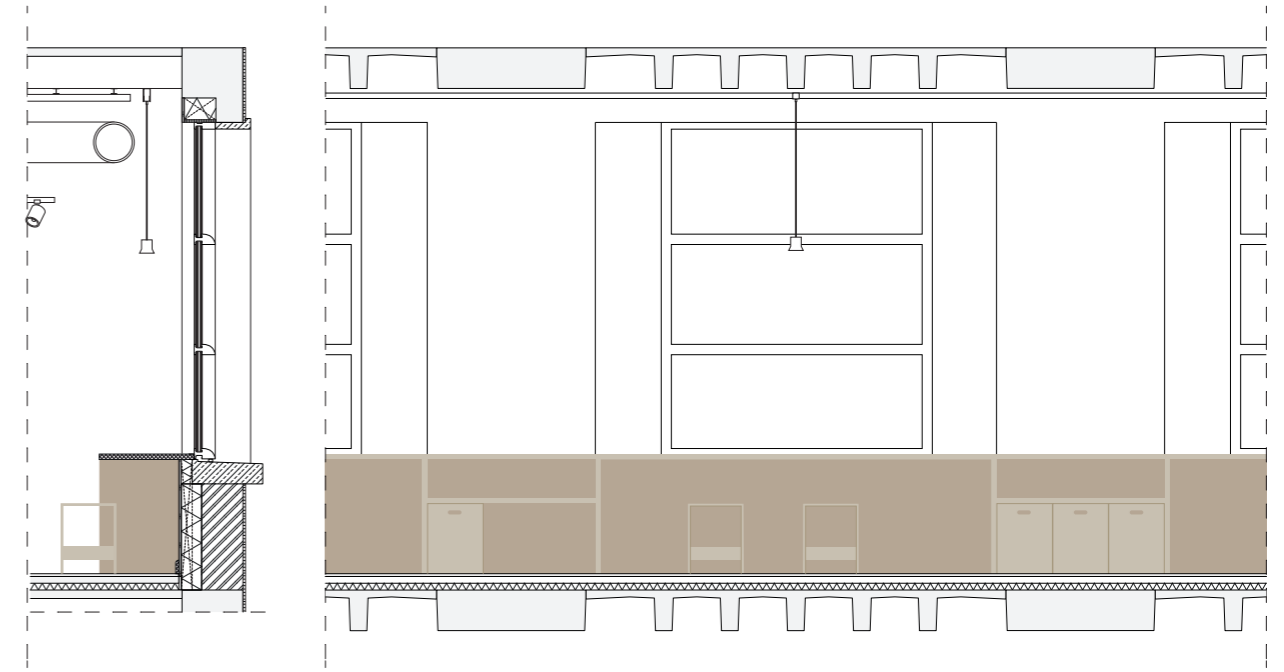
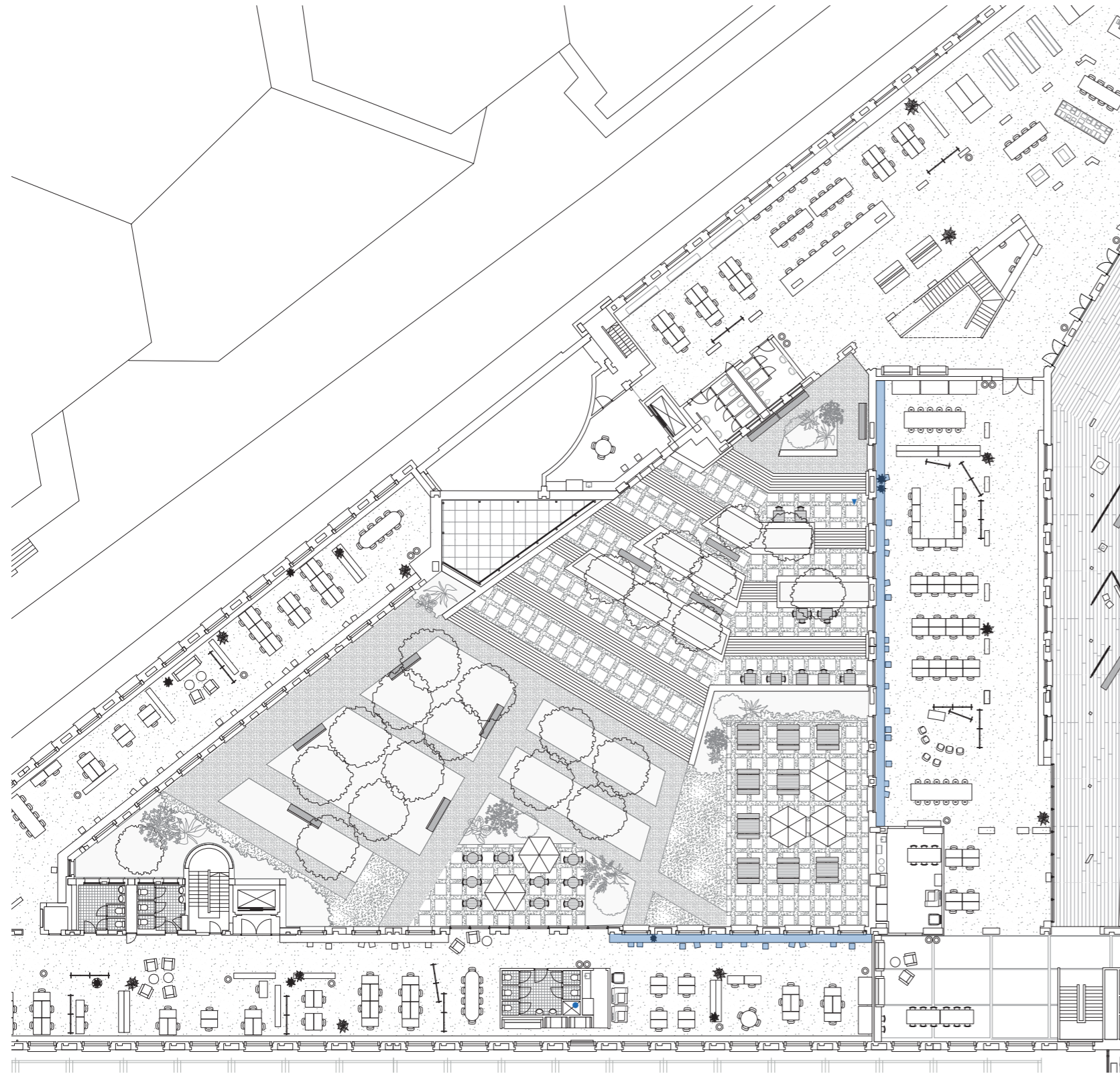


WORKING TOGETHER



Paper model of the Ford foundation The Ford Foundation in New York, United States by Roche Dinkeloo and Associates

INTERMEDIARY SPACE CONNECTING THE OFFICE AND COURTYARD

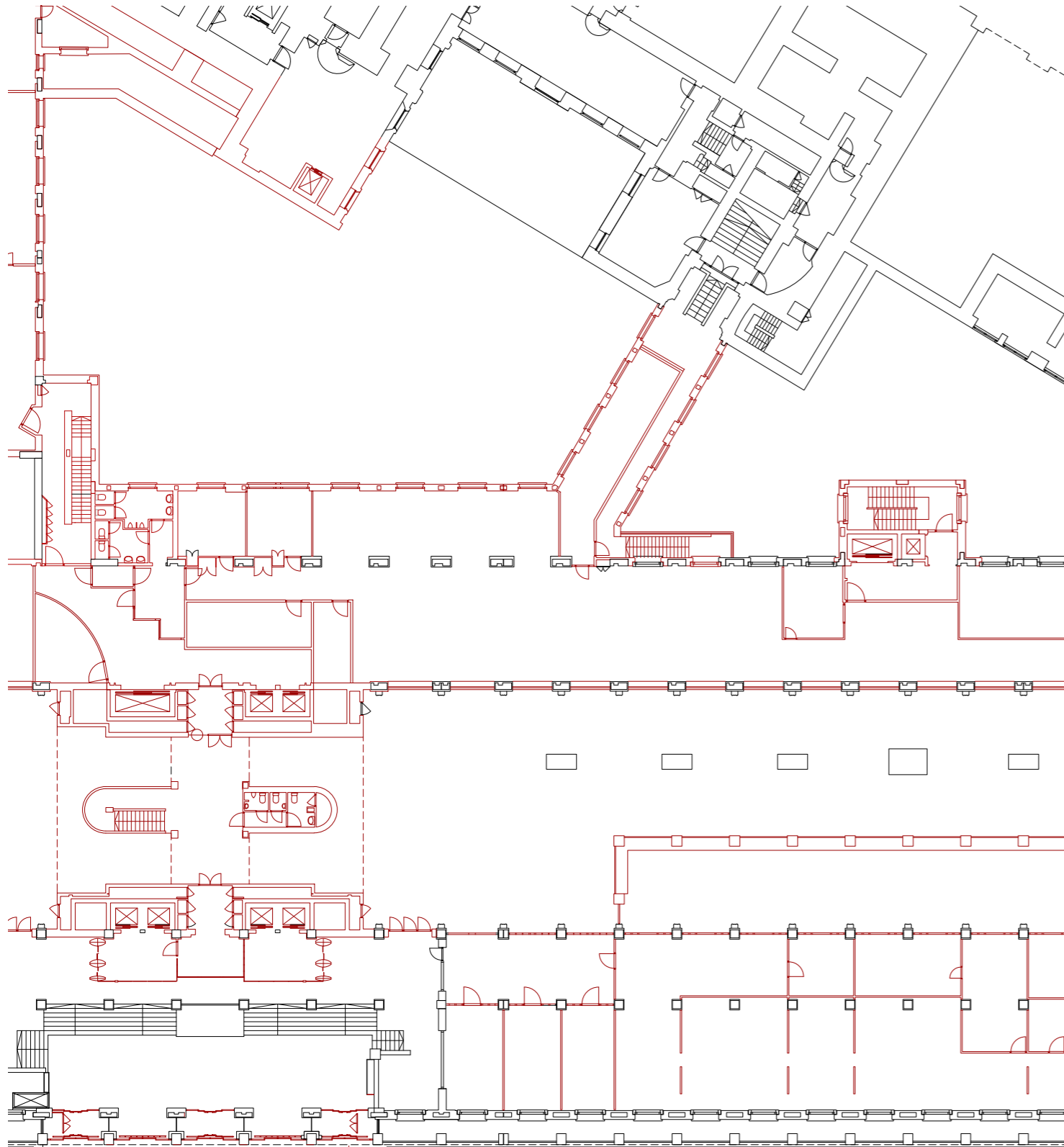


FIRST FLOOR

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National Bank of Belgium
Brussels



UNUSED CONNECTION BETWEEN BANKING HALL AND HOTEL

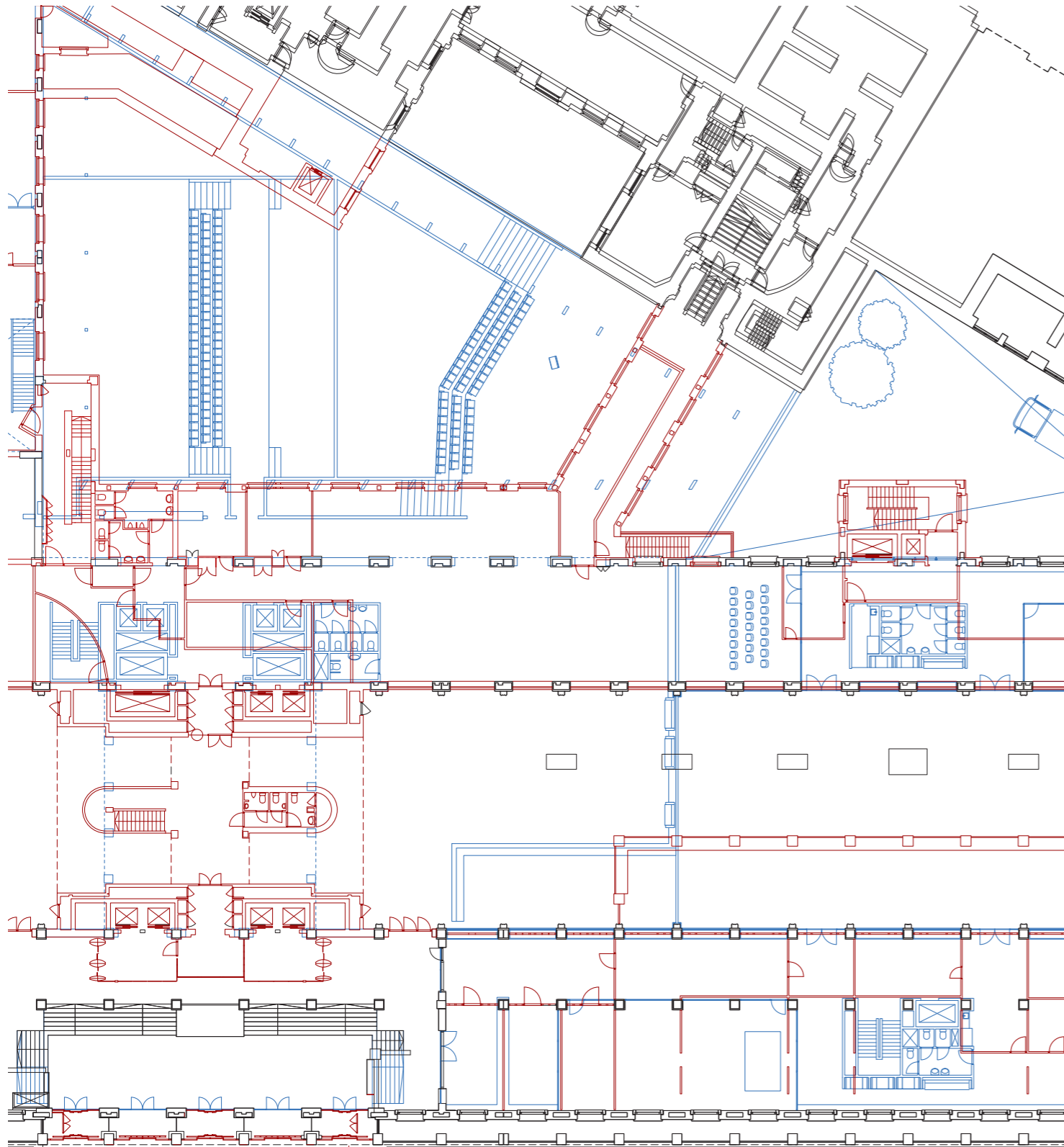


GROUND FLOOR

Scale 1:350_a3
National Bank of Belgium
Brussels



UNUSED CONNECTION BETWEEN BANKING HALL AND HOTEL

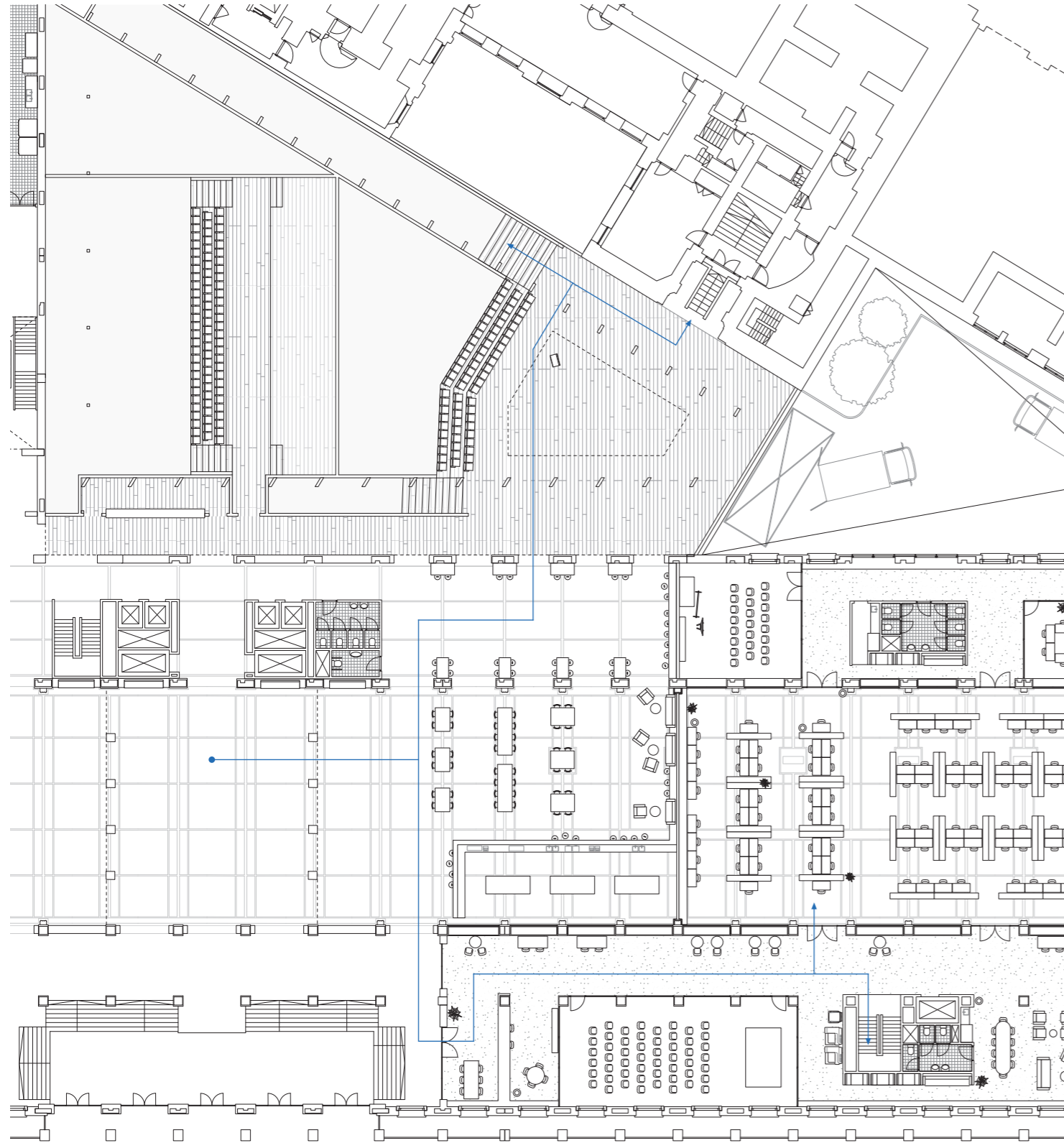


GROUND FLOOR

Scale 1:350_a3
National Bank of Belgium
Brussels



THE BANKING HALL AS A FOYER SPACE



GROUND FLOOR

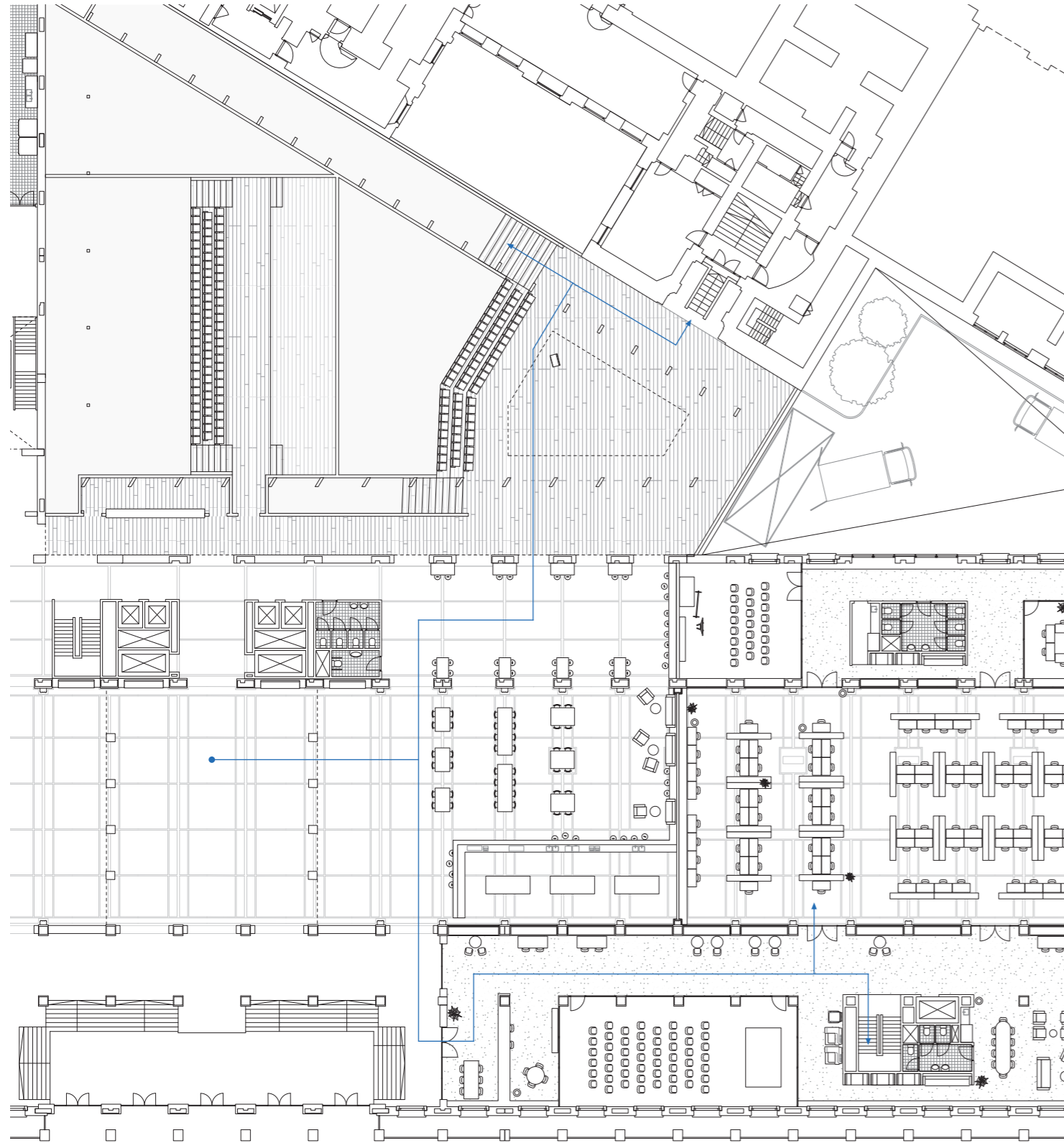
Scale 1:350_a3
National Bank of Belgium
Brussels



THE BANKING HALL AS A FOYER SPACE



OPEN OFFICE PLAN IN BANKING HALL

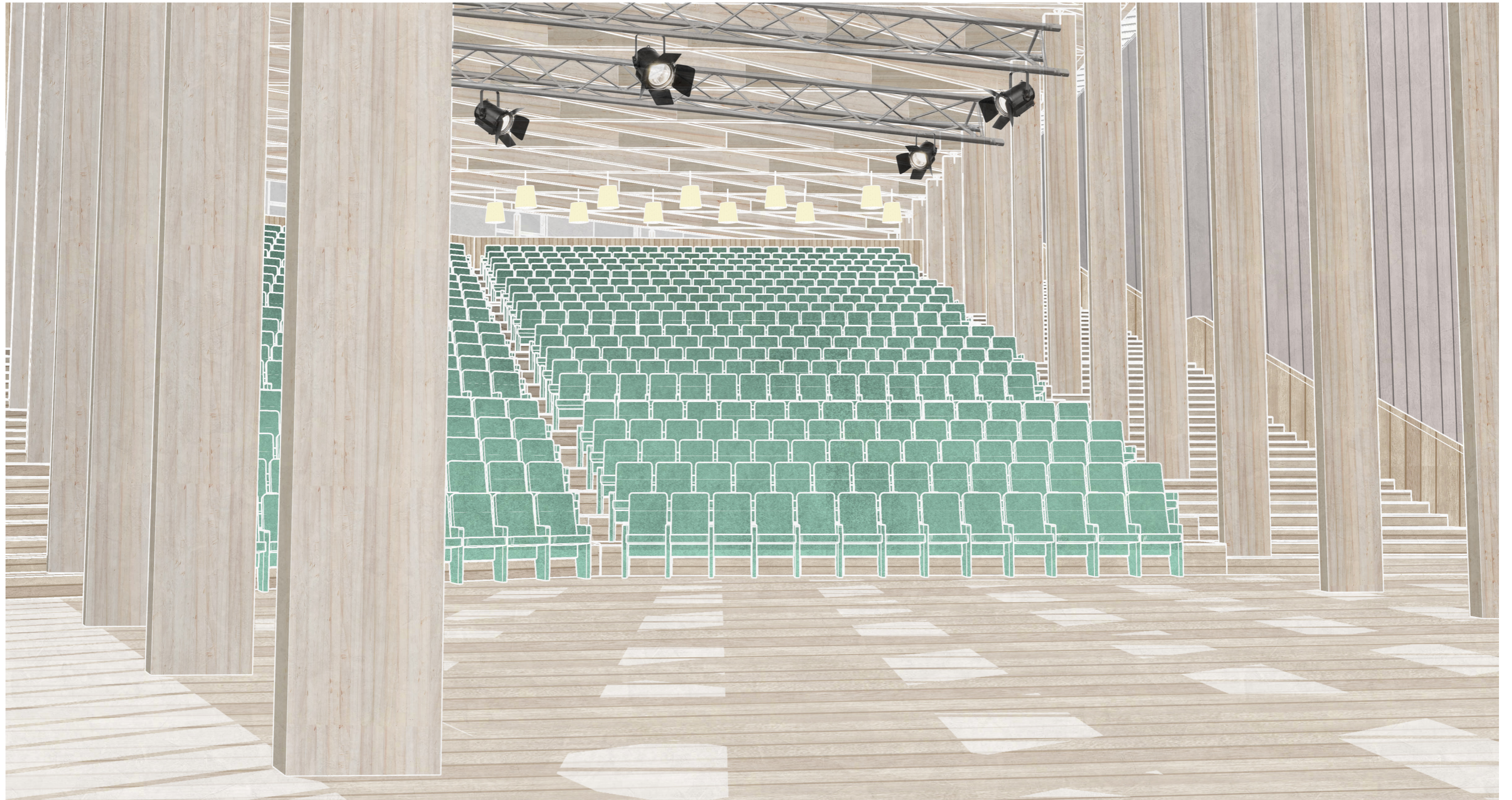


GROUND FLOOR

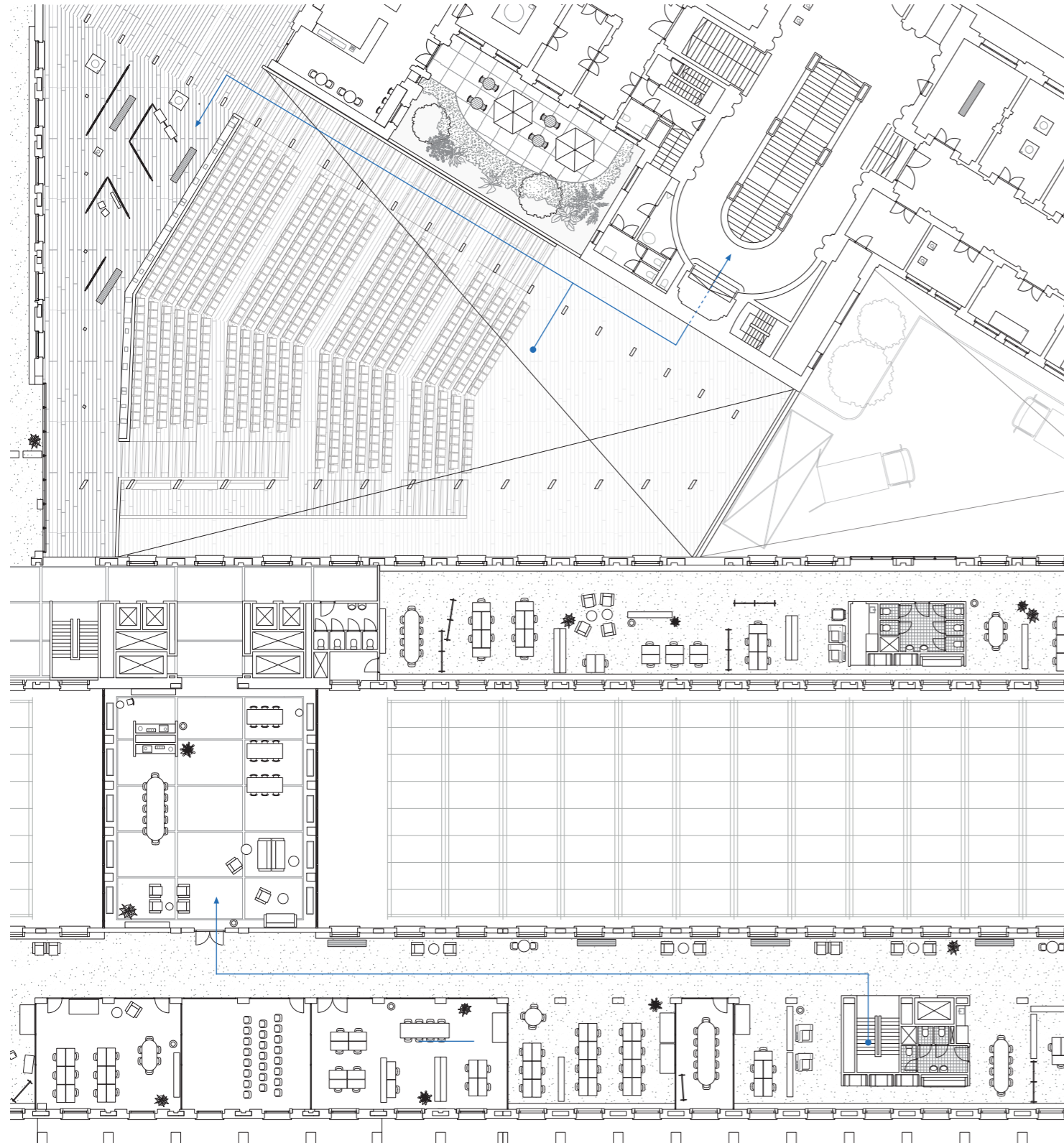
Scale 1:350_a3
National Bank of Belgium
Brussels



THE AUDITORIUM CONNECTING THE DIFFERENT BUILDING PARTS



FLEXIBLE EXHIBITION SPACE AT THE TOP OF THE AUDITORIUM

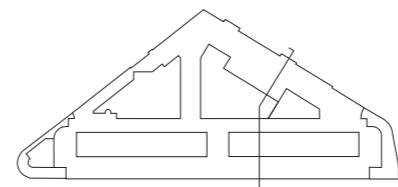
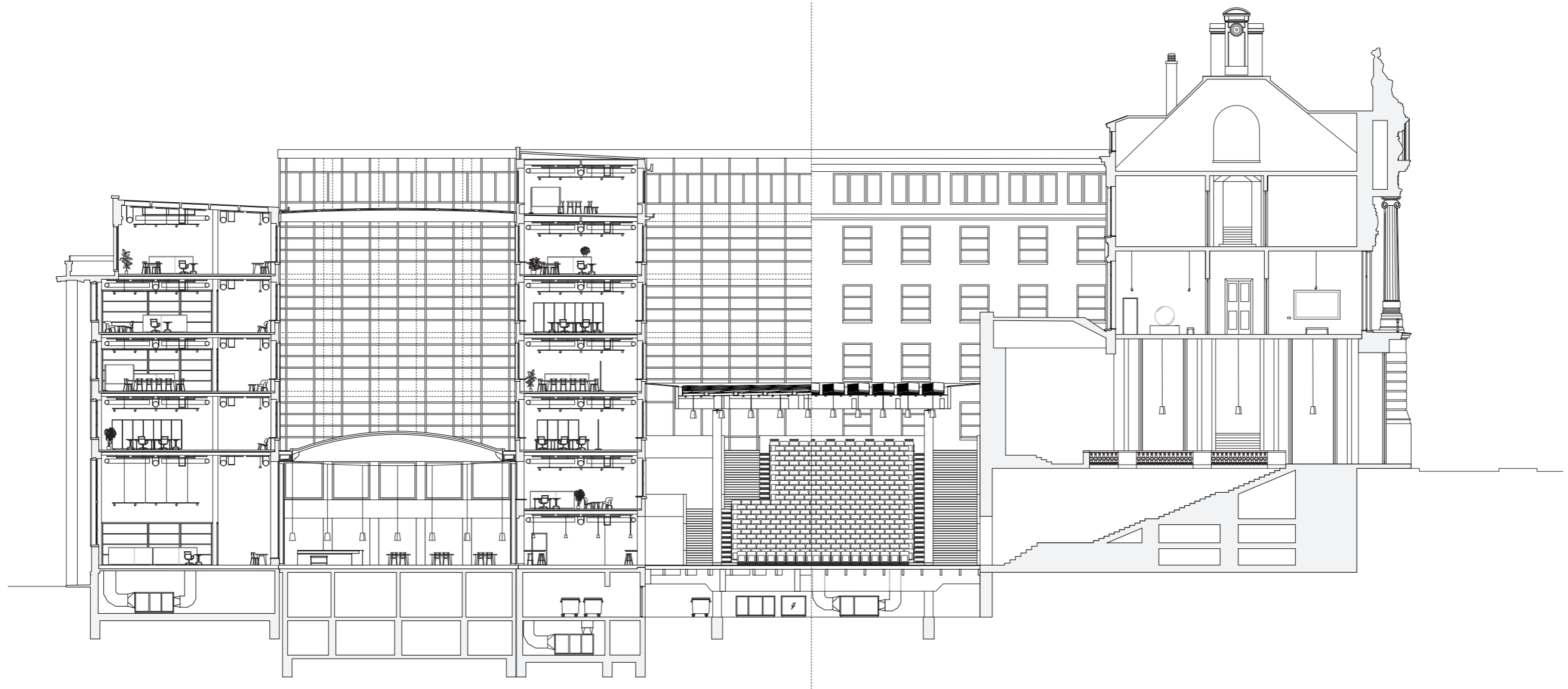


FIRST FLOOR

Scale 1:350_a3
National Bank of Belgium
Brussels



PUBLICLY ACCESSIBLE ROUTE THROUGH AUDITORIUM COURT

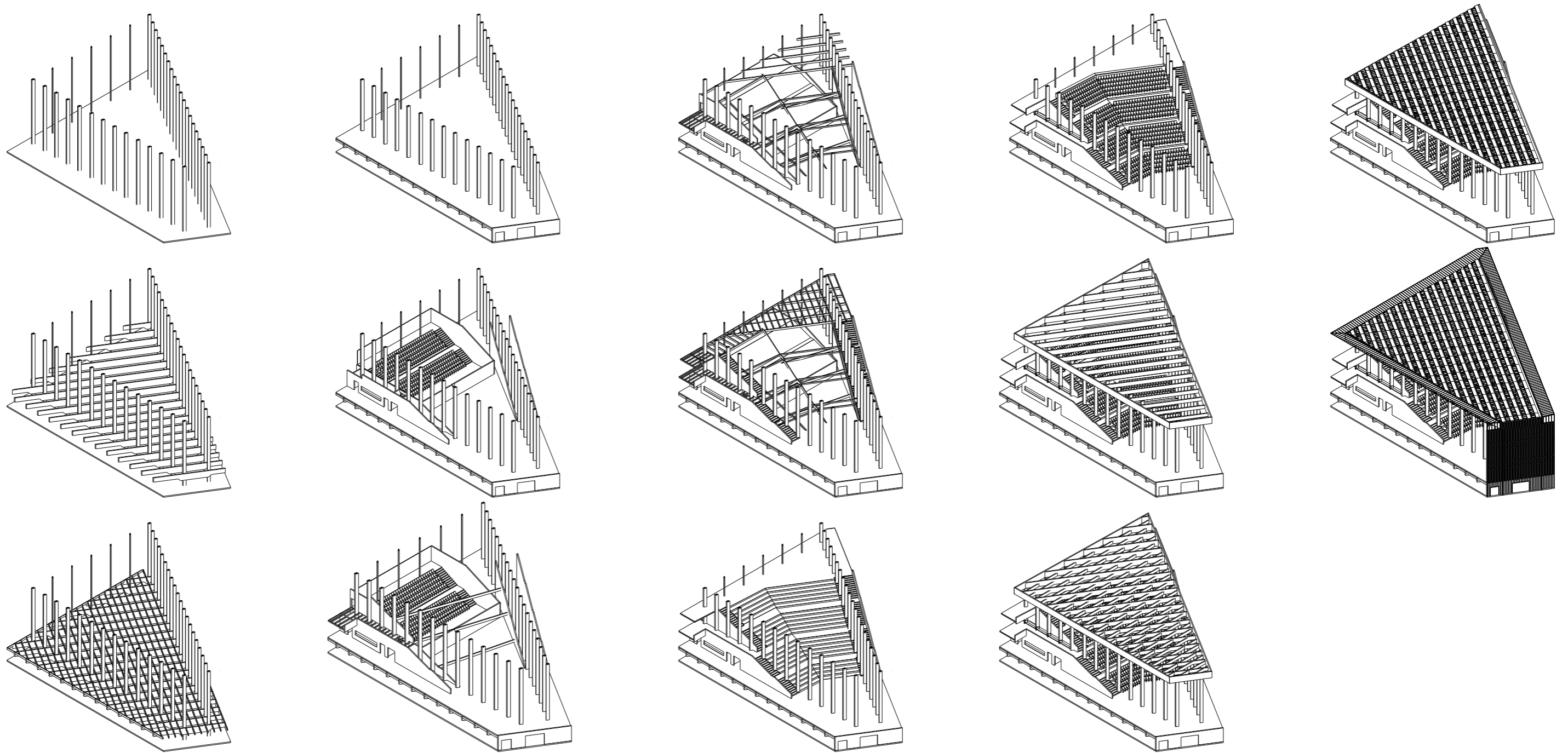


SECTION THROUGH AUDITORIUM

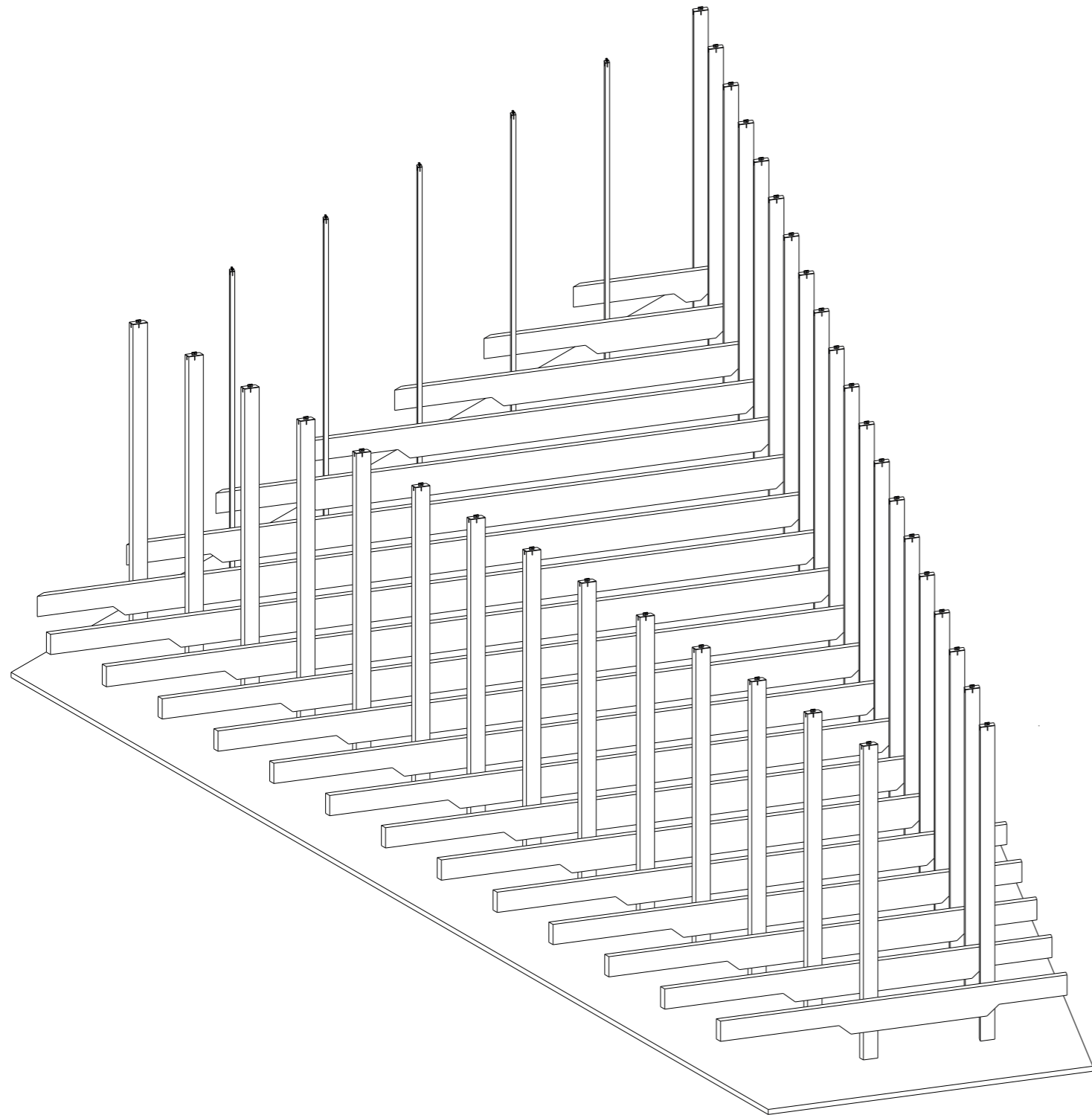
Scale 1:330_a3
National Bank of Belgium
Brussels



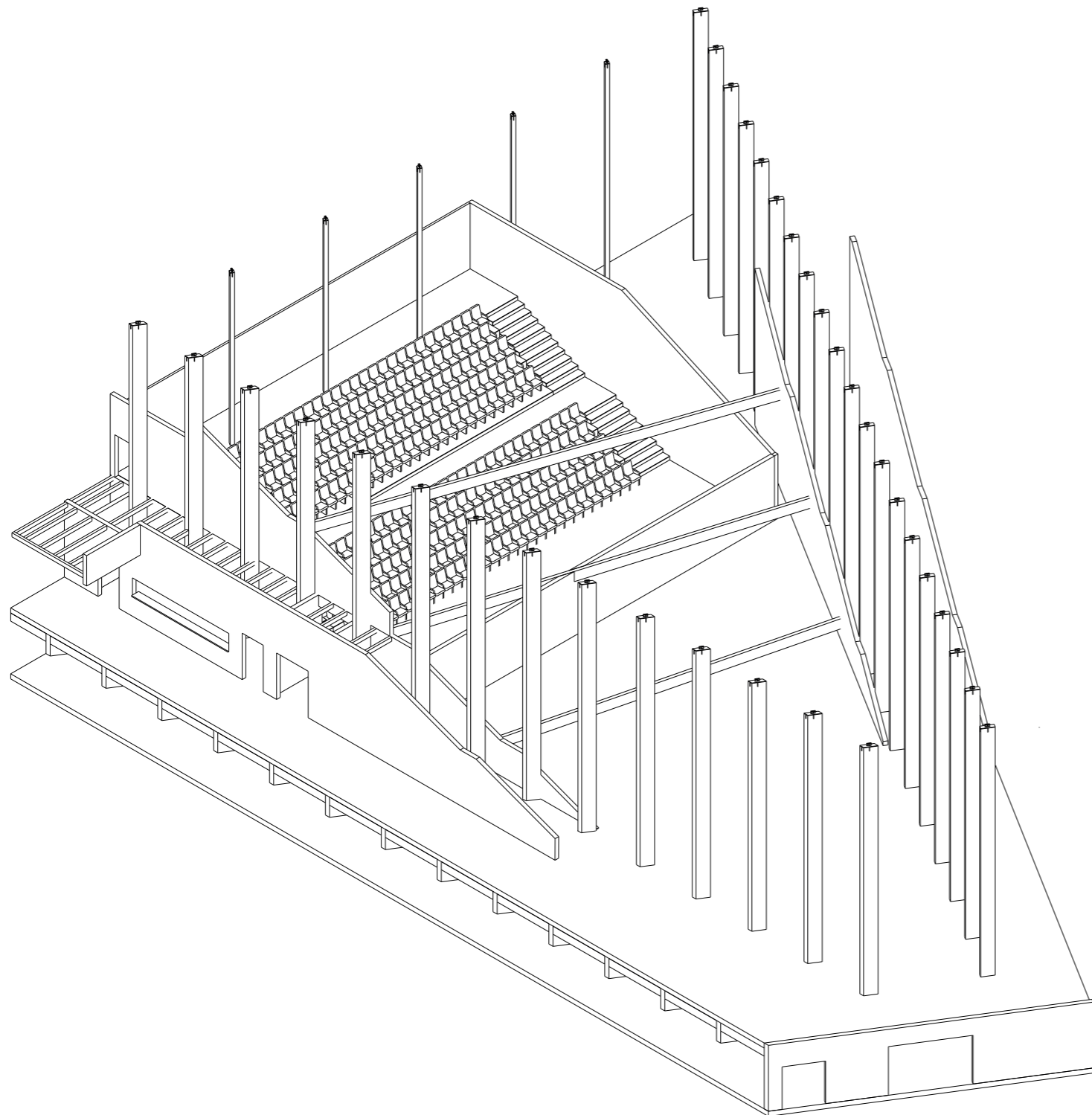
CONSTRUCTION OF AUDITORIUM



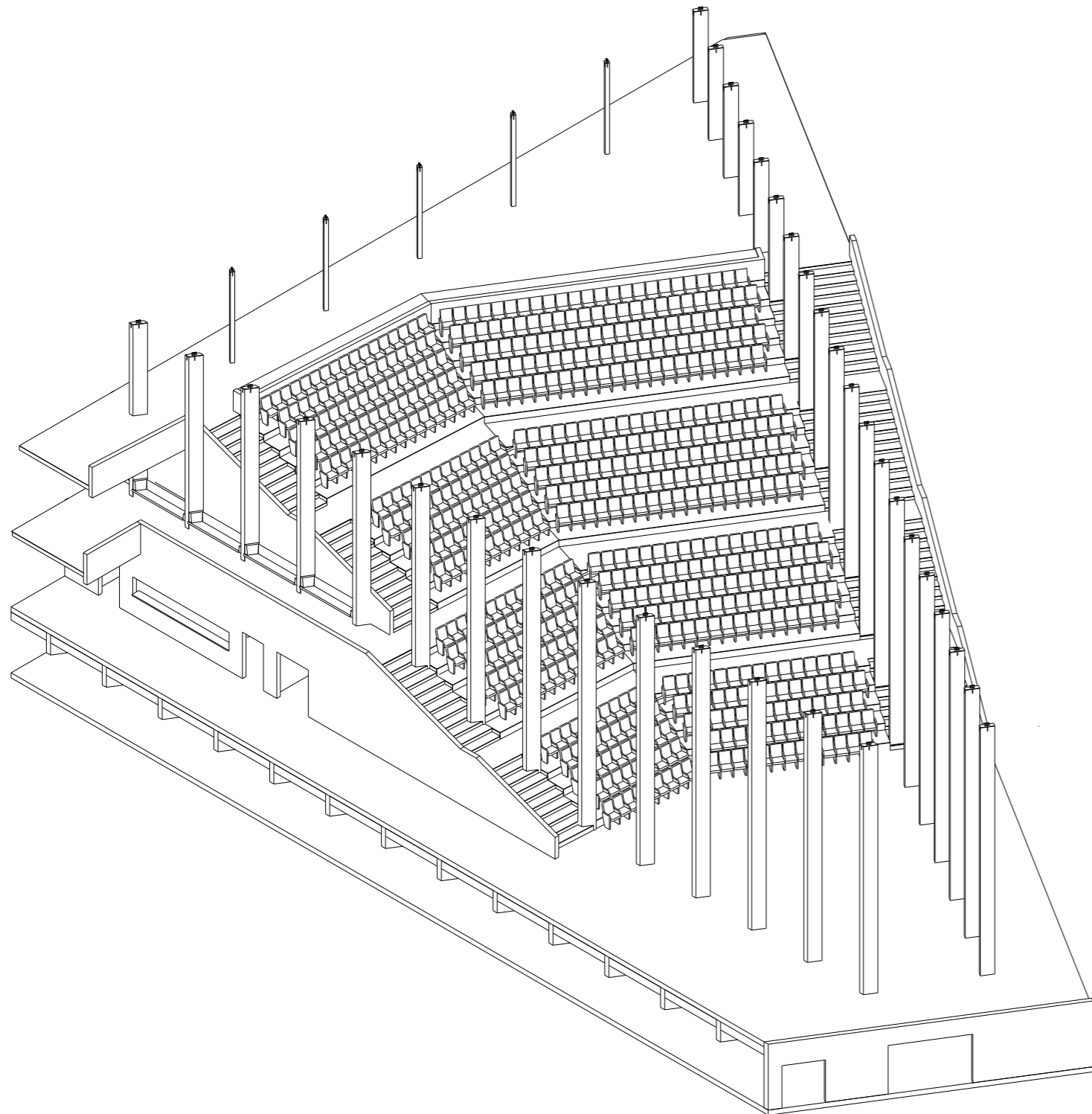
CONSTRUCTION OF AUDITORIUM



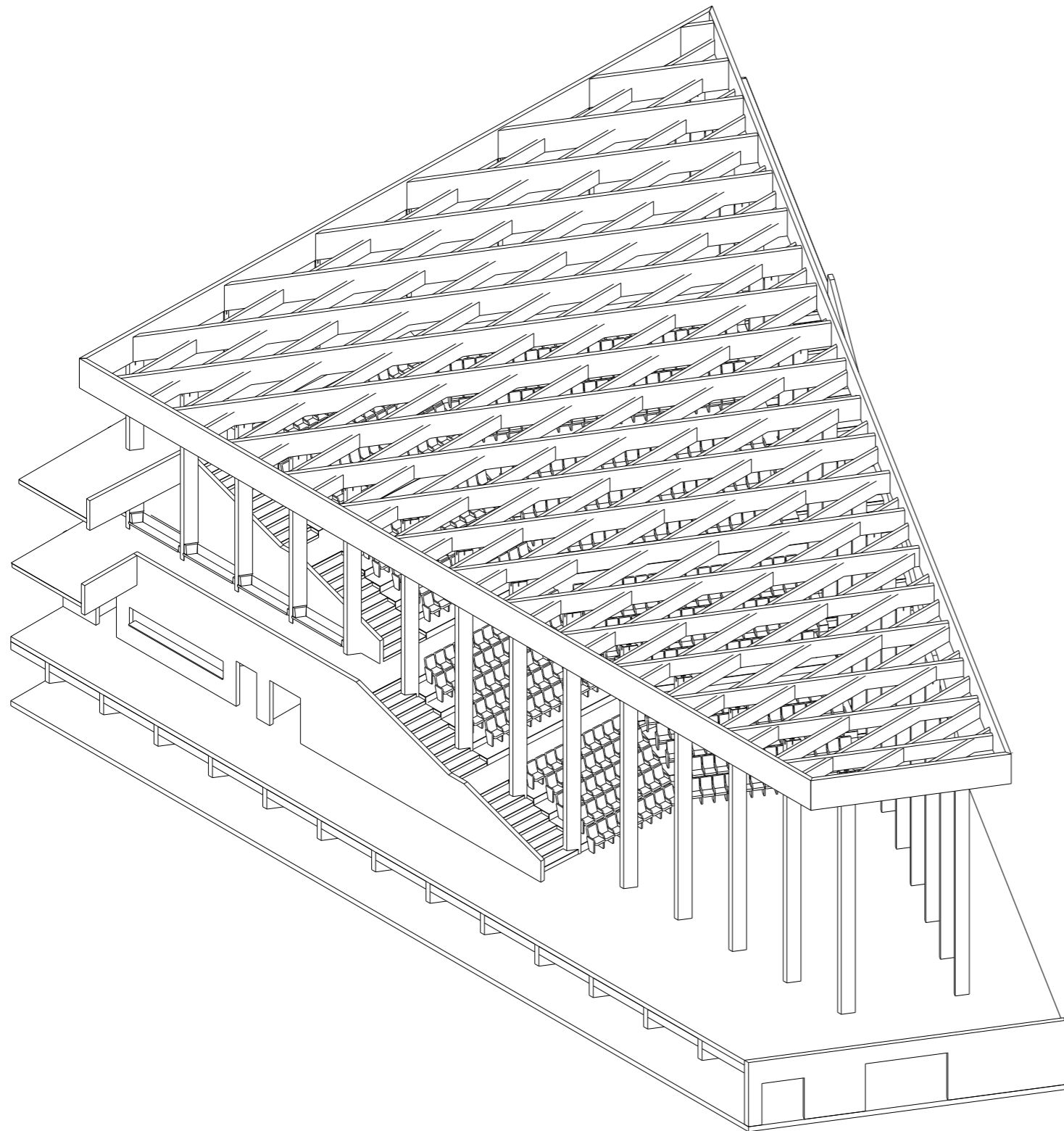
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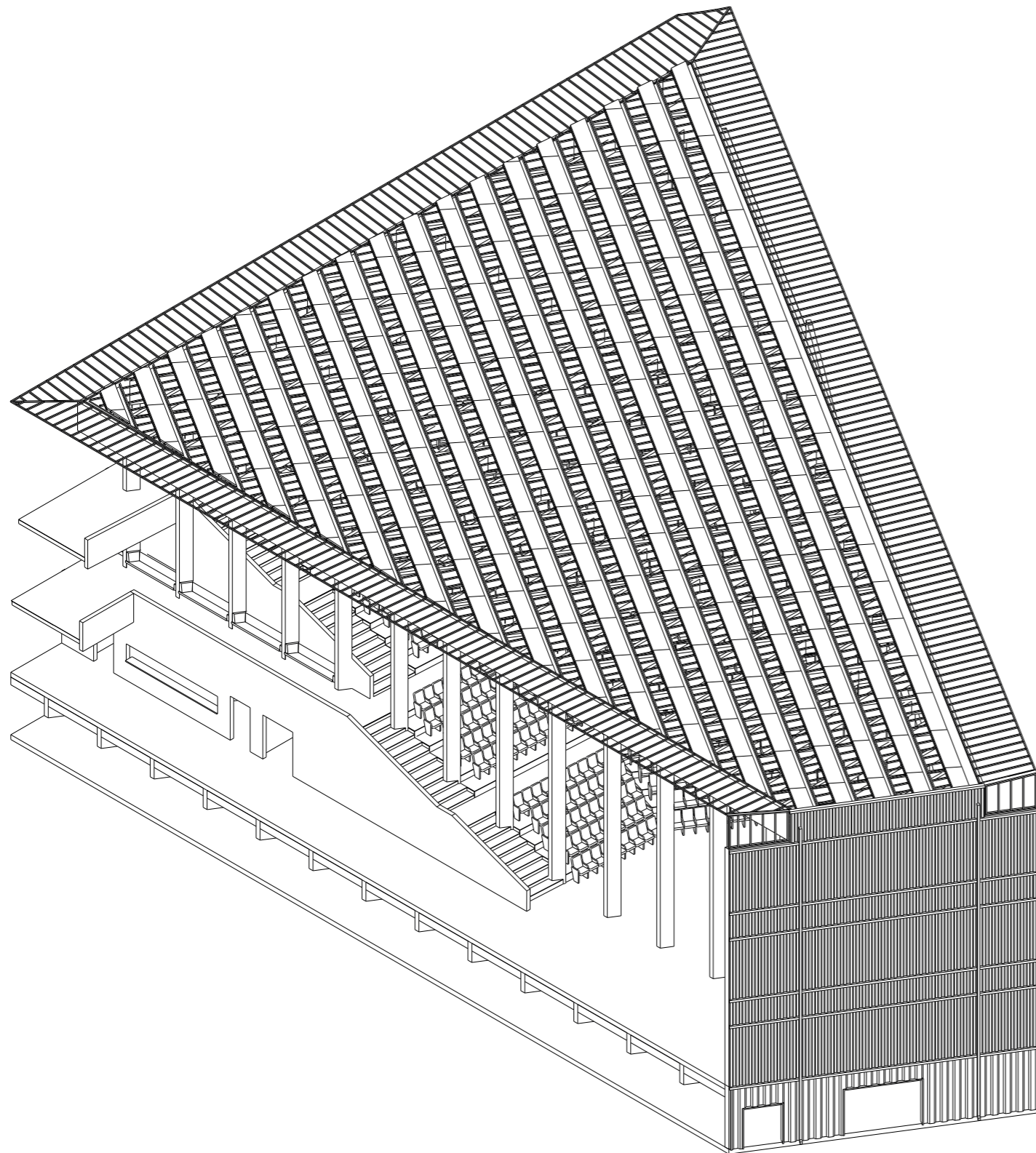
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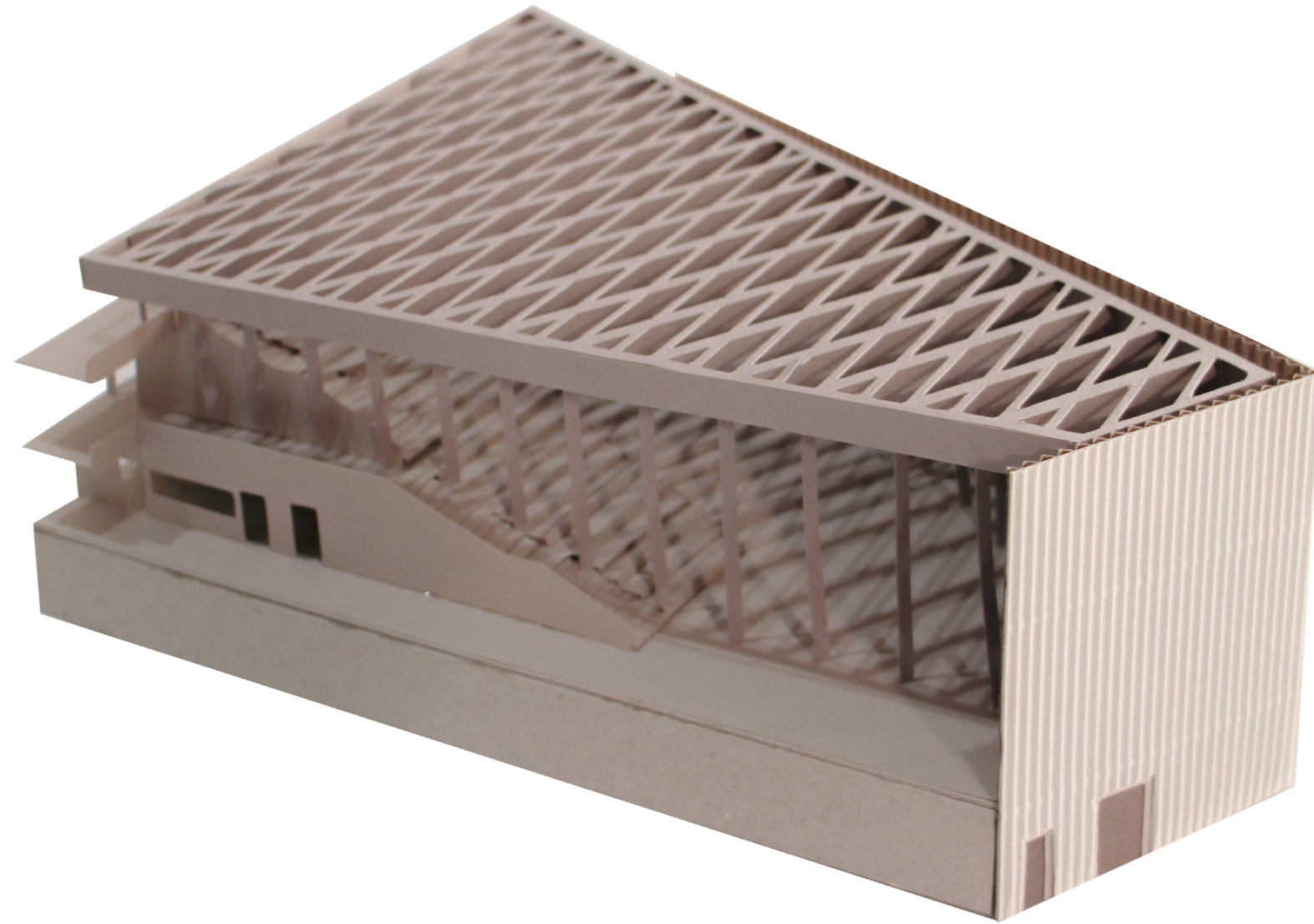


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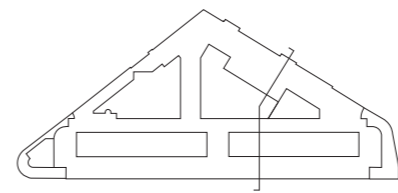
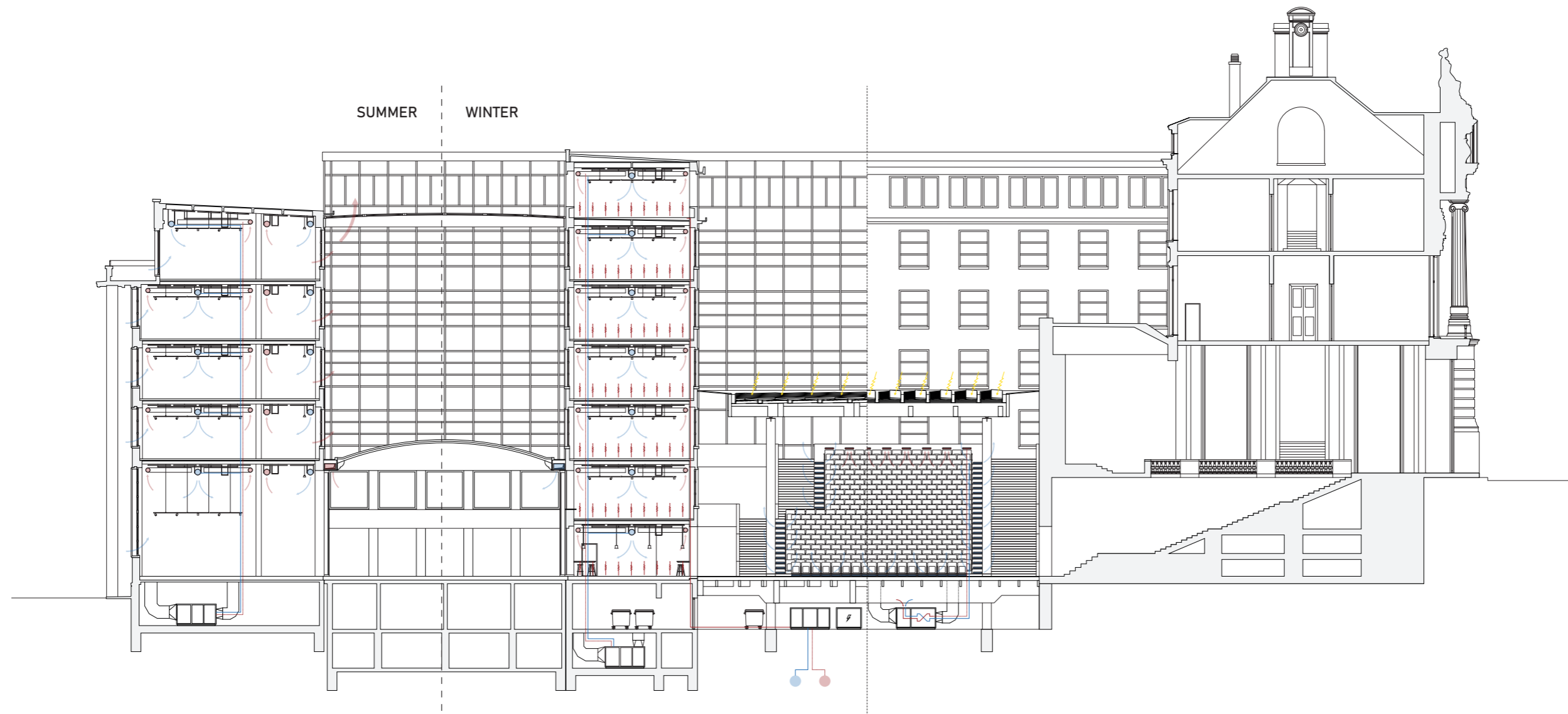


CONSTRUCTION OF AUDITORIUM



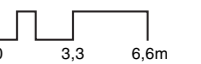


CLIMATE SECTION

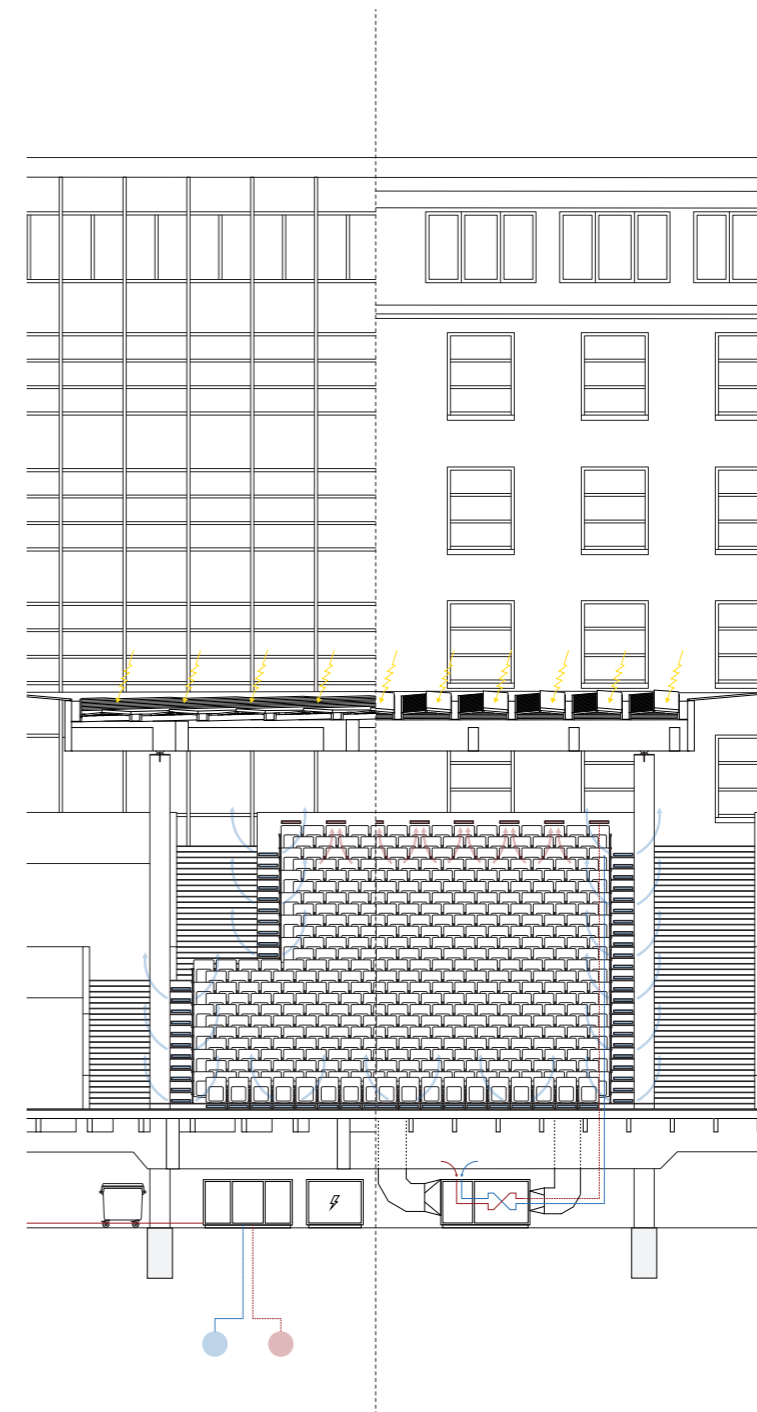
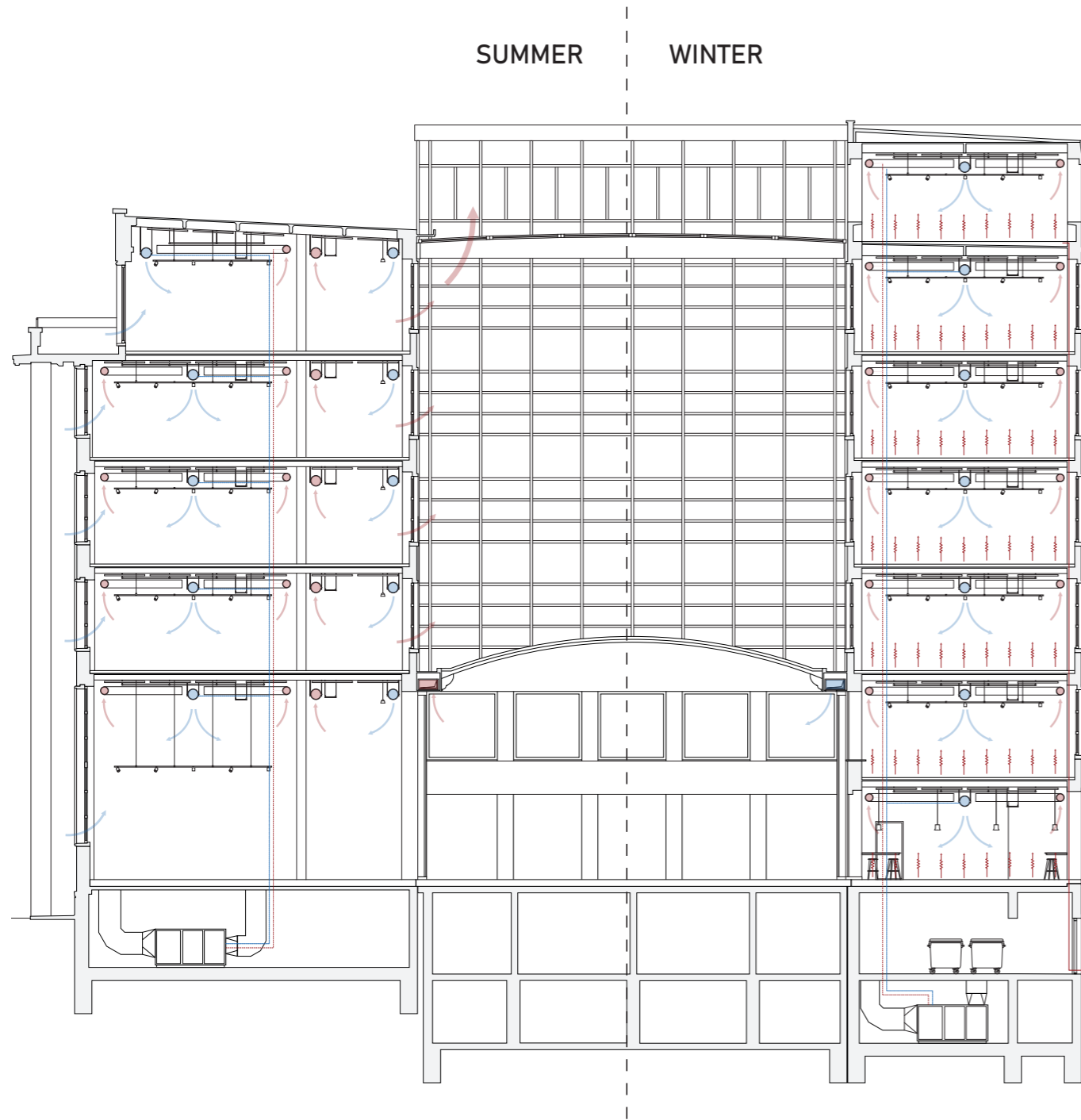


SECTION THROUGH AUDITORIUM

Scale 1:330_a3
National Bank of Belgium
Brussels



CLIMATE SECTION

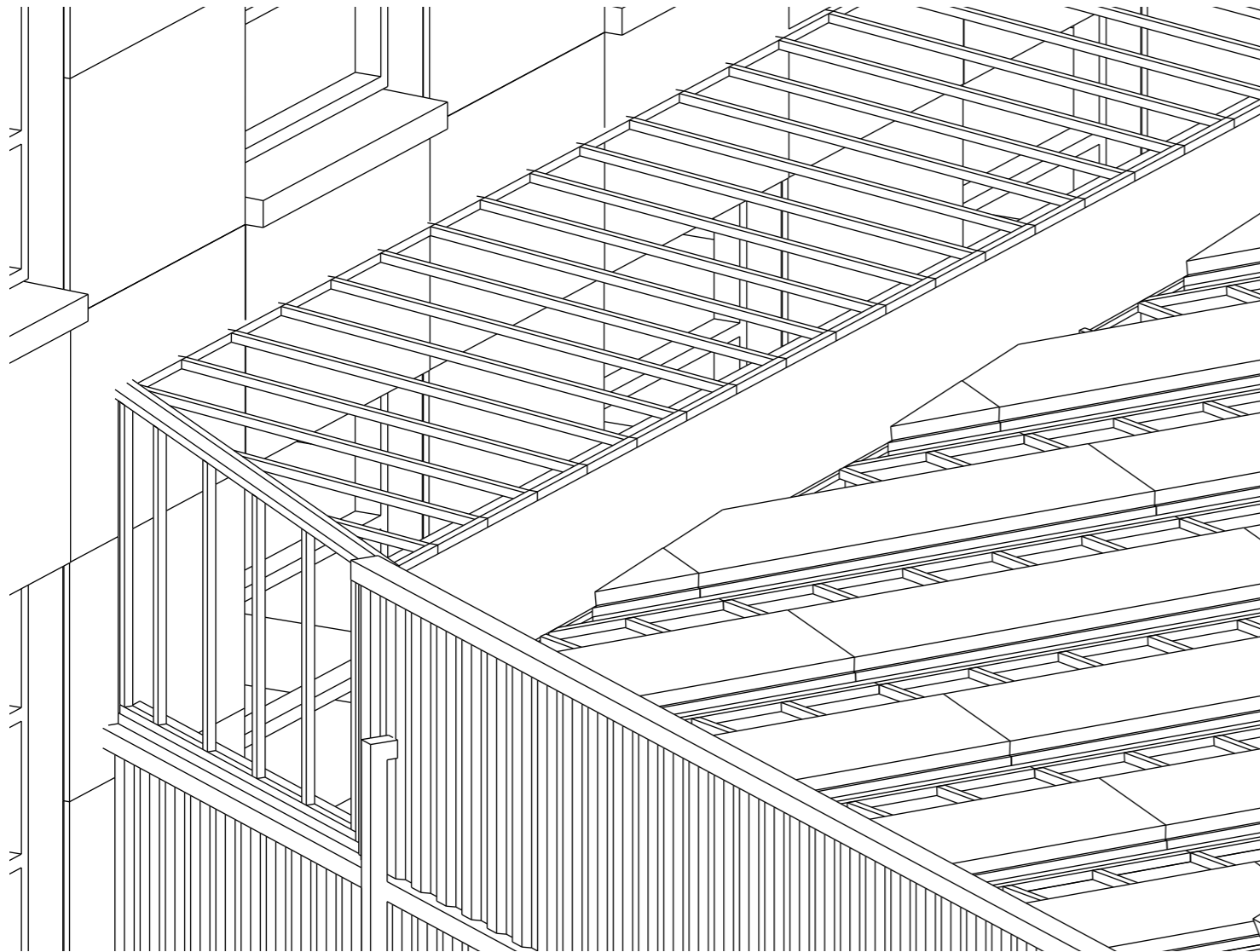


SECTION THROUGH BANKING HALL

Scale 1:330_a3
National Bank of Belgium
Brussels

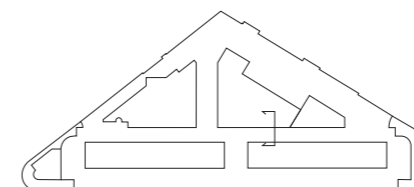
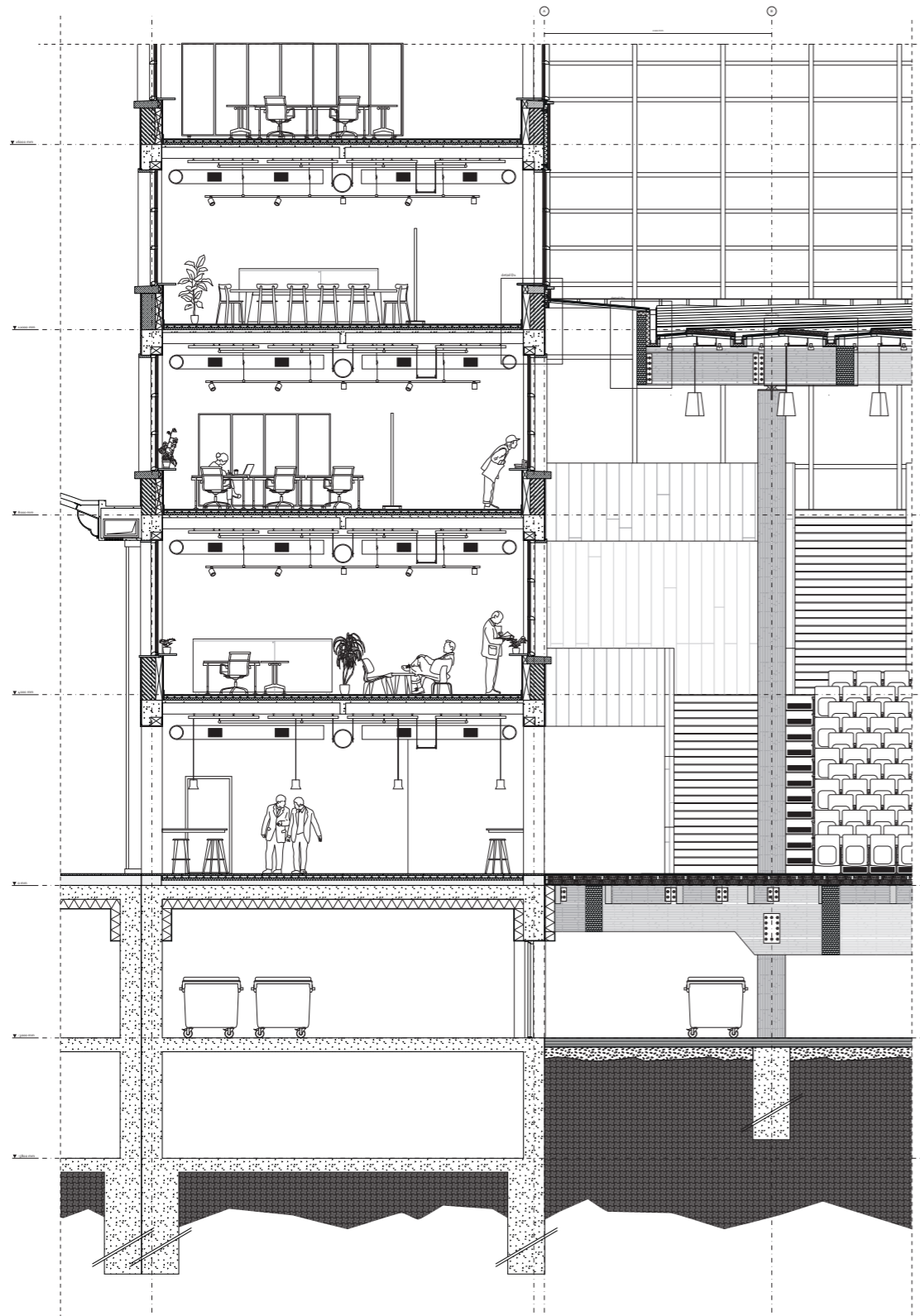


SADDLE ROOF WINDOWS AND SOLAR PANELS



Fashion Museum, Antwerp by Marie-Jose van Hee.

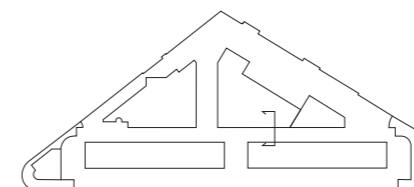
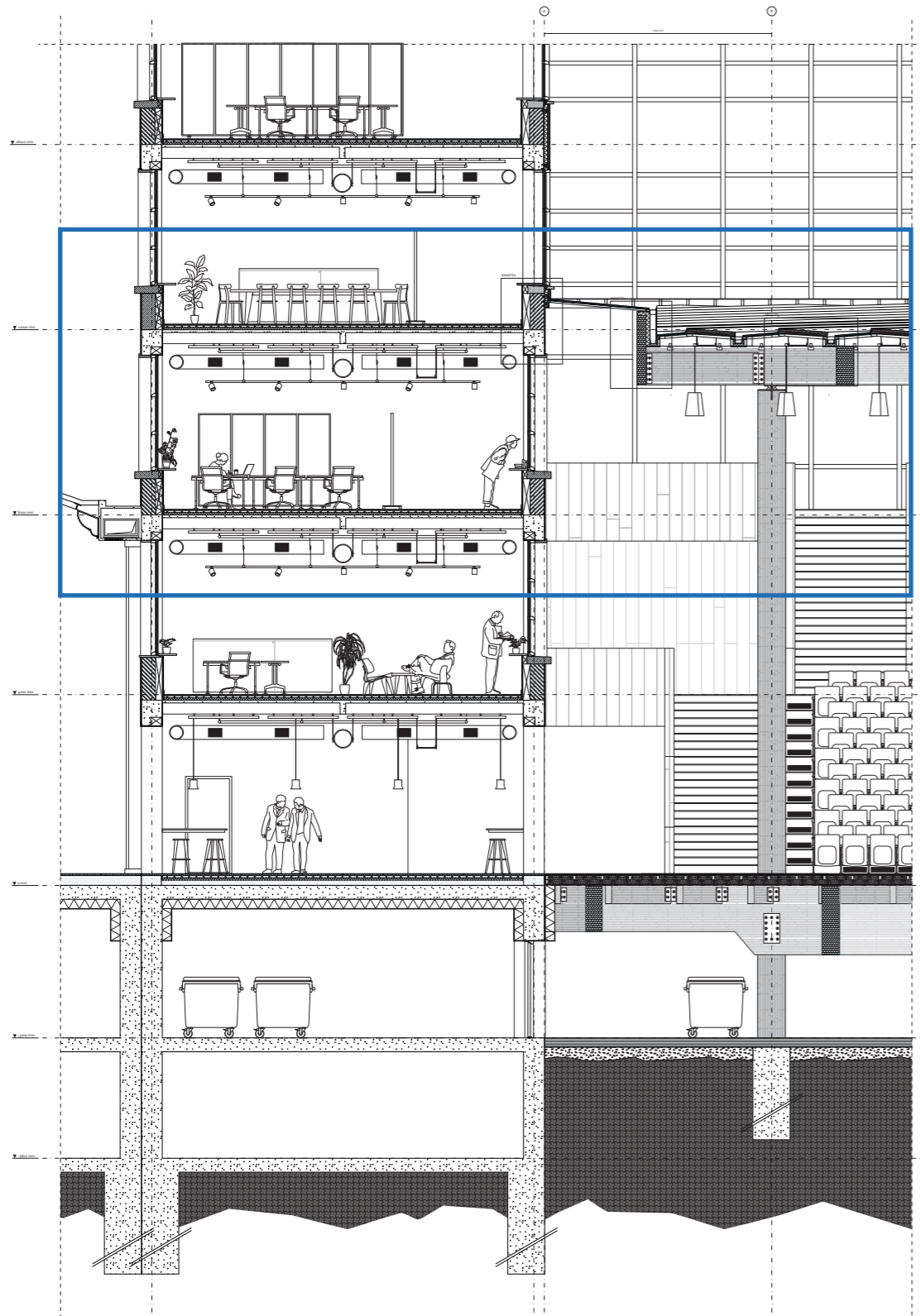
CONNECTING THE AUDITORIUM STRUCTURE TO THE EXISTING FACADE



FRAGMENT OF FACADE

Scale 1:100
National Bank of Belgium
Brussels

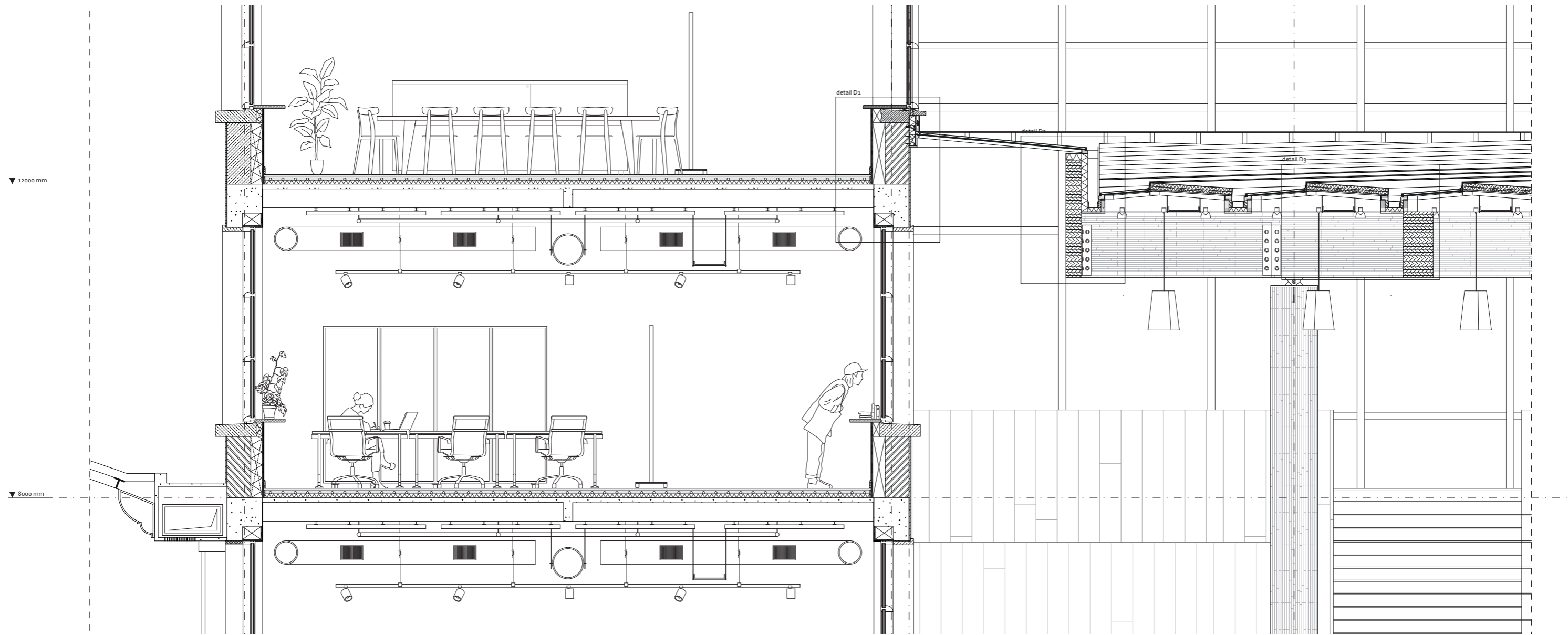
CONNECTING THE AUDITORIUM STRUCTURE TO THE EXISTING FACADE



FRAGMENT OF FACADE

Scale 1:100
National Bank of Belgium
Brussels

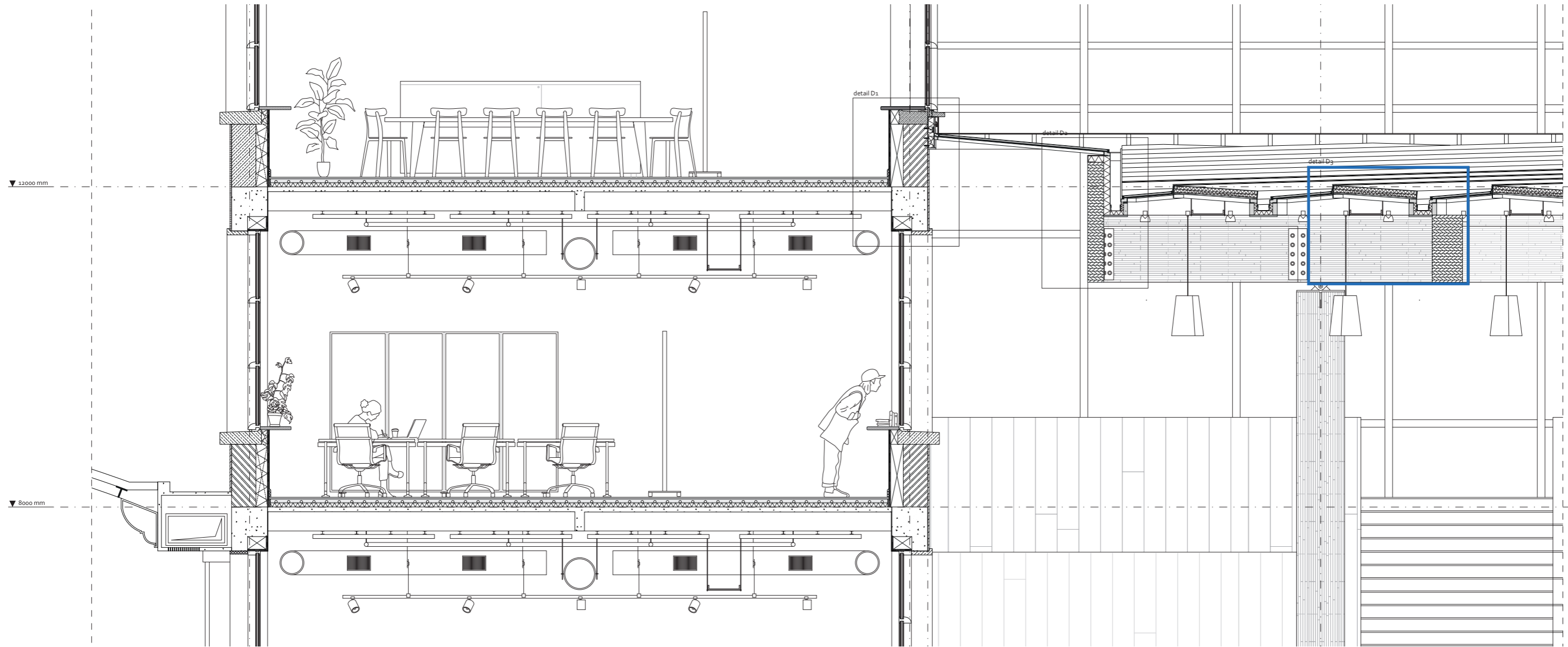
CONNECTING THE AUDITORIUM STRUCTURE TO THE EXISTING FACADE



FRAGMENT OF FACADE

Scale 1:20_a3
National Bank of Belgium
Brussels

ROOF WINDOW AND SOLAR PANELS

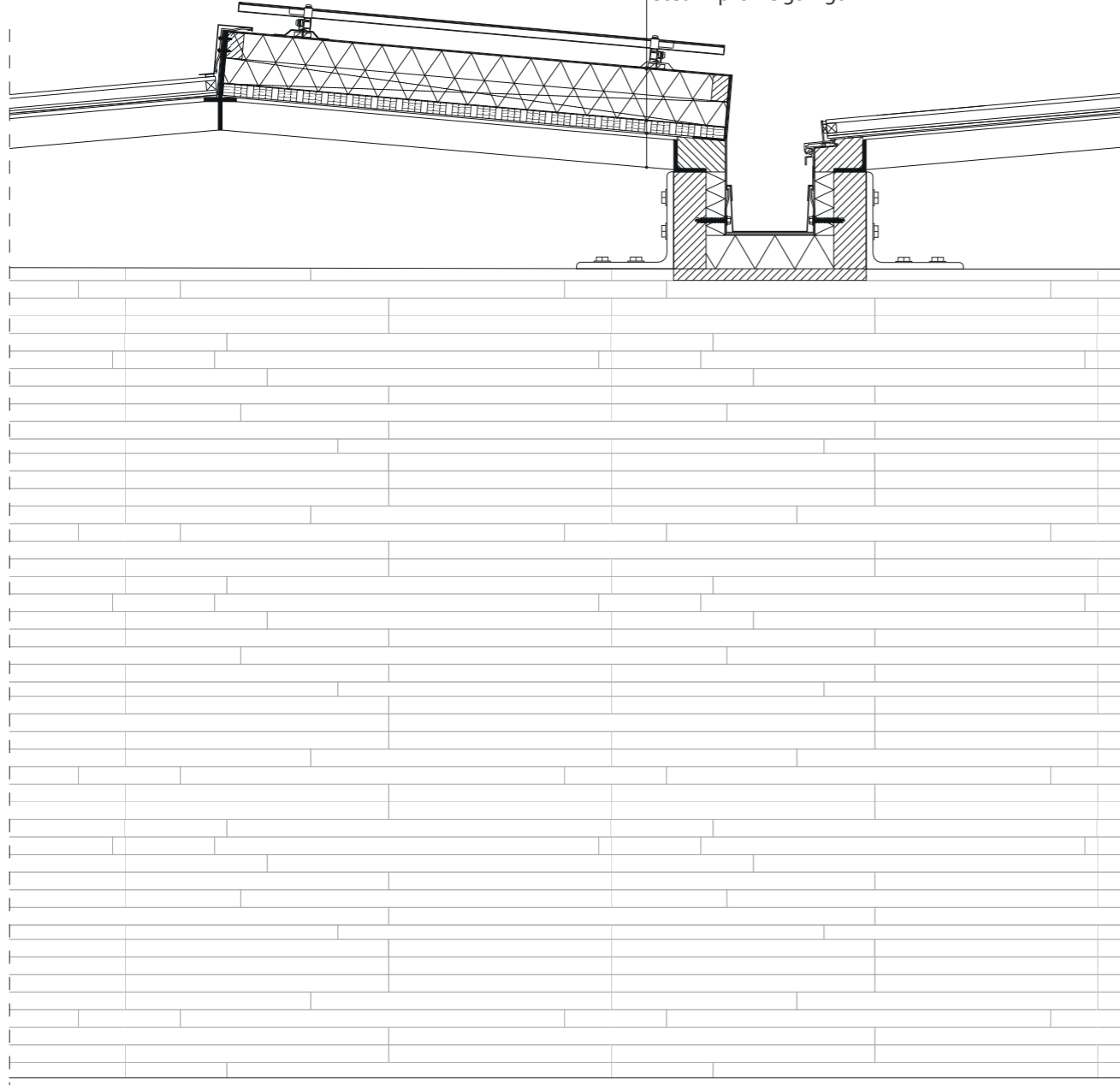


FRAGMENT OF FACADE

Scale 1:20_a3
National Bank of Belgium
Brussels

CONSTRUCTION OF ROOF WINDOWS WITH GUTTER AND SOLAR PANELS

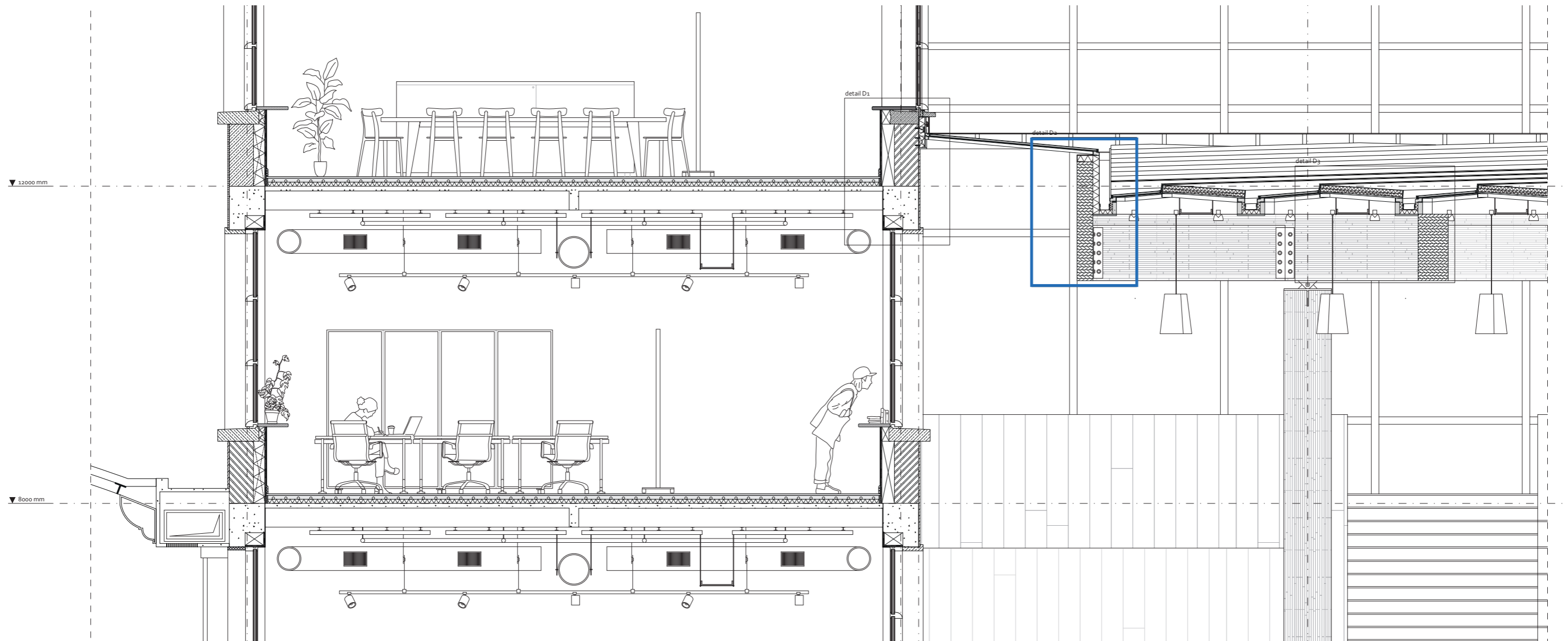
PV panels
bitumen 5mm
water proof membrane
rigid PIR insulation with timber frame 100mm
damp proof membrane
acoustic perforated wooden finishing panels
steal T profile 50 x 50 mm



DETAIL D3

Scale 1:5
National Bank of Belgium
Brussels

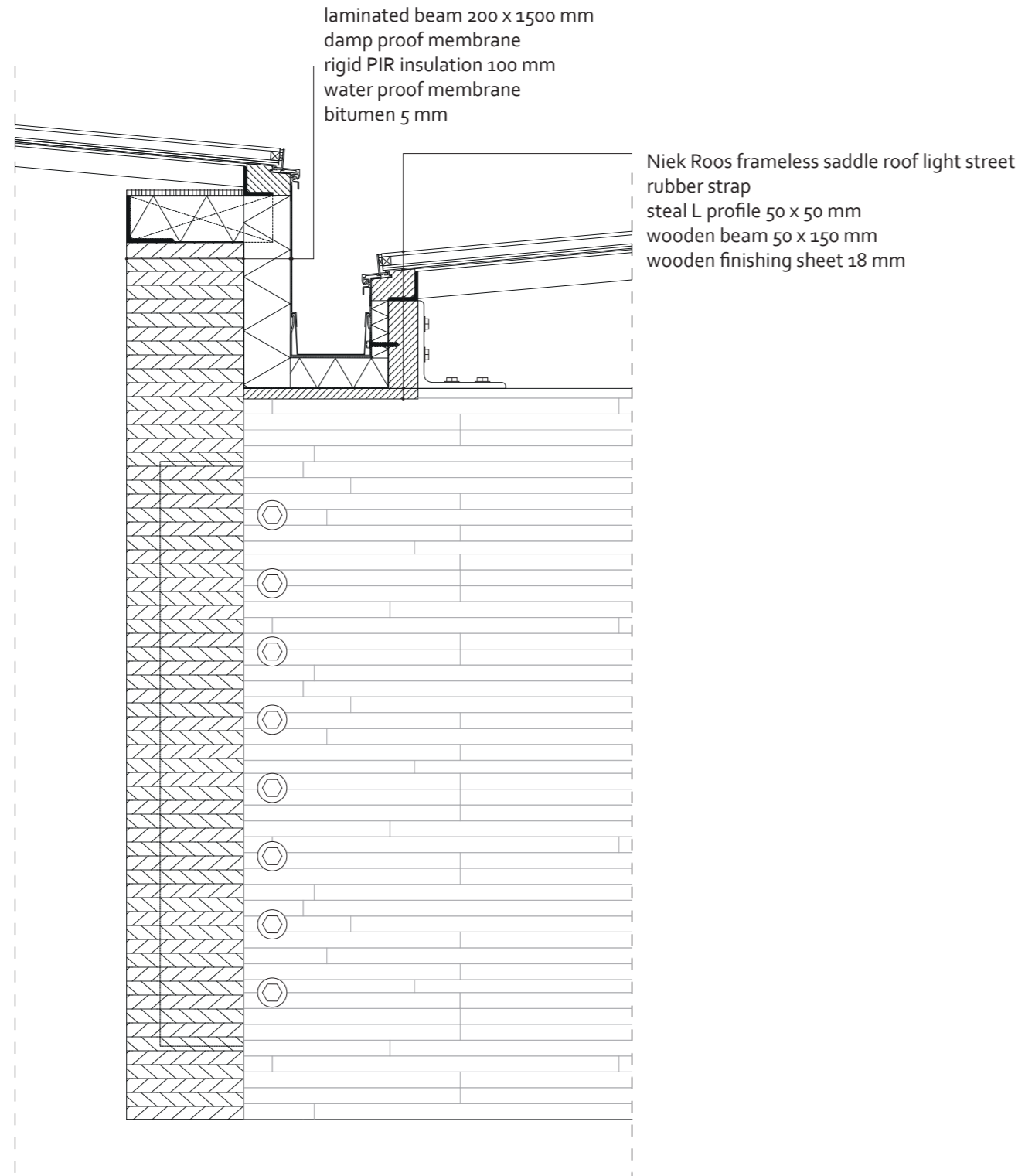
CONNECTING THE AUDITORIUM STRUCTURE TO THE EXISTING FACADE



FRAGMENT OF FACADE

Scale 1:20_a3
National Bank of Belgium
Brussels

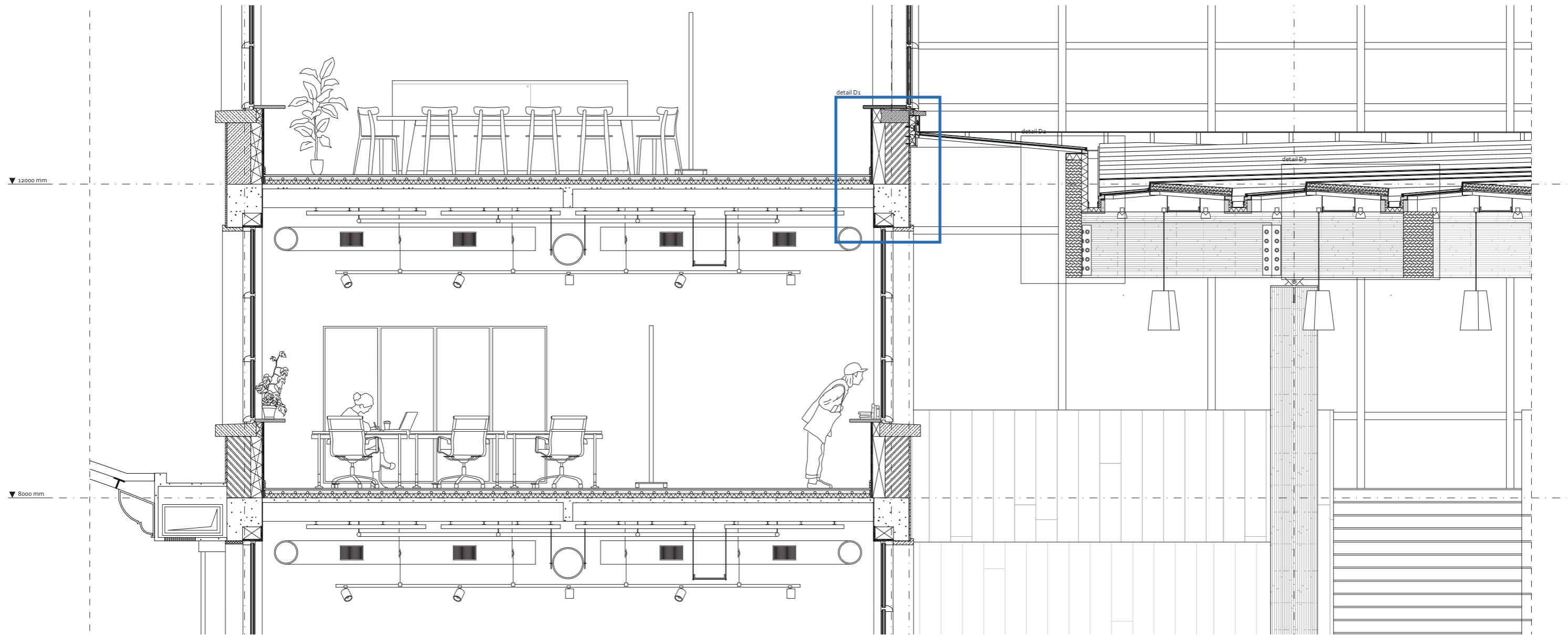
CORNER OF ROOF STRUCTURE WITH GUTTER



DETAIL D2

Scale 1:5
National Bank of Belgium
Brussels

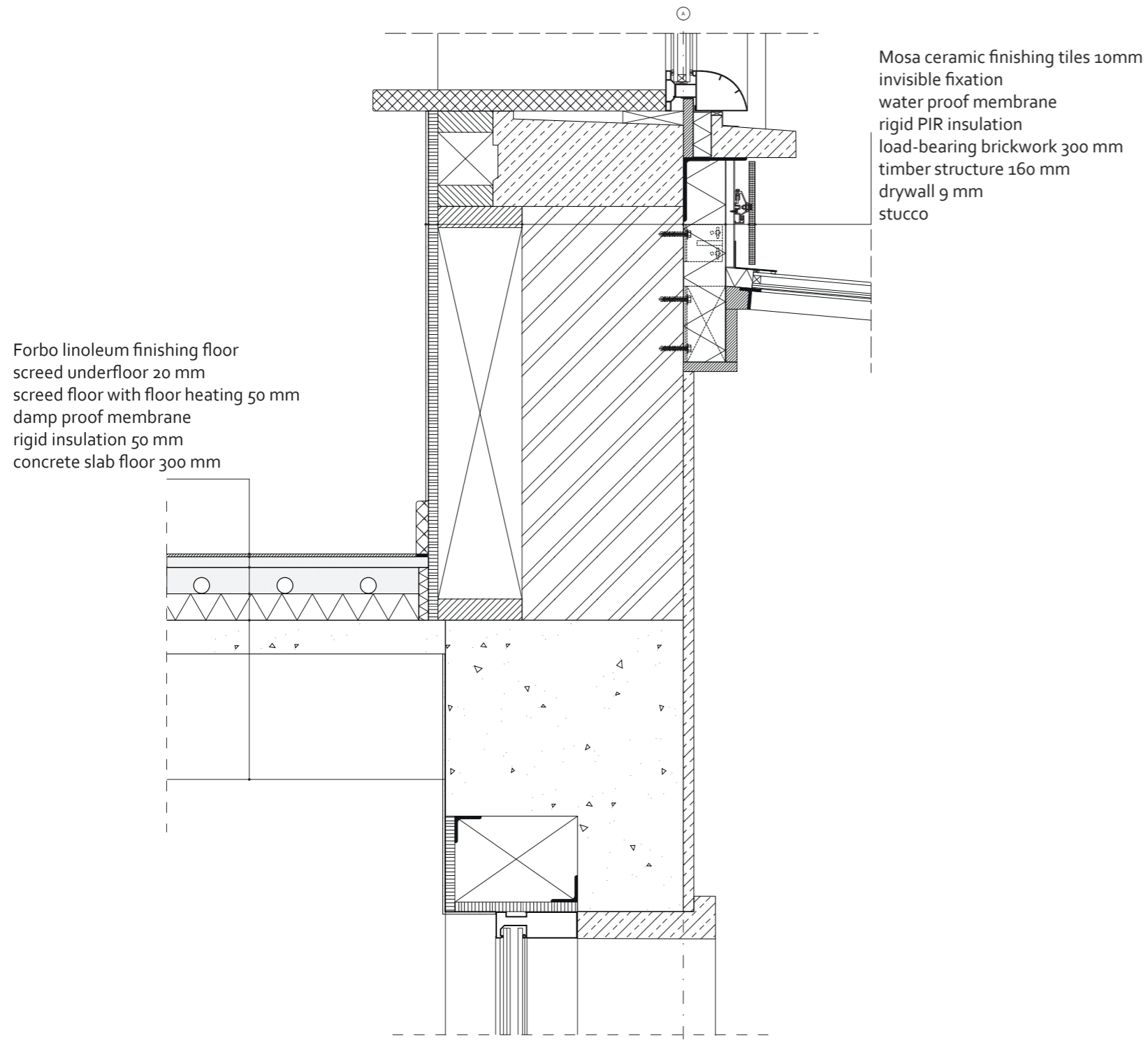
CONNECTING THE AUDITORIUM STRUCTURE TO THE EXISTING FACADE



FRAGMENT OF FACADE

Scale 1:20_a3
National Bank of Belgium
Brussels

JOINT OF EXISTING FACADE AND ROOF WINDOWS



DETAIL D1

Scale 1:5
National Bank of Belgium
Brussels

CONNECTION OF THE OFFICE SPACES TO THE PUBLIC INTERIORS



THE END

THANK YOU