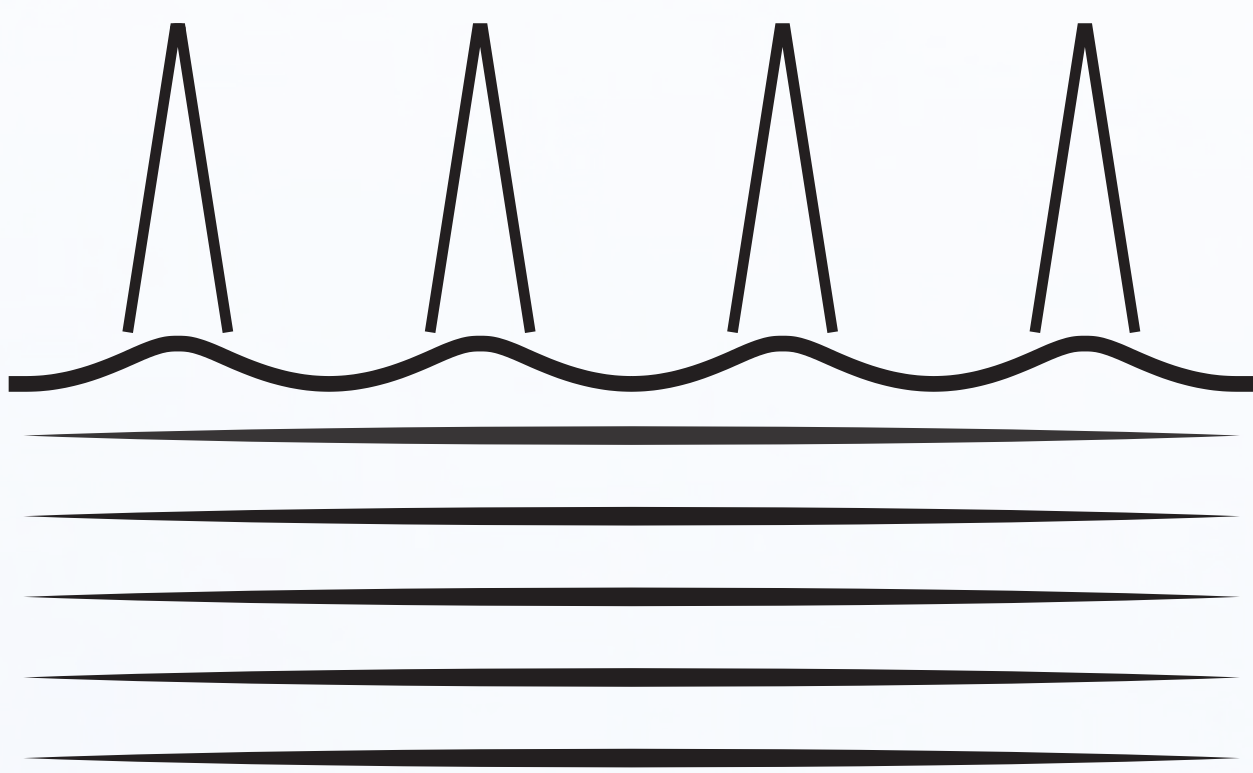


music kathedrAAI

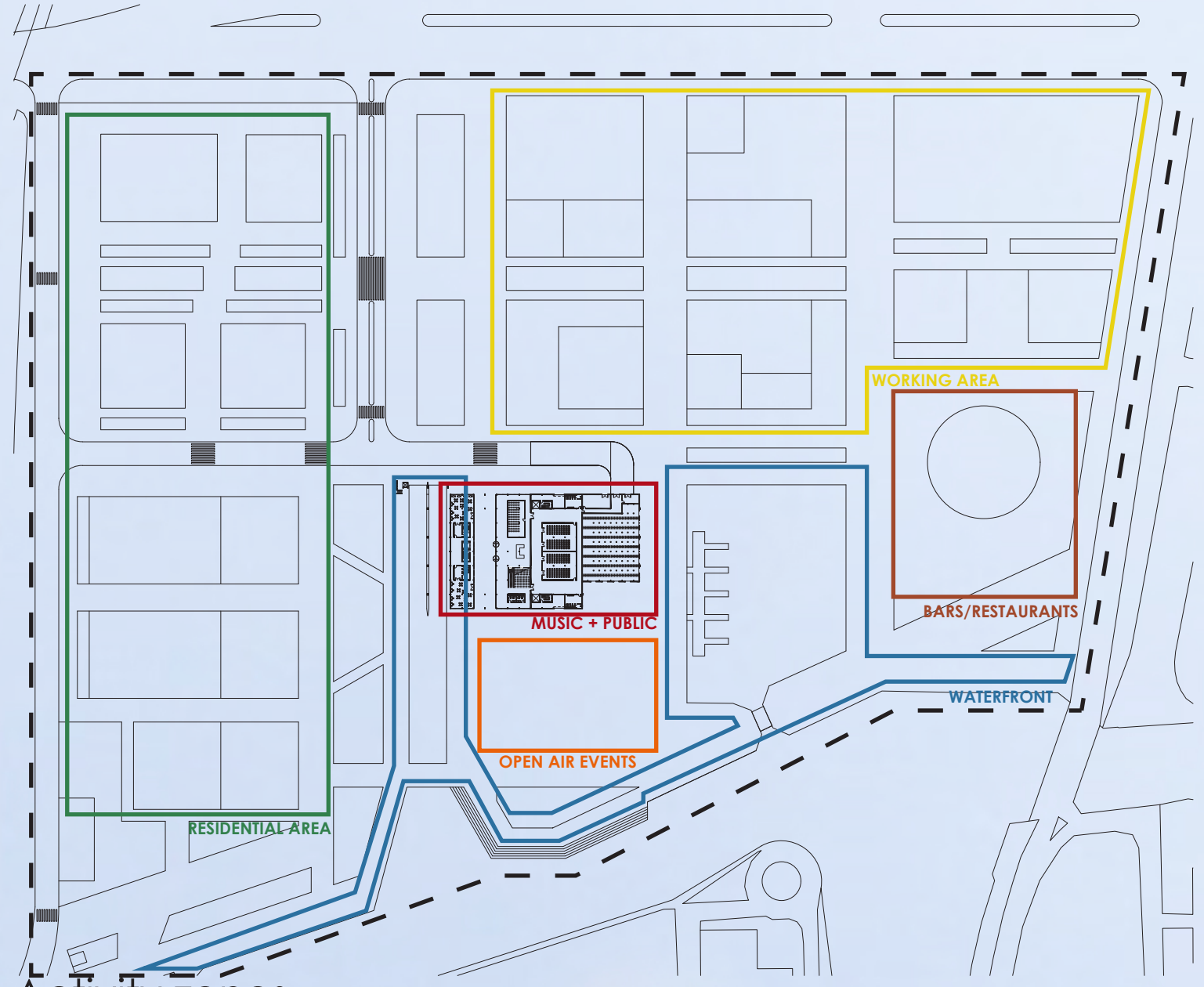


Music Kathedraal is a new cultural hub in Binckhorst. Current waste processing facility was repurposed into a music building with strong supporting public program. The variety of functions is expanding the scope of target users creating a complex, more attractive building. It contains two halls for music performance, a big hall – Kathedraal, and a small one – Chapel. Big hall is versatile and able to transform in order to host different genres of music. Rest of the time, when music is not performed in big hall, retractable seating and stage allow it to quickly change into a conference room, fashion show venue, cinema, etc.

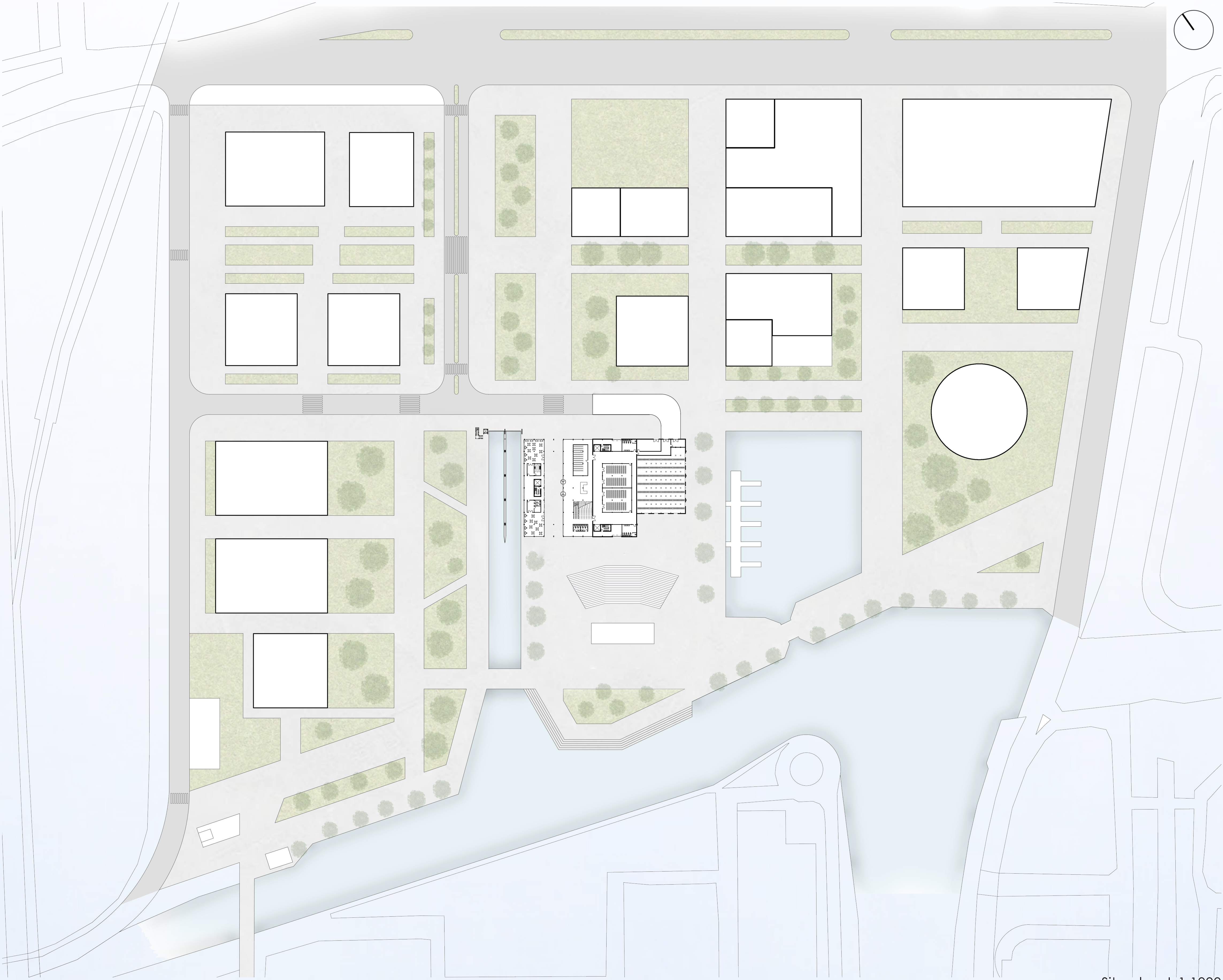
Exterior aesthetics of the building was preserved because of its specific appearance and importance as an exemplar of high-tech architecture. The most prominent part of the building is wavy roof with pointy, tower-like construction. Majority of the façade is opened in order to make this, now closed to public, building attractive and inviting.



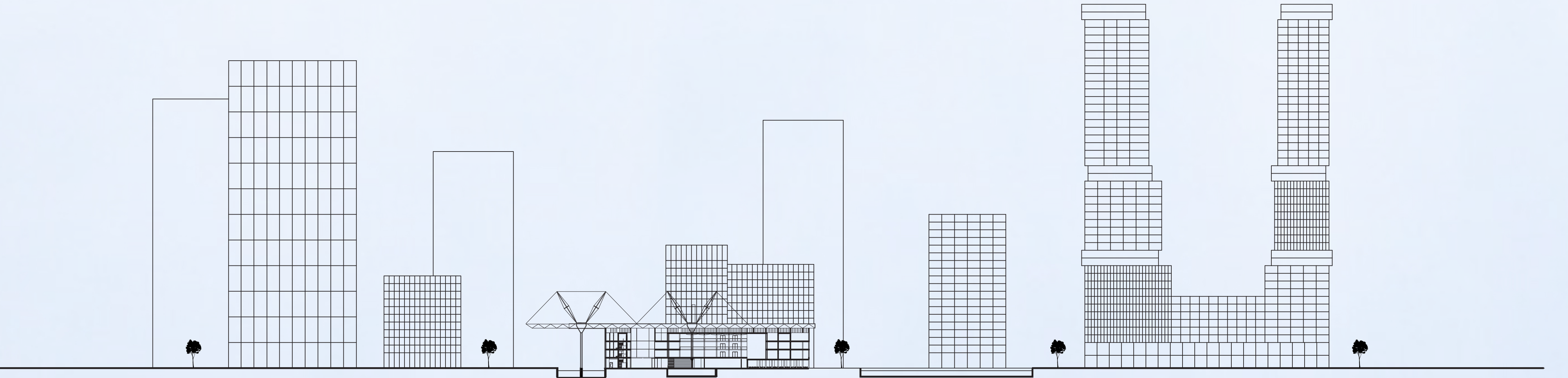
Project Location



Activity zones



Site plan | 1:1000

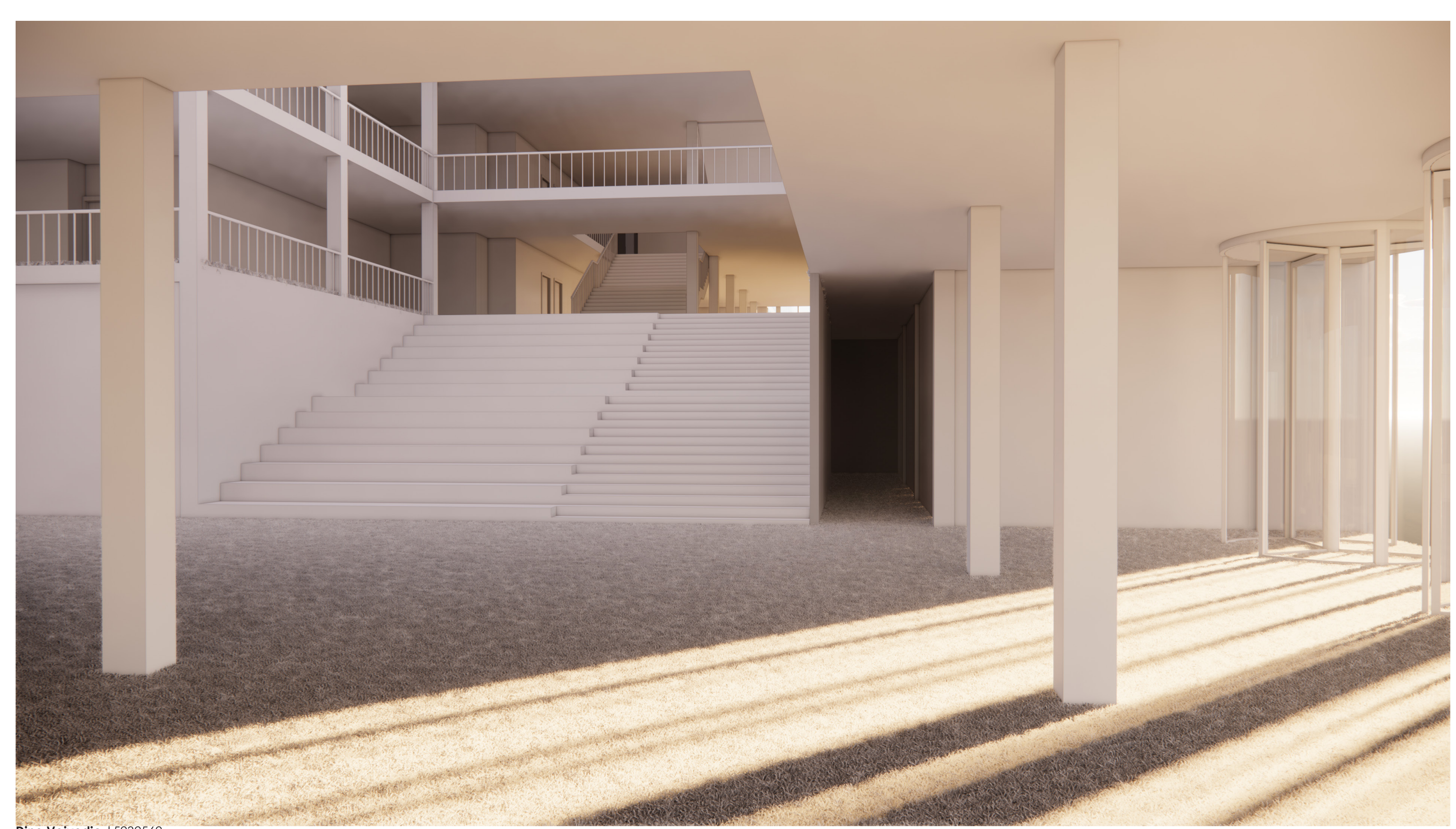
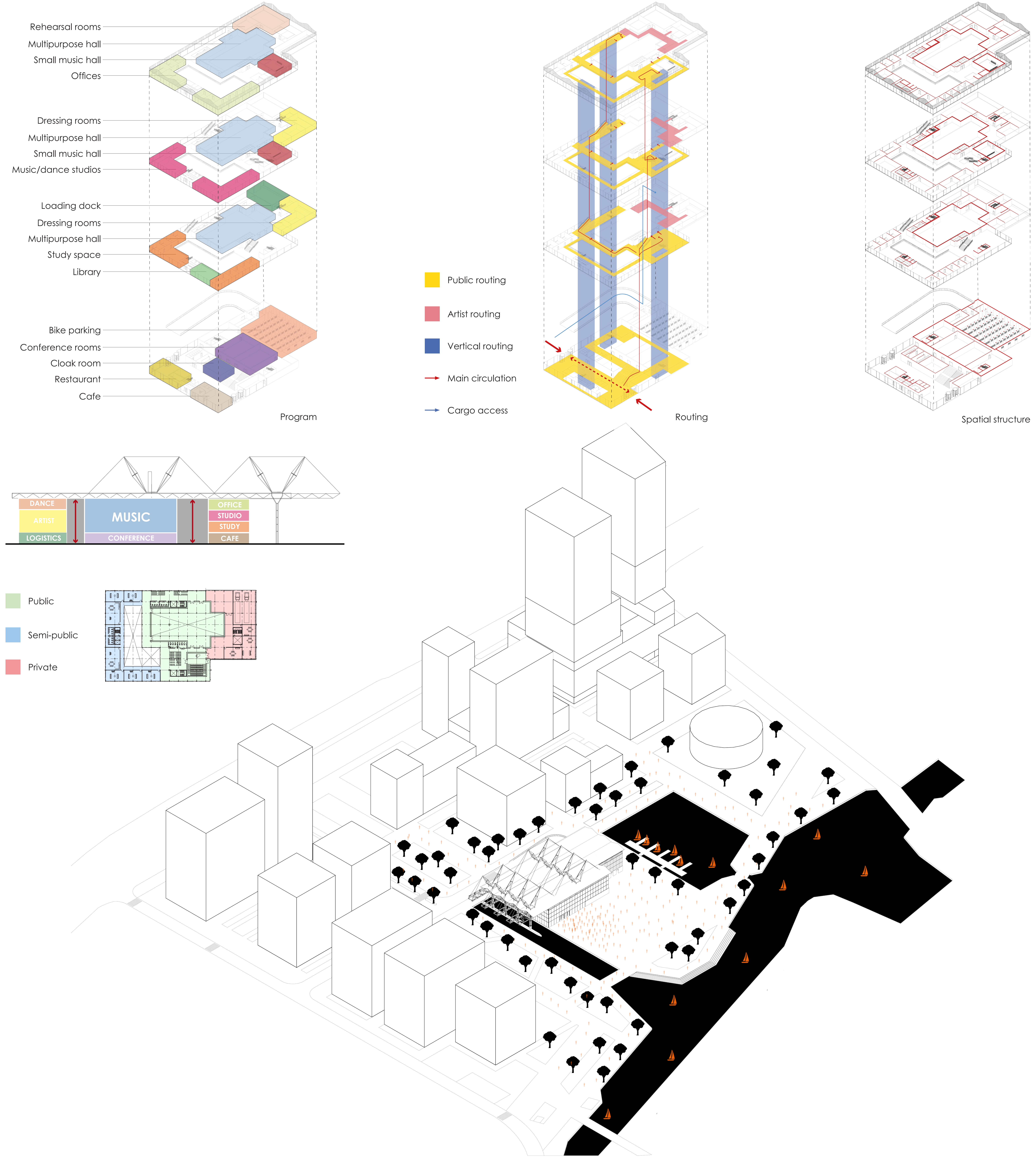


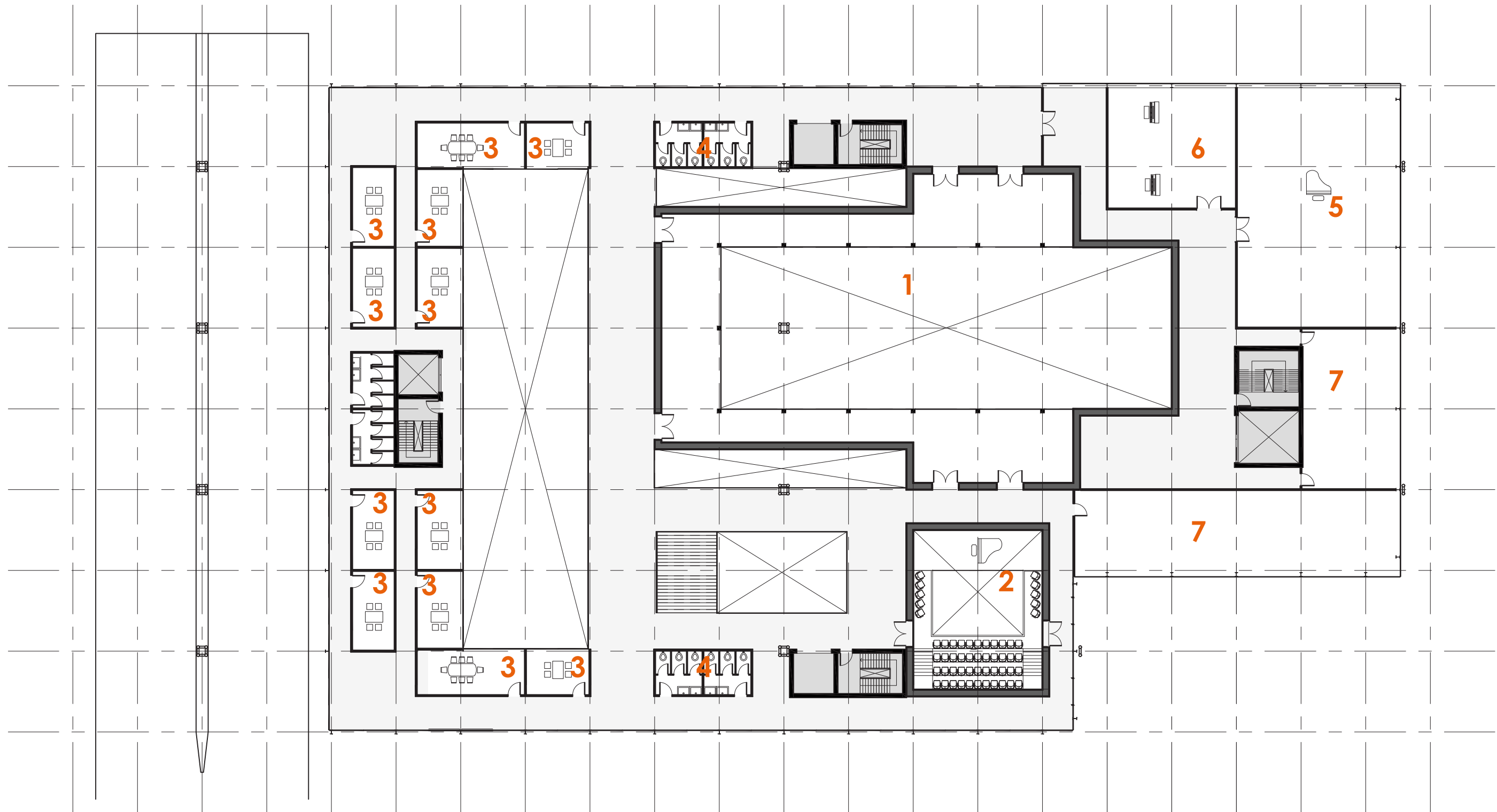
Site profile 1 | 1:1000



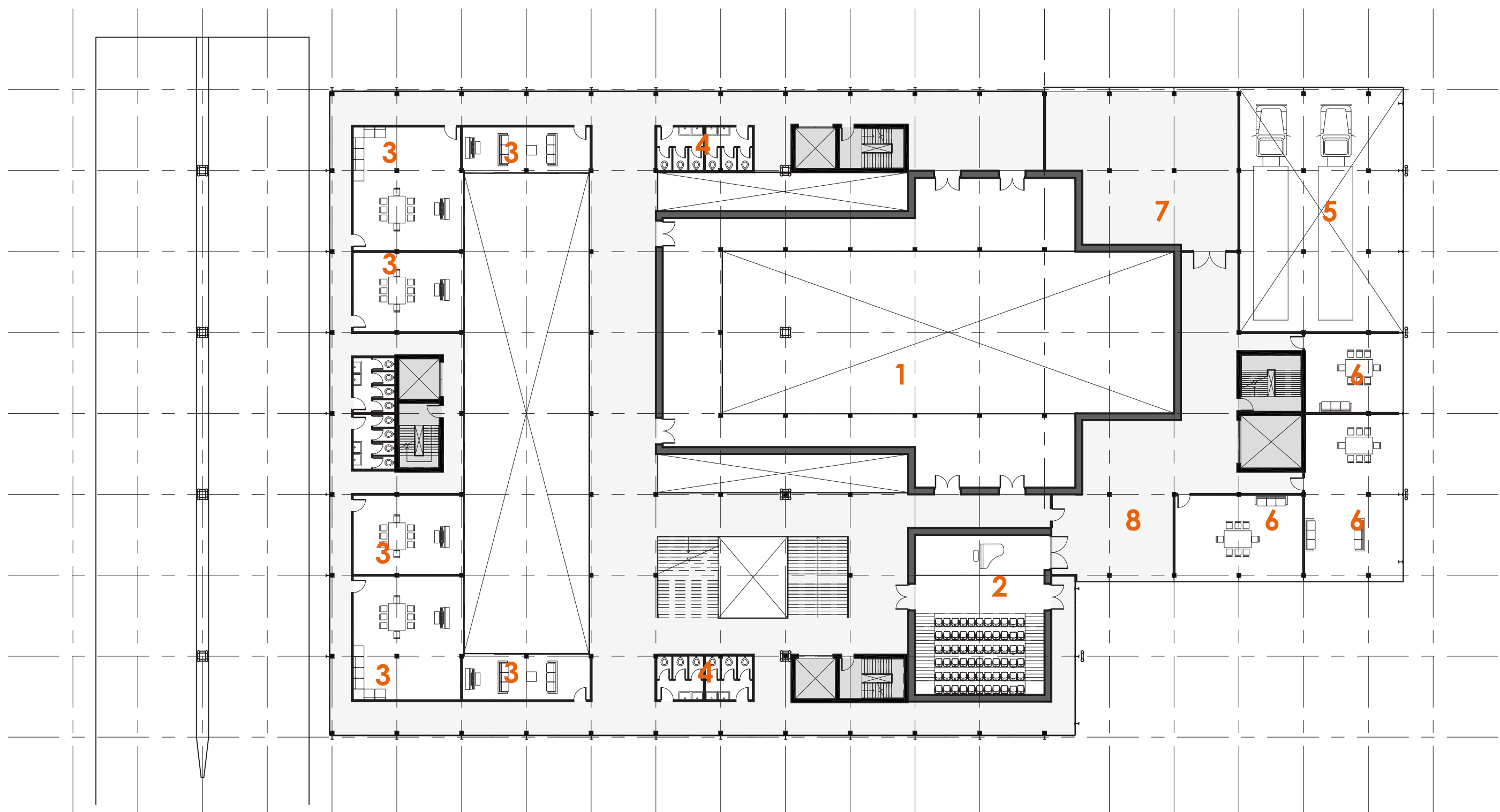
Site profile 2 | 1:1000



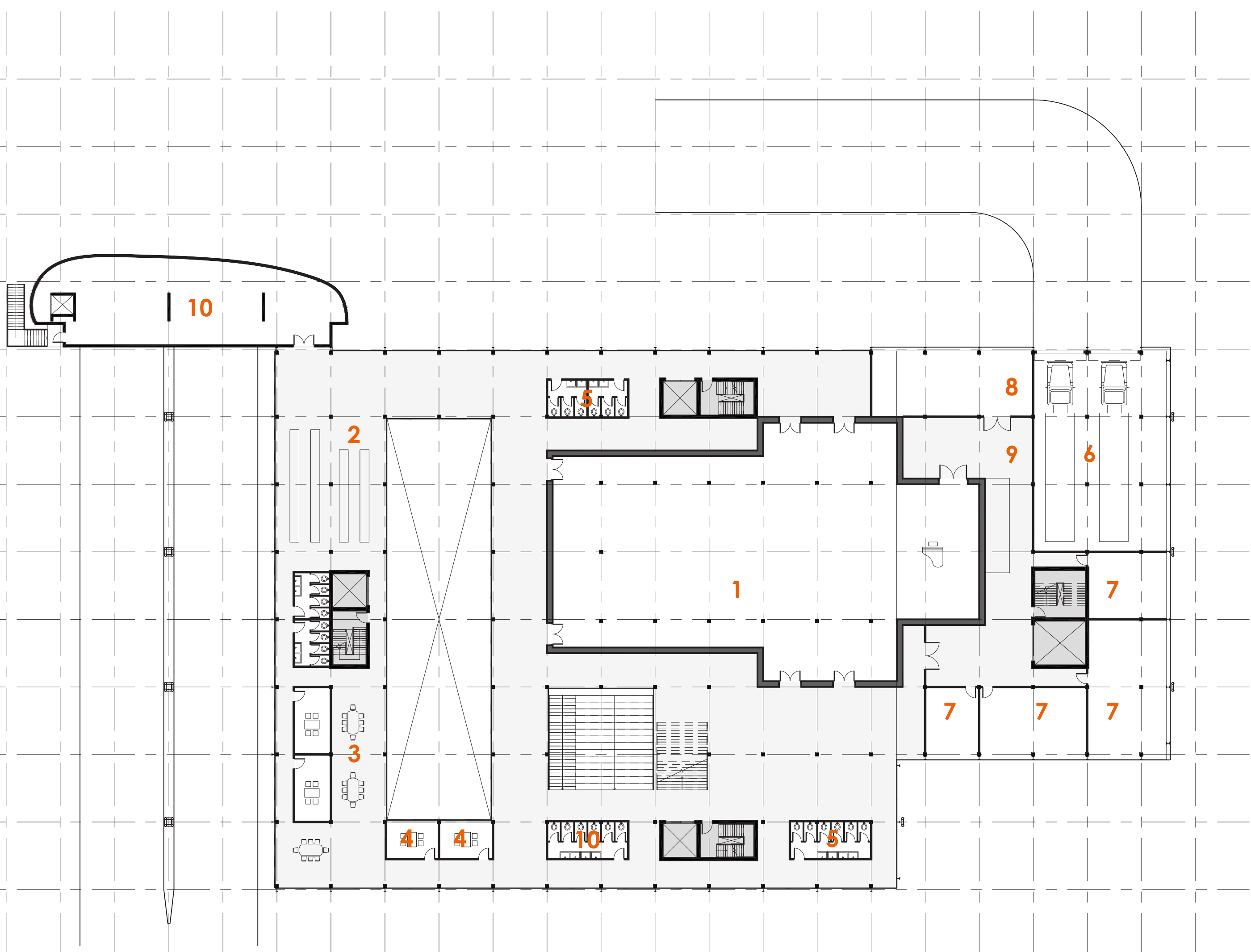




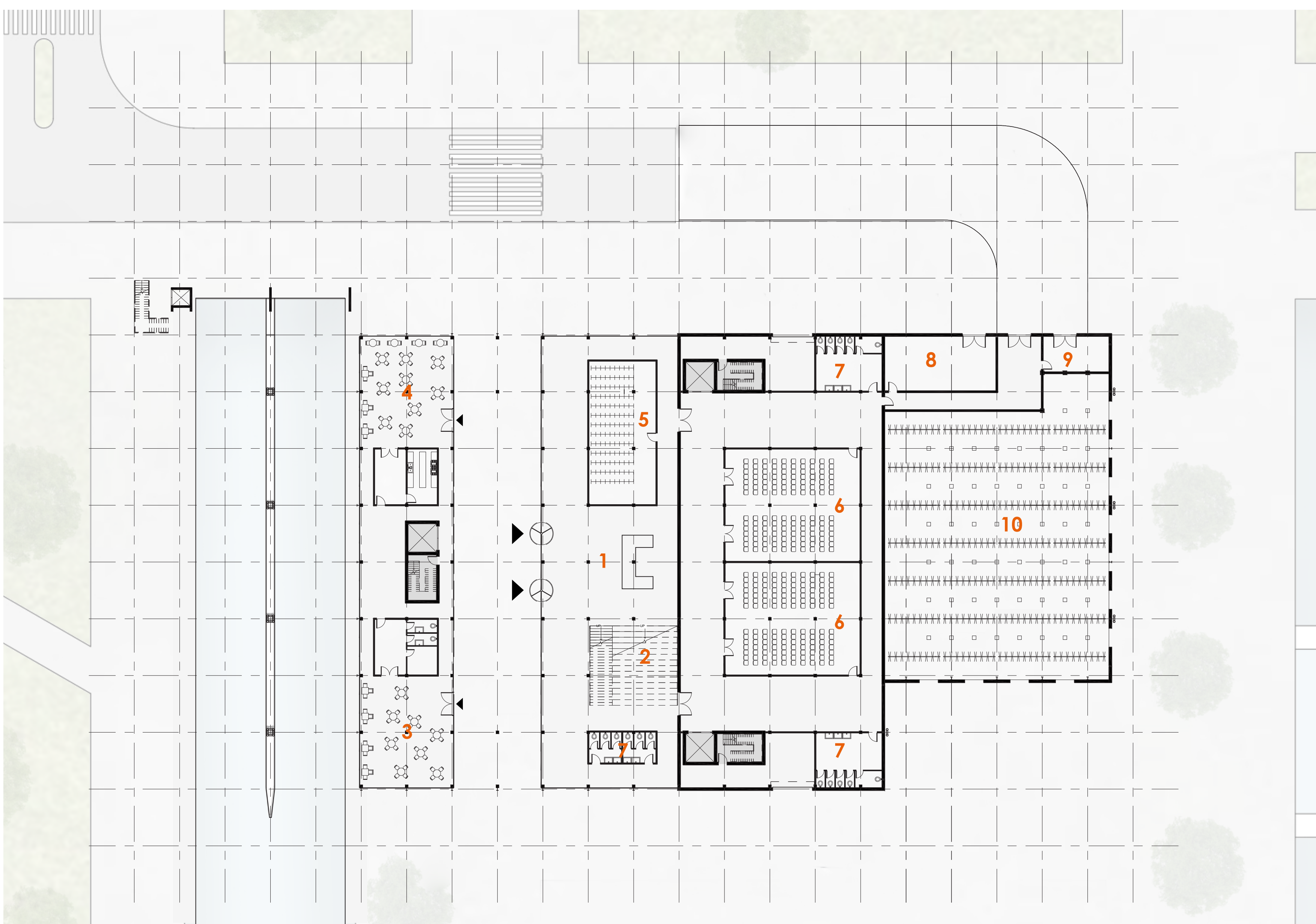
O3
Third Floor Plan | 1:300



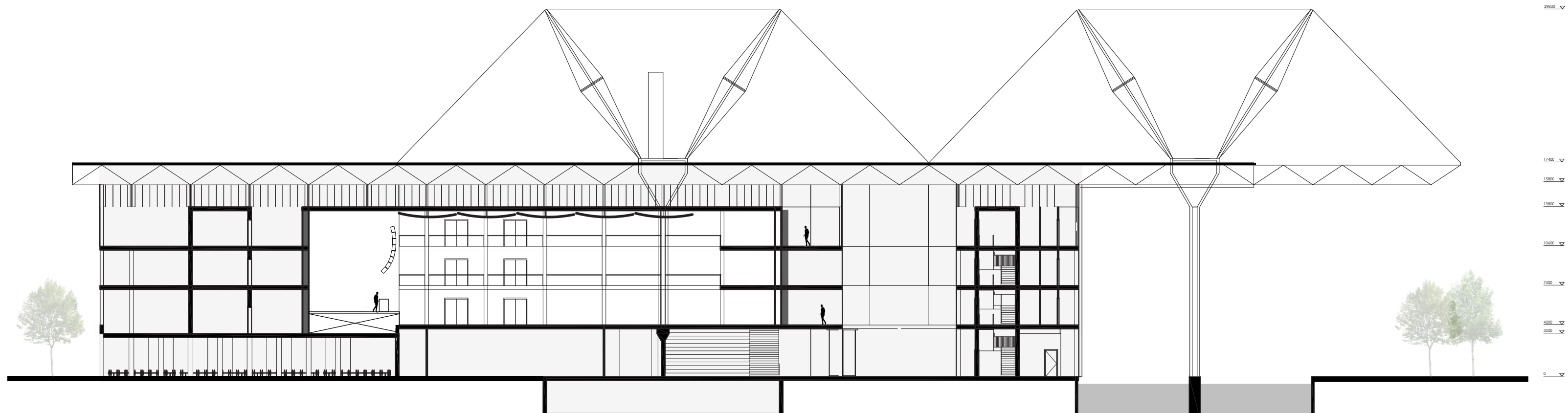
O2
Second Floor Plan | 1:300



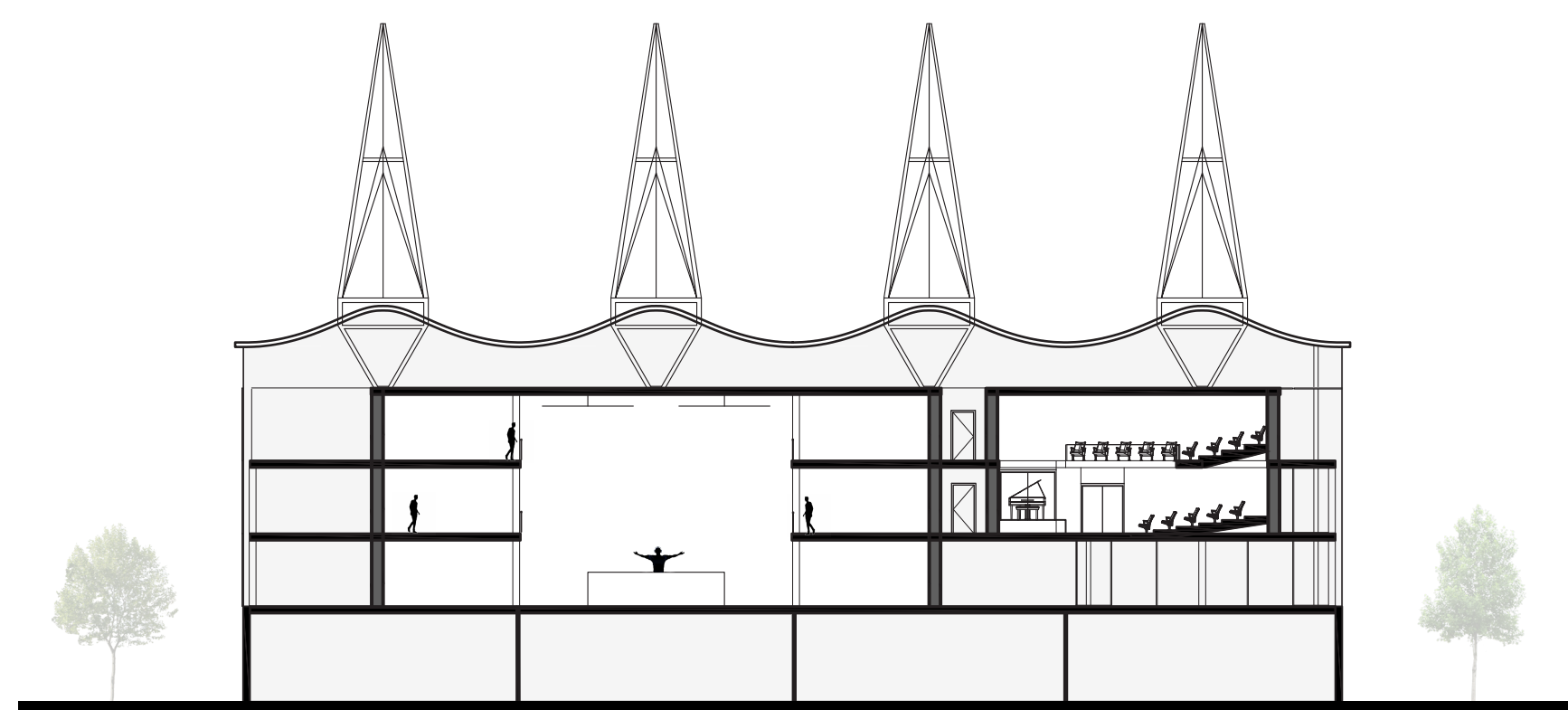
O1
First Floor Plan | 1:300



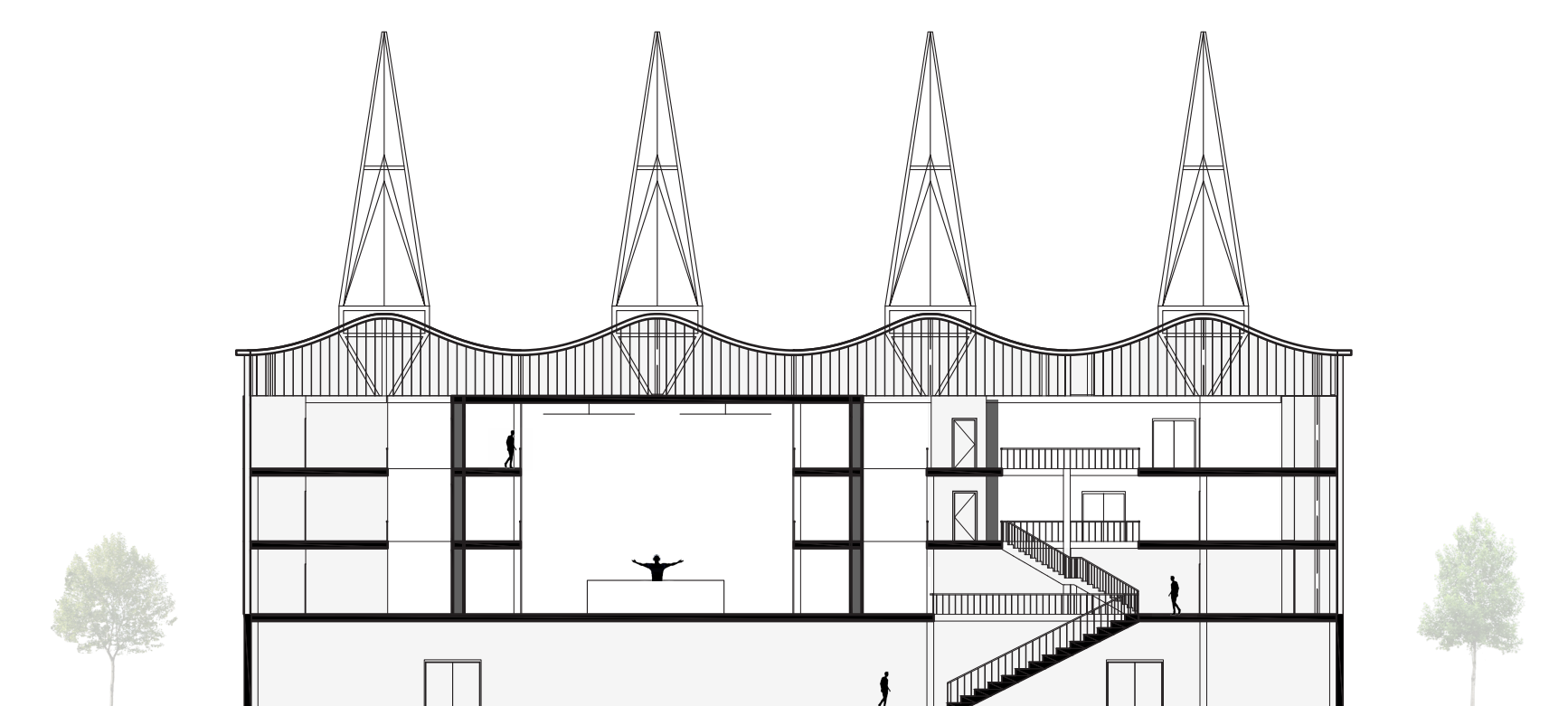
00
Ground Floor Plan | 1:300



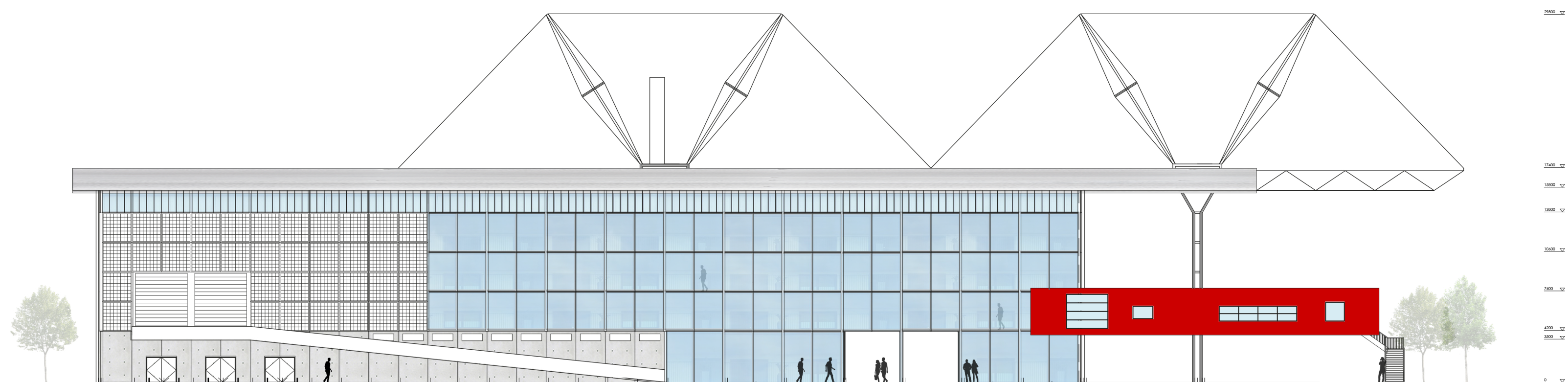
AA
Section A | 1:300



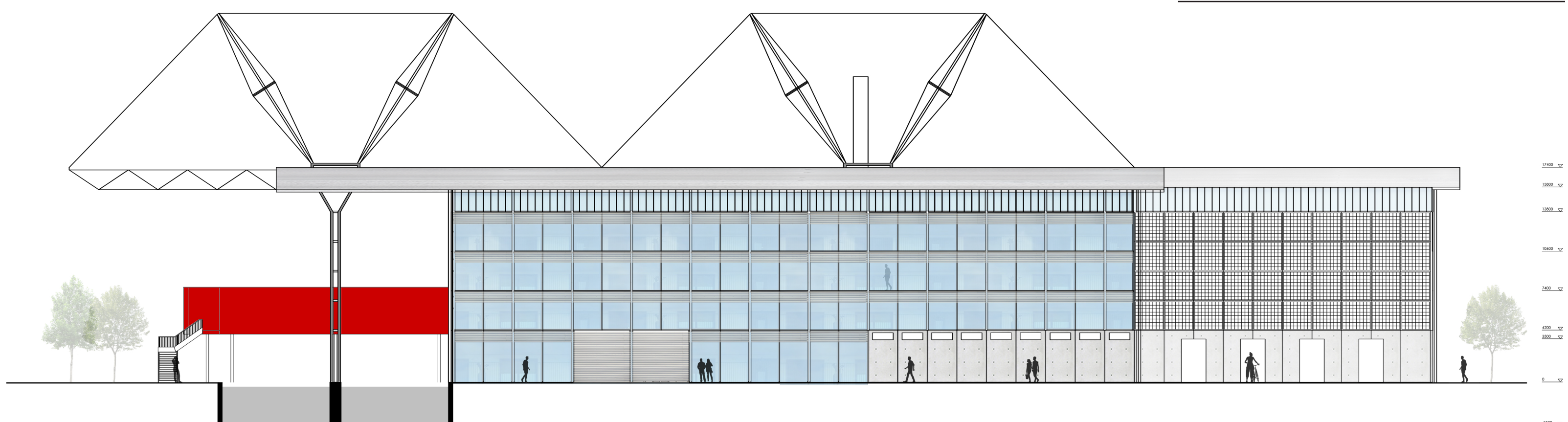
BB
Section B | 1:300



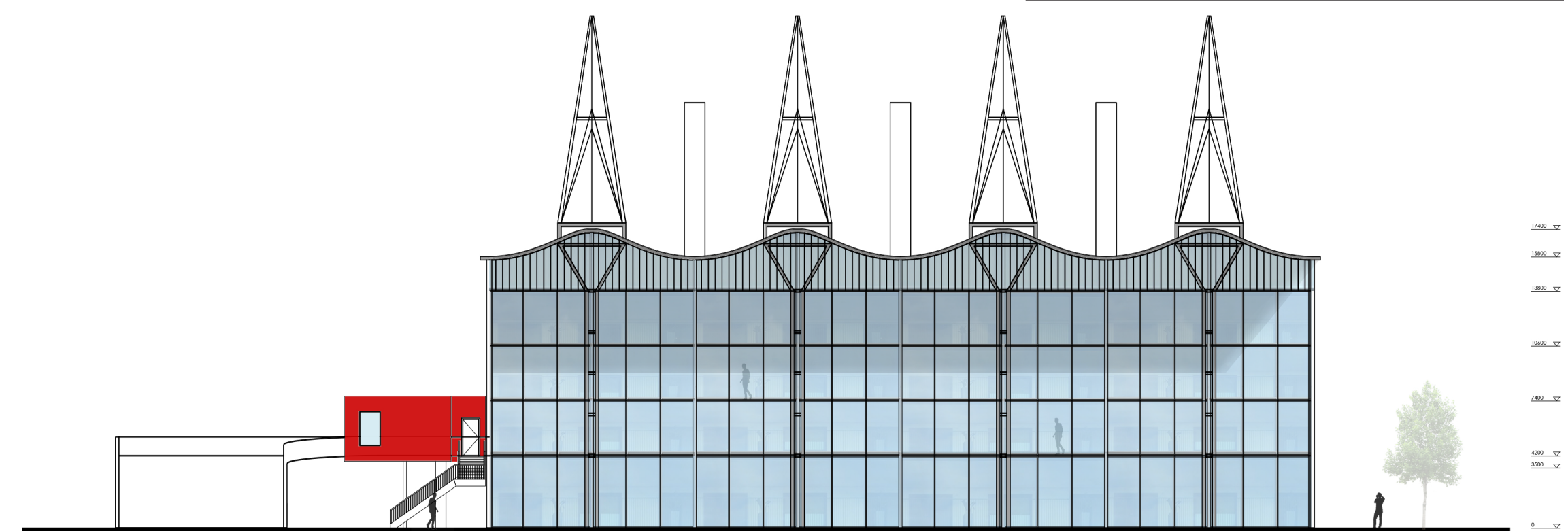
CC
Section C | 1:300



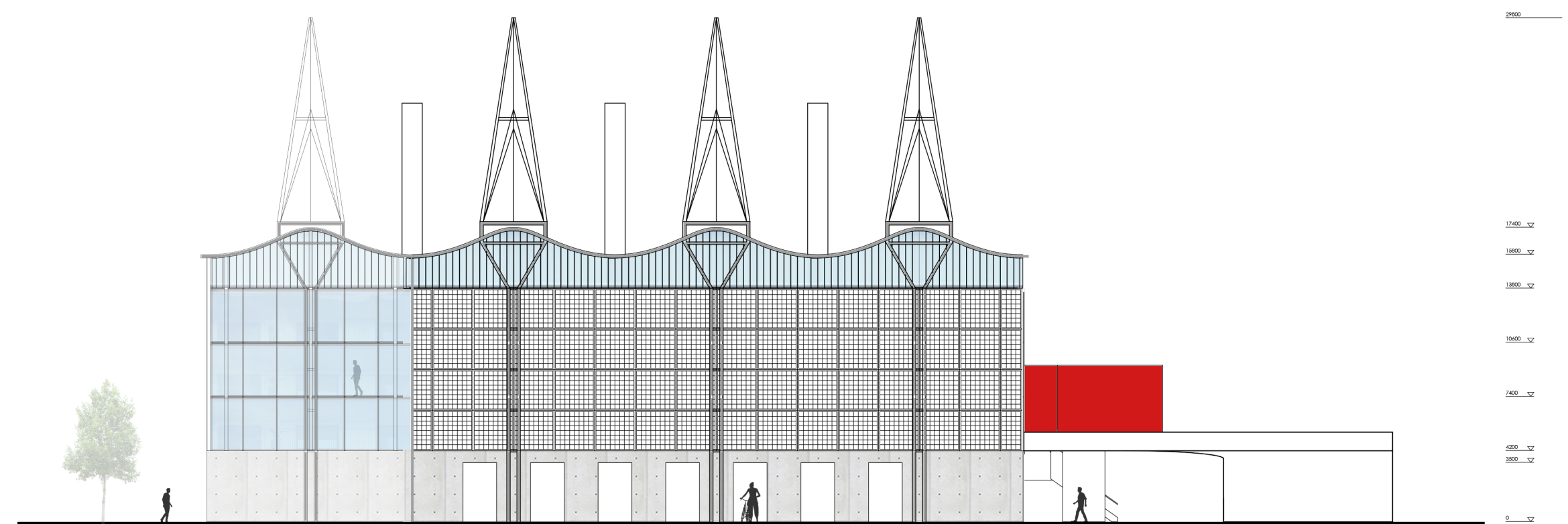
NE
Northeast Elevation | 1:300



SW
Southwest Elevation | 1:300



NW
Northwest Elevation | 1:300



SE
Southeast Elevation | 1:300

00
Ground Floor Plan

- 1 Entrance/Foyer
- 2 Open Auditorium
- 3 Cafe
- 4 Restaurant
- 5 Cloakroom
- 6 Conference room
- 7 Toilet
- 8 Utility
- 9 Waste
- 10 Bike Parking

O2
Second Floor Plan

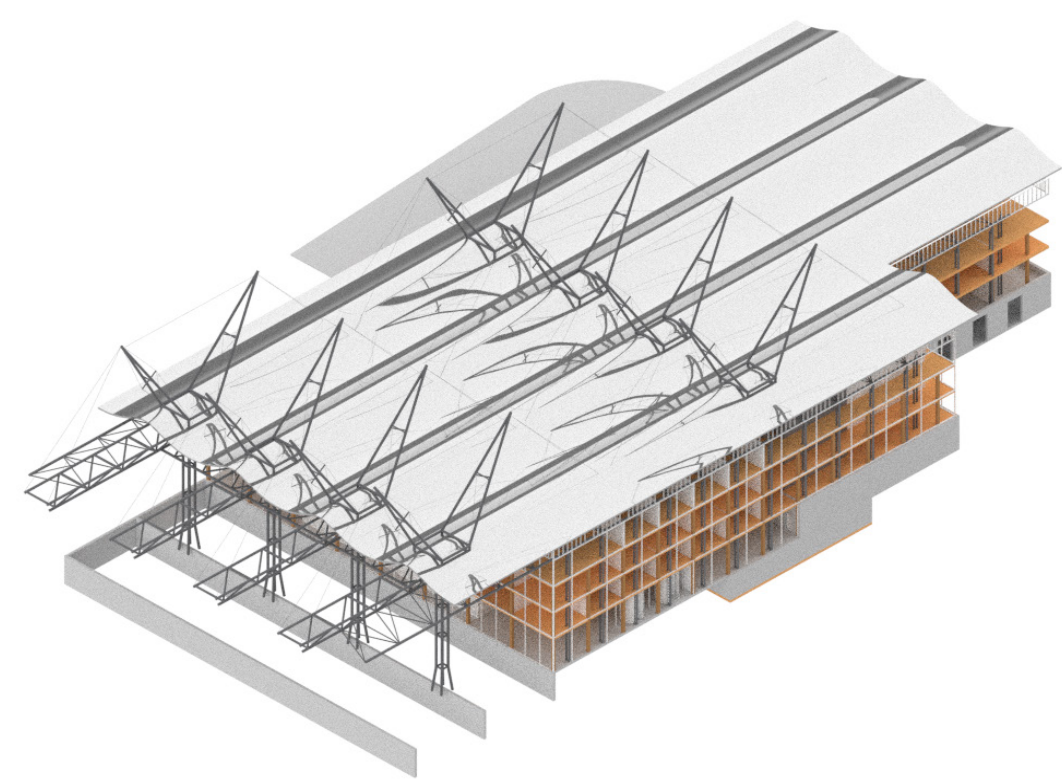
- 1 Kathedraal hall
- 2 Chapel hall
- 3 Music practice room/ Recording studio
- 4 Toilet
- 5 Loading dock
- 6 Dressing room
- 7 Storage
- 8 Backstage

O1
First Floor Plan

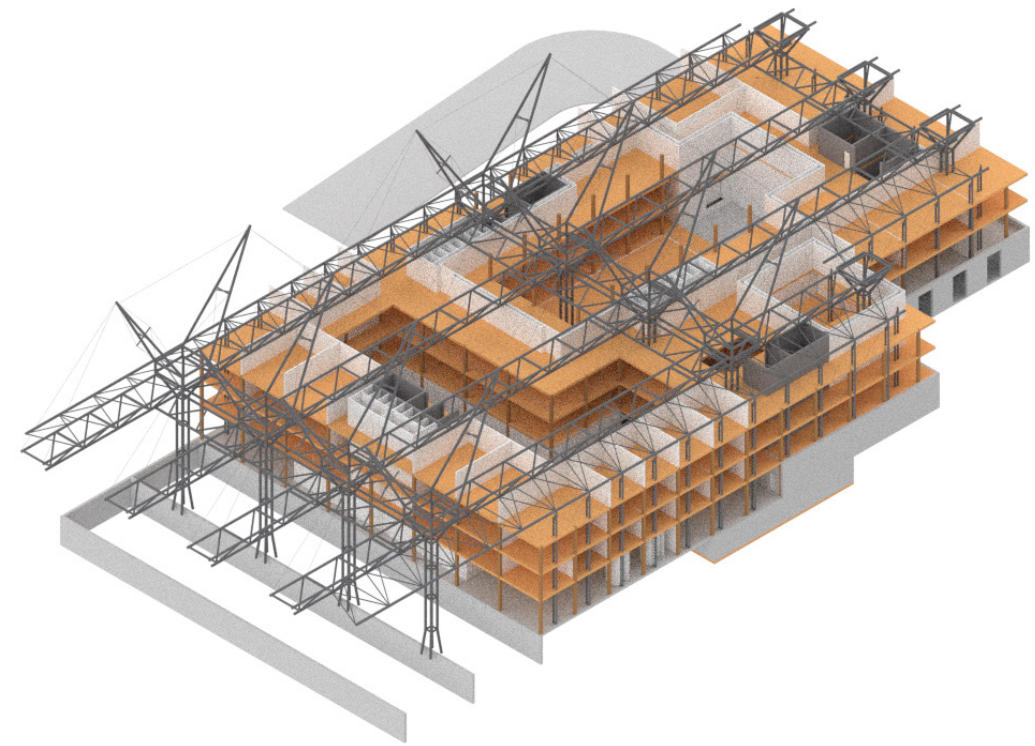
- 1 Kathedraal hall
- 2 Library
- 3 Study space
- 4 Study room
- 5 Toilet
- 6 Loading dock
- 7 Dressing room
- 8 Storage
- 9 Backstage
- 10 Exhibition space

O2
Second Floor Plan

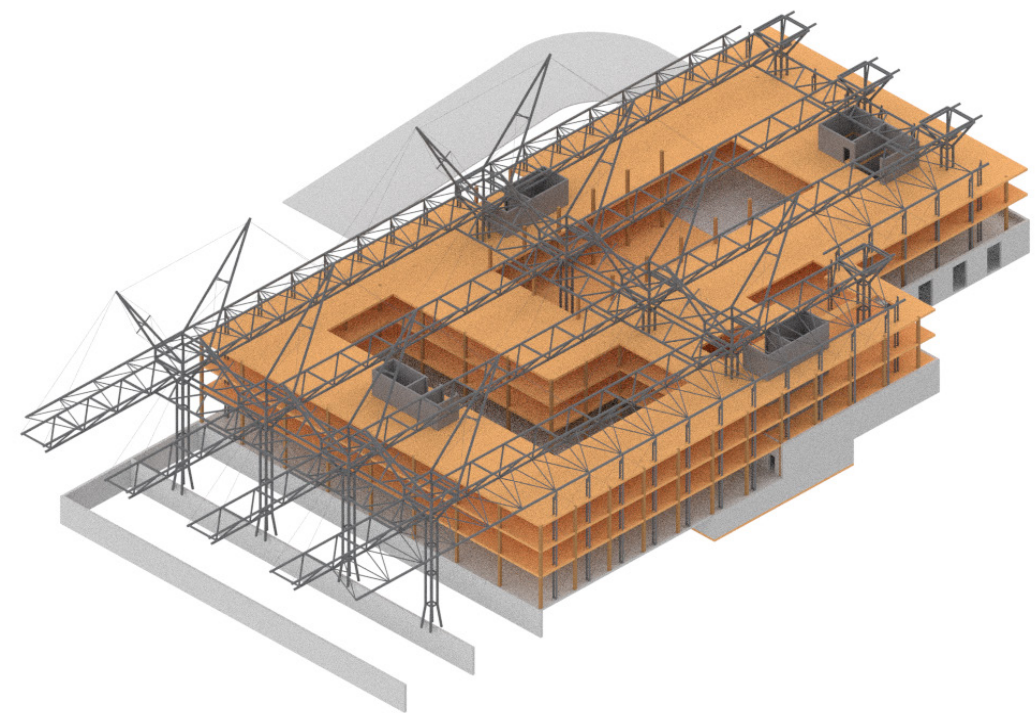
- 1 Kathedraal hall
- 2 Chapel hall
- 3 Office
- 4 Toilet
- 5 Rehearsal room (Big)
- 6 Rehearsal room (Small)
- 7 Break room



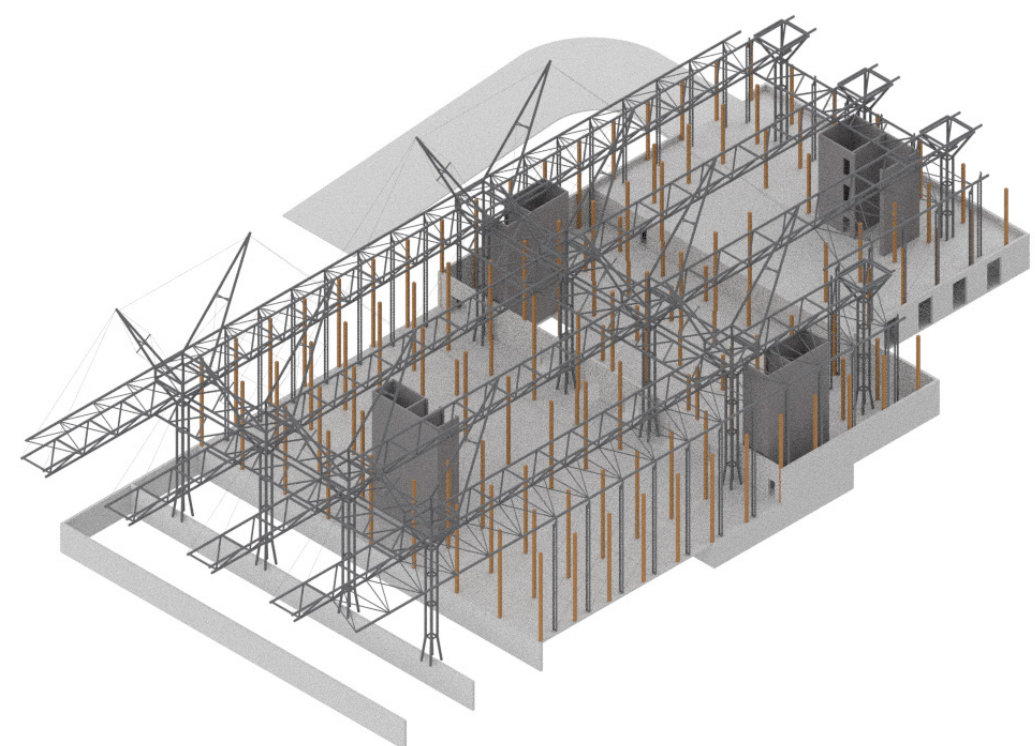
Old | Roof
New | Curtain wall facade



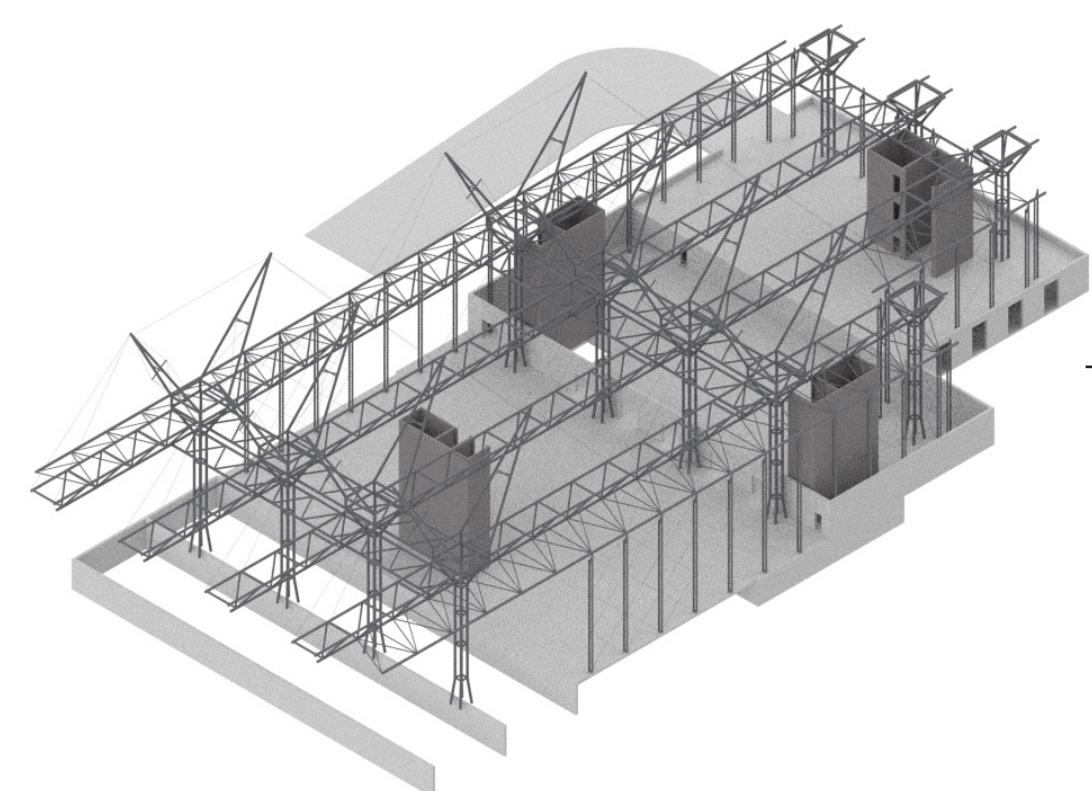
New | Separation walls



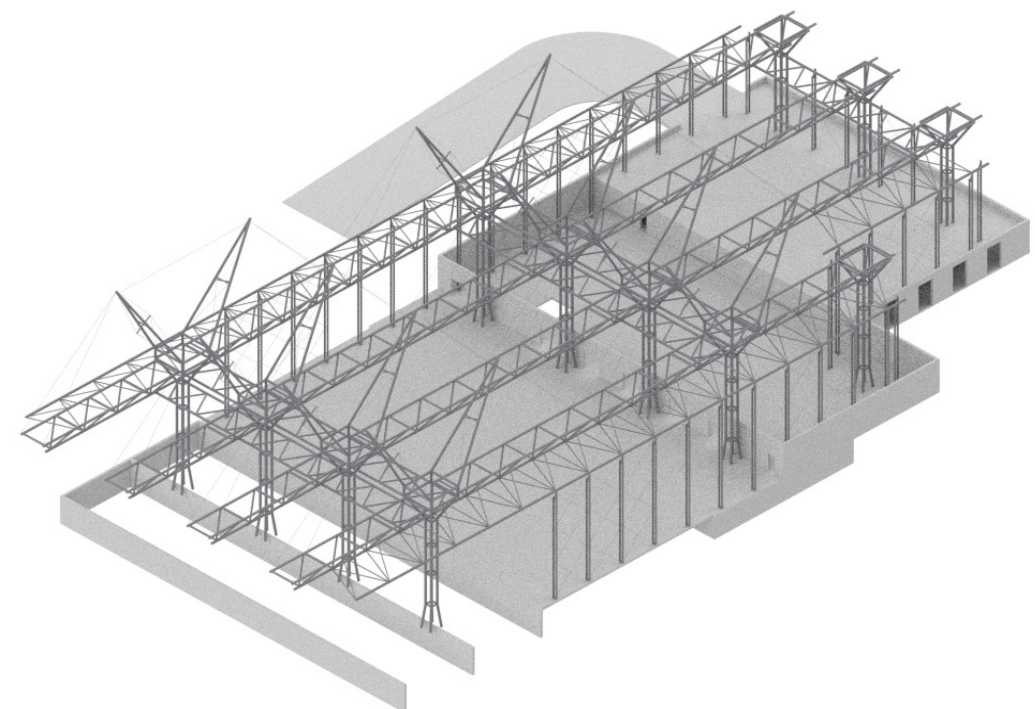
New | Timber floors



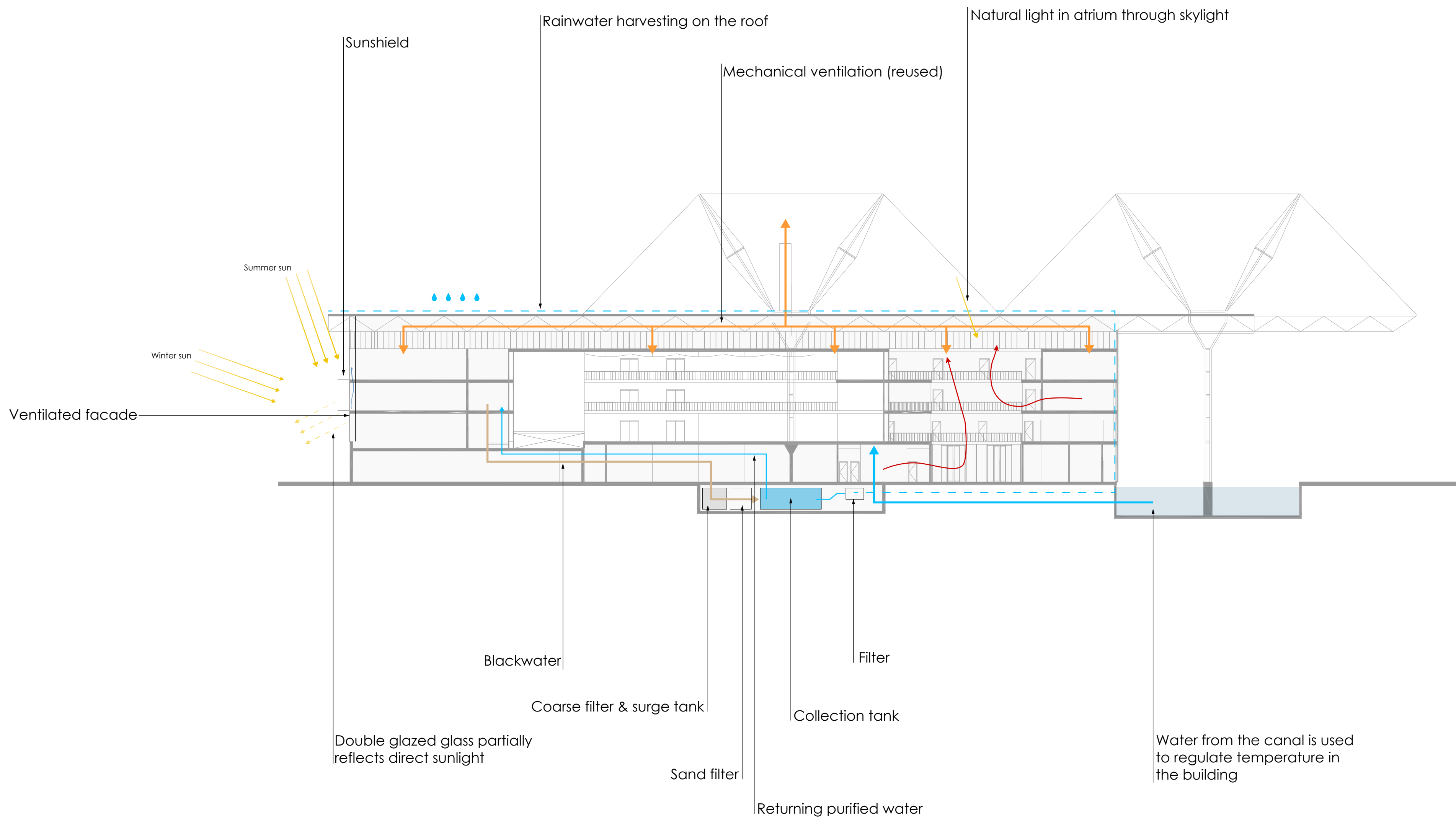
New | Timber columns



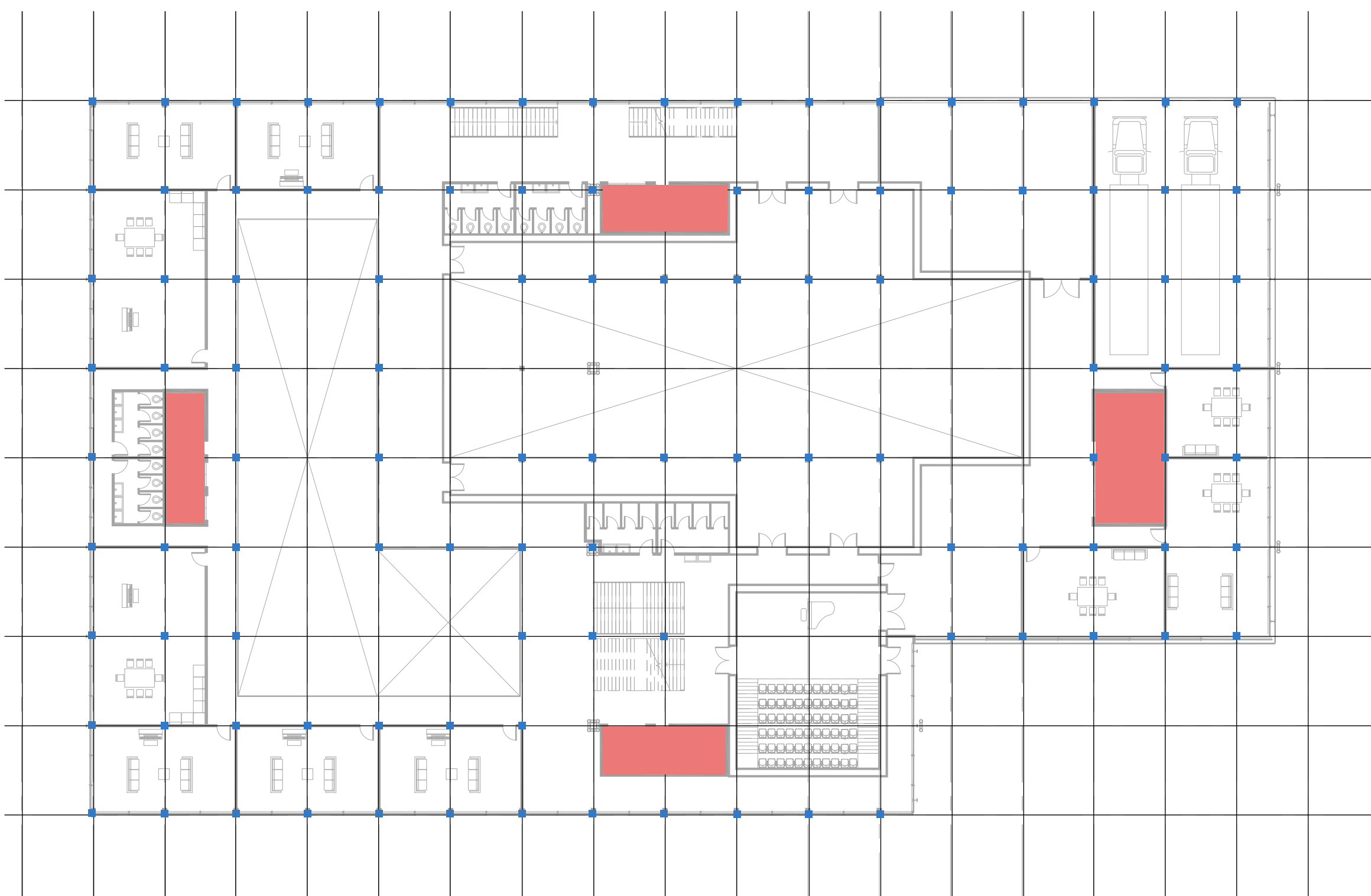
New | Concrete cores



Old | Roof +Facade Structure

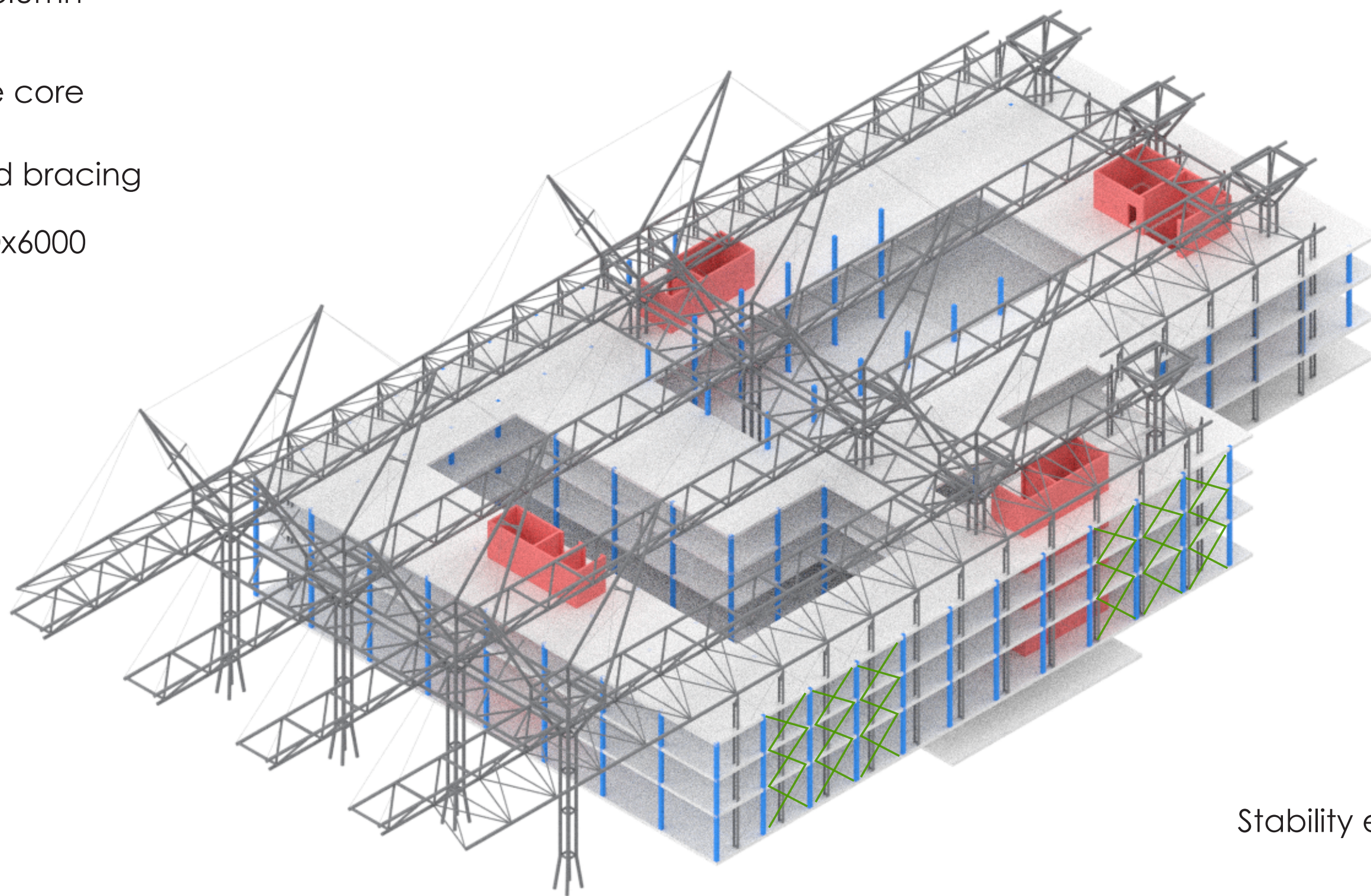


Building technology scheme

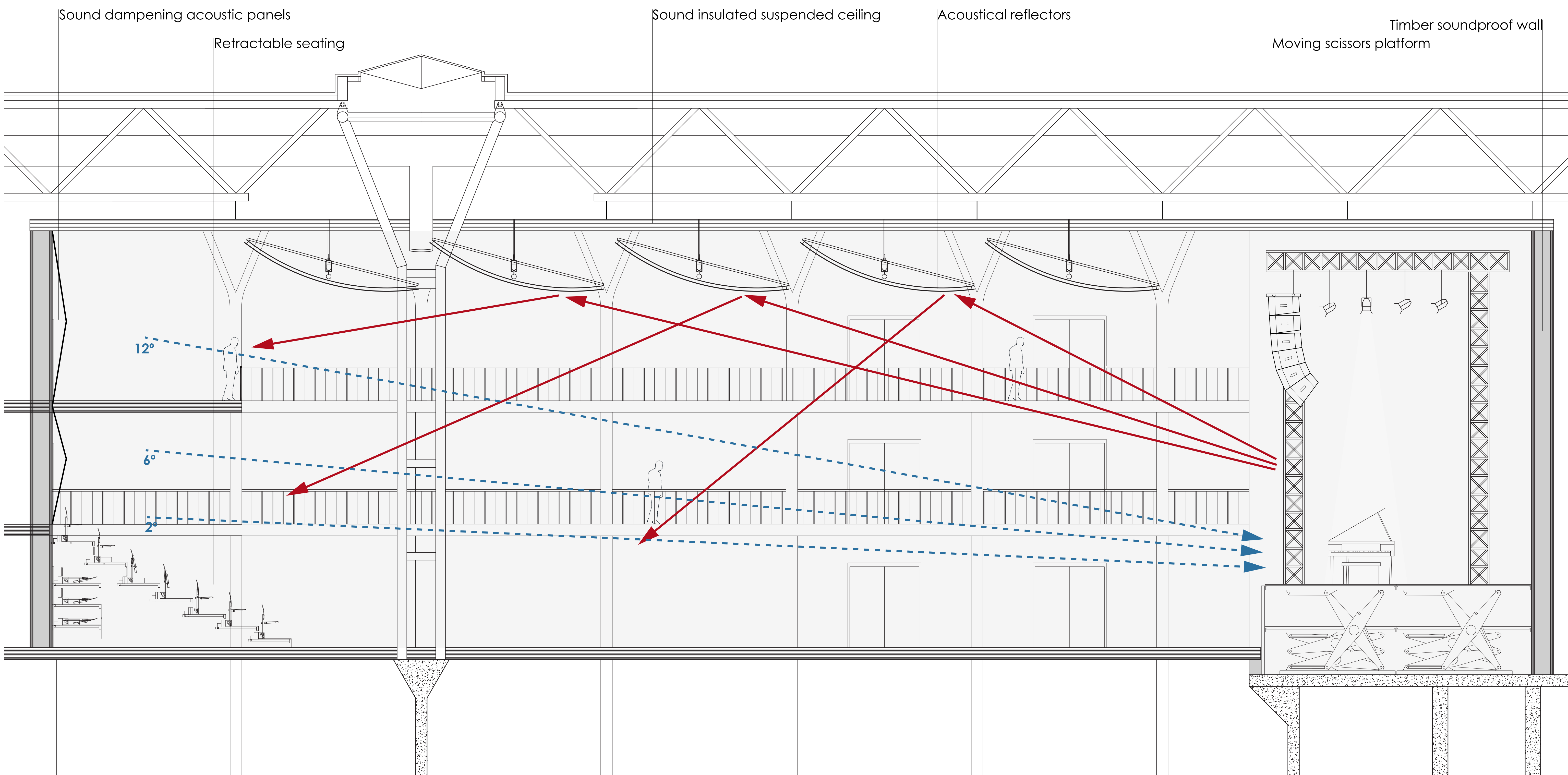


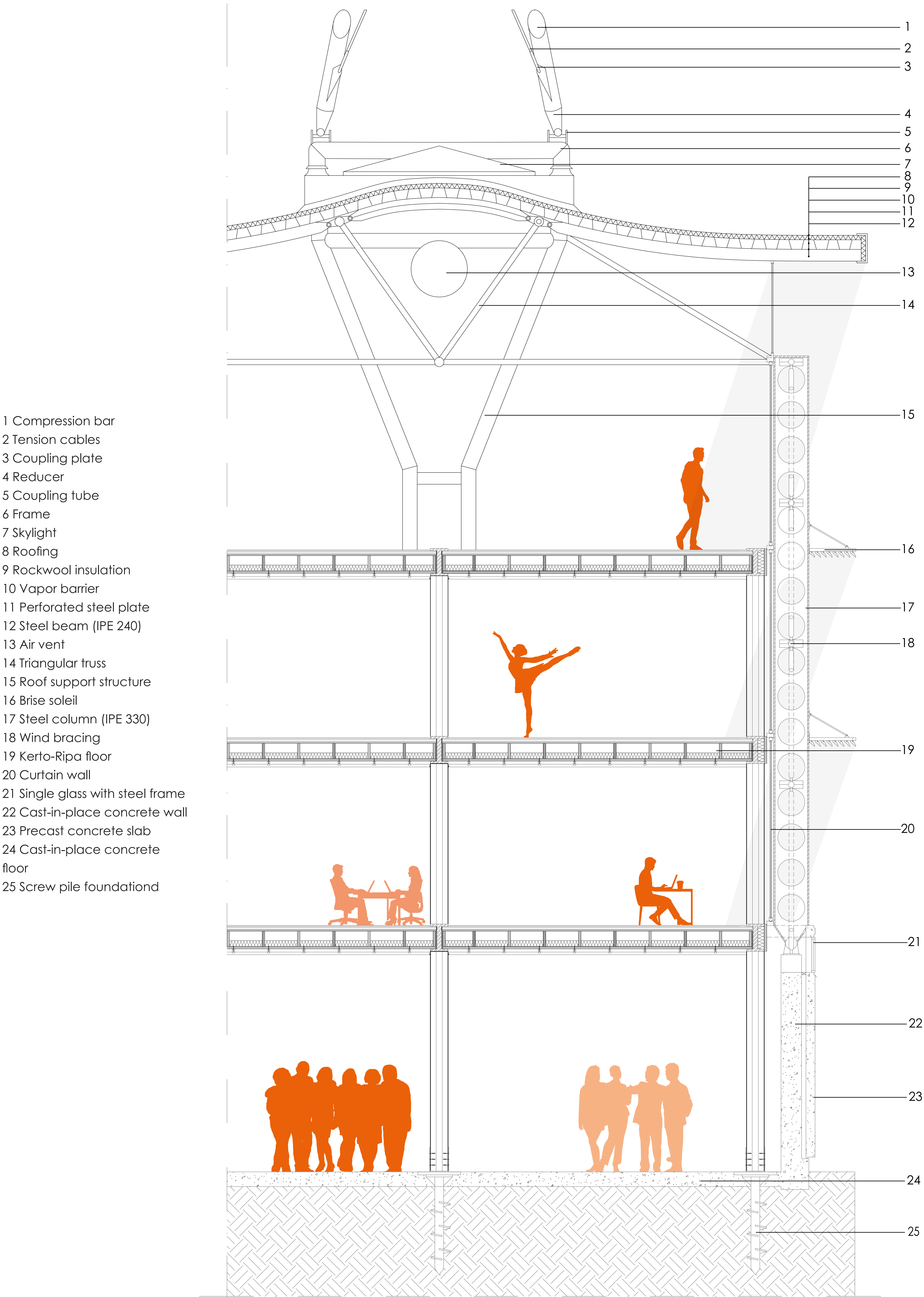
Structural grid

- Timber column
- Concrete core
- Steel wind bracing
- Grid 4800x6000

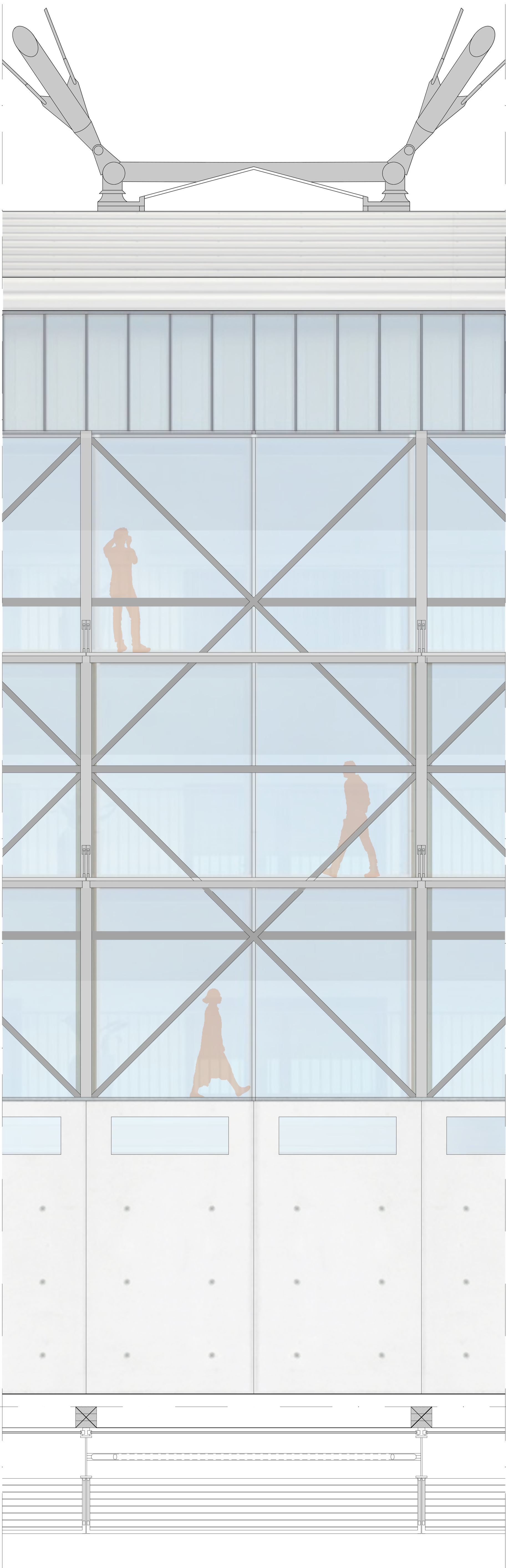


Stability elements





Fragment | 1:30



- 1 Laminate floor
2 Impact sound insulation
3 Gypsum fibre board
4 Gypsum plaster board
5 Top panel
6 Detachment strip
7 Seam wool
8 Mechanical fastening
9 Rockwool insulation
10 Acoustic suspender
11 Batten
12 Gypsum plaster board
13 Fixing bolt
14 Glulam column
(300x300)
15 Double glazed glass
16 Frame fixing element
17 Round Steel beam
18 Wind bracing
19 Steel column (IPE 330)
20 Brise soleil
21 Louvers

Details | 1:5

