

A NEW MUSEUM
for 20th century art in Berlin

Interiors Building Cities
P5 presentation Eline Degenaar
February 2, 2017

Mentors: Daniel Rosbottom, Sereh Mandias, Sam de Vocht, Mauro Parravicini

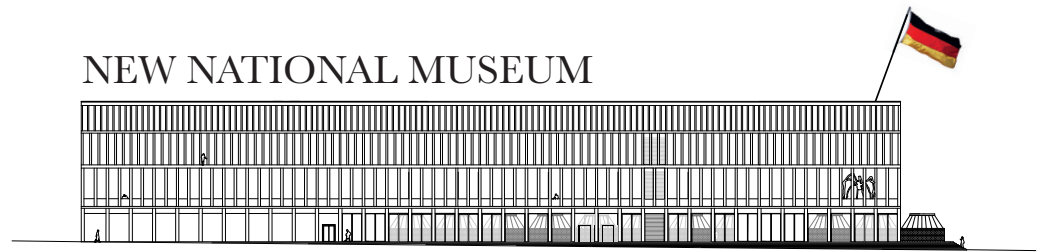
External examiner: Huib Plomp

CONTENT

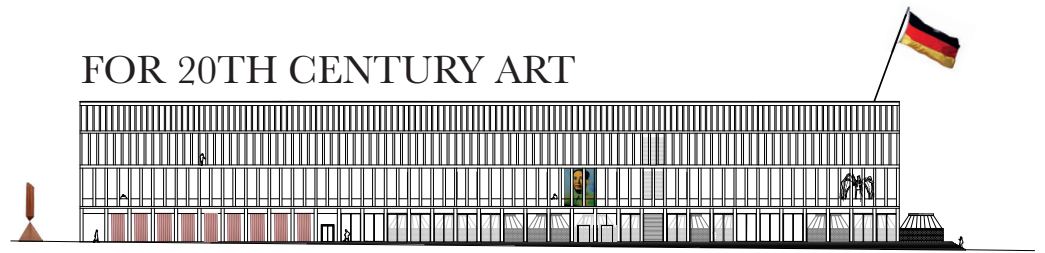
- i. the assignment and my position
 - ii. the design
- iii. a day at the museum
 - iv. some conclusions

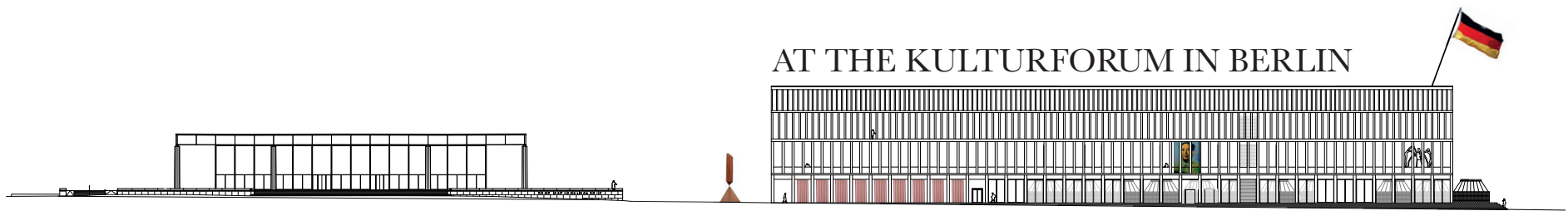
i. the assignment and my position towards this assignment

NEW NATIONAL MUSEUM



FOR 20TH CENTURY ART





AT THE KULTURFORUM IN BERLIN

An extension to the
NEUE NATIONAL GALLERY
from Mies van der Rohe



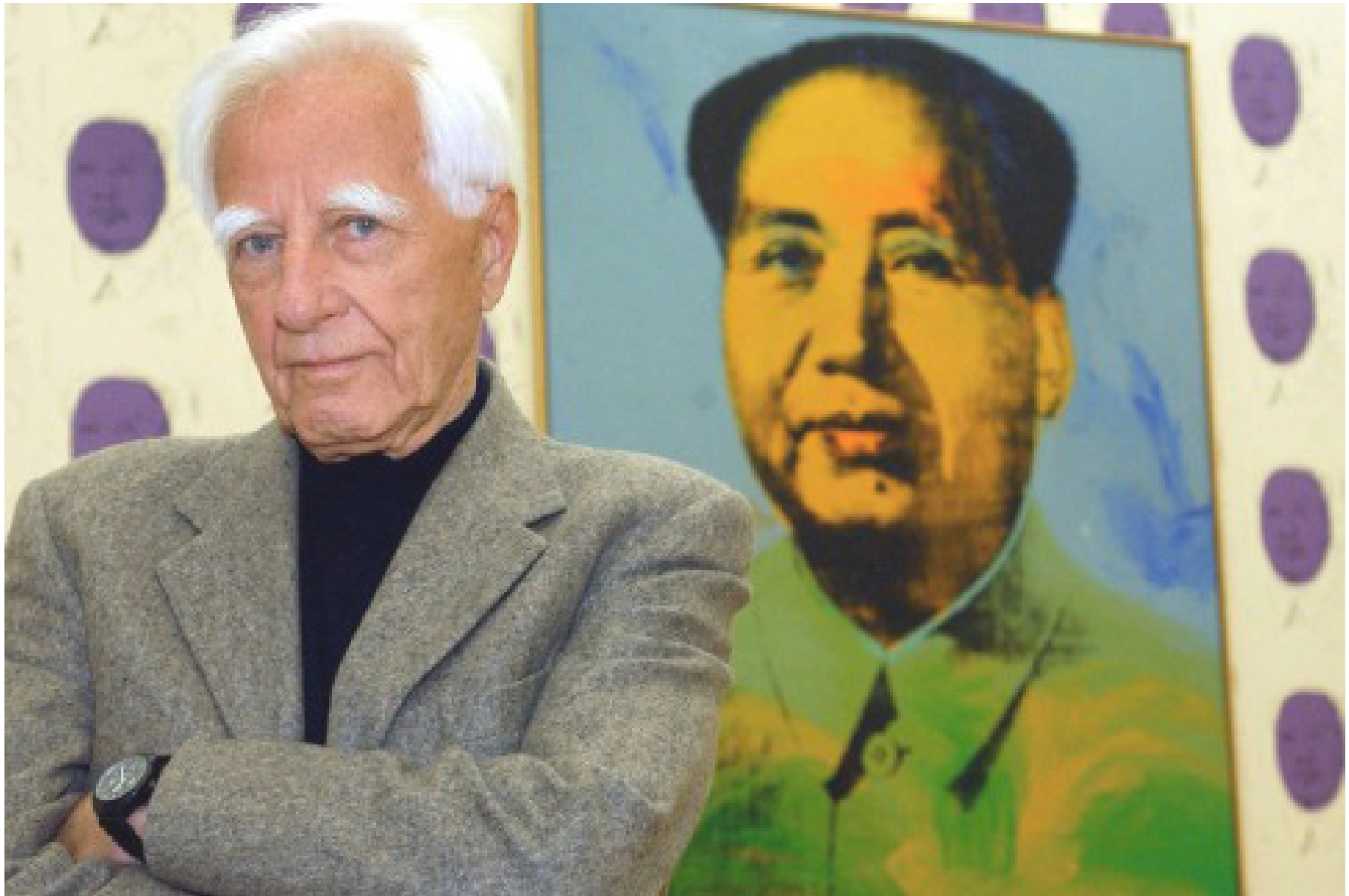
800 firms participated







Pietsch



Marx



Marzona



Location



Location



Between two architectural icons



St Matthäus Kirche



State library - Hans scharoun



Guggenheim, Bilbao, Frank Gehry



Great Court at the British Museum, London, Norman Foster



Exention Tate Modern, London, Herzorg and de Meuron

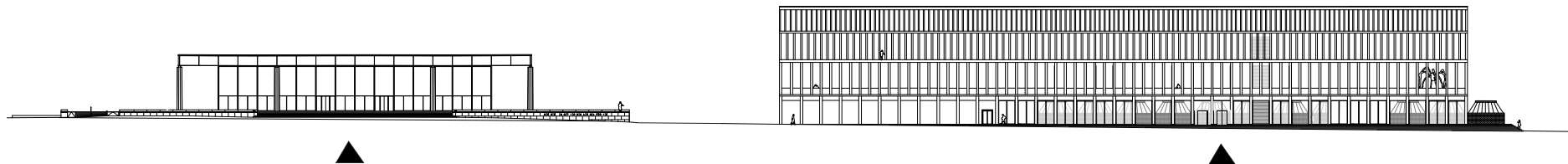


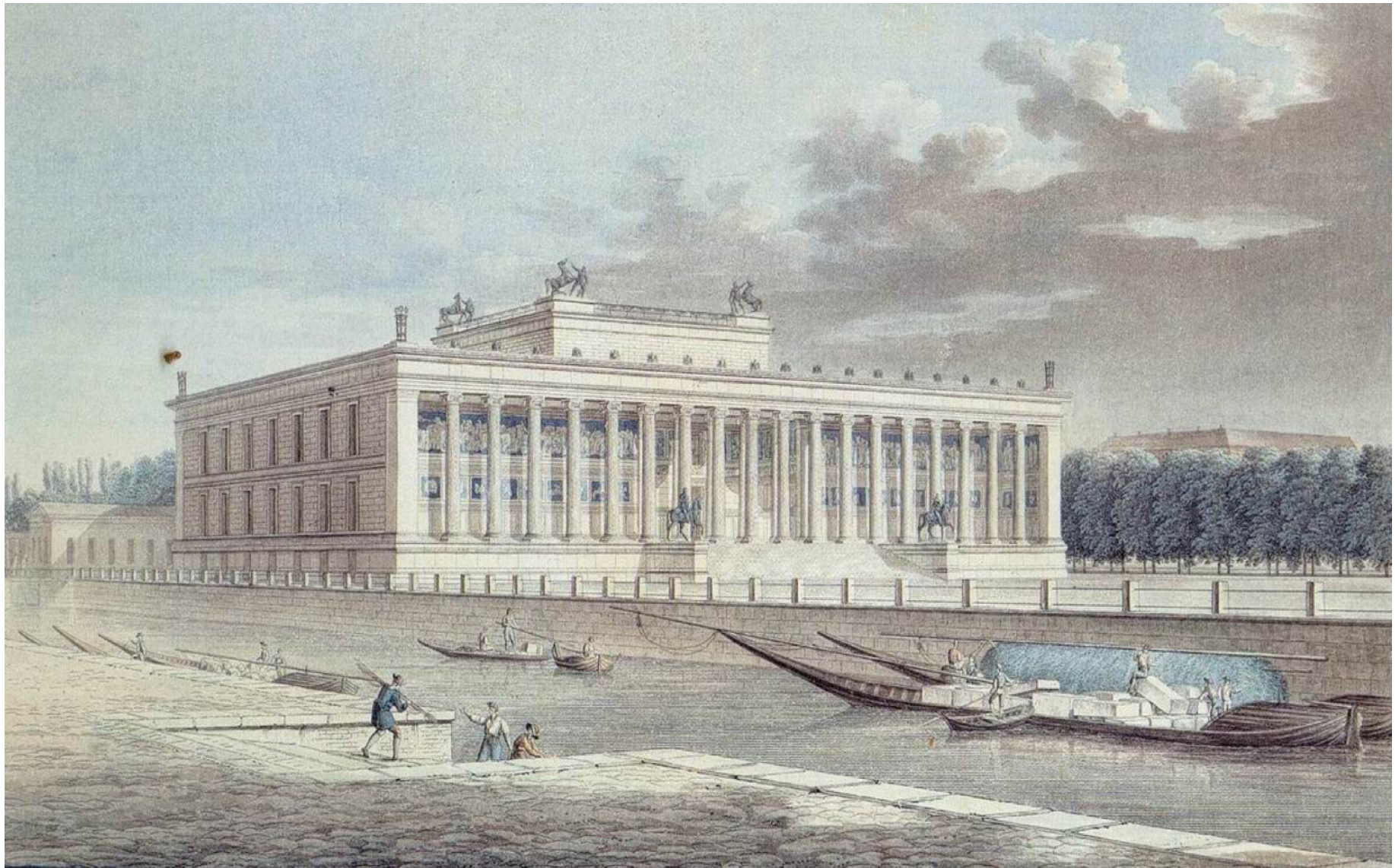
Mediating with the grid of Mies



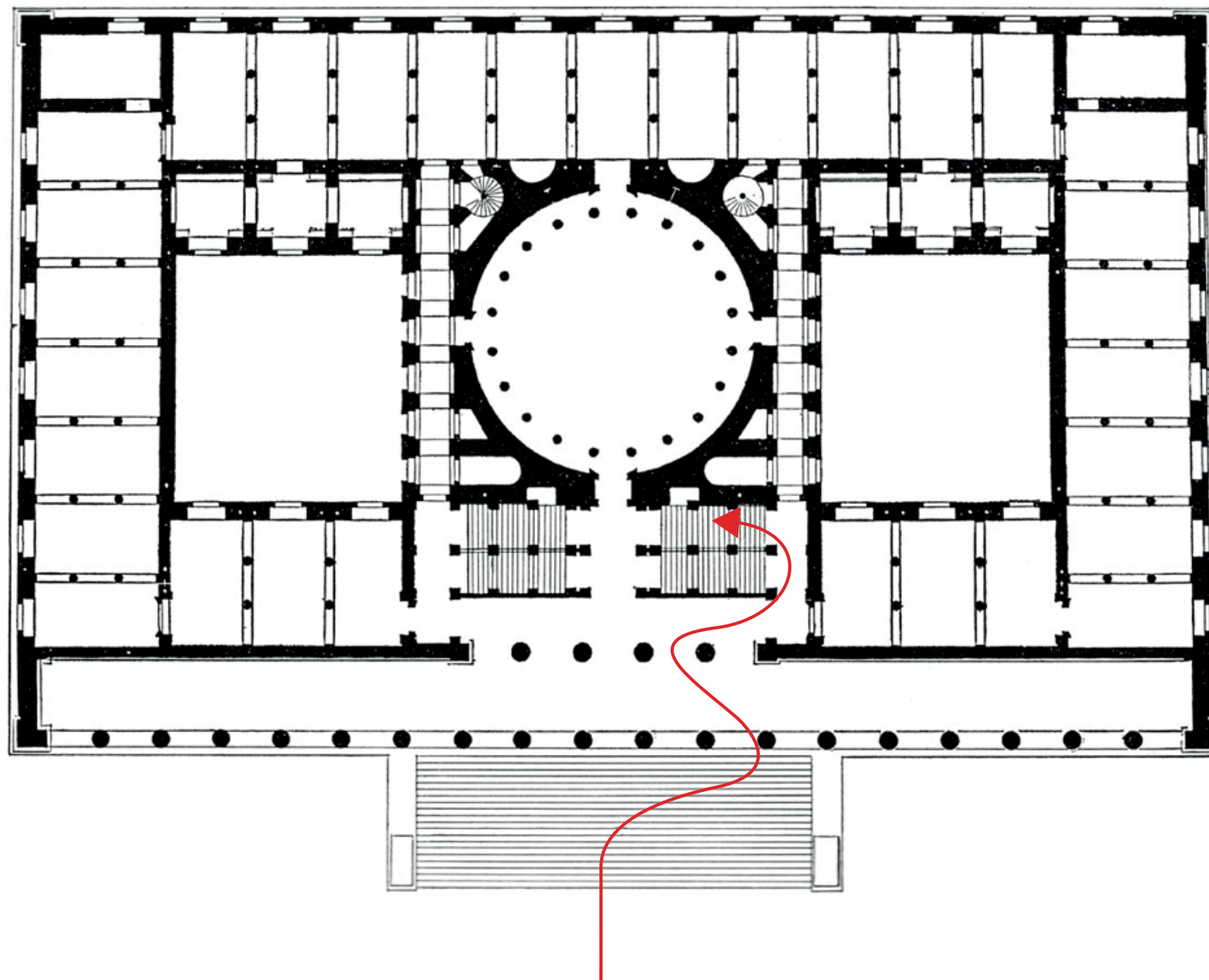
Maintain a dialogue between two architectural icons

MUSEUM OF THE 20TH CENTURY





Das Altes Museum, Schinkel, 1830





The public stoa as viewing platform



Kulturforum, 1963



Maren Karlson: 'I like the idea of showing art in a setting which is easy accessible to a large variety of people.'

Research question:

Since this is a national museum which aims to contribute to the creation of a strong communal identity, how can its architecture facilitate this proces in the best possible way?

ii. the design













What is happening inside?



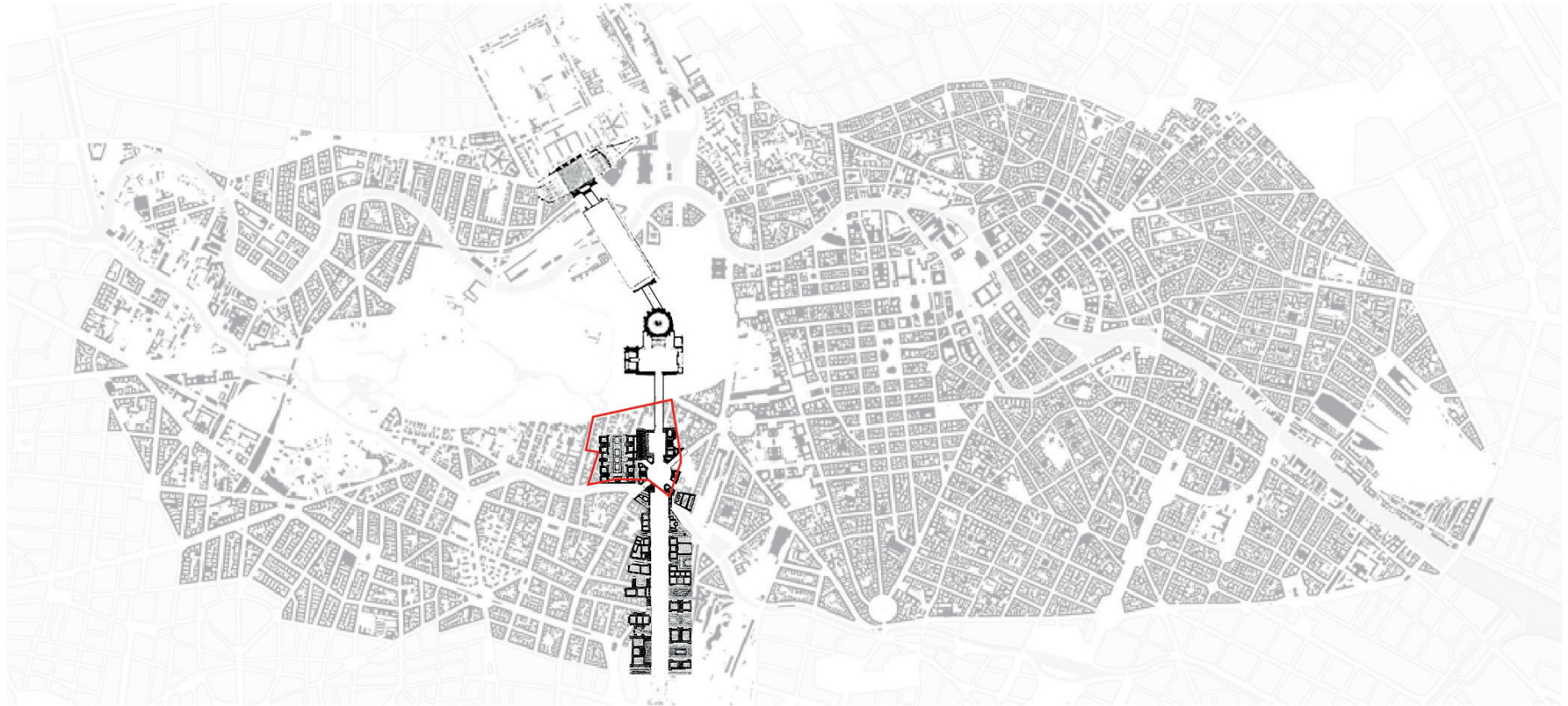
Potsdamerstrasse in



Berlin 1940



Berlin 1953



North South Axis, Albert Speer



Kulturforum, 1963



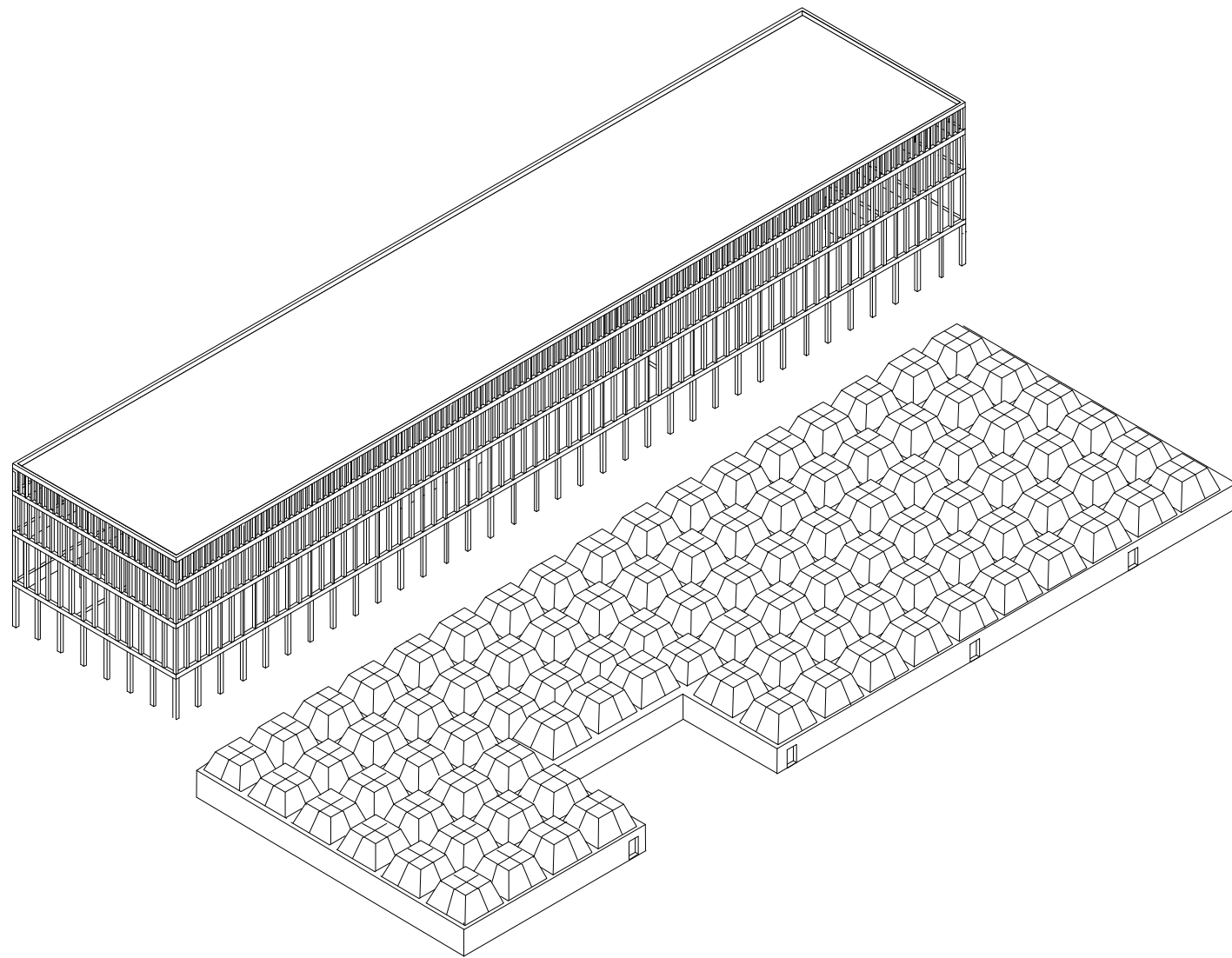
Kulturforum, 1990



Leipzigerstrasse today



Leipzigerstrasse 1900



The street block & the gallery slab

Public

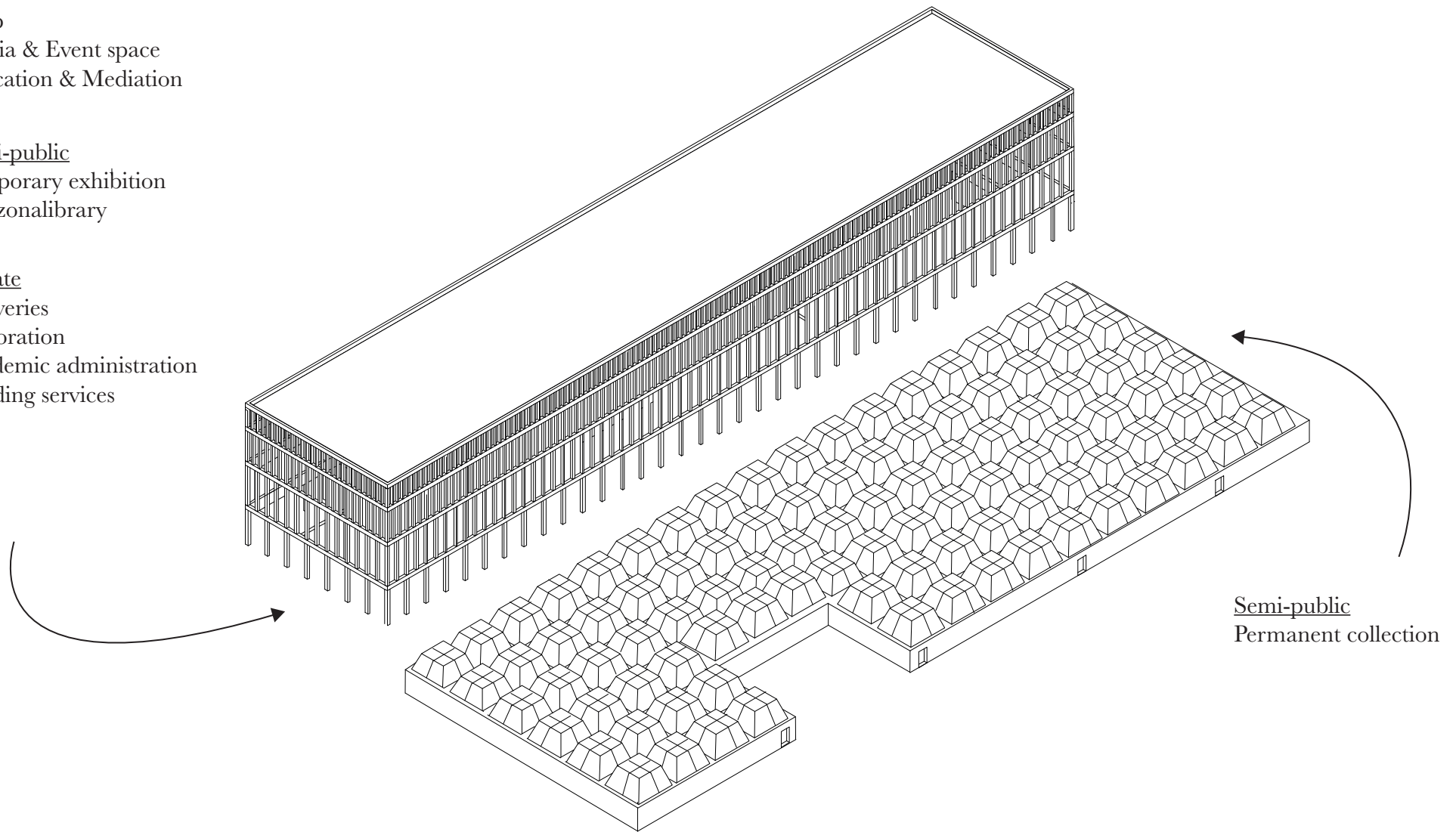
Foyer
Restaurant
Café
Shop
Media & Event space
Education & Mediation

Semi-public

Temporary exhibition
Marzonalibrary

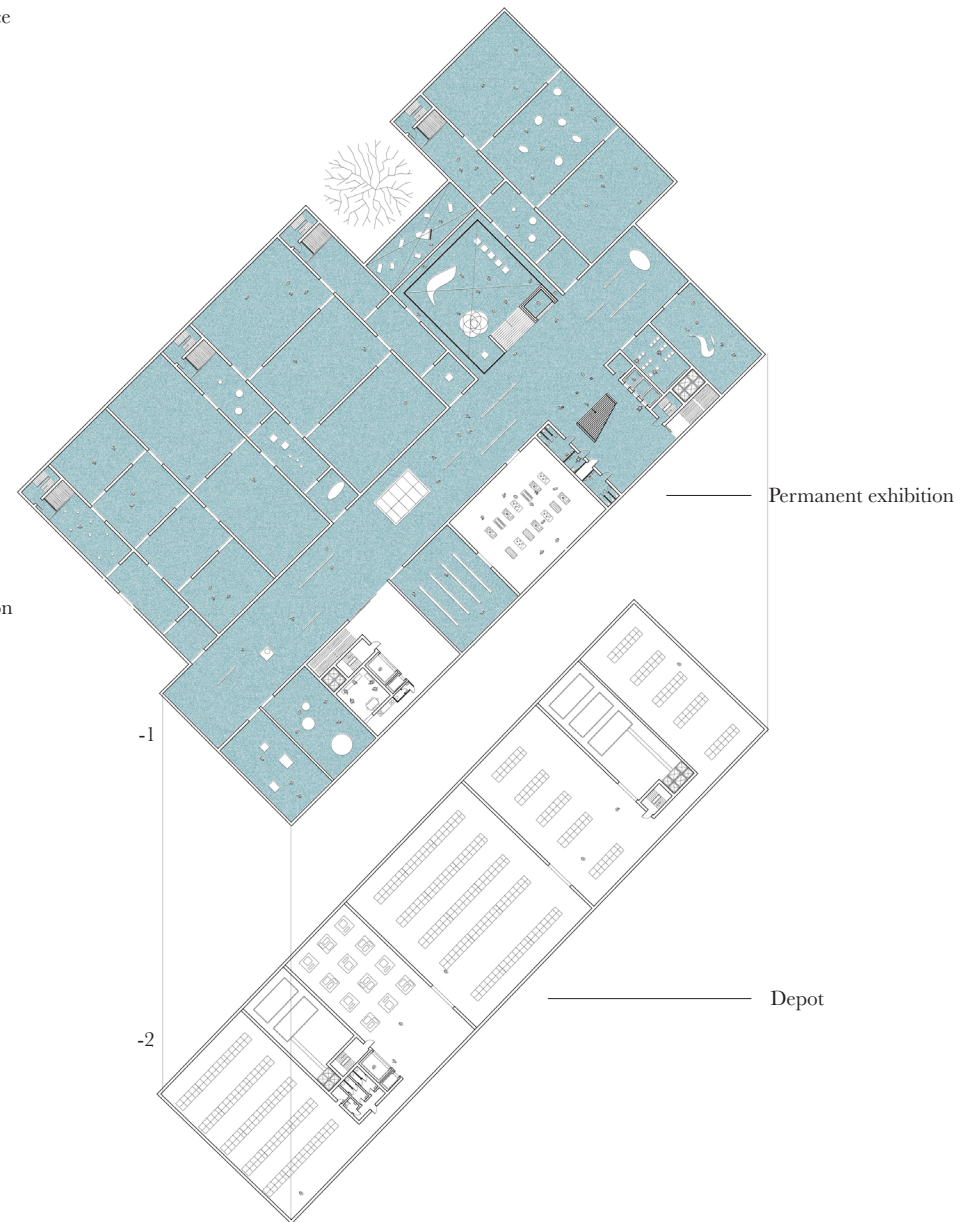
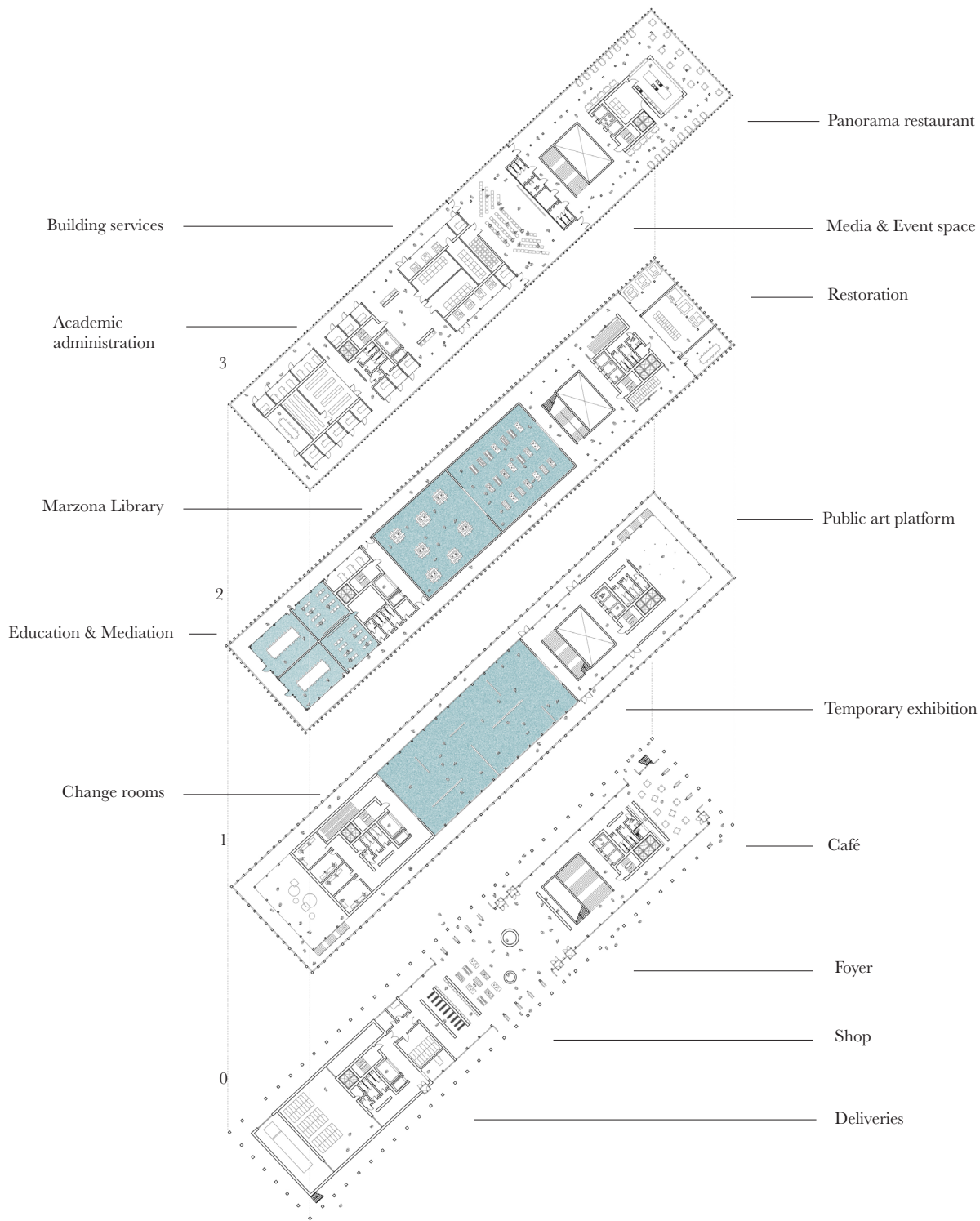
Private

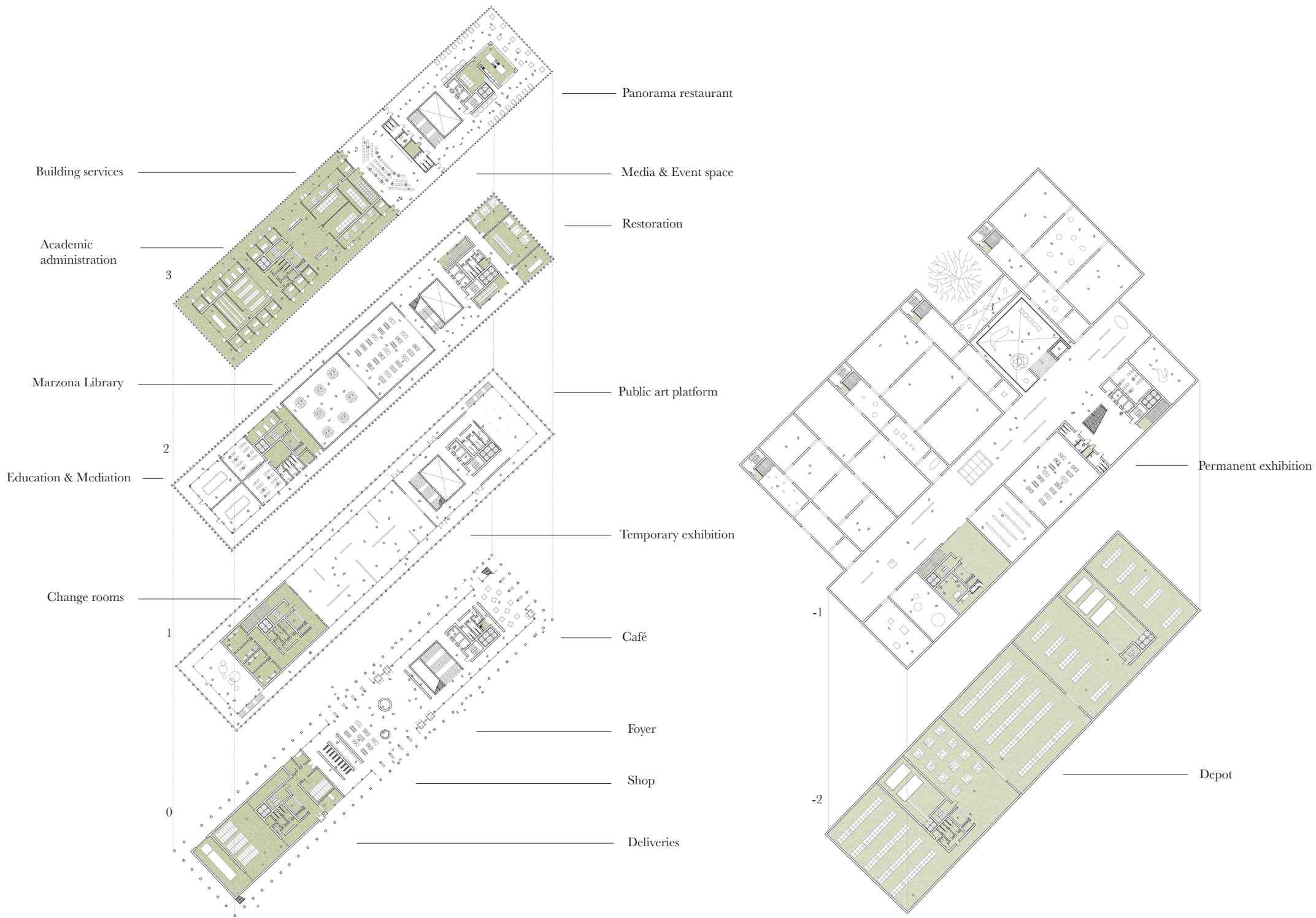
Deliveries
Restoration
Academic administration
Building services

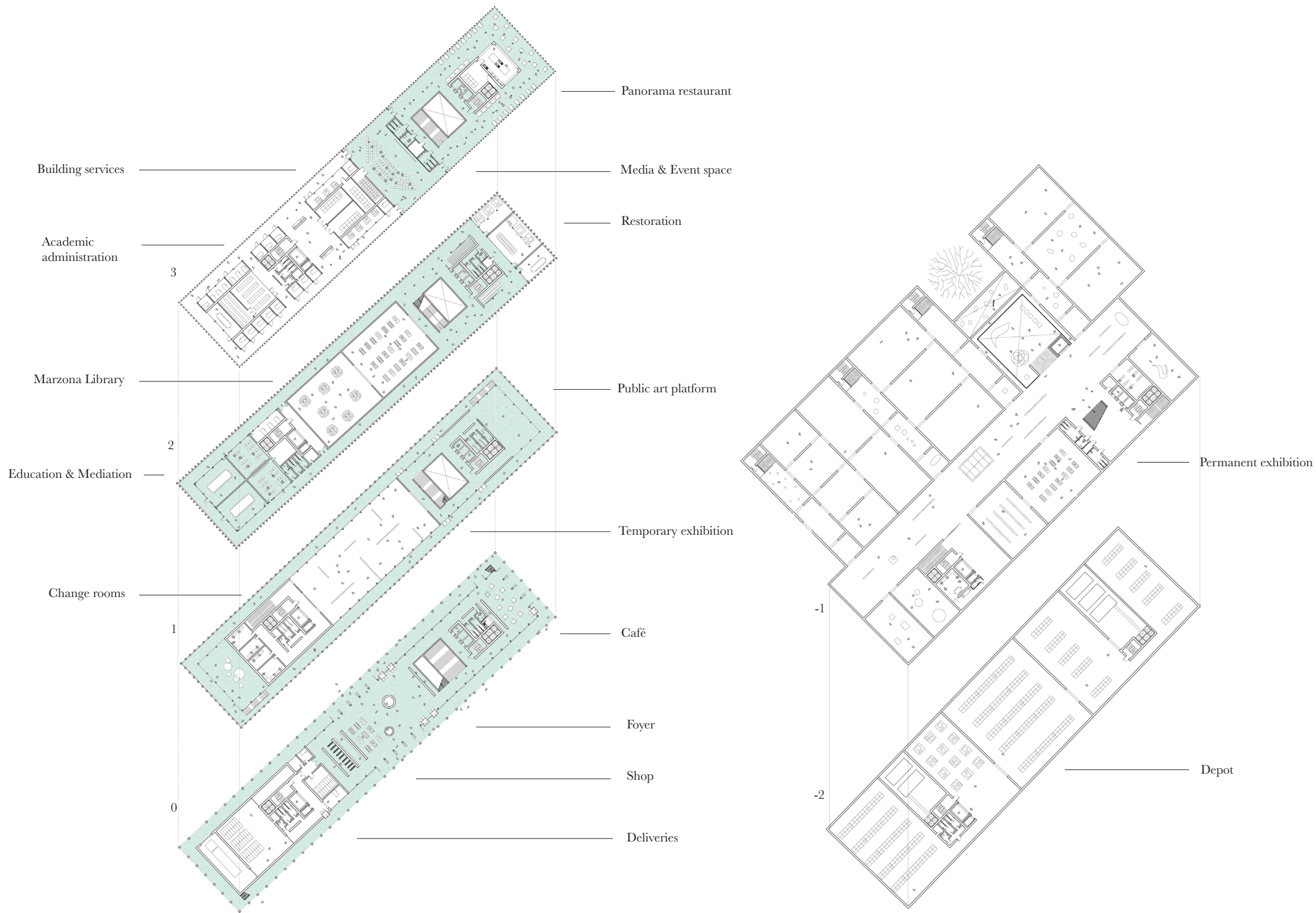




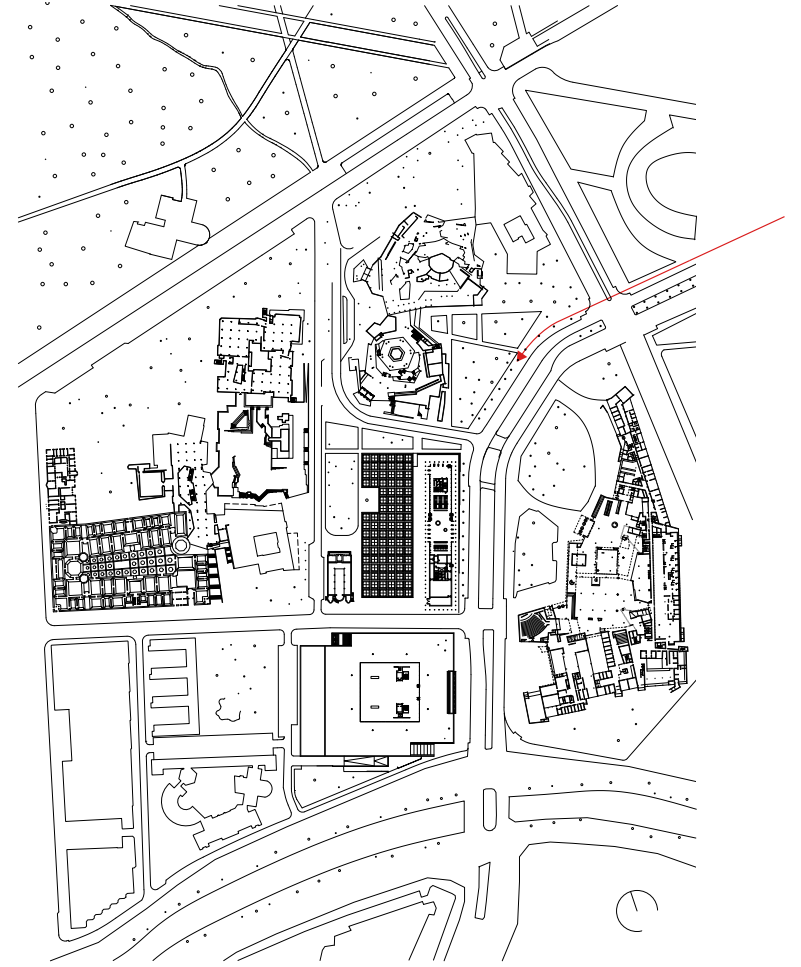
Malmö Kunsthall, Klas Anshelm, 1975



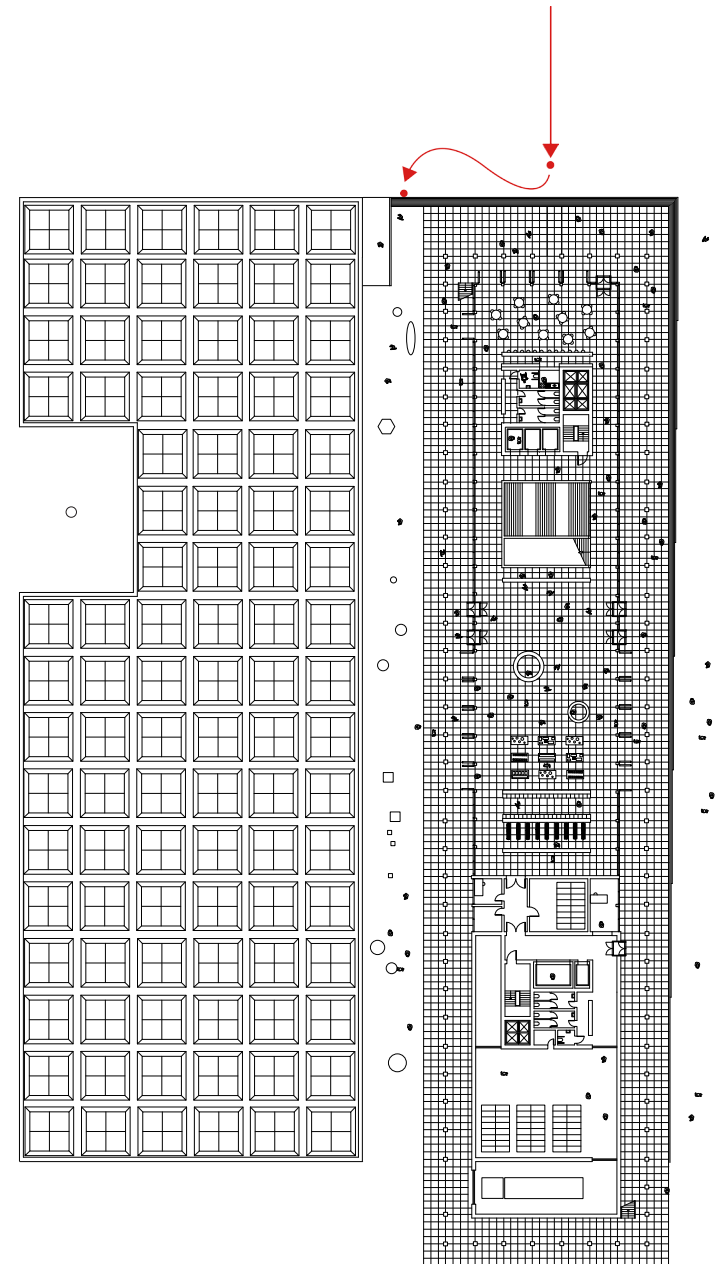




iii. a day at the museum

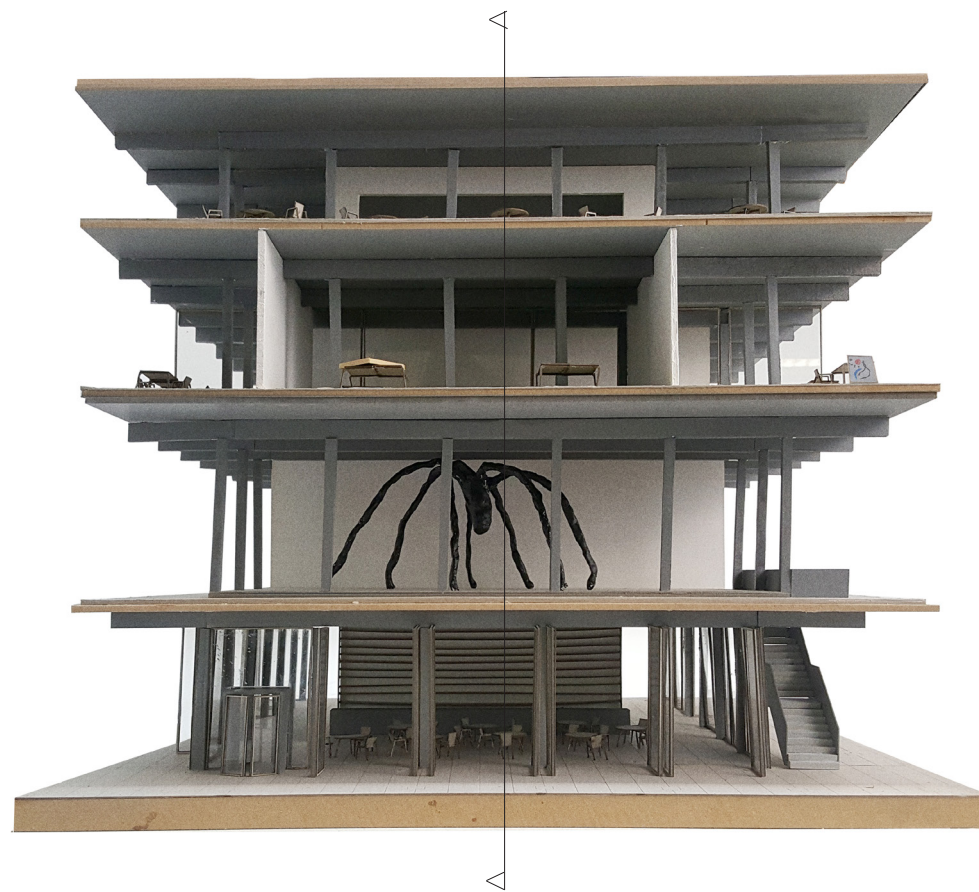
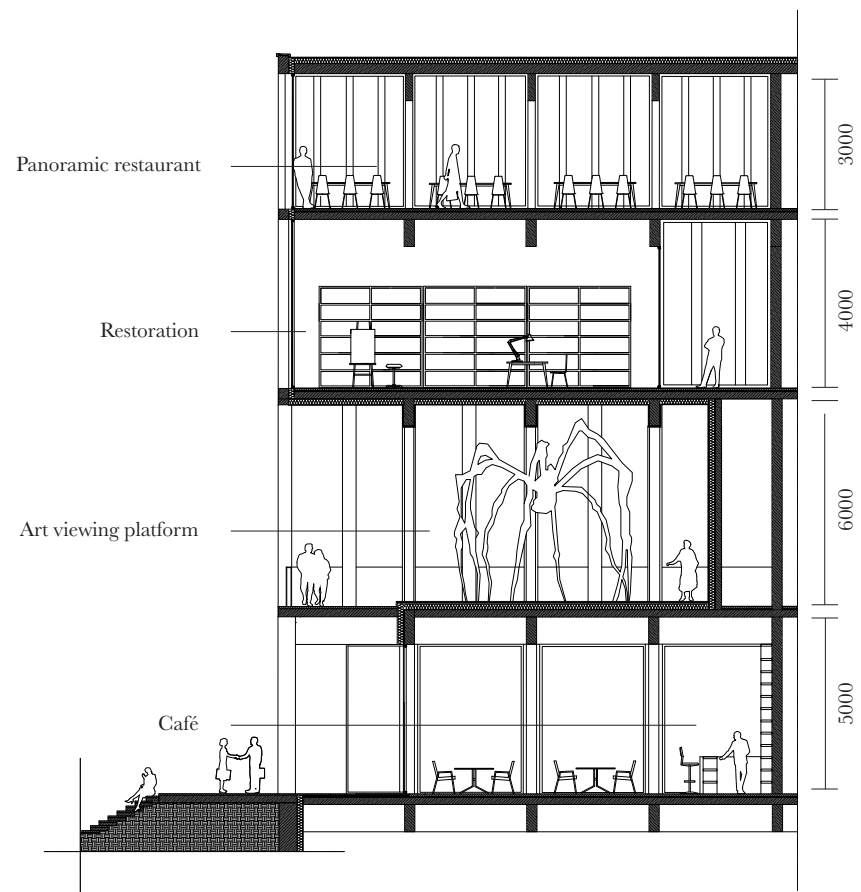


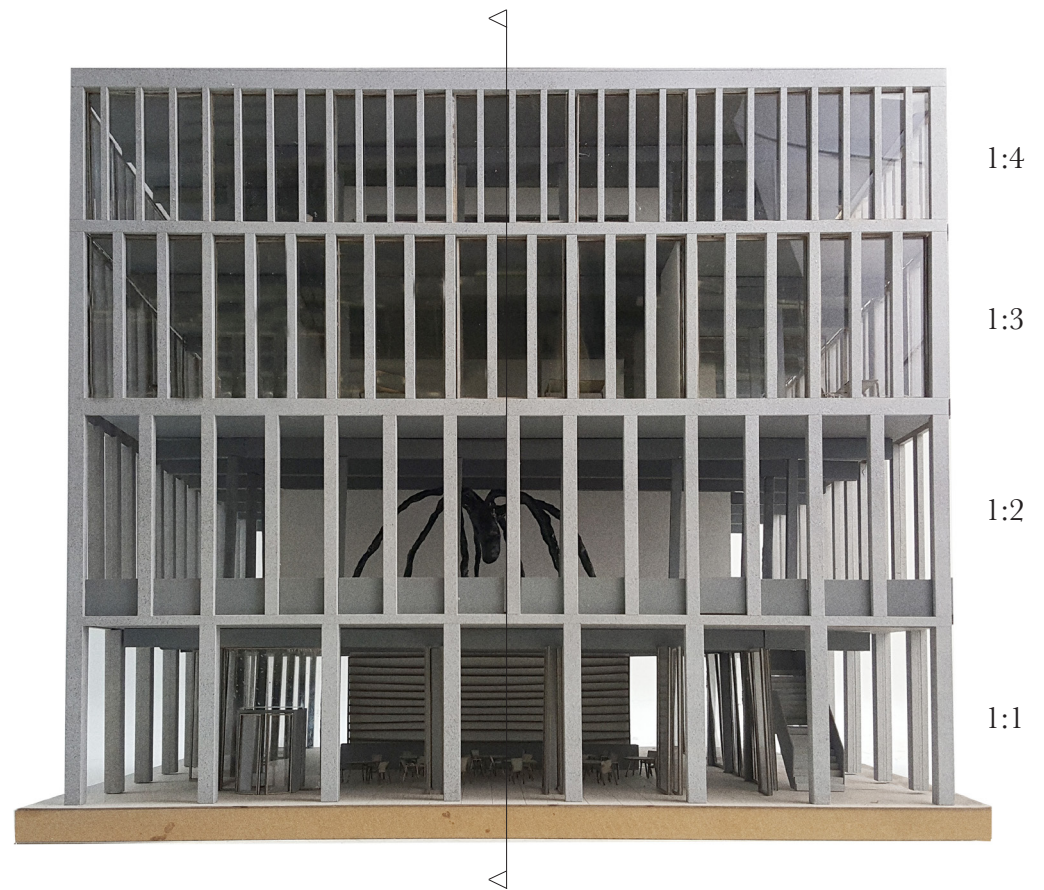
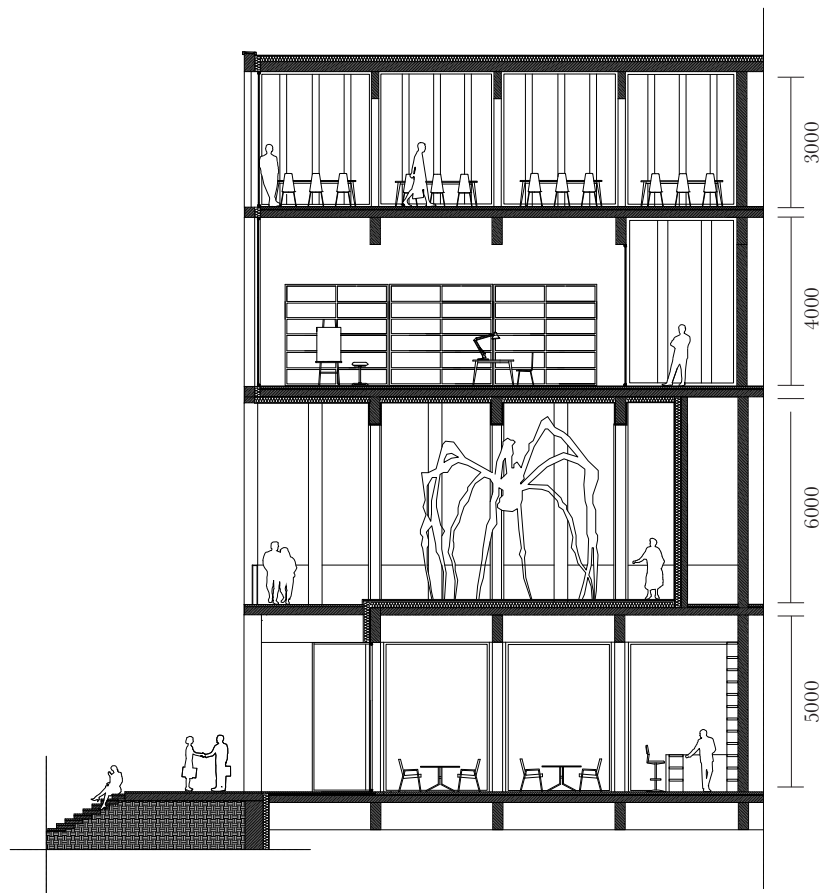
Potsdamer Strasse 02.05.2017 9:15 18 °C 4,3 m/s



The café 02.05.2017 9:30 18 °C 4,3 m/s



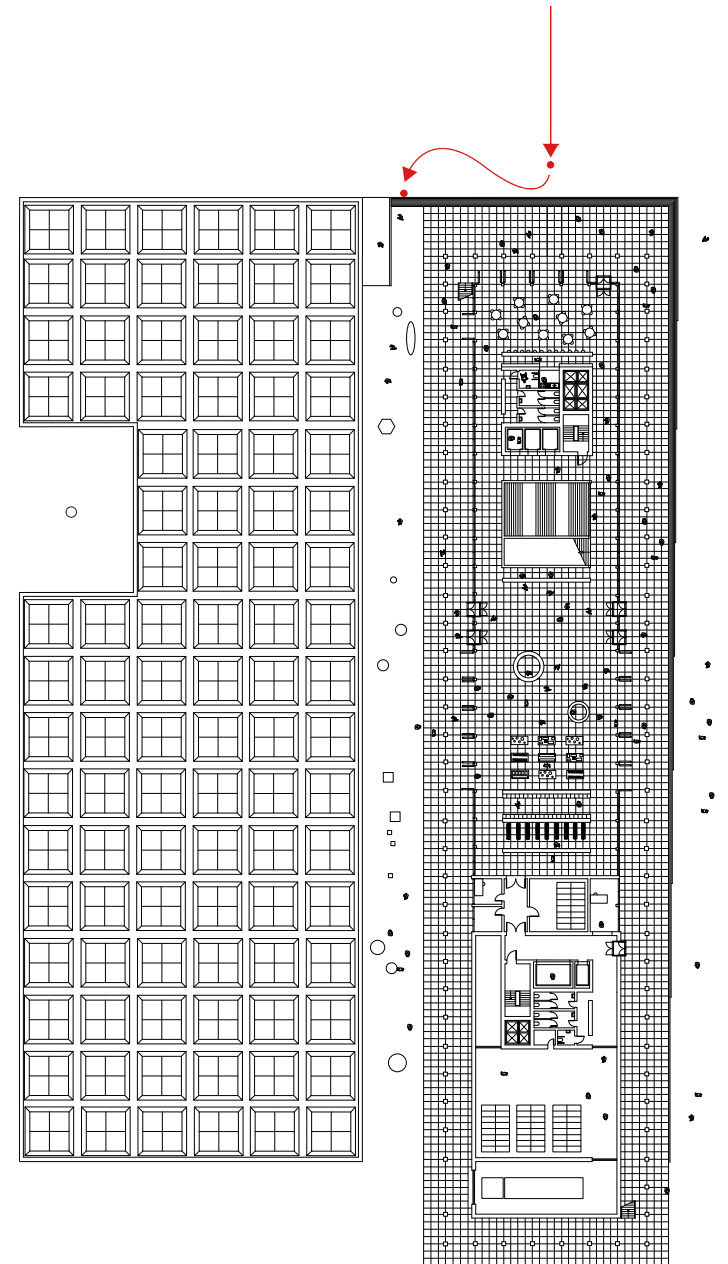
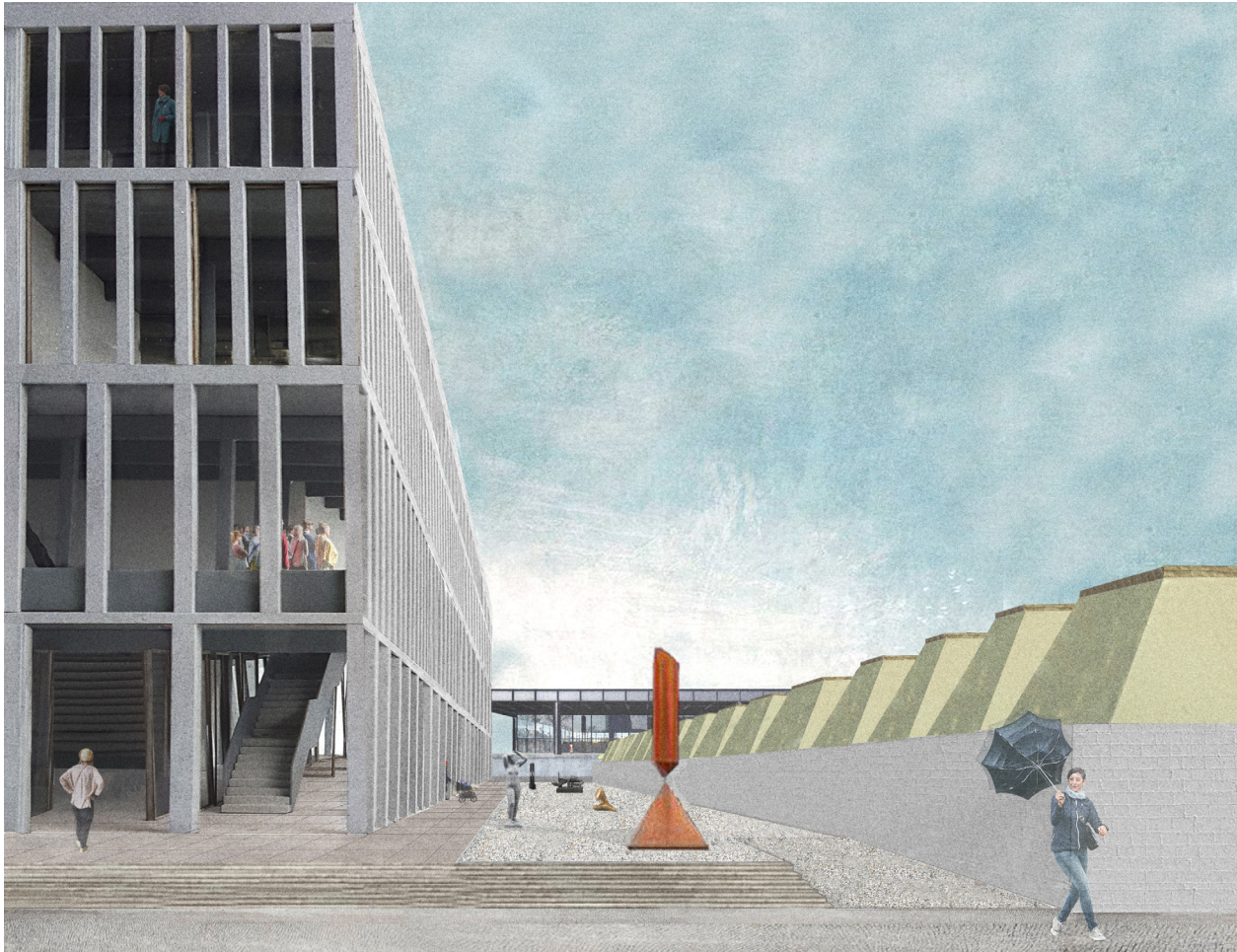




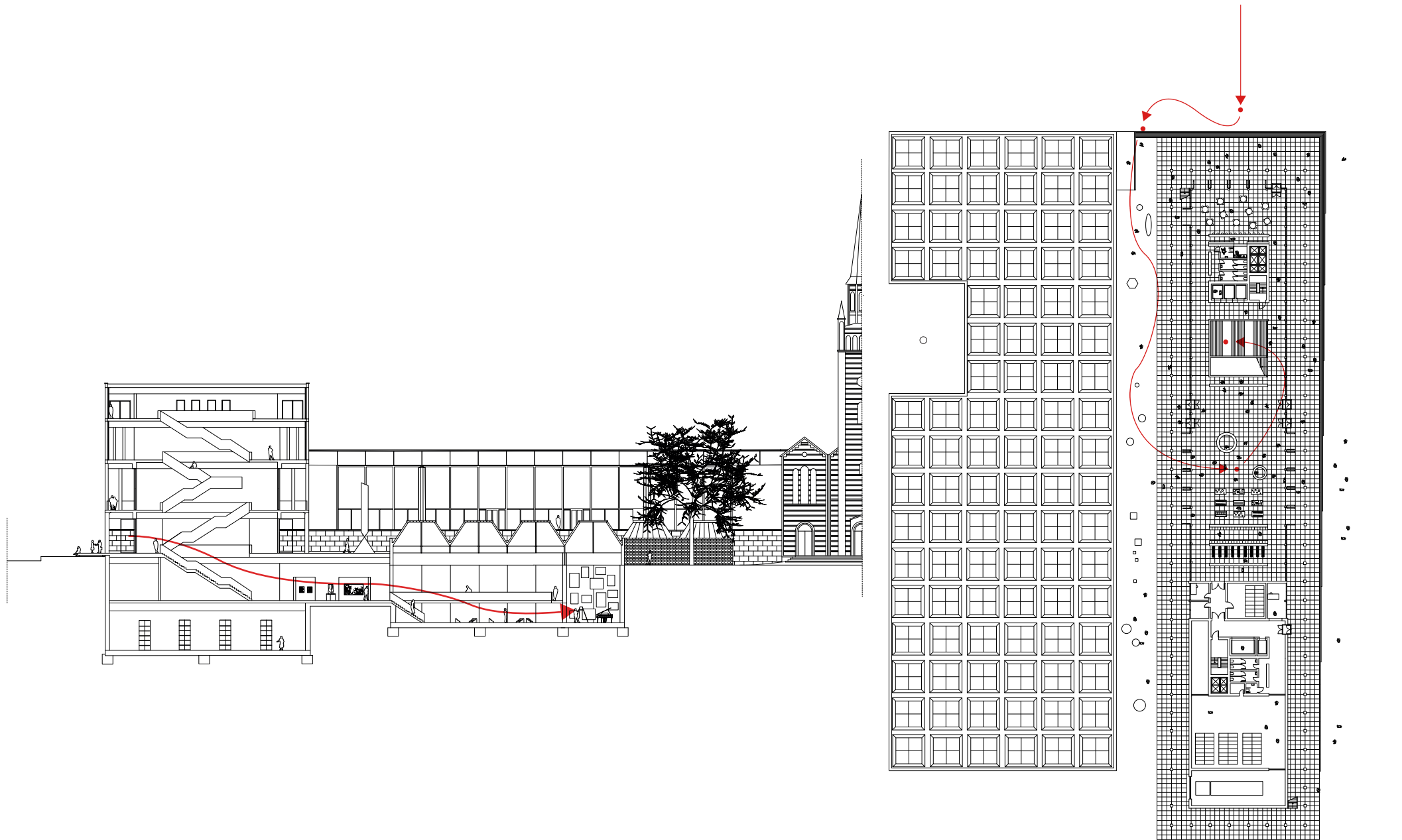


Fine exposed aggregate finish





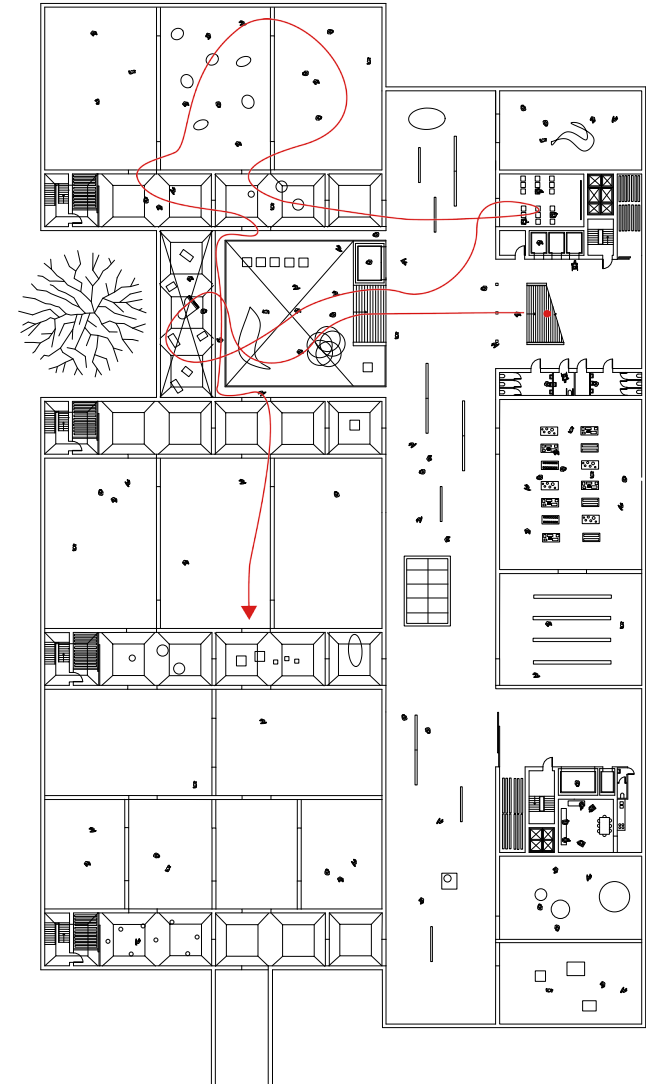
The sculpture garden 02.05.2017 9:50 18 °C 4,3 m/s



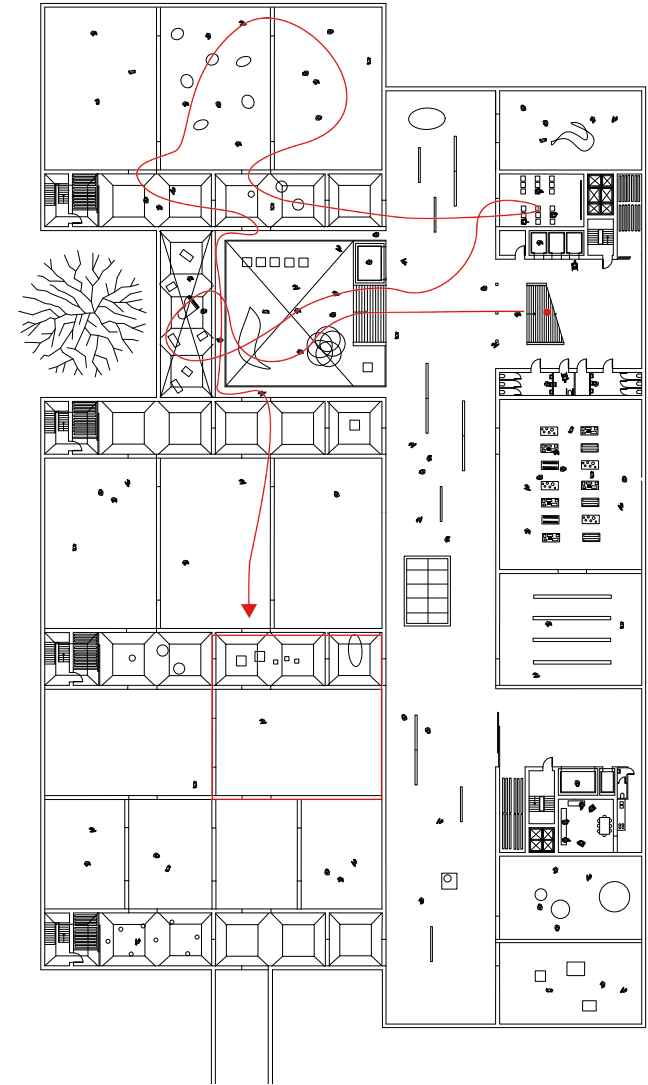
Descend to Das Kapital Raum 02.02.2017 9:50 1 °C 4,3 m/s



Das Kapital Raum, Joseph Beuys



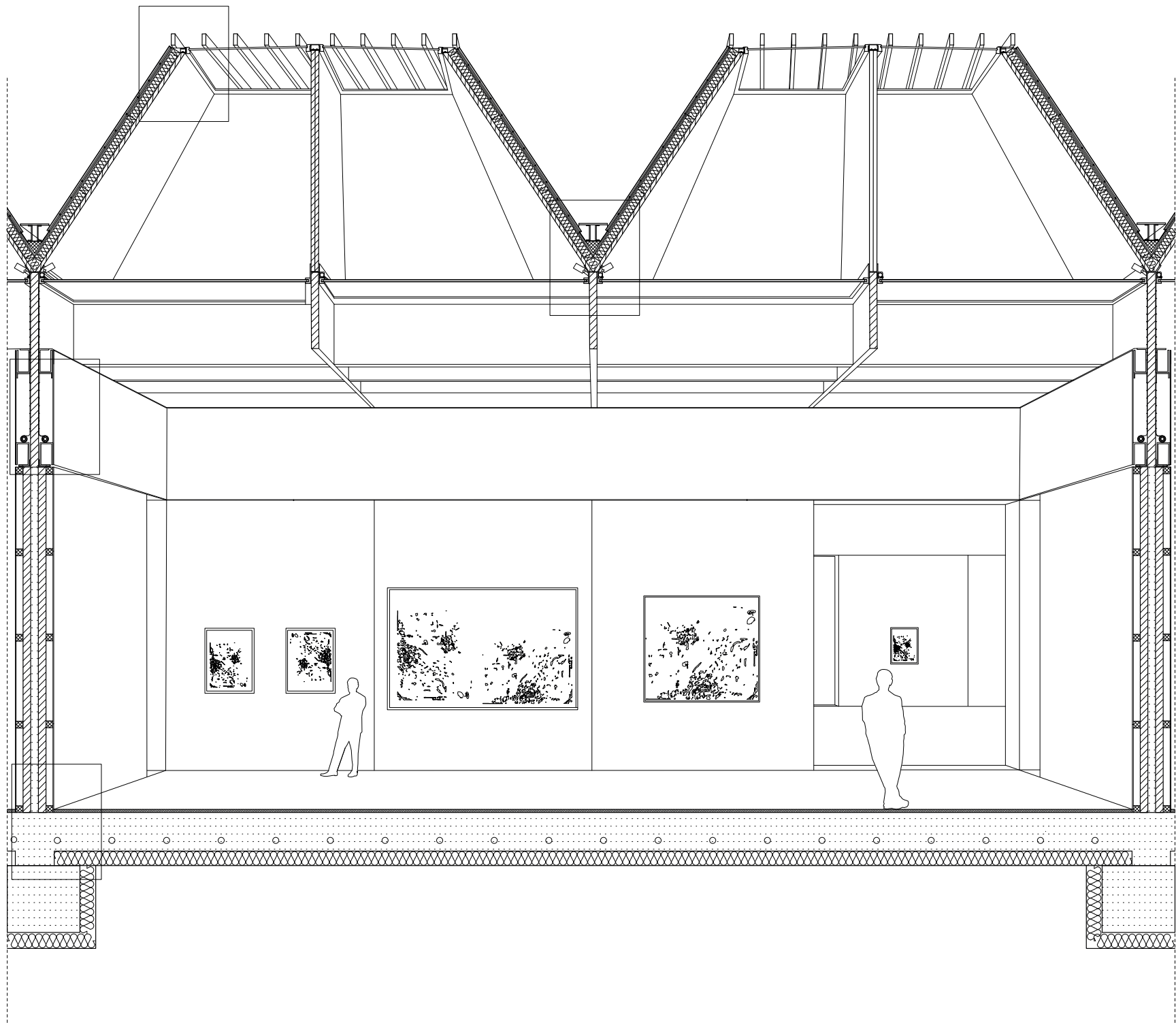
The sculpture gallery 02.05.2017 11:15 18 °C 3,6 m/s



Moments of seeing the sky

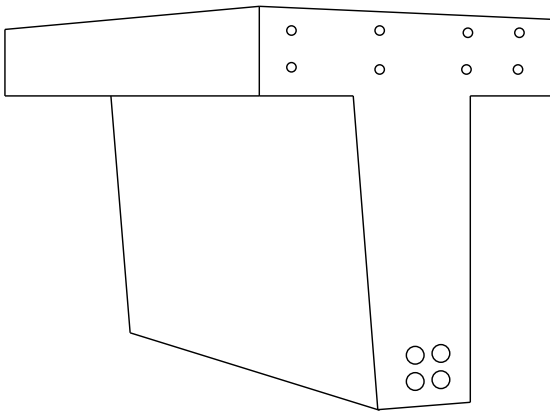


The painting gallery 02.05.2017 11:30 18 °C 3,6 m/s

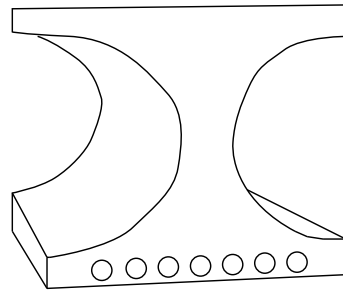




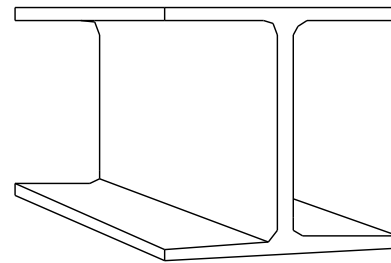
3,6 x 3,6 grid



Steel Reinforced Concrete

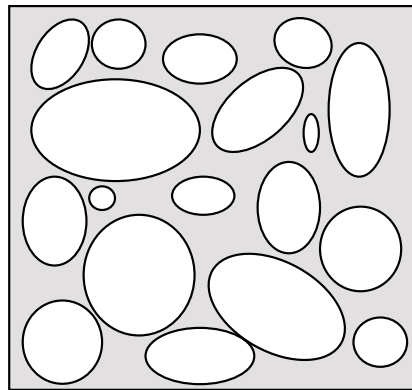


Ultra High Preformance Concrete



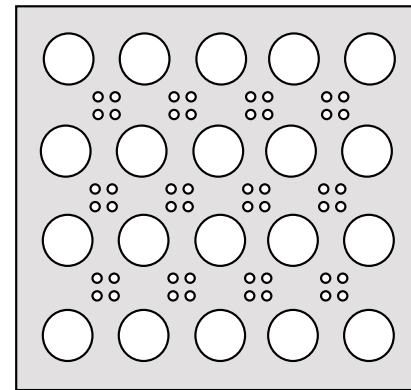
Steel

Steel Reinforced Concrete

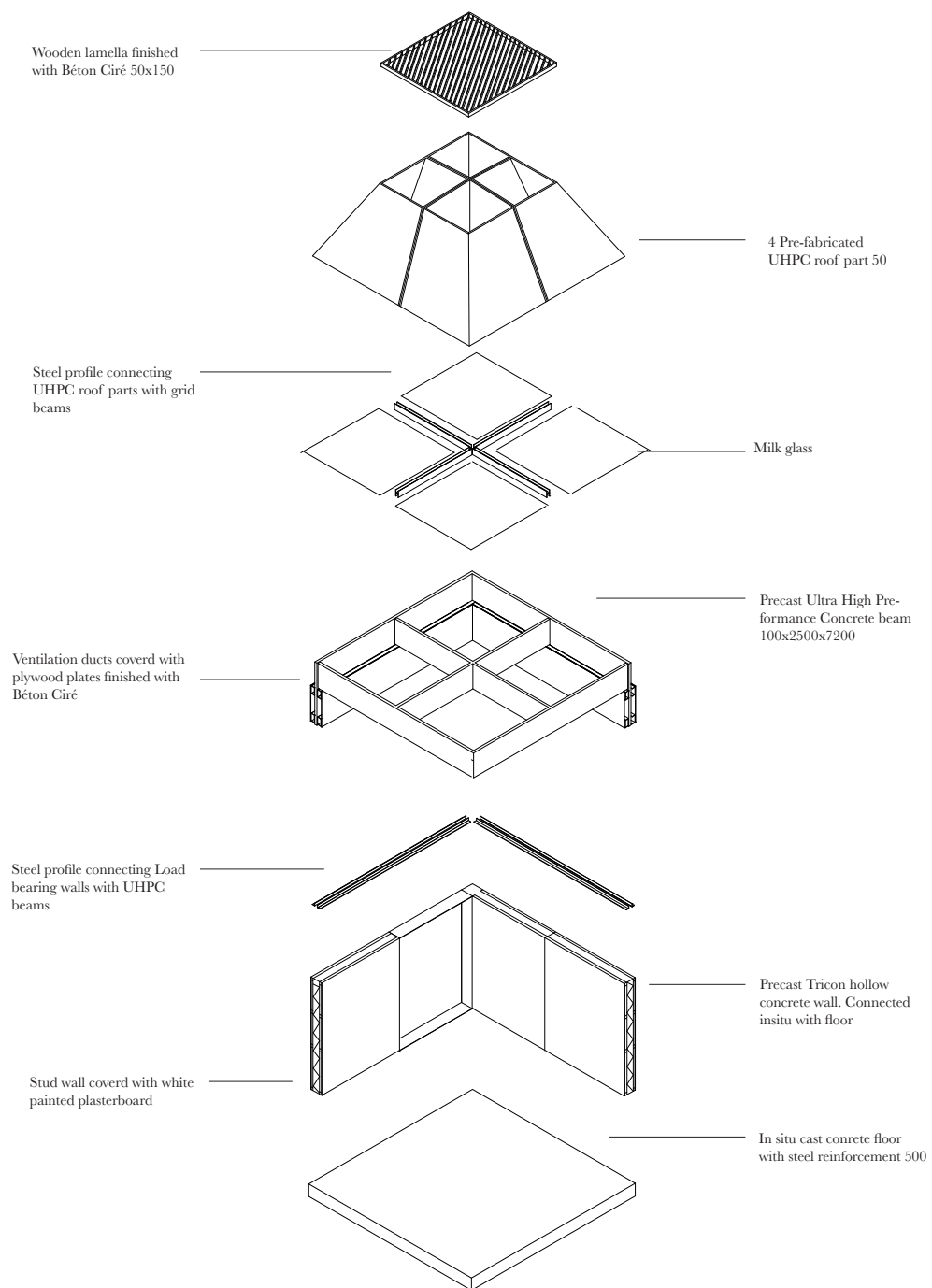


Shear + no place for fibers

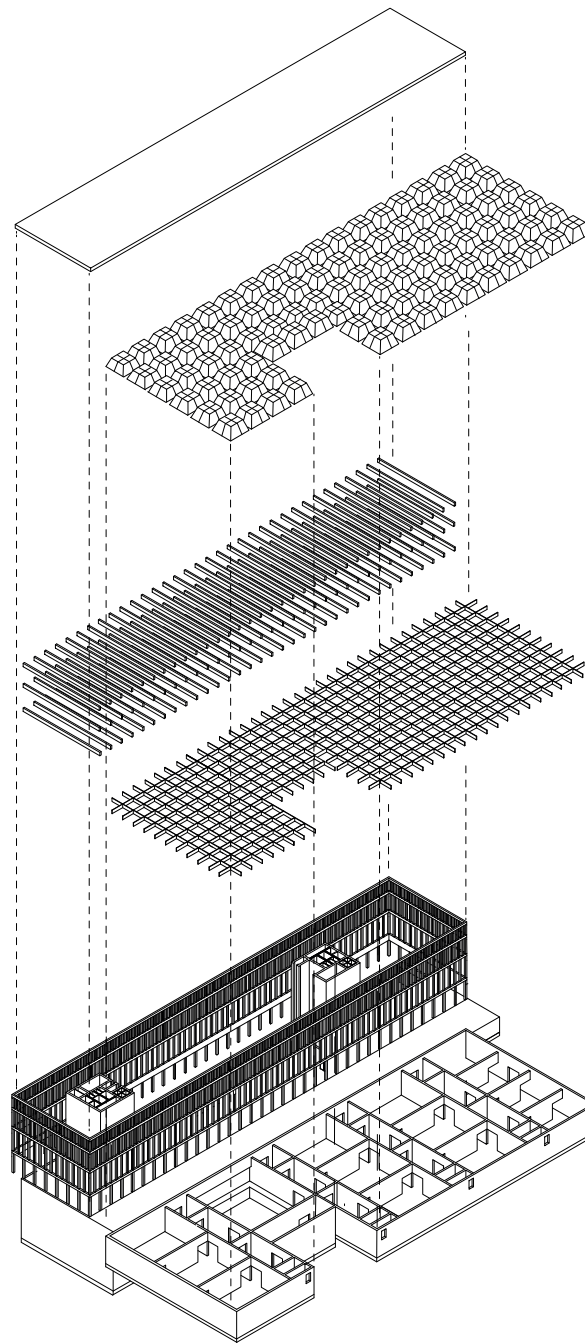
Ultra High Performance Concrete



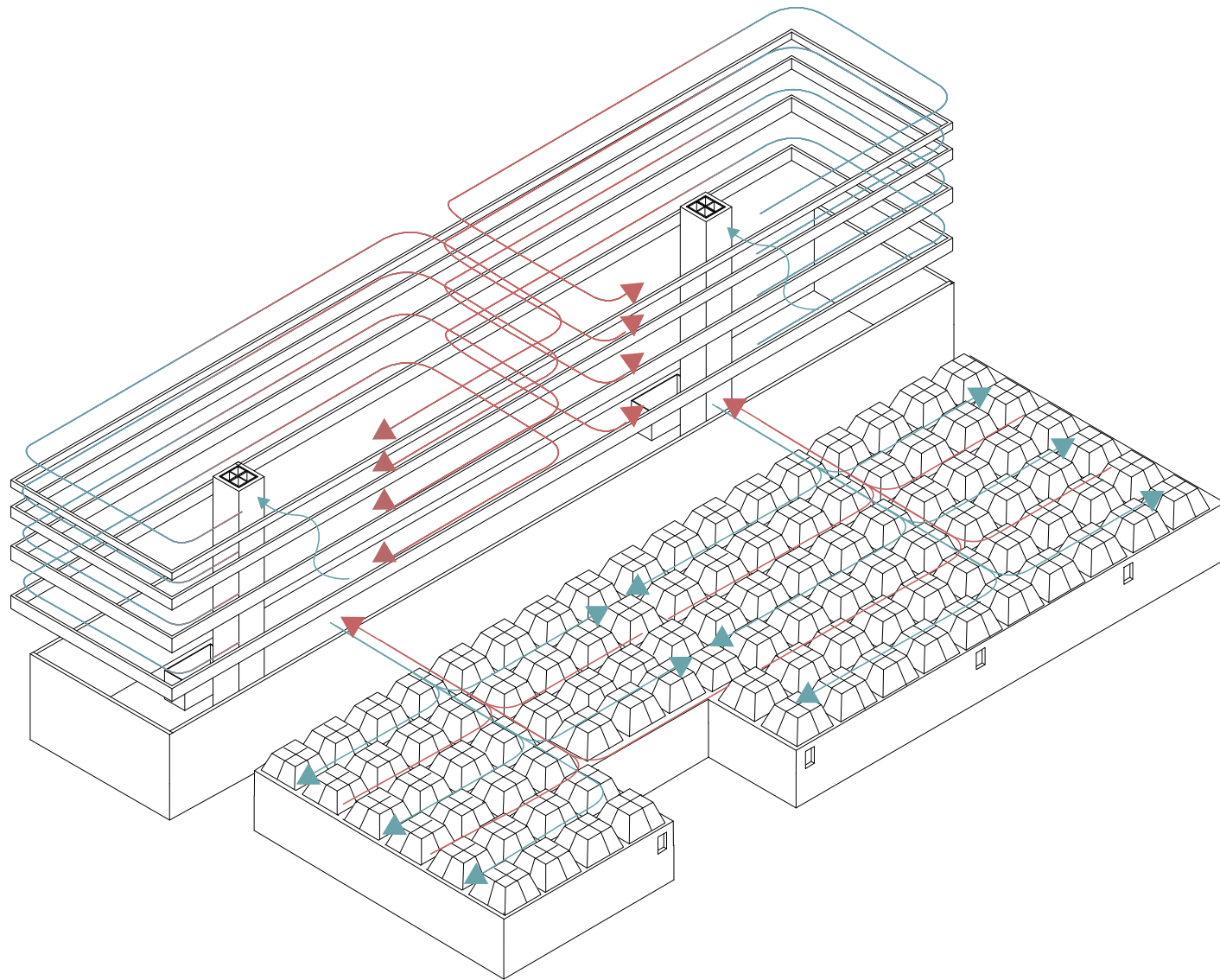
Modified compact grading



Decomposition of the skylight



The load bearing wall vs The collumn grid



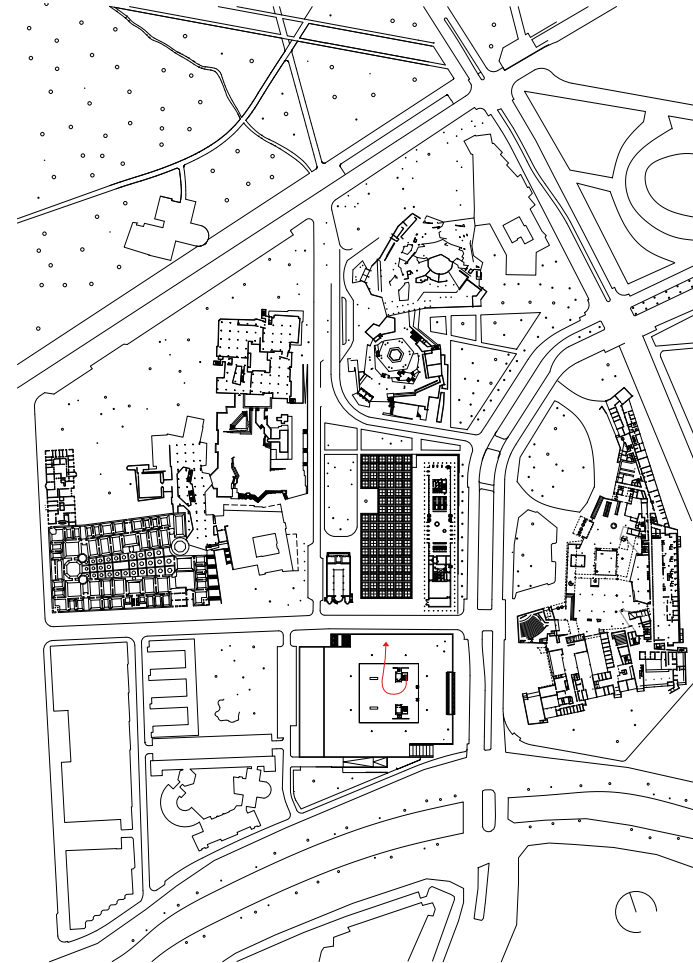
Ventilation



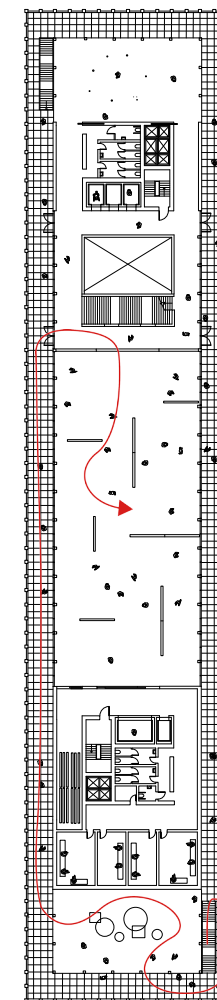
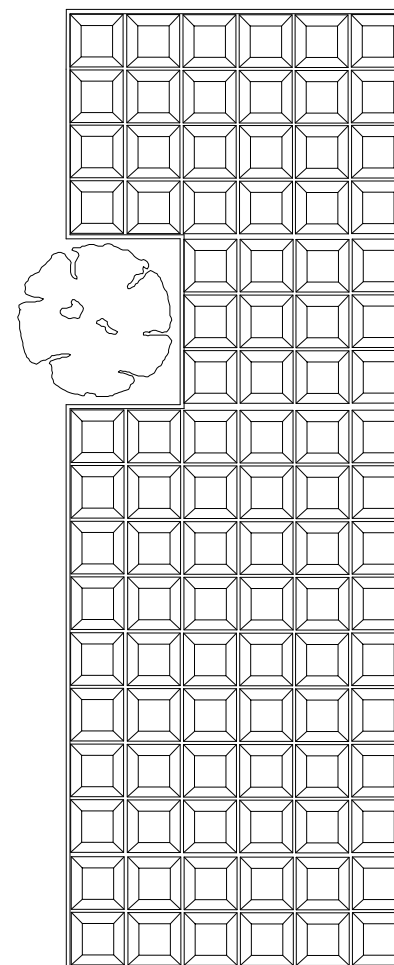
Interior Neue National Gallery 02.05.2017 12:30 18 °C 3,6 m/s



Interior Neue National Gallery 02.05.2017 13:00 18 °C 3,6 m/s



Overlooking the skylights 02.05.2017 14:00 18 °C 3,6 m/s

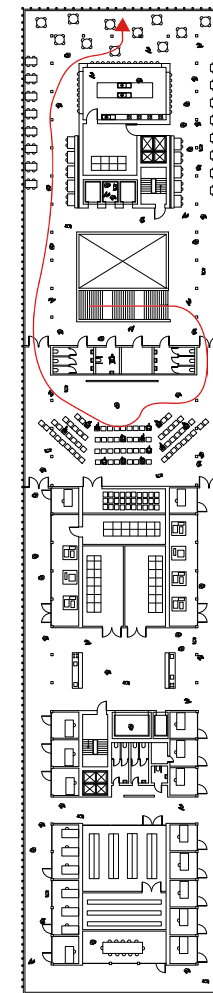
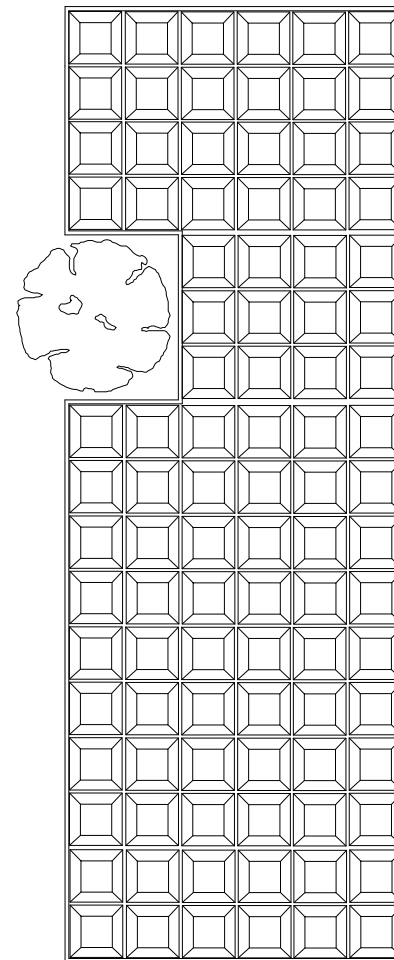


Temporary exhibition 02.05.2017 15:00 17 °C 3,6 m/s





Interior State library



Panorama restaurant 02.05.2017 20:00 14 °C 1,6 m/s



iv. some conclusions

Research question:

Since this is a national museum which aims to contribute to the creation of a strong communal identity, how can its architecture facilitate this proces in the best possible way?



The public stoa as mediator between the interior and the city