

NEW CEMETERY

a museum of memories

Jiacheng Xu Jan/19/2024





STRICT BURIAL REGULATIONS

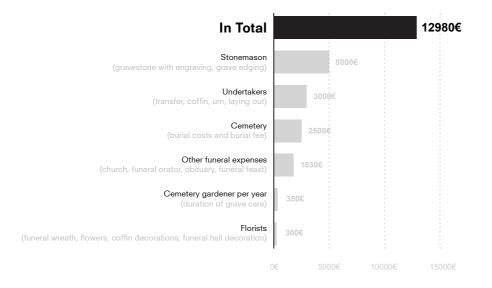


THE GRAVE LEASE

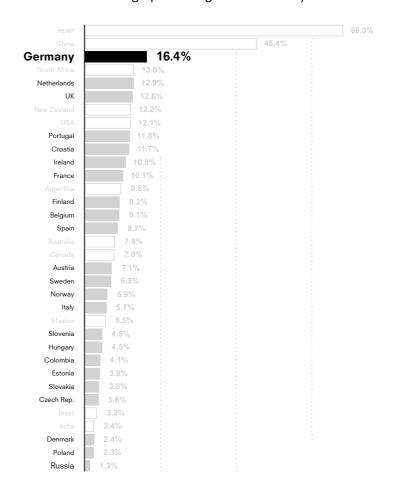


HIGH COST

Average cost of funerals in Germany

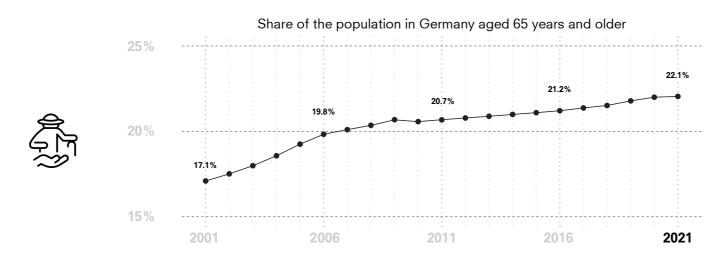


Average percentage cost of salary

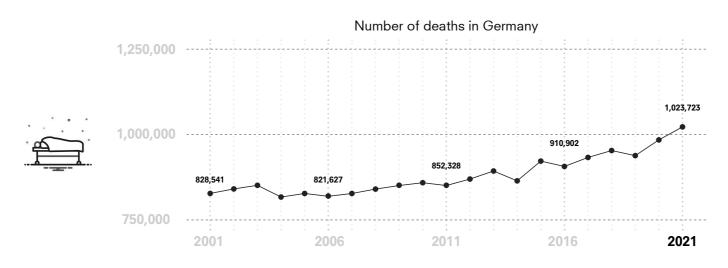


" Highest among European countries "

GROWING DEMAND



.....



Strict Regulations

Grave Lease

High Cost

Growing Demand

Strict Regulations

Grave Lease CONFLICTS Growing Demand

High Cost

CEMETERIES ARE SHRINKING



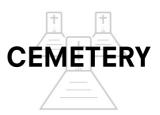
"Friedhofsentwicklungsplan(FEP)"

Cemetery Development Planning

" 290 hectares will be allocated for other uses. "

" Berlin has more cemetery space than is currently and will be needed in the future."









IRRELEVANT







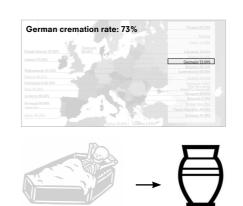


BB Berlin Studio

NEW POSSIBILITIES



"Garden Cemetery" as urban public space



Significant reduction in average land footprint

0.5m²

12m²



New Cemetery as urban public space

A CEMETERY



for the dead

A CEMETERY



for the dead



for the living

A CEMETERY



for the dead



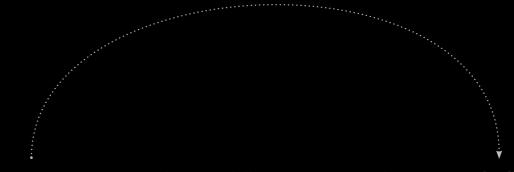
for the living



for the city



Is it possible for a cemetery as an urban public space to exist as one building, by adopting the model of museum operations?



Is it possible for a cemetery as an urban public space to exist as one building, by adopting the model of museum operations?



a new identity

Introduction

Research

Design Brief

Concept

Inplementation

Development

Conclusion

MUSEUM

CEMETERY

RESEARCH MUSEUM'S EVOLVING

•



collection priority

RESEARCH MUSEUM'S EVOLVING



collection priority



more exhibition formats

RESEARCH MUSEUM'S EVOLVING



collection priority



more exhibition formats



immersive experience

focusing more and more on experiencing

RESEARCH CEMETERY'S EVOLVING



coffin burial

RESEARCH CEMETERY'S EVOLVING







urn burial

RESEARCH CEMETERY'S EVOLVING







urn burial

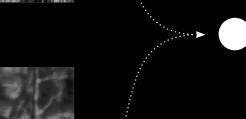


green burial

getting out of the physical representations





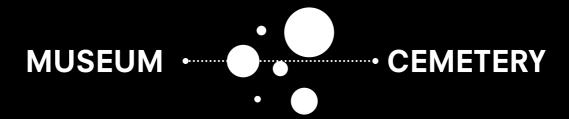


" Dematerialized "

About Experience

Cemetery







or





NEITHER





RESEARCH











object scenes vision hearing smelling





space spatial sequence

RESEARCH











remains

farewell

cremation

ash

grave







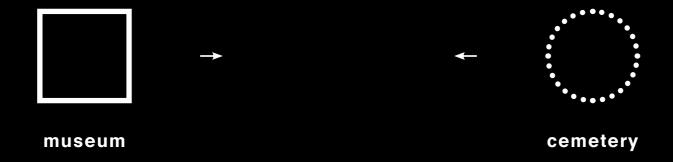


obituary

flower

funeral meal

condolence



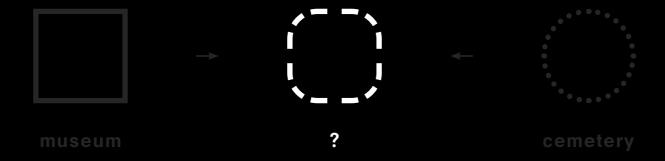
" Mourning Becomes Public "

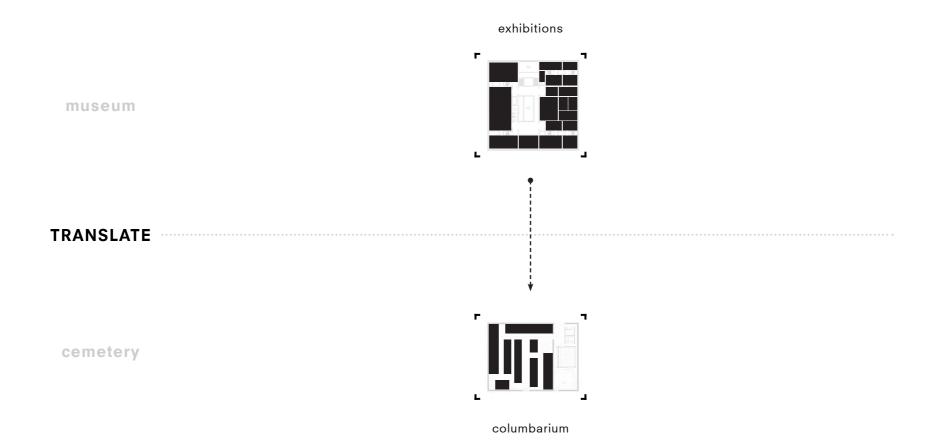
TRAUERN WIRD ÖFFENTLICH

Wird der verstrothene Großvorder künftigt als Hologramm mit der Familie Wehlmachten feiner Verstrothene Großvorder künftigt als Hologramm mit der Gamilie Wehlmachten feiner Verstrothene Großvorder künftigt als Hologramm mit der Gamilie Wehlmachten feiner vor Verstellten werd eine Familie Wehlmachten feiner vor Verstellten werd eine Familie Wehlmachten feiner vor Großstellten vor an der Kannen der Gamilie Wehlmachten feiner vor Großstellten vor vor Gr

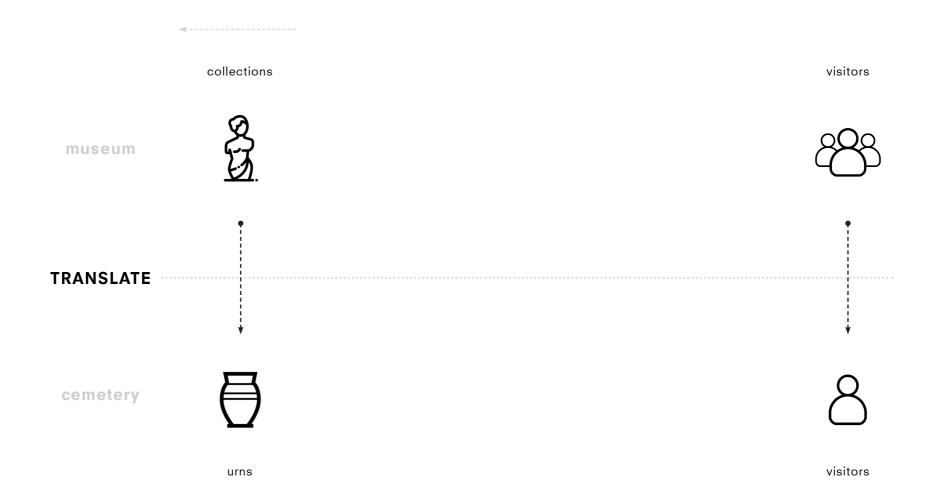
The new way of mourning is colourful, emotional and free.

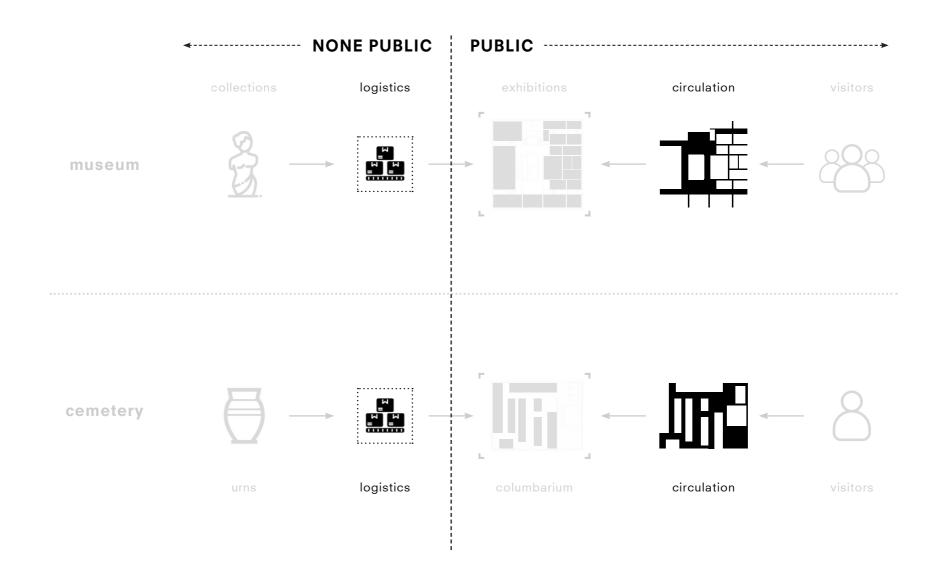
- Birgit Janetzky

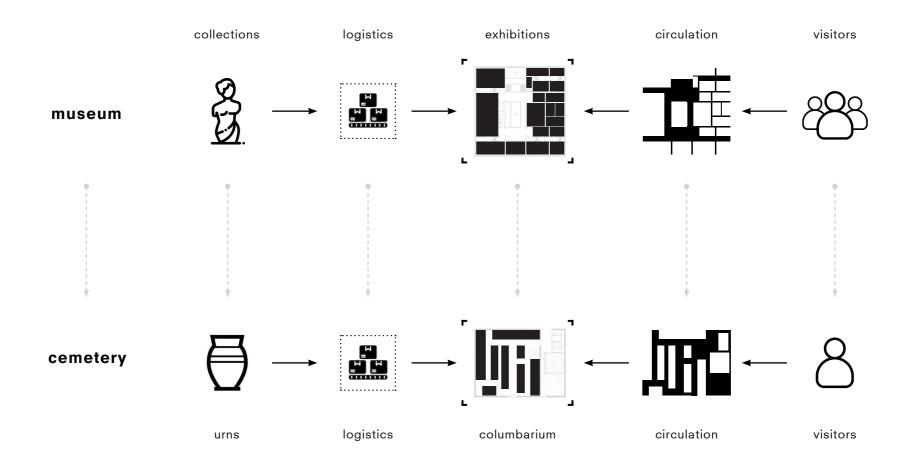


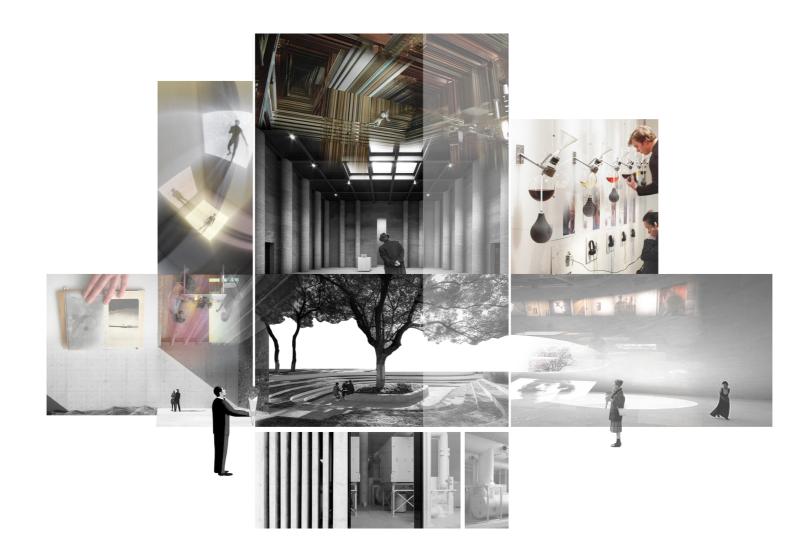


RESEARCH









Introduction

Research

----- Design Brief

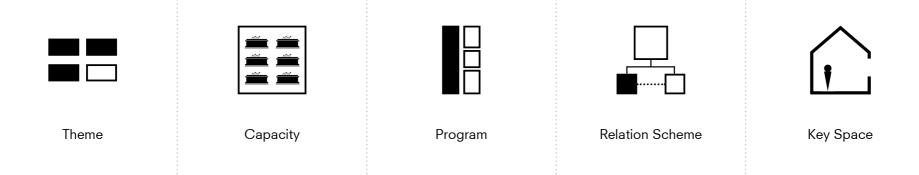
Concept

Inplementation

Development

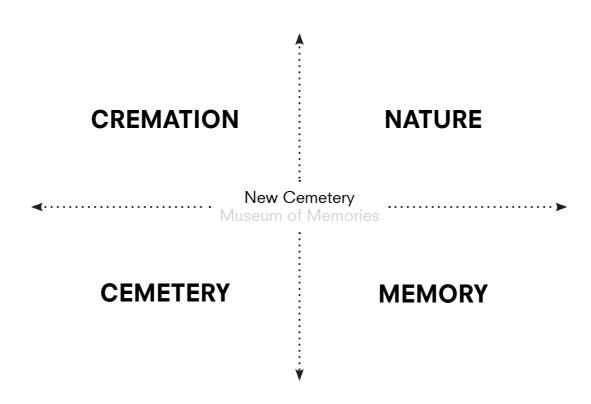
Conclusion

DESIGN BRIEF PROGRAM





Theme





Capacity

NATURE

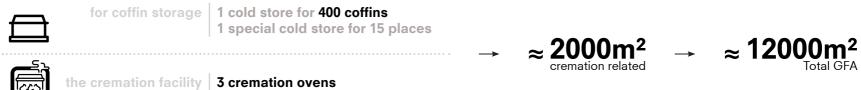
CREMATION

CEMETERY

MEMORY

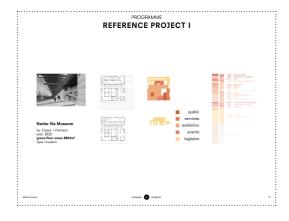
CREMATION PROCESS

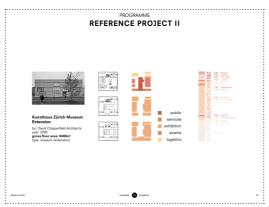


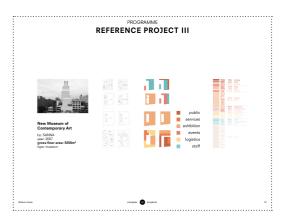




Program

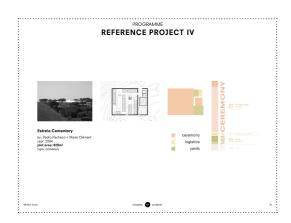


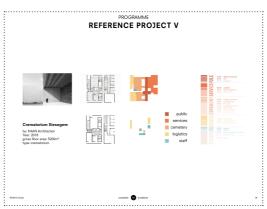


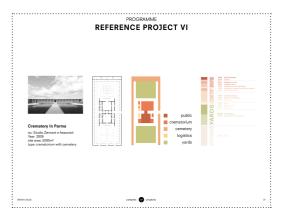


Museum

Cemetery



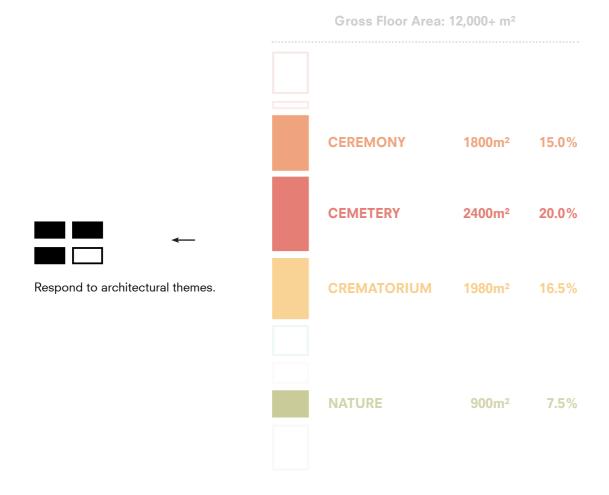




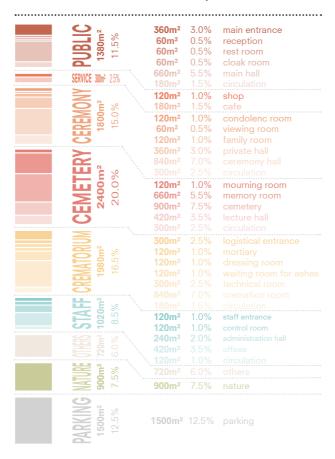


Gross Floor Area: 12,000+ m²

PUBLIC	1380m²	11.5%
SERVICE	300m ²	2.5%
CEREMONY	1800m²	15.0%
CEMETERY	2400m²	20.0%
CREMATORIUM	1980m²	16.5%
STAFF	1020m²	8.5%
OTHERS	720m²	6.0%
NATURE	900m²	7.5%
PARKING	1500m²	12.5%

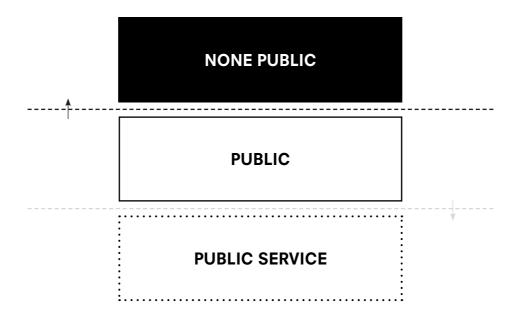


Gross Floor Area: 12,000+ m²





Relation Scheme

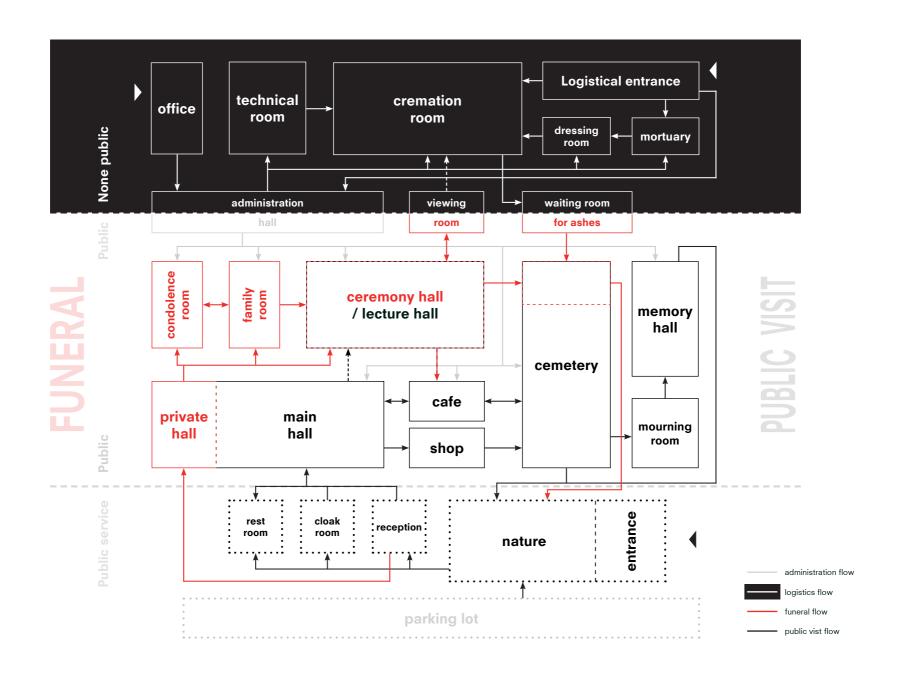














Key Space

Cremation Room



Cemetery





The Memory Hall

Private Hall & Main Hall









Entrance





PROGRAM



Theme

Cremation, Nature, Cemetery, Memory



Capacity

A cretorium with 3 ovens



Program

GFA: 12,000m²



Relation Scheme

Funeral Flow & Public Flow



Key Space

The Main Hall



CLIENT



Cooperation By Government



Funeral Services
By Funeral Company



Operations & Management By Museum Organization

A Funeral Company



Bestattungskultur gestalten

×

Educational Institution

+

Government Organization

+

Museum Organization

+

Community













Germany's largest museum brand



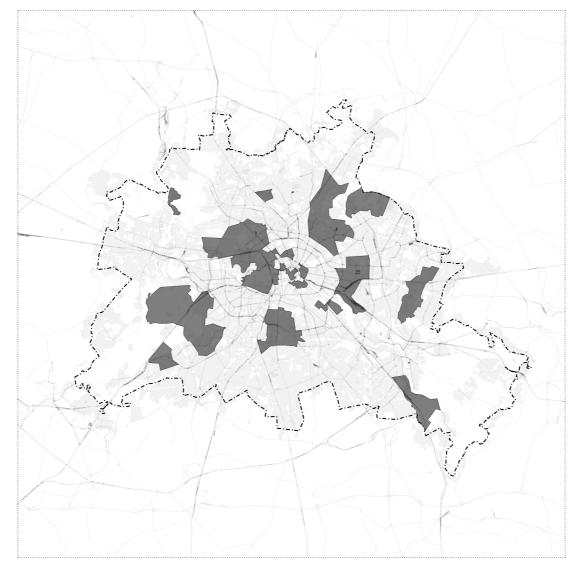
Senate Department for Mobility, Transport, Climate Protection and the Environment



Berlin Social Science Cente

SITE

Sustainable Development



Financial

maximize impact

Build in an area where the residential land value has increased more than the average growth of 304%.

Social

maximize work

Build in an area where the job density is lower than 25.000 jobs per km².

Functional

minimize gentrification

Build in a borough which has a lower density of inhabitants, which means less housing. general requirement



Architectural Identity

of the building

To fit in cultural clusters

for building identities



The New Character

of the building

cemetery as a building /
To build in **high density area**



The Publicity

of the building

as a public building / To build in a **highly inclusive and welcoming** neighborhood



The Accessibility

of the building

high accessibility /
To build next to **public transport**

other requirement



Site Status

of the building

To build on an **open ground**



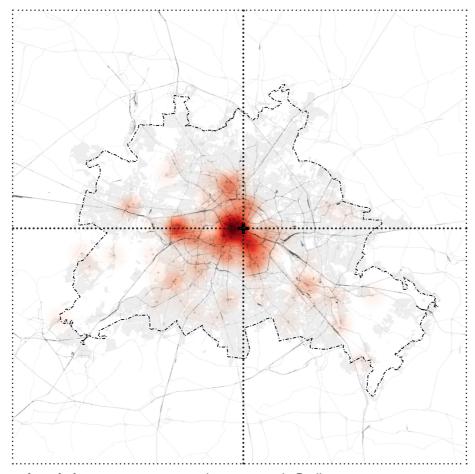
Site Atmosphere

of the building

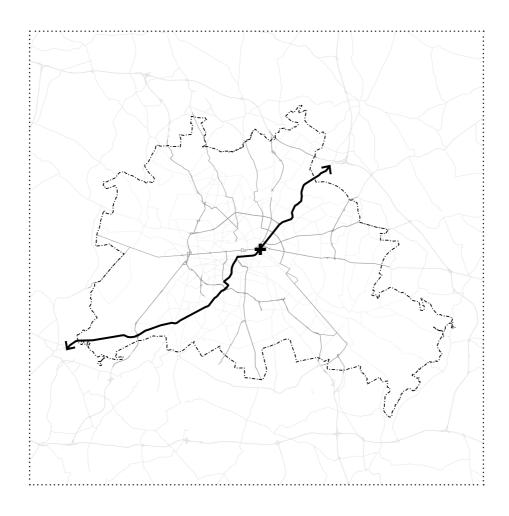
To build at a serene spot

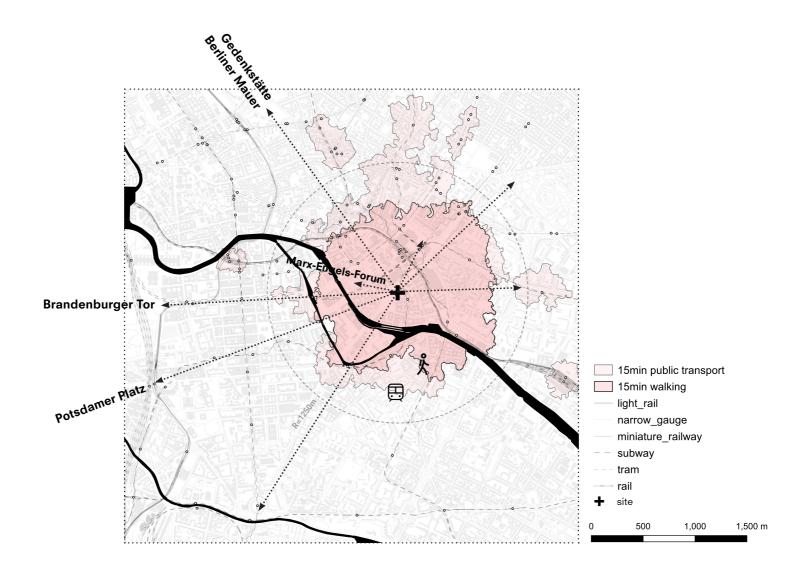


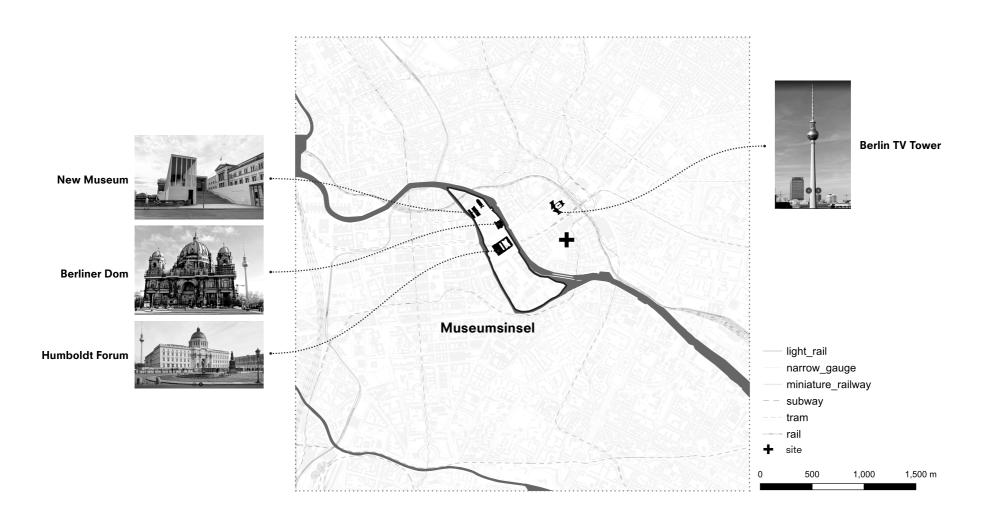




culrural clusters: museums and art centers in Berlin

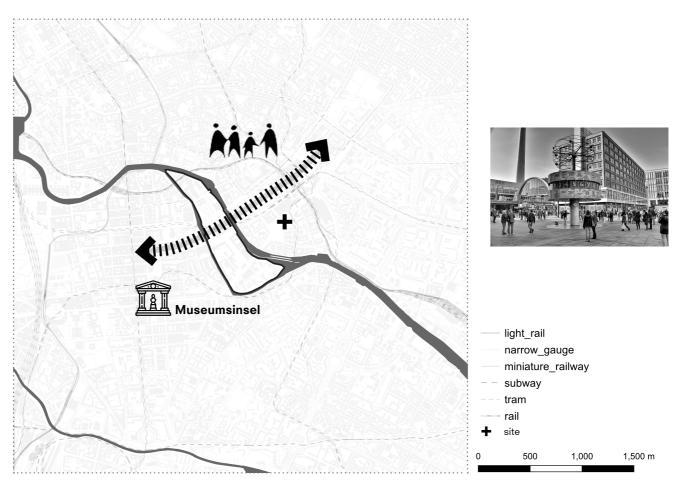


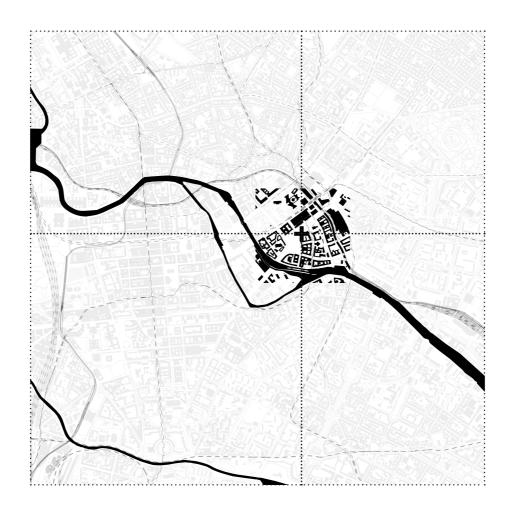




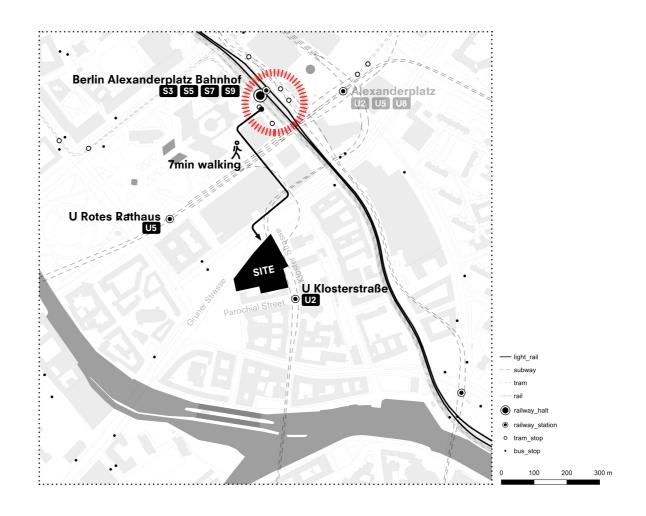


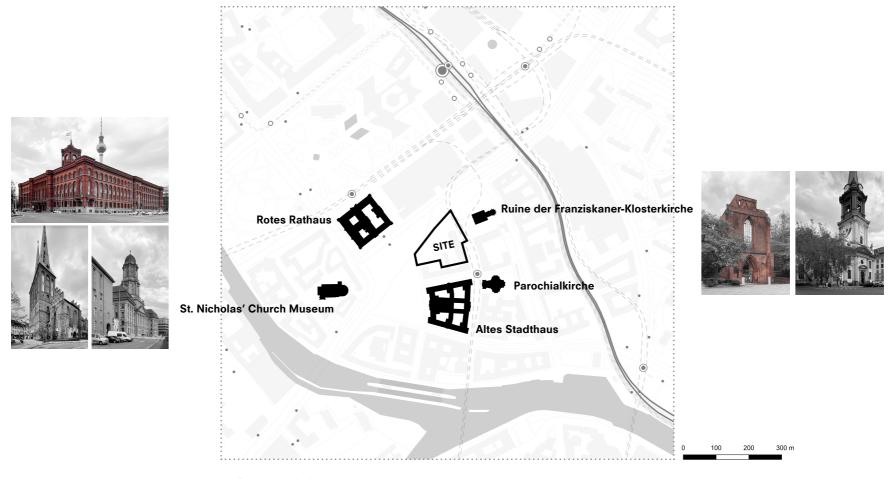
Both locals and tourists







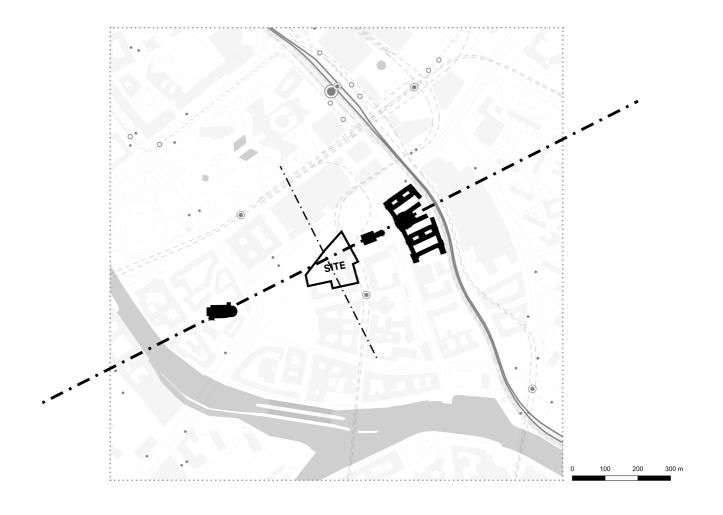


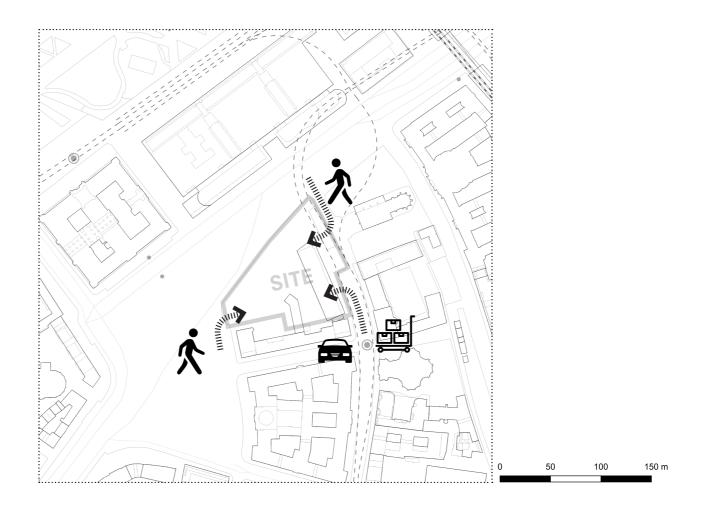


Out off original functions

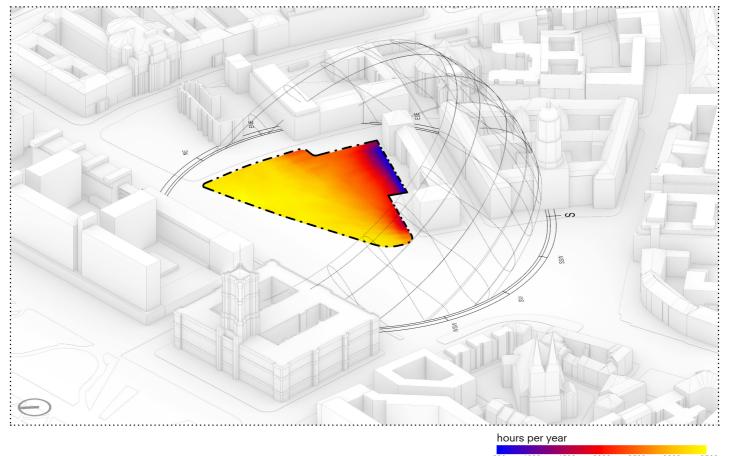
Potential collection of buildings

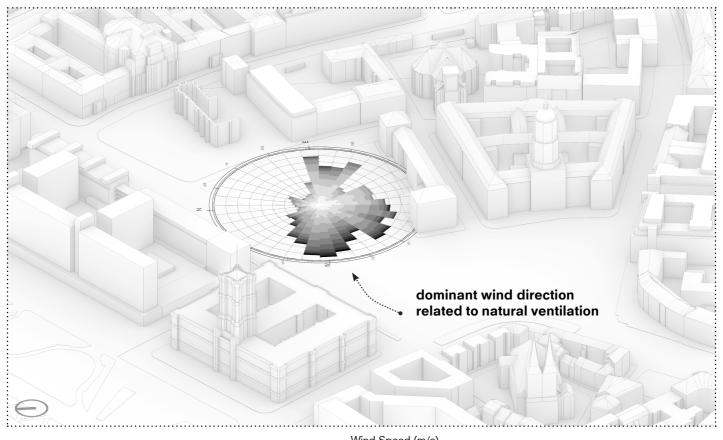
Potential collection of **buildings with new identities**





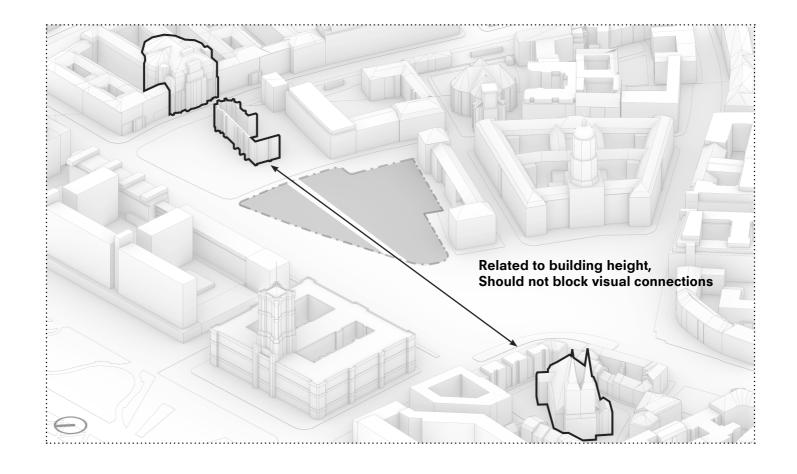






Wind Speed (m/s)

<0.5</p>
1.5
2.5
3.5
4.5
5.5
6.5
7.5
8.5
9.5
10.5
11.5
12.5
13.5
>14.5



Introduction

Research

Design Brief

---- Concept

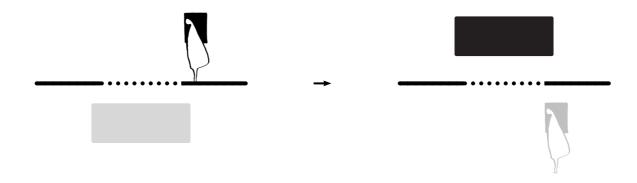
Inplementation

Development

Conclusion



A story about remembering and being remembered. **A place about experiencing.**



Reverse the relationship between the living and the dead.



fixed

exhibition cemetery exhibition cemetery

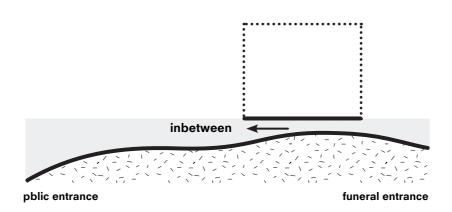
Public service Funeral Crematorium

To push the idea even more pure, only the exhibition(cemetery) space will be in a floating cube.

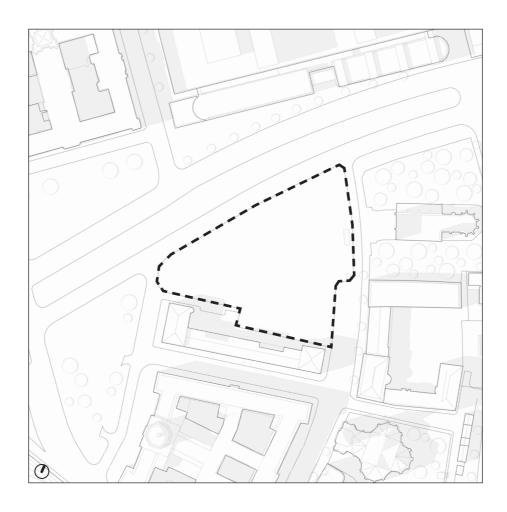
exhibition cemetery exhibition cemetery

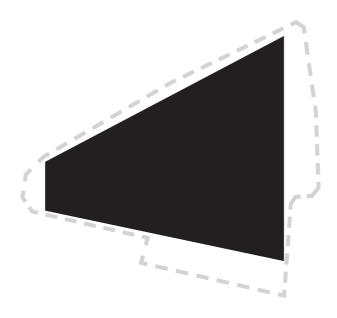
Given back to the city: Public service Funeral Crematorium

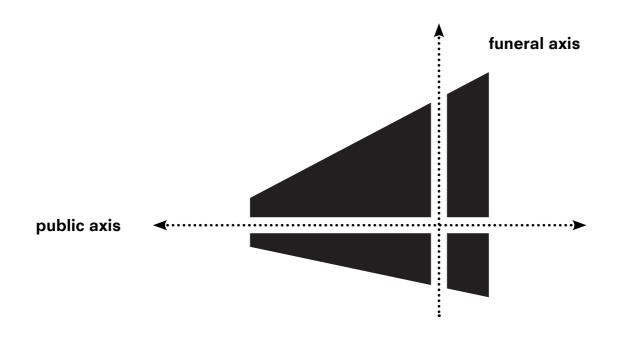
The building should belong to the city and the people living there.

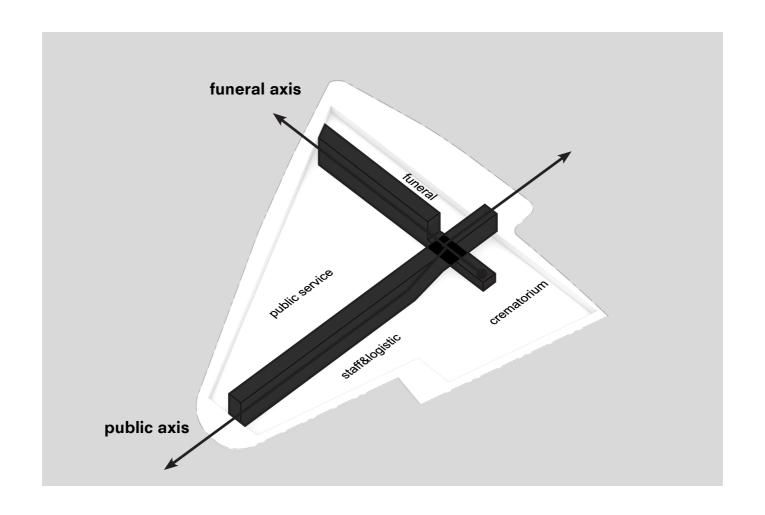


- 1. Different entrances are placed below ground.
- 2. To serves as an exit, an open roof lawn towards the city completes the whole experience.









public service staff logistic 를









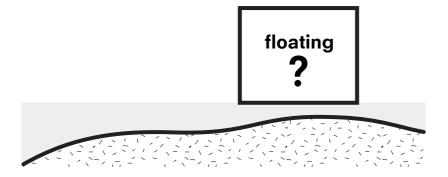
NONE PUBLIC

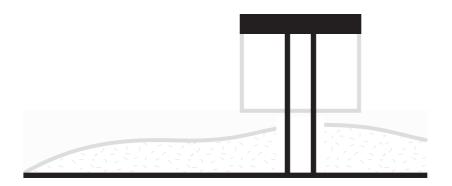


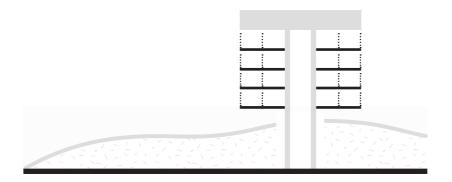


public visit

funeral







Introduction

Research

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Concept

----Inplementation -----

Development

Conclusion

Meditation
Structure
Exhibition
Exhibition
Exhibition
Exhibition

Service

Experience Office

GROUP SITE PLAN

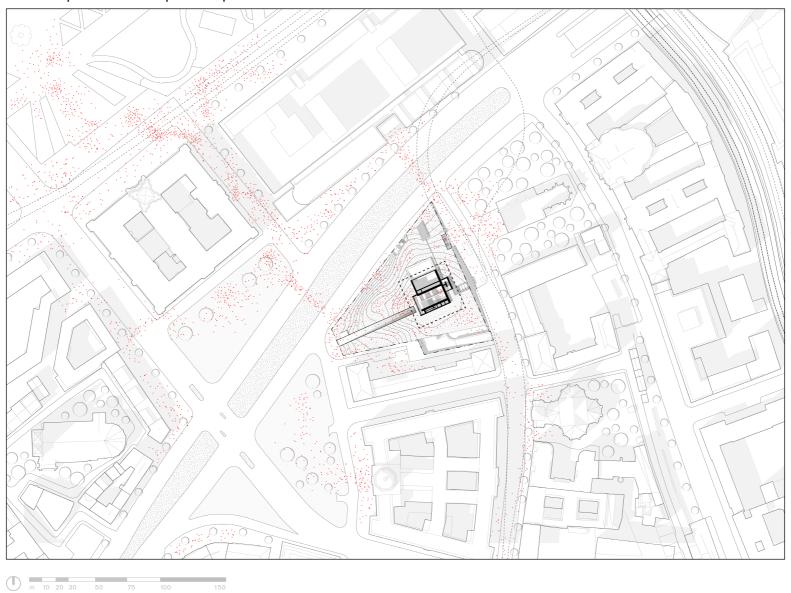


SITE PLAN



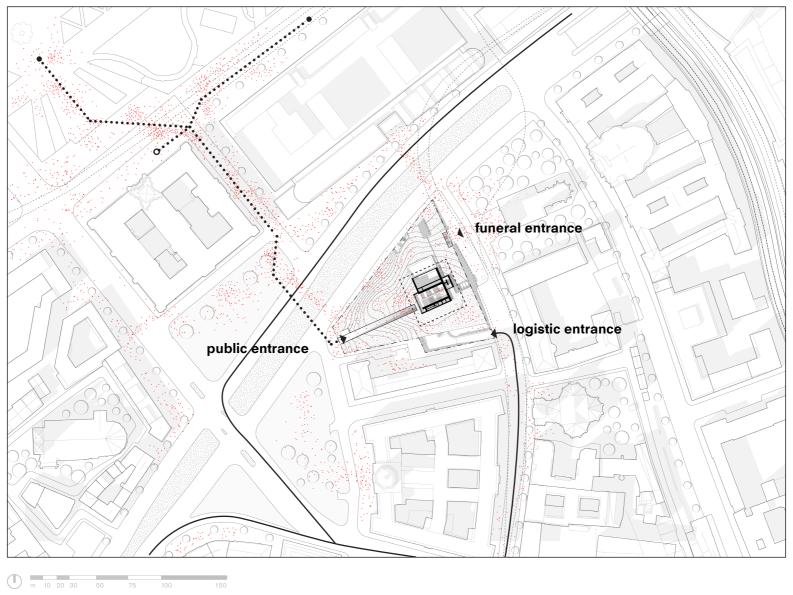
URBAN INPLEMENTATION

lown slopes as urban public spaces



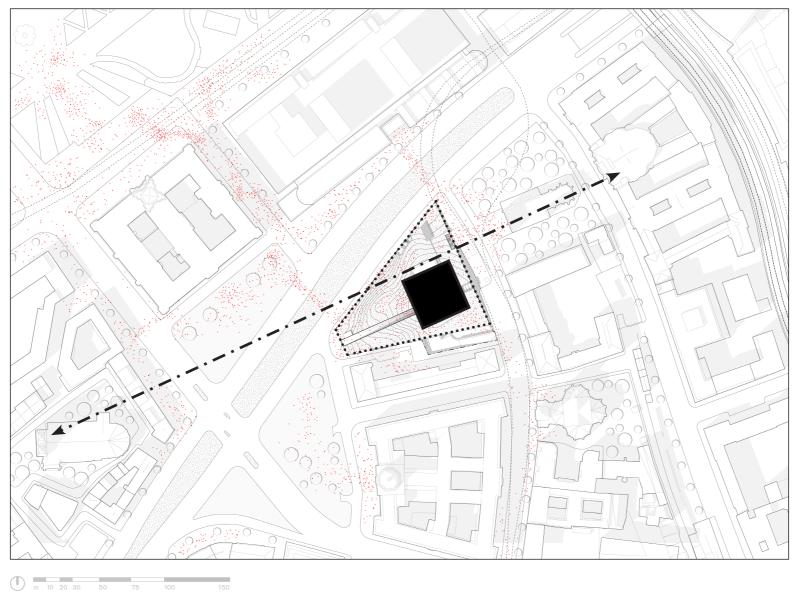
URBAN INPLEMENTATION

lown slopes as urban public spaces



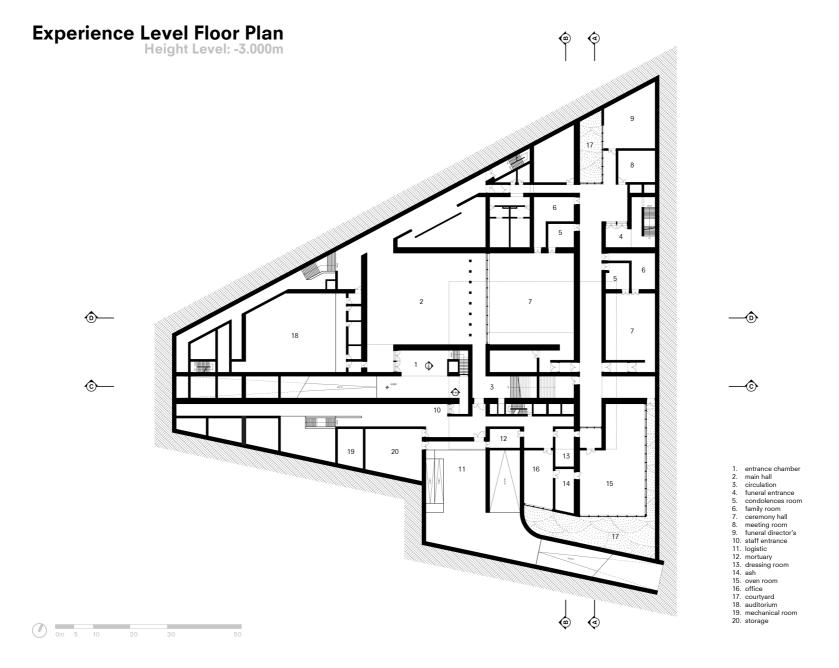
URBAN INPLEMENTATION

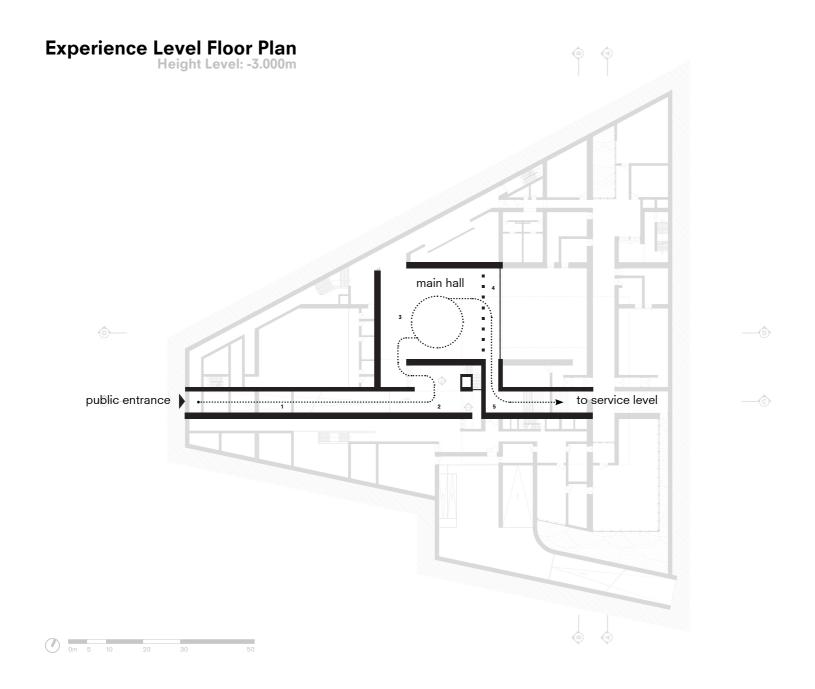
car free area

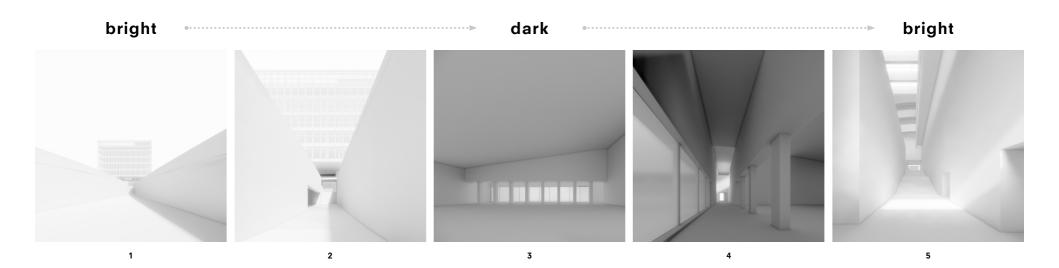




FLOOR PLAN













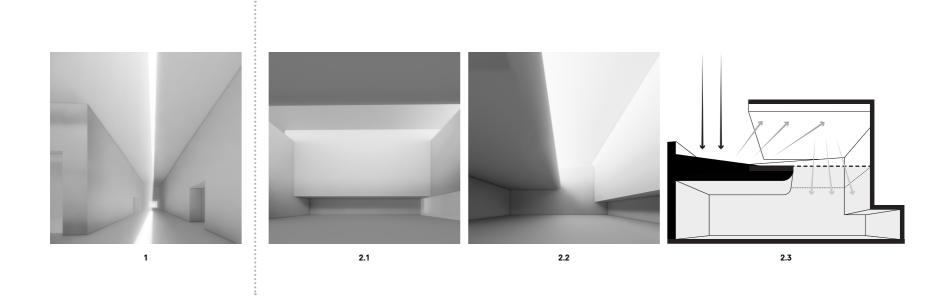




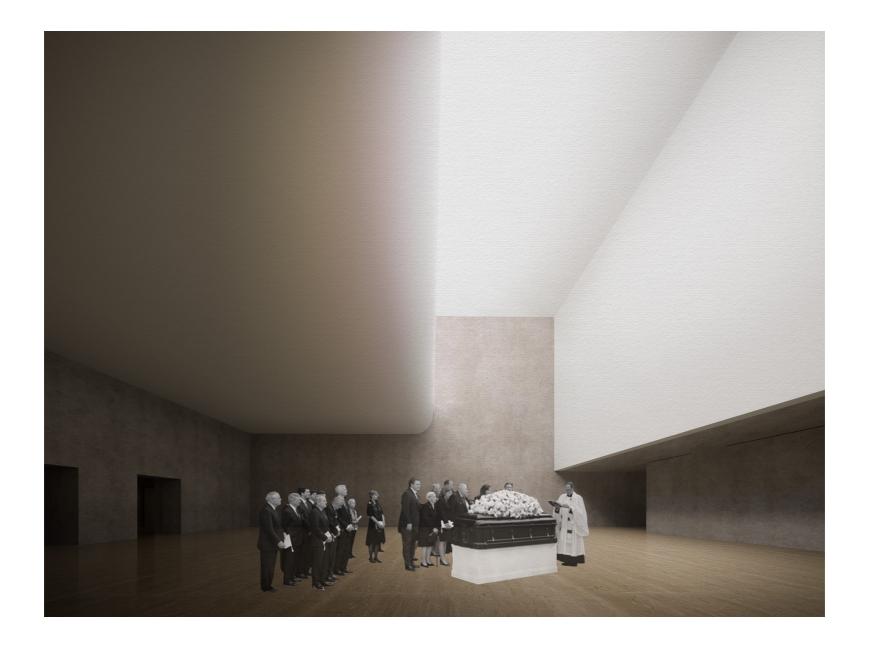
frosted glass



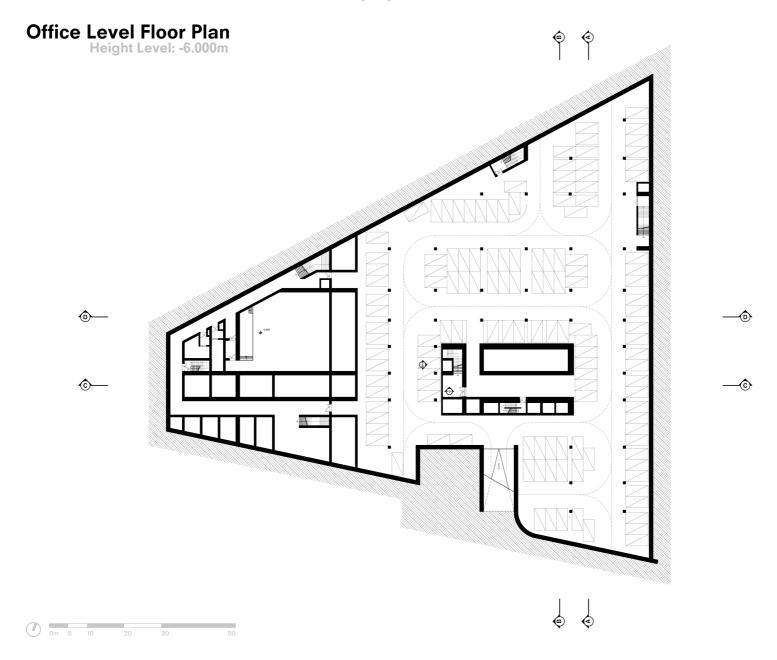




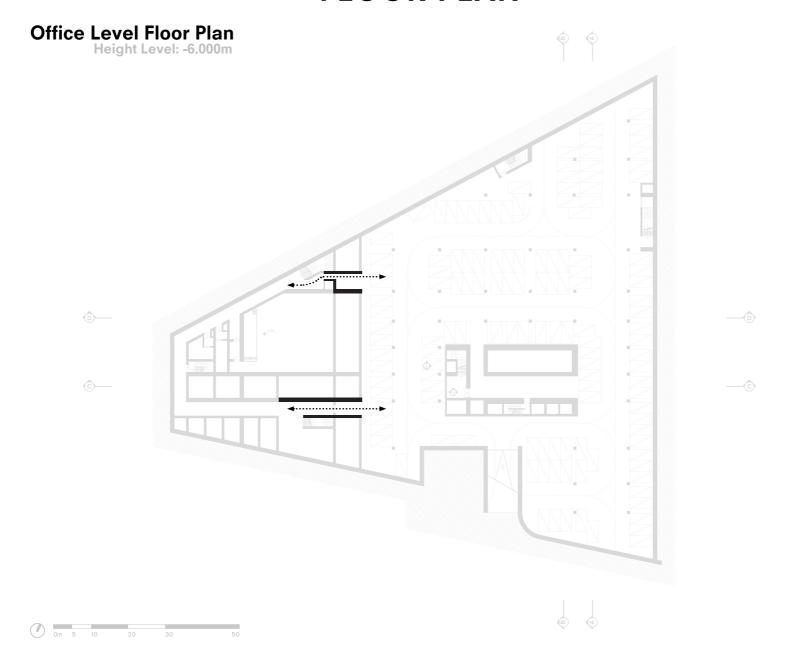




FLOOR PLAN



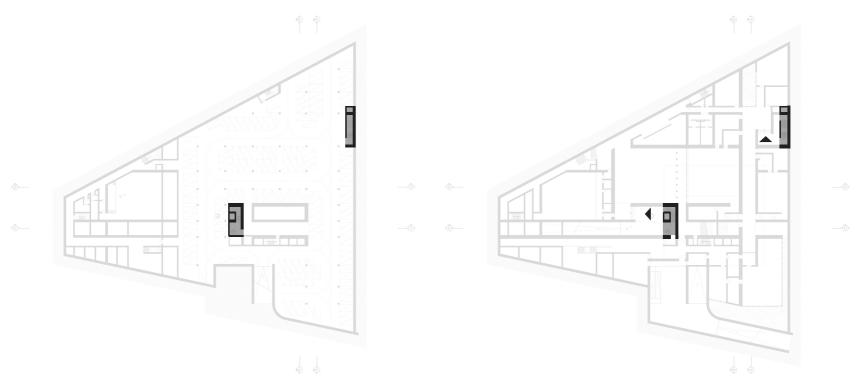
FLOOR PLAN



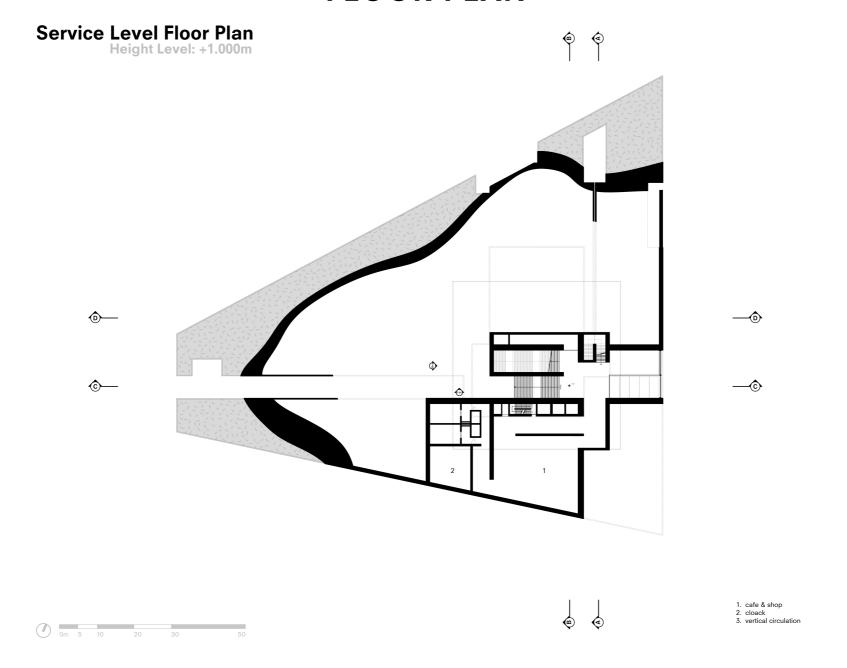
FLOOR PLAN

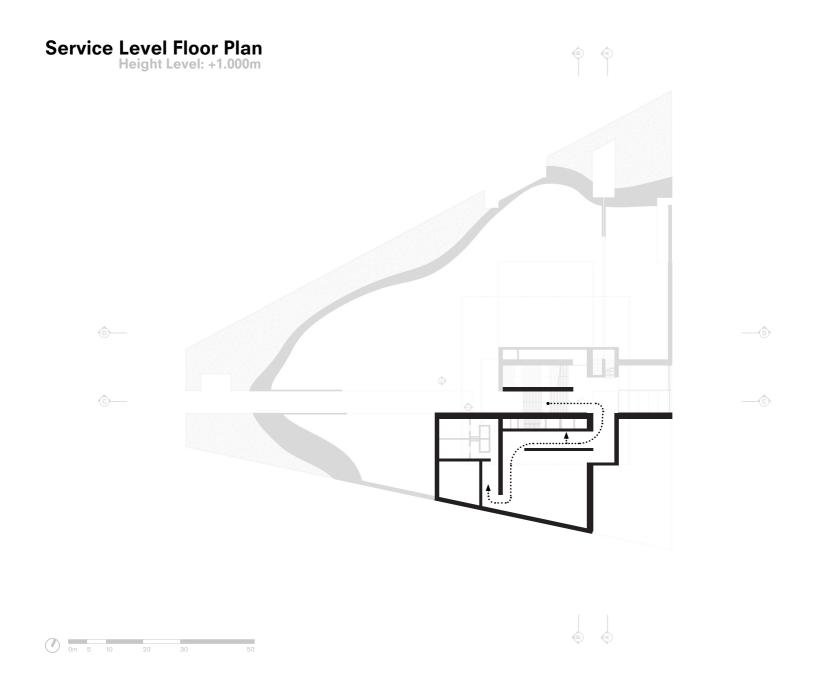
Office Level Floor Plan Height Level: -6.000m

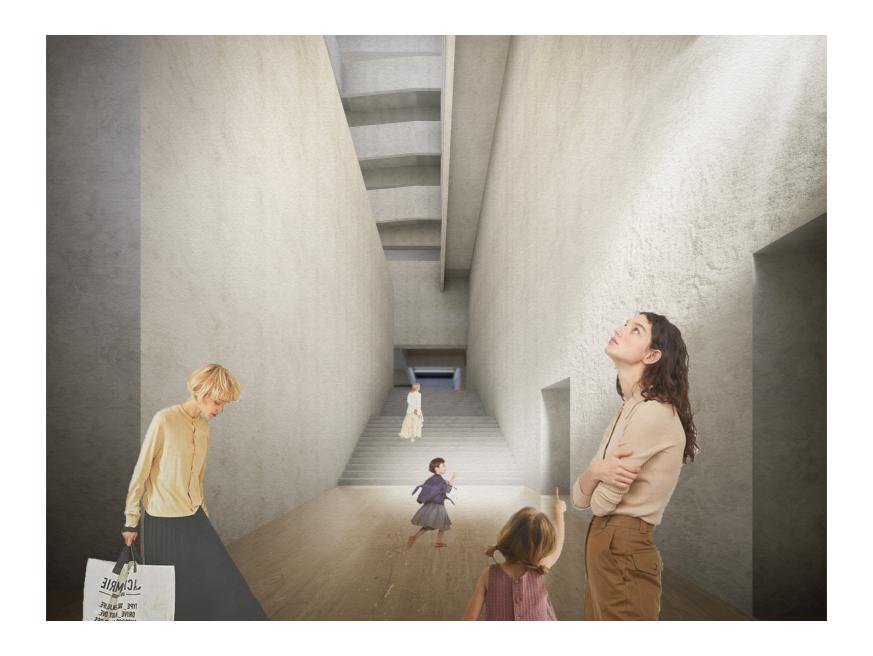
Experience Level Floor PlanHeight Level: -3.000m

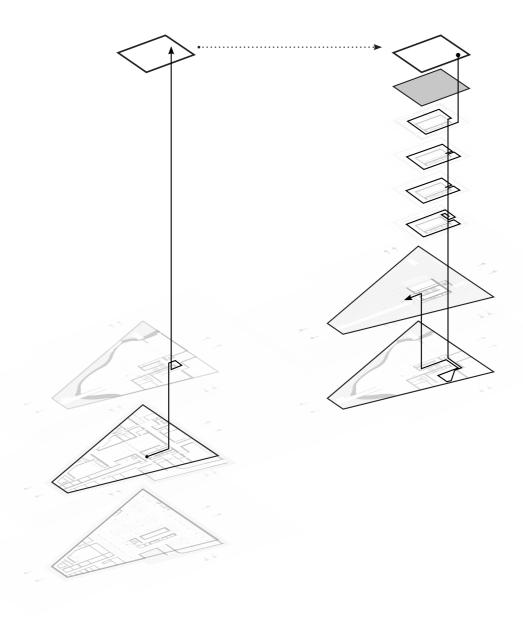


FLOOR PLAN



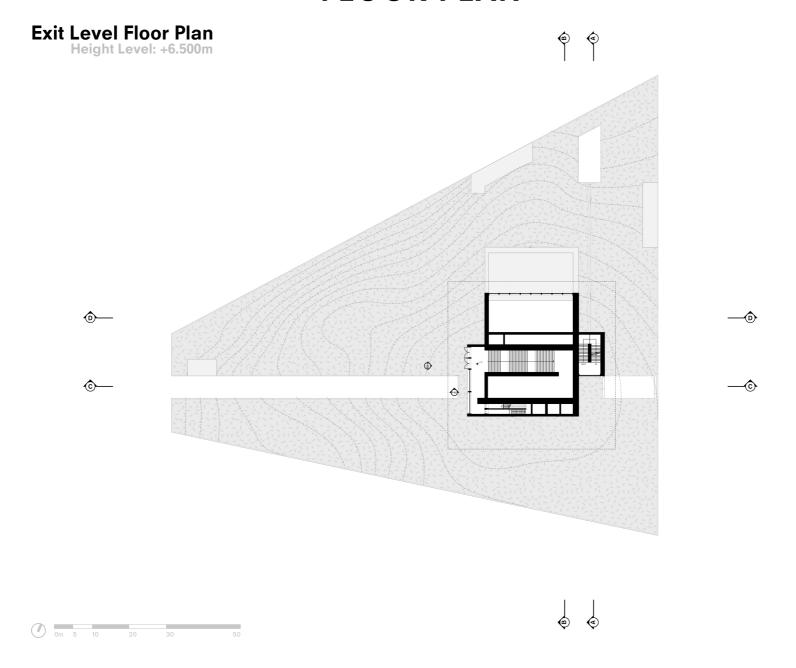








FLOOR PLAN



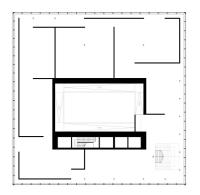
FLOOR PLAN

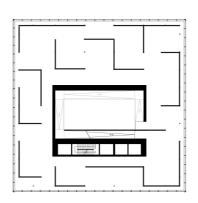
Exhibition Floor Plan Height Level: +23.500m

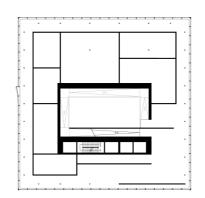
Height Level: +19.000m

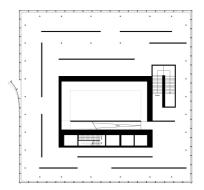
Height Level: +14.500m

Height Level: +10.000m









FLOOR PLAN





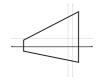


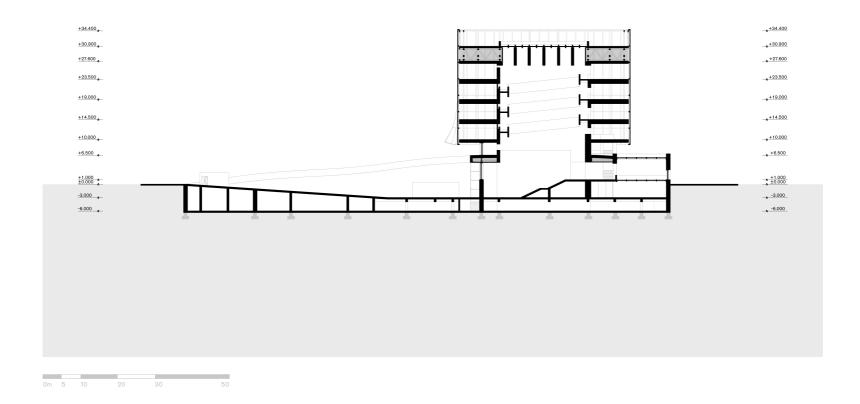


SECTION

Public Axis Section

Section A-A

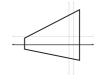


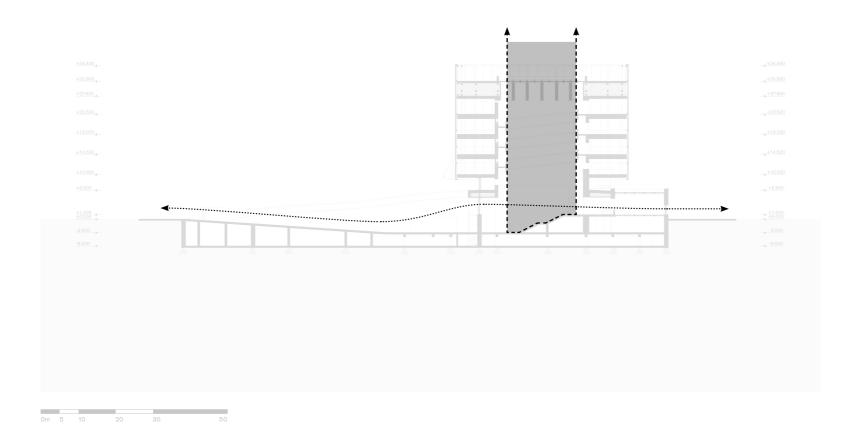


SECTION

Public Axis Section

Section A-A

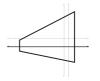


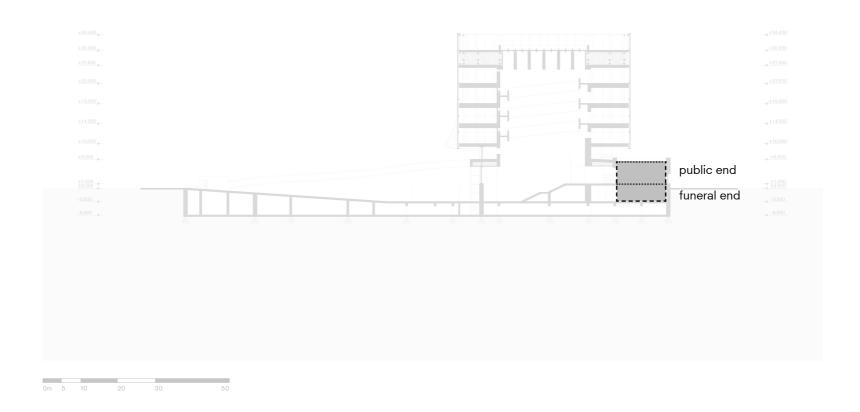


SECTION

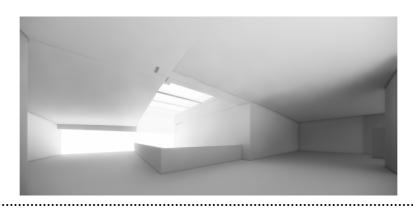
Public Axis Section

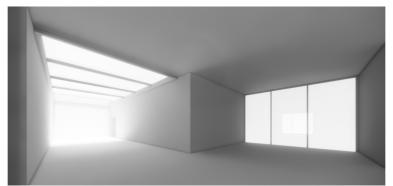
Section A-A





SECTION



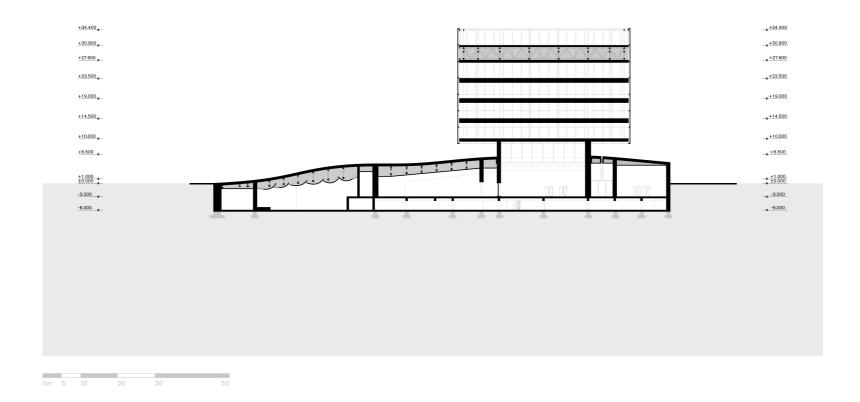


SECTION

Public Axis Section

Section B-B

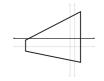


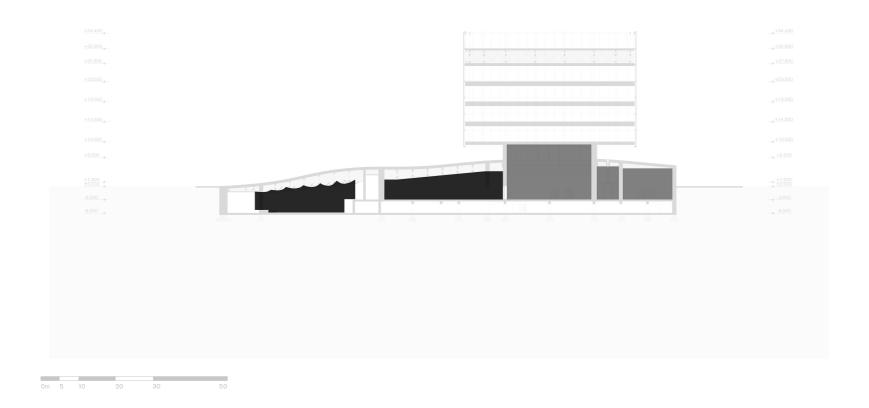


SECTION

Public Axis Section

Section B-B



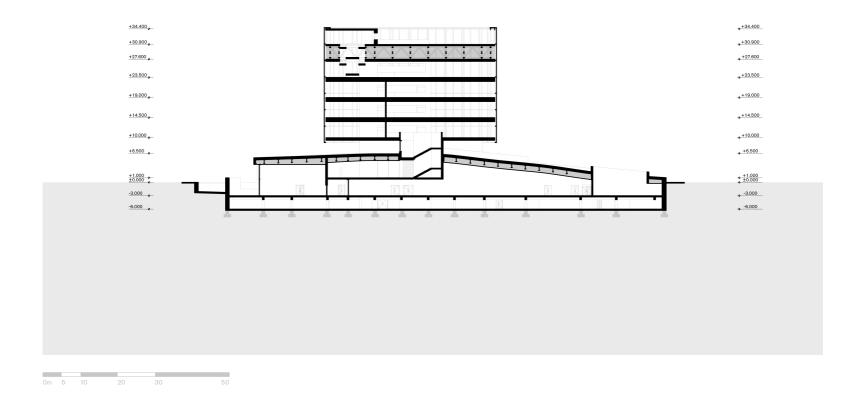


SECTION

Funeral Axis Section

Section C-C

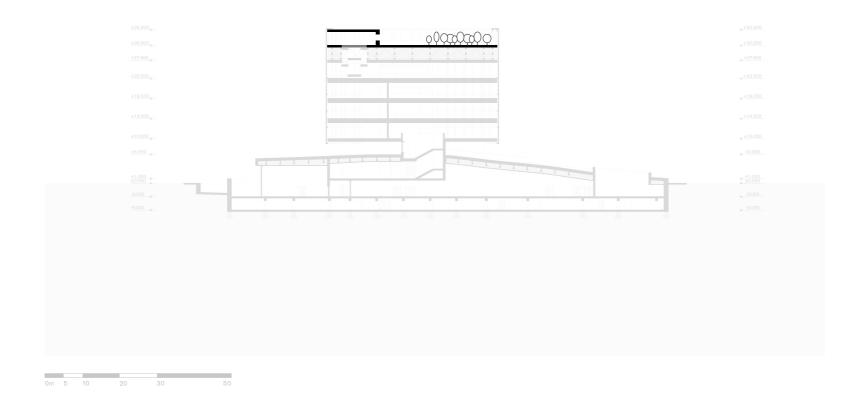


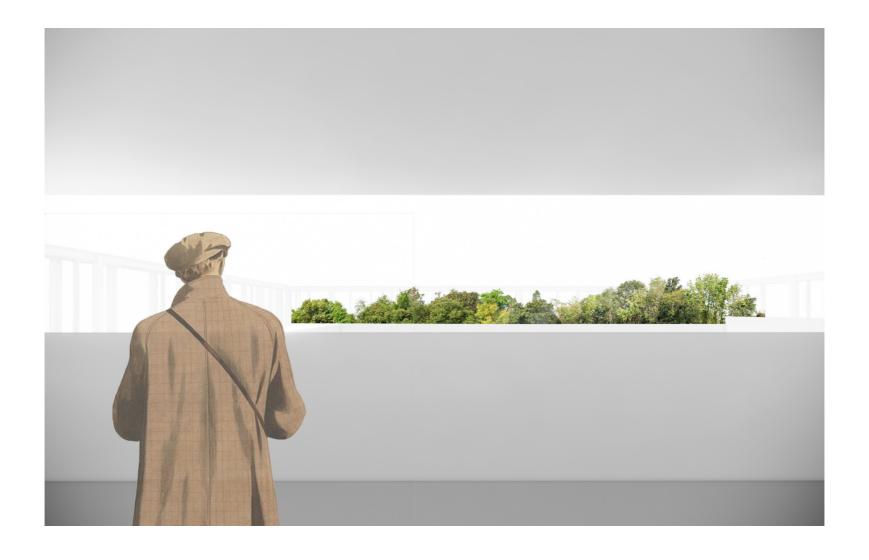


SECTION

Funeral Axis Section Section C-C



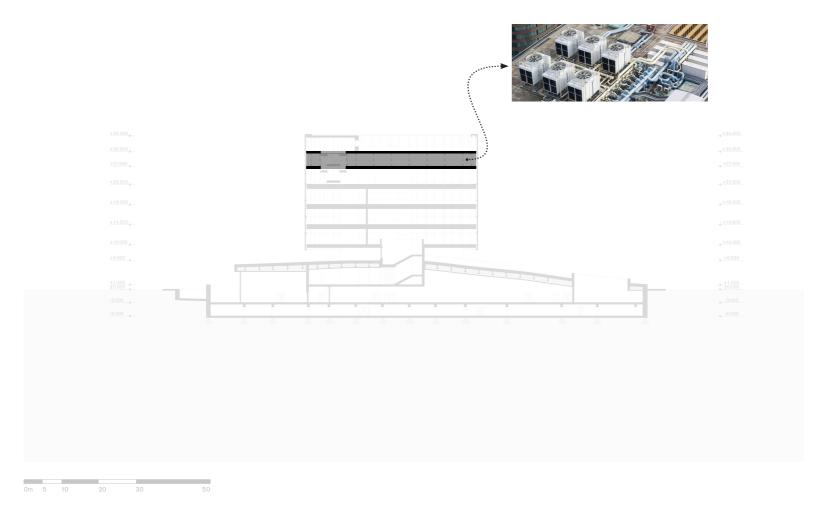




SECTION

Funeral Axis Section Section C-C



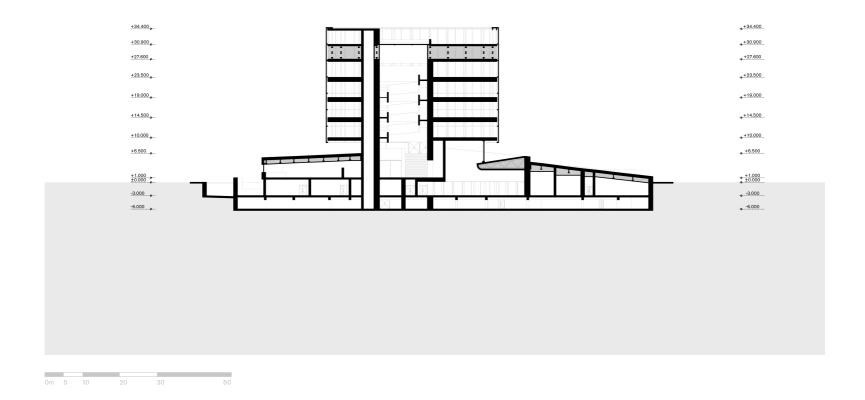


SECTION

Funeral Axis Section

Section D-D





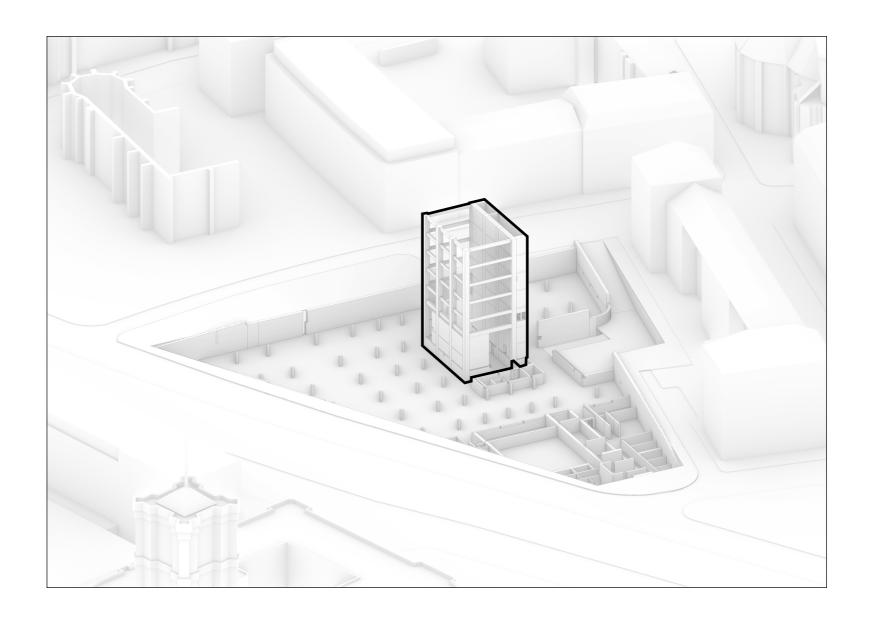
Introduction
Research
Design Brief

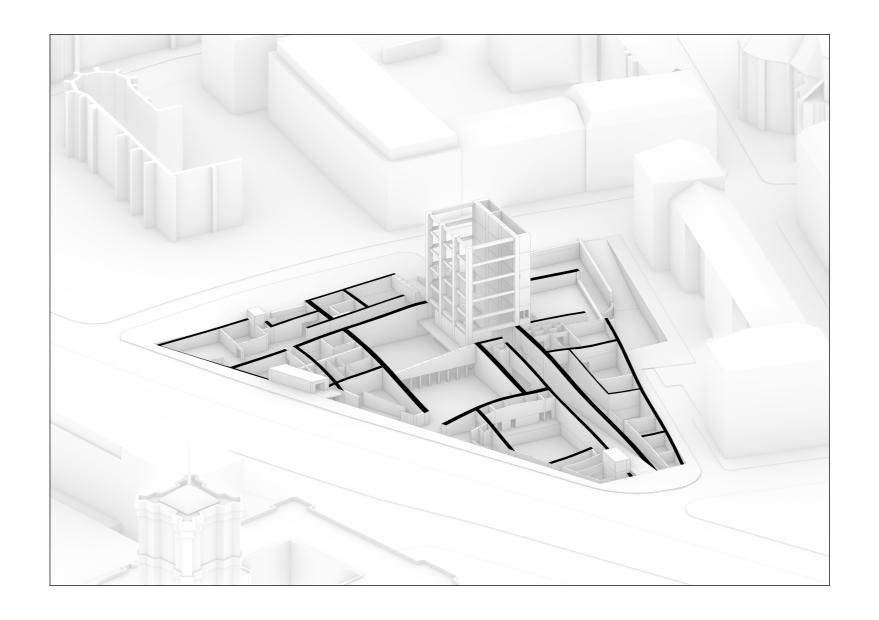
Concept

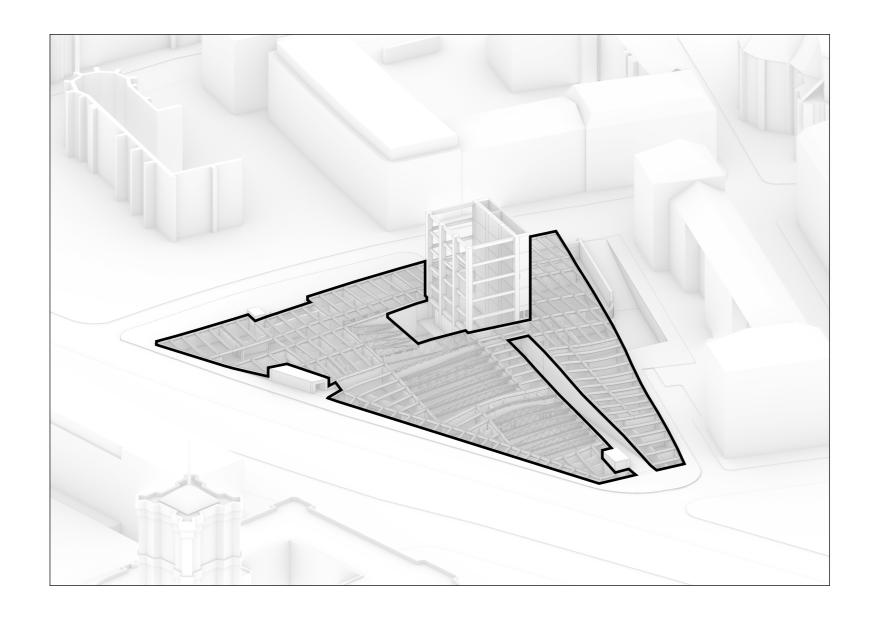
Inplementation

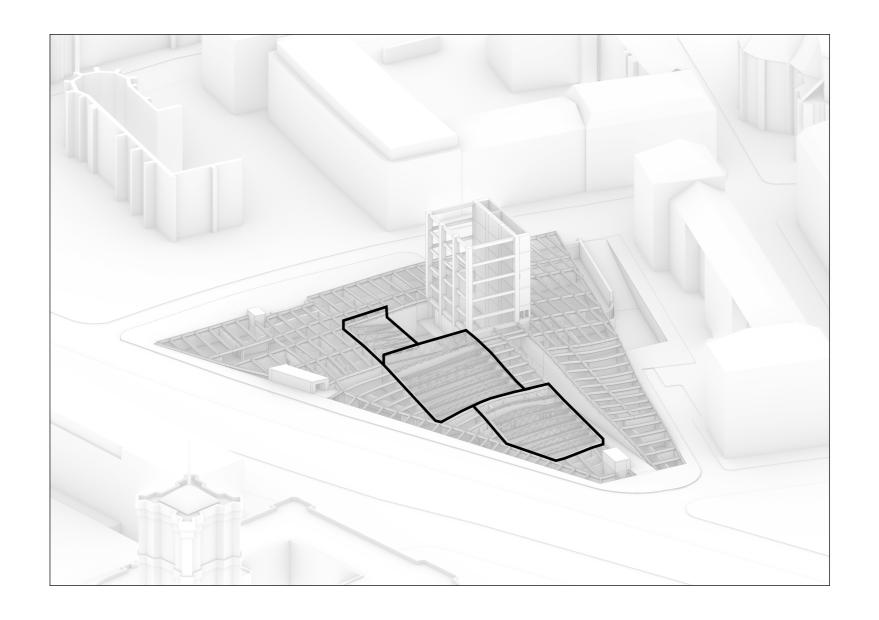
---- Development -----

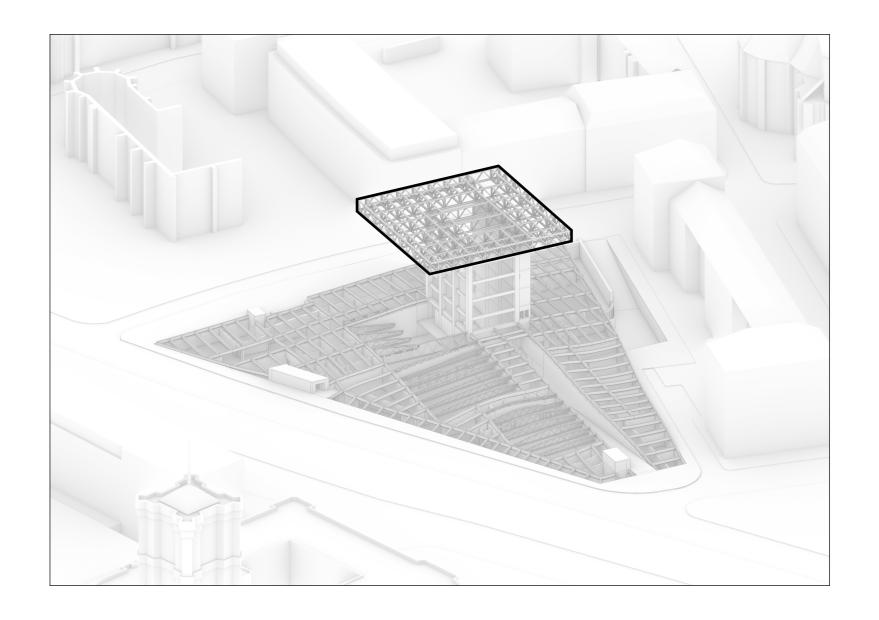
Conclusion

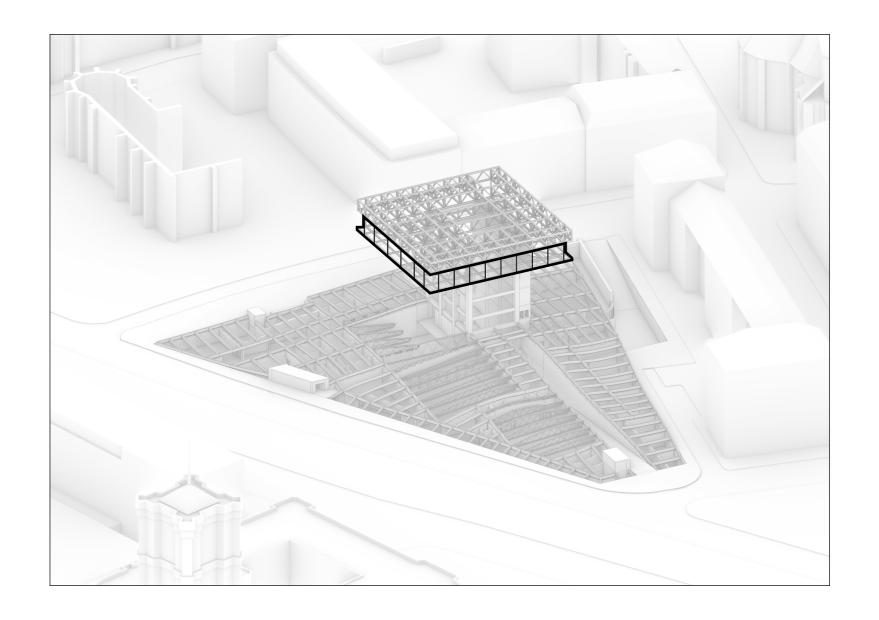


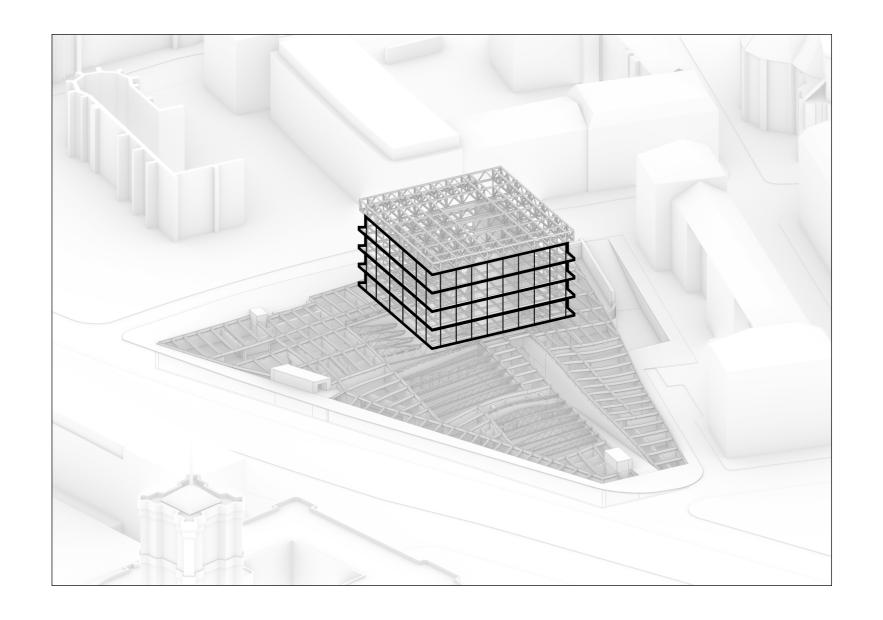


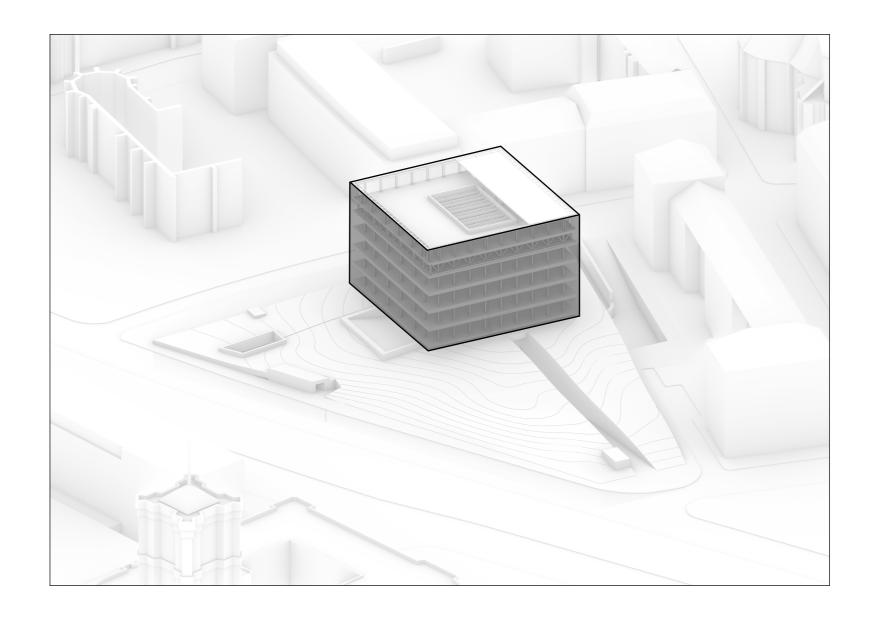


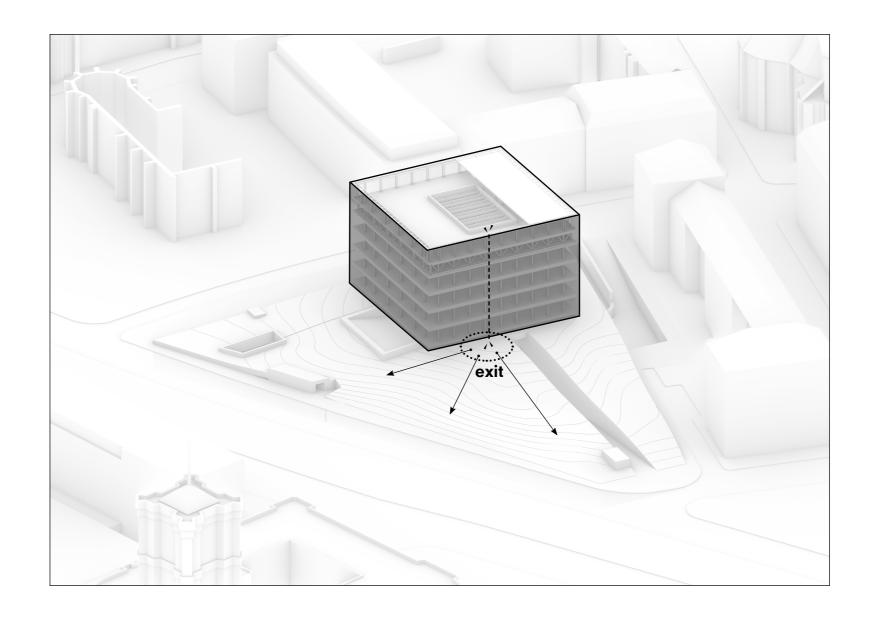


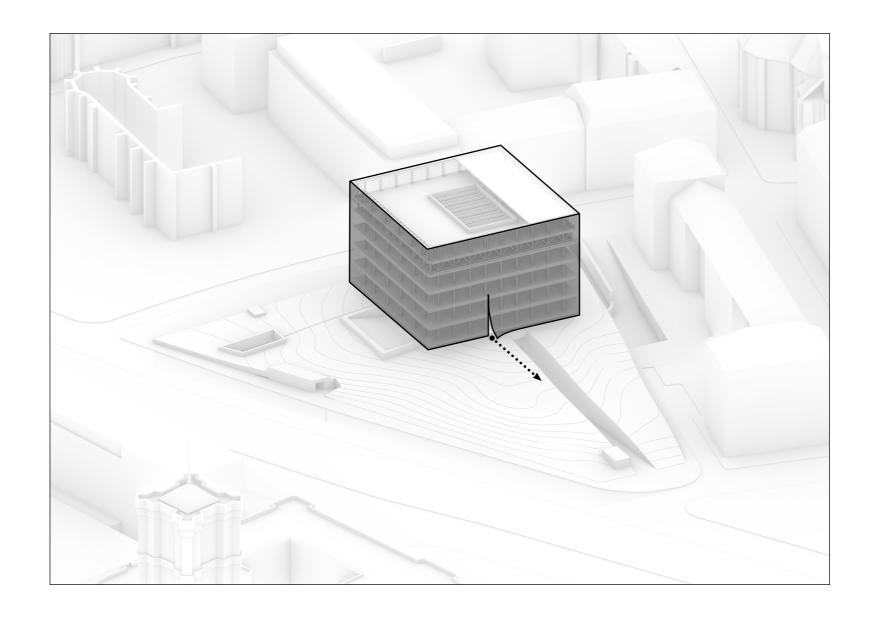


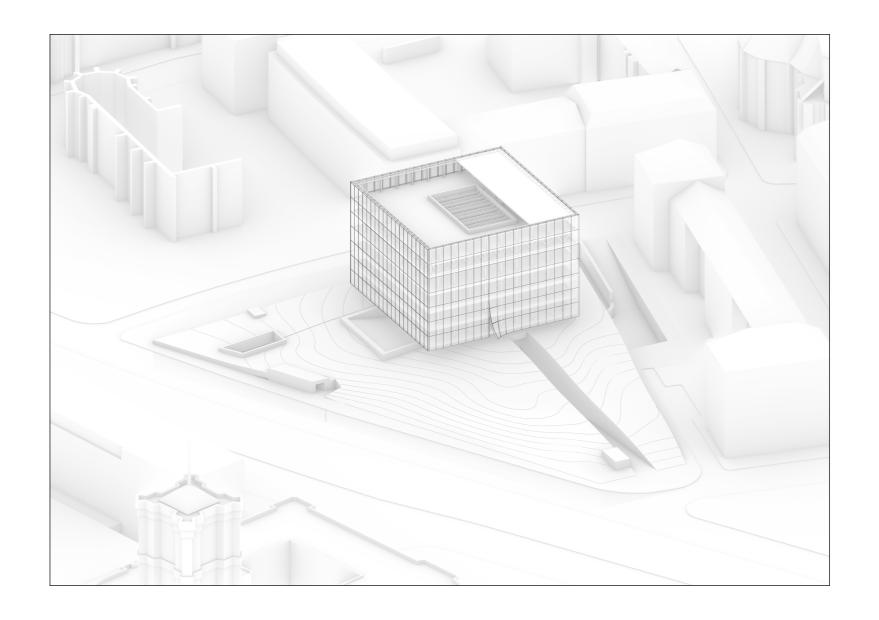


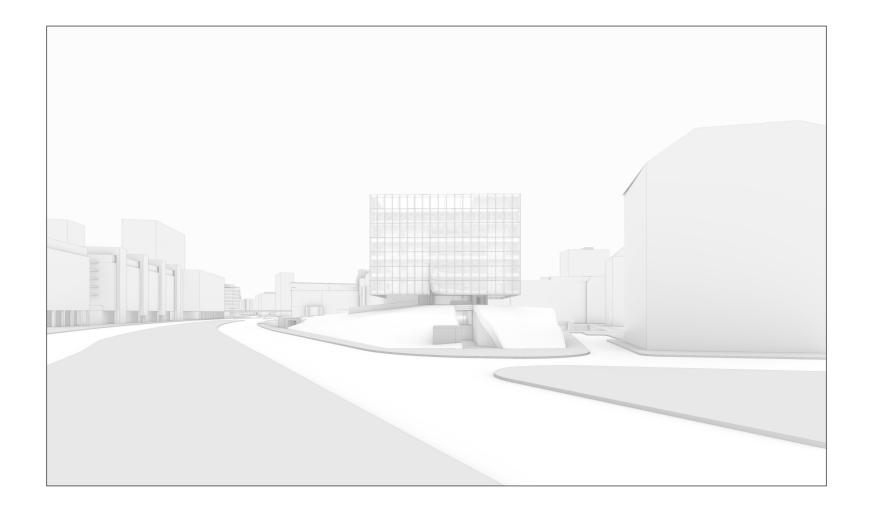


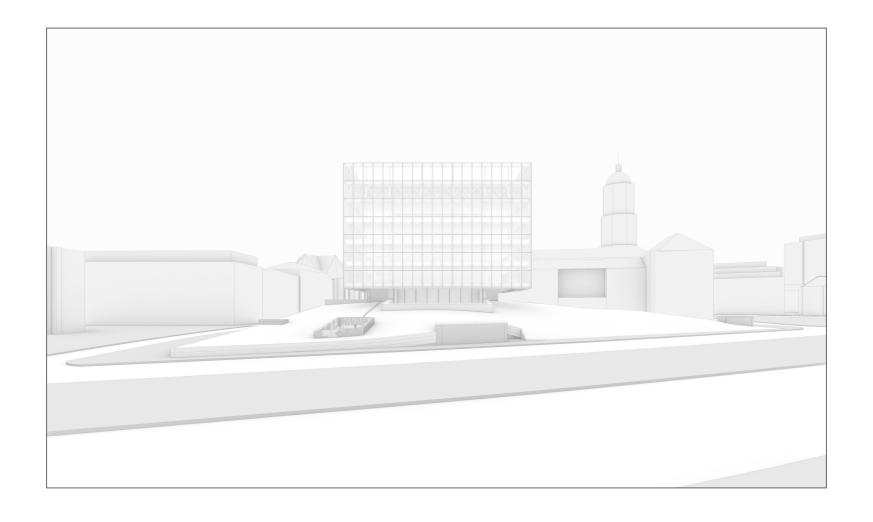


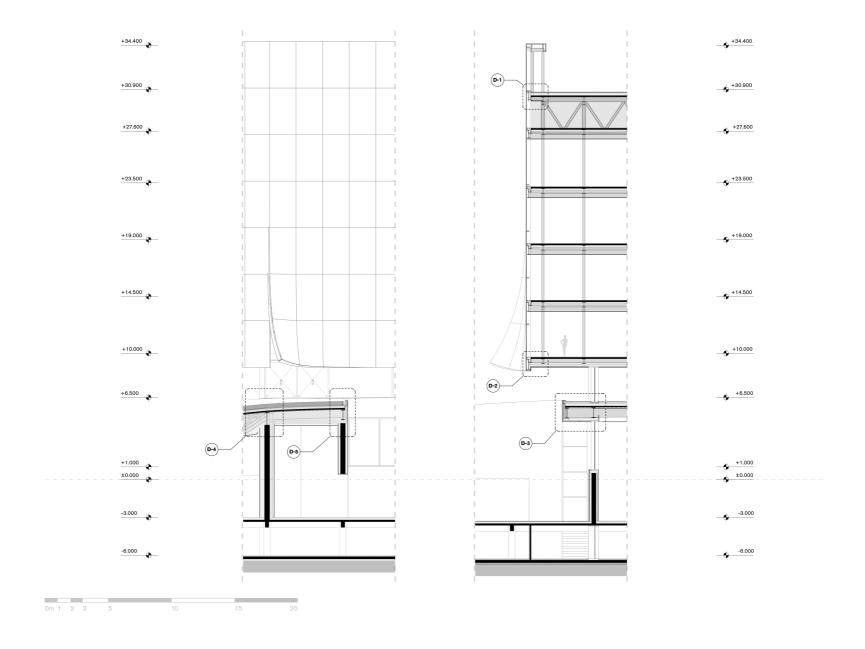






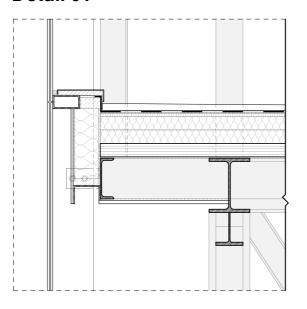




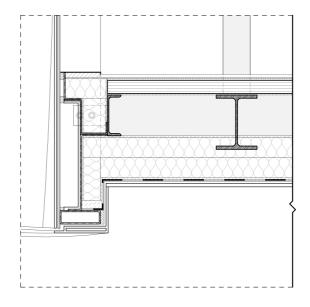


DETAIL

Detail 01

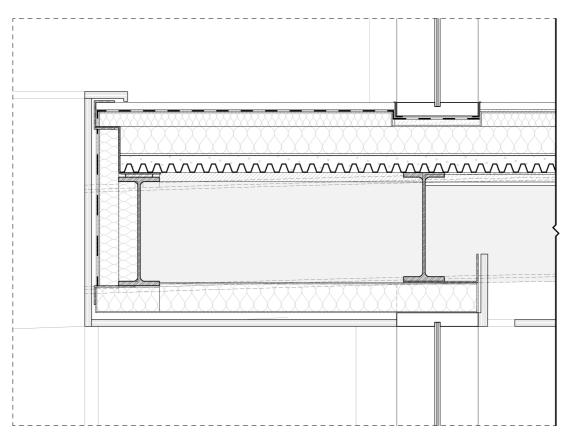


Detail 02



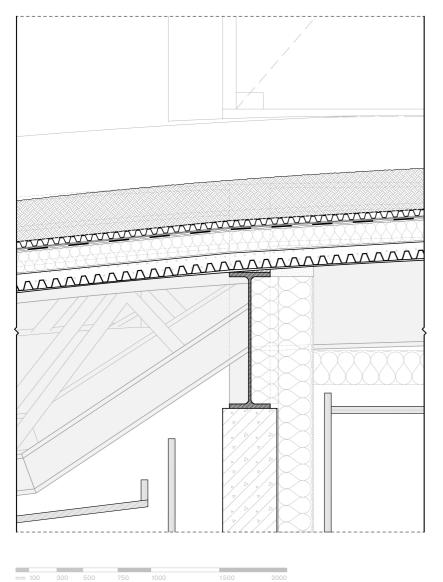
DETAIL

Detail 03

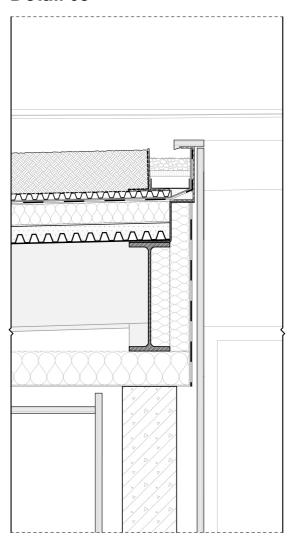


DETAIL

Detail 04

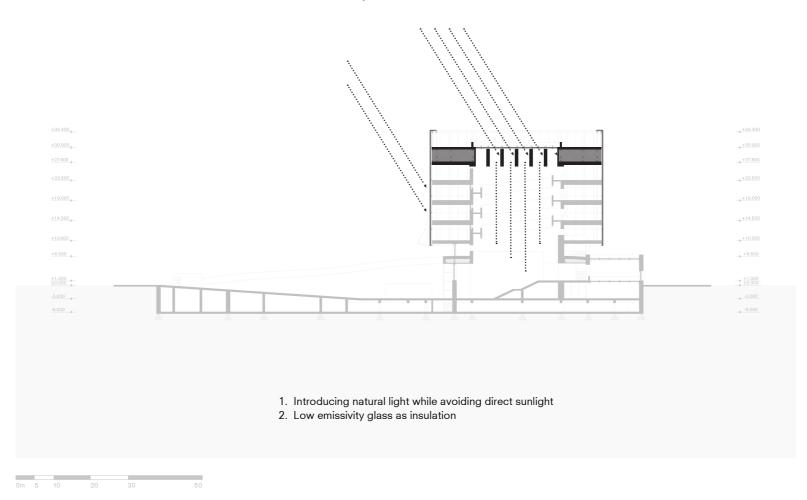


Detail 05



DAY LIGHT



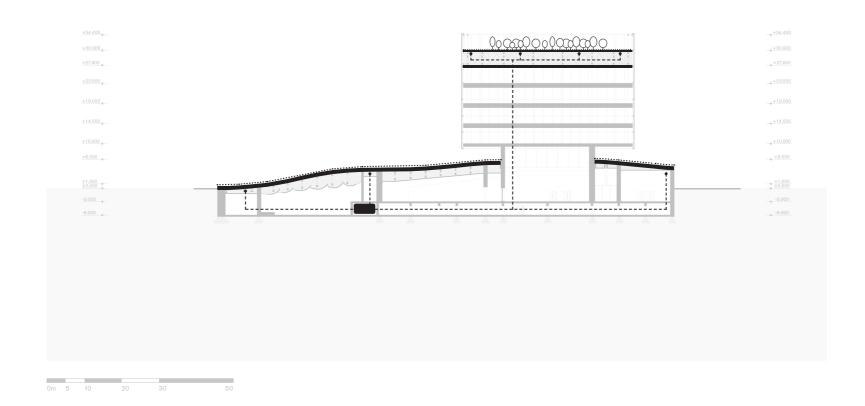


VENTILATION

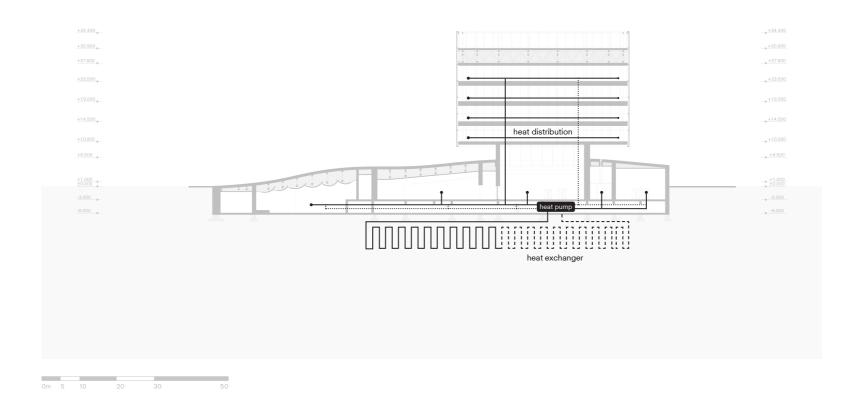
ventilation through the void

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RAIN WATER



HEAT PUMP



Introduction
Research
Design Brief
Concept
Inplementation

Conclusion

Development



From program to form to space, this project shows a very credible result, .

CONCLUSION

From program to form to space, this project shows a very credible result, .

It is possible and meaningful to think of the cemetery as a museum building and integrate it into the urban fabric, since it provides a potential solution to the problems faced by Berlin's cemetery space.

Thank you