

Architecture Portfolio

RITA ROCHA

2018



AITA FORJAZ ROCHA

Architect, M. Arch. | Hamburg, Germany

Portugal | 14.10.1992

web: <http://ritarocha.eu>

email: info@ritarocha.eu

<https://pt.linkedin.com/in/rita-rocha-b72874a9>

personal statement

I consider myself an enthusiastic, motivated and open minded person who likes to work in creative, encouraging and thrilling environments. Always willing to improve myself as well as my skills, I am hardworking and passionate about every project I get involved in. From learning a new language to running a marathon, I constantly look for new activities that can enrich me as a person and search for ideas that can open my horizons.

Architecture fascinates me because of its never ending possibilities and the idea of creating a building from sketch to 1:1 details. Studing Architecture was a challenge that I gladly took. My experience as an intern allowed me to dive into the professional world and to realise that I really see myself in the architecture world. Working as an architect for the past year, I now detain great responsibilities within my company and continue to learn and enhance myself everyday.

Although I am more experienced in the design development phase of a project, I enjoy all the aspects of the process and already proved that can manage quite well any given task. Knowing how to work in a team, I am especially apt to understand the qualities of each member in order to achieve common goals. I am also acquainted with the german construction norms and regulations and I regularly deal with engenieers, technical planers and public authorities. Since January I am responsible for the project of the new Cruise Terminal in the Hafen City.

..

RITA FORJAZ ROCHA

Curriculum Vitae

Portugal | 14.10.1992
 web: <http://ritarocha.eu>
 email: info@ritarocha.eu
<https://pt.linkedin.com/in/rita-rocha-b72874a9>

WORK EXPERIENCE

April.2017-present 1,5 years

Hillmer und Richter Architekten, Hamburg,
 [Architect, Project Manager]

Collaboration in the design of the new Cruise Terminal in Überseequartier Süd in Hamburg. HOAI LP 2,3,4

Collaboration in competitions.

Mar.2016-Aug.2016 6 months

gmp Architekten, Berlin [Internship]

Collaboration in the Design Development Phase of the Building Complex above Qianhai Bay's Integrated Transport Hub of Shenzhen Metro, China (apartment tower, office tower, hotel tower and transfer hall). HOAI LP 3

Sep.2015-Feb.2016 6 months

hg merz architekten, Berlin [Internship]

Collaboration in the detail plans for the reconstruction, modernisation and extension of the Staatsoper Unter den Linden, in Berlin. HOAI LP 5
 Collaboration in the Schematic Design Phase of the Foyer Daimler, in Stuttgart. HOAI LP 2

Collaboration in the Design Development Phase of the Mercedes-Benz Niederlassung, in Frankfurt. HOAI LP 3

EDUCATION & QUALIFICATIONS

2010-2016 **Master's Degree in Architecture**

Faculdade de Arquitectura da Universidade do Porto, Portugal

Grade: A/16 (0-20)

2014-2015 **Erasmus Semester**

Technische Universität Berlin, Germany

Modules included:

- Architectural and Urbanistic Design
- Free Drawing
- Architecture and Urbanistic Theory
- Architecture and Urbanistic History
- Structural systems and construction

2007-2010 **High School Diploma in Visual Arts**

Escola Secundária de Alberto Sampaio, Portugal

Grade: 19,7 (0-20)

SKILLS

Software

- **Autodesk AutoCAD** advanced
- **Adobe (Photoshop, Illustrator, InDesign)** advanced
- **Office (Word, Excel and PowerPoint)** advanced
- **Microstation** advanced
- **Rhinoceros** intermediate
- **Vray** intermediate
- **ArchiCAD** intermediate
- **Sketchup** intermediate
- **Revit** basic

Languages

- **Portuguese** native
- **English** fluent
- **German** fluent [Goethe-Zertifikat C1]
- **Spanish** advanced
- **French** basic

AWARDS

Garage Extruder: **BUCHPREIS**
 in Concrete Design Competition 2014/15
 STRUCTURE

INTERESTS & ACHIEVEMENTS

Sports

- 2013-2015 Lifeguard, Portugal
- 2012 UIM 2012 "O oceano ibérico. Os Açores, uma ponte na conexão americana"
- 2009 420 sailing world cup, Italy

Drawing, writing, reading

- 2015 publication in Berlin Transfer – Hybrid Modernities, Rainer Hehl & Ludwig Engel (Eds.)
- 2012 collaboration in the newspaper "El Comercio"
- 2007-2010 collaboration in the magazine "Defacto"

Traveling, Photography

- 2009 organization of schooltrip to Madrid and ARCO
- Blog: Architecture Photography (ritarocha.eu)



Hamburg, Germany
 Architect and Project Manager
 Apr. 2017 – present

PROJECT Cruise Terminal in Überseequartier Süd

Location Hamburg | Year 2017 – | BGF 10 200 m²

COLLABORATION

Schematic Design, LP2 Vorentwurf

- Concept definition
- Drawings (plans and sections in scale 1:500 and 1:200)
- Spreadsheets
- Presentations
- Submission

Design Development, LP3 Entwurfsplanung

- Concept definition
- Drawings (floorplans, sections, elevations, ceilings plans in scale 1:100 and details in scale 1:10)
- Coordination with Structural-, Fire safety- and MEP-Engineers, facade and lighting designers
- Meetings with clients, operators, fabricators and specialists
- Spreadsheets
- Presentations
- Preparation and submission of legal documents
- Organisation of schedules and deadlines
- Roombook and door schedule
- Cost calculation

PROJECT Competition, HafenCity

Location Hamburg | Year 2017

Type Office Building

COLLABORATION

- Concept definition
- Drawings (floorplans, sections, elevations, siteplan Scale 1:500 to 1:100)
- Presentation



© a-tour

Approval Planning, LP4 Genehmigungsplanung

- Concept definition
- Drawings (floorplans, sections, elevations in scale 1:100 and details in scale 1:10)
- Coordination with Structural-, Fire safety- and MEP-Engineers
- Meetings with clients and operators
- Spreadsheets
- Presentations
- Preparation and submission of legal documents (Bauantrag, Bau- und Betriebsbeschreibung, u.a.)
- Organisation of schedules and deadlines
- Submission

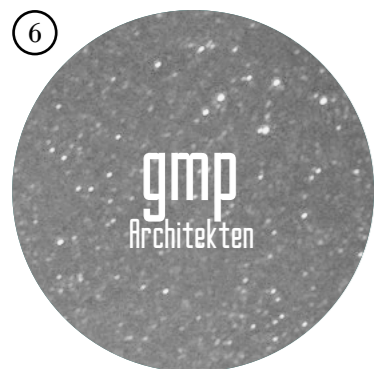
PROJECT Competition, HafenCity

Location Hamburg | Year 2017

Type Masterplan

COLLABORATION

- Drawings (sections, elevations, scale 1:500)
- Presentation



Berlin, Germany
Internship
Mar. 2016 – Aug. 2016 [6 months]



PUBLISHED IN: Archdaily, "Qianhai Integrated Transportation Hub / gmp Architekten"

PROJECT

Building Complex above Qianhai Bay's Integrated Transport Hub

INFO

Location Shenzhen, China
Year 2013 – | BGF 45 ha
Type master plan, office and apartment building, hotel

COLLABORATION

Detail Drawings LP3 Entwurfsplanung

Drawings (floorplans, sections, elevations, details, facade design, ceiling plans)

- 3D Models
- Scales 1:500 to 1:150
- Presentations

recommendation letter

gmp International GmbH · Hardenbergstr. 4-5 · 10623 Berlin

gmp
International GmbH
architects and engineers

Frau
Ana Rita Forjaz Rocha
Rua Gil Vicente 52 Direito
4715-193 Braga
Portugal

Letter of Reference – Internship

Ms. Ana Rita Forjaz Rocha, born 14.10.1992, worked as an intern from 01.03.2016 to 31.08.2016 in our Berlin architectural office.

During her internship, Ms. Forjaz Rocha became acquainted with a variety of tasks of an architectural office and participated independently in different areas of work. The main focus of her duties was in the following project:

Building Complex above Qianhai Bay's Integrated Transport Hub of Shenzhen Metro, China
Collaboration in the Design Development Phase
Apartment tower: Façade design, 3D Model, Sections, Elevations, Details
Office tower: Façade design, 3D Model, Floorplans, Sections, Elevations
Office tower 2: Façade design, interior design, 3D Model, Floorplans, Sections, Elevations, Details, Ceiling Plans
Transfer Hall: 3D Model, Floorplans
Preparation of PowerPoint presentations

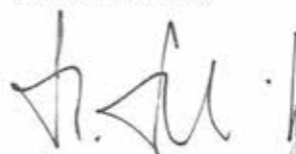
She was able to quickly become accustomed to the computer programs used (AutoCad, SketchUp, Photoshop, PowerPoint) and worked with them adeptly.

Ms. Forjaz Rocha always worked independently with great care and accuracy on the tasks assigned to her. She has well-founded knowledge which enabled her to fulfil her duties to our complete satisfaction.

We appreciate Rita Rocha as an always friendly and helpful colleague. Her personal behavior towards superiors and colleagues was always perfect and cooperative, which qualified her to work in the team.

Ms. Forjaz Rocha leaves our office in order to continue her studies. We thank her for always good cooperation and wish her all the best in her future career.

Berlin, 31.08.2016


Dipl.-Ing. Stephan Schütz

Managing Directors
Prof. Dr. h.c. mult. Dipl.-Ing.
Meinhard von Gerkan
Prof. Dr.-Ing. h.-c.
Volkerwin Marg

Hamburg Court
C. R. No. HR B 79-167

T: +49 30 617 85 500
F: +49 30 617 85 601

berlin@gmp-architekten.de

www.gmp-architekten.de



prof hg merz

Berlin, Germany
Internship Sept. 2015 – Feb. 2016 [6 months]

recommendation letter

berlin 29|02|2016 Praktikumszeugnis

Frau Rita Forjaz Rocha, geboren am 14.10.1992, absolvierte vom 01.09.2015 bis zum 29.02.2016 ein Praktikum in unserem Büro.

Frau Rocha hat in dieser Zeit an folgenden Projekten mitgearbeitet und dabei unter Anleitung die aufgelisteten Aufgaben innerhalb des Projektes ausgeführt:

Staatsoper Unter den Linden
Denkmalgerechter Umbau, Modernisierung und Erweiterung des Opernhauses,
Unter den Linden 7, 10117 Berlin

- Mitarbeit an der Erstellung von Detailplänen im Maßstab 1:1 bis 1:20

Foyer Daimler Stuttgart
Mitarbeit bei der Konzeption

- Erstellen von Grundrissen, Schnitten, Ansichten im Maßstab bis 1:50

Mercedes-Benz Niederlassung Frankfurt

Mitarbeit bei der Entwurfsplanung

- Erstellen von Grundrissen, Schnitten, Ansichten, Details im Maßstab 1:200 bis 1:1 zu den Themen:
Treppenplanung, Trockenbau, Tischlerarbeiten, lose Möblierung
- Erstellung der Deckenspiegel

Frau Rocha hat die komplexen Prozesse in unterschiedlichen Projekten kennen gelernt und sich sehr gut darauf eingestellt. Die CAD-Planung der Projekte erfolgte mit ArchiCAD 16 for Teamwork auf Apple Macintosh.

Die ihr übertragenen Aufgaben hat Frau Rocha zu unserer vollsten Zufriedenheit erledigt. Sie arbeitete zuverlässig und genau und bewältigte auch hoch komplexe Aufgaben sicher.

Wir bedanken uns sehr für die gute Zusammenarbeit und wünschen ihr für ihre persönliche und berufliche Zukunft alles Gute und weiterhin viel Erfolg.

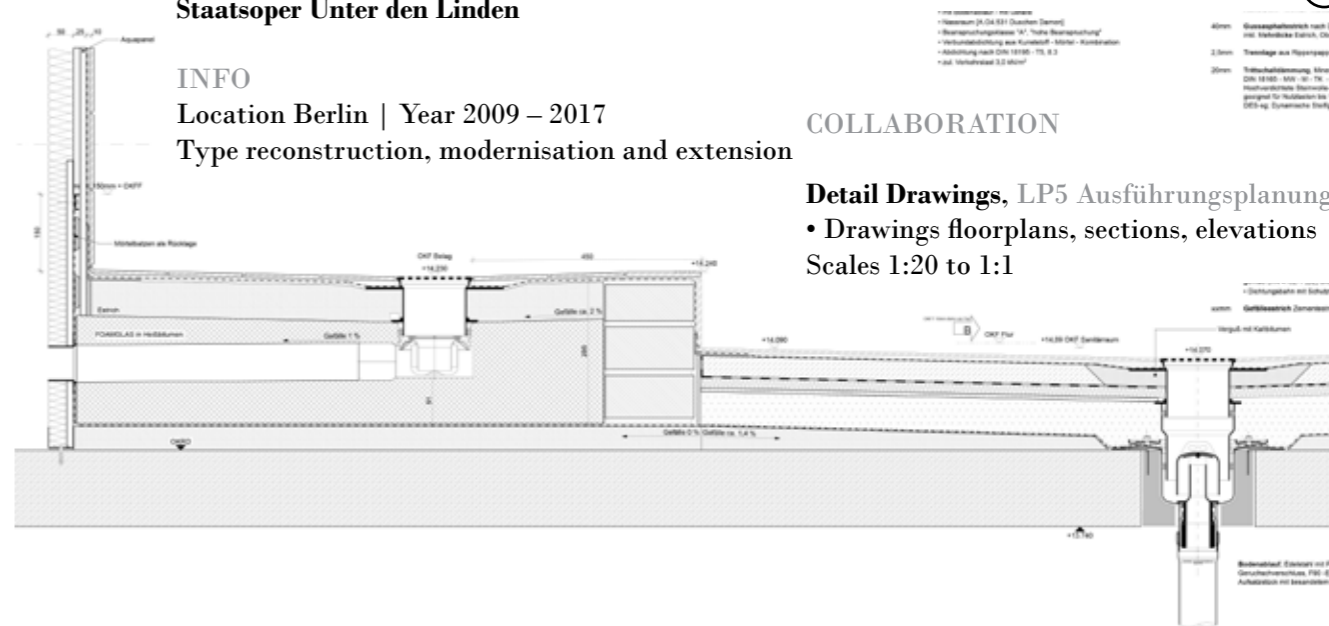
Mit freundlichen Grüßen

ppa. Joachim Muzzig

hg merz gmbh 10827 berlin hauptstrasse 8
 t 030.278777-0 f 030.278777-50 e-mail berlin@hgmerz.com
 geschäftsführer prof. hg merz / hr stuttgart 24598 / sitz stuttgart
 70174 stuttgart relenbergstrasse 6
 t 0711.707128-0 f 0711.707128-60 e-mail stuttgart@hgmerz.com

PROJECT Staatsoper Unter den Linden

INFO
Location Berlin | Year 2009 – 2017
Type reconstruction, modernisation and extension

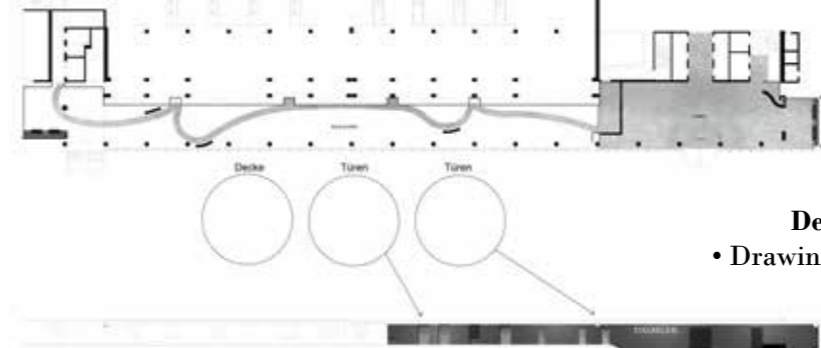


COLLABORATION
Detail Drawings, LP5 Ausführungsplanung
• Drawings floorplans, sections, elevations
Scales 1:20 to 1:1

Daimler Foyer, Stuttgart

Werkstoffe:
Holz: Beton poliert, Marmor, Teppich

Wichtige Punkte:
- Hauptgang
- Treppe
- Treppen



PROJECT Mercedes-Benz Niederlassung

INFO
Location Frankfurt | Year 2015-2016
BGF 2.600 m² | Type interior design

COLLABORATION
Design Development, LP3 Entwurfsplanung
• Drawings (floorplans, sections, elevations, details and ceiling plans) Scales 1:200 to 1:1



PROJECT Foyer Daimler

INFO
Location Stuttgart | Year 2015
BGF 1100 m² | Type renovation

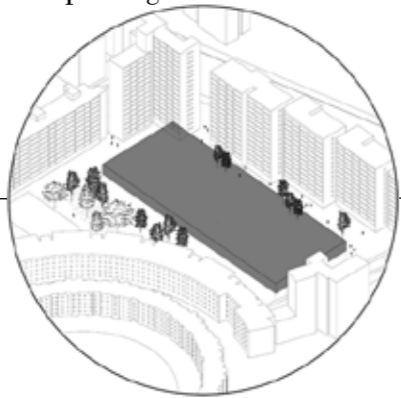
COLLABORATION
Schematic Design, LP2 Vorplanung
• Drawings floorplans, sections, elevations
Scales 1:200 to 1:1

academic work
Garage Extruder
 2015
 with Max Rudolph

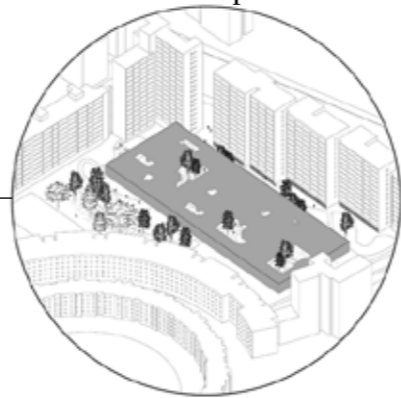
existing situation



extrude the underground parking for circulation



perforate the volume for light reasons and to plant trees

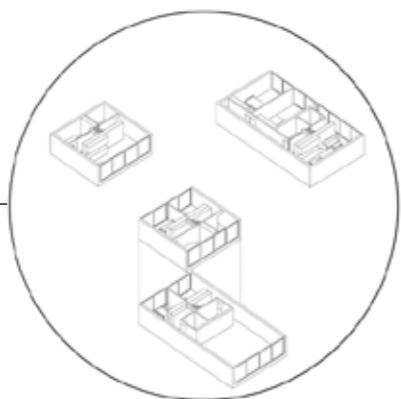


C
O
N
T
E
X
T

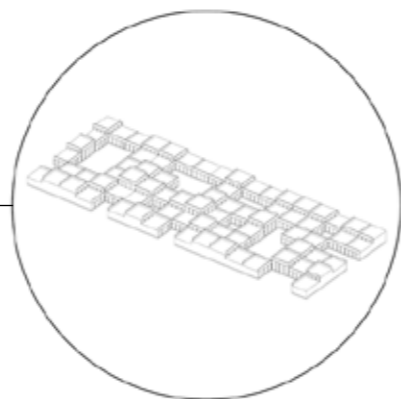
G
E
N
E
R
A
T
I
C



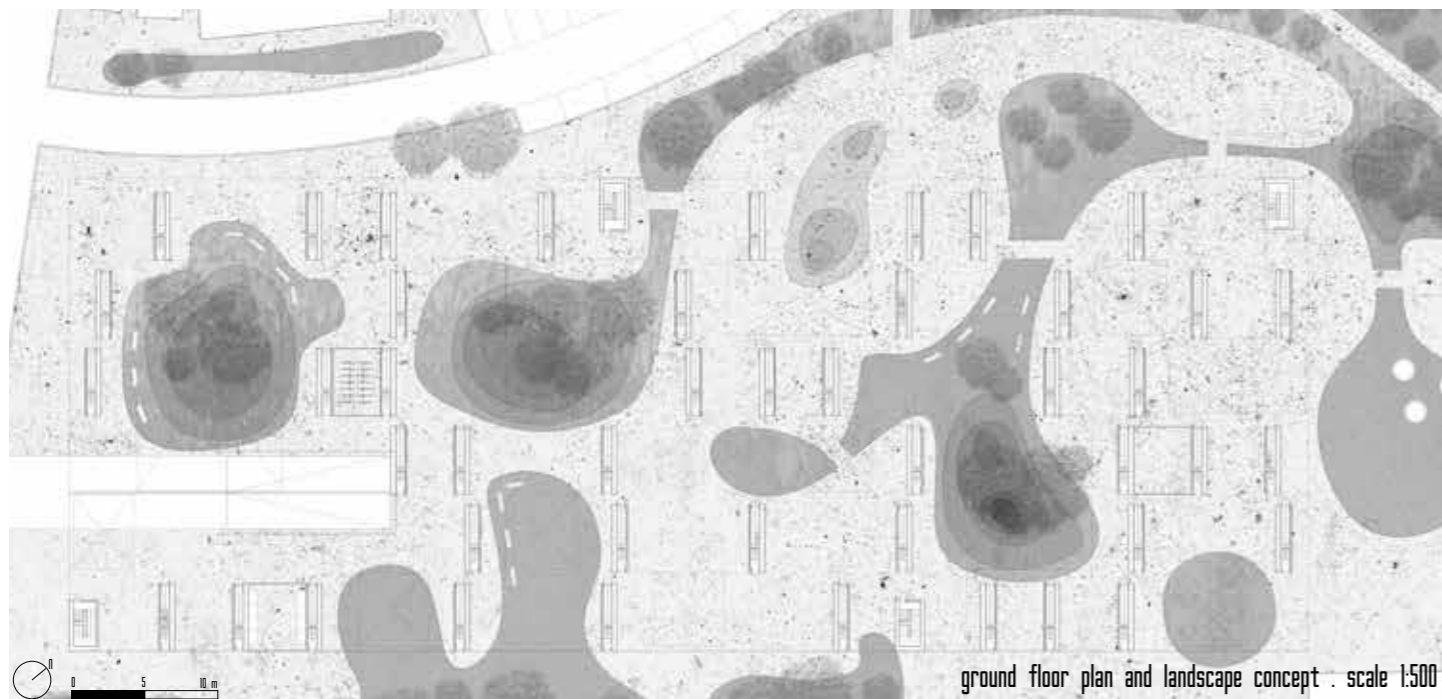
underground parking with its generic grid



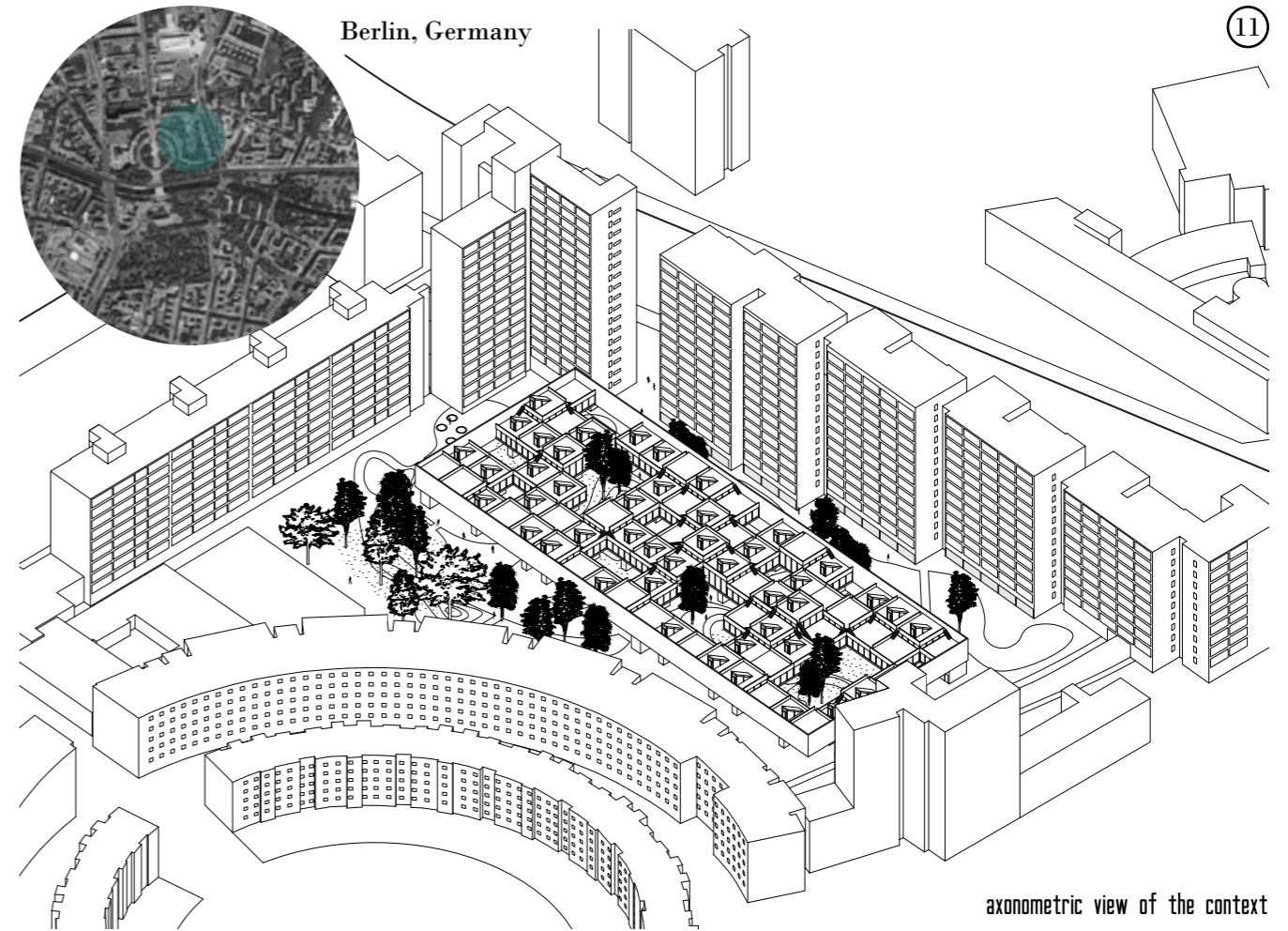
defining three different flat types



creating an artificial topography



ground floor plan and landscape concept . scale 1:500

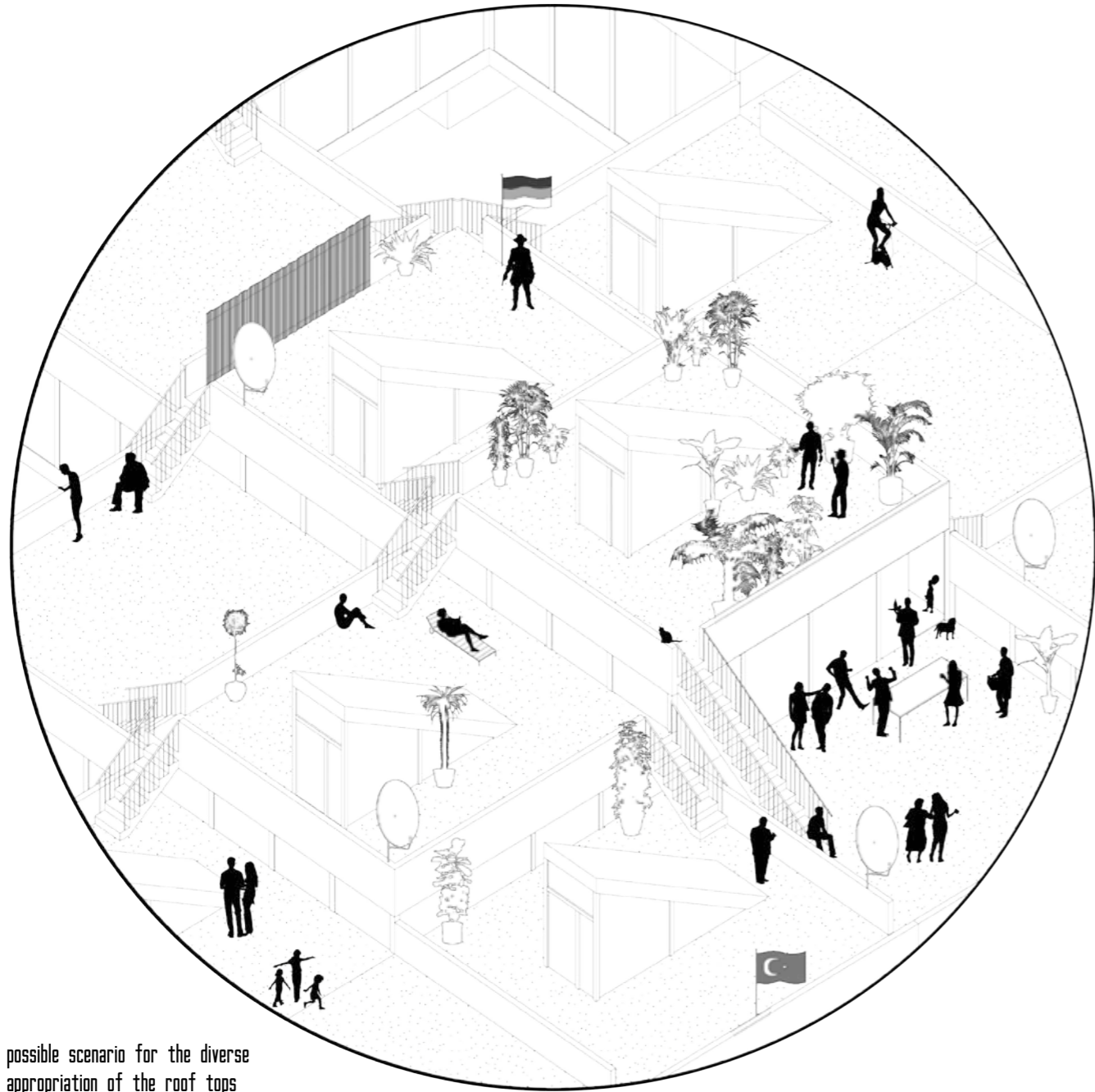


axonometric view of the context



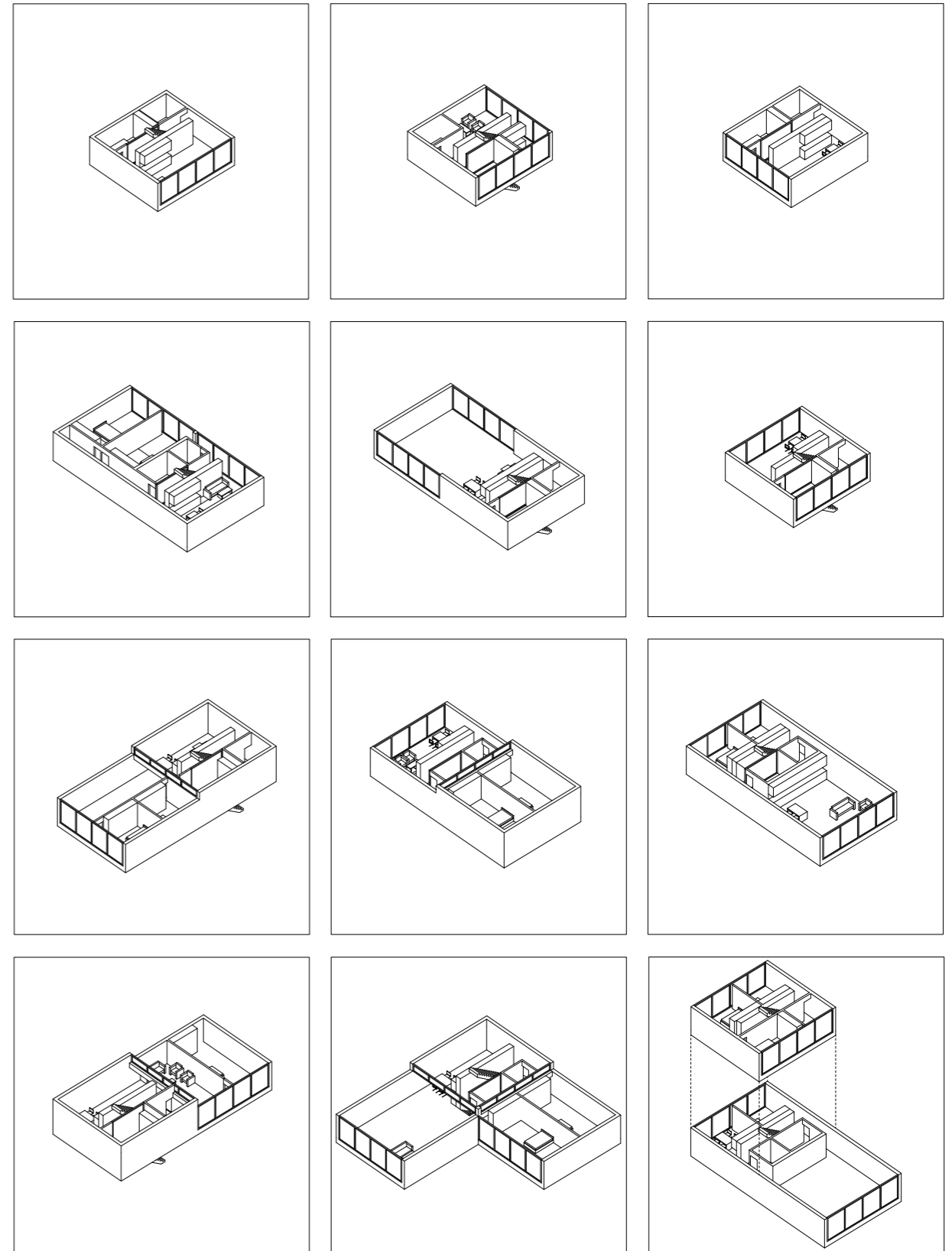
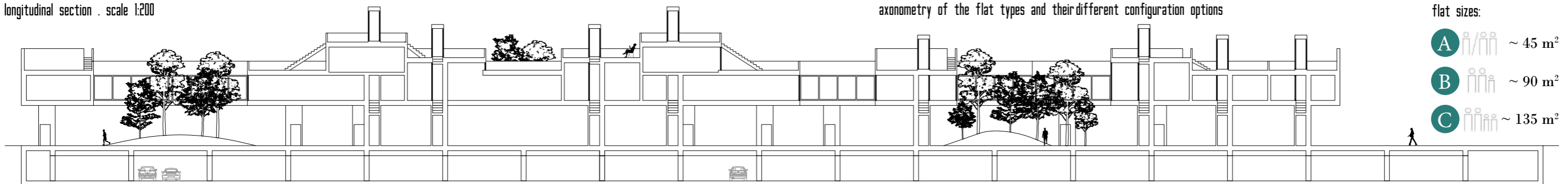
Concrete Design Competition
 2014/15 STRUCTURE
BUCHPREIS
www.concretedesigncompetition.de

Bringing density and people to the area, creating housing and improving the landscape will create the conditions for the commercial function to work. At the ground floor the possibilities to beneficiate from the park are infinite with alternated zones of vegetation and concrete associated with trees, benches, a playground and a skating park. At the roof the neighbours have the possibility not only to profit from a terrace directly above their houses but also to share this space and interact with the others.






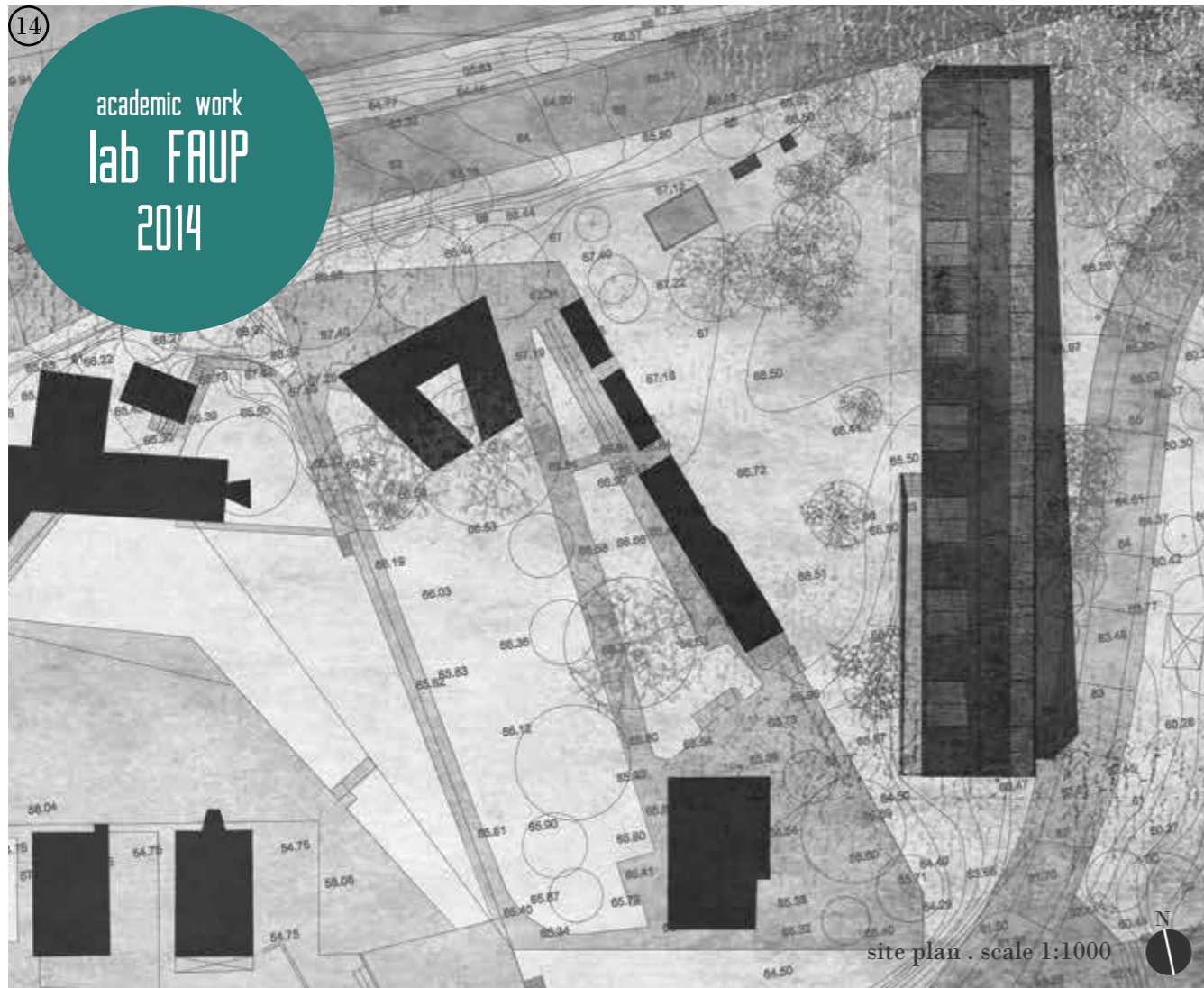
possible scenario for the diverse appropriation of the roof tops

longitudinal section . scale 1:200

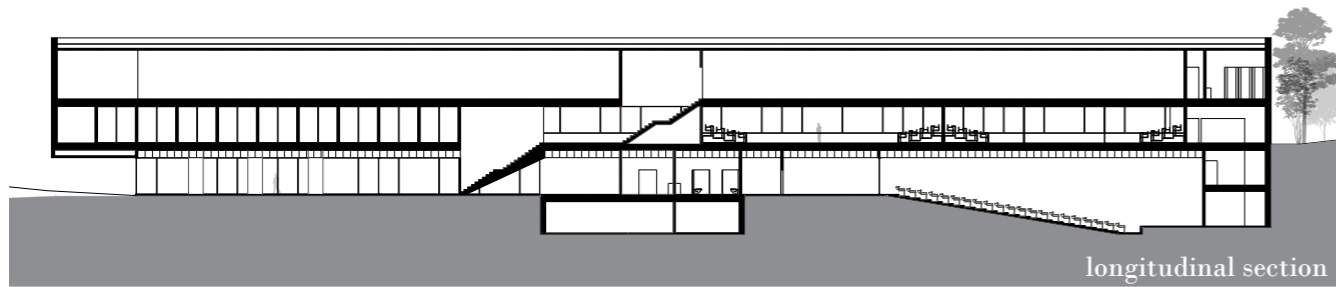


axonomy of the flat types and their different configuration options

- flat sizes:
- A  ~ 45 m²
 - B  ~ 90 m²
 - C  ~ 135 m²



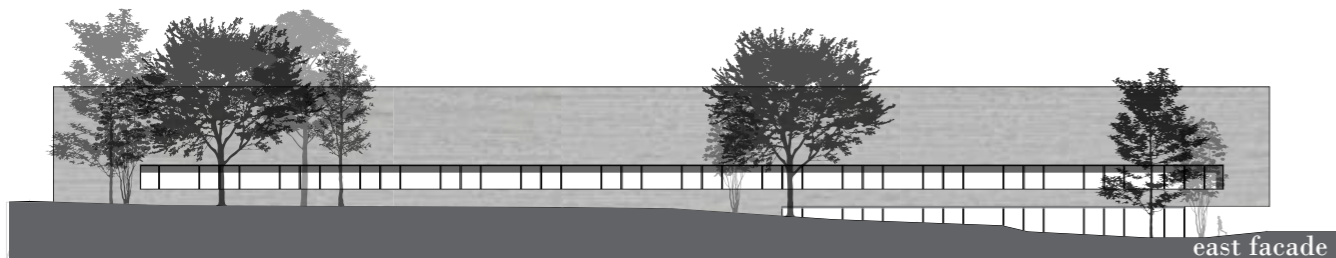
site plan . scale 1:1000



longitudinal section



west facade



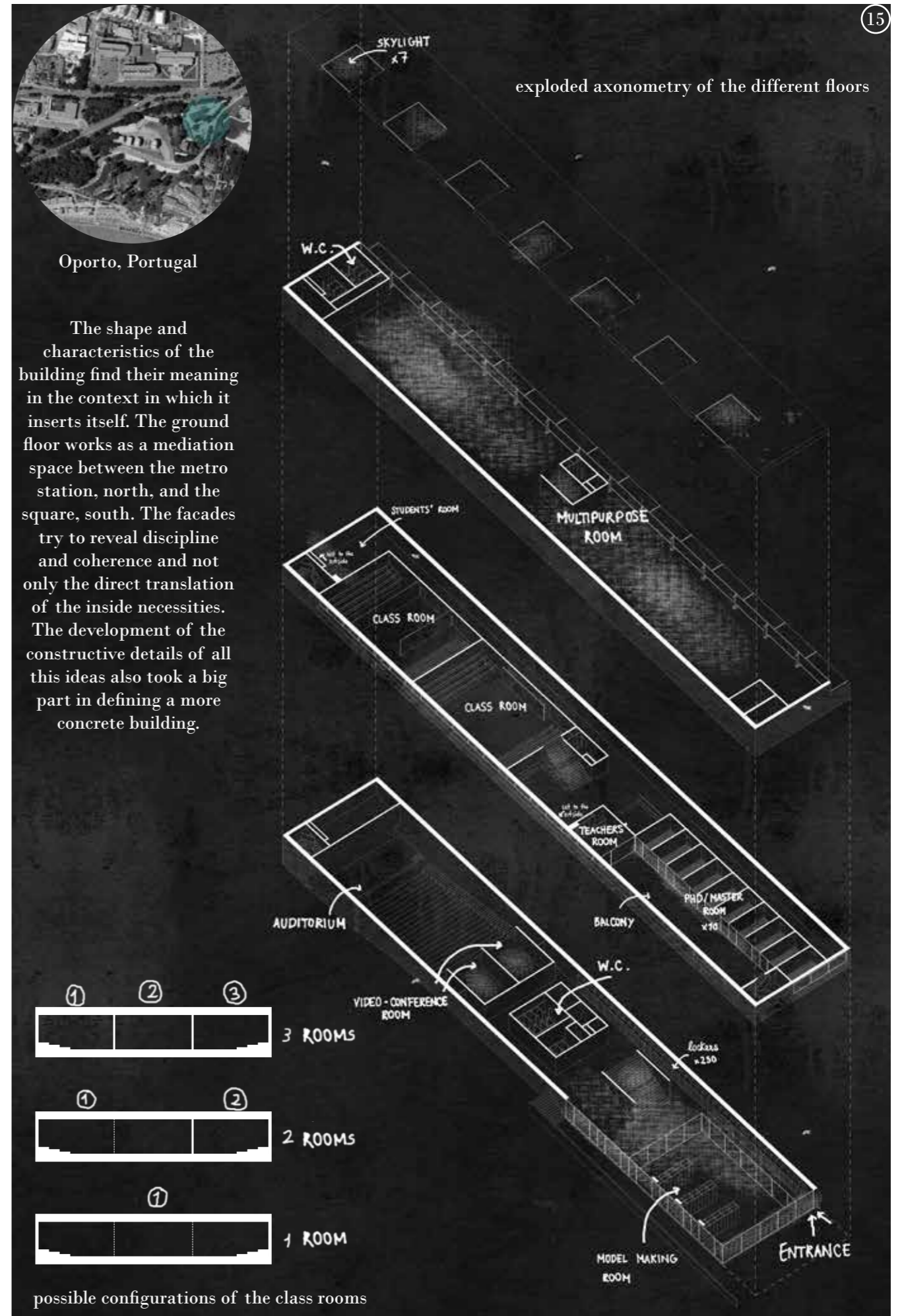
east facade



Oporto, Portugal

The shape and characteristics of the building find their meaning in the context in which it inserts itself. The ground floor works as a mediation space between the metro station, north, and the square, south. The facades try to reveal discipline and coherence and not only the direct translation of the inside necessities. The development of the constructive details of all this ideas also took a big part in defining a more concrete building.

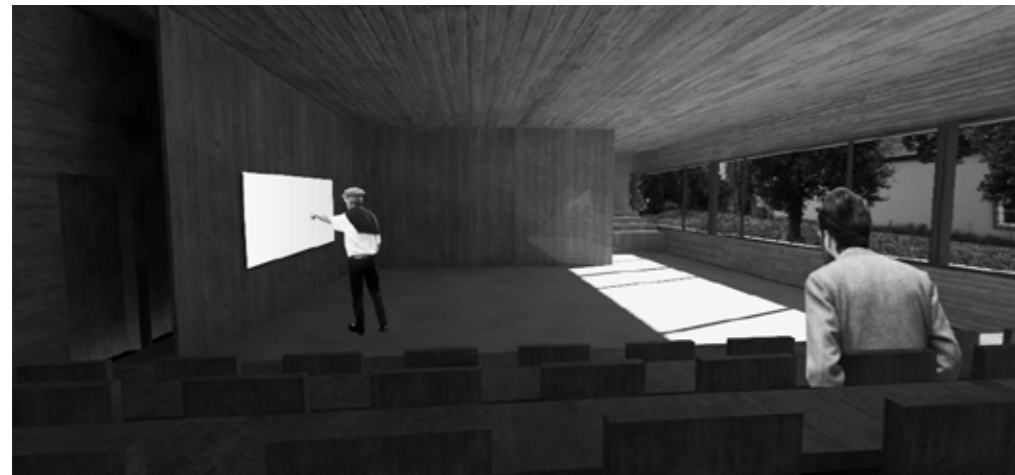
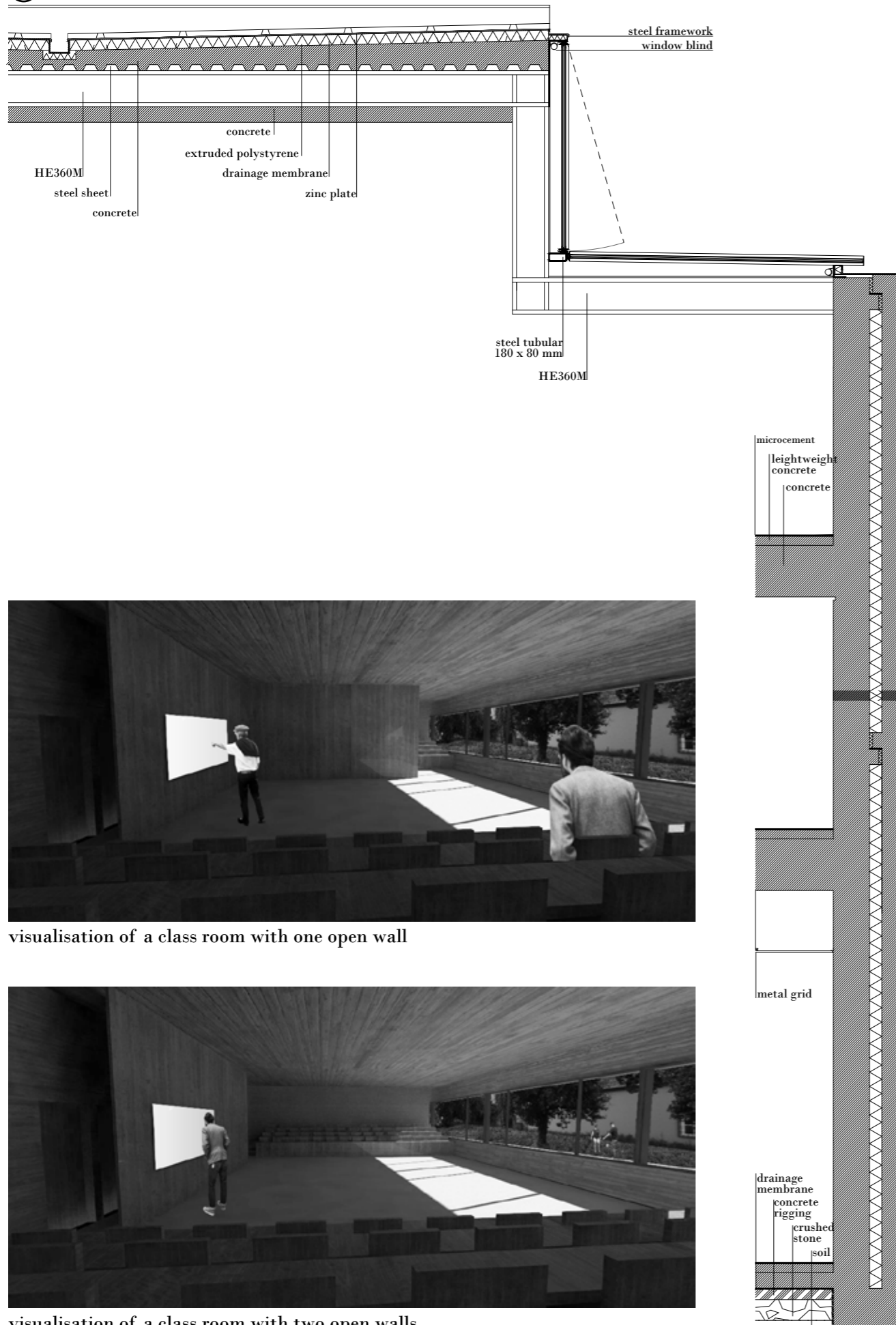
exploded axonometry of the different floors



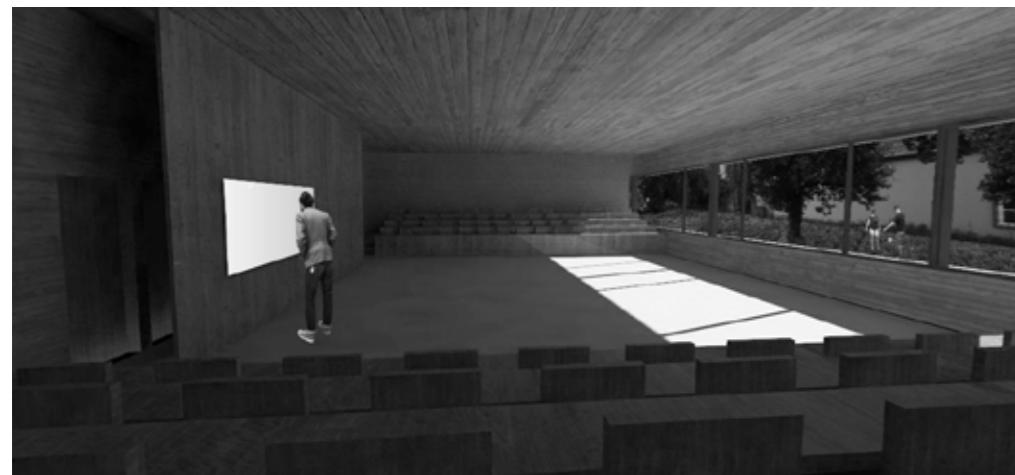
possible configurations of the class rooms

16

west facade section . scale 1:50



visualisation of a class room with one open wall



visualisation of a class room with two open walls



view of the multipurpose room

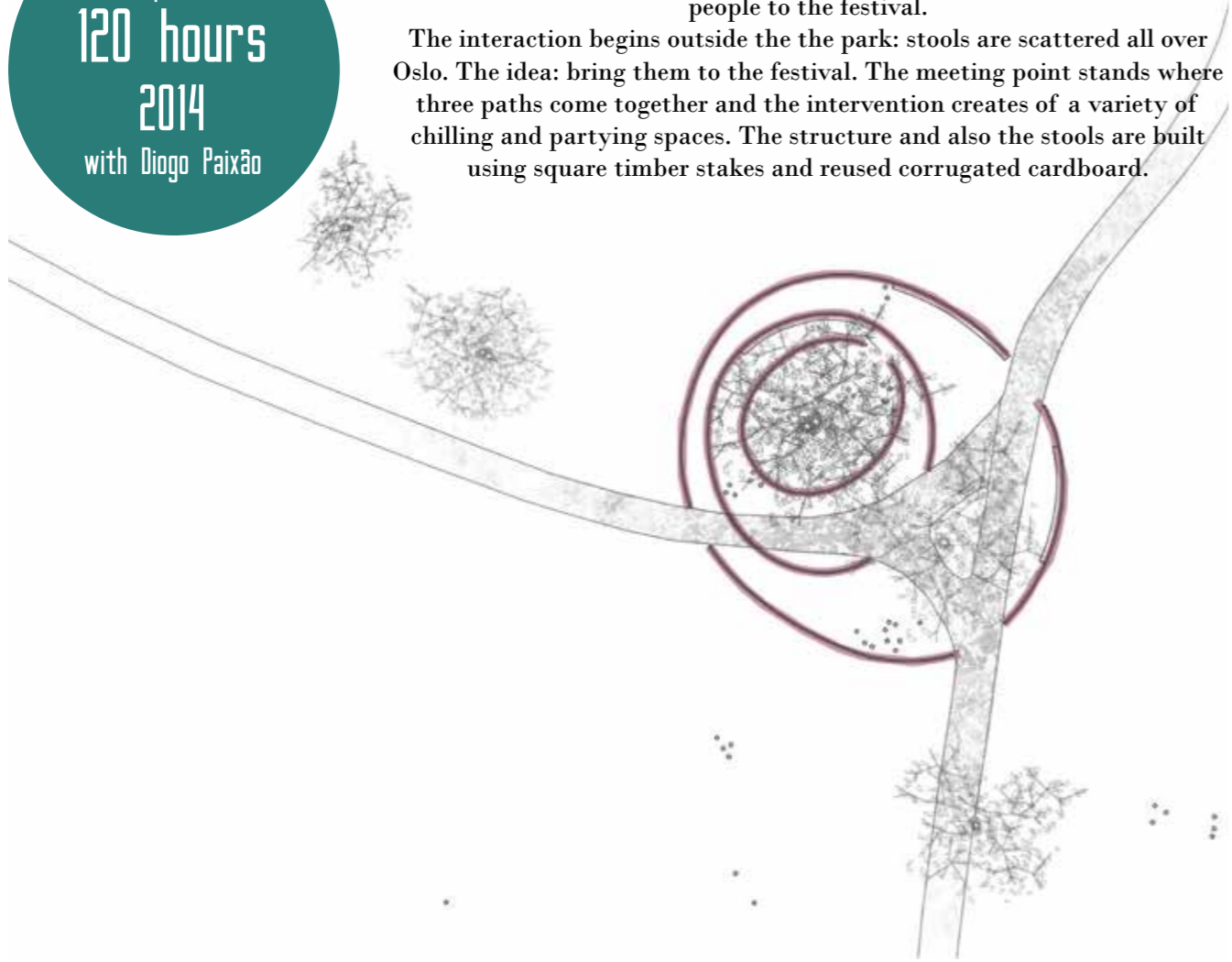


view of the entrance and model making room

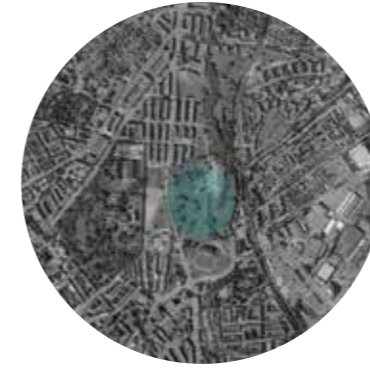
competition
120 hours
2014
with Diogo Paixão

The project operates in a double base: take the festival to the city and the people to the festival.

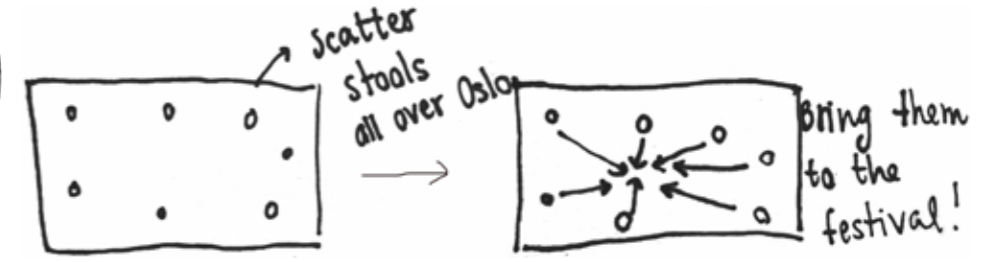
The interaction begins outside the the park: stools are scattered all over Oslo. The idea: bring them to the festival. The meeting point stands where three paths come together and the intervention creates of a variety of chilling and partying spaces. The structure and also the stools are built using square timber stakes and reused corrugated cardboard.



floor plan of the intervention in the festival's area

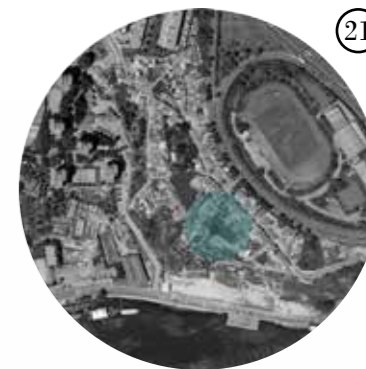
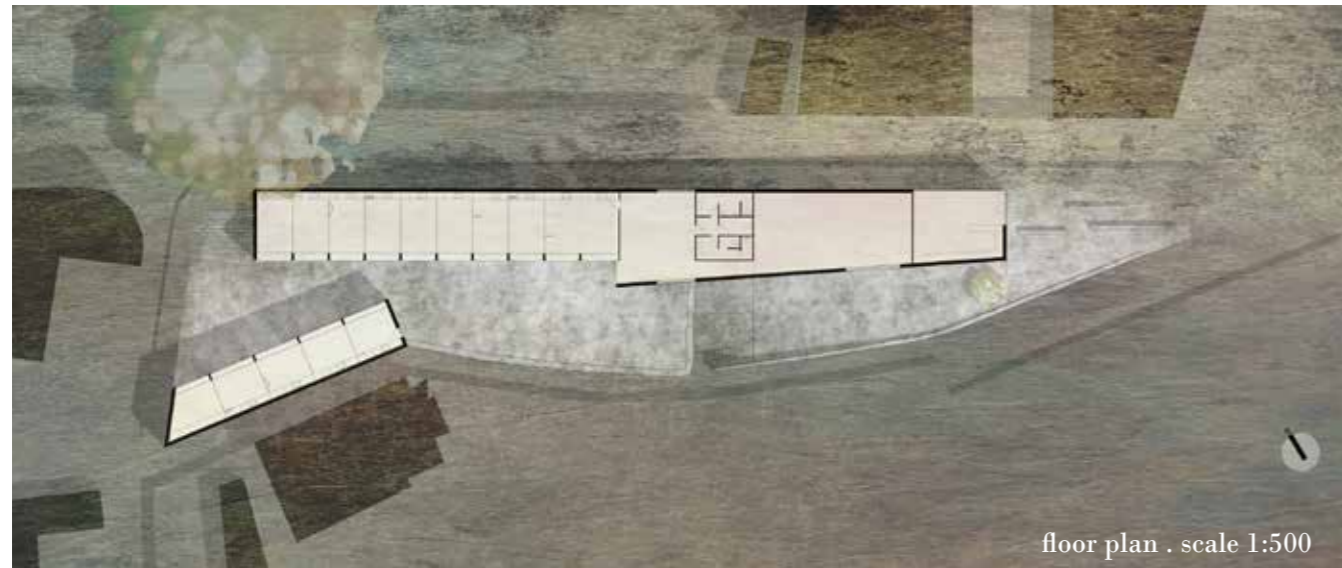
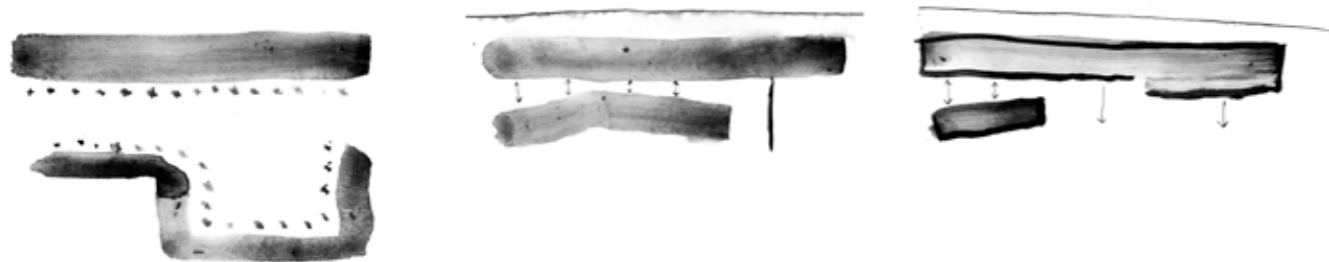


Oslo, Norway

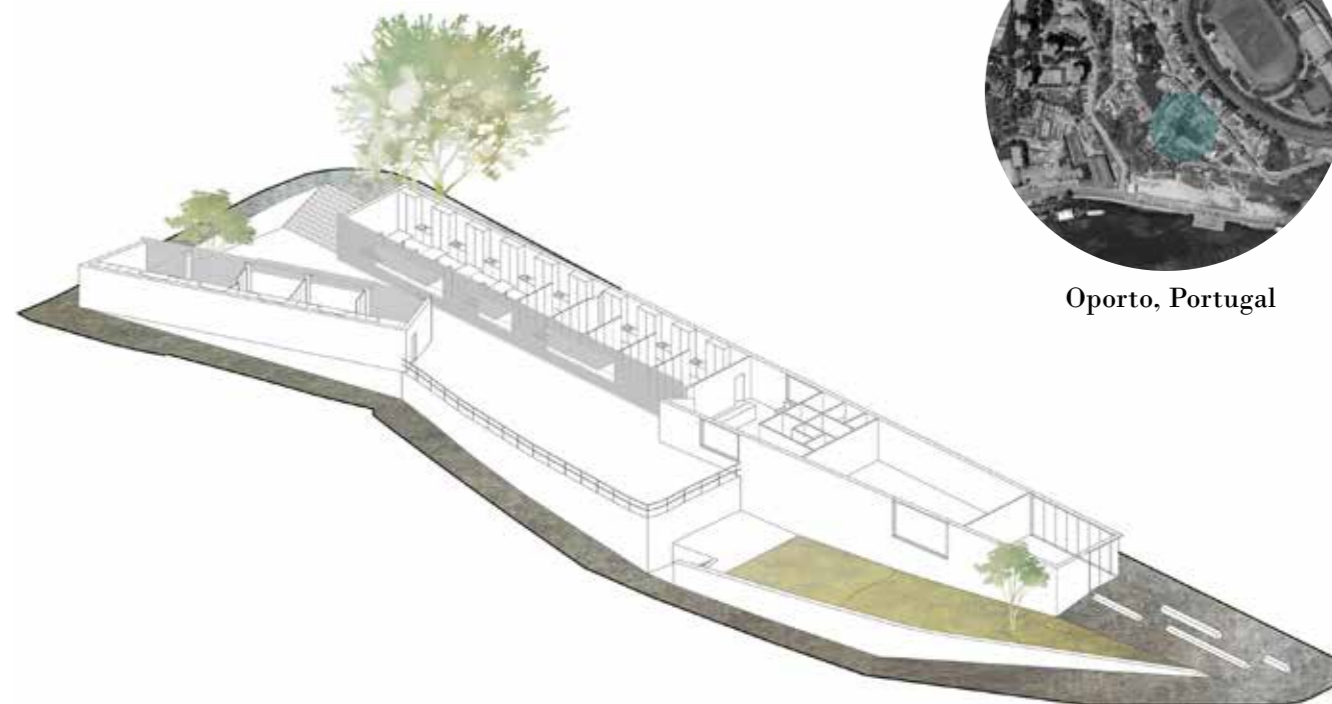


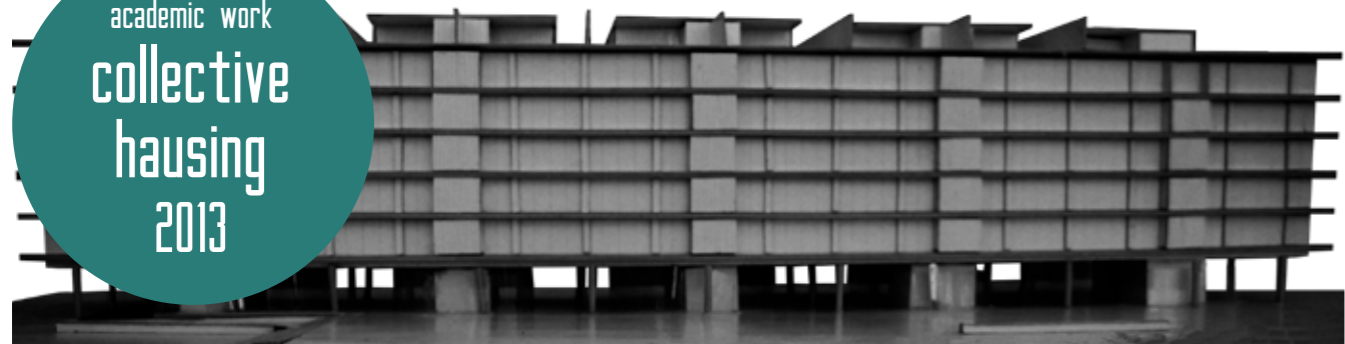
competition
GO!VOS
 2013
 with Diogo Paixão
 and Sara Martins

The proposal lives from the site – an intersection of paths and ways that materialize in the concept of the greek stoa. A space that works as an attractive pole and also as a market that promotes the interaction and exchange of experiences and knowledge. The program creates self-employment and enriches the public space. It is also intended for the proposal to take advantage of the characteristics of the site and use it as a lookout over the city.

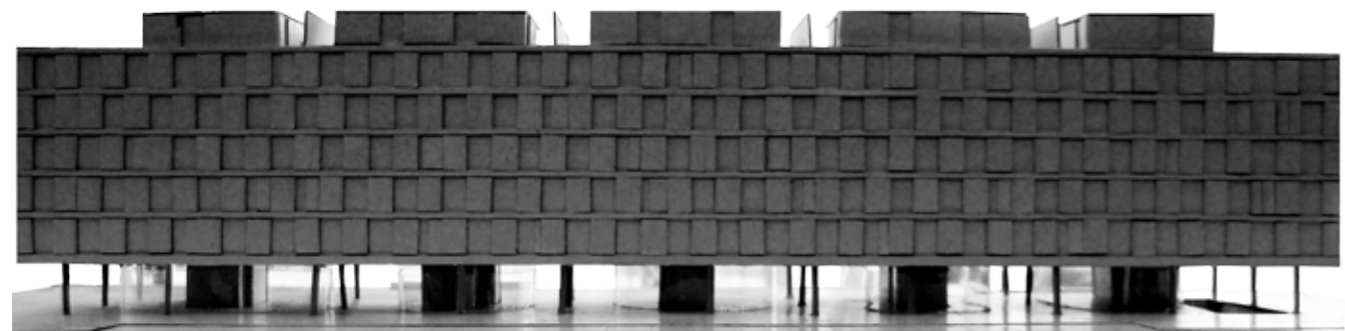


Oporto, Portugal





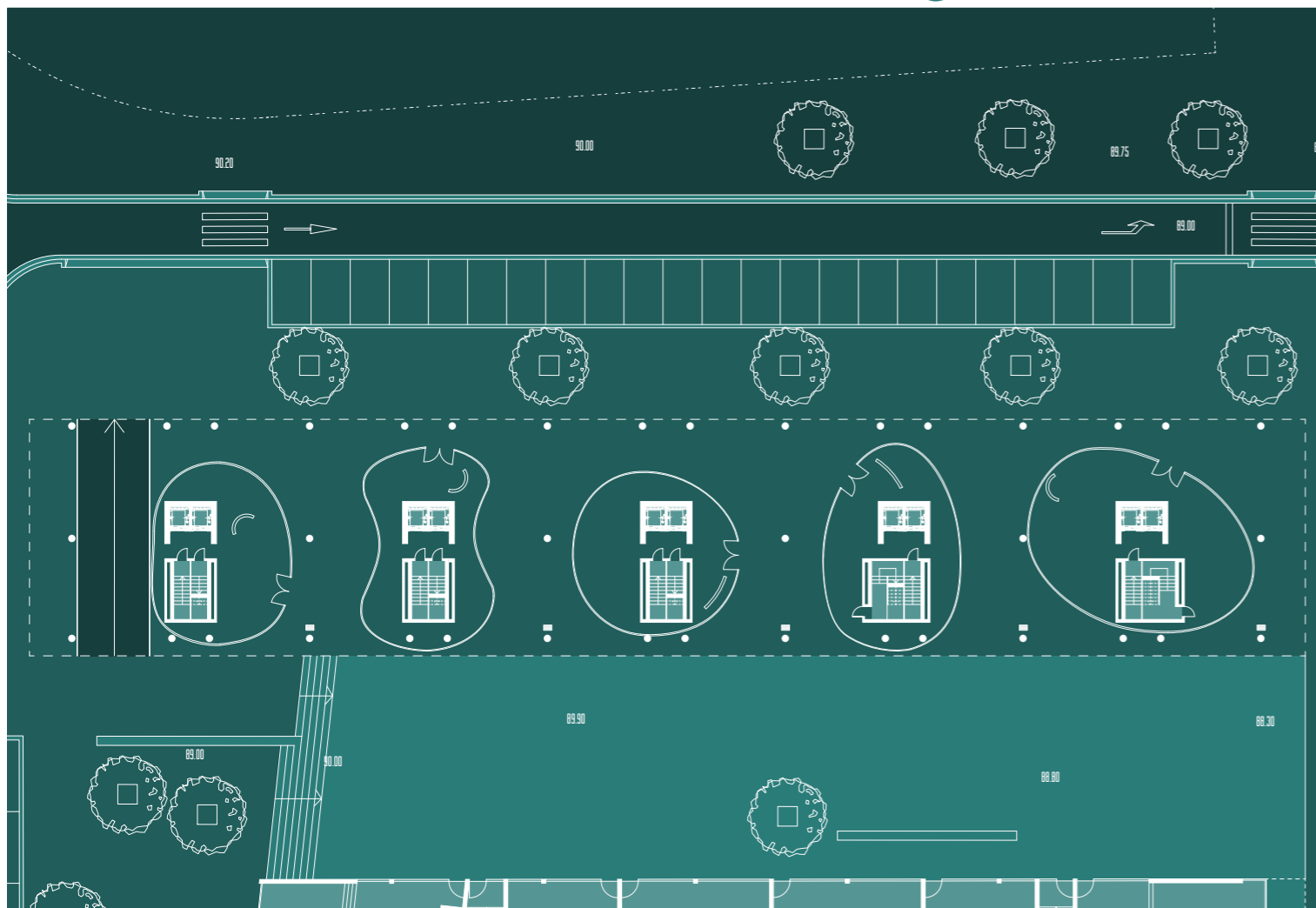
north facade



south facade

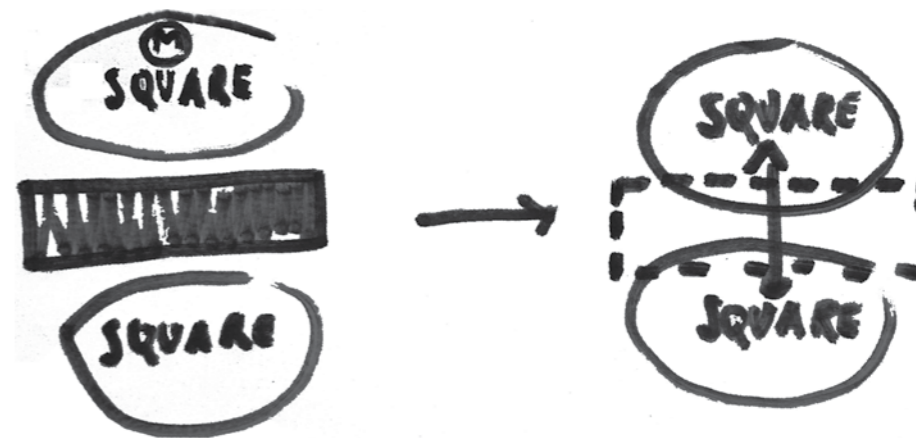
asphalt granite stone granite cube exposed concrete

ground floor plan . scale 1:500



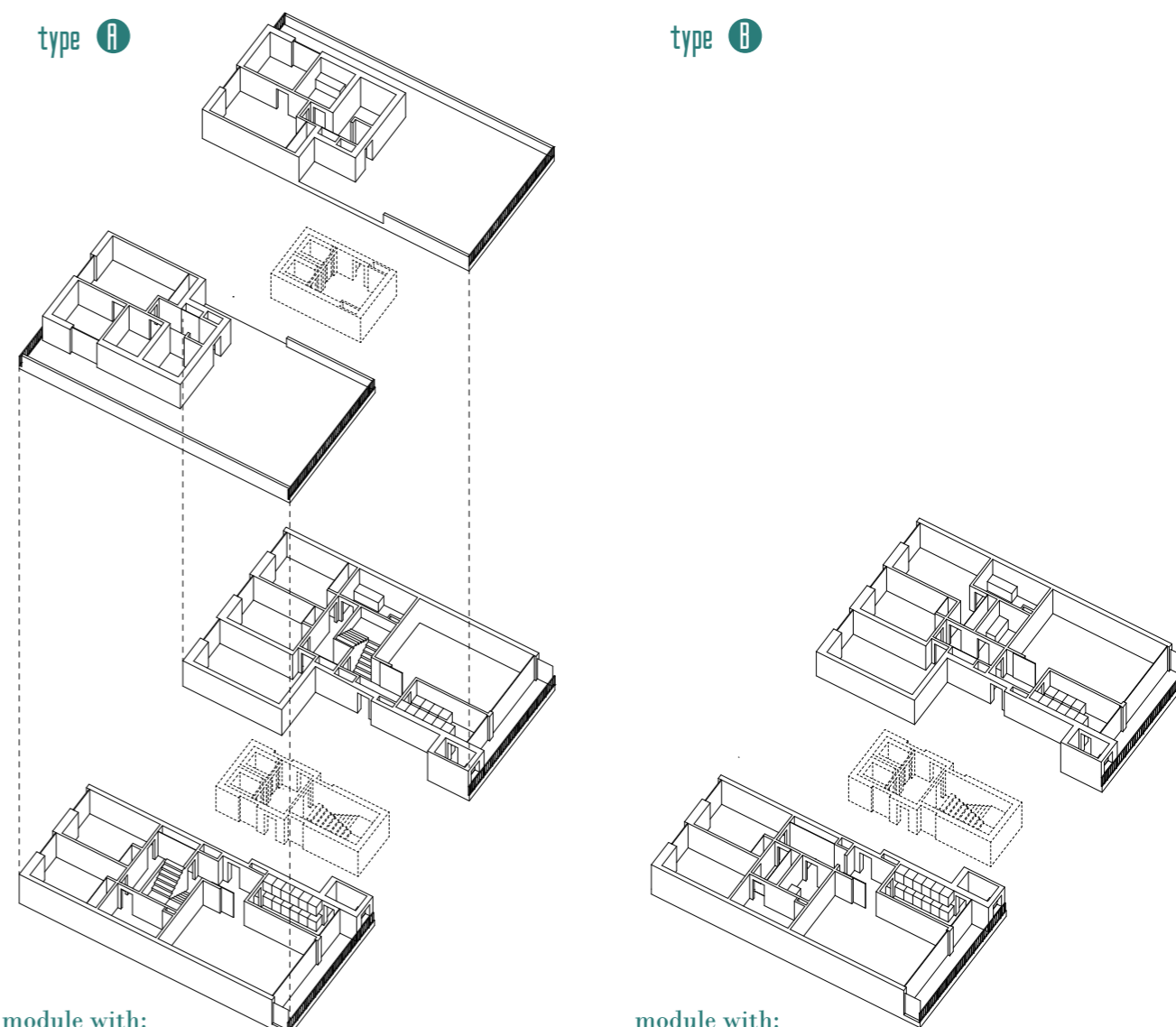
Oporto, Portugal

The shape and characteristics of the building find their meaning in the context in which it inserts itself. The ground floor works as a mediation space between the metro station, north, and the square, south. The facades try to reveal discipline and coherence and not only the direct translation of the inside necessities. The development of the constructive details of all this ideas also took a big part in defining a more concrete building.



type A

type B



module with:
three bedrooms flat (duplex)
+ four bedrooms flat (duplex)

module with:
two bedrooms flat
+ three bedrooms flat

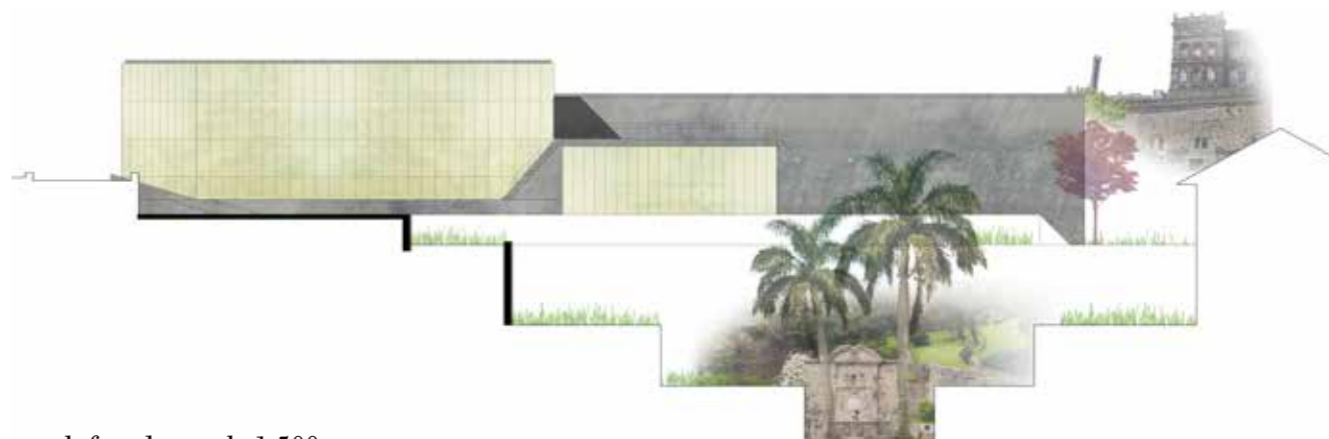


The two volumes elevate themselves from the square valuing not only the relation with each other but also drawing the exterior space. The project tries to establish a strong relation with the site in which it implants and also improve it. The articulation with the “Jardim das Virtudes” was also a very studied aspect.

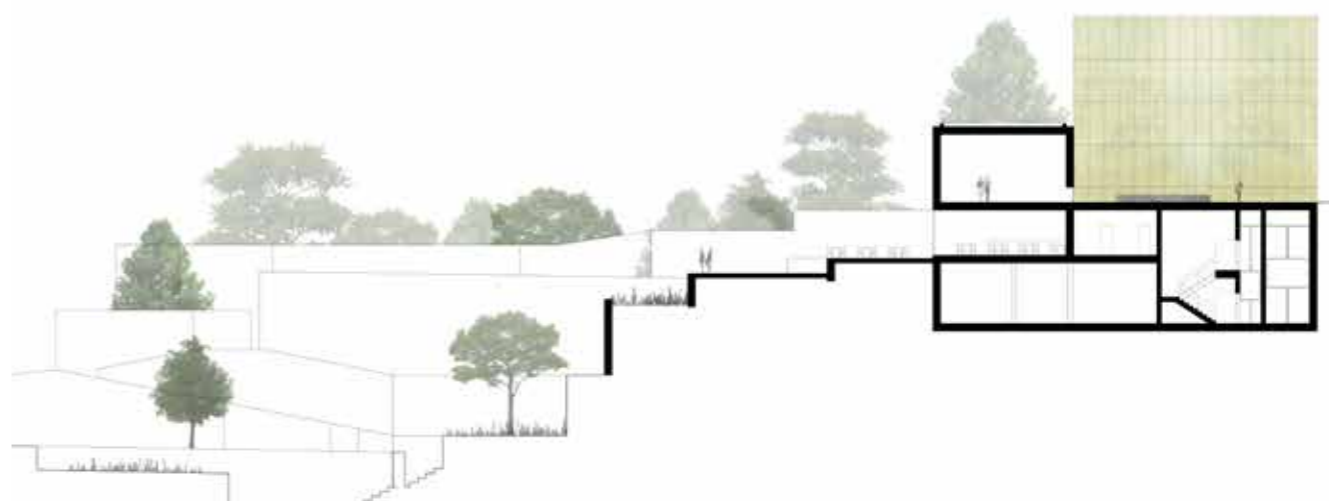
Oporto, Portugal



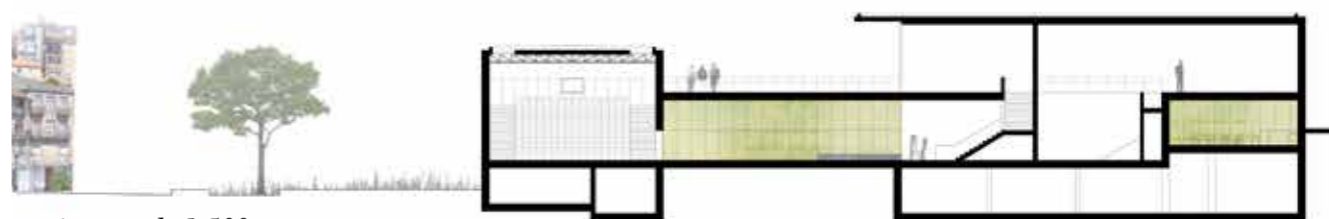
east facade . scale 1:500



south facade . scale 1:500



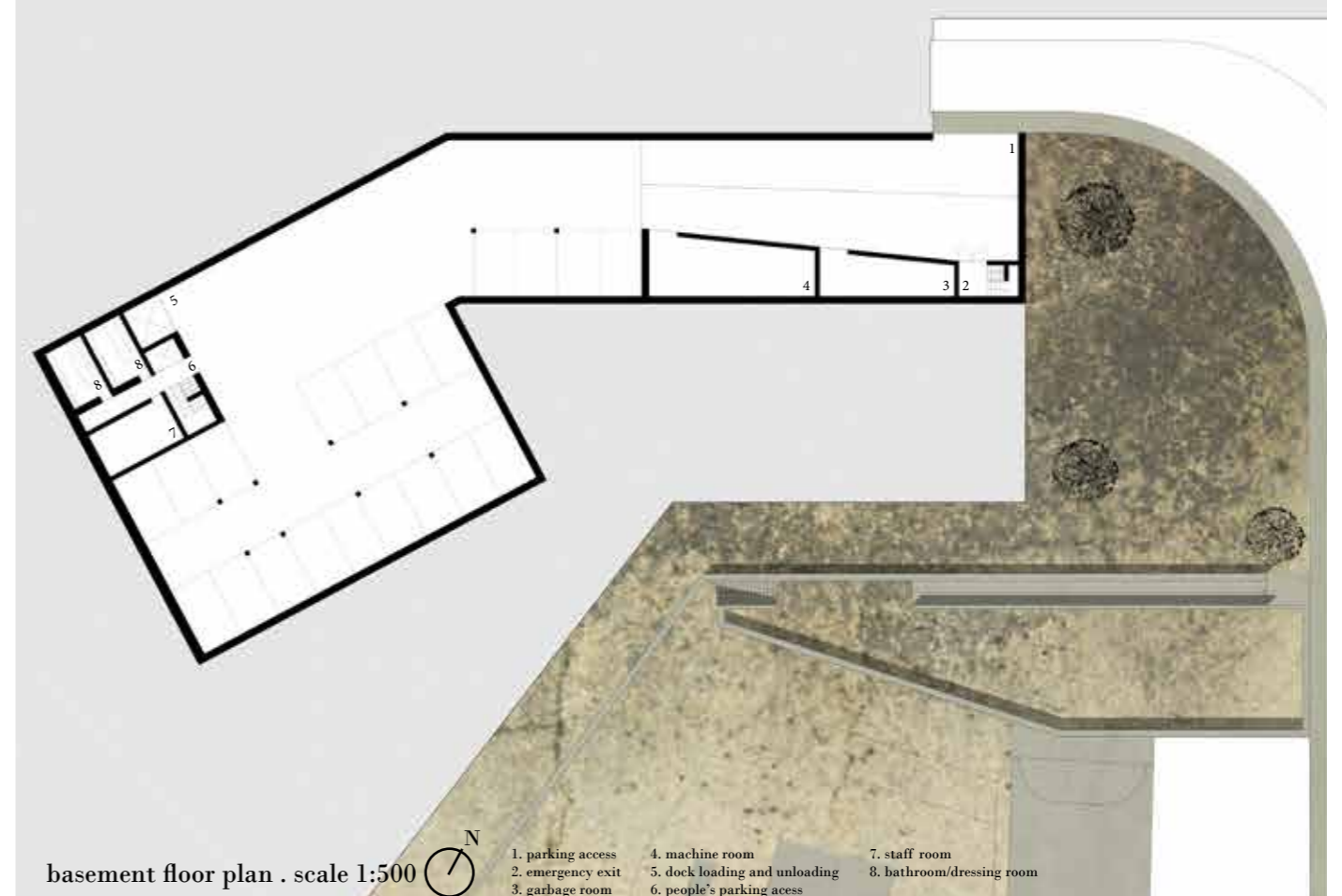
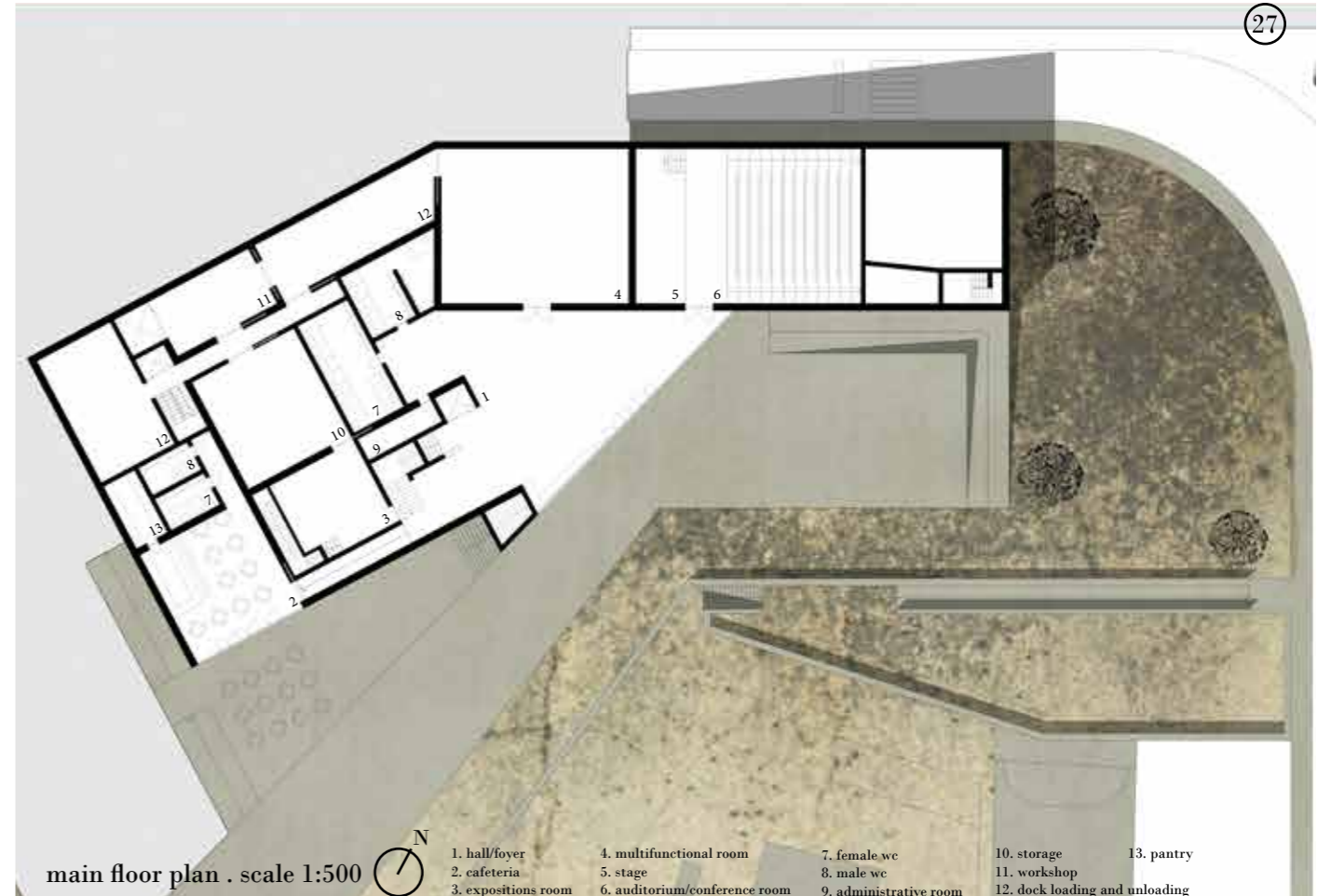
section . scale 1:500



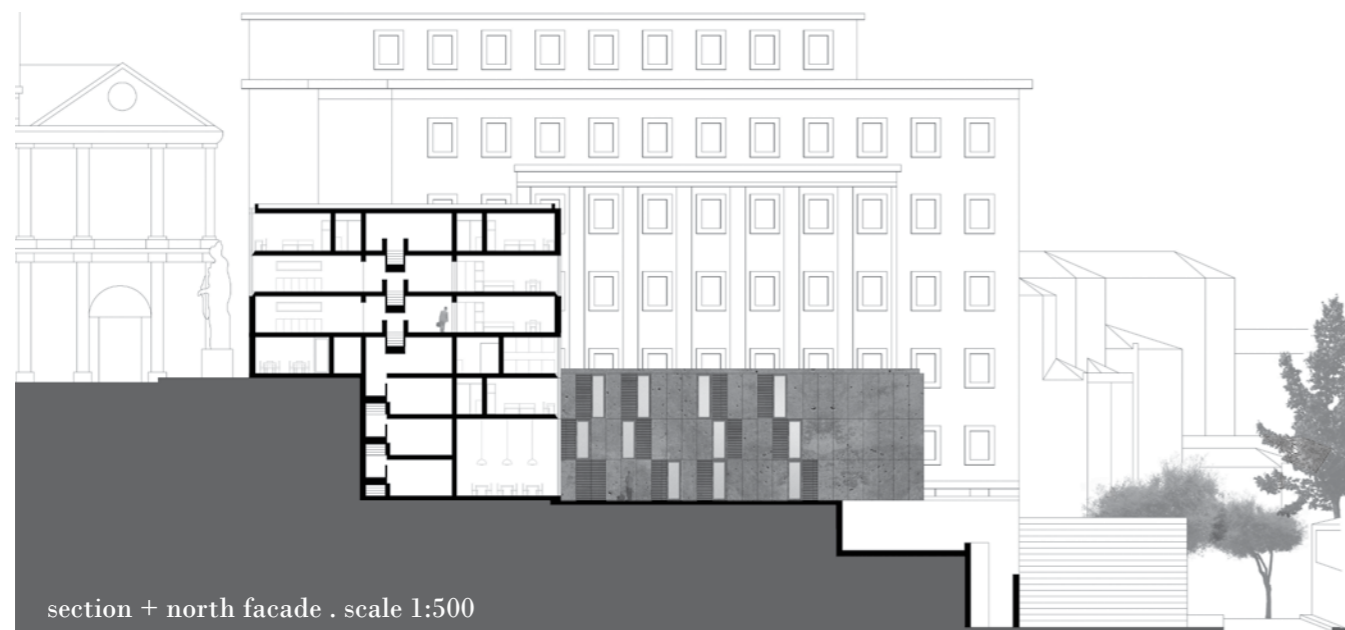
section . scale 1:500



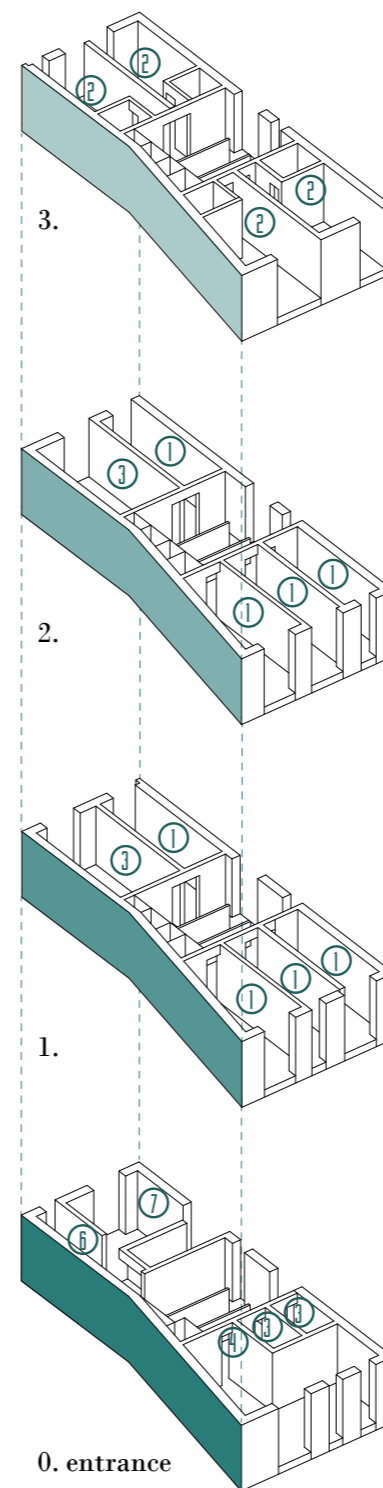
view of the expositions room



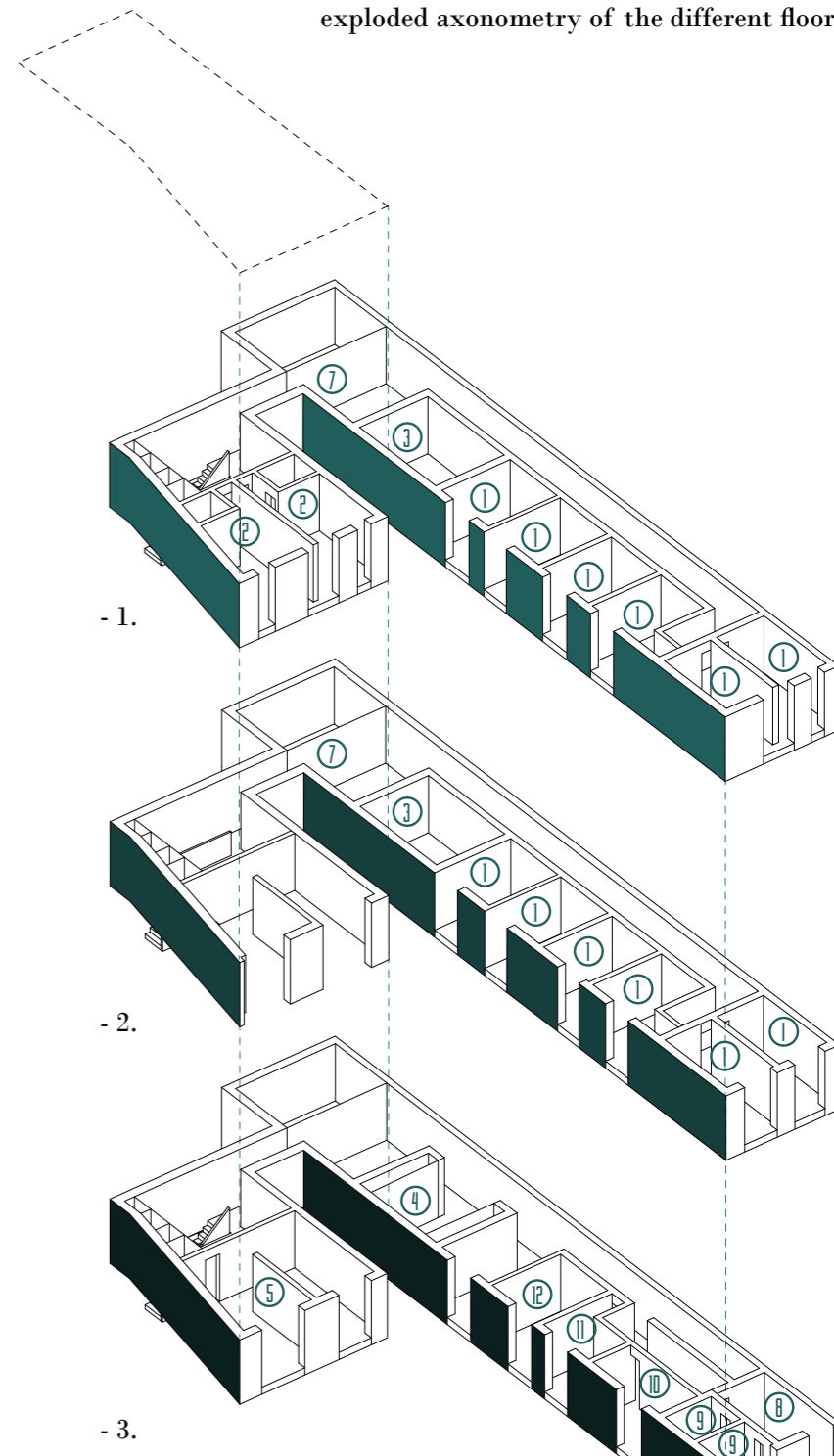
This project was conceived at the same time as the Cultural Centre and their locations are nearby. The main characteristic of the site is the huge difference between the heights of the two streets that form the boundaries of the residence. This difference was solved with the creation of two volumes, distinguished in terms of room types and each one articulated with a different street, and including a public path that connects the two streets.



Oporto, Portugal

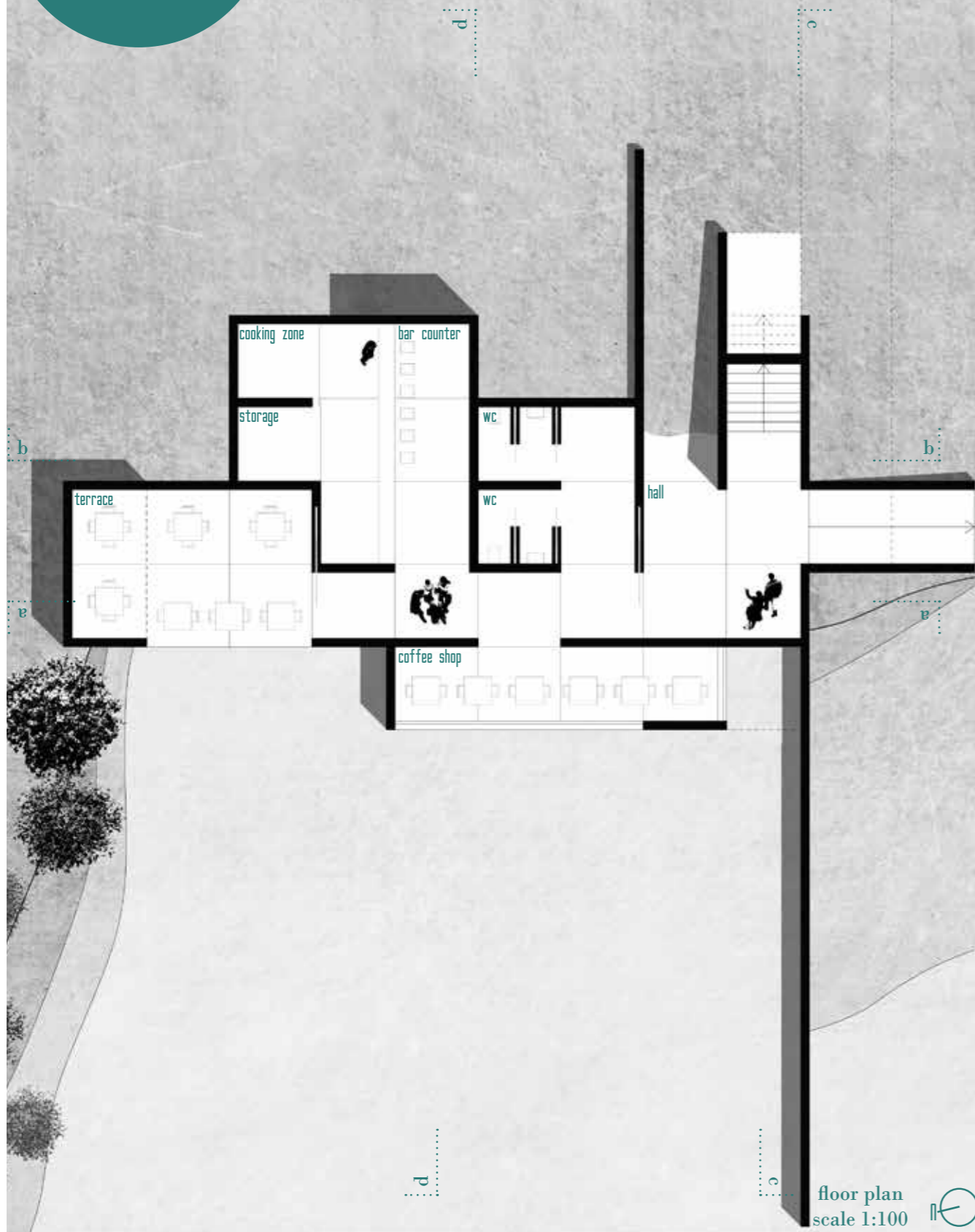


- ① single room ② double room ③ bathroom ④ kitchnette ⑤ study room ⑥ entrance
- ⑦ foyer ⑧ staff room ⑨ dressing room ⑩ laundry ⑪ garbage room ⑫ machine room



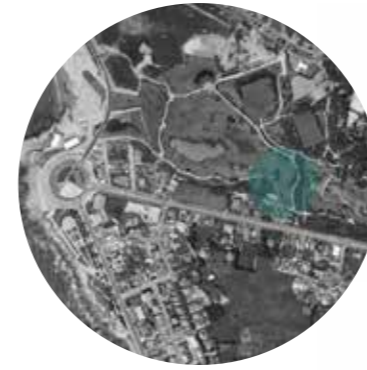
academic work
cafeteria
2011

The unique site of this project with no buildings in the surroundings and deeply inserted in the middle of the Oporto's City Park was quite an interesting challenge. The concept was to exalt the nature and to qualify the interior spaces through the relation that they establish with the outside, a relation that is different from space to space.

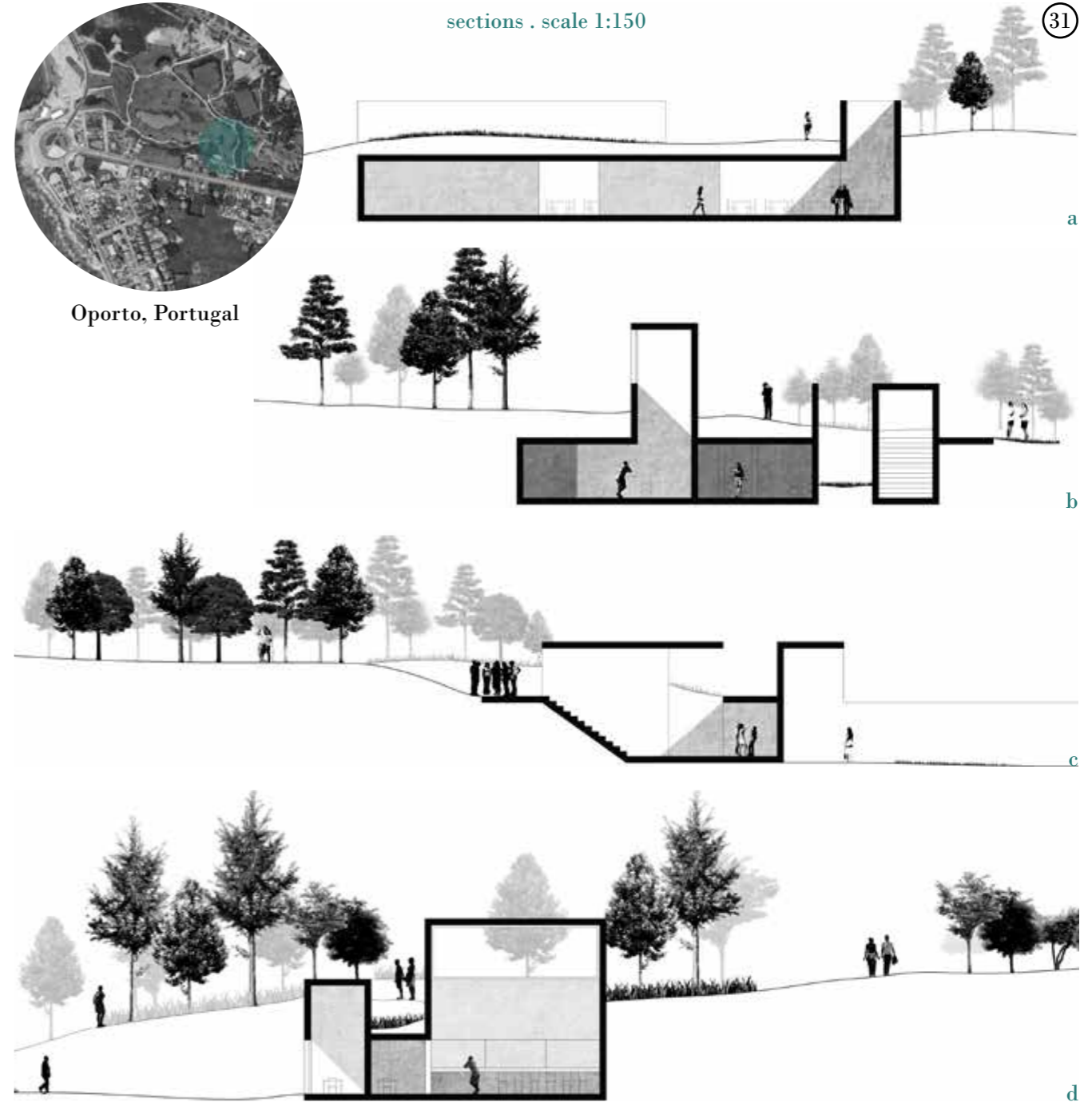


floor plan
scale 1:100

sections . scale 1:150



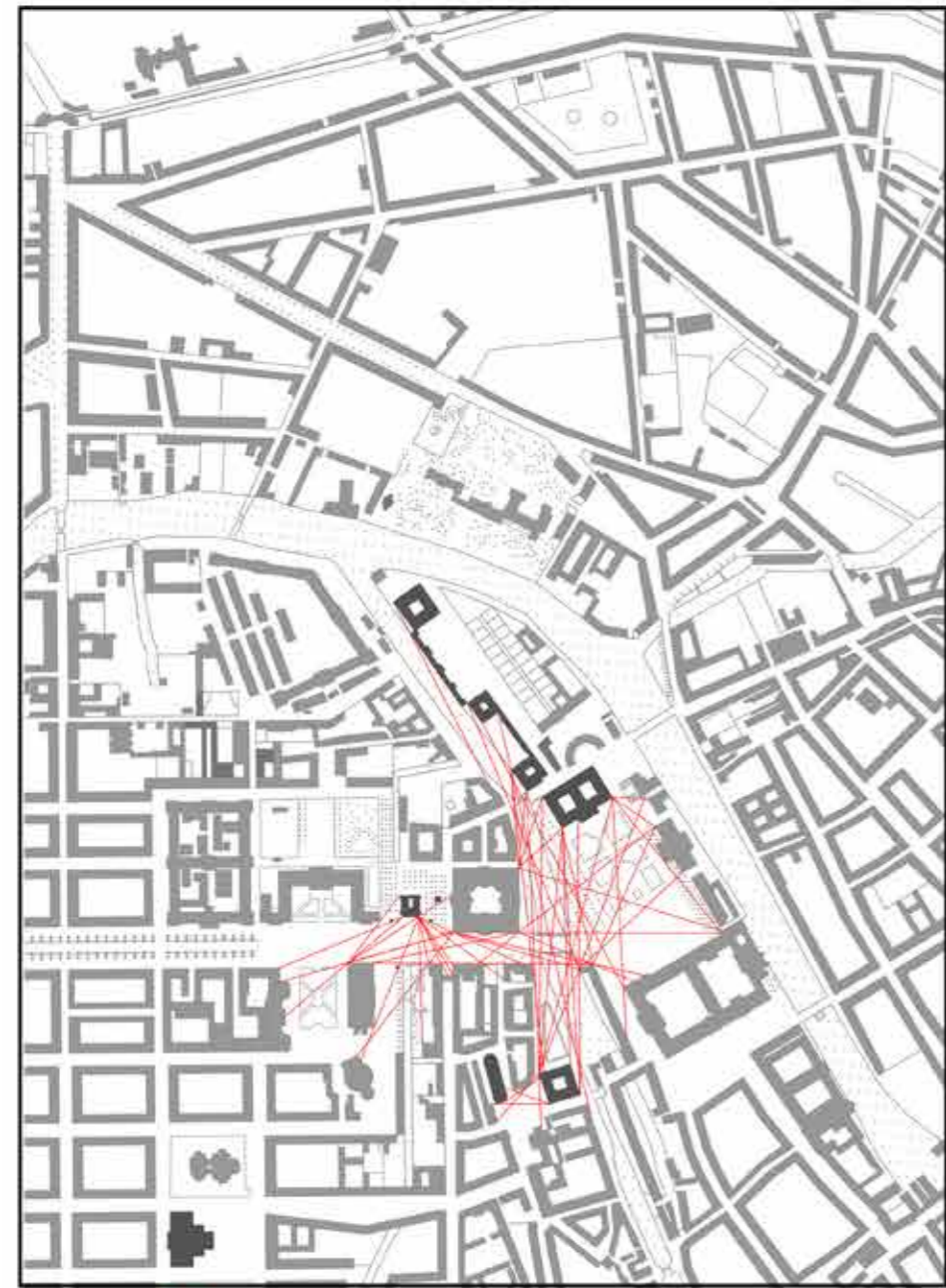
Oporto, Portugal



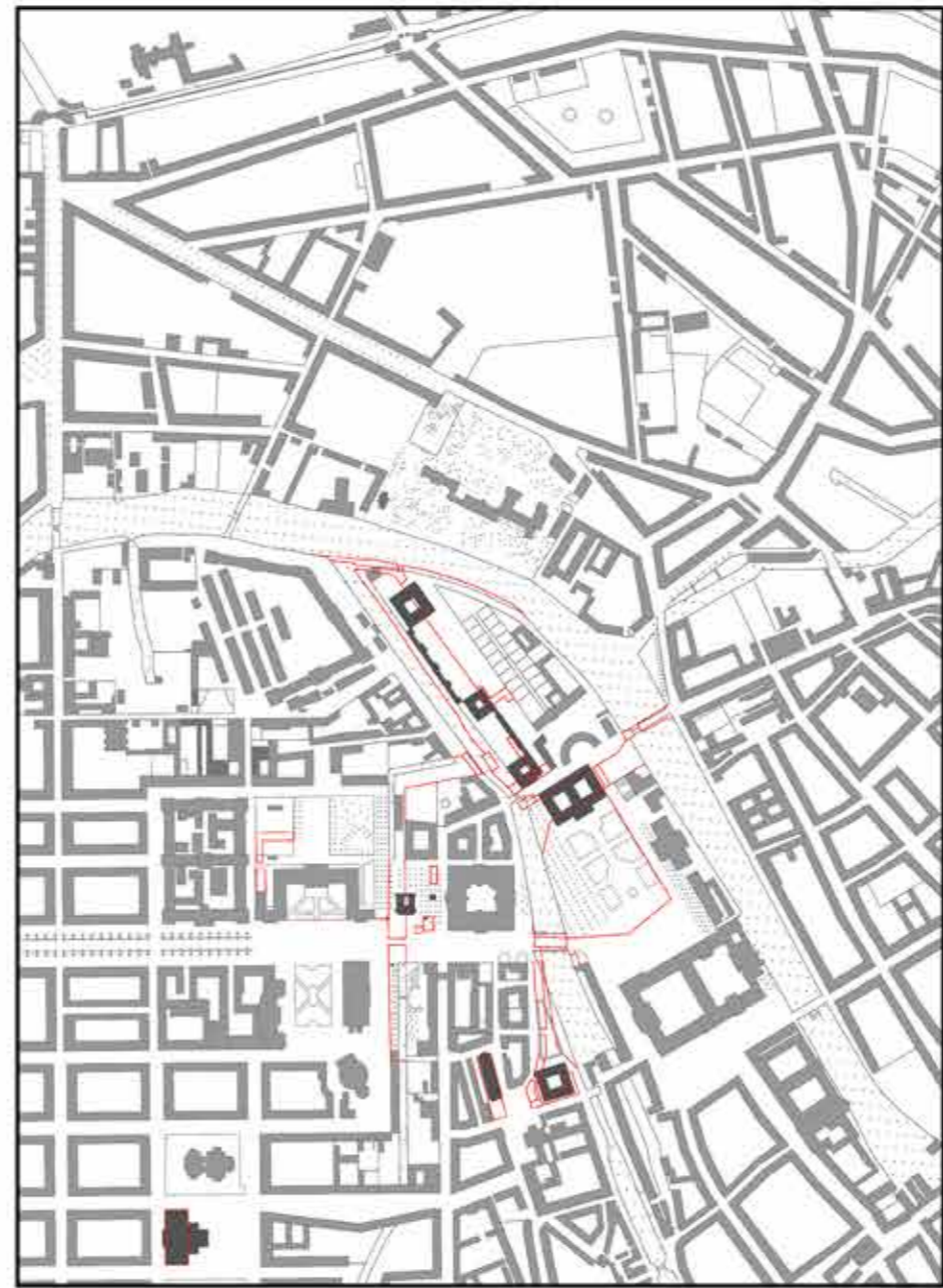


Eduard Gaertner, 1835. Panomara von Berlin

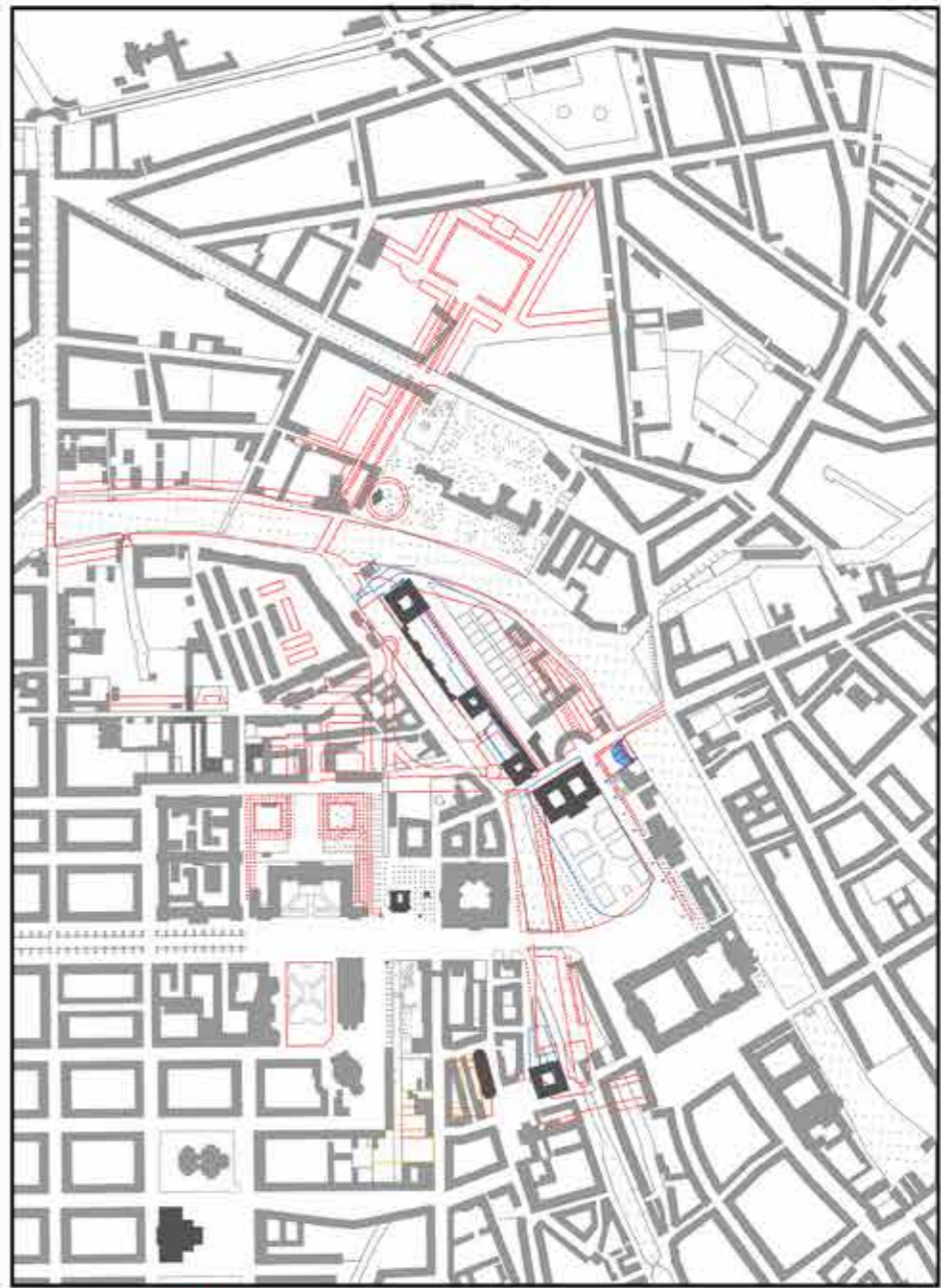
Schinkel's Berlin: analysis



0 50 100 m
 ■ analysis of the visibilities



0 50 100 m
 ■ Schinkel's buildings
 ■ changes and demolitions due to Schinkel's buildings



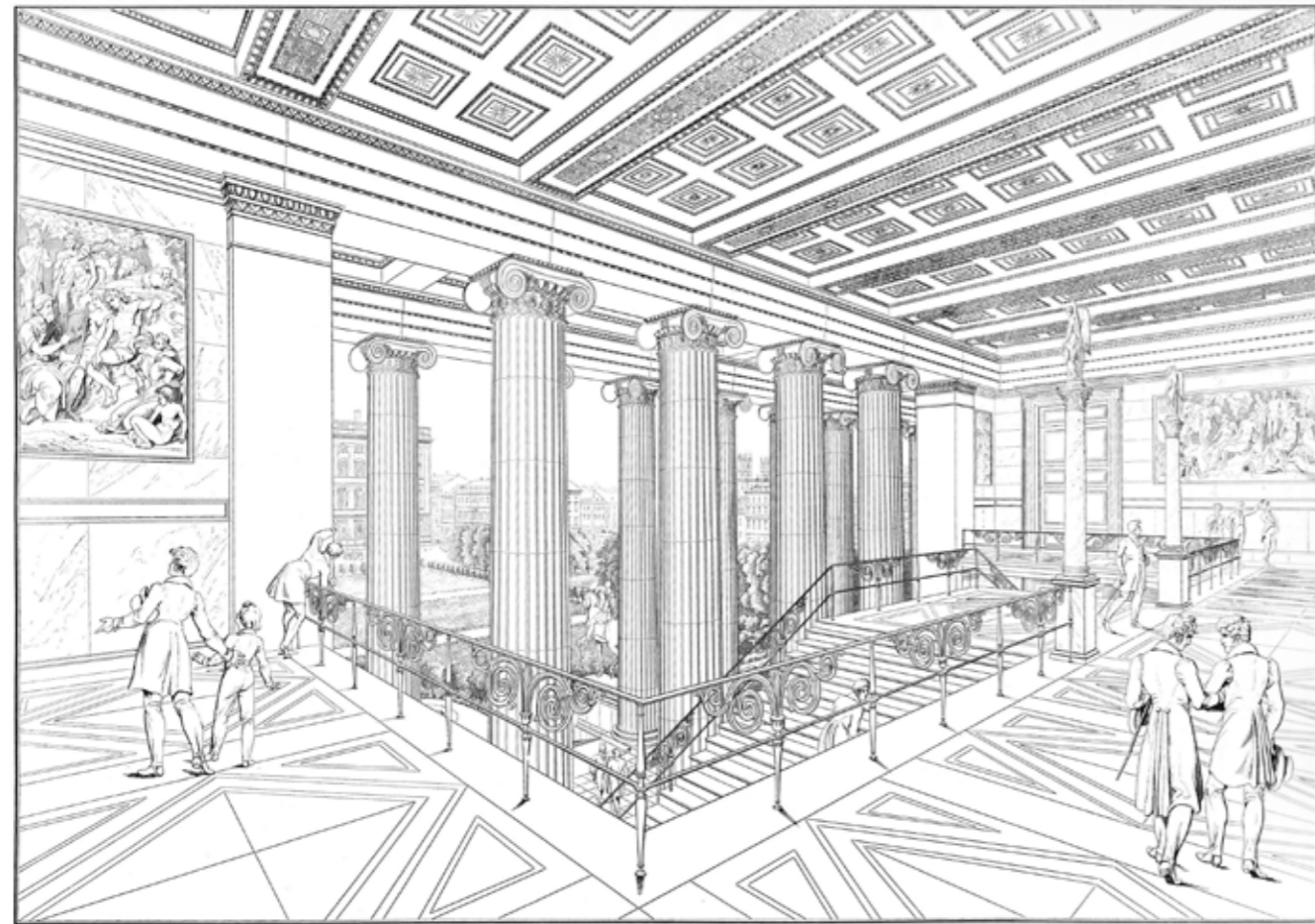
0 50 100 m
 ■ plan of 1817
 ■ plan of 1823
 ■ plan of 1831

In today's image of Berlin, there is still an indelible mark of Karl Friedrich Schinkel (1781-1841). His buildings have significantly shaped the image of Berlin and have deeply contribute to the construction of Berlin's history, according to a concept of city as a built-in relationship between architecture and urbanism and that still answers to the social circumstances.

This work focuses on the study of Schinkel's legacy primarily regarding the urban aspects of the buildings. Understanding the reasons and the consequences of the transformation of Berlin by Schinkel implied the deconstruction of the city. Schinkel's works and his interpretation of the city are tied together to a specific urban and social context – a time of changes driven by the industrial revolution.

But the legacy of Schinkel goes far beyond his architectural interventions. To apprehend his work it is necessary to understand his concerns with the methods and concepts. His commissions are used to develop more ambitious plans with goals far beyond the functional and esthetical aspects. It is important to refer his plans of 1817, 1823 and 1831 as in to understand Schinkel's urban planning and architectural work. These plans are essential to perceive the architectural interventions and to explain that even with little resources it is possible to intervene with intelligence and efficiency and that small transformations can have big consequences.

Revisiting the legacy of Schinkel allows us to understand the specific situation of Berlin at the beginning of the 19th century and compare it to the result of a long process of urban construction reflected in the city's image. The way Schinkel embraced the opportunities, balancing the pragmatic aspects with the conceptual ideas, still inspires architects and urbanists.



"View from the main gallery through the vestibule to the Lustgarten. At the back the corner of the palace and the towers of the Friedrichswerderschen church." From Karl Friedrich Schinkel, 1829 © Schinkel, K. F., 1980. Berlin und Potsdam: Bauten und Entwürfe





web: <http://ritarocha.eu>