

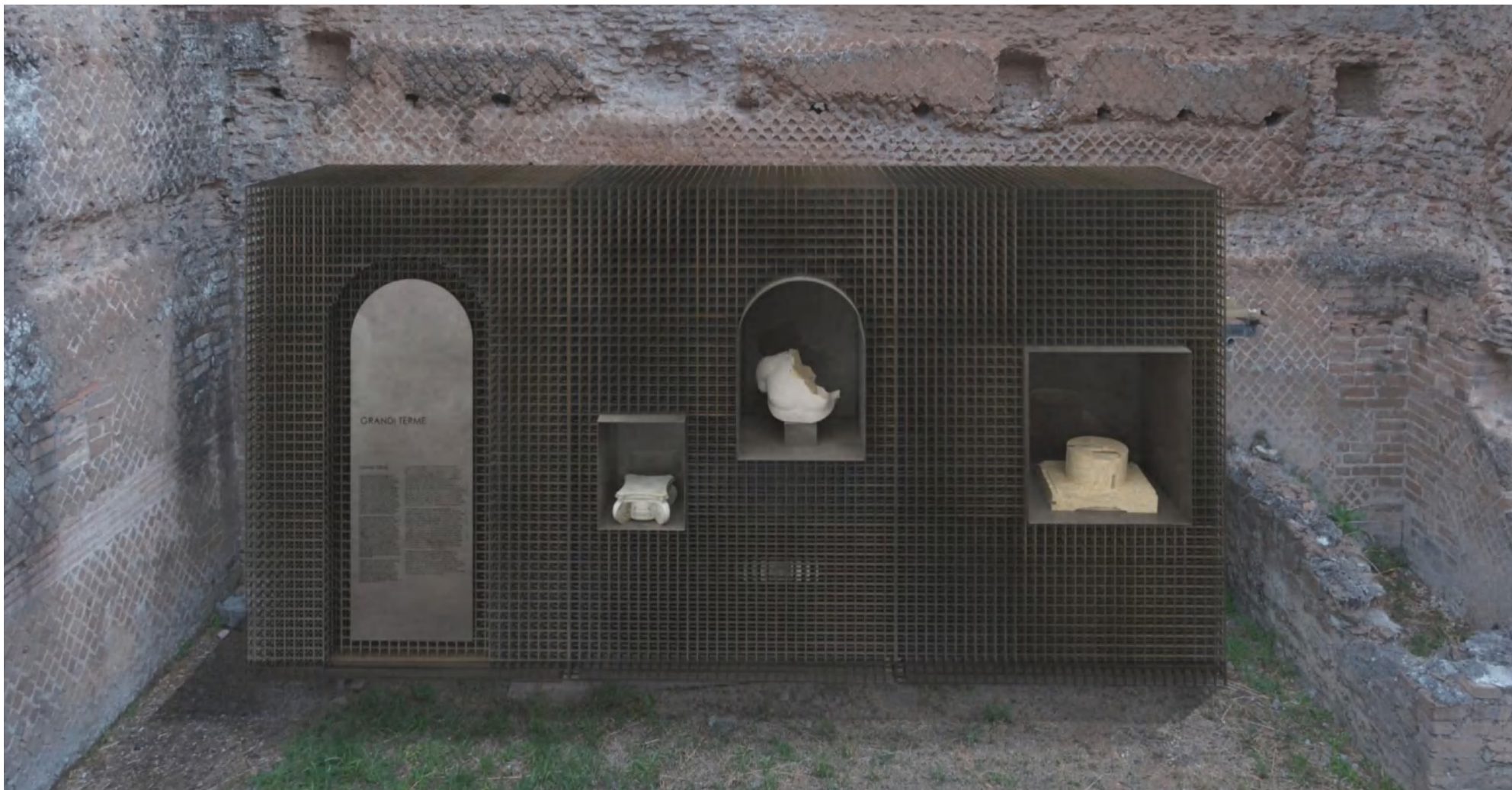
01

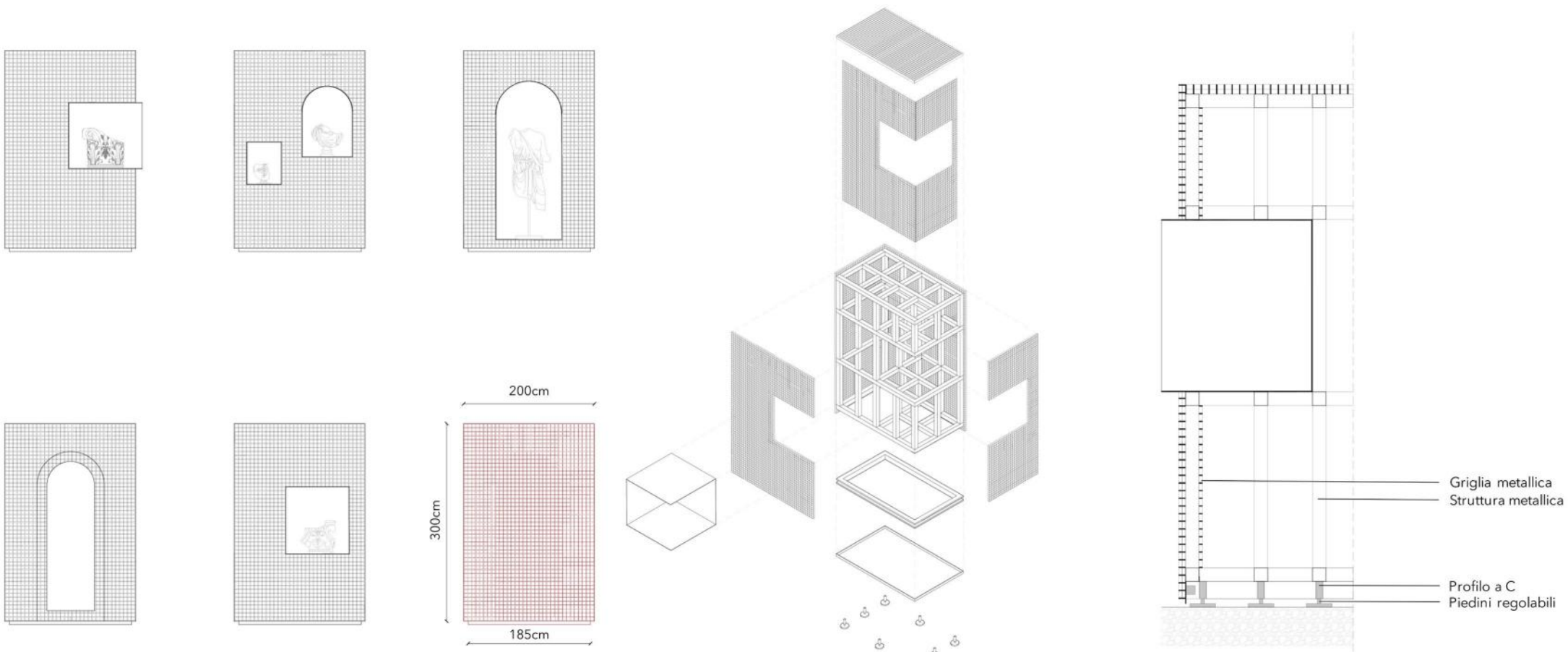
Piraneisi PRIX DE ROME

/ Ruins / Event planning /

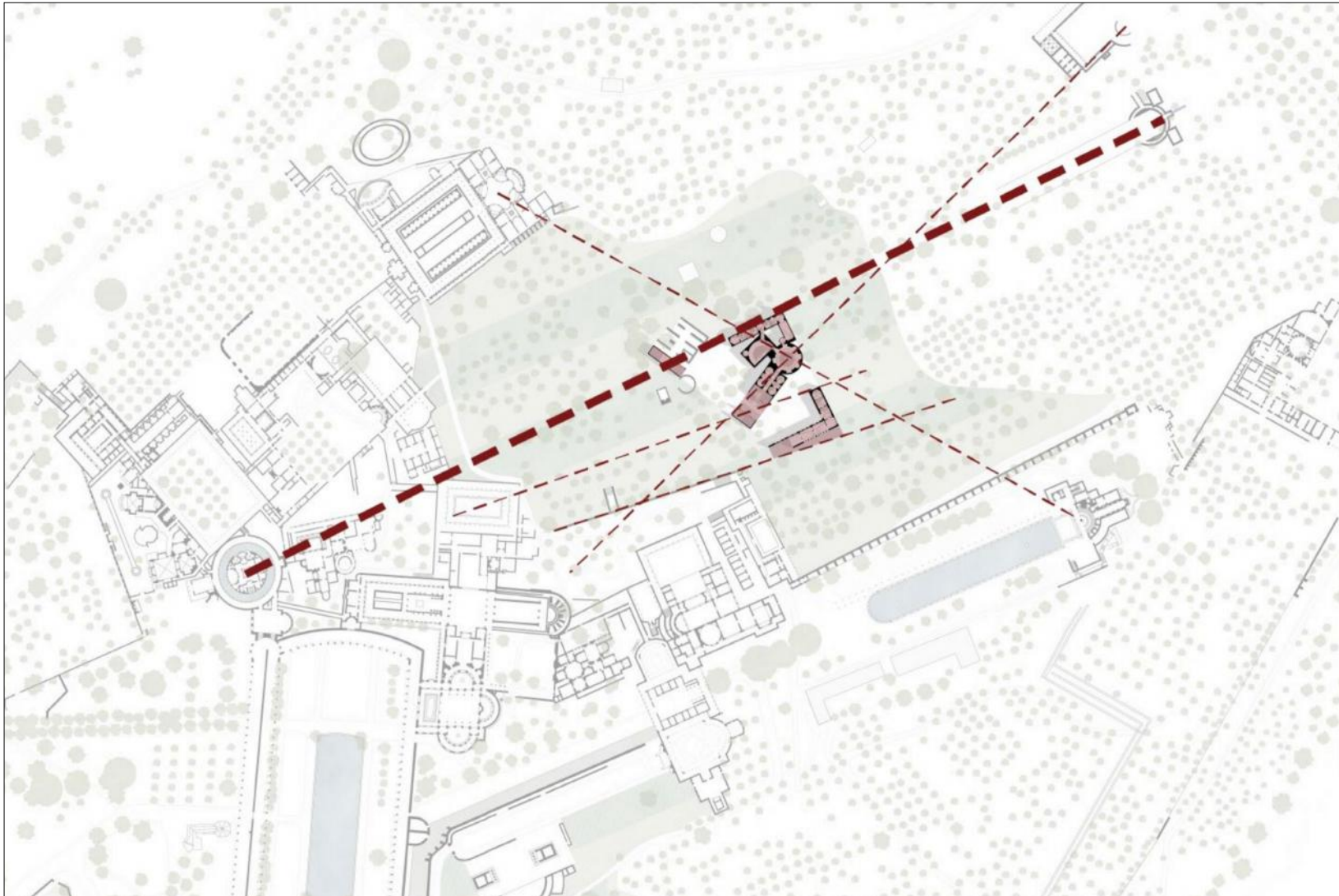


Group work: Maierna Alessia; Bodiya Baduge Amasha; Chen Yining; Locatelli Elisa; Paglinawan Kathrina Mae; Wang Yutong; Yang Yanzhi
Tutor: Paolo conforti, Pier Federico Caliarì 09/2023. Roma, Italy.

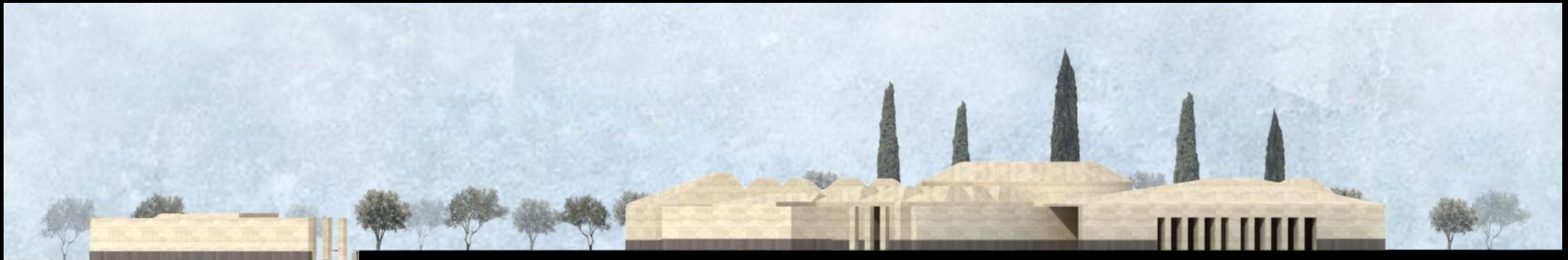
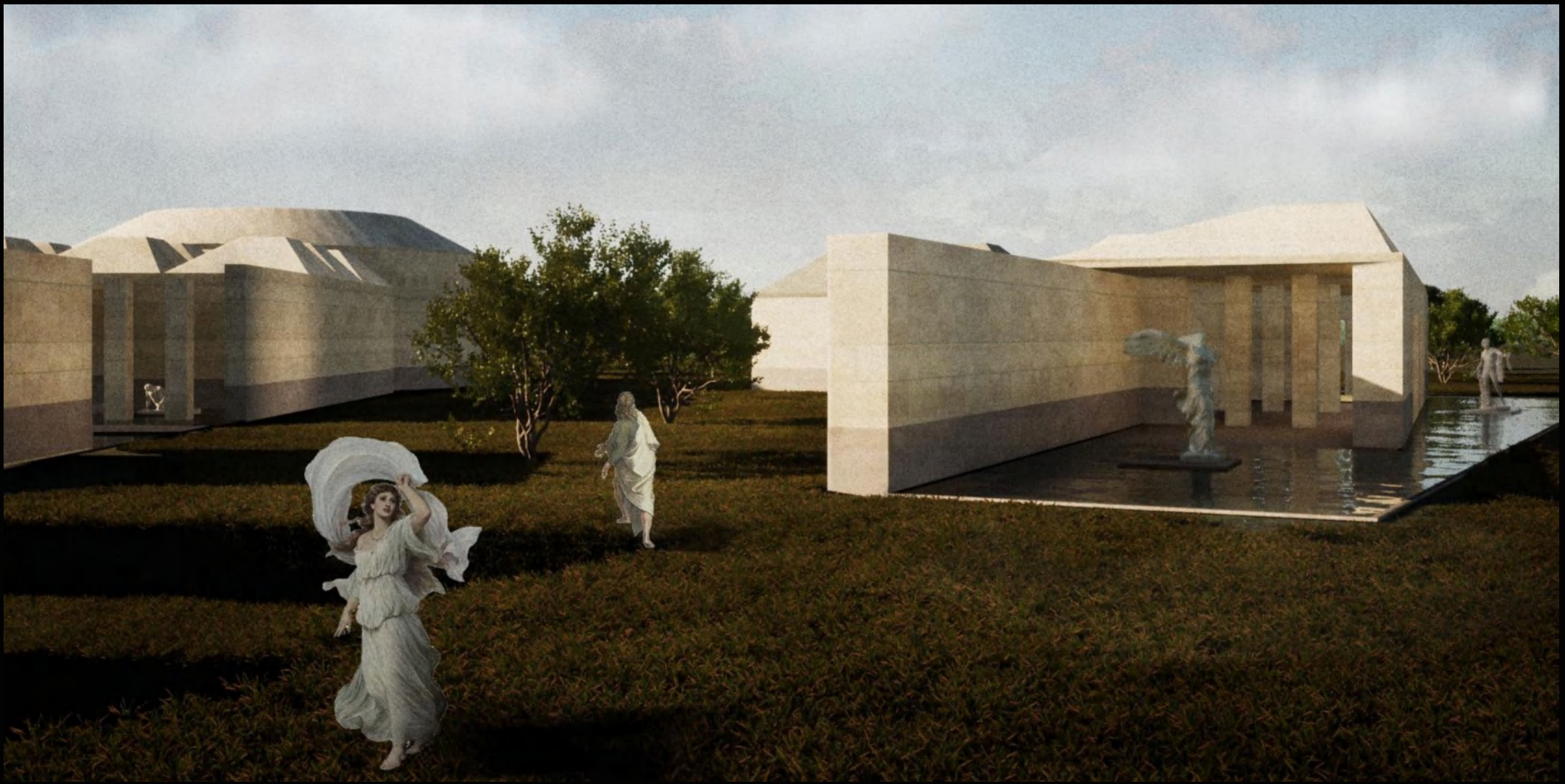


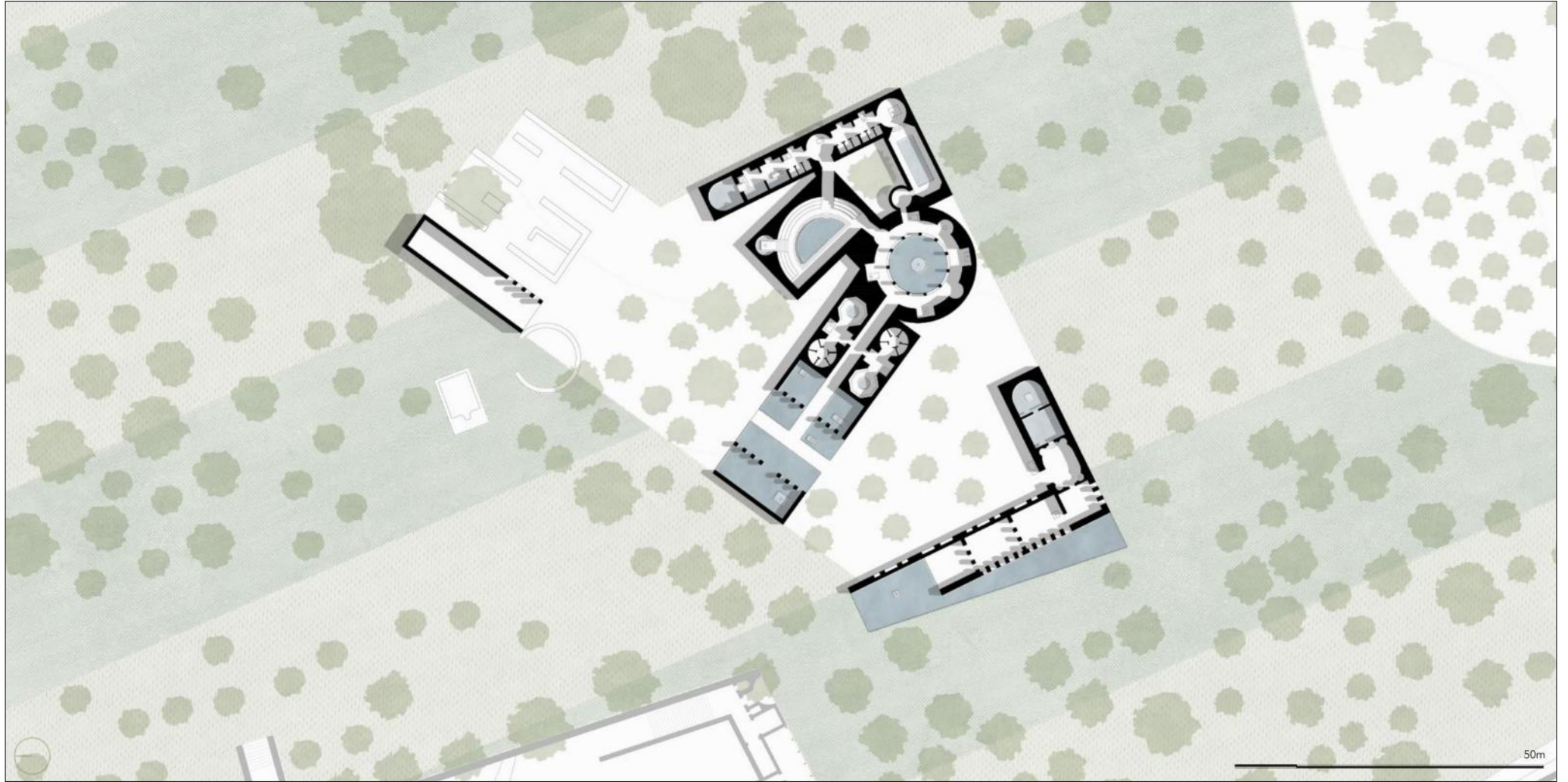


Installation of Stone Ruins, used for Villa Adriana.

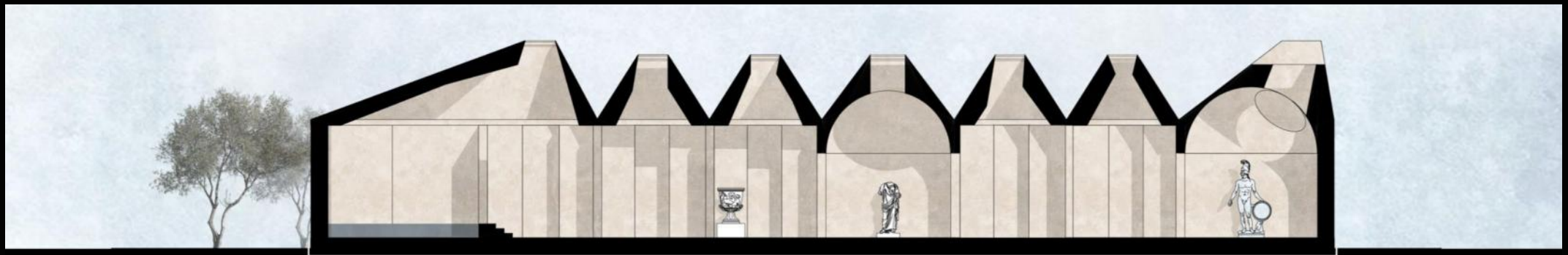
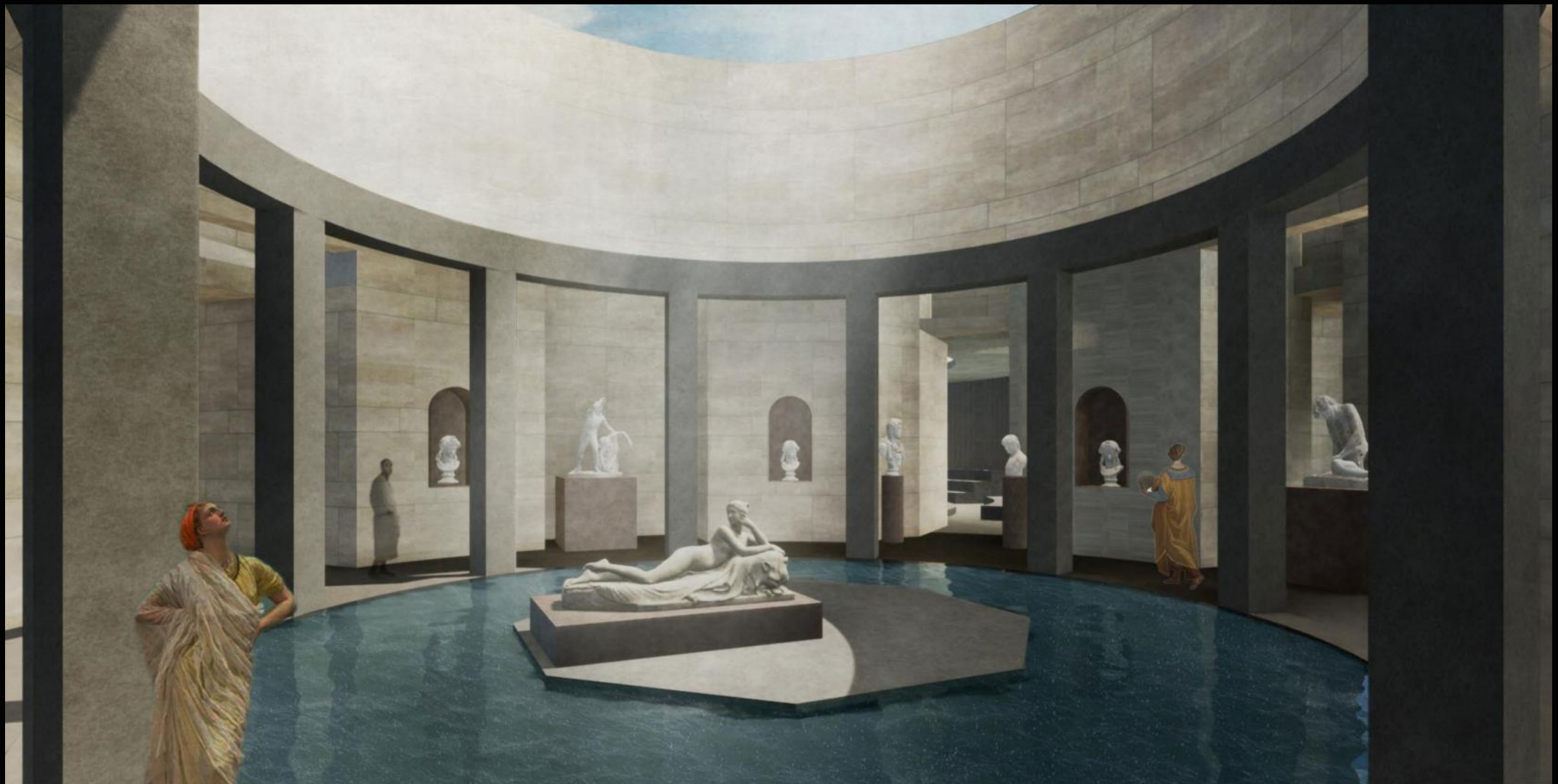


Axis of Thermal Bath





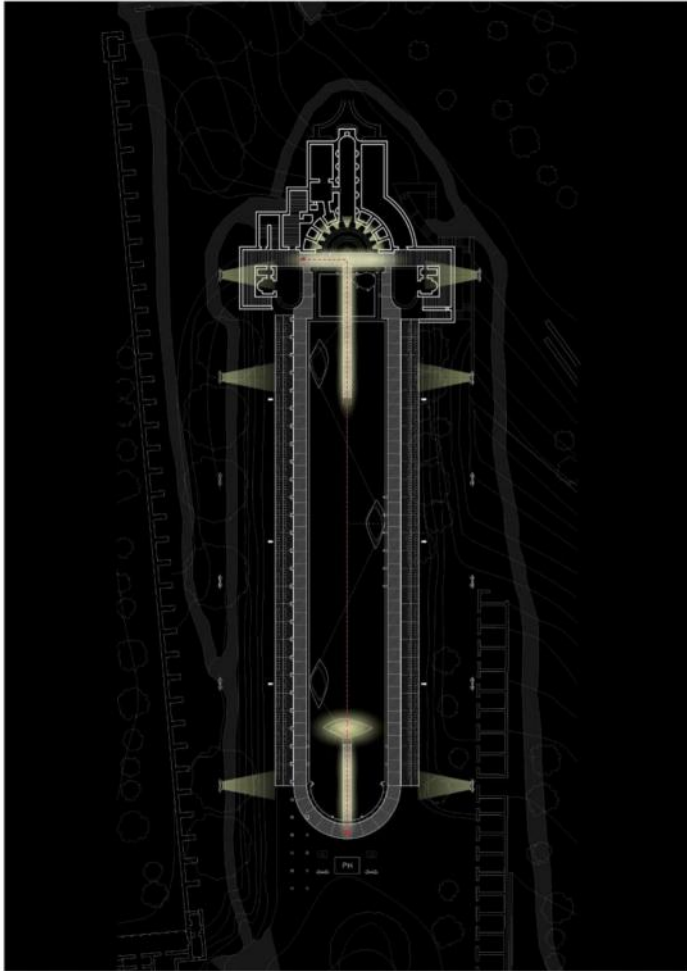
Plan of Thermal Bath



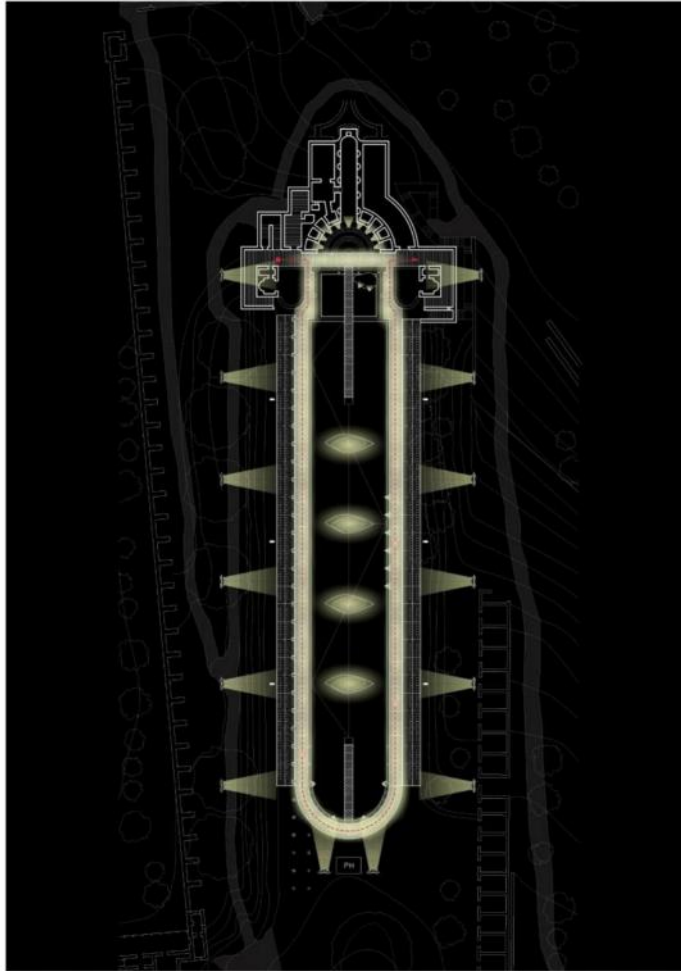
Event Design: fashion show of YSL in canope



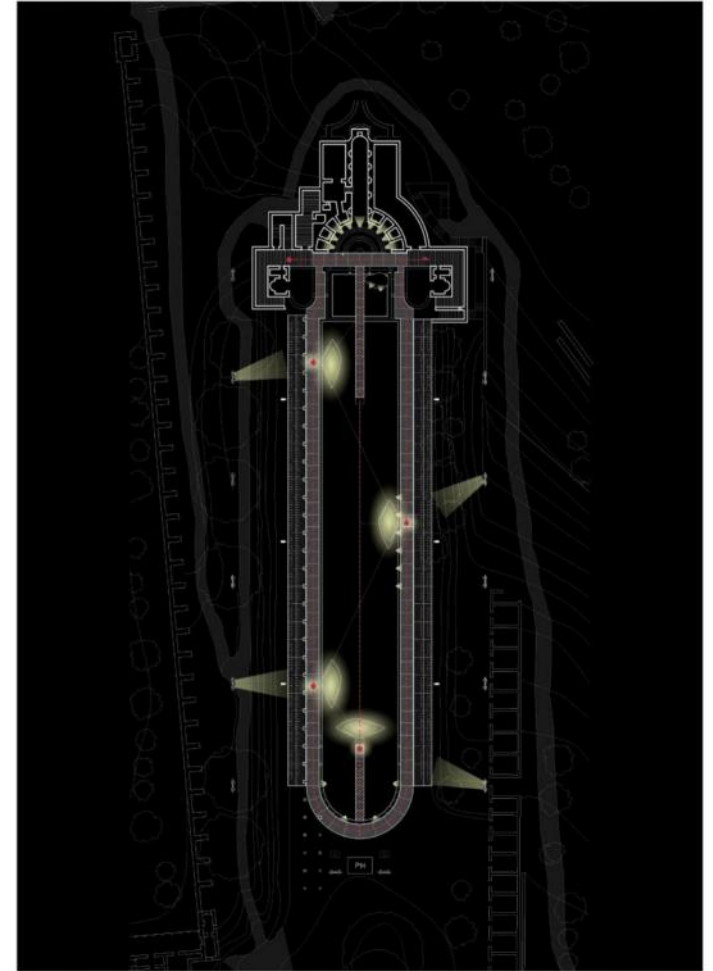




Scene 1



Scene 2



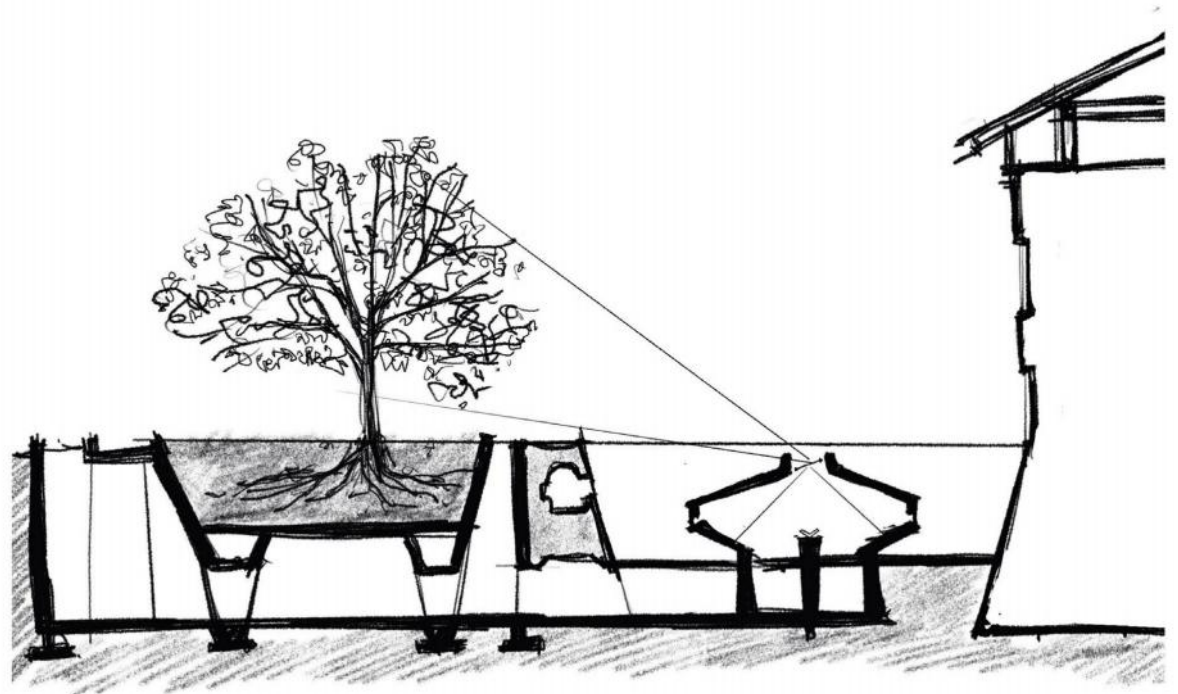
Scene 3



02

Da vinci Museum

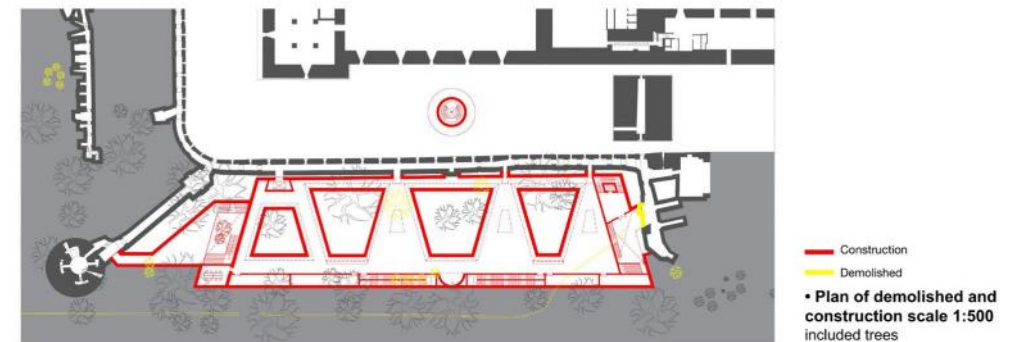
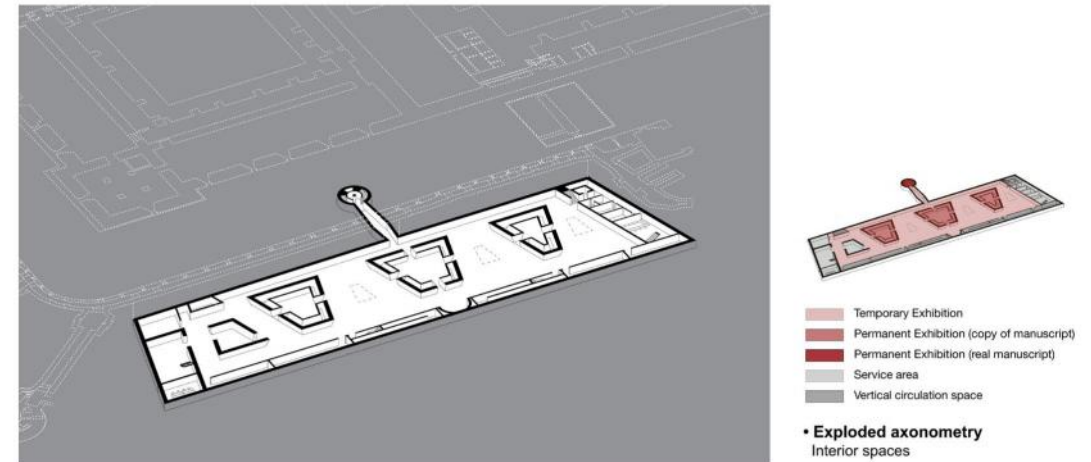
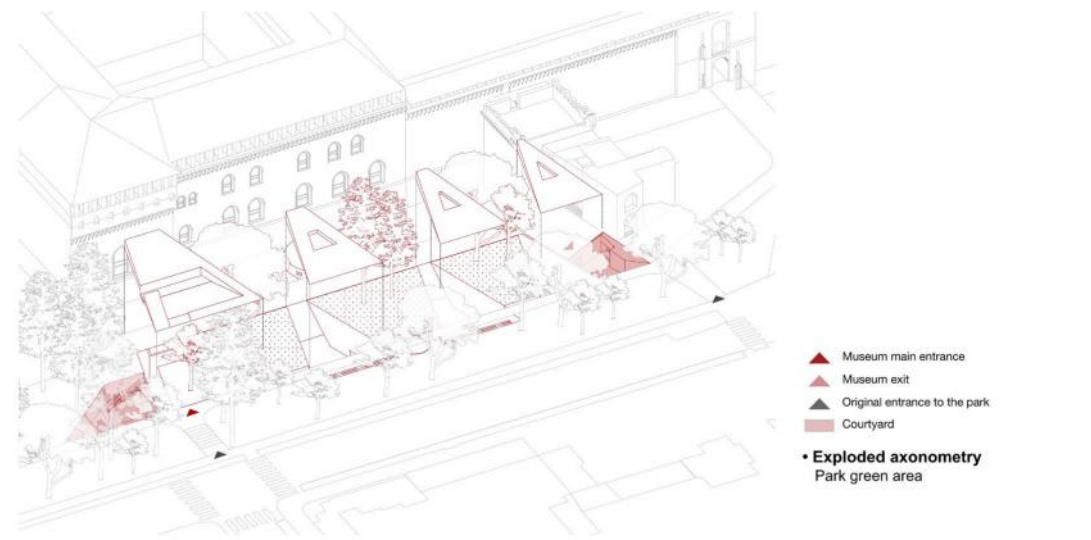
/ Optics / Metaphor /

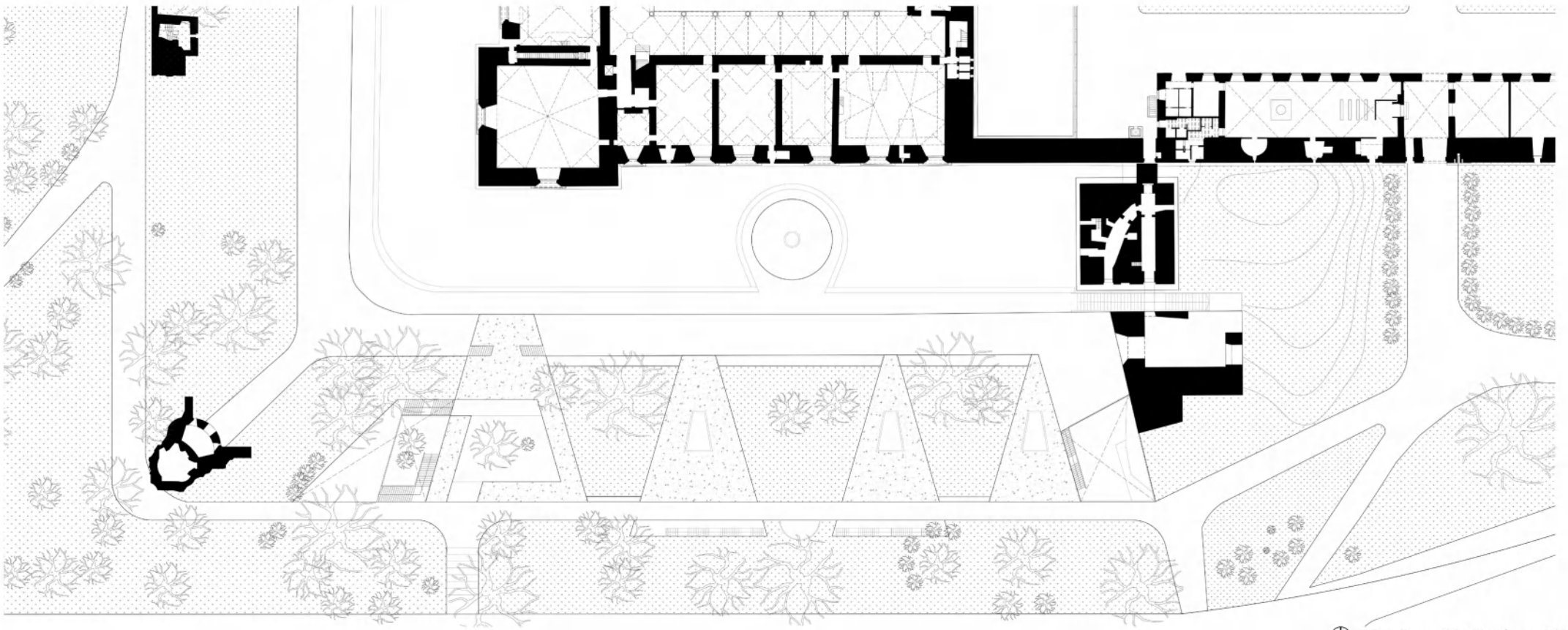


Team: Yanzhi Yang, Xiwen Chen, Shaghayegh Mahmoudi
Tutor: Annalisa de Curtis, Monica Manfredi, POLIMI, Italy, 11/2022.

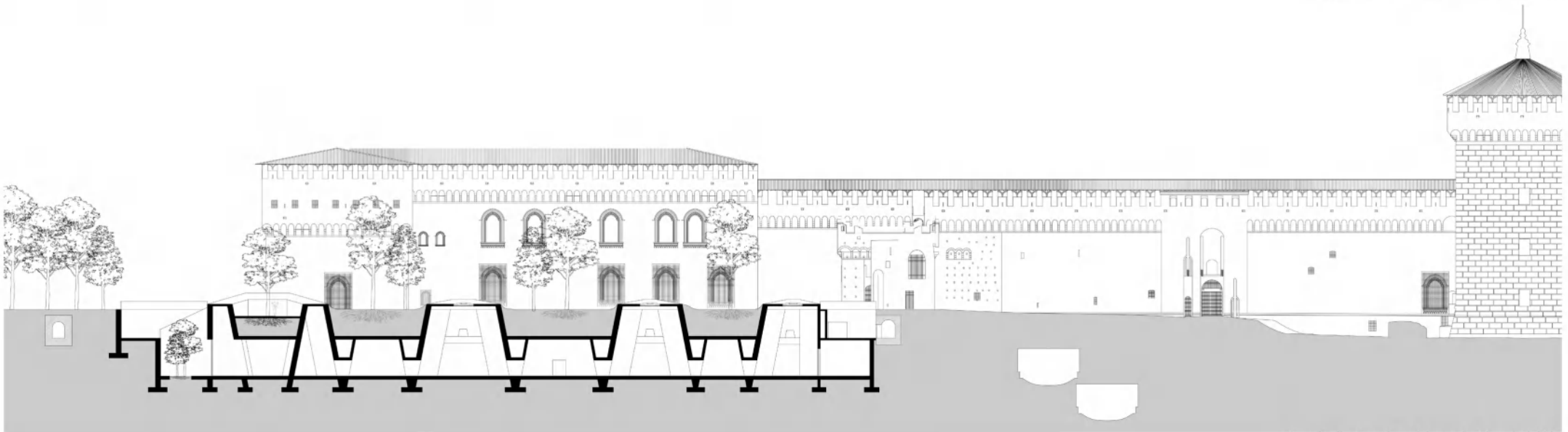


Castello Sforzesco with Old Trees

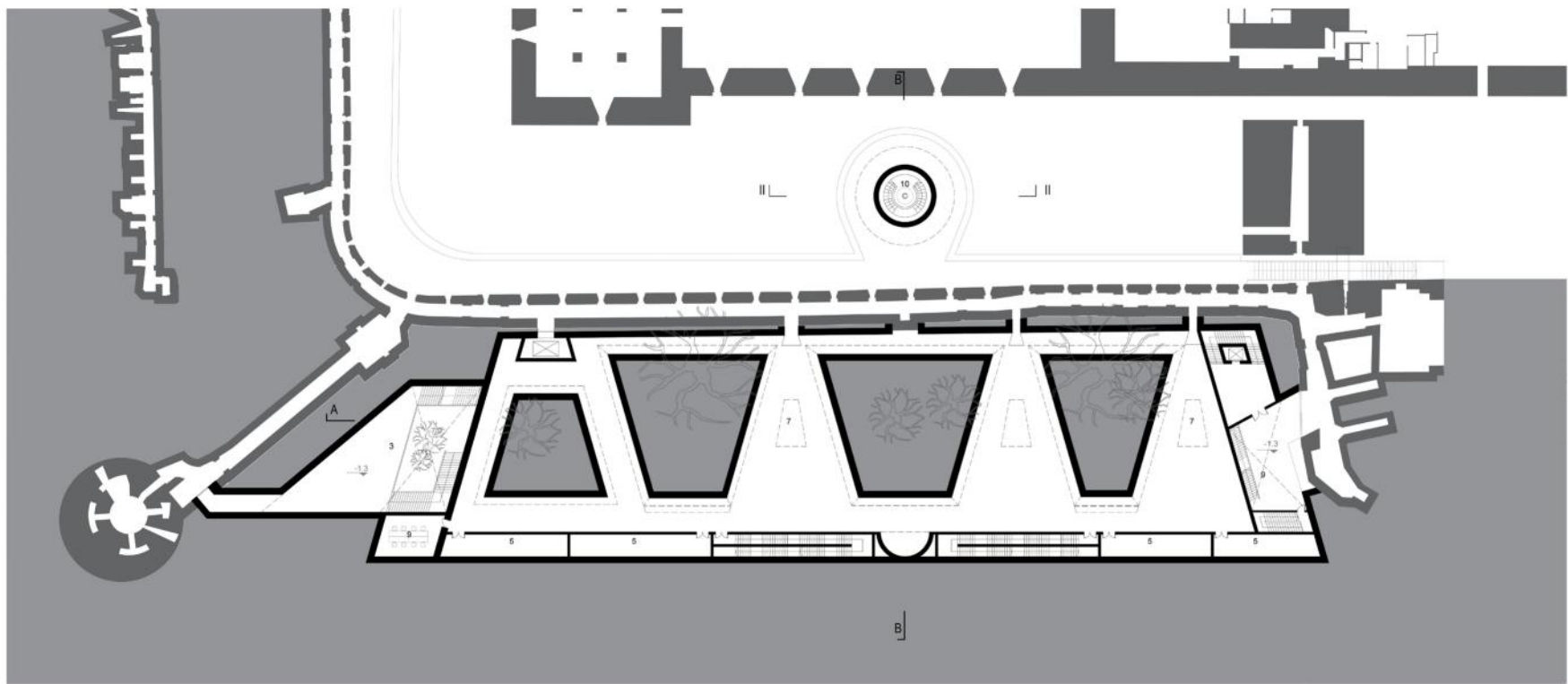
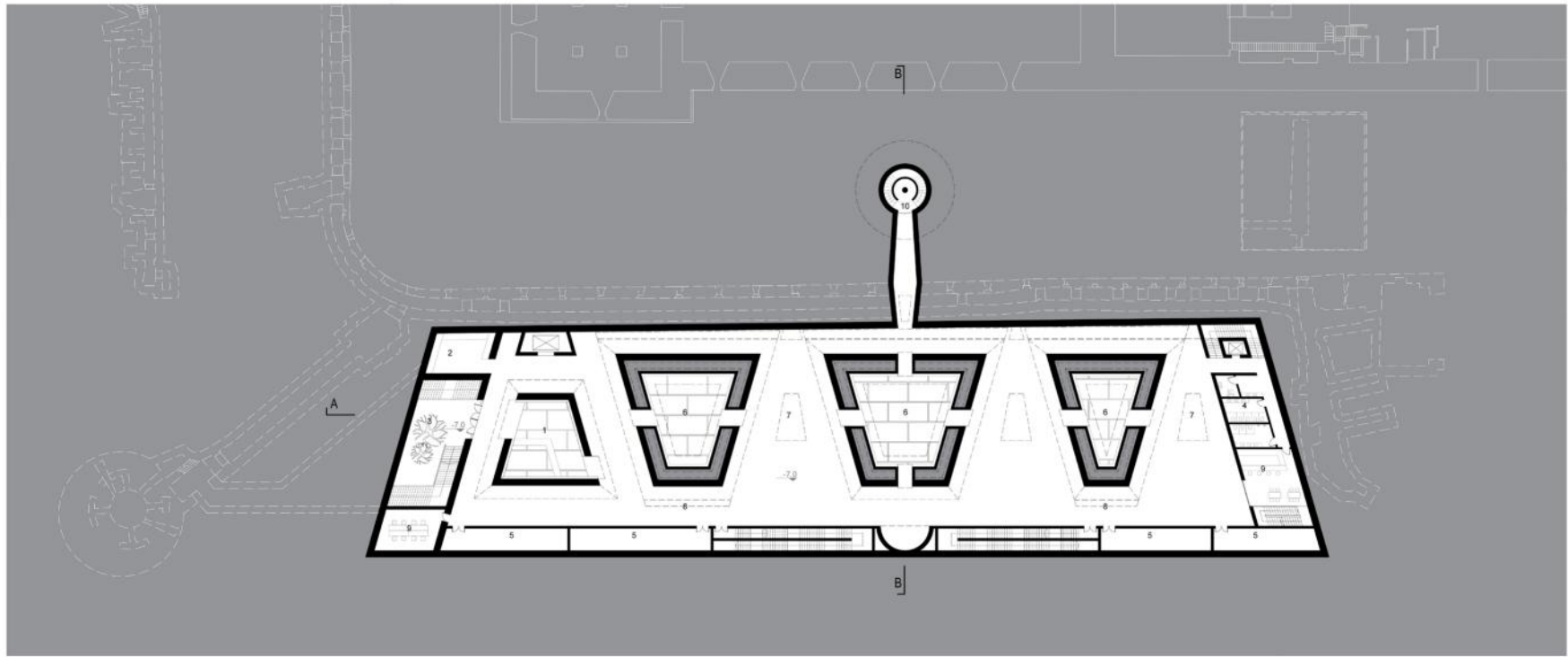


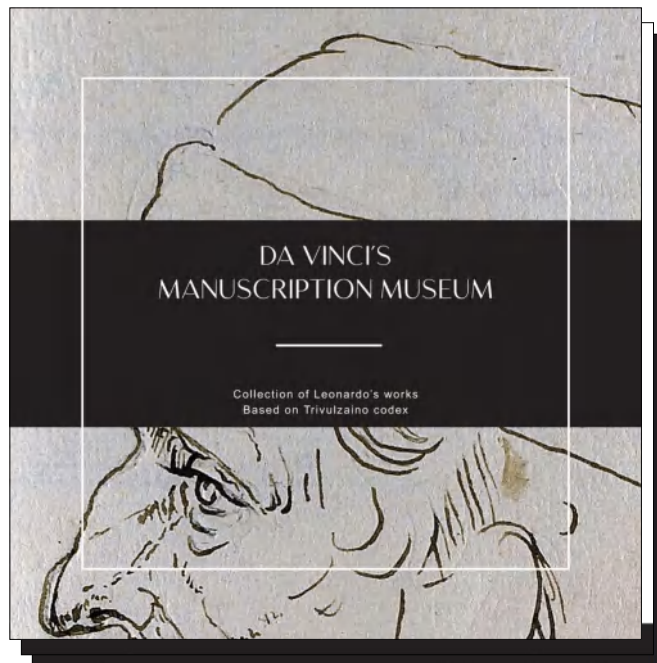


• Plan (Name of the Plan) | scale 1:200

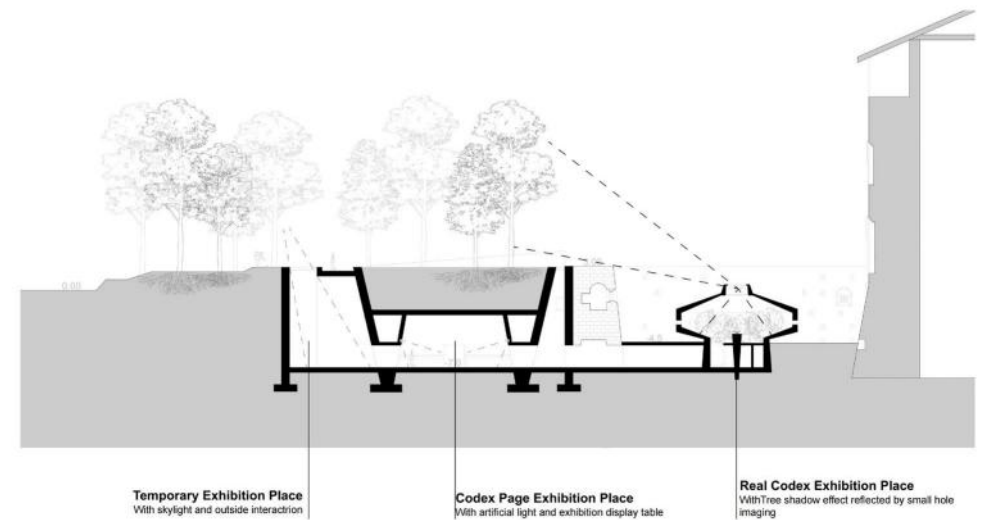
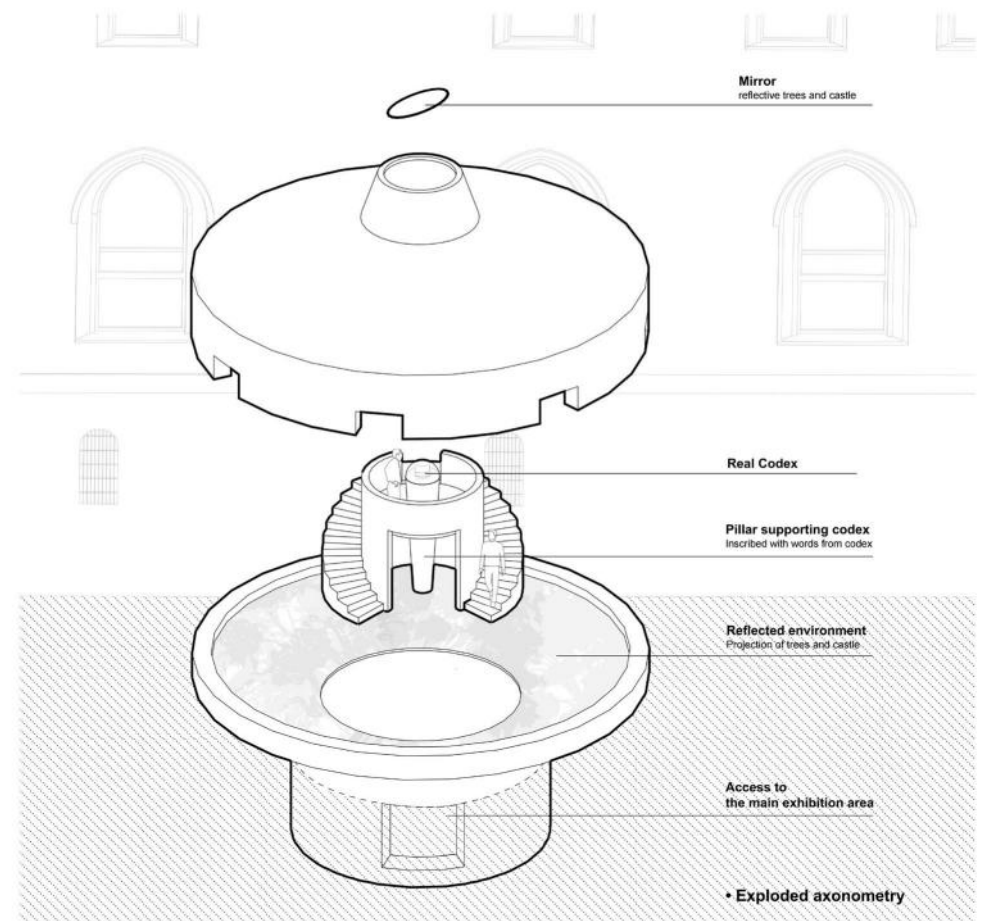


• Longitudinal section of the project | scale 1:200





Codex Exhibition Brochure



04

Milan Olympic Park

/ Construction / Reuse /



Team: Yanzhi Yang, Emre Sonmez, Zuchen Yu, Xiwen Chen.
Tutor: Alessandra Zanelli, Giorgio Novati. Milano, POLIMI, Italy, 07/2022.

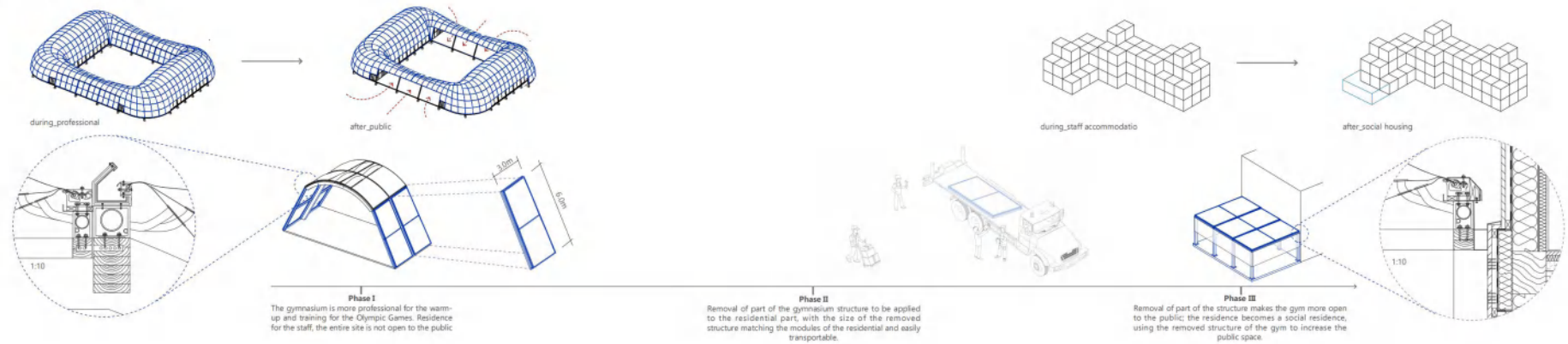
Master Plan - During the Olympic 1:1000



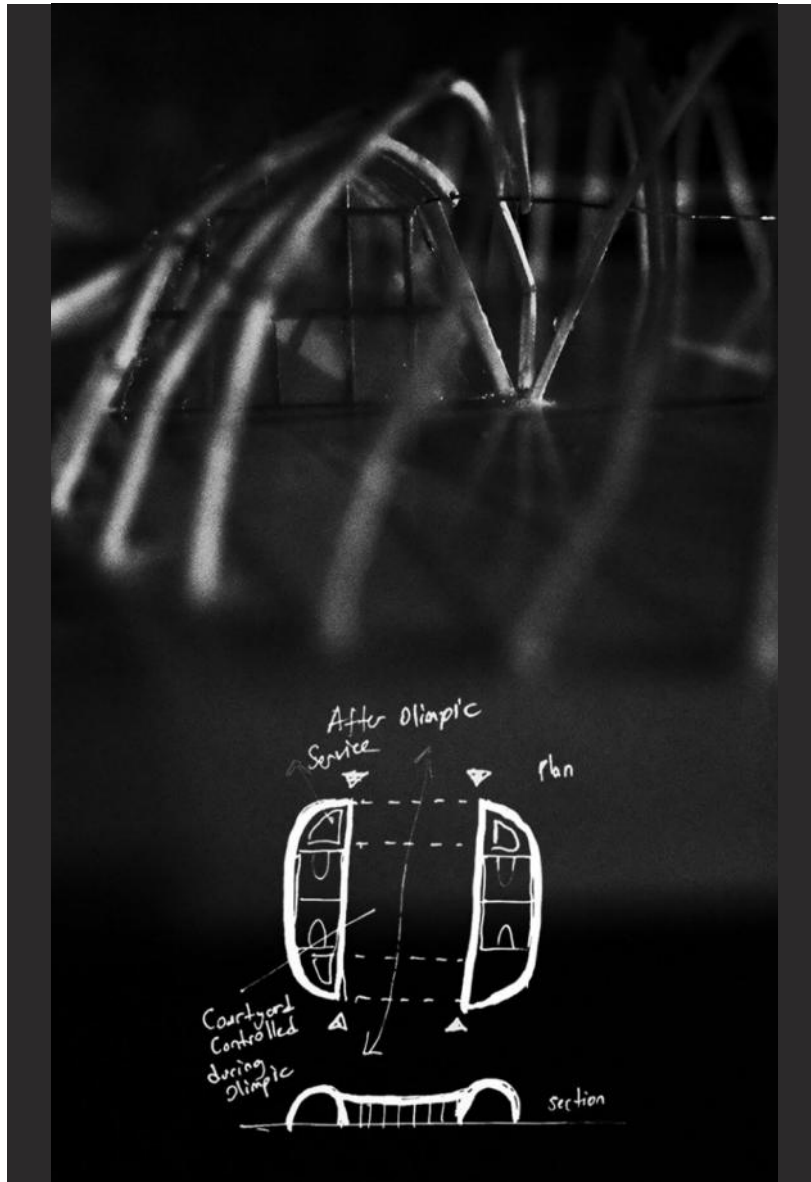
Master Plan - After the Olympic 1:1000



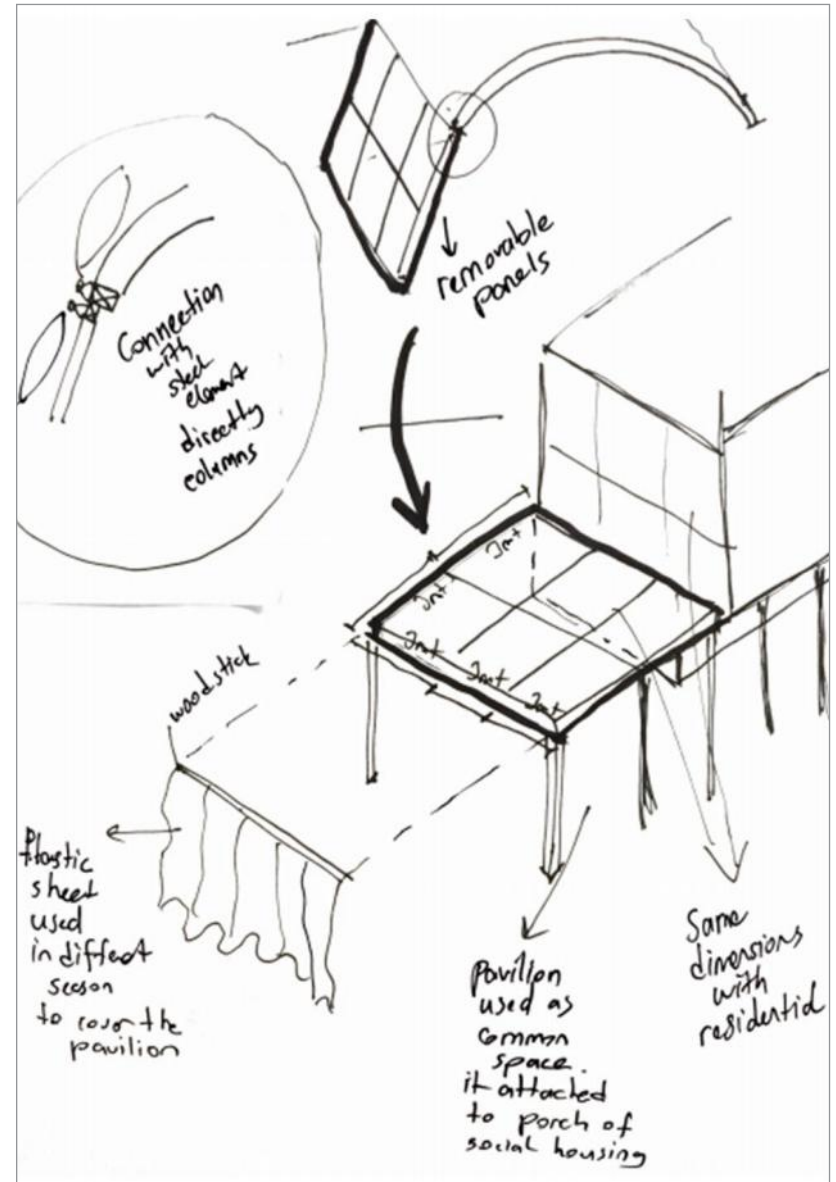
Strategy for Reuse



CONCEPT DRAFTS

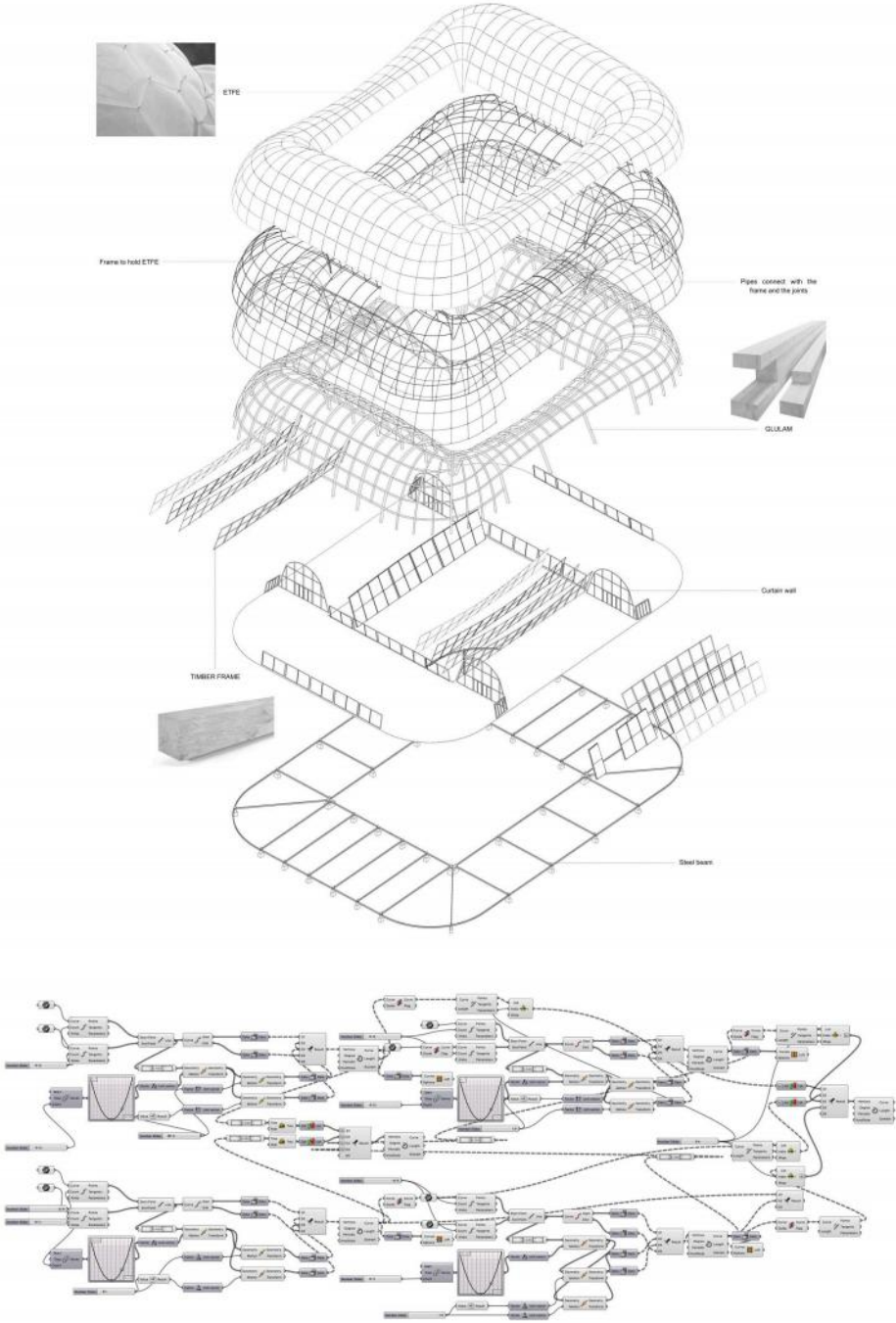


Stadium Part

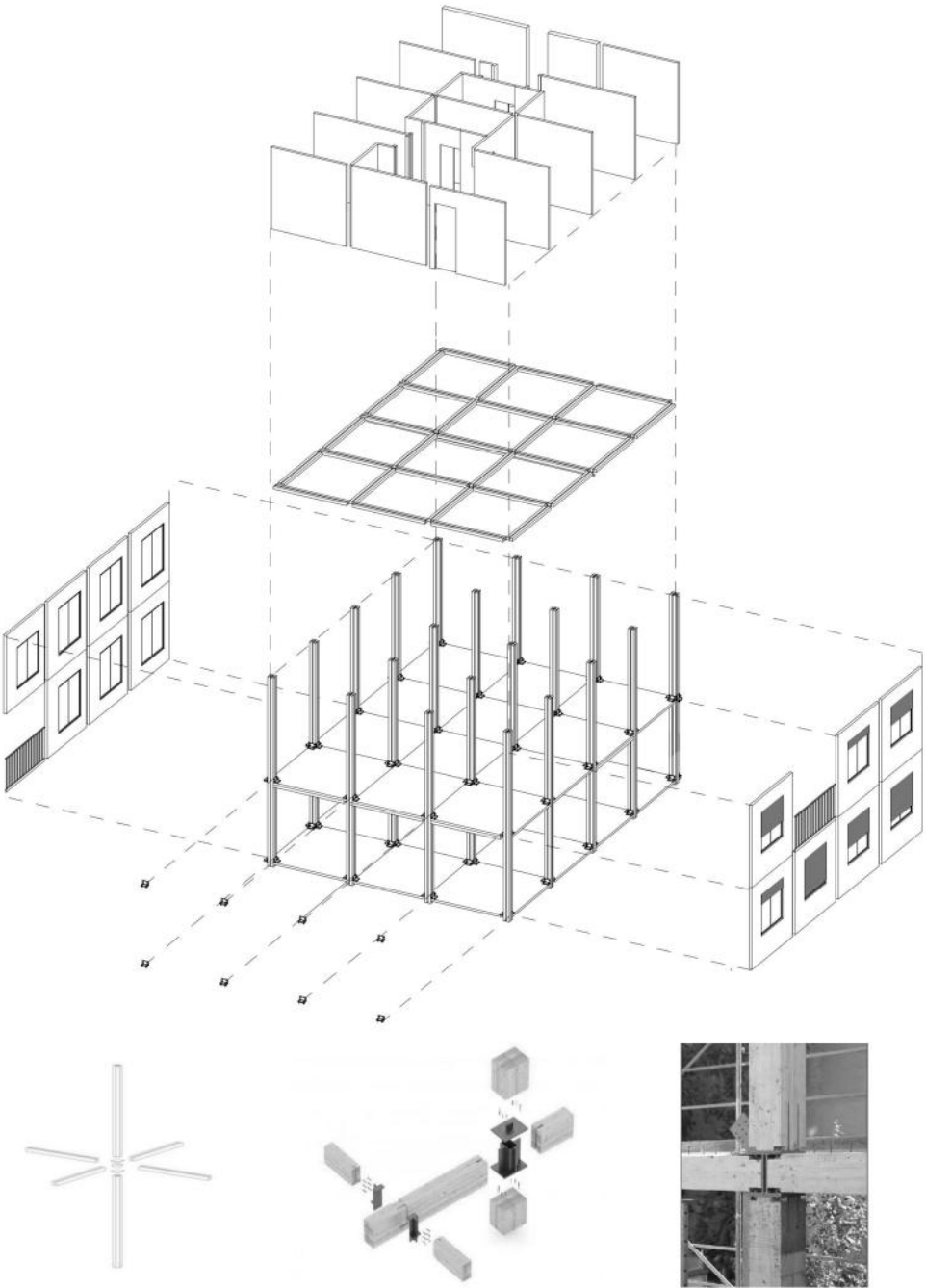


Residential Part

EXPLODED AXONOMETRIC OF STRUCTURE SCHEME



Stadium Part



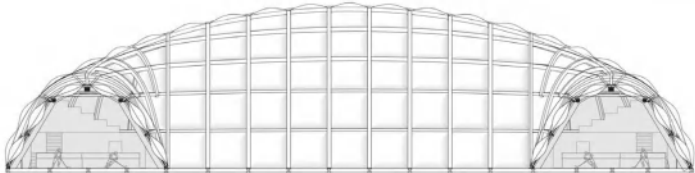
Residential Part

DRAWINGS

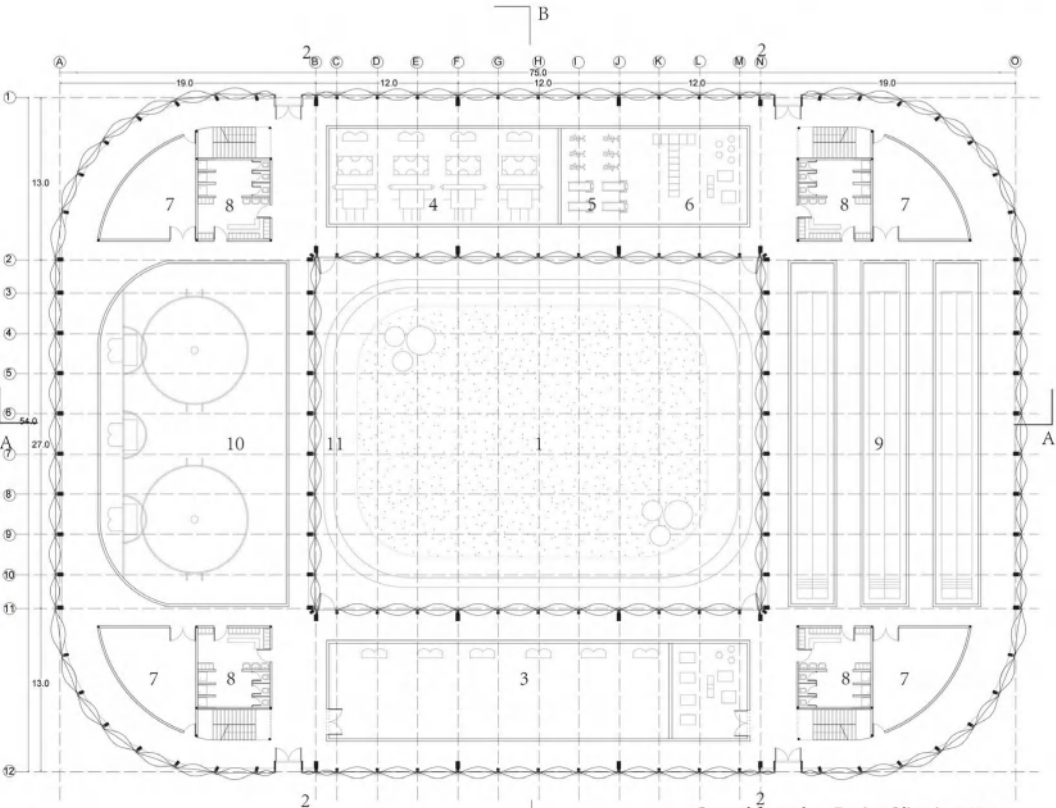
Stadium



Section A-A' -During Olympic - 1:100



Section B-B' -During Olympic - 1:100



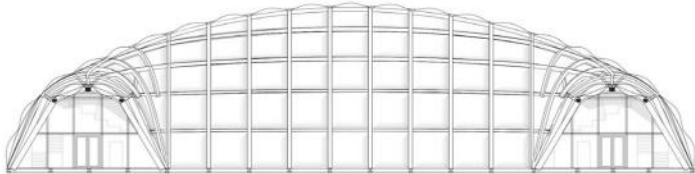
- Legend

 - 1. Private/controlled courtyard
 - 2. Entry
 - 3. Shooting zone surface
 - 4. Skating zone surface
 - 5. GYM zone
 - 6. Testing zone
 - 7. Backoffice and additional service
 - 8. Locker/wash room
 - 9. Curling skating
 - 10. Ice surface
 - 11. Running ring
- Ground floor plan -During Olympic- 1:100

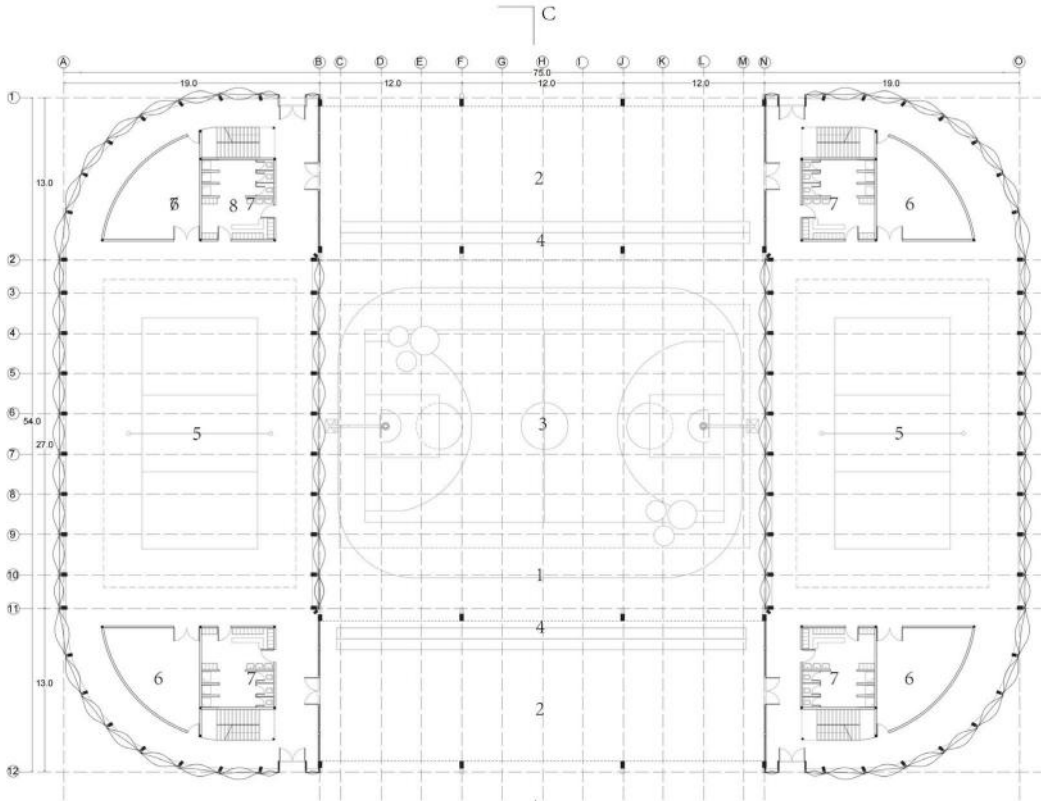
SPORT FACILITY SCHEMES
DURING OLYMPICS



Elevation long side -After Olympic - 1:100



Section C-C' -After Olympic - 1:100



- Legend

 - 1. Public open space
 - 2. Entry porch
 - 3. Open Basketball court
 - 4. Outdoor seating
 - 5. GYM zone
 - 6. Testing zone
 - 7. Backoffice and additional service
- Ground floor plan -After Olympic- 1:100

SPORT FACILITY SCHEMES
AFTER OLYMPICS

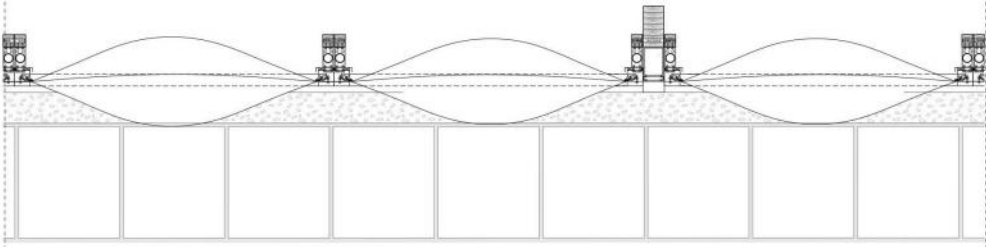
DRAWINGS

Details - Stadium

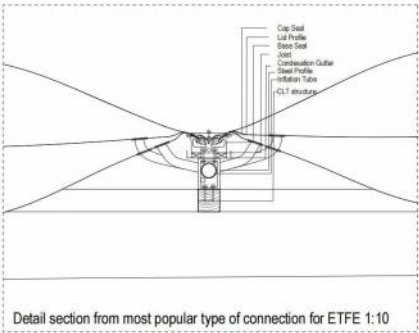
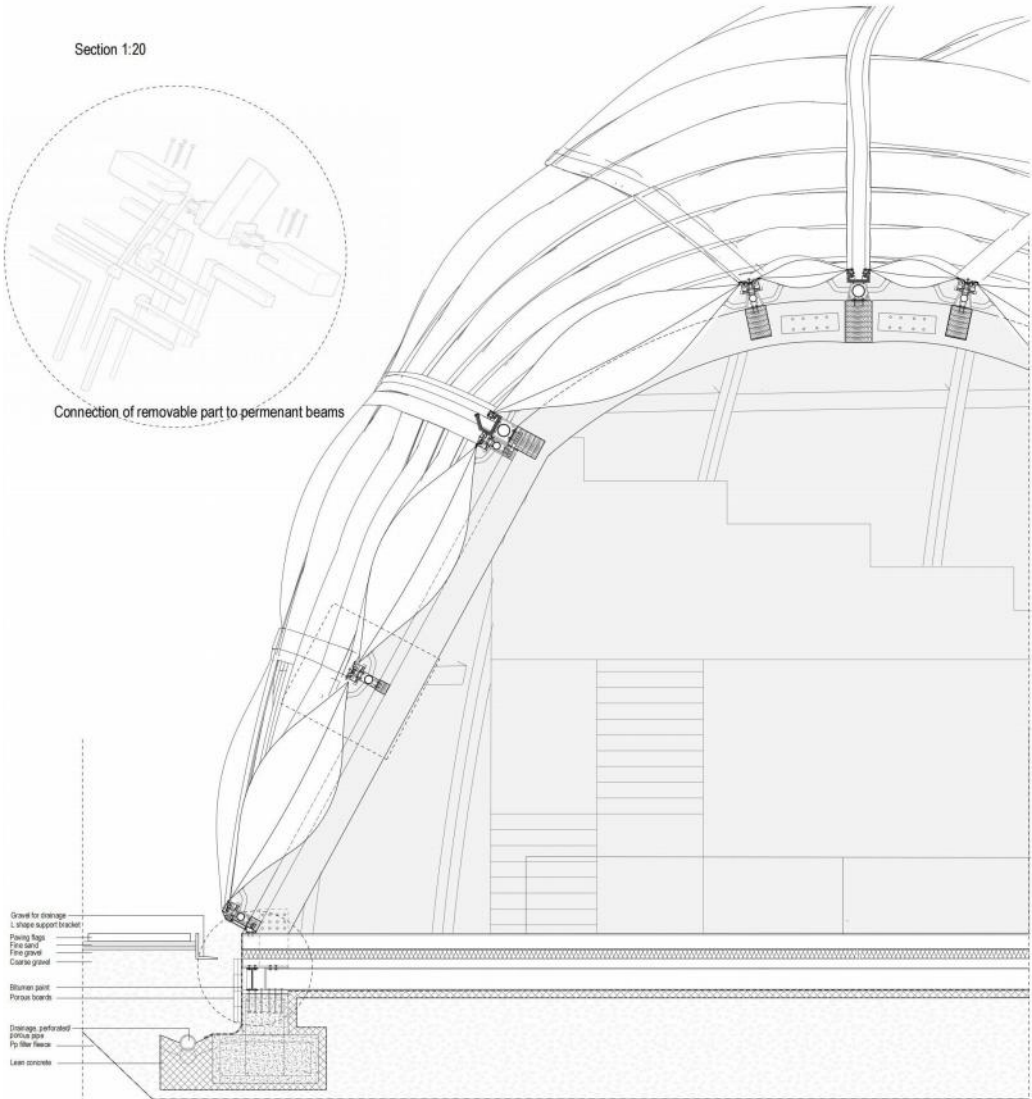
From elevation, we see onlt aluminium profile that holding ETFE membrane. In the composition we want to emphasize Permenant column in between removable part



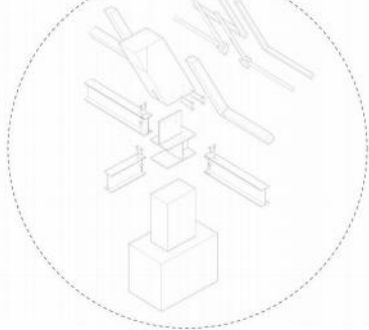
Plan 1:20, During the olimpic, connections of removable panels with ground and permanant structure



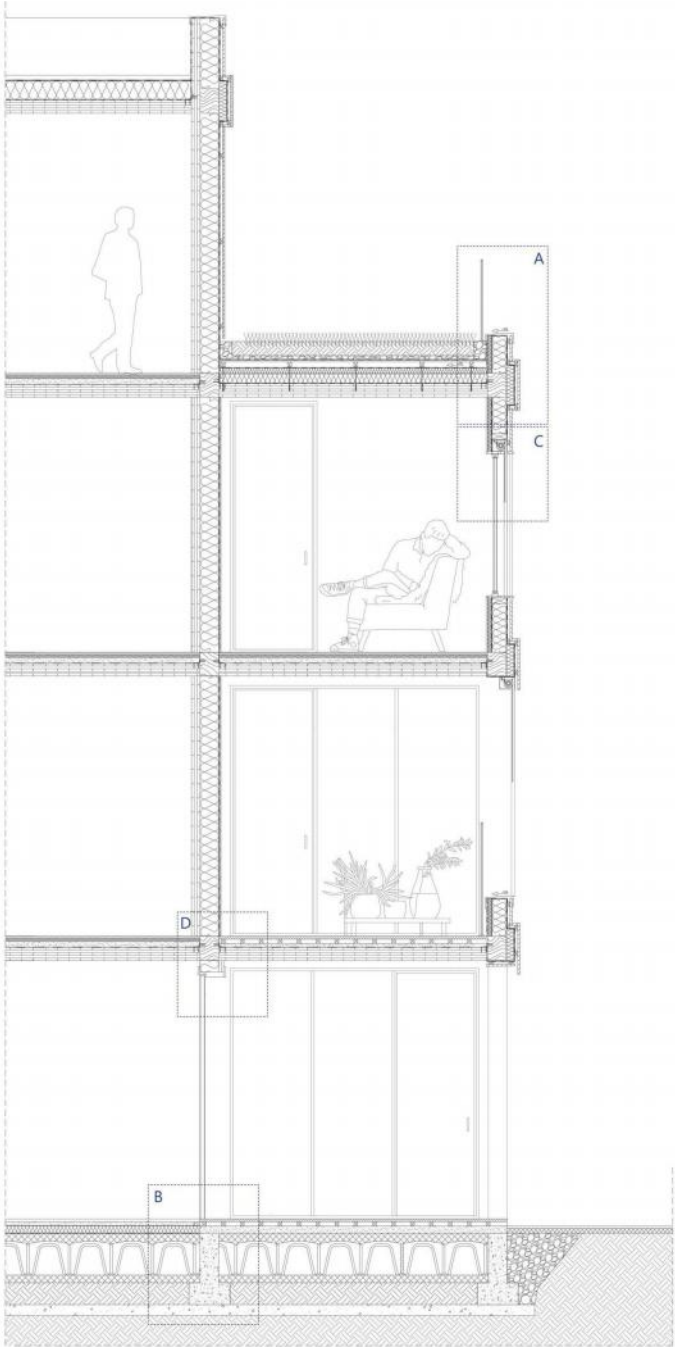
Section 1:20



Node for connection of columns&steel beams and foundation



DRAWINGS
Details - Residence

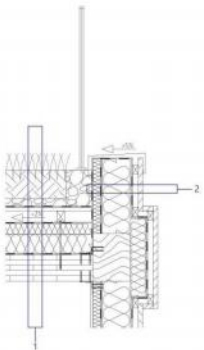


SECTION_1:20



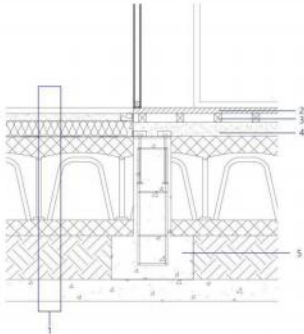
ELEVATION_1:20

PLAN_1:20



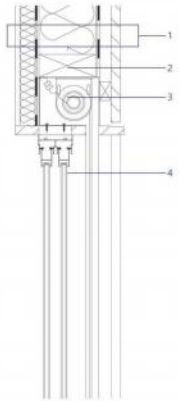
A-ROOF DETAIL 1:10

1-Green roof with 150mm Soil. Gravel for drainage, with L shape support bracket; Bituminous impermeable membranes; 60mm*40mm spruce wood counter battens (ventilation); Breathable membranes; 160mm thermal insulation; Water barrier; 5-layers cross laminated timber.
2-Water barrier; 40mm thermal insulation; Vapour barrier; Gypsum fibre board; 150mm thermal insulation; Gypsum fibre board; Wind barrier; 50mm*30mm spruce wood counter battens (ventilation); Larch wood external wall cladding.



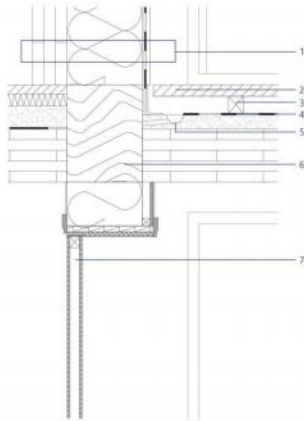
B-GROUND FLOOR DETAIL 1:10

1-20mm PVC floor; 40mm elastic bonded fill; 80mm thermal insulation; Water barrier; Concrete underground layer; ventilated under-ground cupples; 250mm soil; 120mm foundation lean.
2-PVC light beige wood.
3-50mm*40mm spruce wood counter battens (ventilation).
4-75mm elastic bonded fill.
5-concrete footing.



C-WINDOW DETAIL 1:5

1-Gypsum plaster board; 40mm thermal insulation; Vapour barrier; Gypsum fibre board; 150mm thermal insulation; Gypsum fibre board. Wind barrier; 50mm*30mm spruce wood counter battens (ventilation); Larch wood external wall cladding.
2-construction timber.
3-Shading system made of wooden sticks.
4-Double glazed sliding window.



D-BALCONY DETAIL 1:5

1- 3-layers cross laminated timber; 200mm thermal insulation; Gypsum fibre board; Vapour barrier; Grey plaster.
2-30mm PVC light beige wood.
3-50mm*40mm spruce wood counter battens (ventilation).
4-Water barrier.
5-Drainage tube.
6-200mm*250mm Glulam beams.
7-Hinged door, external - wood.

05

Immigration Ports

/ Housing / Unconventional /



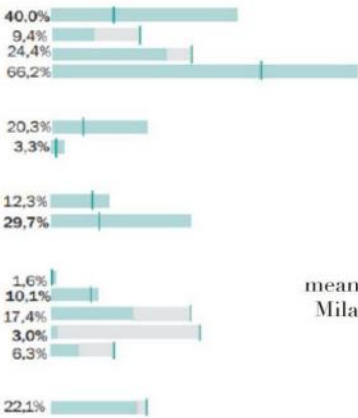
Team: Yanzhi Yang, Maira Morozzo della Rocca.

Tutor: Gennaro Postiglione, Paola Briata, POLIMI, Italy, 07/2022.

Site Context



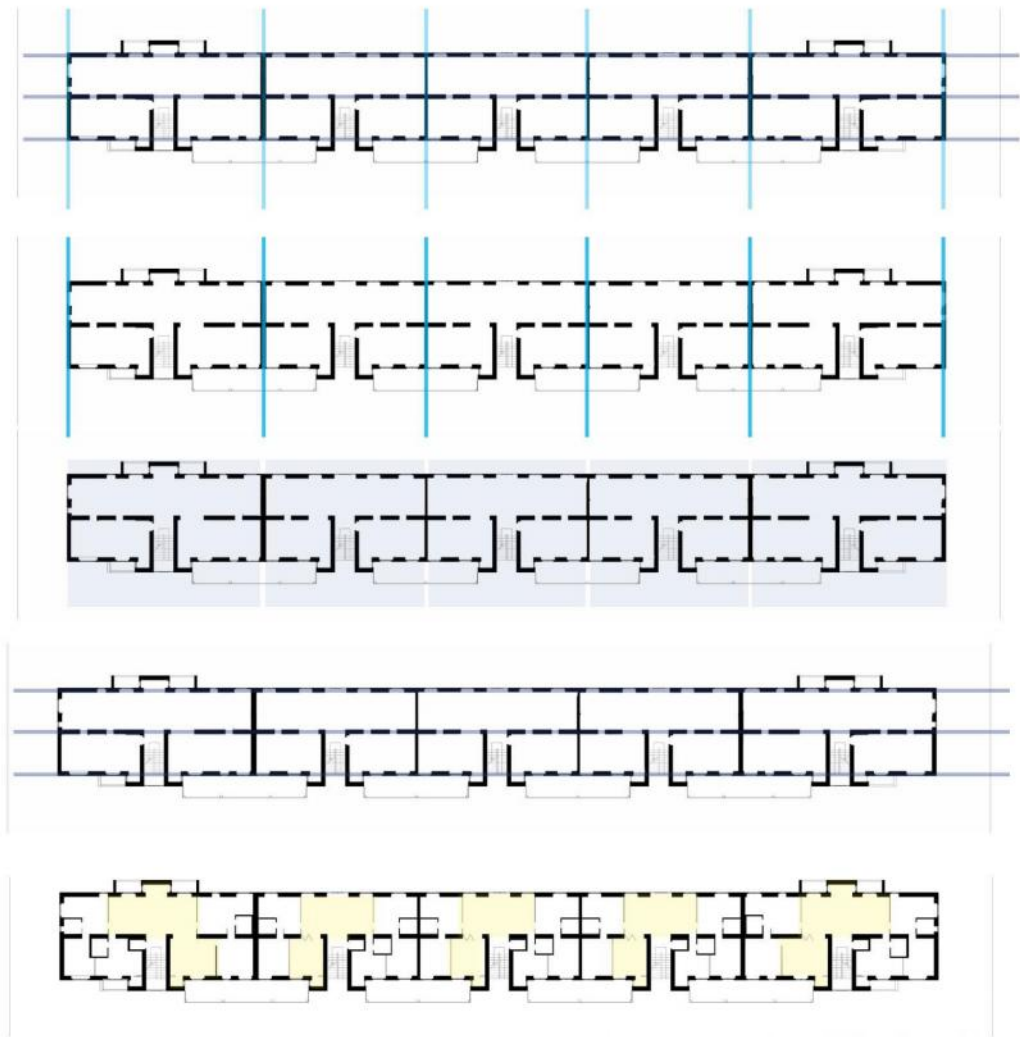
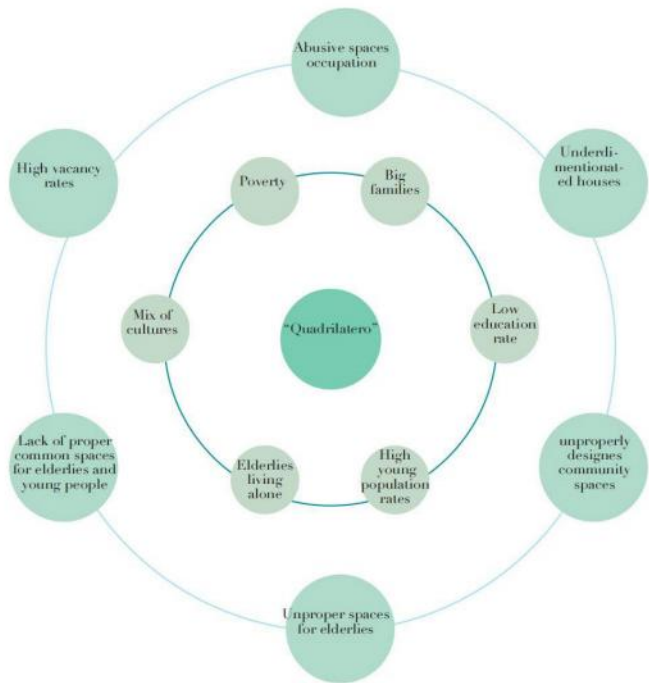
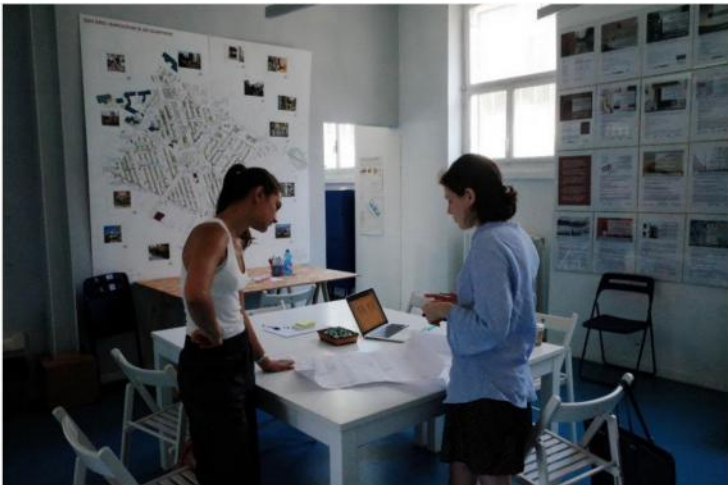
- San Siro foreign inhabitants
- Foreign population
 - Foreign inhabitants with high qualified job
 - Foreign inhabitants with medium qualified job
 - Foreign inhabitants with low qualified job
- Occupation
- Unemployment rate
 - Population unable to work
- Families
- Single parent families
 - Elderly living alone on its own
- Education
- Uneducated population
 - Population without education diploma
 - Population with education diploma
 - Population with university degree
 - Students
- Elderly population
- Population >65



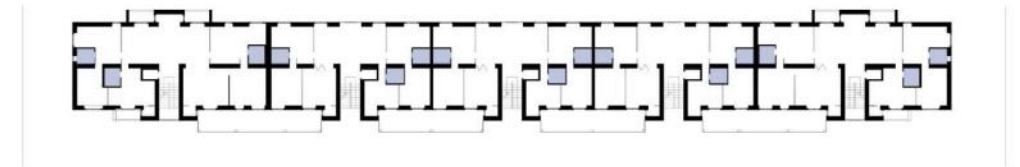
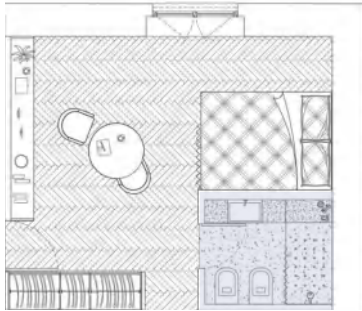
Currently, in 2022, San Siro's «Quadrilatero» has around 14.000 inhabitants. More than half of the inhabitants that are of foreign origins (especially from Egypt and Morocco), the average of children per family which is 2.5 (higher than the usual average in Italy and Milano), and the average of the income per family has a very low rate. Plus, the average of uneducated people and of people who works at low-skills job is much higher than the Milano's average, as

happens for the unemployment rate too. The nonparental families and the number of elderly people living alone is also higher than in the rest of the city, while the population is slightly younger than the average. In synthesis, «Quadrilatero» of San Siro is one of the most multicultural, uneducated, poor and young areas of Milano.

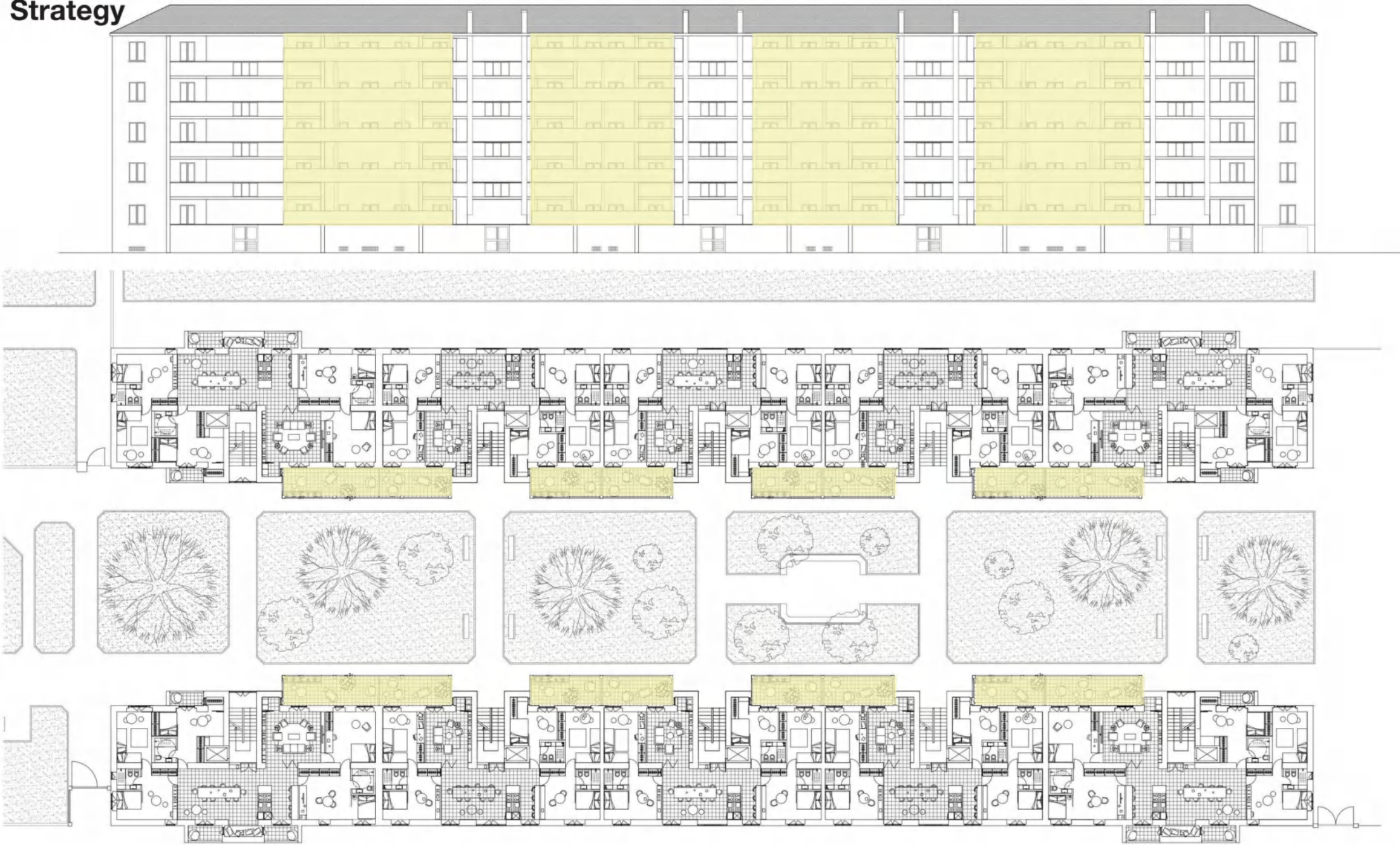
Strategy



For the organization of the private rooms, we decided to use the bathroom as a block that could be placed near the central line of bearing walls, allowing the resultant space to be a bed niche. After several trials, since the given dimensions of the building are not big, this resulted in being the best solution, that concentrating the bed and the bathroom block in one line allowed to have a bigger resultant space inside the room to be used for the different activities during the day.



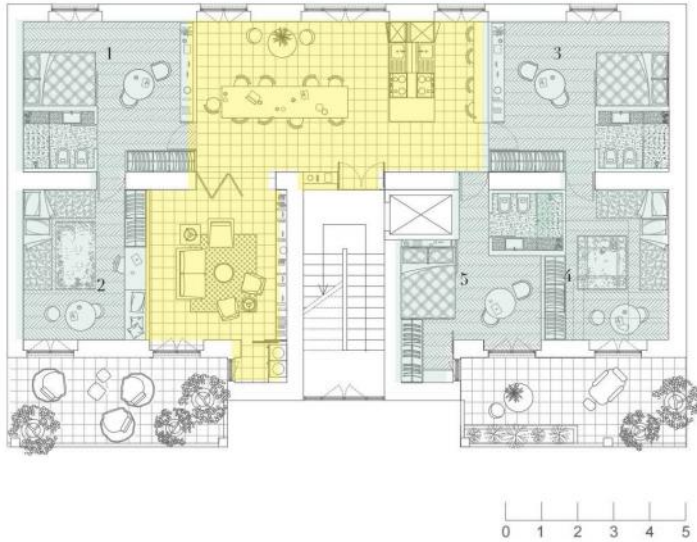
Strategy



Using long balconies to enlarge users' spaces and introduce light, making big common space to deal unconventionality.

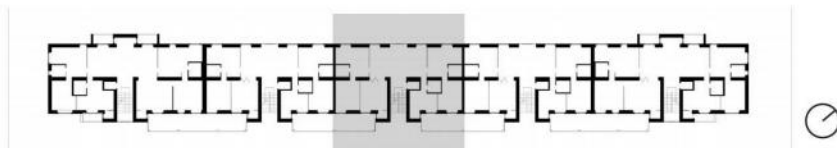
Households

Type A

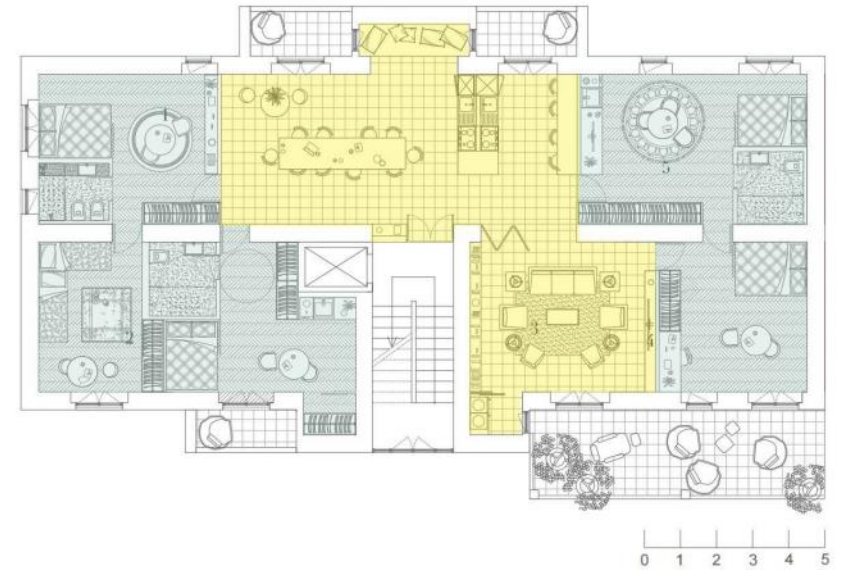


room 1 : couple/single parent + room 2 : child/children
couple/single worker + relative

room 3 : couple/single parent + room 4 : child/children + room 5 : child
couple/single parent + child/children + teenager daughter/son
couple/single parent + child + relative/elderly parent of one of the two members of the couple

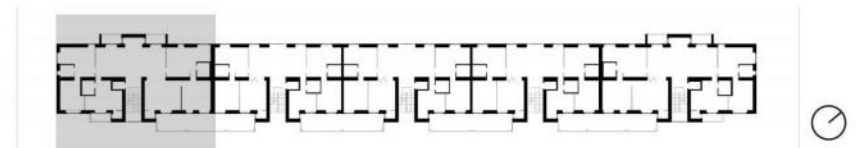


Type B

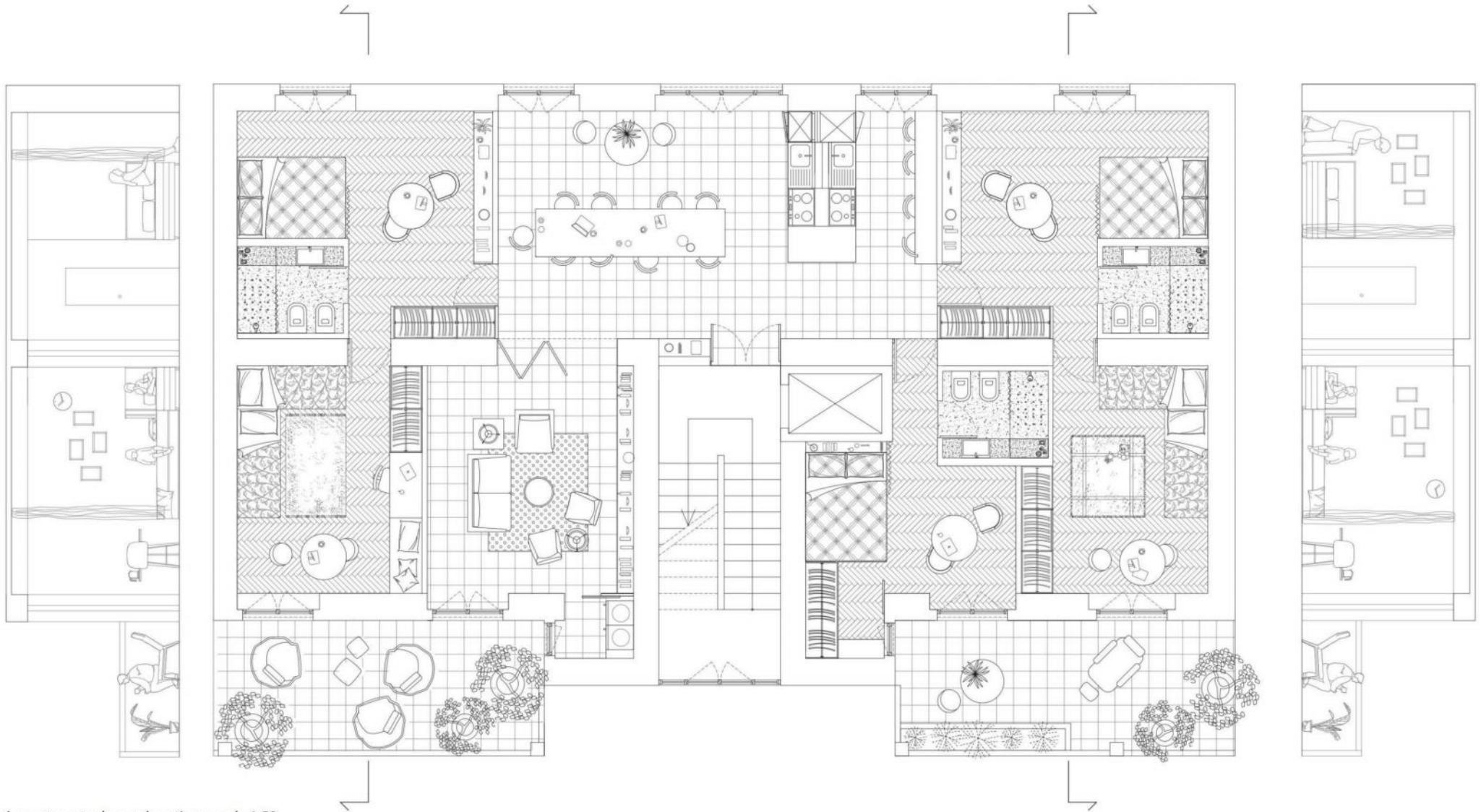


room 1 : elderly + room 2 : caregiver
relative + couple/single parent
children + couple/single parent

room 3 : relative + room 3 : caregiver + room 5 : elderly
child + children + couple/single parent
relative + children + couple/single parent



Type A

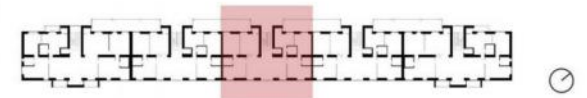


Type A apartment: plan and sections, scale 1:50

room 1 : couple/single parent + room 2 : child/children
couple/single worker + relative

room 3 : couple/single parent + room 4 : child/children + room 5 : child
couple/single parent + child/children + teenager daughter/son
couple/single parent + child + relative/elderly parent of one of the two members of the couple

0 1 2



room 1 : couple/single parent

+

room 2 : child/children

couple/single worker

+

relative

+



room 3 : couple/single parent

+

room 4 : child/children

+

room 5 : child

couple/single parent

+

child/children

+

teenager
daughter/son

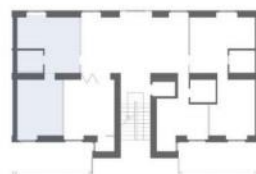
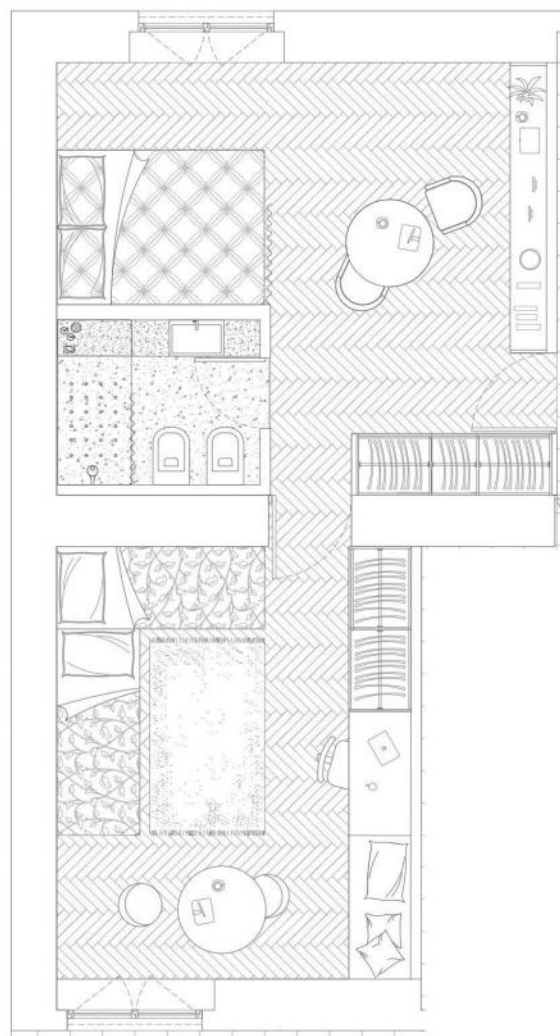
couple/single parent

+

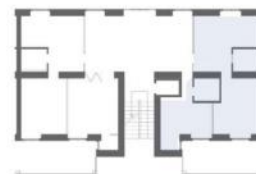
child

+

relative/elderly
parent of one
of the two members
of the couple



Area 35 mq

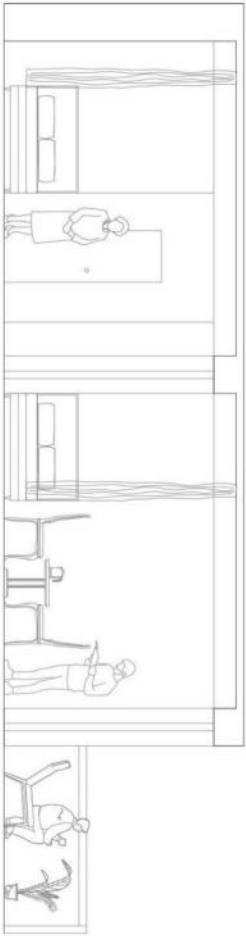
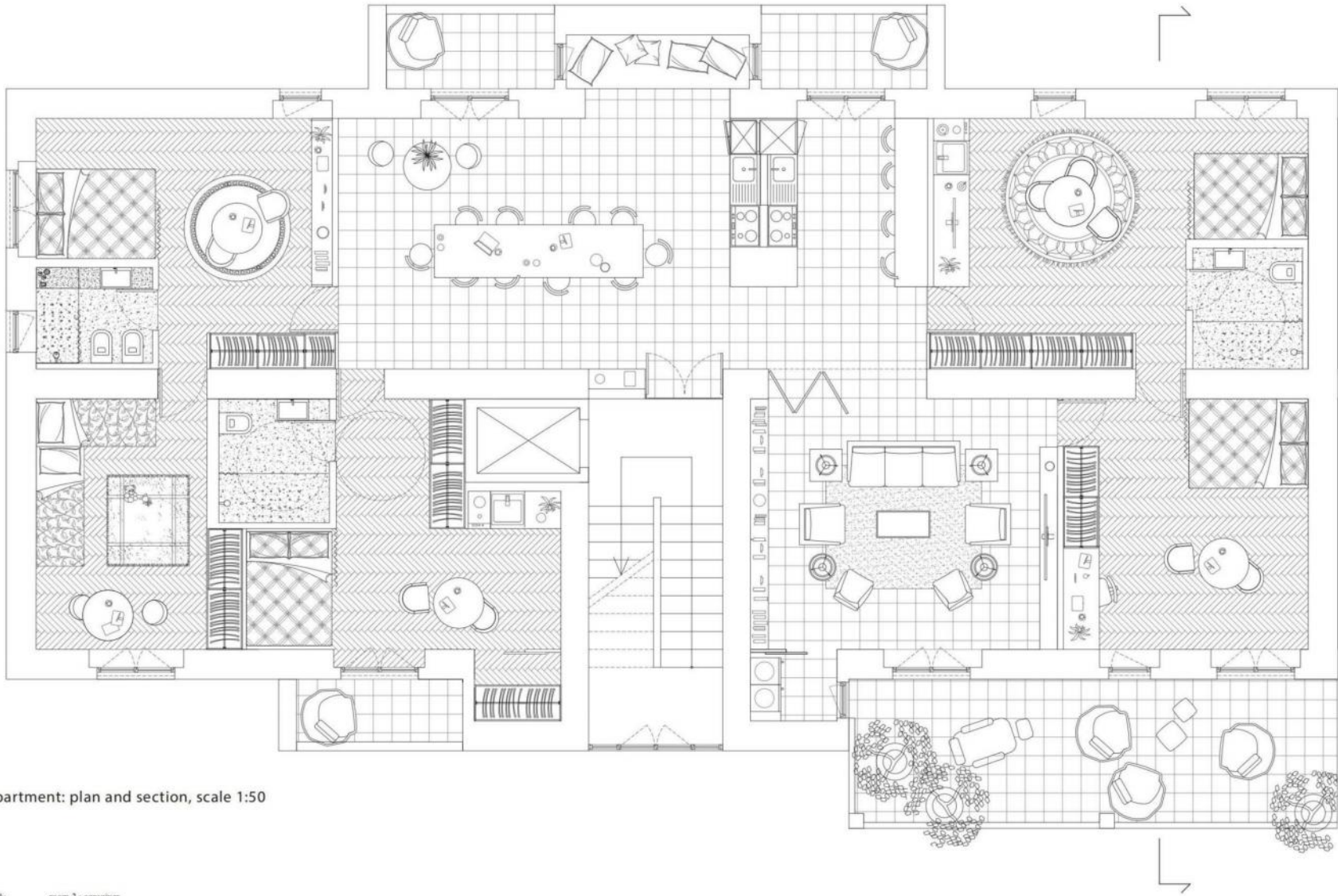


Area 52 mq



0 1 2

Type B



Type B apartment: plan and section, scale 1:50

- room 1 : elderly
relative
children

+

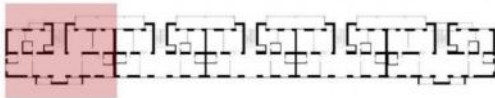
room 2 : caregiver
couple/single parent
couple/single parent
- room 3 : relative
child
relative

+

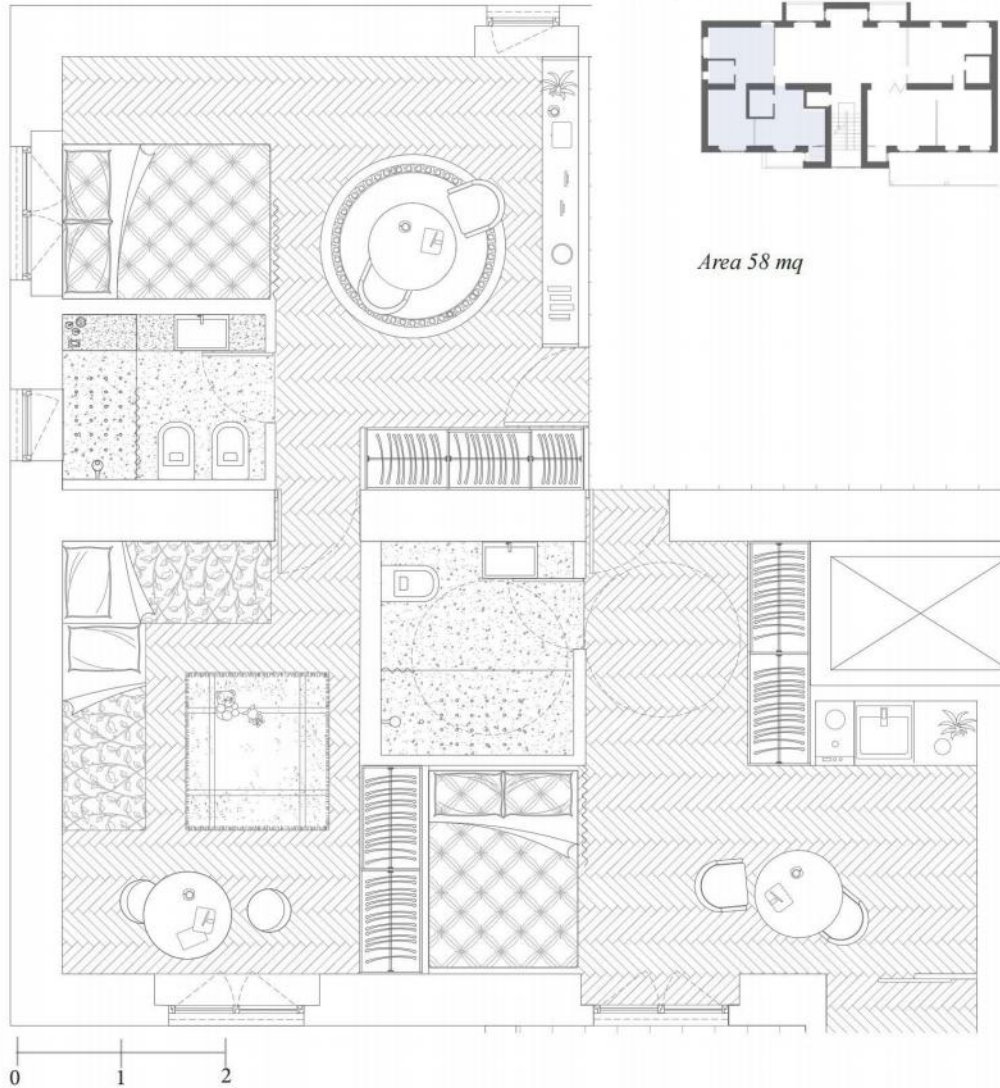
room 3 : caregiver
children
children

+

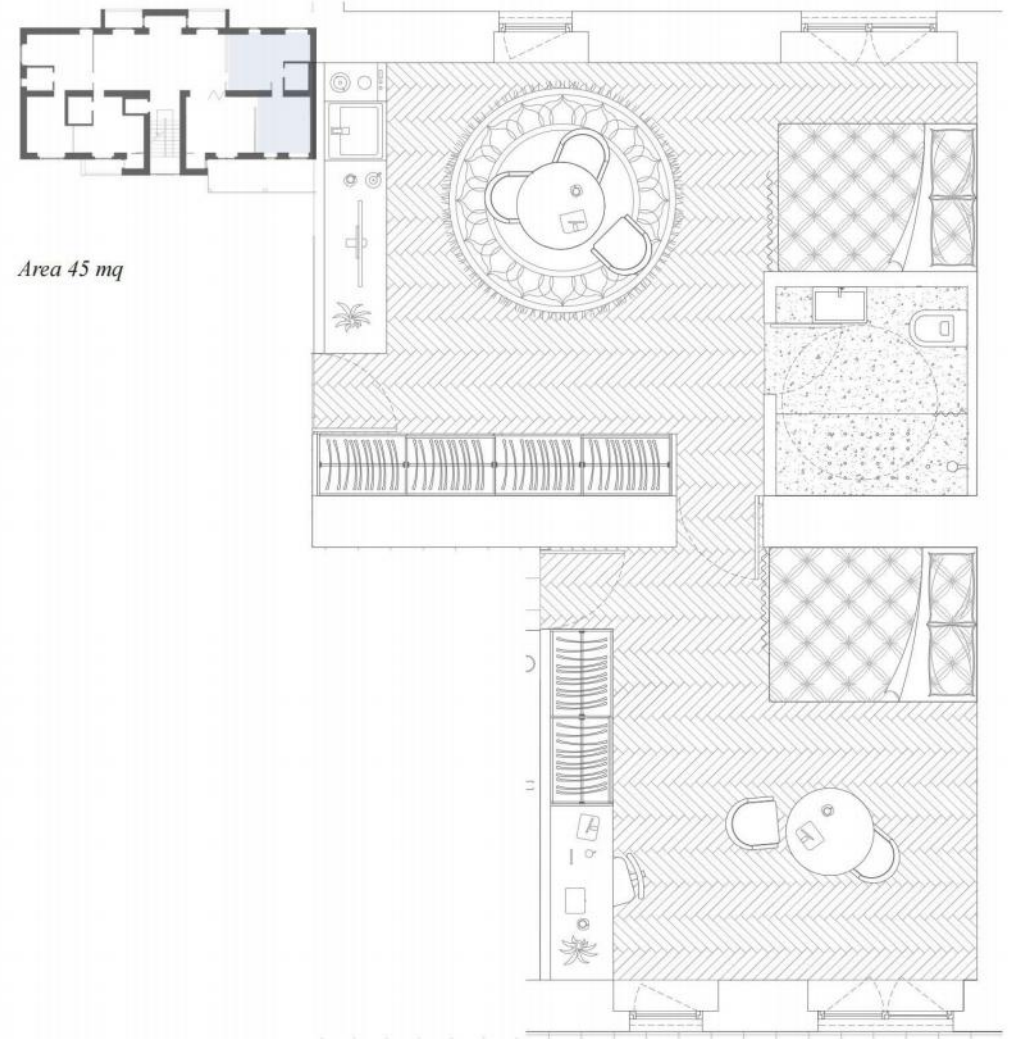
room 5 : elderly
couple/single parent
couple/single parent



room 1 : elderly
 +
 relative
 +
 children
 +
 room 2 : caregiver
 couple/single parent
 +
 couple/single parent



room 3 : relative
 +
 child
 +
 relative
 +
 room 3 : caregiver
 children
 +
 children
 +
 room 5 : elderly
 couple/single parent
 +
 couple/single parent



03

Napoli Film Museum

/ Ensamble / City Symphony /

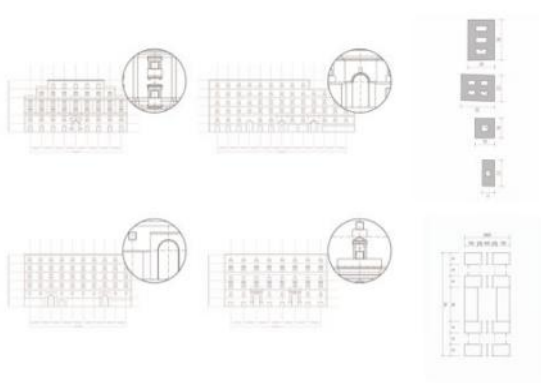
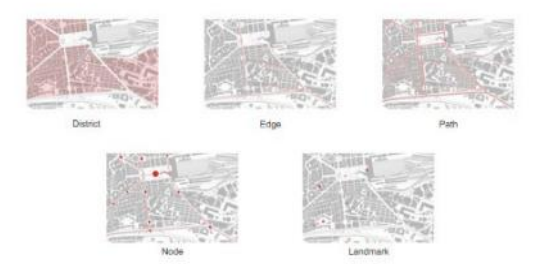
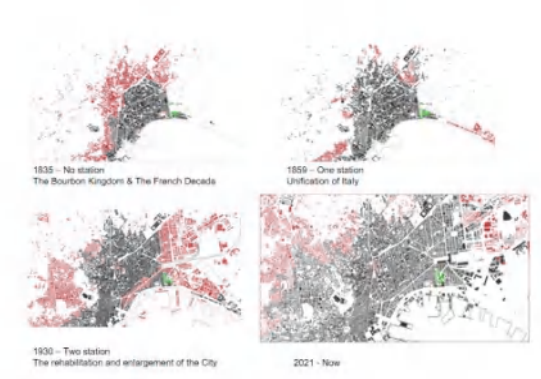


Team: Yanzhi Yang, Lianping Xia, Xingzheng Yang.
Tutor: Giancarlo Florid. Milano, POLIMI, Italy, 02/2022.

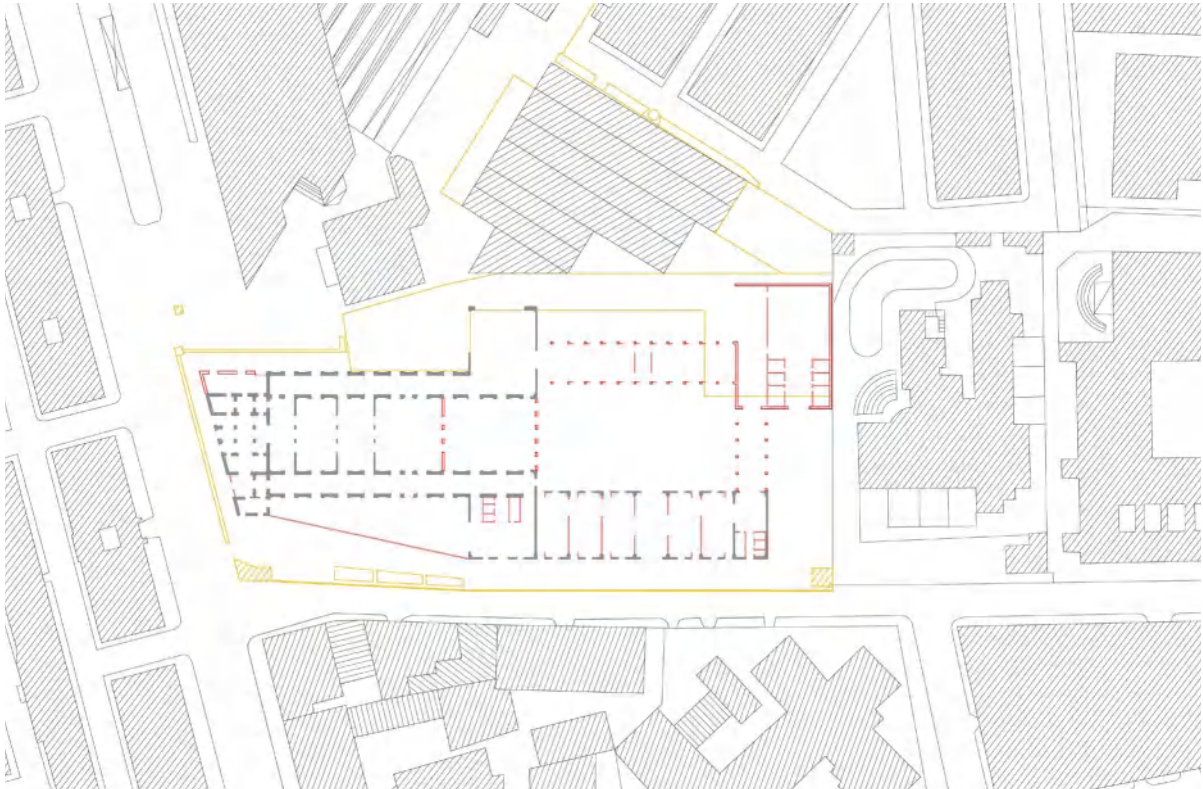
Context Analysis



Complex relationship



Total Plan

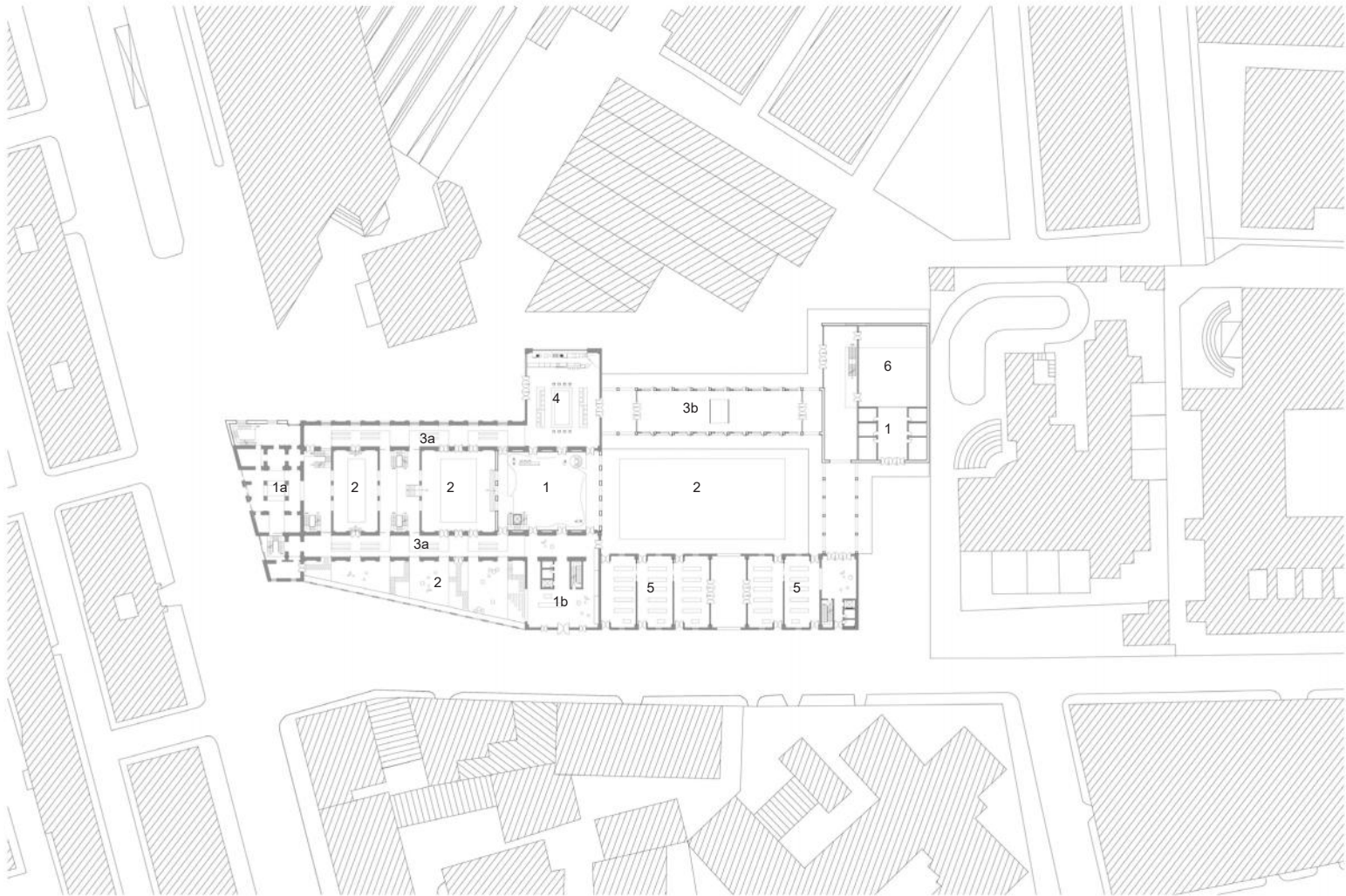


- Demolish
- New Construction

Groundfloor Plan

Ground Floor plan
Scale 1:500

Traversa I Giuseppe Garibaldi, 5, Napoli - BAYARD STATION

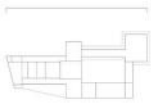


- Index:
- 1a Entrance from main street
 - 1b Entrance from side street
 - 2 open-air garden
 - 3a Exhibition in old building
 - 3b Exhibition in new building
 - 4 Cafeteria
 - 5 Studio
 - 6 Stage
 - 7 Stage Storage

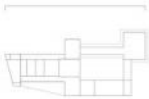
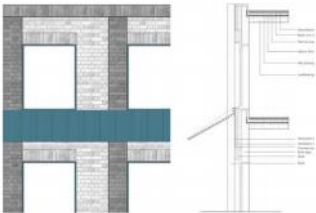
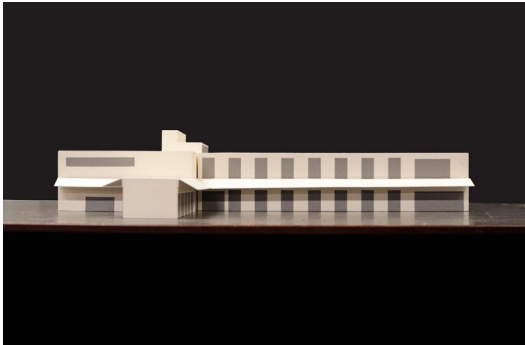
Facade & Details



New and old



Old Part



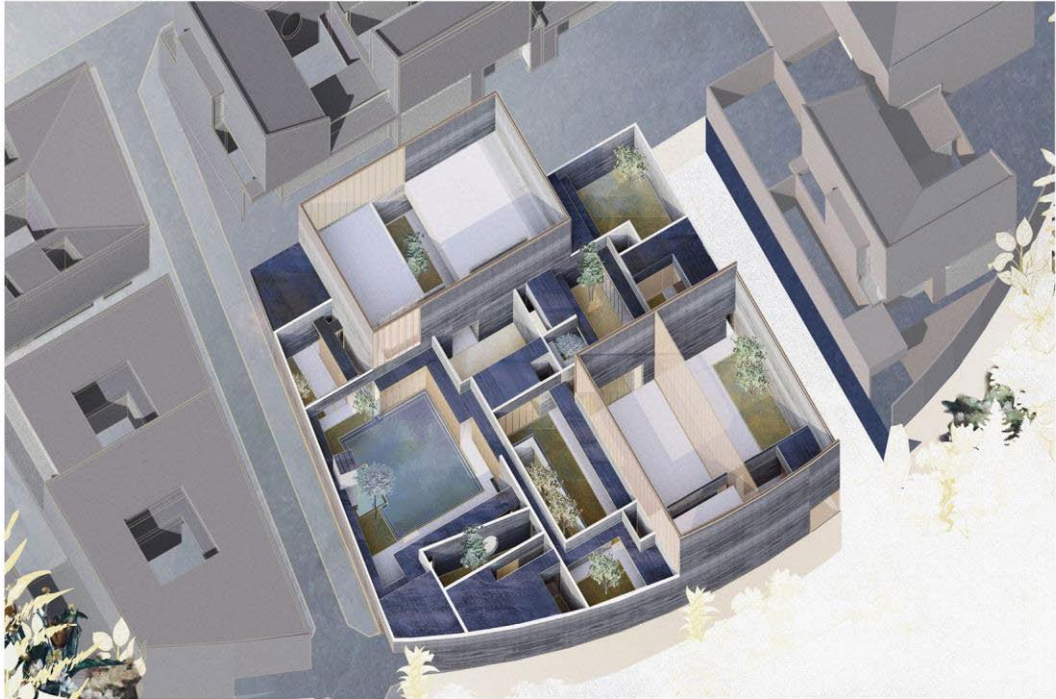
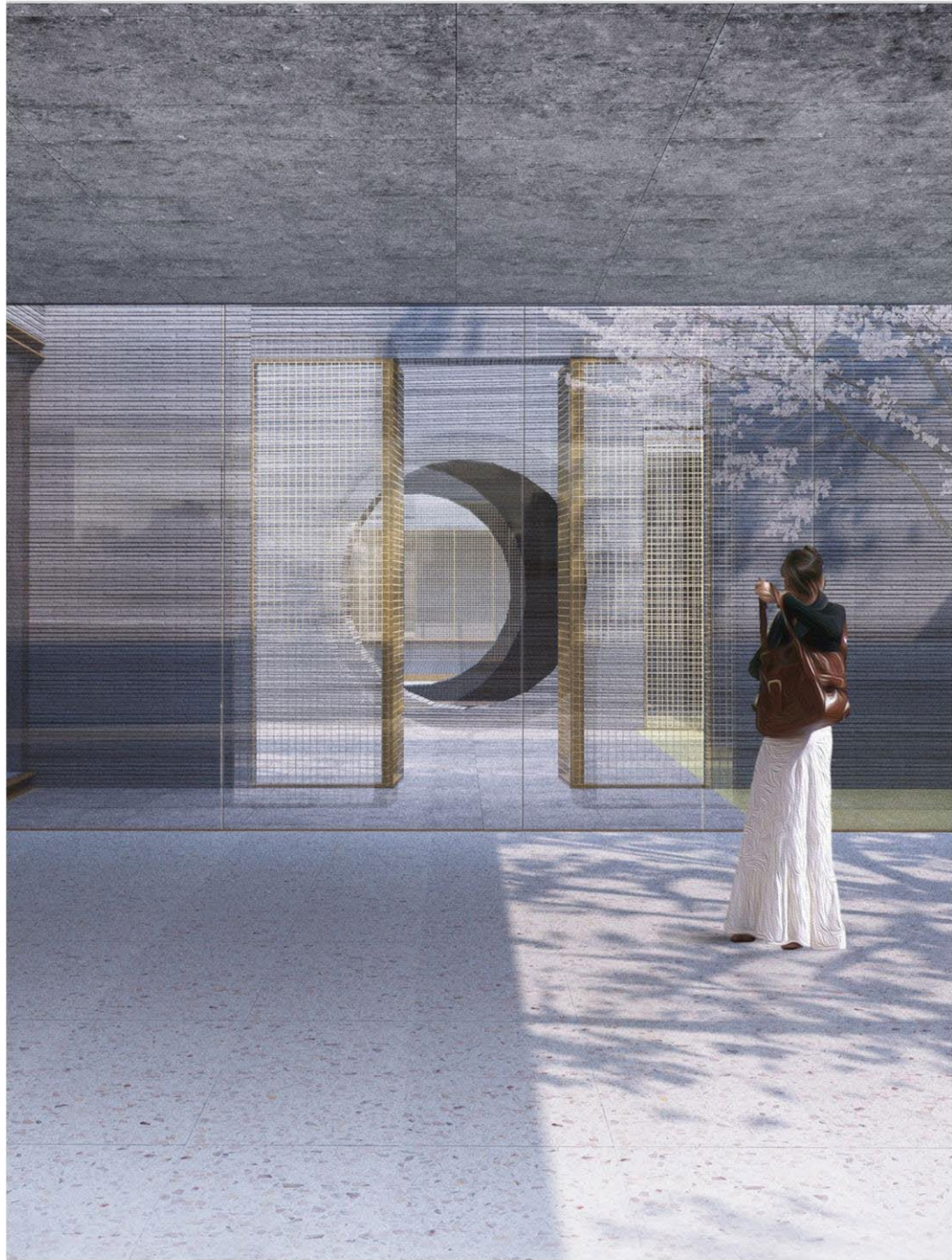
New Part



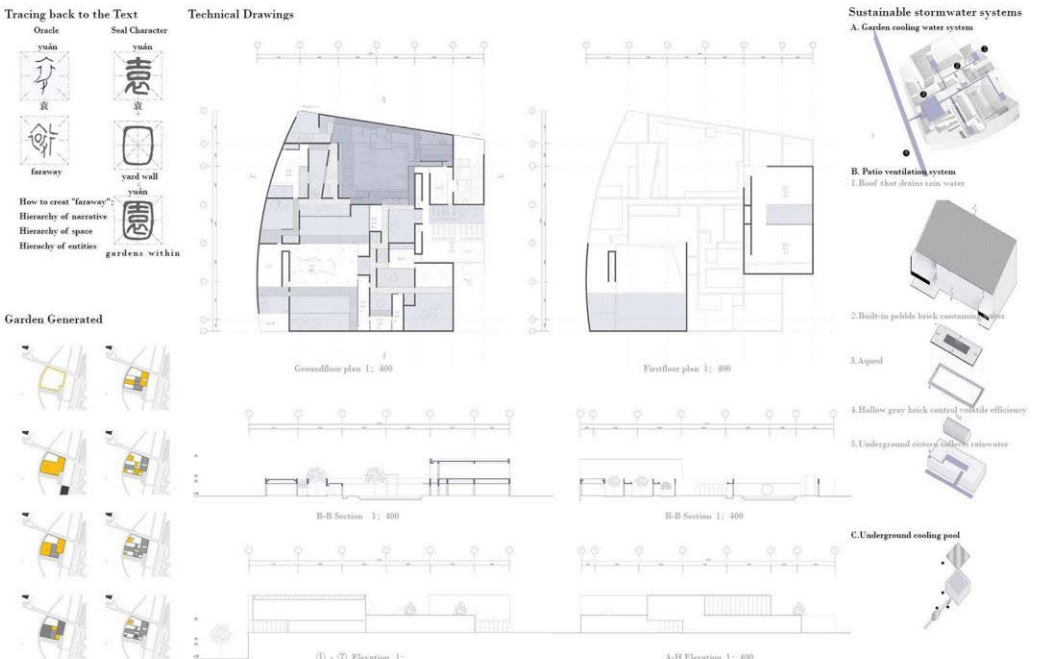
Team: Yanzhi Yang, Zhiyuan Zhang, Yanan Zhou.
Tutor: Daifeng Song. Xiamen, XMU, China, 04/2020.



Historic Scenery Area - Historic district building



Historic Scenery Area - Shu Brocade Culture Park



06

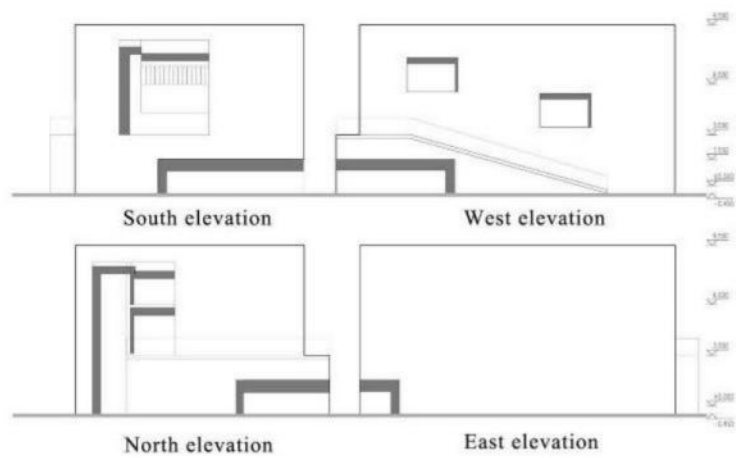
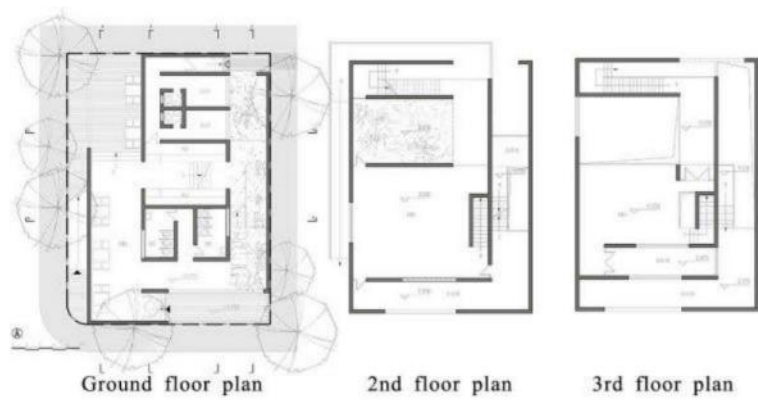
Xiamen Zen Cafeteria

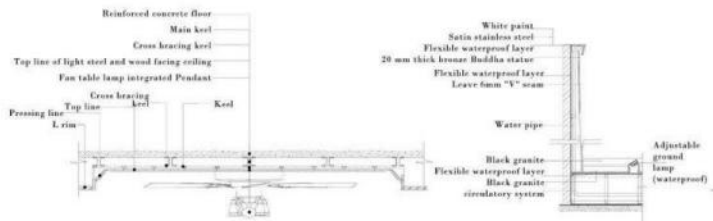
/ Box Motif / Metonymy /



Solo Work

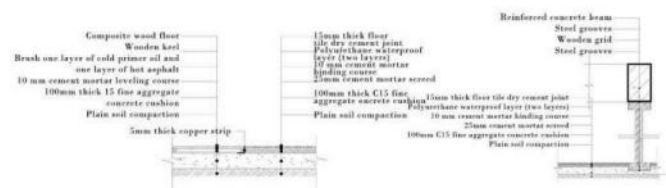
Tutor: Daifeng Song, 05/2017. Xianyu Deng, 05/2018. Xiamen, XMU, China





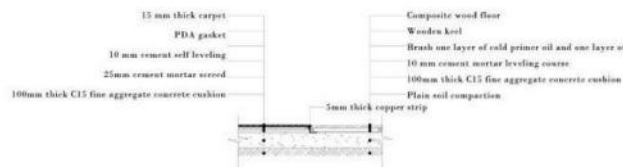
Light steel and wood ceiling

Waterwall

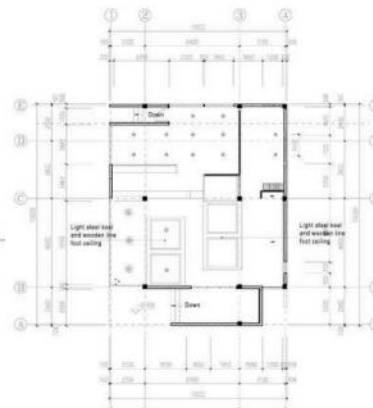


The wood floor is connected with the floor tile

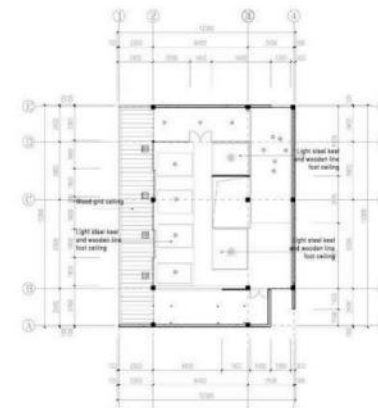
Wooden grid



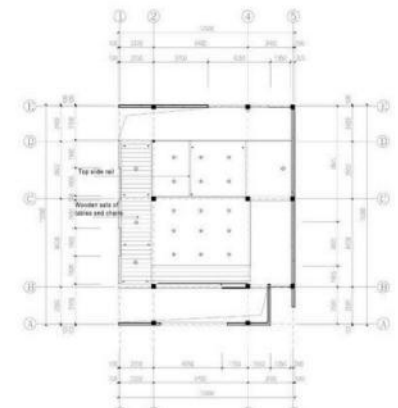
The wood floor is connected with the carpet



First floor ceiling layout



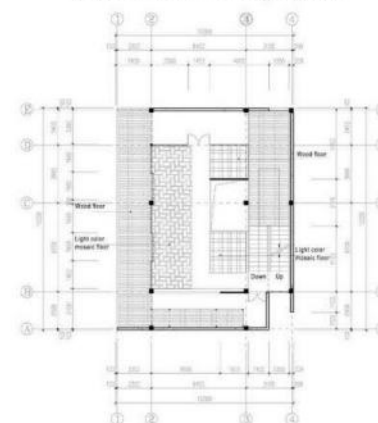
Second floor ceiling layout



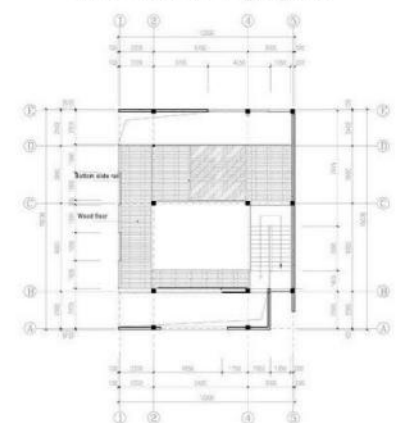
Third floor ceiling layout



Ground layout of first floor



Ground layout of second floor



Ground layout of third floor



DAYTIME PERSPECTIVE

NIGHTTIME PERSPECTIVE