



Marco Vermiglio Portfolio

Marco Vermiglio

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Lecce +39 3401022308

20/01/1990

Italian nationality

OBJECTIVE: Seeking a position as a Architect/Designer

OBIETTIVO: Disponibilità come architetto/designer

education background istruzione e formazione

2107	Architect state examination - Italy
2017	Abilitazione all'Esercizio della professione di Architetto
2013-2016	Faculty of Architecture Construction City Polytechnic of Turin Thesis: COREação: new cores in Asa Norte in Brasilia Master of Architecture 110/110
2013-2016	Facoltà di Architettura Costruzione Città Politecnico di Torino Tesi: COREação: nuove centralità in Asa Norte in Brasilia Laurea magistrale in 'Architettura e ingegneria edile-architettura (LM-4)' 110/110
2014-2015	Faculty of Architecture and urban planning University of Brasilia Thesis: Metro station: focused on interconnection, mobility e permeability in 106-107 e 206-207 blocks. Master of Architecture and urban planning Double degree project - 18 months
2014-2015	Facoltà di Arquitectura e Urbanismo Universidade de Brasília Tesi: Metro station: focused on interconnection, mobility e permeability in 106-107 e 206-207 blocks. Laurea magistrale in 'Architettura e Urbanismo' Programma di Doppia Laurea - 18 mesi
2009-2013	Faculty of Science of Architecture Polytechnic of Turin Thesis: Living tree. Technique and form, between reality and utopia. Bachelor of Architecture 109/110
2009-2013	Facoltà di Scienze dell'architettura Politecnico di Torino Tesi: Abitare l'albero. Tecnica e forma, tra realtà e utopia. Laurea in 'Scienze dell'architettura e dell'ingegneria edile (4)' 109/110

scholarship and awards borse di studio e premi

2014-2015	Brasilia, Double degree project 18 months master exchange
2014-2015	Brasilia, Programma di doppia laurea interscambio di 18 mesi

	2014-2015	Student scholarship provided by Polytechnic of Turin
	2014-2015	Borsa di studio erogata dal Politecnico di Torino
work experience		
esperienza lavorativa		
	May 2017 - Jul 2018	Zeyd Ayad Architectes, Dakar, Senegal Architectural project, architect on construction site Architecture firm
	Mag 2017 - Lug 2018	Zeyd Ayad Architectes, Dakar, Senegal Progettazione architettonica, controllo cantiere Studio di Architettura
	Dec 2016	Cofounder of Capers Group (www.capersgroup.it)
	Dec 2016	Co-fondatore di Capers Group (www.capersgroup.it)
	June - Aug 2016	ARAS PROPERTIES, Lecce, Italy Interior design, postproduction, Cad Architecture firm
	Giug - Ago 2016	ARAS PROPERTIES, Lecce, Italia Architettura d'interni, postproduzione, Cad, modellazione 3d Studio di Architettura
	June - Aug 2015	Private customer, Brasilia, Brasil Architectural project and clay construction activity
	Giug - Ago 2015	Committente privato, Brasilia, Brasile Progettazione e autocostruzione di una unità unifamiliare in terra cruda e bambù
	April - Jule 2012	SI.ME.TE Srl, Turin, Italy Interior design, postproduction, Cad, 3d modelling Company for engineering
	April - Lugl 2012	SI.ME.TE Srl, Torino, Italia Architettura d'interni, postproduzione, Cad, modellazione 3d Studio professionale di ingegneria

competitions		
competizioni		
	Mag 2017	Participation in the competition INNATUR 6 - Nature Interpretation Centre
	May 2017	Partecipazione al concorso INNATUR 6 - Nature Interpretation Centre
	Feb 2017	Participation in the competition KairaLooro Sacred Architecture Tanaf, Senegal
	Feb 2017	Concorso progettazione di un luogo di culto in KairaLooro Sacred Architecture Tanaf, Senegal
	May 2012	Participation in the competition for the best project 'Torino Smar City'
	Mag 2012	Concorso per il miglior progetto sostenibile 'Torino Smar City'

skills

capacità e competenze

AutoCAD	● ● ● ● ●	Revit	● ● ● ● ●	Illustrator	● ● ● ● ●
Rhino	● ● ● ● ●	Blender	● ● ● ● ●	InDesign	● ● ● ● ●
Sketch Up	● ● ● ● ●	Lumion	● ● ● ● ●	Muse	● ● ● ● ●
VRay	● ● ● ● ●	FormZ	● ● ● ● ●	Gimp	● ● ● ● ●
3dsMax	● ● ● ● ●	PhotoShop	● ● ● ● ●	Microsoft Office	● ● ● ● ●

languages
conoscenze linguistiche

Italian Italiano	native language lingua madre
English Inglese	speak fluently and read/write with very good proficiency test IELTS. Final score 6.0 - Upper intermediate (B2) speaking scorrevole e buon livello nel reading/writing prova IELTS. Punteggio finale 6.0 - Livello intermedio (B2)
Portugues Portoghese	speak fluently and read/write with high proficiency speaking scorrevole e ottimo livello reading/writing
Spanish Spagnolo	speak fluently and read/write with very good proficiency speaking scorrevole e ottimo livello reading/writing
French Francese	speak fluently and read/write with good proficiency speaking scorrevole e buon livello reading/writing

other
altro

graphic design | web design | amateur photography | travelling | hiking
graphic design | web design | fotografo amatoriale | viaggiatore | hiking

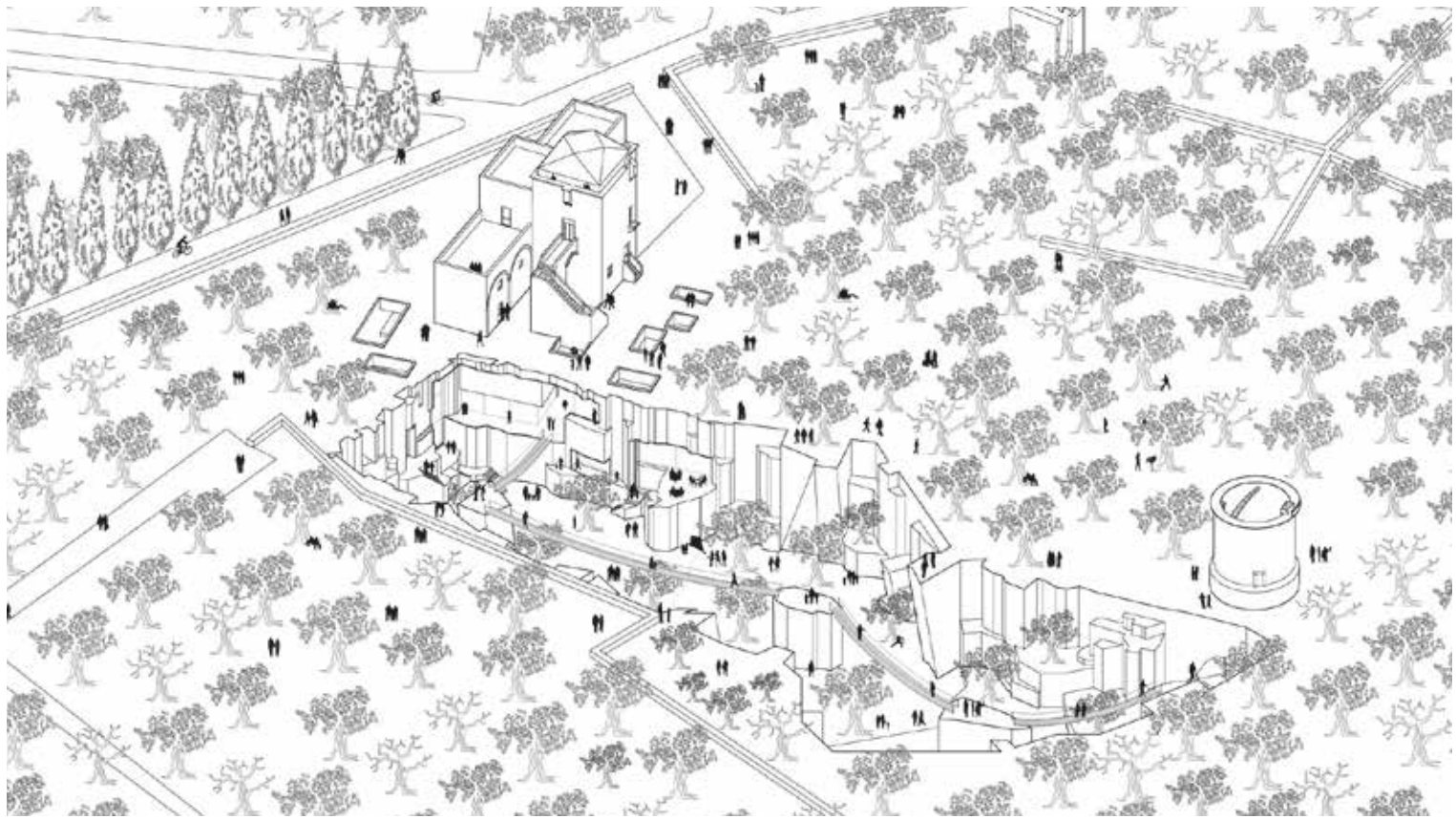
italian driver license
patente di guida (categoria B)

Reference upon request
Maggiori informazioni su richiesta



Marco Vermiglio Portfolio

Competition
Projects



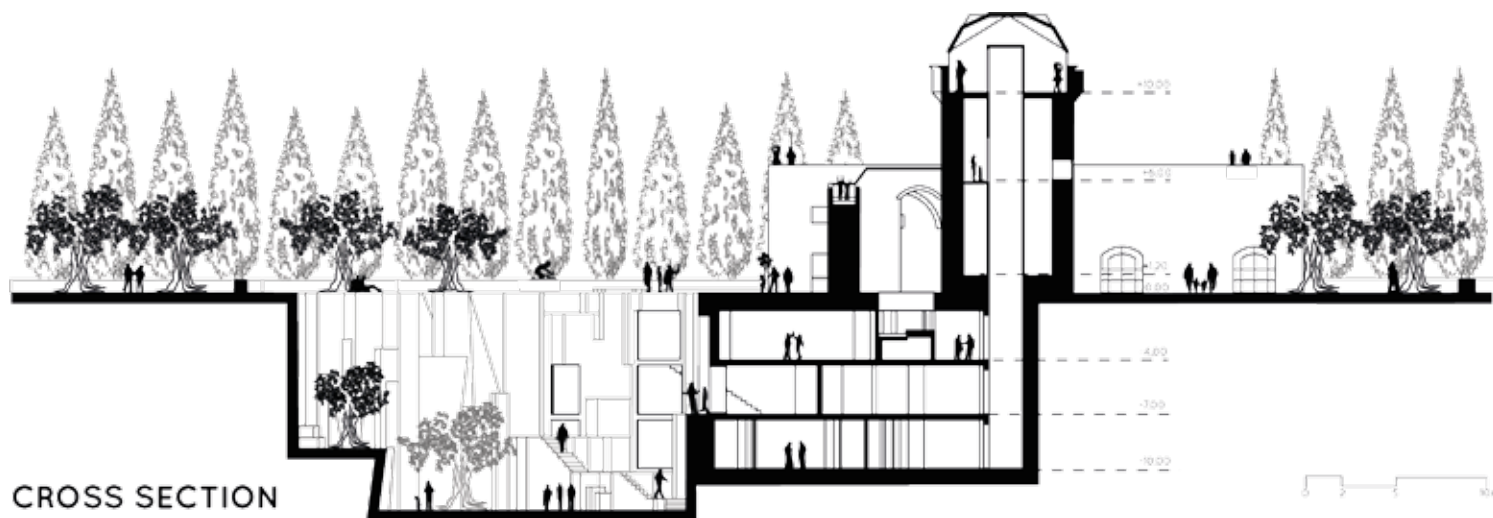
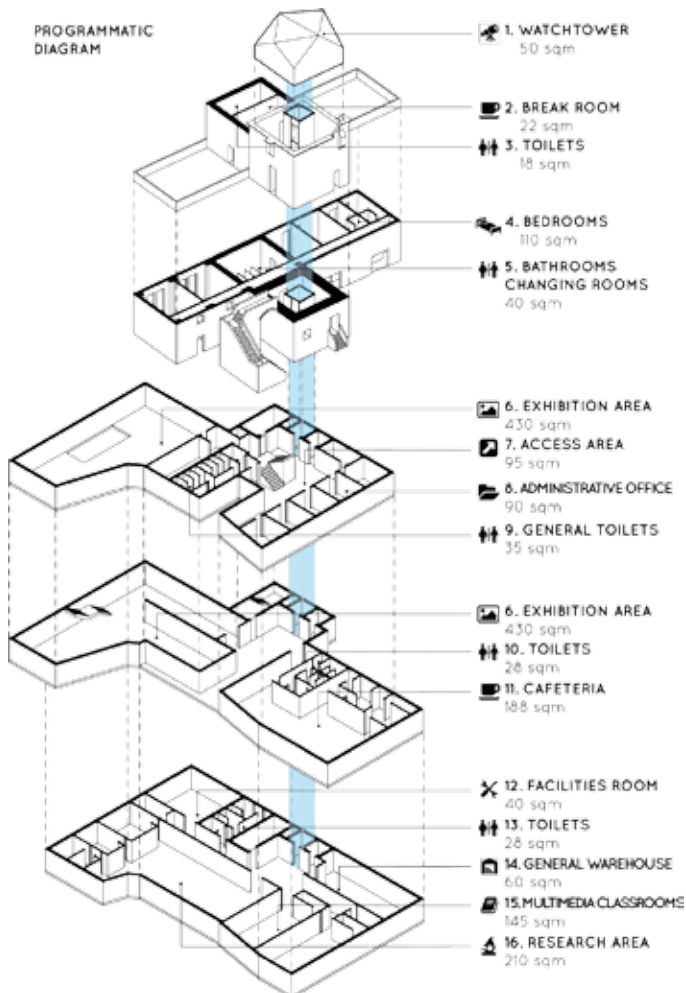
XQZ - XYLELLA QUARANTINE ZONE

Project year 2017
 location Reserve 'Bosco e Paludi di Rauccio', Lecce, Italy
 designer team Marco Vermiglio, Luigi Zullino

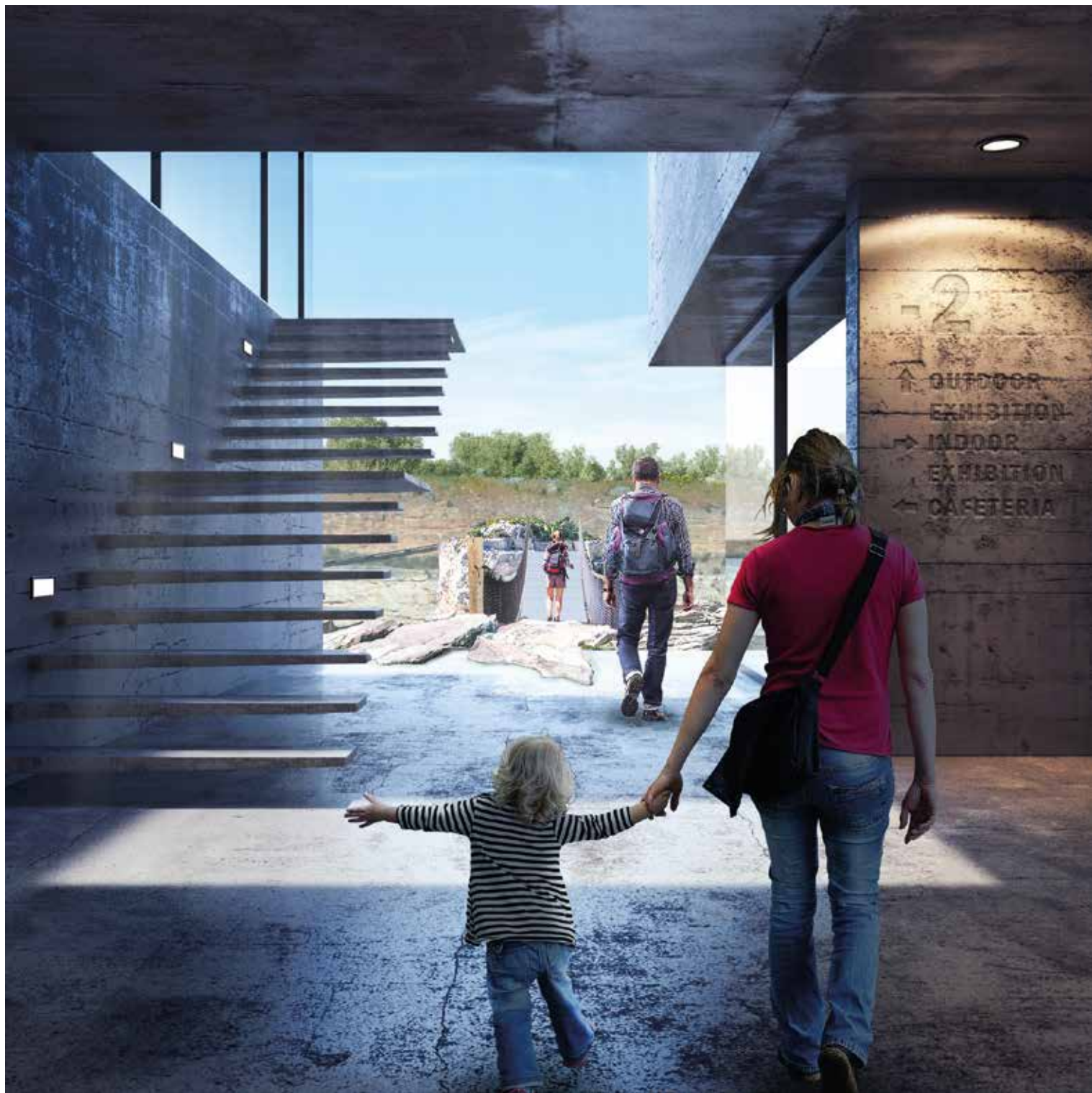
Il Centro di Ricerca è situato al di sotto di una storica masseria fortificata che rappresenta il fulcro del parco naturale regionale. I nuovi spazi sono ricavati dalla roccia calcarea come antichi frantoi e collegati all'edificio esistente fino a raggiungere il 'belvedere' e punto di guardia. La torre domina l'intera area, controllando l'espansione dell'infezione Xylella così come si faceva nel XV secolo coi pirati Saraceni. La cava di pietra è pensata come una metaforica zona di quarantena dove fare ricerca contro l'infezione. Il gruppo di studio del Centro analizza e preserva la crescita degli ulivi sperimentando metodi di cura alternativi.

The Research Institute is situated under a historical fortified farmhouse, heart of regional natural reserve. The new building, carved into limestone rock as ancient underground olive presse, links the new volumes to those of ancient mansion up to the roof of watchtower. On the top the new observatory dominates the area monitoring the expansion of Xylella infection such as Saracen incursions in the 15th century. The entire limestone quarry is conceived as a metaphorical quarantine zone where border walls are replaced by research to stop the spread of infectious diseases. The think tank analyzes and preserves olive trees developing and looking for alternative methods of treatment to defeat Xylella infection.

PROGRAMMATIC
DIAGRAM









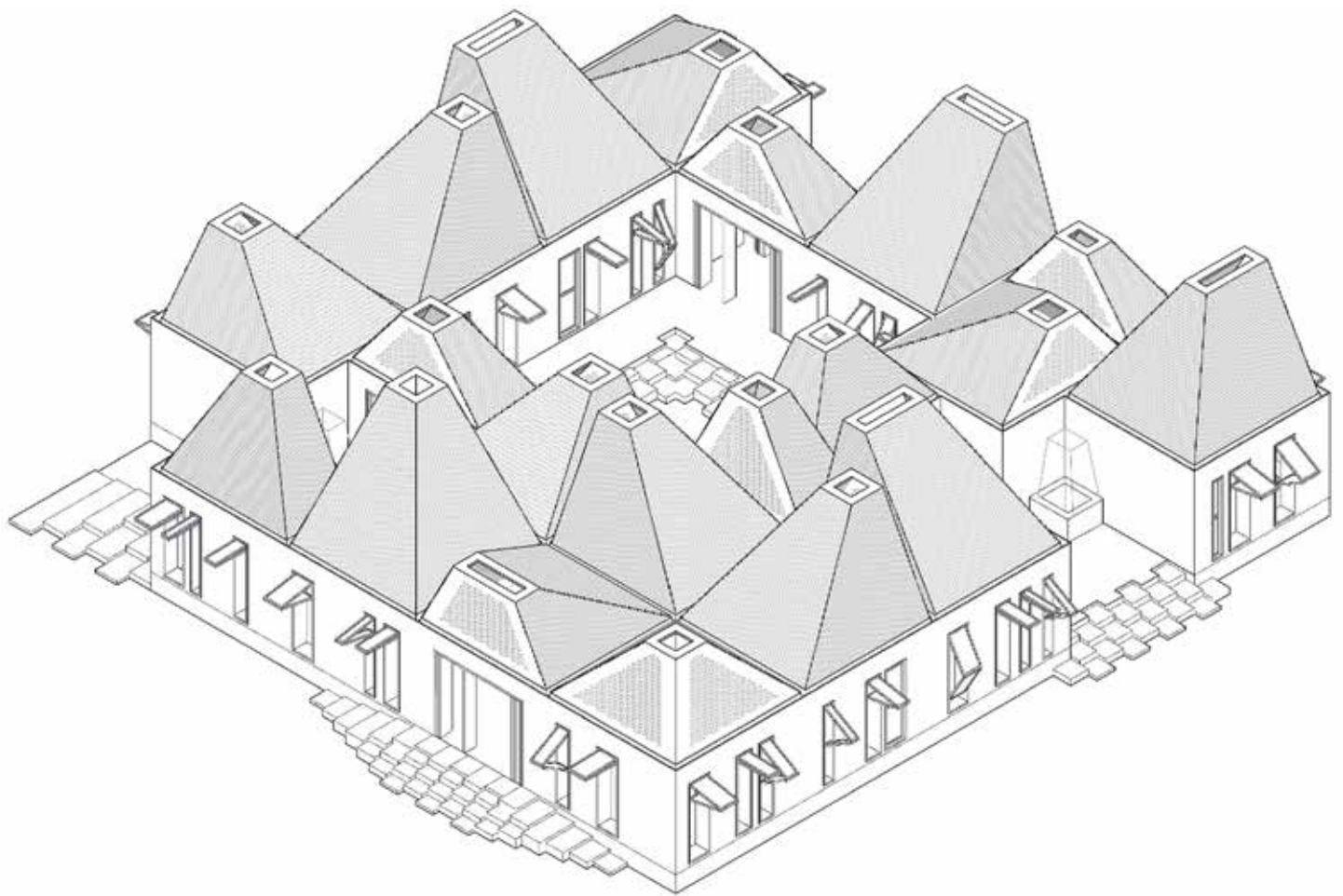


Frusta - KairaLooro Competition

Project year 2017
location Tanaf, Casamance, Senegal
designer team Marco Vermiglio, Luigi Zullino

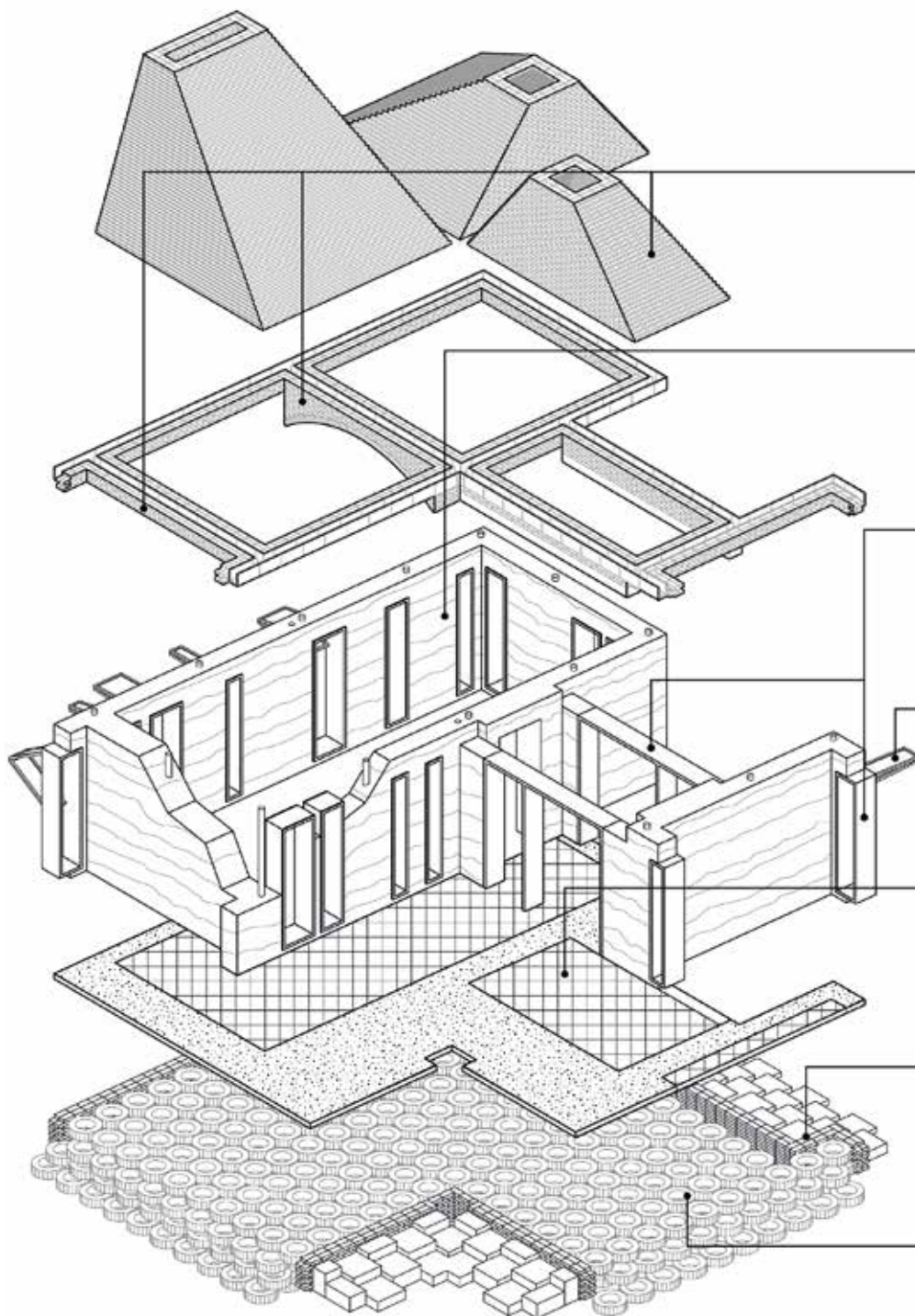
Nel progetto i vari moduli dell'edificio sono disposti intorno al patio creando un'alternanza di spazi aperti e spazi chiusi destinati a differenti tipologie di uso. Da un lato del patio troviamo la biblioteca e l'aula scolastica, dall'altra la zona umida dei servizi. La sala della preghiera, di grandi dimensioni, è connessa direttamente al patio e ad una torre per il richiamo alla preghiera delle varie fedi.

In Frusta project, all units follow a regular scheme creating a sequence of spaces, empty and full, patios, modular volumes and flexibility of uses. All volumes are connected by three corridors, that also represent gates to the main patio designed as collective gathering space. On one patio's side an educational area hosts a library and a classroom, on the other side general toilets are located in other branch. The prayer hall, connected to the patios, opens to the street through a big portal and represents the biggest area with a management room and a tower calling prayer annexed.



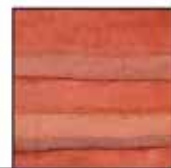
Axonometric view

Axonometric detail



Mud Bricks

Mud bricks are made by mixing earth with water, placing the mixture into moulds and drying the bricks in the open air. They offer advantages due to their greater thermal mass.



Rammed earth

Rammed earth walls are made with local earth, lime, or gravel and reinforced with palm wood structure. It regulates humidity in internal space, absorbing heat during daytime.



Baobab wood

Baobab wood is a common material in the area, strong and used as final finishes and as structural material.



Mangrove wicker

The Mangrove young and slender roots are interwoven in such a way as to craft wicker sunshaders.



Cotto tiles

It can be easily produced locally. In addition, it is an optimal solution for public spaces with a wide range of users.



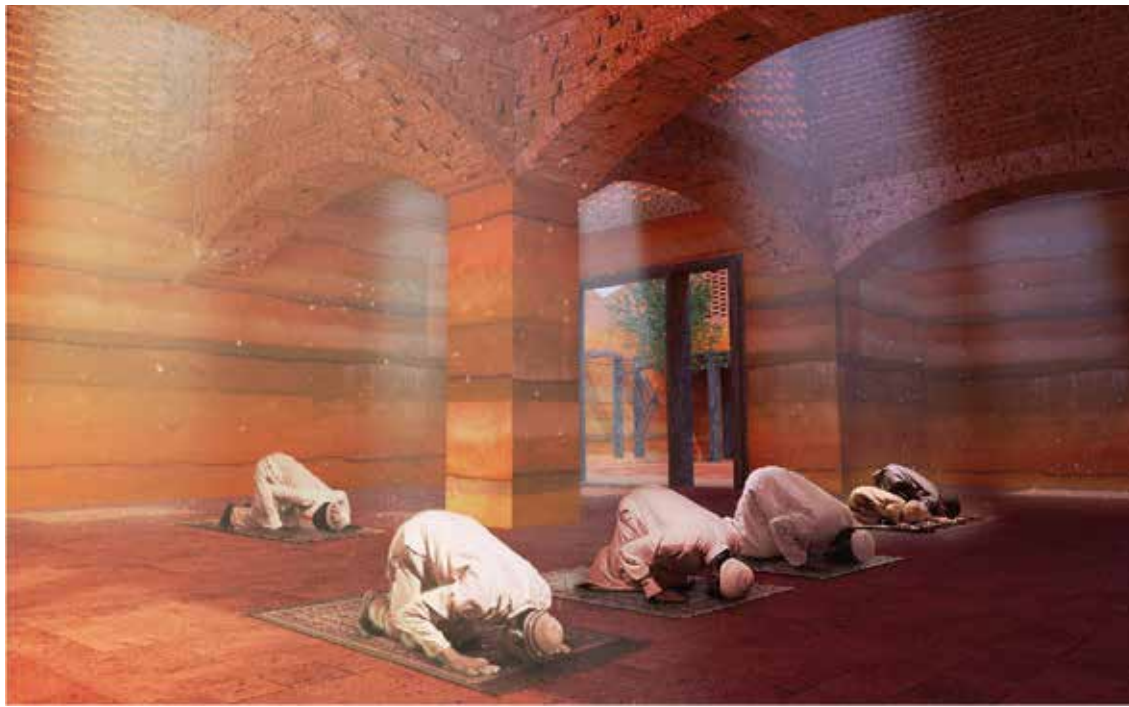
Stones/Bricks

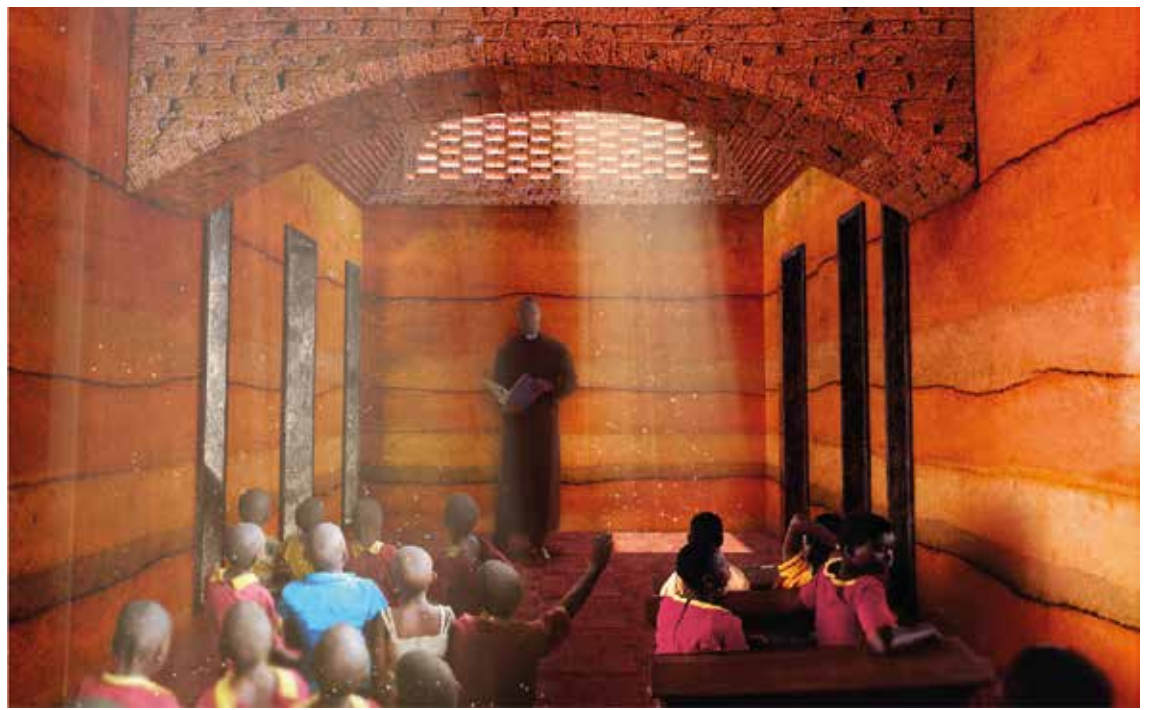
They are used to contain the perimeter foundation of tires and to make stairs to reach the floor plating.



Tires

The foundation has been conceived following a technique which reuses old tires stacked and bonded together and filled with pressed earth.





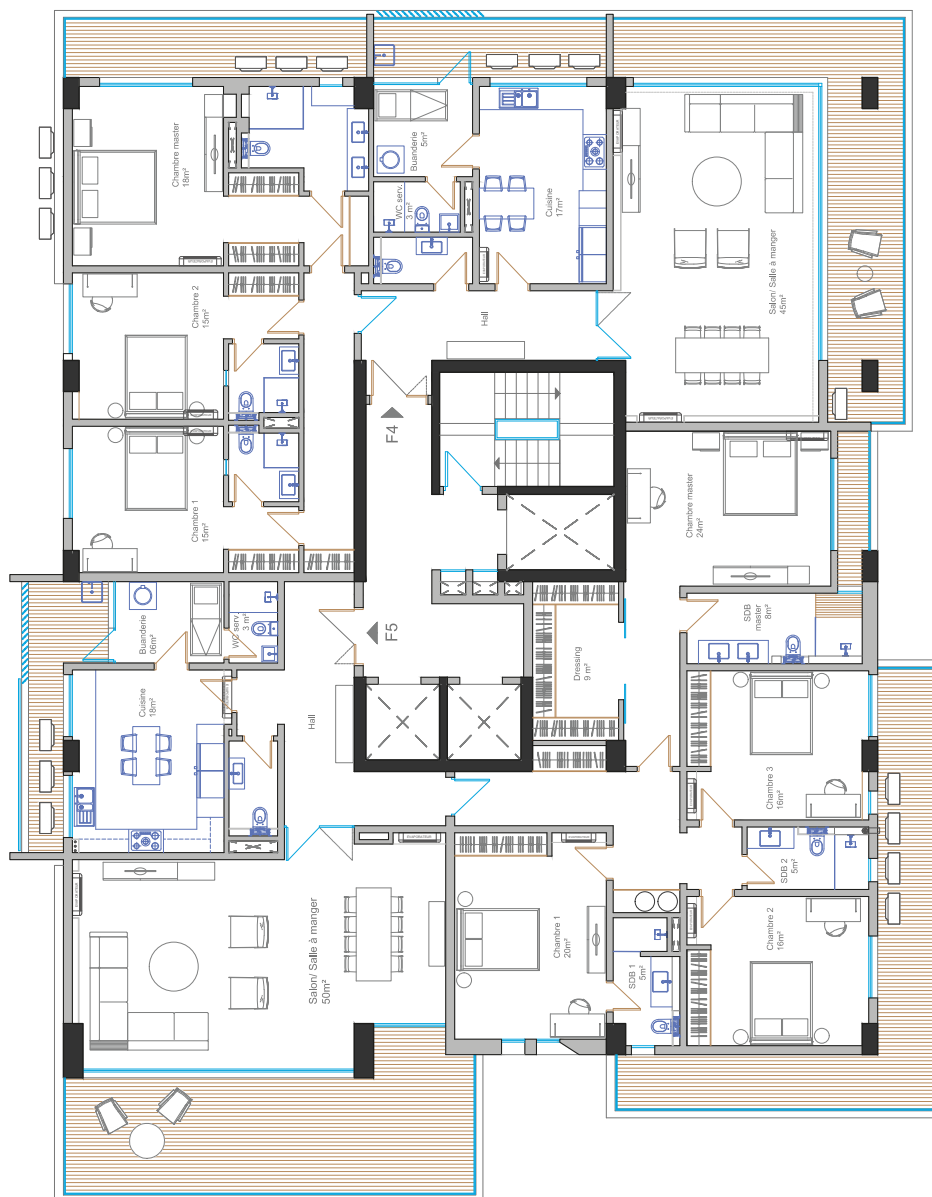
Projects
in partnership



Immeuble centre-ville

Project year 2018
location Dakar, Senegal
designer team Marco Vermiglio, Zeyd Ayad - ZAA Architectes - www.zaarchitecte.com
status in construction





Batiment A

F4:190m² F5:250m²
Terrasse: 45m² Terrasse: 70m²

Used softwares:



AutoCAD



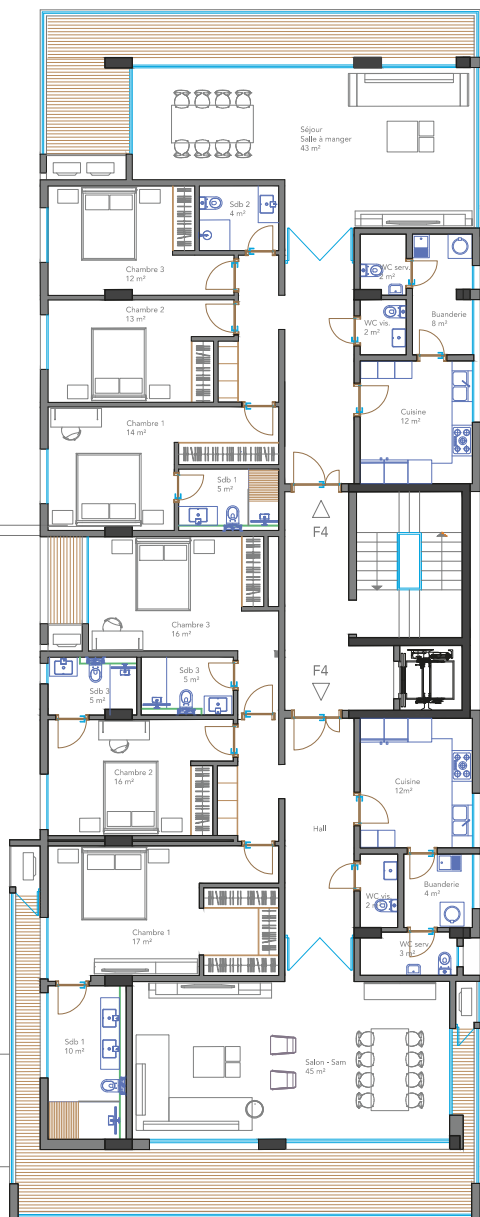
SketchUp



Seafront building

Project year 2017
location Dakar, Senegal
designer team Marco Vermiglio, Zeyd Ayad - ZAA Architectes - www.zaarchitecte.com
status project





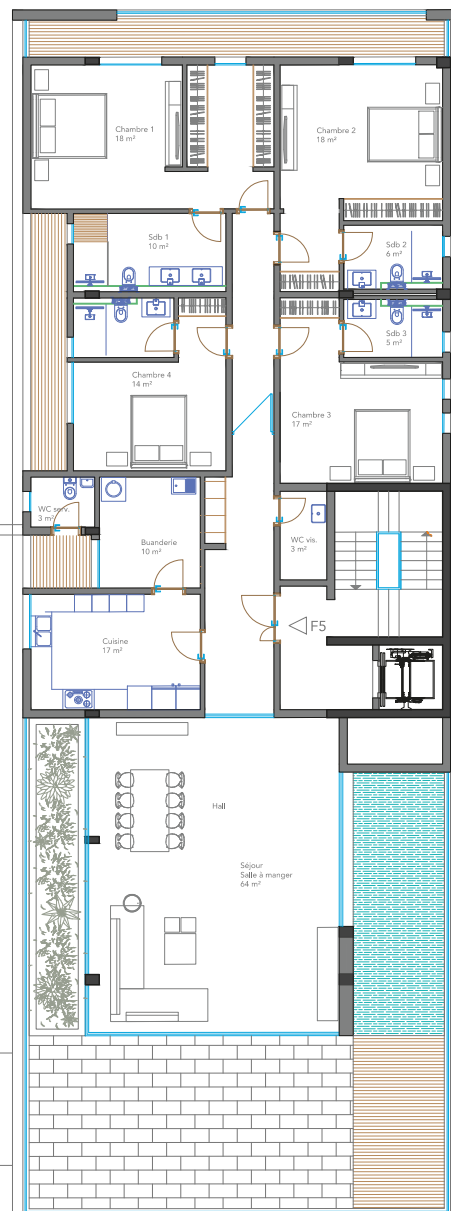
ETAGES 1 À 4

F4a:150m²

F4b:180m²

Terrasse: 25m²

Terrasse: 35m²



ETAGES 5

F5:250m²

Terrasse: 130m²



Shopping center

Project year 2017
location Dakar, Senegal
designer team Marco Vermiglio, Zeyd Ayad - ZAA Architectes - www.zaarchitecte.com
status in construction





Used softwares:



AutoCAD



SketchUp



Projects
CAPers group



Mbao Apartments

Project year 2018
location Mbao, Dakar, Senegal
designer team Marco Vermiglio, Luigi Zullino

The project is located in Mbao, a town in metropolitan area of Dakar. The long and narrow lot (30x10m) is the result of a wild parcelling.

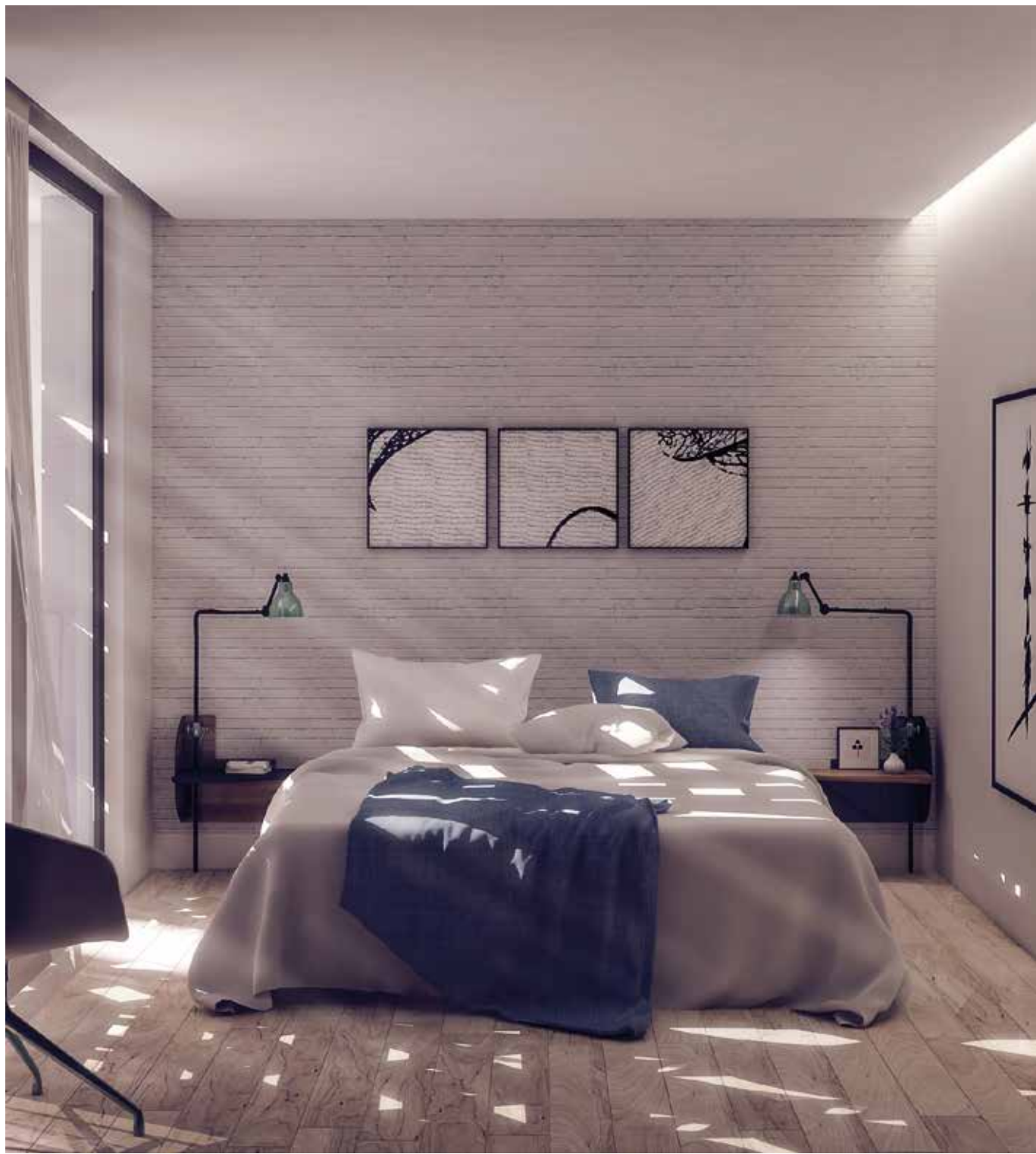
Volumes are set at short sides, facing the street, creating a patio in the middle of lot which helps bringing light and ventilation into the building, thus, providing enough natural light into the apartments.

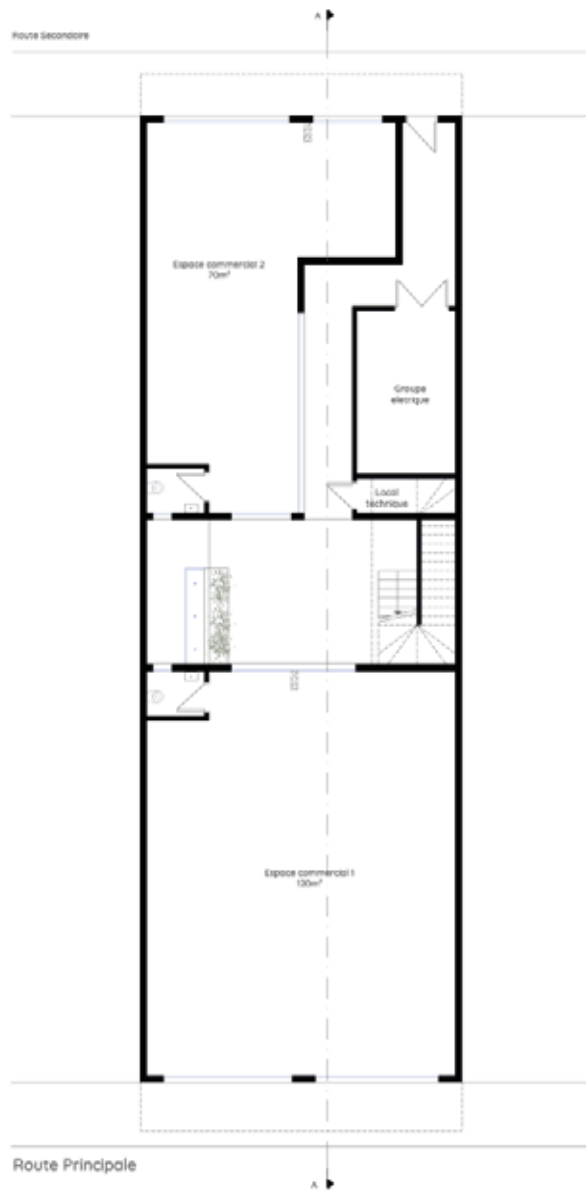
On the ground floor, two commercial areas are divided by the patio which accommodates a Muslim place with an ablution area. Residential entrance, in the side street, is linked to open stairwell on one side of patio.

Rooftop is divided in two part, a lounge area with pergola from one side and a technical area with solar panels on the other side. In the façades, ground floor can be distinguished from three other floors because of concrete screen wall of balcony.









RDC

0 1 5m



ÉTAGE COURANT

0 1 5m





Used softwares:



AutoCAD



REVIT



SketchUp



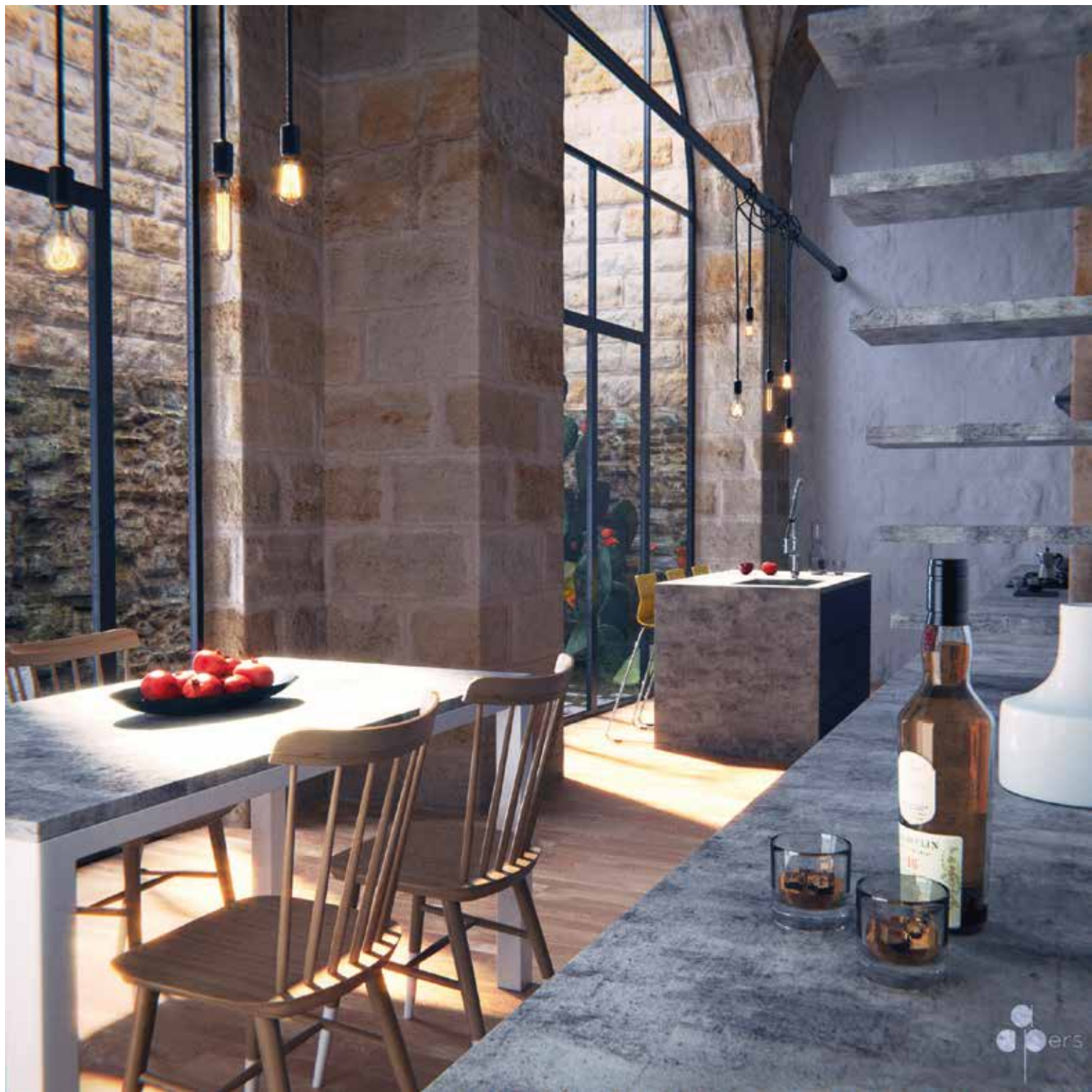


2P House

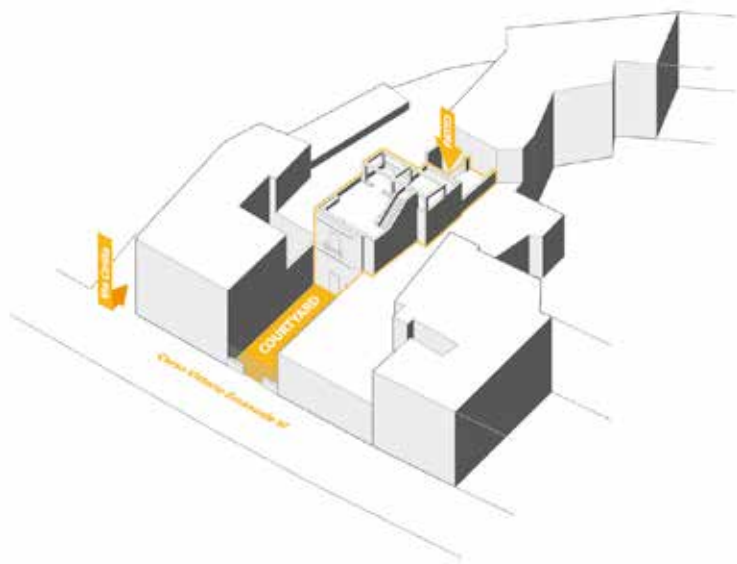
Project year 2016
location Surbo, Puglia, Italy
designer team Marco Vermiglio, Luigi Zullino

2P House è inserita nel centro storico cinquecentesco di Surbo, enclava nel territorio di Lecce, città famosa per il suo barocco. Si tratta di un edificio posto in un lotto stretto e lungo, con due distinti patii lungo i lati corti. L'intento del progetto è quello di riunificare le due unità residenziali in un'unica casa unifamiliare restaurando l'edificio storico in chiave moderna.

The single family house is located in the 15th-century town center of Surbo, right near Lecce, famous city of Italian Southern baroque. It is a traditional long and narrow lot house with two patios at short sides of the lot. The project aims to merge the two different building units in a single-family house, and to restore the entire building.









Used softwares:



AutoCAD



Rhinoceros



blender





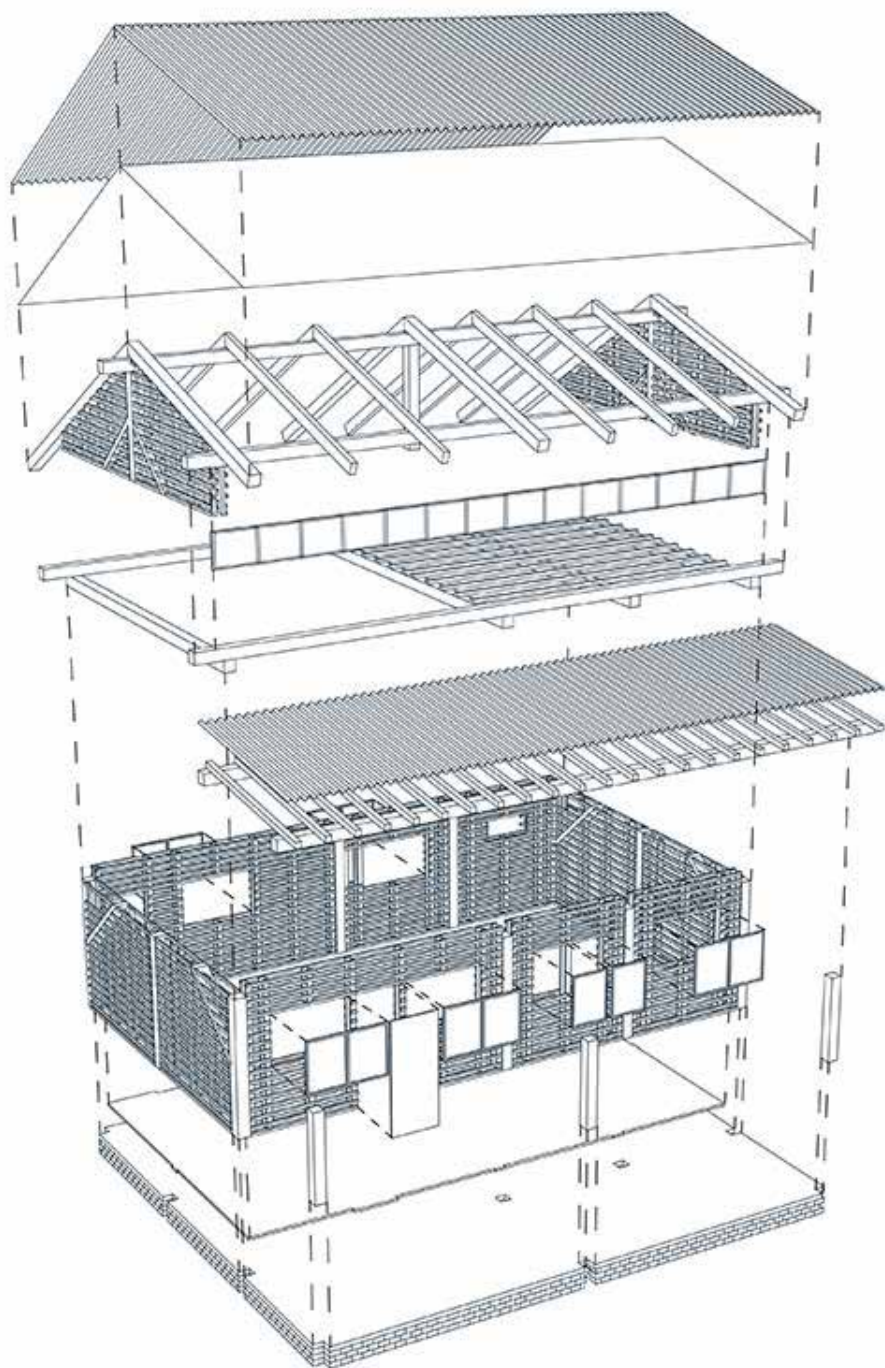
Daher country house

year spring 2015
location Lago Oeste, Brasília, Brasil
designer team Marco Vermiglio, Luigi Zullino

Al limite del Distretto federale di Brasília, in piena savana brasiliana si inserisce 'Daher country house', una residenza privata ecologica in stretta relazione con la natura e il panorama. Costruita interamente secondo una tecnica tradizionale costituita da un'ossatura portante in legno riempita con un'impasto di terra e sostanze organiche (paglia, letame).

Daher country house is located to the border of Federal District of Brasília, in the middle of brazilian savanna. The eco-friendly house's design provides views of the outside natural space from almost every corner of the home. The system construction is composed of a woven lattice of wooden strips with a sticky material usually made of some combination of wet soil, clay, sand, animal dung and straw.

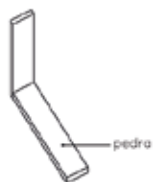




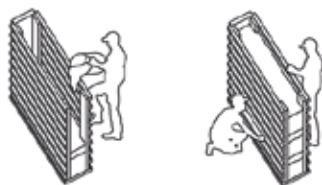




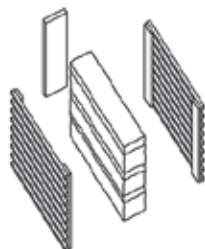
REFORÇO BASE



MOLDADO E PRENSADO



DESENHO EXPLODIDO



PAREDE DE TERRA



Used softwares:



**Academic
projects**

An architectural rendering of a park area. It features a wide, light-colored paved path that curves through a lush green landscape. There are several large, mature trees with dense foliage. In the background, a modern building with a glass facade is visible. Two people are walking on the path, and another person is standing near a small structure. The overall scene is bright and sunny, with shadows cast on the ground.

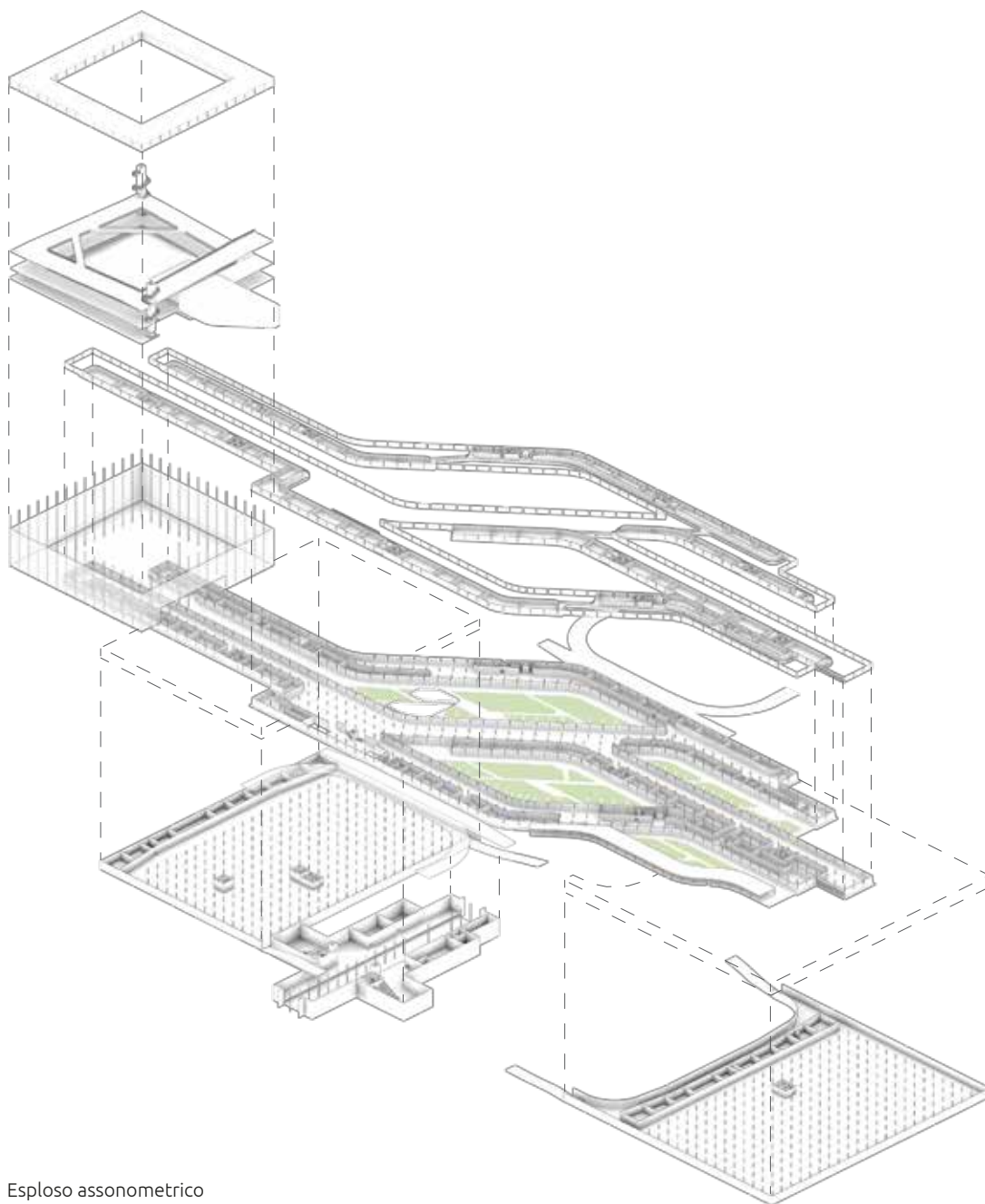
Master thesis COREação: new cores in Asa Norte in Brasília

year 2015-2016
location Ala Norte, Brasília, Brasil
designer Marco Vermiglio

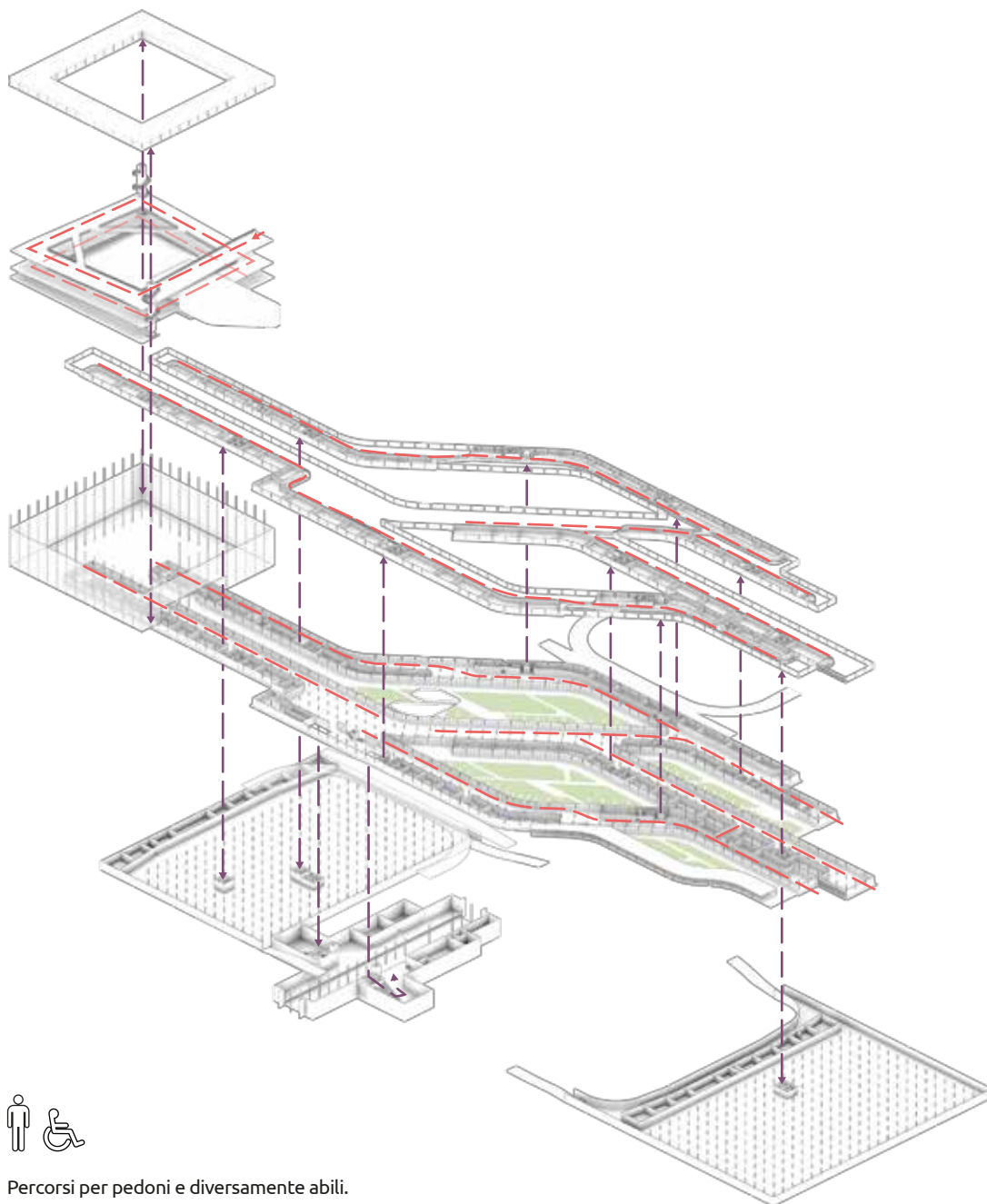
L'oggetto di studio della tesi consiste nella progettazione di un polo multifunzionale con annessa una stazione metropolitana in una zona centrale della città di Brasília, più precisamente nel quartiere Ala Nord della città. Il nuovo insediamento, oltre ad ospitare aree commerciali e culturali (museo e teatro), sarà munito di differenti servizi urbani come passaggi pedonali e ciclabili sotterranei, nuovi collegamenti infrastrutturali con parcheggio sotterraneo annesso.

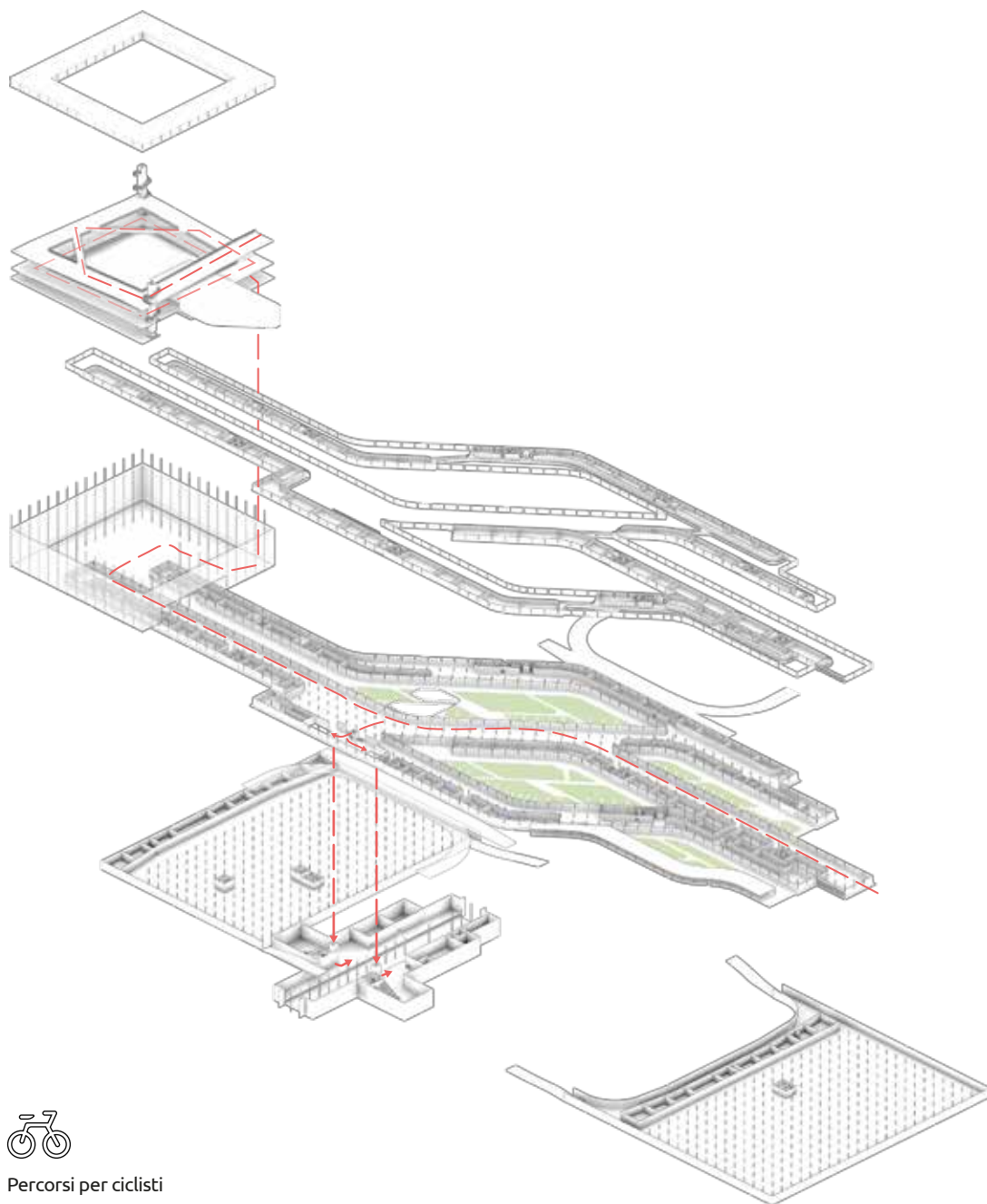
The project deals with architecture, urbanistic design and social issues and focus on requalification of a central area in Brasília's urban plan implementing a multifunctional metropolitan station. Through new roads, cycle and pedestrian connections the project links two different parts of city divided by a high speed infrastructure turning a simple metro station into a multicultural centre equipped with different facilities (museums, shops, restaurants, public offices) and public places (squares, meeting places).



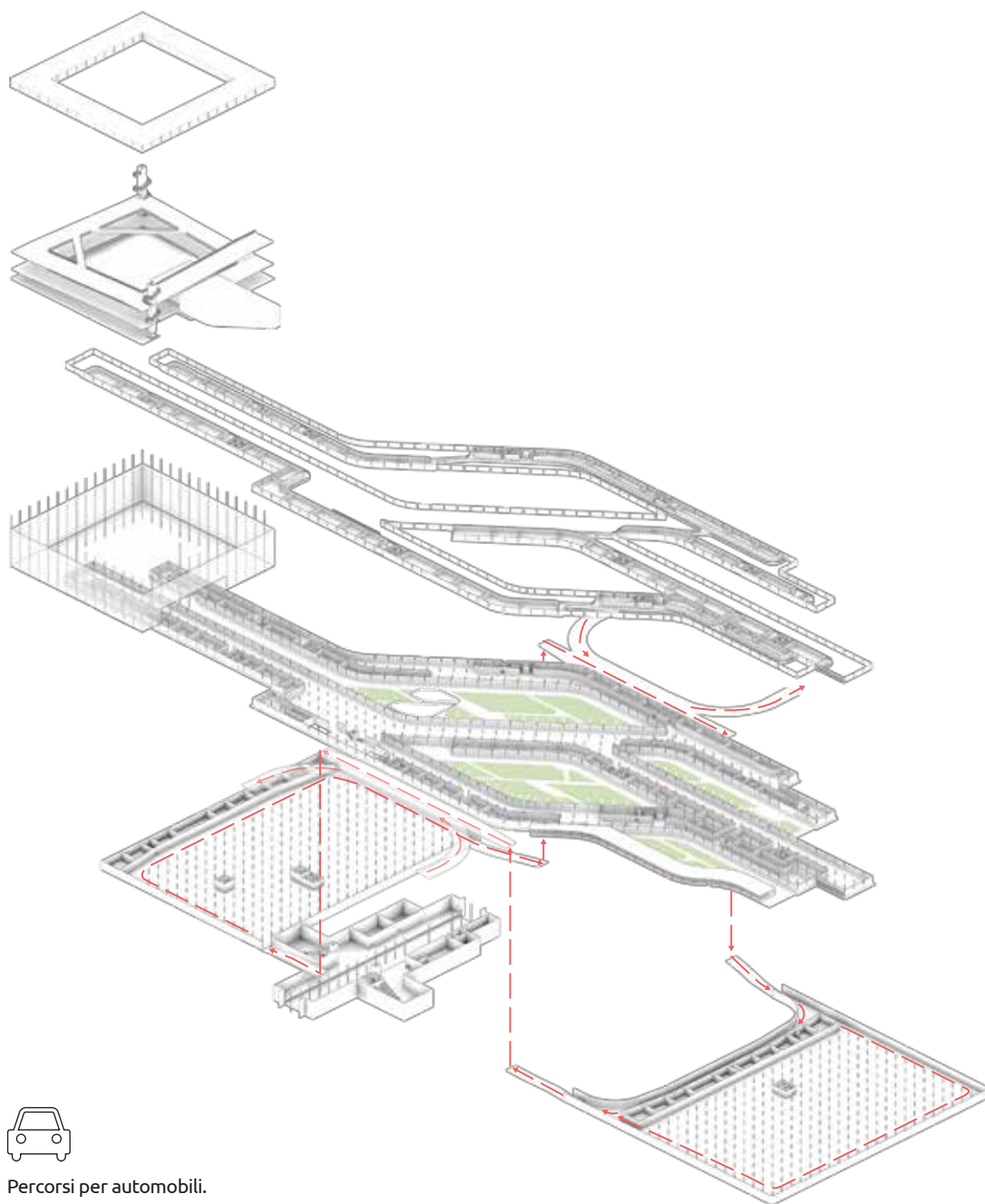


Esploso assonometrico

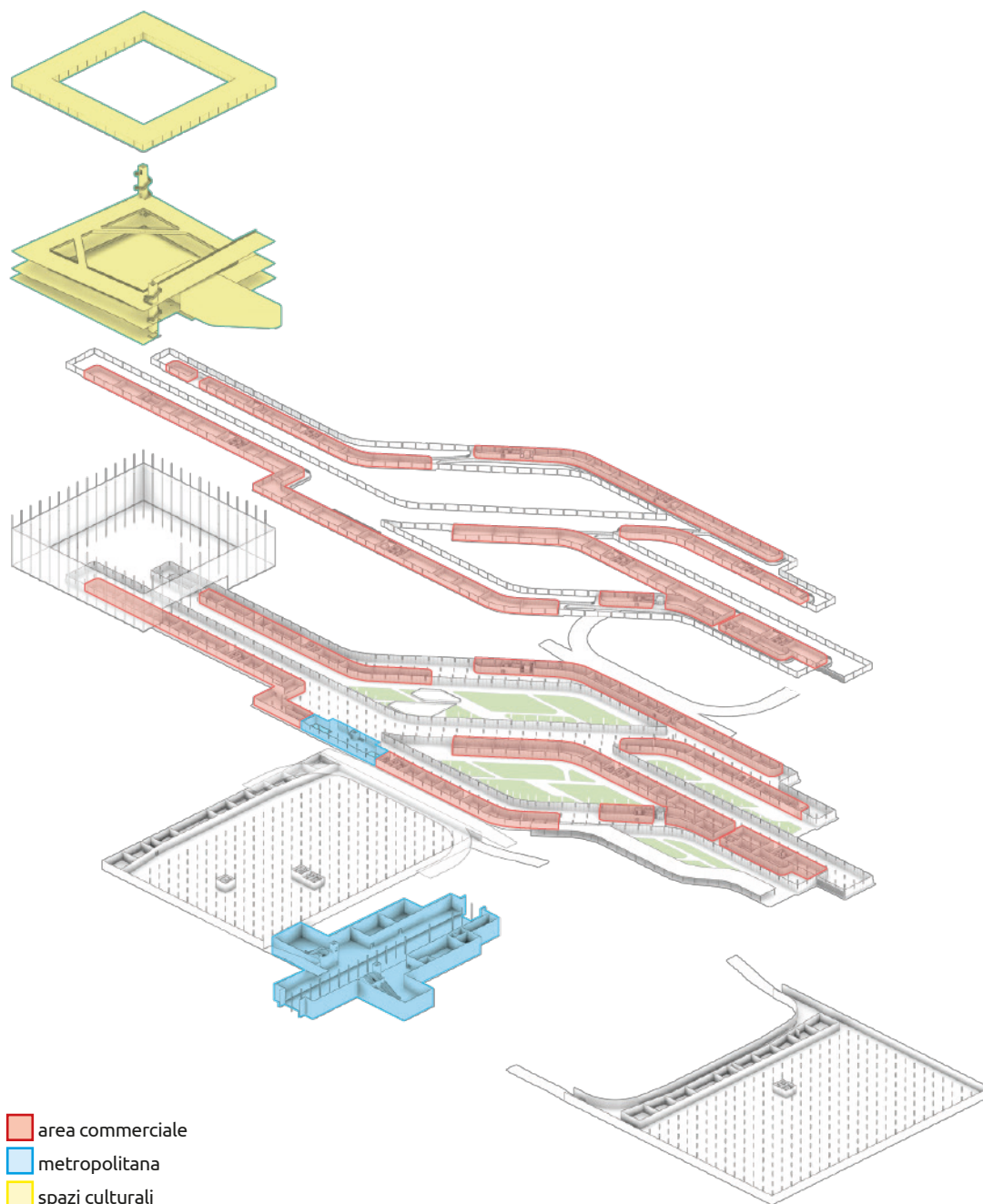


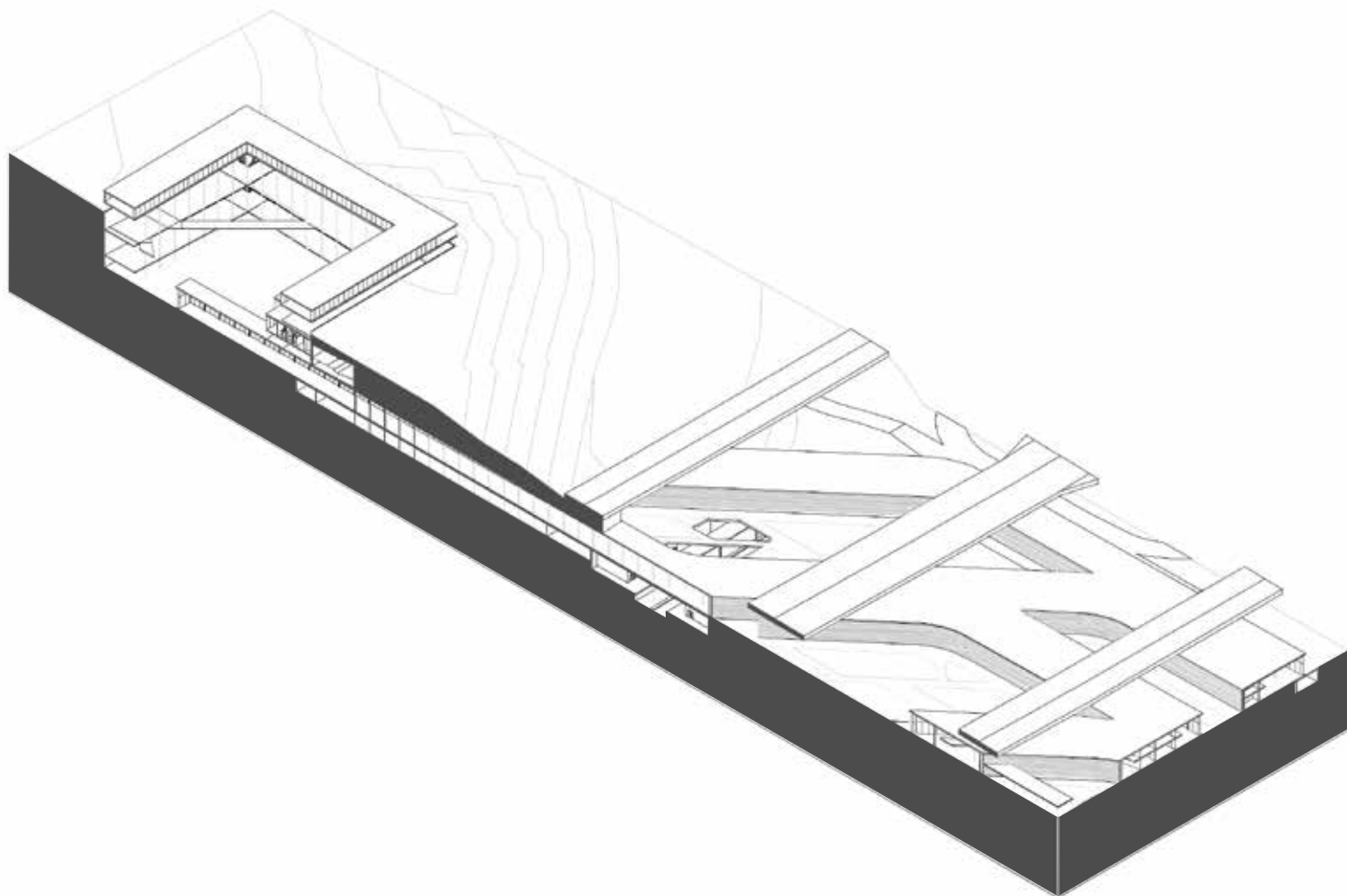


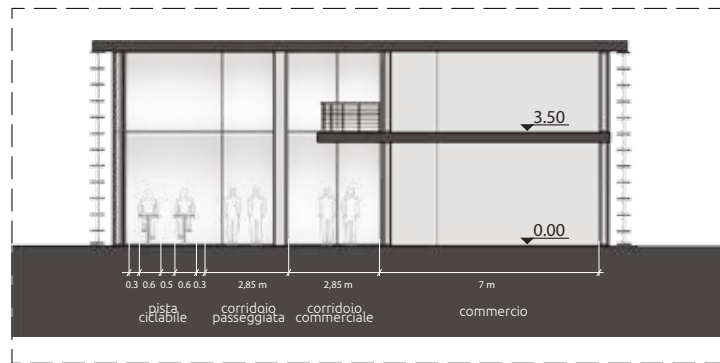
Percorsi per ciclisti



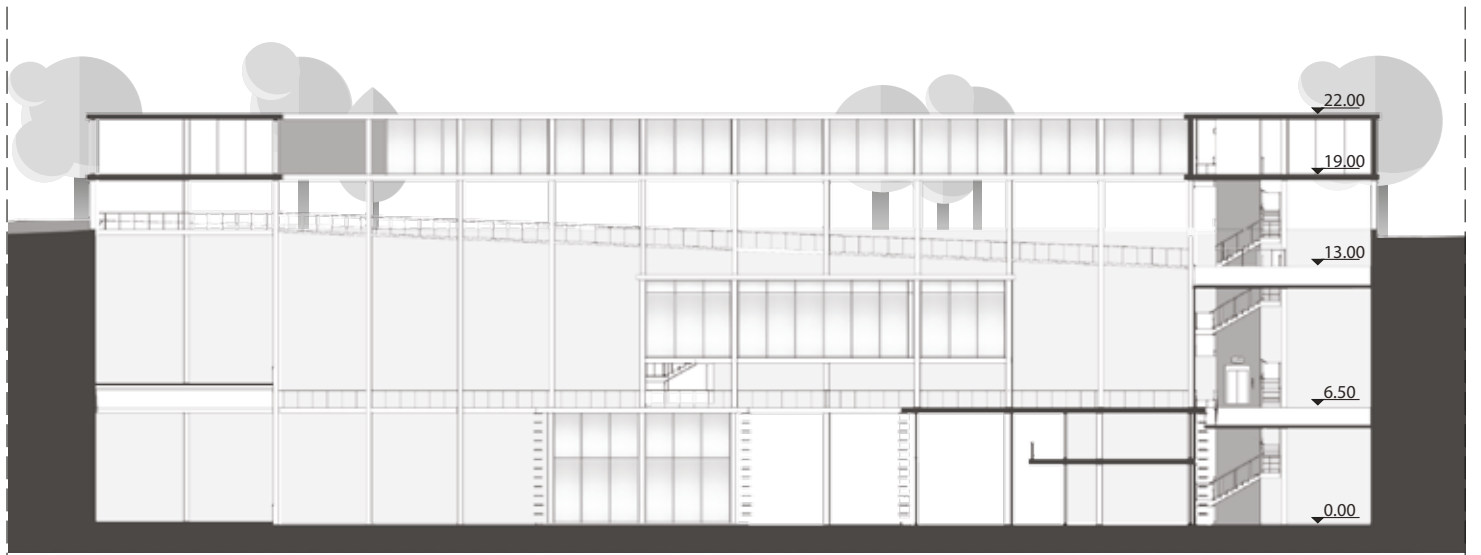
Percorsi per automobili.







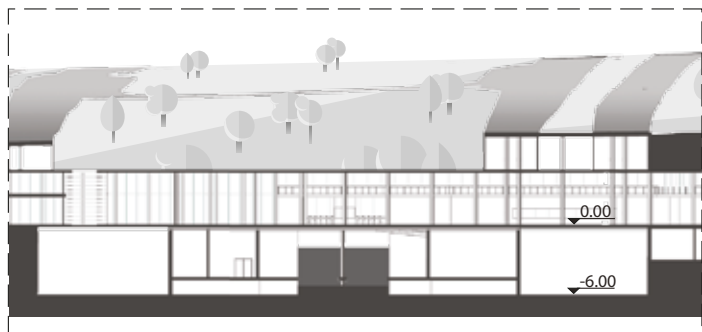
Sezione CC



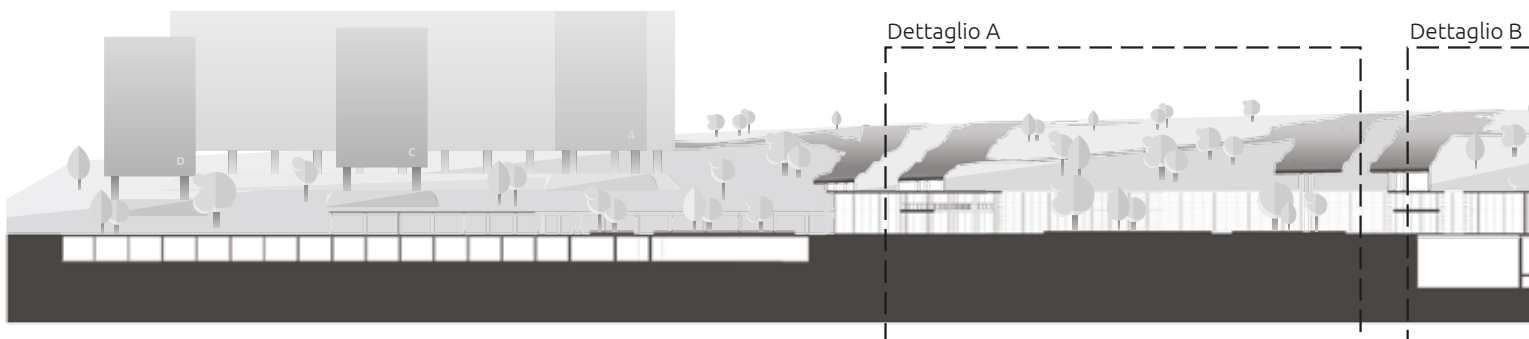
Sezione BB



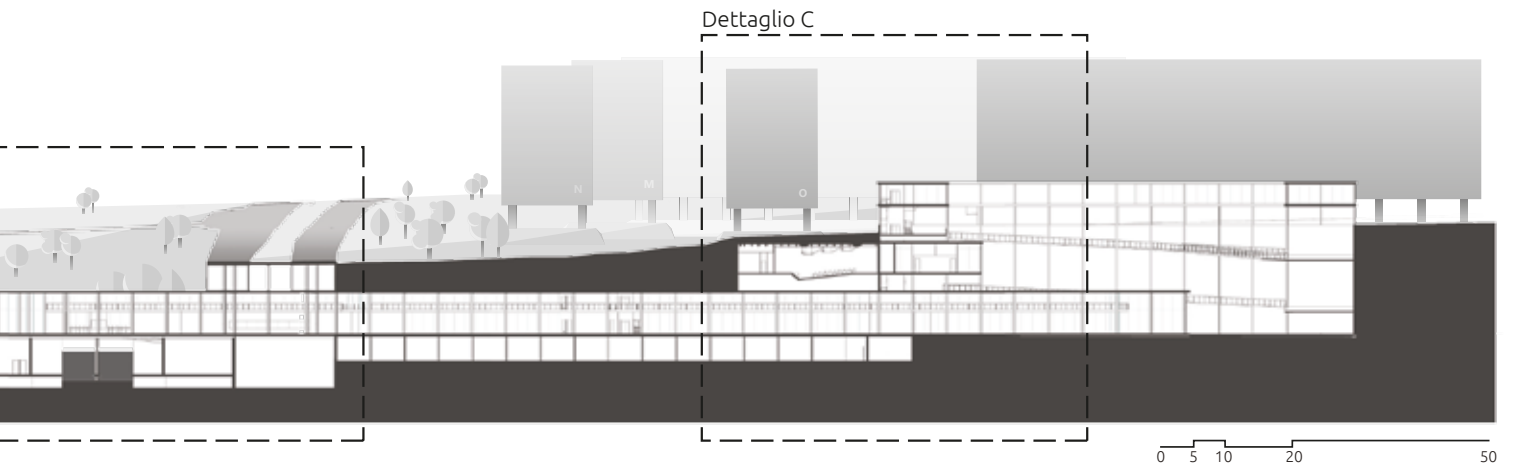
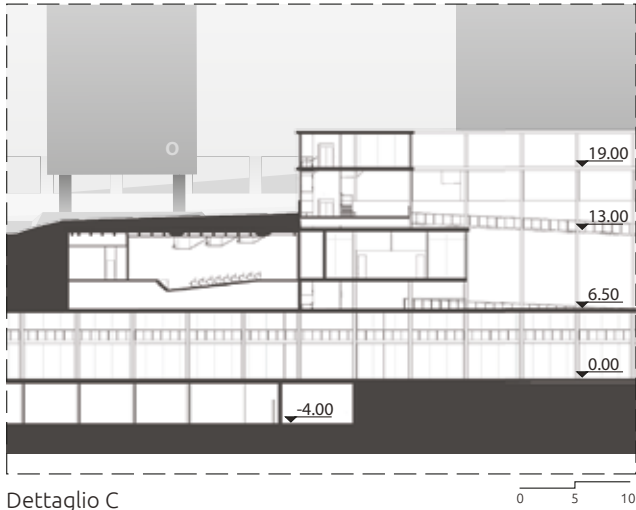
Dettaglio A

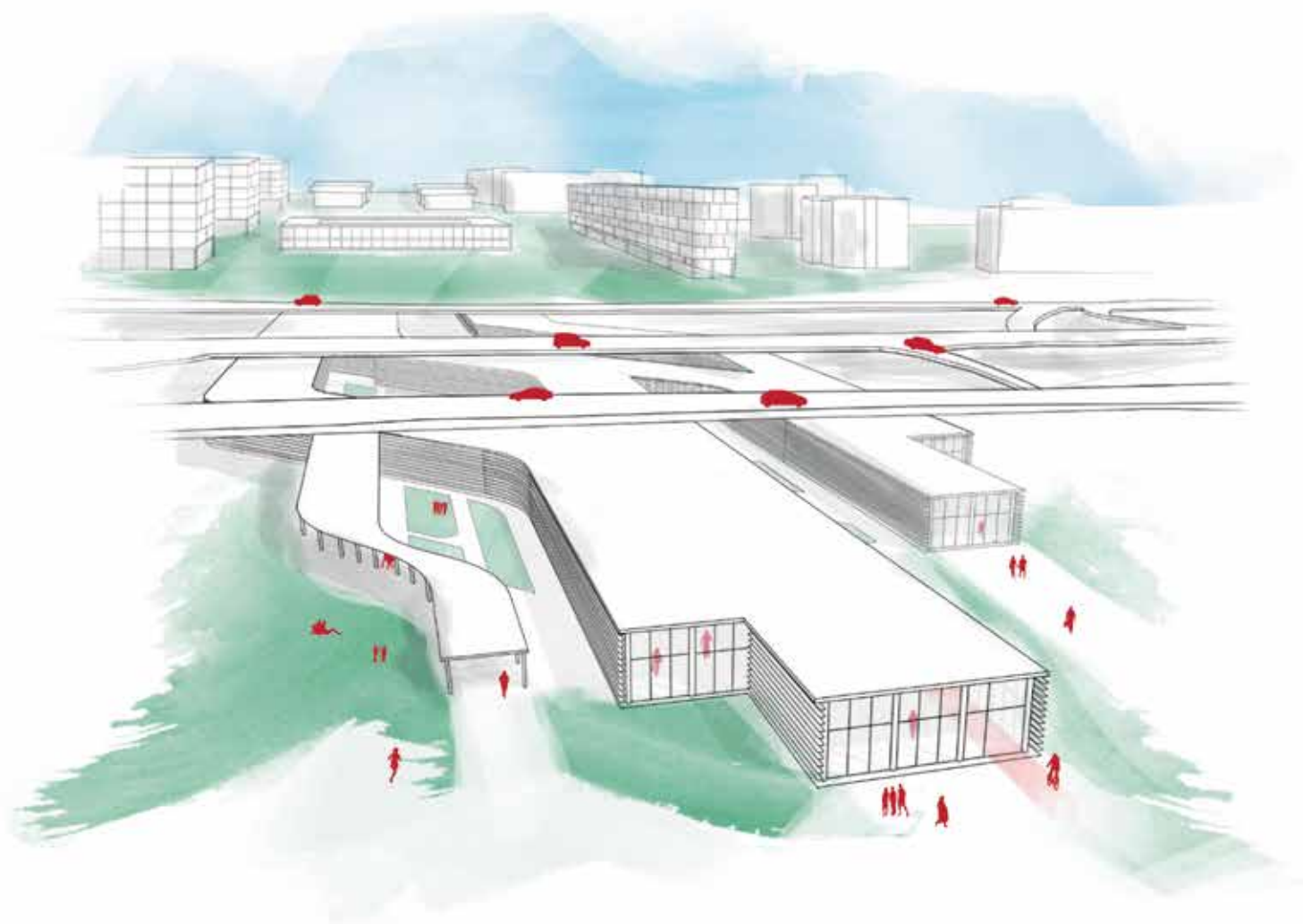


Dettaglio B

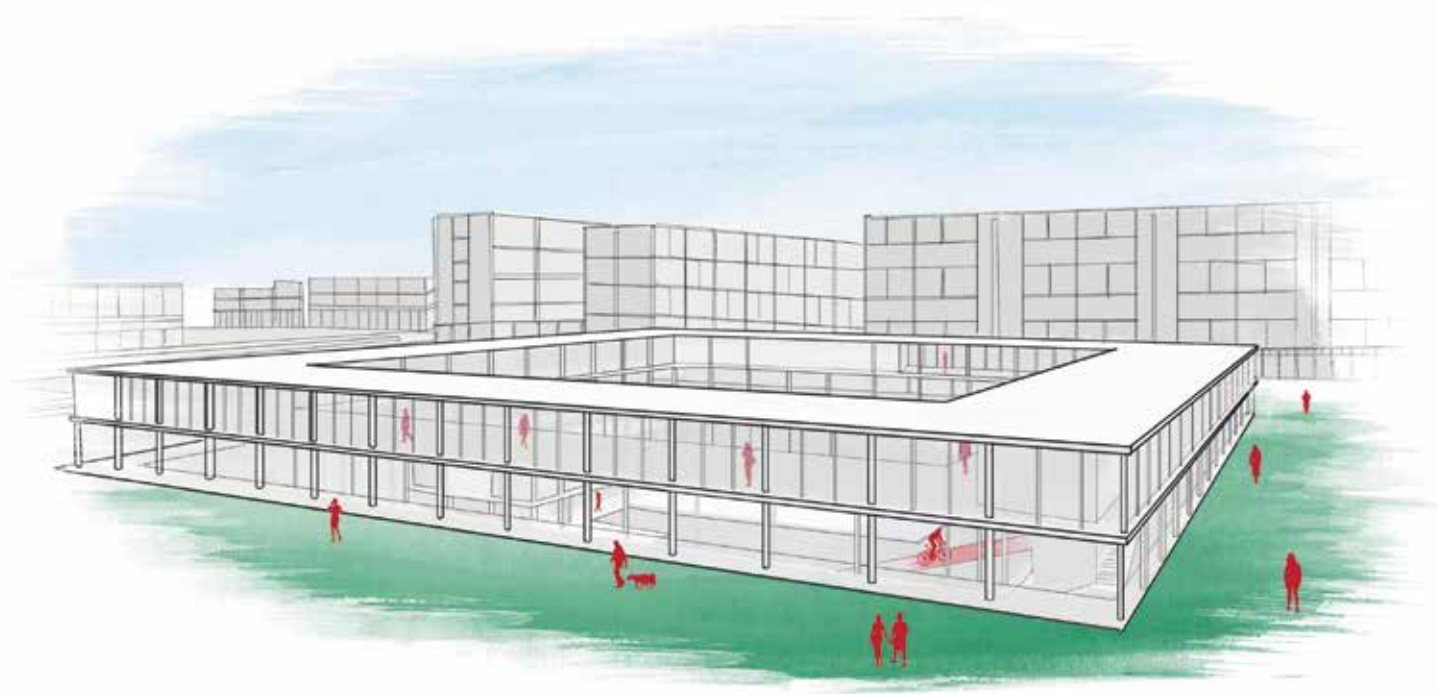


Sezione AA

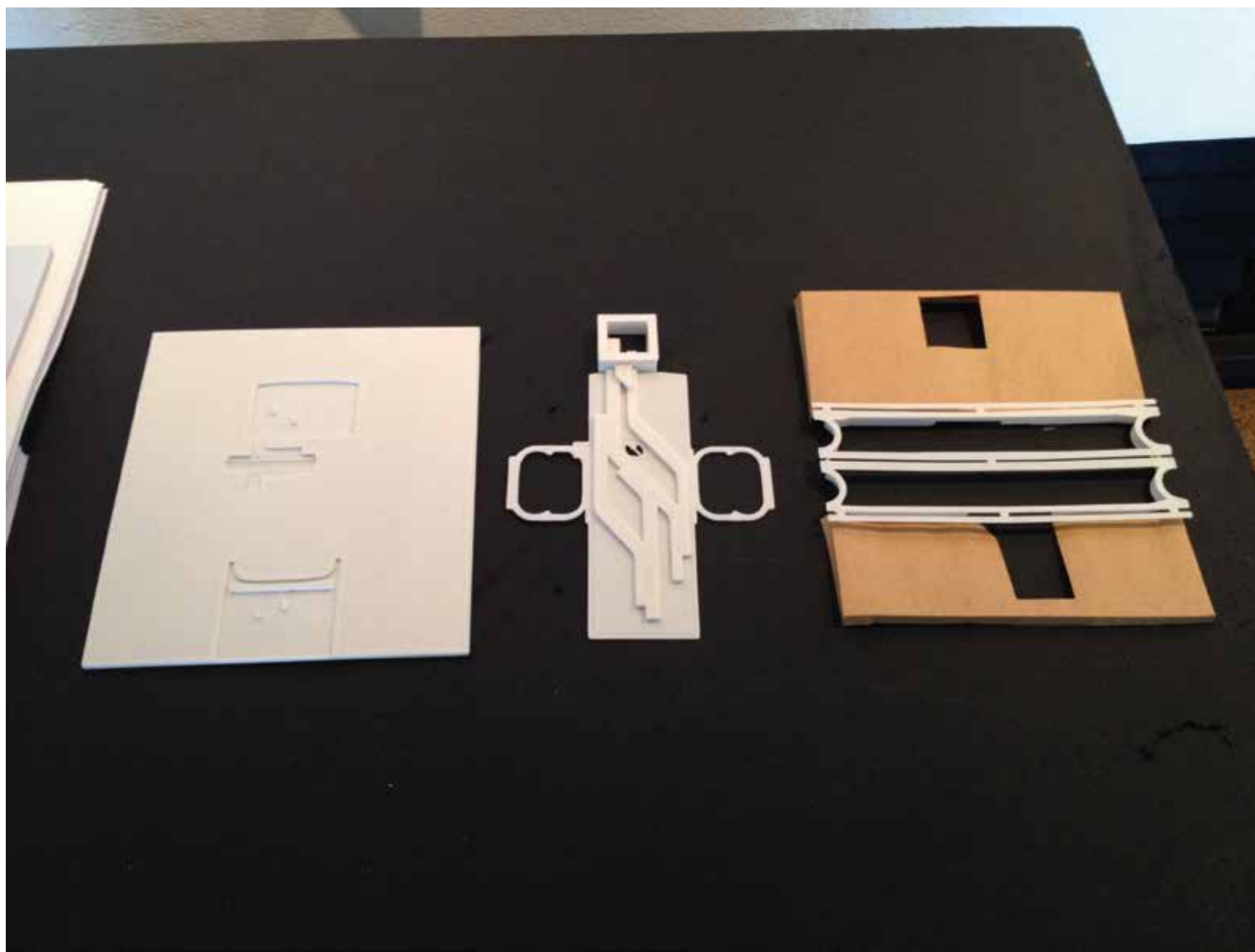


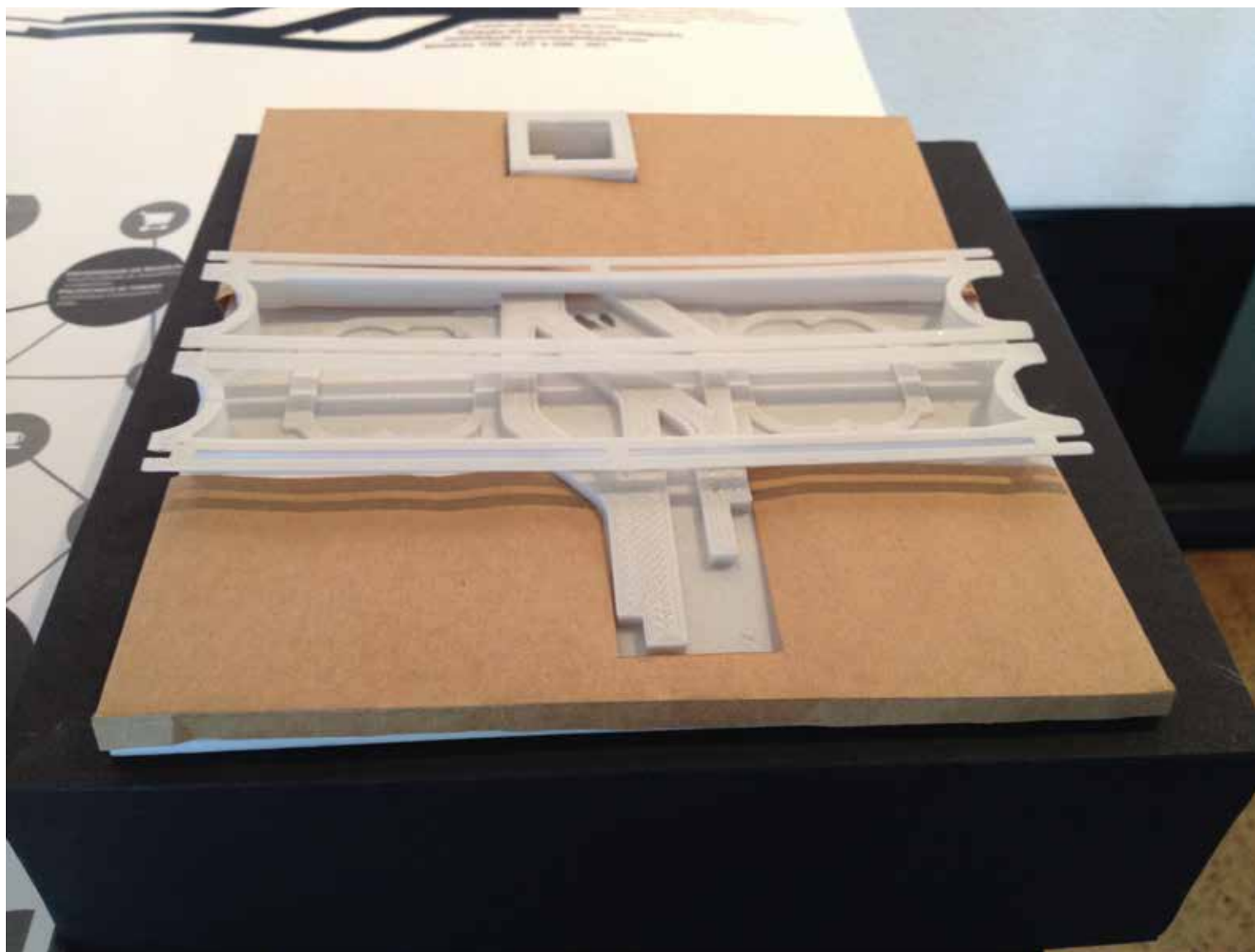












Used softwares:



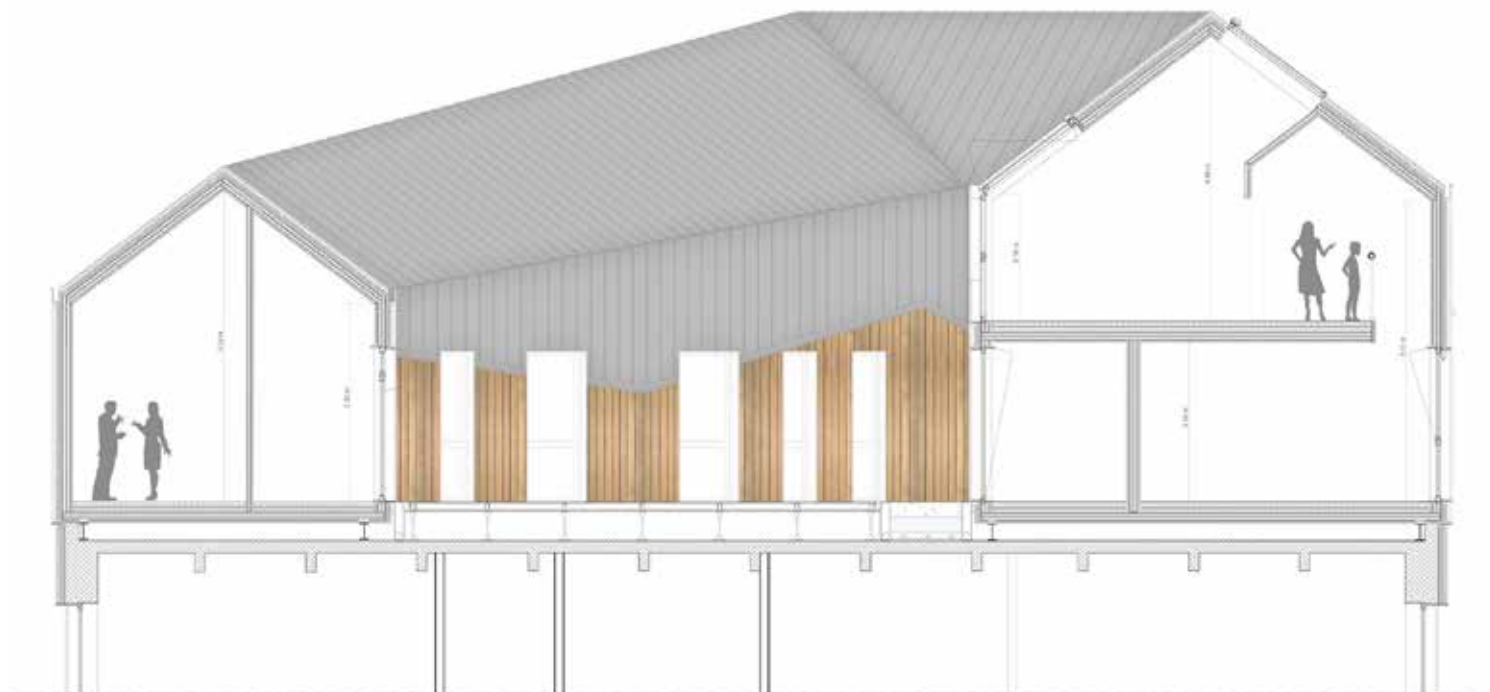


Roots in the air

year autumn 2014
location Barriera di Milano district, Turin, Italy
designer team Marco Vermiglio, Luigi Zullino

The objective of project is to upgrade and requalificate an existing industrial building. The design lays out several interconnected structures over a branching pattern, rooting them more firmly to rooftop by evoking the fractal geometries that dialogue with courts' spaces and city's landscape. The project hosts affordable housing, neighborhood-civic center, handcrafted laboratories and urban kitchen garden outside.

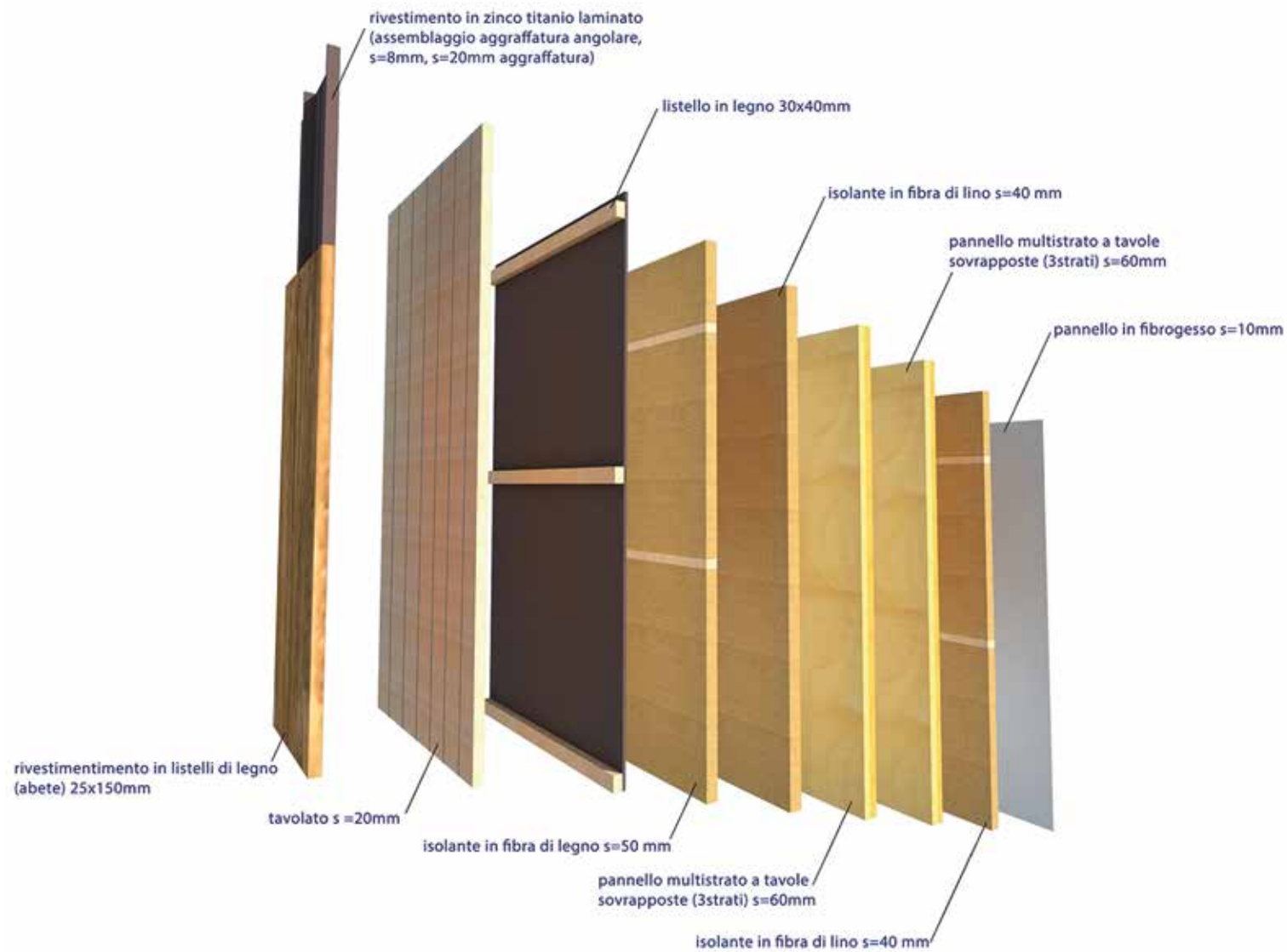
Il progetto si prefige la riqualificazione di un immobile industriale dismesso. Concepito come una struttura ramificata interconnessa, è saldamente ancorato alla copertura dell'edificio esistente e in continuo dialogo tra i patii adiacenti e il panorama circostante. L'intervento ospita un centro di accoglienza cittadino, una casa di quartiere, laboratori artigianali e orti urbani all'aperto.



Sezione 1:50



Pianta 1:50





Used softwares:



AutoCAD



SketchUp



blender



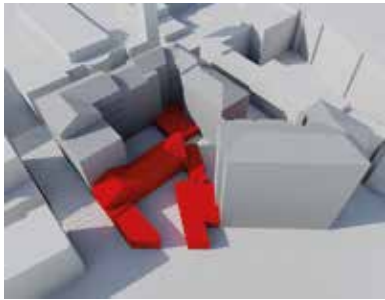


POLYMORPHIE

year spring 2011
place Aurora district, Turin, Italy
designer team Marco Vermiglio, Luigi Zullino, Elsabet Zerai

Polymorphie project is located in historical district, built in the end of 19th century. His cutting-edge façade tries to relate with the pre-existence served as a guide for a dialogue between different timelines. Despite the contextual material choice, the façades of this massive volume is radical and abstract. The gate connects internal court with streets.

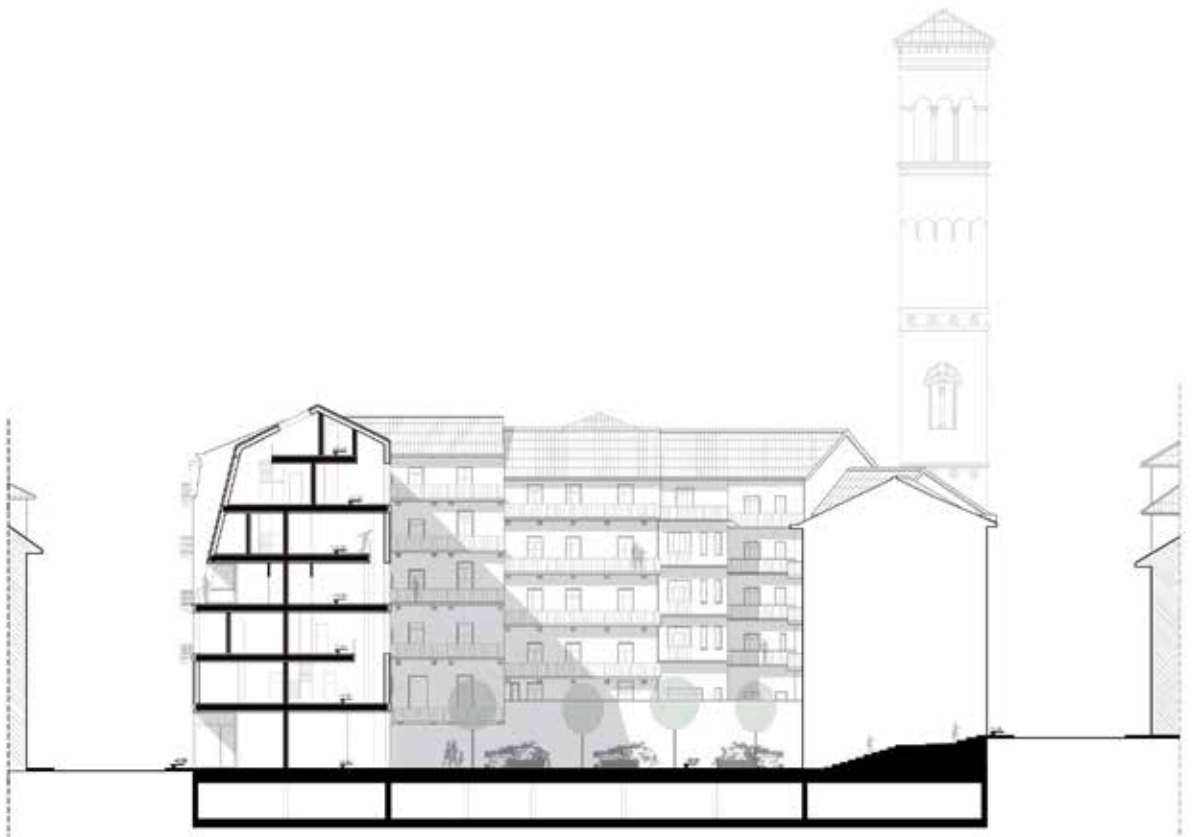
Polymorphie si inserisce in un isolato tardo-ottocentesco di natura prettamente residenziale. La geometria del progetto, attraverso i suoi tagli volumetrici, tenta di instaurare un dialogo formale con gli edifici circostanti. Il materiale adoperato in facciata, invece, si discosta dal quello utilizzato nel contesto. Attraverso il portale, la corte si interna si apre al pubblico.







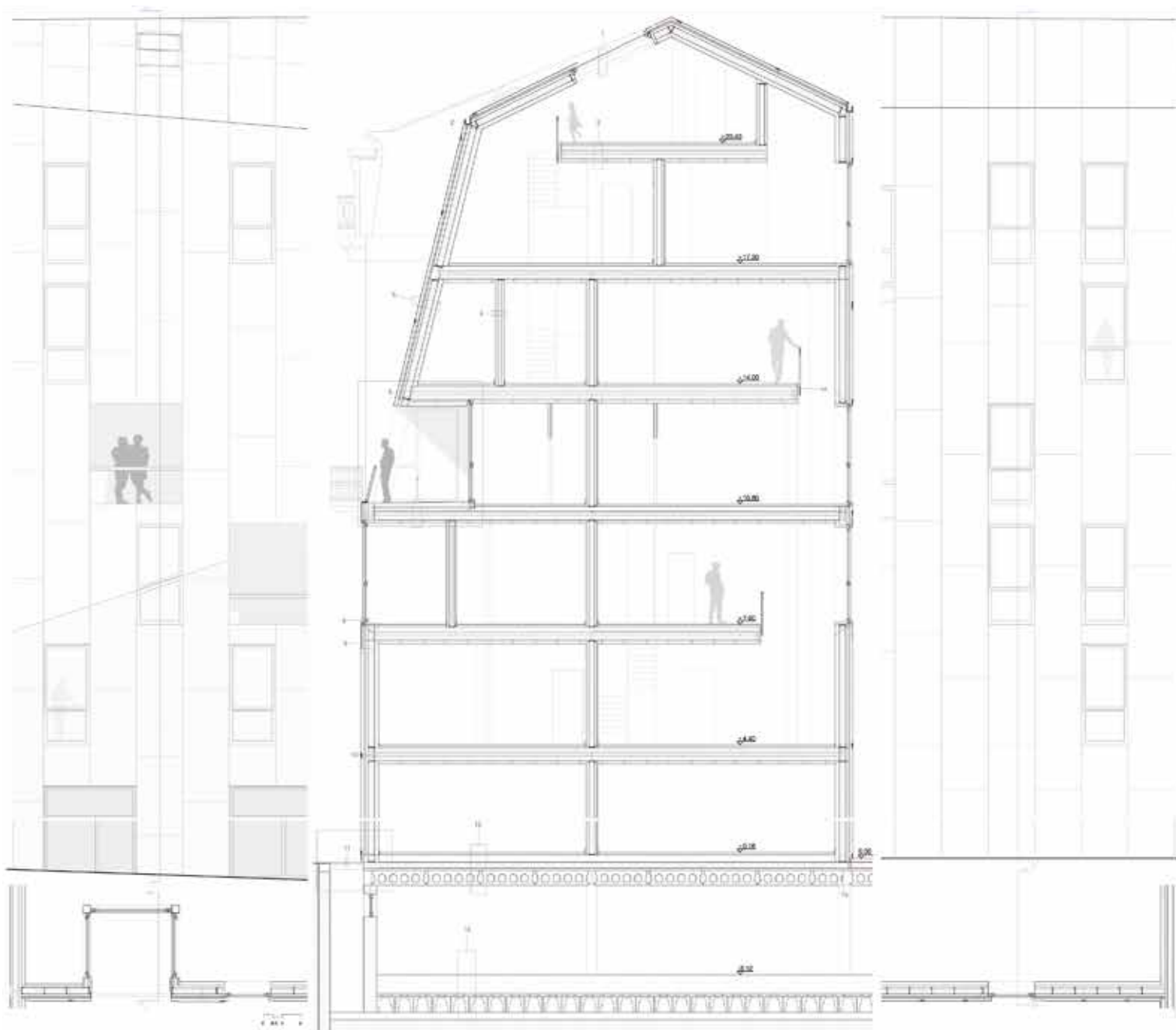
SEZIONE B-B

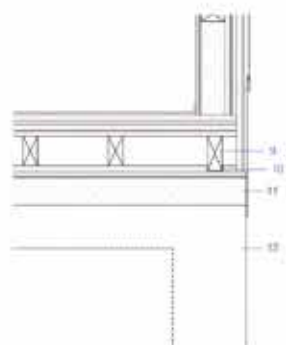
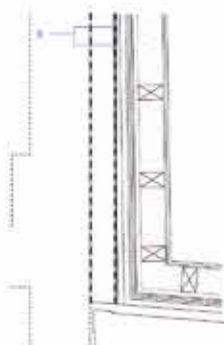
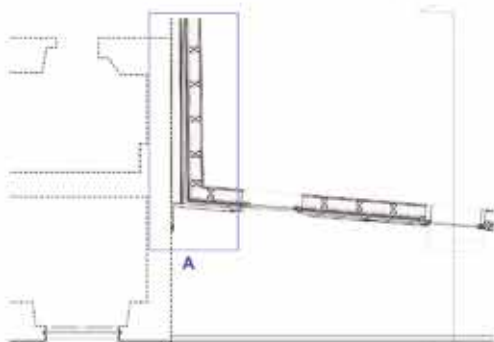
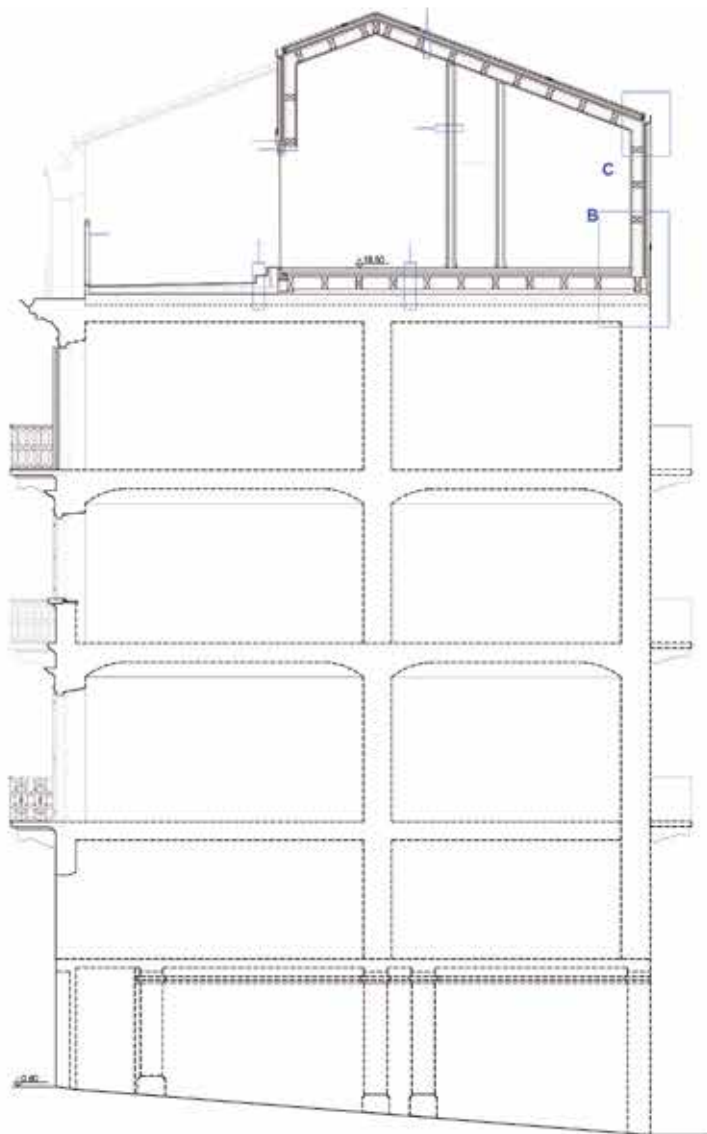
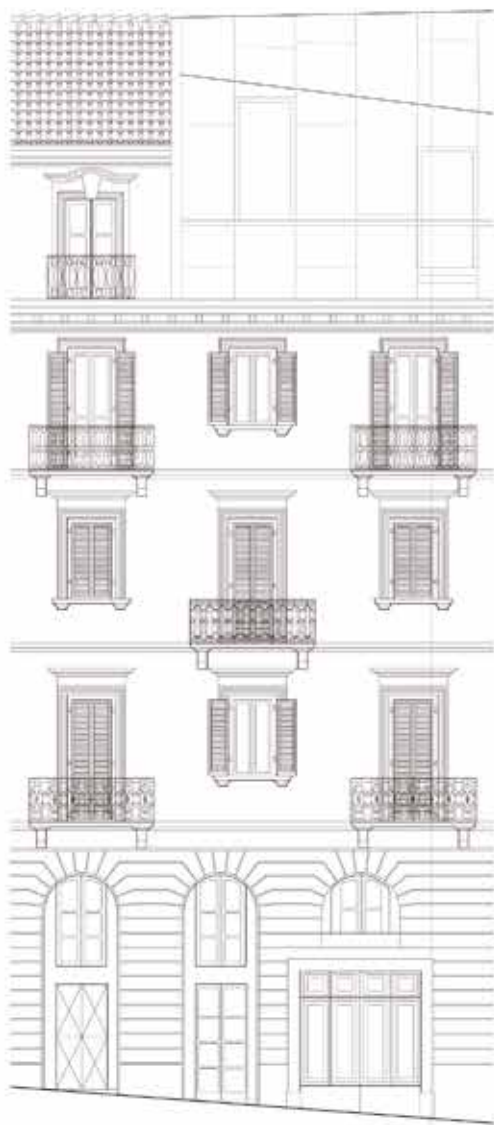














Used softwares:

