MARAZZI ARCHITETTI
CV e PORTFOLIO

www.marazziarchitetti.com

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ARCHITETTI

Identity and Experience

Marazzi Architetti develops innovative architectural solutions to meet the needs of contemporary life, operating at various design scales, from landscape to urban design, from architecture to interior design.

The work of the studio is characterized by a particular experimental attitude; each project is tackled following a real research process, with the aim of providing specific, personalized and never conventional solutions; great attention is paid to the issues of environmental and energy sustainability, to the application of innovative technological solutions and to research on materials.

The studio coordinates the entire process of creating the architectural work, directly managing all the phases from the general conception to the authorizations, from the executive planning to the construction management. Responsiveness, flexibility and efficiency are the elements that characterize the studio's working method; particular care is reserved for the management of the process both with reference to the general coordination of the work and to the control of costs and timing.

The experiences in Italy and abroad have concerned various types and scales. Among the main topics dealt with are: sports facilities, school buildings, religious buildings, collective residential buildings, industrial buildings.

Clients include: Abitare In S.p.A., Archdiocese of Modena-Nonantola, Budri S.p.A., Champion Building Materials Co. Ltd, City of Krasnoyarsk, Municipality of Parma, Municipality of Siena, Municipality of Venice, Confindustria Modena, Corob S.p.A., Davines S.p.A. , Elitstroy LLP, Gambro S.p.A., KPMG, Impresa Pizzarotti S.p.A., Mirage Granito Ceramico S.p.A., Noberasco S.p.A., S P Setia Bhd Group., Tanri Development-Otrar Group, University of Bologna.

The works are exhibited in national and international exhibitions and published in specialized journals and magazines. The awards include the prestigious MIPIM Future Project Award 2011 in the Retail & Leisure category and THE PLAN Future Project Award 2016 in the Mixed Use category.

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Activities

For Sport

Sports facilities and the experiences that they offer play a central role in defining the identity of a place and a community; thus we approach sport architecture design with a great attention and a deep sense of responsibility, fusing and integrating the technical dimension and the cultural projection, the eco-environmental sustainability profile and the economic-financial reliability of the initiative.

For business

Marazzi Architetti acts as true partner for companies, able to manage and coordinate the architectural image at all scales, from the factory to the office, the showroom to the trade fair stand. Architectural design is seen not only in terms of aesthetic enhancement, but in a broader sense, as a tool for rationalising the spatial resources available and improving the quality of the working environment.

For property development

The profound economic and socio-cultural changes make it necessary to define new urban models and new architectural typologies. Our strong propensity towards experimentation and research enables us to act as effective partners in the development of innovative property initiatives.

For the public sector

The responsibility of public institutions to operate in the interests of all means to be able to predict social needs. In the public sector MA are qualified to effectively manage even the most complex scenarios, combining tradition and innovation, realism and vision, while giving great attention to ensuring that the architectural image is coherent with the values and identity of the institution.

For private clients

The “made-to-measure” home has always represented the ultimate dream for the family. As such, MA start by carefully listening before developing tailor-made designs for private clients in which dreams, functionality, technology and sustainability are brought together in the best possible equilibrium.

Services

Direct Services

- Analysis and feasibility study
- General coordination
- Preliminary architectural design
- Preliminary cost planning
- Detailed architectural design
- Applications for planning and building
- consents
- Working drawings
- Building Information Modeling (BIM)
- Detailed quantities
- Assistance in tendering and appointment
- of contractors
- Site supervision
- Final tests and checks coordination
- End of work documentation

In collaboration with external partners

- Geological and seismic surveys
- Structural design
- MEP design
- Landscape design
- Building site safety

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Davide Marazzi

Born in Mirandola (MO) in 1974, after higher education in Environmental Physics, in 2000 he graduated in Architecture with 100/100 cum laude from the Milan Polytechnic (supervisor prof. Cino Zucchi).

Vocational training was carried out in prestigious Italian practices: between 1999 and 2001 he worked with the architect Cino Zucchi in Milan on competition projects for museums, parks and religious buildings; between 2001 and 2004 he worked in Parma with architect Guido Canali, involved in projects for commercial buildings and offices and acting as project architect for a residential plan for a thousand inhabitants on the ex Alfa Romeo Portello site in Milan.

In 2004, he set up the practice Marazzi Architetti.

Deep knowledge of issues, vision and a commitment to the research are the elements connoting the design culture; accuracy, method and strong management skills, in conjunction with a specific technical and technology knowledge and the deep knowledge of issues related to environmental and energy sustainability, are the elements connoting the job profile.

In the year 2021 he obtained the specialization Master in “Design, Construction, Management of Sports Infrastructures” at the Politecnico di Milano with a grade of 110/110.

Selected works

Redevelopment of the Predmostnaya Square Area, Krasnoyarsk (RUS)

Predmostnaya Square is a strategic location for Krasnoyarsk, the gateway to the historic city center overlooking the Yenisei River and Ostrov Otdykha Island. The plan, in addition to the infrastructural rationalization of the area and the requalification of the riverside, includes three strategic public buildings for the city and the local culture: the new Coreographic College, the new Pozdeev Center for creative arts and an epicenter for environmental information and divulgation (Eco-hub). The urban planning solution is an open system where the city is facing and relating

directly to the river and the river and nature softly flow into the city.
The built is a mosaic of architectures each of which with its own clear and distinct identity: the Coreographic College is a greenhouse overlooking the river, a magical and luminous place to cultivate talents and share experiences in perfect balance with nature; the Pozdeev Center, designed like a large sculpture, is a dynamic and engaging workshop where at the same time exhibiting, learning, living and producing artistic culture; the eco-hub, immersed in a larch forest, is a glazed pavilion intended to host exhibitions, conferences and other activities aimed at promoting culture and environmental responsibility.

CLIENT
City of Krasnoyarsk

LOCATION
Krasnoyarsk, Russia

DIMENSIONS
Plot area = 14 Ha
Built area = 27.315 sqm
Pedestrian areas = 35.270 sqm
Green areas = 49.107 sqm
Streets = 26 306 sqm

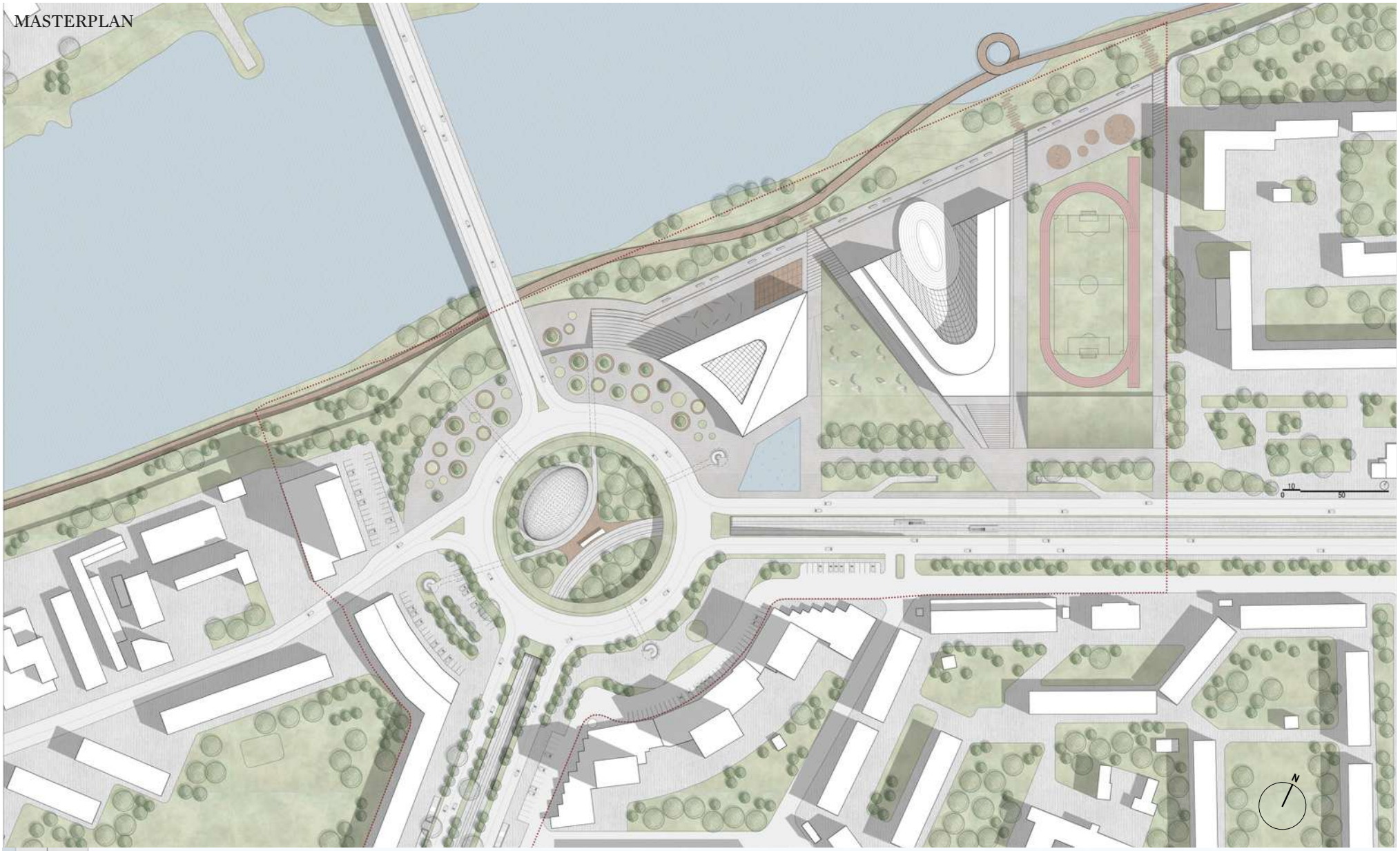
CONSTRUCTION BUDGET
5.000.000.000 RUB

TIMELINE
2021 Two-phases design competition-
First Prize

STRUCTURAL ENGINEERING
F&M Engineering SPA

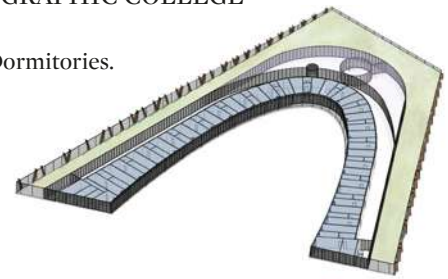
MEP ENGINEERING
F&M Engineering SPA

MASTERPLAN

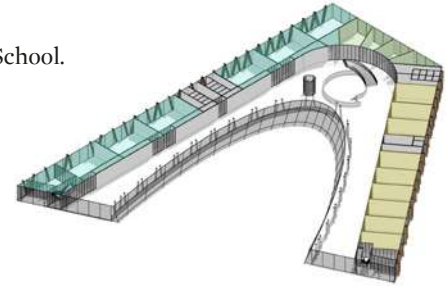


CHOREOGRAPHIC COLLEGE

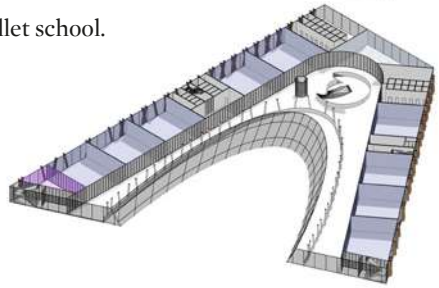
3rd floor. Dormitories.



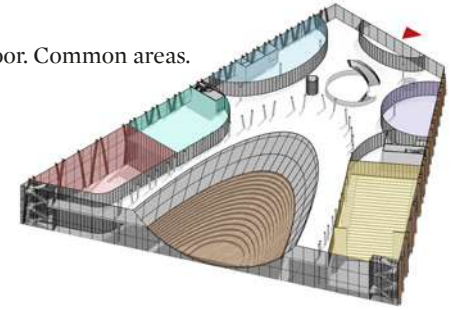
2nd floor. School.



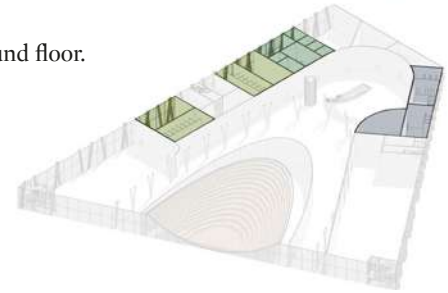
1st floor. Ballet school.



Ground floor. Common areas.

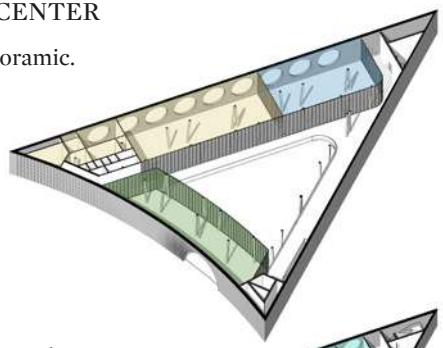


Underground floor.

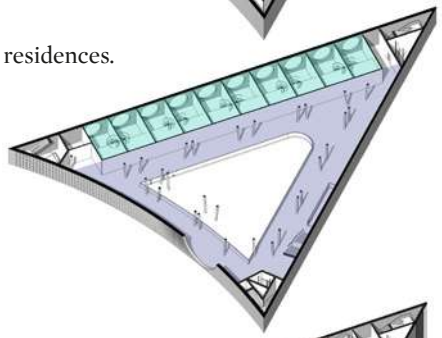


POZDEEV CENTER

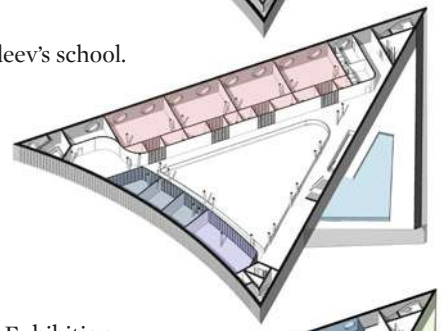
3rd floor. Panoramic.



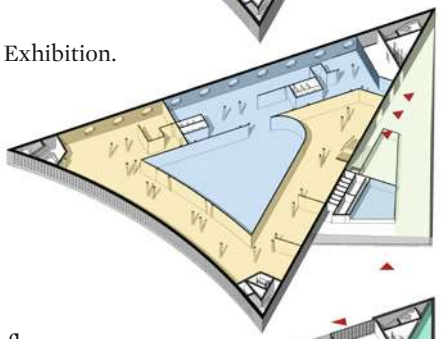
2nd floor. Art residences.



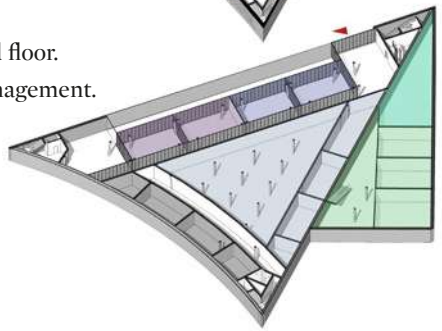
1st floor. Pozdeev's school.



Ground floor. Exhibition.



Underground floor.
Museum management.



New Residential Complex ‘Arena Park’, Samara (RUS)

The new district is designed for people who desire to find a congenial environment where to build a quality future based on a perfect mix of personal wellbeing, social involvement and economical prosperity.
Between the city and the countryside, the proposal effectively mixes the main qualities of the two models: the intensity of the city and the cosiness/comfort of the rural context.

Thus, within a dynamic and vibrant environment, every apartment is provided with an outdoor space (loggia, green-house, terrace, garden) conceived and designed as a real extension of the house; a place where to enjoy the sun, the air and where to cultivate their hobbies, passions, plants and vegetables!
Architectural design re-interprets “genes “ of the local cultural background such as the river, the forests, the traditional Russian architectural style. A state-of-the-art language is shaped to exhibit a positive environment where innovation, engagement, sustainability and future are the drivers.

CLIENT
Preobrazhensky Dvor LLC

LOCATION
Samara, Russia

DIMENSIONS
Plot area = 93.000 sqm
Built area = 172.700 sqm
Parking and Services area = 37.940 sqm

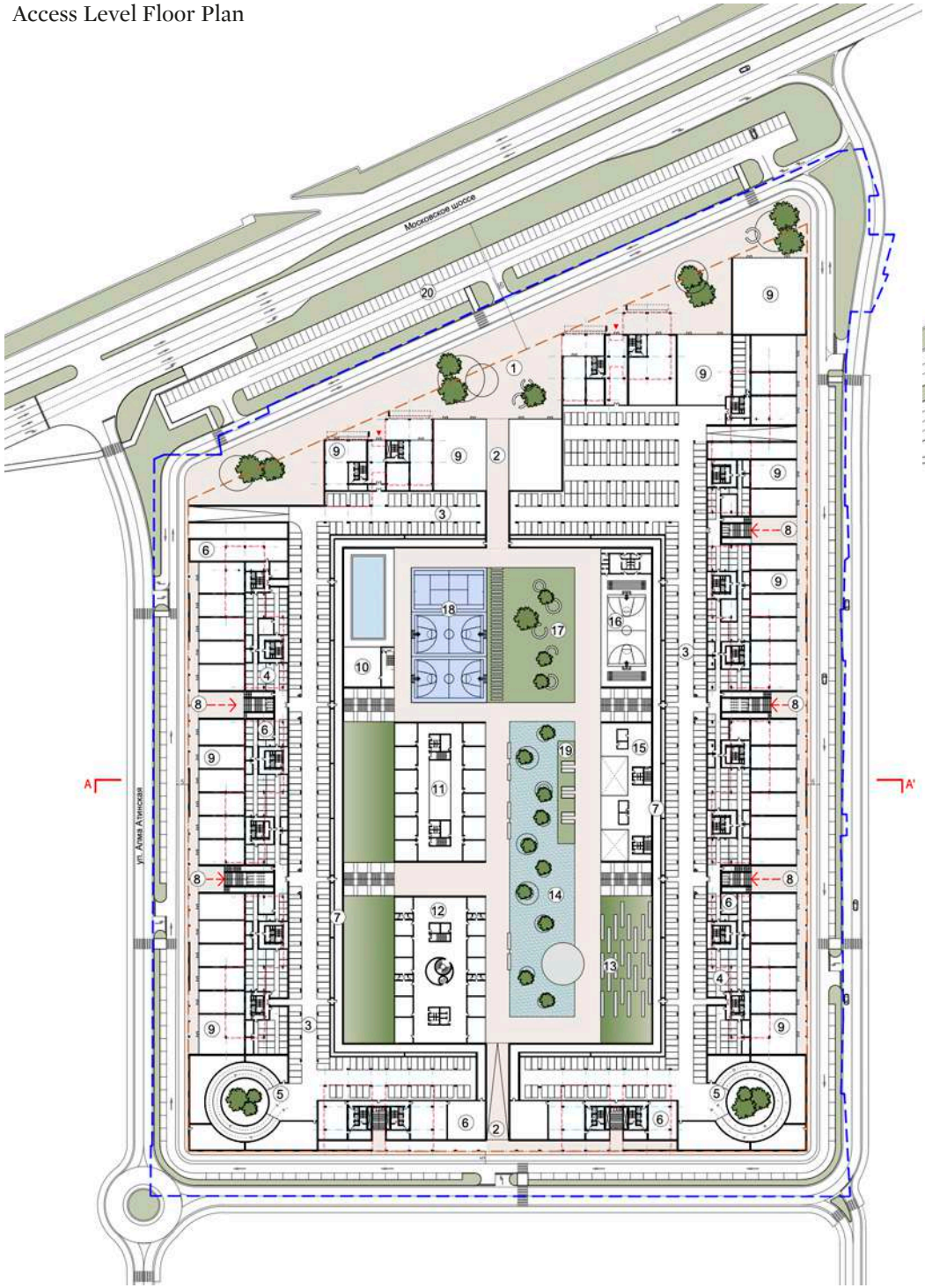
CONSTRUCTION BUDGET
6.950.000.000 RUB

TIMELINE
2020 Two-phases design competition-
Third Prize

STRUCTURAL ENGINEERING
F&M Engineering SPA

MEP ENGINEERING
F&M Engineering SPA

Access Level Floor Plan



Typical Floor Plan

Typical Floor Plans

Type A

Type B

Cross Section

New residential complex ‘Parmavera’, Parma (I)

The intervention is included into an urban plan, characterized by a medium-low-density built system, integrated in a large public park. The plan foresees two volumes, both same in length but different in height, shifted in plan, located besides an underground car park. The number of apartments is equates to a total of 48.

The buildings have homologous architecture, characterized by the uniformity of the silhouettes of both plans being tapered towards the each head, with a different treatment of the longitudinal sides. The greenery is set as the central theme of the project, translated into forms of private gardens on the groundfloor and large terraces on the upper floors.
The main façades are strongly characterized by balconies and terraces systems, organized and arranged according to a “braided” design which, in addition to defining an interesting three-dimensional articulation of the elevations themselves, increases the space available in height on the projection of the planters to two floors.
The internal façades (facing the pedestrian access lane), on the other hand, have a more regular character, defined by a system of aligned openings to which, suitably detached, a layer of full-height metal gratings is superimposed, the latter with a dual function of shielding and support for climbing greenery.

CLIENT
Parmaresidenziale1 S.r.l.
(Gruppo PIZZAROTTI)

LOCATION
Parma (I)

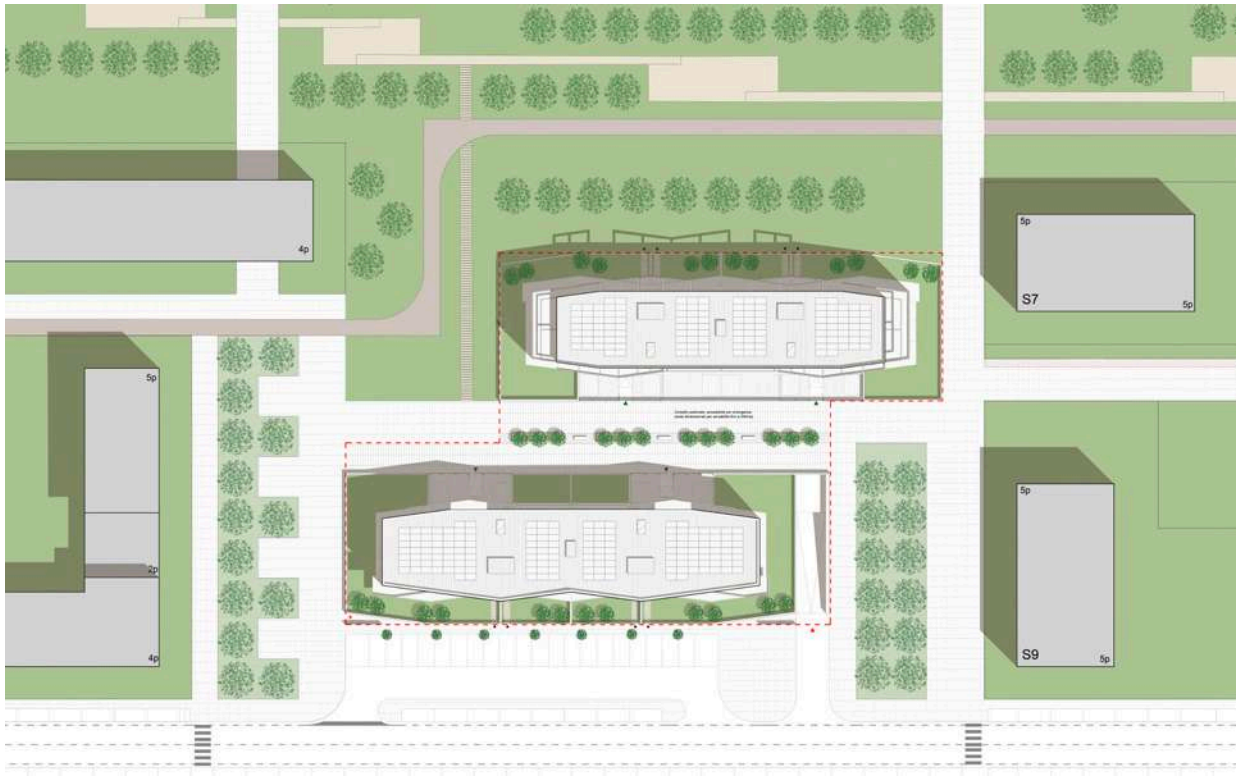
DIMENSIONS
Plot area: 3.800 sqm
Gross area: 4.244 sqm
Built area: 5.500 sqm
Underground level: 3.050 sqm

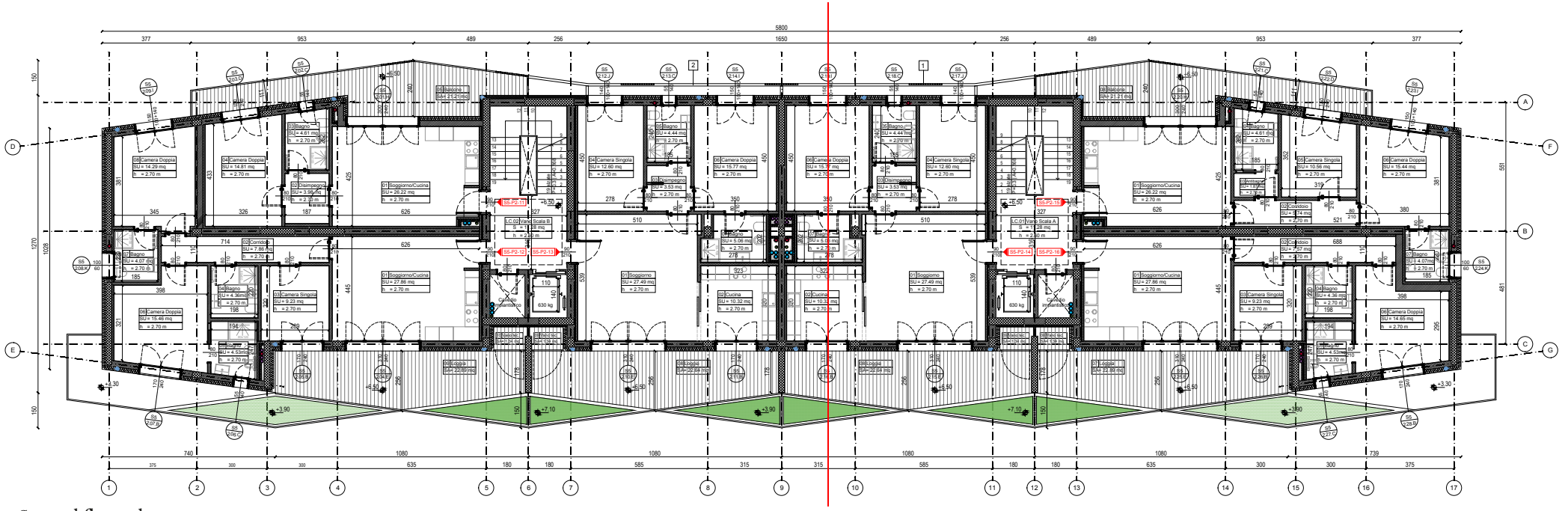
BUDGET
7.000.000 €

TIMELINE
2019-20 Preliminary and final design, construction documentation / in progress

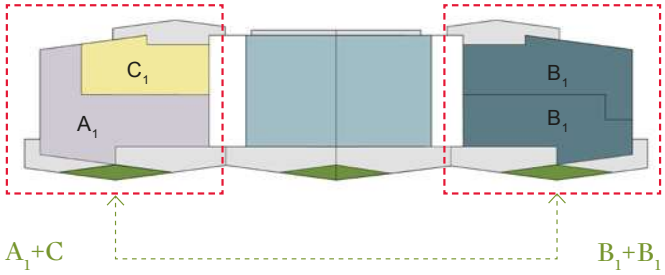
STRUCTURAL ENGINEERING
Eng. Fabio Lugli

MEP ENGINEERING
Termoprogetti





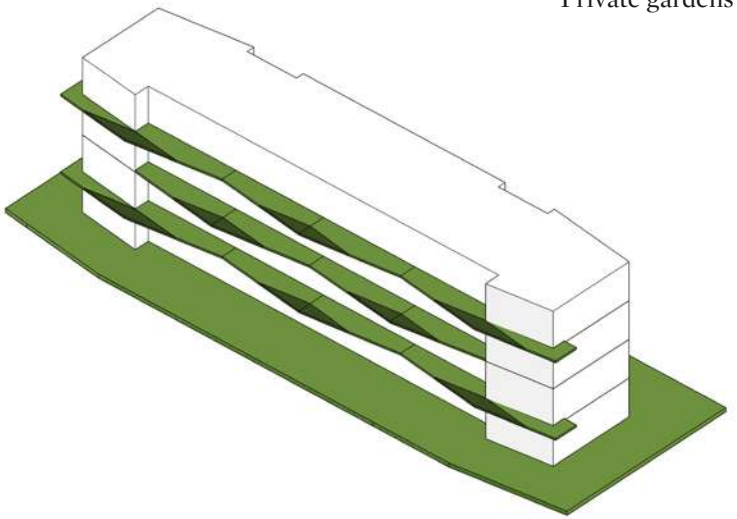
Second floor plan

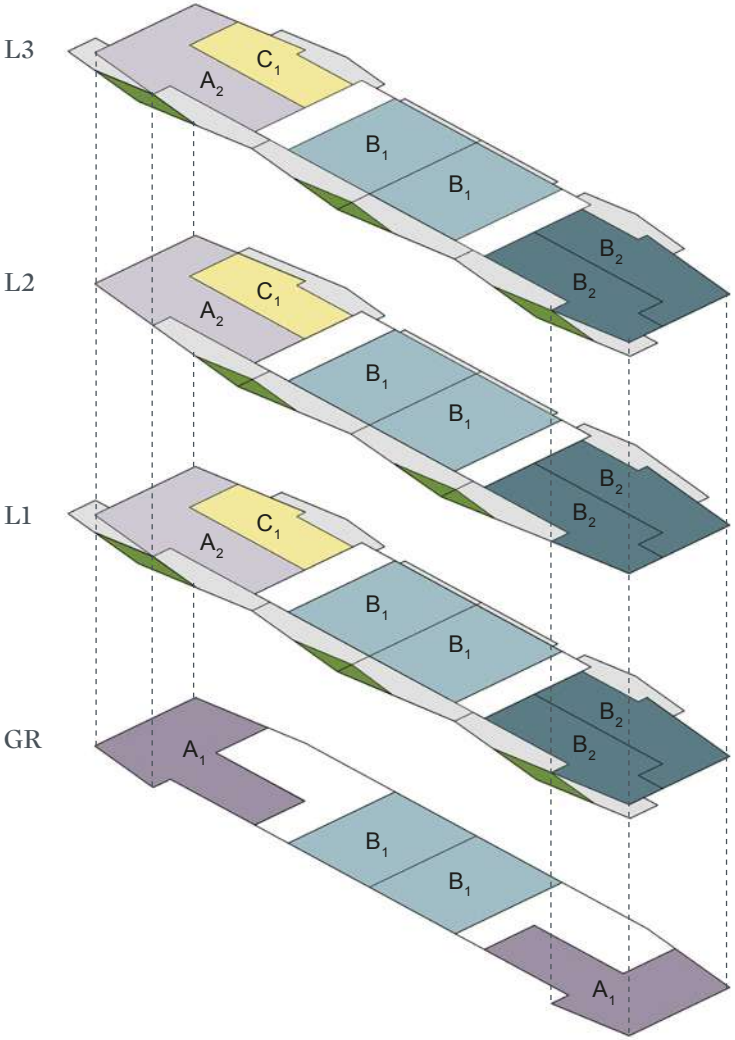


Accomodations

- Type A_1 - Four-room
  130 sqm
- Type A_2 - Three-room
  115 sqm
- Type B_1 - Three-room
  100 sqm
- Type B_2 - Three-room
  85 sqm
- Type C_1 - Two-room
  65 sqm

Private gardens





New ‘Vittoria’ high-school, Trento (I)

The project works on the principle of the school as a new urban polarity: a real civic center dedicated to the arts, open the whole day and able to offer, as well as an engaging educational experience for students, cultural activities and initiatives with regard to analysis and socialization for the city and the territory.

The design aims to give recognition and identity to the new complex, not according to a self-referential contemporary language but one which is deeply linked to the context and to the fabric of the local culture.
The morphological setting is influenced by the geometry of the site, as well as the articulated shape of the city at the boundary; followed by a building characterized by sculptural forms, ideally generated as a result of a wedge "breaking apart" a square block, in order to prepare it for modeling.
The use of a local stone (porphyry) for the façade cladding emphasizes the tectonic character of the volumes, as well as the shielding of the glass façades, executed through dark wooden vertical sunbreakers, which define the architectural profiles.

CLIENT
Provincia Autonoma di Trento

LOCATION
Trento (I)

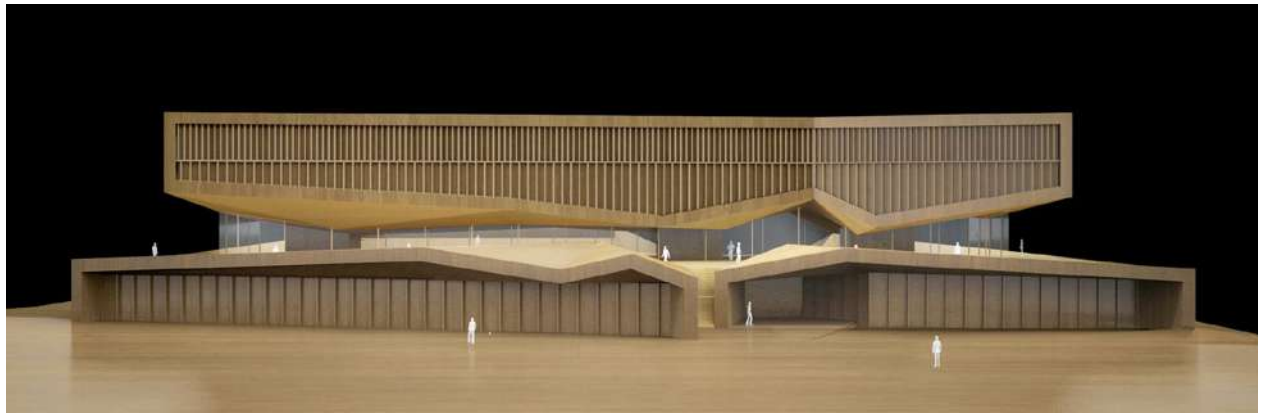
DIMENSIONS
Plot area: 9.200 sqm
Floor area: 5.000 sqm
Built area: 9.000 sqm

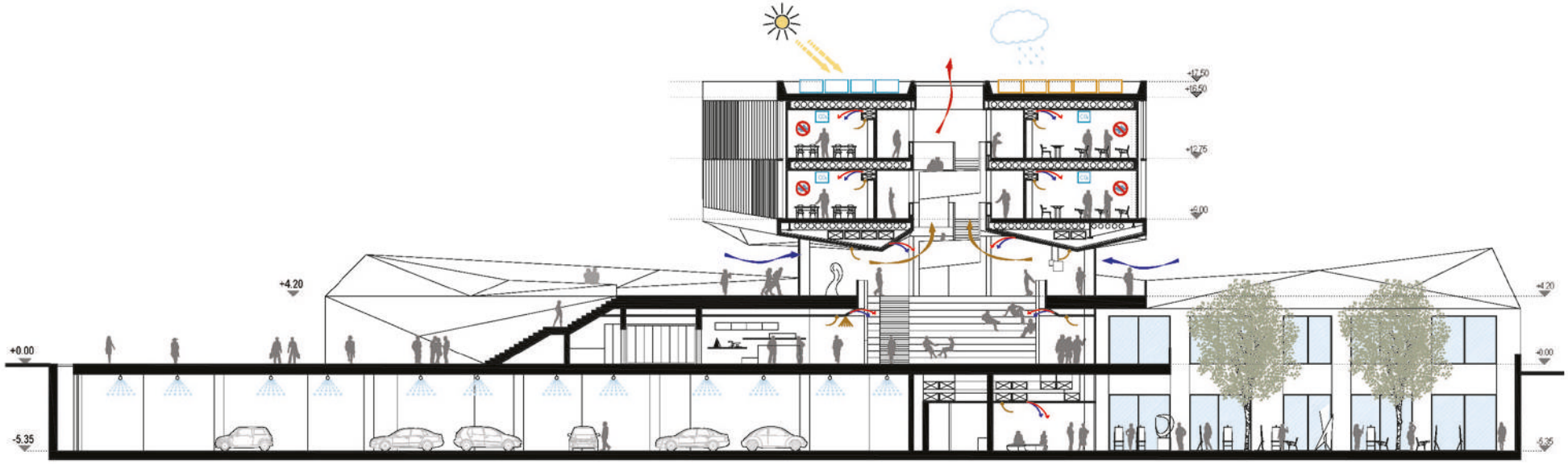
CONSTRUCTION BUDGET
10.500.000 €

TIMELINE
2017-18 Two-phases design competition- **Shortlisted design**

STRUCTURAL ENGINEERING
Studio Sarti

MEP ENGINEERING
Polistudio A.E.S.

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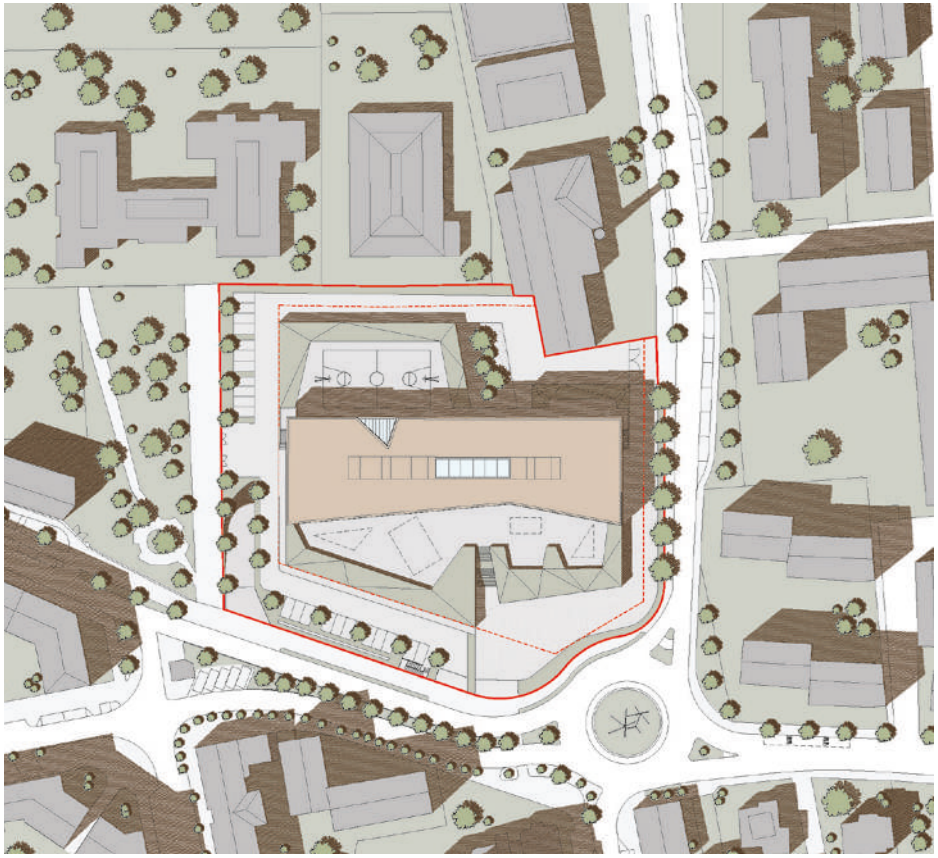
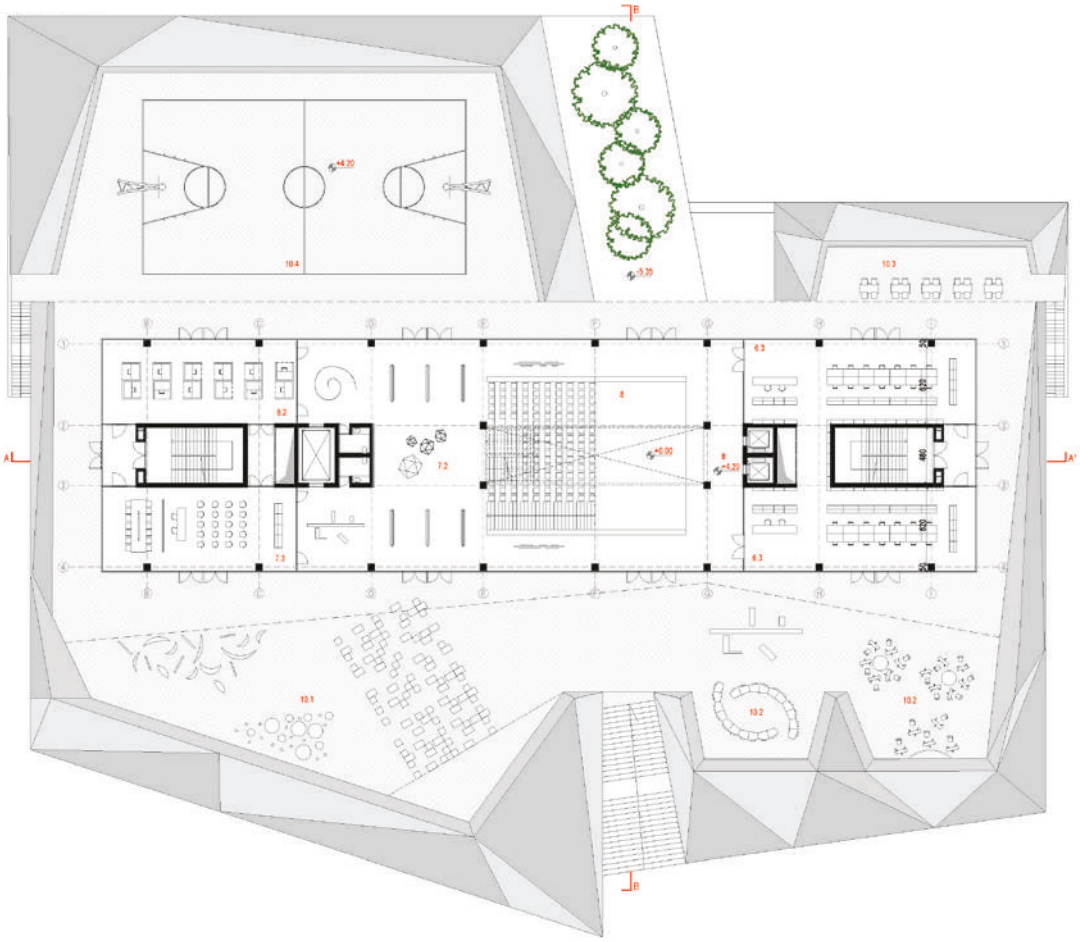
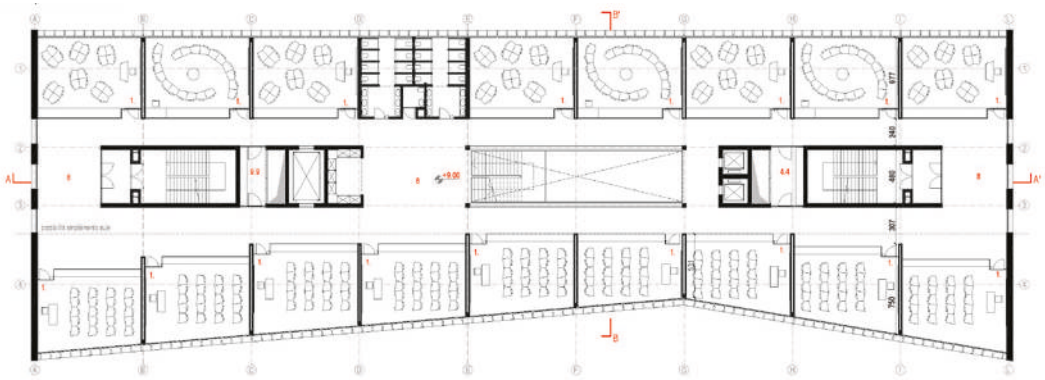
-5.35




what is the reaction against anything?





First floor and second floor plans

Refurbishment and expansion of Corob plant, S. Felice sul Panaro (I)

A dated establishment, grown over time for successive aggregations and contingent solutions, which includes the rapid post-earthquake reconstruction of some lants. The need to implement new specific workspaces today is seen as an opportunity for a broad and organic development, which will allow the company to have a general master plan design which can rule and rationalize the evolution of the production site, while simulataneously renewing its vision.

CLIENT
COROB S.p.A.

LOCATION
San Felice sul Panaro, Modena (I)

DIMENSIONS
Plot area: 46.800 sqm
New built area: 3.500 sqm
Renovation area 1.500 sqm

CONSTRUCTION BUDGET
5.000.000 €

TIMELINE
2018-19 Preliminary and final design, construction documentation

STRUCTURAL ENGINEERING
Ing. Edoardo Poletì

MEP ENGINEERING
Studio A+
Studio Garutti

There are three fundamental principles that guide the design:
- streamlining and rationalizing processes;
- the creation of environmental conditions for the transformation of work into a positive and engaging experience;
- the pursuit of maximum consistency between the architectural image and the corporate identity.

Distributive and organizational clarity of the various company functions, separation of flows and routes and management flexibility, are the elements that make up the general plan; the culture of innovation COROB, the world of color and nature are the elements that design the new “environment”, characterise the architecture and corporate image. More in detail, in addition to the restyling of the existing buildings, two new bodies are designed: a new horizontal warehouse and a testing and research laboratory with training, demo and dissemination areas. Particular care is also given to outdoor areas, the spaces of relationships and the road front fences.

Above: Warehouse Right: Lab

Redesign of the Stadium ‘Arena Garibaldi’, Pisa (I)

A stadium with a public park and facilities on top of it; a piece of landscape-architecture able to integrate itself into its urban surroundings and transform an extraneous entity, subject to occasional use, into an integrated, lively and attractive place.

CLIENT
A.C. Pisa

LOCATION
Pisa (I)

DIMENSIONS
Plot area = 34.500 sqm
Floor area = 14.000 sqm
Built area = 15.600 sqm
Spectators= 17.000

CONSTRUCTION BUDGET
30.000.000 €

TIMELINE
2017, Invitation-only single stage design competition

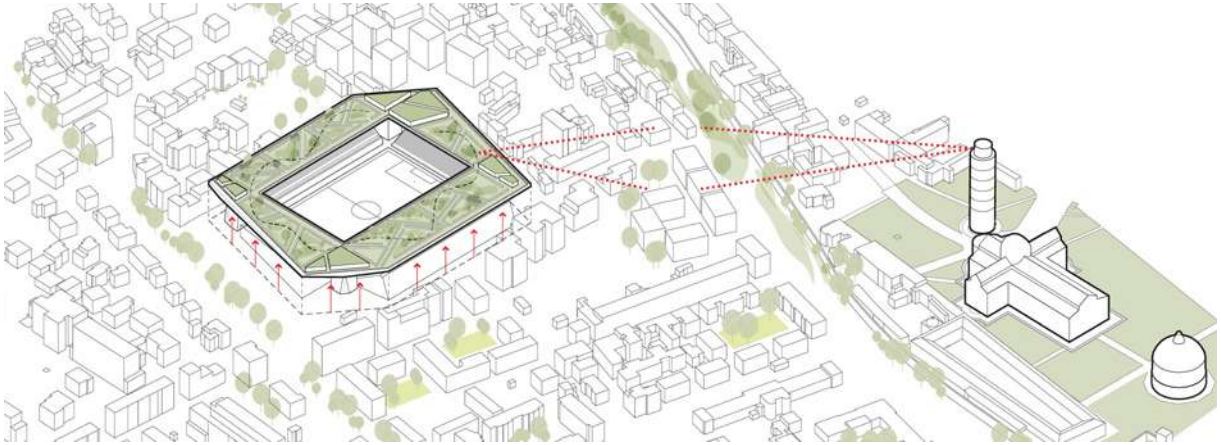
LANDSCAPE DESIGN
Marazzi Architetti

STRUCTURAL ENGINEERING
F&M Ingegneria S.p.A.

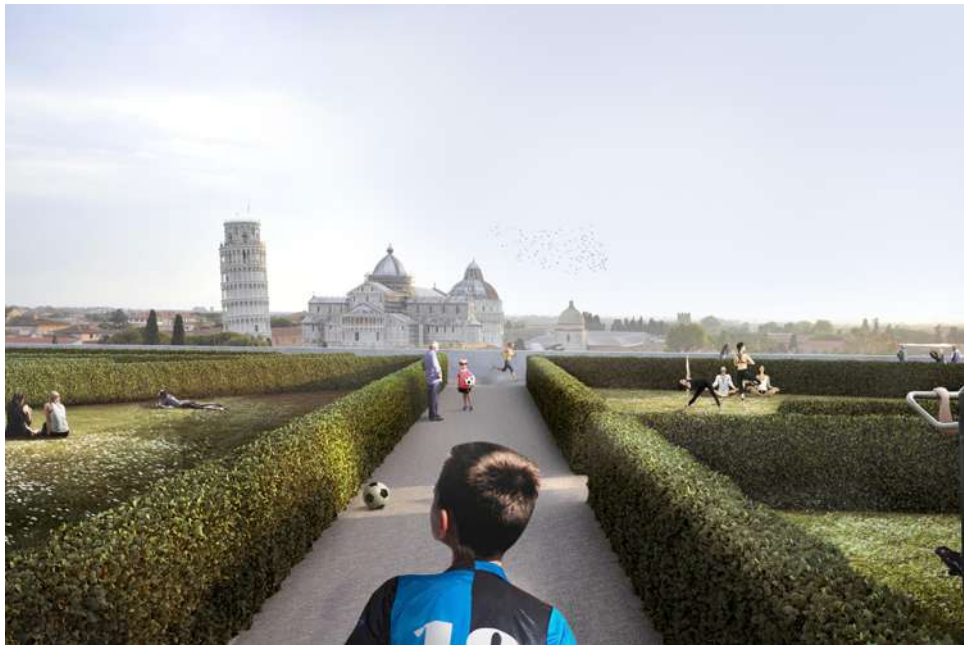
MEP ENGINEERING
AI Engineering S.r.l.

The proposal envisages a multi-functional complex that is open seven days a week, endowed with activities and services that generate revenue and a prominent public function. The roof garden is a special place on offer to the city, as well as a catalyst for the vast pool of potential users and revenue brought in by the large volume of tourists who visit Pisa every year.
A new urban landmark, able to communicate the profile of a city that has its roots in its prestigious history but that looks to the future with just as much vision. From a sporting point of view, having ensured it meets the highest international technical standards, the design works on the capacity of architecture to create “engagement”, identity and a sense of recognition on the part of the fans; transforming an ordinary container for sport into a true sporting “destination”.

View from the Leaning Tower



Urban and landscape integration




Foot Locker

Villa Z, Parma (I)

This design addresses the theme of the private house by exploring innovative architectural forms on the outside and new and intriguing spatial solutions inside. The house is characterised by its large and sculptural roof covered in corten steel; its ‘complex-pitch’ design is a response to a restriction made by the planning authorities that it takes as an opportunity to create a highly expressive language.

CLIENT
Private

LOCATION
Parma province (Italy)

DIMENSIONS
Plot area = 4.750 sqm
Built area = 600 sqm

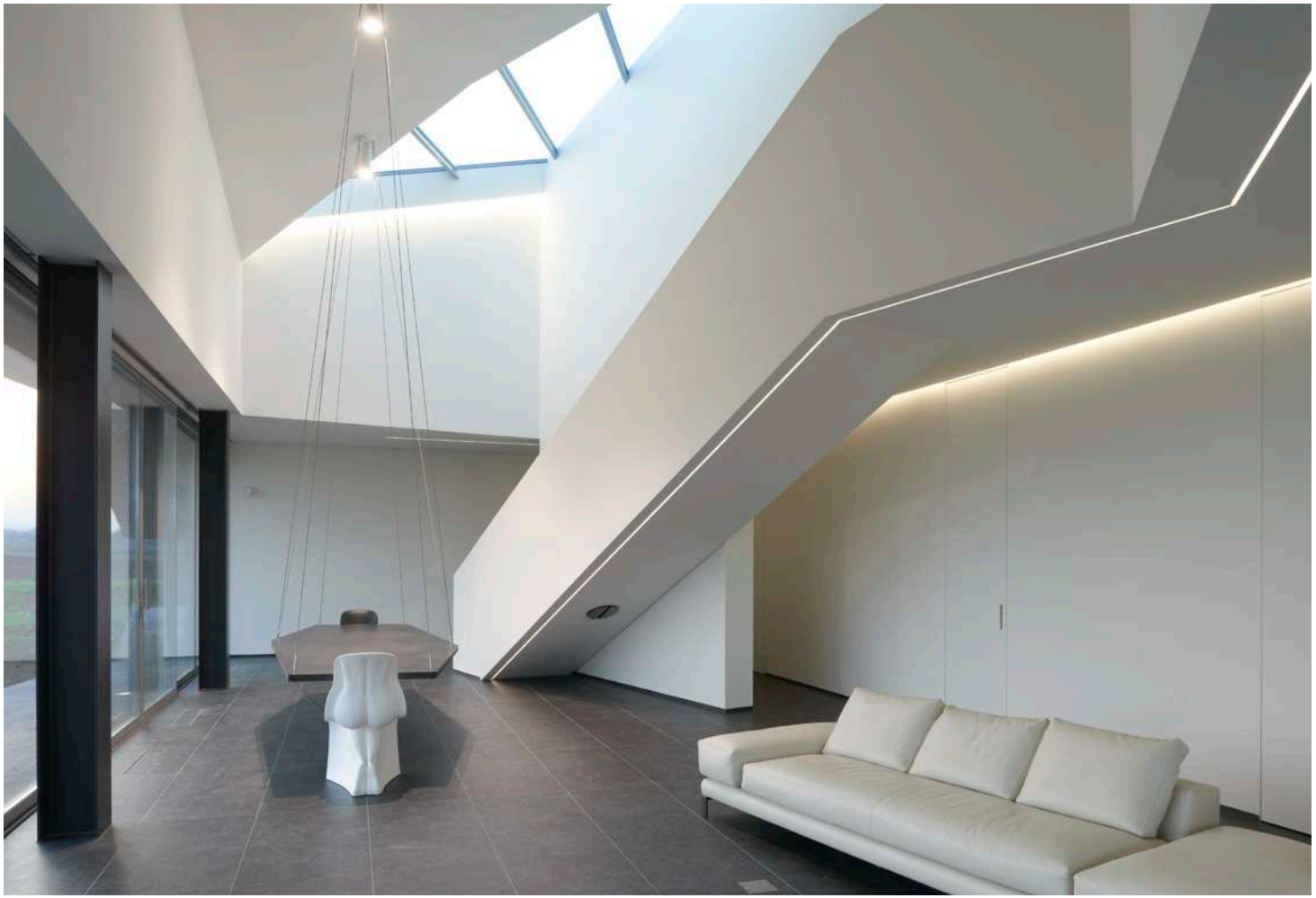
CONSTRUCTION BUDGET
2.000.000 €

TIMELINE
2014-2017

STRUCTURAL ENGINEERING
Eng. Edoardo Poletì

MEP ENGINEERING
Eng. Massimo Bocchi
Eng. Giampaolo Vecchi

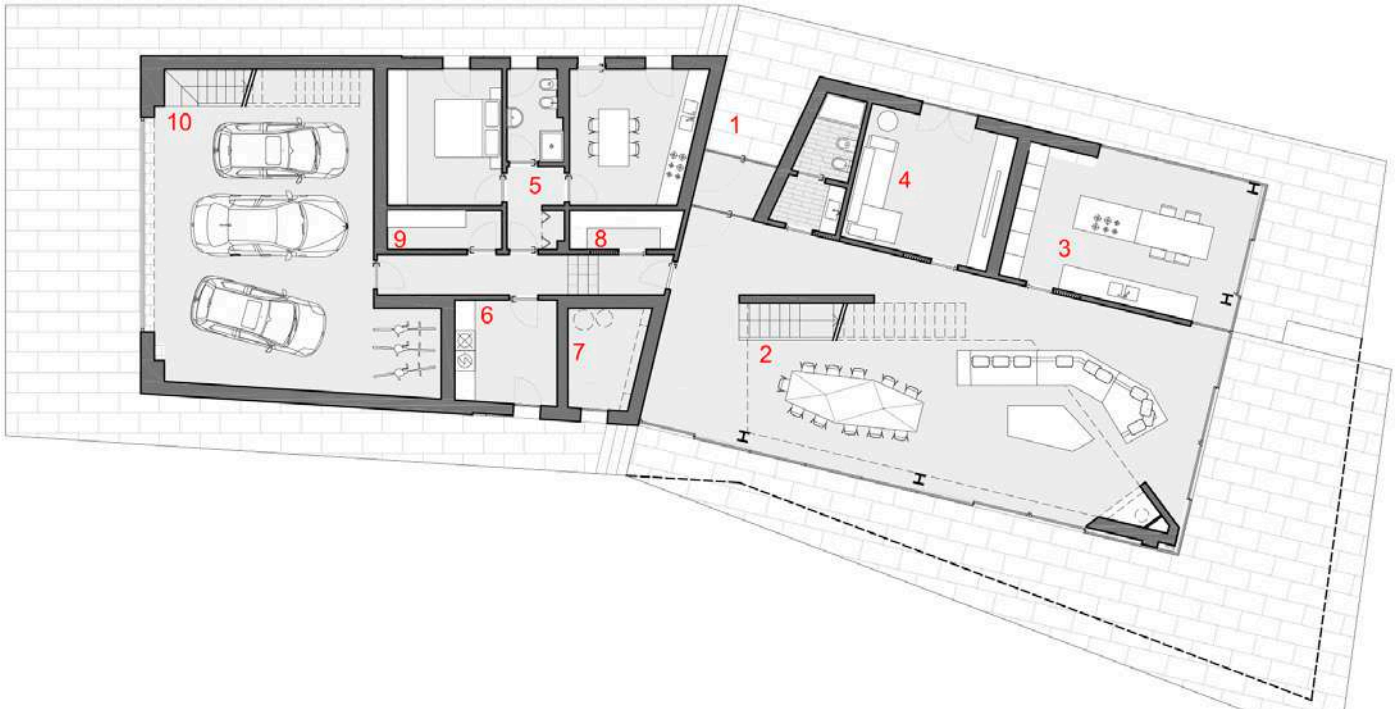
The suspended volume of the roof projects beyond the perimeter of the lower level to a considerable extent, creating deep and inviting porticoes whose function is both to accommodate outdoor family life and protect the large windows from solar gains during the summer. The roof is also characterised by the presence of two patios, onto which face the main spaces of the upper floor, and a large rooflight that provides top lighting to the living area.
In terms of energy, a geothermic system is installed; electricity is supplied through a photovoltaic system which is well-integrated into the roof. A system of mechanic air-changes with active heat recovery is also included.



Plans

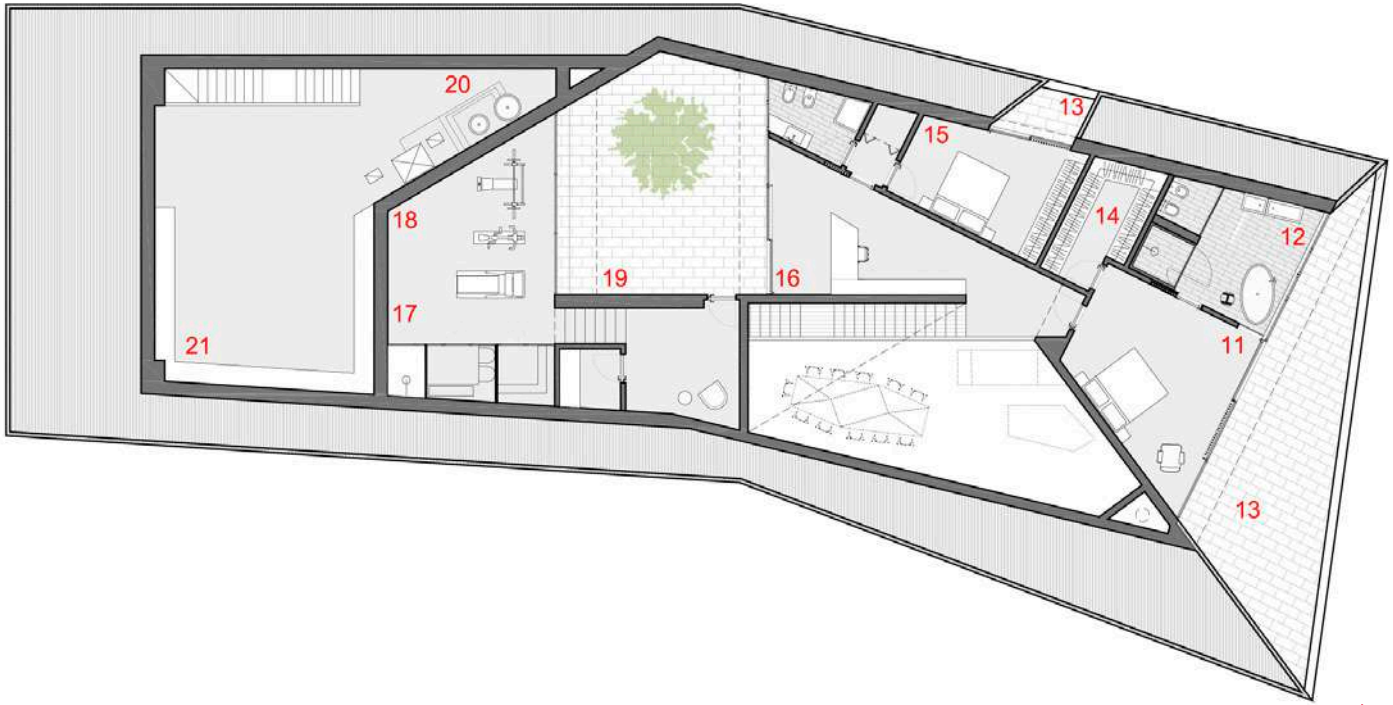
Ground floor:

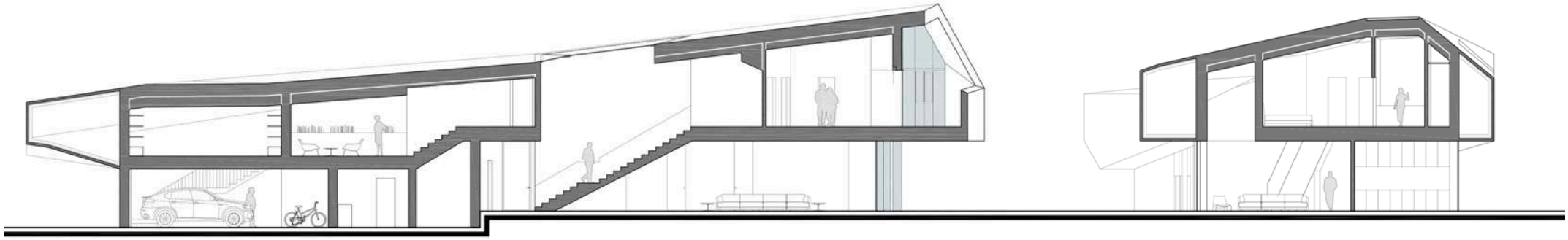
1. Main entrance
2. Living room
3. Kitchen
4. Multimedia room
5. Two-bedroom maid room
6. Laundry
7. Equipment room
8. Wardrobe
9. Cellar
10. Garage



First floor:

11. Master bedroom
12. Master bathroom
13. Terrace
14. Wardrobe
15. Guest room
16. Small office
17. Spa area
18. Gym
19. Patio
20. Technical area
21. Storage





Above: longitudinal and cross section Below: construction site

'Papillon' multi-purpose complex, Kuala Lumpur (MAL)

Located at about an hour's drive from the city center of the Malaysian capital, Setia Eco Park is a luxury residential compound characterised by high environmental quality and a tropical landscape, rich in lush vegetation, waterway, lakes and themed gardens.
As part of this medium-low density plan, covering about 800 hectares, the program envisages the construction of a multifunctional complex able to offer a wide range of services to both residents and visitors, all concentrated within one large compound.

CLIENT
Bandar Eco-Setia Sdn Bhd

LOCATION
Selangor, Kuala Lumpur (MAL)

DIMENSIONS
Plot area: 12.000 sqm
Floor area: 8.000 sqm
Built area: 51.000 sqm

CONSTRUCTION BUDGET
50.000.000 $

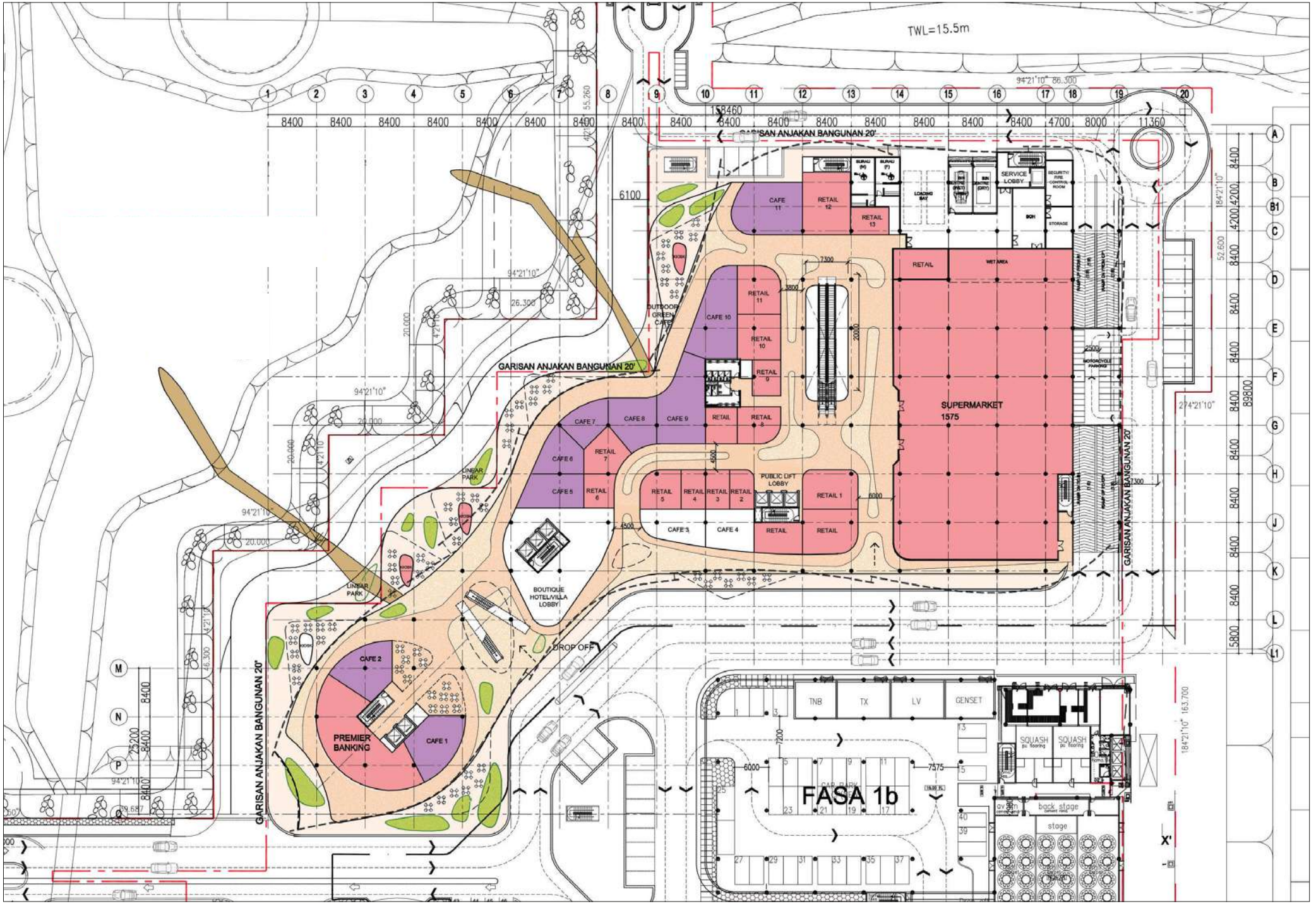
TIMELINE
2015-2016 Preliminary and final design

IN COLLABORATION WITH
Archicentre SDN. BHD

STRUCTURAL ENGINEERING
Archicentre SDN. BHD

MEP ENGINEERING
Archicentre SDN. BHD

More specifically, the following sectors are expected: retail (35%), accommodation (20%), private clinic (20%), spa & fitness (5%), parking (20%). The architectural concept strongly conveys the specific environmental and landscape conditions. Therefore an organic architecture design is envisioned, in which the complex volume, generated by the overlapping of differents shapes dictated by the articulated profile of the plot , is completed by a system of shielding that evokes the wings of local butterflies.
The ecological awareness which drives the development of the entire complex and the intense tropical climate, guides the project towards a meticulous planning of sustainability and indoor comfort. This includes: fixed and moveable solar shading systems, an integrated photovoltaic system, automated systems for the opening of large façade portions to guarantee effective transverse-ventilation, and a green roof.


TWL=15.5m
GARISAN ANJAKAN BANGUNAN 20'
SUPERMARKET
1575
FASA 1b
PREMIER
BANKING
BOUTIQUE
HOTEL/VILLA
LOBBY
PUBLIC LIFT
LOBBY
SERVICE
LOBBY
DROP OFF
LINEAR
PARK
OUTDOOR
GREEN
CAFE
CAFE 1
CAFE 2
CAFE 3
CAFE 4
CAFE 5
CAFE 6
CAFE 7
CAFE 8
CAFE 9
CAFE 10
CAFE 11
RETAIL
RETAIL 1
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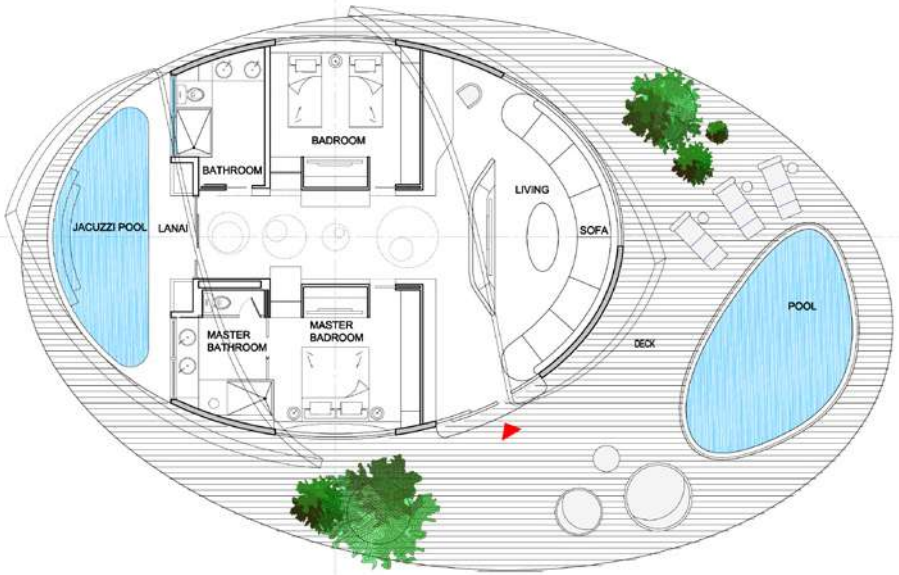
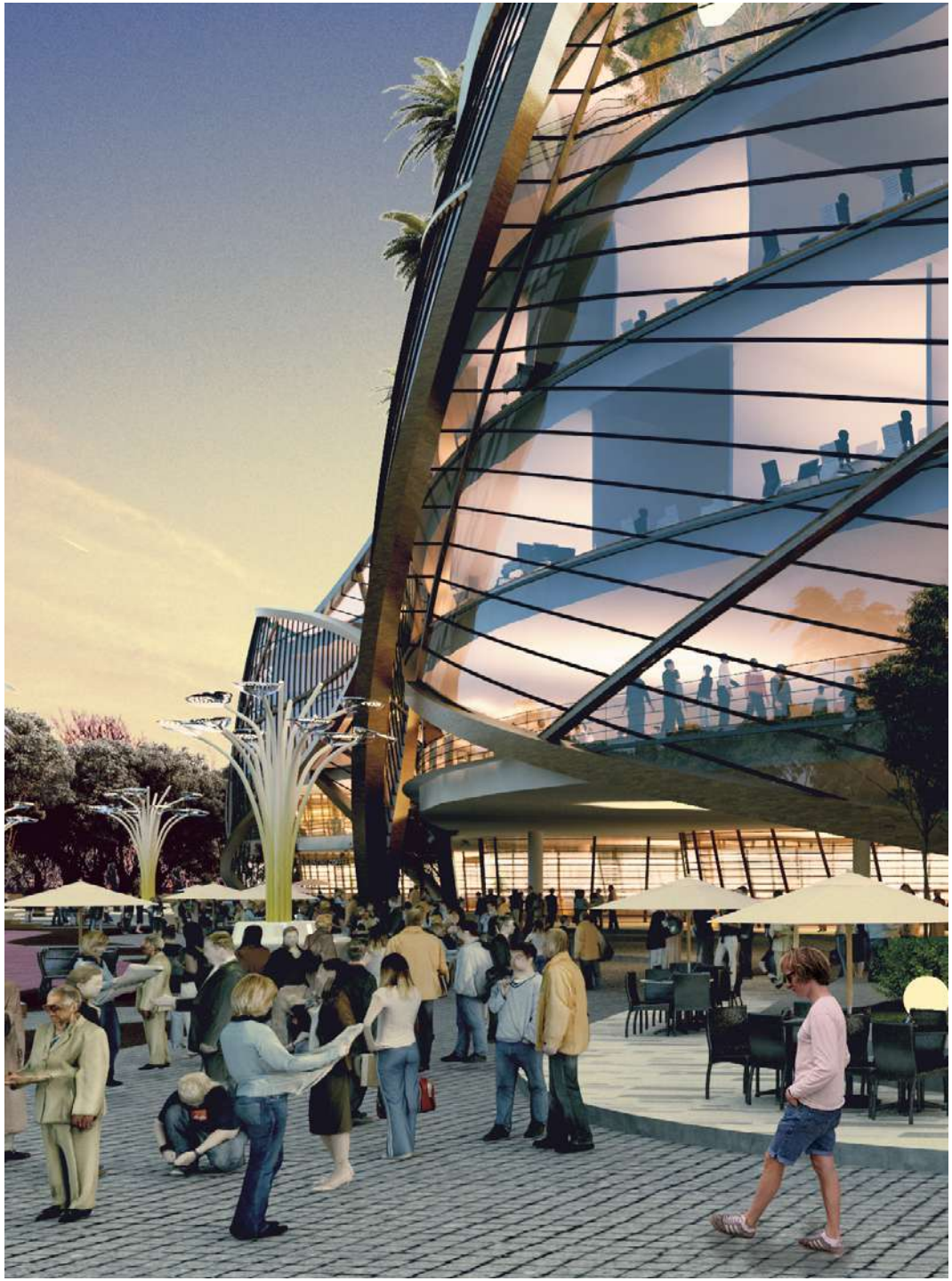
RETAIL 4
RETAIL 5
RETAIL 6
RETAIL 7
RETAIL 8
RETAIL 9
RETAIL 10
RETAIL 11
RETAIL 12
RETAIL 13
WET AREA
LOADING
BAY
BOH
STORAGE
SECURITY/
FIRE
CONTROL
ROOM
MOTORCYCLE
PARKING
TNB
TX
LV
GENSET
SQUASH
pu flooring
back stage
stage
94°21'10"
184°21'10"
274°21'10"

Site plan



Above: Roof villas, typical plan

Below: hotel room Right: strip mall



Functional program:

F7. Rooftop Grand Villa

F6. Boutique hotel

F5. Boutique hotel

F4. SPA - Gym

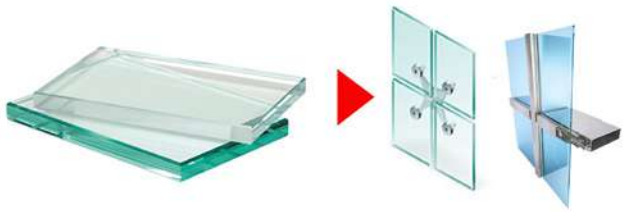
F3. HQ and clinics

F2. Specialist clinics

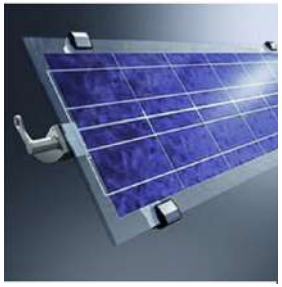
F1. Fine dining, commercial areas

GF. Entrance, Shop

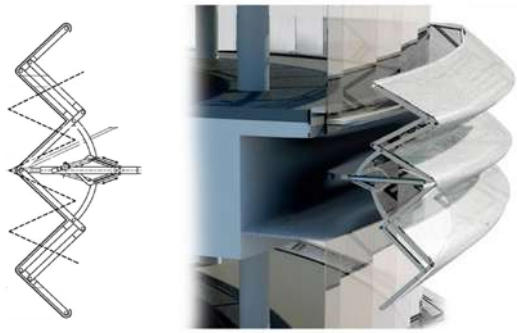
Above: cross section
Below: facade and shading system details



Glazing panels as cladding with spider structure or normal metal/timber frames



Multifunctional panel: Photovoltaic energy captured during daytime and sun shading



Detail of the facade system

'Mosaic' Serviced Apartments, Almaty (KZ)

A mosaic of cultures, histories and experiences will be accommodated by the new building designed on the corner of Dostyk and Bogenbay Batira; housing people and families of different backgrounds, in Almaty for professional reasons on a medium to longterm basis.

The serviced apartment building has thus been conceived as a home far away from home, able to welcome and accomodate on a personal level that is warm and friendly; a place custom-made for private and family life as well as for the public and social life too.
The design of the elevations is based on the idea of the mosaic: a regular ordered grid of full-height windows which holds together a system of coloured panels in different tones and shades, in accordance to a random pattern with an upward gradient. The elevations feature a number of large glazed volumes, enclosing real winter-gardens in which large trees will be placed. Lower down, a full-height glazed strip will create the shop window for the two levels of retail space planned. In addition, at ground level on Dostyk St, a grand entrance hall constitutes the “gate” and key to the whole system, organising the system of access and vertical circulation to the floors.

CLIENT
Elitstroy LLP

LOCATION
Almaty (Kazakhstan)

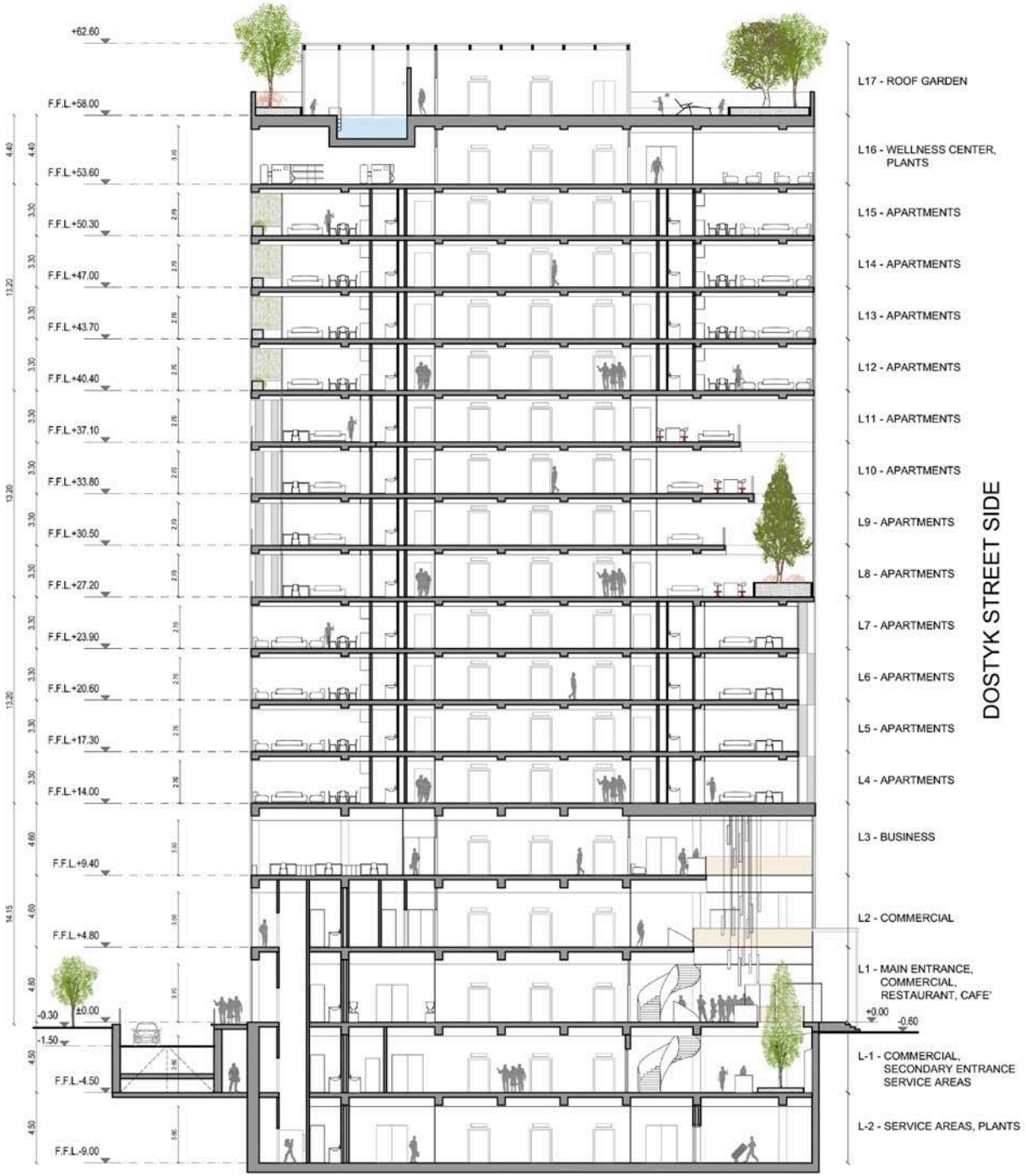
DIMENSIONS
Plot area = 3.350 sqm
Built area = 30.000 sqm

CONSTRUCTION

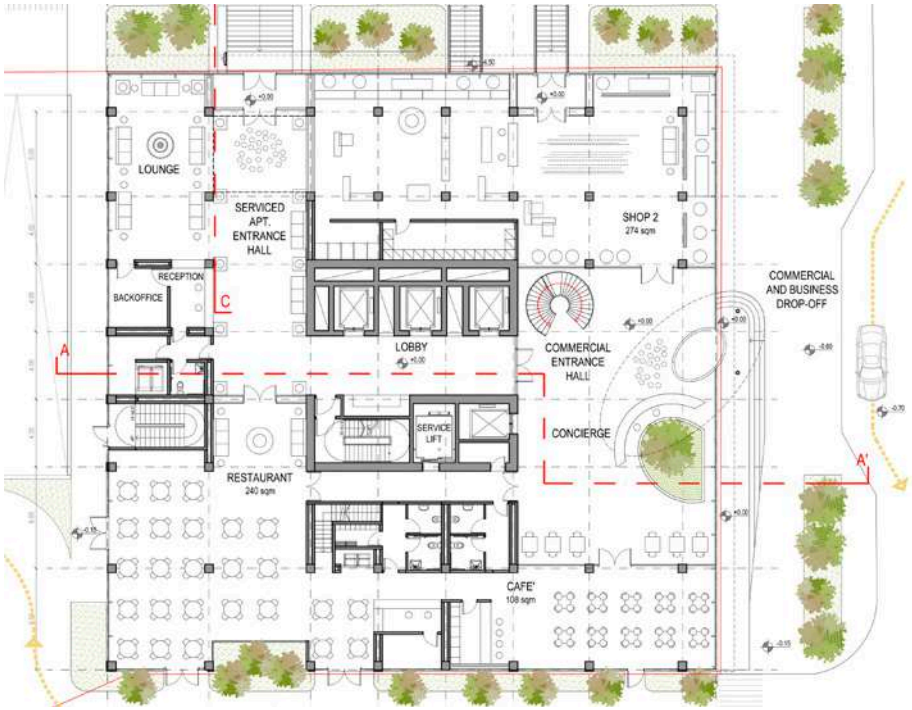
BUDGET
25.000.000 $

TIMELINE
2015, Preliminary and Final Design

Above: a glimpse into the roof garden
Right: cross section

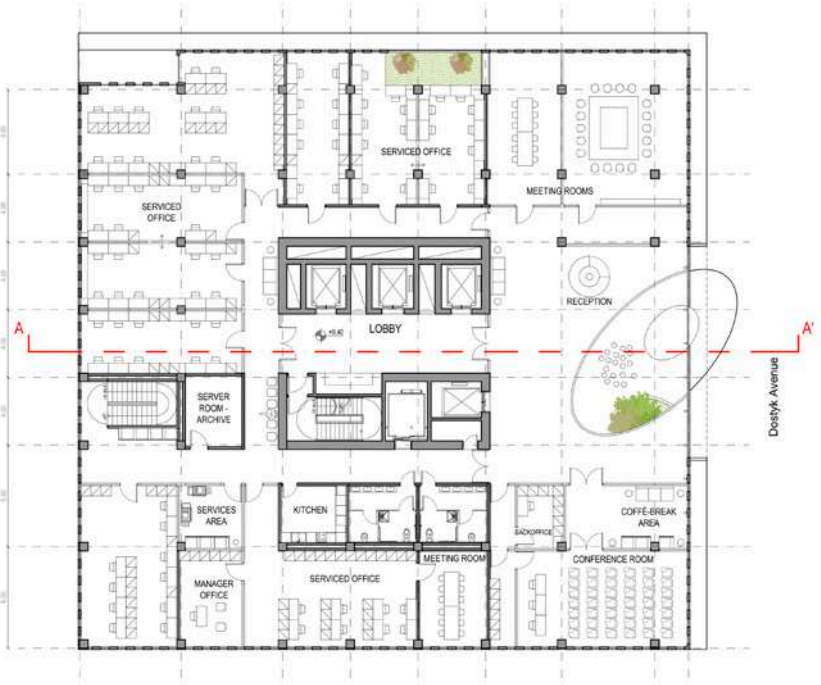


Plan level 1



Plan level 2

Plan level 3



Typical floor plan

‘WoPa’ – Civic centre at San Leonardo, Parma (I)

A competition to transform a valuable example of industrial archeology in the San Leonardo district offers an opportunity to reflect on the DNA of an urban realm that is now deeply layered and multi-ethnic.

CLIENT
Comune di Parma

LOCATION
Parma (I)

DIMENSIONS
Plot area= 4800 sqm
Built area = 3600 sqm

CONSTRUCTION BUDGET
3.500.000 €

TIMELINE
2016, Two-phases design competition,
2° Prize

STRUCTURAL ENGINEERING
F&M Ingegneria S.p.A.

MEP ENGINEERING
Studio TI soc. coop.

This proposal aims to promote the creation of a place with a strong civic vocation in which dialogue and integration are encouraged by working at various levels: historic, geographic and cultural, manifested in the form of a major Library/Cultural Centre; on a religious level, articulated in the idea of dedicating a section of the Library to world religions as well as providing a series of small chapels for prayer, set alongside one another; on a gastronomic level, conceived in the form of a large Food Hall for promoting multi-ethnic food culture; finally at an artistic level, in the form of a large space for producing and displaying art and craft from around the world.

Art and craftsmanship

Multi-ethnic outdoor market

Conferences, exhibitions and events

Food Hall, bookshop and laboratories

Co-working

Refreshment and socialization

New ‘Varignano’ Parish Centre, Viareggio (I)

The new parish centre is conceived as a connection for Varignano: a dynamic and open system designed to receive and bring together the different parts of the neighbourhood.

The complex is designed as a path, a street that all the various elements sit along: the churchyard, canonica, church, Parish centre, listening centre.
An understated, unitary and clearly-articulated system that is easily accessible and intelligible as a place of dialogue and welcome to everyone, but at the same time unique and exceptional with respect to the built fabric and recognisable as a place of Christian worship.
The design proposes an updated, but clearly recognisable, interpretation of all the elements that distinguish the tradition of Christian architecture: the bell tower, the churchyard, the portico, the facade, the olive-grove, arranged and articulated with clarity and precision to encourage and welcome the life of the community.
The typological layout, in a city such as Viareggio whose own history is very much linked to the sea, is interpreted metaphorically as a landing, a kind of pier to dock at; and thus also the Presbytery, pivotal place for celebration, is interpreted as a port, a safe place to stay.

CLIENT
Arcidiocesi di Lucca

LOCATION
Viareggio, LU (I)

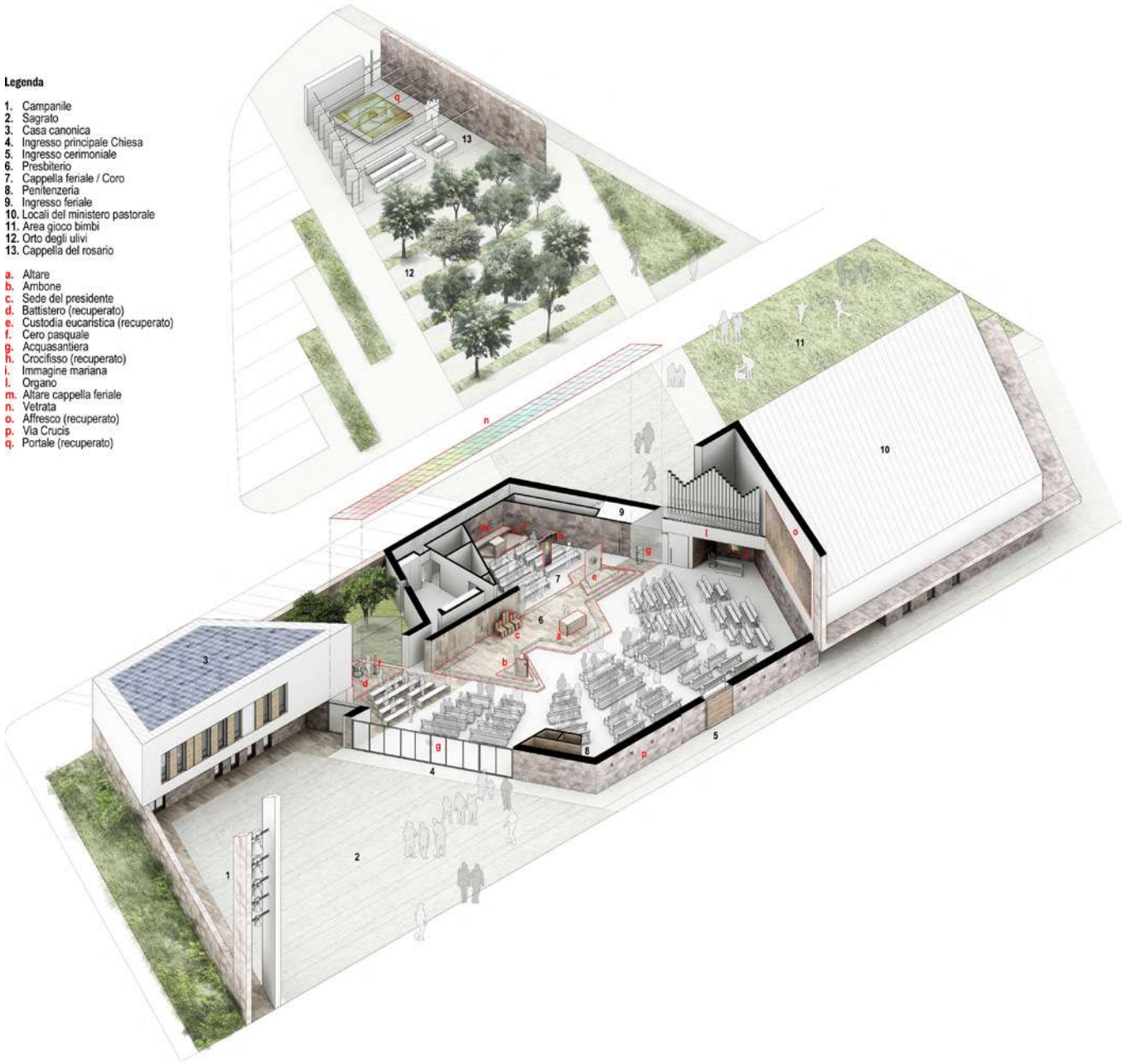
DIMENSIONS
Plot area = 4.580 sqm
Built area = 1.565 sqm

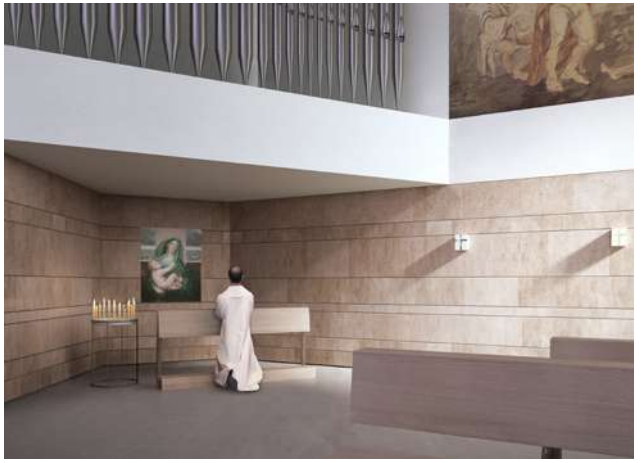
CONSTRUCTION BUDGET
3.000.000 €

TIMELINE
2015, Two-phases design competition - **Shortlisted design**

LITURGIST
Don Alberto Zironi

ARTISTS
Luca Bertolo
Chiara Camoni
Fabrizio Prevedello





Above: functions exploded axonometric view

New City of Research and Innovation, Almaty (KZ)

The Kazakh economy, historically focussed on the exploitation of vast reserves of fossil fuels (oil and gas), minerals and raw materials, as a result of a long-sighted policy of planning for the future, a process of diversification has begun, mainly aimed at the development of other strategic sectors such as transport, pharmaceuticals, telecommunications and food.

CLIENT
Tanri Development – Otrar Group

LOCATION
Almaty (KZ)

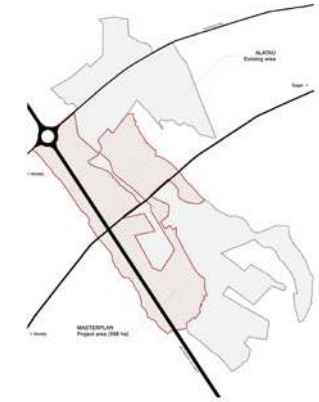
DIMENSIONS
Plot area = 588 ha
Built area = 3.350.000 sqm

CONSTRUCTION BUDGET
-

TIMELINE
2015, Preliminary design

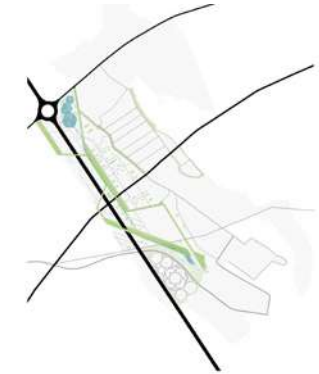
Within this context, sits this scheme for a new urban district for research and innovation, planned in an area of about 590 hectares to the east of Almaty.
An urban area of modern conception, a specific and ideal setting, able to attract and inspire students, researchers, families and young entrepreneurs; an active and dynamic place in which to learn, carry out research and find all services and conditions for implementing ideas, projects and visions; a multifaceted and multi-confessional social context whose common denominators are forward-thinking and the desire to make a tangible contribution to the development of the country. All in a physical and environmental setting of high-quality in which the principles of eco-sustainability and healthy living constitute essential drivers and key levers.

Project area



Infrastructures

Green areas



Main buildings

University campus

Post–Earthquake Timber Church, Medolla (I)

This scheme was conceived to respond to the need for the Parish to rapidly resolve, on both a functional and symbolic level, the tragedy arising from the destructive events that deprived the community of their churches following the earthquake in May 2012.

The need to combine rapid construction, seismic safety and a low budget, orientated, right from the start, the choice of technology that was to be used for the prefabricated timber.
The project is characterised by its simple, almost archetypal lines, in which some of the classical themes of church architecture are clearly referenced; key elements include natural light and transparency.
The general layout consists of a single nave (able to hold 200 seated and 100 standing) with a pitched roof with an additional volume for service areas situated on the west side of the presbytery.
The main elevation is distinguished by a large proportion of the facade being of full-height glazing, while the entrance is preceded by a large courtyard and a portico where the main door is located, along with the door for everyday use.
The church is certified in energy Class A.

CLIENT
Parrocchia dei SS. Senesio e Teopompo; Arcidiocesi di Modena - Nonantola

LOCATION
Medolla –MO (Italy)

DIMENSIONS
Plot area = 1500 sqm
Built area = 650 sqm

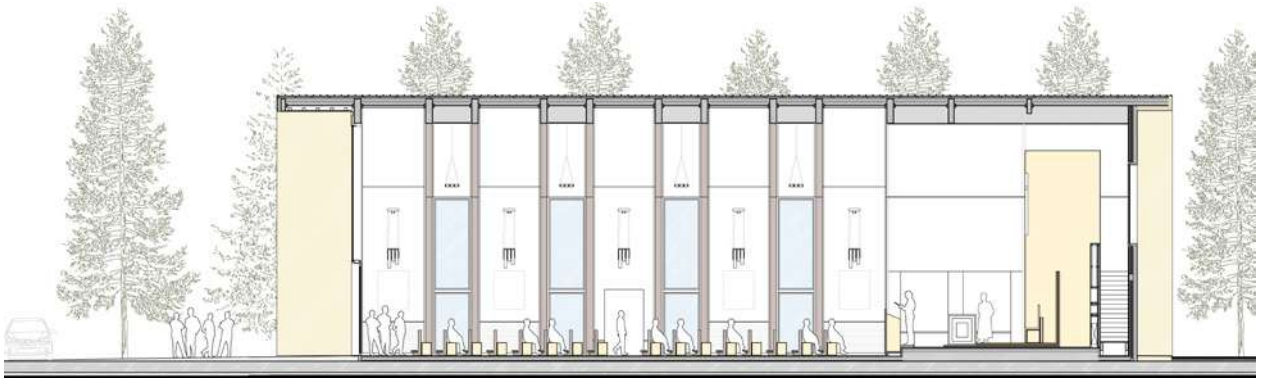
CONSTRUCTION COST
1.200.000 €

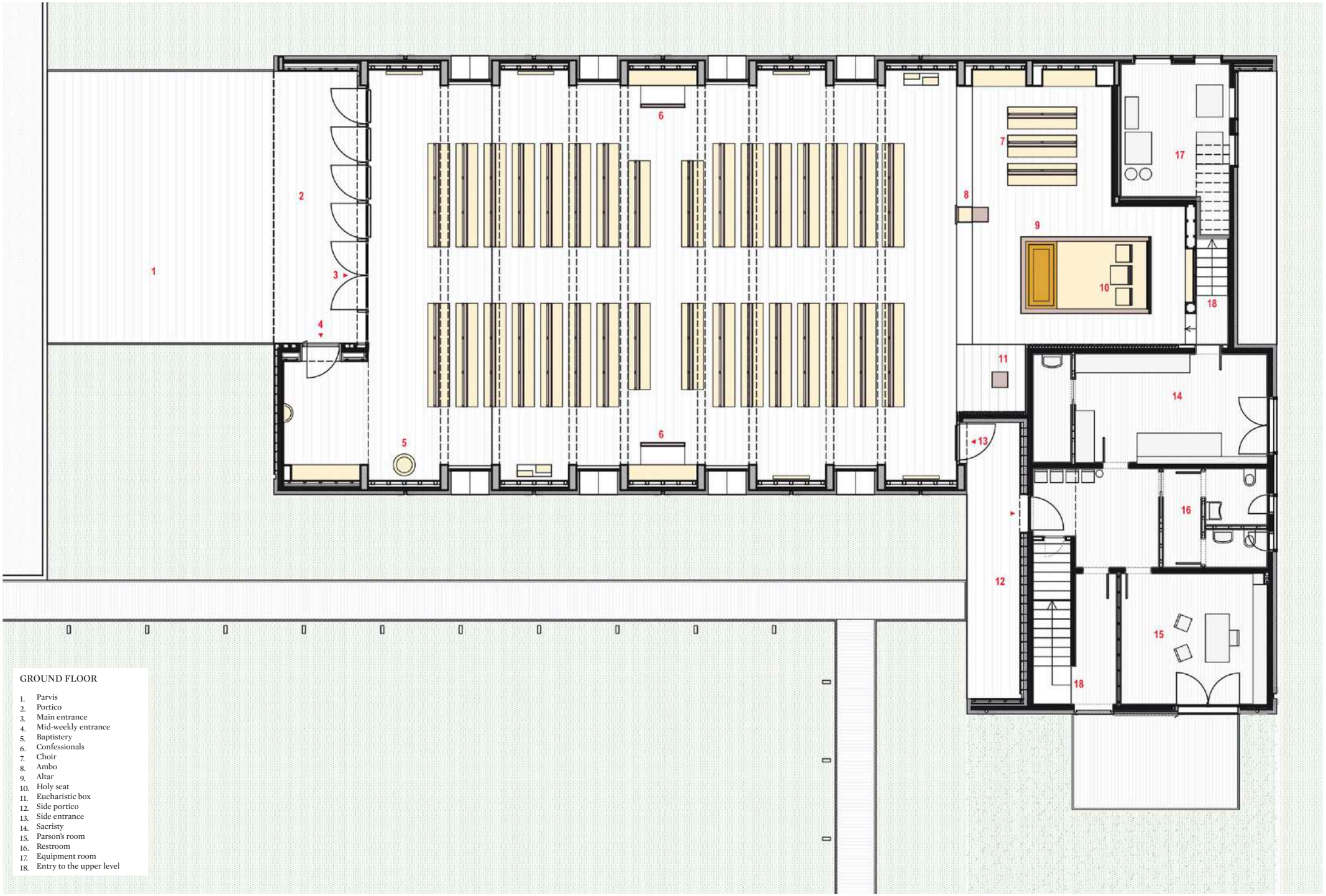
TIMELINE
2012-2013

STRUCTURAL ENGINEERING
Eng. Edoardo Poletì
Eng. Franco Piva

MEP ENGINEERING
Studio A+
Studio Garutti

ACOUSTICS
PGM / P.I. Marco Pincelli





GROUND FLOOR

1. Parvis
2. Portico
3. Main entrance
4. Mid-weekly entrance
5. Baptistery
6. Confessionals
7. Choir
8. Ambo
9. Altar
10. Holy seat
11. Eucharistic box
12. Side portico
13. Side entrance
14. Sacristy
15. Parson's room
16. Restroom
17. Equipment room
18. Entry to the upper level

New Alma Mater Museum of Excellence, Bologna (I)

Within the overall scheme for converting the ex military area ‘STAVECO’ for university use, the new Alma Mater Museum of Excellence is envisaged inside one of the most distinctive blocks of the whole complex, characterized by the presence of an extremely light and elegant art-nouveau-style structure.

CLIENT
Alma Mater Studiorum - Università di Bologna

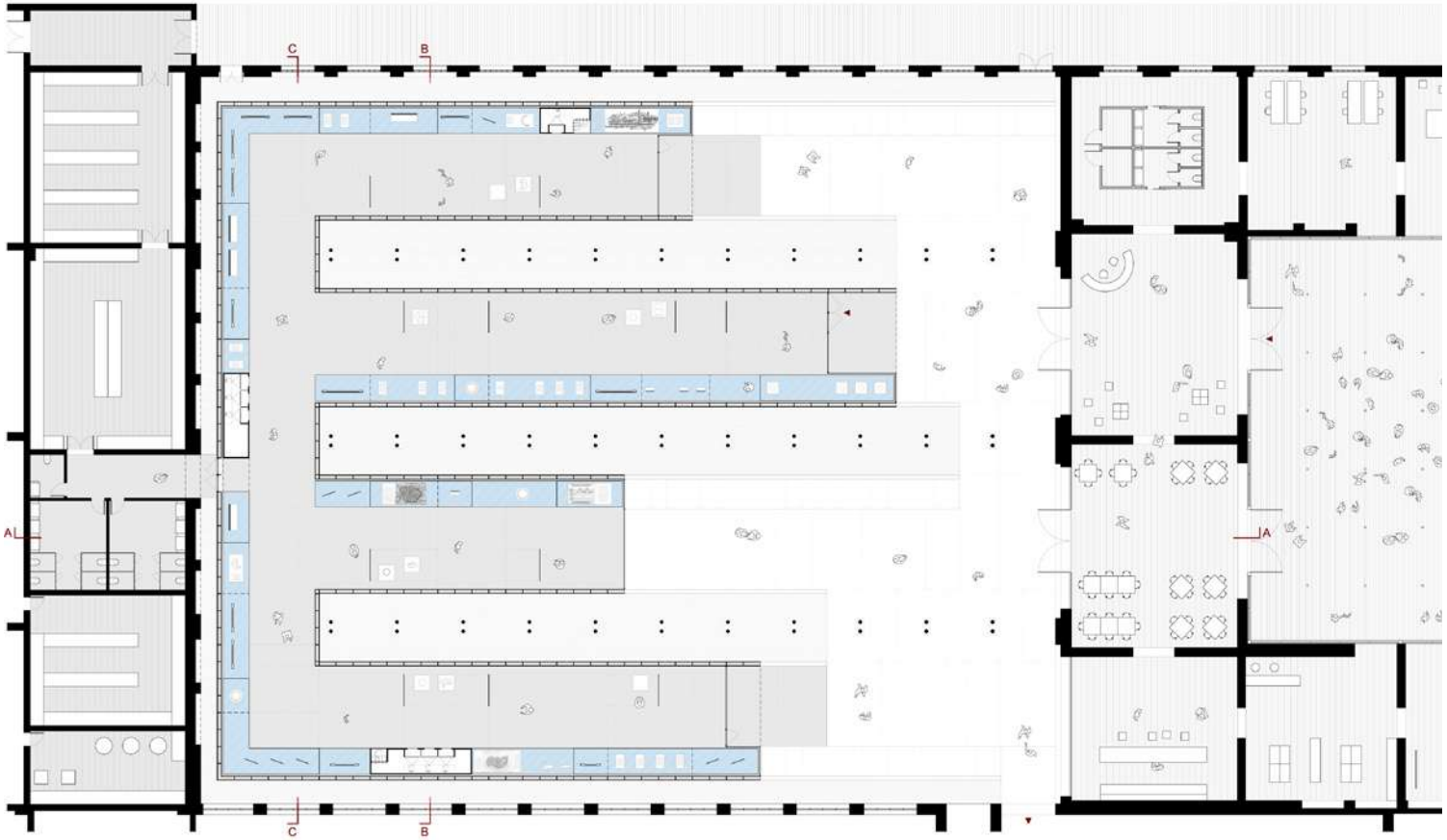
LOCATION
Bologna (I)

DIMENSIONS
Plot area: 7.000 sqm
Built area: 2.600 sqm

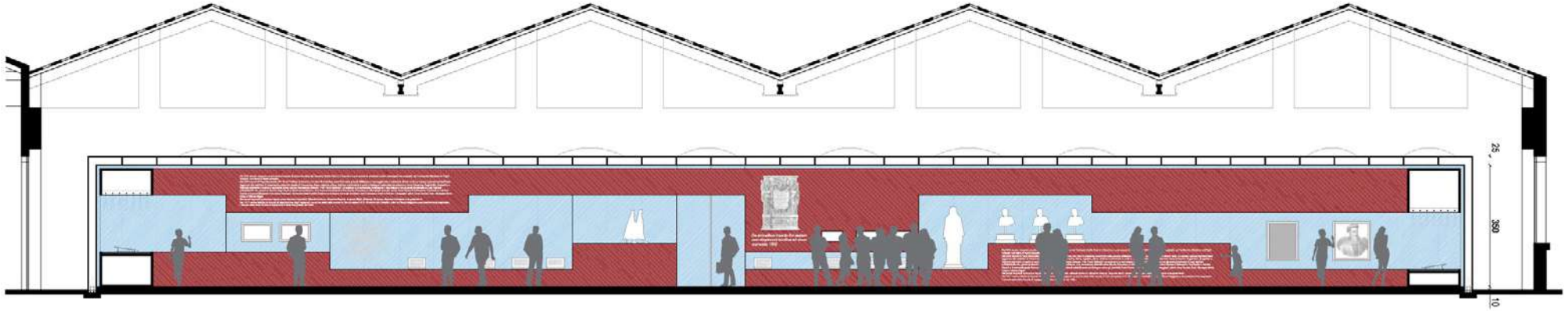
CONSTRUCTION BUDGET
4.000.000 €

TIMELINE
2013, Concept design

Conservation restrictions imposed by the Soprintendenza, in addition to the demand for a radical change in function for the building have steered the design towards an approach to conservation, not dogmatic but considered and responsible.
Thus established the line of philological conservation for the most significant elements such as the overall volume, spatial continuity of the large roof and the main structure in wood and steel while, a decision was also taken to reinterpret the roof and introduce a new glazed “treasures chest”. The interpretation of the new museum container, as a glazed and bright screen, guarantees the dialectic relationship between the new and old making it possible to continually see the line of the steel structure of the old building during the course of the visit.




Lorem ipsum



Refurbishment of Mirage Headquarters, Pavullo (I)

This project involved the upgrading of an office building in terms of both its architecture and energy performance, for a leading manufacturer of ceramic tiles.

The geometric shape of the building was rationalised by demolishing the mismatched volumes that had been added over time, and its overall appearance was given a more contemporary style to better reflect the identity of the company.
The facades have been treated as a kind of “manifesto” for the use of porcelain stoneware in architecture. The project also included the reorganisation of the offices with a layout that responded more comprehensively to the operative needs of the company and the modernisation of the spaces, in accordace to criteria of linearity, transparency and luminosity.
The exterior space was also addressed, with the addition of a large, paved pedestrian area that functions as an open-air exhibition space and a new metal fence onto the street and a new signage totem. Particular attention was also given to the design of dramatic outdoor lighting.

CLIENT
Mirage Granito Ceramico S.p.A.

LOCATION
Pavullo –MO (I)

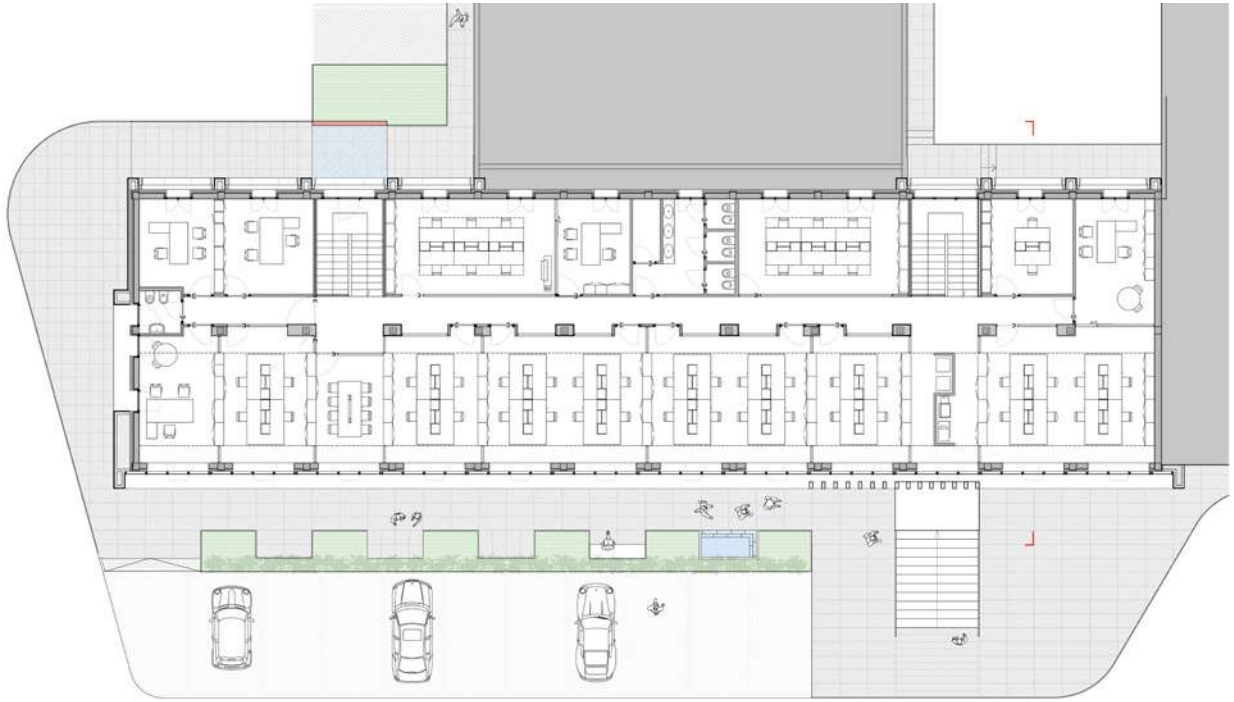
DIMENSIONS
Plot area = 3.000 sqm
Built area = 1.500 sqm

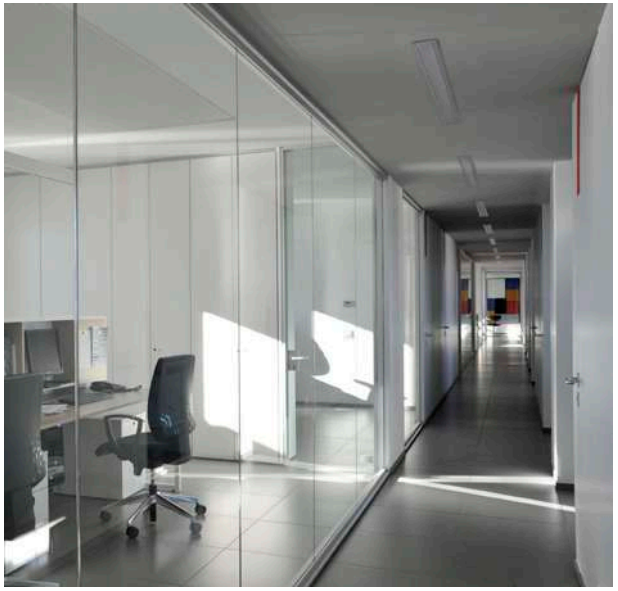
CONSTRUCTION COST
1.500.000 €

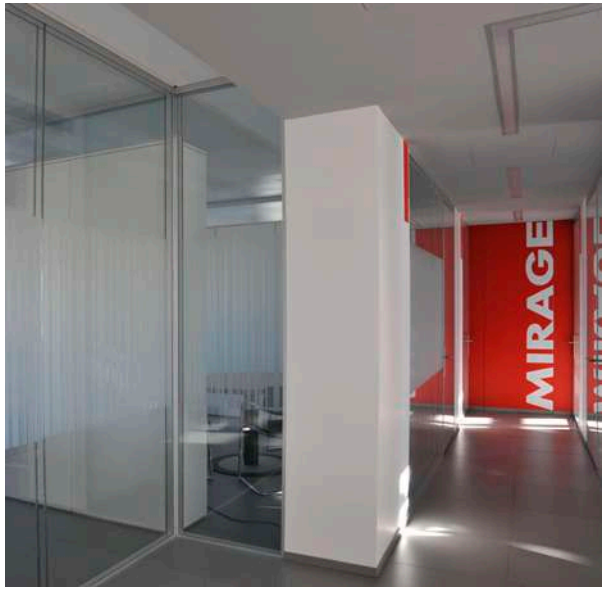
TIMELINE
2012-2013

STRUCTURAL ENGINEERING
Eng. Edoardo Poletì

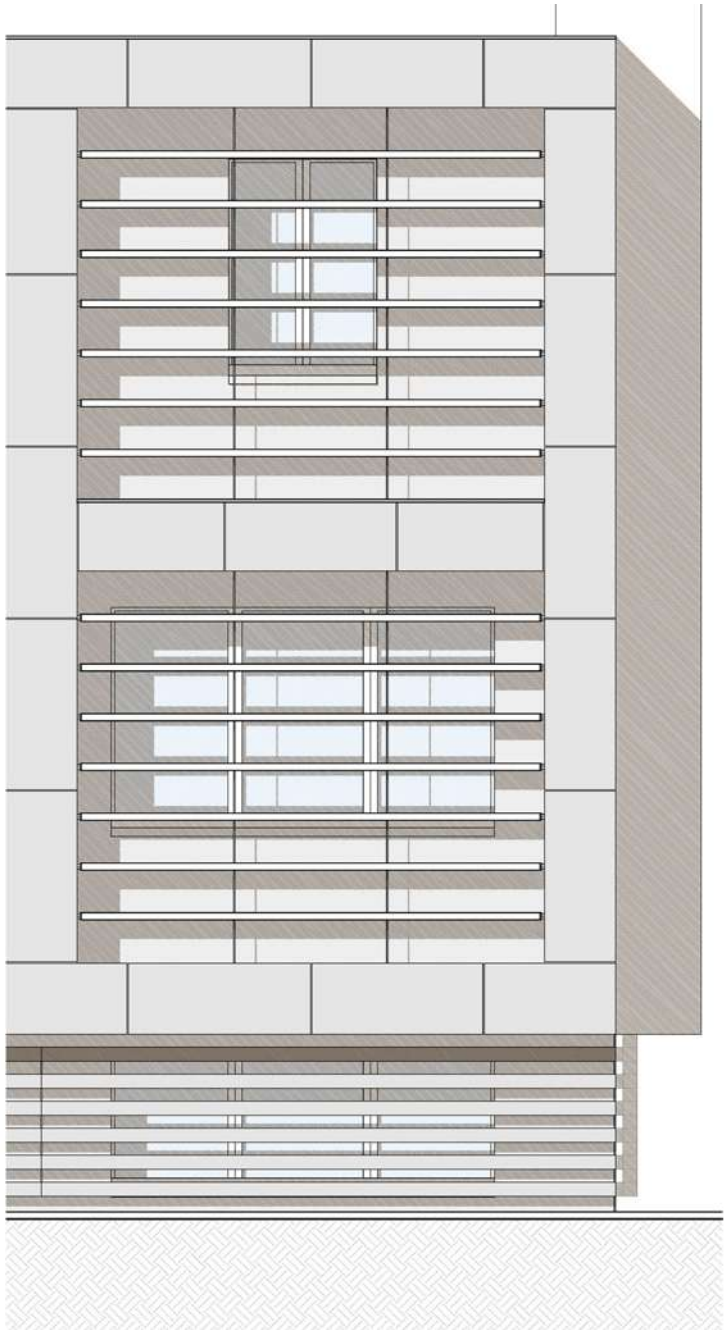
ENERGETICAL ASPECTS
Studio A+

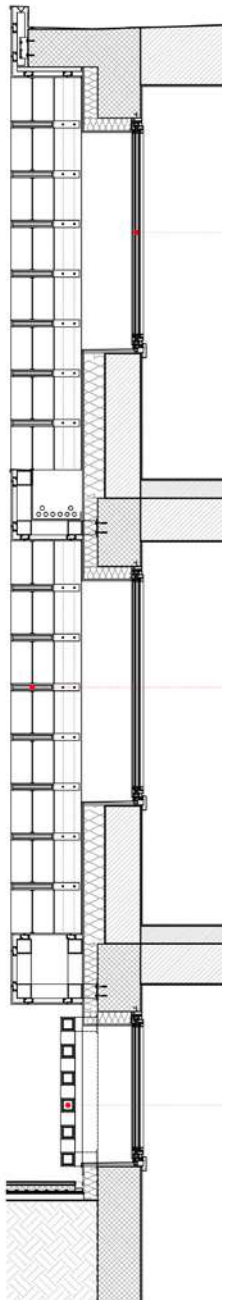







MIRAGE





SISTEMA DI INVOLUCRO

1. schermatura costituita da tubolari rivestiti in gres
2. frangisole a sezione rettangolare rivestito in gres
3. facciata ventilata rivestita in gres
4. infissi a taglio termico con gas argon
5. facciata fotovoltaica in silicio amorfo

Bezalel Academy of Arts and Design New Campus, Jerusalem (IL)

The design aims to preserve the urban void between the historic buildings of the Russian Compound and to emphasize the magnificent perspectives toward Mount Scopus and Mount of Olives.

CLIENT
Bezalel Academy of Arts & Design

LOCATION
Jerusalem (IL)

DIMENSIONS
Plot area = 9.000 sqm
Built area = 44.000 sqm

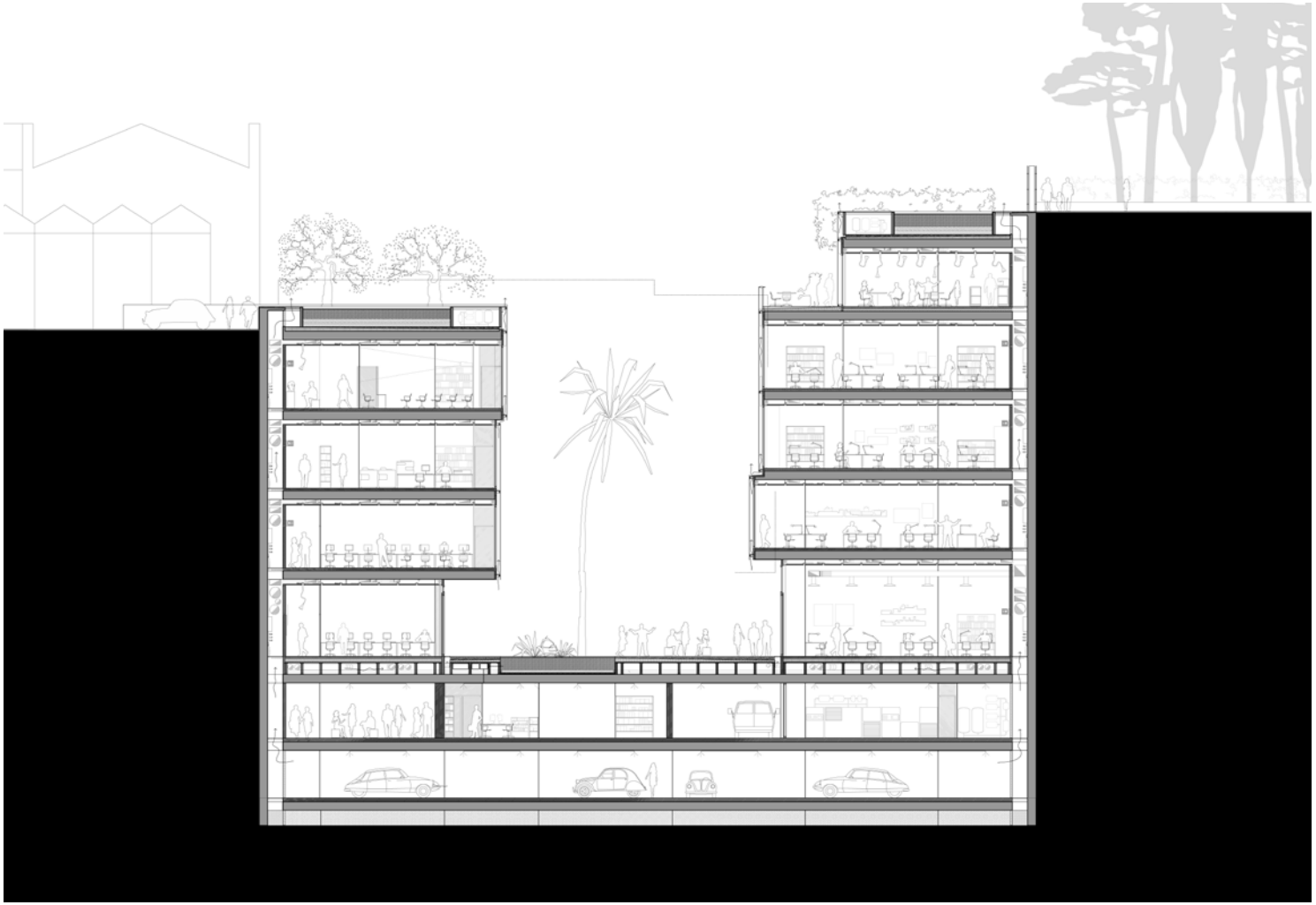
CONSTRUCTION BUDGET
60.000.000 $

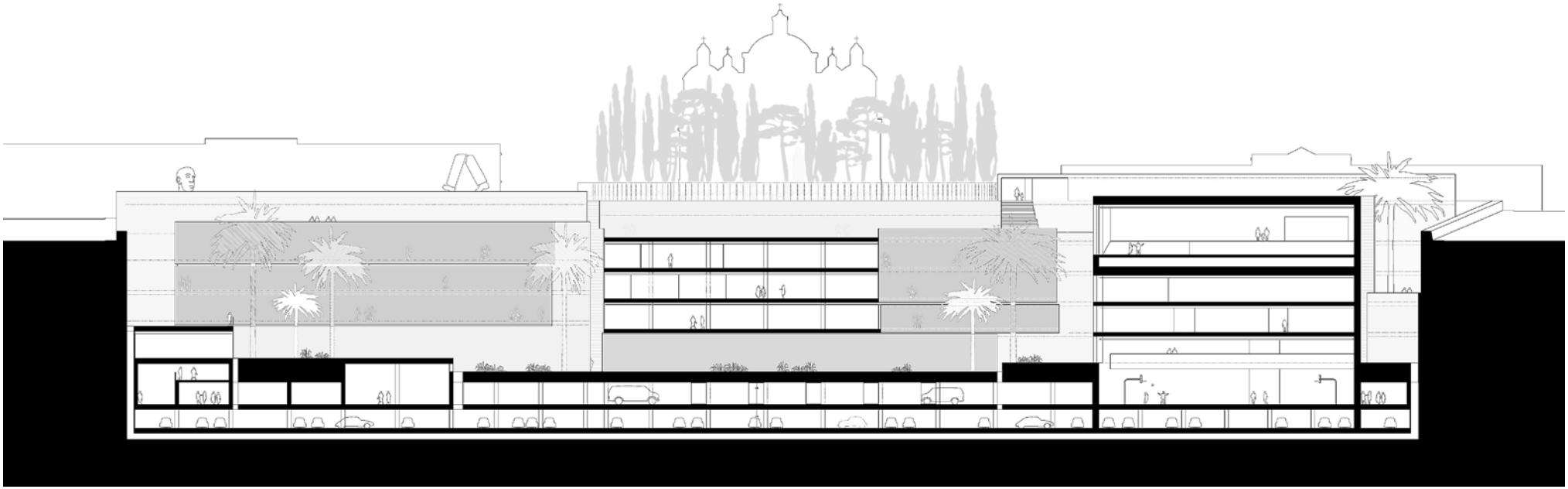
TIMELINE
2007, Two-phases design competition / **Honourable mention + Jury special Award**

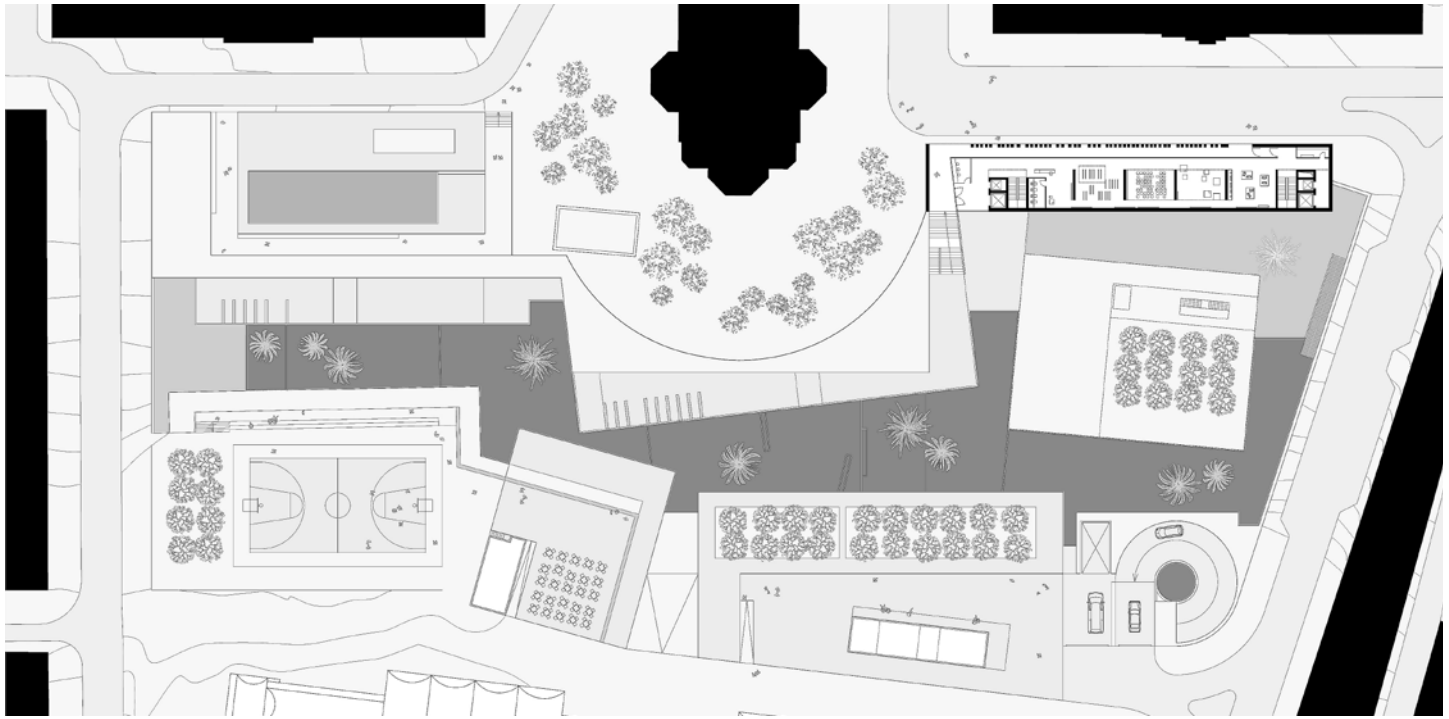
STRUCTURAL ENGINEERING
Favero & Milan Ingegneria S.p.A.

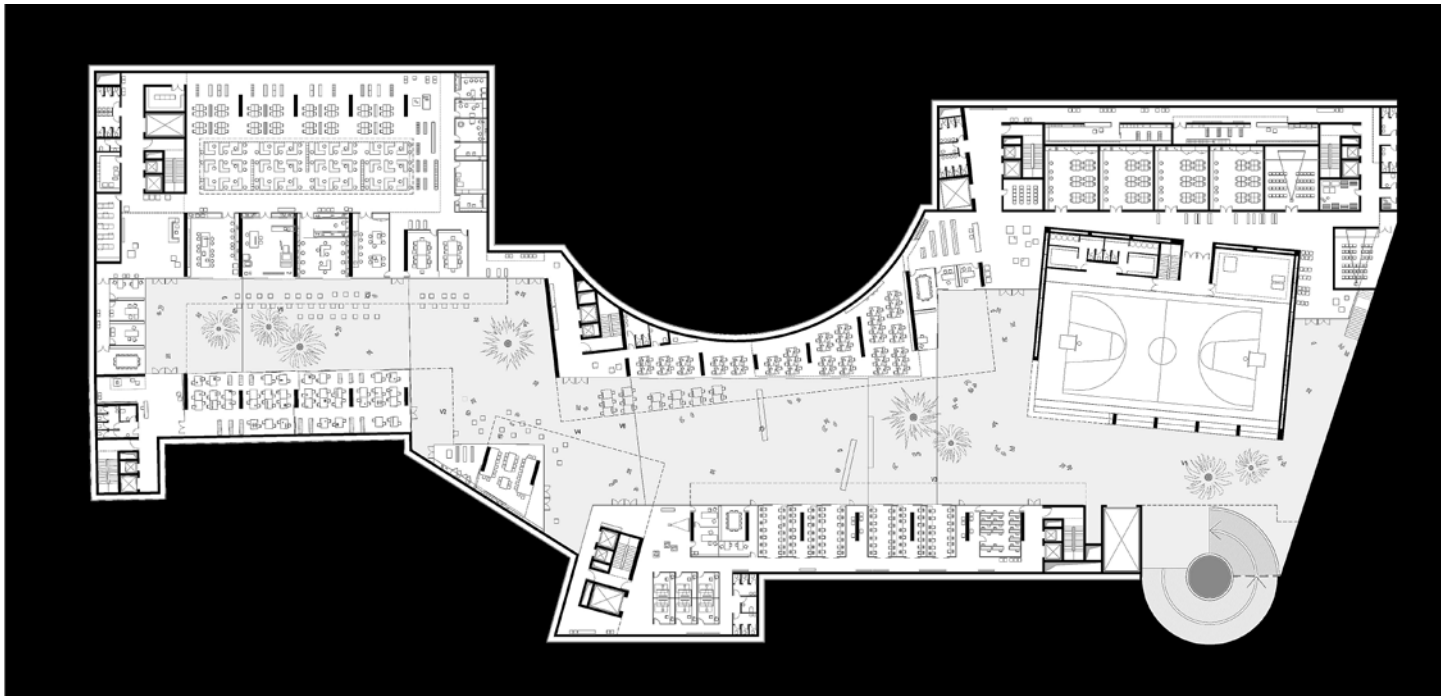
MEP ENGINEERING
Favero & Milan Ingegneria S.p.A.

Throuhgout a process of unearthing, the architecture is revealed from the ground: the central spine appears like a crevice, while the volumes silently adapt to the existing topography generating a sequence of blocks at different levels. In the city of stone, the new Bezalel Academy campus will be sculpted in stone.
Like in a quarry, vertical and horizontal surfaces will be treated differently: the large horizontal surfaces, such as roofs, terraces and the canyon will be covered with traditional chiselled stone, whereas the vertical surfaces will be dressed with a system of large irregularly scored slabs.





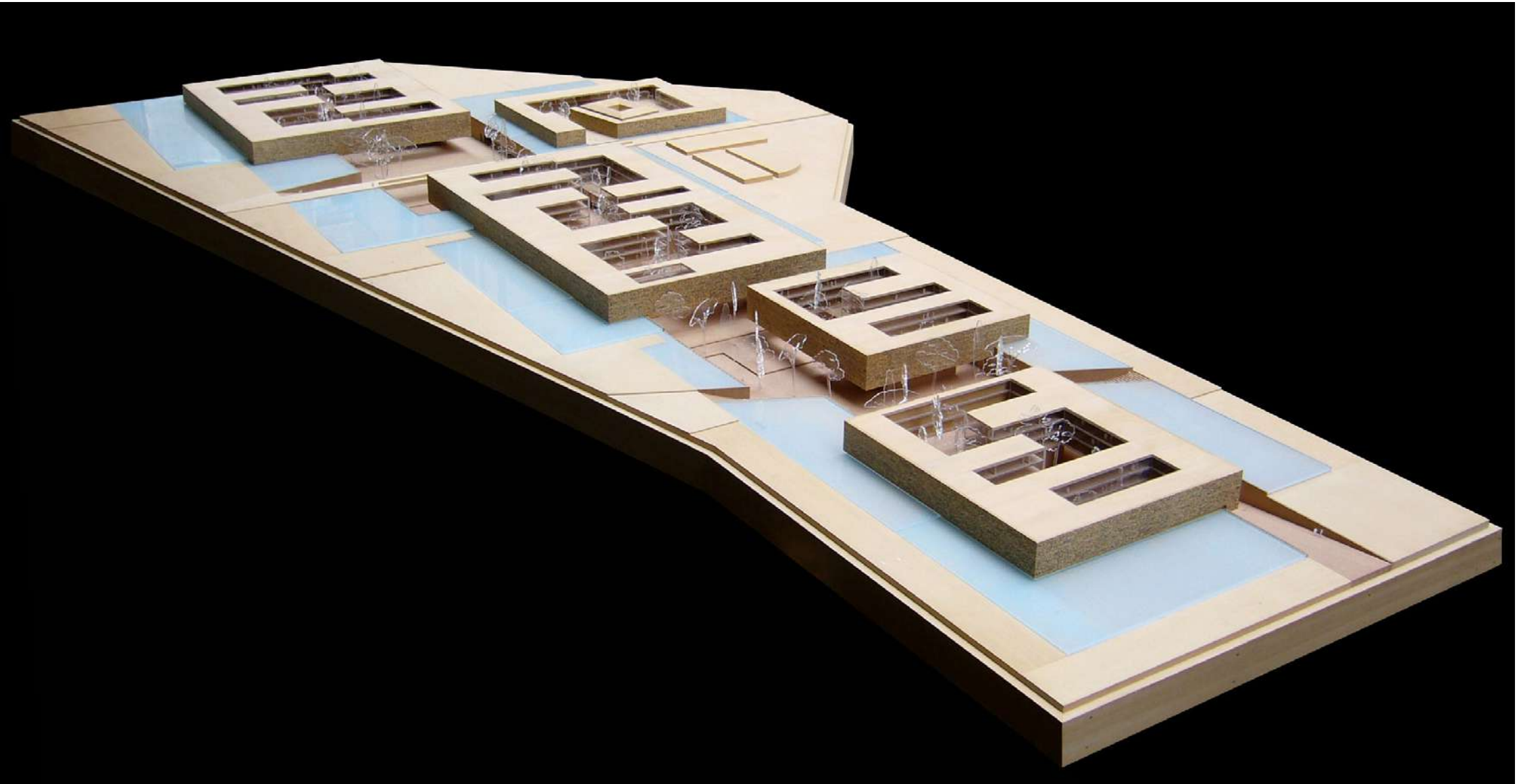




Right: ground floor plan and -5 plan

University Campus of Medical Science, Granada (E)

In the heart of the torrid Andalusia, the concept of the design is derived from an idea of protection: the building sinks into the soil to find the most favourable microclimate, while the architecture rises towards the sky producing a dense system of shades to mitigate the intensity of the solar radiation.



CLIENT
Universidad de Granada

LOCATION
Granada (E)

DIMENSIONS
Plot area = 100.000 sqm
Built area = 98.000 sqm

CONSTRUCTION BUDGET
140.000.000 €

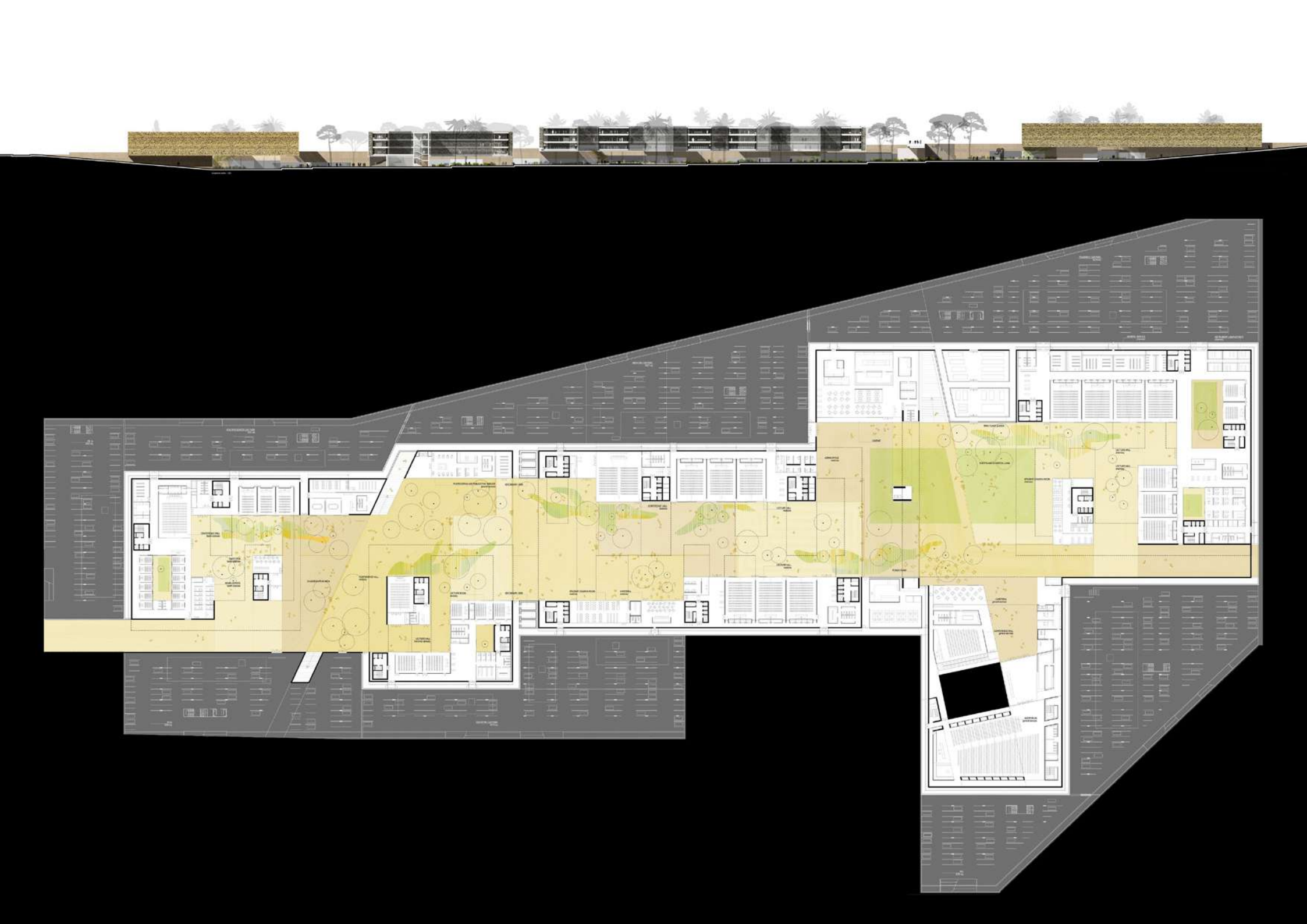
TIMELINE
2006, Two-phases design competition /
Shortlisted design

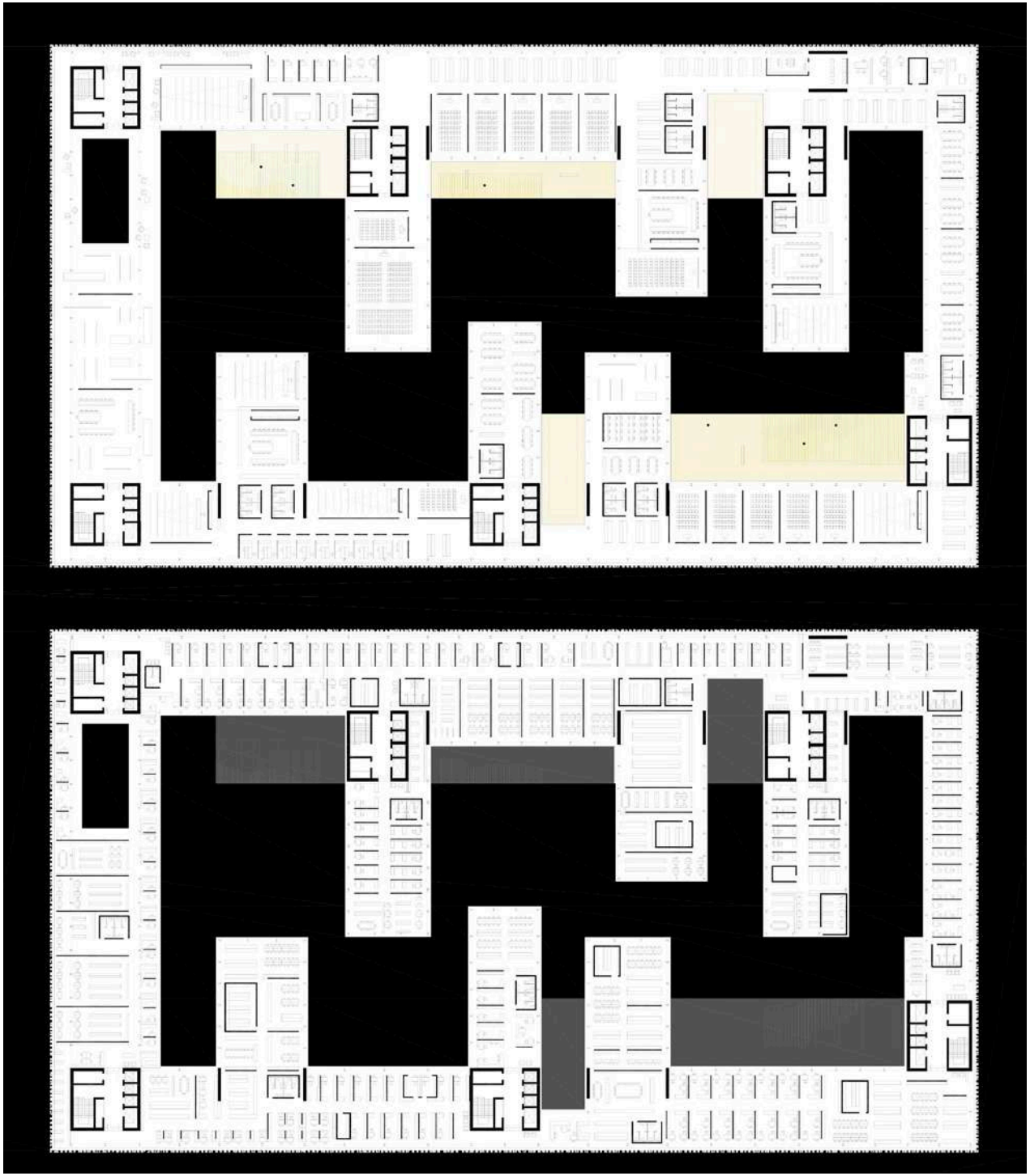
STRUCTURAL ENGINEERING
Favero & Milan Ingegneria

MEP ENGINEERING
Eng. Michele De Carli

LANDSCAPE DESIGN
Enrica Dallara
Matteo Zamagni

The plan entails the construction of 4 faculties, (Medicine, Pharmacy, Medical Sciences, Dentistry) and a building for General Services, which includes a large library. The customary horizontal relationship between open and built space is challenged; by leaving the ground free, the buildings allow the flow of connectivity. The result is a sort of east - west oriented spine, by which the life of the campus is literally elevated. The spine provides access to the faculties, the general services and the largest classrooms; the garden becomes a real outdoor extension of the working/studying areas. The architecture presents a double character: the exterior stone facades give the building an introverted appearance from the street, whereas the interior's glass panelling gives it a more extroverted look from the courtyards. Vast water surfaces, fed by collected winter rainwater, isolate the external fronts of the buildings producing scenic effects and indicate that life develops entirely inside.



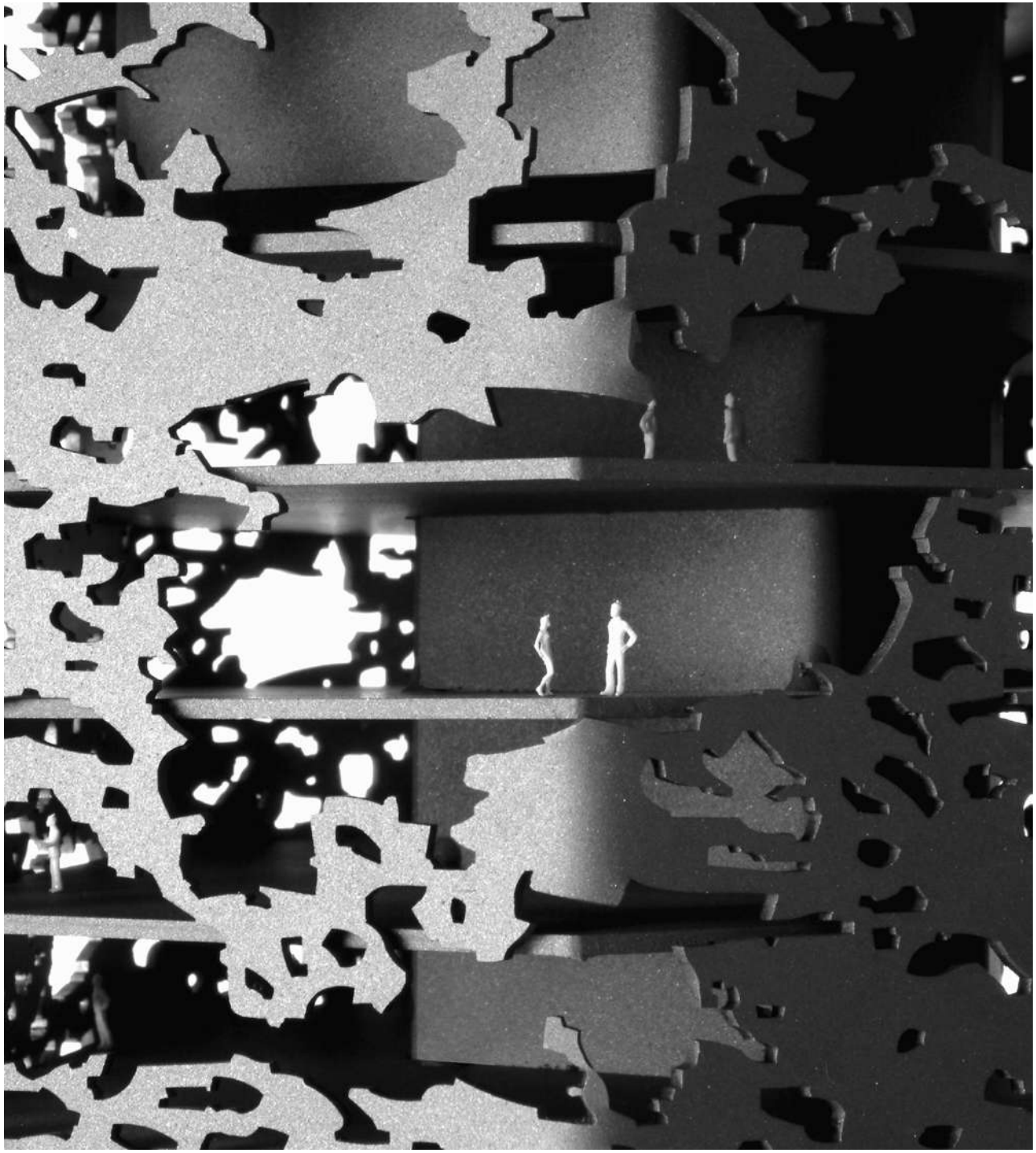


Right: medical school plan

Mimetic Towers, Fujian (PRC)

The mimetic towers, planned for the development of coastal tourism in Fujian, are natural totems in stone, made of overlapping monolithic blocks, where variable geometry comes from different programmatic functions at various levels.

The standard multifunctional tower (73 floors, 304 m in height) consists of 28 residential floors, 18 office floors (services for tourism) and 20 floors for reception utility, but the flexibility of the scheme enables each developer to transform and customize the configuration. Public services, such as parking, shopping, entertainment and community establishments are located within the lower linear body of the tower, (molecular links) whereas access to the towers are adjacent to open spaces.
With regards to the technical aspects of the construction, the towers are built according to the typical structural scheme for tall buildings: a main core in concrete, which contains vertical connections and an outer ring of pillars. The external skin is therefore suspended.



CLIENT
BCE Co. Ltd.

LOCATION
Fujian (PRC)

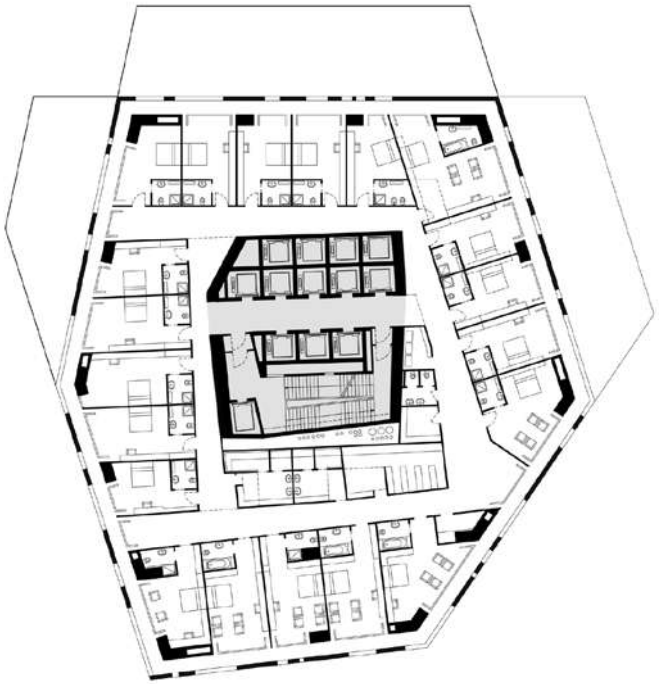
DIMENSIONS
Typical settlement: 25.000 inhabitants
Single tower's GFA: 96.000 sqm

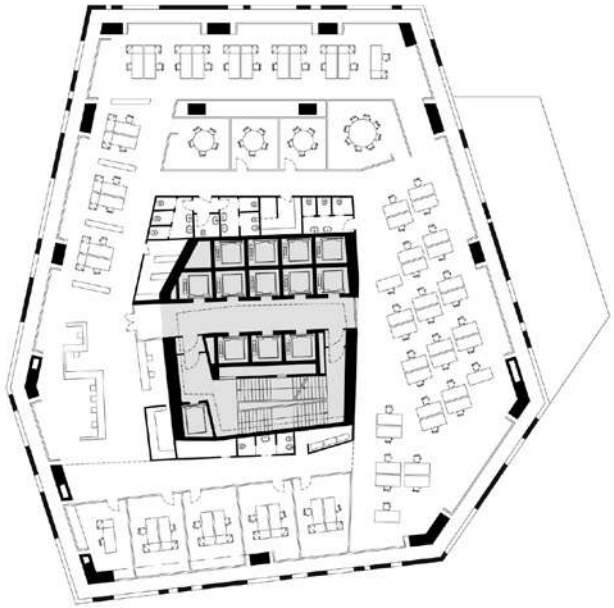
CONSTRUCTION BUDGET
-

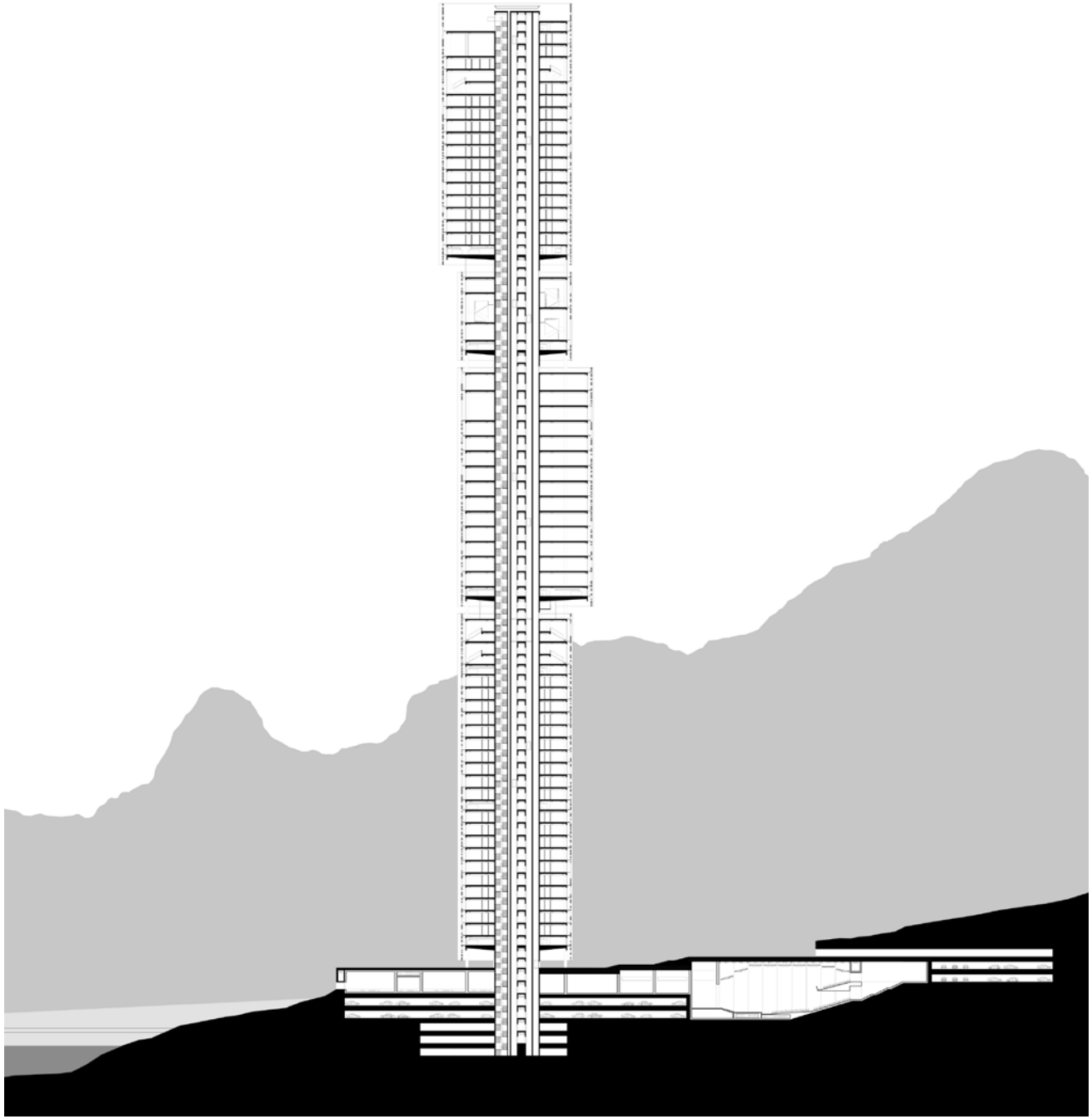
TIMELINE
2005, Concept design

STRUCTURAL ENGINEERING
Palladio Engineering

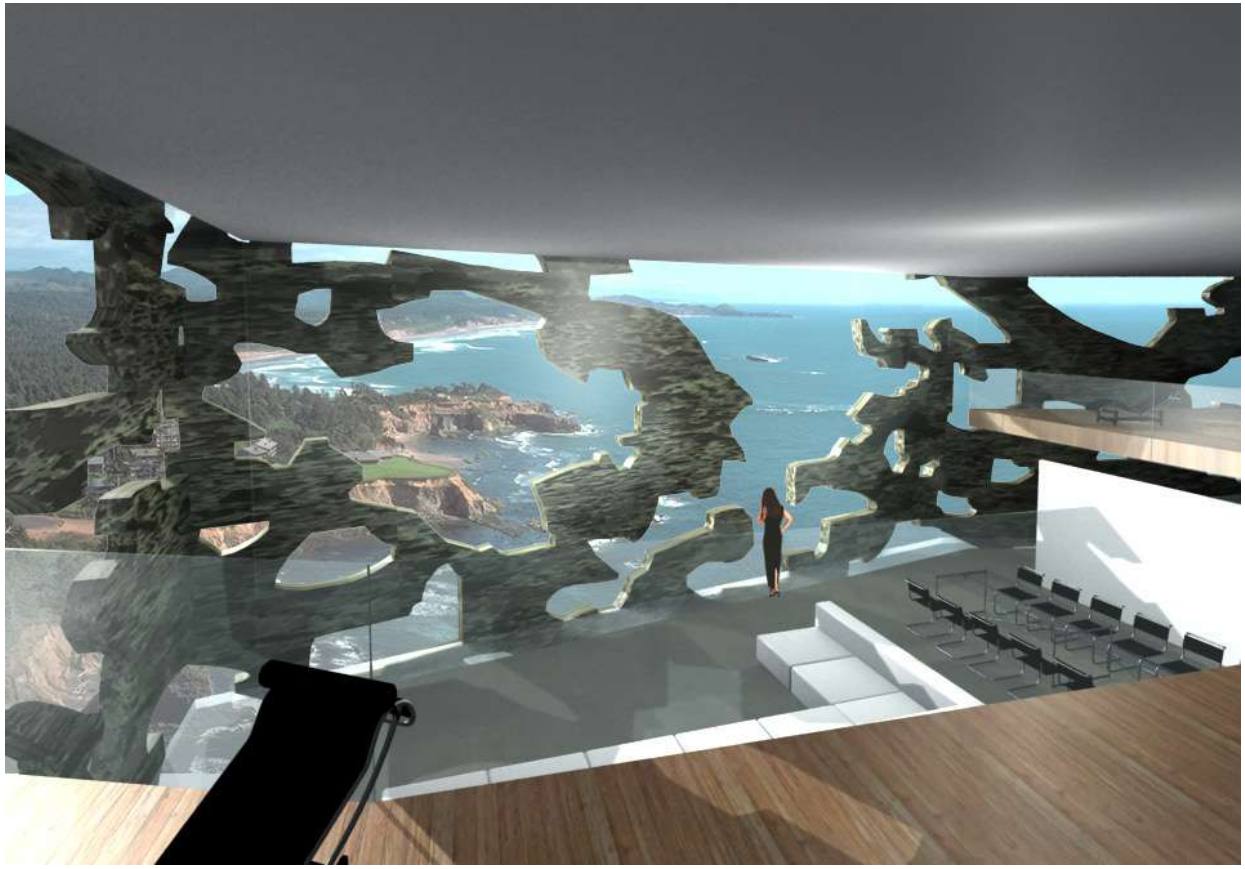
MEP ENGINEERING
Palladio Engineering

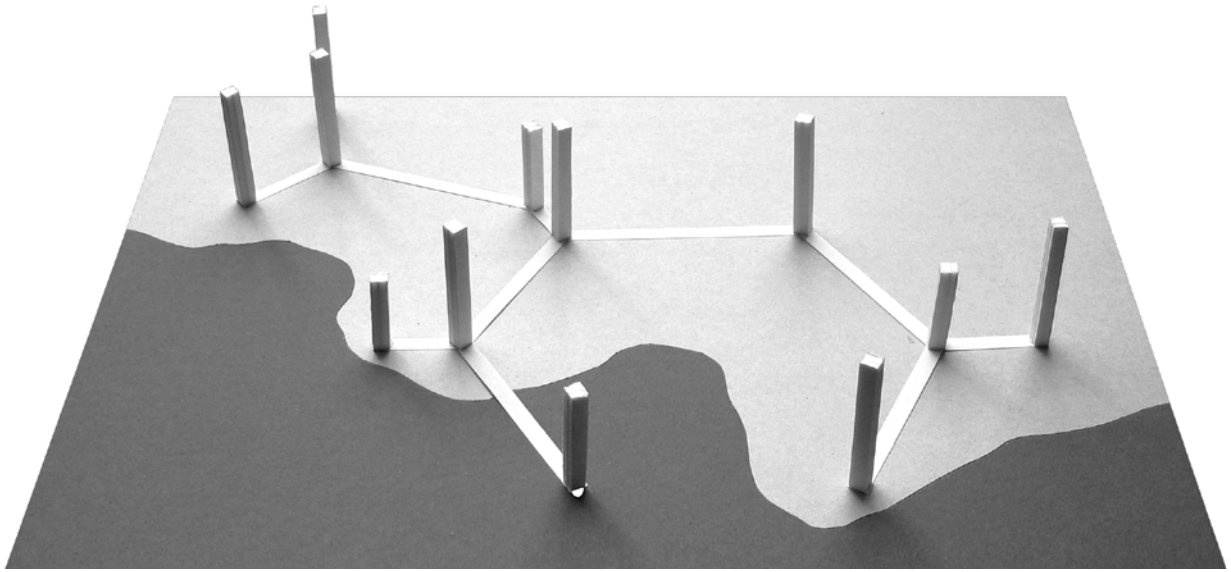






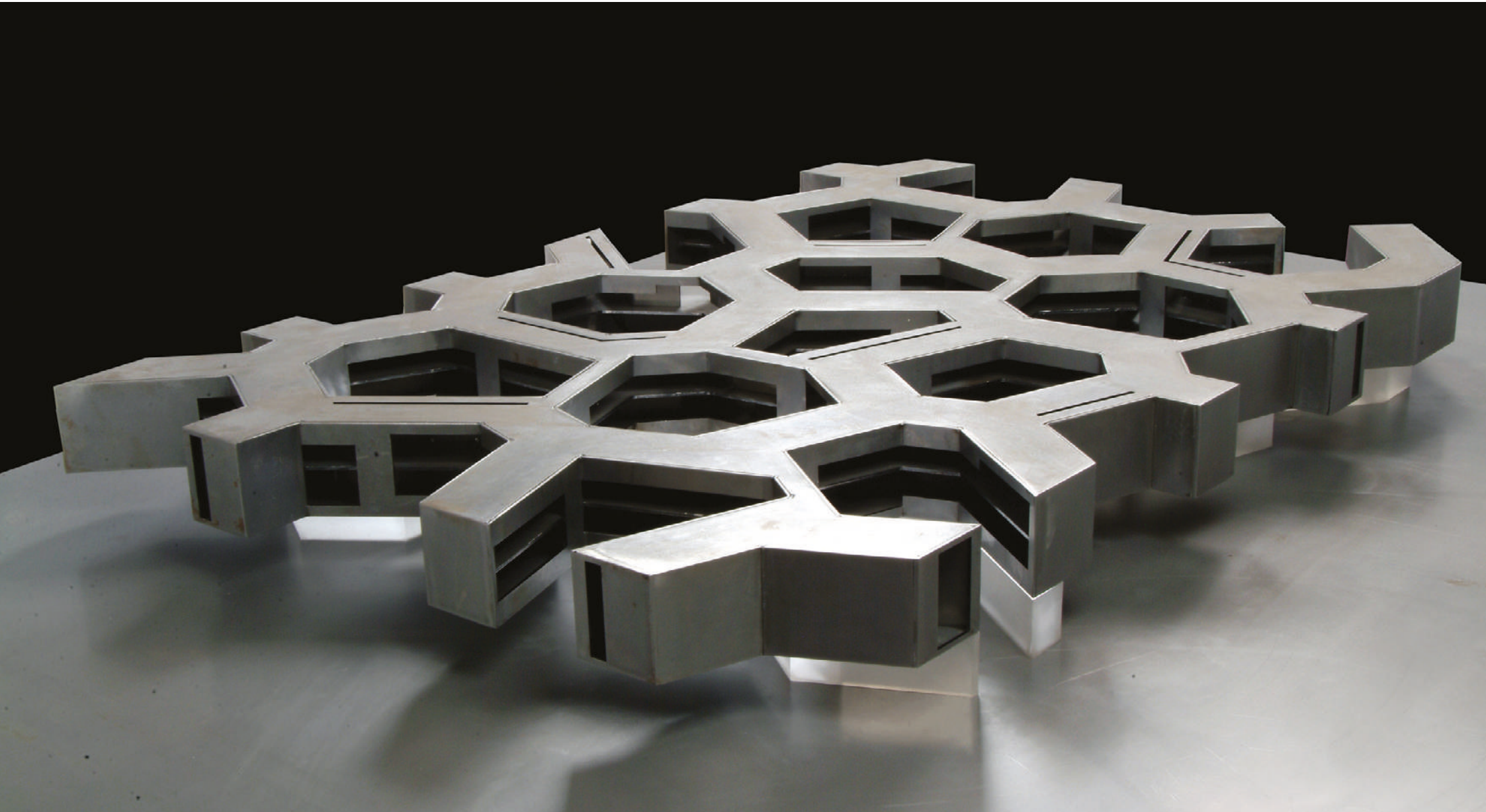
Above: Hotel and offices typical floors Right: cross section





New Headquarters for the Province, Arezzo (I)

The design investigates a different form of a work environment, based on an idea of flexible and continuous space.



CLIENT
Provincia di Arezzo

LOCATION
Arezzo (Italy)

DIMENSIONS
Plot area = 15.700 sqm
Built area = 10.000 sqm

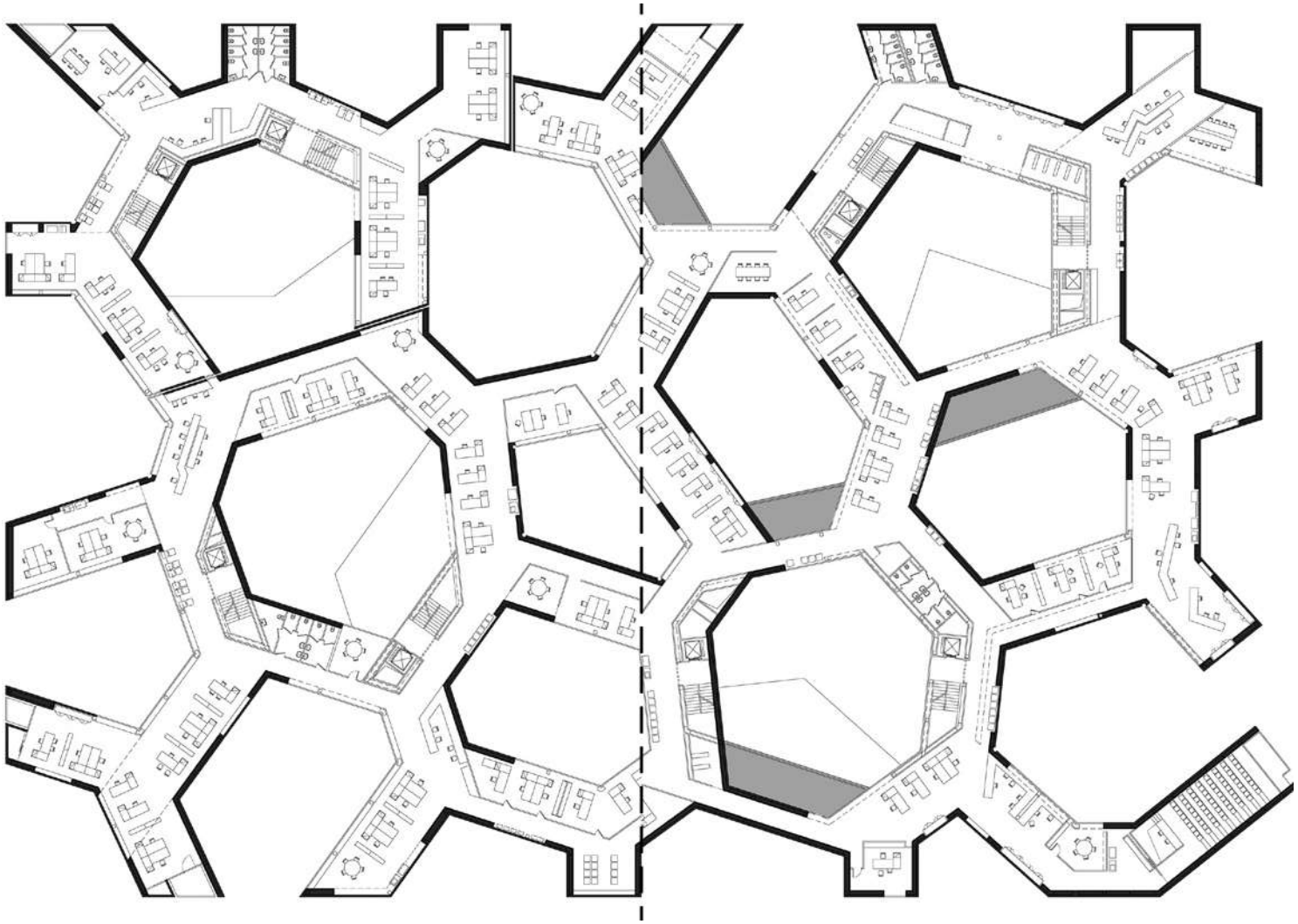
CONSTRUCTION BUDGET
11.400.000 €

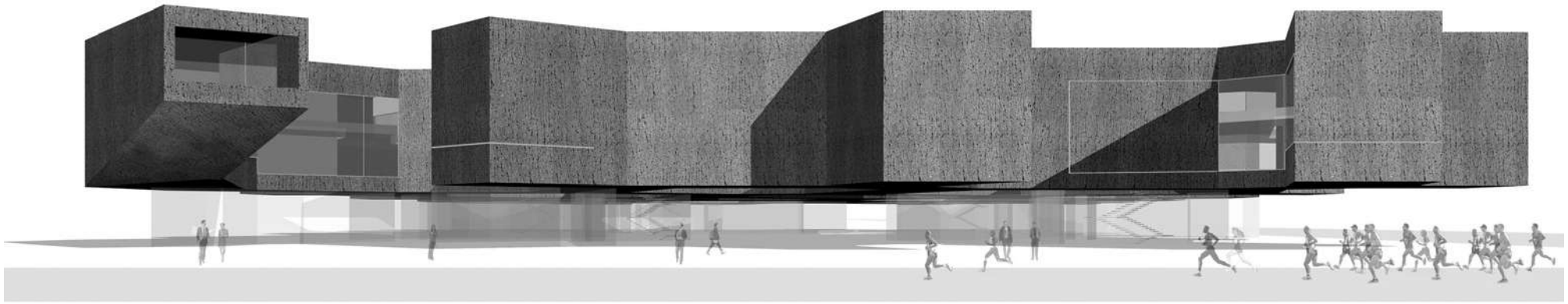
TIMELINE
2005, Single stage design competition /
Honourable mention

STRUCTURAL ENGINEERING
Favero & Milan Ingegneria

MEP ENGINEERING
Manens Intertecnica

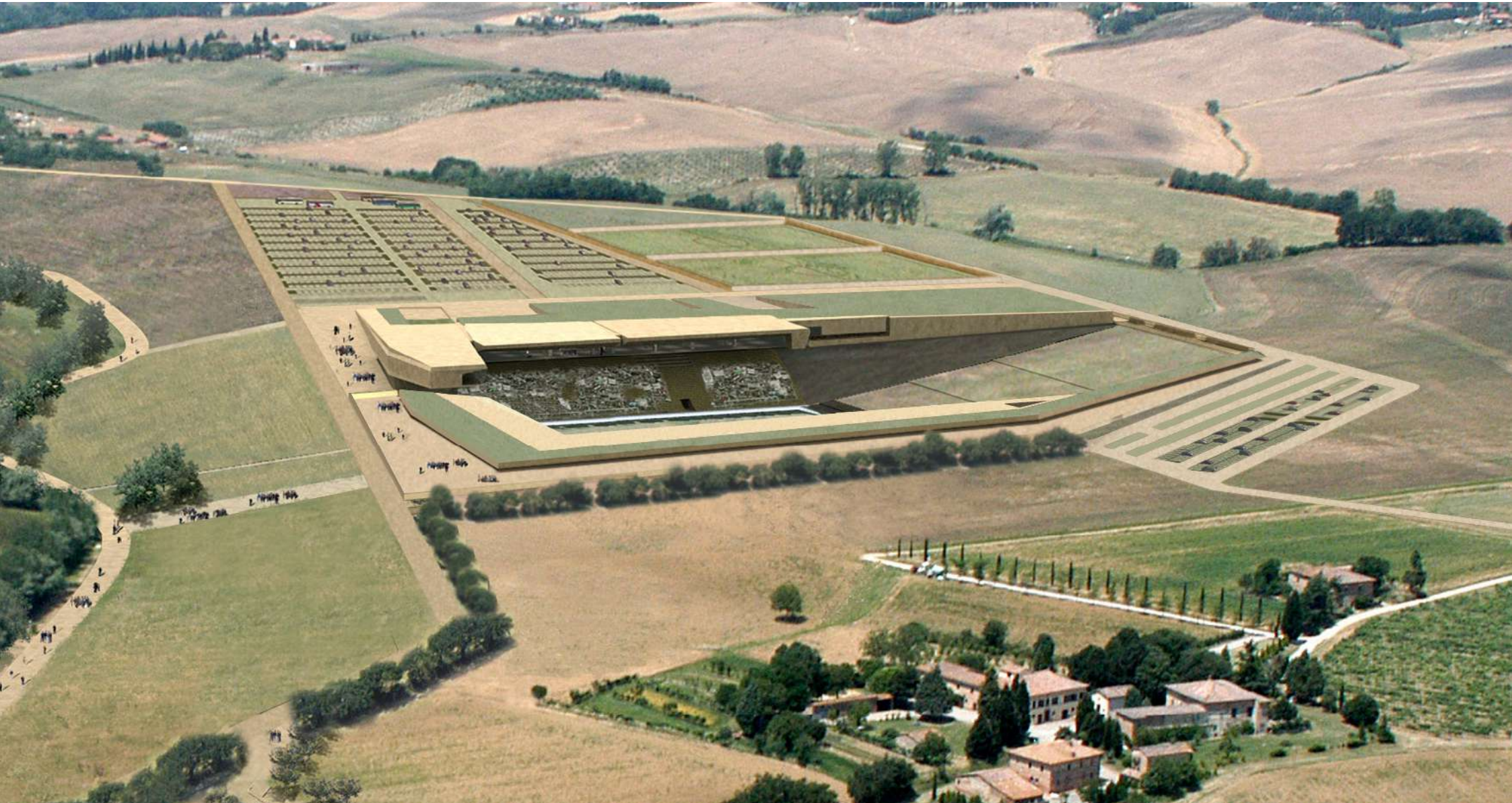
The building is developed on a number of levels, clearly marked by their usage and spatial configuration. Ground zero will host operating and reception areas as well as information desks. Collective functions and services are to be found in the basement, whilst offices are clearly separated from public areas, and are to be found on the two upper levels of the suspended volume.
Working areas present high environmental qualities: the reticular web like geometry allows a wealth of articulation of spaces, thus avoiding the objectifying and repetitive effect found in many open space areas, typical of the modern office buildings.





New Municipal Stadium, Siena (I)

The inclusion of a vast sports complex in a particularly prized environment is the theme of the design. As a result, the architecture shapes itself along landscape lines and by renouncing the customary visibility of large sports venues, it literally sinks into the ground.



Just like a Greek amphitheatre, the stadium lies in a natural declivity, reducing the outstanding built volume to the minimum. On one side, the raising level of the pit, instead of being occupied by seats, is turned into a green parterre to host large events. The traditional enclosure of the stadium is abandoned to allow the landscape to flow in. The result in the north side being totally opened up towards the magnificent view of Siena.

The stadium becomes a space to be used everyday not only on specific sporting occasions. Sport practices can coexist with other types of activities, (such as restaurants, congress and commercial areas) which would produce sufficiently diverse revenues in order to guaranty continuous and independent financing of the entire system.

CLIENT
Municipality of Siena

LOCATION
Siena (I)

DIMENSIONS
Spectators = 21.000
Plot area = 400.000 sqm
Built area = 30.000 sqm

CONSTRUCTION BUDGET
78.000.000 €

TIMELINE
2004, Two phases design competition - **1° Prize**
2005-08, Preliminary and final design

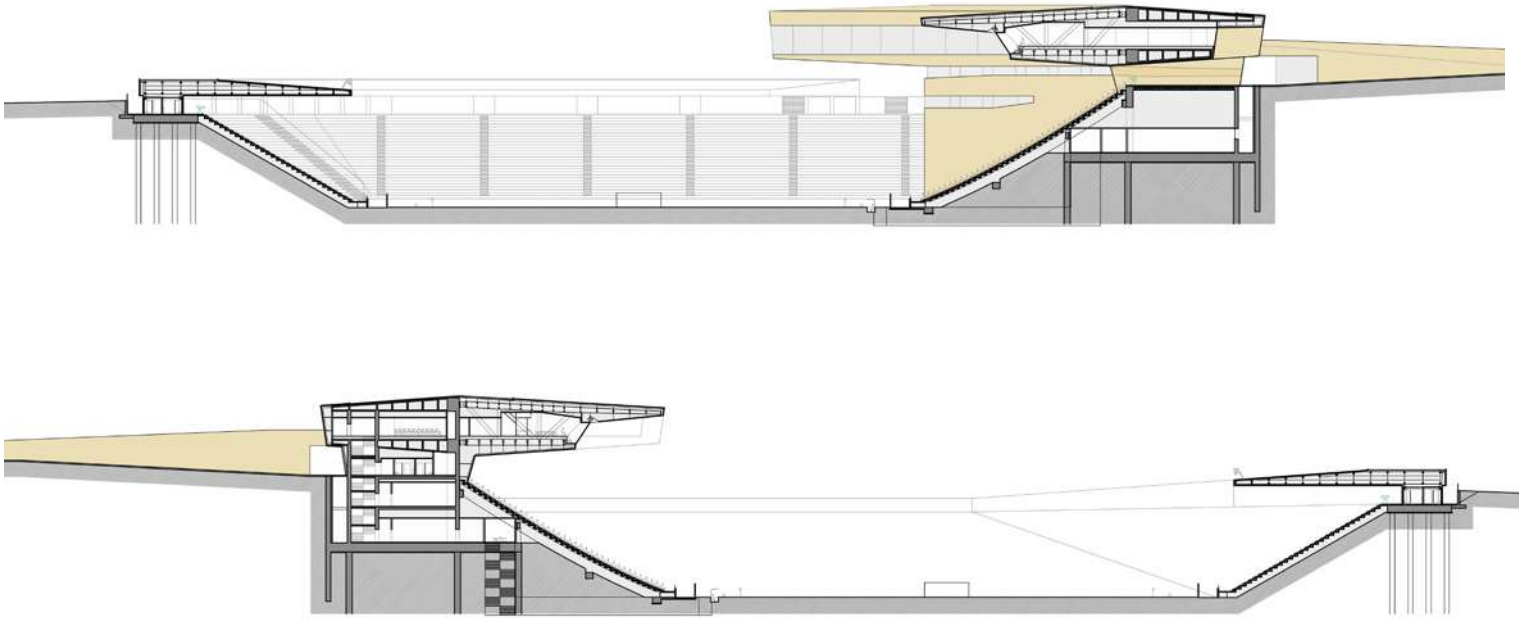
IN COLLABORATION WITH
Iotti+Pavarani Architetti
Giovanni Cenna Architetto

STRUCTURAL ENGINEERING
Favero & Milan Ingegneria S.p.A.

MEP ENGINEERING
Manens Intertecnica S.p.A.

ENVIRONMENTAL SUSTAINABILITY
AI Studio

Above: VIP-lounge and main gallery views
Below: mock-up of the envelope system



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