MARAZZI ARCHITETTI

www.marazziarchitetti.com

MARAZZI
ARCHITETTI

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.

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Identity

Marazzi Architects develop innovative architectural solutions to the needs of contemporary life, operating at all different scales of the project, from landscape to urban design, architecture and interior design.

The firm's work is characterized by a particular experimental attitude; each project is approached through a real process of research, with the aim of providing unconventional solutions; great attention is paid to the issues of environmental sustainability and energy efficiency, to the application of technologically innovative solutions and to materials research.

Marazzi Architetti coordinates the entire architectural productive process, dealing directly (or with qualified partners) throughout the various phases from the concept design to the achievement of authorizations, from construction detailed design to site management. Responsiveness, flexibility and efficiency are the elements connoting the working method of the office; particular care is paid to the management of the process with regards to the general coordination of the works, the control of the costs and the supervision of the timeline.

Plans and designs by Marazzi Architetti are shown in national and international exhibitions as well as being published in architectural reviews and magazines.

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Activities

For business

Marazzi Architetti act for companies like a true partner able to manage and coordinate the architectural image at all scales, from the factory to the offices, 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 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.

In the world

MA offer the style that has always distinguished Italian design and architecture, up-to-date and in line with current trends. Independently or in collaboration with local partners chosen by the client, the practice can manage the entire process of designing and building, as coordinate the supply of quality Italian products, materials and technologies to create a building that is 100% Made in Italy.

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 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.

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Services

Direct Services

Analysis and feasibility study
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
Assistance in selecting suppliers
Site supervision
Completion on site procedures

In collaboration with external partners

Geological and/or geognostic surveys
Topographic surveys and plans
Design and calculation of structures
Building Information Modeling (BIM)
Dimensioning and design of services
Landscape architecture
Acoustic analysis and tests
Building site safety
Site inspections
Land registry

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Clients

Abitare In S.p.A., Acetum S.r.l., Arcidiocesi di Modena-Nonantola, Budri S.r.l., Champion Building Materials Co. Ltd, Cob Development, Comune di Parma, Comune di Siena, Confindustria Modena, Corob S.p.A., Davines S.p.A., Elitstroy LLP, Gambro S.p.A., Gemitech Italia S.r.l., KPMG, Impresa Pizzarotti S.p.A., Impresa Scianti S.p.A., Marmo Elite S.r.l., Martini Light S.p.A., Messori Italy S.r.l., Mirage Granito Ceramico S.p.A., Noberasco S.p.A., Policreo S.r.l., S P Setia Bhd Group., SWS Engineering S.p.A., Tanri Development-Otrar Group, Università di Bologna.

Achievements

Articles and Publications: Casabella, Paesaggio urbano, Interni, Il Giornale dell'Architettura, The Plan, Edilizia e Territorio/Progetti e Concorsi, Ottagono, RE Real Estate, Costruire, Future arquitecturas, Arhitekton, Progettare, Mark, DHD, Domus, A10, AV Proyectos, L'Arca; America Oggi, Panorama, Casamica, Kontrast, Il Mondo, Area Wellness; Corriere di Parma, Corriere di Bologna, Gazzetta di Parma, Corriere della Sera, Il Resto del Carlino, Il Giornale, Avvenire, La Stampa, Il Sole 24 ore, Metro (Milano), Corriere dello sport, La Repubblica.

Awards: MIPIM Awards (2011), La Ceramica e il Progetto (2013), Premio Sostenibilità (2013), The Plan Award (2016), Premio Selinunte (2016).

Selected works

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, according to a not self-referential contemporary language but deeply linked to the context and to the local material culture.
The morphological setting is influenced by the geometry of the lot, as well as the articulated shape of the city at the boundary; it follows a building characterized by sculptural forms, ideally generated by the action of a wedge s a result of "splitting" a square block to prepare it for modeling.
The use of a local stone (porphyry) for façade cladding emphasizes the tectonic character of the volumes, as well as the shielding of the glass façades executed through vertical dark wooden sunbreakers defines the architectural profiles.

CLIENT
Provincia Autonoma di Trento

LOCATION
Trento (I)

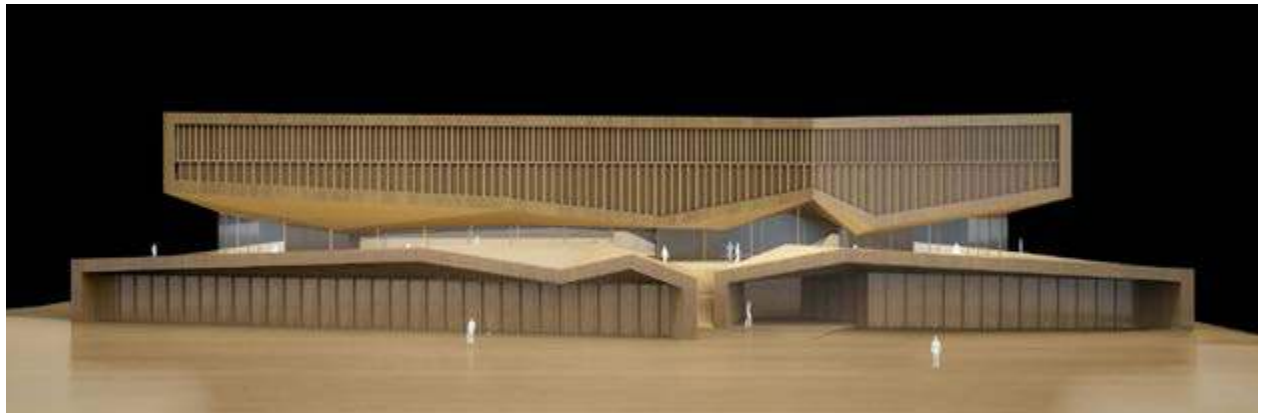
DIMENSIONS
Plot area: 9.200 sqm
Floor area: 5.000 sqm
Built area: 9.000 sqm

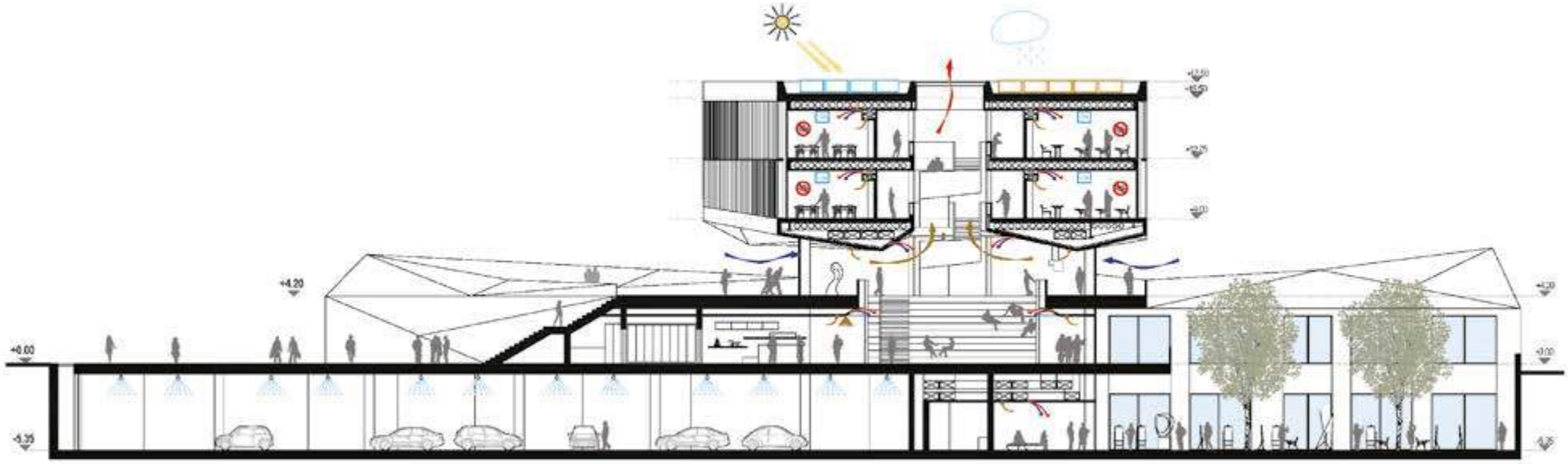
CONSTRUCTION BUDGET
10.500.000 €

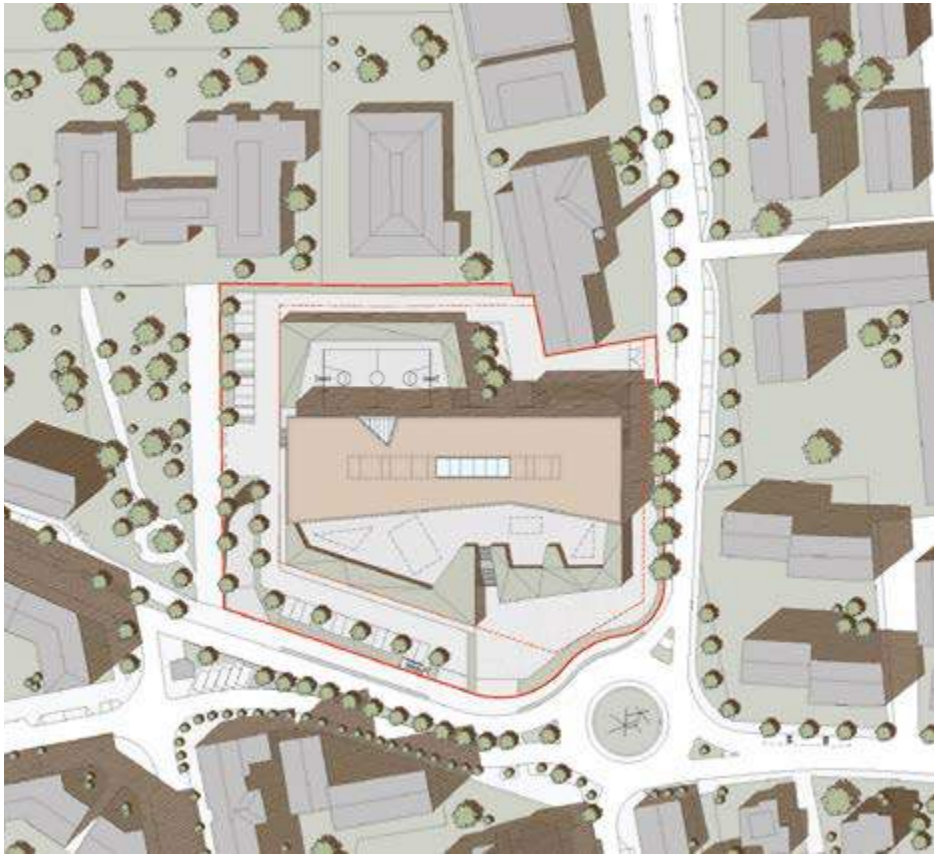
TIMELINE
2017-18 Two-phases design competition- **Shortlisted design**

STRUCTURAL ENGINEERING
Studio Sarti

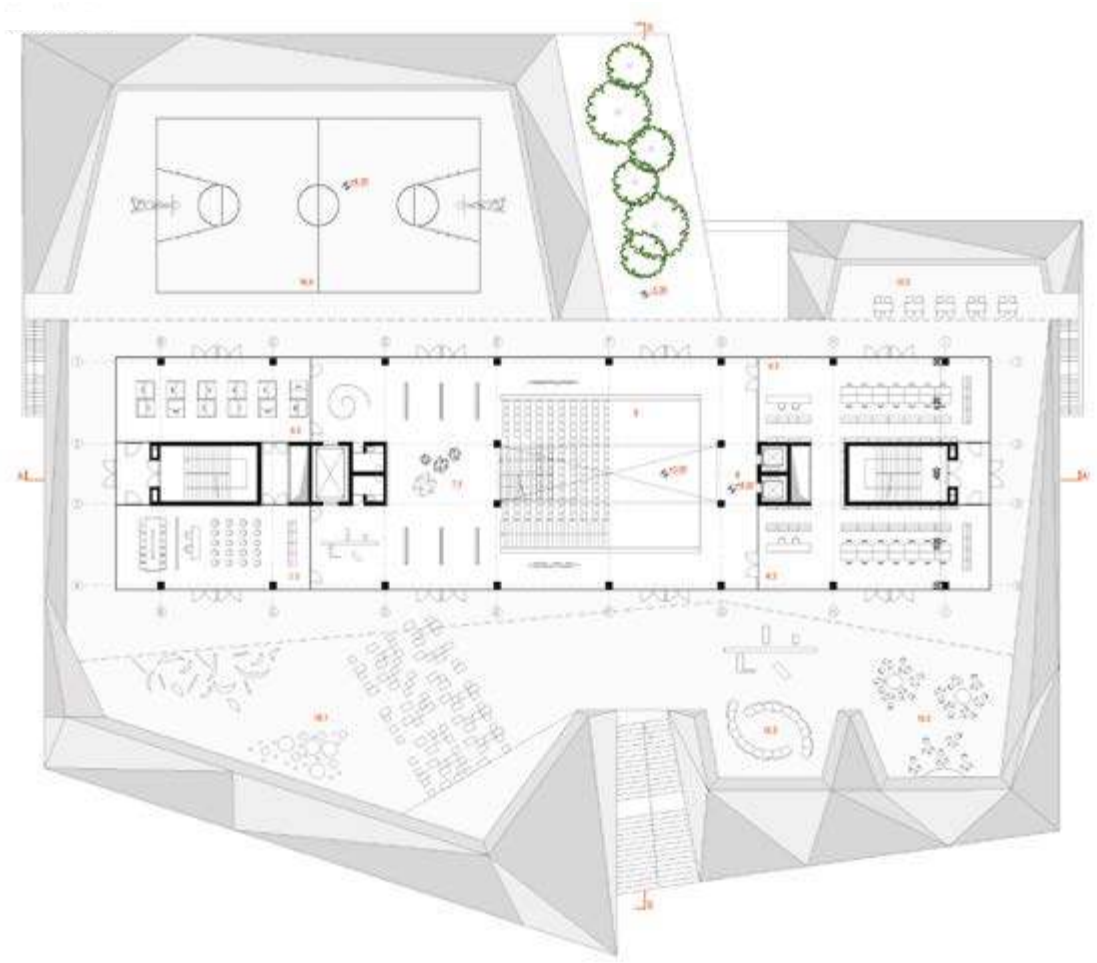
MEP ENGINEERING
Polistudio A.E.S.

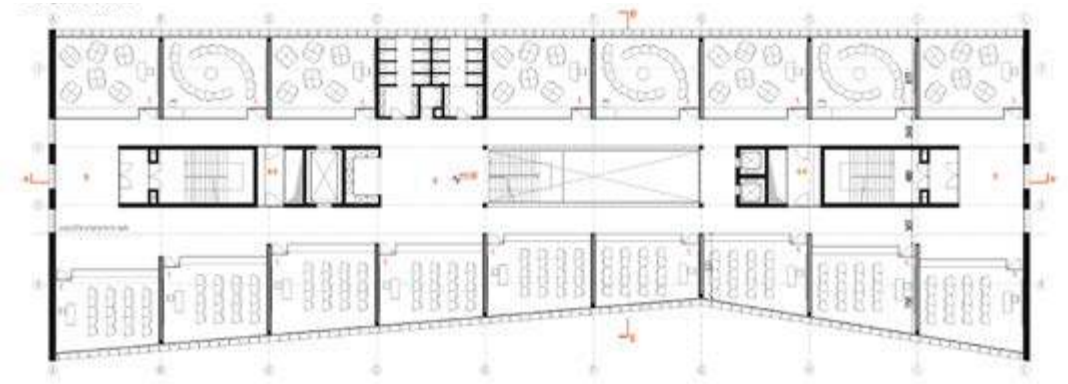







what is the reaction against anything?





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 including the rapid post-earthquake reconstruction of some lants. The need to implement new specific workspaces is taken today as an opportunity for a broad and organic thought which will allow the company to have a general master plan design which can rule and rationalizing the evolution of the production site and at the same time renew 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 - In progress

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 pieces 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”, connoting architecture and corporate image. More in detail, as well as 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

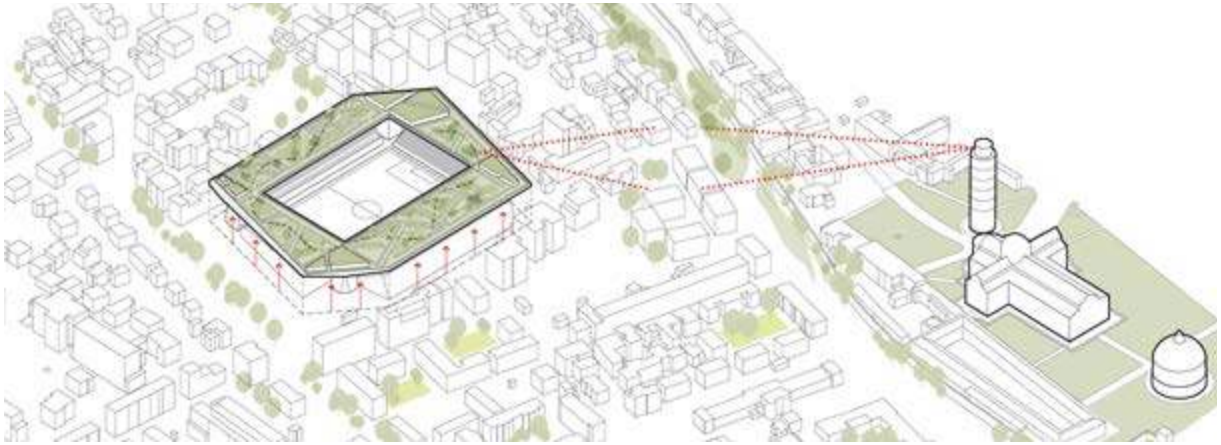
LANDSCAPE DESIGN
Marazzi Architetti

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

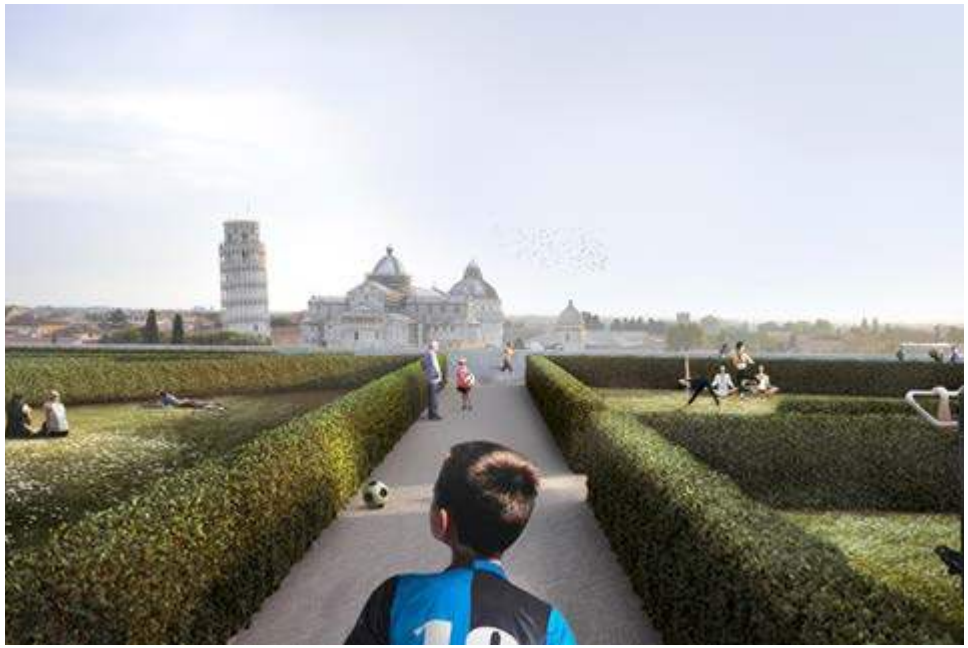
MEP ENGINEERING
AI Engineering S.r.l.

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, a special place on offer to the city as well as a catalyst for the huge pool of potential users and revenue made up of the 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

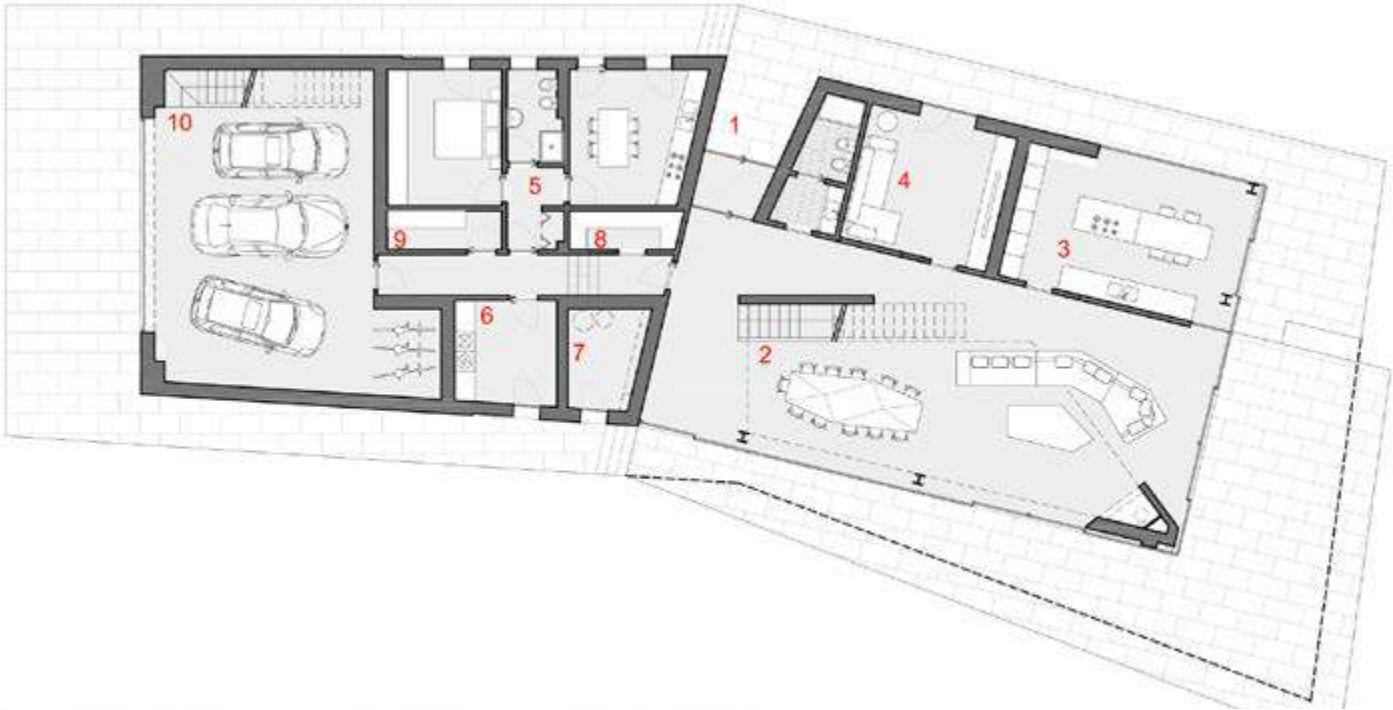
MEP ENGINEERING
Eng. Massimo Bocchi
Eng. Giampaolo Vecchi

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 via a photovoltaic system well-integrated into the roof. A system of mechanic air-changes with active heat recovery is also included.

Plans

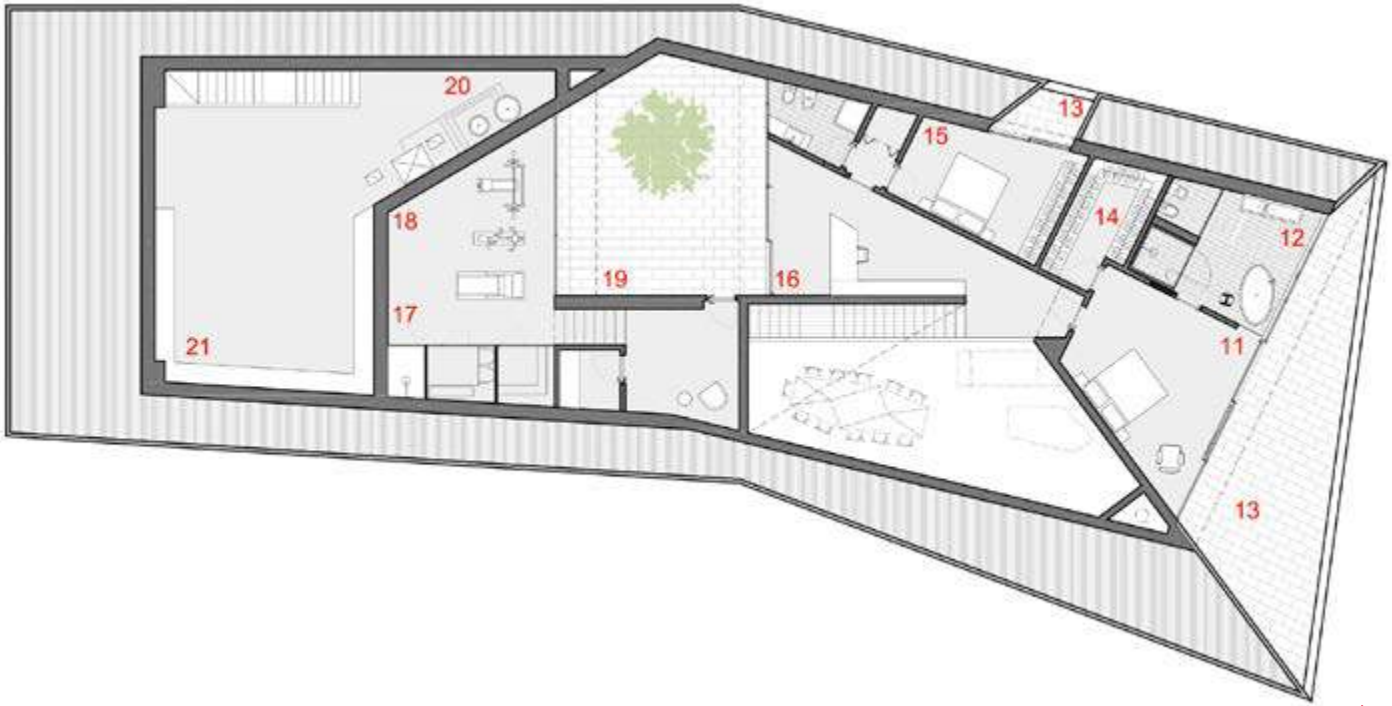
Ground floor:

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 about an hour's drive from the city center of 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 theme 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 both to residents and visitors, that whole concentrated in 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 $

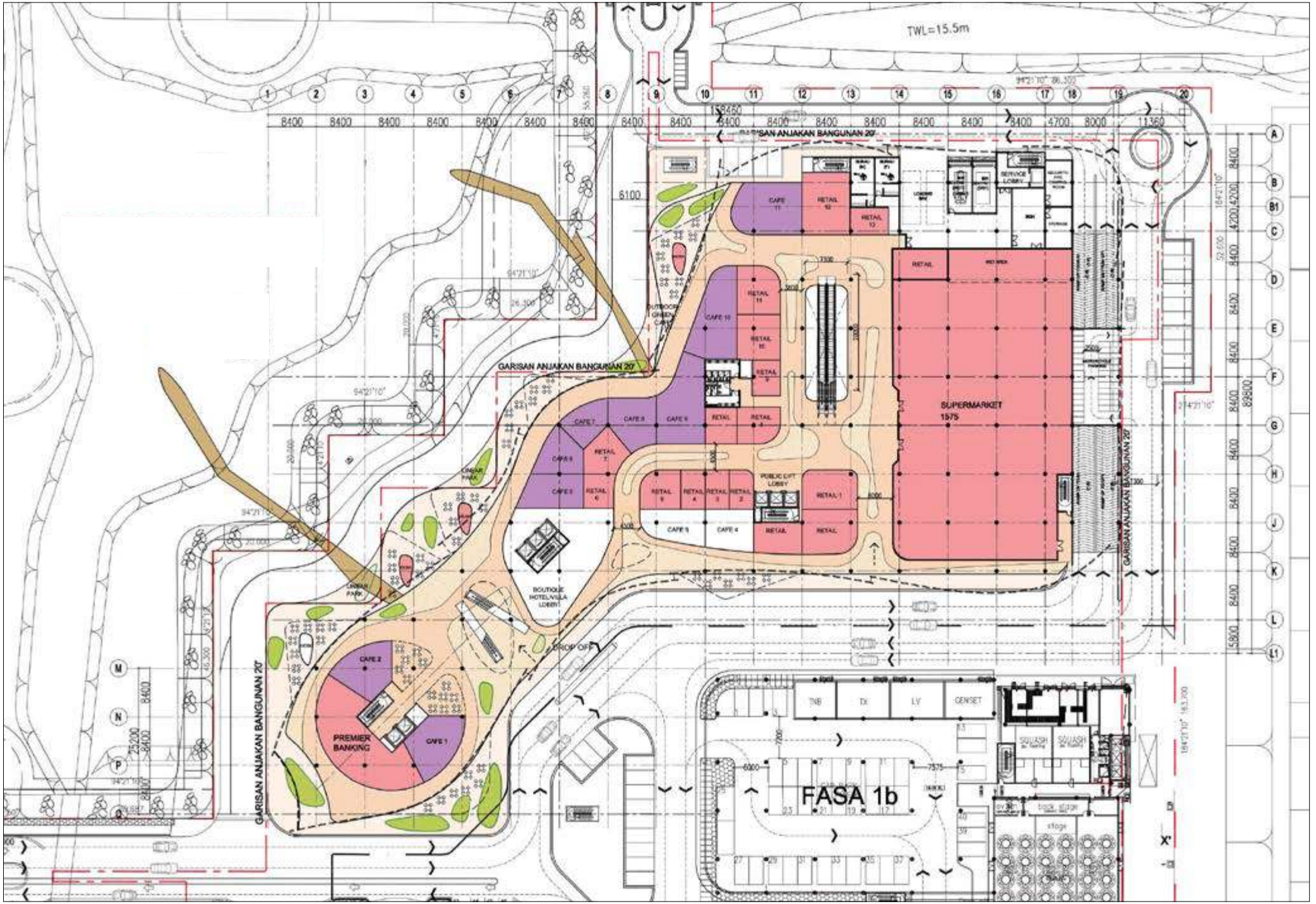
TIMELINE
2015-2016 Preliminary and final design

IN COLLABORATION WITH
Archicentre SDN. BHD

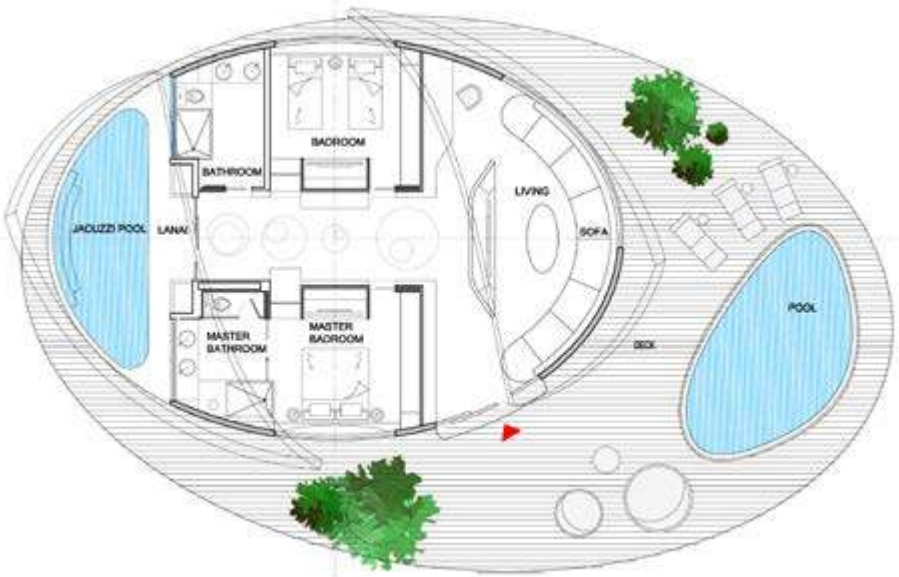
STRUCTURAL ENGINEERING
Archicentre SDN. BHD

MEP ENGINEERING
Archicentre SDN. BHD

More specifically, the following actions are planned: retail (35%), accommodation (20%), private clinic (20%), spa & fitness (5%), parking (20%). The architectural concept strongly conveys the specific environmental and landscape conditions. It is therefore envisaged an organic architecture design, in which the articulate 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, guide the project towards a meticulous planning of sustainability and indoor comfort. This includes: fixed and moveable solar shading systems, integrated photovoltaic system, automated systems for opening of large façade portions to guarantee effective transverse-ventilation, green roof.


TWL=15.5m
GARISAN ANJAKAN BANGUNAN 20'
SUPERMARKET
1575
FASA 1b
PREMIER
BANKING
CAFE 1
CAFE 2
BOUTIQUE
HOTEL/VILLA
LOBBY
DROP OFF
PUBLIC LIFT
LOBBY
TNB
DX
LV
GENSET
SQUASH
SQUASH
stage

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

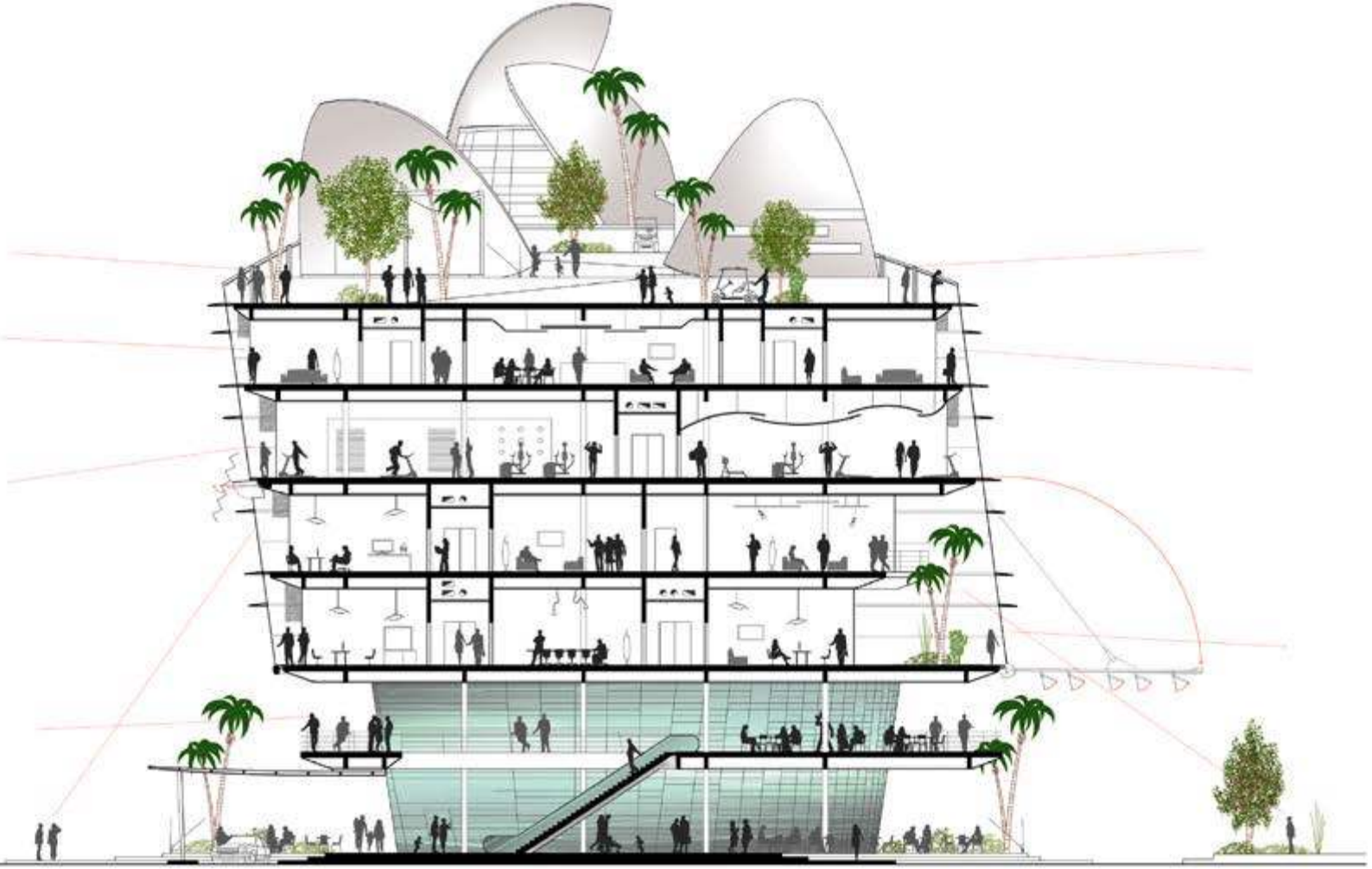
F4. SPA - Gym

F3. HQ and clinics

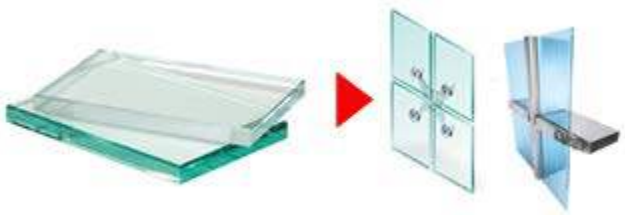
F2. Specialist clinics

F1. Fine dining, commercial areas

GF. Entrance, Shop

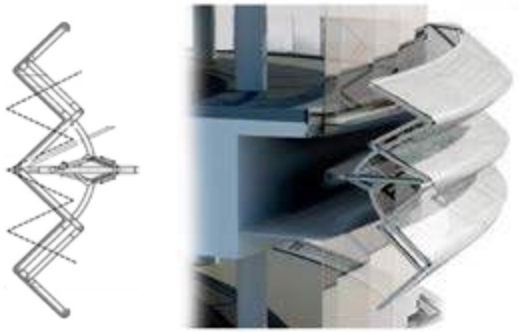


Above: cross section
Below: facade and shading system details



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

Riverside multi-purpose complex, Almaty (KZ)

Located overlooking the Esentai torrent park, in the south quadrant of the city, the project involves the construction of a mainly residential vocation complex, supplemented by commercial spaces and neighborhood services.
The architecture consists of a large basement extended to the entire foot-print available, with 3 square-ground plan towers of of variable height determined in relation to the town planning requirements and to the shading checks of the neighboring buildings.

The design reflects the requirement expressed by the client to combine real estate valuation, architectural expressiveness and strong rationalization of construction costs. More specifically:
– the regular and symmetrical geometry of tower plants favors the containment of structural costs, in the context of very high seismic risk to which the area is subject;
– the regularity of the fronts makes it possible to use prefabrication systems for the infills, and the modularity of the facades significantly favors economies of scale;
– the progressive “disintegration” of the volumes towards the top allows the enhancement of the upper floors through the provision of real garden terraces.

The project is characterized by choices aimed at promoting the eco-sustainability of the intervention and the quality of living.

CLIENT
Tanri Development-Otrar Group

LOCATION
Almaty (Kazakhstan)

DIMENSIONS
Plot area: 8.400 sqm
Floor area: 5.100 sqm
Built area: 50.000 sqm

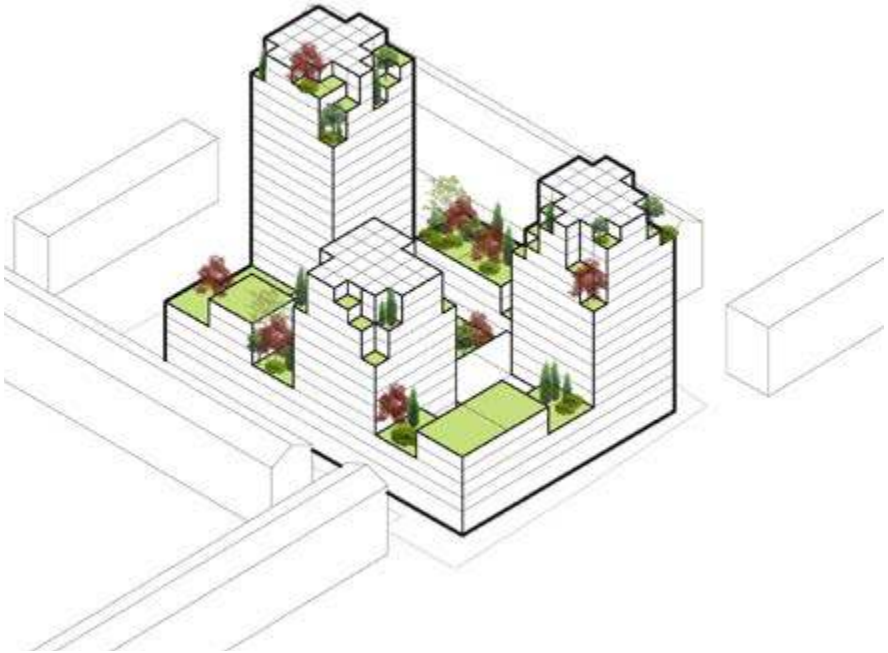
CONSTRUCTION BUDGET:
50.000.000 $

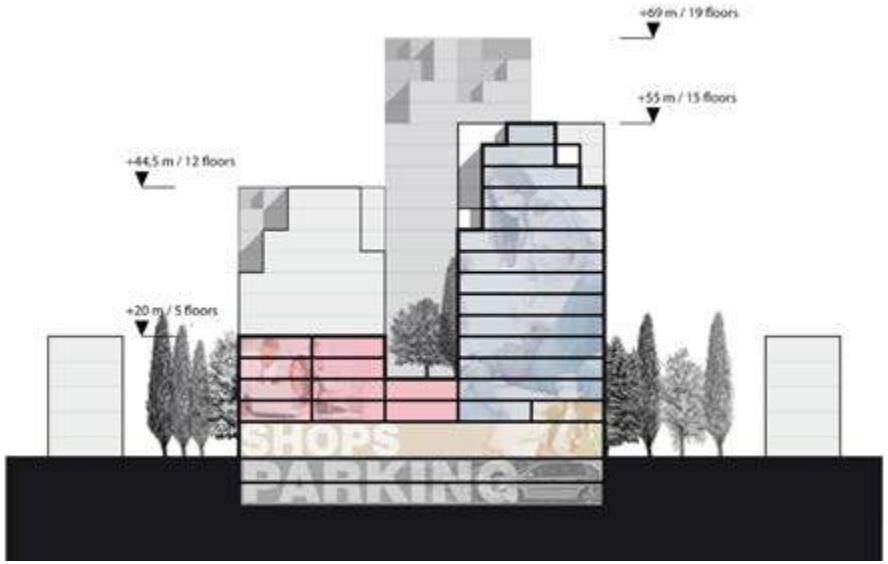
TIMELINE
2016, Concept design

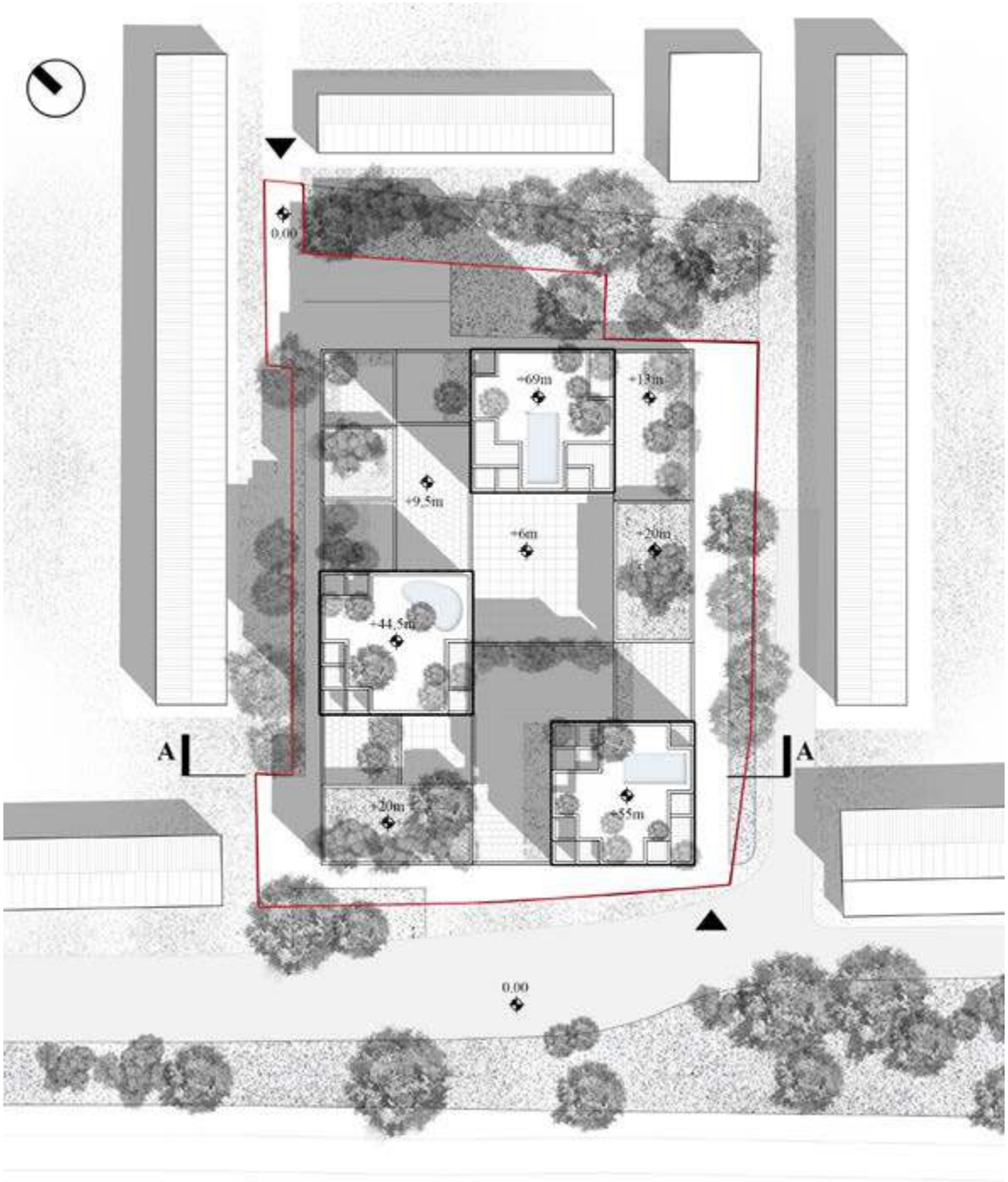
IN COLLABORATION WITH
Aruana ASF LLP

STRUCTURAL ENGINEERING
Aruana ASF LLP

MEP ENGINEERING
Aruana ASF LLP




+69 m / 19 floors
+55 m / 15 floors
+44,5 m / 12 floors
+20 m / 5 floors
SHOPS
PARKING


0.00
+69m
+13m
+9,5m
+6m
+20m
+44,5m
+20m
+55m
A
A
0.00

New premises for Marmo Elite, Verona (I)

The functional needs of a young company that markets high-quality stone materials to significantly extend their working spaces has been taken as an opportunity to definitively launch their corporate image.

CLIENT
Marmo Elite s.r.l.

LOCATION
Domegliara, Verona (I)

DIMENSIONS
Plot area = 7200 sqm
Existing area = 1150 sqm
Built area = 2300 sqm

CONSTRUCTION BUDGET
2.000.000 €

TIMELINE
2016-2017, Concept preliminary and final design

STRUCTURAL ENGINEERING
Eng. Davide Bommartini

MEP ENGINEERING
Studio A+

ELECTRICAL SYSTEM
Tecnoprojet S.S.- Davide Bin

The design consists of a compact rectangular block that is positioned longwise on the site to use up all the available building perimeter, culminating in a large, glazed element with a strongly-expressive presence.
This elevation, facing onto a busy Provincial state road (via Adige), is treated as a giant mosaic made up of a regular pattern of square modules that alternate greenhouses with large backlit “marble” displays to convey both the company’s vocation and the passion of the owner for cultivating citrus fruits.

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; people and families of backgrounds, in Almaty for professional reasons on a medium to longterm basis.

The serviced apartment has thus been conceived as a home far away from home, able to welcome and accomodate within a personal dimension that is warm and friendly; a place custom-made for private and family life as well as for the public and social side.
The design of the elevations is based on the idea of the mosaic: a regular grid of full-height windows orders and holds together a system of coloured panels in different tones and shades, according to a random pattern that graduates upwards. The elevations feature a number of large glazed volumes, real winter-gardens in which will be placed large trees. Lower down, a full-height glazed band will create the shop window for the two levels of retail space planned; also 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

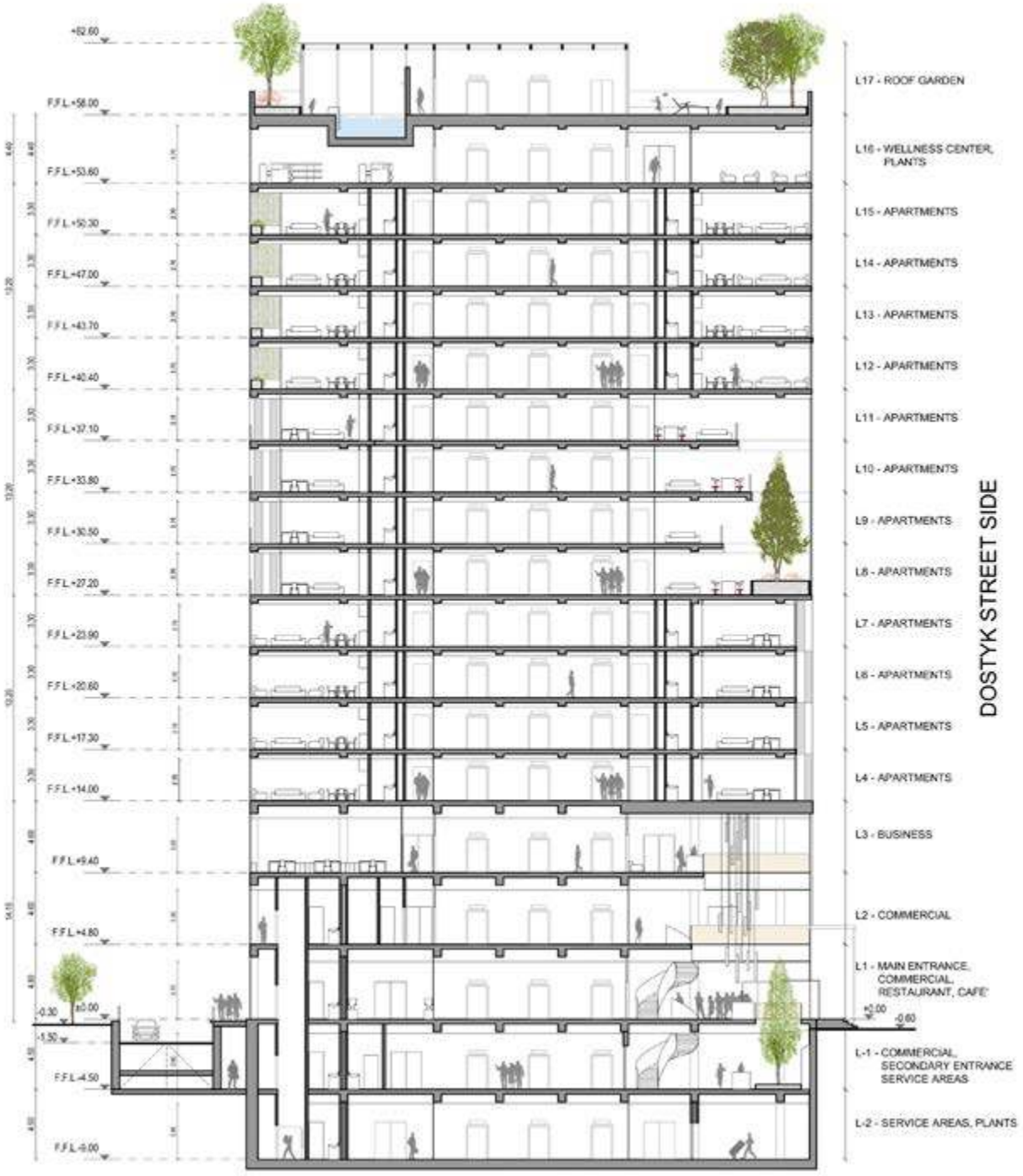
LOCATION
Almaty (Kazakhstan)

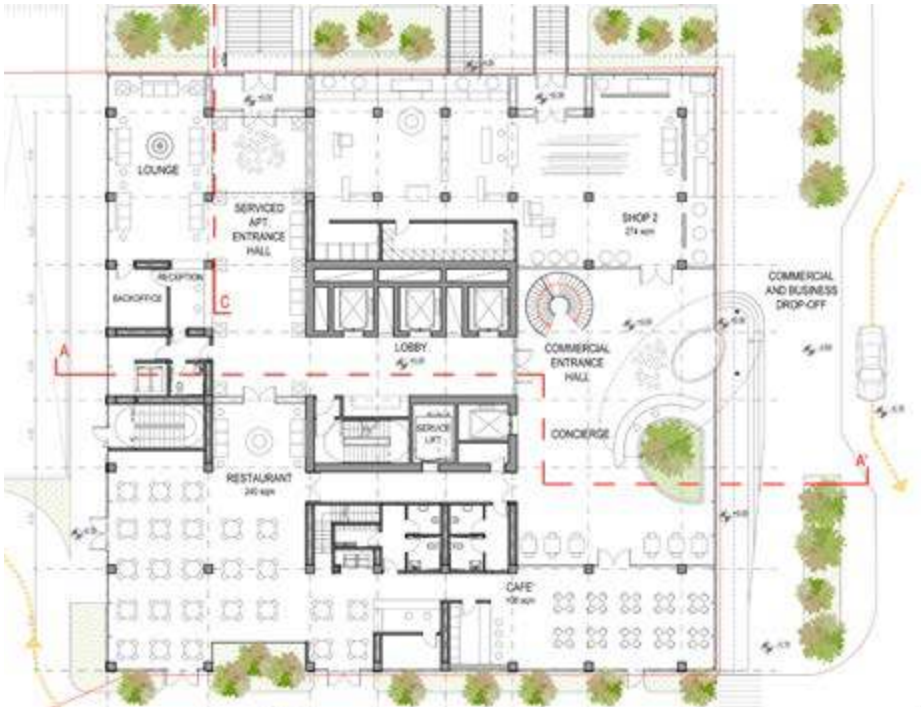
DIMENSIONS
Plot area = 3.350 sqm
Built area = 30.000 sqm

CONSTRUCTION BUDGET
25.000.000 $

TIMELINE
2015, Preliminary 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: a historic, geographic and cultural one, manifested in the form of a major Library/Cultural Centre; a religious one, 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; a gastronomic one conceived in the form of a large Food Hall for promoting multi-ethnic food culture; finally an artistic one, 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 route, 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 for everyone but at the same time unique, exceptional, something else 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 quay for mooring to; and thus also the Presbytery, pivotal place for celebration, is interpreted as a port, a safe place to be able to go to.

CLIENT
Arcidiocesi di Lucca

LOCATION
Viareggio, LU (I)

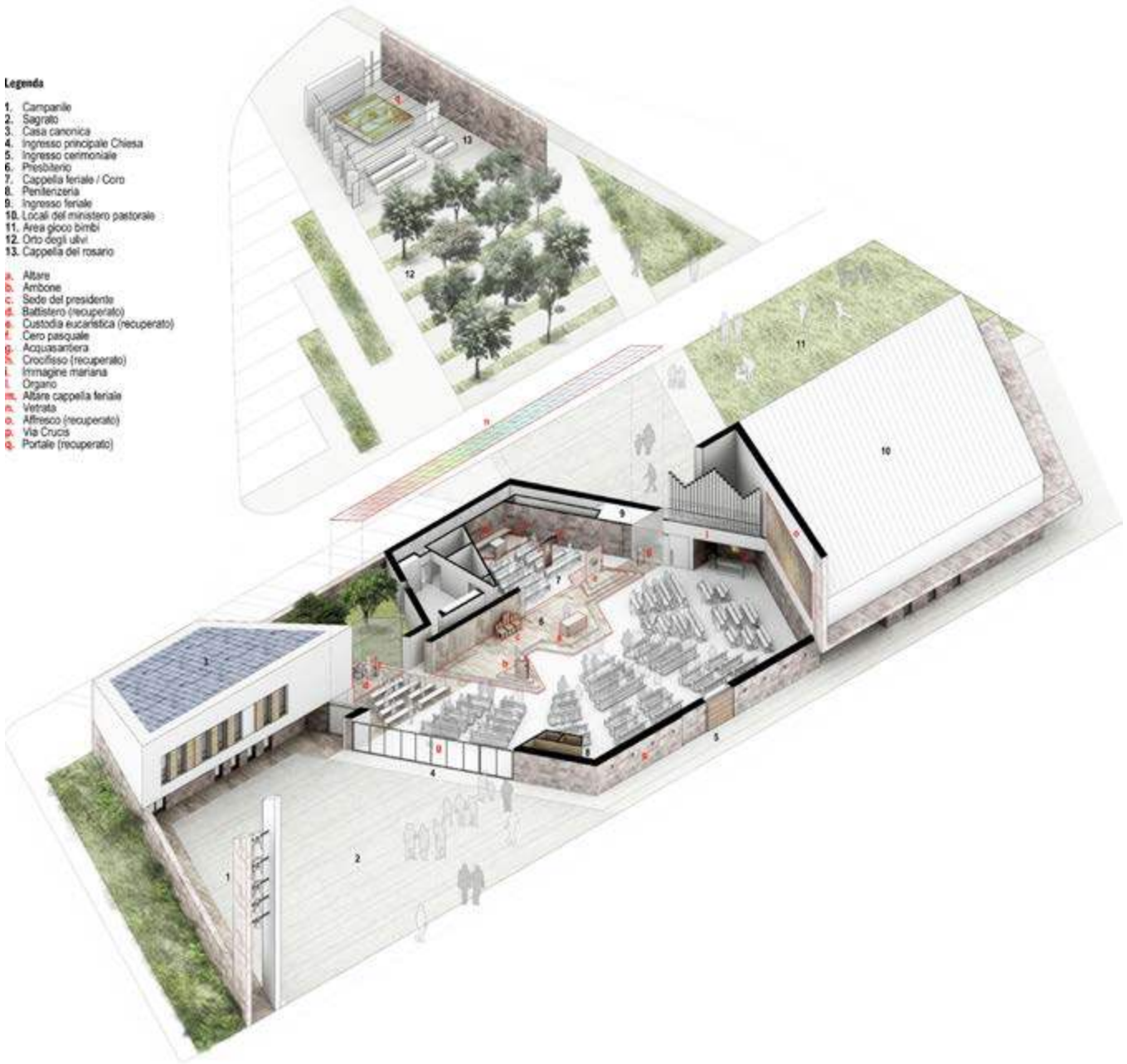
DIMENSIONS
Plot area = 4.580 sqm
Built area = 1.565 sqm

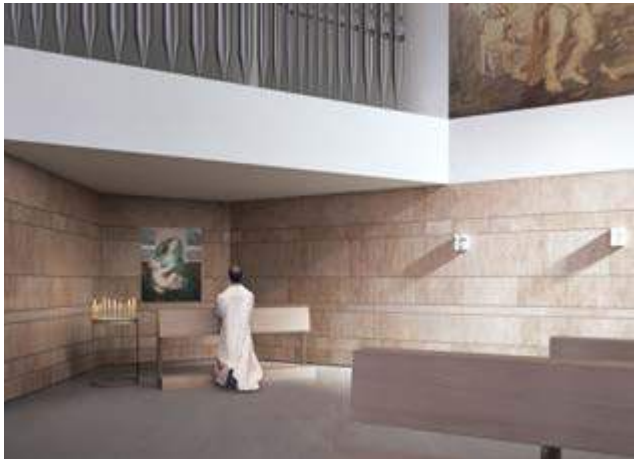
CONSTRUCTION BUDGET
3.000.000 €

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, thanks to a long-sighted policy of planning for the future has begun a process of diversification aimed at the development of other strategic sectors such as transport, pharmaceuticals, telecommunications and food.

CLIENT
Tanri Development – Otrar Group

LOCATION
Almaty (KZ)

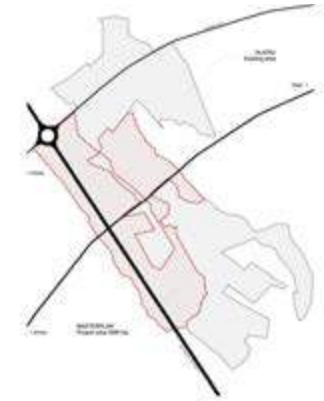
DIMENSIONS
Plot area = 588 ha
Built area = 3.350.000 sqm

CONSTRUCTION BUDGET
-

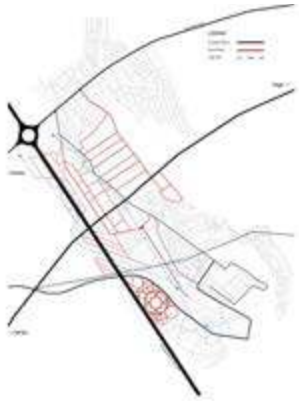
TIMELINE
2015, Preliminary design

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.

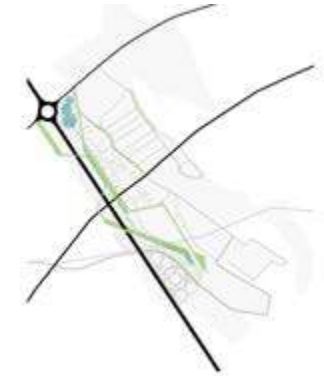
Project area



Infrastructures

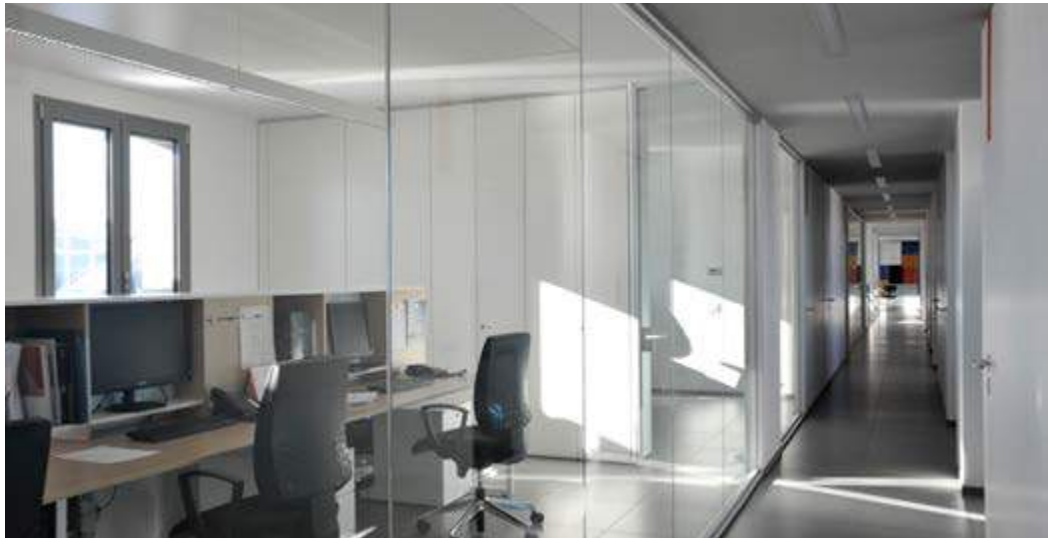


Green areas



Main buildings

University campus



Post–Earthquake Timber Church, Medolla (I)

This scheme was conceived to respond to the need for the Parish to quickly resolve, on both a functional and symbolic level, the situation arising from the tragic 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 towards prefabricated timber.
The project is characterised by its simple, almost archetypal lines, in which a clear reference can be seen to some of the classical themes of church architecture. Key elements are 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 area 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

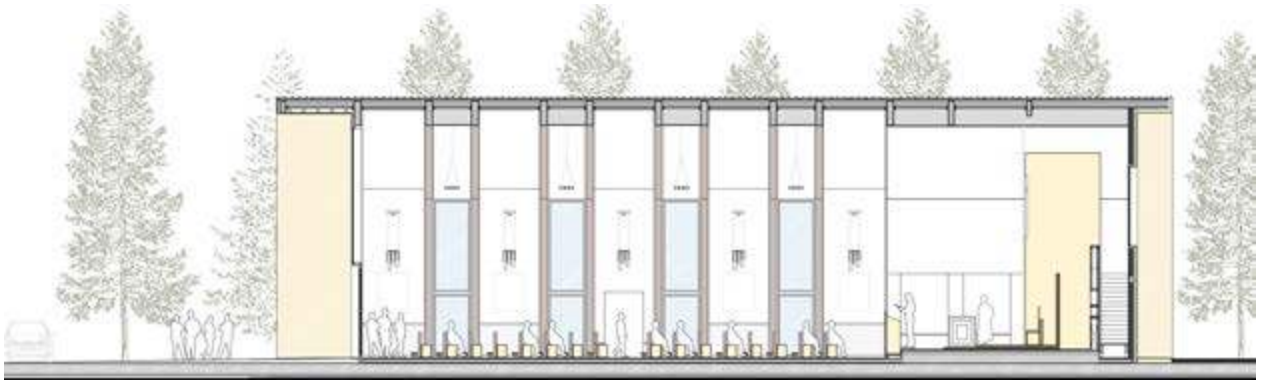
CONSTRUCTION COST
1.200.000 €

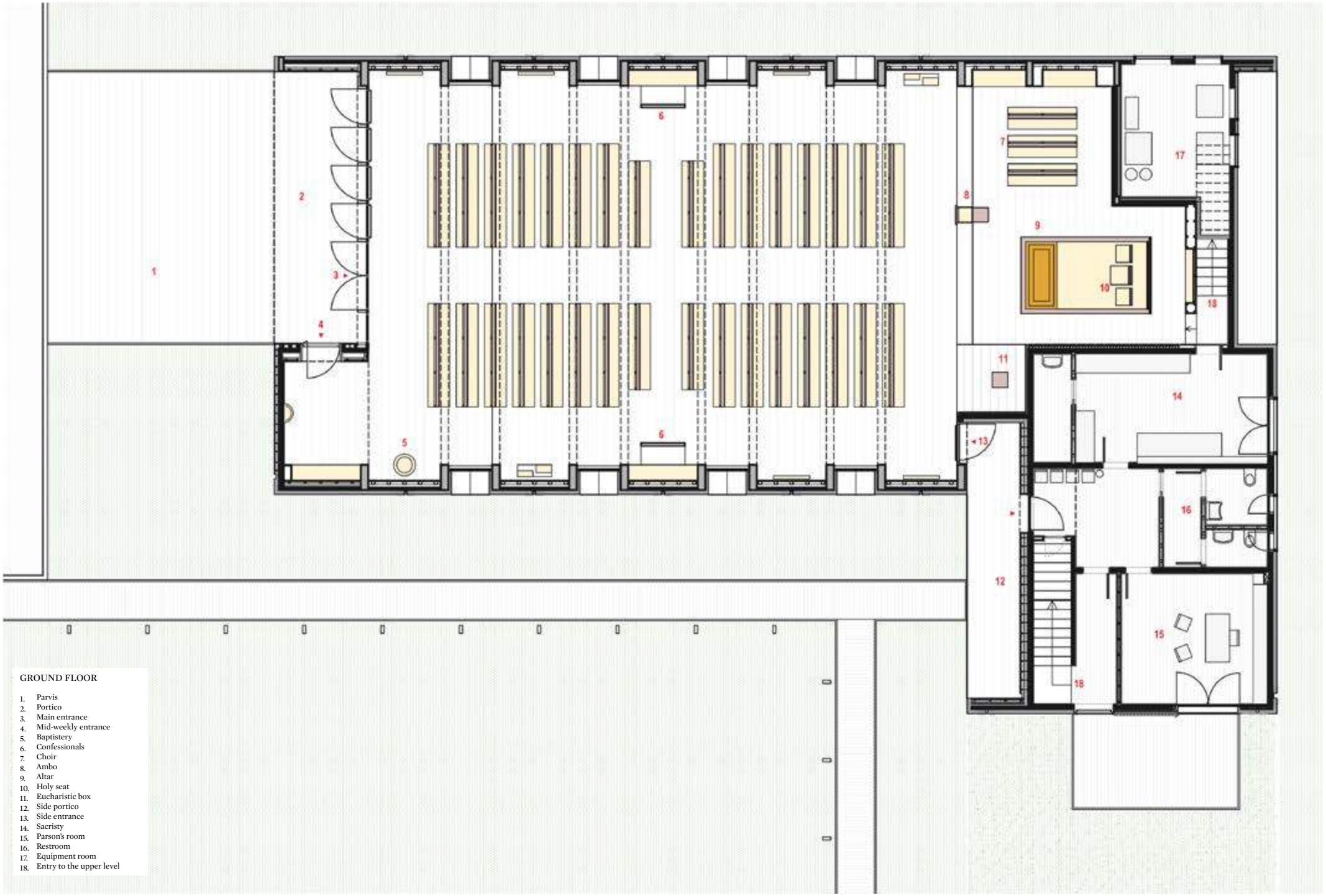
TIMELINE
2012-2013

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

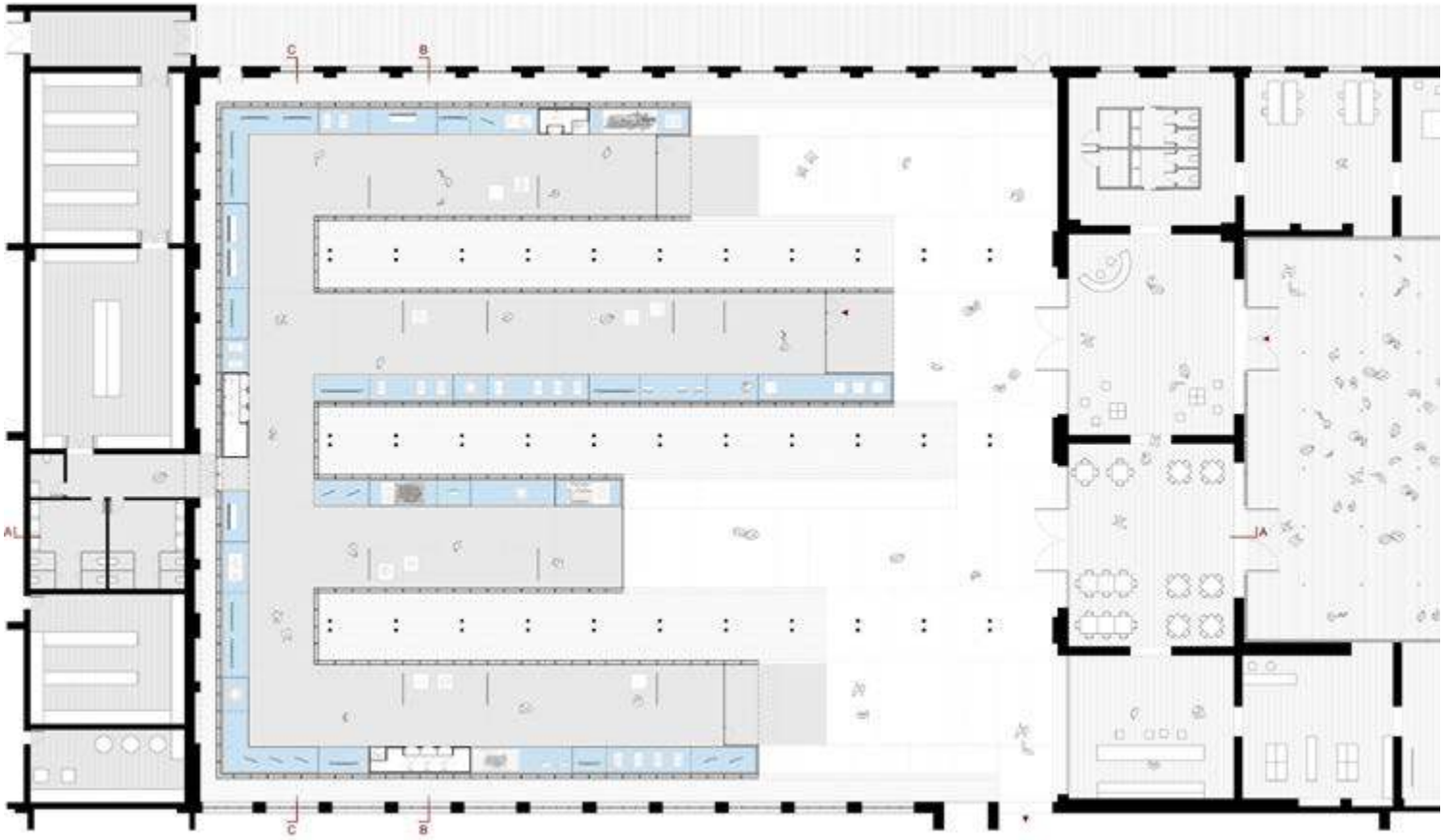
LOCATION
Bologna (I)

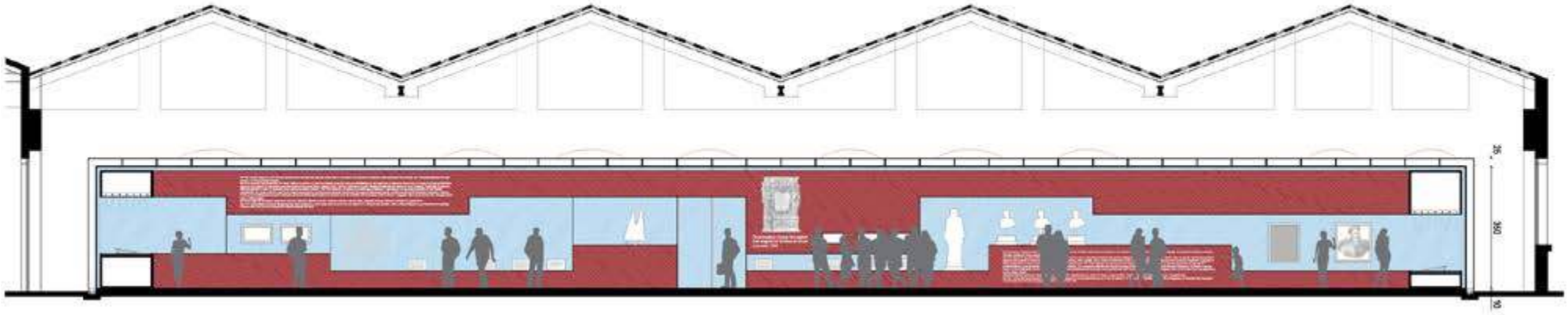
DIMENSIONS
Plot area: 7.000 sqm
Built area: 2.600 sqm

CONSTRUCTION BUDGET
4.000.000 €

TIMELINE
2013, Concept design

Conservation restrictions imposed by the Soprintendenza together with 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.





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 fully to the operative needs of the company and the modernisation of the spaces according 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, 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)

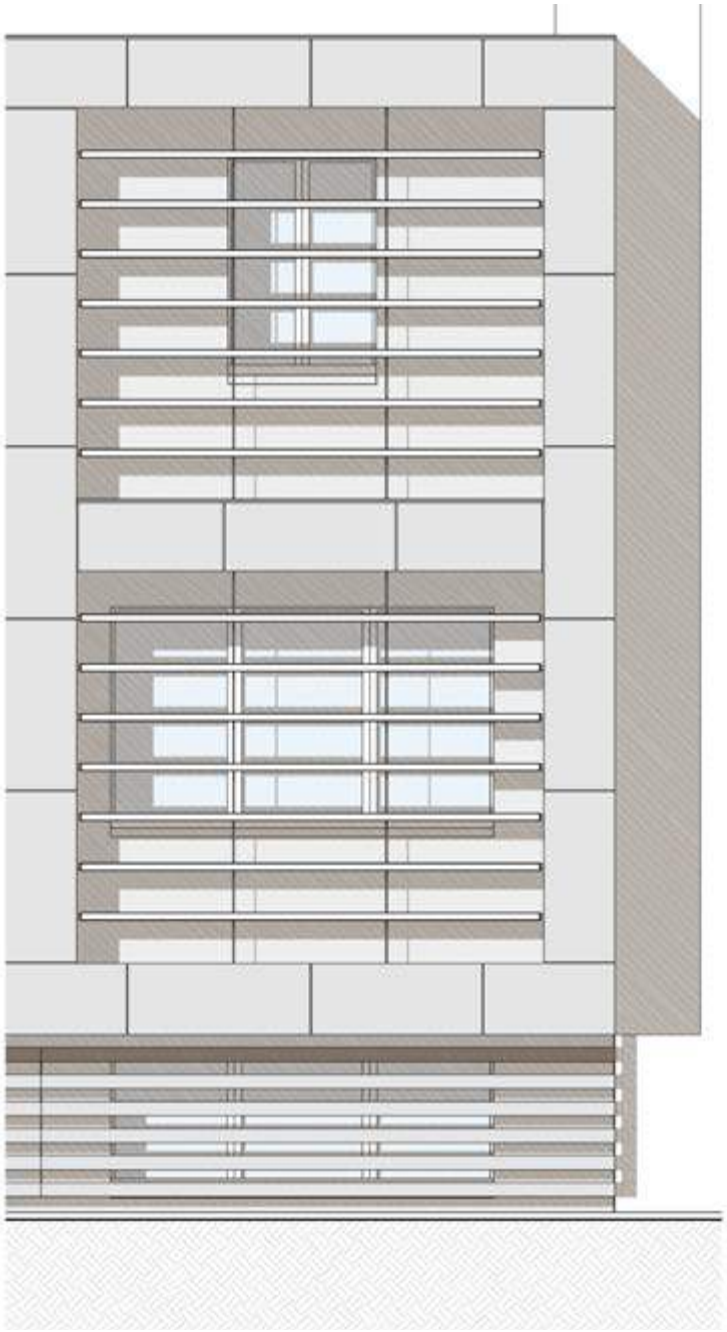
DIMENSIONS
Plot area = 3.000 sqm
Built area = 1.500 sqm

CONSTRUCTION COST
1.500.000 €

TIMELINE
2012-2013

STRUCTURAL ENGINEERING
Eng. Edoardo Poletì

ENERGETICAL ASPECTS
Studio A+



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

Welfare Community Center, Parma (I)

The multifunctional welfare section in the new Welfare Community Center in East Parma contemplates the realization of an integrated system of facilities for people, consisting of a number of assisting structures (four protected homes, one nursing home, one community residency, two day centres, one building for communal services and one home for short-term hospitalization), area for volunteering and benefit associations groups, shops and neighbourhood services.

The volumetric plan intends to guarantee a welcoming and tailored environment and to this extent the following morphological principles have been set: low building density, open and permeable structures, reduced scale of building (never more than 3 floors) large green areas available, simple and rational mobility and circulation system.
In detail, the plan develops a scheme of successive courts, enclosed within an open perimeter made of a series of separated buildings. These buildings, characterized by a sort of continuous basement, will be L-shaped and homogeneous in volume though differentiated in bearing.
From a functional point of view, each assisting structure is independent from the other: the ground floor hosts the entrance halls, common spaces and services and stairs to the upper floors; on the second and third floor there are a number of patients' bedrooms with their facilities together with large common areas for socializing.

CLIENT
Comune di Parma

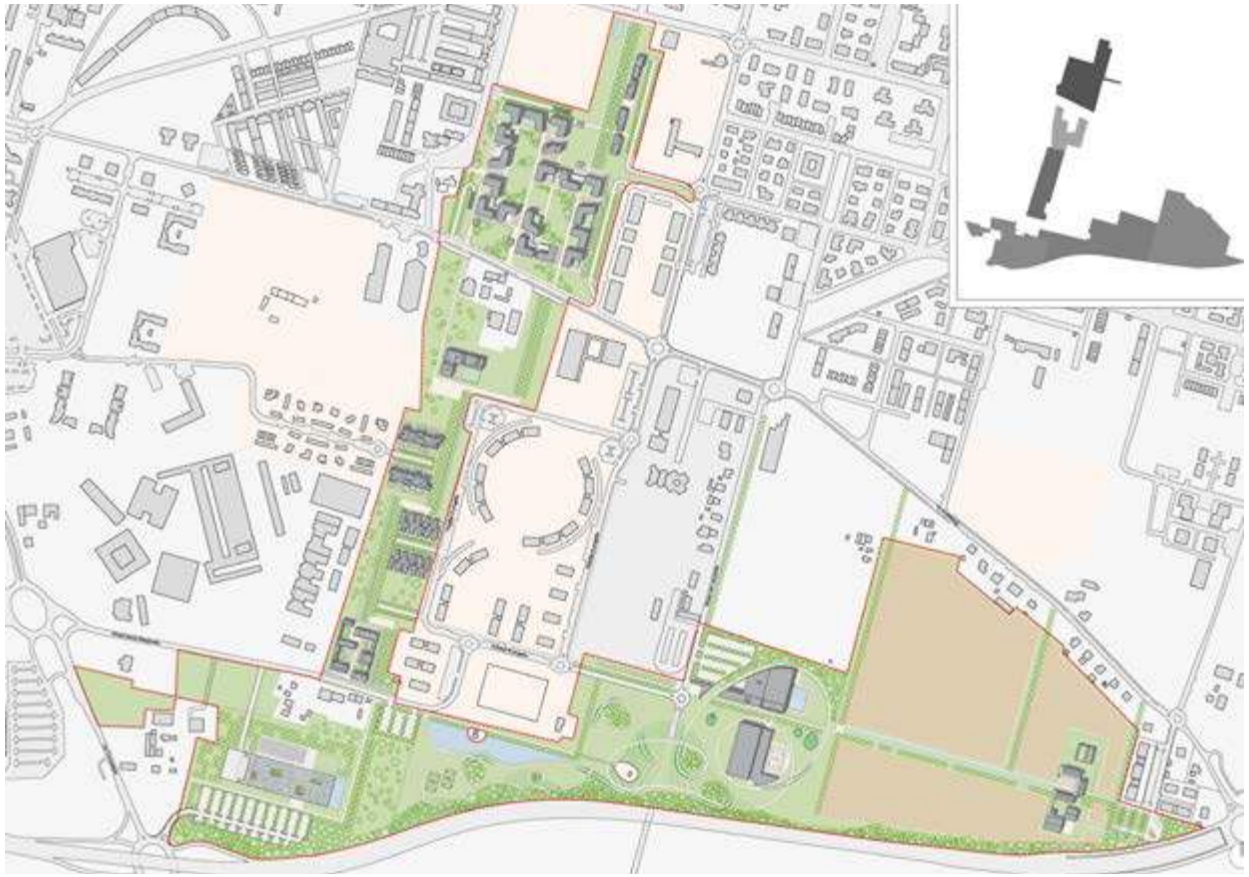
CONSTRUCTION BUDGET
37.500.000 €

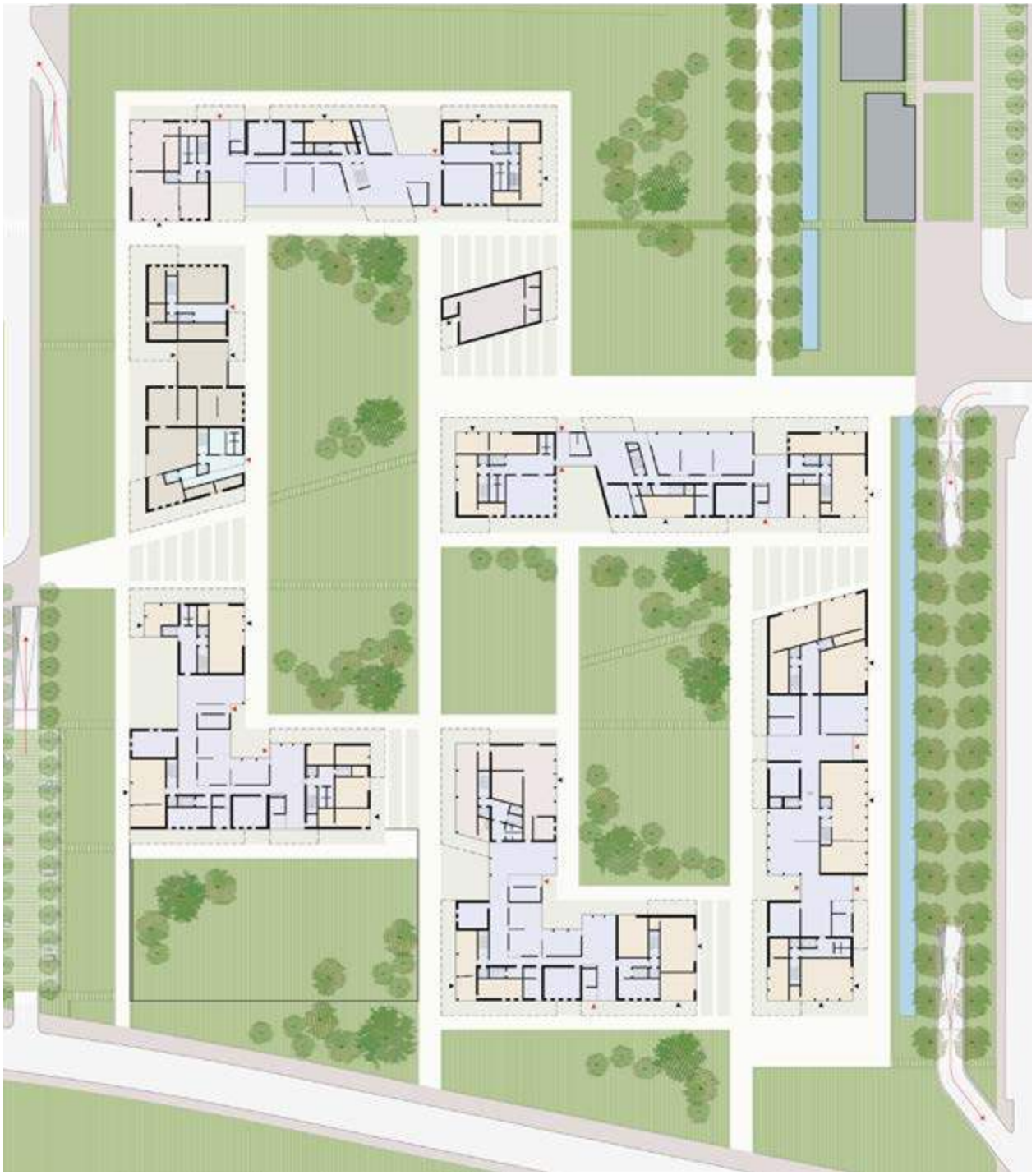
LOCATION
Parma (I)

TIMELINE
2009, Concept design

DIMENSIONS
Plot area = 166.500 sqm
Built area = 25.000 sqm

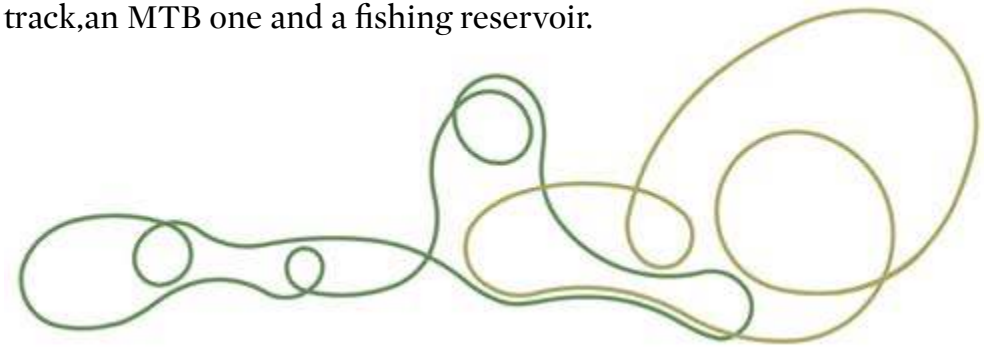
IN COLLABORATION WITH
Policreo S.r.l.





The new multi-equipped park

The new Welfare Community Centre is integrated by a multi-equipped park intended as a new means to experiencing sport and leisure time through a variety of activities intended both for the single subject as well as for the family.
An receptive and flowing system which combines services and open air activities together with enclosed structures thus integrating the city's partial offer with different services offered by the Community centre. The plan constitutes of a series of indoor and outdoor swimming pools, a number of multifunctional covered and open air playing fields intended for football, basketball, volleyball and tennis; two sand playing fields for beach volley and tennis, a running track,an MTB one and a fishing reservoir.



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

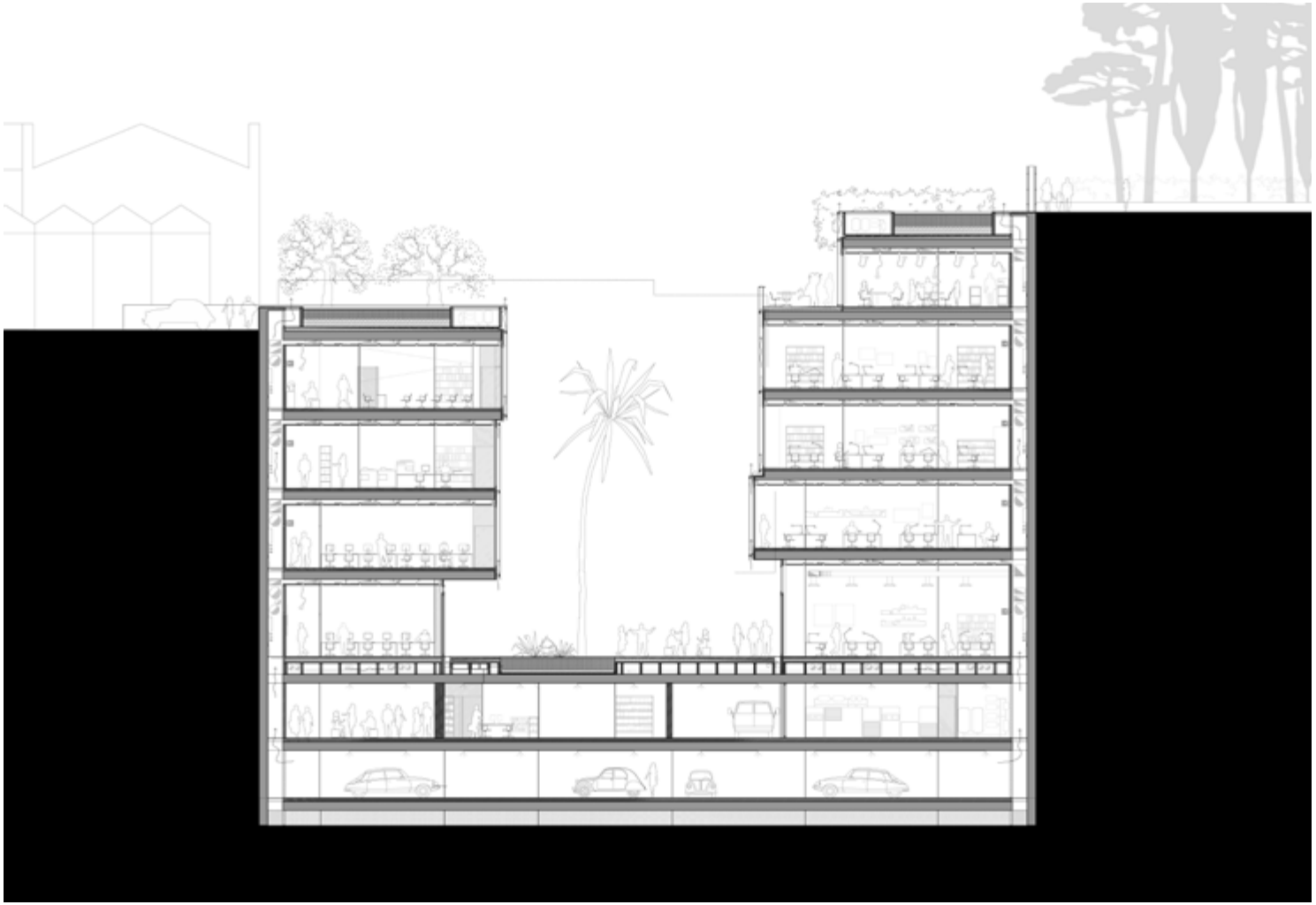
CONSTRUCTION BUDGET
60.000.000 $

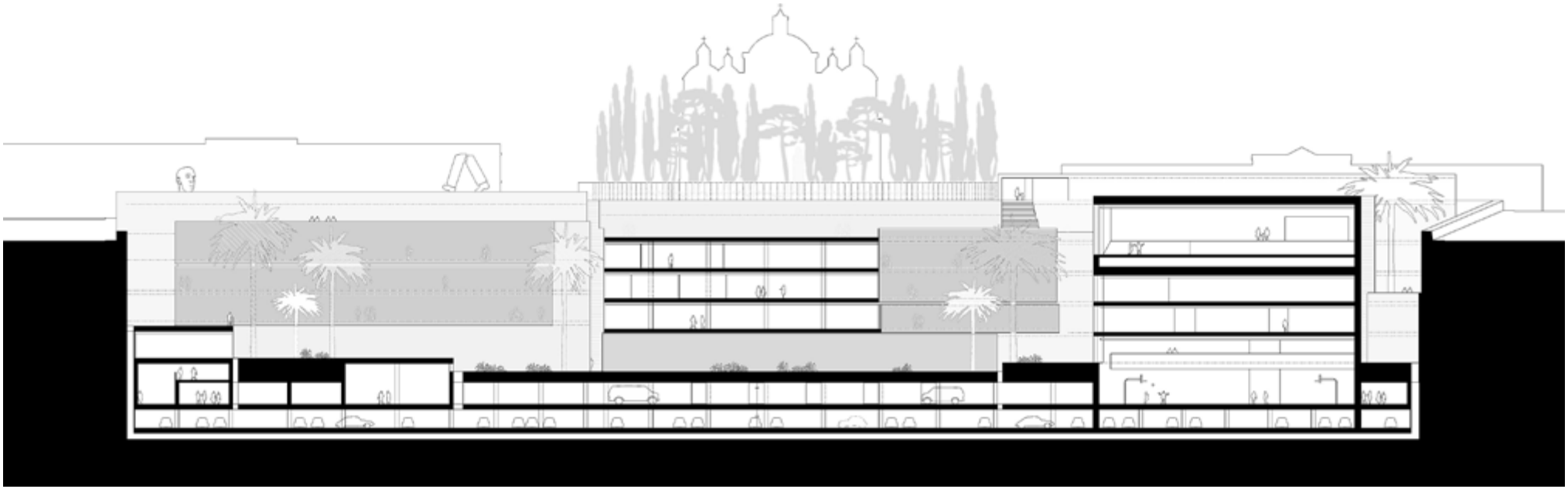
TIMELINE
2007, Two-phases design competition / **Honourable mention + Jury special Award**

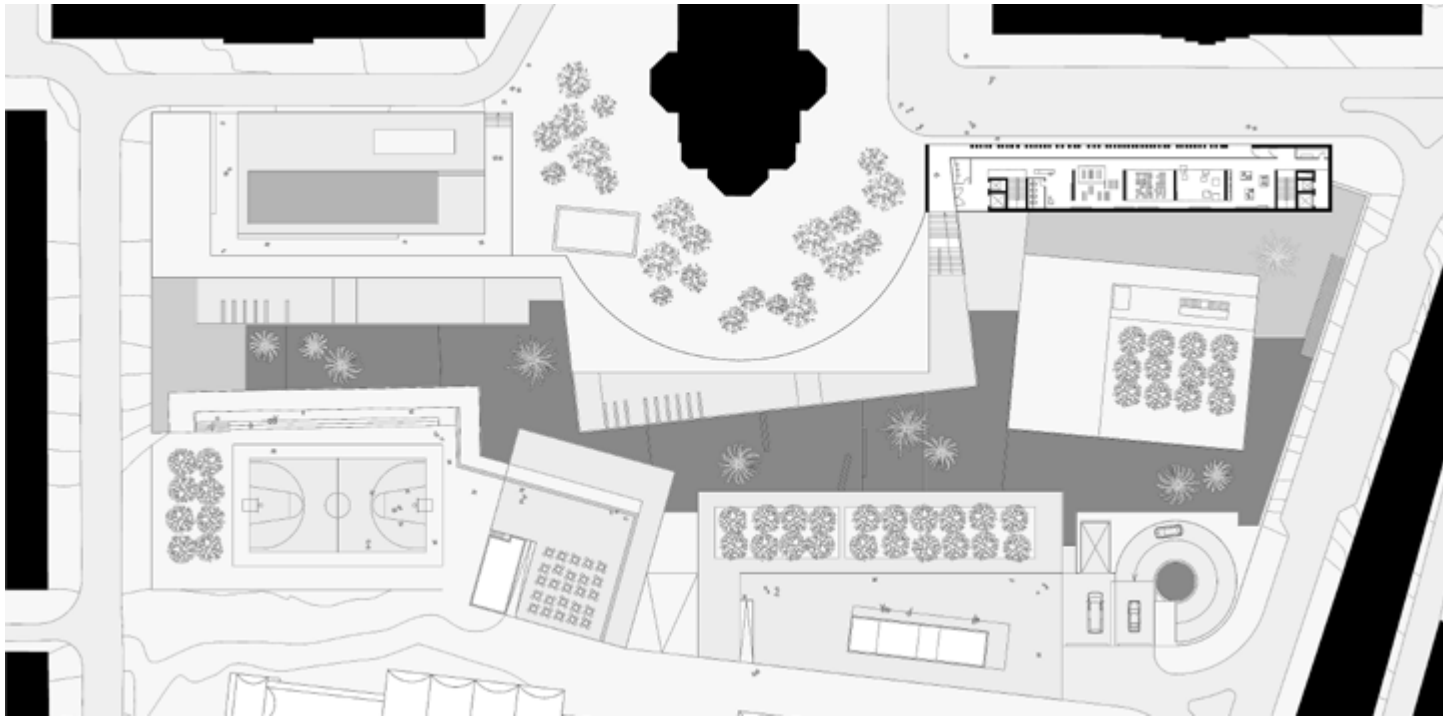
STRUCTURAL ENGINEERING
Favero & Milan Ingegneria S.p.A.

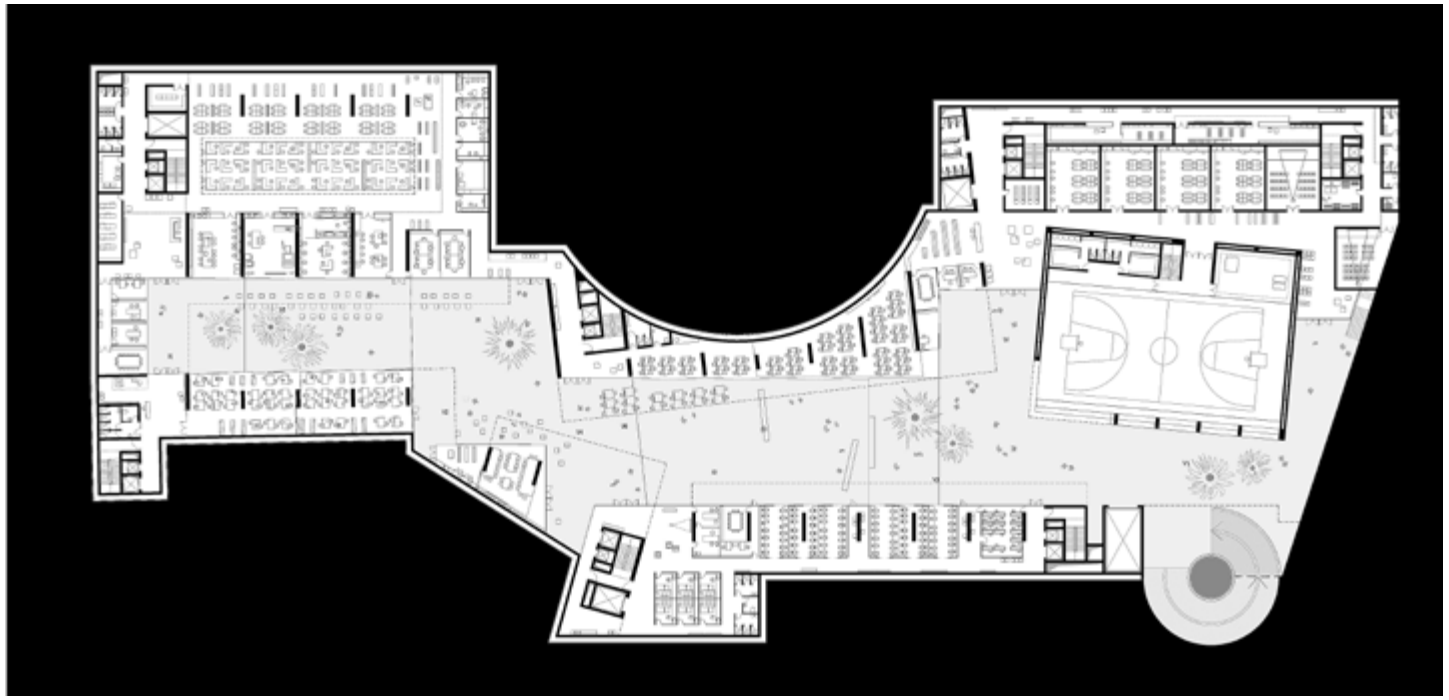
MEP ENGINEERING
Favero & Milan Ingegneria S.p.A.

With a sort of 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 sculptured 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.





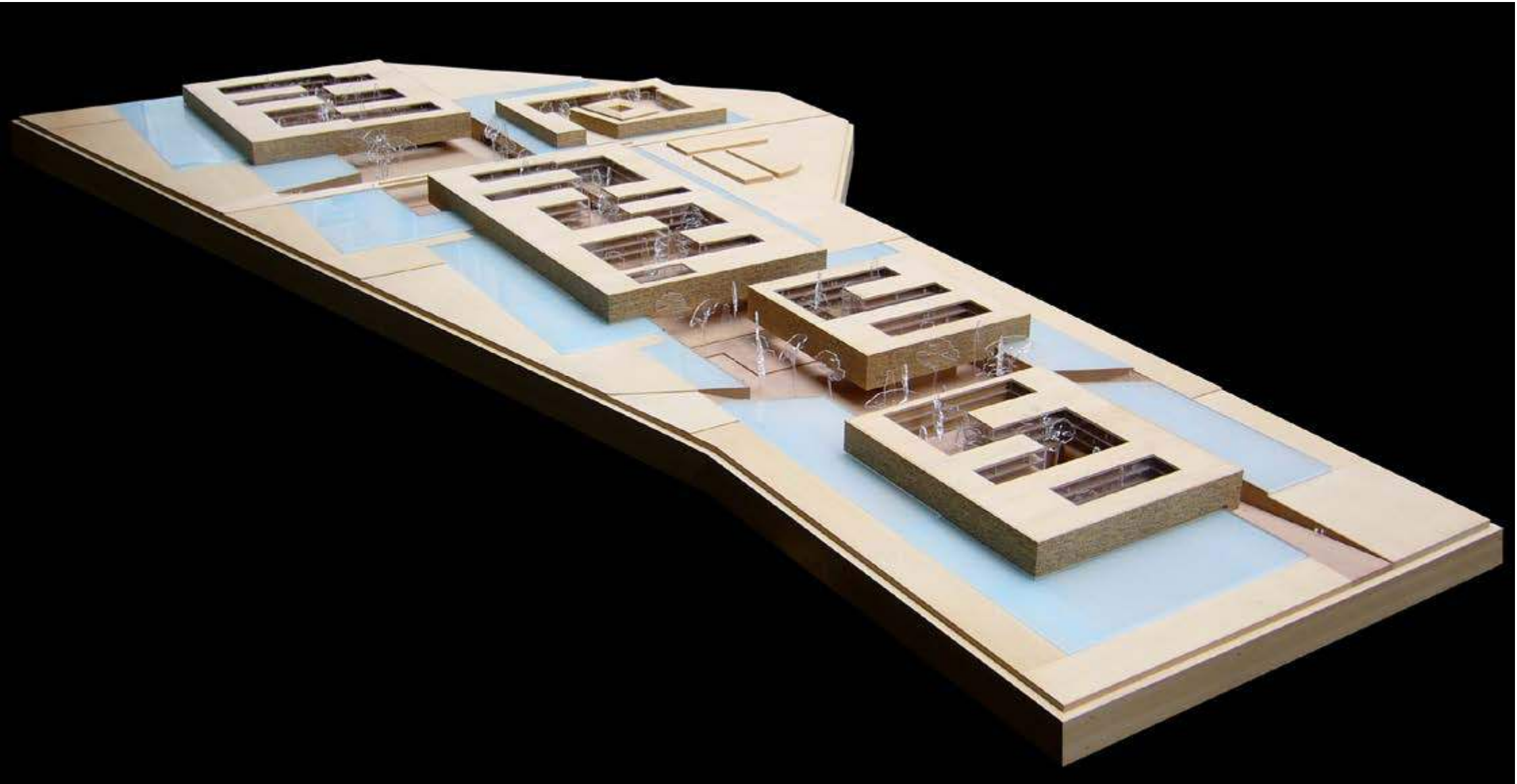




Right: ground floor plan and -5 plan

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 €

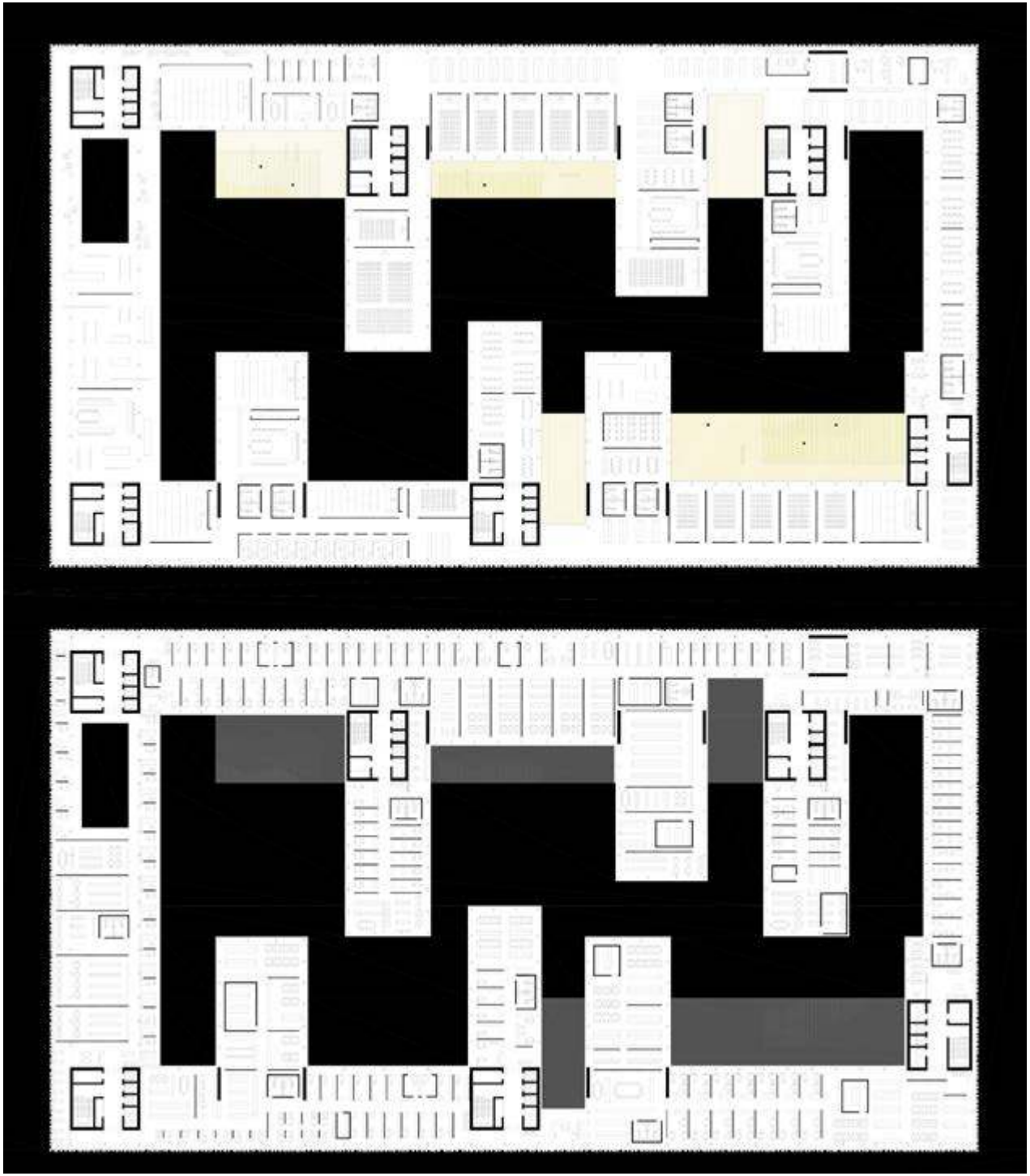
TIMELINE
2006, Two-phases design competition /
Shortlisted design

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 including 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.



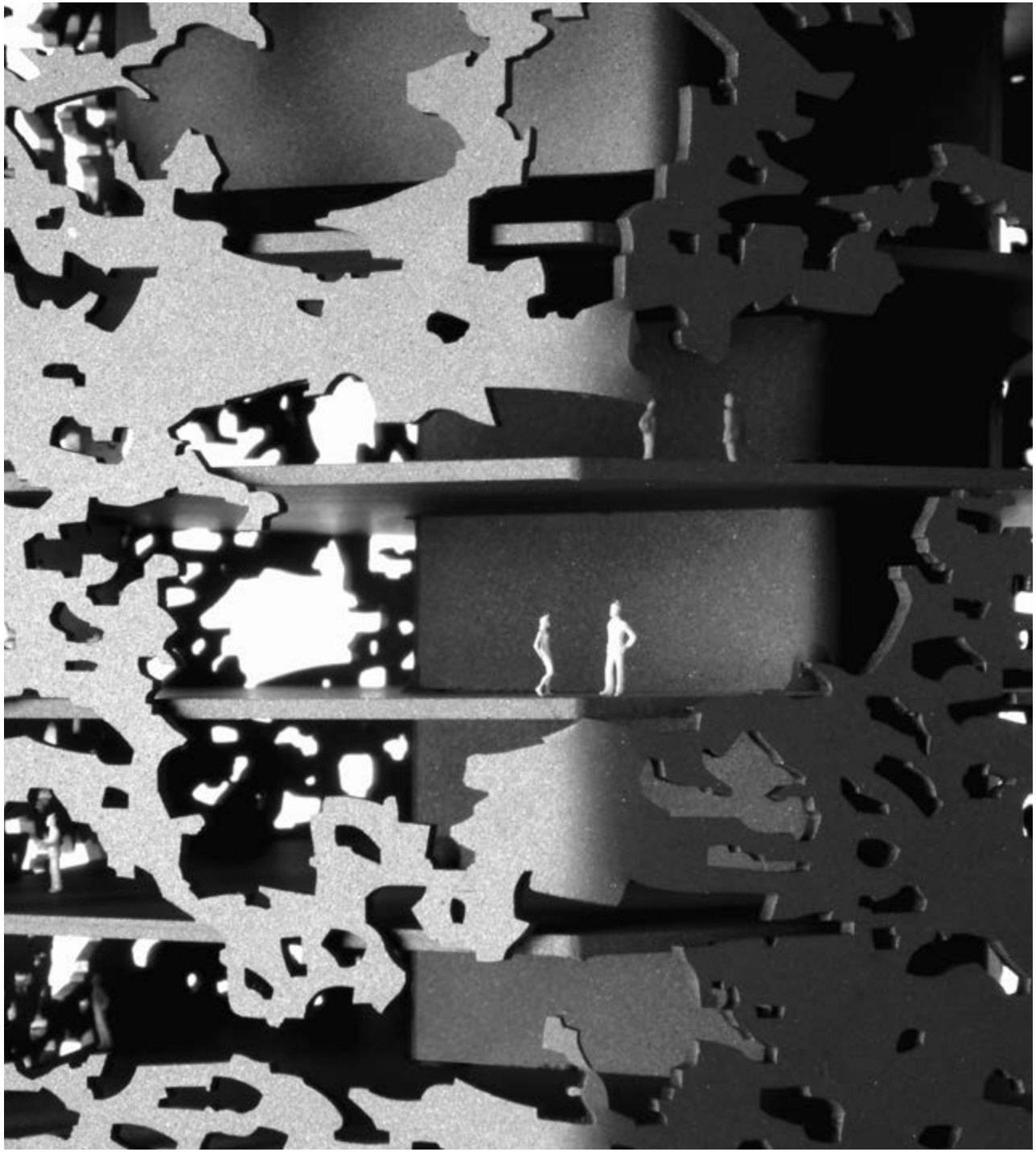
Right: medical school plan

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 will permit 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 side, 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)

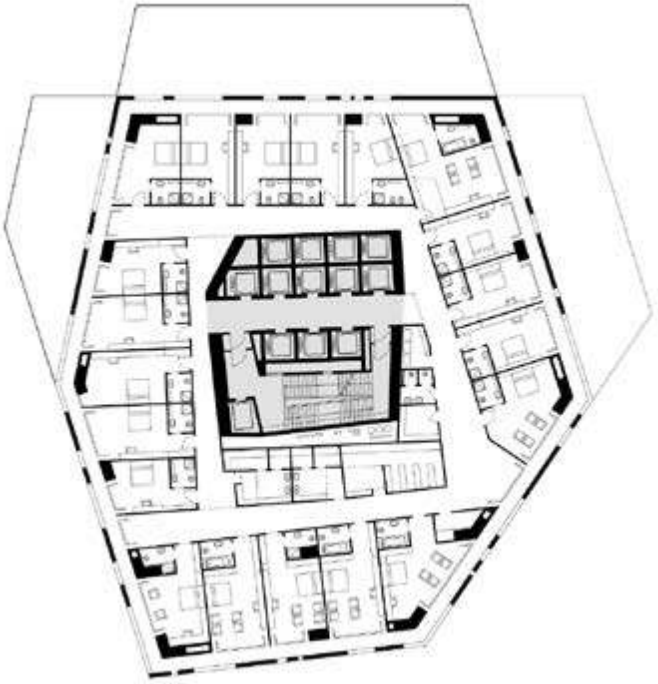
DIMENSIONS
Typical settlement: 25.000 inhabitants
Single tower's GFA: 96.000 sqm

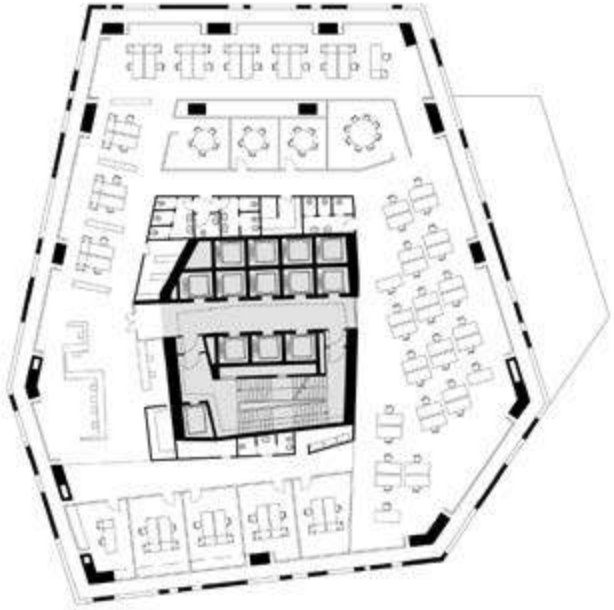
CONSTRUCTION BUDGET
-

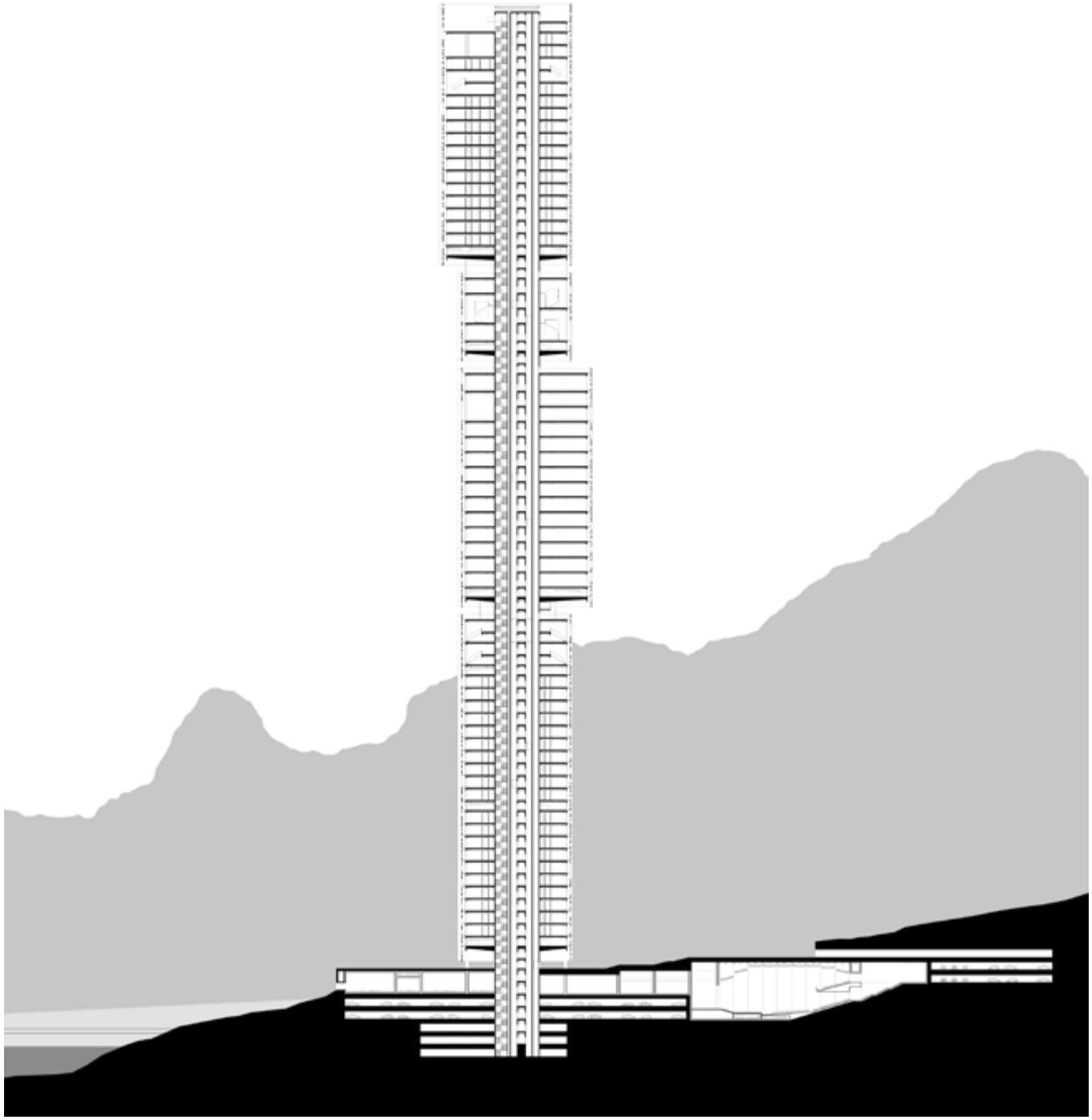
TIMELINE
2005, Concept design

STRUCTURAL ENGINEERING
Palladio Engineering

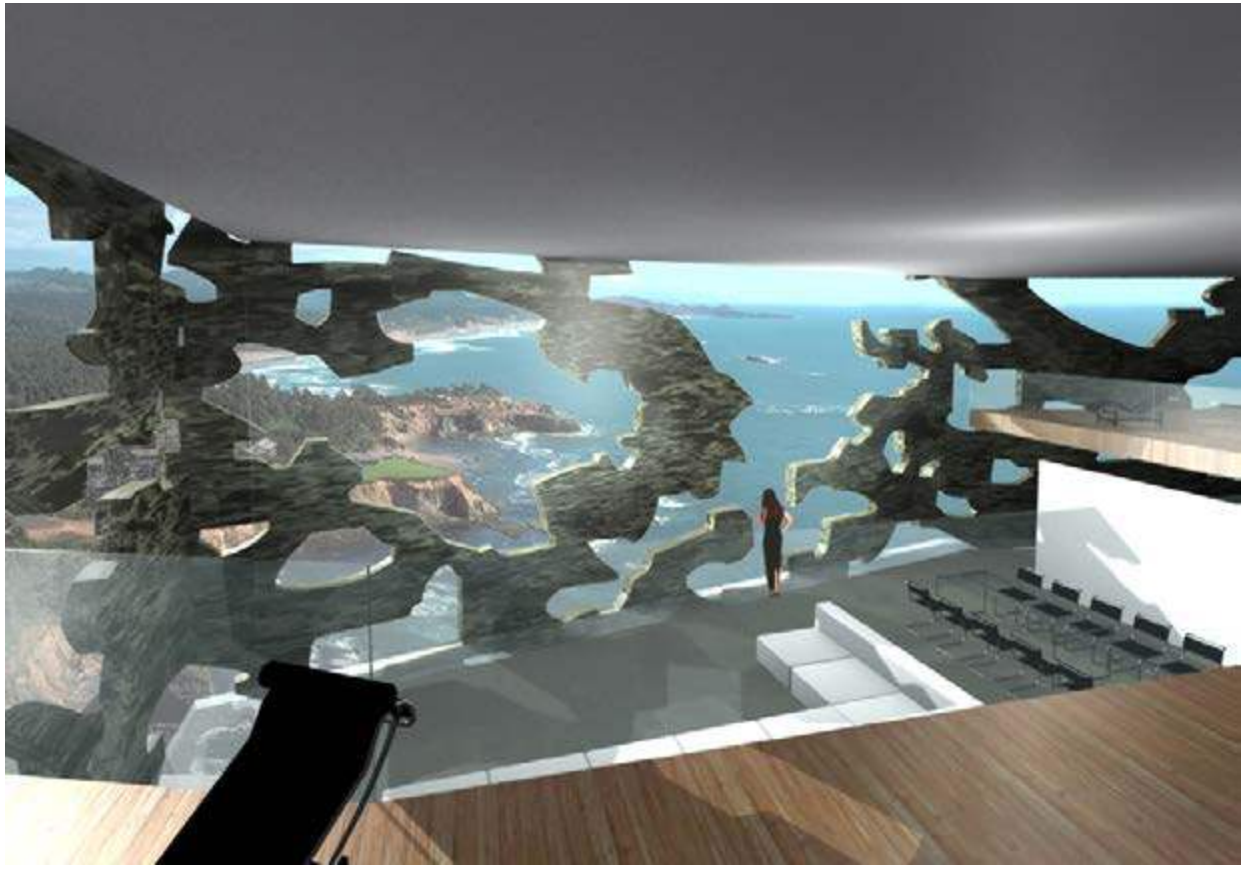
MEP ENGINEERING
Palladio Engineering

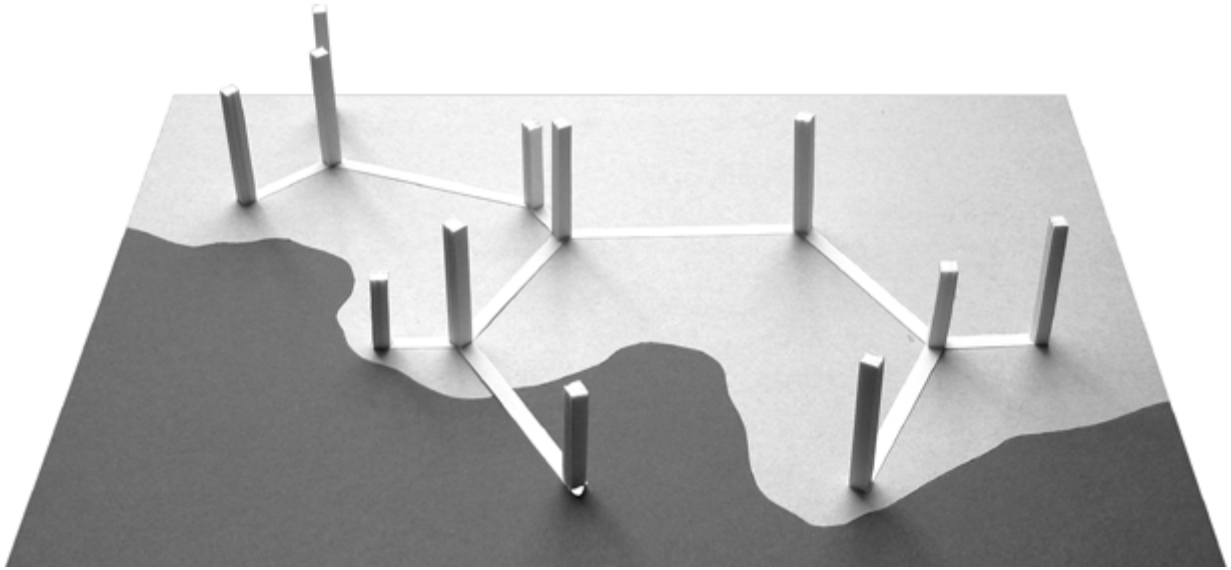






Above: Hotel and offices typical floors Right: cross section





New Headquarters for the Province, Arezzo (I)

The design investigates a different form of 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

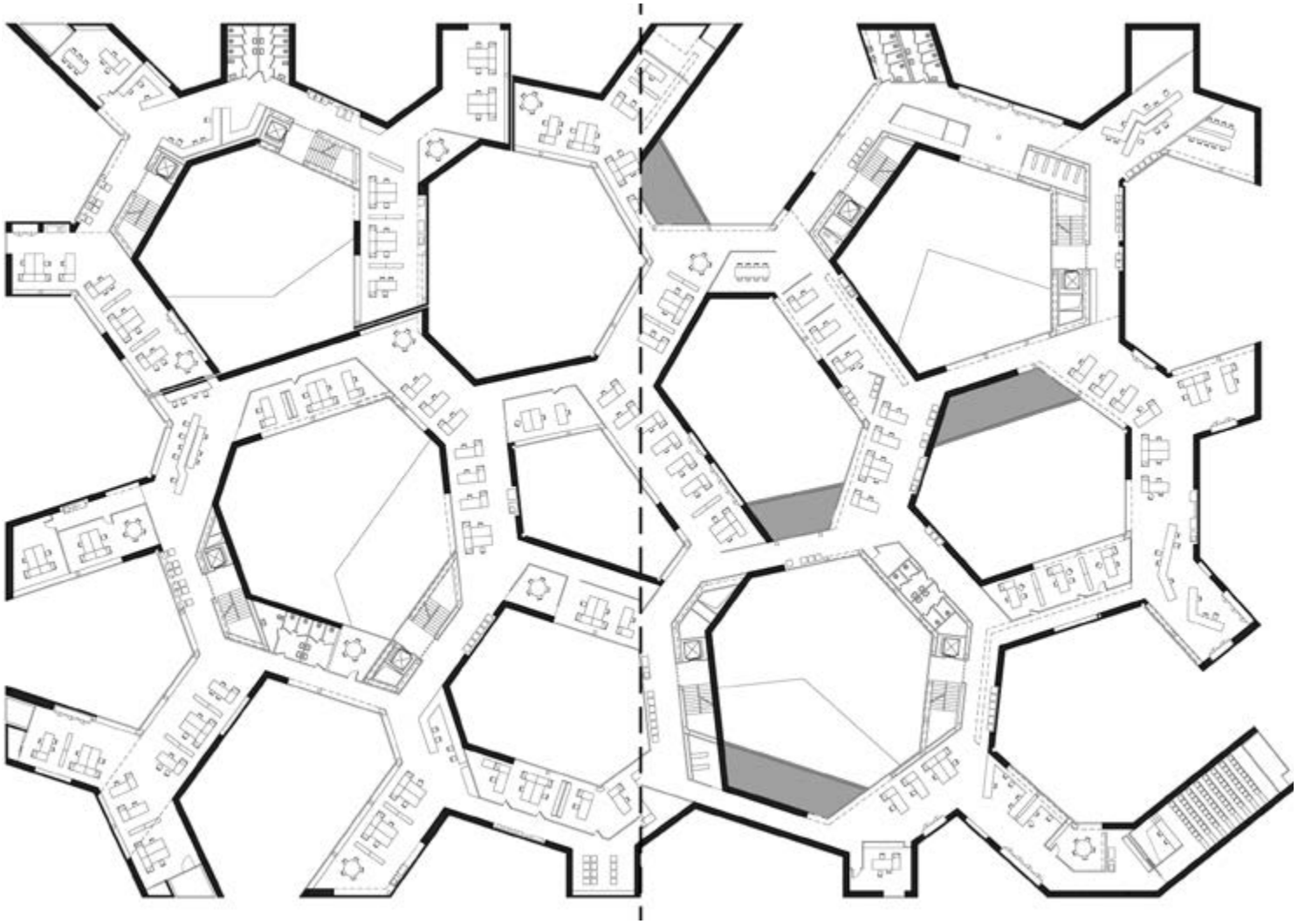
CONSTRUCTION BUDGET
11.400.000 €

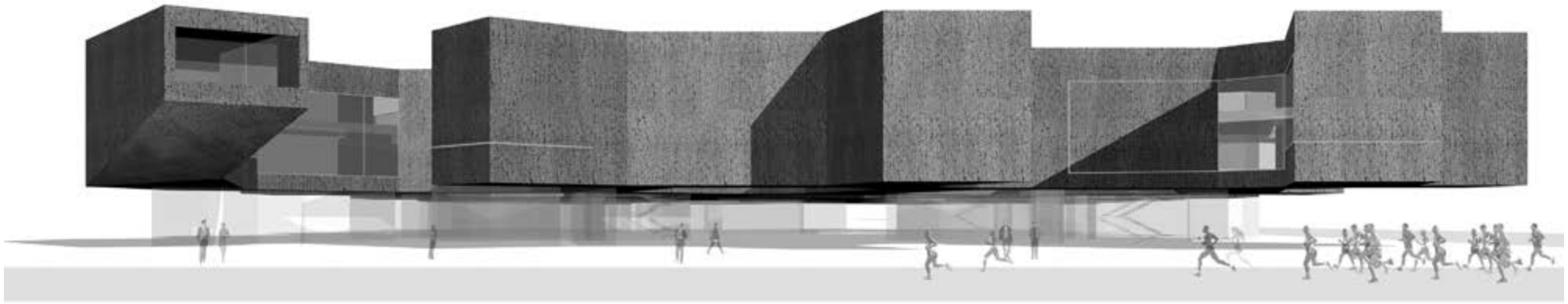
TIMELINE
2005, Single stage design competition /
Honourable mention

STRUCTURAL ENGINEERING
Favero & Milan Ingegneria

MEP ENGINEERING
Manens Intertecnica

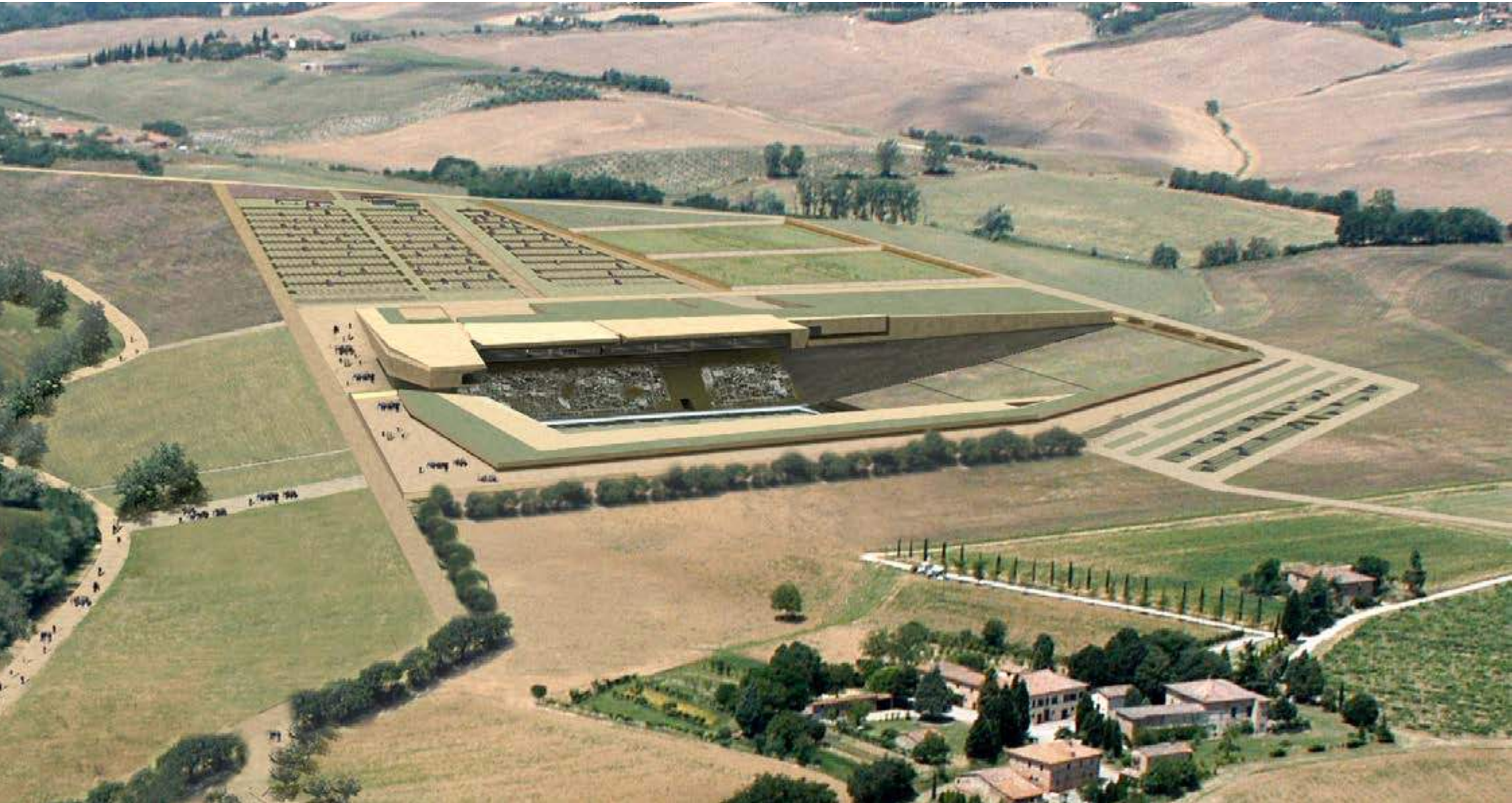
The building is conceived to develop on a number of levels, clearly marked by their usage and spatial configuration. Ground zero will host operating and reception areas as well as information desks. Collective functions and services are to be found in the basement whilst offices are clearly separated from public areas and are to be found on 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 is the north side totally opened up towards the magnificent view of Siena.
The stadium becomes a space to be used everyday and not only on specific sporting occasions whereby 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

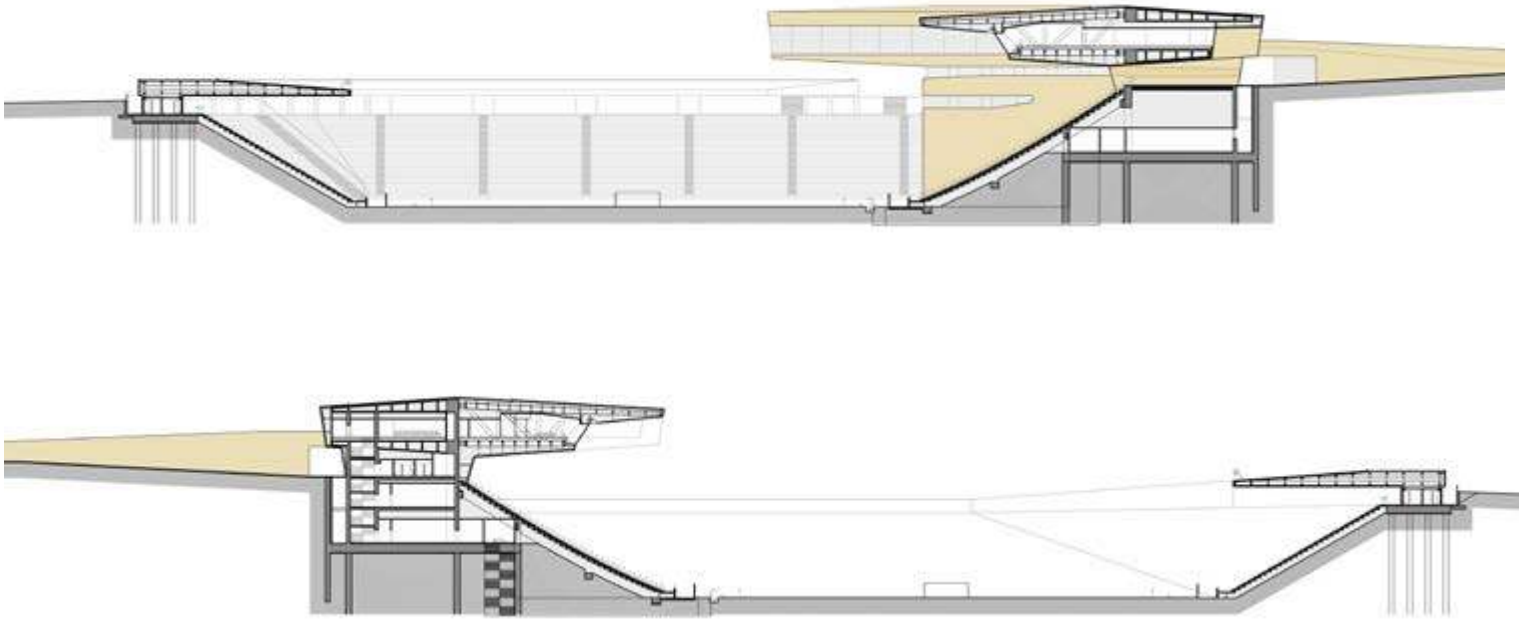
IN COLLABORATION WITH
Iotti+Pavarani Architetti
Giovanni Cenna Architetto

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



MARAZZI
ARCHITETTI

Vicolo del Carmine 3, 43121 Parma, Italy
T. +39 0521 506851 - F. +39 0521 1813182

info@marazziarchitetti.com
www.marazziarchitetti.com