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Pre-Qualification Document

Chalabi Architekten und Partner ZT GmbH (CAP)

September 2013

Chalabi Architects and Partner's experience in Green Architecture

In addition to Chalabi Architects and Partner's (CAP's) expressive and unique buildings and designs CAP have succeeded in achieving the highest standards in Green Architecture.

- The Sheikh Zayed Desert Learning Center in Al Ain Wildlife Park and Resort, U.A.E. boasts to be the first building to ever receive **Estidama five pearls** design rating (the highest Abu Dhabi Sustainability standard). The building has also achieved **LEED Platinum** accreditation.
- The Master Plan, Landscape, Residential with three public buildings project in Al Ain Wildlife Park and Resort is aiming for **LEED Silver** accreditation. The project has been awarded the status of a pilot project for the highest Abu Dhabi Neighborhood Sustainability guidelines.
- The Korneuburg office building in Austria, is one of the few public buildings to achieve the highest "**Passivhaus**" stringent Austrian energy saving standards within a very tight budget.

• The Science and Conference Centre in Darmstadt, Germany has received the German **DGNB - Silver** Sustainability Certification. The building integrates an atrium in the shape of a funnel for the fresh air intake and the collection of rain water in a cistern. An earth heat exchanger to warm the air intake, wood pellets heating, PV cells, and rapidly renewable material such as bamboo wood cladding have been installed among other acknowledged techniques in green architecture.

Chalabi Architects and Partner's approach to sustainable Architecture has been based on coupling affordable passive means with cost intensive state of the art Mechanical Electrical Plumbing (MEP) technologies. Green Architecture is for CAP not an aim by itself, but is seen as inherent in the design methodology. The passive techniques are predominantly best practice design solutions. The spectrum includes:

- Environmentally responsive Urban Design
- Environmentally responsive Landscape
- Optimal building envelope and physics such as reducing heat gain. The extent includes thermal insulation, reflective materials, double layered skin, external shading devices, optimized window openings or inward tilted façades and tinted glass
- Integrated day lighting and glare control
- The use of recyclable, locally available and rapidly renewable materials
- A life cycle cost assessment is a consideration in selection of materials and components

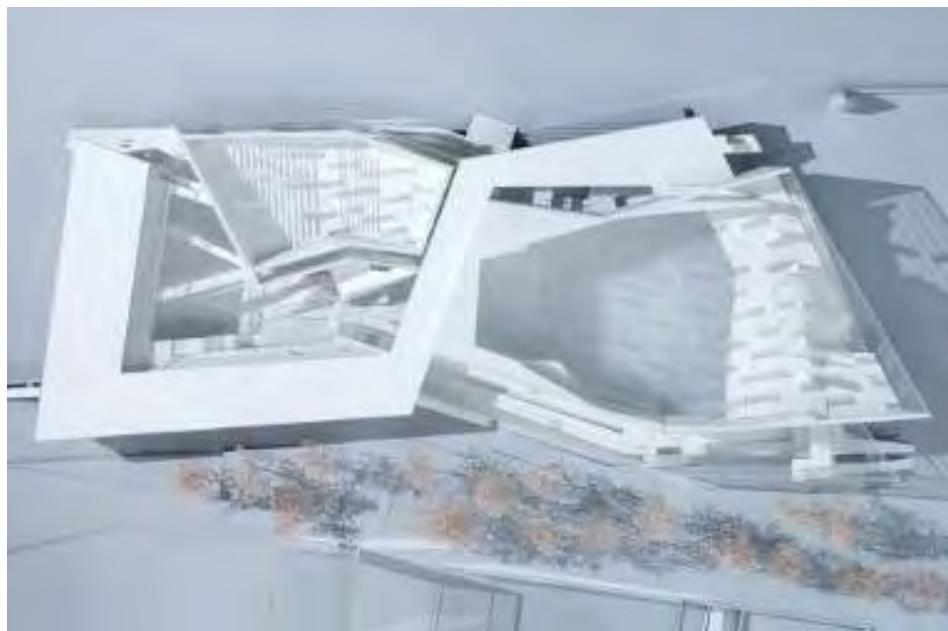
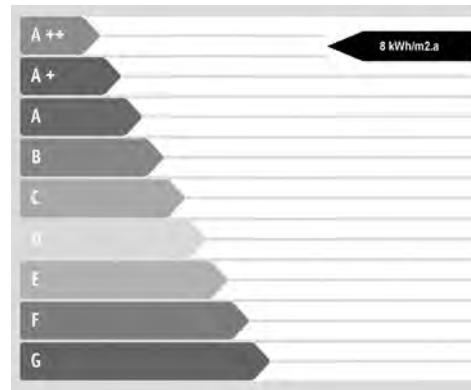
The active MEP technologies include:

- Heating Cooling Ventilating - Solar cooling, heat earth exchanger, concrete core activation.
- Electrical - Integrated day lighting- low energy consumption of light fixtures and equipment – photo voltaic solar panels, building management system
- Plumbing - Vacuum toilets, waterless urinals, water saving faucets, water treatment
- Waste management

Energy consumption of 8 kWh/m².a for the Passivhaus in Korneuburg as the highest energy efficiency rate possible

Darmstadt (left below) DGNB Silver Certification

Sheikh Zayed Desert learning Center (right below) Estidama five Pearls and LEED Platinum Certification



Public & Commercial Buildings

Chalabi Architekten und Partner ZT GmbH (CAP)

Location	Darmstadt, Germany	Assignment	Competition 2001-1st prize	Gross Area: 45.000 m ²
Client	City of Darmstadt + Federal State of Hessen	Start of Planning:	nov 2004	Cost: 64 mio EUR
Wissenschafts & Kongresszentrum Darmstadt GmbH		End of Planning:	dec 2006	
www.darmstadtium.de		Start of Construction:	2005	
		Completion:	2008	

Culture/Education

Science and Conference Center - Darmstadtium



Longitudinal section through the main assembly hall and the "back of house" at one floor below it, main foyer with its roof funnel, seminar tract and two parking floors.

Aerial view of the Science and Conference within the campus of Darmstadt Technical University – Large and Small assembly halls are a mirrored and scaled pair. The funnel is a depression within the roof of the main foyer.

The Science and Conference Centre integrates the various campus paths and urban vistas of its context. A glass oblique funnel which carries daylight to the lowest garage floor and rain water to a cistern forms the pivoting point around which rotate a 1.500 seating hall, a 500 seating hall and a meandering tract of seminar and conference rooms.





The main congress hall is designed as a multi-purpose hall which is capable of being subdivided into two or three halls if required. Its retractable seating tiers allow the space to be converted into an ascending forum suited to conferences and concerts and a flat surface which is suitable for exhibitions and fairs.

View of the main entrance
The integration of a medieval fortification wall and a flight of stairs leading to a restaurant on the first floor.



architecture
masterplanning
landscape
interiors

Location
Darmstadt, Germany

Assignment
Competition 2001-1st prize

Gross Area: 45.000 m²

Client
City of Darmstadt + Federal
State of Hessen
Wissenschafts & Kon-
gresszentrum Darmstadt
GmbH

Start of Planning: nov 2004

Cost: 64 mio EUR

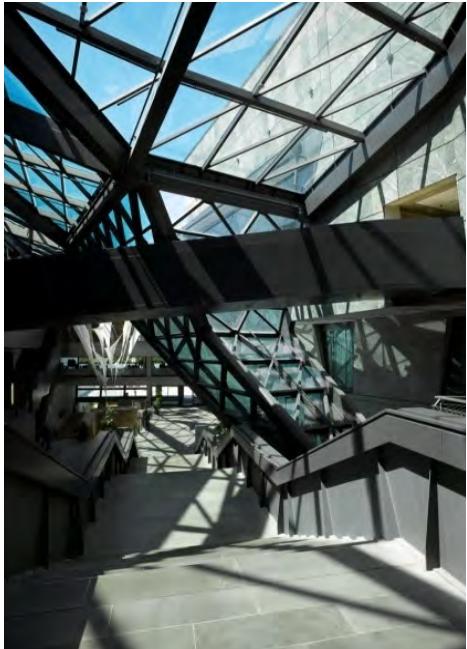
End of Planning: dec 2006

Start of Construction: 2005

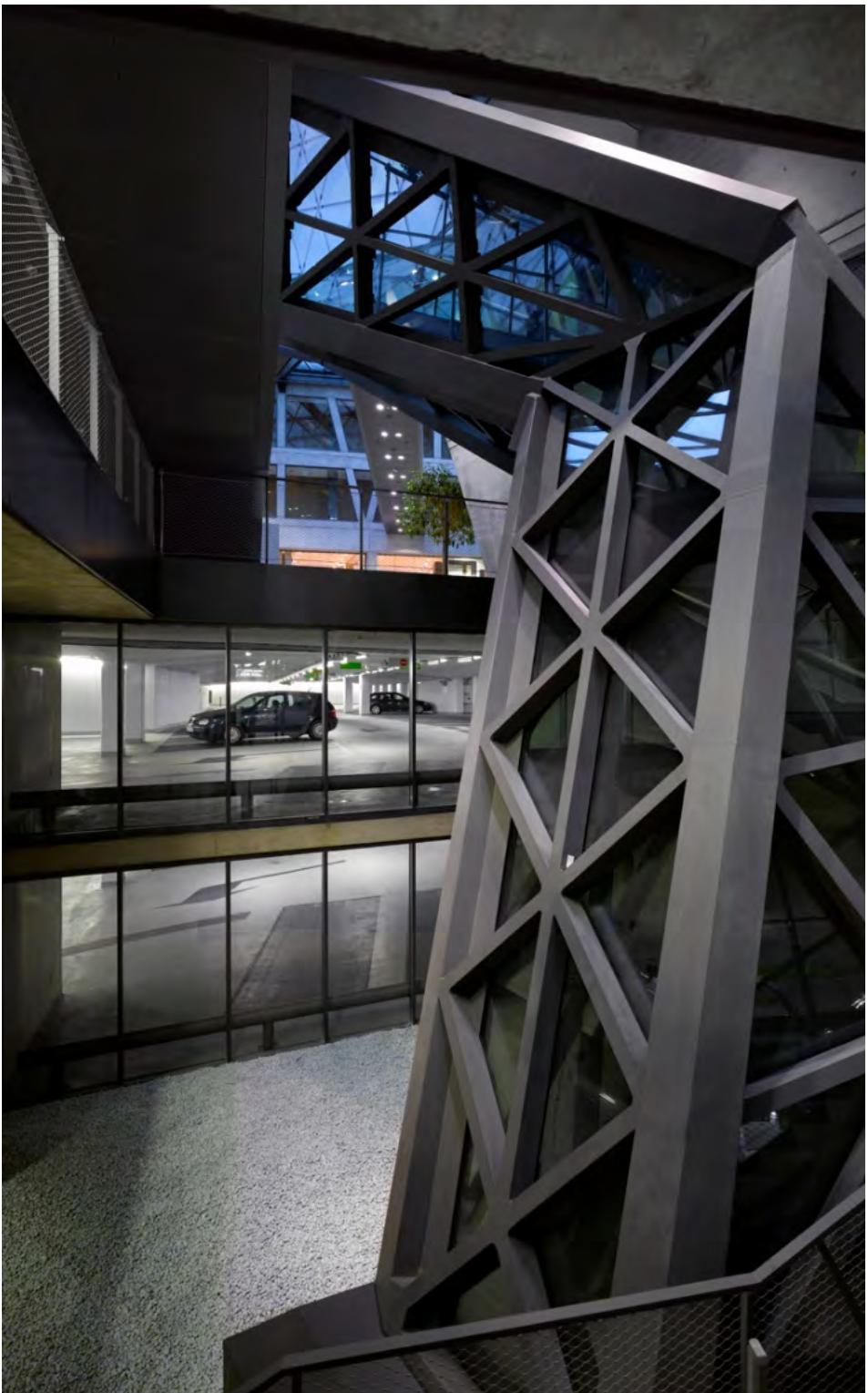
Completion: 2008

Culture/Education

Science and Conference Center

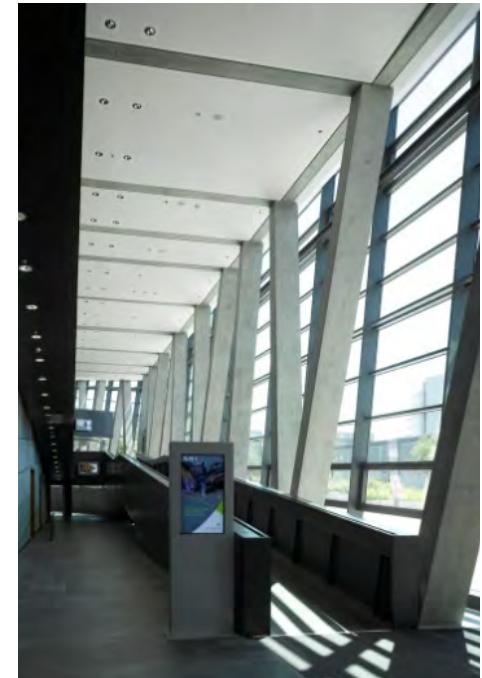


Main Foyer with the pivotal and sculptural "funnel" - a depression within the roof - It collects rain water, provides natural light to the underground parking and fresh air intake to the ventilation system.



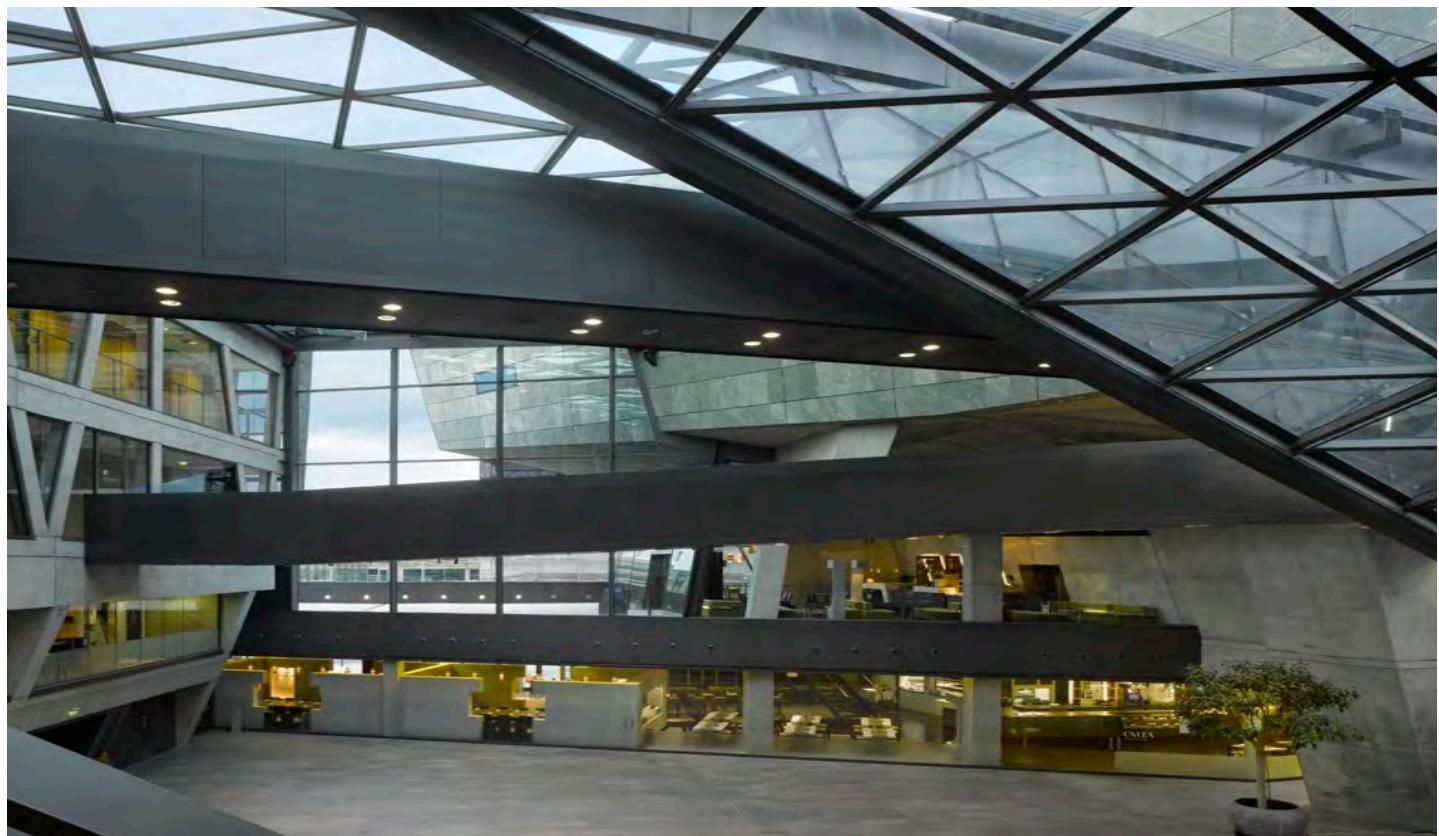
The "funnel" as the pivot of the projects – stairs, ramps and elevators are clustered around the inverted sculptural roof. "the funnel transforms to poetry when it rains" Darmstadium's CEO Lars Wöhler





The steel, glass and concrete exterior is carried into the interstitial space of the main foyer. In contrast to it, the interior spaces of the seating halls are clad with bamboo veneered panels and folded surfaces. The Science and Conference Centre in Darmstadt, Germany has received the German DGNB - Silver Sustainability Certification.

The funnel is a pivotal and sculptural element that organizes the building layout, collects rainwater and scoops natural light and fresh air



architecture
masterplanning
landscape
interiors

Location
Darmstadt, Germany

Assignment
Competition 2001-1st prize

Gross Area: 45.000 m²

Client
City of Darmstadt + Federal
State of Hessen
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Start of Planning: nov 2004

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Culture/Education

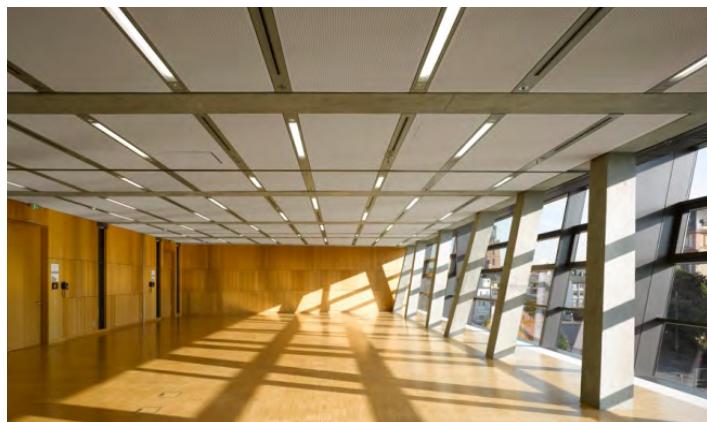
Science and Conference Center



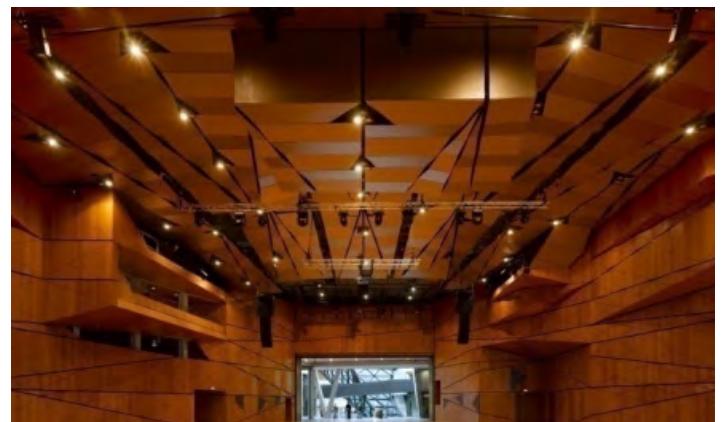
Large assembly hall with tier seating. When lifted, the stage iron curtain connects the hall to the foyer



Each foyer demonstrates unique proportions, circulation and views to the exterior. View of the foyer which faces a landscaped promenade.



Seminar room Floors, walls and dividing partitions are clad by bamboo, a durable and rapidly renewable wood sort. The ceiling integrates structural elements, cooling ceiling panels, lighting, ventilation and anchoring devices



Large assembly hall with the tier seating in a retracted position. When lifted, the stage iron curtain connects the hall to the main foyer transforming thus the building to an entity reminiscent to a ship.

architecture
masterplanning
landscape
interiors

Location
Korneuburg, Austria

Client
Lower Austria
State Government

Assignment
Competition 2008 -1st prize

Start of Planning: 2008

End of Planning: 2009

Start of Construction: 2009

Completion: 2011

Gross Area: 1.200 m²

Cost: 2 mio EUR

Office

Office Building

The office building is an extension to a campus-like cluster of three story-high administrative offices from the 1970s. The project's lot is adjacent to a classical residence facing a heavy-traffic road. The new structure bonds to the fire wall of its neighbour, and evolves gradually to its required and allowable height and volume. The new building creates an entrance plaza and a gate situation to the building, adjacent park and the administrative campus.

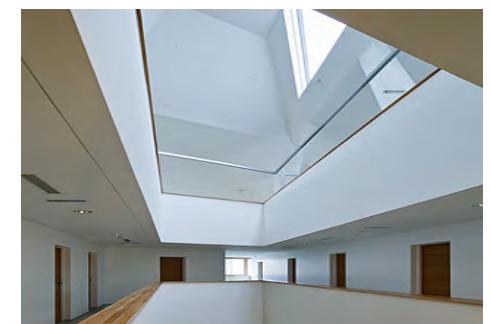
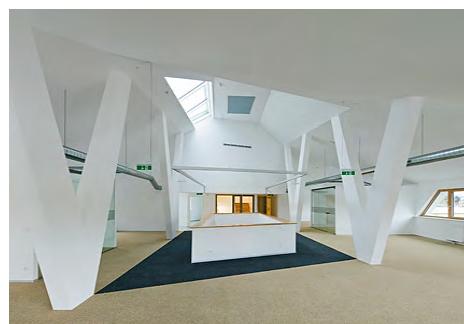
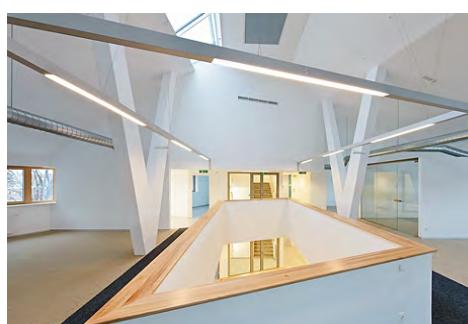
The new building "grows" from the old existing neighboring house and creates a plaza to the administrative compound

The faceted form offers a new variant for the passive house perforated façade





Central atrium with sky light in the roof as the building's axis mundi. Open plan office area in the attic level, sky light in the roof, elegant V-shaped columns

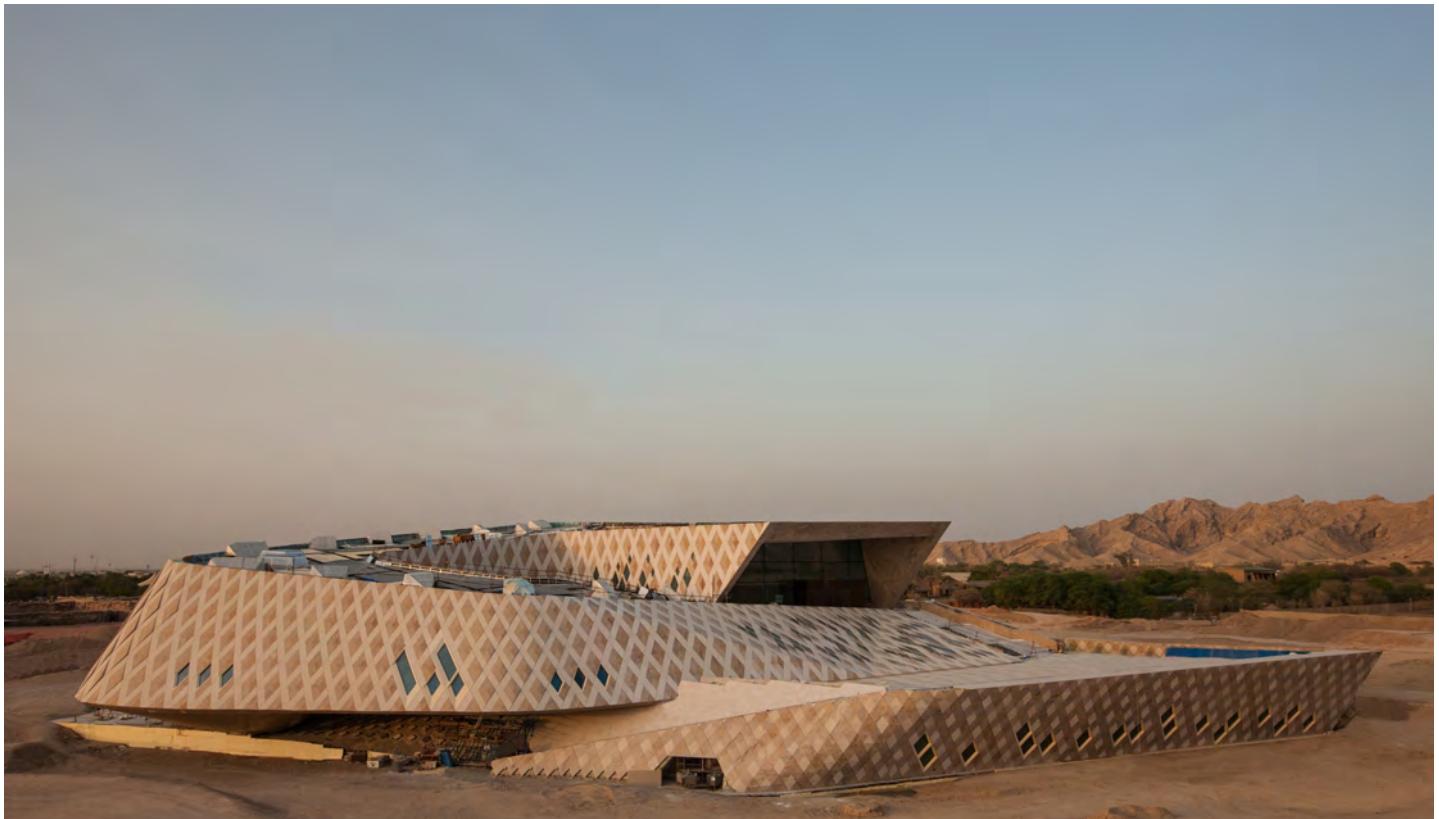


architecture
masterplanning
landscape
interiors

Location
Al Ain Wildlife Park & Resort,
UAE
Assignment
Competition 2007 -1st prize
Client
AWPR, Al Ain Wildlife
Park & Resort
Start of Planning: 2008
End of Planning: 2010
Start of Construction: 2010
Completion: 2013
Gross Area: 15.000 m²
Cost: 280 mio AED

Culture/Education

Sheikh Zayed Desert Learning Centre



The building emerges from the ground in response to the surrounding landscape. The tube structure resting on a base, winds around an open courtyard and finally culminates in a panorama window facing UAEs' highest mountain, Jebel Hafeet.

The building functions as an educational museum as well as a research centre for desert and environment related issues. It is an accessible sculpture which is inspired by its surrounding rugged landscape. The structural form generates a continuous loop in the architectural promenade akin to the Moebius band. Unlike the flat desert where one experiences only the horizontal flat planes the building offers an array of experiences in the vertical axis. It spirals up around a central courtyard to a high point which offers a vista to the safari park and the mountain



Competition model
The project grows naturally from the landscape

ridge. Furthermore, the building spirals down below grade around a funnel-like inverted courtyard space evoking the experience of geological layers and underground water sources. The building has obtained LEED Platinum and Estidama five pearls design rating. This achievement has been a result of a combination of passive and active measures in saving energy and water consumption as well as using partially local and recycled materials.



The project blends with the landscape

The mushroom-like support of the hovering tube structure allows expansive spans. The façade's stone cladding is subdivided to rhombus shaped panels which display three different finishes of one sort of marble originating from neighbouring Oman. Fenestration for the office spaces follows LEED day-light guidelines. Otherwise, fenestration is kept to a minimum in order to emphasize the inward looking nature of the interior spaces and to reduce heat gain.



Location
Al Ain Wildlife Park & Resort,
UAE

Client
AWPR, Al Ain Wildlife
Park & Resort

Assignment
Competition 2007 -1st prize

Start of Planning: 2008

End of Planning: 2010

Start of Construction: 2010

Completion: 2013

Gross Area: 15.000 m²

Cost: 280 mio AED

Culture/Education

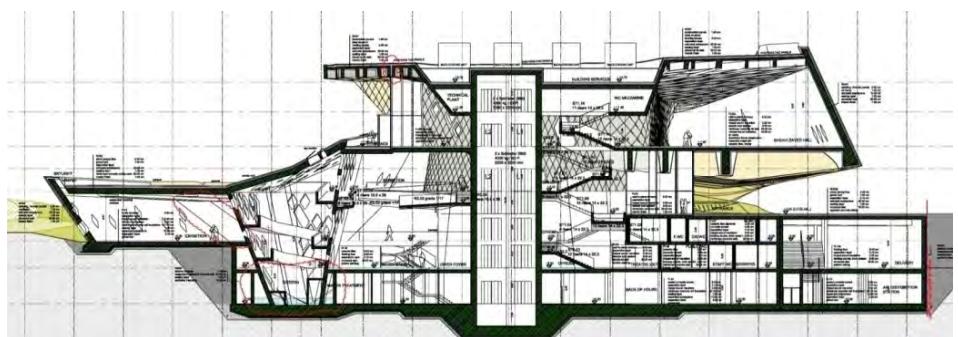
Sheikh Zayed Desert Learning Centre



A flight of steps leads to the roof terrace of the base structure upon which the tube structure rests. The stairs continue to the panorama window which constitutes the culmination of the visitors' journey.

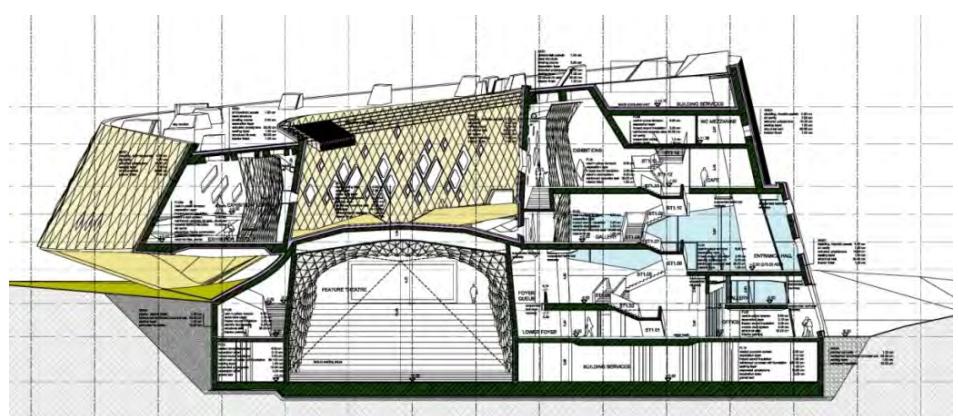
Cross section

About a third of the building's volume is subterranean and yet all below grade spaces receive natural day-light. The elevator connects six levels guaranteeing an easy access to special need visitors



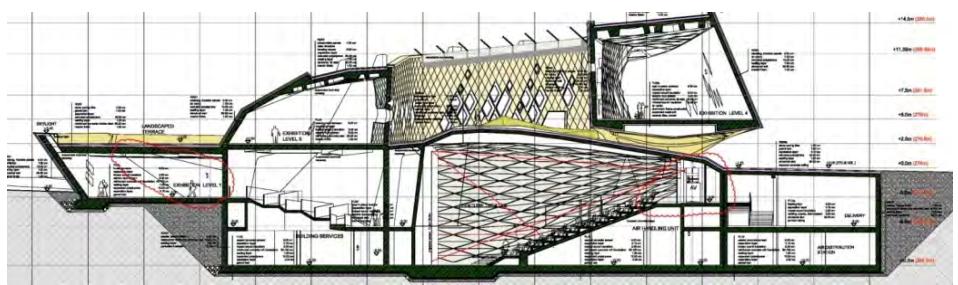
Cross section

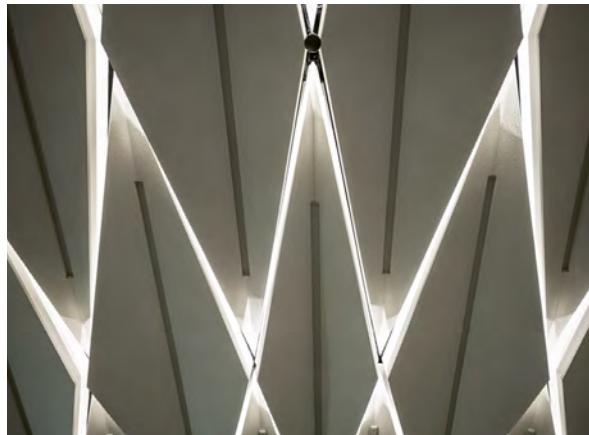
The cinema's roof is the floor of the main courtyard.



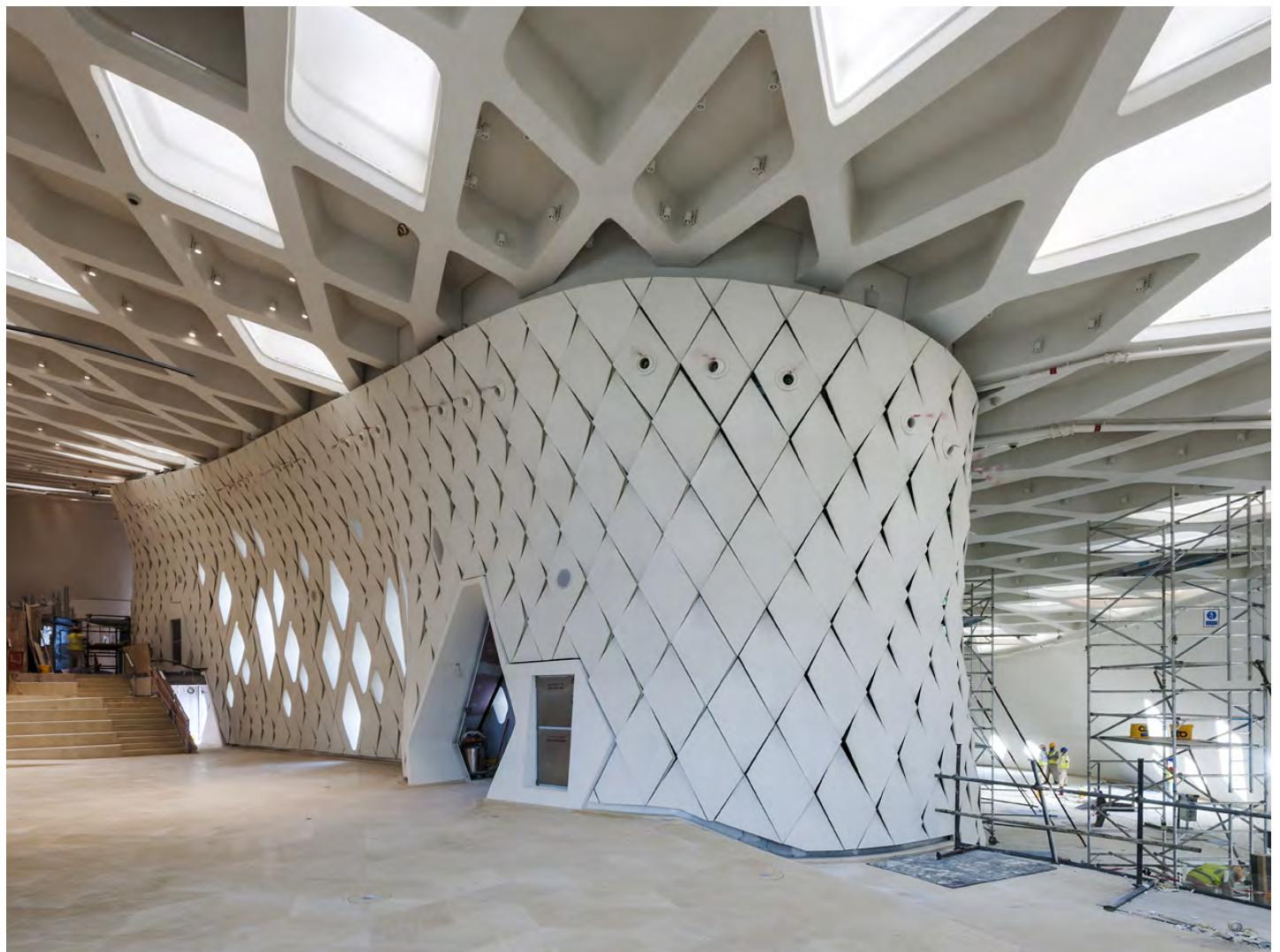
Cross section

An impressive part of the tube is cantilevered. It acts as a hollow beam structure and houses the main exhibition spaces.





The CAD generated parametric geometry of the cinema's wall and ceiling interior cladding offers a stunning canopy to the seating tiers. The panels' surfaces consist of acoustic plaster sprayed over gypsum boards which are supported on steel frames. The panels are lit by LED strips enhancing thus their organic geometry.

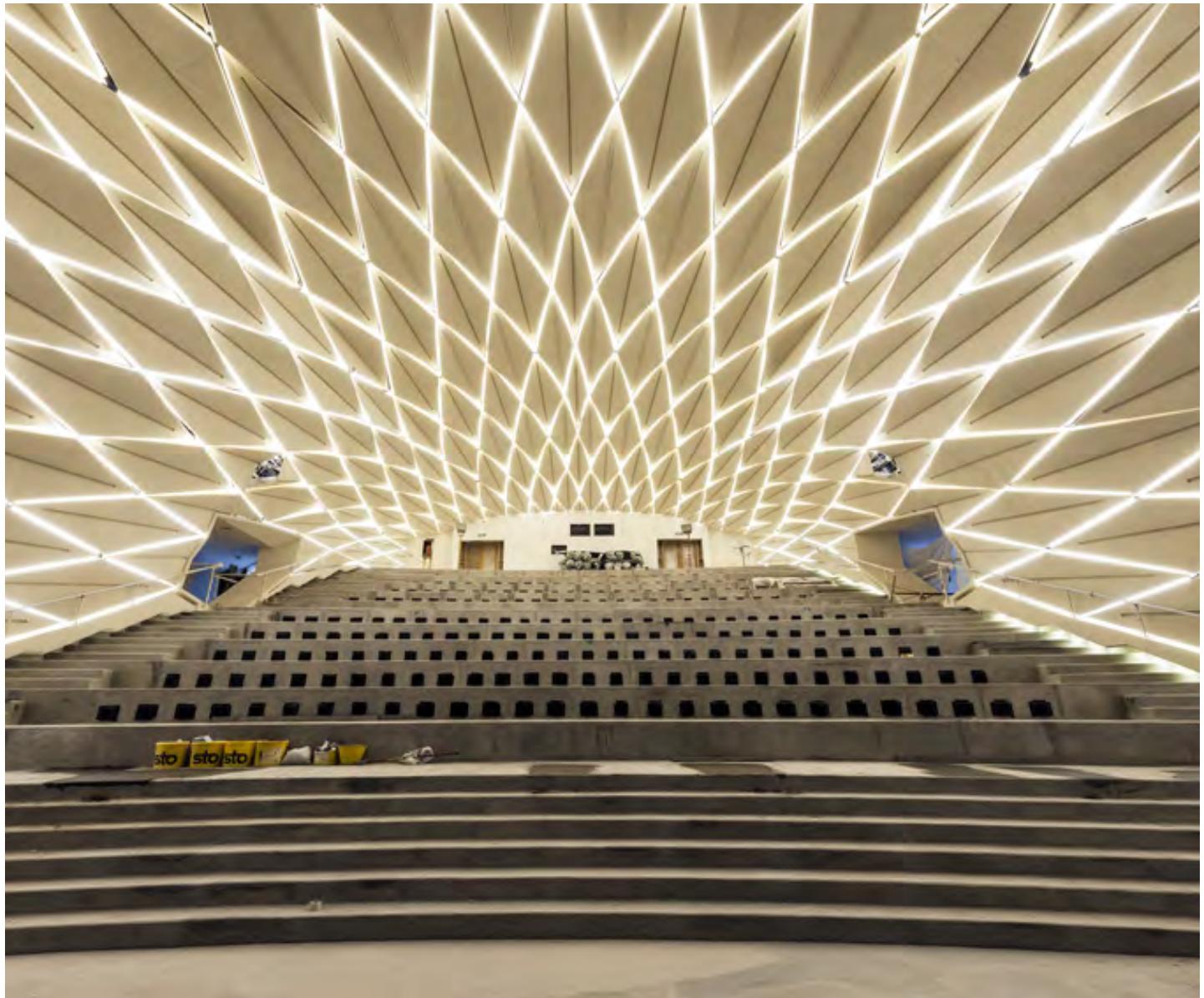


architecture
masterplanning
landscape
interiors

Location
Al Ain Wildlife Park & Resort,
UAE
Assignment
Competition 2007 -1st prize
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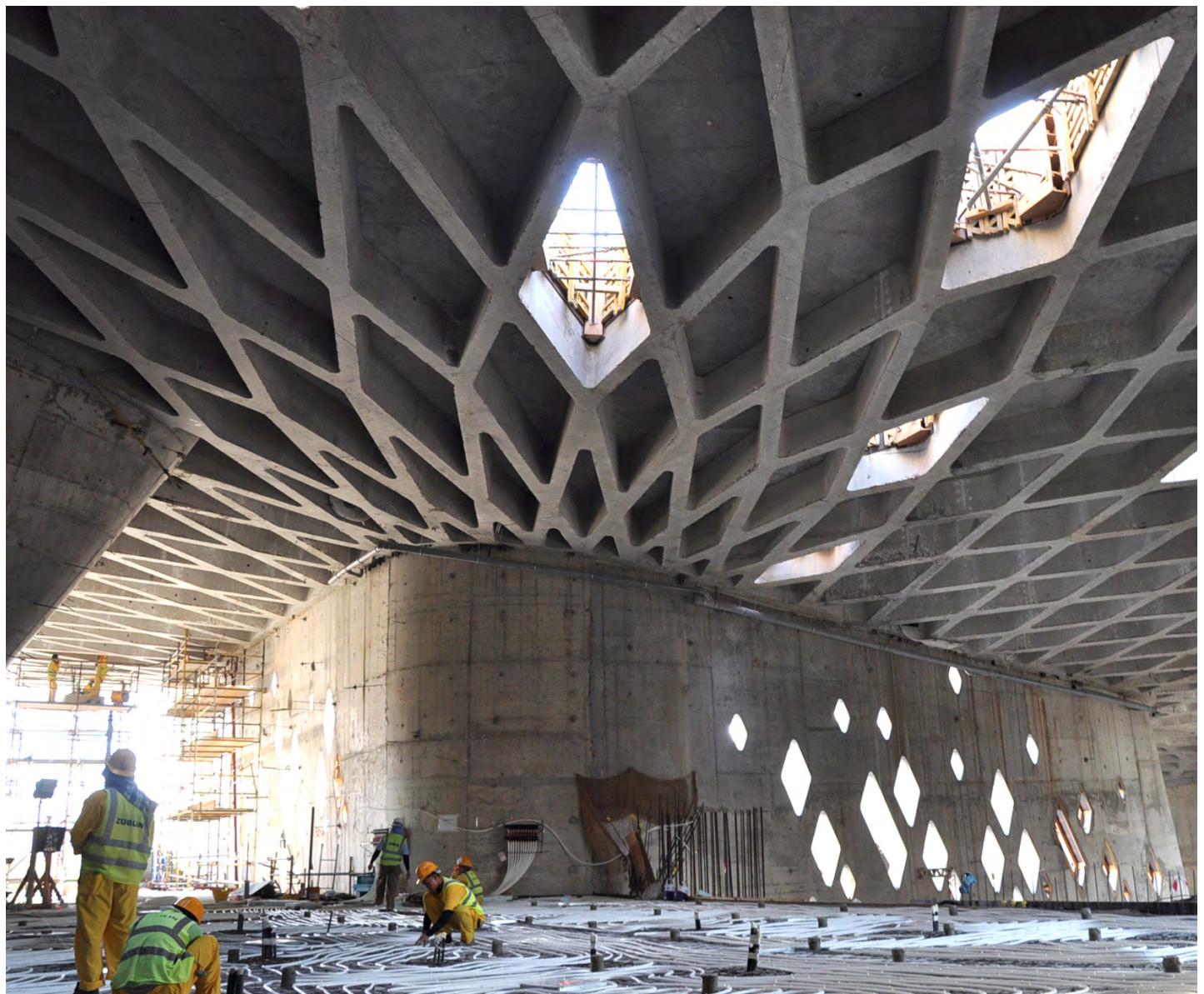
Sheikh Zayed Desert Learning Centre



The CAD generated parametric geometry of the cinema's wall and ceiling interior cladding offers a stunning canopy to the seating tiers. The panels are lit by LED strips enhancing thus their organic geometry.

Inverted ceiling view of the tube's ceiling showing the parametric geometry of its waffled rib structure.



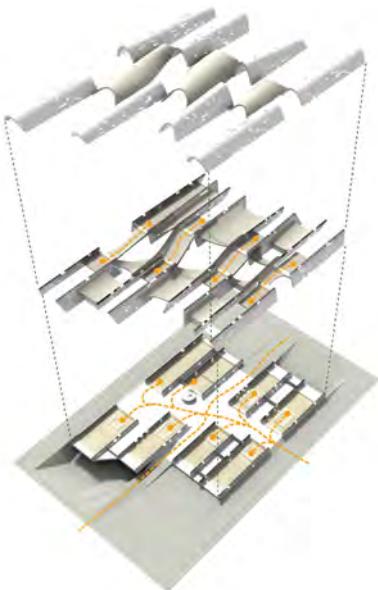


The waffle slab roof of the tube structure displays a parametric CAD generated geometry that follow the tube's outlines. Skylight, roof monitors and an array of windows facing the courtyard provide ample day light.

Built-up of the model

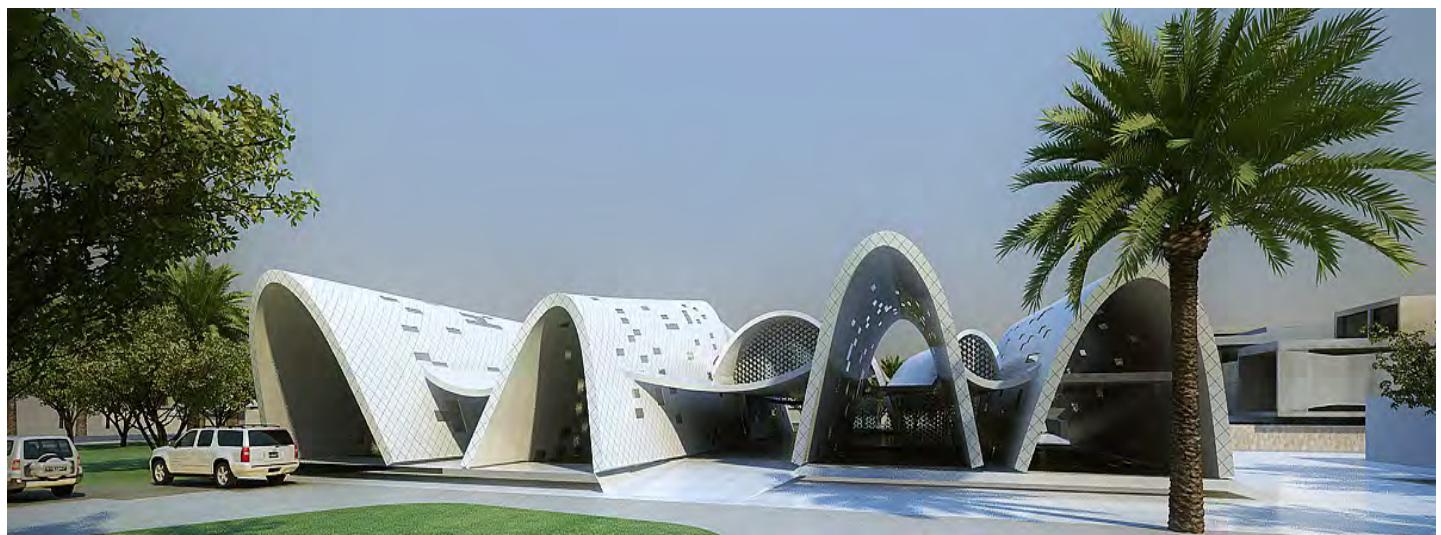
Public/Education

Kindergarten



Kindergarten's build-up
An ample transversal circulation hall connects all classrooms, multipurpose hall and the access to the garden. The four parallel parabolic barrel vaults are split into two halves which are offset by one bay allowing thus an even distribution of day light through the clearstory windows.

The feminine and soft parabolic barrel vault is the main feature of this Kindergarten which is situated amid rectangular shaped generated housing scheme. The building consists of a cluster of well proportioned units of different sizes and heights with cosy interior courtyards as well as interstitial spaces which create a transitional interface with the external gardens. Controlling daylight's intensity and anti-glare measures like translucent light in sky monitors are integrated with barrel vaults as well as *mashrabiya* (lattice) screens and stained glass create a magical and poetic atmosphere for the children.





Bird eye view

Each parabolic barrel vault houses a classroom, while two neighboring vaults share toilets and a small courtyard. The vault's catenary shape allows the thinnest possible shell structure. Light color reflective ceramic tile cladding and shaded glazing planes guarantee minimum heat gain.

Top view

In addition to the five small courtyards, the kindergarten possesses an expansive protected garden whose undulating edges provide niches for small groups.

Tourism/Gastronomy

Clubhouse



Anchored edge

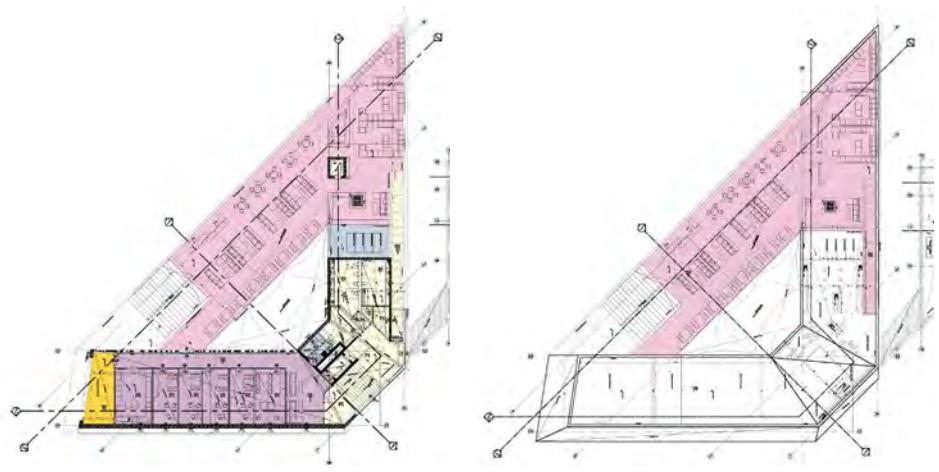
The club house's half-basement level houses the fitness club from which two sunken gardens with two pools are accessed.

Floorplans

Second and third level

Marking the edge

The club house follows the geometry of the triangular site which marks the edge of the development towards the safari park. The building spirals upwards around a trapezoidal courtyard creating platforms for a café, a fitness club and an assembly hall.



The triangular shaped building is generated by its hinge location between the safari and the housing cluster. The building will function initially as a sale centre and afterwards as a club house, fitness club, café and assembly hall. All outdoor spaces are shaded and offer the building a strong indoor and outdoor interaction. The small shaded triangular courtyard, the large spanned bridge construction of the hypotenuse of the triangular, the interior space continuum of different heights and levels, as well as the unique apertures which are generated from the structural stress lines present the building with an significance that marks it from its neighbouring rectangular shaped housing cluster.



Edge of the safari

One of the two fitness pools marks the edge of the development towards the safari.



Hovering platforms

While two edges of the triangular prism are anchored in the ground, the third edge is broken down to two cantilevering plates. The first functions as the terrace café

while the highest houses the restaurant with a viewing platform towards the safari.



Master plan development
The 250 single family houses, the orchard and the three public amenities, club house, mosque and kindergarten constitute a pilot project for Estidama neighborhood sustainability guidelines.

Location

Al Ain, UAE

Assignment: 2009

Gross Area: 4.500 m²

Client

AWPR, Al Ain Wildlife
Park & Resort

Start of Planning: 2009

Public

Mosque



Master plan development
The mosque and its precinct are situated at the centre of the development which is marked by a palm tree orchard. The mosque and its amenities are thus linked to the public spaces and the orchards

Hovering platforms
The spiraling planes of the roof defy gravity and allow diffused day light to flood the prayer hall.

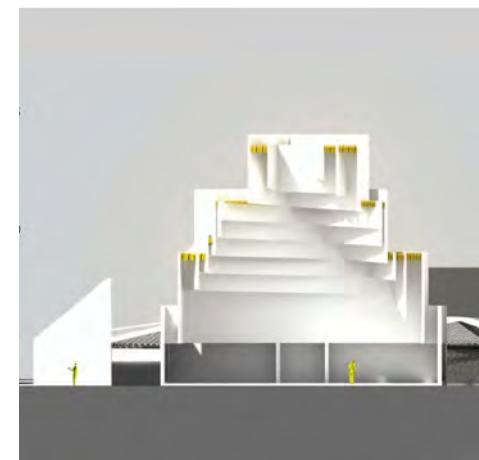


Ladies courtyard
The access to the ladies' prayer hall is accessed via the courtyard at the qibla wall.

A spiral of vertical planes creates amazing skylight configurations characterizes this 300 worshiper mosque. Inserted within a courtyard the mosque is surrounded by a public space which integrates communal facilities and its surrounding landscape making thus the complex as the pivot of the 250 dwelling development.



Spiraling within its precinct
Surrounded by a large courtyard and three smaller ones, the prayer hall is situated within a precinct which accommodates ancillary functions such as ablutions areas, toilets, shops, café and an imam's apartment. The prayer hall, its minaret and the precinct are merged together following a spiral scheme.



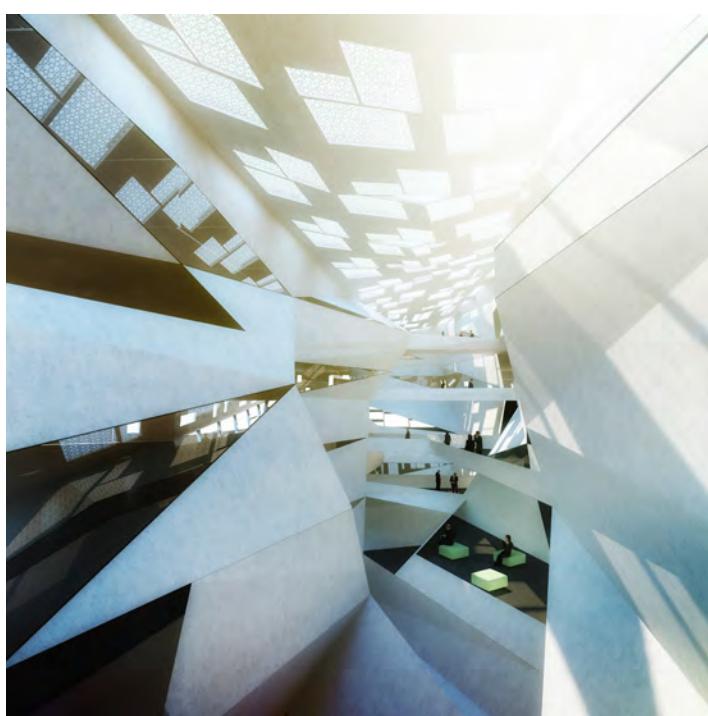
architecture
masterplanning
landscape
interiors

Location
Abu Dhabi, UAE
Client
Khalifa University

Assignment
Competition 2012

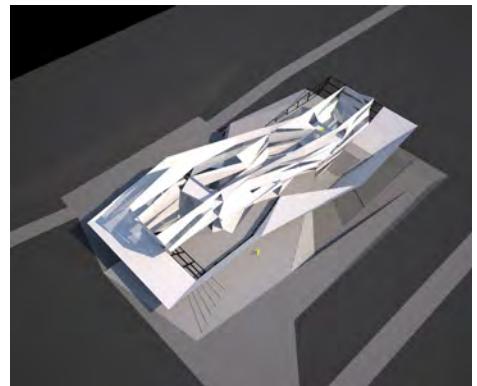
Institution/Office

Centre Technical Vocational Educational Training

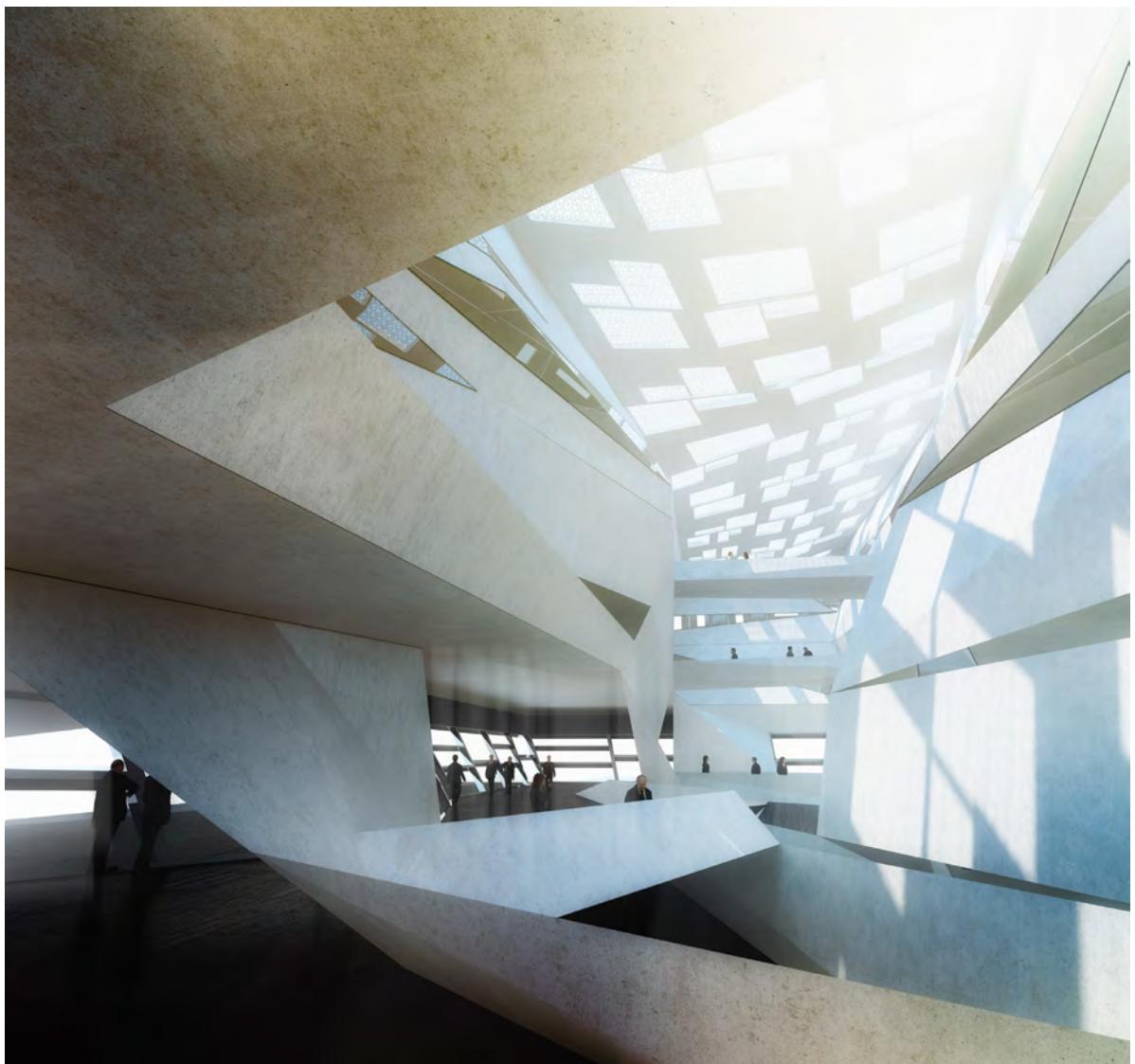


To offer an introvert environment in addition to the exterior building's envelope arises from the consideration that the presidency will remain a solitary building within a barren landscape till the university campus will be completed. The standard mall typology of an elongated covered courtyard which is flanked by floor plates is transformed to an iconic structure by shifting the building's directions, introducing cantilevering structures and split levels, as well as offering triangular balustrades to the courtyard void –instead of parallel ones. The impression of a canyon and the dynamic perspectives which emerge compensate the inhospitable surrounding.

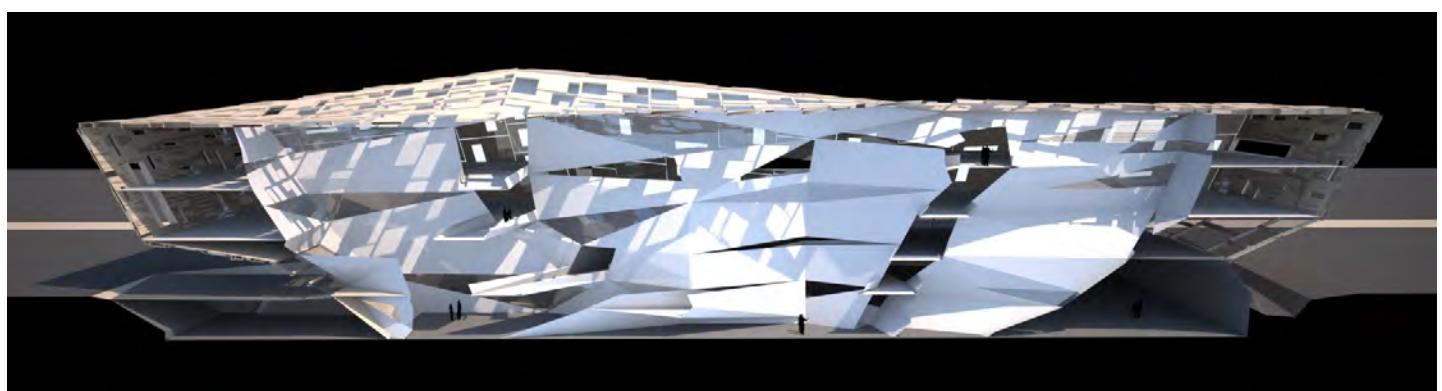
The building's base houses communal functions –such as lecture and exhibition halls and a cafeteria which are arranged along the interior garden at the foot of the gorge. The base is modeled as a landscape which is covered by large spans and cantilevers allowing thus opportunities of interface with the future surrounding landscape.



The standard mall typology of an elongated covered courtyard which is surrounded by floor plates is transformed to an iconic structure by introducing cantilevering structures, split levels, shifting the building's directions and offering triangular balustrades to the courtyard void –instead of parallel ones. The impression of a canyon and the dynamic perspectives which then emerge compensate the inhospitable surrounding. The aperture quantities and sizes for the four façades are adjusted according to the sun exposure.



Longitudinal section
The gorge is sky lit by a lattice of diffused and controlled day light.

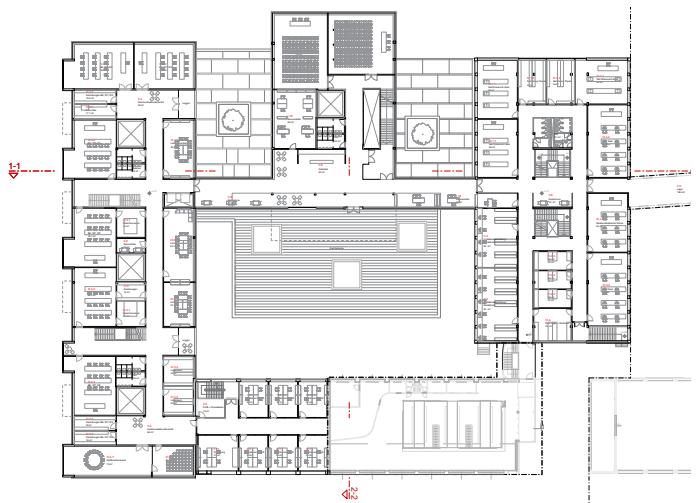


Education

Remodeling and Extension of a University Complex



An ample multipurpose hall and its roof terrace within a courtyard constitute the central element of a three winged lay-out which blends into an existing university complex from the 1970s. An array of modular but diverse functional clusters characterizes the lay-out permitting thus the required adaptability and flexibility for this institution.



architecture
masterplanning
landscape
interiors

Location
Salzburg, Austria
Client
Bundesimmobiliengesellschaft

Assignment
Competition 2013

Gross Area 3.000 m²



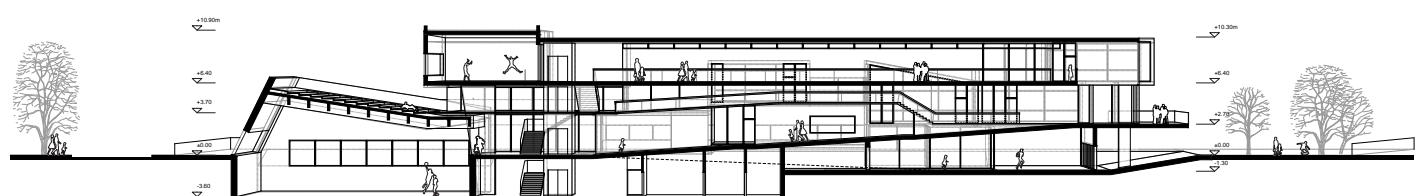
Education

Primary School

A dynamic longitudinal circulation area constitutes the central spine of a school building that is compressed within a narrow and long plot. Consisting of multilevelled corridors, ramps, stairs, voids and an elevator, the circulation space develops to the building's ambience in addition to the sheer functional connection at different levels of all the building's spaces such as the administration, ten classrooms, learning zones and a gymnasium hall. To compensate the minimal outdoor recreational spaces a significant area of rooftops are offered as outdoor spaces for recreation and learning purposes.



The dynamic central spine offers vistas to the surrounding



architecture
masterplanning
landscape
interiors

Location
Sidi Abdellah, Algeria

Assignment
Competition 2011 - 1st Prize

Gross Area: 21.000 m²

Client
Ministry of Client

Education

Q24 School Campus



Three schools are arranged in a wind-mill pattern so that an ample public square in front of them is created. The public realm is prolonged down-hill along a covered passageway which forms the access to the sports field terraces. While the classrooms of the primary school are organized around a central ample covered space, the secondary school is formed as a compact structure around a narrow longitudinal atrium. The three buildings display interactive facades with large loggias for passive natural ventilation and heat control.

The campus main axis, a pedestrian tree alley, runs perpendicular to the topography creating thus stairs and platforms



The primary school's school courtyard



architecture
masterplanning
landscape
interiors

Location
Perchtoldsdorf, Austria
Client
Amt der NÖ Landesregierung
Abt. Landeskrankenanstalten
und Landesheime

Assignment
Competition 2012

Gross Area 5.800m²



Education/Health Care

Medical & Social Center for Disabled Children



Intimacy of outdoor spaces

A porch creates the transition between a semi-private bay shaped garden with an interface to the public realm and an elliptical courtyard around which the circulation area and a multi-purpose hall are clustered.

Roof plan showing the relationship of the centre to its lush surrounding landscape. Each social unit is furnished with an outdoor loggia and domed assembly hall with skylight.

Clustered under one roof, the medical centre consists of modular units which cater to the special needs of different degrees of disability and age groups.

An elliptical courtyard, around which the main circulation areas and a multipurpose hall are arranged, creates a sense of enclosure and identification to the institution. Considering the need for a grading of the intimacy levels of outdoor spaces, the elliptical courtyard is connected to a porch - covered outdoor area - which leads to a bay shaped semi-private garden that creates the transition to the adjacent public green fields.



architecture
masterplanning
landscape
interiors

Location
Eisenstadt, Austria

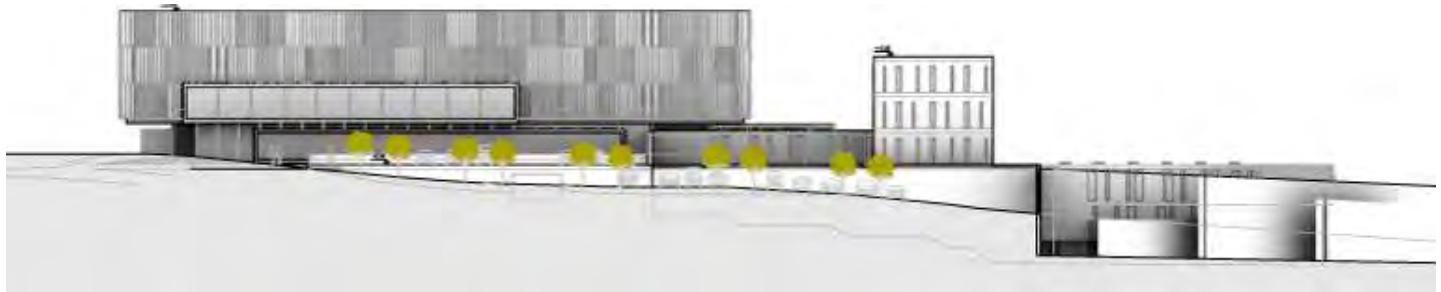
Assignment
Competition 2nd prize 2007

Gross Area: 17.000 m²

Client
Austrian Federal Real Estate
Company Bundes Immobilien
Gesellschaft

Public/Office

Court Centre and Detention Building



Longitudinal section showing the base-level as a plinth of the light structure



The competition brief calls for the extension of both an existing juridical court centre and a prison from the 1960s. The two juxtaposed existing buildings are complemented by two new buildings which dock to their corresponding functions. The new structures are located on top of an ancillary plinth which houses assembly halls, kitchen and workshops. The ensemble is also integrated with the descending topography. It creates a generous courtyard as well as a new urban plaza which marks the new and main entrance of the compound.

The plaza in front of the new entrance to the court center



Architecture
Masterplanning
Landscape
Interiors

Location
Ternitz, Austria

Assignment
Competition 3rd prize 2007

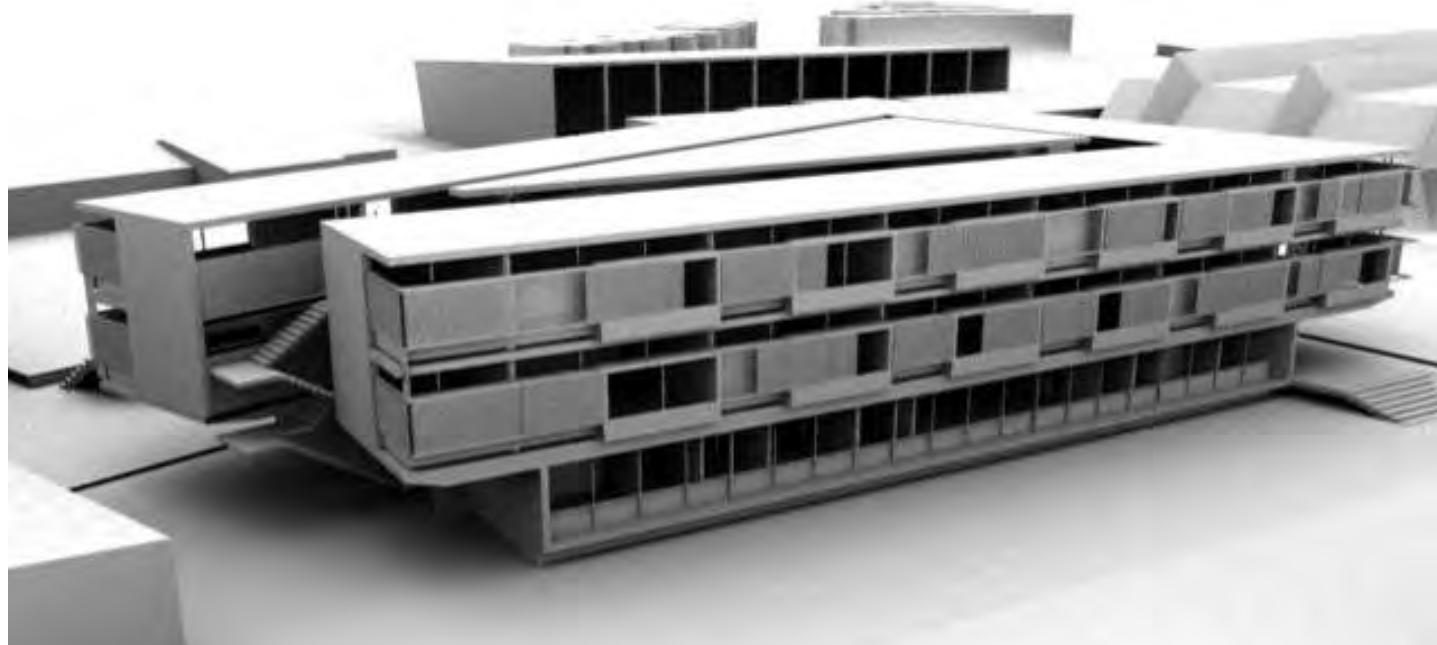
Gross Area 10.000m²

Client
Austrian Federal Real Estate
Company Bundes Immobilien
Gesellschaft

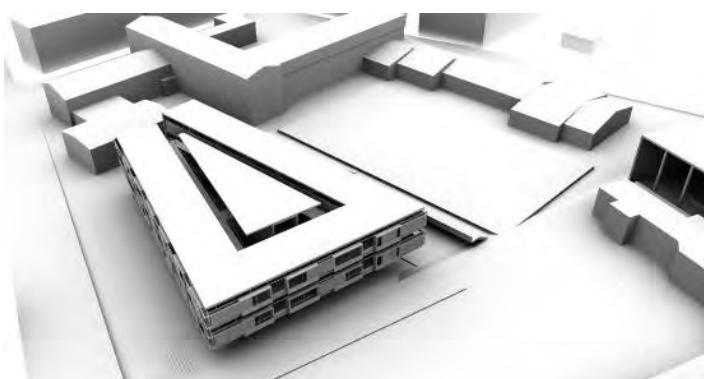


Education

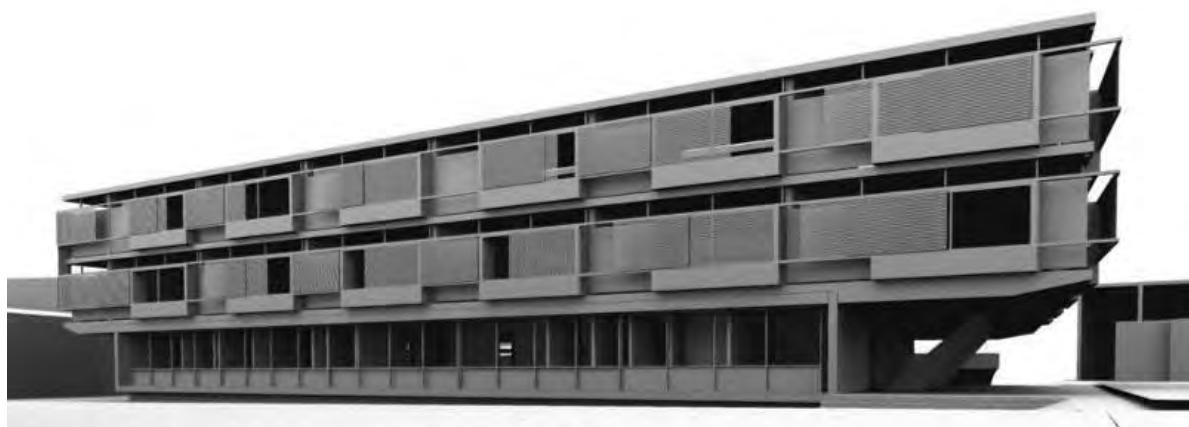
Secondary School



The dynamic space of the triangular covered interior courtyard supplement the surrounding rectangular sport fields



The 24 classes are organised around a central space which acts as the main assembly hall. The compact building is located at the edge of a campus of different school and sport buildings. The building is situated as such that it organises the outdoor sport and parking fields in a new order.



The combination of loggias, bay windows and movable exterior sun-shading louvers create a vivid façade

architecture
masterplanning
landscape
interiors

Location
Cologne, Germany
Client
City of Köln

Assignment
Design Competition 2011
Finalist

Gross Area:
41.000m²

Education/Institution

Central Archives and Art Library



Interior view
of the study
areas showing
the serene
effect of the
small façade's
apertures.

**Longitudinal
section**
Reading rooms,
open plan book
stacks, glazed
light wells and
open courtyard
offer a variety
of spatial
experiences

The dominant high security archive storage halls are located in the central part of the site which receives no daylight. They form the spine around which all spaces are laid out that require daylight or an interface with the public. The administration offices are clustered in pavilion units which interact with the library reading plateaus and the space continuum of book stacks. Funnel like open courtyards provide daylight to the offices and create sculptural highlights for the reading spaces. The facades facing the main road and the central park are hyperbolic parabolic surfaces with a network of small apertures.



Location
Vienna, Austria

Assignment
Feasibility Study 2011

Client
Austrian National Lottery



Commerce/ Gastronomy

Casino Austria



The light tectonic and transparency of the new structure counterbalance the classist masonry tectonic

The remodeling of a listed 19th century Viennese garden palace to a gambling casino, a high-end restaurant and festivities hall makes use of its unutilized basement floor and requires on top of that additional space which is housed in a one floor pavilion posed in front of the classicist palace' plinth. The prismatic, minimalistic steel and glass structure constitutes a contemporary translucent spatial layer to the old and interfaces perfectly with the palace' garden.



architecture
masterplanning
landscape
interiors

Location
Cairo, Egypt

Assignment
Competition finalist 2003

Gross Area: 300.000 m²

Client
Ministry of Culture
Egypt

Culture / Education

Grand Egyptian Museum



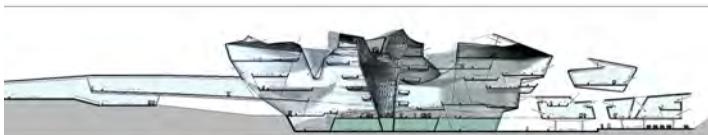
Two exhibition paths are offered to the visitor. A clockwise upward helix ramp is reserved for the temporary exhibition. And a larger counterclockwise helix for the permanent collection constitutes the main museum's program. Supplementary functions extend from both helices



The building is interpreted as part of the landscape eliminating thus the figure and ground dichotomy



The vicinity to the static Pyramids inspires the counterpart metaphor of a dynamic whirl shape. The swirl exists in all different scales in nature. It is found in desert dust storms as well as in interpretations of the Universe, echoing thus the cosmological symbol of the Pyramids. The visitors' movement within the compound is expressed in to spiral / helix concourses that lead to temporary, permanent and children's exhibition spaces as well as to a conference centre, research, restoration and administration facilities, IMAX cinema, library, arts and crafts workshops and market, as well as an array of open air and leisure parks.



architecture
masterplanning
landscape
interiors

Location
Eastern Province, Saudi
Arabia

Assignment
Competition 2011 - first prize

Client
United Nations
Ministry of Environment



Tourism and Gastronomy

Badiya Nature Center



The design echoes the desert's sand and the winds which shape the ever changing dunes and evokes the scarcity of water, the stellar and lunar cosmos of its night sky. The spiral arrangement of dunes and berms, defines the landscape and generates the building's geometry and gestalt. The landscape's depressions and elevations are not only meant to shape re-vegetation fields but also to collect and retain as much rain water as possible. The building's shape is inspired by tectonic formations which are encountered in arid areas. It is a "torus" which rotates around a central "funnel-like" courtyard. As a response to the desert's boundless vastness as well as for security and management purposes, the precinct is defined within distinct boundaries which also reflect the archetypal human behavior of being as much attracted to a center as to its periphery.



architecture
masterplanning
landscape
interiors

Location
Dubai, UAE

Assignment
Concept

Gross Area: 3.000 m²

Client
Manazel

Master Planning/Tourism and Gastronomy

Desert Rose Hotel

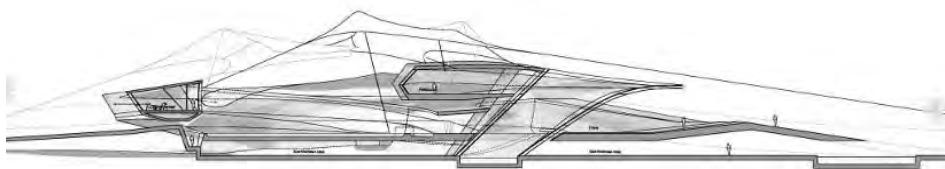


The proposal is for a luxury desert resort and spa experience. The dynamic swirl metaphor inspires and organizes the masterplan, a cluster of individual tensile suite dwellings set amongst the dunes that branch towards and culminate in the central resort facility. The main theme culminates in the main building where movement occurs on a Moebius band concourse where spaces containing the reception, foyer, restaurants, kitchens, and spa areas are incorporated.



The sweeping curved mass hovers above the berm which leads to the main entrance

One of the two courtyards which engulfs a water feature is covered by a tensile structure



architecture
masterplanning
landscape
interiors

Location
Vienna, Austria
Client
Velux Austria

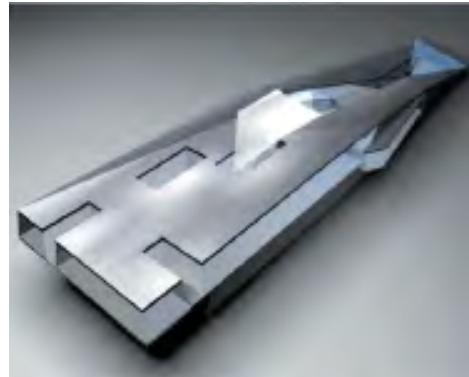
Assignment
Competition 2nd prize 2003

Gross Area 3.500m²
Cost
5,2 mil.Euro



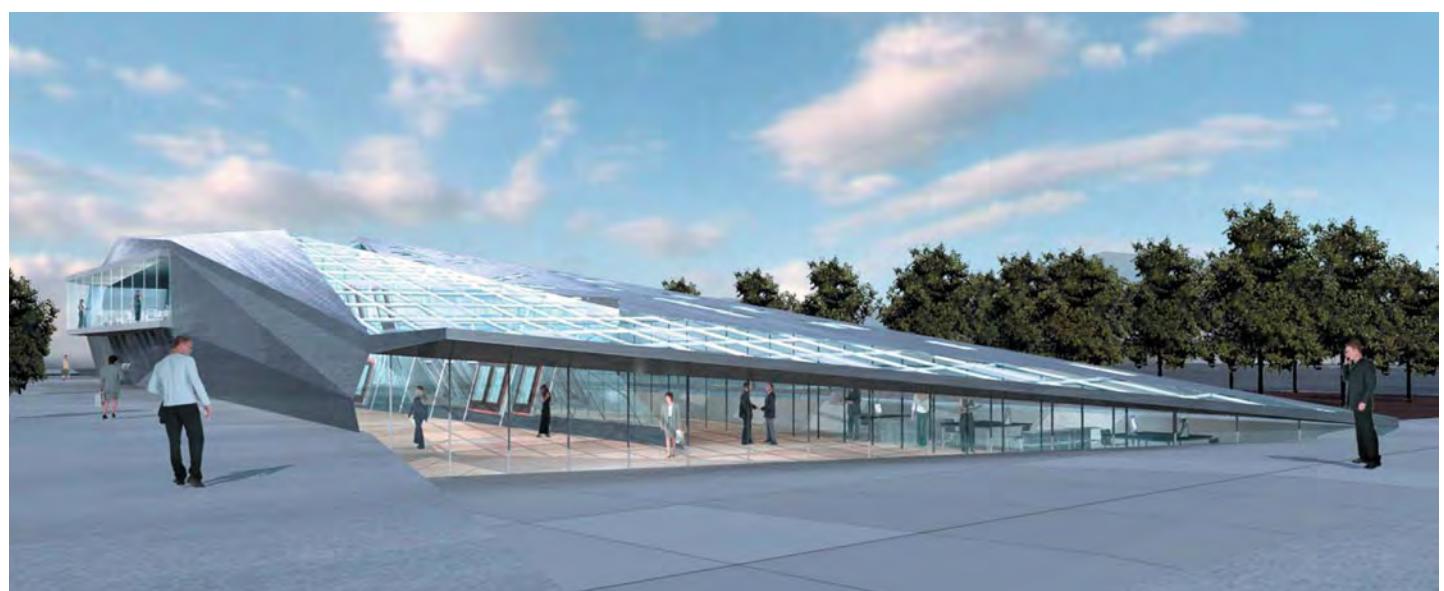
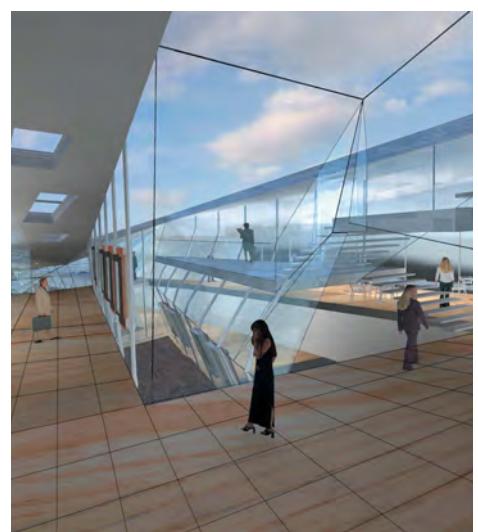
Commerce /Industry

Blue Sky Velux



The oblique shape gives the roof window/skylights products company a corporate identity and a stark landmark in a suburban industrial park outside Vienna. The sloped roof of the entrance and exhibition hall is incised by a glass prism that creates interior and exterior slanted areas which exhibit VELUX skylight products. A series of terraced platforms under a grand roof punctuated by VELUX skylights accommodate training, conference, lecture, cafeteria spaces and the sales and administration areas.

The main circulation area and cafeteria on the first floor are clustered around the inward looking courtyard which constitutes a focal point in an unattractive industrial neighborhood



Retail

Kaufhaus Tirol



View from a side street facing a part of the department store's façade

Innsbruck's main high street runs through a typical 19th century block urban fabric which consists of plots of an average of 22 meter width. The new department store's façade demonstrates though a tectonic of a perforated fabric exposing the main circulations to the public realm, is yet broken down into three parts reminiscent of the fact that it is occupying three adjacent plots.



architecture
masterplanning
landscape
interiors

Location
Regensburg, Germany

Assignment
Competition 2013

Gross area: 12.500 m²

Client
City of Regensburg



Public/Culture/Gastronomy

Museum of Bavarian History

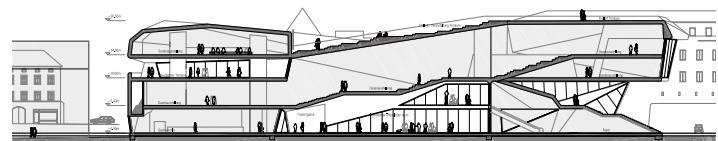


The museum's main entrance is flanked by a flight of stairs which lead to a café and to a roof terrace which can be used for open air events.



The terraced plateaus of the permanent collection

The museum's program which consists predominantly of permanent and temporary exhibition spaces is broken up into two intertwining volumes. Their scissor arrangement creates a covered urban plaza which connects the mediaeval city's street network to the Danube river front. The museum's Danube façade displays a "Janus head" significance offering upstream and downstream two readings. The building's emphasis for the oblique direction constitutes a stark contrast to the UNESCO world heritage urban fabric.



architecture
masterplanning
landscape
interiors

Location
Erl, Tyrol, Austria

Assignment
Invited Competition Finalist
2008

Gross Area: 18.000 m²

Client
Passionsspielverein Erl

Culture

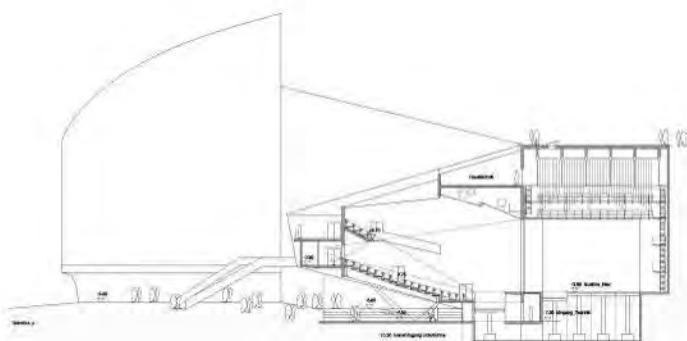
Winter Festival Hall



The oblique new structure relates to the surrounding mountains and sets a counterpart to the spiraling curved existing building

The oblique roof conceals the stage tower evokes a ramp to the mountains

The horseshoe foyers which connect both halls offer south facing outdoor terraces



A new opera hall and ancillary facilities are to be integrated with an existing theatre building from the 1960s in an Alpine setting. The horse-shoe extension forms a horizontal continuation and accentuation to the existing pivoting vertical structure. It further engulfs the surrounding topography and creates outdoor courtyards and terraces.

architecture
masterplanning
landscape
interiors

Location
Iraqi Marshes, Iraq

Assignment
Competition 2nd prize 2005

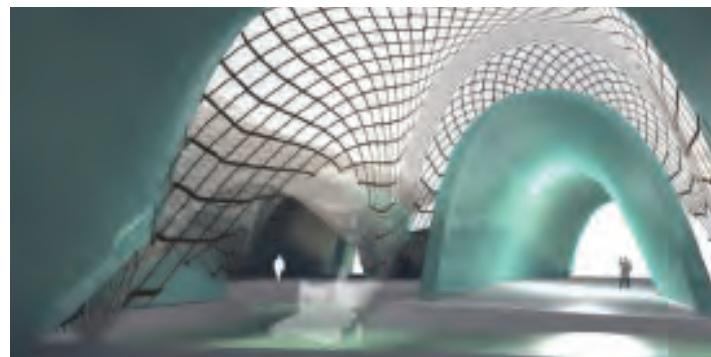
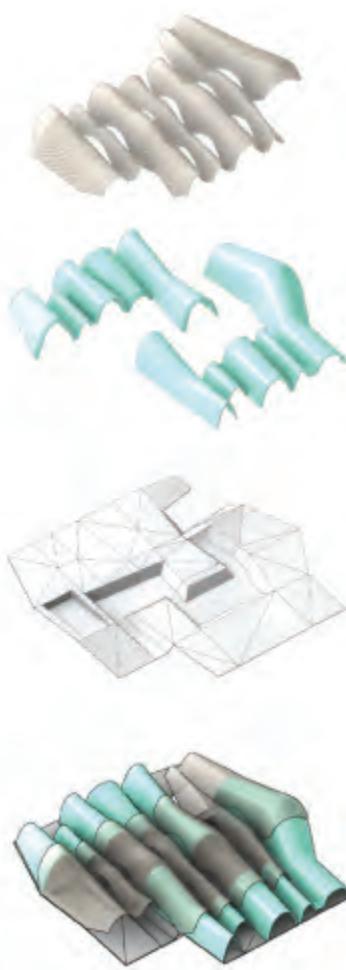
Gross Area 6.000m²

Client
The Ministry of Culture, Iraq



Culture / Education

Museum and Research Compound



The watercourse
The main circulation path within the building, winds through the building

Main entrance
Modern interpretation of local traditional reed barrel vaults.



An array of barrel vaults incorporates a variety of functions for visitors and researchers such as open-air theatre, café, multipurpose hall, shop, exhibition spaces and laboratories. The compound's main concourse is a shaded and naturally ventilated meandering channel which forms a part of a larger web of canoe waterways within the Marsh area.



architecture
masterplanning
landscape
interiors

Location
Neumarkt, Germany

Assignment
Competition Finalist 2004

Gross Area: 10.000 m²

Client
City of Neumarkt

Public/Culture/Education

Conference Centre-Theatre



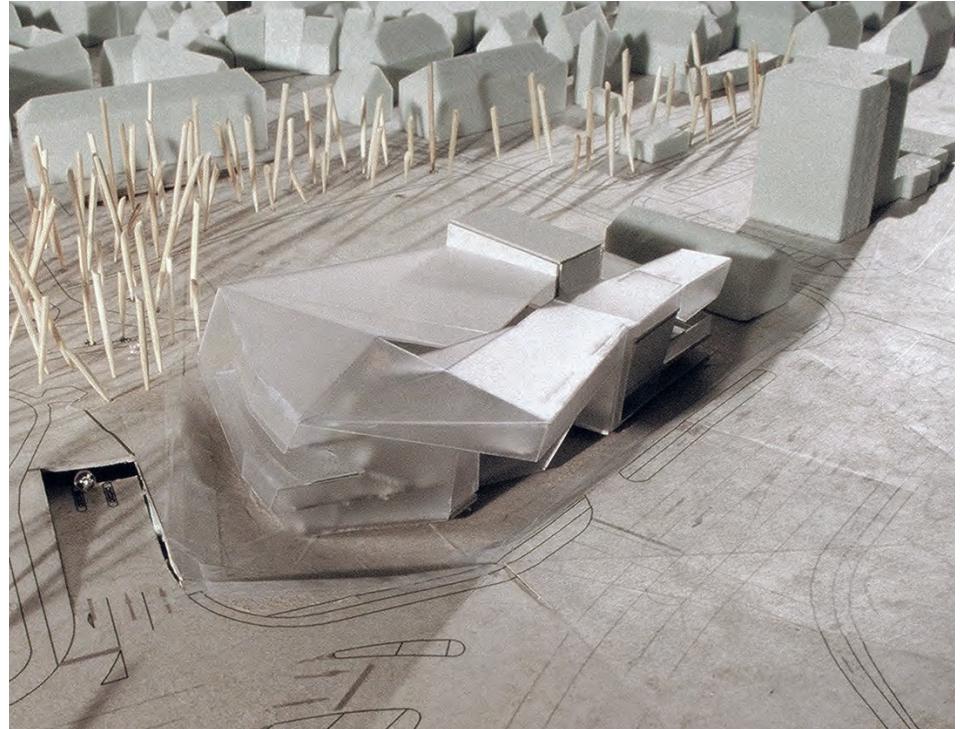
Longitudinal section showing the relationship of the building to the park

A space continuum of foyers, restaurant and outdoor café surrounds the closed 1,000 seat hall while fanning out to integrate the surrounding park into the building. The sloped roof connects the park to a visitors viewing platform that conceals the stage tower.

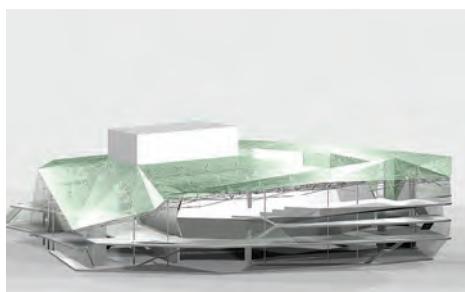


The roof terrace facing a stump of the stage tower

The foyers wrap the hall and offer spill-over spaces



The triangular faceting of the building mass lessens the building's bulk and its visual impact in the sparsely dense town



architecture
masterplanning
landscape
interiors

Location
Abu Dhabi, UAE

Client
The American Community
School of Abu Dhabi

Assignment
Competition 2009

Gross Area 24.000m²



Education

American Community School



Maximizing the area of contiguous sport fields has been the main concern in arranging the space program within an irregular plot geometry. The assembly and collective functions of the brief are aligned as a “central spine” across the site. Those functions which need to be on the ground floor, such as indoor gymnasium, swimming pool, theatre and cafeteria, are arrayed within a plinth which is located in a close spatial relationship to the sports field. On festive occasions where a strong interaction between indoor and outdoor activities is needed, the sport fields function as an “agora”.

View to the assembly hall passing by the outdoor pool

The gymnasium is partially below grade and its roof functions as a plaza that connects to the swimming pool



The optimal use of the plot geometry allowing Olympic size sports field

Cultural

Open Air Festival Römersteinbruch



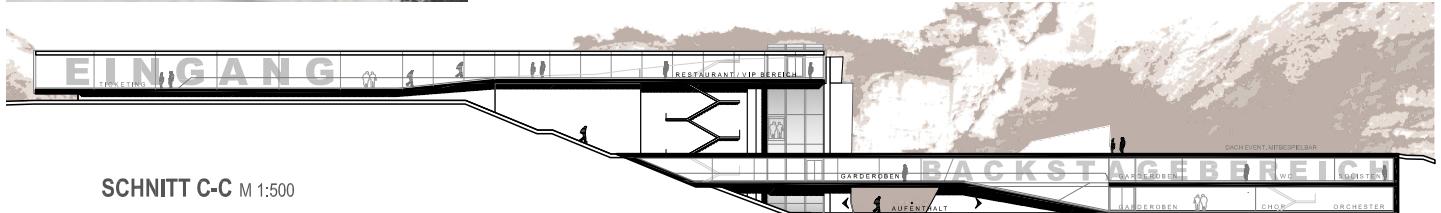
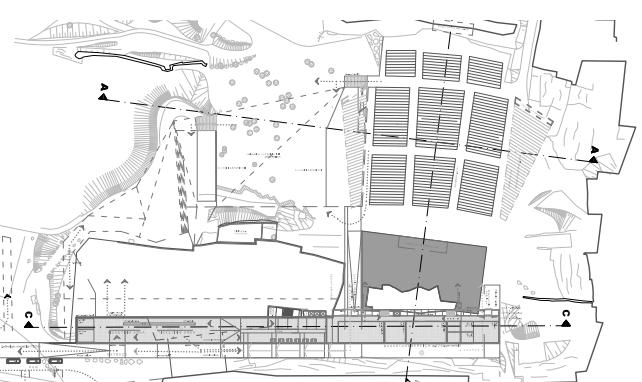
The Roman stone quarry commands a spectacular view to a neighboring lake and its cliff has been serving since the Middle Ages as a backdrop to open air summer festivals. Additional supporting functions for the back-of house and spectators are housed in three lightweight steel and glass longitudinal prismatic structures which are introduced to the natural setting at different heights



Manmade and nature
The massive natural cliff poses the best backdrop to the stage. The intervention is limited to rectangular thin and narrow slabs that complement the natural setting.

Hovering units emphasize the depth and verticality of the natural setting.

Floor plan and section showing the intervention and the contrast between the natural and the artificial.



architecture
masterplanning
landscape
interiors

Location
St. Pölten, Austria

Assignment
Invited Competition 2007 -
2nd Prize

Gross Area 800m²

Client
NÖ Verwaltungszentrum
Verwertungsgesellschaft
G.m.b.H.



Public/Cultural

Entrance NÖ Landesmuseum



The sloped or oblique roof allows a mezzanine level and emphasizes the entrance and its relationship to the vertical circulation



Longitudinal section through the pavilion showing the connection to the garage

The pavilion is an extension to an introvert museum which lacks a public interface with the large plaza facing it. The slim glass pavilion provides a direct access to the underground garage and introduces the functions of a restaurant and a museum's retail. By docking the new pavilion to the existing structure through one central connection path while keeping a setback of 5 meters, two intimate outdoor courtyards are thus created. The sweeping roof of the extension marks the main entrance and leads to the least animated part of the plaza.



architecture
masterplanning
landscape
interiors

Location
Vienna, Austria

Assignment
Competition 3rd prize 2004

Gross Area 25.000m²

Client ÖBB - Austrian Federal
Railways Corporation

Office

ÖBB Head Office



The X shaped building type creates a free standing structure on a trapezoid plot located at the intersection of two radiating roads adjacent to a Baroque round-about. A public plaza, a shopping centre and a café form the plinth of the eight storey office space. The chosen typology offers optimum lighting for the maximum office space area as well as efficient circulation.

architecture
masterplanning
landscape
interiors

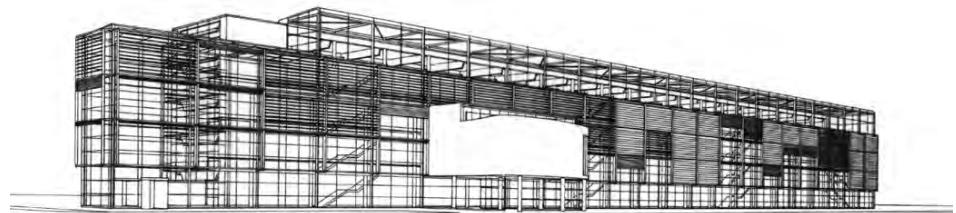
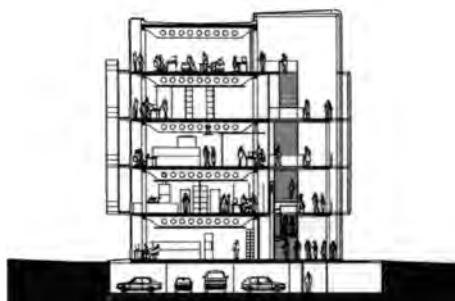
Location
Vienna, Austria

Assignment
Competition Finalist 1993



Healthcare / Education

Biochemical Laboratory Building



This longitudinal scheme proposes a south facing winter garden which functions as the primary main circulation zone in order to foster communication among the users. Juxtaposed to it is a flexible, 12 m deep, open - plan working area. The delivery of the biochemical samples, a lecture hall and a cafeteria are incorporated into a free-form pavilion.

The south facing winter garden creates a communication zone and offers a sound barrier to the adjacent motorway

architecture
masterplanning
landscape
interiors

Location
Vienna, Austria

Assignment
Competition Finalist 1998

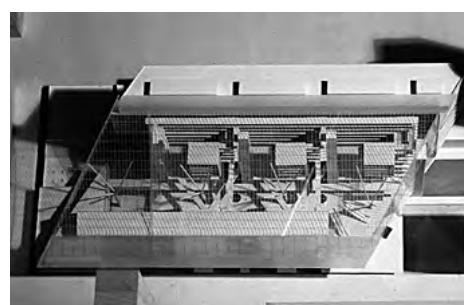
Cross section depicts the arrangements of spaces according to their need for day light, ceiling height and their interaction with each other. High ceiling and heavy duty laboratories are clustered in the lower areas of the site.

Office

Mechanical Engineering Faculty



To compensate for its unanimated, neo-urban context, an interior Agora containing such public functions as a cafeteria, lecture halls and studios, is laid out under a tilted glass roof. The rhomboid plan is a formal response to the site's setbacks requirements. Spacious, loft-like laboratories, high enough to allow drive-in deliveries, occupy the base of the terraced lay-out, while spaces for academic departments are contained within the longer bar which closes the thick end of the wedge.



The iconic rhombic footprint and roof are generated by urban vistas and constraints due to sun exposure for the neighboring buildings

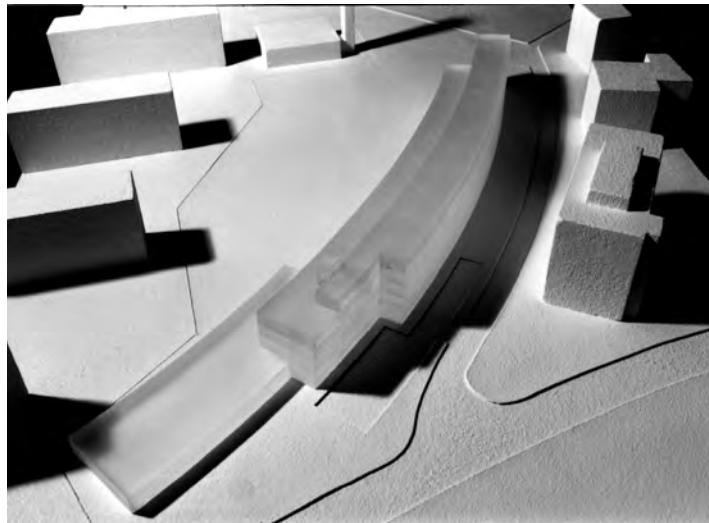
architecture
masterplanning
landscape
interiors

Location
Linz, Austria

Assignment
Competition Finalist 1994

Health Care

House for the Elderly



The curved building defines the public park



Situated on the edge of the available site, the scheme derives its curved form from the bow of its access road. The patients' rooms and a roof terrace are oriented to a garden that adjoins the interstitial, open spaces between the housing blocks.

architecture
masterplanning
landscape
interiors

Location
Klagenfurt, Austria

Assignment
Competition Finalist 1996

Master Planning/Residential

Residential Development

The proposal foresees the redevelopment of a 4.5 hectare large abandoned industrial area in the suburbs of Klagenfurt. A six story tall multi-functional slab anchors the northern edge of the site. The remaining area is carpeted by a south oriented, high-density housing in modular units of three and four stories, which consist of a mixture of duplex types, single-loaded gallery access units and home /work apartments.



Two and partially three story carpet housing consisting of various sizes of modular units which benefit from an optimal exposure to day-light and roof terraces

architecture
masterplanning
landscape
interiors

Location
Vienna, Austria

Assignment
Competition Finalist 1995

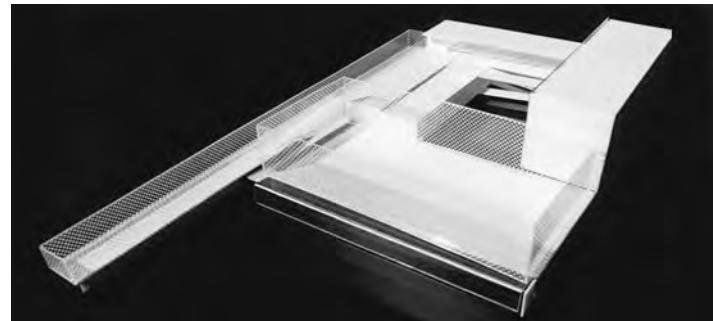


Education

Kindergarten and Primary School

The periphery offers the opportunity to invert the normative school layout. Open-air sport facilities occupy the foreground while classrooms are placed in the background. The staggered masses of the scheme, organized around a courtyard in a spiraling, "wind mill" layout with ramps and generous, sunny terraces, offers a stimulating environment for children.

Chain link fenced sports field on the roof of the gymnasium hall.



The 120m long elevated running track define the building to the public realm and serves as an entrance porch

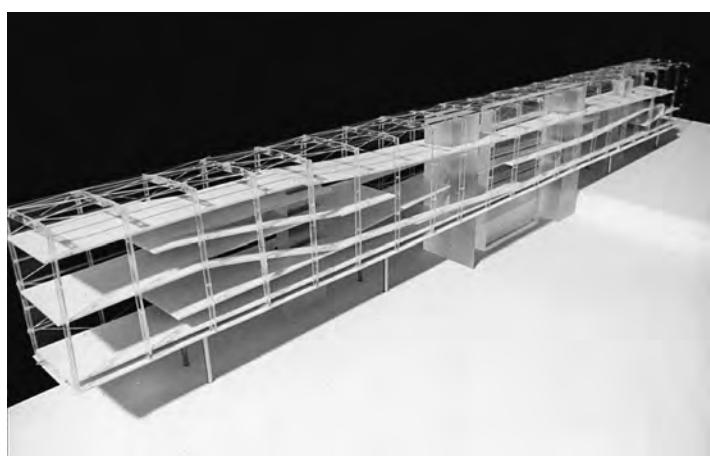
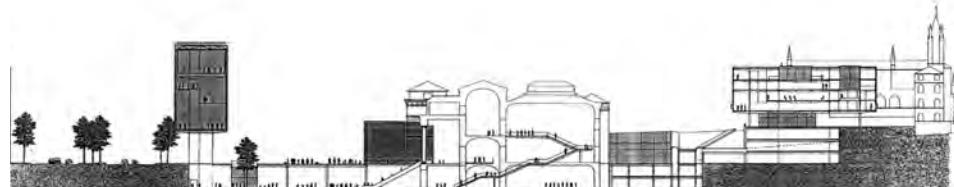
architecture
masterplanning
landscape
interiors

Location
Madrid, Spain

Assignment
Competition 1996

Cultural

Prado Museum



The free standing slab in the middle of the 19th century parkway keeps the original pavilion character of the classical building

An expressive longitudinal slab is proposed as an autonomous extension to the classical Prado museum. Its circulation system is based on a series of ramps that provide public access to art storage, cafe, exterior views, outdoor terraces and spaces for multi-media presentations. The entrance, located in the urban plaza between the two buildings, is a glass pavilion that leads to an underground foyer connecting the two buildings.



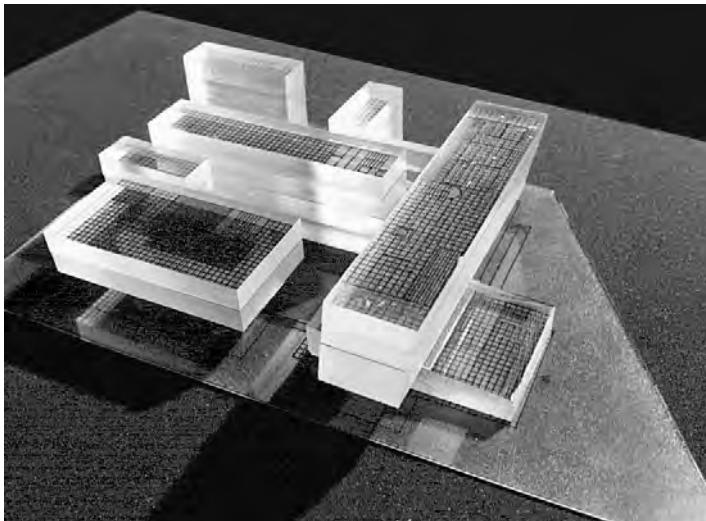
architecture
masterplanning
landscape
interiors

Location
Berlin, Germany

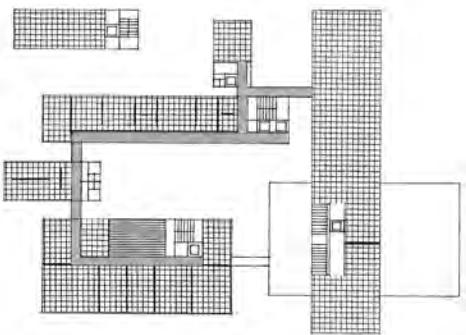
Assignment
Competition 1995

Administrative

Austrian Embassy



A cluster of interconnected pavilions in a park proposes a new typology for an embassy, in which each function sector - Consulate, Attachés, Ambassador's residence, apartments for the personnel - is contained in an individual building.



The cluster of pavilions offers an optimal fenestration and animated, green interstitial spaces

architecture
masterplanning
landscape
interiors

Location
Telfs, Austria

Assignment
Competition Finalist 1996

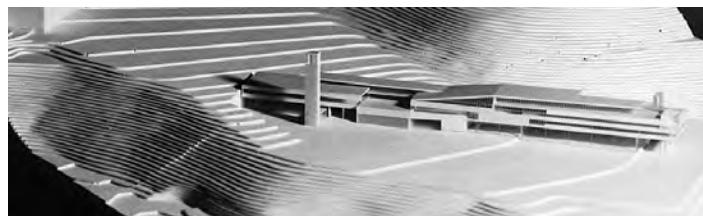
Infrastructure Education

Fire School and Department



The plasticity of the scheme is a product of the compression of various functions with different floor heights and spatial character - garages, storage, workshops, lecture halls, rooms for practical training, cafeteria, administration offices and a dormitory - into one longitudinal slab. This linear, low rise configuration contrasts its alpine context while providing the building an urban significance and usable outdoor space.

Longitudinal section depicts the arrangement of spaces of different heights and proportions within one building



The relationship of the man-made building and nature

architecture
masterplanning
landscape
interiors

Location
Vienna, Austria



Sport

Indoor Swimming Pool



Man-made architecture accentuates the natural setting

The periphery offers the opportunity to invert the normative school layout. Open-air sport facilities occupy the foreground while classrooms are placed in the background. The staggered masses of the scheme, organized around a courtyard in a spiraling, "wind mill" layout with ramps and generous, sunny terraces, offers a stimulating environment for children.

architecture
masterplanning
landscape
interiors

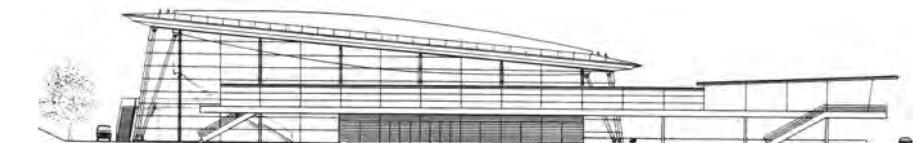
Location
Dornbirn, Austria

Assignment
Competition Finalist 1993

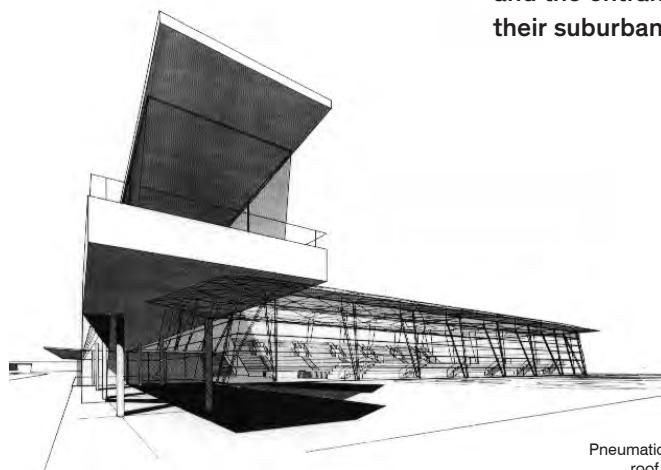
Sport

Ice Hockey Rink

The entrance pavilion defines both the outdoor and indoor ice rinks in relation to the public space



The asymmetrical arrangement of the seating tiers was developed to exploit the qualities of the site in order to connect the indoor and outdoor ice rinks and provide greater opportunities for warm weather usage. The titled pneumatic roof and the entrance pavilion on pilotis are a reaction to the constructive clutter of their suburban surroundings.



Pneumatic cushion roof structure



Industry / Corporate

Hoerbiger Headquarters and Production Hall



The spatial integration of various functions such as the vast production floor, Research & Development unit, products' exhibition, restaurant and all office spaces reflects an inclusive corporate philosophy. Four courtyards compensate the lack of recreational open spaces in the immediate vicinity of the precinct. The five storey office bloc marks the presence of the precinct in the sub-urban context. The factory's roof structure guarantees an even distribution of day light while the walls offer view to the surrounding.



Longitudinal section through the production hall showing the factory's differentiated floor height, daylight illumination, and recreational courtyards. The office block and its vertical circulation are situated at the junction of the parking with the public functions which comprise of Research & Development, products' exhibition and restaurant.



architecture
masterplanning
landscape
interiors

Location
Salzburg, Austria

Client
Austrian Motorway
Maintenance Association

Assignment
Competition 2011



Industrial/Infrastructure

Austrian Motorway Maintenance Association Workshop

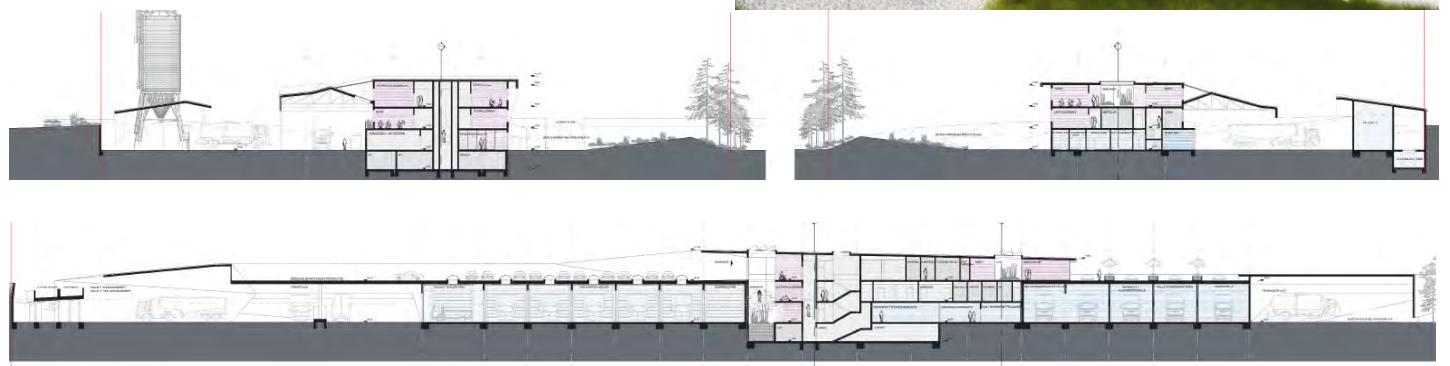


The staff's parking on the roof of the trucks' garages and workshops animates the building's fifth façade. Employees access the building from the roof while the ground level is reserved for trucks. Folded and triangular roof surfaces merge the transitions of various floor heights and enforce the uniform mega-structure shape.

The longitudinal mega-structure acts as a bridge within a landscape of elevated highways and ramps.

North view of the mega-structure showing gas station and entrances to the garages.

Located within a depressed trapezoid shaped residual plot at a motorway knot, the truck garages and maintenance warehouses are consolidated within one longitudinal block. It occupies effectively the least valuable portion of the site while it keeps its best part as a virgin green land that could be used for future expansion. The building tablet creates a bridge-like parking deck and a plinth for the office floors.





Master Planning Residential Projects

Chalabi Architekten und Partner ZT GmbH (CAP)

Education/Masterplanning

Soran Green University Campus

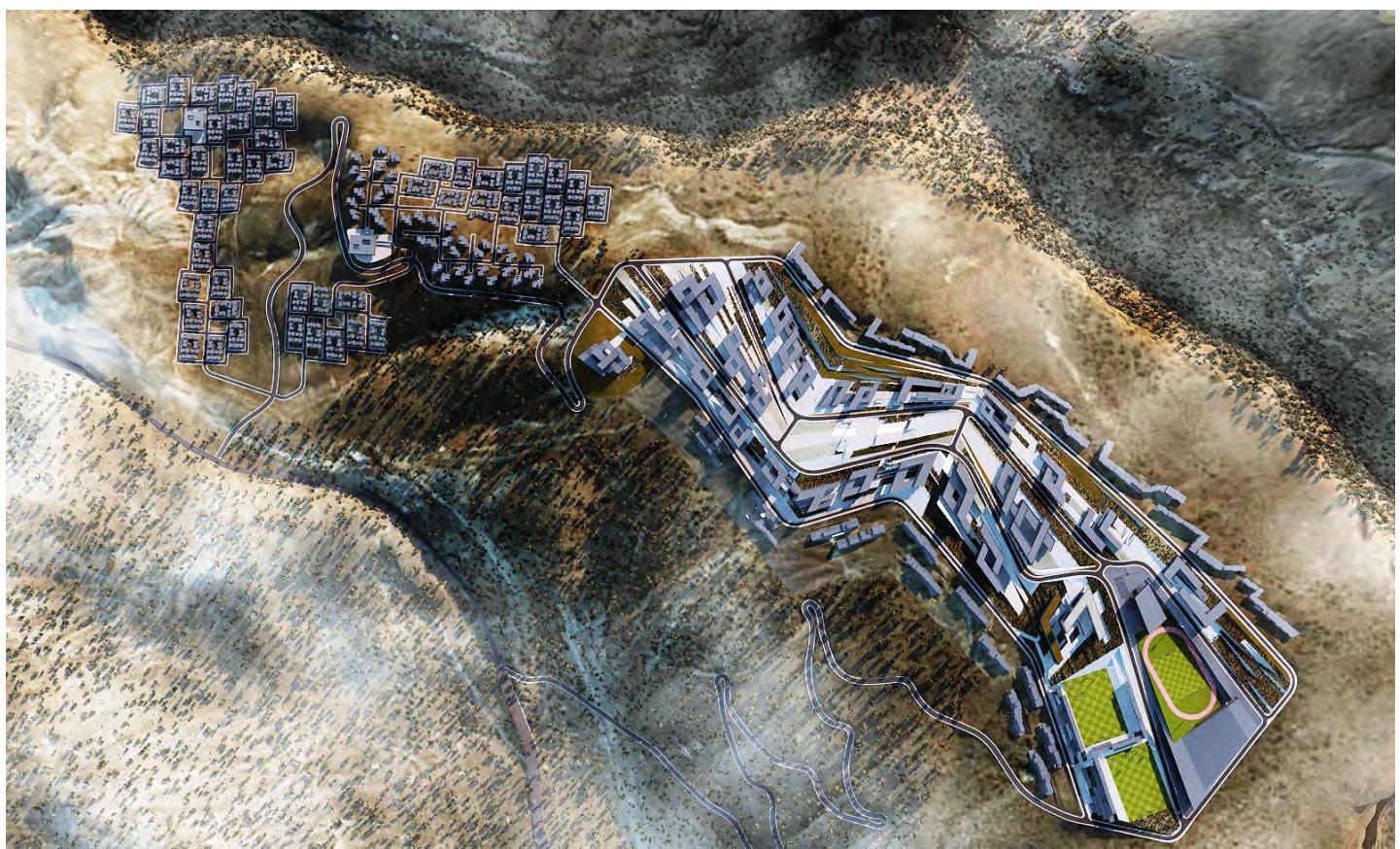


Panorama of the plateau on which the campus will be located with a view to its magnificent gorge

The current Soran University shall be relocated to a new campus on a plateau adjacent to a deep canyon overlooking the city of Soran. The new campus masterplan will be constructed on a site of 365ha and will be developed in four phases. Once completed the campus will consist of 6 Faculties, 2 Learning Centers, a Student Center, a Festival Hall, a Sports Hall, the Administrative Building and a Hotel. The new university campus is intended for 14.000 prospective students and 2.000 staff where 50% of the students will be housed on campus and all the staff will live in a residential neighborhood which is included in the masterplan. The design responds to the dramatic site and its

Top view

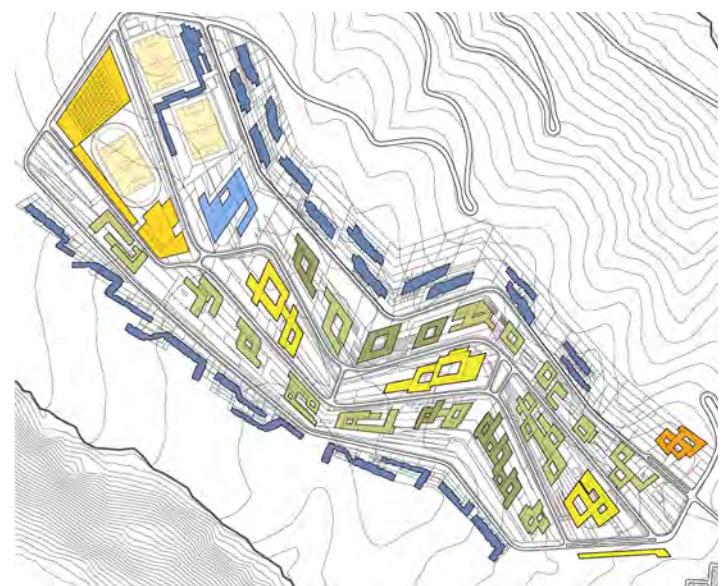
The campus' undulating geometry reflects the natural contours of the high plateau. The residential part is located in the lower elevations of the terrain .





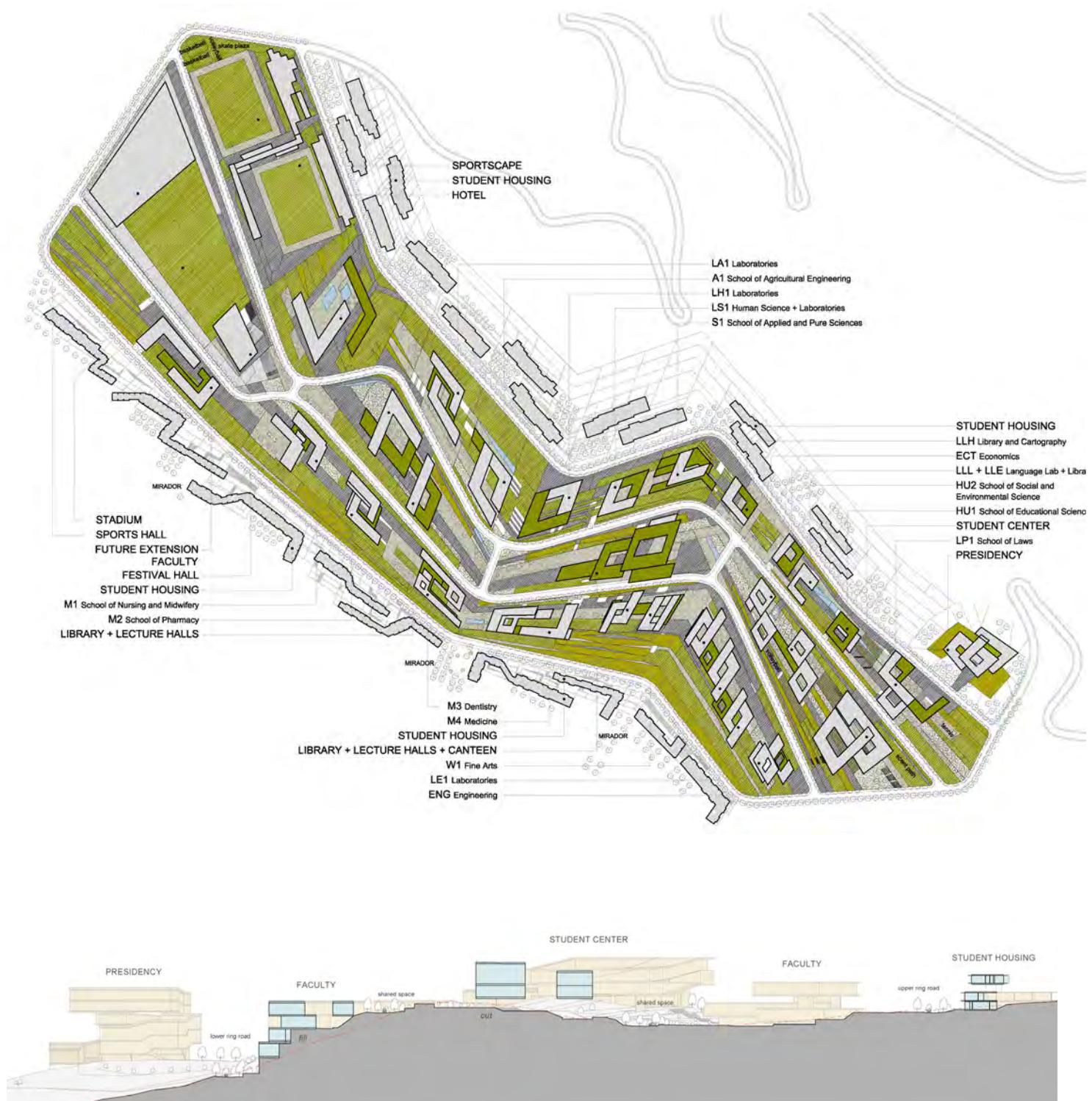
topography. Minimizing the cut and fill and creating a windmill arrangement are two central premises of the lay-out. The communal buildings are arranged along a meandering central spine green corridor. On its both sides, the faculties are arranged so that minimum walking distances and a maximum of green areas surround each building. The terraced student housing defines the campus edges.

Functional distribution
The campus' undulating geometry reflects the natural contours of the high plateau.



Education/Masterplanning

Soran Green University Campus





Sports hall

Arranged in terraces that follow the topography, the sports hall spans under one room a swimming pool and an indoor gymnasium arena.



Presidency

The balancing of cantilevered blocks is reminiscent of the mountain's tectonic plates.



Presidency

An agglomeration of various functions of administrative departments, spirals up around two offset courtyards – windmill arrangement, offering thus three access possibilities on different topographical elevations as well as 360° vistas to its magnificent surrounding.

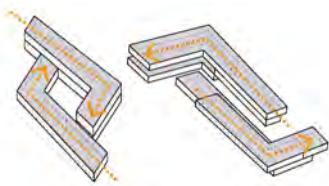
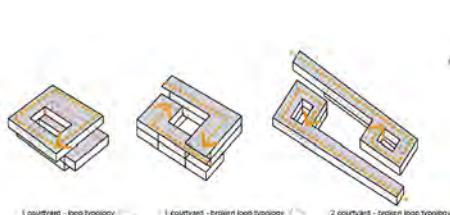
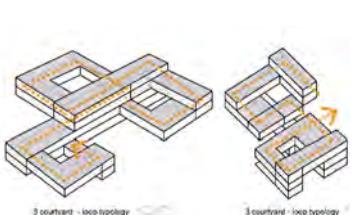


SECTION b-b



Education/Masterplanning

Soran Green University Campus

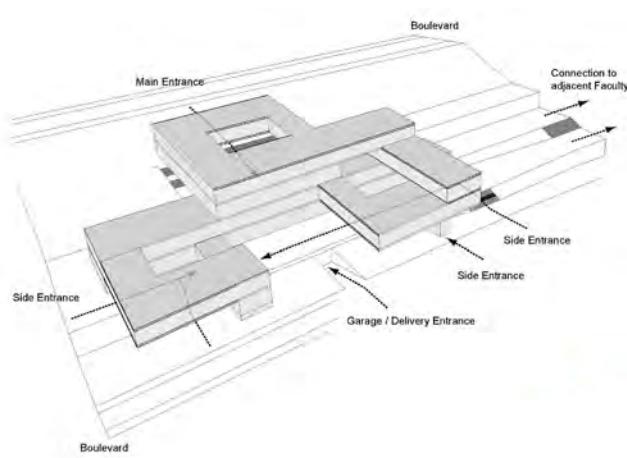
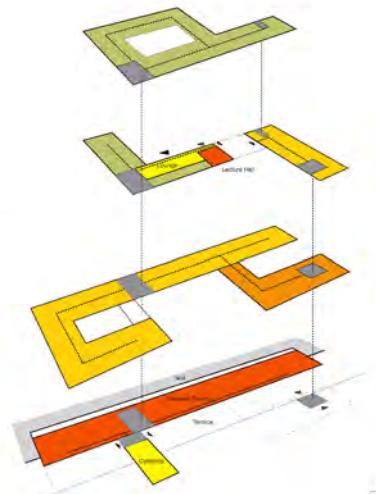
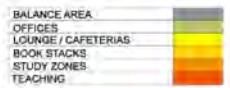


Football pitch is flanked by the sports hall and the festival hall.

Weaving of faculties and communal functions

Communal functions such as libraries, learning centers and lecture halls are broken down into modular units and are flanked by the modular faculty units. This web of spatial and functional interaction between all modular units permits to stream line the campus in a cost effective manner.





Faculties

The faculties are broken down into modules of 2500m² where two or three adjacent modules are connected by a communal base which consists of high ceiling lofts allowing thus flexible intra faculty use. These bases minimize the cut and fill earth work and function as retaining structures as they adjust to specific topographic conditions allowing furthermore access from different heights. The pavilion-like faculty units display different configurations of courtyard types reminiscent of windmill or meandering arrangements.

architecture
masterplanning
landscape
interiors

Location
Sion, Switzerland
Client
Canton of Valais

Assignment
Concept Study 2012

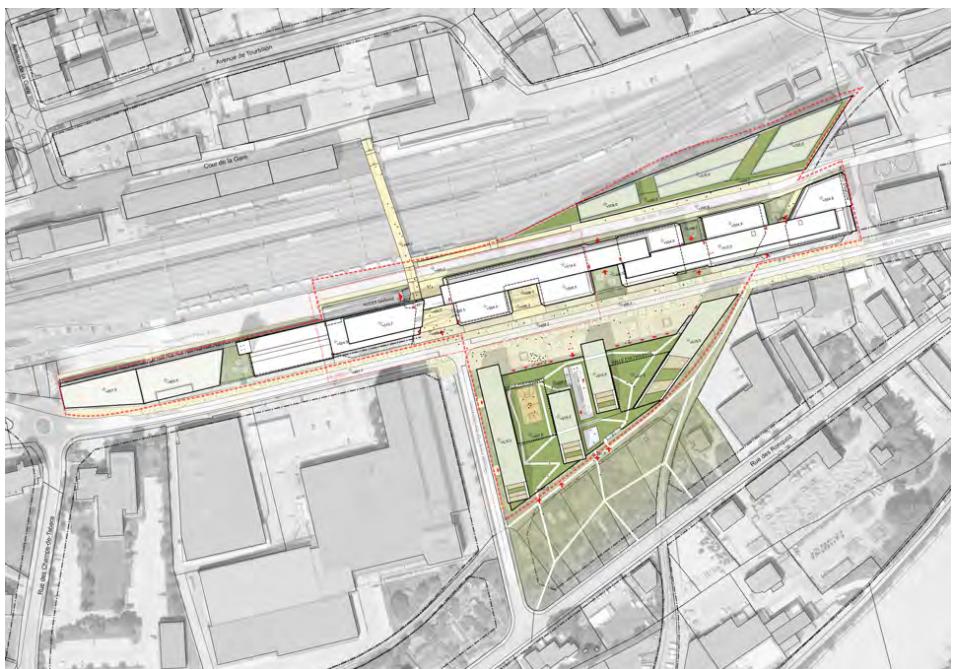
Gross Area: 300.000 m²

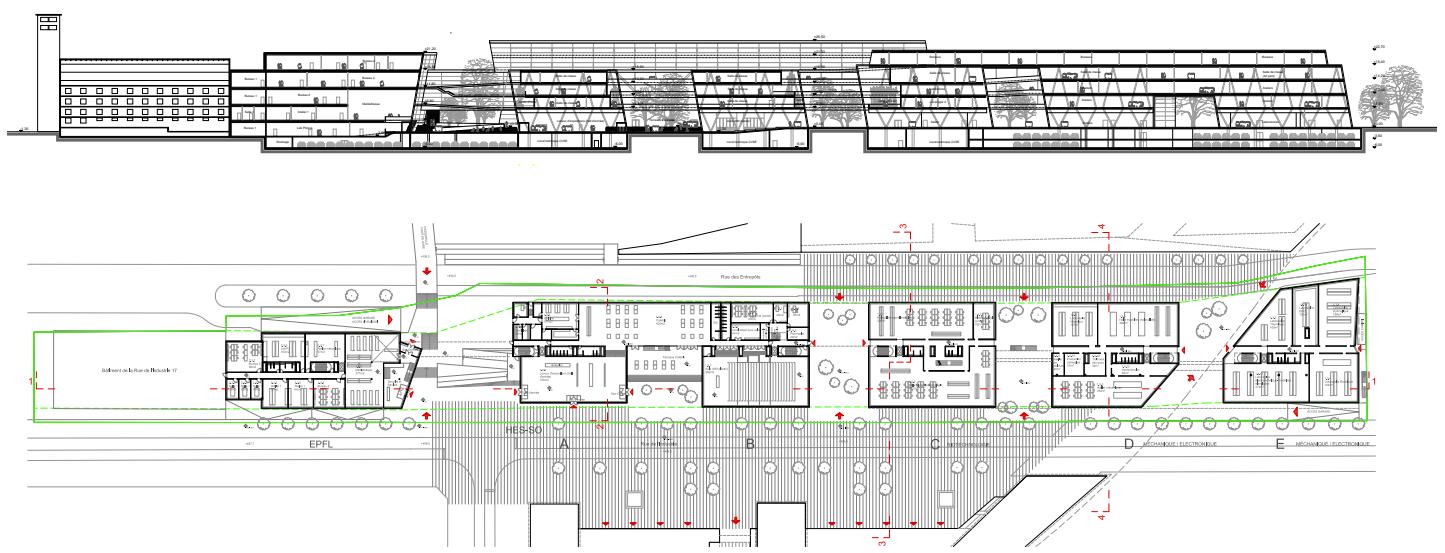
Education/Masterplanning

Sion University Campus



Envisaged as a three phased high density urban development parallel to the railway tracks, the middle narrow land strip accommodates seven interconnected modular university pavilions. Separated by an ample urban plaza, the plot to its south quarters a multi-purpose hall and lofts.





Master Planning/Residential/Interior

Residential Development



Traffic
Traffic loops and pedestrian corridors.

Located along the western edge of the Al Ain Wildlife Park and Resort, the Residential Development is a modern intervention based on the vernacular planning tradition of clustering neighbourhoods to identify a residential quarter. The Master plan weaves together a residential program of more than 250 townhouses to form a rich tapestry of luxury dwellings in a gated community interspersed with high quality public buildings such as a Mosque, a Club House, various retail units, and a Creche. Throughout the development a variety of sustainable design strategies are employed: The Grove is a richly planted space designed as both a place to meet and a micro-climate for the development – filtering dust and revitalising air. Buildings are purposely orientated north-south to maximise the benefit of natural draft. In the heart of the residential cluster the Grove is reminiscent of the Al Ain Oasis - an open, shaded green space filtered with water channels. It is the central point for recreation, interconnecting the green fingers that link all neighbourhoods between the main access roads. All important outdoor plazas are activated by public buildings, shops, cafes and shading devices. Vehicular roads are organised in order to provide clear orientation and reduce traffic speed. Roads are short, noise emissions are reduced, cycle paths are integrated in the network and the whole environment is tailored to emphasize the quality of outdoor space.



Top view
The development is subdivided into five neighbourhoods

The chosen multi-courtyard typology with a high ratio of built area to open space helps to maximise natural shading and assists cross ventilation. The Master plan organises Five Neighbourhoods - Five 'Parcels' of residential units-around Townhouses of four different sizes: Small/Medium/Large/Extra Large. These in turn are based in three different architectural arrangements: The Compact Type, the Multi Courtyard Type and the Central Courtyard Type. Each of these types is complemented by the introduction of an extended unit - a completely independent living unit - within the assembly.



Clustering
An exercise in striking the balance between maximizing privacy, maximizing sun shading and optimizing land-use



Bird eye view of the 250 villa development displaying abundant green lungs



Master Planning/Residential/Interior

Residential Development





Streetscape
Ample front garden and
vegetation as a semi-public
space



Pedestrian corridors
Traffic free alleys offer side
entrances to the villas and safe
semi/public space for children
and elderly

Cluster
An exercise in striking the
balance between maximizing
privacy, maximizing sun
shading and optimizing
land-use.

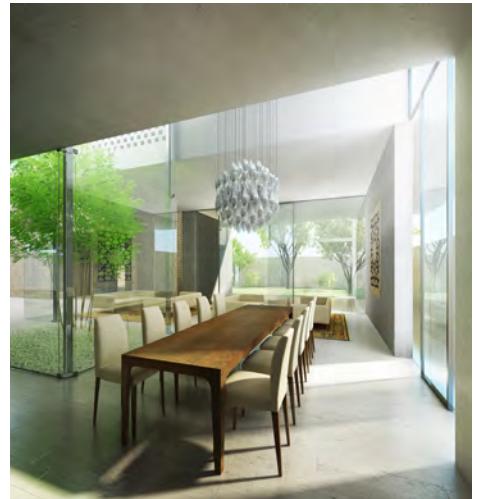


Master Planning/Residential/Interior

Residential Development

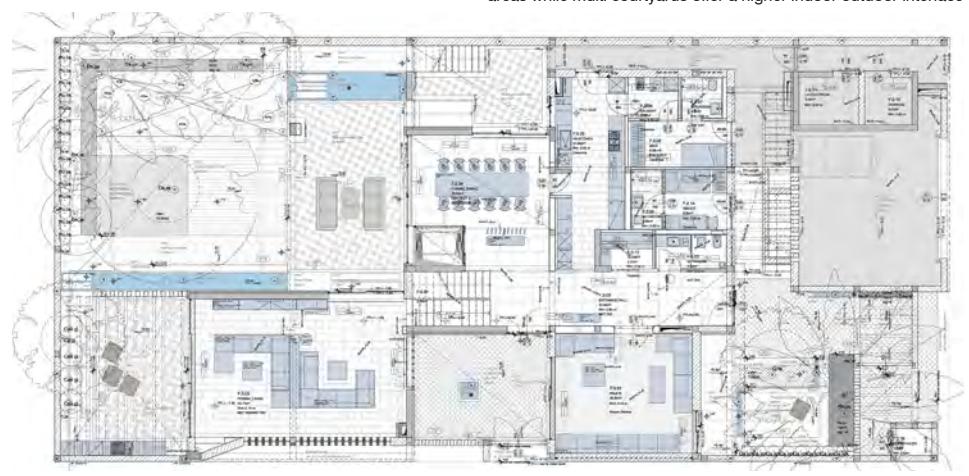


Local and national building vernacular is articulated across the whole architectural design. References to local architecture are made: both visual in relationships between and across courtyards; and material in the form and decorative treatment of facades and Mashrabiya (anti-glare lattice) and entrance doors. Internal layouts carefully organise formal and family living areas and separate servant quarters. The Majlis (formal guest room) are located close to the main entrance and share access to interior courtyards. Living areas typically benefit from high spaces that often open out into or across adjacent galleries and courtyards into the larger garden and pool area.



First floor of a multi-courtyard house with a wind-mill arrangement of bedroom units and double volumes for the main reception rooms on the ground level. Two staircases offer the possibility to subdivide the villa to extended family members.





Split level lay-outs offer one and half floor height for the main reception areas while multi courtyards offer a higher indoor outdoor interface

architecture
masterplanning
landscape
interiors

Location
Al Ain, UAE

Assignment
Competition 1st prize 2009

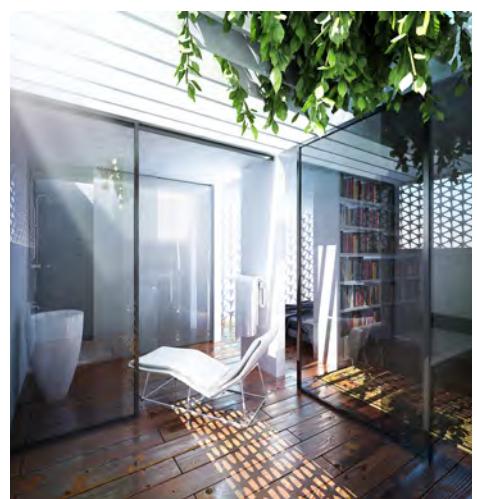
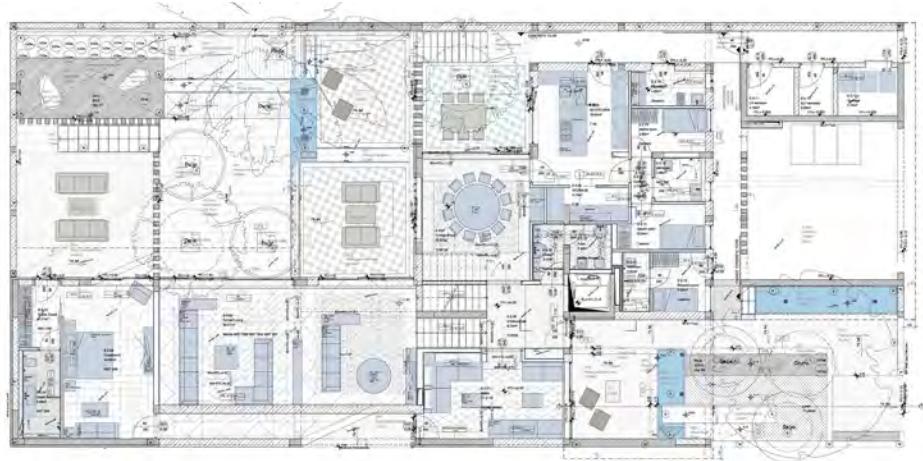
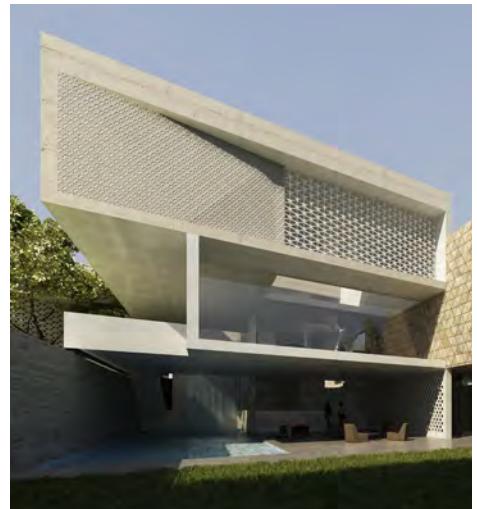
Gross Area: 160.000m²

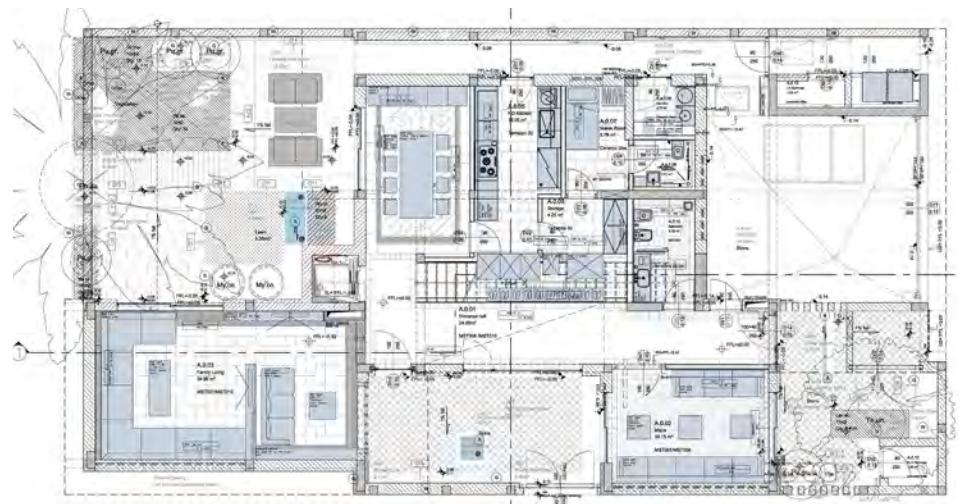
Client
AWPR, Al Ain Wildlife
Park & Resort

Contract award 2010
In progress

Master Planning/Residential/Interior

Residential Development



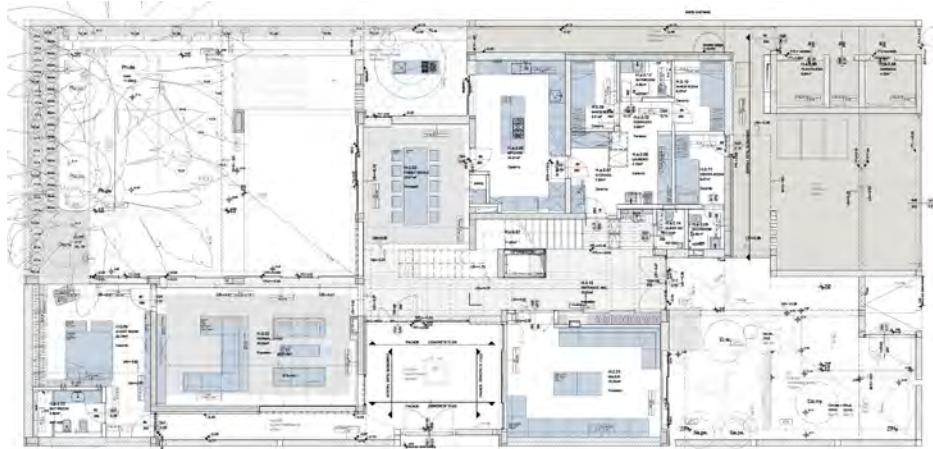


Men reception room with double room height and view to a courtyard



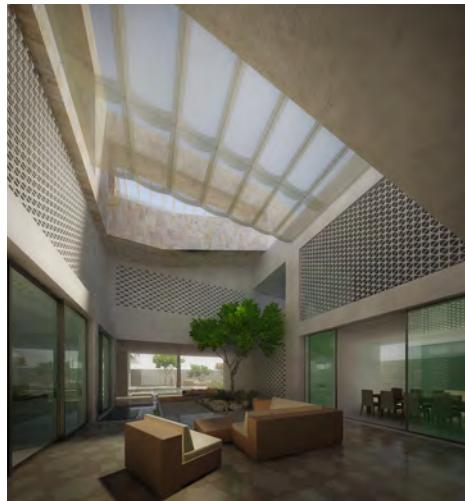
Master Planning/Residential/Interior

Residential Development

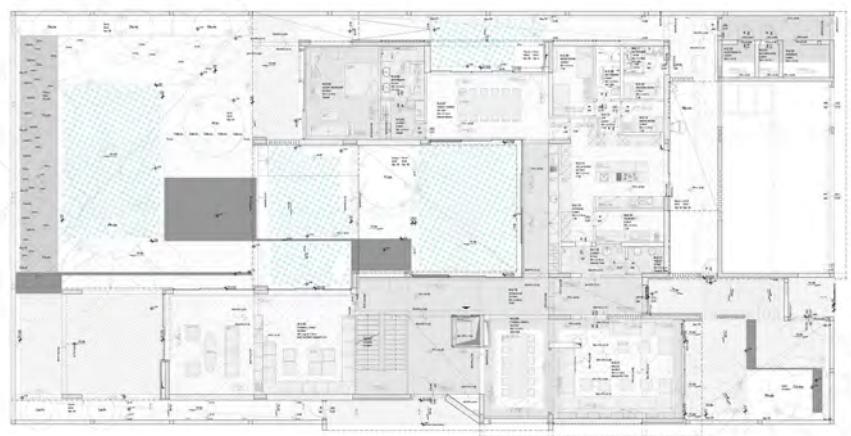


The cantilevering of the villa's components accentuates its cubic language. The perimeter fence defines the villa's private character. It features two entrances – one vehicular and private, the second pedestrian and for visitors.





Soaring boxes The cantilevering of the villa's components accentuates its cubic language. The perimeter fence defines the villa's private character. It features two entrances – one vehicular and private, the second pedestrian and for visitors.



architecture
masterplanning
landscape
interiors

Location
Al Ain, UAE

Assignment
Competition 1st prize 2009

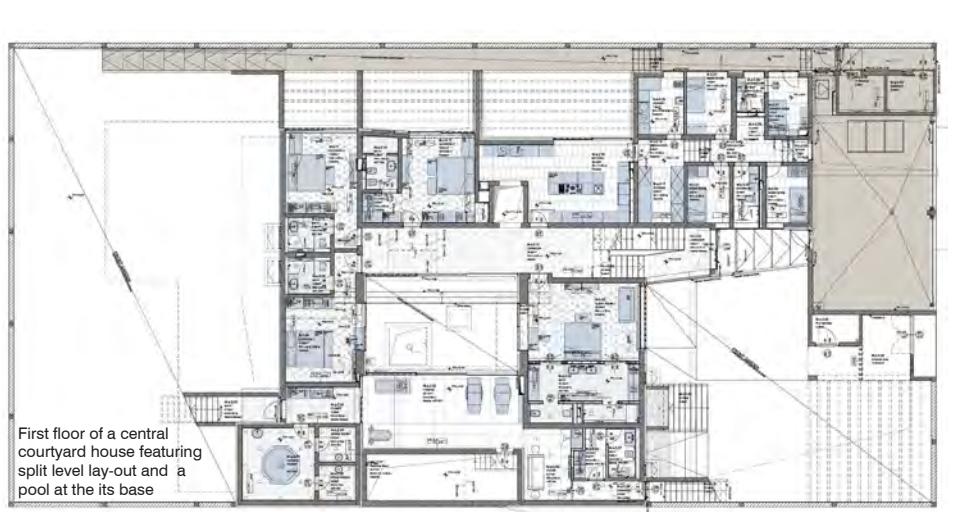
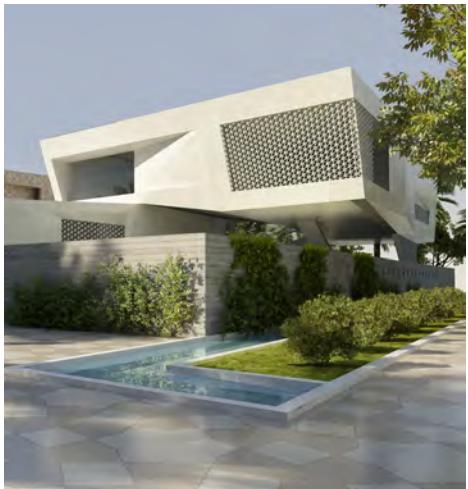
Gross Area: 160.000m²

Client
AWPR, Al Ain Wildlife
Park & Resort

Contract award 2010
In progress

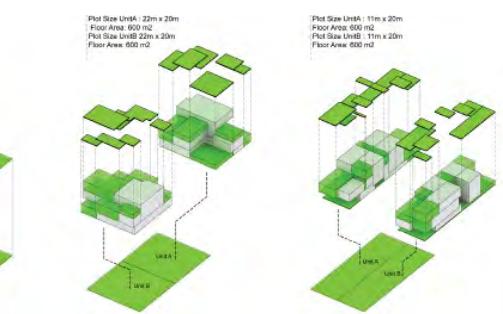
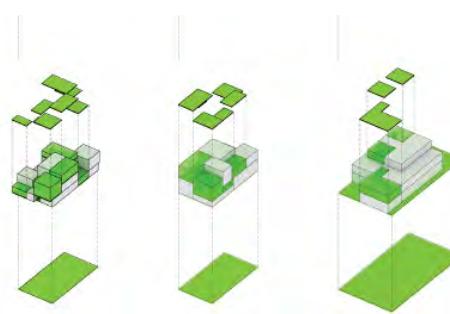
Master Planning/Residential/Interior

Residential Development



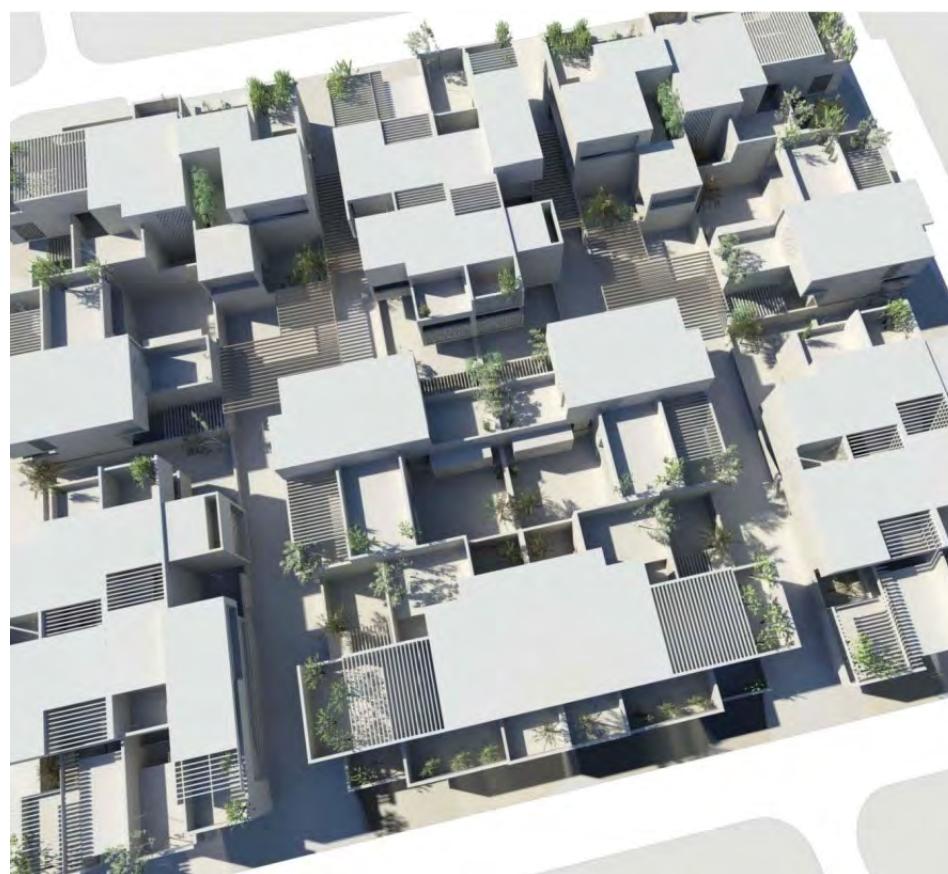
Master Planning/Residential/Landscape

Residential Development



Exercise in increasing the Gross Floor Area as well as Floor Area Ratio within existing plot sizes.

Thanks to the plots' vicinity to a main road, this competition entry investigates the options of increasing the urban density of the two clusters without changing their existing master plan nor their plot sizes. Hence the 25m x 50m plots were subdivided into two while the building height was increased from two to three and partially four. The halving of the 1:2 proportioned plot in the longitudinal as well as the cross directions proved to be successful in generating twin town houses that benefit from private lateral entrances, a high degree of privacy, outdoor courtyard spaces which are extensions of the interiors, and a differentiation of space heights.



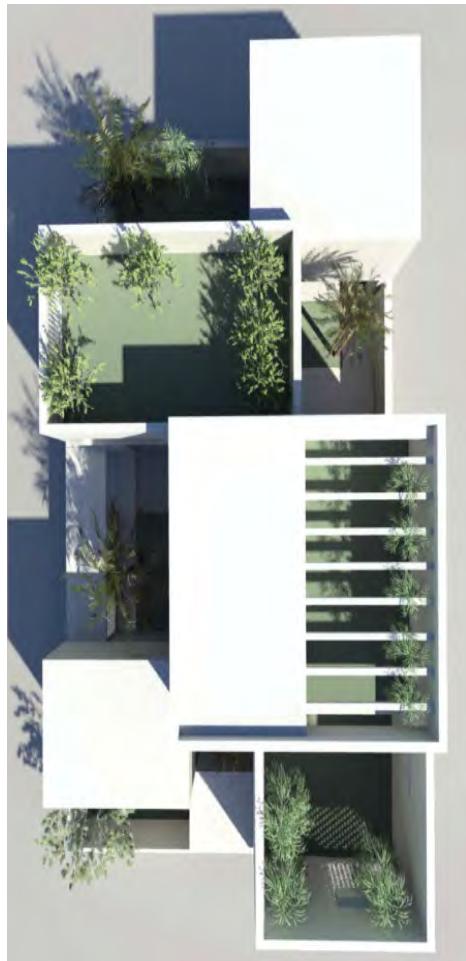
Subdividing a 25mx50m large by fire walls in the transverse direction yield to 1:1 proportioned plot with two entrances



Subdividing a 25mx50m large by fire walls in the transverse direction yield 1:4 proportioned plot with two entrances

Master Planning/Residential/Landscape

Residential Development



Three floor small courtyards
and L-shaped lay-outs



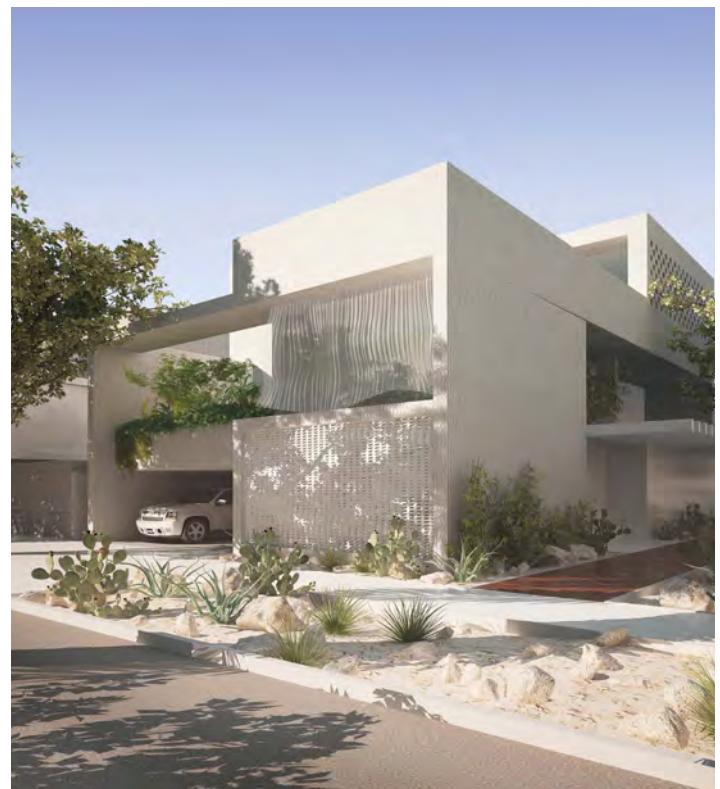
Roof terraces compensate
for the minimal garden sizes.
Privacy and sun protection





Massing and various surface treatments

Three floor small courtyards and shifting bay lay-outs



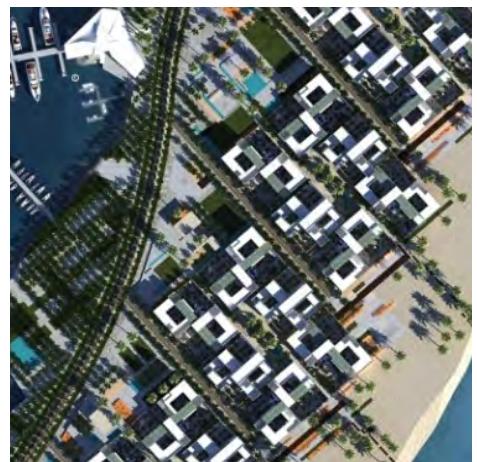
Master Planning/Residential

Royal Bay Residences



A peninsula and a bay constitute the idyllic setting for a high end development. The concept hinges on the provision of water frontage with ample private precincts combined with community clusters. In order to maximize the access to water for each individual house, an artificial canal is introduced to the northern bay water front along which 80 units are arrayed. While the remaining 72 houses on the southern water front are grouped in 12 neighbourhoods of 6 houses each, that are clustered around a communal berth and piazza. The housing typologies evolve around a variation of courtyards and gardens.

Bay master plan
The chessboard arrangement offers ample distance and hence privacy between the houses.





Canal

For the quarter of the plots which are not blessed by a waterfront, an artificial canal is dug to compensate for this deficit.



Garden plus courtyard
Three gardens of different sizes combined with two courtyards characterize this expansive villa.



Neighborhood plaza
Offside vehicular traffic, pedestrian corridors and plazas create a sense of community.

Master Planning/Residential

Royal Bay Residences



Courtyard and three loggias
A covered loggia (porch) on the ground floor combined with another one on the first and a third on the roof, offer new perspectives and spatial extensions to the sky oriented courtyard, eliminating thus any sense of confinement of an inward looking space.



Garden plus courtyard
Three gardens of different sizes combined with two courtyards characterize this expansive villa.

Interstitial space
When covered with pergola, the interstitial space between the high perimeter fence and the villa becomes a livable space.



Elevated infinity pool
A shaded infinity shallow pool, placed above the kitchen and servant quarter offers a spectacular belvedere to the courtyard and the sea.

architecture
masterplanning
landscape
interiors

Location
Dubai, UAE

Client
Meraas Development LLC

Assignment
Invited Competition 2012

Gross Area: 1.300 m²



Residential

Luxury Residence



interstitial spaces such as loggias and terraces are covered and framed in order to offer maximum sun shading and privacy



A porch offers a spatial extension of the confined internal courtyard and frames the sea view

The high-end exclusive villa types for Dubai's sea front explore the concept of offering maximum exposure to the sea view coupled with a gamut of introvert outdoor spatial qualities in the form of gardens, courtyards, porches, loggias and roof terraces.



architecture
masterplanning
landscape
interiors

Location
Dubai, UAE

Assignment

Gross Area: 1.300 m²

Client
Meraas Development LLC

Institution/ Administration

Luxury Residence

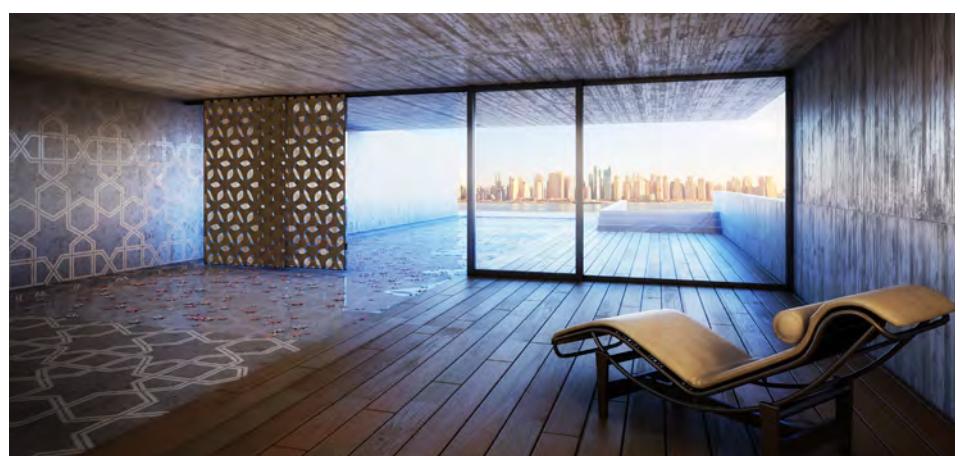


Planes and depths
Split level schemes offer a spectrum of views at different heights. The glazed pavilion bridges a gateway to the sea front while it is sandwiched between a raised plinth and a hovering optically heavy mass.

Internal functional lay-outs organize carefully formal and family living areas and separate servant quarters while the formal male guest hall is located prominently close to the main entrance and shares an access to the interior courtyard. Each of the four types offers a distinct spatial concept.



Interstitial spaces create an interface and transition between interior spaces and their exterior.



Residential

Luxury Residence



Split levels coupled with the tectonic of glass partitions and concrete frame transform the typology of the traditional enclosed introvert courtyard space to a fluid and continuous space continuum that extends the dramatic sea setting and landscape to the interior space



Street view

The building height is kept as low as possible to the street side and the villa masses are set back



architecture
masterplanning
landscape
interiors

Location
Vienna, Austria

Assignment
Competition Finalist 2013

Gross Area: 50.000 m²

Client
Austrian Federal Post

Office/Public /Masterplanning

Mixed Use Development Headquarters of the Austrian Post



Located within a dense Viennese block facing an underground station and a market place, the new structure integrates a late 19th century listed post office building and offers the maximum allowable volume and floor area within the city's stringent zoning regulations. A two story plinth and a basement accommodate a shopping mall and an array of food and beverage outlets. The shortest pedestrian connection between the market place and a previously isolated neighboring park defines the mall's main concourse. The windmill arrangement of the penthouse accentuates the roof's plasticity and offers panorama windows to the four cardinal points.



architecture
masterplanning
landscape
interiors

Location
Vienna, Austria

Assignment
Competition 2013

Gross Area: 15.000 m²

Client
Vienna Municipality



Office/Public /Masterplanning

Mixed Use Development



Situated on the Vienna's second ring road, the building's undulating plasticity alludes to the plot's configuration at the intersection of two urban city grids. A sunken urban plaza with a supermarket in the basement amplifies the public realm and leads to the entrance zone. A full height winter garden situated at the southern façade, connects visually the urban plaza and the plinth to the penthouse, and offers informal work office landscape.



architecture
masterplanning
landscape
interiors

Location
Vienna, Austria
Client
City of Vienna

Assignment
Competition 2002

Gross Area: 70.000 m²

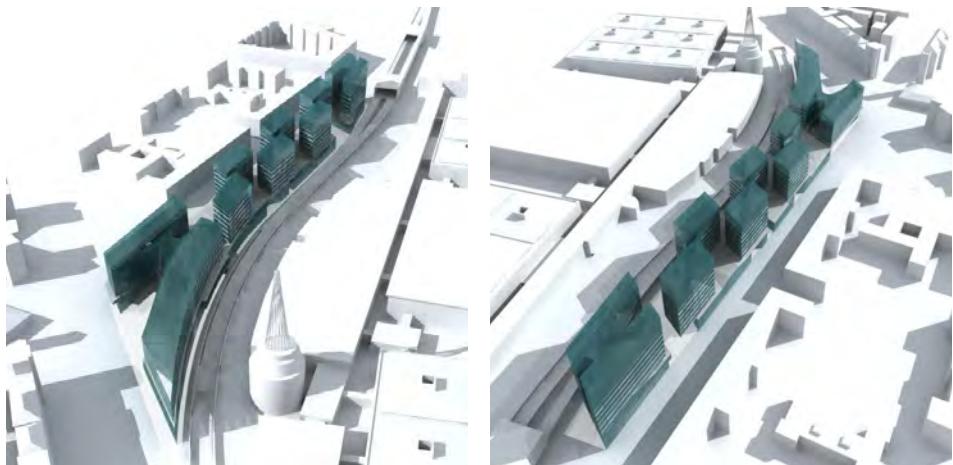
Masterplanning

Mixed Used Development -Messe Nord

A narrow and long left-over plot of land parallel to railway tracks and anchored between two railway stations provides the setting for a mixed use development. A signature hotel functions as the head of this development. Its interface with the main road is achieved through a concaved facade and a raised public plaza which is part of a plinth that stretches through the whole development. Considering a phasing plan and an undefined programme, the residential and office buildings units are configured as flexible and reversible in use, while achieving the maximum allowed urban density.



The hotel at the head of the mixed use development whose commercial amenities form a plinth and a public elevated urban



The Mixed Use Development's segments create vehicular and pedestrian corridors its large neighboring convention center

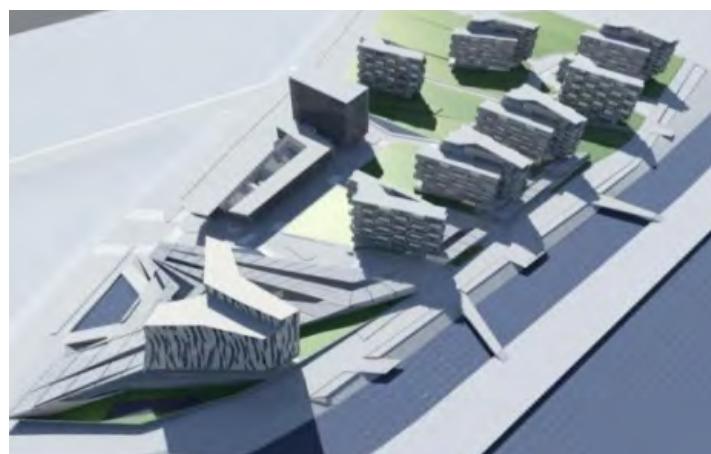
Master Planning/Landscape

Mixed Used Development



The master plan explores the plot's potentials, the massing and functional interrelationships of a mixed-use development. One side of the triangular plot faces a waterfront and a mountain ridge. The second side faces a main thorough way and a presidential palace. While the third side, is adjacent to a traditional housing neighbourhood. The prominent part of the plot - its tip - is occupied by an iconic hotel that is perfectly accessible and benefits from the water front. The office building compound links the main road to the green park which constitutes the front to the residential buildings that benefit from the water view.

The tip of the triangular shaped plot accommodates the hotel. Its façade draws its inspiration from the folkloric textiles

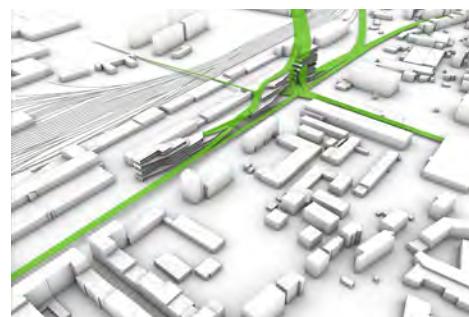


Masterplan

Mixed Used Development of Railway Brown Fields

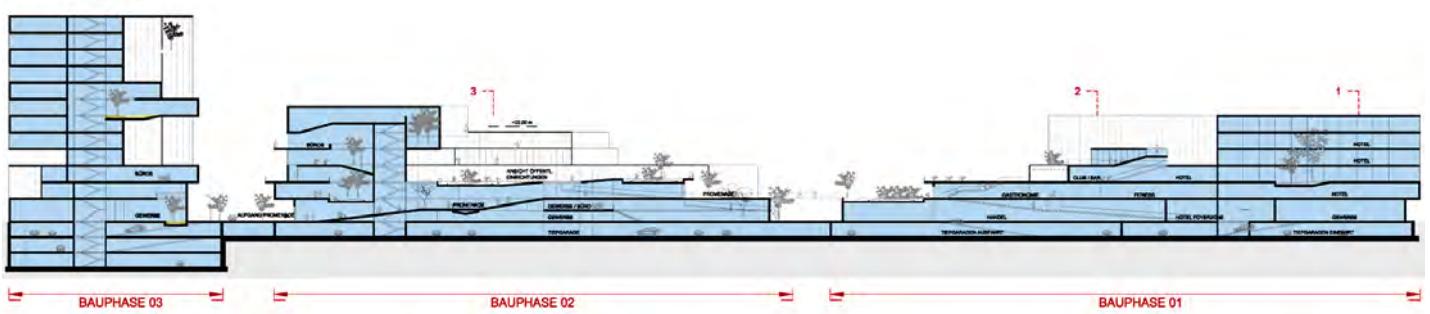


The meander tectonic emphasizes the different platforms



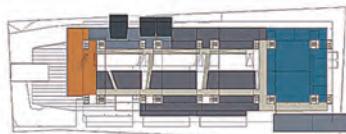
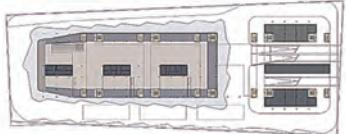
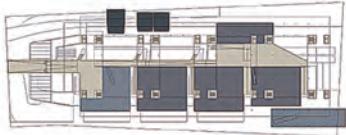
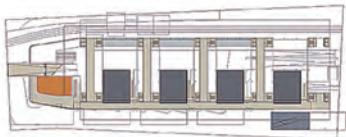
A landscape of platforms of various heights with an emphasis on high-rise two front ends, while the lower platform integrates a pedestrian and cyclist bridge which crosses the rails

The competition entry investigates a mixed use development - supermarket, a hotel, and offices – to replace abandoned storage sheds alongside railway tracks. Instead of distributing the space programme within a uniform height, a differentiation of building masses is proposed to these former brown fields. A high rise office tower and a medium height hotel block mark the two ends of the development. While the long stretched mass in between consists of standardised office units and are formed as a publicly accessible terraced landscape of various heights.

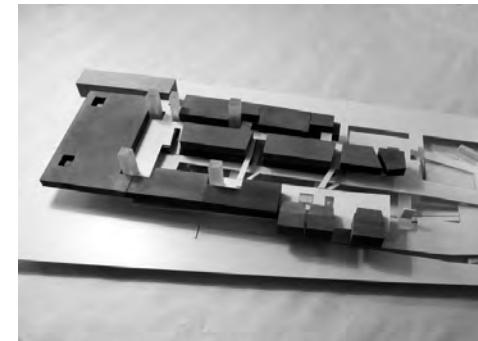


Traffic/Mixed Use Development

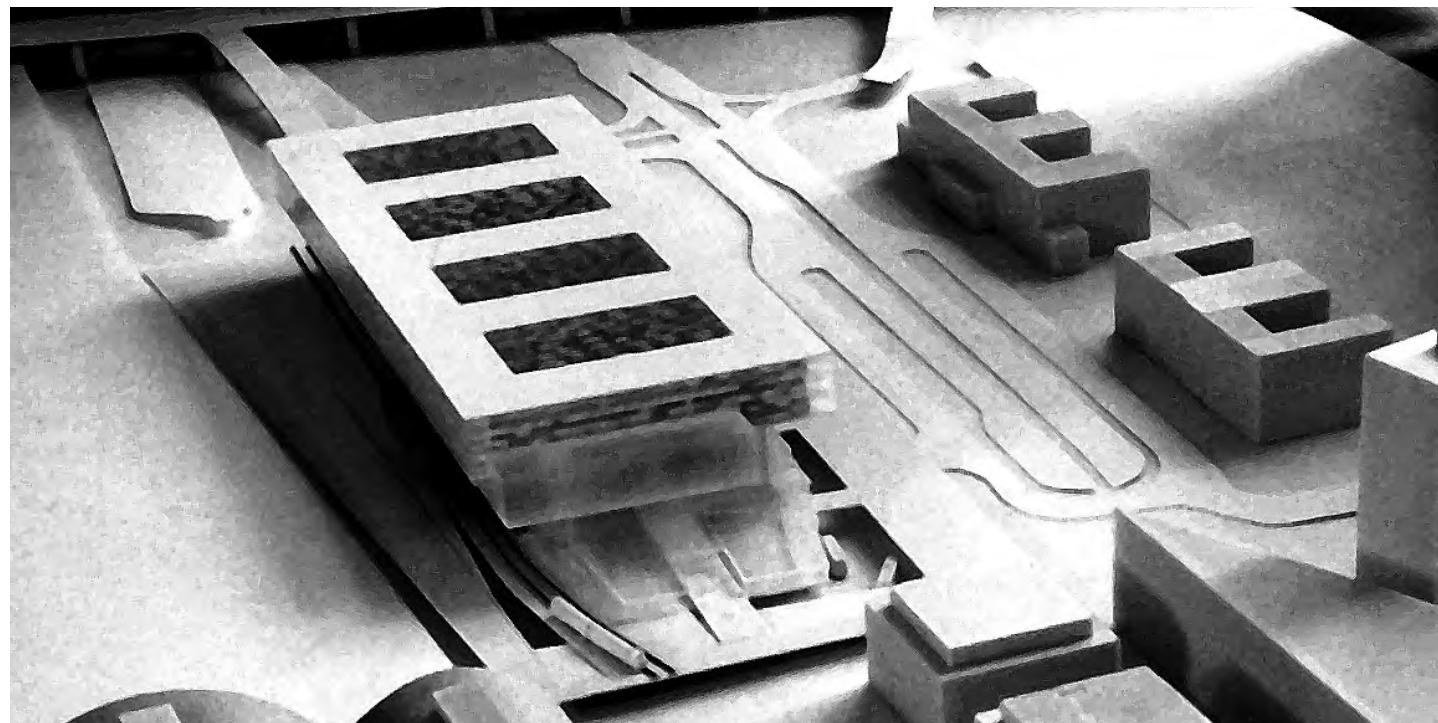
Mixed Used Development-Bus Terminal



A public private partnership 80,000m² complex ties in the user influx and accessibility of a transportation facility with a variety of rented spaces. A naturally lit and ventilated bus terminal for 20 regional busses and 500 below grade parking spaces are combined with offices and a small hotel contained within the elevated rigid frame. Sandwiched between the frame and bus terminal are adaptable spaces for commercial functions such as retail, restaurants, fitness centre, cinema halls and exhibitions.



First floor of the shopping and cinema center and its relationship to the bus terminal on the ground level



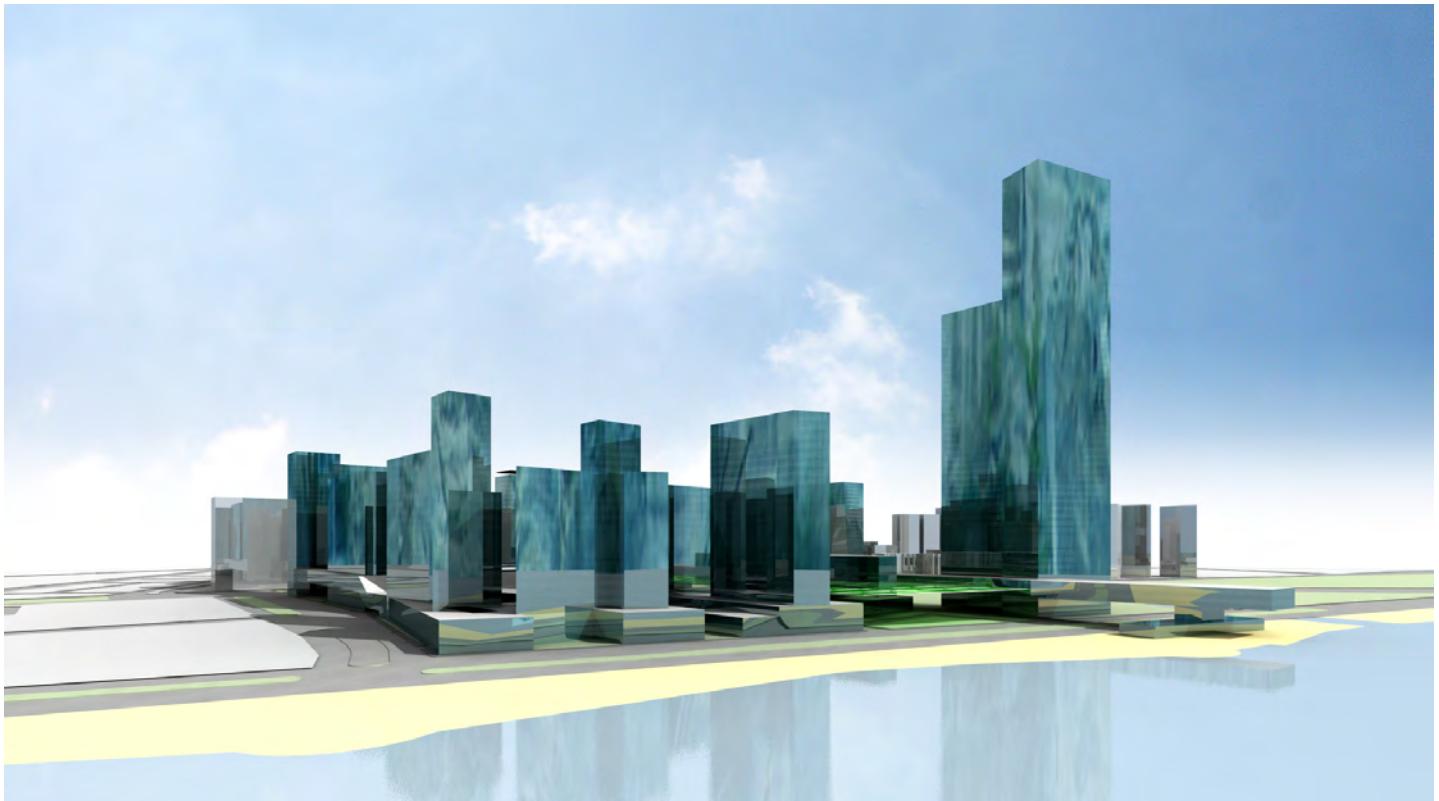
architecture
masterplanning
landscape
interiors

Location
Abu Dhabi, UAE
Client
Capital Investment

Area 722.000m²

Masterplan / Healthcare

Mixed Use Development - Corniche Hospital



The restructuring of the Abu Dhabi sea port into a recreational area, offers the opportunity to redevelop a land strip that stretches between a main road and a sea front. The site has been partially occupied by an abandoned cemetery and a hospital that will be demolished. The master planning of four varied proposals with lattice structure, land art, for the cemetery and a 5 story plinth that accommodates a mesh of courtyard office buildings, a shopping mall and a new maternity hospital. A hotel adjacent to the hospital ward and high-rise housing blocks compose the vertical elements on the base. A 45 story luxury hotel located at the cross roads of two urban axes represents the highlight of the complex.



architecture
masterplanning
landscape
interiors

Location
Vienna, Austria
Client
Capital Investment

Assignment
Competition 2008

Gross Area: 120.000 m²



Health Care

Vienna North Hospital



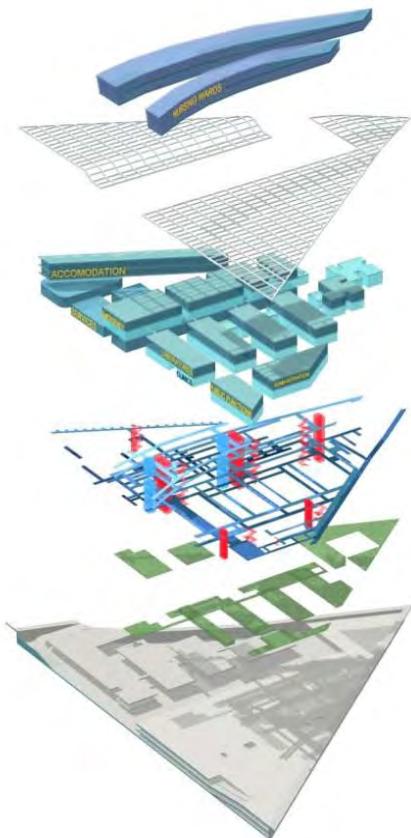
The green park constitutes an urban pedestrian spine and serves as the main entrée to the hospital. The park is spanned between the hospital's pavilions and the low-rise buildings with their green roofs which house all commercial and educational amenities.



Preserving an ample green park at the northern and prime portion of the triangular shaped brown field is the predominant urban concept of this scheme. The park ties the otherwise locked plot to its eastern urban fabric. It also creates the hub around which, all hospital affiliated functions are organized which do not require a strong connection to the back of house, such as physical therapy, nurse training school, kindergarten, shops and cafés. The 870 bed hospital is organized as "double comb" circulation typology with a central spine concourse. It provides the main public access to the outpatient departments which face the park, and to the functions which require a higher interface with the back of house, such as laboratories, radiology, surgery, and first aid.

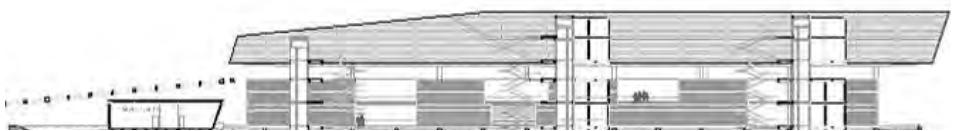
Health Care

International Medical Centre IMC I

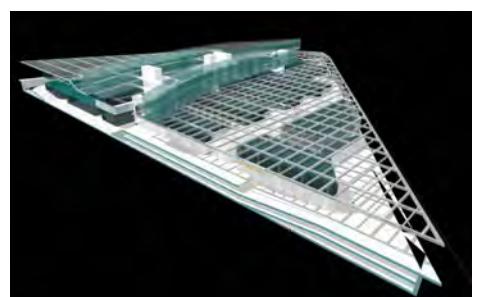
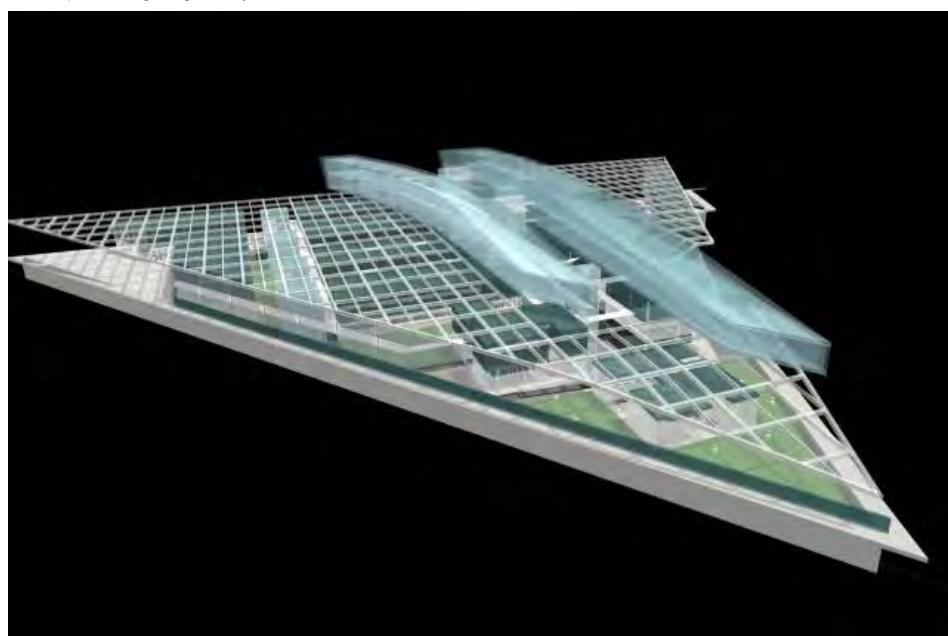


The triangular plot situated on the rural outskirts of metropolitan Damascus, is divided along an elongated courtyard 'spinal cord' into a public half which accommodates the diagnostic center and out-patient departments, pharmacy, administration and a café, whilst the other half houses the surgical suite, emergency, intensive care unit, and support facilities. The compact pavilion layout creates courtyards and gardens that offer natural lighting and ventilation. The plot shape is accentuated by a grid roof that holds photo voltaic panels which in turn shield the plinth from the 130 bed inpatient wards.

The sun shading pergola connects the pavilions and accentuates the plot's triangular geometry and the wards



Longitudinal section displaying two levels of garages, two levels of out-patient pavilions and two levels of wards



architecture
masterplanning
landscape
interiors

Location
Damascus, Syria
Client
International Medical Centre

Assignment
Concept Design 2006

Gross Area 22.000m²
Cost 25 mio USD



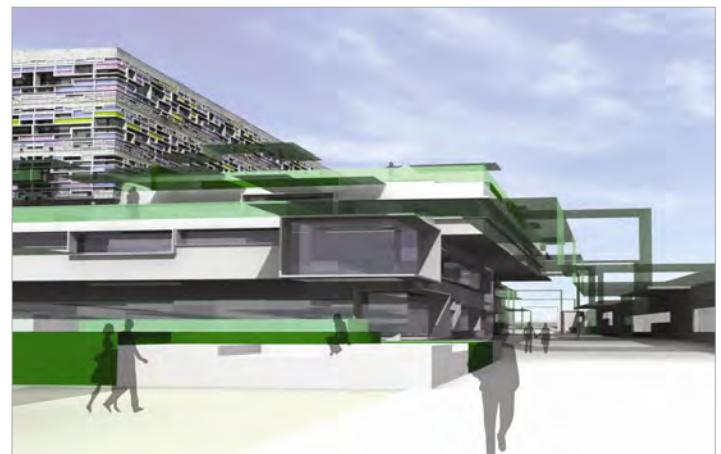
Health Care

International Medical Centre IMC II



For a second site situated on the rural outskirts of metropolitan Damascus, the creation of an array of gardens, courtyards and terraces with trellises constitute the prime design theme. The new plot configurations lead to a compacted version of the earlier proposal. The functional subdivision of the three storey plinth considers a regulated interface between public and staff for outpatient clinics, diagnostic centre, maternity, physiotherapy and day surgery departments. The surgical suite, intensive care units and back of house facilities are tied to the elevated three storey nursing wards block which benefit from ample outdoor roof gardens for patients and their visitors.

Façade studies based on the application of medium sized sun-shading units on both the horizontal and vertical planes. The horizontal pergolas offer climbing plants while the vertical elements are anti-glare sun screens. The visual effect is a pixelated camouflage that blends with the hospital's rural surrounding.



Master Planning/Office/Tourism and Gastronomy/High-rise/Landscape/Interiors

Mixed Used Development -The Oyster



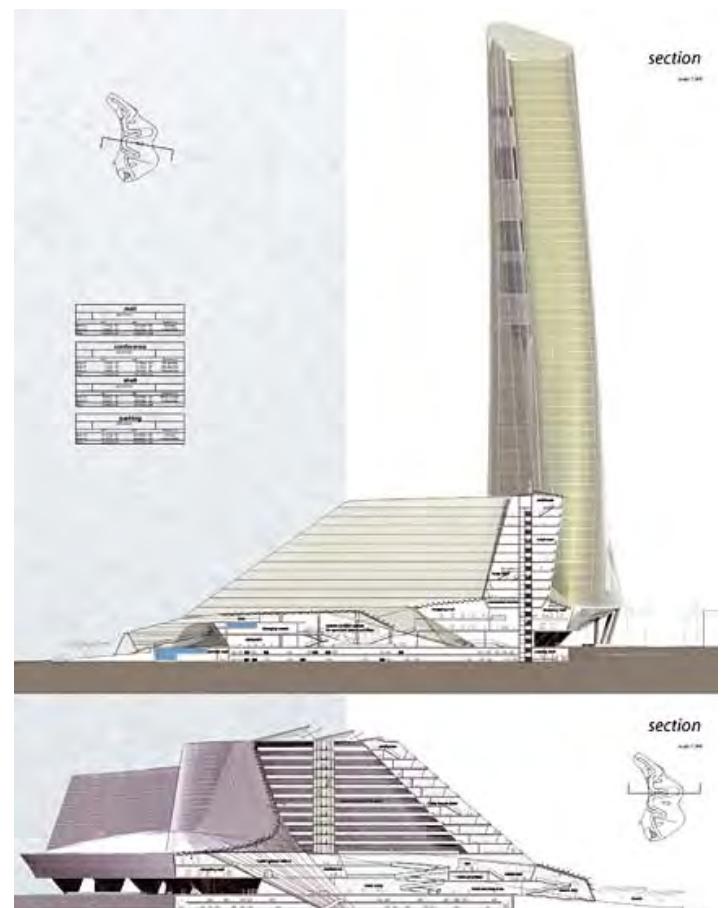
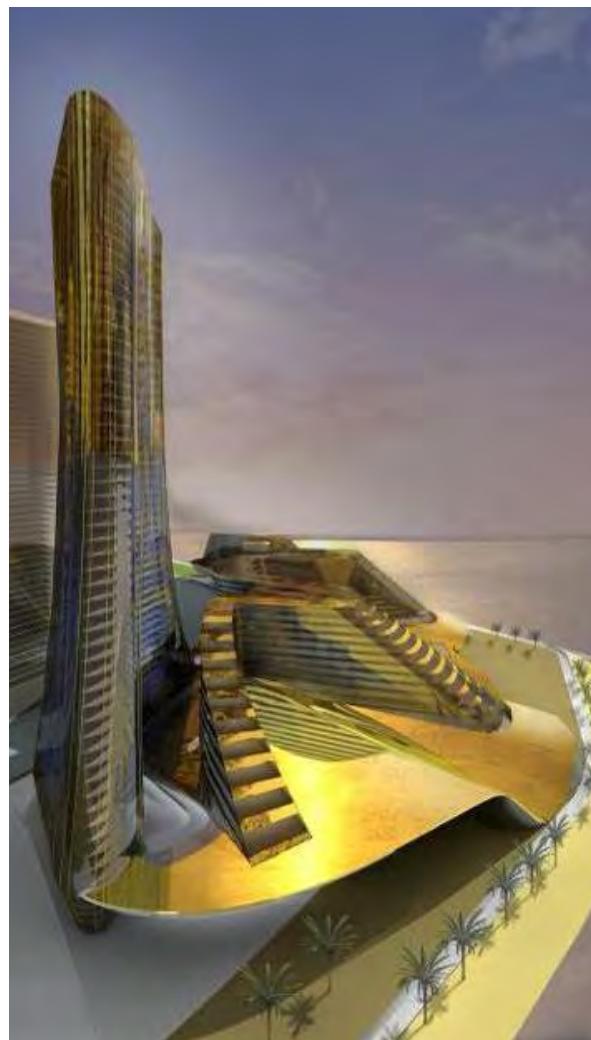
Located at the corner peninsula of the Reem island, the natural morphology of a sea shell stands out against a classical master plan of prismatic high rise buildings. The 10 story resort hotel and serviced apartments with its amenities and a shopping mall follow the undulating shape of an oyster that provides optimal vistas to the sea, while creating vast covered atriums. Waterfront amenities such as promenade with food & beverage define the outer edge of the project and merges together with a roof structure of the shell. The adjacent 45 story residential and office structure derives its shape from longitudinal fan shaped shells. The shell metaphor with its hard exterior and its soft interior is carried further to create interiors that are inspired by an organic morphology.

Drop off area of the medium-rise hotel whose undulating masses wrap the office tower

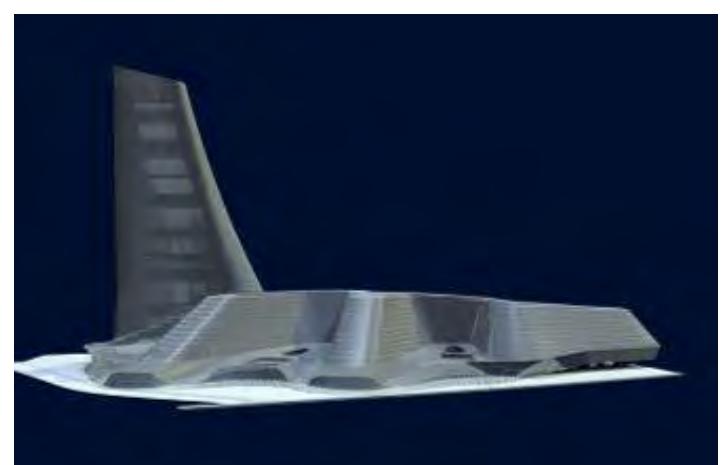
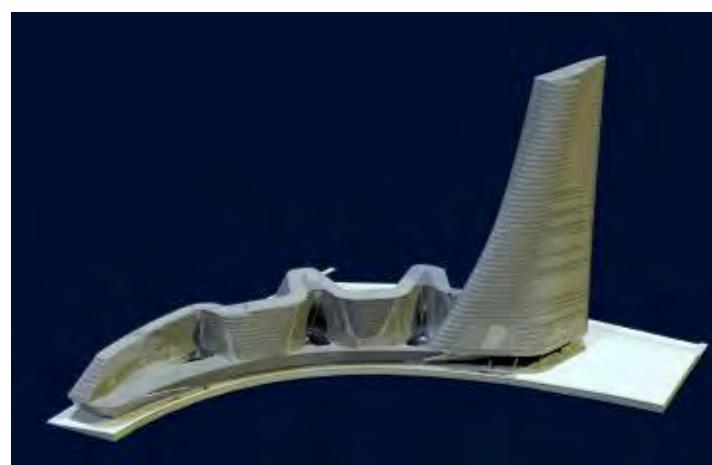


Hotel suites displaying the maritime limestone theme





The terraced undulating masses of the medium-rise hotel rise above a wave-like shell structure which houses a shopping mall and hotel amenities



Master Planning/High-rise

Mixed Used Development-Manama Bay



The radial and concentric lines of the master plan grid pattern guide the positioning of the two towers perpendicular to the shoreline, while the twin setup of both towers is an intended marker or gateway for both sites. The concept of unifying the mixed use development into one body is explored in the proposal for both plots. The combination of the residential tower, the office and a horizontal base into one seamless form, is generated through a laminated stream of sliding and shifting building volumes containing residential areas, office spaces, shops, and restaurants. Additionally, residual spaces of atriums, loggias and voids are created as the facade transfers between a vertical to a horizontal position.

The plinth's façade winds around the corner and wraps the tower accomplishing thus the synthesis of plinth and tower



Seen from the water front, the twin towers form a gate situation while the two plinths enjoy maximum exposure to the view.

Office/High-rise

Office Tower Dubai



The depicted towers are variations of one approach that addresses two levels of investigation for the envelope of a 35m x 35m typical office building. The first is the sculptural effect of the building in the city silhouette – in this case, a diamond shaped, Curvilinear, faceted and triangulated shaped towers. Secondly the investigation deals with the quality of the interstitial space that result from a double skin façade, which accommodates a helix of hanging gardens and double volume activity spaces.



Different morpho-
logical studies

When the warped sun protection louvers are lit, they produce a moiré effect

Mixed Use Development

Manazel Headquarters

The main feature of the façade is its special twisted louvers. A moiré pattern is generated due to the torsion of its blades: the louvers provide the building with a subtle glimmering effect in contrast to its homogeneous urban context.



architecture
masterplanning
landscape
interiors

Location
Aktobe, Kazakhstan
Client
Bahyt Tabynbayev

Assignment
Study 2006

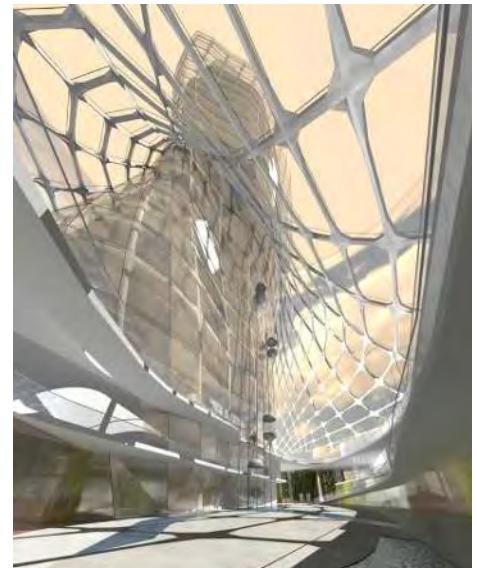
Gross Area: 45.000 m²

Office/Tourism and Gastronomy/High-rise/Interiors

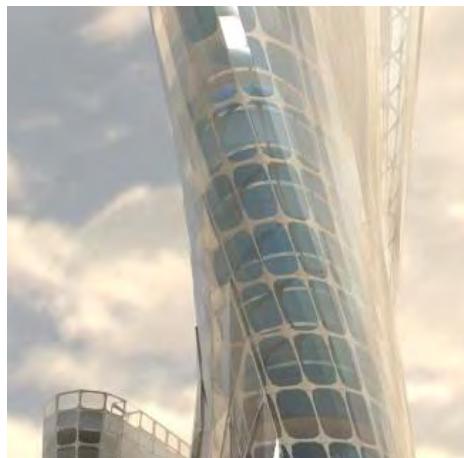
Mixed Used Development-Aktobe Center



The plinth's roof morphs in torsion to develop into the tower's façade.



Sky lit lobby in the plinth which connect both towers



The concept of unifying a mixed use development into one body is explored in this proposal for a business centre and towers on a site in the city of Aktobe. The combining of the residential tower, the office tower and a horizontal base into one seamless form, generates a twisted and torsioned building volume containing office spaces, conference centre, shops, restaurants and residential areas. Additionally, residual spaces of atriums and voids are created as the torsioned facade transfers between the vertical to the horizontal.

Tourism and Gastronomy

Four Star Hotel

The main feature of the building shape is its slightly twisted corners. This torsion of the facade is structured with triangulated glazing elements. Printed Islamic patterns on the facade enhance the building not only as sun protection but also a subtle glimmering effect in contrast to its homogeneous urban context.



Top
The transparent character
of the plinth emphasizes the
weightlessness of the façade's
cladding.

Above
The structural system allows
transferring the loads on few
pillars rendering thus the base
as an open plan.

The triangulated glazing
create a cladding tectonic
evocative of lace fabric

architecture
masterplanning
landscape
interiors

Location
Zagreb, Croatia

Assignment
Competition Finalist 2012

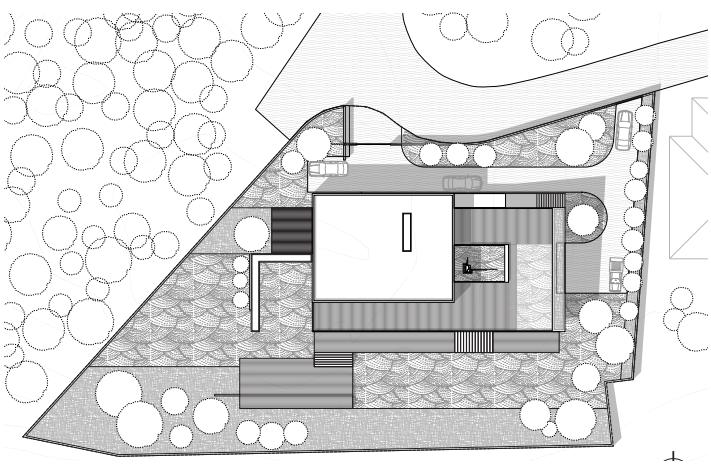
Gross Area: 400 m²

Residential

Ambassador's Residence Zagreb



Intended to become an export product for Austria's timber industry, the Ambassador's Residence comprises of a pavilion like private apartment resting on a plinth which houses the official reception area with the necessary logistics



Tourism and Gastronomy

Youth Hostel

The extension of a 19th century listed residence and two barracks which had been adapted as a youth hostel for a ski resort, is constructed in the form of a free standing pavilion. It is set to create a compound with the existing buildings around a plaza. The outdoor plaza forms a hub and its basement houses common amenities which serve all the four buildings. The new pavilion is a timber construction of 3 split levels which spiral around a central vertical circulation. Diagonal twisted timber joists form the first layer of the façade and endow the building with a moiré effect.



architecture
masterplanning
landscape
interiors

Location:
Madrid, Spain

Client:
Miguel Bose

Assignment: Concept Design 2007

Gross Area: 1200m²

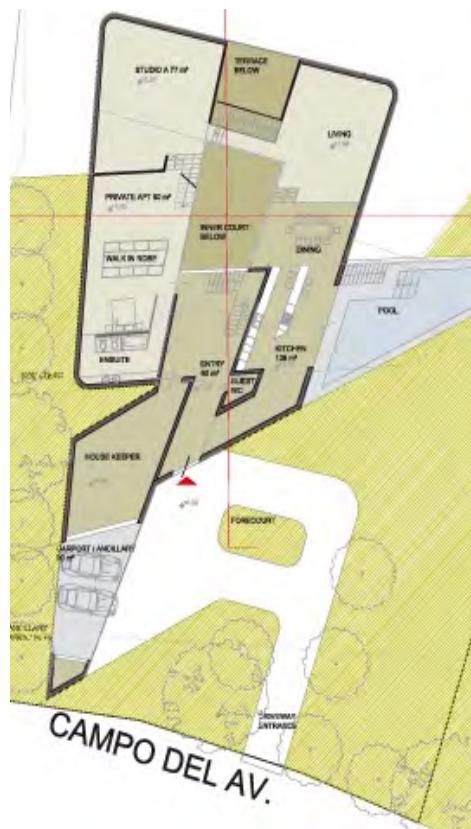
Cost: 2.5 Mio EUR



Chalabi Architekten
& Partner

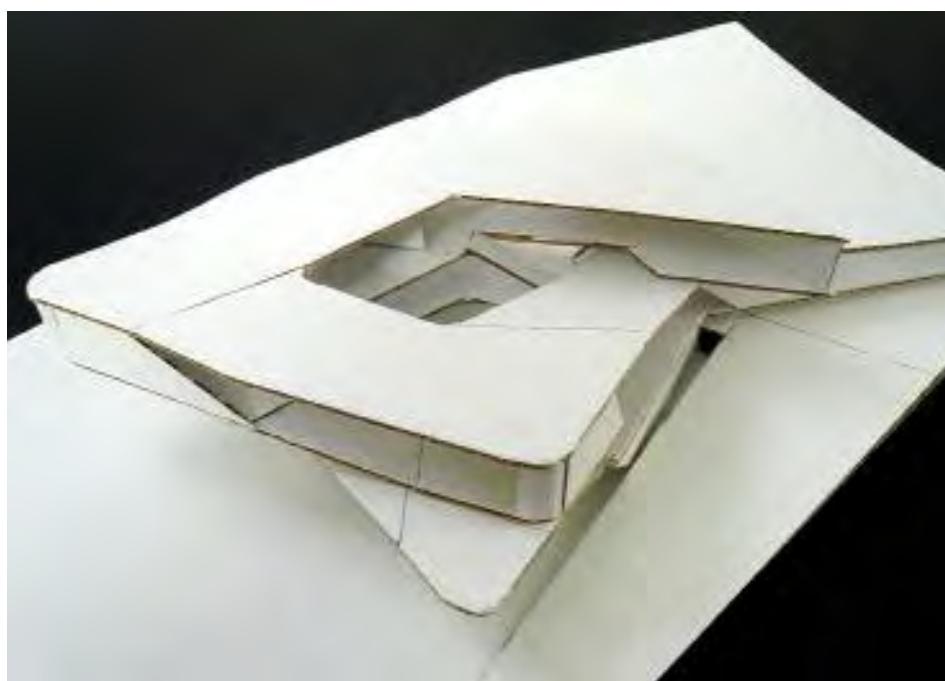
Residential

Villa Bosse



The conceptual proposal is about creating a dynamic spiralling volumes for a Residential Villa in the outskirts of Madrid. The building emerges from ground and integrate itself in the typography of the 1 hectare plot. The villa is divided into two main volumes, a subterranean plinth with a central courtyard and an emerging spiralling volume. The resulting gap in between the two bodies acts as the main entrance terrace which is enhanced with a pool and an exhibition area for sculptures. The spiralling volume contains sequences of spaces which are organised in a continuous way and create fluid transitions of different zones and functions.

The loop arrangement adapts to the inclined topography and creates an internal kinetic pull effect



The courtyard which a loop generates offers an intimate outdoor space contrasting the vast open surrounding landscape



Residential

Single Family House



Bird's eye view of the four courtyard house and the drive-in to the sunken garage and kitchen

Turning its back to the cacophony of the urban periphery, this house orients itself inward towards a series of sheltered courtyards in order to create its own domestic microcosm. Arranged around a large atrium that is situated on top of a sunken drive-in garage, the familiar living spaces are combined with an autonomous, independently accessible suite to form this tense, terse composition of solids and voids.

Location
Vienna, Austria

Residential

The rhombus shaped house is set in a skewed position within the tight plot in order to catch the best view and sunlight past its neighbours. Spiraling towards the sky, it offers a space continuum of split levels that ends in a panoramic space.

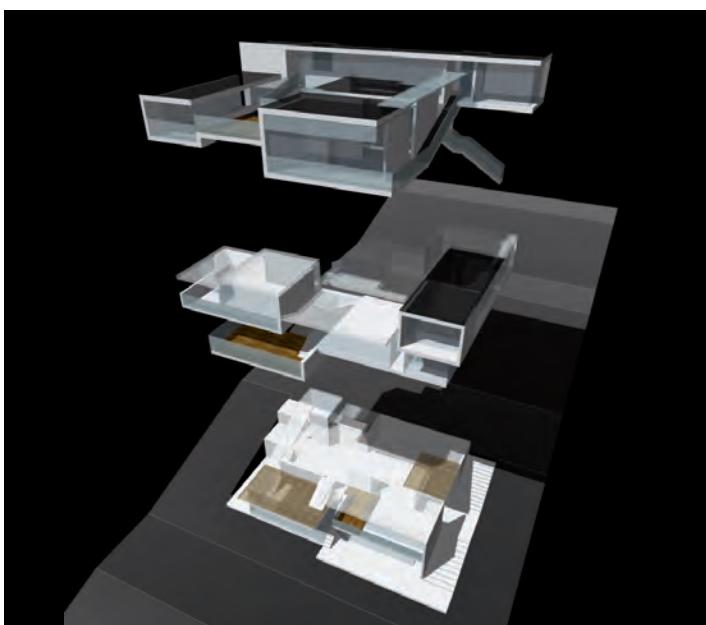


The split level spiral spatial arrangement culminates in a panorama window

Location
Beirut, Lebanon

Residential

For a plot on a steep slope, the scheme proposes three different apartments with separate accesses. The interlocking of the apartment volumes allows for spatial variety, diverse floor heights as well as multiple orientation and vistas in each housing unit. Loggias, verandahs and patios complement the interiors and offer tempered exterior spaces in its mediterranean environment.



Build-up of the three apartment units which different room heights and outdoor spaces.

architecture
masterplanning
landscape
interiors

Location
Vienna (AUT)
Assignment
Design and building
permit 2003

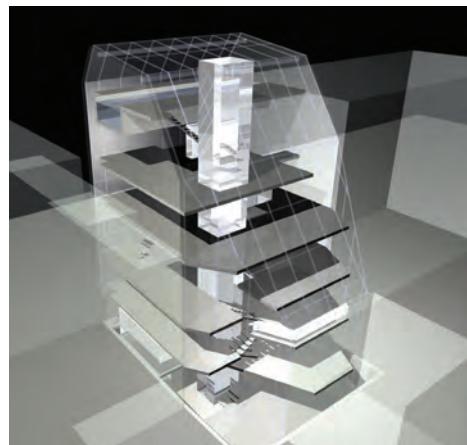
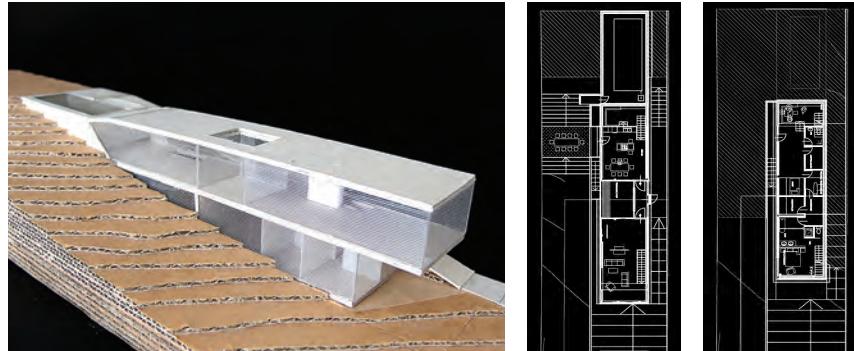
Client Fam. Stockmayer
Net Area 250m²
Cost approx.330.000 Euro



Residential

Stockmayer House

The horizontal slab that jets out of the north facing slope includes a spacious living room, atrium, kitchen and dining space, while its roof integrates a swimming pool with a terrace. Sleeping and private spaces are enclosed in the base.



Location
London (GB)

Assignment
Preliminary design 2002

Client Fam. Yaseri
Cost approx.500.000 Euro

Residential

The deficit of having only a front and a back view in an infill house is mitigated by inserting two additional sky lit staircases at the partition walls, creating thus a spiral circulation at the house's four exterior sides. The vertical circulation connects a layering of the brief which spans from a double volume winter-garden living room and kitchen in the lower floors to a club room around an open air swimming pool at the roof top.

Location
Fürstenfeld Austria

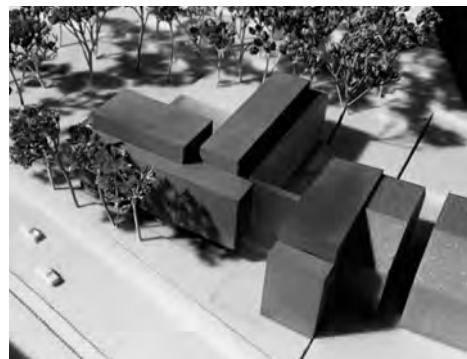
Assignment
Preliminary design 2002

Client Fam. Gidwani
Net Area 550m²
Cost approx.500.000 Euro



Residential

The trumpet shaped house hovers over the south facing vast sloping terrain. The fan shaped cascading roof accommodates a courtyard, a garage, bedrooms, a guest suite, kitchen, dining and a loft-like living room with terraces.



Location
Vienna (AUT)

Residential

Forty one apartments of various types and sizes are organized around a central core of common stairways and elevator. Duplexes of 120 m², accessed from the ground floor, are combined in this scheme with double-loaded, central corridor units of 35 to 70 m² and single-loaded, gallery-access units of 70 to 120 m².

architecture
masterplanning
landscape
interiors

Location
Vienna, Austria
Client
City of Vienna

Assignment
Competition Finalist 2005

Location
Eastern Province, Saudi
Arabia

Client
United Nations
Ministry of Environment
Assignment
Competition 2011 - first prize

Urban Design

Mozart Pavilion 150 years commemoration



Glass

Alluding to the ephemeral character of the pavilion, its triangulated glass tectonic stands in a contrast to its classicistic surrounding buildings.

The diamond glass pavilion hovers above a parking ramp that tangents a frequented pedestrian area in Vienna. By occupying and shielding the least attractive location in the plaza, the rhomboid shaped pavilion offers two entrances, a walk-through access and flight of stairs and ramps which allow seating and leisure areas for citizens and visitors alike.

architecture
masterplanning
landscape
interiors

Location
Dubai, UAE

Assignment
Competition 2012

Client
Meraas Development LLC



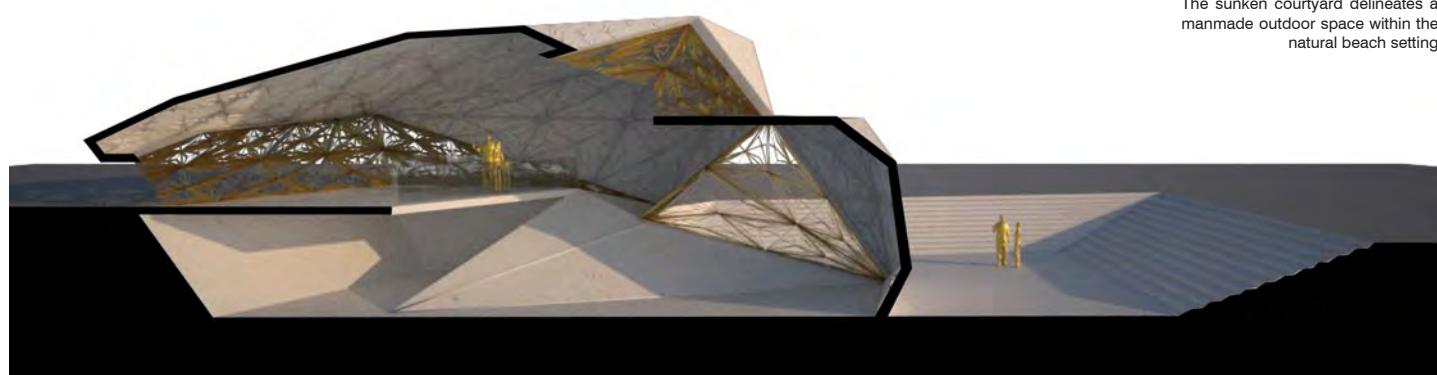
Urban Design

Pavilion



The duality of two volumes with an oblique direction contrasts the array of prismatic towers and the monotony of the local topography

As part of a strategy of activating the sea front, this two shell pavilion prototype offers two levels that can be accessed from both the street level as well as from a sunken courtyard. This duality allows functional flexibility and an optimal interface with the surrounding space. The triangulated folded structure permits a simple steel construction with insulated sandwich panels that can be ornate with geometrical etched patterns and lattice windows.



The sunken courtyard delineates a manmade outdoor space within the natural beach setting

architecture
masterplanning
landscape
interiors

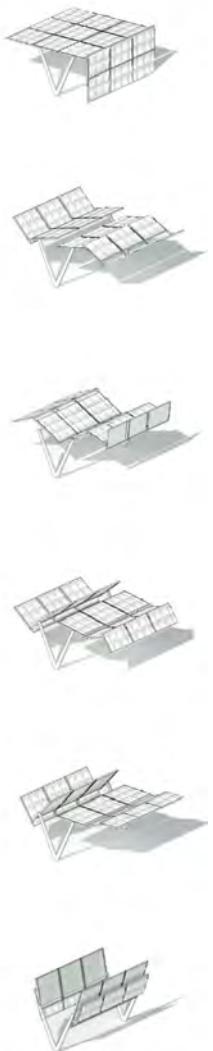
Location
Dubai, UAE

Assignment
Competition 2012

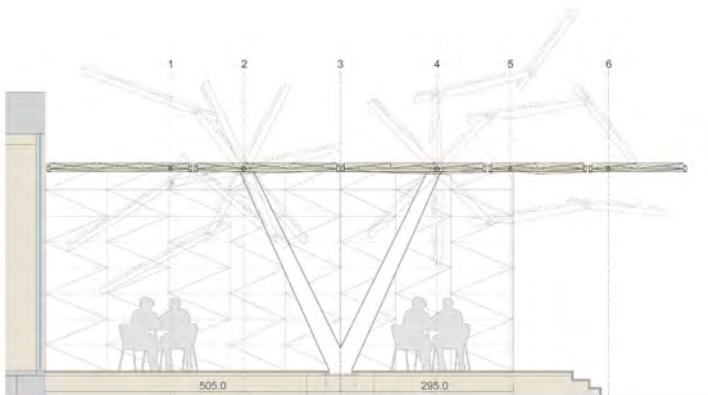
Client
Meraas Development LLC

Urban Design

Sun Shading Structures



Arrayed modular metal lattice panels that can be moved and locked in place in six different positions, offer a vivid urban space for outdoor cafés and store fronts. While all the V shaped columns are fixed and aligned, the movable panels can be adjusted according to the different sun inclinations angles and seasons. The hinge and pin joints are combined with tension steel wires to avert any uplift.

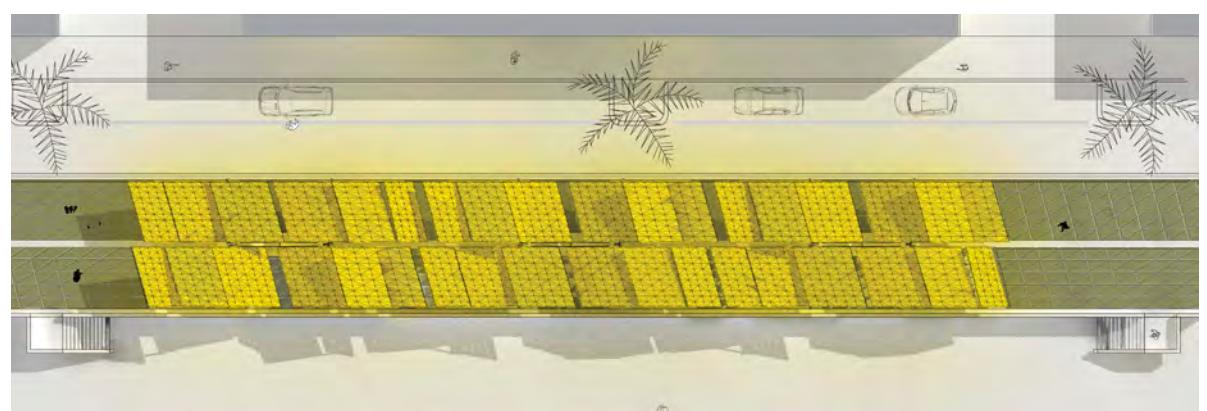
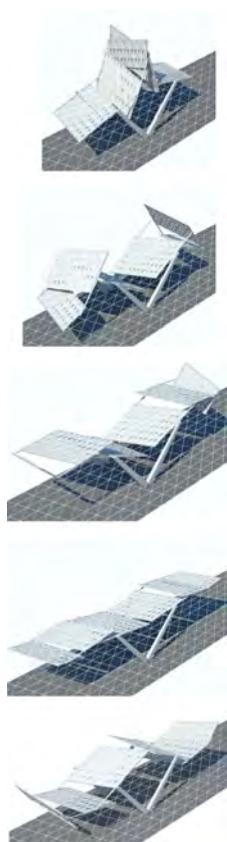


Promenade



Two rows of columns create a shaded plaza

When arrayed, the fixed lattice sun shades which are inclined according to four different angles offer the visual effect of tree foliage. The shades are mounted on a grid of beams which branch out from the V shaped columns.



Interior Design Experimental Architecture

Chalabi Architekten und Partner ZT GmbH
(CAP)

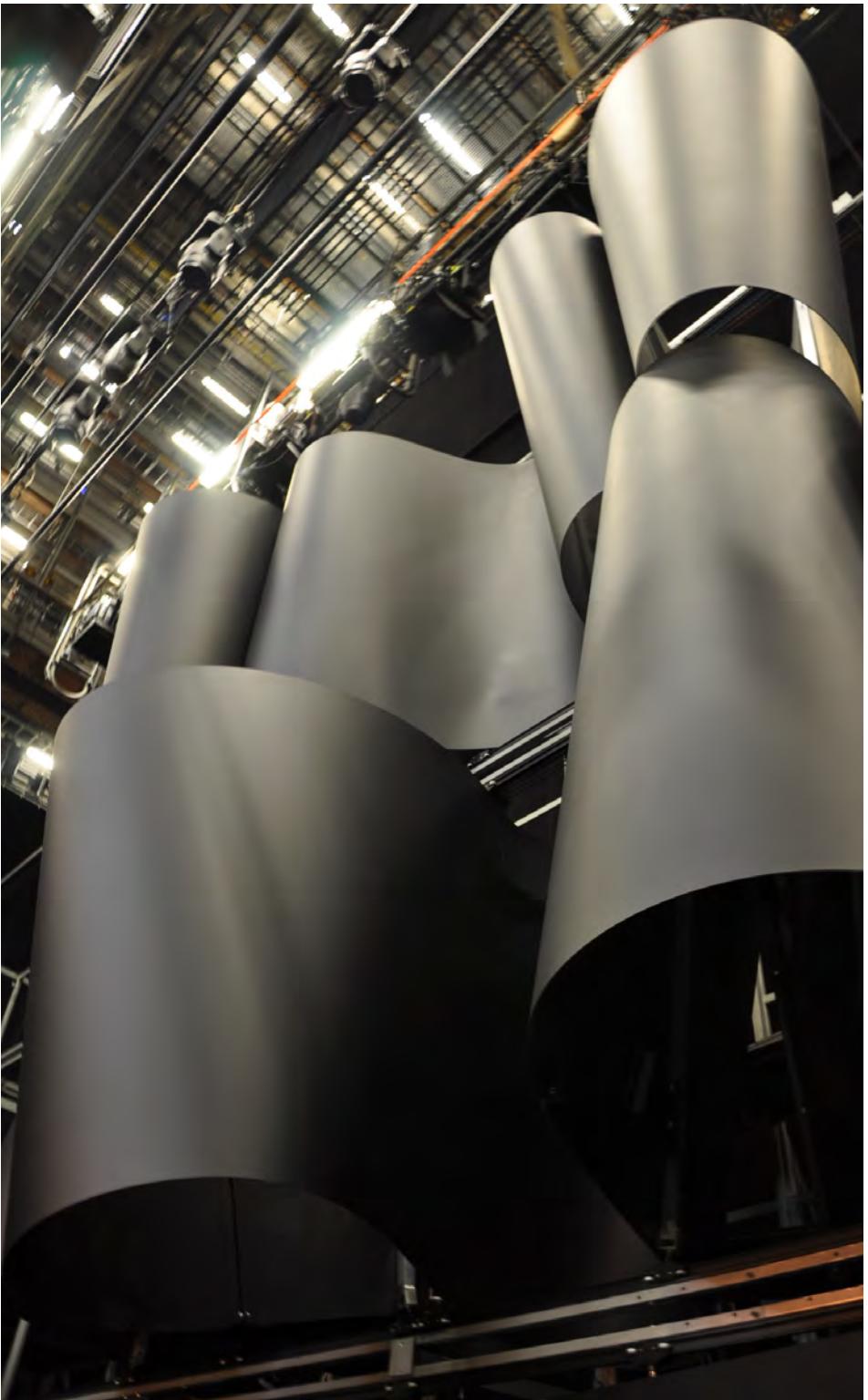
architecture
masterplanning
landscape
interiors

Location
St. Petersburg, Russia

Client
Mikhailovsky Theater, St.
Petersburg, Russia

Scenography

Stage Design



architecture
masterplanning
landscape
interiors

Location
Spain

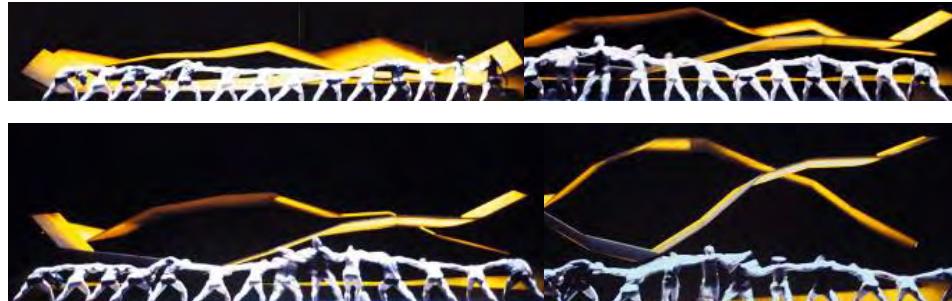
Client
Spanish Ministry of Compania
Nacional de Danza

Award
Austrian Award for
Experimental Architecture

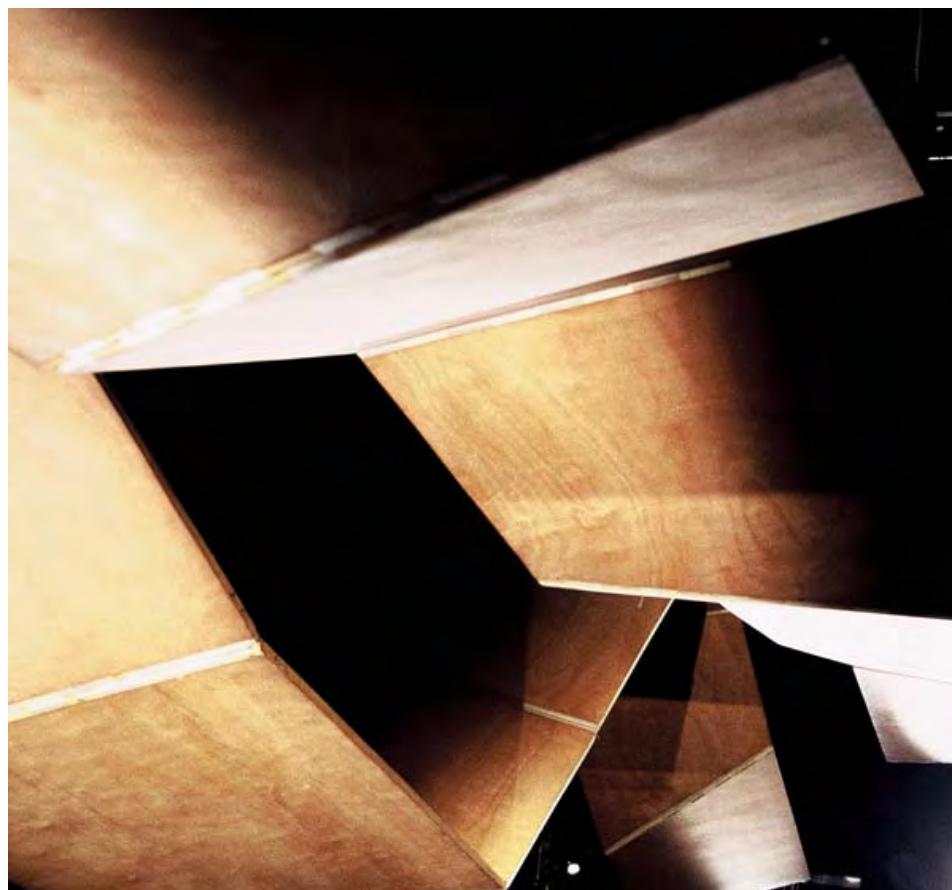
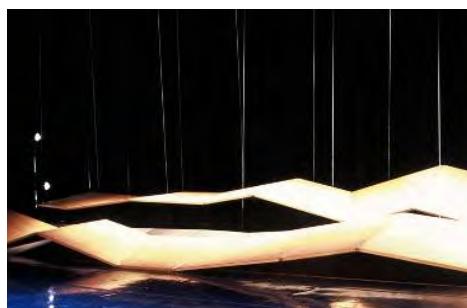
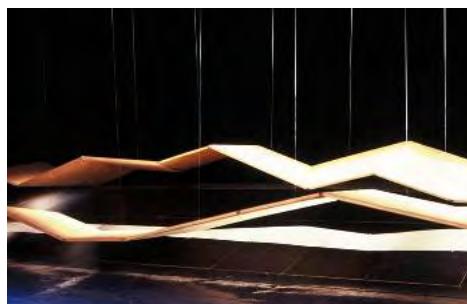


Scenography

Stage design - Txalaparta_CND_N.Duato Madrid



First performance premiered at the Royal Opera House of Madrid. Txalaparta is a long wood Basque percussion instrument. The set design refers to the long wood boards, as a transformational element that moves in congruence with dance. Different shapes are generated through these movements enabling the scenes to change in congruence to those spatial transformations generated by dance. The ramp surface counterparts a suspending stripe as an ascending surface, to accentuate the vertical spatial relationship.



architecture
masterplanning
landscape
interiors

Location
Hevel

Client
Spanish Ministry of Culture

Scenography

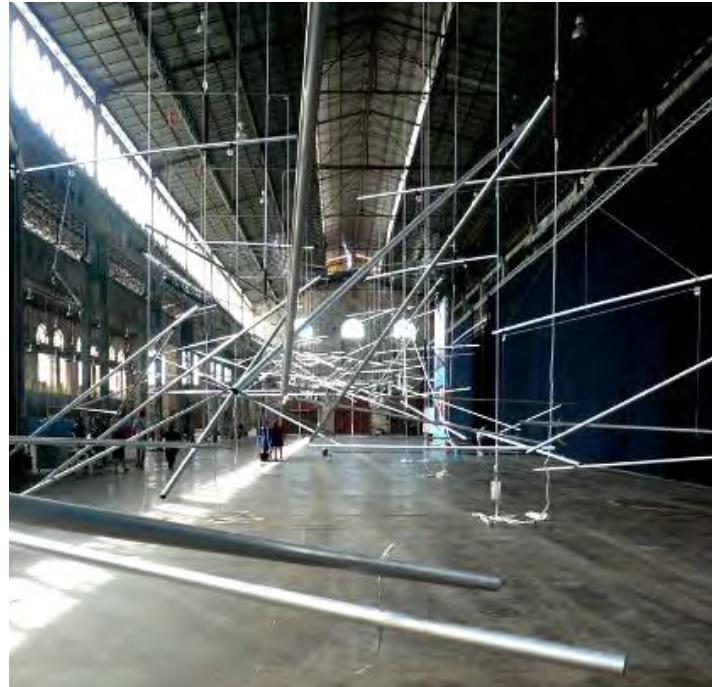
Stage Design 2007 Compania Nacional de Danza_CND_N.Duato



First premiered at Teatro Leceu_Barcelona. Three revolving panels simulate different spatial and geometrical compositions. Fragmentation of space as a conceptual approach to the topic of the title. The structure is an interactive element of the ballet and is operated by the performers.

Experimental

Architectural Object at the Nave of Sagunto



Sequences of wave movements defines the main characteristics of this architectural installation. The metaphor of wind and fluid movement represents the main theme of this concept. The floating surface finds itself in permanent equilibrium similar to the dancing human body found in alternating temporal conditions. Any movement of the suspended structure sets continuous sequential sub-movements similar to the behaviour of a wave. The industrial site of the Nave of Sagunto represents a suitable location for this theme with its direct proximity to the sea side. The resulting forms are generated by a chain of modular aluminium tubes which are reminiscent of the architectural context of the Nave.



Organizational Chart

Chalabi Architekten und Partner ZT GmbH (CAP)

EMPLOYER/OWNER

LEAD CONSULTANT

CHALABI ARCHITEKTEN & PARTNERS

Principal & Architect
TALIK CHALABI

Principal & Architect
JAAFAR CHALABI

Regional Manager
**AYAD
AL-MESHEDANY**

MEP Manager
**ELECTRICAL
SHWAN NOURI**

Architects

Senior Architect PQP Estidama
KARL J. MUCKENSCHNABEL

Senior Architect
CHRISTOPH OPITZ

Senior Architect
NATALIA CTVRTNICKOVA

Senior Architect
MATHEW SOFRONIOU

Senior Architect
ISABELLA KRUSE-JARRES

Landscape

Landscape Designer
CINTIA NAGY

Interior

Interior Designer
KARIN LEEB

Structural Engineer

**BOLLINGER GROHMAN SCHNEIDER
ARNE HOFFMAN
MARTIN EPPEN SCHWANDNER**

Cost Consultant

**SWEETT
SPENCER WILI
YOGENDER GUPTA E**

Mechanical Electrical Plumbing

**HIDI RAE
AHMAD SHAKIL C.Eng.,P. Eng,MCIBSE, LEED AP,
ME
Mechanical LEED AP GURPRET MAINI**

Fire Consultant

**LOCKE CAREY
fire engineer BRAIN WALTERS
fire engineer VIJAI ACHARY**

Vertical Transportation Systems

BARKER MOHANDAS

on
site

Subconsultants

Chalabi Architekten und Partner ZT GmbH (CAP)

Chalabi Architekten und Partner ZT GmbH (CAP)

Structural Engineering



The Frankfurt / Vienna /Paris based internationally renowned structural engineering firm Bollinger and Grohmann has been our partner since the year 2001 on several projects/entries. This collaboration has always enhanced our designs a higher structural efficiency/innovation, as much as it secured the intended architectural quality. For further information, please refer to the website www.bollinger-grohmann.de



FOUNDED
1983 in Darmstadt
since 1987 in Frankfurt/Main
since 2001 in Vienna
since 2007 in Paris

TYPE OF BUILDINGS
Administrative/office buildings
Art, event und exhibition buildings
Bridges, roofs, towers
Social and welfare buildings
Residential buildings

**BOLLINGER &
GROHMANN**
Structural Engineering

LIST OF PROJECTS



BMW EVENT AND VEHICLE DELIVERY CENTER

Location Munich
Client BMW Group, Munich
Architect Coop Himmelb(l)au, Vienna
Period 2001 - 2007
Gross volume 470.000 m³
Gross floor area 25.000 m²



NATIONAL LIBRARY OF KING FAHAD

Location Riyadh
Client High Commission for the Development of Riyadh (ADA)
Architect Gerber Architekten, Dortmund
Period since 2004
Gross floor area 55.000 m²



CRIMINAL COURT RIYADH

Location Riyadh
Client High Commission for the Development of Riyadh (ADA)AS&P
Architect Albert Speer und Partner, Frankfurt am Main
Period since 2005
Gross floor area 15.000 m²



MARTA MUSEUM FOR FURNITURE, CULTURE AND ART

Location Herford
Client Gemeinnützige Gesellschaft für Möbel, Kultur und Kunst
Architect Frank Gehry & Associates Inc., Santa Monica
Period 2000 - 2005
Gross volume 37.900 m³



KUNSTHAUS GRAZ

Location Graz
Client Kunsthau Grazer AG
Architect spacelab UK Peter Cook, London, Colin Fournier
Period 2000 - 2003
Gross volume 65.300 m³
Gross floor area 8.300 m²



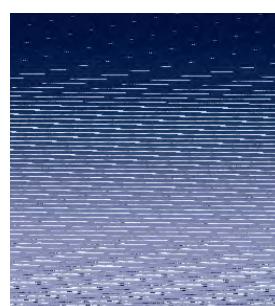
VIENNA DC TOWERS

Location Vienna
Client Vienna DC Donau-City
Architect Dominique Perrault Architect, Paris,
Hoffmann - Janz
Period since 2005
Tower 1
gross floor area 86.500 m²
Tower 2
gross floor area 58.000 m²



ROLEX LEARNING CENTER

Location Lausanne - CH
Client Ecole Polytechnique Federale
Architect SANAA - Sejima
Period 2007 – 2010



EUROPEAN CENTRAL BANK HQ

Location Frankfurt/Main
Client ECB, Frankfurt
Architect Coop Himmelb(l) Vienna
Period 2005 - 2012
Gross volume 766.000 m³

Credentials

Chalabi Architekten und Partner ZT GmbH (CAP)



Professional License

رخصة مهنية

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No. of Chambers Members:	563921	رقم عضوية الغرفة :
Legal Form :	Foreign Branch - Austria	الشكل القانوني : فرع أجنبية - النمسا
Trade Name :	CHALABI ARCHITEKTEN UND PARTNER ZT GMBH - ABU DHABI	الاسم التجاري : شلبي أرخيتكتن آند بارتنر زت جي بي. جي أم بي إنلش - أبوظبي
Issue Place :	Abu Dhabi	مكان الاصدار : أبوظبي
Establishment Date :	16/02/2011	تاريخ تأسيس المنشأة :
Issue Date :	26/02/2013	تاريخ الاصدار :
Expiry Date :	25/02/2014	تاريخ الانتهاء :

نوع الشراكة Partner Type	الجنسية Nationality	الوصف Description	الرمز No.
مالك Owner	النمسا Austria	Shellabi Architekten und Partner Zt. Gmbh	30012578
وكيل خدمات Sponsor	الإمارات العربية المتحدة United Arab Emirates	سوف محمد عبد نعسان الكعبي	20048377

Commercial Activities :

- Architectural Engineering Consultancy

الأنشطة التجارية :

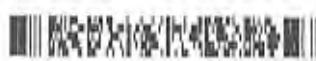
- استشارات في الهندسة المعمارية

Address :

العنوان : جزيرة أبوظبي، كورنيش، ورقة عبدالله سلطان بن سليم



207482





دَارِ الإِقْوَانِيَّةِ الْإِقْوَانِيَّةِ
كَلْمَةِ الْإِقْوَانِيَّةِ الْإِقْوَانِيَّةِ
DEPARTMENT OF ECONOMIC DEVELOPMENT

شَهَادَةٌ تَصْنِيفِهِ كَسْتَشَارِيٍّ

رَقْمُ الطَّلْبِ: 19165
رَقْمُ التَّصْنِيفِ: 1736
تَارِيخُ الإِصْدَارِ: 2013-01-27
تَارِيخُ الْإِنْتَهَاءِ: 2015-01-26

الإِسْمُ:	شَلْبِيُّ أَرْخِيْتِيْنَ آنْدَ بَارِنَرْزِيُّ تَيْ. جَيْ أَمْ بِيْ أَنْشَ - أَبُوظِبِي
الفَاسِخُ:	CHALABI ARCHITEKTEN UND PARTNER ZT GMBH - ABU DHABI
ص.ب.:	: Name
العُوْنَانُ:	الشَّكْلُ الْفَنَّانِيُّ:
أَبُوظِبِيُّ : شَارِعُ كُوَرِنِيْش - بَنَيَّةُ وَرَثَةٍ / عَبْدِ اللَّهِ سَلَطَانِ بْنِ سَلَيْمَ	فَرْعُ شَرِكَةِ أَجْنبِيَّةٍ طَالِقِ شَلْبِيُّ / TALIK CHALABI

يُعْتَبِرُ الإِسْتَشَارِيُّ مَصْنُونَا بِالْفَلَافَاتِ وَالْتَّخَصِّصَاتِ التَّالِيَّةِ طَبِيقًا لِنِظَامِ رَقْمِ (1) لِسَنَةِ 2009 بِشَانِ تَصْنِيفِ مَكَابِنِ الإِسْتَشَارَاتِ الْهَنْدِسِيَّةِ فِي إِمَارَةِ أَبُوظِبِيِّ :

الْأُولَى : اسْتَشَارَاتٌ فِي الْهَنْدِسَةِ الْمَعَارِيَّةِ/ تَصْمِيمِ

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عَلَى جَهَاتِ الْإِخْتَصَاصِ التَّأْكِيدُ مِنْ وَجْدِ الْعَلَمَةِ الْمَهْنَدِسِيَّةِ عَلَى الشَّهَادَةِ.

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وزارة الاقتصاد

ادارة التسجيل التجاري

شهادة تجديد قيد منشأة أجنبية

تنفيذاً لأحكام القانون الاتحادي رقم (٨) لسنة ١٩٨٤ وتعديلاته في شأن المنشآت التجارية ولاحقه التنفيذية.
فقد تم تجديد قيد المنشأة المبينة أدناه في سجل المنشآت الأجنبية وفقاً لما يلى :-

رقم القيد : ٣٨٤٩

تاريخ القيد : ٢٠١١/٣/١٥

اسم المنشأة : شلبي أرخيكتن آند بارتنر زي تي جي أم بي اتش

CHALABI ARCHITEKTEN UND PARTNER ZT GMBH

الجنسية : النمسا AUSTRIA

عنوان المركز ليننجراسي ١٢/٤ - ايه ١٠٧٠ فيينا - النمسا
الرئيسي :

العنوان داخل الدولة : ١١٢٣٤٥ - كورنيش - بناء: ورثة عبدالله بن سليم - أبوظبي

اسم الوكيل : سيف محمد عبيد نعمان الكعبي
مدير المنشأة: طالب شلبي

لمدة تنتهي في : ٢٠١٤/٣/١٤

نوع النشاط : الاستشارات الهندسية المعمارية.

وكيل الوزارة المساعد

للشؤون التجارية



تحريراً في :

٢٠١٣/٠١/٢٩