

PORTFOLIO
architecture
michail_xirokostas



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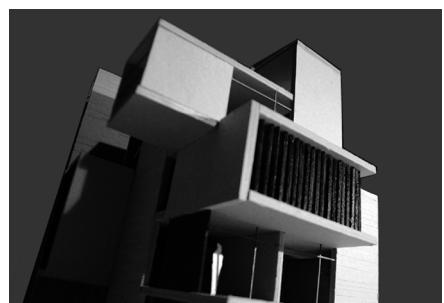
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Xirokostas Michail



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PERSONAL STATEMENT

I am an undergraduate architecture student at N.T.U.A. (National Technical University of Athens). Through my interest and passion I believe that the proper design of each space improves the quality of the user's life.

For this reason, I consider each new project to be a personal challenge and I always aim to the most high-quality space production through dynamic architecture. Sociability, creativity, organizational skills and methodicalness are some elements that characterize me, while oftentimes I've been coordinating multimember group student projects which have been completed successfully.

One of my strengths is the human resources management, while at the same time I have the ability to cooperate successfully as a member team, with enthusiasm and diligence. At the moment, I prepare my thesis in N.T.U.A.

Meanwhile, I'm searching for an intern position in an architecture studio with enviable reputation, as I believe that my collaboration with an experienced firm, with remarkable architectural work and vision for/to the future, would be an important step in my evolution as an architect.

WORK EXPERIENCE

Personal Project

Double house in an olive grove in Messenia. Under construction
Housing design, organization and management of construction area

Interior Design of an apartment in Athens
Interior restoration of the apartment and special design of all furniture

Interior Design of a shoe store in the center of Athens

Team Project

Intern Architect at Pananakis Construction Company
Working as an architect, member of a multidisciplinary team in organization and management of construction area. (primary school in Alimos, Greece and science museum in Athens, Greece)

N.T.U.A (National Technical University of Athens)

Practical Training at N.T.U.A.

-Working in analysis of characteristics of traditional architectural settlement of Lagkadia, Greece
-Working in construction analysis - intervention of a traditional building in village Kaliessa, Iraklio, Crete, Greece

Participation as a key coordinator in events under the organization of N.T.U.A.

-Cultural events and Exhibition of 50 years after Le Corbusier's death.
-Symposium on "Architectural Heritage"
-Night researcher 2015

EDUCATION

Sep 2011 - Feb 2017

National Technical University of Athens , N.T.U.A
Architecture Engineering (Bachelor + Master)

Feb 2016 - Jul 2016

University Fernando Pessoa, Porto, Portugal
Erasmus

Sep 2007 - Jul 2010

2nd High School of Kamatero, Greece
Greek nationals exams score 97/100
President at School Council (2007 - 2010)

REFERENCES

Available upon request.

SOFTWARE

Autocad
Autocad 3d
3D Studio Max , Vray

Adobe Photoshop
Adobe Premier
Adobe In Design

Laser Cutting
SketchUp
Microsoft Office

SKILLS

Architectural Design
Architectural Drawings
Hand Drafting & Modeling
Project Management
Sustainable Design

Urban Design
Urban Planning
Building Construction
Structural Analysis
Restoration

Sketching
Painting Architecture
Photography
Integration of Engineering Elements

EXHIBITIONS

- Sep 2016 Participated in Exhibition of Cultural Stapling of Buffer Zone, Nicosia, Cyprus
(Curation by K. Moraitis, A. Kourkoulas)
- Nov 2016 Participated in the International Exhibition on the Architectural Competition for Medical School in Cyprus. (Republic of Cyprus)
- Okt 2015 Participated in Exhibition of 50 years after Le Corbusier's death.
(Curation by P. Tournikiotis and K.Tsiampaos)
- Okt 2015 Participated in Exhibition of Redesign Rhodes.
(Municipality of Rhodes)
- Apr 2015 Participated in Exhibition in the Prague Quadrennial, " Reorganizing theatrical landscapes with students of architecture." (Assistant pr. N.T.U.A S. Gyftopoulos)
- Apr 2014 Participated in Exhibition of Architectural Inheritance of the Traditional Settlement of Lagkadia. (Municipality of Gortinia)
- Mai 2014 Participated in Group Art Exhibition.
(Curation by C. Kalaitzidou, P. Goulakos)

VOLUNTEER

- Mai 2014 Open House Athens.
Volunteer work as a Guide at Onassis Cultural Center SGT
- Mai 2015 Open House Athens.
Volunteer work as a Guide at Workshop by Dionisis Sotovikis
- Jun 2015 Night researcher 2015, N.T.U.A.
Volunteer work as a Guide

WORKSHOPS

Jul 2015 Architectural Heritage in the 21st Century Schwabisch Hall, Germany.
(Curation by Riva Lavva)
-Analysis of the architectural heritage of Schwäbisch Hall
-Presentation about the meaning of Memorials for the human civilization

Apr 2015 Redesign Rhodes, Greece
-Research and Site Analysis
-Design Proposal for the coastline of Rhodes

Sep 2014 Workshop architectTUNED
(Assistant pr. N.T.U.A K. Karadimas)
-Design Proposal for the Pavilion of RadioWorker

Jul 2011 4th summer Workshop at Thasos Island 'Interactive Environment and Architecture'
-Research and Site Analysis
-Design Proposal for the coastline of Thaso

LANGUAGES

- English** Full professional proficiency
Certificate of Proficiency in English University of Michigan
- French** Limited working proficiency
Certificate of Delf C1 in French
- Greek** Native proficiency

PUBLICATIONS

Aug 2016 **Inherent Simplicity**
European Competition - New Cultural Village of Cyprus
2nd Price
-Published in architectural site [greekarchitects.gr](#)
-Published in architectural [magazine EK](#)
-Published in architectural site [archdaily](#)
-Published in architectural site [competition line](#)

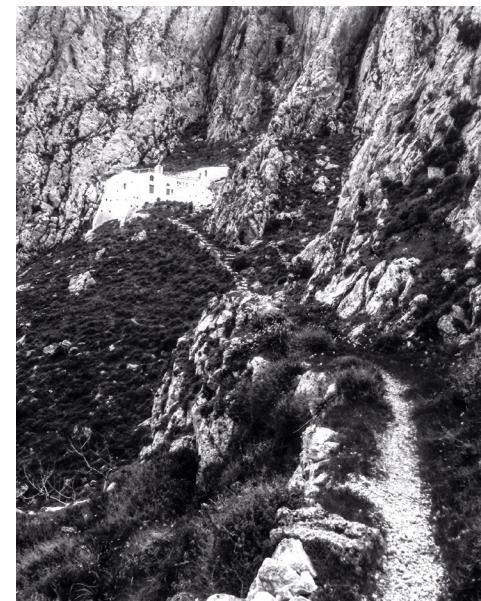
Fev 2016 **Introversive Structure**
International Competition for Medical School in Nicosia, Cyprus
-Published in [greekarchitects.gr](#)
-Published in architectural [magazine EK](#)

Jul 2015 **Redesign Rhodes**
-Published in architectural [magazine KTIRIO](#)

Hobbies

Photography, Cycling, Basketball, Surf

Competitions



Church at Santorini, Personal collection

01 Inherent Simplicity

European Competition - New Cultural Village of Cyprus I **2nd Price**

Architects: M. Xirokostas, A. Pyliotis, E. Fokialis, T. Panopoulos
2016

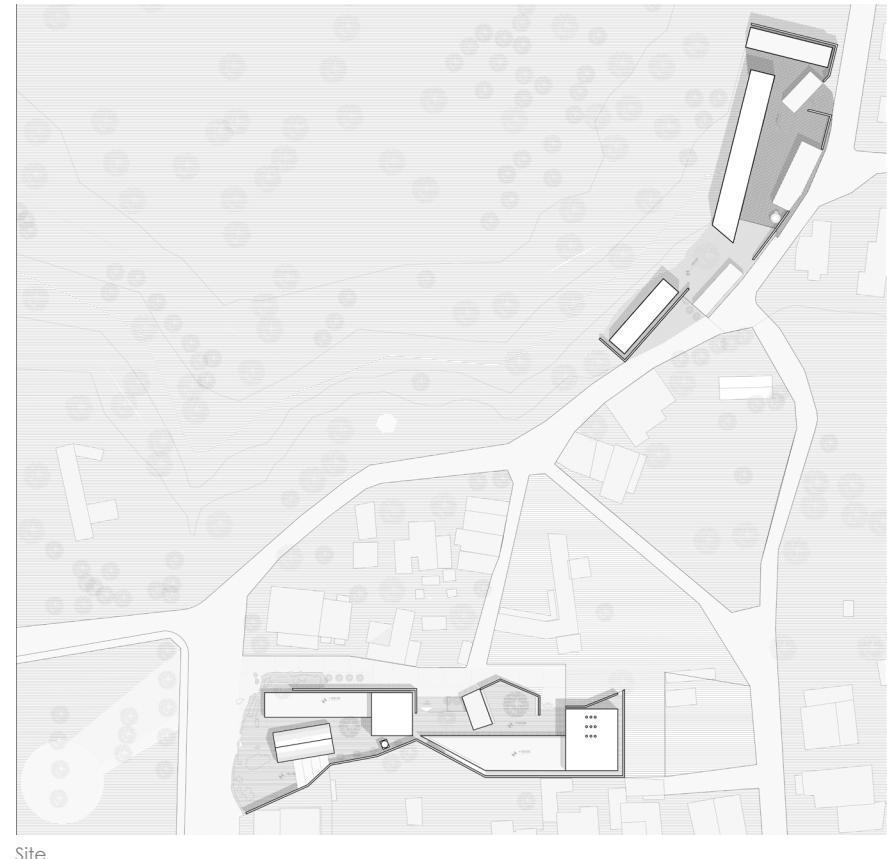


3d visualization patio/creative condenser

The proposal that the school and the guest houses be incorporated into the site, utilizing the light, the wind, the water and the planting –all constituent elements of the Mediterranean architectural expression- was a conscious intention from the beginning of this project. This proposal involves spatial arrangements of fundamental architectural archetypes, as well as elevates the importance of outdoor life, social osmosis and the vital relationship with nature to the condition necessary to artistic creation.

The faculty is a landmark for the area and the cultural village of Lemba, which houses the curriculum of the Cyprus Art College, accommodates visiting artists, as well as functions as a cultural space for both the villagers and the visitors. It is therefore a public building complex that functions as a training area and independent art and creation space, while remaining an integral part of the village, which forms, together with the square, a unified core and condenser of life. A complex that provides students and artists the right conditions in order to interact and socialize, to collect suitable stimuli from their environment, to evolve and to create.

The organization of the school around patios/social condensers with a different and variable degree of introversion, expressed through an inherent simplicity of shapes and forms, describes our architecture proposal for the School of Fine Arts of the Cyprus Art College.



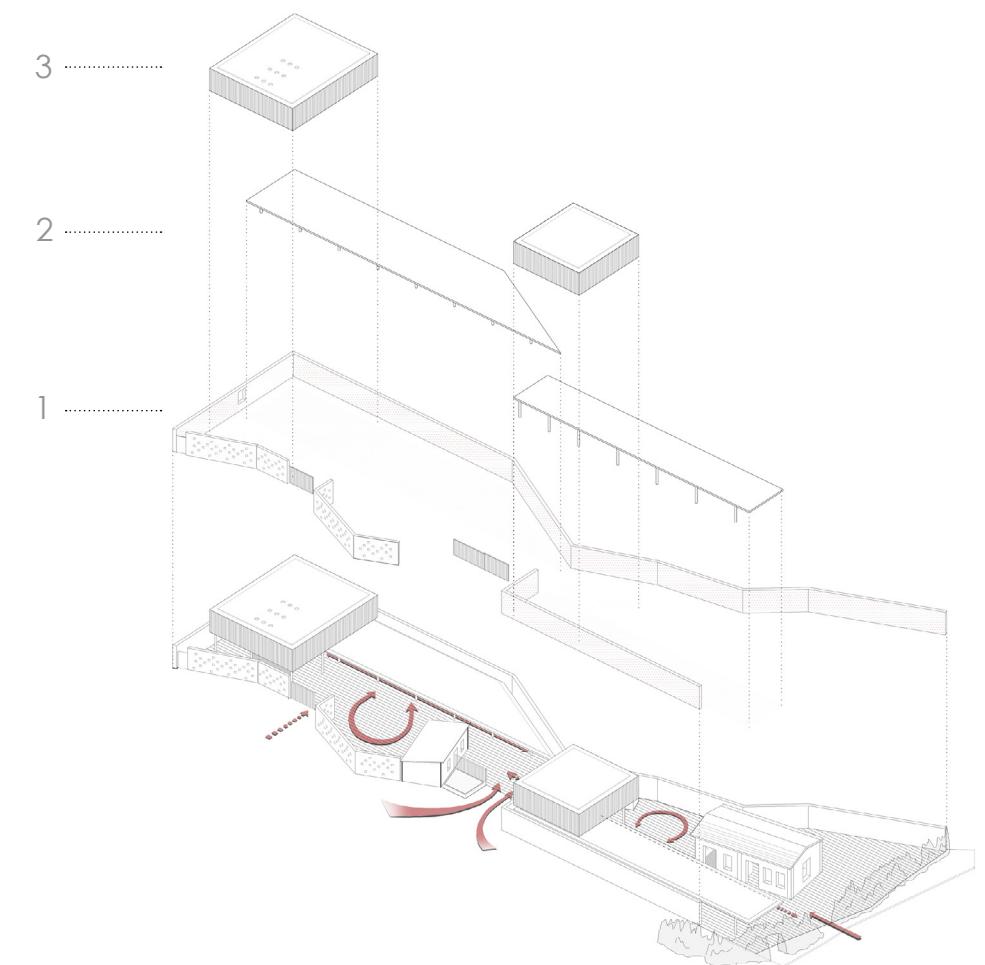
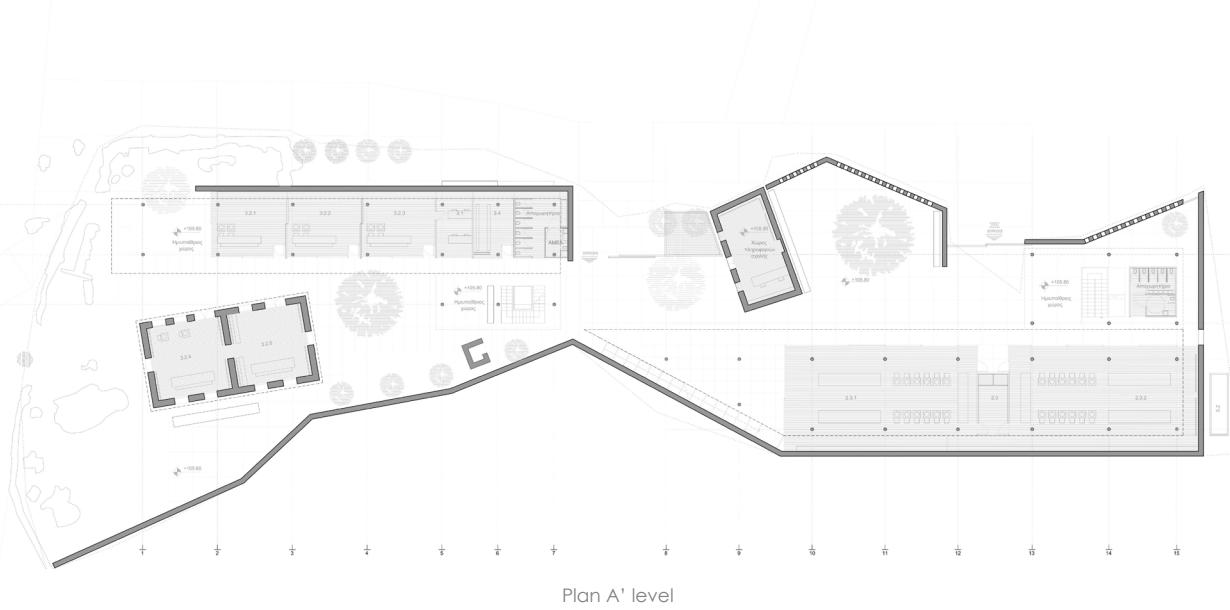
Main Idea of School

Three simple and geometrically clear lines configure the central concept and set up the proposal.

1.Two shear walls of compressed earth (rammed earth) in shape Γ , which follow the plot's borders, cut off the faculty from the "pluralism" of the adjacent buildings and comprise two distinct sections. A thinner, perforated shear wall of the same material is placed at the eastern boundary with the archeological site, distinguishes the main and the secondary (auxiliary) entrance and configures the limit/filter towards the archeological site.

2.Two panels, located at a distance from both shear walls, interact with them and house closed and semi-open spaces. They accommodate workshops and exhibition spaces, to allow integration with the outdoor space.

3.Two rectangular prisms, exalted with regard to the two panels and the shear walls, host the administration and teaching domains, form the public facet and set up the two patios/creative condensers, thus completing the composition.





3d visualization workspace



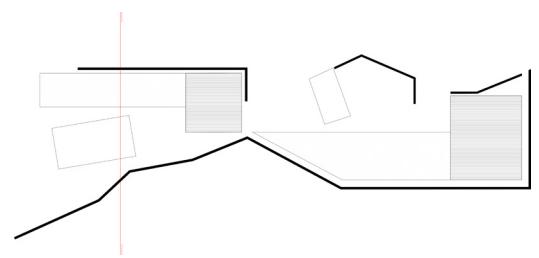
3d visualization entrance



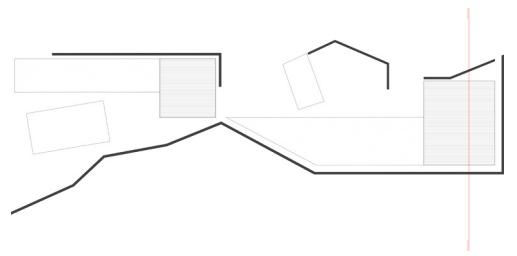
Elevation



Section



Section

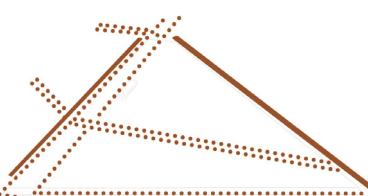
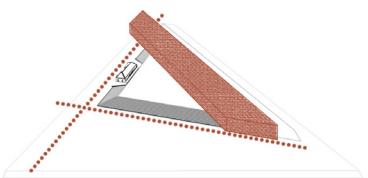
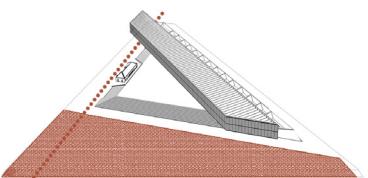
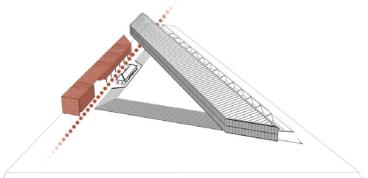
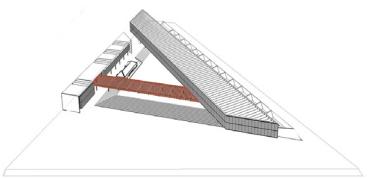
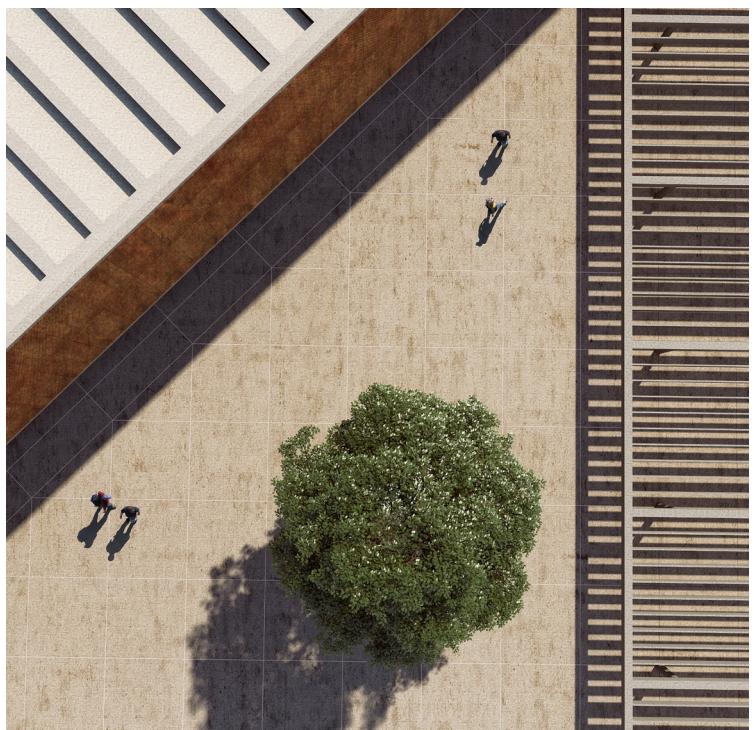


02 Trigonica Simplicitas

The emerging museum

International Architectural Competition for the New Cyprus Museum

Architects: M. Xirokostas, A. Pyliotis, E. Fokalis, T. Panopoulos
2017



Main idea diagram

5_A perforated canopy, located in the western limit of the square, completes the composition.

_The canopy penetrates the Antiquities Department and marks the entrance from the garden.

_It slides within the museum to mark the main entrance at square level.

_It outlines the square-which functions as a social capacitor-while enhancing the relationship of the composition with the landscape park.

4_Two transparent prismatic volumes, consolidated by an elongate linear plate, outline the limit of the composition towards the Municipal Garden.

_They outline and enhance the linear path -an extension of Omirou Street- that consolidates the Eleftheria Square with the museum.

_The linear prism is exalted with regard to the city; it houses the Antiquities Department and creates a public gallery that allows the free flow from the garden.

_The cubic prism is 'leaning' on the ground and addresses the Antiquities Department and the city; it houses the main library.

3_A brave gesture consolidates the level of the river Pedieos with the city level

_The expanded area, which is proposed to undergo landscape planning, acquires an amphitheatrical quality.

_The linear park of the river is dramatically connected with the square, the local cultural core.

_The marsh of Pedieos is dissolved. In its stead, we propose the construction of a water canal for bioclimatic reasons, which can also facilitate related activities.

2_A rectangular transparent prism is exalted with respect to the Square and the city, hosting the museum facilities.

_The dynamic edges of the structure leave an imprint on the sky, shaping the city skyline and marking its presence.

_A roofed indoors space (pilotis) is created at square level, intended for all the public functions of the museum, which cater and are catered for and by the square.

_The purity of the structure's geometry is ensured with modern filters that regulate the light and the relationship of the interior spaces with the city.

1_Different limits and the sections of the site outline the monolithic Museum Square, the core of the composition.

_It is placed higher than the city level, creating a space of transition from the city to the museum.

_It retreats as to the northwest and west limit of the site, expanding the green areas of the city.

_It is open to the park and the River Pedieos, while cut off from the hustle of Chilonos Street.

0_Recording the urban flows and analyzing the site on the basis of three different conditions with regard to its limits.

_South East: adjacent to Chelon Street, a busy highway

_North East: leading to Nechru Avenue and the Nicosia Municipal Garden, characterized by its distinctive plantation

_West: Pedieos River (essentially a stream), the linear park on either side of its bank and the area under landscape planning are visible



THE PRISM

- Flexible structure
- Artistic/ Cultural events
- Theater plays
- Music shows

LINEAR STOA

- Exhibitions
- Commercial activities
- Rest area

SEMI- OUTDOOR EXHIBITION

- At the terrace of the Department of Antiquities
- Accessible from the city's level

MUSEUM PILOTIS

- Temporary exhibitions
- Cafe/ Restaurant
- Gift shop

PUBLIC LIBRARY

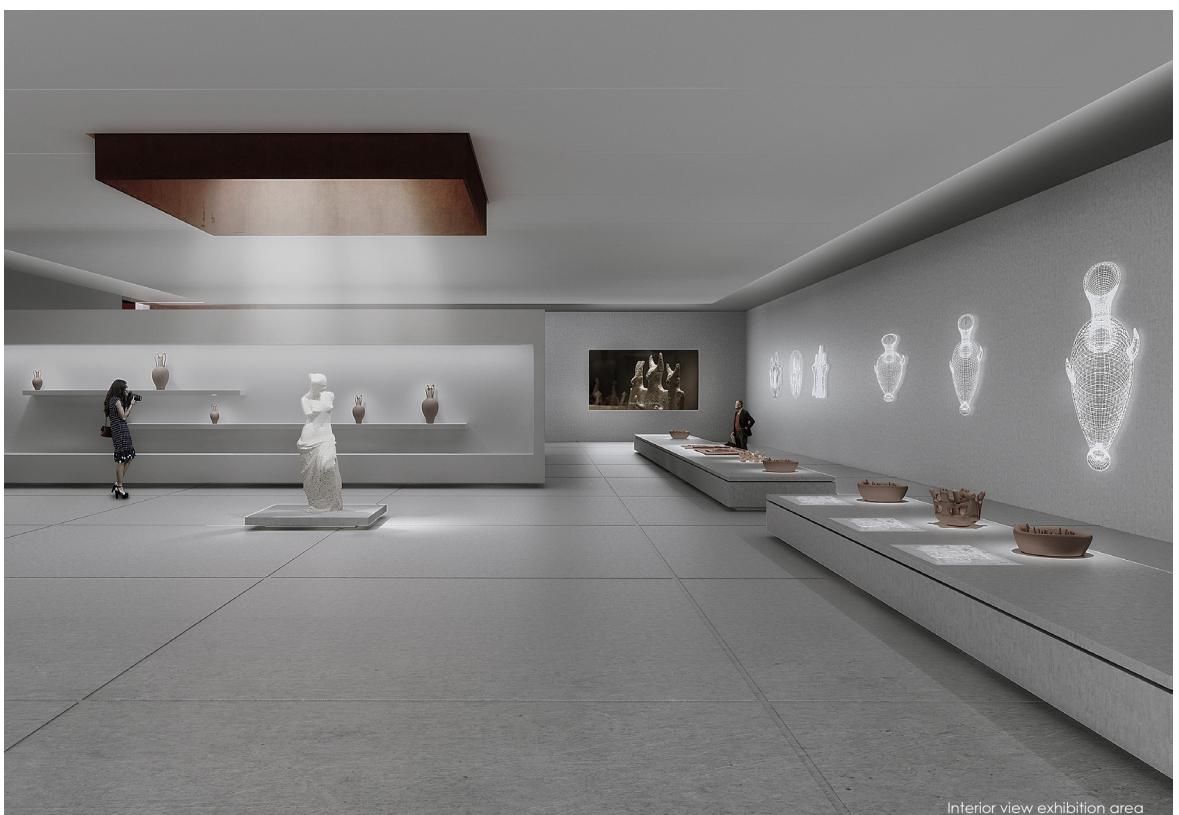
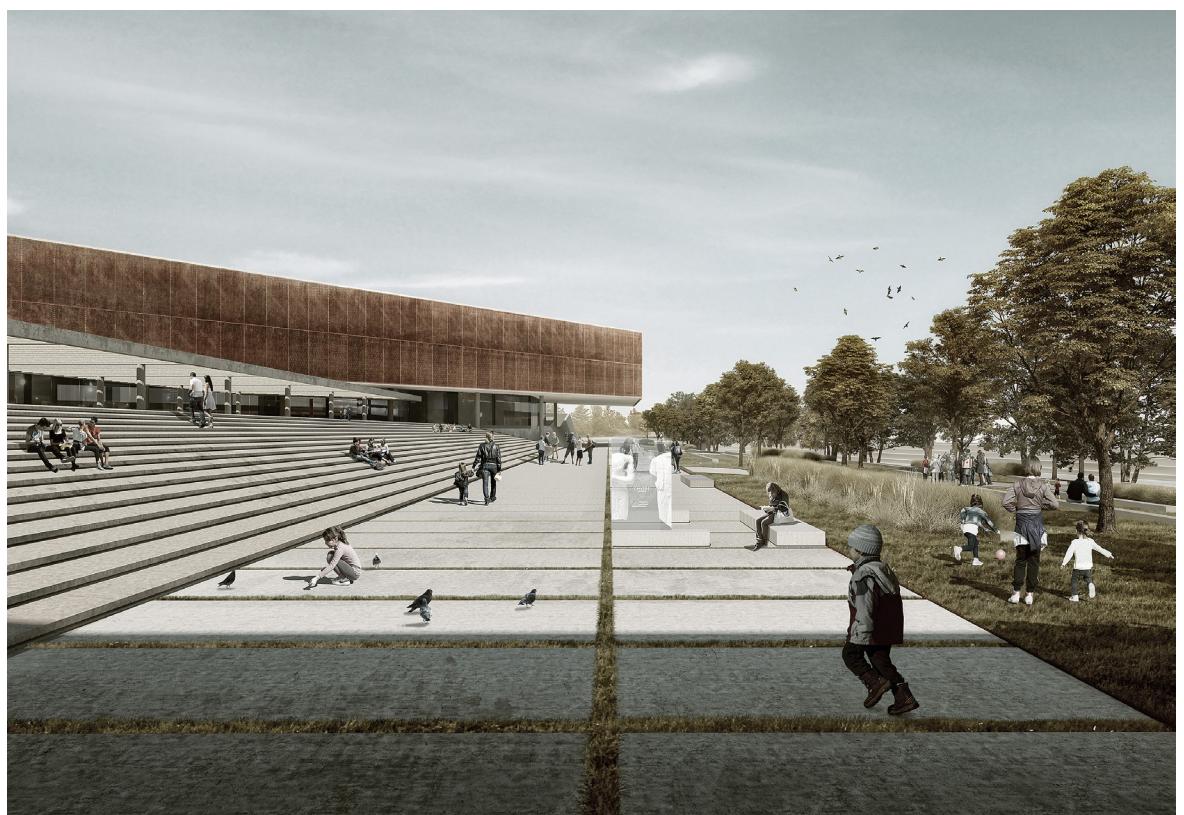
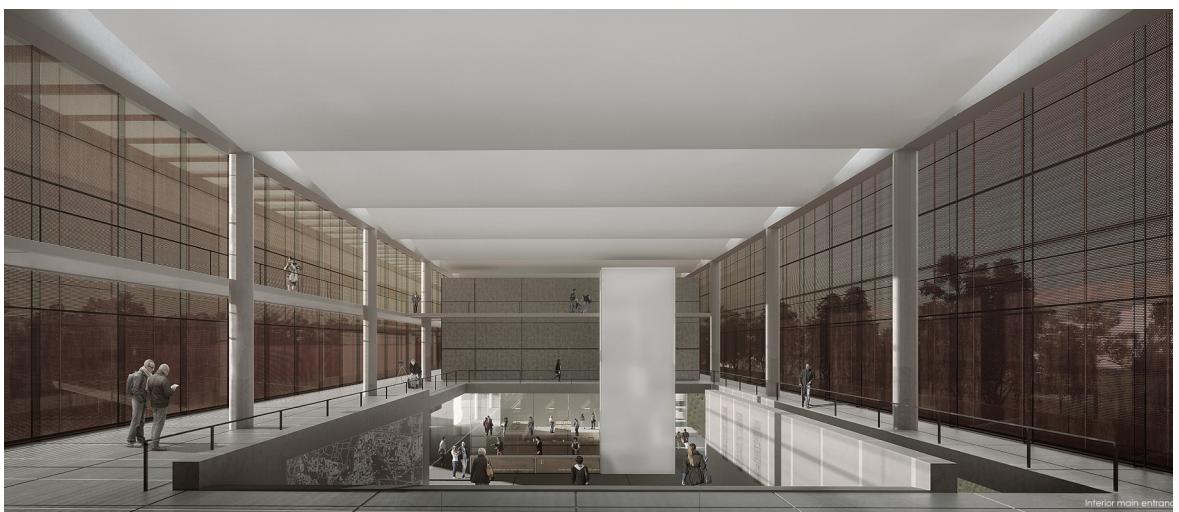
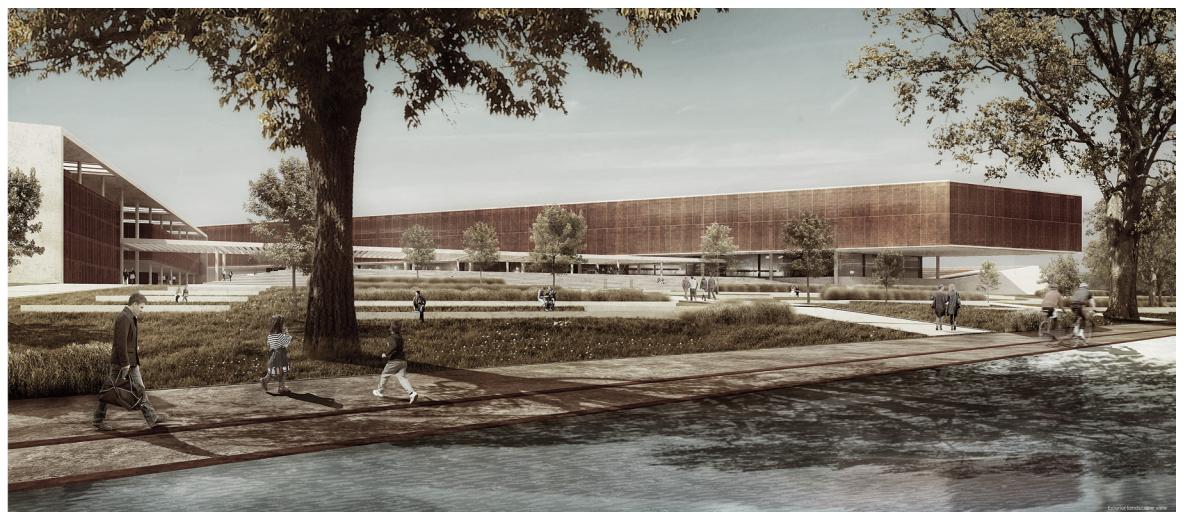
- Reading room open to the public at the first two floors
- Library Cafe

CULTURAL PARK

- Landscape park
- Cultural events
- Screenings
- Performances
- Vegetation variety
- Athletic activities



Bird's eye view



03 Introversive Structure

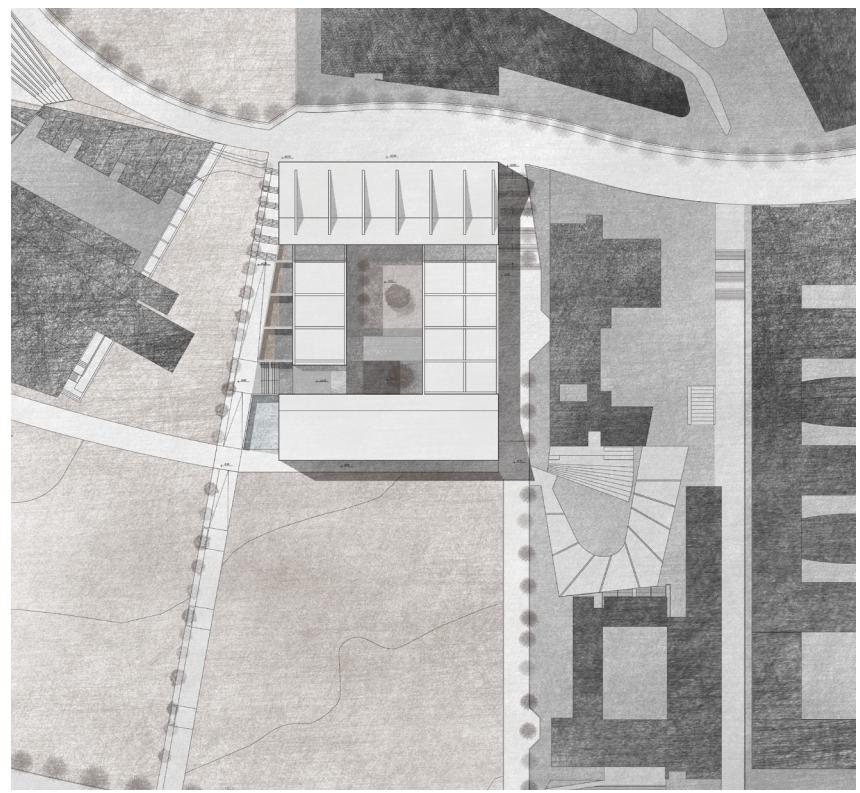
International Competition for Medical School in Nicosia, Cyprus
Architects: M. Xirokostas, A. Pyliotis, E. Fokialis, T. Panopoulos
2015



3d visualization medical school

Each architectural creation is characterized by an inextricable link with the site where it aims to integrate, forming relationships of interaction and reciprocity. So it was a conscious decision to systematically research and analyze the site before any synthetic choice. After studying the climatic and topological characteristics of Cyprus, but also of those of the campus complex, the study focused on the topography of the area, as well as the boundaries that surround it.

The principle of synthetic pursuit was the creation of a building, which is harmoniously integrated into the natural and built environment of the campus, which responds to the specific requirements of the students and teachers of Medicine. Medicine, a science that requires dedication, concentration and privacy, conditions that dictate the design of a School with an introversive structure. At the same time, of course, as a part of an entire university community, it must operate as a social condenser that is conducive to the social interaction of its users. Drawing a balance between these two opposing statements constitutes the main feature of the proposal.



Site

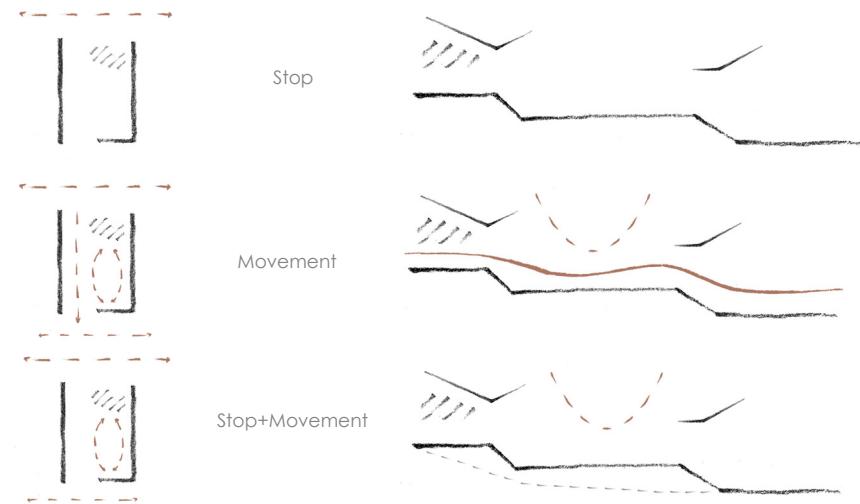




Diagram main idea

The proposal is composed of 4 synthetic options which are analyzed graphically as follows:

- 1_ In the Northwest boundary of the plot and across all of its width, we placed a linear shelter, which fulfills a dual purpose. Originally a prominent identifying item of the composition, it also creates a partially open air staging area to the pedestrian zone "Belvedere", which acts as transition from public space within the school.
- 2_ The space that constitutes the core of the school is the central patio. It is located one level below the entrance and consolidated with it through an amphitheater.
- 3_ We draw a linear axis that unifies all outdoor and semi-open spaces, starting from the main pedestrian zone and ending at the level of the building.
- 4_ Considering that a future expansion of the faculty at the southwestern limit of the plot is given, a basic compositional choice was the conception of the two plots as a single space of study, so that at the future integration of the two components of the faculty to can create a united and harmonious whole.



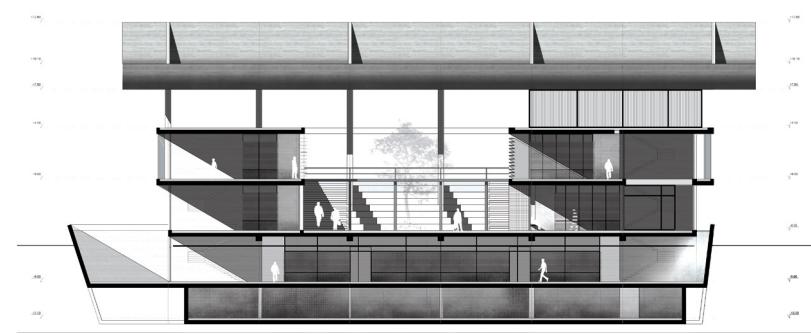
3d visualization patio



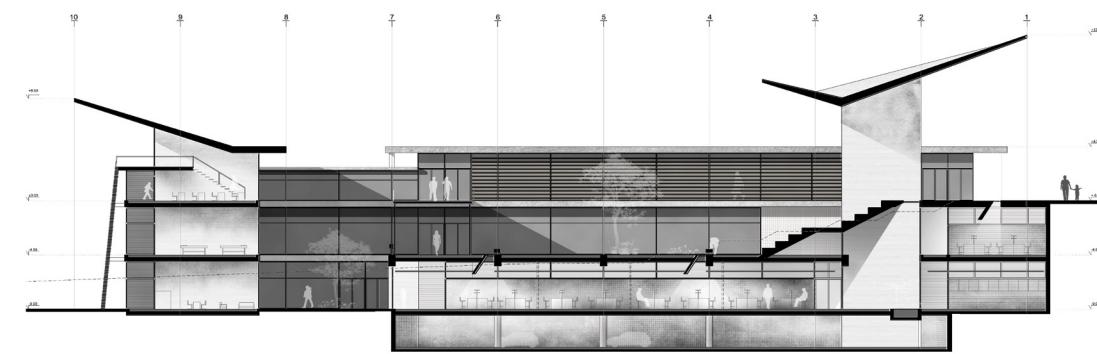
3d visualization patio



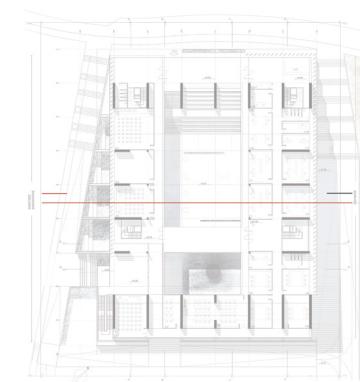
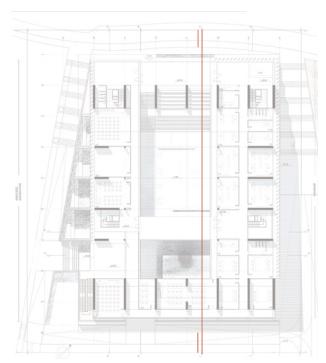
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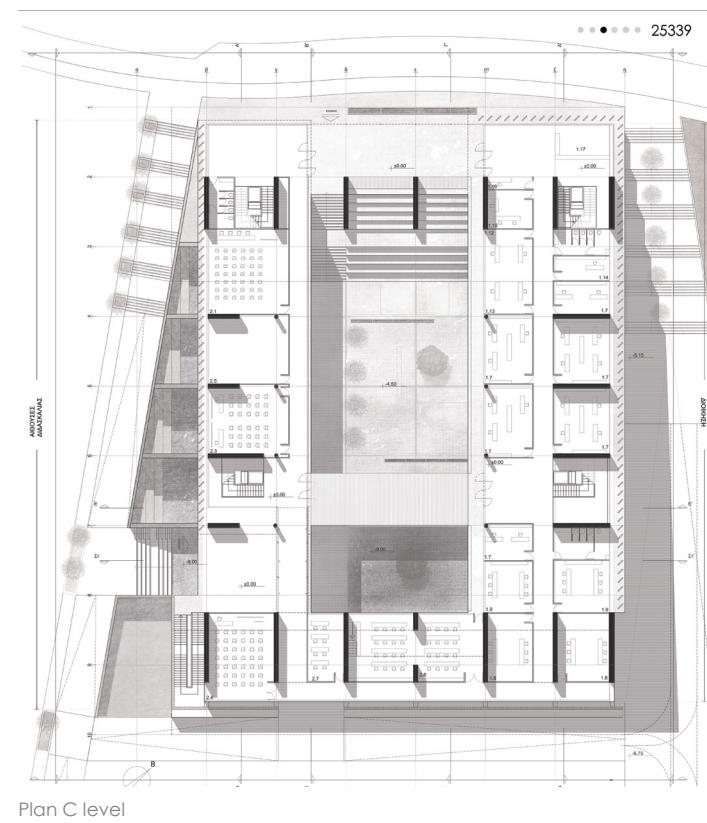
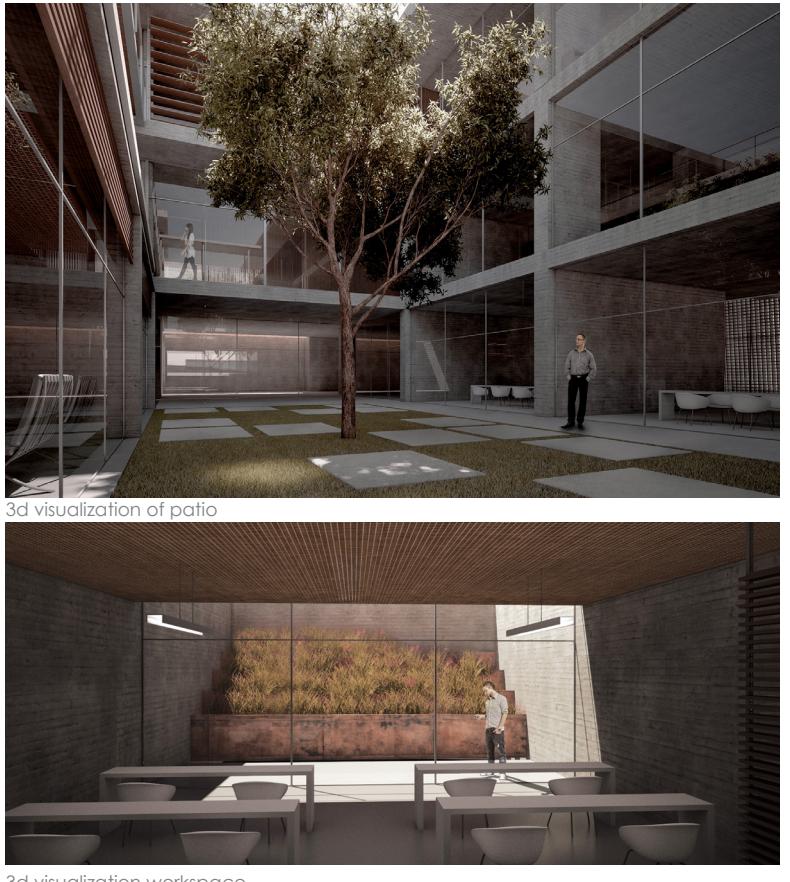
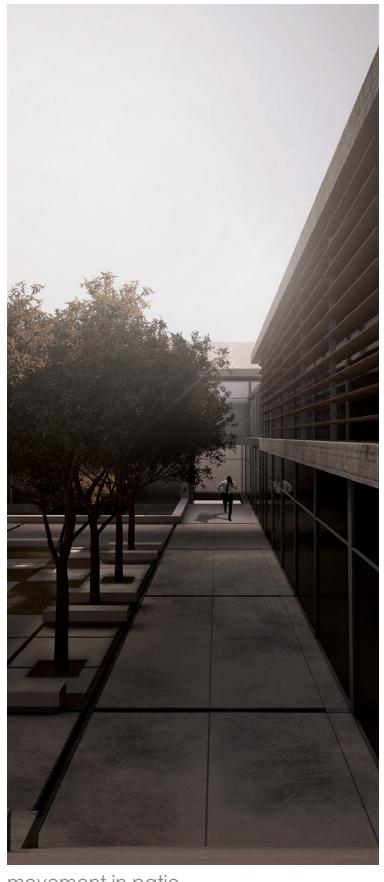


Section



Section

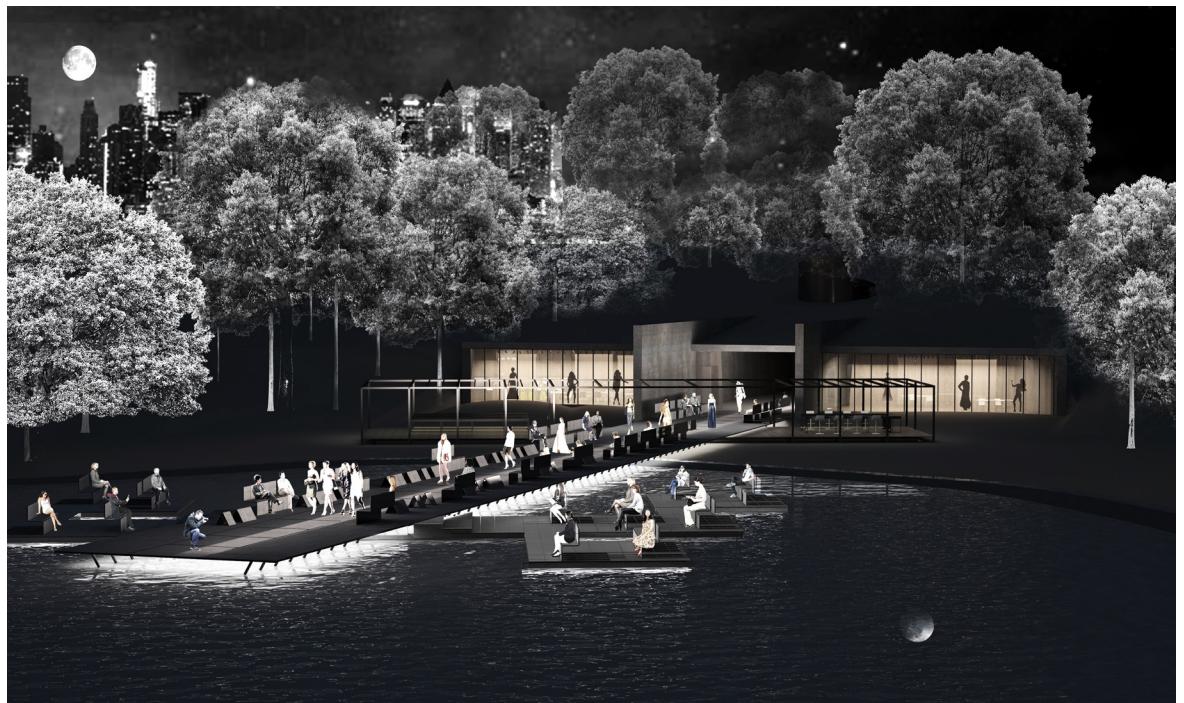




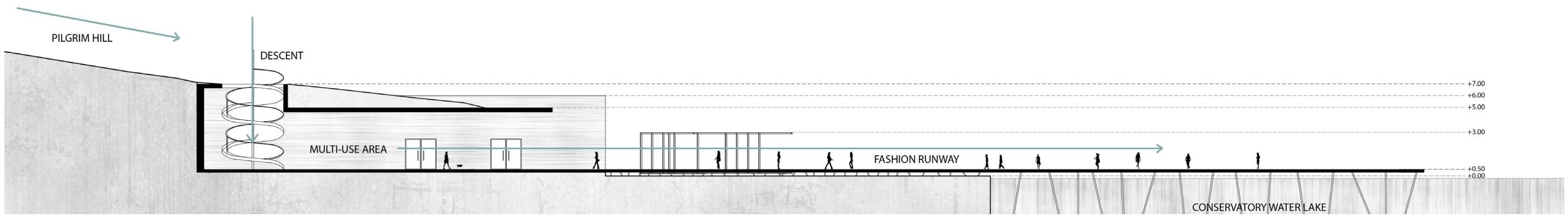
04 CatWalk

International Student Architectural Competition for
'Central Park Summer Pavilion, New York'

Architects: M. Xirokostas, V. Dermitzaki, E. Stamatou, K. Striki Magiaki
2015

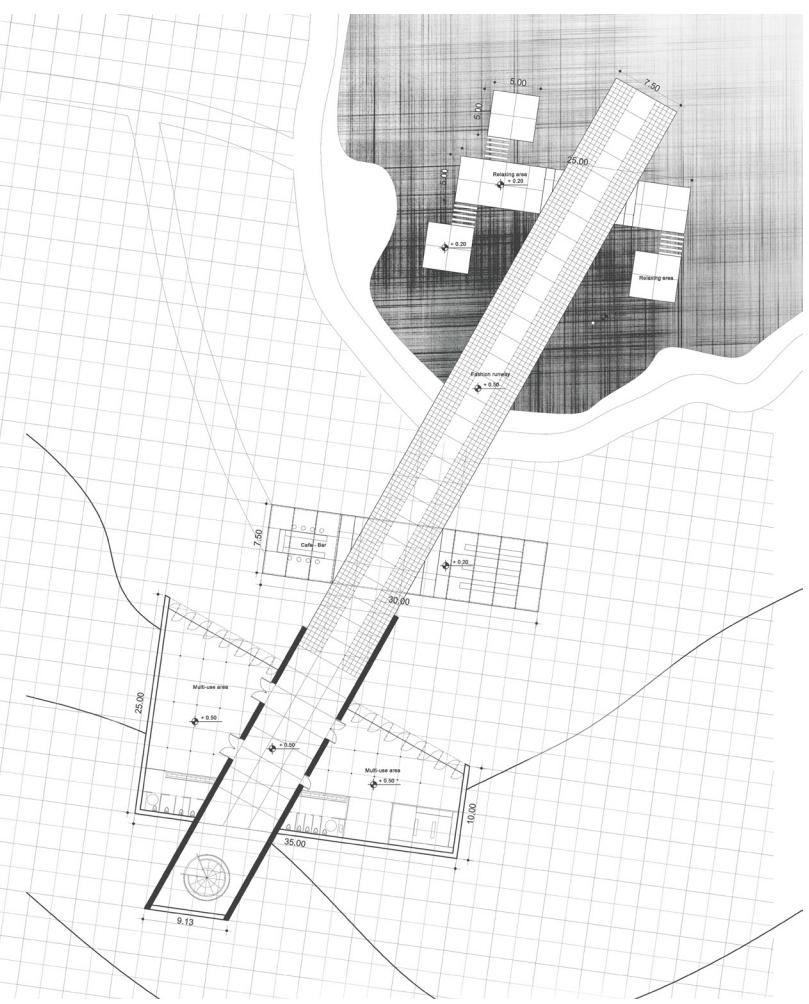


3d visualization of CatWalk



The location of our proposal is selected to be the Conservatory Water Lake which lies upon the intersection of 5th Avenue and East 72 Street of New York City. Our aim was to combine everyday life activities with the element of water. Our idea of what a Central Park Summer Pavilion should be is a multi-use runway which emerges from the Pilgrim Hill and invades dynamically into the lake. In an effort to avoid the disturbance of the surrounding environment, we suggest to incorporate all the interior spaces inside the hill by creating a cave pavilion.

On the inside we place some open plan areas that could be used in multiple ways such as: dressing rooms for the runway, reading rooms, work areas etc. The runway itself is created based on a grid that either formats a simple platform or it folds creating sitting areas, deck chairs, exhibition panels etc. Even when the platform enters the water, we have created some floating decks on both sides using the same grid, which forms some water relaxation areas. The entrance to the interior is both from the lake via the runway platform and the hill via the spiral stair which is the only one emerging from the ground and descends the visitor inside of the pavilion.



Educational projects



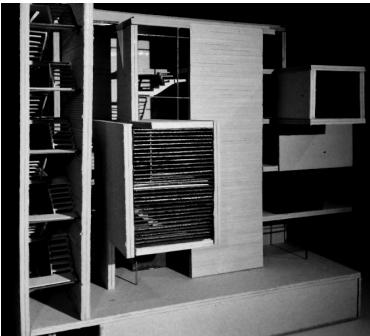
Oils on canvas, Personal Collection

05 Tubo House

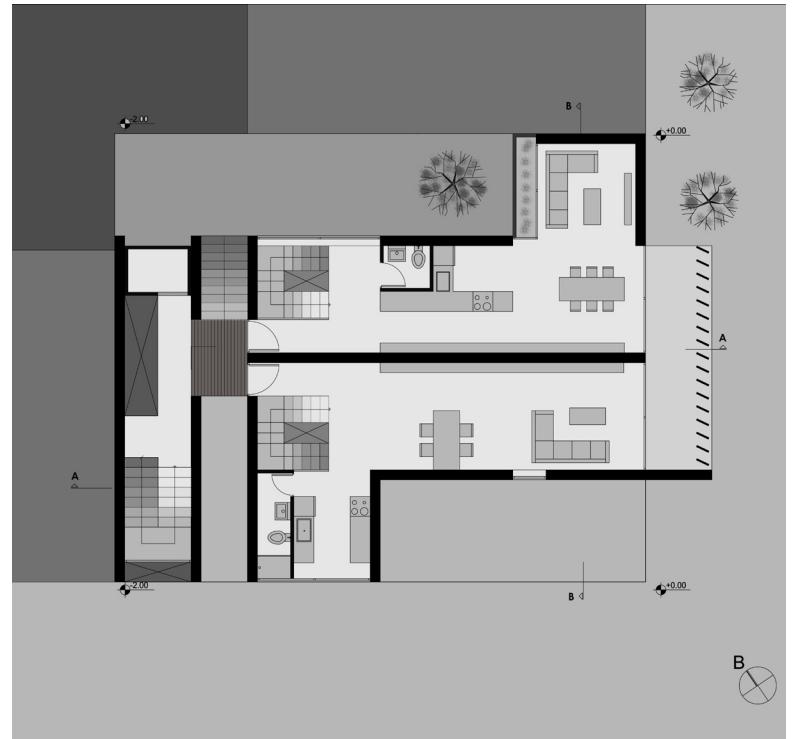
Residential Building in Athens
Supervisor: S. Tsiraki
Architects: M. Xirokostas, A. Pyliotis
2013



Model



Model



The main idea of our proposal are the tubos. Compact linear tumors placed one above the other in a way that they content the needs of the building program, as well as the correct orientation, organizing the whole synthesis. The apartment are developed in two levels, separating the living from the sleeping quarters. Two elements of exposed concrete are cut off from the building and contain the vertical movement. Lightweight constructions connect the stairway to the entrances of the houses.

Both the semi-open detonation of the apartment, as well as the view to Kallimarmaro Stadium were guiding principles throughout the synthetic process.



06 Wine Taste House

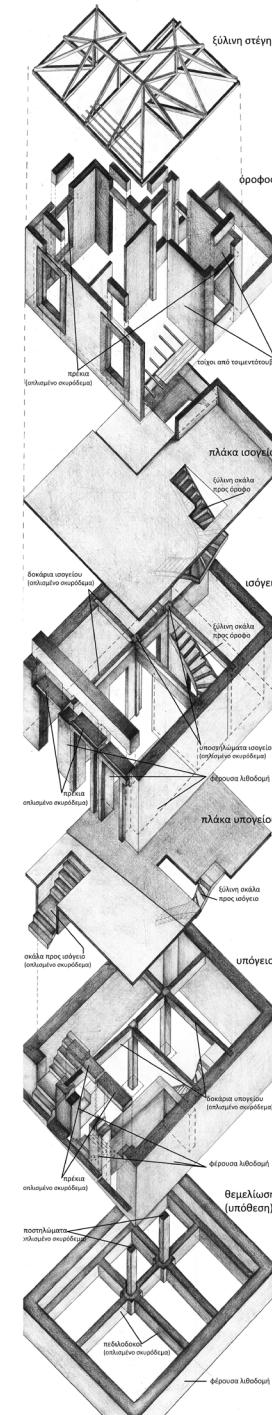
Construction Analysis - Intervention Kalessa, Crete, Greece
 Supervisor: E. Efesiou
 Architects: Team work
 2015



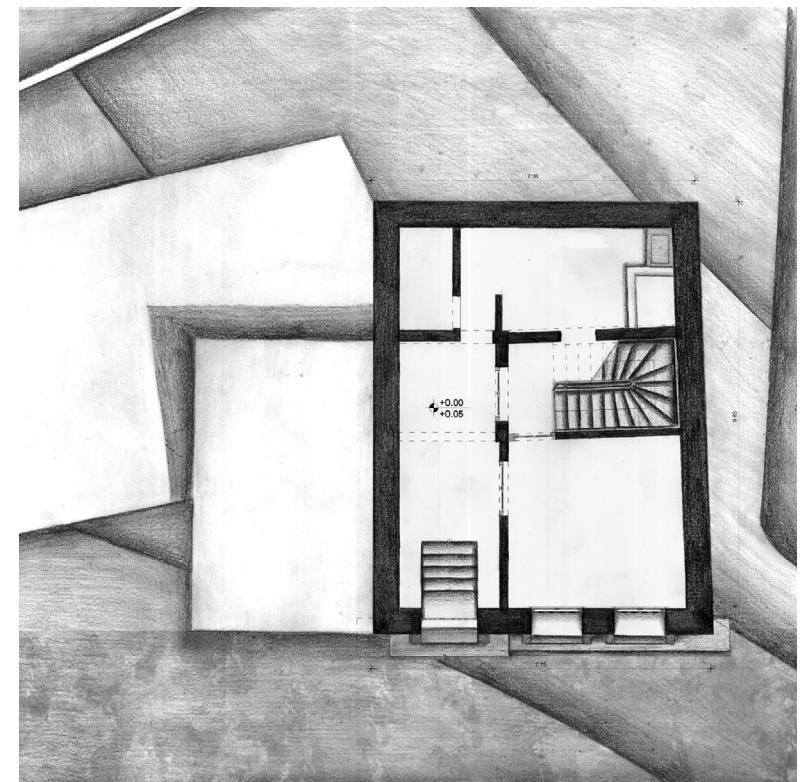
3d visualization of wine taste area

This project consists of two parts. The first part concerns the identification and study of the construct of a traditional building in the village of Kalessa, Crete. The second part, is related to the formulating of a proposal for the restoration, maintenance and the reuse of the building.

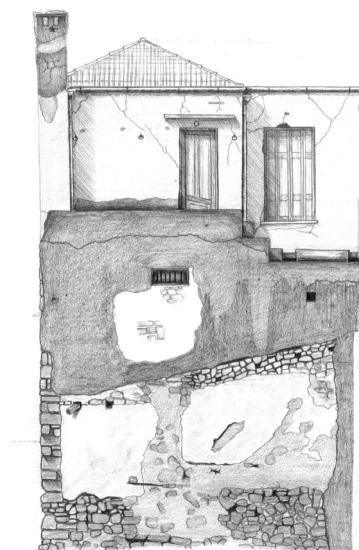
Specifically, we were able to reach to a comprehensive proposal for the building's design and reuse based on the principles of architectural composition, through the identification of the damages and their causes, the study of building's repair and reinforcement methods, as well as the restoration of its damages. The use of the new building, after the restoration will be wine taste house, cellar and wine shop.



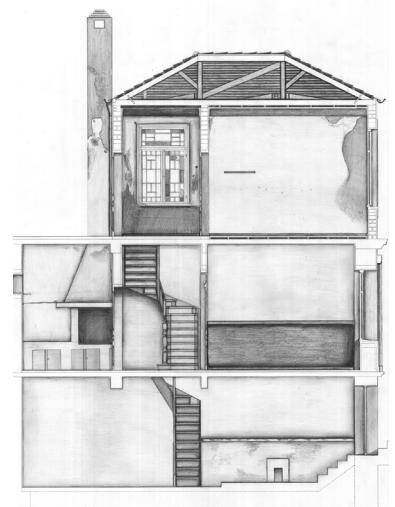
Explode diagram



Plan b level



Elevation



Section

07 Mid-air Walking

Landscape architecture in Lycabettus Hill,
Athens Greece
Supervisor: A. Kouroulas, E. Chaniotou
Architects: M. Xirokostas, A. Pyliotis, E. Fokialis
2015



Walking

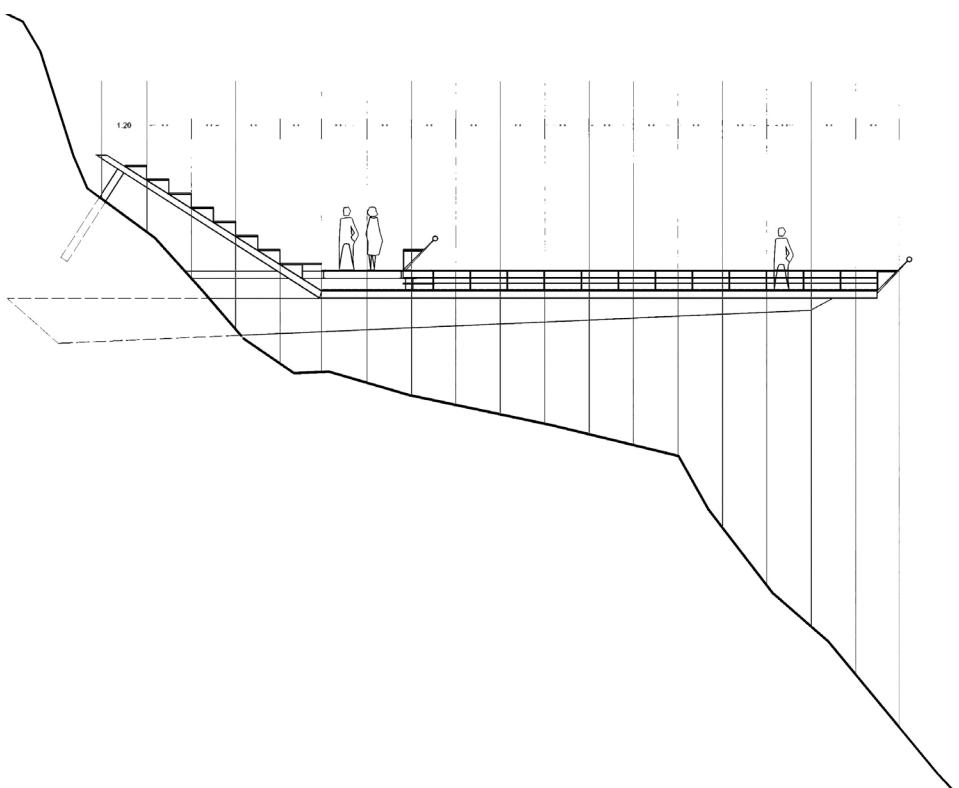


Model

Our proposal consists of a lightweight construction, which embeds on the rock without altering him and it creates a linear path. It consists of two straight parts which have as a starting point the existing road infrastructure and end up at the green awning. Throughout this path the promenader feels like he is floating on air, as on the one side he comes in marginal contact with the bare and hard rock, and on the other side there is thick vegetation which defines and frames the viewpoints.

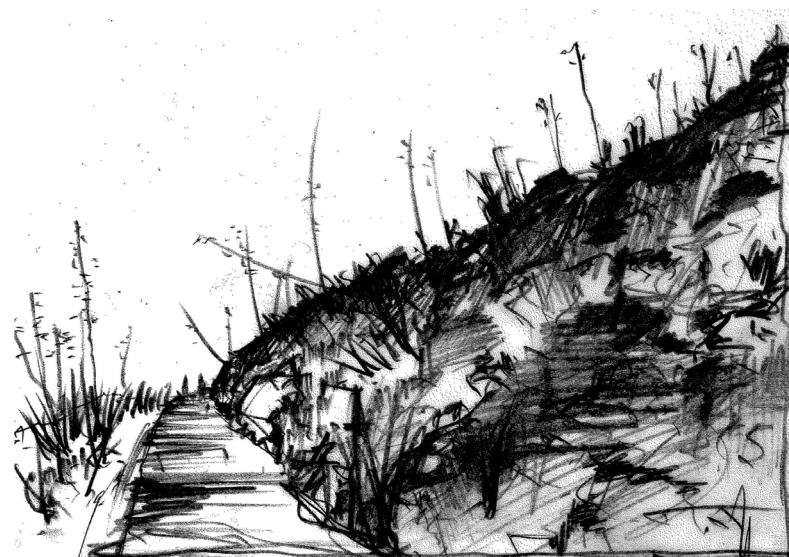
The path consists of three nodes:

- 1_The starting point, in which a headland is created and where the promenader enters his path.
 - 2_The second node is located at the stopping point, the platform-bowsprit.
 - 3_Finally, the entire path ends up at the green awning where a headland is created, like the one at the starting point.
- the construct is structured by slender elements aiming for its smooth accession to the pace and the creation of the promenader's floating sensation.
- Throughout the whole path, interesting viewpoints are being revealed (Acropolis' Hill, the Panathenaic Stadium), as well as optical escapes to the urban landscape.



Section

46



Sketch from the place

47

08 Dynamic Core

Urban Design, Karamanlaki Square in Athens, Greece
Supervisor: K. Serraos
Architects: M. Xirokostas , A. Pyliotis, E. Fokialis
2014



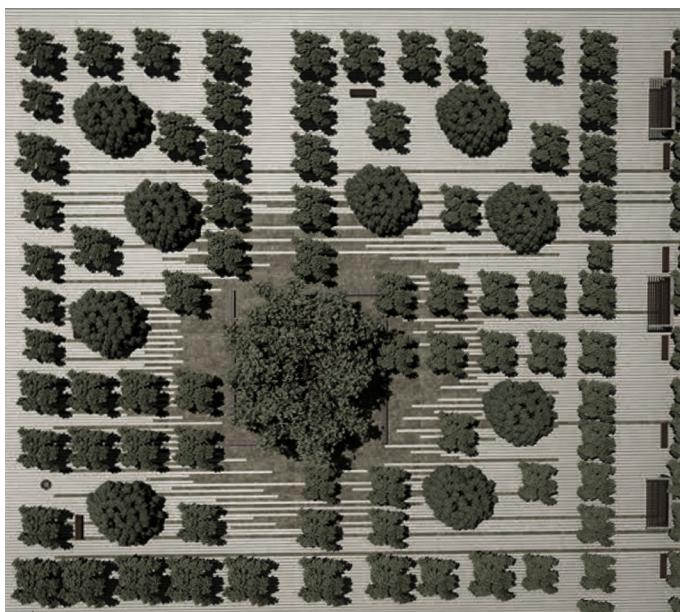
3d visualization of route

An important route, after it receives the walker from the pavement it leads him into the heart of the square where he comes into full contact with nature.

The planting is placed regularly on both sides of the square which share the same boarders with the pavements. It is also placed irregularly along the sides of the roads to reduce any noise pollution. The grand's materiality consists of linear marble blocks.

Aiming for the core's semantic strengthening, the ground is placed in a way that the presence of the green, which is strong, increases while approaching the center of the square in which it dominates.

Finally, the core is surrounding by four concrete seats, which allow the visitors to defuse any tensions at the public space, cut out from the disturbance of the bustling city.



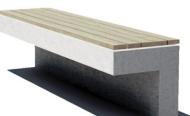
Plan of square



3d visualization of the core



Rubbish bin



Seat



Bench vendors

09 Cultural 'Sticking'

Urban Design I Buffer Zone Nicosia Cyprus

Supervisor: K. Moraitis, M. Markou
 Architects: M. Xirokostas, M. Barkoniou, E. Stamatou
 2016

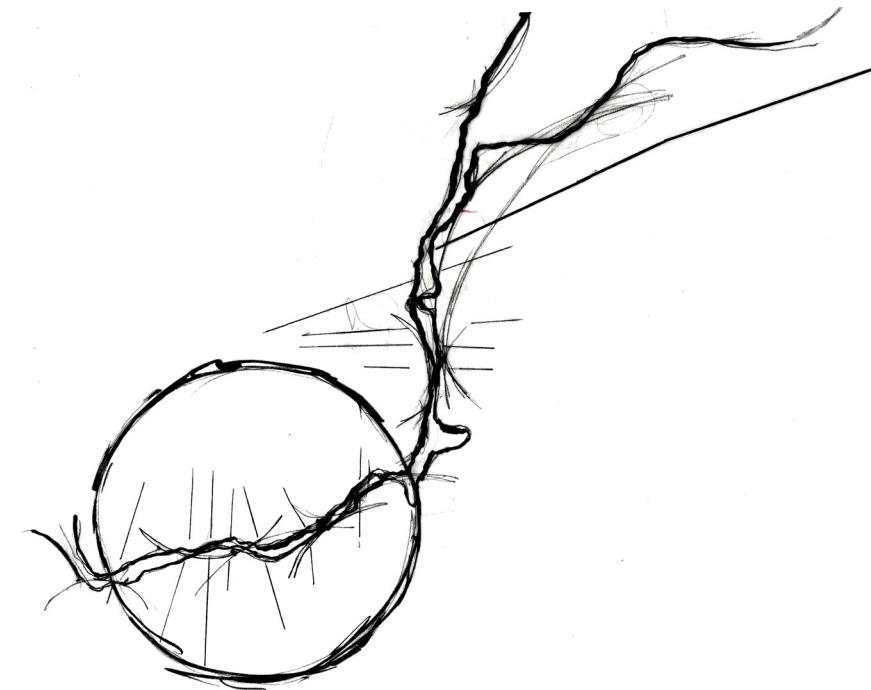
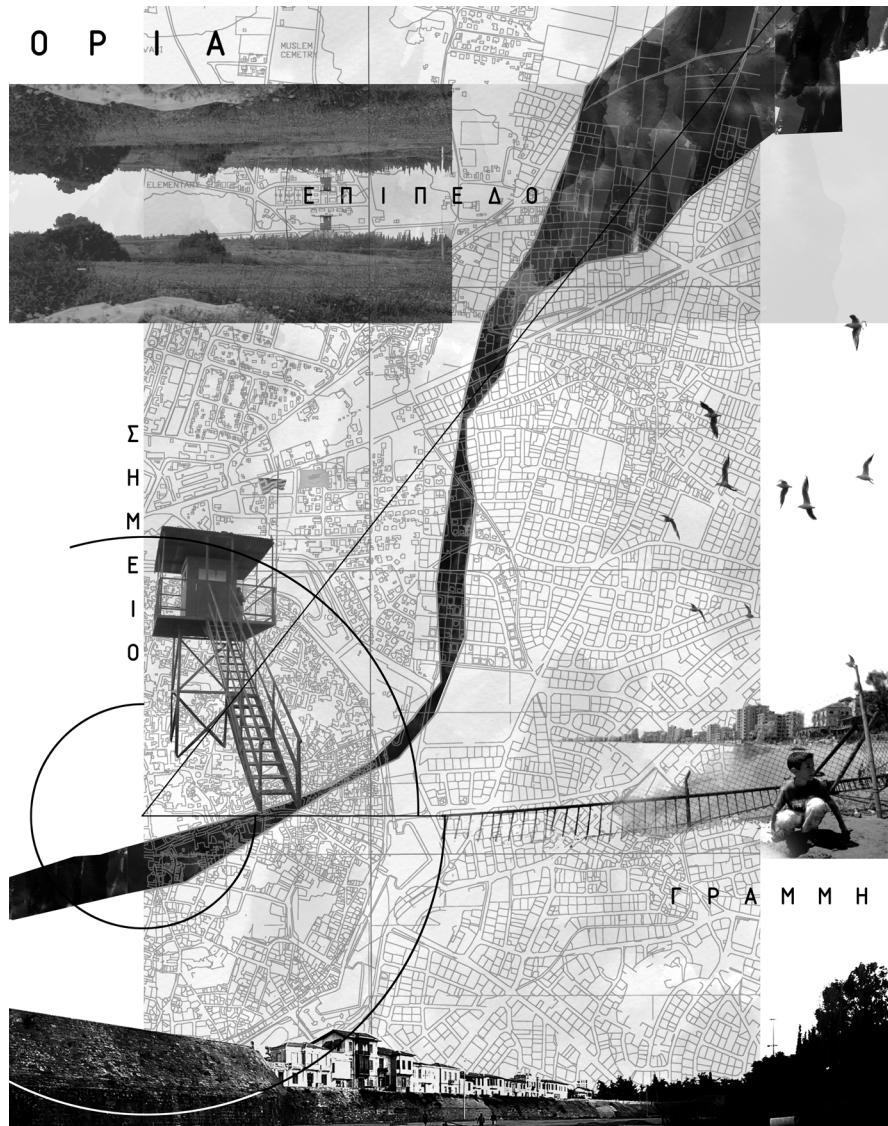


Diagram of Sticking

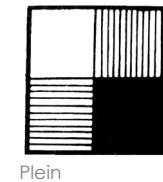
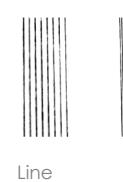
Taking into consideration the intense historical character of our study's area, we compose aiming the union of these two parts without ignoring, of course, the strong presence of the boarders of the Buffer Zone.

So, we create a course of interest which unites two cores. The one consists of cultural facilities like an open-air theatre, exhibition halls, workspaces and dining areas.

The other one consists of the Institute of Political History, the reference point of our proposal. At the extension of the park by the rail lines and perpendicular to the course (route) of interest, we create on both sides of a linear park a zone of residence which completes the synthesis.

The first core is located in the wider region of the eastern bastion, while the second one is created at the intersection of the course of interest with the zone of residence.

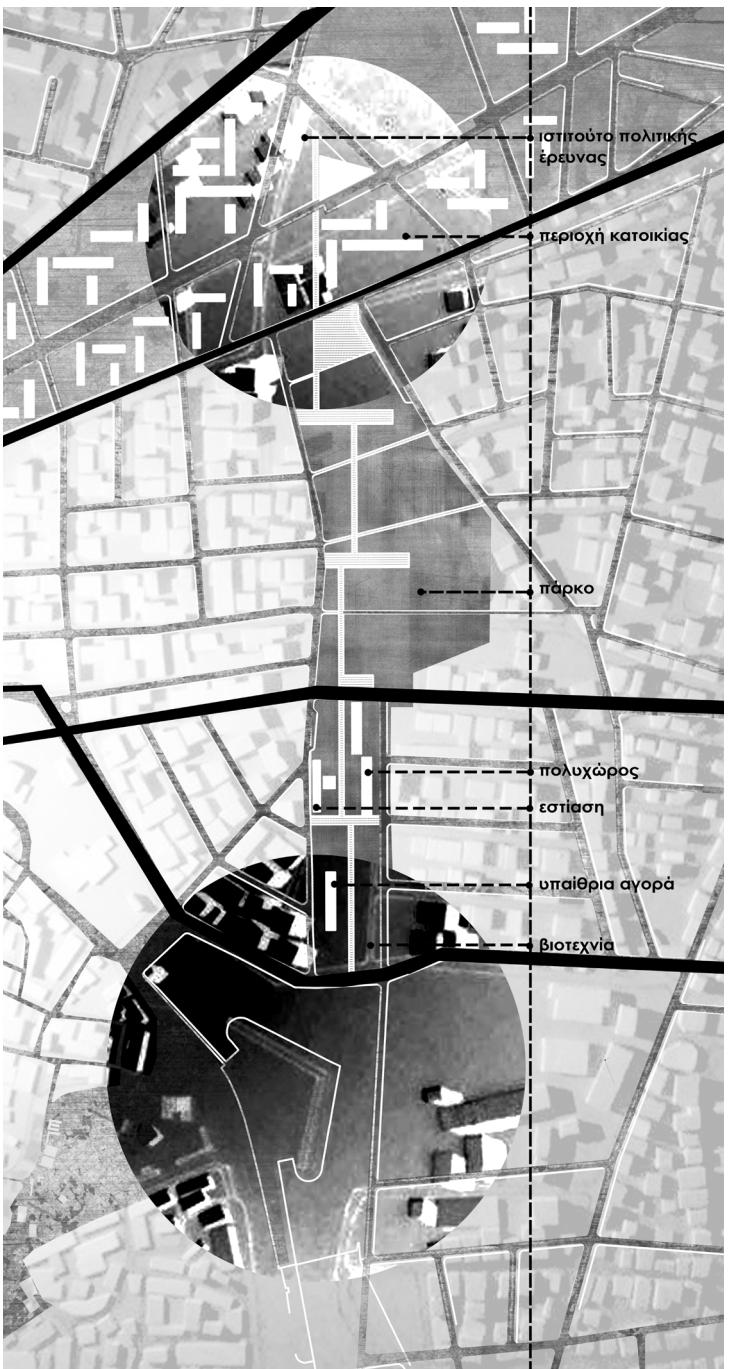
The objective of the proposal above constitutes of the cultural sticking together of the two peoples and their smooth co-existence at the same place.



Point

Line

Plein



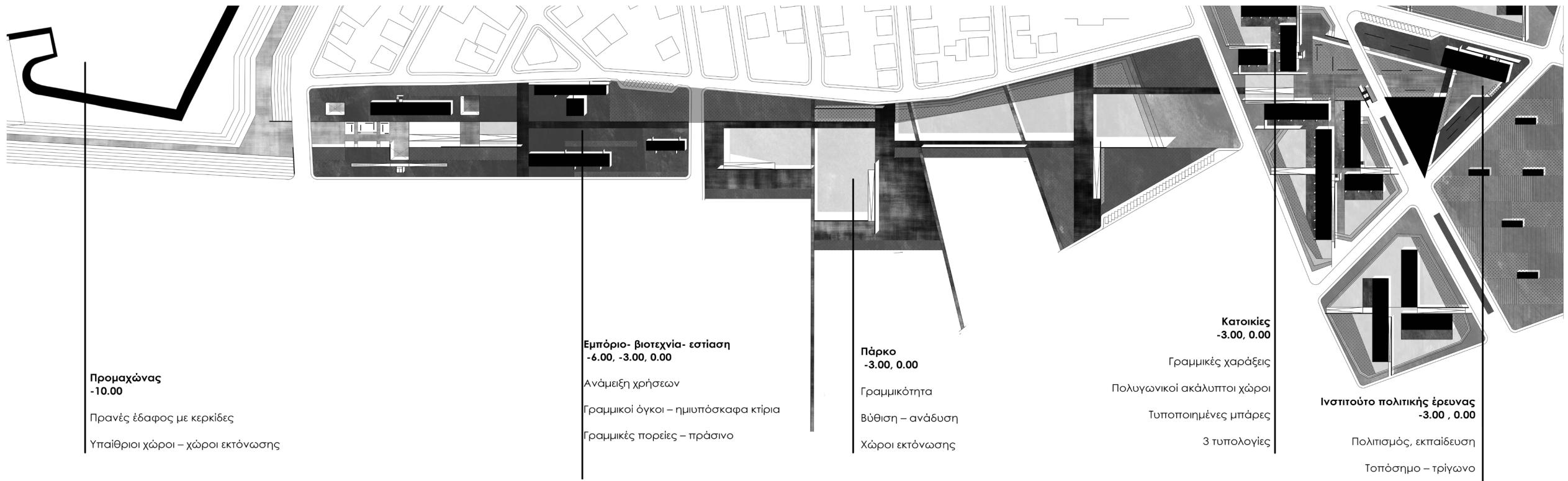
Masterplan



3d visualization of cultural facilities



3d visualization of the market



Master



