



Architecture **Portfolio.**

2016 / 2021

Selected Works

Mehmet Caferoglu

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mehmet.caferoglu@gmail.com
behance.net/mcaf



Space Architecture

Zoo Architecture

Urban Design

House Design

Interior Design

Architecture Portfolio.

2016 / 2021

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Space Architecture

Zoo Architecture

Urban Design

House Design

Interior Design

ABOUT ME.



MEHMET CAFEROGLU

ARCHITECTURAL DESIGNER

I'm a 27 years old architectural designer and currently a last-year master's student at DIA, Bauhaus in Dessau, Germany. I work mostly in **conceptual design, interior design, graphic design** and **realistic visualization**, and I am very passionate about creativity and details.

LANGUAGE SKILLS

Born in Turkey. Lived one year in Italy and currently in Germany. (TOEFL IBT Score: 85)



EXPERIENCE



FREELANCE DESIGNER

House & Interior Design | Realistic Visualization

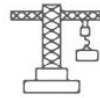


INTERN ARCHITECT

Franzina+Partners Arch. | Jul 17 - Sep 17

Office Internship | Architectural Design | LP 1-3

🕒 9-Weeks 📍 Padova, Italy 🔗 michelefranzina.it



INTERN ARCHITECT

Folkart Yapi | July 16 - Sep 16

Construction Site Internship | 830 Apart. Housing

🕒 6-Weeks 📍 Izmir, Turkey 🔗 folkart.global/en/



INTERN SURVEYOR in Campus

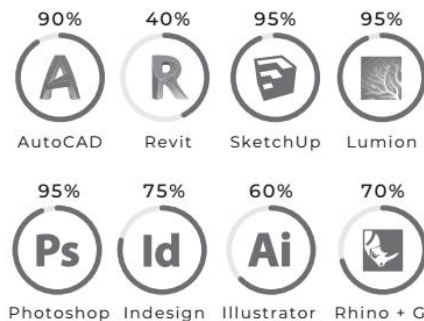
Building & Land Surveying | July 15 - Sep 15

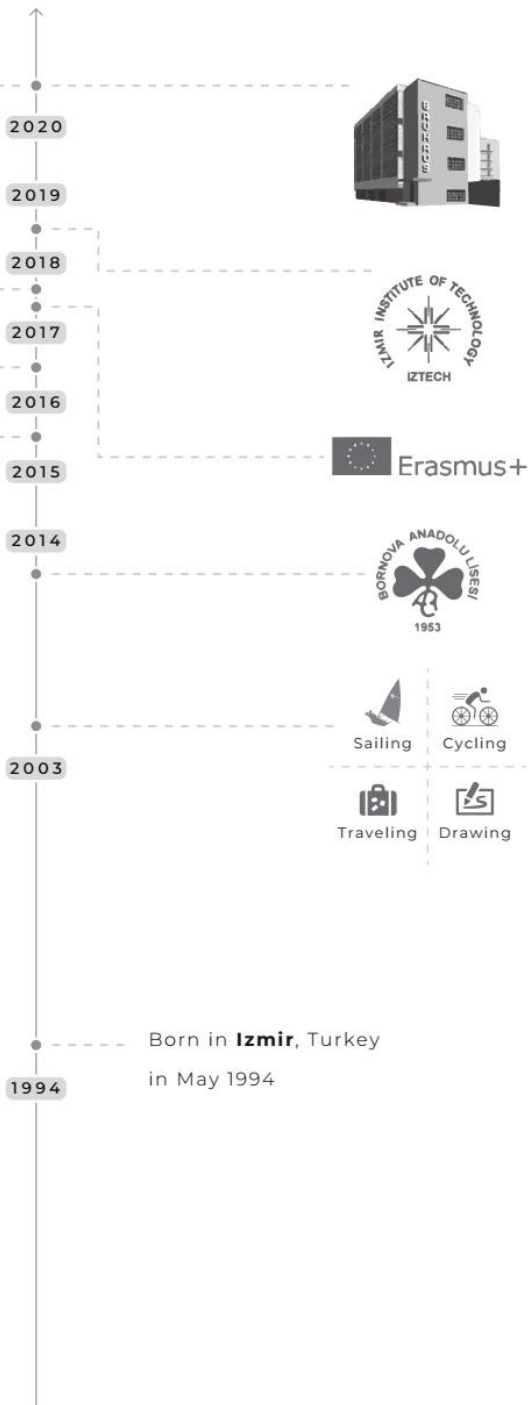
Izmir Institute of Technology Campus

🕒 6-Weeks 📍 Izmir, Turkey 🔗 en.iyte.edu.tr

SOFTWARE SKILLS

in Architectural Design





EDUCATION

MASTER OF ARTS IN ARCHITECTURE

Hochschule Anhalt-DIA | Sep 19 - July 21

Dessau International Architecture School, Bauhaus

🕒 2-Year | German GPA: 1,2 📍 Dessau, Germany

BACHELOR'S DEGREE IN ARCHITECTURE

Izmir Institute of Technology | 2013-2018

Language of Instruction: 100% English

🕒 1+4-Year Program | 242 ECTS 📍 Izmir, Turkey

ERASMUS+ EXCHANGE PROGRAMME

Politecnico di Bari 📍 Italy | Sep 16 - July 17

GYMNASIUM - Math & Sciences

Bornova Anadolu Lisesi 📍 Izmir | 2009-2012

HOBBIES

- Licensed **Sailing Sportsman** (*Since 2003*)
KSK Sailing Club & IZTECH University Sailing Team.
- Sketching & Painting are primary hobbies
- Cycling & Swimming are favorite sports

TRAVEL MAP



CONTENTS. Academic

8-15

M

MOLUNAR - Part 1
MODULAR LUNAR ARCHITECTURE
Master Thesis Studio - First Semester
PAIR WORK - Space Architecture



Winter Semester
2020 - 2021

16-31

V

V-SHAPED VILLA
HOUSE ON A HILLSIDE
Master Architecture - Design Studio II
INDIVIDUAL WORK - House Design



Spring Semester
2020

32-43

D

DYNAMIC HUB
A NEW URBAN HUB FOR BUCA
Bachelor - Architectural Design Studio VI
INDIVIDUAL WORK - Urban Design

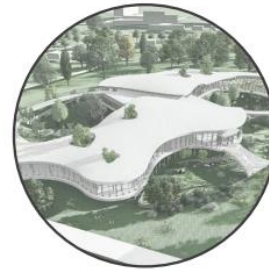


Spring Semester
2017 - 2018

44-53

P

PANDA HOUSE
BUILDING FOR ANIMALS
Master Architecture - Design Studio I
INDIVIDUAL WORK - Zoo Architecture



Winter Semester
2019 - 2020

CONTENTS. Professional

March
2021



VILLA KASTEN
HOUSE ON A TUNISIAN HILLSIDE
Architectural Design Proposal
INDIVIDUAL WORK - House Design

K 54-67

September
2020



VILLA BÜHL - INTERIOR
HOUSE FROM THE 1970S
Interior Design Study for Renovation
PAIR WORK - Interior Design

B 68-75

January
2019



LÜLEBURGAZ MEMORIAL
MEMORIAL & VISITOR CENTER
Professional Architectural Competition
GROUP WORK - Public Architecture

L 76-85

2016 - 2018



OTHER WORKS
HAND DRAWINGS & SKETCHES

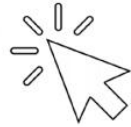
O 86-89

MoLunAr

Modular Lunar Architecture



Project Video:



Master Thesis Studio - **Part 1**
PAIR WORK - Winter Semester 2020 - 2021

Designed in Collaboration with **Sanem Bakan**
Supervisor: Prof. Dipl.-Ing. Eric Helter



Hochschule Anhalt
Anhalt University of Applied Sciences



EFFICIENCY, SAFETY, SIMPLICITY

Project Scope

MoLunAr is an architectural project that we have designed at the Lean-style habitat thesis studio in the 2020-21 Winter semester. **The aim of the studio is to develop a concept for a manned lunar base on the Moon**, including motivation and goals, with a newly simplified perspective, just as the Bauhaus school did 100 years ago next to us. **Methods of the studio are to simplify existing tech and try to use them more functionally.**

General Concept

In our project, **we describe 'Molunar' not just as a single lunar base but as a lunar-base construction system.** This means with the Molunar system, people can design and build various types of Lunar bases for different conditions with using **variety of capsules, connections, and mechanics.** The open-ended building concept offers endless possibilities to design a different base every time we need to settle in a new location on the moon.

** It is highly recommended that watching the 5-minute video we prepared to explain all the details and our general concept.*



MoLunAr

Starter Set



The starter set is a **2-person** set designed for **1st phase exploration and research missions** that can last **up to 3 months**. This set consists of a basic capsule building set. The building set will continue to be used in later missions as well as initial missions, but new components will be produced for expansion of the lunar habitation. The add-ons represent the auxiliary tools and vehicles.

Main Elements



Capsule



Airlock



Belows Cover

Add-ons



Lunar Lander



Tire Module

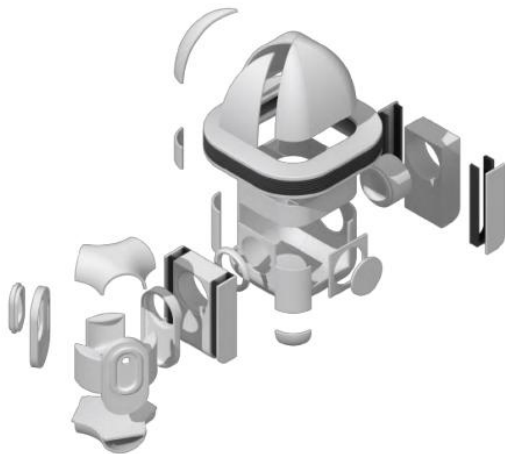


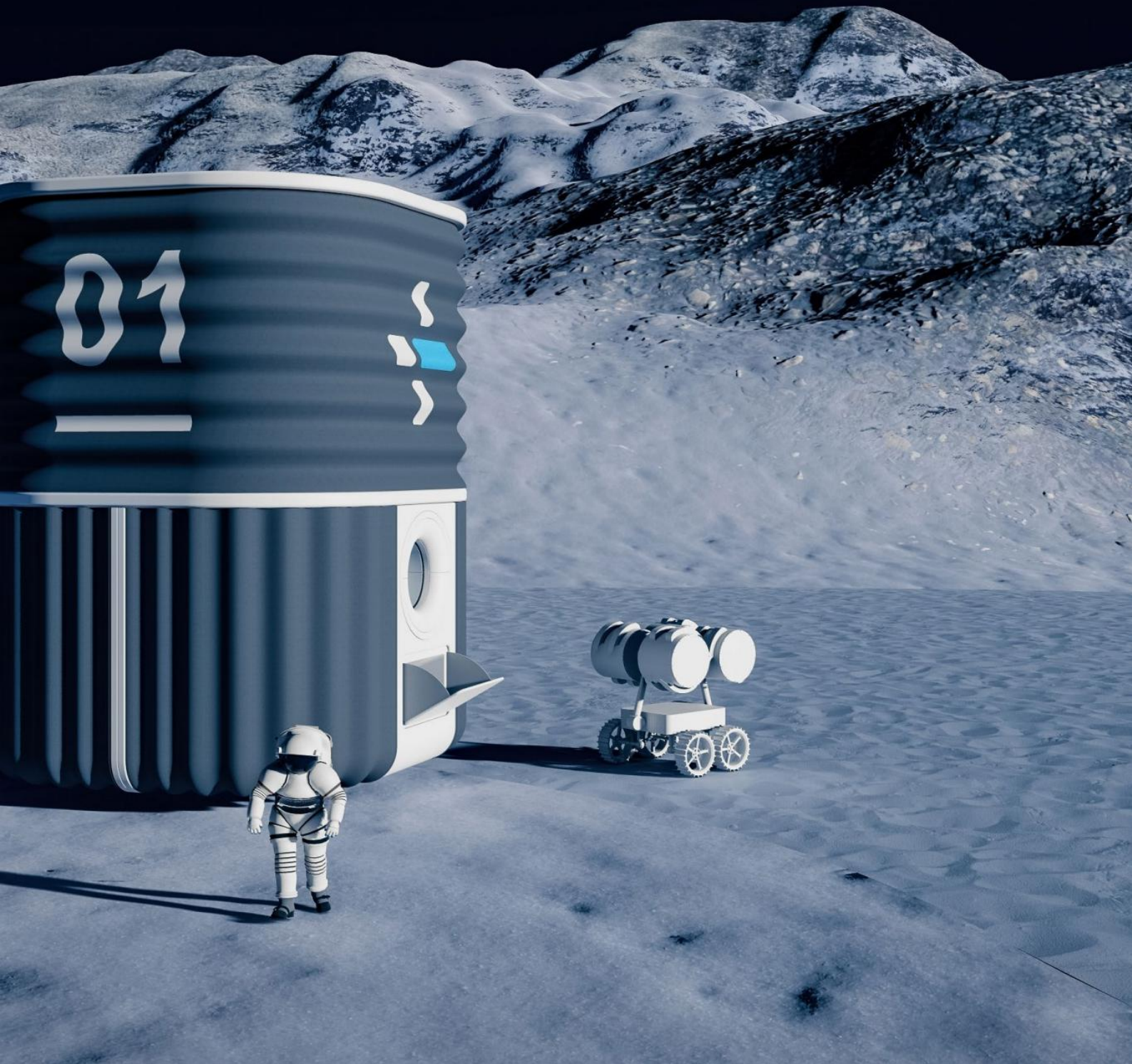
Regolith Collector



Water Exploration

Modular Components





SAFETY & PROTECTION

Bellows Cover

In the first missions to be on the moon, the concept of security comes to the fore more urgently and in a more necessary way than in the future phases. Due to this **urgency**, all kinds of **risky high technology have been avoided** and simpler but effective solutions have been focused on.

The bellows system, which has a **very simple mechanic** as you will see on this page, shows how **the Kevlar textile cover** that will provide **radiation and mini-meteorite protection** works.

Screw Conveyor

The radiation protection of our starter set capsule is provided by the most basic material available on the moon, regolith. **Regolith** can simply be described as **moon dust or sand**. A thickness of a cover by this material between **1-2 meters** can provide protection against extremely high radiation on the moon.

Since the moon does not have any atmosphere, technologies such as **vacuum cannot be used to transport** this material, so we developed the screw conveyor system **to transport regolith and to fill the bellows covers with it**.

Bottom Bellows Opening

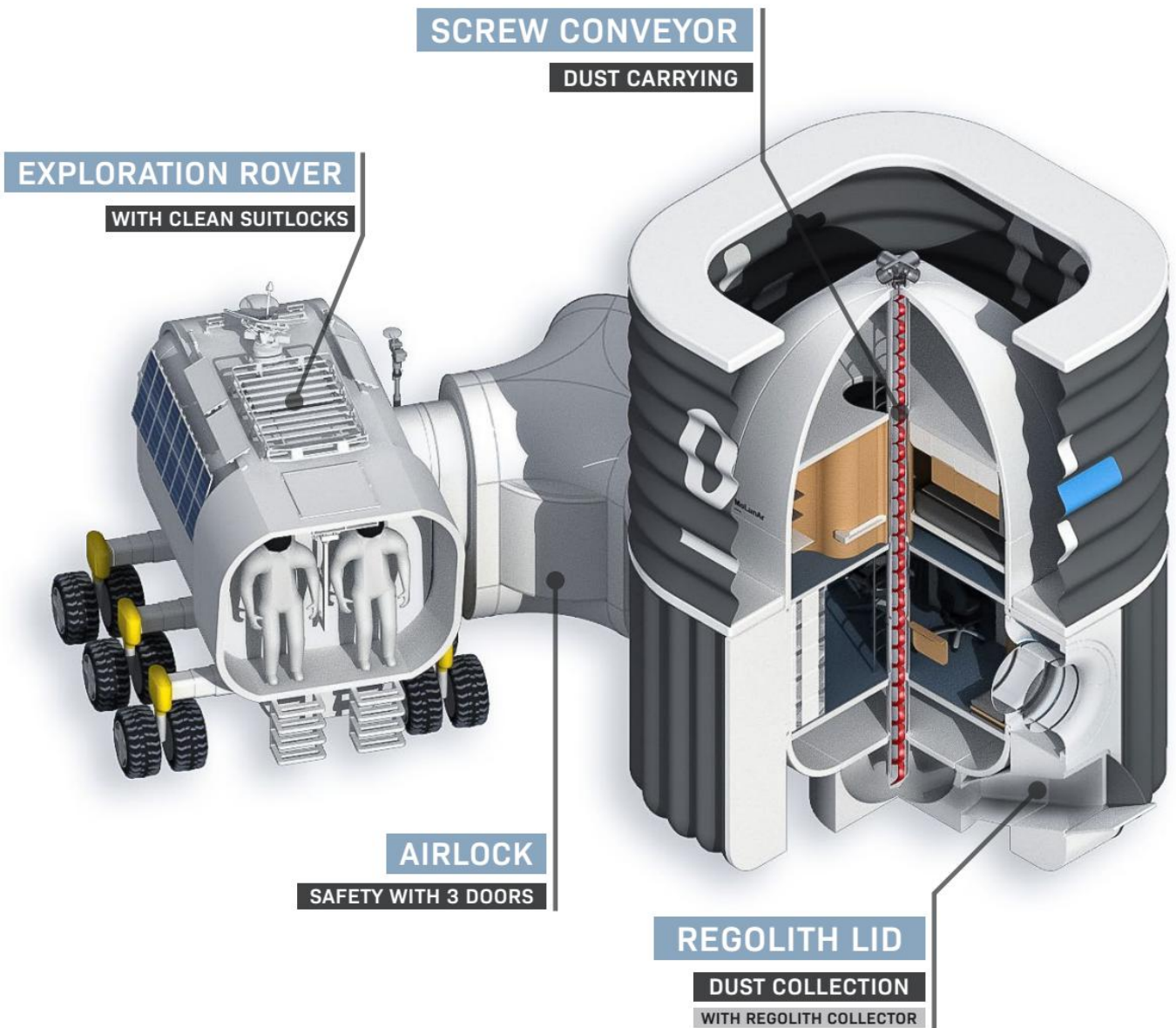


Upper Bellows Opening



After Opening





INTERIOR DESIGN



ABOVE: Panoramic view of Level 1; kitchen area on the right, ladder in the middle, control unit, and plant growing unit on the left.
BELOW LEFT : Control Unit for remote control of exploration robots.

BELOW MIDDLE : Waste and Hygiene Compartment.
BELOW RIGHT : Private room for one person with bed, storage and work space. (There are 2 of this room.)

The project and design work continues...

—
Stay tuned for details of further habitation phases.



The window provides a visual connection to outside with an extra-protected glass. The seat in front of this area is designed to be used during leisure time relaxation and meetings with the world. In addition, it can be flattened and become a sickbed in emergency situations.

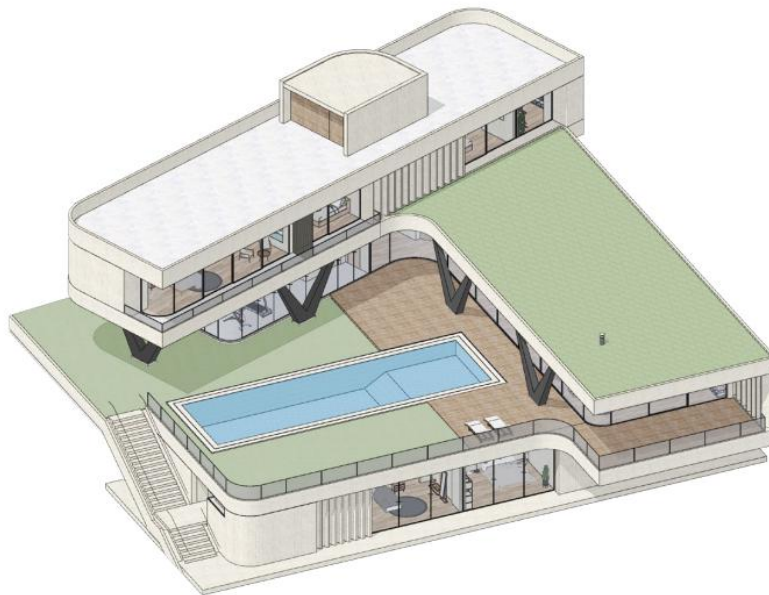
 **NEXT PROJECT:**
V-SHAPED VILLA 

V-SHAPED VILLA

WITH EXTENSIVE CITY VIEWS

Master Architecture (DIA) - Design Studio II
INDIVIDUAL WORK - Spring Semester 2020

Instructor: Prof. Dr.-Ing. Natascha Meuser
Editorial Assistant: Wong Zhen Fai



HOUSE ON A HILLSIDE

Studio Coverage:

The studio allows master students to design a private residence for a real client. In this way, in addition to the guided research and idea development process, how a design will progress with the client, as in the professional market, is part of the studio curriculum. In this context, each student contacts the specified client many times and takes his / her special requests into account. The large hillside property is situated in Würzburg and the greatest advantage of the site is its panoramic view, which must be captured and architecturally defined.

Site Location:

Steinbachtal
Würzburg / GERMANY



Total Area:

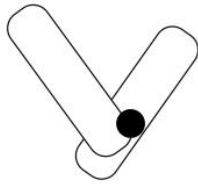
Site: **2075 m²**
Closed: **645 m²**



"The family consists of a 38-year-old dentist mother, a 52-year-old businessman father, a 5-year-old boy, a 2-year-old girl, a 13-year-old young boy, and a 19-year-old young man."

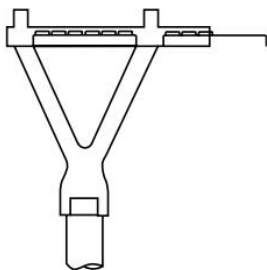
V-Shaped Building

With its unique V form, the building ensures that every room enjoys lots of light and a phenomenal view. The design of the footprint results in a large open area in the middle, opening up the building. The unique design is also reflected through creating a mixture of private and common terraces.



V-Shaped Columns

The aesthetic aspect of this construction is given by the shape of the structural elements, in this case the V-shaped columns. The shape is based on technical considerations, the aesthetics of it being a plus. From the static point of view, the V-shaped column follows the load diagram and leads to a new, true structural form.





Interacting Volumes

1- Ground Floor

The basement contains separately developed residential units, which can be used by teen members of the family or guests. On this floor, there are also ancillary and technical rooms, a sauna, and the garage.

2- First Floor - Common Areas

The main level is formed by the V-shaped floor plan with an inner courtyard. The staircase acts as a hinge. It connects the common area with the private building block and the basement.

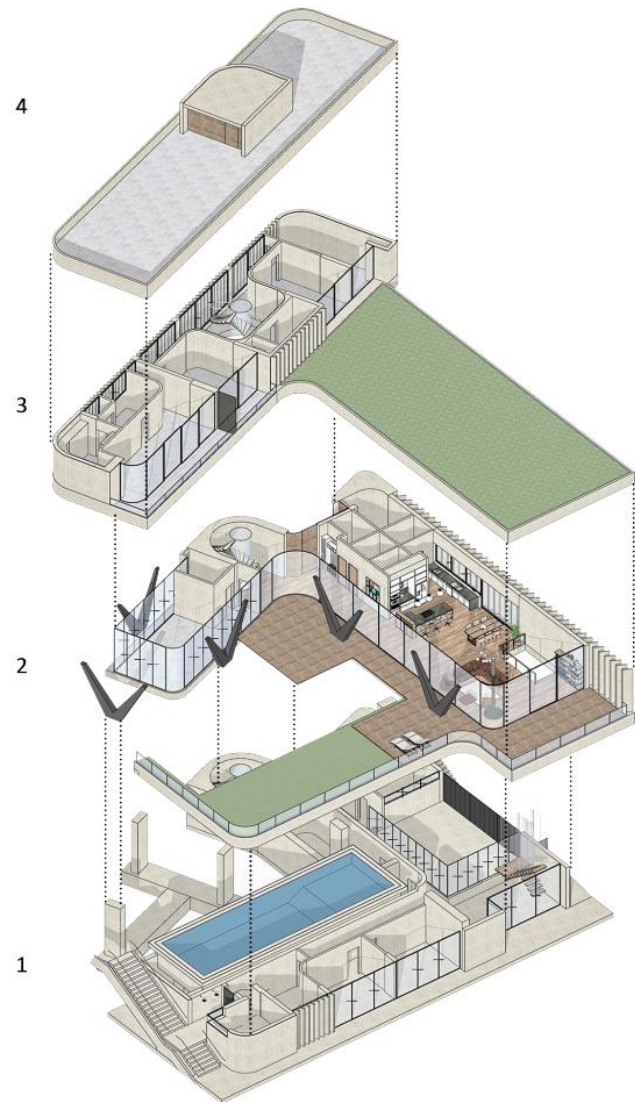
3- Second Floor - Private Areas

On the first floor is the private building bar. It is rotated 20 degrees to the upper property line.

4- Roof Level - Terrace

The almost roof terrace with an area of 200 square meters is accessed via the circular stairs.

“The focus of the design is to benefit from the exceptional location with its unique landscape view by keeping the construction volume on the site as low as possible, while at the same time providing the highest possible quality of indoor and outdoor use.”



Axonometric Exploded View



ABOVE: Top view. The entrance is located at the upper part of the plot via Betpfad.

LEFT: There is a separate driveway to the garage and guest entrance.

RIGHT: Driveway and daily parking lot in front of the house entrance.

Privacy as Purpose

The building volumes are positioned to create maximum privacy. The main goal here was to create a **central courtyard** that acts as an intimate patio. In the parts of the building facing the neighbors and street, **sunshades formed as linear concrete elements** present the view of the landscape in areas such as the kitchen without interruption. These elements on the facade **strengthen the privacy sense and create some light effects.**



ABOVE: North View. The view of the house from the opposite neighbor.

BELOW: Swimming pool and inner garden in front of the living room.



Catching the Best View

The second-floor bedrooms and roof terrace capture the best vistas of the landscape. Besides, this **orientation** enabled the building to have a unique V shape. Special **sliding windows surround all surfaces facing the inner courtyard**. No reinforced concrete wall or columns is used in this facade as a structural element. **V-shaped steel carriers** entirely support the second floor on this facade. These steel trusses, which add a signature characteristic to the building.

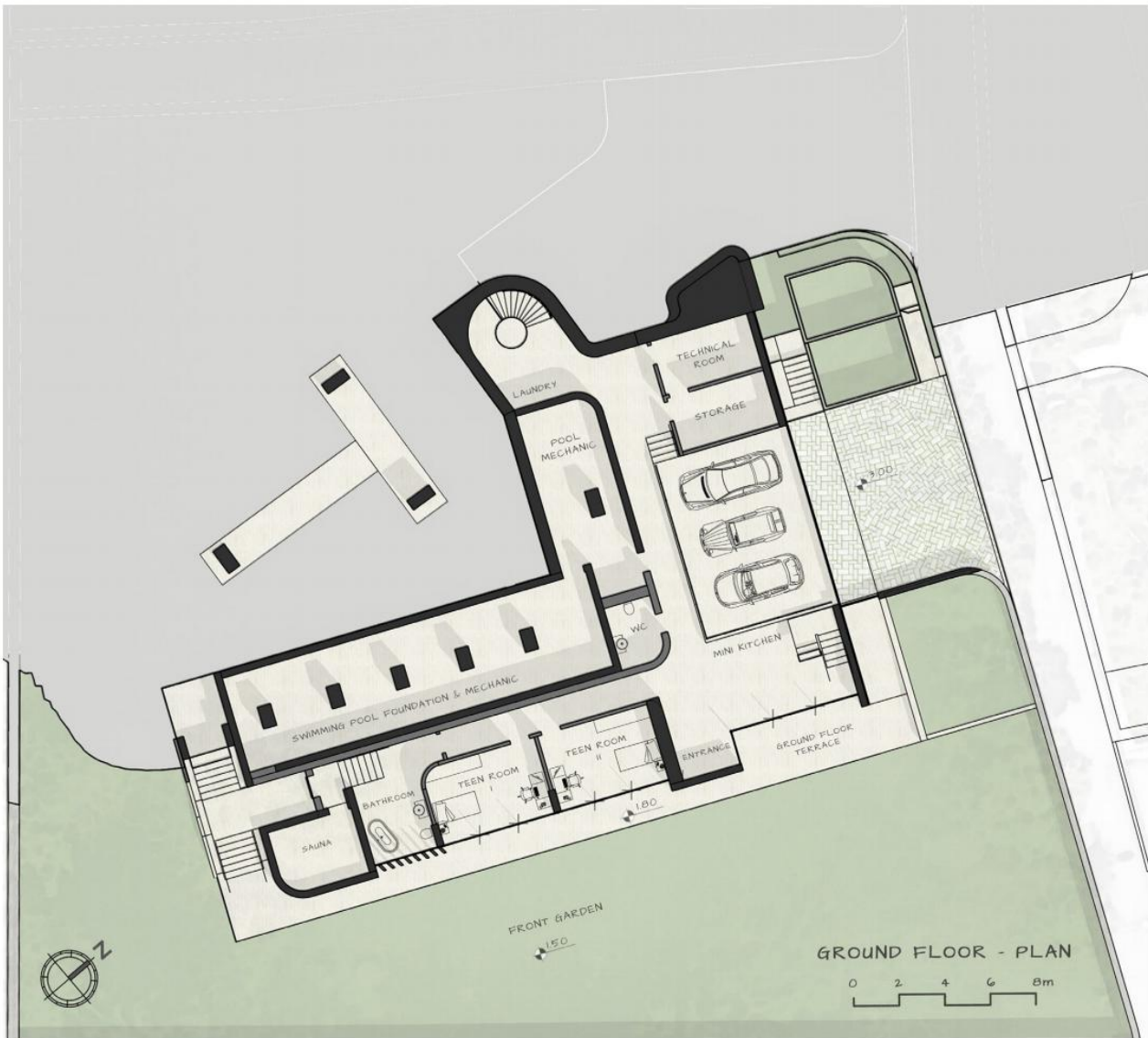


ABOVE: Master bedroom and the unique angled view of this room.

BELOW: The panoramic view with privacy from the kitchen thanks to the facade design.

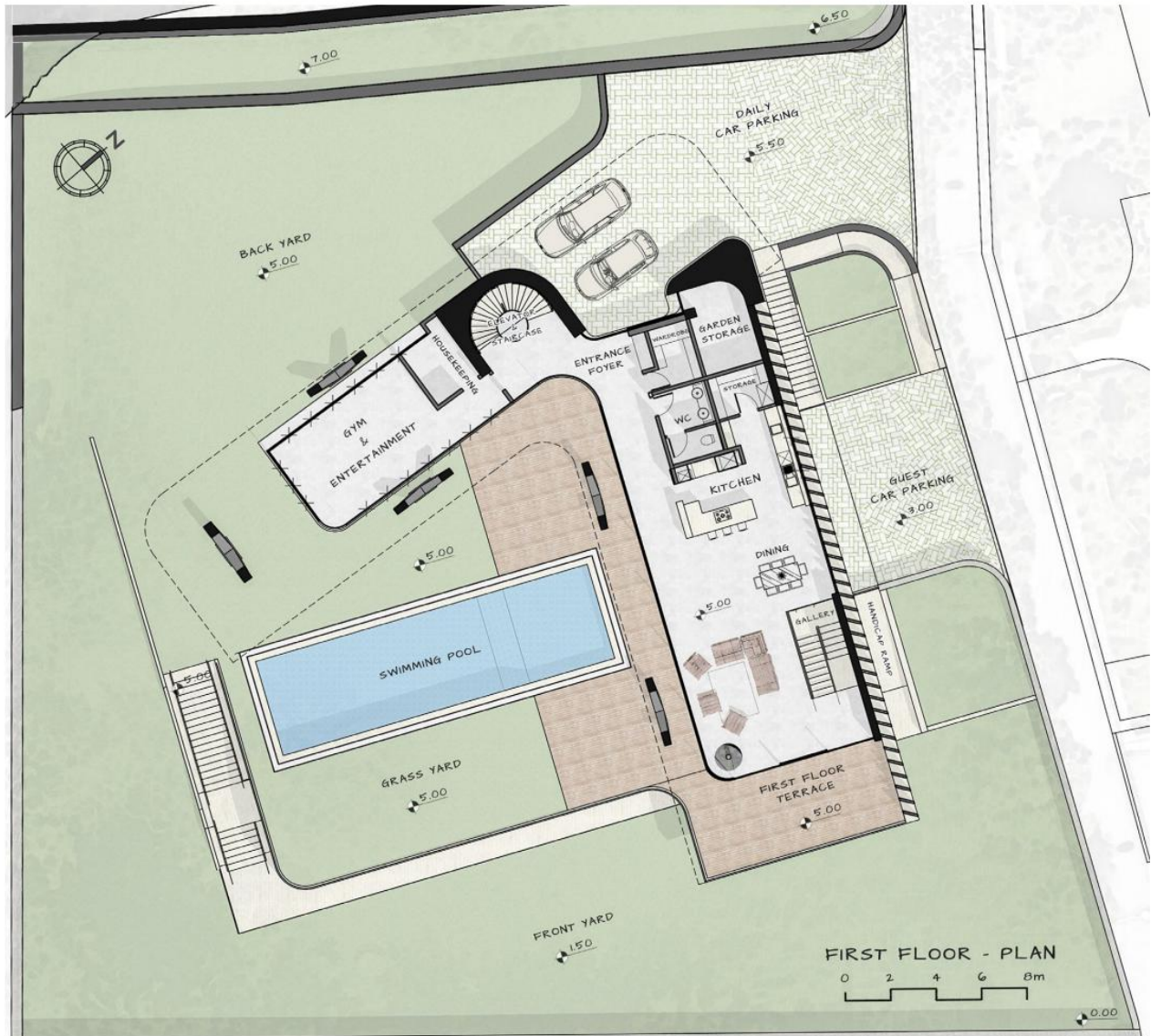


Ground Floor Plan



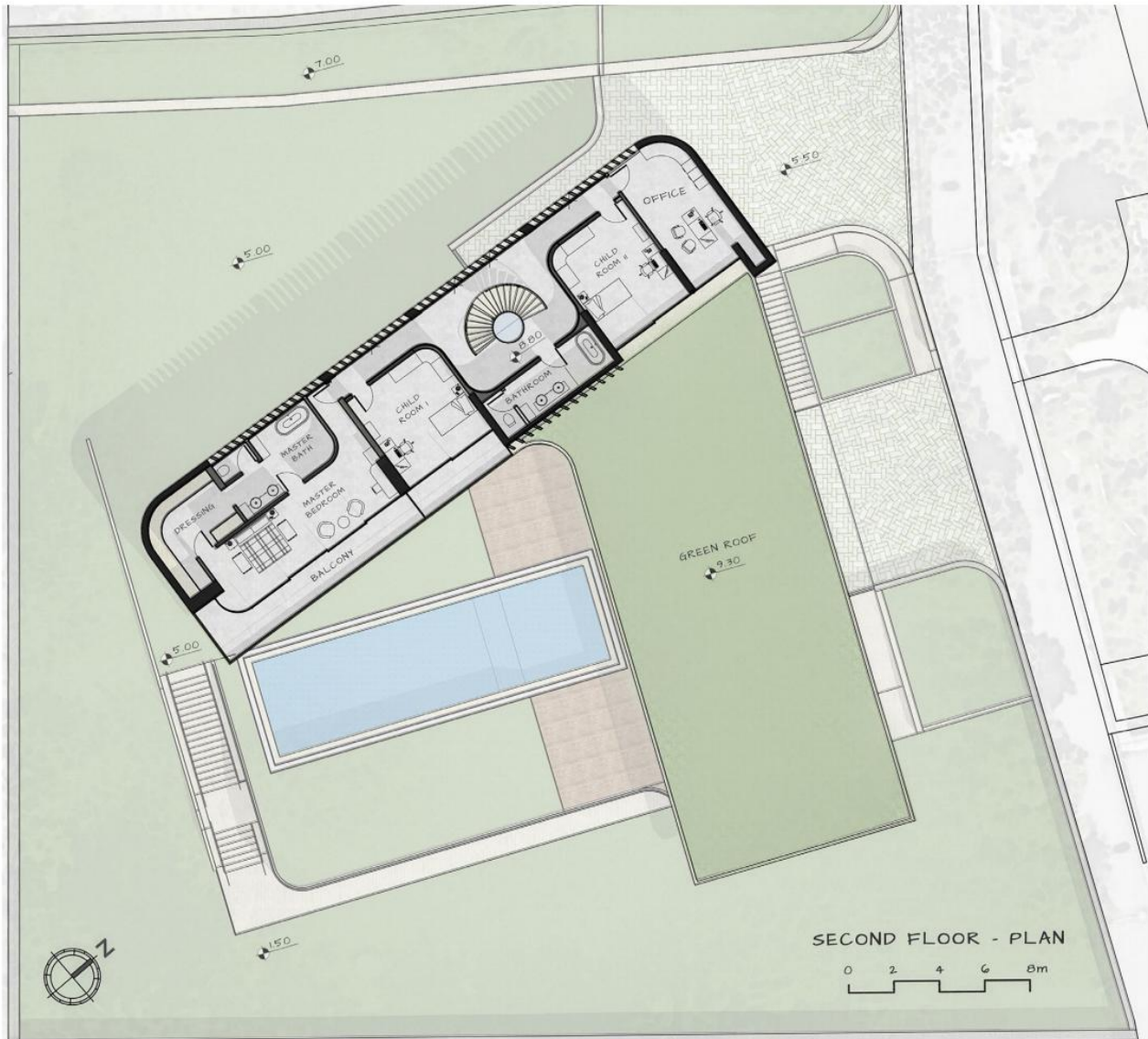
Ground Floor Area (m ²)		Total	
• Entrance/lounge/kitchen	32.0	• Car parking	52.0
• Teenager's room 1	18.0	• Storage	11.2
• Teenager's room 2	18.0	• Technical room	11.2
• Bathroom	16.0	• Pool Technical room	28.0
• Sauna	11.5	• Laundry	15.0
• Guest toilet	6.0	• Pool technical room	75.0
		Total	219 m²

First Floor Plan



First Floor Area (m ²)		Total		225 m ²	
▪ Entrance	25.0	▪ Living room	70.0		
▪ Wardrobe	6.5	▪ Staircase gallery	9.0		
▪ Garden storage	10.5	▪ Gym/entertainment	35.0		
▪ Toilet	11.3	▪ Housekeeping storage	7.0		
▪ Kitchen storage	5.0				
▪ Kitchen	23.0				

Second Floor Plan



Second Floor Area (m ²)		Total		190 m²
▪ Master bedroom	31.0	▪ Child's room 2	22.0	
▪ Dressing room	13.0	▪ Bathroom	12.0	
▪ Master bathroom	15.0	▪ Staircase	25.0	
▪ Child's room 1	22.5	▪ Office	22.0	

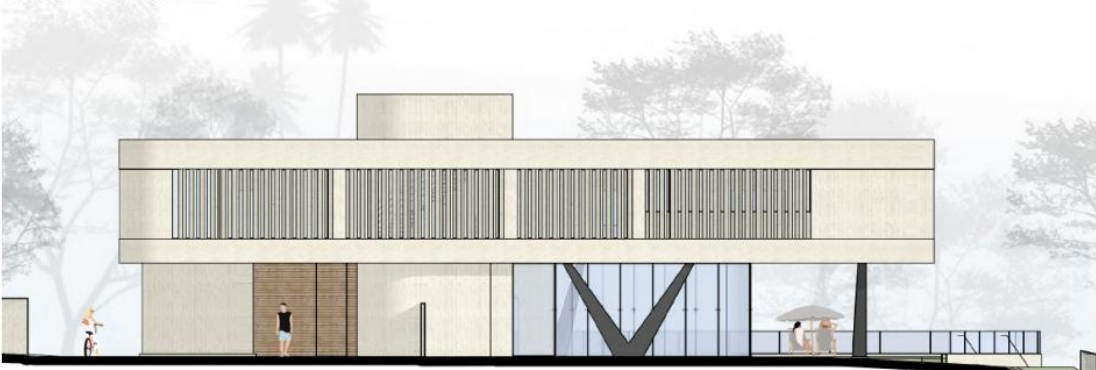
Section A



Section B



West Elevation





ABOVE: Kitchen and dining area - The vertical, slightly inclined concrete shades create large glazing with simultaneous privacy protection.

BELOW: View toward the central courtyard - The common areas are openly designed with extensive glazing that allows visual references. The central point is the inner courtyard with a pool.



ABOVE: View from the kitchen area to the living room with the panoramic view of the wooded area and the swimming pool.
BELOW: Master bedroom and balcony with panorama of Würzburg.



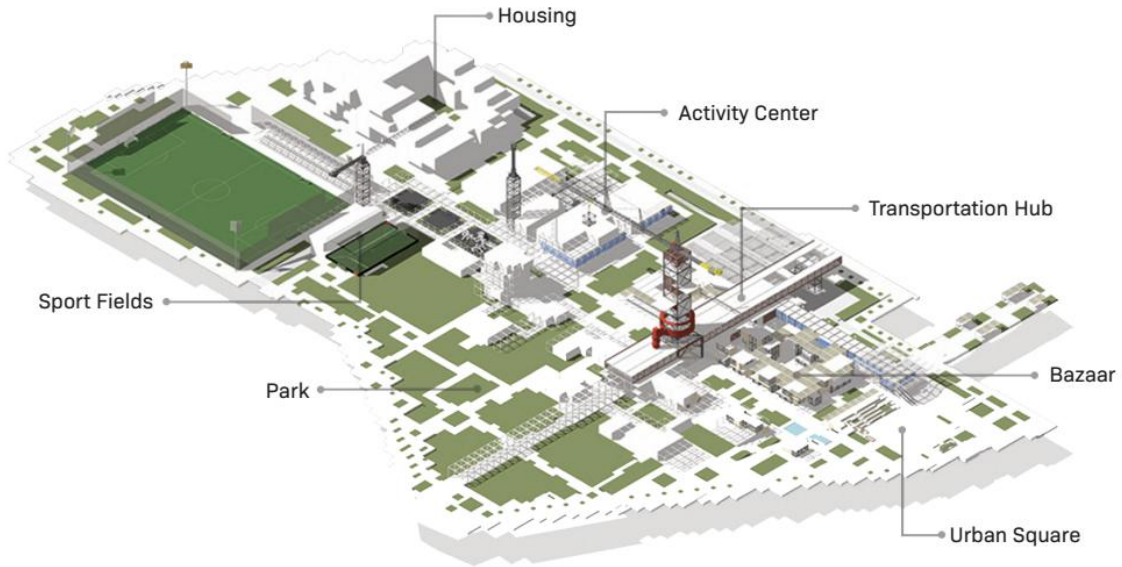
NEXT PROJECT:
DYNAMIC HUB 

DYNAMIC HUB

A NEW URBAN HUB FOR BUCA

4th year of Bachelor - Architectural Design Studio VI
INDIVIDUAL WORK - Spring Semester 2018

Instructors: Prof. Dr. Erdem Erten, Prof. Dr. Fehmi Dogan
Research Assistant: Ece Ceren Onder



SHOPPING, COMMERCE, TRANSPORTATION

Studio Coverage:

The main purpose of the studio is to design a new urban center in the Sirinyer district of Buca. The selected area is an important and historical public space of the 77,000 square meter district, which is known as Sirinyer Park. In this project, shopping, commerce, and transportation all together are three major backbones of a rich urban environment, or of an urban hub, to which other major services could easily be incorporated.

Site Location:

Şirinyer Parkı, Buca
Izmir / TURKEY

Total Area:

Site: **77.780 m²**
Closed: **28.000 m²**



As a **CLEAN & ENDLESS CONSTRUCTION SITE** with Modularity

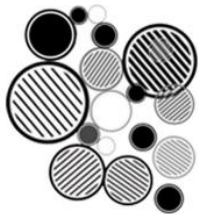
Nowadays, an important problem arises in the urban built environment; **“Non-Continuity”** Citizens’ requests regarding the site will vary continuously. An ideal architectural program that can be established today can create dissatisfaction even in the near future, it can cause **“DEMOLISHMENT and RE-CONSTRUCTION”**.

“Dynamic Hub designed as a criticism of the concept of demolishing and build a new one.”

In the project, it is aimed to create an alternative solution to the constantly renewed public spaces. The solution is defined as **a clean and endless construction site** that will continue to change constantly. The area that will be designed in a **dynamic modular system** allows change without the need for demolition.

It is also intended to design more integrated spaces that are currently separated in the site.

Intended Architectural Program:



Separated Spaces



Integrated Spaces

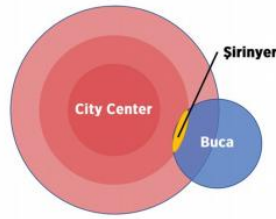




THE SITE CURRENT STATE

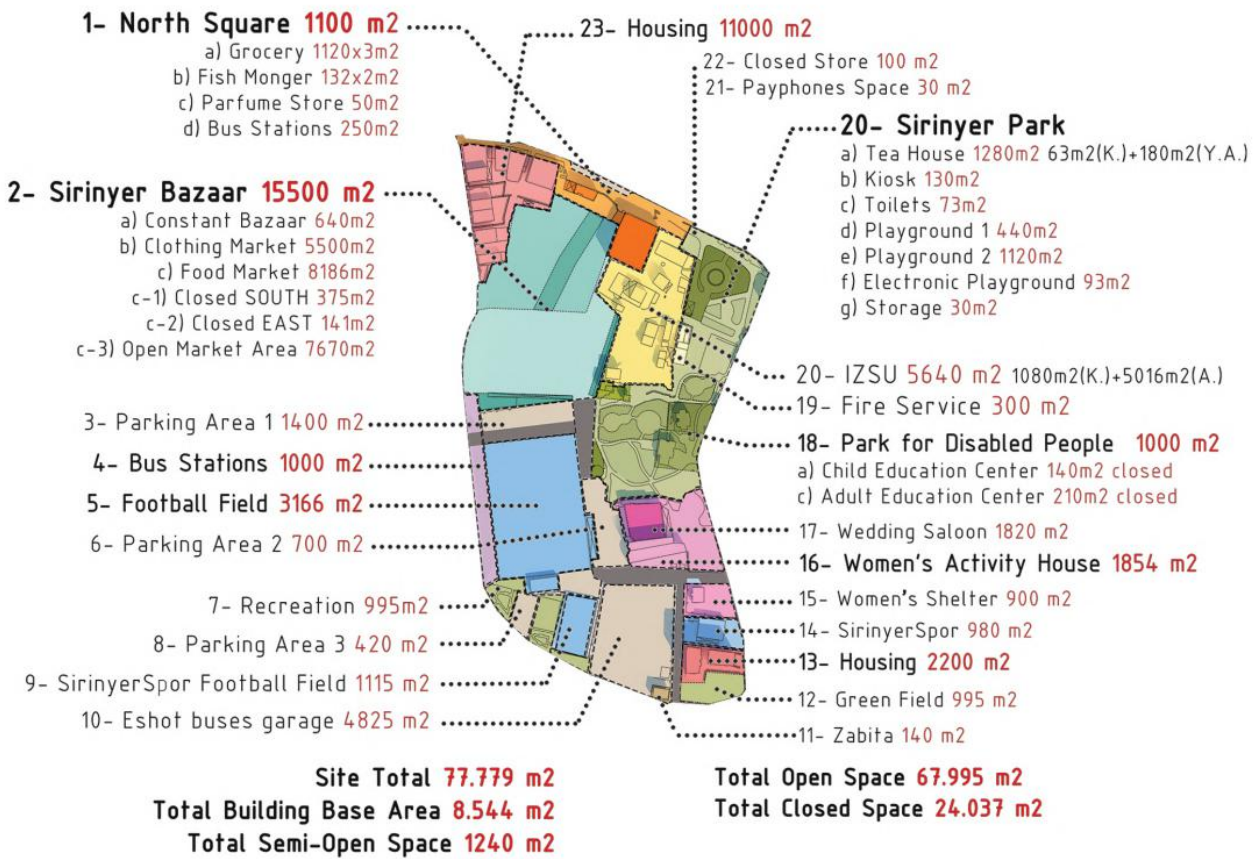
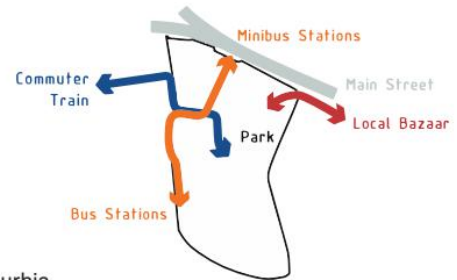
In the site present state, it has a rich and fragmented structure with approx. 40 divided subsections. **Current users are likely to expect the site to perform the same functions in the future too, but It is a fact that the existing functions are not sufficient** for the citizens. The area must be reorganized and adapted to the needs of the new functions.

Location:



It is a site between the city and suburbia.

Main Paths:

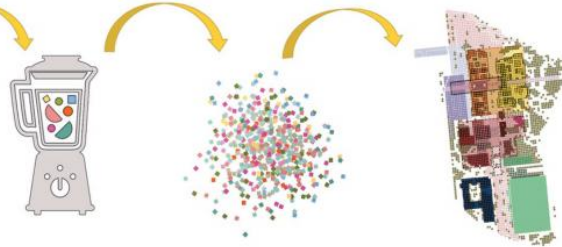


THE SITE PROJECTED STATE

Current State



Projected State



The most appropriate architectural program, which is determined as a priority, is designed and the end of this program is left open for the future.

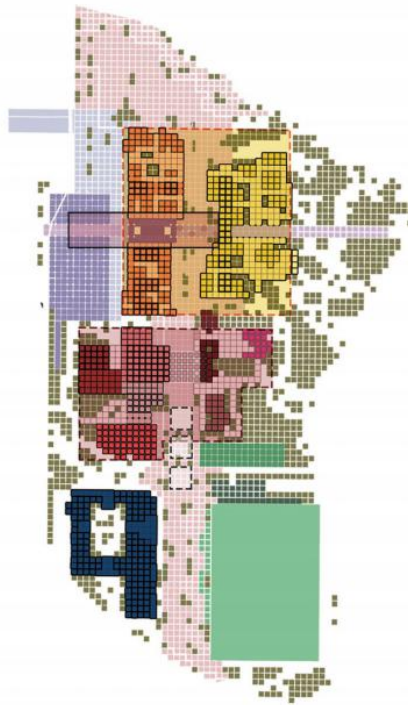
The aim here is to create a systematic working landscape, which in time can have an anonymous design.

SHOPPING - TRANSPORTATION AND SOCIAL ACTIVITIES are the main pillars of the fluid and holistic order.

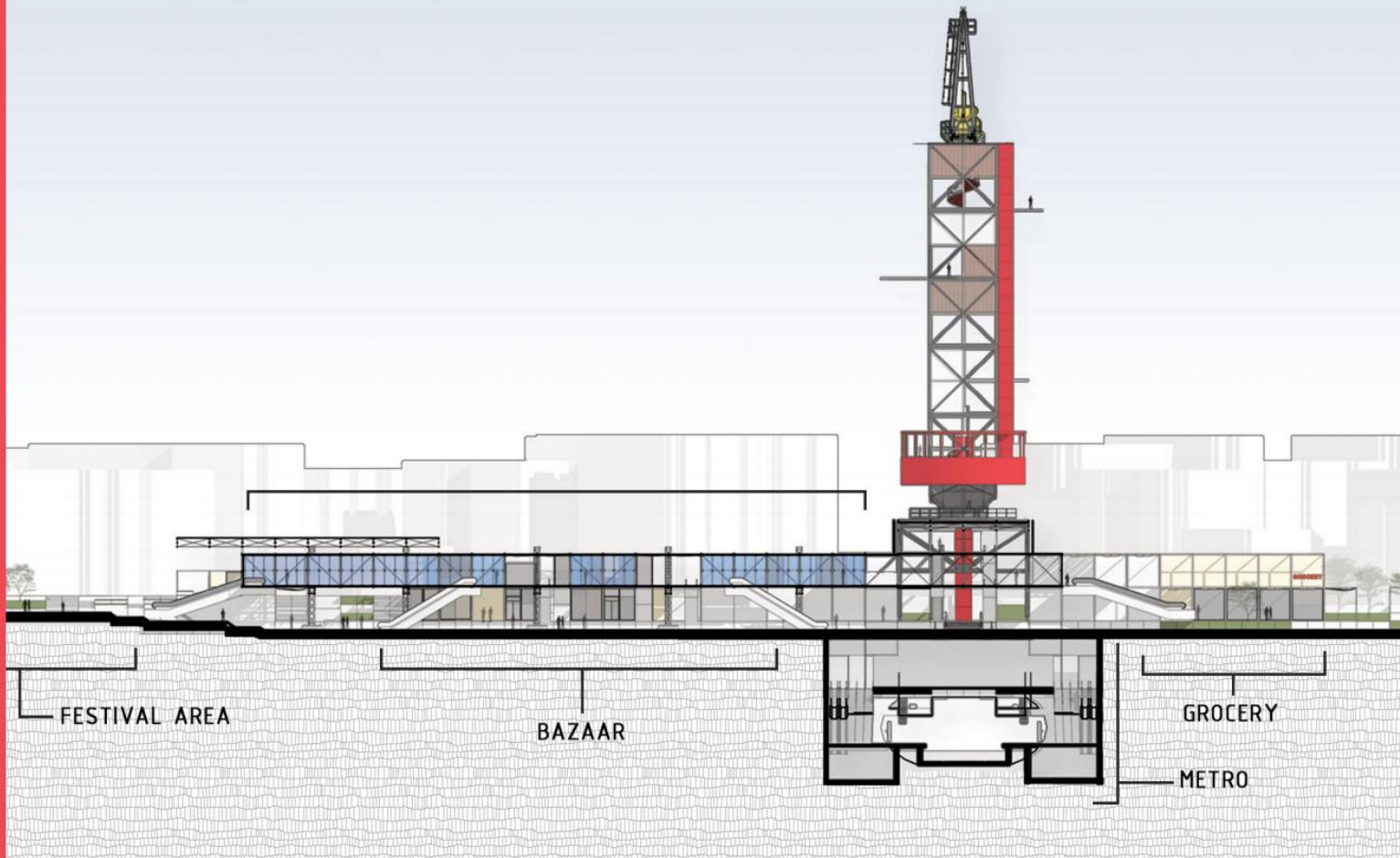
Proposal Plan:

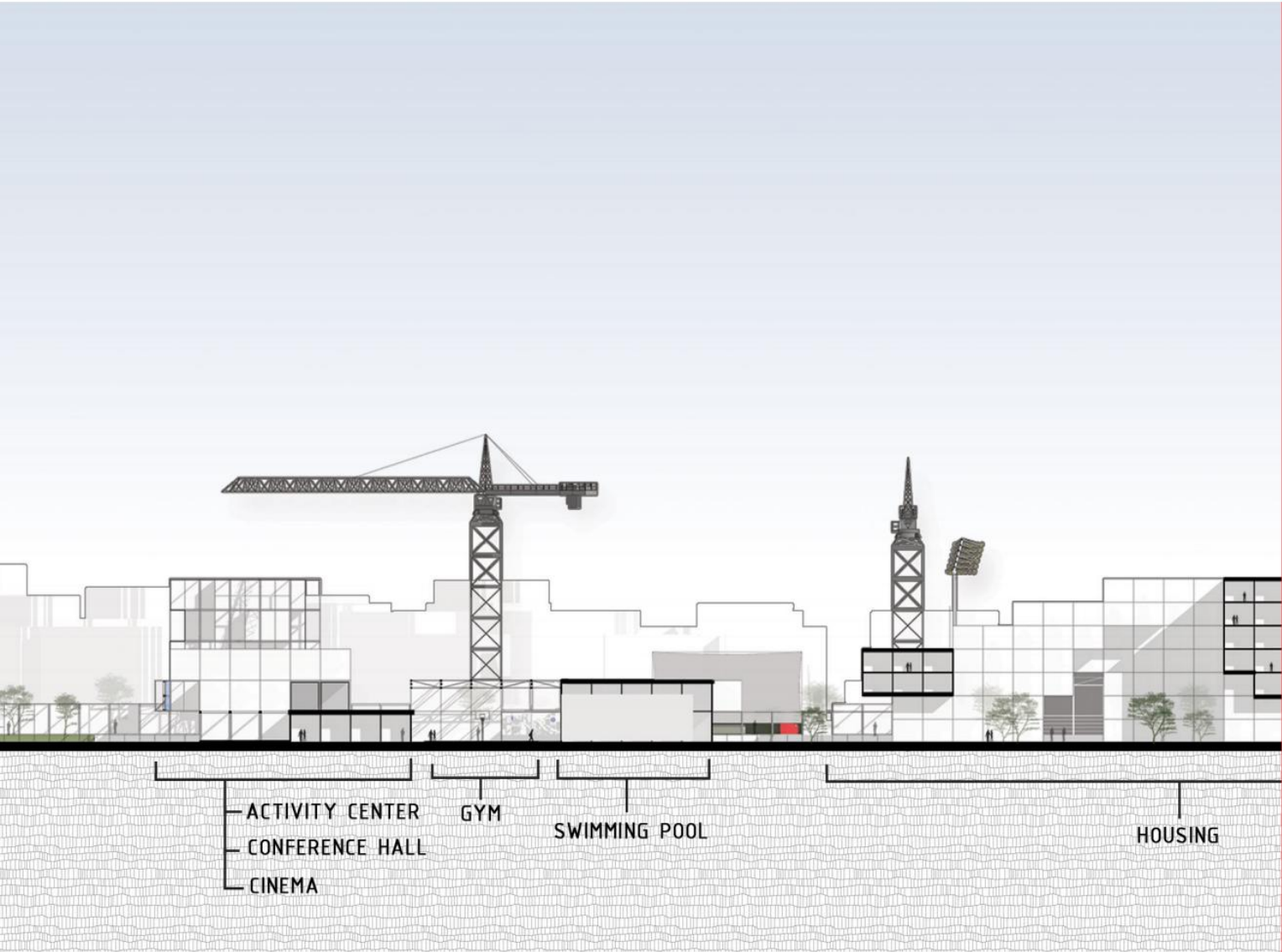
PROGRAM

MARKET AREA	
- CLOSED MARKET.....	3000 M2
- OPEN MARKET	
TRANSPORTATION	
- BUS STATIONS.....	2680M2
- METRO	
- İZBAN TRAIN	
- EXHIBITION AREA.....	750 M2
BAZAAR	
- STORES.....	1560 M2
- GROCERY.....	800 M2
- CAFE&RESTAURANT..	1600 M2
ACTIVITY CENTER	
- WORKSHOPS.....	620 M2
- CONFERENCE HALL.....	1530 M2
- CINEMA.....	1476 M2
- FITNESS CENTER.....	1024 M2
- SEMI OLYMPIC POOL..	1680 M2
- EDUCATION CENTER.....	338 M2
- EXHIBITION AREAS.....	560 M2
PARK	
- PLAYGROUNDS.....	800 M2
- SPORT FIELDS.....	750 M2
- FOOTBALL FIELD.....	3164 M2
- BASKETBALL FIELD.....	800 M2
- HOUSING.....	1400 M2
(FOR THE SITE'S RIGHT OWNERS)	



SECTION BB'





Flexibility and Modular Architecture

Surface Elements



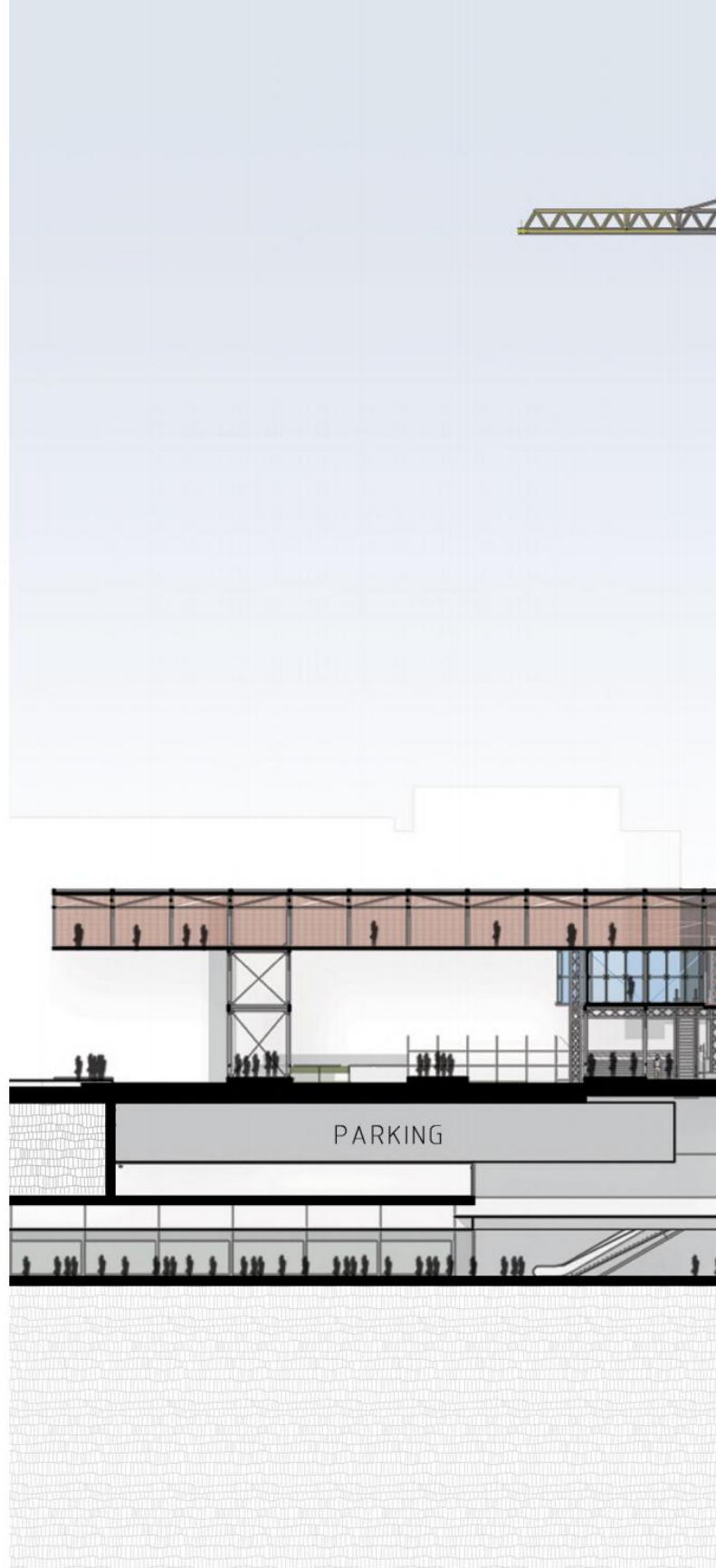
Structural Elements & Coverings

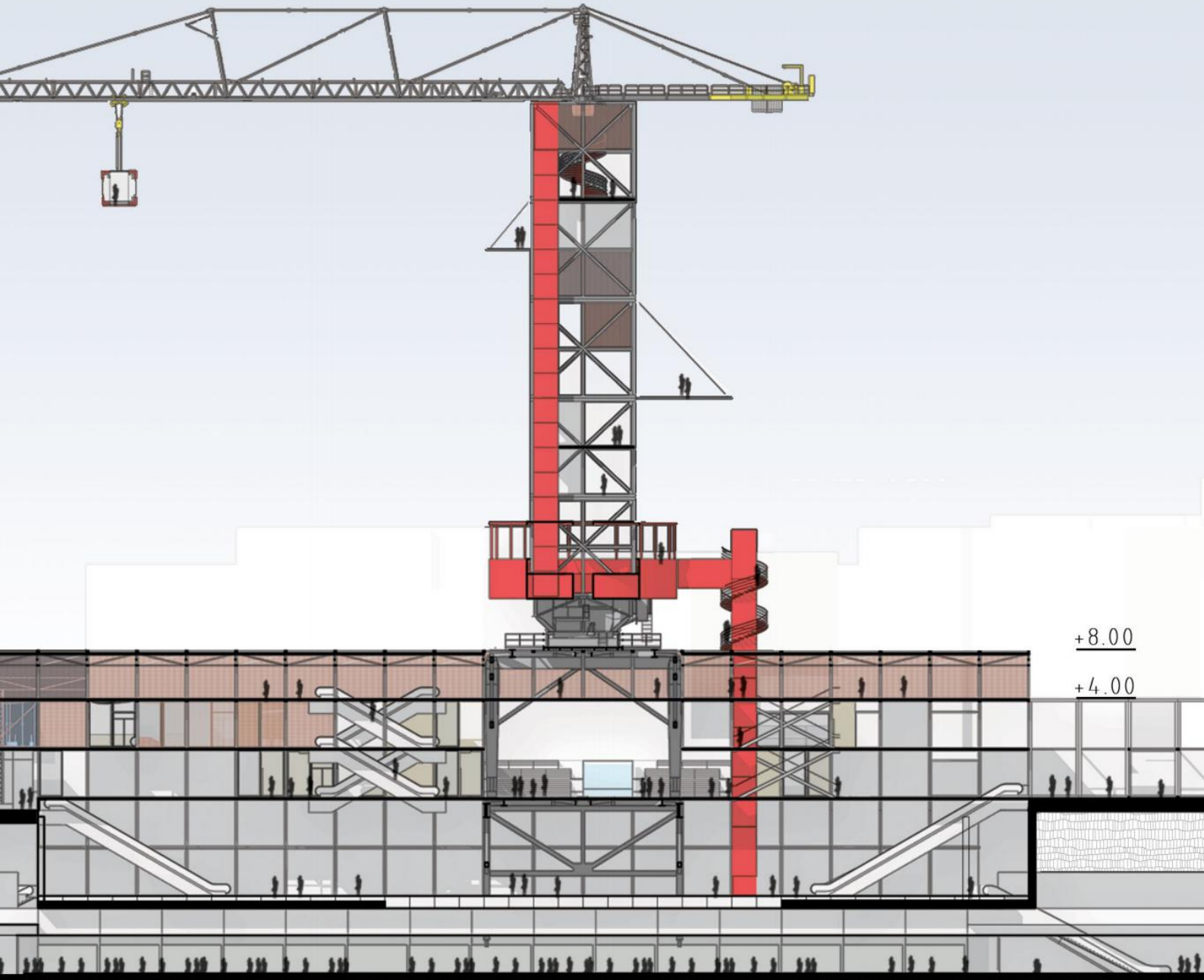


The Dynamic Hub aims to reach the **flexibility** required by **modular steel systems**.

The **movable** architectural pieces are designed to move within a 2x2 meters grid mesh. These modular elements are aligned to those who can move more easily than those that can move hardly. **The amount of this mobility shapes the scenarios of places in short and long terms.**

In order to facilitate the transport of all moving parts and to emphasize the identity of the project site, **3 cranes** are installed in the area. These cranes form the most stationary points of the project, never dismantled and their operation is not stopped.

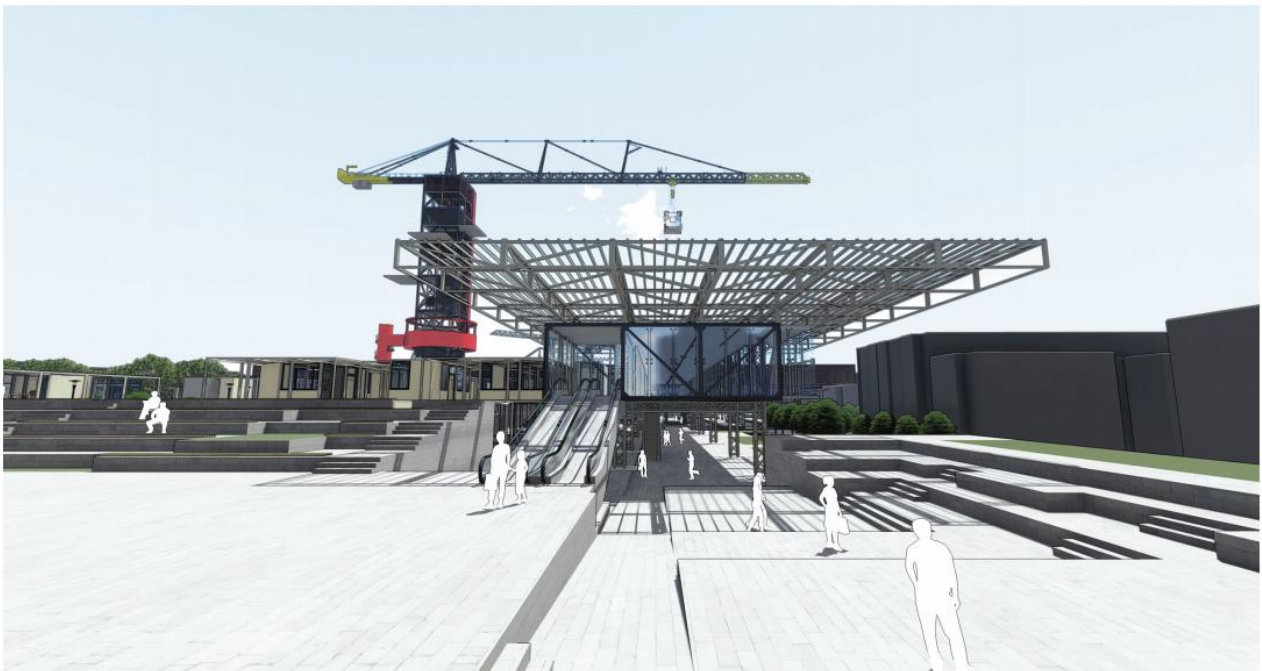




+8.00

+4.00

SECTION AA'

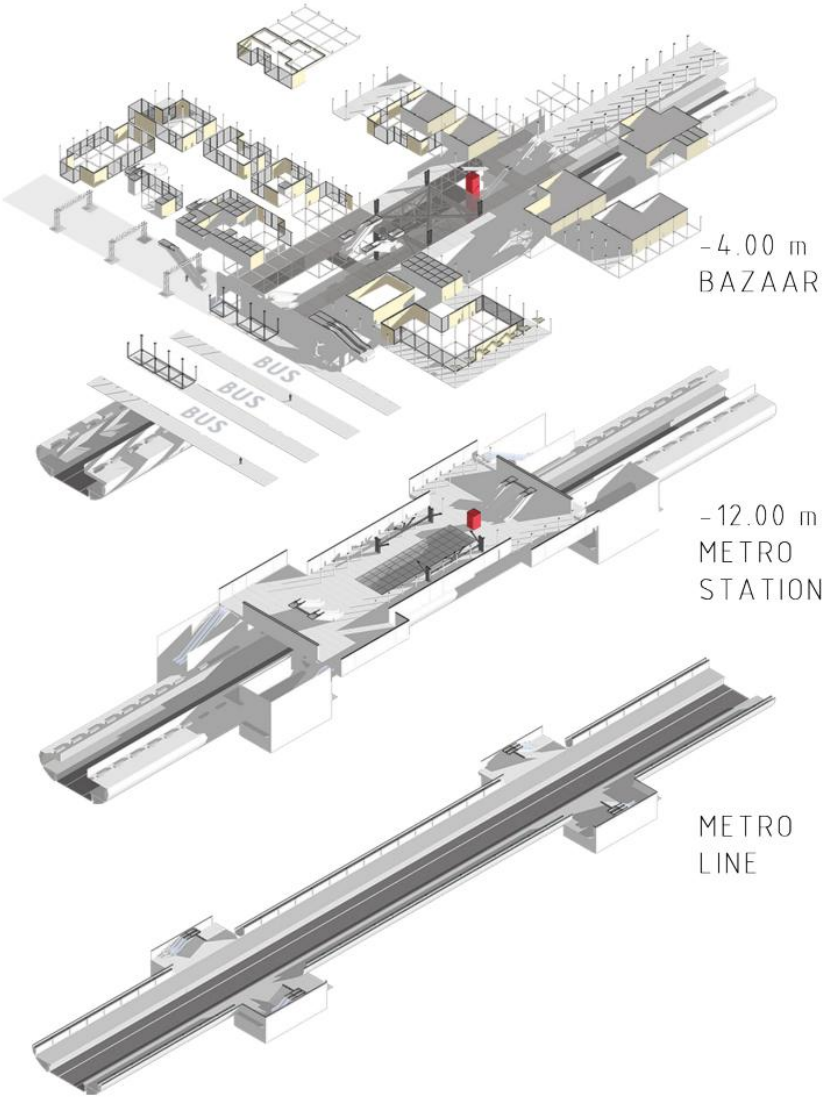


ABOVE: Public Square & Market Space. The exhibition area and the bazaar on the upstairs, bus station is connected directly ahead.

LEFT: Bus stops with bazaar and metro connections.

RIGHT: Housing for landowners and sports field around the main axis

Transportation Hub & Underground





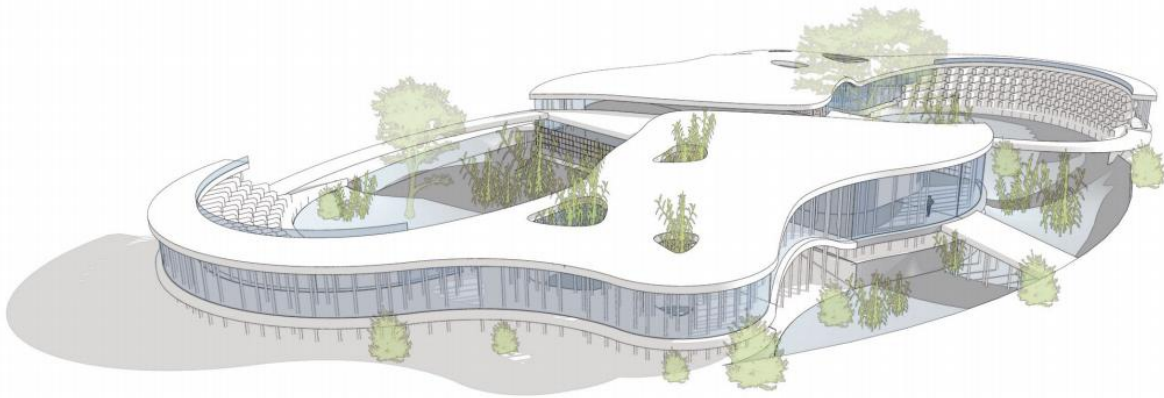
PANDA HOUSE

JOURNEY THROUGH THE FOREST

Master Architecture (DIA) - Design Studio I
INDIVIDUAL WORK - Winter Semester 2019/20

Instructor: Prof. Dr.-Ing. Natascha Meuser

Editorial Assistant: Wong Zhen Fai



CAN THE BAMBOO FOREST BECOME THE PANDA HOUSE ITSELF ?

Studio Coverage:

The project deals with the construction of a new panda house at Berlin Zoo. Before the first sketch is drawn, the question of the future inhabitants of the facility must first be clarified. The core principles for the design must be developed through research and then implemented and presented in concrete design. The final works should not only spark discussion about contemporary animal husbandry but also provide important and innovative inspiration for the up-to-date transfer of knowledge in zoos.

Site Location:

Tierpark Berlin, Friedrichsfelde
Berlin / GERMANY

Total Area:

Site: **3775 m²**
 Open: **2650 m²**
 Closed: **1105 m²**

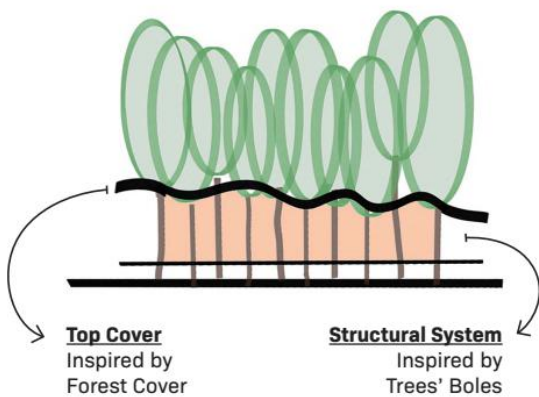


BAMBOO FOREST

AS A SOURCE OF INSPIRATION

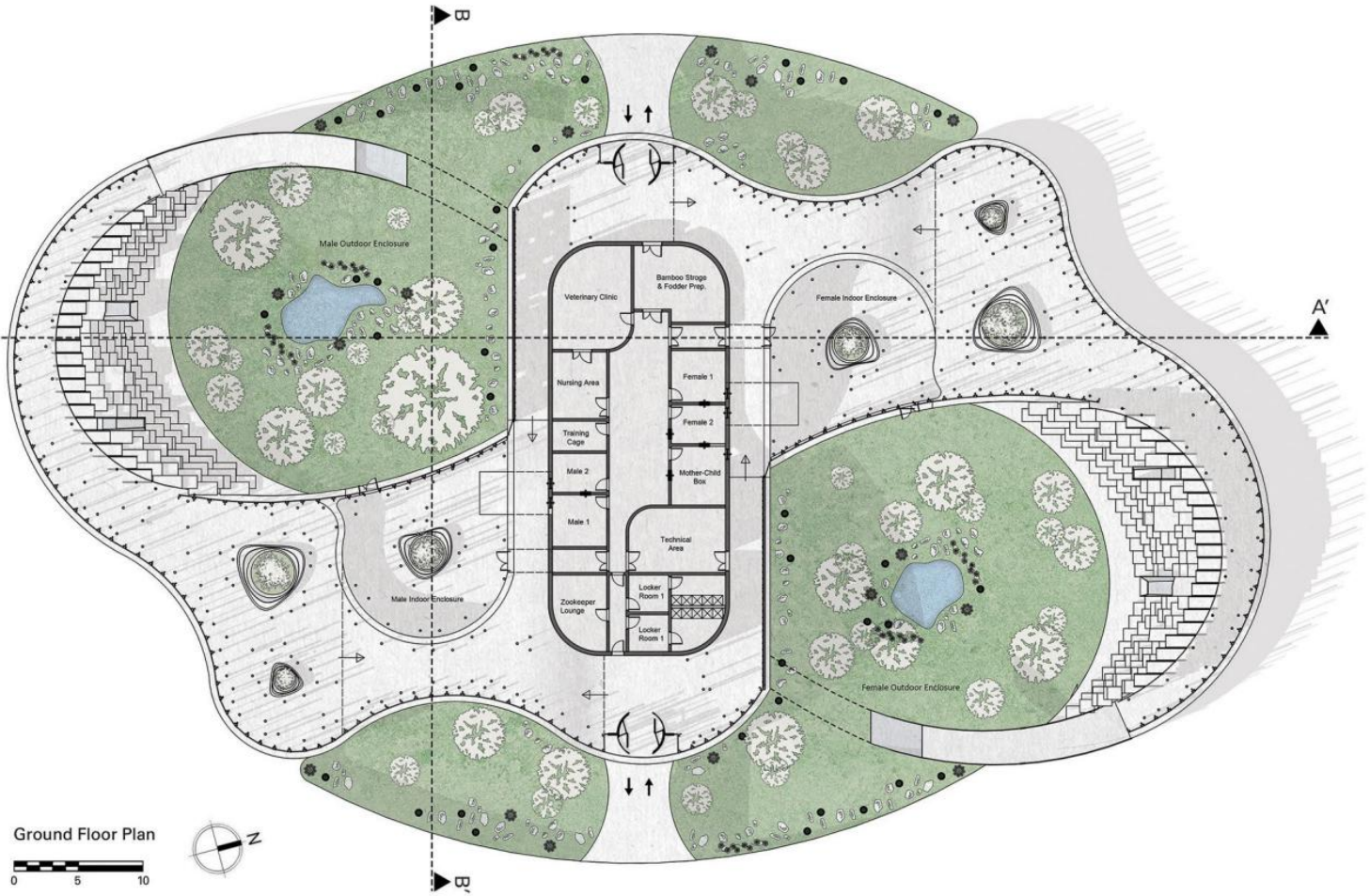
This design started with the question: »Do pandas have a house?« and sought to find a method for making pandas feel at home. At the same time, it is aimed at designing a building where visitors can better **experience the natural environment of pandas**. Pandas are wild animals which normally live in bamboo forests at the heart of a natural landscape. The building is thus inspired by such forests. The multiple **structural poles** within the building are **inspired by bamboo poles** and the **organic top cover is inspired by forestry**. This brings visitors closer to the experience of wandering within a bamboo forest.

Design Idea:

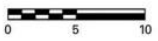




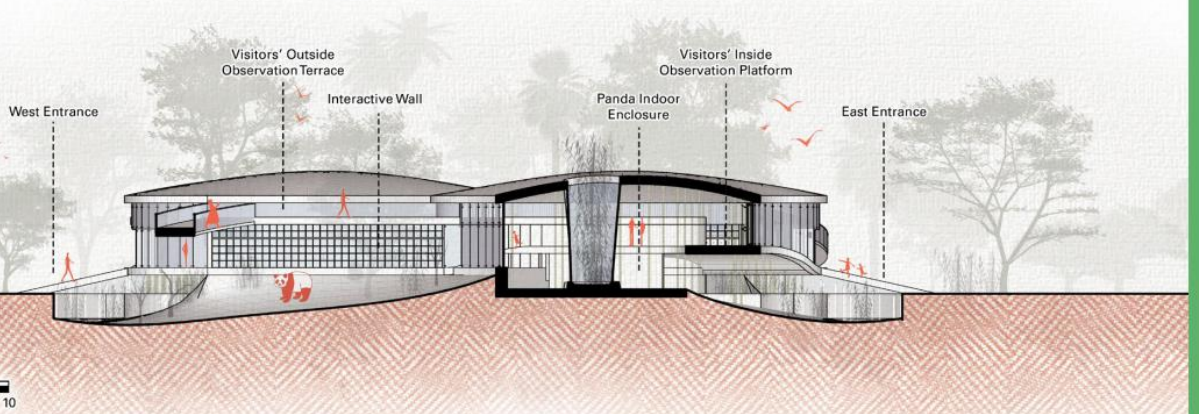
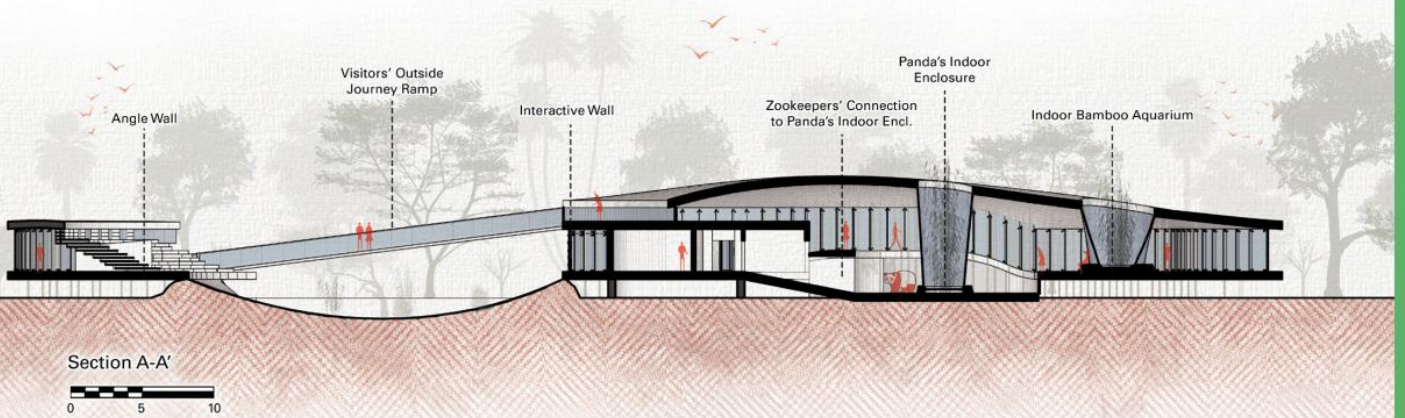
PLAN



Ground Floor Plan

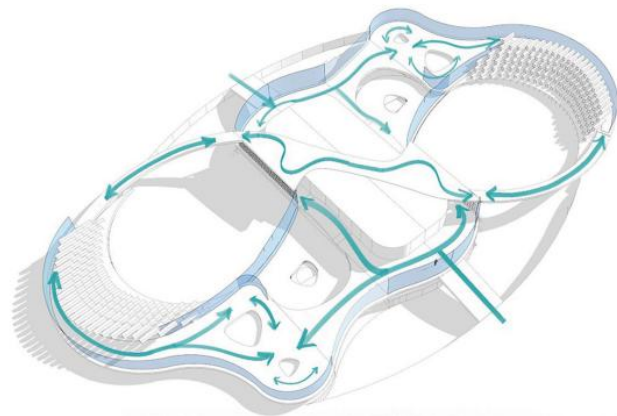


SECTIONS

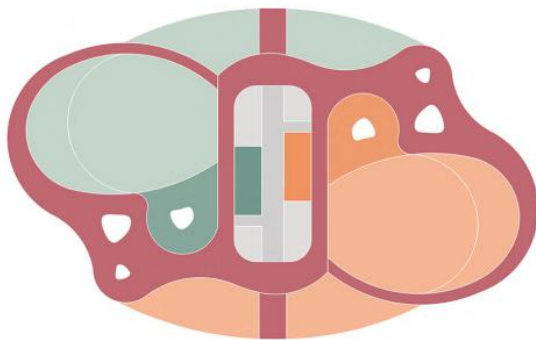


The Diversity of Circulation

The design creates a wide range of alternative circulation routes for both pandas and visitors. The visitor's route draws **inspiration from the Möbius Strip**, also called the **twisted cylinder**, in order **to maintain continuous and fluid circulation**. Visitors can access different levels and explore **different perspectives** on their route which comprises ramps leading to the roof as well as **indoor and outdoor exhibition and observation spaces**. The project is designed for two pandas of different genders. These **two pandas have different sub-spaces within their territory**, although during certain periods the individual panda habitats can be merged to one large single habitat.

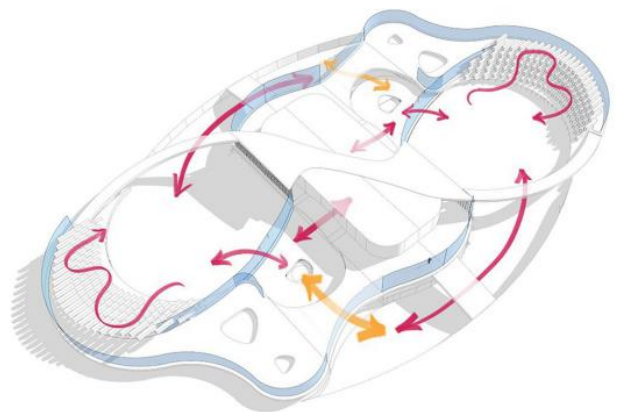


Visitors Circulation Path



- Outdoor Enclosures for Male Panda
- Inside Enclosures for Male Panda
- Outdoor Enclosures for Female Panda
- Inside Enclosures for Female Panda
- Visitors' Area
- Zookeeper & Technical Area

Ground Floor User Diagram



- Connection between two pandas at certain times.
- Pandas' Daily Circulation

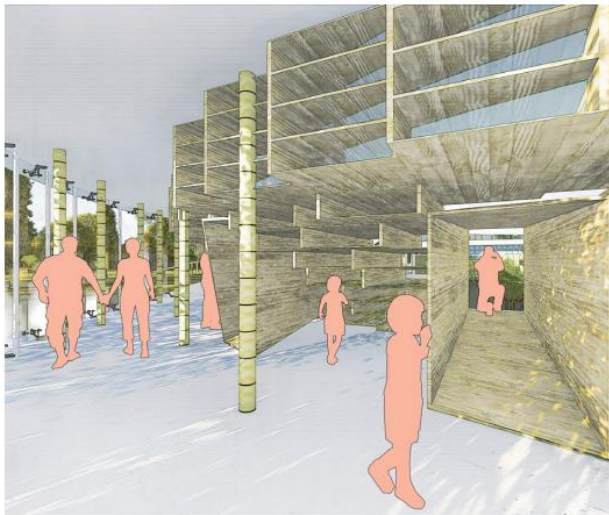
Pandas Circulation Path

INTERACTION

Interaction between pandas and humans is one of the core aspects of this project. The design provides **different boundary typologies** to create diverse experiences for visitors. It also creates **semi-private areas for the panda**. When pandas do not wish to see visitors they are able to retreat to these areas, although visitors may continue to observe them behind boundaries with a limited view.

- Angle Wall

The purpose of the “Angle Wall” is **to play with viewers’ perceptions**. It is a huge climbable Amphi for the Pandas, which built with simple **rectangular boxes**. It offers limited perspective to the visitors, that creates an attractive effect.



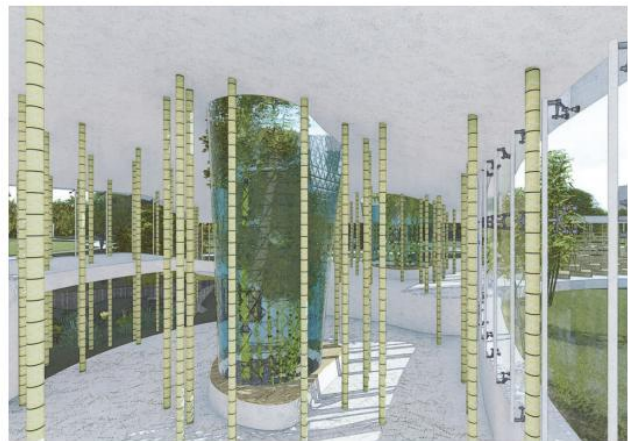
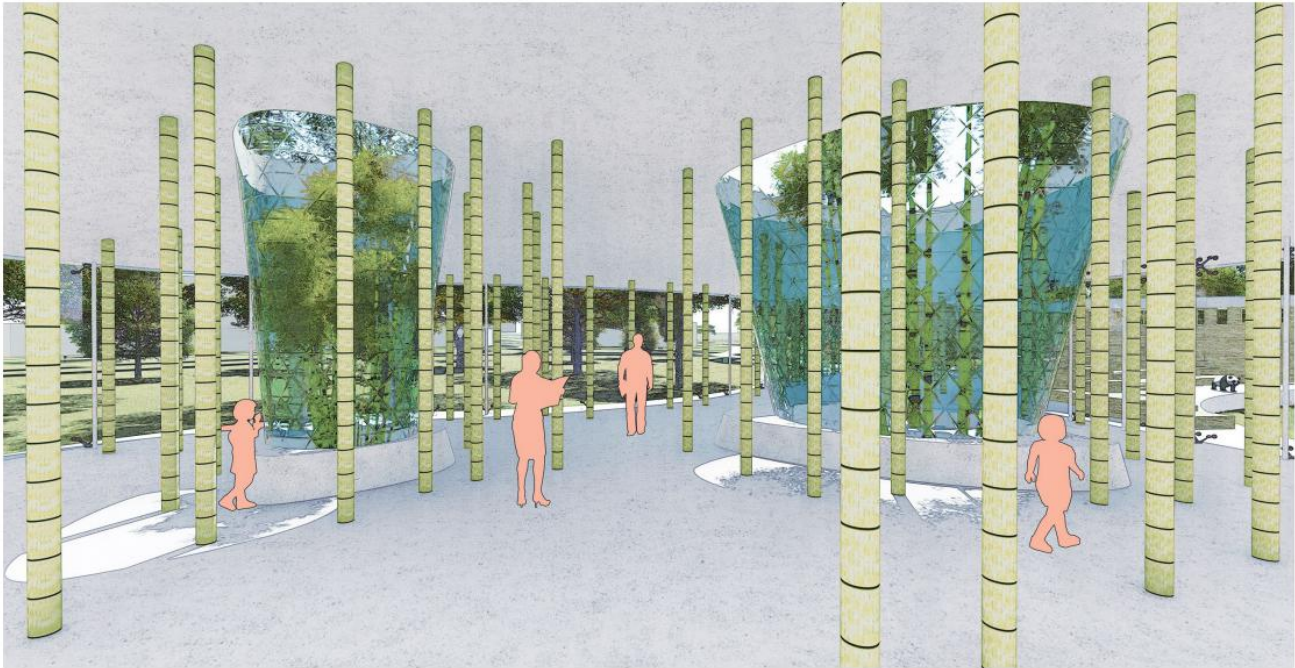
Angle Wall from Visitors' Journey

- Interactive Wall

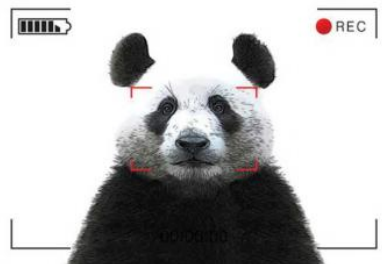
Interactive Wall is aimed at attracting visitors' attention by inviting them to play the “**Find the Panda**” game. Each 50x50 cm dimensioned **moduls can move in 2 dimensions by a railed system**. Also, this attractive boundary gives more privacy feel to the Panda.



Interactive Wall from Visitors' Journey



ABOVE: Visitors' Indoor Area with Bamboo Aquariums.
LEFT: Visitors' Outside Journey Ramp.
RIGHT: Male Panda's Indoor Enclosure.





Visitors' West Entrance Bridge and Panda's Outside Garden

1- MEUSER Natascha, *Research Based Design / Building for Animals*, 2020



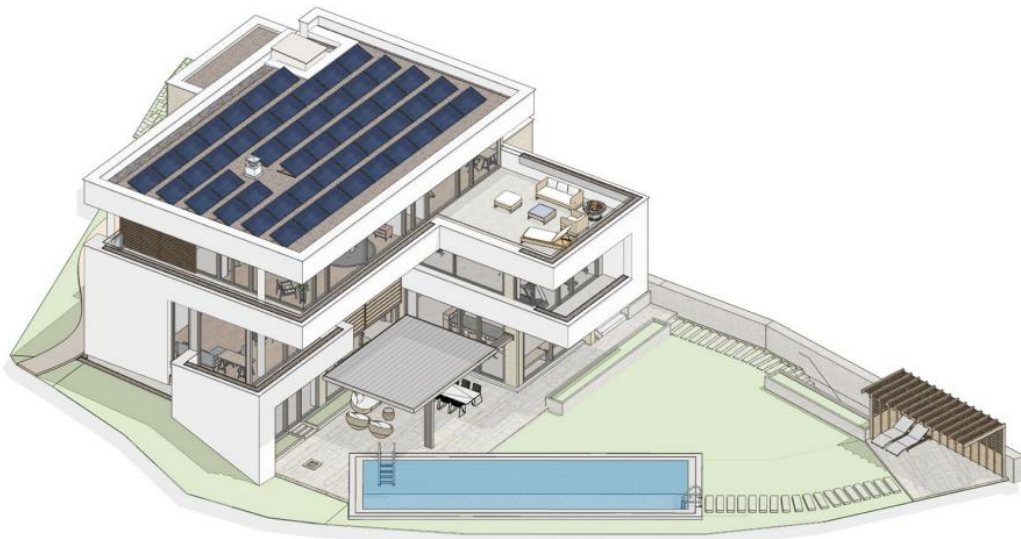
NEXT PROJECT:
VILLA KASTEN



VILLA KASTEN

LEVELS OF VIEWS INTO SPACES

INDIVIDUAL FREELANCE WORK - March 2021



HOUSE ON A TUNISIAN HILLSIDE

Project Scope:

This work is a conceptual design project that aims to discover a German family's dream house after their move to Tunisia for business purposes. The site belonging to the family has been analyzed and several different architectural programs have been studied considering the family's wishes. Finally, a joint final program was agreed and detailed plans and sections were drawn. Finally, with realistic visualizations, the house that the family dreamed of in Tunus was tried to be depicted. This work will guide a local licensed architect and construction team.

Site Location:

Gammarth Supérieur
La Marsa / TUNUSIA



Total Area:

Site: **842 m²**
Closed: **510 m²**



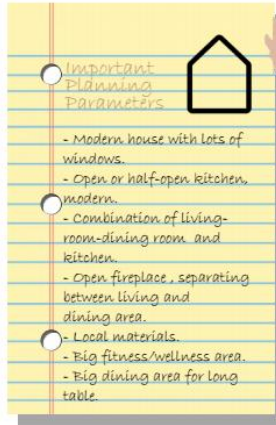




The Inhabitants Who Lives in the House?



Mrs. Hill
49 years old.
Lawyer
Wants a modern house with natural light/brightness.
Likes reading books, classical music, sports, politics, nature



Mr. Hill
54 years old.
General Manager
Wants to have a villa which gives him a feeling of calmness.
Likes cars, motorbikes, silence, television, sports



L. Hill
17 years old. Will do his IB in 2021 and will leave the house.
Wants to have his own room for longer stays in Tunisia.
Likes sports, swimming, gaming

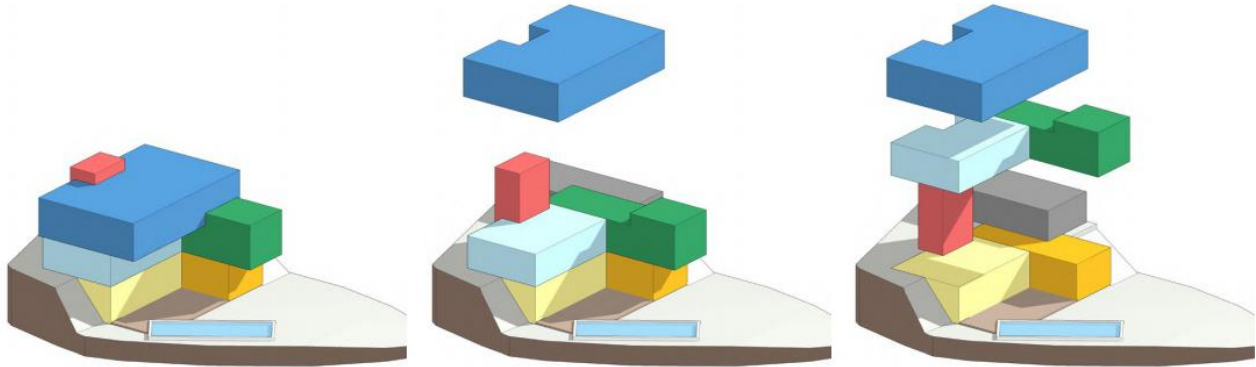


Miss. Hill
13 years old. Will do her IB in 2025 and will stay with the family for this period.
Wants special sleeping room with a "hang out net" or hammock.
Likes sports, computer, music

Family Members
* Names are representative.

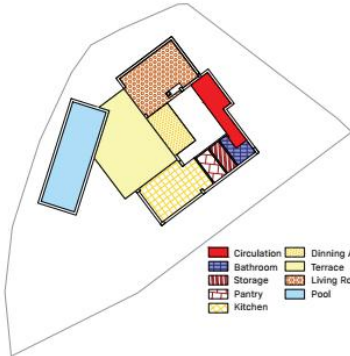
Villa Kasten

3D Volume Setup & Program

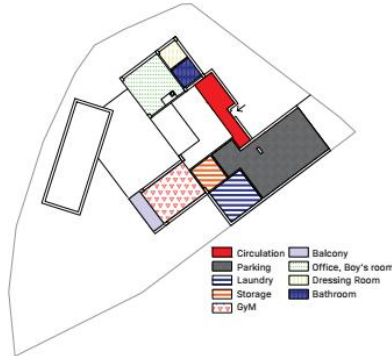


- | | | |
|--|---|---|
| D-01 | D-02 | D-03 |
| Level (-1) | Level (0) | Level (+1) |
| <ul style="list-style-type: none"> Kitchen, Toilet, Storages Dinning, Living, TV Swimming Pool | <ul style="list-style-type: none"> Office, Guest Room, Bathroom Entrance, Fitness / Wellness Garage | <ul style="list-style-type: none"> Bedrooms, Bathrooms, Dressing Stairs |

Layout Diagrams



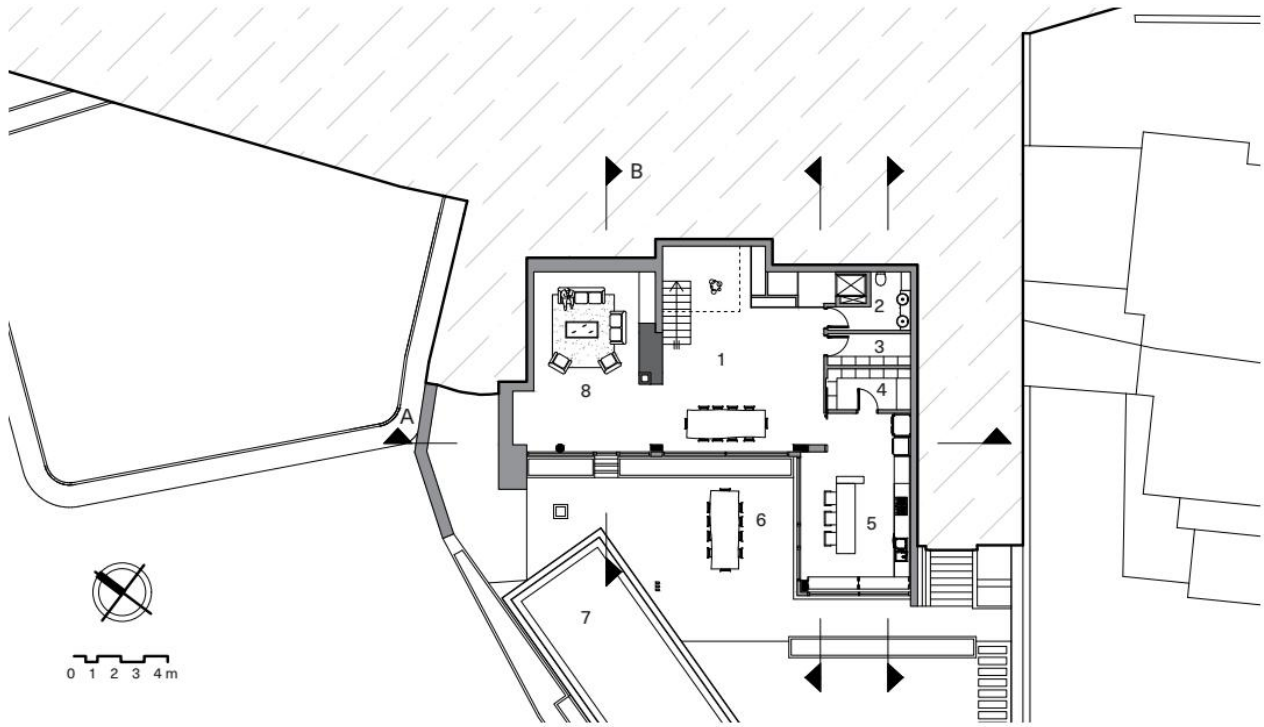
Programmatic Display on Level -1



Programmatic Display on Level 0

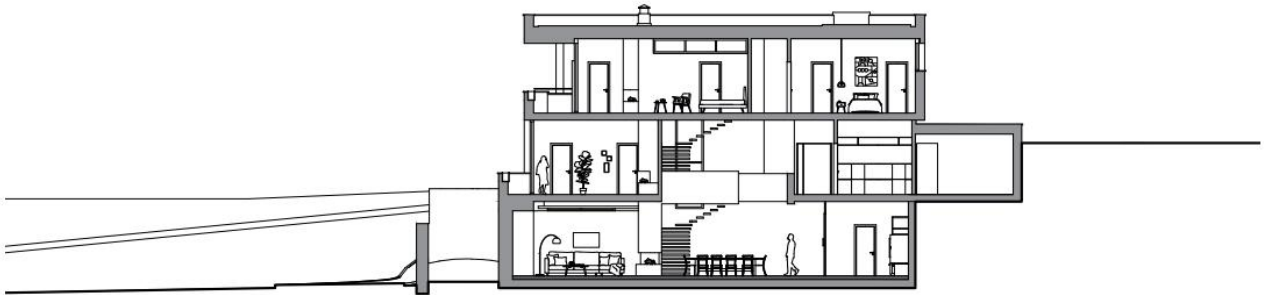


Programmatic Display on Level +1

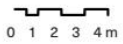


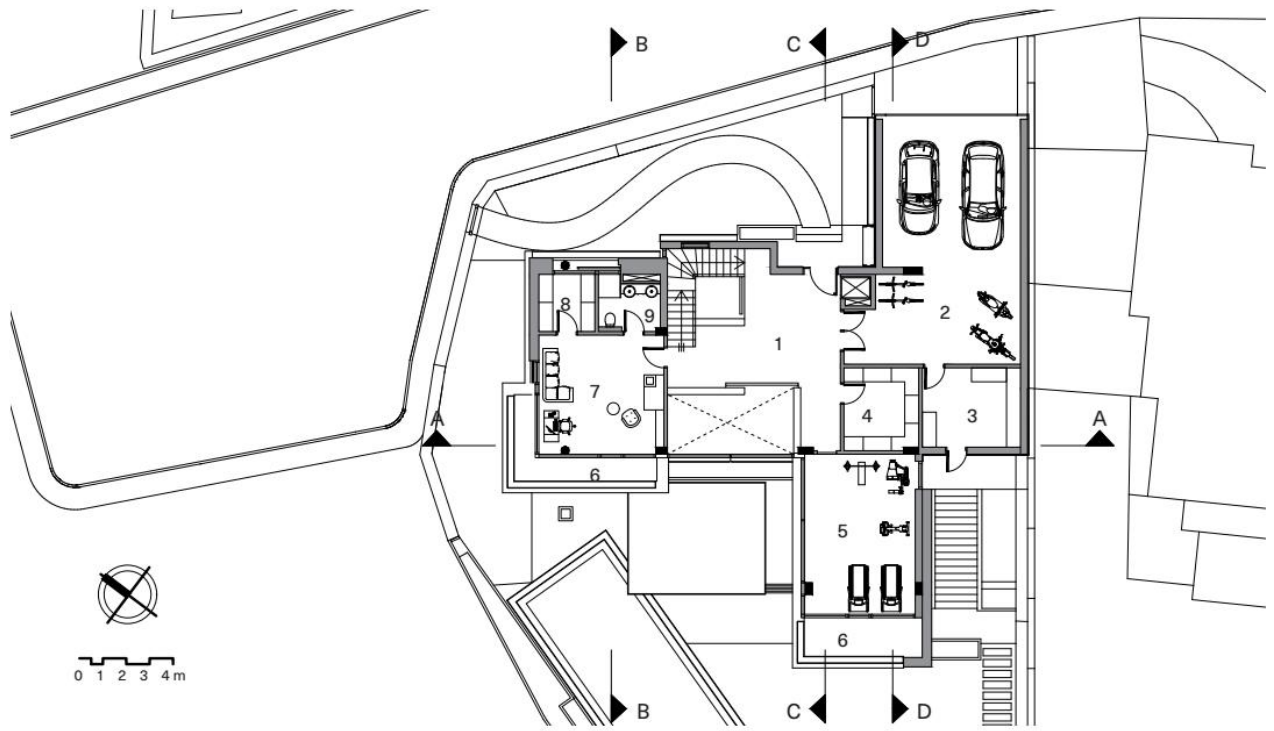
PLAN - Level (-1)

1 - Dinning.....	27 sqm	5 - Kitchen.....	34 sqm
2 - WC.....	6 sqm	6 - Terrace.....	73 sqm
3 - Storage.....	5 sqm	7 - Swimming pool.....	79 sqm
4 - Pantry.....	6 sqm	8- Living room.....	40 sqm



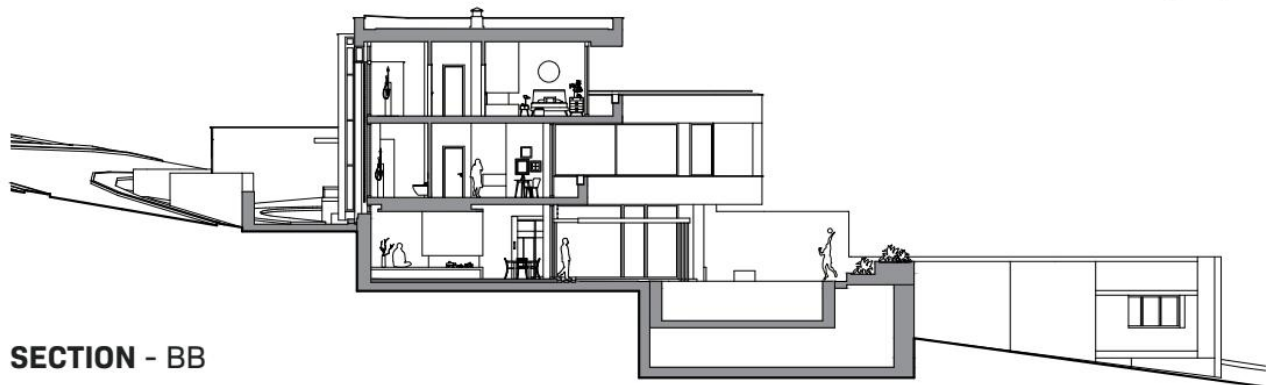
SECTION - AA





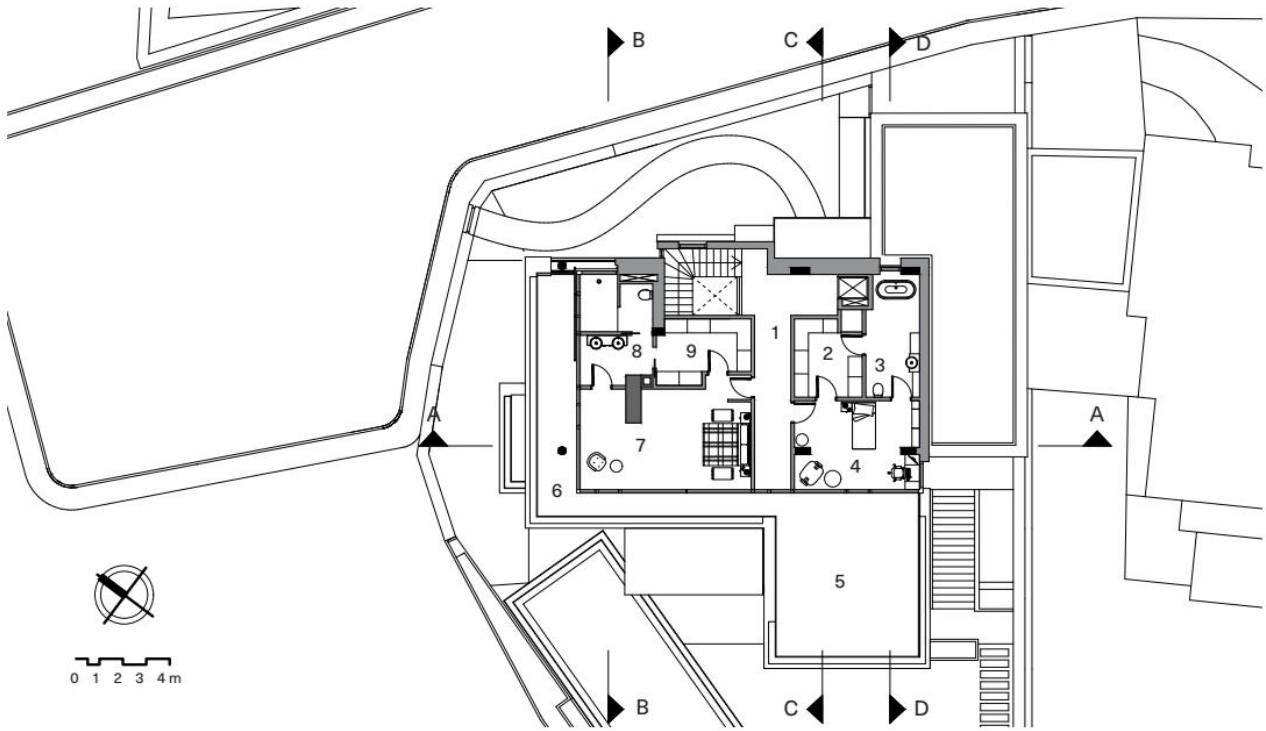
PLAN - Level (0)

1 - Entrance.....26 sqm	5 - Fitness/ Wellness.....32 sqm
2 - Car Parking.....67 sqm	6 - Balcony.....9 sqm
3 - Laundry+ Mechanical..... 14 sqm	7 - Office+ Bedroom.....26 sqm
4 - Wardrobe.....11 sqm	8 - Dressing..... 6 sqm
	9 - Bathroom.....6 sqm



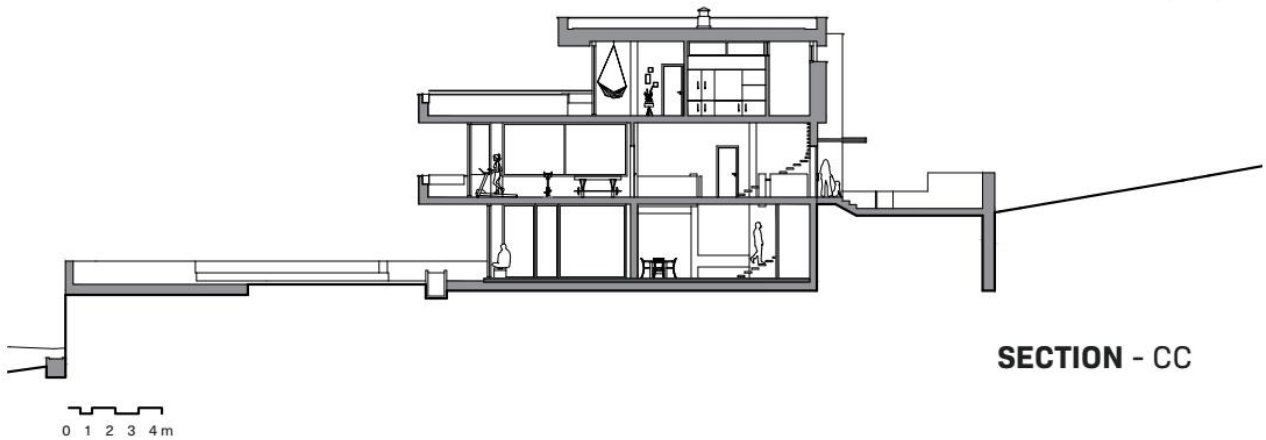
SECTION - BB

0 1 2 3 4m



PLAN - Level (+1)

1 - Hallway.....	20 sqm	5 - Terrace.....	42 sqm
2 - Dressing.....	9 sqm	6 - Balcony.....	25 sqm
3 - Bathroom.....	11 sqm	7 - Master Bedroom.....	33 sqm
4 - Lea Bedroom.....	20 sqm	8 - Bathroom.....	14 sqm
		9 - Dressing.....	10 sqm



SECTION - CC



ABOVE: Aerial View of the House from the West.

LEFT: North View of the House from the Road.

RIGHT: East View of the House from the Neighbour's House.

Fireplace and indoor dining area from the living room







ABOVE: A spacious indoor dining area for 10 people, under the floor opening.
LEFT: Master bedroom with a full view of Tunisia City and woodland landscape
RIGHT: Living room in front of the swimming pool and inner garden.



Pedestrian Entrance from the front yard.



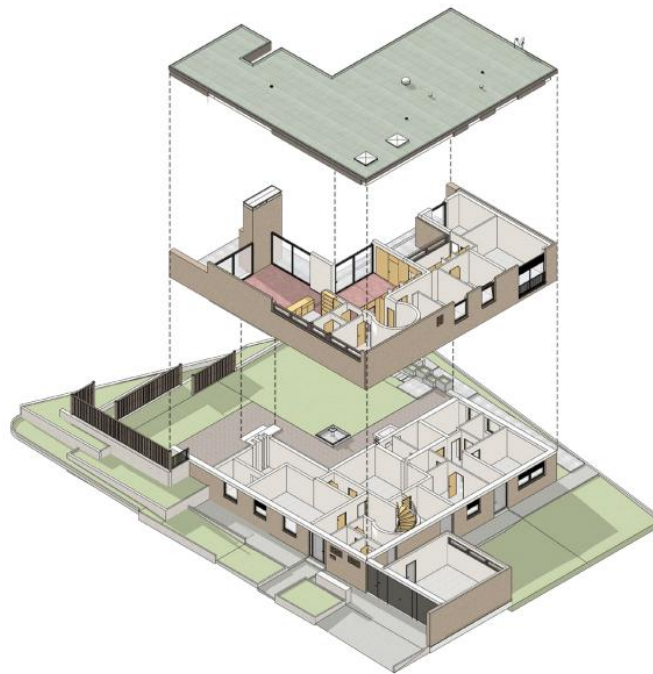
NEXT PROJECT:
VILLA BÜHL



VILLA BÜHL

HOUSE FROM THE 1970S

PAIR FREELANCE WORK - September 2020
Designed in Collaboration with **Sanem Bakan**



Interior Design Study for Renovation

Project Description:

This work was designed and visualized for the planned renovation of the **'70s family detached house Villa Bühl, which was designed by Professor Wunibald Puchner**, one of Nuremberg's leading architects.

Since the current state of the house was very well preserved and valued, it was **decided to preserve its basic features and characteristics**. A decision was made in a design, suitable for the style of the '70s with adapting to today's requirements. Solid wood textures, brick patterns, pastel tones, and classical patterns were examined in the majority of the house. **An approach was made to blend the vibrant colors of the '70s with the neutral and calm style of the house.**

Site Location:

St. Jobst
Nürnberg / GERMANY

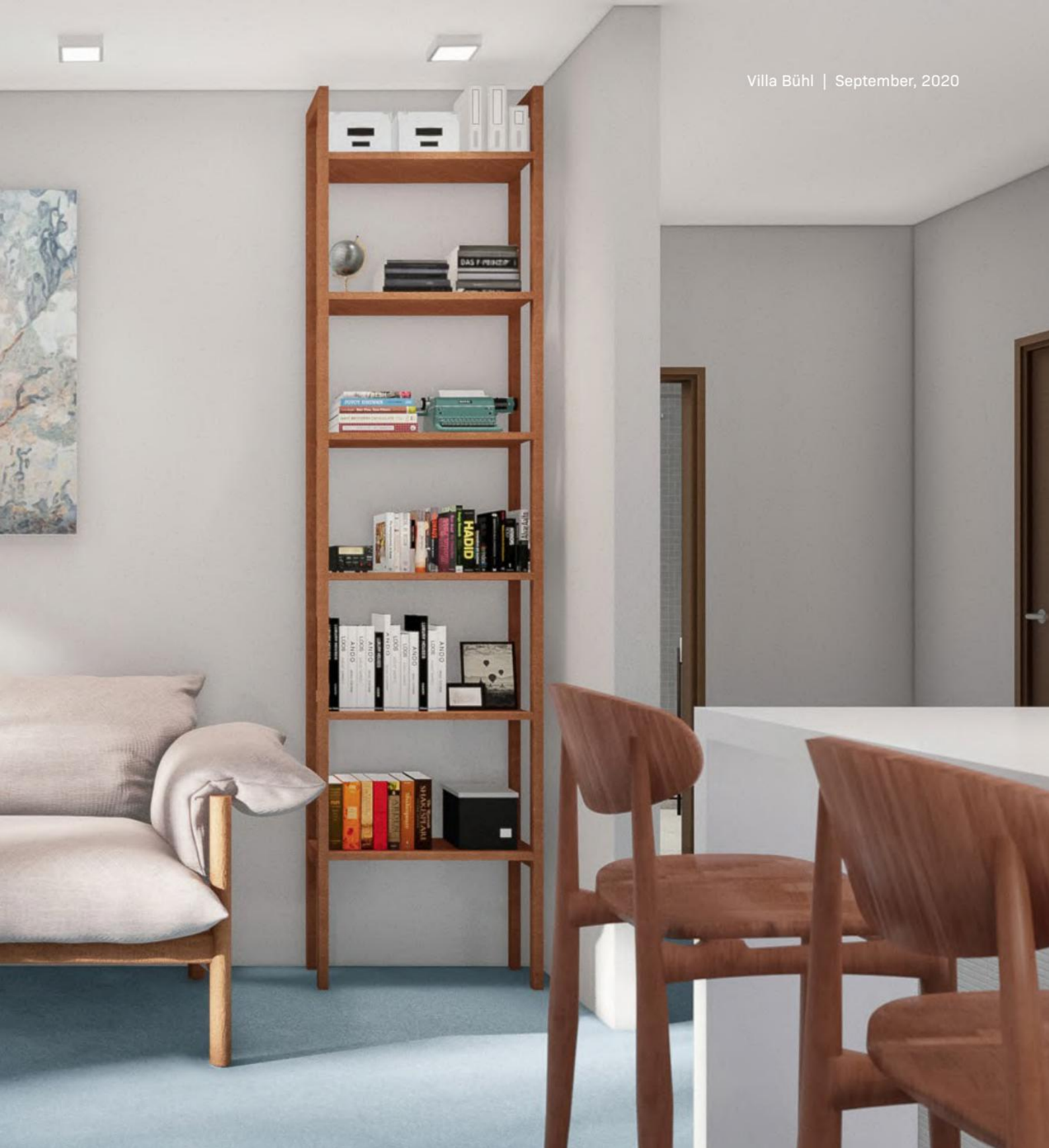


Total Area:

Site: **965 m²**
Closed: **390 m²**







Living Room & Bathroom Designs



ABOVE LEFT: Separate downstairs apartment's open kitchen from living room.
ABOVE RIGHT: Upper floor main living room office area and library.
BELOW LEFT: Upper floor main bath room washbasin and mirror design.
BELOW RIGHT: Main bath room visualization of bathtub and washbasin area.



Kitchen Design



Bathroom Design



||||| NEXT PROJECT: LÜLEBURGAZ MEMORIAL ▶

LÜLEBURGAZ

KOREAN WAR MEMORIAL AND VISITOR CENTER

Professional Competition by Lüleburgaz Municipality
GROUP WORK - January 2019

Design Team:

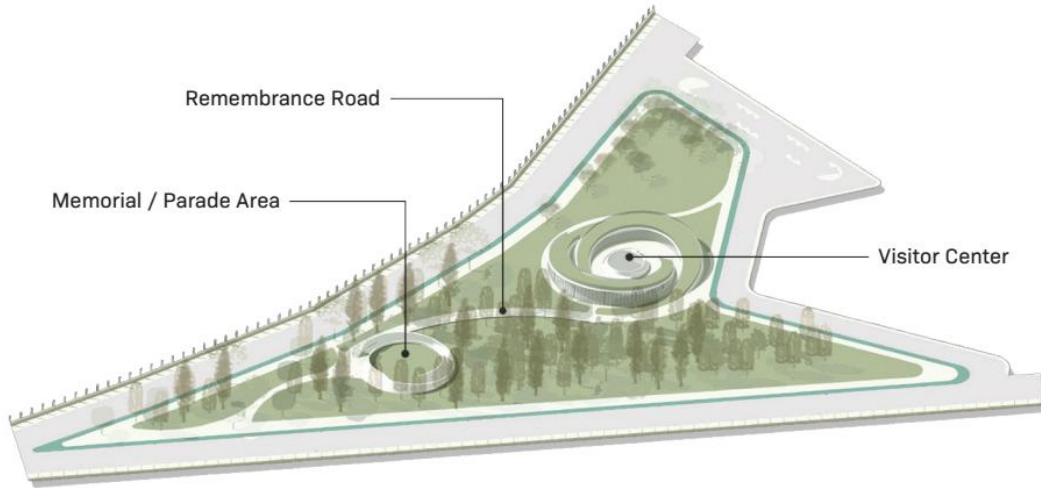
Furkan Kaya - Architect
Mehmet Caferoglu - Architect
Sanem Bakan - Architect
Ceren Seyran - Landscape Arch.

Regulatory Authority:

Lüleburgaz Municipality
www.luleburgaz.bel.tr
yarisma@luleburgaz.bel.tr
&
The Chamber of Architects

Main Jury Members:

Aydan Balamir - Architect
Ayşen Savaş - Architect
Boğaçhan Dünderalp - Architect
Feride Önal - Architect
Yıldırım Gigi - Architect
Sunay Erdem - Landscape Arch.
Erdoğan Keskin - Civil Engineer



MEMORY OF 241th INFANTRY REGIMENT

Competition Coverage:

The municipality of Lüleburgaz wishes to build a memorial area and a visitor center for memory of the 241th Infantry Regiment, which served in Korea from 1950 to 1953.

The purpose of the Korean War Memorial and Visitor Center competition is the acquisition of ideas that develop contemporary, economic and original proposals in all areas of Engineering with Architecture and Landscape Architecture. The proposal project should be an original project that has established relations with the city center in accordance with contributed to the identity of the city and the quality of urban life.

Site Location:

Lüleburgaz
Kırklareli / TURKEY



Total Area:

Site: **11.143 m²**
Closed: **1.500 m²**



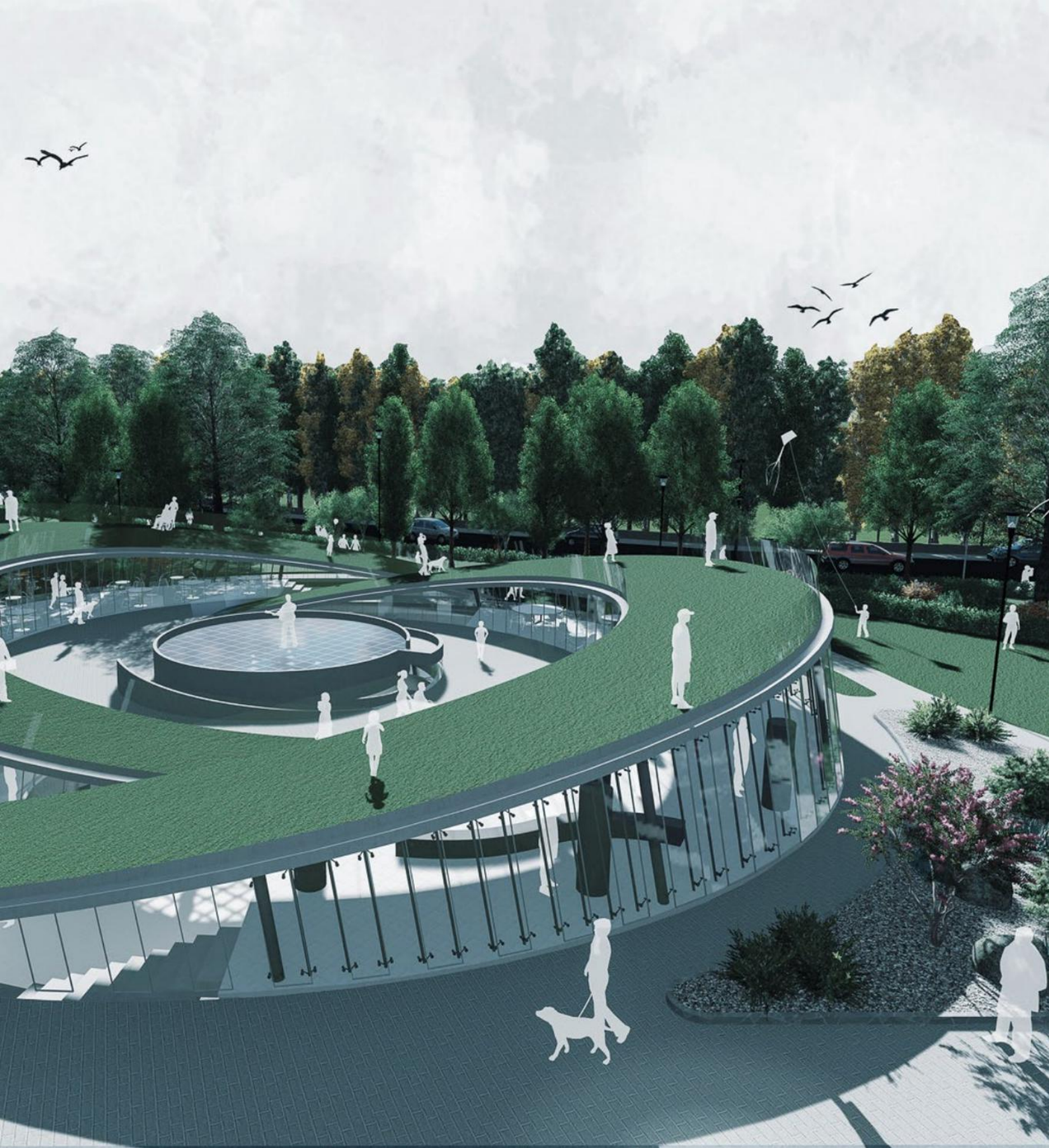
Commemoration, Empathy, Journey

Remembering, commemorating them and thinking them could not be possible without **understanding** them. The practice of commemoration as a **journey is the key point** for the visitors to **establish an empathy** with the Soldiers.

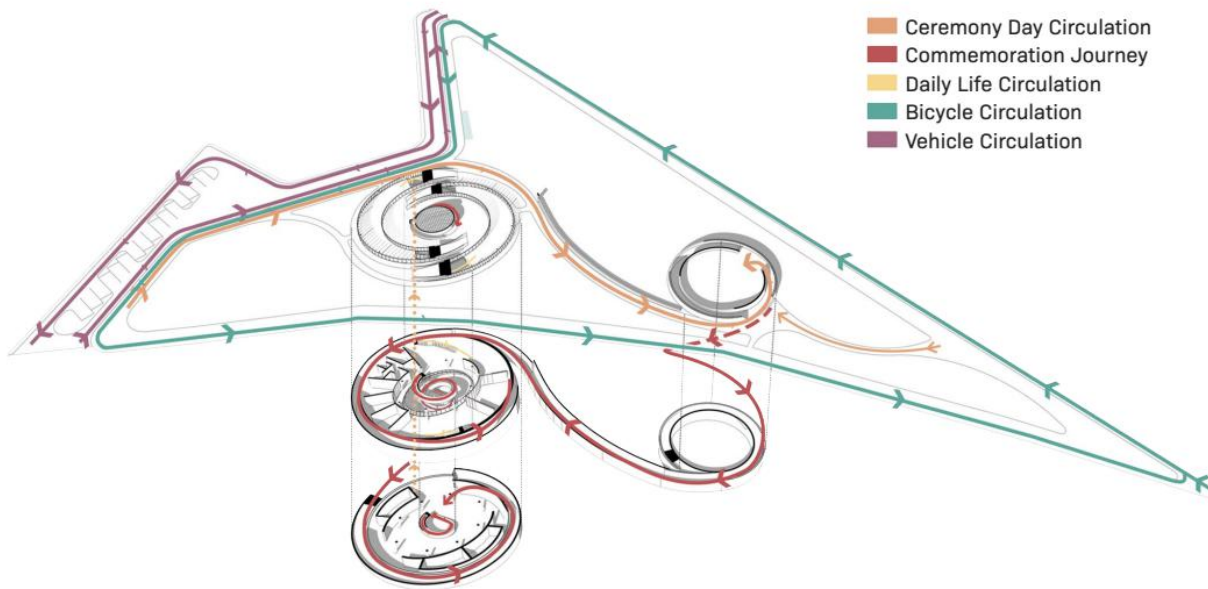
The journey is designed to take the visitors from the present world for a moment, to create the feeling of the sometimes painful and sometimes proud story of the past, to teach, to create empathy and **to return from this experience with a peaceful attitude**. This journey between the present and the past is ensured by transitions between ground and surface. The memorial area, which is designed as the monument itself, invites the visitors to an **underground journey** with a thin gateway, which leaves them alone in a **tunnel** path. It allows the visitors to develop their empathy with the soldiers who left behind their country, their family and go far away. It also allows to **understand them and their great feelings**. The tunnel ends in the museum. The museum offers memories to the visitor from past war days. The visitor, who has experienced all this history, is **ready to return to our day with the spiral time ramp**.

Design Idea:





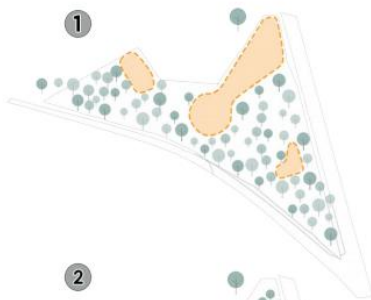
Circulation



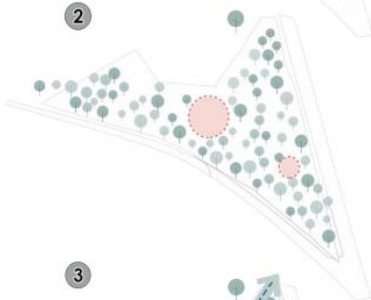
The project is designed **to remind the visitor the story of the Korean War** and our soldiers, to make them feel and internalize. The project allows visitors to empathize with the experiences of our troops who go to the Korean War and to learn from the fact that the war leaves us. At

the same time, the memorial route was designed as **a new ritual** that enabled us **to understand** the strong social connections that we have gained. This commemoration route is designed as **a journey in time and space** to give the visitor **a different perspective.**

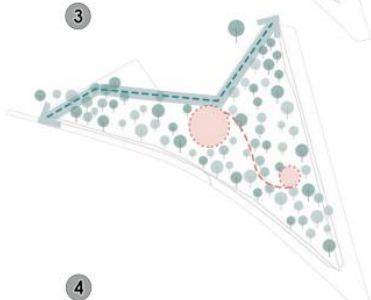
Design Strategy



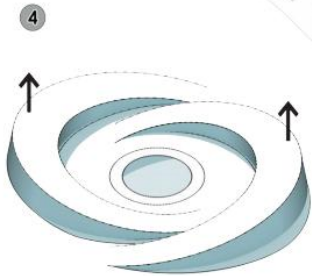
The original situation of **the woodland** and plant diversity in the area has been found **valuable** and it is **aimed to preserve** this environment as much as possible. **Existing gaps have been defined** and scenario has been advanced through them.



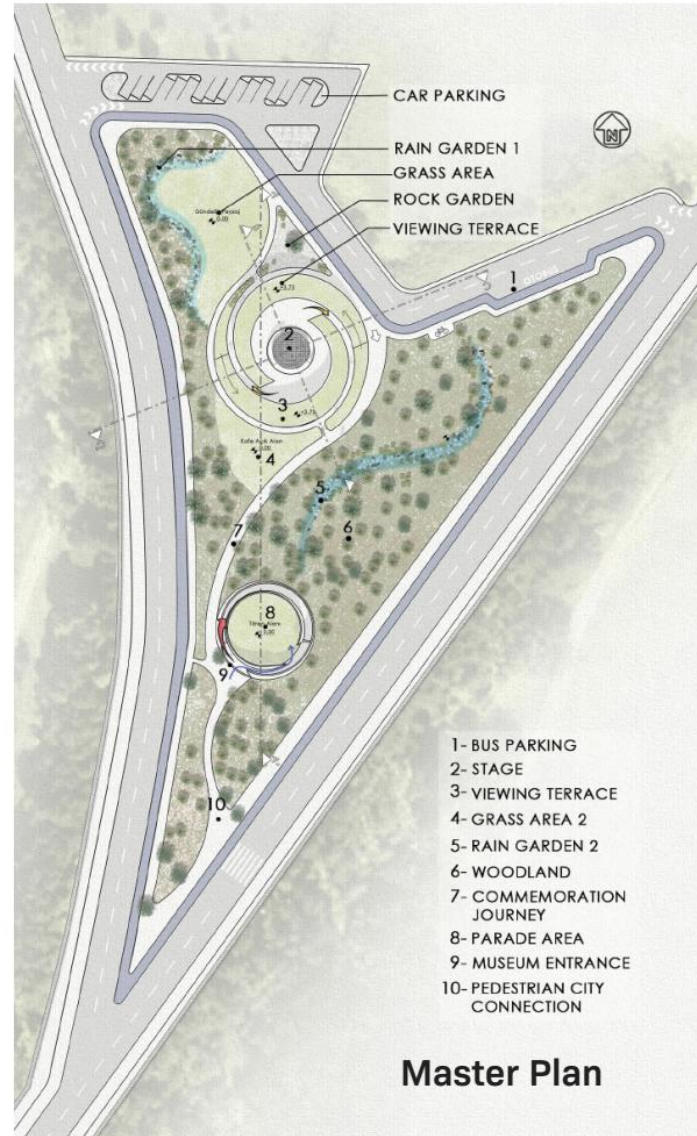
The Memorial/Parade Area is thought to be in the space where the trees are dense. It was considered that the area would be both **isolated** and effectively **felt the absence of our martyrs**. For the building, the most favorable location in the site was preferred.



For the **commemoration journey**, a curved line that connecting the building is determined **both at the ground level and underground**. For vehicles, it was preferred to connect the two main road in such a way that the texture in the area was damaged in the least and to perform parking.

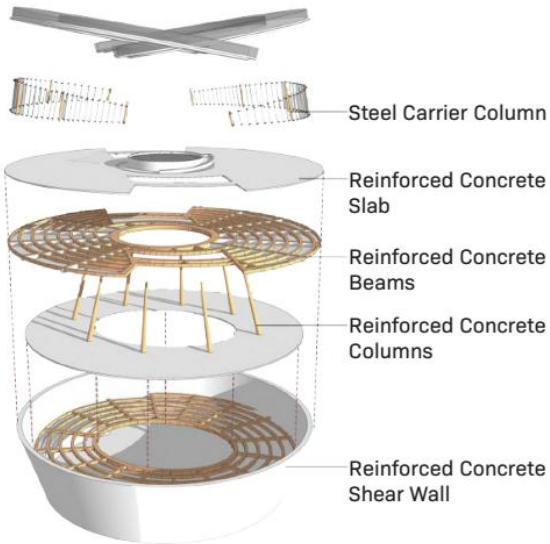


In parallel with the plan decisions, the **architectural style** was improved in a **simple way in order not to damage the nature**. With the rising green roofs, it is aimed to get the **best use of daylight** and also to obtain an amphitheater for a stage in the middle.

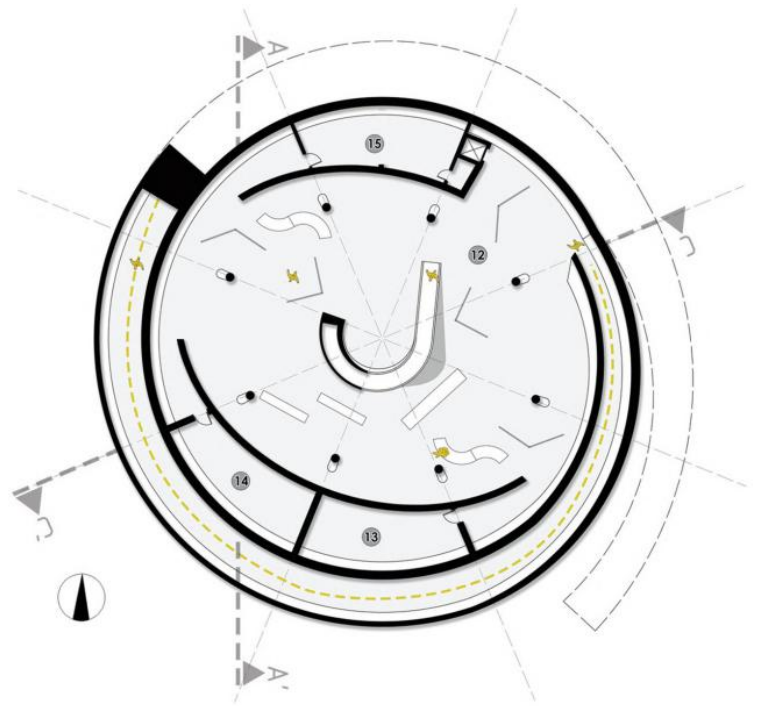


Master Plan

Structure



PLAN / Level (-2) -8.00m



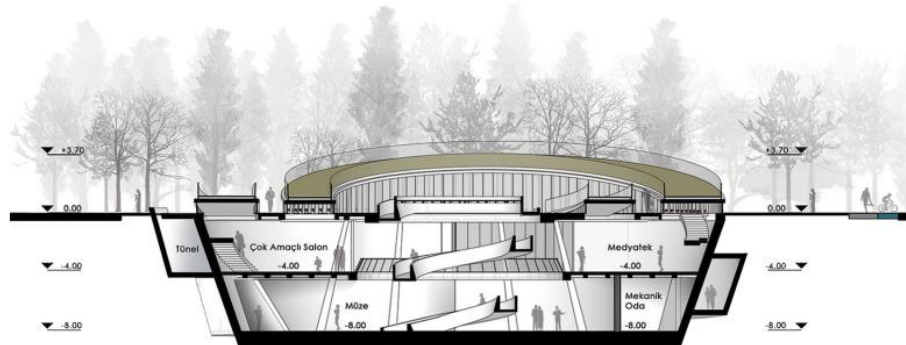
Program



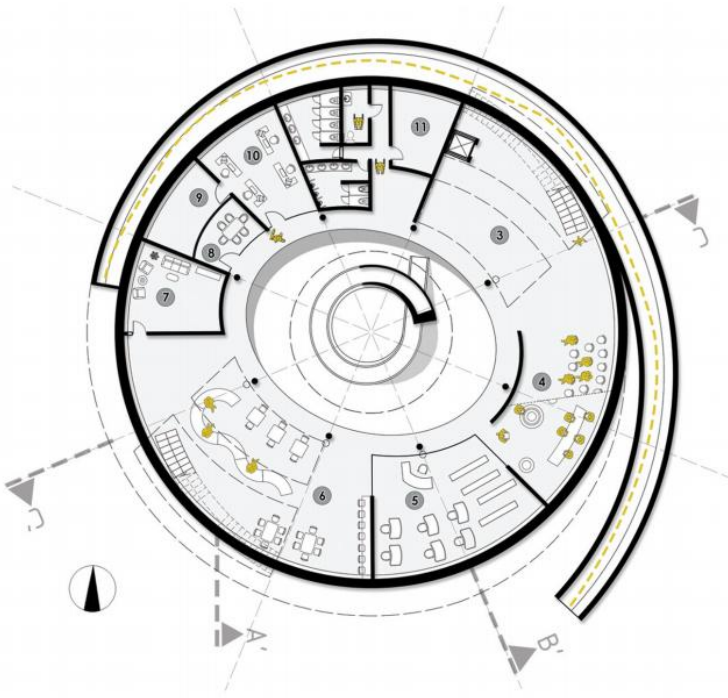
1. Coffee & Tea House
2. Temporary Exhibition & Event Place
3. Exhibition Area
4. Library
5. Mediatech
6. Management
7. Museum
8. Storage
9. Mechanical

In the distribution of **functions**, while the **upper floors** are able to establish strong interactions with the **daily life**, the exhibition elements of **the museum** are intended **to affect the visitors** coming for the daily activities and to be close to them.

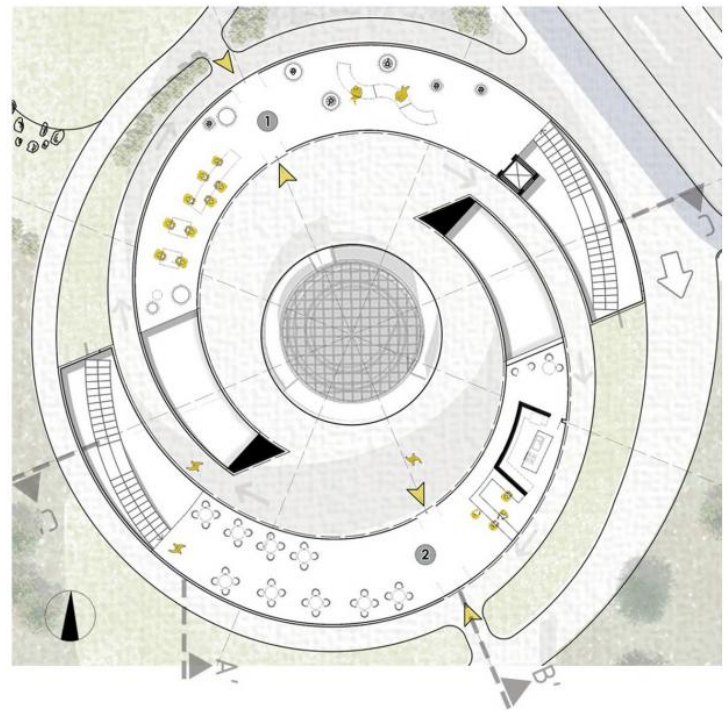
Section CC'



PLAN / Level (-1) -4.00m



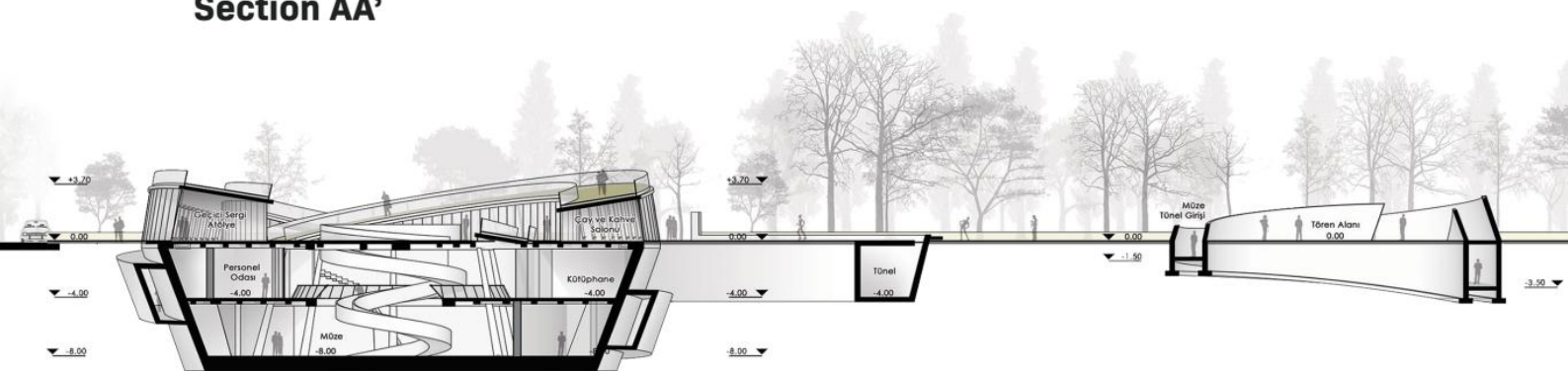
PLAN / Level (0) 0.00m Ground Level

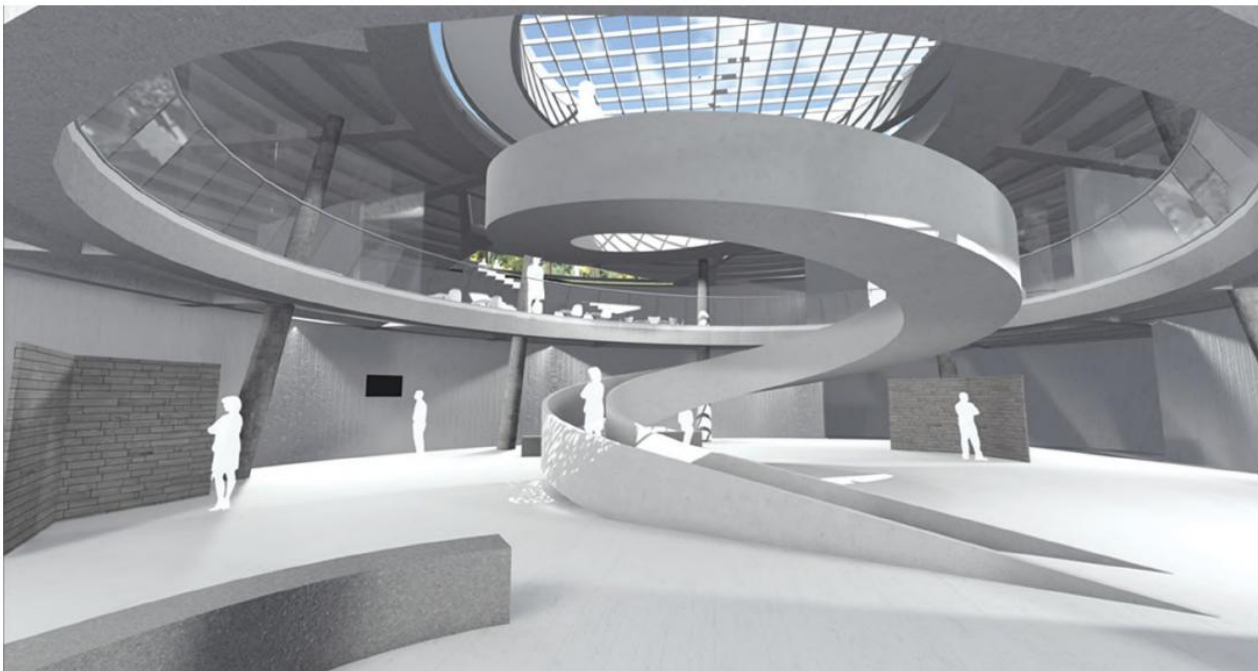


In our landscaping design, the ecological approach was targeted and solutions were taken in accordance with the natural processes and ecological characteristics, which were taken as an example of nature in the design. The main objective of our design is to develop a self-sustaining system that can be a part of the urban ecosystem. Within this framework, 6 main criteria are emphasized;

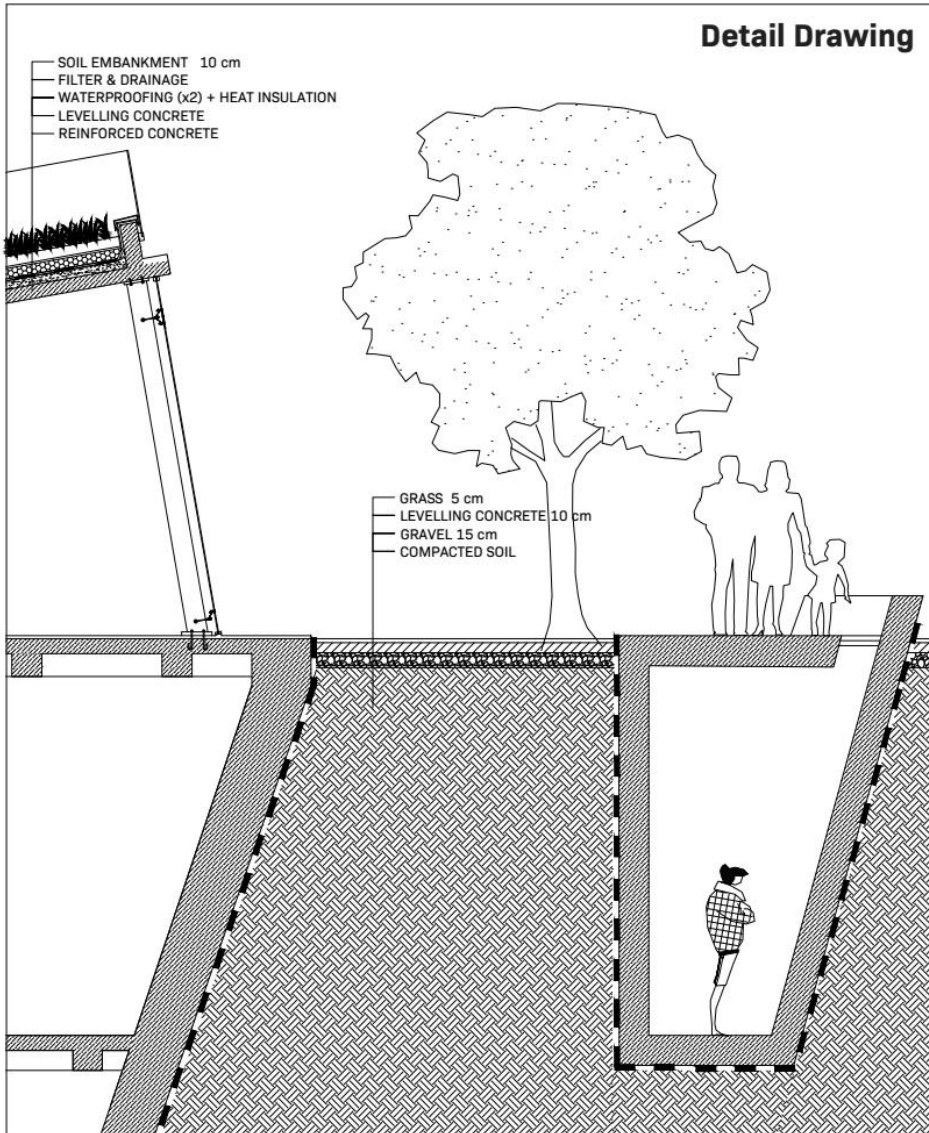
- 1- **Preservation of existing landscape**, limited intervention to environment, and repair of existing habitats,
- 2- Design for own **ecological conditions & climatic data**,
- 4- **Water effective design & xeriscape landscaping**,
- 5- **Local and recycled materials** with low maintenance costs and the use of local plant species,
- 6- **Green roof** applications.

Section AA'





ABOVE: Interior view from level -2. The spiral time ramp on the middle under the daylight. Open exhibition spaces around it.
LEFT: Next to the visitor center pedestrian path and landscape.
RIGHT: The Memorial/Parade Area & Tunnel Entrance

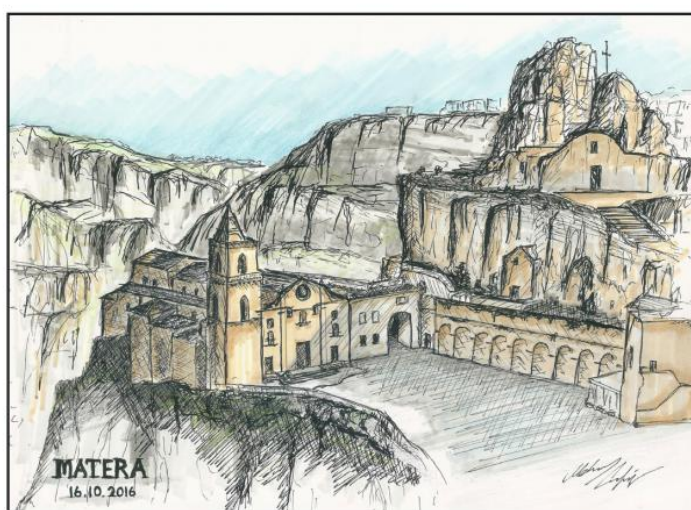


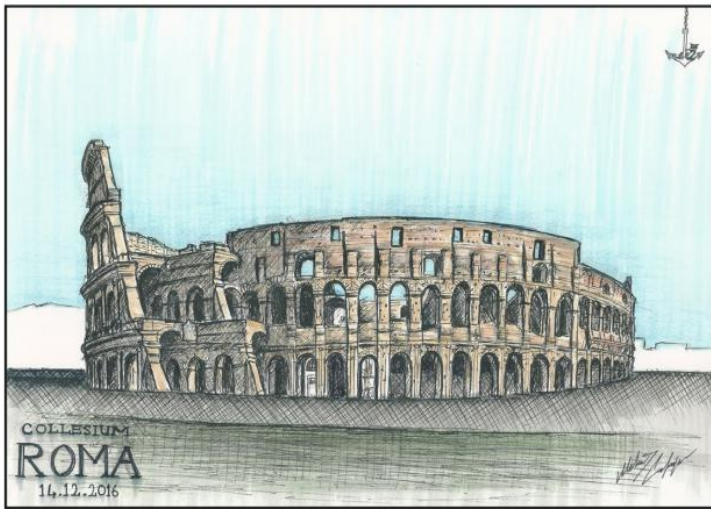
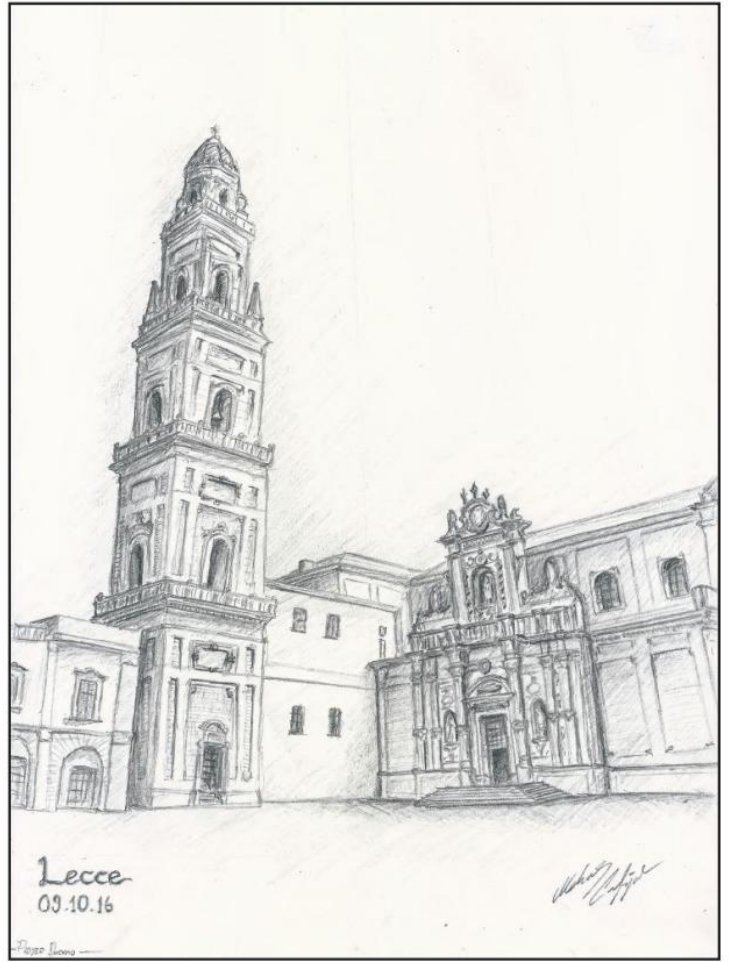
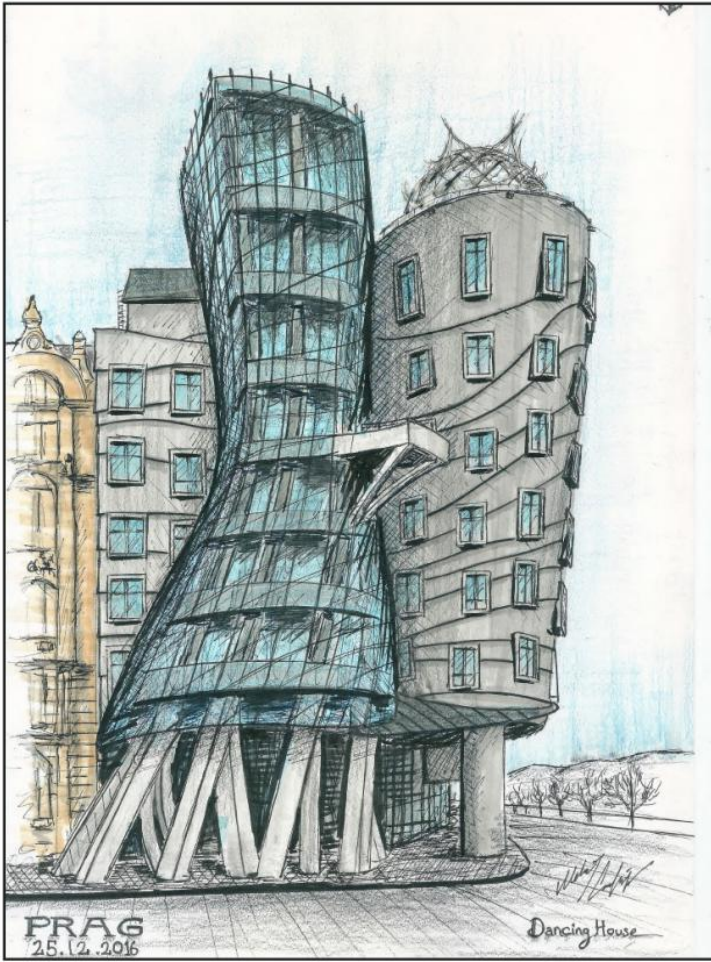
HAND DRAWINGS & SKETCHES

TRAVEL SKETCHBOOK

Selected Work Examples from Erasmus Experience

INDIVIDUAL WORKS | 2016 - 2017





FREEHAND DRAWINGS FROM OBSERVATION



HAND-DRAWN ARCHITECTURAL RENDERINGS



Work Examples from ICAR 14 Laboratorio 3di Progettazione Architettonica
INDIVIDUAL WORKS | Assoc.Prof.Dr. Giuseppe Fallacara | 2016 - 2017

I'm a young architectural designer and currently a last-year master's student at DIA, Bauhaus in Dessau, Germany. I work mostly in conceptual design, interior design, graphic design, and realistic visualization, and I am very passionate about creativity and details.

In this portfolio, I have compiled my recent works on subjects such as residential architecture, interior design, urban design, and space architecture. I hope you enjoy my work. Please feel free to contact me for your comments.

