



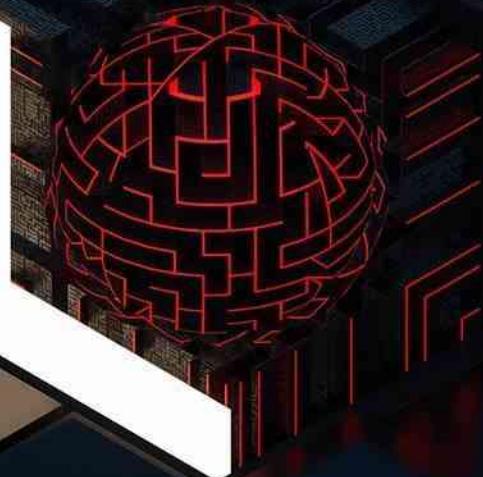
Interior, Architecture  
and  
Problem Solving

THIS DOCUMENT IS NOT FOR PRINTING PURPOSES. PLEASE CONSIDER THE ENVIRONMENT.



## CASTLE

This castle main entrance hall is inspired by 11th century European castles. Through it, you can access the common area of the traders market that is divided in two levels.



## LABYRINTH

Wrong turns, right turns. Those are acceptable. As long as you get to the destination that you seek..

This labyrinth is designed as a loop with no exit. You only need to get to the core of it to solve the problem.

## ABOUT ME

Someone who always enjoys a challenge and does not give up. Always with the will to help to my best of abilities and sharing everything i learn through my journey.  
In my spare time, I love to 3D model items and utilities and listen to music or practice it



## UNIFIER

Nature plays a major role in every part of the world.

Why not be more inspired by it as well as taking better care of it? Must save the planet while we still can.

## Display of projects

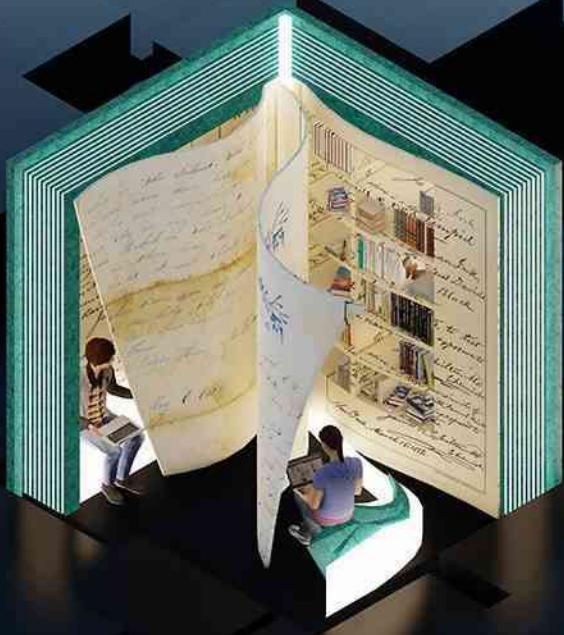


- 01 - Steel Bridge Concept
- 02 - Connected Curtain Walls
- 03 - Reading Bench
- 04 - Two Staircases
- 05 - Lazer Tag Arena
- 06 - Clothing Shop
- 07 - Chimny Unit

The idea behind the display itself is to guide the light from the lit side to the niches through lighting ducts. The latter are covered with translucent white plexi to exhibit the lighting trajectory. (Conceptual Design)

- 08 - Master Bedroom Design
- 09 - Villa Architecture
- 10 - Kids Bedroom
- 11 - Kitchen Proposal
- 12 - Master Bedroom Design
- 13 - Embedded Drainage Design

Note: The displayed 3D works are some of the worked on preliminary and executed designs. (Execution documents and/or further projects are available upon request.)



## ABECEDARIUS

This concept represents a small scale public library. It is meant to be for fast reads and or researches. The design is expendable, the book can be open wider giving more privacy and space to more people.



## KOFFIE

This is not a coffee shop! It's a corner of a public space that pretends to be a coffeeshop. Here, you can feel free to come study or work paying whatever you see fit. But you're going to have to bring your own coffee. This place only offers space for who needs it.



## BASIN

The basin is a small display for the endless reef that covers the major part of our planet. However, as humans we barely manage to take care of anything at all. We should invest more in creations that will preserve our reef while we benefit from it.



## THE A-HOUSE

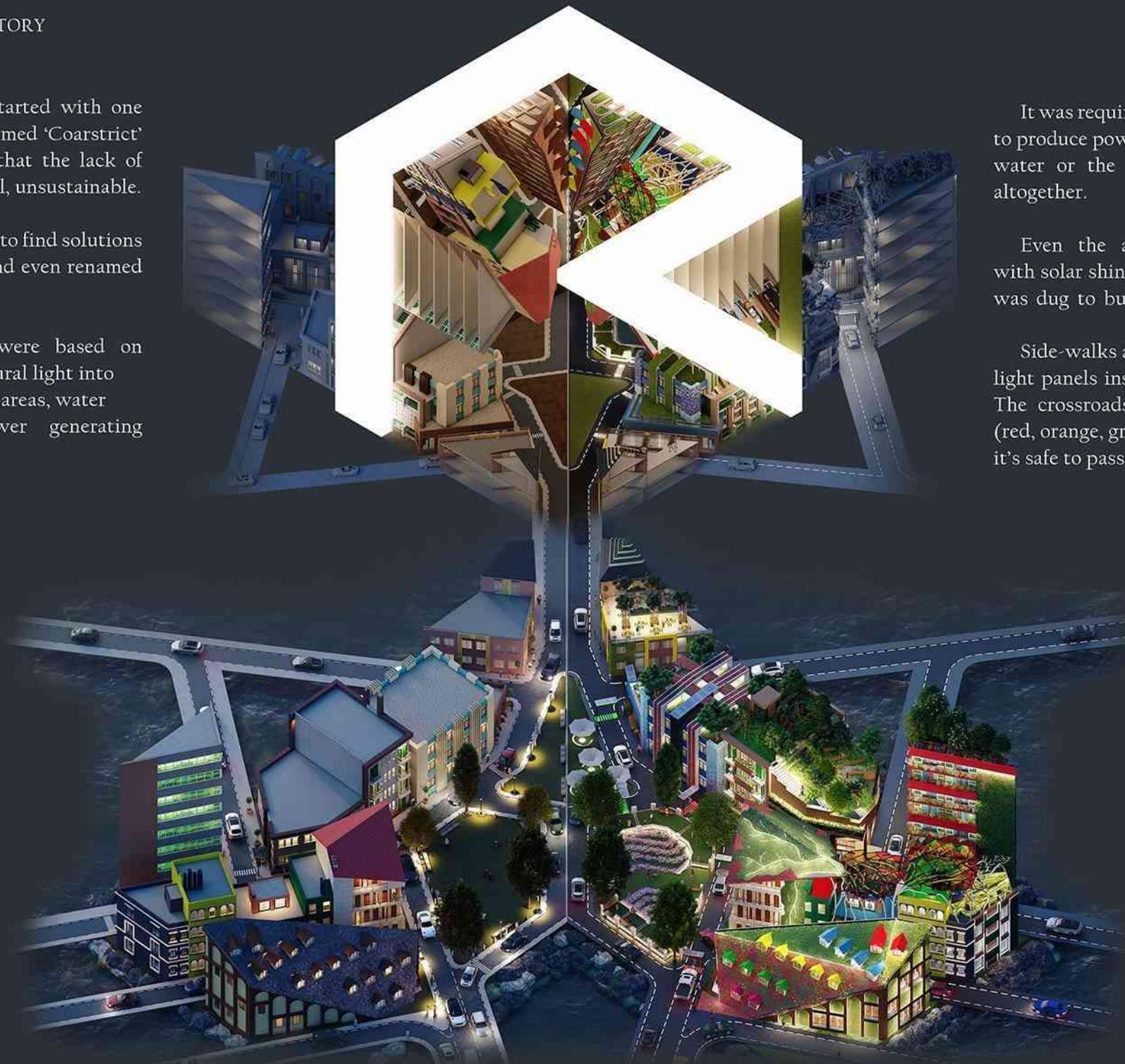
A three stories loft divided into: Reception area, open kitchen, living room, dining room, WC and a double height terrace. Two master bedrooms. Gaming room, reading room and a master guest room.

# ROOTS-CITY ↵ STORY

This urban area started with one district which was named 'Coarstrict' after the realisation that the lack of sustainability was well, unsustainable.

The people decided to find solutions to all the problems and even renamed it to 'Cleanstrict'.

Given solutions were based on introducing more natural light into buildings, more green areas, water collection and power generating systems.



It was required from every building to produce power or oxygen or collect water or the previously mentioned altogether.

Even the asphalt was replaced with solar shingles, the public garden was dug to build a vast water tank.

Side-walks are now equipped with light panels instead of lighting poles. The crossroads panels change color (red, orange, green) based on whether it's safe to pass or not.



1- Green walls for heat island reductions and air purification.

2- Structural planting pots also made of glass and steel.

3- External two levels garden. Structure is made of glass and steel. Gives shade and provides space for offices' occupants to have a break .

4- Double Low-E glazed Curtain wall with PVC thermal isolation.

5- Babylonian inspired planters, water overflow will be collected by the gutters.



1- This part of the building was replaced with an element that provides the stores with natural light, indirect light and planters on its top.

2- Introduced a rooftop garden for the residents.

3- Removed parts of the strips to make space for green walls also connected both sides with a roof.

4- Insulated ceramic cladding with a palette of blue for color selection.



1- Roof multiple level garden with the necessary mechanical space underneath.

2- Wood fins-like elevation design with wallwashing light. The design's purpose is to provide shading for the facade also gaps for its aeration.

3- Insulated travertine cladding.

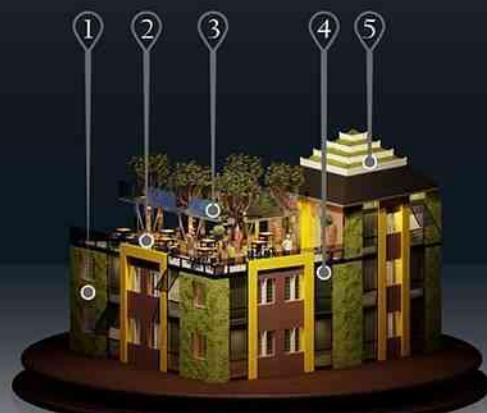
4- Added wood cladded planters with indirect light and enlarged the windows opening adding sliding systems for better spacial aeration.



1- Glass 1.5m steps, fixed on a metal chassis with open gaps to allow plants to grow underneath. Also, the steps have a ceramic printed pattern to provide a bit of shading for the plants.

2- Elevated gardens with a multiple sided planters with a water collection system.

3- Concrete light structures that hold the balustrade and also is the main structure of the garden. The shorter structures act as a place for people to sit.





- 1- Structural flower beds with a framing indirect light.
- 3- Rainwater collection panel with a 3cm high frame.
- 4- Water collection drainage, it also is structural.
- 5- 3 levels module. One for planting, the second for overflow collection and the third is a protection layer which contains the indirect light.
- 6- Concept of a self-sustainable suspended garden.
- 7- Panels of inverted louvers also for rainwater purposes.



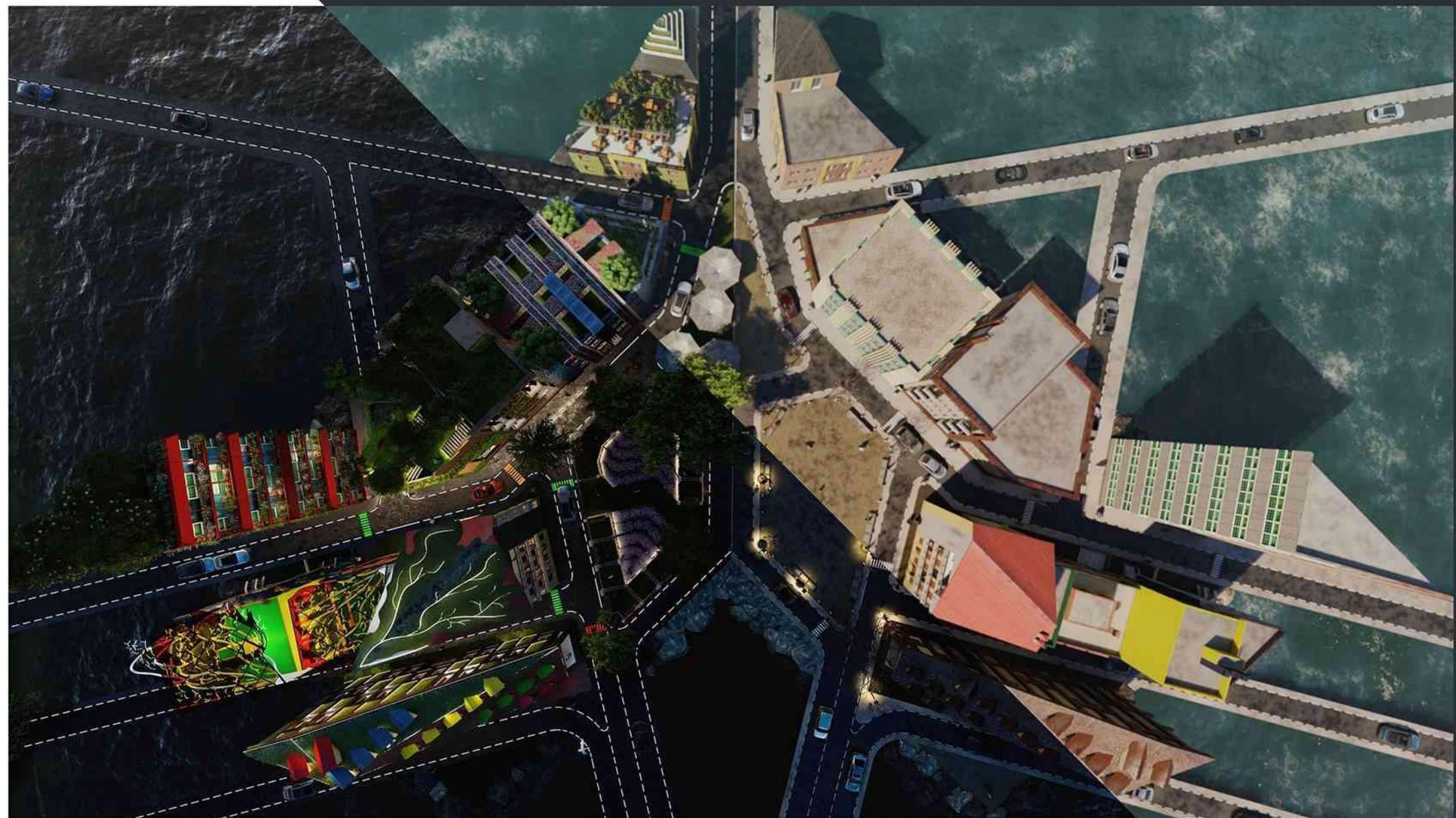
- 1- External structure to support bolted flowerbeds with indirect lights. The red beds contain an insulated gap to avoid leakage over the electrical wire.
- 2- Replaced 50% of the windows with minimal insulated systems and changed all the glazing to Low-E.



- 1- Enlarged the windows for more natural light and added an embedded glass ballustrade.
- 2- Green walls for heat island reductions and air purification.
- 3- Bright colored insulating bricks to reduce sun heat absorption and increase its reflection.
- 4- An extruded aluminum profile with indirect light, it also acts as a guide for overflowed water towards the collection point.



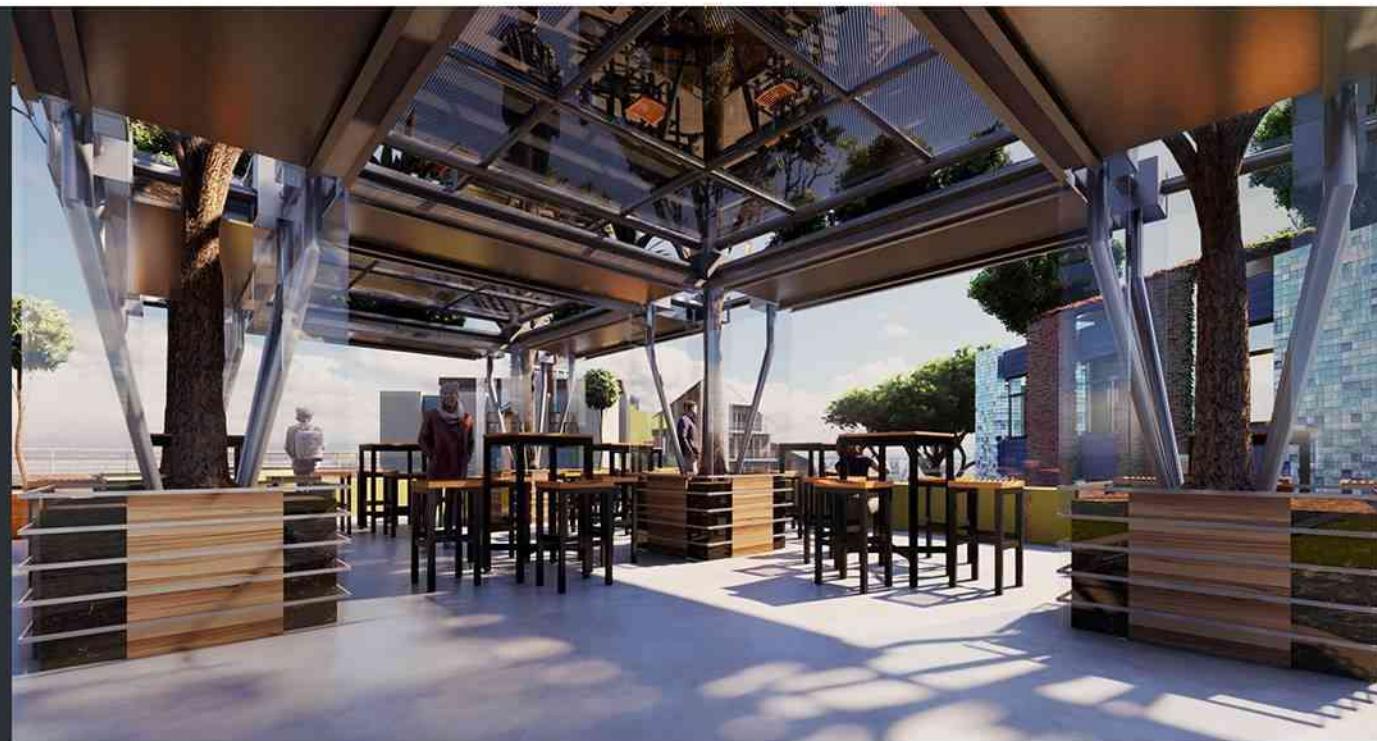
Roots City Top Day View

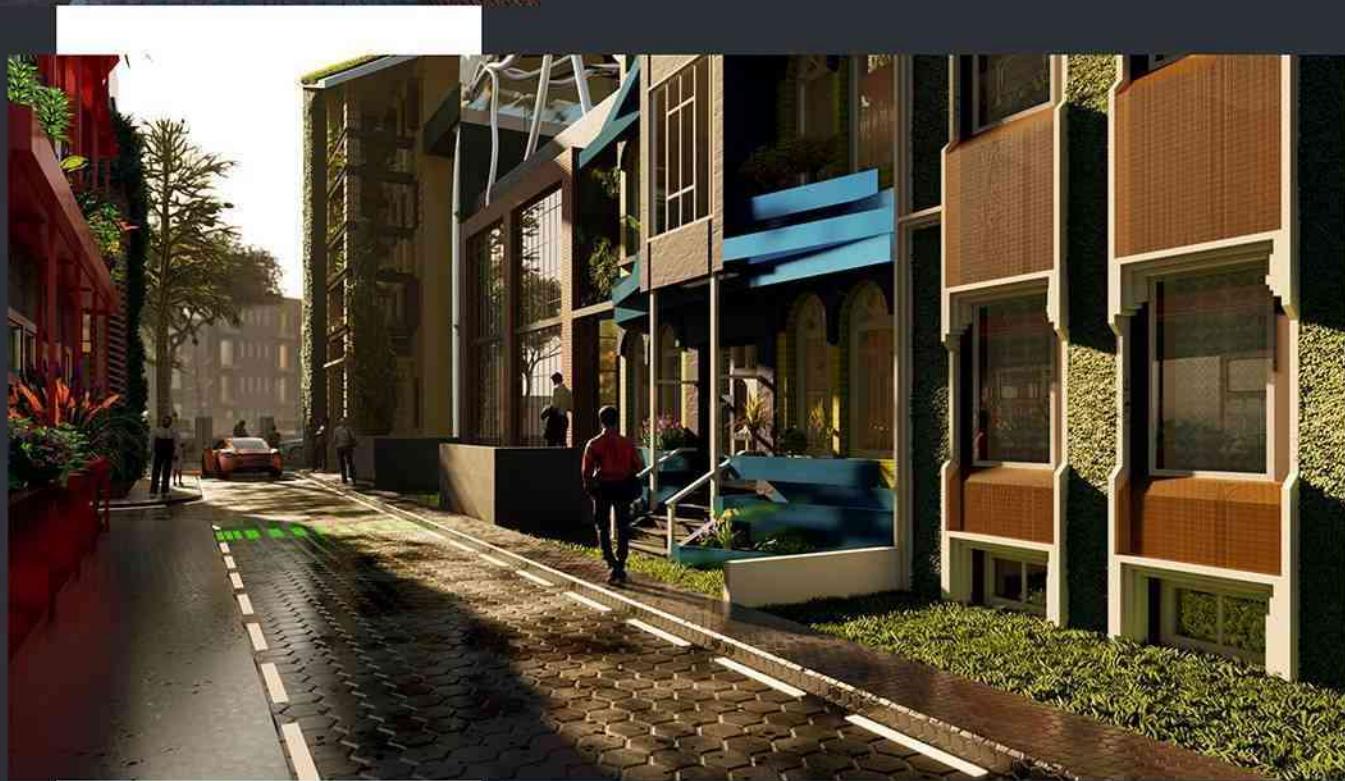
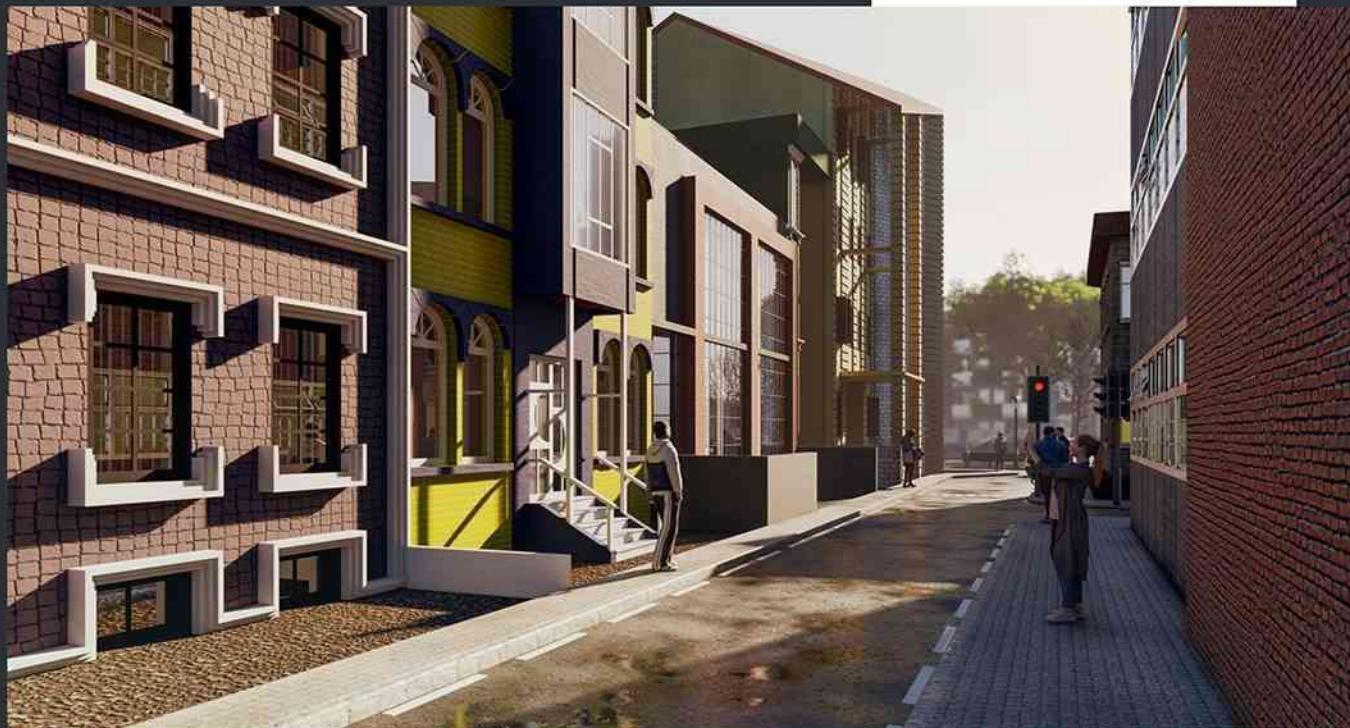


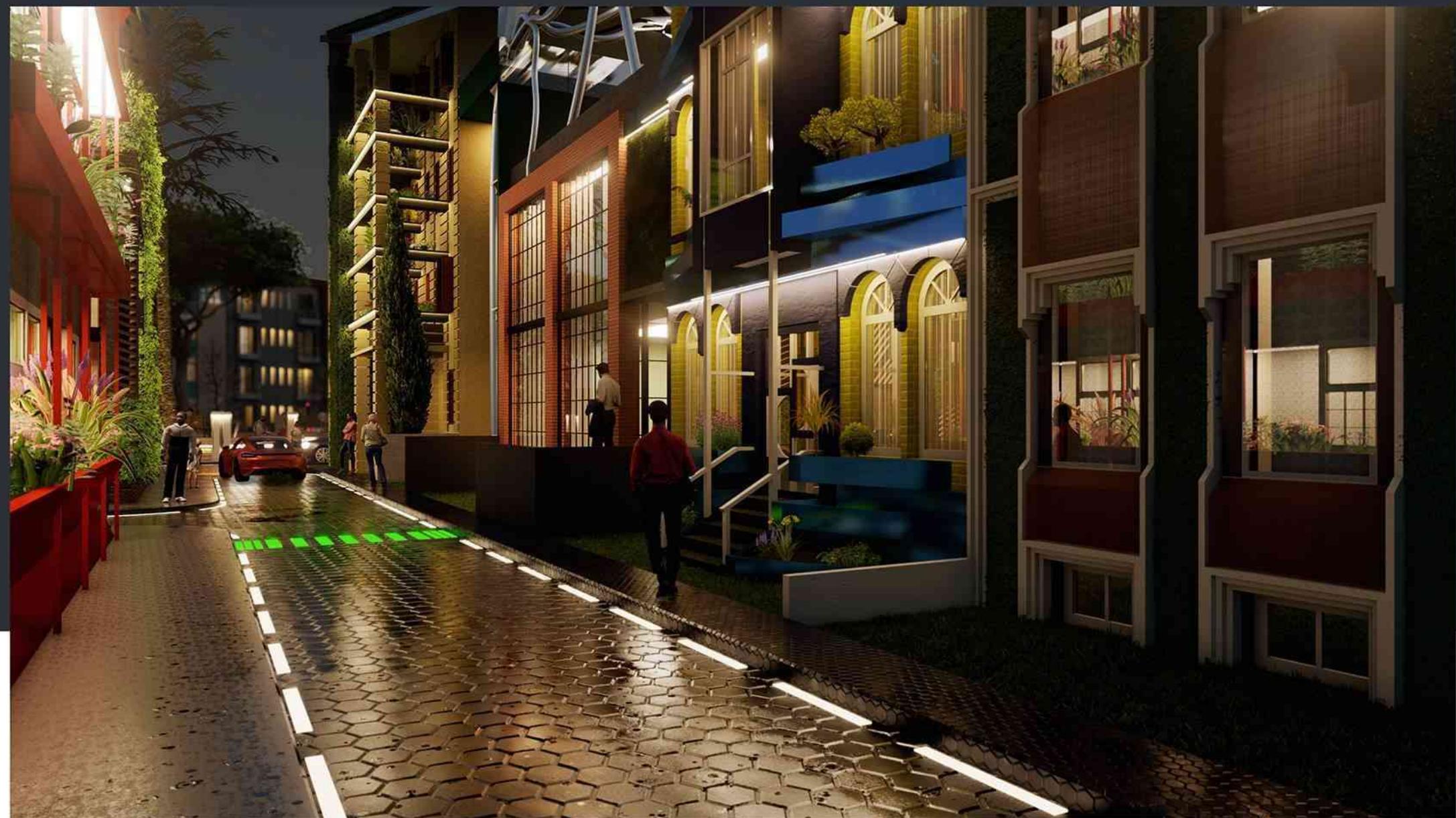
Roots City Top Night View

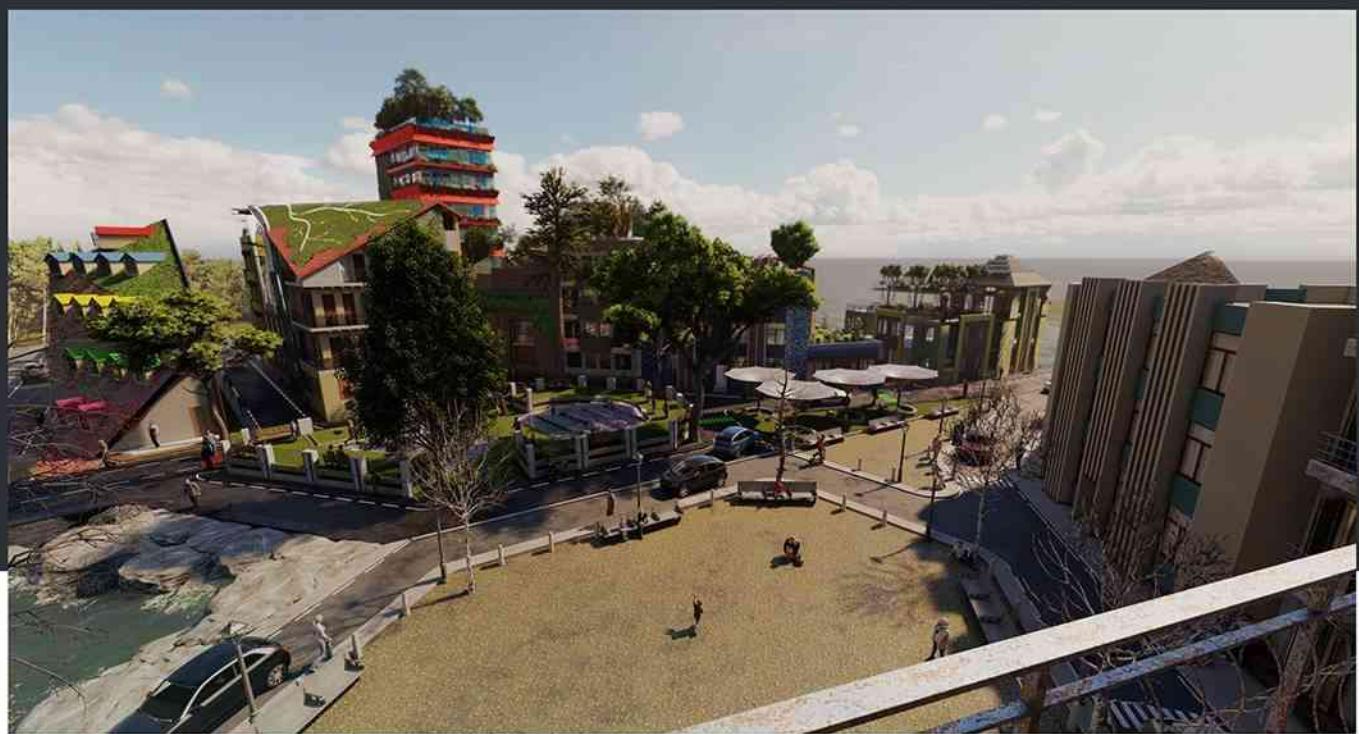


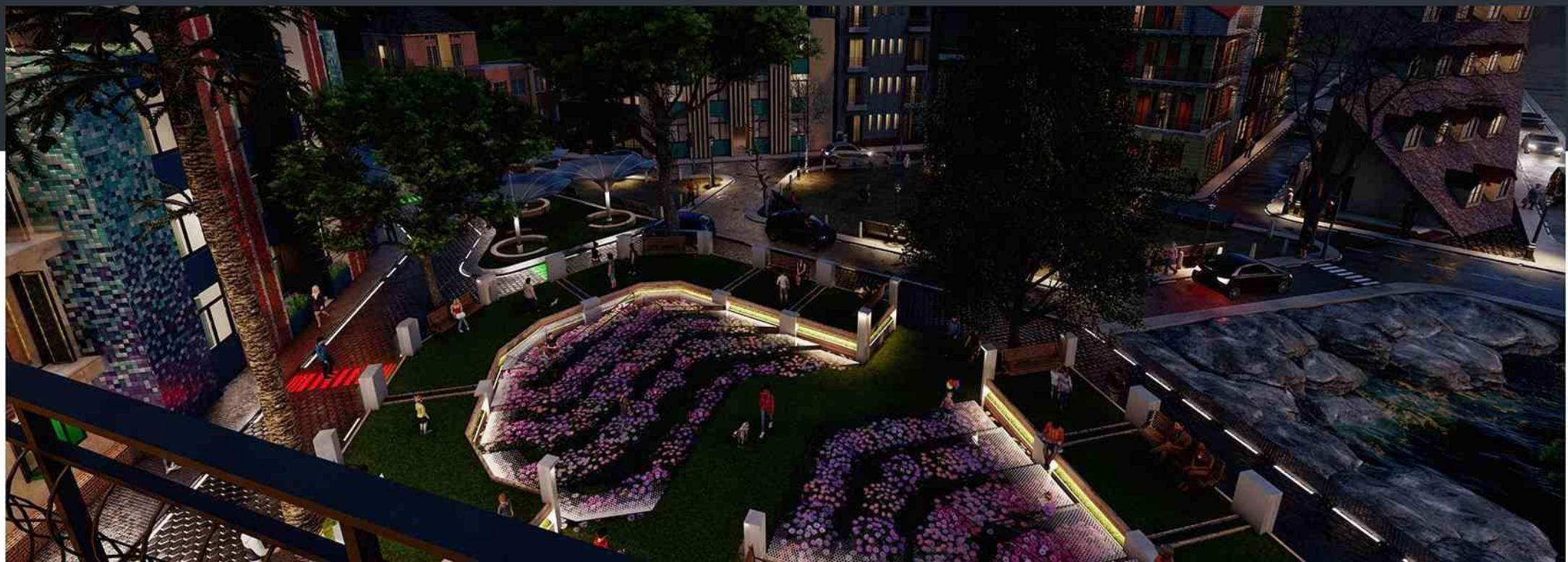


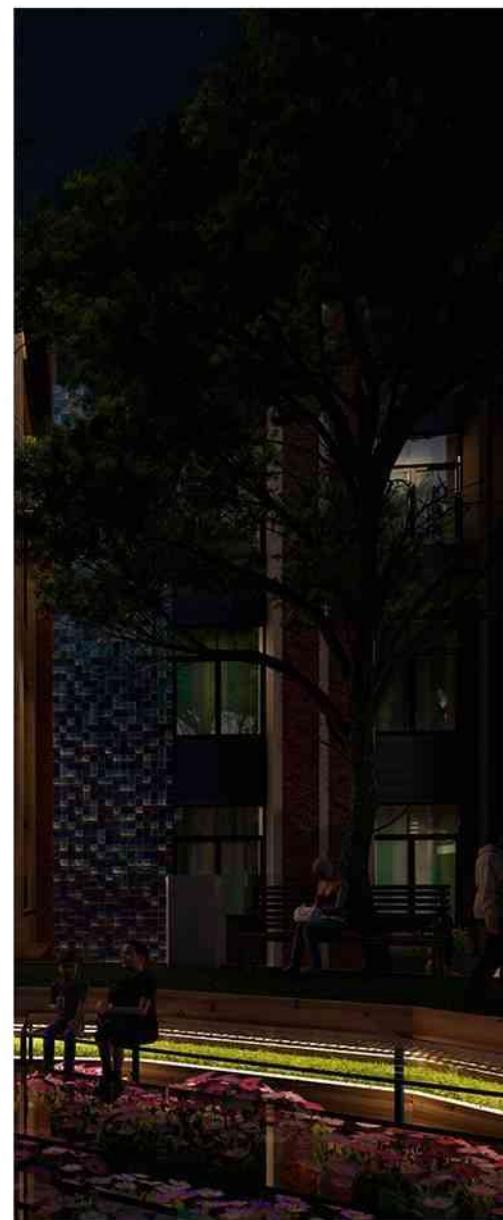
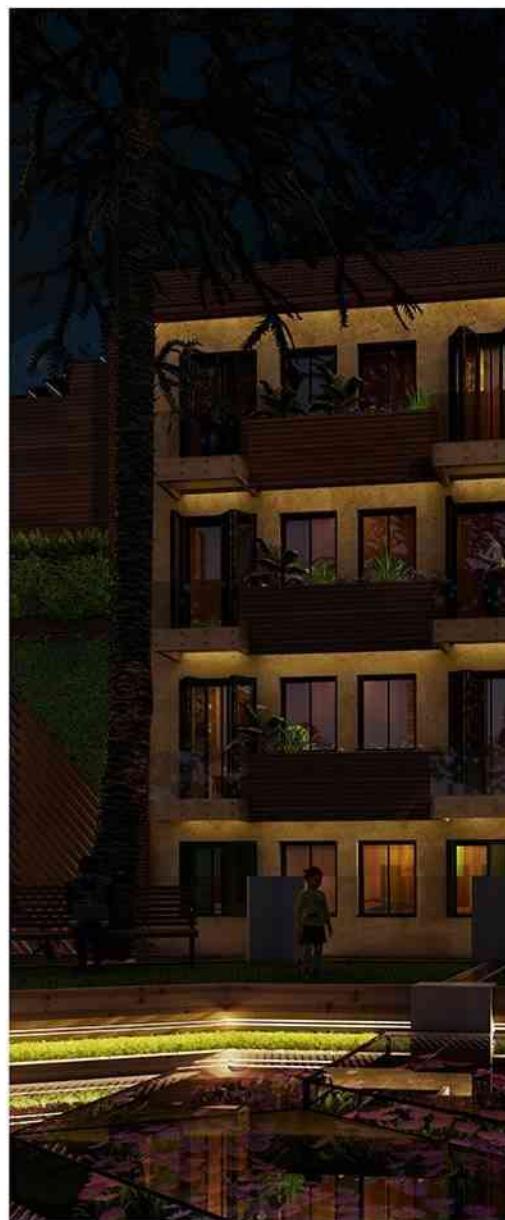












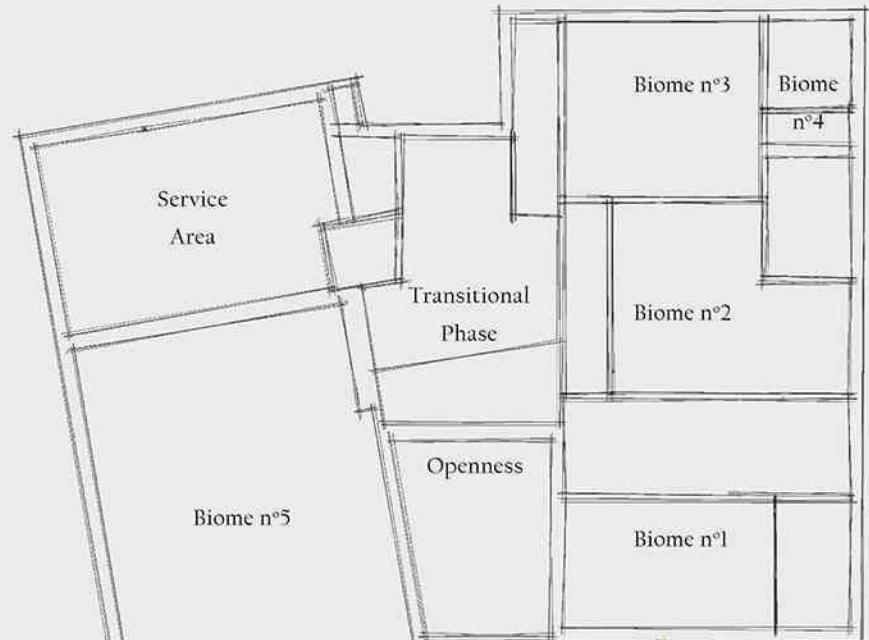
# ZENWELL VILLA

This project is a residence for a family of four that shares a strong bond over nature. The point behind it is to provide a timeless sanctuary for the occupants that brings an outdoor feel of nature to the inside.

To implement biomimicry, not only the choice of materials should be based on the latter but it is important to take note that nature is accepting, open to everyone and goes through transitional phases like the four seasons for example.

As per all the previously stated information, Wabi Sabi will be the main concept for this villa. This concept focuses on the acceptance non-perfection within the household. The latter transitions from the private symmetrical area of the house through the lobby into the asymmetric public functions.

However, nature is too vague and general for an overall concept which leads to the division of the most areas into different biomes based on the preferences of every occupant.





M-A

#### Parking

An area of  $67 \text{ m}^2$ , representing a multi purpose space with a function of the residents' choice. The space is enough to fit a common room, two bedrooms, a bathroom and a kitchenette bar.

M-R

The mechanical room is divided into two aerated major rooms, one being for the pool pumps and the other being for additional functions. The area covers  $47 \text{ m}^2$  and is only accessible through the corridor for total isolation.

M-S

The mechanical shaft is to ensure the ability of working on the pool's infrastructure without causing any damages to the space and keeping the accessibility to everything in check.

BASEMENT PLAN



GROUND FLOOR PLAN

**Entrance**

Lobby Area:  
31 m<sup>2</sup>

WC Area:

3 m<sup>2</sup>

Staircase Area:  
6.3 m<sup>2</sup>

**Private Area**

Master Bedroom 01 (R01):  
- Sleeping Space Area: 20 m<sup>2</sup>  
- Bathroom Area: 7 m<sup>2</sup>

- Walk-in Closet Area: 19 m<sup>2</sup>

- Terrace Area: 50 m<sup>2</sup>

Master Bedroom 02 (R02):  
- Bedroom Area: 27 m<sup>2</sup>  
- Bathroom Area: 7 m<sup>2</sup>

Master Bedroom 03 (R03):  
- Bedroom Area: 25 m<sup>2</sup>  
- Bathroom Area: 7.5 m<sup>2</sup>

**Public & Service**

Living Room Area:  
48 m<sup>2</sup>

Dining Room Area:  
40 m<sup>2</sup>

Kitchen & Laundry Area:  
43 m<sup>2</sup>

**Outdoor**

Garden Area:  
274 m<sup>2</sup>

Terrace Area:  
45 mm

Pool Service Area:  
70 m<sup>2</sup>

Pool Area:  
73 m<sup>2</sup>

Basket Court Area:  
51 m<sup>2</sup>

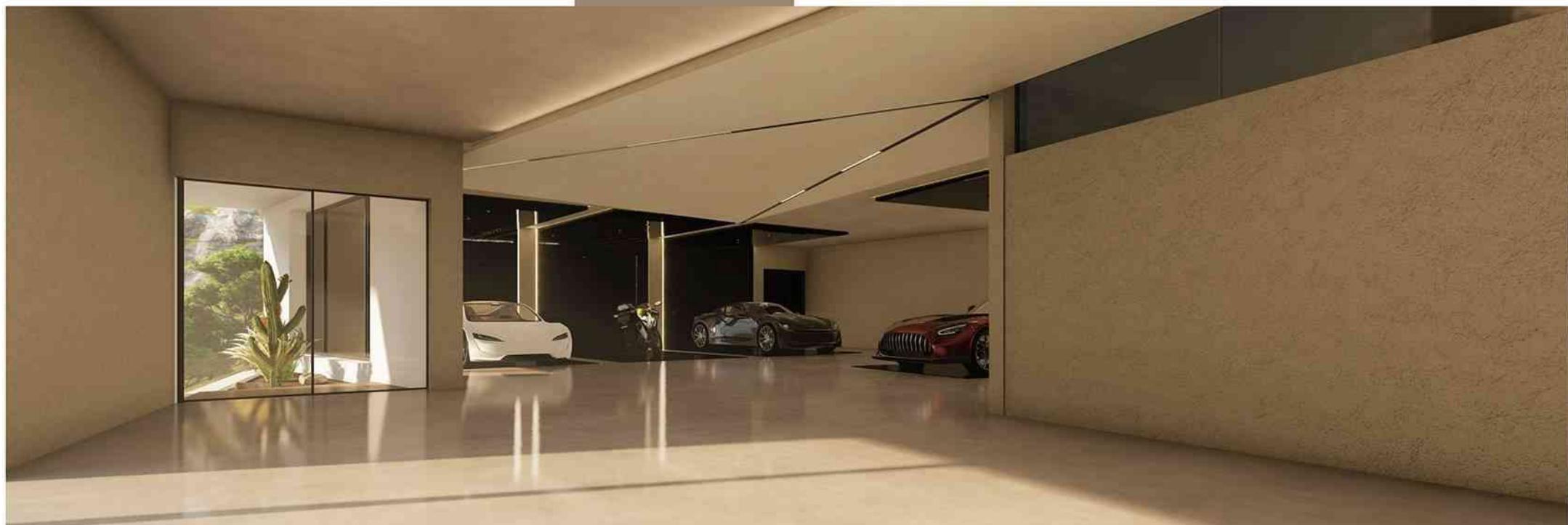
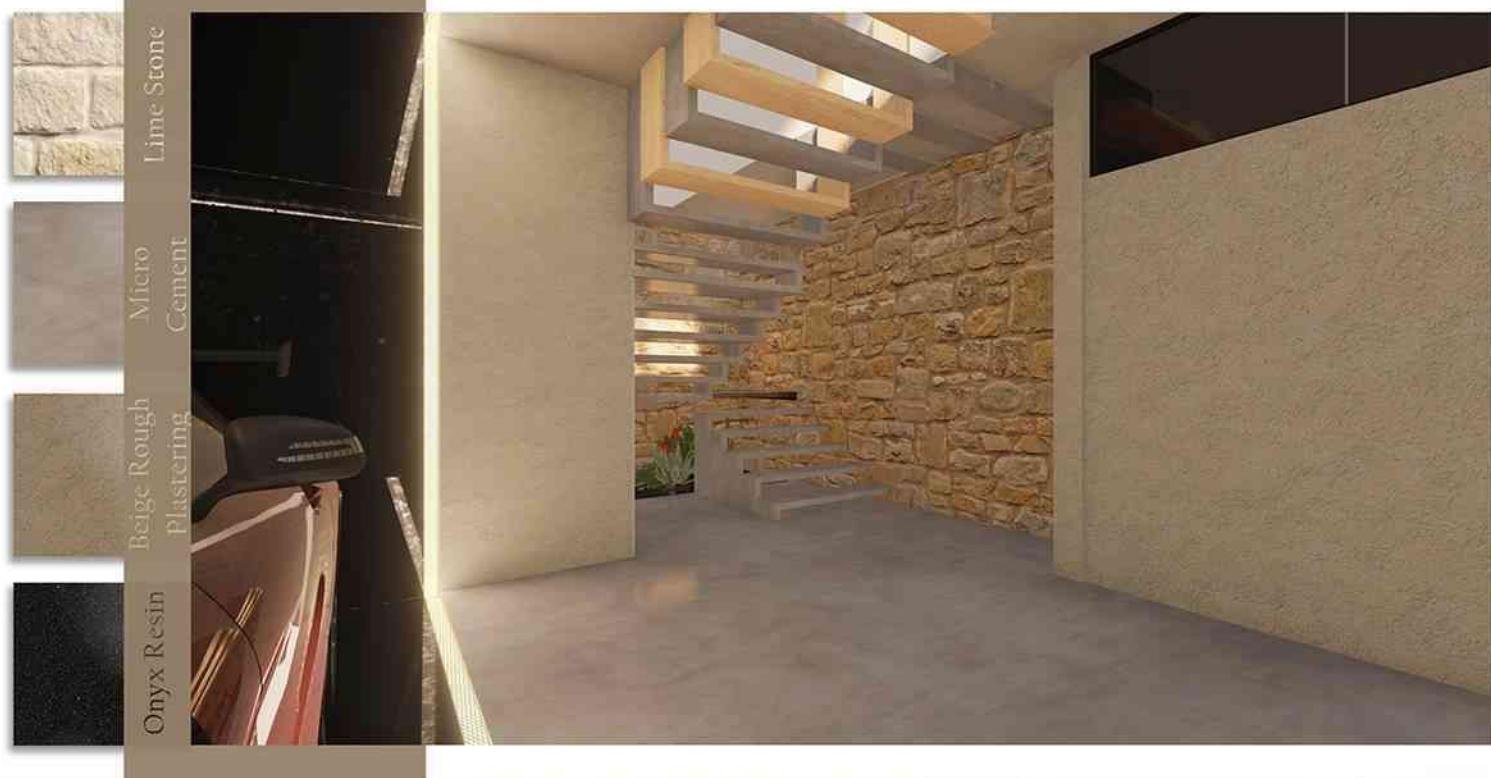
## PARKING

The parking space is initially designed to fit four cars, as per the number of the house's residents.

Each car gets its own onyx rezin finish platform to park within. The slots are extruded from place and separated from the rest of the space with limiting yellow lit meshes.

The parking material selection is focused on having all sides of the space blend in one another keeping the focus on the parked cars.

The use of earthy colors in the parking lot provides the residents with an inviting feeling to the comfort of their home.



## LOBBY

On a 30 cm elevated platform, sits a lounging space for reading or just admiring the outer external beauty through a substantial glass farming the natural painting.

Continuously, the platform makes its way up along the wall addressing more welcome ness to the visitors side of the house.

Through an open doorway, the teal colored wall rejuvenates the clarity of thought the human mind goes in when in a private space.

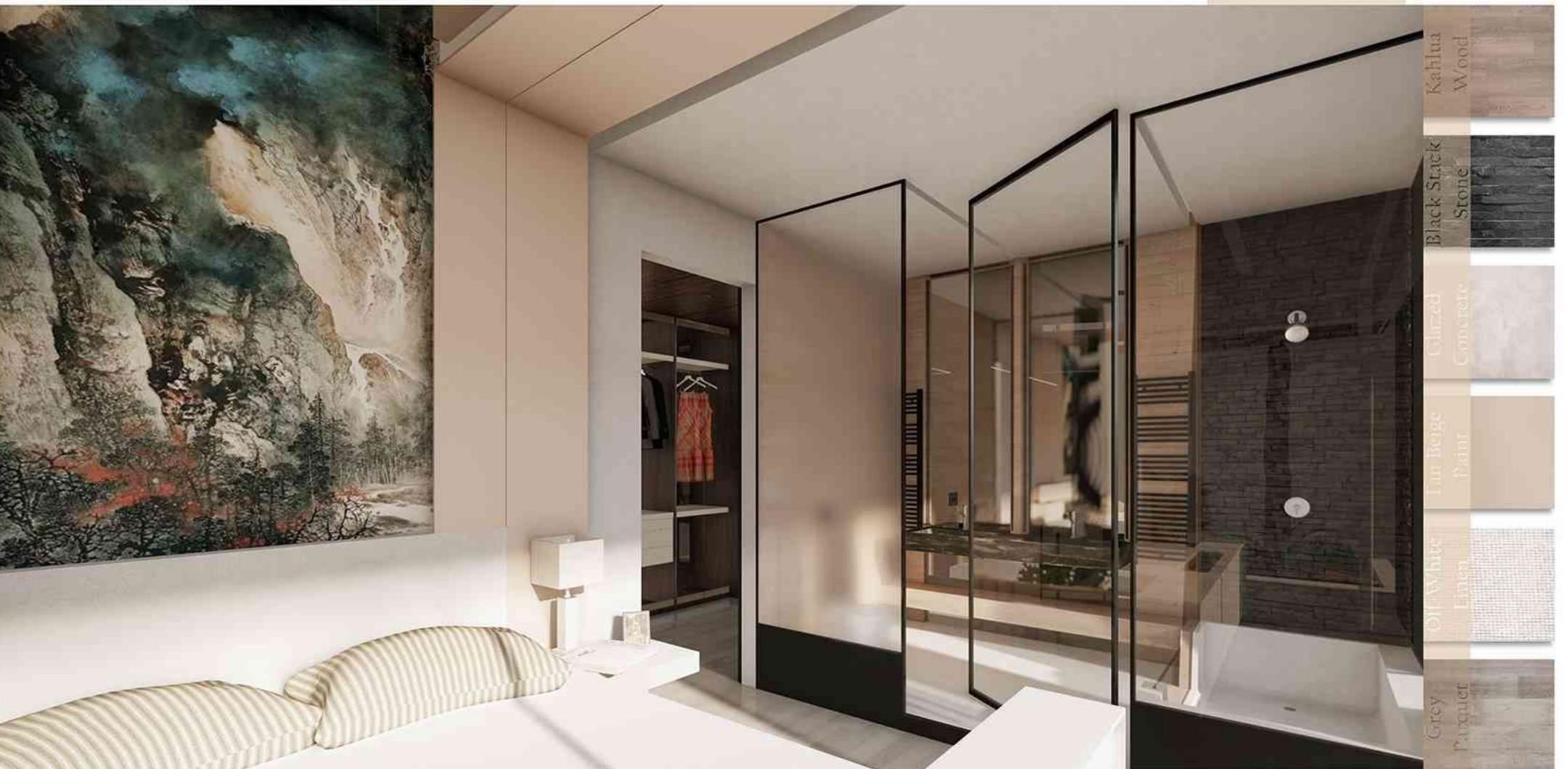
The contrast between the platform continuity and the teal colored wall within a more narrow doorway differentiate the private from the public areas of the house.



## MASTER BEDROOM 01

The parents master bedroom is an open space. Yet is divided into a dressing area, a bathroom and a sleeping sanctuary.

On a higher level, lies the bed with a footboard divided into storages and a TV-unit that descends into place for the enjoyment of the exterior.



The colors of choice for the sleeping area ensure high brightness and a low hue to keep calmness and peaceful feel to it.

On the other side, the closet is dressed with darker colors to point out the elegance parents put themselves in before heading out.

The wardrobe glass panels are notched forming enough gap to act as a handle and an aerating vent to prevent humidity.

The side of the bathtub is enclosed with a glass panel that is extruded all the way up forming a transparent curtain for the partners to enjoy the view.

Walk-In Closet

Walnut Wood

Lacquered White

Kahala Wood

Black Stack Stone

Glazed Concrete

Tan Beige Paint

Off-White Paint

Grey Painter

## MASTER BEDROOM 01



## MASTER BEDROOM 02



The resident of this bedroom is a nature fanatic. What is a higher representation to nature than a green color? A dark green color which constitutes nature at night.

A raw parquet floor to emphasize on the natural wooden hue.

The whiteness of the snow lifts the bed mattress, extending all the way from one side to another reflecting the purity of the natural theme integration within the room.

A full sized mural coated with multiple shades of green with an explosive colorful of many natural phenomenas to sum up other unrepresented aspects of nature.



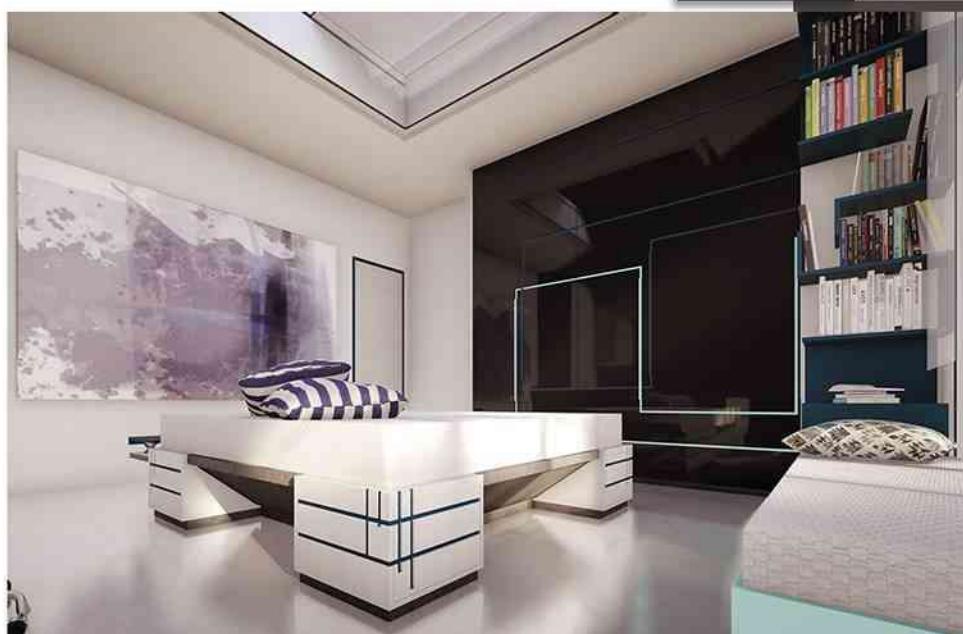
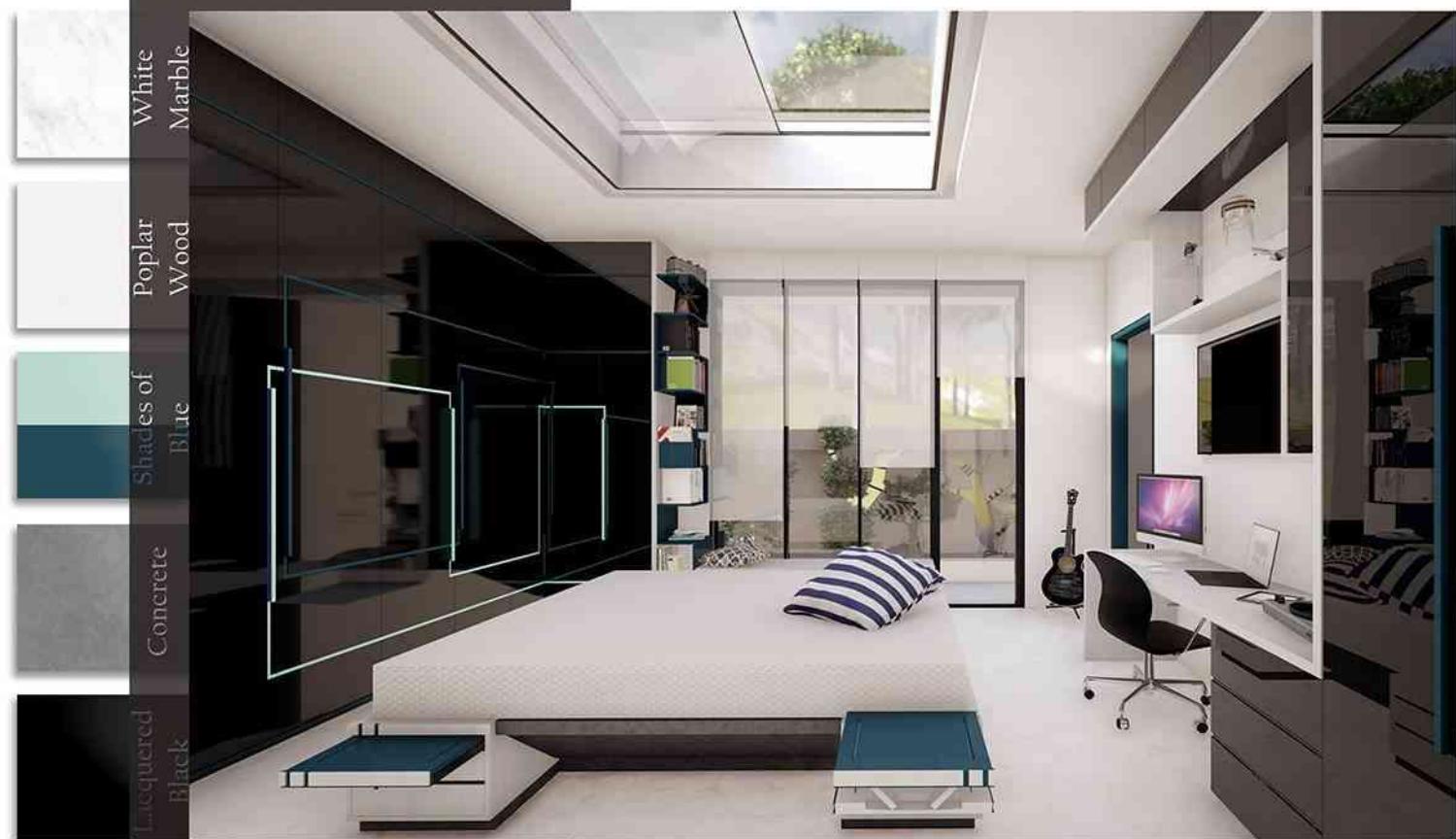
## MASTER BEDROOM 03

This room occupant is a skydiver who loves a safe free fall. As per the latter, the bed lands in the center with no limits.

The side-tables are within the bed's limits but can be pulled out then up sitting on its support.

Lacquered black for wardrobes panels represent the darkness of night with shades of skylight blue and royal blue forming the handles.

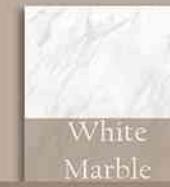
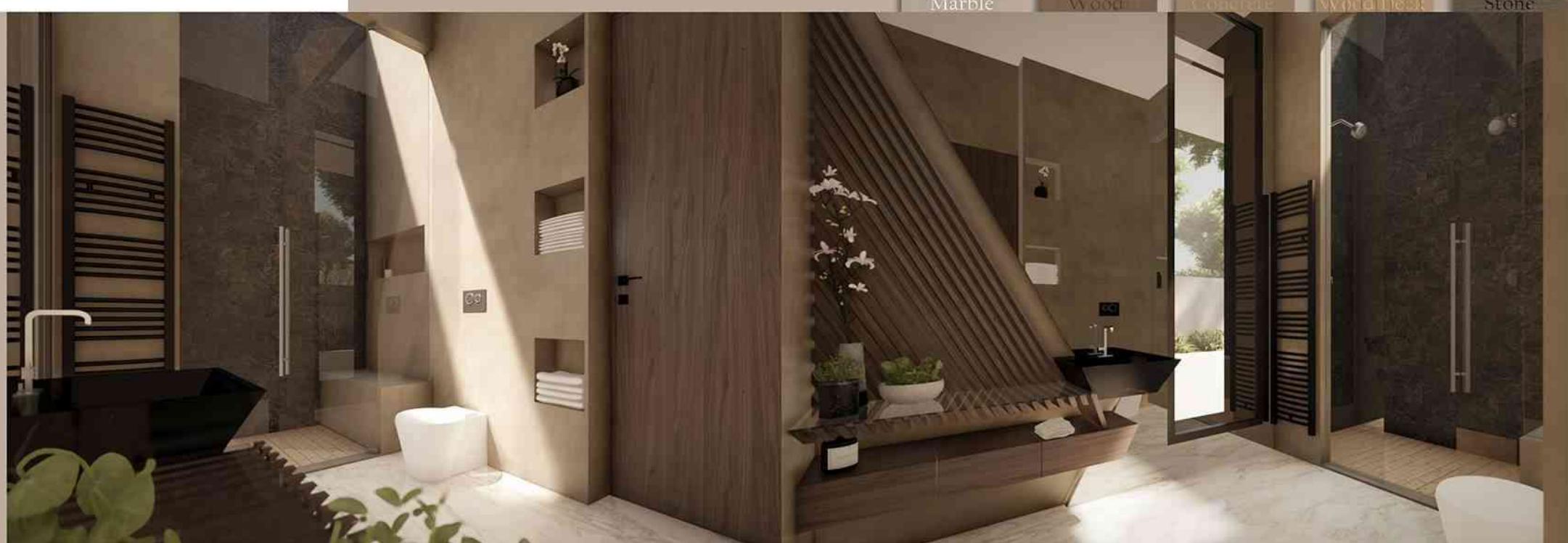
To keep openness in check, an exposed nook rests by the window along a triple railed opening by a bench topping the zinc cladding.



## MASTER BATHROOM 03

After a leap from the sky, getting to a desert part of earth.

The color selection for the bathroom is divided into a black canyon with a glazed ceiling opened to a sand-colored space.



White  
Marble



Walnut  
Wood



Light Tan  
Concrete

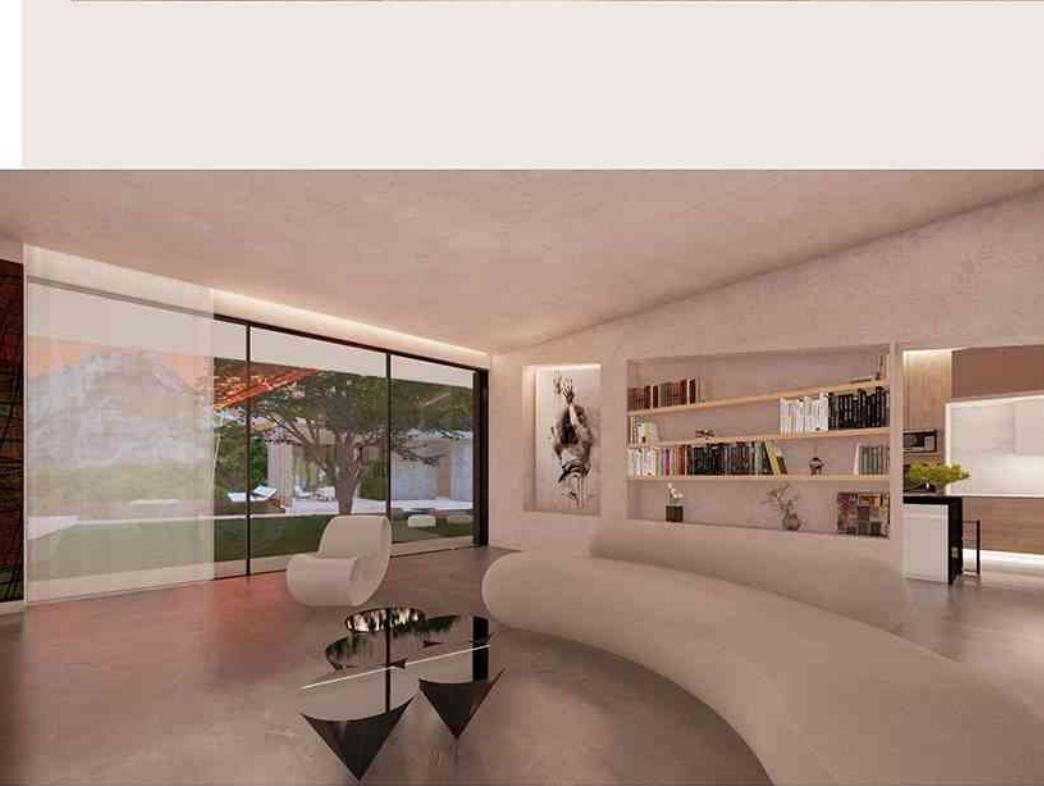


Marine  
Wood Teak



Black  
Stone

## LIVING ROOM



After going through different aspects of nature, we get to the cavernous living and dining room. The mid-space structure is used to modernify stalagmite, to set up a center firepit and a cupboard which acts as a hanging utility for the TV on the other side.

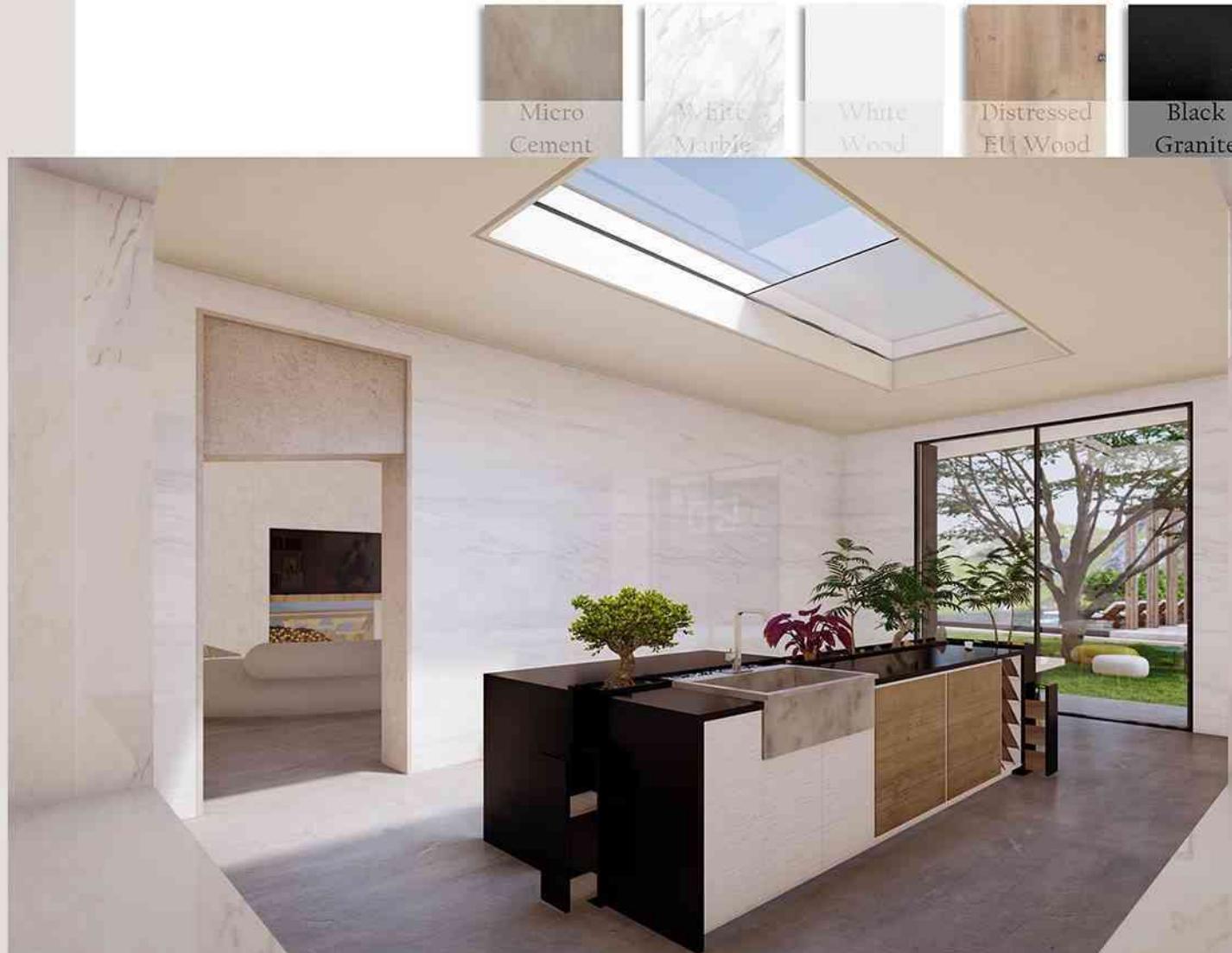
The dining table's concrete part is built into the space before the application of the wood. It serves as a safe part of the table to put hot cooking pots on.

A huge painting rises to form a hideout for the triple railed sliding curtains, while on the opposing side a skylight sheds its brightness on the natural stone textured wall.



## DINING ROOM

# KITCHEN



The kitchen is ready to serve the house. Occupying two walls of the space to present spacious cooking counters and enough storage to fit all of the utensils and other cooking utilities.

The Laundry room is accessible through one of the kitchen's cabinets.

The island has a planter connected to the sink's drainage and a part of the planter is filled with pebbles to place a dish rack over it.







## Resources:

- Living room sofa and table:  
Designed by a Lebanese furniture designer.

- Villa garden furniture:  
Designed by me

- Painting selections :  
The paintings are images from pinterrest that require no licensing.

- 3D assets:  
Cars, trees, plants, people, landscape utilities are property of Lumion furniture library.

Further details for resources are available upon request.

## References:

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THANK YOU ☺

