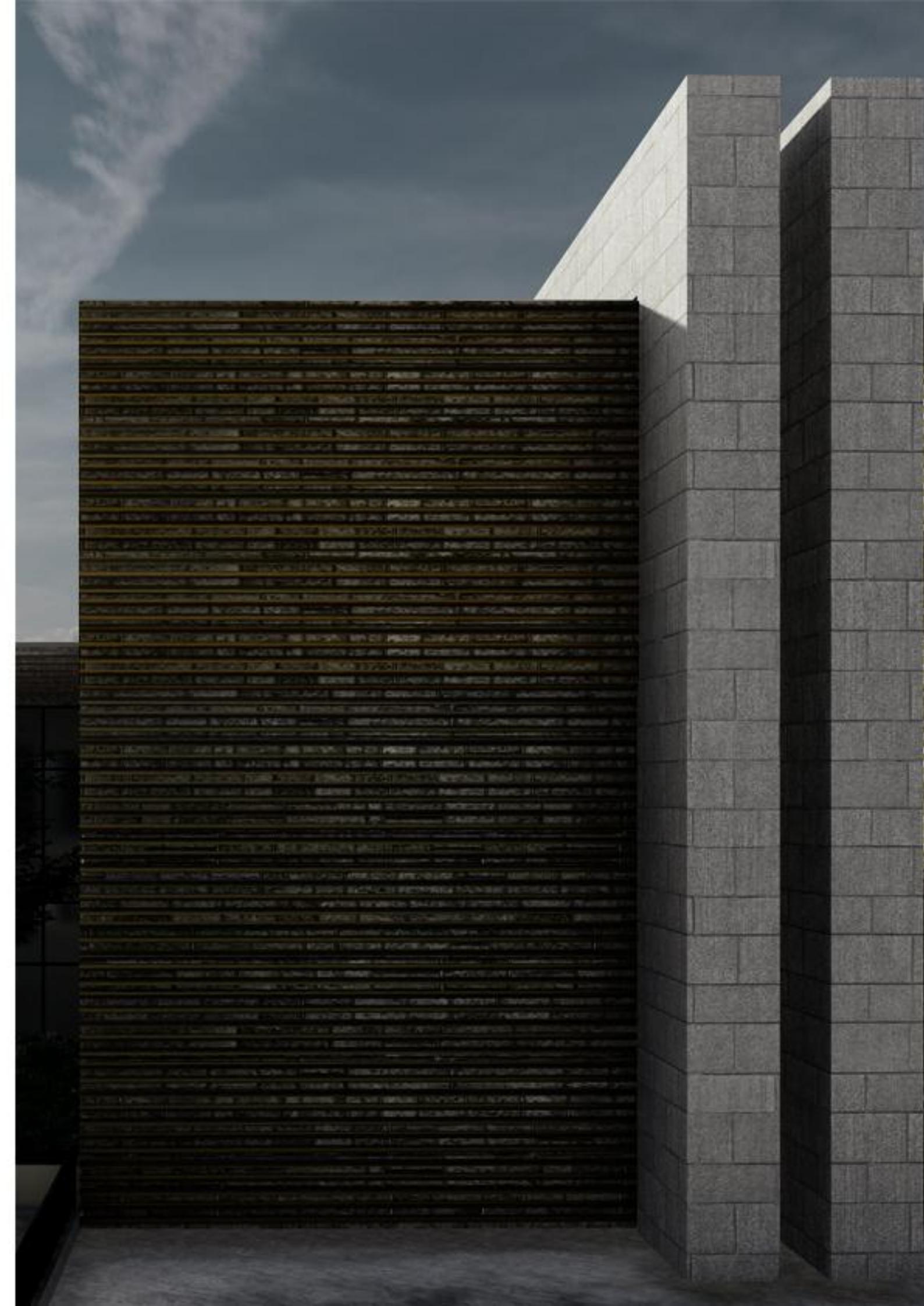


# PORTFOLIO

*Ranla Harry*



# RANIA HANY

Environmental  
Architecture & Urbanism

## INFO

Birthday : 26/1/1999

Nationality : Egyptian

Languages : Arabic – Native  
English –Fluent

## CONTACT

 +201012485213

 Maadi, Cairo

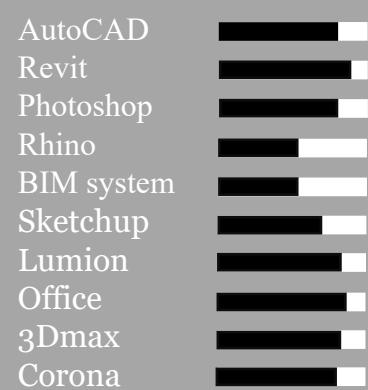
 Raniahany2601@gmail.com

 [www.linkedin.com/in/rania-hany-577167246](https://www.linkedin.com/in/rania-hany-577167246)

## SKILLS

- Creativity
- Communication
- Teamwork
- Organization
- Time Management
- Fast learning
- Flexible
- Multi-tasking skills
- High Dedication

## PROEFFICIENCY



## OBJECTIVE

To make use of my interpersonal skills and experience to achieve goals of an organization that focuses on Architectural field and to create value for my prospective employer through my dedicated and diligent efforts.

## GRADUATION PROJECT

### World Design Studio

Part of design team responsible for Designing the development of CUICAR campus in Greenville, South Carolina, USA.

Graduated : 7/2022

## EXPERIENCE

### — Junior Design Architect

Aura | Interior - Architecture - Urbanism  
09/2022 - Present

Cairo , Egypt

### — Technical Interior Design

Luster Hub (Freelance)  
07/2022 - 09/2022

Cairo , Egypt

## TRAININGS AND INTERNSHIPS

### ○ Orascom Construction

Used to do an inventory calculation of various materials as well as handing any monetary transactions pertaining to them  
08/2021 - 10/2021

### ○ Rendering Software workshops

Workshop at Cram Center  
Experience architecture visualization in rendering using Lumion  
07/2021 - 09/2021

### ○ Workshop at Career Readiness

Building Information Modelling BIM  
Architecture Visualization Post-Production  
07/2020 - 08/2020

### ○ Nile Front Regeneration winter school

workshop aims to renovate an island in Aswan city , through sustainable designing by using their culture and history  
01/2020 - 02/2020

### ○ Earth Building Workshop

Experience the basic construction methods and tools of building through real building experiments  
07/2019 - 09/2019

## EDUCATION

### — B.Sc. of Environmental Architecture & Urbanism

Ain Shams University -ASU  
GPA : 3.27  
09/2017 - 07/2022

Cairo , Egypt

### — B.Sc. of Architecture & Urbanism

University of East London - UEL  
Dual Degree  
09/2018 - 07/2022

London , England

### — American Diploma

Al-Alson International School  
09/2005 - 06/2017

Riyadh , Saudi Arabia

# TABLE OF CONENT



# CUI-CAR TECHNOLOGY PARK

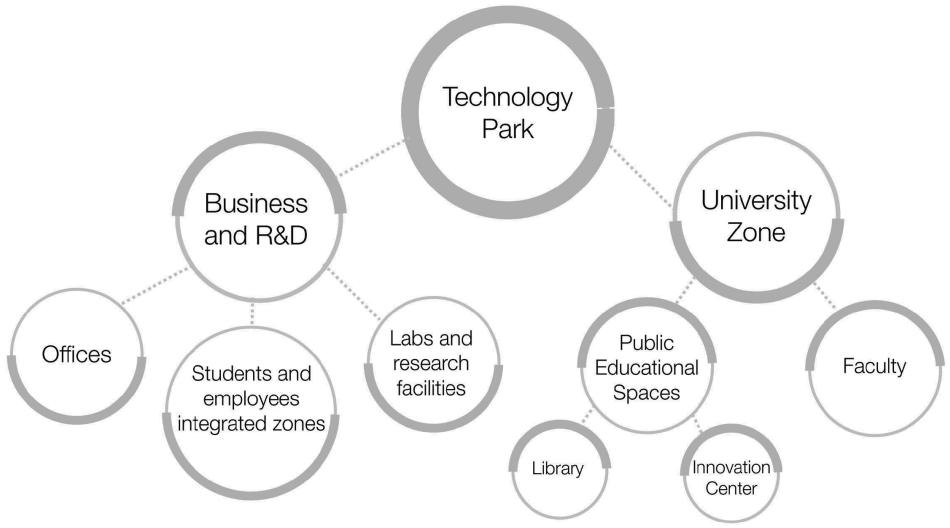


## BRIEF

A Revolutionary Experience. A home for all, an invitation to innovation, our extension to CU-ICAR takes the user on a journey through academia, business, community and nature, in our rebranding of the well-known campus as a technology park, a step towards a brighter and more inclusive future.

# VISION

Rebranding the CUICAR as a **Technology Park** that contributes to the ever-growing economy of Greenville and to act as a major scientific and research hub.



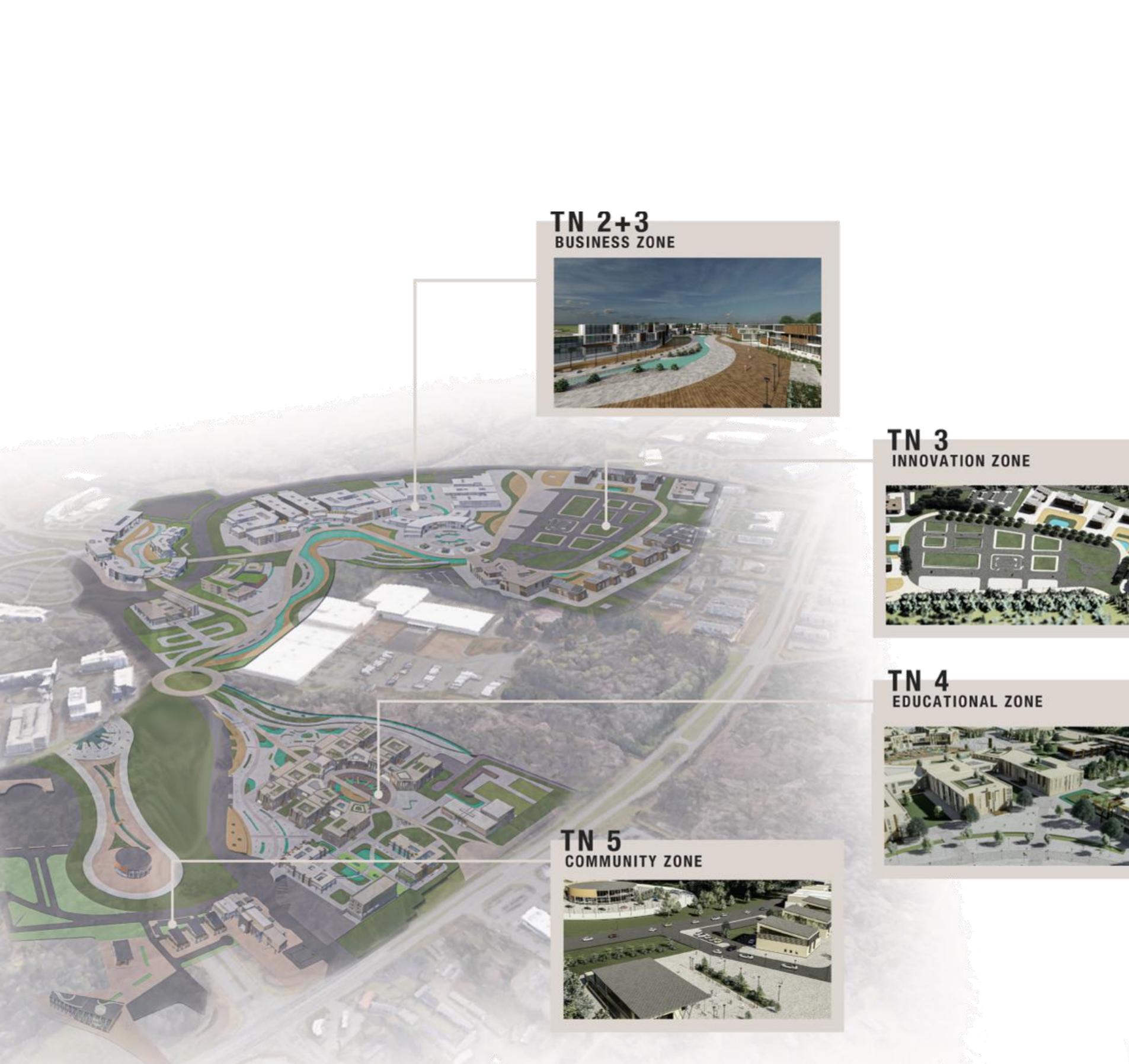
# GOALS



# MISSION



A REVOLUTIONARY EXPERIENCE



## TECHNOLOGY NEIGHBORHOODS

**TN 2+3**  
BUSINESS ZONE



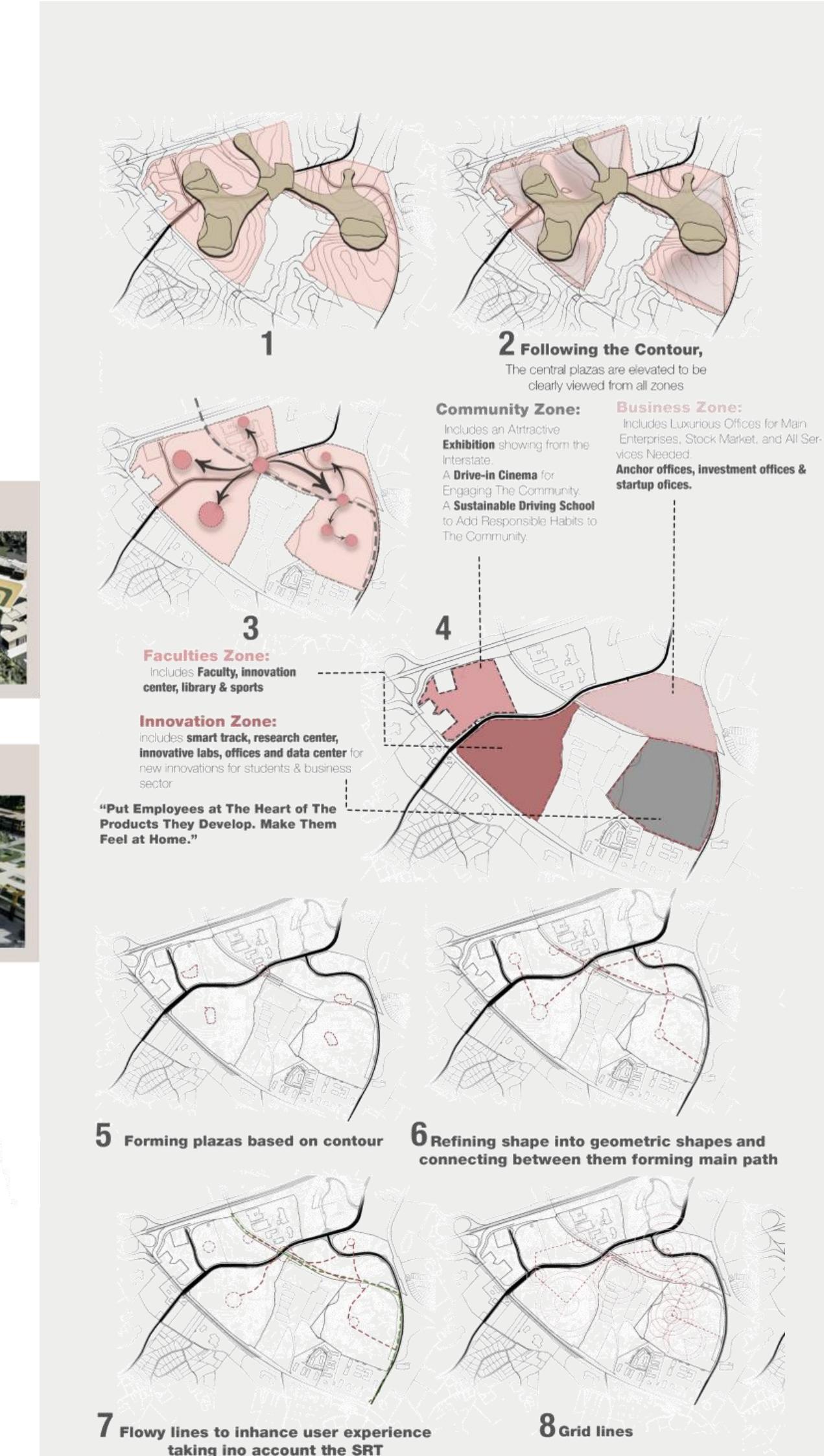
**TN 3**  
INNOVATION ZONE



**TN 4**  
EDUCATIONAL ZONE



**TN 5**  
COMMUNITY ZONE



# BUSNISS ZONE

Part of it located near main campus and another part is near innovation zone making it an opportunity for placing the business zone that includes startup offices, investment offices and anchor offices.

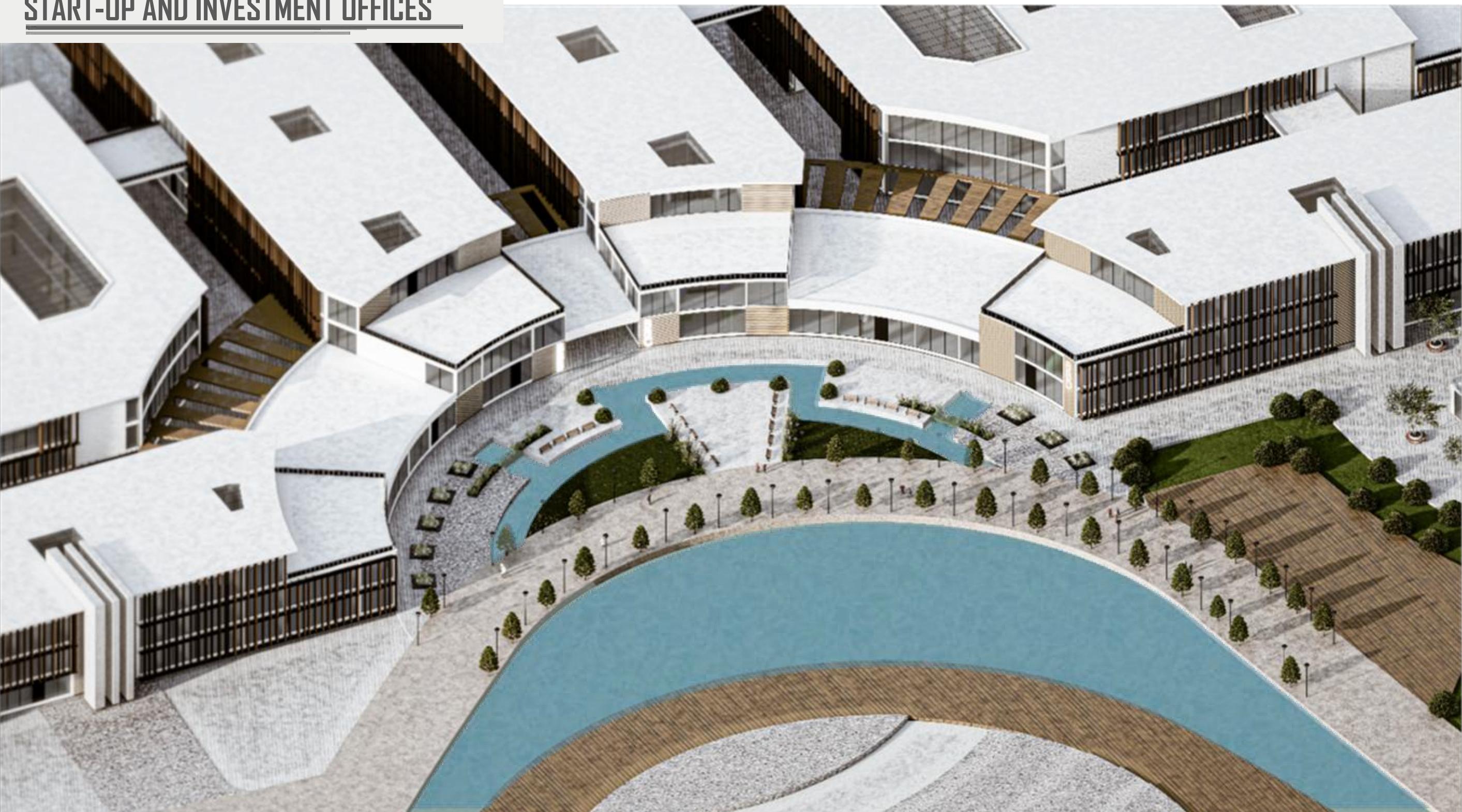


## PROJECTS

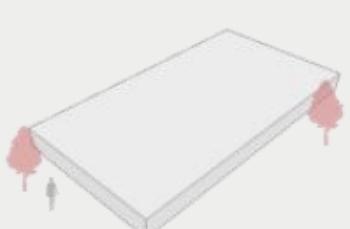
- 1-Anchor office
- 2-Anchor office
- 3-Anchor office
- 4-Recycling and trading center
- 5-Stock market
- 6-Convention center
- 7-Startup and investment office
- 8-Resturants and banks



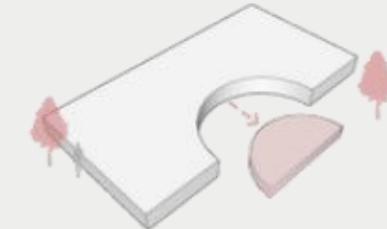
## START-UP AND INVESTMENT OFFICES



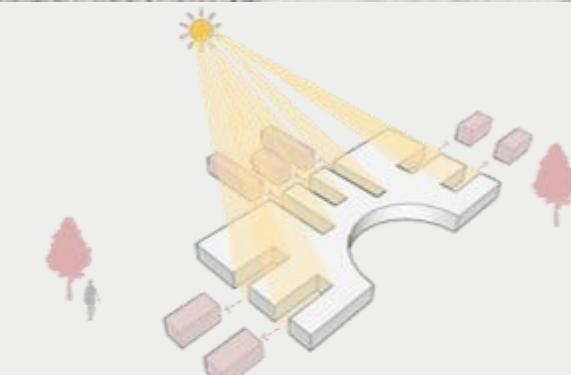
## FORM GENERATION



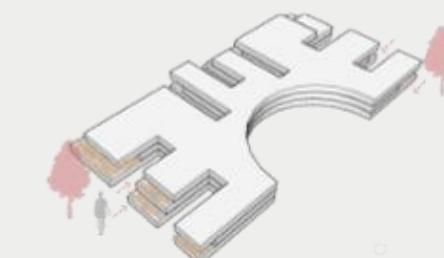
1. Cubic Mass



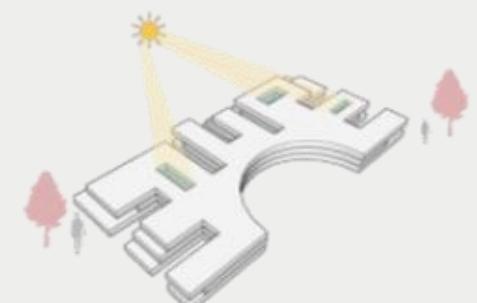
2. Removing the central semi-circular area to create a welcoming plaza



3. Removing cuboids from the sides, to allows interior daylighting



4. Creating fingers at different lengths for green roofs and improve indoor quality



5. Adding atriums to enhance the Daylight in indoor space

## EXTERIOR SHOTS

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## FRONT ELEVATIONS

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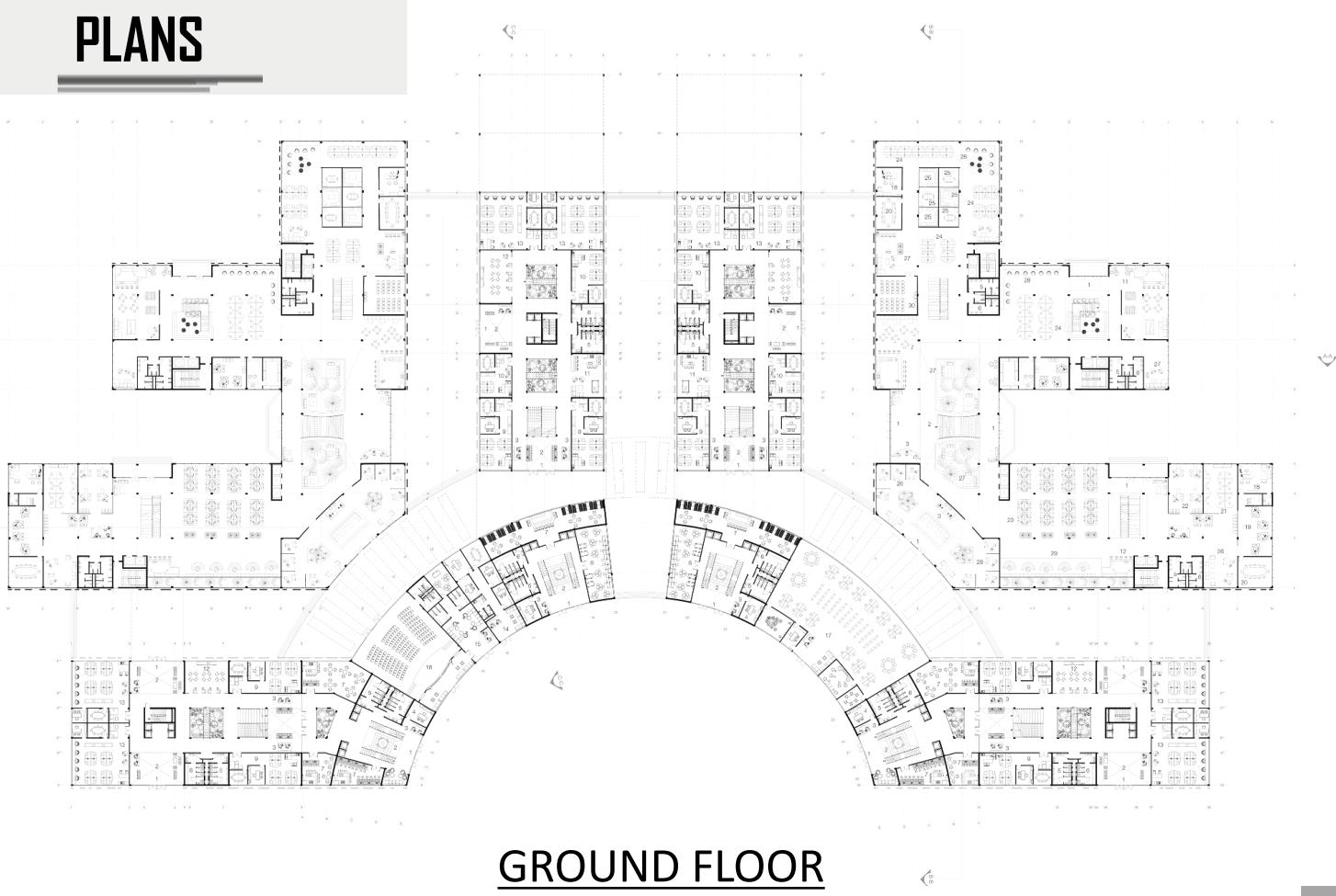


## INTERIOR SHOTS

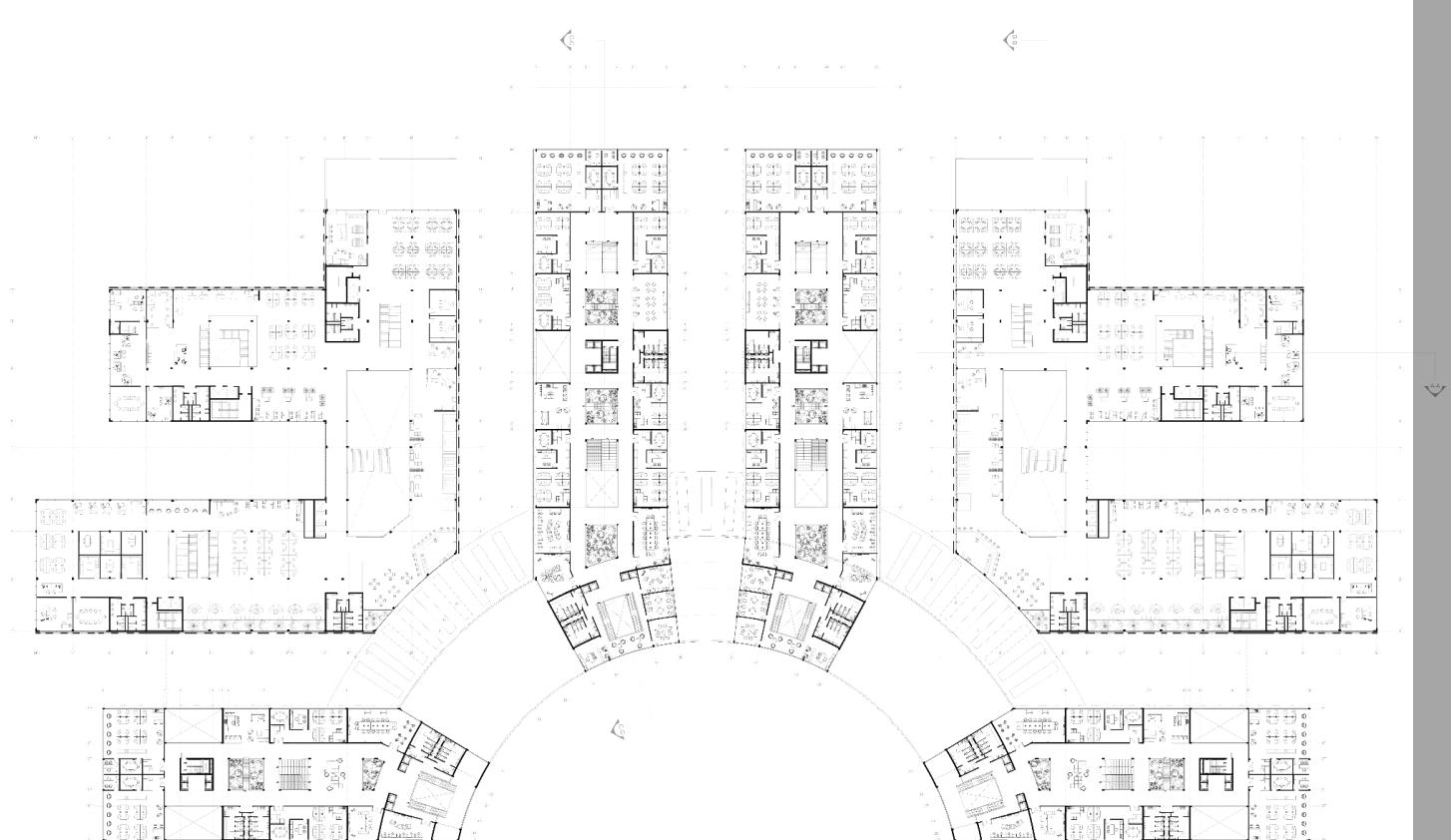
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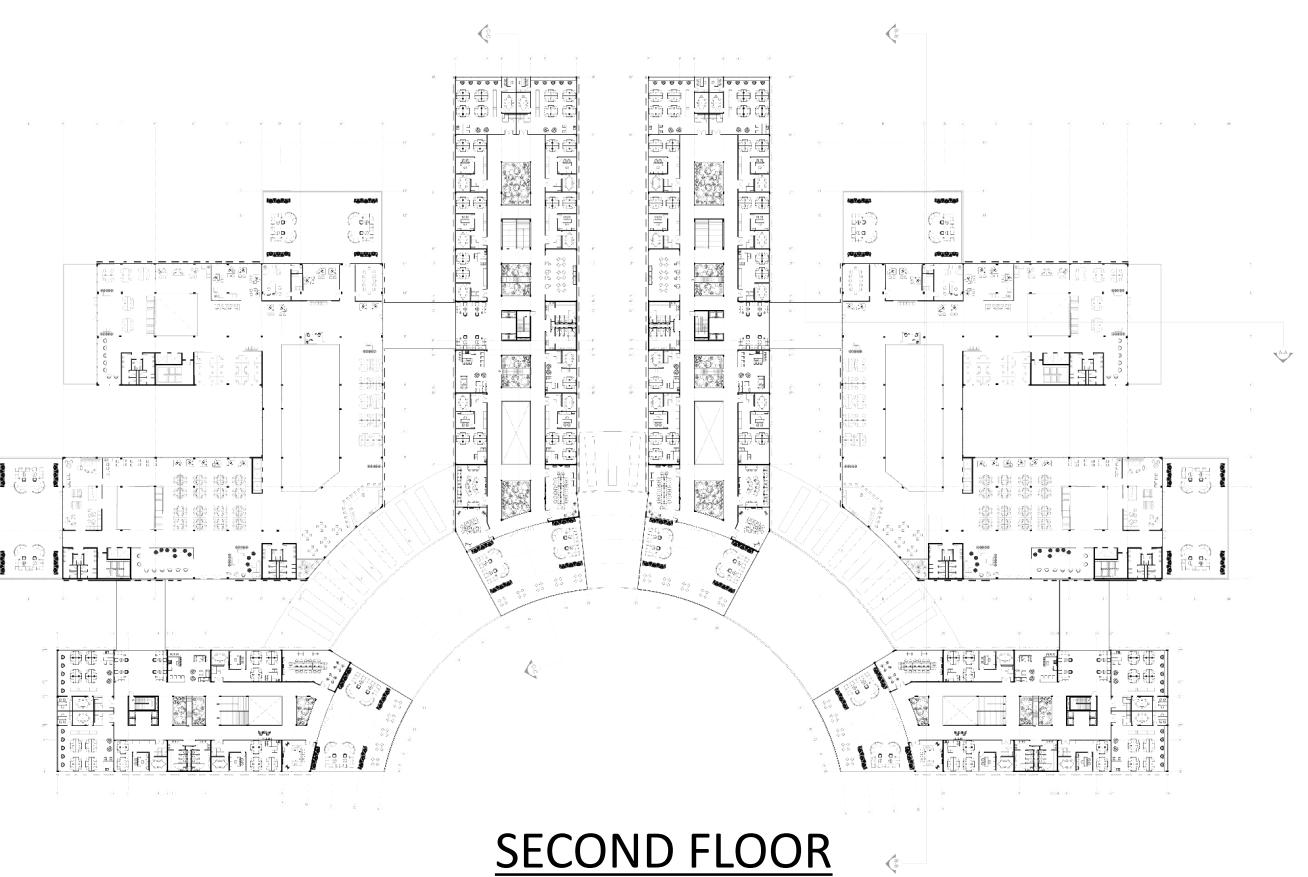
# PLANS



GROUND FLOOR

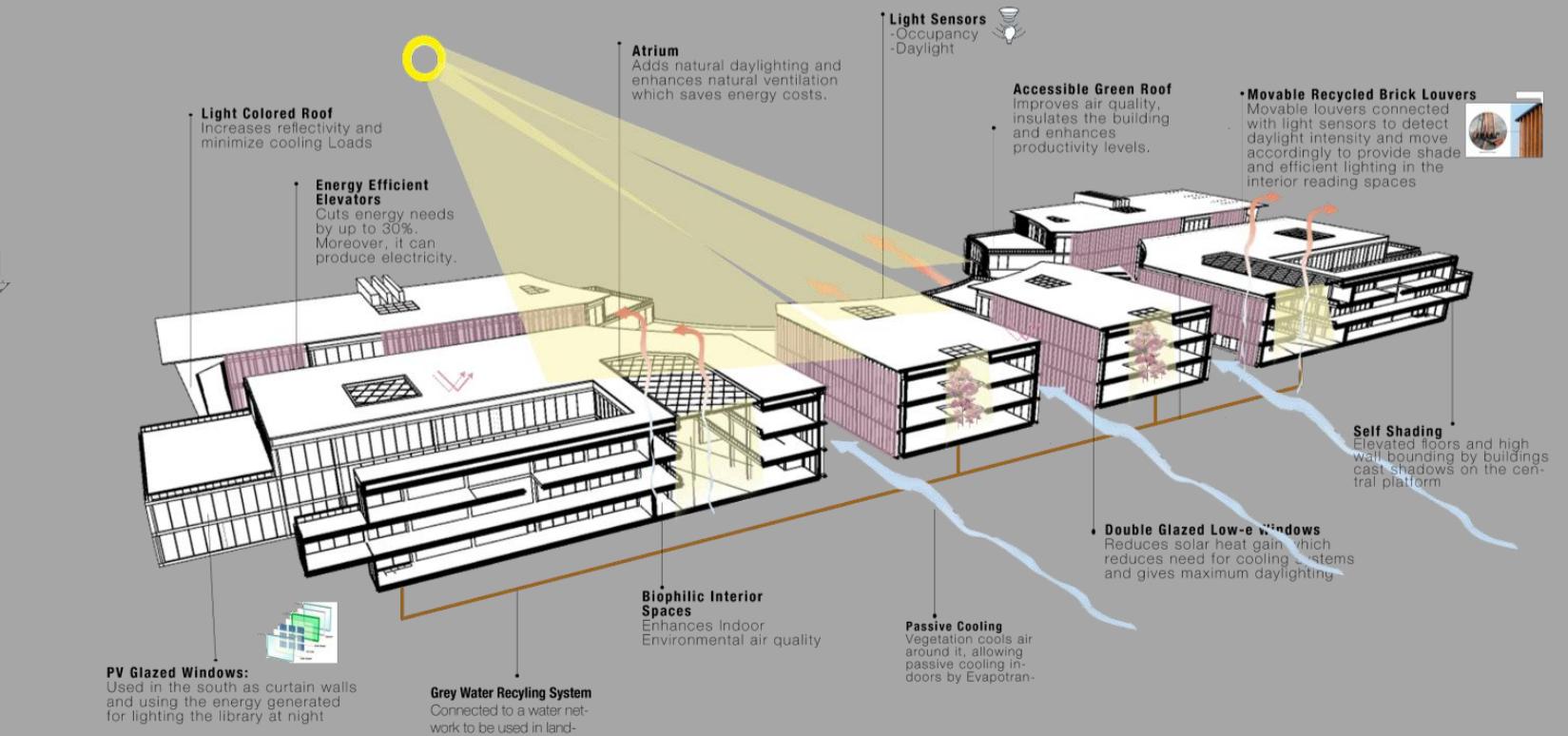


FIRST FLOOR



SECOND FLOOR

## ENVIRONMENTAL STUDIES



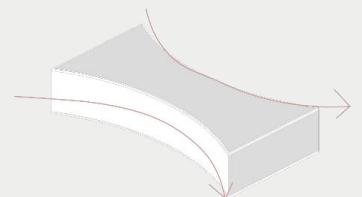
## RESTURANTS AND BANKS



## FORM GENERATION



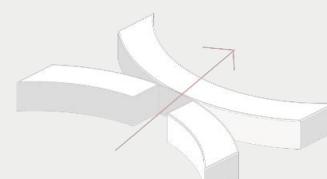
1. Cubic Mass



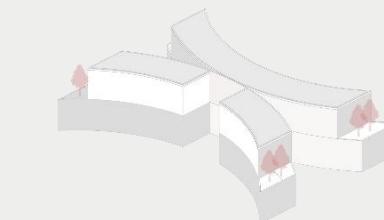
2. Respecting contour



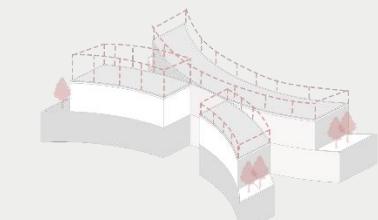
3. Forming two masses for two different uses



4. Main entrance and axe

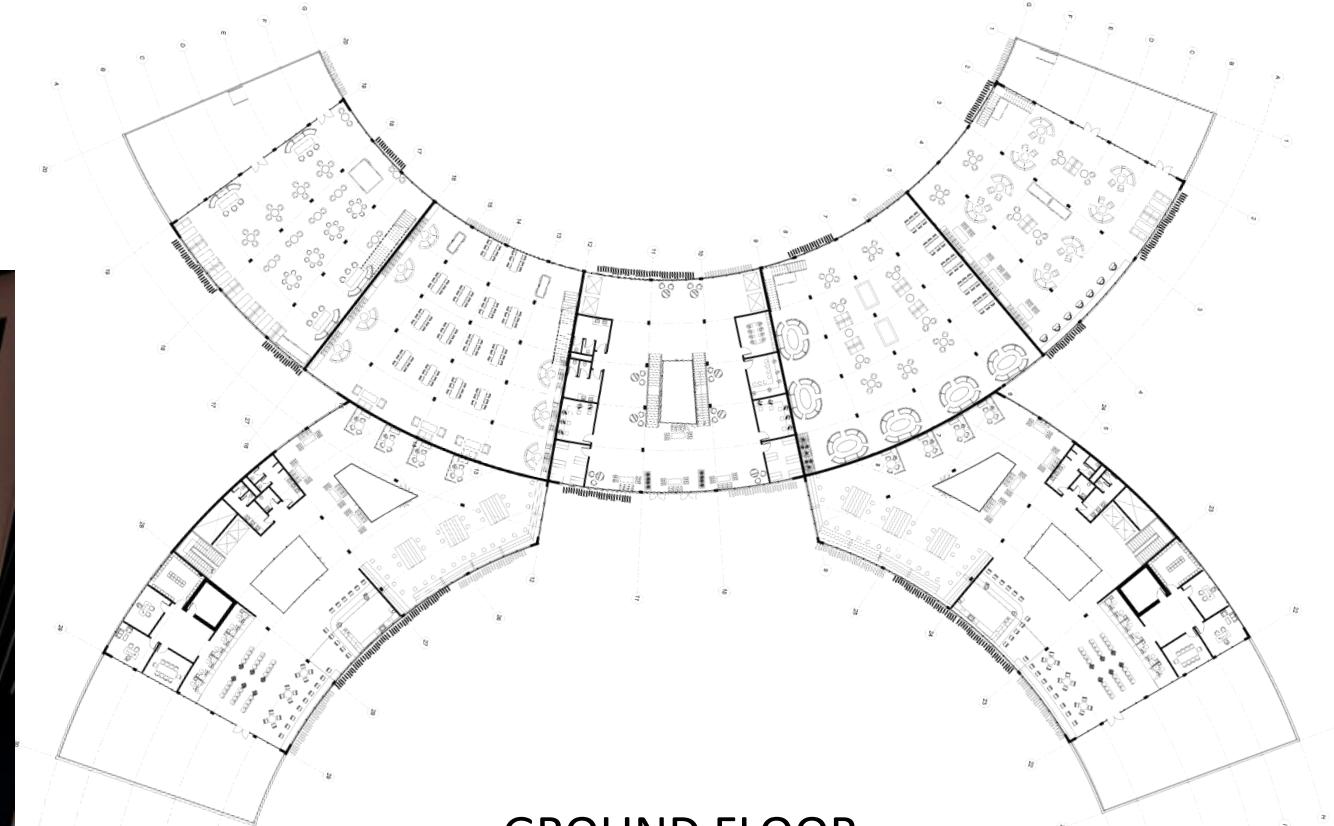


5. Adding outdoor terraces

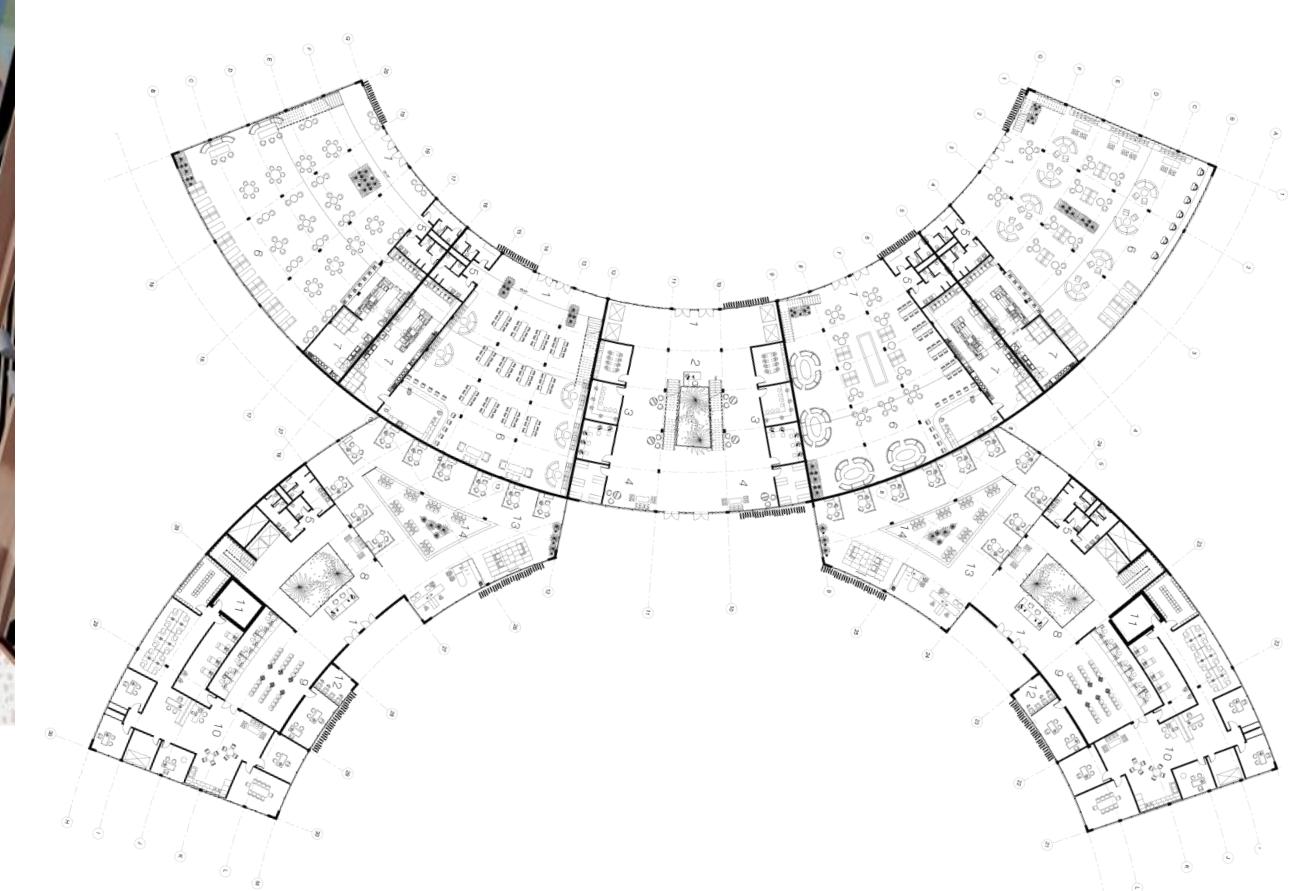


6. Adding expandable modules for future owners

## INTERIOR SHOT

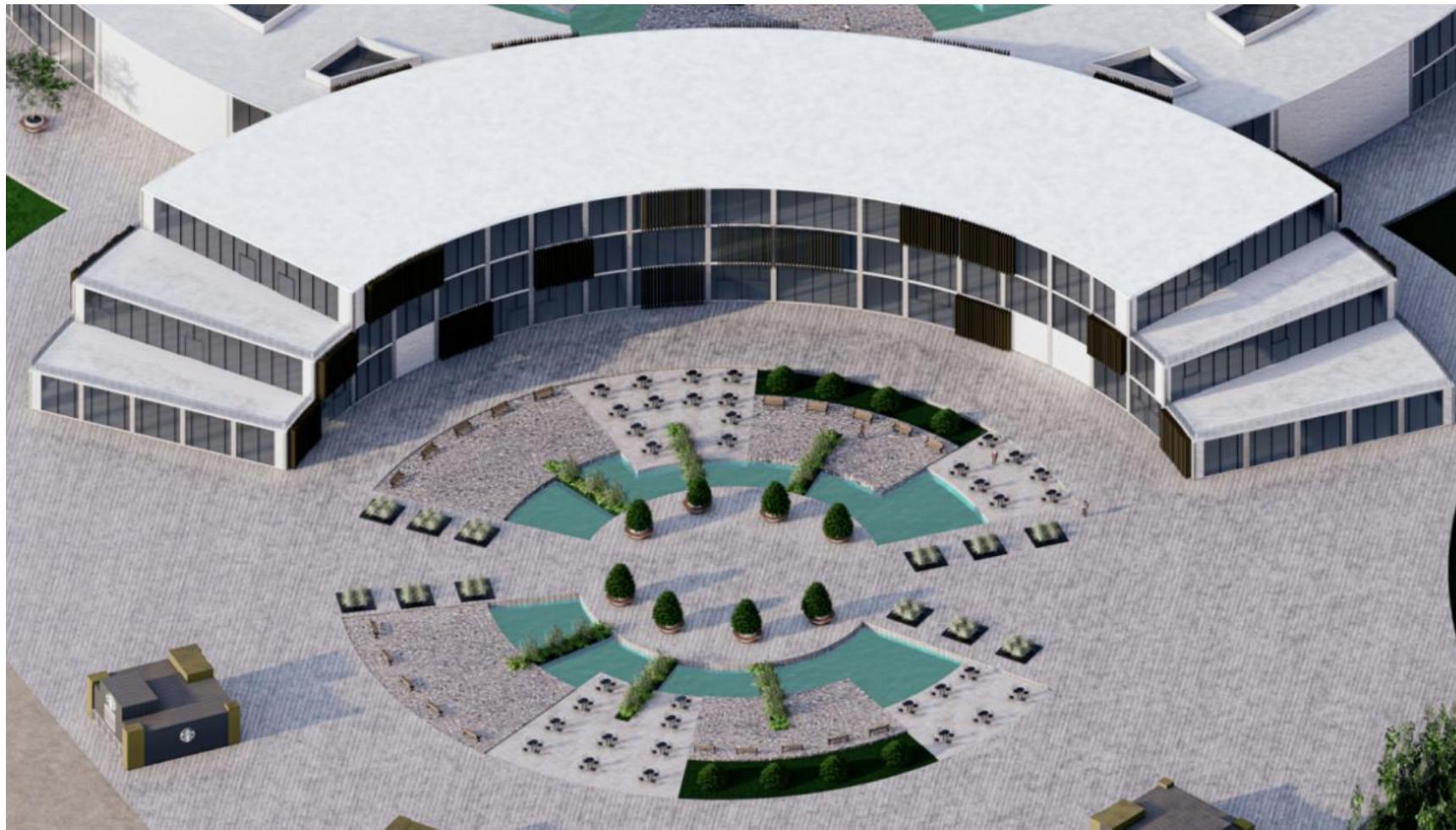


**GROUND FLOOR**



**FIRST FLOOR**

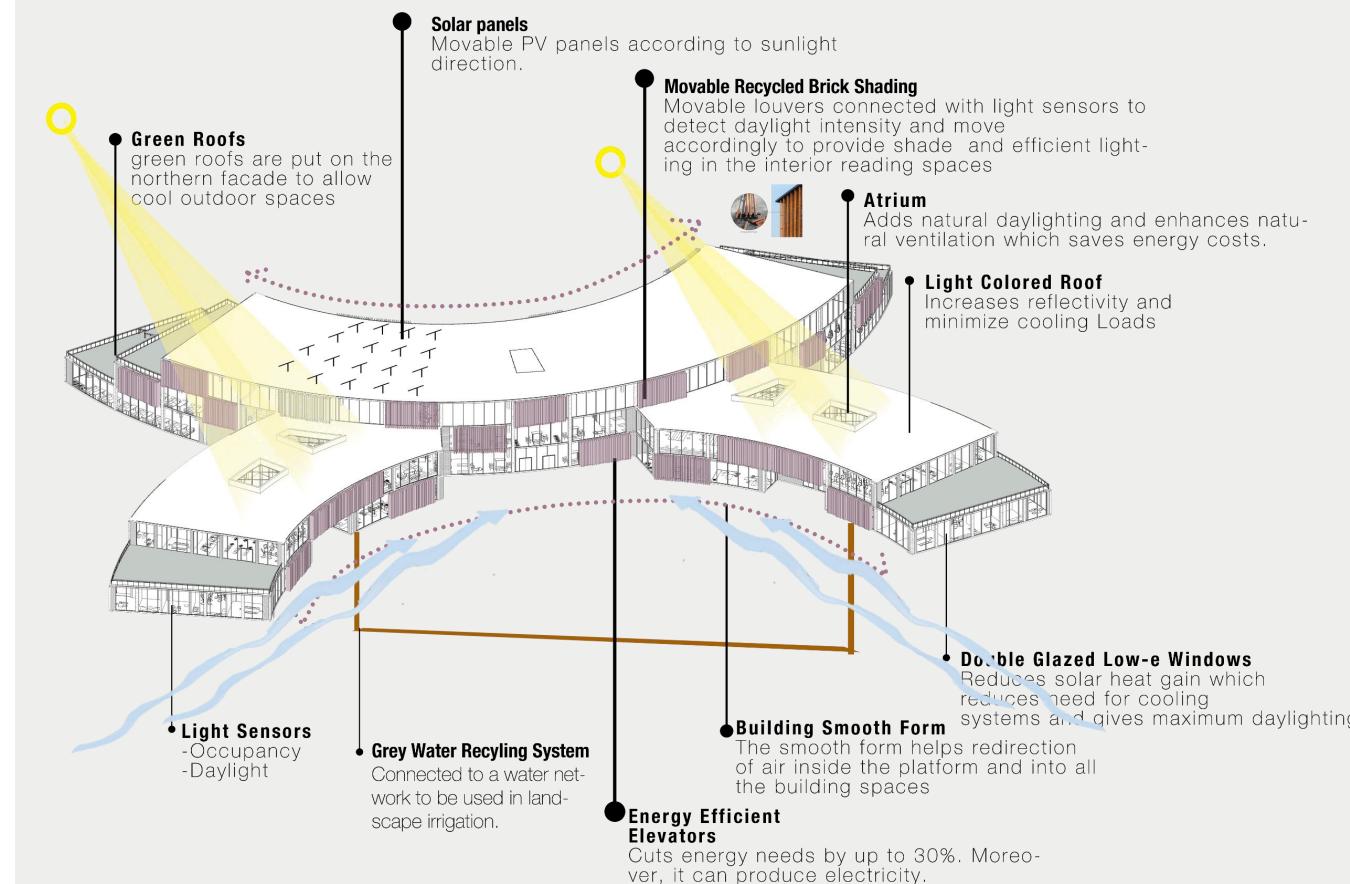
## EXTERIOR SHOTS



The Restaurants and Banks are formed in a semi-circle shape constitute passive design strategies for reducing energy consumption and improving thermal comfort for occupants of a building.

In addition to a stepness and the ends to create open accessible roof tops.

## ENVIRONMENTAL STUDIES

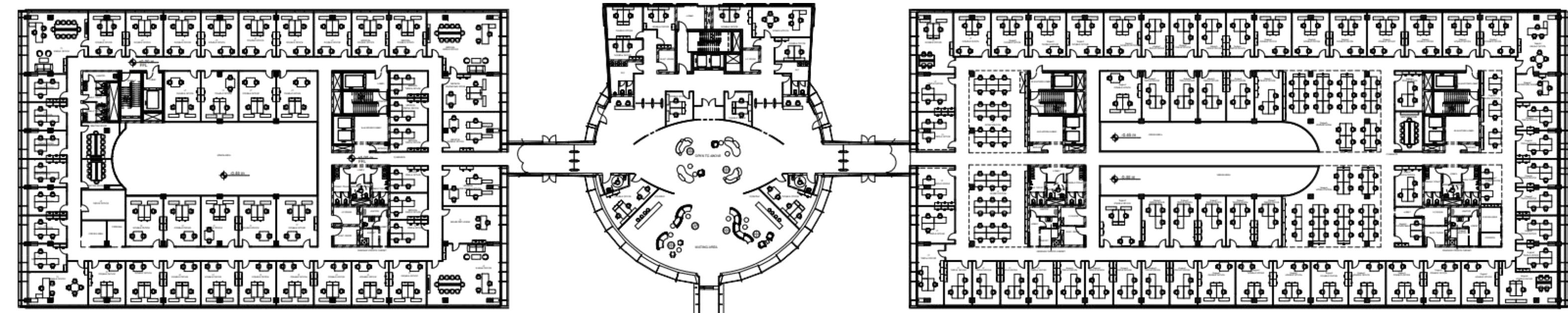


# PETROBEL HEADQUARTER

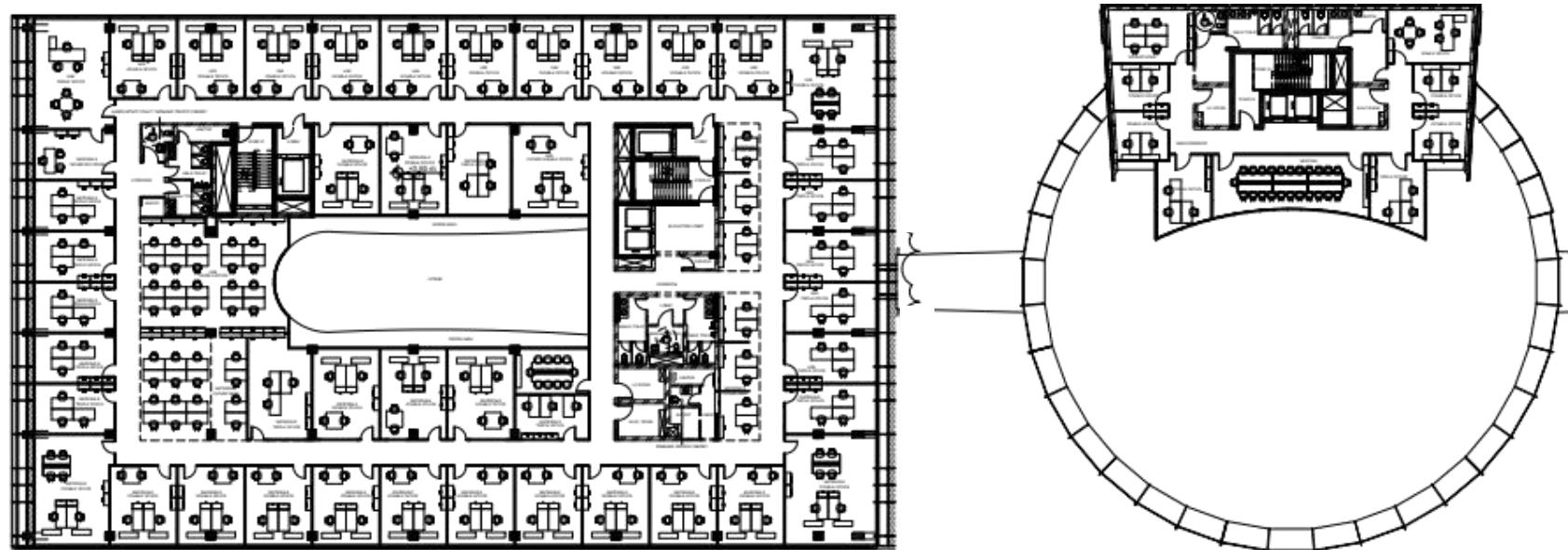


## BRIEF

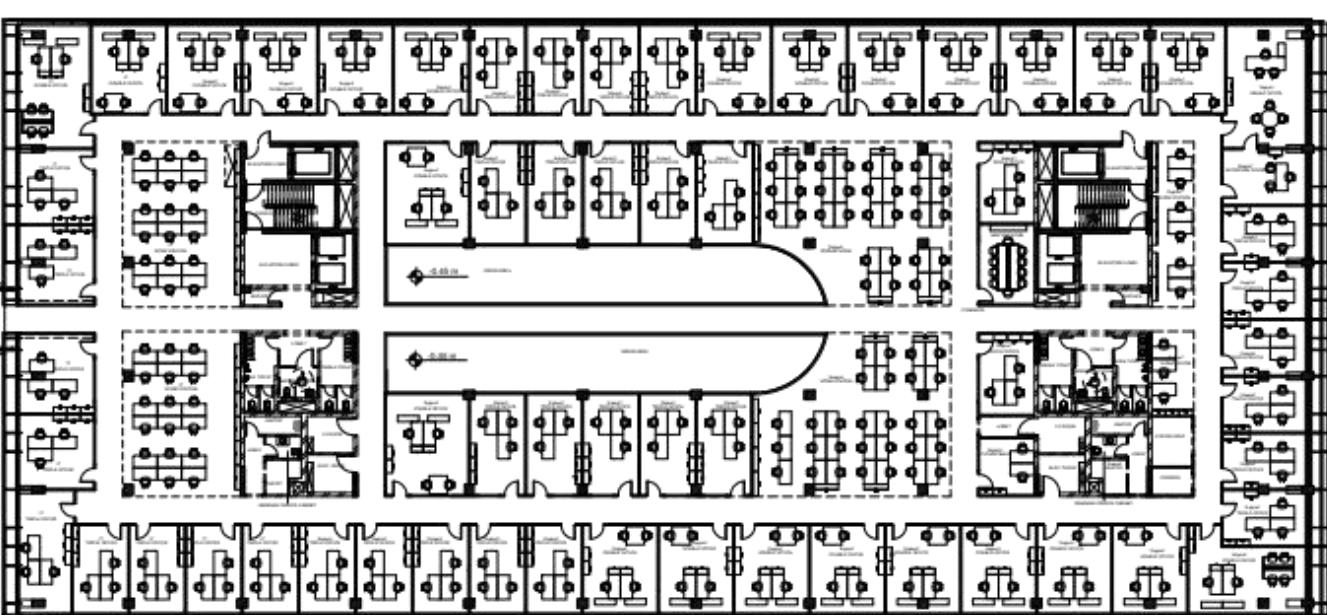
The Headquarter is formed as a 3 Independed buildings connected together with accessible indoor bridges. The buildings afacades designed using glass to give perception of modernity to office spaces, as well as Enabling the natural light to flow through the whole buildings.



GROUND FLOOR

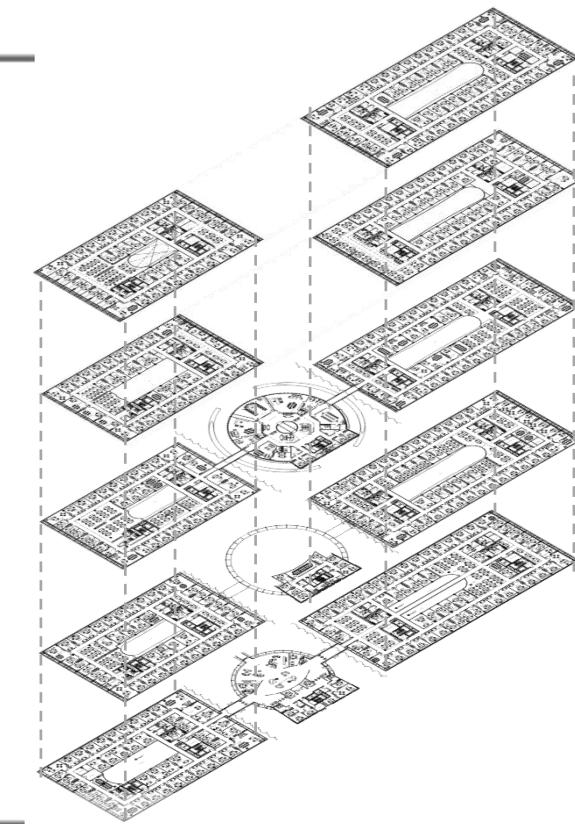


FIRST FLOOR

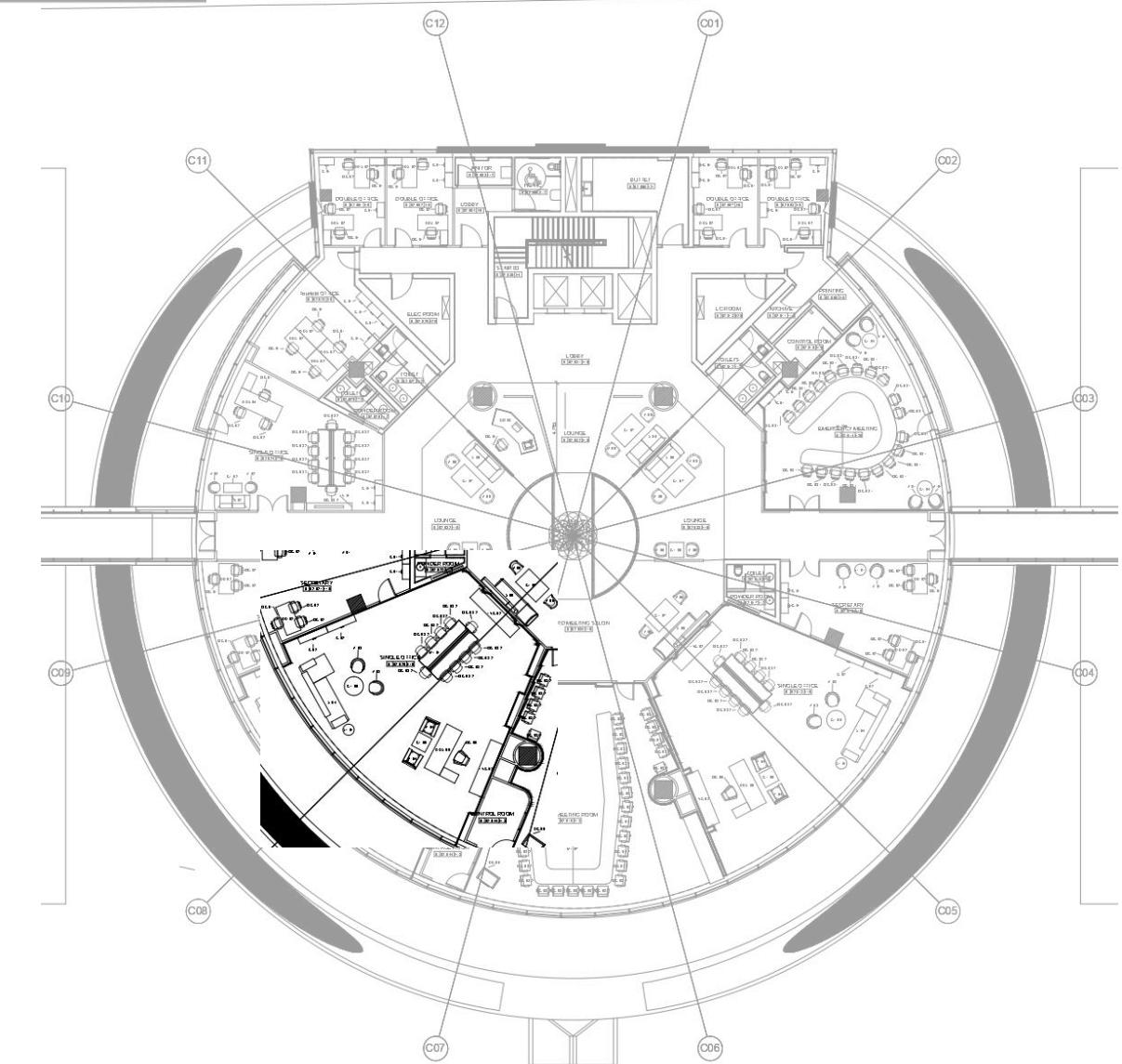




## PLANS FORMATION



## INTERIOR DESIGN



# BUSNESS CENTER OFFICES

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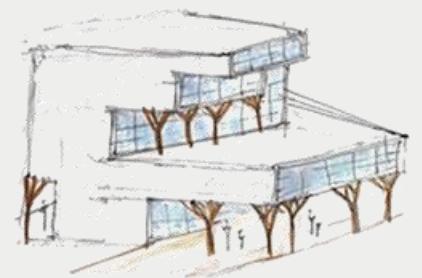
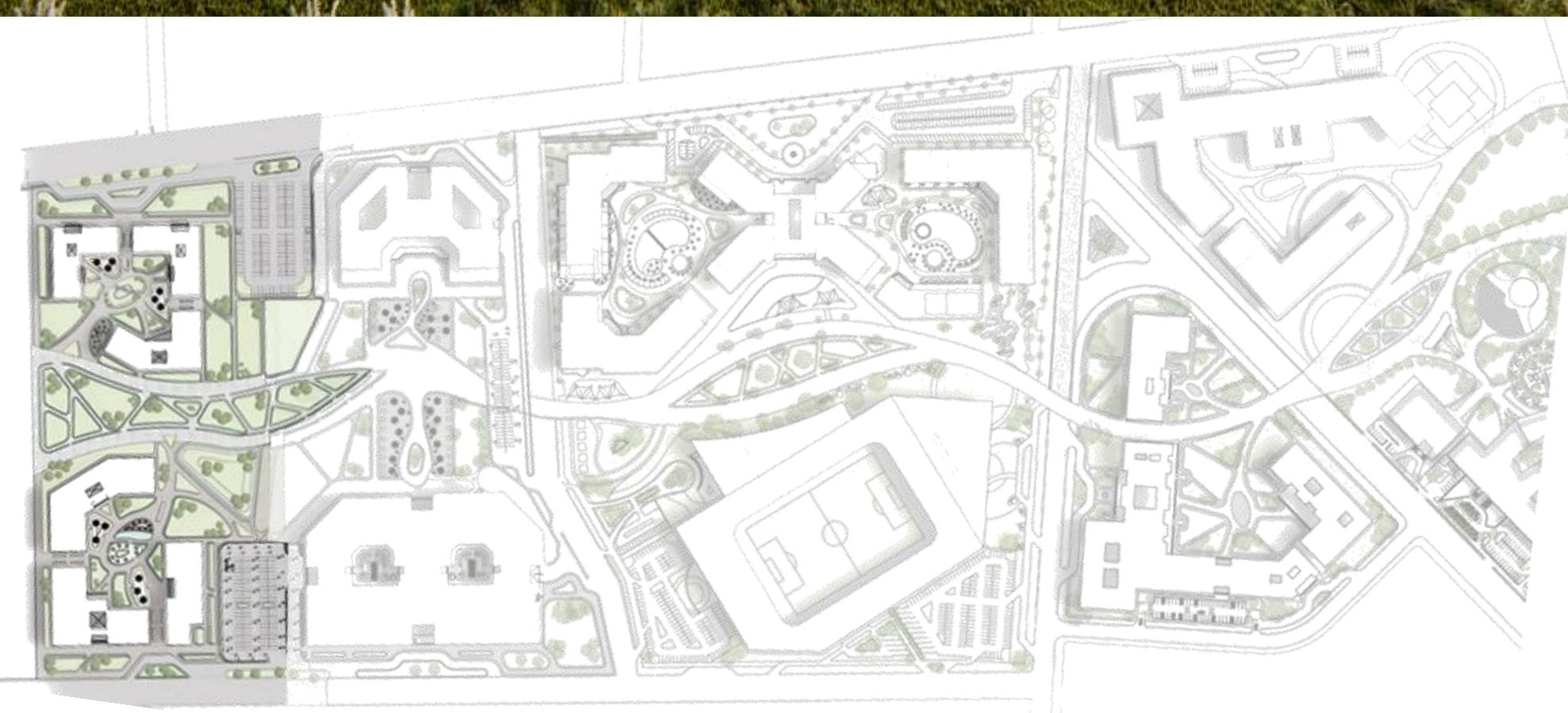
## BRIEF

Integrating nature with human beings to keep them in good health and improve their well-being and using the context as a vital source of livelihood. Going to the Forest helps to heal through the combination of sound, activities and arts

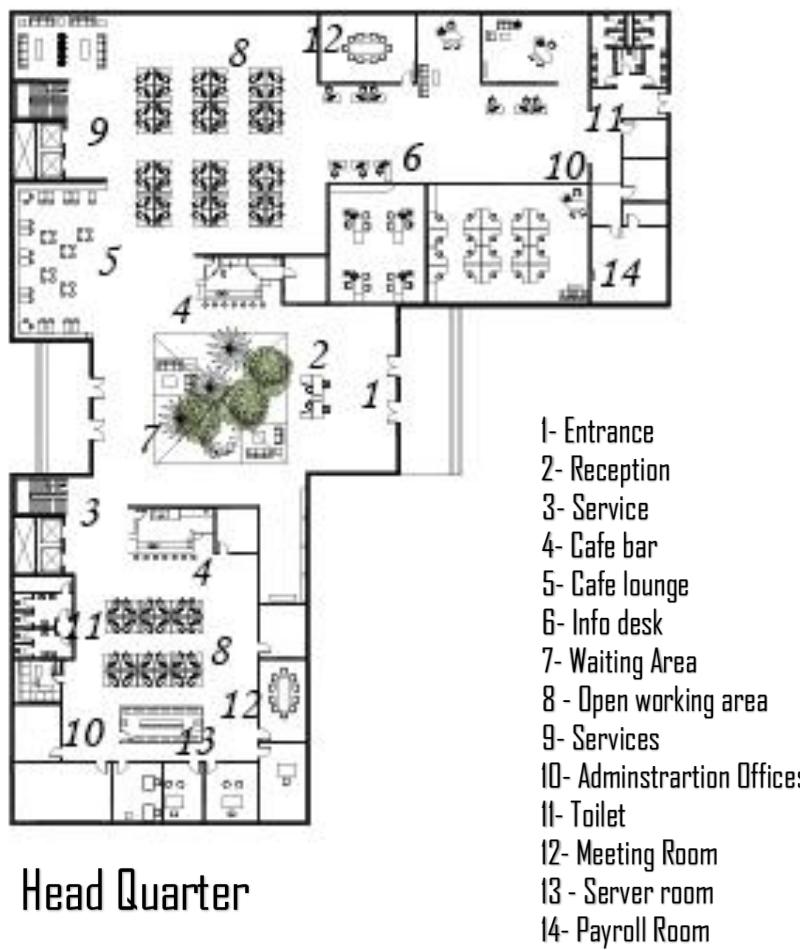
## THEME

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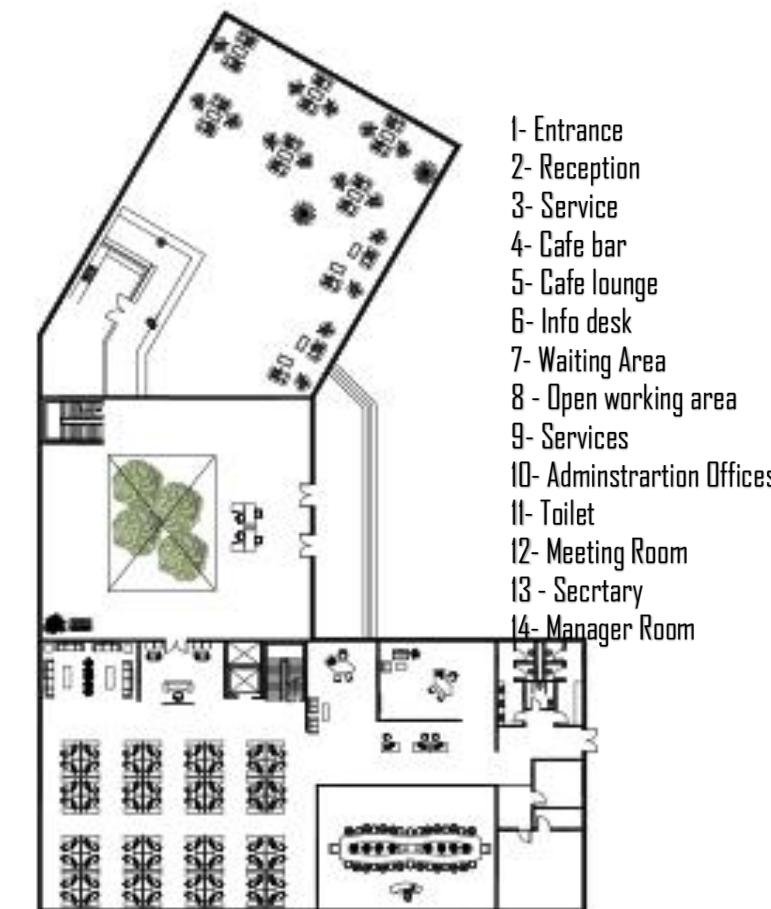
Inspired from the forest, aiming to integrate people with the surrounding nature and expose them to be in harmony through an adventurous and authentic experience to release the value of wilderness.



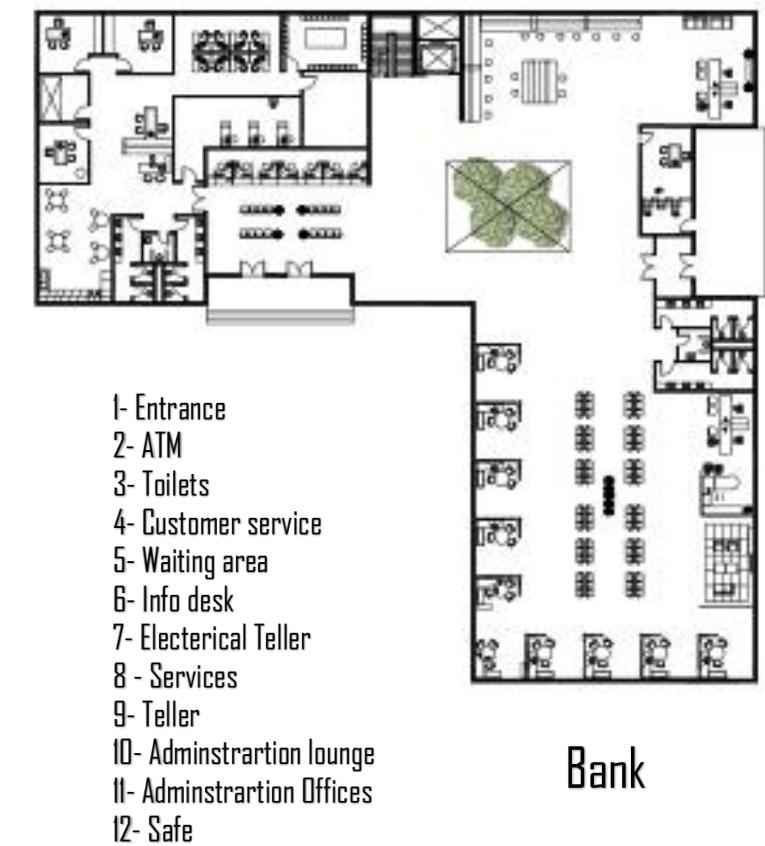
# PLANS



Head Quarter

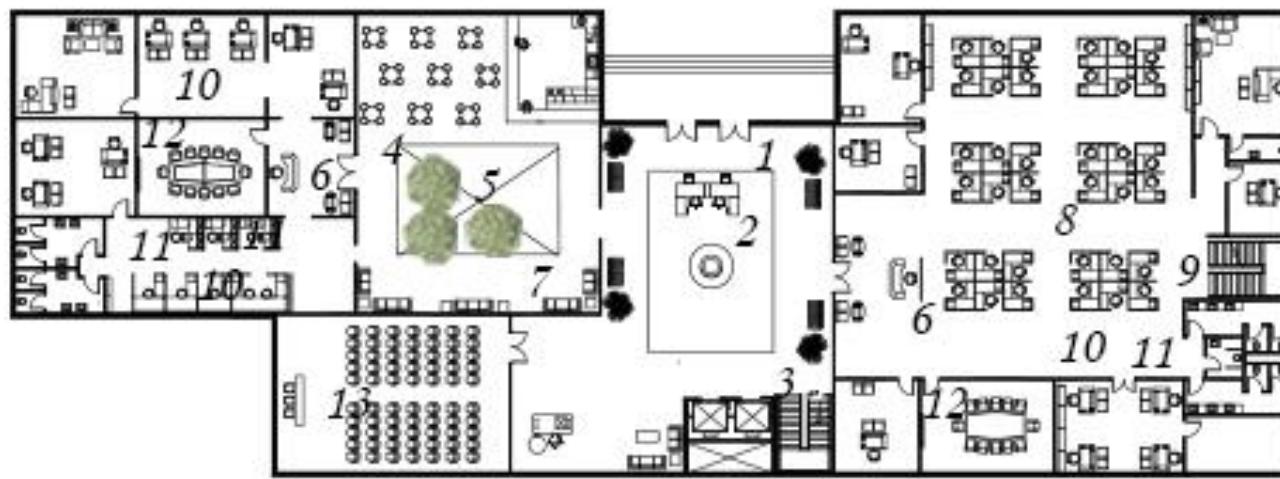


Bank



Bank

1- Entrance  
2- Reception  
3- Service  
4- Cafe bar  
5- Cafe lounge  
6- Info desk  
7- Waiting Area  
8 - Open working area  
9- Services  
10- Adminstrartion Offices  
11- Toilet  
12- Meeting Room  
13 - MPU Hall



Head Quarter



Head Quarter

# SECTIONS





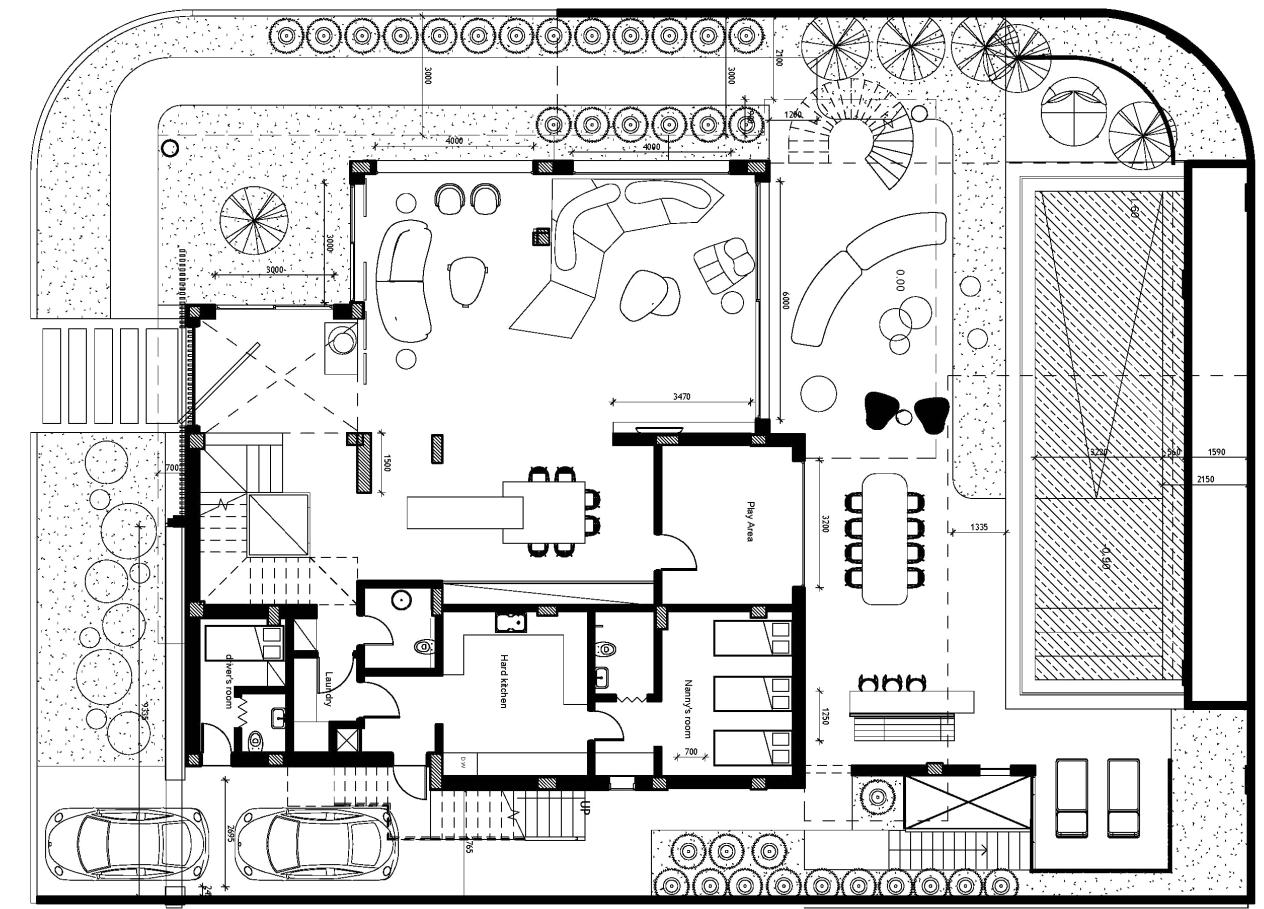
# KATAMYA HIGHTS RESIDENCE



## BRIEF

The Residence is designed as a Modern villa by an open floor plan, with rooms that flow seamlessly into one another and plenty of windows to let in natural light. They often feature high ceilings and large windows, as well as ample outdoor living space in the form of terraces, balconies, and gardens.

## VILLA ENTRANCE



The Villa Design Follows the Large Window Ratio into which it lights up the living area that is dedicated to conversation and socializing. The open-plan kitchen has a lighthearted vibe, designed as a calm, laid-back space to prepare and enjoy meals. Huge glass openings connect the front elevation to the front garden & backside areas to the corresponding garden to create a transcendental continuous green expanse. Subtle landscapes add nuance to the interior design.



# R E N D E R S

# COLOR PALLETE



## **Basement Floor**



## Edra – On the Rock



B&B Italia - UP50



## Tacchini- KANJI



## Moroso - Pacific



Cassina Hola 369



## Moroso - Pacific



## Guest Bedroom



White-Blush Painting



Travertine Marble



White-GypsumBoard



Engineering Wood

# JEFARIA LAGOON CHALET

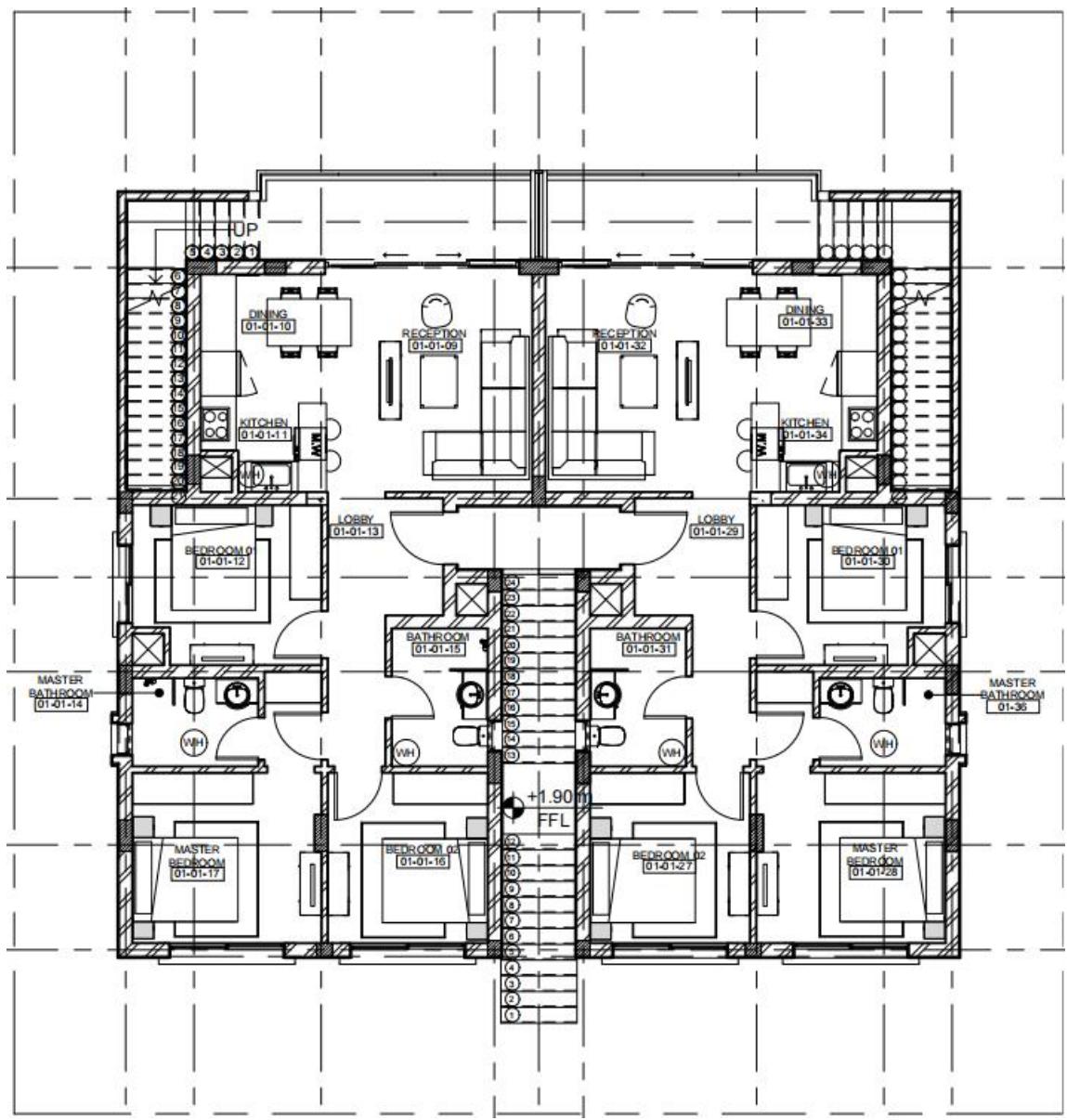
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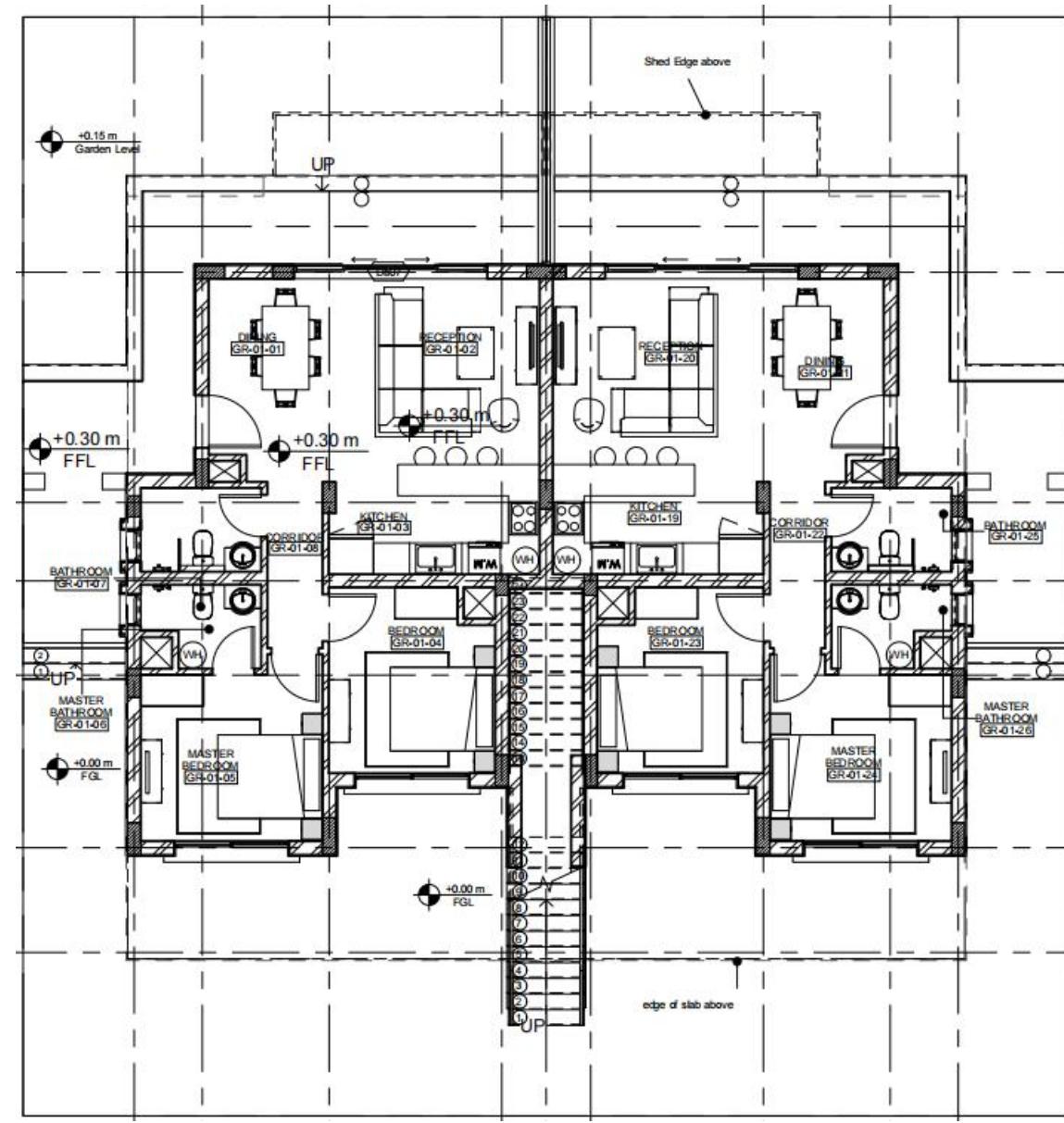
## BRIEF

Jefaira with its Tulum inspired architecture views and striking presence over a foliage of breathtaking landscape and flowing waters, living at Ayla kindles a warm and welcoming living experience strategically paired with the advantages of proximity to nature, purposed to complement any modern lifestyle.

# PLANS

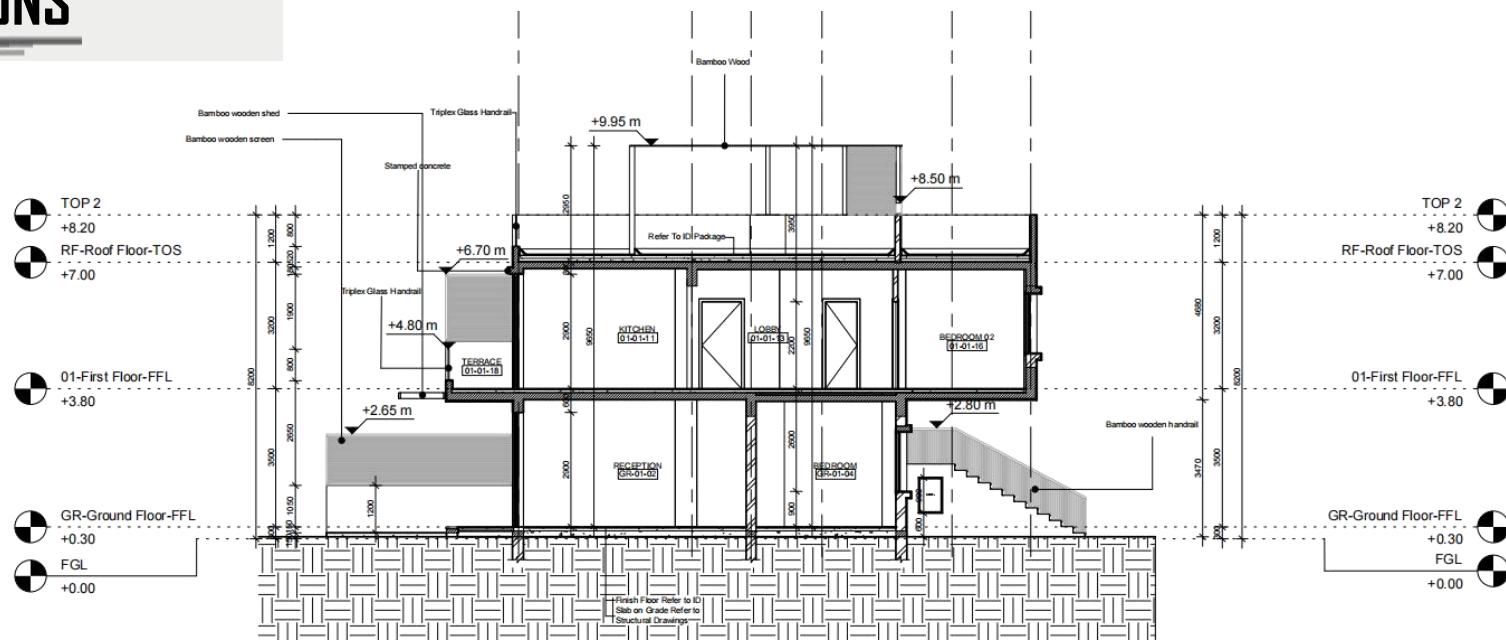


GROUND FLOOR

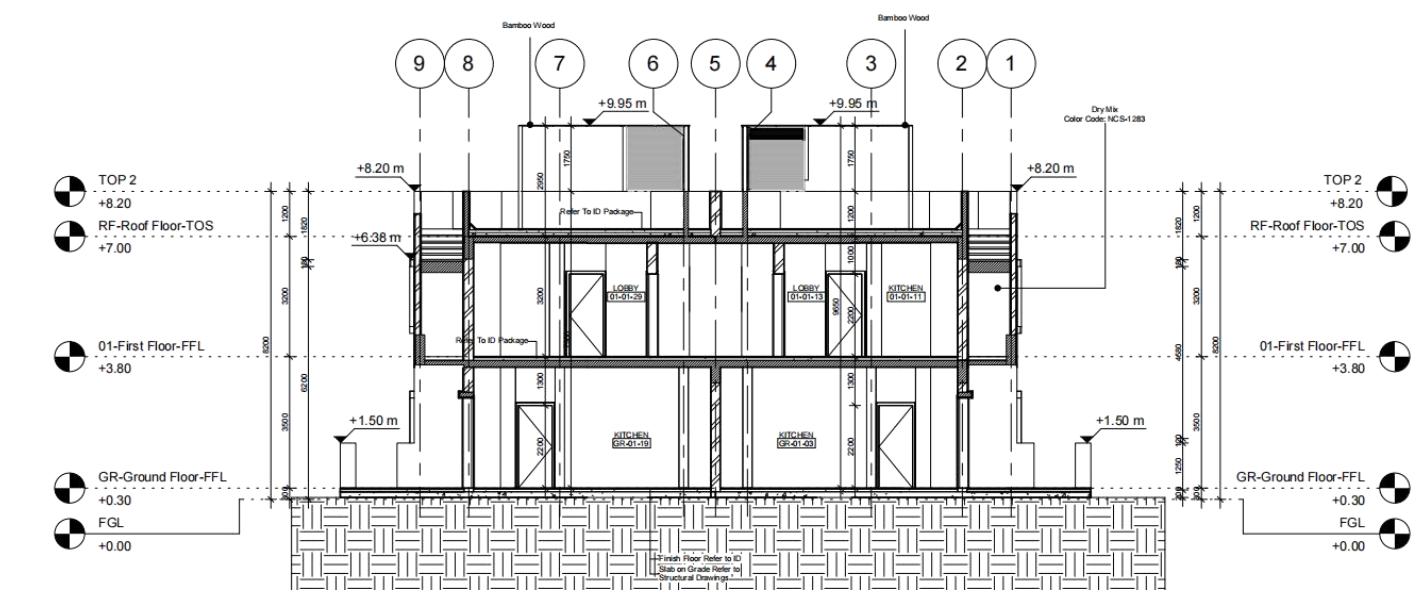


FIRST FLOOR

# SECTIONS

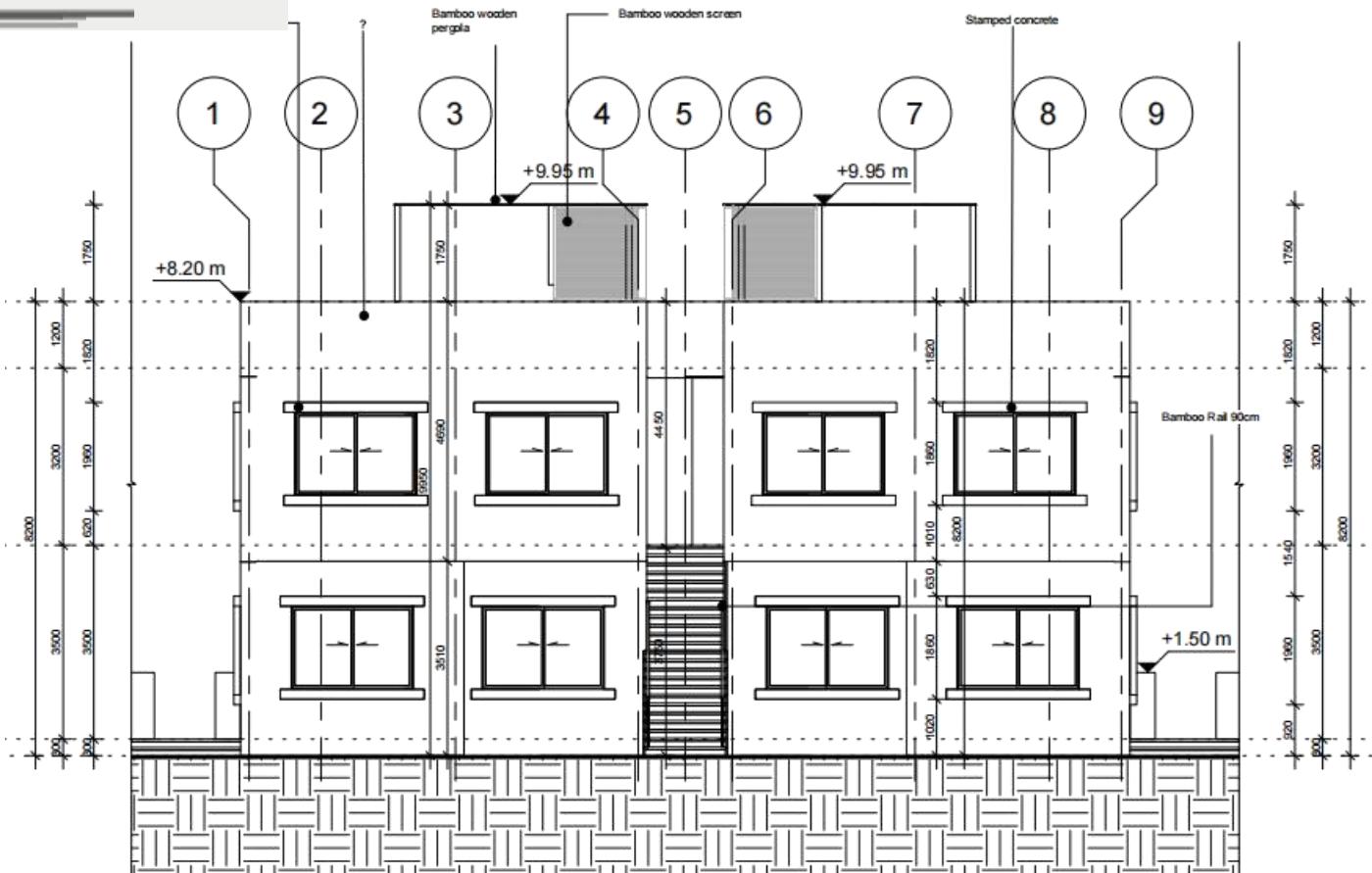


SECTION AA

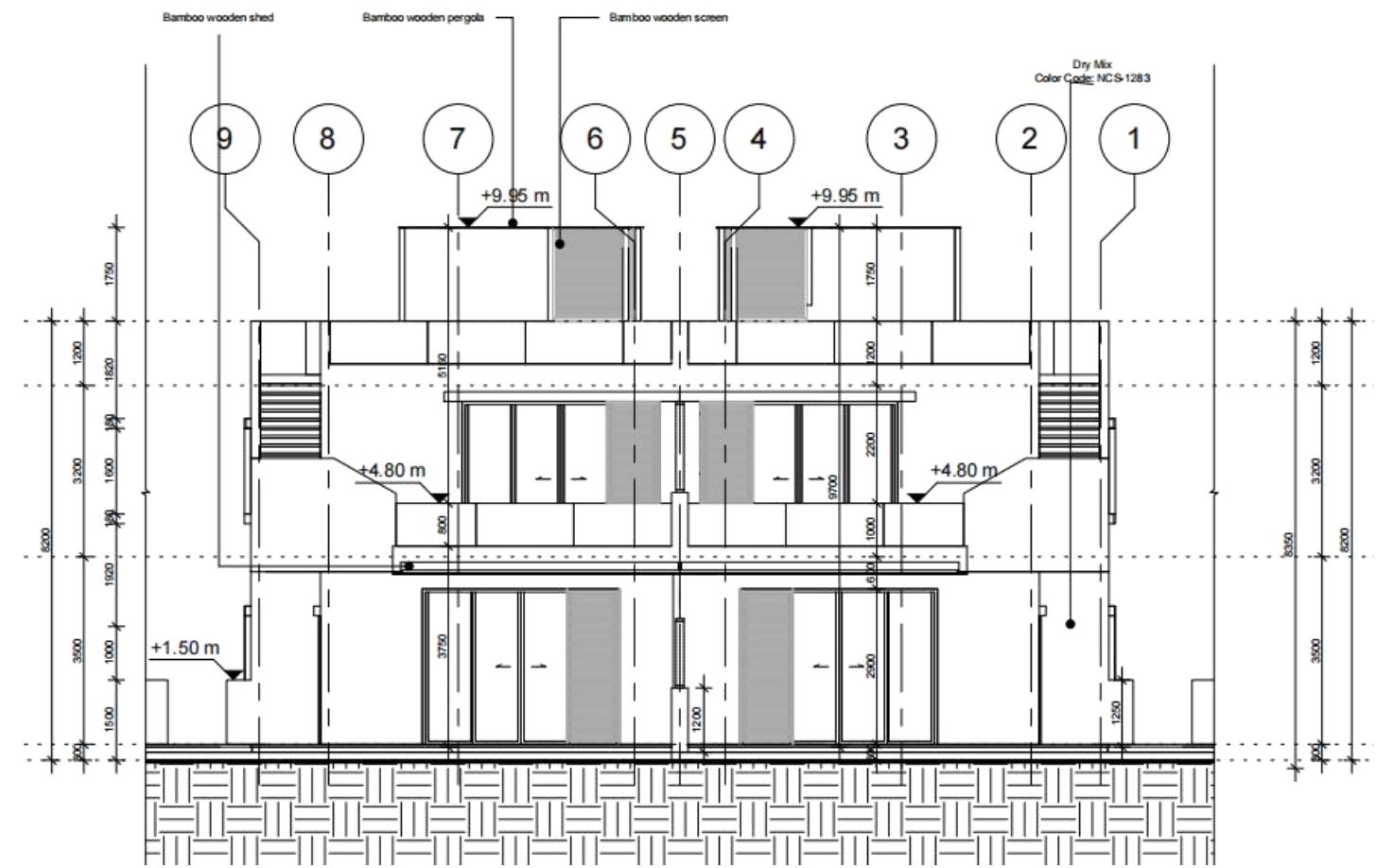


SECTION BB

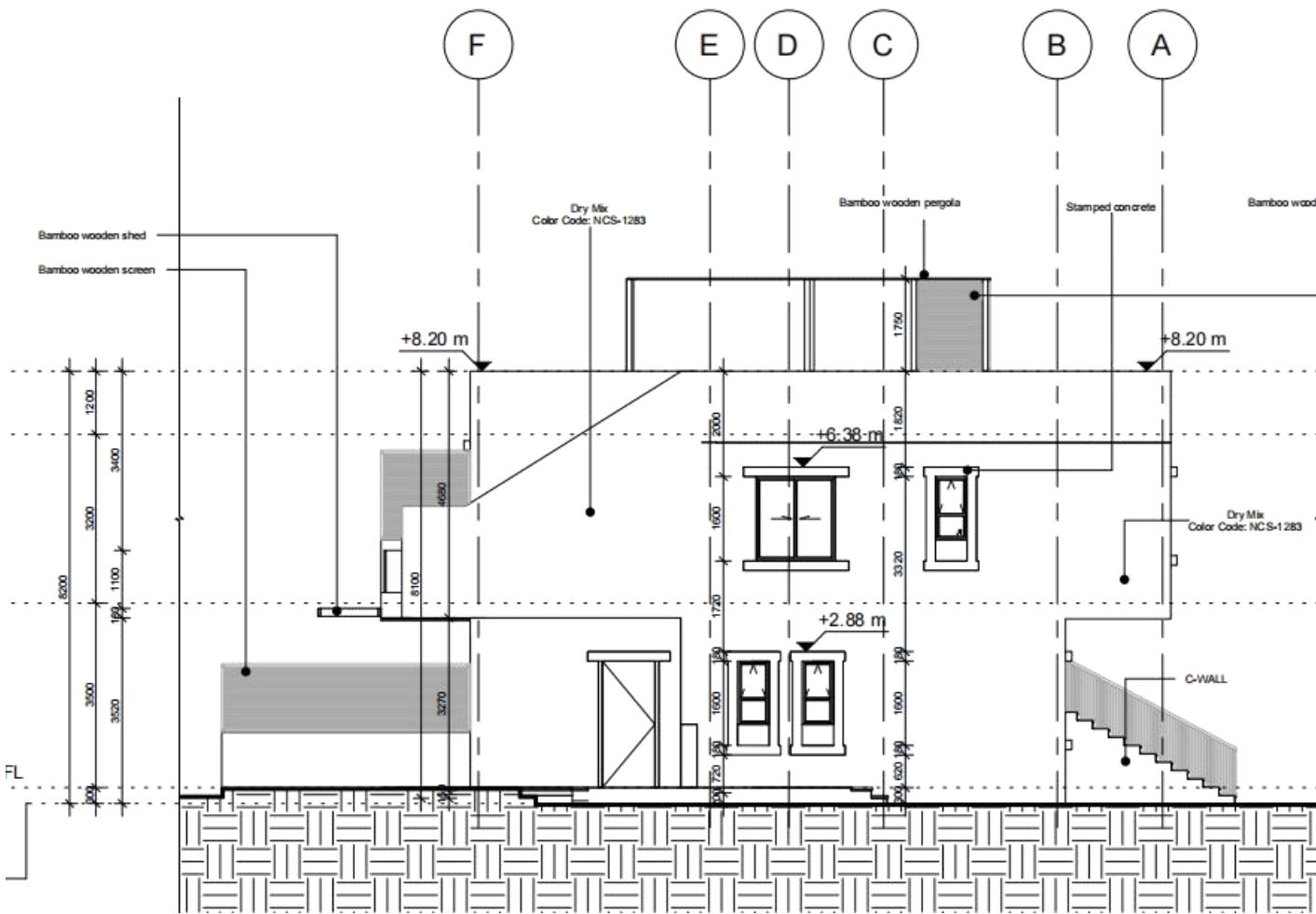
# ELEVATIONS



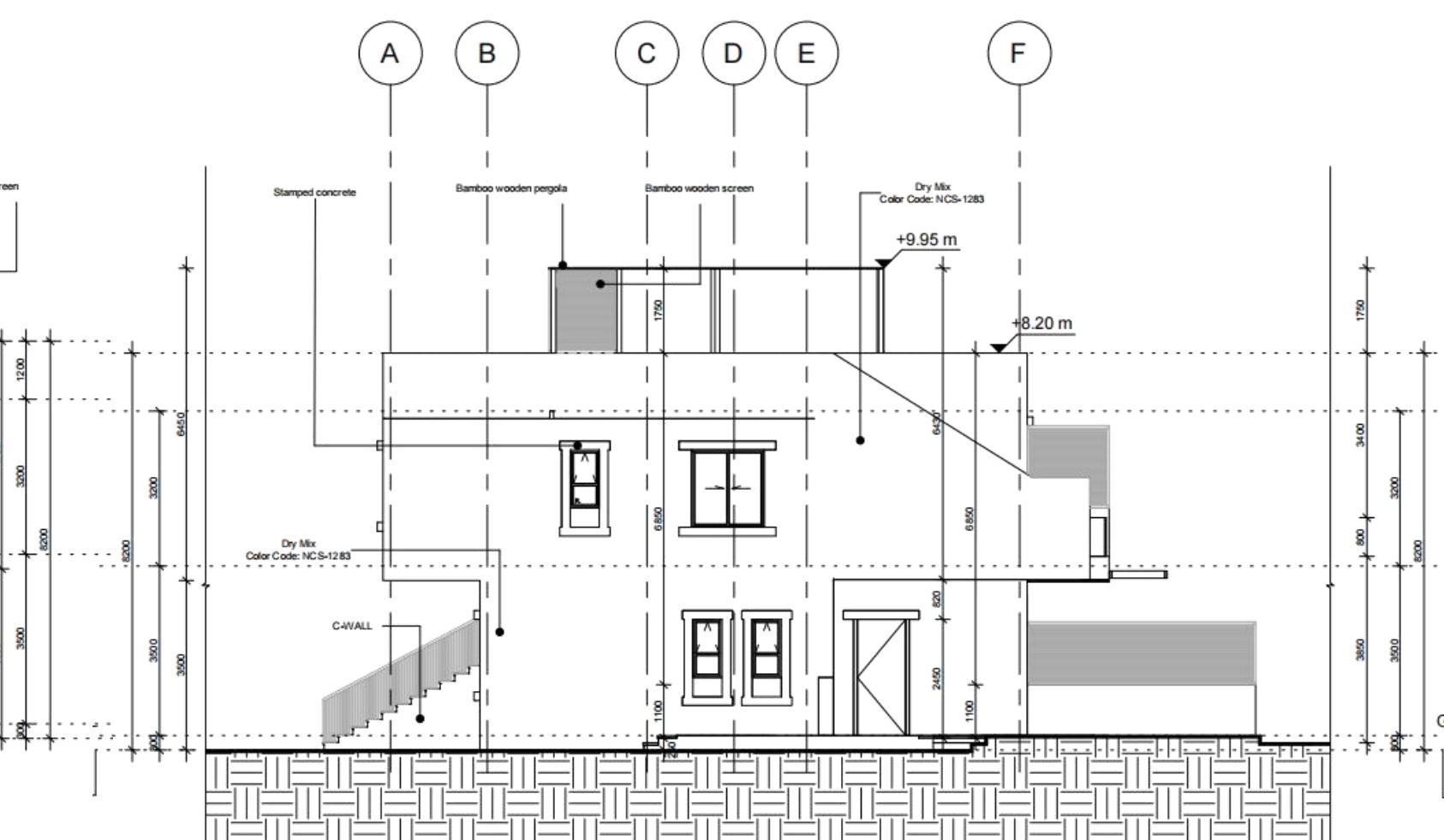
FRONT ELEVATION



BACK ELEVATION



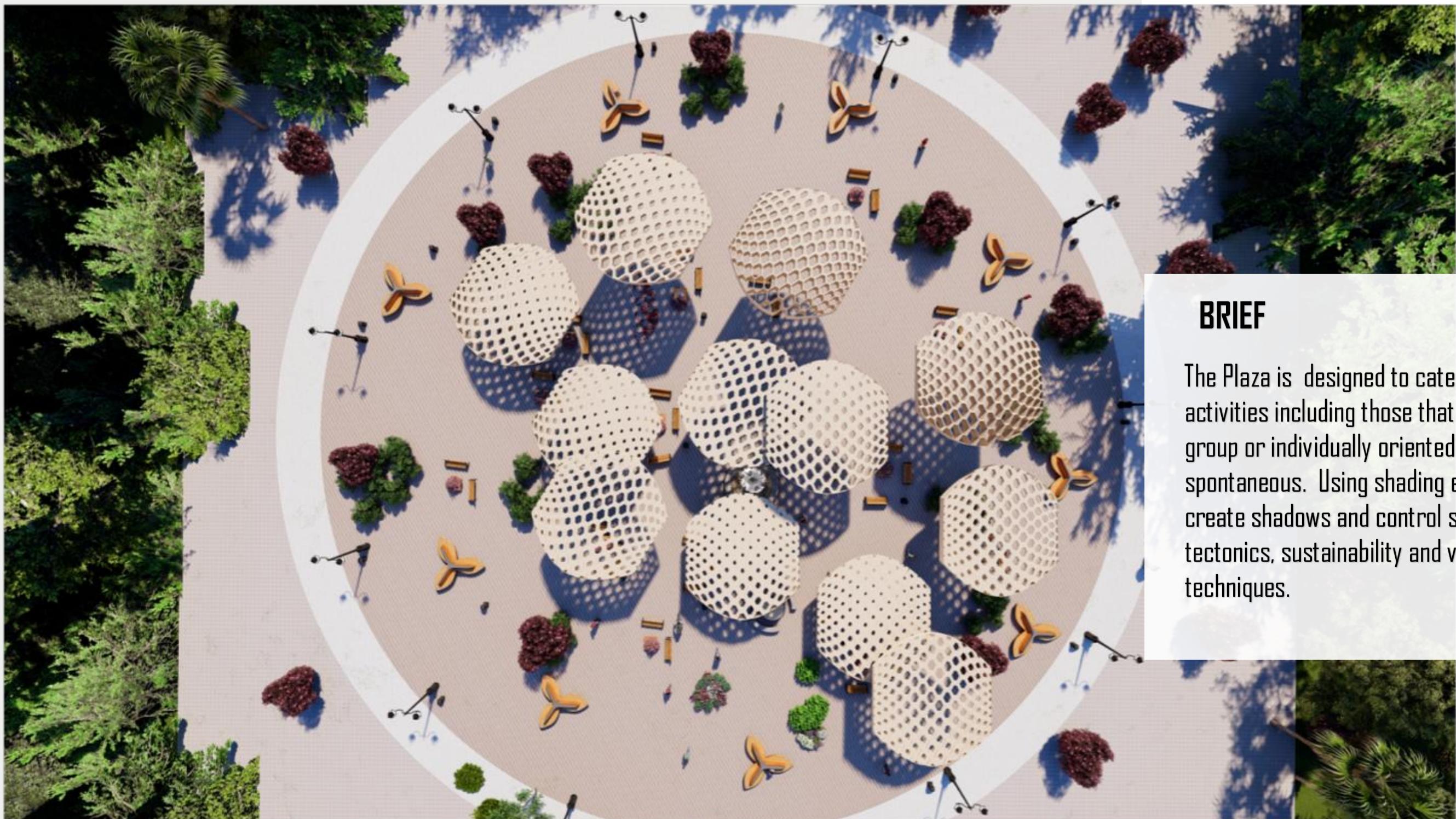
RIGHT ELEVATION



LEFT ELEVATION

# COMMUNICATION HUB PLAZA

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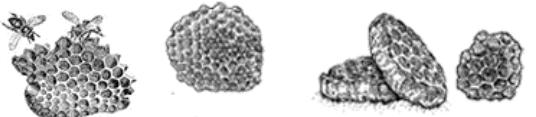
## BRIEF

The Plaza is designed to cater a diverse set of activities including those that are active or passive, group or individually oriented, and planned or spontaneous. Using shading element that Turning to create shadows and control solar heat gain Exploring tectonics, sustainability and vernacular construction techniques.

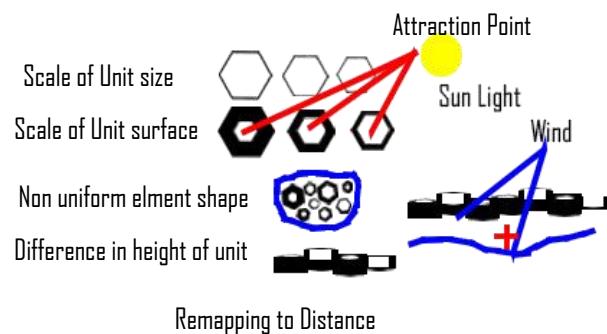
## SOURCE OF CONCEPT



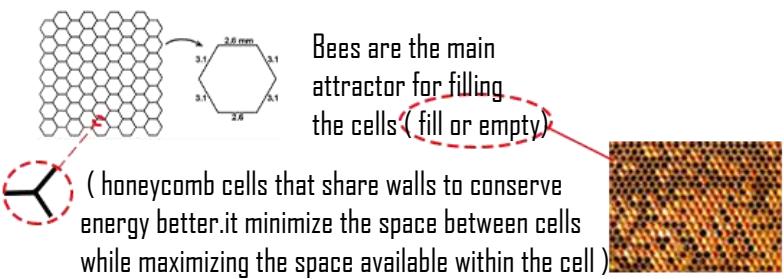
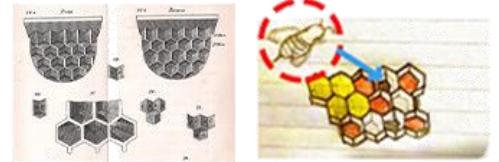
Concept is inspired from the bee's honeycomb and how its well organized hexagon cells are filled by bees showing the bee filling some cells and leaving others, covering them with propolis which is used for protection .



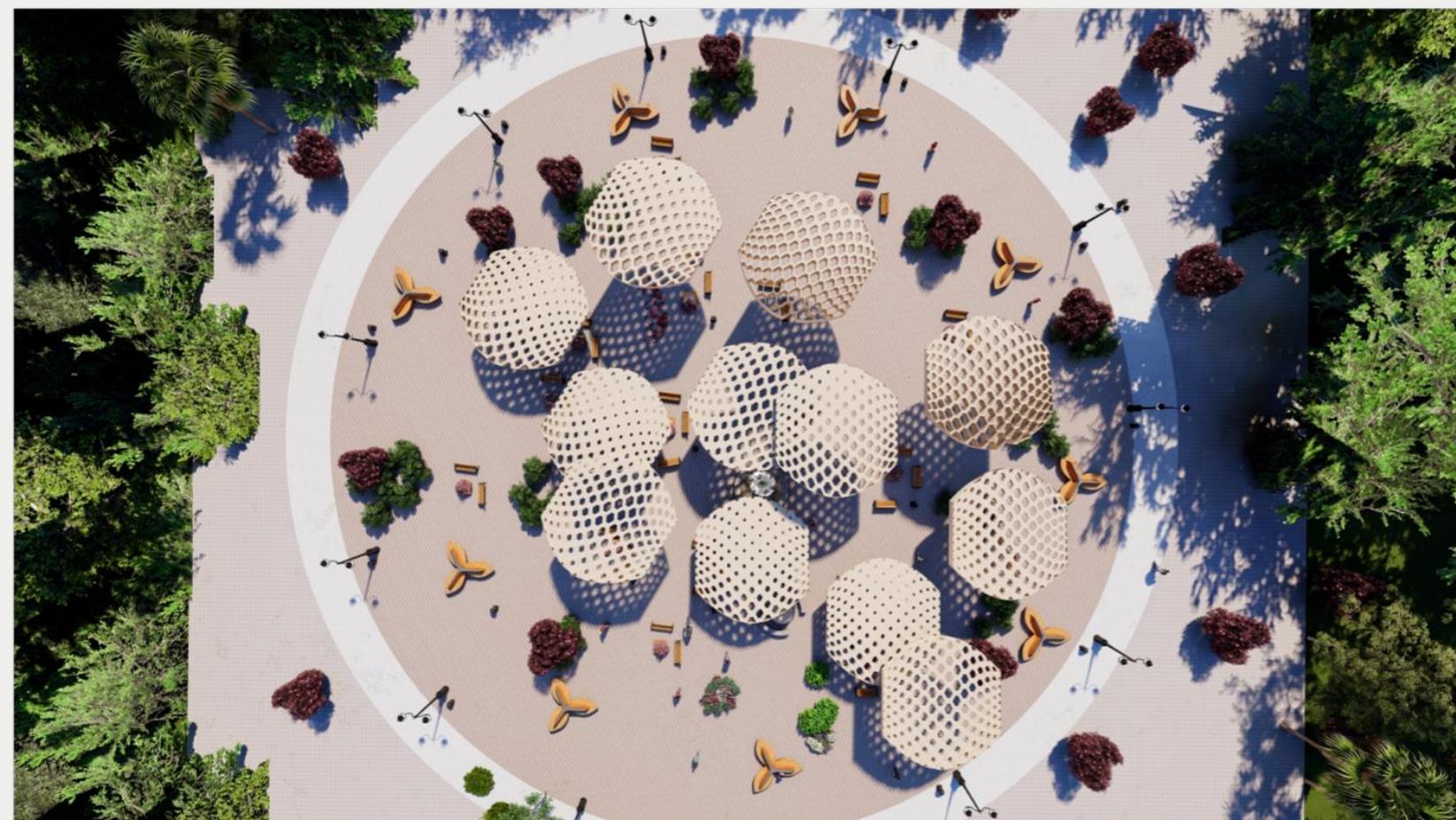
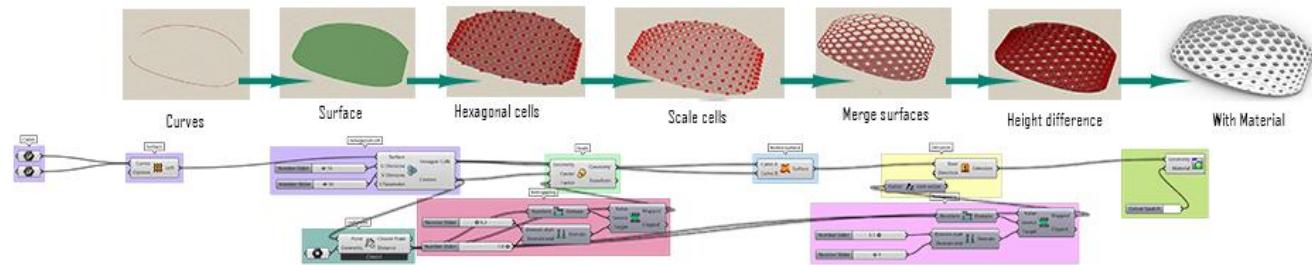
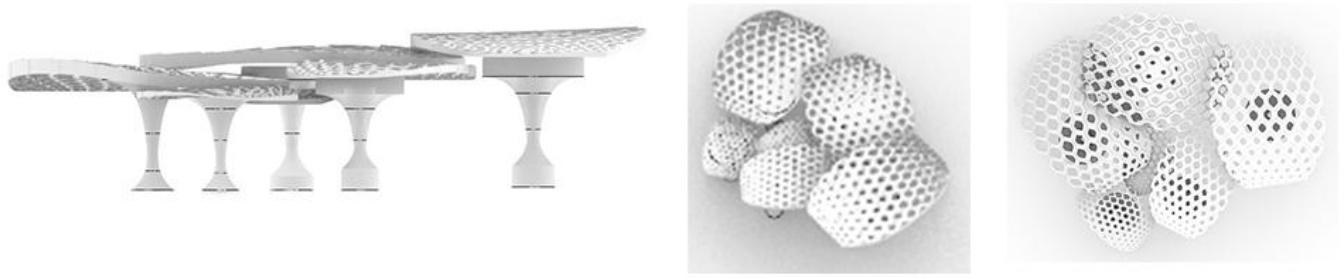
## PARAMETERS EXREACTION



## CONCEPT ANALYSIS



## ALGORITHM



# THANK YOU

*Rania Hany* 