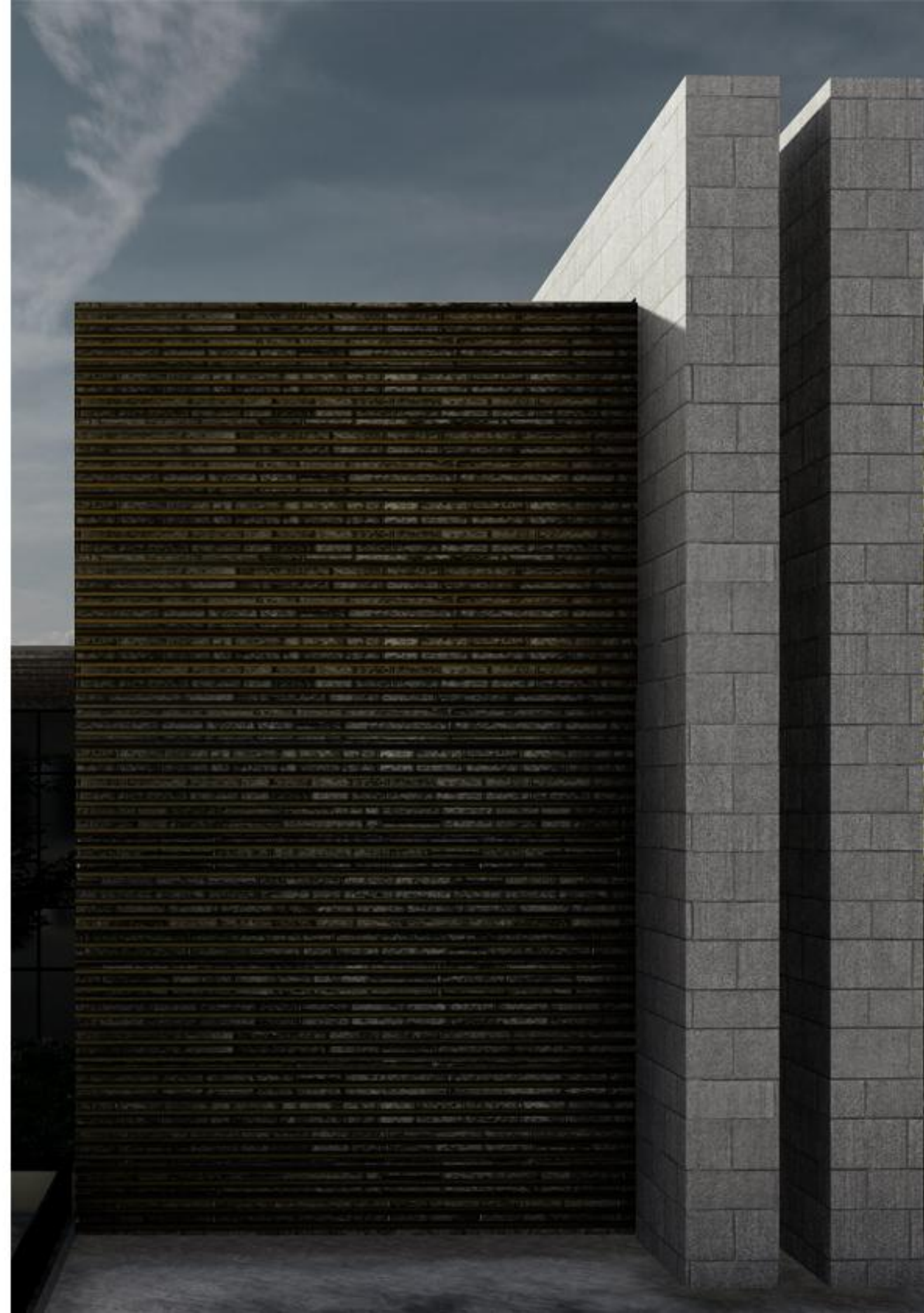


PORTFOLIO

Rania Hany



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

SKILLS

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

PROEFFICIENCY

| | |
|------------|------------------------|
| AutoCAD | <div><div></div></div> |
| Revit | <div><div></div></div> |
| Photoshop | <div><div></div></div> |
| Rhino | <div><div></div></div> |
| BIM system | <div><div></div></div> |
| Sketchup | <div><div></div></div> |
| Lumion | <div><div></div></div> |
| Office | <div><div></div></div> |
| 3Dmax | <div><div></div></div> |
| Corona | <div><div></div></div> |

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
09/2017 - 07/2022

GPA : 3.27

Cairo , Egypt

— B.Sc. of Architecture & Urbanism

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

Dual Degree

London , England

— American Diploma

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

Riyadh , Saudi Arabia

TABLE OF CONENT

CUI-CAR

PETROBEL

BUSNIESS CENTER

K.H. RESIDENCE

JEFAIRA LAGOONS

COMM. PLAZA

CUI-CAR TECHNOLOGY PARK

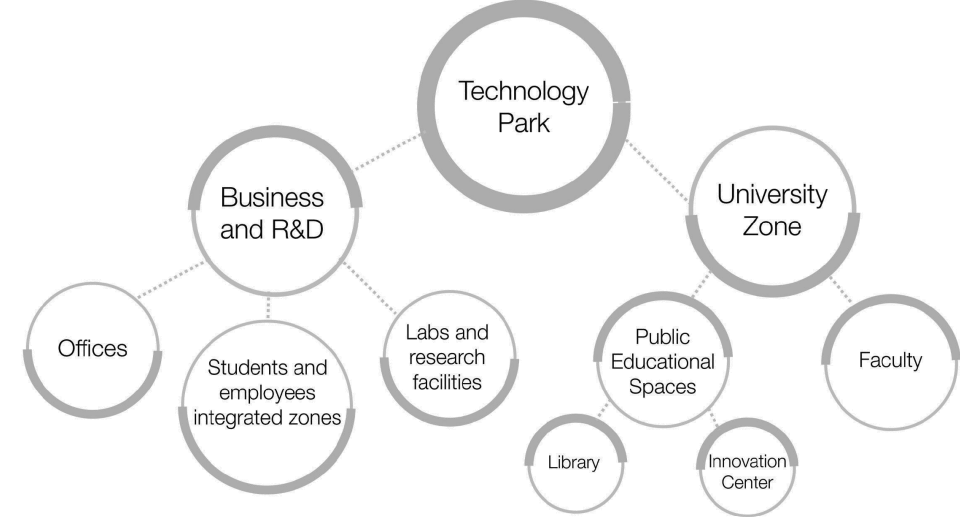


BRIEF

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.

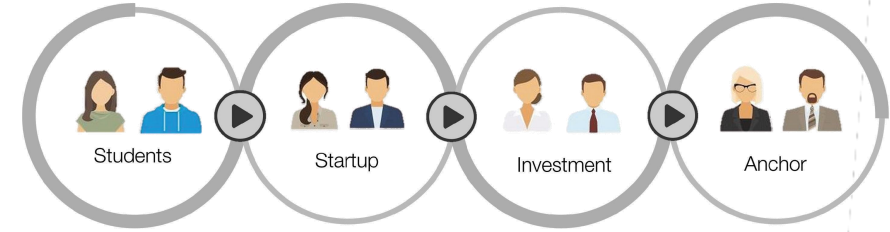


GOALS



A REVOLUTIONARY EXPERIENCE

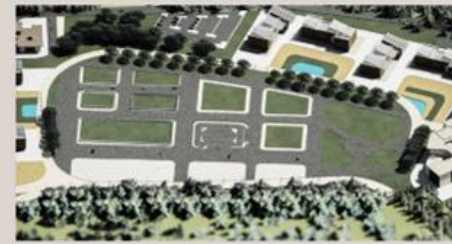
MISSION



TN 2+3 BUSINESS ZONE



TN 3 INNOVATION ZONE



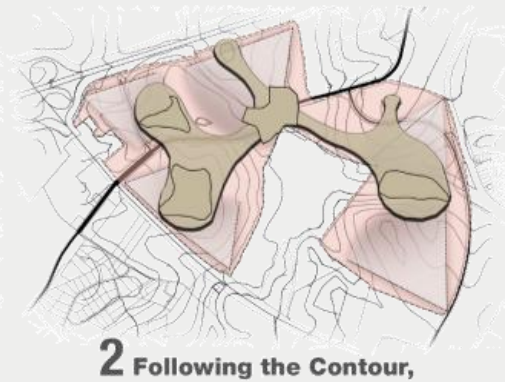
TN 4 EDUCATIONAL ZONE



TN 5 COMMUNITY ZONE



TECHNOLOGY NEIGHBORHOODS



2 Following the Contour, The central plazas are elevated to be clearly viewed from all zones



Community Zone:
Includes an Attractive
Exhibition showing from the
Interstate.
A **Drive-in Cinema** for
Engaging The Community.
A **Sustainable Driving School**
to Add Responsible Habits to
The Community.

Business Zone:
Includes Luxurious Offices for Main
Enterprises, Stock Market, and All Ser-
vices Needed.
**Anchor offices, investment offices &
startup offices.**

Faculties Zone:
Includes **Faculty**, innovation
center, library & sports

Innovation Zone:
Includes **smart track**, research center,
innovative labs, offices and data center for
new innovations for students & business
sector

"Put Employees at The Heart of The
Products They Develop. Make Them
Feel at Home."



5 Forming plazas based on contour



6 Refining shape into geometric shapes and connecting between them forming main path



7 Flowy lines to inhance user experience taking ino account the SRT



8 Grid lines

BUSINESS 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.

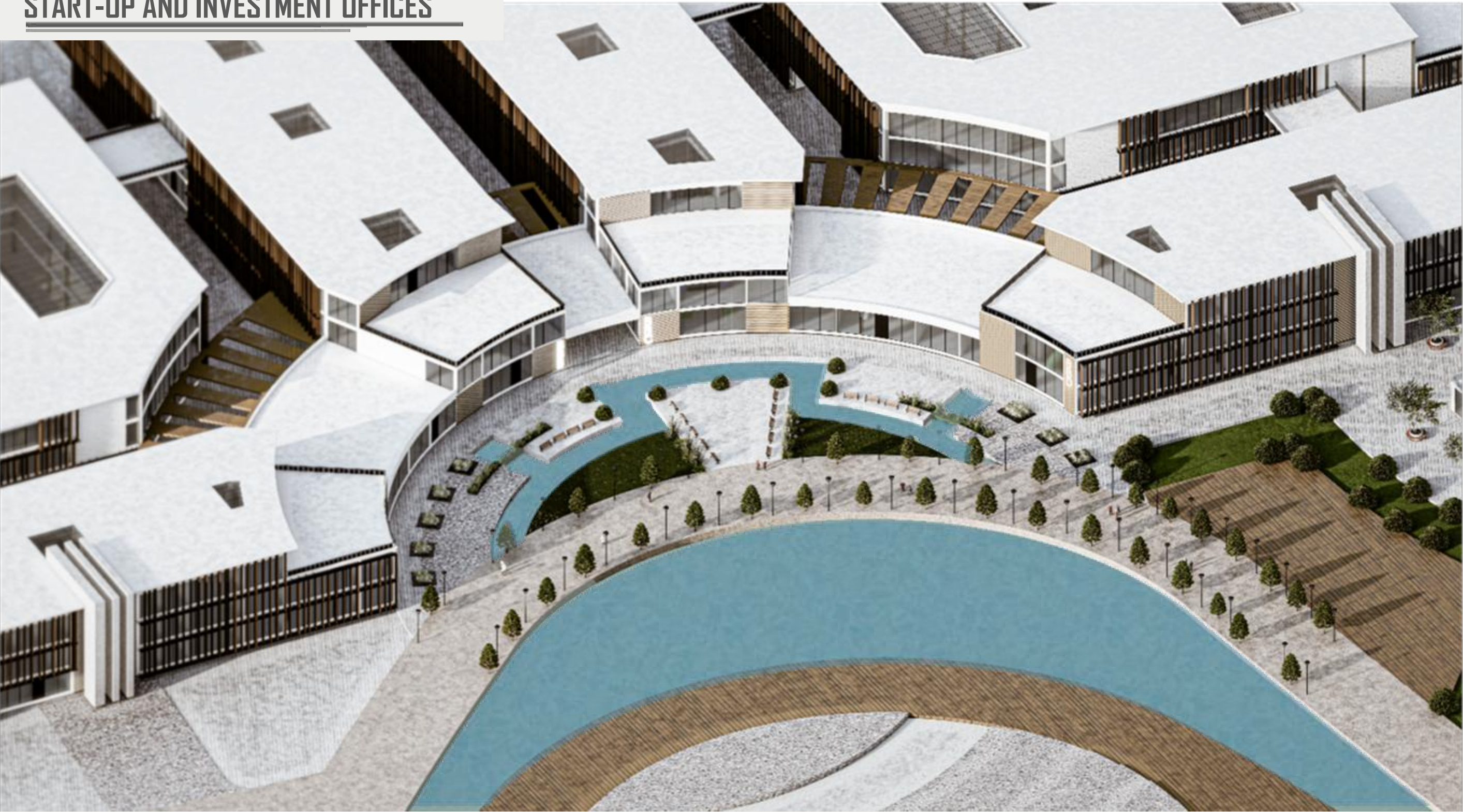


PROJECTS

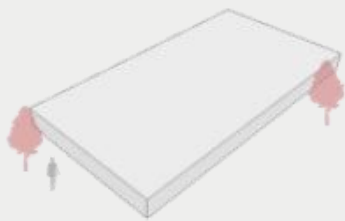
- 1-Anchor office
- 2-Anchor office
- 3-Anchor office
- 4-Recycling and trading center
- 5-Stock market
- 6-Convention center
- 7-Startup and investment office
- 8-Restaurants and banks



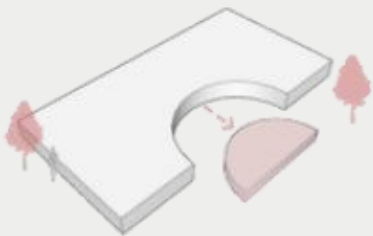
START-UP AND INVESTMENT OFFICES



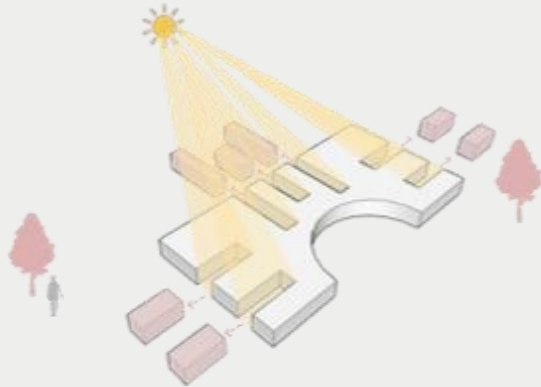
FORM GENERATION



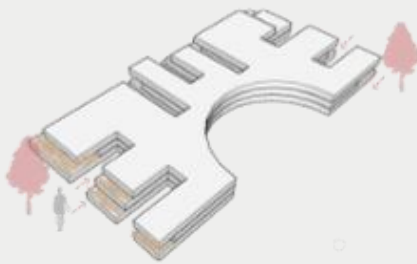
1. Cubic Mass



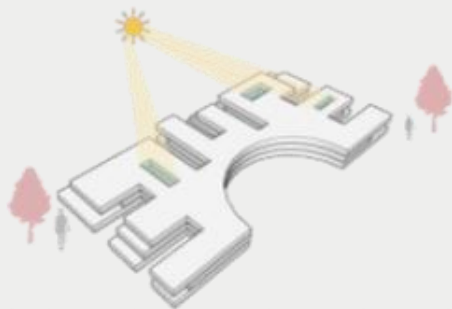
2.Removing the central semi-circular area to create a welcoming plaza



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



FRONT ELEVATIONS

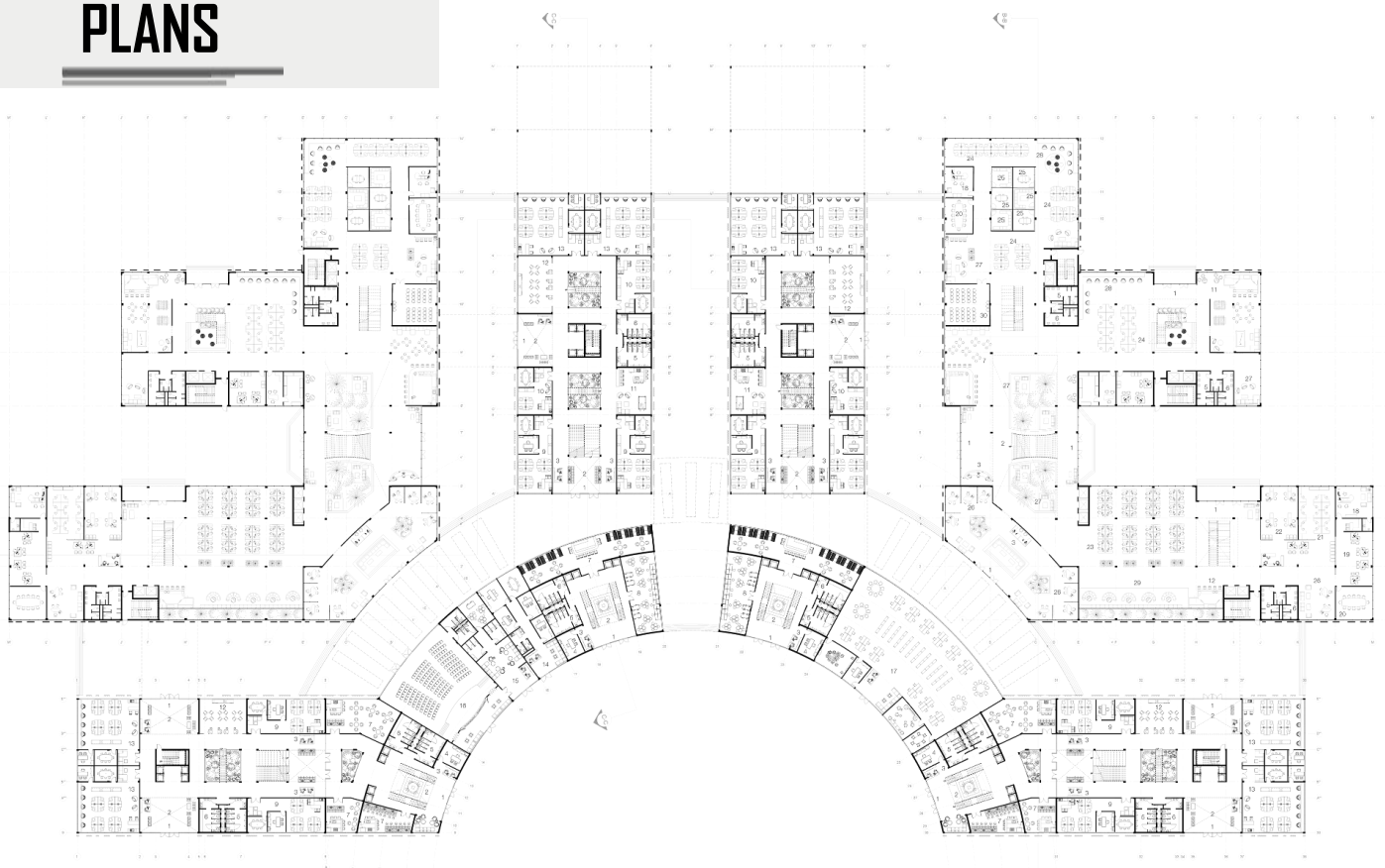




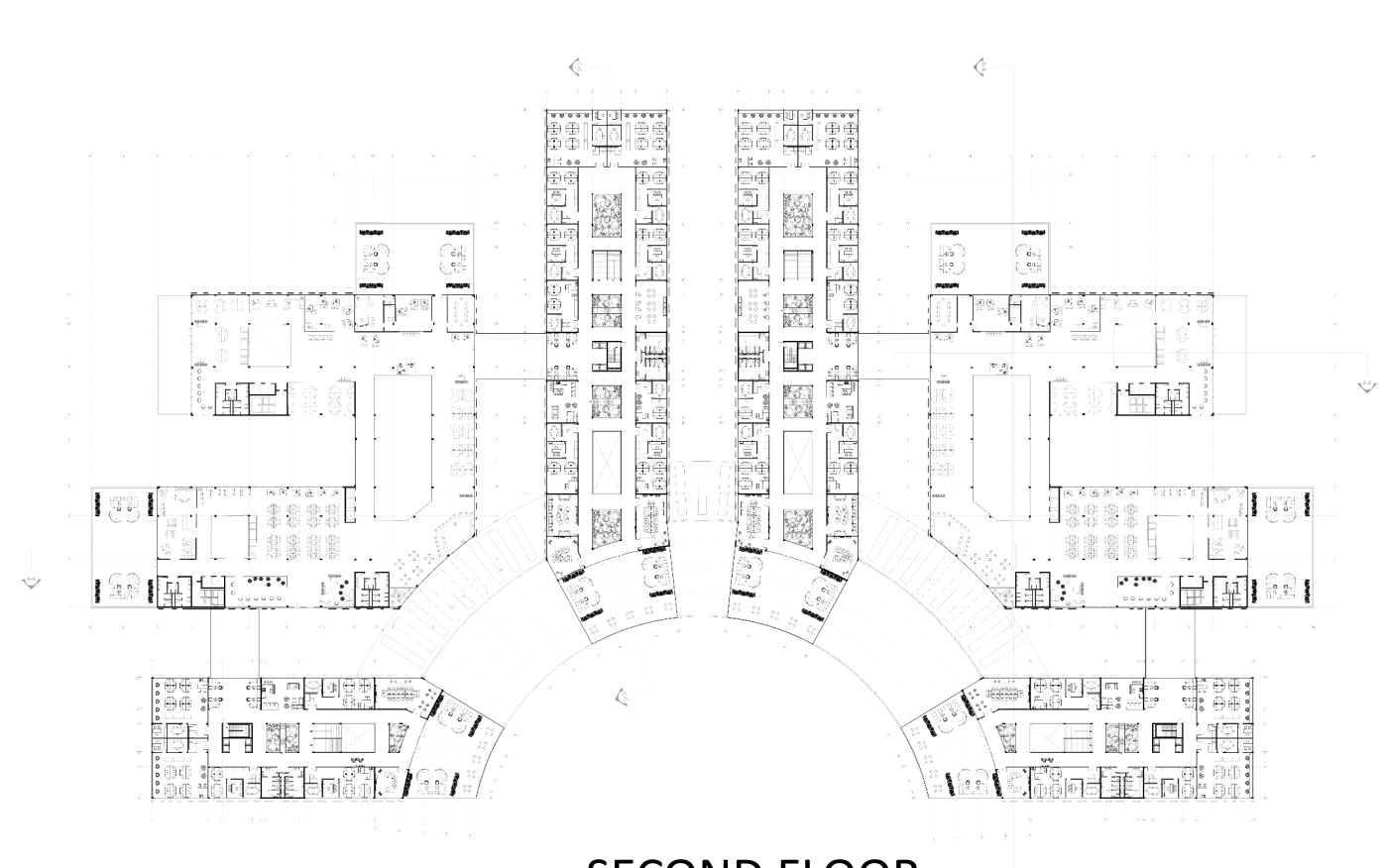
INTERIOR SHOTS



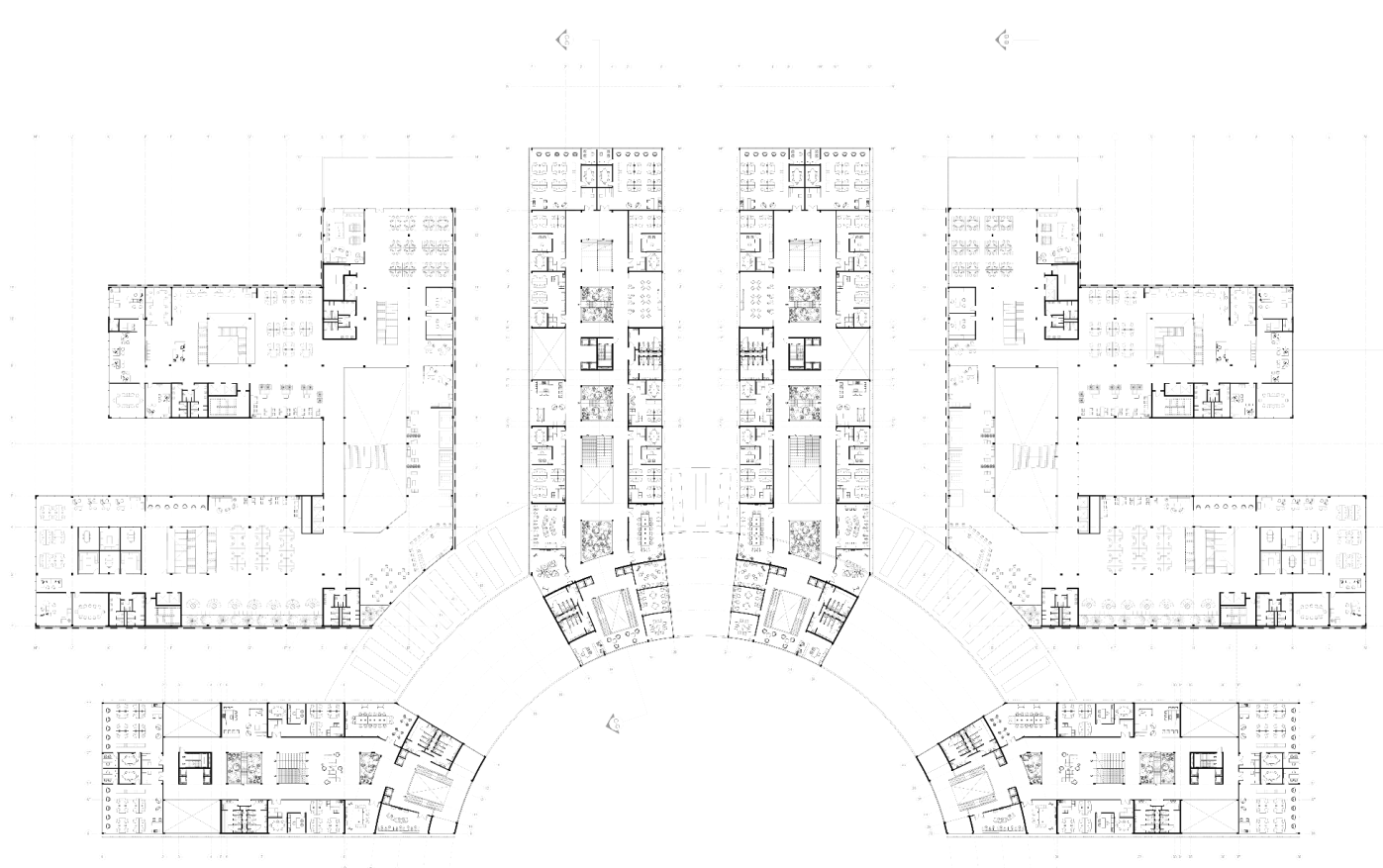
PLANS



GROUND FLOOR

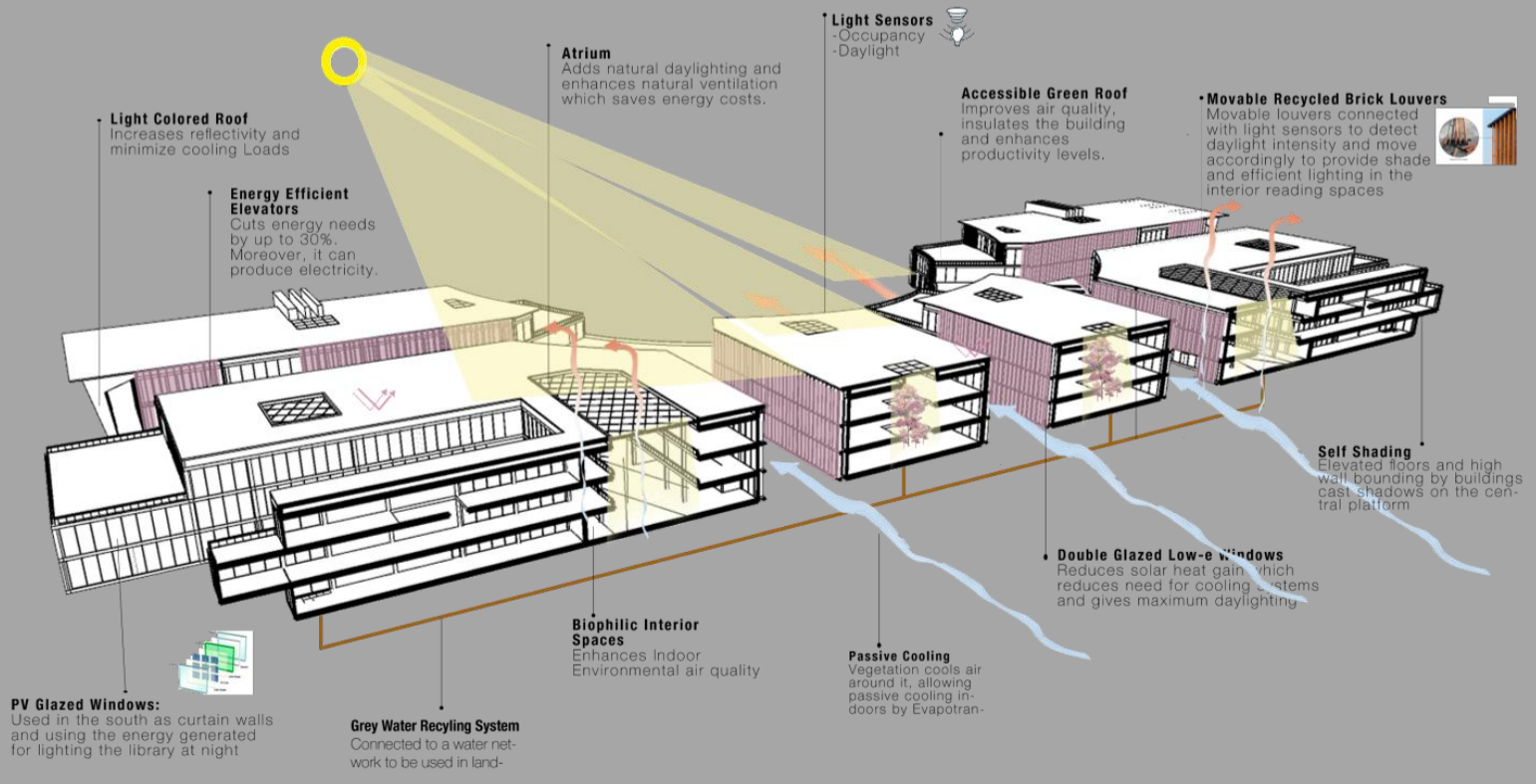


SECOND FLOOR



FIRST FLOOR

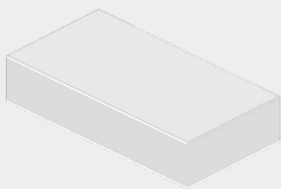
ENVIRONMENTAL STUDIES



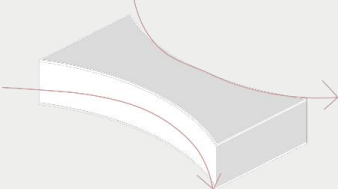
RESTURANTS AND BANKS



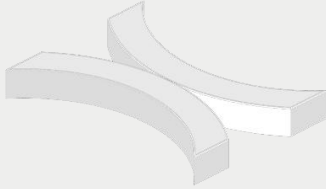
FORM GENERATION



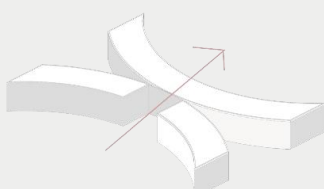
1. Cubic Mass



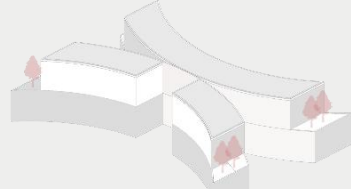
2. Respecting contour



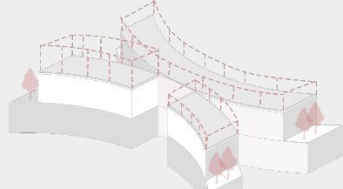
3. Forming two masses for two different uses



4. Main entrance and axe

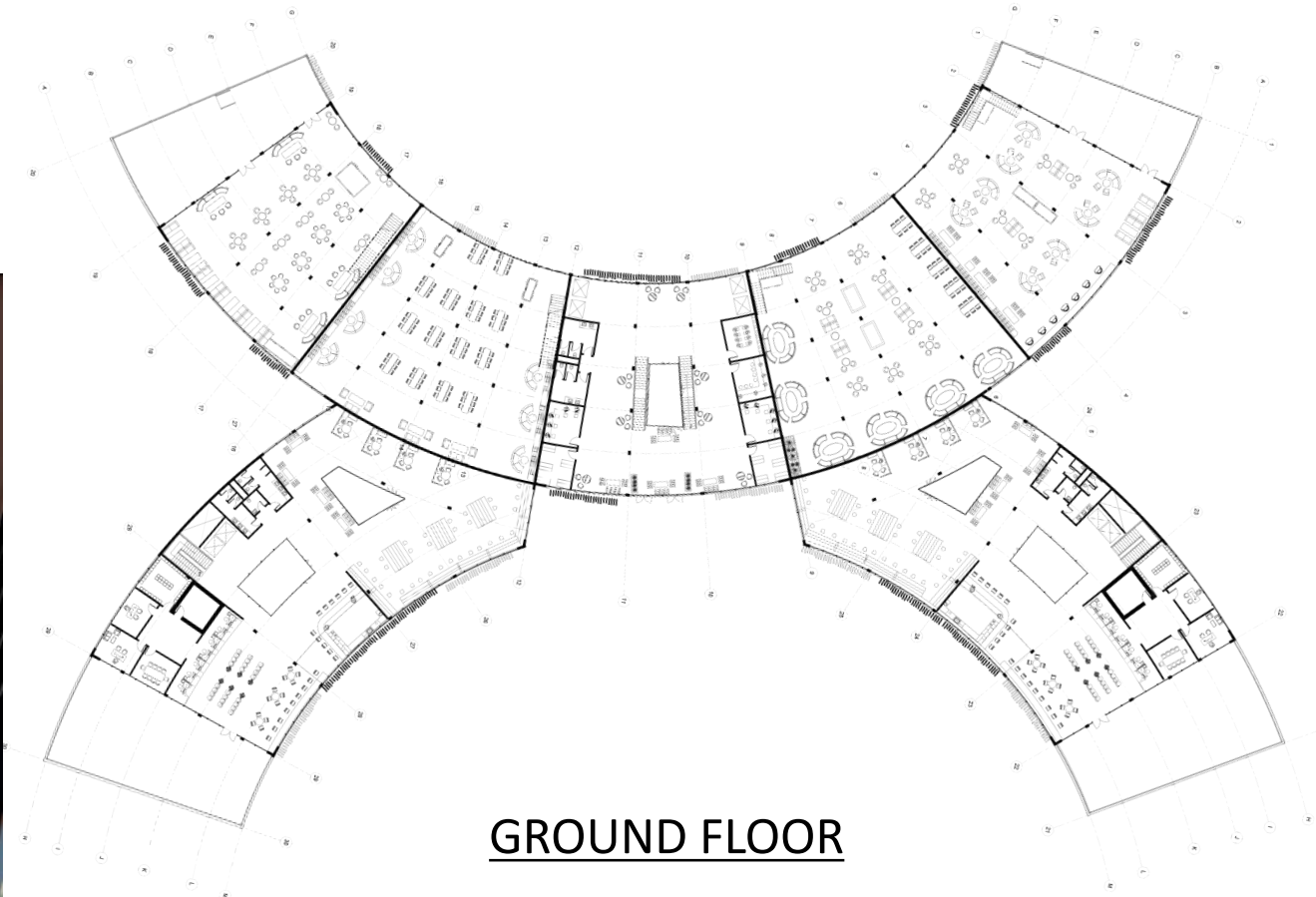


5. Adding outdoor terraces

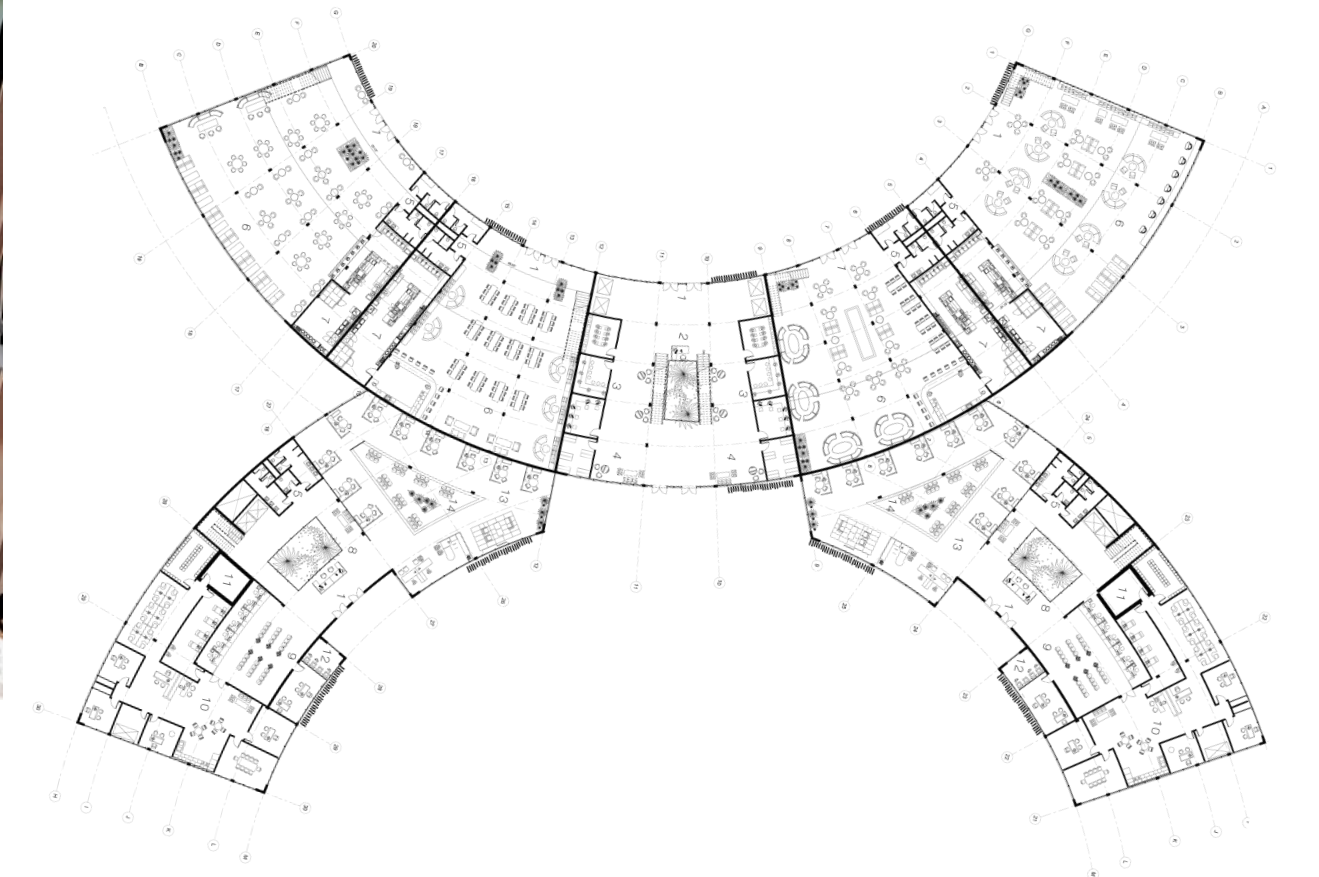


6, Adding expandable modules for future owners

INTERIOR SHOT

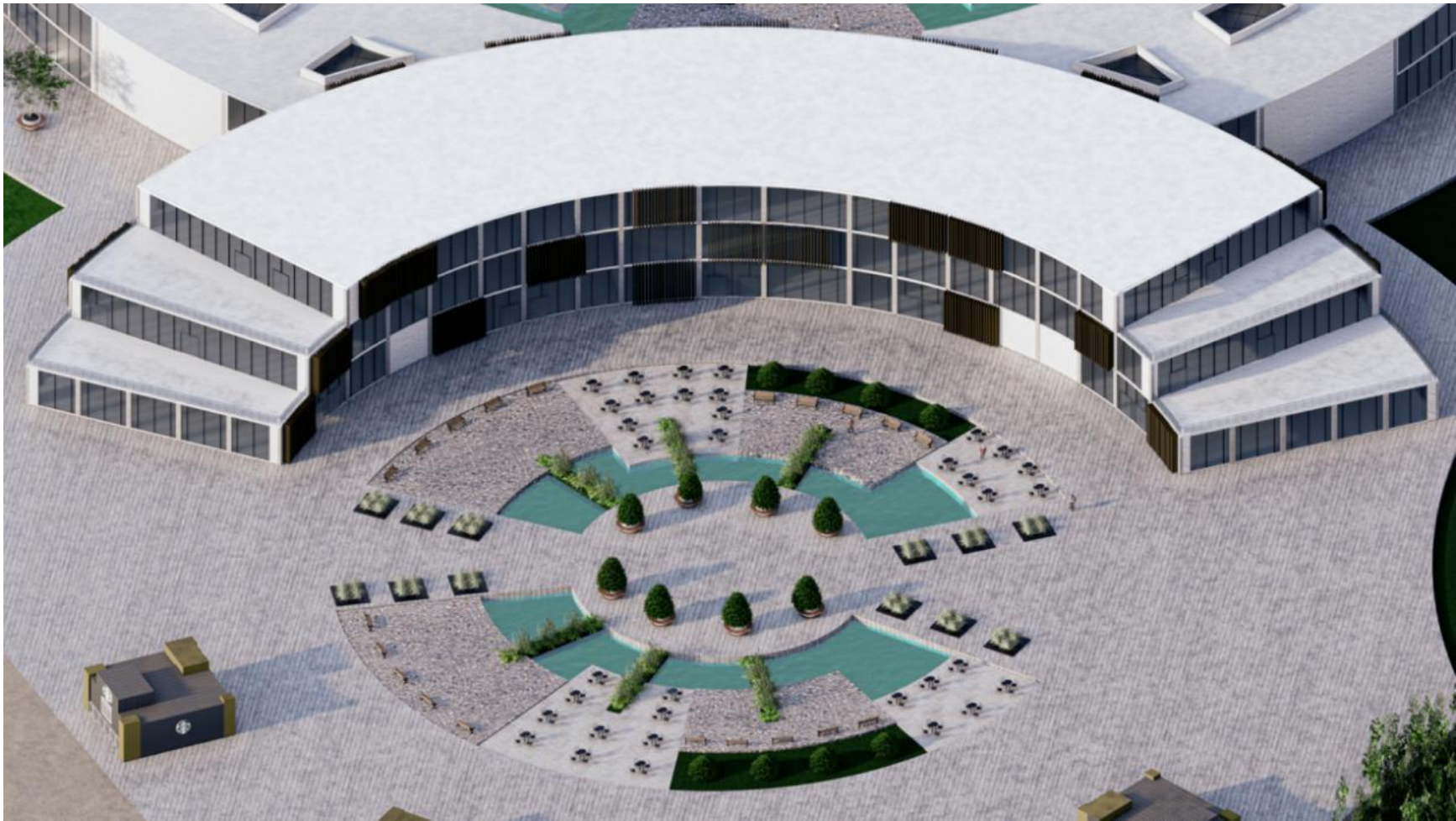


GROUND FLOOR



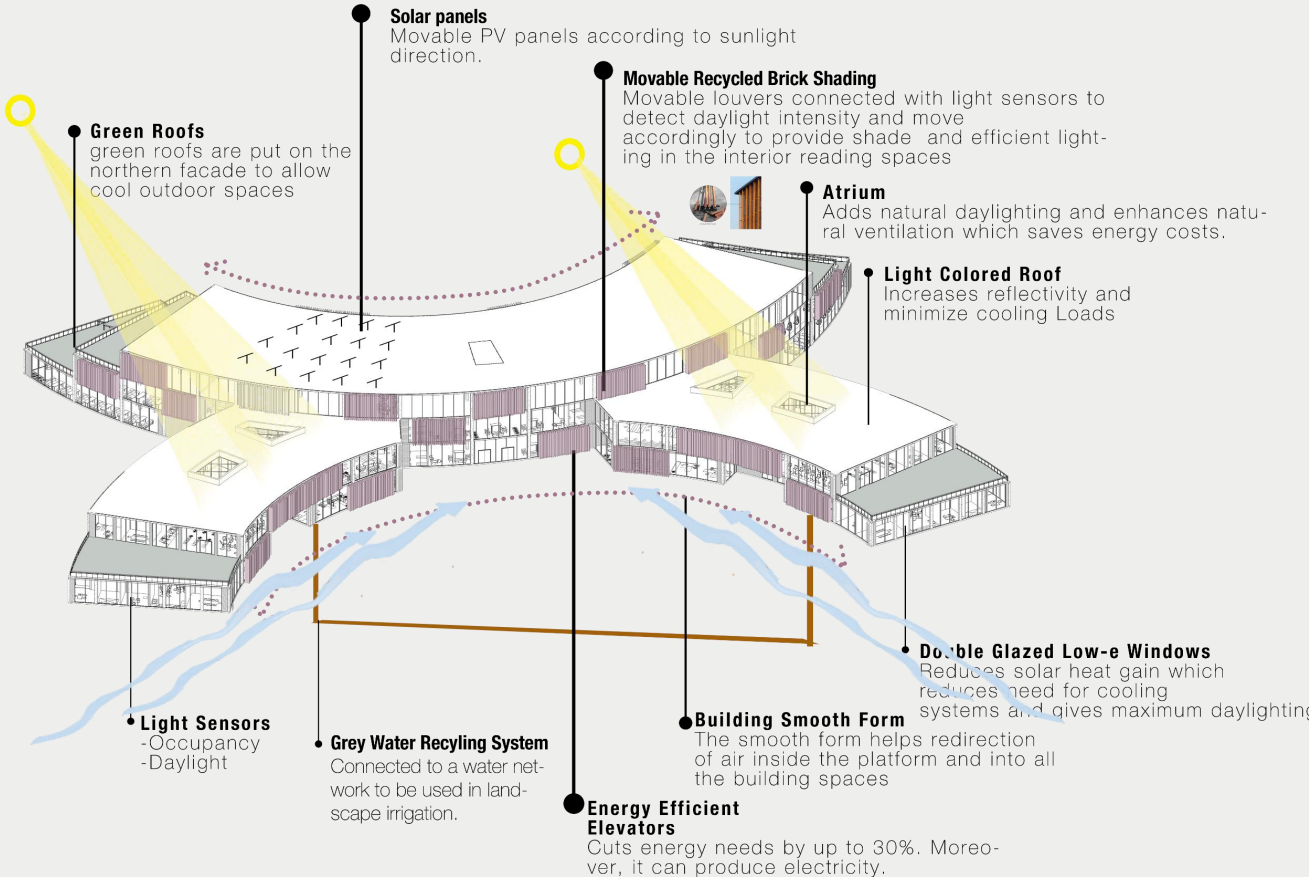
FIRST FLOOR

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

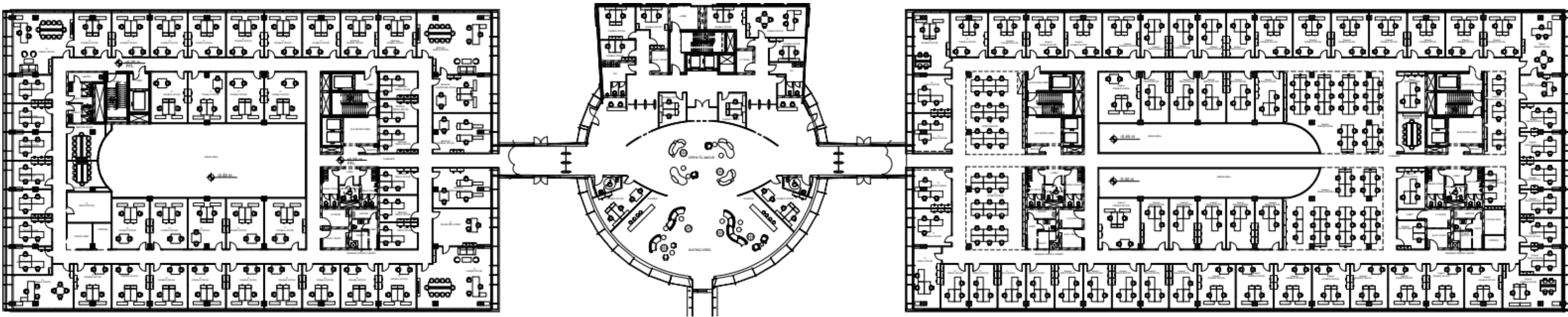


PETROBEL HEADQUARTER

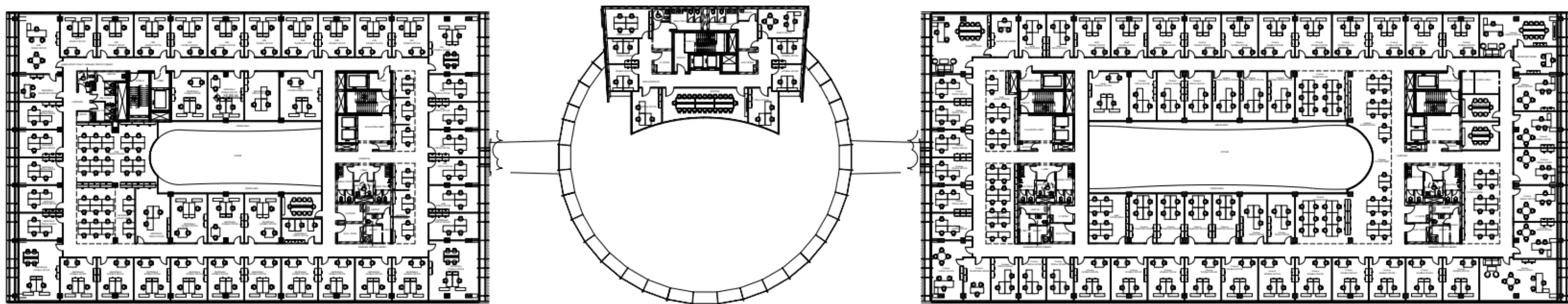


BRIEF

The Headquater is formed as a 3 Independeted 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.



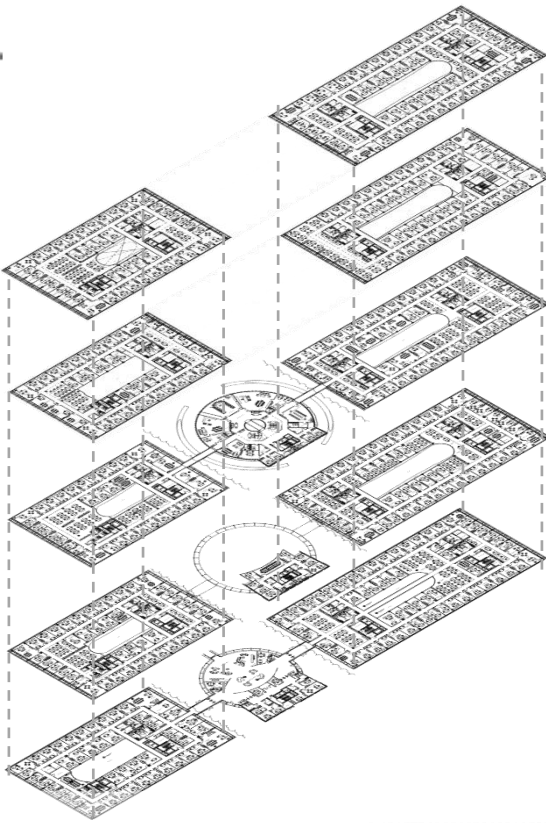
GROUND FLOOR



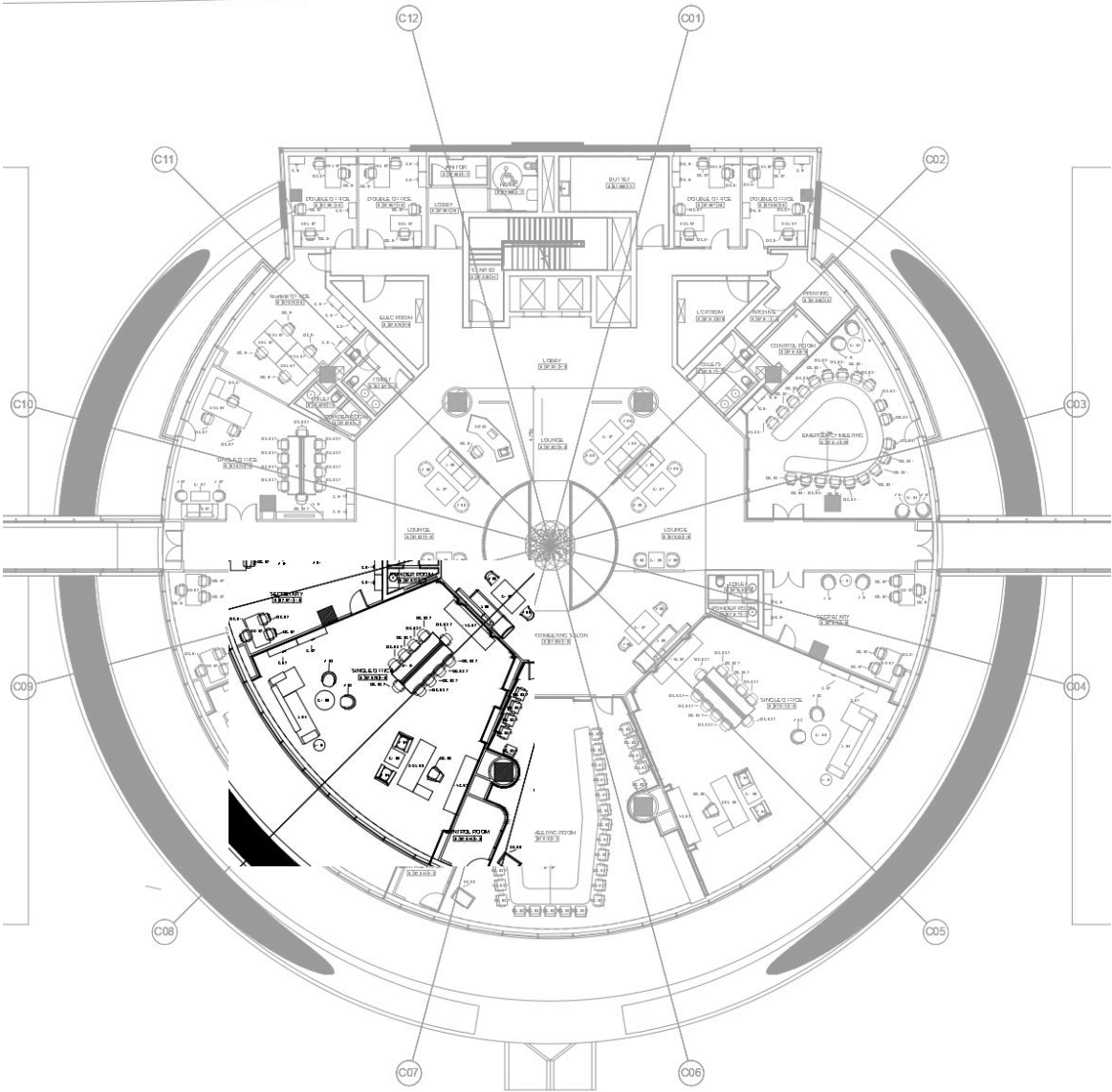
FIRST FLOOR



PLANS FORMATION



INTERIOR DESIGN



BUSINESS CENTER OFFICES



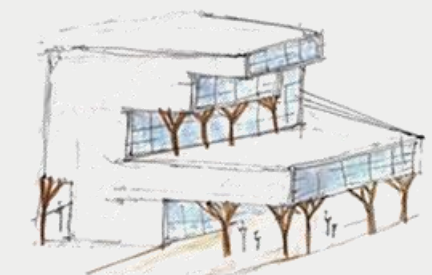
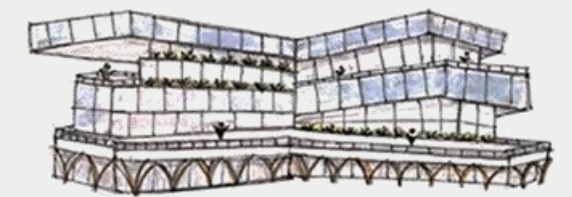
BRIEF

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

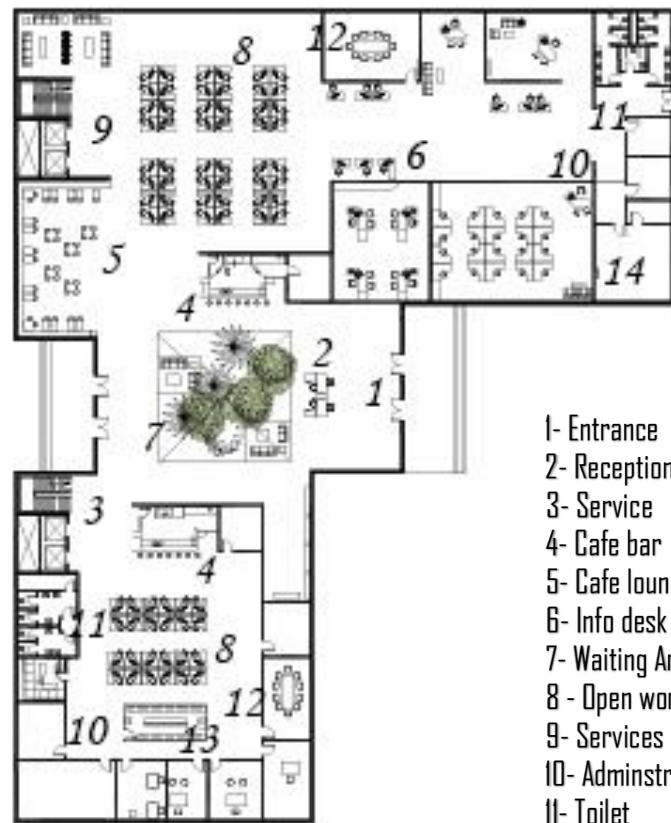


THEME

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.

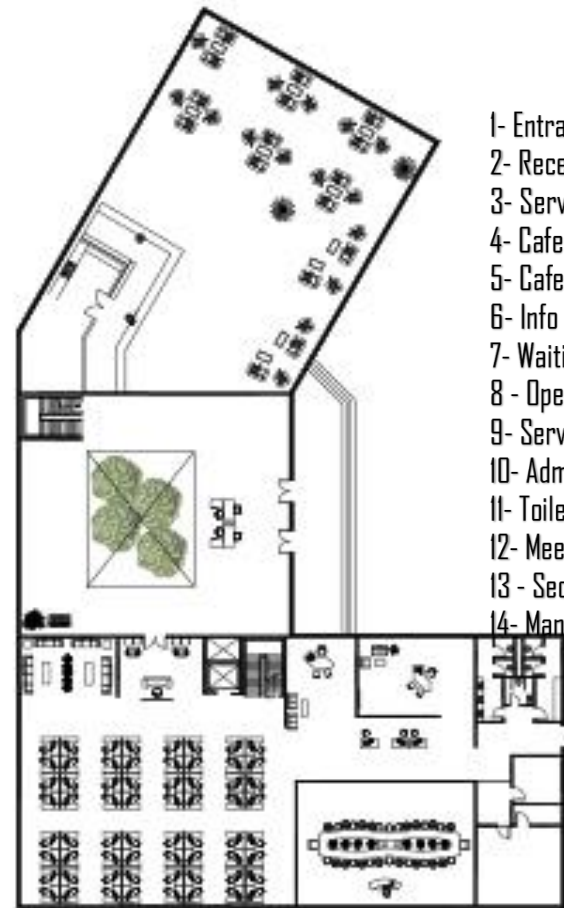


PLANS



Head Quarter

- 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- Adminstration Offices
- 11- Toilet
- 12- Meeting Room
- 13 - Server room
- 14- Payroll Room



Bank

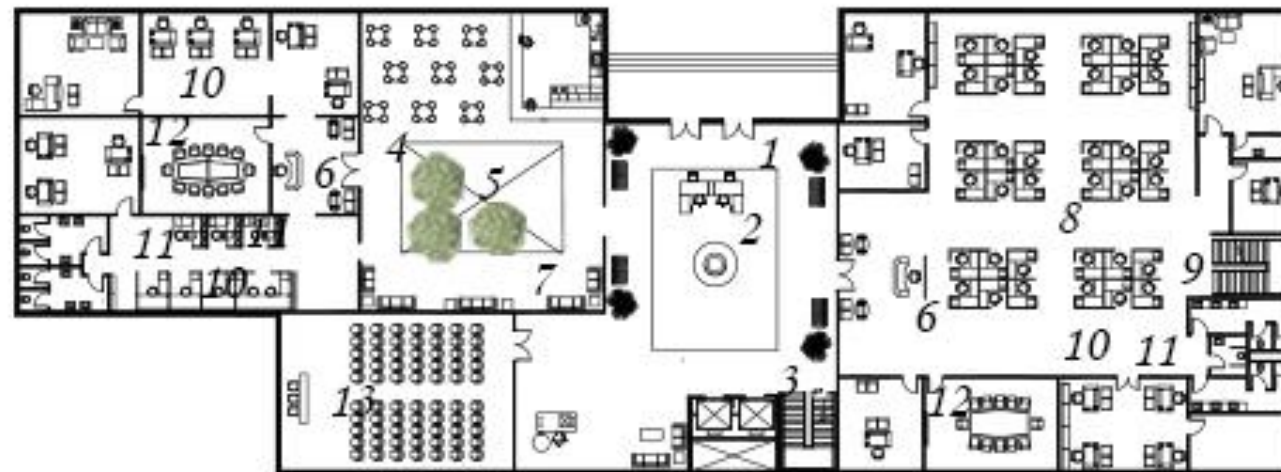
- 1- Entrance
- 2- Reception
- 3- Service
- 4- Cafe bar
- 5- Cafe lounge
- 6- Info desk
- 7- Waiting Area
- 8 - Open working area
- 9- Services
- 10- Adminstration Offices
- 11- Toilet
- 12- Meeting Room
- 13 - Secretary
- 14- Manager Room



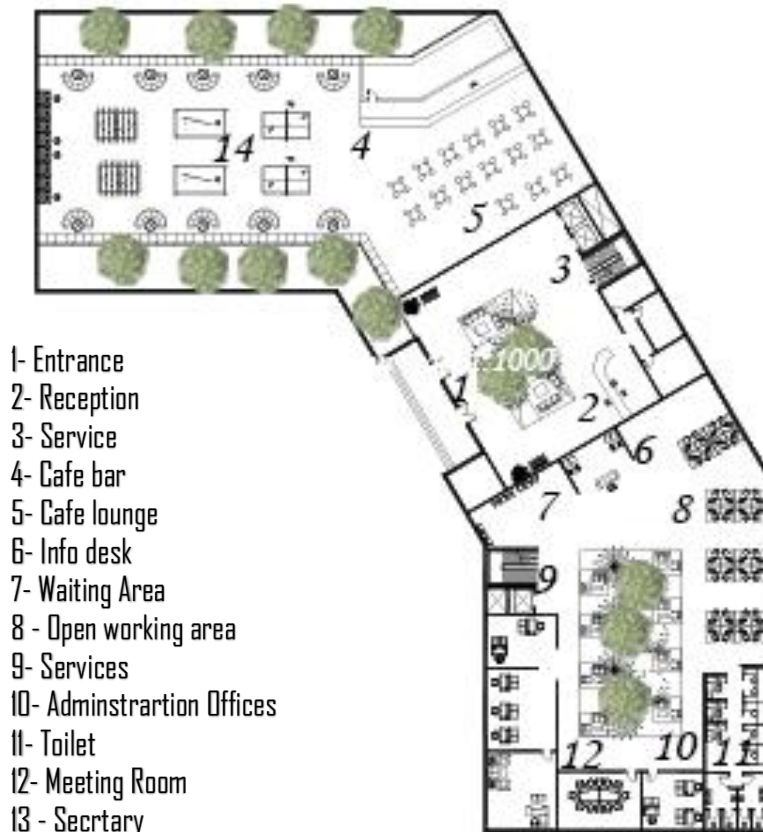
Bank

- 1- Entrance
- 2- ATM
- 3- Toilets
- 4- Customer service
- 5- Waiting area
- 6- Info desk
- 7- Electrical Teller
- 8 - Services
- 9- Teller
- 10- Adminstration lounge
- 11- Adminstration Offices
- 12- Safe

- 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- Adminstration Offices
- 11- Toilet
- 12- Meeting Room
- 13 - MPU Hall



Head Quarter



Head Quarter

- 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- Adminstration Offices
- 11- Toilet
- 12- Meeting Room
- 13 - Secretary
- 14- Quiet Room

SECTIONS





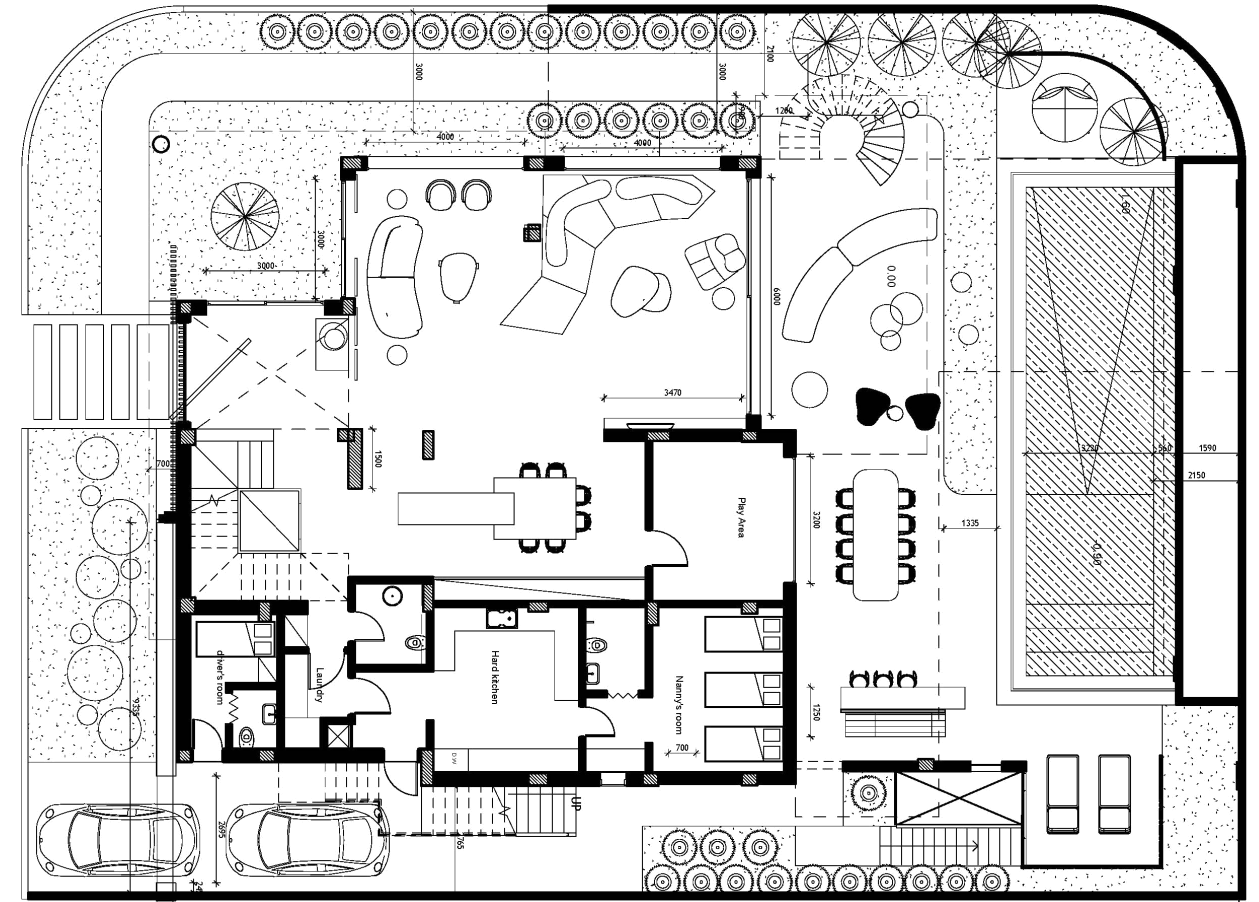
KATAMYA HIGHTS RESIDENCE



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
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COLOR PALLETE



Basement Floor



Edra – On the Rock



B&B Italia - UP50



Tacchini- KANJI



Moroso - Pacific



Cassina Hola 369



Moroso - Pacific



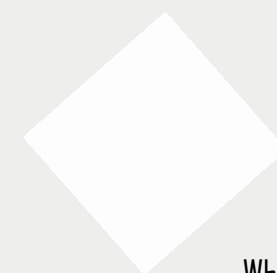
Guest Bedroom



White-Blush Painting



Travertine Marble



White-Gypsum Board



Engineering Wood

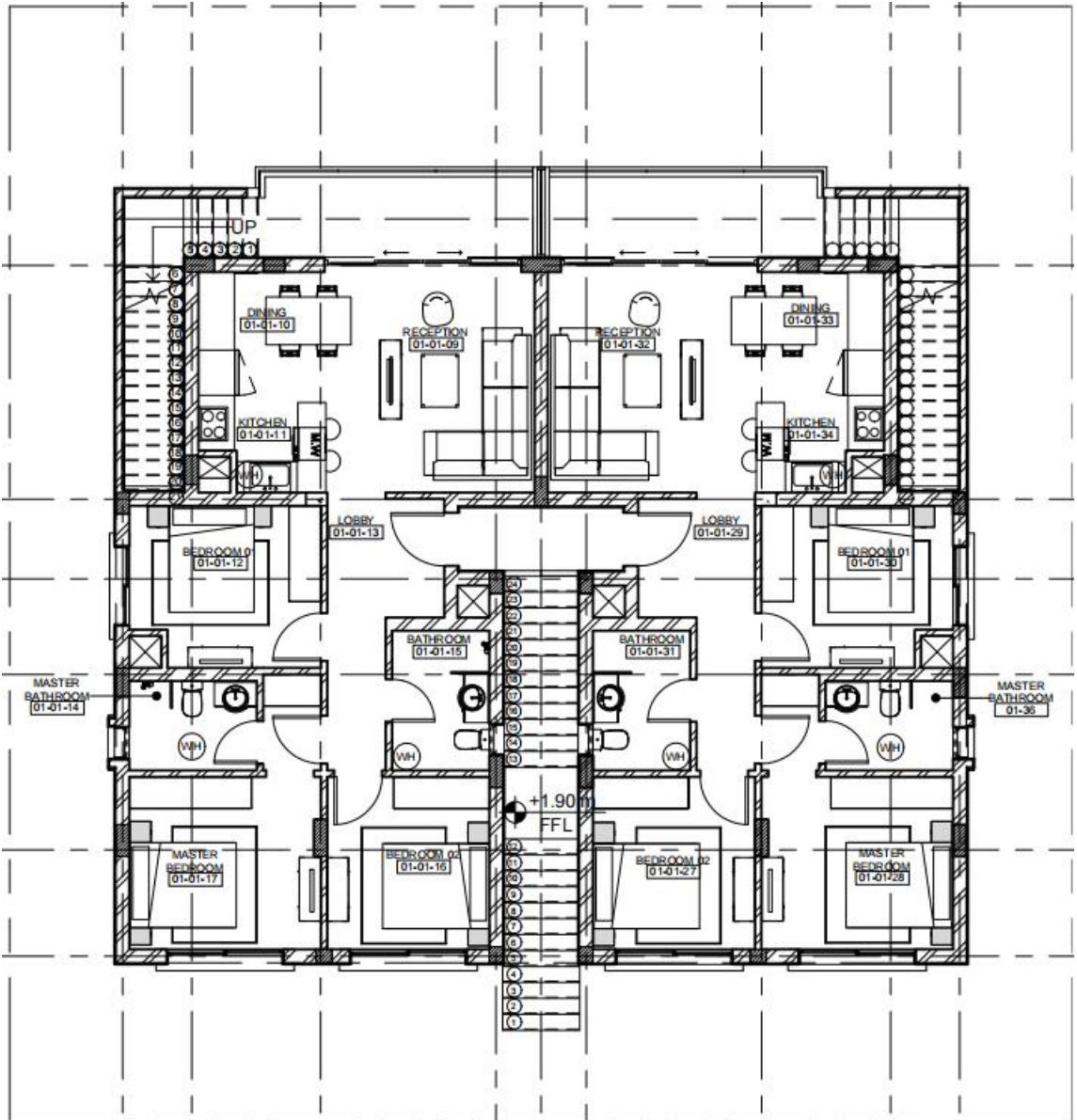
JEFARIA LAGOON CHALET



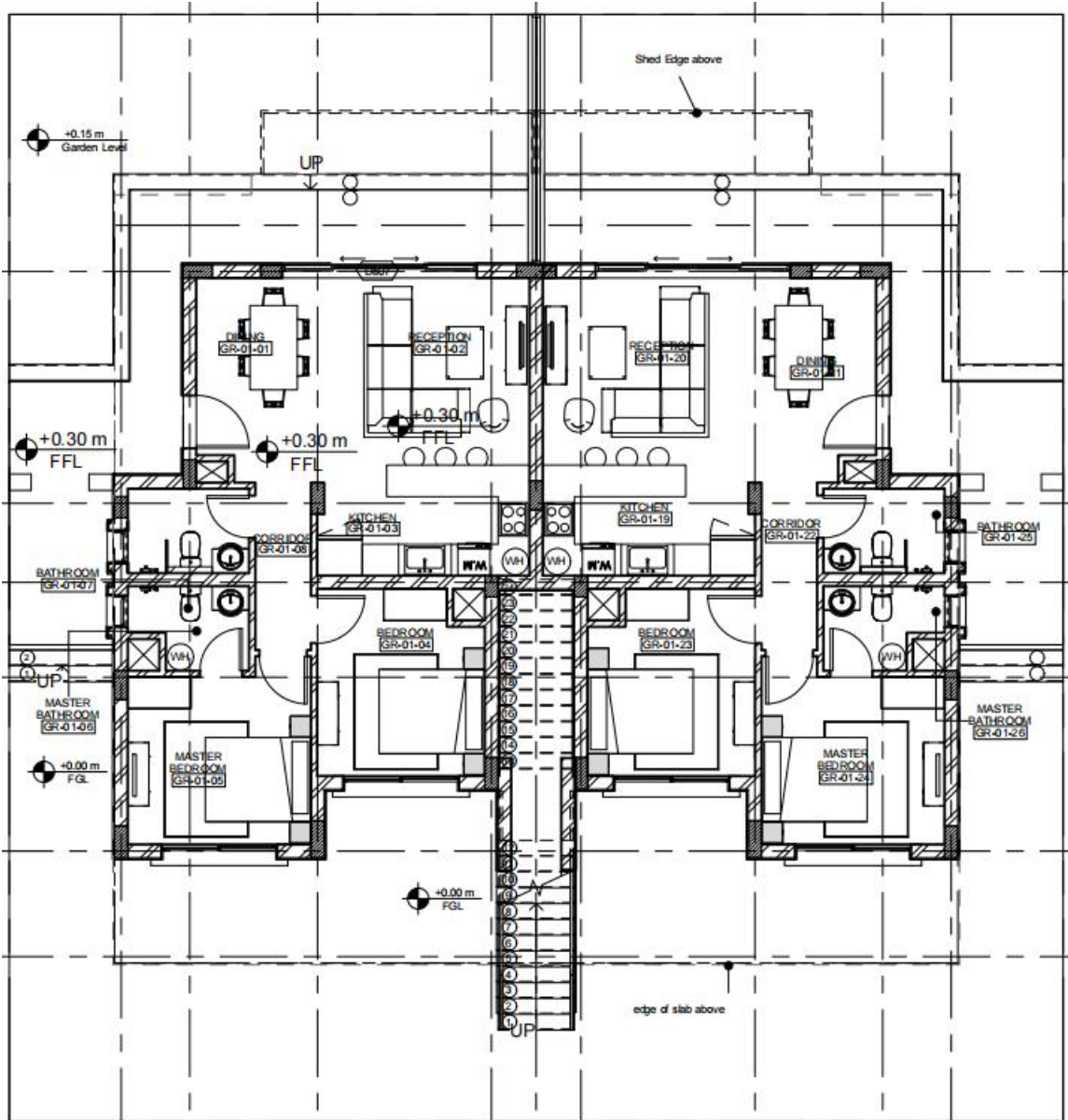
BRIEF

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

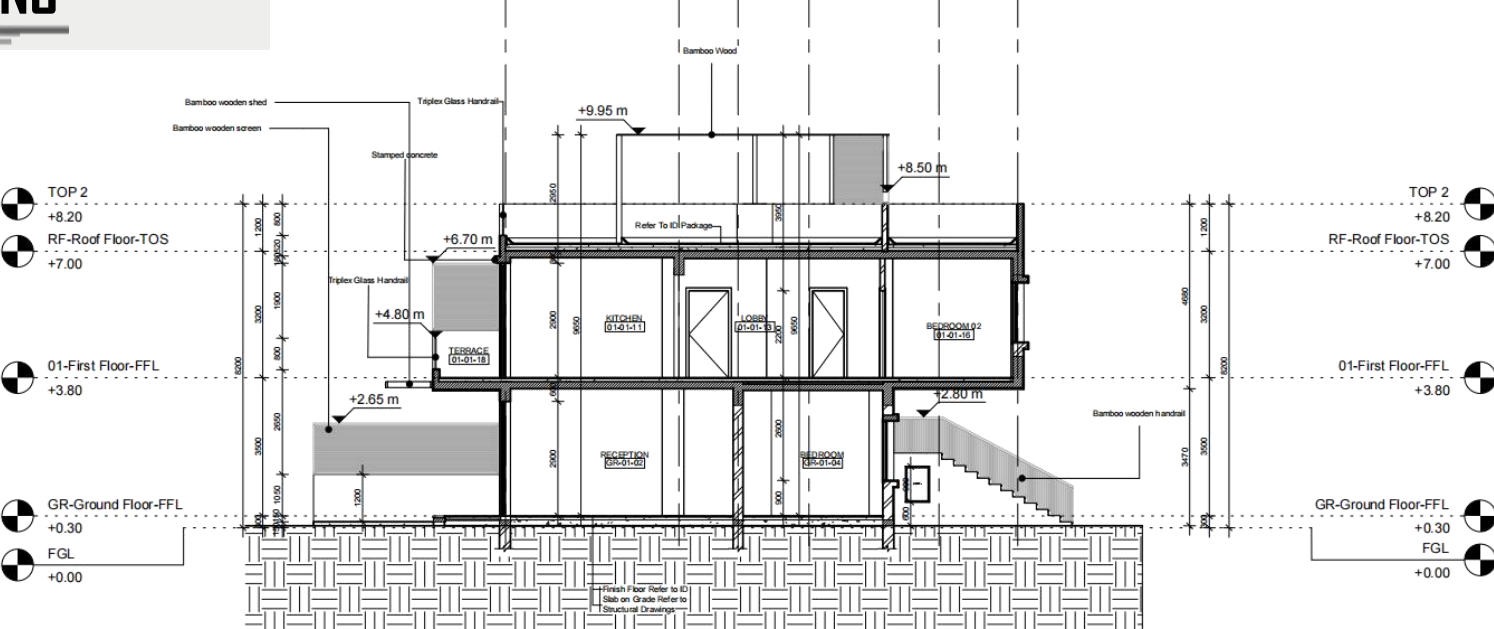


GROUND FLOOR

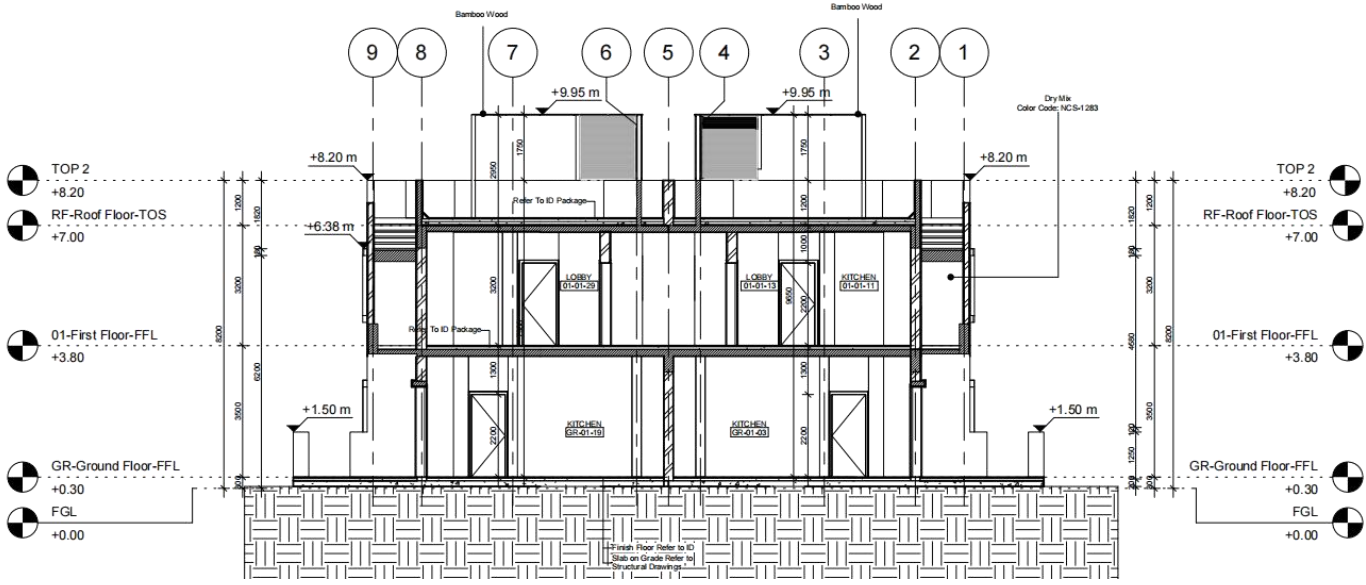


FIRST FLOOR

SECTIONS

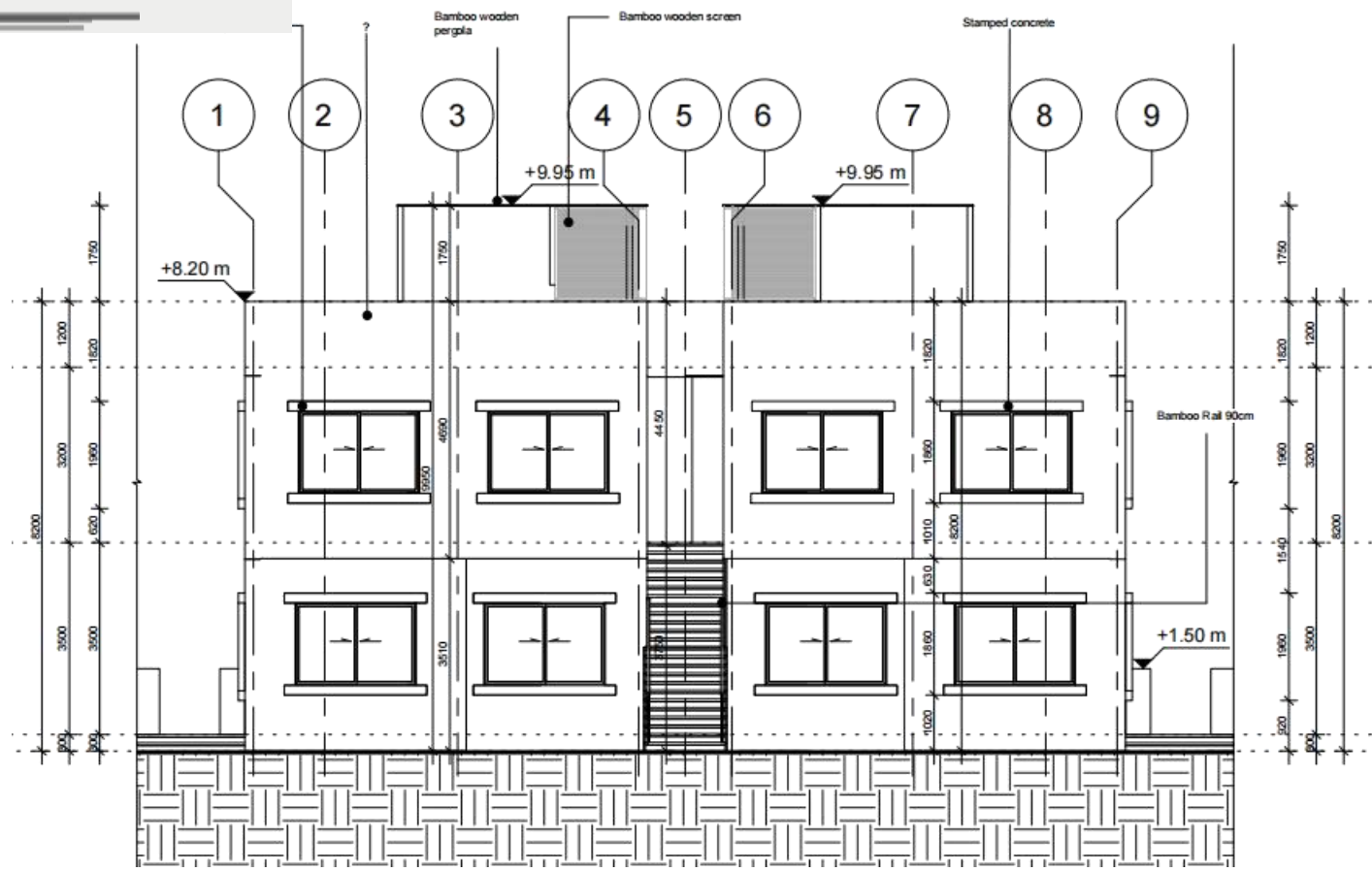


SECTION AA

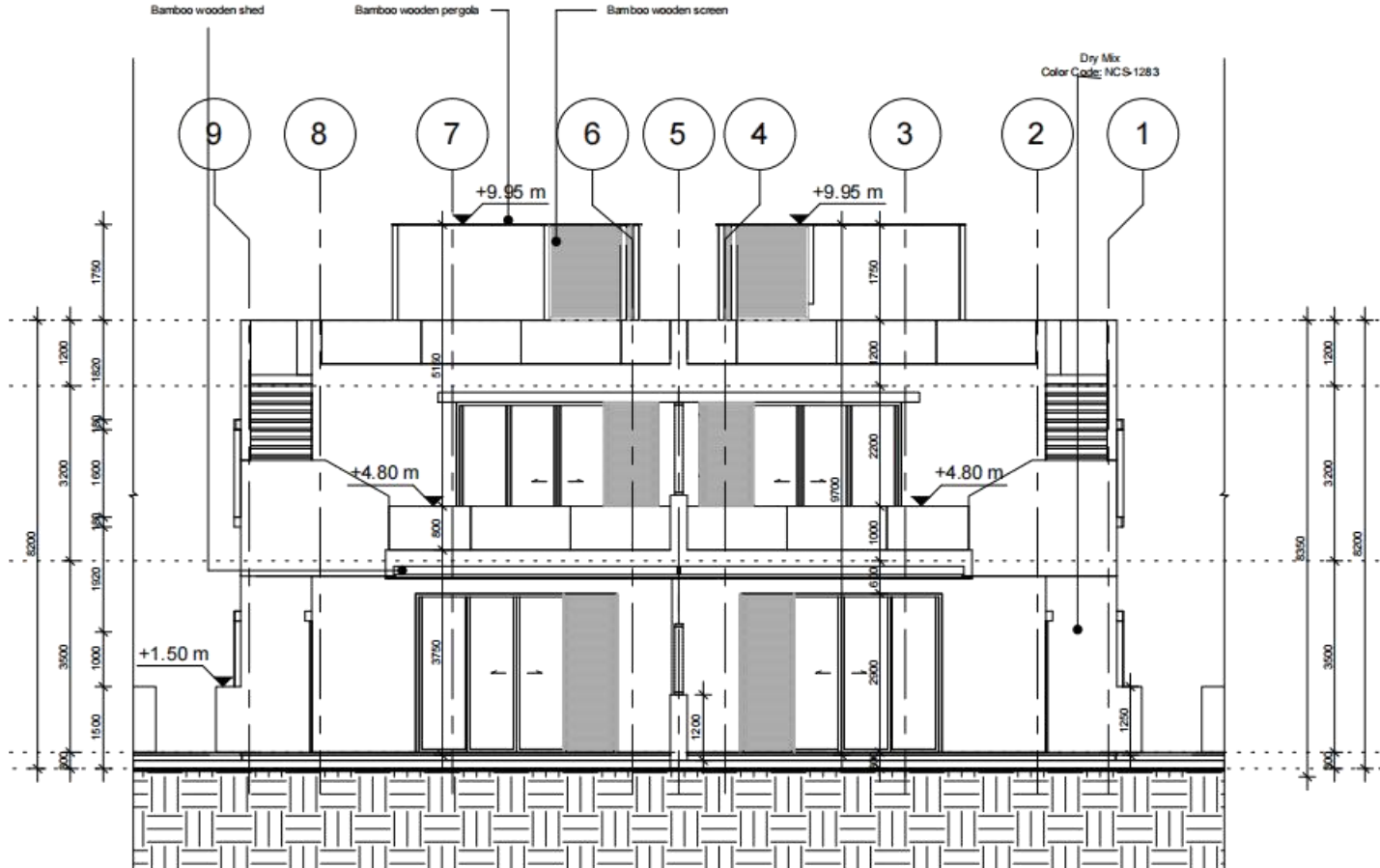


SECTION BB

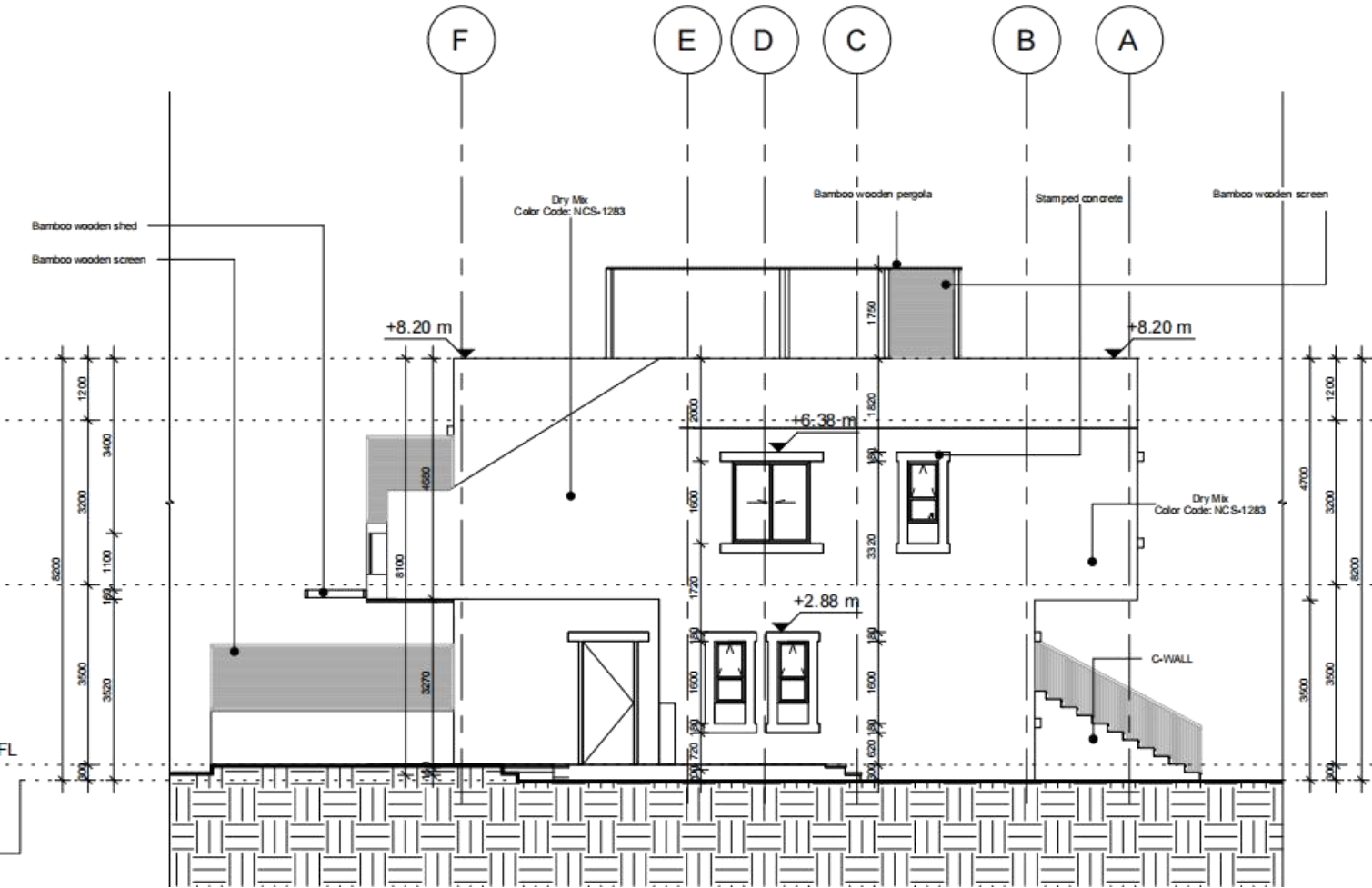
ELEVATIONS



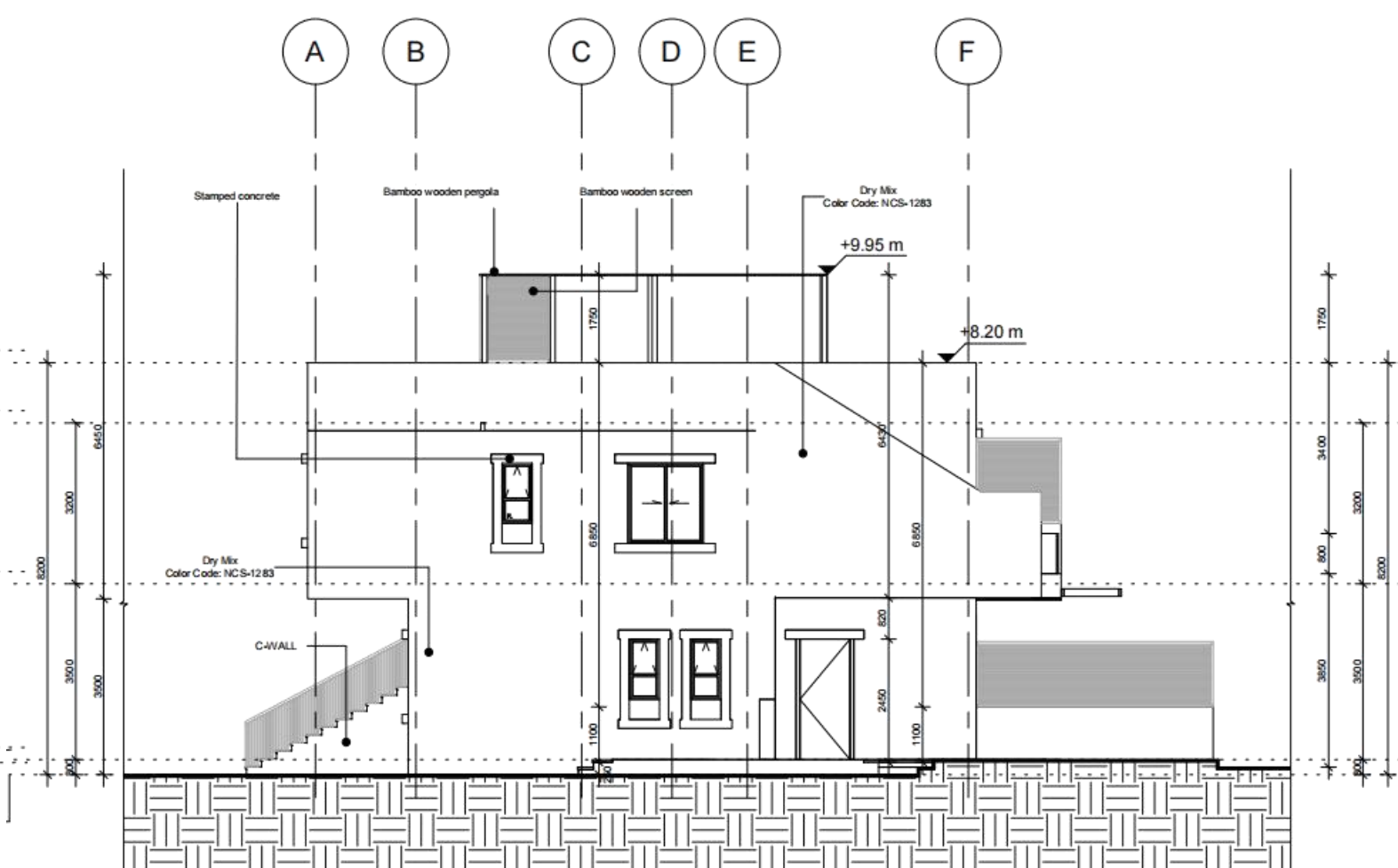
FRONT ELEVATION



BACK ELEVATION

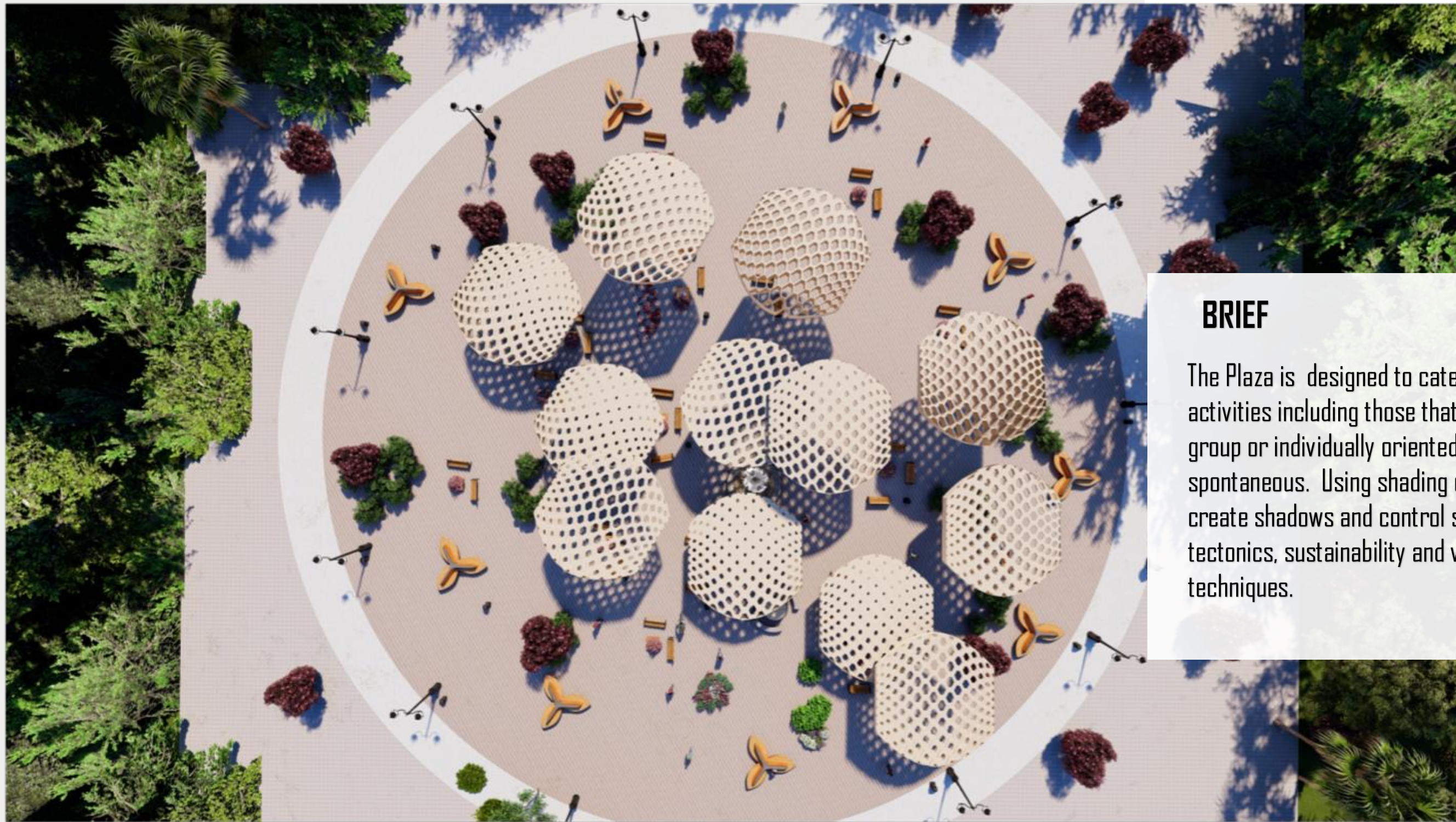


RIGHT ELEVATION



LEFT ELEVATION

COMMUNICATION HUB PLAZA



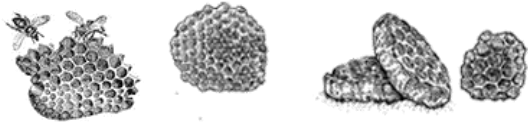
BRIEF

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.

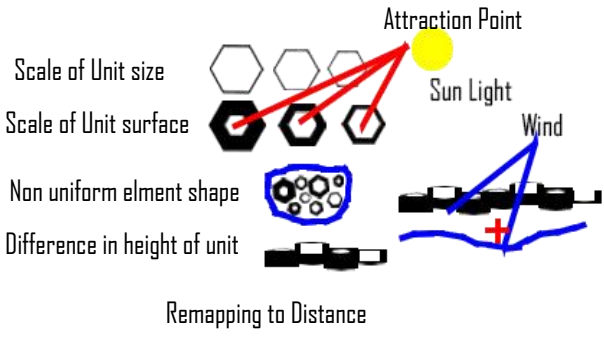
SOURCE OF CONCEPT



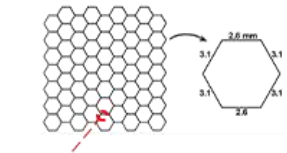
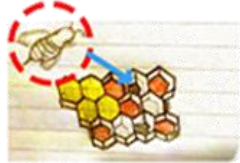
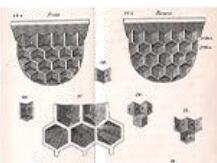
Concept is inspired from the bee's honeycomb and how its well organized hexagon cells are filled by bees showing the bee filling some cells and leaving others, covering them with propolis which is used for protection .



PARAMETERS EXREACTION

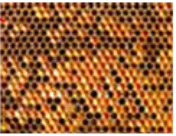


CONCEPT ANALYSIS

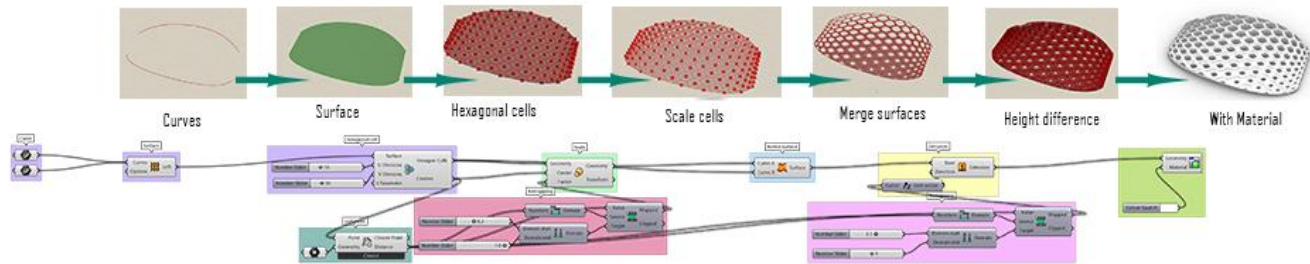
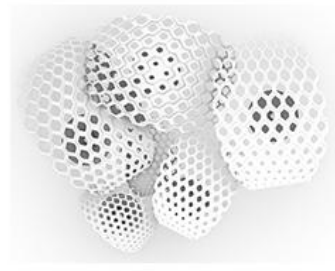
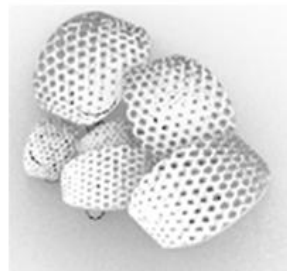


Bees are the main attractor for filling the cells (fill or empty)

(honeycomb cells that share walls to conserve energy better.it minimize the space between cells while maximizing the space available within the cell)



ALGORITHM



THANK YOU

Rania Hany

