

EUNICE APRIL MAGPANTAY

JUNIOR ARCHITECT



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Referred by: Mr. Niraj Shukla

TECHNICAL PROFICIENCIES

- Sketchup
- Lumion
- AutoCad
- Microsoft Office
- Canva

AWARDS

- Top 10 in GPA per program
1st Semester, A.Y. 2019-2020
- CEAT'S Top Performing
Students for A.Y. 2020-2021
- 1st Honors - 2nd Semester
A.Y. 2020-2021
- 2nd Honors - 1st Semester
A.Y. 2021- 2022
- 2nd Honors - 2nd Semester
A.Y. 2021-2022
- 2nd Honors - 2nd Semester A.Y.
2022-2023
- Top 5 Best in Thesis

REFERENCES

Arch. Regina Rose Seña

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Arch. Kenneth Psalm Pingoy

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Architectural Portfolio

EDUCATION

Bachelor of Science in Architecture

With specialization in Construction Management

De La Salle University - Dasmariñas

August 2024

EXPERIENCE

Architect Intern

S.R.chitects Construction Corporation

June 2023 – August 2023 | Imus City, Cavite, Philippines

- Created schematic conceptual designs and detailed architectural drawings.
- Developed interior designs and prepared material estimates.
- Conducted construction site monitoring and inspections.

Freelance Architect

Independent Professional

October 2024 – Present | Remote

- Specialize in design solutions and 3D modeling for diverse architectural projects
- Create conceptual sketches and detailed 3D models tailored to client needs. Collaborate with clients to bring visions to life with functional, aesthetic designs
- Manage project timelines and deliver high-quality results on schedule.

ACCOMPLISHED PROJECT

Triflora

A Proposed Cut Flower Research and Production Facility

An architectural thesis supporting the Philippine cut flower industry through a state-of-the-art facility focused on research, innovation, and sustainable production.

CERTIFICATIONS

- AUTOCAD 1 Certification
- Interior Styling and Decorating Certification



ARCHITECTURE PORTFOLIO

Selected works: 2019 - 2024



Eunice April B. Magpantay

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01

PROPOSED

2-STOREY COMMERCIAL BUILDING



PROPOSED 2-STOREY COMMERCIAL BUILDING

Type: Academic Project

Location: San Mateo, Rizal

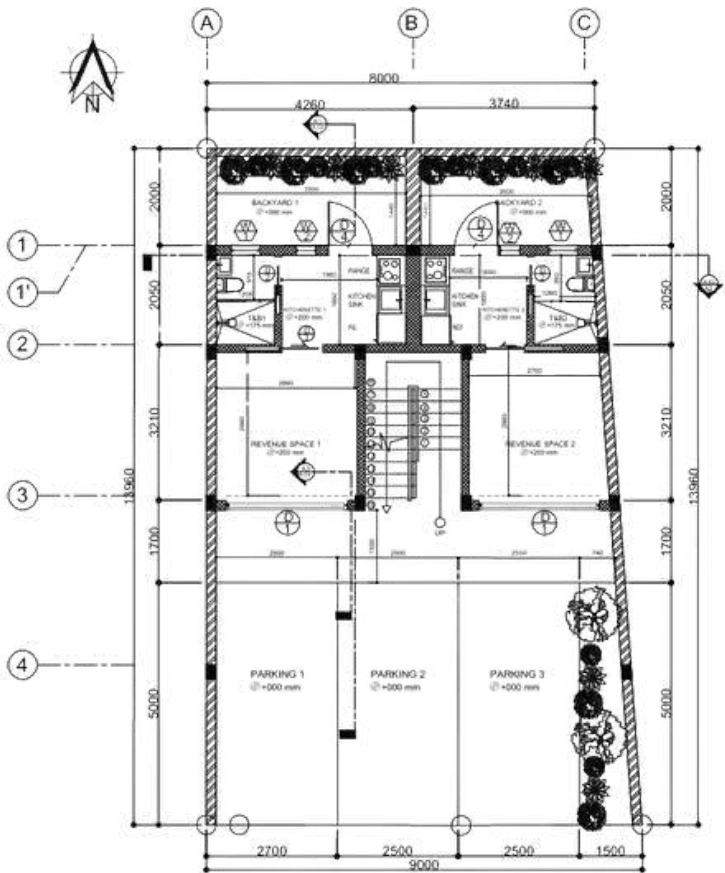
Climate: Tropical

Site Area: 126 m2

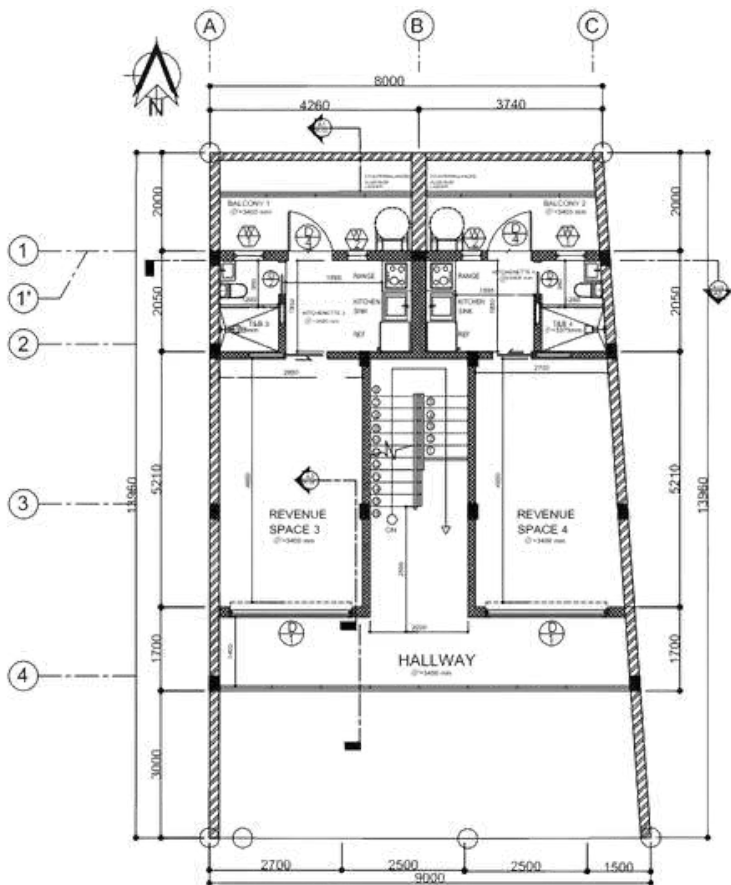


This two-story commercial building is located in San Mateo, Rizal. It features four tenant spaces, each equipped with a kitchenette and toilet for convenience and privacy.

The ground floor has two commercial units, with two more on the second floor. The layout is efficient and flexible, catering to various business needs. A dedicated carport and motorcycle parking add accessibility, making the building attractive to tenants and customers alike.



GROUND FLOOR PLAN



SECOND FLOOR PLAN

02

PROPOSED

TWO STOREY DUPLEX RESIDENTIAL HOUSE





TWO STOREY DUPLEX RESIDENTIAL HOUSE

The architectural plans for this project possess distinct characteristics that differentiate them from other residential designs. These plans focus on the efficient utilization of space, ensuring functional layouts for each unit, and incorporating privacy-enhancing features. They also strive to maintain individuality between the units while maintaining a balanced and symmetrical overall design. Outdoor spaces are integrated to enhance livability and provide opportunities for relaxation. In summary, the architectural plans for a two-storey duplex residential building are uniquely tailored to accommodate two separate households, emphasizing functionality, privacy, and efficient use of space.

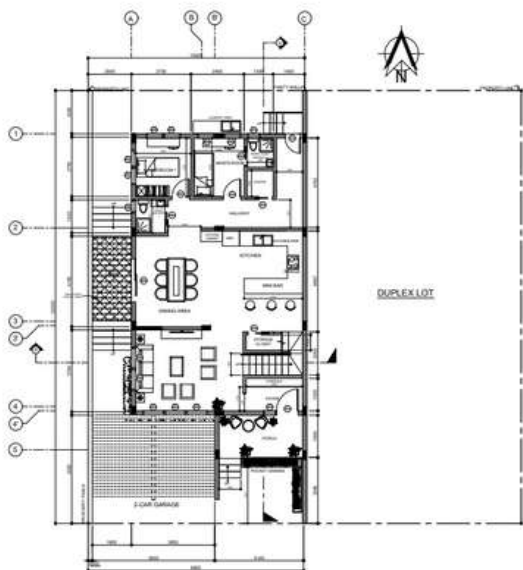
Type: Collaborative Project

Location: Sentosa, SGeS

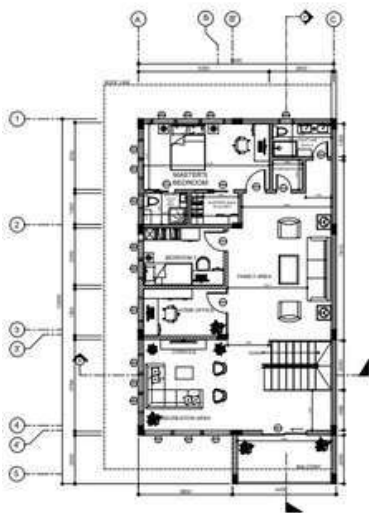
Climate: Tropical

Site Area: 60 H.A.

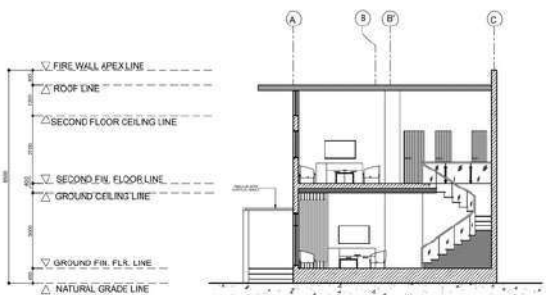
GROUND FLOOR PLAN



SECOND FLOOR PLAN



CROSS SECTION



LONGITUDINAL SECTION



03

CRIMSON
ROYALE

SILOSO GOLF COURSE





CRIMSON ROYALE SILOSO GOLF COURSE

The Vanda Miss Joaquim, also known as the national flower of Singapore, embodies this inherent character of the country. The flower was said to celebrate the harmony among the four ethnicities and signifies Singapore’s vibrant and resilient spirit.

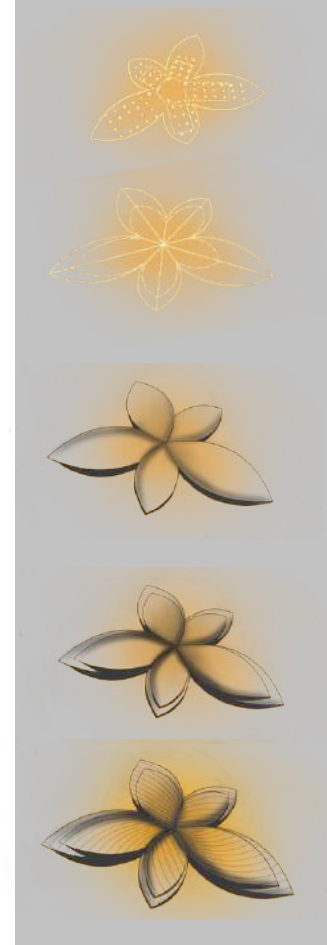
Type: Collaborative Project

Location: Sentosa, SGes

Climate: Tropical

Site Area: 60 H.A.

FORM DEVELOPMENT



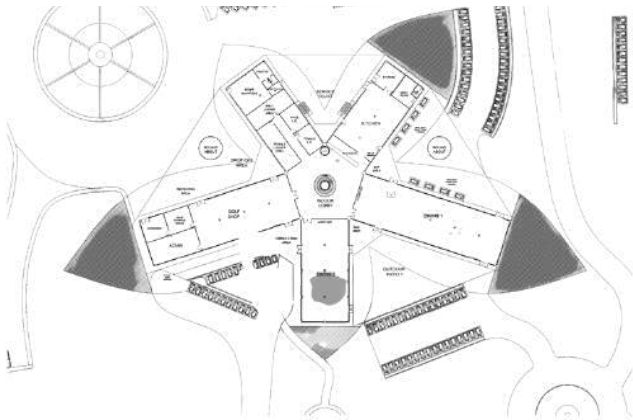
SITE ANALYSIS



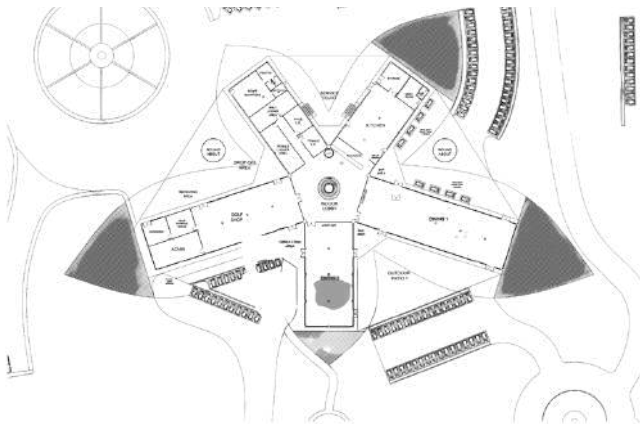
FUNCTIONAL ZONING



MAIN CLUBHOUSE GROUND FLOOR PLAN



MAIN CLUBHOUSE SECOND FLOOR PLAN



04

K U B L I H A N : *A S A F E H A V E N*

SIARGAO COMMUNITY CENTER





KUBLIHAN: A SAFE HAVEN SIARGAO COMMUNITY CENTER

The project's main objective was to build a new Lokal Tabo, or Burgo's community center. They are relocating because the cyclone completely wrecked their previous one. The Lokal Tabo is a neighborhood community market that gives nearby producers, artists, and craftsmen a place to advertise and sell their wares for no cost, as well as giving the neighborhood's residents easy access to locally and organically grown food and plastic-free alternatives. It functions both as a community/multipurpose facility where Lokal Lab hosts lectures, courses, meetings, and other activities, as well as a restaurant that provides traditional cuisine.

Type: International
Competition

Location: Siargao,PH

Climate: Tropical

Site Area: 1,750m2

MATERIALS



TIMBER



RAMMED EARTH
WALL

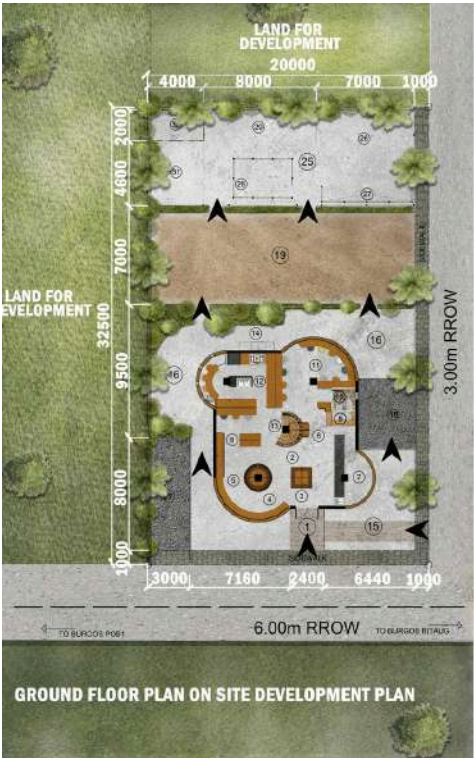
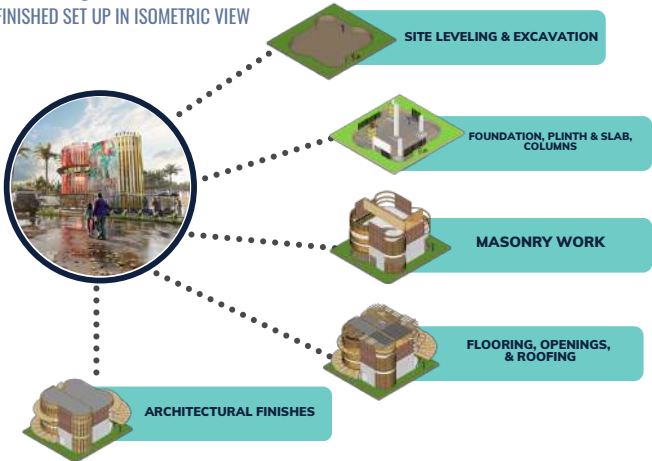


AMAKAN
SHEETS



CONCRETE

TABO MARKET FINISHED SET UP IN ISOMETRIC VIEW



KUBLIHAN: A SAFE HAVEN SIARGAO COMMUNITY CENTER

FLOORPLANS

LEGEND

- 1

LOKAL TABO
- 2

MARKET PROPER
- 3

FEATURED PRODUCTS
- 4

COCO PRODUCTS & SOUVENIRS
- 5

WEAVED PRODUCTS
- 6

DRY GOODS
- 7

WET SECTION
- 8

FARMERS' GOODS
- 9

CASHIER / COUNTER
- 10

TOILET
- 11

DINING AREA
- 12

KARINDERYA
- 13

STAIRS
- 14

SERVICE AREA
- 15

SEASONAL MARKET
- 16

OUTDOOR DINING
- 13

TRUCK PARKING AREA
- 14

2 SLOTS CAR PARKING
- 19

EVENTS AREA
- 20

CHILDREN'S PARK
- 21

SLIDE TOWER
- 22

BALANCING BEAMS & MONKEY BARS
- 23

SAND PIT
- 24

CLIMBING STEPS
- 25

COMMUNITY FARM
- 26

OPEN GARDEN
- 27

STORAGE SHED
- 28

AQUAPONIC GARDEN
- 29

COMPOSTING AREA
- 30

CHICKEN COOP
- 31

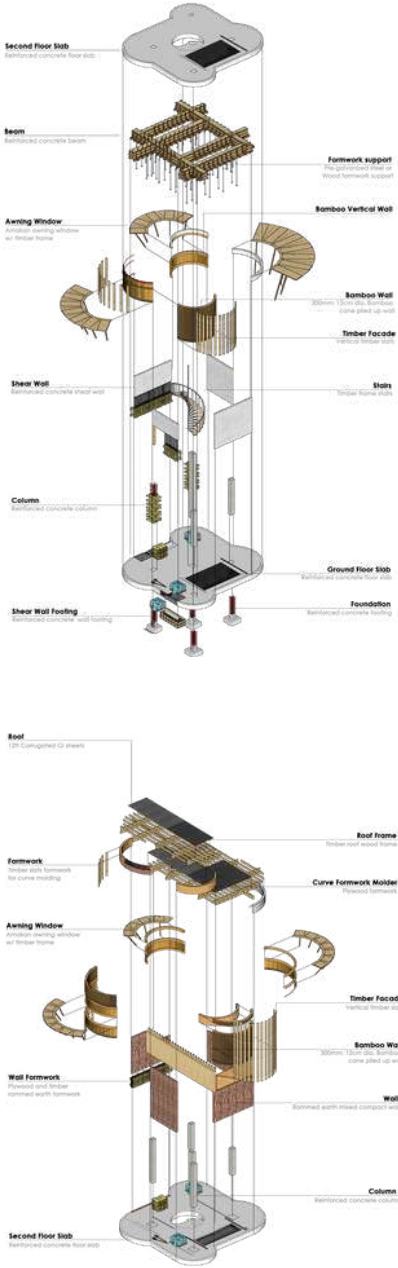
CHICKEN RUN AREA

AXONOMETRIC DIAGRAM

ELEVATION



SECTION



KUBLIHAN: A SAFE HAVEN SIARGAO COMMUNITY CENTER

P E R S P E C T I V E S



05

V I D A F O R M I C A

A PROPOSED ECO-TOURISM PARK





VIDA FORMICA ECO-TOURISM PARK

Type: Collaborative Project

Location: BGC, PH

Climate: Tropical

Site Area: 8,300m²

Vida Formica is a relationship between people, the city, and the environment. It aims to provide a multi-functional system that balances people's daily outdoor activities, environmental awareness, and storm-water management. It is a meaningful space for environmental education, recreation, and building social connections.



SITE CONCEPT:

Being an Eco-Tourism Park that is located in Bonifacio Global City (BGC), a city with an environment where people live, work, learn, play, and build in bliss, Vida Formica was derived from the words 'Vida', meaning life, and 'Formica', which is the latin word for ant.

S I T E D E V E L O P M E N T P L A N



- 1 PARKING ENTRANCE
- 2 PARKING
- 3 PARK MONUMENT
- 4 ANT STATUE
- 5 PIT BENCH
- 6 PLAYGROUND
- 7 PUMP ROOM
- 8 ELEVATED WALKWAY / FOOD HUB
- 9 BUTTERFLY GARDEN
- 10 KOI POND
- 11 OUTDOOR GYM
- 12 COMFORT ROOM
- 13 LEARNING CENTER


VIDA FORMICA ECO-TOURISM PARK










LANDSCAPE PLAN :




PLANT LIST			
SIZE	SYM	COMMON NAME	BOTANICAL NAME
PLANTS ARE SUGGESTIONS TO BE DETERMINED PRIOR TO FINAL PLAN			
TREES			
3 MTS Ø	ALMACIGA	AGATHIS PHILIPPINENSIS WARB	
40 CM Ø	BALITBITAN	CYNOMETRA RAMFLORA	
TO 120 Ø	AKLE	ALBIZIA ACLE	
90 Ø	KANAGONG	DICOPYROS DISCOLOR WILLO	
2 MTS Ø	NARRA	PTEROCARPUS INDICUS	
90 CM Ø	SIAR	PELTOPHORUM PTEROCARPUM	
45 CM Ø	KATMON	DILLENA PHILIPPINENSIS	
30 CM Ø	COCONUT TREE	COCOS NUCIFERA	
45 CM Ø	BANI	PONGAMIA PINNATA	
100 CM Ø	PHILIPPINE TEAK	TECTONA PHILIPPINENSIS	
100 TO 120 CM Ø	MOLAVE	VITEX PARVIFLORA	
125 CM Ø	APTONG	DIPTEROCARPUS GRANDIFLORUS	
150 CM Ø	CHRISTMAS PALM	ADONIDIA MERRILLII	

SHRUBS:		
9 - 30 CM Ø	KAMIA	AVERRHOA BILIMBI
	ABANG-ABANG	LEEIA ACUMINATA WALLICH
	YLANG-YLANG	CANANGA ODORATA
	DUMB CANES	DIEFFENBACHIA
	WALING WALING	YANDA SANDERIANA
	SAN FRANCISCO	CODIAEUM VARIEGATUM
	PHILIPPINE VIOLET	BARLERIA CRISTATA
	EUGENIA	EUGENIA
	RHAPIS	RHAPIS EXCELSA
	MALIMALI	AGATHIS PHILIPPINENSIS WARB
	SACRED GARLIC PEAR	AGATHIS PHILIPPINENSIS WARB
	JADE VINE	AGATHIS PHILIPPINENSIS WARB

PERENNIALS:	
	PERENNIALS TO PROVIDE ACCENT COLOR THROUGHOUT: DAHLIA, BEGONIAS, LAVENDERS, GERANIUM, MARIGOLDS, PETUNIAS
NOTE: IRRIGATION, TO CITY CODE, TO BE ADDED TO ALL PLANTS AND SEPARATED ACCORDING TO DIFFERENT WATERING ZONES	

MATERIALS LIST	
SYMB.	DESCRIPTION
	BOULDERS (1' TO 5')
	BOULDERSTONE PAVES
	BLUE GRASS
	WOODEN PAVING
	RUBBER PAINT
	RUBBER PAINT
	BOULDERS (1' TO 5')
LIGHTS: TRANSFORMER LOCATION TO BE DETERMINED ON SITE, ALSO CABLE ROUTING PLAN AND SUGGESTED WIRING NUMBER AND TYPE TO BE DETERMINED ON SITE	
	OUTDOOR RECESSED LIGHTING
	LIGHT POST

CIRCULATION AND OPEN SPACE ANALYSIS:



VIDA FORMICA
A PROPOSED ECO-TOURISM PARK

LEGEND :

PRIMARY VEHICLE CIRCULATION

SECONDARY VEHICLE CIRCULATION

PEDESTRIAN CIRCULATION

INTERSECTION CONFLICT

BLOCKED VIEW

VEHICLE ACCESS

PEDESTRIAN ACCESS

PARKING AREA

1

OPEN AREAS

2

PLAY AREAS

3

RESTROOMS

4

STRUCTURES

WATER FEATURE



VIDA FORMICA: ECO-TOURISM PARK



P E R S P E C T I V E S

VICA FORMICA FOOD HUB



It is an additional space for the locals & tourist to feel relaxed and unwind along with the sprawling green areas of the park.

BUTTERFLY GARDEN & LEARNING CENTER



The Learning Center will foster social interactions and will increase the understanding of visitors regarding the local's political, environmental, and social circumstances while the butterfly garden support the preservation of native plant species as well as butterflies and other local insects.

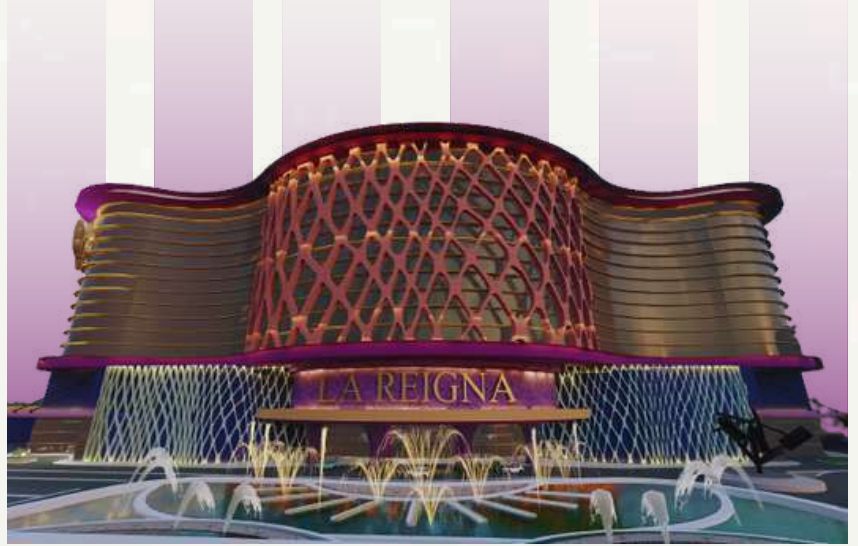
06

LA REIGNA: *HOTEL & CASINO*

CEBU



LA REIGNA HOTEL & CASINO



Type: Collaborative Project

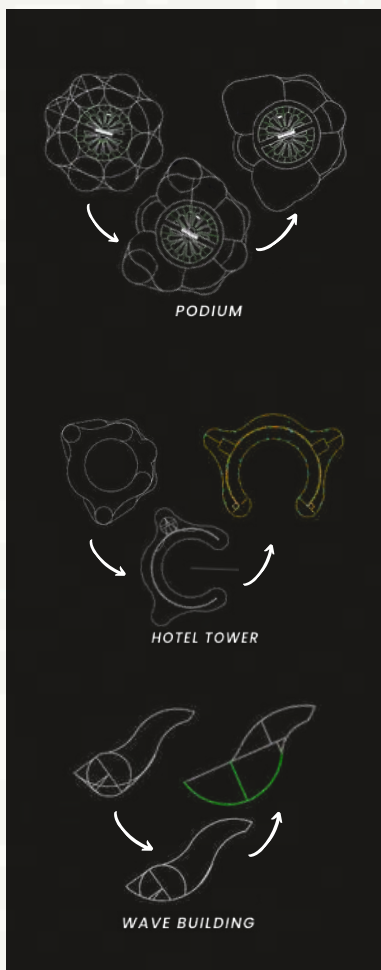
Location: Cebu, PH

Climate: Tropical

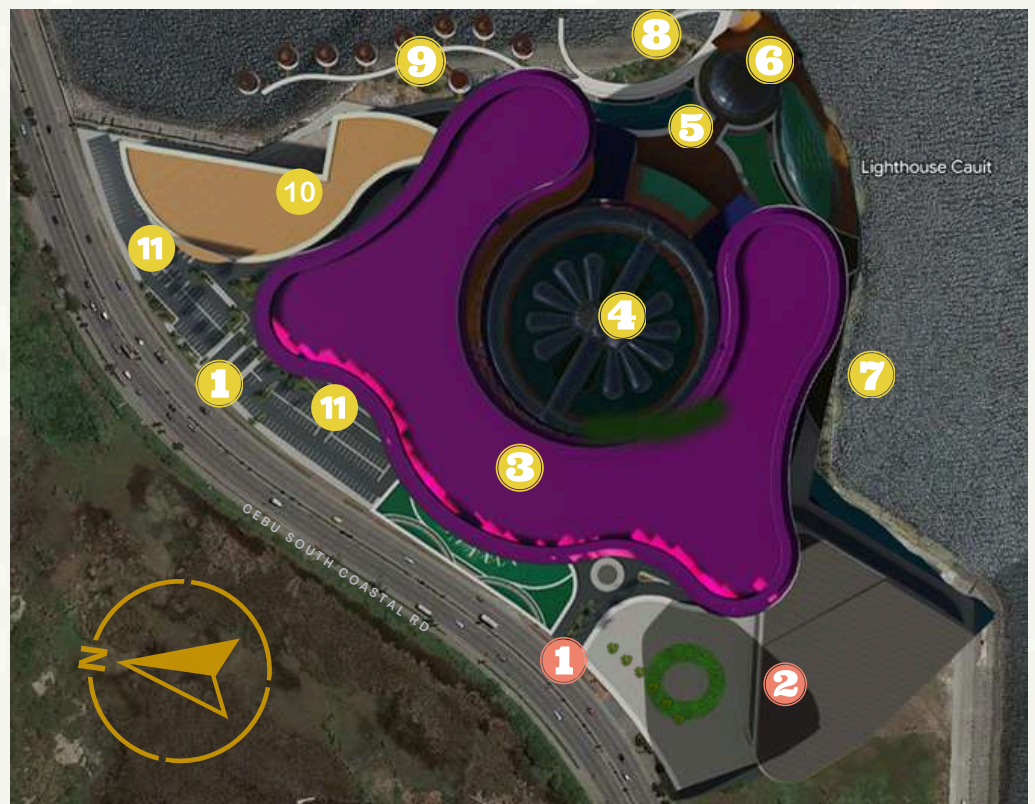
Site Area: 400m²

In order to express the Cebuanos' way of life, which is a reflection of their history and tradition, and to honor Cebu heritage, our design concept is completely centered on these three aspects. Beautiful beaches, festivities, as well as flora and wildlife, that all are located in Cebu. Among one of the concepts for this project was the wildlife tourism attraction is one of Cebu's sought-after tourism activities and has generated significant revenue, thus the whale shark was incorporated in the site formation. In addition, Sinulog is the biggest and most well-known celebration in Cebu, and it features a grand somber procession immersed in wild colors, as well as fun activities like street dancing and pyromusical performances that end with a stunning fireworks display. This feature was applied on the interior aspect of the project

EVOLUTION OF FORM



S I T E D E V E L O P M E N T P L A N



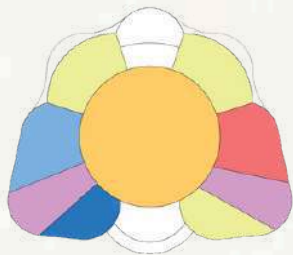
- 1.DRIVEWAY, 2. MULTI-CARPAK BUILDING, 3. HOTEL TOWERS, 4. PODIUM, 5. WATER - FEATURE,
6. FLAIR CEBU, 7. PARK AND JOGGING AREA, 8. WHARF, CABANAS, 9. MULTIFUNCTION BUILDING,
10. OUTDOOR CARPAK

LA REIGNA HOTEL & CASINO

FUNCTIONAL ZONING

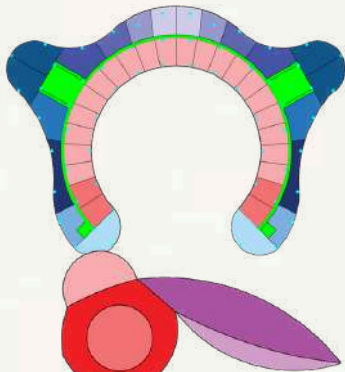
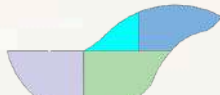
PODIUM GROUND FLOOR

- HOTEL RESTO
- EXHIBIT HALL
- VIP LOUNGE
- CASINO
- COMMERCIAL SPACES
- DIAMOND LOUNGE



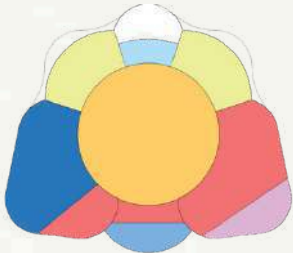
HOTEL TOWER

- CORE/HALLWAY
- PREMIUM SUITES
- GRAND PREMIUM SUITES
- LUXURY SUITES
- GRAND LUXURY SUITES



PODIUM 2ND FLOOR

- DECKING
- SPORTS BETTING
- SPORTS CLUB
- VIP AREA
- CASINO
- COMMERCIAL SPACES
- DIAMOND LOUNGE



WAVE BUILDING

- BANQUET HALL
- AUDITORIUM
- ALFRESCO DINING AREA
- BUFFET AREA



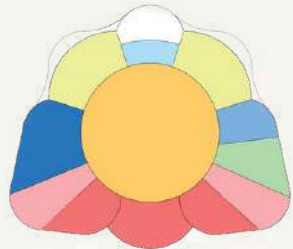
FLAIR CEBU

- FLAIR VIP CABANAS
- POOLS
- DINING AREA
- LOUNGE
- COTTAGES



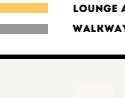
PODIUM 3RD FLOOR

- POOL
- BUSINESS LOUNGE
- GYM/SPA
- LAUNDRY/HOUSEKEEPING
- COMMERCIAL SPACES
- COMMERCIAL SPACES
- DIAMOND LOUNGE
- INDOOR GOLF CLUB



CABANAS

- T&B
- LIVING AREA
- KITCHEN
- LOUNGE AREA
- WALKWAY

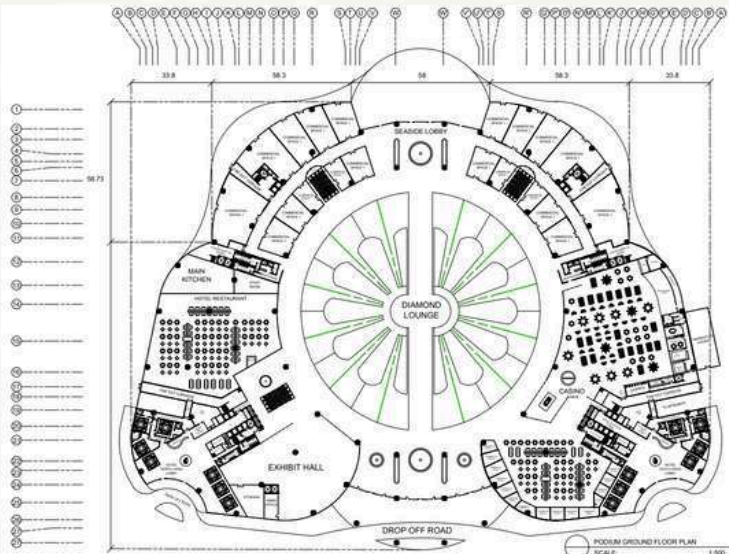


PARKING BUILDING

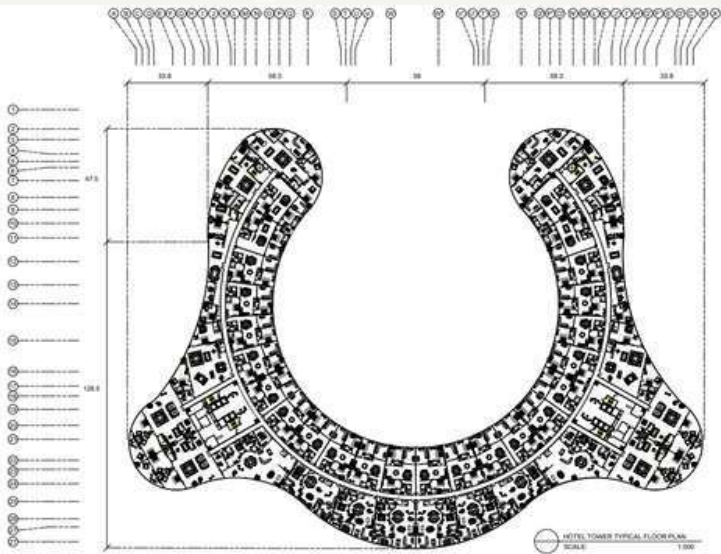
- PARKING SPACES
- RAMP
- FIRE EXIT/ELEV



FLOORPLANS

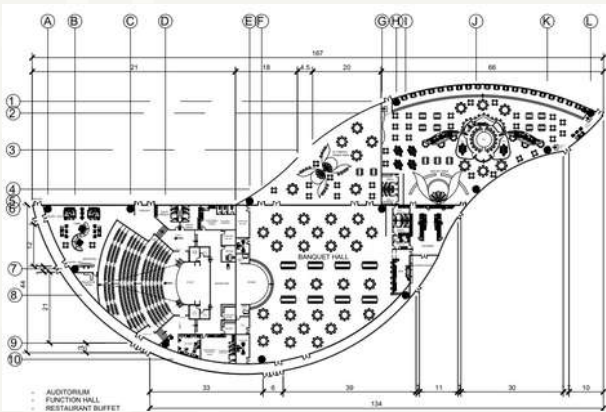


PODIUM GROUND FLOOR PLAN



HOTEL TOWER GROUND FLOOR PLAN

AUXILIARY BUILDING FLOOR PLAN



LA REIGNA HOTEL & CASINO

ELEVATIONS



FRONT



REAR

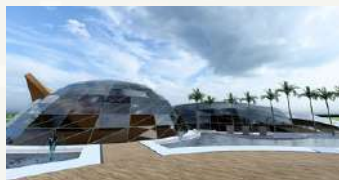


LEFT



RIGHT

P E R S P E C T I V E S



07

TRIFLORA

*A PROPOSED CUT-FLOWER RESEARCH AND
PRODUCTION FACILITY* *TRADITIONAL WORKS*



TRIFLORA

A PROPOSED CUT-FLOWER RESEARCH AND PRODUCTION FACILITY

PROJECT OBJECTIVES

- To design a facility dedicated to cut flower research and production that can boost the country's cut flower production capability and assist the Department of Agriculture in actively contributing to the realization of their goal of improving the competitiveness of the cut flower industry.
- To design a cut flower planting material production center that can accommodate farmers from different regions and would assist cut flower farmers in acquiring adequate healthy, high-yielding, and disease-free planting material.
- To render a facility that will serve as a platform for sharing information and empowering farmers through knowledge acquisition, skills, and orientation on critical aspects of cut flower production and processing, including post-harvest.

BUILDING CONCEPT

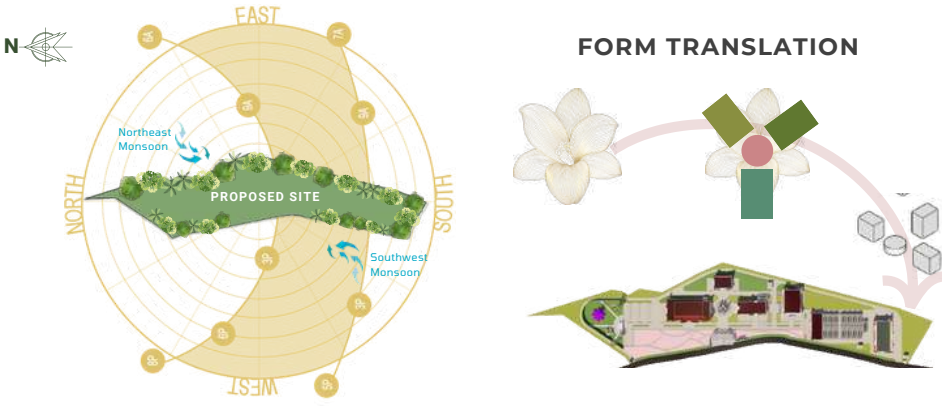
Drawing inspiration from the captivating symbolism of the stargazer lily, the architectural design concept embodies the essence of beauty, growth, and transcendence. Like the graceful bloom reaching towards the heavens, the design aspires to elevate the human experience by fostering connections between individuals and their surroundings.

Embracing the lily's symbolism of purity and aspiration, the architecture incorporates elements of elegance and refinement, creating spaces that evoke a sense of wonder and possibility. Just as the stargazer lily stands as a beacon of hope and renewal, the design seeks to inspire a sense of optimism and renewal in those who interact with it.

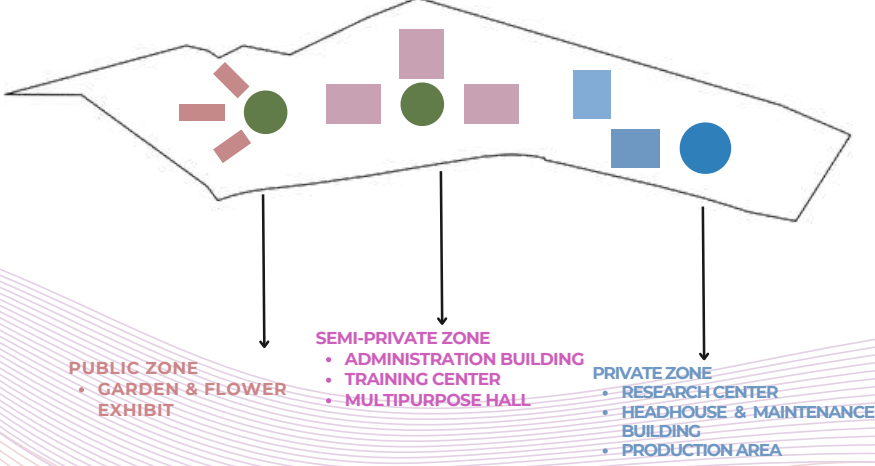
SITE CONCEPT

The site concept, rooted in the essence of triflora—meaning 'three-flowered'—embodies a profound symbolism inspired by the arrangement of flowers. The buildings are orchestrated into three clusters, radiating outward in a pattern reminiscent of a blooming flower. This architectural ode not only celebrates the beauty of nature's triadic harmony but also encapsulates the core tenets of architecture: firmitas, utilitas, venustas. Just as petals form around a central core, the design integrates structural integrity, functionality, and aesthetic appeal into the very heart of the concept, fostering a harmonious and purposeful environment."

SITE ANALYSIS AND SITE FORM TRANSLATION



SPATIAL ORGANIZATION



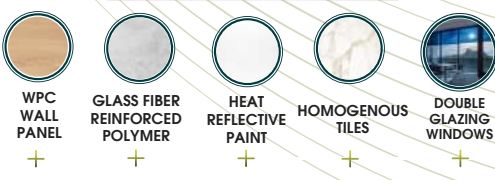
AERIAL PERSPECTIVE



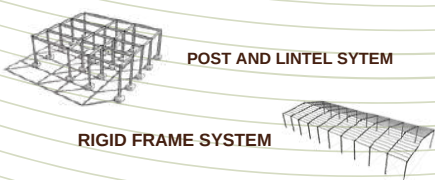
UTILITY CONCEPT



MATERIAL CONCEPT



STRUCTURAL CONCEPT



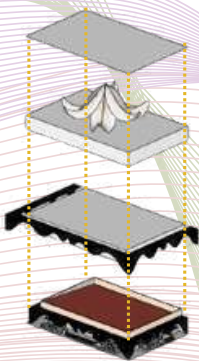


DESIGN CONCEPT

This administration building embodies a unique concept, drawing inspiration from the stargazer lily. Its form is a captivating interplay of functionality and nature. Through the principle of additive transformation, the design utilizes cascading "petals" that gracefully envelop the structure, mirroring the elegant curves of the flower. This approach not only creates a visually striking landmark but also potentially offers functional benefits like light diffusion or climate control.



FORM TRANSLATION



ADMINISTRATION Building

The administrative building within the cut flower research and production facility serves as the operational hub, facilitating seamless coordination and management endeavors. Designed to foster collaboration and efficiency, it houses offices, meeting spaces, and support spaces essential for administrative tasks. With its central role in coordinating operations, the administrative building ensures the smooth functioning of the facility, enabling the advance innovation and excellence of cut flower cultivation and research.



KEYPLAN

FUNCTIONL ZONING

PRIVATE ZONE:

- RECORDS ROOM
- STAFF LOUNGE
- SECURITY ROOM
- STORAGE ROOM

SEMI - PRIVATE ZONE:

- SECRETARIAT'S AREA
- CONFERENCE ROOM
- DIRECTOR'S OFFICE
- HUMAN RESOURCE OFFICE
- RESTROOM

PUBLIC ZONE:

- LOBBY / RECEPTION AREA
- PROCUREMENT & PROPERTY SECTION
- GENERAL SUPPORT SERVICES SECTION
- INFORMATION AND COMPUTER SECTION
- BUDGET & FINANCE SECTION

MATERIAL CONCEPT



WPC WALL PANEL



HIGH PERFORMANCE CONCRETE



HEAT REFLECTIVE PAINT



HOMOGENOUS TILES



LOW E-GLASS



HYBRID SOLAR PANELS SYSTEM



VARIABLE REFRIGERANT VOLUME (VRV)



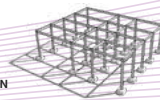
RAINWATER HARVESTING TREATMENT PLAN



SEWAGE TREATMENT PLAN

UTILITY CONCEPT

STRUCTURAL CONCEPT



POST AND LINTEL SYTEM

RECEPTION AREA



DIRECTOR'S OFFICE



STAFF LOUNGE



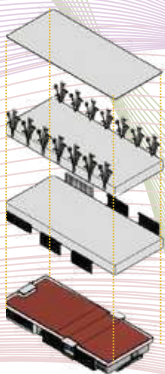


DESIGN CONCEPT

The training center's design cleverly merges functionality and aesthetics. Inspired by the stargazer lily's filamentous form, the building utilizes additive transformation to create a layered exterior that envelops the structure. This serves a dual purpose: the layers themselves act as a privacy mechanism, providing a sense of enclosure and focus for those within. Additionally, these layers incorporate beautiful flower patterns displayed on screens, further echoing the botanical inspiration and enhancing the building's visual appeal.



FORM TRANSLATION



TRAINING Center

The training center within the cut flower research and production facility serves as a dedicated space for knowledge exchange and skill development. Designed to empower the cut flower workforce with the latest techniques and insights in cut flower cultivation, it provides hands-on training, workshops, and educational programs. Through the training center, it shall cultivate expertise, enhance productivity, and foster innovation, ensuring the continuous growth and success of the research and production endeavors in the cut flower industry."



FUNCTIONL ZONING

PRIVATE ZONE:

- STORAGE ROOM
- STAFF RESTROOM / LOUNGE
- SECURITY ROOM
- SPECIMEN RECEIVING AREA

SEMI - PRIVATE ZONE:

- LEARNING RESOURCE CENTER
- FLOWER ARRANGEMENT WORKSHOP
- POST HARVEST LECTURE ROOM
- TISSUE CULTURE LECTURE/LABORATORY
- TRAINING GREENHOUSE
- AUDIO VISUAL ROOM

PUBLIC ZONE:

- LOBBY / REGISTRATION AREA
- STUDENT COMMONS
- RESTROOMS
- COLLABORATIVE CORRIDOR

MATERIAL CONCEPT



WPC WALL PANEL



HIGH PERFORMANCE CONCRETE



HEAT REFLECTIVE PAINT



HOMOGENOUS TILES



LOW E-GLASS



HYBRID SOLAR PANELS SYSTEM



VARIABLE REFRIGERANT VOLUME (VRV)



RAINWATER HARVESTING TREATMENT PLAN

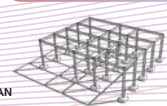


SEWAGE

+

UTILITY CONCEPT

STRUCTURAL CONCEPT



POST AND LINTEL
SYSTEM

INTERIOR & EXTERIOR PERSPECTIVES



NORTH EAST EXTERIOR PERSPECTIVE



SOUTH WEST EXTERIOR PERSPECTIVE



TRAINING GREENHOUSE



RESTROOM



FLOWER WORKSHOP

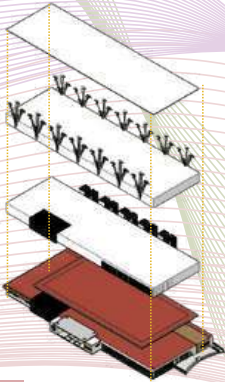


DESIGN CONCEPT

The design multipurpose hall seamlessly blends practicality with beauty. Drawing inspiration from the intricate form of the stargazer lily, the architecture employs additive transformation to construct a multi-layered exterior that embraces the building. This innovative approach serves a twofold function: the layers offer privacy, enclosing the space and directing attention inward. Moreover, these layers feature stunning floral motifs displayed on screens, echoing the natural inspiration, and elevating the visual allure of the structure.

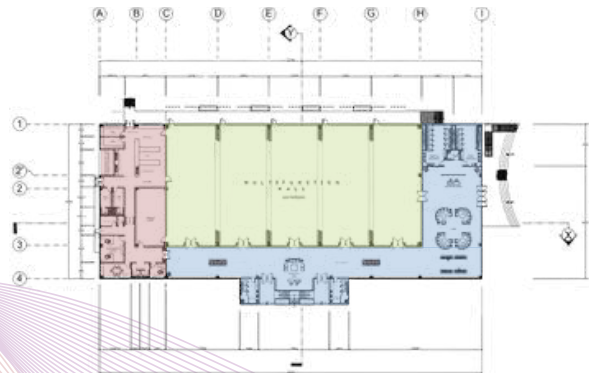


FORM TRANSLATION



MULTIPURPOSE Building

The multipurpose hall within the cut flower research and production facility stands as a versatile space designed to accommodate various needs of the community. With its adaptable layout and state-of-the-art amenities, it serves as a venue for events, seminars, and gatherings, fostering collaboration and networking among industry professionals. Additionally, the hall provides a platform for showcasing research findings, hosting exhibitions, and conducting demonstrations, contributing to the dissemination of knowledge and advancement of the floral industry.



YOU ARE HERE



KEYPLAN

FUNCTIONL ZONING

- PRIVATE ZONE:
- SECURITY OFFICE
 - MANAGEMENT OFFICE
 - STAFF PANTRY
 - STAFF RESTROOM
 - FIRE PUMP ROOM
 - ELECTRICAL ROOM
 - STORAGE ROOM
 - RECEIVING AREA

- SEMI - PRIVATE ZONE:
- MULTI-FUNCTION HALL

- PUBLIC ZONE:
- LOBBY
 - RECEPTION AREA
 - PRE-FUNCTION HALL

MATERIAL CONCEPT



WPC WALL PANEL



HIGH PERFORMANCE CONCRETE



HEAT REFLECTIVE PAINT



HOMOGENOUS TILES



LOW E-GLASS



HYBRID SOLAR PANELS SYSTEM



VARIABLE REFRIGERANT VOLUME (VRV)

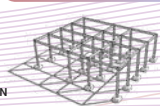


RAINWATER HARVESTING TREATMENT PLAN



SEWAGE

STRUCTURAL CONCEPT



POST AND LINTEL SYTEM

INTERIOR & EXTERIOR PERSPECTIVES



SOUTH WEST EXTERIOR PERSPECTIVE



LOBBY



RECEPTION AREA



NORTH EAST EXTERIOR PERSPECTIVE



MULTIFUNCTION HALL



MULTIFUNCTION HALL

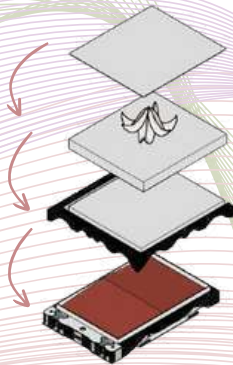


DESIGN CONCEPT

This cut flower research center's design blossoms with inspiration from the stargazer lily. The principle of additive transformation guides the building's form, with cascading "petals" that gracefully envelop the structure, reminiscent of the flower's elegant curves. This approach not only fosters a beautiful and unique research environment, but the layered petals constructed through additive transformation could also serve functional purposes, potentially aiding in temperature regulation or light control to optimize conditions for flourishing floral research.



FORM TRANSLATION



CUT FLOWER RESEARCH Center

The cut flower research center in the facility is a dedicated hub for scientific exploration and innovation in floral cultivation. Equipped with advanced laboratories, research plots, and specialized equipment, it serves as the nucleus for conducting experiments, analyzing data, and developing new varieties of cut flowers. Here, expert researchers collaborate to push the boundaries of knowledge, striving to improve crop yield, quality, and resistance to environmental factors. With its focus on cutting-edge research, the center plays a pivotal role in driving the progress and sustainability of the cut flower industry.



KEYPLAN

FUNCTIONL ZONING

- PRIVATE ZONE:**
- LABORATORY SUPPORT
 - SPECIMEN RECEPTION AND PROCESSING ROOM
 - SPECIMEN STORAGE AREA
 - GERMPLASM BANK
 - STERILIZATION ROOM
 - ENCLOSED LABORATORY
 - OPEN CONCEPT LABORATORY
 - STORAGE AREAS
 - MECHANICAL / ELEC. / FIRE PUMP ROOM / SEC. ROOM
 - MATERIAL STORAGE ROOM
 - COLD STORAGE ROOM
 - TISSUE CULTURE LABORATORY
 - WASTE STORAGE MATERIAL
 - ELECTRICAL ROOM
 - FIRE PUMP ROOM
 - MECHANICAL ROOM

- SEMI - PRIVATE ZONE:**
- RESTROOMS
 - CONFERENCE ROOM
 - LAB MANAGER'S OFFICE
 - SHOWER AREA

- PUBLIC ZONE:**
- LOBBY
 - RECEPTION AREA

MATERIAL CONCEPT



WPC WALL PANEL



HIGH PERFORMANCE CONCRETE



HEAT REFLECTIVE PAINT



HOMOGENOUS TILES



LOW E-GLASS



HYBRID SOLAR PANELS SYSTEM



VARIABLE REFRIGERANT VOLUME (VRV)

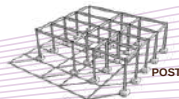


RAINWATER HARVESTING TREATMENT PLAN



SEWAGE

STRUCTURAL CONCEPT



POST AND LINTEL SYTEM

INTERIOR & EXTERIOR PERSPECTIVES



SOUTH WEST EXTERIOR PERSPECTIVE



NORTH EAST EXTERIOR PERSPECTIVE



SOUTH WEST EXTERIOR PERSPECTIVE



LOBBY



OPEN LABORATORIES



LABORATORY SUPPORT



MICROPROPAGATION ROOM

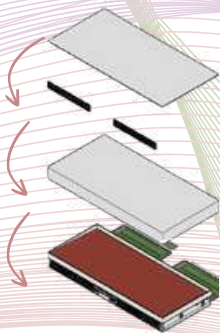


DESIGN CONCEPT

The headhouse and maintenance building embrace a functional and beautiful design concept. Inspired by the stargazer lily's furled petals, the principle of additive transformation is employed to create a layered exterior that envelops the structure. These layers not only echo the flower's form but also serve a vital purpose: sun shading. The building's main feature is a series of sun shading screens adorned with flower patterns. This combination provides both practical benefits and aesthetic appeal, reflecting the important role the headhouse and maintenance building play in nurturing the surrounding beauty.



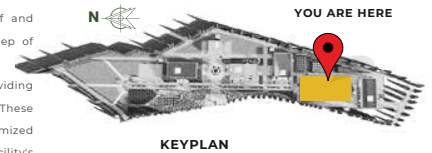
FORM TRANSLATION



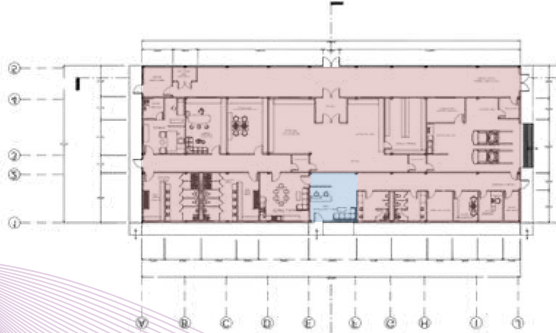
HEADHOUSE, MAINTENANCE, AND GREENHOUSE Building

The head house, maintenance, and greenhouse facilities at the cut flower research and production facility are essential components that support the core operations of the facility. The head house serves as the administrative center, providing office space and logistical support for staff and researchers. Meanwhile, the maintenance facilities ensure the proper functioning and upkeep of equipment and infrastructure, guaranteeing smooth day-to-day operations.

Central to the facility's mission, the greenhouse facilities are the heart of cultivation, providing controlled environments for nurturing and studying a diverse range of cut flower species. These facilities enable researchers to conduct experiments, monitor growth patterns, and develop optimized cultivation techniques. Together, these interconnected facilities form the backbone of the facility's research and production efforts, driving innovation and advancement in the cut flower industry.



KEYPLAN



FUNCTIONAL ZONING

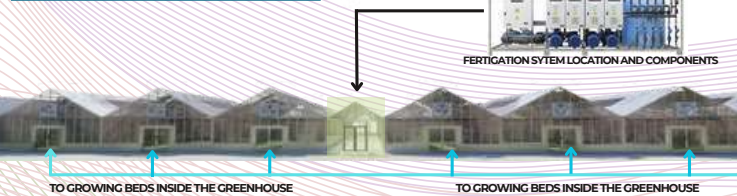
PRIVATE ZONE:

- STAFF LOUNGE
- STAFF RESTROOM
- STAFF LOCKER
- GREENHOUSE MANAGER'S OFFICE
- GREENHOUSE RECORDS AND CONTROL ROOM
- FLAT FILLING AND MEDIA PREP AREA
- TRANSPLANT AREA
- GROWTH CHAMBER
- MEDIA MIX PREP AREA
- PESTICIDE / FERTILIZER STORAGE ROOM
- STORAGE AREA
- CLINIC
- SECURITY OFFICE
- MAINTENANCE OFFICE
- MAINTENANCE SUPERVISOR'S OFFICE
- MAINTENANCE RECORDS ROOM
- FERTIGATION SYSTEM ROOM
- GREENHOUSE
- FIRE PUMP ROOM
- ELECTRICAL ROOM

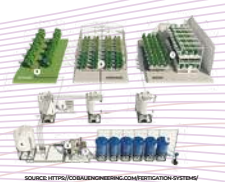
PUBLIC ZONE:

- LOBBY
- RECEPTION AREA
- RESTROOM

GREENHOUSE SPECIALIZED IRRIGATION SYSTEM DIAGRAM (FERTIGATION SYSTEM)



FERTIGATION SYSTEM PROCESS



INTERIOR & EXTERIOR PERSPECTIVES



SOUTH EXTERIOR PERSPECTIVE



SOUTH WEST EXTERIOR PERSPECTIVE



LOBBY



CLINIC



GROWTH CHAMBER



GREENHOUSE MANAGER'S OFFICE



GREENHOUSE



RESTROOM



FLAT FILLING AREA



TRANSPLANTING AREA

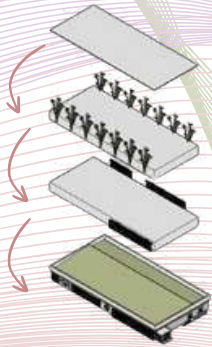


DESIGN CONCEPT

The post harvest facility's design concept exemplifies harmony between form and function. Drawing inspiration from the stargazer lily's furled form, the building utilizes the principle of additive transformation. Layers reminiscent of both the flower's delicate filaments and its protective petals envelop the structure. This captivating design isn't purely aesthetic; the very form offers functionality. The building's main feature, the brise soleil, echoes the layered design and provides essential sun shading, ensuring optimal conditions for the vital post-harvest processes within.



FORM TRANSLATION



POST- HARVEST Facility

The post-harvest facility within the cut flower research and production facility is a crucial hub for ensuring the quality and longevity of harvested blooms. Equipped with specialized equipment and storage solutions, it serves as the final stage in the production process, where flowers are processed, graded, and prepared for distribution. With a focus on preserving freshness and enhancing shelf life, the facility plays a vital role in maintaining the integrity of the flowers from harvest to market, ensuring customer satisfaction and market competitiveness.



KEYPLAN

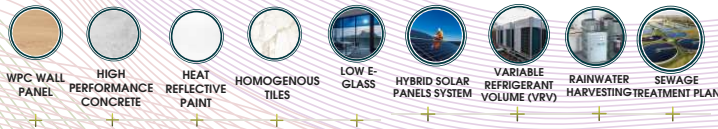
FUNCTIONAL ZONING

- PRIVATE ZONE:**
 - RECEIVING / MONITORING AREA
 - RECEIVING AND ASSEMBLING AREA
 - CONDITIONING ROOM
 - PRE-COOLING ROOM
 - PULSING AREA
 - GRADING AREA
 - BUNCHING & SLEEVING AREA
 - PACKING AREA
 - WET STORAGE
 - DRY STORAGE
 - TEMPERATE STORAGE COOLER
- CHEMICAL AND TREATMENT SUPPLY ROOM**
- EQUIPMENT AND SUPPLY STORAGE**
- DISPATCHING / MONITORING AREA**
- STAFF LOUNGE**
- STAFF RESTROOM**
- STAFF LOCKER**
- STAFF STORAGE ROOM**
- SECURITY OFFICE**
- POST HARVEST MANAGER'S OFFICE**
- WASTE STORAGE AREA**
- MECHANICAL ROOM**
- ELECTRICAL ROOM**
- FIRE PUMP ROOM**

- SEMI - PRIVATE ZONE:**
 - RESTROOMS

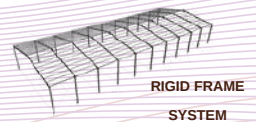
- PUBLIC ZONE:**
 - LOBBY
 - RECEPTION AREA

MATERIAL CONCEPT



UTILITY CONCEPT

STRUCTURAL CONCEPT



INTERIOR & EXTERIOR PERSPECTIVES



RESTROOM

INSIDE COOLERS



PROCESSING AREA

MANAGER'S OFFICE

08

THE BREW HOUSE

COFFEE SHOP



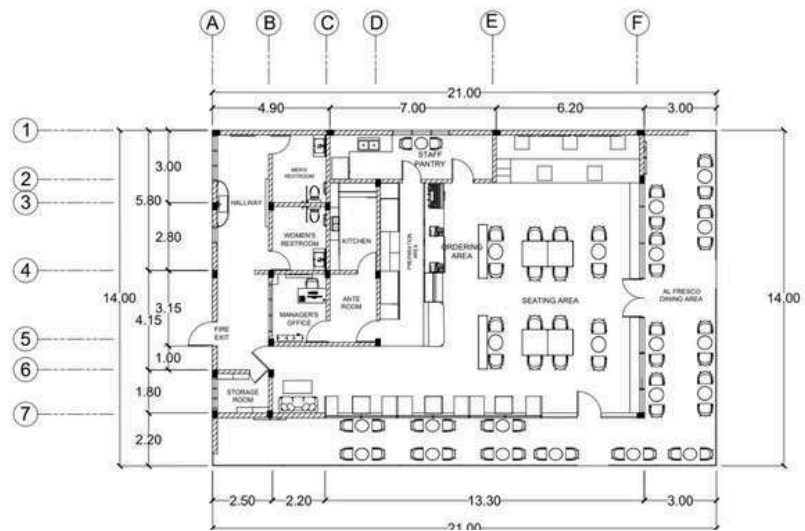


THE BREW HOUSE COFFEE SHOP

Type: Commissioned Work
Location: Fairview, PH
Climate: Tropical
Site Area: 294 m2

The brew house features a modern Japanese Zen minimalist coffee shop design which aims to create a harmonious and calming environment where customers can savor their coffee while finding a moment of peace and tranquility in their busy lives. The exterior design often features clean lines and a neutral color palette, with natural materials like wood and stone used to create a warm and inviting atmosphere. The interior design incorporates minimal furniture and decor, emphasizing functionality and simplicity. Natural light is maximized through large windows or skylights, providing a connection to the outside environment and creating a sense of openness.

GROUND FLOOR PLAN



P E R S P E C T I V E S



... THANK YOU ...