

GRADUATE  
ARCHITECT

DAVID OSARUME  
COLE



SELECTED WORKS  
2021-2023

PORT  
FOLIO

DAVID OSARUME  
COLE

PROFILE

A Graduate of ARCHITECTURE, passionate about using architecture to enhance communities and inspire social change, with a respect for cultural heritage. My creative inspiration is drawn from curiosity, and to recognize design's potential for positive impact and sustainability. I Aim to create purposeful spaces that honor culture while meeting diverse needs. I also seek to encourage community through collaboration, and storytelling, while leveraging architecture as a tool for societal improvement.



CONTACT

Email: osarumed@gmail.com  
900104 FCT,ABUJA,NIGERIA  
LINKEDIN: OSARUME(DAVID) COLE  
INSTAGRAM: RUME\_COLE

CURRICULUM  
VITAE

EDUCATION

2024-2026	University of Lagos, Lagos, Nigeria. M.E.D Architecture
2018-2023	University of Benin, Benin City, Nigeria. BSc. Architecture
2017-2018	University of Benin, Benin City, Nigeria. A LEVEL DIPLOMA (JUPEB)
2015-2017	COMMUNITY STAFF SCHOOL ASOKORO WASSCE

EXPERIENCES

FEB 2025- AUG 2025	PETIT-HAUS, LEKKI, LAGOS JUNIOR DESIGN ARCHITECT
SEPT 2023-JULY 2024	MINISTRY OF HOUSING AND URBAN PLANNING, EKITI: INTERN ARCHITECT (NYSC)
MAY 2023-JULY 2023	NEIGHBOURHOOD TURNKEY PROJECT, BENIN CITY JUNIOR ARCHITECT
APRIL 2021- AUG 2021	BRAINS AND HAMMERS, FCT ABUJA INTERNSHIP

SOFTWARE SKILLS

DRAFTING	AUTOCAD
BIM/MODELING	ARCHICAD SKETCHUP 3DS MAX
RENDERING	TWINMOTION ARTLANTIS CORONA

LANGUAGES

ENGLISH



# CONTENT



MASS HOUSING

SHEET NO1-10



EDO MUSEUM

SHEET NO11-22



LITTLE BIG HOME

SHEET NO23-36



RAVAMP

SHEET NO37-48



# MASS HOUSING

## LOW COST RESIDENTIAL PROJECT

PROJECT TYPE	RESIDENTIAL
PROJECT YEAR	23 MARCH 2023
SOFTWARE'S	ARCHICAD TWINMOTION

### OVERVIEW

An ongoing proposal designed by Neighbourhood Turnkey Projects, with a primary objective is to solve the pressing housing need in Edo State, Nigeria. The initiative aims to offer housing solutions tailored for the low-income segment of society.

The Idea guiding this endeavor is the implementation of sustainable practices. By integrating sustainable measures into the design and construction processes, the project seeks to create accommodations that are both environmentally responsive and economically feasible.

PROJECT DESIGNED BY ARC CECELIA  
ATOHENGBE AND DAVID OSARUME COLE





# DESIGN CONCEPT

The concept entails creating housing solutions tailored for the lower class of Benin society, achieved through the integration of innovative and sustainable materials and construction techniques. The occupants' comfort is a primary consideration in this endeavor.

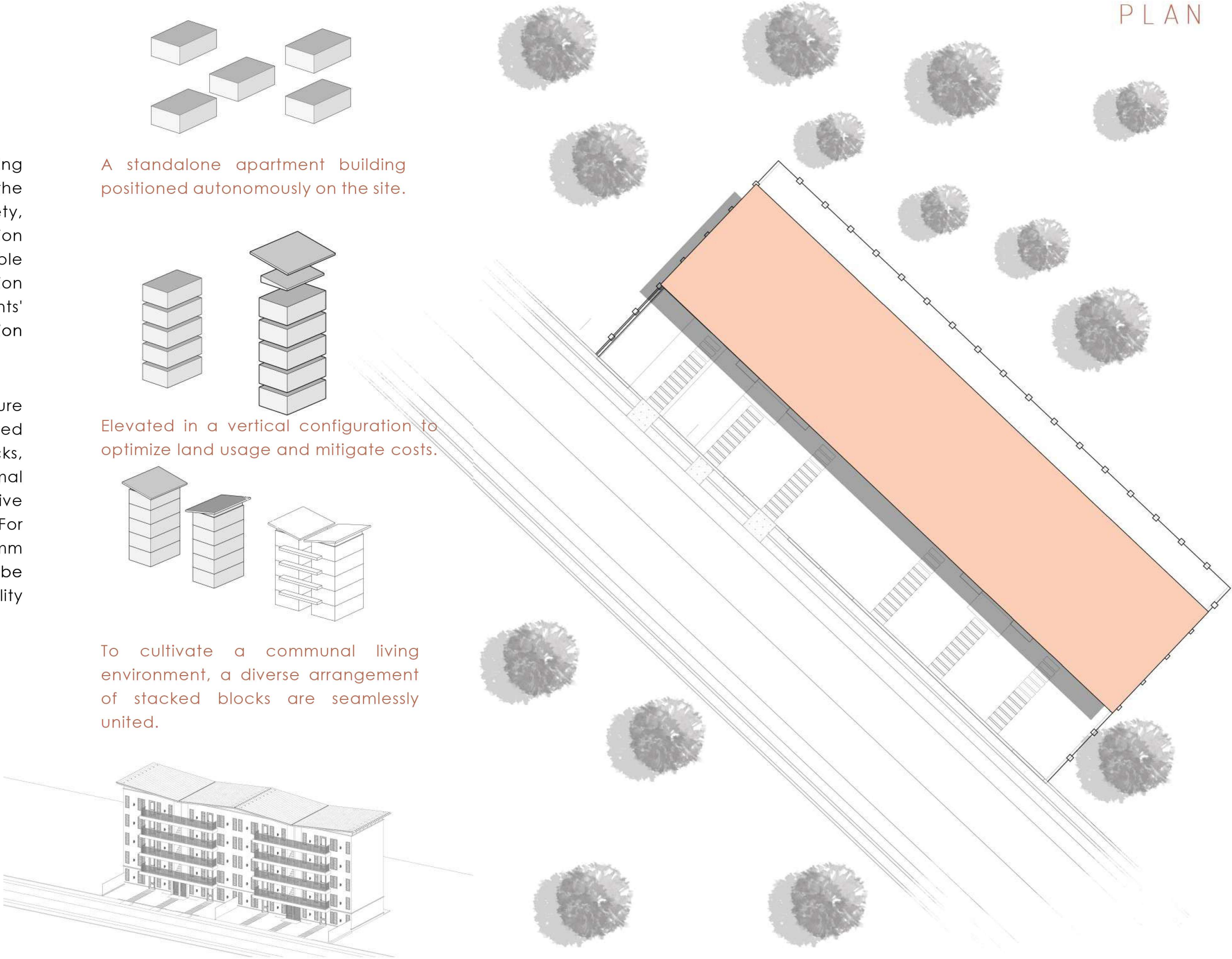
The external walls of the structure are planned to be constructed using compressed earth bricks, chosen for their excellent thermal insulation properties and effective soundproofing qualities. For interior partition walls, a 75mm ETEX fiber cement board will be utilized, ensuring both durability and efficient space division.

A standalone apartment building positioned autonomously on the site.

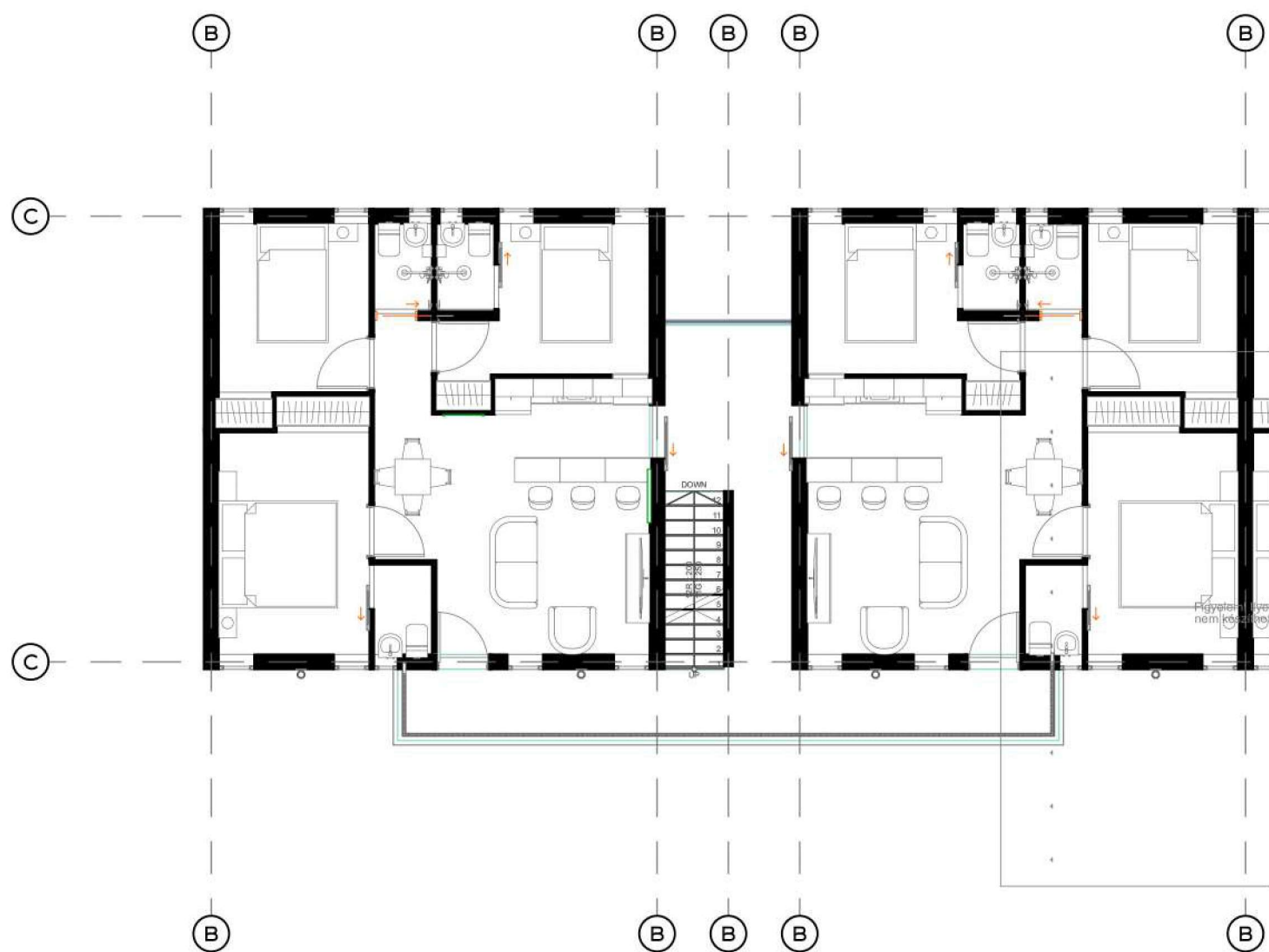
Elevated in a vertical configuration to optimize land usage and mitigate costs.

To cultivate a communal living environment, a diverse arrangement of stacked blocks are seamlessly united.

# SITE PLAN



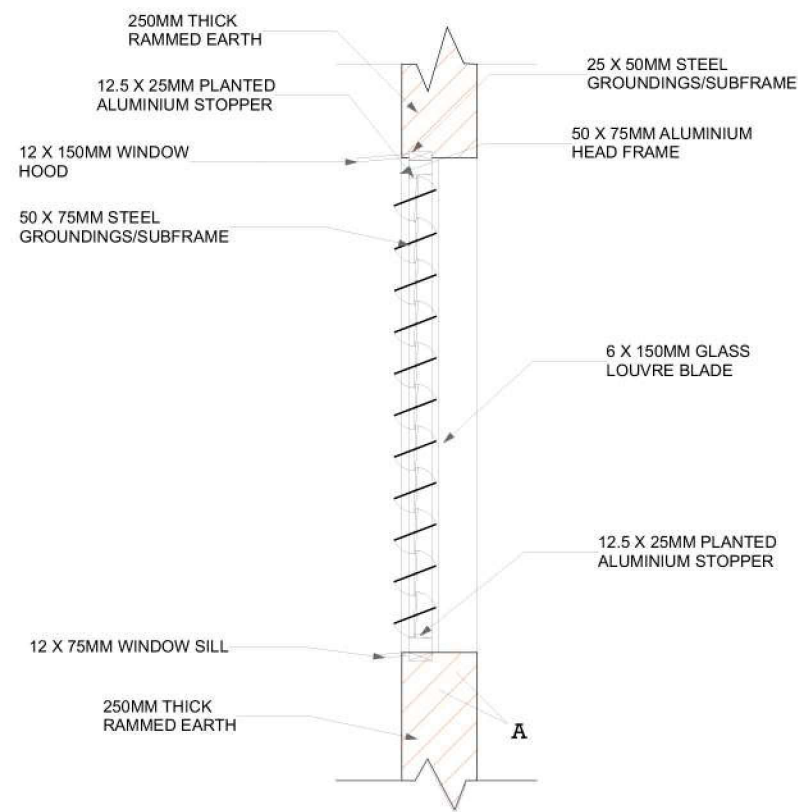






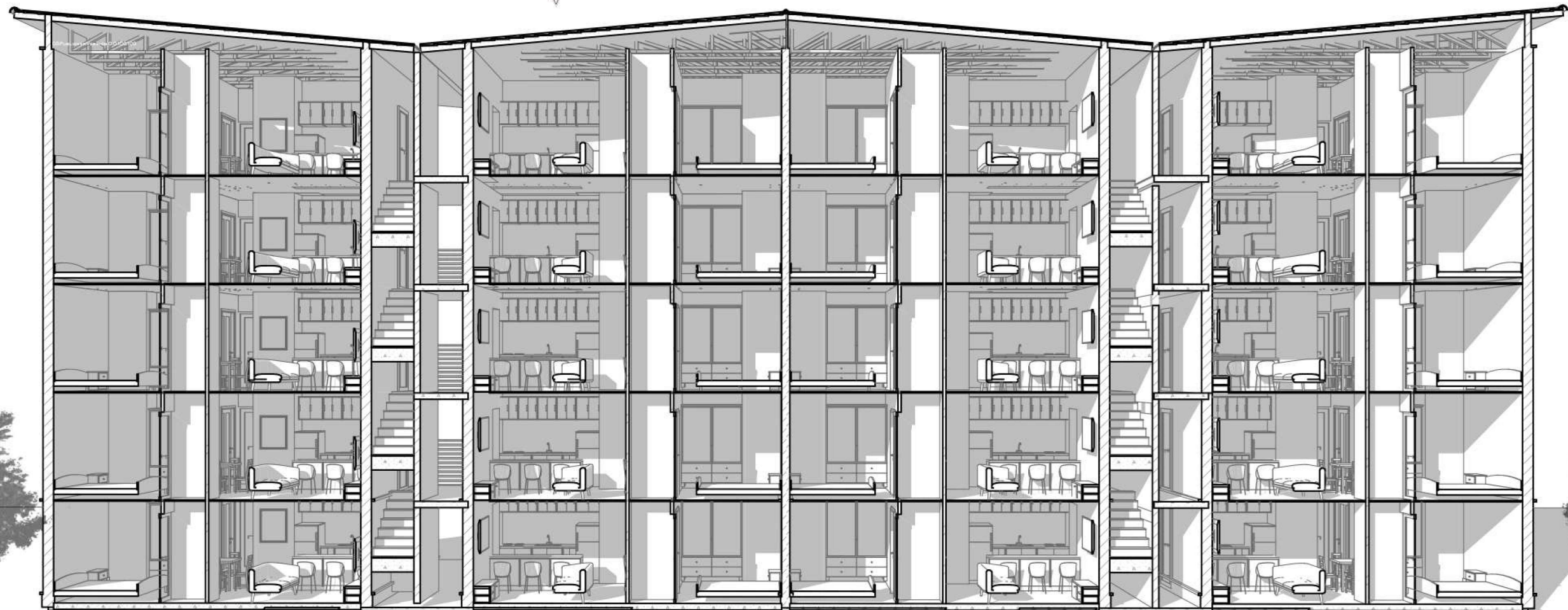
LOUVRE  
DETAIL

To ensure effective airflow and ventilation within the structure, louvre windows will be implemented.



3D  
SECTION

The roof's configuration takes on a butterfly shape to enable efficient rainwater collection and to accommodate the positioning of photovoltaic panels, providing renewable energy for the inhabitants. This approach contributes to the creation of a self-sustaining architectural framework.









# OKHA-NOMA

## EDO MUSEUM OF ART AND CULTURE

PROJECT TYPE	4TH YEAR DESIGN STUDIO
PROJECT YEAR	OCTOBER 2022
SOFTWARE	ARCHICAD TWINMOTION

### OVERVIEW

IN MY FOURTH-YEAR DESIGN STUDIO, I'VE BEEN TASKED WITH CREATING A DESIGN FOR AN EDO MUSEUM OF ART AND CULTURE. THE PRIMARY OBJECTIVES OF THIS MUSEUM PROJECT ARE TO PROVIDE A HOME FOR THE RECLAIMED BENIN ARTIFACTS, SHOWCASE CONTEMPORARY ARTWORKS, AND OFFER AN IMMERSIVE JOURNEY THROUGH THE RICH HISTORY OF THE BENIN CULTURE.





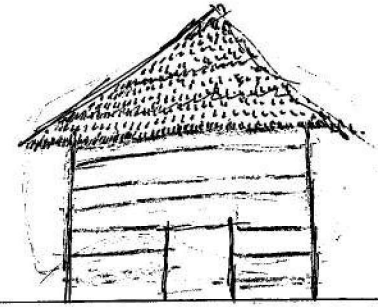
# CONCEPT

## OKHA NOMA

### BLENDING THE OLD WORLD WITH THE NEW

Change, development, and progress are enduring phenomena that have existed since the dawn of history. With a solid basis in the case study and thorough analysis, a concept emerged. "Okha NOMA," a Benin term signifying "a good story," encapsulates the narrative of Benin architecture's evolution. This concept draws inspiration from the harmonious integration of traditional and modern architectural elements, effectively narrating the tale of evolution. The objective is to create a structure that serves as a reminder of the past, not for dwelling, but to ignite aspirations for the future of Benin architecture.

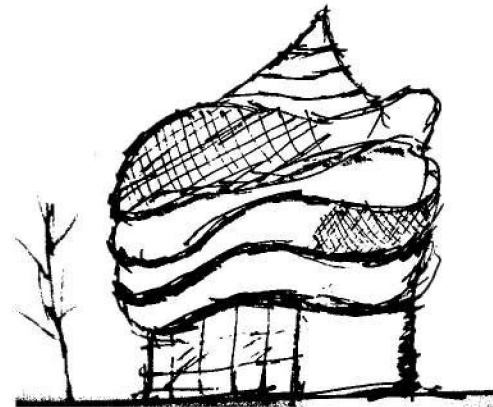
Patterns and fractals are inherent to Benin culture, and these design elements have been incorporated into the exterior facade of the museum.



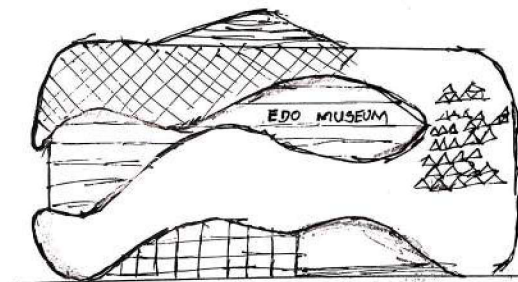
A typical benin hut with fluted walls



Transforming the fluted wall into a fluid structure by incorporating curves.



completed sketch of the more fluid structure with the hatching representing benin patterns

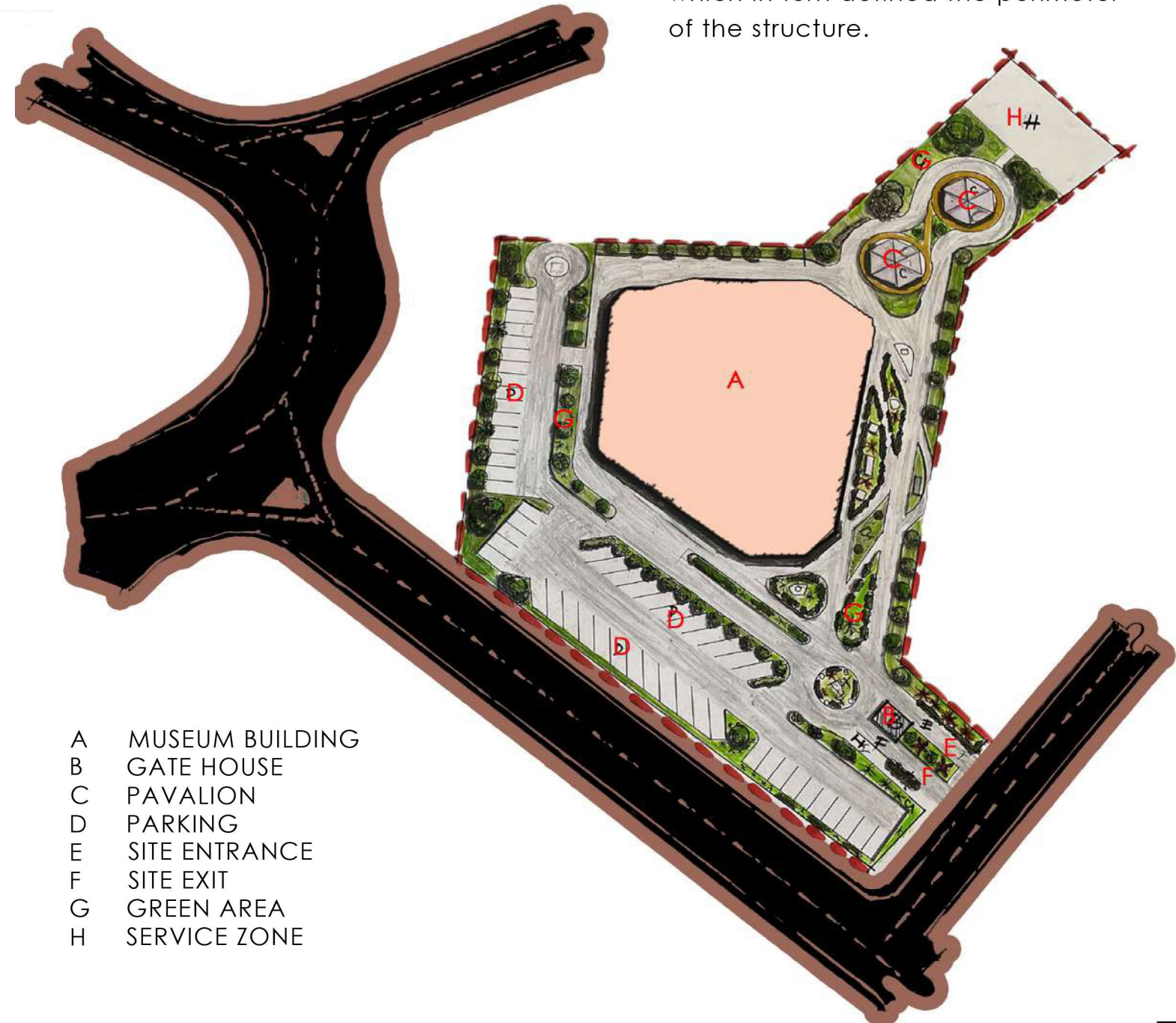
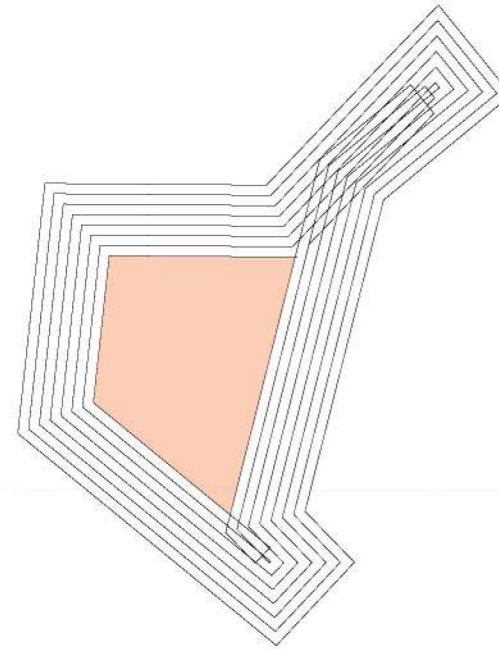


After undergoing extensive critiques and thorough considerations, the final design has been established

# SITE PLAN

The Benin people are known for their exceptional urban planning and spatial organization. Over time, their city grew outward from the central core, defining its limits in the process.

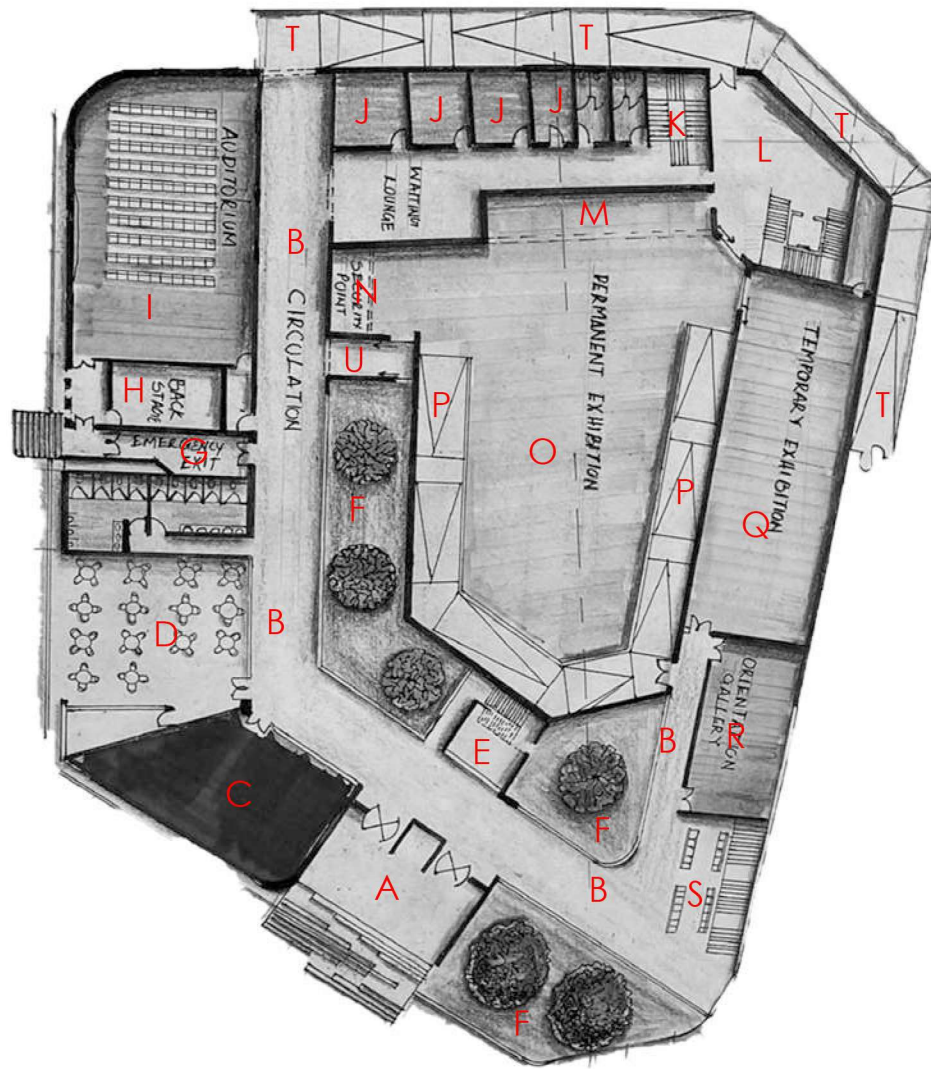
Drawing inspiration from the Benin's approach, the opposite concept was employed by contracting the site's boundaries (radiating inward), which in turn defined the perimeter of the structure.



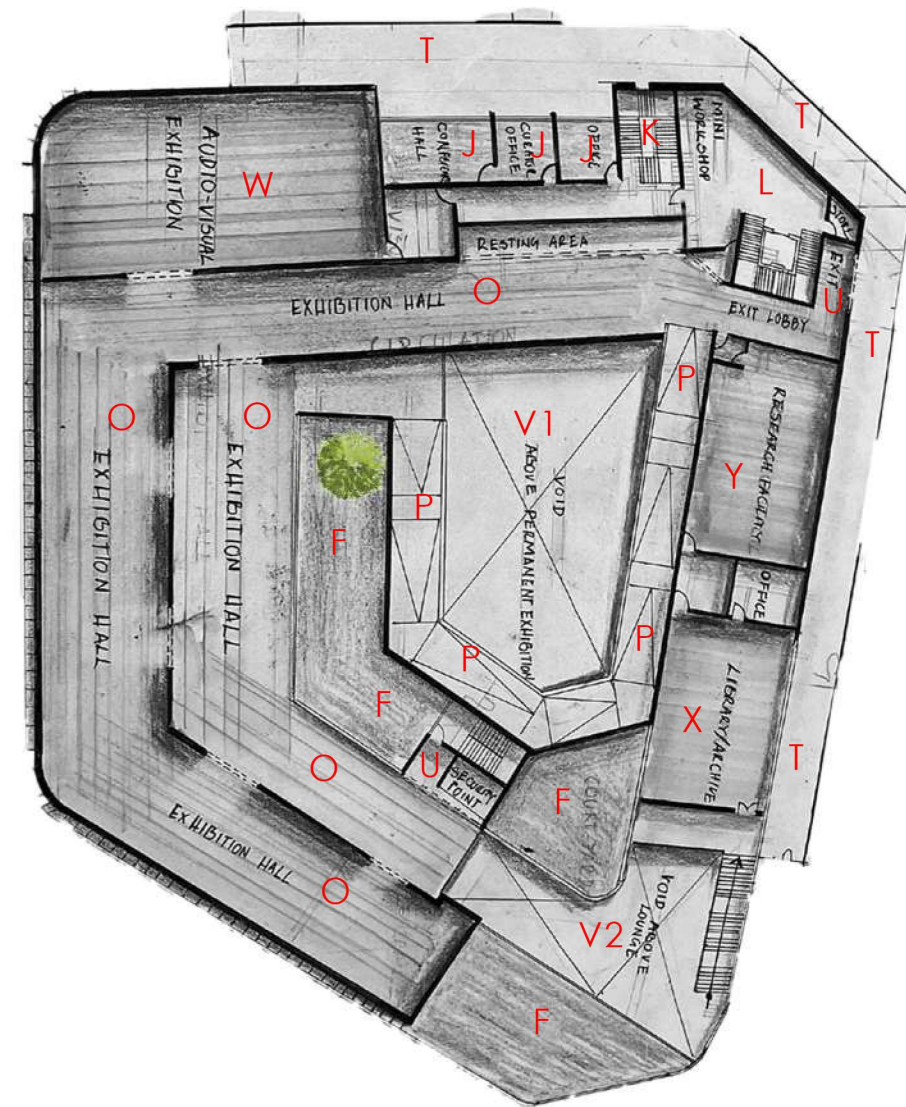
- A MUSEUM BUILDING
- B GATE HOUSE
- C PAVILION
- D PARKING
- E SITE ENTRANCE
- F SITE EXIT
- G GREEN AREA
- H SERVICE ZONE



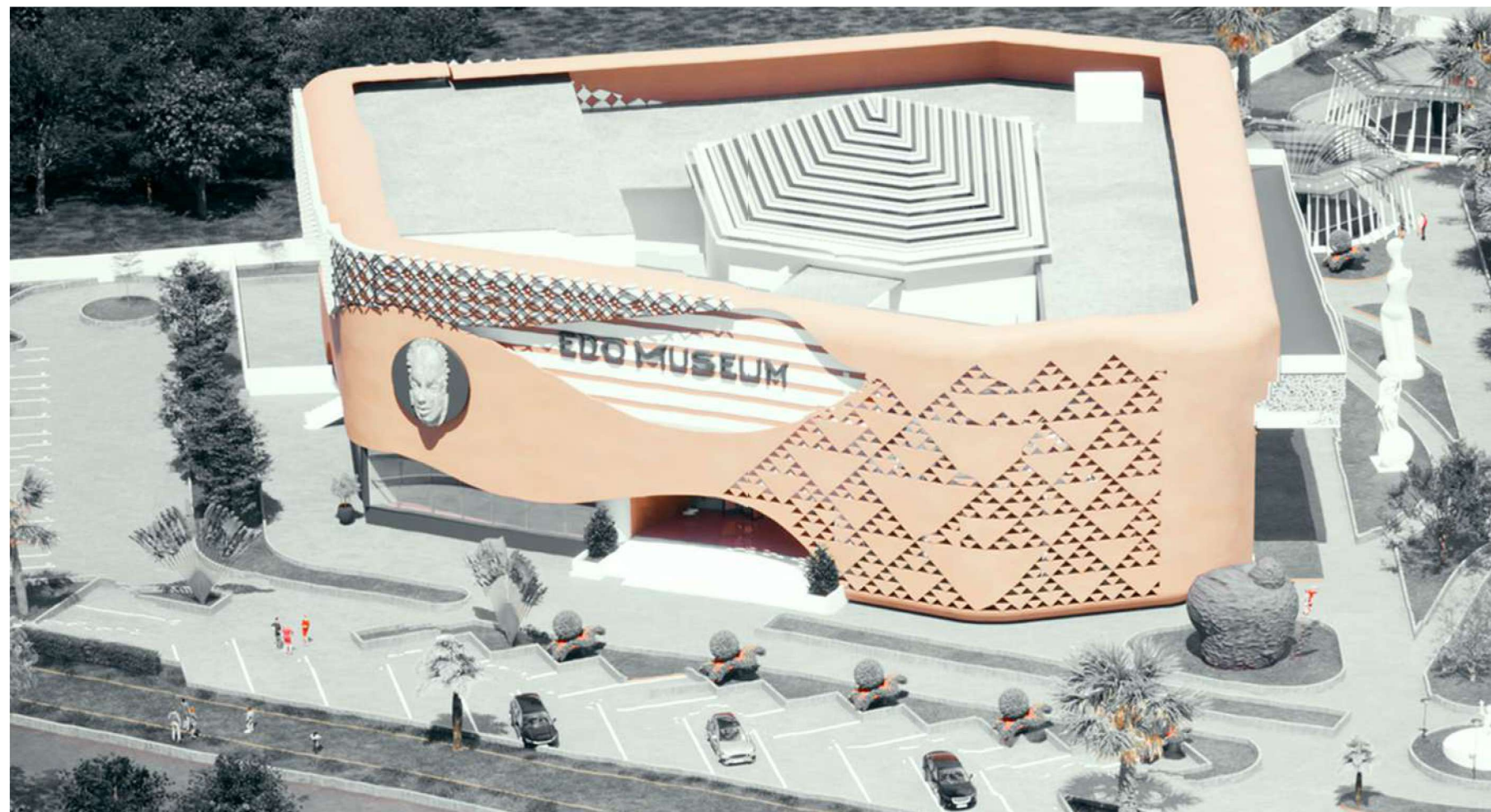
- A ENTRANCE
- B CIRCULATION
- C GIFT SHOP
- D CAFE
- E RECEPTION
- F COURT YARD
- G EMERGENCY EXIT
- H BACK STAGE
- I AUDITORIUM
- J OFFICE'S
- K STAFF STAIRCASE
- L SERVICE AREA
- M ARTEFACT SHRINE
- N SECURITY POINT
- O EXHIBITION HALL
- P RAMP GOING UP
- Q TEMPORARY EXHIBITION
- R ORIENTATION GALLERY
- S WAITING LOUNGE
- T EXIT RAMP



- F COURT YARD
- J OFFICE'S
- K STAFF STAIRCASE
- L SERVICE AREA
- O EXHIBITION HALL
- P RAMP GOING UP
- Q TEMPORARY EXHIBITION
- R ORIENTATION GALLERY
- S WAITING LOUNGE
- T EXIT RAMP
- U EXHIBITION HALL EXIT
- V1 VOID OVER EXHIBITION
- V2 VOID OVER LOUNGE
- W AUDIO VISUAL EXHIBITION
- X LIBRARY
- Y RESEARCH FACILITY



Upon arrival, visitors are greeted by a gracefully curved facade that imparts a futuristic sensation. Upon entering the edifice, the walls are constructed from rammed earth, creating a tactile connection with history and nature. The receptionist warmly welcomes them, and inviting courtyards infuse the space with natural light. The rightward path guides visitors to the exhibition halls, an orientation gallery, and the library, where an enriching experience awaits. Conversely, turning left leads to the gift shop, a café, an auditorium for gatherings, and the staff offices, offering a

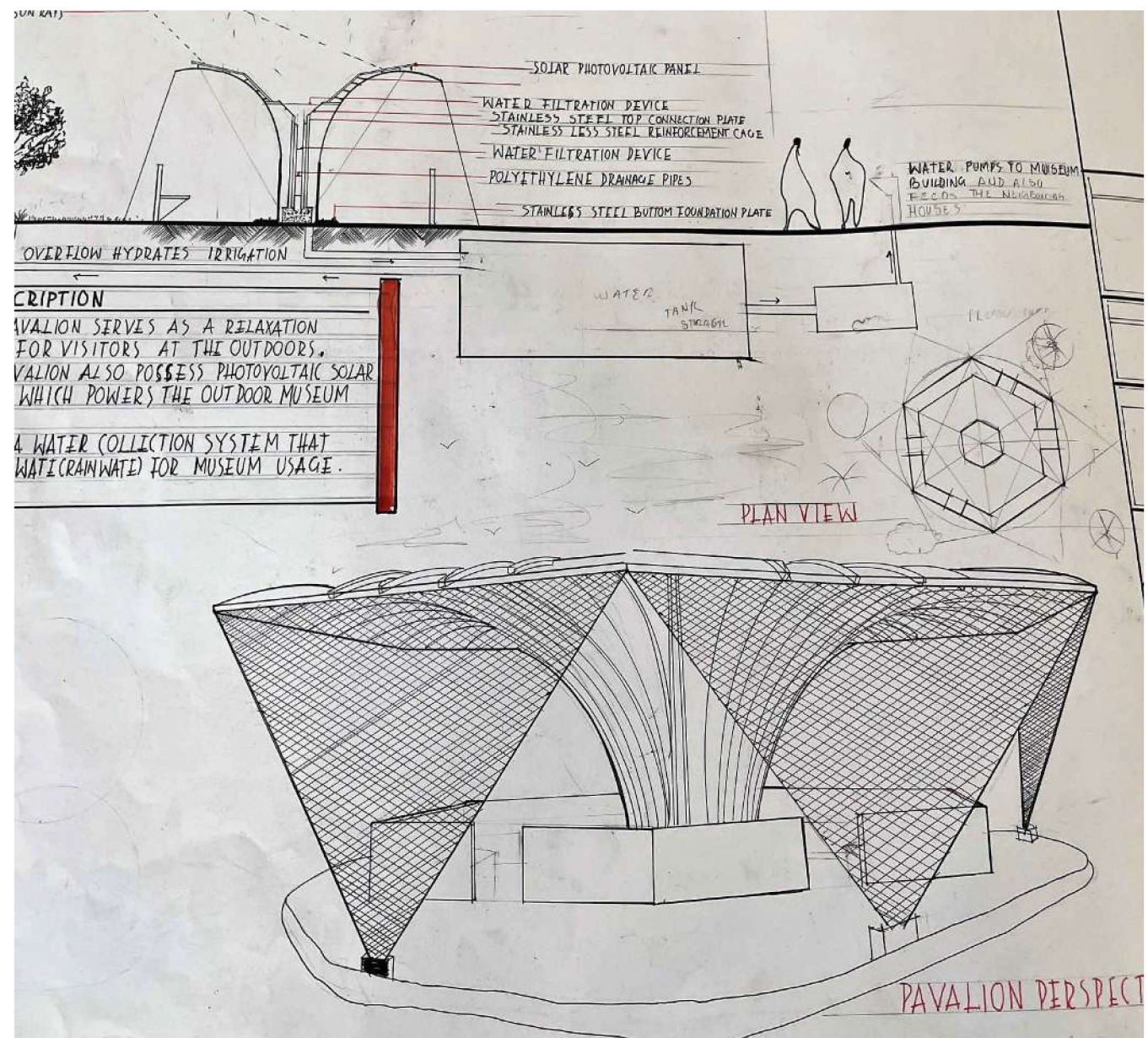


The exhibition gallery is meticulously designed to guide visitors on a transitional voyage. Starting from the ground floor, they ascend through ramps (P) that connect the first and second floors. This progressive layout narrates the stories of the Benin culture, employing artifacts, paintings, and cutting-edge audio-visual technology. Strategically positioned exit doors (U) offer visitors the choice to conclude their journey when desired. Additionally, a dedicated exit ramp (T) is situated at the building's side, serving as both an exit and an escape route, leading individuals back to the



# PAVALION DESIGN

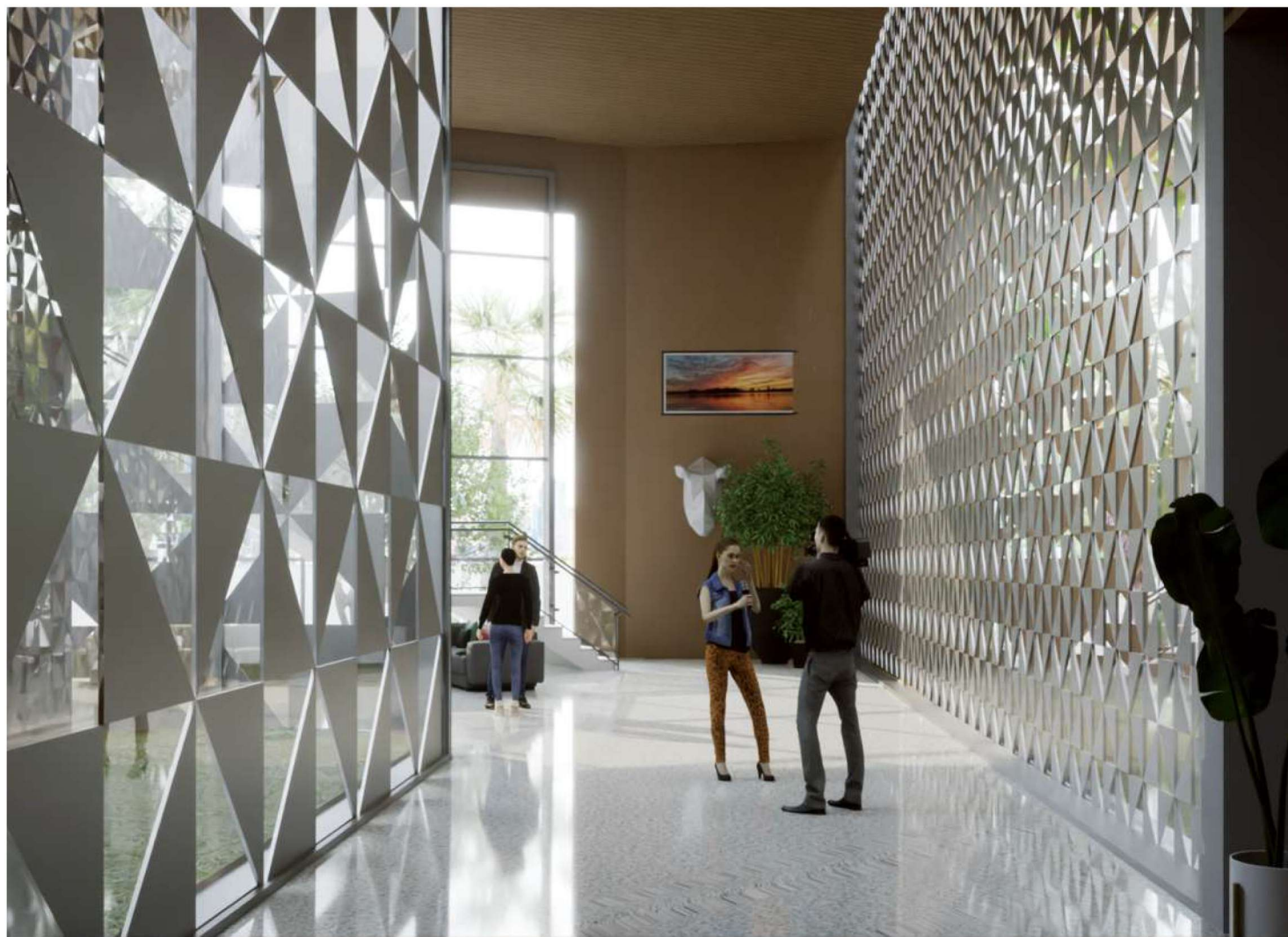
The pavilion is crafted in a distinctive funnel shape, deliberately designed to facilitate rainwater collection, serving both the operational needs of the museum and the local community. Additionally, it functions as a tranquil haven for visitors, offering a serene vantage point to admire the landscape and sculptures while enjoying moments of relaxation.













# LITTLE BIG HOME

## DESIGN COMPETITION

PROJECT TYPE	RESIDENTIAL
PROJECT YEAR	28 AUGUST 2022
SOFTWARE	ARCHICAD TWINMOTION

### OVERVIEW

I participated in a design competition that required the creation of an eco-friendly apartment to accommodate a family of five on a 450sqm piece of land. The design criteria emphasized the integration of innovative approaches, effective waste management strategies, and optimal thermal comfort. Additionally, the competition brief highlighted that the family's income was 150 thousand Naira (equivalent to 300 dollars at that time).





# THE SITE ANALYSIS

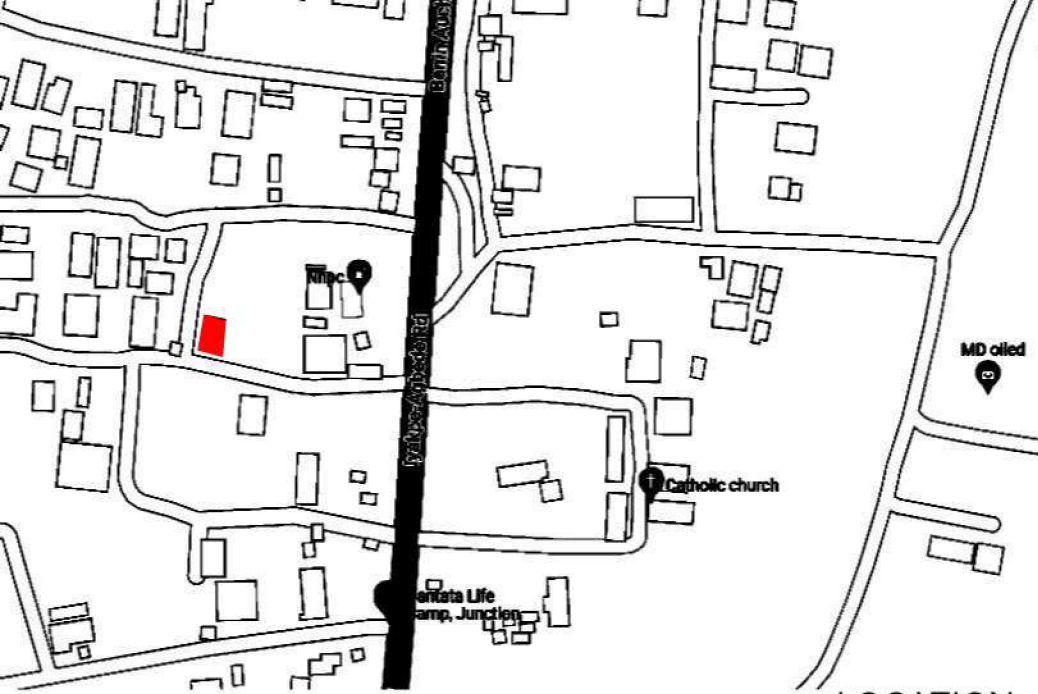
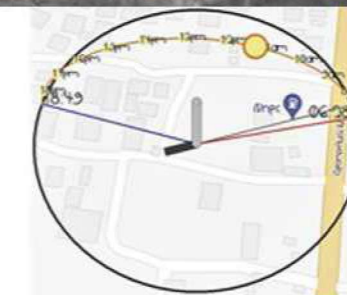
## CLIMATIC DATA



## TEMPERATURE

THE HOT SEASON LASTS FOR 2.4 MONTHS, FROM JANUARY 22 TO APRIL 4, WITH AN AVERAGE DAILY HIGH TEMPERATURE ABOVE 89°F. THE HOTTEST MONTH OF THE YEAR IN AUCHI IS MARCH, WITH AN AVERAGE HIGH OF 89°F AND LOW OF 73°F. THE COOL SEASON LASTS FOR 4.1 MONTHS, FROM JUNE 17 TO OCTOBER 21, WITH AN AVERAGE DAILY HIGH TEMPERATURE BELOW 84°F. THE COLDEST MONTH OF THE YEAR IN AUCHI IS DECEMBER, WITH AN AVERAGE LOW OF 67°F AND HIGH OF 87°F.

## THE SITE

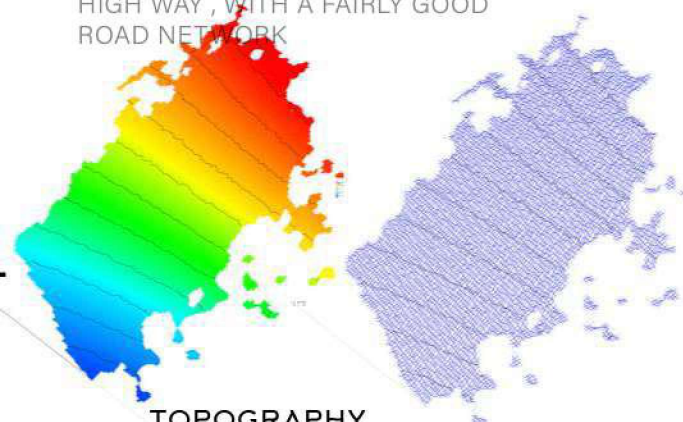


## LOCATION

IT IS A 450SQM SITE LOCATED ON STREET THE RESIDENCE CALL CROOKER STREET, BEHIND NNPC MEGA STATION, ALONG IYAKPE-AGBEDE ROAD, AVIELE, EDO STATE, NIGERIA

## ACCECIBILITY AND CIRCULATION

SITE IS EASILY ACCESSIBLE FROM HIGH WAY, WITH A FAIRLY GOOD ROAD NETWORK



## TOPOGRAPHY

THE SIGHT IS STEEP, SLOPING TOWARDS THE SOUTH, WITH LESS DENSE VEGETATION AND PRESENCE OF PALM TREES WITH A 3D SHEMATIC DIAGRAM OF THE SITE SHOWING ITS CONTOUR LINES AND LEVEL OF SLOPE

## SOURCE OF WATER

RAIN WATER WOULD BE UTILIZED DUE TO THE HIGH RATE OF BOREHOLE DRILLING

## SOURCE OF ELECTRICITY

SOURCE OF ELECTRICITY FROM POWER HOLDING COMPANY

## ADJOINING PROPERTIES

PRESENCE OF RESIDENTIAL APPARTMENT

## NOISE

MAJOUR SOURCE OF NOISE FROM HIGH WAY AND M NNPC MEGA STATION

## POLLUTION

SOURCE OF POLLUTION IS MAINLY FROM THE NNPC MEGA STATION AND HIGH WAY

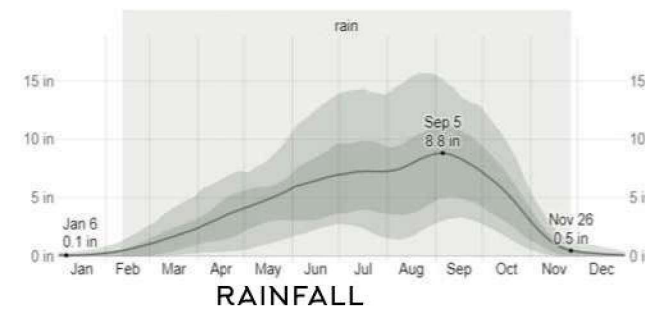
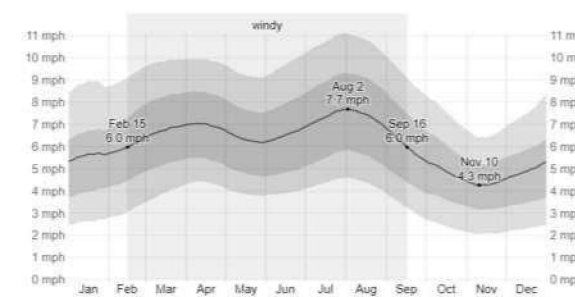


## SITE ZONING

THE SITE IS ZONED INTO NOISY AND QUET ZONE WHERE THE NOISY ZONE IS CLOSER TO THE HIGH WAY AND MEGA STATION AND THE QUET ZONE IS CLOSE THE THE RESIDENTIAL BUILDINGS

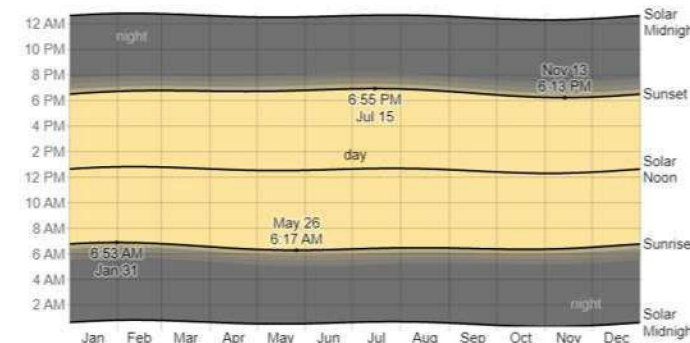
## AVERAGE WIND SPEED

THE WINDIER PART OF THE YEAR LASTS FOR 7.0 MONTHS, FROM FEBRUARY 15 TO SEPTEMBER 16, WITH AVERAGE WIND SPEEDS OF MORE THAN 6.0 MILES PER HOUR. THE WINDIEST MONTH OF THE YEAR IN AUCHI IS JULY, WITH AN AVERAGE HOURLY WIND SPEED OF 7.4 MILES PER HOUR. THE CALMER TIME OF YEAR LASTS FOR 5.0 MONTHS, FROM SEPTEMBER 16 TO FEBRUARY 15. THE CALMEST MONTH OF THE YEAR IN AUCHI IS NOVEMBER, WITH AN AVERAGE HOURLY WIND SPEED OF 4.4 MILES PER HOUR. THE WIND IS MOST OFTEN FROM THE WEST FOR 10 MONTHS, FROM JANUARY 22 TO NOVEMBER 29, WITH A PEAK PERCENTAGE OF 76% ON AUGUST 6. THE WIND IS MOST OFTEN FROM THE EAST FOR 1.8 MONTHS, FROM NOVEMBER 29 TO JANUARY 22, WITH A



## RAINFALL

THE RAINY PERIOD OF THE YEAR LASTS FOR 9.5 MONTHS, FROM FEBRUARY 11 TO NOVEMBER 26, WITH A SLIDING 31-DAY RAINFALL OF AT LEAST 0.5 INCHES. THE MONTH WITH THE MOST RAIN IN AUCHI IS SEPTEMBER, WITH AN AVERAGE RAINFALL OF 8.4 INCHES. THE RAINLESS PERIOD OF THE YEAR LASTS FOR 2.5 MONTHS, FROM NOVEMBER 26 TO FEBRUARY 11. THE MONTH WITH THE LEAST RAIN IN AUCHI IS JANUARY, WITH AN AVERAGE RAINFALL OF 0.1 INCHES.



## SUNRISE AND SUNSET

THE EARLIEST SUNRISE IS AT 6:17 AM ON MAY 26, AND THE LATEST SUNRISE IS 36 MINUTES LATER AT 6:53 AM ON JANUARY 31. THE EARLIEST SUNSET IS AT 6:13 PM ON NOVEMBER 13, AND THE LATEST SUNSET IS 42 MINUTES LATER AT 6:55 PM ON JULY 15

## SITE SECTION

RESL/NIA/1140





# DESIGN CONCEPT

\* BLENDING THE OLD WORLD WITH THE NEW

\*HAVING A RELATIONSHIP BETWEEN  
NATURE AND MAN ( BLENDING INDOOR  
SPACE AND THE OUTDOORS)

"There is no future without the past"  
underscores the importance of  
comprehending our history to propel us  
forward. Drawing inspiration from Benin  
architecture, our objective was to fashion  
an environmentally conscious structure.  
We achieved this by incorporating  
courtyards and ensuring seamless  
movement from the exterior to the interior,  
mirroring the architectural elements of  
Benin design.

The architectural plan was crafted with a  
nod to Benin architecture, wherein a  
distinct zoning of public and private areas  
was adopted. This was achieved by  
incorporating a central courtyard that  
serves as a connecting link between these  
two distinct spaces.

# SITE PLAN

MOSQUITO REPELANT PLANT  
PLACE ROUND THE BUILDING  
WHICH ARE MINT PLANT,  
ALLIUM, SAGE , LEMON  
GRASS AND FLOSS FLOWER,



SAGE PLANT



LEMON GRASS



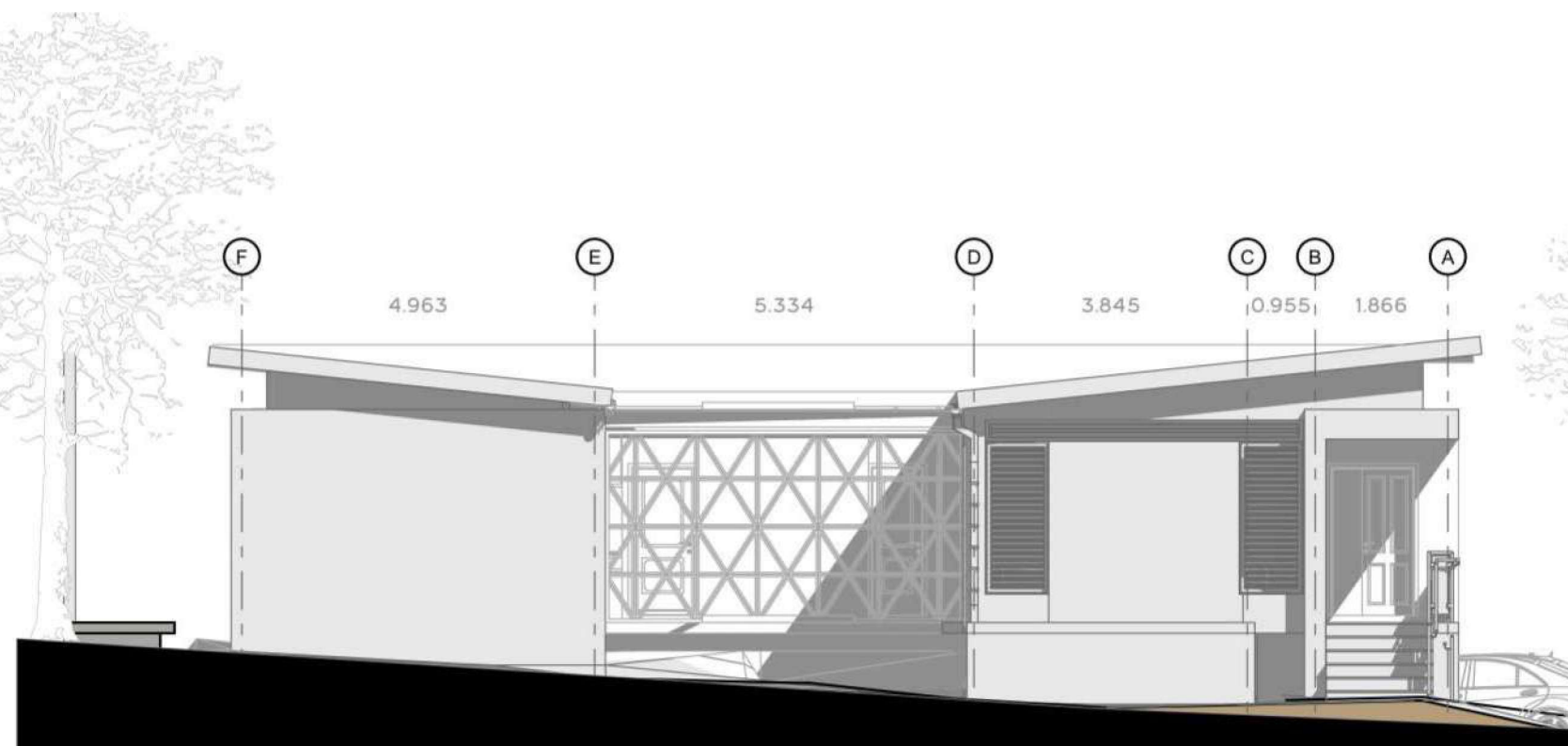
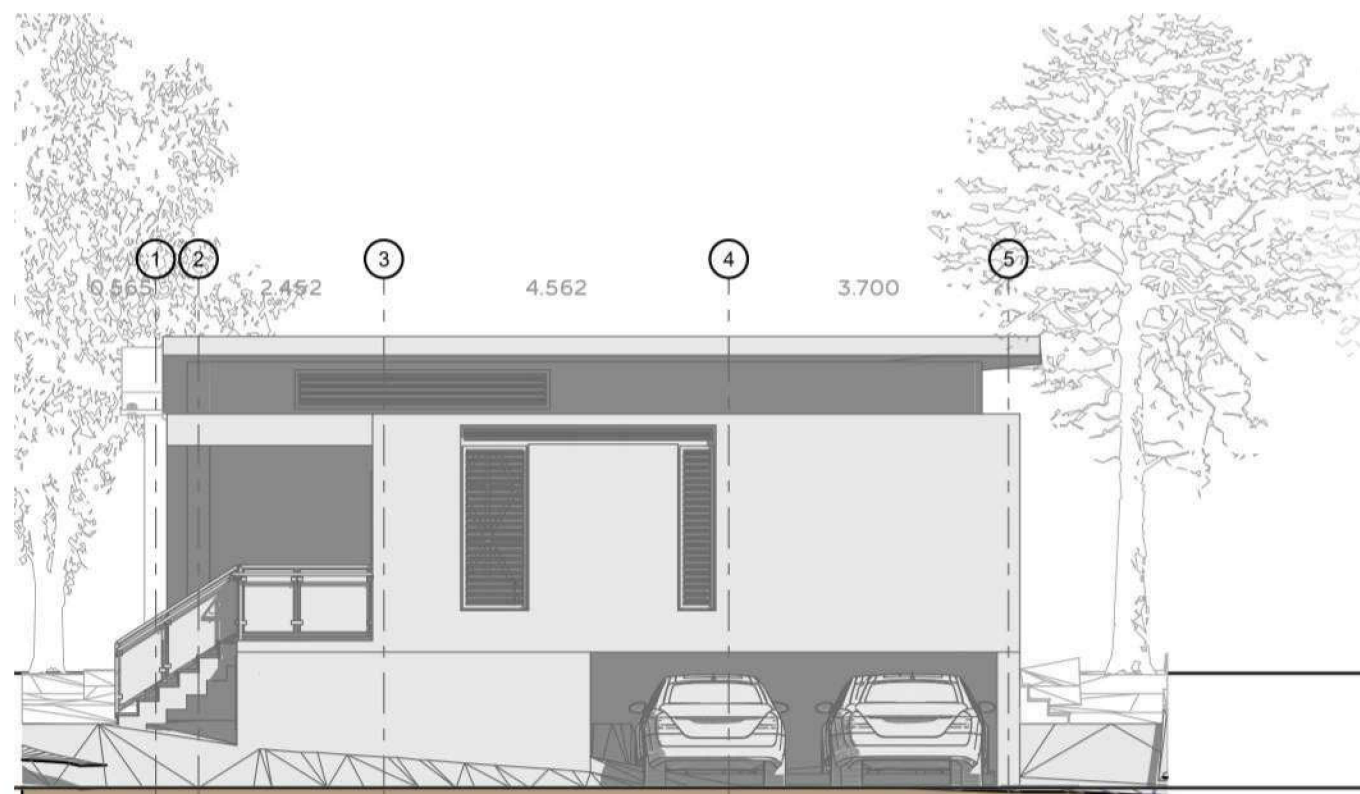
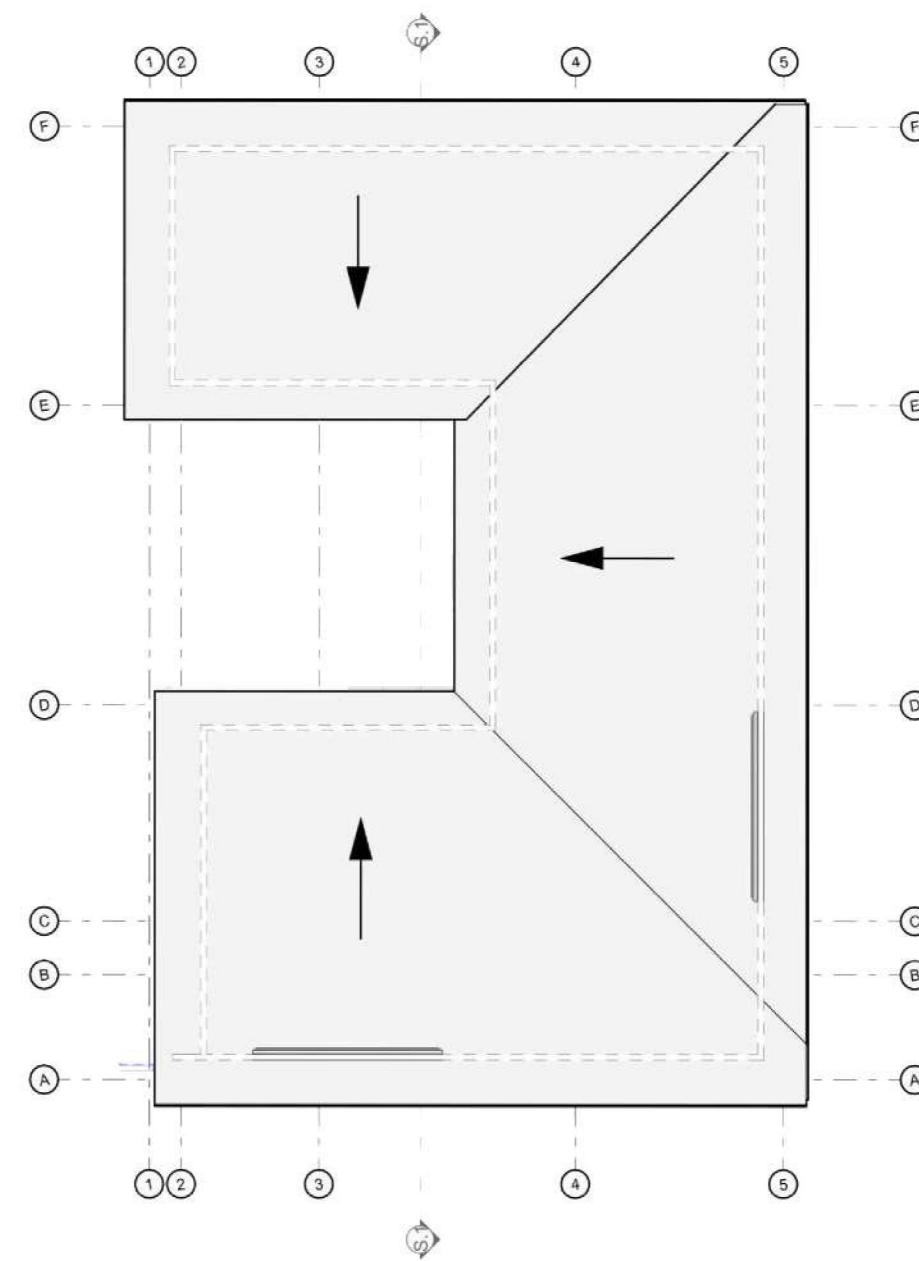
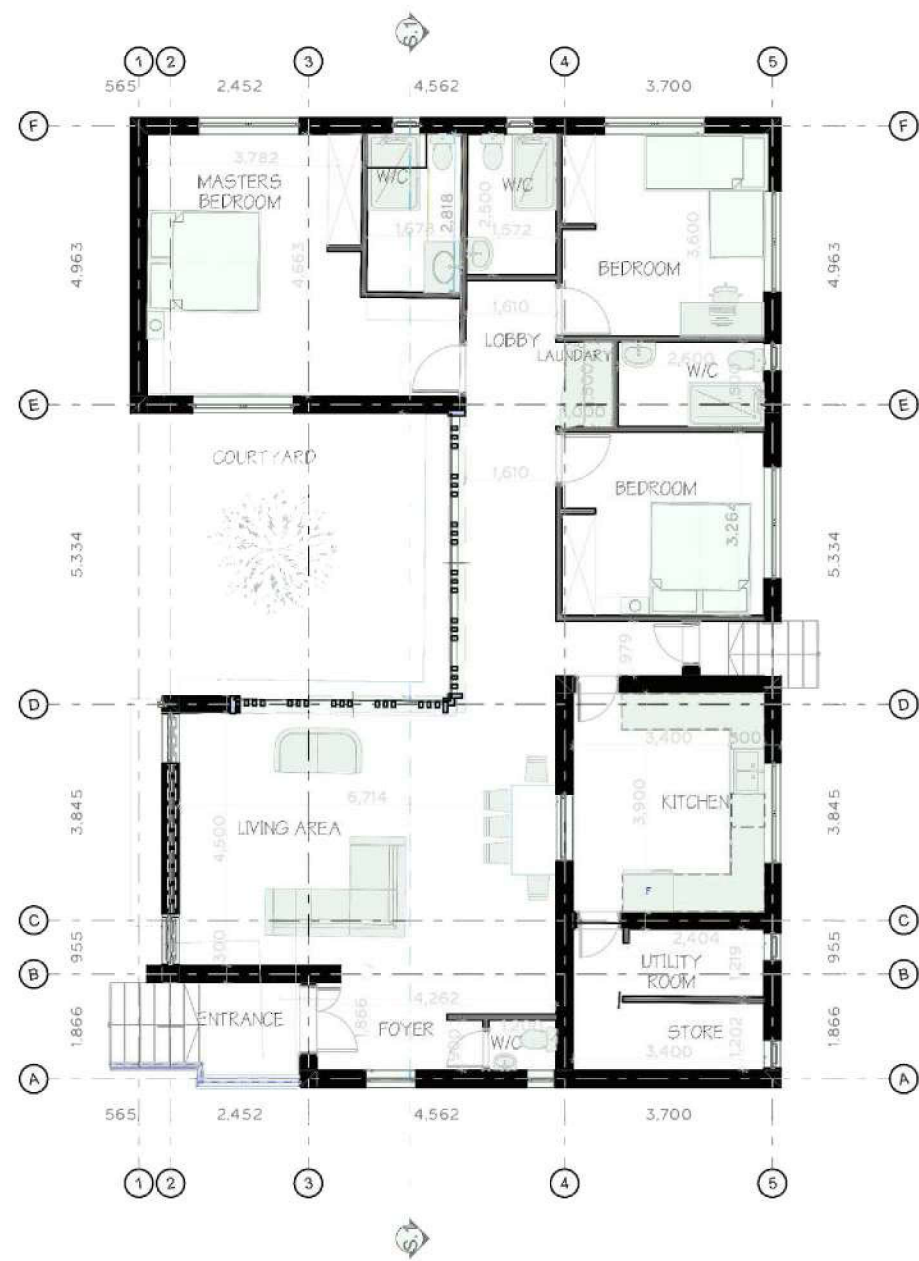
ALLIUM



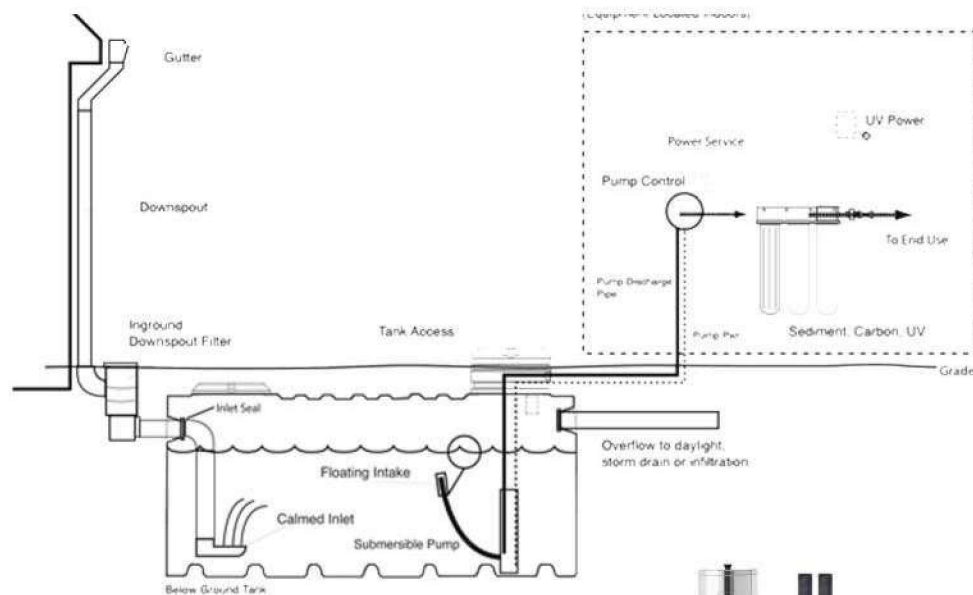
MINT











BURKY WATER FILTER



PRE FILTER

RAM PUMP WOULD BE USED TO TAKE THE WATER INTO THE DIFFERENT STORAGE POINTS AFTER HARVESTING THE RAINWATER INTO THE RESERVOIR, PASSING THROUGH A PRE-FIL THAT WOULD HELP PURIFY THE WATER MORE. TO MAKE THE WATER EVEN CLEANER AND SUITABLE FOR HUMAN CONSUMPTION, A BURKY WATER FILTER IS INSTALLED IN THE KITCHEN.

A RAIN WATER HARVESTING TECHNIQUE WOULD BE USED TO TAKE ADVANTAGE OF THE HIGH RAINFALL IN THE REGION, WHICH WOULD REDUCE THE RATE OF BOREHOLE DRILLING.

## RAIN WATER COLLECTION CALCULATION

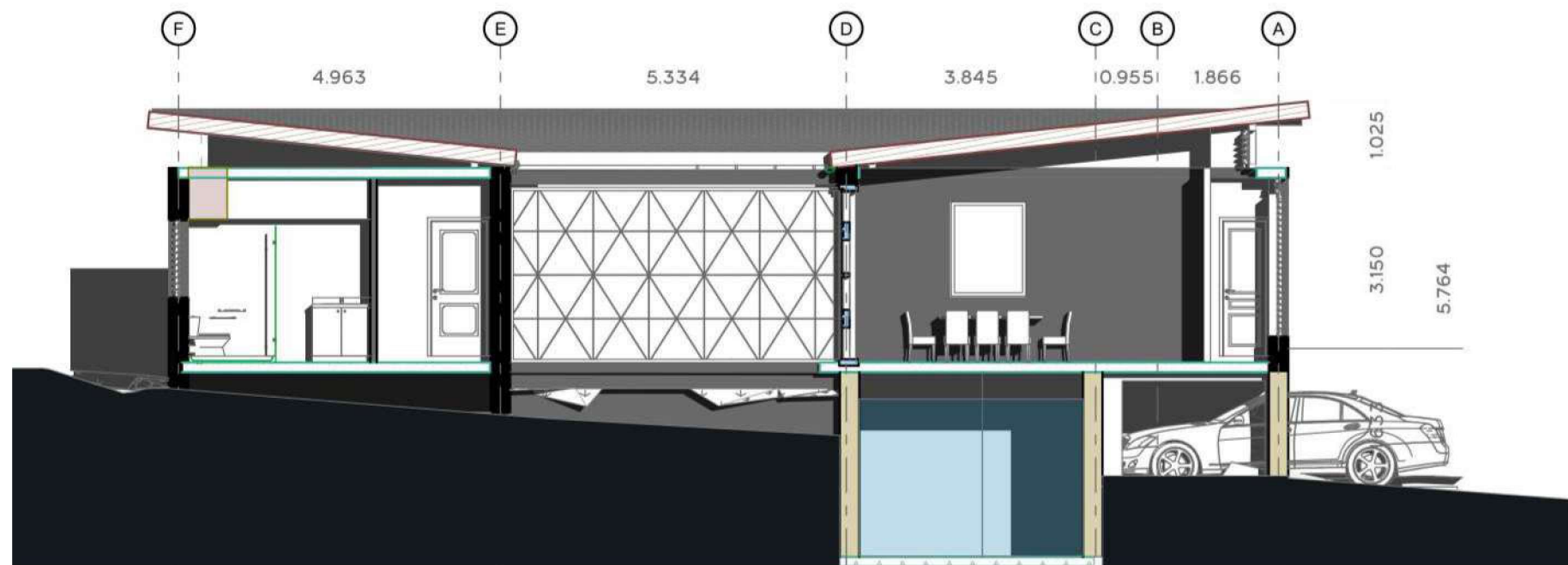
QUANTITY OF WATER TO BE STORED = SIZE OF FAMILY AND THEIR LIFESTYLE WATER CONSUMPTION PER PERSON PER DAY =150-200 LITRE PER DAY

FOR A FAMILY OF 5, WATER REQUIREMENT FOR 2 DAYS =2000LITRE

1 FAMILY OF 5 CONSUMES APPROXIMATELY 1000 LITRE OF WATER A DAY, SO IN A YEAR THEY WOULD CONSUME 365,000 LITRE OF WATER .

THE WATER TANK HAS A DEPTH OF 3M  
VOLUME =  
 $3 \times 5.419 \times 8.835 \times 1000 \text{LTR} = 143,630 \text{LITRE}$

W/C      MASTERS BEDROOM      CURTAIN WALL      CIRCULATION /VERRANDAH      LIVING AREA

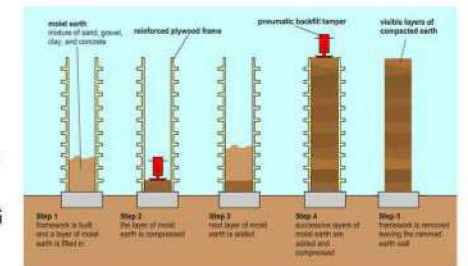


WATER TANK      STORAGE AREA BESIDE CAR PORT

## RAMMED EARTH

DUE TO ITS MODE OF CONSTRUCTION, RAMMED EARTH WAS USED ON THE EXTERIOR WALL OF THE BUILDING, LIKE THE BENIN TRADITIONAL ARCHITECTURE, THE LAYER OF EARTH IS SIMILAR TO THE BENIN HORIZONTAL GROOVES.

THERMAL MASING, TEMPERATURE AND NOISE CONTROL, LOW MAINTENANCE, STRENGTH AND DURABILITY, FIRE PROOF, LOAD BEARING AND PEST DETTERANCE, LOW COST OF CONSTRUCTION DUE TO ITS AVAILABILITY OF MATERIALS, ITS RENEWABLE AS WELL AS ITS BEAUTY ARE ALL BENEFITS OF BUILDING WITH RAMMED EARTH.



## ULTRA LIGHT WEIGHT CONCRETE PANEL

ULTRA LIGHTWEIGHT CONCRETE PANELS ARE USED TO CREATE THE INTERIOR WALLS. IT IS A LIGHT-WEIGHT MATERIAL, PUTTING LESS STRAIN ON THE STRUCTURE AND COSTING LESS.



## FOLDING ALUMINUM GLASS DOOR

IN ORDER TO CREATE HARMONY BETWEEN NATURE AND MAN, AN ALUMINUM SLIDING DOOR WITH A GLASS PANEL, AND A VENT/NET AT THE LOBBY FACING THE COURTYARD. A SLIDING BURGLAR PROOF MADE OF GALVANIZED STEEL IS USED BEHIND THE SLIDING DOOR FOR SECURITY REASONS.



## GALVANIZED STEEL ROOF

DUE TO IT LACK OF CORROSION, A BLACK COATED CORRUGATED ROOFING SHEET WOULD BE USED



## MARBLE TILES



NOVANA YELLOW WILL BE USED FOR THE LIVING SPACE OF THE BUILDING



PRICED BILLS OF QUANTITIES FOR A PROPOSED REESIDENTIAL BUILDING  
BILLS OF QUANTITIES-BILL No.01-MEASURED WORKS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ELEMENT NO. 1</b>					
<b>SUBSTRUCTURES</b>					
<b>1.5 EXCAVATIONS AND FILLING</b>					
Unless other wise stated, Rate shall include for:					
a). back filling with selected excavated material & consolidating. Surface treatment: compaction before filling foundation.					
b). disposal of surplus soil as directed & keeping all excavations free from water unless other wise measured separately.					
c). any additional excavation for working space.					
<b>Site Preparation</b>					
A	Clearing Site vegetation and other growth and dispose off site; entire site	175.18	sq.m	N75.00	N13,138.50
<b>Excavation and Filling</b>					
B	Excavate top soil, average 150mm deep and remove from site	175.18	sq.m	N200.00	N35,036.00
C	Excavate trench for foundation commencing at strip level over 300mm wide and not exceeding 1000mm maximum depth	90.81	Cu.m	N925.00	N83,999.25
D	Filling to excavations, average thickness exceeding 250mm, materials arising from excavations deposited and compacted in 150mm layers	122.63	Cu.m	N465.00	N57,022.95
<b>To Collection</b>					<b>N189,196.70</b>
E	Disposal of excavated materials off site, in spoil heap away from site	350.00	Cu.m	N500.00	N175,000.00
<b>Surface Treatment</b>					
F	Level and compact bottom of excavations	106.83	sq.m	N150.00	N16,024.50
G	"Dieldrex" anti-termite treatment to sides and bottom of excavation	166.18	sq.m	N250.00	N41,545.00
<b>Filling</b>					
H	Imported laterite earth filling to make up levels consolidated in 150mm layers average thickness exceeding 250mm	122.63	Cu.m	N3,000.00	N367,890.00
<b>1.11: INSITU CONCRETE WORKS</b>					
J	Cement and Sands Crete mortar blinding (1:5) poured in trench. Plain insitu mass Concrete; (1:3-6-19mm) agg. 150mm thick	16.02	Cu.m	N19,825.00	N317,596.50
L	In concrete oversite of depth 150mm	26.28	Cu.m	N17,500.00	N459,900.00
M	500mm Gauge "Visqueen" Polythene sheet laid welred	175.18	sq.m	N250.00	N43,795.00
<b>1.14: MASONRY</b>					
N	125 x 150 x 225mm thick sandcrete solid block; bedded and joined in cement and sand (1:5) laid in stretcher bond in substructures	94.96	sq.m	N1,473.00	N139,876.08
<b>To Collection</b>					<b>N1,561,627.08</b>
<b>SUBSTRUCTURES To Summary</b>					<b>N1,750,823.78</b>
<b>SUPERSTRUCTURES To Summary</b>					<b>N3,501,647.56</b>
<b>Profit and over head</b>					<b>N1,200,000.00</b>
<b>TOTAL COST</b>					<b>N6,500,000.00</b>

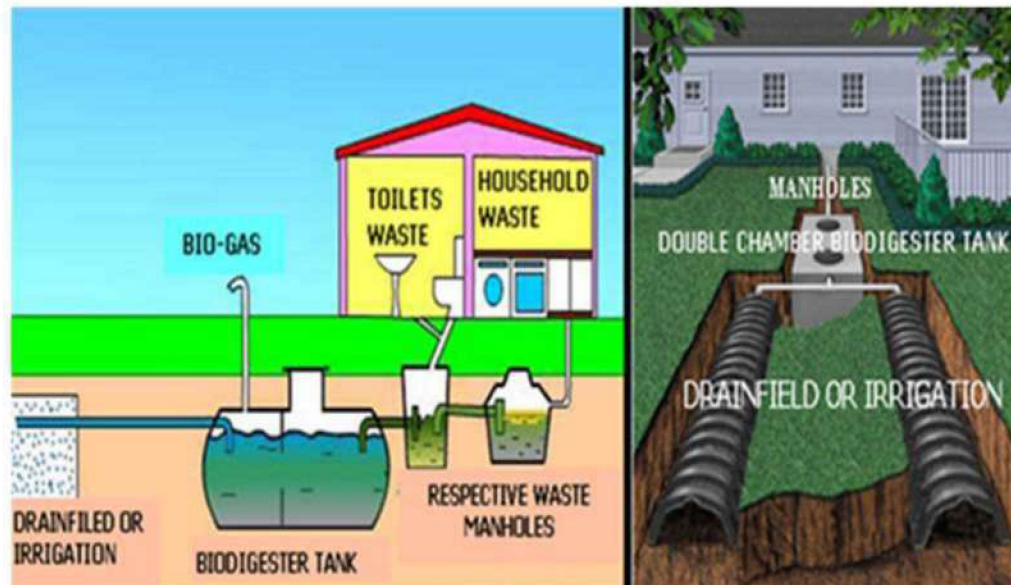
DOOR SCHEDULE				
ELEMENT ID	D1	D2	D3	D4
QUANTITY	1	3	3	1
W X H SIZE	1200x2100	0900x2100	0750x2100	0700x2100
2D SYMBOL				
3D BACK VIEW				
LOCATION	MAIN ENTRANCE	BEDROOMS	KITCHEN, EXIT AND STORE	W.C.
DESCRIPTION	ISREALI DOOR WITH 10 MM HIGH QUALITY GALVANIZED STEEL PANEL AND FRAME IS WITH 15MM GALVANIZED STEEL.	STEEL FRAMED DOOR IN FULL DOOR LINING WITH ARCHITRAVES OF SOLID STEELSSACULIDINGS WITH DOOR AND BCONACNGERY ALL TO APPROVAL	STEEL FRAMED DOOR IN FULL DOOR LINING WITH ARCHITRAVES OF SOLID STEELSSACULIDINGS WITH DOOR AND BCONACNGERY ALL TO APPROVAL	STEEL FRAMED DOOR IN FULL DOOR LINING WITH ARCHITRAVES OF SOLID STEELSSACULIDINGS WITH DOOR AND BCONACNGERY ALL TO APPROVAL



ELECTRICITY WOULD MAIN BE SOURCED FROM THE POWER HOLDING COMPANY, WHILE USING THE SOLAR PANELS AS A SUBSTITUTE

WET CELL SOLAR BATTERIES HAVE A MINIMUM LIFESPAN OF ONE YEAR. THE HOUSE WOULD BE POWERED BY SIX PANELS AND FOUR SOLAR BATERIES.

THE HUMAN WASTE WOULD BE POURED INTO THE SEPTIC TANK AND AFTER THAT, BIODIGESTER WOULD BE USED TO TREAT IT. ITS GAS OUTPUT IS SUITABLE FOR COOKING GAS. AS A RESULT OF THE LEMON GRASS BEING PLANTED EVERYWHERE OVER THE SITE, IT ACTS AS A NATURAL FILTER FOR THE WASTEWATER THAT WILL BE RECYCLED FOR USE IN TOILETS AND PLANT WATERING.



WINDOW SCHEDULE							
ELEMENT ID	W1	W2	W3	W4	W5	W6	W7
QUANTITY	1	5	2	3	2	1	6
W X H SIZE	2000x1500	1800x1500	0900x2200	0500x1200	3375x0506	1200x1500	0300x2600
2D SYMBOL							
3D BACK VIEW							
LOCATION	FIRST BEDROOM	MASTER BEDROOM, SECOND BEDROOM & KITCHEN	LIVING AREA	TOILETS	LIVING AREA AND KITCHEN	DINING AREA	FOYER, STORE & UTILITY ROOM
DESCRIPTION	DARK GREY COLOUR, POWDER COATED HEAVY DUTY LOUVER WINDOW OF GENERAL PROFILE WITH THICK GLAZING, AND BCONACNGERY ALL TO APPROVAL	DARK GREY COLOUR, POWDER COATED HEAVY DUTY LOUVER WINDOW OF GENERAL PROFILE WITH THICK GLAZING, AND BCONACNGERY ALL TO APPROVAL	DARK GREY COLOUR, POWDER COATED HEAVY DUTY LOUVER WINDOW OF GENERAL PROFILE WITH THICK GLAZING, AND BCONACNGERY ALL TO APPROVAL	DARK GREY COLOUR, POWDER COATED HEAVY DUTY LOUVER WINDOW OF GENERAL PROFILE WITH THICK GLAZING, AND BCONACNGERY ALL TO APPROVAL	DARK GREY COLOUR, POWDER COATED HEAVY DUTY LOUVER WINDOW OF GENERAL PROFILE WITH THICK GLAZING, AND BCONACNGERY ALL TO APPROVAL	DARK GREY COLOUR, POWDER COATED HEAVY DUTY LOUVER WINDOW OF GENERAL PROFILE WITH THICK GLAZING, AND BCONACNGERY ALL TO APPROVAL	DARK GREY COLOUR, POWDER COATED HEAVY DUTY LOUVER WINDOW OF GENERAL PROFILE WITH THICK GLAZING, AND BCONACNGERY ALL TO APPROVAL



A GLASS LOUVRE WINDOW IS USED BECAUSE IT ALLOW ABOUT 90% OF AIR INTO A BUILDING WHICH WOULD HELP KEEP THE SPACE COOL ENABLING PASSIVE COOLING









# REVAMP

## RE - JUVENATION OF RESIDENTIAL PROJECT

PROJECT TYPE	RESIDENTIAL
PROJECT YEAR	23 MARCH 2023
SOFTWARE	ARCHICAD TWINMOTION

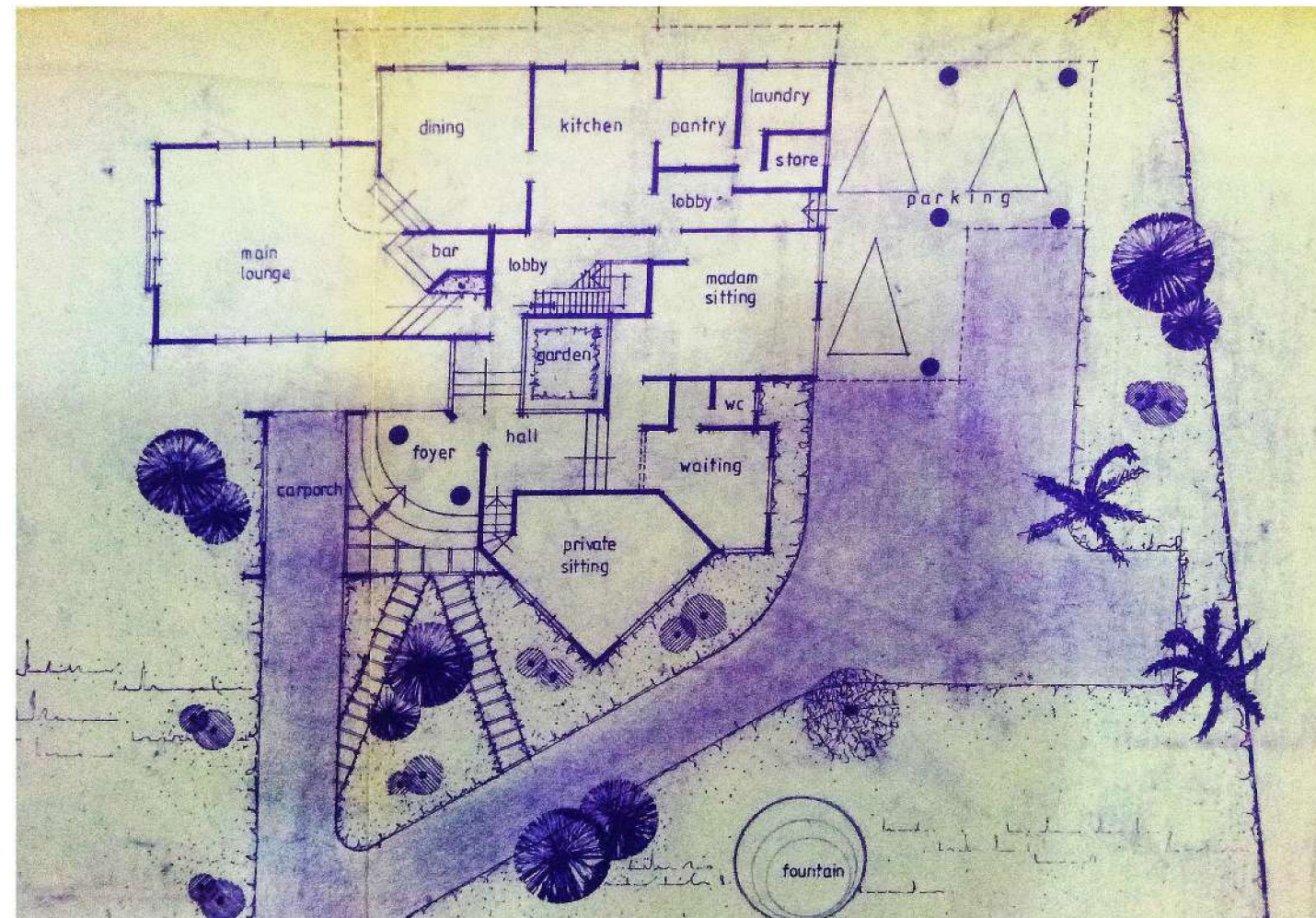
### OVERVIEW

In the context of a 1990s architectural plan, the client and consultant architect reviewed the existing design, aiming to update it while maintaining its original blueprint essence. Tasked with this project, I redeveloped a six-bedroom residential building. I adjusted and repositioned spaces to meet the client's needs using modern materials and components, all while ensuring a coherent architectural alignment with the original design. The project also involved creating a three-dimensional visualization to vividly communicate the design changes, merging contemporary elements with the building's original character.

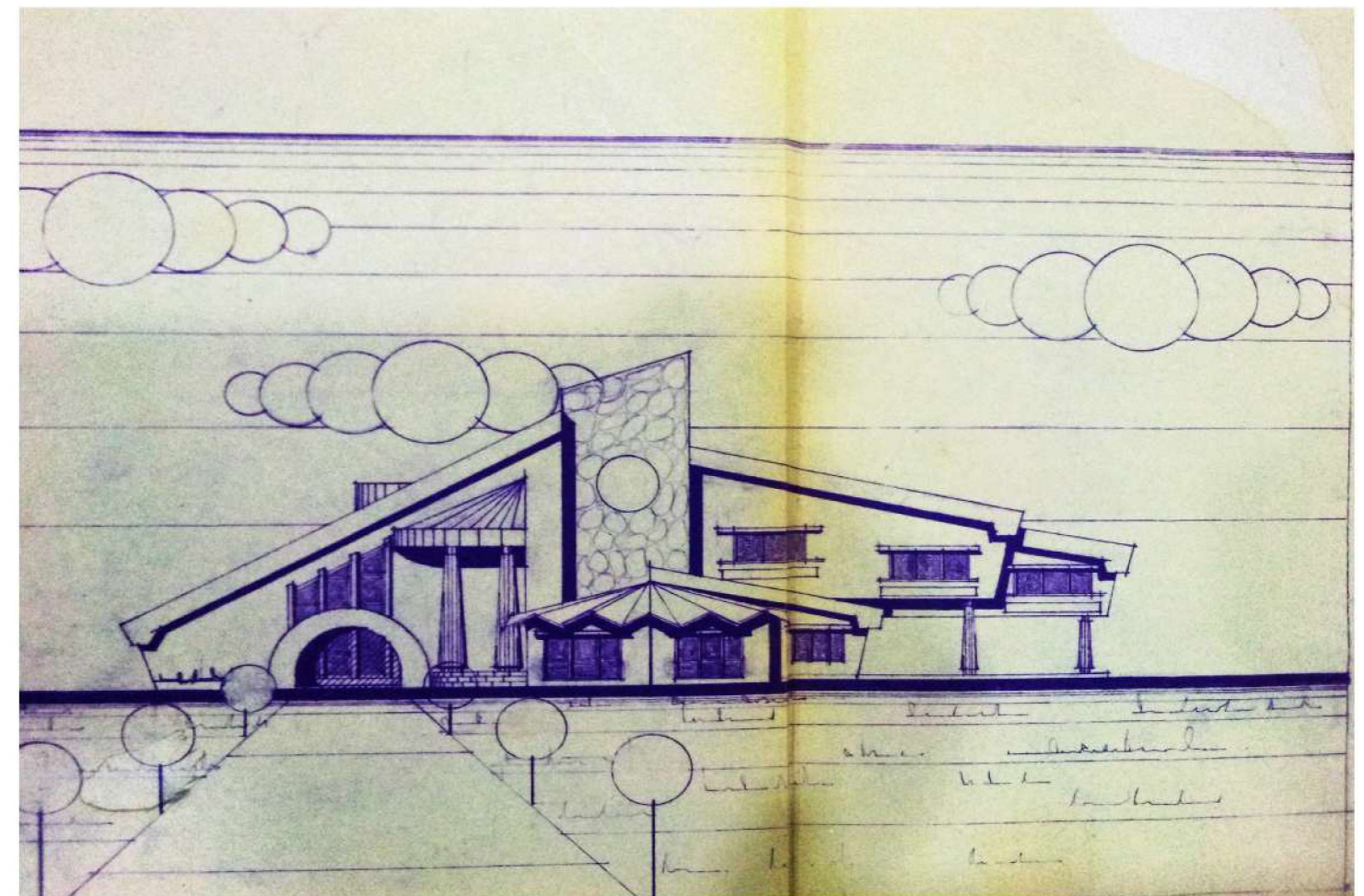
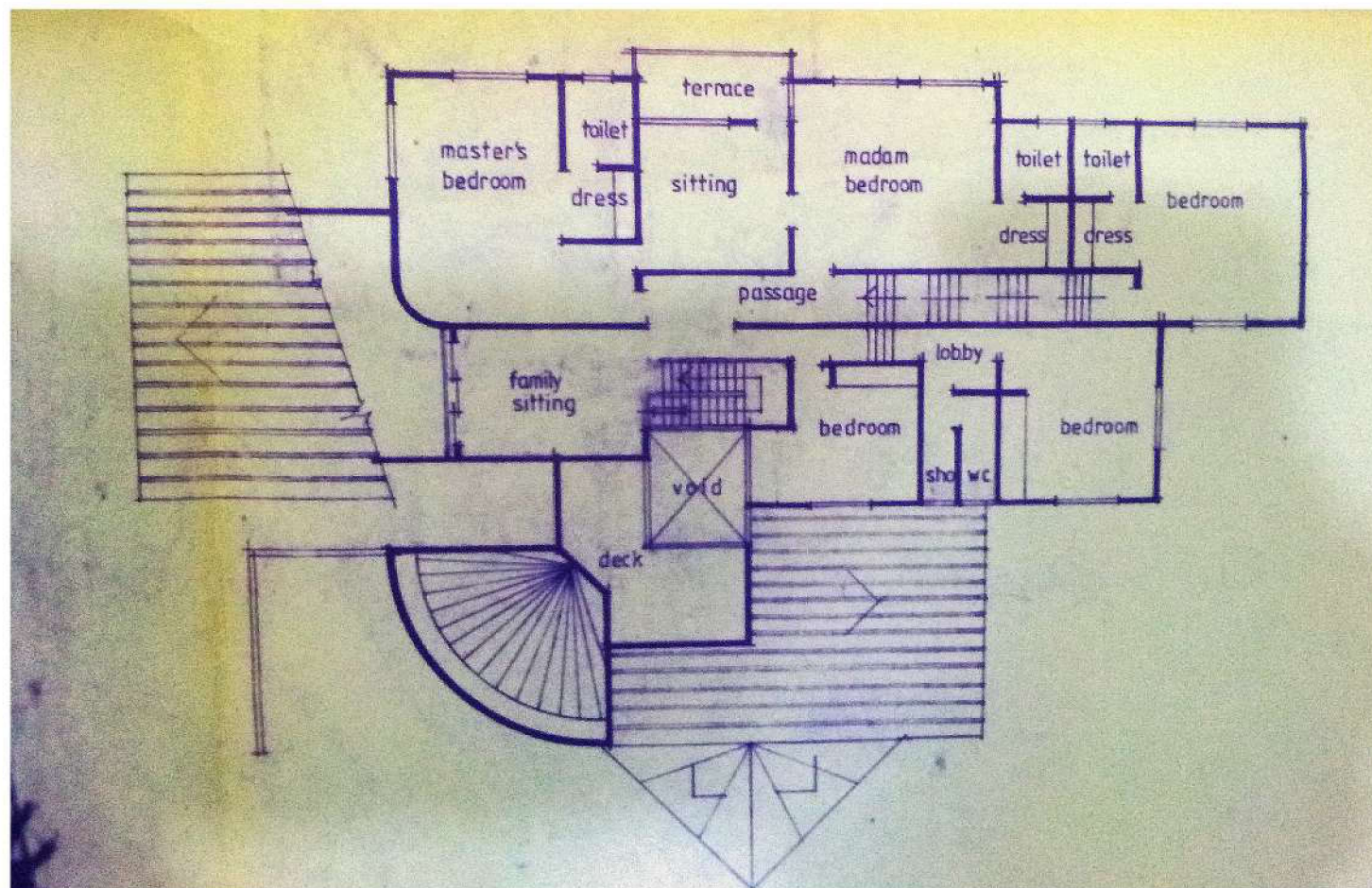




## DESIGN CONCEPT



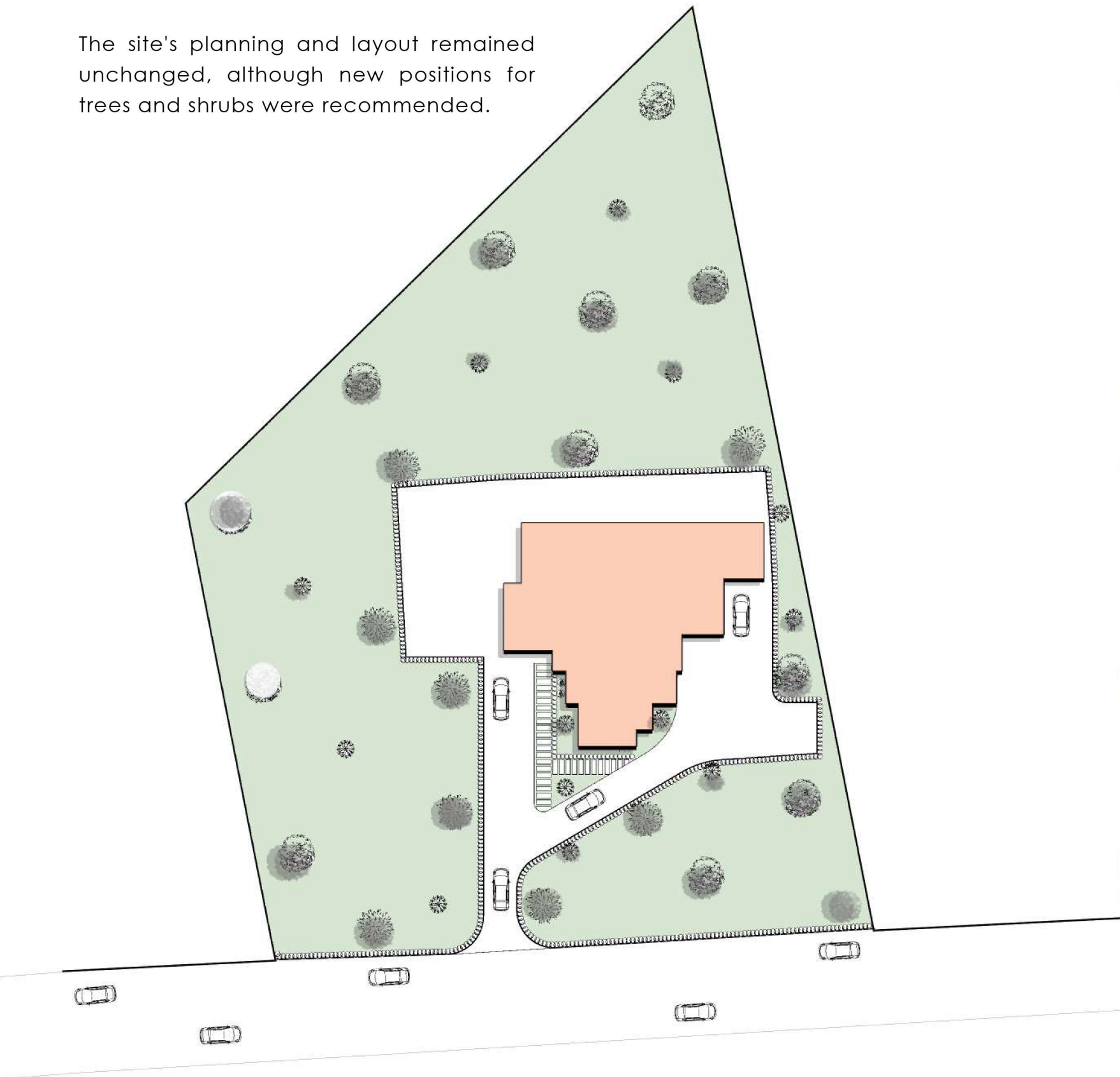
The reimagined design concept finds its roots in the original's incorporation of triangles, aiming to seamlessly merge contemporary aesthetics with the essence of the original style.



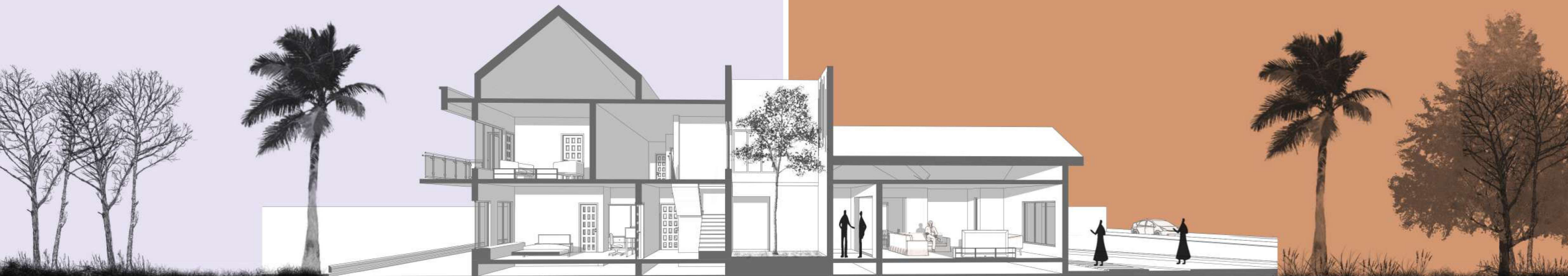
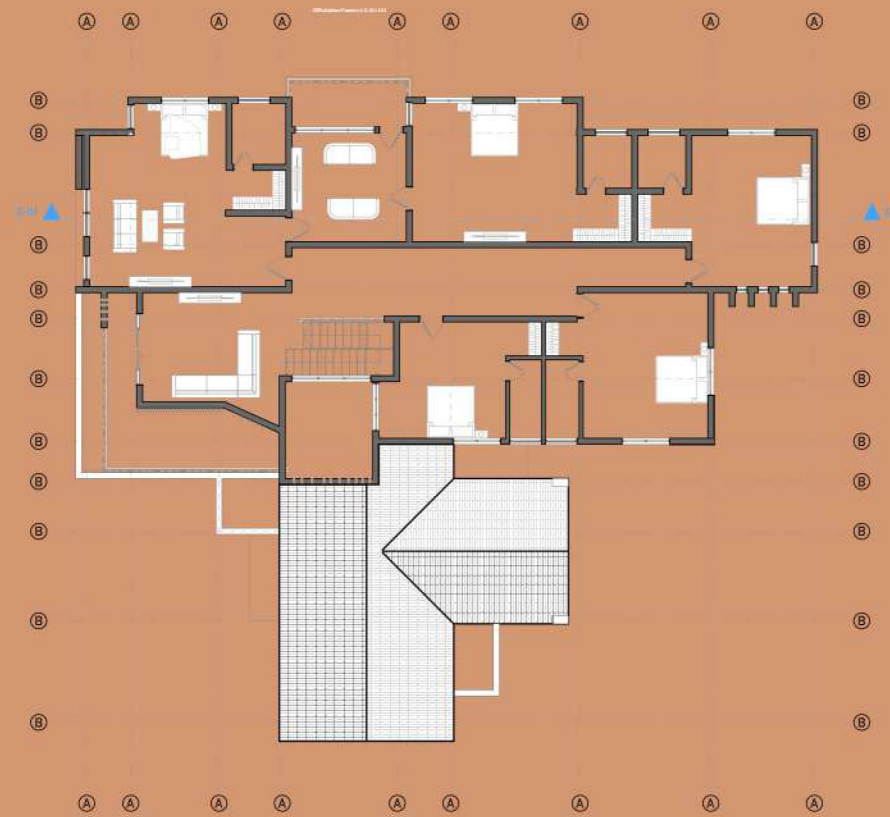


# SITE PLAN

The site's planning and layout remained unchanged, although new positions for trees and shrubs were recommended.

















# ARCH-VIZ

## ARCHITECTURAL VISUALIZATION OF RESIDENTIAL BUILDINGS

PROJECT TYPE	RESIDENTIAL VISAUALIZATION
PROJECT YEAR	2024
SOFTWARE	ARCHICAD & CORONA RENDER

### OVERVIEW

I WAS COMMISSIONED TO DESIGN A MODERN 5-BEDROOM RESIDENCE TAILORED FOR A FAMILY OF SIX. THE PROJECT INVOLVES COMPREHENSIVE ARCHITECTURAL PLANNING, INCLUDING BOTH INTERIOR AND EXTERIOR DESIGN ELEMENTS. MY RESPONSIBILITIES EXTEND TO CREATING DETAILED 3D MODELS OF THE ENTIRE STRUCTURE, WITH A FOCUS ON SPATIAL OPTIMIZATION, AESTHETIC APPEAL, AND FUNCTIONAL LAYOUT. ADDITIONALLY, I WILL BE DEVELOPING HIGH-QUALITY VISUALIZATIONS TO PRESENT A CLEAR REPRESENTATION OF THE FINAL DESIGN, ENSURING IT ALIGNS WITH THE FAMILY'S LIFESTYLE, PREFERENCES, AND NEEDS.









## CONTACT

Email: [osarumed@gmail.com](mailto:osarumed@gmail.com)

900104 FCT, ABUJA, NIGERIA

LINKEDIN: OSARUME(DAVID) COLE

INSTAGRAM: RUME\_COLE