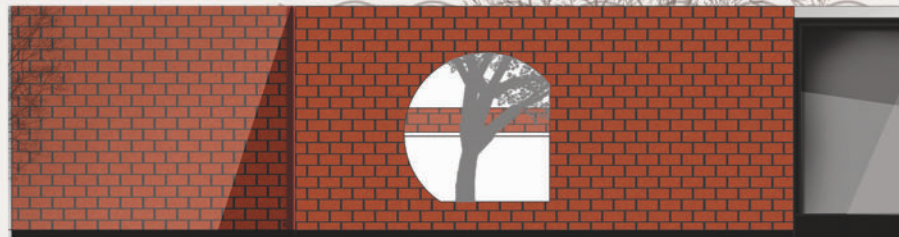
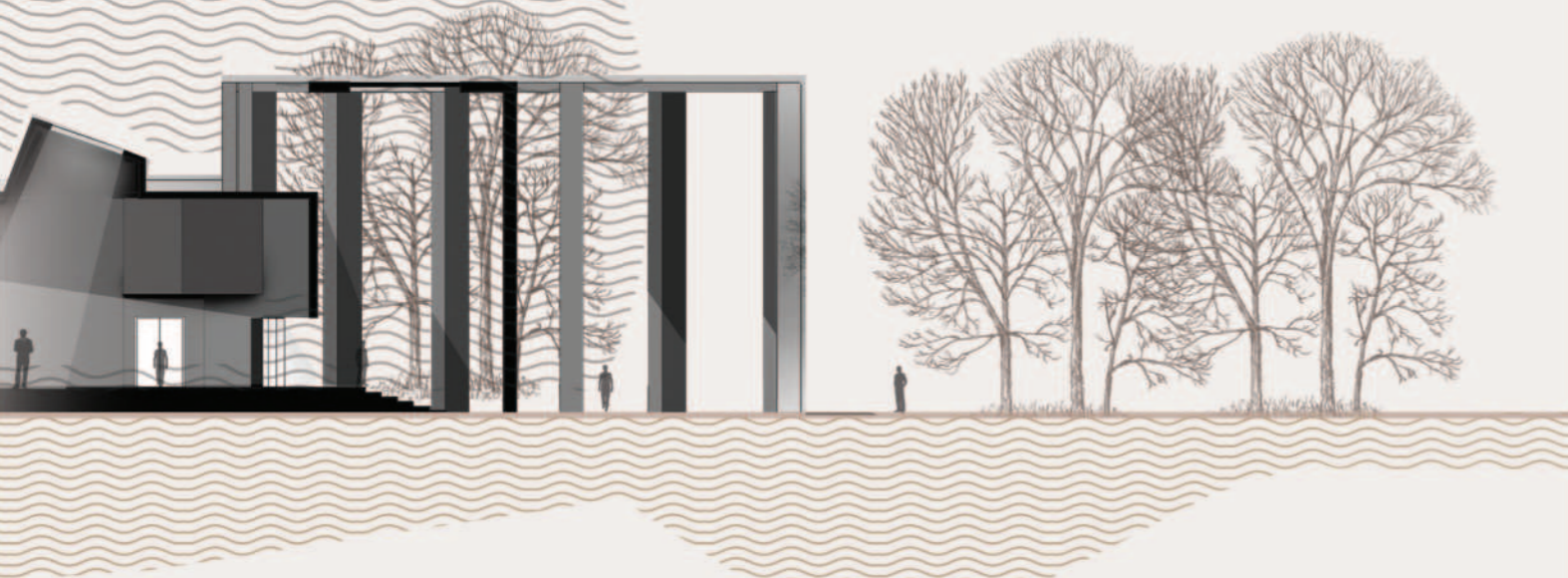


2024

Selected Works
Portfolio
Architecture



Nitin Bopanna



CONTACT

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Cv Raman Nagar.
<https://nitinbopannatr.godaddysites.com>

ABOUT ME



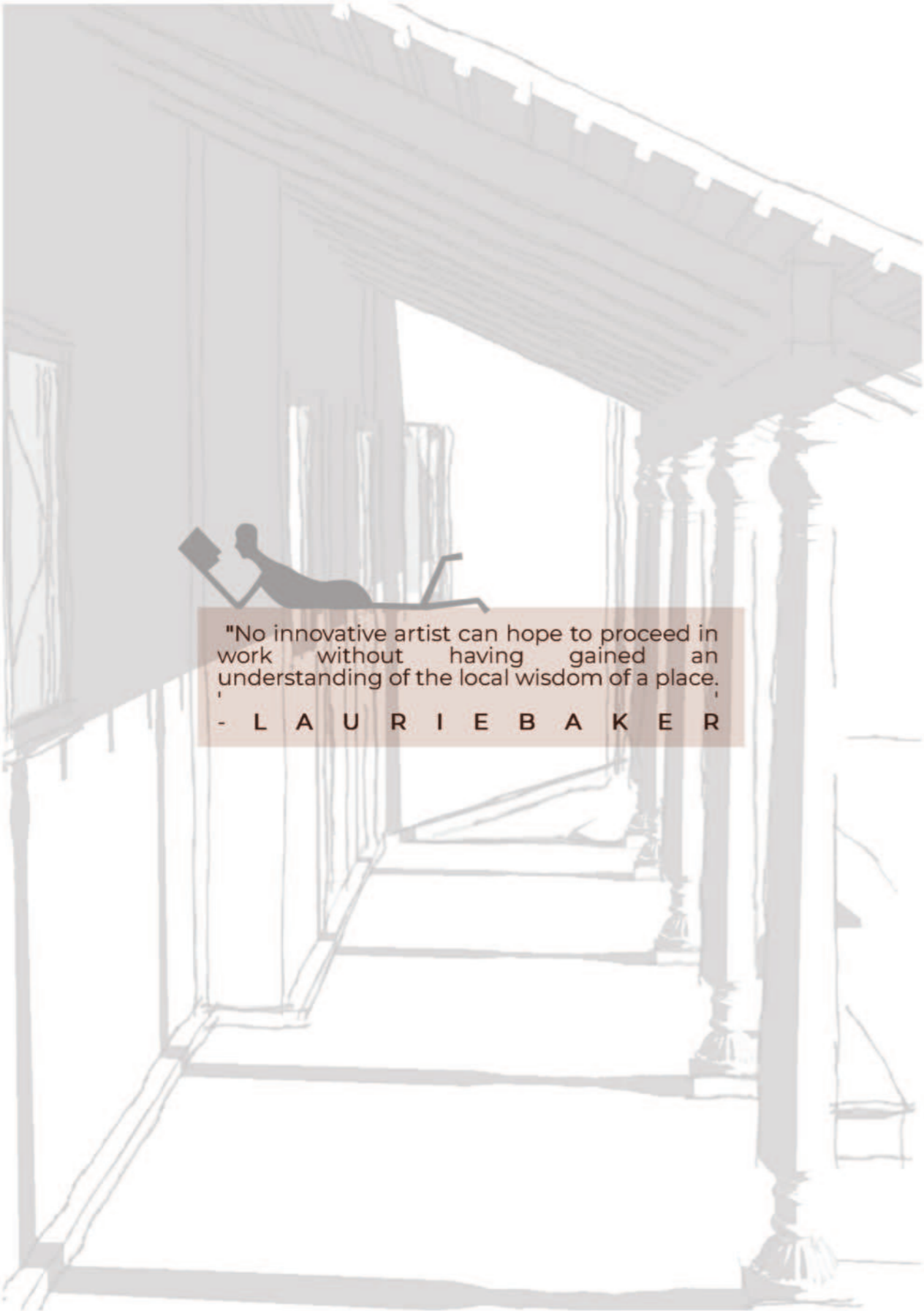
Hello !

I'm **Nitin Bopanna** Architect with a deep-seated passion for collaborative work and a sharp eye for detail. With a solid background of two years in the industry, I have mastered the art of AutoCAD and Sketchup, utilizing them to create designs that effortlessly harmonize ingenuity with practicality.

Teamwork lies at the core of my professional philosophy, and I strongly believe in its power to elevate the final outcome of every project. My witty humor not only nurtures a positive work environment but also contributes to resolving challenges and brainstorming sessions, making for a dynamic and efficient team.

My extensive training in **Earth architecture**, acquired during a nine-month **immersive program in Auroville**, has instilled in me a profound appreciation for sustainable design principles.

Project management is an area where I thrive, finding immense joy in the process and delivering exemplary results



"No innovative artist can hope to proceed in work without having gained an understanding of the local wisdom of a place."
 - L A U R I E B A K E R

CURRICULUM VITAE

EDUCATION

B.Arch
 The Oxford School Of Architecture

Schooling
 Bagawan Mahaveer Jain College

LANGUAGE

English,Kannada,Hindi,Tamil,Malyalam

ACHIEVEMENTS

Nov 2020
 Archresource "Acad Awards" (Honourable Mention)
 Top - 5

Nov 2020
 Archresource "Your Drawing challenge" (Honourable mention)

Apr 2020
 8Miso "Design a Tee-Shirt Contest"-For Women Empowerment

Oct 2020
TOSA - Best Thesis Award University 4th Rank
 Faculty Appreciation Award

TECHNICAL SKILLS

- | | |
|---------------------|--|
| Drafting / Modeling | 2D Drafting
Autodesk Autocad |
| | 3D Modeling
Sketchup,Archicad,Revit |
| Visualization | 3D Rendering Engine
Enscape,Lumion,V-ray, |
| | Adobe Creative Suite
Photoshop,Indesign,Illustrator, |
| | Microsoft Word,Powerpoint |
| Graphics | |
| Personal | Creative, Strong Organization
Skill , Collaboartive Approach. |

WORK EXPERIENCE

FREELANCER Bangalore 2023-24
 Architect,Site Supervisor

- Developed design concepts and construction documents for projects . Fast Food Corner & 1500 sqft Residence.

STUDIO VERGE Bangalore 2022-23
 Jr.Architect

- Developed design concepts and construction documents for various projects (residential, commercial, and hospitality) ranging from 1200 sqft to 6000 sqft.
- Supervised and led a team of three architects, overseeing the creation of detailed specification documents.
- Contributed to the development of the office website.
- Evaluated costs for three projects, generating reports on conceptual estimates of construction costs.
- Performed periodic inspections of construction sites to ensure consistent progress and compliance with regulations.
- Organized and created project execution timelines using Excel, while also maintaining detailed reports.
- Created Bi-weekly progress reports,Mou's for the clients,supervisors and principal Architect.

SOHAM COLLABORATIVE Auroville 2021-22
 Architect,Volunteer

- Mastering complex natural building methods: from Random Rubble foundations with precise lime mortar application to crafting Rammed Earth and Cob walls.
- Transforming waste stones into functional plinths through innovative upcycling.
- Skillful construction of Rammed Earth and Cob earthen walls.
- Proficient in Lime mix preparation, understanding heating, slaking, and making processes
- Active experimentation and adept application of natural plasters.

FRAYED FEET Mysore 2022-22
 Architect,Site Supervisor

- Co-design closely with Principal Architects to intricately develop designs for Earthen houses.
- Supervised on-site construction, applying insights acquired from experiences in Auroville.
- Crafted precise 2D-3D drawings, tailored to meet exact client specifications.
- Assisted with specifications and material selections, such as roofing type,Rammed Earth Walls.

CONTENTS

01	Fine Arts Centre Campus Design. Academic Work	Pg 1-6
02	Multi-Speciality Hospital Thesis. Academic Work	Pg 7-18
03	Voulnteering/Apprenticeship Hands-on Work (Earthen Architecture). Professional Work	Pg 19-24
04	Cottage Earth Earth House in Rural Karnataka Professional Work	Pg 25-28
05	Boutique Apartment 10 Flats in an Angular plot. Professional Work	Pg 29-36
06	Rest House Crescent A Neoclassical Commercial Space Professional Work	Pg 37-44
07	Earth House Cob & Rammed Earth Modular House. Professional Work	Pg 45-52
08	Earthen Serenity Interior Renovation Of A Flat. Professional Work/Freelance	Pg 53-60

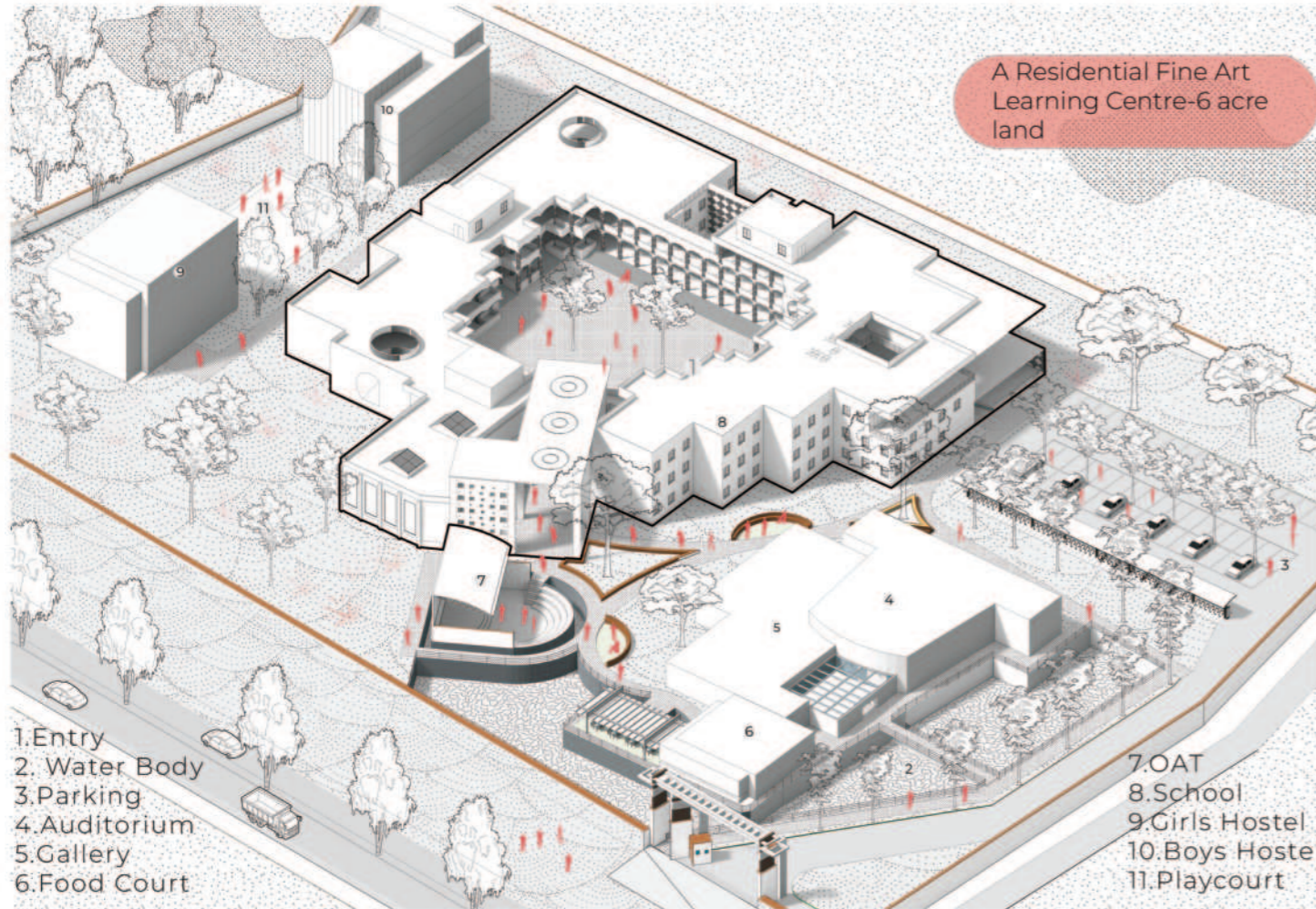


“ A house of earth is not just a shelter; it is a conversation between human hands and the land beneath their feet ”

01 MOKSHA- Institute of Fine Art & Cultural Centre

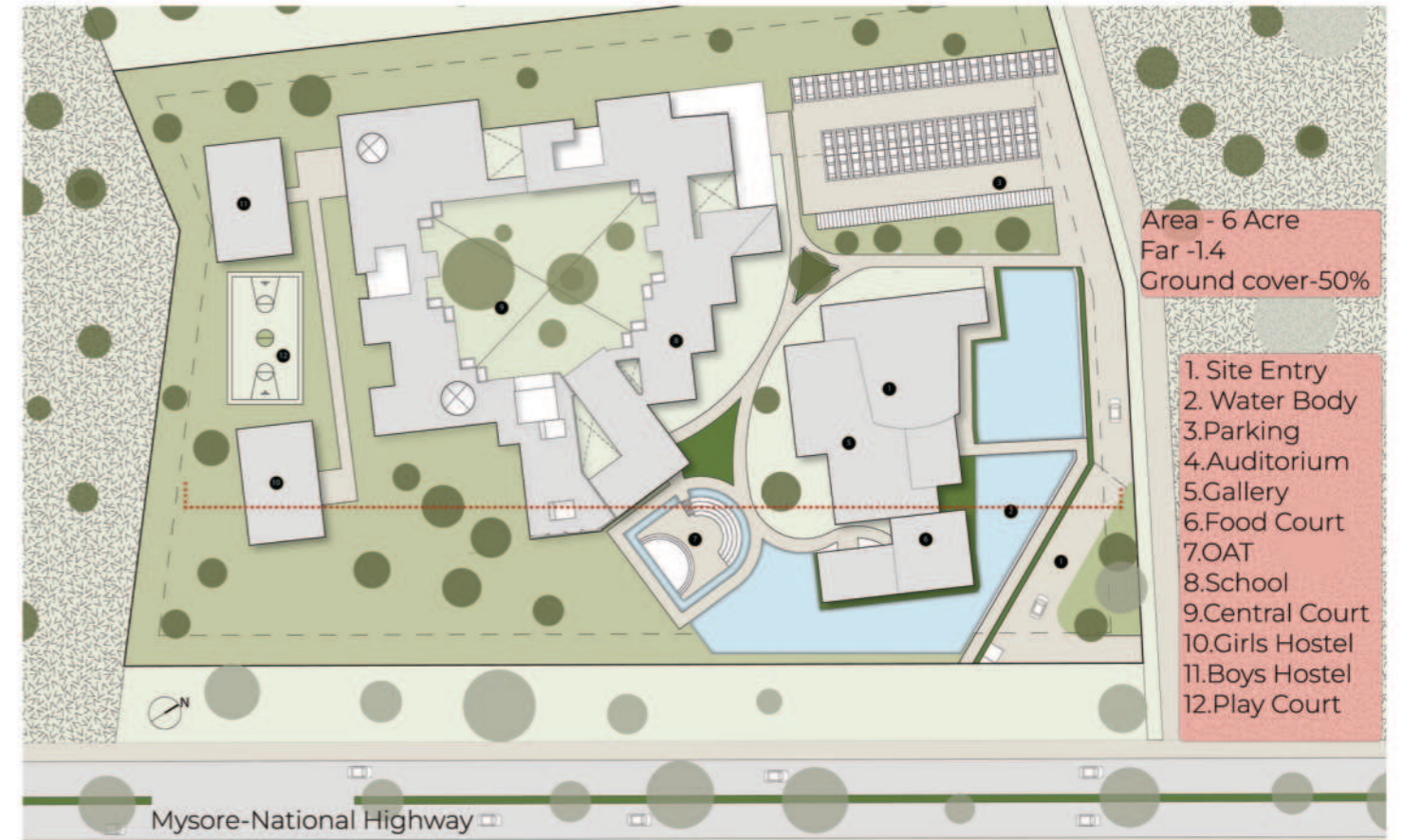
Location-Ramnagara

Architecture Portfolio



Master Plan

The campus strategically utilizes natural northern light, mitigating glare, while its zoning principles align with the temporal activities occurring within. The site delineates into three distinct zones: private (hostel), semi-public (institutional), and public (museum/gallery). An artificial water body situated in the northeastern quadrant not only fosters a microclimate but also serves as a pivotal design element shaping the environmental dynamics within the campus.



Project Brief

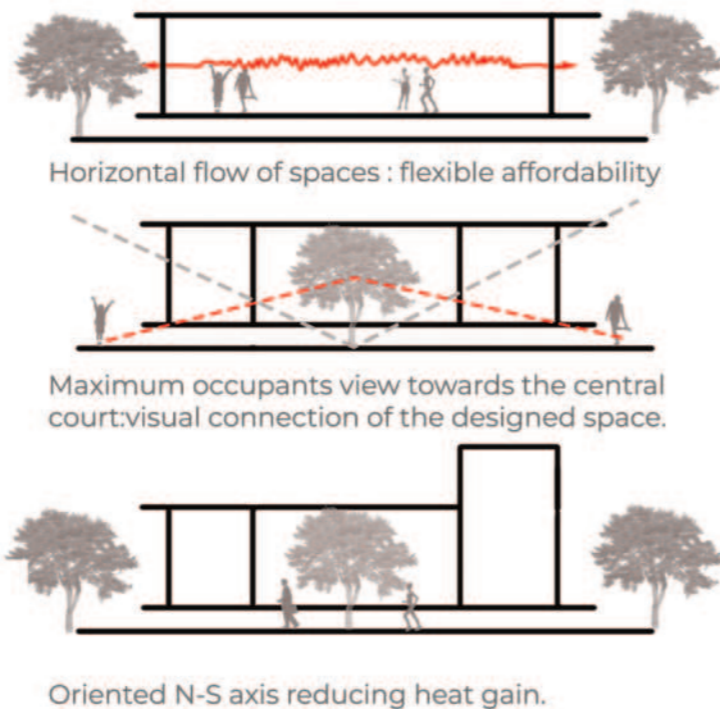
Meta Architecture -

The work in question will strongly root for itself. It will search meaning, solutions, and best practices from principles of regional/ vernacular architecture and reincarnate itself as embodiment of contemporary expression instilled with traditional wisdom. The identity of the building will be an outcome of the interplay between the older principles and newer materials. Articulation of the building character through details will remain a primary motive. Although drawn from the traditional principles, the nature of the buildings remains current. The Program will utilize both active and passive energy efficient methods in its climatic design.

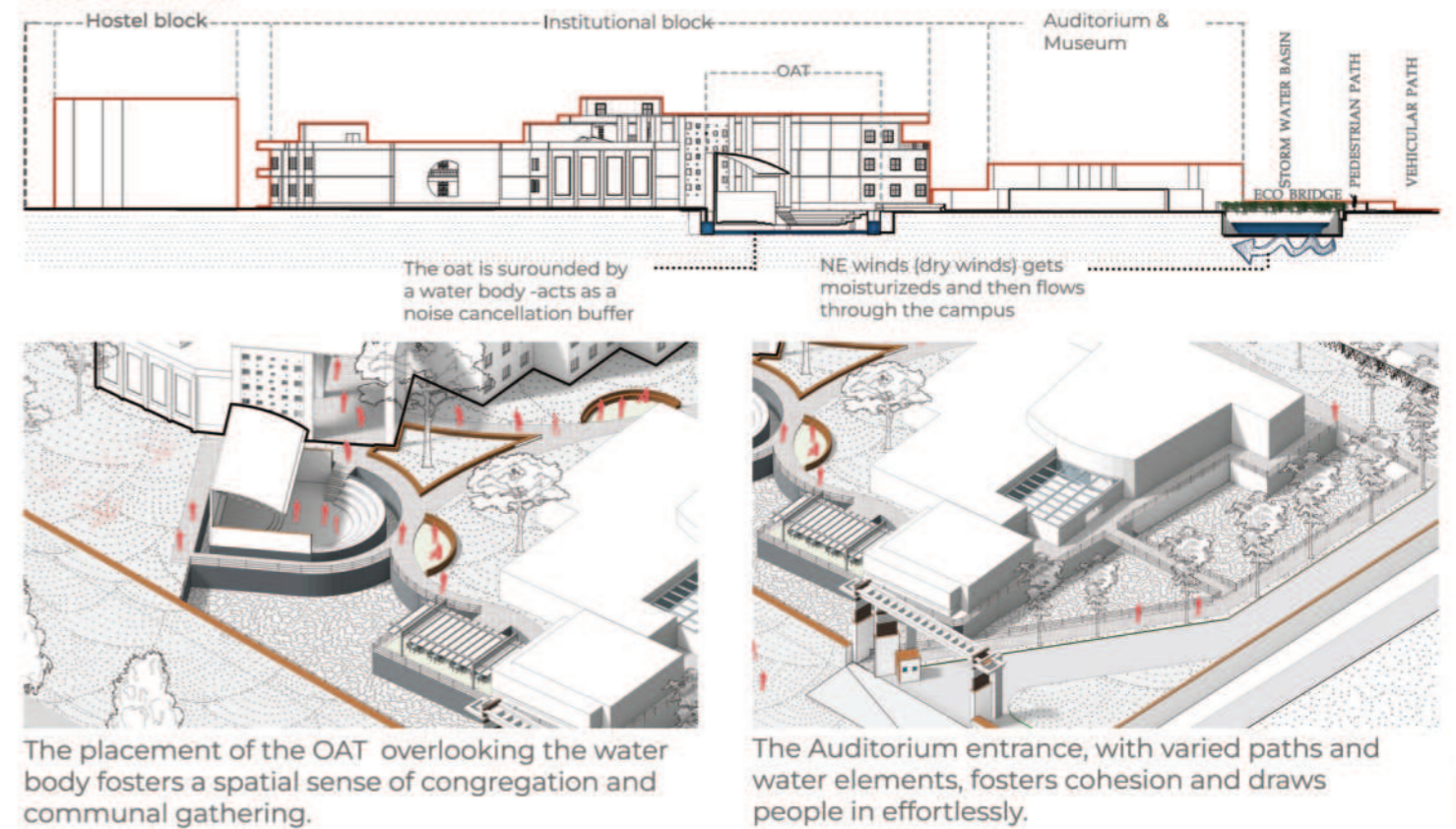
Design Limitations : Design of the Institution Block

Concept

Ramanagar (mysore) Culture as the main protagonist for the design of the institution.



Site Section



2024

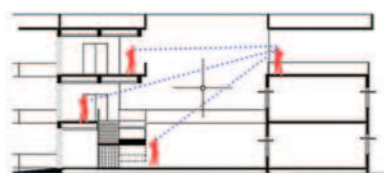
Strategies

Daylight -



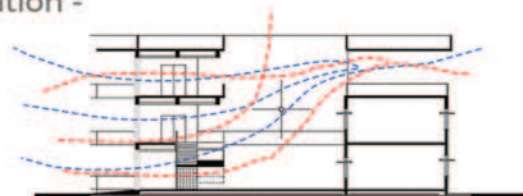
Double Height space for efficient daylight.

Communication -



The arrangement of floor planes allows for cross communication/interaction

Ventilation -

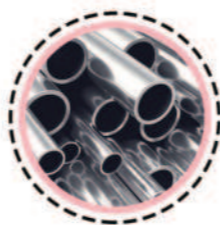


The voids/openings facilitates proper cross-ventilation

Materials



Porothem Blocks



Aluminum Rails



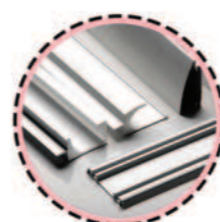
Residual Wood Flooring



Electrochromatic Glass



Brick Jalis



Aluminum Windows

Floor Plan

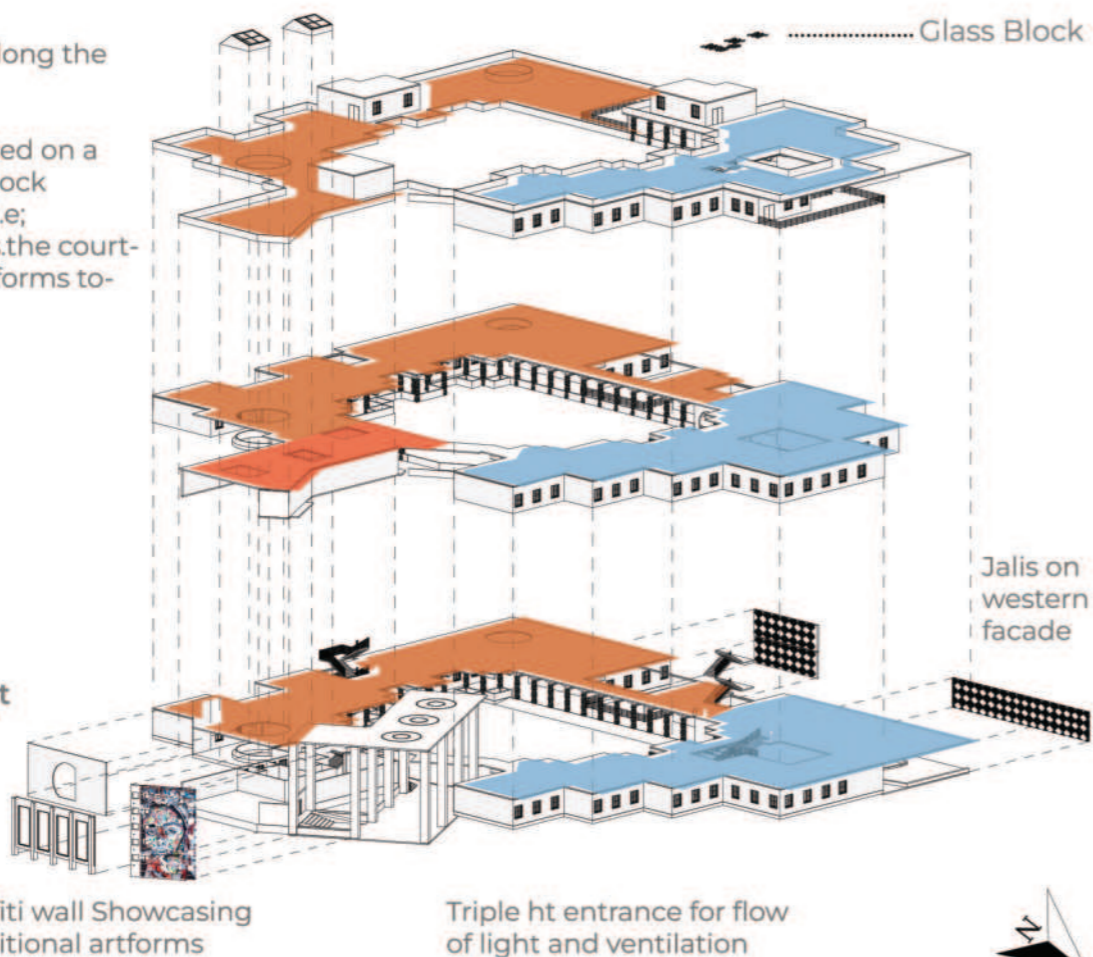


The aim is to establish an earthy ambiance with a refined equilibrium. The design introduces a subtle quirkiness that complements the overall aesthetic. The utilization of colors, artwork, and an earthy palette, alongside the central courtyard, contributes significantly to the narrative.

Adopting the Wabi Sabi concept—emphasizing simplicity, natural elements, and the celebration of imperfections—the interconnected spaces maintain visual coherence with their surroundings. Despite the architecture's linear form, which starkly contrasts with the twisted brick column, jack arch, and neighboring structures, it ingeniously resolves the spatial organization within the center through deliberate segmentation

Program

The entry to the block is along the North East & the North direction. The institute zoning is based on a centrally located admin block holding two wings of art i.e; visualart & performingarts.the courtyard brings these two art forms together .



Entrance boasts graffiti showcasing Ramnagar's folklore.



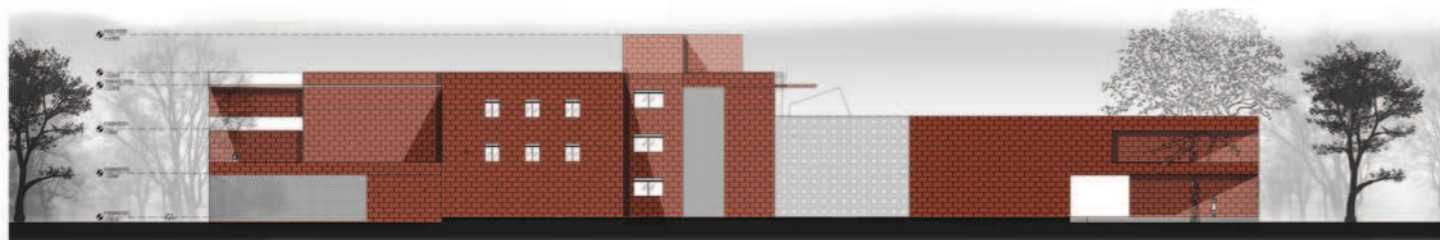
East Elevation

North gets glare-free light, reducing heat.



North Elevation

Rarely used spaces located west, promoting comfort, light, and wind diffusion.

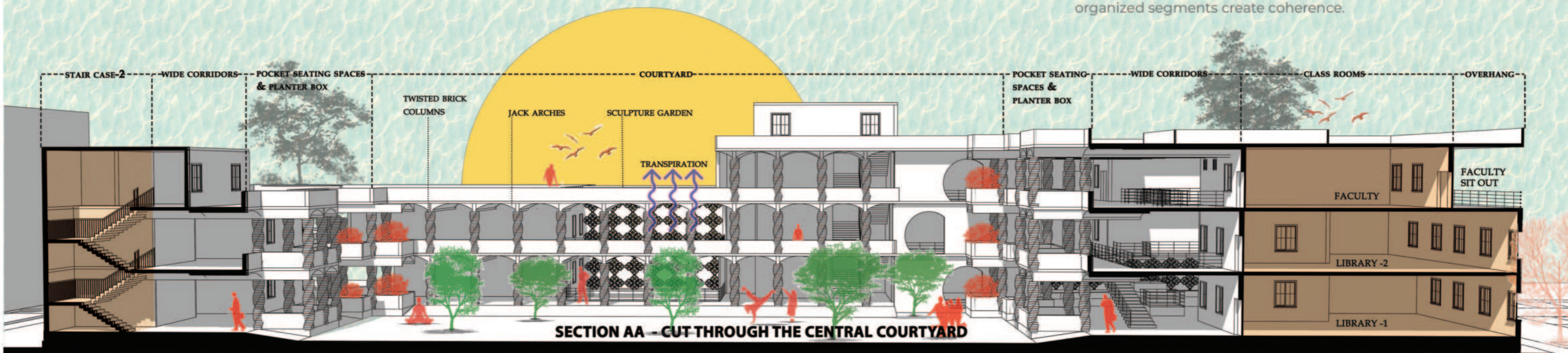


West Elevation



Functional View of the Court

Embracing Wabi Sabi — simplicity, nature, celebrating imperfections spaces stay connected visually. Despite the architecture's straight lines, contrasting sharply with twisted brick columns, jack arches, and neighboring structures, smartly organized segments create coherence.



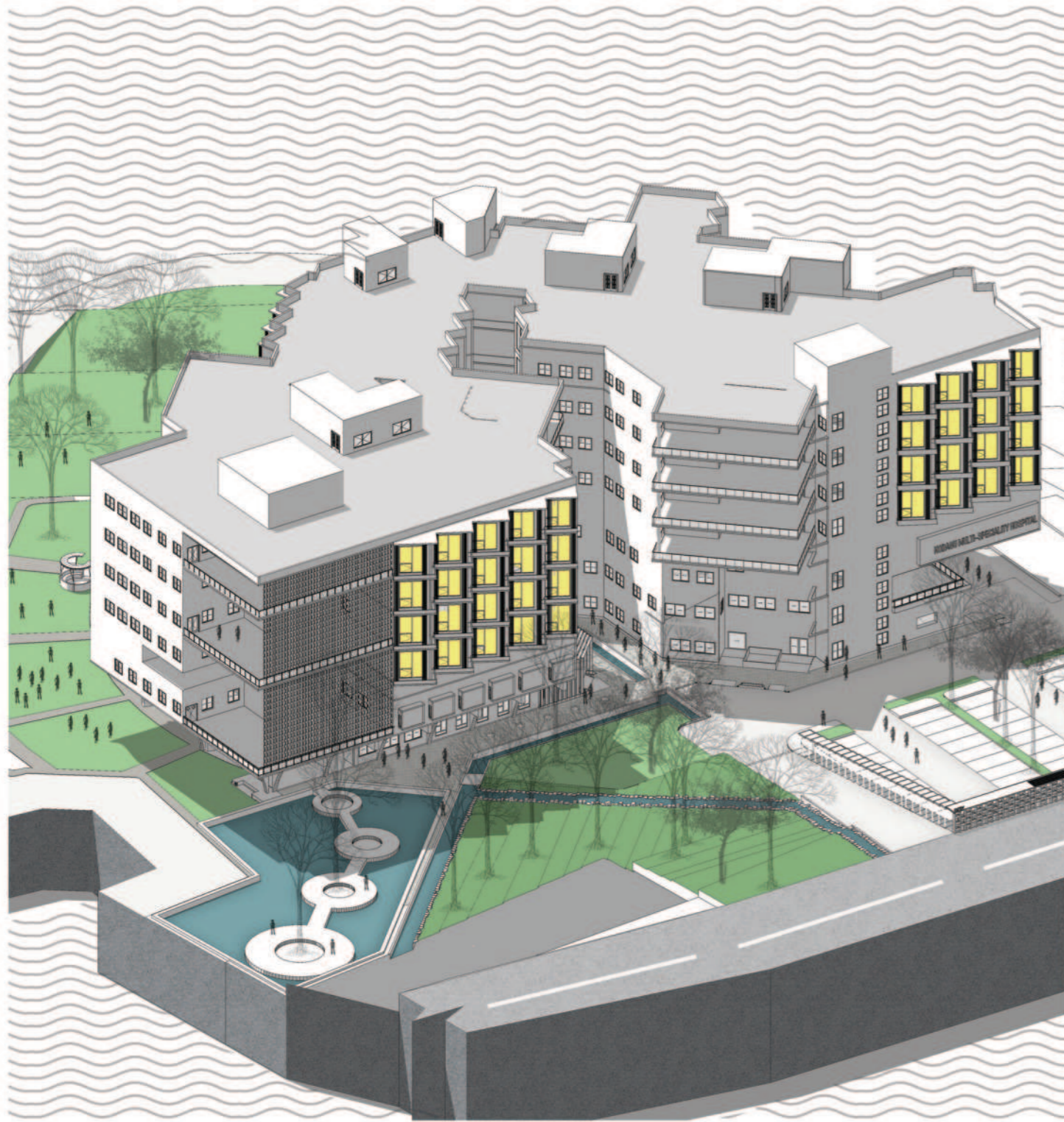
SECTION AA - CUT THROUGH THE CENTRAL COURTYARD

The goal is of an earthy feel with subtle, complementary quirks. Colors, art, and an earthy palette, plus a central courtyard, tell the story.

Section AA - Through the Courtyard

02 Kodagu MultiSpeciality Hospital Location-Madikeri

Architecture Portfolio



Project Intent

This thesis is all about bringing better healthcare to rural Kodagu, where there's a serious shortage of hospitals. Imagine a 100-bed multi-speciality hospital designed specifically for this community. It's meant to fill the gaps left by the existing government hospital, which falls short on facilities.

The goal here is to build something truly impactful using materials found locally. We're not just constructing a medical center; we're crafting a space that respects Kodagu's culture and environment. By blending eco-friendly designs, local materials, and a deep understanding of what this area needs, we want to create a hospital that not only treats ailments but also uplifts the community's well-being. that not only caters to immediate healthcare needs but also becomes a beacon of holistic wellness for the region.

2024

Site Analysis

APPROACH :
INTRODUCTION :
 • LOCATION : MADIKERI, KODAGU
 • POPULATION : 55,168
 • CLIMATE : TROPICAL WET (KOPPEN)
 • PRECIPITATION : 2,725.9MM
 • AVERAGE SUM TEMPERATURE : 28.8 °C (83.8 °F)
 • AVERAGE WINTER TEMPERATURE : 14.2 °C (57.6 °F)

PROXIMITY :
 • MADIKERI BUS STATION - 0.8KMS
 • KANAR International Airport - 8KMS
 • MANGALORE International Airport - 137KMS
 • THE NEAREST RAILWAY STATIONS ARE MADIKERI JUNCTION - 95 KMS
 • THALASSERY & KANARUR IN KERALA, AT A DISTANCE OF 304, 309 KM RESPECTIVELY.

PEOPLE TYPOLOGY :
 • INCREASE IN AIR POLLUTION
 • IS CAUSING EXTREME CHANGES IN CLIMATIC CONDITION, DIRECTLY AFFECTING HUMAN MENTAL STRENGTH & PEACE
 • ADULTS & ELDERLY ARE PRONE TO GET SICK DUE TO STRESSFUL LIFE & THE DYNAMICS OF CHANGING ENVIRONMENT ADDS ON TO IT. HENCE THERE'S NEED OF AN HOSPITAL

ACTIVITY PATTERN :
 • ALL MAJOR ROADS CONVERGE AT MADIKERI CITY CENTRE & DIVERGE AT KANARUR MAIN ROAD. CREATES MORE TRAFFIC CONGESTION.
 • SINCE IT'S A HILL STATION THE TRAFFIC IS NOT THAT MAJOR BUT MUST BE A PROBLEM IN FUTURE.

SITE TOPOGRAPHY :
 • WE CAN DETERMINE THE LOCATION OF STP & DRAIN LINES WITH RESPECT TO THE SLOPE

ACTIVE & PASSIVE ZONES :
 • BUFFER ZONENTIAL GREEN CREATIONS TO AVOID NOISE FROM INDOOR OUTDOOR NOISE/VEHICLE MOVEMENT AROUND THE SITE VICINITY
 • PASSIVE ZONES PLACES SUCH AS PARKING WHICH AREN'T FREQUENTLY USED
 • ACTIVE ZONES MOVEMENT OF PEOPLE/WORKERS IN & OUT/VEHICLE MOVEMENT AROUND THE BUILT FORM

LANDUSE ANALYSIS :
 • A SEMI-URBAN & RURAL SETTING IS SEEN INWARD PROGRESSION OF GROWTH.

VEGETATION : MICROCLIMATE :
 • THE SITE IS RICH IN TERMS OF VEGETATION (SOIL NUTRIENT RICH)
 • NOT MUCH GREEN COVER NOTICES ON THE SOUTH WEST CORNER
 • LIGHT GREEN COVER (HOTICOSHUBRUS, BUSHES)
 • DENSE GREEN COVER (HOTICOSHUBRUS, BUSHES, TREES)
 • VISION IS NOT TO FORGET THAT WE SHARE THE SURFACE WITH FLORA & FAUNA.
 • INCORPORATING GREEN ELEMENTS IN DESIGN PROVIDES THERMAL COMFORT & IMPROVES INDOOR AIR QUALITY

CULTURAL ANALYSIS :
 • PRESENT SCENARIO RURAL URBAN CENTRE CONCENTRATION BUILDING TYPOLOGY- MIXED SLOPED ROOF
 • BOTH RURAL & URBAN FLAVOUR CAN BE FELT IN THIS AREA
 • PEOPLE BELIEVE IN AGRICULTURAL WORKERS/INDUSTRIAL WORKERS (MADIKERI)
 • INCORPORATING GREEN ELEMENTS IN DESIGN PROVIDES THERMAL COMFORT & IMPROVES INDOOR AIR QUALITY

VOLUMETRIC ANALYSIS :
 • EXISTING SCENARIO
 • THE ROADS ARE NARROW, WINDING
 • OPEN SPACES
 • VACANT PLOTS, JOSE FABRIC ALONG THE ROAD.
 • BUILDINGS DO NOT OVERSHADOWING YOU

TOPOGRAPHY :
 • THERE IS A STEEP SLOPE AT THE EDGES OF THE SITE FOR EVER. STARTS THERE IS A DROP OF 4.5 METERS TO MAKE USE OF THE VIGNON LAND AS PER THE CONTOURS WITHOUT MAKING ANY CHANGES TO THE EXISTING SLOPE

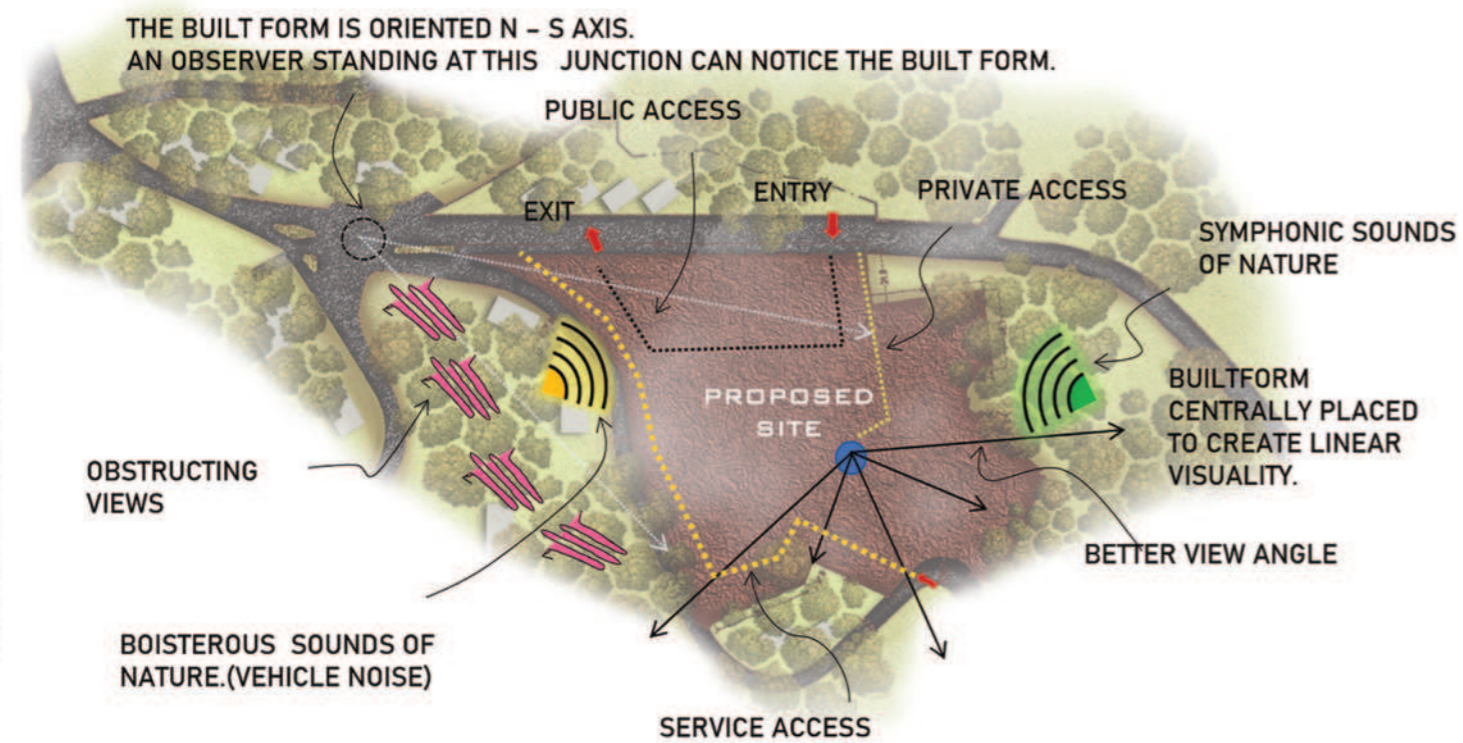
CLIMATIC ANALYSIS :
 • CLIMATE : TROPICAL WET (KOPPEN Am)
 • PRECIPITATION : 2,725.9MM
 • AVERAGE SUM TEMPERATURE : 28.8 °C (83.8 °F)
 • AVERAGE WINTER TEMPERATURE : 14.2 °C (57.6 °F)
 • AT AN AVERAGE TEMPERATURE OF 23.0 °C (73.4 °F), APRIL IS THE HOTTEST MONTH OF THE YEAR. IN JULY, THE AVERAGE TEMPERATURE IS 18.0 °C (66.0 °F). IT IS THE LOWEST AVERAGE TEMPERATURE OF THE WHOLE YEAR.
 • PRECIPITATION IS THE LOWEST IN JANUARY, WITH AN AVERAGE OF 4MM (0.2 INCH). MOST PRECIPITATION FALLS IN JULY, WITH AN AVERAGE OF 384MM (15.1 INCH).

SWOT ANALYSIS :
S -> SEMI-URBAN AREA.
 -> GOOD TRANSPORTATION ACCESS.
 -> THERAPEUTIC SURROUNDINGS.
 -> CENTRAL AREA
 -> RICH BUILDING TYPES.
 -> HISTORICAL BACKGROUNND.
 -> INCREASED POPULATION-NEED OF BIGGER HOSPITAL.
 -> PANORAMIC VISTAS IN SOUTH WEST DIRECTION.
W -> NO MAJOR HOSPITALS NEARBY/TRAVEL FAR IN CASE OF EMERGENCY.
 -> HIGH TRAFFIC DENSITY (2021)
 -> LIMITED BUILDING HEIGHTS.
 -> STEEP SLOPE-N-S DIRECTION.
 -> DILAPIDATED EXISTING BUILDINGS.
 -> PREVAILING WIND DIRECTIONS.
 -> DISCONTINUOUS STREET AXIS.
 -> LACK OF PEDESTRIAN PATH WAY AROUND THE SITE.
O -> BUFFER THE NOISE POLLUTION FROM ADJACENT SITE.
 -> CREATE MORE HEALING GARDENS THAN A CONCRETE JUNGLE.
 -> MINIMISE NEGATIVE WIND IMPACT ON BUILT FORM AND OPEN SPACES.
 -> MAXIMISE THE SITE'S SUSTAINABILITY POTENTIAL.
 -> INCORPORATE RENEWABLE ENERGY TECHNOLOGIES WHERE POSSIBLE.
 -> CREATE AWARENESS ABOUT EMERGENCY HEALTH CARE.
 -> RESPOND TO THE SCALE OF THE SURROUNDING URBAN CONTEXT WHILE STILL UTILISING THE SPECIFIC ATTRIBUTES OF THE SITE.
 -> TO BE THE FIRST MAJOR HOSPITAL IN TOWN.
T -> FLOOD PRONE AREA.
 -> THERE ARE CHANGES OF WATER LOGGING DUE TO THE SLOPE OF THE SITE.

ABUNDANT MATERIALS :
 • THE BENEFITS OF HAVING LATERITE AS CONSTRUCTION MATERIALS IN TROPICAL REGIONS ARE WARMING ROOMS DURING COLD AND COOLING IN HOT SEASONS
 • AN EXCELLENT MATERIAL FOR SOUNDPROOFING MATERIAL AND ACOUSTIC INSULATION
 • HIGHLY FIRE- AND TERMITES-RESISTANT
 • AVAILABLE IN A VARIETY OF FORMS AND SIZES
 • HIGH THERMAL MASS STORES AND RELEASES ENERGY OVER TIME.
 • RECYCLABLE MATERIAL.

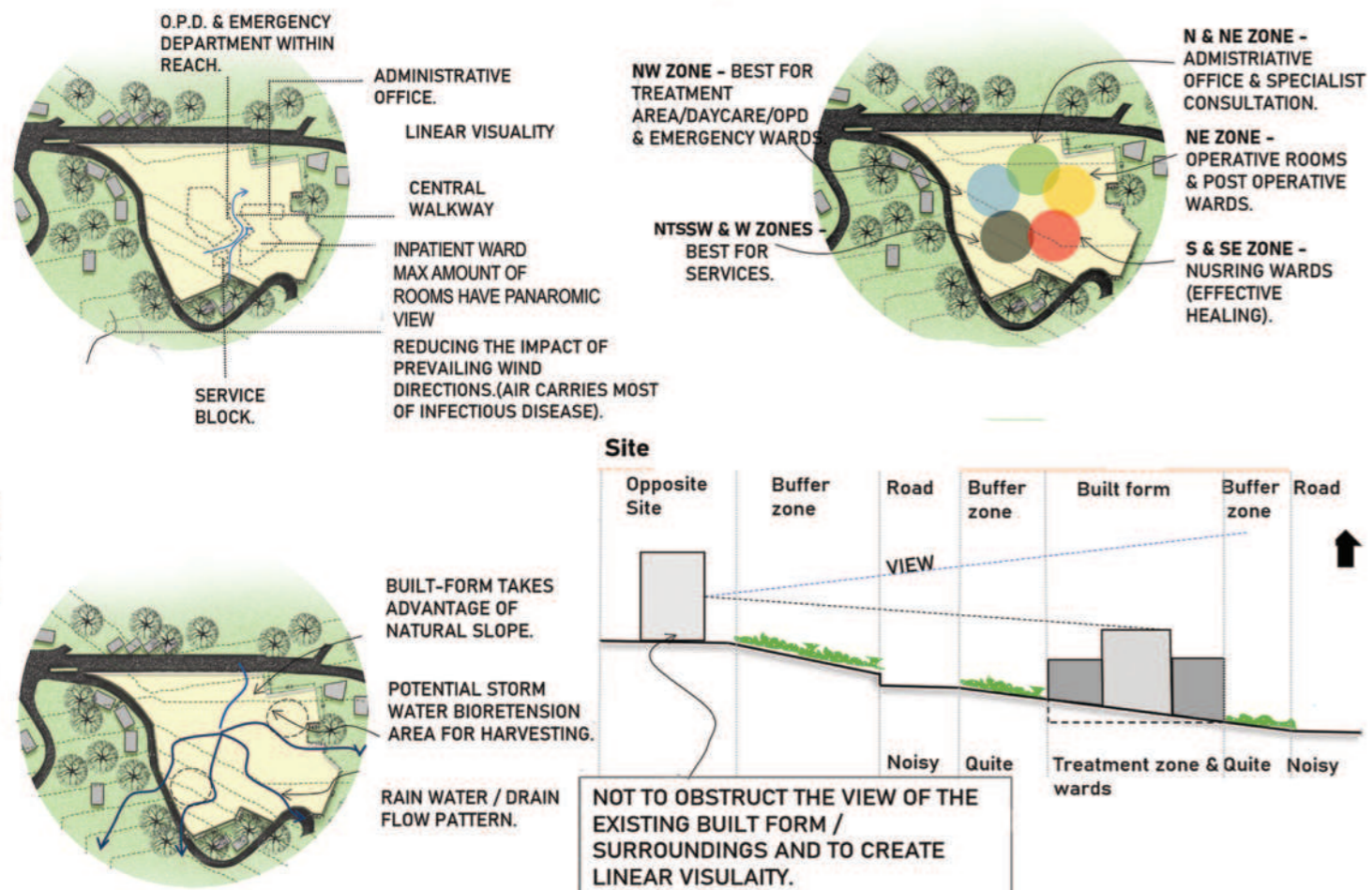
MORPHOLOGICAL ANALYSIS :
 • OFF CENTERED GROWTH OF THE TOWN.
 • INWARD PROGRESSION OF DISTRICT.
 • THE CONTEXT OF THE SURROUNDINGS ARE RURAL-URBAN MIXED OF THE BUILT FORM HAVE SLOPED ROOFS. THEY ARE BUILT OF LATERITE STONE.
 • ROAD NETWORKS ARE DIVIDED INTO HIGHWAY, ARTERIAL & LOCAL.
 • FORMS A MAJOR CONNECTIVITY LINK TO THE PROPOSED HOSPITAL.
 • THE SITE IS LOCATED AT THE ENTRANCE OF THE TOWN.
 • A SEMI-URBAN RURAL SETTING.
 • THE VISTAS IS TO THE SOUTHERN ZONE.
 • 2002 BARE LAND INHABITED BY HUMAN.
 • 2002 OPEN-LOOSE ORGANISATION.
 • SLOW CHANGE/GROWTH IN THE EXISTING BUILT FORM.
 • MOVING INTO BETTER SURROUNDINGS.
 • 2002 BUILT UP RESIDENTIALS FROM RURAL TO URBAN CHARACTER.
 • SOURCE : GOOGLE EARTH

Site Attributes



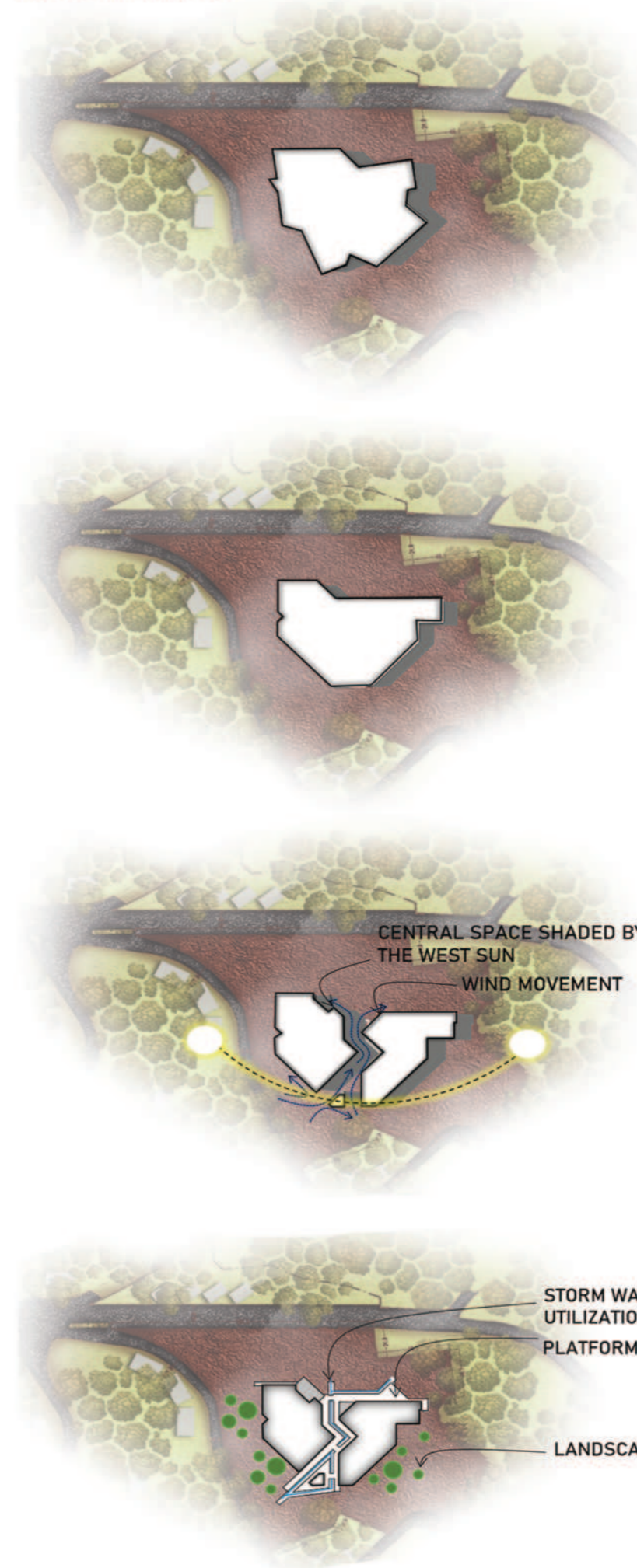
Architecture Portfolio

Strategies



2024

Form Evolution



Site contours dictate architectural form

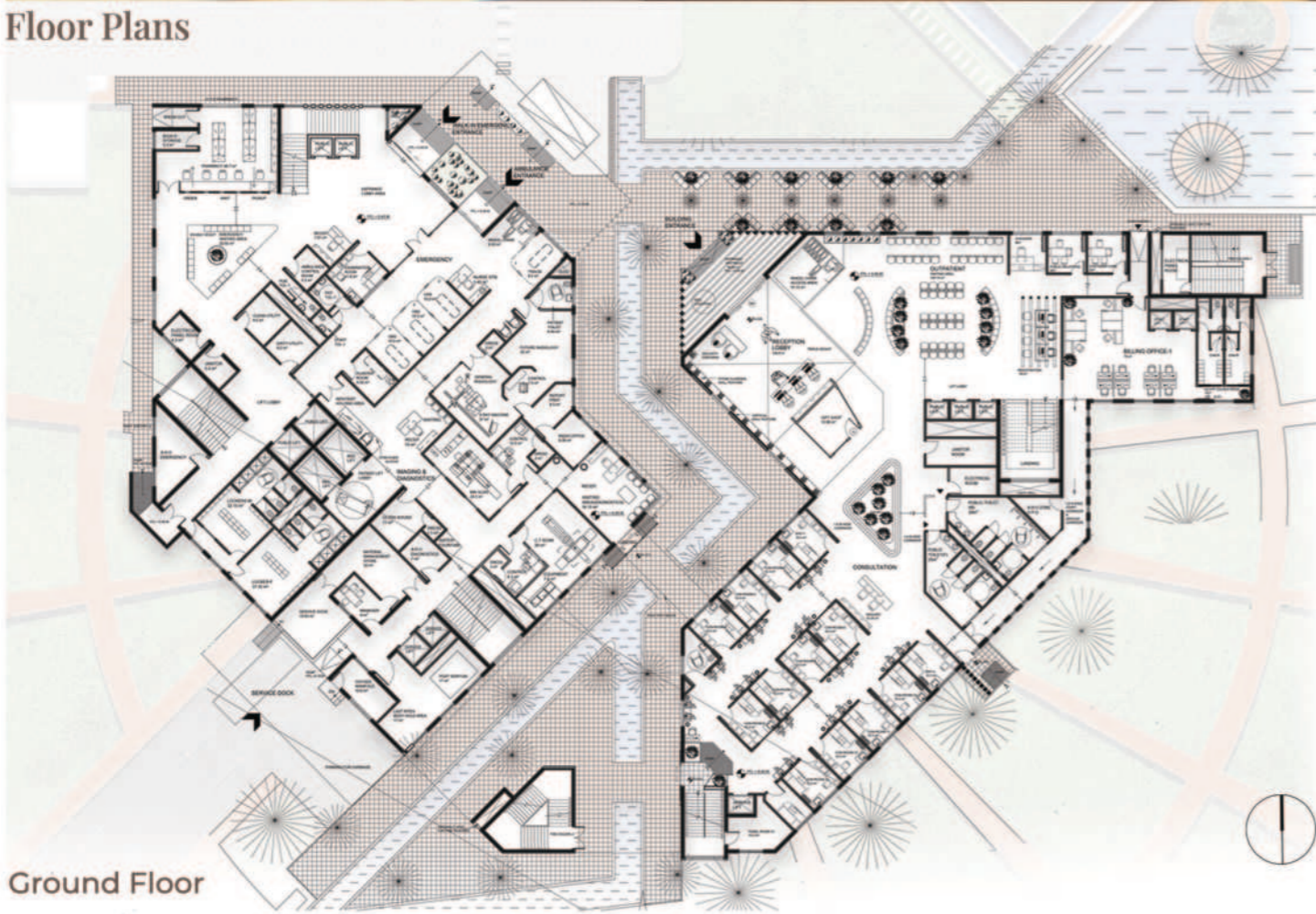
Employing 90-degree & 45-degree angles in wall design optimizes spatial functionality.

Linear courtyards optimize light, ventilation, & ambiance.

Zig-zag pattern manages stormwater flow and defines interior spaces



Floor Plans

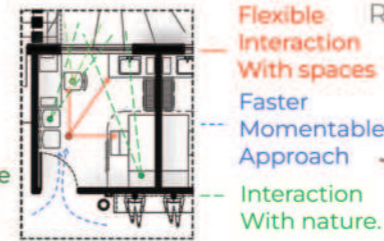


Ground Floor

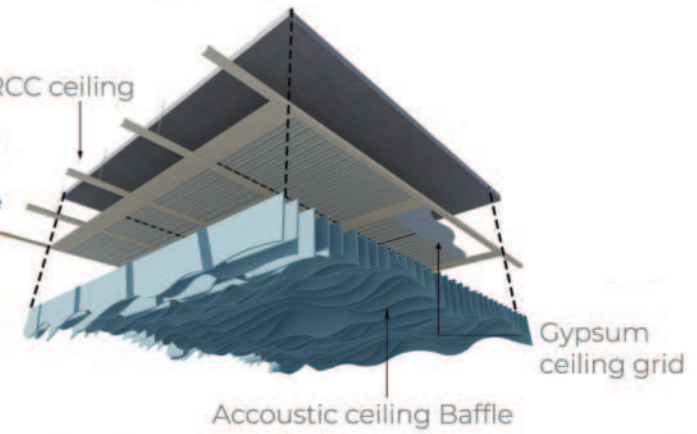


Details

Consultation Room



Acoustic ceiling Fixing view

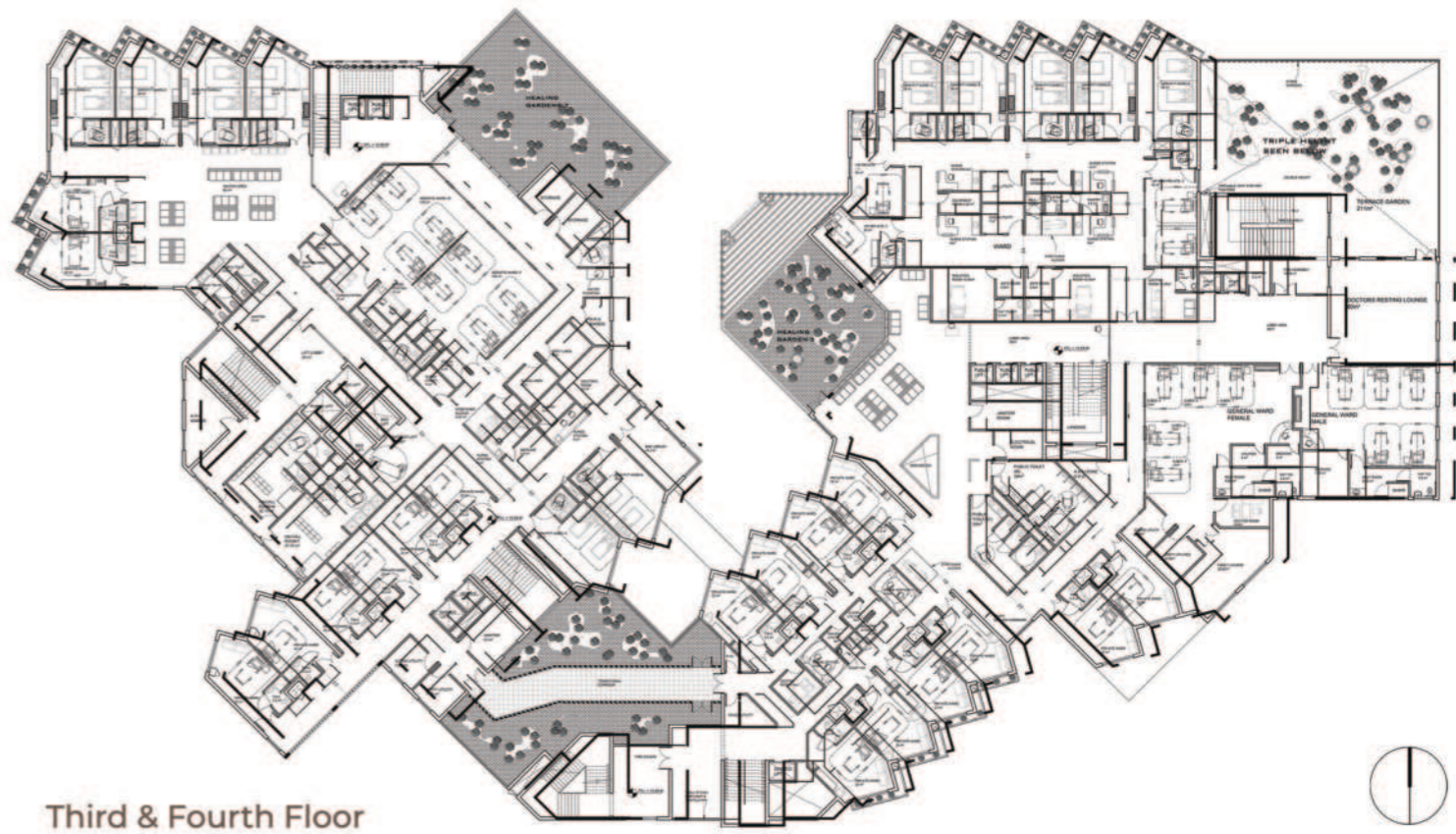


First Floor

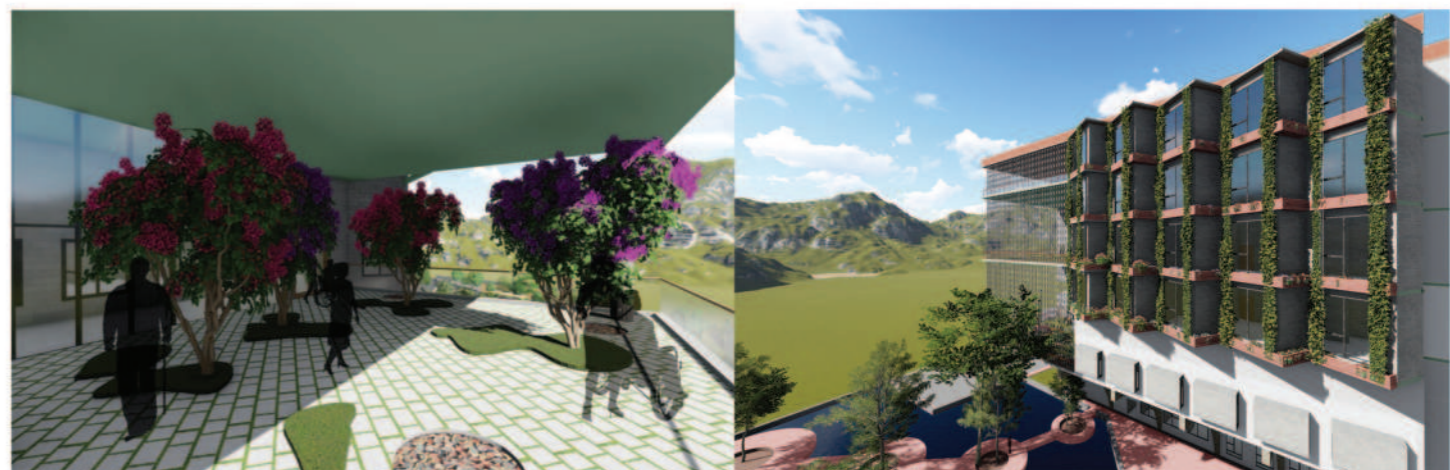
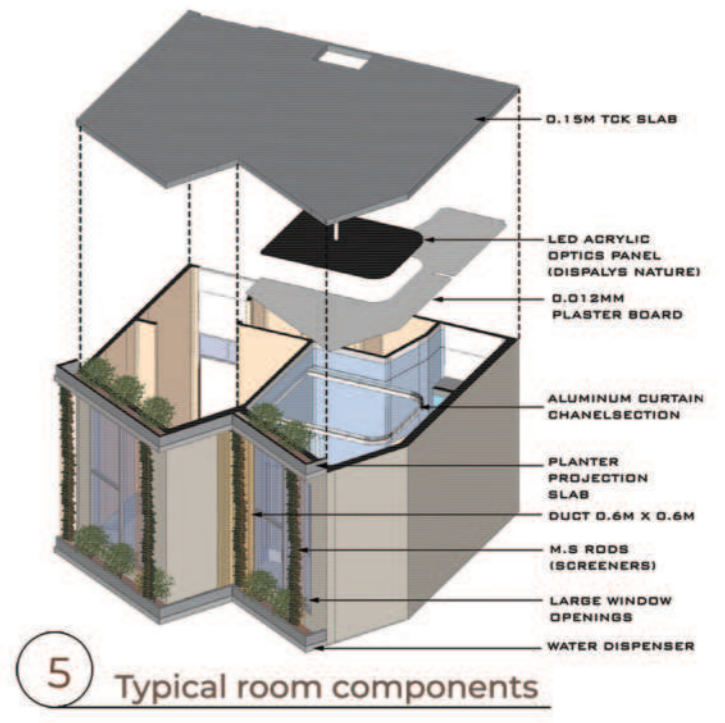
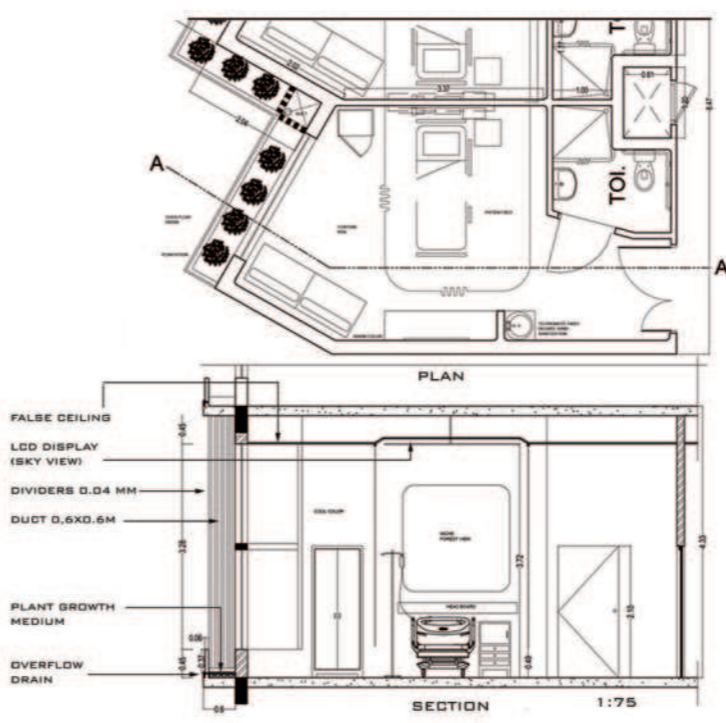
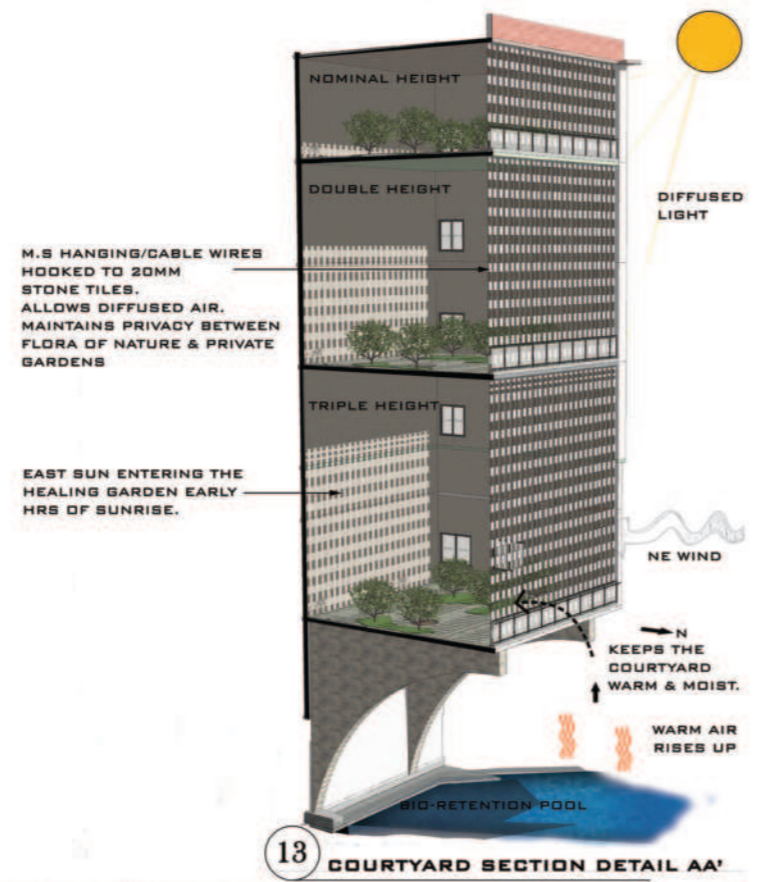
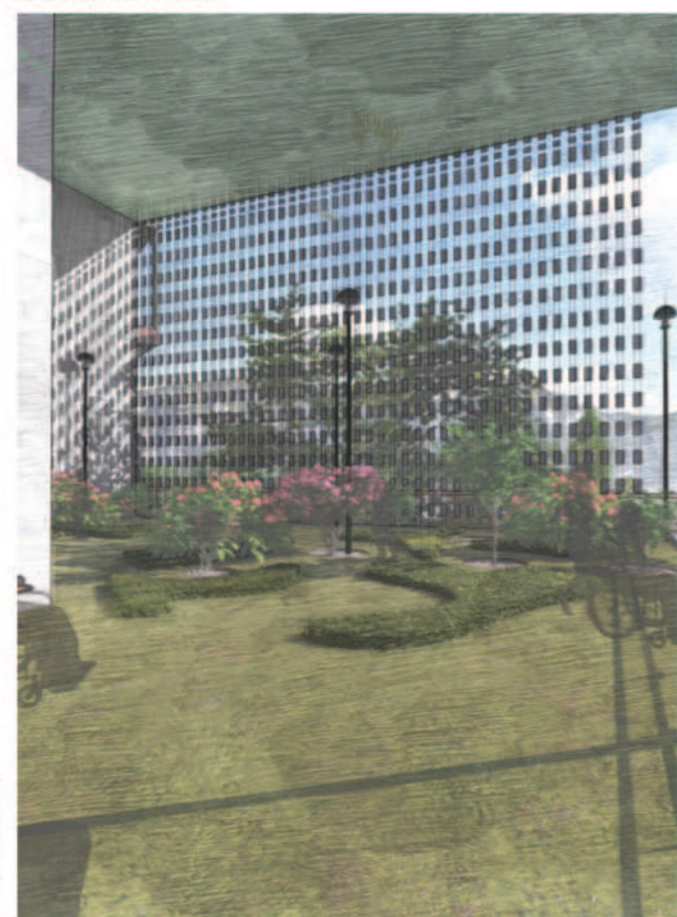




Second Floor



Third & Fourth Floor





Fifth Floor



Sixth Floor

Elevation



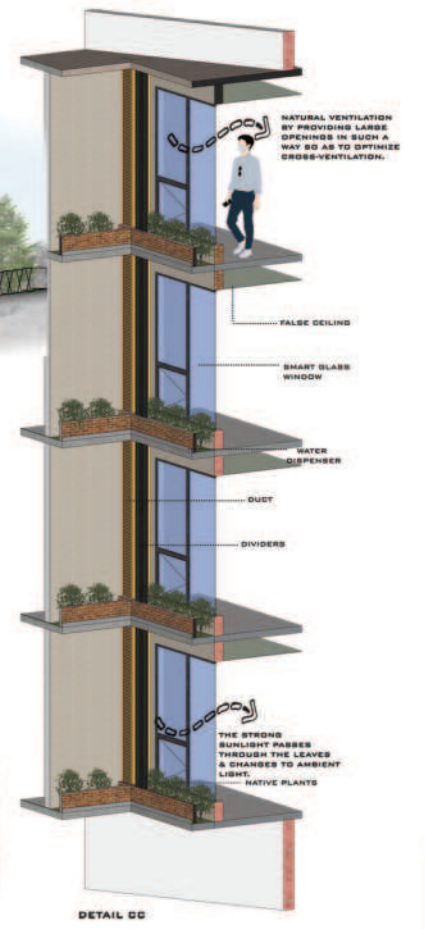
Front



Side



Kodagu MultiSpeciality Hospital/Design Thesis



DETAIL CC

03 Auroville Volunteering Compost Toilet - Uzhavar Pannai, Auroville

One of the spaces provided in the 1 acre land is the compost toilet for the users to use within the space with an area of 50msq, the waste produced is used as manure.



North Elevation



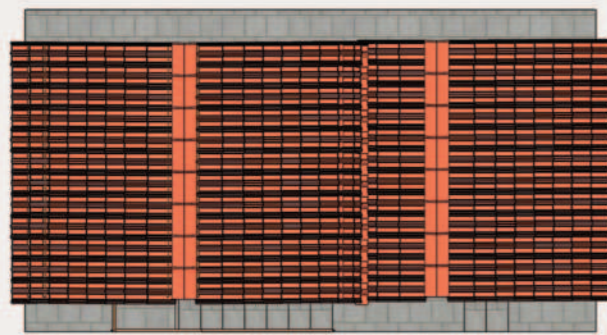
South Elevation



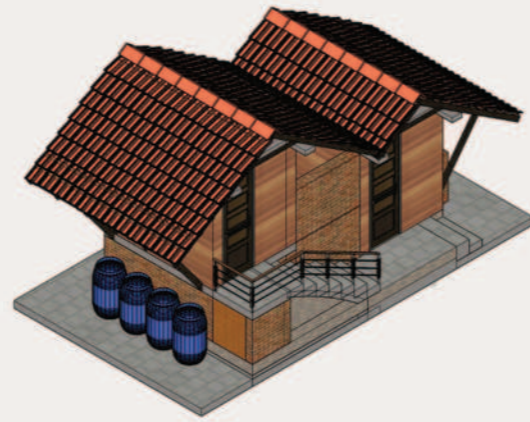
West Elevation



East Elevation



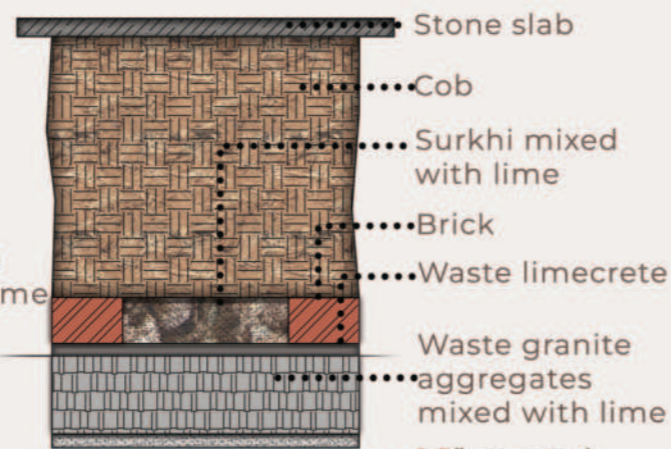
Roof



View



Foundation of the Toilet Block



Cobb Seat Detail



2' x 2' Foundation depth



Fine layer of M-sand



Coarse aggregate mixed with lime



Foundation filled upto 2" of coarse aggregate.



Ramming to get uniformity



Rubble masonry



Limecrete 1:4



Final fine layer of plc-foundation



Foundation completed with PLC



Plinth beam formwork



Plinth beam formwork



Salvaging waste granite material



Stone masonry



Waste kadapa stones where used to make secondary plinth

Compost Toilet - Uzhavar Pannai, Auroville



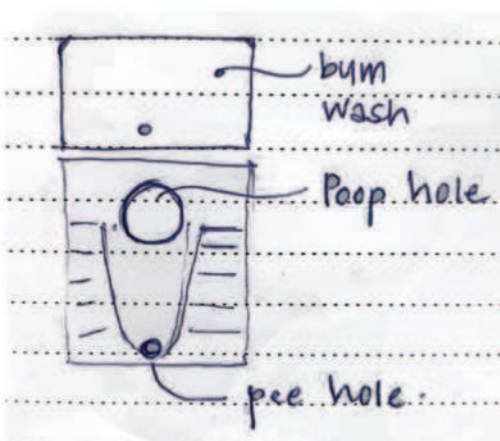
9" Stone Masonry Work



Exposed Brick Masonry



Architecture Portfolio



Working With Lime



This is a prototype of the compost toilet each of these fixtures cost about 2250/-compost toilets comes with separate designated holes for specific requirements.



Fermented kadukai jaggery water



Kadukai & jaggery



Shades of jaggery



Fermented kadukai jaggery water



Making lime mortar 1:4



Making of Cobb Seating



Marking & Centreline



Excavated About 6" Deep.



Laying a course M-sand & Aggregates



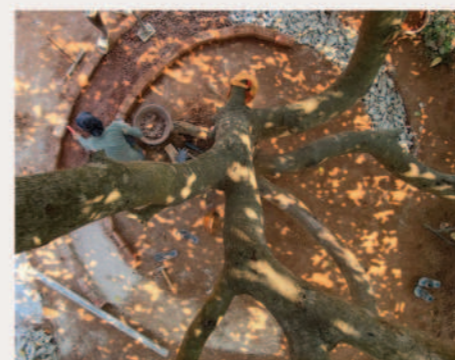
Granite waste mixed with waste limestone



Thin layer of limecrete over granite aggregate.



Surkhi mixed with Lime mortar



Alternatively using surkhi with slaked lime



Bricks placed on the base structure on both the sides using mud mortar



Center is filled with surkhi



The Brick Surkhi is compacted & the surface is given a rough finish



Mulching

Making of Cobb Seating



Mixing Straws with Mud



COB batch



Laying the cob



Shaping the Cob

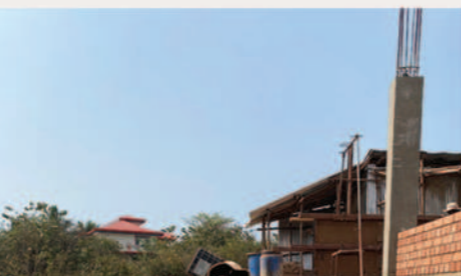


Levelling



Preparing mud plaster

Rammed Earth Workshop Dabolim,Goa



Soil Testing-

SAMPLE 1;

AUROJUNGLE RESORT

Soil looks silty and fine particle
Colour : Crimson red
Texture : Rough & Gritty feel

SAMPLE 2;

RAYAPUDUPAKAM TEMPLE

Soil looks : Sandy & Silt Clay might
be present (Lumps)
Colour : Ochre
Texture : Rough & Gritty feel

SAMPLE 3;

DOSAI VILLAGE

Soil looks : Silt Clay might be present
(Huge Lumps)
Colour : Brick red
Texture : Rough & Hard (initially) not
easy to break.

JAR TEST :



Equal volumes of the soil
Is put inside a flat based jar.



Fill 1/3 water inside the jar and
shake
The constituents well.

Observes : the bottle 1 & 3 is
taking some
Time for its constituents to settle
may be because Of the
presence of more clay content in
them than the middle one.



HAND TEST : AUROJUNGLE RESORT



- Gritty feeling
- Rough
- Crunch sound(sand & Silt present)
- Nearly dissolves

RAYAPUDUPAKAM.T



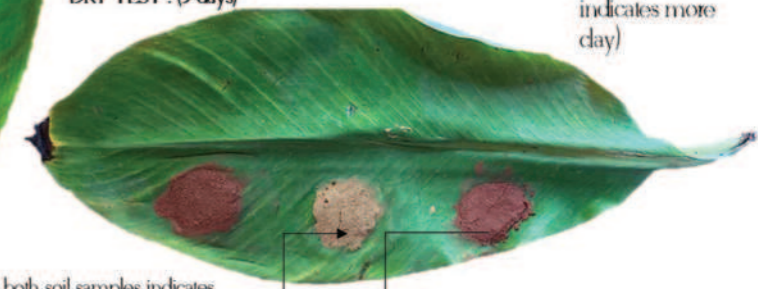
- Gritty & Sandy feeling
- Rough
- Crunch sound(sand & Silt present)
- Takes time to dissolve

DOSAI VILLAGE



- Fine paste
- Smooth
- No Crunch sound (Silt present) ?
- Readily dissolves into a paste indicates more clay)

DRY TEST : (3 days)



Cracks in both soil samples indicates
Clay might be present

RAYAPUDUPAKAM.T

All three layers are seen Sand is
dominant compared to Silt and
Clay being more than Silt.
Soil Type : Sandy loamy

AUROJUNGLE RESORT

All three layers are seen Sand is
dominant compared to Silt and
Clay being less
Soil Type : Sandy

DOSAI VILLAGE

Clay is present and Silt is also
acting as clay
Soil Type : Clayey

Keep the Jar on a flat surface & check percentage
of the different layers formed. (Clay : Silt : Sand)

04 Cottage Earth

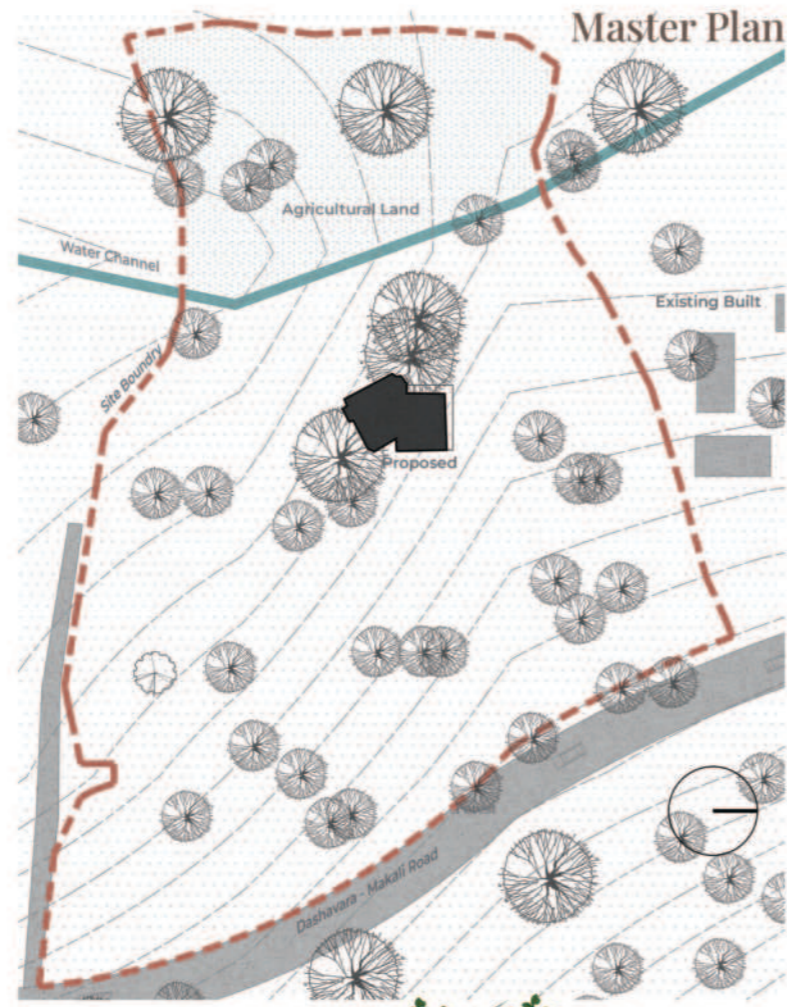
Location - Dashavara, Chanapatna

1200sqft Cobb House

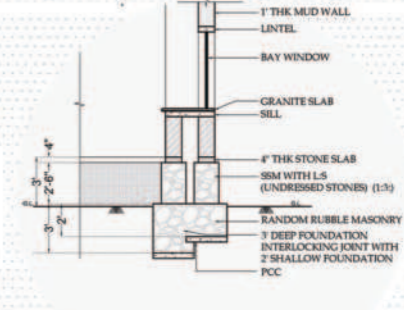
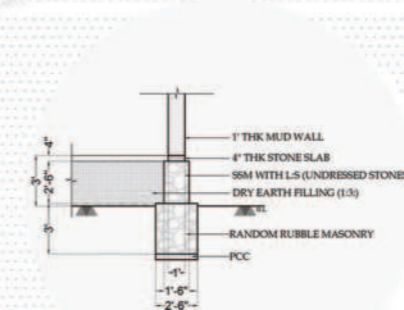
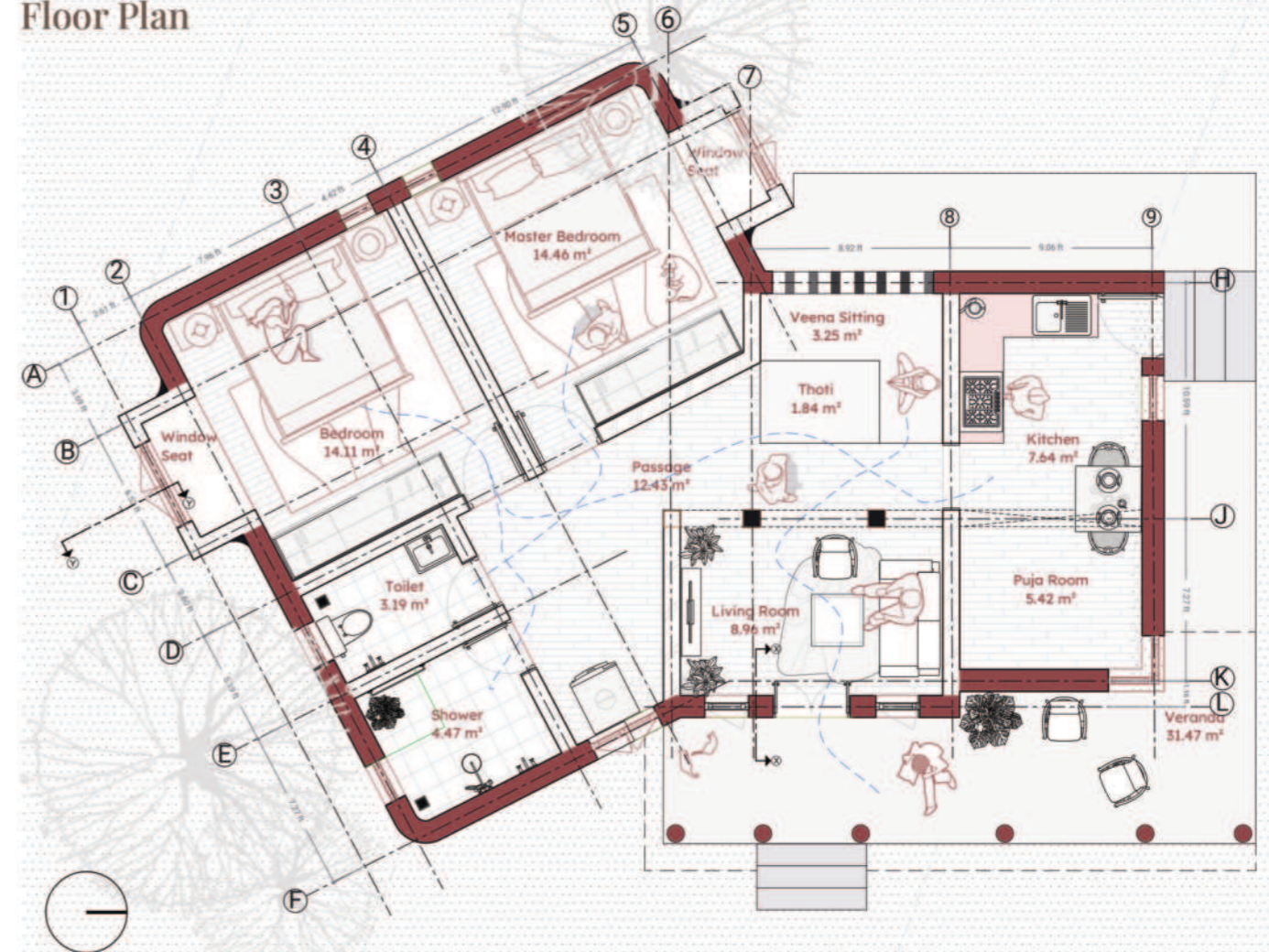
Nestled in Dashavara, Chanapatna, this architectural venture draws inspiration from the local and neighboring structures. The design boasts a linear layout, with a twist—the bedroom, angled for an intriguing interplay of elevation and plan. This deliberate orientation optimizes airflow and offers a unique aesthetic.

Strategically positioned to face the eastern part of the site, the structure is meticulously crafted using cob construction. Employing soil excavated onsite, this method blends earth, sand, and straw to create an organic outer shell that seamlessly melds with the surroundings.

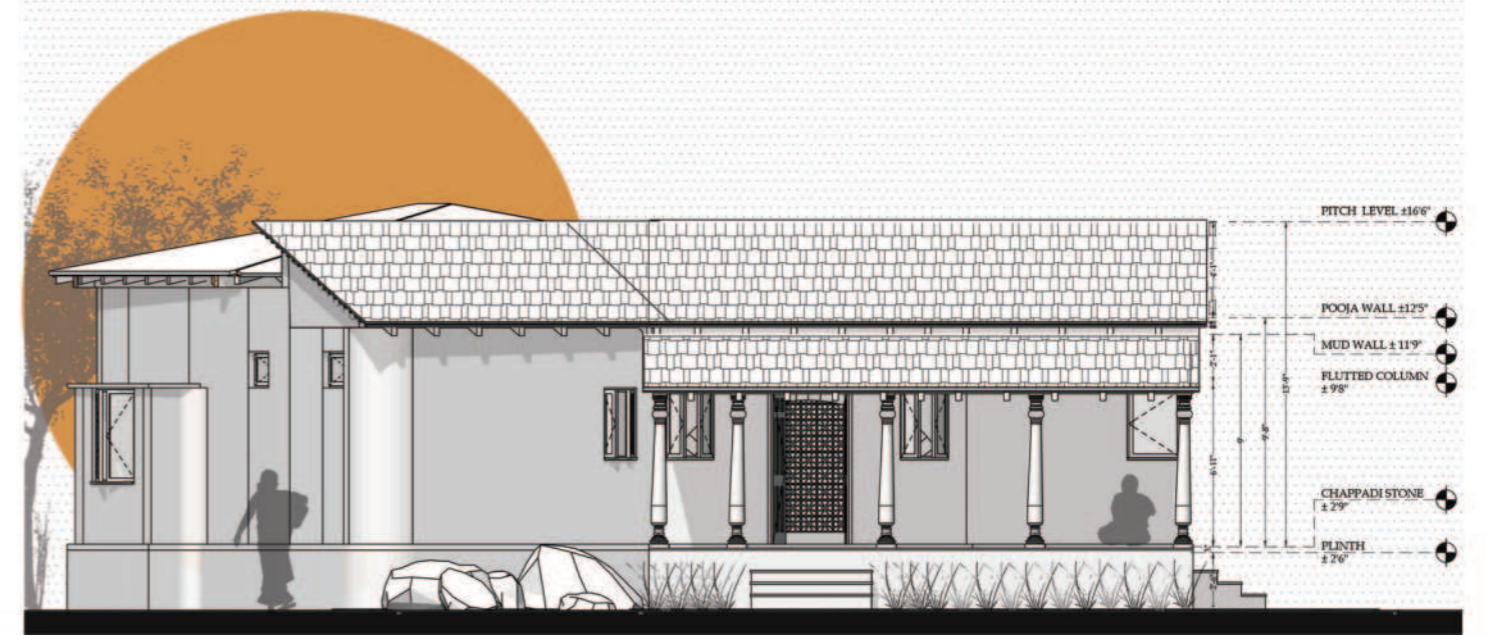
Innovatively, the load-bearing design relies on the walls themselves, eschewing traditional beams. This approach not only champions sustainability by using local resources but also harmonizes architectural form with the natural environment, capturing both beauty and functionality.



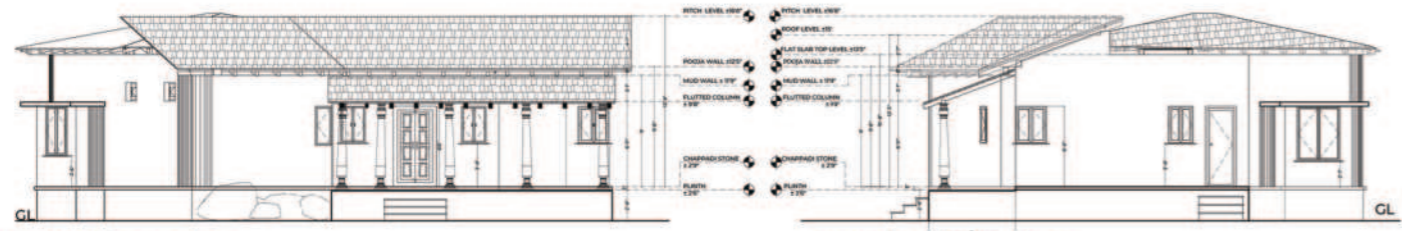
Floor Plan



East Elevation

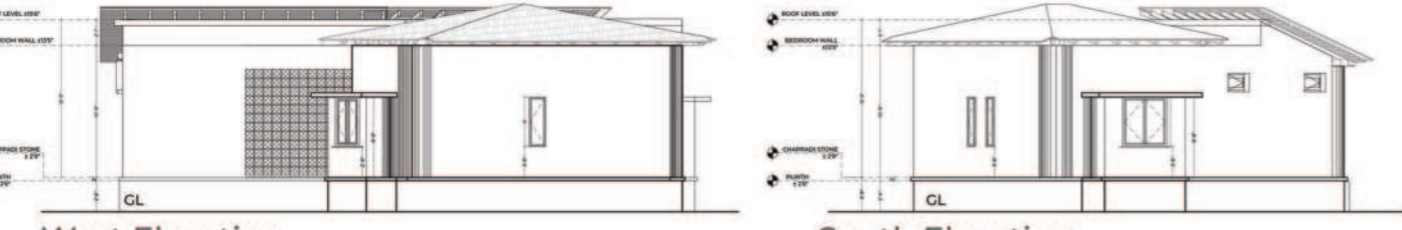


Architecture Portfolio



East Elevation

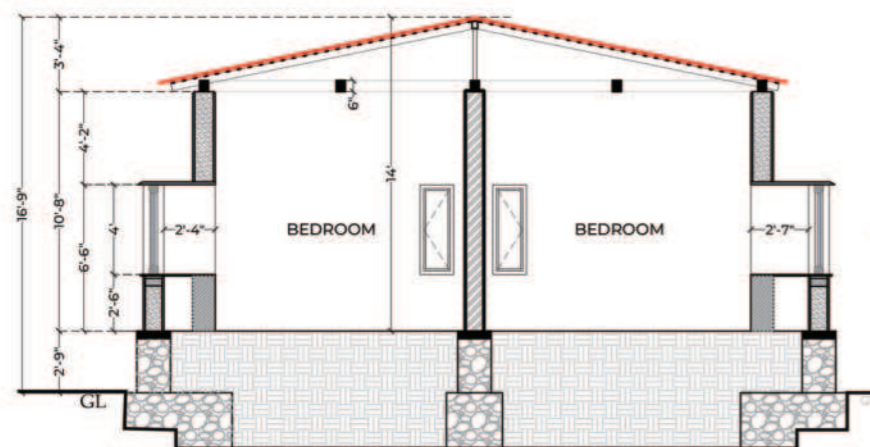
North Elevation



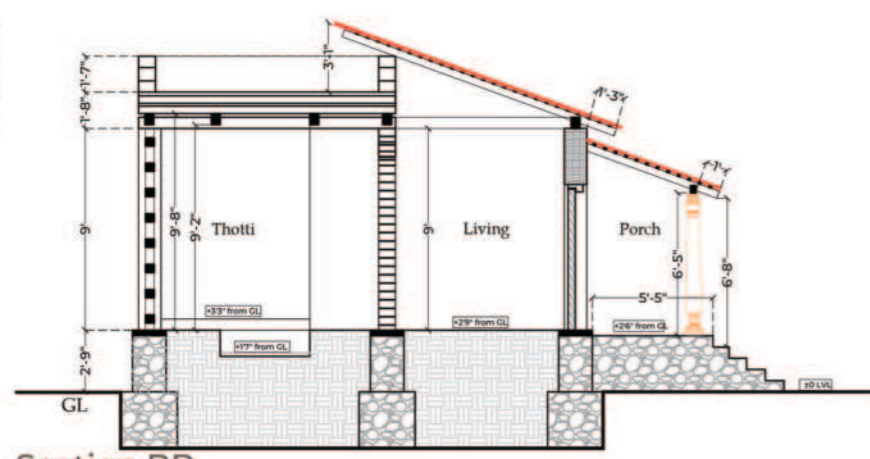
West Elevation

South Elevation

Section

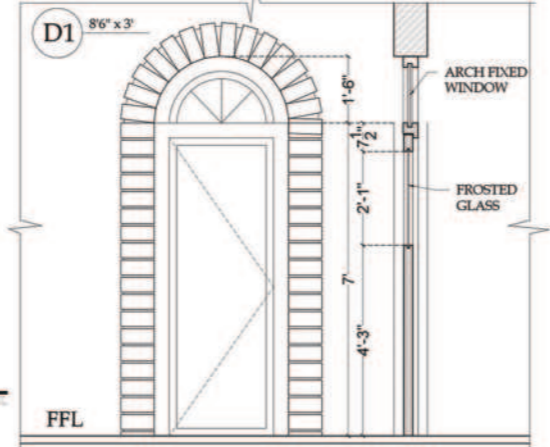


Section AA

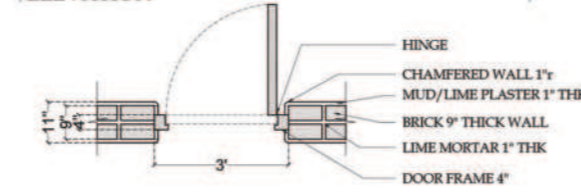


Section BB

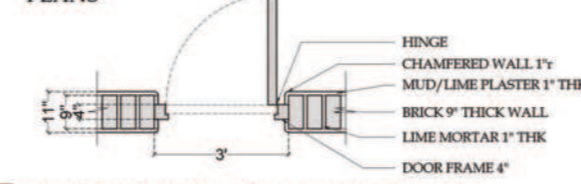
Details



ELEVATION

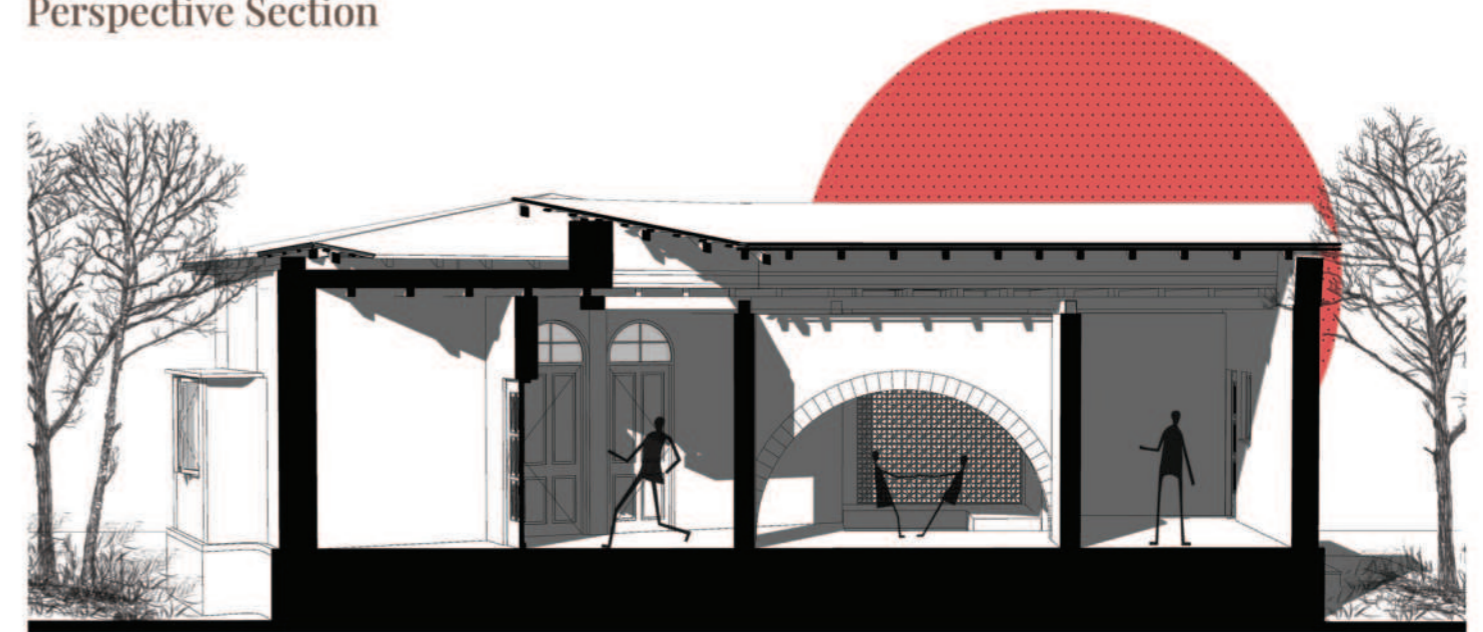


DOOR (D1) DETAIL - BRICK FIRST COURSE PLANS



DOOR (D1) DETAIL BRICK SECOND COURSE
DETAIL FOR DOOR D1

Perspective Section



Site Progress



05 Boutique Apartments-Hide & Seek Homestay

Location
Bidar KA

Year of completion
Ongoing

Project size:
9000Sft Built Up area.7 nos.2bed Flats

Team
Ar.Sharanya, Ar.Kiran, Ar.Prerana, Ar.Nitin Bopanna ,Megha

Client:
Mr. Basavaraj Patil

Responsibility's:
Structural Co-ordination.
CFC Drawings.
3D Design.-Updation & Rendering.

Architecture Portfolio

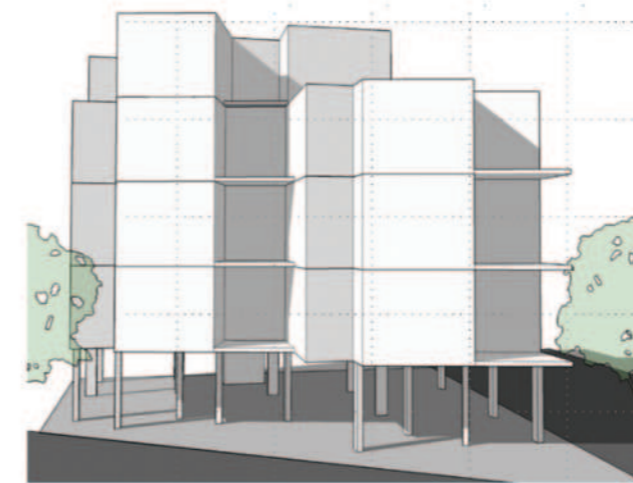


Nestled within an angular enclave, this enchanting apartment is a testament to meticulous design, seamlessly integrating natural elements into a captivating spatial experience. Its allure lies in a modern fusion of materials, crafting an exterior of sophisticated elegance that sets it in a class of its own.

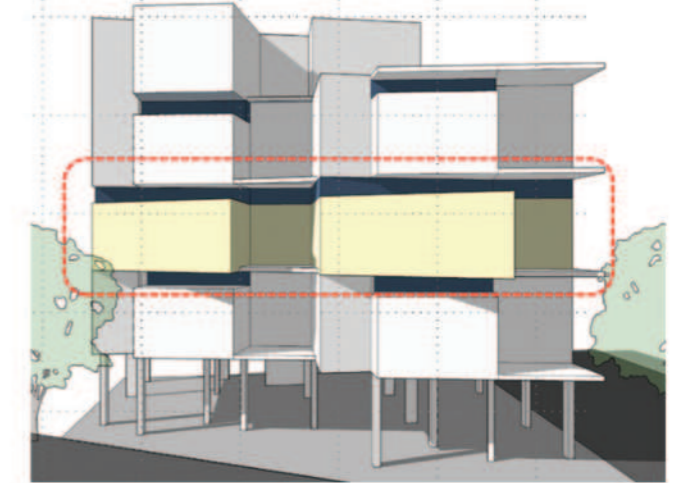
Visitors are greeted with a breathtaking visual journey upon arrival, stepping into a vibrant, sunlit core teeming with life. Designed in harmony with Vastu principles, the architecture is a canvas for captivating views and immersive encounters, especially for guests residing in the two condos per floor. Embracing its unique position between two roads, the layout harnesses the natural elements, channeling winds and sunlight to create a sanctuary that adapts to the environment effortlessly.

Balconies and kitchens facing east adorn the design, celebrating the embrace of morning light and enhancing the overall comfort of the space. The precise angles and clean lines define inviting spaces that seamlessly blend style with practicality. Reflecting the narrative of the architecture, the exterior facade is adorned with intricate jaali work—sustainable, visually arresting, creating a dance of light that both reveals and conceals the inner sanctuary.

Form Evolution



Extruded Plan Form.All Same on each floor

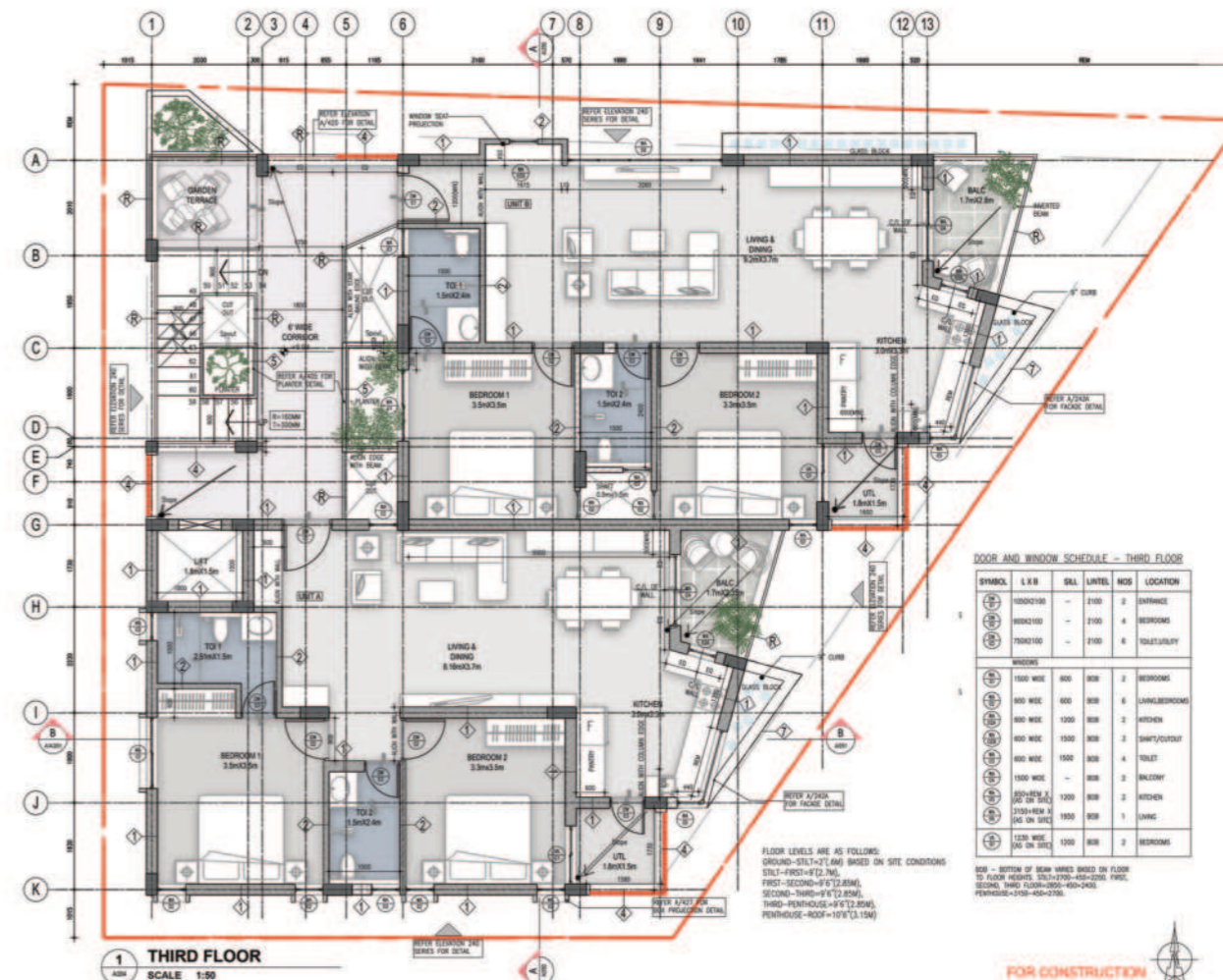
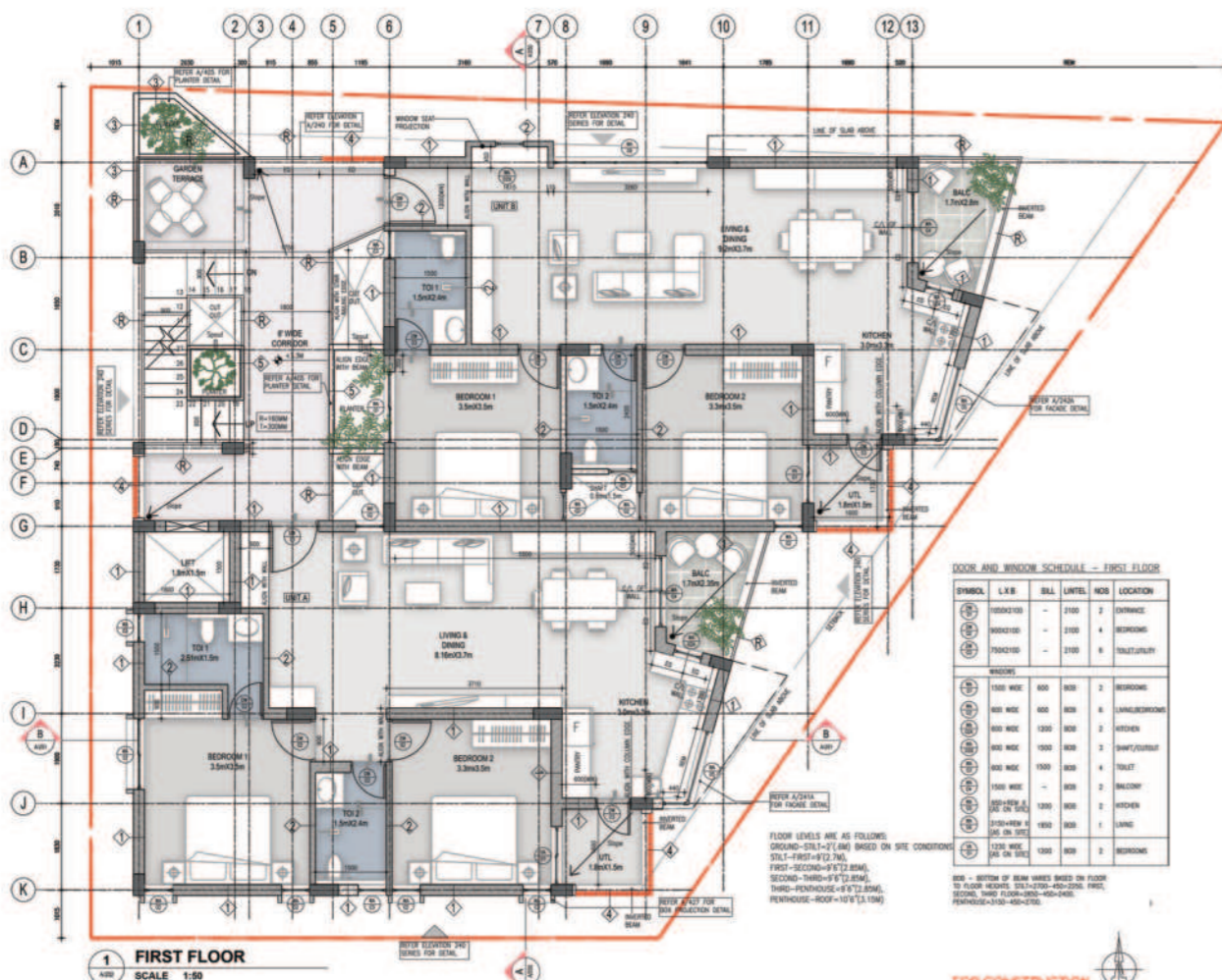
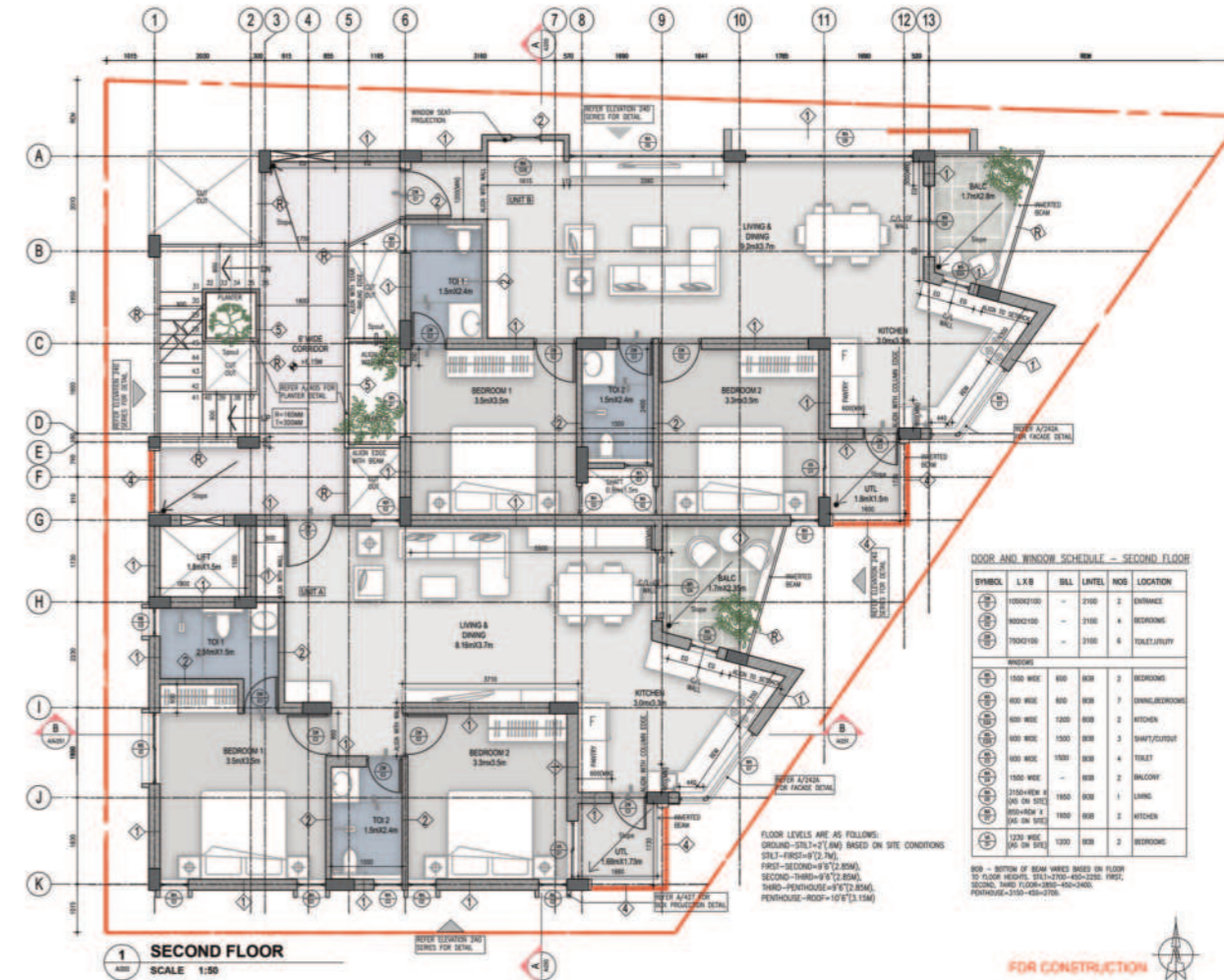
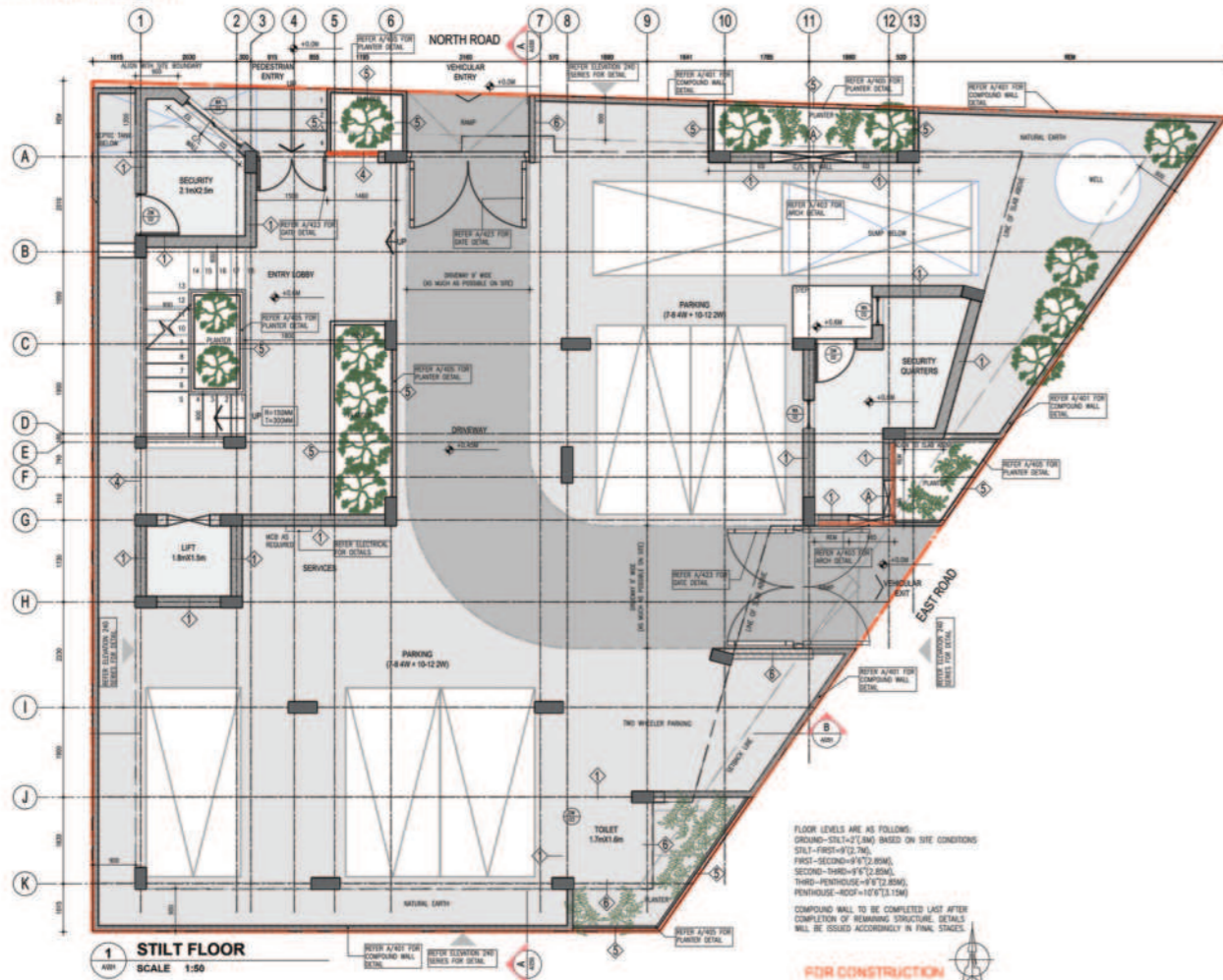


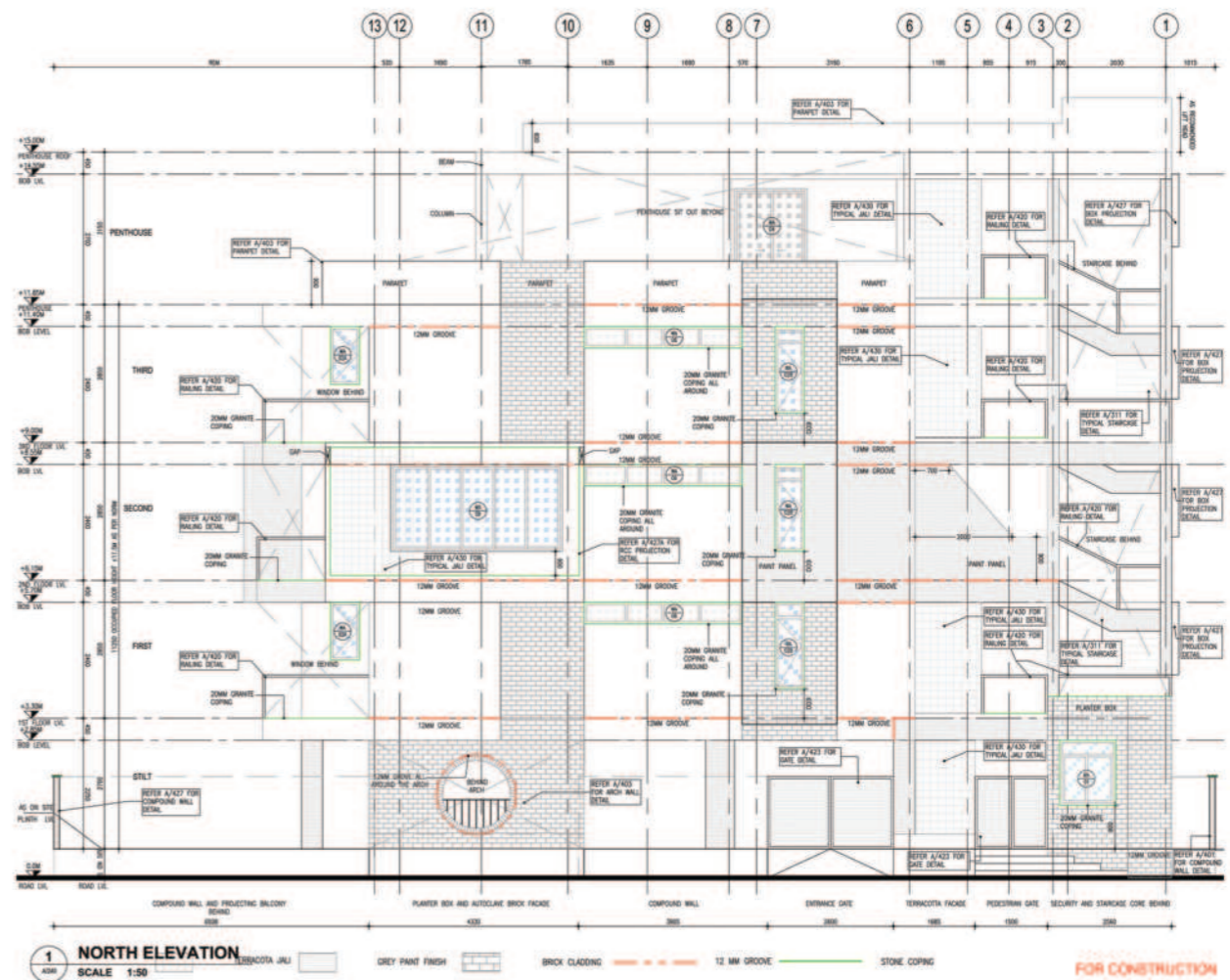
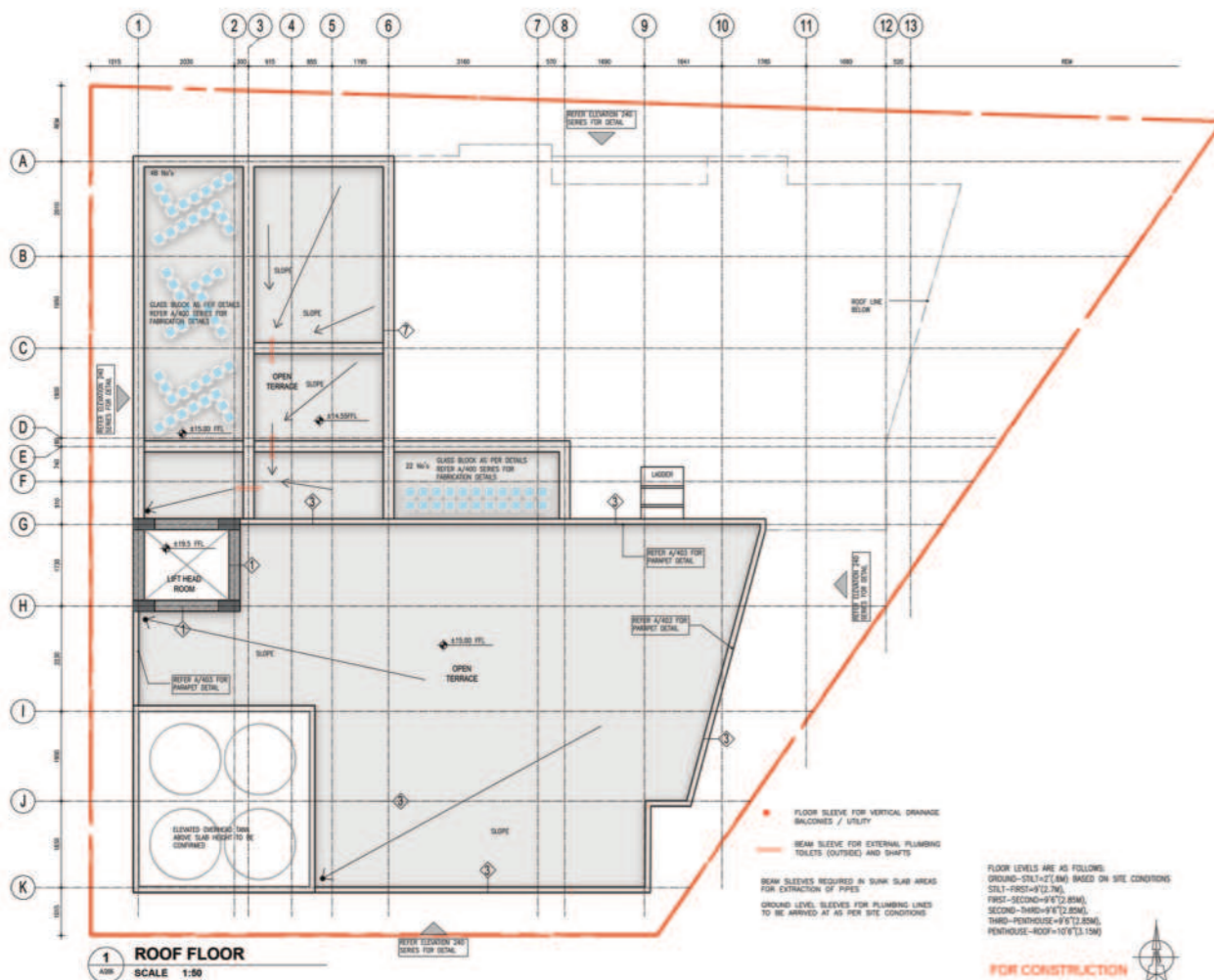
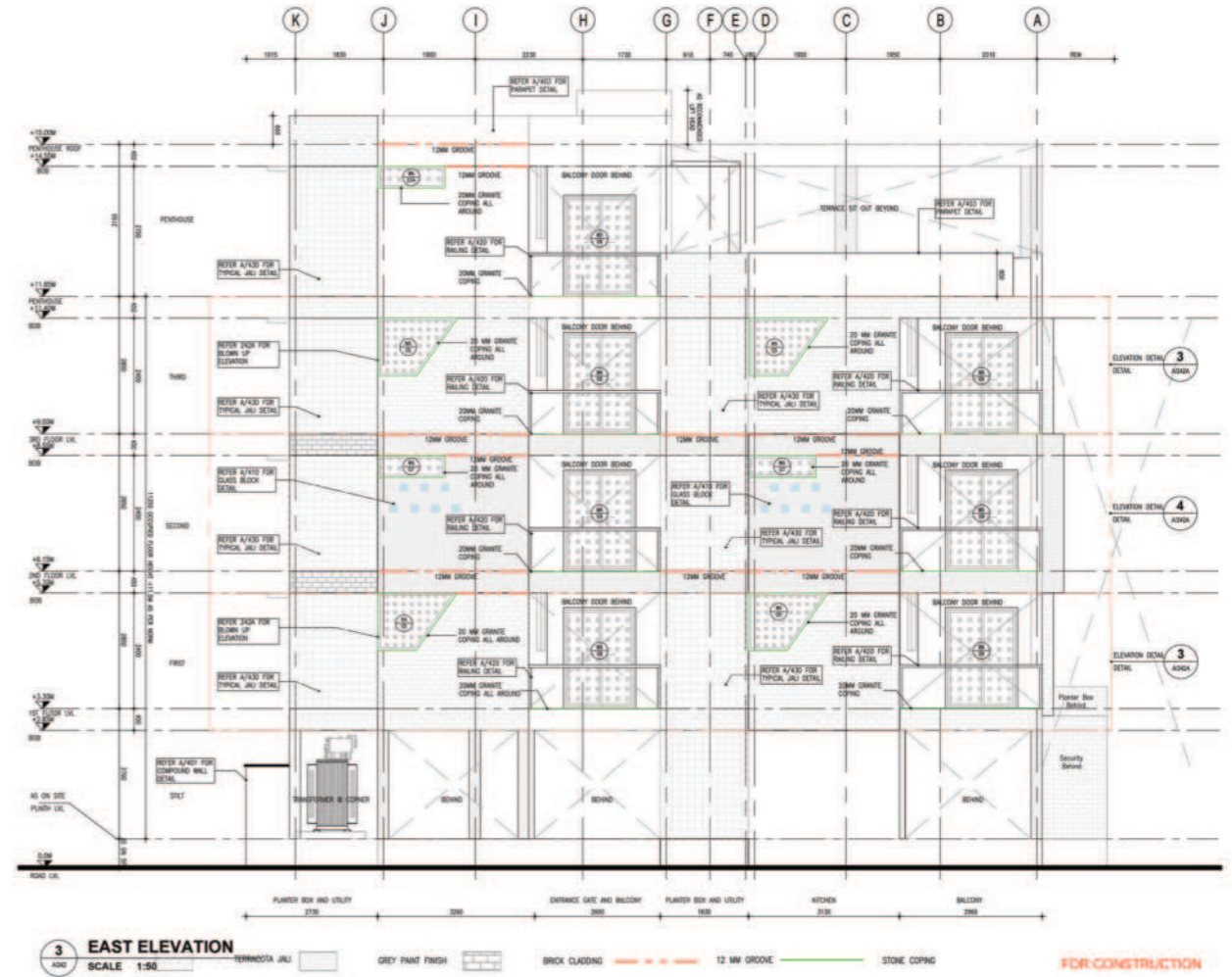
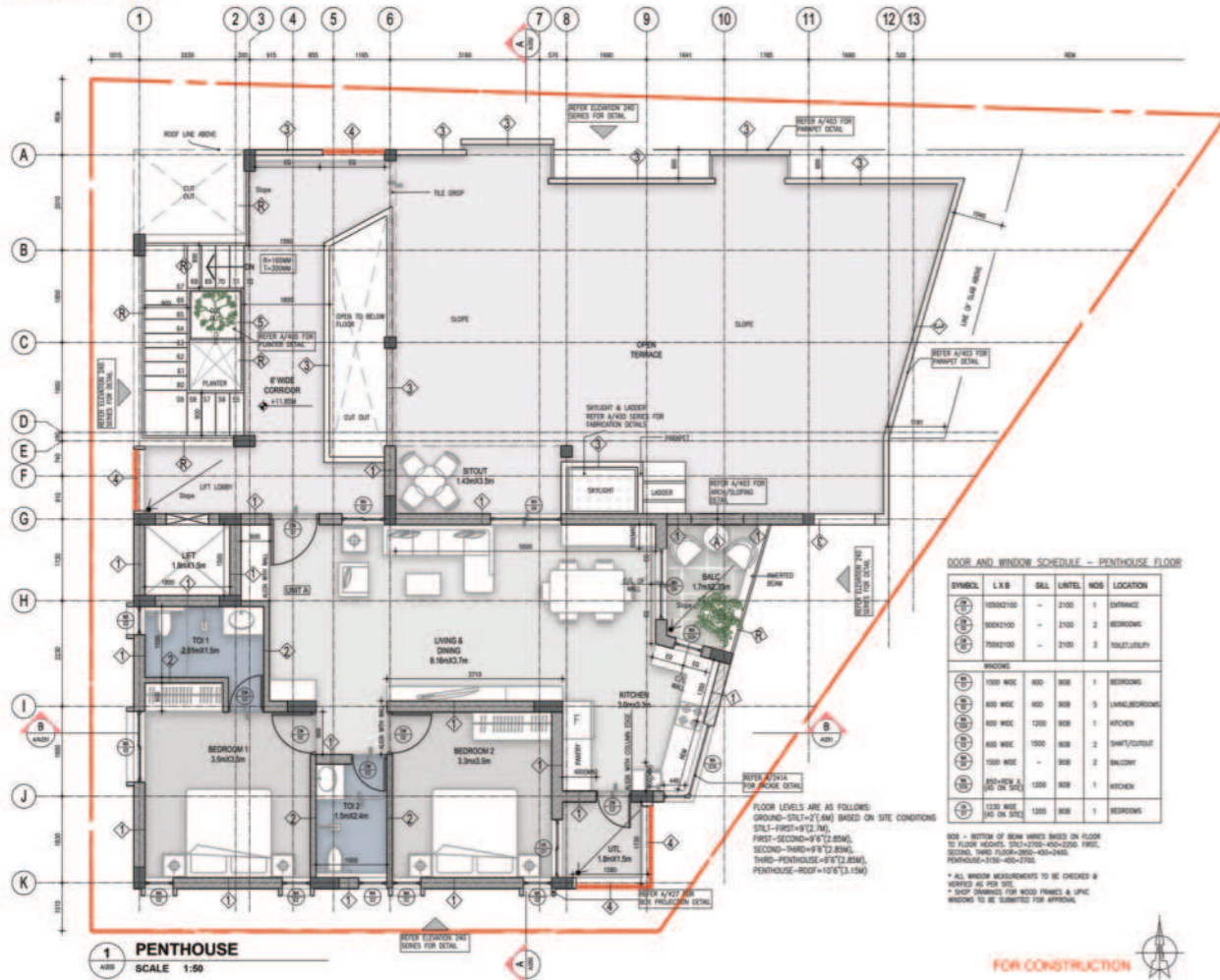
Variation of mass on one floor-Kitchen & Balcony



Play with strip window & openings in cantilever slab portion - Kitchen area strip light window & chajja level corner fixed window possibility at kitchen with slab protection above. Glass railing to emphasis on mass, possibility of color/cladding at dynamic floor level.









06 Rest House Crescent

Location
Rest House Crescent Rd, Bangalore

Year of completion
Ongoing

Project size
6000 Sqft BA

Team
Ar. Sharanya, Ar. Nitin Bopanna, Megha

Client:
Mr. Pramod

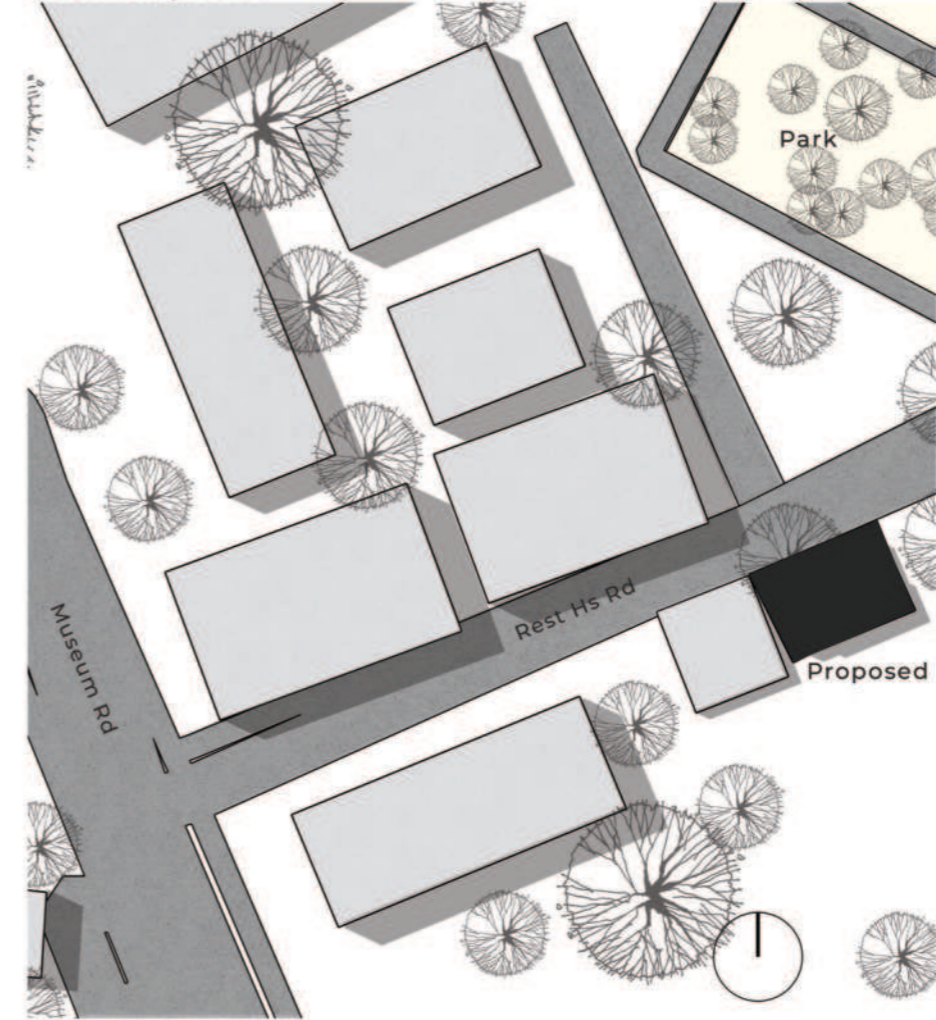
Responsibility
Conceptual, GFC Drawings, 3D Renders
Structural Co-ordination.

Architecture Portfolio

2024

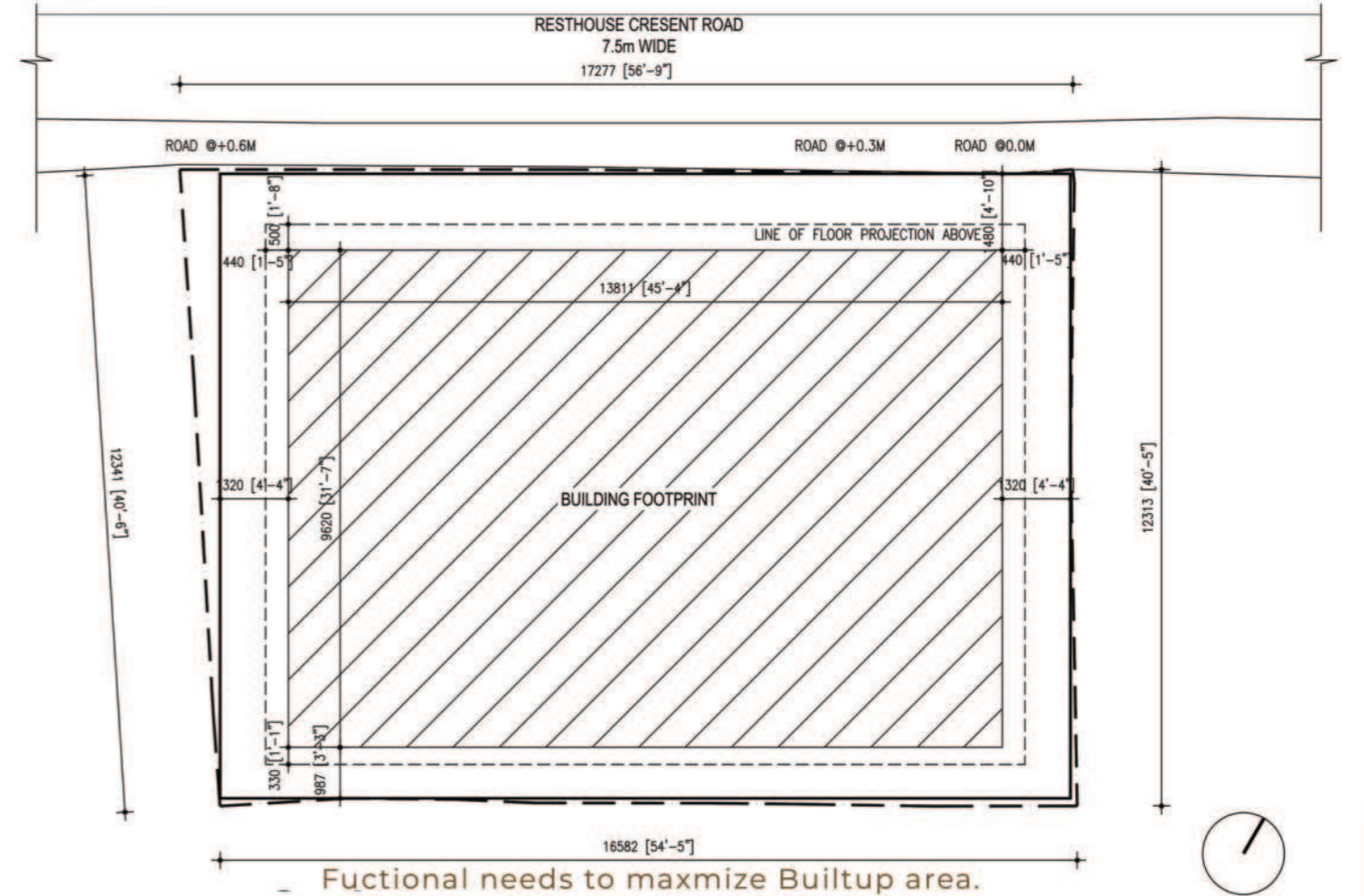


Site Layout



Rest House Crescent stands tall as a distinguished G+3 commercial gem nestled in the vibrant heart of Bangalore's Museum Rd. Embracing neoclassical architectural elements reminiscent of Old Bangalore, this 6000 sqft BA plot redefines the local landscape. Its timeless design harmonizes history, functionality, and aesthetics, embodying a neo-classical commercial space that transcends eras. Each floor of this architectural endeavor is meticulously crafted to exude elegance, offering a seamless fusion of heritage-inspired charm and contemporary utility. With its commanding presence, Rest House Crescent is poised to become a landmark, symbolizing the perfect blend of tradition and modernity in Bangalore's bustling atmosphere.

Site Plan

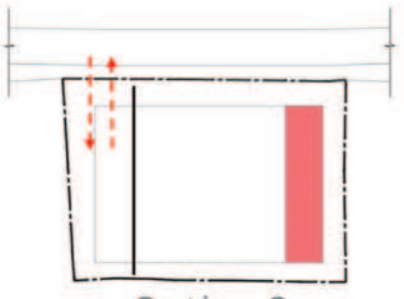


Concept Development : Core/Circulation



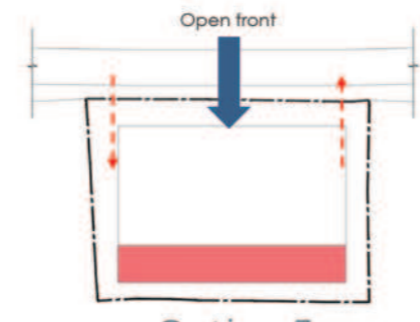
Option 1

Slope of Land: Accessible
 Circulation Flexibility: Versatile
 Facade Clear Space: Unobstructed
 Visibility: Prominent
 Parking Max: Efficient plan.



Option 2

Due to the slope, the site would be difficult to access from here. Visibility is compromised

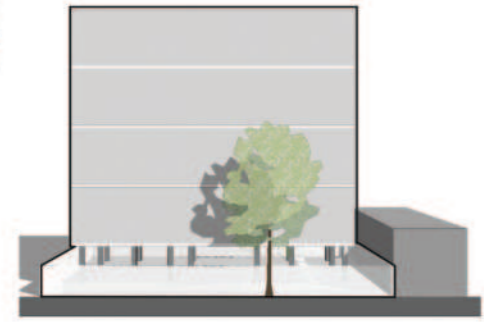


Option 3

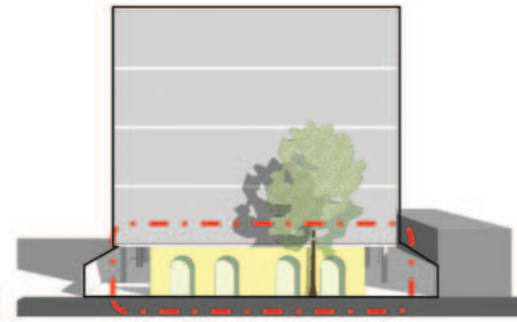
More Frontage Flexibility
 Openness



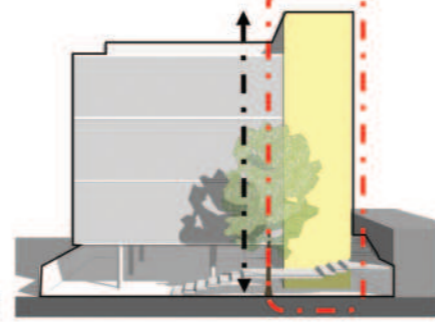
Visual Appeal



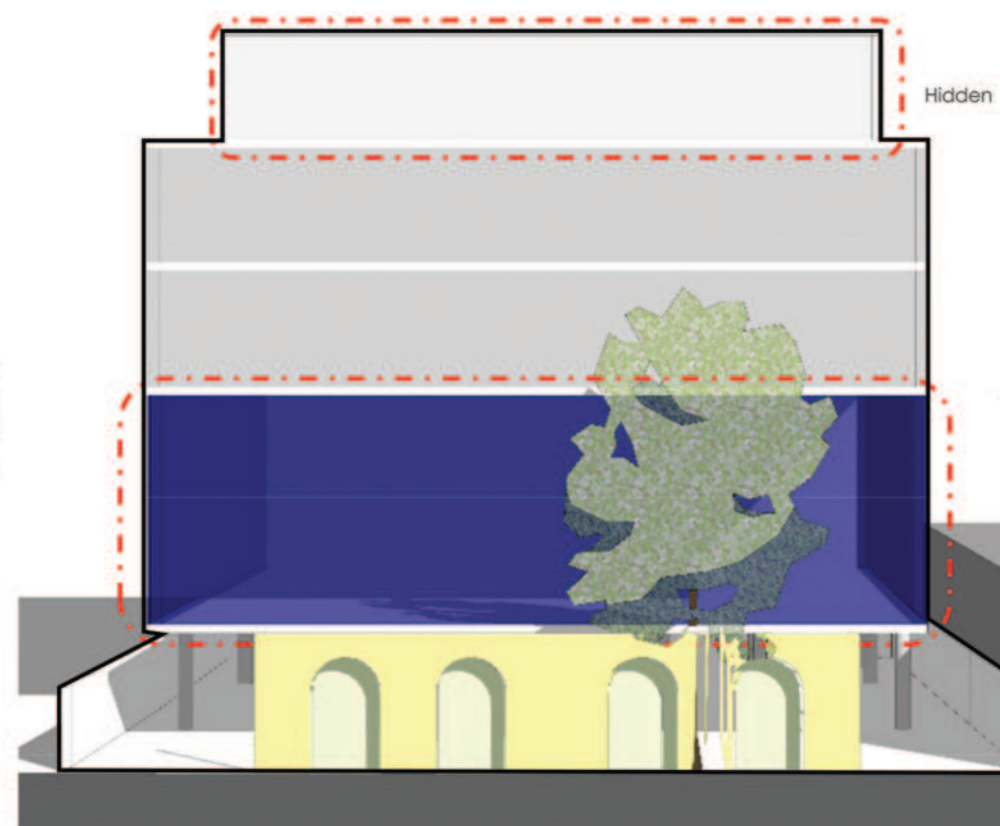
Lack of engagement - only vehicles + stilt



Open front - ground level engagement



Vertical emphasis signage - light mural (distant engagement)



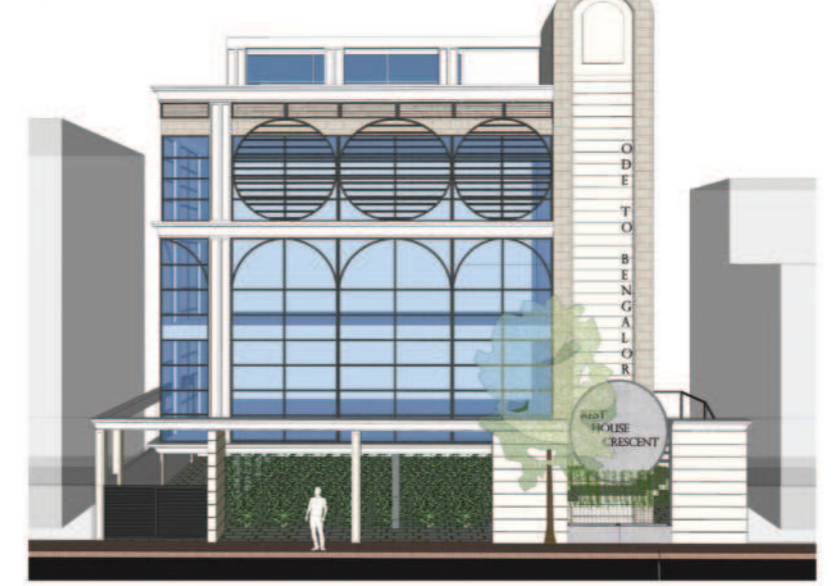
Drawing inspiration from the elegance of Old Bangalore, Rest House Crescent stands as a testament to classical architecture with a modern twist. The striking glass facade serves as a gateway to unparalleled views of the adjacent park, establishing a harmonious link between the indoors and the serene natural environment.

Form Development Option 1



Clean lines and uncluttered design. Focus on essential elements for an unpretentious look. Straight, well-defined lines dominating the structure. Geometric precision creating a sense of order and balance. Utilization of architrave beneath straight lines for visual contrast. Serves as a distinctive feature,

Option 2



Curved Lines trying to balance the straight rigid walls. Geometric precision creating a sense of order and balance. The core form the focus looks distinct from the building.

Option 3

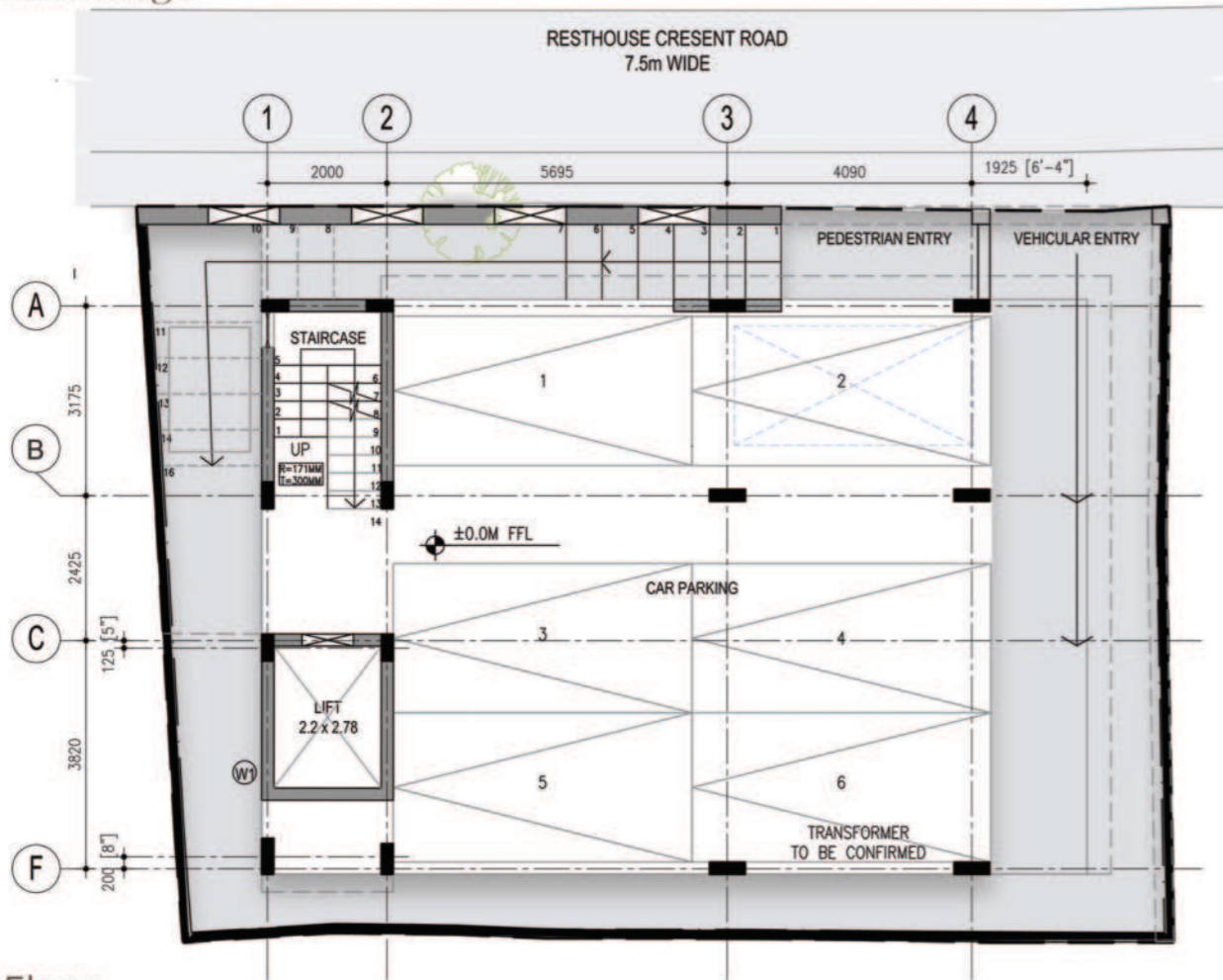


Clean lines and uncluttered design. Focus on essential elements for an unpretentious look. Straight, well-defined lines dominating the structure. Geometric precision creating a sense of order and balance. Monkey cap drives all the

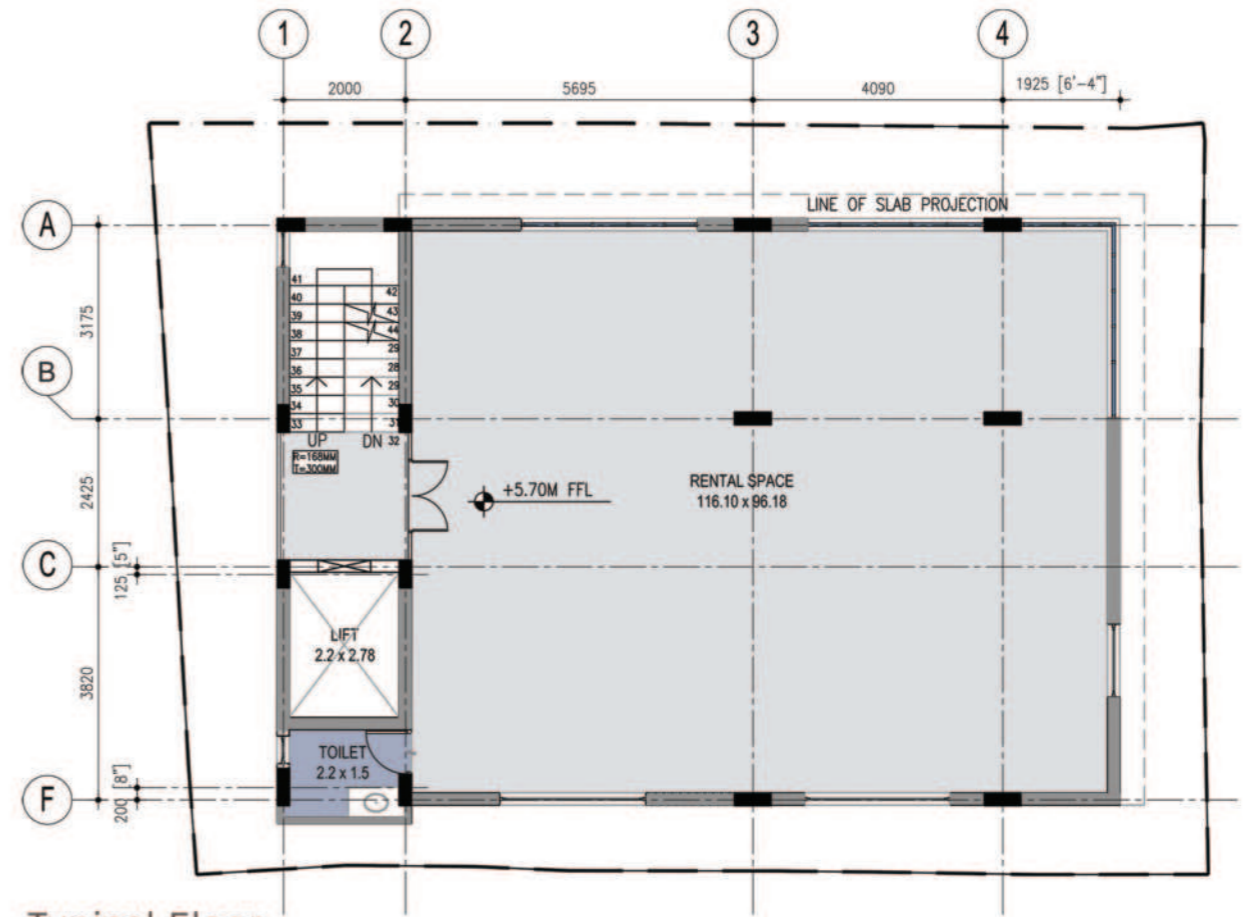
Rest House Crescent

GFC Drawings

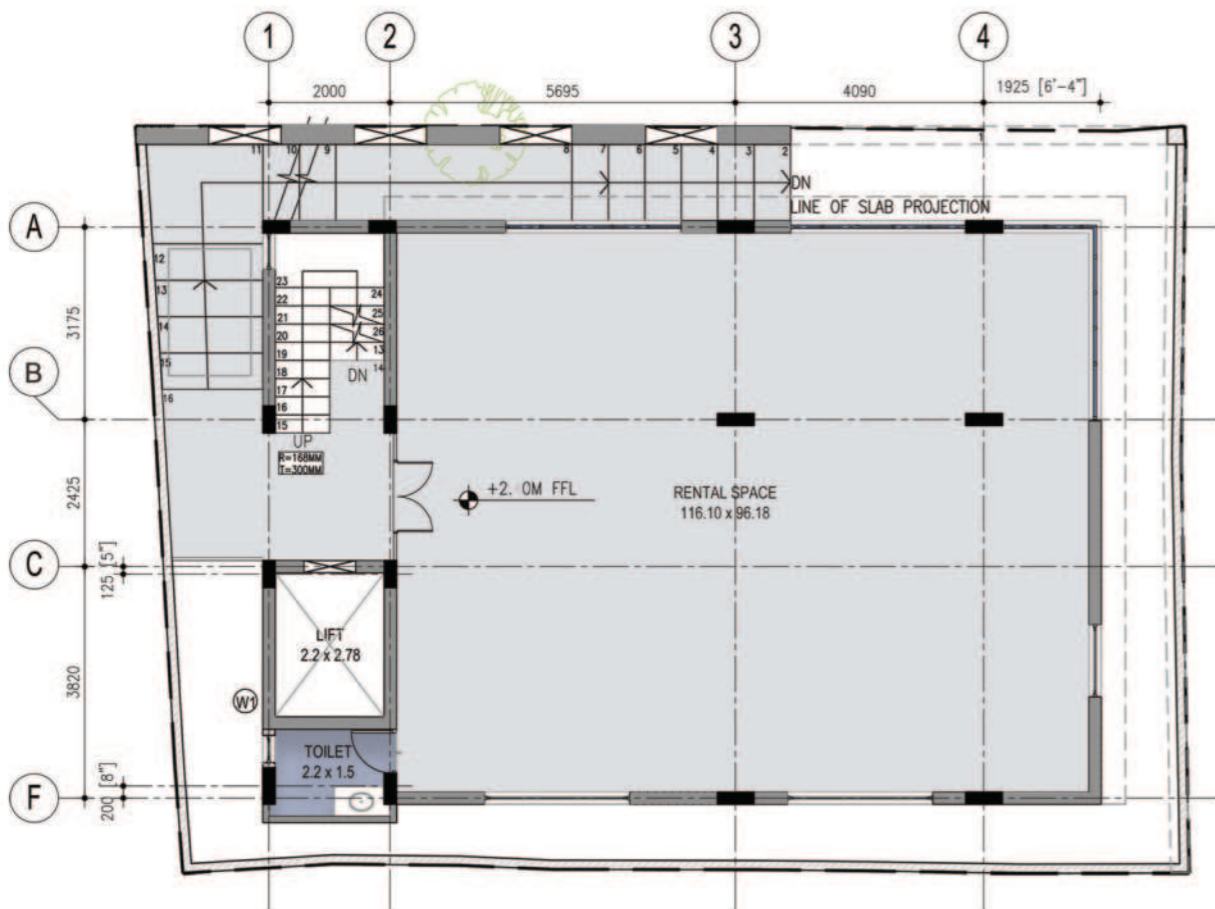
Architecture Portfolio



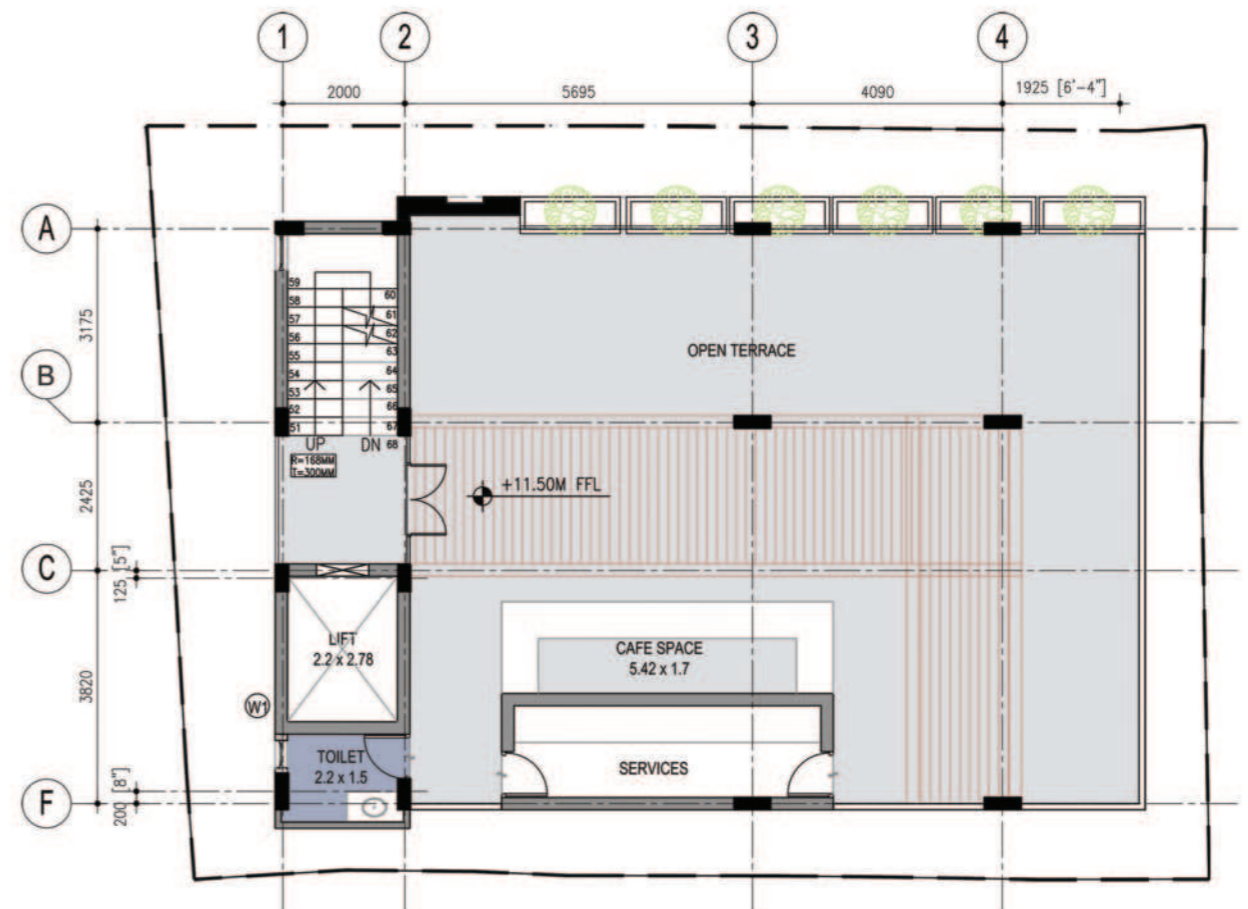
Stilt Floor



Typical Floor



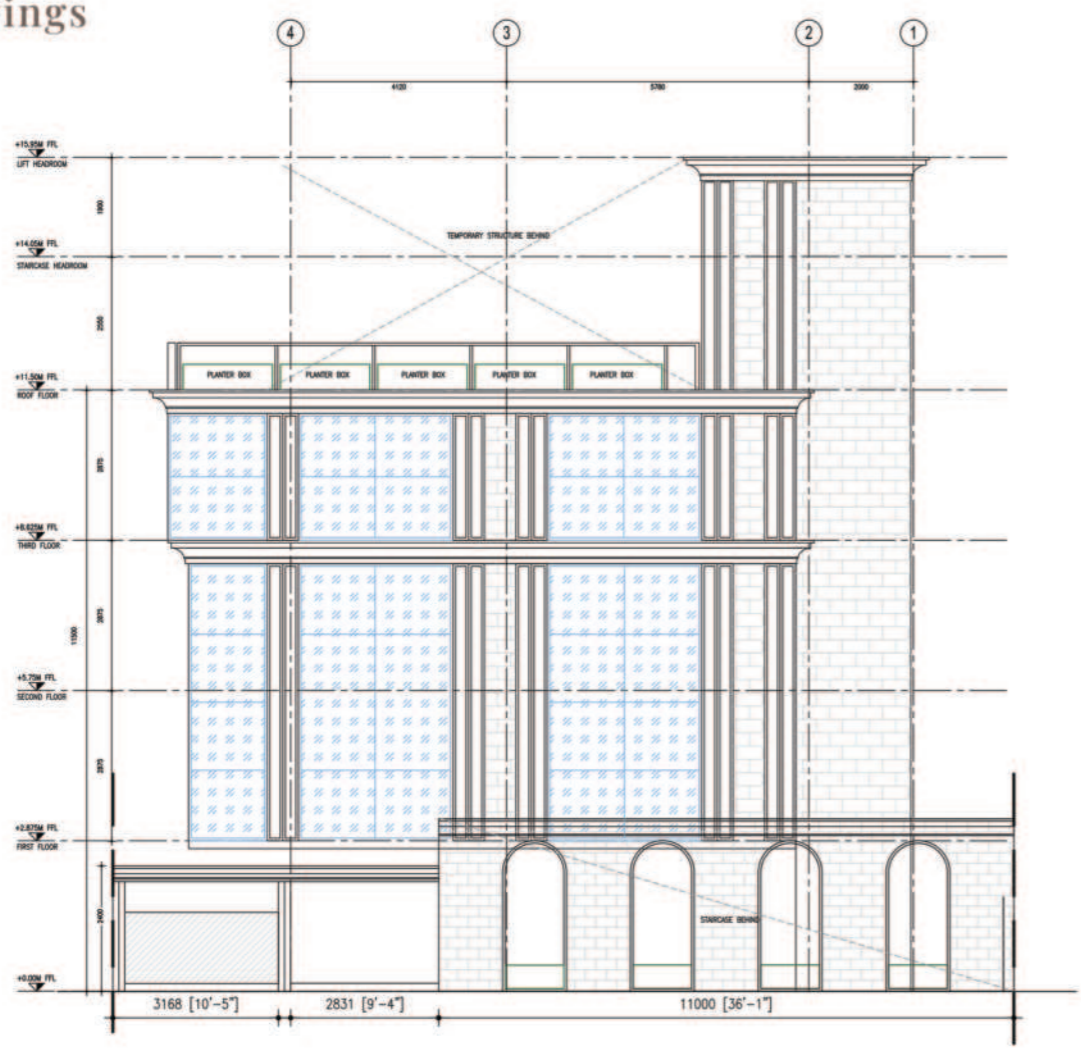
Ground Floor



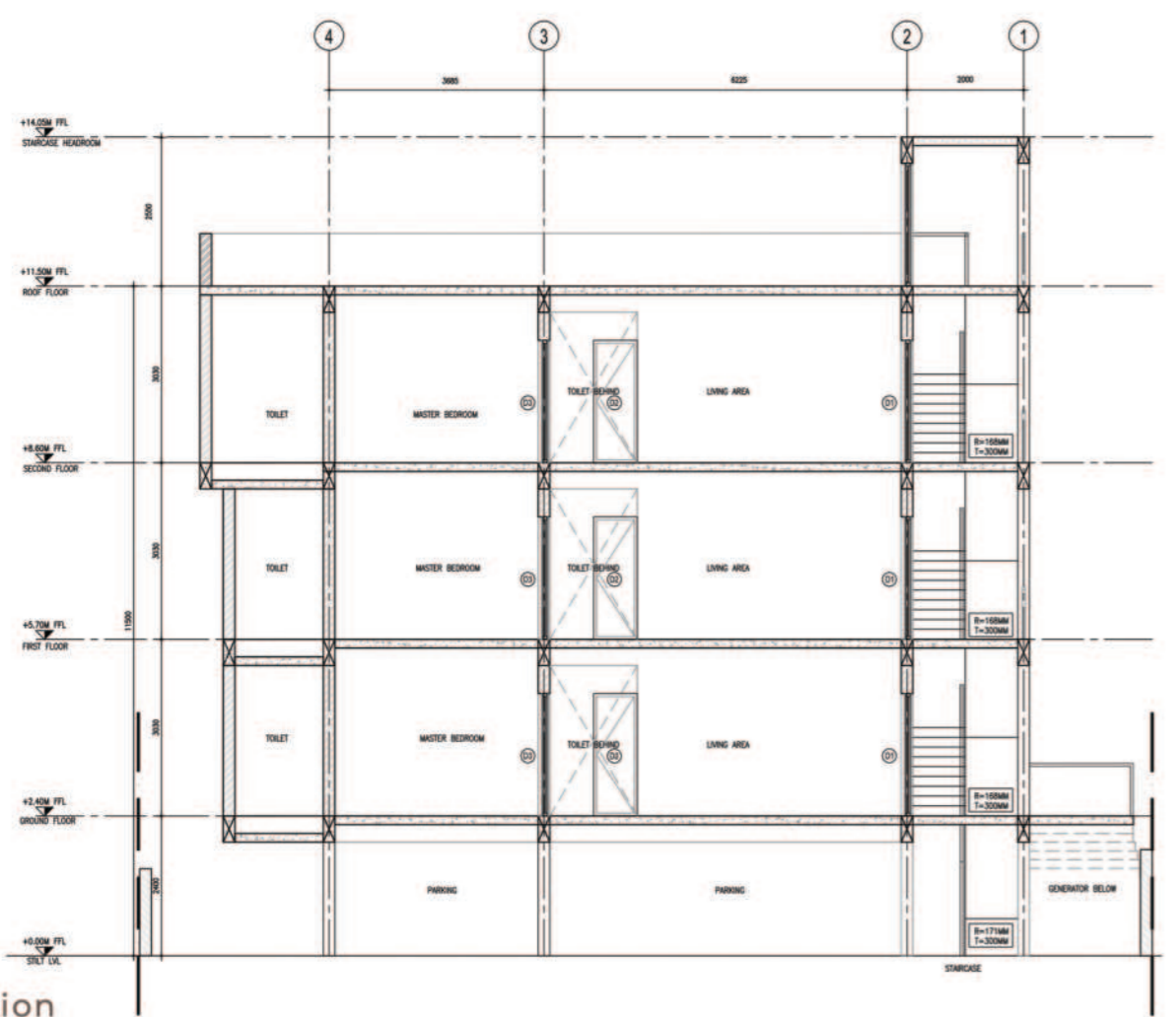
Terrace Floor

2024

GFC Drawings



Elevation



Section

3D Views



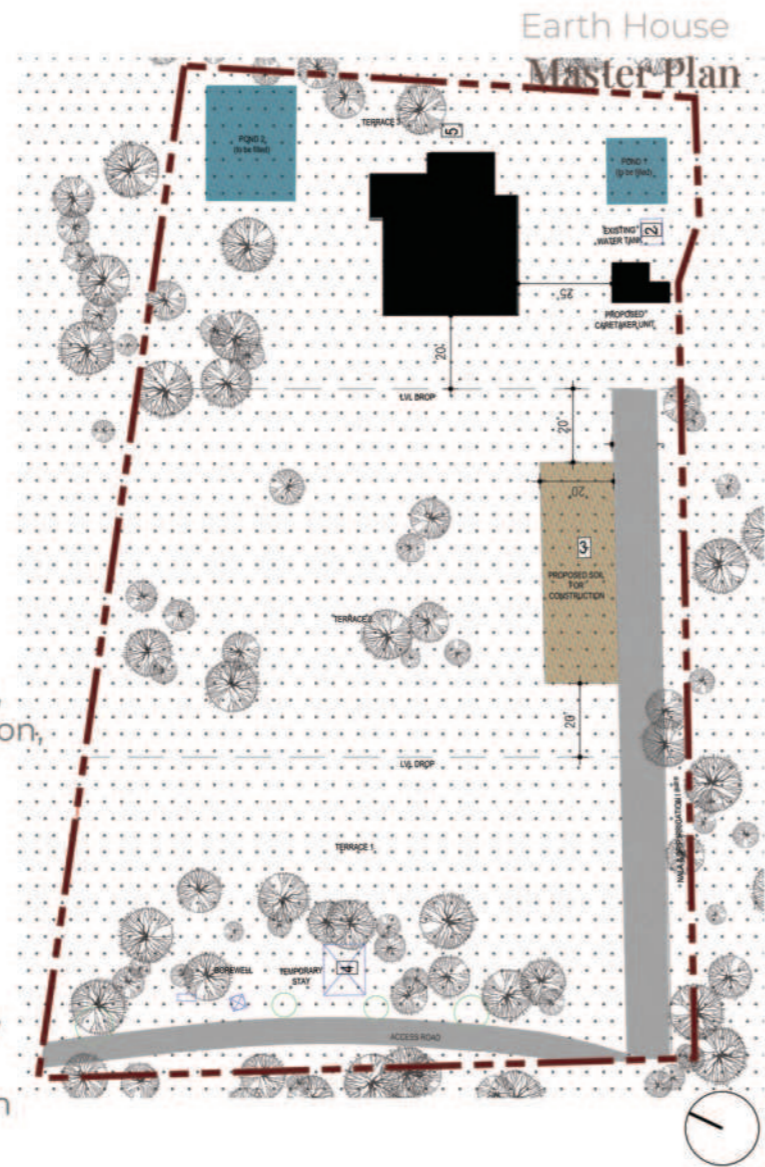
Rest House Crescent

07 Earth House

Location
 Madagondapalli, TN
Year of completion
 2023
Project size
 1200 Sqft Farmhouse

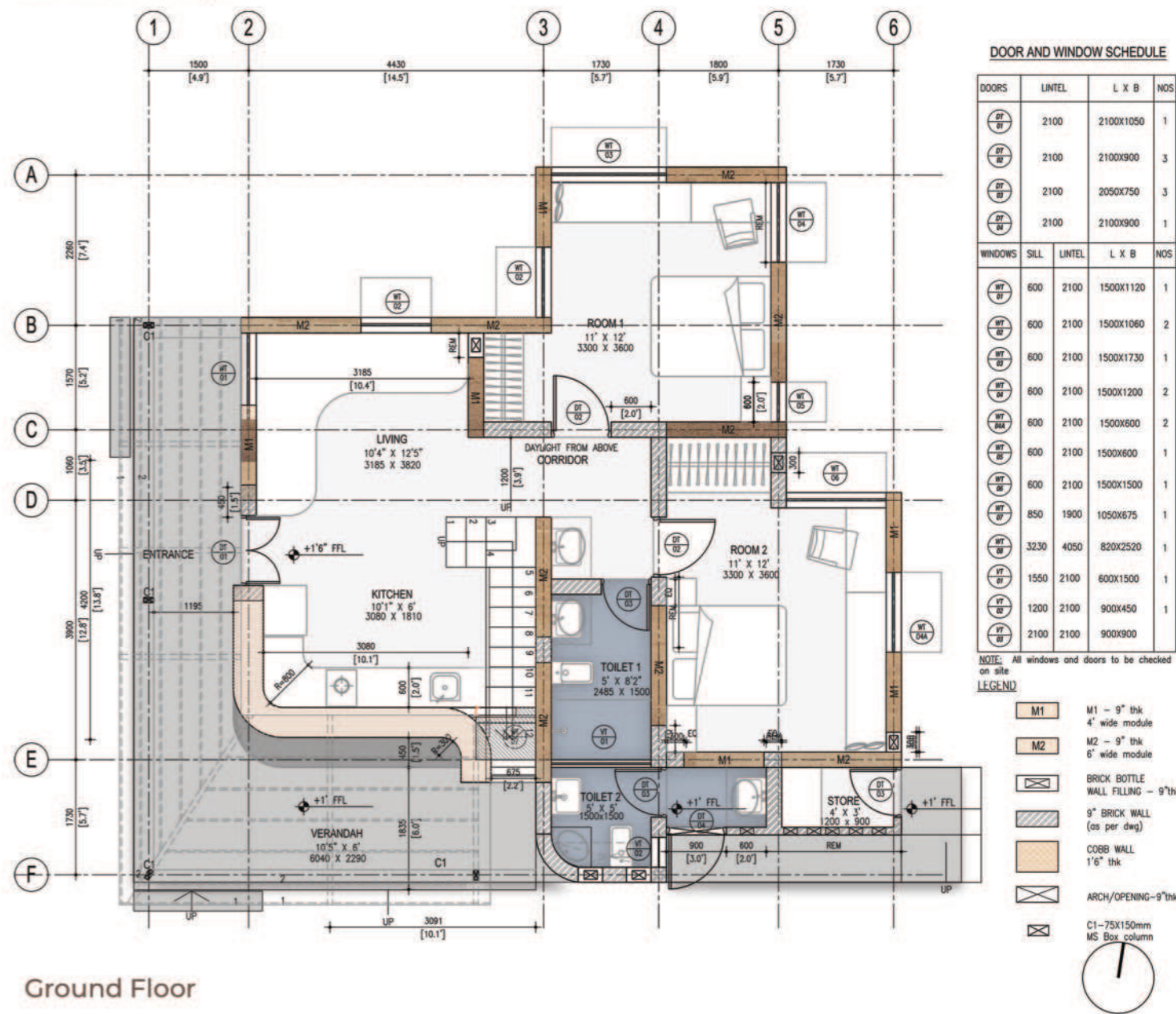
Team
 Ar. Sharanya Iyer, Ar. Prerana NT,
 Ar. Nitin Bopanna
Client
 Mr. Shashi, Mrs. Shalini, Mr. Ganesh &
 Mrs. Kalyan
Responsibility
 Updation GFC Drawings, Electrical Layout,
 3D Views, Site Co-ordination & Site Execution,
 Estimation, Design selections.

A haven for a family, this two-bedroom dwelling embraces a thoughtful layout across its ground floor, loft, and terrace. From its spatial arrangement to the chosen materials and stylistic essence, every facet of this abode converges to evoke an immersive communion with nature. Abundant apertures, a sweeping verandah, and a strategically designed loft orchestrate a symphony of natural light and airflow, fostering an airy ambience that amplifies the sense of expansive living.



Elevating the essence of sustainability, this residence embodies a testament to harmonious construction with the environment. It embodies an exemplary fusion of earth's elements—Cobb, Rammed earth, and earth plaster—artfully employed based on functionality and orientation. Through this ingenious use of natural materials, the dwelling seamlessly integrates with the landscape, culminating in an architectural ode to living in resonance with nature's rhythms.

GFC Drawings



DOOR AND WINDOW SCHEDULE

DOORS	LINTEL	L X B	NOS	
WT 01	2100	2100X1050	1	
WT 02	2100	2100X900	3	
WT 03	2100	2050X750	3	
WT 04	2100	2100X900	1	
WINDOWS	SILL	LINTEL	L X B	NOS
WT 05	600	2100	1500X1120	1
WT 06	600	2100	1500X1060	2
WT 07	600	2100	1500X1730	1
WT 08	600	2100	1500X1200	2
WT 09	600	2100	1500X800	2
WT 10	600	2100	1500X600	1
WT 11	600	2100	1500X1500	1
WT 12	850	1900	1050X675	1
WT 13	3230	4050	820X2520	1
WT 14	1550	2100	600X1500	1
WT 15	1200	2100	900X450	1
WT 16	2100	2100	900X900	1

NOTE: All windows and doors to be checked on site

LEGEND

- M1 - 9" thk 4' wide module
- M2 - 9" thk 6' wide module
- BRICK BOTTLE WALL FILLING - 9" thk
- 9" BRICK WALL (as per dwg)
- COBB WALL 1'6" thk
- ARCH/OPENING-9" thk
- C1-75X150mm MS Box column

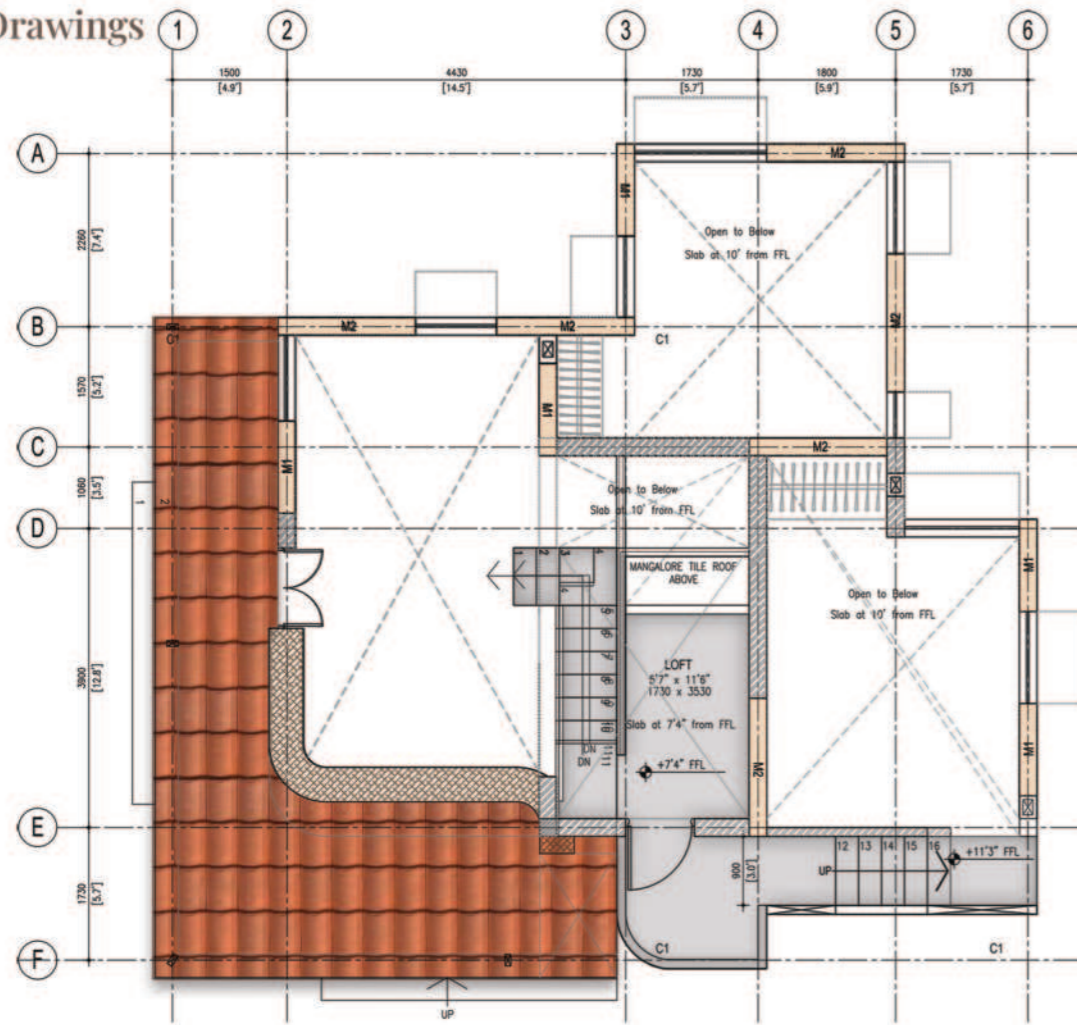


Ground Floor

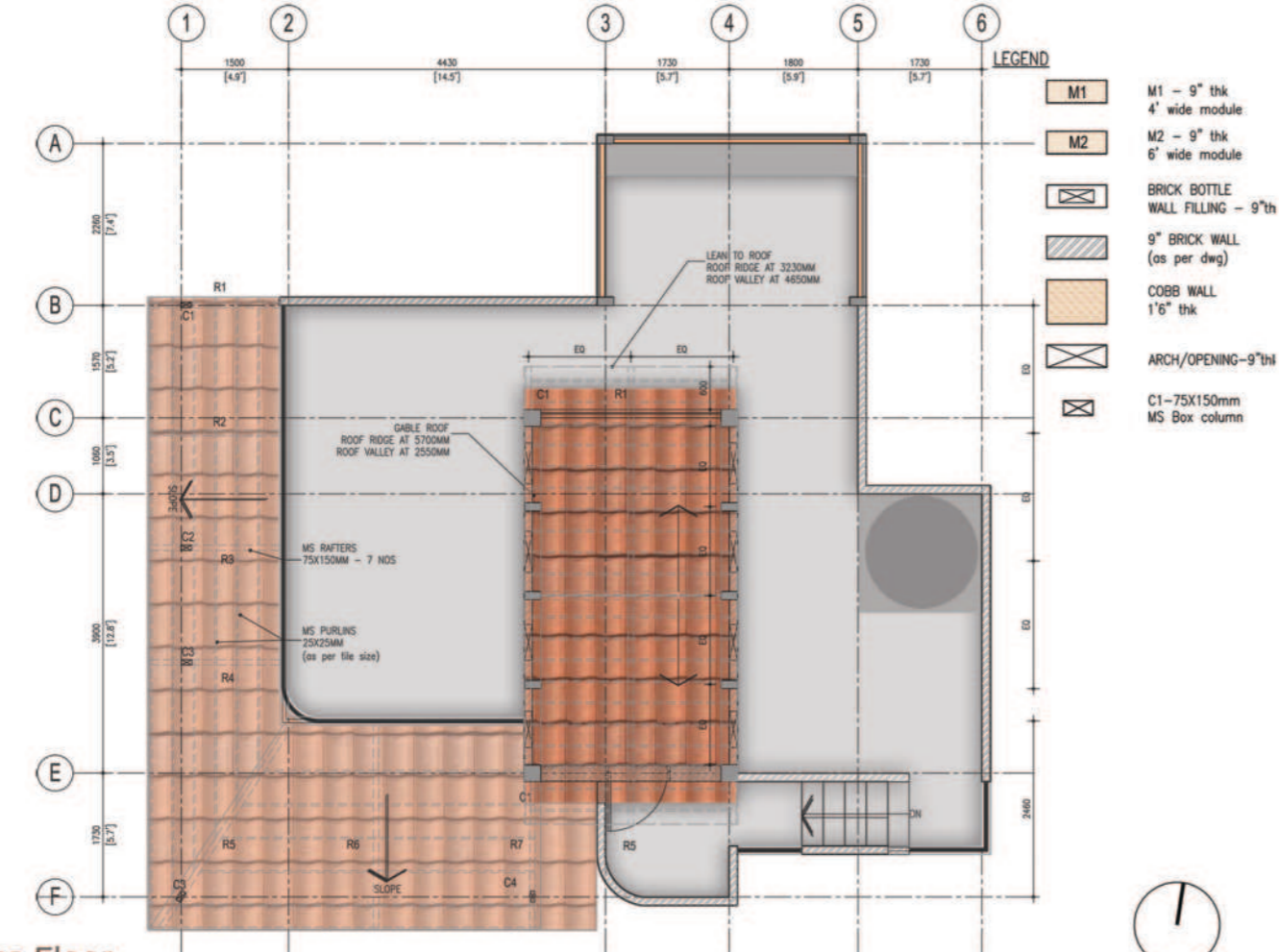
The house's standout feature is its multifunctional loft, flooding the core with natural light through recycled bottle walls, casting captivating shadows. This loft serves as both a terrace and additional living space, complemented by sculptural cobb walls acting as a Trombe wall for heat regulation. Strategically shaded by the verandah, it minimizes heat while integrating materials like mud blocks, Mangalore tiles, and glass bottle walls into the roof design. This innovative fusion enhances the dwelling's aesthetic appeal.

Pairing modern amenities with locally sourced materials, including contemporary toilets, the house harmonizes sustainability and comfort. Its eco-conscious approach embraces earth-rooted principles, showcasing a blend of natural elements and forward-thinking building practices.

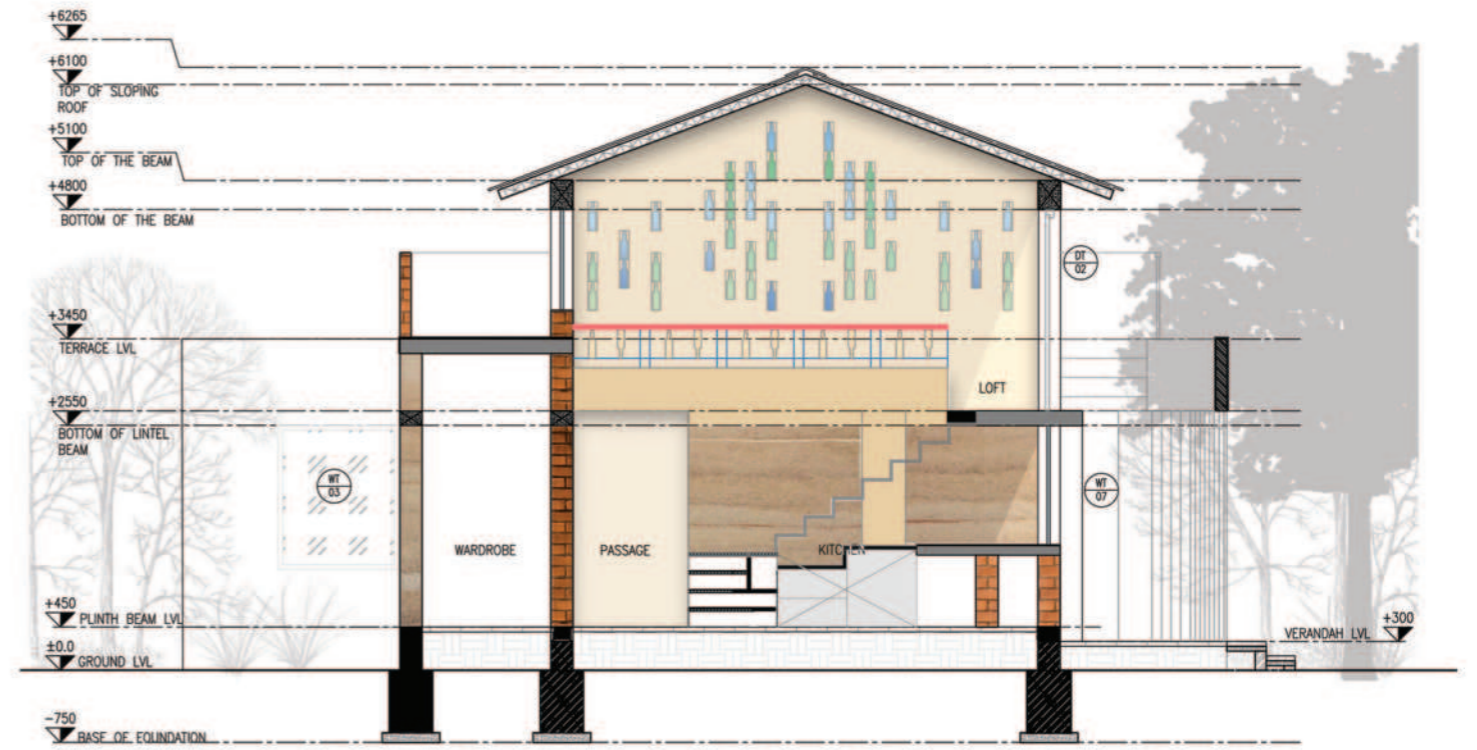
GFC Drawings



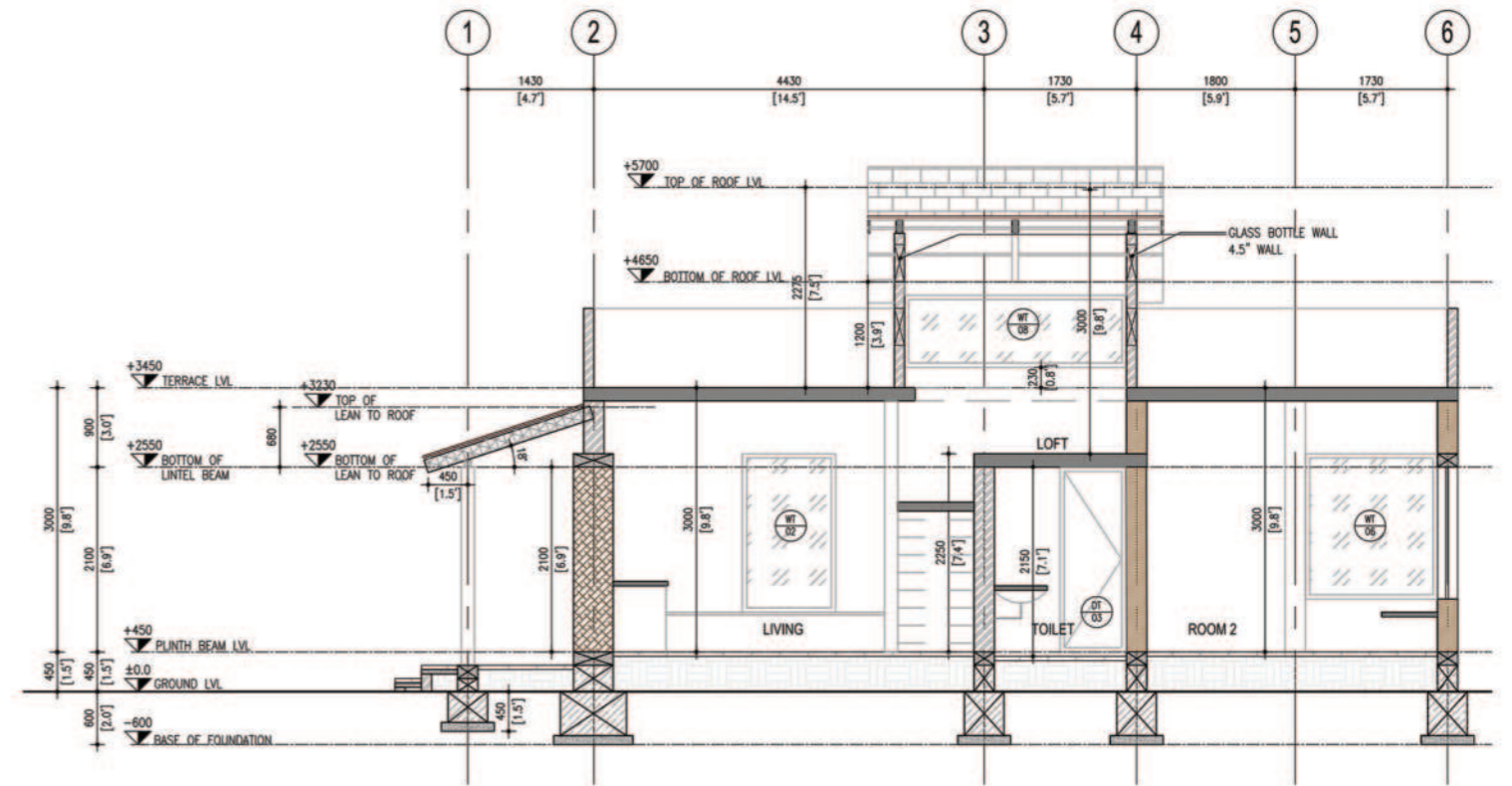
Loft Floor



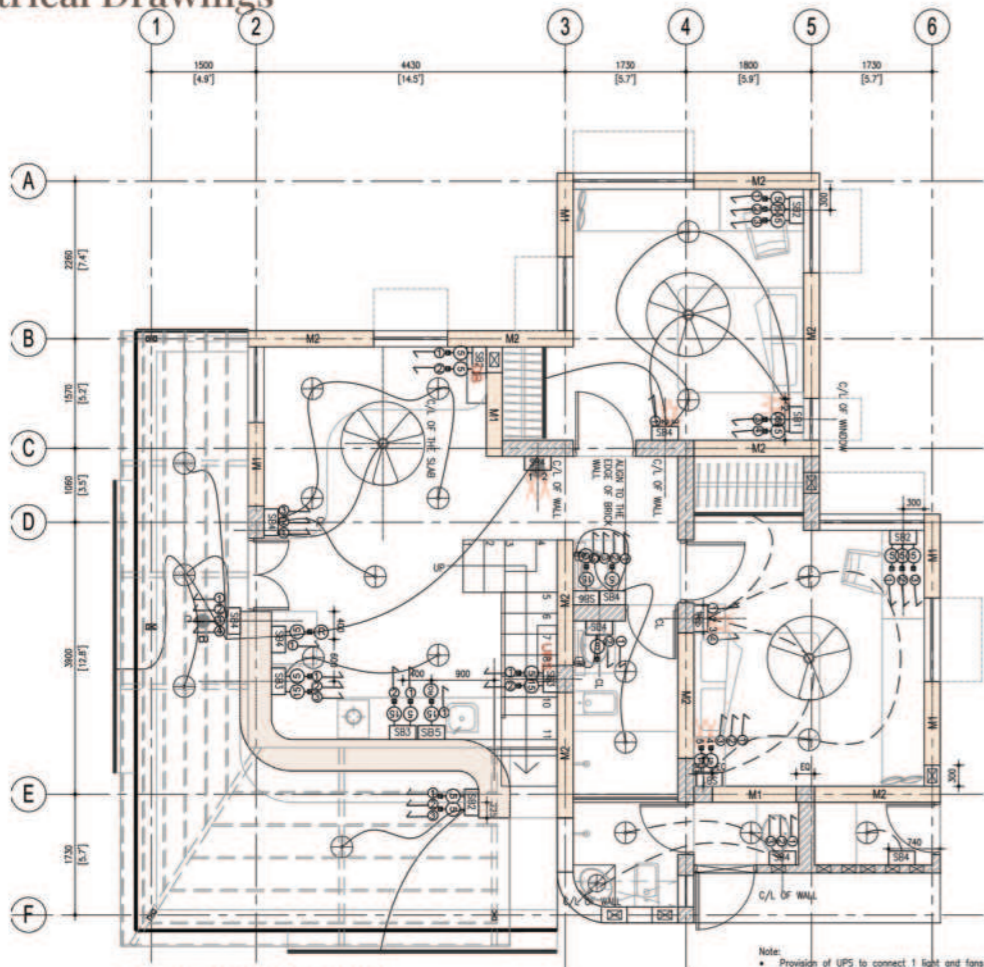
Terrace Floor



1 SECTION AA
SCALE 1:50



2 SECTION BB
SCALE 1:50



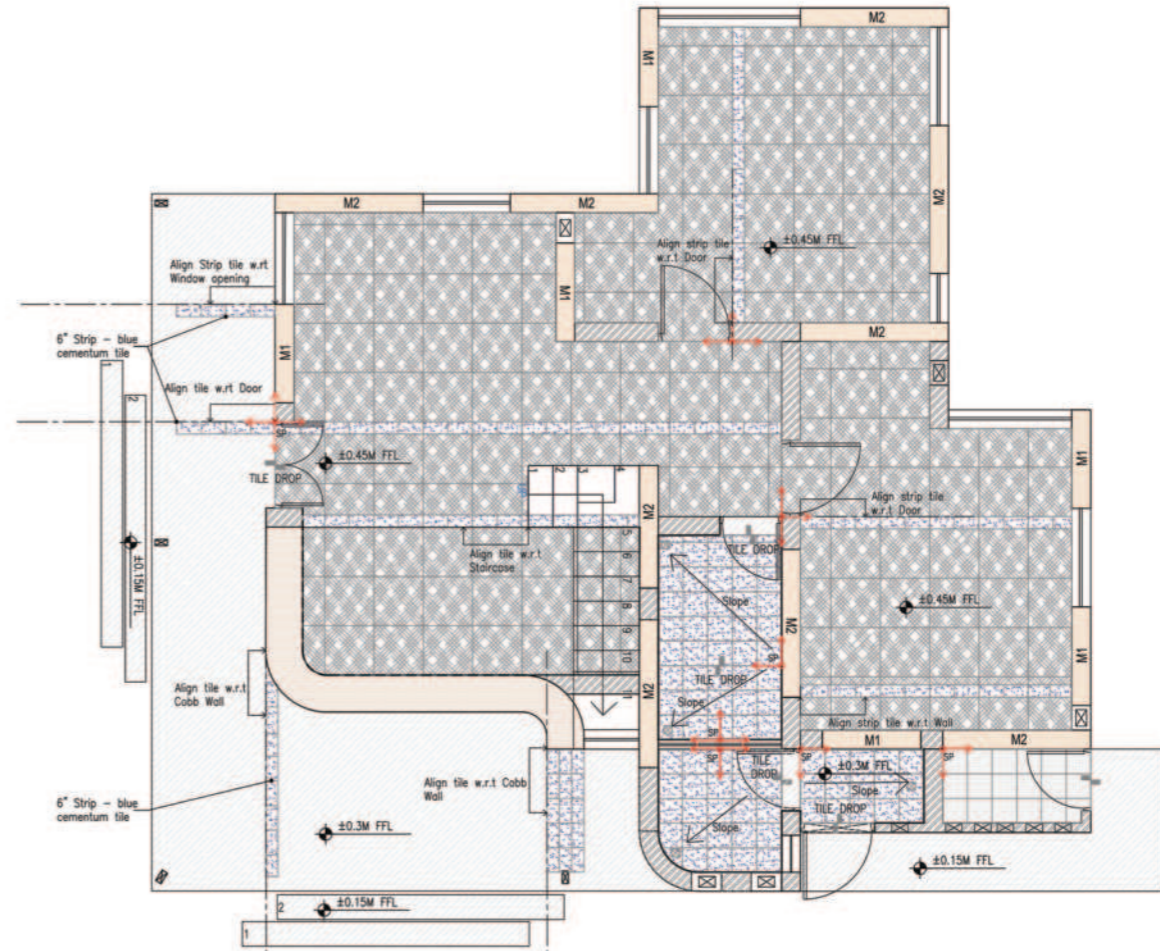
1 GROUND FLOOR
SCALE 1:50

1. SWITCH BOARDS		HEIGHT FROM FFL
SB1	600MM	
SB2	750MM	
SB3	900MM	
SB4	1200MM	
SB5	1800MM	
SB6	2100MM	
SB7	2700MM	

2. SOCKETS	
5 AMP	
15 AMP	
WATER PURIFIER	
TV POINT	
REFRIGERATOR POINT	
GEYSER POINT	
WiFi/INTERNET	
DOOR BELL	
BUZZER	
USB PORT	
TWO WAY SWITCH	
GEYSER SWITCH	

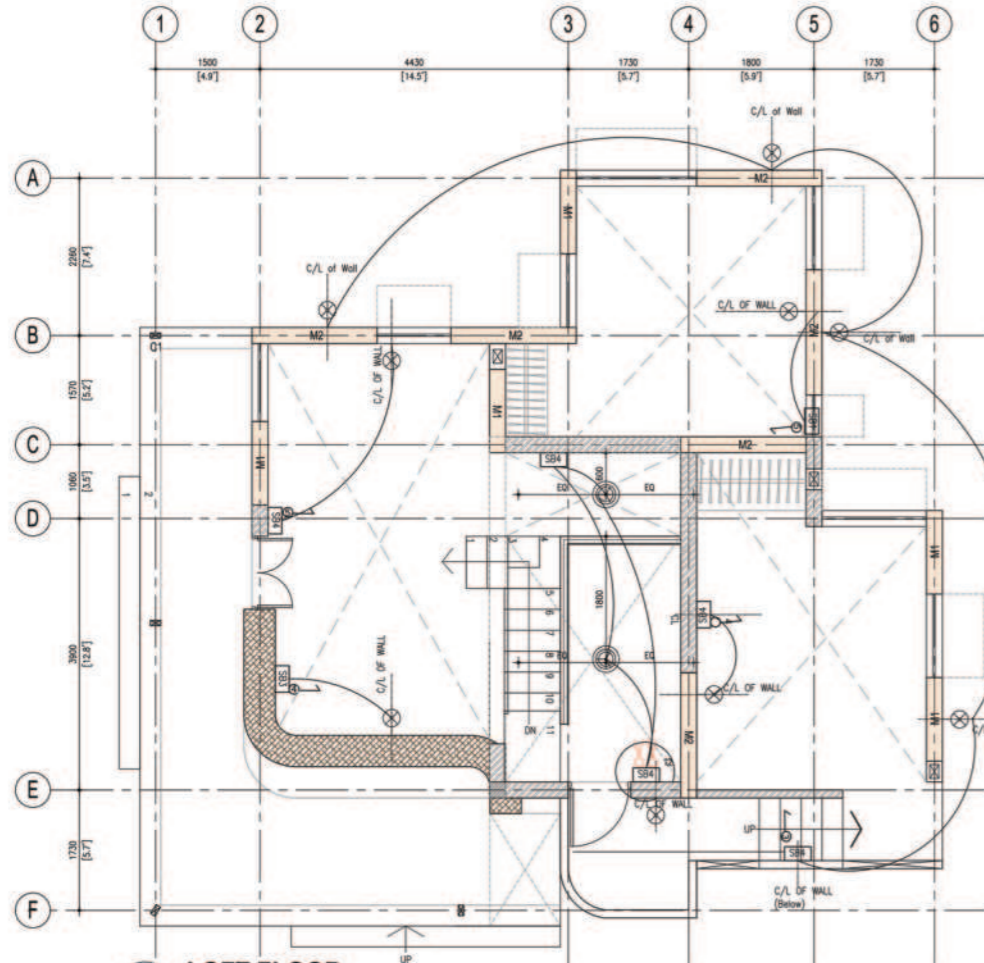
3. ELECTRICAL FITTINGS	
CEILING FAN	
WALL LIGHT - Ø2500MM	
CEILING POINT	
LED STRIP LIGHT ON FLOOR/STEPS	
WIRING	
HANGING LIGHTS	
BOLLARD LIGHT	
FOCUS LIGHT	
DISTRIBUTION BOX	

Note:
 • Provision of UPS to connect 1 light and fans in living, kitchen & bedrooms
 • All Conduits/Chasing to run within the Brickwork & Cob Walls Only



Pattern	Flooring Selected tiles
[Pattern]	Ankara tiles - 2'x2'
[Pattern]	Galaxy Creama - 1'x1'
[Pattern]	Cementum blue 1'x1'
[Pattern]	Sadarahalli Stone

1 GROUND FLOOR - FLOORING
SCALE 1:50

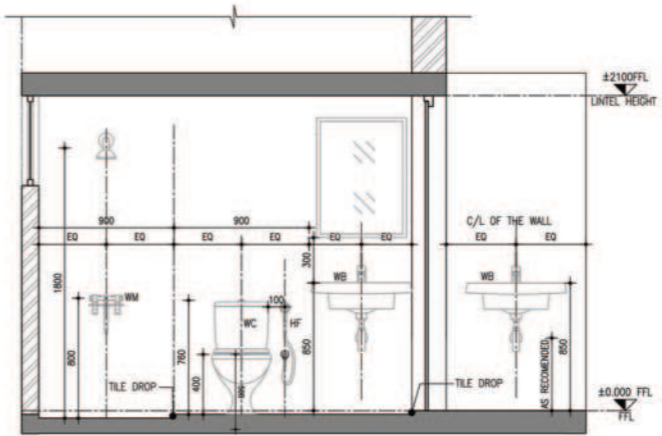


2 LOFT FLOOR
SCALE 1:50

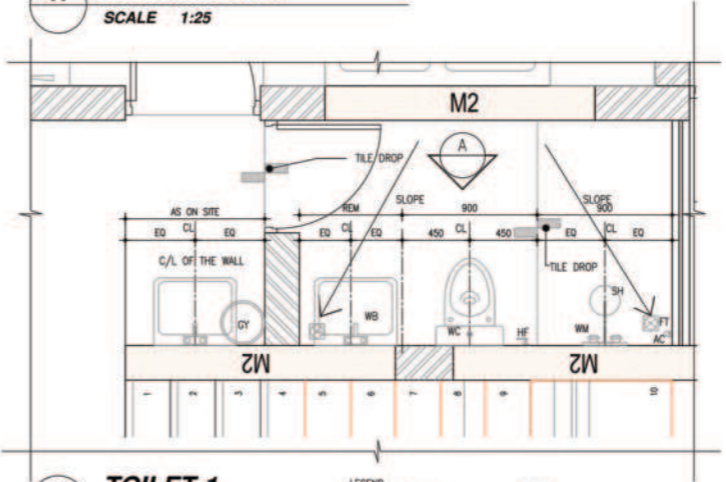
1. SWITCH BOARDS		HEIGHT FROM FFL
SB1	600MM	
SB2	750MM	
SB3	900MM	
SB4	1200MM	
SB5	1800MM	
SB6	2100MM	
SB7	2700MM	

2. SOCKETS	
5 AMP	
15 AMP	
WATER PURIFIER	
TV POINT	
REFRIGERATOR POINT	
GEYSER POINT	
WiFi/INTERNET	
DOOR BELL	
BUZZER	
USB PORT	
TWO WAY SWITCH	
GEYSER SWITCH	

3. ELECTRICAL FITTINGS	
CEILING FAN	
WALL LIGHT - Ø2500MM	
CEILING POINT	
LED STRIP LIGHT ON FLOOR/STEPS	
WIRING	
HANGING LIGHTS	
BOLLARD LIGHT	
FOCUS LIGHT	
DISTRIBUTION BOX	



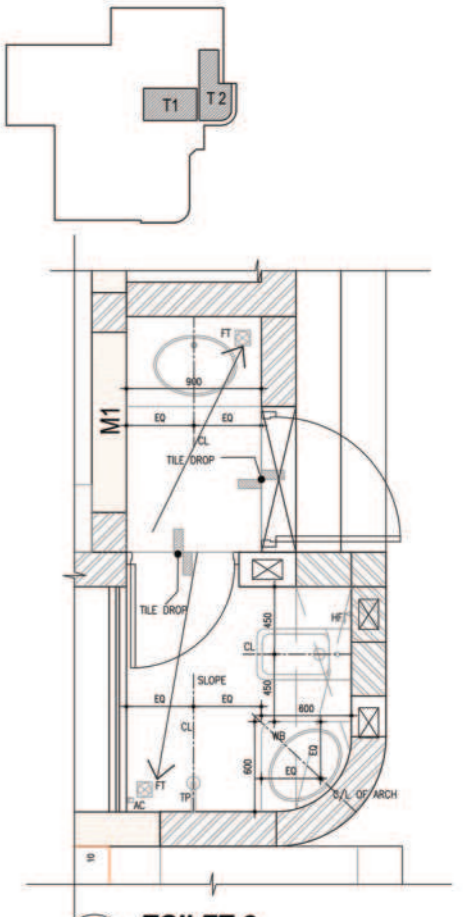
A ELEVATION A
SCALE 1:25



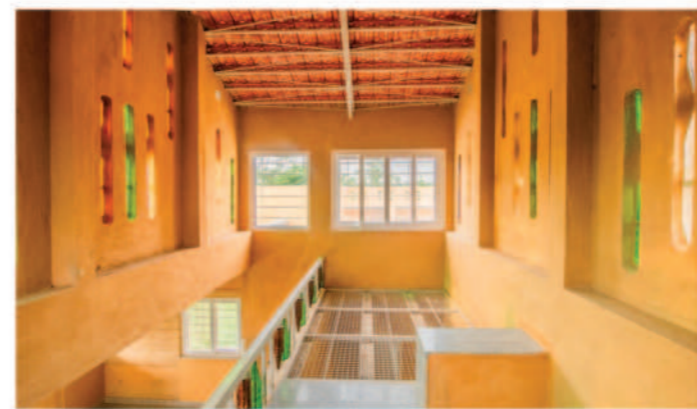
1 TOILET-1
SCALE 1:25

LEGEND
 WB - WASH BASIN
 WC - WATER CLOSET
 HF - HEALTH FAUCET
 WM - WALL MIXER
 SH - SHOWER
 FT - FLOOR TRAP
 AC - ANGLE VALVE

MODEL
 PARRYWARE - WC C0252
 FLUSH TANK - EB348



2 TOILET-2
SCALE 1:25

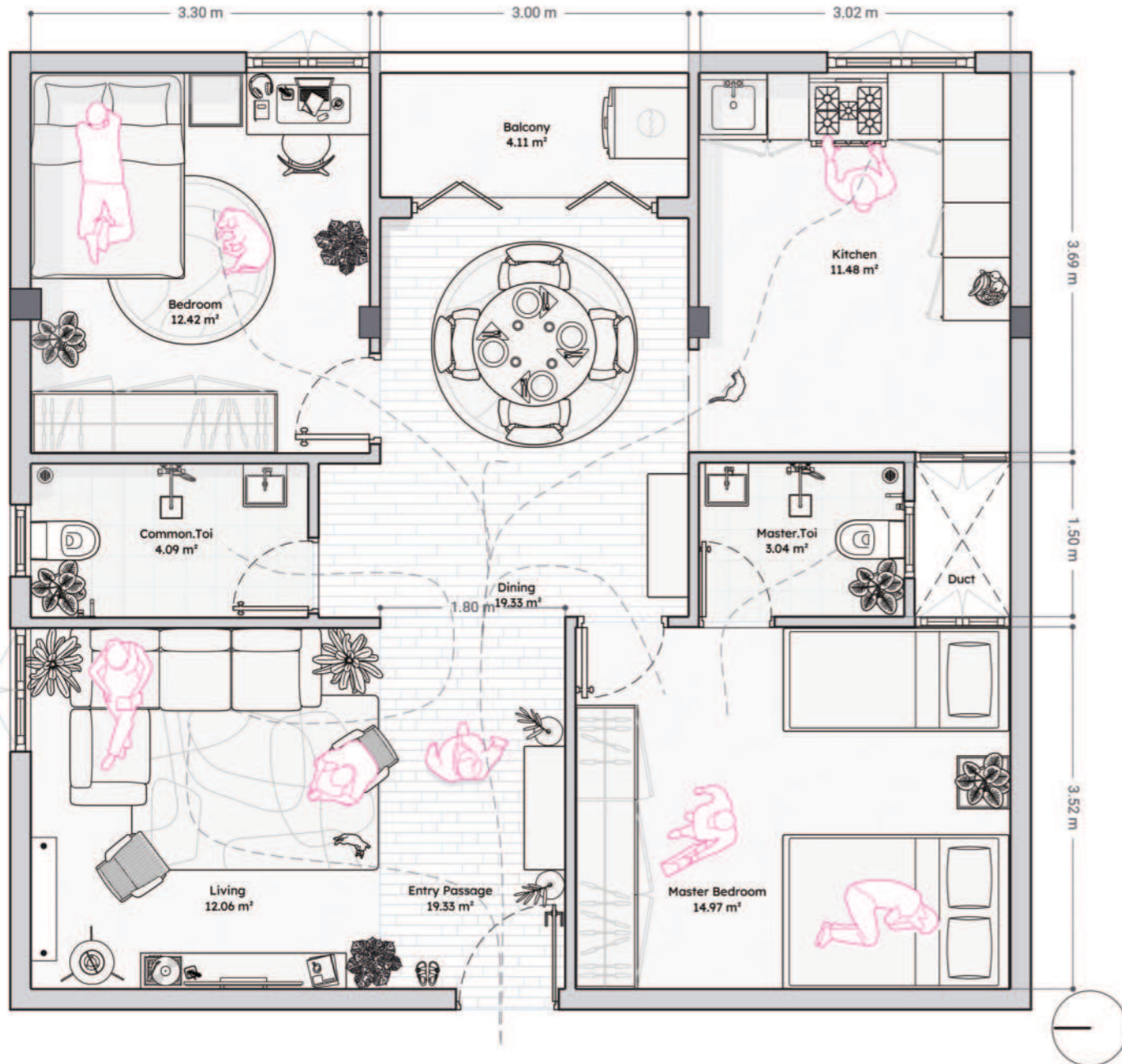


08 Earthen Serenity: A MidCentury-Contemporary Retreat

Location
Bangalore,KA
Year of completion
Ongoing
Project size
1200 Sqft Flat
Team
Ar. Nitin Bopanna
Client
Mr. Rudrappa, Mrs. Nirmala,
Responsibility
Japandi style of the house
w.r.t to budget

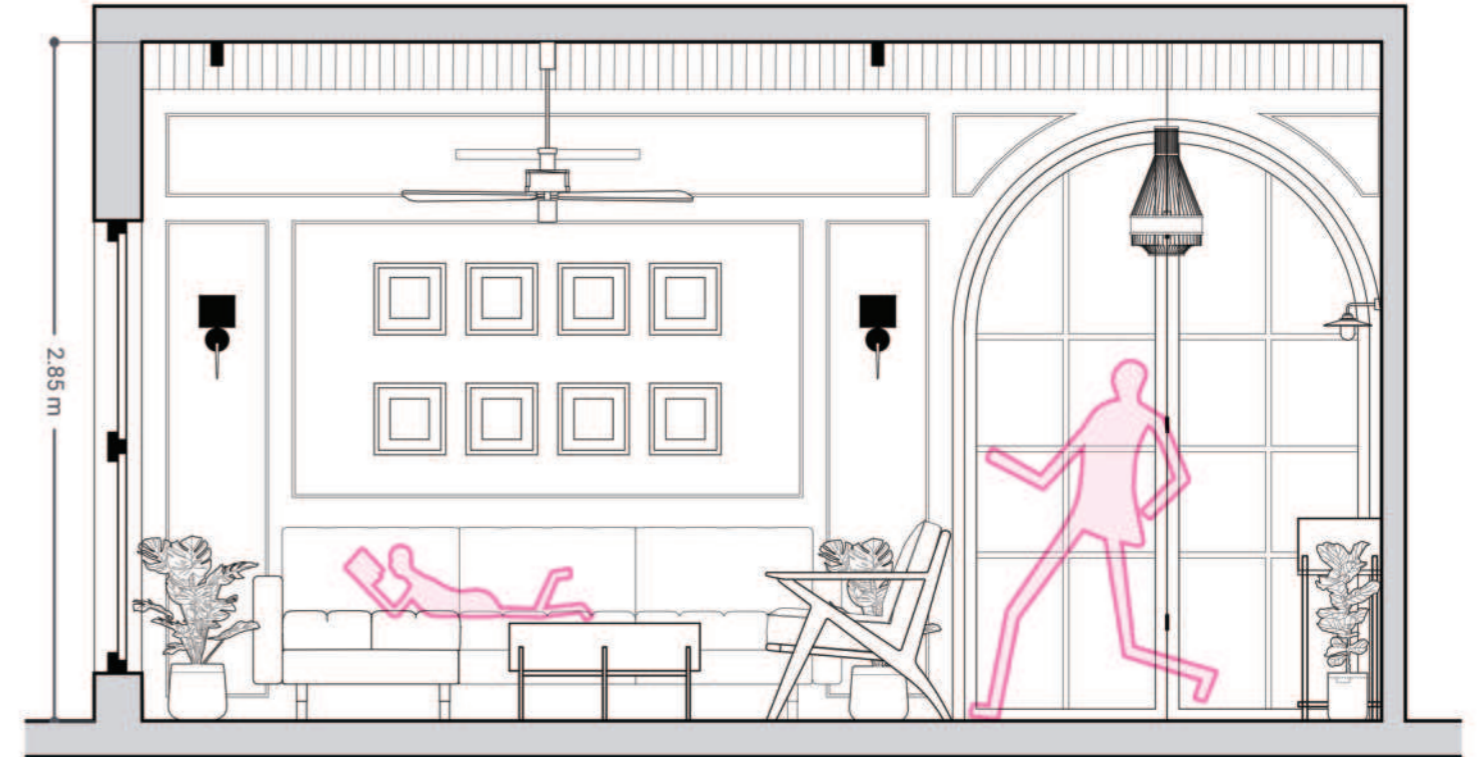


Architecture Portfolio



Concept and Design Theme:

Nishrudh residence embodies an ambiance of "Earthen Serenity: A Contemporary Retreat." The design seamlessly merges modern aesthetics with a tranquil, down-to-earth feel. Lime-washed walls, adorned in a creamy beige-white hue, for the backdrop, infusing the space with a soft, serene ambiance



Color Palette and Wall Finishes:

Lime-washed walls, meticulously coated in a soothing blend of beige and creamy white, define the foundational palette. This choice accentuates the contemporary space, enveloping it in a calming, earth-inspired tone that harmonizes with the overall theme. The choice of this finish lends depth and texture, enhancing the serene aura of the residence



2024

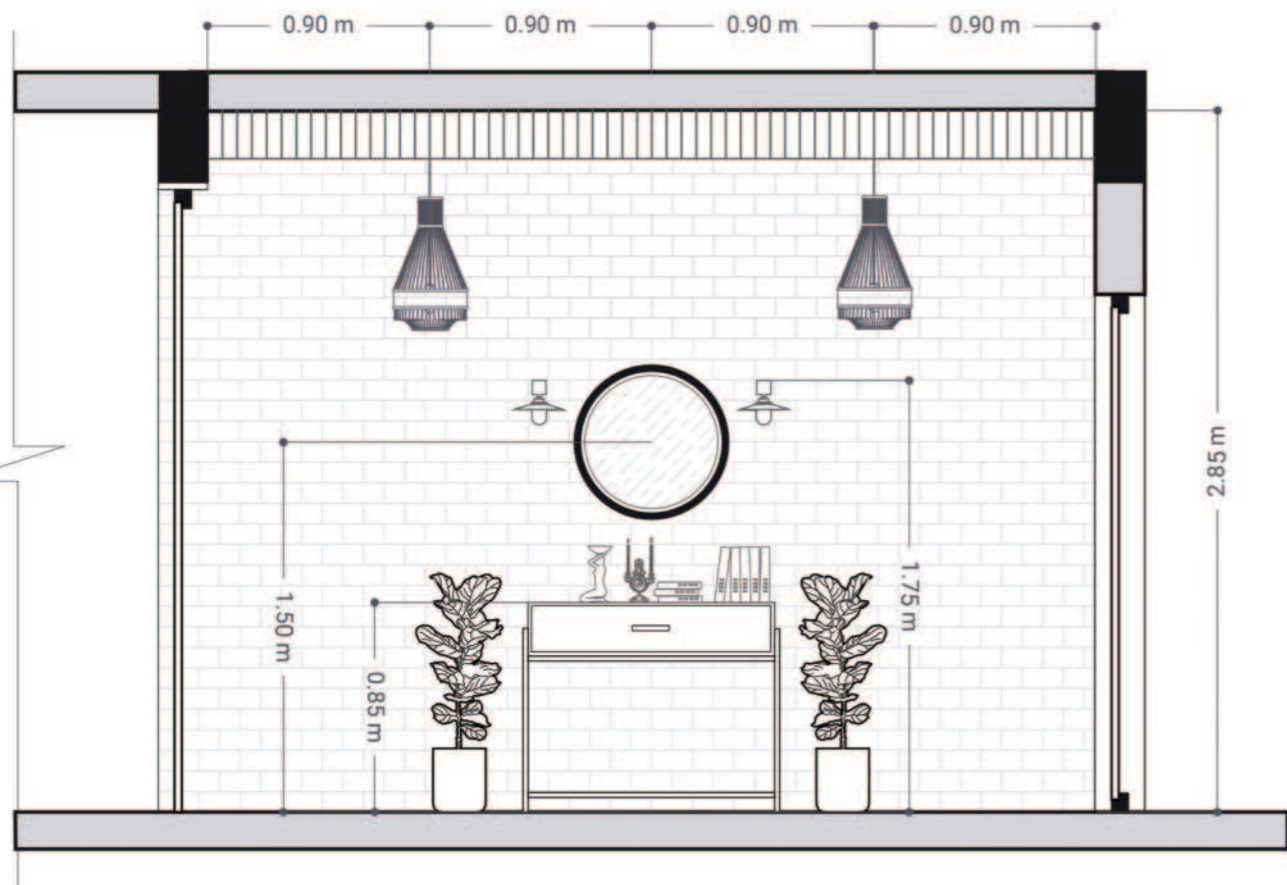
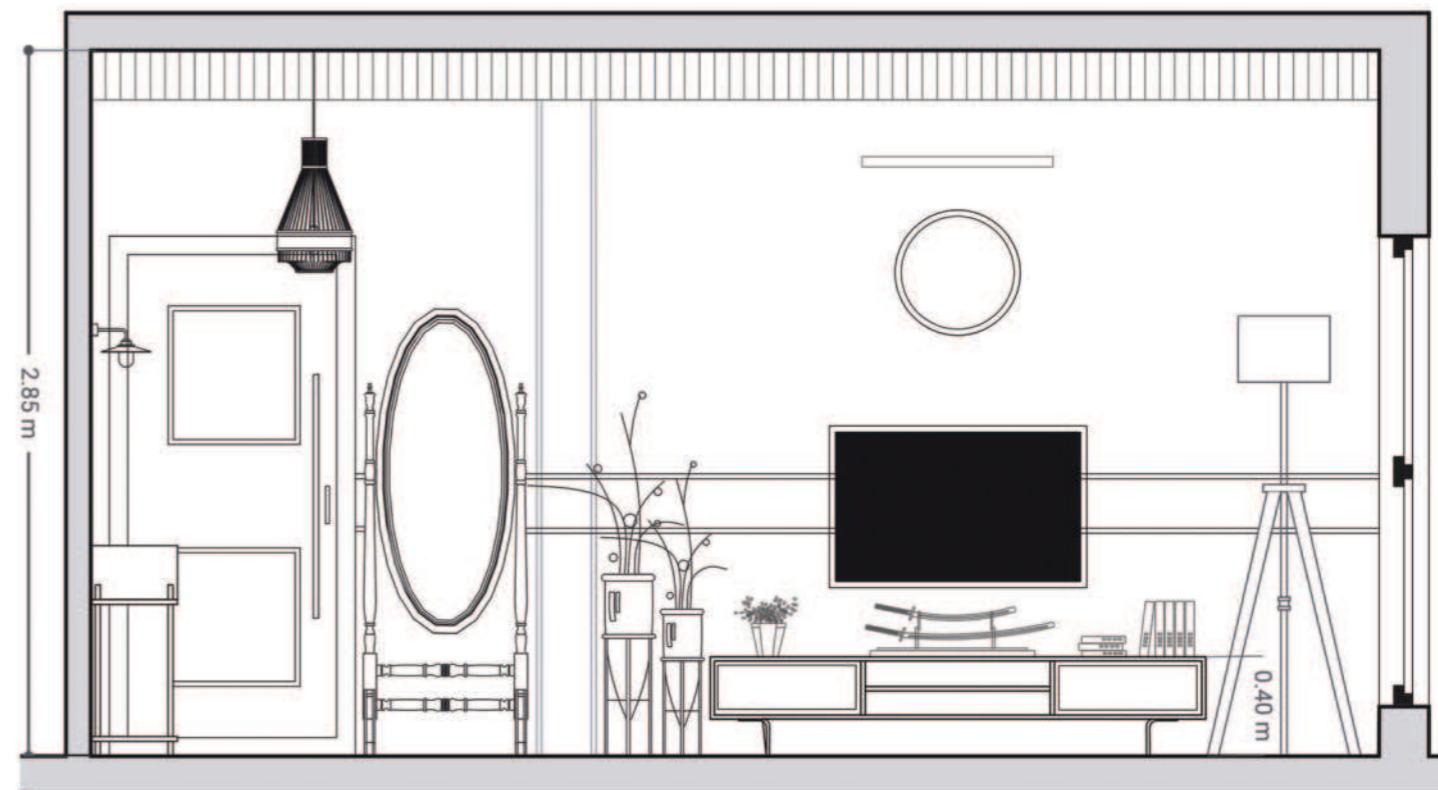


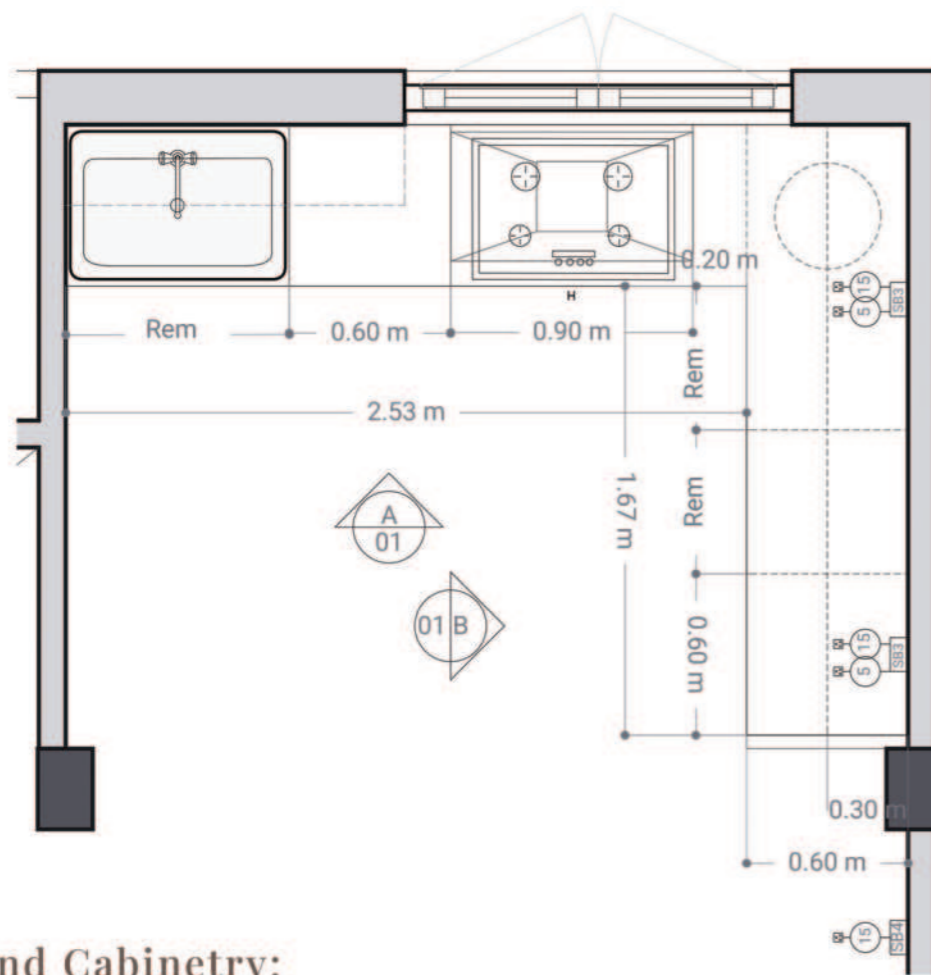
Lighting Scheme:

Contemporary globe light fixtures, emitting a gentle warmth within the 2700K-3500K range, are strategically placed throughout the residence. These fixtures serve as beacons of comfort, casting a soft, inviting glow across the lime-washed walls. Positioned at optimal heights, they accentuate the earthy tones while adding a modern touch to the serene retreat.

Flooring, Furnishings, and Art:

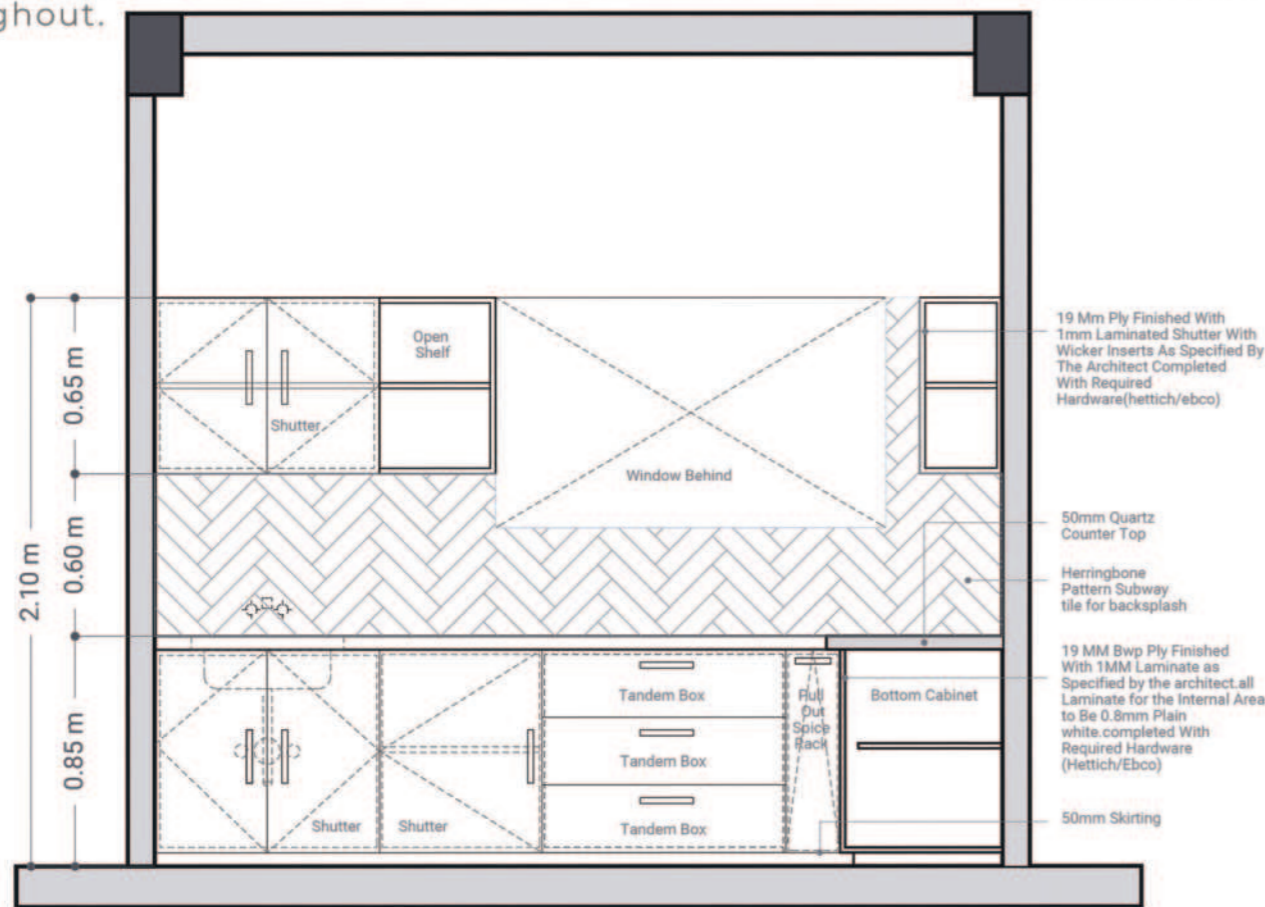
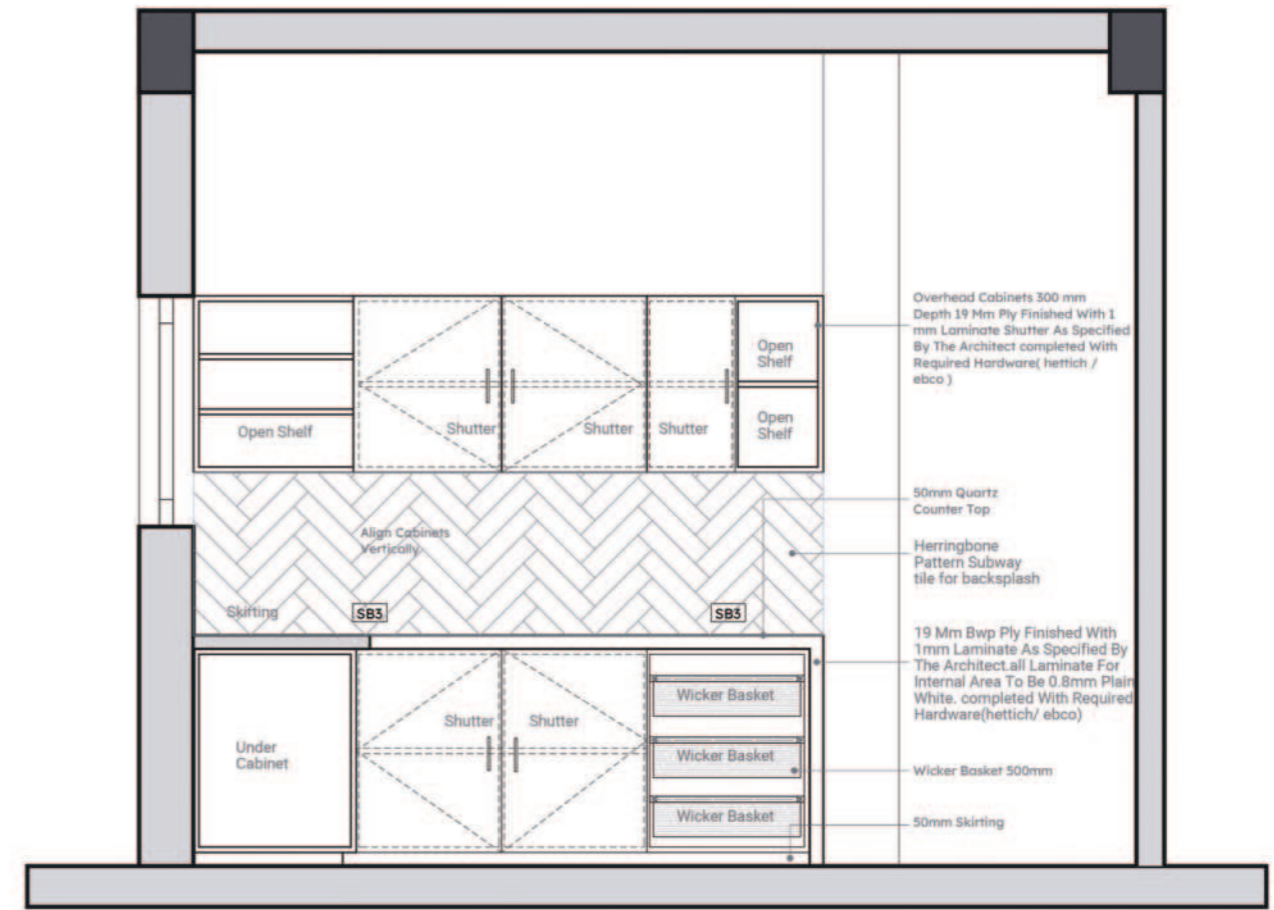
Terracotta tiles, Pattern tiles reminiscent of Moroccan patterns but in soft, muted tones, grace the floors, complementing the lime-washed walls and creating a harmonious foundation. oak veneer wardrobes with wicker inserts seamlessly blend with the earthy theme. Contemporary artworks, including pieces featuring Frida Kahlo, adorn the walls, adding cultural depth to the modern design.





Kitchen and Cabinetry:

The kitchen boasts laminated shutters in a captivating cobalt blue color, offering a striking contrast against the neutral backdrop of the residence. Lower cabinets, crafted from teak finish laminated boards, contribute to the contemporary aesthetic while harmonizing with the earthy elements present throughout.



Overall Ambiance:

"Earthen Serenity: A Contemporary Retreat" at Nishrudh embodies a fusion of warm, earthy tones, modern design elements, and a serene ambiance. The lime-washed walls, paired with carefully curated lighting and a thoughtful blend of materials and colors, create an inviting and tranquil environment—a perfect sanctuary that seamlessly blends modern living with a comforting, natural allure.



Picture-perfect walls, meticulously lime-washed in a delicate blend of creamy beige and pristine white, envelop this retreat in a soothing embrace. This carefully chosen finish creates a canvas of tranquility, casting a gentle luminescence that dances across the spaces, infusing every corner with an air of serenity.

Thankyou



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