ARCHITECTURE PORTFOLIO

V Aakash
2018-23

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EDUCATION

BMS COLLEGE OF ARCHITECTURE
Bengaluru, Karnataka, India
2018-2023

SRI VIDYANIKETHAN INTERNATIONAL SCHOOL
Tirupathi, Andhra Pradesh

PROFESSIONAL EXPERIENCE

INTERNSHIP I Venkataramanan Associates
Bangalore

We Are Revamp I Co-Founder
Freelance space revamp I Ig @wearerevamp

COMPETITIONS

ANDC - Conducted by NASA INDIA
2020 - 2021

SWAGRAM - Conducted by IGBC
Special Mention
2021 - 2022

The Cafe Interiors - Conducted by Archdais
Top 30
2021

NANO HOUSE - Conducted by Volume Zero
2021

MYSORE PAVILION - Conducted by Archus
Special Mention
2022

LANGUAGES

ENGLISH HINDI KANNADA TELUGU

SKILLSET

2D PRODUCTION
Autocad 2D

3D PRODUCTION
Sketchup
Blender

PRESENTATION SOFTWARES
Adobe Photoshop
Adobe Illustrator
Adobe InDesign

RENDERING SOFTWARES
Twinmotion
Enscape
Lumion
Adobe Premiere Pro

VOLUNTEER

Youth Red Cross
Student Volunteer-2018-2021
Cognition
Student Volunteer- 2021-2022
Rotary Club
Social service - 2023-Present

INTERESTS

Video & Audio editing Travel

Cricket Films Social Activities

ABOUT ME

As an architecture student, I am captivated by the profound influence of architecture on society, recognizing it as a powerful tool for shaping our world and fostering connections. I am driven to create inclusive spaces that promote equity, enhance well-being, and foster a sense of belonging, with a deep belief in architecture's ability to address social challenges and inspire positive societal transformation. With a strong foundation in architectural design, technical proficiency, and a commitment to sustainability, I am eager to collaborate with like-minded professionals to shape a more sustainable, inclusive, and inspiring built environment.

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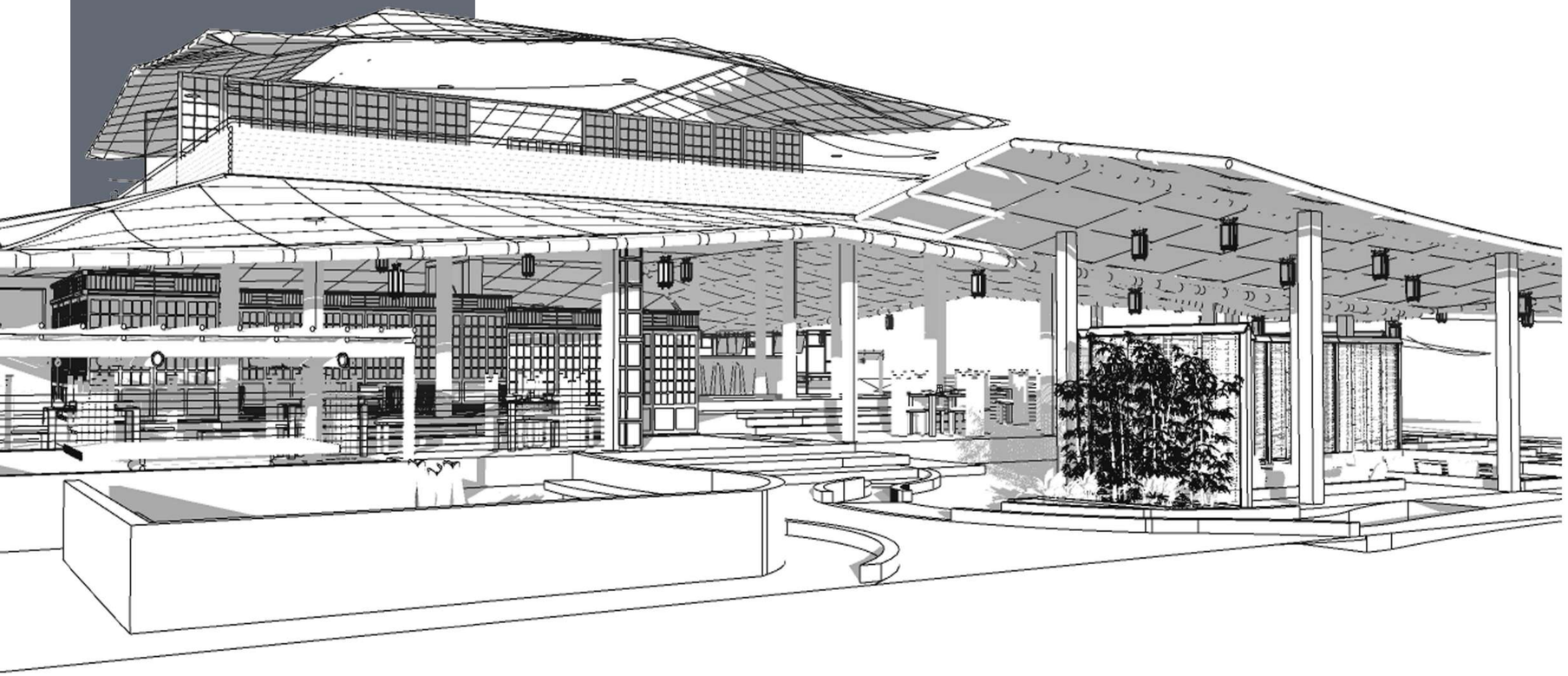
Working Drawing
5th, 6th semester



Kissaten

Top 30 | By Archdais
Cafe design
Bali, Indonesia
2021-2022

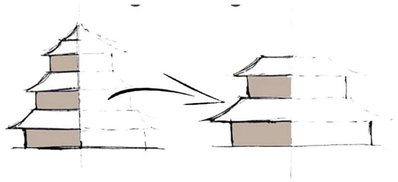
A café is not just a collection of tables, seating, colours and light, but it follows a story of its place; a theme which engages and immerses the visitors in a unique experience. It can have the power to transport you to a quaint city in Italy or a small village in Japan. Designs can evoke a keen sense of a story in design, where every material, element, texture and furniture falls into its right place.

The focus of this design lies in creating an engaging and vibrant social experience within the café environment. Designers were encouraged to explore their own interpretations of what a café could be, pushing the boundaries of conventional design norms.

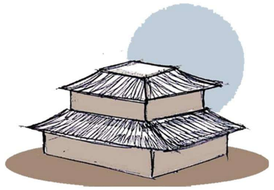
The concept for the cafe involves looking vernacular design style of Bali through modern lens. The project proposes to use the lifestlye of the local population replicate in the cafe, offering multiple functional possibilities. The low rise structure emphasizes on the Symbiotic relation with the surrounding terrain.The upper floor offers an exotic view of the sea.

Inspired from the HEENAYANA phase of Buddhism, the low rise & the dug-in seatings symbolizes learning, also fnding its routes in the vernacular architecture. Within the cafe, at the centre rests a raised green platform, with a rock in the centre, metaphorically symbolizing Buddha.

1_ DIAGRAM DESCRIPTION



2_ DIAGRAM DESCRIPTION



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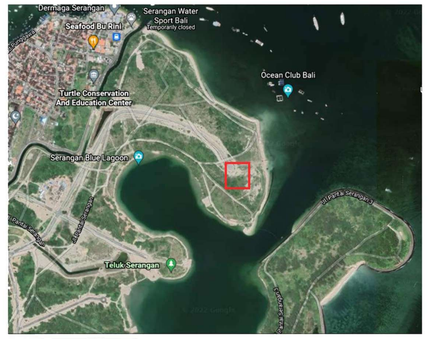
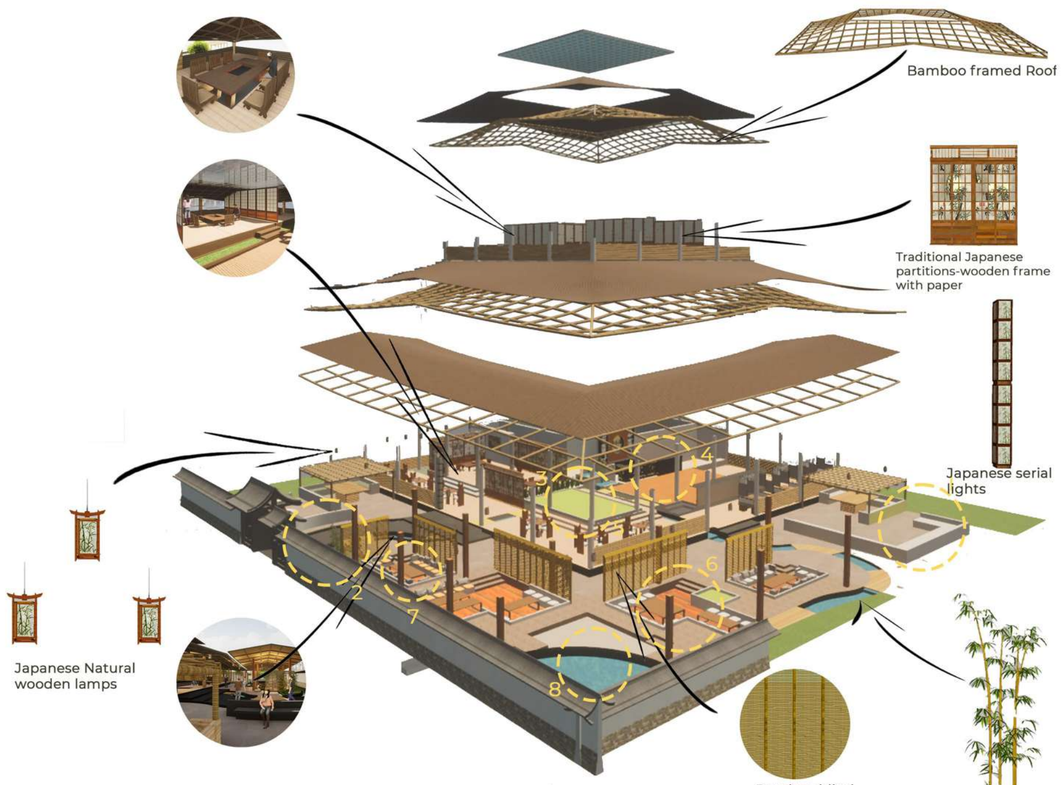


GROUND FLOOR PLAN

1 Cafe buffet
2 Fine dining
3 Low rise (dug in) dining
4 Bar counter
5 The water leisure
6 Workstations
7 Business meeting spaces
8 Washrooms
9 Kitchen
10 Service counter
11 Billing counter
12 Storage (Service entrance)

About Kissaten

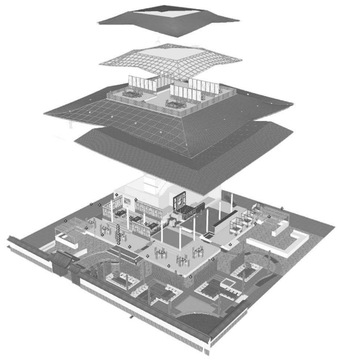
The cafe offers a multiple user group, hence expanding its social horizons. It caters a variety of functions like a coffee counter, fine dining, low- rise dining, workstations, cafe dining, etc. The idea behind the diversified dining is to provide opourtunities to cater different user groups, enabling diversified functions like dining, workations, tour-ism, business meeting, vacations, recreation, etc all along with the scenic beauty offered by the location of the cafe.

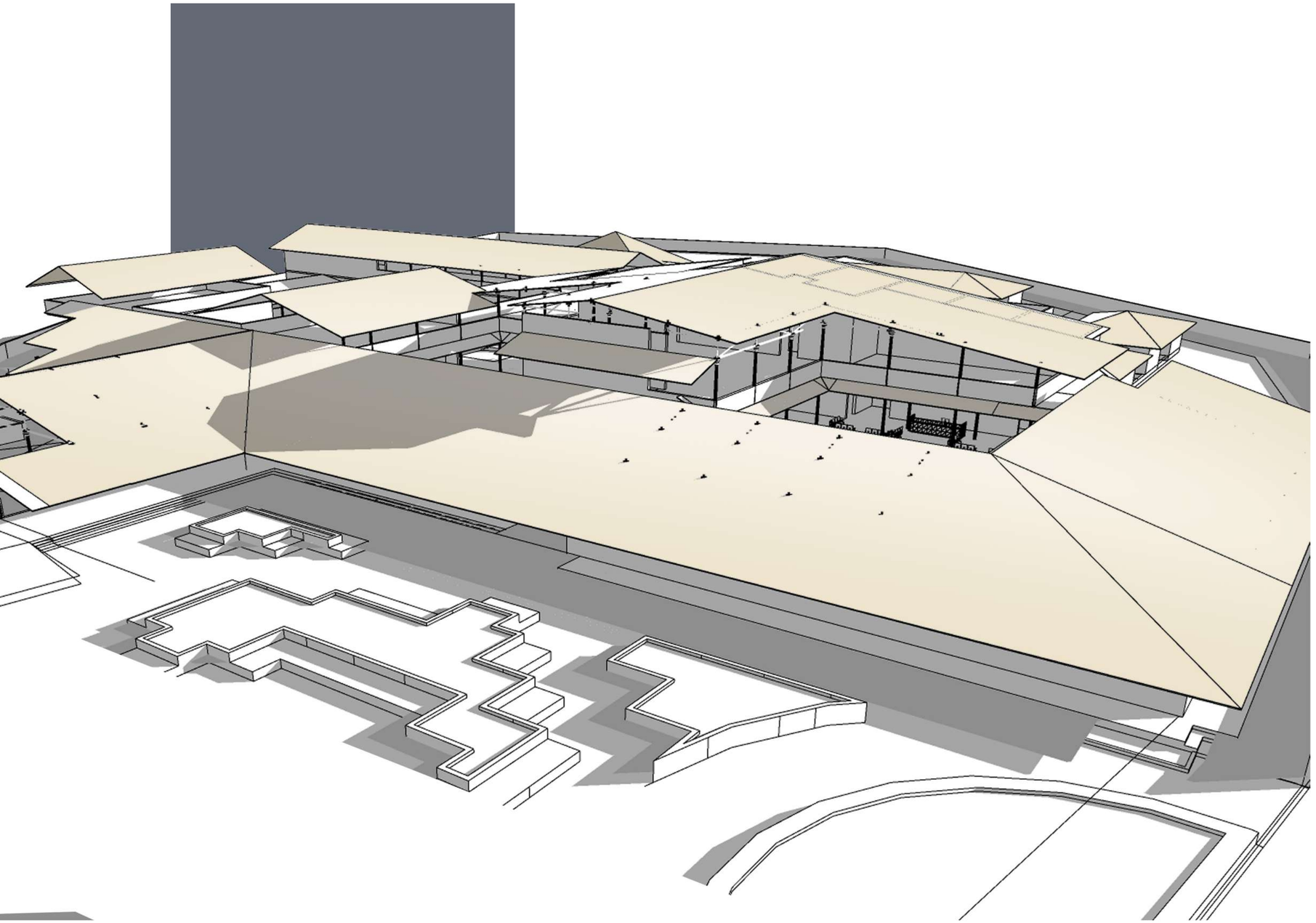


EXPLODED VIEW - JAPANESE TRADITIONAL ELEMENTS

The site is located in Bali, Indonesia, on the cost of ocean club bali having an area of sqmt, The site offers an excellent place for a cafe involving multiple dimensions.
The surroundings offers an excellent view of the beach, the distant mountains, the boating and various other activities.

The extensive use of the locally available bamboo in the structural elements like columns, truss, purlins, etc along with handrails,furnitures helps the local population connect with the cafe, as well as attract tourists. The furnitures and the lightings used in the design furthers the cause.





Sushrusha

Special mention
By Indian Green Building Council

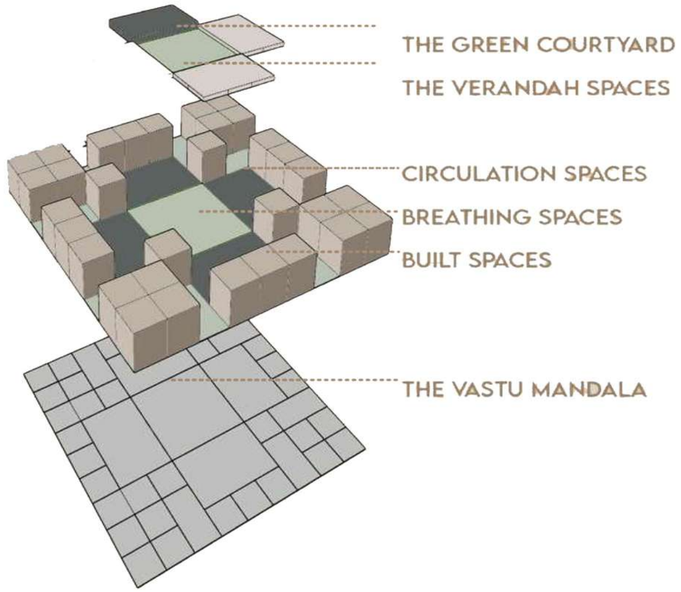
Integrated Healthcare Center
Mudigere, Chikkamagaluru
2021-2022

Sushrusha is an architectural design project that embraces the integration of vernacular elements within a contemporary context. It is located in a taluk headquarters nestled amidst the picturesque Western Ghats, catering to a population of approximately 30,000 people through its primary health center (PHC).

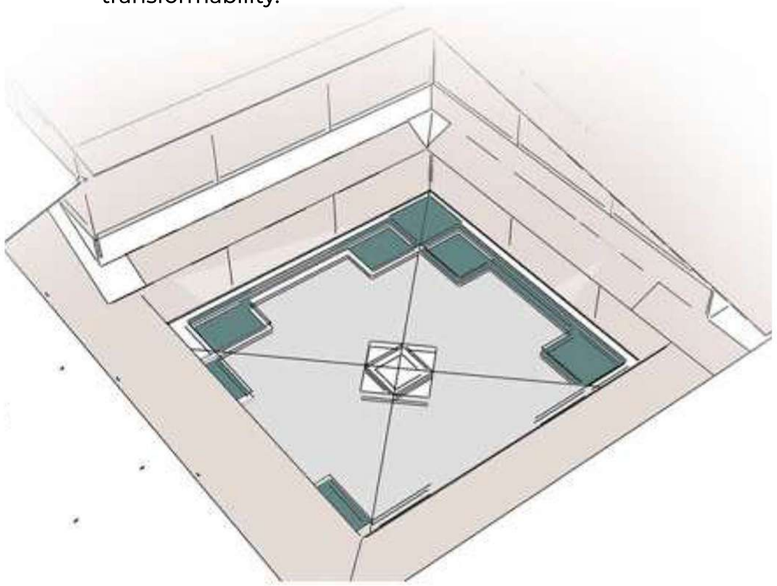
Inspired by the principles of meta-architecture, the design harmoniously incorporates traditional materials and elements, paying homage to the local architectural heritage. Beyond the functional aspects of the PHC, the design envisions a holistic approach to healthcare, prioritizing both the mental and physical well-being of the community through its comprehensive subsidiary program.

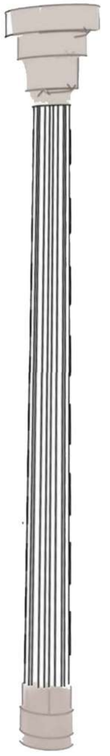
The ***Vernacular principles*** inspired by Hindu planning, the architectural design achieves both functional and aesthetic excellence, ensuring a harmonious integration with the local context and climate.

The planning and zoning revolves around ***'Vastu Mandala'*** concept with same proportions followed

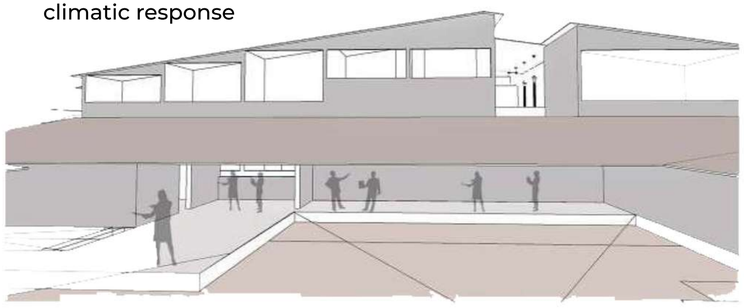


Courtyards act as the lungs of the building, promoting cross ventilation, space bifurcation, congregation, and transformability.

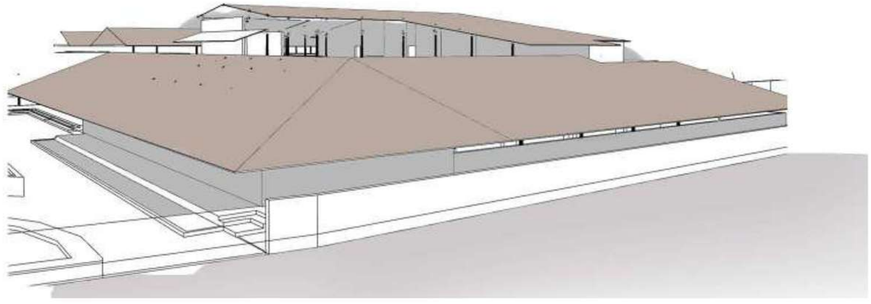




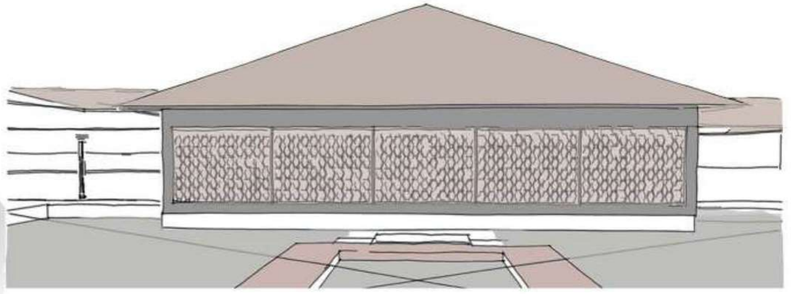
The ***low-rise structure*** with traditional lime and jaggery plaster ensures visual connectivity, thermal comfort, and climatic response



The ***pitched roof*** design facilitates efficient drainage and creates a voluminous interior space.



Bamboo ***jaalis*** channelize cool air, regulate sunlight, and provide a sense of enclosure.



The design concept focuses on achieving an even distribution of people throughout the spaces, promoting a balanced user experience. Multiple entrances strategically segregate users at the core, while the spatial organization enhances the overall distribution and accessibility within the *facility*.

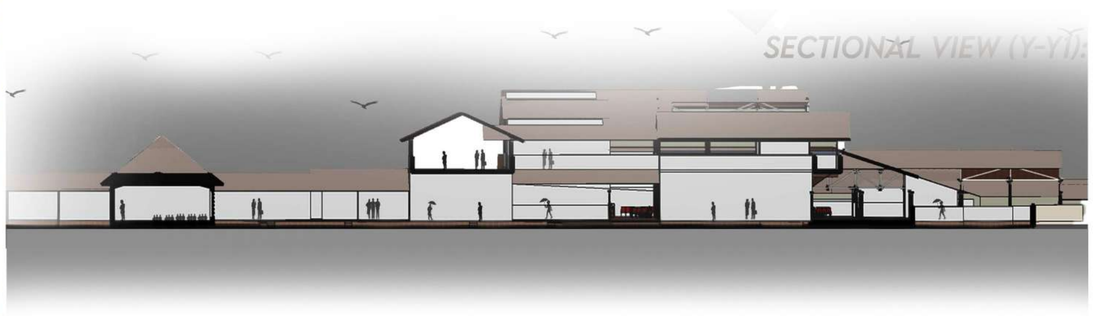
A dedicated ambulance entrance, located along a road that separates the primary health center (PHC) from the veterinary hospital, ensures convenient access and seamless connectivity. The ambulance entrance is strategically positioned near the outpatient department (OPD), inpatient department (IPD), and intensive care unit (ICU), facilitating efficient patient flow and emergency response. Additionally, pocket courtyards serve as pivotal elements, seamlessly binding together the various spaces within the facility, fostering a sense of cohesion and tranquility.

Through thoughtful spatial planning and strategic connectivity, the design optimizes functionality and enhances the overall user experience within the healthcare facility.

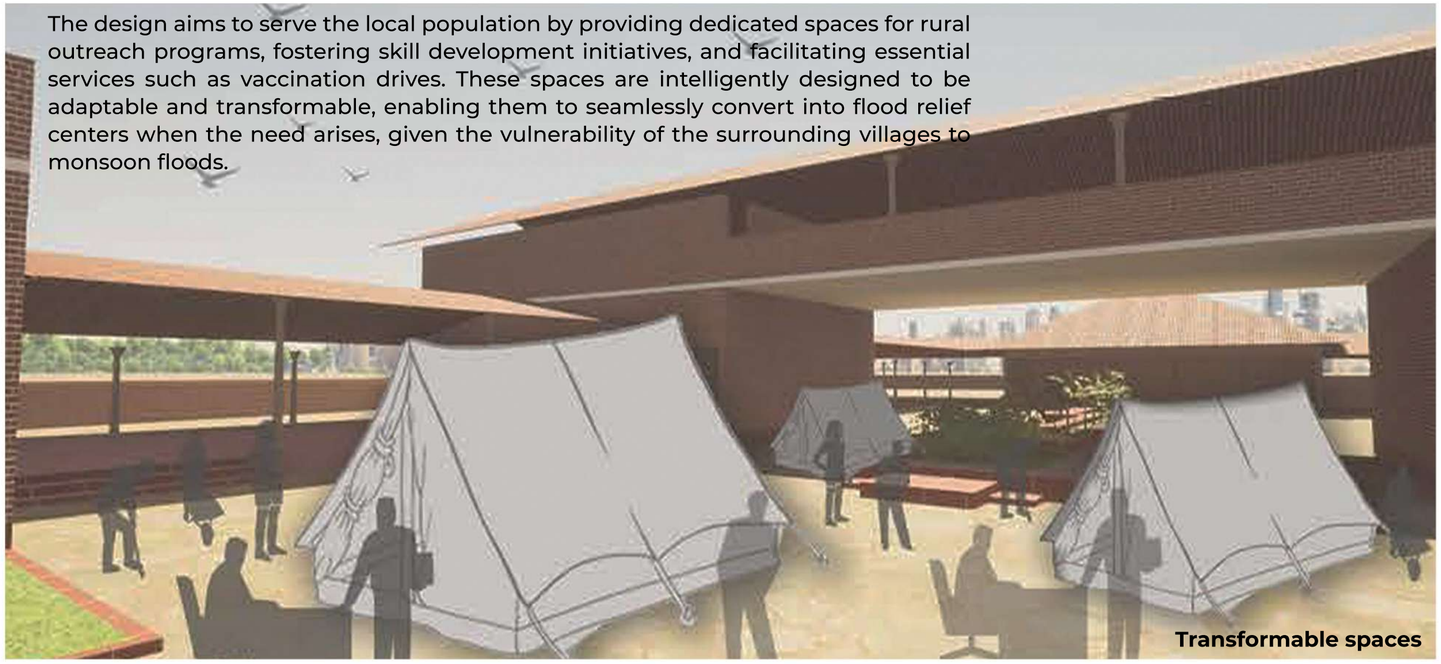
Site Plan

Section through the courtyard

Site Section



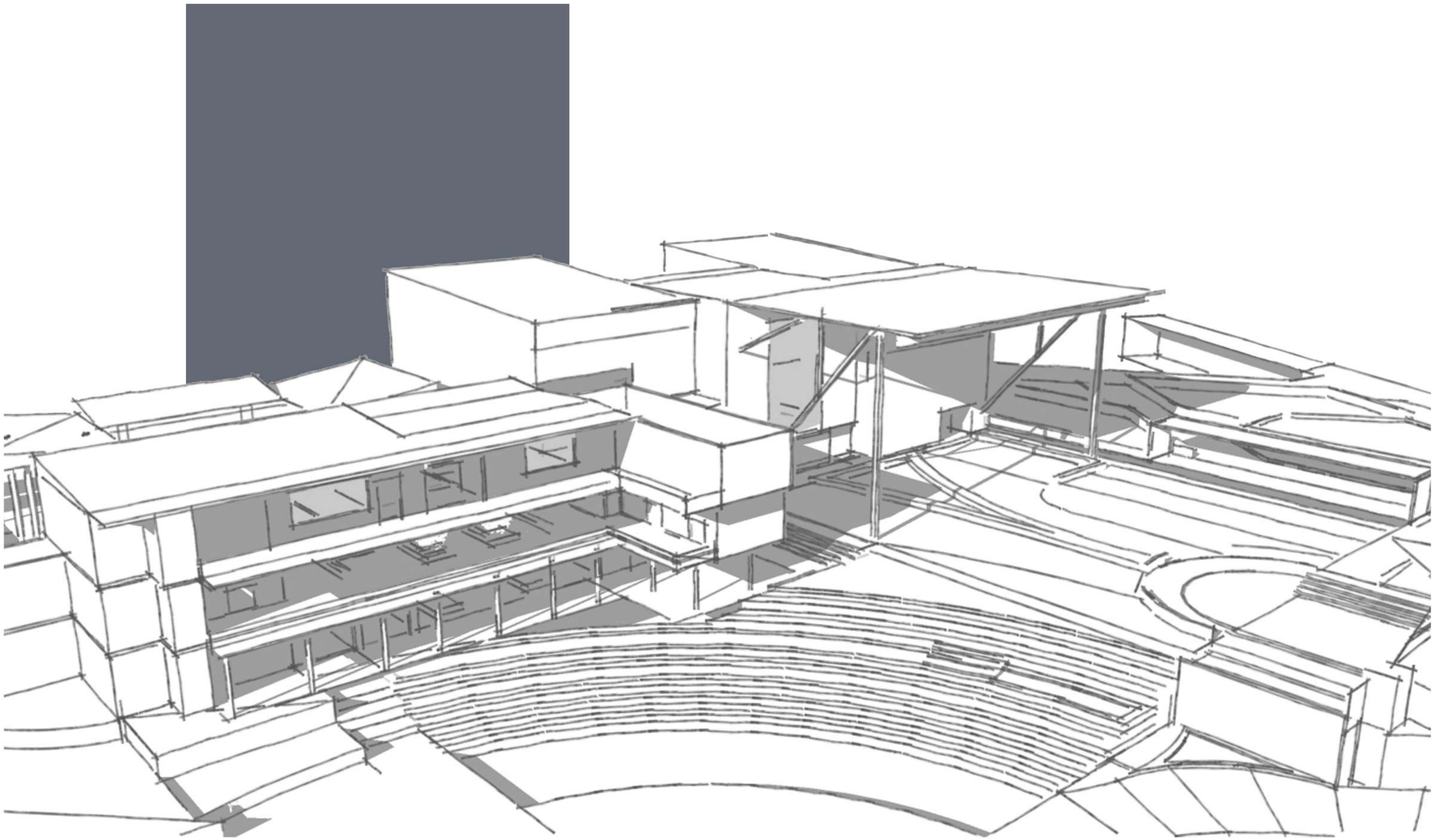
The design aims to serve the local population by providing dedicated spaces for rural outreach programs, fostering skill development initiatives, and facilitating essential services such as vaccination drives. These spaces are intelligently designed to be adaptable and transformable, enabling them to seamlessly convert into flood relief centers when the need arises, given the vulnerability of the surrounding villages to monsoon floods.



Transformable spaces

Ground floor Part 1
Hospital

Ground floor Part 2
Meditation &
wellness center



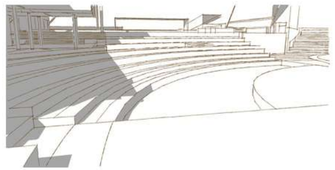
the Genre

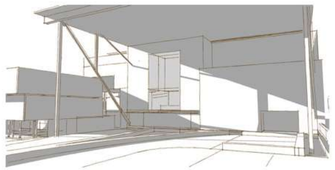
7th semester I Film Institute Design
2021 - 2022
Mangalore
Prof. Mukesh Kotak

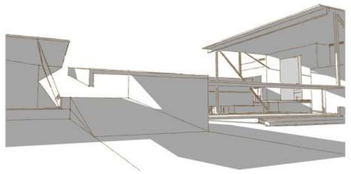
The studio project essentially dealt with the design of a Film Institute in Mangalore. The intent of the project is to develop a film center and a learning school for all the members of the film industry. The spaces here are planned to cater to different user groups starting from the common public, cine stars, and the students to learn film making.

The project's design approach is to incorporate performative architecture, which is an innovative and dynamic approach to design that goes beyond the traditional focus on aesthetics and form. It encompasses the integration of various factors such as sustainability, functionality, and the overall performance of a building within its context. By prioritizing performance-driven design principles, this architectural philosophy aims to create spaces that not only look visually striking but also actively respond to their users' needs and contribute to the well-being of the environment.

The design is derived conceptually by different genres of films and film making and designed them architecturally that gives the users the end to end experience of different genres in the institute.



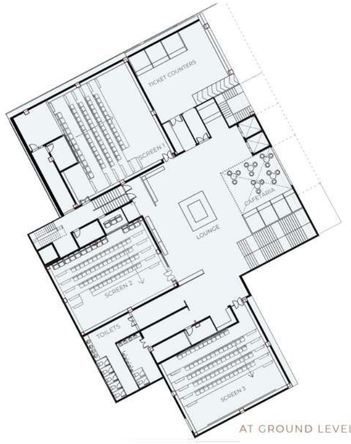


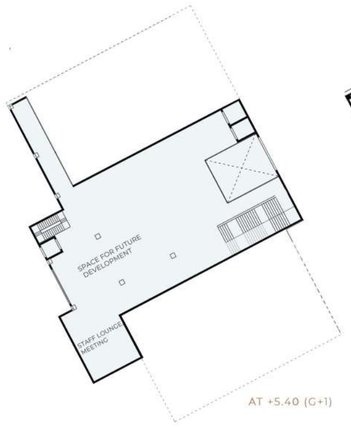


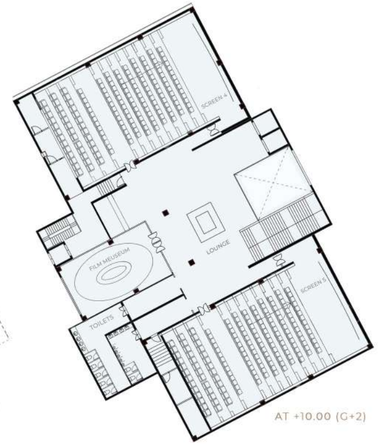
The theatre blocks that are developed based on drama and commercial film genre consists of three 75 seater screens and two 175 capacity screens with film museum and lounge area.

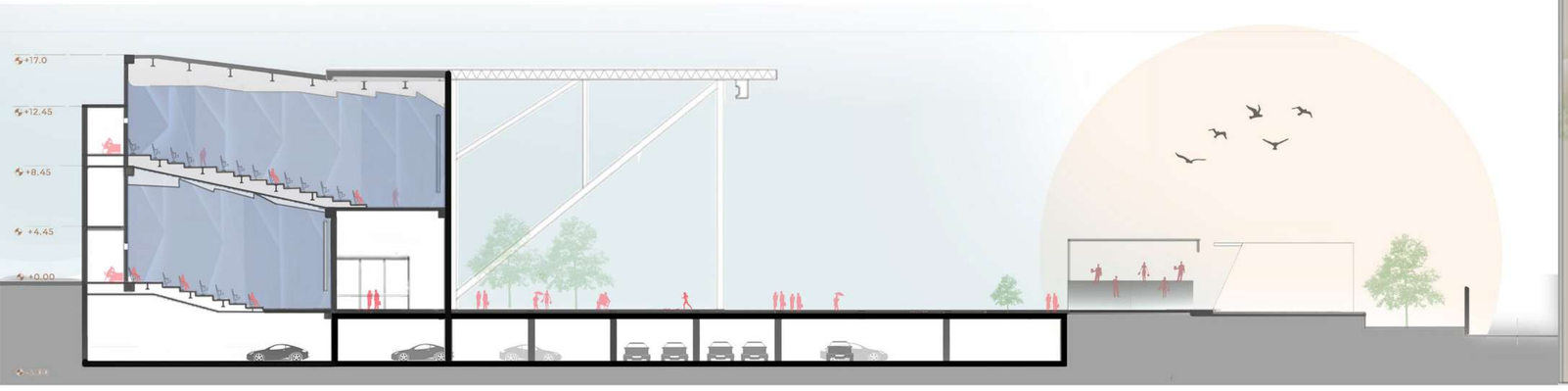
The frontage is designed to transform into a flee market during festivals and other cultural events giving economic boost to the local artisans, craftsmen and vendors.

The performative screen acts as energy source and the east walls of the theatre exterior can be used to display movie clips, teasers, etc and for advertisement as well.



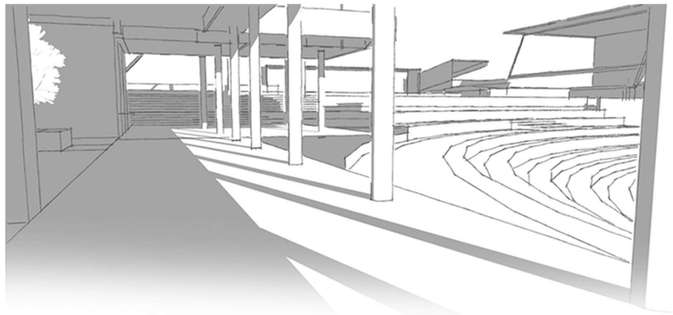


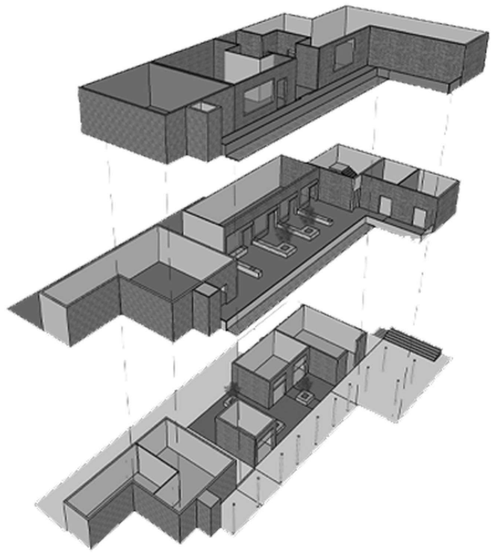


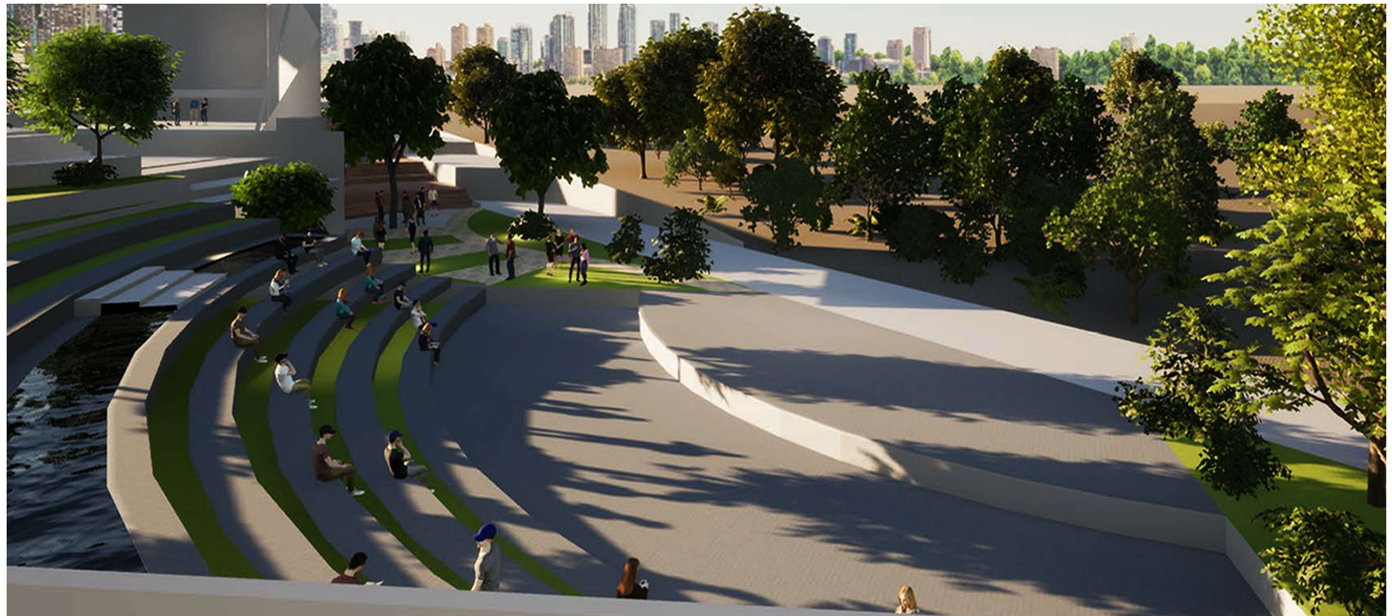


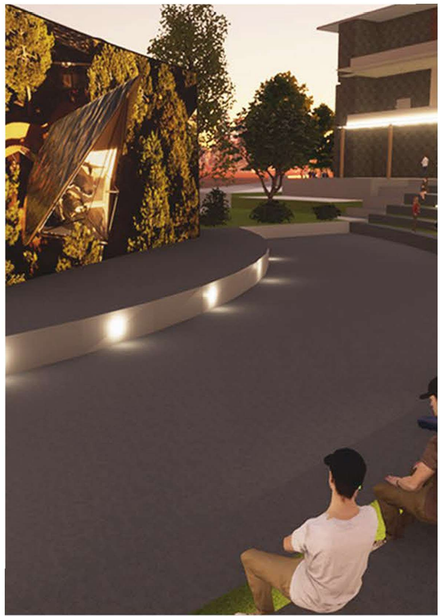
School & Production area

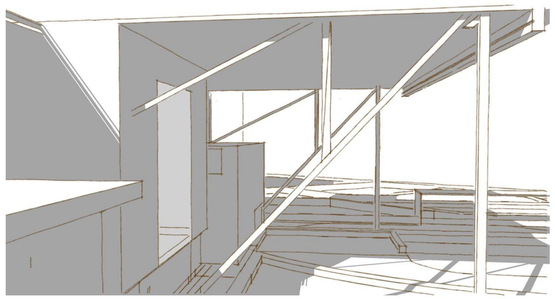
The film school and the production area are zoned privately without any hinderance from the visitors that visit the theatres. As production zone contain many privacy-involved work processes like pre production, editing, etc, the area is secluded and connected with the students' studios and workshop areas for a better practical exposure.

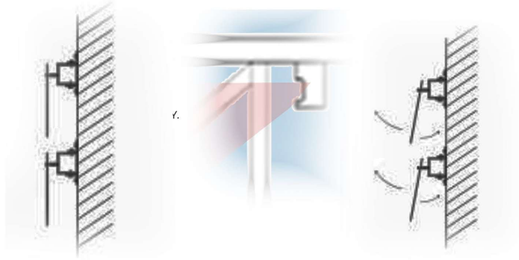








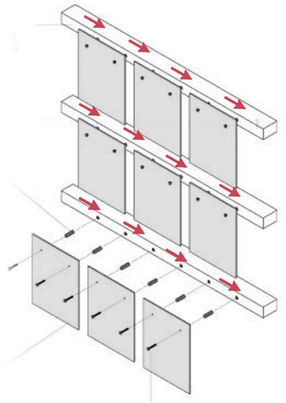


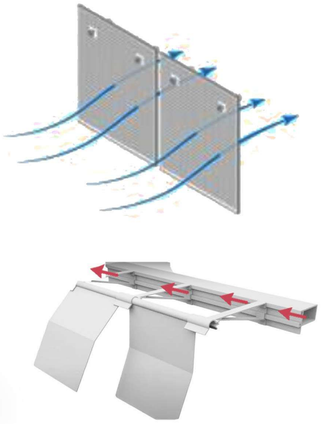


PANELS AT REST

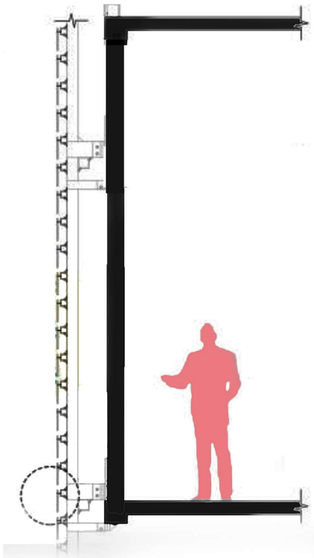
PANES WHILE IN MOTION

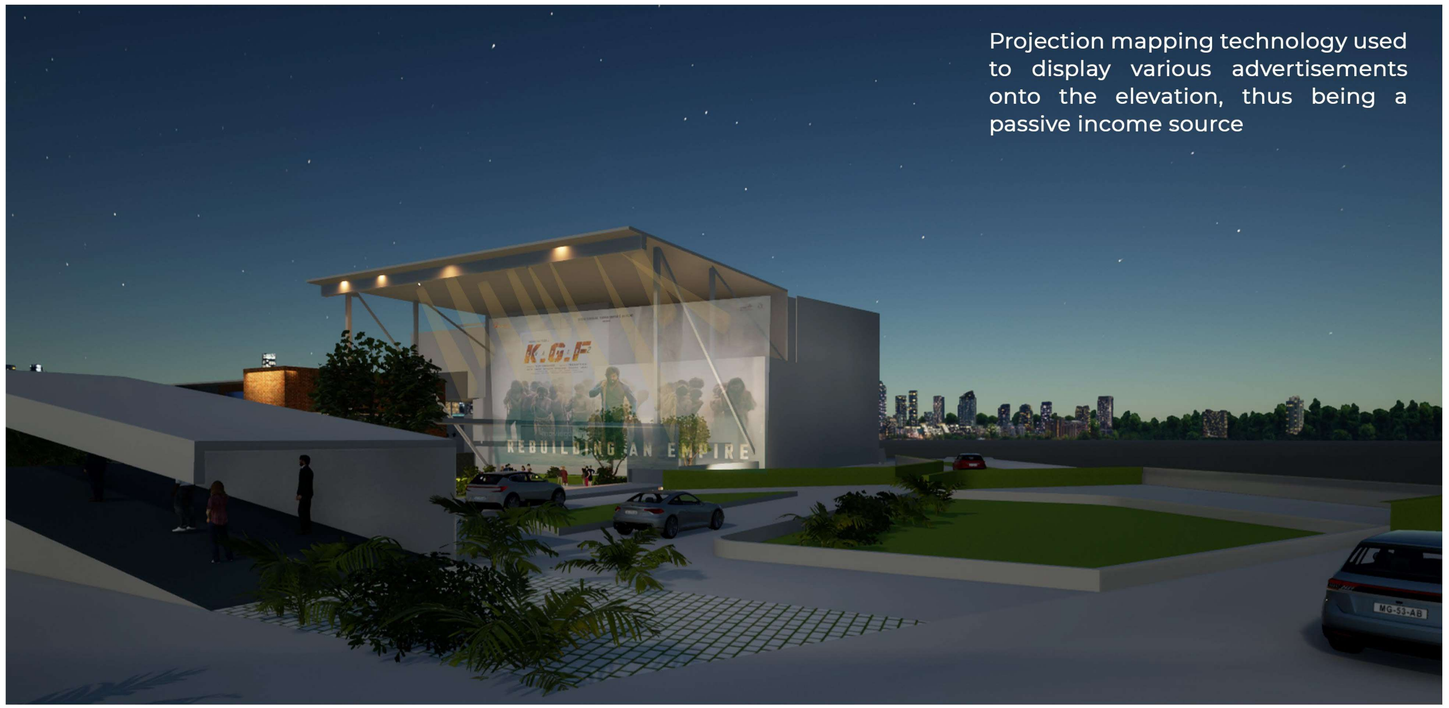
The second wall of the theatre acts as the performative facade that not only moves through harsh winds in mangalore creating patterns , but also regulate airflow into the building. The individual fins move continuously on wind and generate electricity with kinetic energy



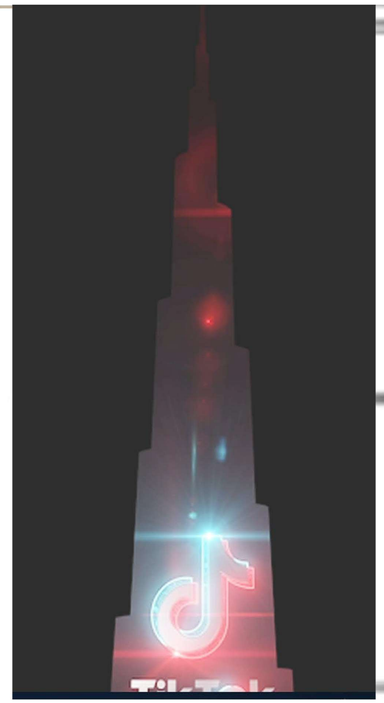


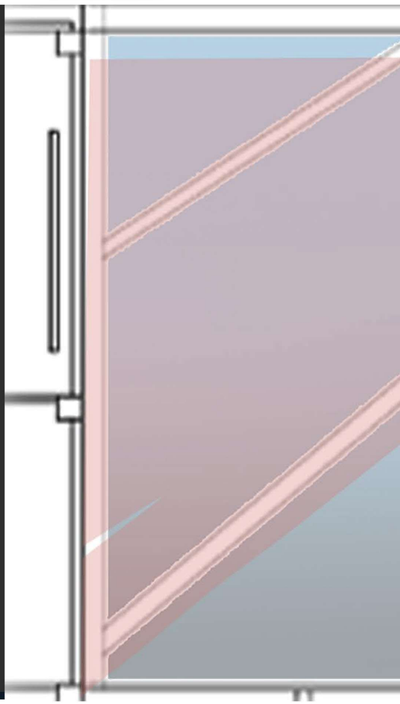
PANELS MOVEMENT
CREATING KINETIC ENERGY

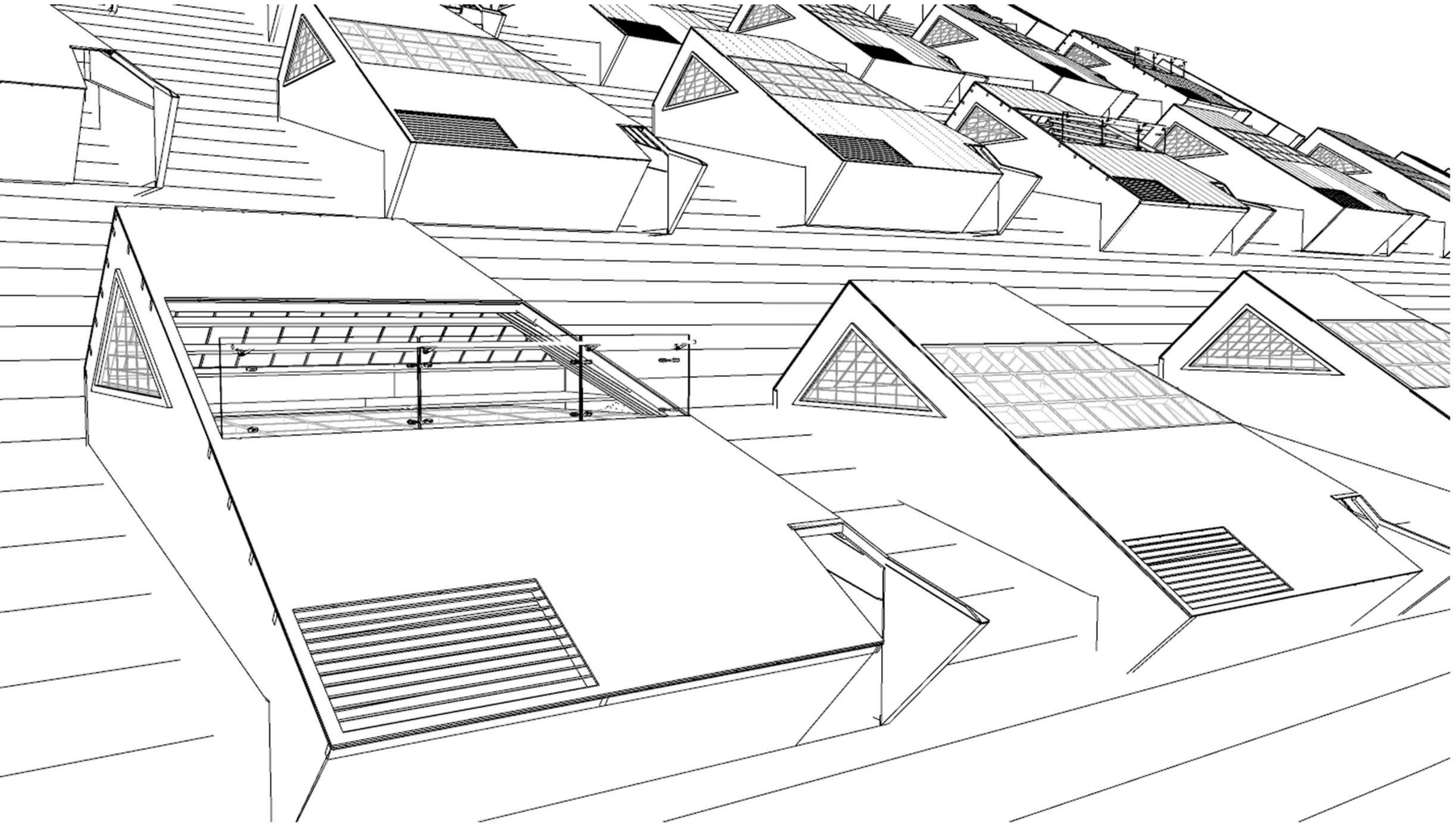




Projection mapping technology used to display various advertisements onto the elevation, thus being a passive income source







Kutira

Nano House | By Volume Zero
Efficient home design,
Sector 8, Navi Mumbai, India
2021-2022

The design brief sought a small-scale, spatially efficient home for two working individuals. Within a 300 sqft area, the design needed to anticipate future needs, accommodate guests and pets, and provide versatile spaces for non-core functions. Sustainability and smart technologies were emphasized for an off-the-grid solution. The challenge was to create a compact, efficient home that optimized space.

The increasing population, land scarcity, and economic challenges have resulted in compromised living conditions for many people in Mumbai, India, a rapidly growing city. This project aims to address the need for improved living standards and a better environment, with a specific focus on the work-from-home sector.

The design aimed to make a significant impact through functionality and user experience, encompassing essential functions while allowing for replication and adaptability. Transforming capacity of spaces were looked into thoroughly because of the space constraint. It caters to a working couple in the IT industry, who also have a passion for food and open up their home to the community in the evenings.

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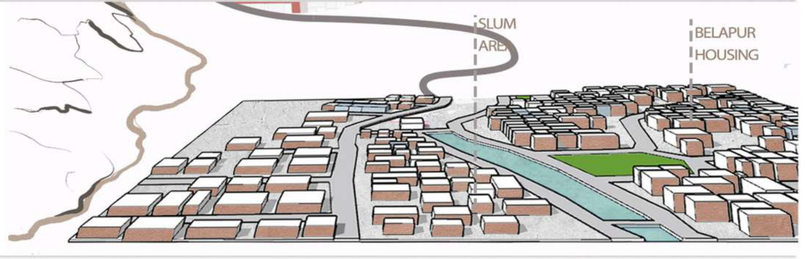
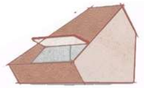


The housing concept takes inspiration from the cocoon, symbolizing its ability to expand and transform according to the organism's growth, adapting to the living conditions.

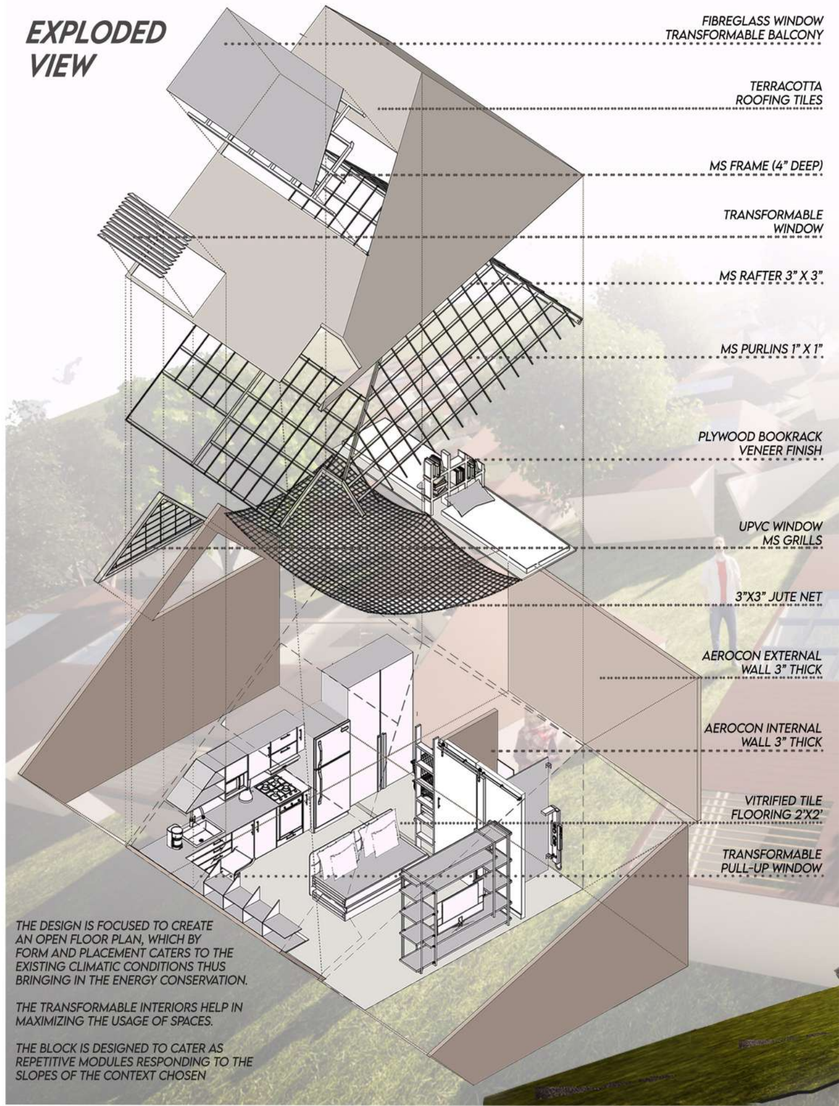
SINGLE MASS

SPLIT MASS

COCOON EXPAND


COCOON OPEN THRESHOLD

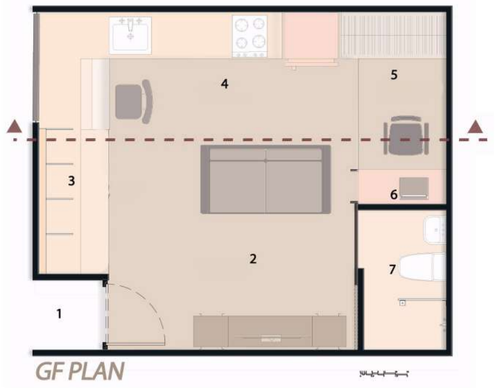
EXPLODED VIEW



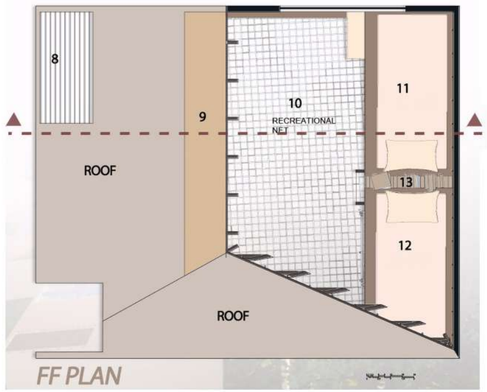
THE DESIGN IS FOCUSED TO CREATE AN OPEN FLOOR PLAN, WHICH BY FORM AND PLACEMENT CATERS TO THE EXISTING CLIMATIC CONDITIONS THUS BRINGING IN THE ENERGY CONSERVATION.

THE TRANSFORMABLE INTERIORS HELP IN MAXIMIZING THE USAGE OF SPACES.

THE BLOCK IS DESIGNED TO CATER AS REPETITIVE MODULES RESPONDING TO THE SLOPES OF THE CONTEXT CHOSEN

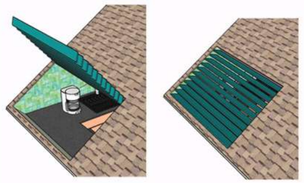


GF PLAN

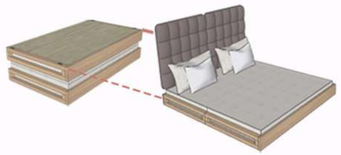


FF PLAN

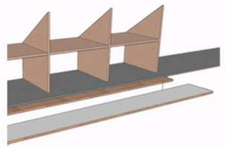
TRANSFORMABILITY



KITCHEN WINDOW FRAMING DESIGNED TO OPEN OUT AS PULL UP WINDOW CREATING A PUBLIC CONNECT FROM THE HOUSING



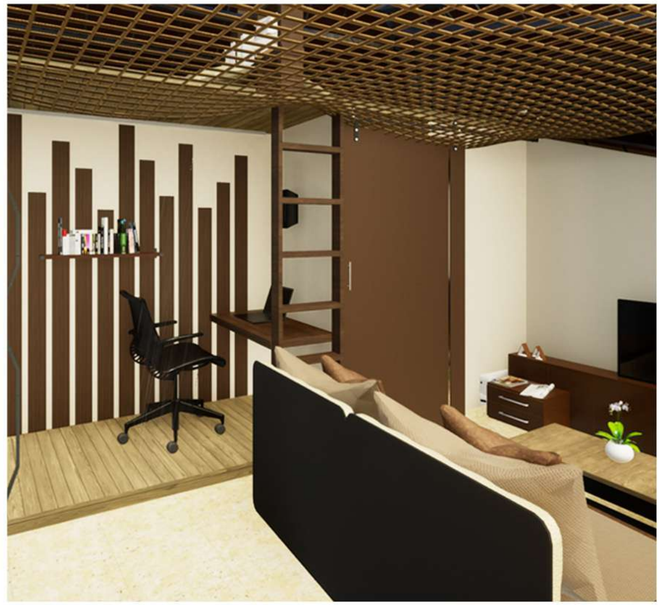
THE LIVING ROOM SOFA SET HAS BEEN CUSTOMISED TO TRANSFORM INTO A DOUBLE FOLD BED

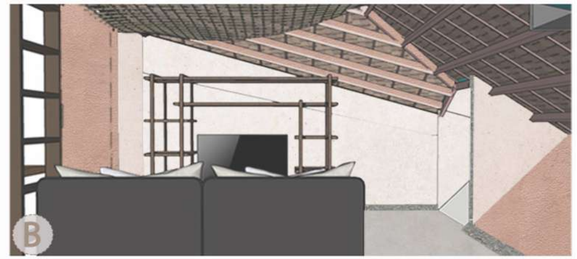


KITCHEN CROCKERY UNIT DESIGNED TO HAVE A PULL OUT DINING TABLE WHEN REQUIRED

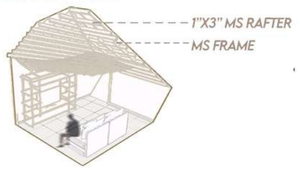
THE OPEN TO SKY GLASS WINDOW DESIGNED TO TRANSFORM INTO A GLASS DECK AS RECREATIONAL SPACE

Section depicts the capturing of maximum natural light through the open to sky glass spaces creating ample amount of brightness to the open floor plan inside

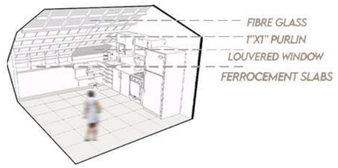




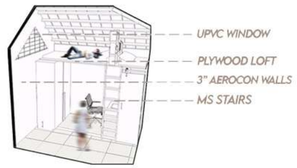
LIVING ROOM



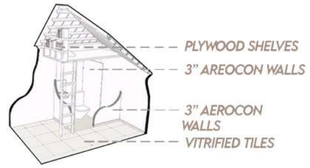
KITCHEN



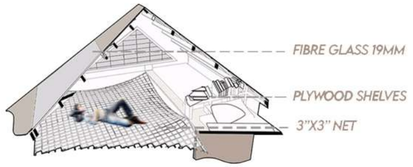
WORKSTATION



WASHROOM



BED AND RECREATION



Vihara

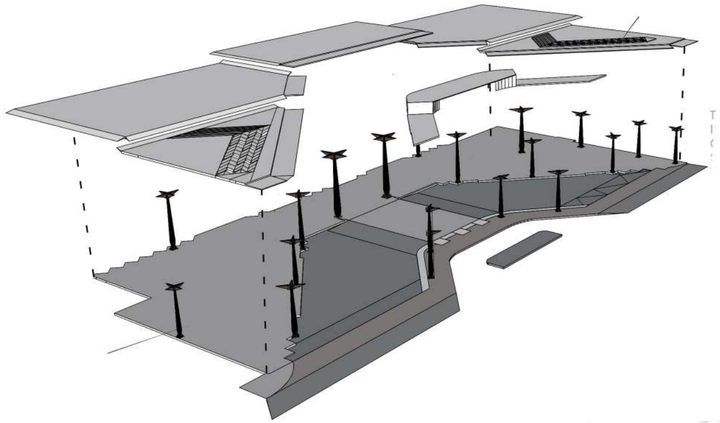
ANDC | Team lead | By NASA India
Plug-in Bus terminal
Basavangudi, Bangalore
2020-2021

The public transport system needs to witness a constant evolution in the idea of mobility with respect to the passage of time. In today's context, the widespread pandemic has brought the bus sector into a major halt, with an extensive need to bridge the gap between the image of public transport and safety efficiently. Bus stops are required to function optimally, simultaneously incorporating safety conditions and precautions for the future in association with green concepts. The need of the hour is to create a transformable module of connectivity that allows the users to feel physically safe and consciously confident, while giving out a ray of hope amidst the troubled times.

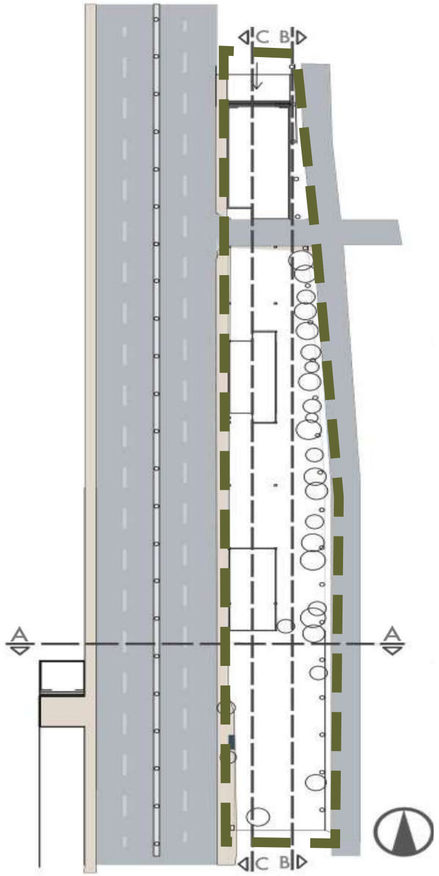
The BMTC bus services ply and connect various parts of the city. Supplementing the bus service with metro would guarantee as well as optimize the usage of mass public transport systems to ease today's scenarios of traffic congestion, the need of the hour in Bengaluru city, and thereby promote connectivity and aim at reducing energy consumption.

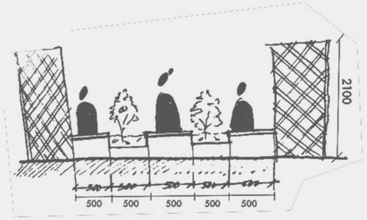
The motive to reduce contact amongst the people, for efficient crowd management in a comfortable, close-to-nature environment. The entry has been provided from both sides of the pedestrian walkway leading to the bicycle stand and checkpoints. A pedestrian access on the bus bay gives way to the main entrance, which accommodates a retail stand on either side with kiosks straight ahead.

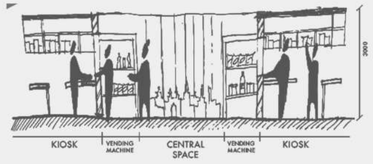
Bus terminal Plan

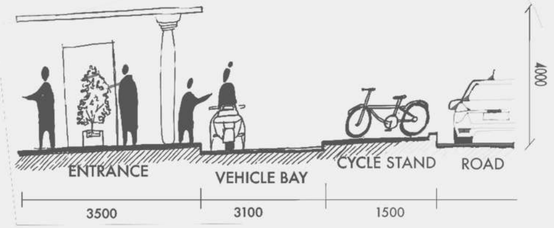


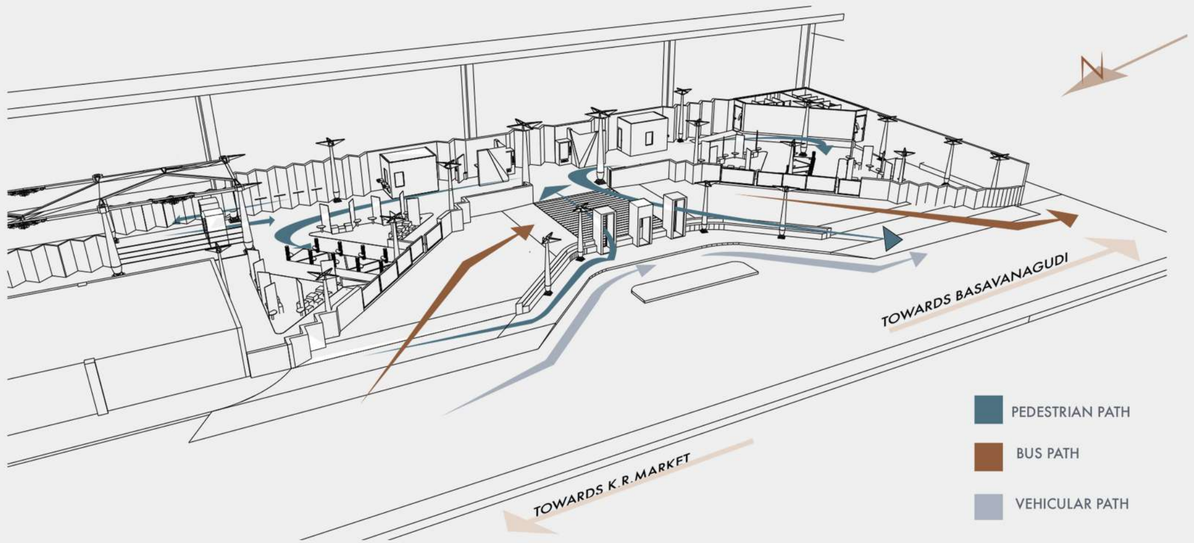
Chosen site

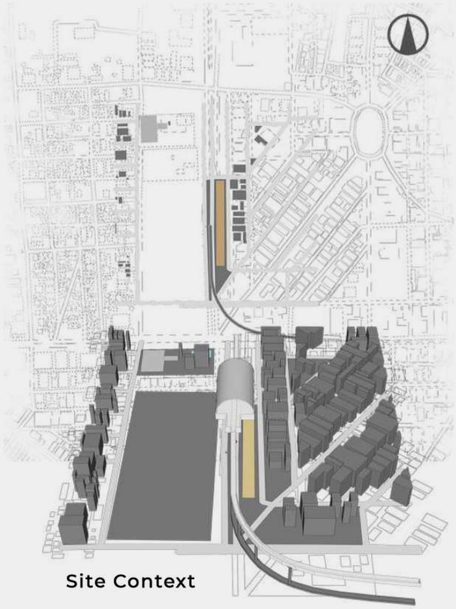




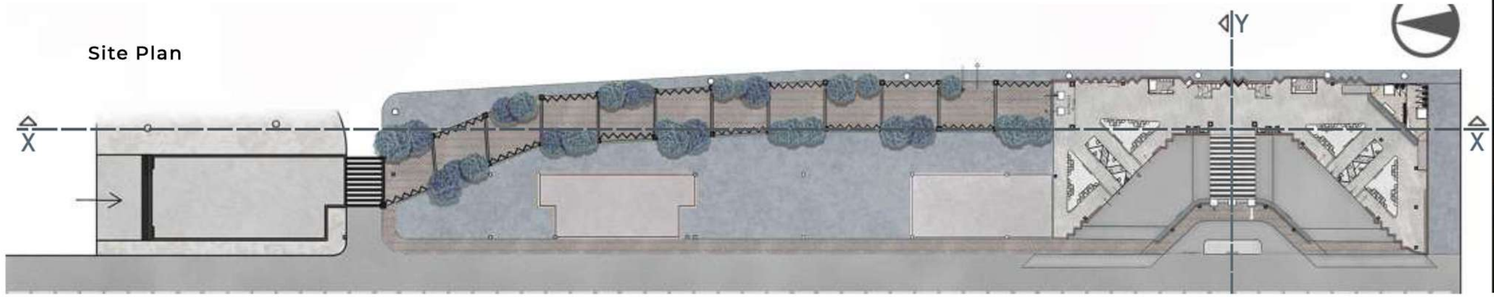




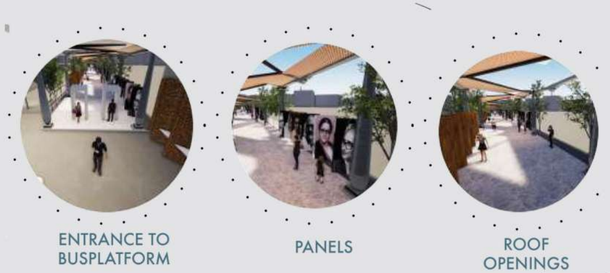


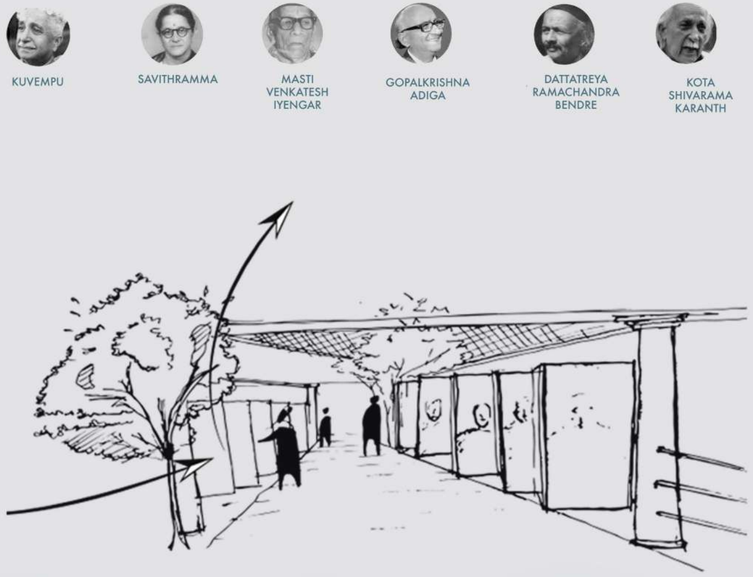

Site Context

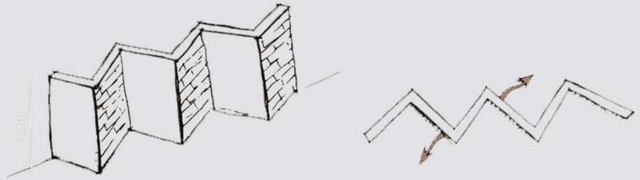
Site Plan



The walkway extends from the start of the metro till the roof of the bus station, with the roof increasing gradually, making users feel embraced and accommodated. It connects the residential areas and the side road. The pathway is dedicated to their contributions and making users aware of the rich culture present here.

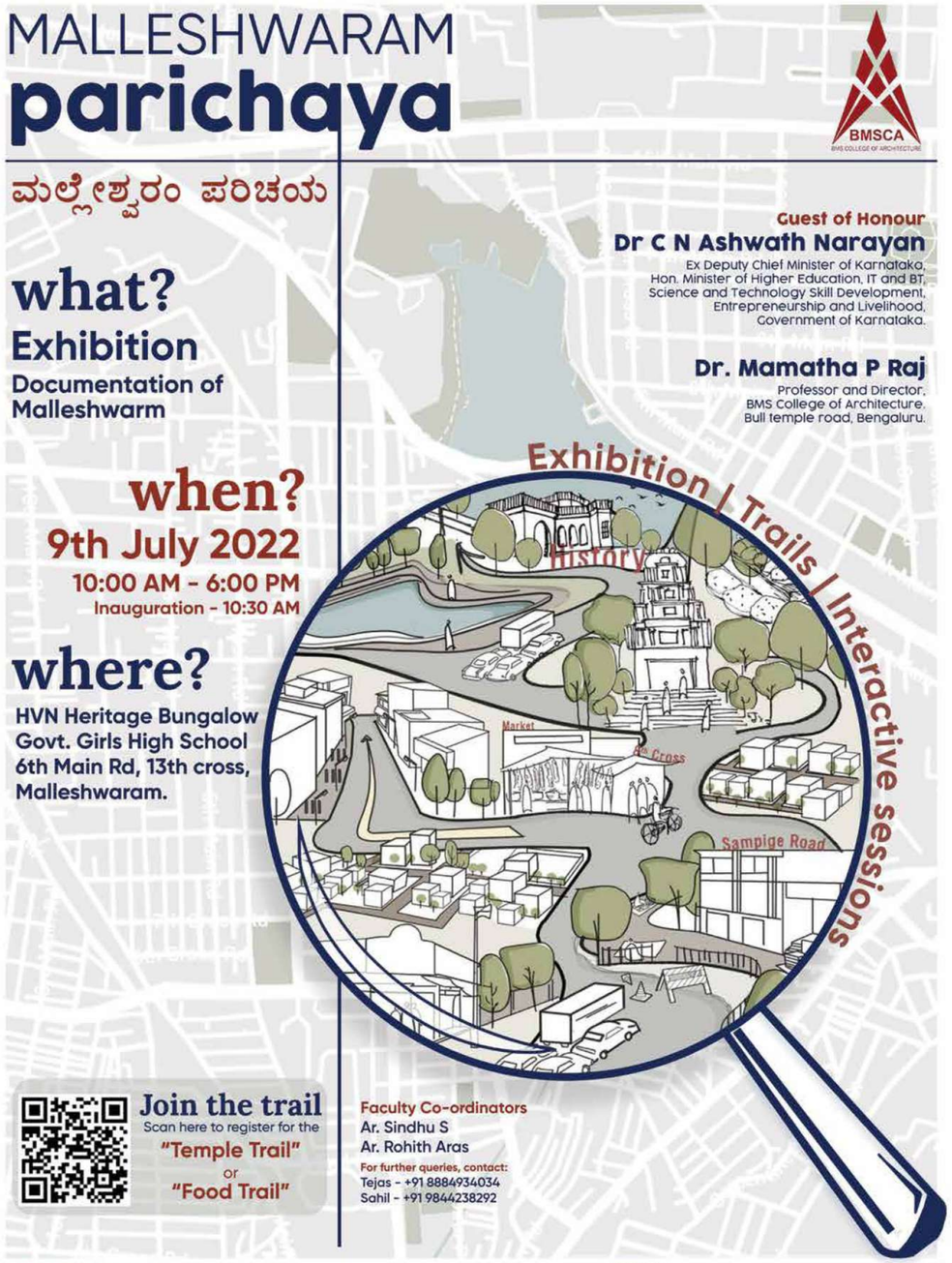






Basavangudi has some of Karnataka's greatest poets, thinkers, and intellectuals. Through the design, we bring back these eminent gems of Karnataka and their work back home, to Basavangudi. With their gracious contributions to literature and various fields in Karnataka, the users are inspired and influenced to know the rich culture of the place they call home, that for so long has helped shape the rich culture Karnataka is known for. The aim, therefore, is to make users more aware of the traditions and past throughout the memorable walk.

The memorial walk



TEMPLE & FOOD TRAILS

The exhibition had interesting suggestions by students on food and temple trails, to help visitors cover all the landmark spots. It was inaugurated by higher education minister CN Ashwath Narayan

STUDENTS' SURVEY: The study findings were showcased as part of an exhibition — Malleswaram Parichay — held at HVN Heritage Bungalow on Saturday

"A temple was excavated opposite Kadu Malleshwara temple in 1997 after locals intervened and convinced the owner of the land to excavate it, instead of handing it over to real estate developers. The intervention brought to life the gorgeous Sri Dakshinamukha Nandi Teertha temple

Sriram Aravamudan | BUSINESS STRATEGIST & HISTORY WALK ORGANISER

Malleshwaram

Public Participatory Exhibition
8th semester
8C - BMS College of Architecture
2021 - 2022

The urban design studio focused on the study and documentation of a culturally rich urban area in the heart of the city of Bengaluru. The aim of the studio was to understand the importance of a place by studying its history, heritage, morphology, and settlement patterns. The studio's objective was to comprehend the change in land use patterns and look into how the place responds to these changes.

The output was to provide strategic interventions to enrich the cultural identity of the place and propose suitable design solutions for newer developments.
Hence, the design intent was to provide an urban solution to engage people to know more about their vicinity and encourage them to promote non-motorized transport.

The design approach was to propose an urban trail 'SIGHT SNOOP n CYCLE' that aims to engage the public in getting to know about Malleshwaram and its developments. This trail allows people to experience the essence of Malleshwaram in a one and a half an hour-cycle journey and learn about the heritage and current-day progress in the area.

As a part of the documentation, the whole studio was involved in documenting the study area in Malleswaram and proposing various urban solutions to present-day issues. A public participatory exhibition was held in Malleshwaram to display our documentation work, as well as interact with the locals about their issues and our design concepts.

'SIGHT' 'SNOOP' n 'CYCLE'

A CYCLE TRIAL IN MALLESHWARAM

The trail SIGHT SNOOP n CYCLE aims to engage the public in getting to know about Malleshwaram and its developments. This trail allows people to experience the esscence of Malleshwaram in a one and a half an hour cycle journey and learning about heritage and current day progess in the area.

sight.

Experience the esscence of Malleshwaram

snoop.

Explore, learn and know about the developments.

cycle.

Initative to promote non-motorised trasport.

start.

USER GROUP: Residents, Visitors

4.30 PM

6.00 PM

end.

SANKEY TANK

18TH CROSS ROAD

SRI SAIRAM CHATS

1.1 KM (15 MINS)

PANCHAVATI

15TH CROSS ROAD

650M (5 MINS)

WOMEN'S COLLEGE

MARGOSA ROAD

KAADU MALLIKAARJUNA TEMPLE

850M (8 MINS)

SAMPIGE ROAD

MARKET (SAMPIGE ROAD)

CITY CENTRAL LIBRARY

1.2 KM (10 MINS)

8TH CROSS ROAD (SHOPPING STREET)

BANGALORE EDUCATIONAL SOCIETY

MALLESHWARAM PLAYGROUND

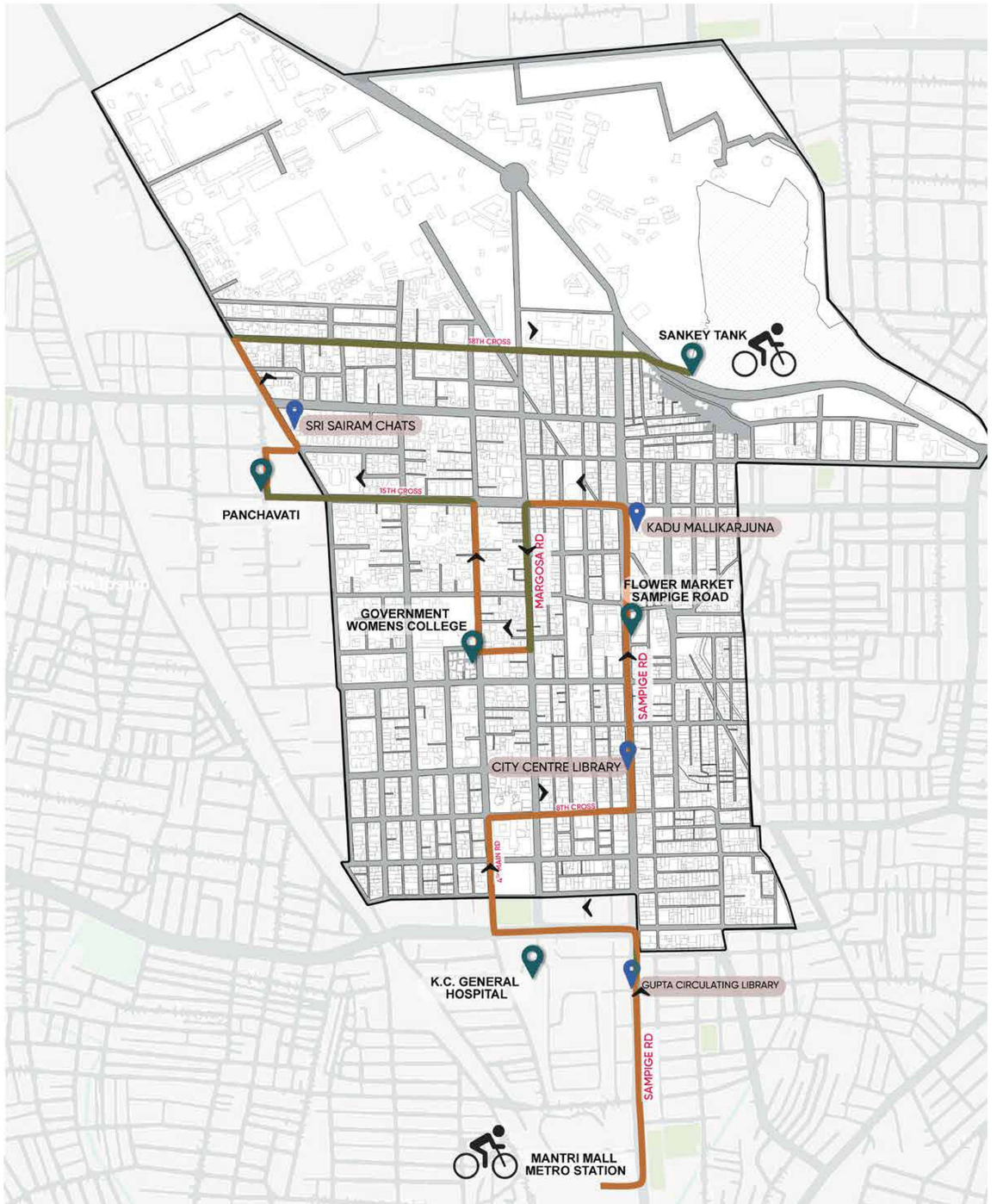
K C GENERAL HOSPITAL

GUPTA CIRCULATING LIBRARY

1.2 KM (10 MINS)

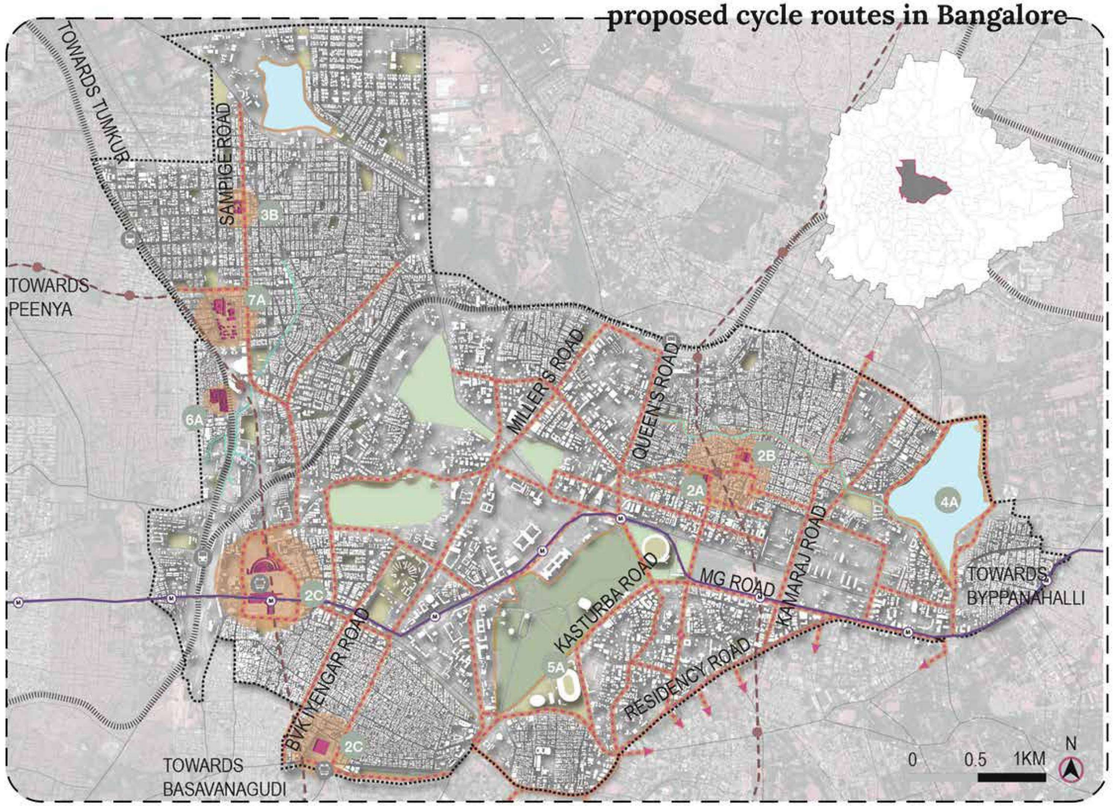
MANTRI METRO STATION

snoop | sight | cycle | downward slope | upward slope



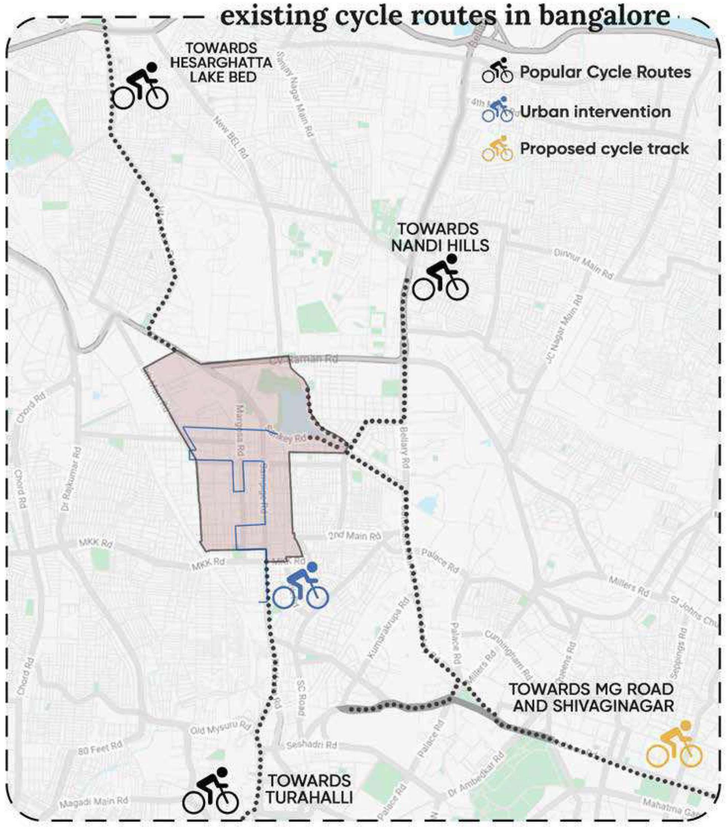
PROJECT MODEL AND PHASES

proposed cycle routes in Bangalore

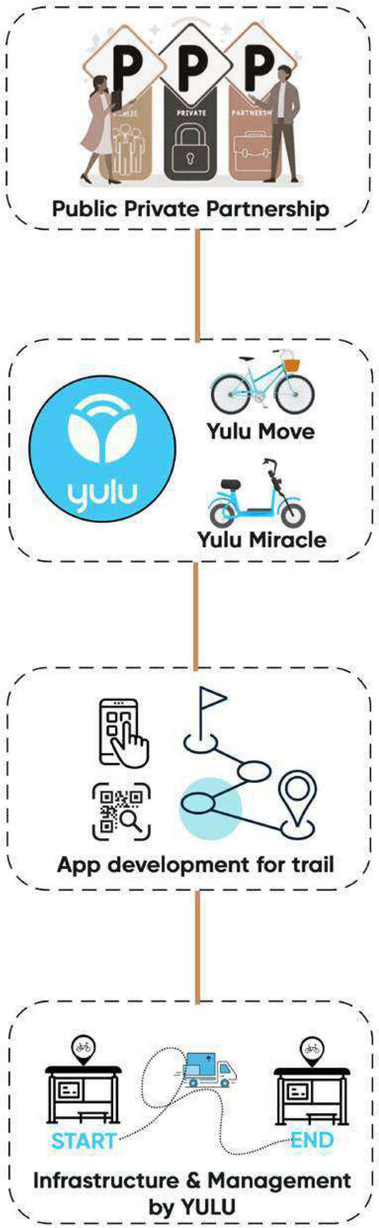


Source: Smart City Proposal

existing cycle routes in bangalore



working model



step 1

BRING YOUR OWN CYCLES

TAKE UP THE TRAIL TO PAUSE AND EXPERIENCE MALLESHWARAM

step 2

INTRODUCING THE PROVISION OF RENTAL BIKES

CYCLE STATIONS AND CYCLE PARKING FACILITIES ARE INTRODUCED

step 3

SELF GUIDED TRAIL
TAKE THE YULU BIKES AT STANDS

SCAN QR AND EXPLORE

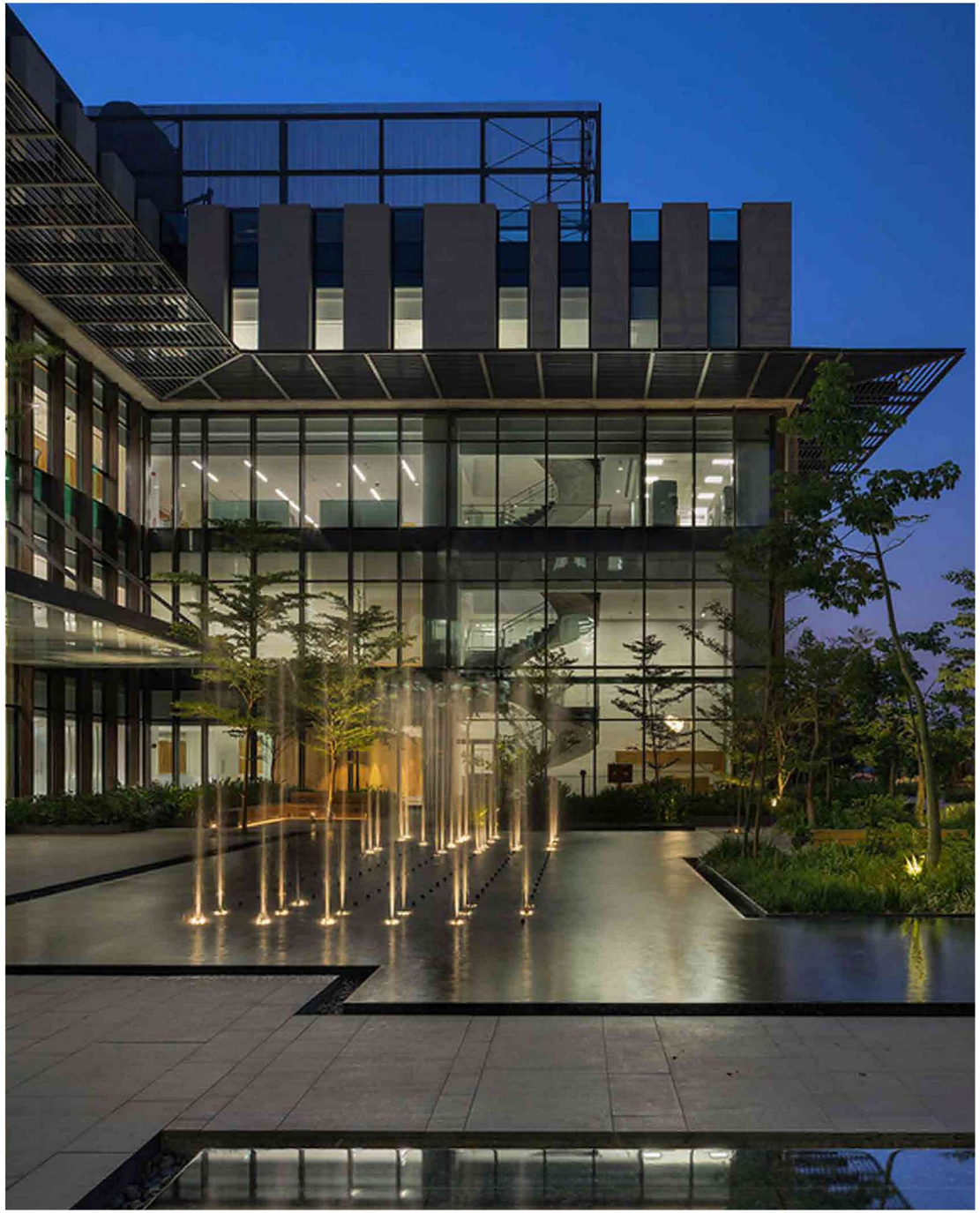
step 4

CONNECTING ALL OF MALLESHWARAM AND INTRODUCING NEW TRAILS

Heritage Trail
Leisure Trail
Food Trail

step 5

PAN CITY CYCLE CONNECTIVITY



Internship

Professional Training

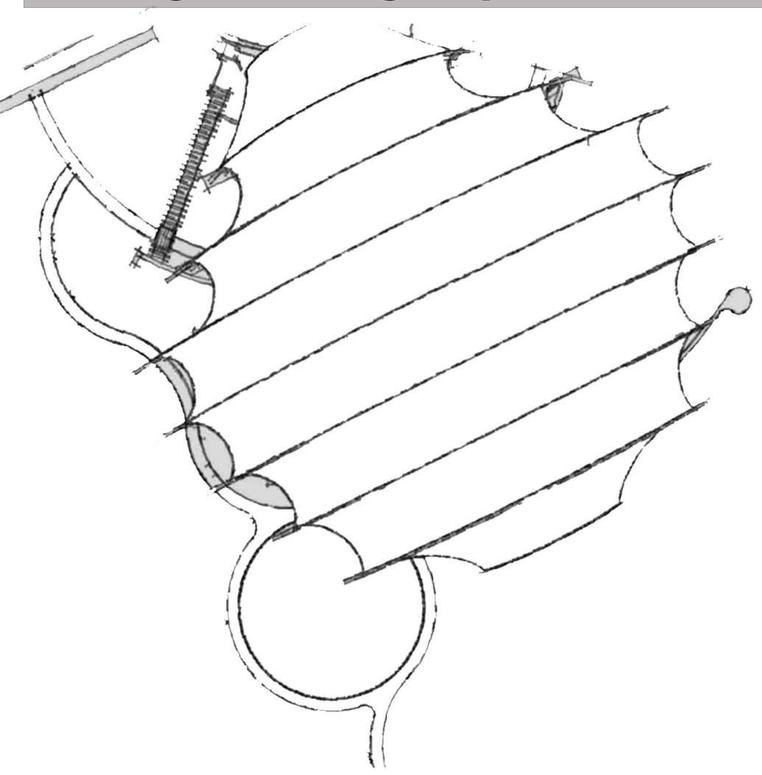
Venkataramanan Associates
Bangalore
2022

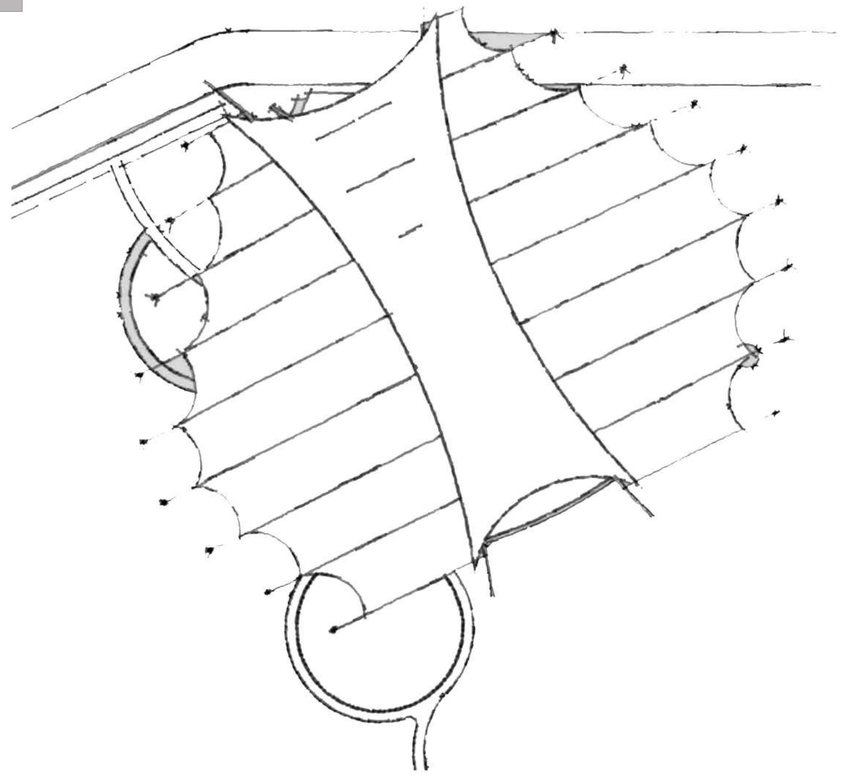
Throughout my internship at a Venkataramanan Associates, I had the privilege of working on a diverse range of projects, contributing to both research and development initiatives, as well as the creation of awe-inspiring industrial campuses across India.

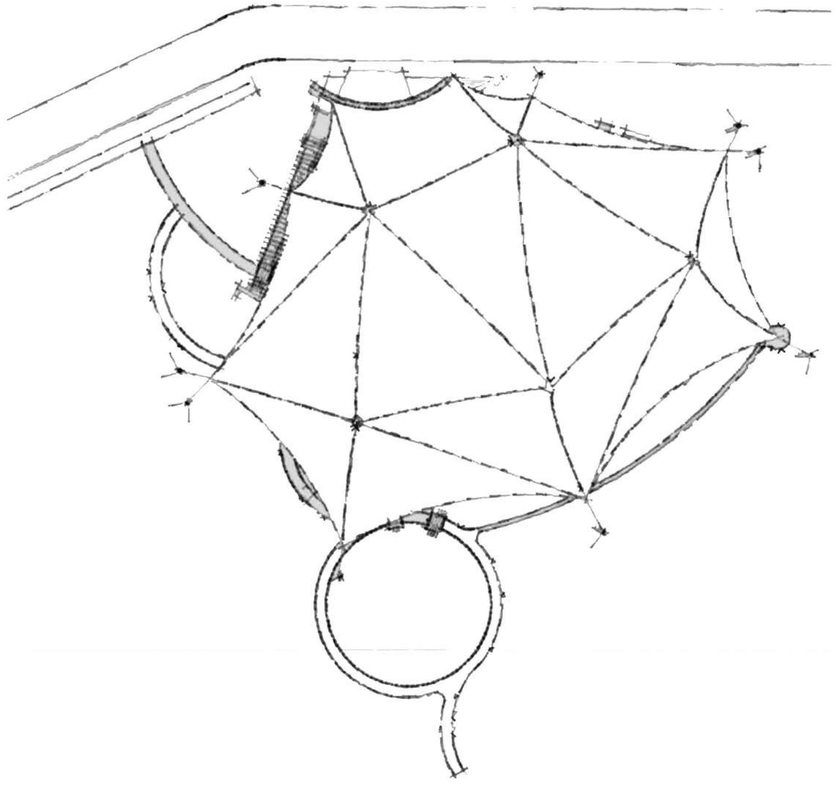
Within the realm of architectural detailing systems, I delved into the intricate world of lab drawings, meticulously crafting plans that ensured optimal functionality and aesthetic harmony. By mastering the art of detailing, I honed my ability to translate complex design concepts into precise technical drawings, bringing visions to life.

Moreover, I enthusiastically engaged in the challenging task of designing elevations that captivate the senses and leave a lasting impression. My focus extended beyond mere facades, as I explored the interplay between form, materiality, and context to achieve harmonious architectural expressions. This comprehensive approach allowed me to contribute to the creation of captivating built environments that seamlessly integrate with their surroundings.

Design of Large-span structures



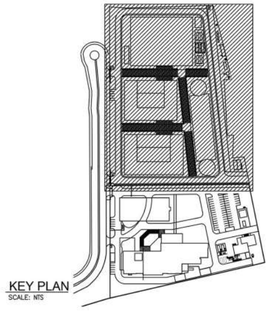




02

GRADING PLAN & SECTIONS

Grading drawings provide a 3-dimensional depiction of a site, indicated by contour lines that follow the site's elevations, typically set in 2-foot changes in elevation. Therefore, a grading plan with contour lines farther apart will indicate a gentle slope, while more compacted contour lines reveal a steeper slope.



LEGEND FOR GRADING–BUILDINGS

- 138.75
- 139.00
- 139.15
- REF. PLAN

LEGEND FOR GRADING–SECTION

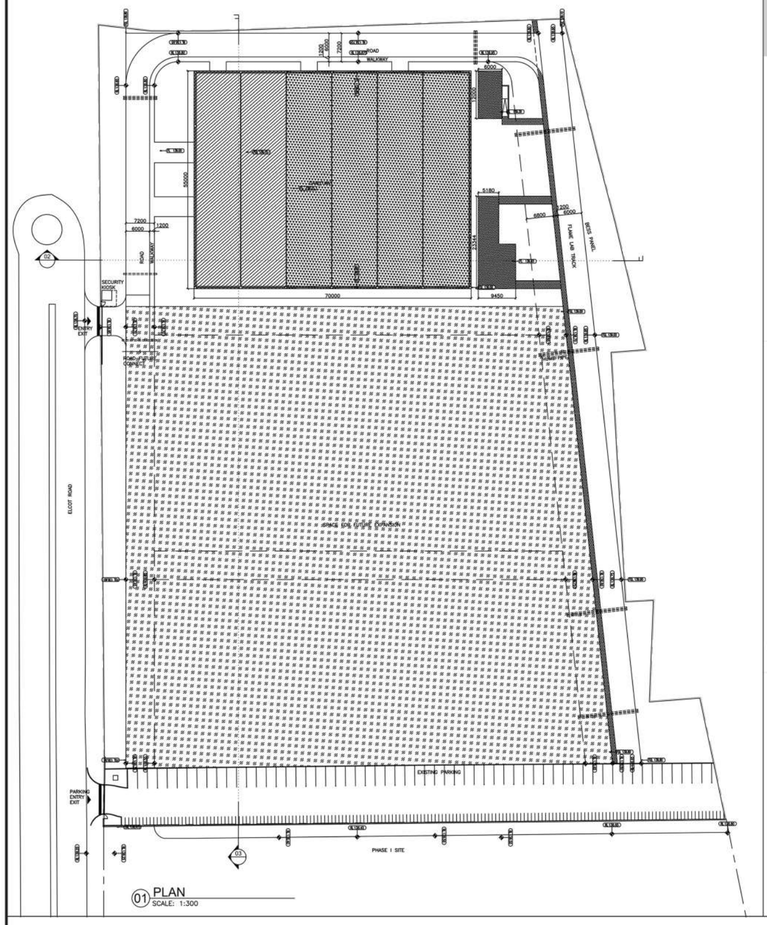
- CUTTING
- FILLING

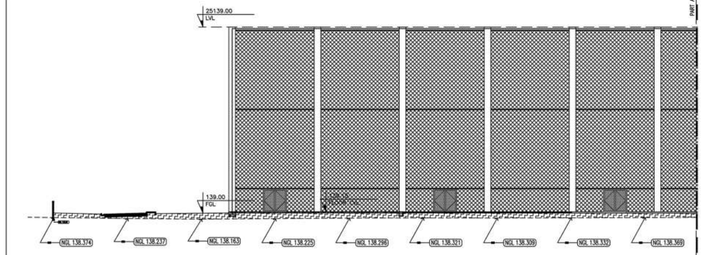
N

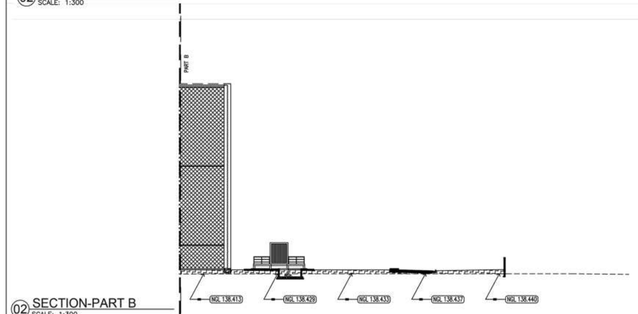
Scope of work & contribution:

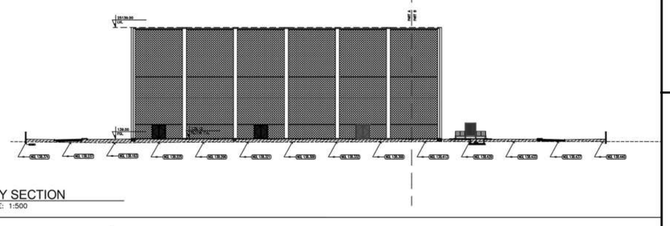
Texture coding of plans according to grading level W.R.T the Finished Ground Level

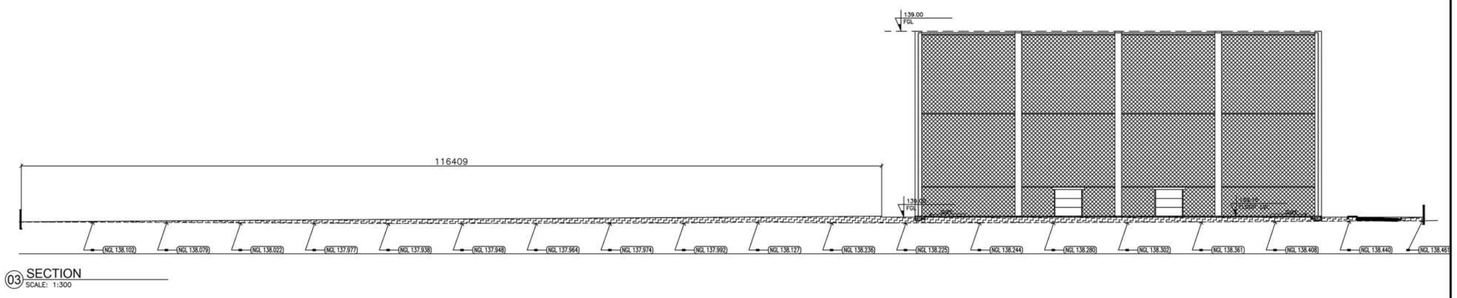
Drafting graded site sections considering FGL and NGL



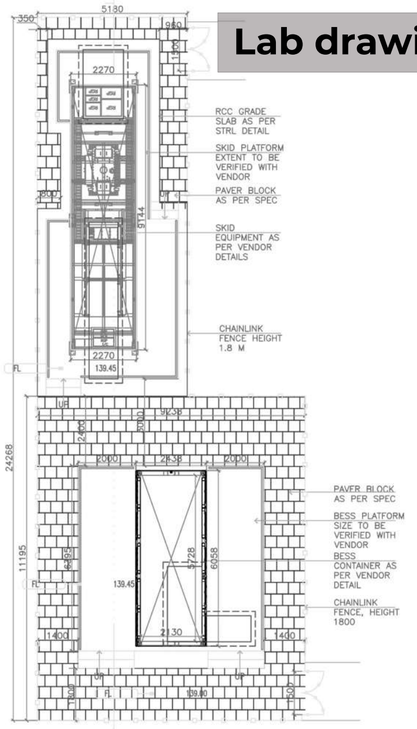


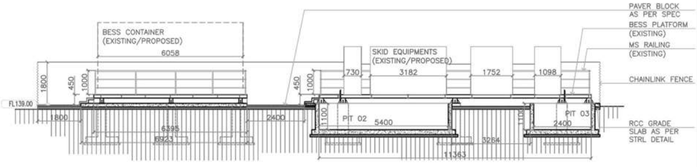


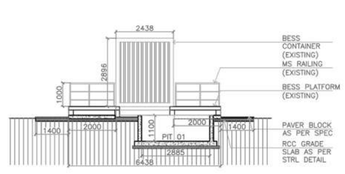




Lab drawings

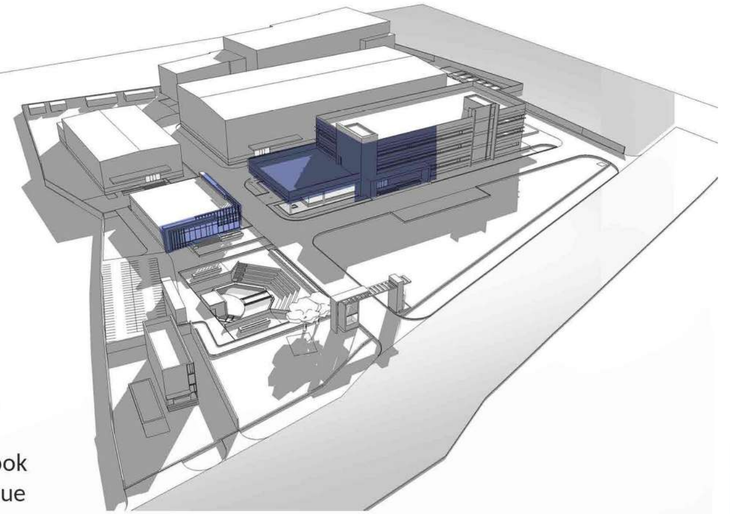


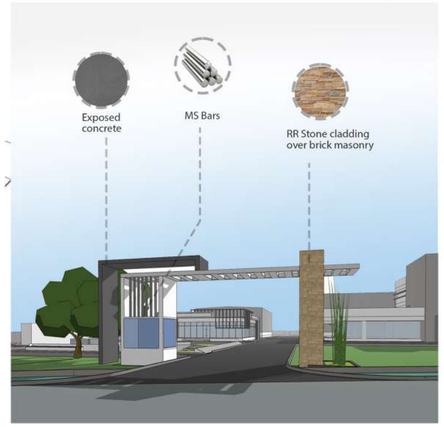




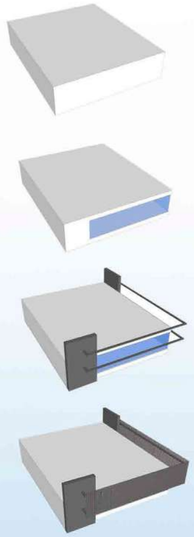
Facade Design

OPTION 2





Form Development

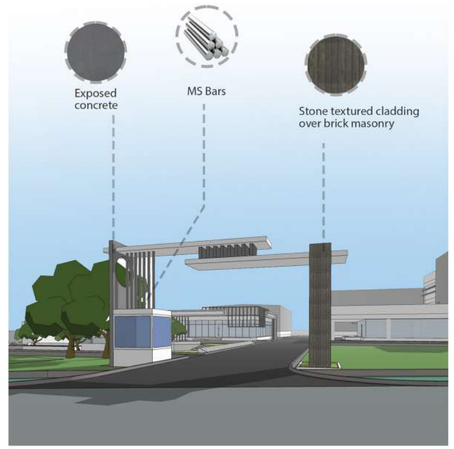


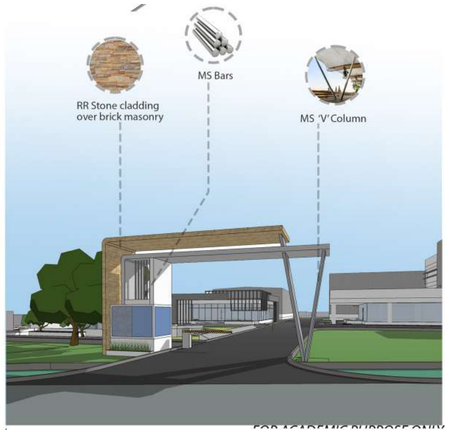
Elevation design for cafeteria and the admin building was proposed with horizontal and vertical metal members to give an elegant look from the entry. The vertical members continue till the admin building unifying the elevation

Scope of work & contribution

Designing 2 options for elevation.

Developing development model for presentation





FOR ACADEMIC PURPOSE ONLY

Site Observation Report

SITE OBSERVATION REPORT : 23rd September 2022

Discipline: Civil Strl. & Site Infrastructure Works

Observation No.1

honeycomb issue and area has been plastered

Observation No.2

Error in termination of the top bar.

Observation No.3

Double shuttering :
Mis-alignment at the centre

Observation No.4

Mis-alignment of Plinth beam and column, Extension from alignment bulge in the plinth beam.

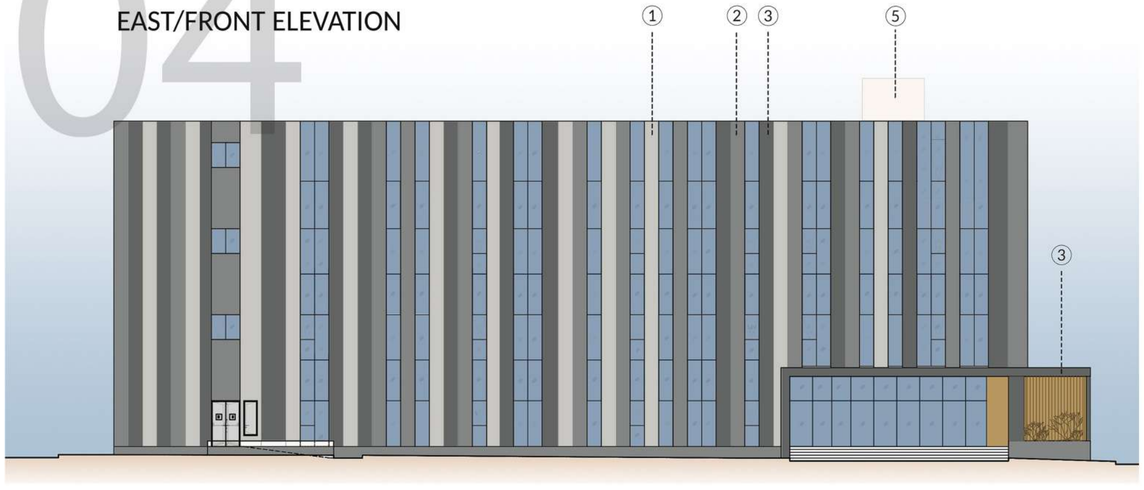
Observation No.5

Observation No.6

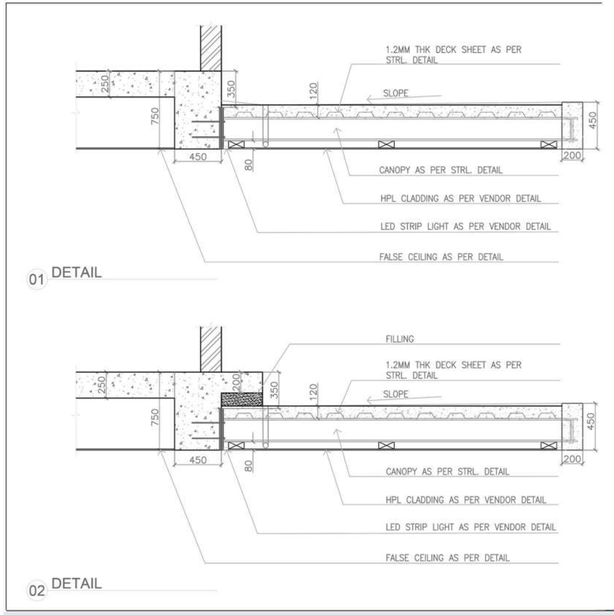
Reinforcement rusting,
suitable treatment to be done

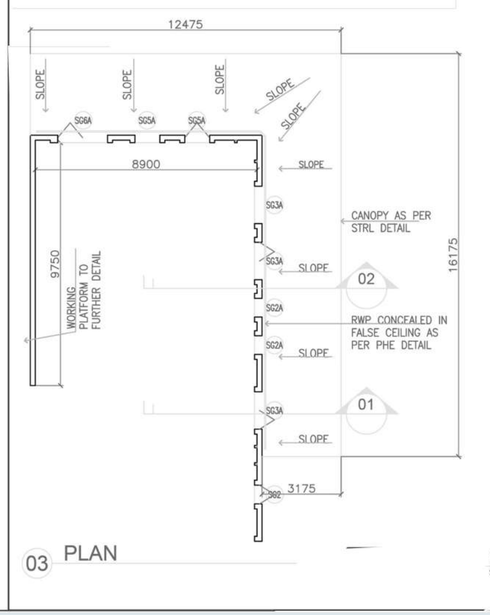
04

EAST/FRONT ELEVATION



NORTH ELEVATION

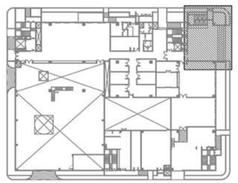




The main entrance canopy is designed with special set o details unlike any typical cantiliver structure

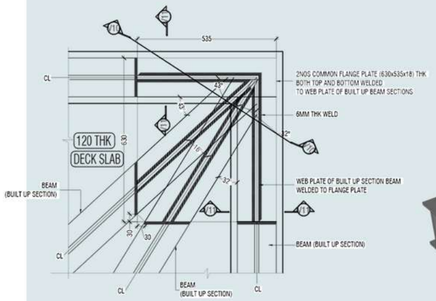
To resist the depth of beamfor a large span cantiliver, the canopy is designed as a composite structure using builtup | Beam/Section.

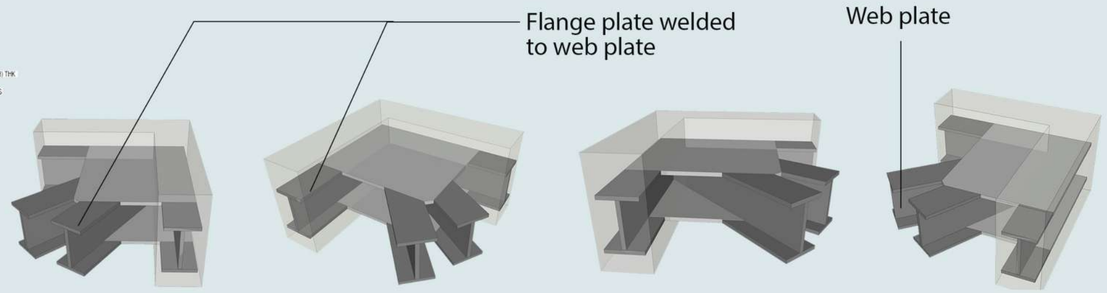
Composite section of MS & Concrete is designed to give seamless concrete finish to the facade.



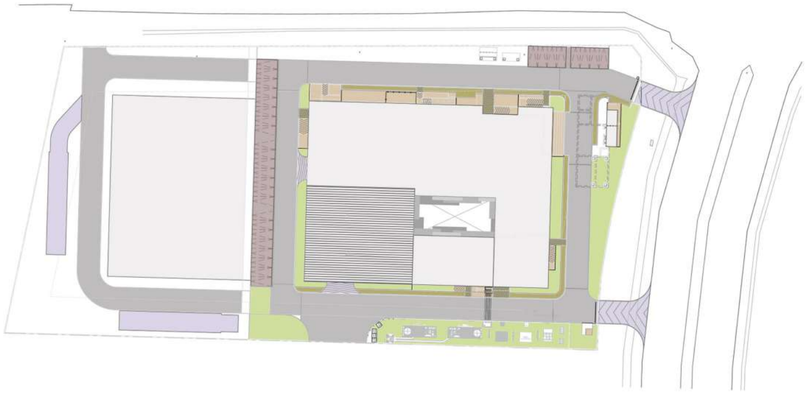
KEY PLAN
SCALE: NTS

DETAIL AT A





Canopy design & detail, Land-use Analysis



Land-use Analysis

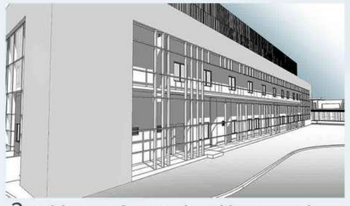
Land use analysis in a project a means of broadly classifying how land is used. Each type of use has its own characteristic that can determine compatibility, location and preference to other land uses in an area. It helps in analysing the total area and the percentage of a space in the master plan.

S.No.	DESCRIPTION	AREA (Sq.Mt.)	%
1	BUILDING COVERAGE	2874.39	23.68%
2	BUILDING ENTRANCES	302.96	2.50%
3	ROAD AREA	1906.43	15.70%
4	FOOTPATH	334.06	2.75%
5	SURFACE PARKING	439.96	3.62%
6	TRANSFORMER / DG YARD	346.26	2.85%
7	STP / ETP AREA	26.20	0.22%
8	FUTURE BUILDING COVERAGE	1813.19	14.93%
9	FUTURE ROAD	920.94	7.59%
10	FUTURE RAMP	358.39	2.95%
11	COMPOUND WALL	132.70	1.09%
12	LANDSCAPE AREA	2685.52	22.12%
	TOTAL	**12141.00**	**100.00%**

05

Designing the elevation based on the conceptual sketches.
Developing 3D and views for approval.
Researching and trying different alternatives as facade envelopes.

1. Bare elevation

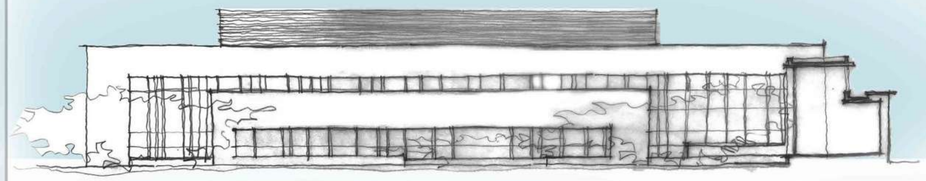


2. Addition of vertical and horizontal MS mullions as support members.

3. Placing tensile fabric as elevation element regulating the climatic characteristics

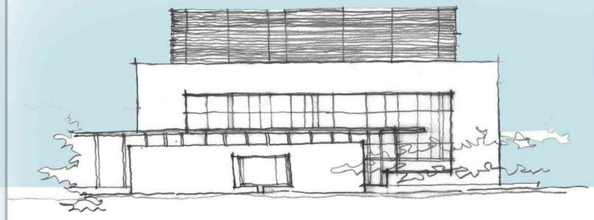
ELEVATION DESIGN

Conceptual sketches

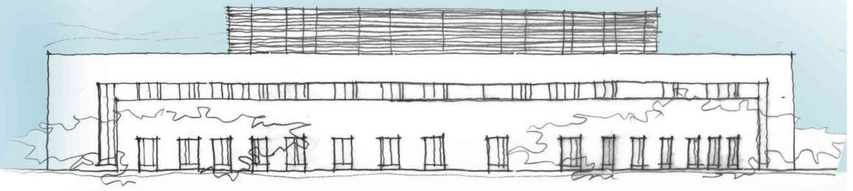


East elevation

Elevation behaves as an integral design element in an R&D project. The challanges like safety and security considering the confidentiality becomes an integral part, giving room for aesthetically appealing facade.

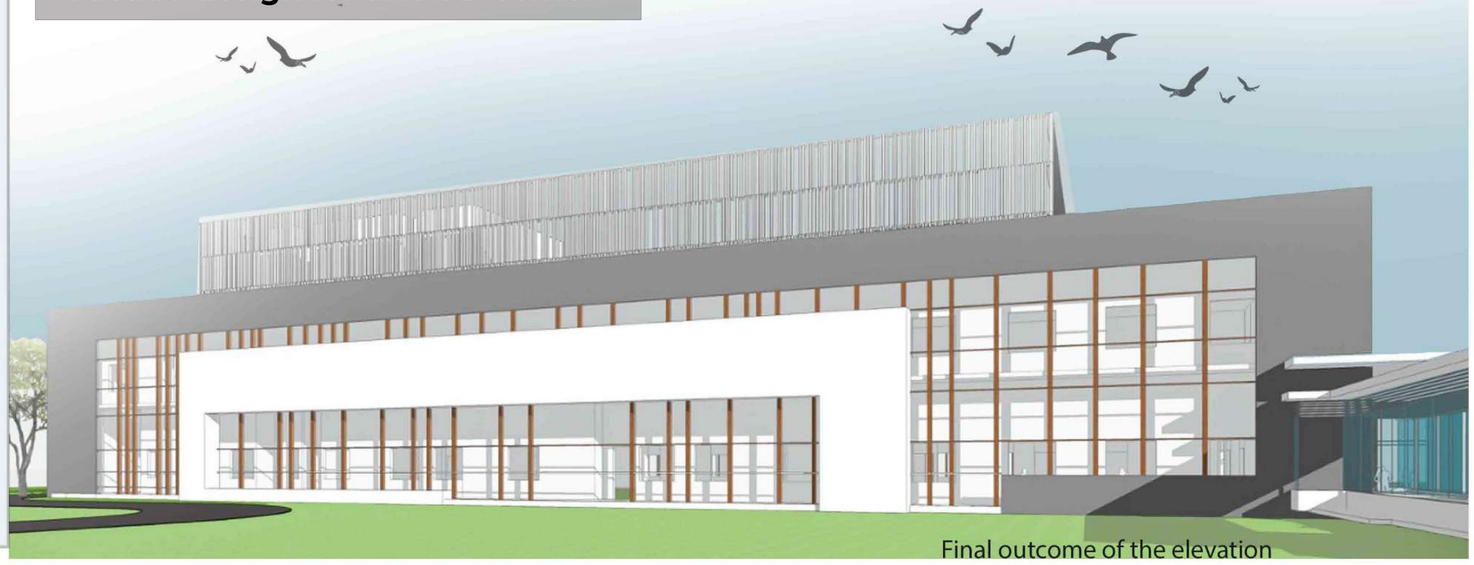


North Elevation



West Elevation

Facade design for an R&D center



Final outcome of the elevation

OPTION 1

Tensile Fabric

Thermal Protection
Blocks upto 80% of sun's heat

Durability

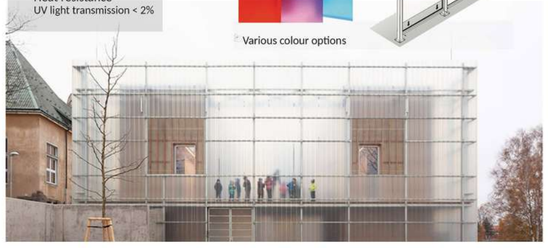
Visibility

OPTION 2

Resin Translucent Panels

Lightweight & durable
Flame resistance
Optical clarity
Heat resistance
UV light transmission < 2%

Various colour options

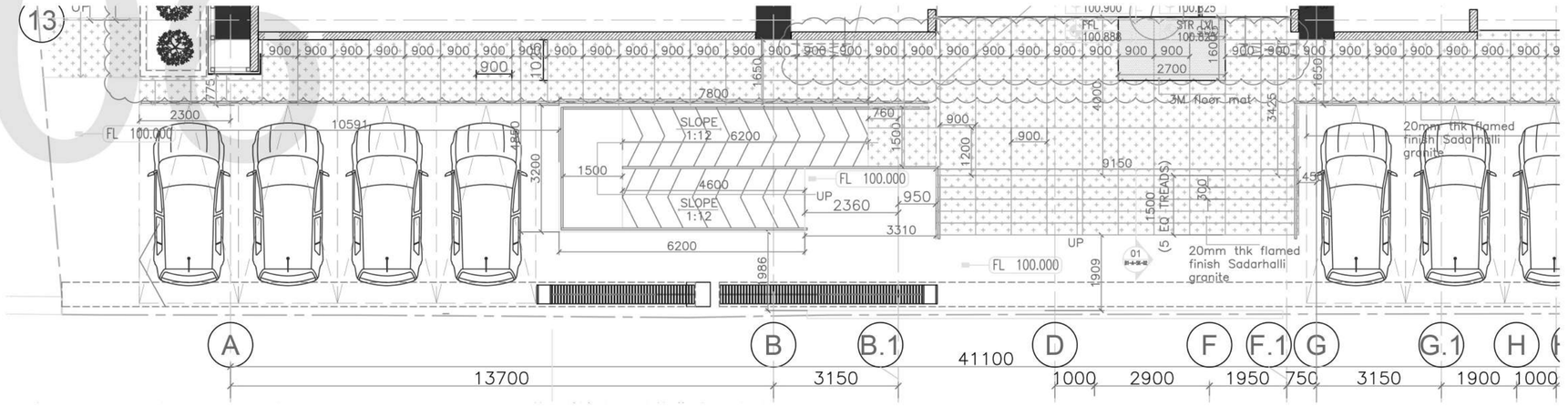


OPTION 3

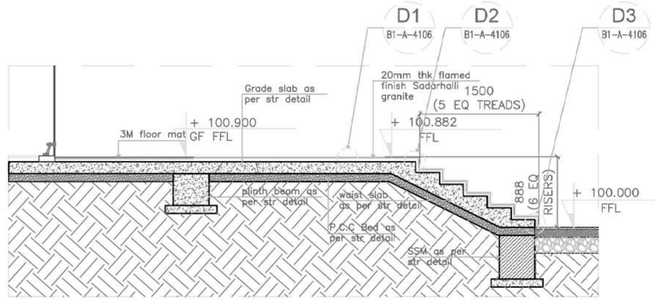
Aluminium Z-Louvers

Adjustable
Natural ventilation
Louvers are easy to clean
Controllable environment

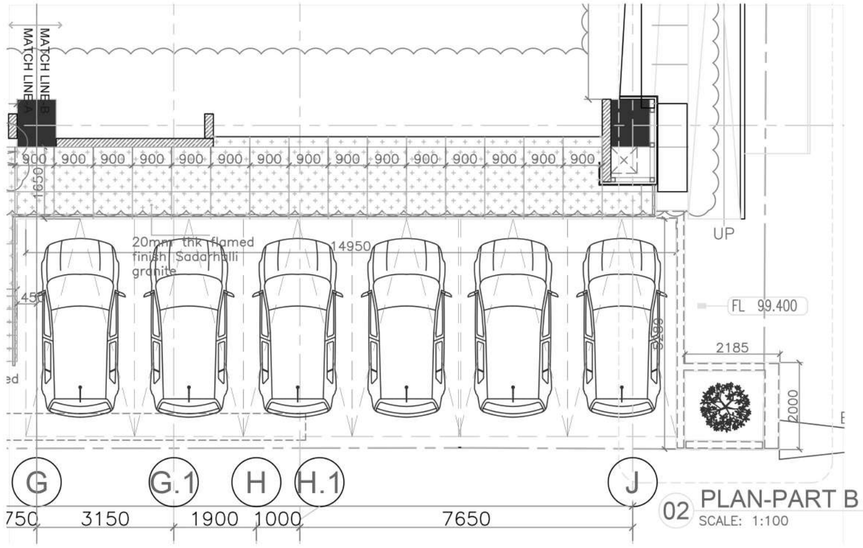
Entry design & detailed drawings



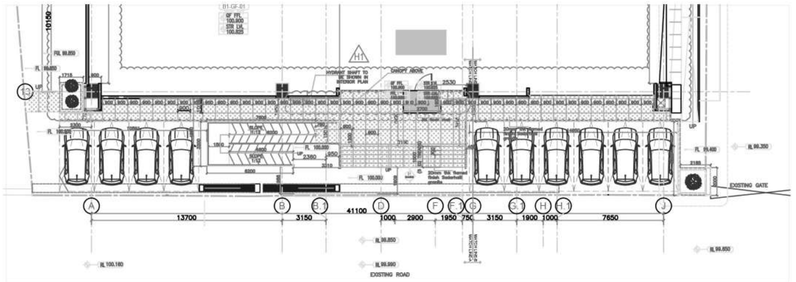
01 PLAN-PART A
SCALE: 1:100



01 SECTION
SCALE: 1:50



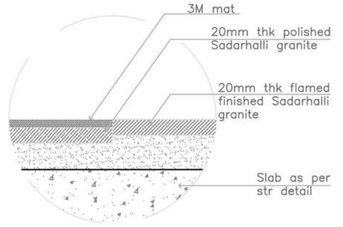
02 PLAN-PART B
SCALE: 1:100



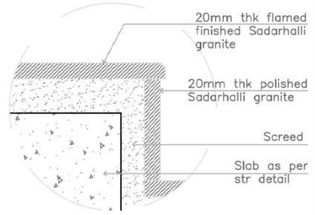
KEY PLAN
SCALE: NTS

Scope of work & contribution

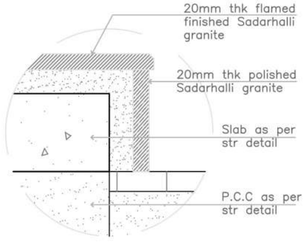
Changing the entrance design, parking according to the reference image.
Updating the plan of North wall according to reference elevation.
Updating tile layout & railing.



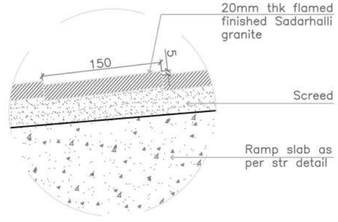
D1 DETAIL
SCALE: 1:5



D2 DETAIL
SCALE: 1:5



D3 DETAIL
SCALE: 1:5



06 TYPICAL RAMP DETAIL
SCALE: 1:5

Shvasa - The Nature’s Hospice

A Hollistic Hospice center

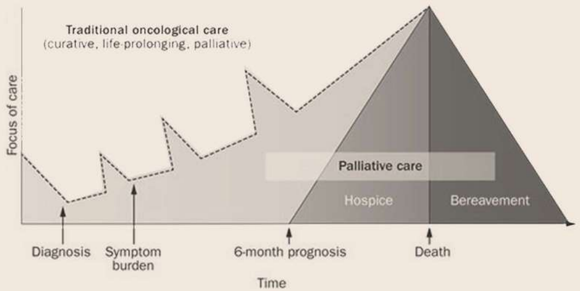
10th Semester | Thesis
2022-2023
Tirupathi, Andhra Pradesh

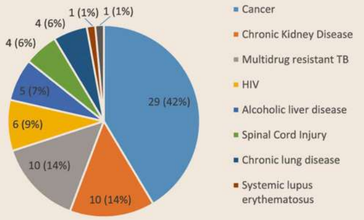
A terminal illness is a medical condition that cannot be cured and is expected to result in the patient's eventual passing. Providing care and support for individuals with terminal illnesses is a challenging task, and specialized facilities like hospice centers have emerged to provide comfort, dignity, and ***quality of life*** to patients and their families.

Due to ***lack of awareness*** about palliative hospice care, there rises a need to promote and encour being said, there is a requirement of an appropriate built environment that, contrasting to healthcare infrastructure, uplifts the spirits of terminally ill patients.

Shvasa aims in a holistic well-being of the users at the end of their life in reducing the mental stress and giving them quality time and ***dignity in death*** towards the end.

Need for a Hospice center in India



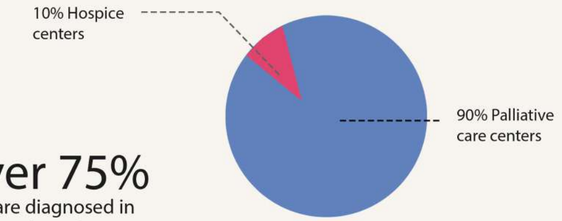


Fatal diseases' share in India

- W.H.O

India stands **3rd** in the world in exponential growth of cancer patients every year.

- W.H.O



Palliative care centers vs Hospice centers in India

Reported cancer cases per year

World scenario

19.3 Million cases

10 Million deaths

Indian scenario

1.3 Million cases

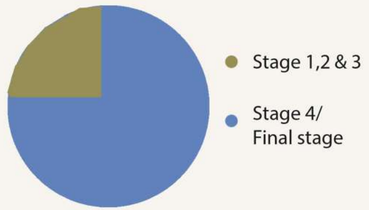
8.5 Lakh deaths

- I.A.R.C

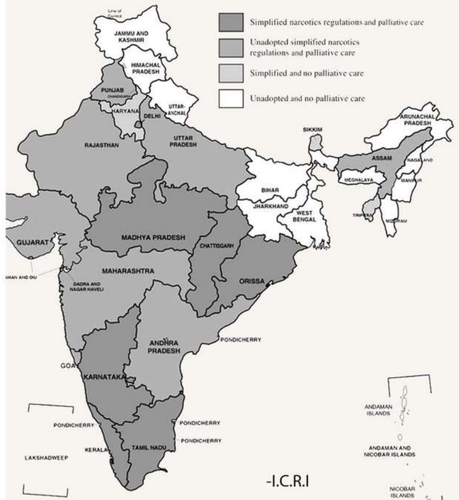
Over 75%

cases are diagnosed in stage 4, where there is only 10% chance of surviving

-I.C.R.I



Stage-wise Cancer detection in India



-I.C.R.I

Availability of Palliative care

State/union territory	Services (n)	Ratio of service to population 1:000s	Inpatient services (n) Hospice	Inpatient services (n) Hospital	Outpatient services (n) Home care	Outpatient services (n) Day care/clinic
Andhra Pradesh	3	25,403	1			2
Assam	5	5,331			4	5
Chandigarh	1	225	2	1	1	1
Goa	1	1,347	1			
Gujarat	3	16,890	1	1		2
Karnataka	5	10,570	2	2	2	4
Kerala (by district)						
Alappuzha	2		1		1	1
Calicut	16			1	13	13
Ernakulam	5		2	3	3	5
Idukki	3		1		2	2
Kannur	4			1	3	4
Kollam	1					1
Kottayam	3		2		1	2
Malappuram	20				20	20
Palakkad	5				4	5
Thrissur	5				5	5
Trivandrum	9		3	1	2	5
Wynad	11				11	8
Total	*83*	*364*	*9*	*6*	*65*	*71*
Madhya Pradesh	6	10,064		3	3	6
Maharashtra	5	19,370	2	1	4	4
New Delhi	3	4,617	1		2	2
Orissa	1	35,805		1	1	1
Punjab	1	24,358				1
Rajasthan	5	11,301	1	2		4
Tamil Nadu	12	5,200	4	5	6	7
Uttar Pradesh	1	168,196				1
West Bengal	1	80,176			1	1
Total	139		24	22	89	112

Notes: Ratio 1:000s population based on India 2001 Census (www.censusindia.net); states/union territories in India without identified palliative care provision: Andaman and Nicobar Islands, Arunachal Pradesh, Bihar, Chhattisgarh, Dadra and Nagar Haveli, Daman and Diu, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Lakshadweep, Manipur, Meghalaya, Mizoram, Nagaland, Pondicherry, Sikkim, Tripura, Uttaranchal

Source: McDermott, E., Selman, L., Wright, R. and Clarke, D. (2008), "Hospice and palliative care development in India: a multimethod review of services and experiences", *Journal of Pain and Symptom Management*, Vol. 35 No. 6, p. 586

The proposed site is strategically located near the foothills of Hill of Sri Venkateswara Temple, one of the most visited religious sites in the world, making it accessible to both locals and pilgrims from all over the world. The site is also surrounded by lush green forests and scenic hills, providing a serene and tranquil environment for patients and their families.

The hospice center is designed to blend in with the natural surroundings, providing patients with a comfortable and calming atmosphere to aid in their physical and emotional well-being. The center will offer palliative care services, including pain and symptom management, psychological and spiritual support, and end-of-life care.

WHY TIRUPATHI?

DISTANT FROM URBAN CRUX

AWARENESS ABOUT THE REGION

NATURE RICH CONTEXT

ACCESS THROUGH VARIOUS MODES OF TRANSPORT

RELAXING & TRANQUIL VIEWS

CONNECTIVITY FROM MAJOR CITIES & RURAL AREAS

Districts	No.
Anantapur	8,121
Chittoor	12,247
E Godavari	18,433
Guntur	18,110
Krishna	7,133
Kurnool	9,275
Nellore	7,197
Prakasam	10,142
Srikakulam	6,292
Visakhapatnam	10,124
Vizianagaram	6,273
West Godavari	12,260
YSR Kadapa	5,738
Total	1,31,945

The Global Burden Disease study predicts that the State will witness a **132%** increase in the number of cancer patients by 2030 from that in 2021

-~ US-based Health Effect Institute (HEI)

75% of these cases are in terminal stage

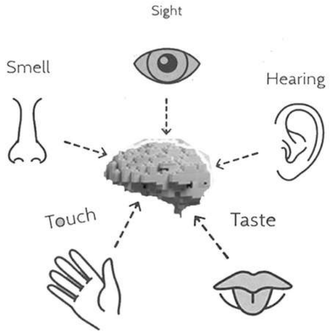
-~ Indian Express(30 June, 2022)

Andhra Pradesh government will develop Tirupati as cancer care Hub: Health Minister

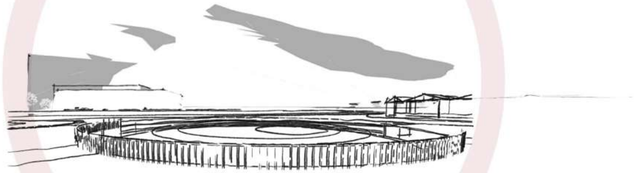
Balaji Institute of Oncology, a state-of-the-art cancer centre, will be set up in the temple city soon, says V. Rajini while speaking at a workshop on 'Breast Cancer Continuum Care'

November 16, 2022 09:28 pm | Updated November 17, 2022 01:16 am IST – CHITTOOR

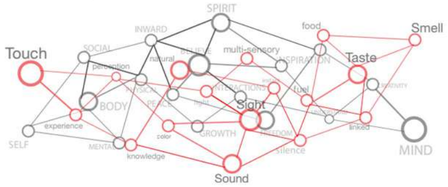
THE HINDU



Sound
The major part of the sensory garden is the water fountain which can be adjusted in speed to regulate the calming sound that can be heard to the individual accommodations



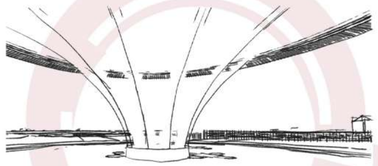
The Sensory Oasis

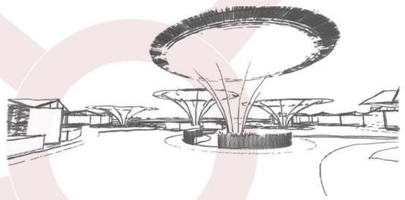


The senses are our primary means of experiencing and interacting with the world around us. As such, designing hospice centers with the senses in mind can have a significant impact on patient well-being.

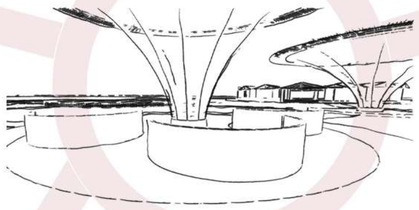
Taste
This part of the space consists of cafeteria and kitchen which resembles the calming down effect of taste receptor

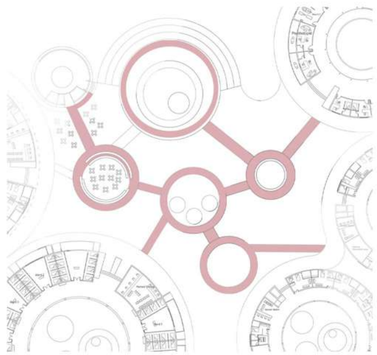
Touch
Touch receptor gets activated in this part of the garden where theres id open fish spa and also different touch-friendly materials that calm the users.



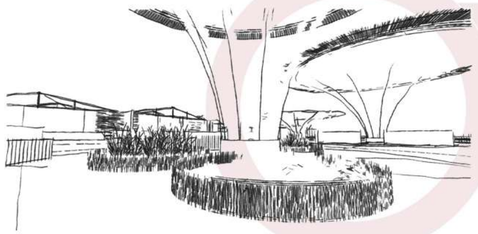


Sight
The visual garden gives exposure to the users to the aesthetic scenic views of nature present in and around the site , with hill and the frest cover.

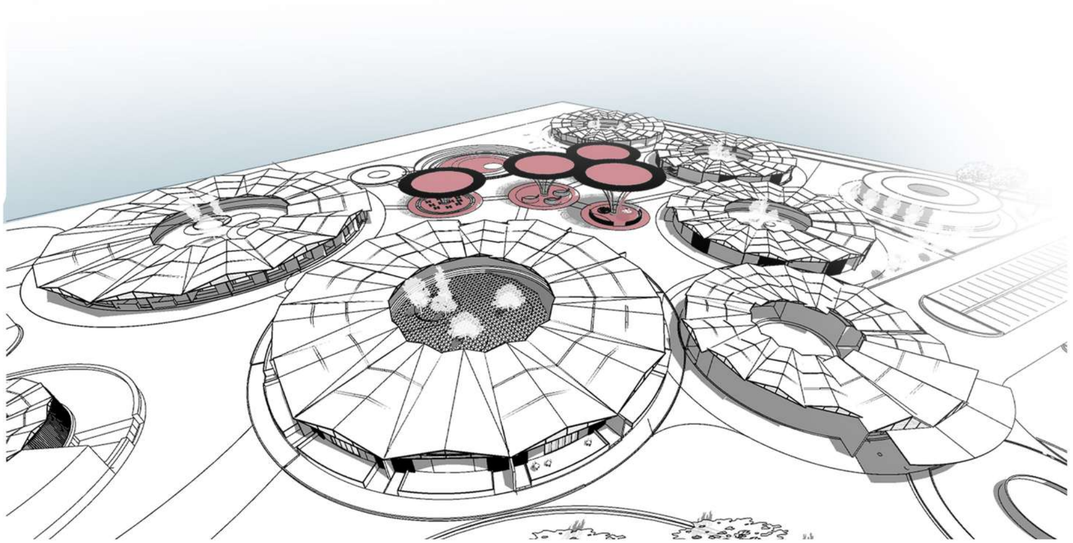




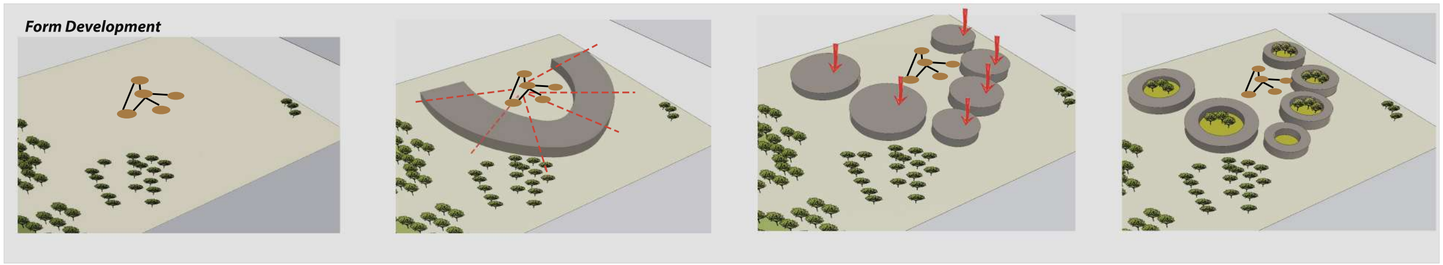
Smell
The aromatic garden consist of different aromatic plants the mint, basil, etc that purifies the air and proven to remove negative energy from the surroundings

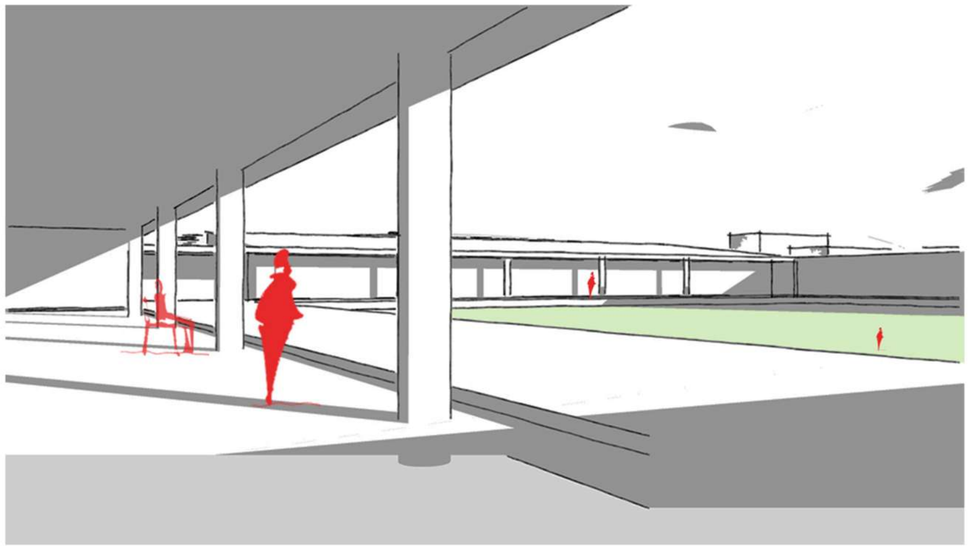


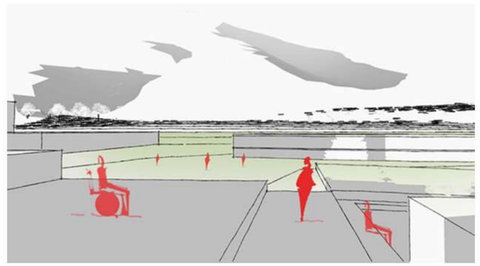
Derivation of sensory connection

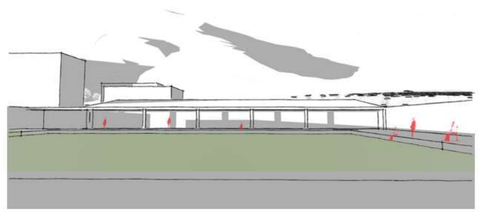


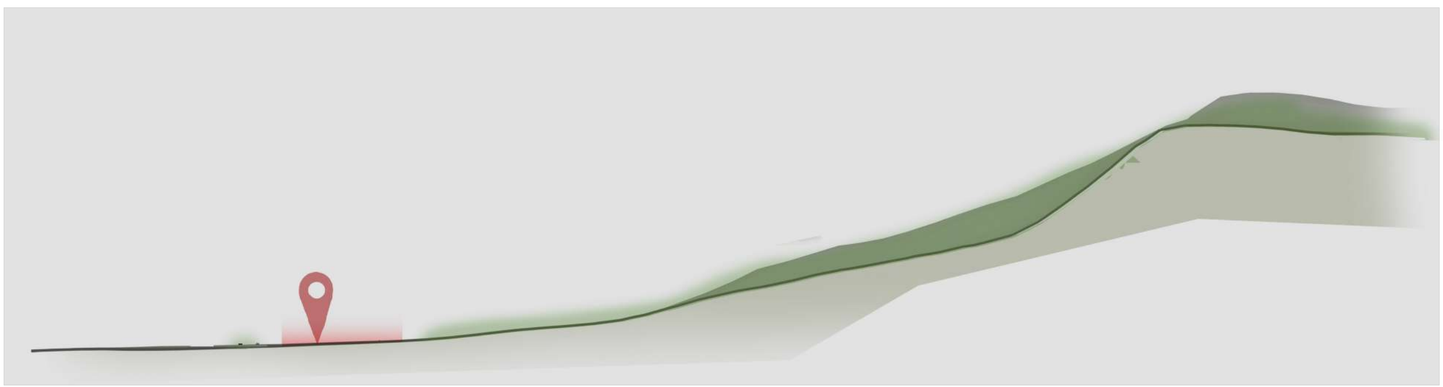
The senses are our primary means of experiencing and interacting with the world around us. As such, designing hospice centers with the senses in mind can have a significant impact on patient well-being. The sensory garden forms as an important feature in the Hospice, where all the 5 senses related to human body are activated, forming the main focus for any user.



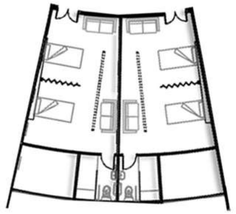


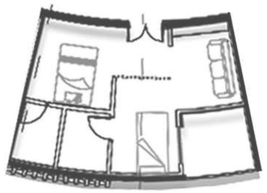




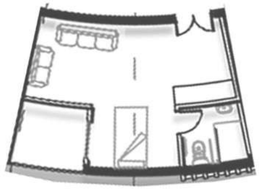


The Accommodation blocks have the courtyards within them with aromatic plants and trees like Red Sandal, Neem that are proven to remove the mental stress from the body where all the rooms have the access to nature either visually of audially.





Option 1



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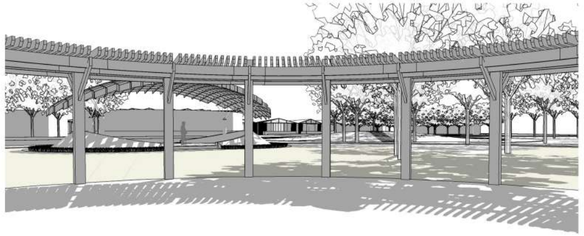
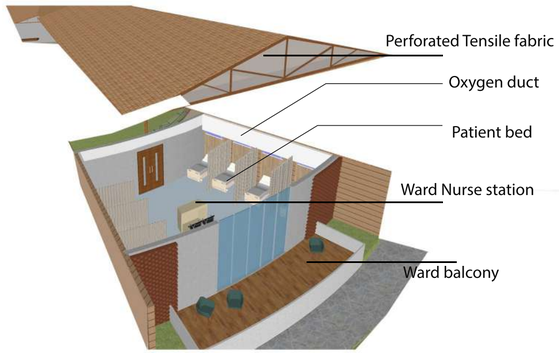
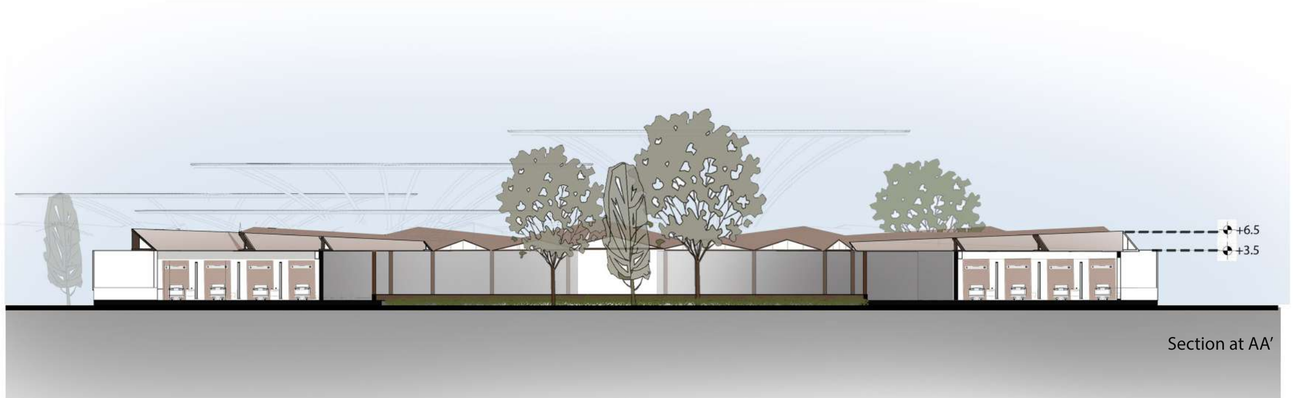
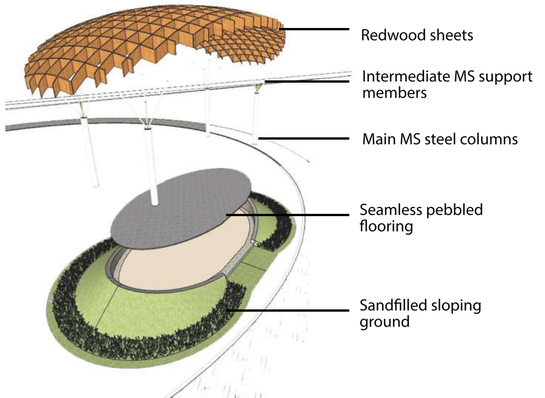
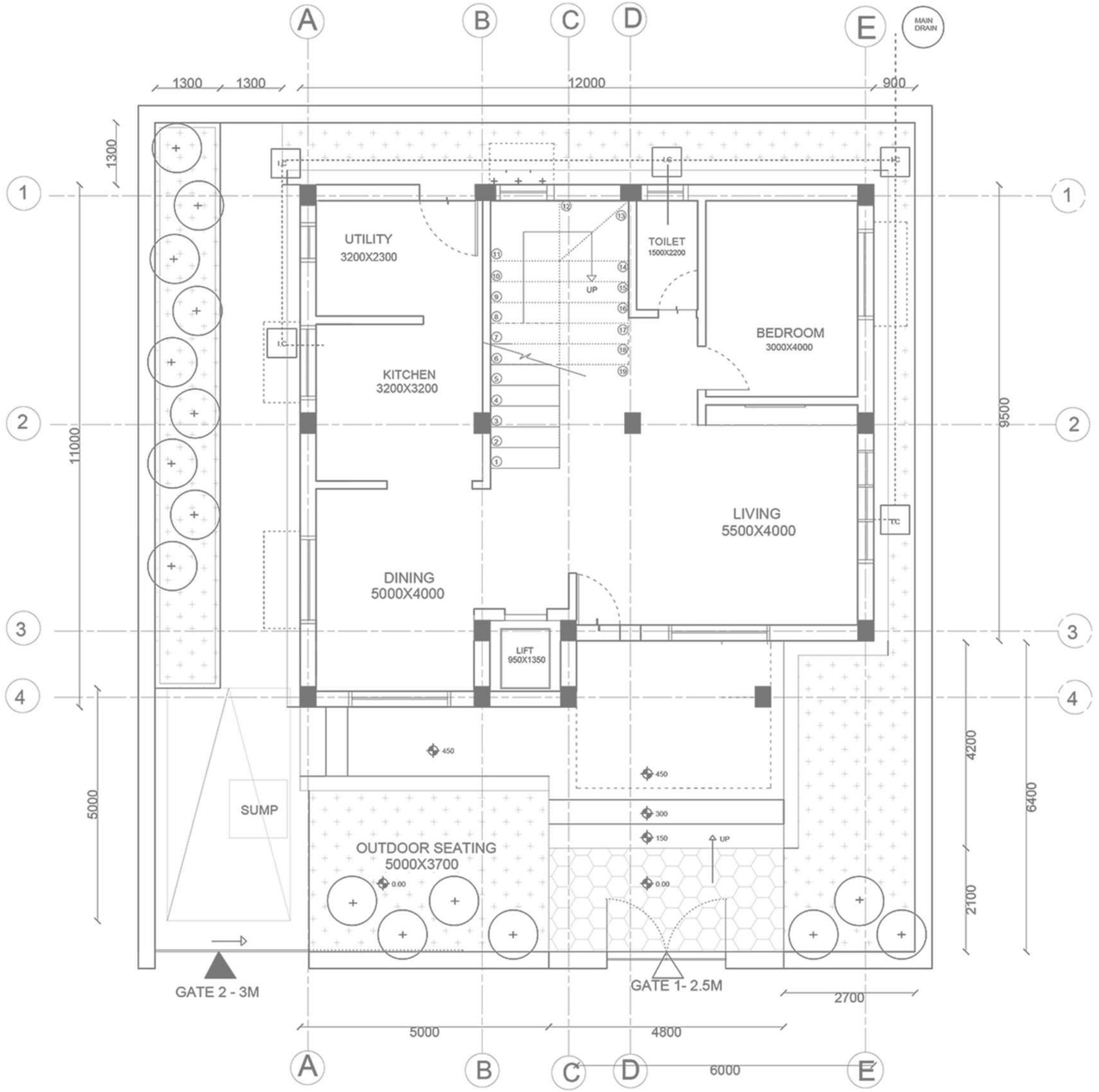










Working Drawing

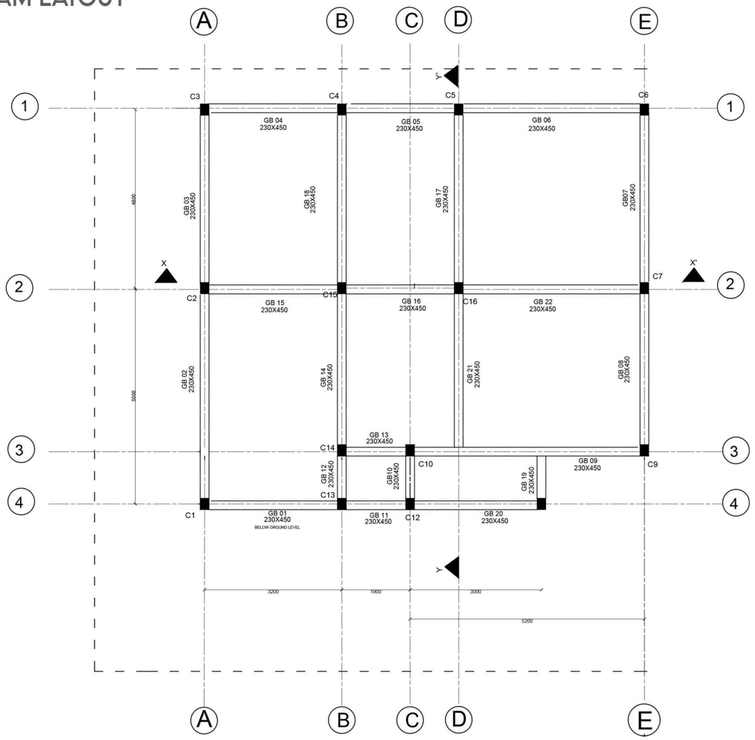
5th & 6th semester
Prof. Shobha, Prof. Maithily
2020-2021

During Semester V and VI studios, the primary focus was on refining drawing skills, particularly in relation to working drawings. Working drawings encompass graphic details that are crucial for contractors in the construction process. Their main purpose is to transform design data into construction information and effectively communicate it to the construction team. In this studio, we utilized a residential building that we designed as a foundation, creating comprehensive technical drawings for it.

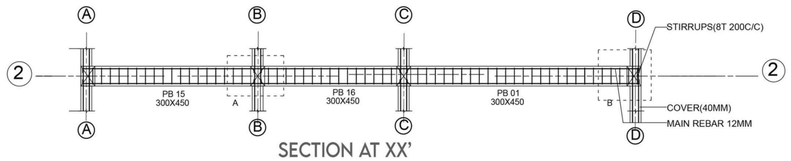
The course covered the fundamental principles of representation, emphasizing the use of weights and hatches. The curriculum included various aspects such as grid plans, setting out plans, excavation plans, sections, elevations, schedules of openings, kitchen layouts, staircase details, lift details, and compound wall details. The process began with drawing the floor layout, incorporating columns to ensure accuracy and stability.

Subsequently, the course focused on centerline drawing, encompassing detailed aspects like footing details, plinth beam layouts, lintel layouts, beam layouts, slab layouts, electrical drawings, and water supply and drainage layouts. The provided folio showcases a selection of the aforementioned drawings, serving as a representation of my comprehension and proficiency in these areas.

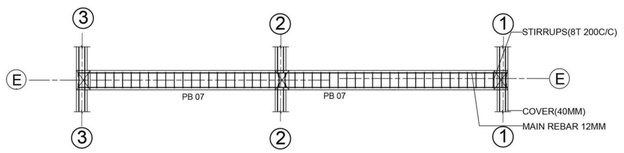
BEAM LAYOUT



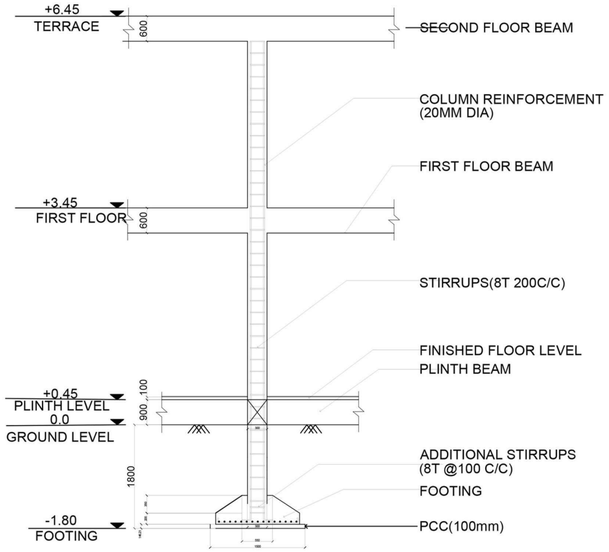
PLAN



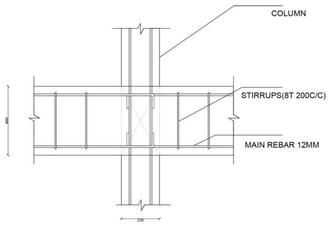
SECTION AT XX'



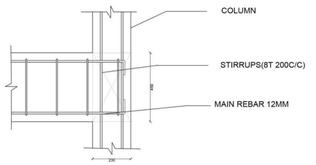
SECTION AT YY'



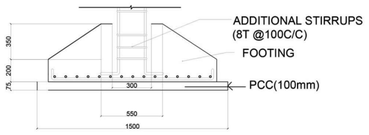
SECTION ALONG COLUMN



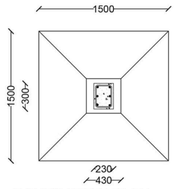
DETAIL AT A



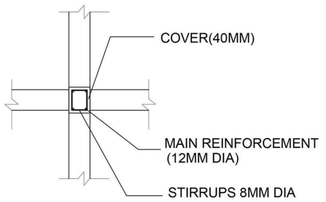
DETAIL AT B



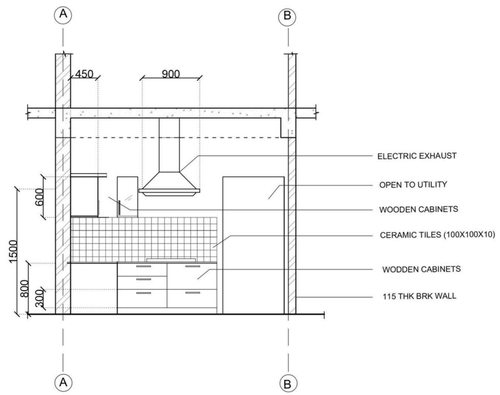
DETAIL AT FOUNDATION



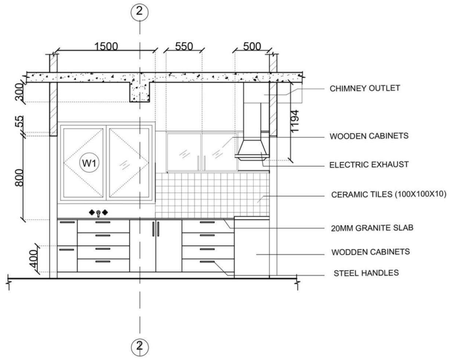
FOUNDATION PLAN



PLAN



SECTION ALONG YY'



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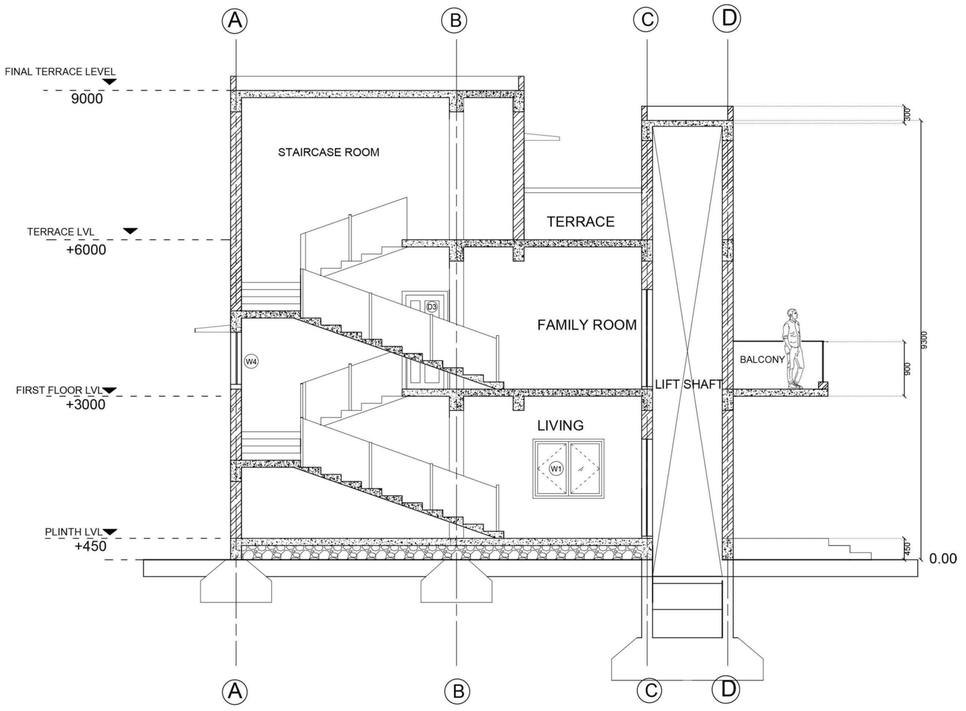

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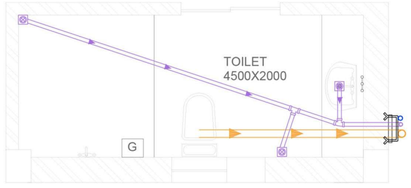
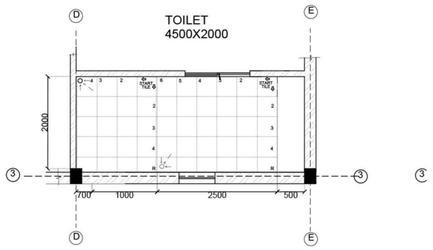


DRAINAGE DETAIL

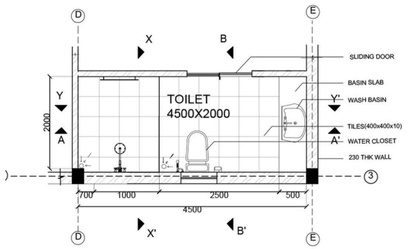
WATER SUPPLY DETAIL

LEGEND

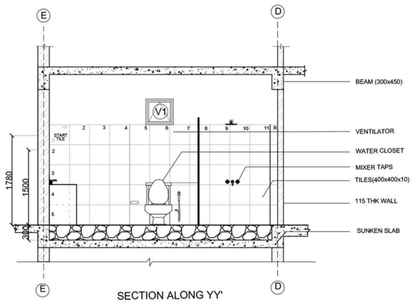
SYMBOL	NAME
	50mm WASTE WATER UPVC PIPE (GREY WATER)
	110mm WASTE SOIL UPVC PIPE (BLACK WATER)
	75mm RAIN WATER UPVC PIPE (STORM WATER)
IC REMOVE	INSPECTION CHAMBER (600X600)
GT 300X300	GULLY TRAP (300X300)
SYMBOL	NAME
	30mm COLD WATER UPVC PIPE
	30mm HOT WATER UPVC PIPE
	30mm UPVC FOR PUMPING WATER



TILE DRAWING



PLAN



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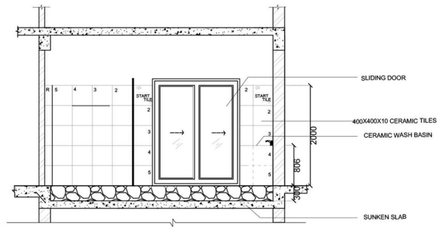
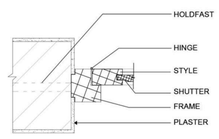
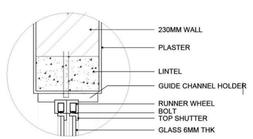


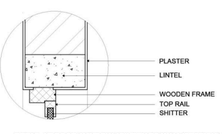
SECTION ALONG AA"



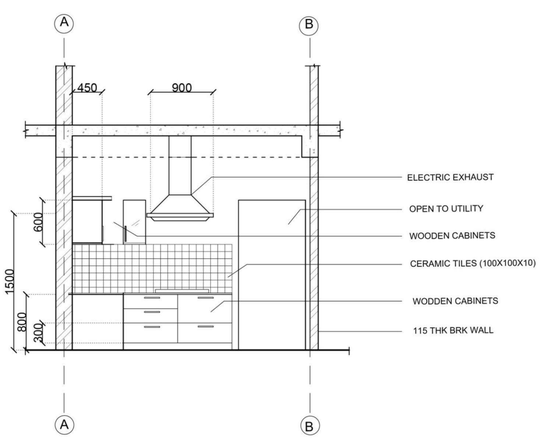
DETAIL AT DOOR, WINDOW JOINERY TO WALL(PLAN)



DETAIL AT SLIDING DOOR JOINERY



DETAIL AT DOOR, WINDOW JOINERY TO WALL(SECTION)



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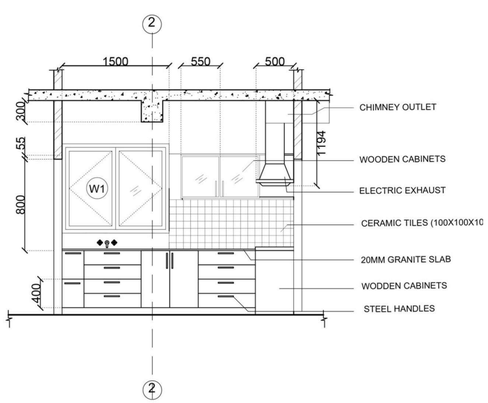

SECTION ALONG XX'

THANK YOU

V Aakash

2018-23

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