



# MY PORTFOLIO

JOEL PRINCE | MASAP

## PROFILE

NAME : JOEL PRINCE

DOB : 04 / 02 / 1998

NATIONALITY : INDIAN

FATHER : PRINCE .P. SKARIA

MOTHER : BABY PRINCE

## CONTACT

ADDRESS : PANNICOTTU (H)  
MEENADOM .P.O  
KOTTAYAM

PINCODE : 686516

PHONE : 9747713713

EMAIL ID : joelprince1998@gmail.com

1998

BORN ON 04 / 02 / 1998  
IN KOTTAYAM

2014

PASSED 10TH CBSE BOARD  
EXAM WITH 85%

2016

PASSED 12TH BOARD EXAM WITH 86%.  
JOINED B-ARCH IN MANGALAM  
SCHOOL OF ARCHITECTURE AND  
PLANNING, KOTTAYAM

2019

PURSUING MY 7TH SEMESTER IN  
MANGALAM SCHOOL OF  
ARCHITECTURE AND PLANNING,  
KOTTAYAM

## LANGUAGES

MALAYALAM  
ENGLISH  
HINDI  
TAMIL

## INTERESTS



## SOFTWARE SKILLS



AUTOCAD



REVIT



SKETCHUP



V-RAY



LUMION



KEYSHOT



KERKYTHEA



PHOTOSHOP



ILLUSTRATOR



INDESIGN



MS OFFICE

## ACHIEVEMENTS

ANDC 2018 SHORTLISTED ENTRY  
CONVENTION TROPHY 2018 SHORTLISTED ENTRY



CURRICULAM VITAE





**01**  
INTERNSHIP WORKS

**02**  
KIOSK DESIGN



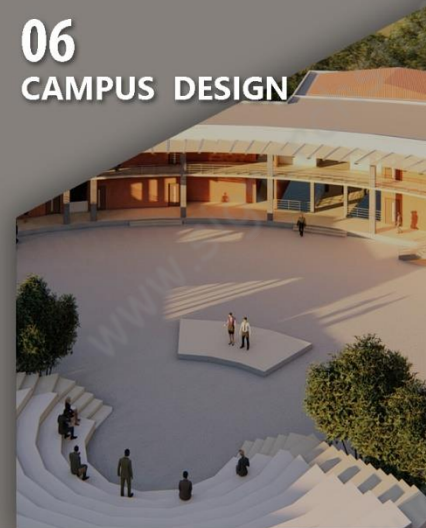
**03**  
KINDERGARTEN  
& DAYCARE DESIGN

**04**  
RESIDENCE DESIGN



**05**  
HOSPITAL DESIGN

**06**  
CAMPUS DESIGN



**07**  
BASIC DESIGN  
+  
PHOTOGRAPHY  
+  
OTHER WORKS

**CONTENTS**





# 01 INTERNSHIP WORKS

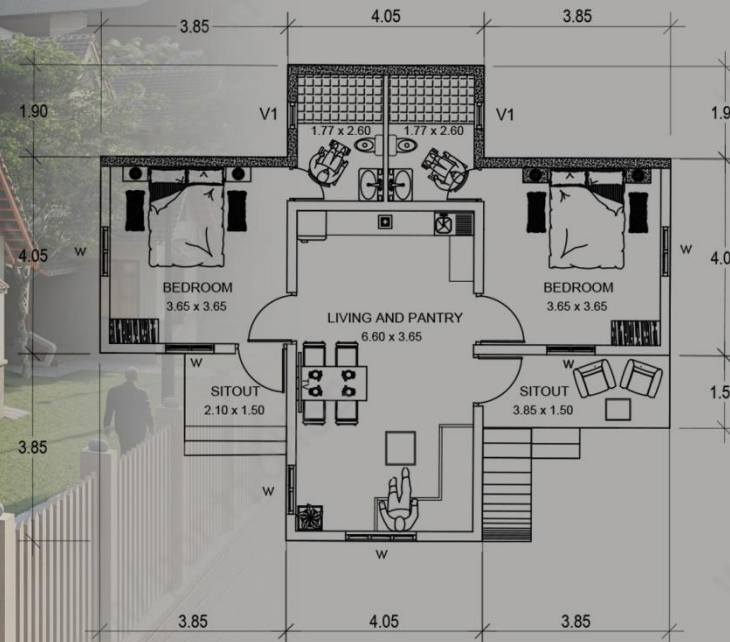
(1) RETIREMENT HOMES, KOTTAYAM  
(2) RESIDENCE DESIGN, ALAPUZHA



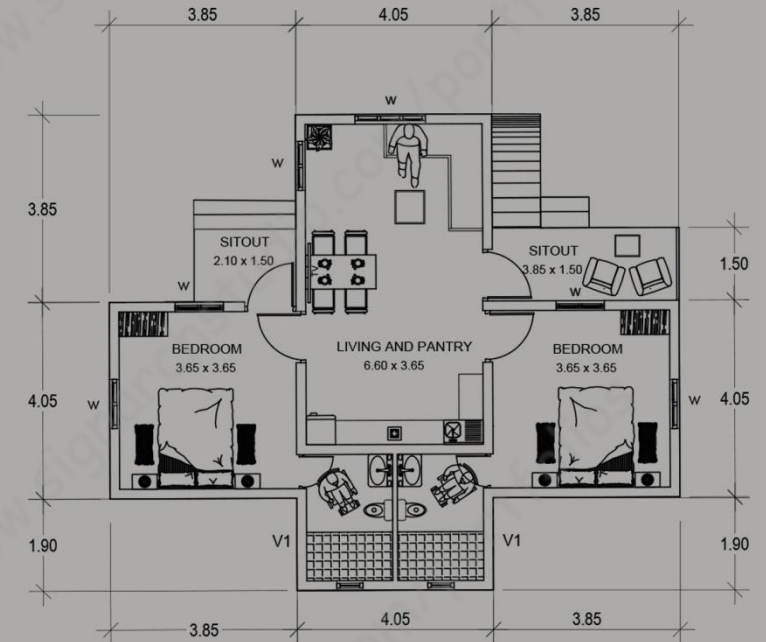
# RETIREMENT HOMES, KOTTAYAM



GOLDEN YEARS IS A LUXURY RETIREMENT VILLAGE FOR SENIOR CITIZENS, NEAR KOTTAYAM TOWN DESIGNED BY LIVINGSTONE ARCHITECTS AND DESIGNERS, KADAVANTHARA, ERNAKULAM. GOLDEN YEARS OFFERS 48 EXQUISITELY CRAFTED 1 AND 2 BEDROOM BUNGALOWS AND A CLUB HOUSE, SITUATED IN A NATURE FRIENDLY LANDSCAPED GARDEN.



GROUND FLOOR

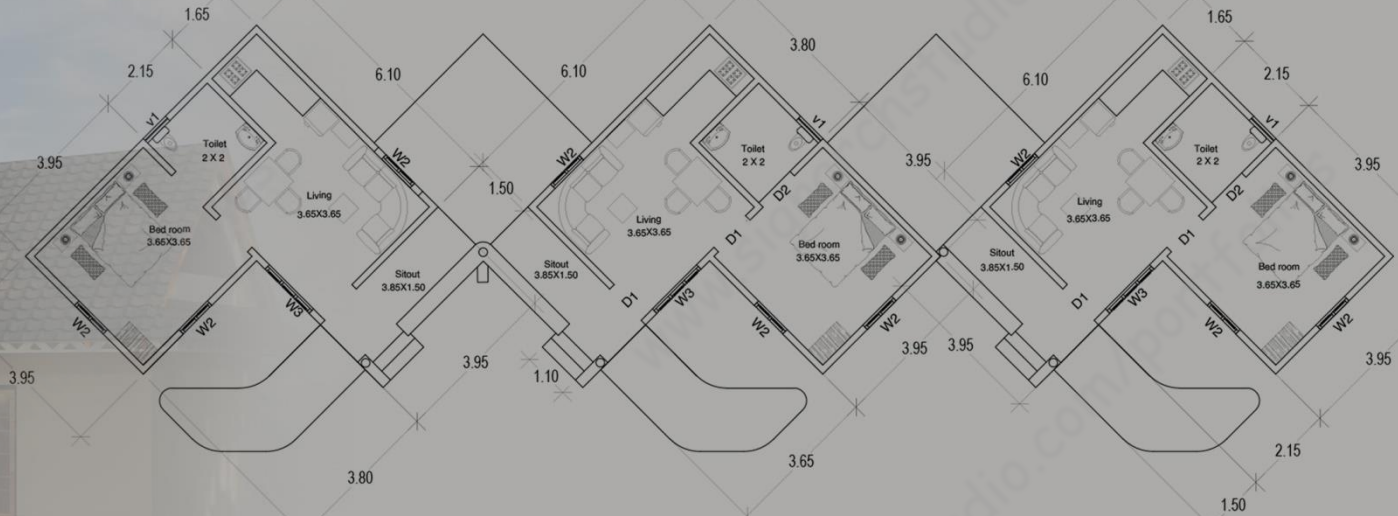


FIRST FLOOR

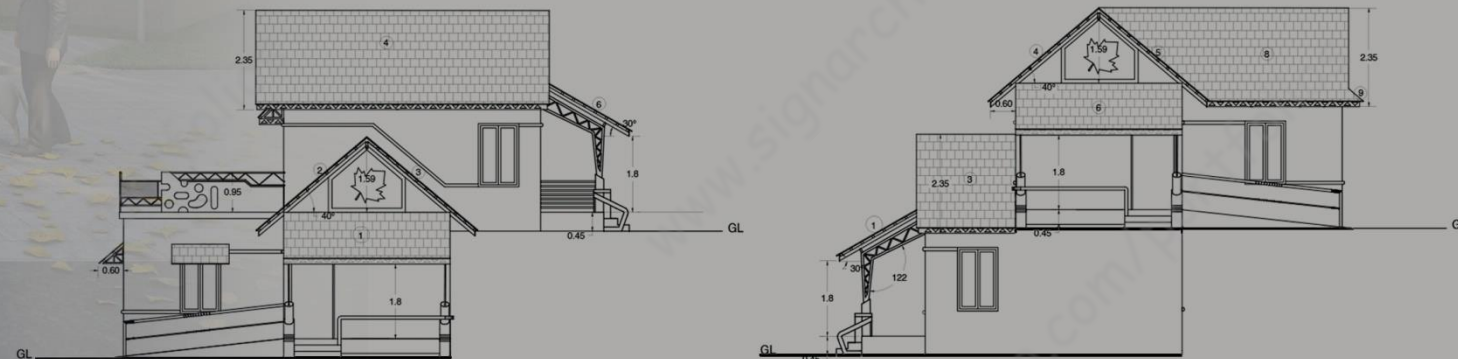
2BHK VILLAS



# RETIREMENT HOMES, KOTTAYAM



GROUND FLOOR PLAN (COMBINED BLOCK)



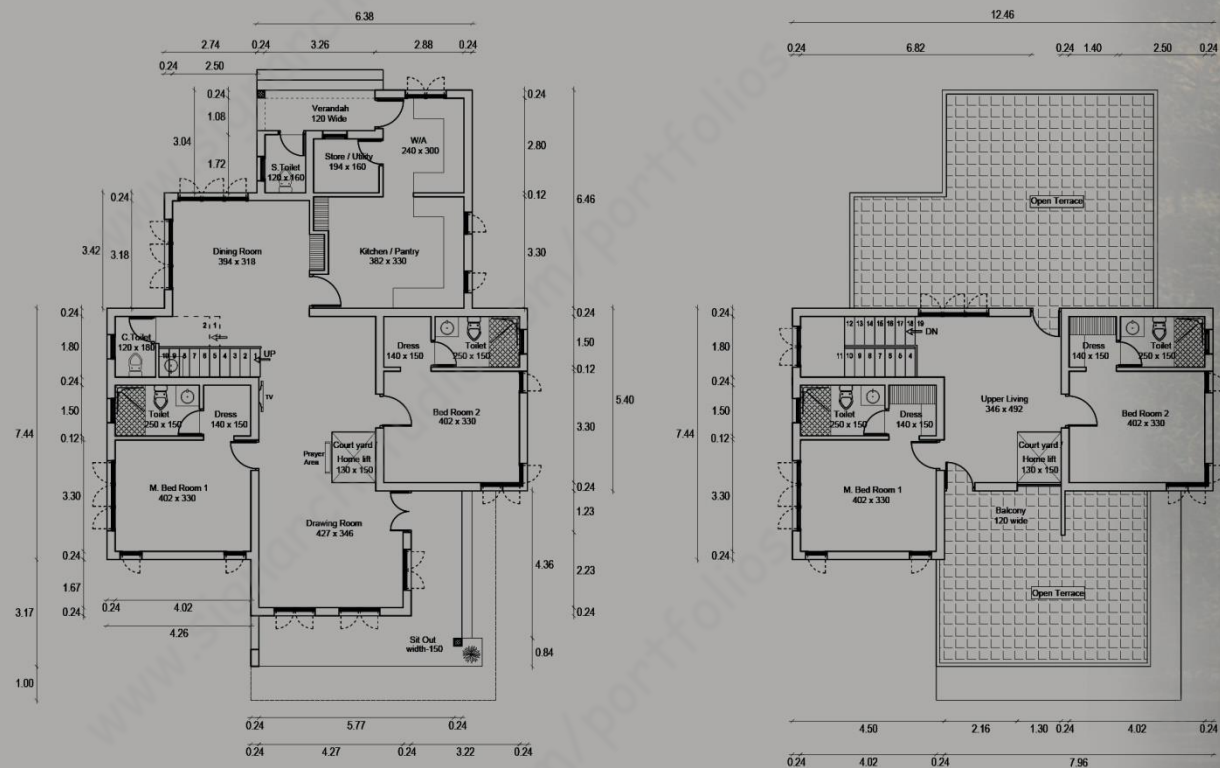
ELEVATIONS OF A SINGLE VILLA

1BHK VILLAS

Video link : <https://www.youtube.com/watch?v=dcMSQaKIsAw&t=33s>



# RESIDENCE DESIGN, ALAPUZHA



GROUND FLOOR

FIRST FLOOR





02

## KIOSK DESIGN

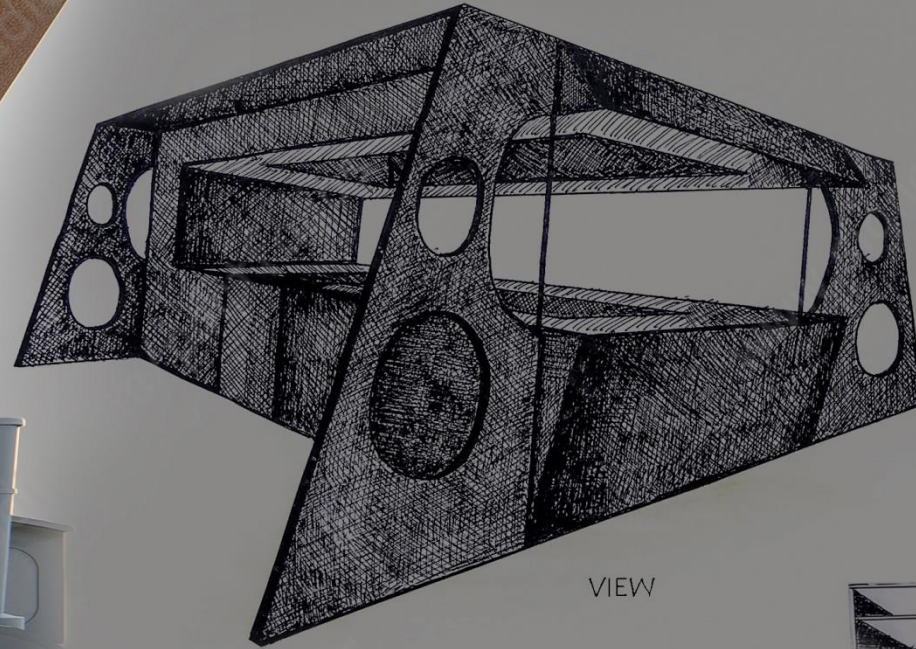
THE AIM WAS TO DESIGN A RAILWAY KIOSK.



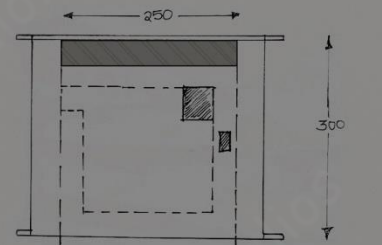


# RAILWAY KIOSK DESIGN

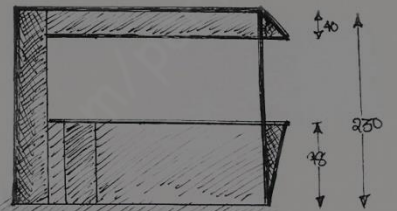
IT IS A FOOD KIOSK DESIGNED FOR A RAILWAY STATION.



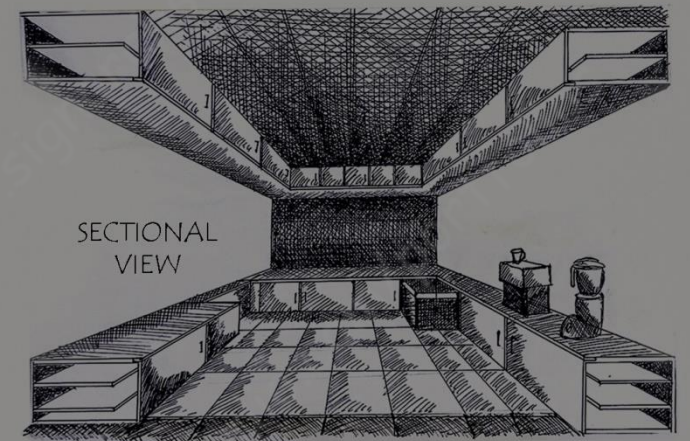
VIEW



PLAN AT 230CM



ELEVATION



SECTIONAL VIEW

IT CAN BE ACCESSED FROM ALL THE THREE SIDES EXCEPT BACKSIDE. THE BACKSIDE WALL IS THE ONLY LOAD BEARING STRUCTURE.





03

## KINDERGARTEN & DAYCARE DESIGN

THE AIM WAS TO DESIGN A KINDERGARTEN  
AND DAYCARE AT THELLAKOM, KOTTAYAM.



# KINDERGARTEN AND DAYCARE DESIGN

## CONCEPT: OPENNESS

KIDS FEEL MORE COMFORT IN OPEN SPACES THAN IN A CLOSED CLASSROOM. SO, I PROVIDE OPEN CLASSROOMS. MAIN CONCERNS OF MY DESIGN ARE :- OPEN CLASSROOMS, MULTIPURPOSE SPACES, SINGLE STOREY, PREVENTING MAXIMUM TREES ETC.



BRIDGE AND TREE CONNECTING BOTH SECTIONS

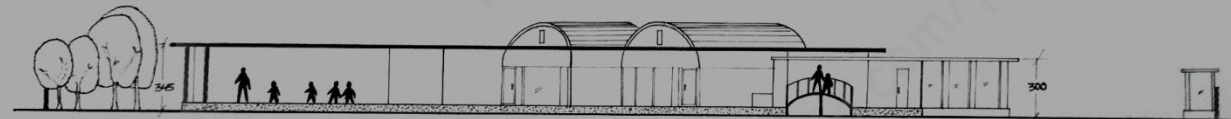
AT FIRST, I SEGREGATE THE SITE INTO DIFFERENT ZONES. ADMINISTRATION SECTION IS PLACED IN FRONT AND ACADEMIC SECTIONS TOWARDS BACK. I USE THE BRIDGE AND THE COCONUT TREE AS A CONNECTION BETWEEN THESE TWO SECTIONS.



PLAN



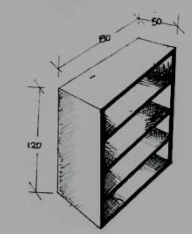
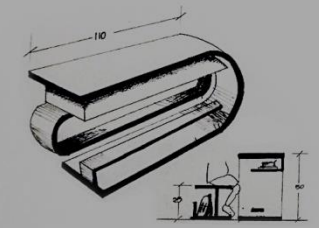
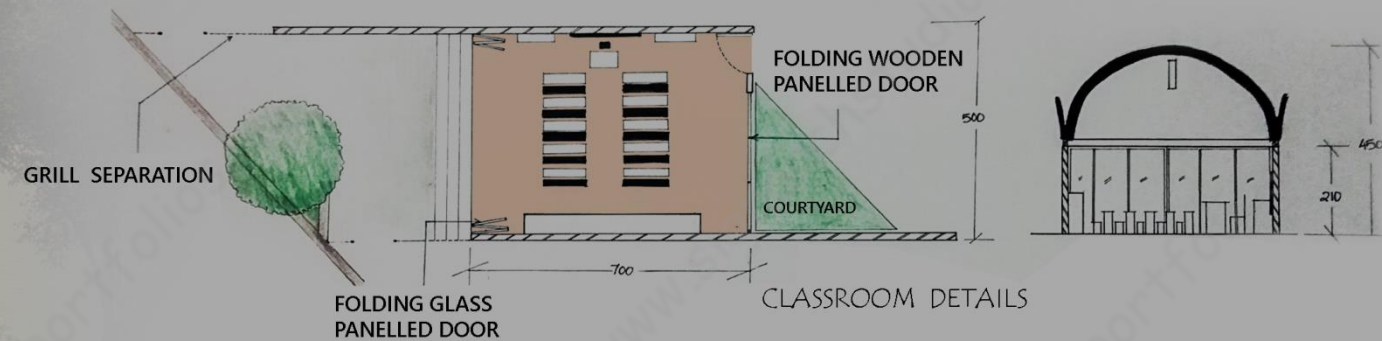
SECTION - AA'



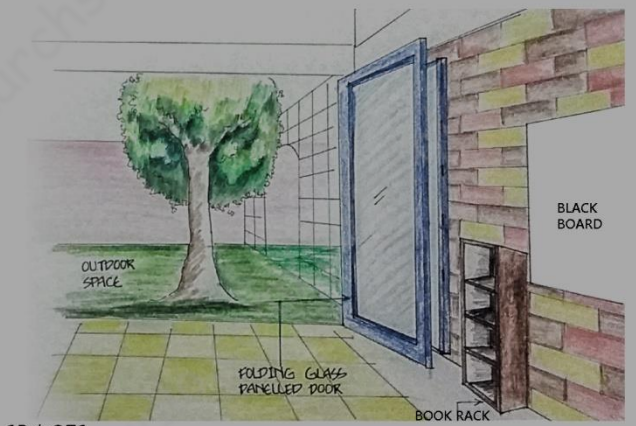
SECTION - BB'



# KINDERGARTEN AND DAYCARE DESIGN



KIDS FEEL MORE COMFORT IN OPEN SPACES THAN IN A CLOSED CLASSROOM. SO, I PROVIDE OPEN CLASSROOMS.





04

## RESIDENCE DESIGN

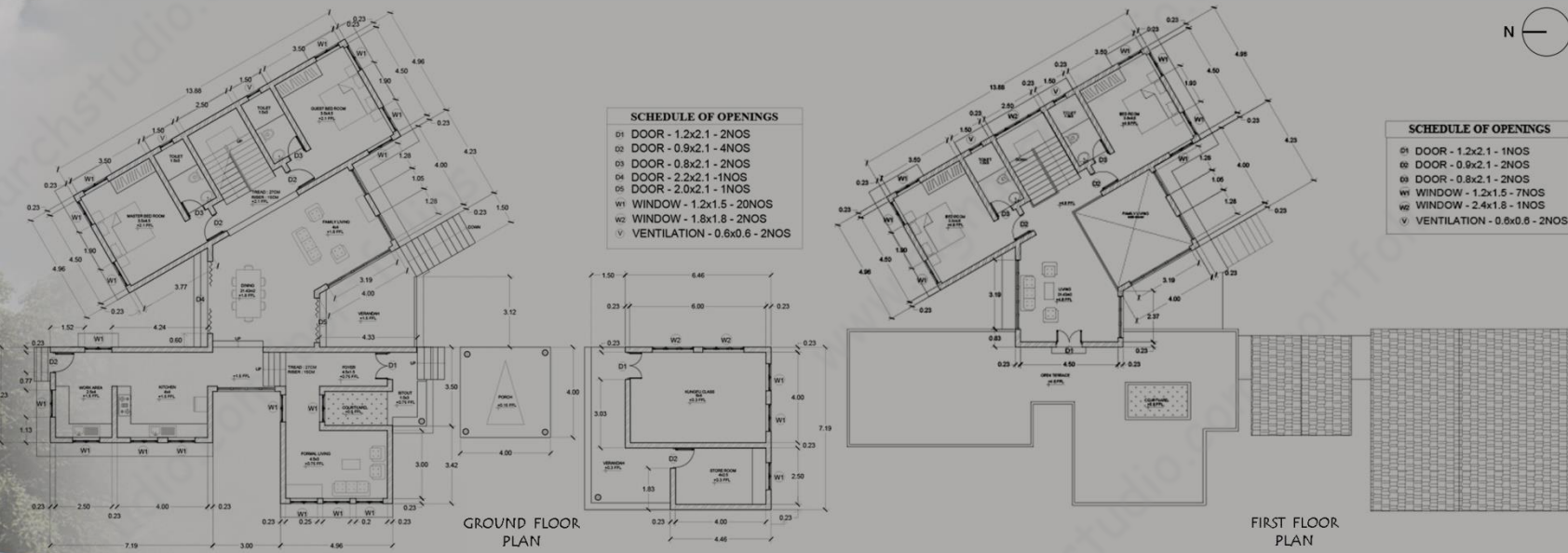
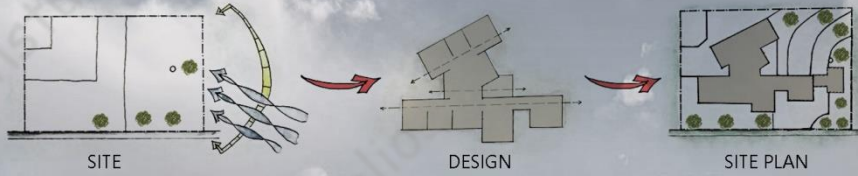
THE AIM WAS TO DESIGN A RESIDENCE FOR MR. MATHEW VARGHESE AT THOOTHOOTTY, KOTTAYAM.



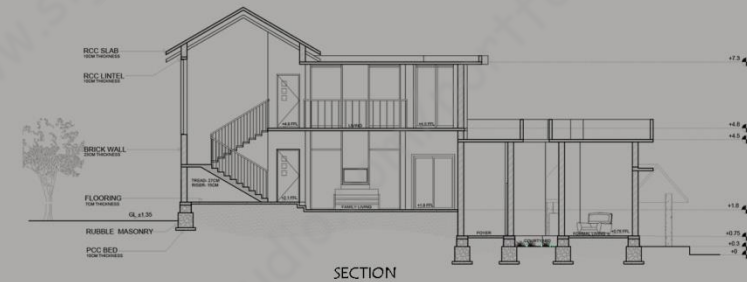


# RESIDENCE DESIGN

CONCEPT: OPENNESS AND LINEARITY



**OPENNESS** IS THE VIEW, THE LIGHT, THE FEELING OF BEING IN AN OPEN ENVIRONMENT. GLAZING, LIGHT AND HEIGHT HELPS TO CREATE THIS FEEL. **LINEARITY** IS THE PROPERTY OF FUNCTION OR RELATIONSHIP THAT CAN BE REPRESENTED AS A STRAIGHT LINE. IT IS THE ARRANGEMENT OF SERIES OF FORMS ALONG A STRAIGHT LINE.

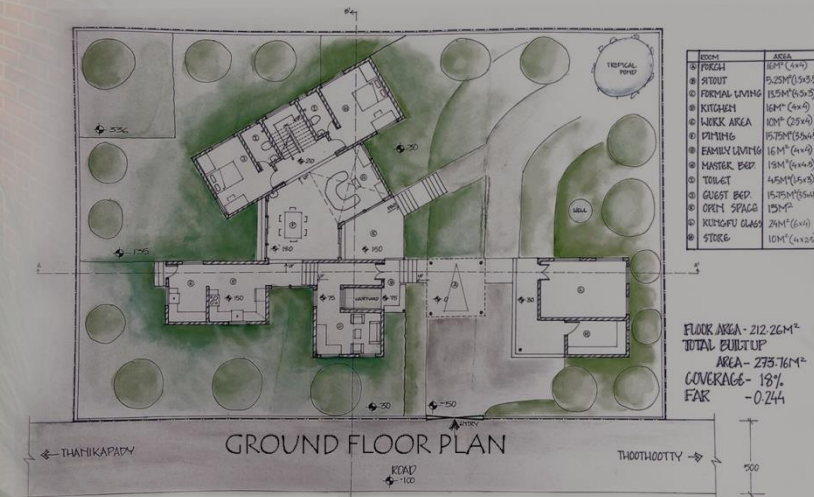




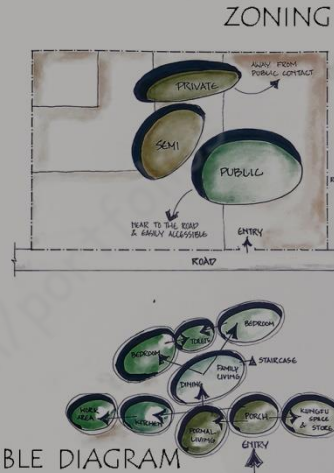
# RESIDENCE DESIGN



LANDSCAPE DETAILS



FIRST FLOOR PLAN



BUBBLE DIAGRAM



05

## HOSPITAL DESIGN

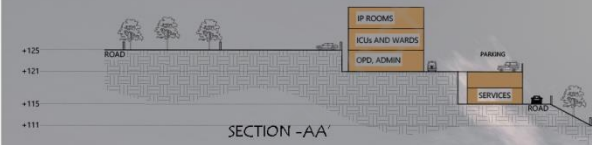
THE AIM WAS TO DESIGN A GENERAL HOSPITAL AT VENNIMALA NEAR PAMPADY, KOTTAYAM.



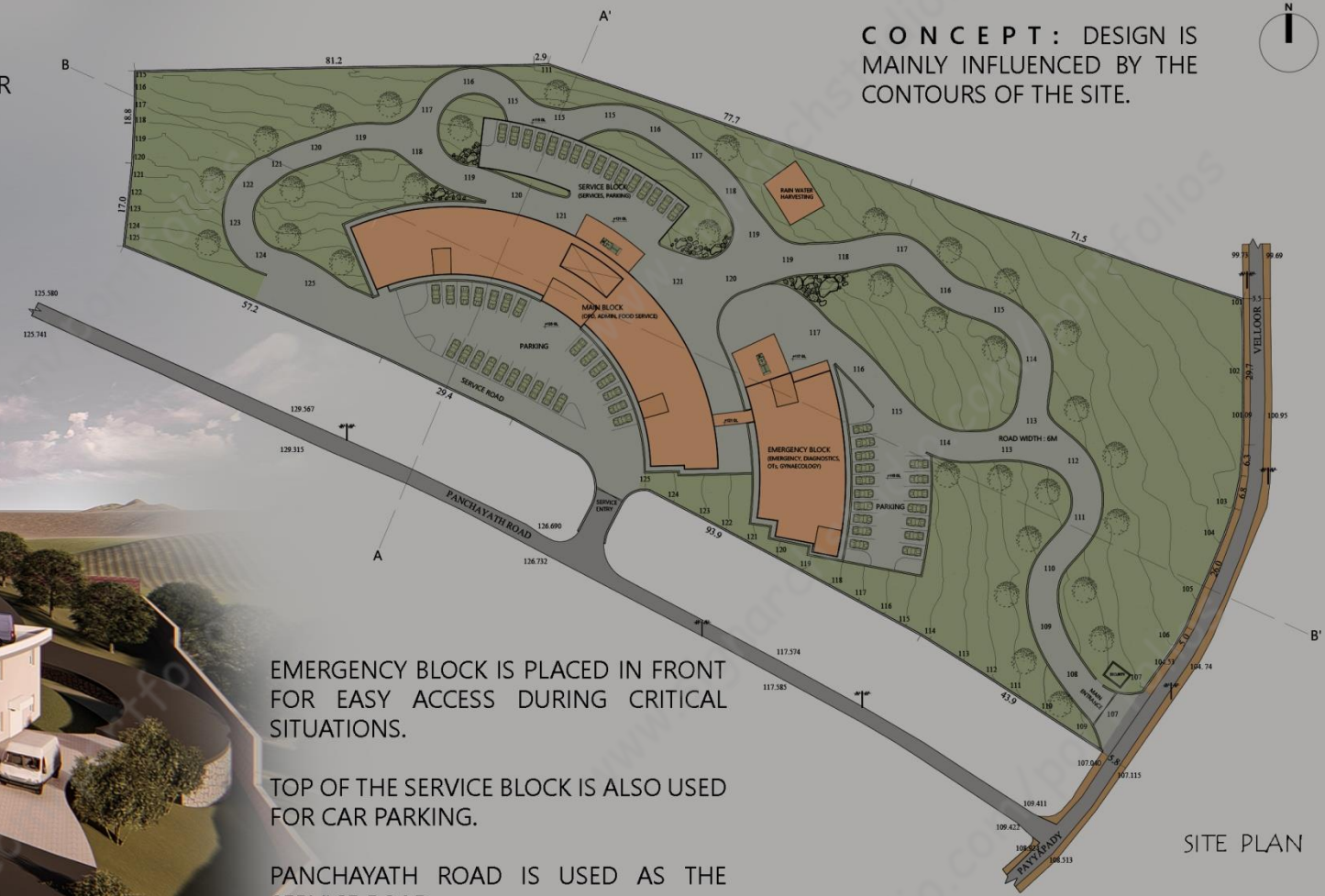


# HOSPITAL DESIGN

SITE IS LOCATED AT VENNIMALA NEAR PAMPADY, KOTTAYAM. IT IS A CONTOUR SITE WITH A LEVEL DIFFERENCE OF 25M FROM TOP TO BOTTOM.



CONCEPT: DESIGN IS MAINLY INFLUENCED BY THE CONTOURS OF THE SITE.



EMERGENCY BLOCK IS PLACED IN FRONT FOR EASY ACCESS DURING CRITICAL SITUATIONS.

TOP OF THE SERVICE BLOCK IS ALSO USED FOR CAR PARKING.

PANCHAYATH ROAD IS USED AS THE SERVICE ROAD

SITE PLAN



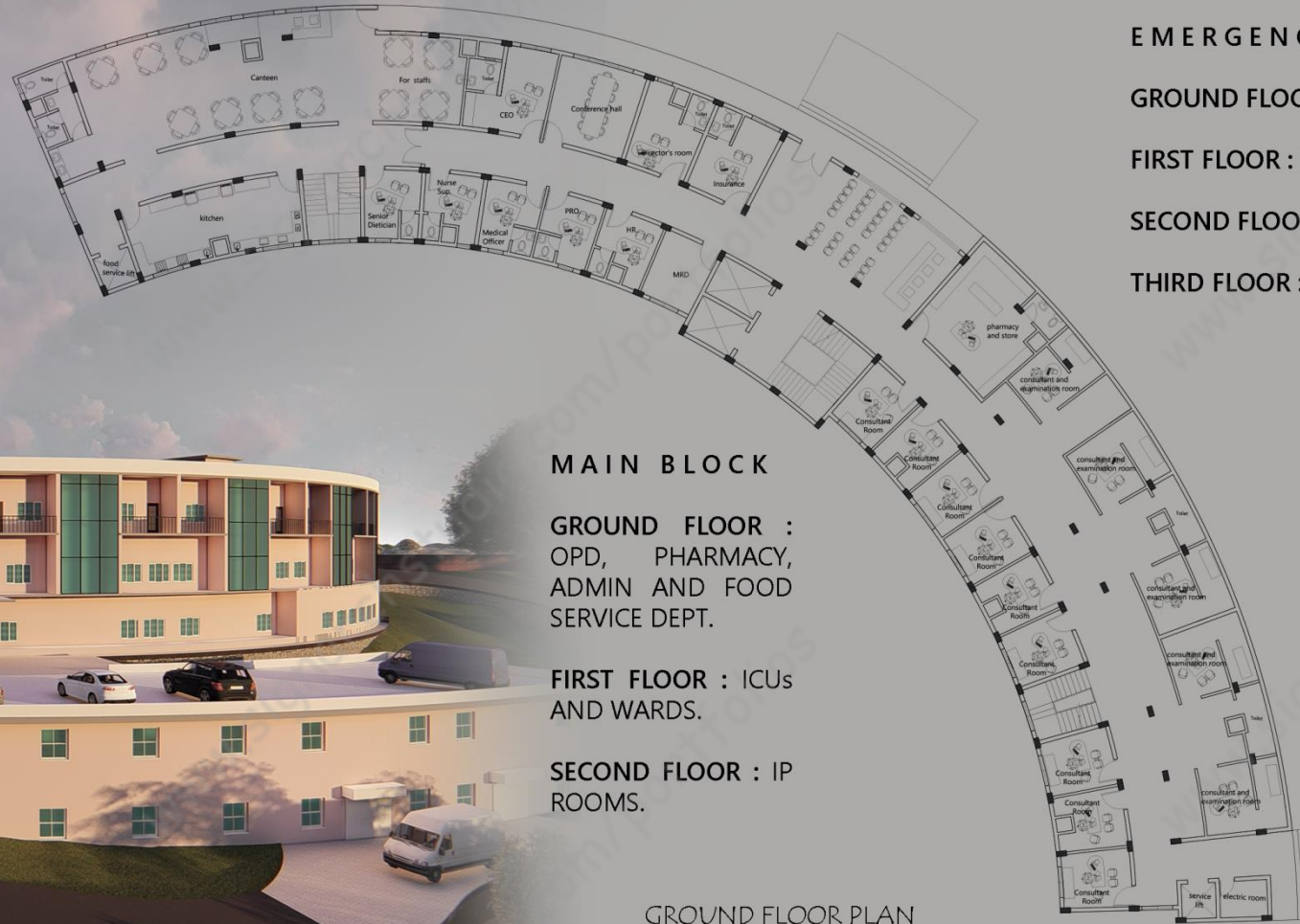
# HOSPITAL DESIGN



IP ROOMS LAYOUT  
MAIN BLOCK



GROUND FLOOR PLAN  
MAIN BLOCK



## MAIN BLOCK

**GROUND FLOOR :**  
OPD, PHARMACY,  
ADMIN AND FOOD  
SERVICE DEPT.

**FIRST FLOOR :**  
ICUs  
AND WARDS.

**SECOND FLOOR :**  
IP  
ROOMS.

## EMERGENCY BLOCK

**GROUND FLOOR :** CASUALTY.

**FIRST FLOOR :** DIAGNOSTICS.

**SECOND FLOOR :** OTs.

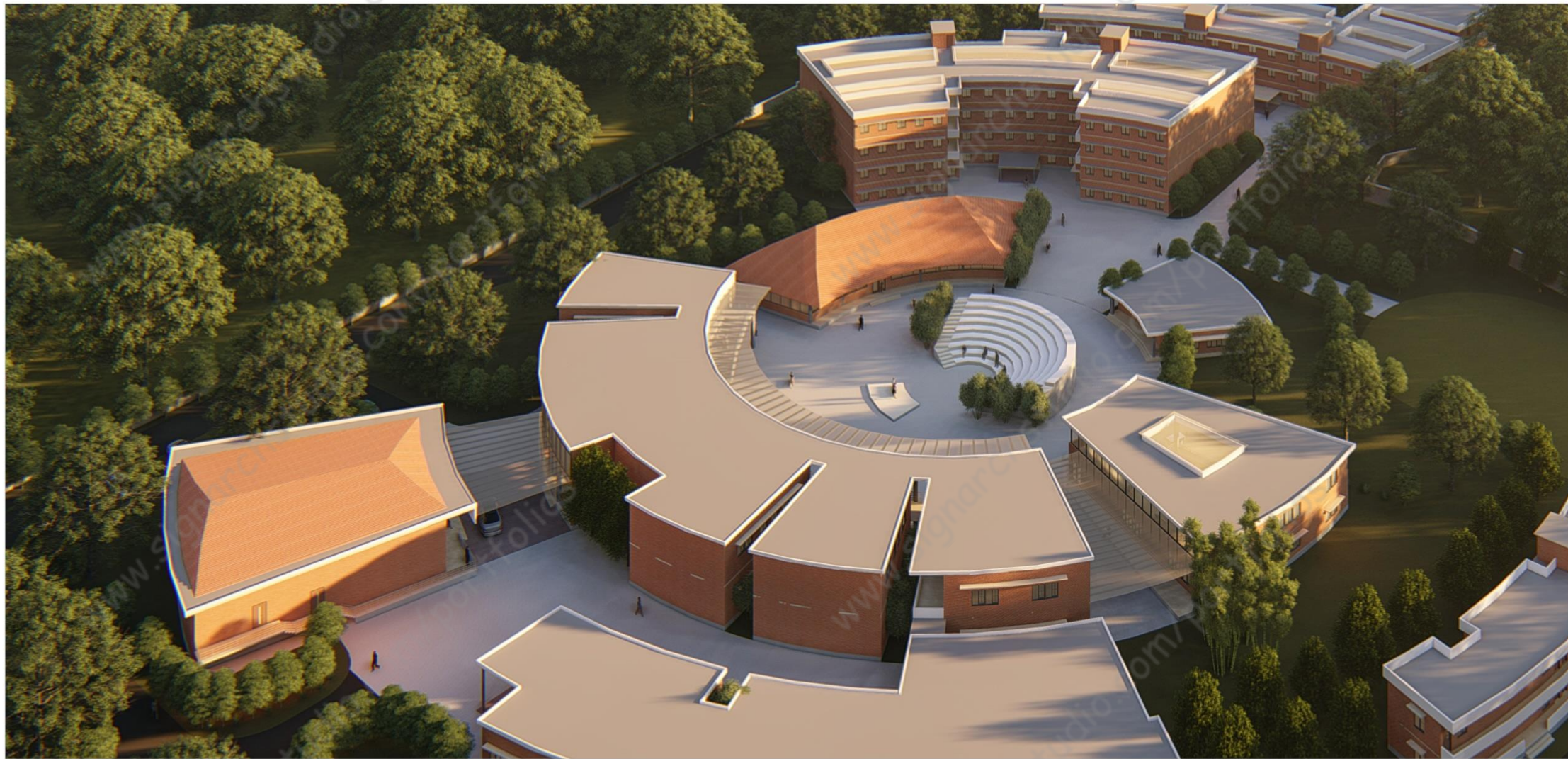
**THIRD FLOOR :** GYNAECOLOGY DEPT.



GROUND FLOOR PLAN  
EMERGENCY BLOCK

THE BRIDGE CONNECTS ICUs OF MAIN  
BLOCK TOWARDS OPERATION THEATRES OF  
EMERGENCY BLOCK.





# 06

## CAMPUS DESIGN

THE AIM WAS TO DESIGN A BUSINESS SCHOOL AT PALA, KOTTAYAM.

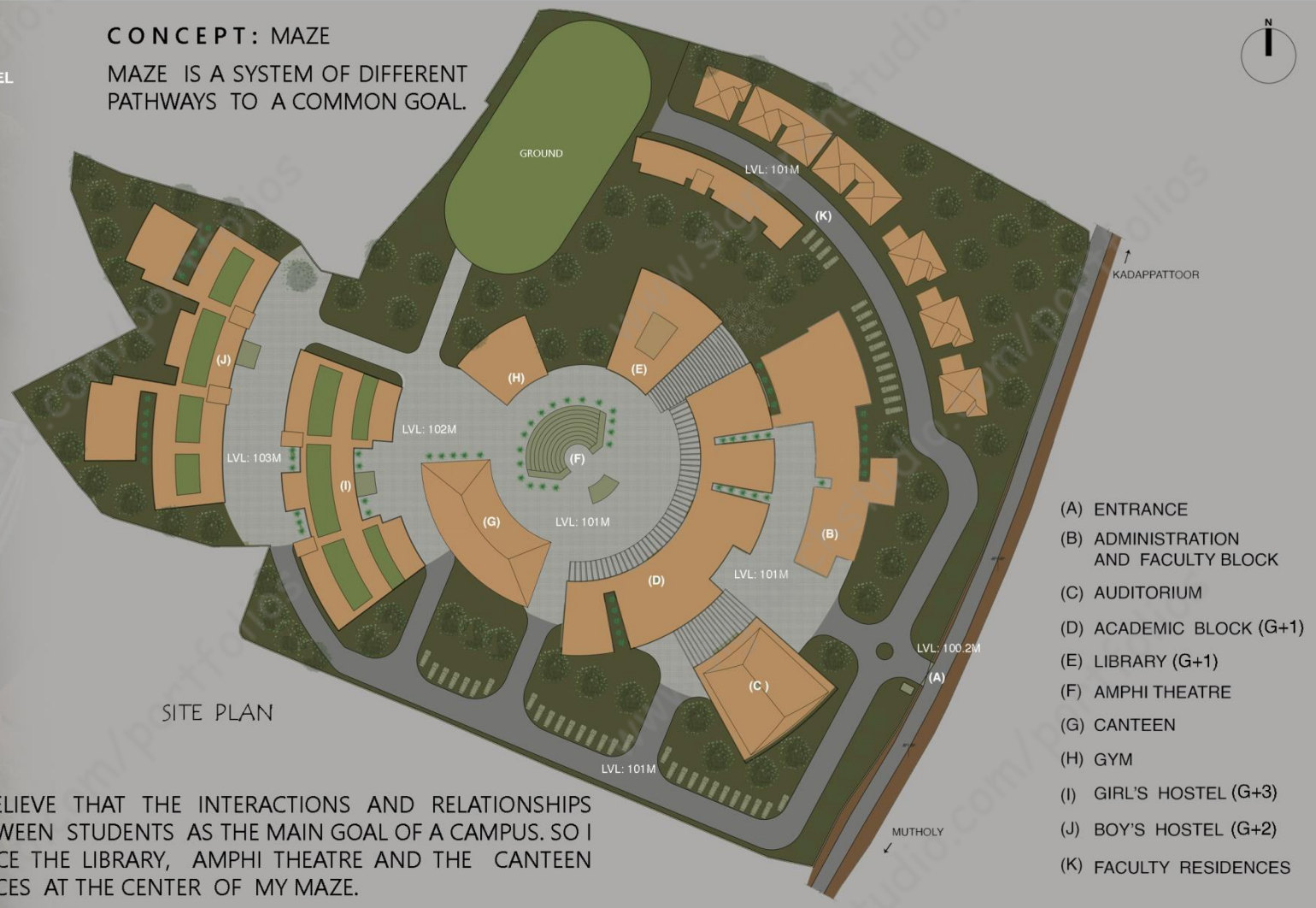


# CAMPUS DESIGN



## CONCEPT: MAZE

MAZE IS A SYSTEM OF DIFFERENT PATHWAYS TO A COMMON GOAL.



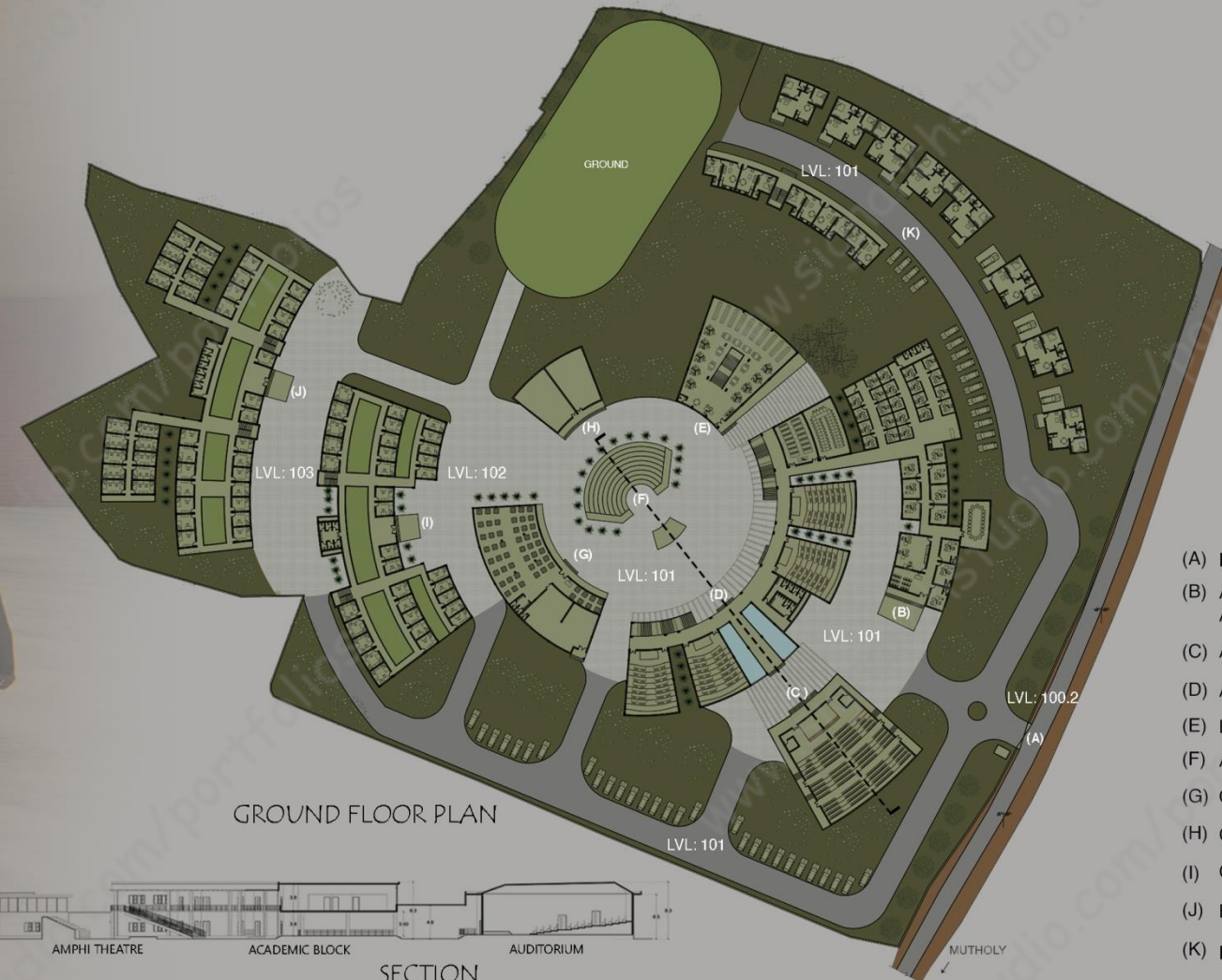
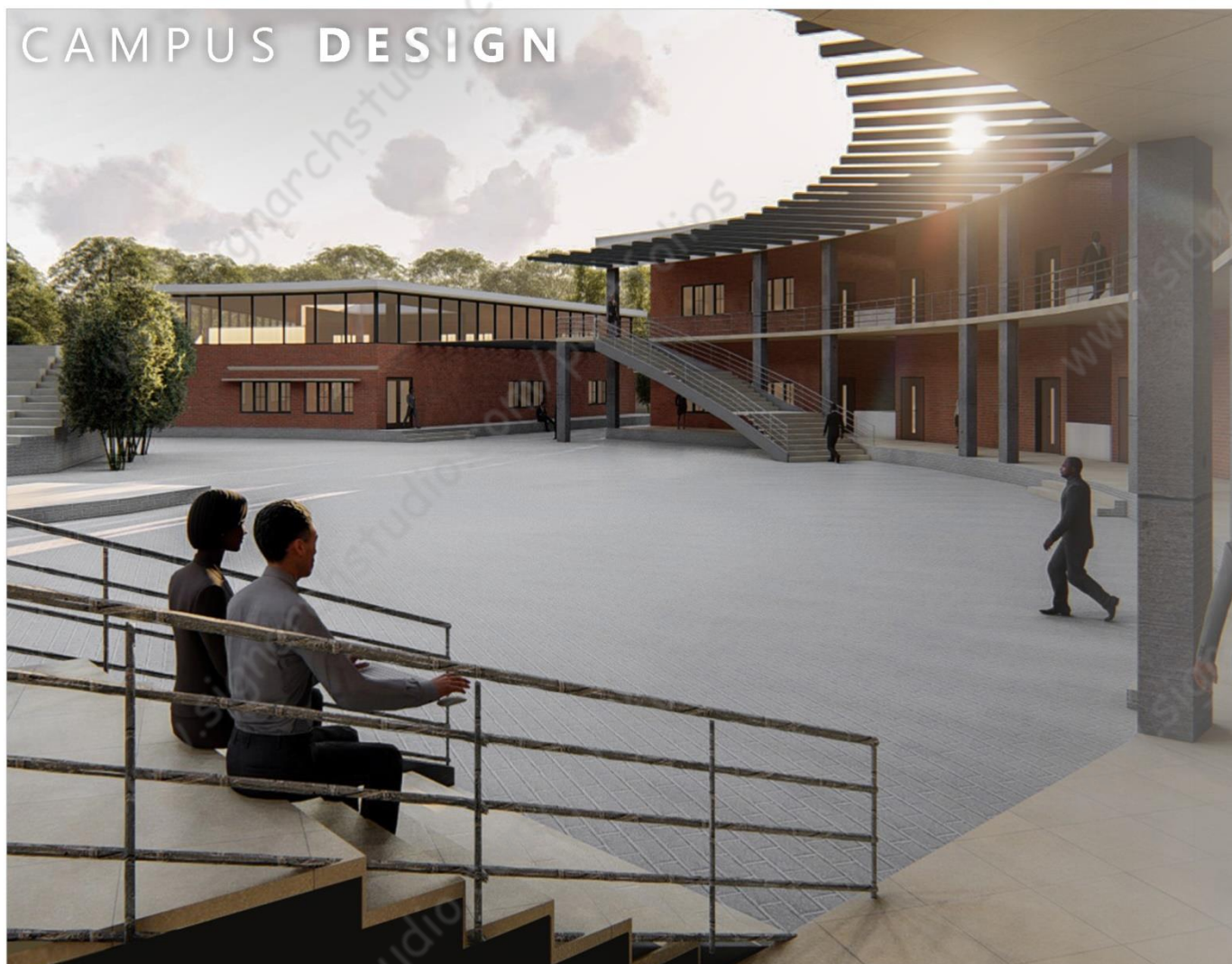
SITE PLAN

I BELIEVE THAT THE INTERACTIONS AND RELATIONSHIPS BETWEEN STUDENTS AS THE MAIN GOAL OF A CAMPUS. SO I PLACE THE LIBRARY, AMPHI THEATRE AND THE CANTEEN SPACES AT THE CENTER OF MY MAZE.

- (A) ENTRANCE
- (B) ADMINISTRATION AND FACULTY BLOCK
- (C) AUDITORIUM
- (D) ACADEMIC BLOCK (G+1)
- (E) LIBRARY (G+1)
- (F) AMPHI THEATRE
- (G) CANTEEN
- (H) GYM
- (I) GIRL'S HOSTEL (G+3)
- (J) BOY'S HOSTEL (G+2)
- (K) FACULTY RESIDENCES



# CAMPUS DESIGN



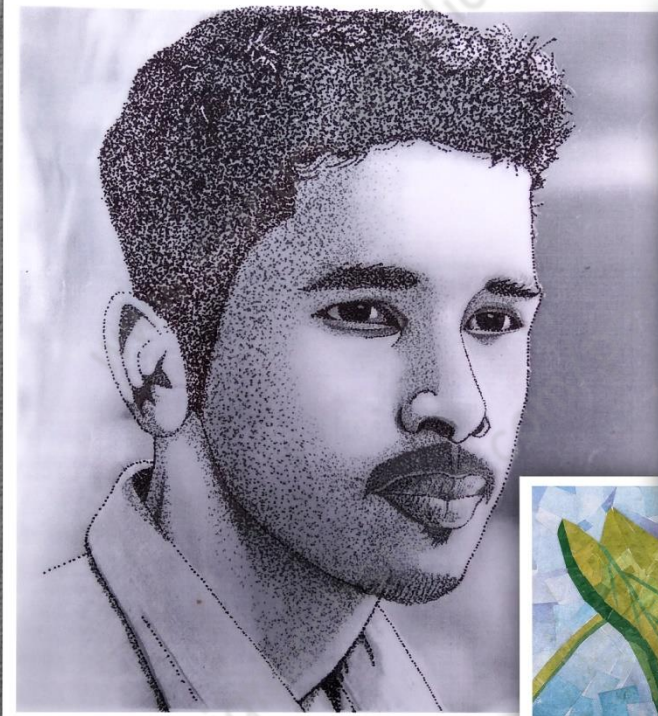
GROUND FLOOR PLAN



SECTION

- (A) ENTRANCE
- (B) ADMINISTRATION AND FACULTY BLOCK
- (C) AUDITORIUM
- (D) ACADEMIC BLOCK
- (E) LIBRARY
- (F) AMPHI THEATRE
- (G) CANTEN
- (H) GYM
- (I) GIRL'S HOSTEL
- (J) BOY'S HOSTEL
- (K) FACULTY RESIDENCES





STIPPLING -  
SELF PORTRAIT



COLLAGE  
MAKING



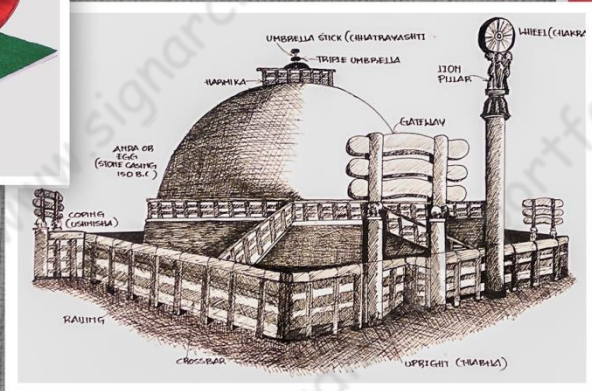
MODEL MAKING



SCULPTURE DESIGNING

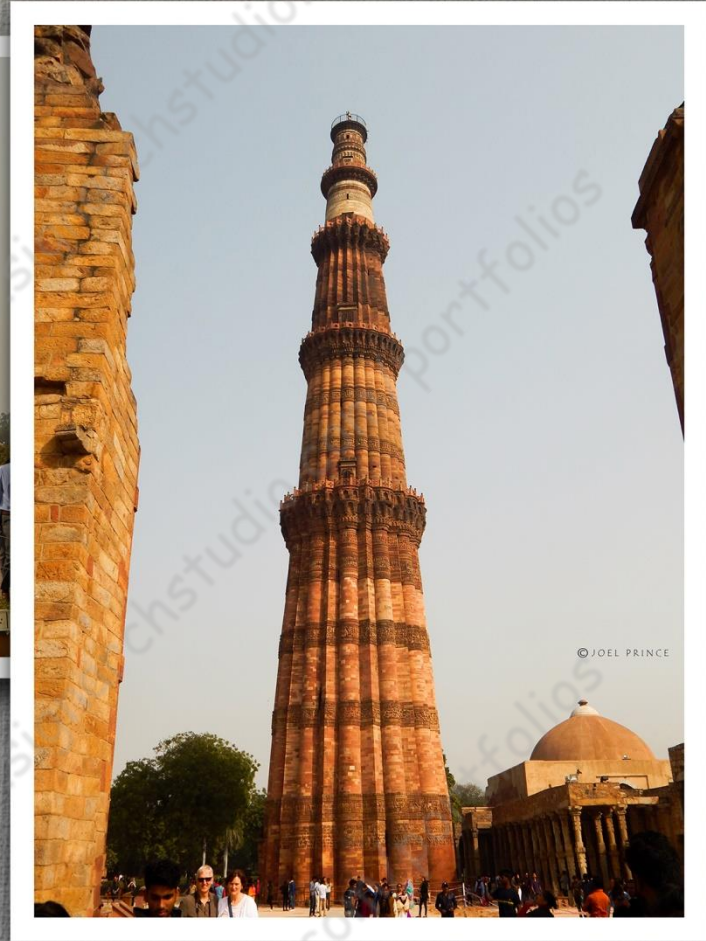
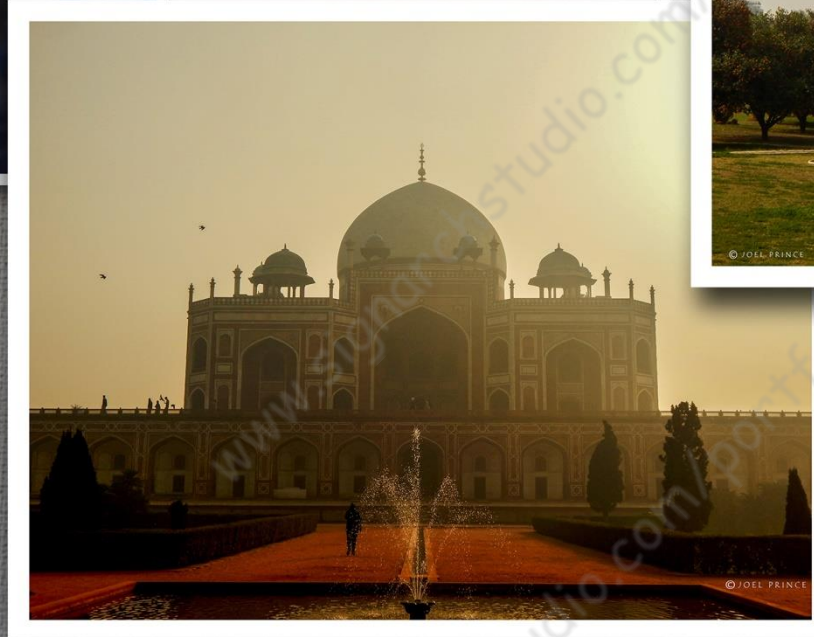
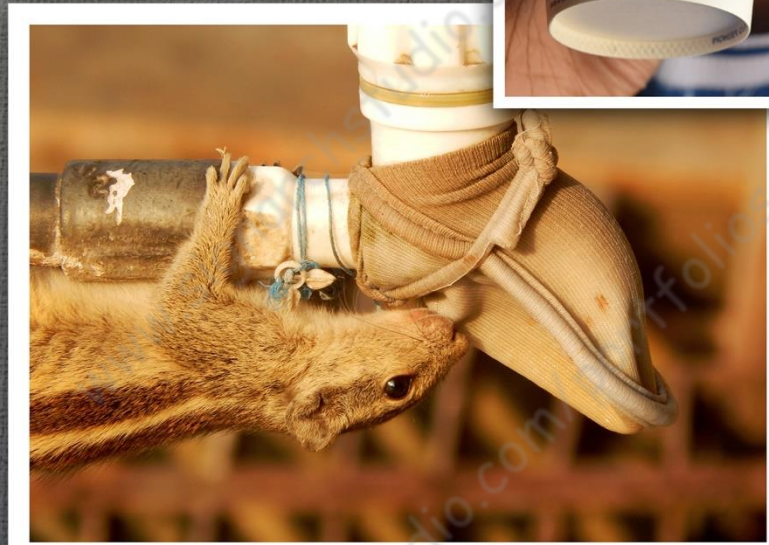
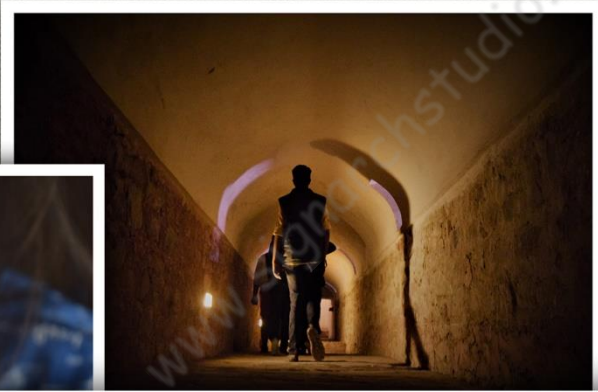
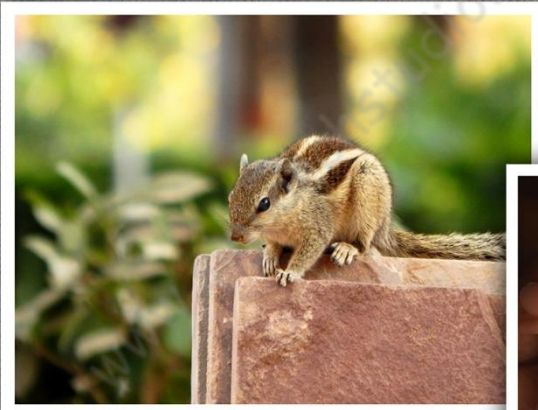


SKETCHING



POSTER DESIGNING





TO TRAVEL IS TO LIVE...

PHOTOGRAPHY



**MARTH MARIAM CATHEDRAL IS THE CATHEDRAL OF THE CHALDEAN SYRIAN CHURCH OF INDIA, PART OF THE ASSYRIAN CHURCH OF THE EAST. IT IS LOCATED IN THRISSUR CITY IN THE STATE OF KERALA, AND IS THE CITY'S FIRST CHRISTIAN CHURCH.**

THE CHURCH ESTABLISHED IN 1814 BY CHALDAYA SURIYANI (HALF CATHOLIC- HALF NESTORIAN) FACTION OF THE SYRO-MALABAR CATHOLIC CHURCH AND WAS ORIGINALLY KNOWN AS OUR LADY OF DOLOURS CHURCH. ABRAHAM KATHANAR OF PALAI WAS THE HEAD OF THE CHALDEAN SYRIAN FACTION IN 1814, WHOSE HEADQUARTERS WAS AT THRISSUR.



**MARTH MARIAM CHURCH, ALSO KNOWN AS VALIYA PALLI IS ONE OF THE OLDEST CHALDEAN SYRIAN CHURCH IN THRISSUR. THE CHURCH WAS ESTABLISHED IN 1815 UNDER THE SURVEILLANCE OF RAMA VARMA KNOWN AS SHAKTHAN THAMPURAN.**

IN 1789, THE CITY WAS ATTACKED BY TIPU SULTHAN, AND THUS THE TOWN FACED ENORMOUS DESTRUCTION BOTH ECONOMICALLY AND FINANCIALLY. THEREBY, SHAKTHAN THAMPURAN DECIDED TO RENOVATE THE TOWN. AS PART OF THE RENOVATION, FORTIFICATIONS AROUND THE TOWN WERE ERRECTED. HE MADE 52 CHRISTIAN FAMILIES SETTLE THERE, WITH AN INTENTION OF FOSTERING THE TRADE.

AS TRADE PROGRESSED ALONG WITH NEW MERCHANTS, THE PEOPLE REQUESTED THAMPURAN TO BUILD A CHURCH. THE KING PERCEIVED THE SIGNIFICANCE OF THE CHURCH AND THE RELIGIOUS NEEDS OF THE COMMUNITY HE BUILT THE CHURCH. AS IT WAS THE FIRST CHURCH TO BE CONSTRUCTED WITHIN THE LOCALITY, THEY DEPENDED ON NEARBY OLLUR CHURCH FOR BASIC PLANNING MEASUREMENTS, BY MISTAKELY THE INNER DIMENSIONS OF OLLUR CHURCH WAS TAKEN AS REFERENCE FOR OUTER DIMENSIONS OF THE NEW ONE. HENCE THE SPACE WAS CONFINED.

THE CHURCH CARRIED OUT FURTHER ADDITIONS, RENOVATIONS AND ALTERATIONS IN RECENT YEARS.

**1789** TIPU SULTAN CONQUERED THRISSUR  
**1790** SHAKTHAN THAMPURAN ASCENDED THE KINGDOM OF COCHIN  
**1790-1805** RULE OF RAMA VARMA SHAKTHAN THAMPURAN  
**1794** AFTER THE FORTIFICATION OF THRISSUR, SETTLEMENT OF 52 CHRISTIAN FAMILIES  
**1814** CONSTRUCTION OF THE MARTH MARIAM VALIYA PALLI WAS COMPLETED  
**1927** CONSTRUCTION OF SCHOOLS, NEARBY  
**1929** CHALDEAN SYRIAN CATHOLIC JUMBO SYRO MALABAR CATHOLIC CHURCH AND ELECTED A NEW BISHOP  
**1968** MAR ARIEM WAS CONSECATED AS BISHOP

**SITE PLAN**

**Kaldaya Charitham**  
DOCUMENTATION OF MARTH MARIAM VALIYAPALLI COMPLEX THRISSUR

S3 2016-2021

MASAP  
MINDSCHOOL OF ARCHITECTURE AND PLANNING

**DOCUMENTATION**

**PROPOSED SITE**

**CONTEXT**

**ACTIVITY MAP (PEDESTRIAN)**

**CIRCULATION**

**CONCEPTUAL PLAN**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**oasis**  
The urban parklet  
ANDC 2018

**AMPHIDETRA**  
NASA

Present Scenario: The North and South routes are connected by this over-bridge and is the main link between the railway station, busstand, stadium and church. The area is very crowded, congested, and disorganized pedestrian movement upto a certain limit. These prevalent problems has resulted in the upcoming of a new bridge. Aiming of the new bridge would eventually cause the disavowal of the former one due to the shift in vehicular transport. Relinquishing this particular space would be very effective for a city like Kottayam which lacks social interaction or public gathering space.

Feasibility: According to the old bridge as a base or quarter and utilizing it for public use by:  
 - Converting it to a pedestrian pathway- setting up lookouts and refreshments for walkers  
 - Providing a lifting space to enjoy the quaint views and ambience of kottayam  
 - Portrayal of a mural art gallery to preserve and promote the mural art culture of kottayam

**ANDC-2018**

**EVERY GENERATION NEEDS A NEW REVOLUTION IN ARCHITECTURE. YOU NEVER CHANGE THINGS BY FIGHTING THE EXISTING REALITY TO CHANGE SOMETHING BUT A NEW THAT MAKES EVERY GENERATION NEEDS A NEW REVOLUTION IN ARCHITECTURE. YOU NEVER CHANGE THINGS BY FIGHTING THE EXISTING REALITY TO CHANGE SOMETHING BUT A NEW THAT MAKES EVERY GENERATION NEEDS A NEW REVOLUTION IN ARCHITECTURE.**

**CONCEPT EVOLUTION OF AMPHIDETRA**

**CLIMATE**  
DUE TO GLOBAL WARMING MEAN SEA LEVEL HAS BEEN RISING YEAR BY YEAR. A NEW SYSTEM HAS TO BE DEVELOPED TO WITHSTAND THE SITUATION.

**AMPHIDETRA**  
AMPHIDETRA IS SELF SUSTAINABLE LIKE EARTH. THE SHAPE OF THE DESIGN EVOLVED FROM THE SPHERICAL SHAPE OF EARTH.

**AMPHIDETRA**  
NASA

ABSORPTION DONE WITH THE HELP OF AQUAPONICS EXTERIOR WALL OF THE AMPHIDETRA FROM THE SURROUNDING AREA WHICH ABSORBS SURFACE WATER  
 INTER-MEDIATE FLOORS FOR MULTIPURPOSE USE, COMMERCIAL, INSTITUTIONAL, RESIDENTIAL, AND RELIGIOUS ACTIVITIES  
 INCLINED ELEVATORS CONNECT THE MODULES DIAGONALLY  
 CENTRAL CORE CONNECTS THE MODULES AND BRING OUT OF THE FOUR MODULES  
 VERTICAL ELEVATORS CONNECTING BOTTOM AND TOP MODULES  
 CENTRAL FLOOR FOR SPECTACULAR RECREATING  
 INTER-MEDIATE FLOORS FOR MULTIPURPOSE USE, COMMERCIAL, INSTITUTIONAL, RESIDENTIAL, AND RELIGIOUS ACTIVITIES

**CONVENTION TROPHY 2018**

**OTHER WORKS**



A young man with dark, curly hair and a light beard is leaning out of the open window of a white train. He is wearing a light-colored, short-sleeved polo shirt and is looking towards the camera with a slight smile. His right hand is extended outwards. The train is moving along tracks that curve into the distance. The background is a soft-focus landscape with rolling hills and trees under a bright sky. The overall mood is serene and nostalgic.

*The journey of thousand miles begins with a single step.*

THANK YOU