

# PORTFOLIO

2020

**SHIVANI KULKARNI**  
B.Arch Portfolio  
BMS College of Architecture

“

Design is a plan for arranging elements  
in such a way as best to accomplish a  
particular purpose.

- CHARLES EAMES



# SHIVANI KULKARNI



#6, ADARSH SEELIN VILLA,  
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,

Enthusiastic architecture student awaiting for a challenging as well as responsible opportunity to explore my skills, strength and potential in a team environment that is innovative and creative in the field of architecture and design.



## EDUCATION

- 2011-2012 : X STD  
EMIRATES FUTURE INTERNATIONAL ACADEMY  
ABU DHABI, UAE
- 2013-2016 : DIPLOMA IN ARCHITECTURE  
ACHARYA POLYTECHNIC  
BENGALURU, KARNATAKA
- 2016-2021 : BACHELOR OF ARCHITECTURE  
BMS COLLEGE OF ARCHITECTURE  
BENGALURU, KARNATAKA

## MANUAL SKILLS



## SOFTWARE SKILLS



AUTOCAD

REVIT

PHOTOSHOP

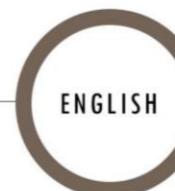
SKETCHUP

INDESIGN

MICROSOFT OFFICE



## LANGUAGES



ENGLISH



HINDI



KANNADA



## HOBBIES

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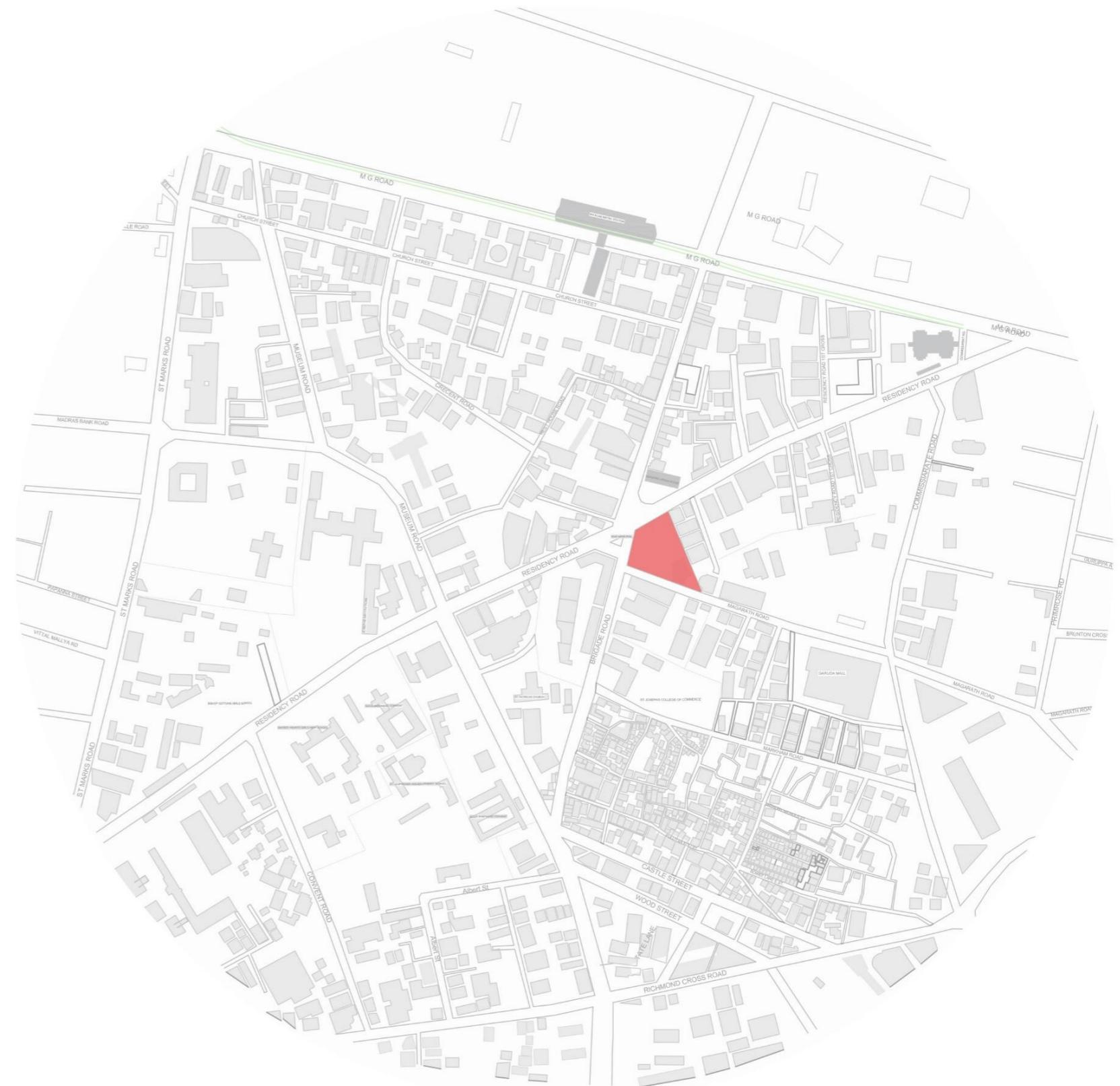
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## URBAN DESIGN

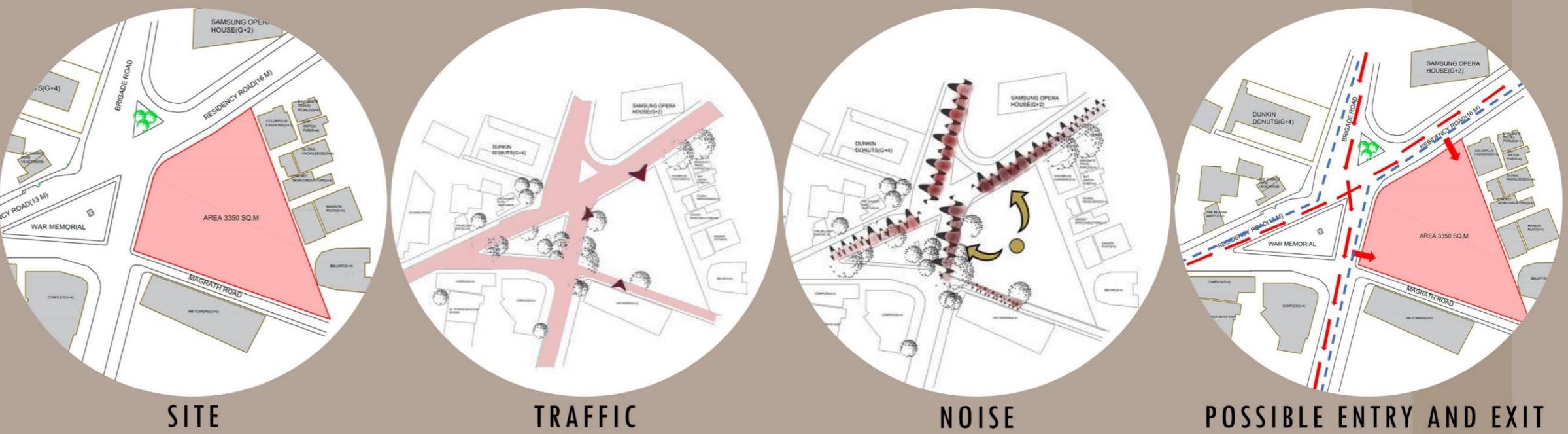
THE PROJECT DEALS WITH THE STUDY OF THE CBD OF BANGALORE i.e., MG ROAD WITH AN EXTENSION TO CHURCH STREET AND ST. MARKS ROAD. THE AIM OF THE PROJECT IS TO UNDERSTAND THE ROLE OF URBAN SPACE AS PUBLIC REALM AND THE NEED TO CREATE SUCH SPACES AS AN EXTENSION OF PRIVATE DOMAIN IN THE PUBLIC BUILDINGS.

01  
7TH SEMESTER



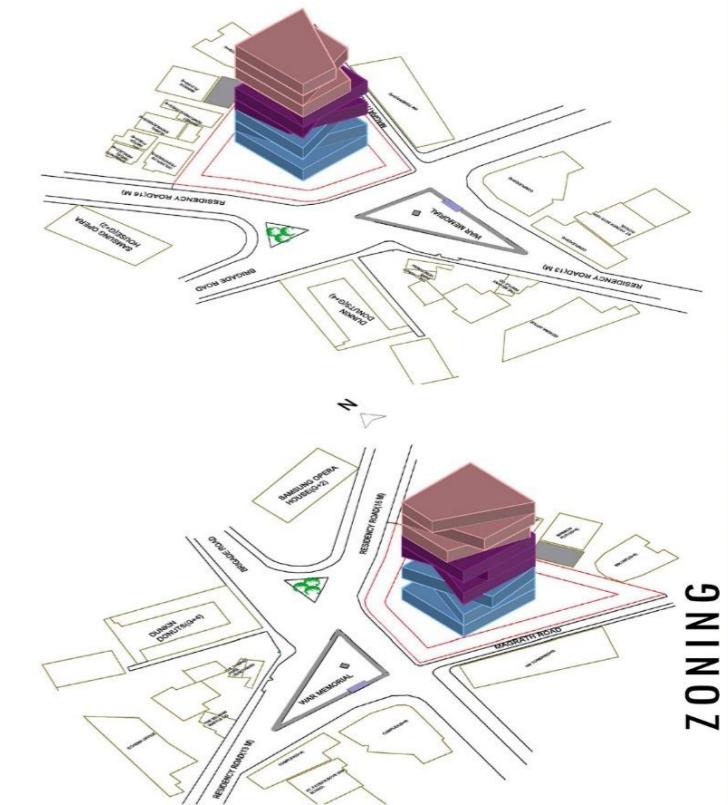
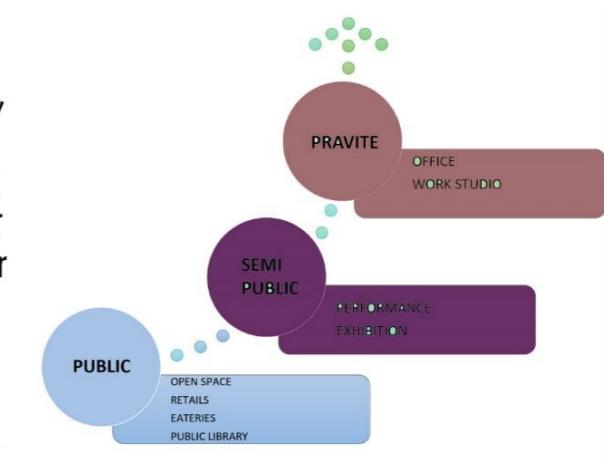
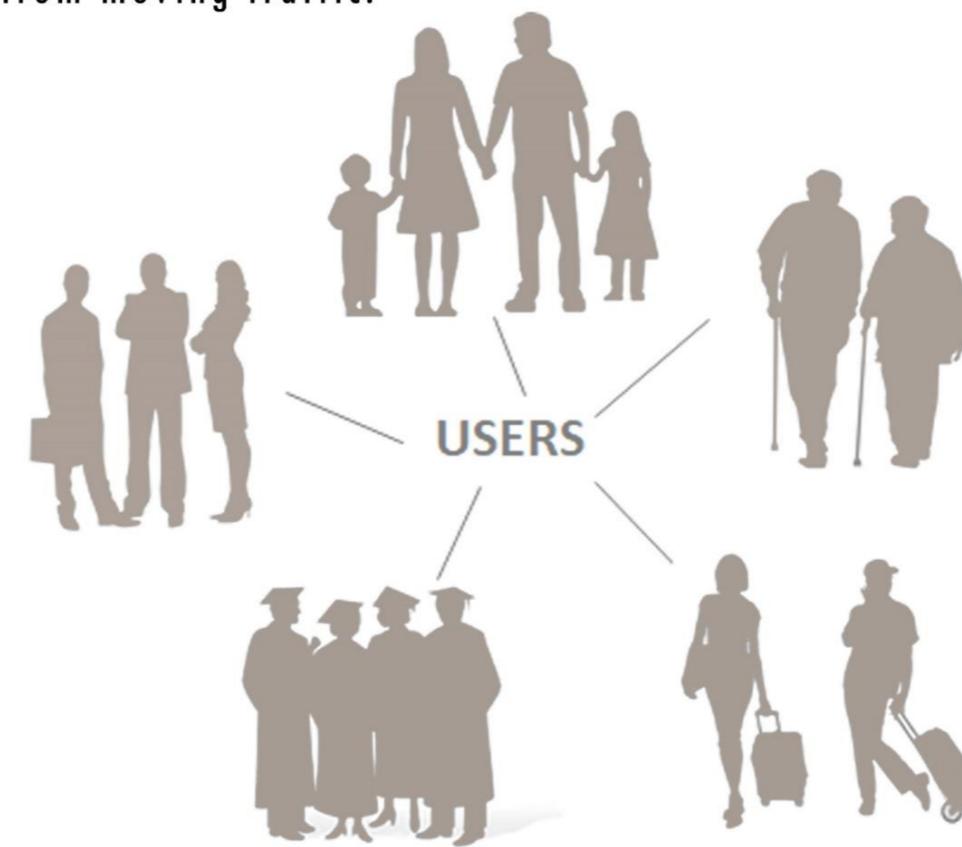
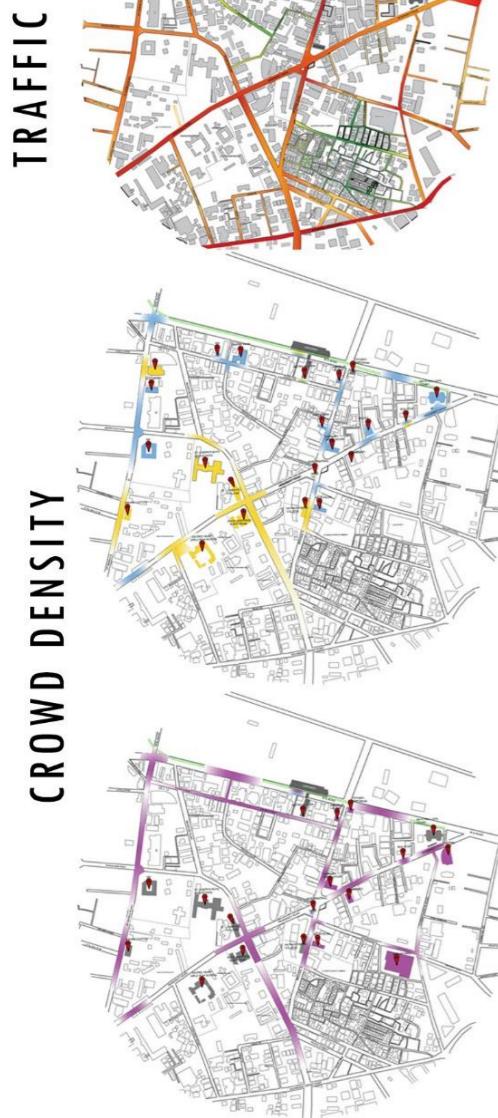
# SITE ANALYSIS

The site being in the CBD of Bangalore, is majorly surrounded by commercial areas. The site is situated at a very busy node that caters to different times of the day. The Northern side of the site has all the commercial buildings, Western side are the educational institutions, Eastern side has commercial as well as govt buildings and Southern side has residential. The 2 sides of the site faces main road (Residency Road) and other side faces service road (Magarat Road).



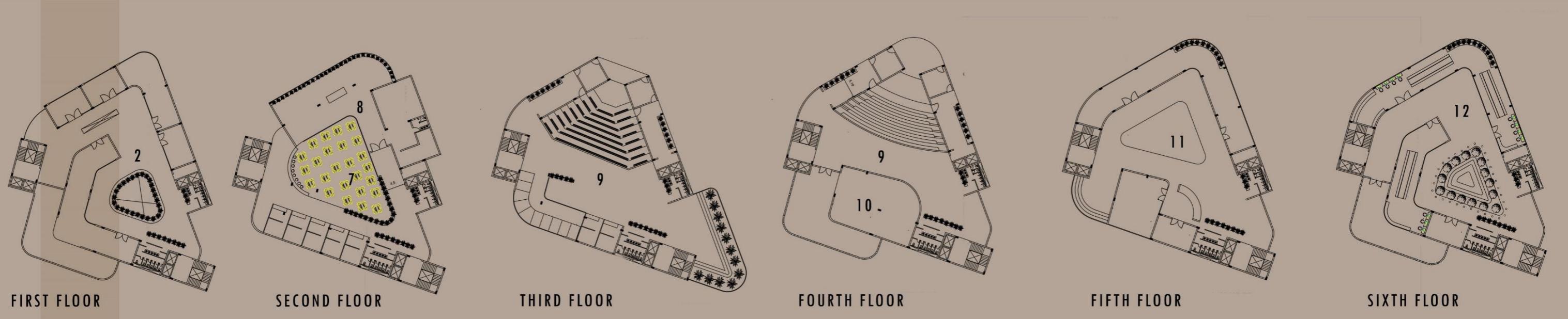
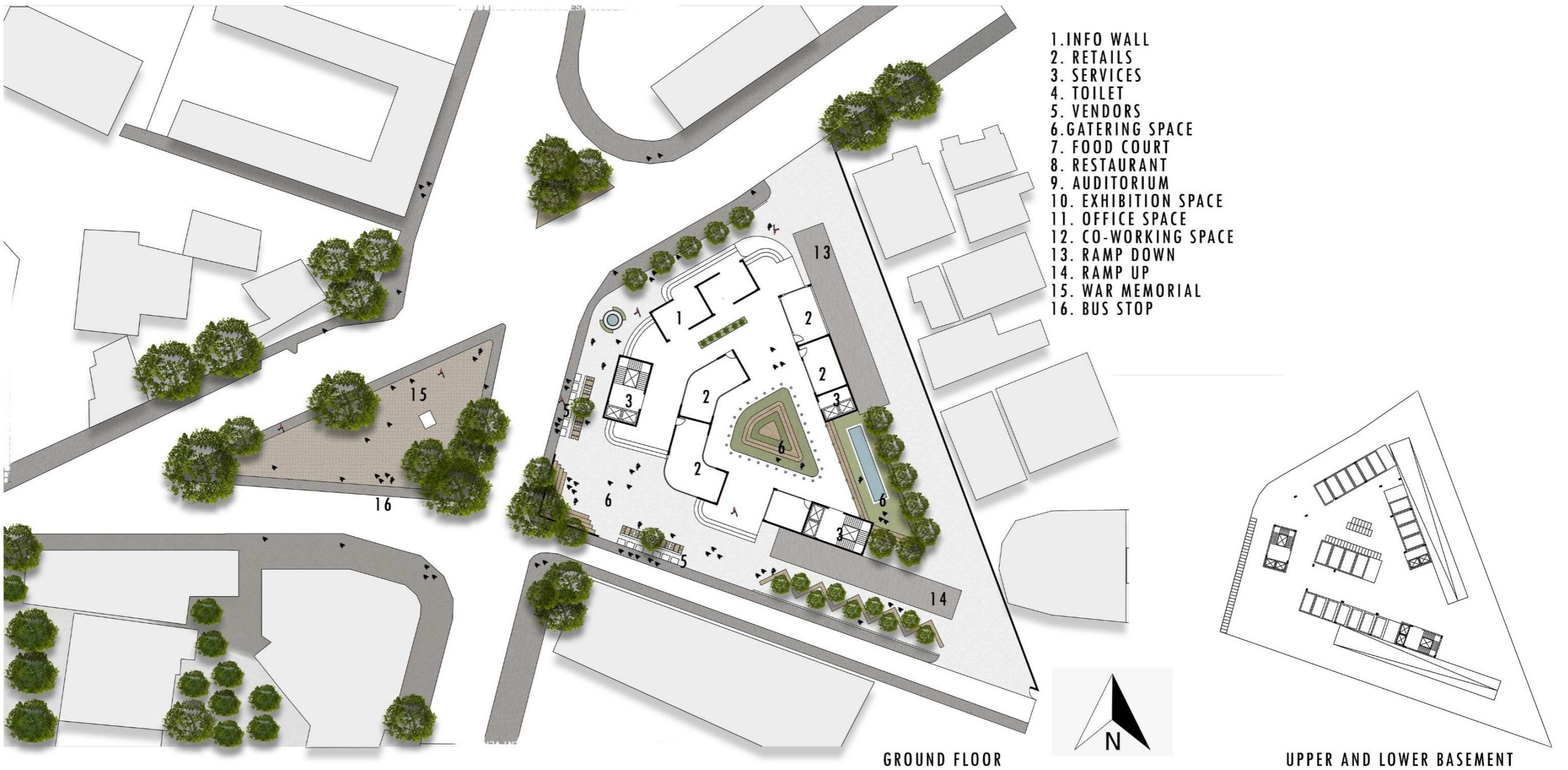
## DESIGN BRIEF:

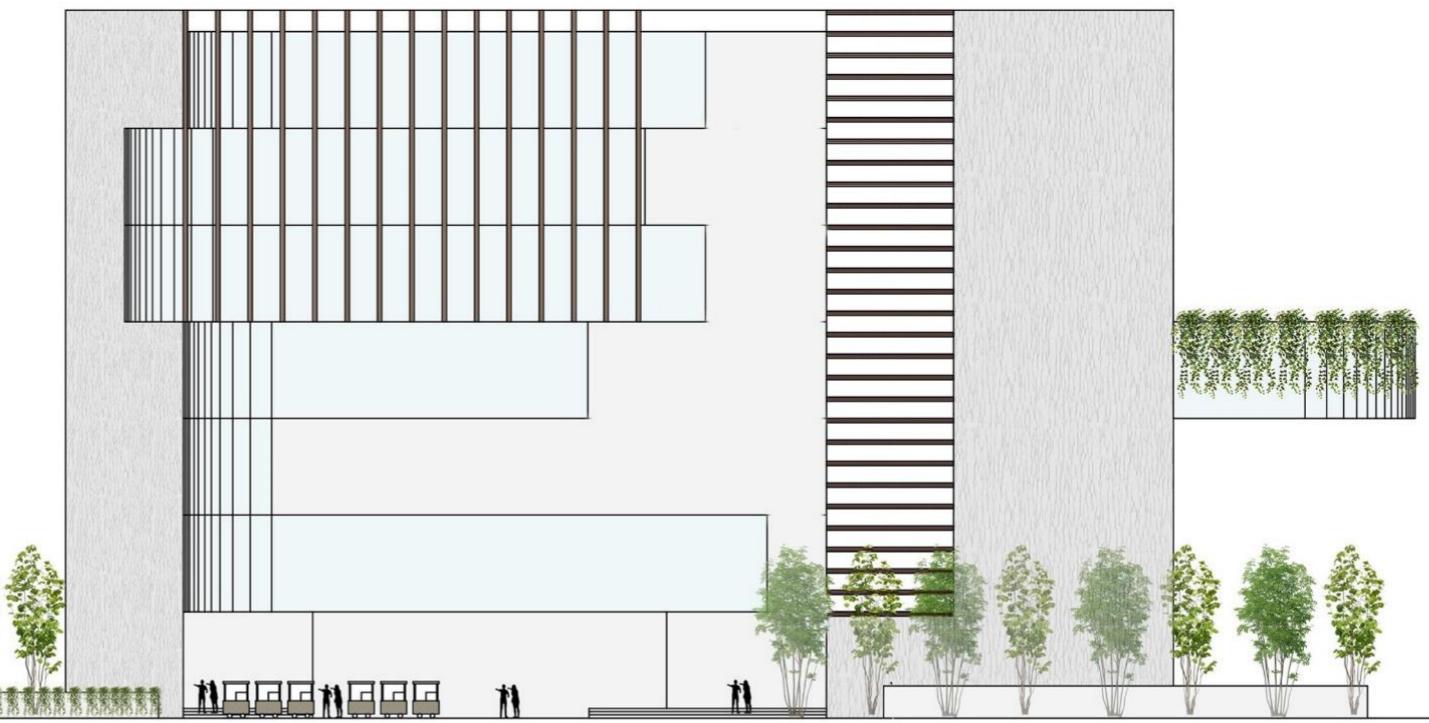
**CONVERGENT HUB** - 'Connecting the network of users'. Cities provide opportunities, connect people and often make everyday life more practical. More than half of the global population spend their time everyday life in an urban environment. Modern cities are full of non-places - locations where people are strangers to one another and have no impetus to interact. Human congestion can make public spaces livelier and encourage interactions more than is minimally necessary. The main objective of this project is to create good public and semi-public spaces, provide walkable pedestrian-oriented environment and emphasize design features which buffers pedestrian from moving traffic.



ZONING

## FLOOR PLANS





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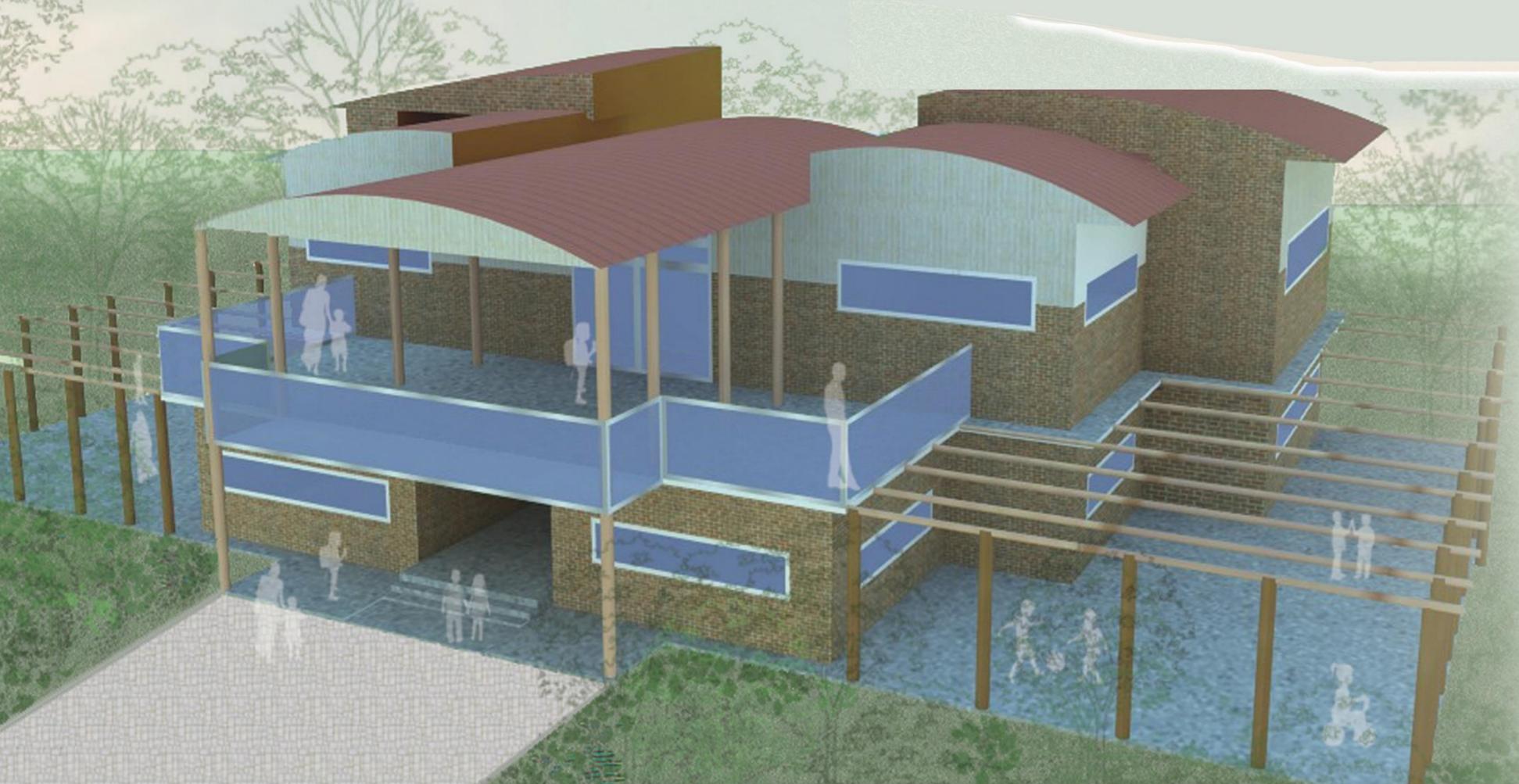
## CAMPUS DESIGN

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THE PROJECT DEALS WITH UNDERSTANDING  
ARTICULATED GOALS OF THE INSTITUTION  
REGARDING THE GOALS OF BUILT ENVIRONMENT  
AND ITS FUNCTIONING. THE DESIGN INCORPORATES  
PRINCIPLES OF BARRIER FREE STUDY ENVIRONMENT.

02  
7TH SEMESTER  
09





Government school facing Mysore road highway have to be relocated because of road widening proposal from Karnataka govenment.

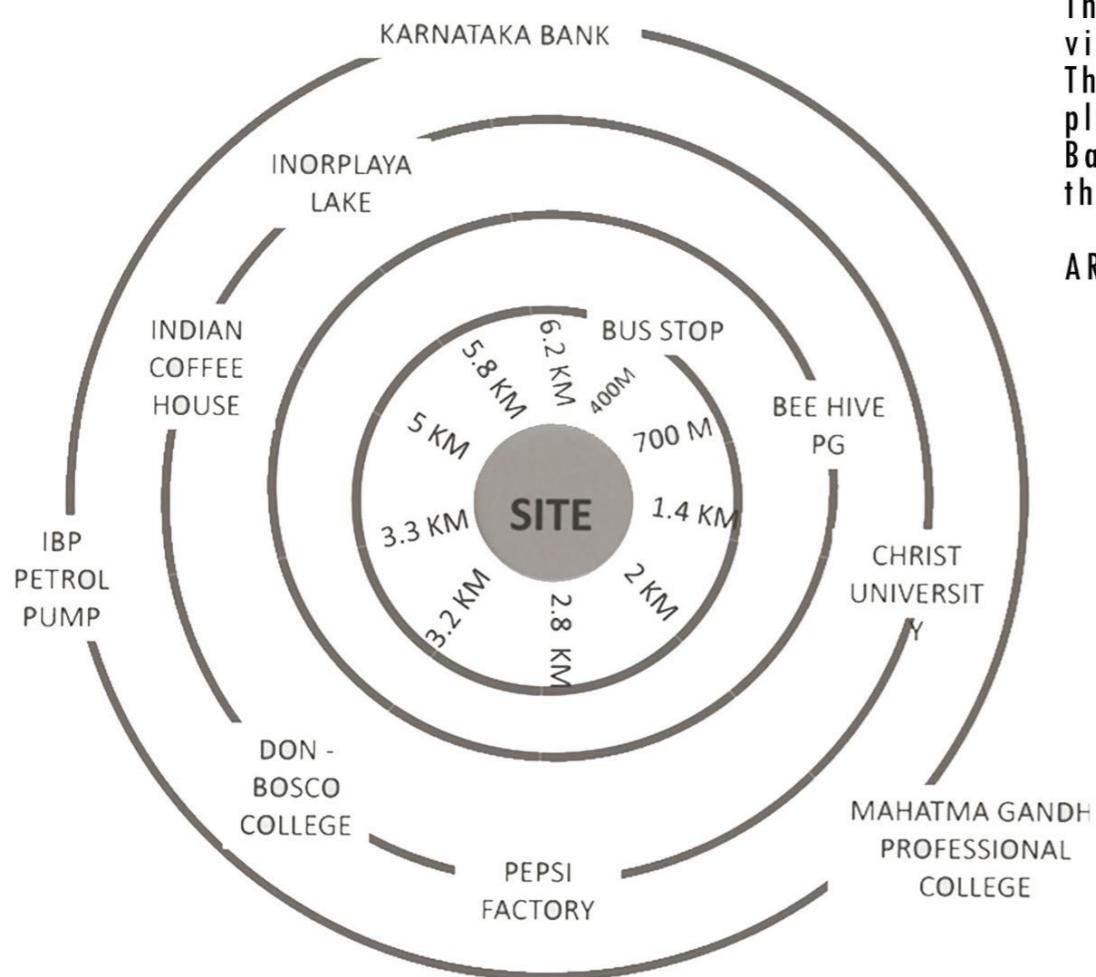
A proposal of the new school campus design is brought for the existing governmrnt school for betterment and ease of teaching as well as creating a better employment opportunity for the people residing around the site location. the existing governmrnt school is teaching upto grade 4, Nali-Kali system is also being followed upto grade 1.

The program is generated by lokking upon the various needs for the students and teachers for providing a better quality enviormrnt for teaching and also ceating a good ambience for the local people to work and learn which helps in promting employment opportunities.

Discussion among the students is very important in any sschool or institution. interactive spaces plays a major role in designing a school campus.

Modular systems os design with symmetrical planning with all the classrooms connects to a single interactive space which can also act as a play area for kids making the space more dynamic.

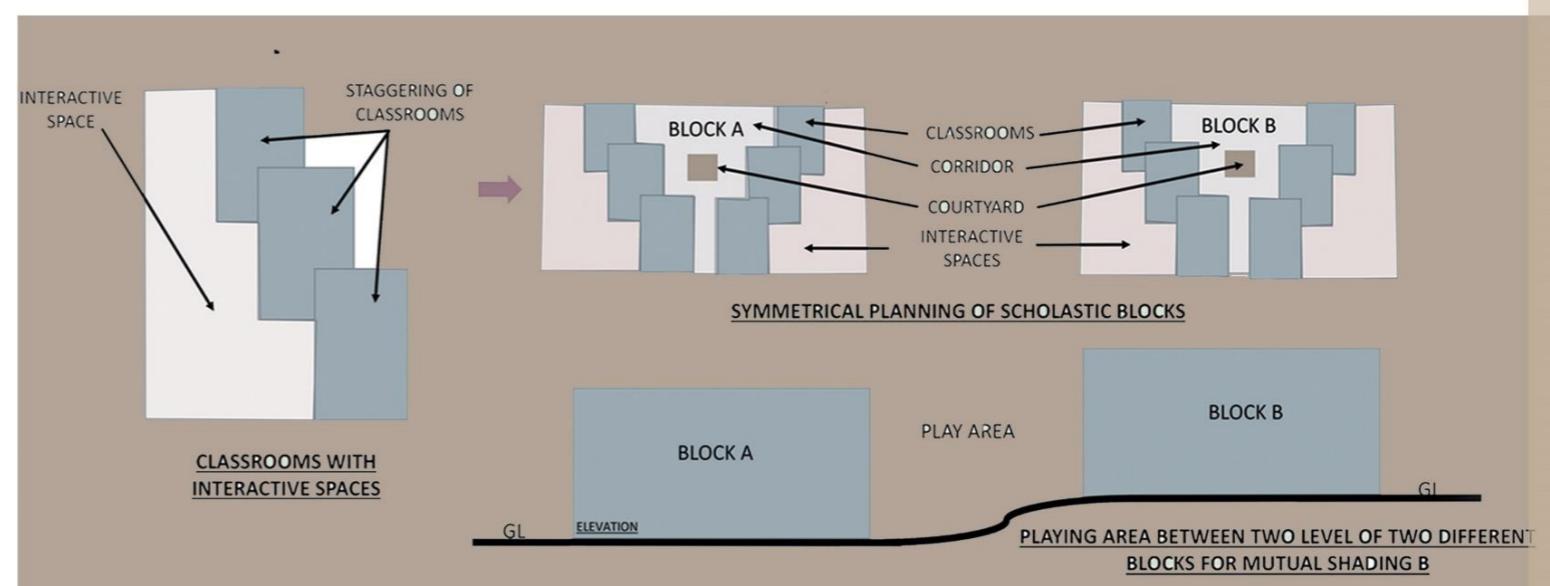
Form is kept simple with basic shapes and also created a easy flow of circulation around the campus, so that students are not put in trouble to navigate.



The site is located in Kanminke village, Kumbalgodu, Bangalore. The site is surrounded by a lot of plantations and framlands. The Bangalore-Mysore highway abuts the site on the Eastern side.

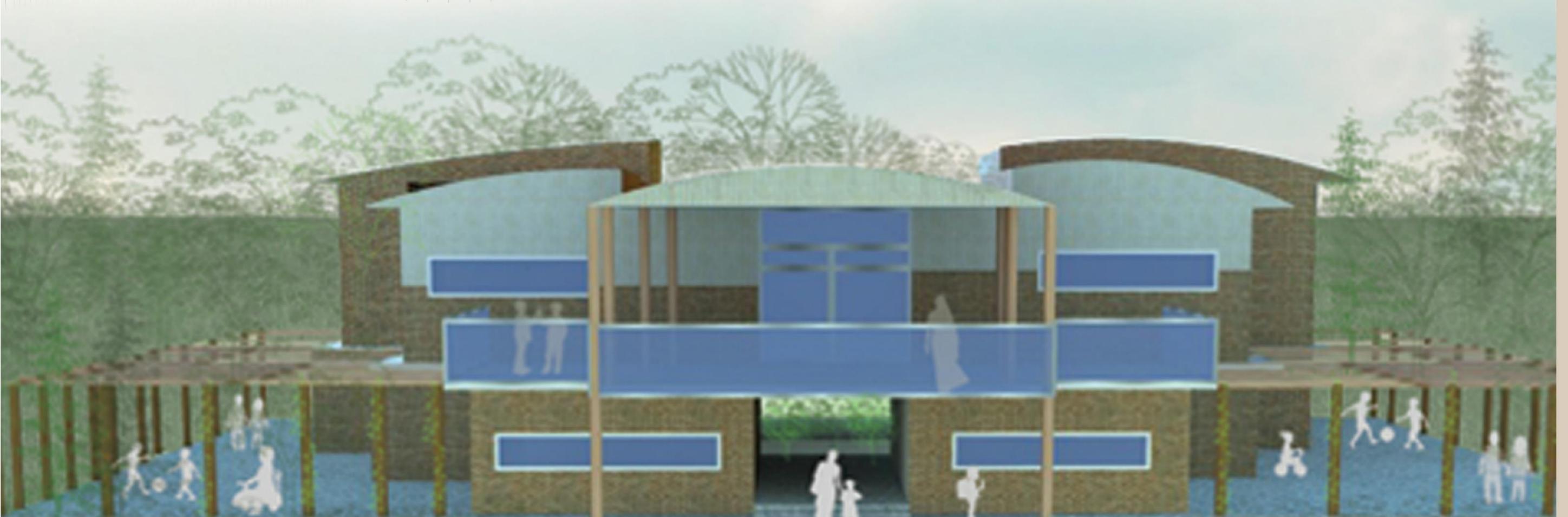
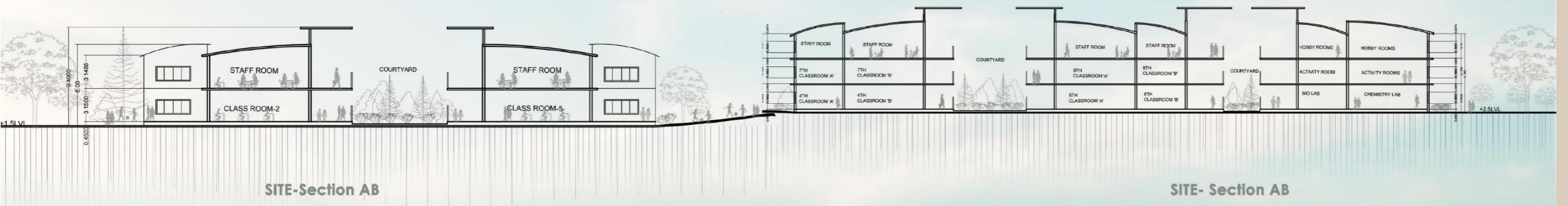
AREA : 312486 SQM (8.87 ACRES)

## CONCEPT



## SITE PLAN (GROUND LEVEL)





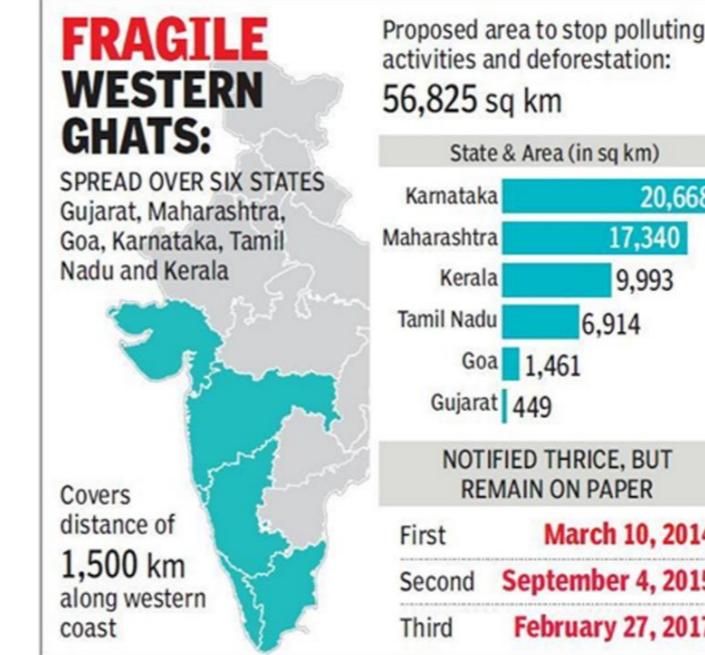
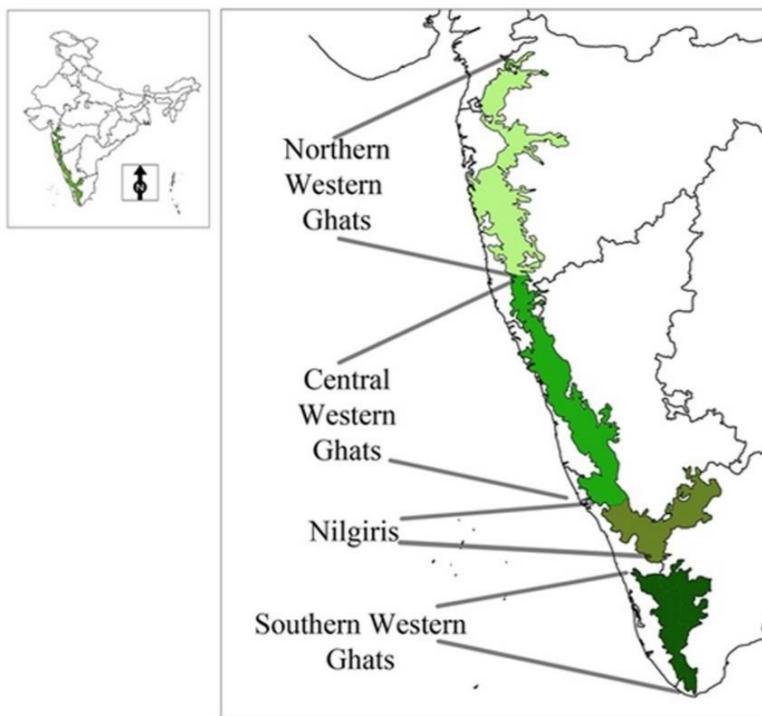
**03**  
8TH SEMESTER

THESES  
(On Going)



THE MAIN AIM OF THE THESIS IS TO DESIGN A CENTRE TO CARRY OUT WILDLIFE RESEARCH IN AREA OF STUDY MAINLY THE ENDANGERED SPECIES, WILDLIFE MANAGEMENT, ECT. THE MAIN AIM IS TO ENCOURAGE CONSERVATION, MANAGEMENT AND SUSTAINABLE USE OF NATURAL RESOURCES, WHILE ASSESSING EMERGING THREATS TO WILDLIFE AND THEIR HABITAT AND ALSO TO PROMOTE ECO-TOURISM OF THE STATE/COUNTRY. KEEPING THIS IN MIND THE DESIGN OF THE CENTRE IS DESIGNED USING BASIC FORMS AND SUSTAINABLE DESIGN.

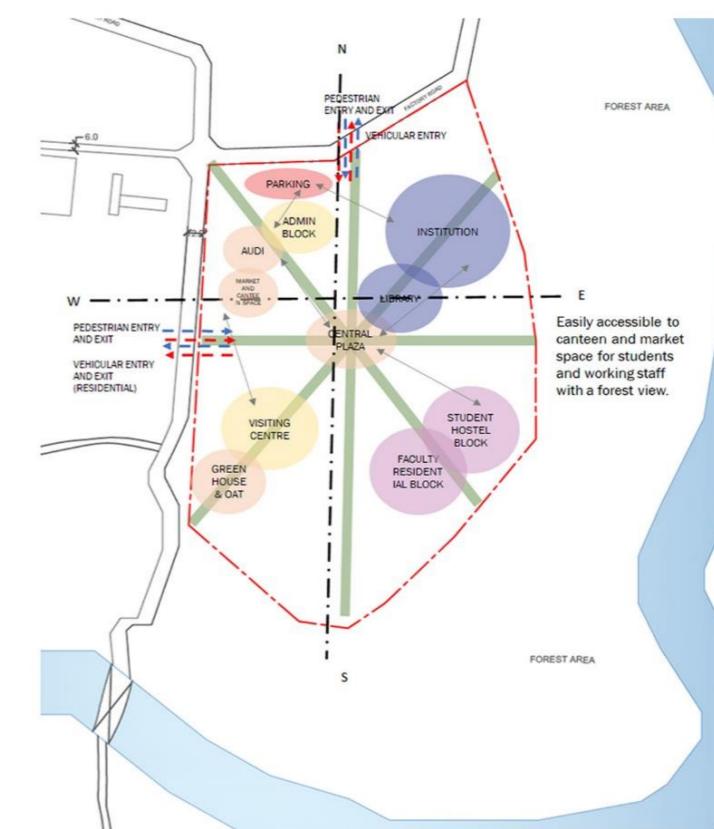
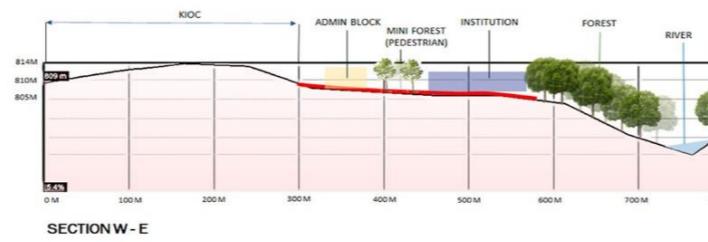
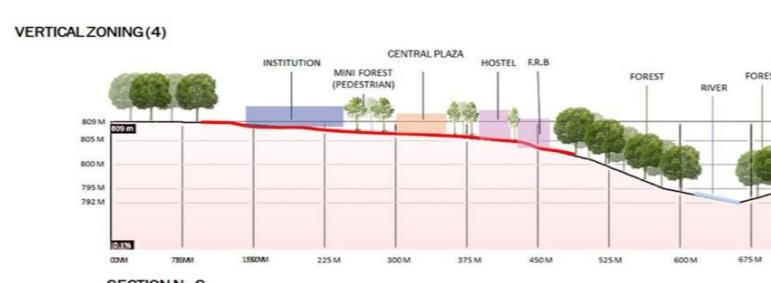
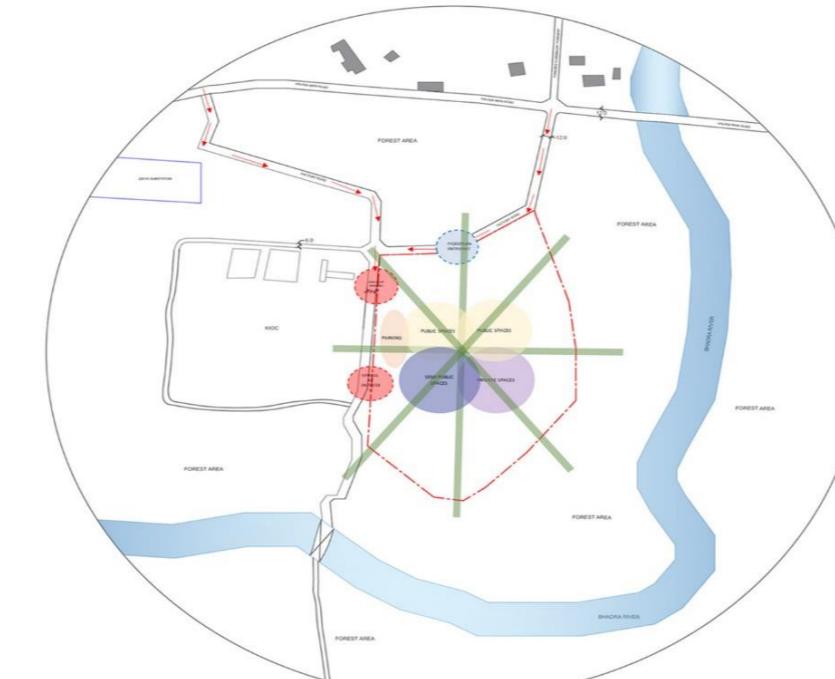
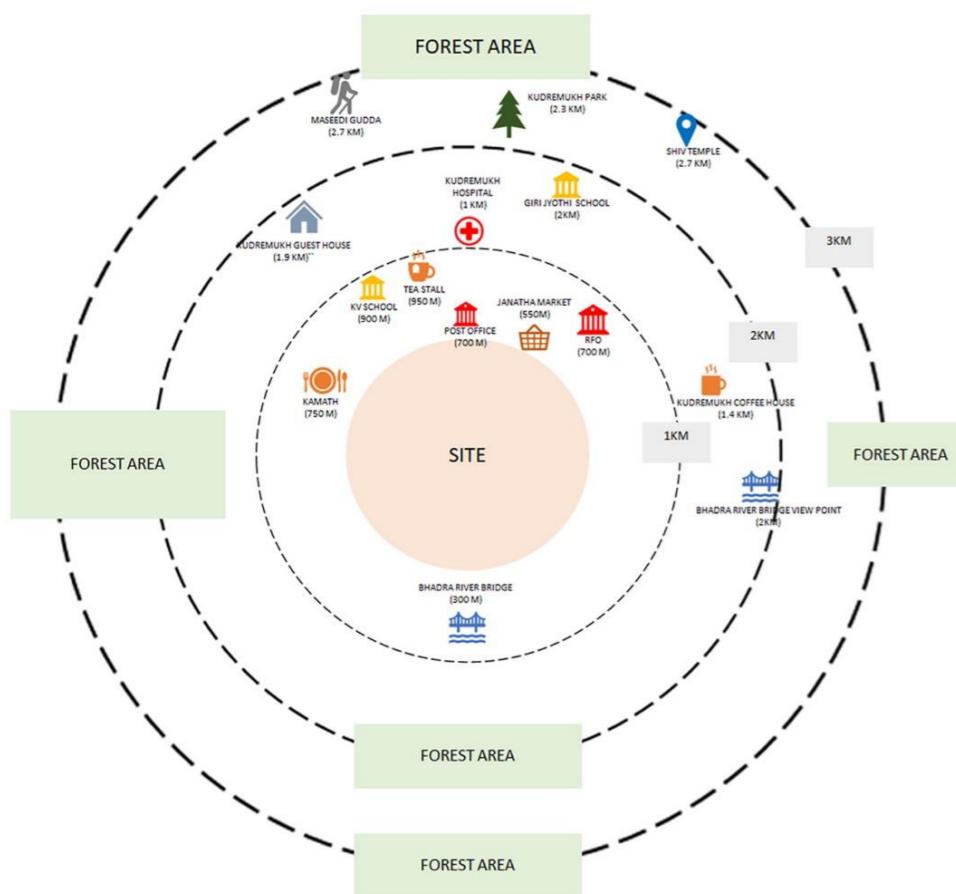
# WHY WESTERN GHATS?



The wildlife conservation and management has become very important as there are many endangered species in India. Western Ghats is a home for many animals in India, and only 25% is protected area. As there is no any such institution in Southern Part of India to look after these habitats, and to promote eco-tourism of the state.

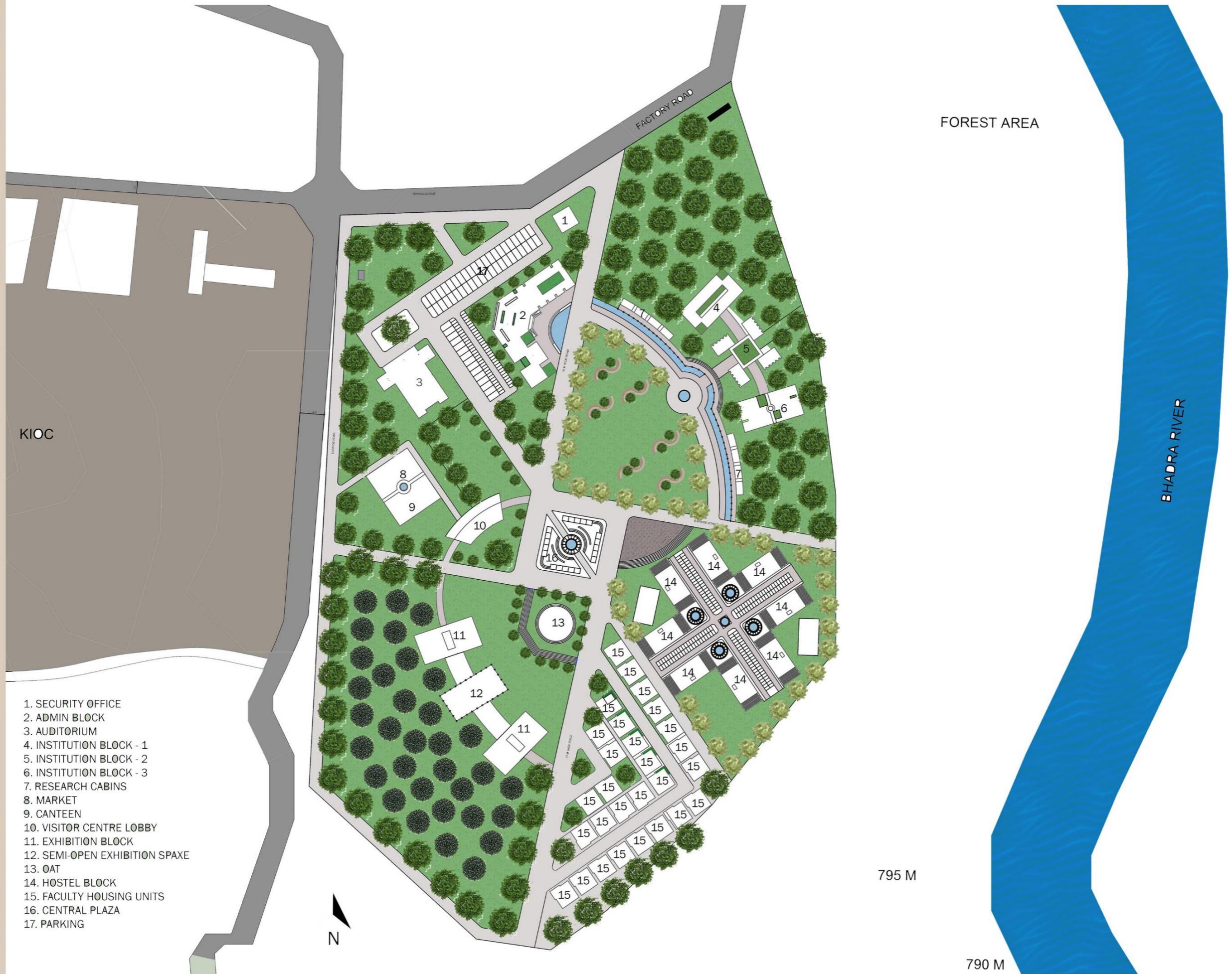
## SITE ANALYSIS

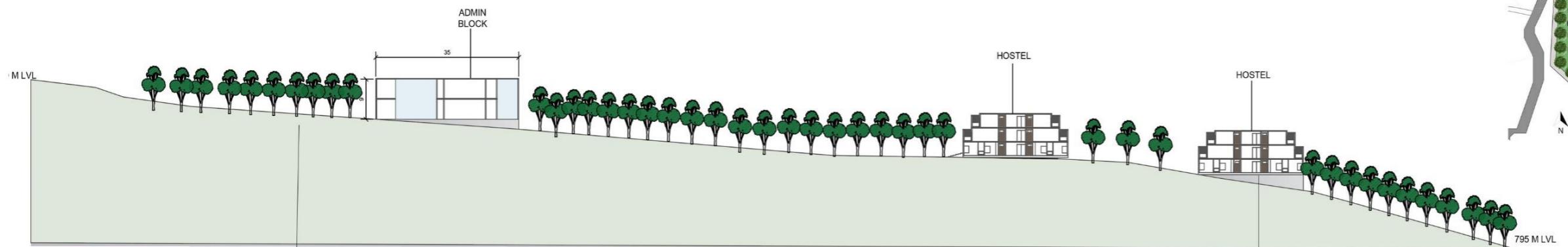
The site is in the township of Kudremukh. Kudremukh is a mountain range and located in Chikmagaluru. The site is easily accessible by road. The selected site is in the central part of the Western Ghats, as it will be easier to design an institution and as it is in the mountain range, it is easier to conduct research.



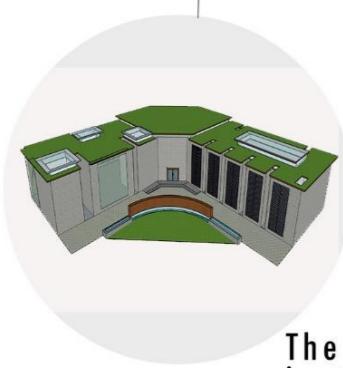
As the existing site belonged to KIOCL, which was known as 'The Heart of Kudremukh'. The concept was derived from there, dividing the site into 4 chambers as heart which has public, semi-public and private zones, which are divided by main 2 streets running NE-SW and NW-SE directions.

## CONCEPT AND ZONING

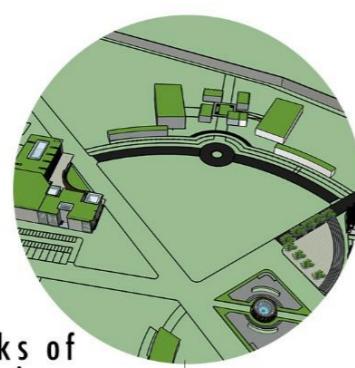




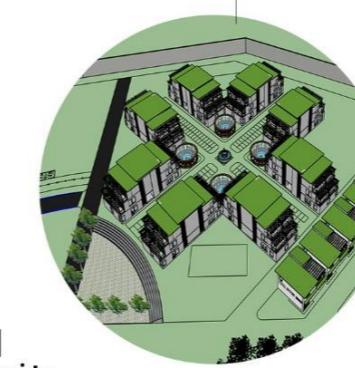
SECTION AA



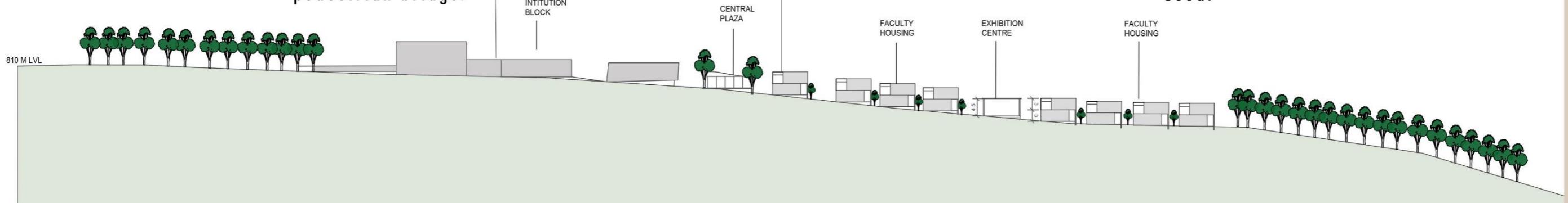
The 3 blocks of institution is interconnected with the central pedestrian bridge.



Individual housing units.



The hostel blocks are arranged in such a way that each room is provided with a balcony. Stepped arrangement is used.



SECTION BB

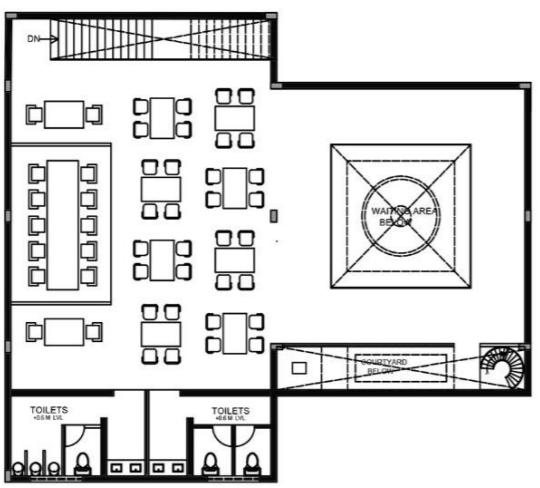
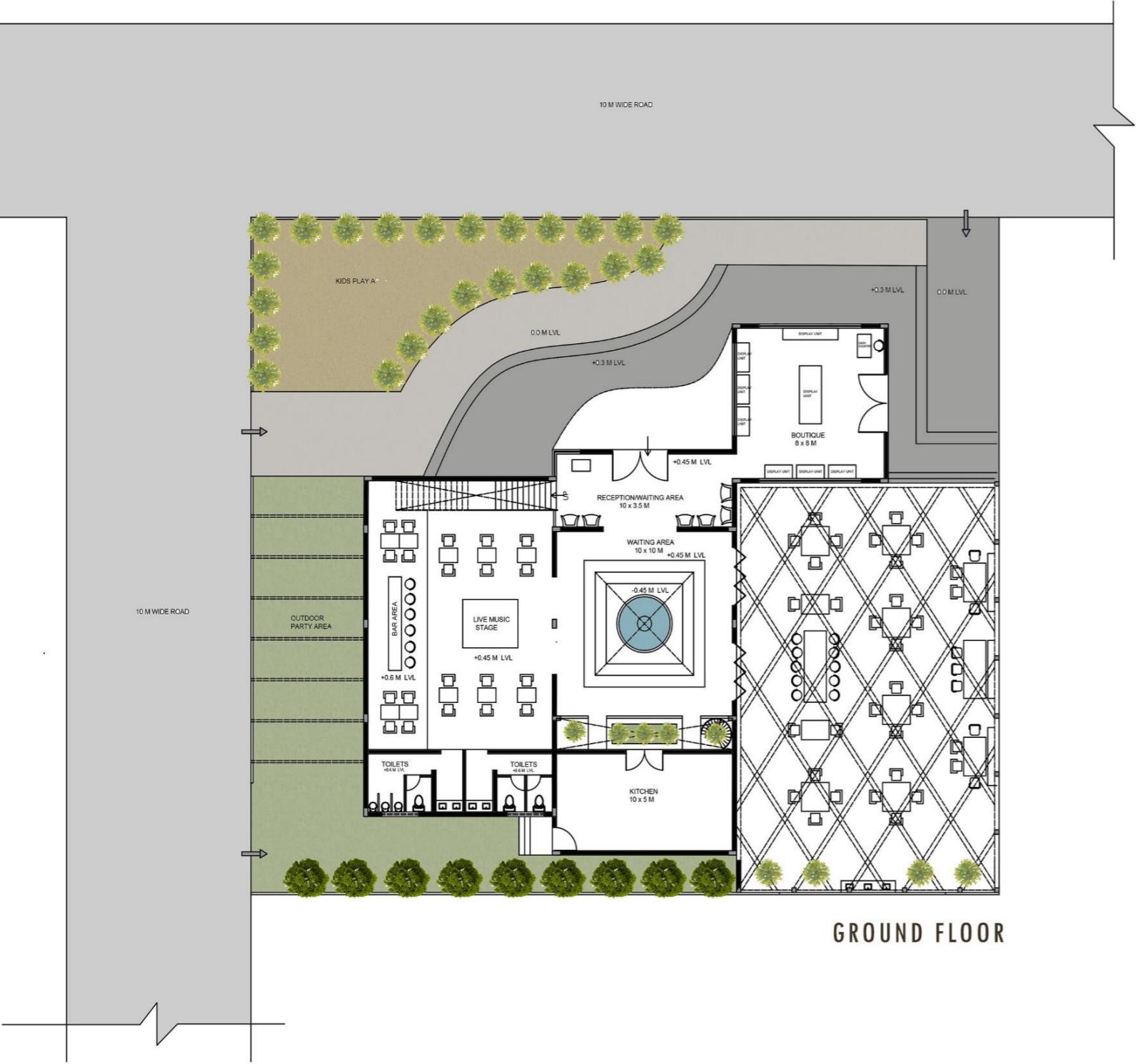
## INTERIOR DESIGN

04  
5TH SEMESTER

### RESTAURANT DESIGN

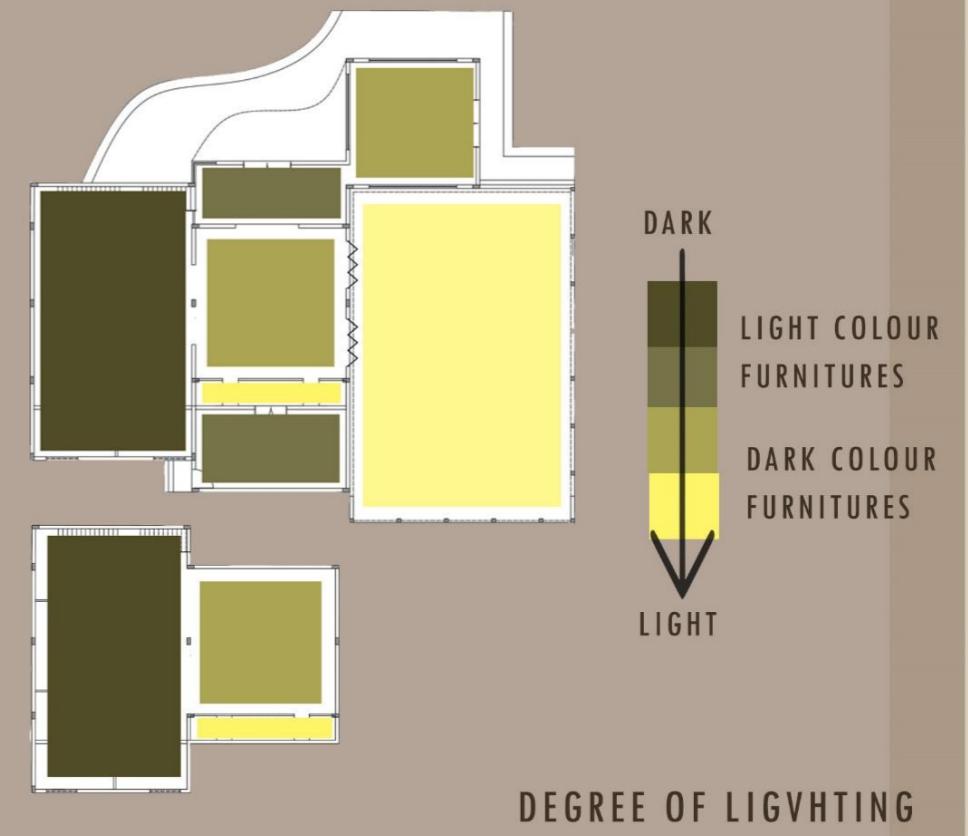
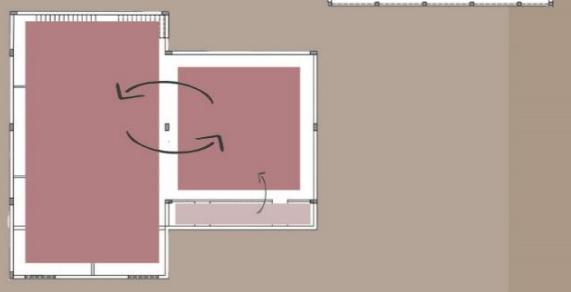
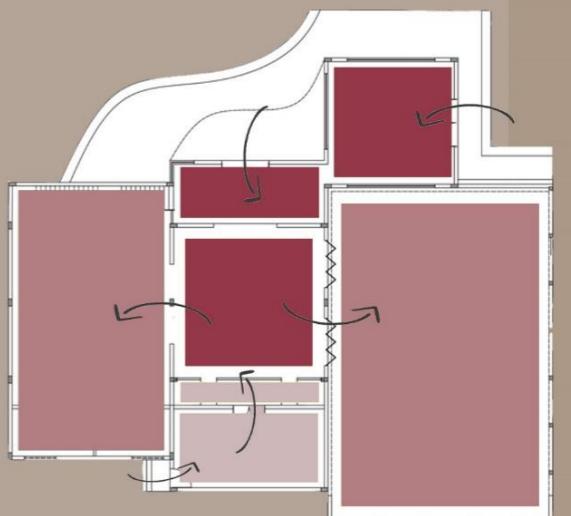


The project centred around the concept of Contrast of two different styles of architecture, inspired by the concept of 'yin-yan'. The theme of the restaurant is contrast of Contemporary and Eclectic styles. Contrast in sizes, shapes, colours, materials and textures are represented by highlighting the two styles in different spaces of the restaurant.

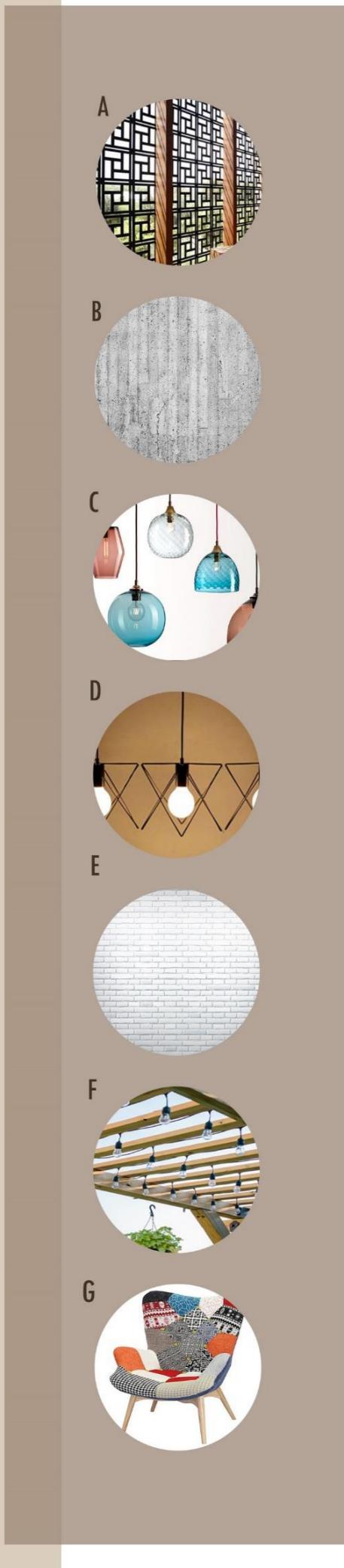


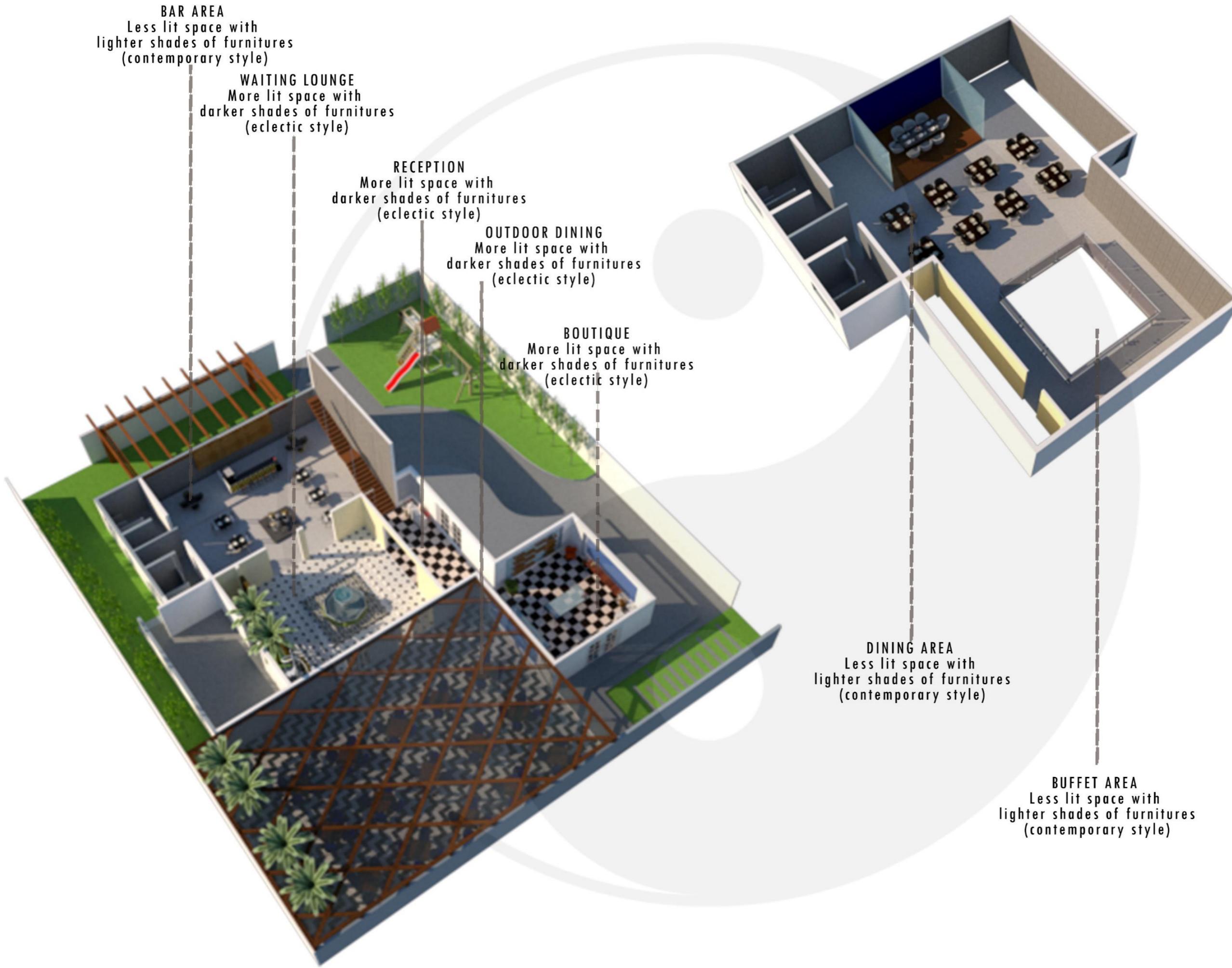
## DIVISION OF SPACES

PUBLIC SPACES  
SEMI-PUBLIC SPACES  
PRIVATE SPACES



## SECTIONS WITH MATERIALS/FURNITURES DETAILS

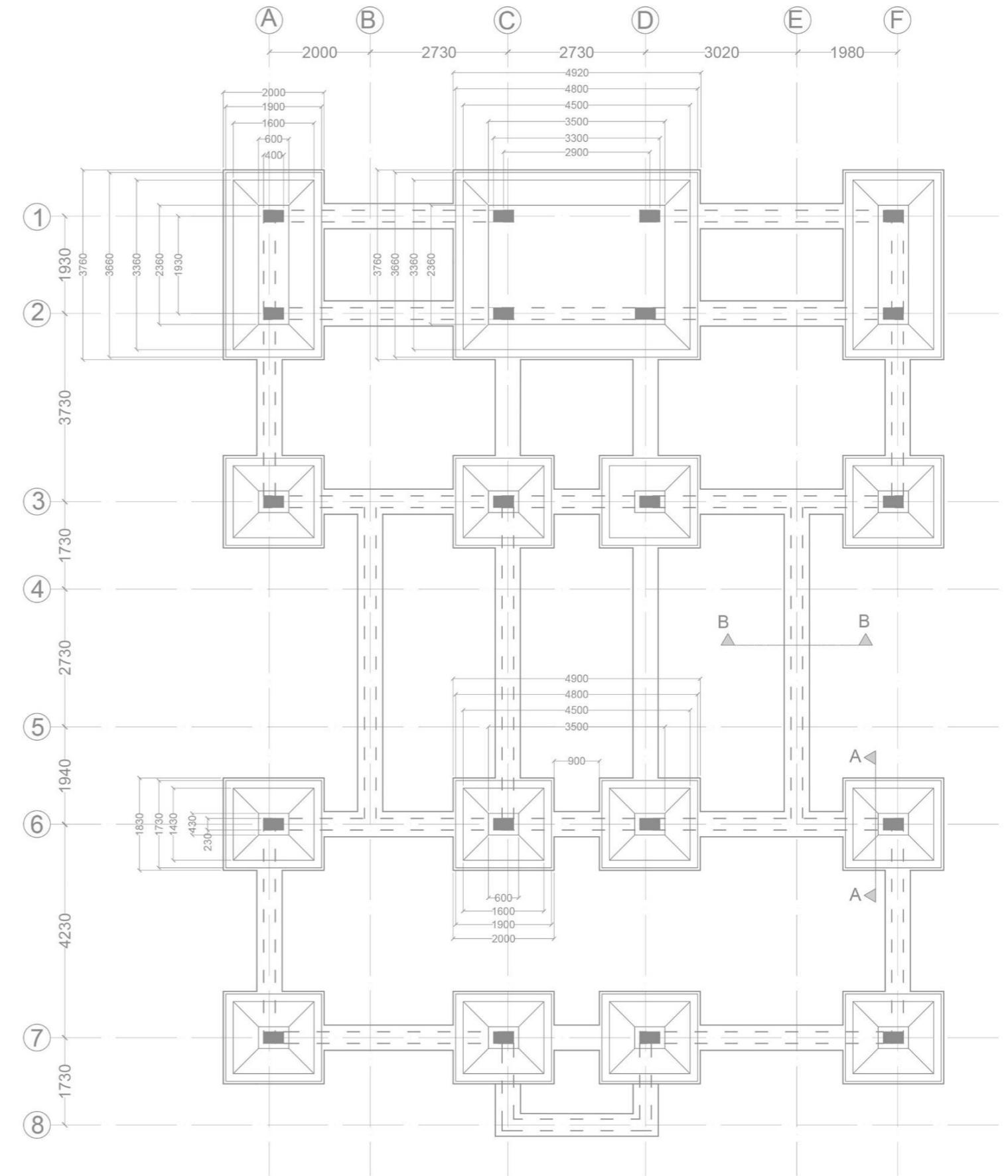




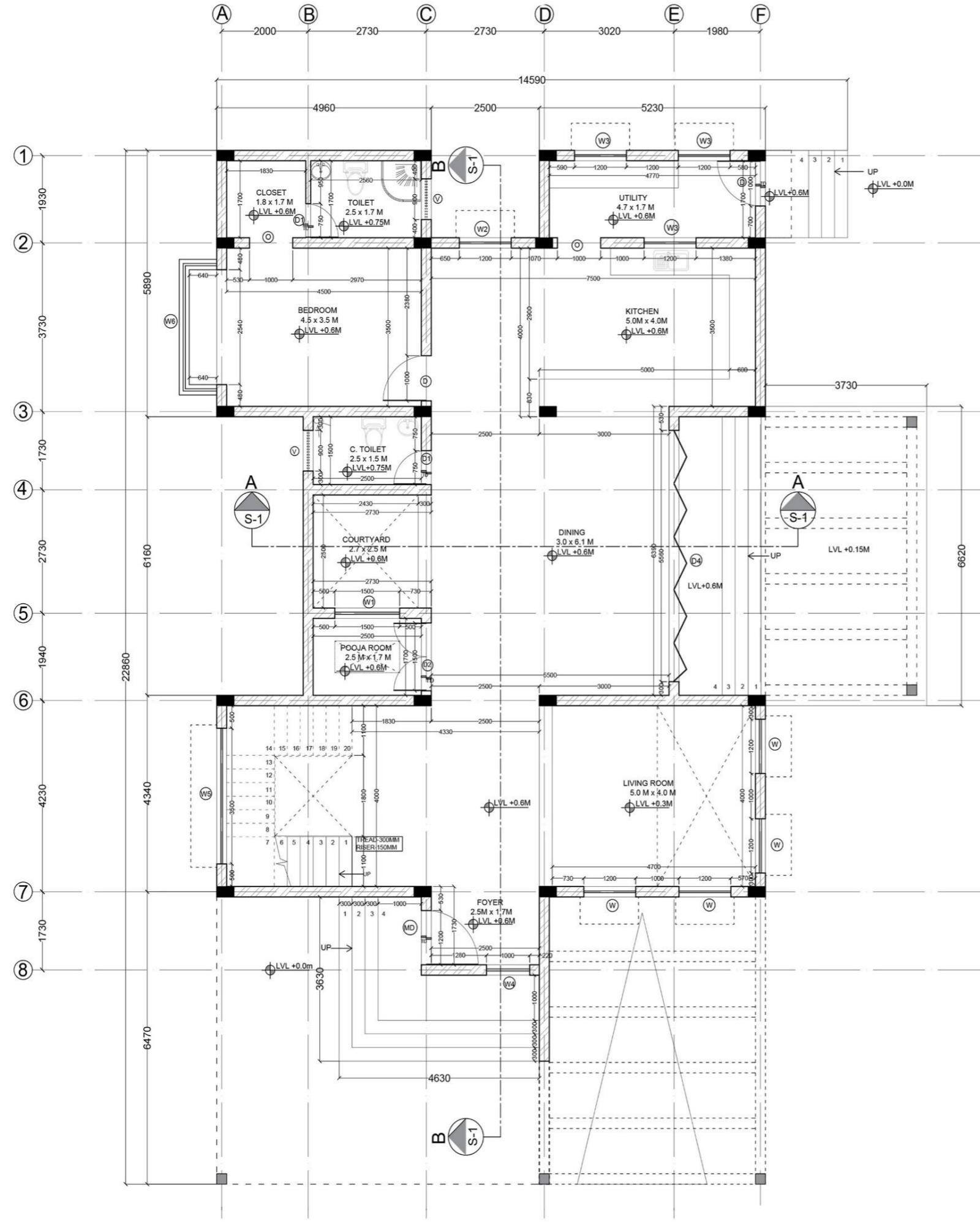
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## WORKING DRAWING

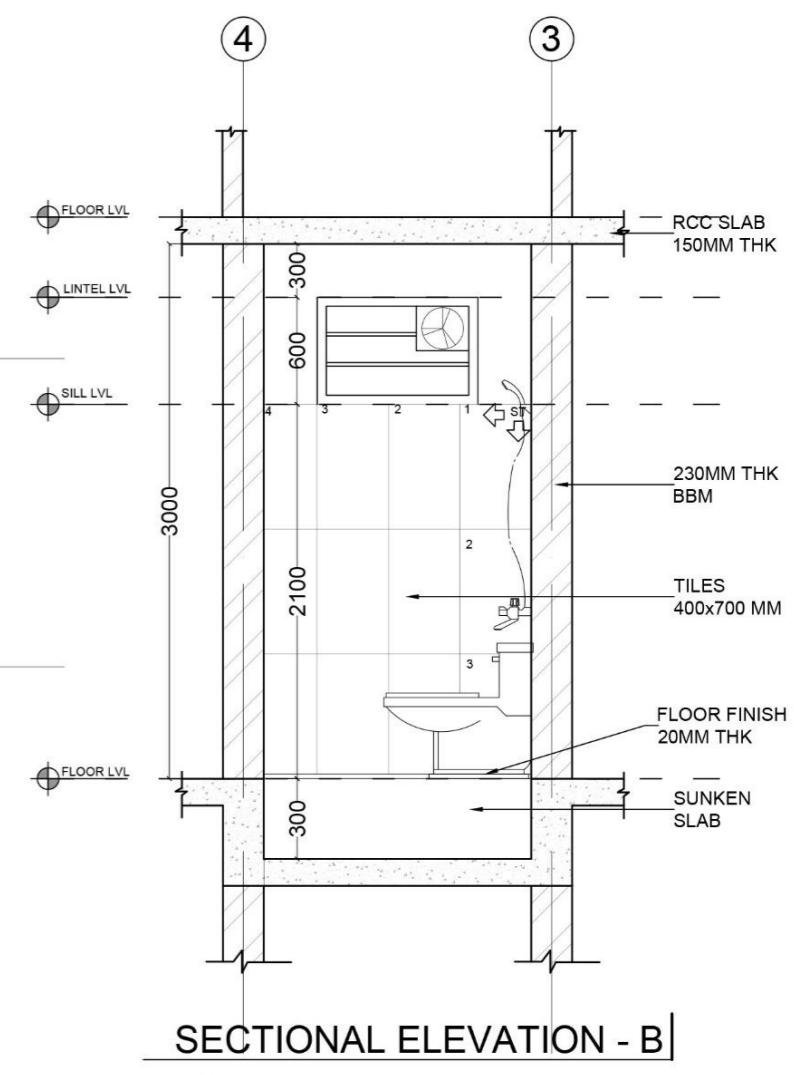
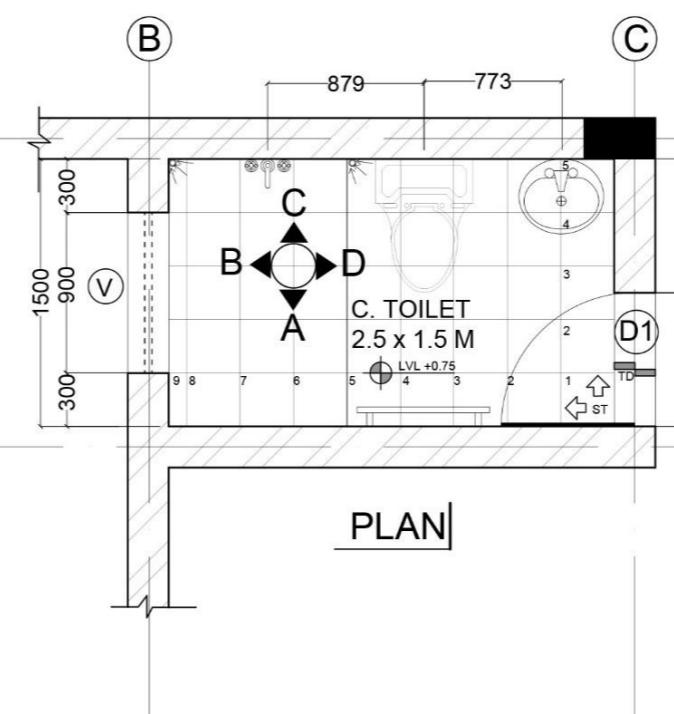
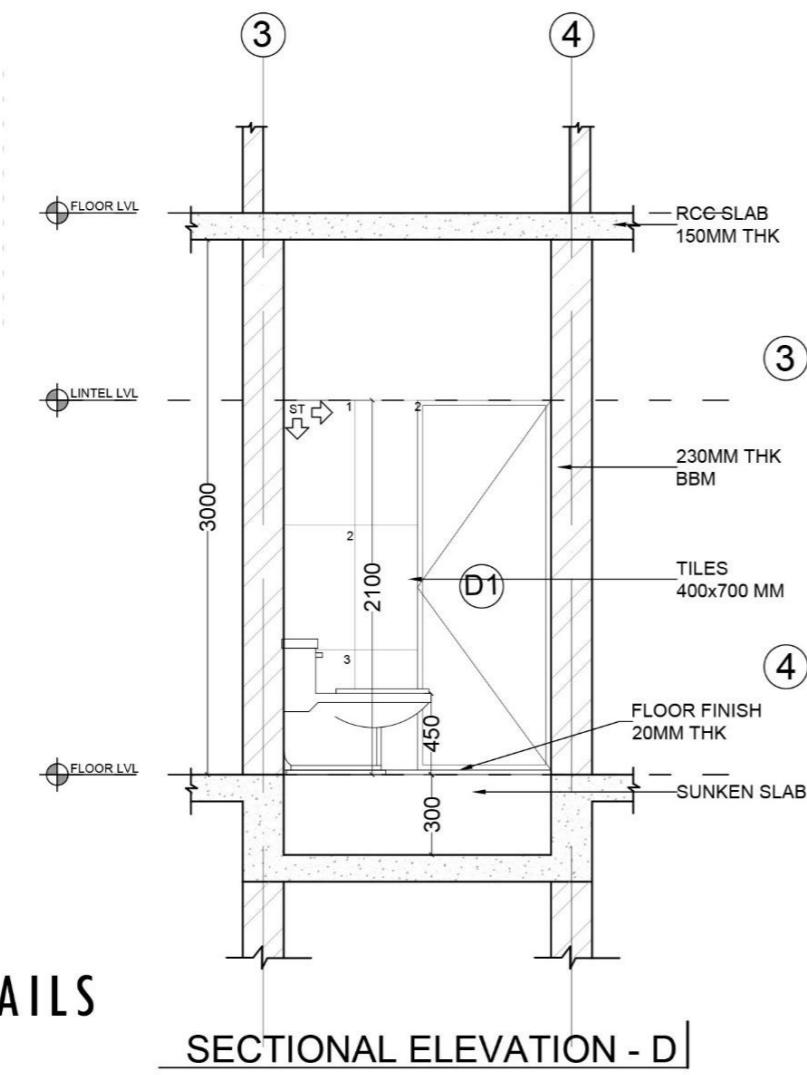
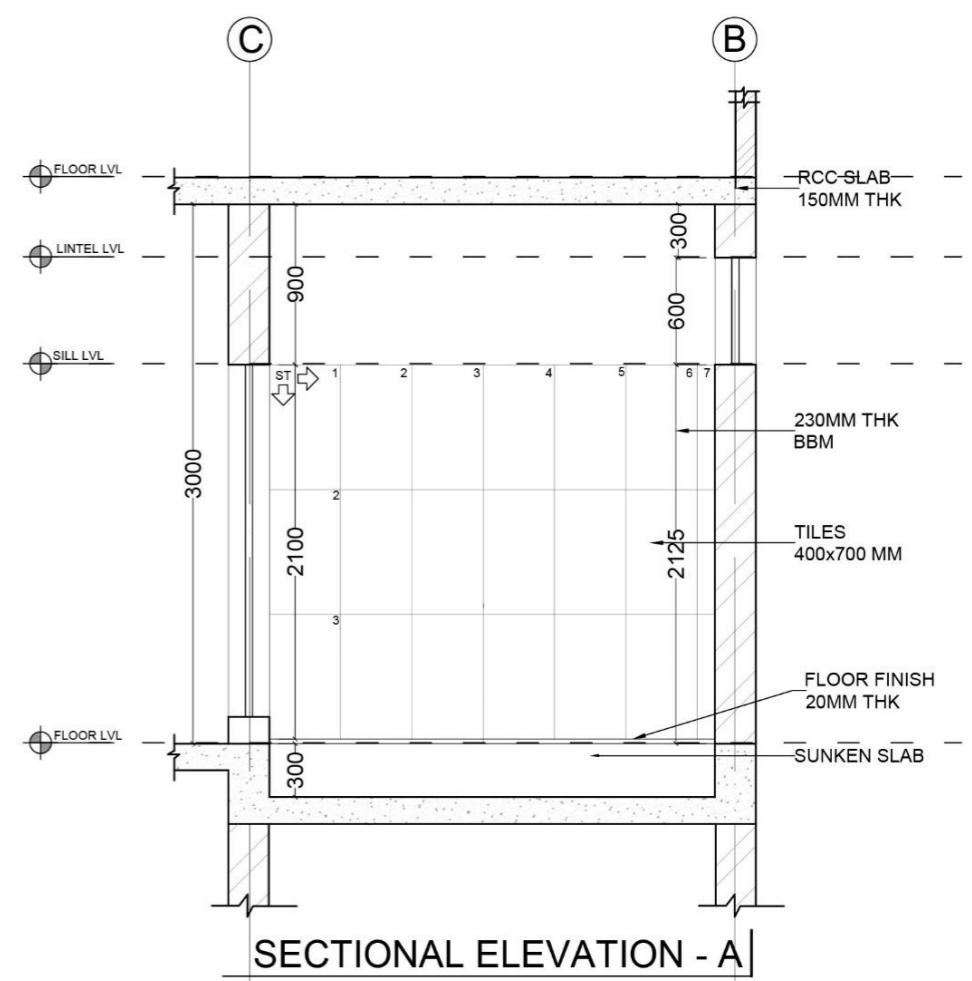
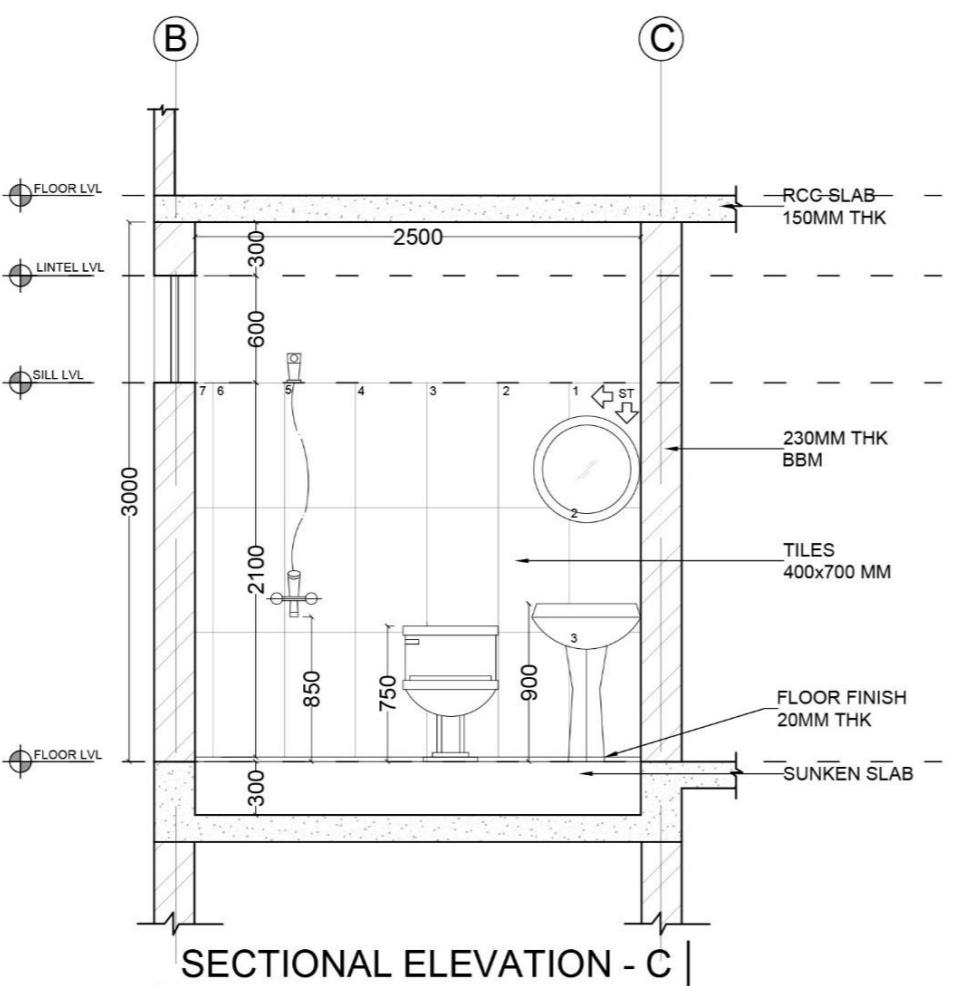
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**RESIDENTIAL PROJECT**



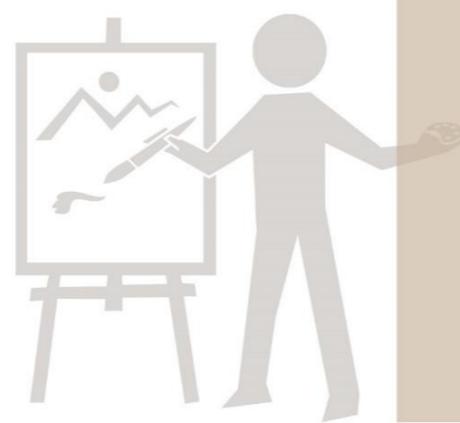
**FLOOR PLAN**  
SCALE - 1:75



**TOILET DETAILS**  
SCALE - 1:25



## OTHER SKILLS

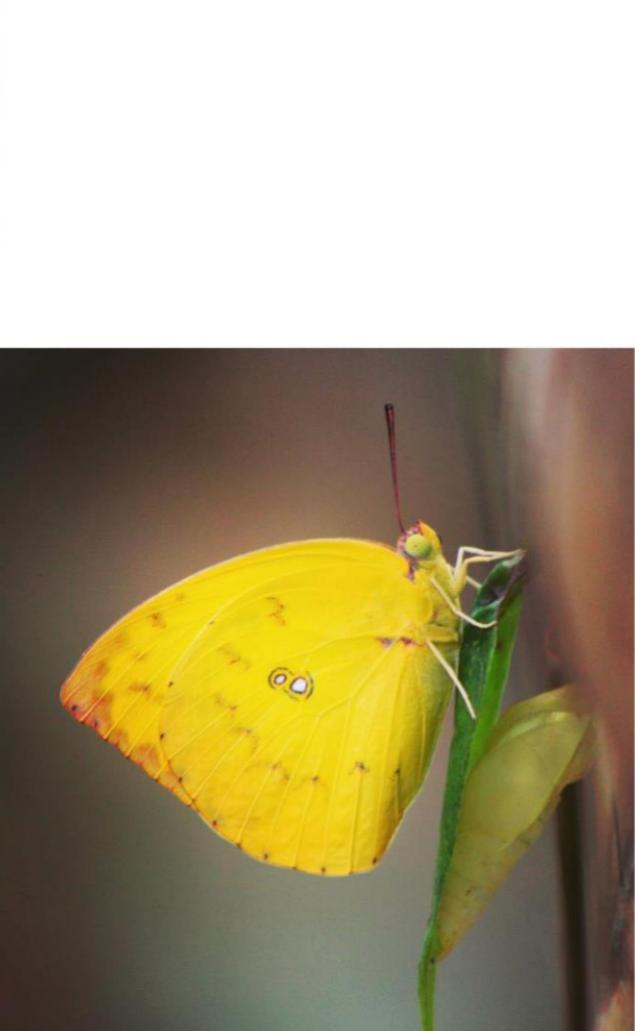
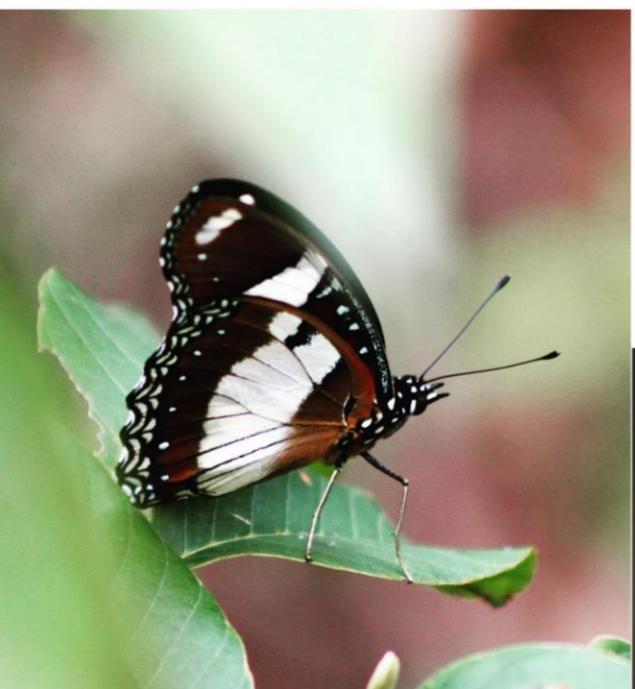


06

## PHOTOGRAPHS...



TAKEN DURING A NATURE WALK  
CONDUCTED BY THE INDIAN  
FOUNDATION FOR BUTTERFLIES.



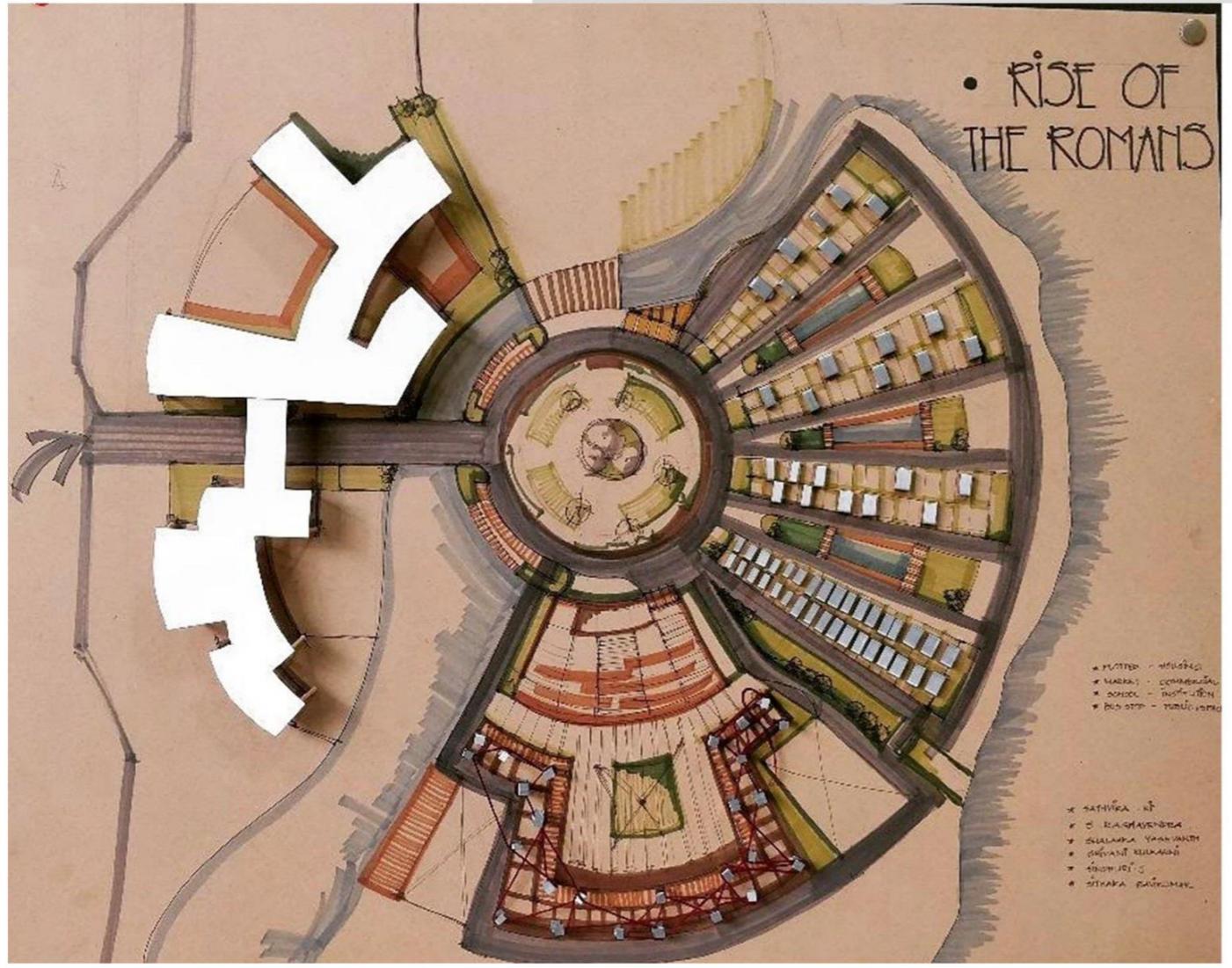
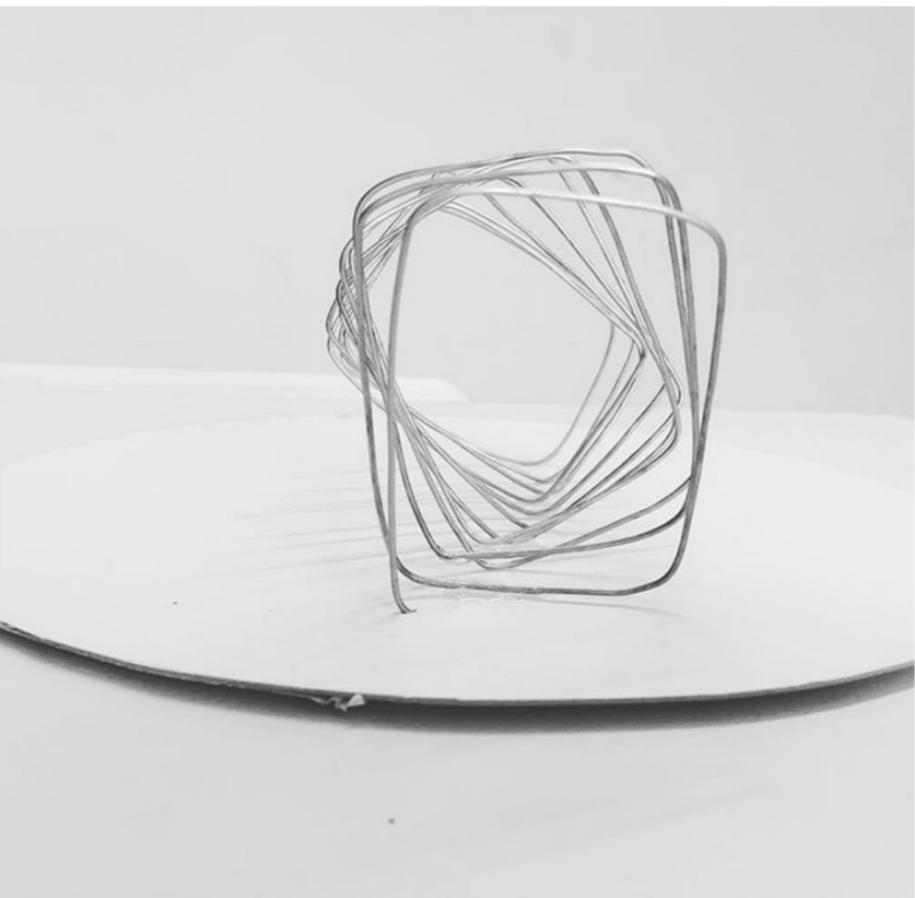
NATURE INSPIRED...

TAKEN DURING A STUDY TOUR  
CONDUCTED BY THE COLLEGE.

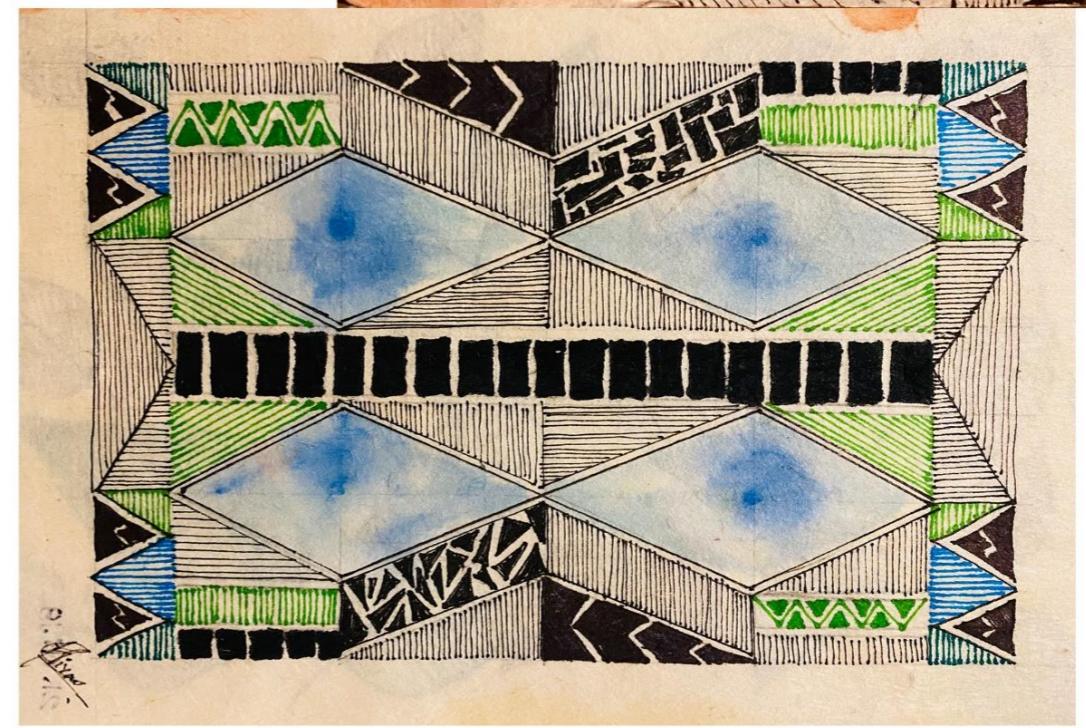


ARCHITECTURE INSPIRED....

MODEL



ART WORK





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