



# ANTARA PATEL

ARCHITECTURE PORTFOLIO

# Antara Patel

ARCHITECT



B/57 Sevashram Society , behind Atmajyoti ashram ellora park , Vadodara , Gujarat , India 390023 ,  
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## PROFILE

A strong believer in the ability of architecture and technology combined with design and thinking for strengthening our societies and having positive effect on the environment. Only together we can build a better future, therefore my team-working and communication skills.I reckon that design can make a difference and creative solution can be achieved for some of the world's greatest issues and i aspire to be part of the change with vision of design with sustainable impact .

## DATE OF BIRTH

9th September 1998

## STUDIES

(High school (jun 2014-jun2016  
Tejasvidyalaya (gseb) , Vadodara  
(BACHELOR OF ARCHITECTURE ( AUG 2016 - JULY 2021  
ITM SCHOOL OF ARCHITECTURE ART AND DESIGN (SAAD) , VADODARA  
AFFILIATED WITH GUJARAT TECHNOLOGICAL UNIVERSITY ,  
AHMEDABAD, GUJARAT , INDIA

## LANGUAGES

- English
- Hindi
- Gujarati

## EXPERIENCE

TRAINEE ( ACEDEMIC) JUNE 2019 - NOV 2019  
AESHA ARCHITECTS & ASSOCIATES DESIGN STUDIO |www.aaads.in  
AHMEDABAD , GUJARAT , INDIA

Overall experience of office training was satisfactory and the learning experience of the practical field was fulfilled.Office training taught various aspects related with architectural practice which deal with clients, detailing done for actual practical execution, estimating and costing for actual project, office system, process of an overall picture of how a building is to be executed from design stage to working drawings.

## SKILL

### Professional

- Design skills
- Team working
- Leadership

- Works under pressure
- Communication
- Solution oriented approach

### Personal

- Creative Spirit
- Organized
- Time management

- Positive
- Friendly
- Purposeful

## SOFTWARE SKILLS

AutoCAD



Photoshop



Revit



MS Office



Sketchup



LUMION



## TECHNICAL SKILLS

- Eye for detail
- Model Making

- Imagination / visualizing skills

- Design development

- HAND Drafting / CAD DRAFTING

## INTERESTS



Sketching



Classical & Western Dancing



Traveling



Yoga Trainer



Social Work



Photography

# THESIS

## Spiritual Retreat

### OBJECTIVES of the Proposal

The spiritual retreat center, able to combine many functions, to provide a proper spiritual and educational environment that would satisfy the needs of wellness seeker, and contribute to the formation of deep religious consciousness and spirituality. To design a spiritual retreat with wellness center where one can get help, obtain knowledge , wholesome training and treatment under one roof .

The aim is to reconnect people to morals and spiritual values. To bring authentic therapies and holistic approaches from all over the world and to develop acceptance for various culture and religion . The retreat to soothe one's soul amid the serenity and beauty of nature. The center where a person learns to self-heal with the help of nature and internal energies for a rejuvenating and stimulating experience. "Nature is the doctor ."

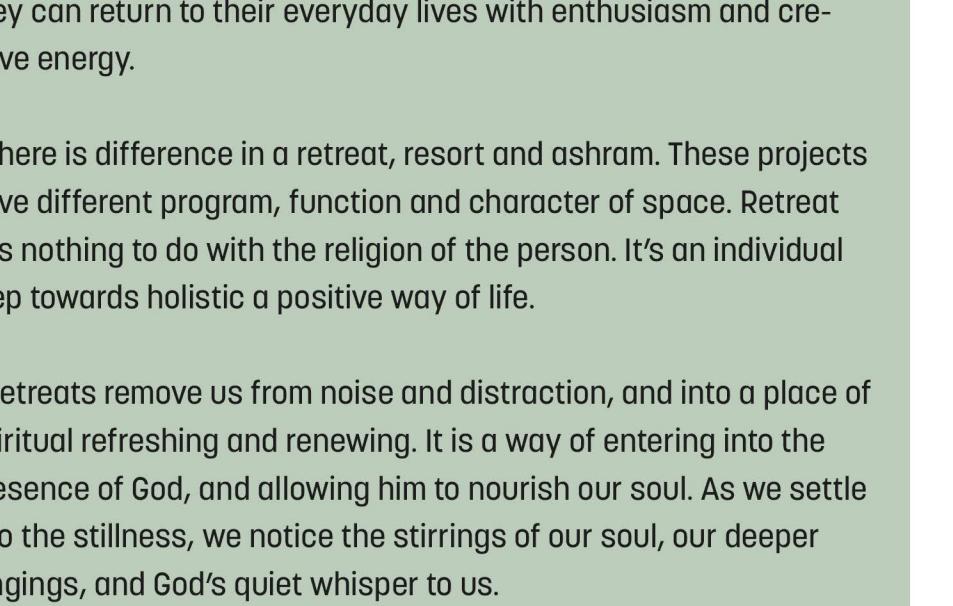
### What is Retreat and Importance of Spiritual Retreat?

Retreat is define as "a special period of group or individual withdrawal to a place of seclusion for the purpose of deepening the spiritual life of participants through such means as prayer, meditation, study and instruction under a director or a monk".

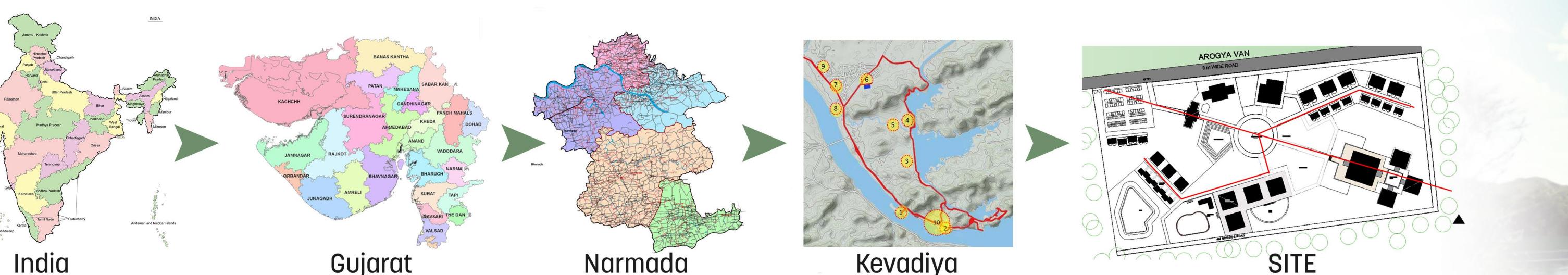
- Retreat is a time and place set aside for a person or group to Re-view. Re-evaluate, take a different perspective on their lives so they can return to their everyday lives with enthusiasm and creative energy.

- There is difference in a retreat, resort and ashram. These projects have different program, function and character of space. Retreat has nothing to do with the religion of the person. It's an individual step towards holistic a positive way of life.

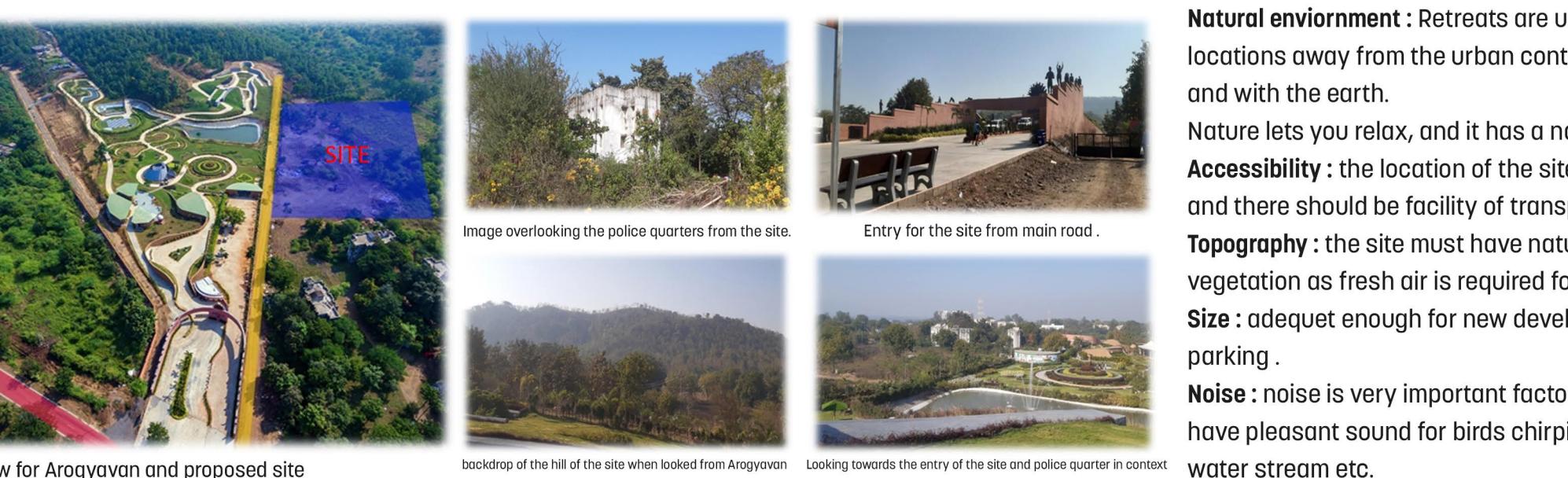
- Retreats remove us from noise and distraction, and into a place of spiritual refreshing and renewing. It is a way of entering into the presence of God, and allowing him to nourish our soul. As we settle into the stillness, we notice the stirrings of our soul, our deeper longings, and God's quiet whisper to us.



### LOCATION



Kevadia is a census town nestled between Aravalli and Vidyanchal range , aslo on the bank of Narmada river OF Gujarat. This town is famous tourist Location, as Statue of Unity is located here. Since the SoU was inaugurated in October 2018, the state government has worked to bring Kevadia on the world map of tourism with a cluster of theme-based projects.



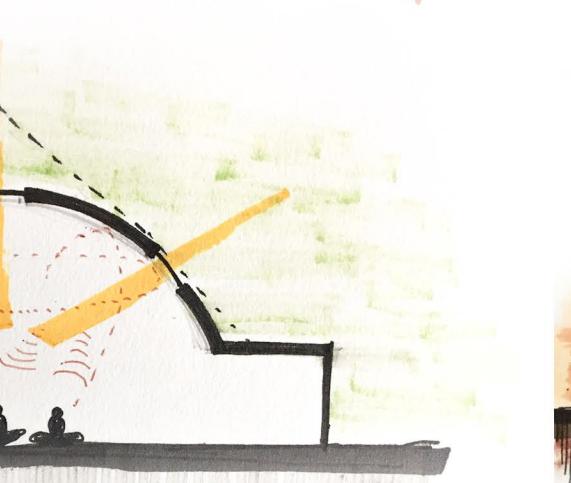
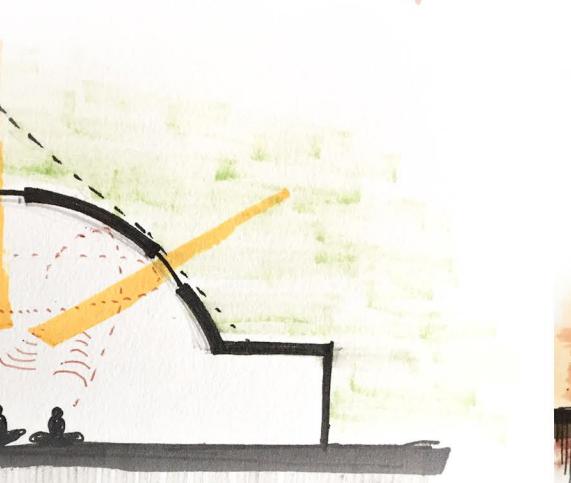
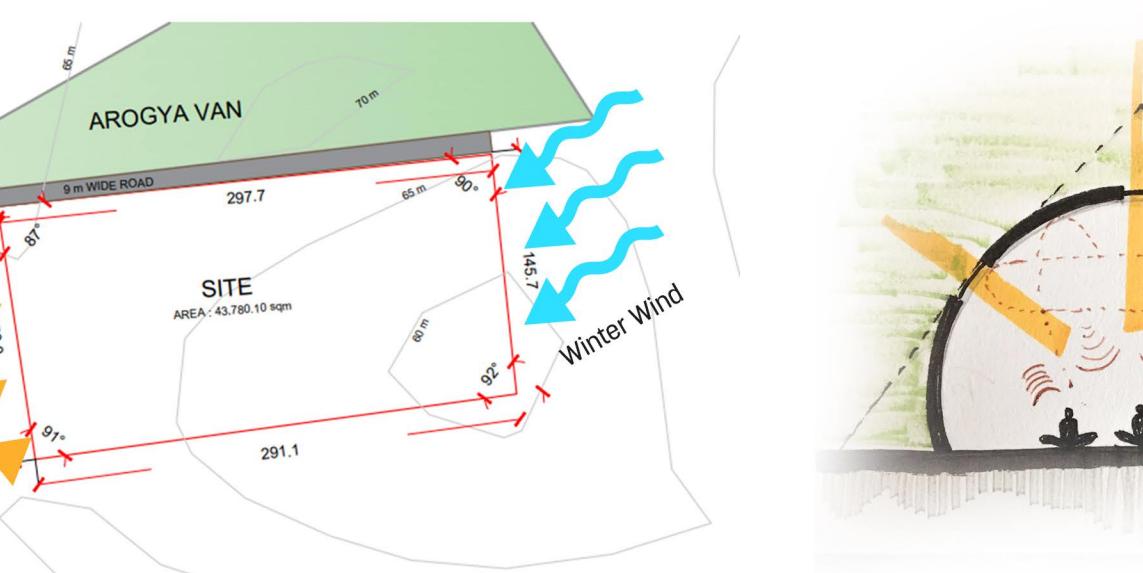
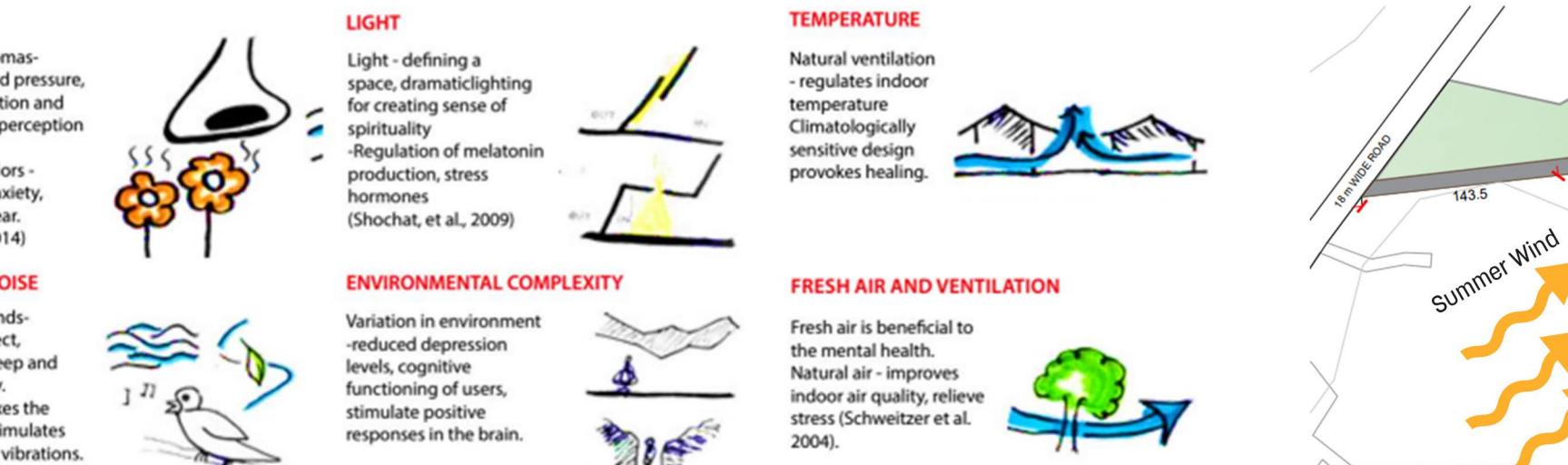
Airel view for Arogyavan and proposed site

backdrop of the hill of the site when looked from Arogyavan

Looking towards the entry of the site and police quarter in context

Entry for the site from main road.

### DESIGN CONSIDERATION



# THESIS

## Spiritual Retreat

As there is a presence of beautiful hill in the backdrop of the site , aim was to arrange each cluster of building towards the hill.

Creating a dominant axis in the centre , dividing the site for accommodation and rejuvenation activities .

Functions are placed in radial planning .As there is a presence of beautiful hill in the backdrop of the site , aim was to arrange each cluster of building towards the hill.

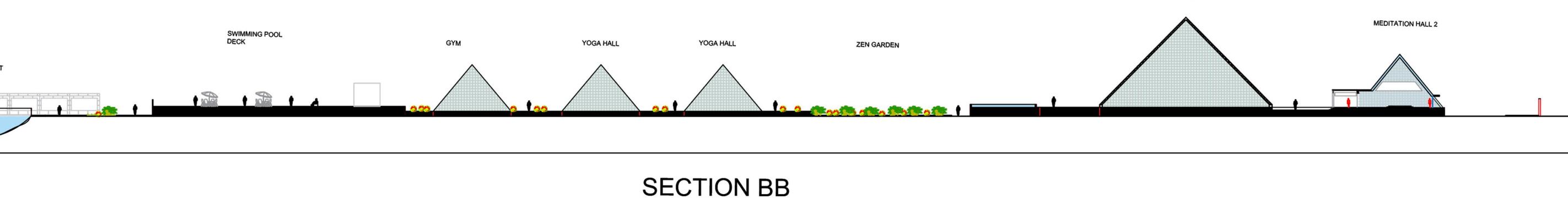
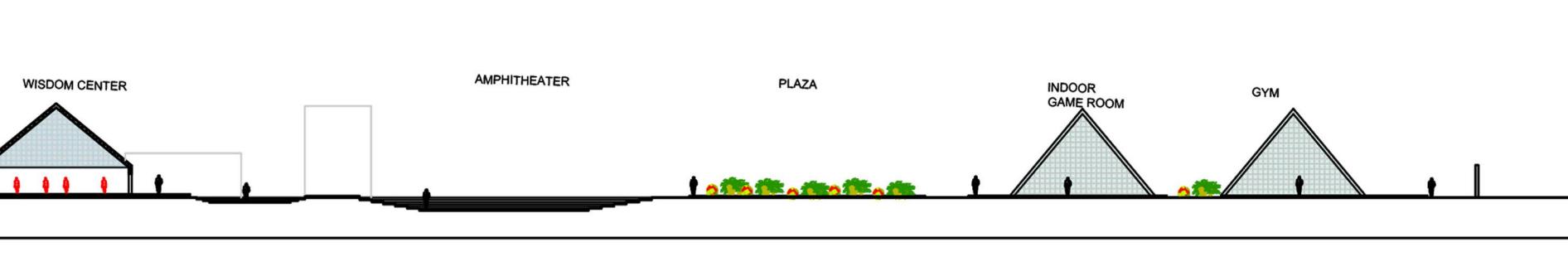
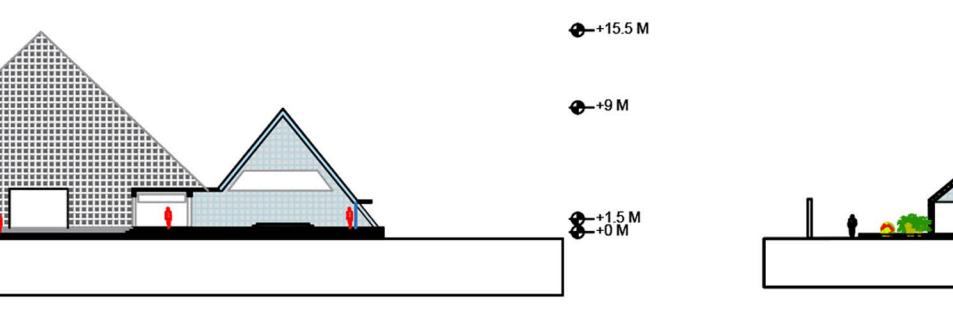
Creating a dominant axis in the centre , dividing the site for accommodation and rejuvenation activities .

Functions are placed in radial planning .



### Building Form

Pyramid is considered to be stable form . it also signifies upward growth .Since ancient times pyramidal forms have been used for sacred functions .and in spiritual architecture as well as in temple architecture this form has shown outcomes in balancing the energy of the individual while performing rituals or just sitting under the pyramid.



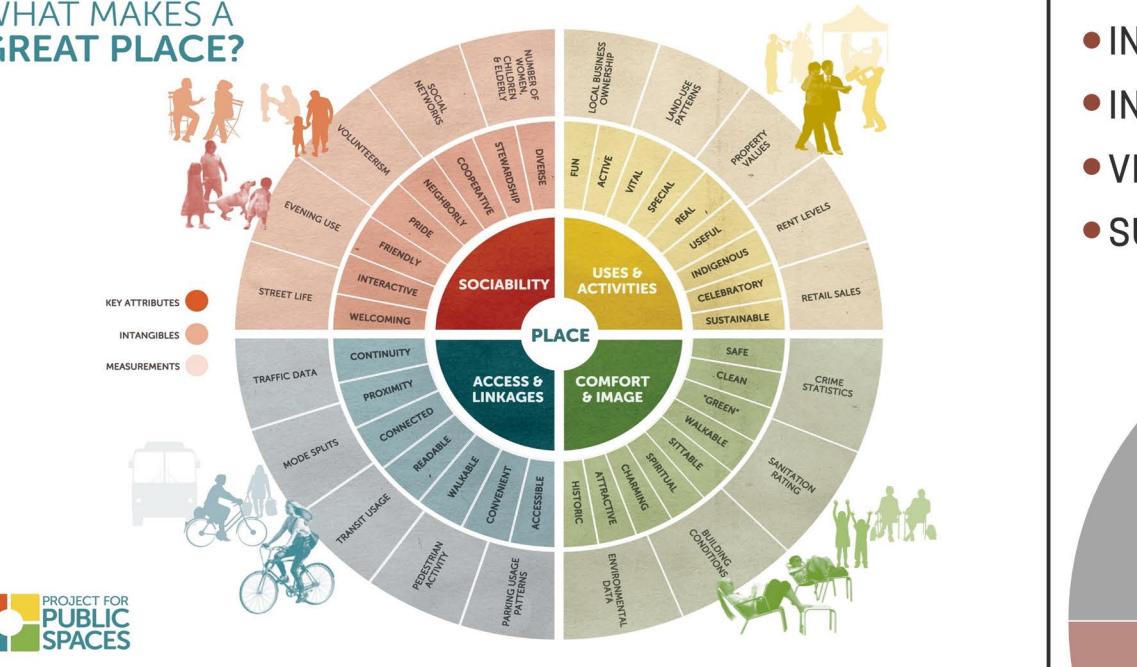
SECTION AA

SECTION BB

# Urban Studio

## Revitalization of Public Realm

Fundamentally city is about people. Where people go , where people spend their most of the time. More important than buildings is quality and effective public space in the city. The overall image of a city as a place of vitality, opportunity and diversity depends on how lively and full of activity its public spaces are.



A successful public space generally needs to offer four qualities: it should be accessible, it should be comfortable and have a good image, people should be able to engage in an array of activities, and, it should be sociable.

### Concept of PLACE MAKING

An effective place making process capitalizes on a local community's assets, inspiration, and potential, and it results in the creation of quality public spaces that contribute to people's health, happiness, and well being.

- When people of all ages, abilities, and socio-economic backgrounds can not only access and enjoy a place, but also play a key role in its identity, creation, and maintenance, that is when we see genuine place making in action.

### VISION

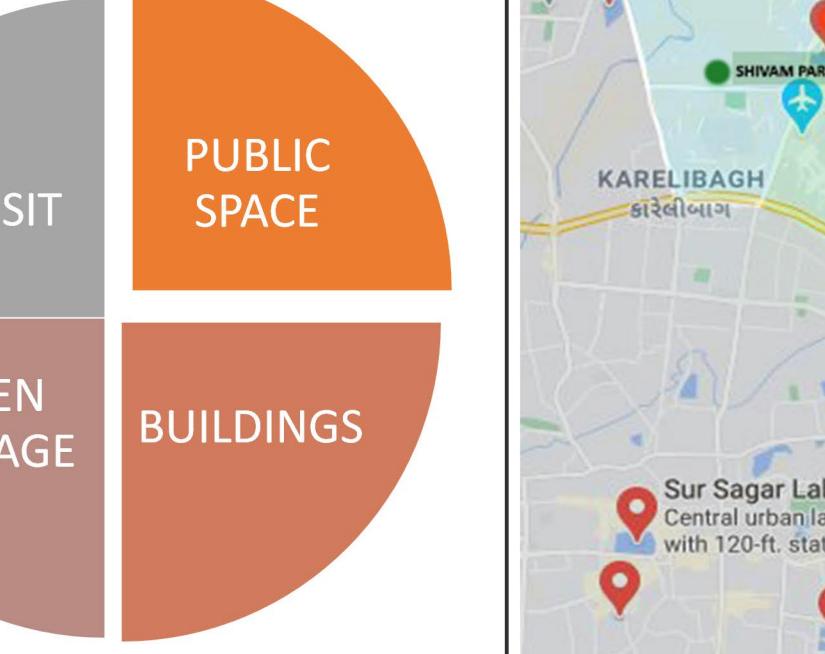
Fundamentally city is about the people. Where people go, where people spend most of their time . More important than a building is an efficient and quality public space in the city.

Matter of fact that city is continuously growing, what is left is dead open pockets .Now taking such open pockets as an opportunity I want to design a public place which is used for common good of the city. Objective is to use powerful open pockets and keeping spaces for flexible use by creating an effective and quality neighborhood with tree covered pedestrian streets, kids zone park, yoga and meditation center along the existing lakes , not to forget the ecological concerns .

Today scenario is people spend 70% of the time in built spaces / indoors and 6-10% of the time in commuting to places. The built environment is already been created, now it's important to create positive impactful spaces which bring people out of their house and spend their quality time in open and green spaces.

### OUTCOME OF PLACE MAKING

- INVITING
- INCLUSIVE
- VIBRANT
- SUSTAINABLE
- COMFORTABLE
- SHARING PLACES
- SAFETY
- ECONOMICS



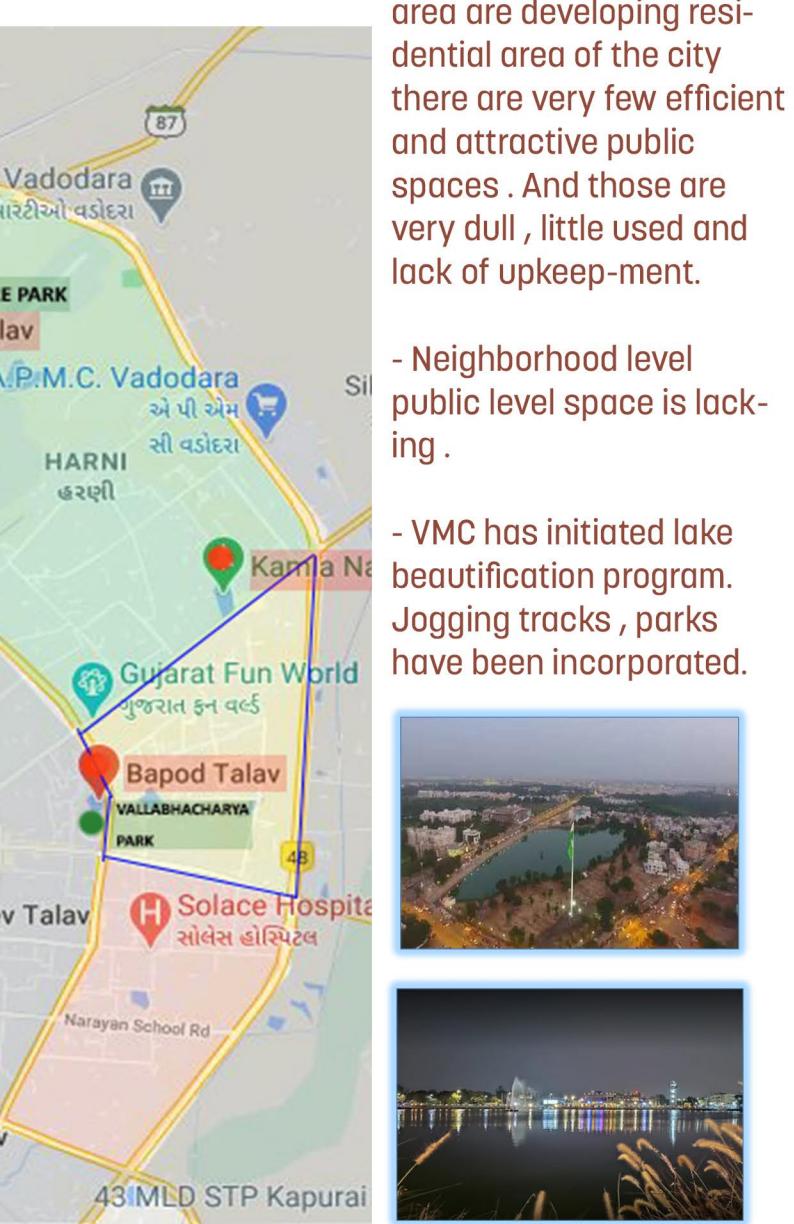
Public realm are lungs of the city.

#### EVERYDAY URBANISM :

It is an approach to urbanism that finds meaning in everyday life . Activities oriented.

- Encouraging community activities . Work shops , competitions.
- Happy hours , open stage for new local talents.
- Flea markets encouraging local art and craft .
- Deed of Charity .
- Free primary education on public space for under privileged kids by volunteers. Cleaning programs . Marathons . Happy streets.

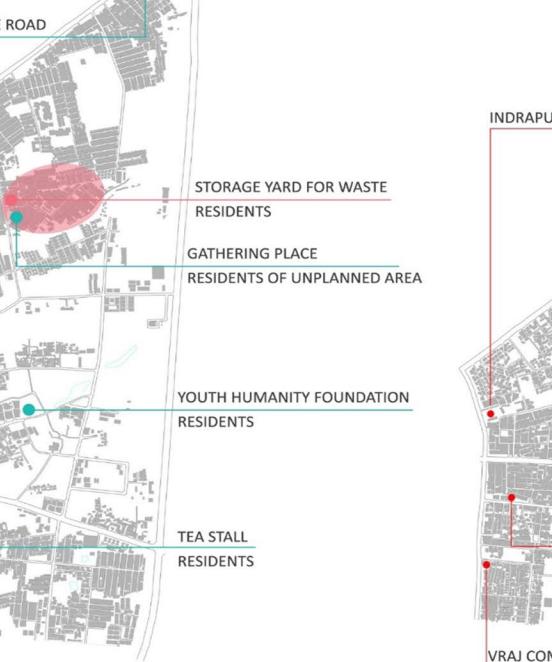
### PUBLIC INFRASTRUCTURE IN 4 STUDY ZONE



### PUBLIC SPACES IN THE FOCUS AREA

- Public space of area is important asset which impact social life of residents.
- Open , accessible and inviting public space plays a key role in making city full of life .
- Public spaces are meant to be organized chaos. But leisure activities being performed on the main roads which is risky for people.

#### INFORMAL PUBLIC PLACES



#### FORMAL PUBLIC PLACES



### COMMUNITY

- Knowing fact that these area are developing residential area of the city there are very few efficient and attractive public spaces . And those are very dull , little used and lack of upkeep-ment.
- Neighborhood level public level space is lacking .
- VMC has initiated lake beautification program. Jogging tracks , parks have been incorporated.
- This area has mixed community residing which becomes asset to the as a resident as the hotchpotch of so many different people from different backgrounds
- The area is one of the areas with least number of communal violence cases, instead creating a healthy relationship between the communities and religious groups generating a vibrant atmosphere in the area.
- This area is in proximity to many colleges which attracts more students for hostel and PG services.
- Also many migrants seek for good and cheaper house in the are which come here for job and business opportunities.

### CONSTRAINT 1

Lack of neighborhood level public open and green space which are inviting and multi-functional.

#### OBJECTIVE 1

To provide and enhance existing public space at neighborhood level which can be accessible to all age and economic group.Thus increasing more area in public domain. Providing more of a recreational space with multi-use which can create economic opportunity for vendors and stalls .



#### POTENTIAL:

Developing residential area with effective and inclusive neighborhood public open spaces



#### POTENTIAL A:

Mixed used or special used park for sports tournaments , seasonal markets , adventure parks etc.

### CONSTRAINT 2

Underutilized land hindering quality life.Polluted natural lakes . Obstruction to natural flow of storm water causing water logging.

#### OBJECTIVE 2

- To recognize importance of natural lake acting as catchment area , maintain and conserve it.
- Develop lakes into inclusive , inviting , sustainable public space At city level .

#### BAPOD LAKE

This developed lake is surrounded by residential buildings with temple and park attached to it . It is huge attraction during ganpati visarjan festival .VMC has marked this lake as Reservoir .

#### BHAILAPARK LAKE

This lake is very unhygienic ecological concern. Poorly maintained . leftover Waste is being dumped by residents. No concrete structure is constructed around the lake.

### CONSTRAINT 3

- Lack of internal connectivity .
- Underdeveloped roads.

#### POTENTIAL:

Developing residential area with sorted and connected internal streets . Streets with pedestrian and cycling route .



#### a)

Developing existing secondary road connecting to proposed cycling route which connects major public spaces.



#### b)

Connecting dead ends by proposing new road which is very poorly kept which is part of proposed cycling route .



## PROPOSAL FOR URBAN PARK

### CONCERN

Lack of neighborhood level public open and green space which are inviting and multi-functional.

### URBAN PARK

A multi-functional and flexible recreational place which compatible with the neighborhood setting Which can cater all the age groups mainly local youths and families of neighborhood .

A revenue generating food plaza for local food vendors . A dynamic space with all the outdoor amenities for recreational and community activities.

### RECREATIONAL ZONE | VITAL ECONOMY

ENVIRONMENT RESILIENT | COMMUNITY DRIVEN + HUMINTARIAN PROJECT

### SITE CRITERIA FOR URBAN PARK

An urban park, by size, program, and location, provides space and recreation through emphasis is on passive cultural and community centers with recreational programming and organized activities for the immediate neighborhood in which it is located.

#### Location Objectives

Centrally located if planned to serve a particular geographic segment of the city. Located adjoining or immediately adjacent to a collector street providing community-wide vehicular access, thereby reducing neighborhood traffic impacts also equitable pedestrian access within a definable neighborhood service area. Generally serving 2-5 mile of radius .

Population served may range from 2,000 up to 5,000.

#### Orientation:

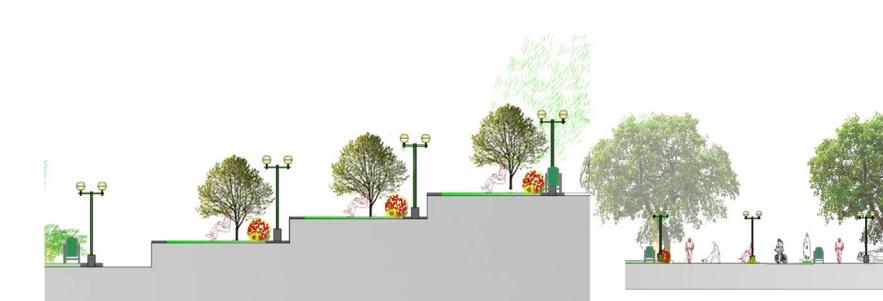
Serves all age groups, with an emphasis on youth and families in neighborhood settings.

To provide a combination of active recreation and passive activities and special features as required or needed.

#### Parking

On-street parking is acceptable if negative impact to residential units can be mitigated.

On-site parking is preferable as a planning objective.



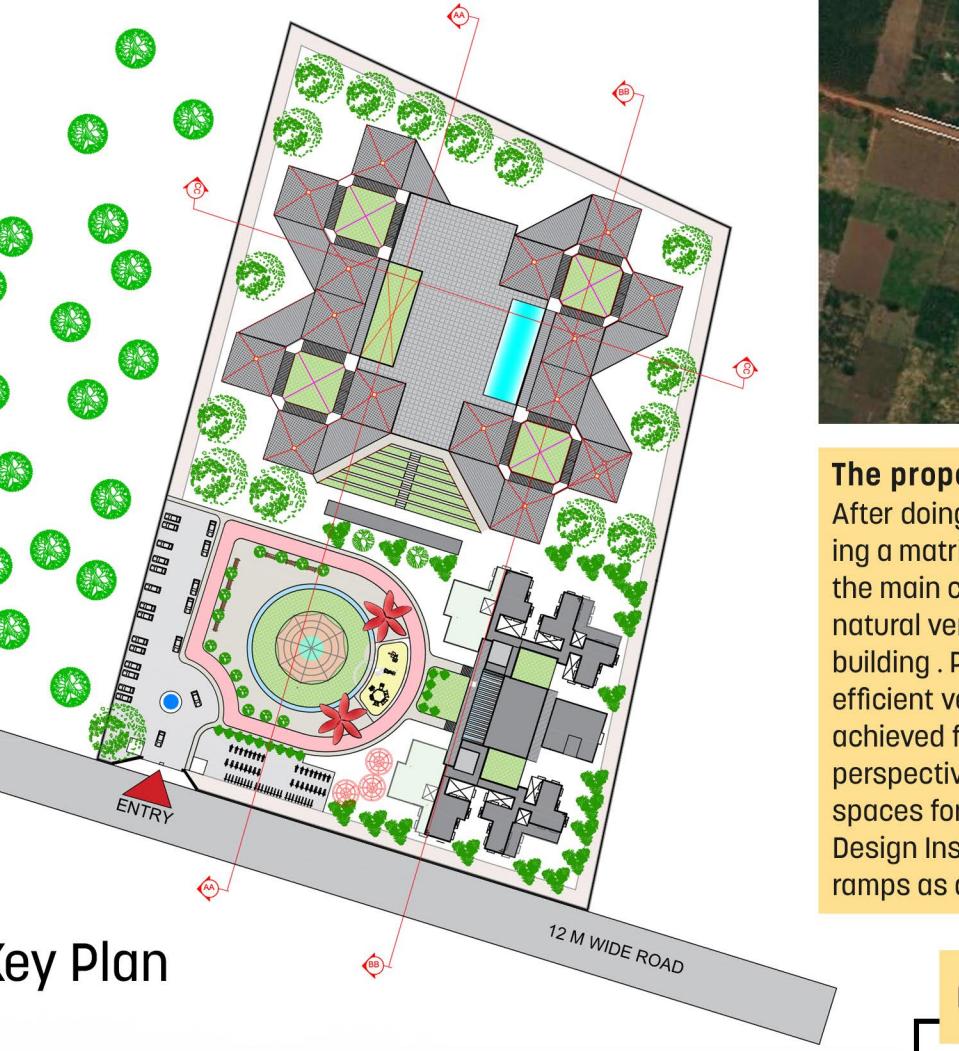
DETAIL 4

### OBJECTIVE

To provide and enhance public space at neighborhood level which can be accessible to all age and economic group .Thus increasing more area in public domain.  
Providing more of a recreational space with multi-use which can create economic opportunity for vendors and stalls .



# sustainable national institute of design



Key Plan

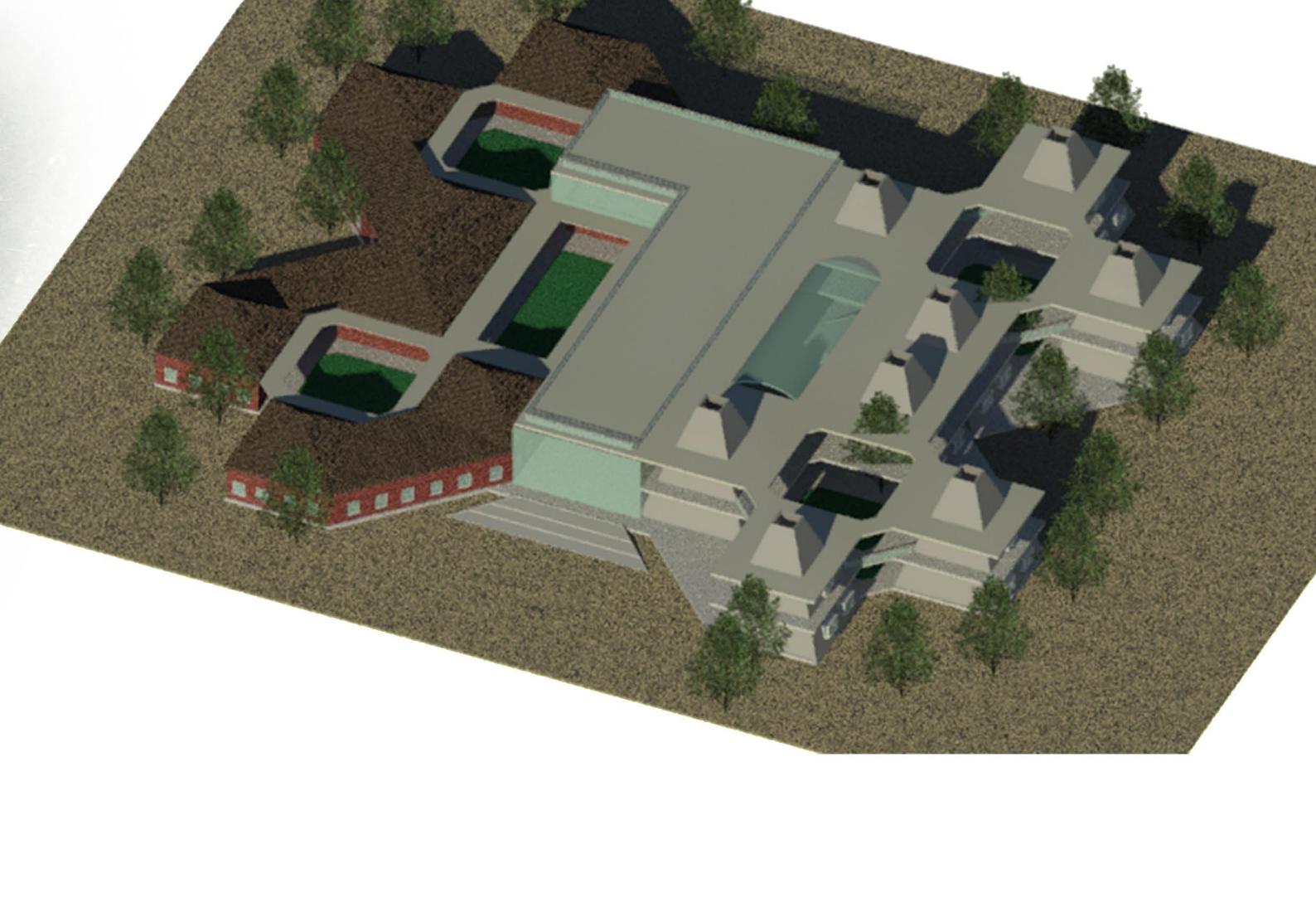
## Objective

The site being in Amravati , hot and humid climatic zone , which is just 31 km away from the river Krishna , with very shallow slope , also the wind is experienced from south west in daytime and north east at night . Harsh sun is to be cut out from south and west also site being in hot and humid climate, sufficient natural ventilation is also need to be taken care of. This studio being sustainable studio, the building should be self efficient and self energy driven. Eco friendly material and also comfort zone for the users has to be taken care of. The proposal is made taking user consideration, functions and least harm to the environment .

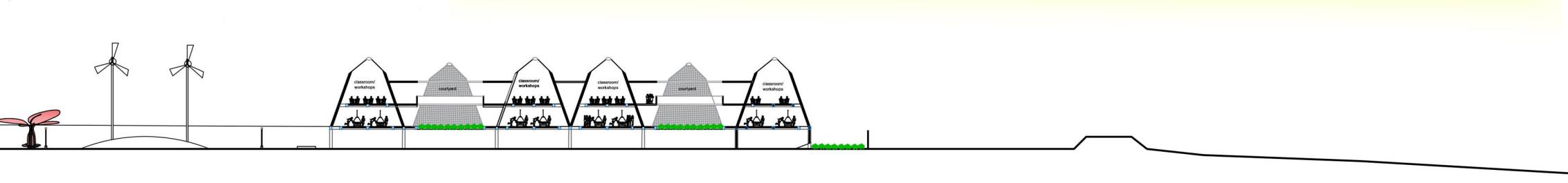
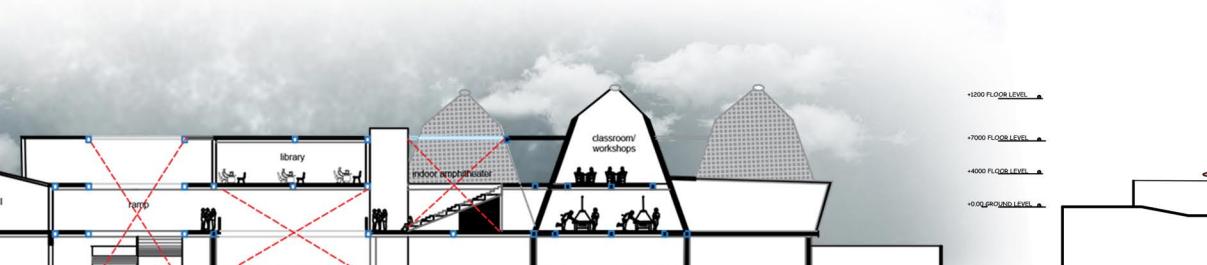
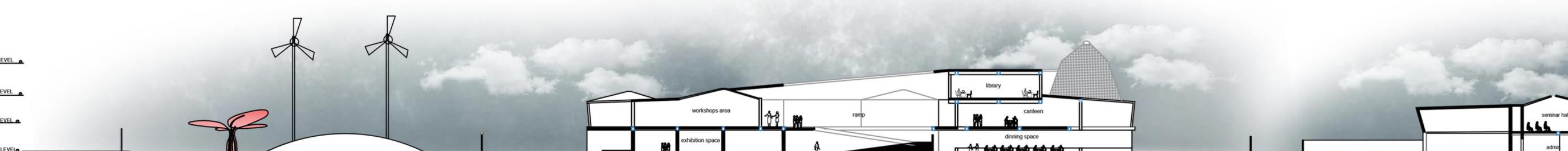
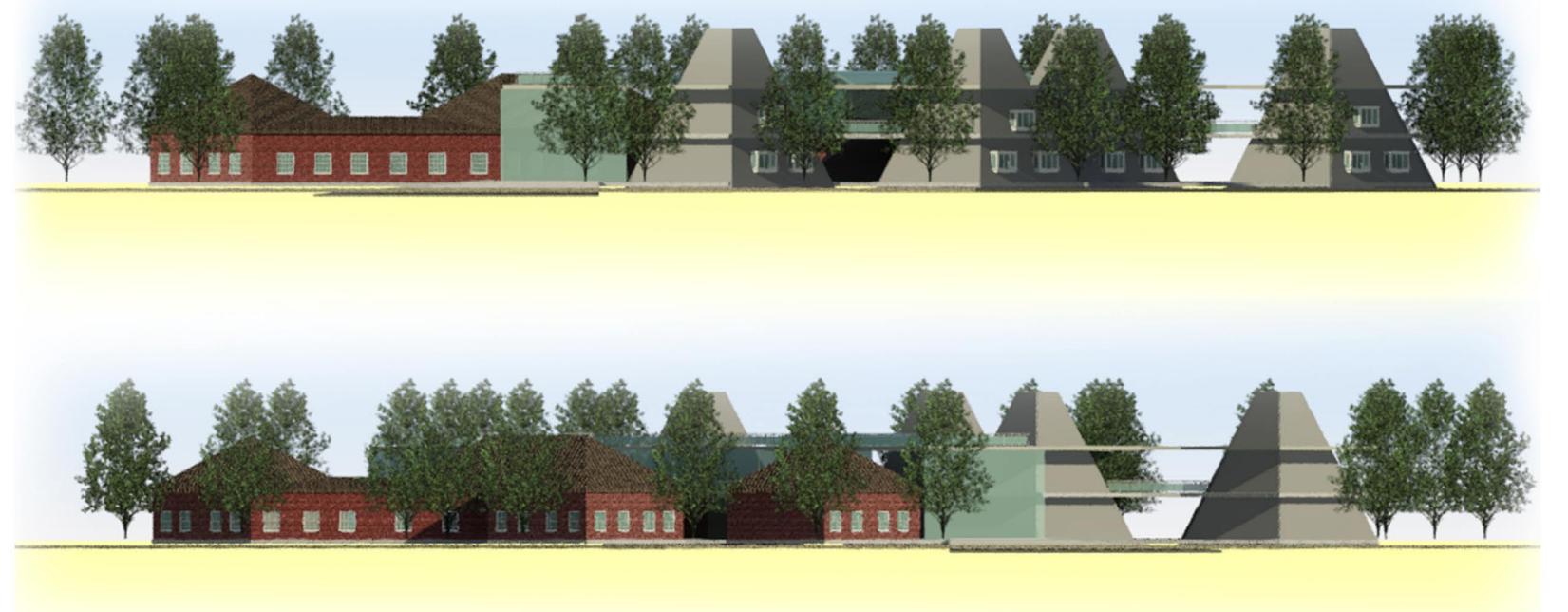
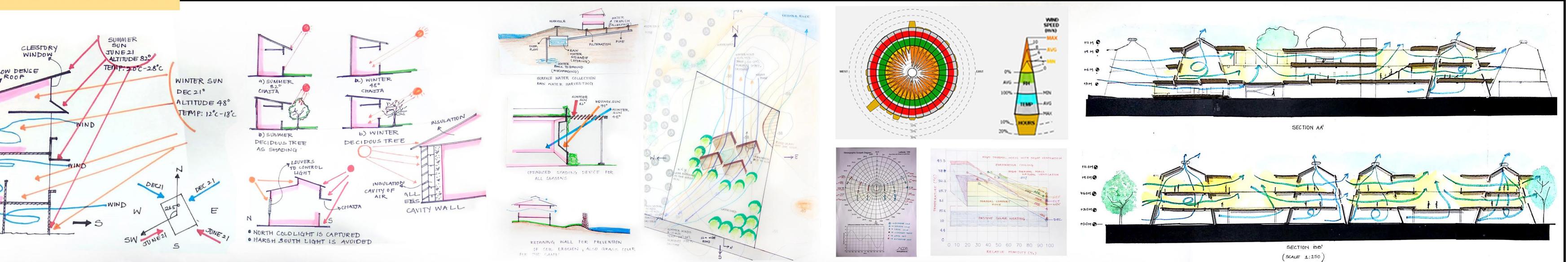


## The proposal

After doing site analysis , climatic analysis and preparing a matrix diagram sheet for hot and humid climate , the main conclusion came for designing was to provide natural ventilation , day lighting , comfort zone inside the building . Playing around the courtyards for natural and efficient ventilation and the form of the building was achieved form the blend of termite roof (bio mimicry) and perspective windows. Providing various interactive spaces for the users as it is supposed to be Design Institute. Amphitheaters are provided and ramps as a service.

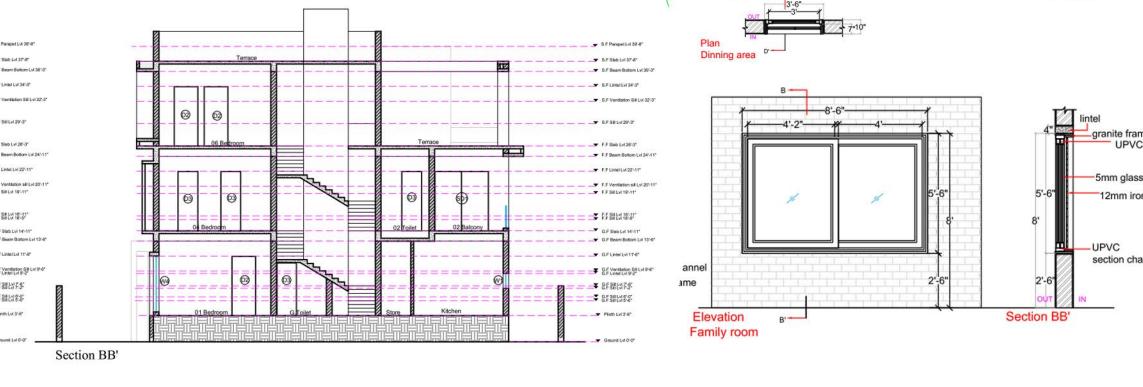
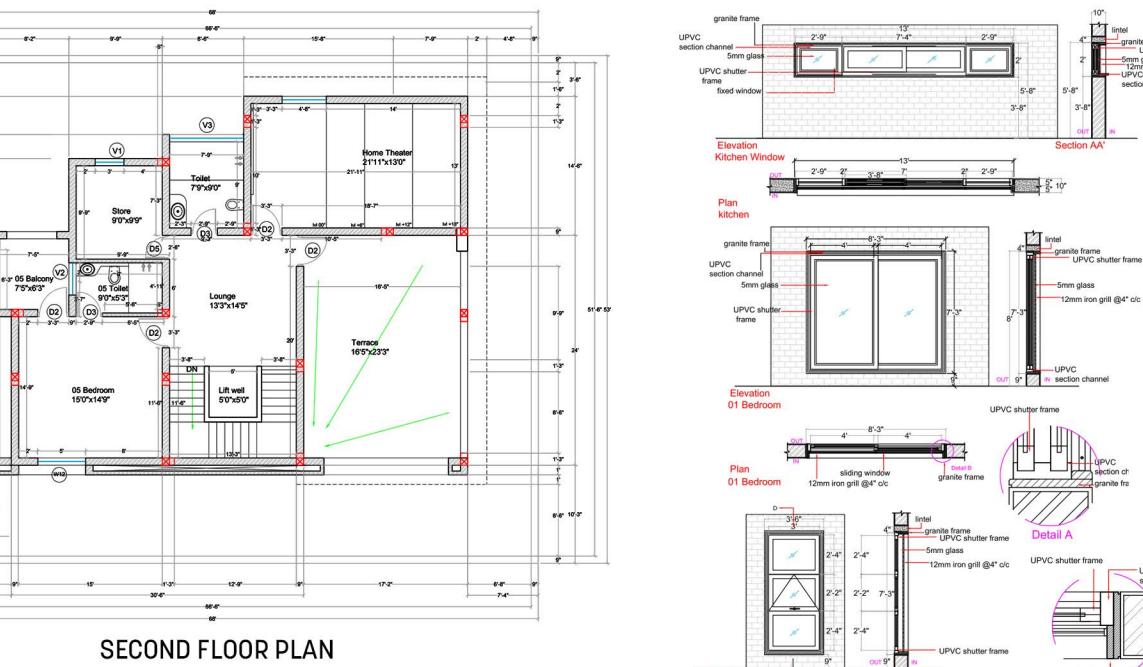
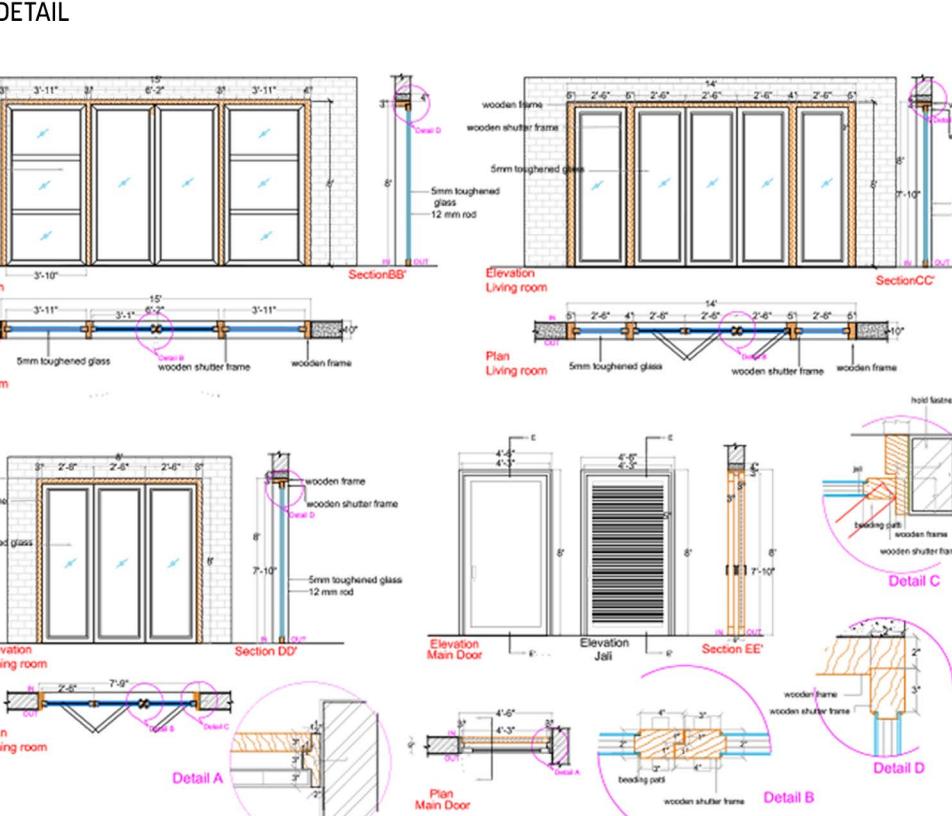
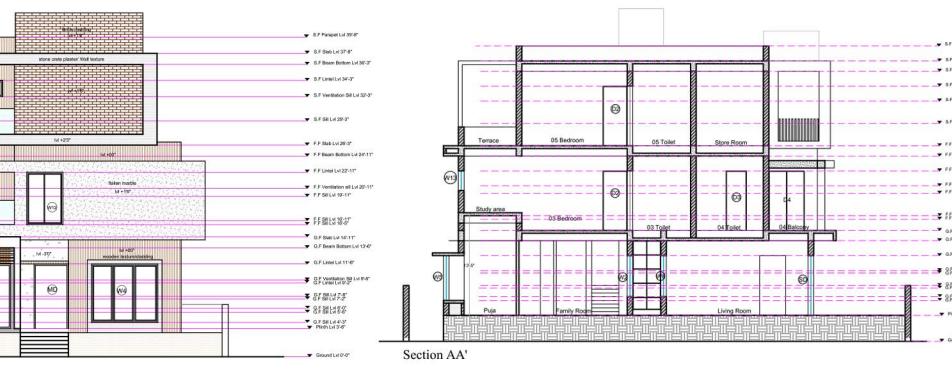
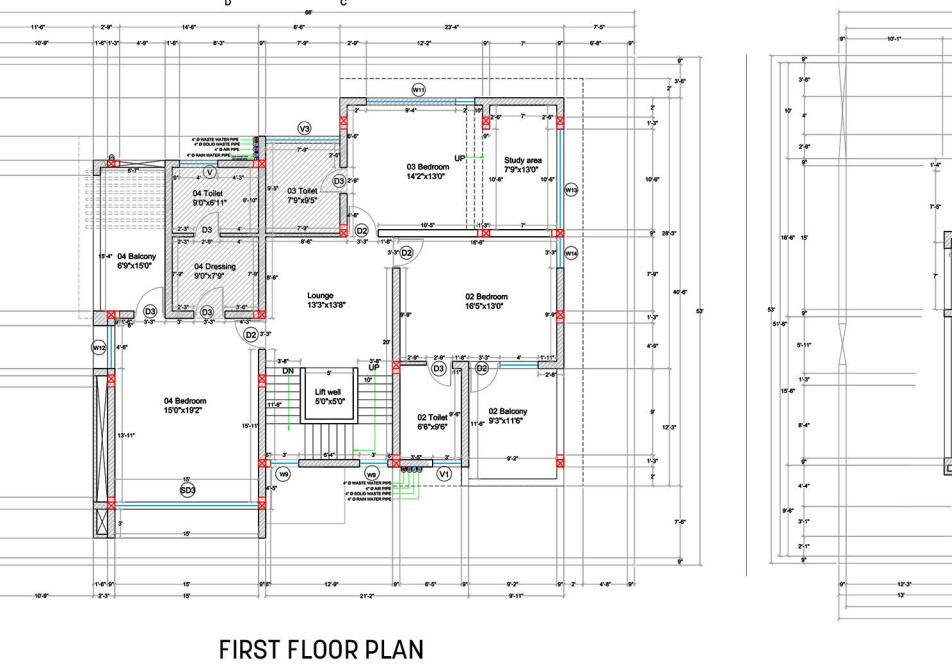
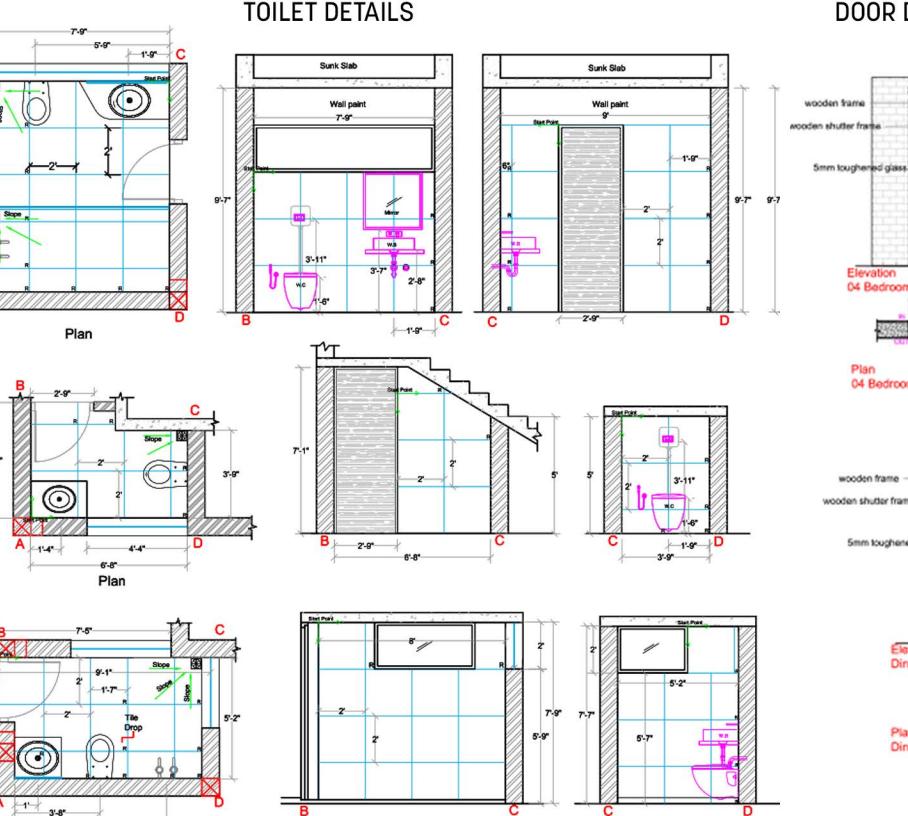
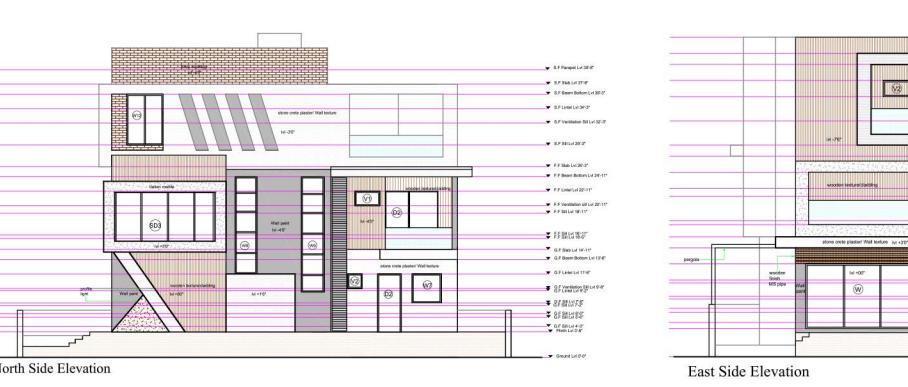
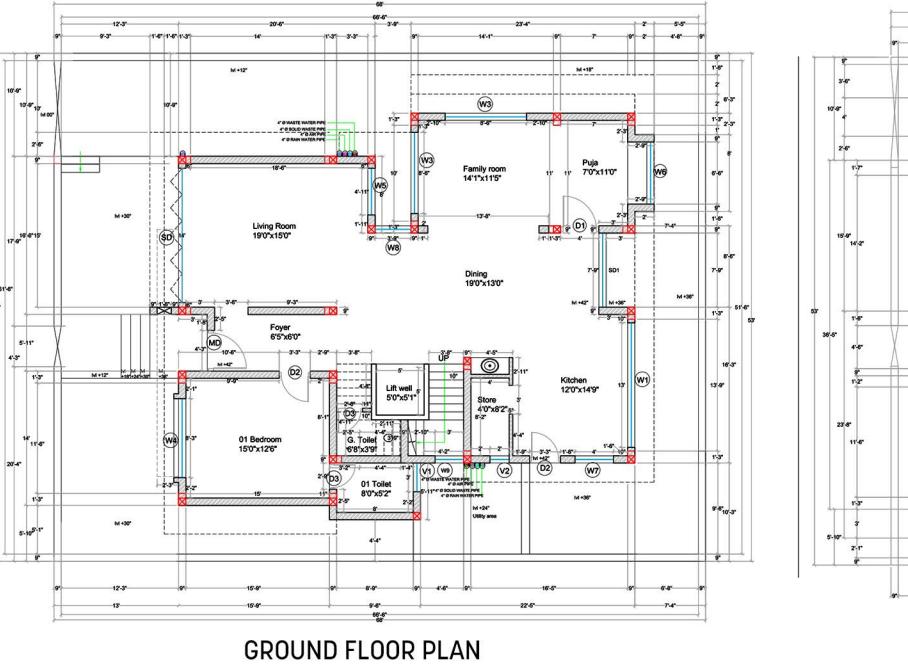


## CLIMATE ANALYSIS

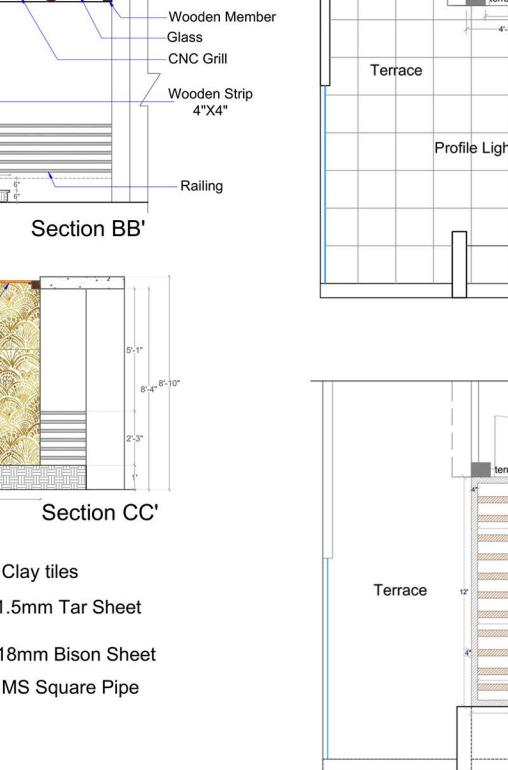
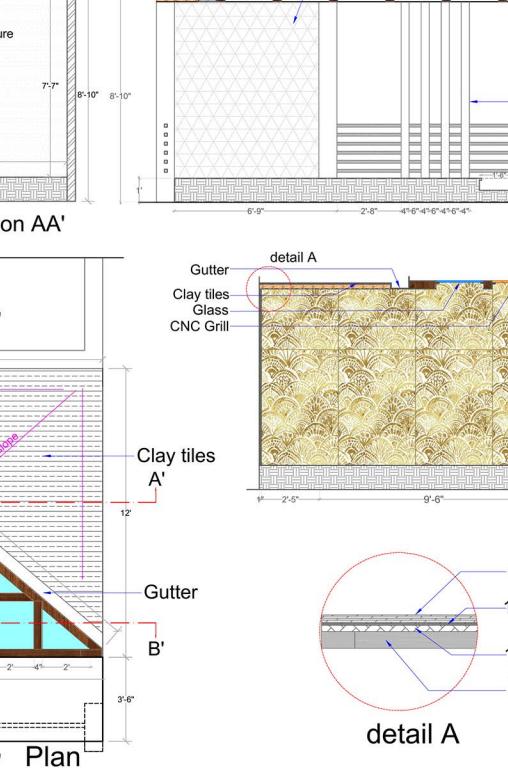
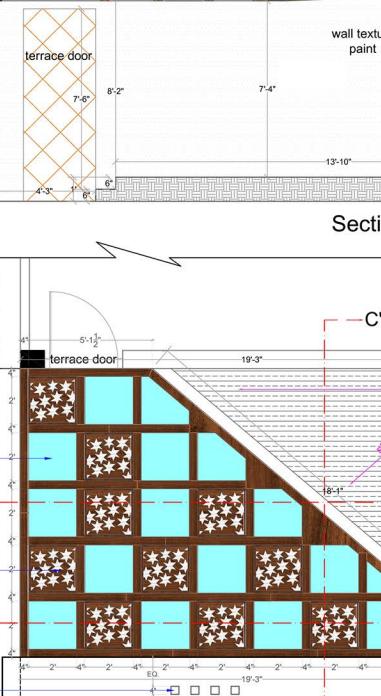


# INTERNSHIP WORK

## Resedential Project



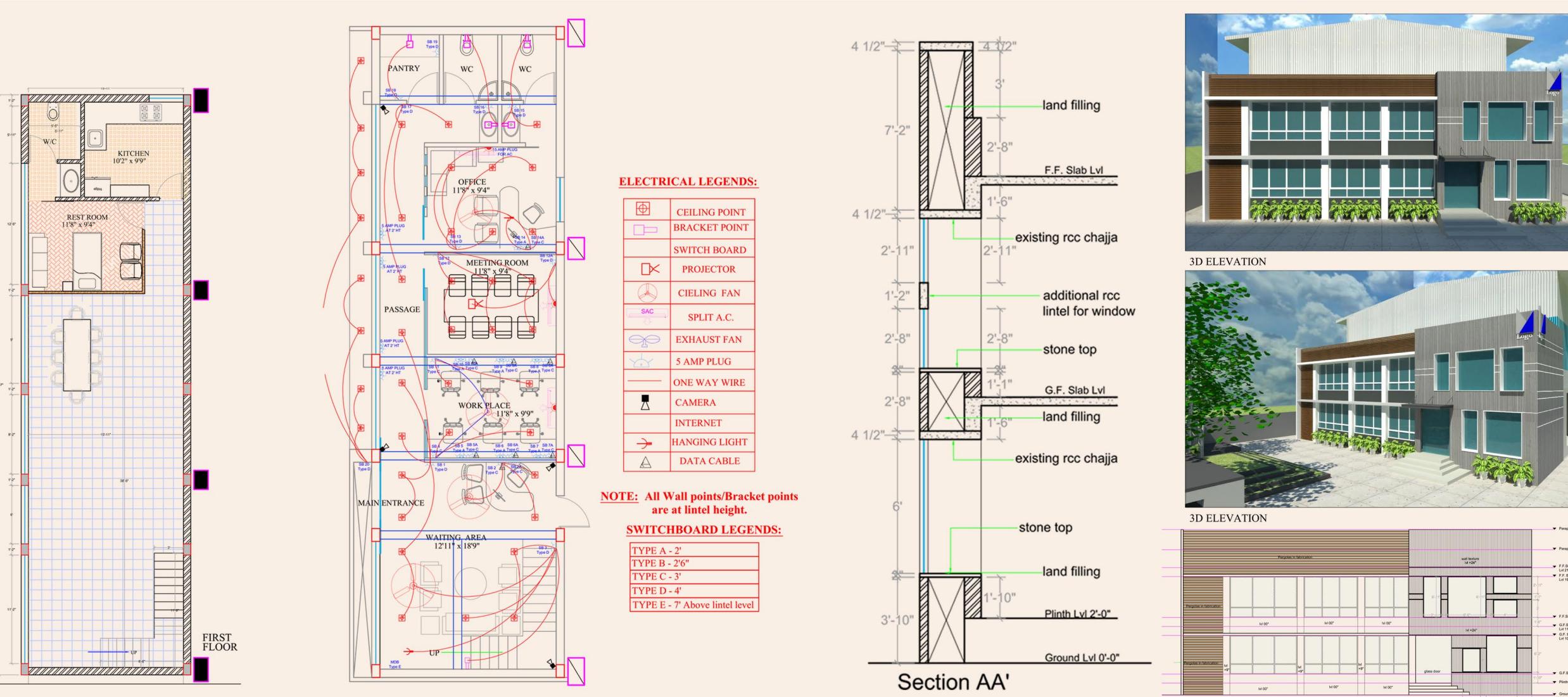
### WINDOW DETAILS



## Gazebo Detail

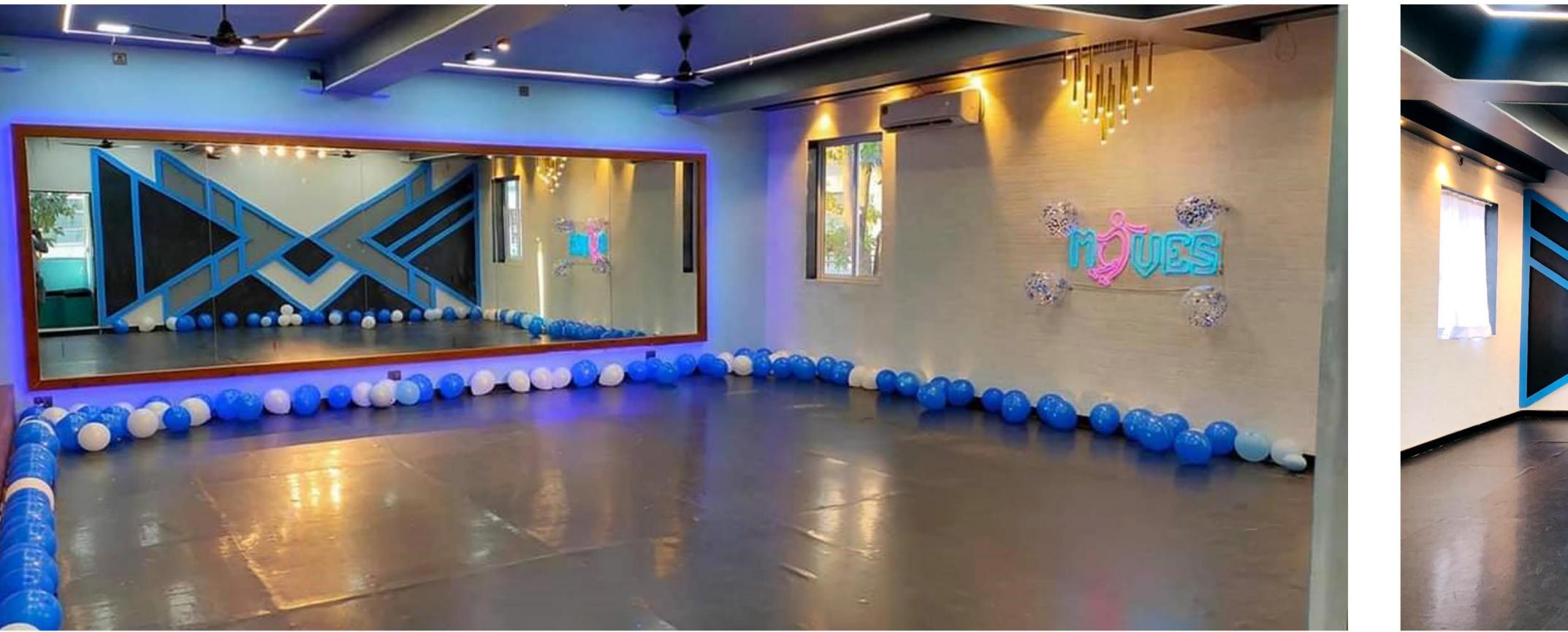


## Industrial

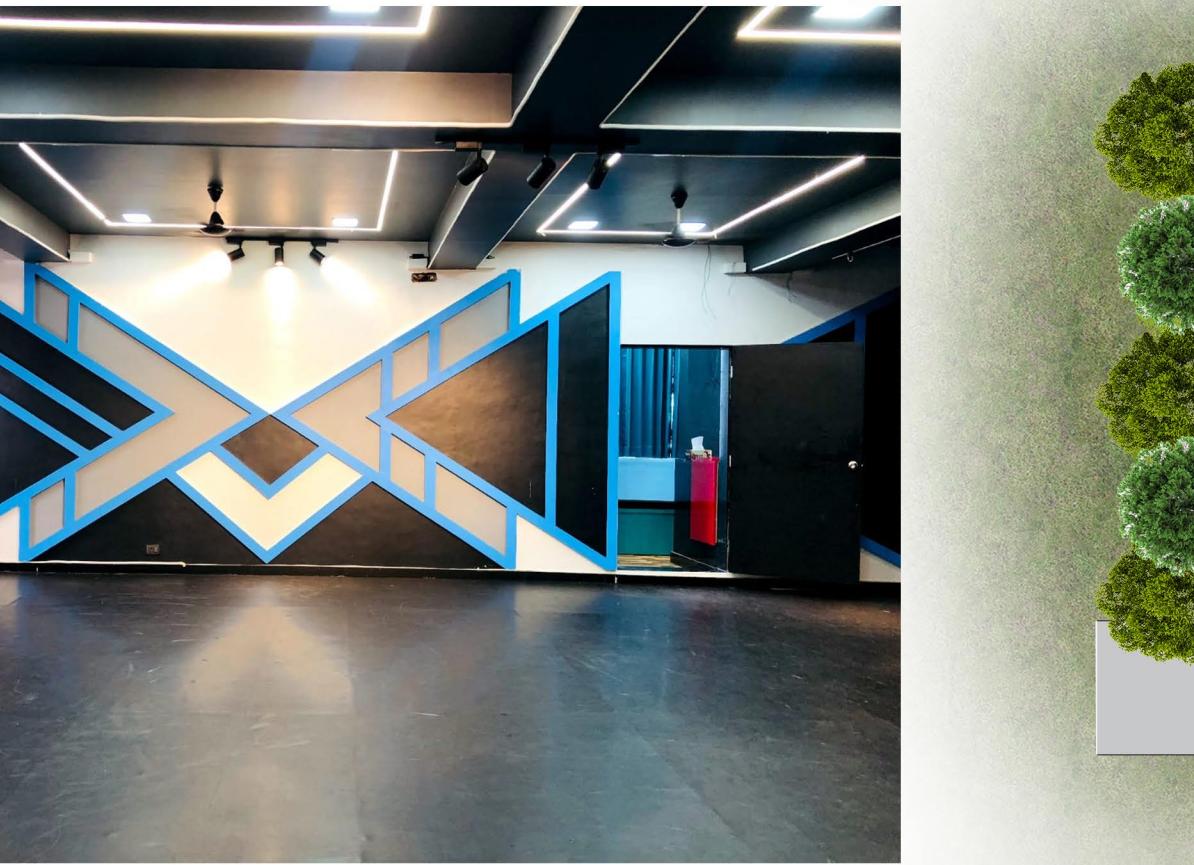


# PERSONAL PROJECT

## Dance Studio

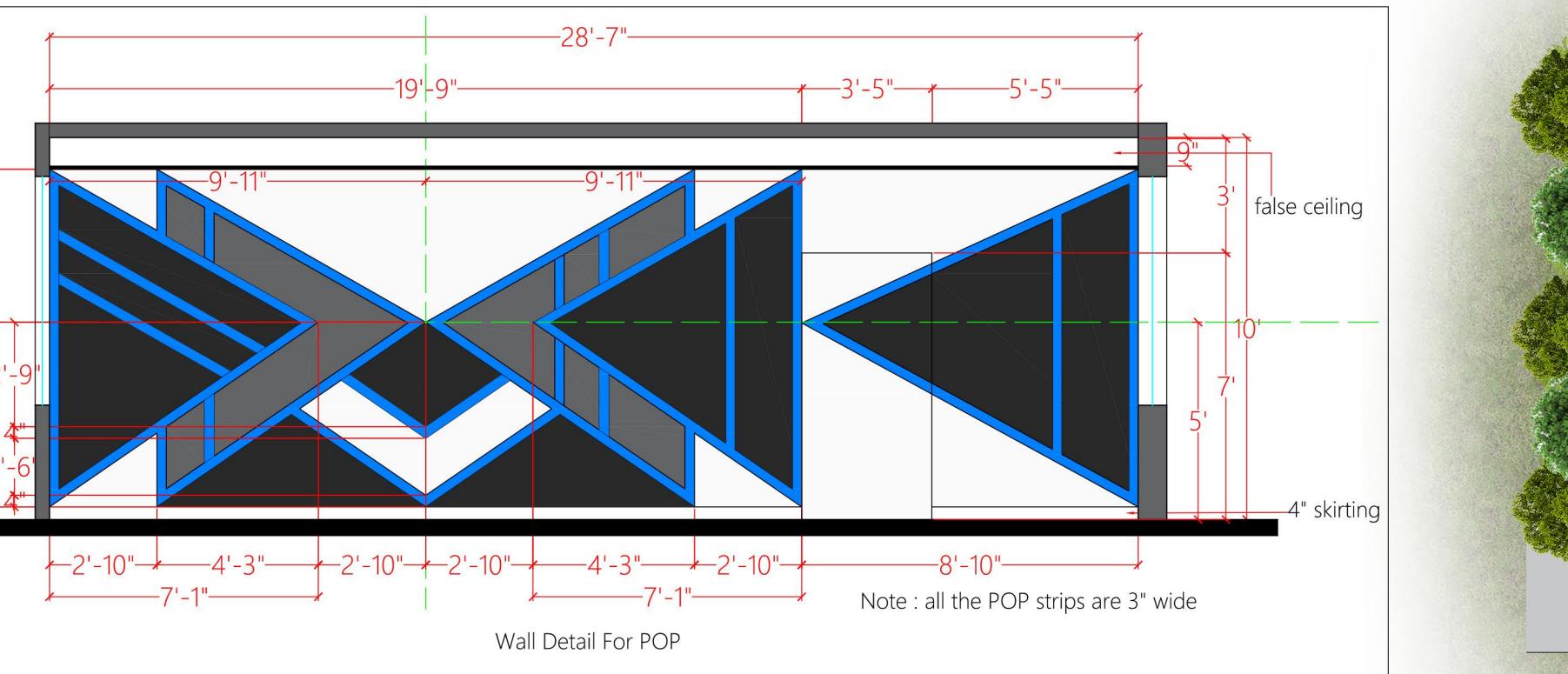
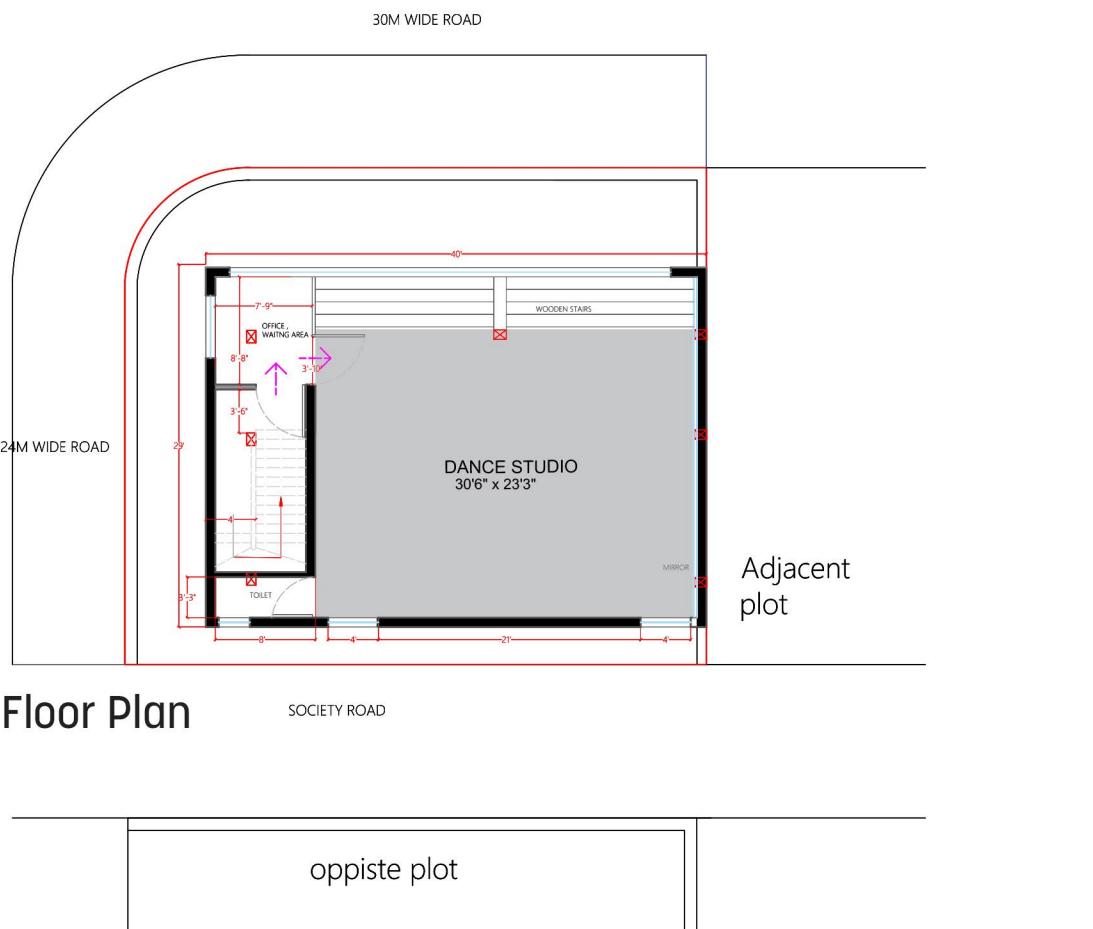
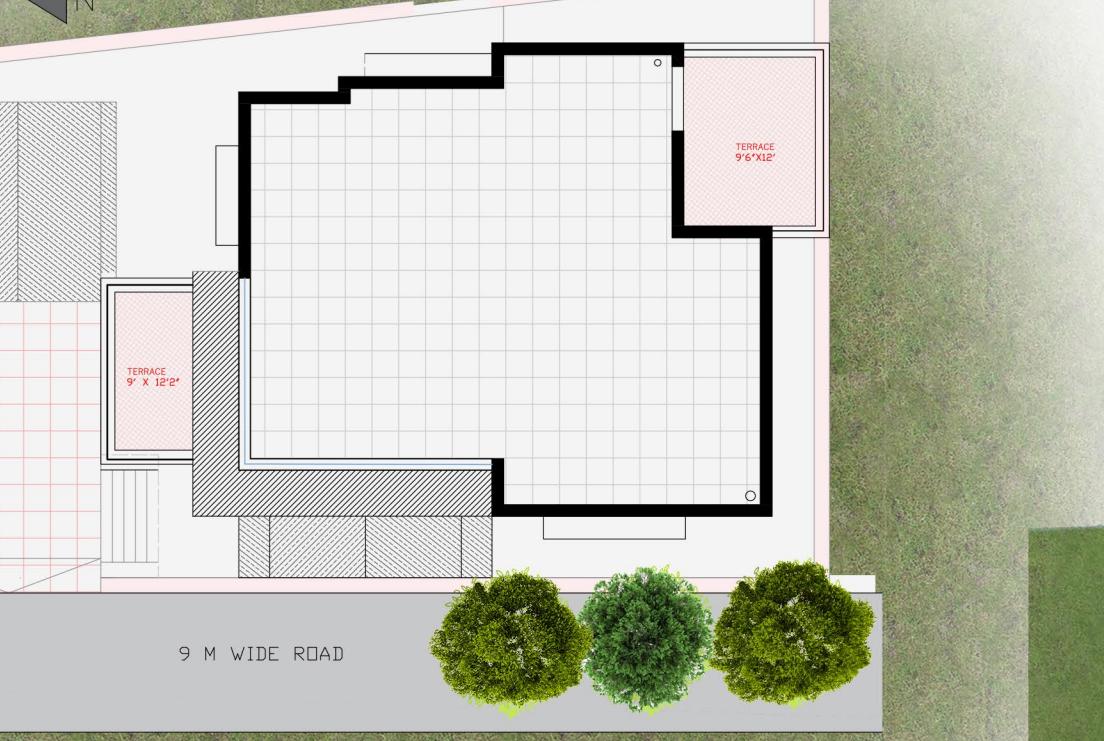
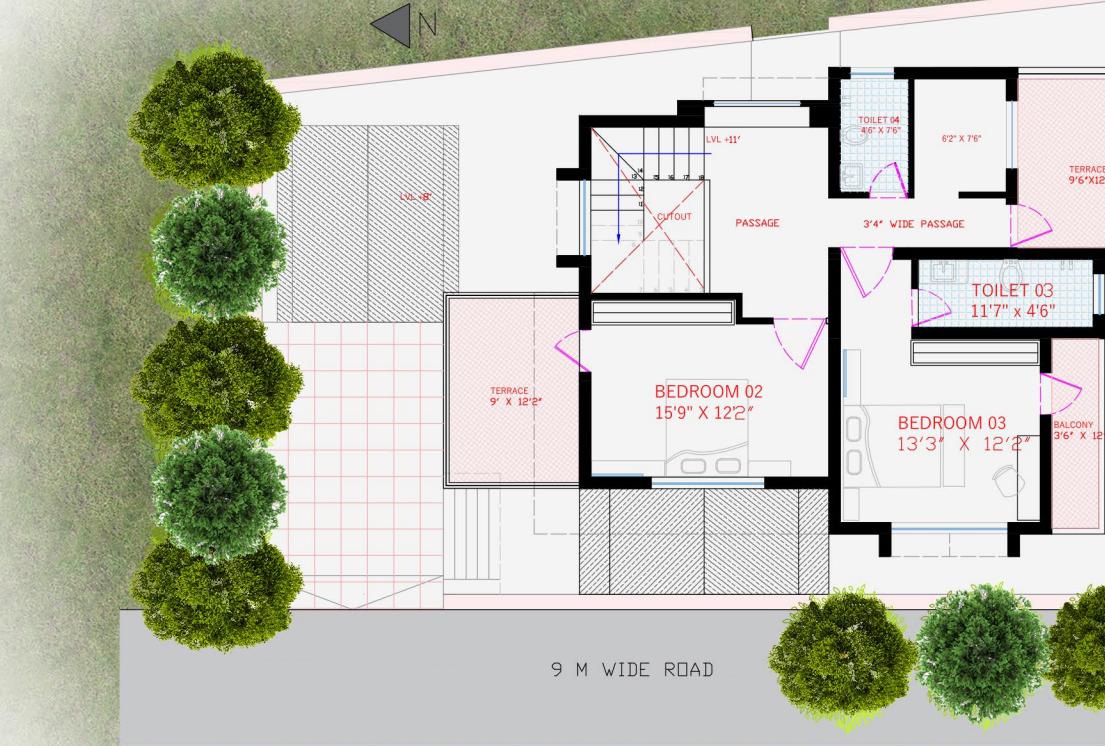
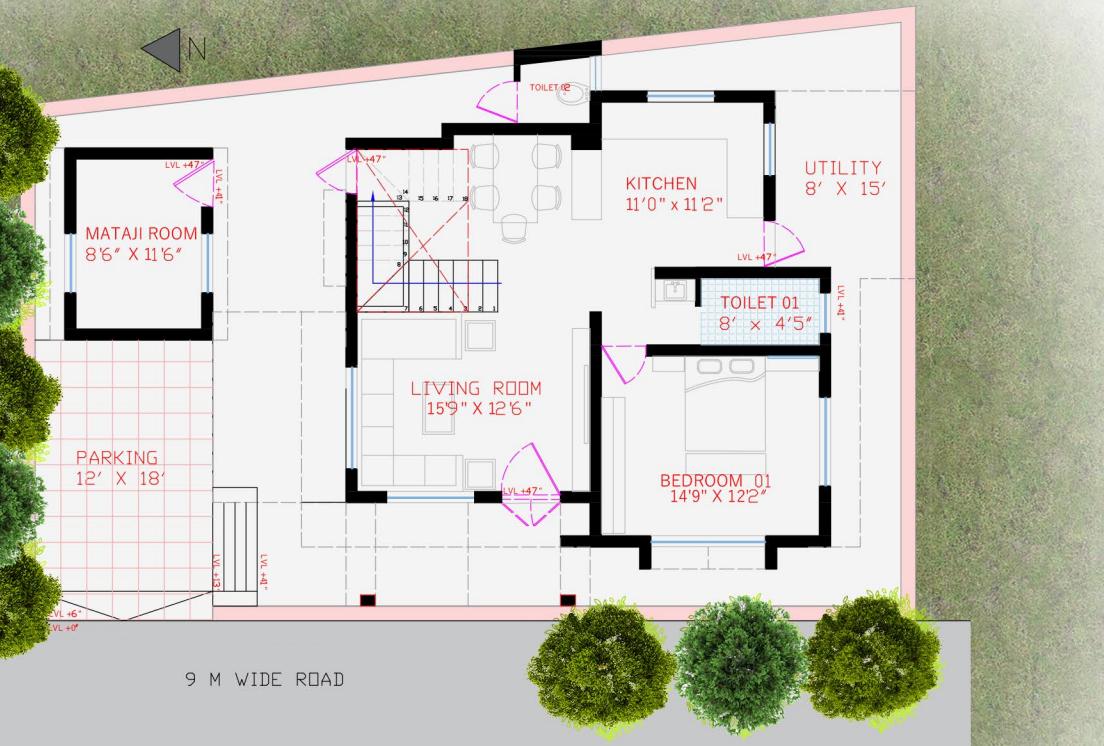


Type of project : Interior  
Location : Vadodara  
Area : 900sq ft



# Bungalow Design

Type of project : Architectural  
Location : Mehsana  
Area : 2000sq ft





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