

# ARCHITECTURE PORTFOLIO

## LOVEJEET GEHLOT

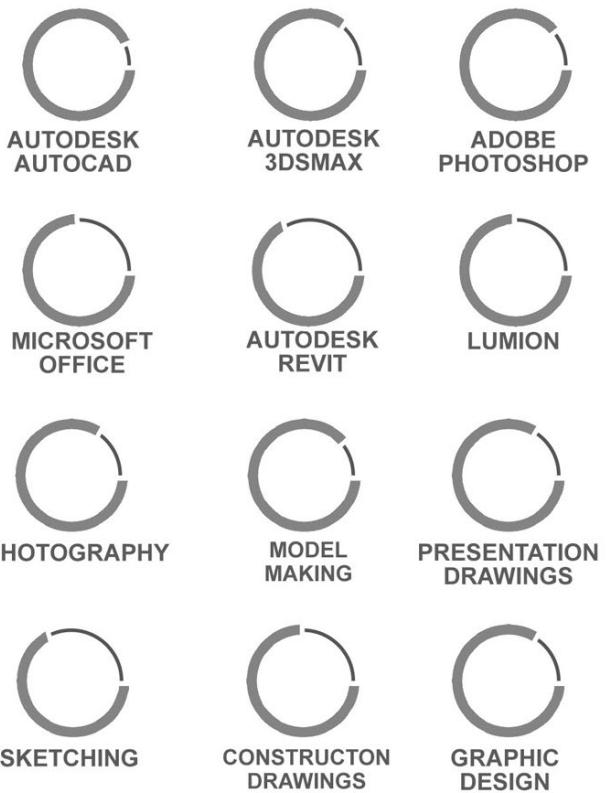
# LOVEJEET GEHLOT

Hello,

My name is Lovejeet Gehlot. I want to be a part of your firm to understand the process of design and practical aspects involved in the field. I have an experience in preparation of architectural and construction dwgs.

I have a keen attention to detail and I am very quick at learning. I really hope you can give me the opportunity to join your firm. Thankyou.

## PROFICIENCY



## THINGS I ENJOY



B.ARCH IV YEAR,  
MALAVIYA NATIONAL INSTITUTE  
OF TECHNOLOGY, JAIPUR

## CONTACT

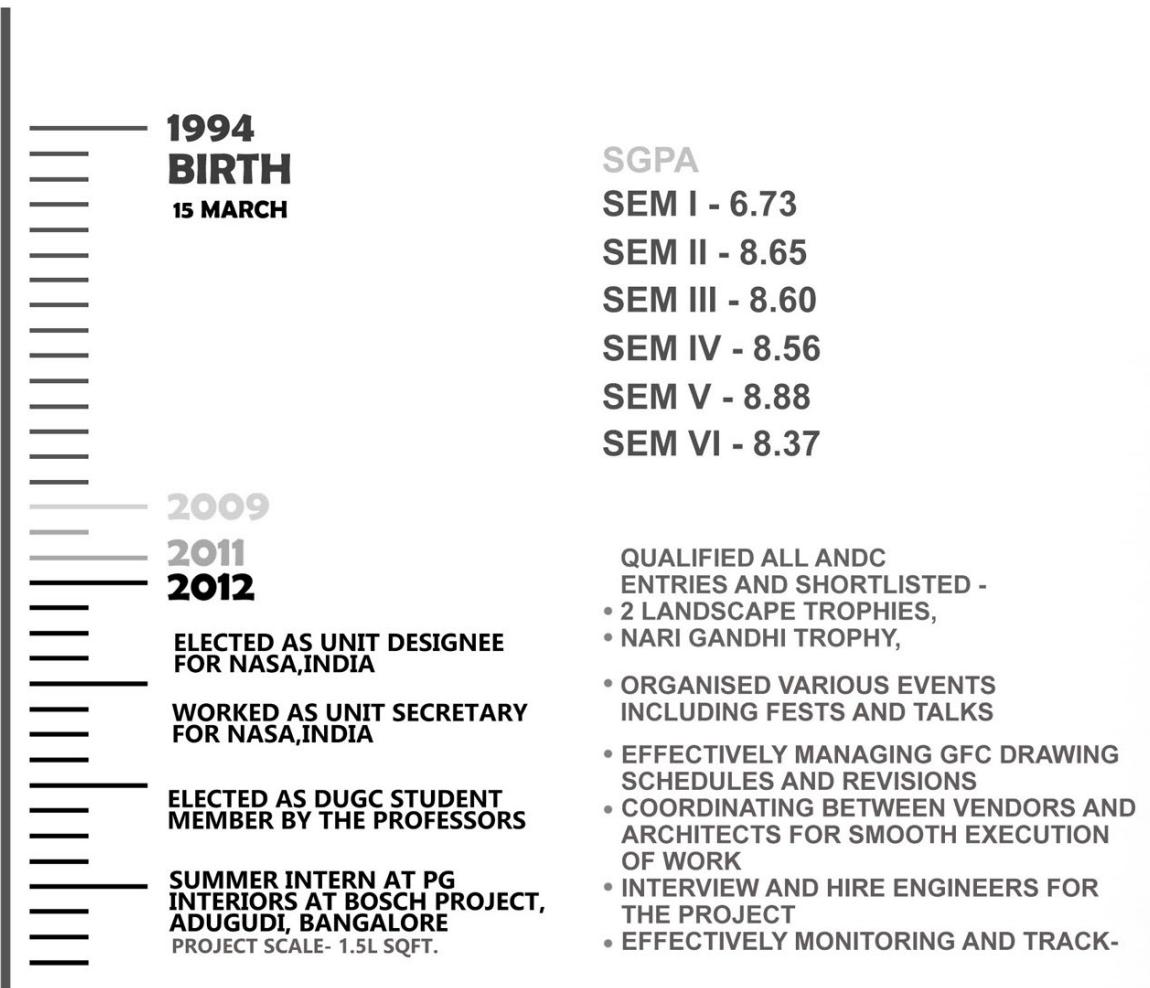
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Pal Road, Jodhpur-342003  
India

## EDUCATION

**2009- X<sup>th</sup> Grade:** Delhi Public School, Jodhpur.  
**2011- XII<sup>th</sup> Grade:** Lawrence and Mayo Public School, Kota.  
**2012- B.Arch:** Malaviya National Institute of Technology, Jaipur.  
**Specialised course work:** Autocad, Revit, 3dsmax, Photoshop, Illustrator.

## TIMELINE



CURRICULUM  
VITAE

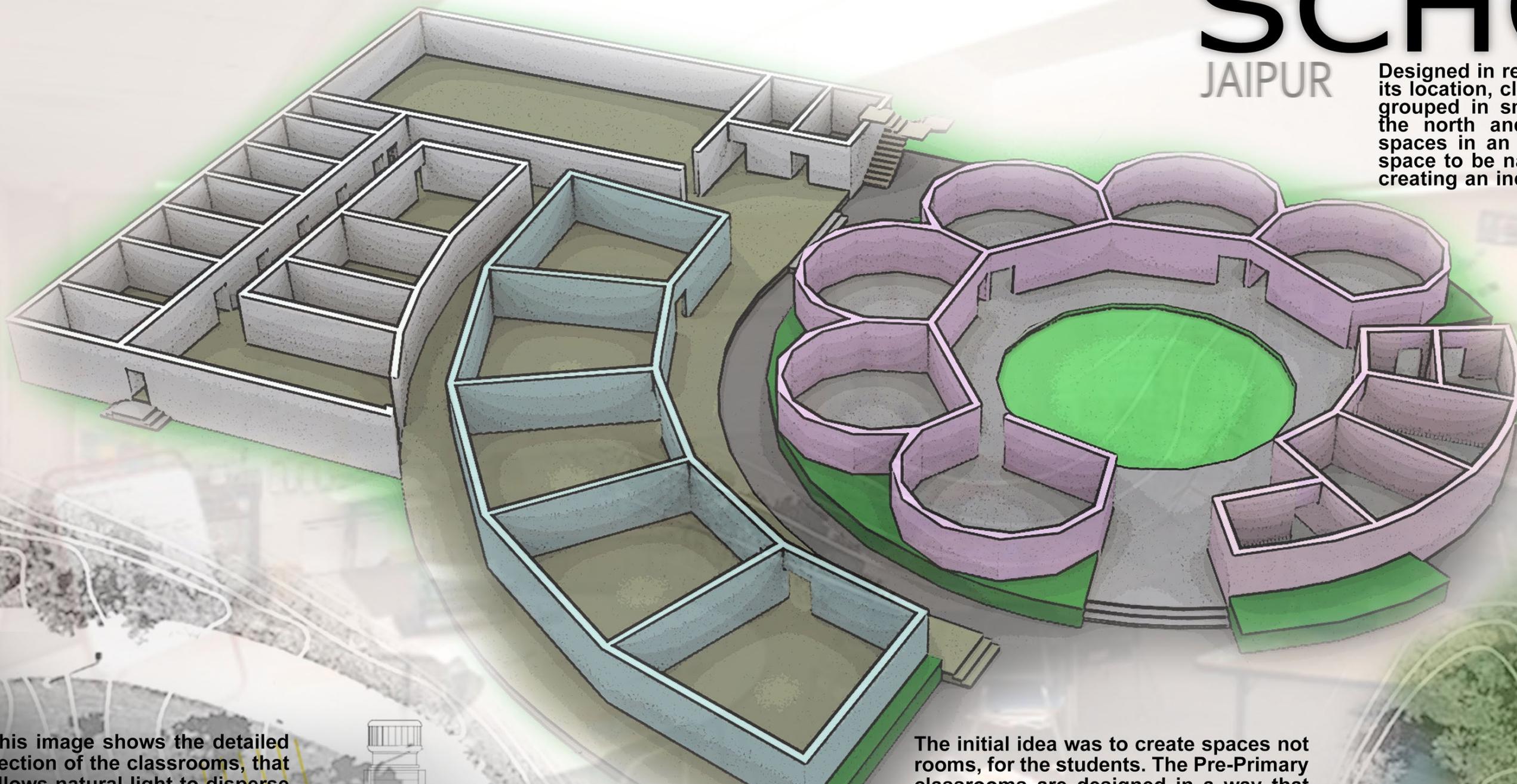




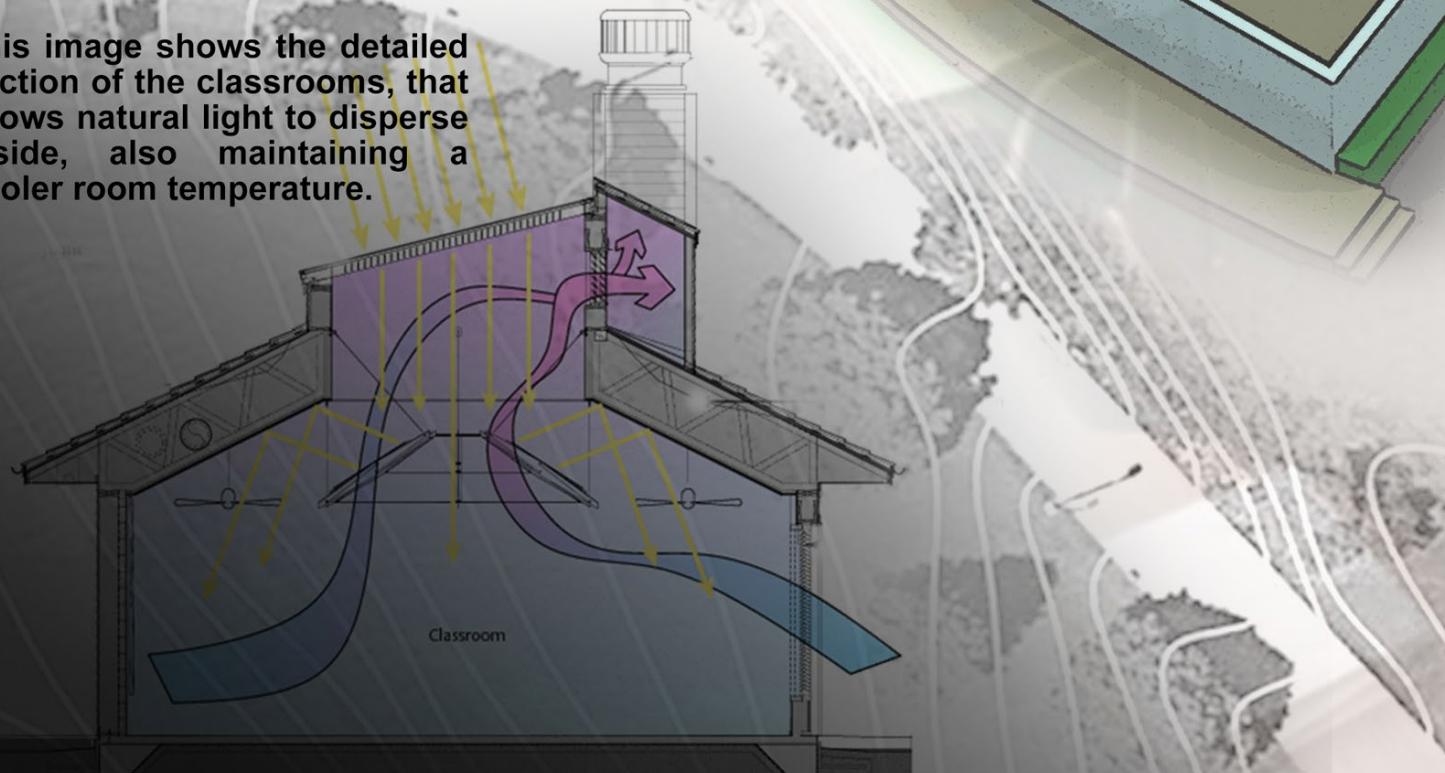
# THE PRIMARY SCHOOL

## JAIPUR

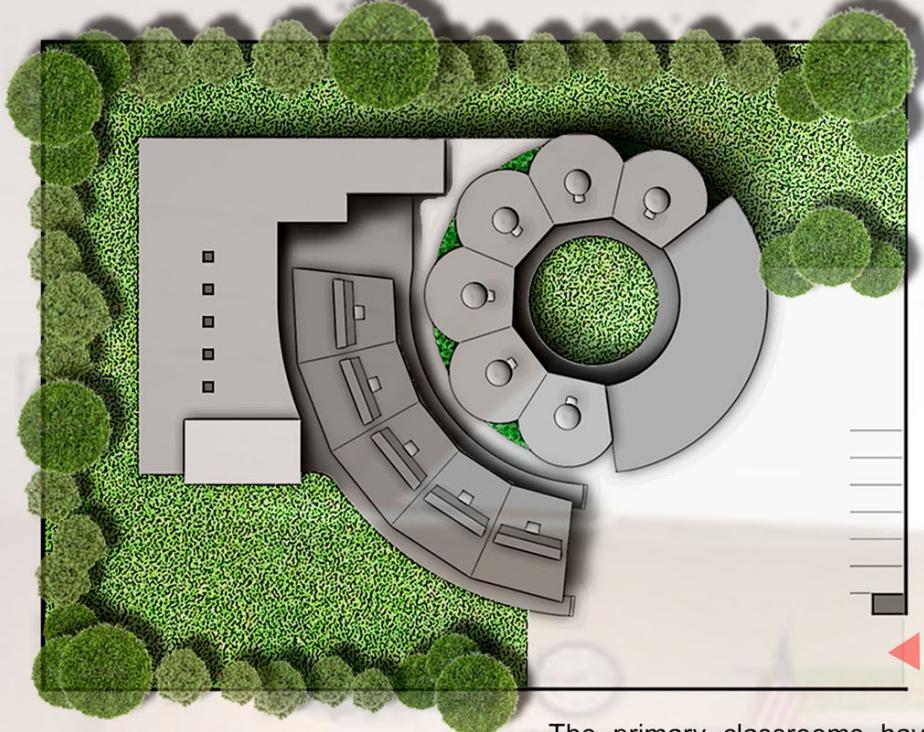
Designed in response to the desert climate of its location, classrooms & other locations are grouped in small volumes oriented towards the north and interspersed with courtyard spaces in an organic manner allowing each space to be naturally lit and ventilated whilst creating an individual identity to each facility.



This image shows the detailed section of the classrooms, that allows natural light to disperse inside, also maintaining a cooler room temperature.



The initial idea was to create spaces not rooms, for the students. The Pre-Primary classrooms are designed in a way that no student faces a corner wall from the inside. All the Pre-Primary classrooms open to a circular courtyard that acts as a safe play area and makes it easier for the staff to keep an eye.

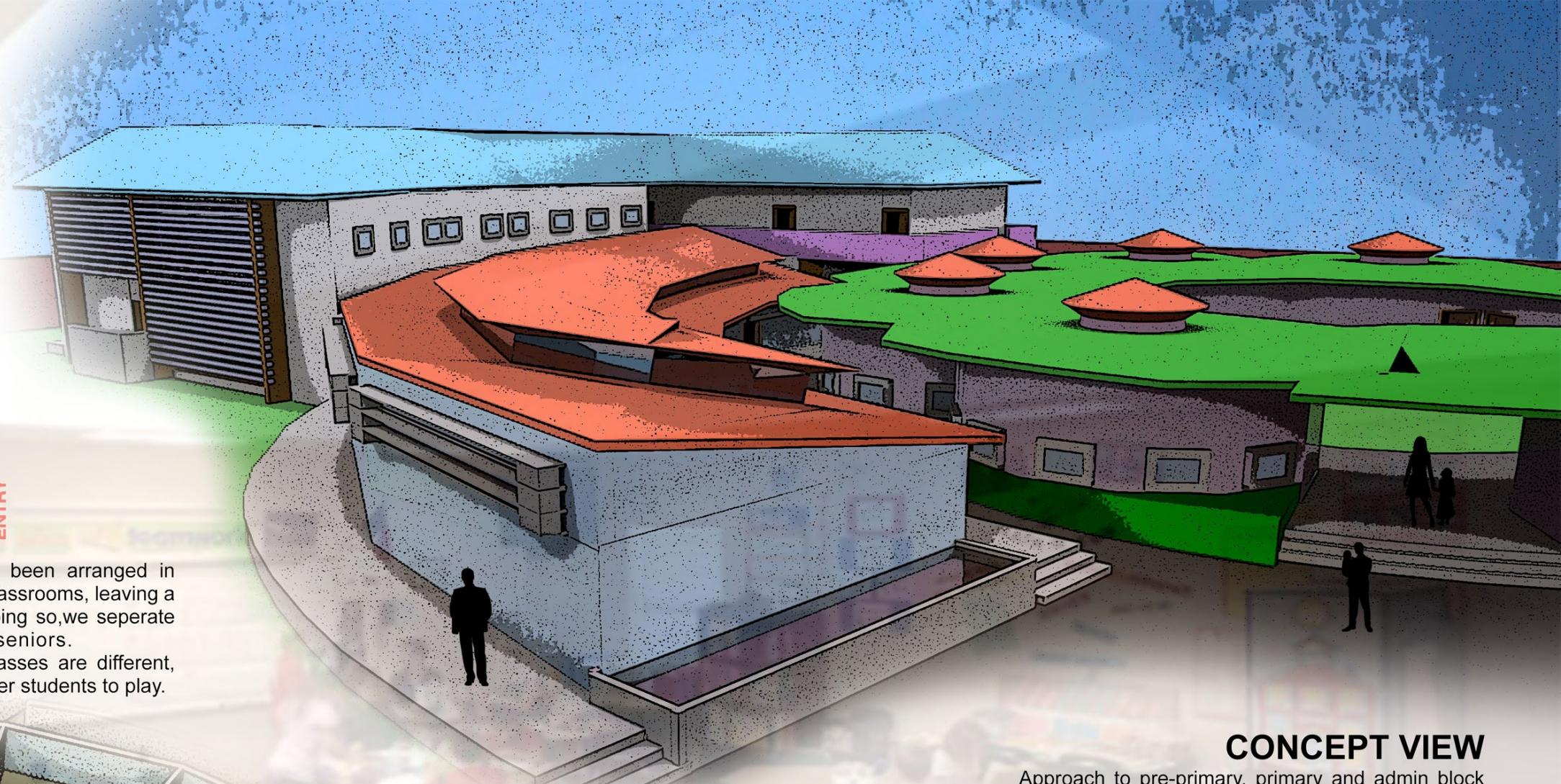


**SITE PLAN**

SCALE- 1:1000

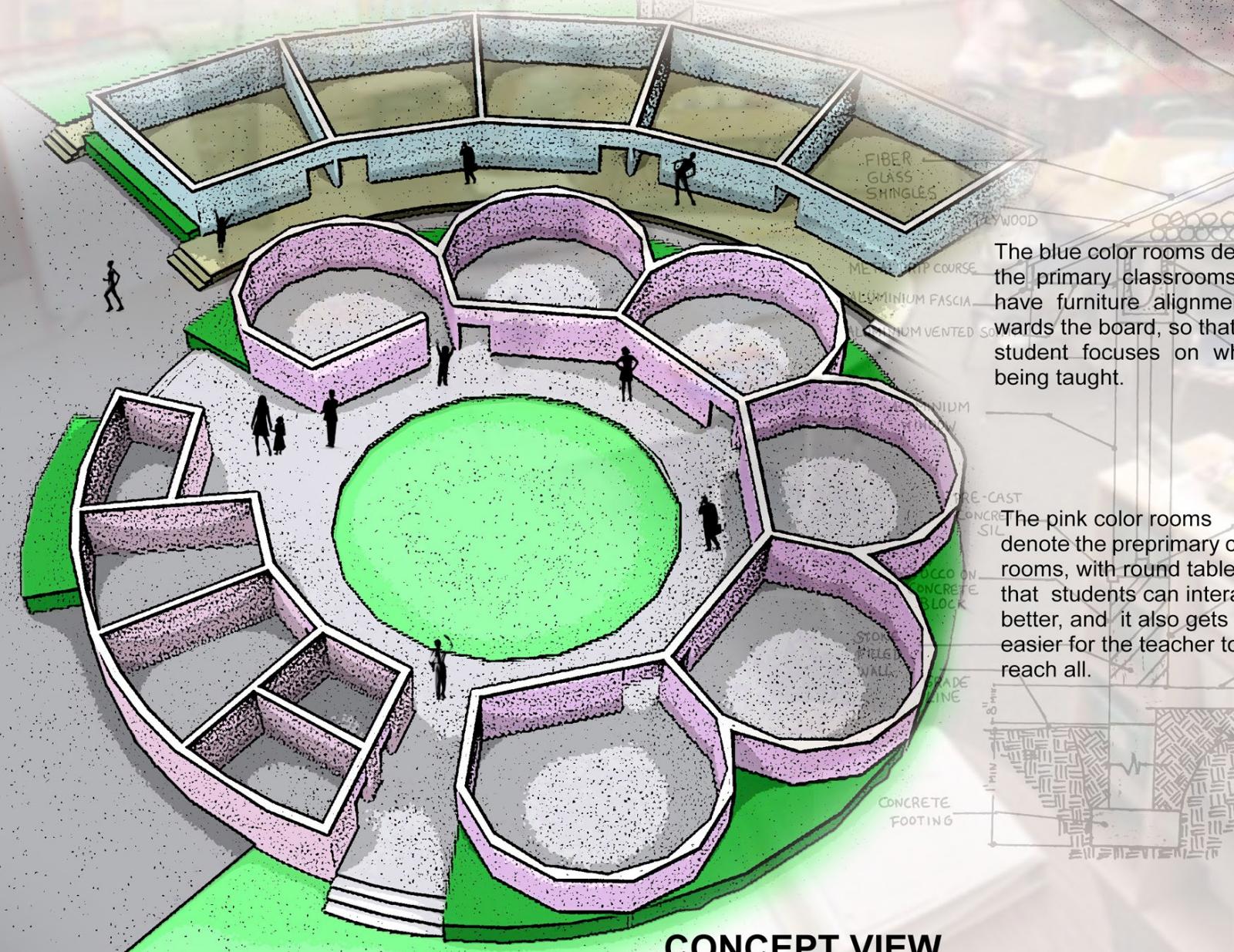


The primary classrooms have been arranged in alignment to the pre-primary classrooms, leaving a wide corridor in between. By doing so, we separate the junior students from the seniors. Also the play area for both classes are different, giving a safer area for the smaller students to play.



**CONCEPT VIEW**

Approach to pre-primary, primary and admin block have been segregated to avoid mutual disturbances.



**CONCEPT VIEW**

The blue color rooms denote the primary classrooms, that have furniture alignment towards the board, so that each student focuses on what is being taught.

The pink color rooms denote the pre-primary classrooms, with round tables, so that students can interact better, and it also gets easier for the teacher to reach all.



**FLOOR PLAN**

SCALE- 1:500

Entries to primary, pre-primary and admin blocks has been divided avoiding disturbance to each other. All pre-primary class rooms are provided with huge windows giving a landscape view to each.





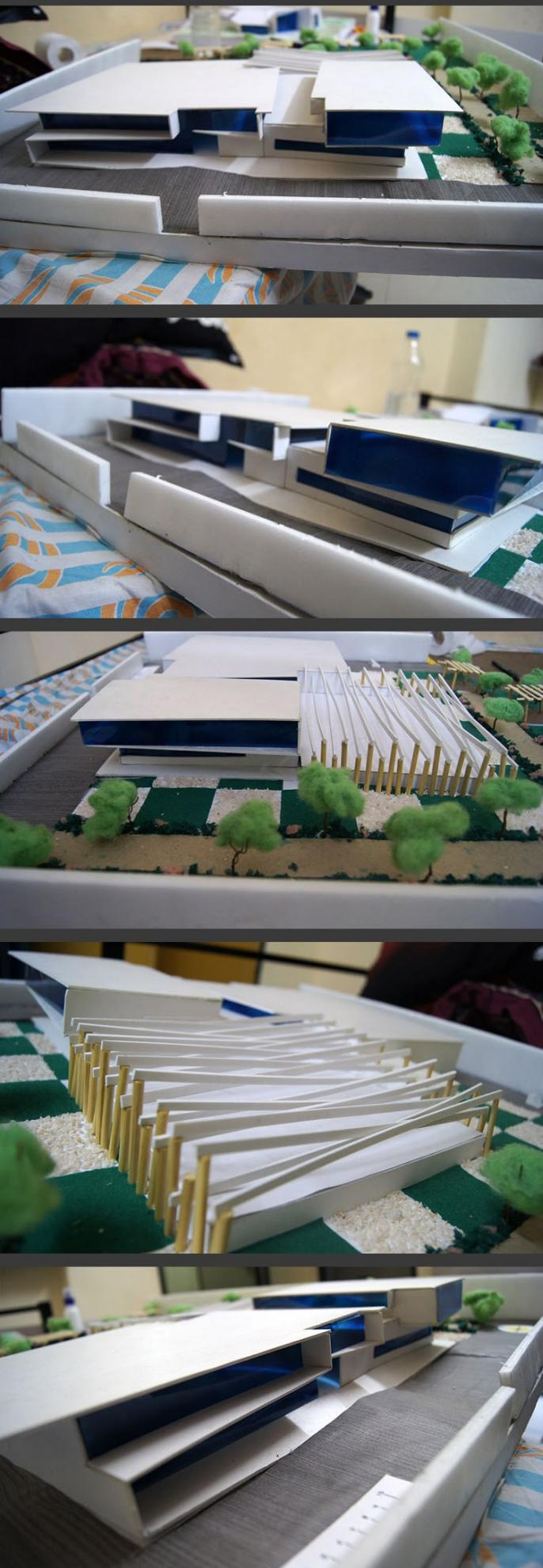
# THE OFFICE CANTEEN

MUMBAI

Designed as 2 well connected structures, the inside of the cafeteria is a rectangular volume with the sides in glass to allow natural beauty of the surrounding to be visible from within. The outside sitting has a pergola inspired from wings, allowing the effect of light and shade to fall on the floor. The lightness of the design allows the spaces to merge seamlessly with the natural surrounding creating a feeling of sitting in an open veranda than an enclosed space.

02

# SCALLED MODEL



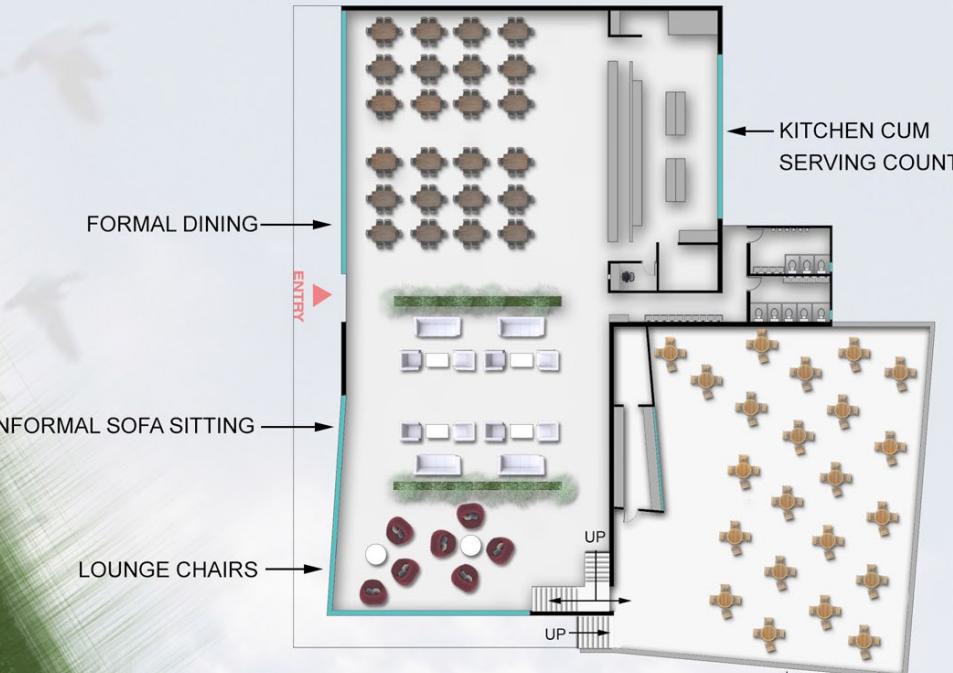
ENTRY



**SITE PLAN**  
SCALE- 1:1000

The landscape around the canteen provides plenty of spaces to sit around, to relish the weather and relax peacefully with the green surroundings rejuvenating their mood and energy.

Each opening on the exterior facade has been designed in angles to the sun such that it maximises the energy efficiency by avoiding direct light to enter, but at the same time, allows enough natural light to reach the desired luminous intensity.



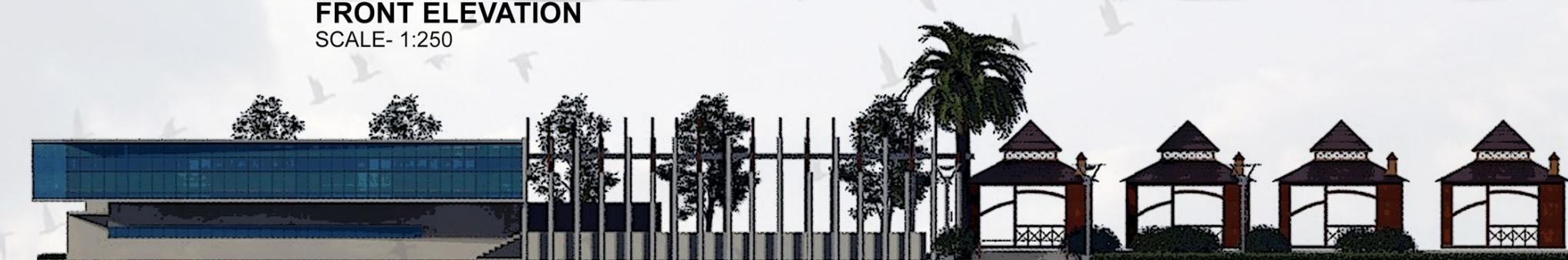
**GROUND FLOOR PLAN**  
SCALE- 1:500



**CONCEPTUAL VIEW**

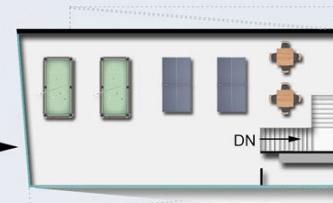


**FRONT ELEVATION**  
SCALE- 1:250



**LEFT ELEVATION**  
SCALE- 1:250

The idea was to create a space for each category of people, who desire an environment that suits his/her mood. The space has been divided into 4 spaces- **First** space has a formal dining where one can simply dine in and leave. **Second** space is for those who come in a group and desire to relax for a while. **Third** space is comprised of lounge chairs, where one wishes to sit alone and relax .

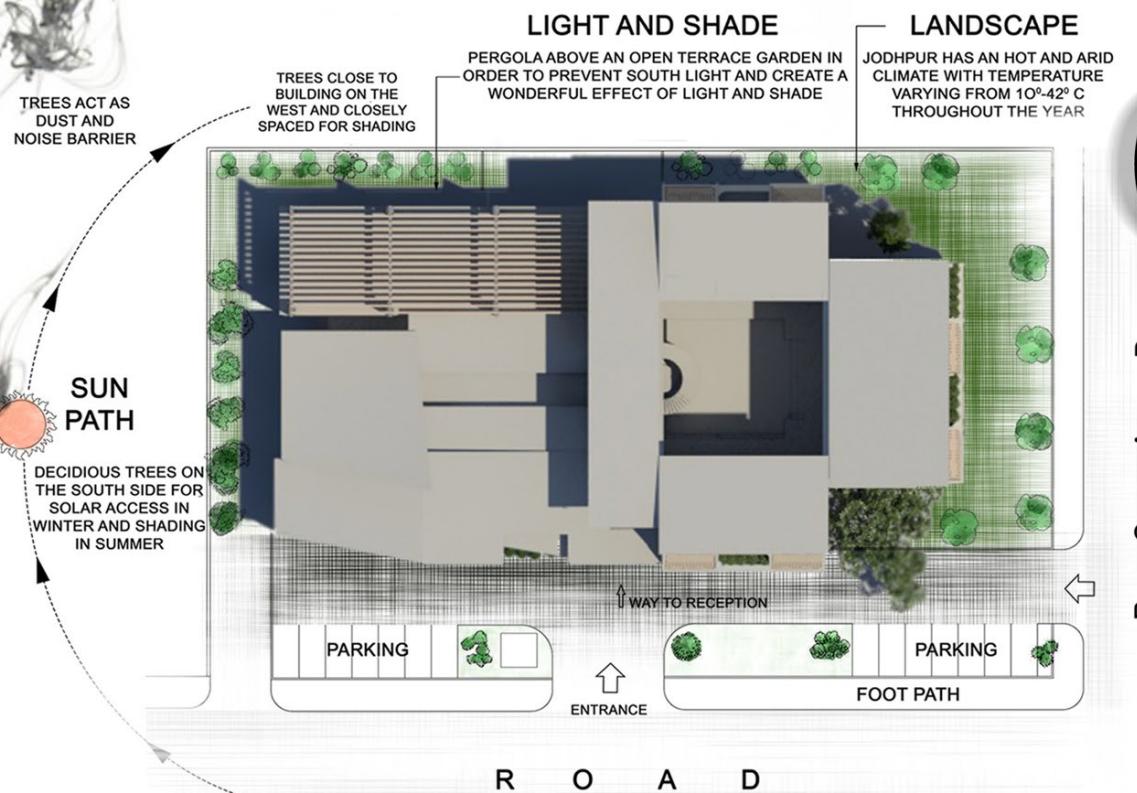


**FIRST FLOOR PLAN**  
SCALE- 1:500

The first floor plan, comprises of an indoor play area, for the people who want to revive their energy in the mid hours of the office.

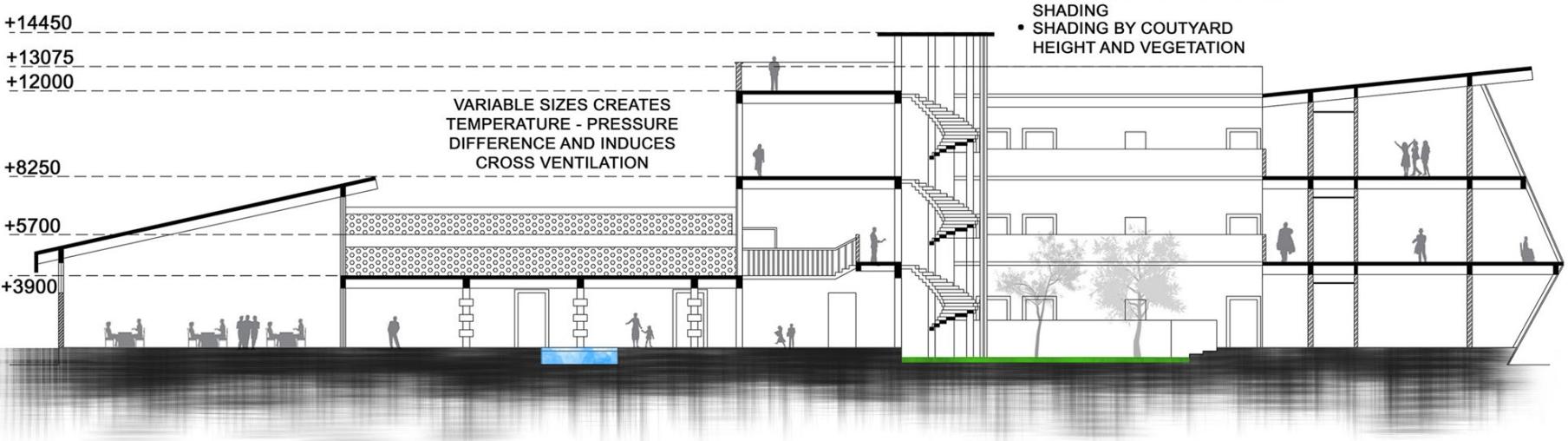
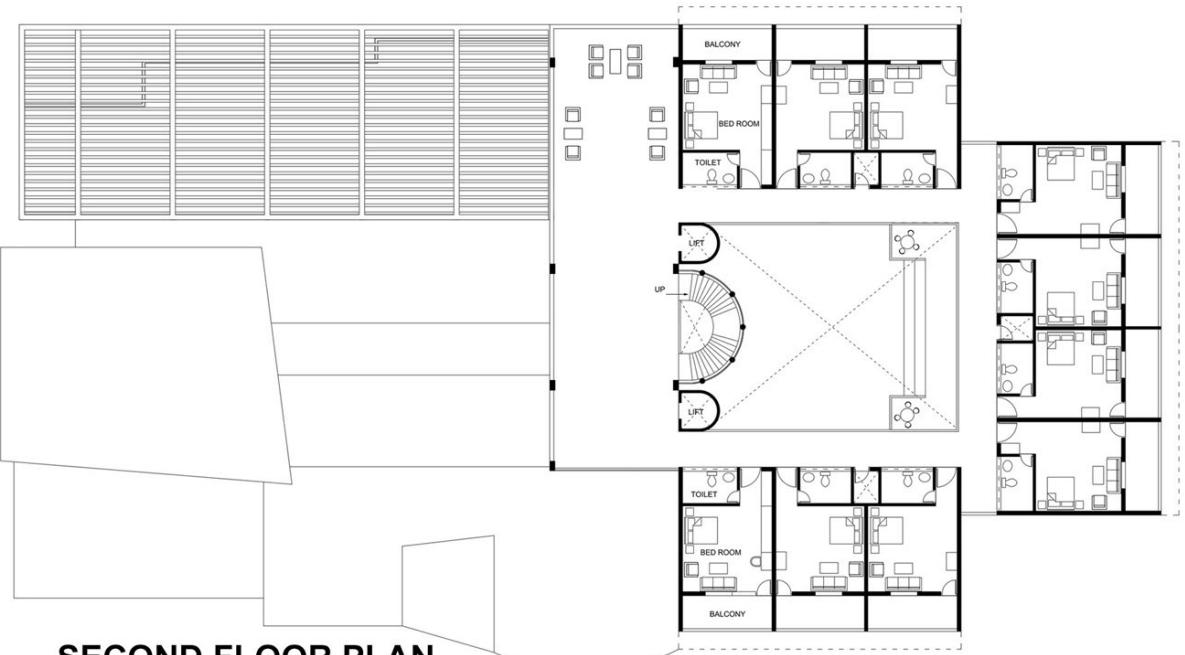
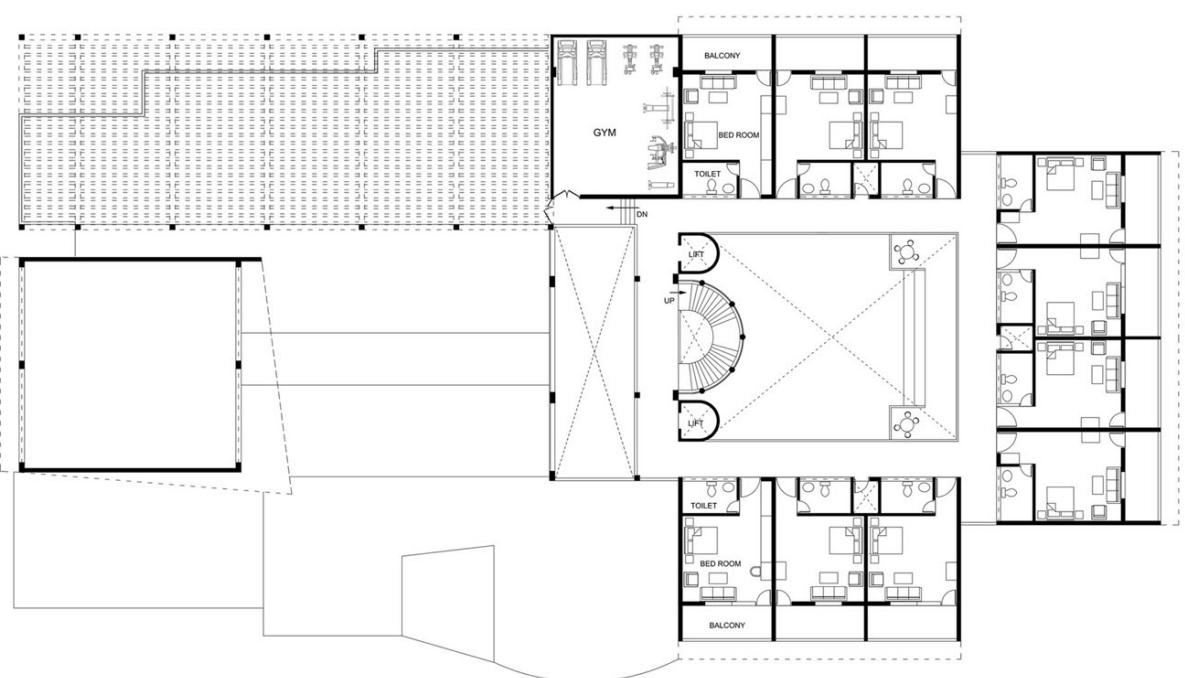
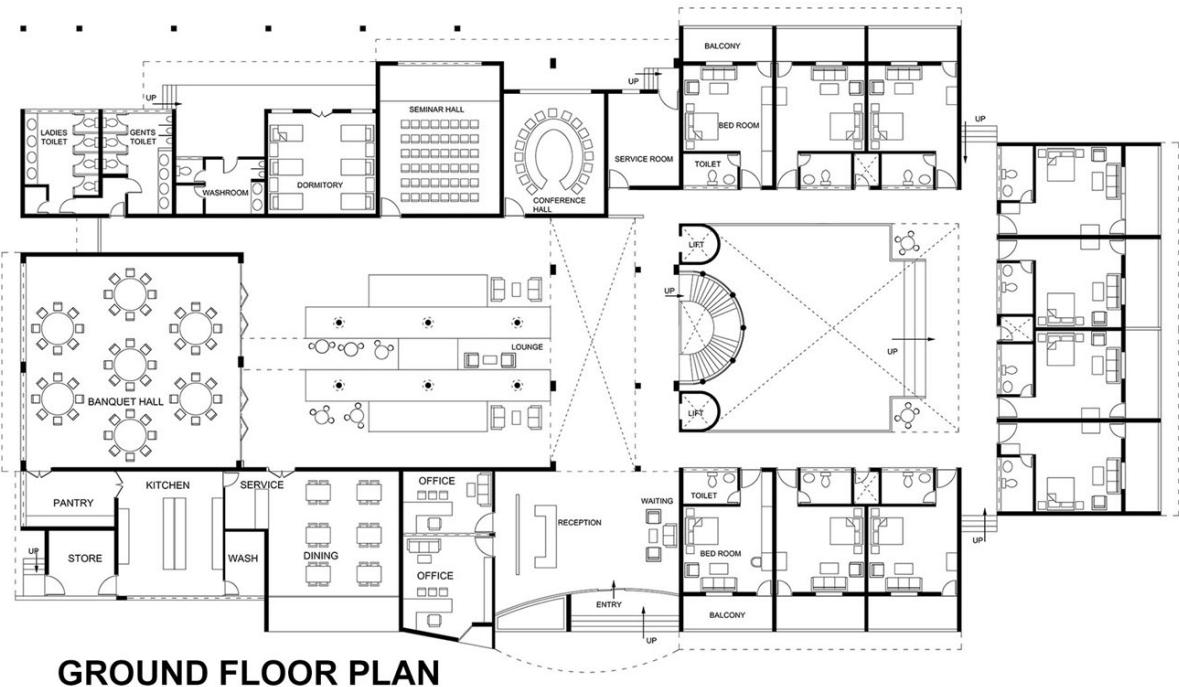
# THE NIFT GUEST HOUSE JODHPUR

The building has been designed in response to the harsh climate of Jodhpur. The spaces created helps to keep the inner microclimate of the building cooler with respect to the outside. Also , the traditional jali system has been adapted to filter the harsh sunlight and compress to hot air coming in, making it cooler.



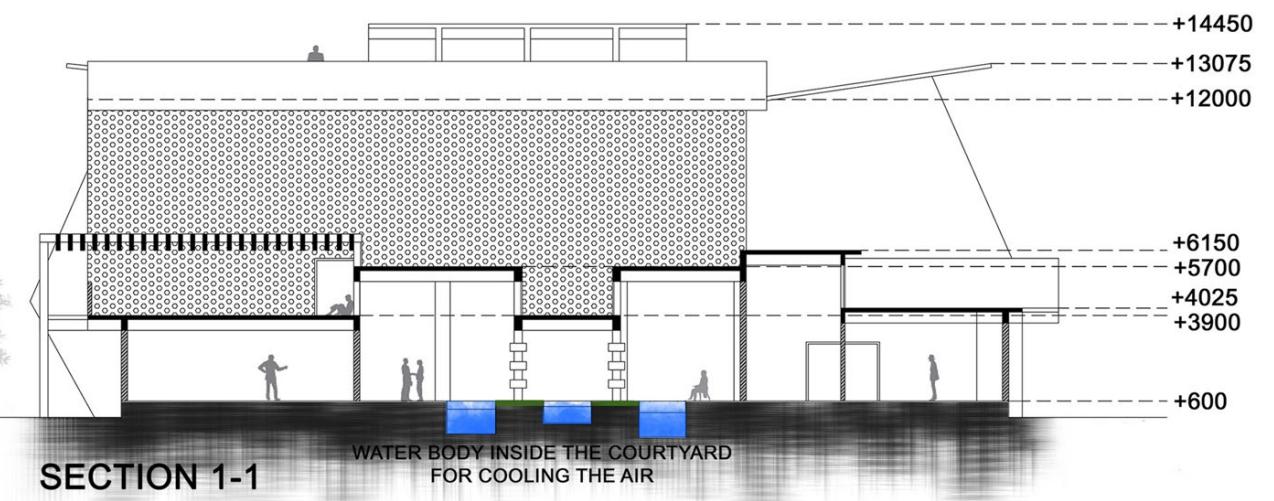
The form of the building is a combination of various boxes of irregular shapes and sizes, each keeping in mind, the natural light and ventilation, along with the volume required to serve the purpose. The wall also project in angles to protect direct sunlight to enter in.





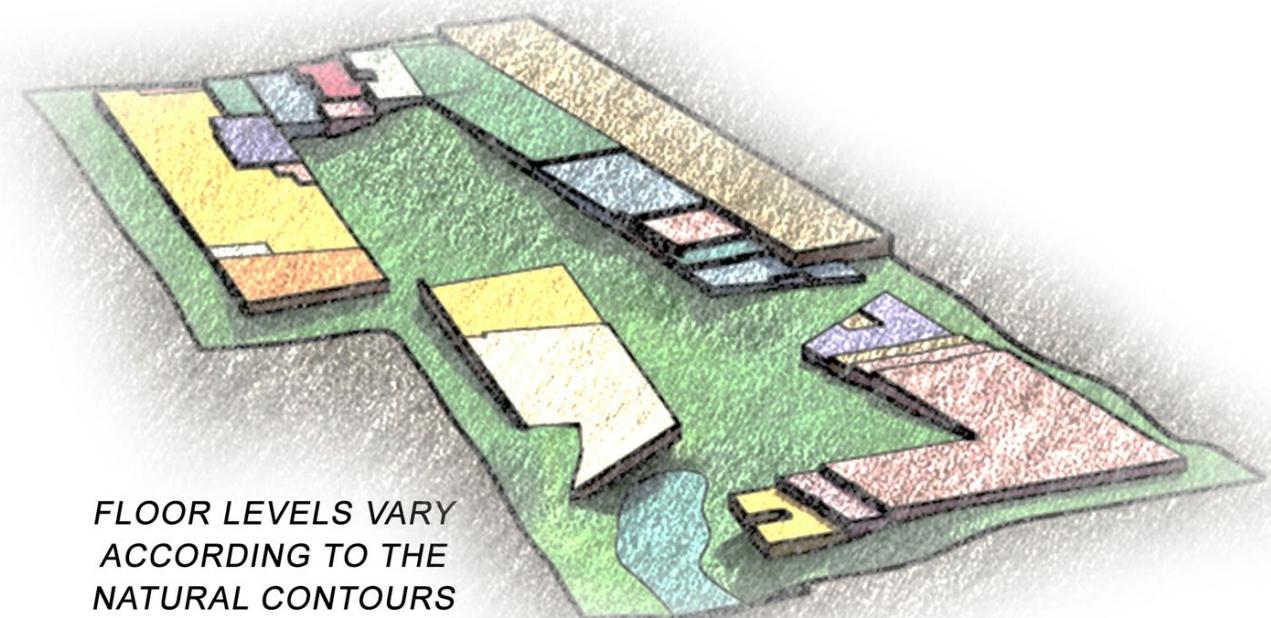
**EVAPORATIVE COOLING**  
EVAPORATIVE COOLING WORKS WELL IN HOT AND ARID REGIONS AS HUMIDITY IS LOW IN THIS ZONE

TREES CLOSE TO BUILDING ON WEST SIDE AND CLOSELY SPACED FOR SHADING

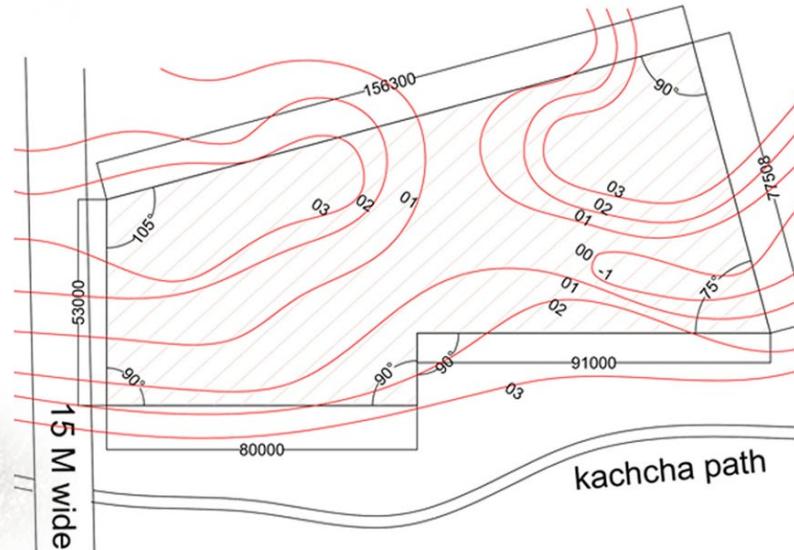


# THE MOTEL RESORT

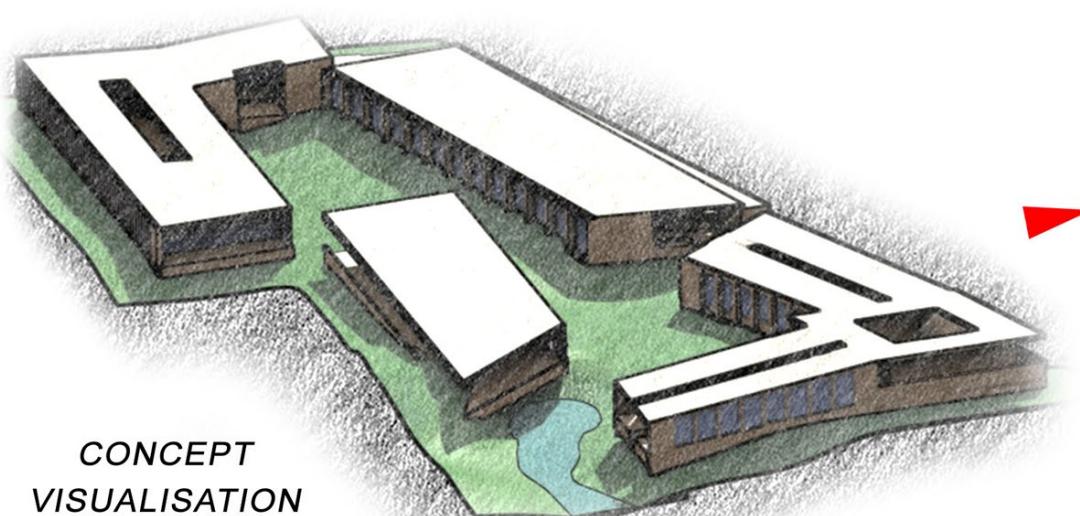
JAIPUR HIGHWAY



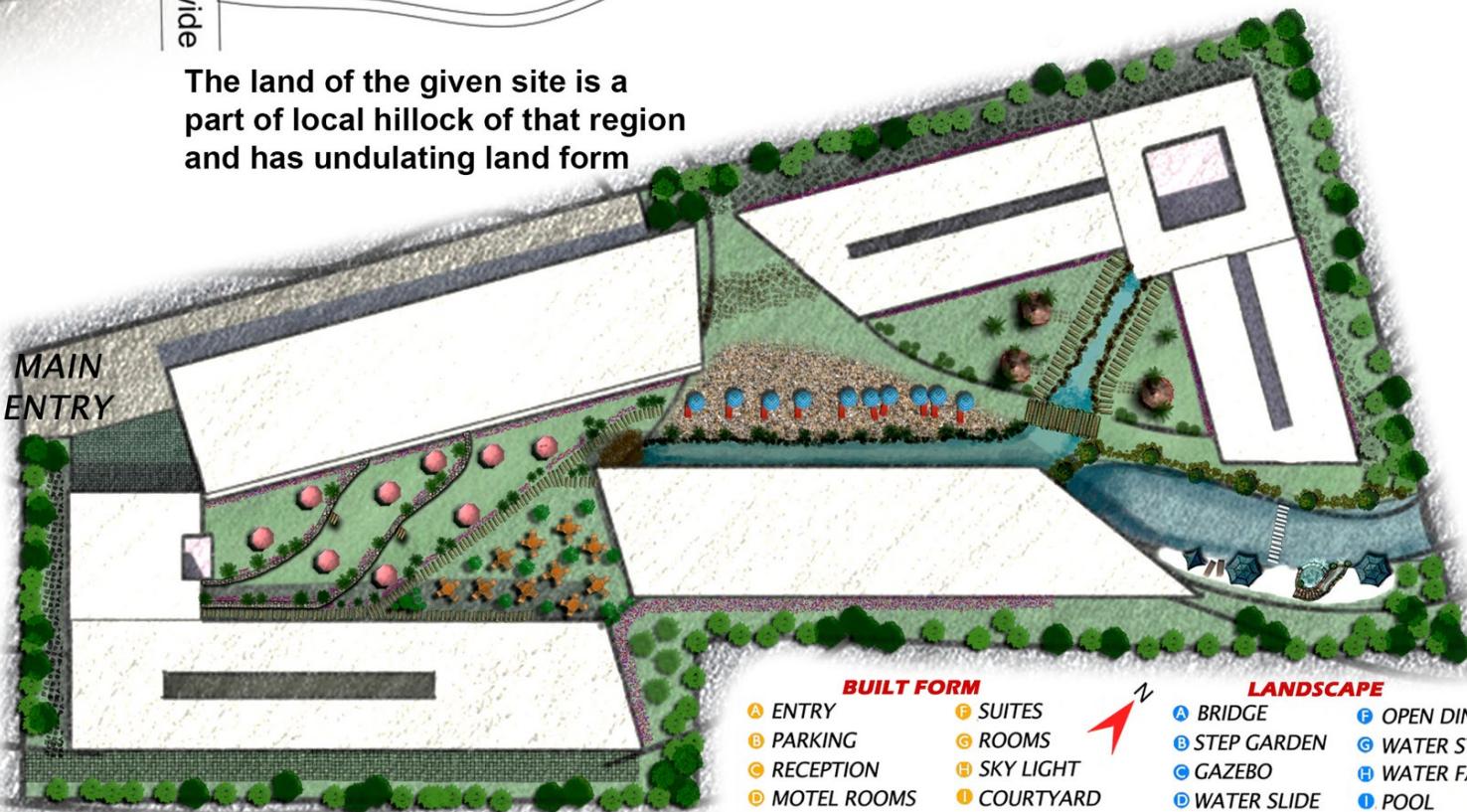
FLOOR LEVELS VARY ACCORDING TO THE NATURAL CONTOURS OF THE SITE



The land of the given site is a part of local hillock of that region and has undulating land form



CONCEPT VISUALISATION OF THE SITE



site plan

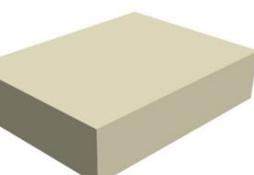
## SITE USAGE

TOTAL SITE AREA-**2.6 acres**

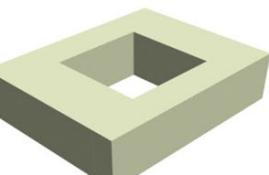
TOTAL BUILT UP AREA-**1.5 acres**

GREEN SPACES ACHEIVED-**more than 40%**

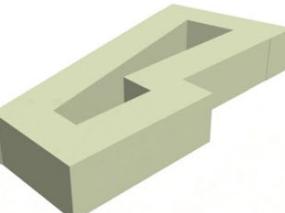
MAX. CONTOUR VARIATION- **4m**



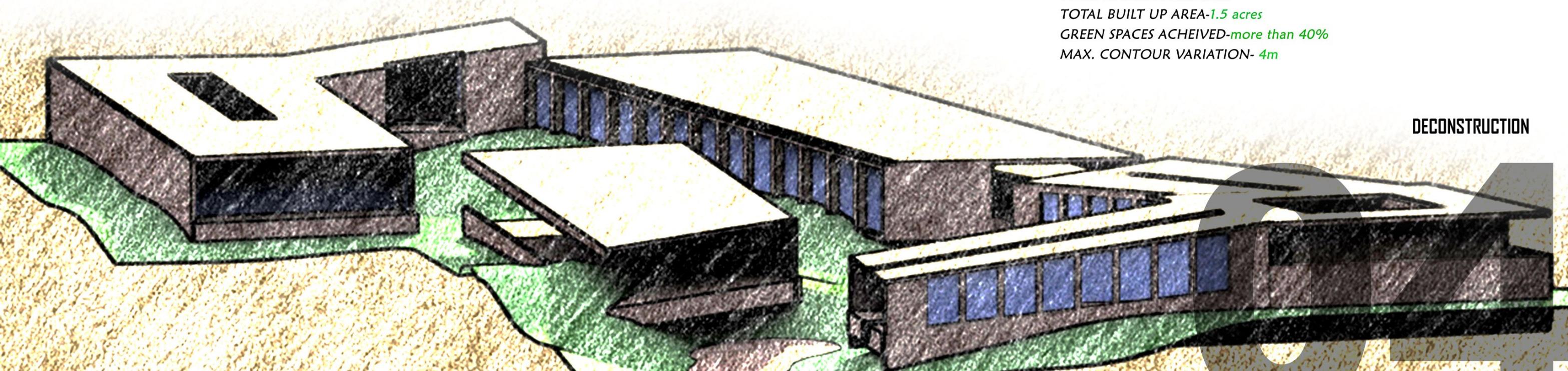
HIGH EXPOSURE TO RADIATION AND WIND

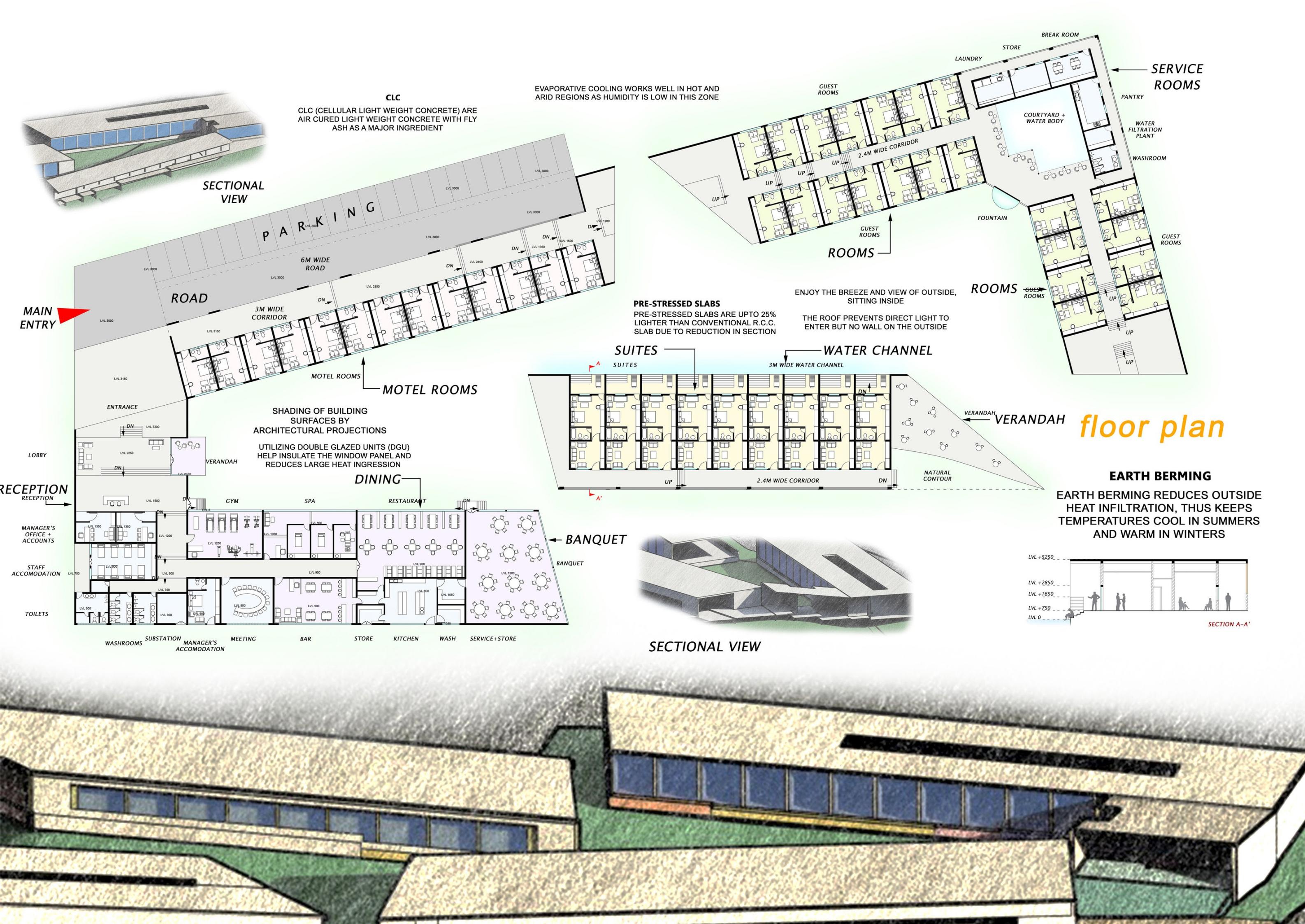


IMPROVES DAY LIGHT AND VENTILATION



ADAPTING THE PLAN



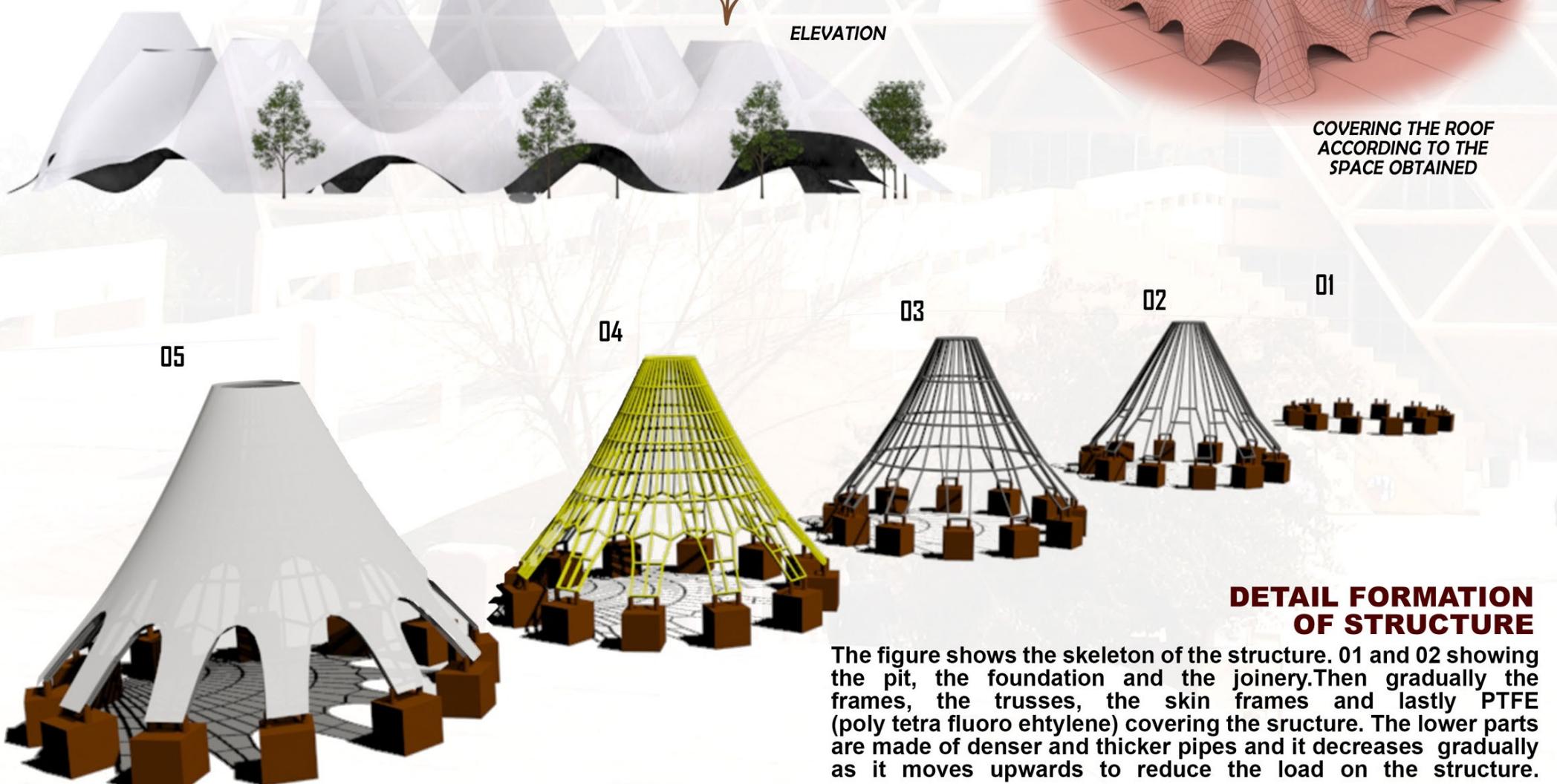
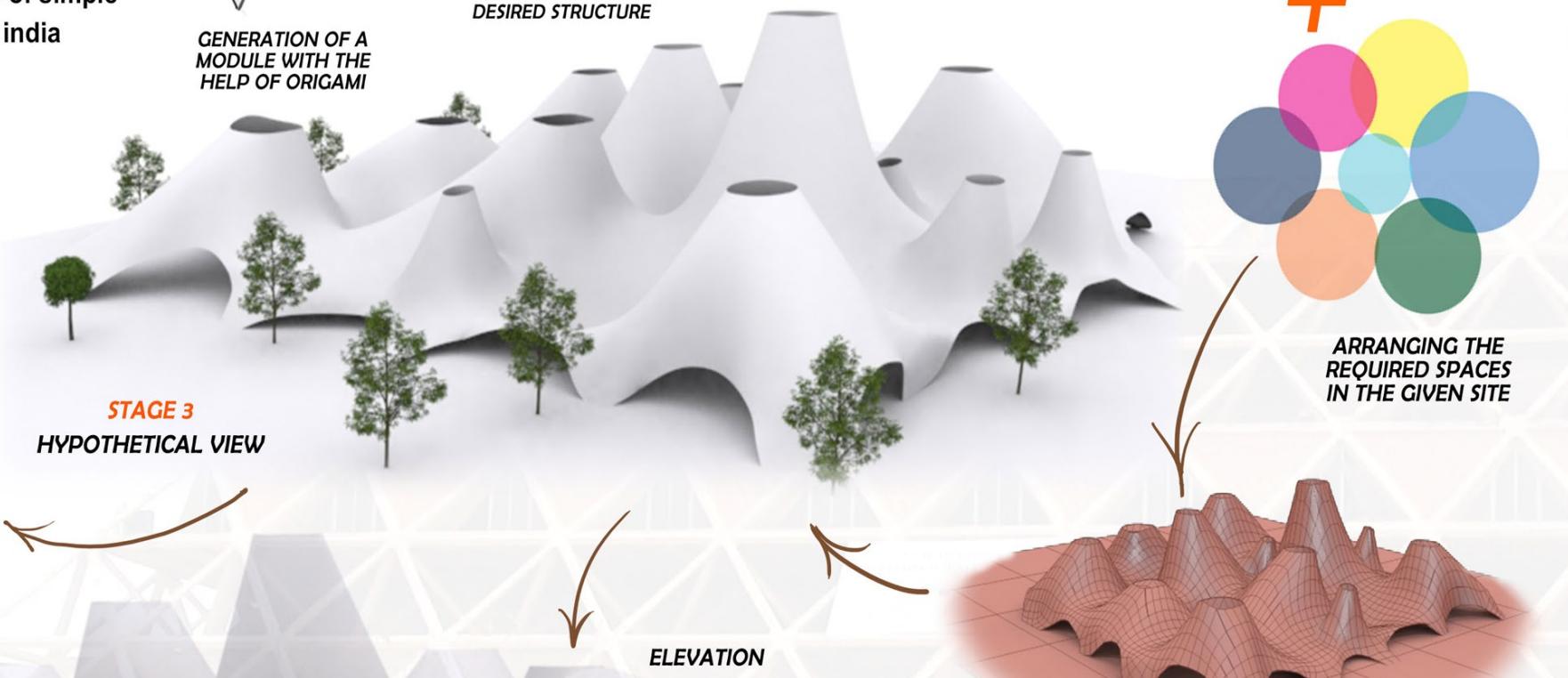
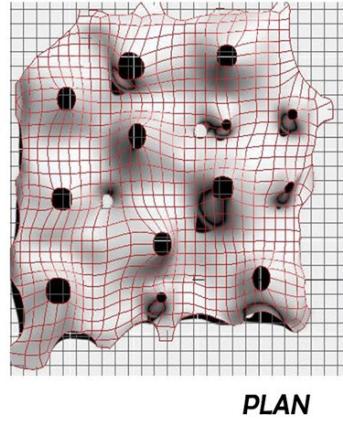
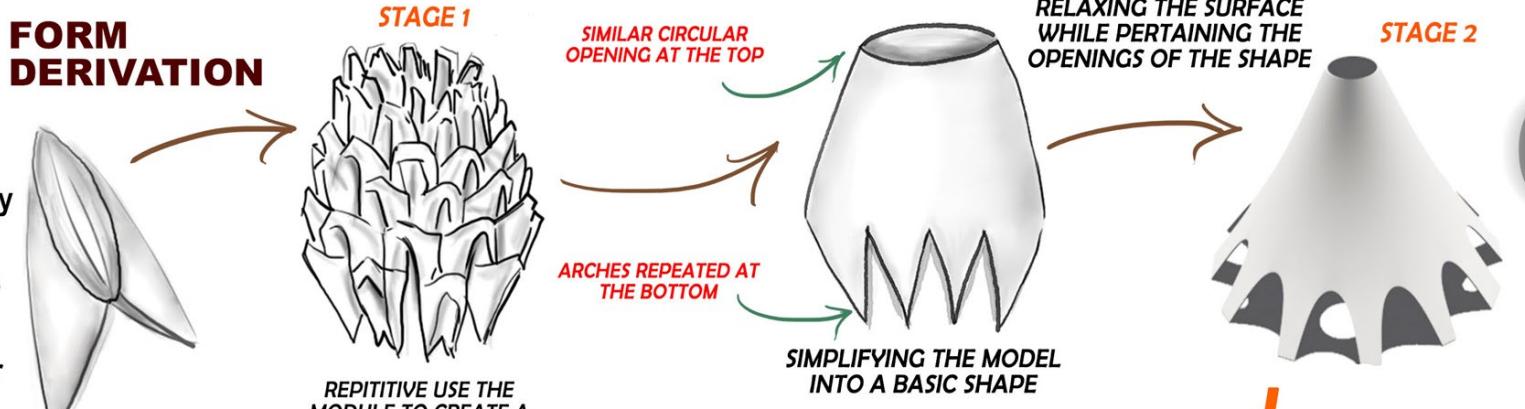


# THE COLLEGE OF FINE ARTS

PRAGATI MAIDAN

## AIM

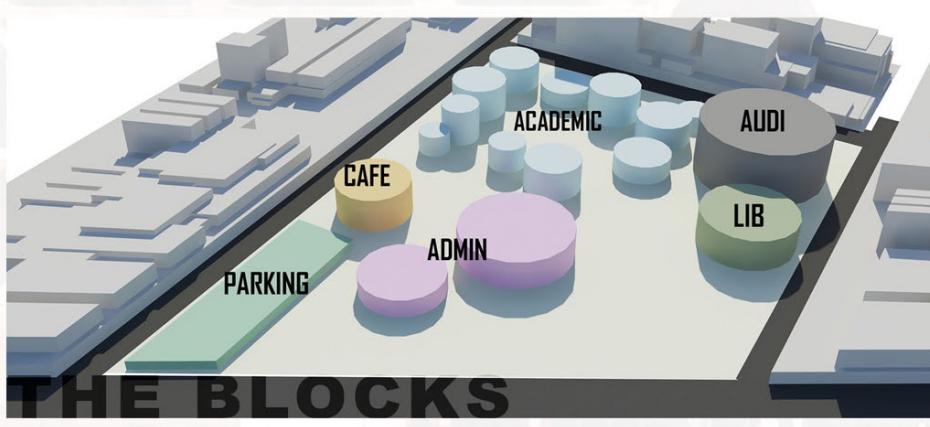
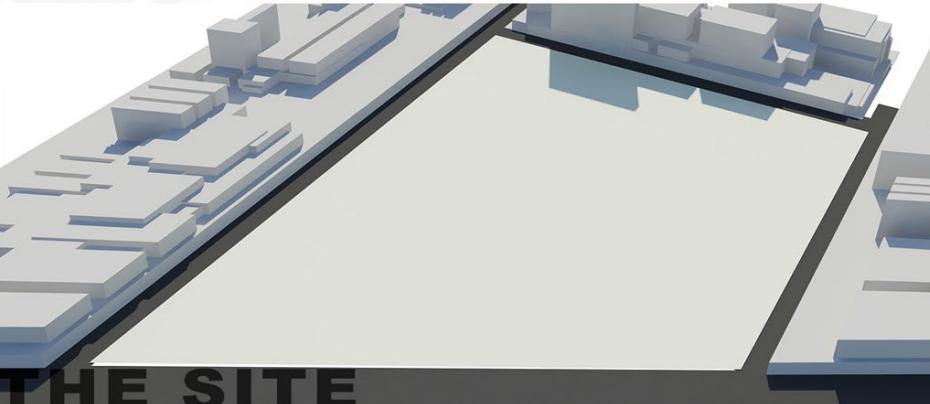
- 1.To develop a form in a group which can be further evolved into spatial arrangements.
- 2.Progressively derive the form individually to envision it as an architectural entity.
- 3.Plan an entire campus that accomodates and incorporates in the evolved form.
- 4.The campus will be a flagship endeavour in equipping various levels of simple mentors of architecture in india



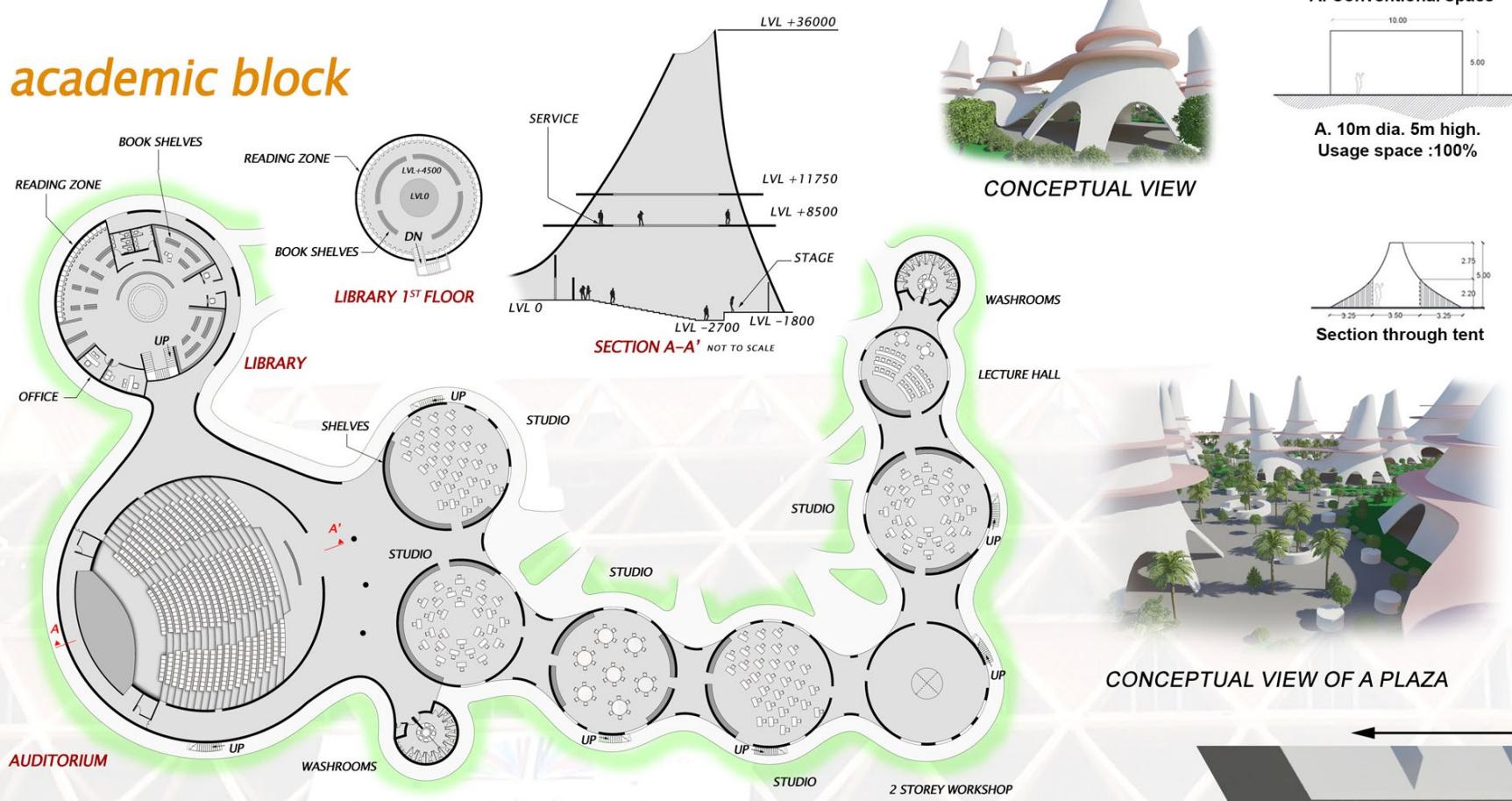
**BASIC SITE ZONING**  
Most blocks oriented to avail maximum sunlight and are open to landscape areas for natural ventilation. It not only creates better environment but also gives a psychological comfort.



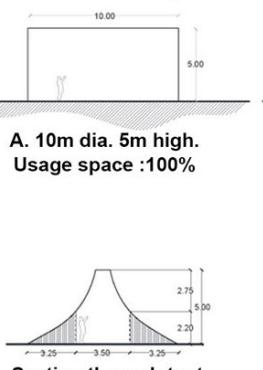
## DESIGN DEVELOPMENT



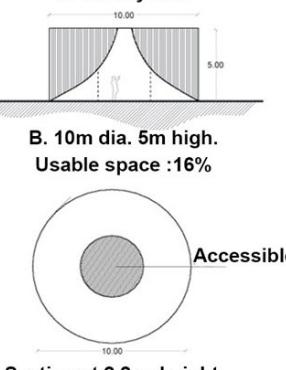
## academic block



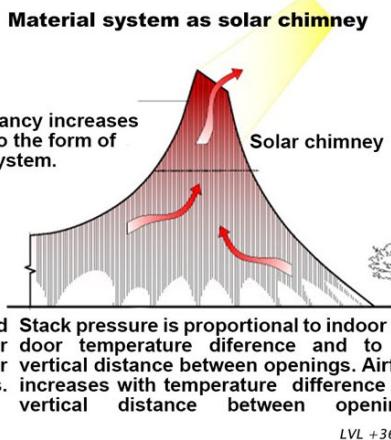
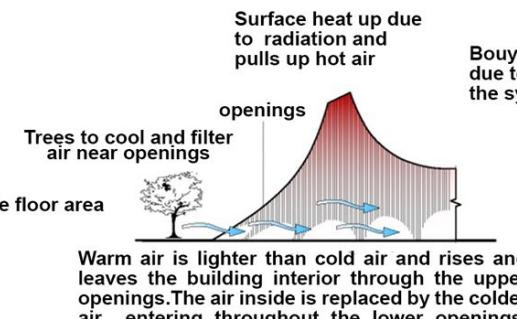
A. Conventional space



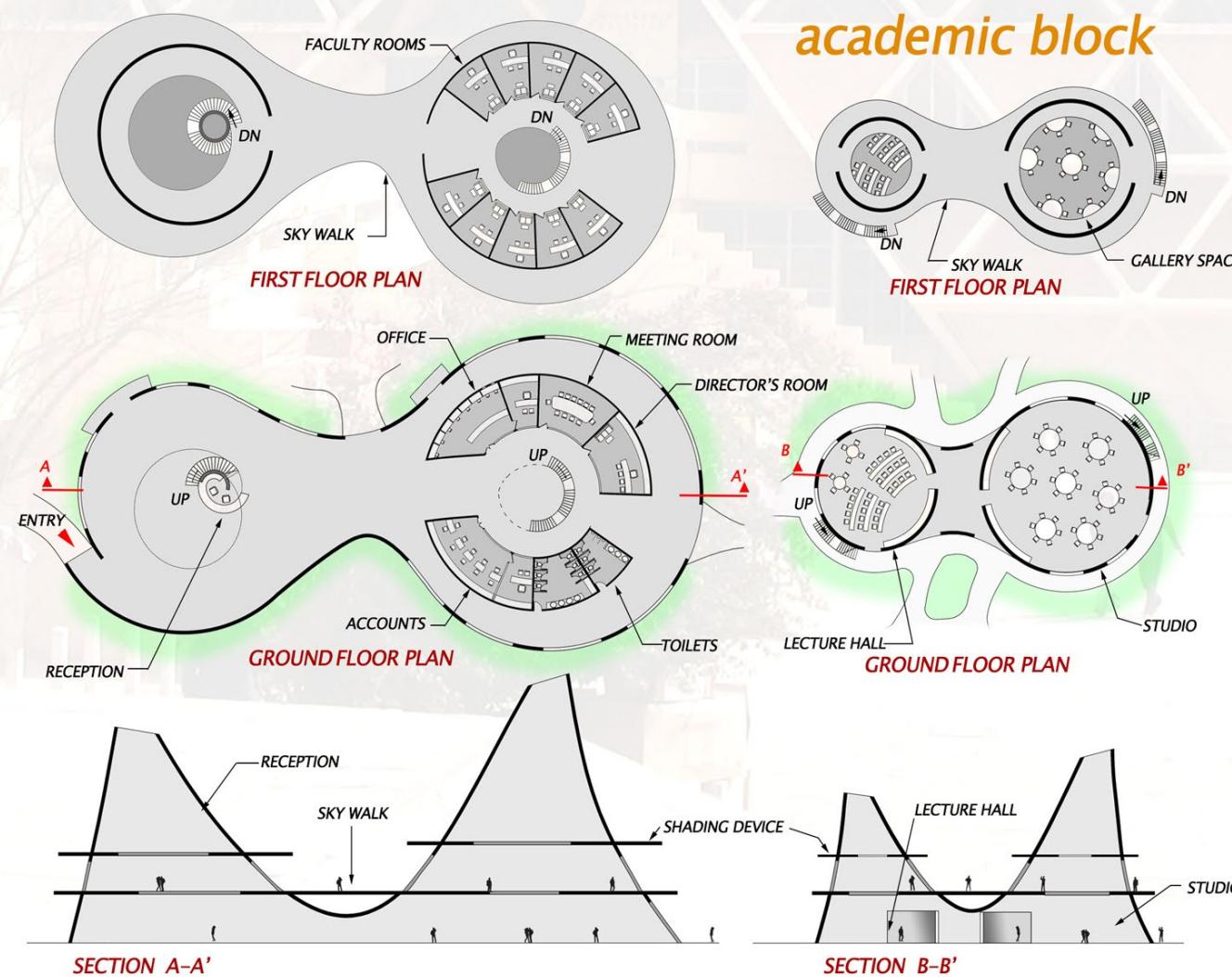
B. Tent system



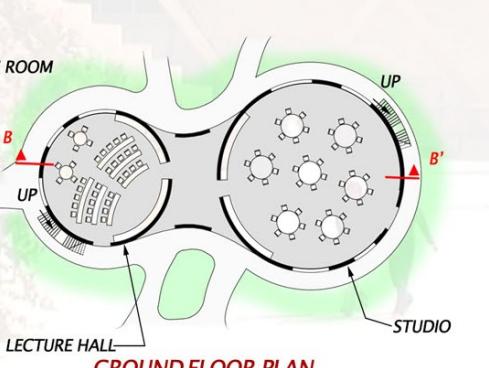
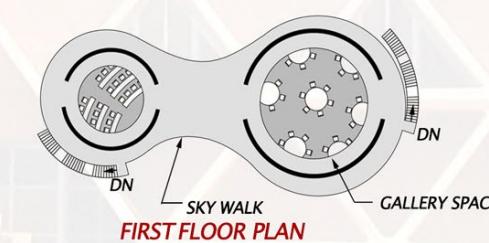
Openings at lower levels facing windward direction



## admin block



## academic block



TREES ACT AS DUST AND NOISE BARRIER

### SITE USAGE

TOTAL SITE AREA-21405m<sup>2</sup>

TOTAL BUILT UP AREA-4788m<sup>2</sup>

GREEN SPACES ACHEIVED-more than 40%

MAX. HEIGHT OF THE BUILT UP- 35m

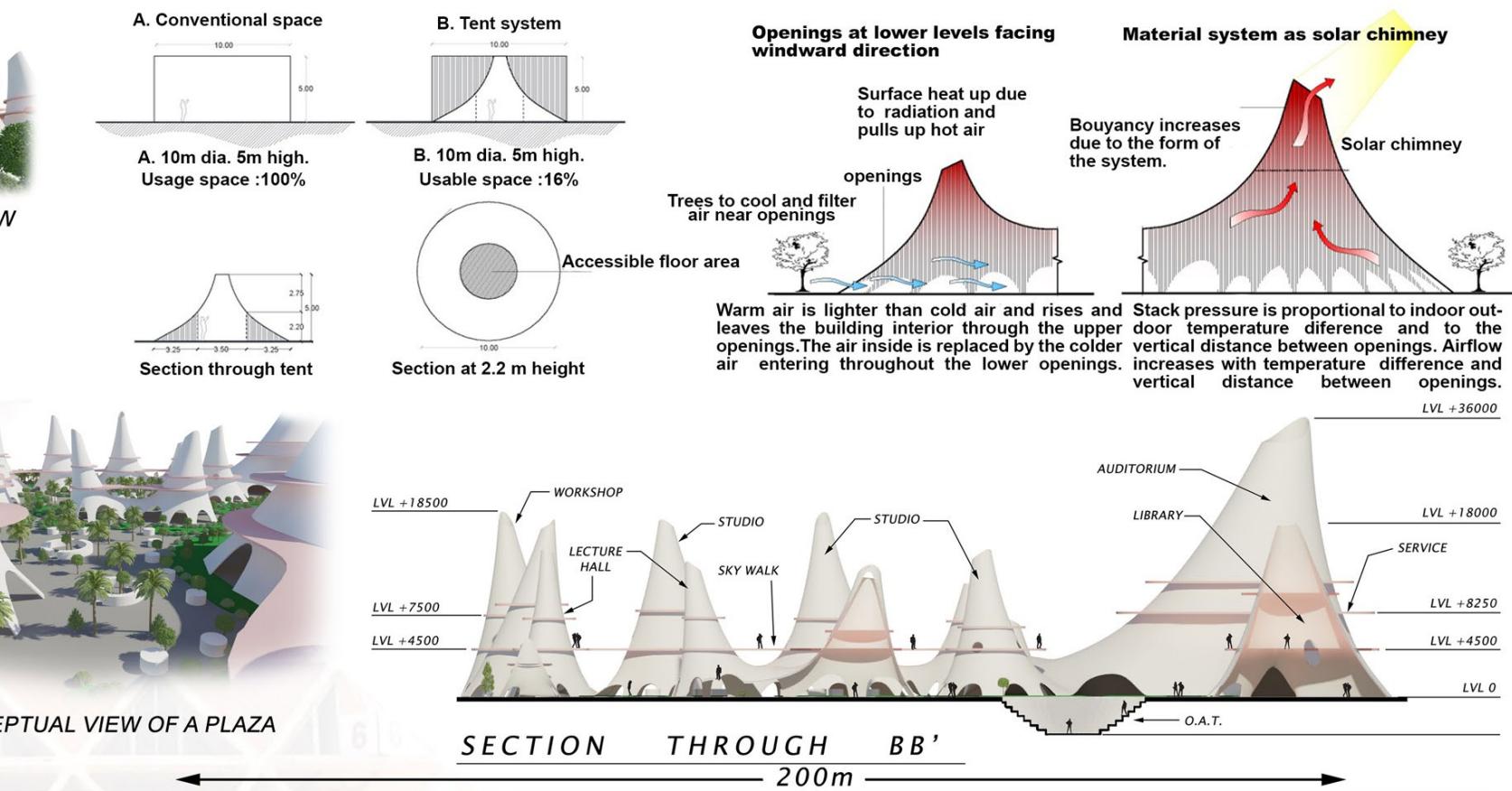
### PROMOTING GROUND WATER RECHARGE

REDUCING PAVED AREAS AND USING PERVIOUS PAVING. SUCH PAVING CAN BE USED IN WALKWAYS, PAVEMENTS AND VEHICULAR ROADS WITHIN THE SITE

DECIDIOUS TREES ON THE SOUTH SIDE TO GAIN SOLAR ACCESS IN WINTER AND SHADING IN SUMMER

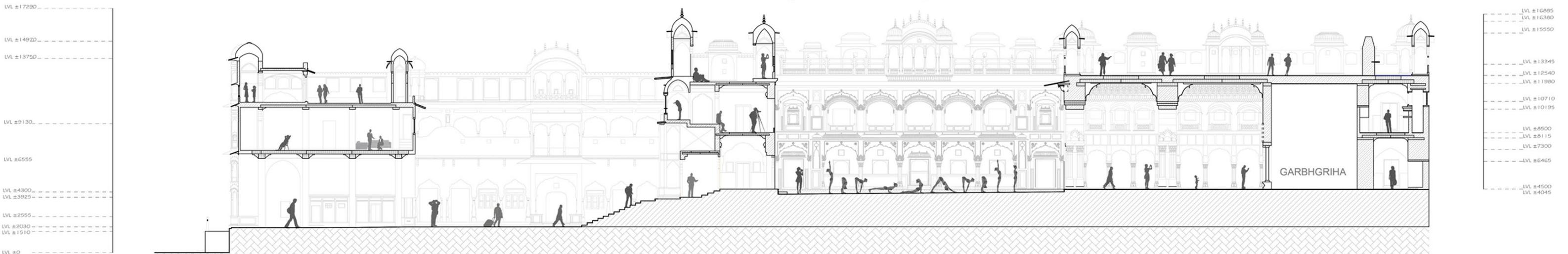
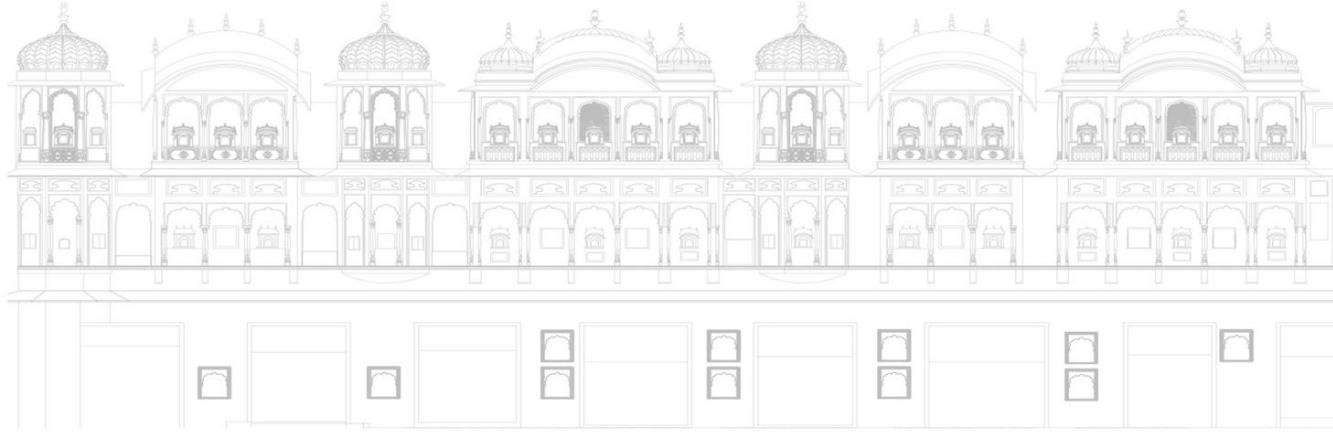
- A ENTRY
- B PARKING
- C ADMIN BLOCK
- D CANTEEN
- E PLAZA

- F ACADEMIC BLOCK
- G AUDITORIUM
- H LIBRARY
- I PLAZA CUM SCULPTURE GALLERY

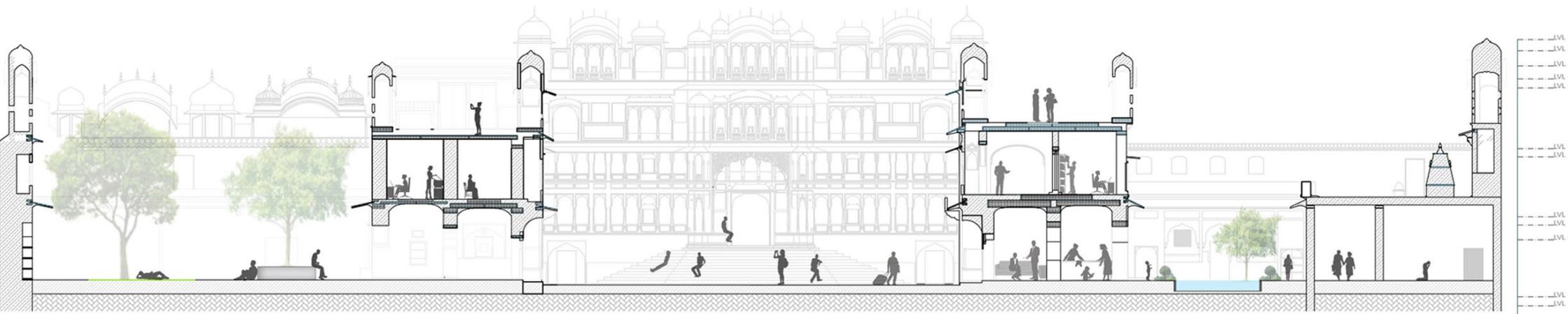
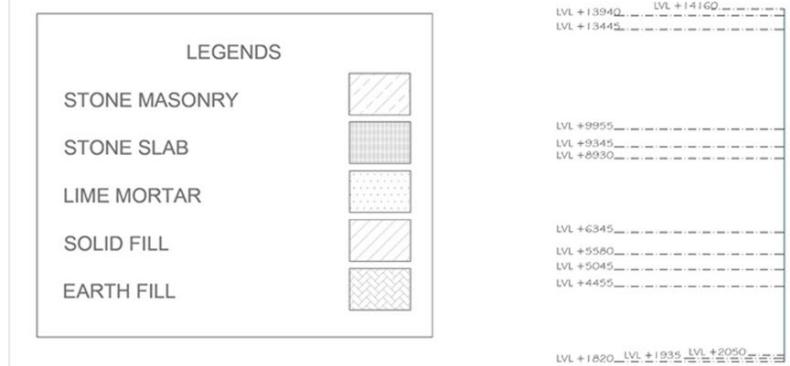


# VISHNU RESEARCH CENTRE MANDIR SHRI RAMCHANDRAJI

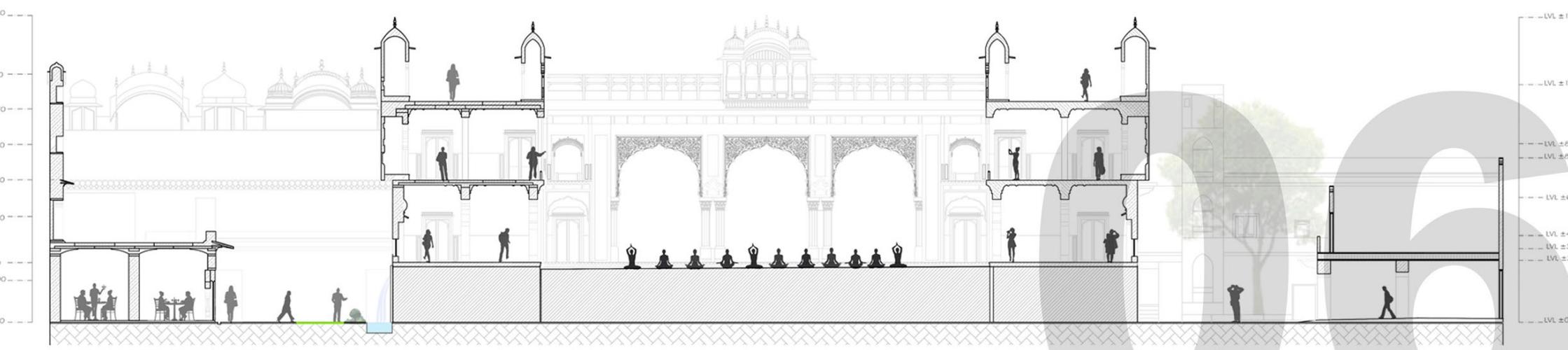
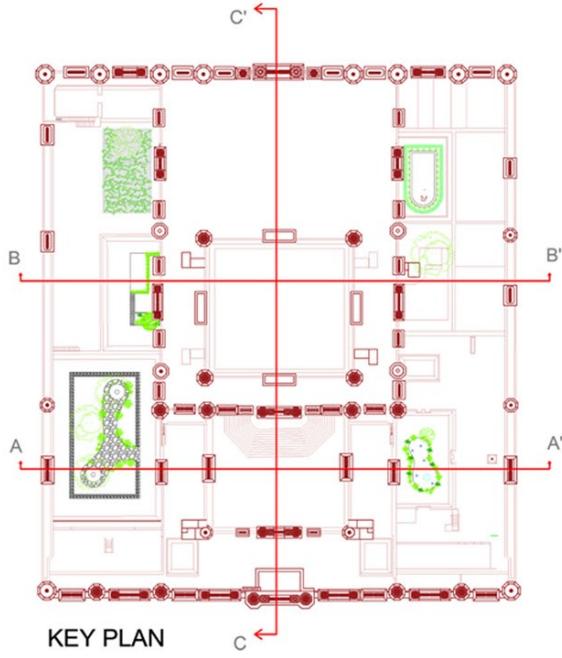
A unique Vaishnav Centre to present the Vaishnav perspective of life, including a gigantic display of the material and spiritual worlds, which could be viewed by pilgrims on different levels as they travelled through the Centre.



**SECTION C-C'**



**SECTION A-A'**



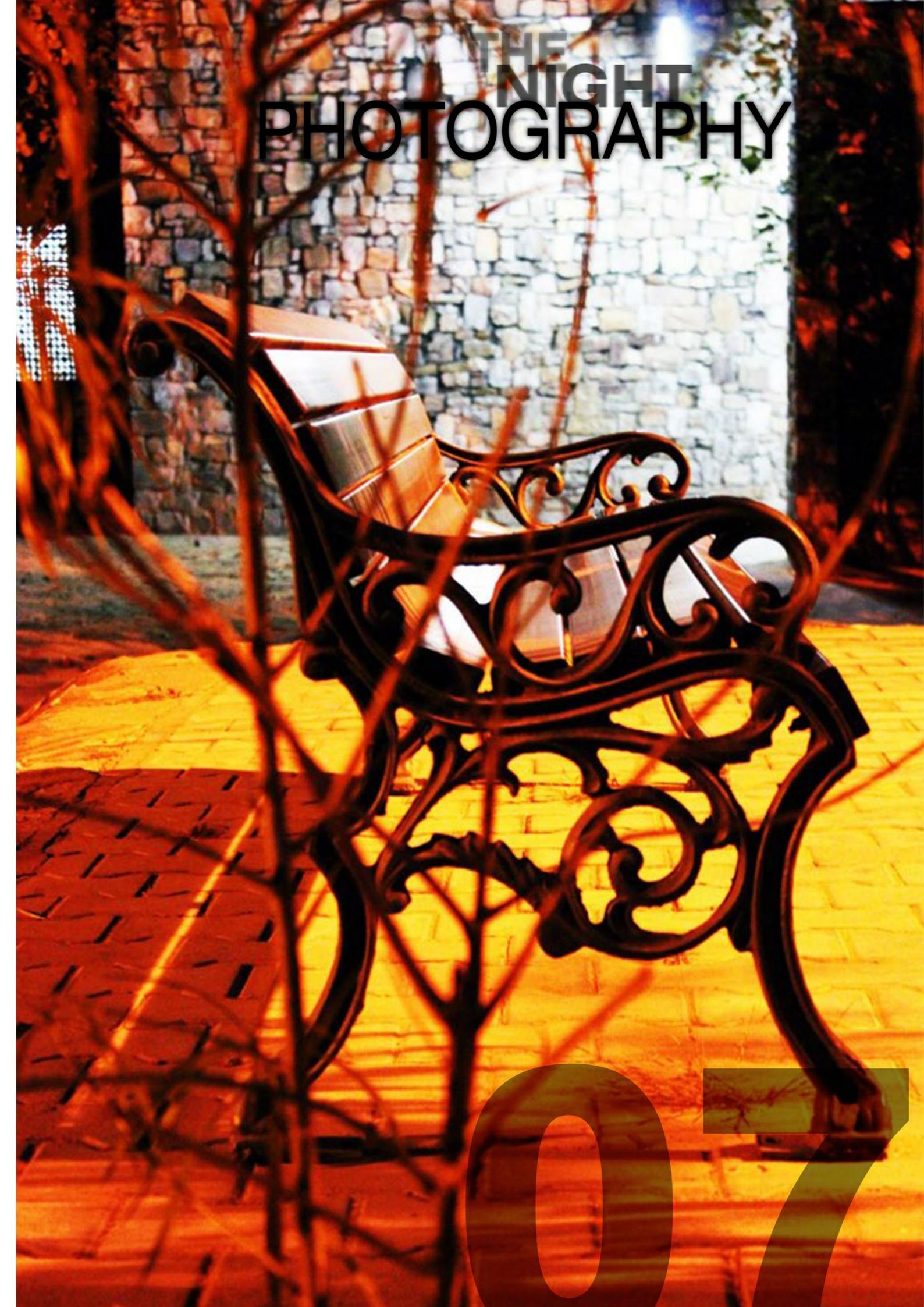
**SECTION B-B'**

# CONCEPT VIEWS





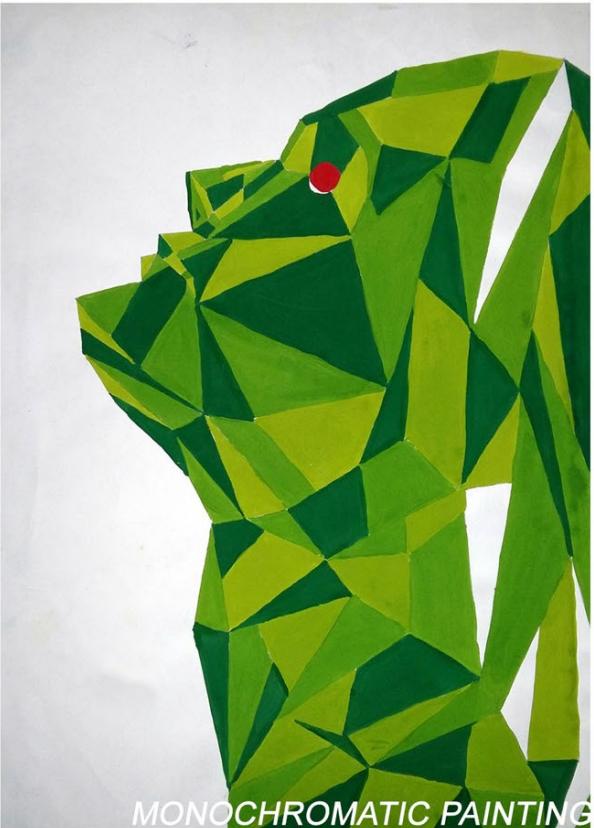
THE  
NIGHT  
PHOTOGRAPHY



07



REGISTERED LOGO FOR 'YATI EXPORTS'



MONOCHROMATIC PAINTING



LANDSCAPE PROJECT ON 3DSMAX



MONOCROMATIC PAINTING



2'6" x 5'1" WALL PAINTING IN A BEDROOM



MY FIRST 3DSMAX RENDER ON 7<sup>TH</sup> DAY LEARNING

OTHER WORKS

08

W  
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'WOMEN'S HUB' BOUTIQUE