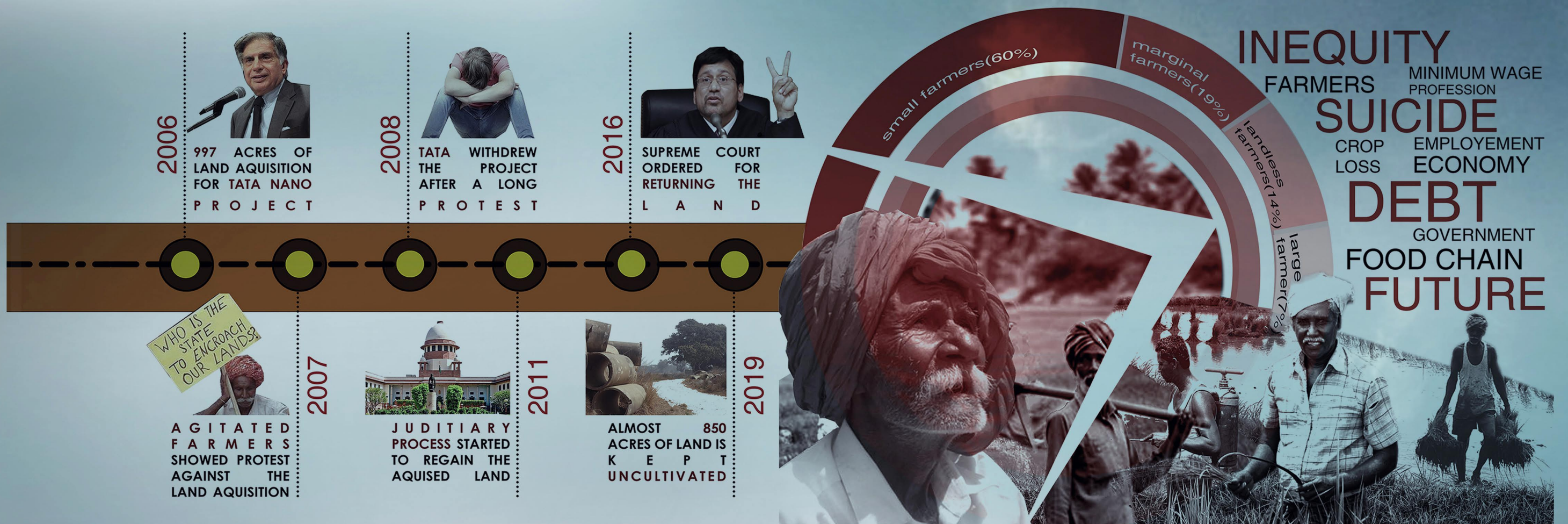
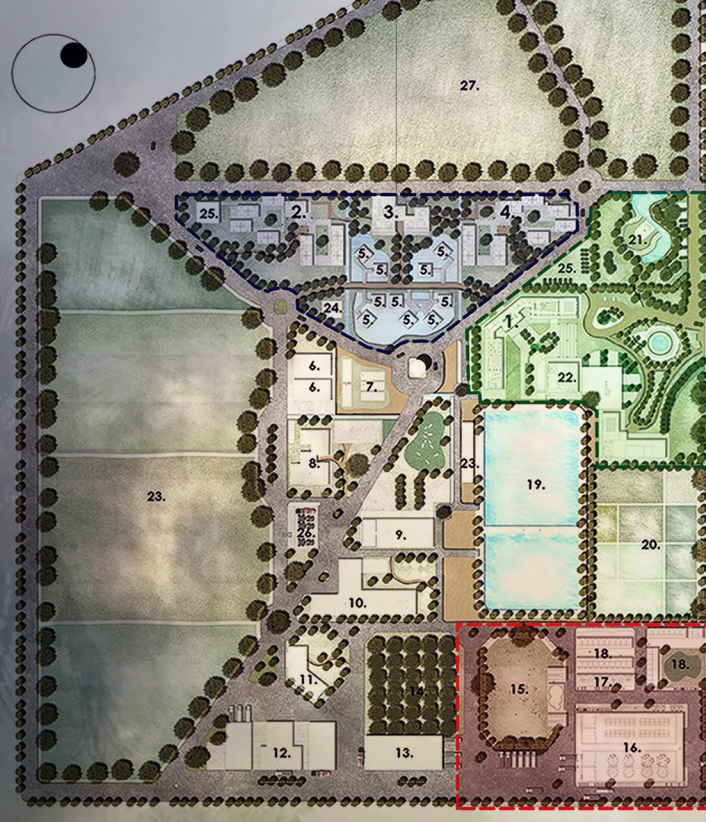


SINGUR, from ups & downs to upside down



Site Plan

1. TRAINING & RESEARCH CENTRE
2. FARMERS' RESIDENCES
3. COMMON CANTEEN
4. TRAINING RESOURCES
5. VERMIFORMS
6. VERMIFORMS
7. PROTECTED FARMING CANTEEN
8. FARMERS' REST SPACES
9. FARMERS' C
10. JAMSHEDPUR
11. JAMSHEDPUR
12. JAMSHEDPUR
13. JAMSHEDPUR
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24. JAMSHEDPUR
25. JAMSHEDPUR
26. JAMSHEDPUR
27. JAMSHEDPUR



The Residence Plot

The residence plot will have residences for farmers, professionals, farmers' and research school. Though all of them would have distinct residence blocks but the common space of the centre would be the meeting space for all of them. This will smooth up the social barriers.



The Training & Research Plot

The training and research plot will have spaces for organization of professional beings as well as farmers coming from an entire different background. Therefore the space should provide a common ground for them and as much nature inclusive as possible.



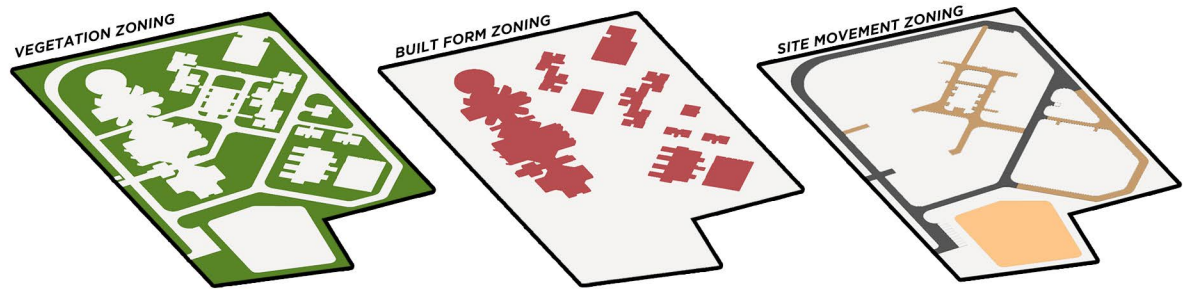
The Market Plot

The market plot consists of three major parts. The agro-market area, the commercial market space & the recreational block. The complete function of the market area is stabilized and distinguished by the distinct time of the day.



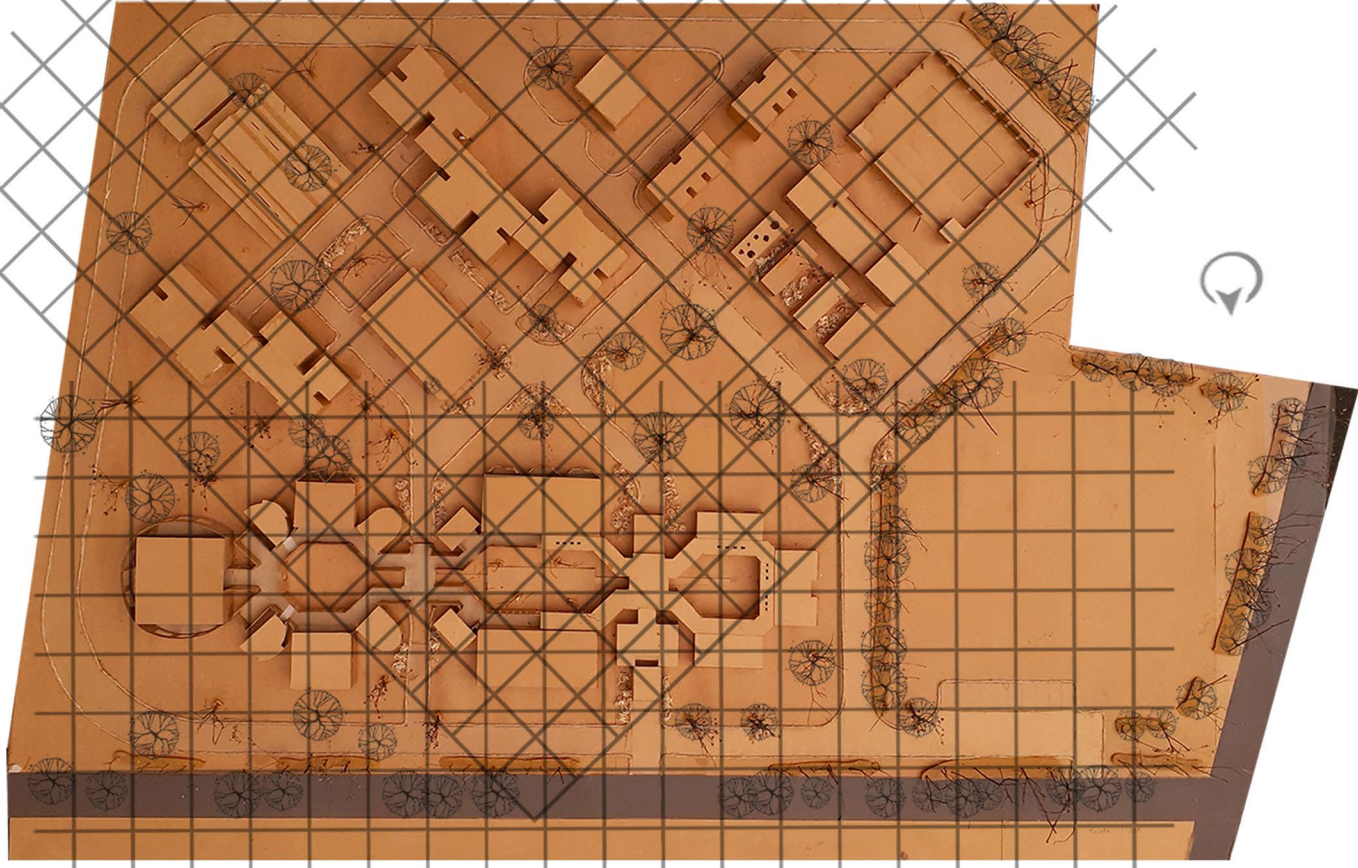
SYNOPSIS

Forcible land acquisition in SINGUR for TATA's automobile industry lead to a massive farmer's protest. Though the project was abandoned, it took almost 10 years for the farmers to get back their land. But due to heavy construction works, these lands eventually became a wasteful product, no more capable of farming. Hence the local economy has come to a standstill. This project intervenes in this present situation and proposes an agro based industry along with research and training centre, market and food processing units. This way agriculture itself can be treated as an industry. For this, a good amount of investment has to be done. The proposal for investment is to call it for a PPP (public private partnership) project. While setting up a conventional industry, the norm is to neglect the existential crisis of the local mass and set up a business which sometimes may entirely destroy the local economy, culture and other contextual parameters. But if the probable local occupation and lifestyle can be turned into a profitable industry, it becomes much easier to protect the local ethnicity along with simultaneous "development" being taken place.

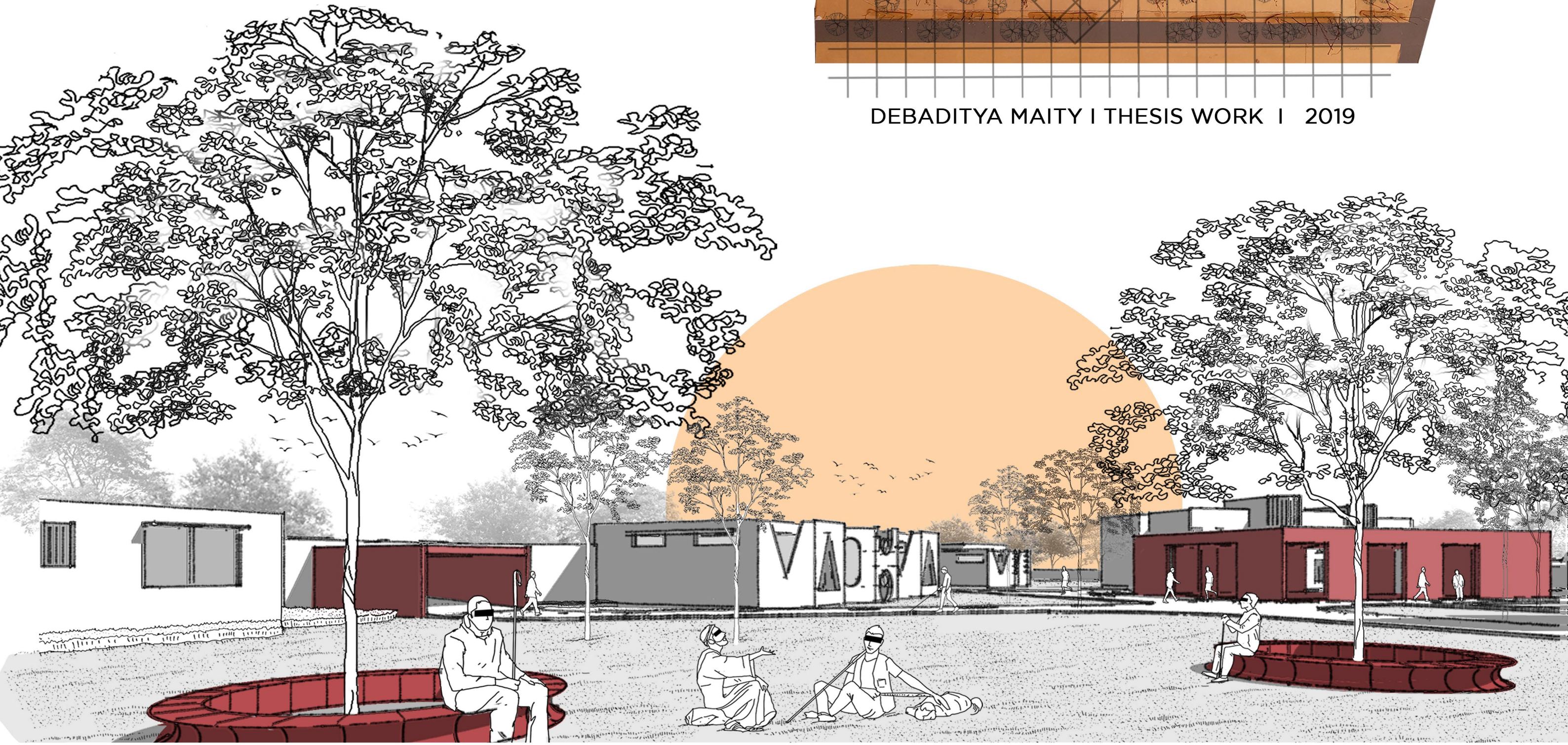


INTO A FADED PERSPECTIVE

CENTRE FOR PERFORMING ART AND VOCATIONAL TRAINING FOR VISUALLY IMPAIRED



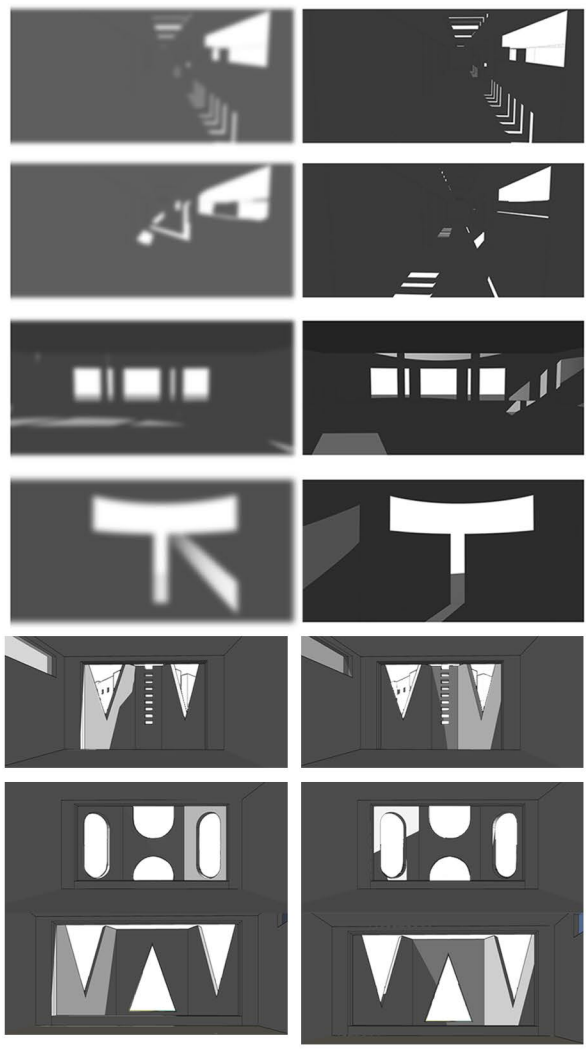
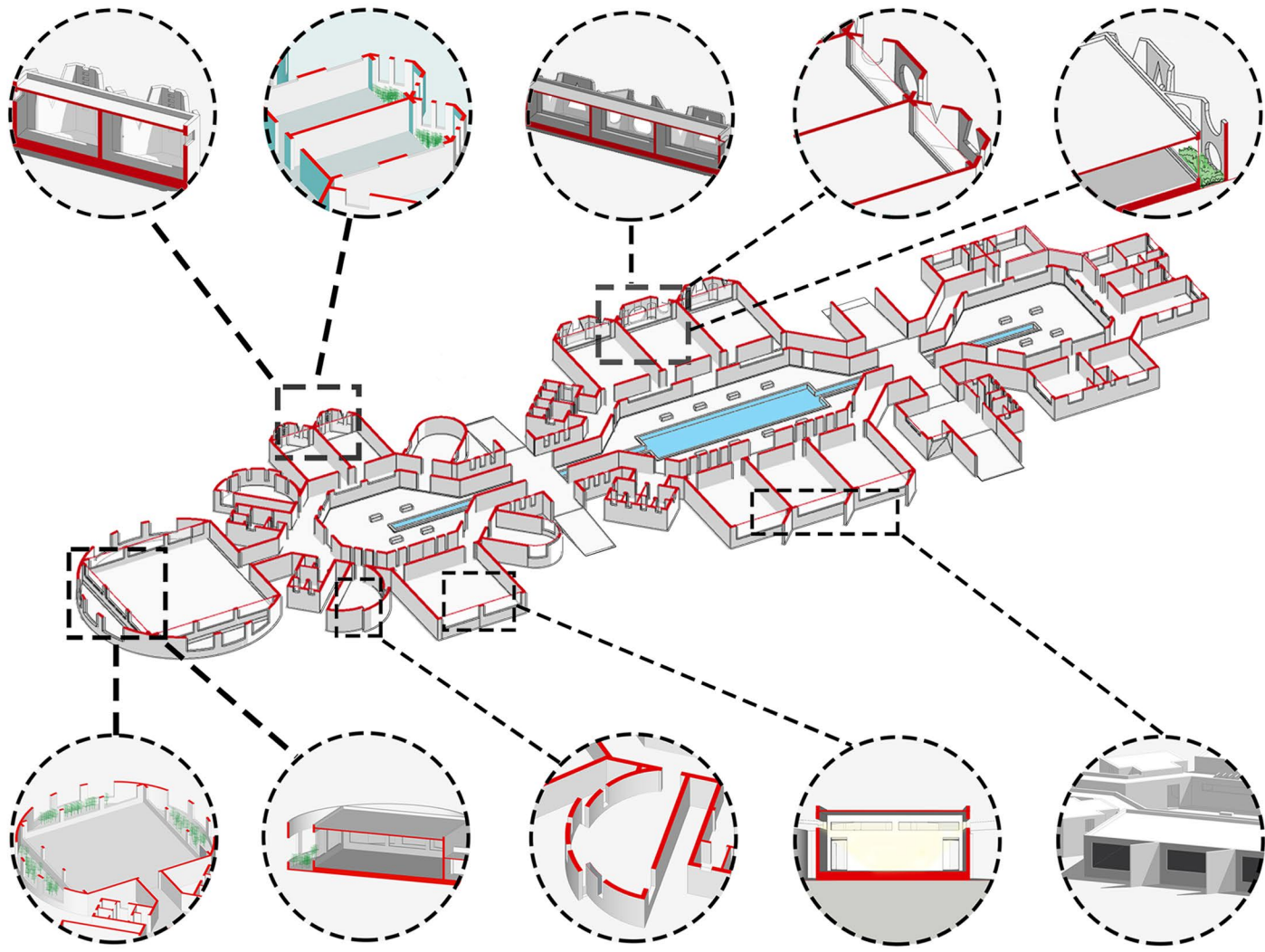
DEBADITYA MAITY | THESIS WORK | 2019



The very word **BLIND** or visually impaired creates a sense of loss. These people lack the visual perception of the world around them but on the other hand there other senses get stronger making them special in a different ways. Every visually impaired person somehow manages to cope with normal society.

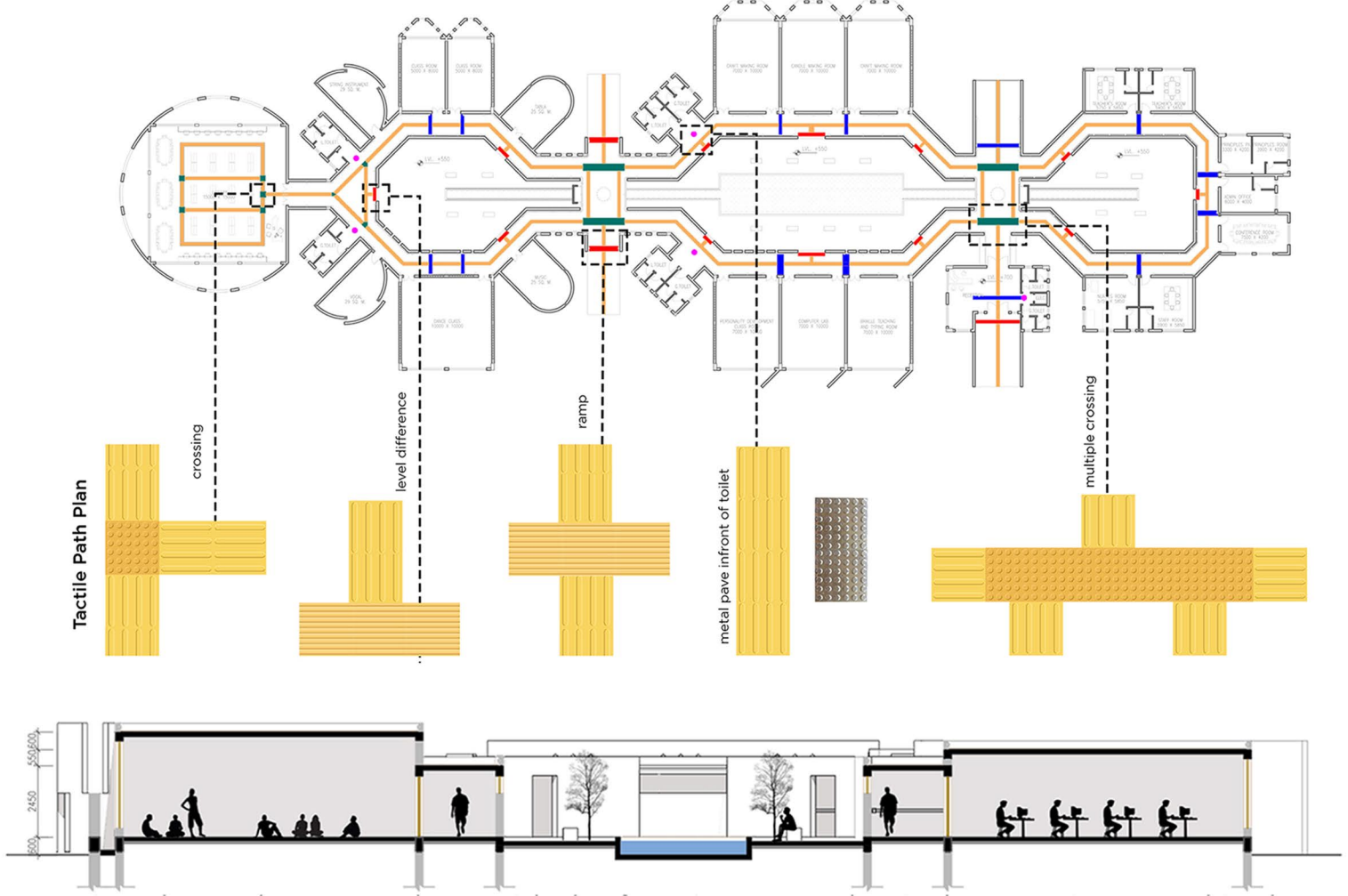
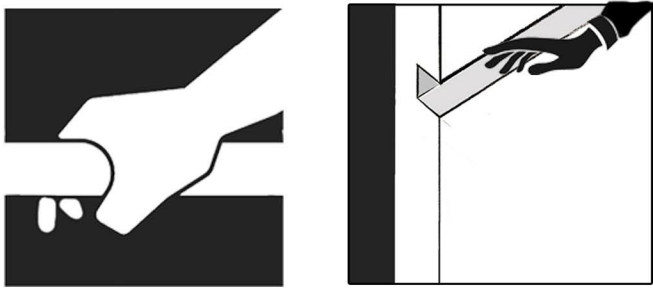
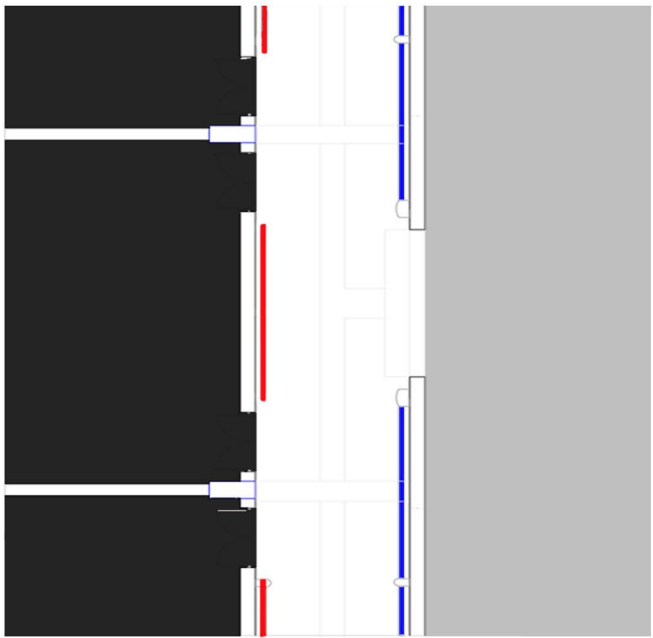
Through the power of architecture, using the qualities of haptic, auditory, olfactory perception, an awareness and clarity in the spaces can be created. So that it can be experienced more by the senses of body. Quality spaces and functions that can help in the upliftment of the passion of a visually challenged persons as well as help him in developing the life skills and guiding the passionate individuals in performing arts.

Project is a centre for performing art and vocational training for the visually impaired individuals. Which can help them in improving their living standards by give them the training of life skills and guiding the passionate individuals in performing arts.



Realisation of spaces, in-sight of a blind

Corridor walls at the side of the rooms are inscribed with braille so that users can get the direction and position of their destinations





SITE AND SITE ANALYSIS

LOCATION :
MAJOR ARTERIAL ROAD(SOUTH-EAST), JATRAGACHHI, DESHBANDHU NAGAR, RAJARHAT, WEST BENGAL 700156. ACTION AREA : IIE, PLOT NO. : IIE/8

NAME OF PLOT HOLDER : HEALTH & FAMILY WELFARE DEPARTMENT.

TOTAL SITE AREA : 5.262 ACRE

SURROUNDING :
NORTH : EXT OF VILLAGE RD(PROPOSED), JATRAGACHHI RD AND VIVEK TIRTHA.
SOUTH : EMPTY LAND, RESIDENTIAL AREA.
EAST : MAJOR ARTERIAL RD(SW), METROLINE, THE WESTIN HOTEL
WEST : EMPTY LAND, MARBLE FACTORY, RESIDENTIAL AREA.

TOPOGRAPHY : FLAT

CLIMATE :
- RAJARHAT HAS A TROPICAL WET-AND-DRY CLIMATE.
- THE HIGHEST RECORDED TEMPERATURE IS 43.9 °C AND THE LOWEST IS 5 °C

WHY KOLKATA?
KOLKATA BEING AN METROPOLITAN CITY, LACKS AN ANIMAL CARE CENTRE WHICH WILL INCLUDE EVERY SORT OF SERVICES, TREATMENTS, SHELTERS IN ONE PLACE.

Site proximity and analysis of activities



Animal Care Centre in Newtown

A care centre for animals providing all the basic facilities
Location : Newtown
Type : Public space

Animal care centre is a centre for animals which provides facilities like rehabilitative, restorative, and/or ongoing skilled nursing care to patients or residents. Animal care centre includes long-term care hospitals, rehabilitation facilities, research labs, shelters, training, cemetery.

This centre can be basically divided into two major parts and they are veterinary healthcare/hospital and animal shelter.

Veterinary healthcare/hospital :
"Veterinary hospital" means any building or portion of a building which is regularly used for the treatment of animals by a veterinary practitioner. The words animal hospital or veterinary hospital essentially are the same. As are animal clinic and veterinary clinic. But the difference is between "hospital" and "clinic". However, the differences between "hospital" and "clinic", as it relates to veterinary practices, is getting less distinct.

Animal shelter :
Animal shelters care for animals needing protection, attempt to find homes for homeless animals, and reunite lost pets with their owners. When necessary, animal shelters give homeless or unadoptable animals a humane death. Today's shelters range from single rooms with multiple cages to state-of-the-art facilities with amenities that may rival some hotels.

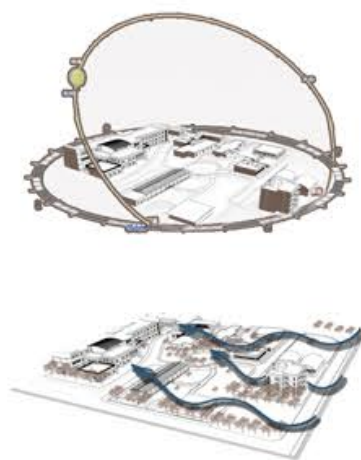
DESIGN STRATEGIES

SITE

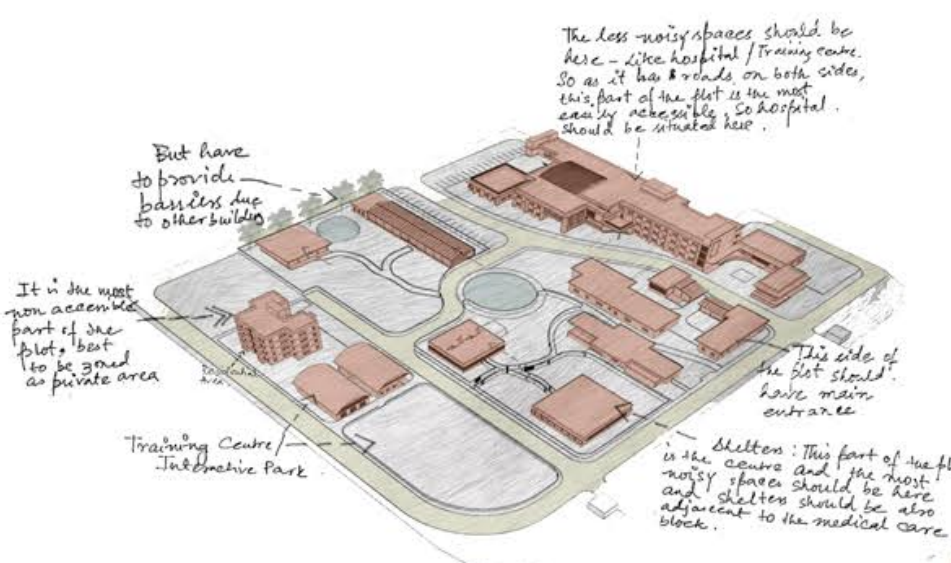
RESPOND TO THE SITE

- BUILDING ORIENTATIONS IS SUCH A WAY THAT IT REDUCE THE GLAZED AREAS IN THE BUILDING FACING THE EAST AND WEST DIRECTIONS AND/OR TO PLACE UNOCCUPIED OR NON AIR CONDITIONED SPACES ON THE EAST AND WEST SIDES OF THE BUILDING, TO SERVE AS BUFFERING OR INSULATING ZONES.

- DESIGNING AND LOCATING PLANTING, FENCES AND OUTBUILDINGS TO FUNNEL BREEZES INTO AND THROUGH THE BUILDING, FILTER STRONGER WINDS AND EXCLUDE ADVERSE HOT OR COLD WINDS.



ZONING



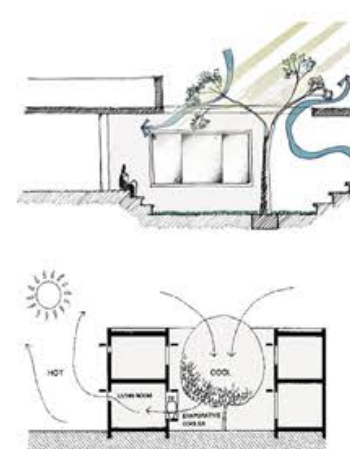
INDIVIDUAL BUILDINGS

HOSPITAL / HEALTHCARE

BUILDING CONCEPT

-COURTYARD CONCEPT
A COURT OR COURTYARD IS AN ENCLOSED AREA, OFTEN A SPACE ENCLOSED BY A BUILDING THAT IS OPEN TO THE SKY.
- AS ONE OF THE MOST PRIMORDIAL FORMS OF ARCHITECTURE, "COURTYARD STYLES" MAY BE RELEVANT FOR ANY TYPE OF BUILDING BE IT.

- FORM FOLLOWS FUNCTION
IT MEANS THE SHAPE OF A BUILDING OR OBJECT SHOULD PRIMARILY RELATE TO ITS INTENDED FUNCTION OR PURPOSE.



CONCEPT

ISSUE + ANALYSIS

LIVABLE AND PRODUCTIVE AREA IN THE MIDDLE OF NATURE

With the presence of such variant buildings, animal care centre is expected to be a care centre for animals that can facilitate the needs of every domestic animal in order to serve the non verbal animals in every aspect. Like us, animals too are entitled to the right to life, liberty, and the pursuit of happiness. As the planet's most vulnerable inhabitants, they deserve our strongest support.



DESIGN STRATEGIES

CONTEXTUAL CONTINUITY

RESPONSE TO THE SITE IS IMPLEMENTED THROUGH THE MASSING OF THE BUILDINGS AND MATERIAL CHOICE FOR THE BUILDINGS THAT NOT CONTRASTED WITH THE SURROUNDINGS.



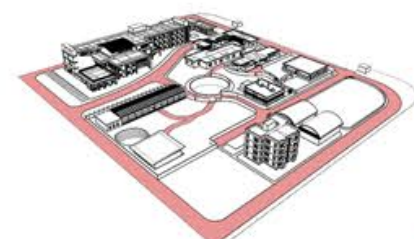
NATURAL SPACE

THE NATURAL POTENTIAL OF LAND AND VEGETATION USED AS ELEMENTS FORMING SUCH A SPACE SO THAT THE SPACE STILL FELT OPEN AND TRANSPARENT TO EACH OTHER.



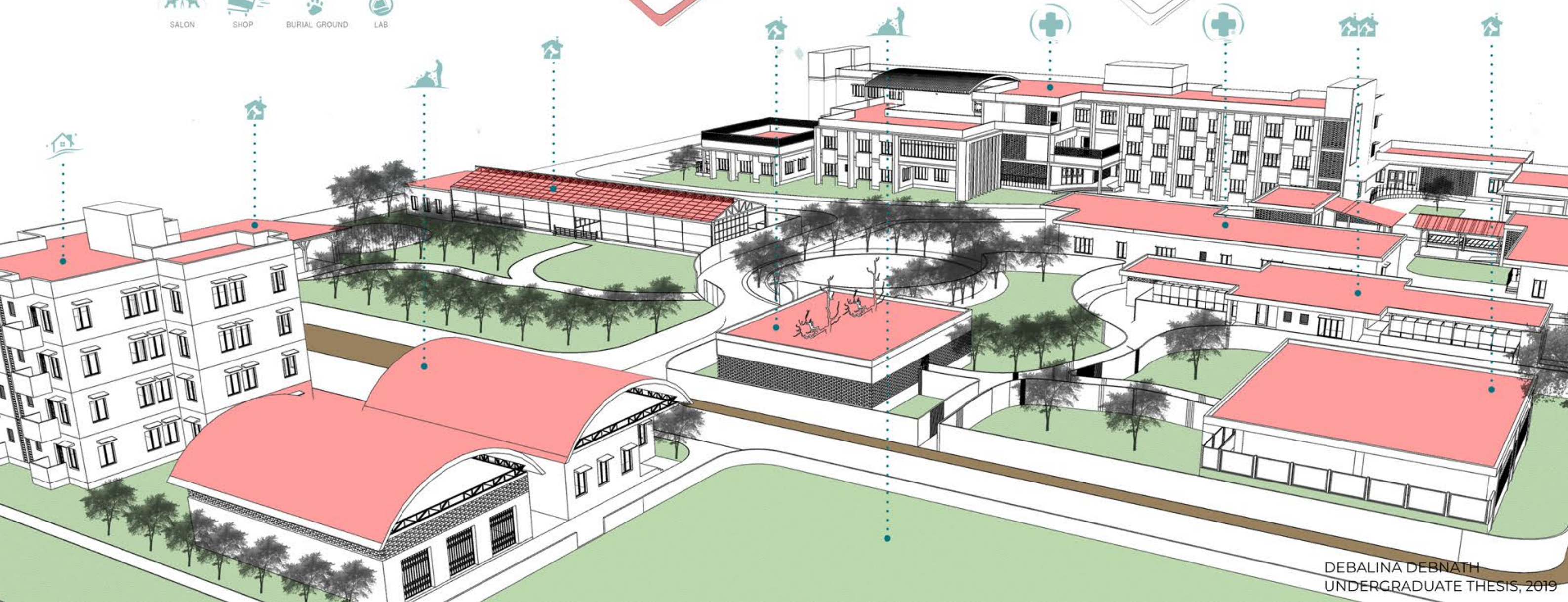
CONTINUOUS CIRCULATION

THE CIRCULATION IS MADE TO BE CONTINUOUS SO THE VISITORS ARE NOT CONFUSED OR DIS-ORIENTED



SYMBIOTIC MUTUALISM

PLACEMENT OF DIFFERENT BUILDINGS WERE ARRANGED TO PROVIDE BENEFITS TO ONE ANOTHER BUT NOT INTERFERING ONE ANOTHER.





THE PATH OF RELIGION

Religion is like a path, and the life is a journey in quest for eternal peace. Some walk along the path, some do not, but, the quest, the search continues...

AFTER LIFE. At the end of our journey of life, there is something. Intangible may be, but, the idea of an "afterlife" is very strong and often keeps us in order with a "religious path."

AVATAR. we believe, are representatives of the Creator. They come to this earth and impart knowledge and religious orders amongst mankind.

THE IDEA OF CREATOR. The entire universe, the galaxies and milkyways in the sky, the constellations make us wonder. "Who created these - the endless expanse of oceans, the woodlands and mountains, the blue sky..." - we keep on wondering. And the concept of an almighty is formed in our minds.

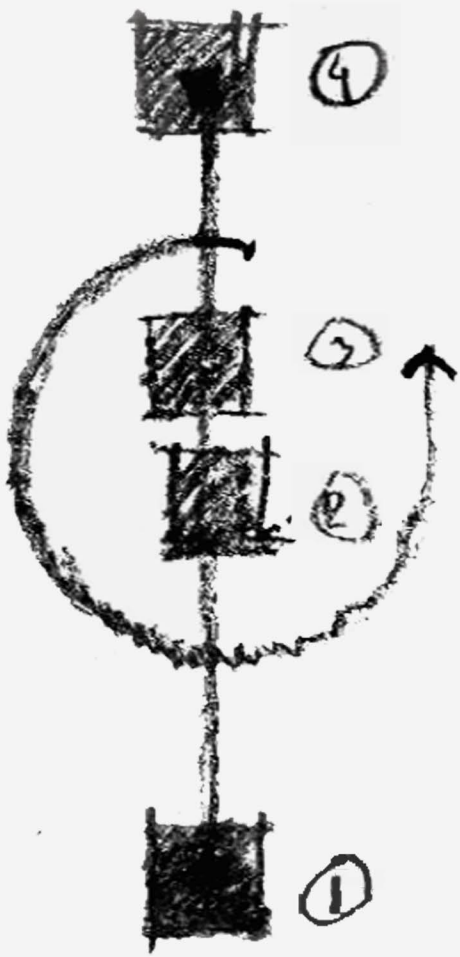
CREATION of human life. Human beings, unlike other living beings, are divided in different religious faiths. On the contrary, other beings are deeply related to all religions.

④ AFTER-LIFE

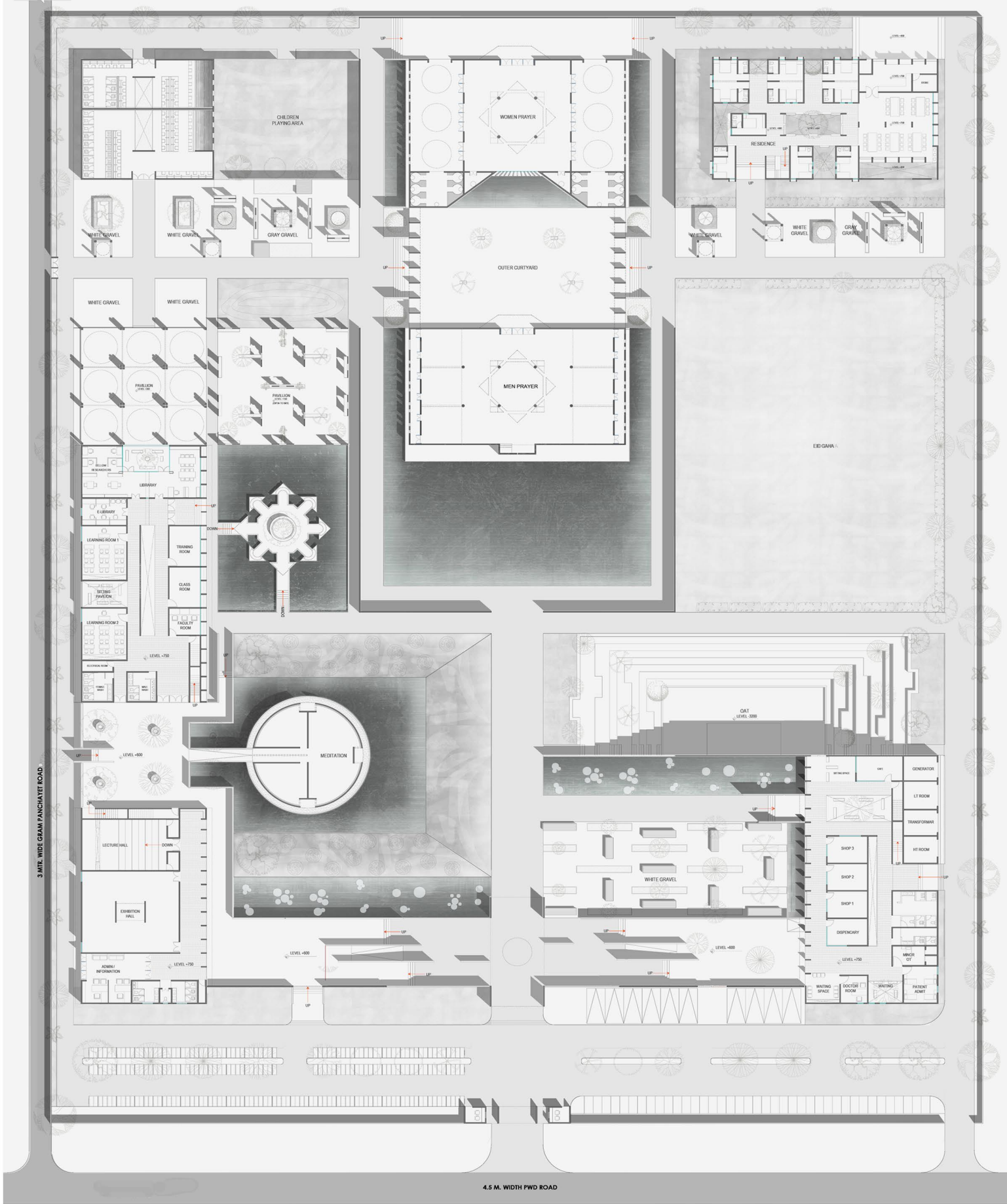
③ AVATAR

② THE IDEA OF GOD

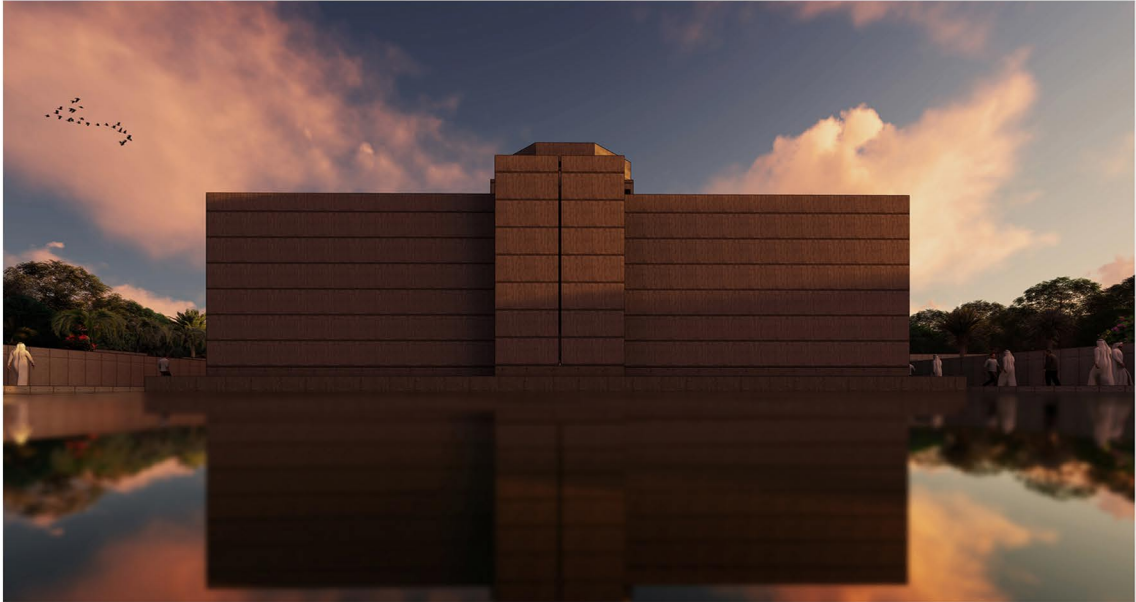
① CREATION



Front elevation



Ground floor plan with site



Human perceptions are reflection on their doing in daily life. The eternal significance along with a religious belief is a basic human reflection. The straight axis has been serenely reduced to the mosque where humanistic beliefs has its end.

Praying hall



The divine light is emphasised equally in the women's prayer hall. Tall and narrow windows pierce the sides of the hall so that light pours down into the mosque signifying the light of God under which the worshippers gather. This effect results in peaceful and homogeneous illumination in the deep inner space.

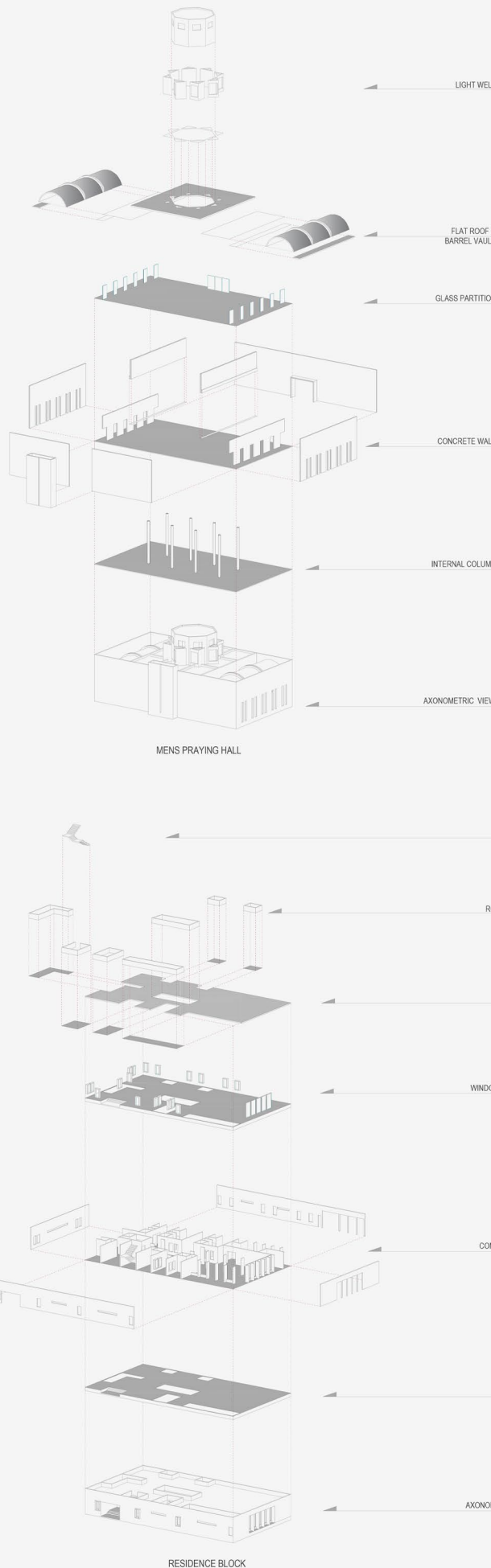
Women praying hall



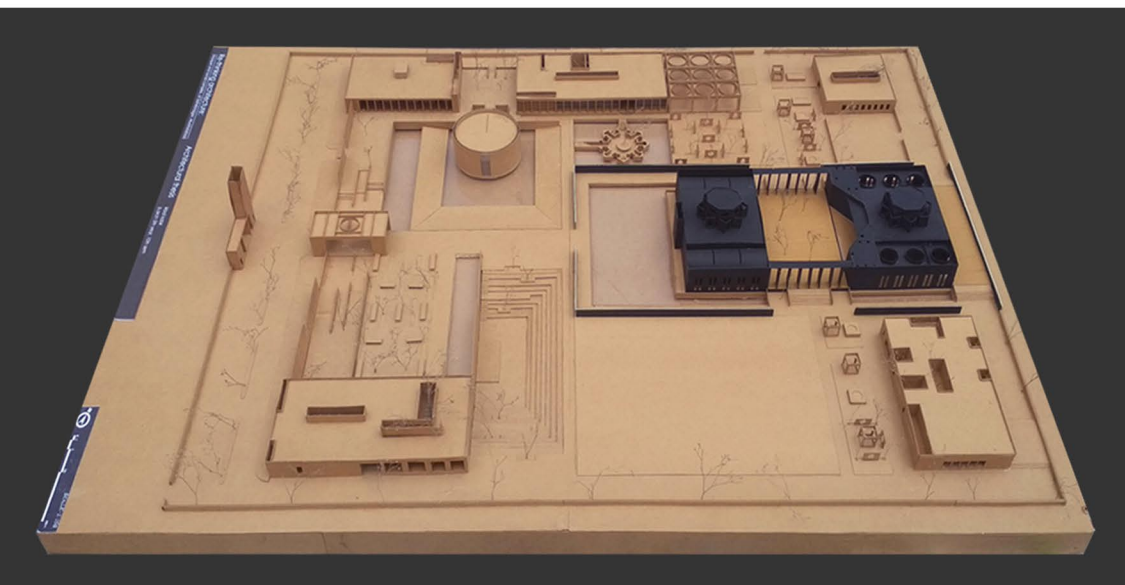
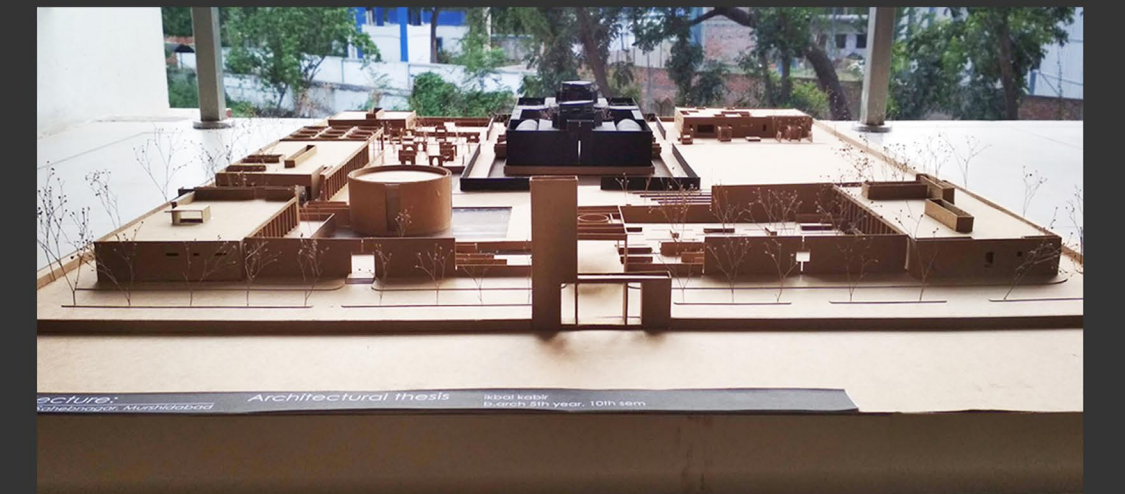
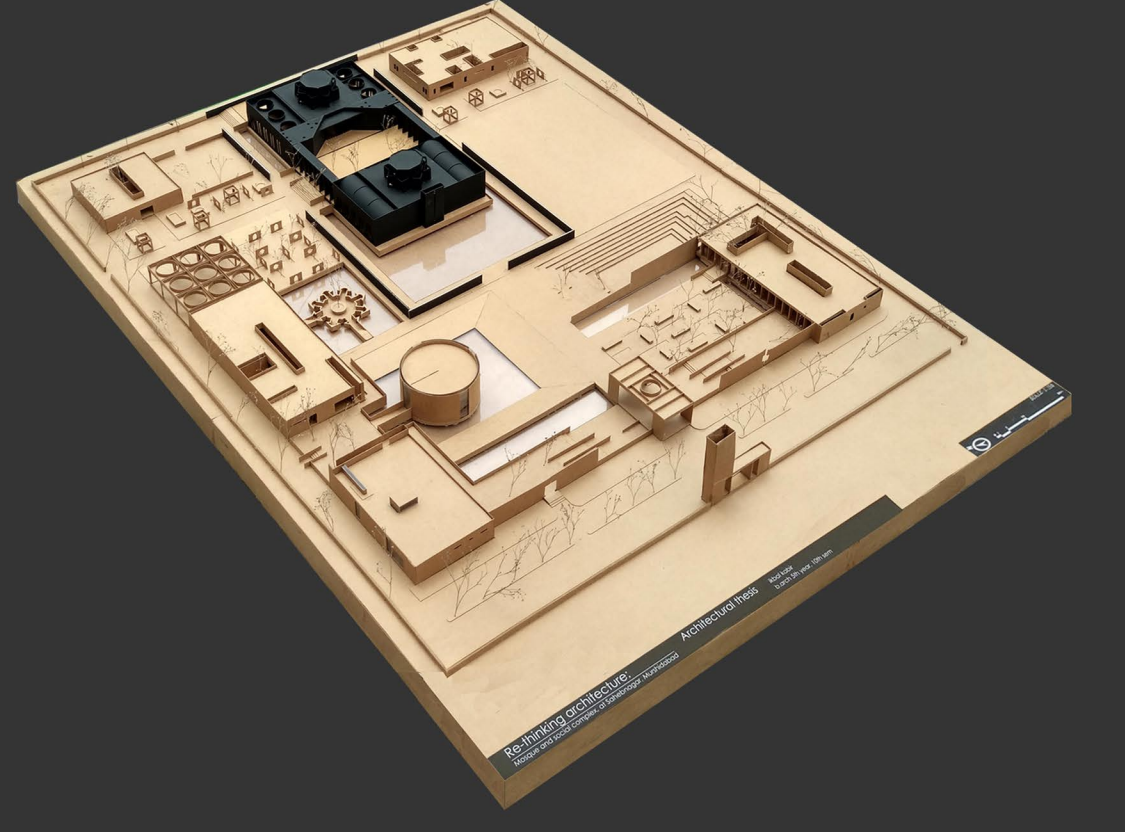
Everything in this world has a gradient to its transition. This design has given a common space as a gradient in between the mosque, a space for prayer for male and female. Also this view shows a type of pavilion for further personal or religious discussion.

Praying hall

Exploded view



Physical model



CREATIVE THERAPY CENTRE FOR DEPRESSION

- ARCHITECTURE AS PSYCHOTHERAPY

healing through architecture / psyche of space

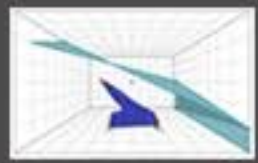
Creative therapy refers to a group of techniques that are expressive and creative in nature. The thesis aims at providing therapy in a space of the self by creating a space in which **absence and emptiness can be thought about** and symbolized, and a **sense of self** can begin to develop.

ganga
site

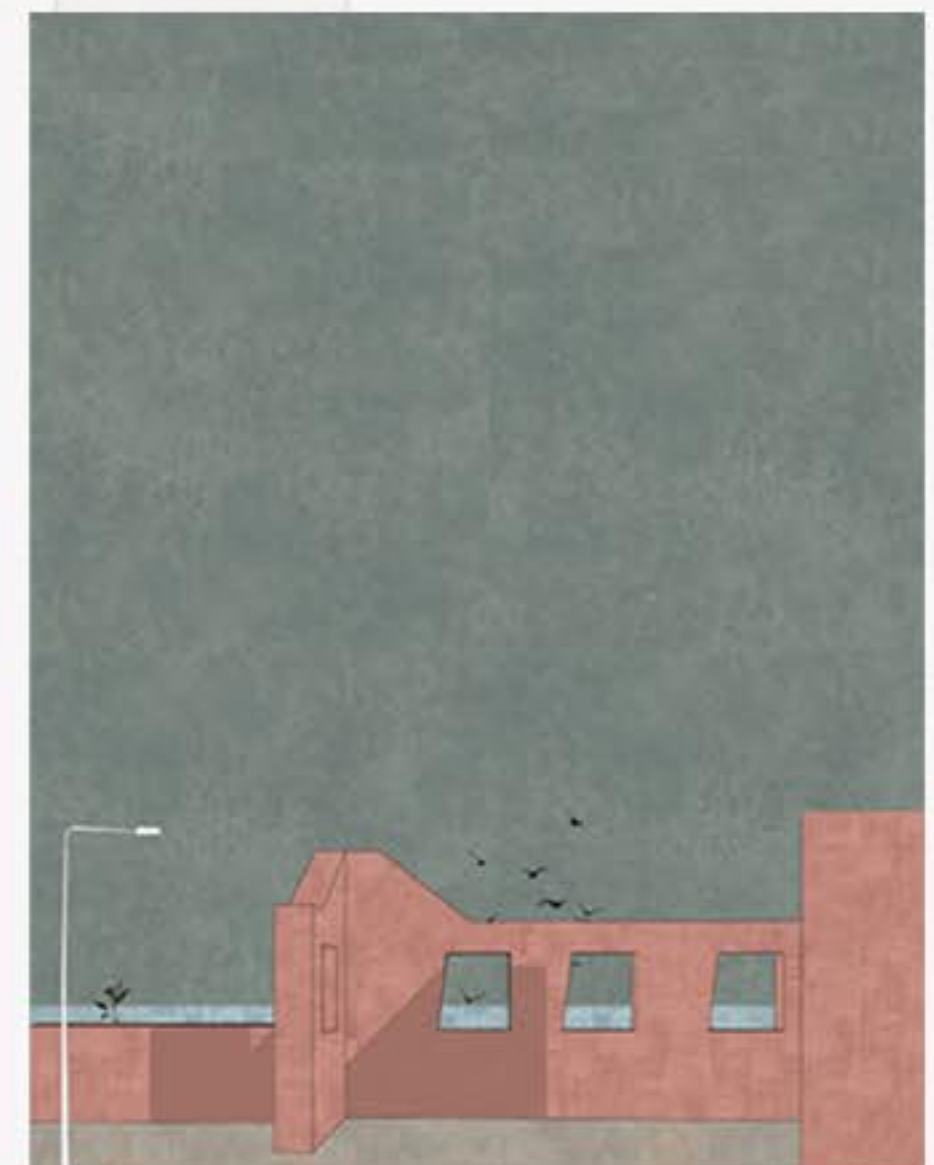


Dance therapy
Art therapy
Music therapy

site selection/
healing of dead spaces



skin and space



SCHOOL OF ARCHITECTURE

SILIGURI

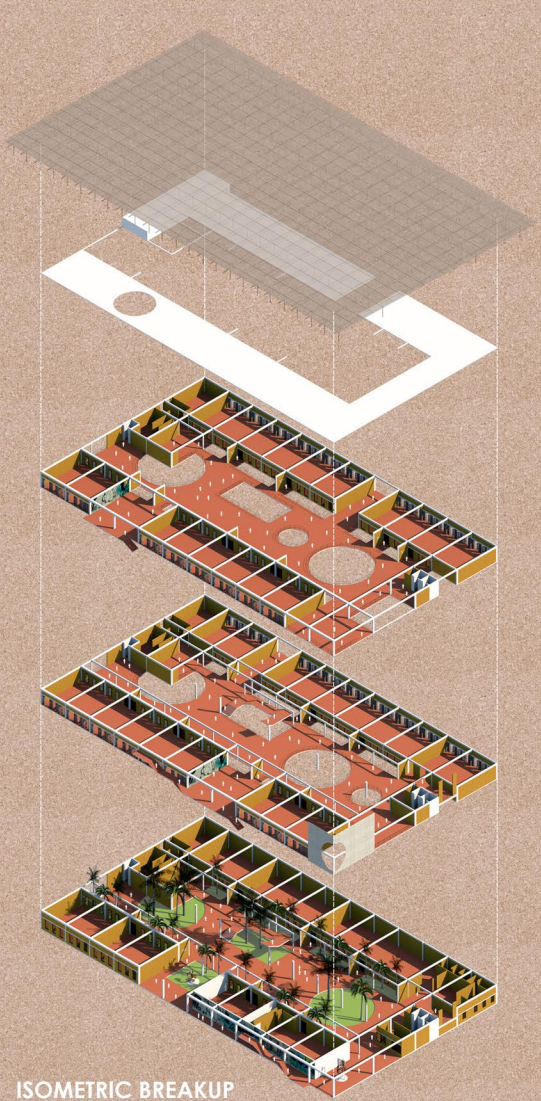
CLASSROOM INTERIOR



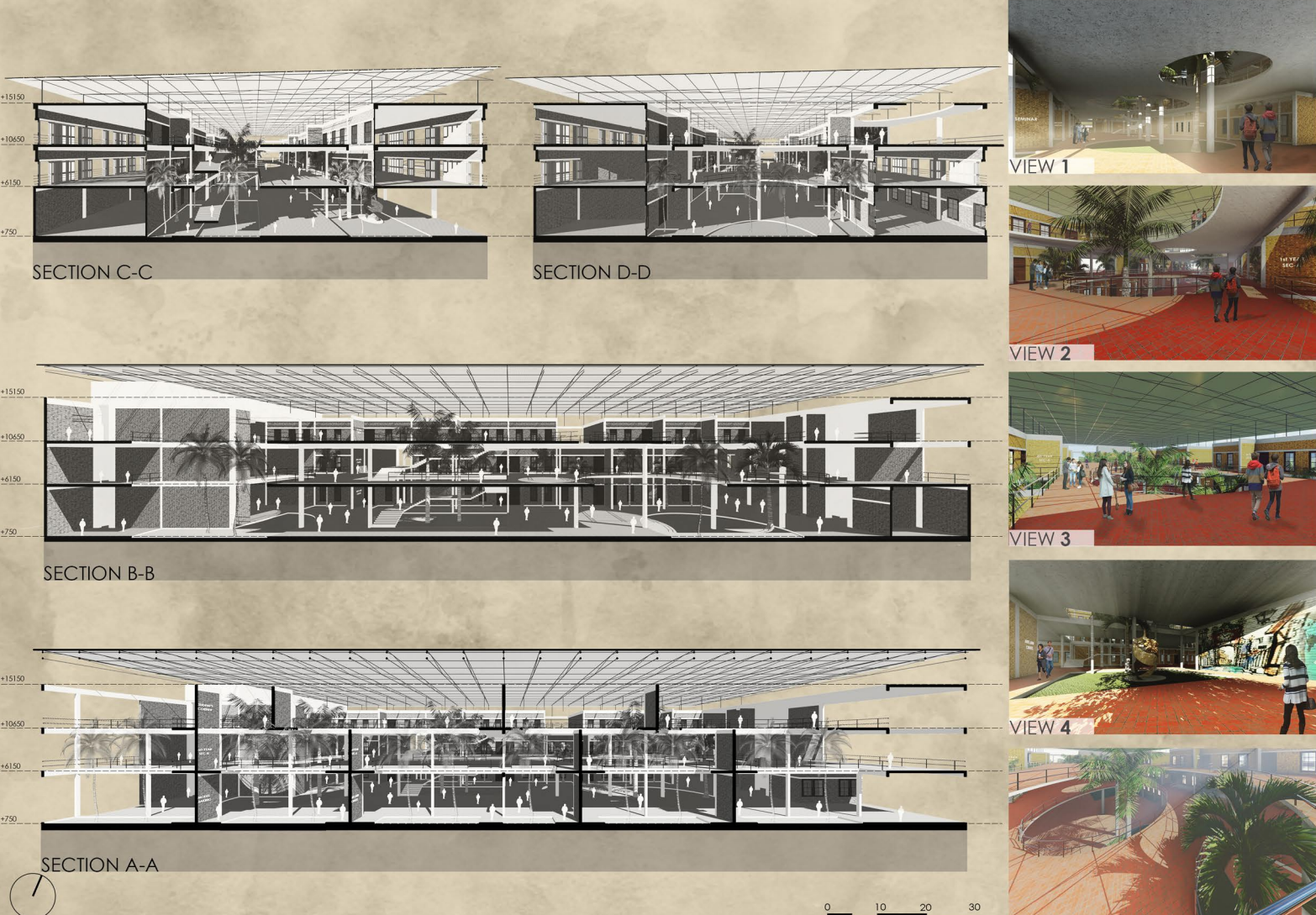
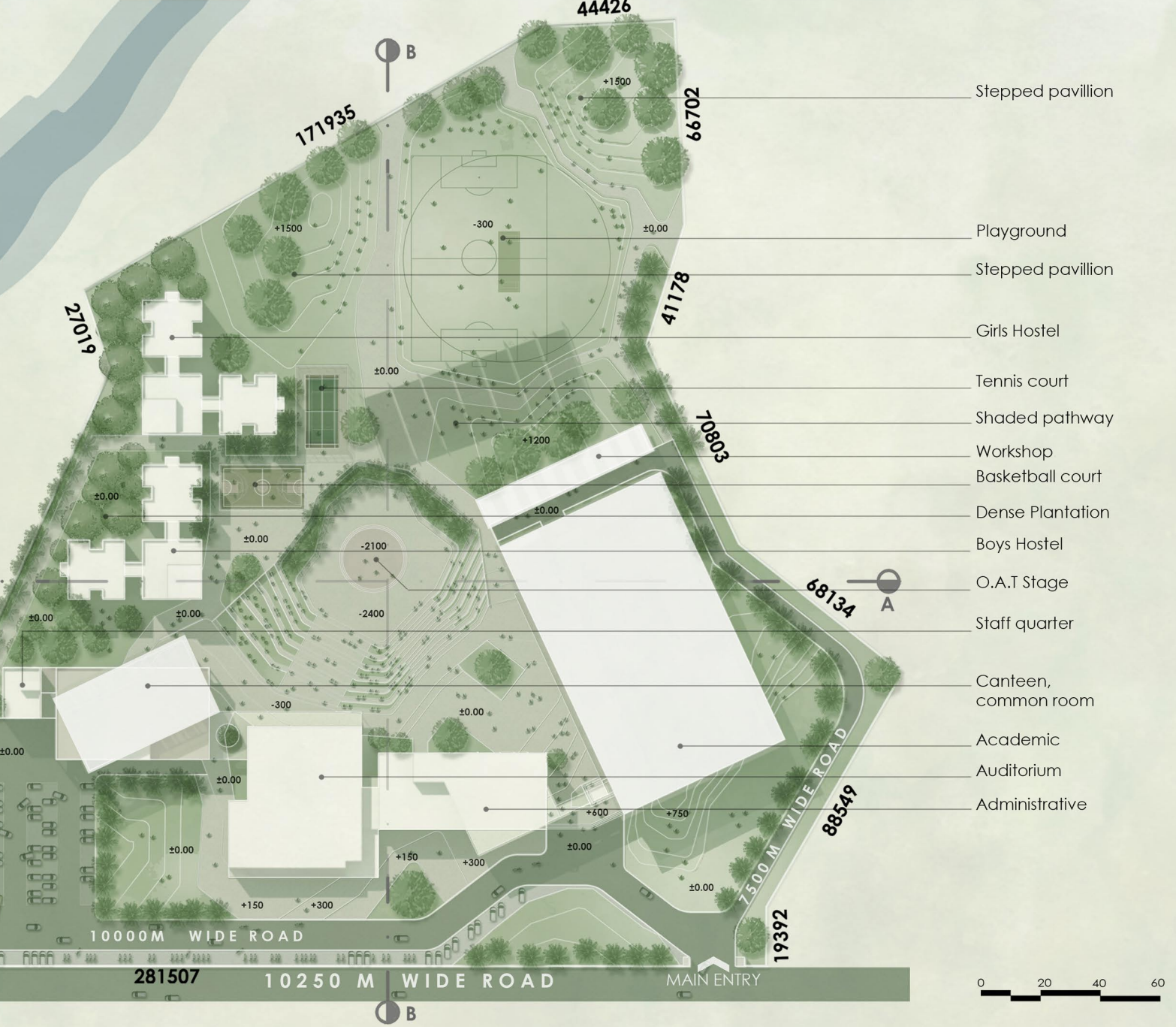
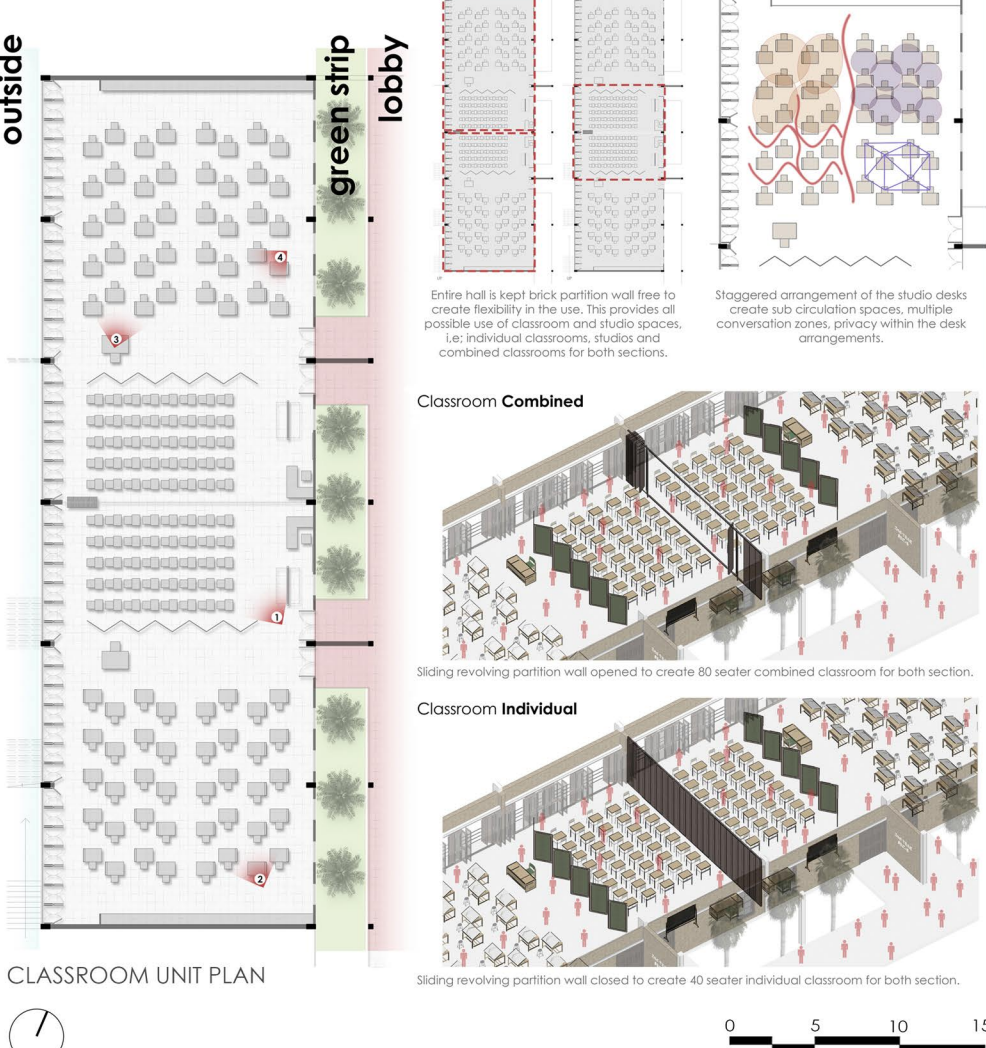
PERSPECTIVE VIEWS



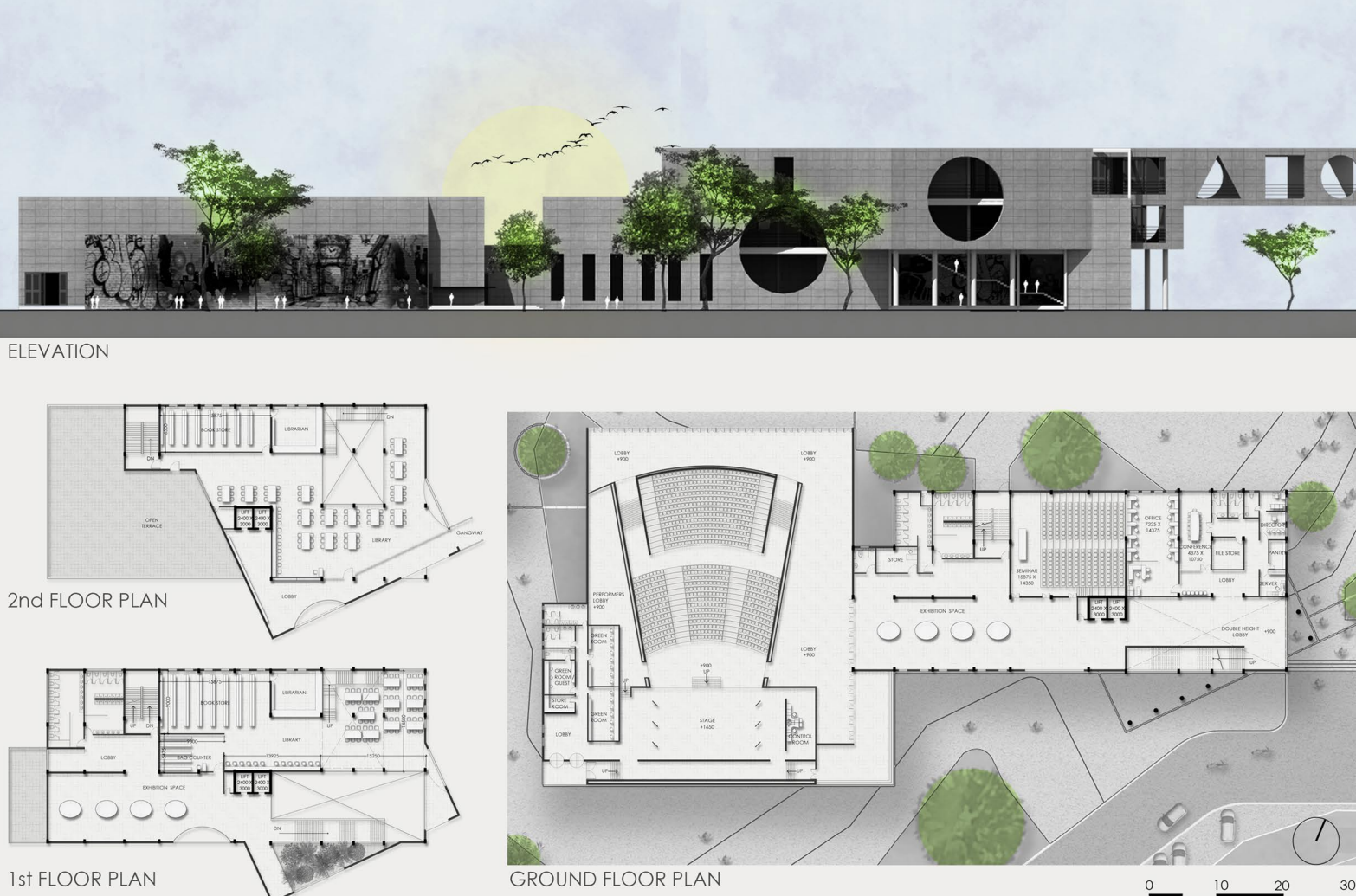
ACADEMIC BLOCK



CLASSROOM



ADMINISTRATIVE BLOCK

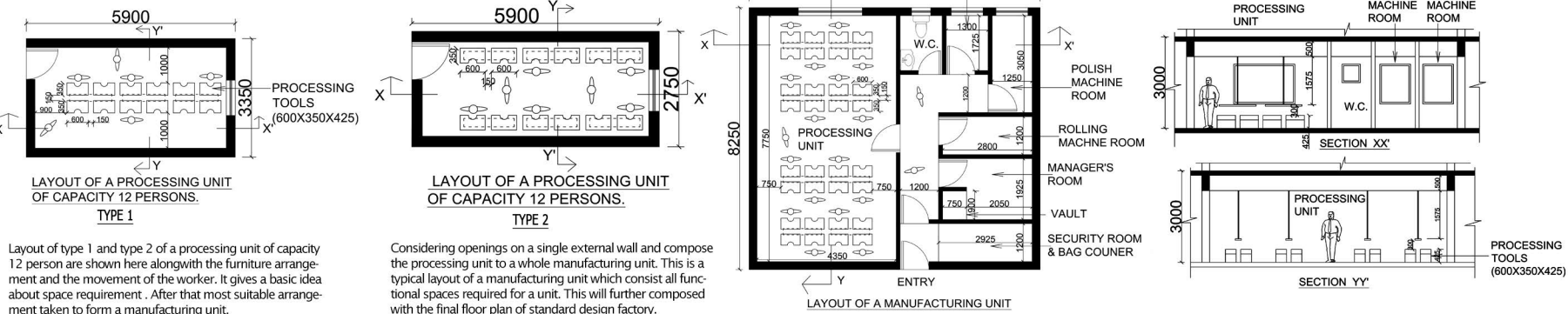


Gems and Jewellery Park

Ankurhati, Howrah, West Bengal



DESIGN PROCESS

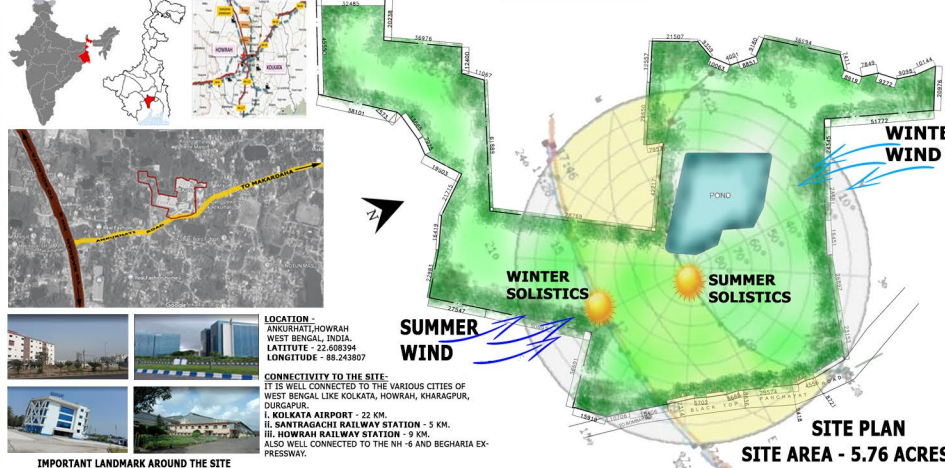
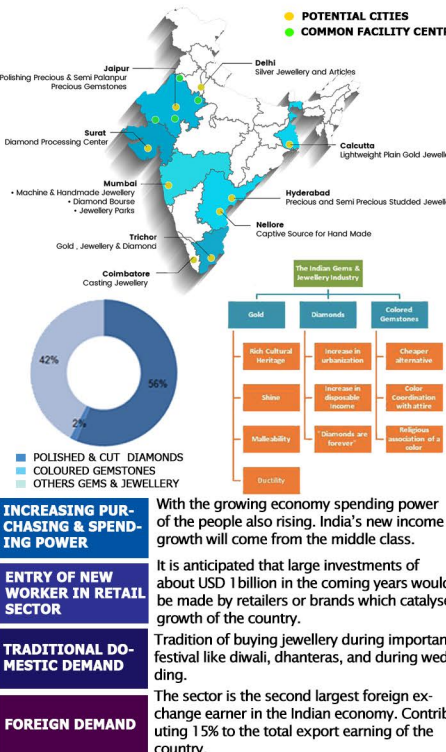


INTRODUCTION

The Gems and Jewellery sector plays a significant role in the Indian economy. It contributes around 7% of the country's GDP and 15% to the India's total merchandise exports. It is one of the fastest growing sectors, and it is extremely export oriented and labour intensive. The Govt. of India has declared the Gem and Jewellery sector as a focus area for export promotion. India is deemed to be the hub of the global Jewellery market because of its low cost and availability of high skilled labour. India is world's largest cutting and polishing center for diamonds.

SCENARIO OF DOMESTIC GEMS & JEWELLERY MARKET IN INDIA

Domestic Gems and Jewellery market in India is predicted to grow at a rate of 13% per annum. India is world's largest cutting and polishing center for diamonds. With an 8% share, India has become world's "Third largest diamond consumer". India is the largest consumer of gold, accounting for nearly 23% of total world gold consumption. Establishing 'Diamond Bourses' to make India an international trading hub. Gold jewellery formed around 80% of the Indian jewellery market. There are more than 3,00,000 Gems and Jewellery worker, with majority being small worker. It provides employment to nearly 2.5 million people with the potential to generate employment of 0.7 to 1.5 million over the five years. Total exports of Gems and Jewellery for the year (2014-15) was around USD 40 BILLION. Cut and polished Diamonds - USD 23.16 BILLION Gold Jewellery - USD 6.24 BILLION Silver Jewellery - USD 2 BILLION



VIEW OF THE SEMI COVERED DINING AREA



VIEW OF THE ENTRANCE GATE

STANDARD DESIGN FACTORY 2

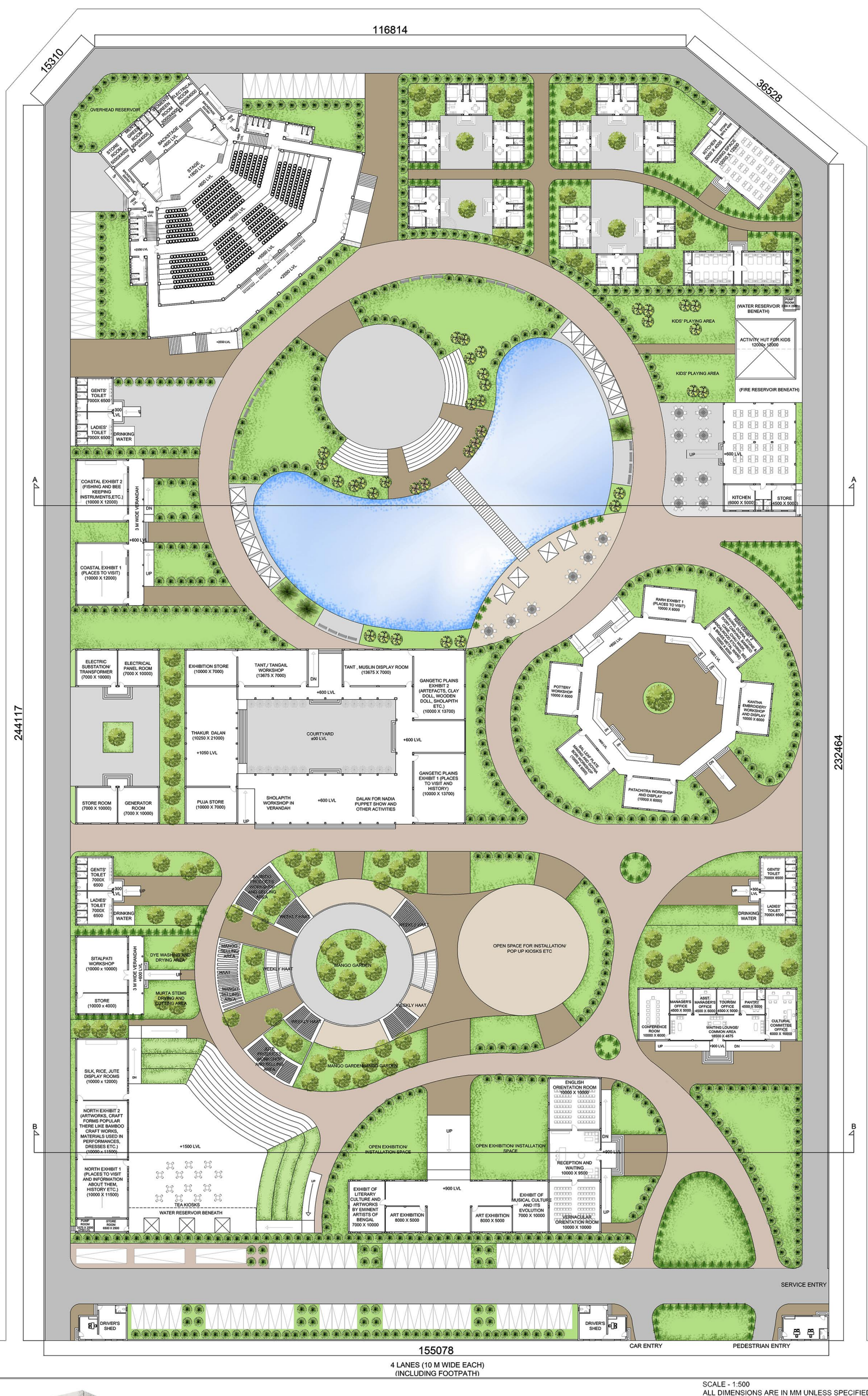


STANDARD DESIGN FACTORY 1

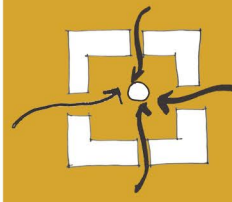


SONSKRITYALOV- A PLACE FOR CULTURE, TOURISM , RECREATION AND PRESERVATION OF BENGALI CULTURAL DIVERSITY

SHREYA DATTA - VTH YEAR ARCHITECTURAL THESIS 2019 ROLL NO. - 27519014032

SITE PLAN:**CONCEPT :**

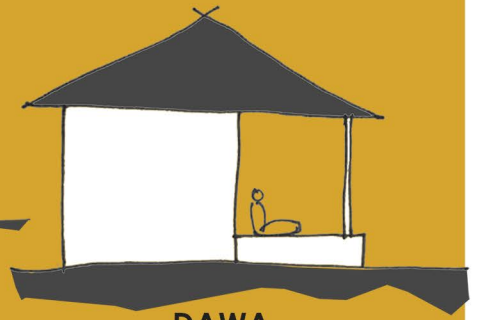
The main concept or idea is to try and create the feel of the four different zones of Bengal- **North bengal, Gangetic Plains, Coastal Area and Rarh region** and **break the ideology that West Bengal only signifies Kolkata**. There are a lot of different types of sit out spaces in Bengali architecture depending on the climate/weather of that particular zone. Those spaces have been used as an inspiration for the project.



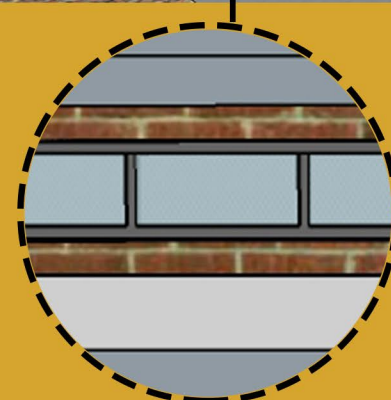
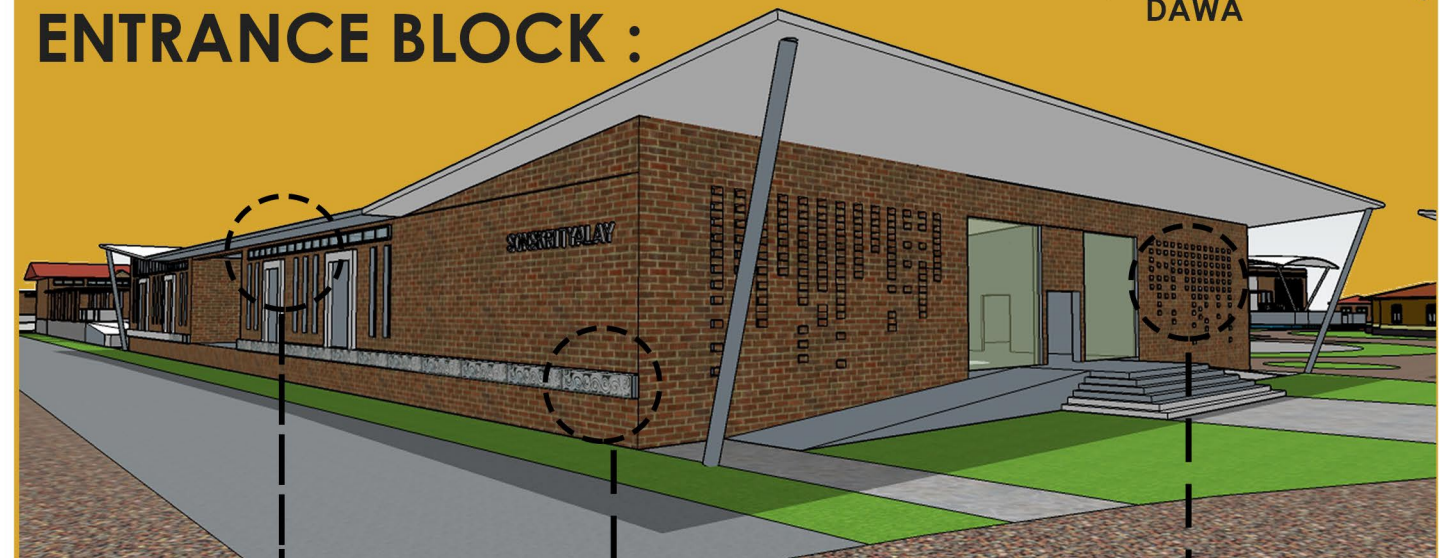
UTHON



JHUL BARANDA



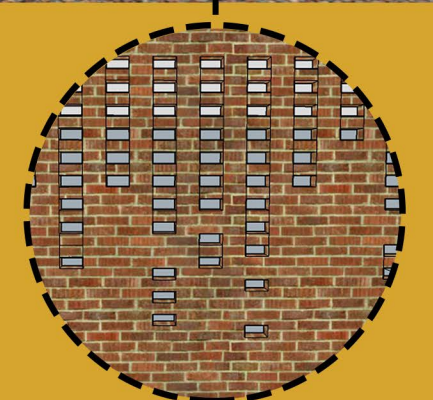
DAWA

ENTRANCE BLOCK :

Clerestory window used in exhibition space for light



Alpona to give an authentic feel



Perforations on the wall in orientation room to let in less amount of light for audio/visual show



View from the exhibition block



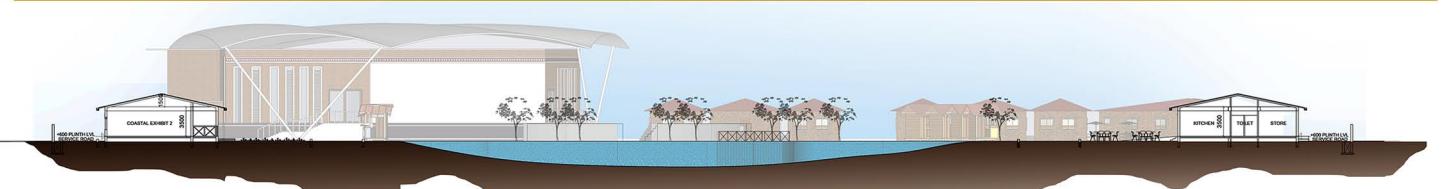
View of the thakur dalan representing gangetic plains



View of the coastal area kiosks



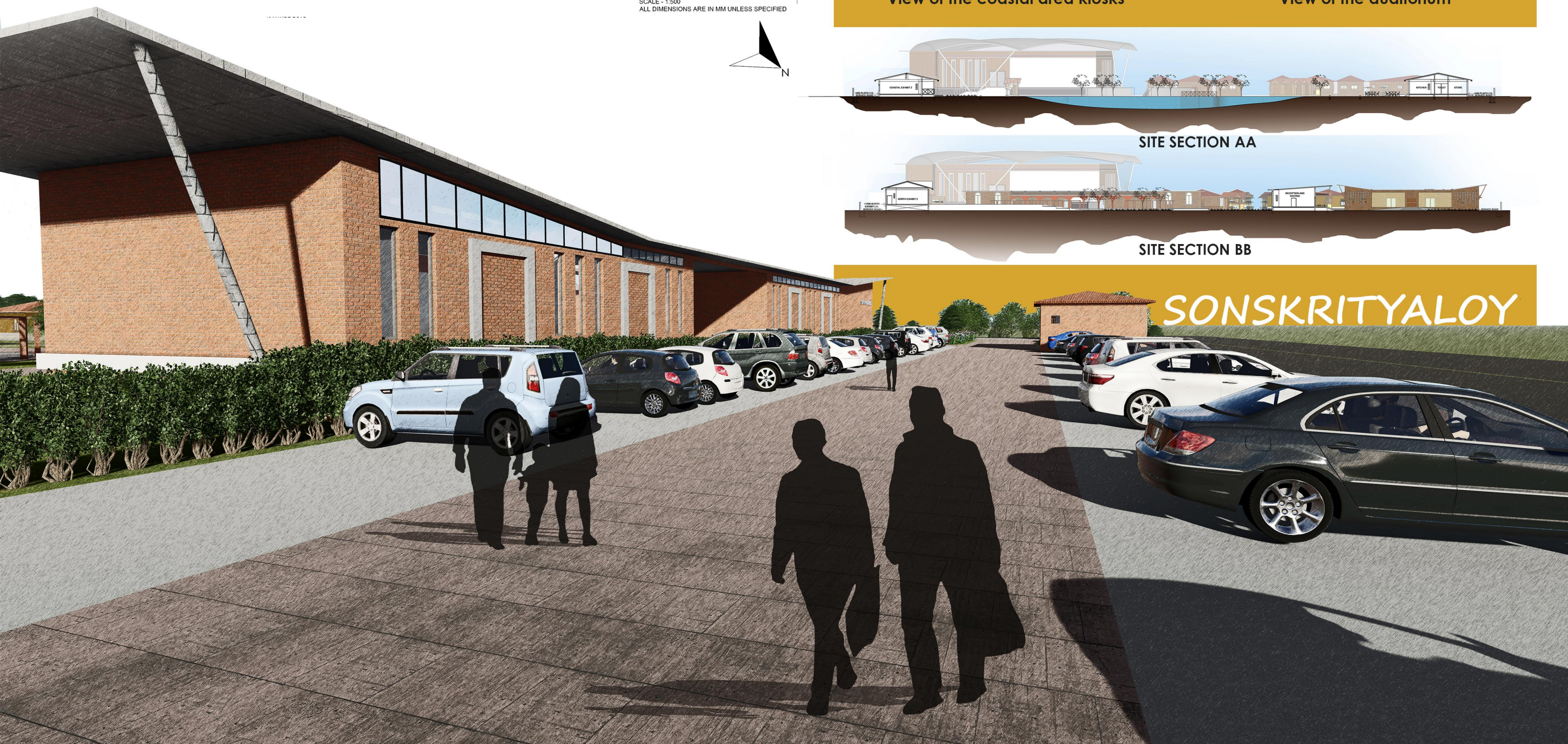
View of the auditorium



SITE SECTION AA



SITE SECTION BB

SONSKRITYALOV

SILK PARK AT MALDA

The **Silk Park Complex**, an Industrial-cum-Commercial hub, is designed to accommodate

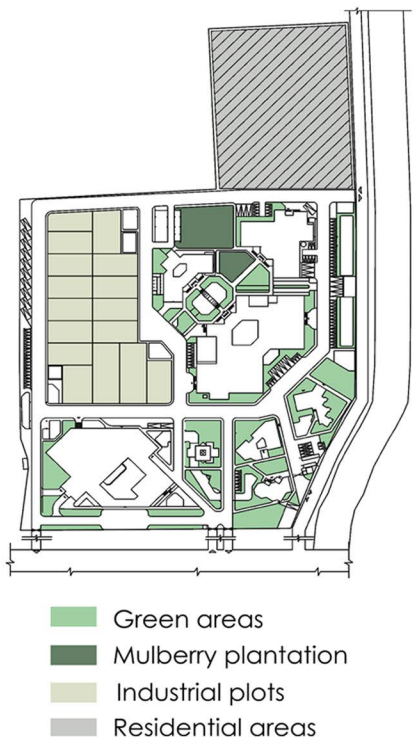
1. Intermixing of old traditional architectural features with modern inputs
2. Application of age-old time tested inward looking courtyard planning to overcome the challenges of natural ventilation, illumination & interaction.
3. Interaction with green space to win over monotony of factory activities.

Site Zoning

Road layouts & parking



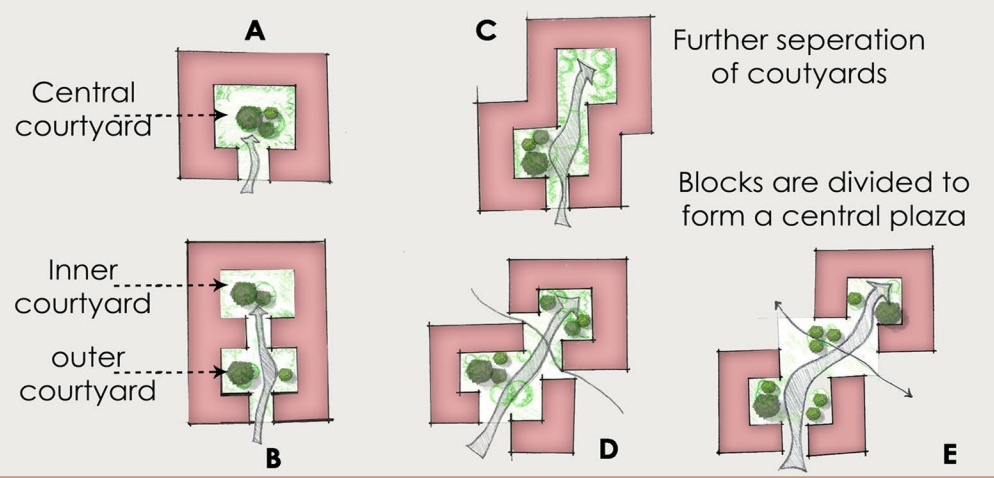
Open Spaces



Built forms, services & infrastructure



Site Development



Ground Floor Plan On Site



Views



Factory Block I



Market Hub



Chimney & Boiler



Factory Block II



Admin Block & Medical Unit



Guest House

Architectural drawings for the Eco-Tourism & Cultural Hub, including ground floor plan, first floor plan, roof plan, and sections AA' and DD'. The drawings show the layout of the building, including the entrance, reception, and various rooms. A site view shows the building's location relative to the lake and surrounding landscape.

GROUND FLOOR PLAN
plan | single cottage
plan | duplex cottage
FIRST FLOOR PLAN
SECTION- DD'
ROOF PLAN
SECTION- AA'
SECTION- CC'
SECTION- BB'

ECO-TOURISM & CULTURAL HUB

Architectural drawings for the Eco-Tourism & Cultural Hub, including a site view, a plan of the meditation area, and a plan of the staff lounge. The drawings show the layout of the building, including the entrance, reception, and various rooms. A site view shows the building's location relative to the lake and surrounding landscape.

site view
meditation area
haat
duplex cottage
ayurvedic center
single cottage
leisure zone
tree house
staff lounge
water body
entrance plaza
view | step garden, hill garden, open air exhibition
view | water body
view | meditation center
watch tower

Site plan for the Eco-Tourism & Cultural Hub, showing the layout of the building, including the entrance, reception, and various rooms. The plan includes a legend for the building components and a scale of 1:250.

EMBANKMENT ROAD
SLOPE SITE ENTRY ROAD
PROPOSED CULTURAL ZONE
PROPOSED ECO-RESORT ZONE
PROPOSED LAKE
SCALE-1:250
SUBHAMAY CHAKRABORTY
UG THESIS, B.ARCH

01 SITE PLAN
ECO-TOURISM

01 ENTRANCE PLAZA
02 ADMINISTRATION
03 ENTRY SOURCE (SECURITY)
04 VISITOR LOUNGE
05 INTERPRETATION CENTER
06 HAAT | FOOD COURT | CRAFTS EMPORIUM
07 TRAVEL EXPOSITION
08 FESTIVAL GROUND
09 BUSINESS CENTER
10 AYURVEDIC CENTER
11 YOGA AREA
12 MEDITATION ZONE
13 ECO-RESORT RECEPTION
14 SINGLE COTTAGE
15 DUPLEX COTTAGE
16 PREMIUM COTTAGE
17 LEISURE ZONE
18 STAFF LOUNGE & DINING
19 DRIVER DORMITORY
20 TEA GARDEN
21 ORGANIC FARM
22 SERVICES | STP | PUMP ROOM | WASTE MANAGEMENT (ELEC. ROOM) | SUB STATION | BATTERY DOCK | TANK
23 PARKING
24 SERVICE ENTRY
25 VIEW TOWER (WATCH TOWER) | CAFE
26 STEP GARDEN | HILL GARDEN
27 GARDEN | DECK | STEP PATHWAY
28 TREE HOUSE
29 WATER BODY
30 OPEN EXHIBITIONS AREA

Architectural drawings for the Eco-Tourism & Cultural Hub, including a figure-ground map, a built-form analysis, and a circulation map. The drawings show the layout of the building, including the entrance, reception, and various rooms. A site view shows the building's location relative to the lake and surrounding landscape.

INTENT: To design the tourism and cultural hub and a innovative structure which will be the landmark of the site.
LOCATION: Gajoldoba, Jungle Mohal, Mainaguri, Teesta Jalpaiguri, West Bengal, 734004
SITE AREA: 6 ACRES
INTRODUCTION: This thesis that I have chosen is "BHOKER ALO ECOTOURISM & CULTURAL HUB" of Gajoldoba, Jungle Mohal, Teesta, Jalpaiguri, West Bengal. It is a government proposed project rich to be built beside Teesta Barrage & Bakunthapur Forest Wildlife Sanctuary with a famous Tourist Spot "GAJOLDABA VIEW POINT". An other aim of the project is to promote the local culture of the North Bengal. The proposed "BHOKER ALO ECO-TOURISM & CULTURAL HUB" is located beside the Teesta river. The Govt. of west bengal recognises tourism to be amongst the key growth engines for economic development and employment generation. Development of Eco-tourism of Teesta is one such priority project which has been identified by dept. of tourism. Govt. of west bengal for priority implementation. The dept. of tourism, gov. of west bengal proposes to develop a tourism park on its land of around 200 acres situated adjacent to the Teesta barrage. The site is suitable for tourism & is surrounded by the Teesta barrage, Teesta canal & the Bakunthapur forest & is rich in natural beauty & splendor. The dept. of tourism has already taken up steps for development of supporting infrastructure for the proposed initiative.

figure-ground map | relationship between built mass and unbuilt land
built-form analysis | orientation of built form with respect to green scape & waterbodies
circulation map | showing movement pattern along pathways.
vehicular | pedestrian
SECTION - BB'
SECTION - AA'

01. DESIGN CONCEPT

Architectural drawings for the Eco-Tourism & Cultural Hub, including a section view, a plan view, and a ground floor plan. The drawings show the layout of the building, including the entrance, reception, and various rooms. A site view shows the building's location relative to the lake and surrounding landscape.

SECTION- NN'
elevation
plan | watch tower, coffee house
GROUND FLOOR PLAN
SCALE - 1: 100

12 ECO-TOURISM & CULTURAL HUB

Architectural drawings for the Eco-Tourism & Cultural Hub, including a section view, a plan view, and a ground floor plan. The drawings show the layout of the building, including the entrance, reception, and various rooms. A site view shows the building's location relative to the lake and surrounding landscape.

SECTION- OO'
SECTION- PP'
elevation
viewing from haat, food court
plan | staff lounge
GROUND FLOOR PLAN
FIRST FLOOR PLAN
SCALE - 1: 100

10 ECO-TOURISM & CULTURAL HUB

Architectural drawings for the Eco-Tourism & Cultural Hub, including a section view, a plan view, and a ground floor plan. The drawings show the layout of the building, including the entrance, reception, and various rooms. A site view shows the building's location relative to the lake and surrounding landscape.

SECTION- QQ'
SECTION- RR'
elevation
VIEW POINT
FIRST FLOOR PLAN
SECOND FLOOR PLAN
THIRD FLOOR PLAN
SCALE - 1: 100

13 ECO-TOURISM & CULTURAL HUB
UG THESIS, SUBHAMAY CHAKRABORTY, 5TH YEAR