

# Portfolio

Zerin Tasnim Promee



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### Academic Projects

- Development of Canal Fronts by Creating Public Realms in Dinajpur
- Design of a Four Star Hotel.
- Design of a Specialized Hospital : Phychiatric Center.
- Mumbai Mixed Housing , Worli Koliwada.
- Reimaging Rajshahi : Ecological Urbanism.
- Design of a Skyscraper.
- Design of an Elementary School.
- Design of Vice Chancellors' Residence, RUET.
- Design of a Place for Contemplation

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- Landscape Design for RUET
- Interioir Design
- MultiComfort House Students Contest Competition 2017

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### Other Works

- Photography .
- Travel Experieces .





## I'm Zerin Tasnim Promee

A fresh graduate architect , An enthusiast and efficient individual whose thorough and precise approach of work has yeilded appreciations.

A high ambitious designer with high hopes of improving urban and environmental issues through design .

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Dhaka, Bangladesh  
A7,Agrani Apartments,  
128 Boromoghbazar, Dhaka

### Fields of Interest



Urban Development



Community Involvancne



Culture and History



Ecological Urbanism



Sustainable Design



Water Urbanism

### Education

#### Profile

Name : Zerin Tasnim Promee  
Date of Birth : 30 August, 1996  
Nationality : Bangladeshi  
Religion : Islam  
Marital Status : Single  
Father: Mohammad Ziaul Haque  
Mother: Farhana Yeasmin  
Permanent Address :  
Sangeet College  
Road,Nimtola,

Secondary School Certificate  
School : Dinajpur Govt. Girls' High School .  
Graduation Year : 2011  
Result : G.P.A 5 (In all Subjects ).

Higher Secondary School Certificate  
College : Dinajpur Govt. College  
Graduation Year : 2013  
Result : G.P.A 5 (In all Subjects ).

Bachelor of Architecture  
Rajshahi University of Engineering & Technology  
Result : C.G.P.A. 3.59 out of 4.00

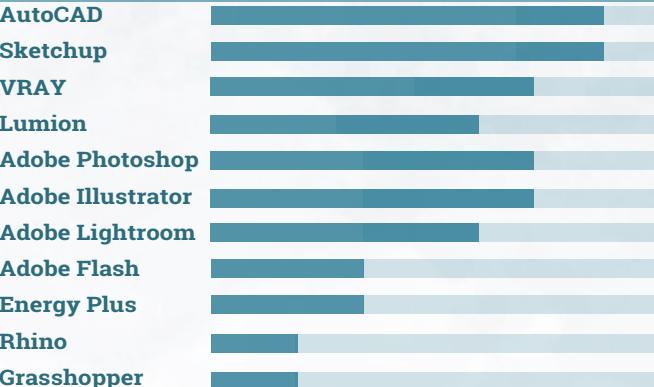
#### Experience

Architectural Intern  
Bashirul Haq & Associates Ltd.  
Indira Road,Dhaka .  
Served Hours : 300 hours .

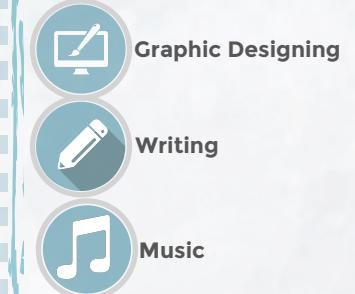
Workshop  
Biomimetic Design Studio  
Organizer : Oneistox  
Venue : Dayananda Sagar College of Architecture Bangalore,India.  
Mentor : Ar. Aman Jain , Senior Architect, Morphogenesis, India

3rd Prize, Online Stage  
MultiComfort House Students Contest Competition 2017  
Proposed Shimla Park, Rajshahi.  
( Rajshahi City Corporation approved for implementation in 3.01.2018 )

### Software Skills :



### Other Skills & Interests



### Academic Projects

- Design of a Four Star Hotel.
- Design of a Specialized Hospital : Phychiatric Center.
- Mumbai Mixed Housing , Worli Koliwada.
- Reimaging Rajshahi : Ecological Urbanism.
- Design of a Skyscraper.
- Design of a Nature Interpretation Center.
- Design of a Historical Museum.
- Design of an Elementary School.
- Design of Vice Chancellors' Residence, RUET.
- Design of a Place for Contemplation

### Competition and Other Projects

- Interior Design.
- Landscape Design for RUET
- MultiComfort House Students Contest Competition 2017
- DHAKA ART SUMMIT 2018 EDUCATION PAVILION

### Thesis Project

#### Development of Canal Fronts by Creating Public Realms in Dinajpur

"My thesis project is based on my personal experience living in my hometown Dinajpur. The canals flowing through the town were the part of it's historical, environmental and infrastructural significance.

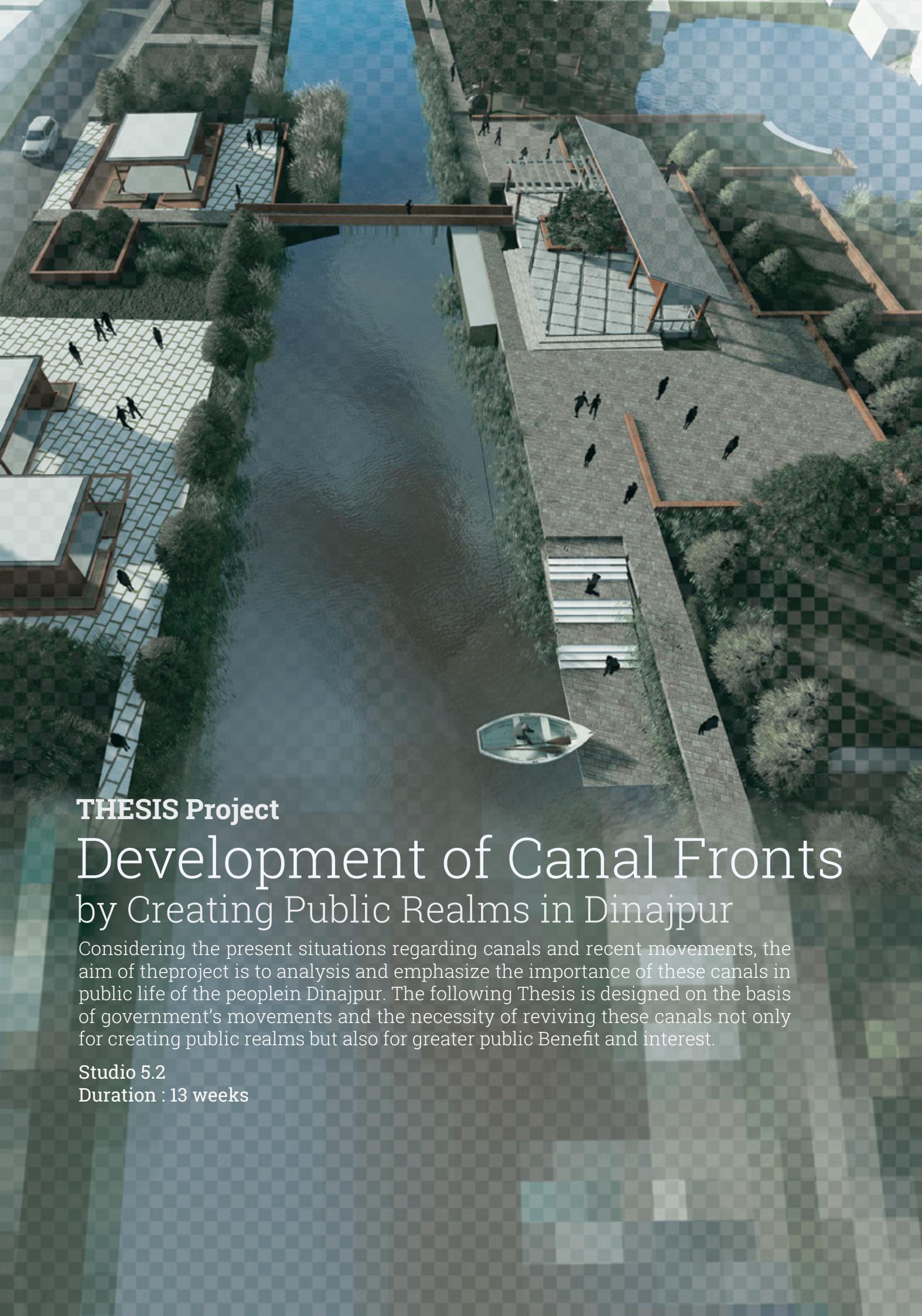
The aim of this project was to save and revive those canals by creating a sense of belonging."

## THESIS Project

# Development of Canal Fronts by Creating Public Realms in Dinajpur

Considering the present situations regarding canals and recent movements, the aim of the project is to analyze and emphasize the importance of these canals in public life of the people in Dinajpur. The following Thesis is designed on the basis of government's movements and the necessity of reviving these canals not only for creating public realms but also for greater public Benefit and interest.

Studio 5.2  
Duration : 13 weeks

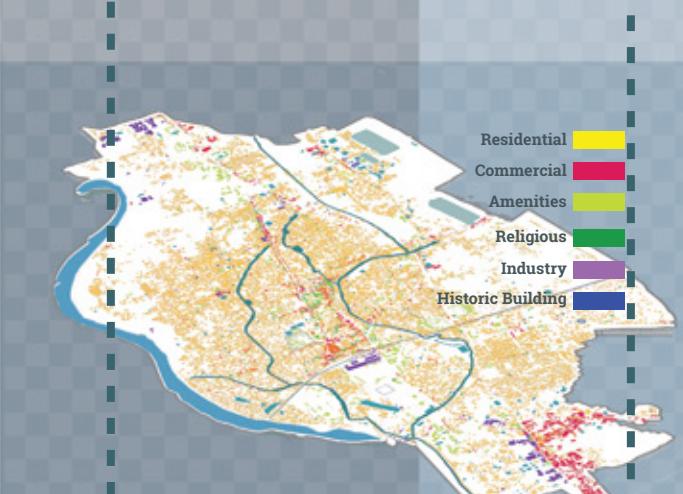


## Canals of Dinajpur :

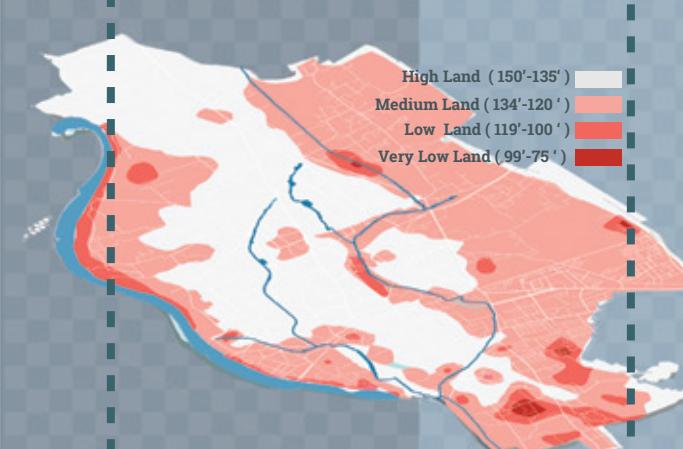
Dinajpur has two major Canals, The Ghagra Canal and the Girija Canal, which have been used for town's water management and internal transportation since Colonial Period. These Canals are now using as drainage channel.



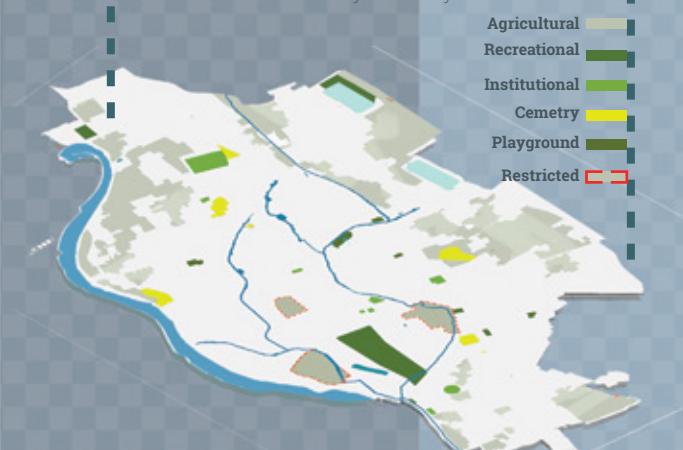
## Canal Condition Analysis



Dinajpur was in non flood risked zone. But in last few years, the municipality area have been under flood for specific reasons.



The canals flow through the major parts of the town and people have to cross the or pass beside it for their daily activity.





## Canal Related Issues



### Waste Dumping

About 15km of the two major canals in Dinajpur have been used for dumping waste.

This situation is filling up the canal bed and polluting the environment.



### Land Grabbing

Most of the part of the canals have been fell into victim of illegal and grabbing.

The 60-80 ft depth of the canal have been reduced to 10-15 ft in many places.



### Floods

The water level of canal have been over flowed it's bank more than 8.2 % in last 7 years.



### Public Health

Due to Canal's present situation various diseases have been spread-out in huge ratio.



### Water Pollution

Throwing waste into the Canal is causing water pollution and making a threat to the life in water.



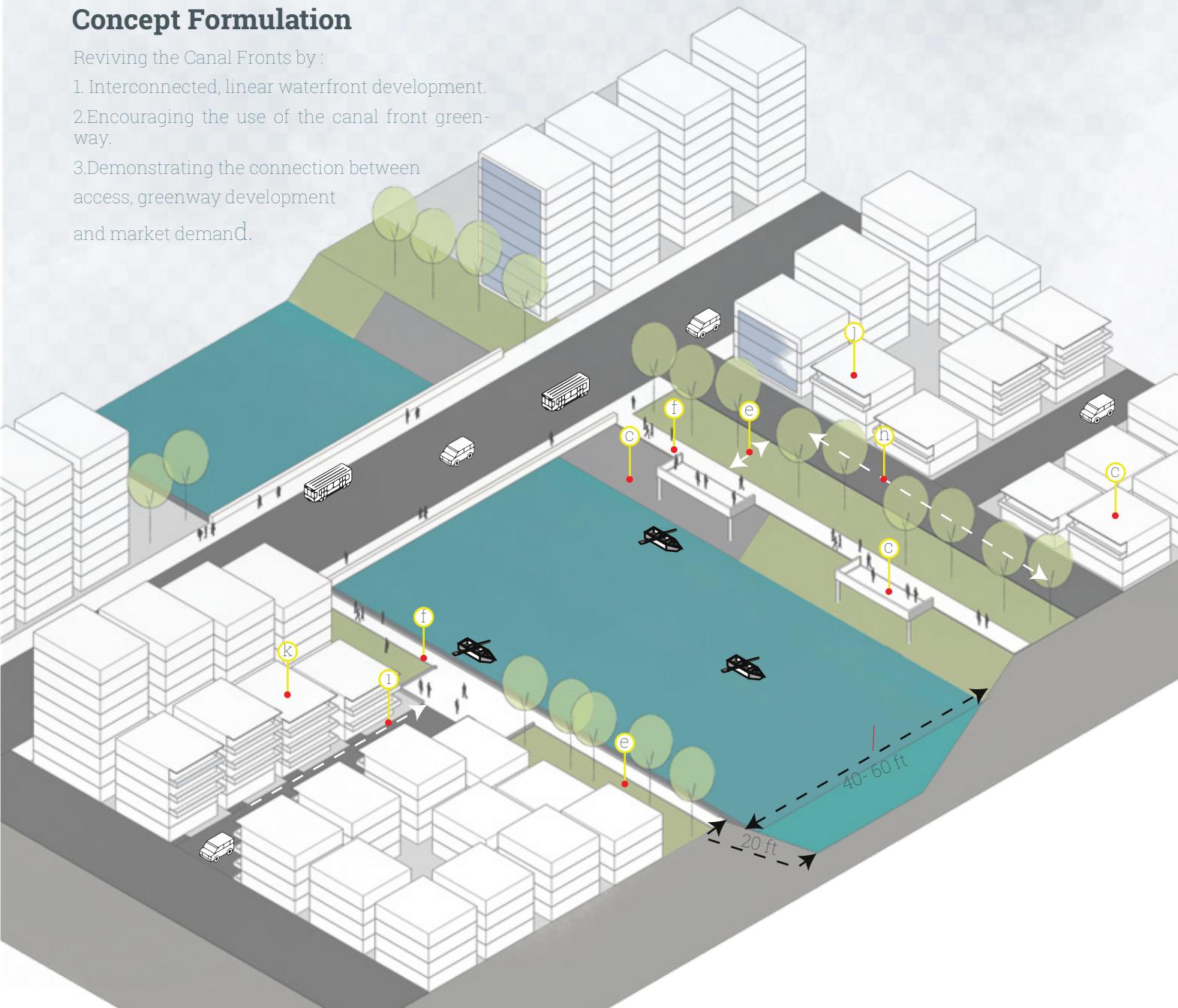
### Public Perceptions

The present condition of the Canals are creating negative impacts in public life. Those which were supposed to be blessings are now considered as huge problems.

## Concept Formulation

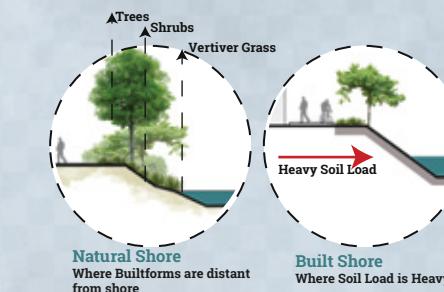
Reviving the Canal Fronts by:

1. Interconnected, linear waterfront development.
2. Encouraging the use of the canal front greenway.
3. Demonstrating the connection between access, greenway development and market demand.



## 1. Developing Canal's Physical Properties

- a. Expansion of Canal Banks to 40- 60 ft .
- b. Re - Excavate Canal Bed to 20 ft
- c. Shore Protection



### d. Waste Management



### e. Create buffer between canal bank and buildforms

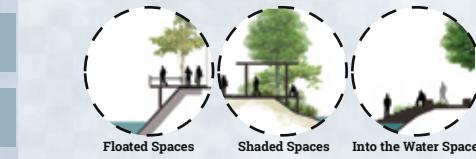


## Site Selection



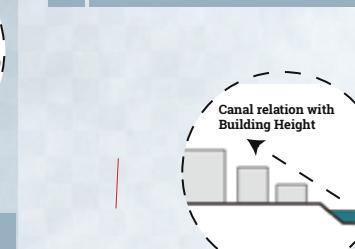
## 2. Creating Public Realm

### f. Create Walkways



### g. Public Interaction Spaces

### h. Road Parallel to Canal

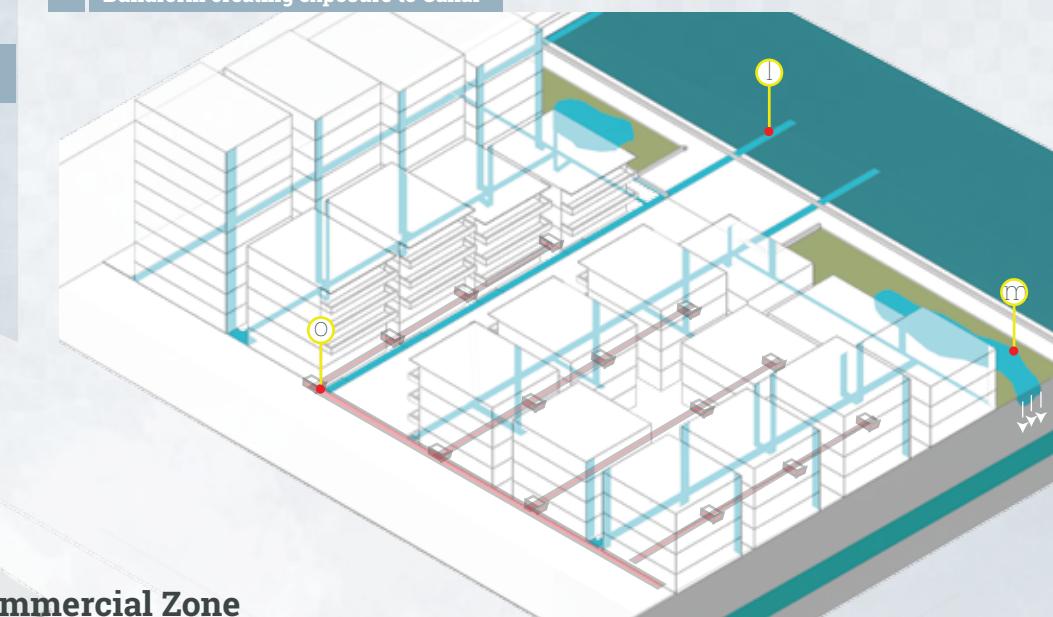


To provide visual access to the citizen, building height can play a vital role. Regulation should be imposed to control heights along the riverfront so that visibility of the canalbank reaches to maximum population .

### i. Roads creating exposure to Canal

### j. Buildform Facing Canal

### k. Buildform creating exposure to Canal



## 3. Water Management

### l. Connecting the Water Drainage to Canal

The drains should channel out the storm water to canal and the slugs should be filtered .

### m. Permeable ground cover beside canal to soak rain water

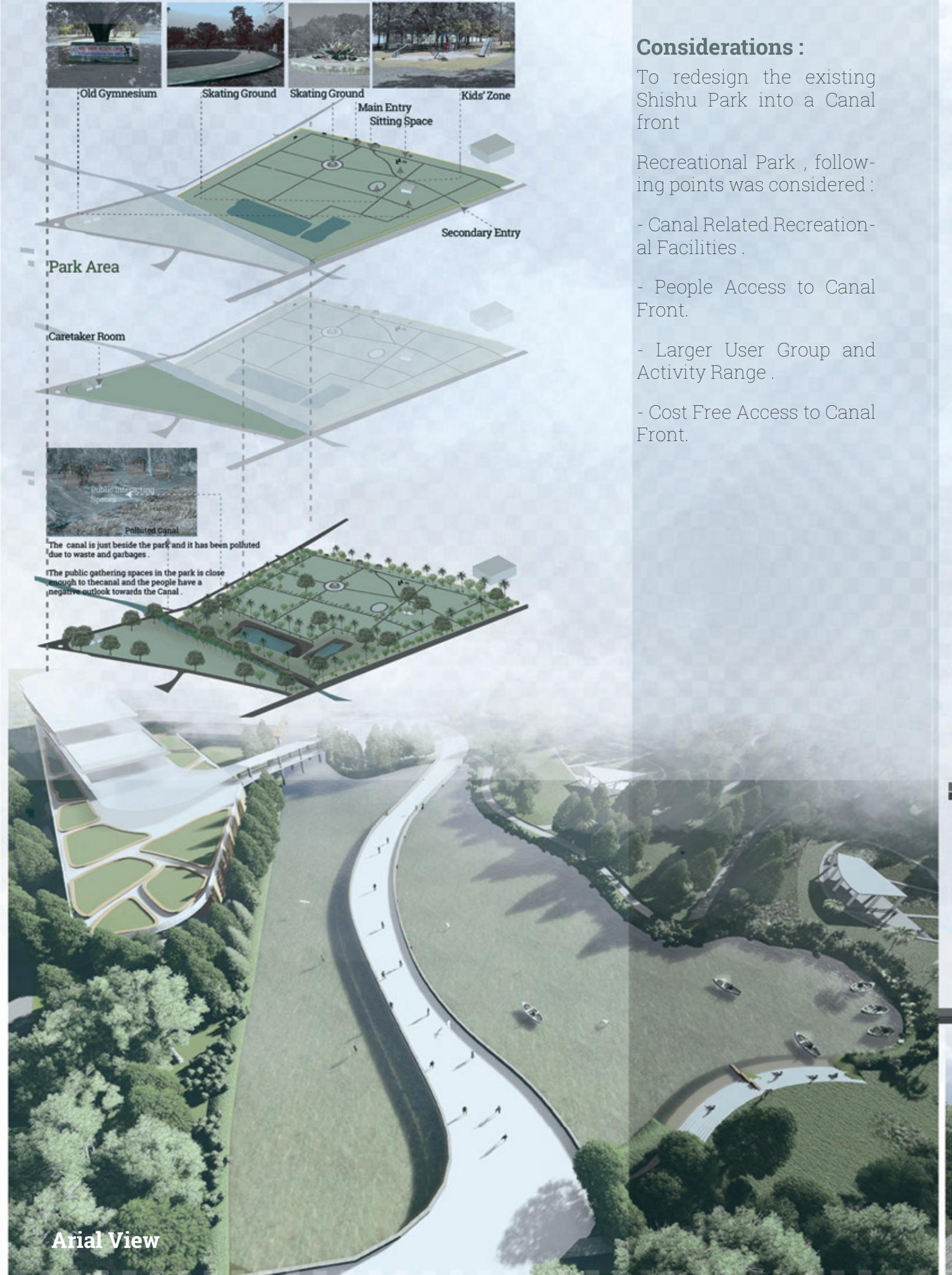
### n. Roads having downward slope to Canal



### o. Separate Sewerage and drainage line

### p. Roadside storm water management





### Considerations :

To redesign the existing Shishu Park into a Canal front

Recreational Park , following points was considered :

- Canal Related Recreational Facilities .
- People Access to Canal Front.
- Larger User Group and Activity Range .
- Cost Free Access to Canal Front.

### Recreational Zone

This Zone is situated in the Canal Side of Ghagra Canal, Which is known as Shishu Park, Dinajpur, and a part of Dianjpur Gor-E – Shaheed Boro Math.

This site is surrounded by Administrative Headquarters and bungalows. There's BGB

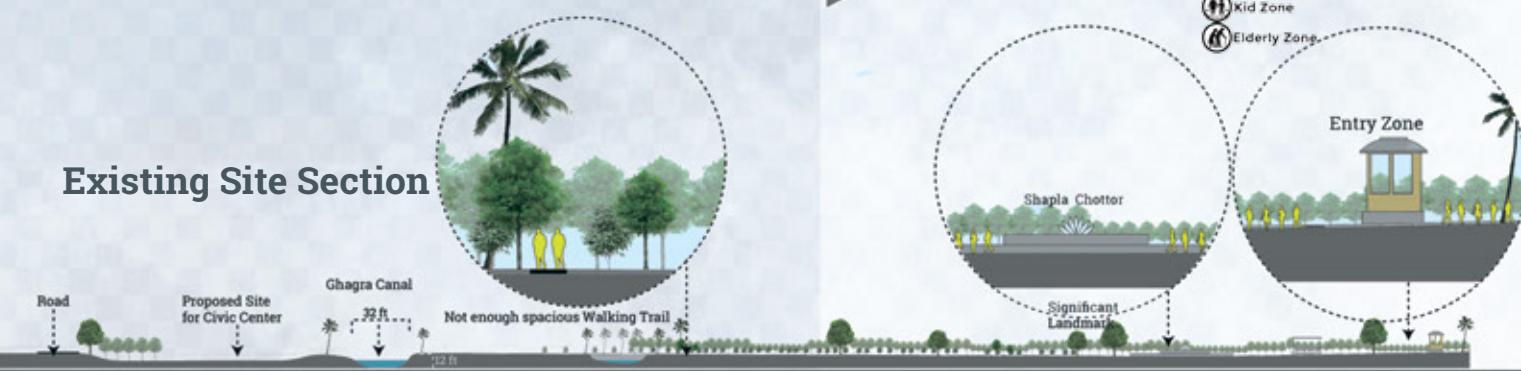
restricted area adjacent to the site. It is selected to show how should the recreational facilities

can be generating by respecting and reviving the canal.

The selected site for civic centre is adjacent to the Shishu park . The canal divide the site .



### Existing Site Section



### Proposed Site Section

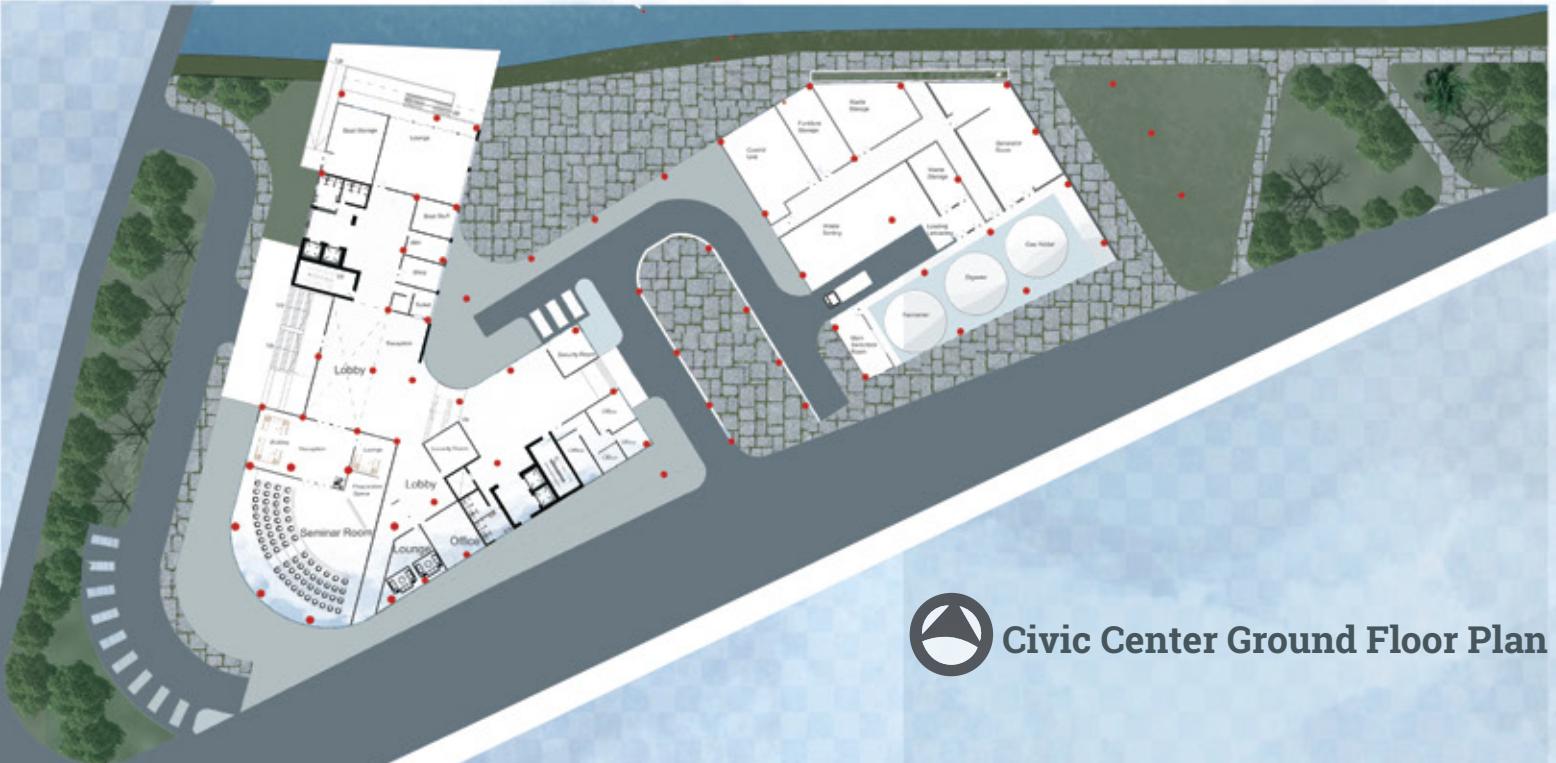


Entry Zone

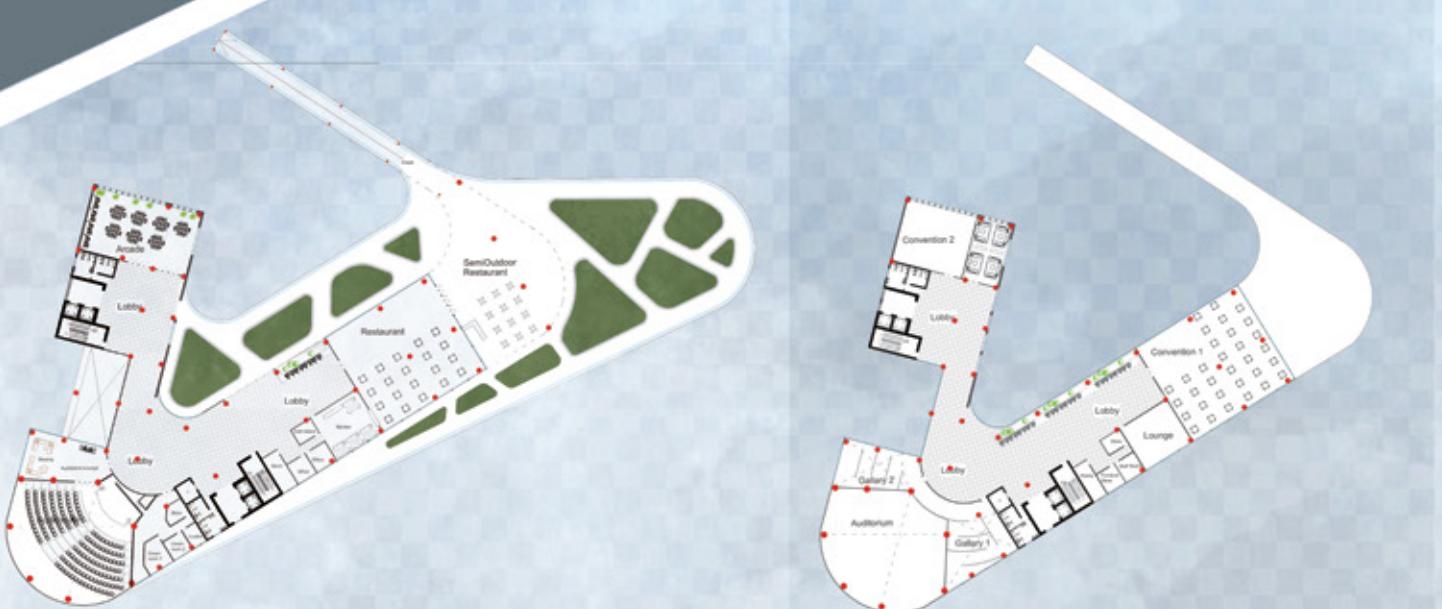


Pedestrian Bridge and Ghat

Arial View



**Civic Center Ground Floor Plan**



**1st Floor Plan**

**2nd Floor Plan**

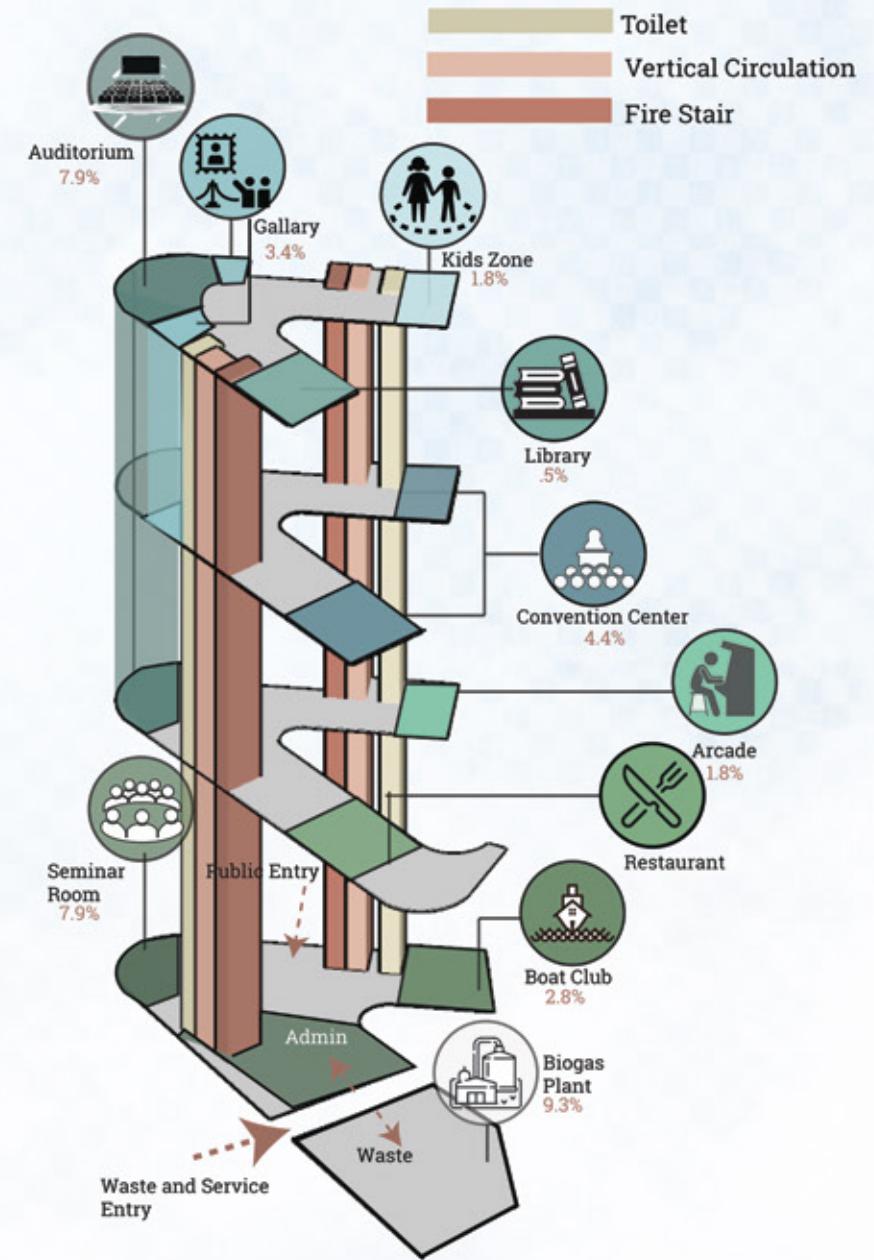


## Section BB

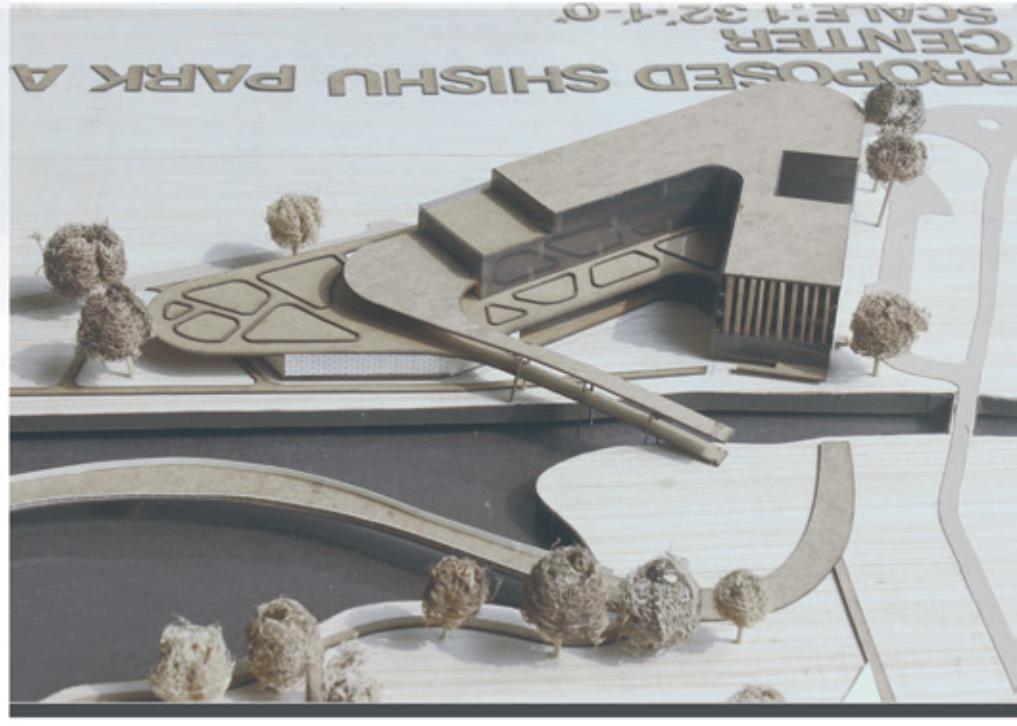
### Designing the Civic Center

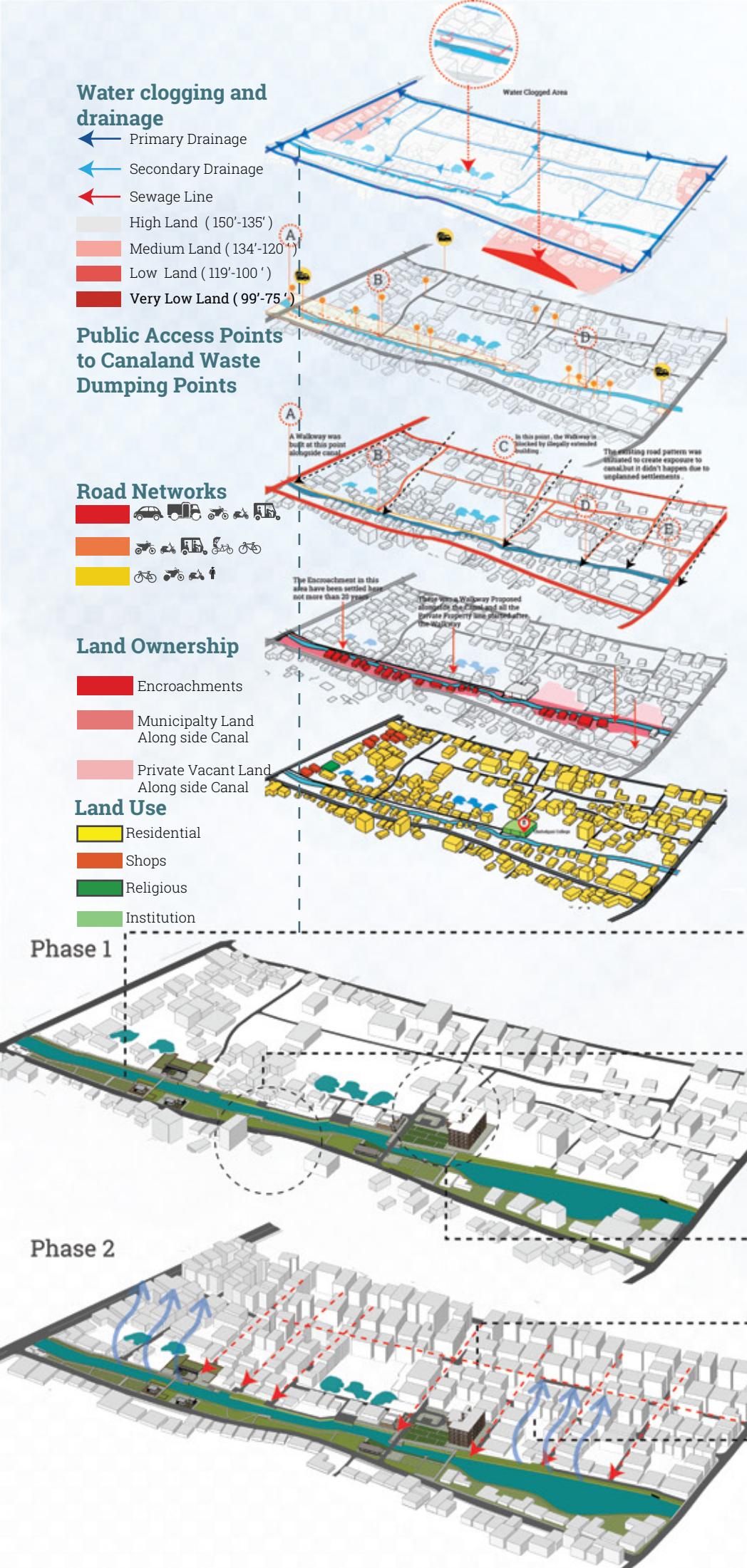
To design the Proposed Civic center to cover up the facilities lacking in existing civic center , following points was considered ,

- Different Civic Facilities.
- Canal Oriented Building Design.
- Accommodate existing lacking facilities like business center.
- Formal and Informal Activity Zones.
- Consideration of the huge public gathering in Boro Math.
- Consideration of the surrounding administrative activities.
- Cost Free Access to Canal Front.



**Functional Diagram**



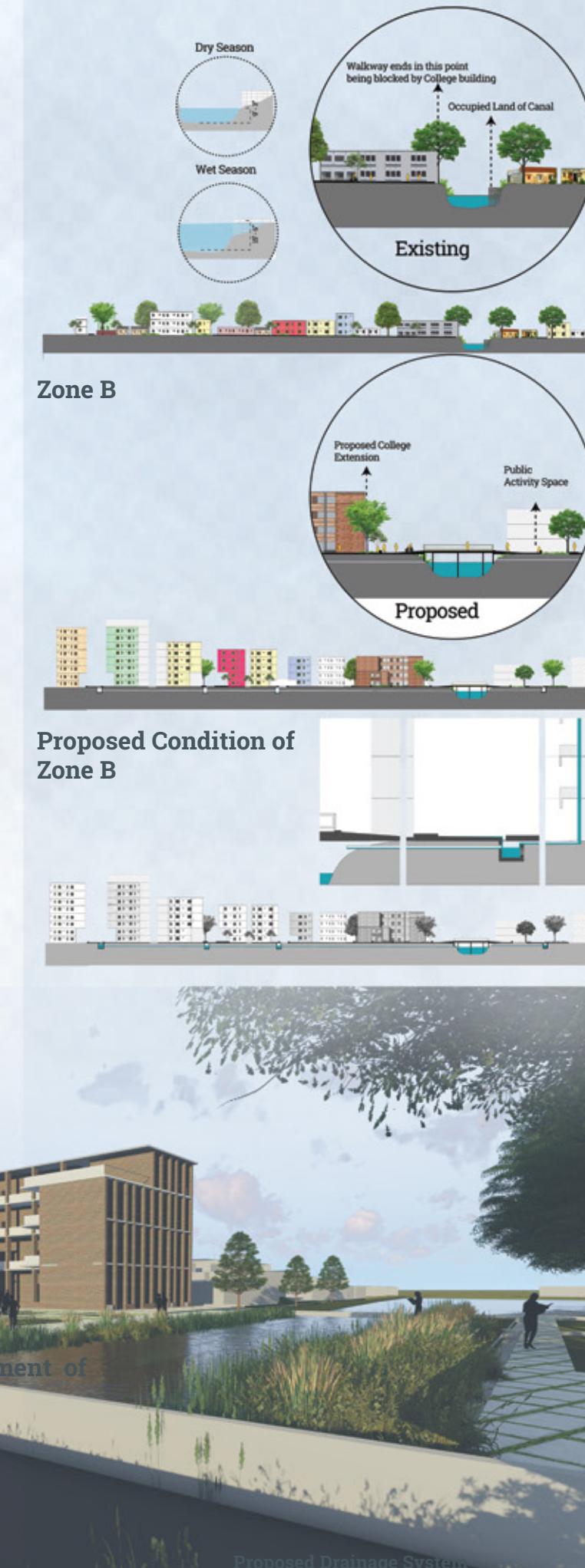


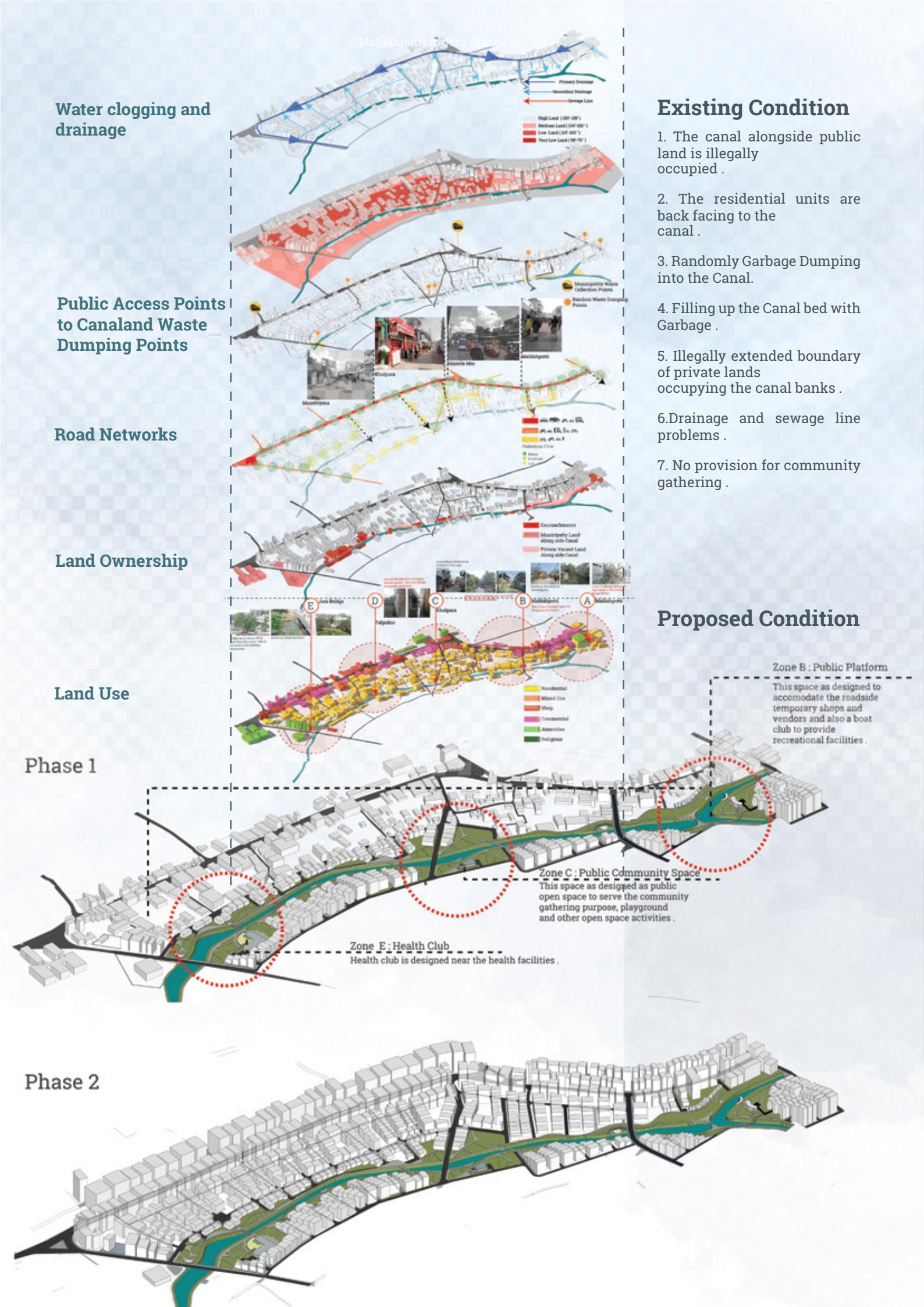
## Residential Zone

This Zone is Selected in Eidgah-bosti Residential area which is one of the oldest residential area in the town .

This site is selected to show the development of community level public realms and neighborhood public spaces alongside of the canal.

How the drainage, Road patterns and build forms should be organized respecting the canal would be analyzed for this site.





## Commercial Zone

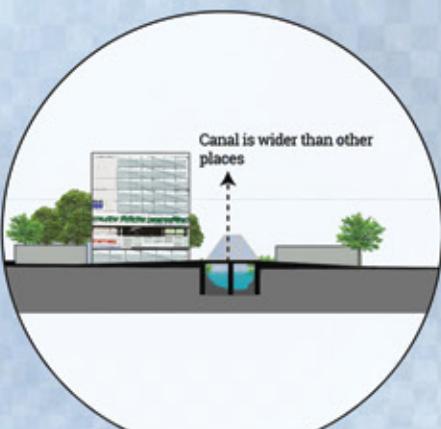
This zone is an interconnected Zone Between Maldahpotti-Munshipara Commercial zone and Hospital Road to Jora Bridge Area.

This Zone is Selected for it's huge range of Public functions and interactions

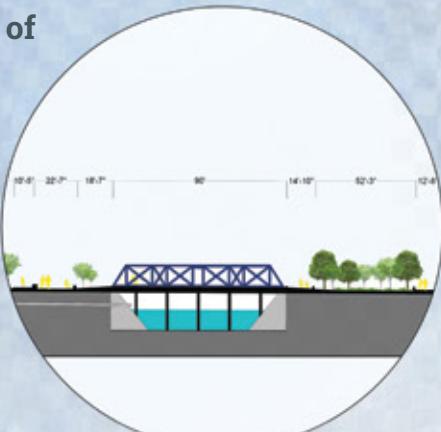
This Area is developed as Commercial Area since colonial period and well connected to main town axis .Canal was used to carrying goods to commercial centre .

Land use has layers with commercial and then residential . Maximum activity of town's people centering around this place .

## Zone E



## Proposed Condition of Zone E



## Water Management of Zone E



## Emphasizing SDG Goals



Project Vision



The Vision is to create safe and sustainable spaces alongside the canal and develop the future settlements respecting the Canal.

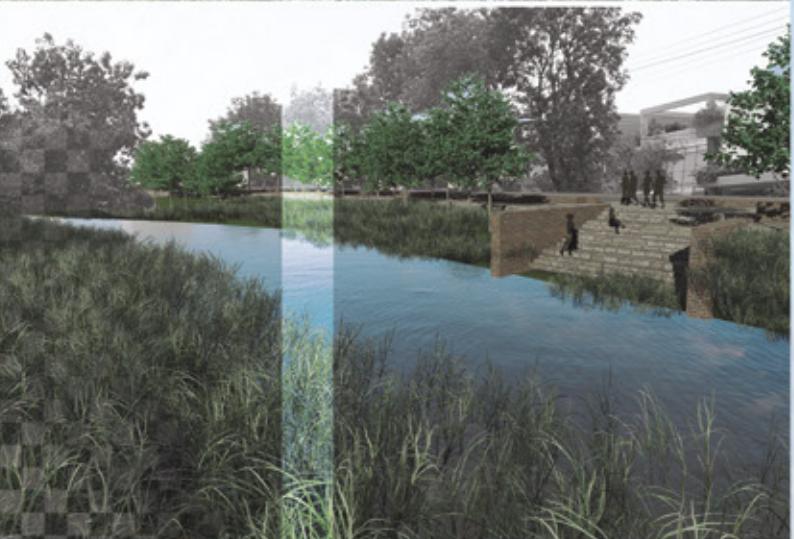
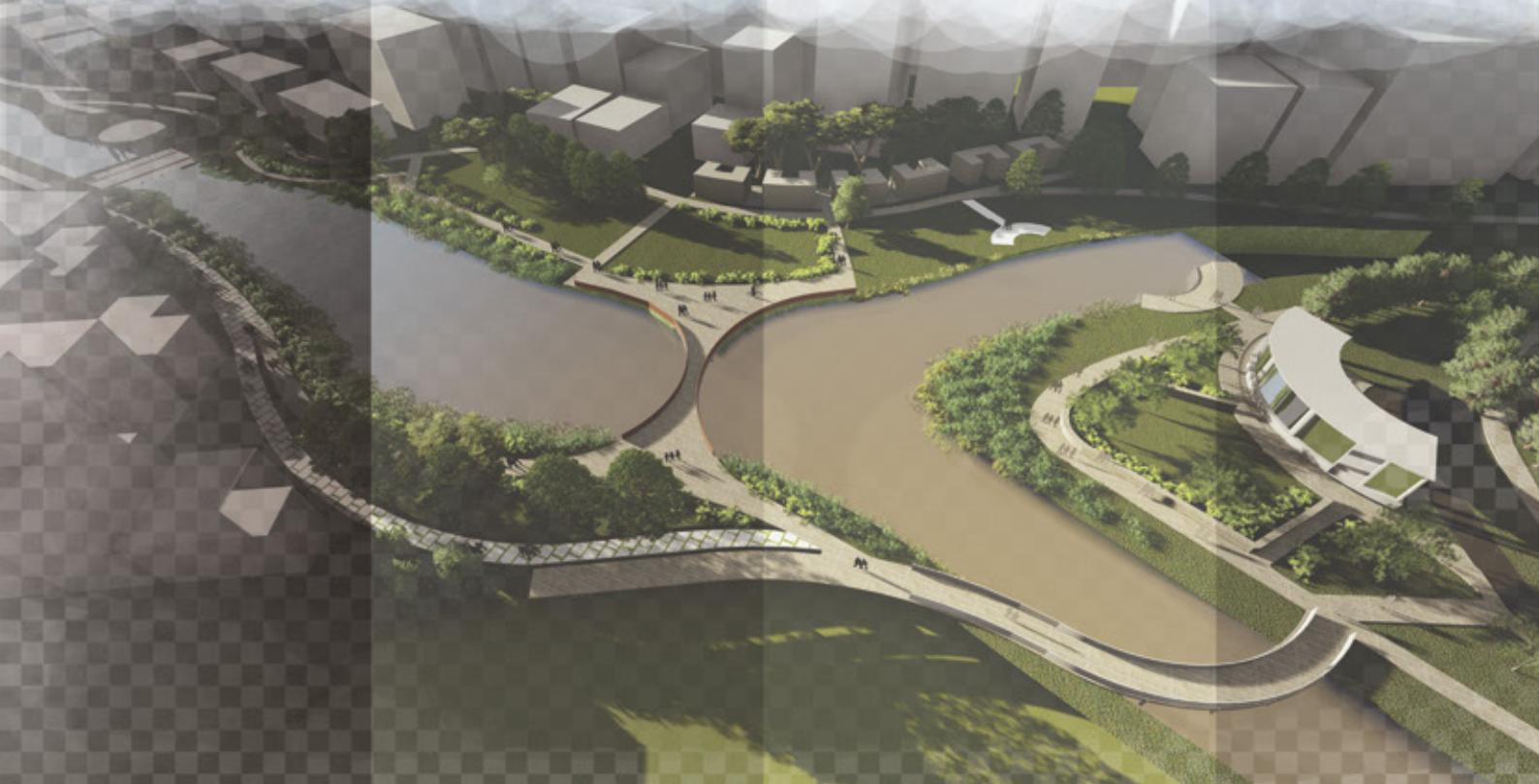
The Waste dumped into the Canal can be mitigate only by proper waste management. Waste produced in daily basis should be managed, prevented to dispose here and there, recycled and reused,

Restoration of the Canal with the scope of fisheries and plantation alongside it's territory.

Enhance the safety of the lives both in the greenerys and in the canal water.

Reduce Anti Social Activities forming in the obscure and non accessible spaces alongside the Canal.

Proportion of population that feel safe walking alone around the area they live.



# Design of a Four Star Hotel

The project is about to practice a four star hotel design in the tourist prone sites of Bangladesh , considering the nature,site ,tourist demand and economy of the site.

The project was focused on real aspects and practicality of the design along with form and structural creativity .

Studio 5.1

Duration : 13 weeks



Exploring local untold stories of rakhain and local people of cox's bazar . These part of cox's bazar lacks tourist interest- though it has an interesting story to tell .

**Local Roadscape**

**Local Traditions**

**Sea views**

**ECO+Cultural Tourism**

**Promote Heritage and**

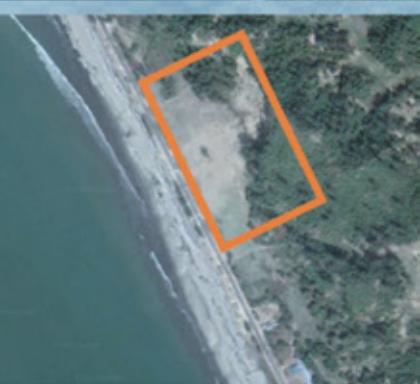
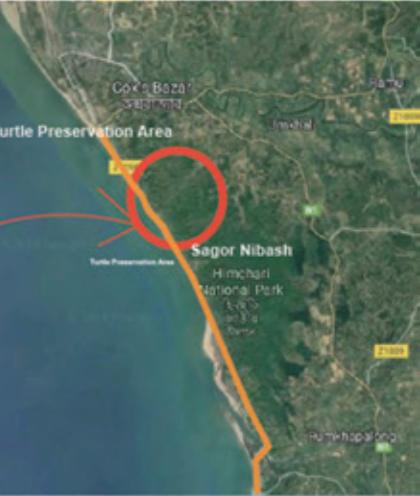
**lifestyle**

## Site : Cox's Bazar

The site was chosen in the most famous tourist spot in Bangladesh , Cox's Bazar .

The challenge was to design a Four Star hotel that will compete existing Hotels those are already on business on that area.

This aspect inspired me to do little innovation with the form and considering the other activities this hotel can provide .



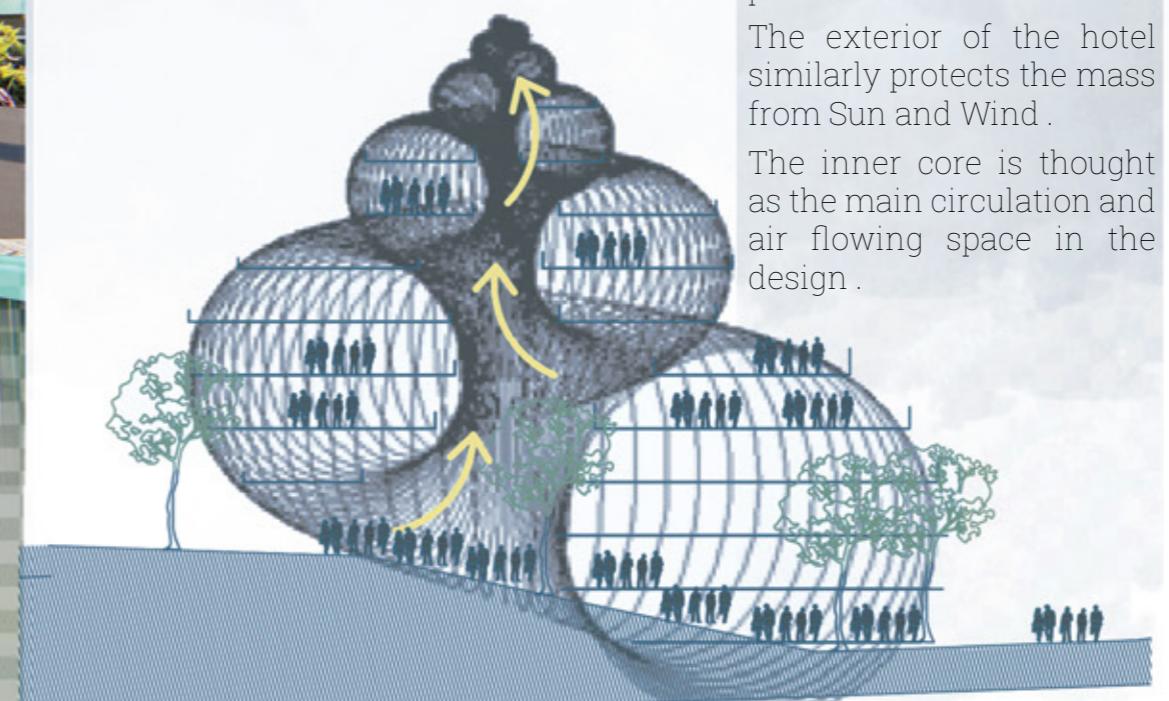
## BIOMORPHIC

The Form is Inspired from the sea shell . The concept was to look like the hotels as a shell lies beside the shore .

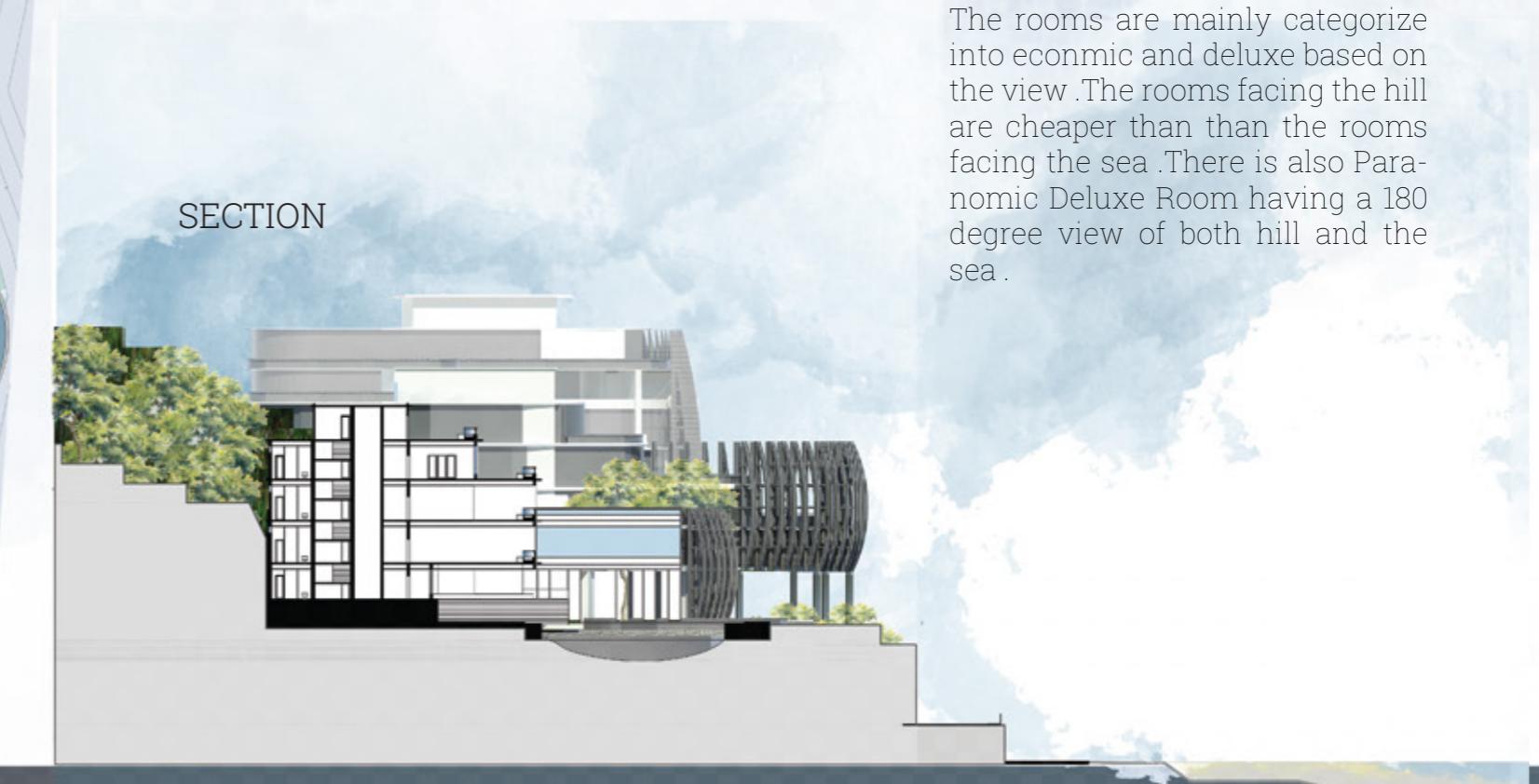
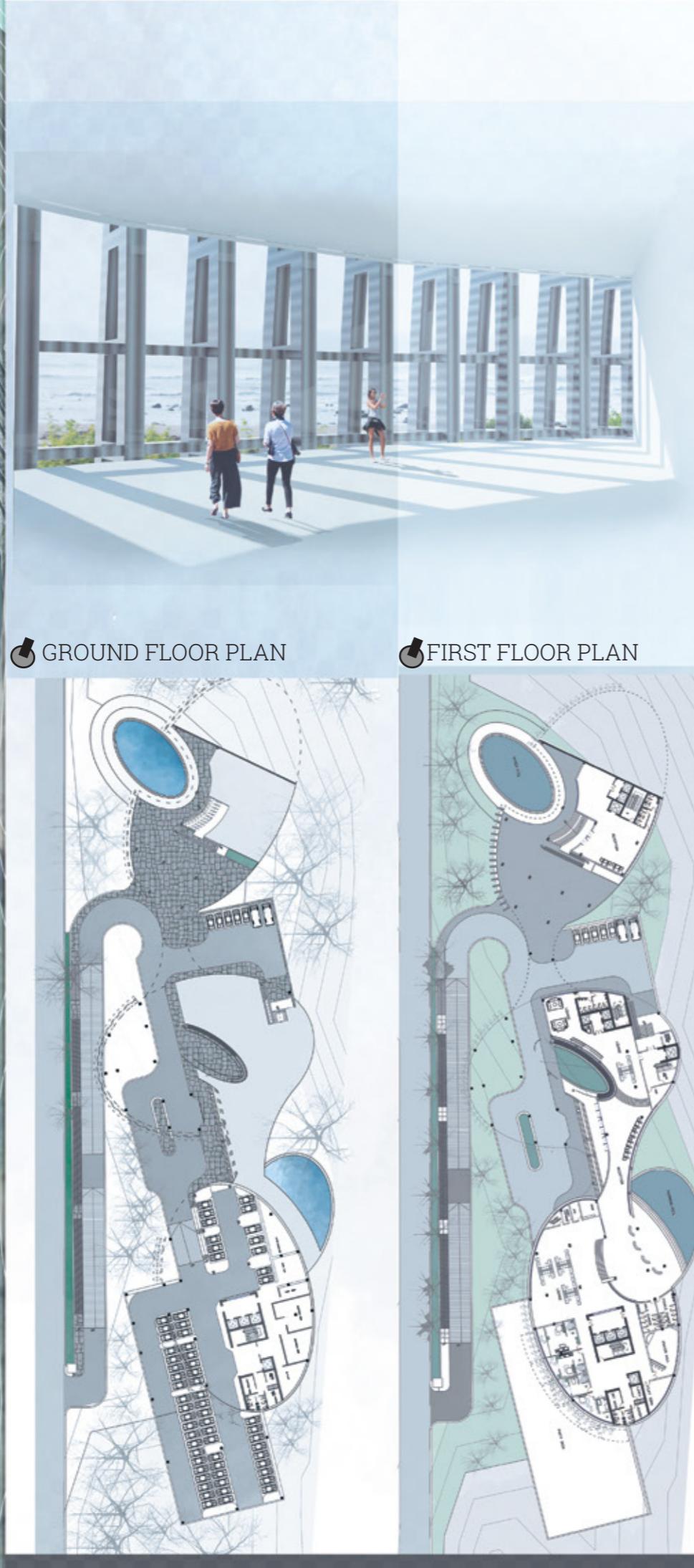
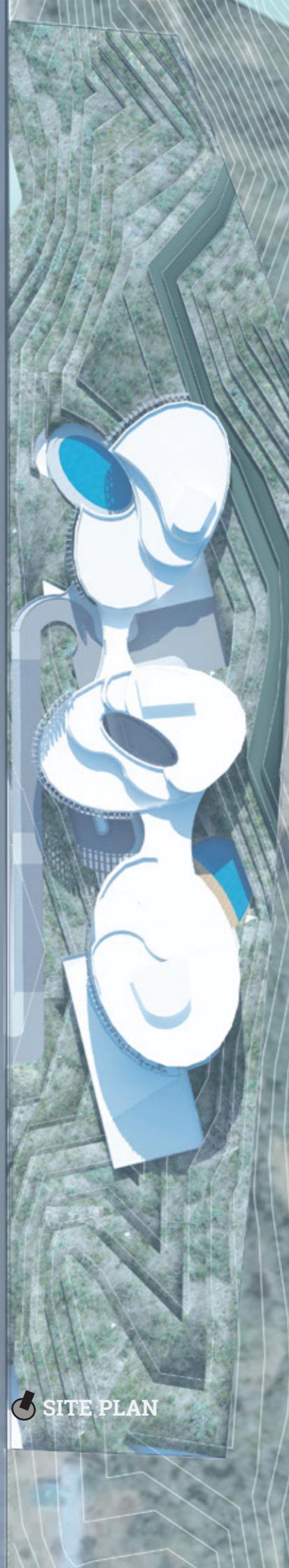
The exterior of the hotel is inspired by how the shell protects its inner core .

The exterior of the hotel similarly protects the mass from Sun and Wind .

The inner core is thought as the main circulation and air flowing space in the design .

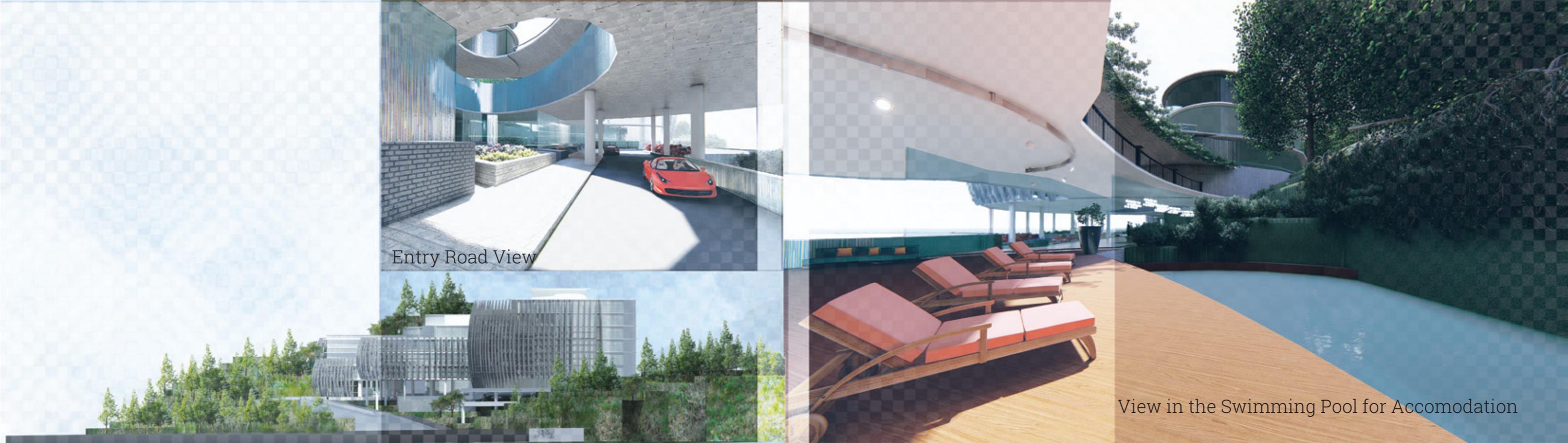


SEA SHELL AS SYMBOL OF NURTURING THE CORE AS HOTEL PROVIDE THE SERVICES FOR GUESTS



There are facilities provided like gymnesium, sauna spa in the most northern mass, the middle massing is for business activities and also the entry lobby is provided in the middle mass. The third and the southern mass is for the accomodation and parking .

The rooms are mainly categorize into economic and deluxe based on the view .The rooms facing the hill are cheaper than than the rooms facing the sea .There is also Panonomic Deluxe Room having a 180 degree view of both hill and the sea .



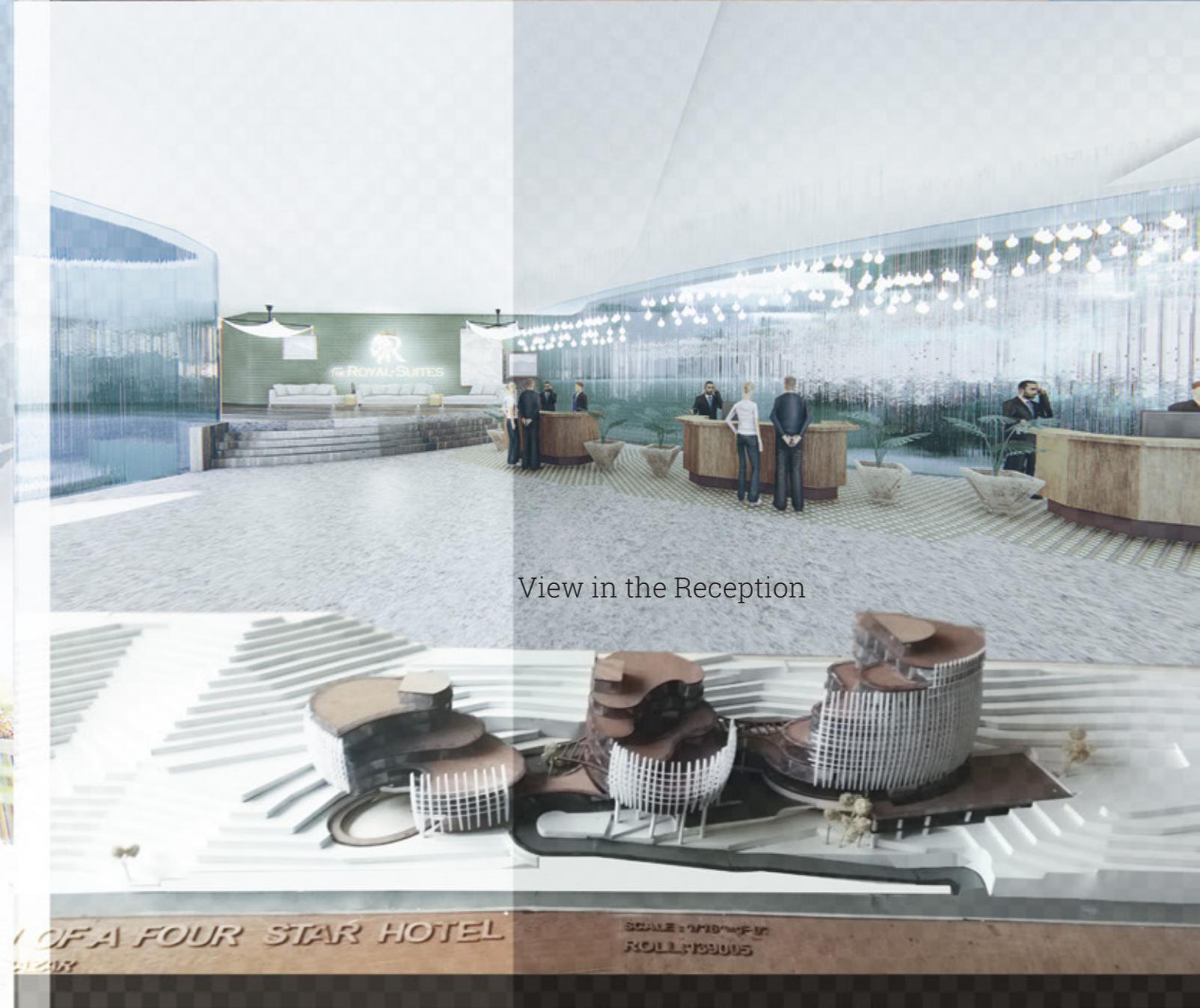
Front Elevation



View in the Swimming Pool for spa zone



View in the Swimming Pool for Accommodation



View in the Reception



LOFA FOUR STAR HOTEL

SCALE: 1/200' - 0"  
ROLL: 160005

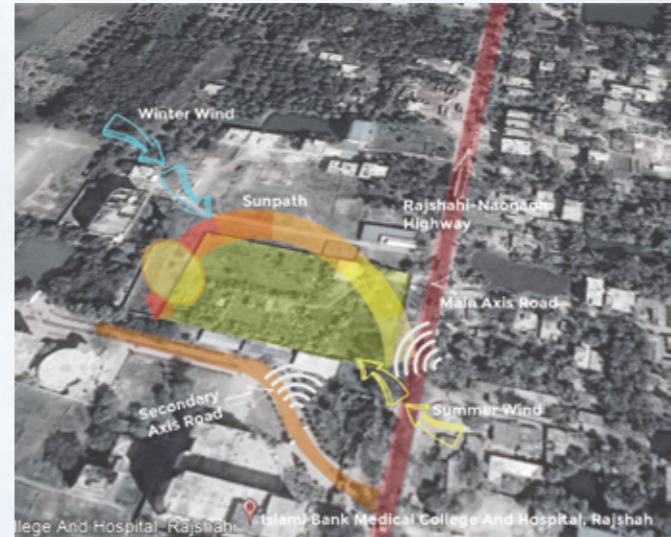
# DESIGN OF SPECIALISED HOSPITAL REHABILITATION AND PSYCHIATRIC CENTER

We chose to Design the center more focusing on the prevention of psychiatric disorders. If we can control the psychology of the youth of rajshahi and help them in a regular basis treatment, Creating a environment they want to visit not only for treatment but also a place for Relaxation, Social interaction and Self-Improvement .

Studio 4.2  
Duration : 5 weeks



## Site Analysis



## Site : Rajshahi , Bangladesh

The Site is Situated by the Rajshahi-Naogaon Highway. Islami Bank Medical College And Hospital, Rajshahi is in the South of the site .

## Design Considerations :

We Designed the Treatment as a Journey,Dividing in some Phases

### Journey of Interaction

A space or therapy or activity to interact with society .



A space or therapy to prepare the patient for facing the society and make his feel self- dependent

### Journey of Preparation

A space or therapy for self consciousness



Religious Practice

A space or therapy to make the patients or common people aware of their psychological factors .

### Journey of Awareness

A space to provide the patients space to be calm and quiet, so that they could realise their situation.

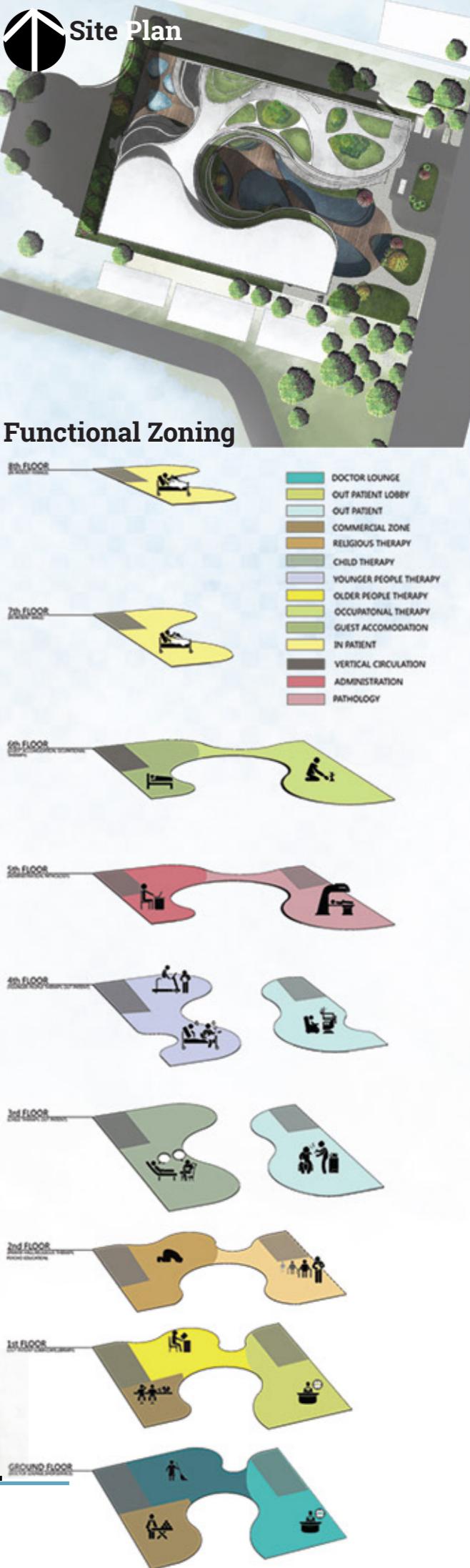
### Journey of Quietness

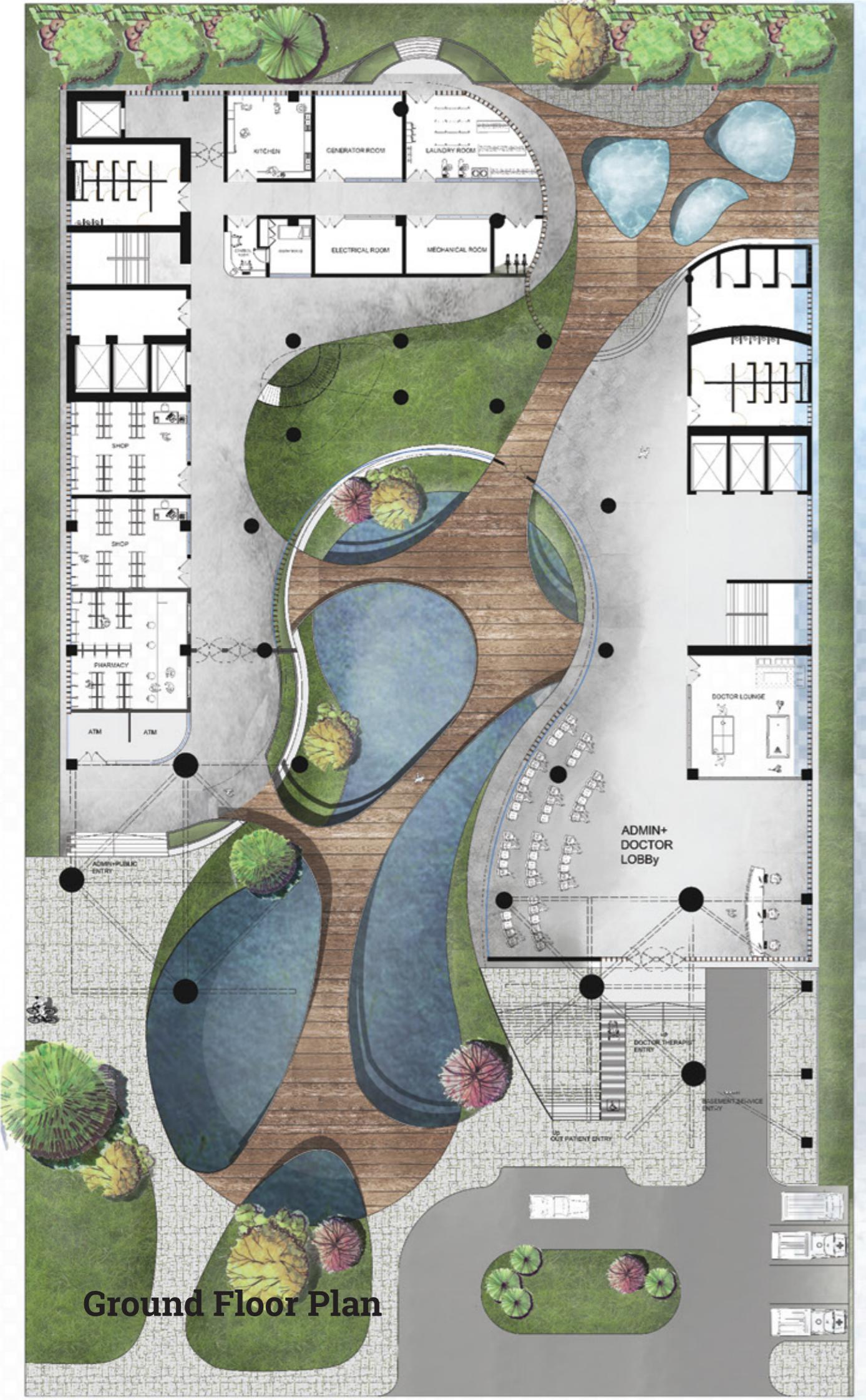
Religious Awareness



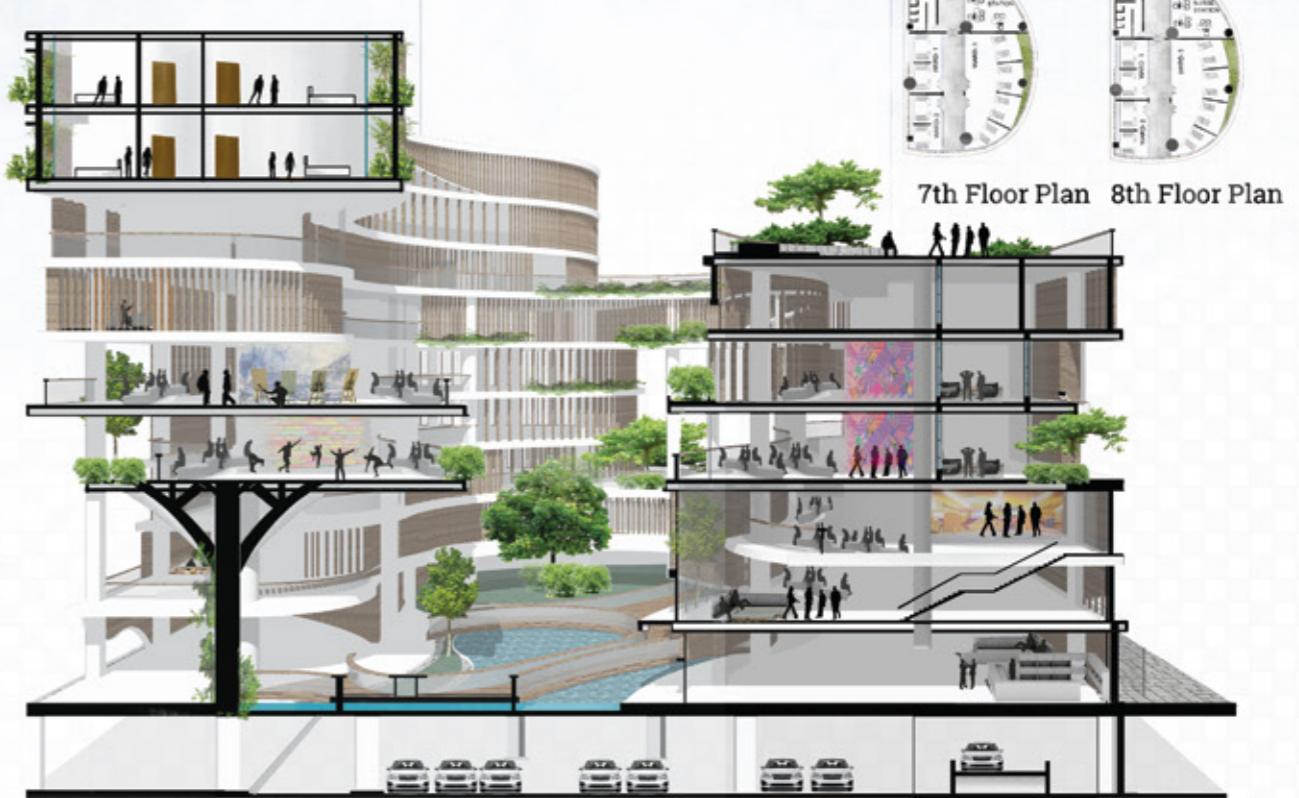
Self Preparation Space

Meditation Space





Sectional Perspective



7th Floor Plan 8th Floor Plan

Pedestrian Entry



North Elevation



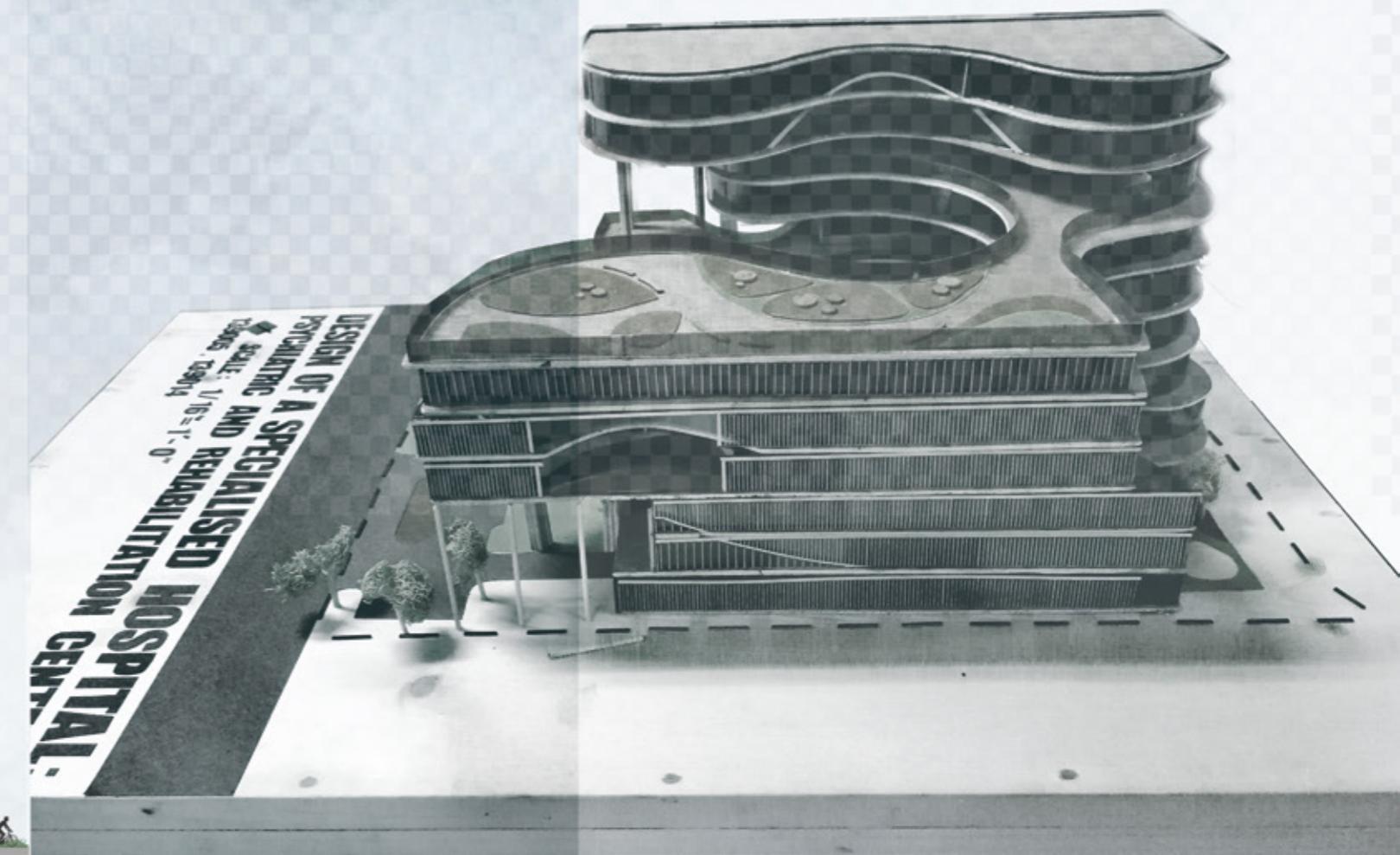
East Elevation



Lobby View



Library



## Competition Entry

# Mumbai Mixed Housing

This project was about to design a housing for people living in the worli tip, worli,Mumbai . It was a competition project arranged by the Reside and it was practiced as a part of our housing studio.

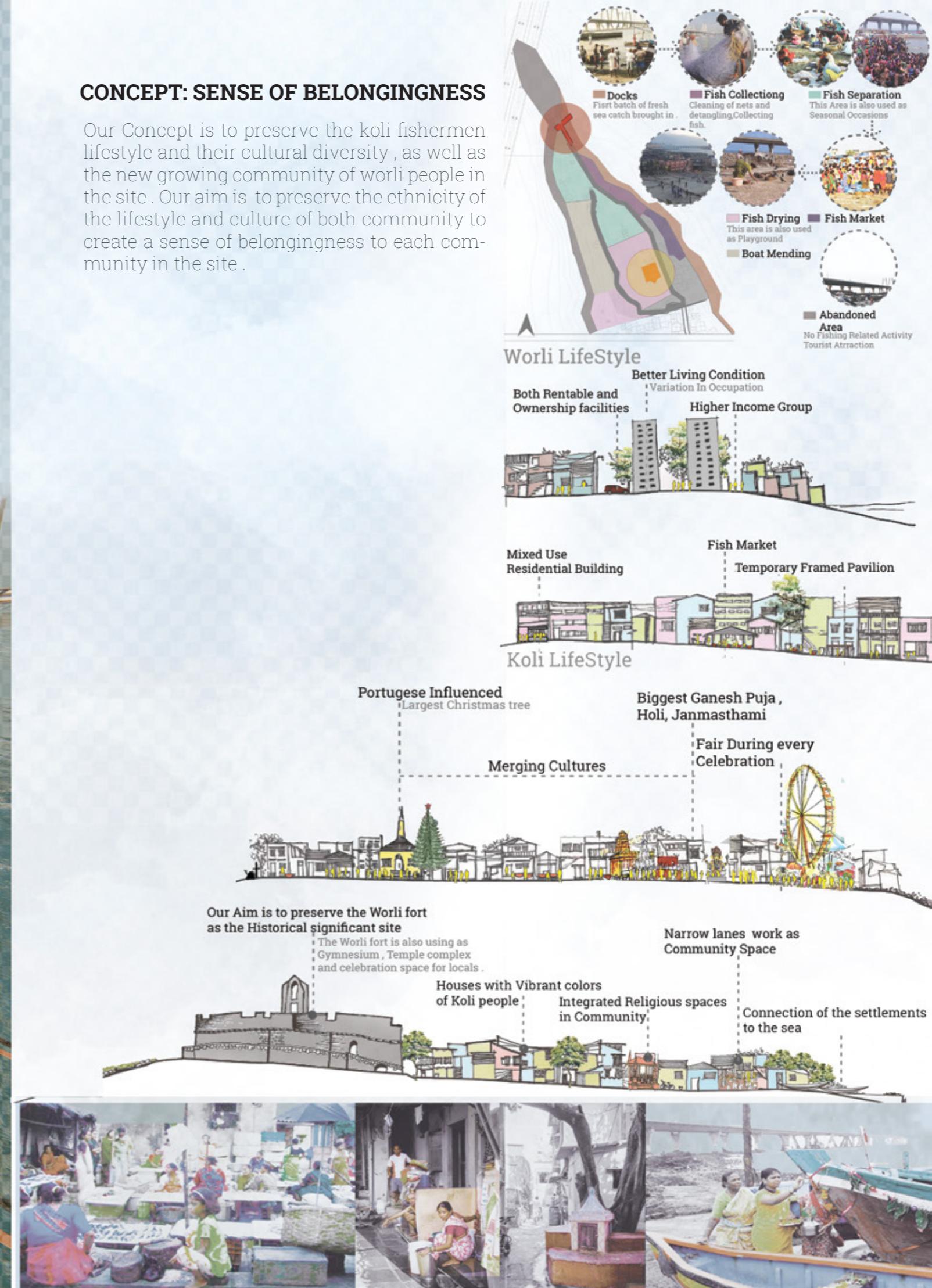
Studio 4.2

Duration : 8 weeks



## CONCEPT: SENSE OF BELONGINGNESS

Our Concept is to preserve the koli fishermen lifestyle and their cultural diversity , as well as the new growing community of worli people in the site . Our aim is to preserve the ethnicity of the lifestyle and culture of both community to create a sense of belongingness to each community in the site .



## MASTER PLAN



Worli Zone

Koli Zone

- Space For Seasonal Fair
- Gymnesium and Super Market
- Vetal Temple
- Church
- Park
- Restaurant
- School
- Health Center
- Community Center
- Central Playground
- Fish Market
- Parking
- Boat Repairing Shelter
- Net Mending Shelter
- Fish Loading Unloading Area



## WORLI LIFESTYLE

This part of the site is dedicated to worli dwellers income ranging middle to high . A receational belt is created for tourists and Worli people .

The Central Playground can be used by both Koli and Worli Community as a common open space .



## KOLI LIFESTYLE

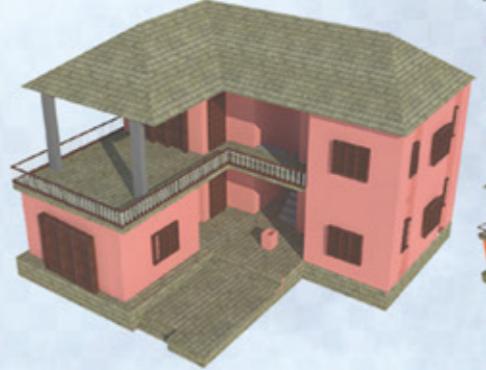
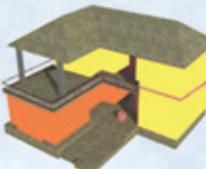
Focusing the daily Activity and Economic condition of Koli family, We created shared plinth open space for Kolis'.

Net Mending Shelters are introduced in the site for Koli Fishermen for net mending activities. It can be also used as resting space



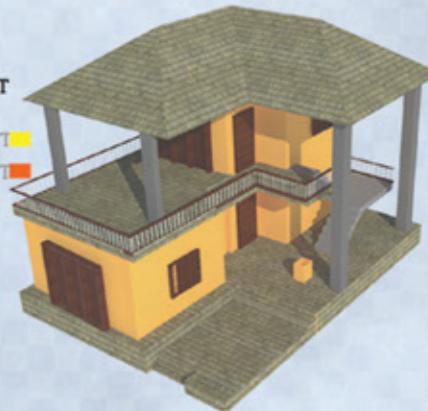
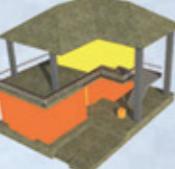
### Type A

TOTAL AREA 1348 SQ FT  
UNIT NUMBER 4  
UNIT AREA A 300 SQ FT  
UNIT AREA B 600 SQ FT



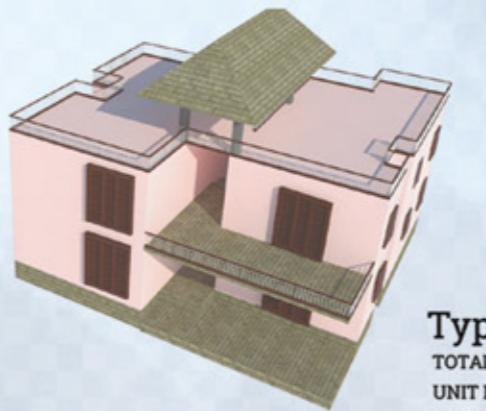
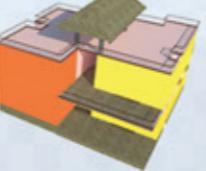
### Type B

TOTAL AREA 889 SQ FT  
UNIT NUMBER 2  
UNIT AREA A 300 SQ FT  
UNIT AREA B 600 SQ FT



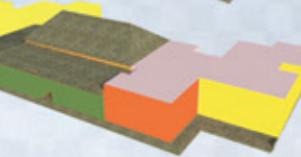
### Type C

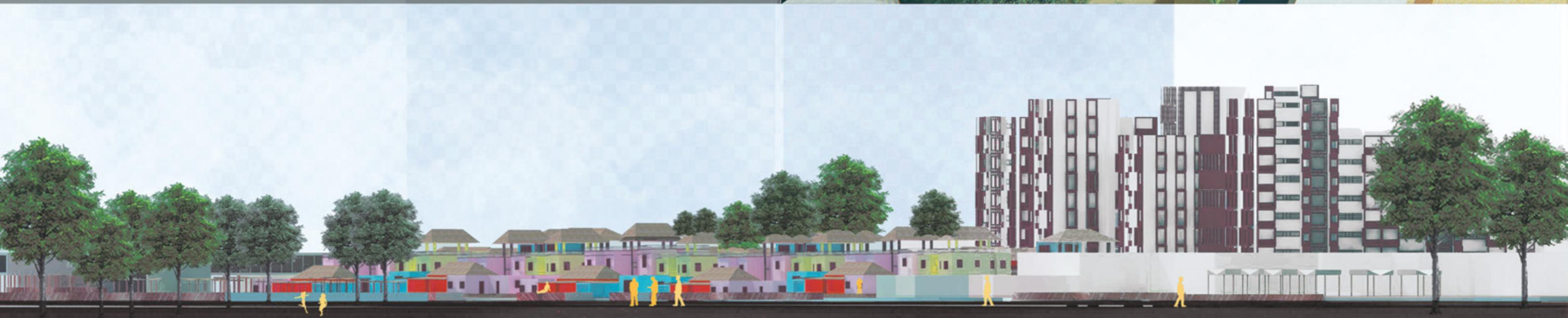
TOTAL AREA 1540 SQ FT  
UNIT NUMBER 4  
UNIT AREA A 700 SQ FT  
UNIT AREA B 700 SQ FT

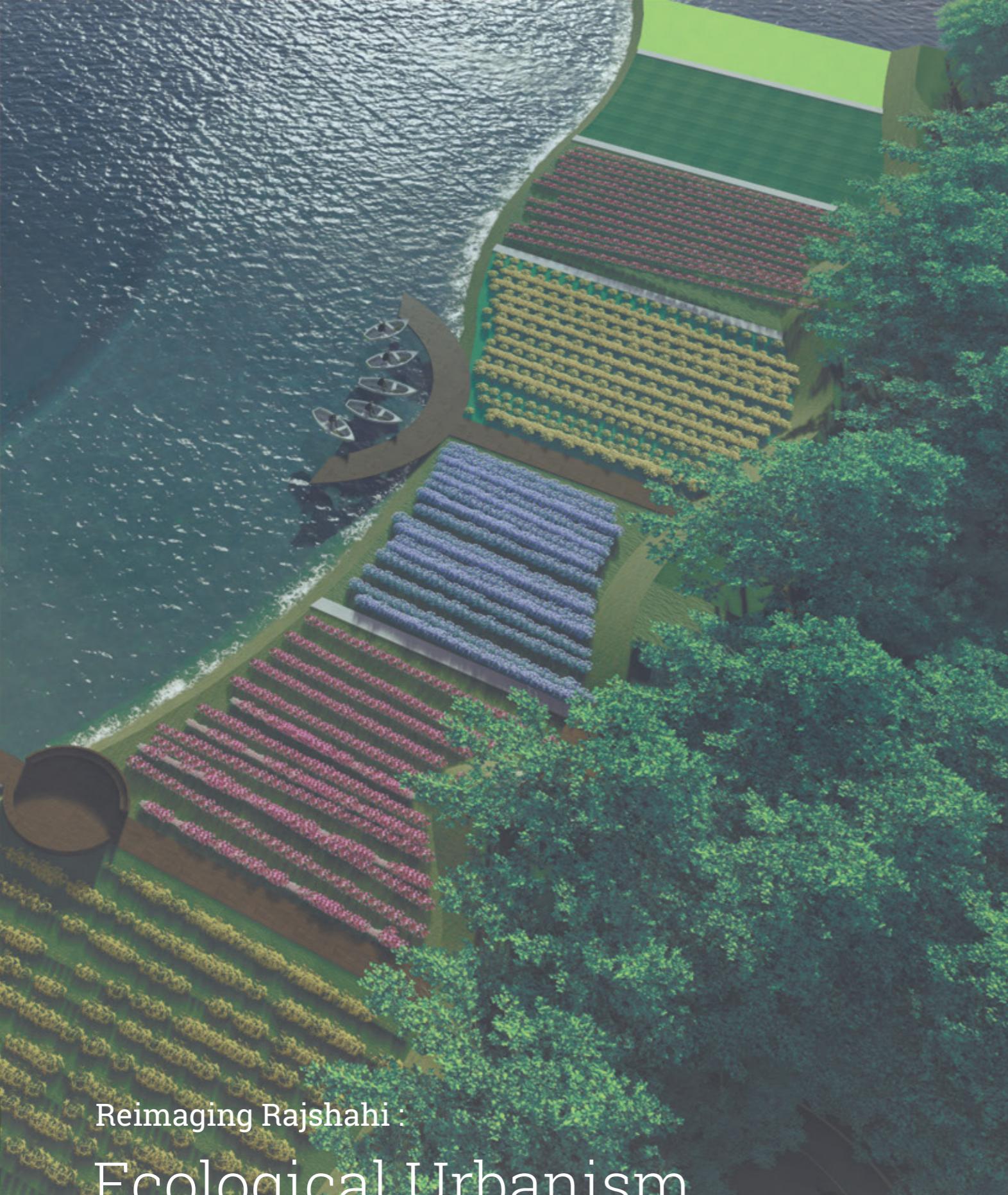


### Type D

TOTAL AREA 2500 SQ FT  
UNIT NUMBER 6  
UNIT AREA A 336 SQ FT  
UNIT AREA B 700 SQ FT  
SHOP AREA B 100 SQ FT







## Reimaging Rajshahi :

# Ecological Urbanism

This project was the part of Urban Studio, Where the task was to reimaging the city Rajshahi ,but hits it's acupuncture points of Ecology, Transportation, Place Making and Neighbourhood .

Studio 4.1  
Duration : 13 weeks

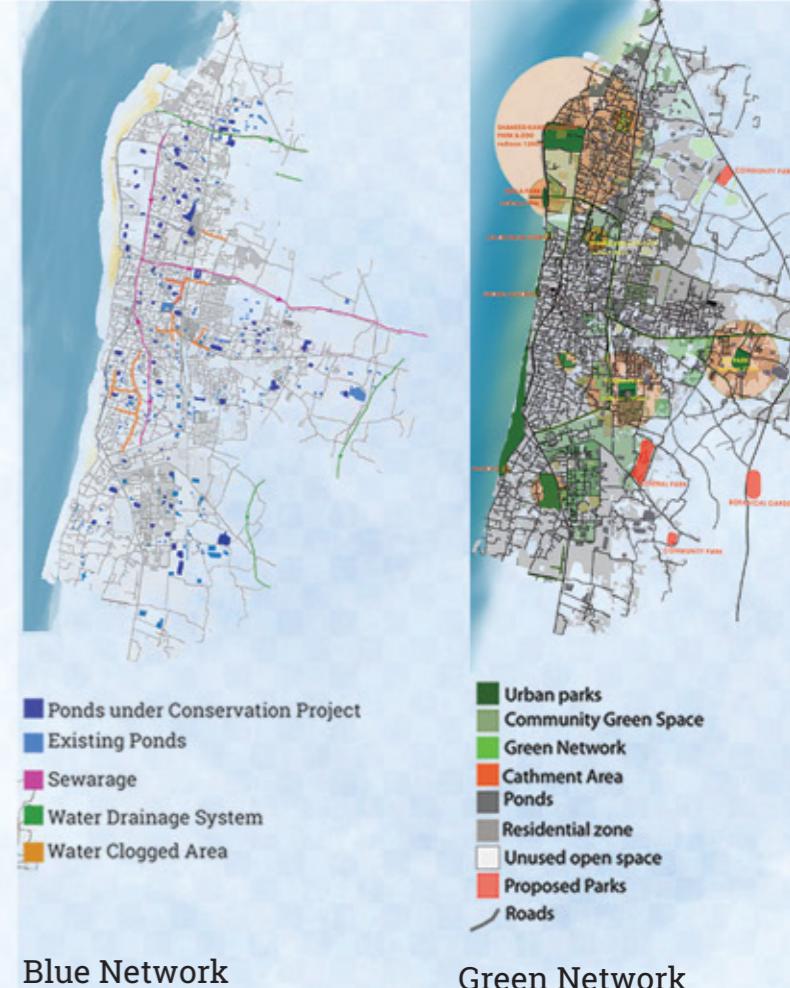
Our Task in this group project is to enhance the green-blue network of the city and reimaging the points of Ecological based Urbanism .

Alongside with it, We focused to reduce the Urban Heat Island Effect emerging all over the city by minimizing the hard surfaces and maximizing the green and blue surfaces .

## Existing Condition

Rajshahi, which is already known as the city of green facing a threat to it's eco belt alongside padma and the whole city has a scattered green network .

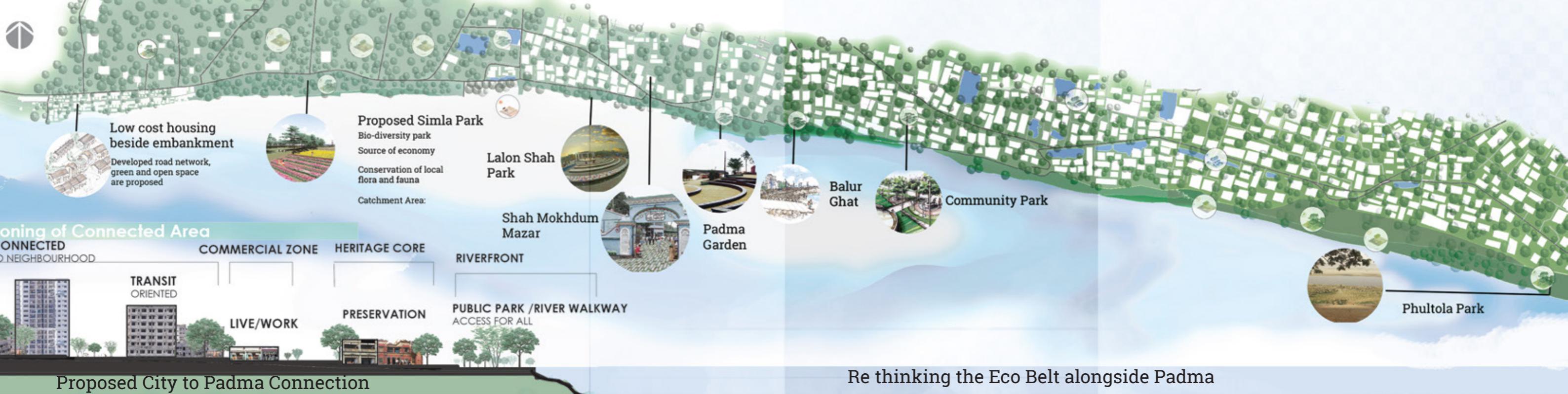
The city which is also famous for it's ponds , are now loosing it's number of ponds.These ponds not only were part of the community usage , but also part of the natural cooling system .



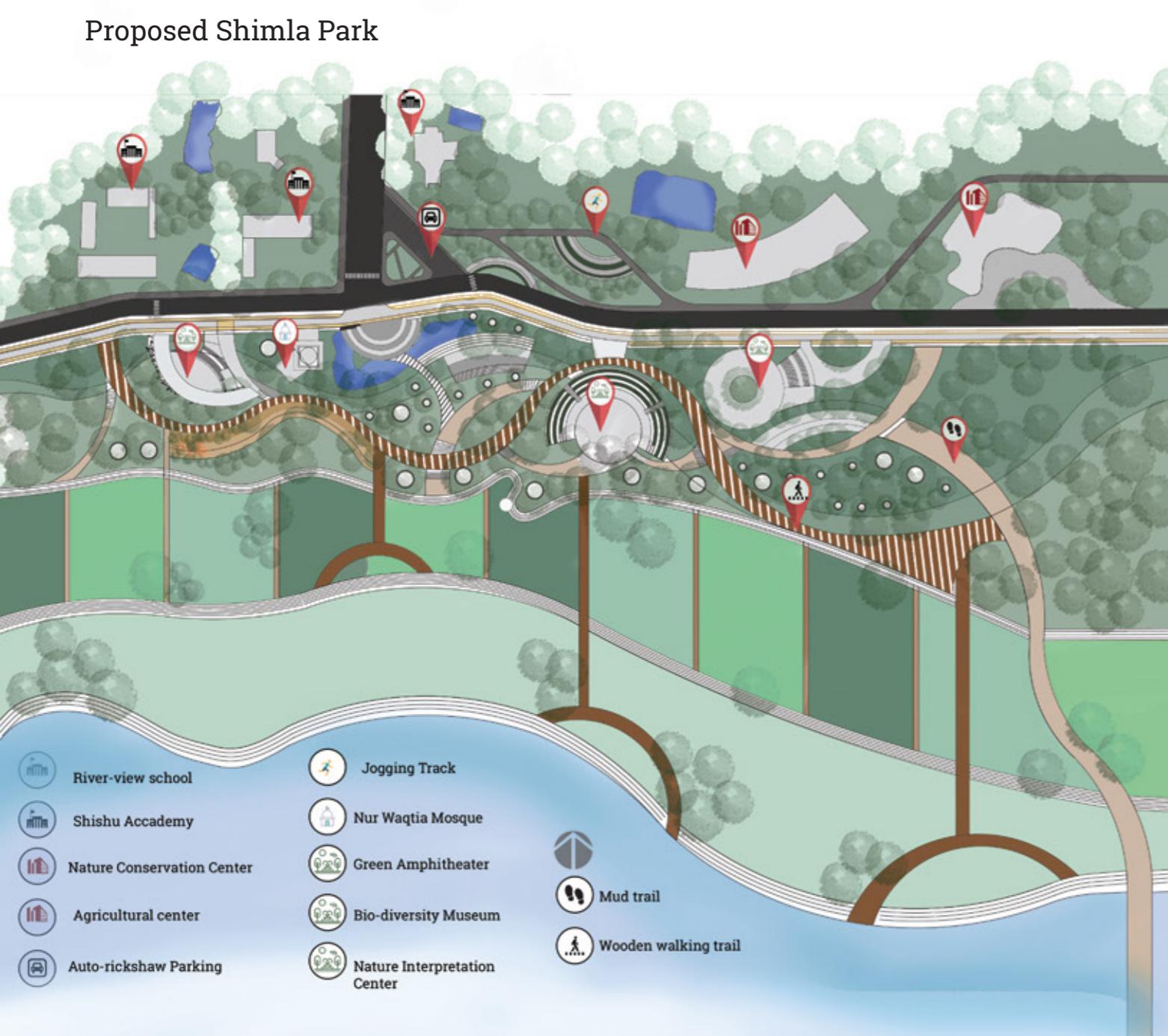
Is there enough tree???



# URBAN HEAT ISLAND FACTOR



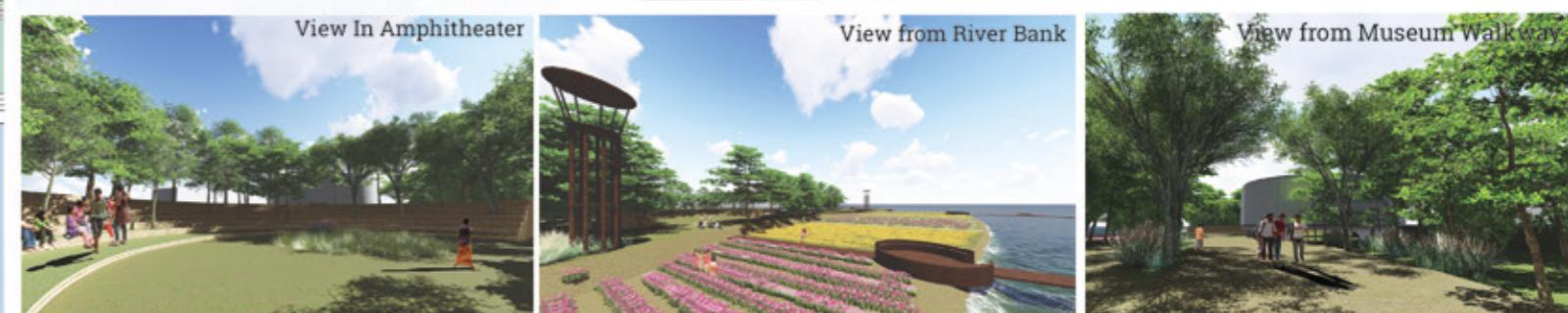
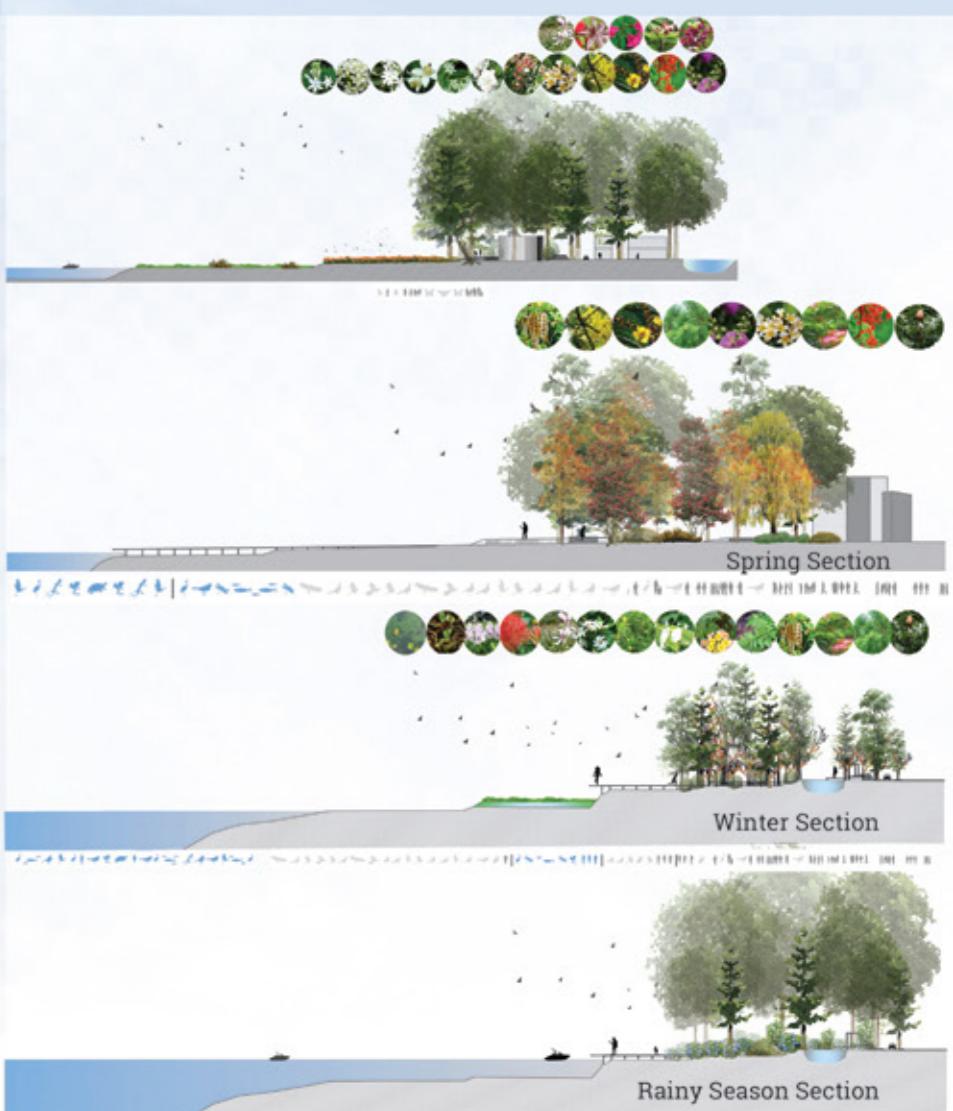
Proposed City to Padma Connection



## Re thinking the Eco Belt alongside Padma

We designed a continuous eco belt alongside the Padma to create eco tourism in the city and to protect the existing biodiversity.

We chose some points in the belt for tourist attraction and proposed the Shimla Park as Ecopark to promote Tourism and income generation.



## Re thinking the Newmarket Area

We designed a neighbourhood as a model of pond centric neighbourhood development.

The pondside will be the socio gathering space to the community alongside it will work as the wayet reservoir.



## Re thinking the Newmarket Area

Alongside of the eco belt, We redesign the existing road in front of newmarket as a part of the green connection to show that how a connected green network can help to minimize the urban heat island effect.



# DESIGN OF A Skyscraper

This project was about to design a skyscraper to introduce us to the designing a Highrise. The site was free to choose, but it must contain a road a lake in back side.

Studio 3.2  
Duration : 6 weeks



## Concept : Morphology of Puran DHAKA

I chose the site in dhaka , as dhaka is one of those cities which are expanding vertically rapidly .But the mass production of tall building is creating a separation between levels and making people less self centered.

My concept is to look back to Old Dhaka , to increase the connections between levels in tall buildings, as people of this country like to communicate each other , they gossip , even when they are in work .



Phase 1



Phase 2

## Design Consideration

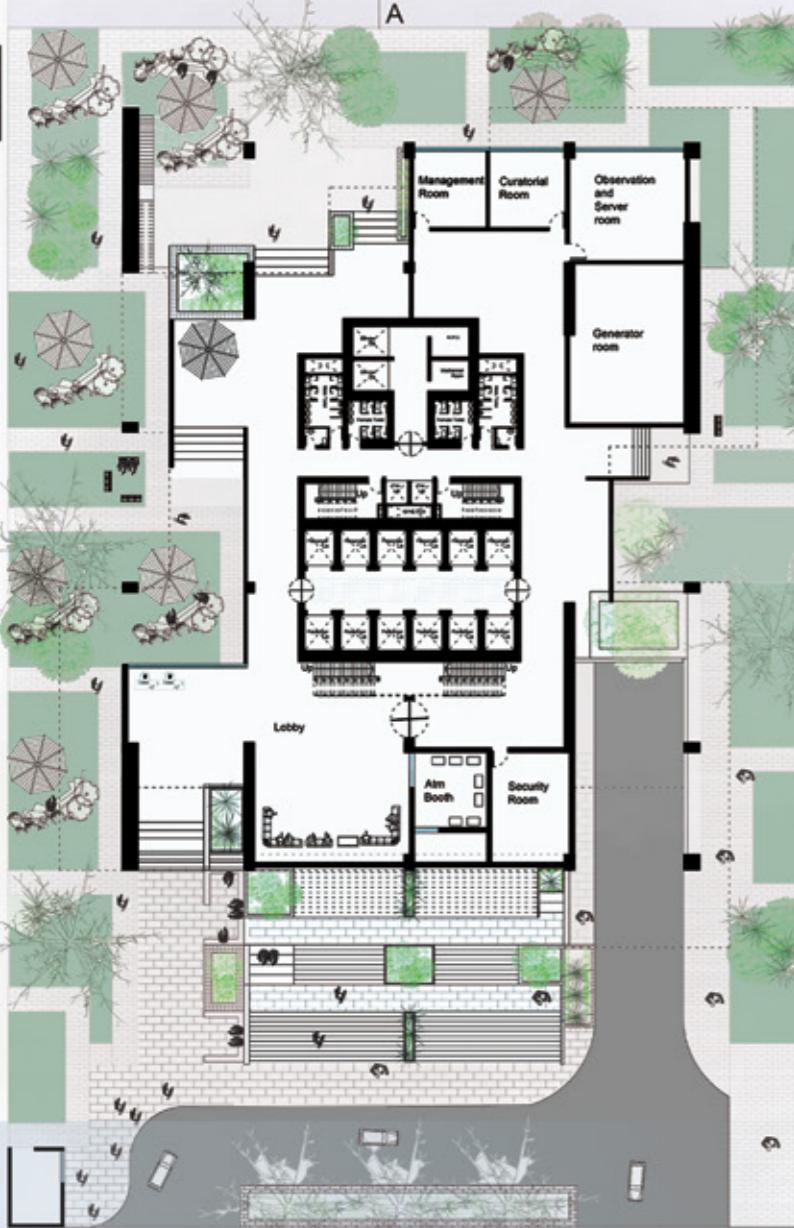


Irregular Growth

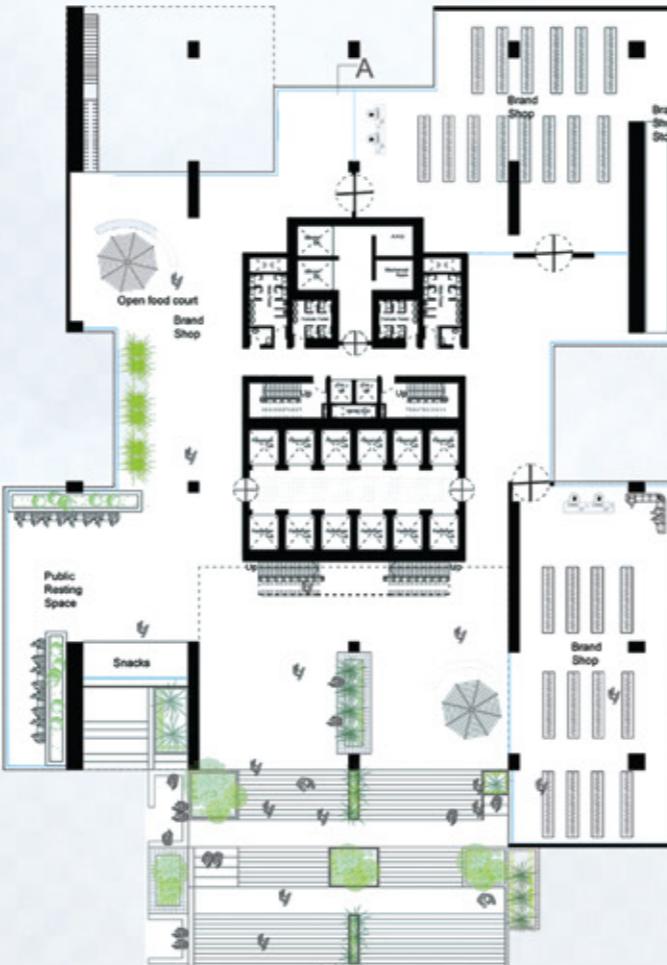


Solidity in Massing

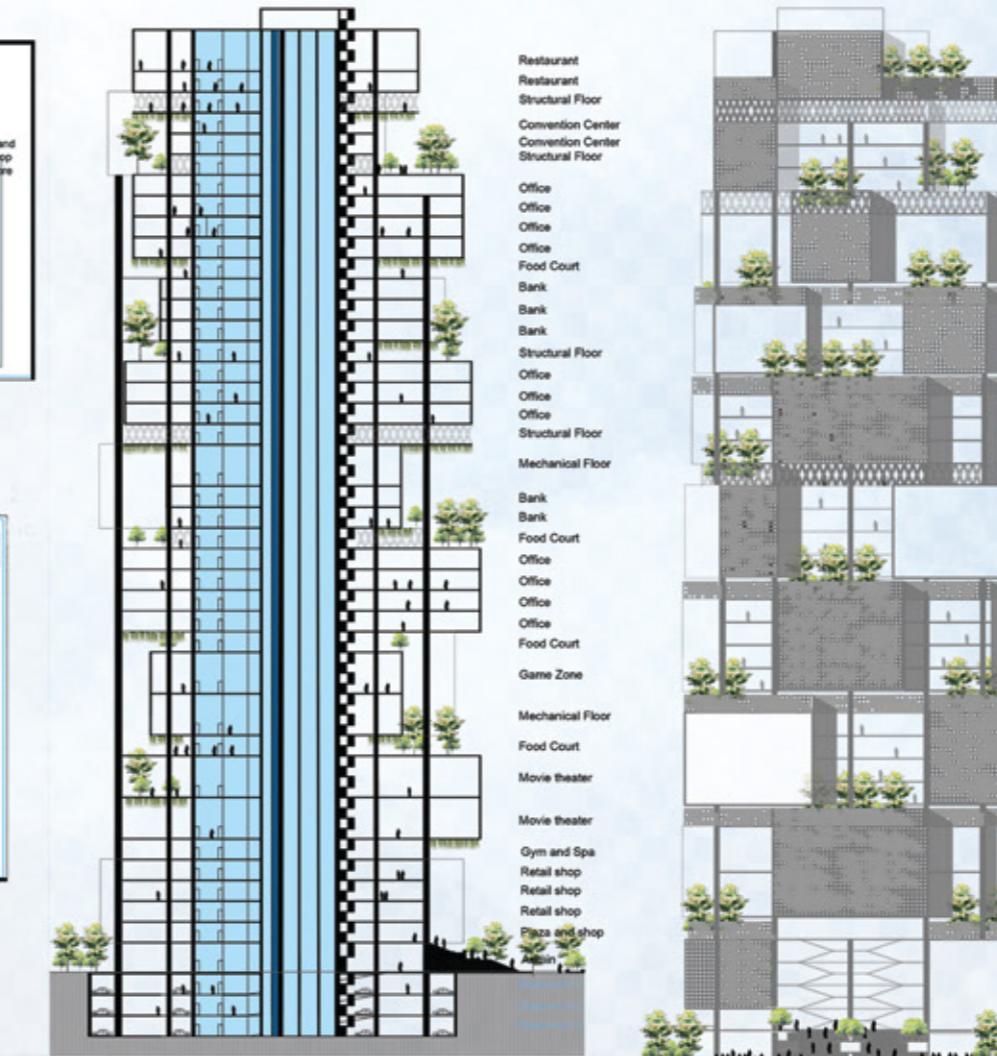




## GROUND FLOOR PLAN



## FIRST FLOOR PLAN



## SECTION AA



### FRONT VIEW



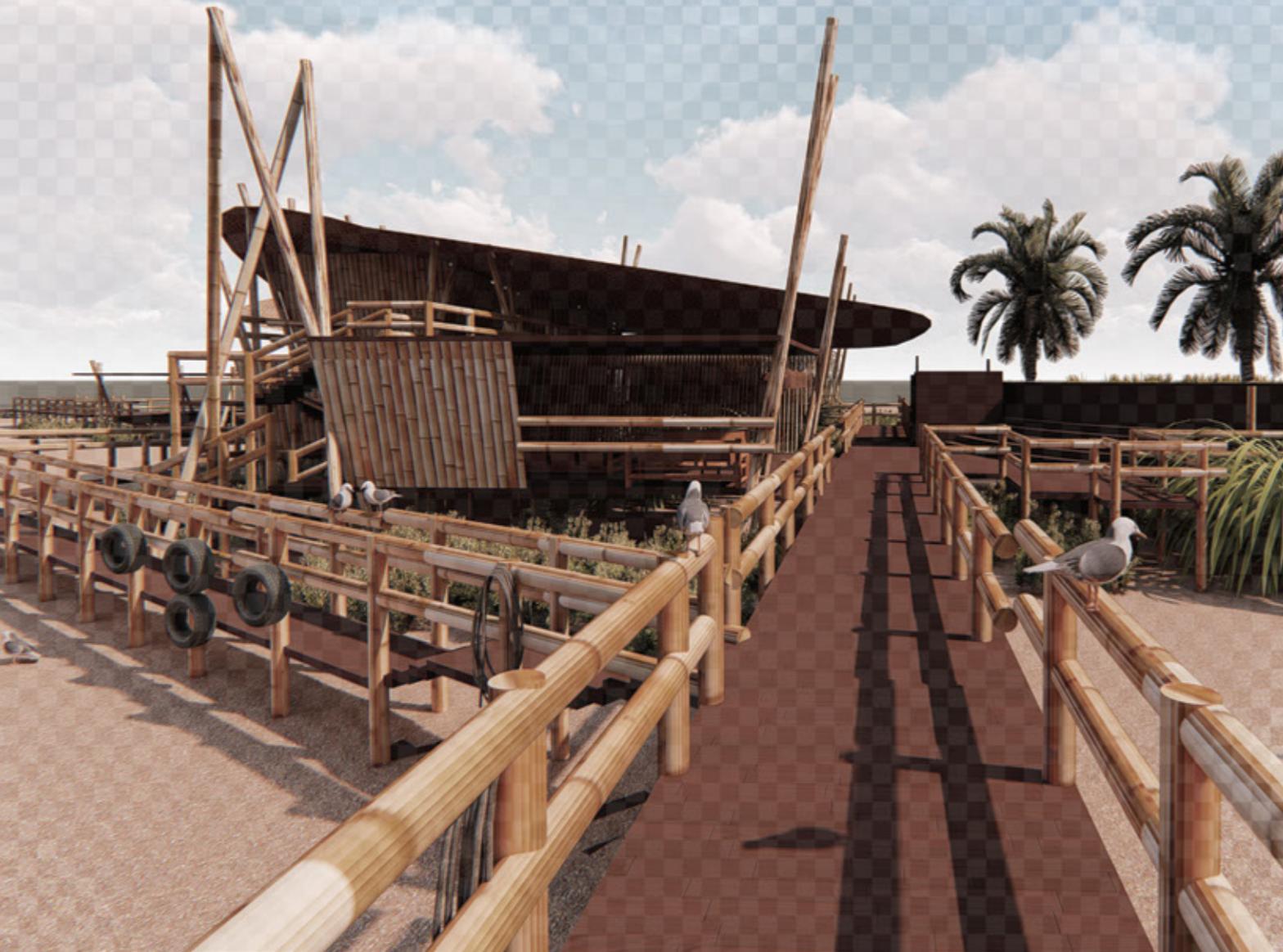
DESIGN  
SITE:DHAKA



# DESIGN OF A Nature Interpretation Center

This project was about to design a nature interpretation center as to practice structural innovation in the design .The design had to be in a natural site where the project will be part of natural conservation study of that particular site and the project will have minimum negative impact in the nature .

Studio 3.2  
Duration : 7 weeks



## Site : Cheradwip, Saint Martin

Cheradwip situated in the most-northern part of Saint Martin's Island. This part of the island has a rich and distinctive bio diversity . The site is full of resources like 6 species of turtle, 25 species of birds and 200 species of coral with many mangrove plant and cactus .

Choosing this site for my project is to draw attention toward protecting our coral reef and to encourage the study and research on them .

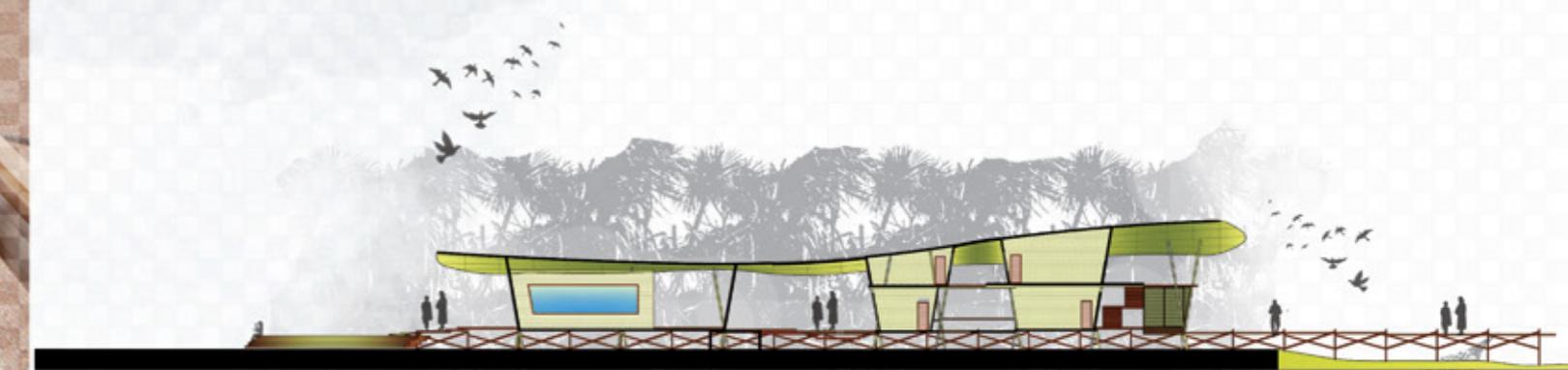
## Spacial Inspiration : Coral Reef

The spacial Organization of the project is inspired by the coral reef formation .



## Structural Inspiration : Keya Tree

Keya Tree is one of the distinctive feature in the coral reef islands of Bangladesh . The tree has Roots upward to the ground, supporting its branches and whole upper part during the high tide and low tide .



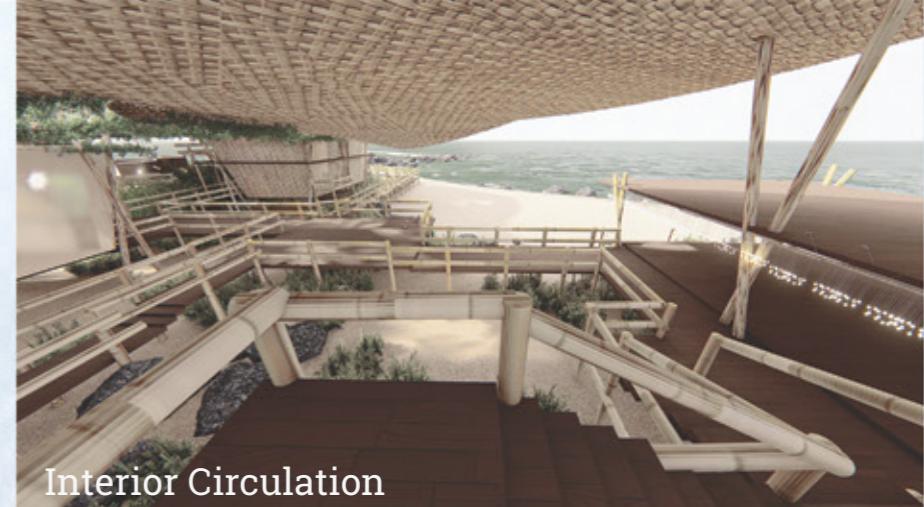


Interior of the Cafe

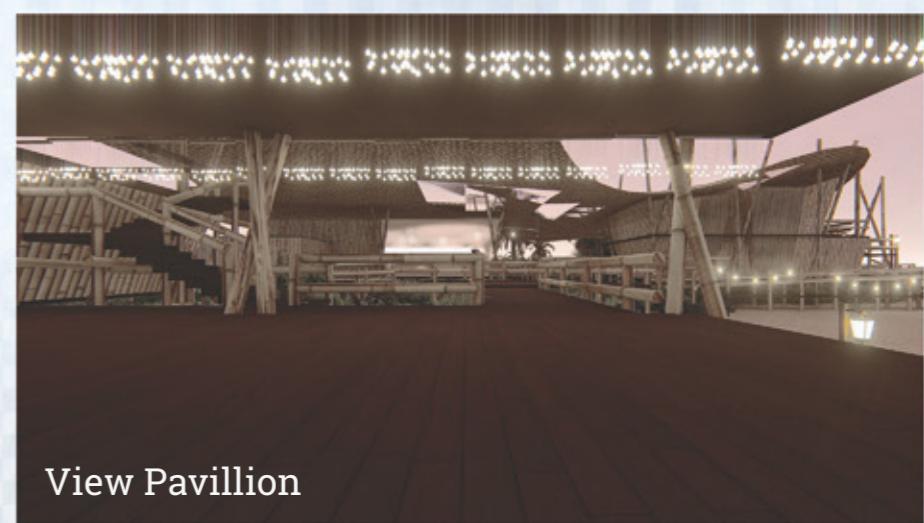
The project had functions like viewing decks , cafeteria , exhibition platforms for the visitors and tourist . I designed those space as open pavillions where they can enjoy maximum view

There also accomodation and research facilities for the researchers .

The whole design was uplifted from the ground and the circulations was also elevated so that the rich groundcover of this site will remain unharmed .



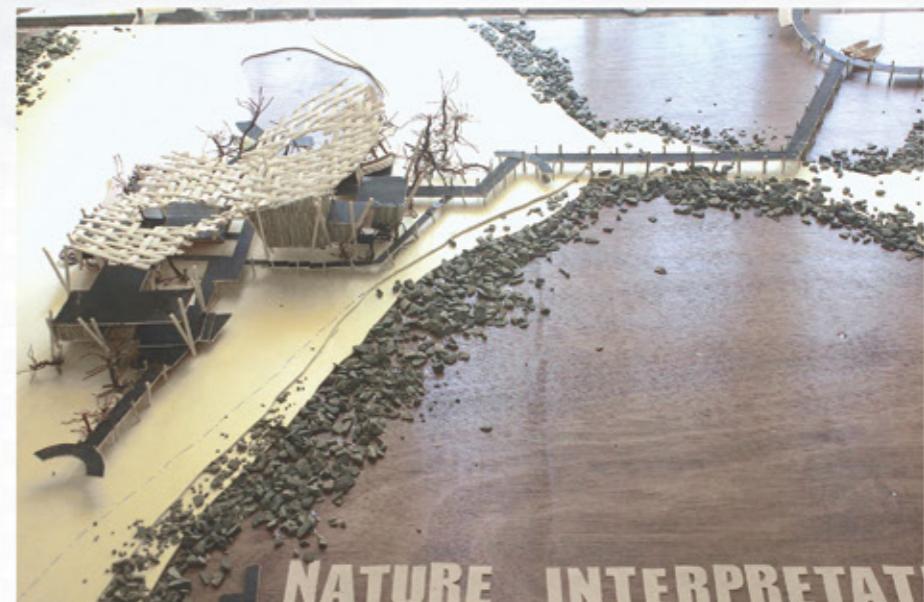
Interior Circulation



View Pavillion



Accommodation Area



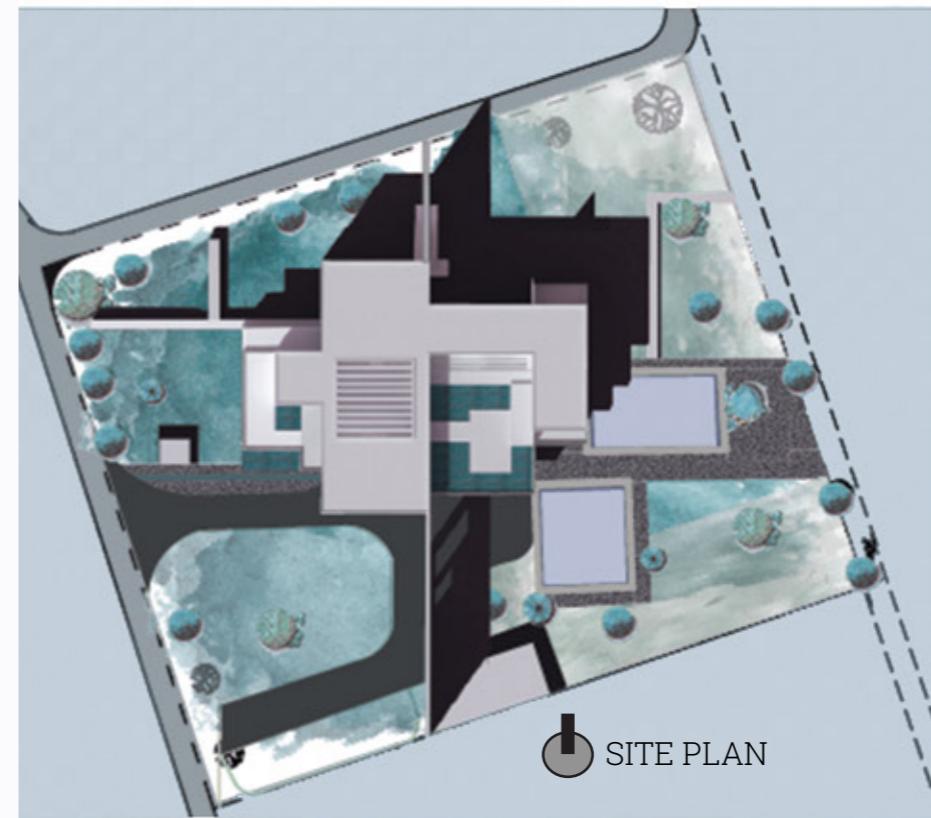
NATURE INTERPRETATION

# DESIGN OF A Vice Chancellor's Residence

This project was about to design a residence for vice chancellor of ruet , considering climatic features and the functional requirements , that a residence of vice chancellor should have .

Studio 2.2

Duration : 10 weeks



## Site Considerations :

The site was provided into RUET, Rajshahi. The climatic condition of this region was warm-humid and the site was full of natural vegetation

## Environmental Considerations :

As the purpose of the project is to design the building with one environmental consideration, I focused to on thermal buffering through green wall .



## Mass Generation :

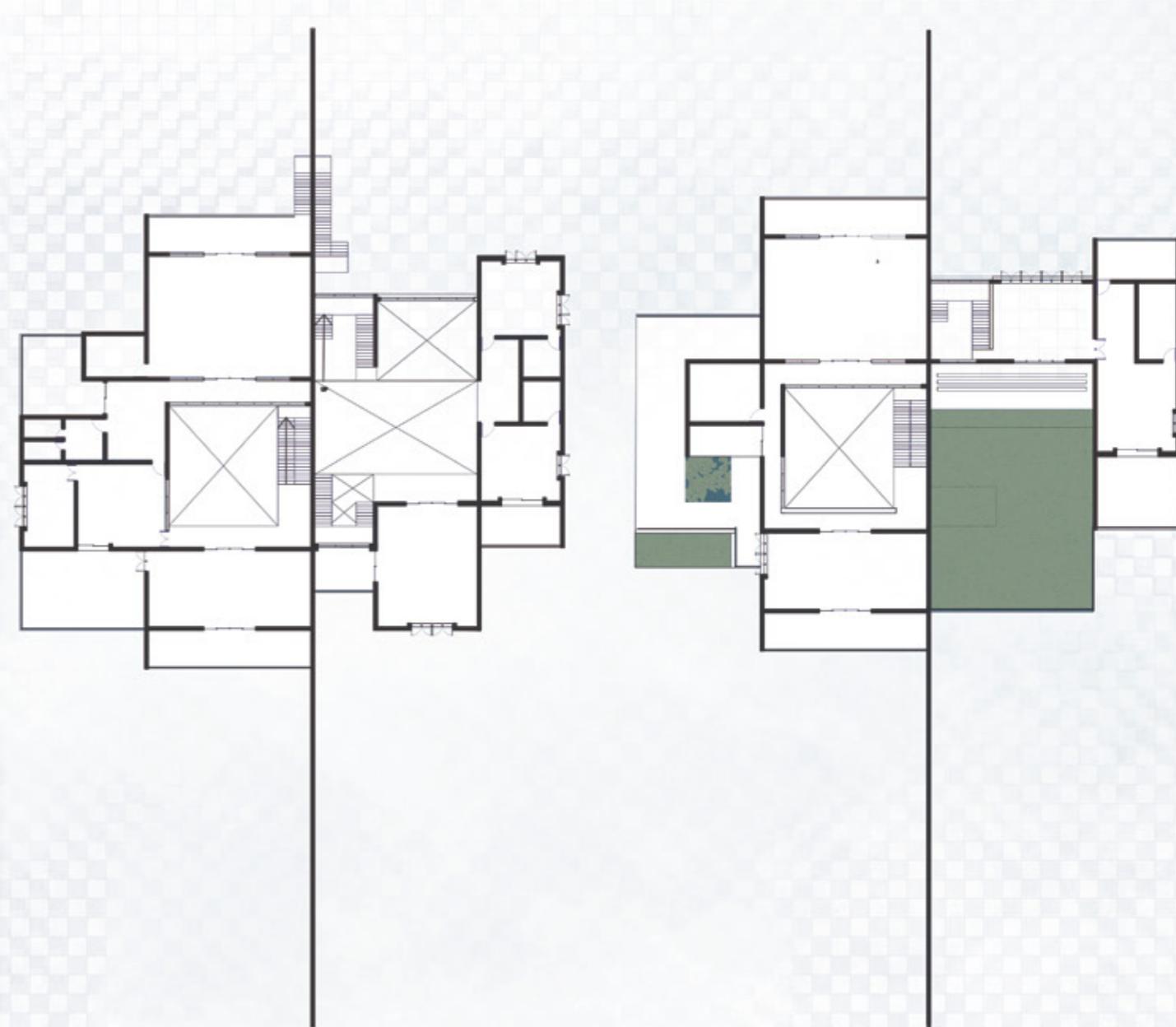


Exterior of Residence Part

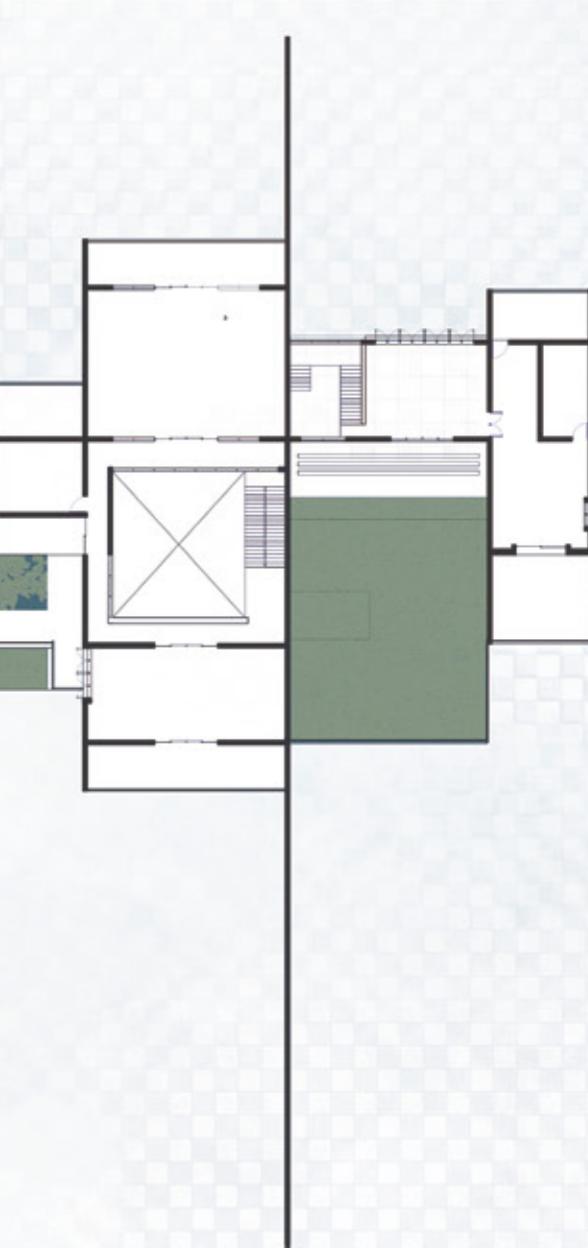
The main mass is divided into two basic zone,Residential zone and the Office zone.



GROUND FLOOR PLAN



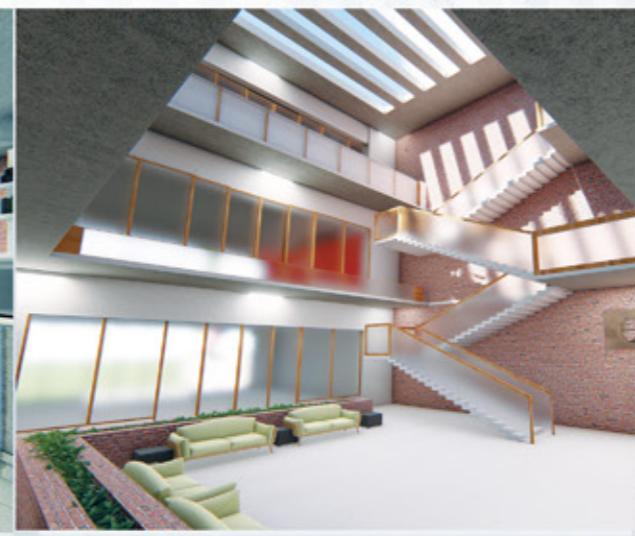
FIRST FLOOR PLAN



SECOND FLOOR PLAN



Interior in Residence Part



Interior in Office Part

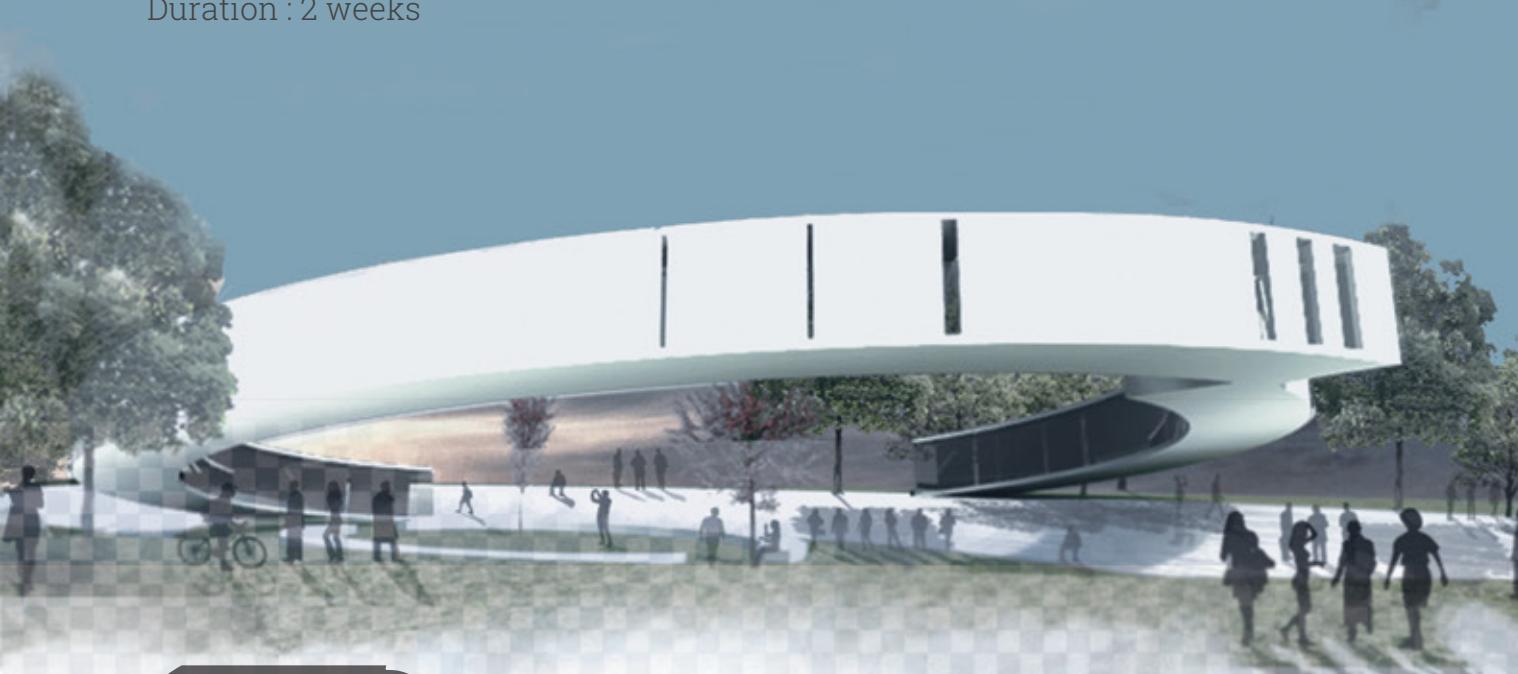


# PLACE FOR CONTEMPLATION

## Memorial for Zahir Raihan

This project was about to design a conceptual place from a concept and it's purpose was to generate a form from the concept .

Studio 2.1  
Duration : 2 weeks



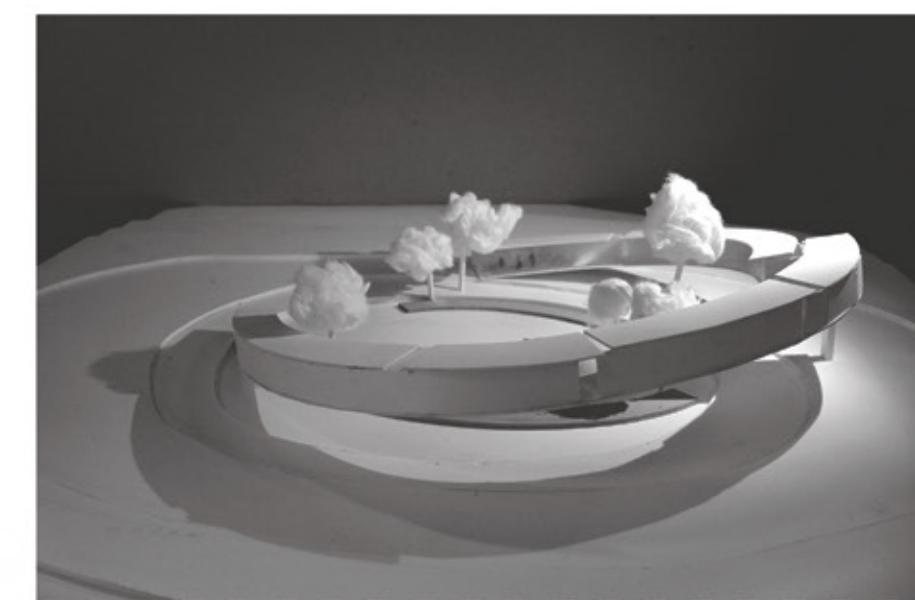
### Concept Generation :

I had to design a place , which was a memorial , and designed the memorial for famous author and movie director late Zahir Raihan.

I worked with the philosophy of the author on HUMANISM ,and how his philosophy was reflected in his works and inspired the Liberation war, 1971.



Interior View



**Form Generation :**



The ring centered the huminity symboling the society.

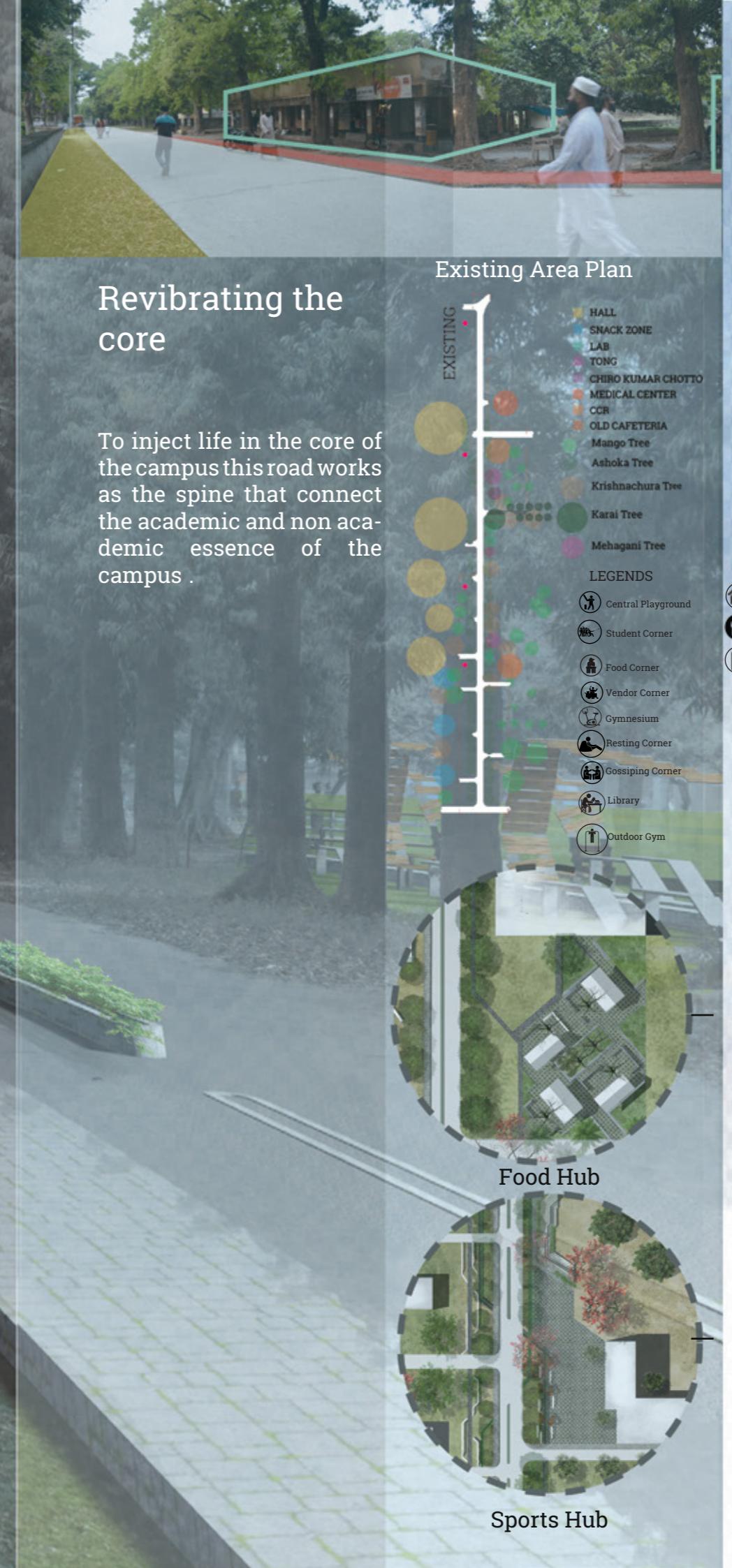
The shifted joining is to create the drama, to memorize the tragic missing of this great author.

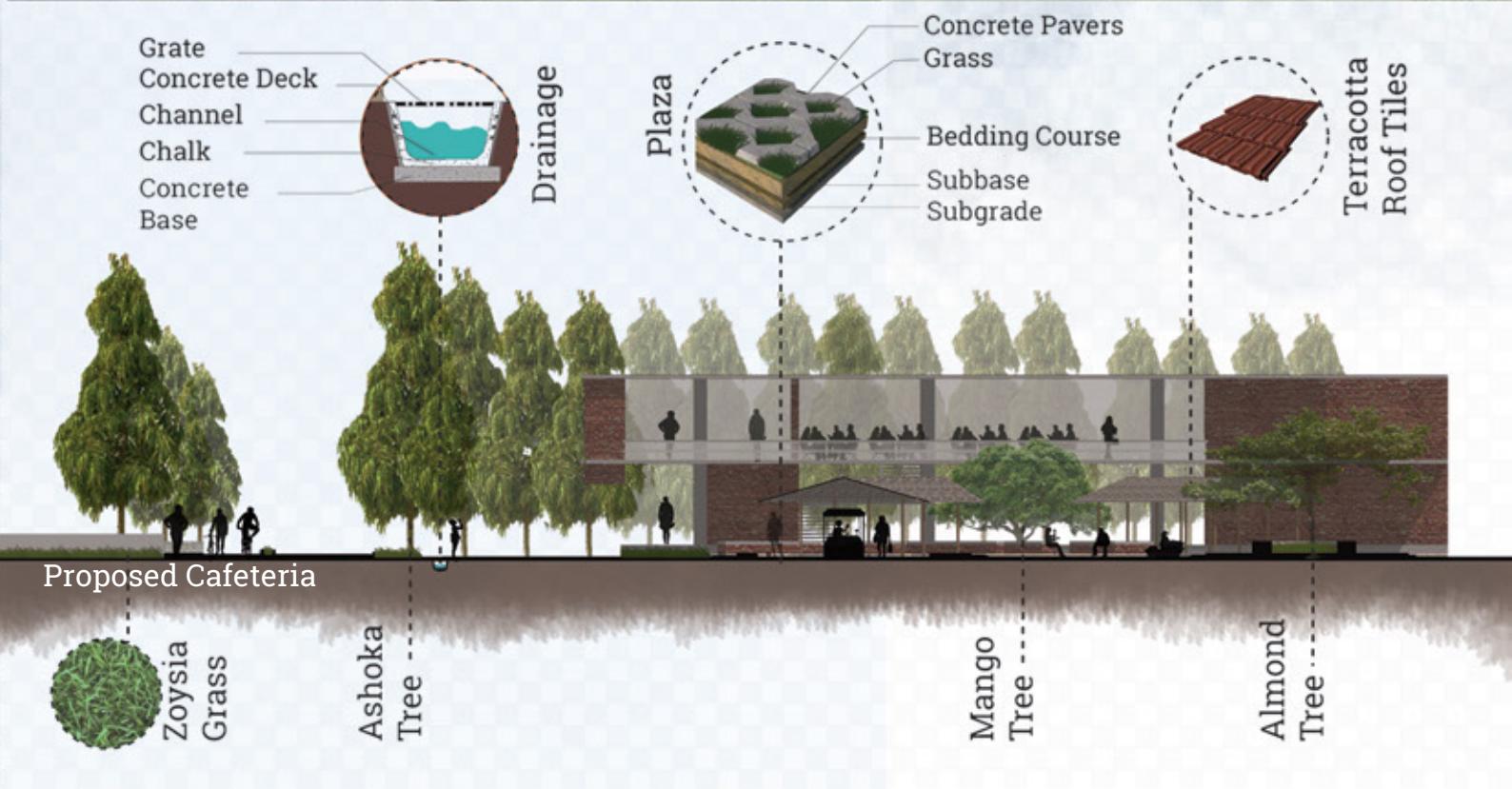
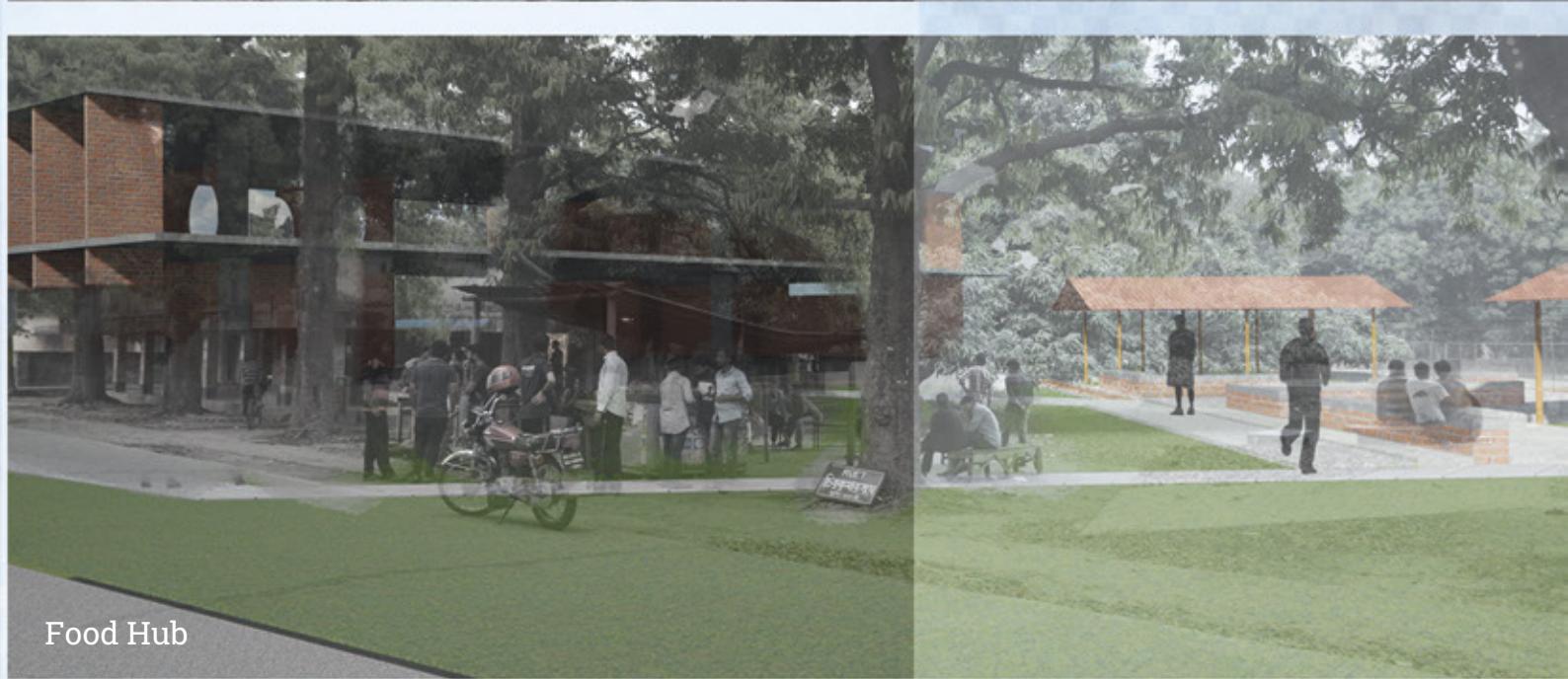
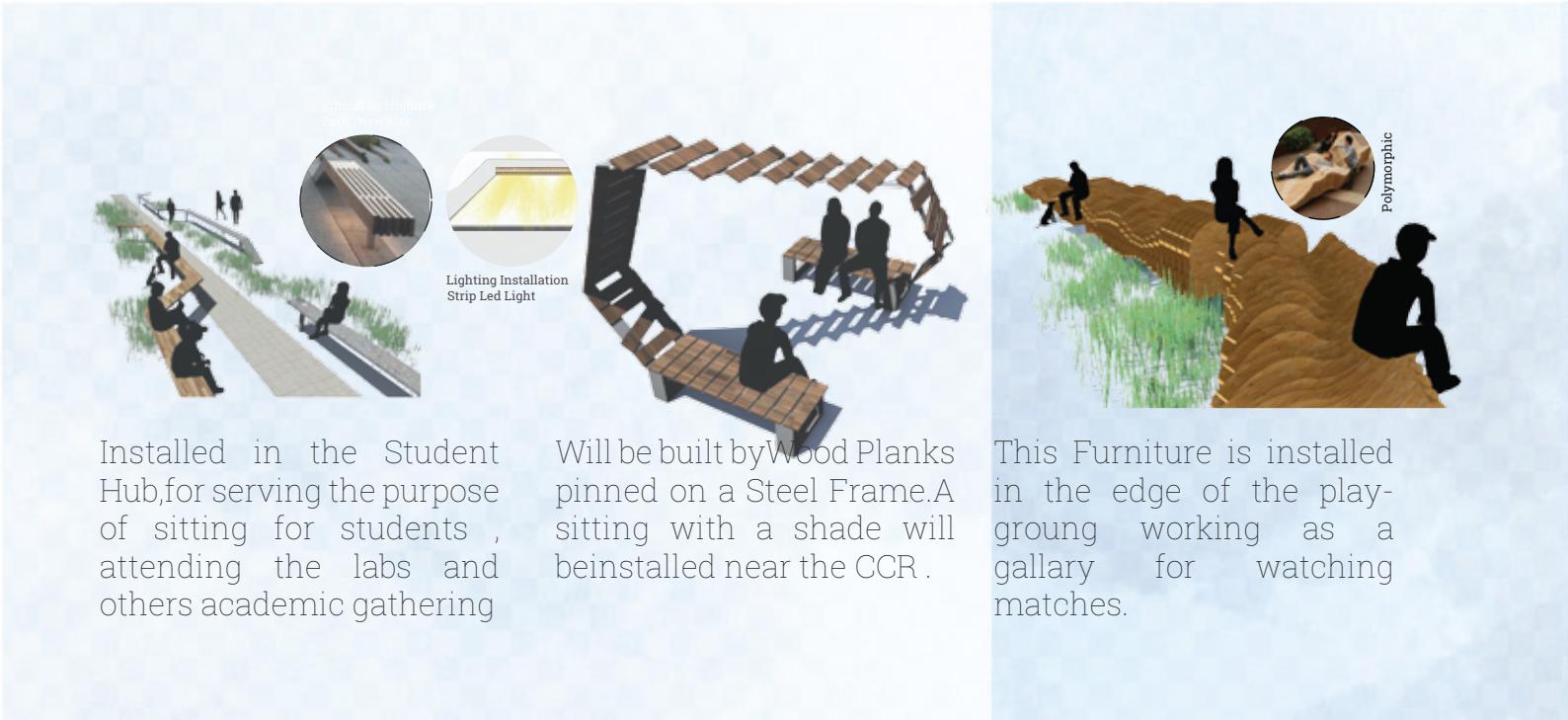
Then it is divided into two parts .Small one symbolizing the shorter life of author and the bigger part .

# Landscape Design Designing RUET Campus

This project was practiced as a part of landscape design studio , where the students had to design the landscape of different area of RUET campus. The project was practiced in groups and the task of my group was to design the landscpe of the road between the student halls and central field .

Studio 4.2  
Duration : 13 weeks





## Interior Design

# Showroom Design

This project was practiced as a part of interior design studio , where the students had to design interior space for restaurant or a showroom . It was practiced in groups of 3 members and my group was choosen to design a showroom .

Studio 4.1

Duration : 13 weeks



## Leather Product Showroom

Concept : Ancient Cave

Ancient people used leather as their basic clothes . But with the changing time Leather products have become a matter of Luxury.

Recognizing the importance once Leather product held in our lives, we tried to create an environment of ancient caves of primitive people to represent the history of using leather and how it contrasts now.



Scheme : Shades and Tints of Brown

Ground Floor



Section



First Floor View



## Competition Entry

# Multi-Comfort House

### Student Contest Edition 2017

The task for 13th International Edition of MULTI COMFORT HOUSE STUDENTS CONTEST developed by ISOVER in close collaboration with Department of Architecture of Municipality of Madrid is the Urban Regeneration of a community within the perimeter of Gran San Blas area of Madrid .

Site : Madrid , Spain

Award : 3rd Position , Online Entry Stage .

Teamed With :

Masum Billah Tarafder .

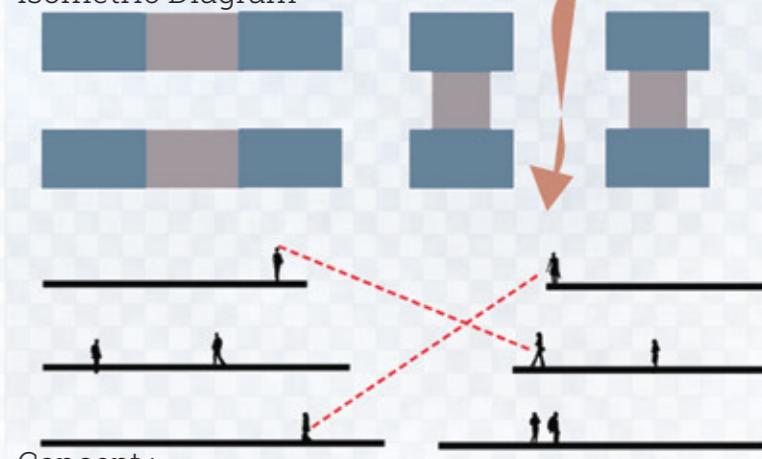
Khandakar Rabita Nourin ;



We had to create a sustainable architecture integrated into the urban space while responding to MAD-RE and Saint-Gobain MULTI COMFORT Criteria and taking into account the climatic conditions and regional context of Madrid.

Beside constructional, the social and economic aspects also have to be considered and respected and the proposed solution should give a new impulse in the existing urban area.

Isometric Diagram



Concept :

As the connection between two building were weak, we focused on how to increase the interaction between two buildings visually and socially .

We split the existing building .rotate the middle part and adjust them into corner wings .



Seychelles



## Travelling & Photography

Travelling around and capturing are the hobbies I developed to nurture my soul as it also helps me to see through the lives of the people. I also developed flexibility of living through this travelling.

As my family is supportive to my work, I can manage myself to work at any place and in any situation where the things might not be in my favour.

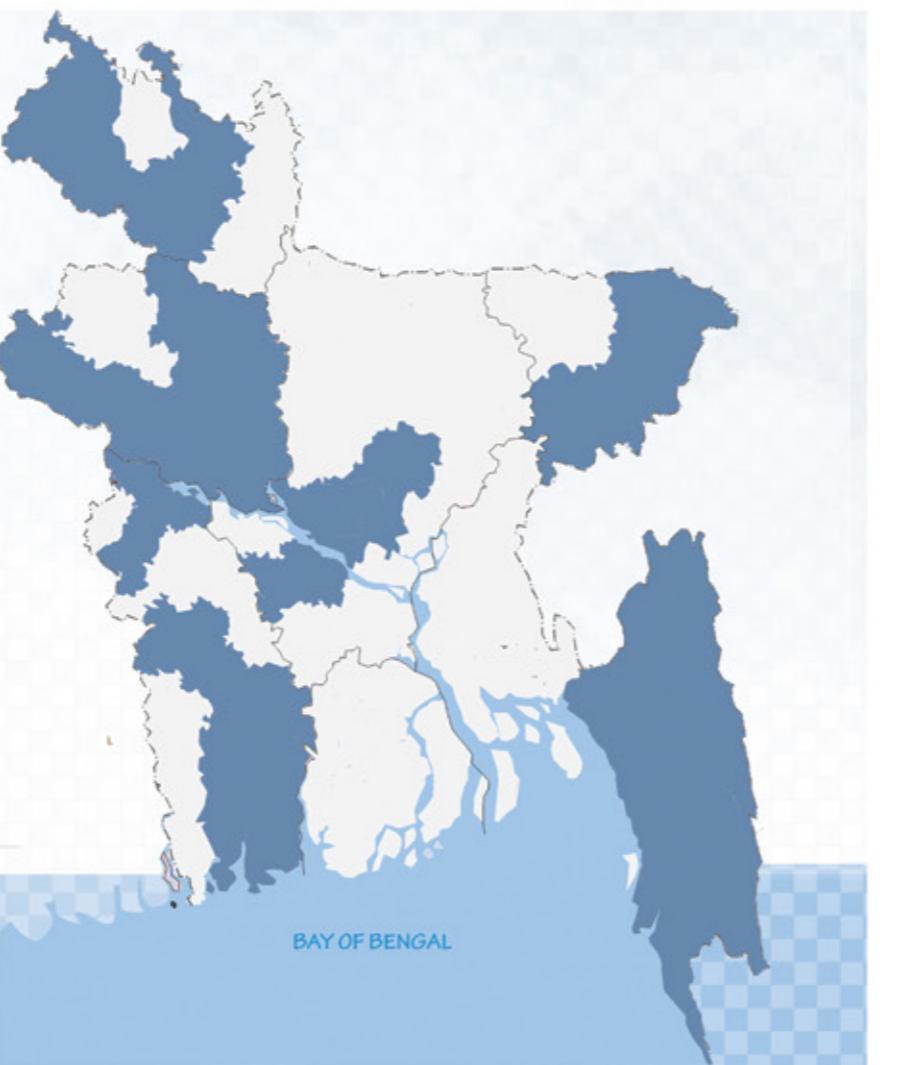
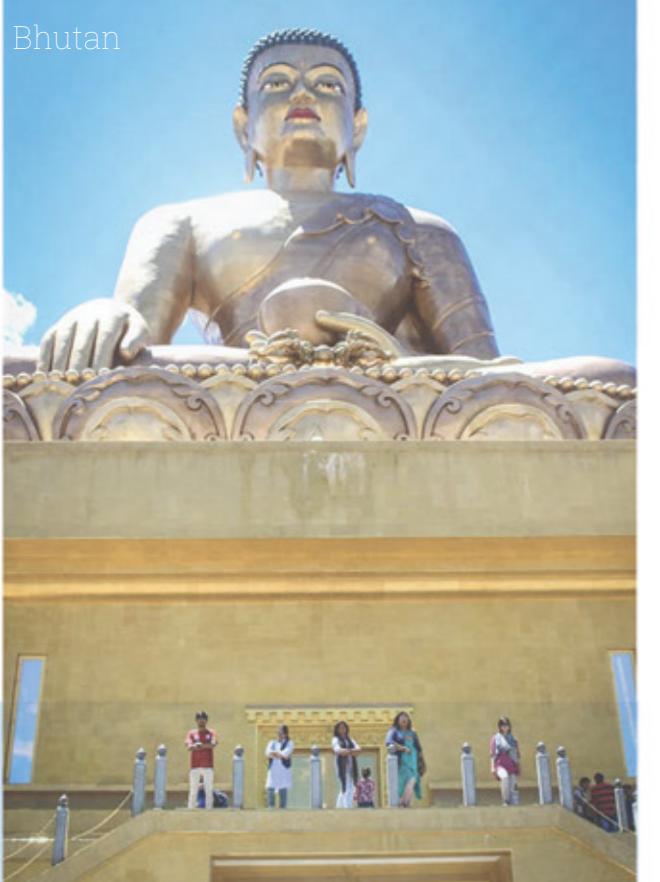
To me, the best way to know the culture by being with the people and to know the culture and its origin.

India



Places I've been .

Places I've yet to see.



## Workshop

This workshop was held in Bangalore, India on biomimetic architecture. Though my interest grew in urban and community architecture, I always love to explore other wings and to learn new design medium.

