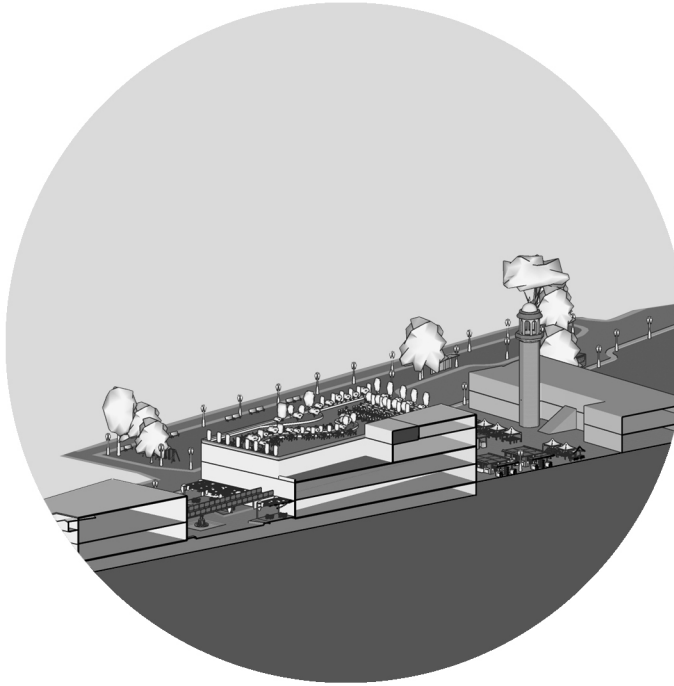
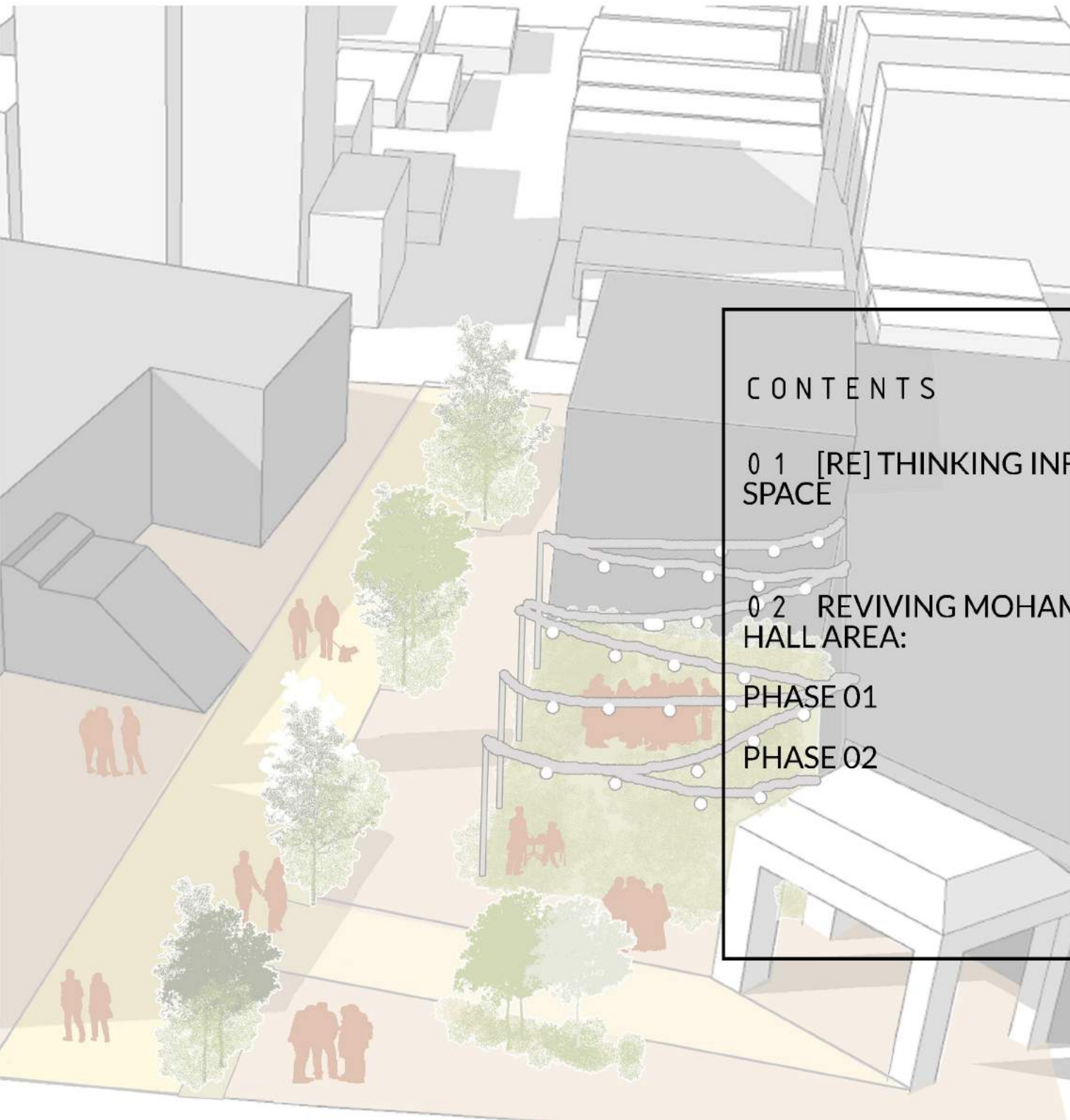




SADIA ISHTIAQUE  
1 7 3 0 8 0 1 5

PORTFOLIO  
ARC401

SPRING 2021  
DESIGN VII



## CONTENTS

PG NO

01 [RE]THINKING INFORMAL PUBLIC SPACE

3 - 7

02 REVIVING MOHAMMADPUR TOWN HALL AREA:

PHASE 01

8 - 16

PHASE 02

17 - 22

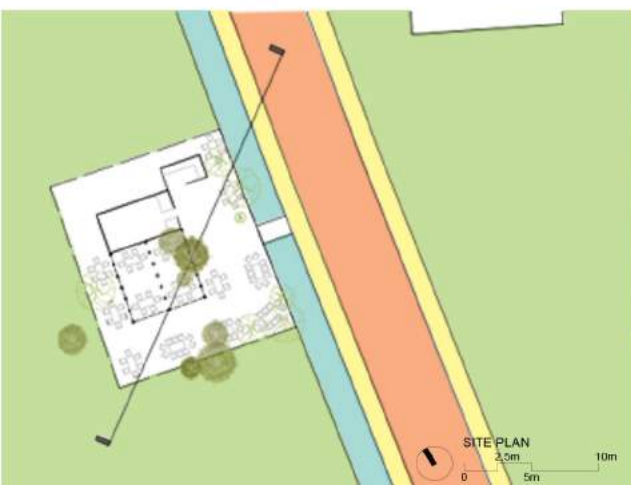
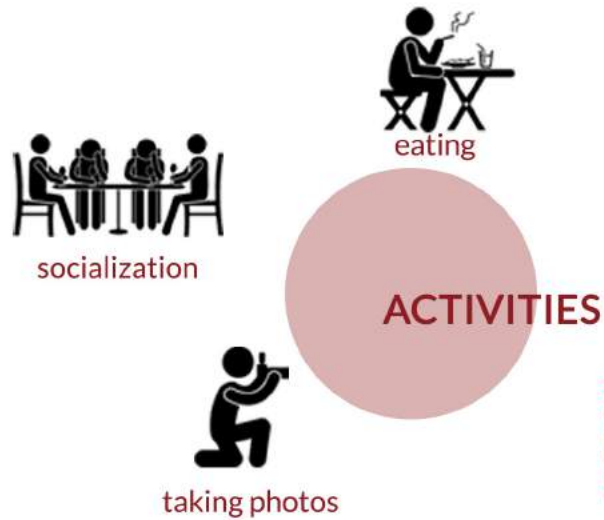
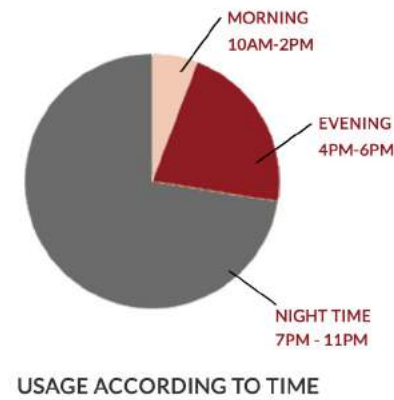
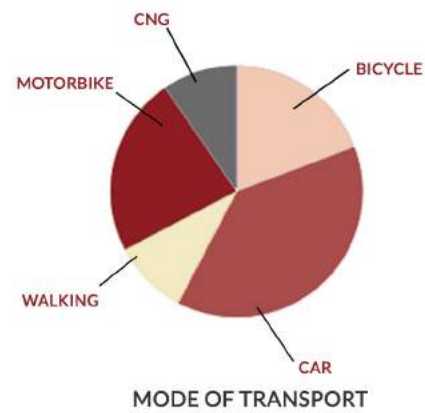
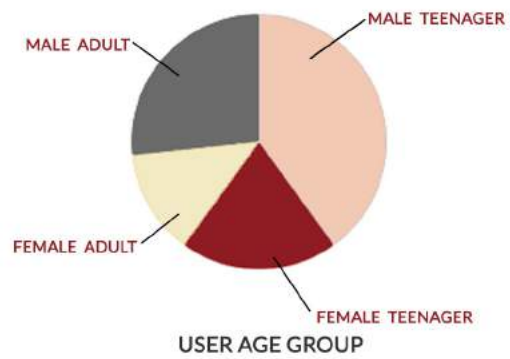
# 01 [RE] THINKING INFORMAL PUBLIC SPACE FOR SOCIALIZATION CONSIDERING THE SOCIAL DISTANCING

This project focuses on re-designing an open space that is used by the student for socialization with friends, neighbors and with 'mamas' - cha-wala, adda spaces, play spaces etc.

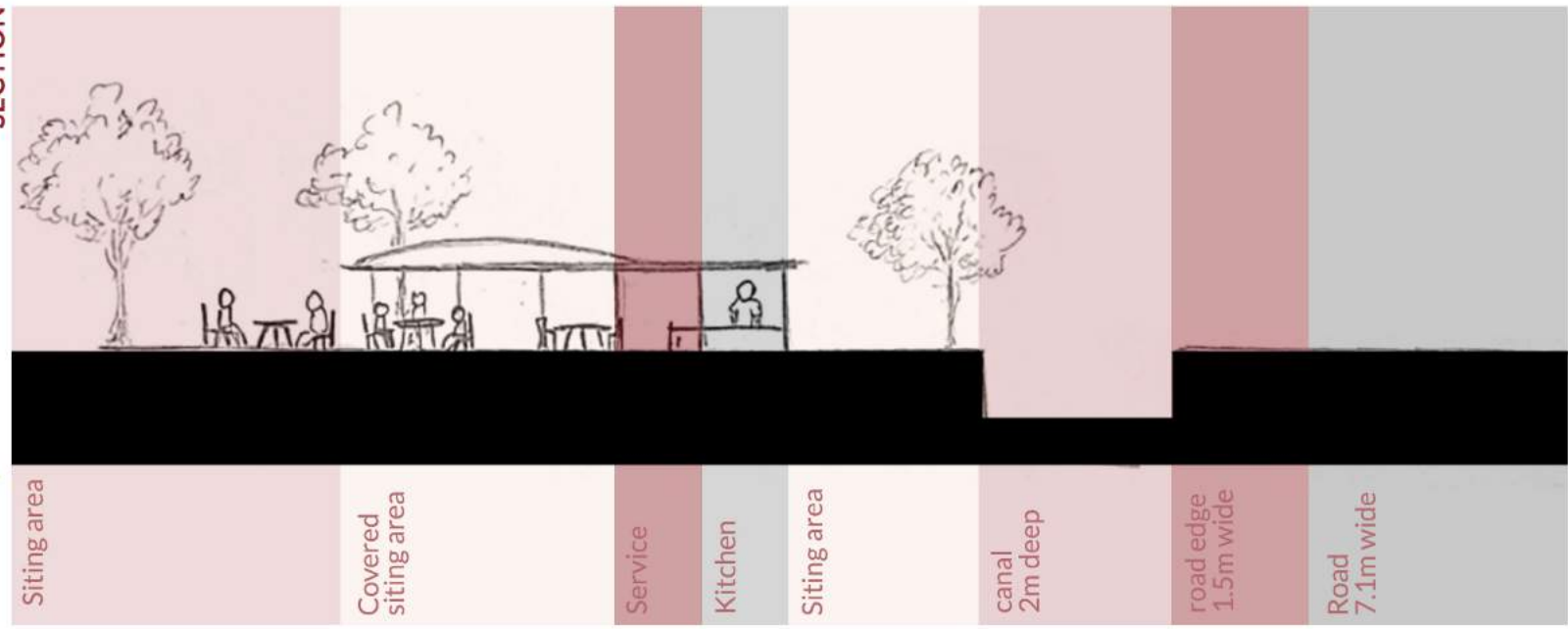
Considering the Covid-19 situation; social distancing, occasional lock down, and respond of other users, learners are also advised to re-think the space and to design accordingly.

MANNAN TEA STALL  
Airport Road, Sylhet



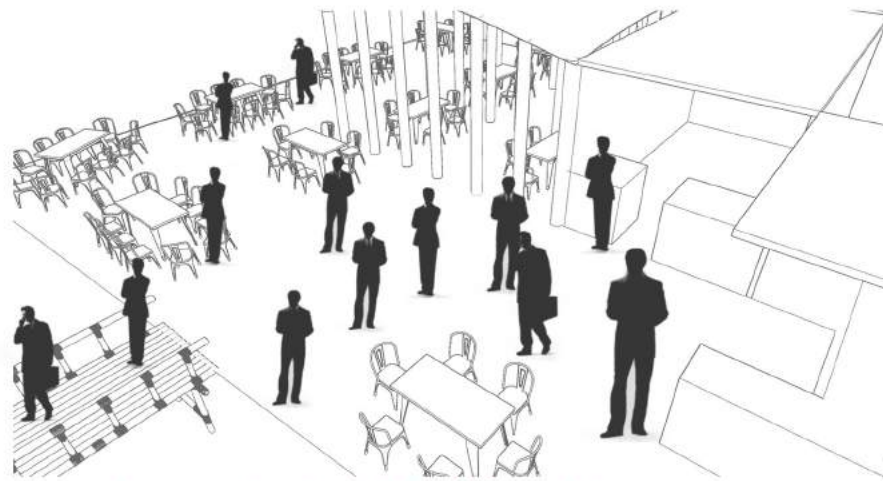
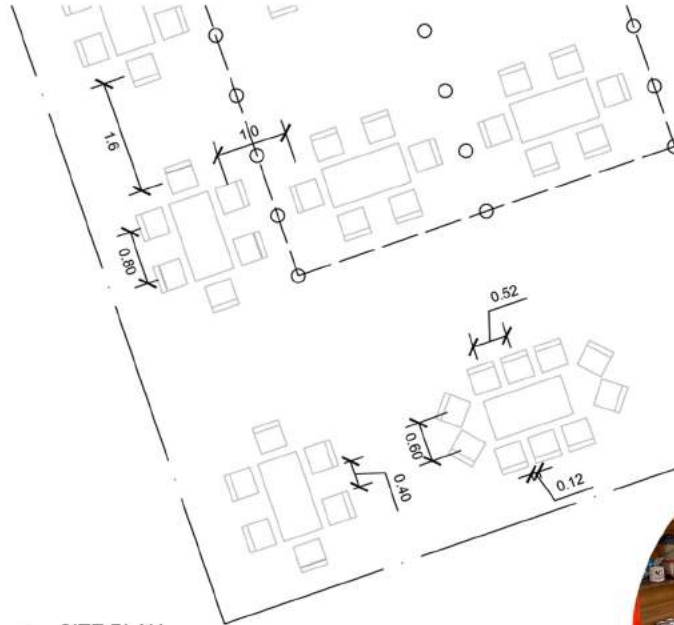


**SECTION**



# ISSUES

1. CLUSTERED SITING AREAS :  
social distance is not  
being maintained



2. ONE SINGLE SERVED AREA :  
customers cause overcrowding,  
risk of infection increases



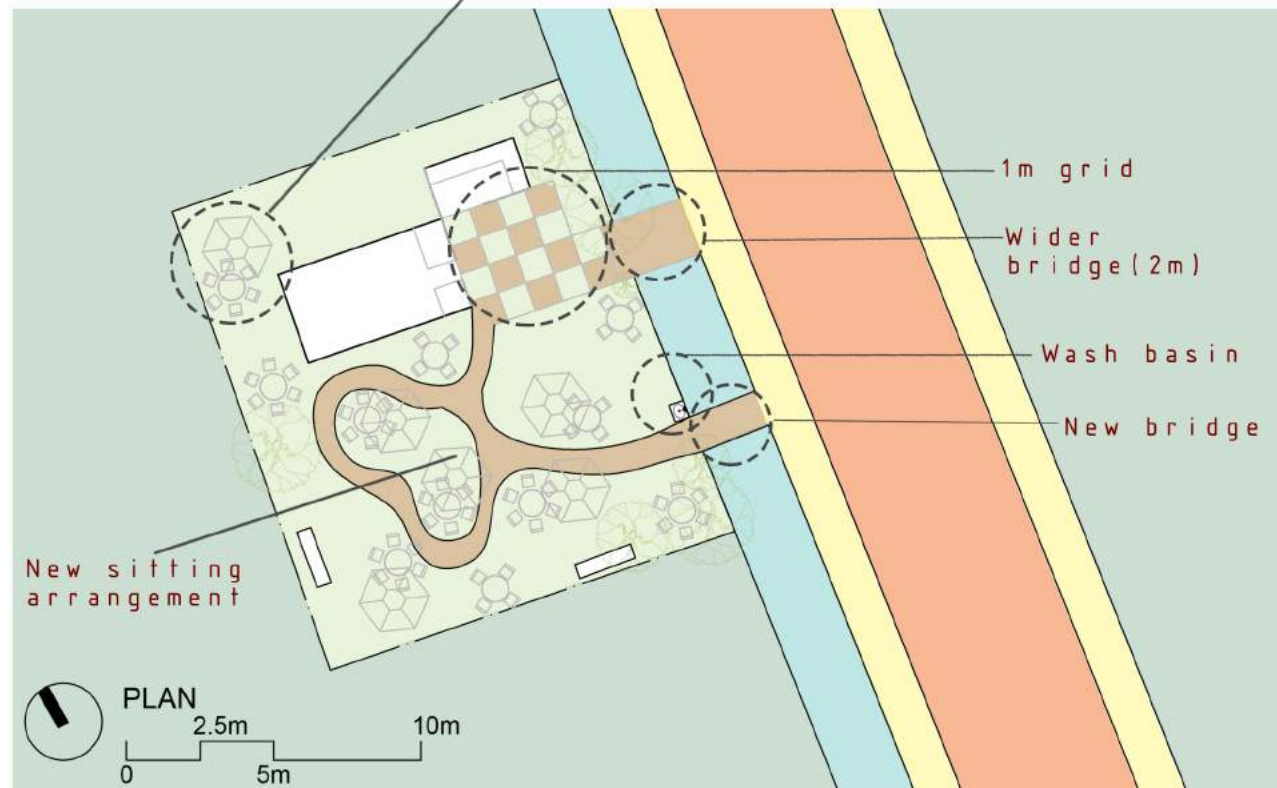
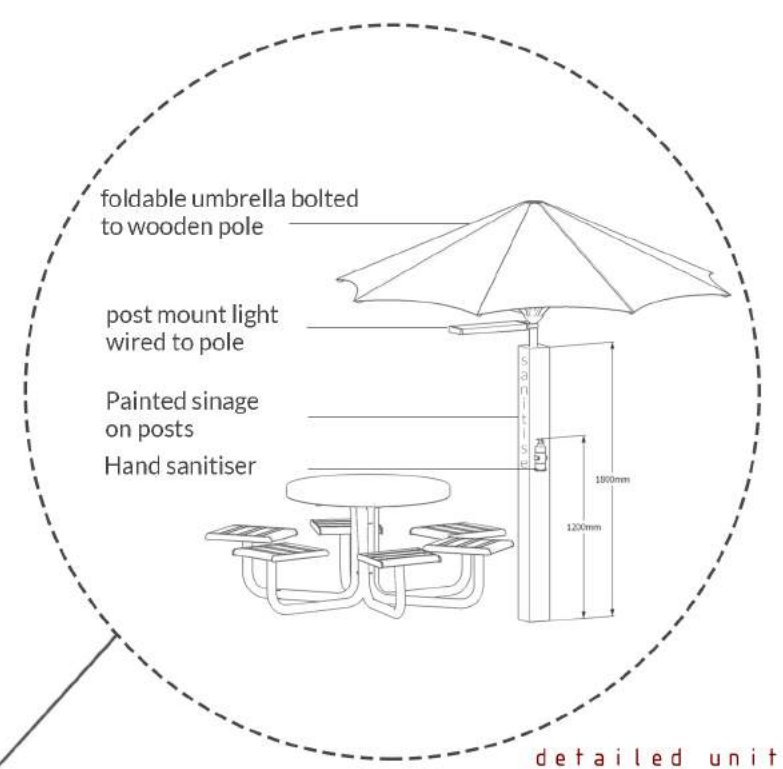
3. LACK OF PROPER ACCESSIBILITY :  
Compared to the size of the project's  
site there are not enough entry  
points, this causes a queue &  
the bamboo bridge is risky to use  
for people with wheelchairs



4. LACK OF HANDWASHING AREA:  
people cannot maintain cleanliness  
risk of getting infected while  
eating increases.

# DESIGN STRATEGIES

1. REARRANGE SITING AREAS:  
fixed tables and chairs are used,  
they are placed atleast  
1.2m away from each other
2. USE OF 1M GRID IN THE SERVED AREA:  
people will stand in queue in the colored  
tiles, so they will have a gap of 1m  
between each other, social distance will  
be maintained
3. ADDITION OF HAND WASHING AREA AT THE ENTRANCE:  
people will wash their hands upon entering  
which is more likely to kill the germs
4. ADDITION OF UBRELLAS & SANITISERS:  
there will be sanitisers on the  
umbrella poles, for the public to  
disinfect themselves
5. ADDITION OF A WHEELCHAIR  
FRIENDLY ACCESS :  
the bridge will be made with  
smooth wood, so wheelchair can  
glide easily.



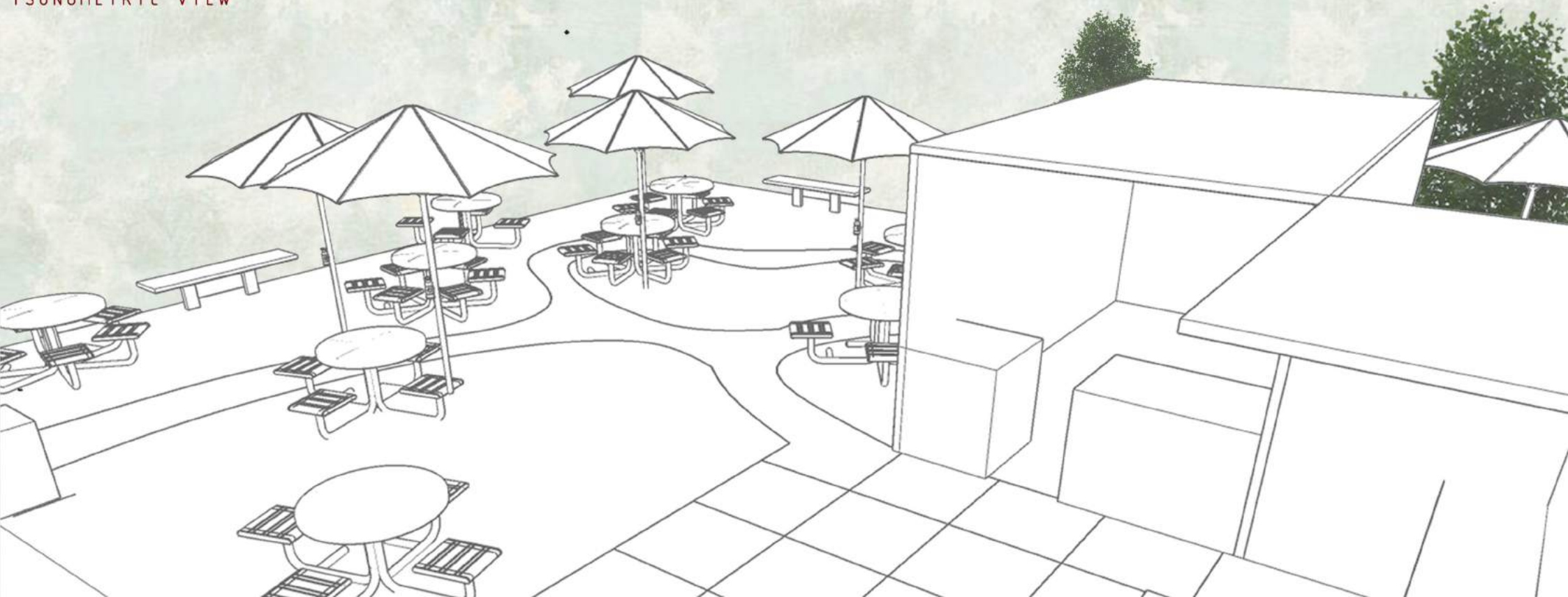
PRE COVID



PROPOSED DESIGN



ISONOMETRIC VIEW



## 02 REVIVING MOHAMMADPUR TOWN HALL AREA: IDENTITY OF A PLACE



### PHASE 01:

DETAIL INVESTIGATION OF THE BUILT AND SOCIAL ENVIRONMENT  
AND PREPARING THE PROPOSAL FOR THE AREA

### PHASE 02:

DETAIL DESIGN PROPOSAL OF THE BUILT ENVIRONMENT

DURATION: 10 WEEKS

THE OBJECTIVE OF THIS PROJECT WAS TO DERIVE STRATEGIES AND POLICIES TO CATER TO THE NEED OF THE DIFFERENT SOCIAL CLASSES FROM BOTH THE KITCHEN MARKET AND FORMAL RETAIL STORES, ALONG WITH CREATING A BALANCE BETWEEN COMMERCE AND COMMUNITY IN THIS PUBLIC PLACE

# MOHAMMADPUR TOWN HALL

PHASE 01

BROADER SCALE

## FUNCTIONS

- KACHA BAZAR
- MOSQUE
- MARKET
- PLAYGROUND
- PARK
- DRY MARKET
- WET MARKET

DETAILED VIEW

## GROUND FLOOR CONSISTS OF :

- ELECTRICAL MARKET
- COBBLERS
- TAILORS
- STATIONARY SHOPS
- PHARMACY
- CLOTHING STORES
- FRUIT MARKET
- FISH/CHICKEN MARKET
- NOTARY PUBLIC SHOPS

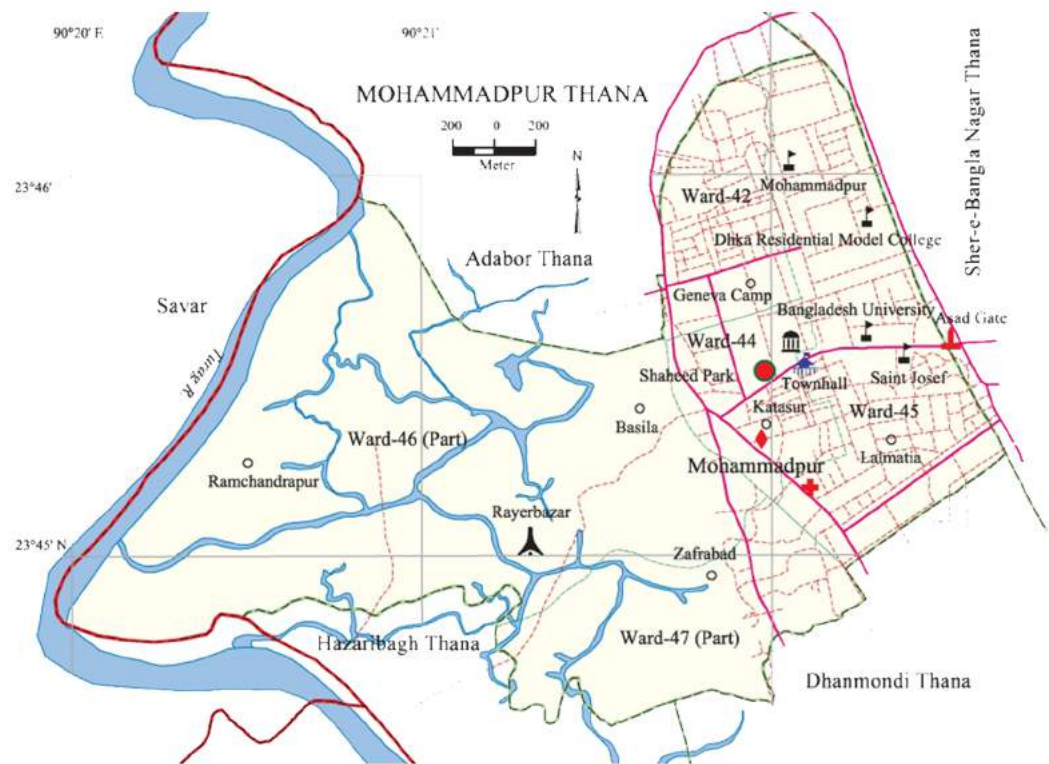
## FIRST FLOOR CONSISTS OF :

- LAWYERS OFFICE
- COMMISSIONER OFFICE
- STATIONARY SHOPS

## HISTORY OF THE AREA :

ORIGINALLY WAS A WHEAT FIELD  
THIS BAZAAR STARTED AFTER INDEPENDENCE  
AND HAS BEEN ADMINISTERED AND EXTENDED  
BY THE CITY CORPORATION.  
CONSISTS OF :  
IYUB GATE NOW ASAD GATE , BIHARI CAMP .

MOHAMMADPUR AREA HAS A GOOD PERCENTAGES  
OF SHIA MUSLIM PEOPLE .

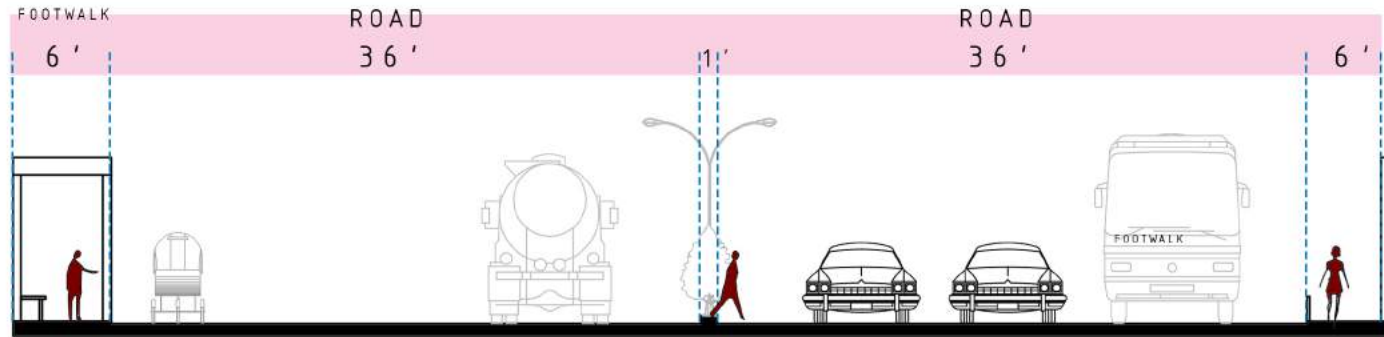


# ROAD TYPOLOGIES

## PRIMARY ROADS: MIRPUR ROAD

### 3 LANES

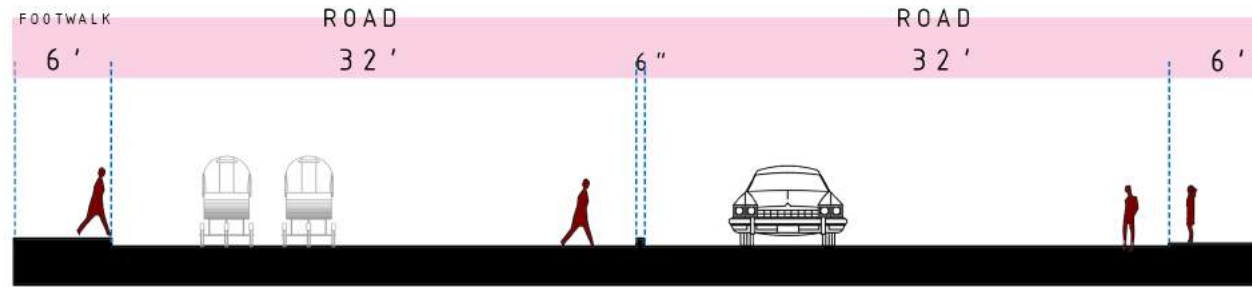
- \_FOOTPATH-BENCHES, SHOPS
- \_BARRIER TO SEPARATE ROAD & PEDESTRIAN
- \_MOSTLY USED BY CARS, BUS, LORRY, TRUCK



## SECONDARY ROAD: ASAD AVENUE

### 2 LANES

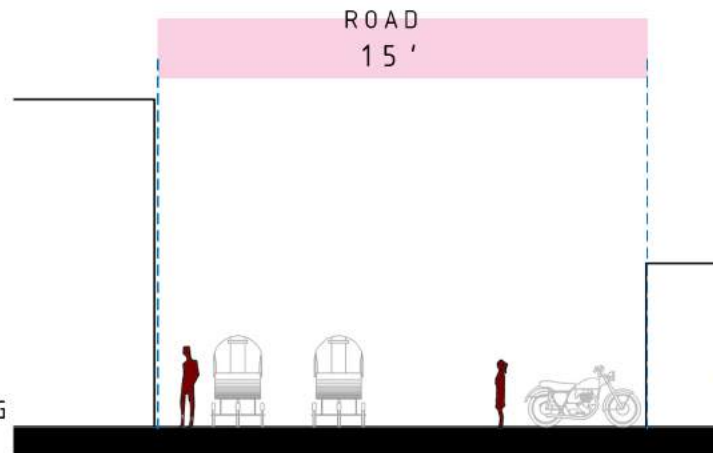
- \_FOOTWALK FOR PEDESTRAIN MOVEMENT/BIKE MOVEMENT
- \_RICKSHAW/CARS/CNG DOMINATE THE ROADS



## TERTIARY ROAD: AZAM ROAD SHER SHAH SURI RD

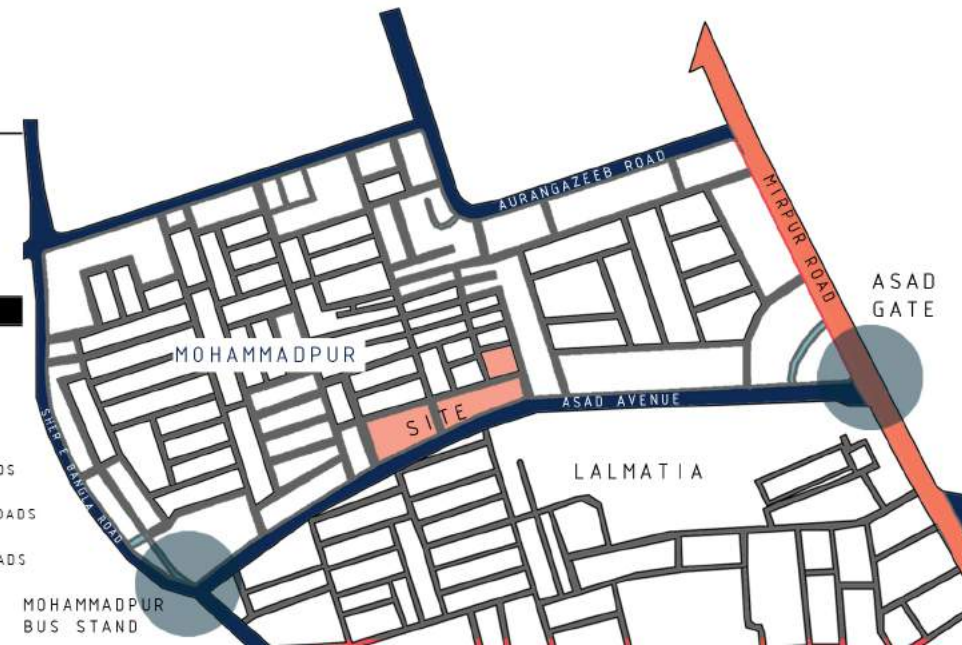
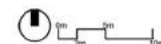
### NO DISTINCTIVE LANES

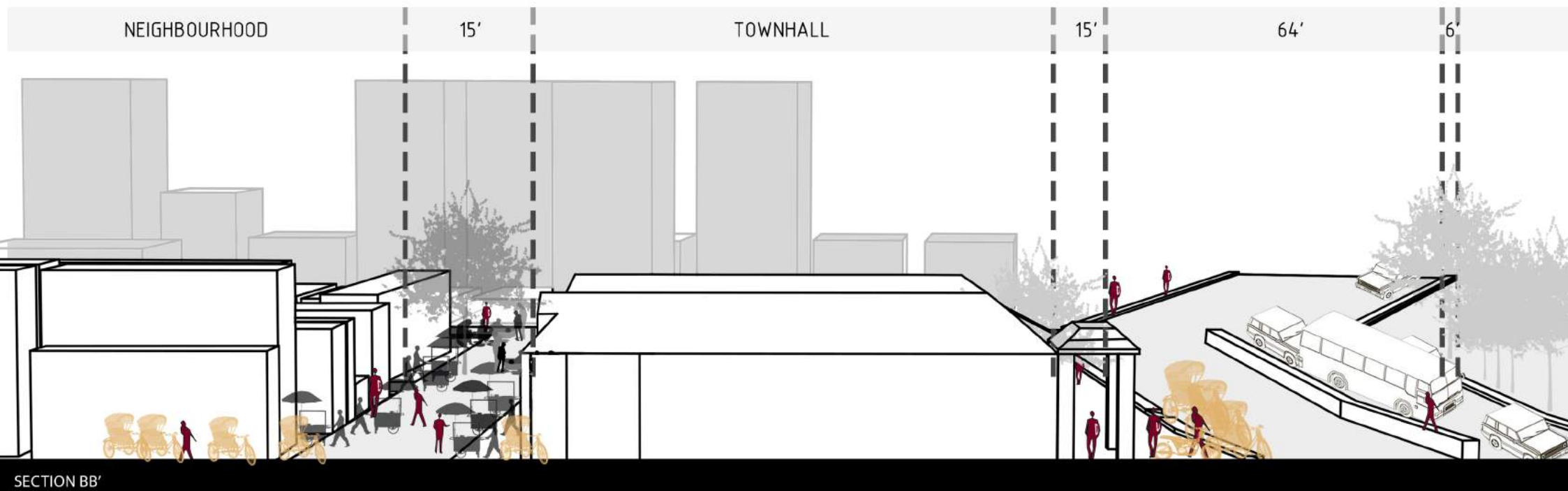
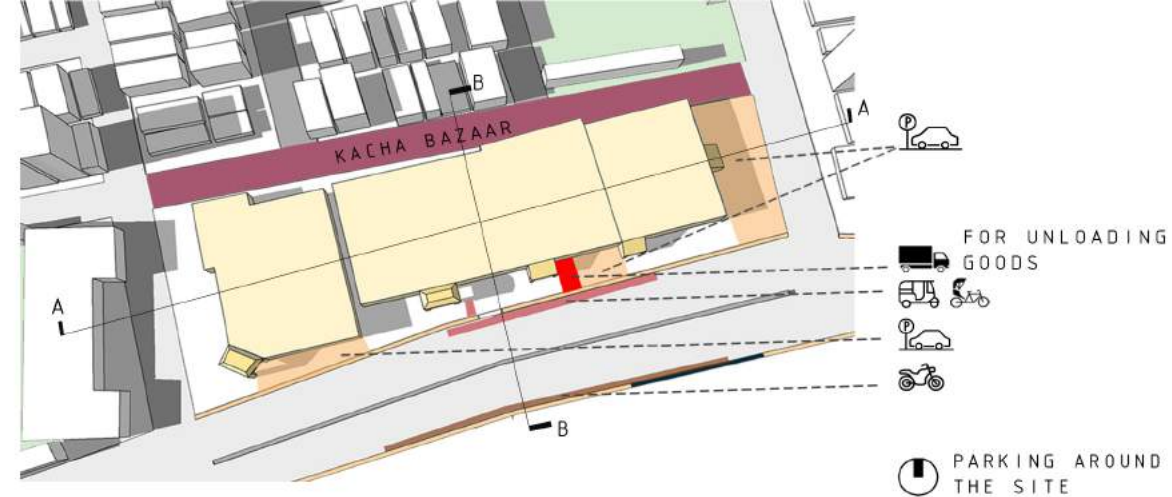
- \_LOCAL ROADS WITH FLOATING STALLS AND BAZAAR



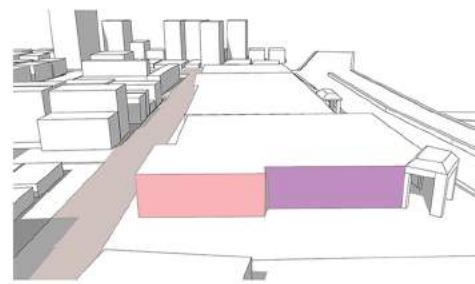
SCALE -  
3 / 32 " = 1 ' - 0 "

- PRIMARY ROADS
- SECONDARY ROADS
- TERTIARY ROADS

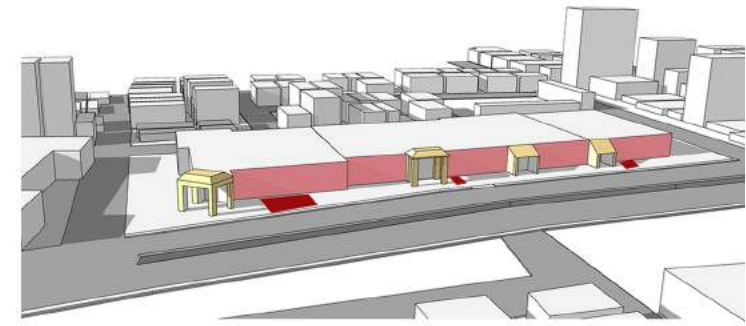




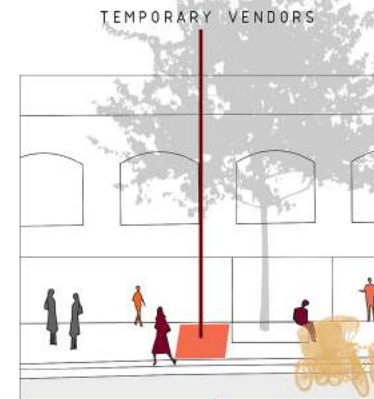
# ACTIVITIES AT SITE



- FRUIT SHOPS
- ELECTRONIC SUPPLIES AND PHARMACIES
- KACHA BAZAAR



- BOOK SHOPS, RESTORAS, FRUIT AND VEGETABLE SHOPS, STATIONERY SHOPS AND COOKERY SHOPS
- MOBILE VENDORS

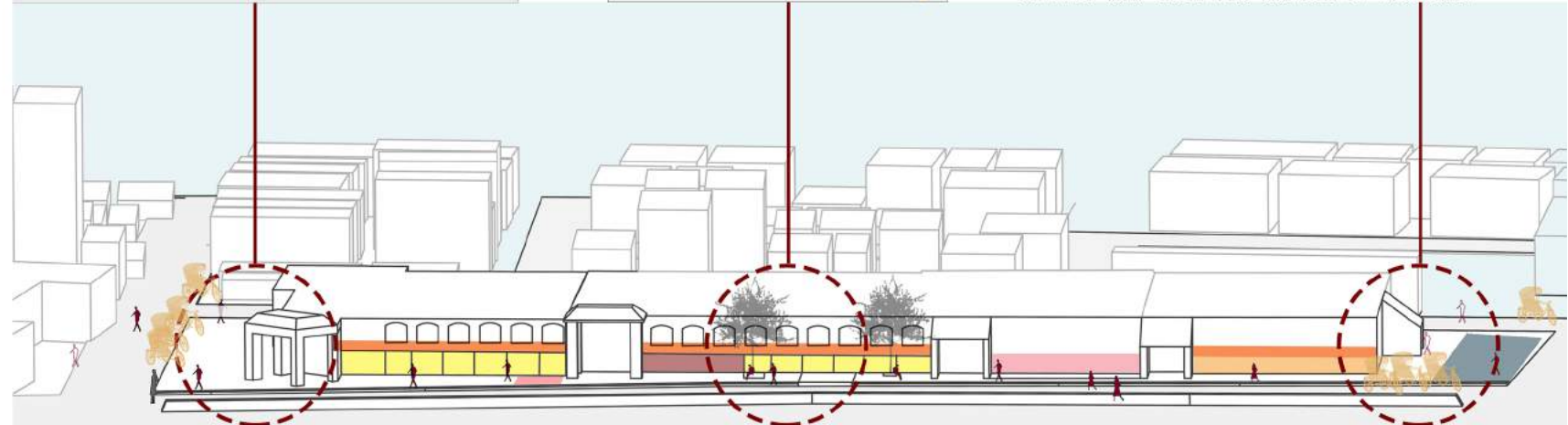


- BOOK STORES
- FRUIT AND VEGETABLE SHOP
- RESTORA
- GENERAL STORES AND COOKERIES

## RELATIONSHIP OF PEOPLE WITH THE BUILT

THE EDGES OF THE BUILDING ARE BEING USED AS DIFFERENT SHOPS AND A PLACE FOR MOBILE VENDORS. THIS ATTRACT THE CUSTOMERS AND PASSERBY TOWARDS THE SITE AND GIVE THEM ABUNDANT OPTIONS TO CHOOSE FROM. OTHER THAN SHOPS, THERE ARE MANY STAND-BY VEHICLES AROUND THE SITE WHICH HELP IN COMMUTE. THE TREES PROVIDE SHADE FOR THE VENDORS AND CUSTOMERS, AND THEY CAN TAKE SHELTER UNDER IT.

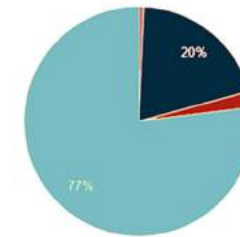
THE POULTRY SHOPS HERE ARE MOSTLY BLOCKED BY CARS, SO THIS AREA GETS LESS CROWDED BY PASSERBY



## BUILDING USE MAP



### LEGEND



BUILDING USE PERCENTAGE

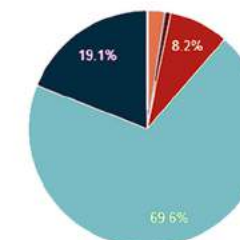
### STRUCTURE TYPE:



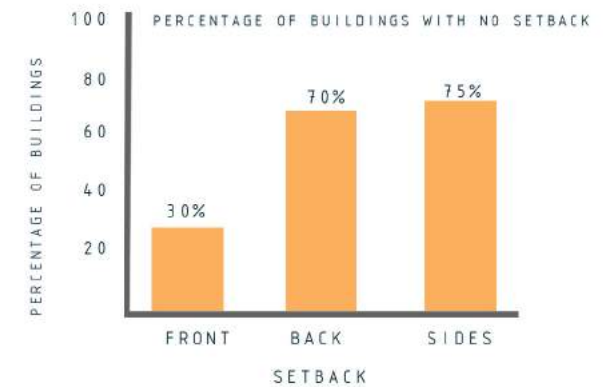
## HEIGHT MAP



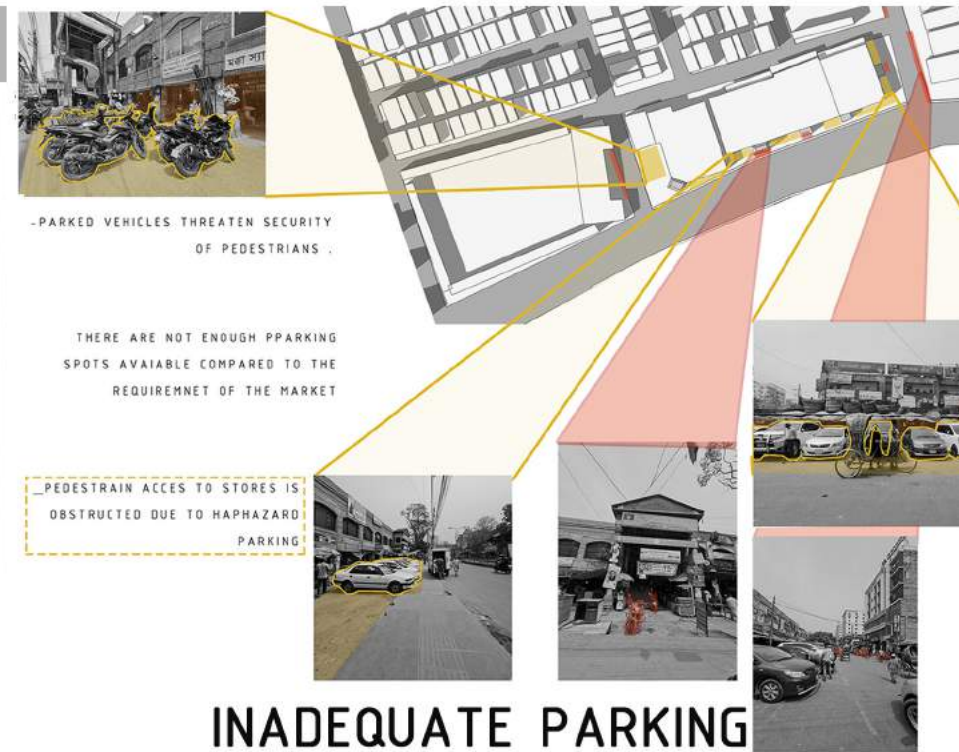
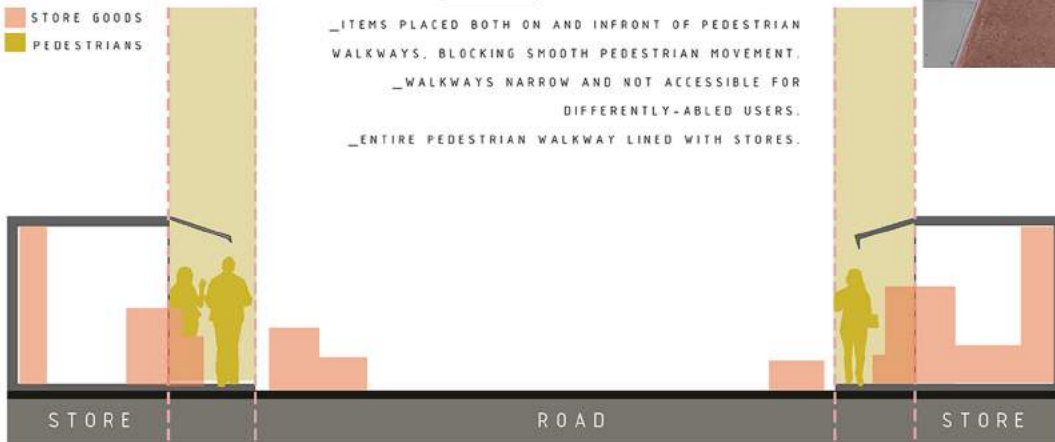
### LEGEND



HEIGHT PERCENTAGE



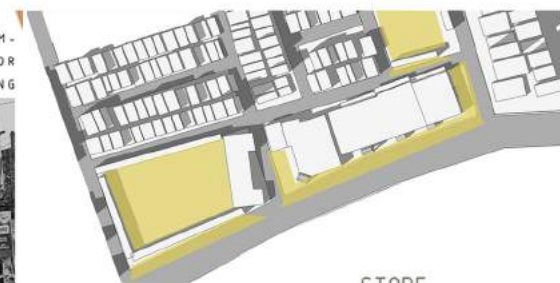
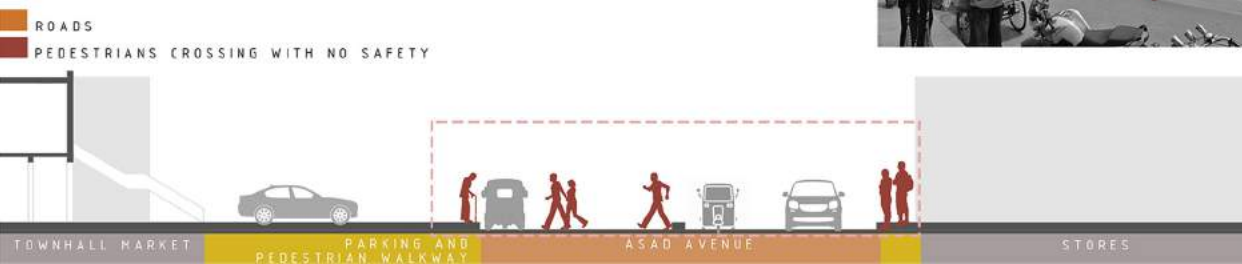
## NARROWED PEDESTRIAN WALKWAYS



## ROAD SAFETY

PEDESTRIANS AND VEHICLES MOVING ACROSS THE ROAD AT THE SAME TIME. THIS THREATENS THE SAFETY OF THE PEDESTRIANS AND INCREASES RISKS OF ACCIDENTS.

PEDESTRIANS CROSSING ROADS RANDOMLY AS THERE IS NO SPECIFIC AREA FOR CROSSING

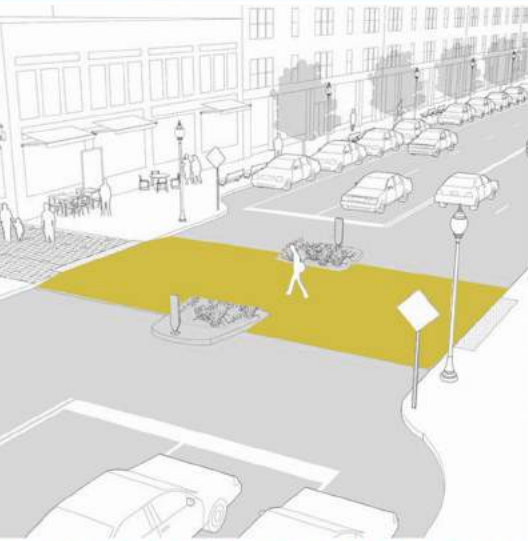


THE 7400 SQ FT FIELD IS SURROUNDED BY SHOPS ON ALL SIDES CAUSING INTERRUPTION IN VISUAL CONNECTIVITY

## LACK OF VISUAL CONNECTIVITY



# DESIGN STRATEGIES



ZONE FOR SAFE  
PEDESTRIAN  
CROSSING

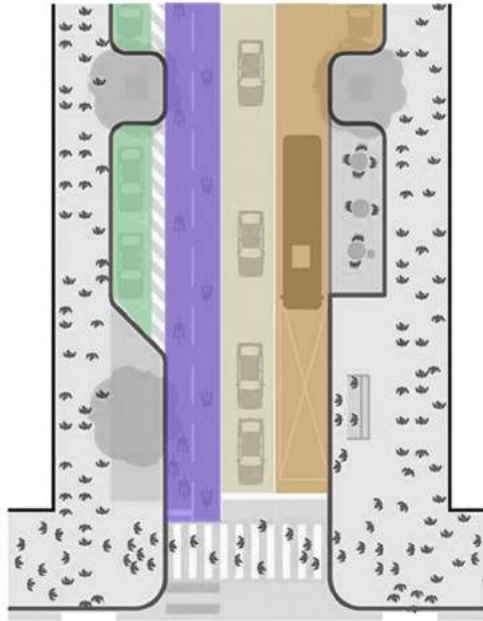
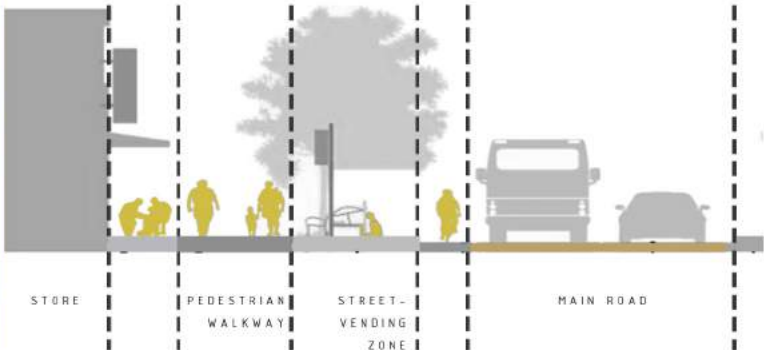
INCREASING VISUAL  
CONNECTIVITY



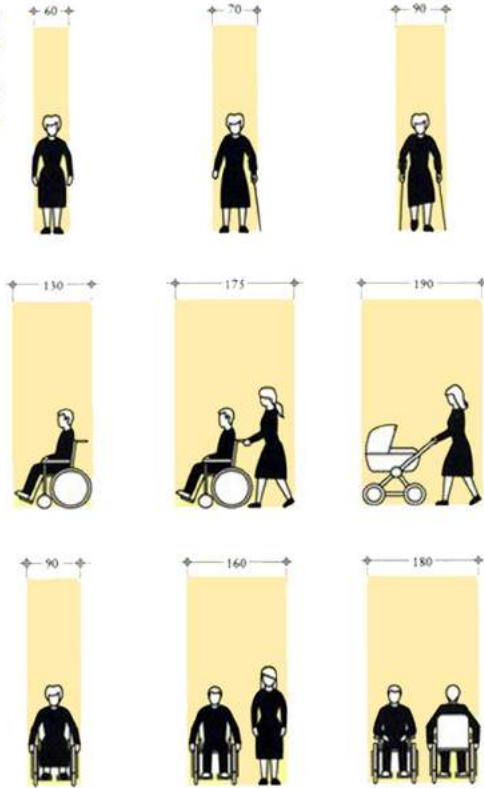
UNIVERSAL  
ACCESS

IMPROVING WALKABILITY &  
ENSURING SAFE VEHICLE AND  
PEDESTRIAN MOVEMENT

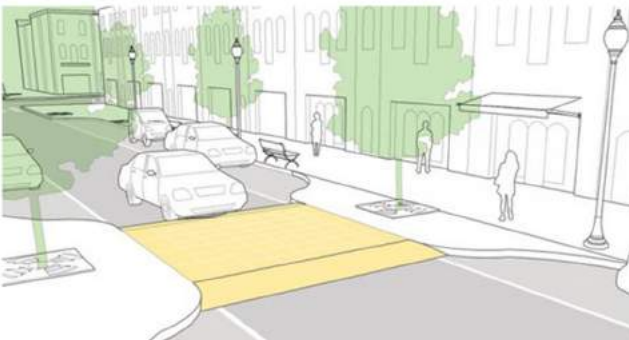
FIGURATIVE SECTION



MULTIMODAL  
LANES



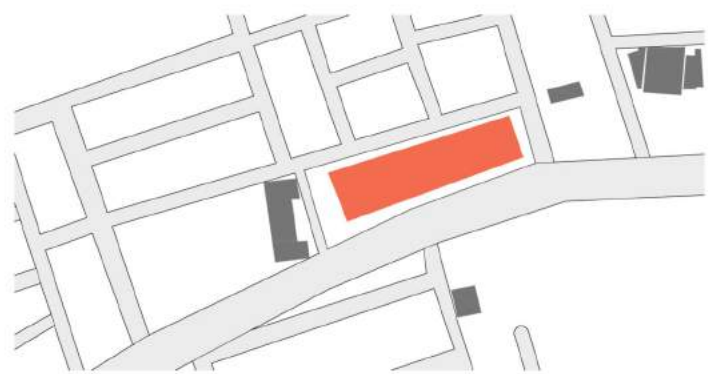
CURBS  
CROSSWALKS



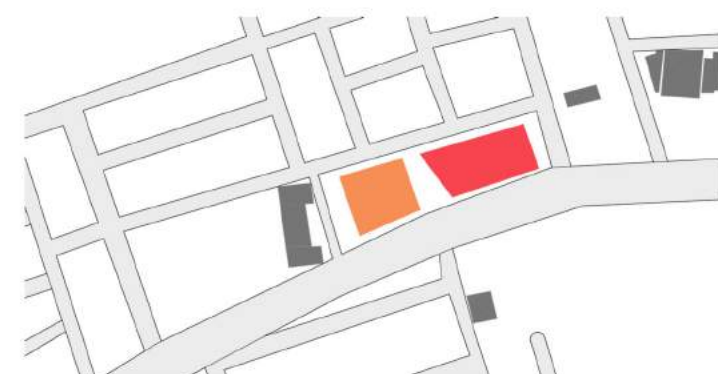
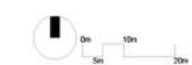
# DESIGN DECISIONS



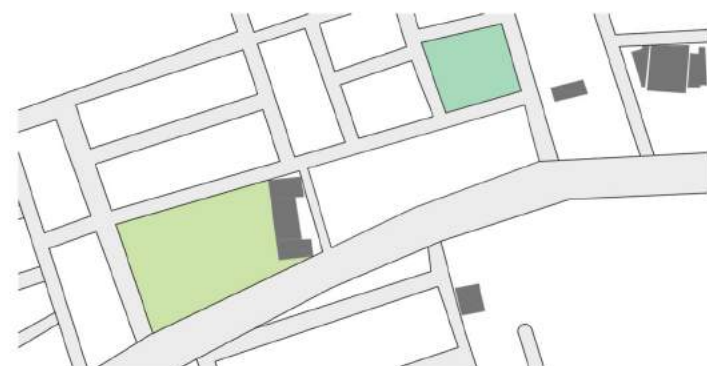
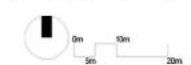
EXISTING SITE PLAN



ADDITION OF BASEMENT PARKING



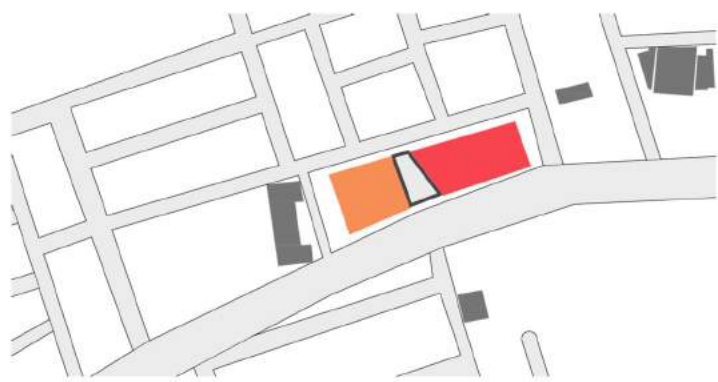
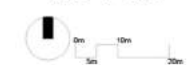
CREATING A THOROUGHFARE FOR PEDESTRAIN MOVEMENT



-RELOCATING THE SHOPS  
ON BOUNDARY OF SHAHID PARK  
-CREATING A PLAYGROUND



CONNECTING THE GREEN AREAS  
-EXISTING VEGETATION  
-ADDED VEGETATION



INTEGRATING THE KACHA BAZAAR  
INSIDE THE THOROUGHFARE



# GROUND FLOOR PLAN

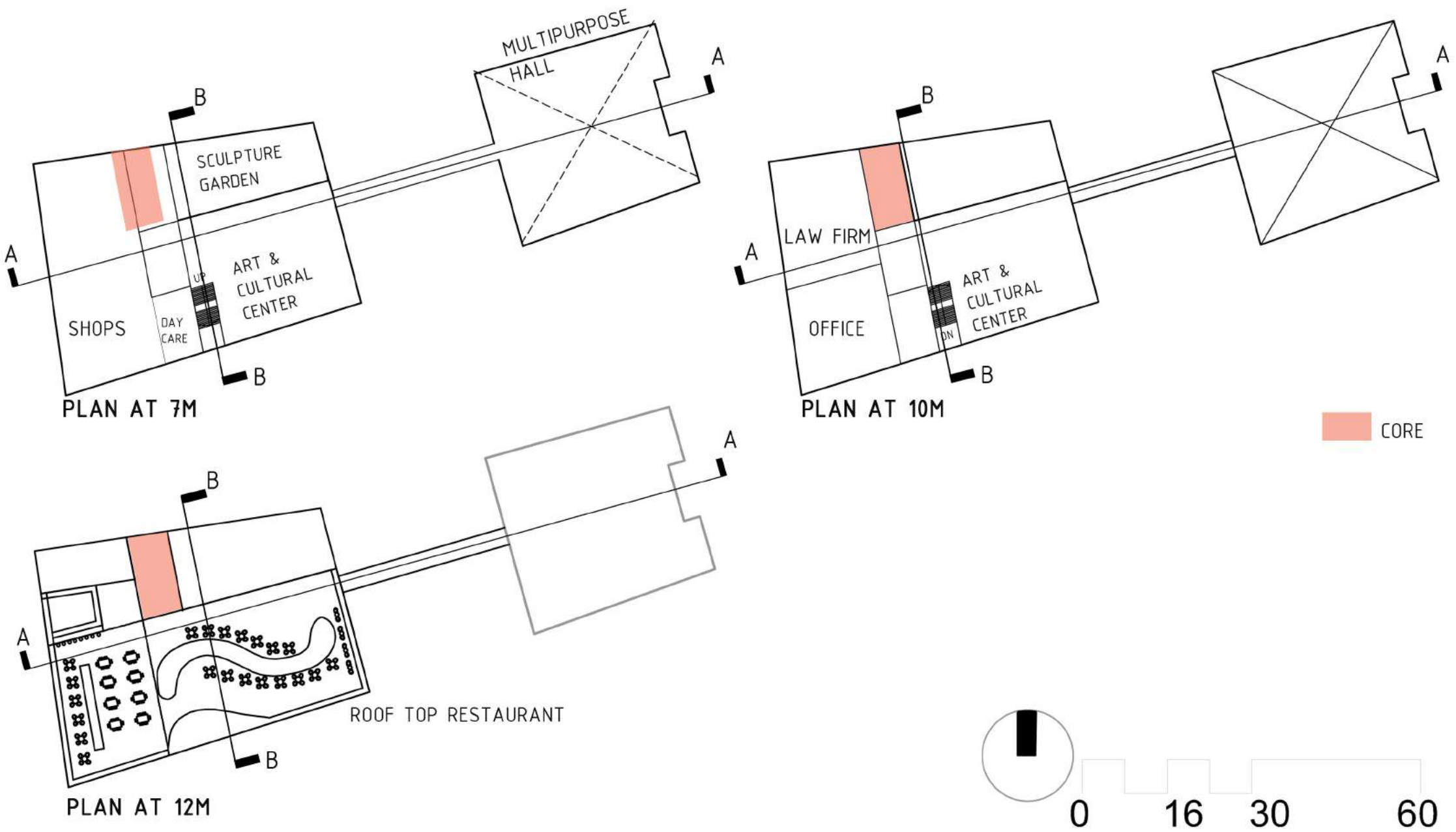


- PEDESTRAIN WALKWAY
- GREEN
- PLAZA
- CORE
- ZEBRA CROSSING
- SHER SHAH SURI RD

- 1 - GALLERY
- 2 - SHAHID PARK
- 3 - BUS STOP
- 4 - MOSQUE
- 5 - DRY ZONE
- 6 - WET ZONE
- 7 - SHOPS (ELECTRICAL/PAINT/HARDARE)
- 8 - FOOD COURT
- 9 - SUPERSTORE
- 10 - SHOPS (PHARMACY/STATIONARY/)
- 11 - LIBRARY
- 12 - PLAY GROUND
- 13 - BUTTERFLY GARDEN
- 14 - BADMINTON COURT
- 15 - HERB GARDEN



# FLOOR PLANS



# SHER SHAH SURI ROAD

INTRODUCING A POLICY :  
DISCOURAGE MOTORISED VEHICLES 8AM - 9PM



FRIDAY SCENARIO

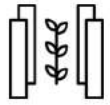


WEEKDAYS



6AM SCENARIO

# SECTIONAL PERSPECTIVE



**PUBLIC OPEN SPACE**  
recreational activities  
improve health & wellbeing

**STREET LIGHTS**  
for safety

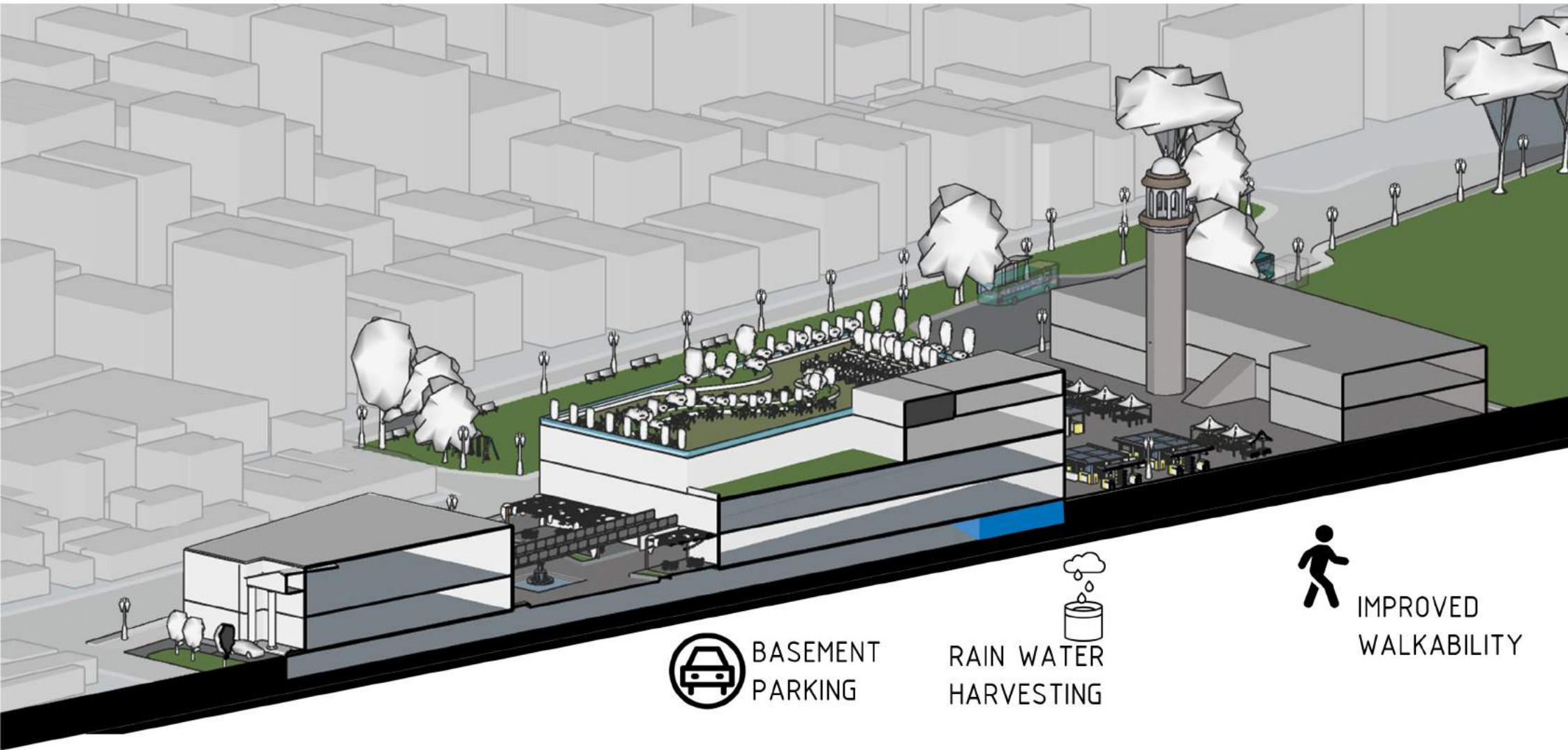


**BUS STOPS**  
easy access  
from town hall

**PHOTOVOLTAIC CELLS**  
supports energy  
demand



**GREEN SPACES**  
existing 12341 sq m  
proposed 14000 sq m



**BASEMENT  
PARKING**



**RAIN WATER  
HARVESTING**



**IMPROVED  
WALKABILITY**

## PERSPECTIVE VIEWS



BUS STOP



DROP OFF



PLAYGROUND



SHAHID PARK



I N T E R A C T I V E   P L A Z A



## COURSE FACILITATORS

A.K.M. SIRAJUDDIN  
DR. IMON CHOWDHOOREE  
TASFIN AZIZ

## GROUP MEMBERS:

PROJECT 02:

REVIVING MOHAMMADPUR TOWNHALL

PHASE 01:

Rafia sharara haque

Noheli mirza

Oeshmita ahmed

PHASE 02:

Oeshmita ahmed