

PORTFOLIO
DESIGN VII

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SPRING 2021

17308002

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PROJECT 01

METAMORPHOSIS

RETHINKING INFORMAL PUBLIC SPACE CONSIDERING THE SOCIAL DISTANCING

SITE: JALESHWARITALA, BOGRA

PROJECT DURATION : 03 WEEKS

LEARNING OUTCOME : This exercise focuses on the outdoor urban spaces being used in everyday life, it's informality and dynamics of functioning in individual as well as in the community level. This is from students to learn from their own stories, to re-think and to transform the thoughts into design for shaping the space of everyday life.



HOW DOES IT SERVE AS A "SOCIAL-INTERACTION" SITE??

POTENTIALS



BETTER ROAD NETWORK TO THE SITE. A PRIMARY ROAD AND LARGE PEDESTRIAN ARE ATTACHED TO THE SITE.



MANY IMPORTANT GOVERNMENT AND ADMINISTRATIVE BUILDING LIKE DC OFFICE, POLICE SUPER OFFICE ETC ARE JUST ADJACENT TO THE SITE.



THE SITE IS ON THE BANK OF FAMOUS RIVER "KAROTOWA", THE PLEASING AIR OF THE RIVER CREATES A SOOTHING ENVIRONMENT IN THE SITE.

INTERACTION POINTS

PEDESTRIAN

ENCOURAGES INTERACTION



RIVER BANK

AGE GROUP INTERACTION



CHA TONG

SOCIAL INTEGRATION

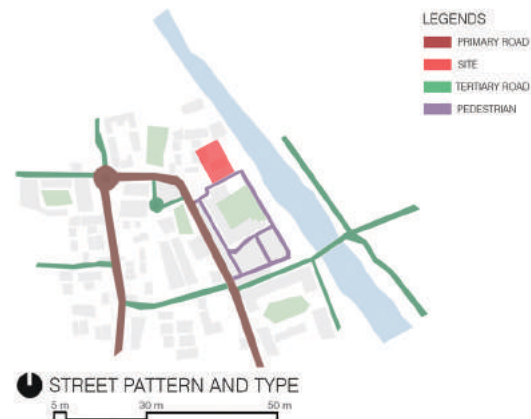
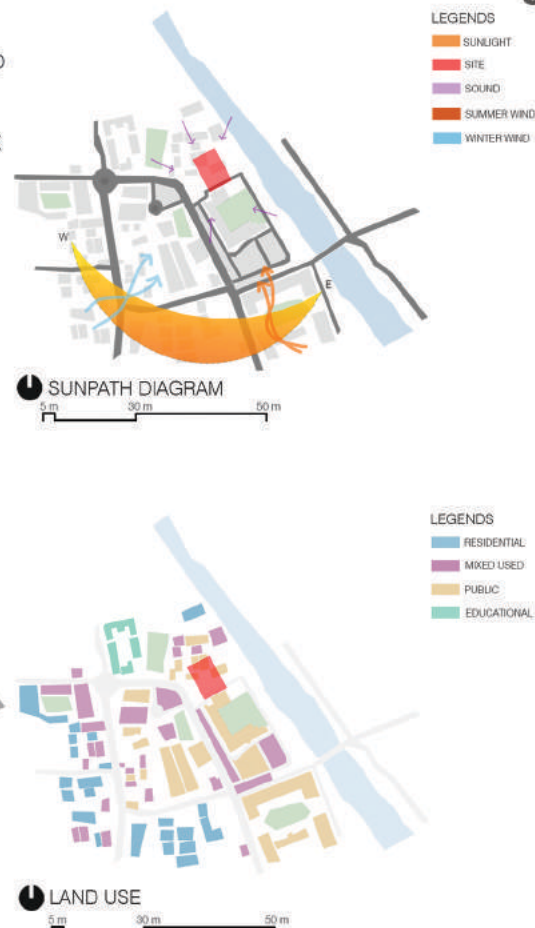
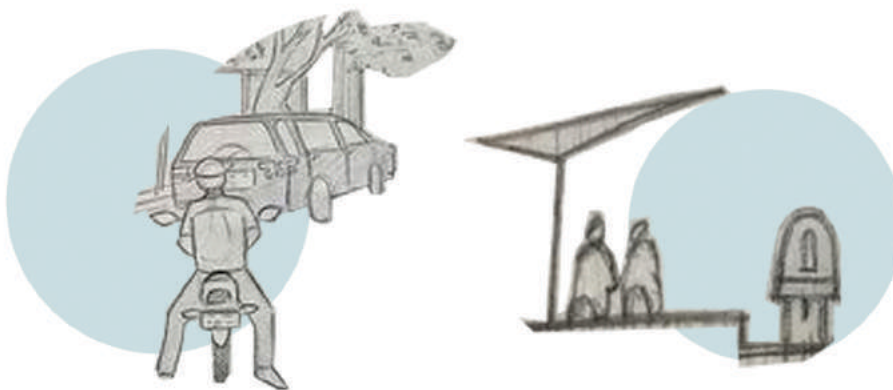


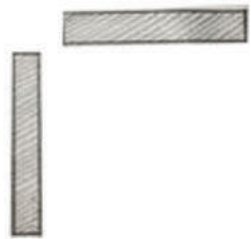
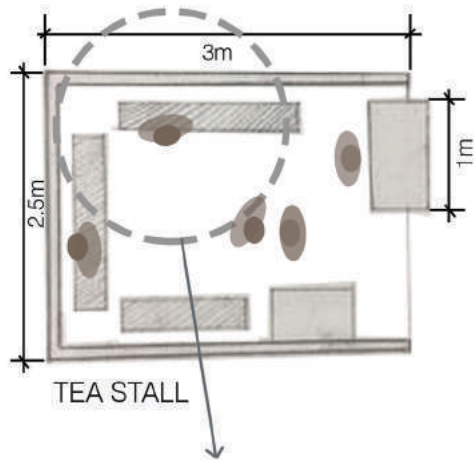
OFFICE

FORMAL INTERACTION

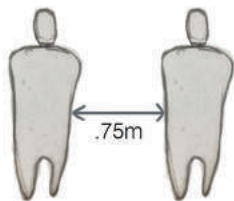
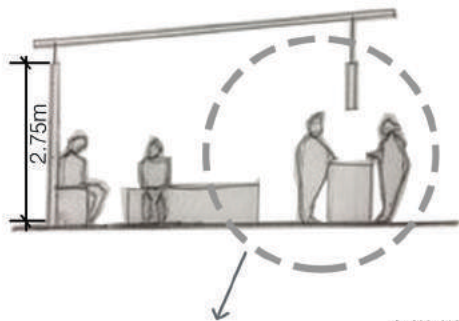


PRESENT SCENARIO





BENCHES ARE
2m IN LENGTH
AND VERY
CONJUGATED



MINIMUM RATE
OF DISTANCING IS
.75m PERSON TO
PERSON

**TEA STALL
AND DOCUMENT
WRITING
SHOP**



**HAWKER FOR DIFFERENT
ITEMS**



ACTIVITIES

**INTERACTION
ON PEDESTRIAN**



**ROADSIDE PARKING
SPACE**



MOBILE SHOP



MOBILE FOOD CART



10m

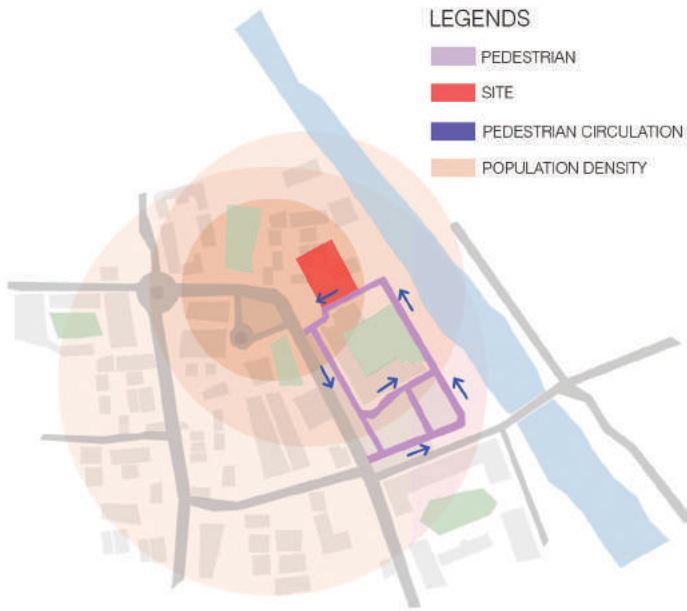
ACTIVITY ZONE 1

11m

ACTIVITY ZONE 2



SECTIONAL PERSPECTIVE



DENSITY AND CIRCULATION

USER DISTRIBUTION

PROFESSIONALS



40-45%

SERVICE RECEIVER



30-35%

YOUNG GROUP



15-20%

VENDOR



10-15%

STREET CHILD



05-10%

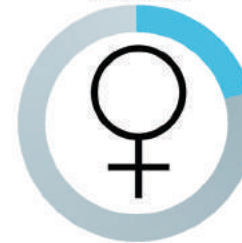
USER DISTRIBUTION BY GENDER AND AGE

MALE

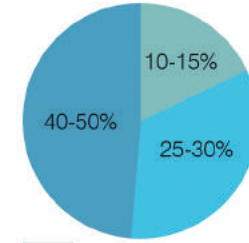


80-85%

FEMALE



15-20%



AGE BETWEEN 10-15
AGE BETWEEN 15-25
ABOVE 30 OR MORE

TRAFFIC DISTRIBUTION

PEOPLE



70-80%

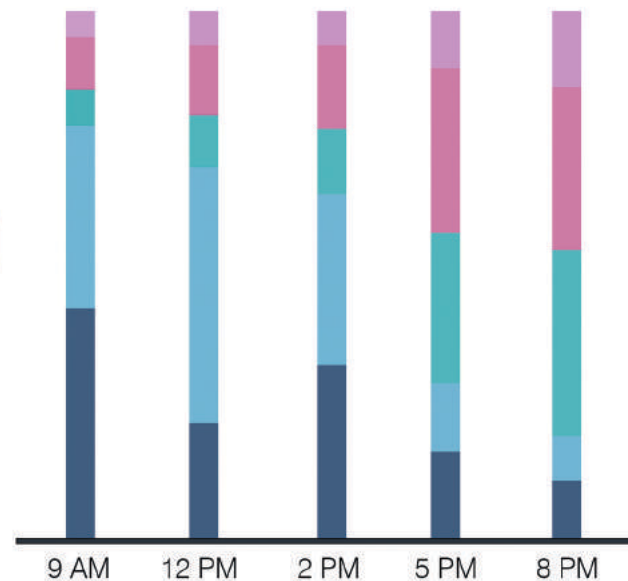
VEHICLE



15-20%

WALKING IS MOSTLY PREFERRED IN THE SITE

TIME PATTERN ACCORDING TO USER



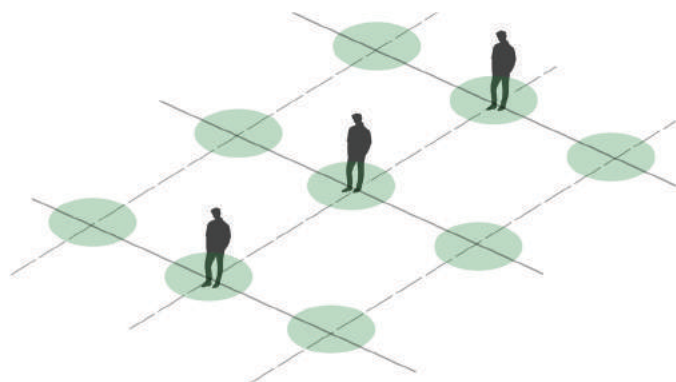
LEGENDS

- JOB HOLDER
- CLIENT
- YOUNG GROUP
- MOBILE VENDOR
- STREET CHILD

ABOUT **85%**
SOCIAL GATHER
ING TAKE PLACE
BETWEEN
9am-5pm
IN WORKING
DAYS

SOME PROPOSED DESIGN STRATEGIES TO INTRODUCE SOCIAL DISTANCING IN THE SITE

SAFETY GRID FOR “COVID 19”



DESIGNATED
DISTANCE FOR
SAFETY GRID

1m



U-SHAPED SEATING PATTERN



HELPS TO MAINTAIN THE MINIMUM REQUIRED SAFE DISTANCE.

A METHODOICAL SOLUTION FOR SEATING ARRANGMENT DURING “COVID 19”.

CAN BE USE BOTH DURING THE PANDEMIC AND AFTER PANDEMIC.

BOLLARD IN PEDESTRIAN



RESIST FROM CREATING IRREGULAR WALKING AISLE .

MAKES REGULAR OR METHODOICAL WALKING SPACE FOR PEOPLE .

HELPS TO BUILD A NECESSARY SAFETY GRID WHILE WALKING.

PLANTS TO MAINTAIN DISTANCE

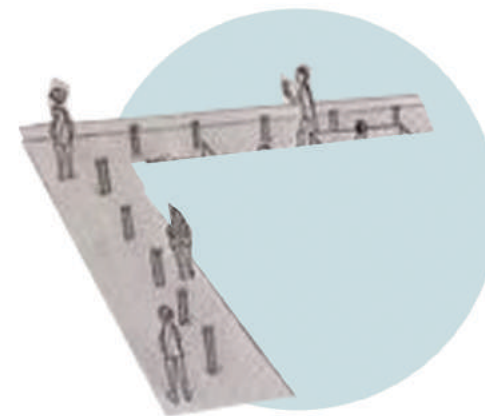


CAN RESIST THE VIRUS FROM SPREADING AROUND IT.

CREATS PHYSICAL AND VISUAL BARRIER EVEN FROM COMING TO THE INTERACTION POINT .

MAINTAINS A GREEN HYGIENE FOR THE USERS.

U-LOOP FOR PEDESTRIAN CIRCULATION



REDUCES THE CHANCE OF COLLISION BETWEEN PEDESTRIAN USERS.

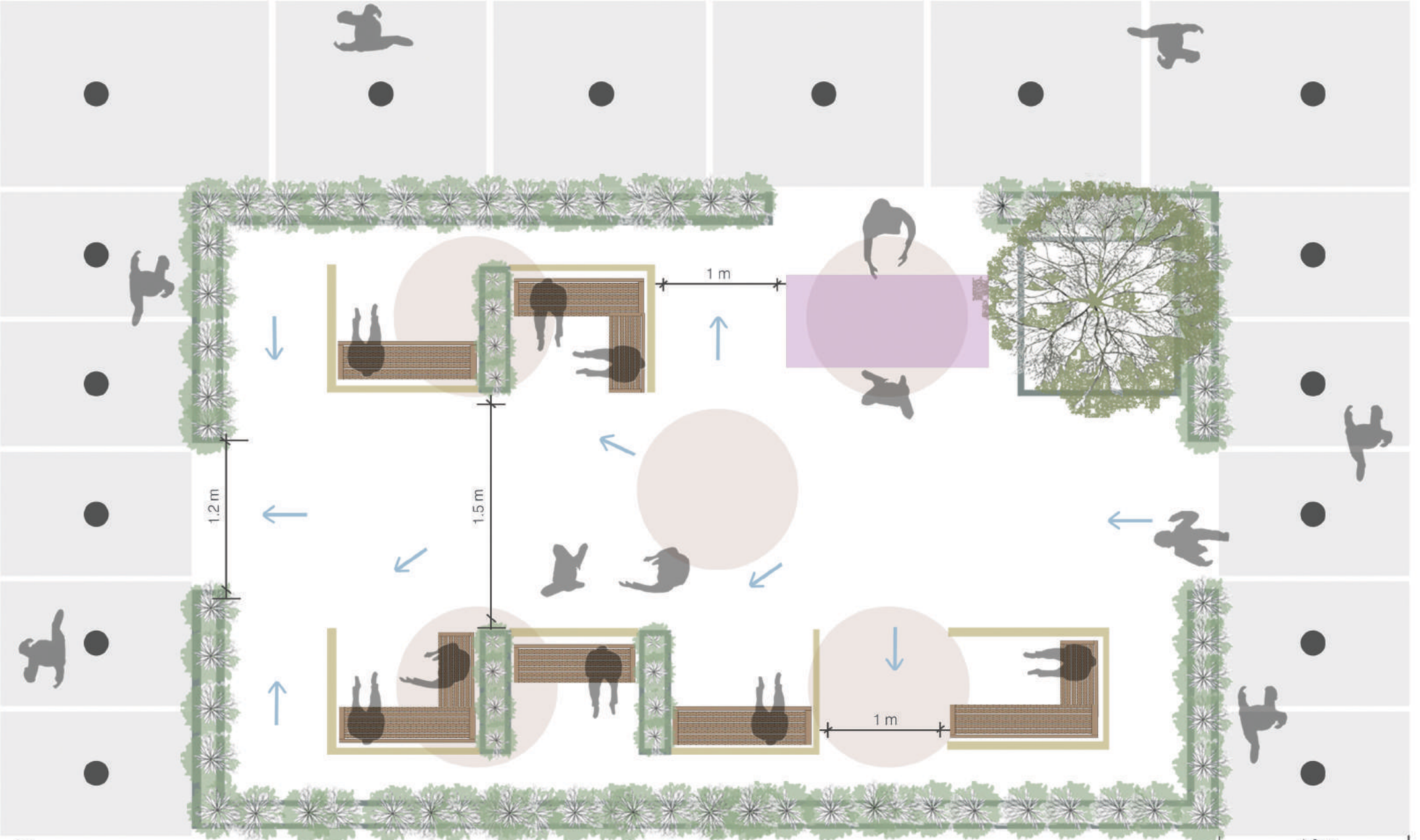
CAN BE USED AS BOTH ENTRY AND EXIT.

KEEPS THE CIRCULATION OF PEDESTRIAN USERS ACTIVE.

IMPLEMENTATION OF THE STRATEGIES

LEGENDS

- FENCE
- SEATER
- PEDESTRIAN
- TEA STALL
- PLANTS
- CIRCULATION
- SAFE DISTANCE
- BOLLARD

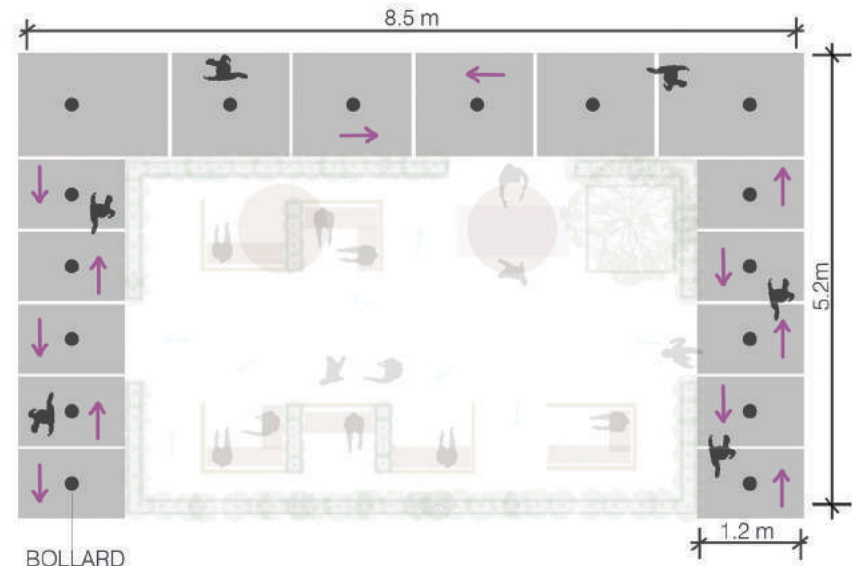


PROPOSED DESIGN LAYOUT

1 m 2 m

1.2 m

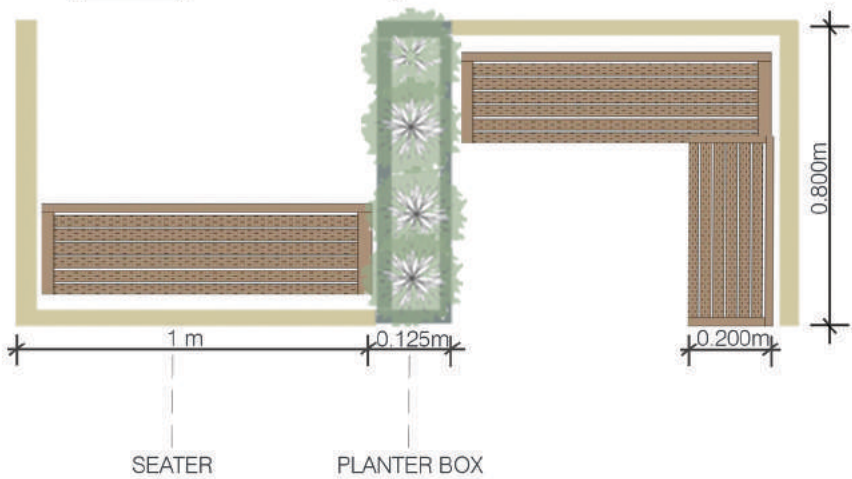
DETAILING OF THE IMPLEMENTATION



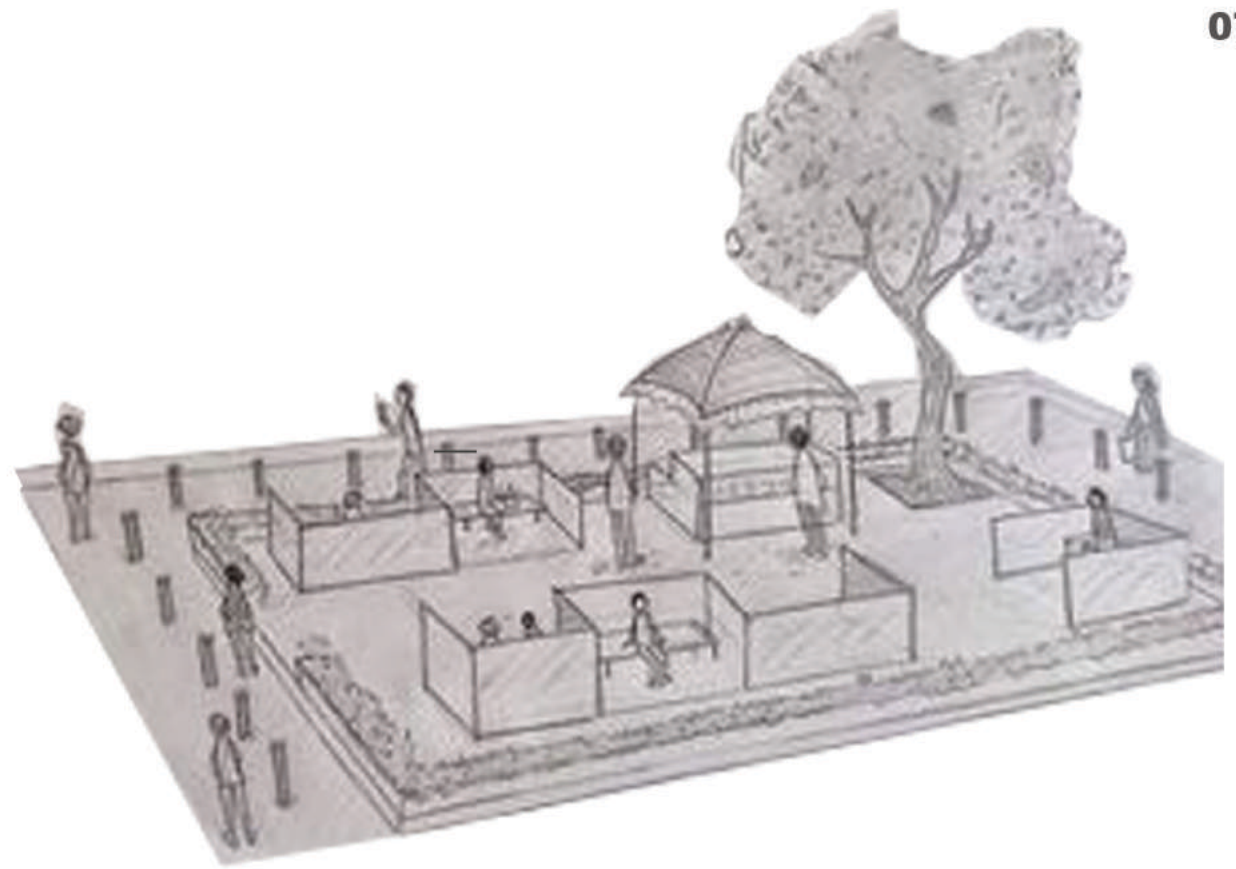
BOLLARD

U-LOOP CIRCULATION

1 m 2 m



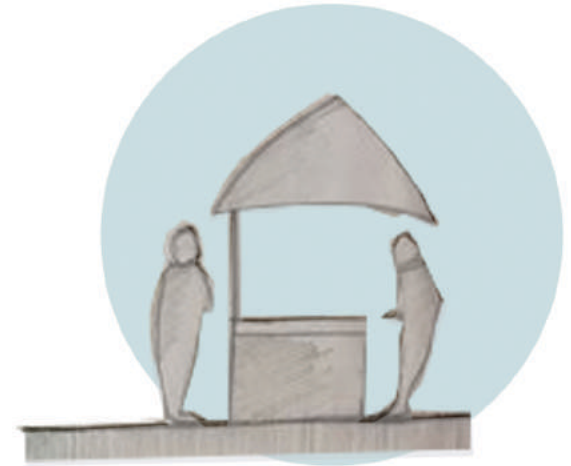
U-SHAPED SEATING DETAIL



PERSPECTIVE



PEDESTRIAN USING BOLLARD



SAFE DISTANCE USING BARRIER

REVIVING MOHAMMADPUR TOWNHALL

IDENTITY OF A PLACE

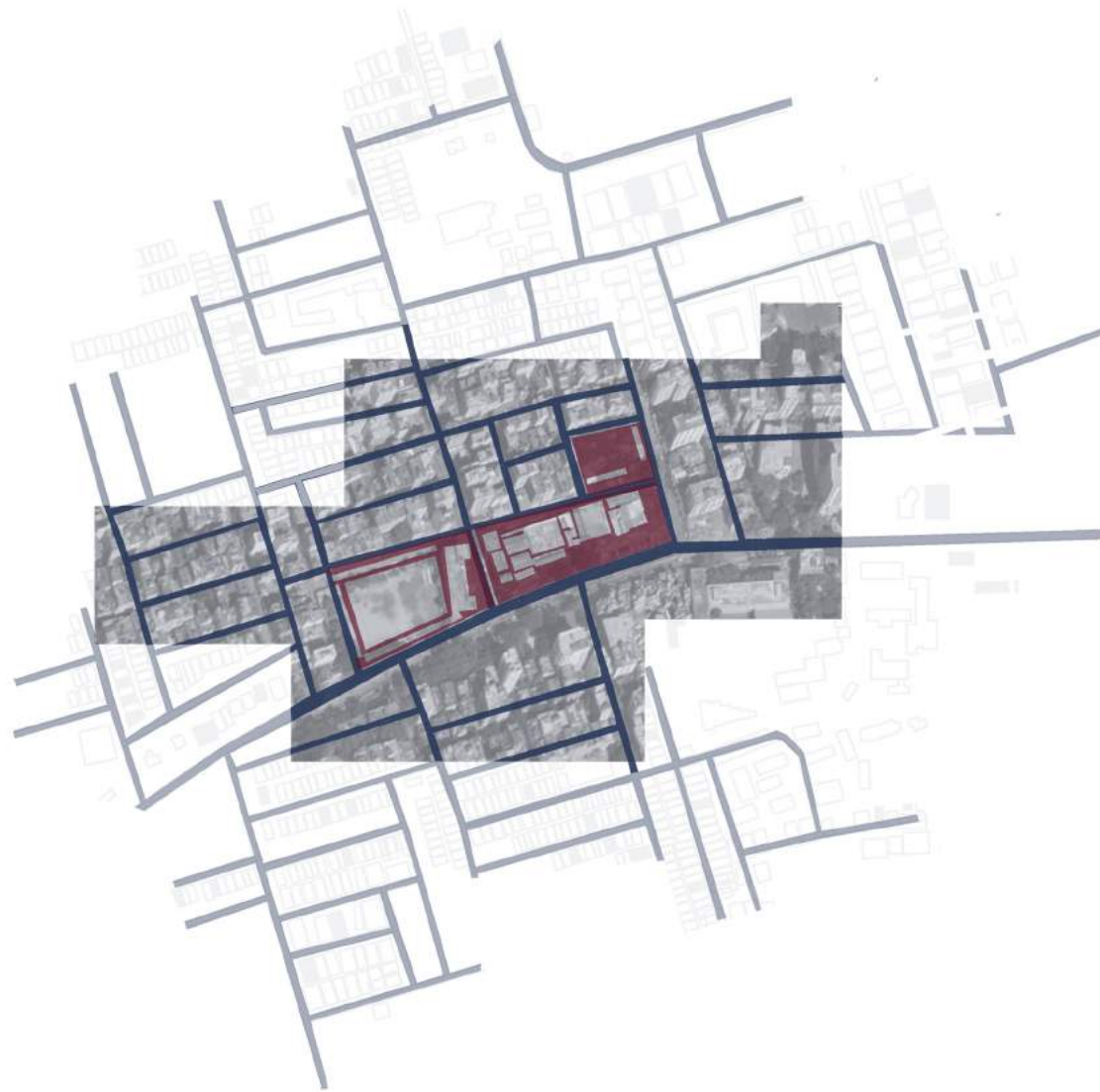
SITE : MOHAMMADPUR
PROJECT DURATION : 6 WEEKS

LEARNING OUTCOME : Mohammadpur Town Hall with its current functions, adjacent amenities and physical features serves various needs of the people of that locality. The areas' current features, physical structures and uses demands a series of serious investigations and evaluations so that its proposed design may meet the current and future needs in a flexible and comfortable way and at the same time it may uphold the identity of that place.



SITE INTRODUCTION

Mohammadpur Town Hall Market is the most popular place on Mohammadpur and Town hall market is an old neighborhood center. All types of products we can get from here and it is very crowded place. Now a days all types of elements which actually daily needs of a neighborhood can get it from here and a huge percentage of economical activities are taking place on the open surface.



FEATURES THAT REPRESENTS THE SITE

09

LEGENDS

SITE ROAD BUILT SPACE



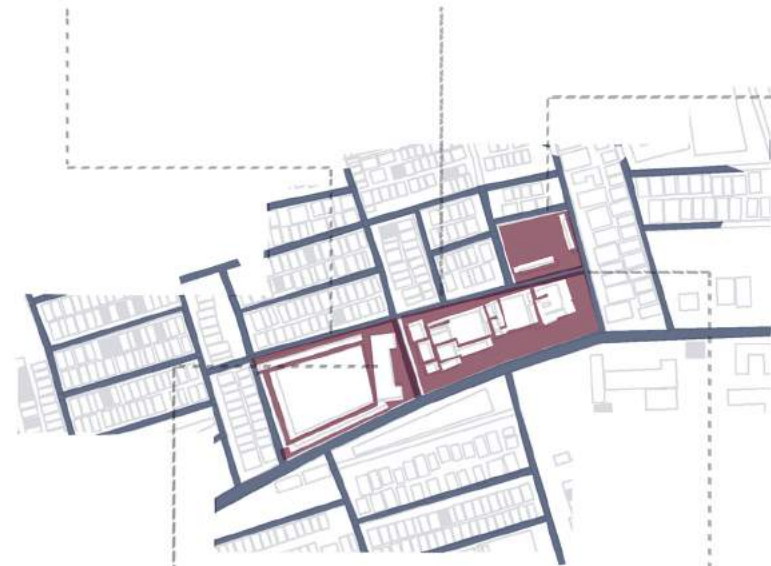
STREET ECONOMY



TOWNHALL MARKET



CITY CORPORATION PROPERTY



TOWN HALL MOSQUE



SHAH JAHAN ROAD

EXISTING PLAN AND SECTION



SITE PLAN
0 10 20 40m



SECTION 01



SECTION 02



SECTION 03



SKYLINE ELEVATION

01



STREET ECONOMY

STREET VENDOR
NOTARI PUBLIC STALL

02



INADEQUATE PEDESTRIAN

OBSTACLES ON PEDESTRIAN
LESS PEDESTRIAN FEATURES

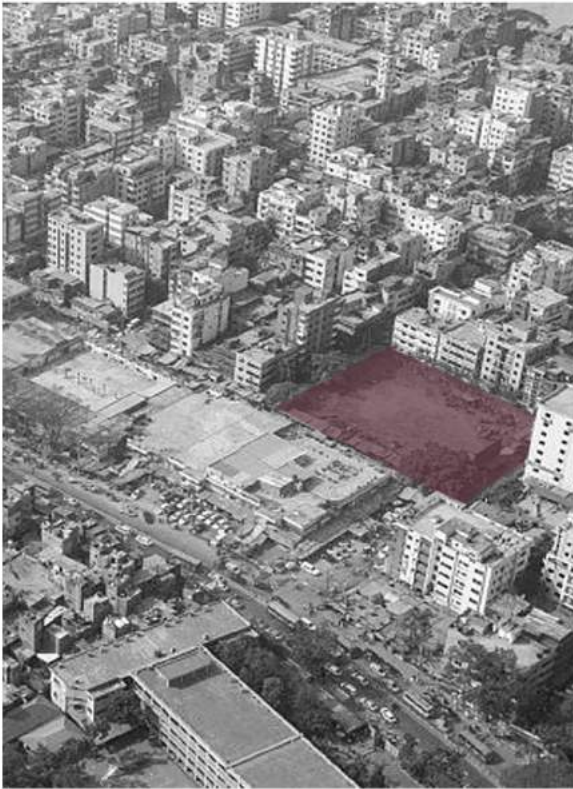
03



PERIPHERAL PARKING

PARKING IN FRONT OF TOWNHALL MARKET
PAID PARKING

04



UNUSED SPACE

UNUTILIZED CITY CORPORATION FIELD
ABSENCE OF GREEN

05



HEAVY TRAFFIC CONGESTION

LESS TRAFFIC MANAGEMENT
SURFACE PARKING

06

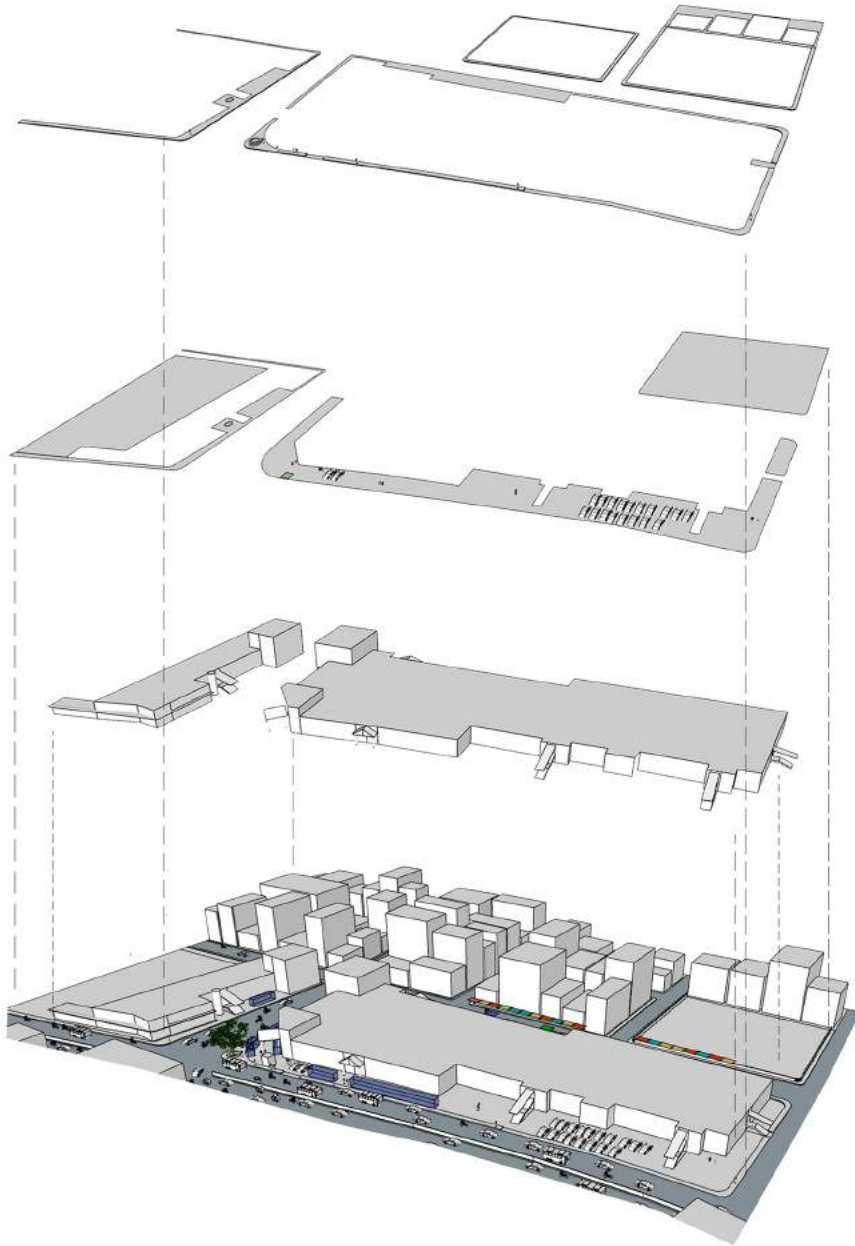


CULTURAL FEATURE

SHAHID PARK MOSQUE
CULTURAL FESTIVALS

IDENTIFYING ISSUES

13

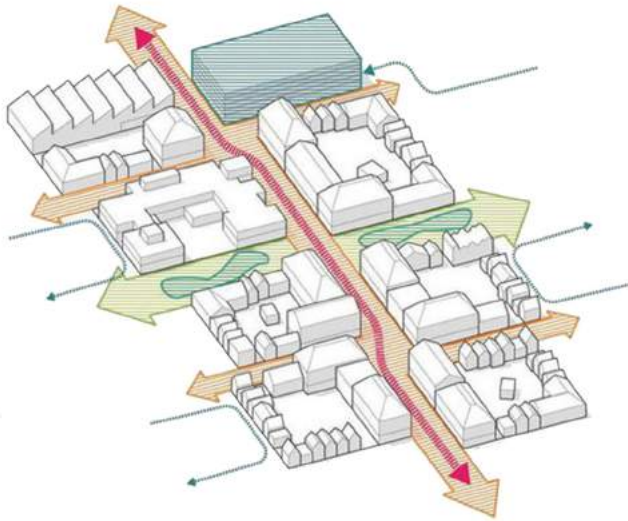


UNORGANISED SPACE DISTRIBUTION

LACK OF PEDESTRIAN FEATURES

LACK OF ENVIRONMENTAL AMENITIES

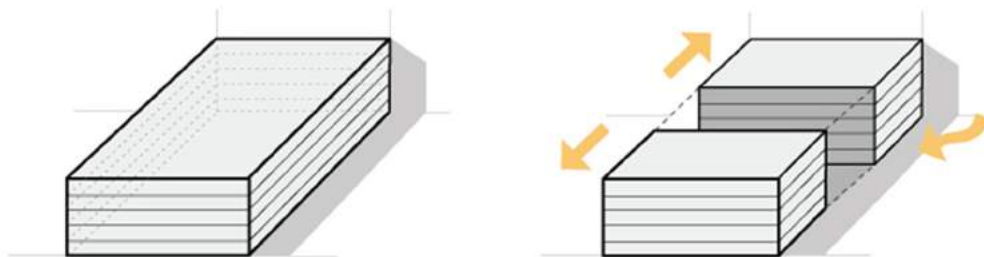




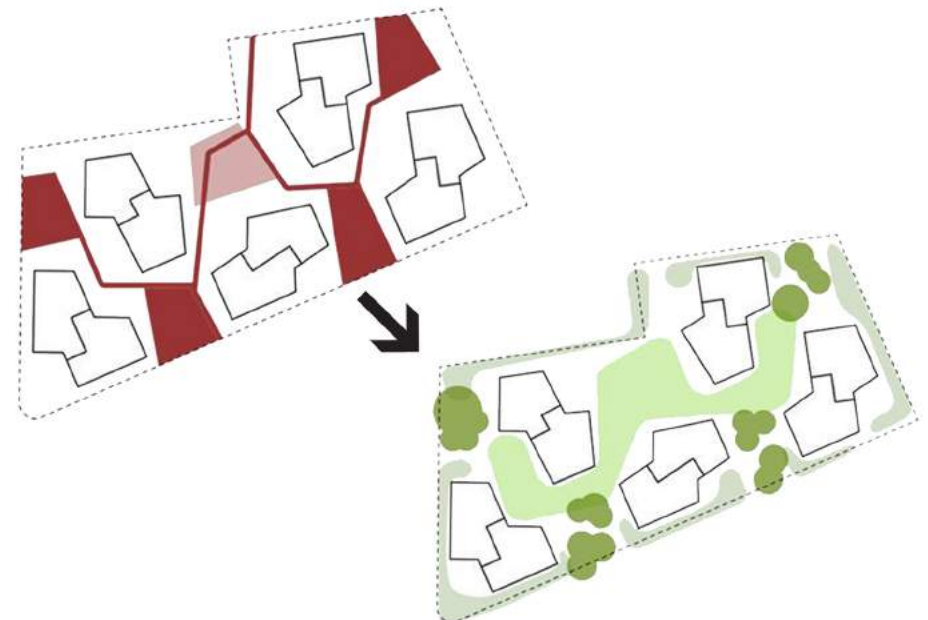
CREATING INTER-CONNECTION BETWEEN BUILT AND OPEN SPACE



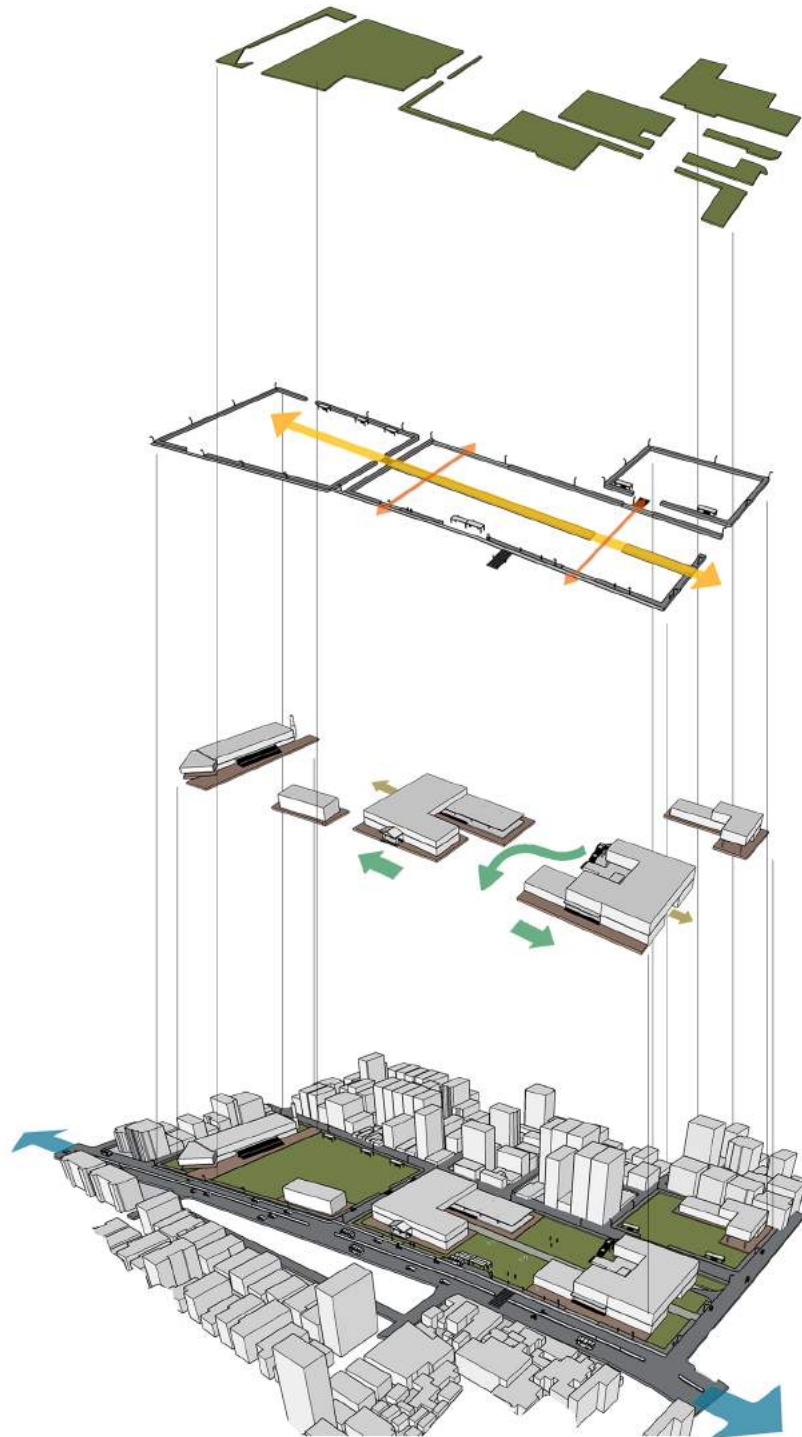
ENHANCING WALKABILITY



SPACE PRIORITIZATION



MAKING USE OF UNUTILIZED SPACE



MAKING USE OF UNUTILIZED SPACE

TURNING GREY SPACE INTO GREEN SPACE AND CONVERTING THE UNUSED FIELD INTO GREEN PARK TO MAKE THE SPACE MORE LIVABLE.

ENHANCING WALKABILITY

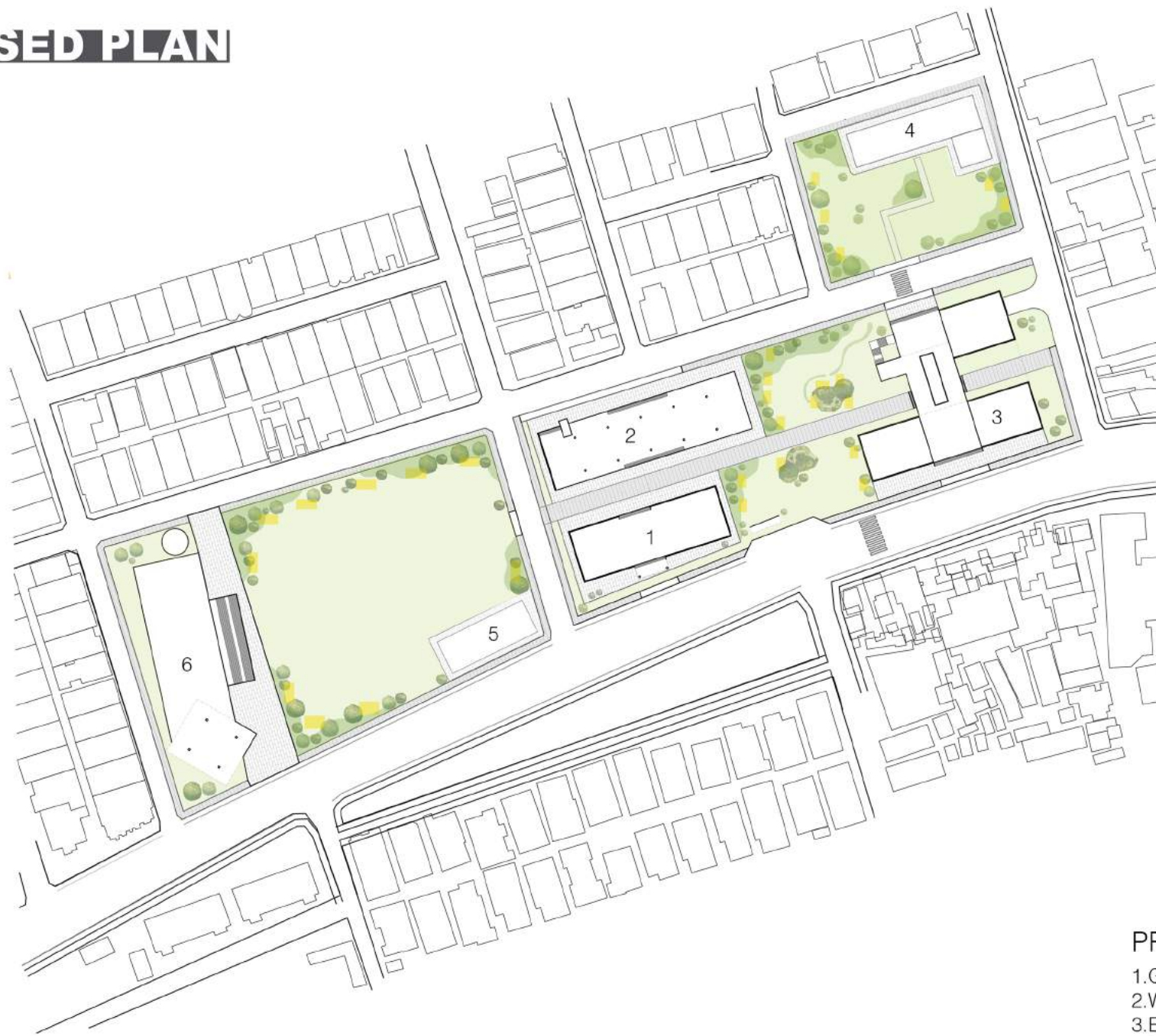
USING PEDESTRIAN FEATURES ; SUCH AS LIGHTS, SEATERS, CYCLE LANE, GREEN CANOPY TO MAKE PEDETRIAN MORE WALKABLE.

SPACE PRIORITIZATION

BY DIVIDING AND REPLACING THE BUILDING FORM INTO SEPARATE ZONES TO CREATE POSTIVE SPACE AND BETTER ACCESSIBILITY.

CREATING INTER-CONNECTION BETWEEN BUILT AND OPEN SPACE

BY IMPLEMENTING DIFFERENT ACTIVITIES IN BOTH BUILT AND OPEN SPACE TO MAKE AN INCLUSIVE AREA FOR ALL.



PROGRAMS

1. GENERAL MARKET
2. WET MARKET
3. EXHIBITION GALLERY
4. CULTURAL ACADEMIC SCHOOL
5. SPORTS CLUB
6. MOSQUE MARKET



PROGRAMS

1. COUNCILLOR OFFICE
2. ADMINISTRATIVE OFFICE
3. MULTI PURPOSE HALL
4. LIBRARY
5. MOSQUE
6. ISLAMIC CENTRE



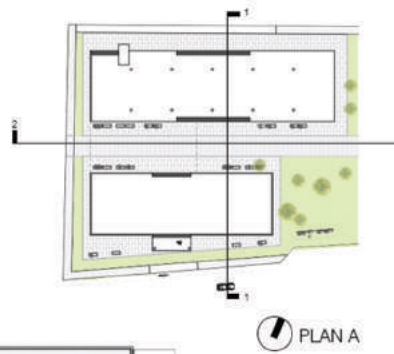
PLAN



SECTION 1



SECTION 2



PLAN A



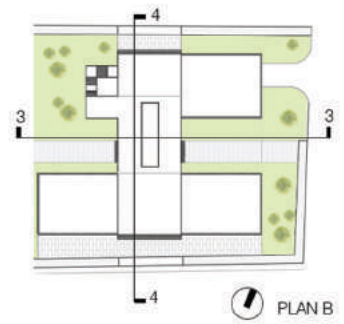
PLAN



SECTION 3



SECTION 4



PLAN B



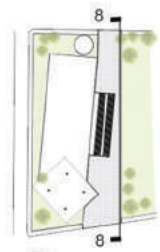
PLAN E



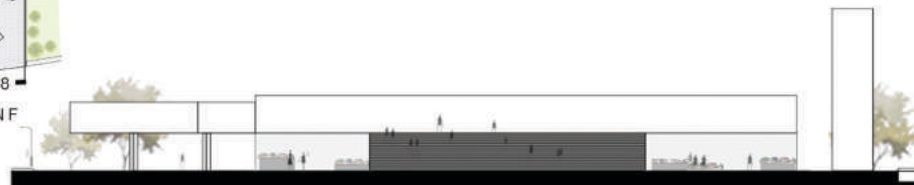
SECTION 7



PLAN



PLAN F



SECTION 8



PLAN



PLAN D



SECTION 6

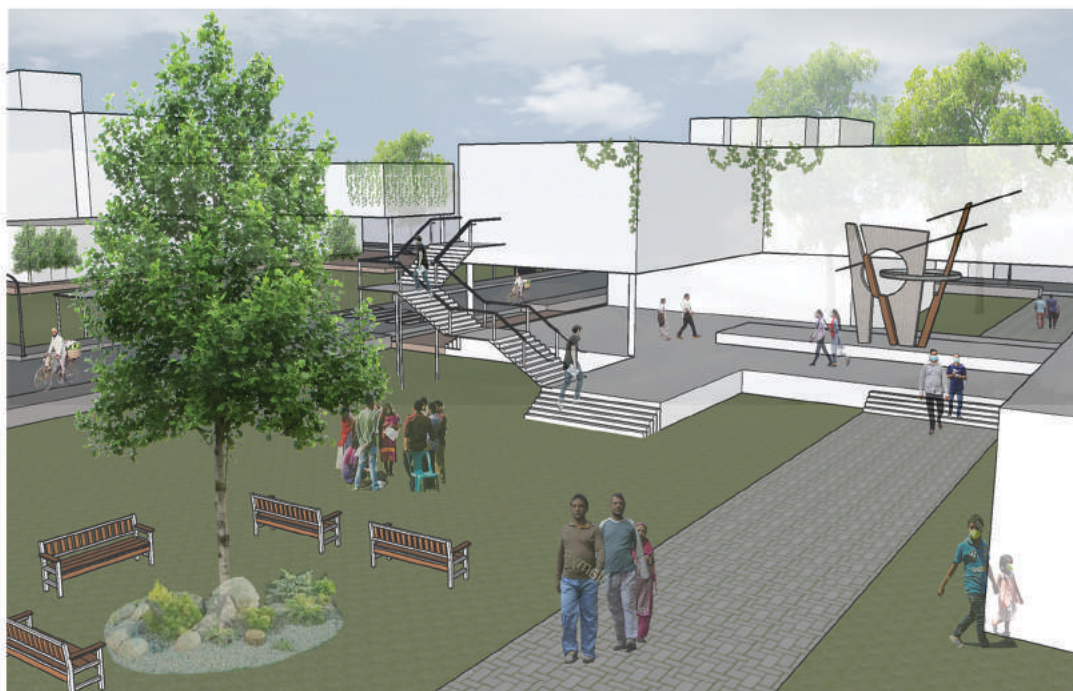


PLAN C

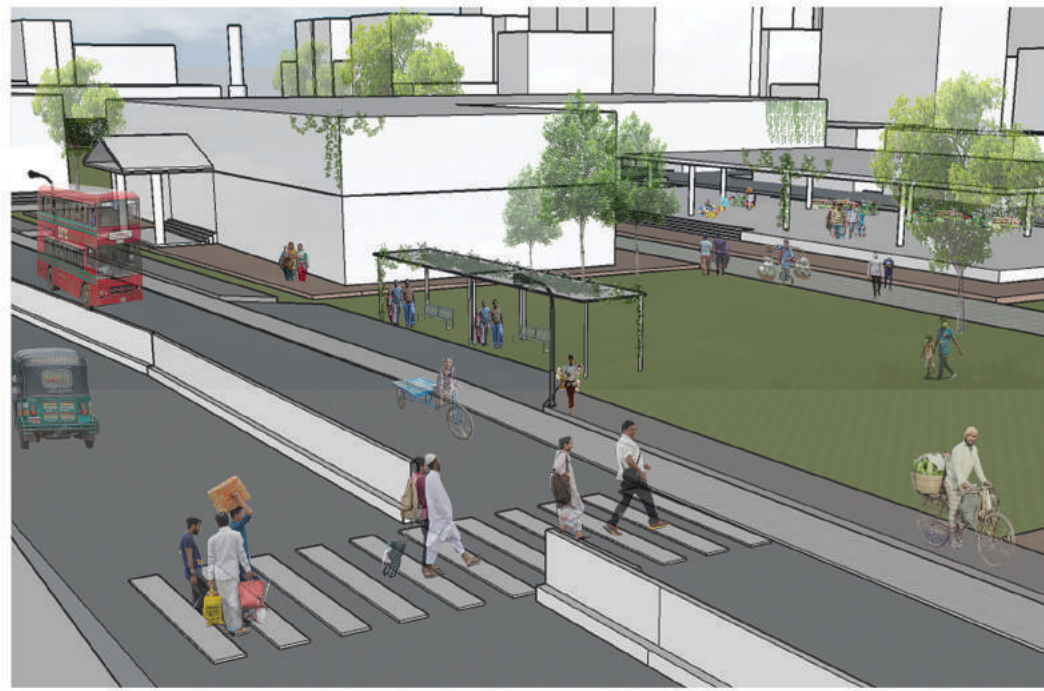


SECTION 5

PERSPECTIVE-01



PERSPECTIVE-02



PERSPECTIVE-03



PERSPECTIVE-05





EXISTING PRESENT SCENARIO

PROPOSED SCENARIO



THANK YOU

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