

401
PORT-
FOLIO

SPRING 2021

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MOHAMMADPUR TOWNHALL

URBAN DESIGN

DURATION: 8 WEEKS

WE WERE EXPECTED TO WORK ON MOHAMMADPUR TOWNHALL MARKET AREA KEEPING THE ESSENCE OF A TOWNHALL. WE WERE EXPECTED TO DO A DETAILED STUDY OF MOHAMMADPUR TOWNHALL AREA AND IDENTIFY THE ISSUES OF THE PLACE AND COME UP WITH DESIGN SOLUTIONS TO WORK AROUND THE ISSUES SO AS TO PROVIDE A BETTER PUBLIC PLACE TO THE PEOPLE LIBING AROUND AND GOING TO MOHAMMADPUR TOWNHALL.



STUDY PHASE

ROAD TYPOLOGIES

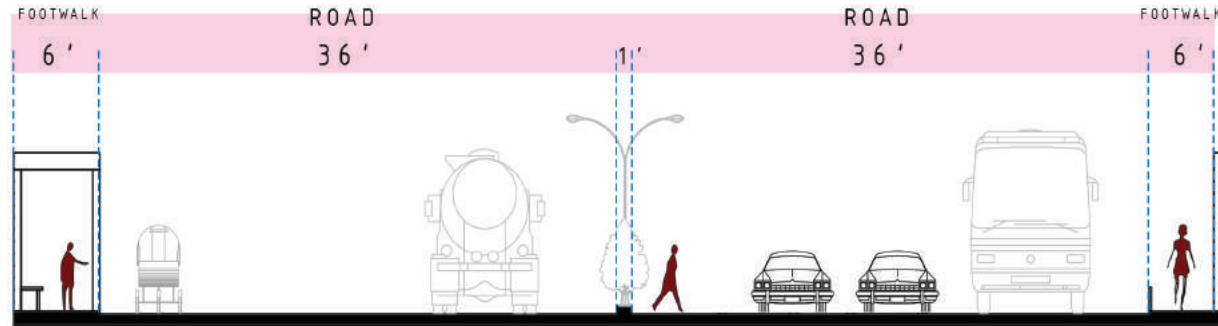
- PRIMARY ROADS
- SECONDARY ROADS
- TERTIARY ROADS



PRIMARY ROADS: MIRPUR ROAD

3 LANES

- _FOOTPATH-BENCHES, SHOPS
- _BARRIER FOR SEPARATING ROAD WITH PEDESTRIAN
- _MOSTLY USED BY CARS, BUS, LORRY, TRUCK

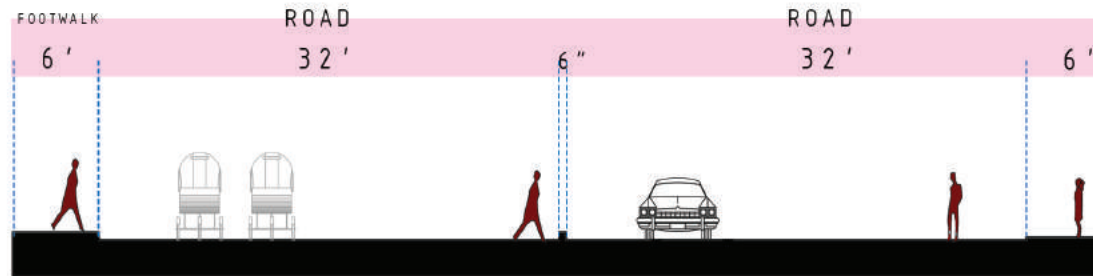


MIRPUR ROAD

SECONDARY ROAD: ASAD AVENUE

2 LANES

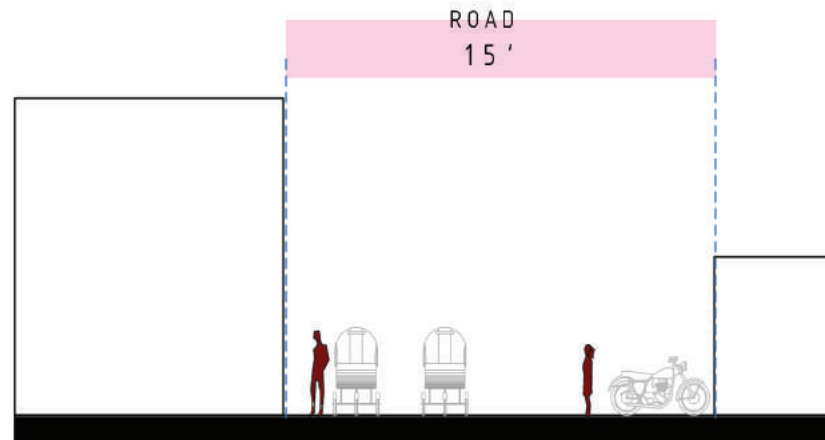
- _FOOTWALK FOR PEDESTRAIN MOVEMENT/BIKE MOVEMENT
- _RICKSHAW/CARS/CNG DOMINATE THE ROADS



ASAD AVENUE

TERTIARY ROAD: AZAM ROAD SHER SHAH SURI RD

- _NO DISTINCTIVE LANES
- _LOCAL ROADS WITH FLOATING STALLS AND BAZAAR

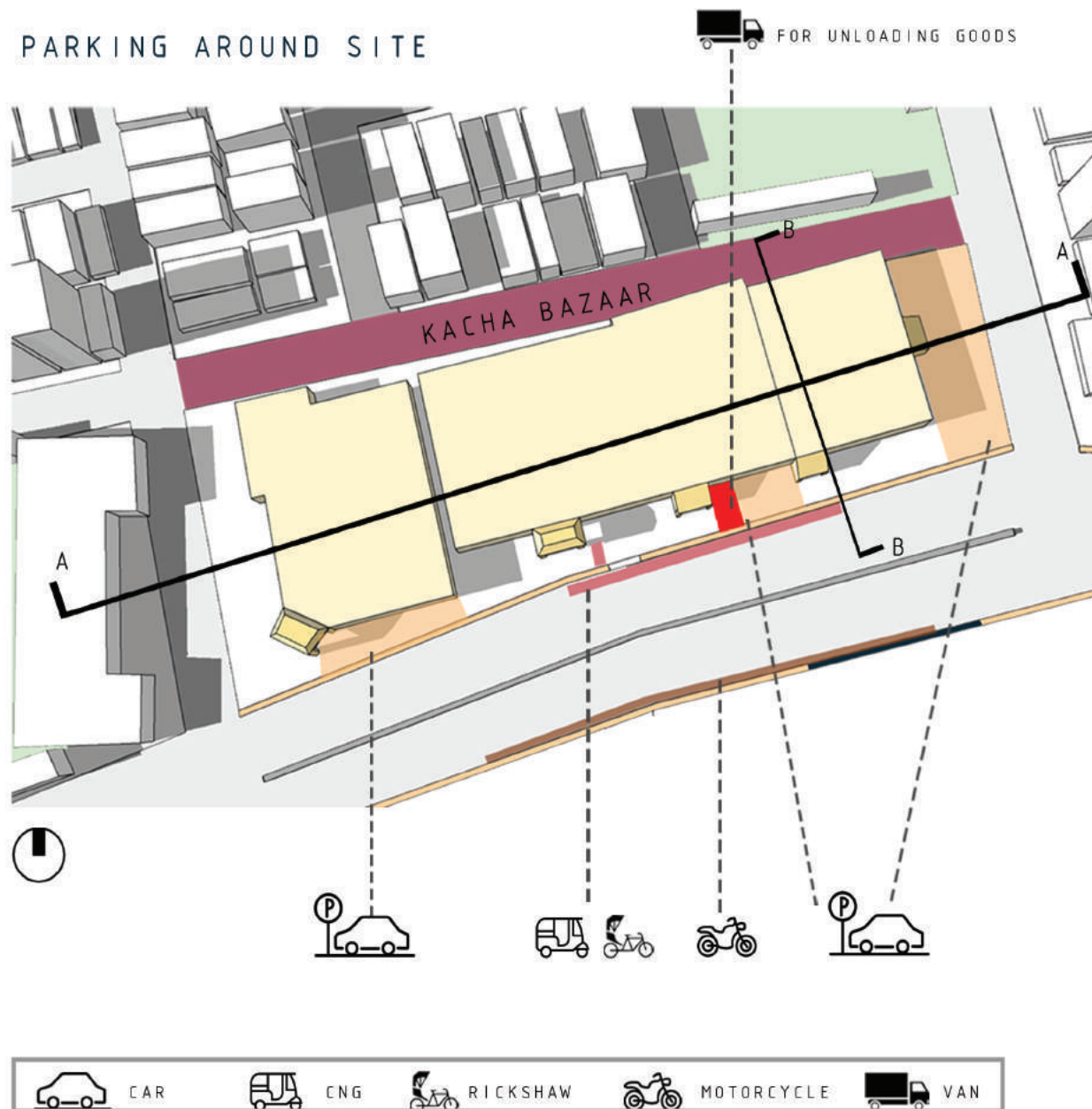


SCALE -
3/32" = 1' - 0"



SHER SHAH SURI RD

PARKING AROUND SITE



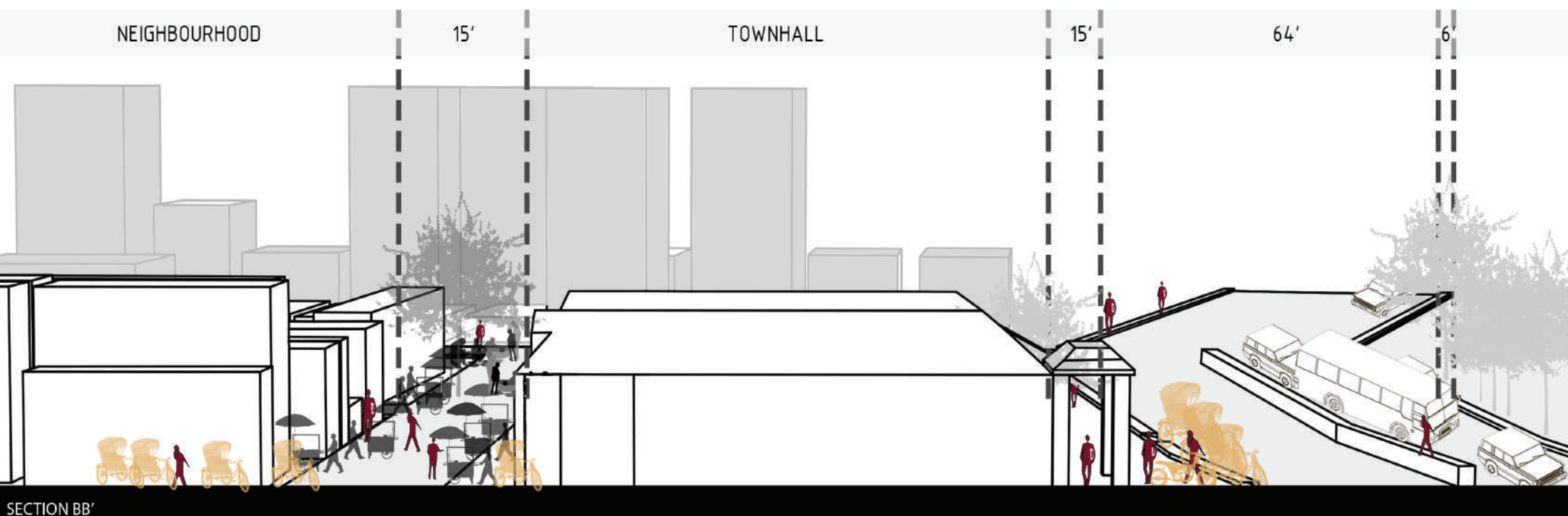
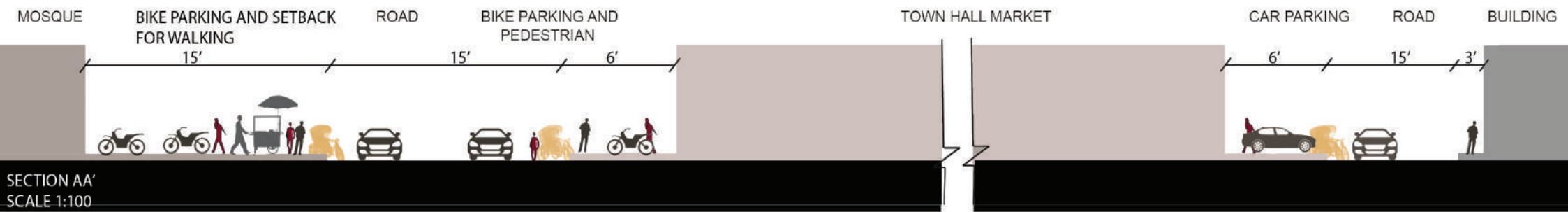
OPEN FIELD

VEGETATION



SHAHID PARK

SECTIONS :

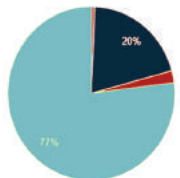


BUILDING USE MAP



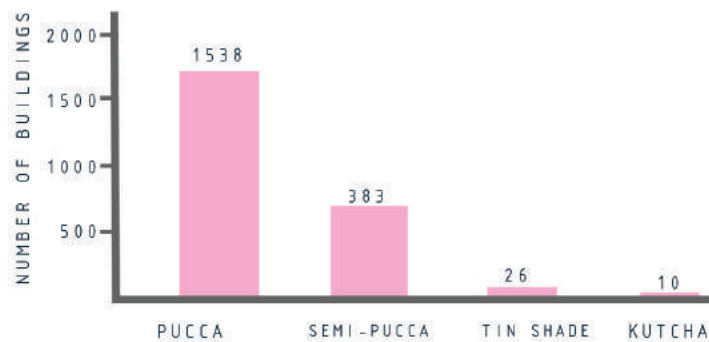
LEGEND

- COMMERCIAL
- RESIDENTIAL
- RELIGIOUS
- EDUCATIONAL



BUILDING USE PERCENTAGE

STRUCTURE TYPE :

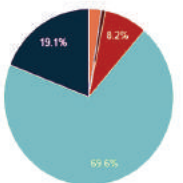


HEIGHT MAP

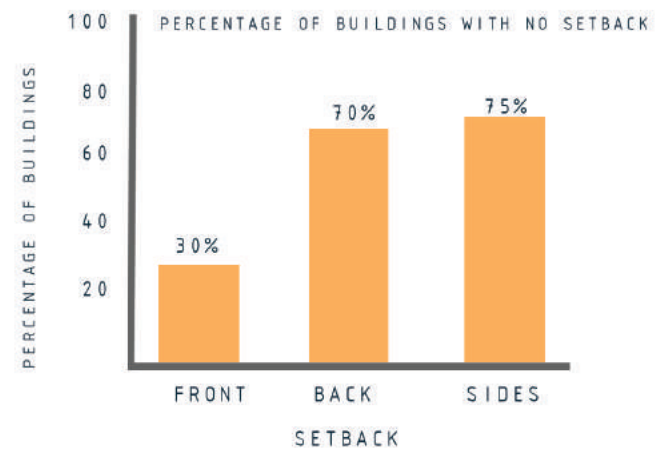


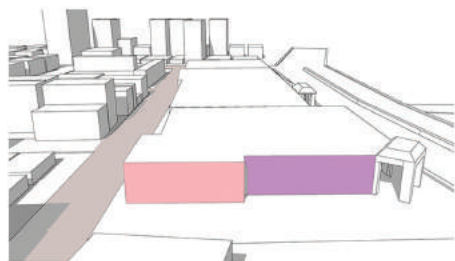
LEGEND

- 1 STOREY
- 2-3 STOREYS
- 4-5 STOREYS
- 6-7 STOREYS
- 8+ STOREYS

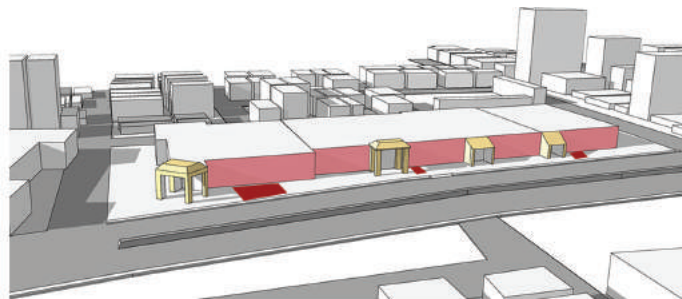


HEIGHT PERCENTAGE





- FRUIT SHOPS
- ELECTRONIC SUPPLIES AND PHARMACIES
- KACHA BAZAAR



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



AREA FOR COBBLERS



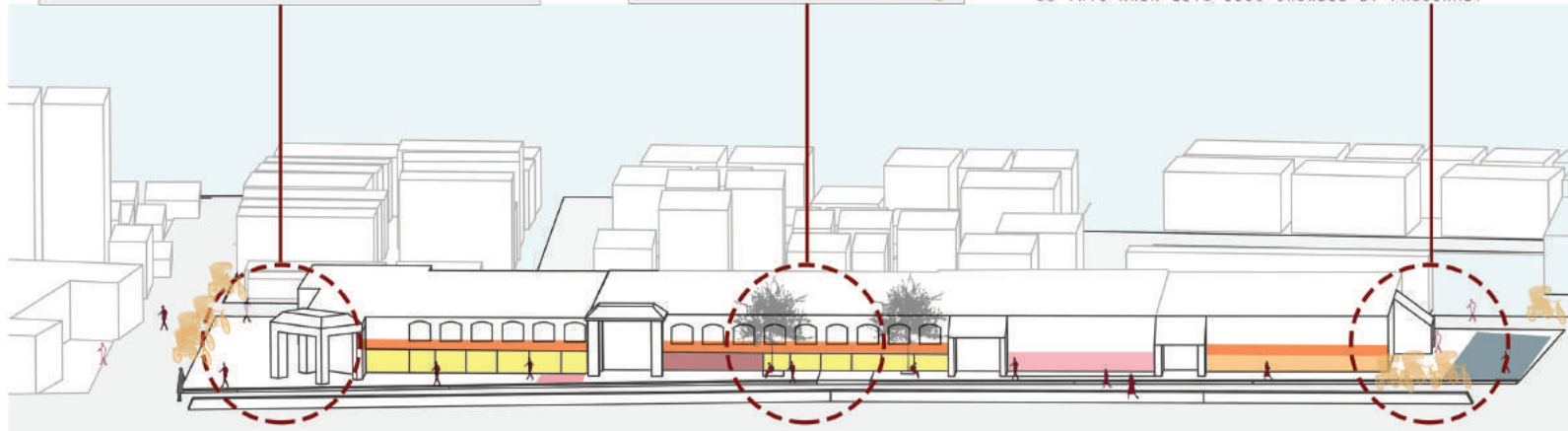
TEMPORARY VENDORS

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

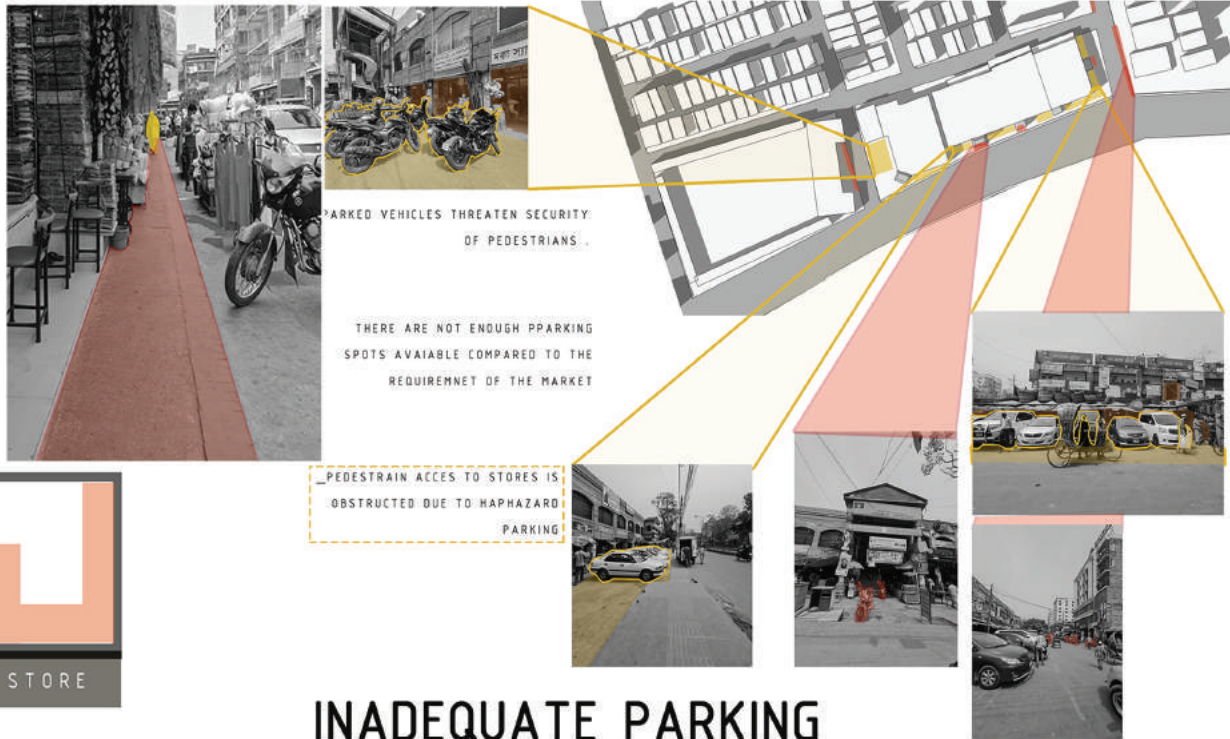
RELATIONSHIP OF PEOPLE WITH THE BUILT

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

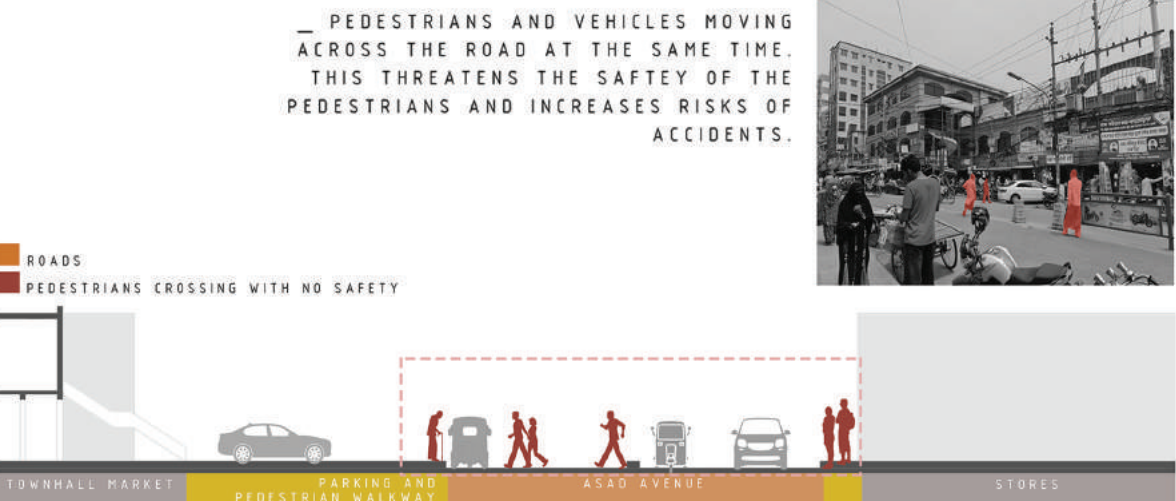


NARROWED PEDESTRAIN WALKWAYS

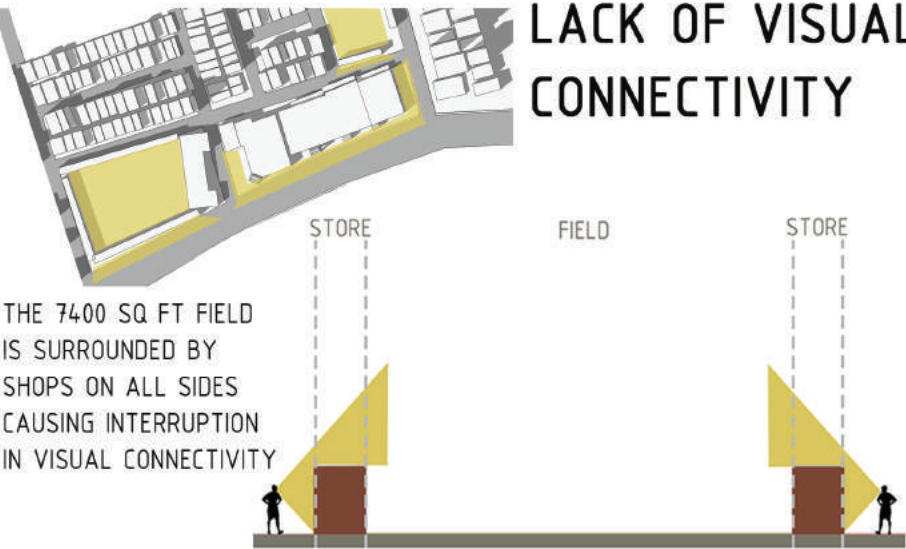


INADEQUATE PARKING

ROAD SAFETY



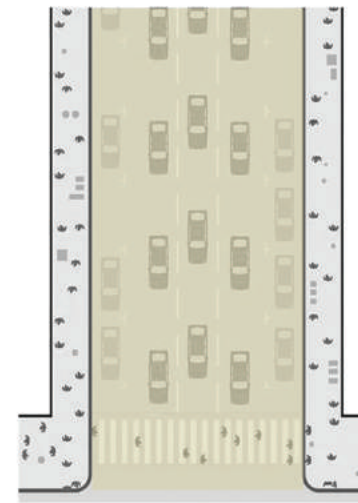
LACK OF VISUAL CONNECTIVITY



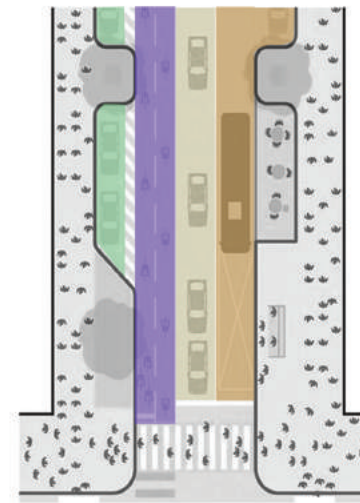


IMPROVING WALKABILITY & ENSURING SAFE VEHICLE AND PEDESTRIAN MOVEMENT

FIGURATIVE SECTION



NO SEPARATE LANES

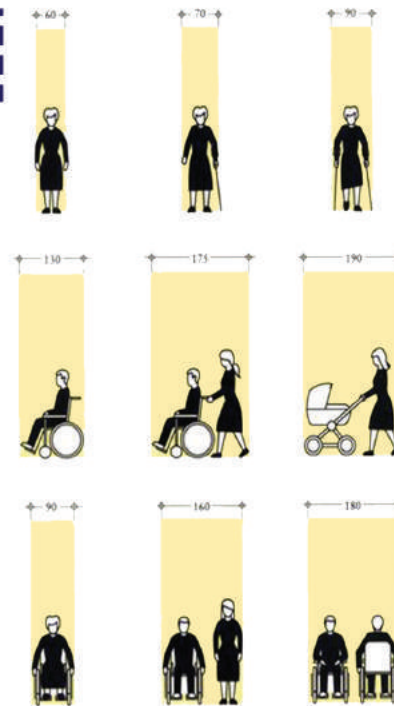


MULTIMODAL LANES

INCREASING VISUAL CONNECTIVITY



UNIVERSAL ACCESS



CURBS

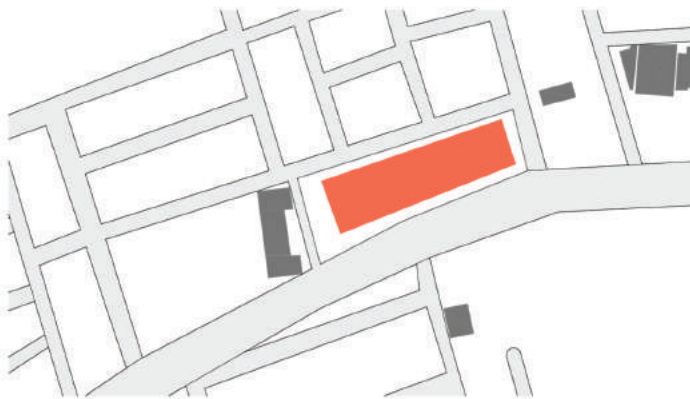


CROSSWALKS

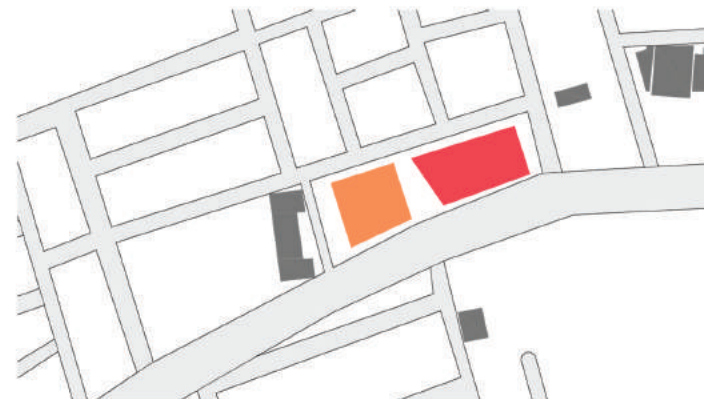




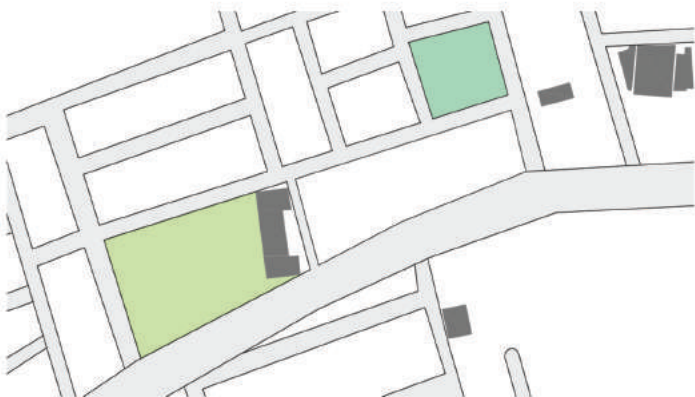
EXISTING SITE PLAN



ADDITION OF BASEMENT PARKING



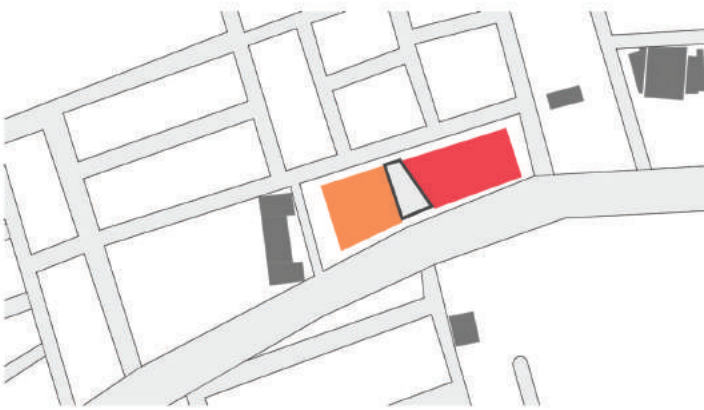
CREATING A THOROUGHFARE FOR PEDESTRAIN MOVEMENT



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

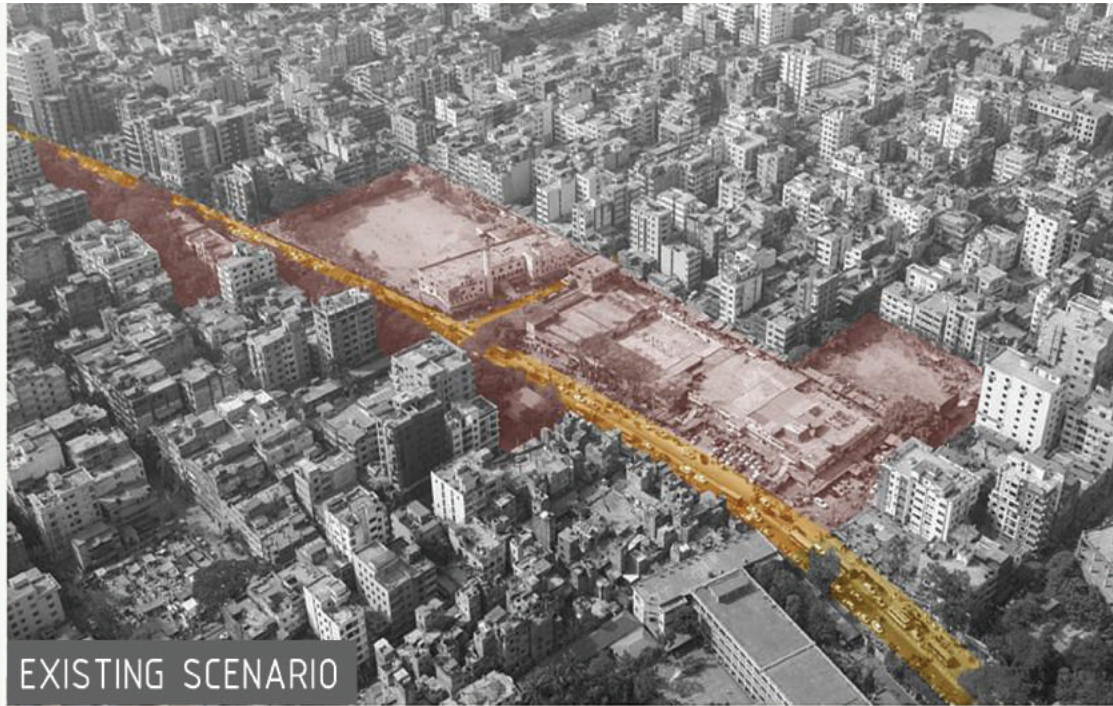


CONNECTING THE GREEN AREAS
-EXISTING VEGETATION
-ADDED VEGETATION



INTEGRATING THE KACHA BAZAAR INSIDE THE THOROUGHFARE





EXISTING SCENARIO



PROPOSED SCENARIO

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

KITCHEN MARKET

SUPERSTORE

SHOPS- (CLOTHING, SHOES, STATIONARY, ELECTRICAL STORES, HARDWARE, PHARMACY)

FOOD COURT

FINE DINING RESTAURANT

ART & CULTURAL CENTER (PAINTING, SCULPTURE, MUSIC, DANCE CLASSES)

SCULPTURE GARDEN

MULTIPURPOSE HALL

LIBRARY

LAW FIRM

ADMINISTRATIVE OFFICES

DAY CARE CENTER

PUBLIC TOILETS

GALLERY

PLAZA

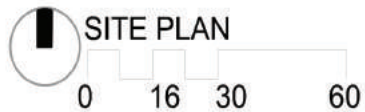
GARDENS (BUTTERFLY GARDEN, HERB GARDEN)

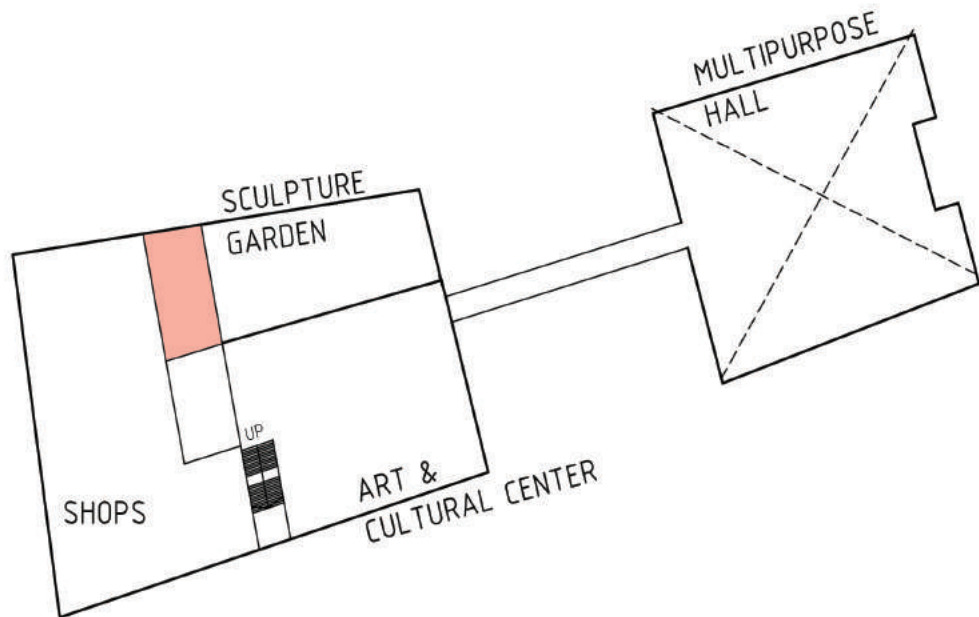
PLAYGROUND



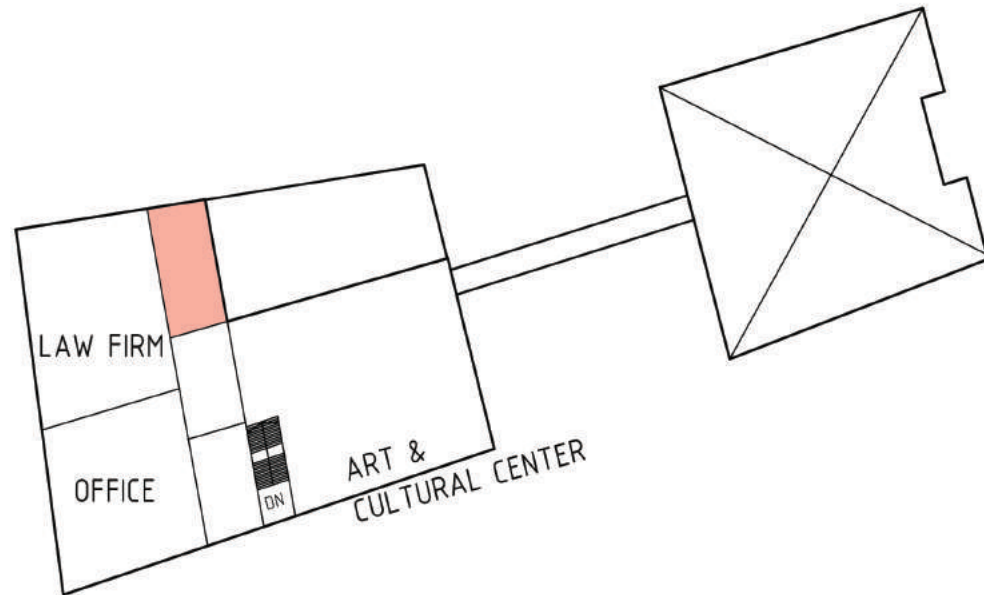
- PEDESTRAIN WALKWAY
- GREEN
- PLAZA
- CORE
- ZEBRA CROSSING
- SHER SHAH SURI RD

- 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



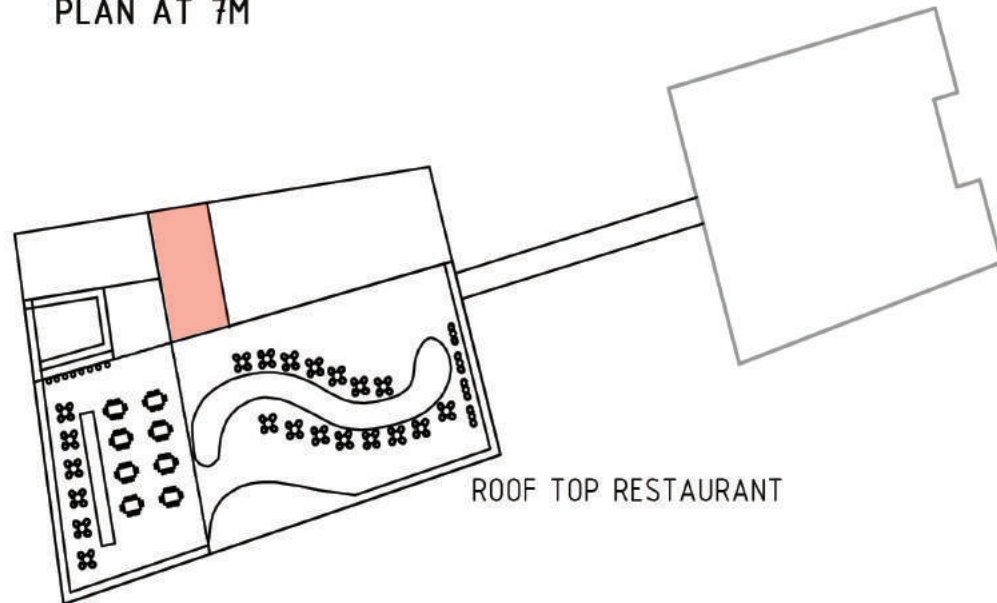


PLAN AT 7M

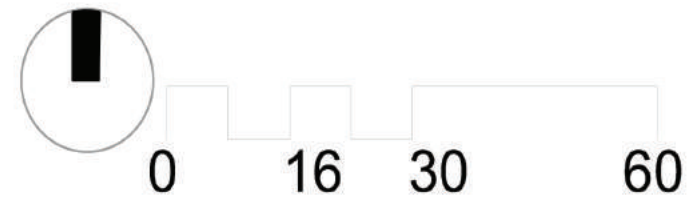


PLAN AT 10M

CORE



PLAN AT 12M



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



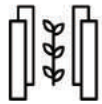
WEEKDAYS



FRIDAY SCENARIO



6AM SCENARIO



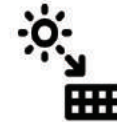
PUBLIC OPEN SPACE
recreational activities
improve health & wellbeing

STREET LIGHTS
for safety

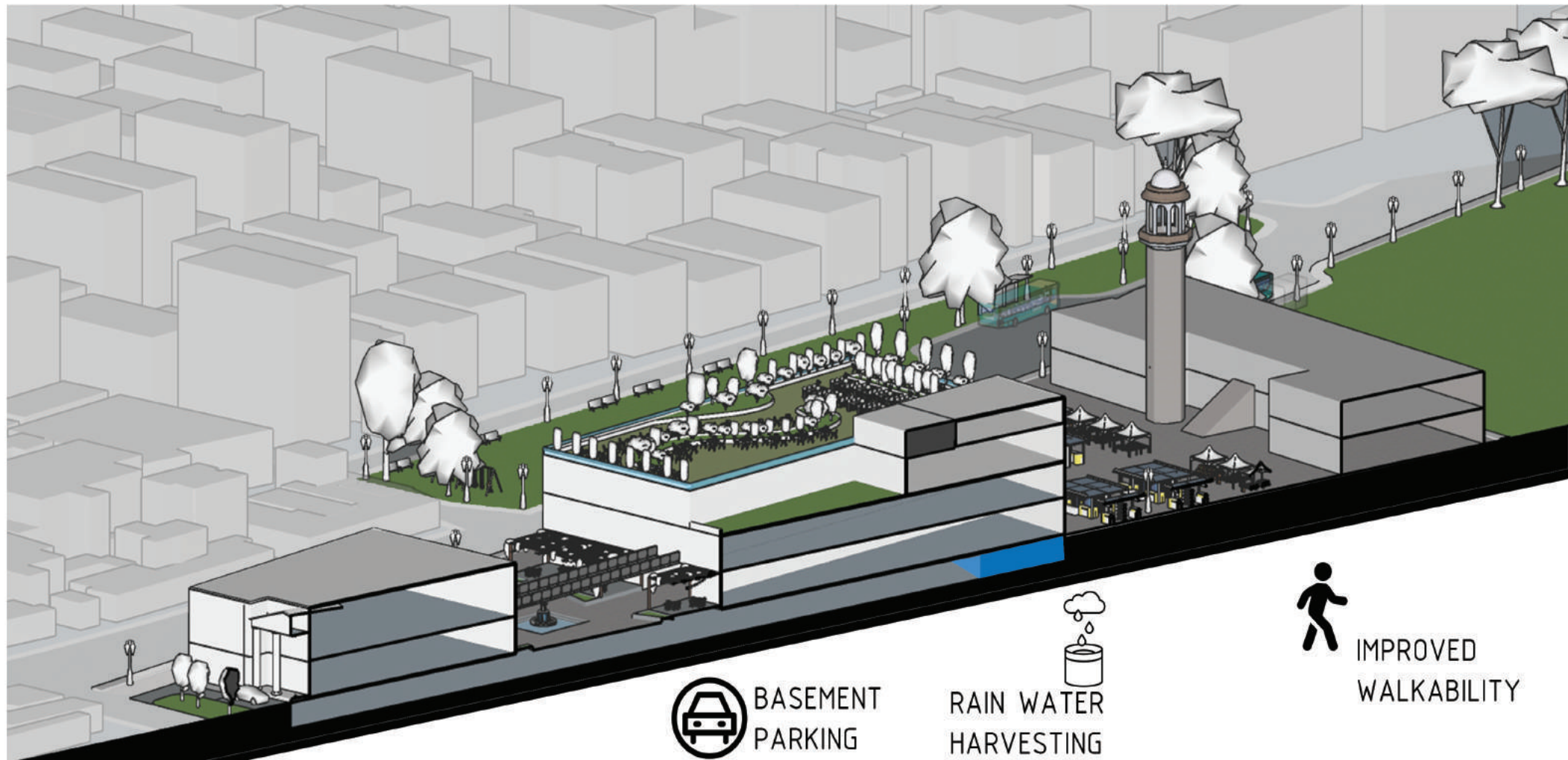


BUS STOPS
easy access
from town hall

PHOTOVOLTAIC CELLS
supports energy
demand



GREEN SPACES
existing 12341 sq m
proposed 14000 sq m



**BASEMENT
PARKING**

**RAIN WATER
HARVESTING**



**IMPROVED
WALKABILITY**



BUS STOP



DROP OFF



PLAYGROUND



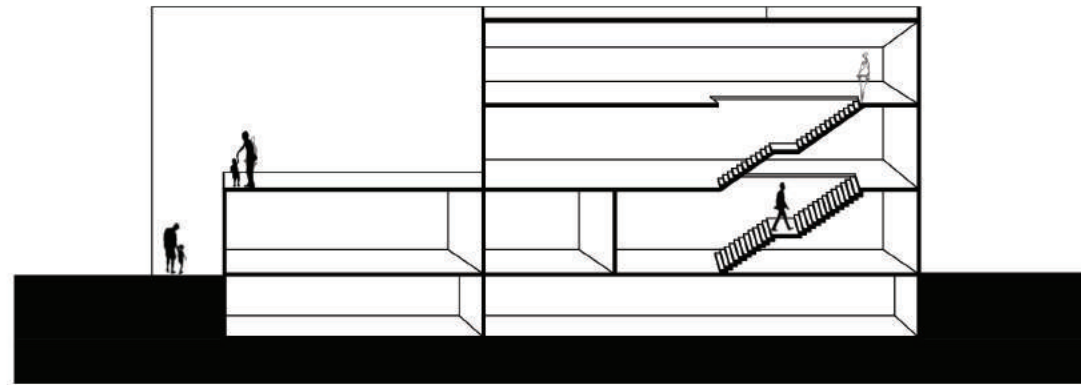
SHAHID PARK



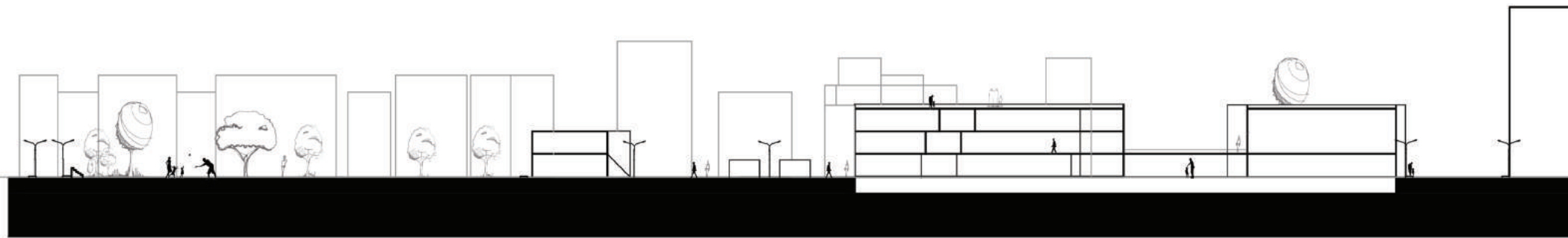


SITE PLAN
0 16 30 60

ROOFTOP RESTAURANT
SECOND FLOOR
FIRST FLOOR
GROUND FLOOR
BASEMENT



SECTION BB
0 8 15 30



SECTION AA
0 8 15 30

COURSE FACILITATORS

IMON CHOWDHOOREE

SIRAJUDDIN RAJU

TASHFIN RAJU