

# PORTFOLIO

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DESIGN VII  
SPRING'21

MAHZABIN MARIUM  
17308005

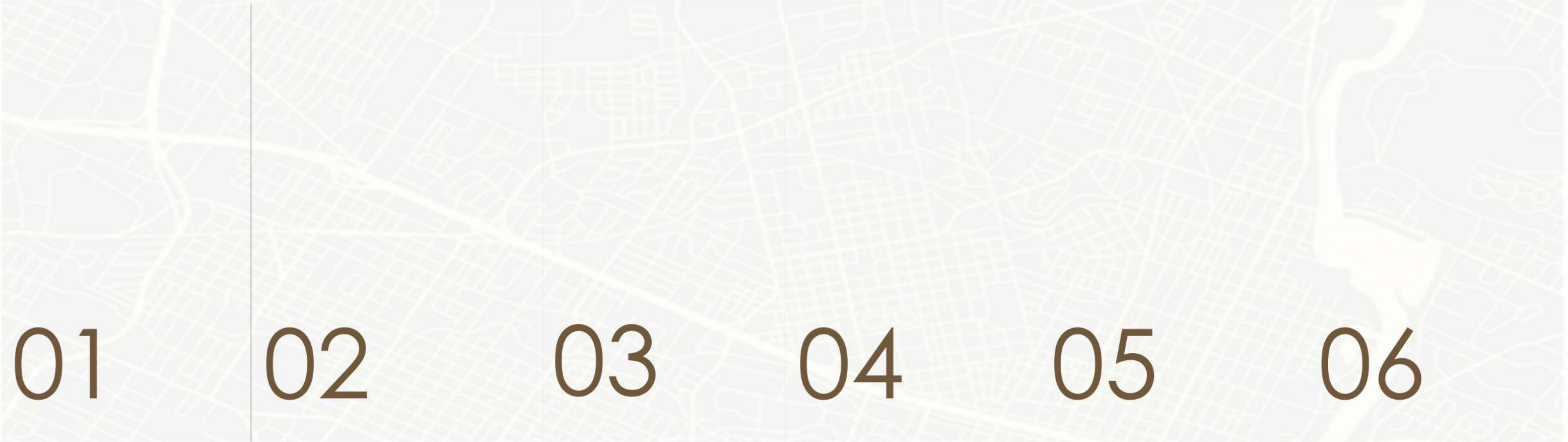
## REVIVING MOHAMMADPUR TOWN HALL

Usually, a town hall or city hall is a building of city administrative authority which is used for the administrative purpose for that city. The term 'hall' is used as the building usually accommodates a big hall room or assembly place where any meeting with councilors or stakeholders can be held. Gradually town halls in Europe, UK and Australia started to accommodate facilities for various civic and cultural activities, like, exhibitions, art shows, stage performances, festivals etc. Modern city halls are designed in a more flexible way so that these may cater the citizens in various way and can be identified as an iconic or symbolic place for the city, connecting the built environment with the social environment.

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

This projects aims to develop students design ability to design habitats and living environments considering different social, culture, political, and economic parameter with sustainable design

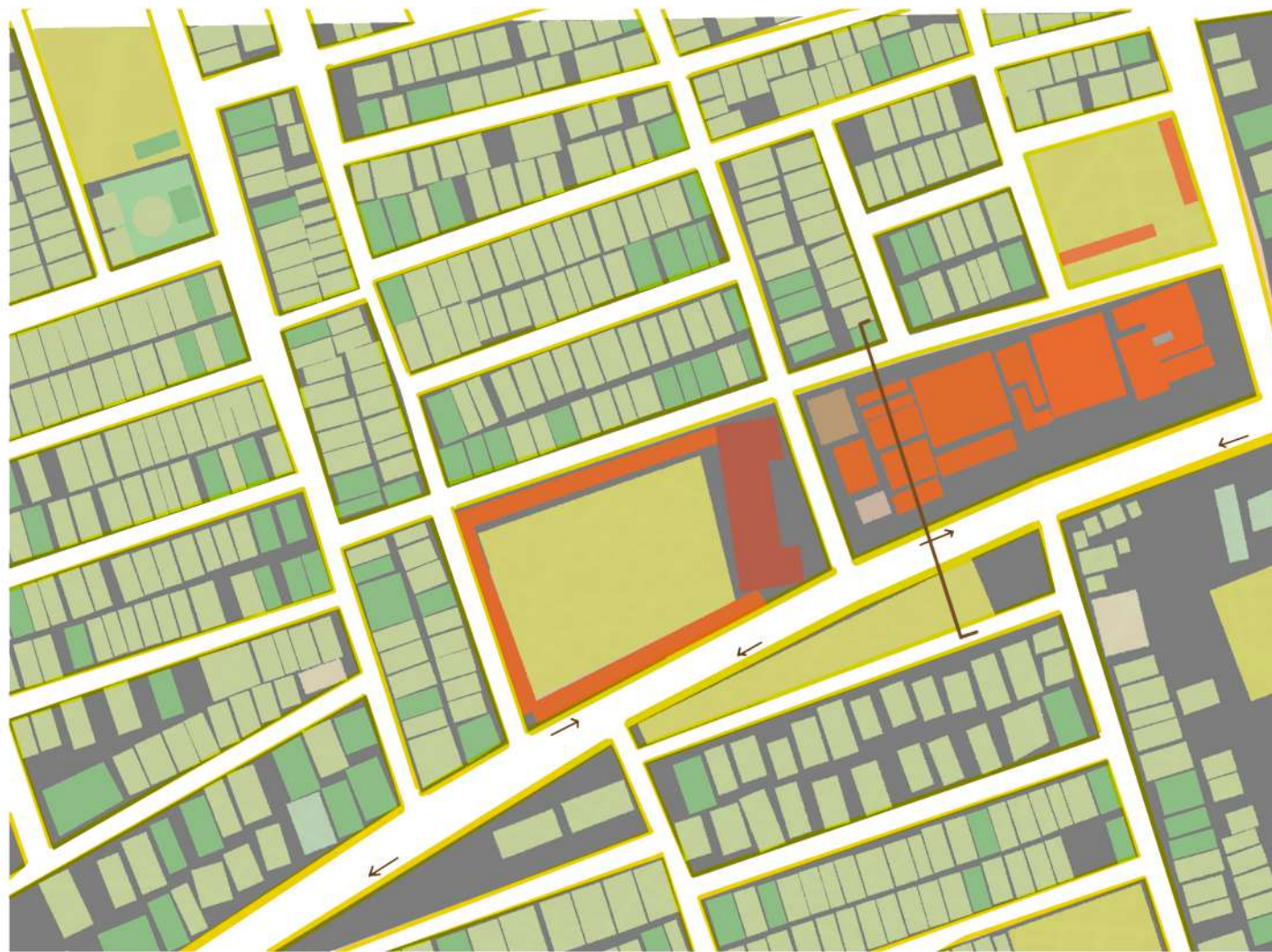
**Duration : 6 weeks**



|          |          |        |            |        |             |
|----------|----------|--------|------------|--------|-------------|
| 01       | 02       | 03     | 04         | 05     | 06          |
| ANALYSIS | FINDINGS | ISSUES | STRATEGIES | DESIGN | 3D DRAWINGS |

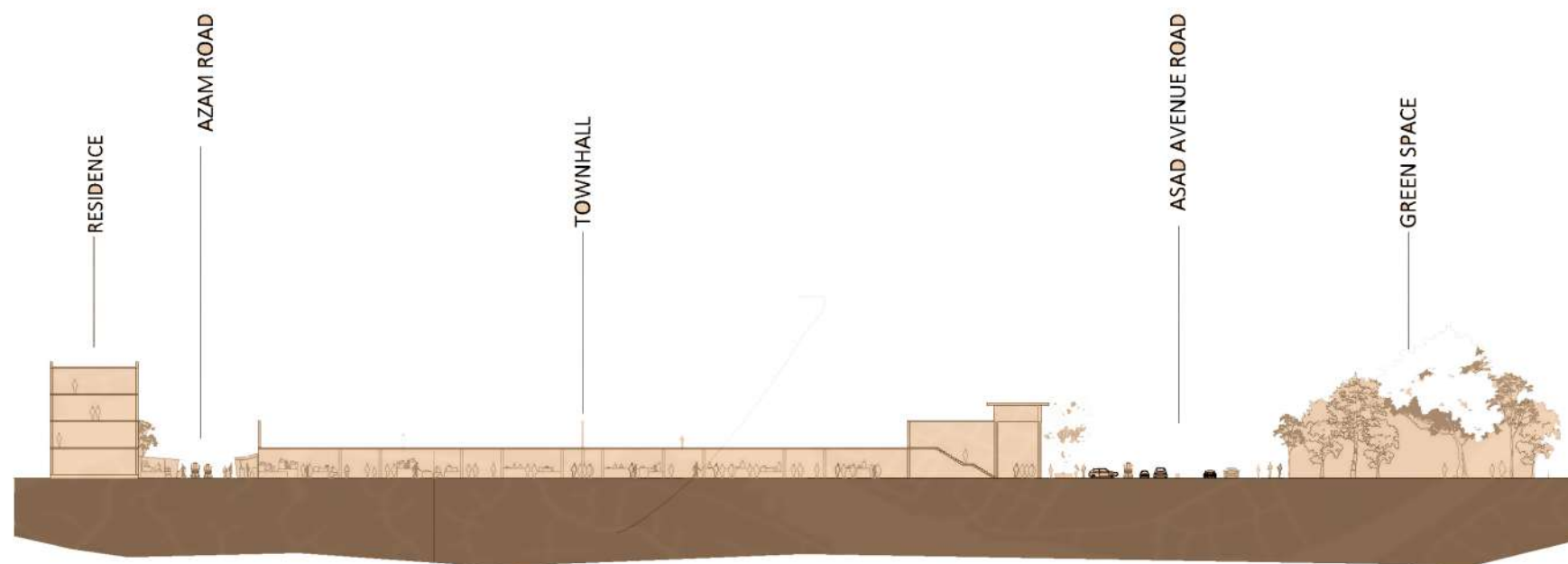


C O N T E N T S



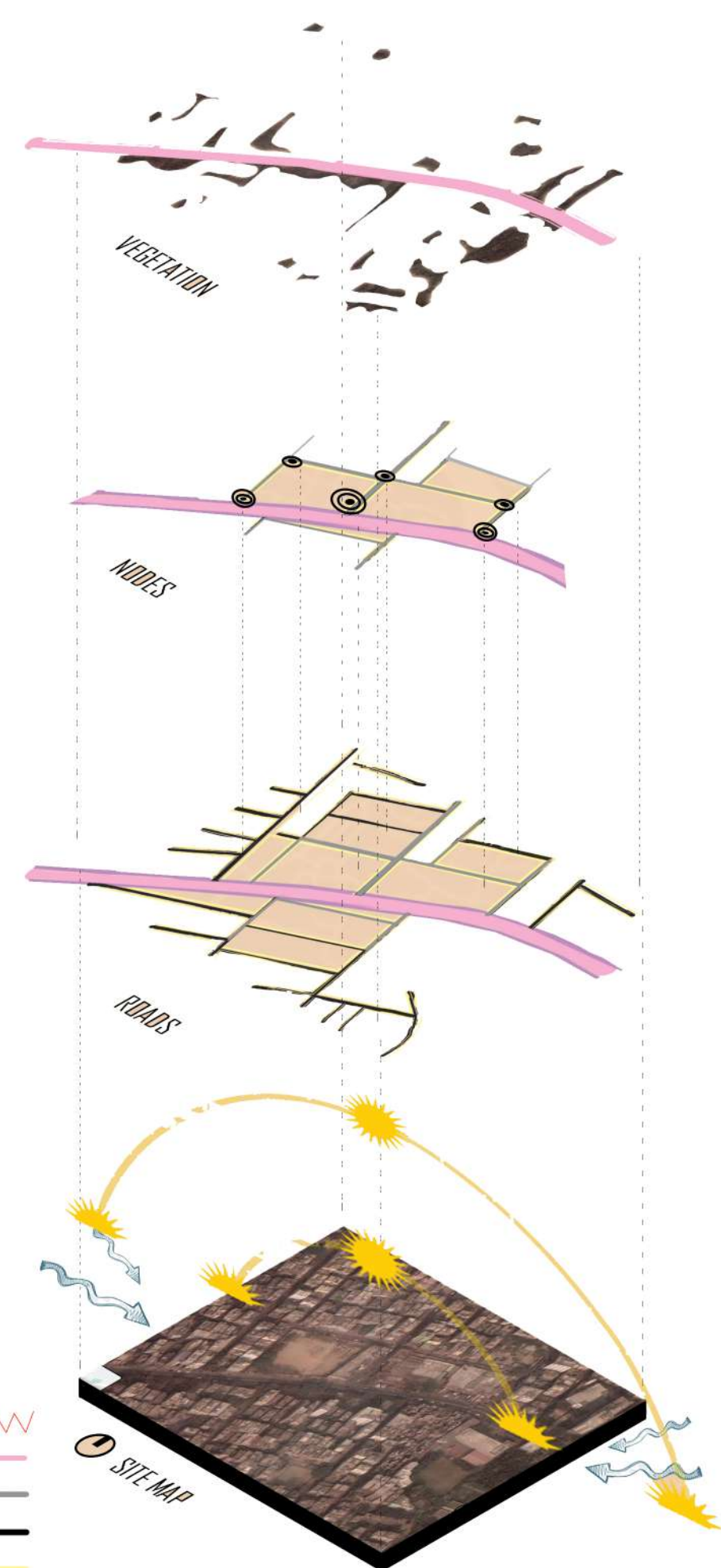
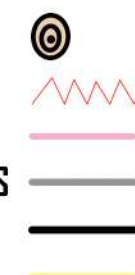
## LEGENDS

|                                                                                                  |                                                                                                        |                                                                                                  |                                                                                              |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  FIELD / PARK |  LIBRARY            |  ROAD       |  MARKET |
|  MOSQUE       |  COUNCILOR'S OFFICE |  PEDESTRIAN |                                                                                              |



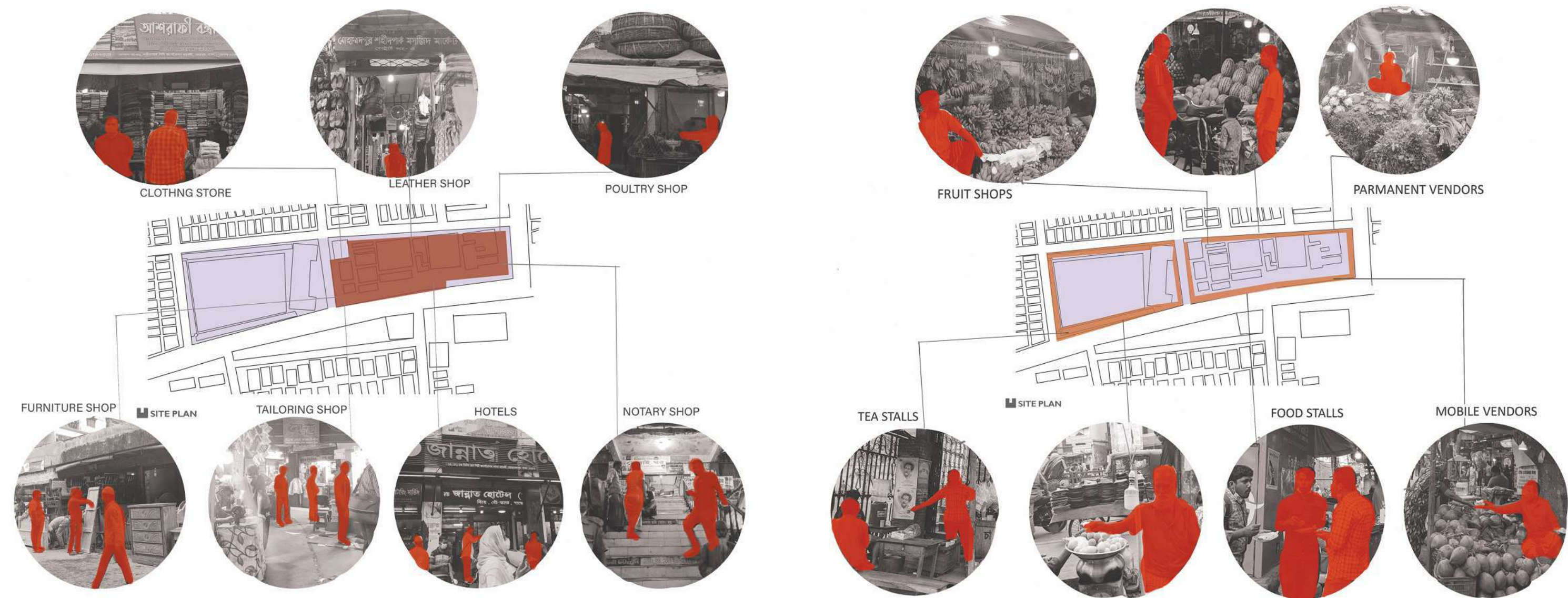
## KEY

NODE  
 NOISE  
 MAIN ROAD  
 SECONDARY ROADS  
 PRIVATE ROADS  
 PEDESTRIAN



# S I T E A N A L Y S I S

ANALYSIS



LOST THE MAIN GOAL OF “TOWNHALL”

USER ANALYSIS (AGE)



NO CULTURAL ACTIVITY



NO FORMAL GATHERING



NOW A MARKET PLACE



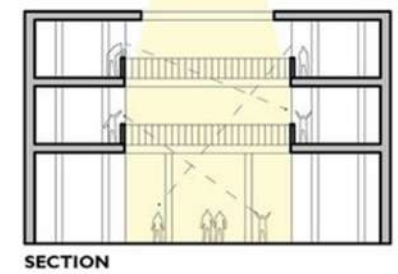
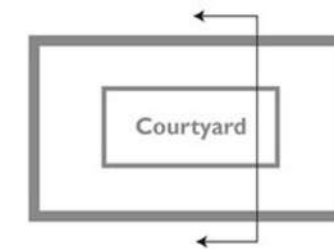
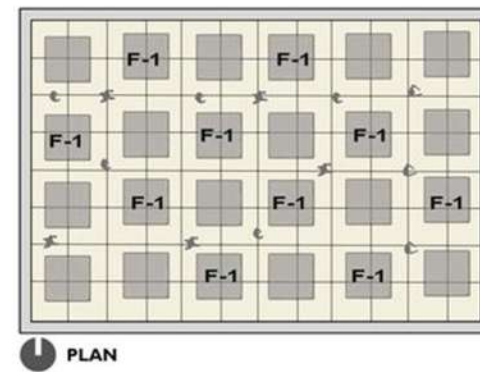
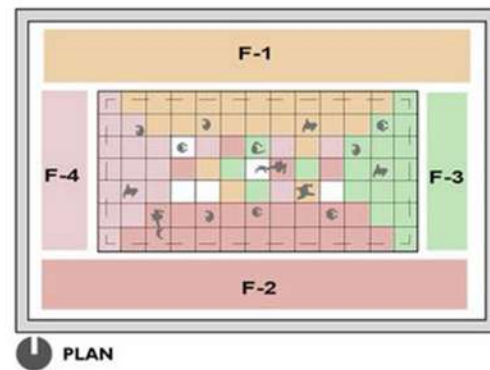
51<  
24>  
25-50



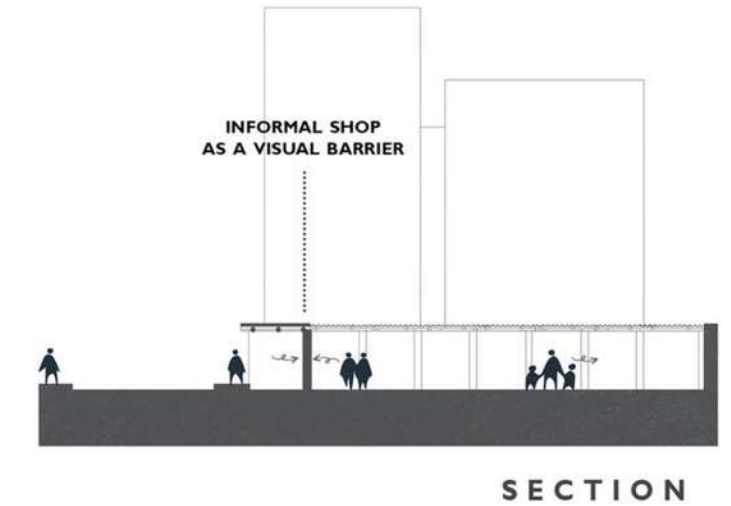
MOST OF THE USERS ARE MIDDLE AGE GROUP. CONSUMERS AND BUYERS MEET SELLERS HERE. NO LUXURY OR EXPENSIVE PRODUCT. LOWER INCOME GROUP, LOWER-MIDDLE INCOME GROUP, MIDDLE INCOME GROUP MOSTLY COME. RARE UPPER-MIDDLE AND UPPER INCOME GROUP PEOPLE.

# FINDING FROM ANALYSIS

- HIERARCHICAL INTERCHANGE OF BUILT FABRIC
- LOSS OF VISUAL CONNECTIVITY
- REDUCED NUMBER OF ACCESSIBLE CHOICE
- EVOLUTION IN BUILT FORM



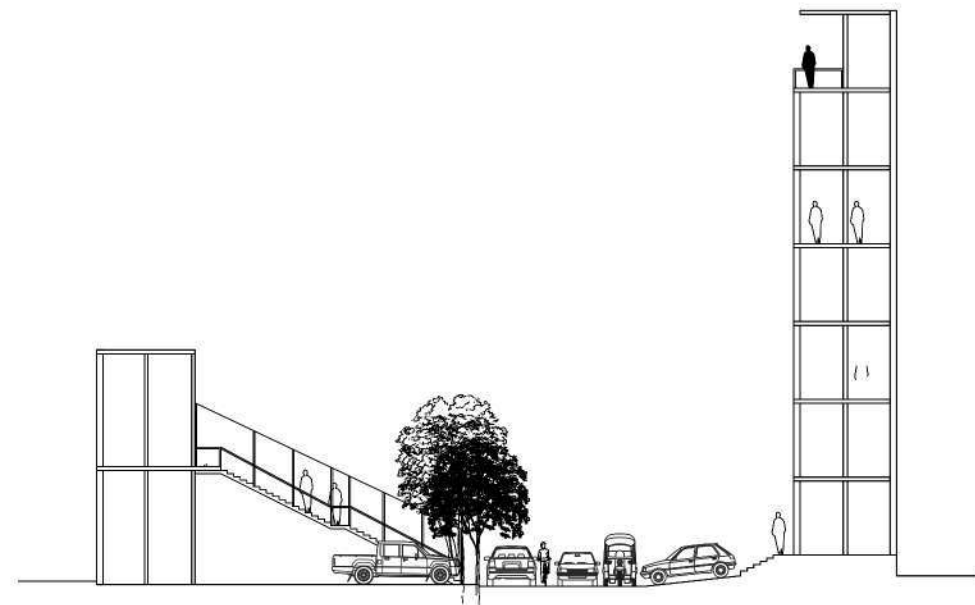
- LESS INTERACTION WITH BUILT ENCLOSURE
- LAND LOSS ASSOCIATION WITH URBANIZATION
- ABSENCE OF GREEN PATCH
- INSUFFICIENT SEATING



# ISSUE IDENTIFICATION

01

**ABSENCE OF  
WALKABILITY**



02

**ABSESNC OF FUNCTIONAL  
SPACE DISTRIBUTION**

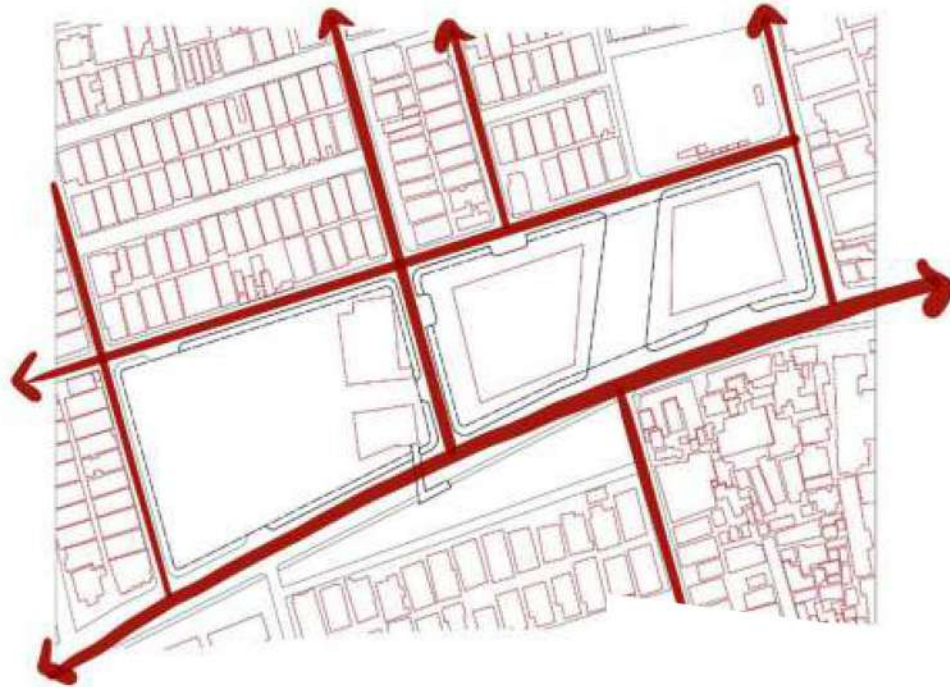


03

**LACK OF GREEN PATCH  
AND BREATHING SPACE**



# STRATEGIES



## IMPROVE WALKABILITY

THE SPACES ARE IMPROVED BY CHANGING ROAD ACCESSSES, CREATING PEDESTERIAN FRIENDLY WALKWAYS AND ENCOURAGING PUBLIC TRANSPORT



## CREATE INTERACTIVE AND COMMUNITY SPACES

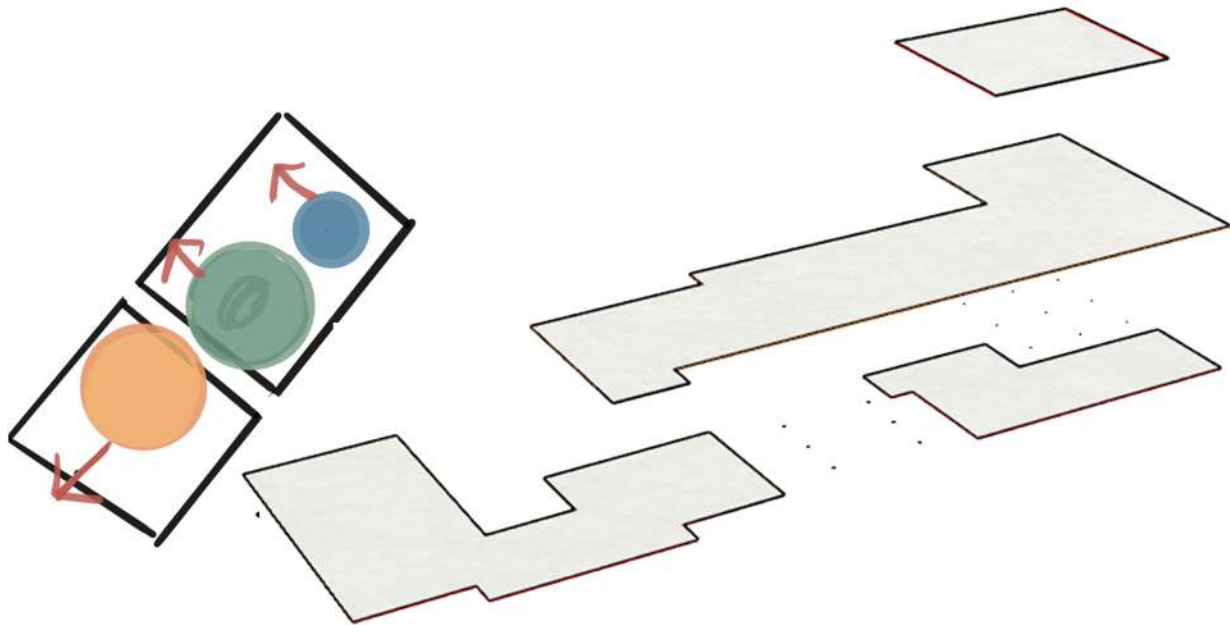
CREATING DIFFERENT LAYERS OF PUBLIC SPACES AND CHANGING THE QUALITY OF EXISTING PLACES



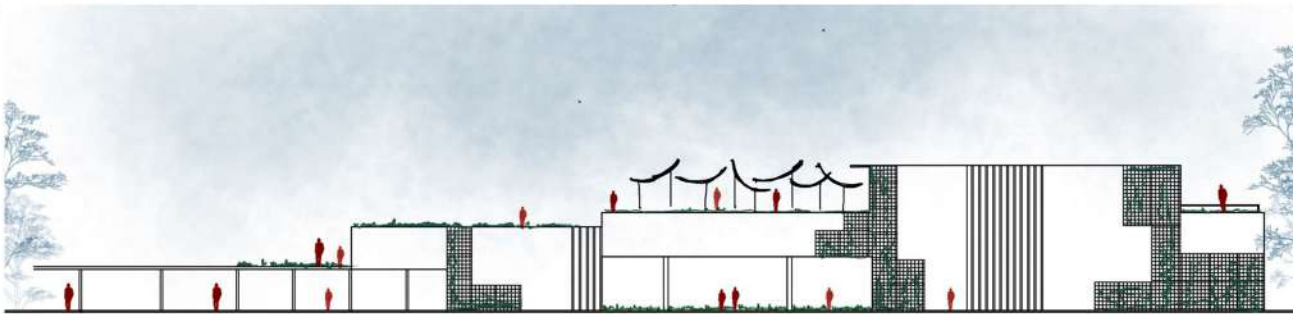
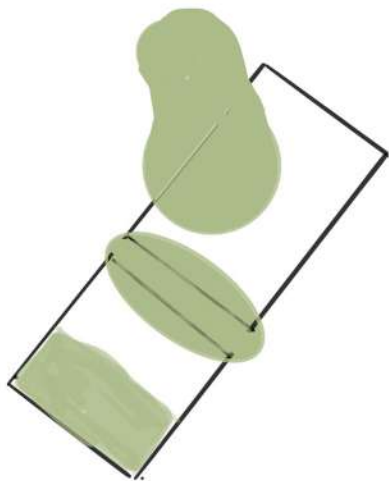
## INCREASE VEGETATION

INCREASE VEGETATION AND GREEN PATCHES AROUND THE SITE

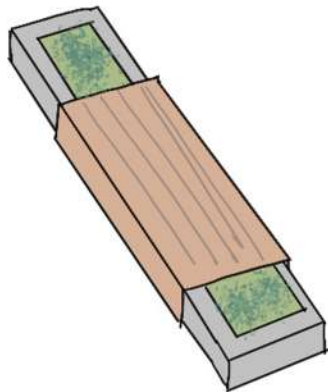
# DESIGN CONSIDERATIONS



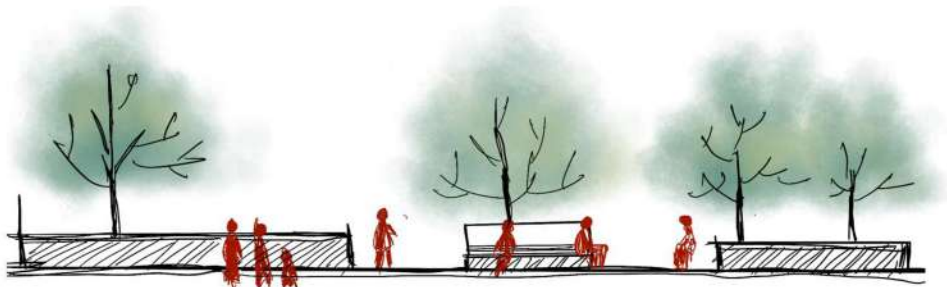
CREATE DIFFERENT ZONES AND LAYERS



ADD SUSTAINABLE FEATURES AND CONNECT GREEN ZONES



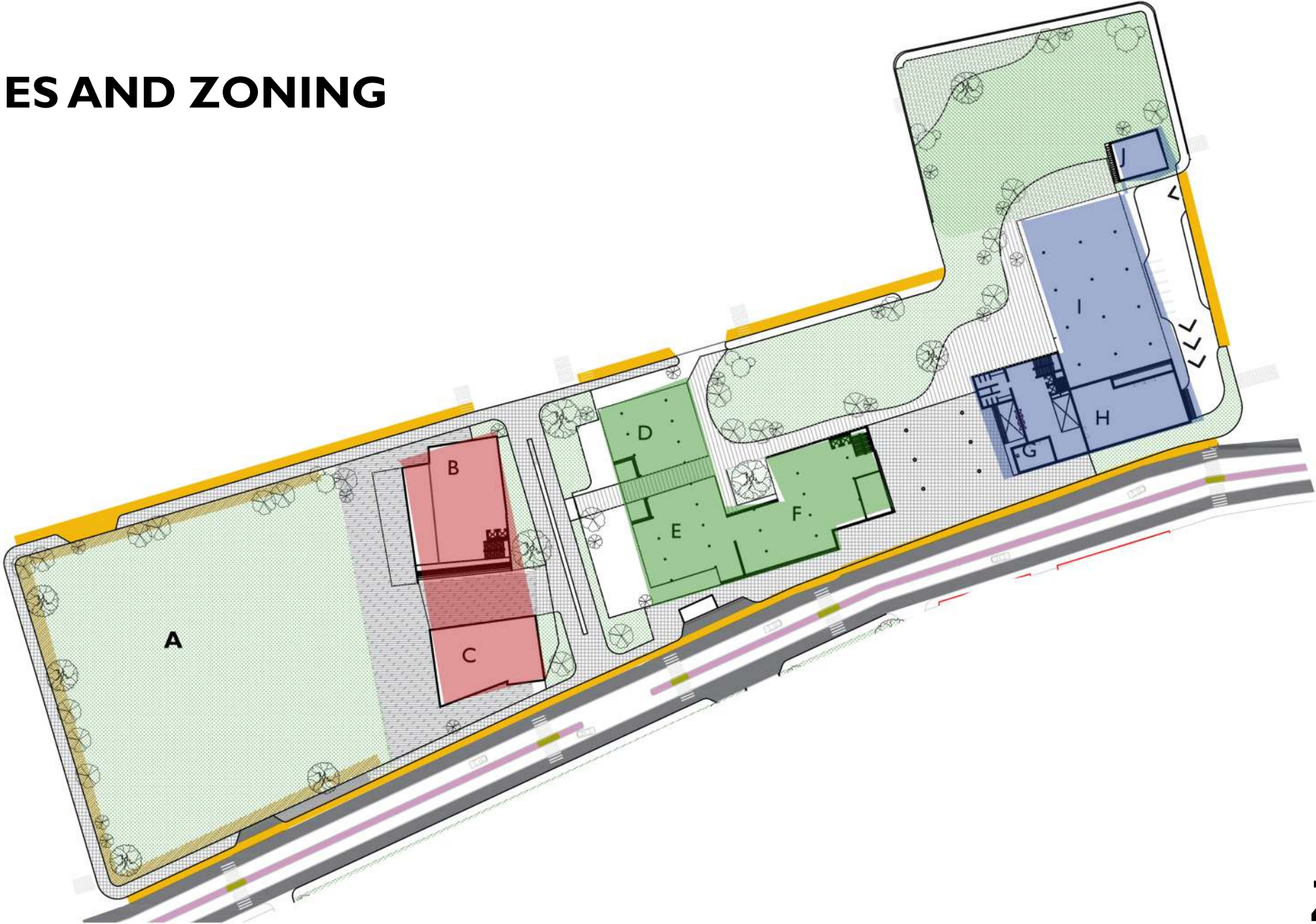
DESIGN OUTDOOR FURNITURES



- ACCESSABLE LANE
- PEDESTRIAN WALKWAY
- CYCLE LANE

WELL CONNECTED TO CITY FABRIC

PROGRAMES AND ZONING



**ZONE 1**  
**(RELIGIOUS ZONE)**

- LIBRARY
- OUTDOOR CAFE
- BOOKSTALL
- FIELD
- MOSQUE

**ZONE 2**  
**(ECONOMIC ZONE)**

- WET MARKET
- FURNITURE SHOP
- MARKET
- FOODCOURT
- ATM BOOTH
- PUBLIC TOILET

**ZONE 3**  
**(CULTURAL ZONE)**

- MULTIPURPOSE HALL
- WOMEN TRAINING CENTRE
- DAY CARE
- EXHIBITION SPACE
- FOODCOURT
- COUNSCILOR’S OFFICE



## LEGEND

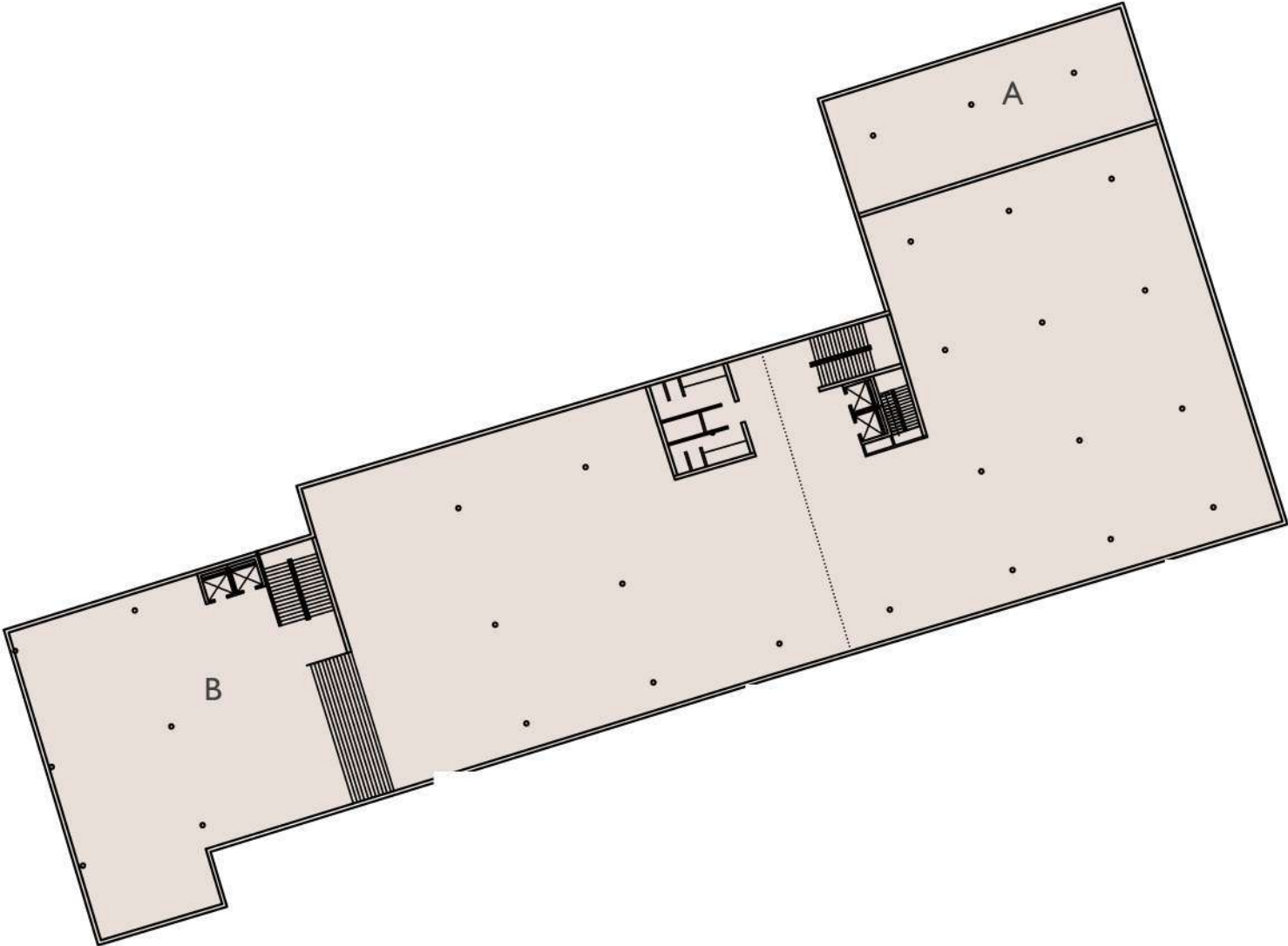
- A FIELD
- B LIBRARY
- C BOOKSHOPS
- D KITCHEN MARKET
- E DRY MARKET
- F FURNITURE SHOPS
- G ATM BOOTH
- H WOMENSTRAINIG CENTRE
- I EXIBITION SPACE:
- J DAY CARE
- K CAFE



## GROUND FLOOR LEVEL PLAN

0 10 10 20 20 50

FLOOR PLANS

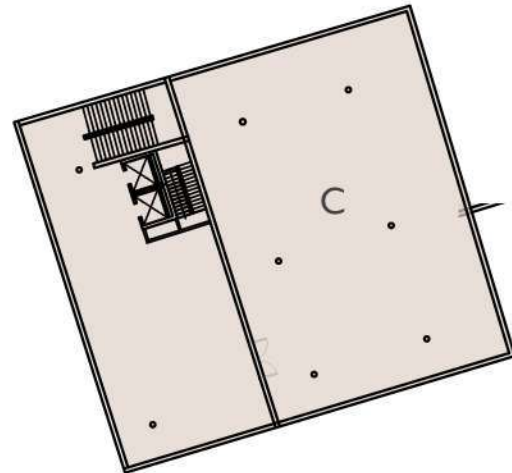
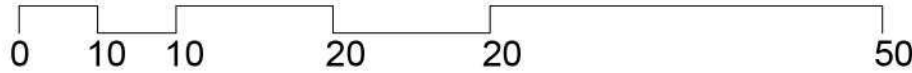


LEGEND

- A OFFICE
- B MARKET



FIRST FLOOR PLAN

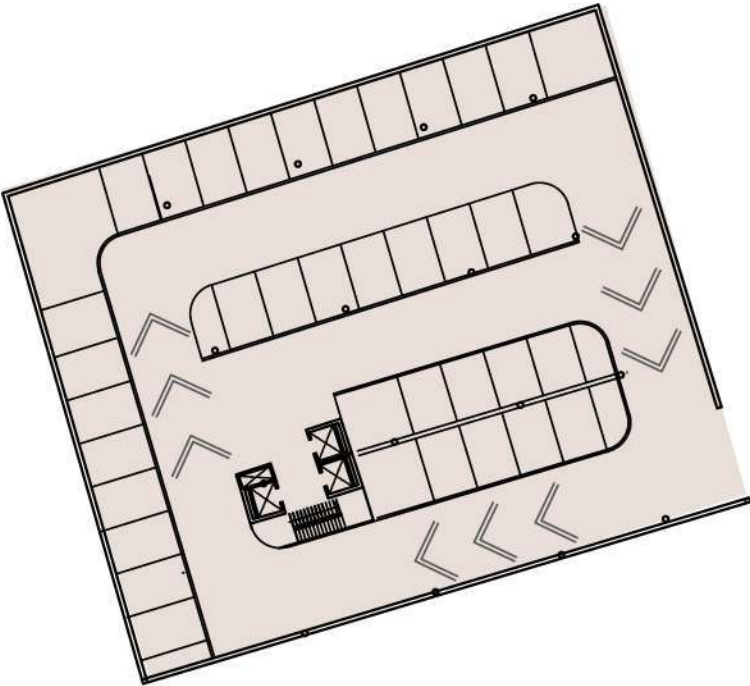
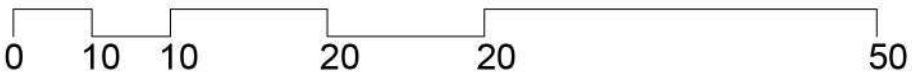


LEGEND

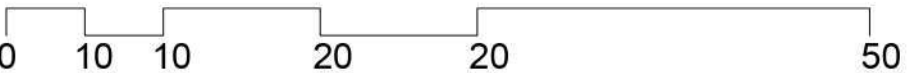
- C MULTUPURPOSE HALL



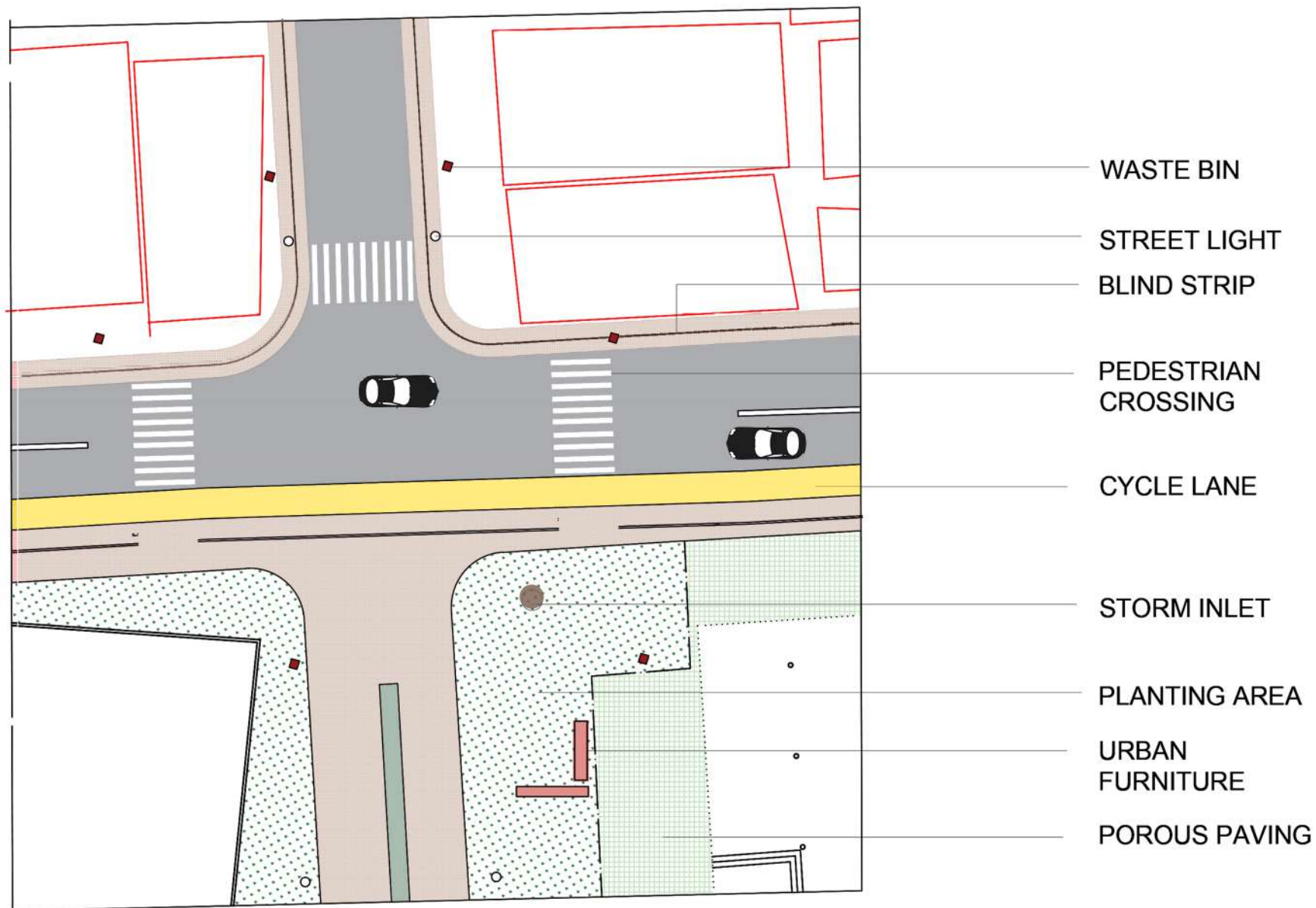
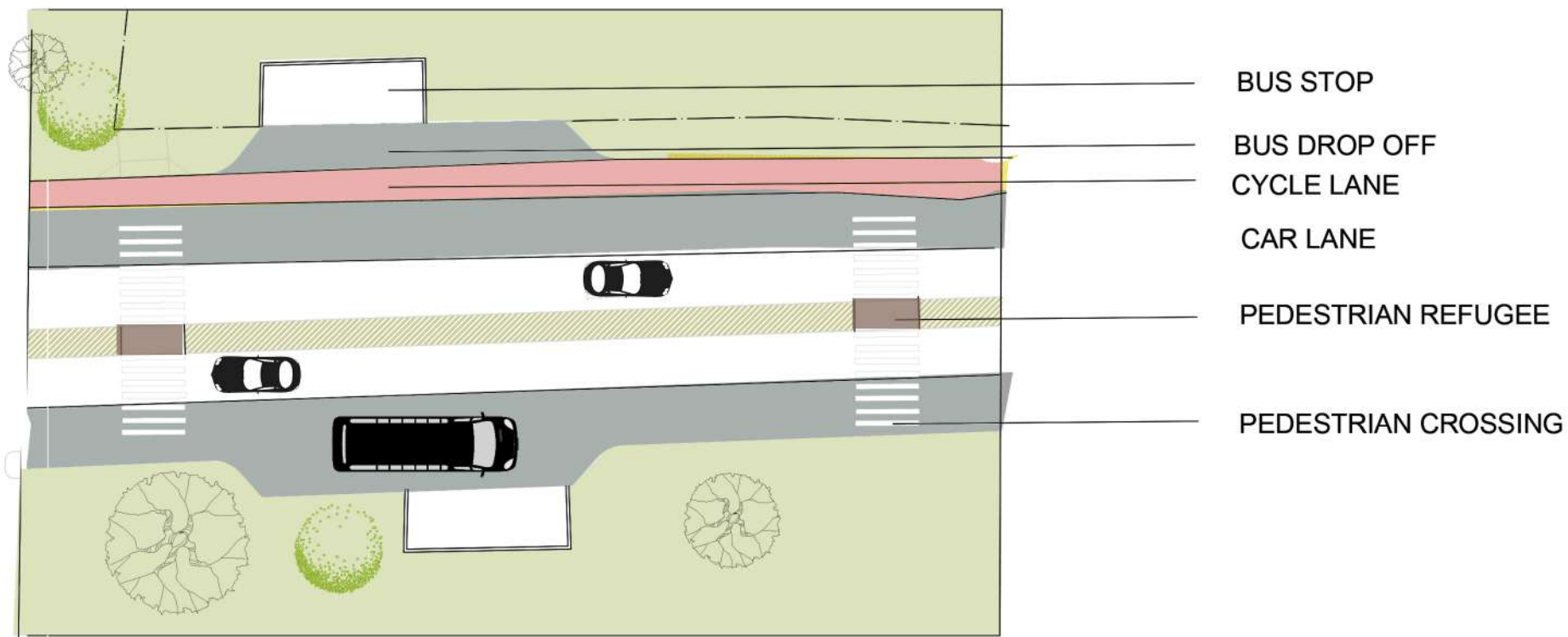
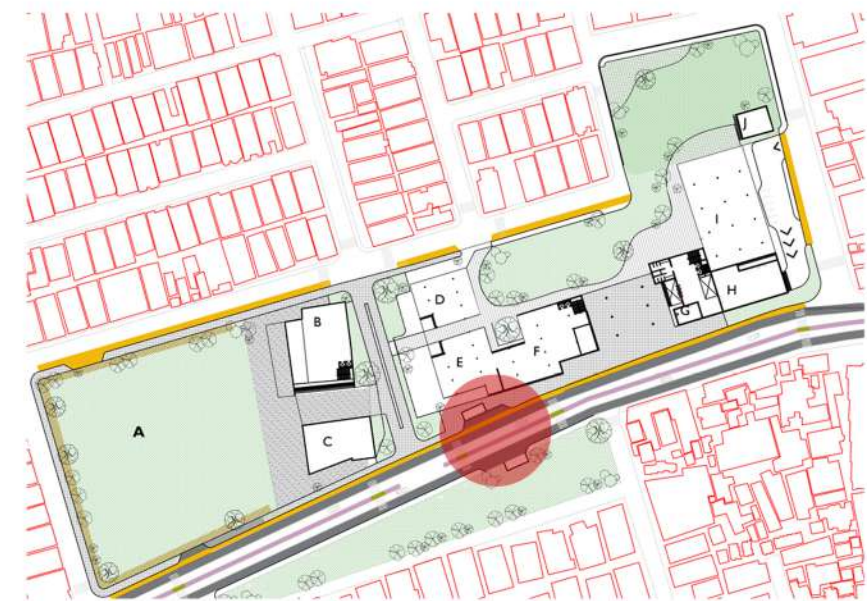
SECOND FLOOR PLAN



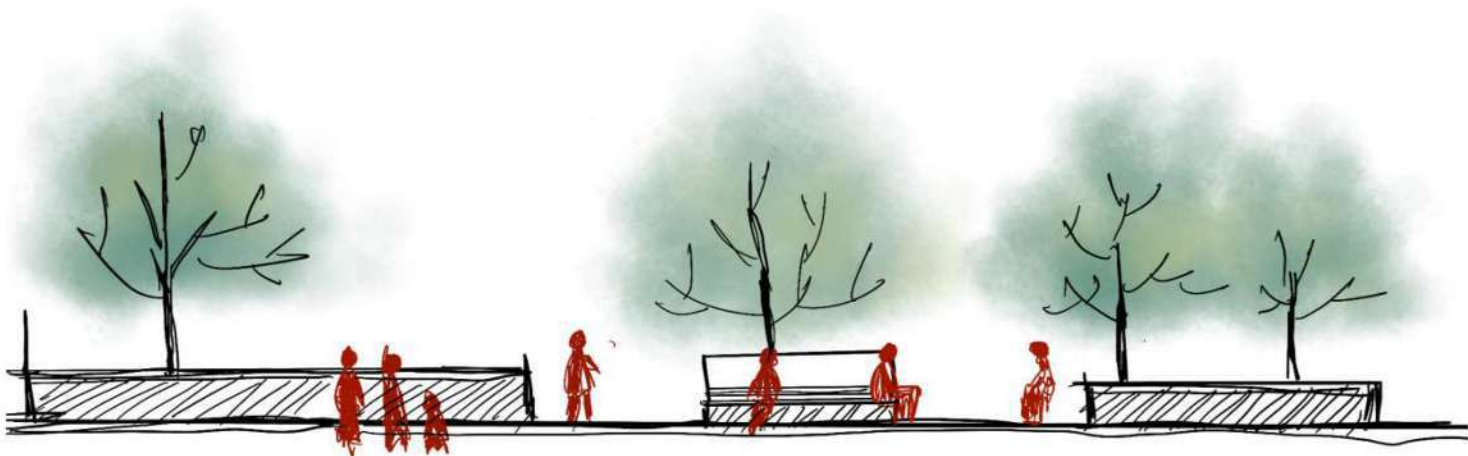
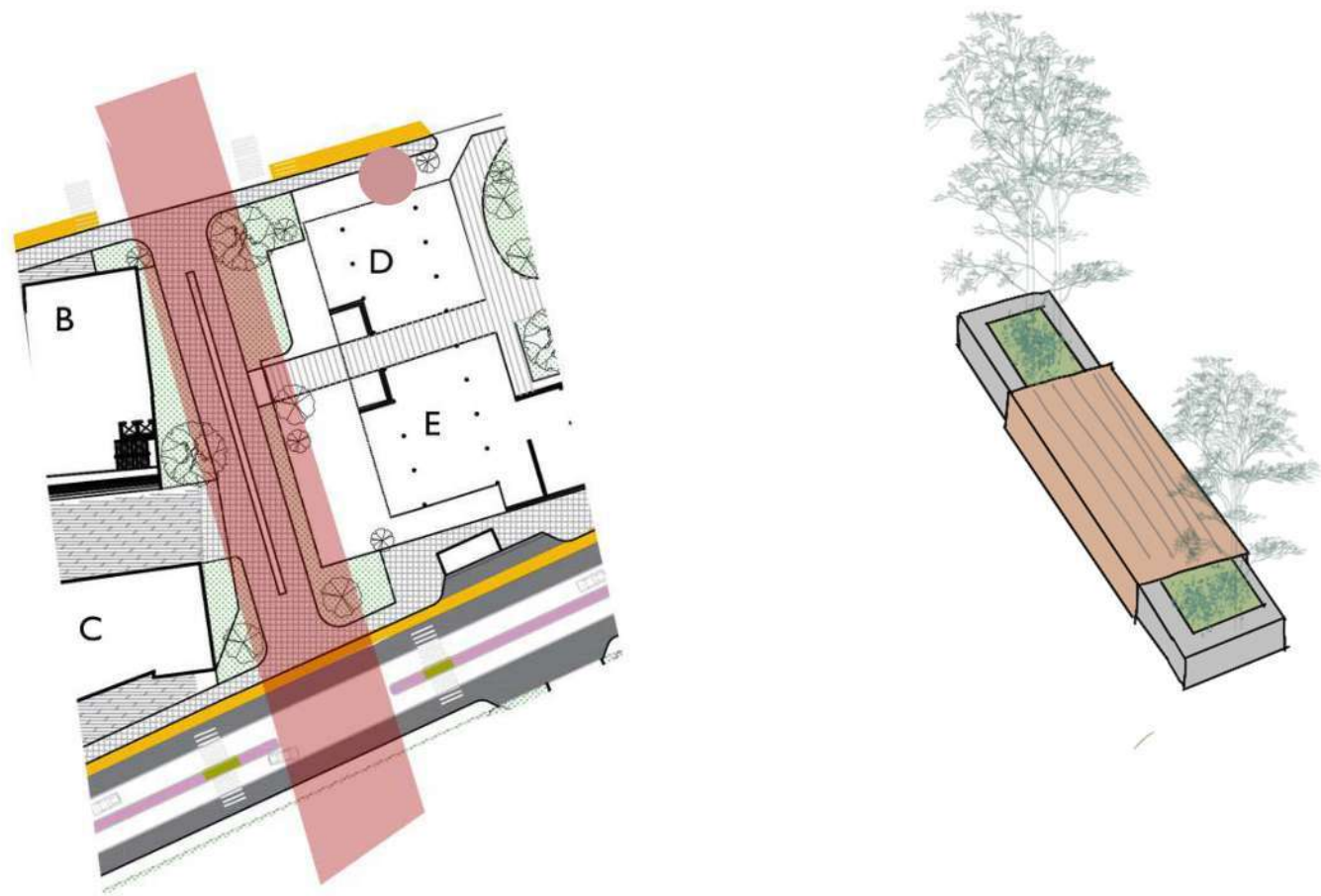
BASEMENT



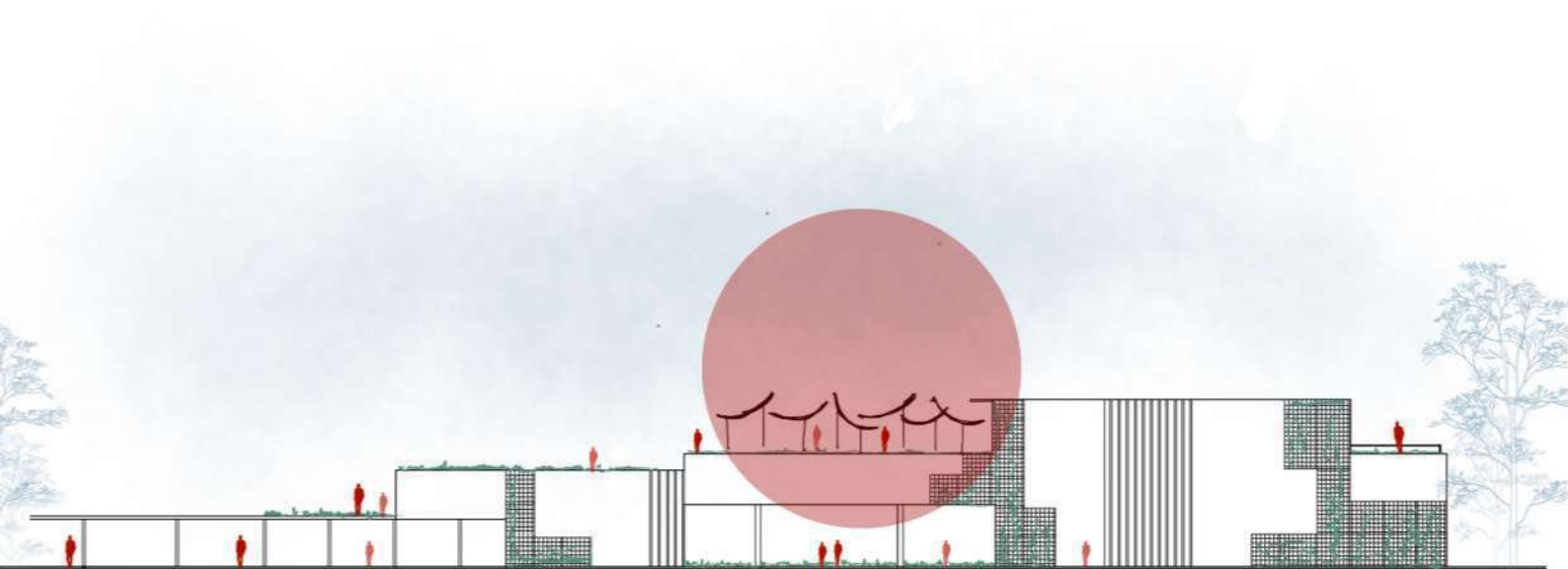
# DETAILS



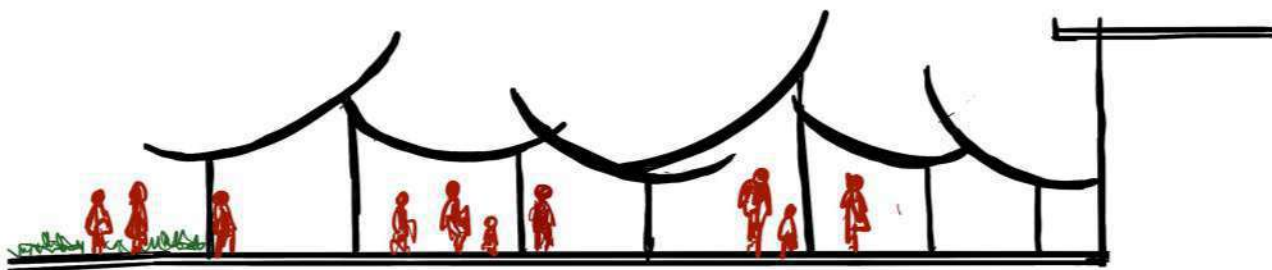
# CONCEPTUAL SKETCHES



OUTDOOR SITTING AREA

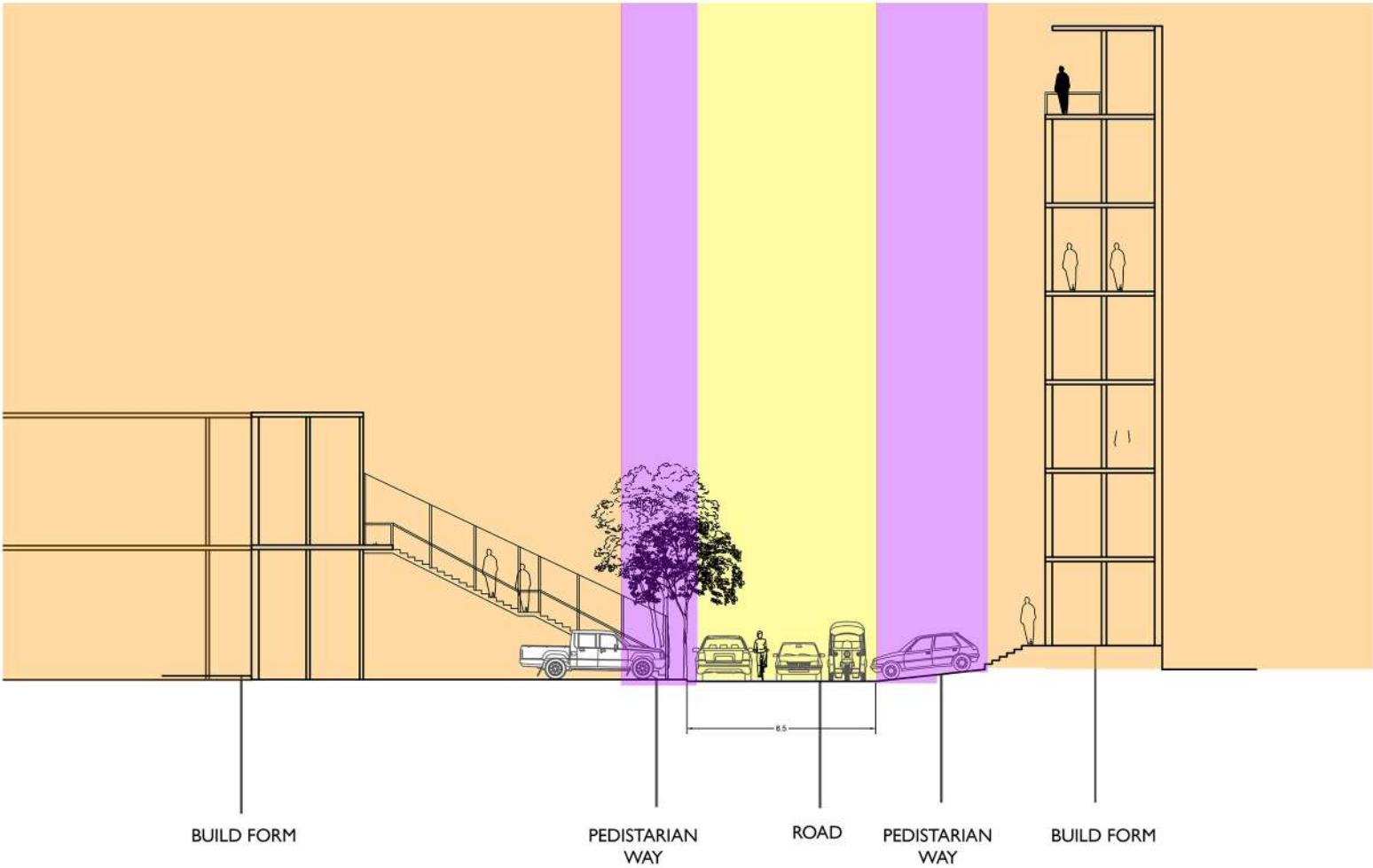


SOUTH ELEVATION

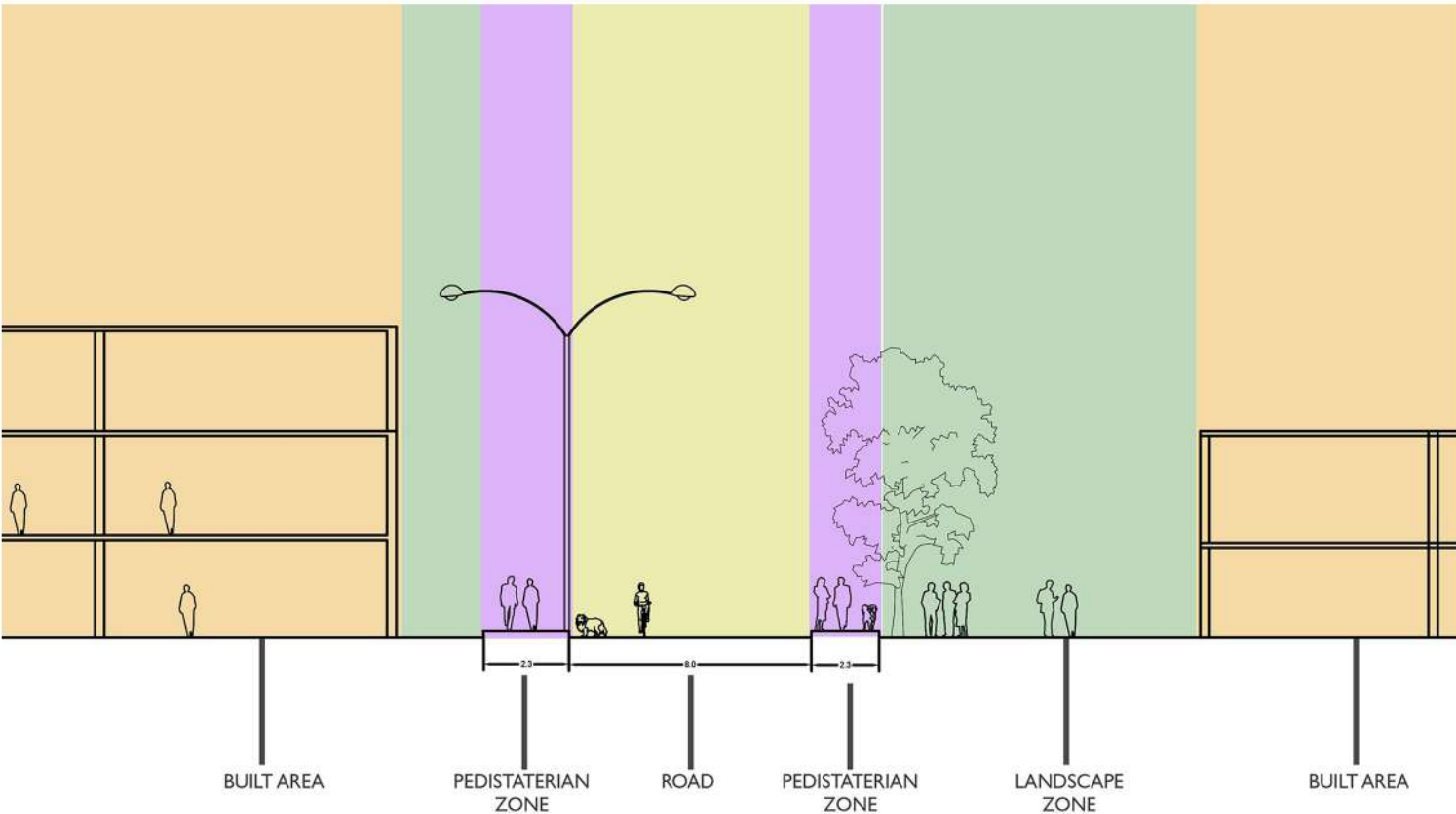
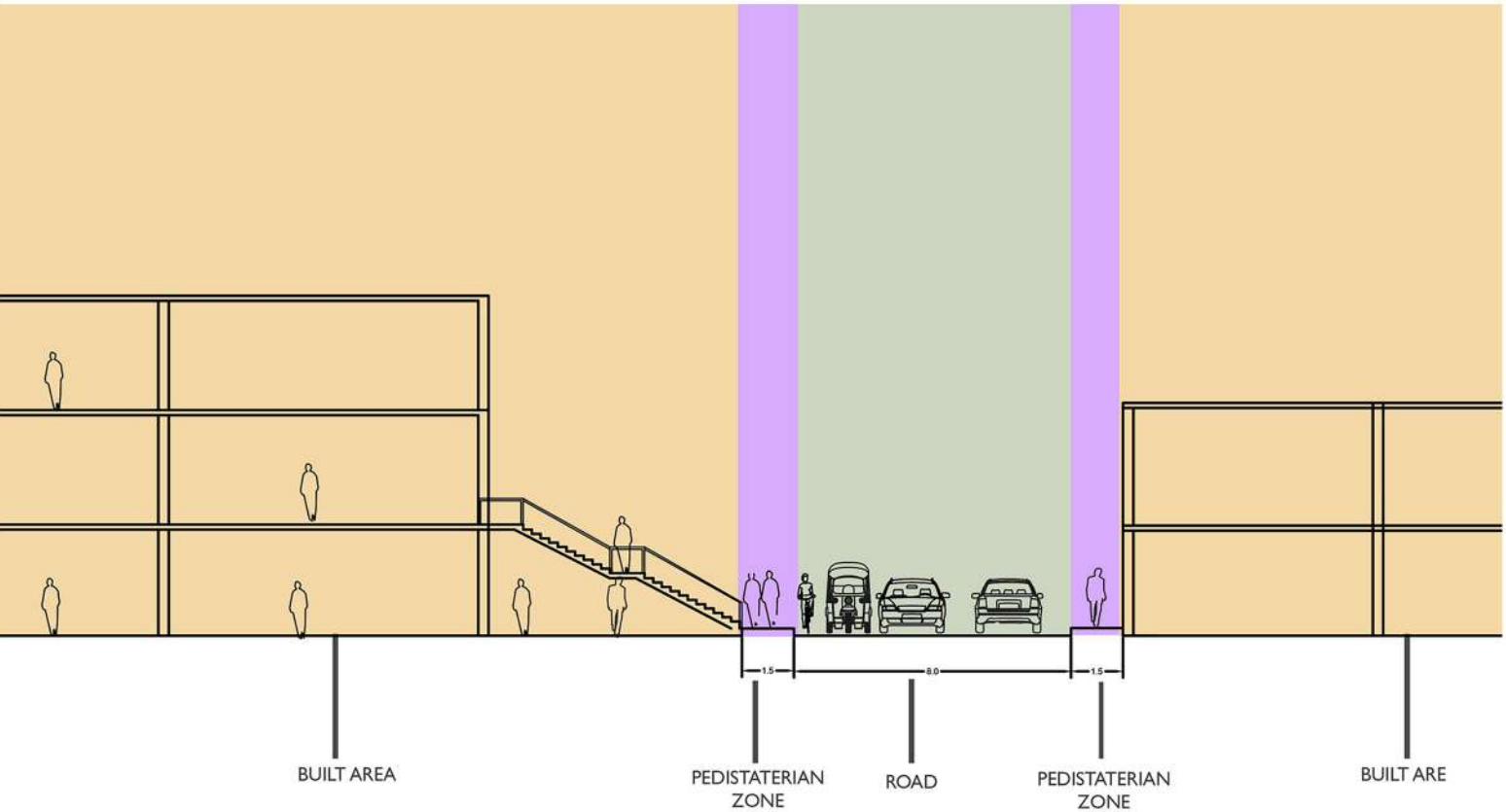
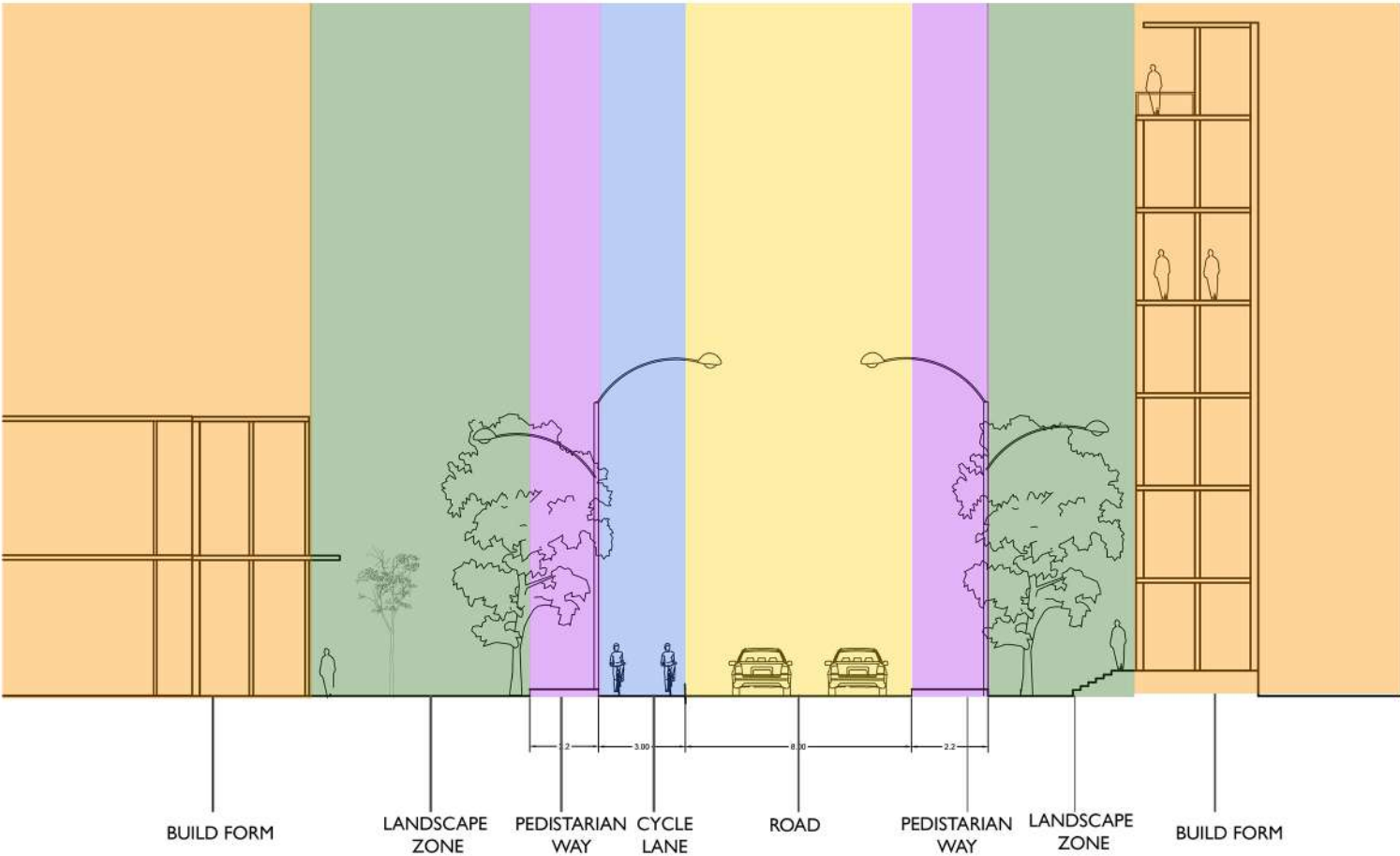


FOODSTALLS

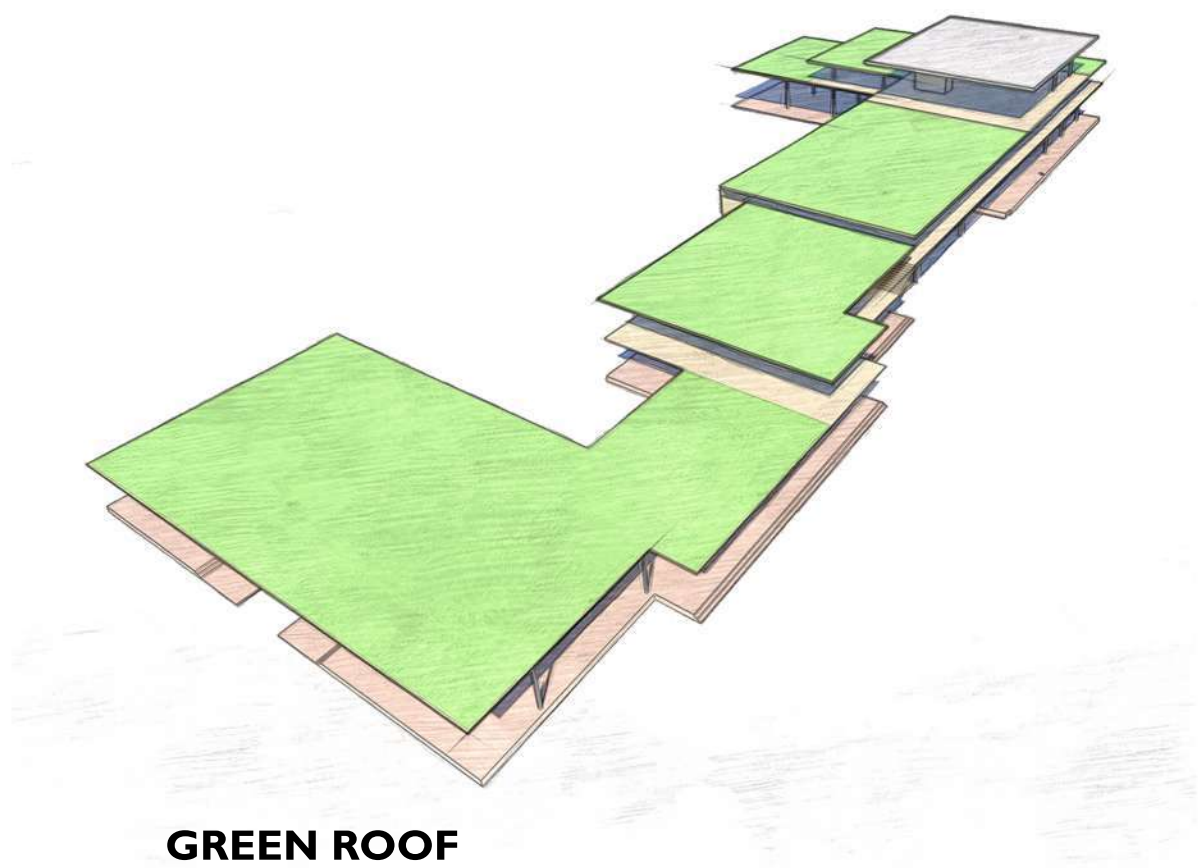
# OLD STREET SECTION



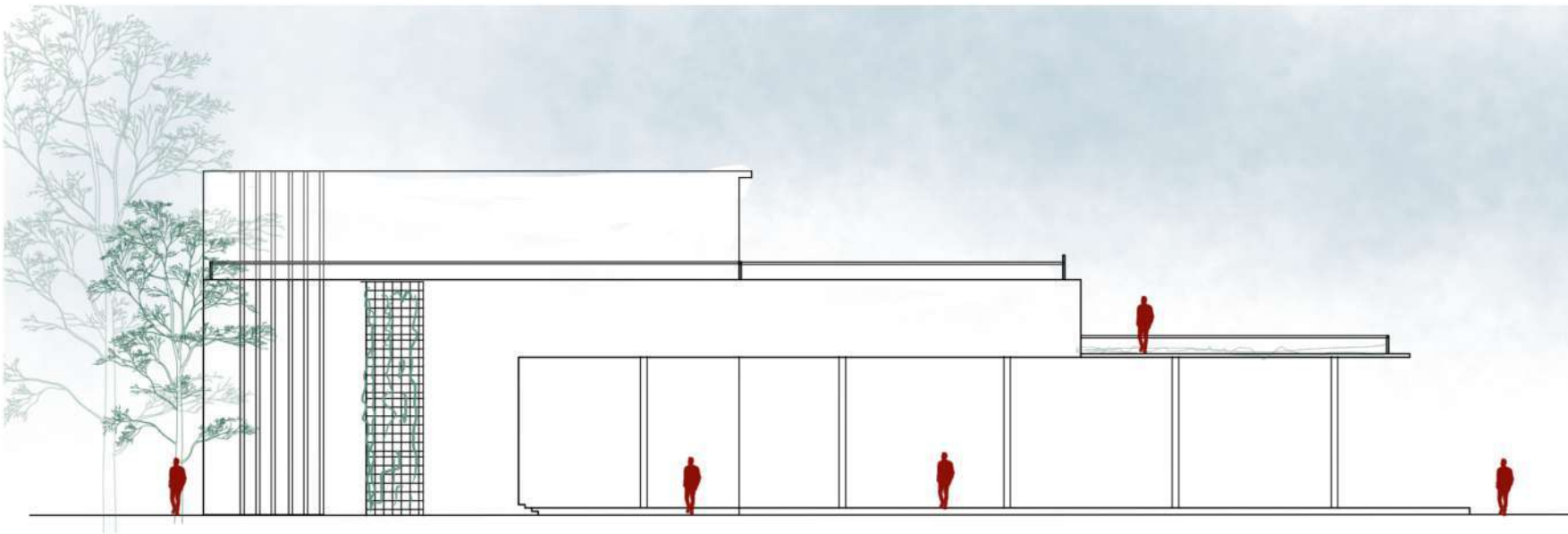
# NEW STREET SECTION



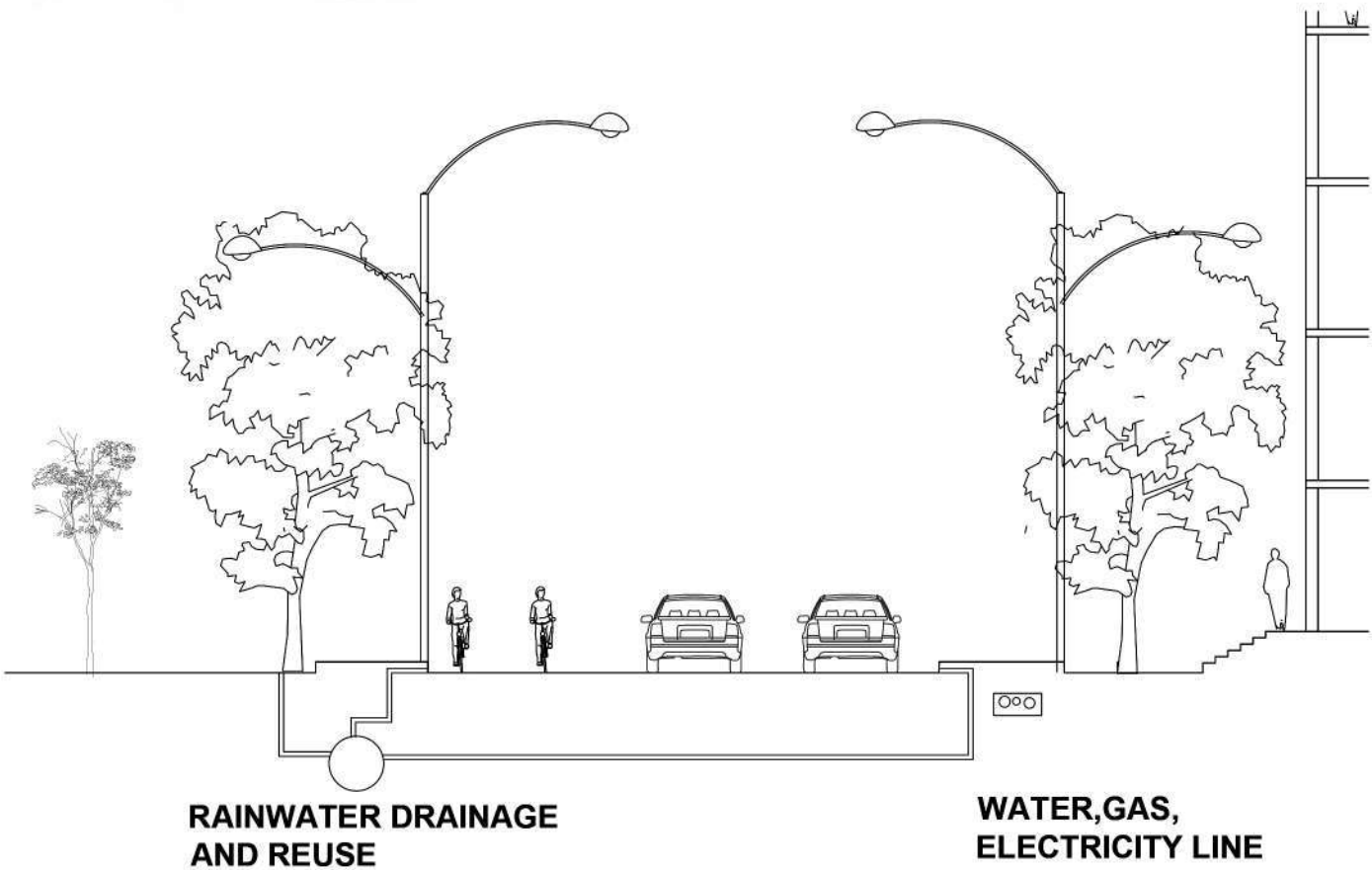
SUSTAINABLE STRATEGIES



GREEN ROOF



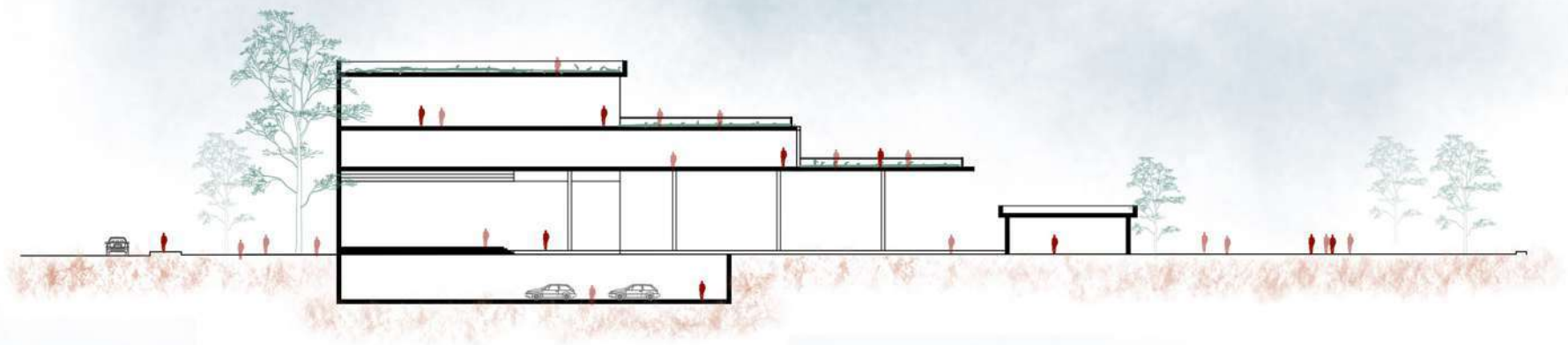
VERTICAL LOUVRE ,VEGITATION ON EXTERIOR FACADE



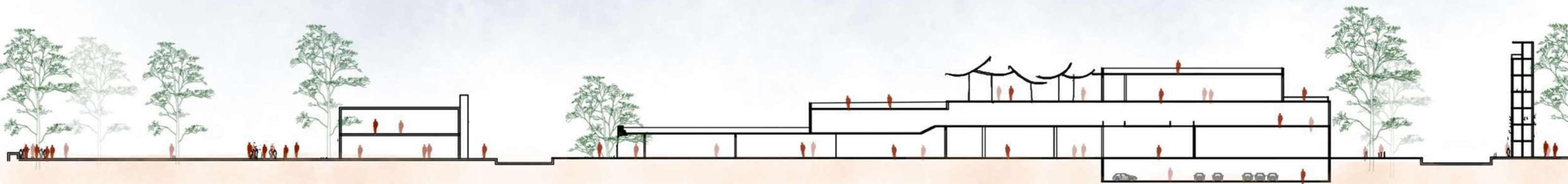
RAINWATER DRAINAGE  
AND REUSE

WATER,GAS,  
ELECTRICITY LINE

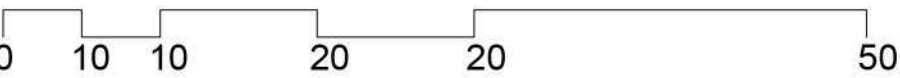
SECTIONS



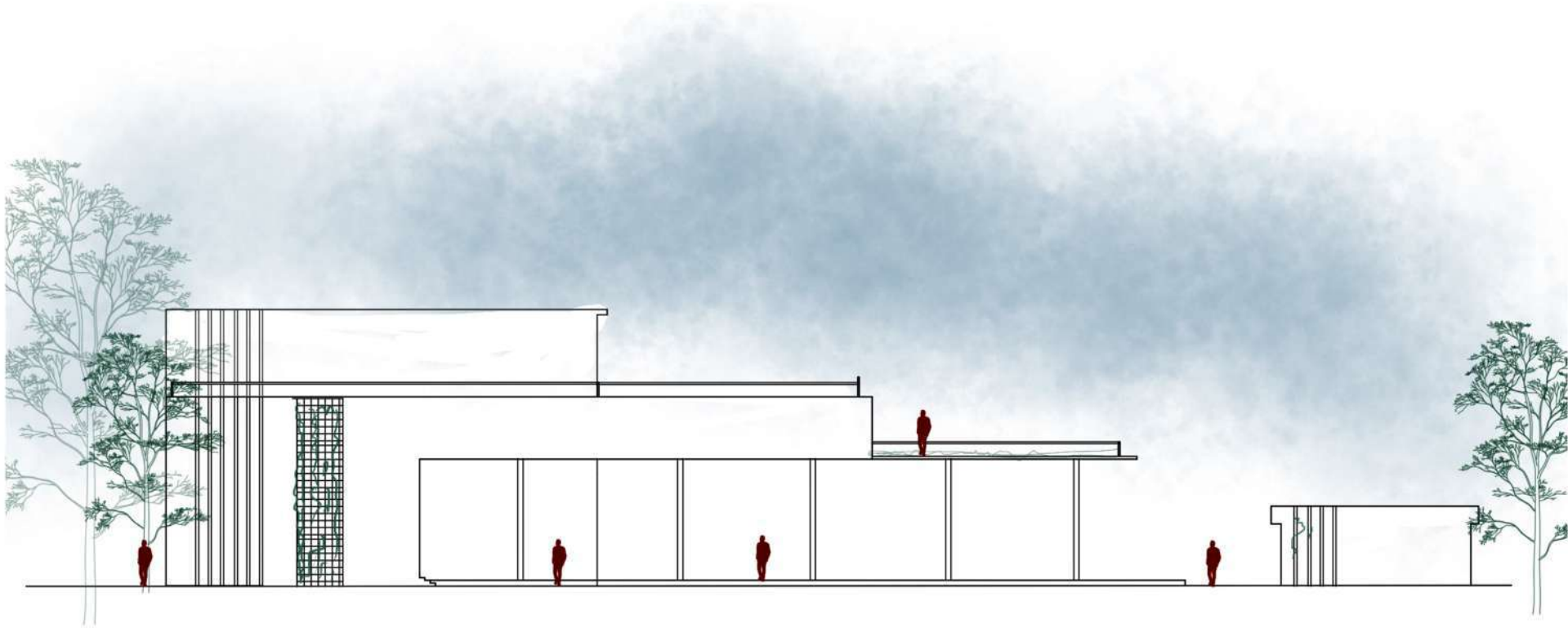
SECTION BB'



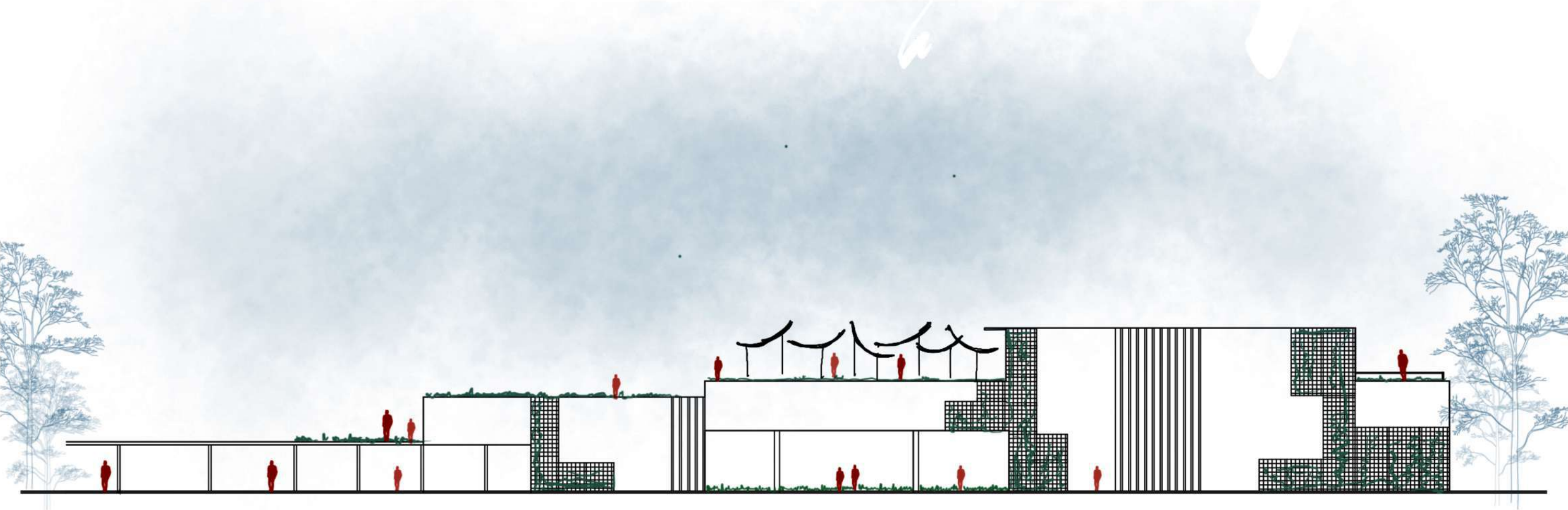
SECTION AA'



# ELEVATIONS

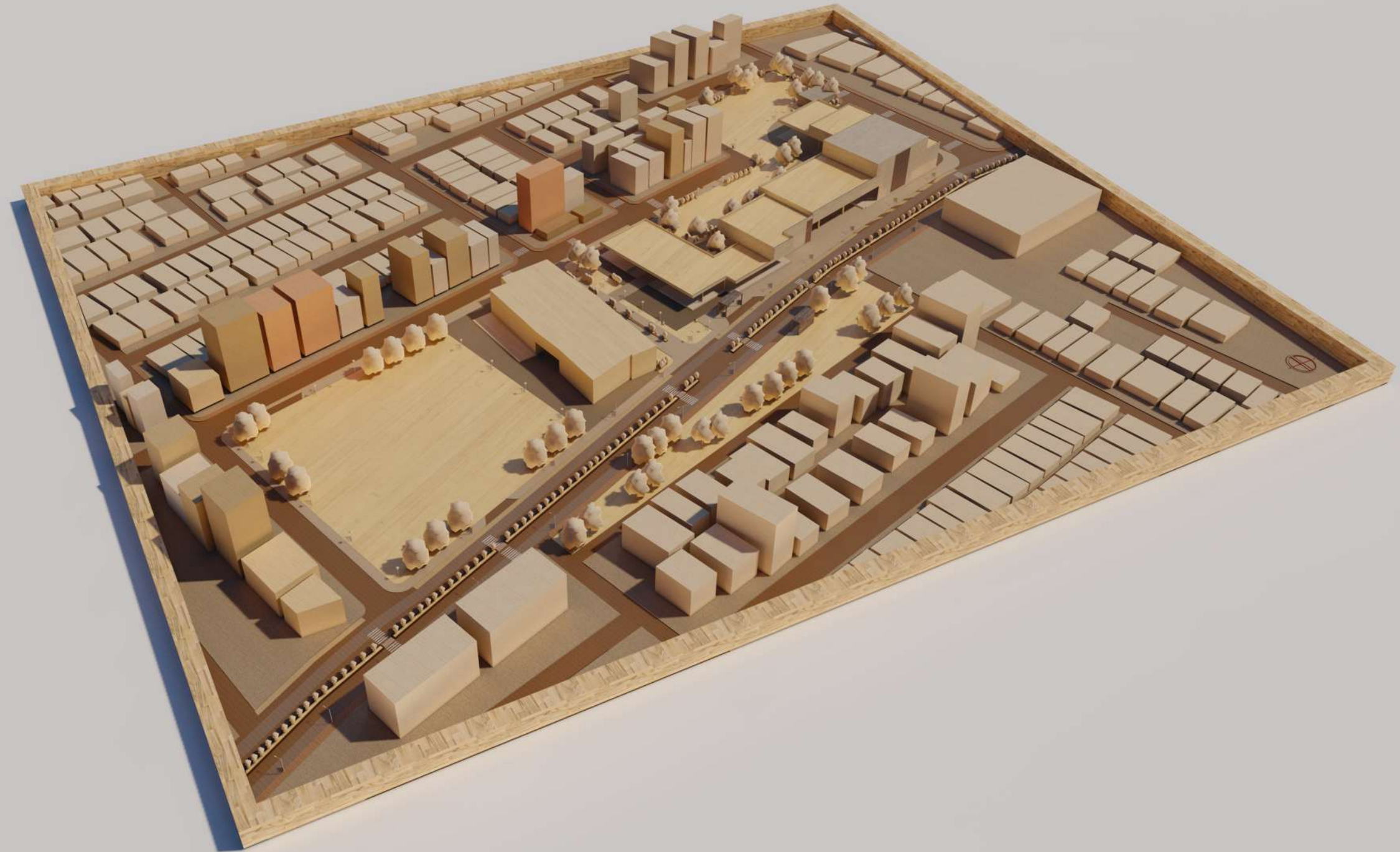


EAST ELEVATION



SOUTH ELEVATION

## THREE DIMENTIONAL IMAGES



## THREE DIMENTIONAL IMAGES



## THREE DIMENTIONAL IMAGES



## THREE DIMENTIONAL IMAGES



## THREE DIMENTIONAL IMAGES



# **ACKNOWLEDGEMENT**

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## **FACILATORS**

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