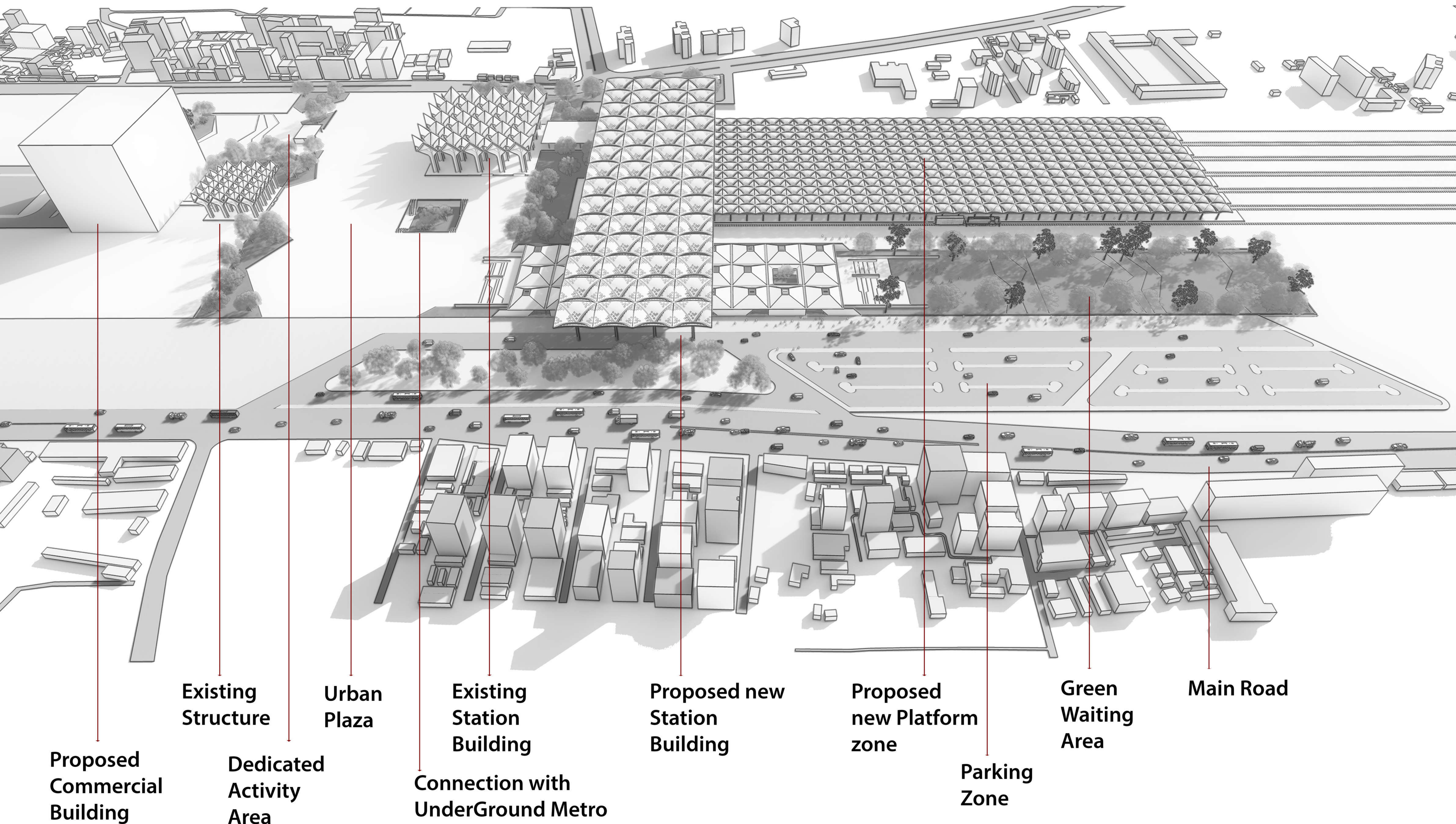
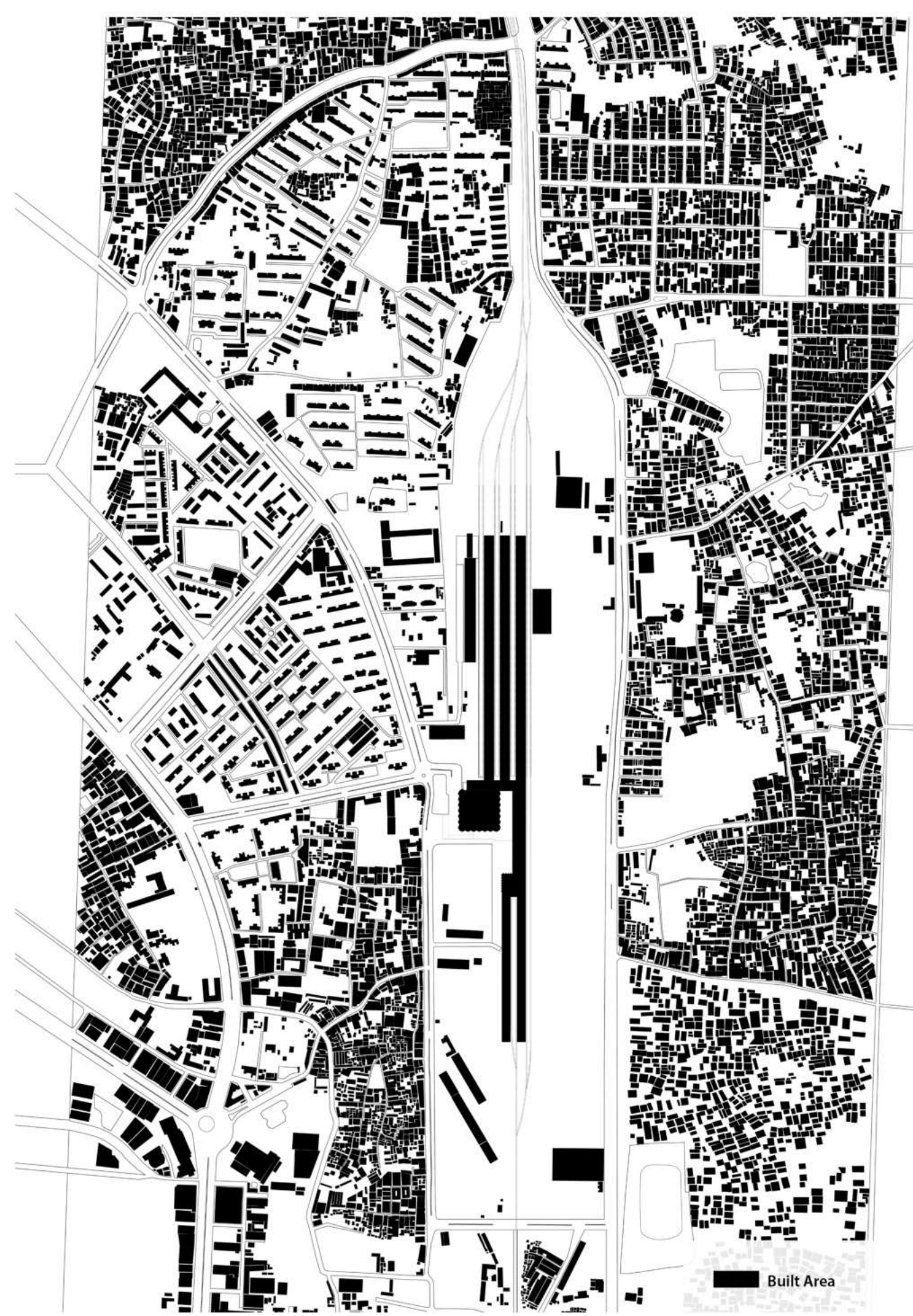


# RE-ENVISION

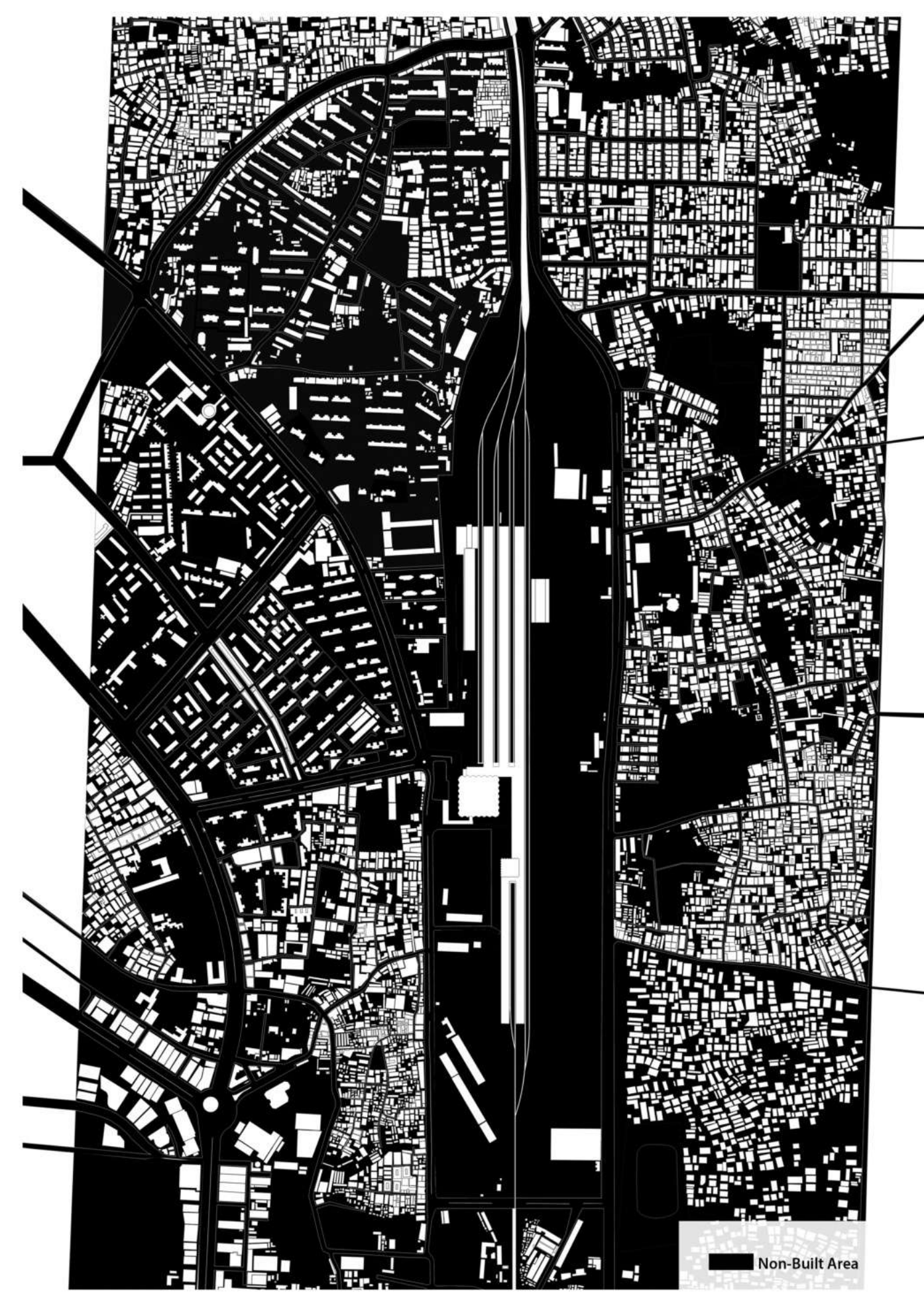
## OF KAMALAPUR RAILWAY STATION, DHAKA, BANGLADESH



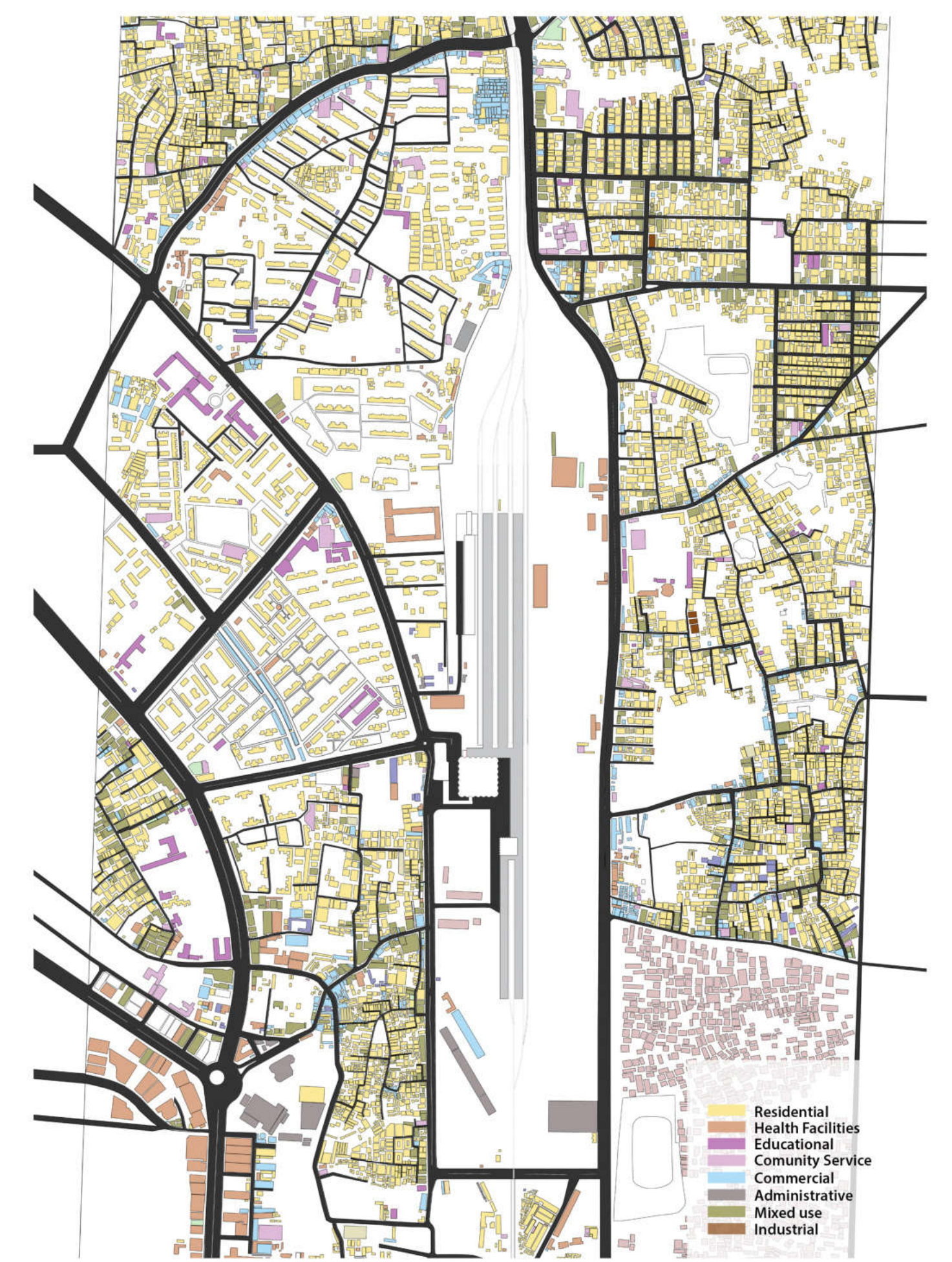
### URBAN ANALYSIS



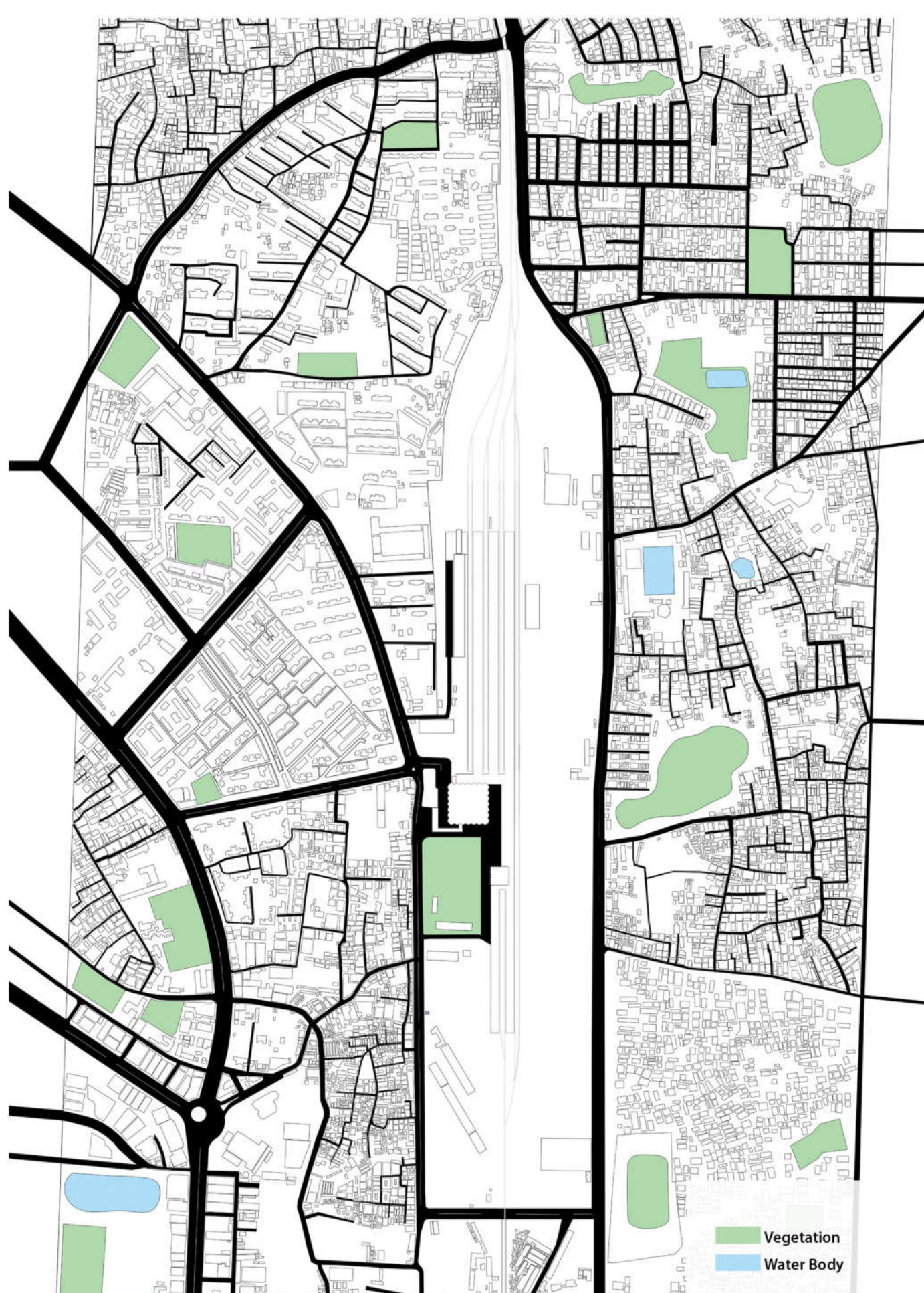
Built Area



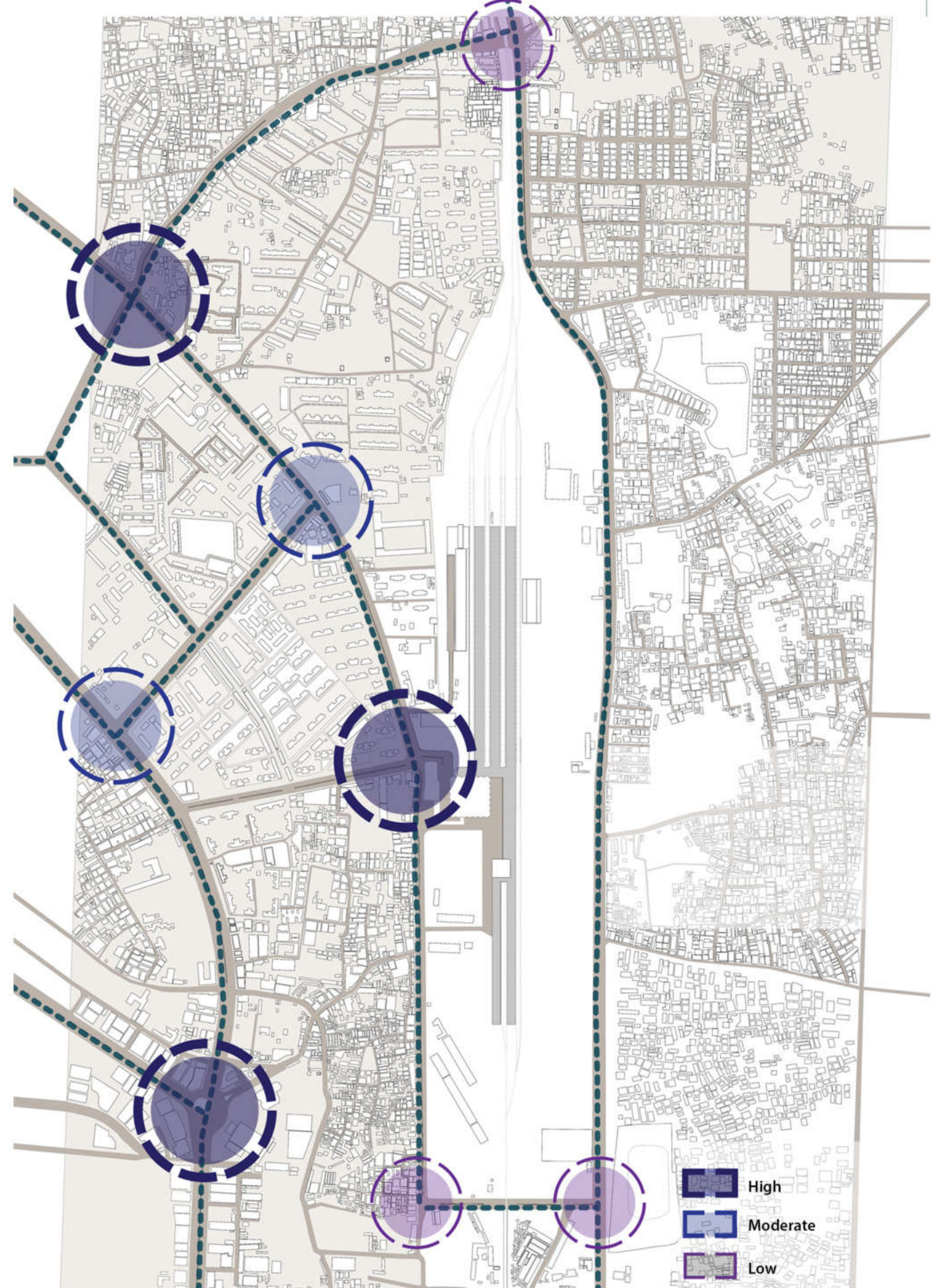
Non-Built Area



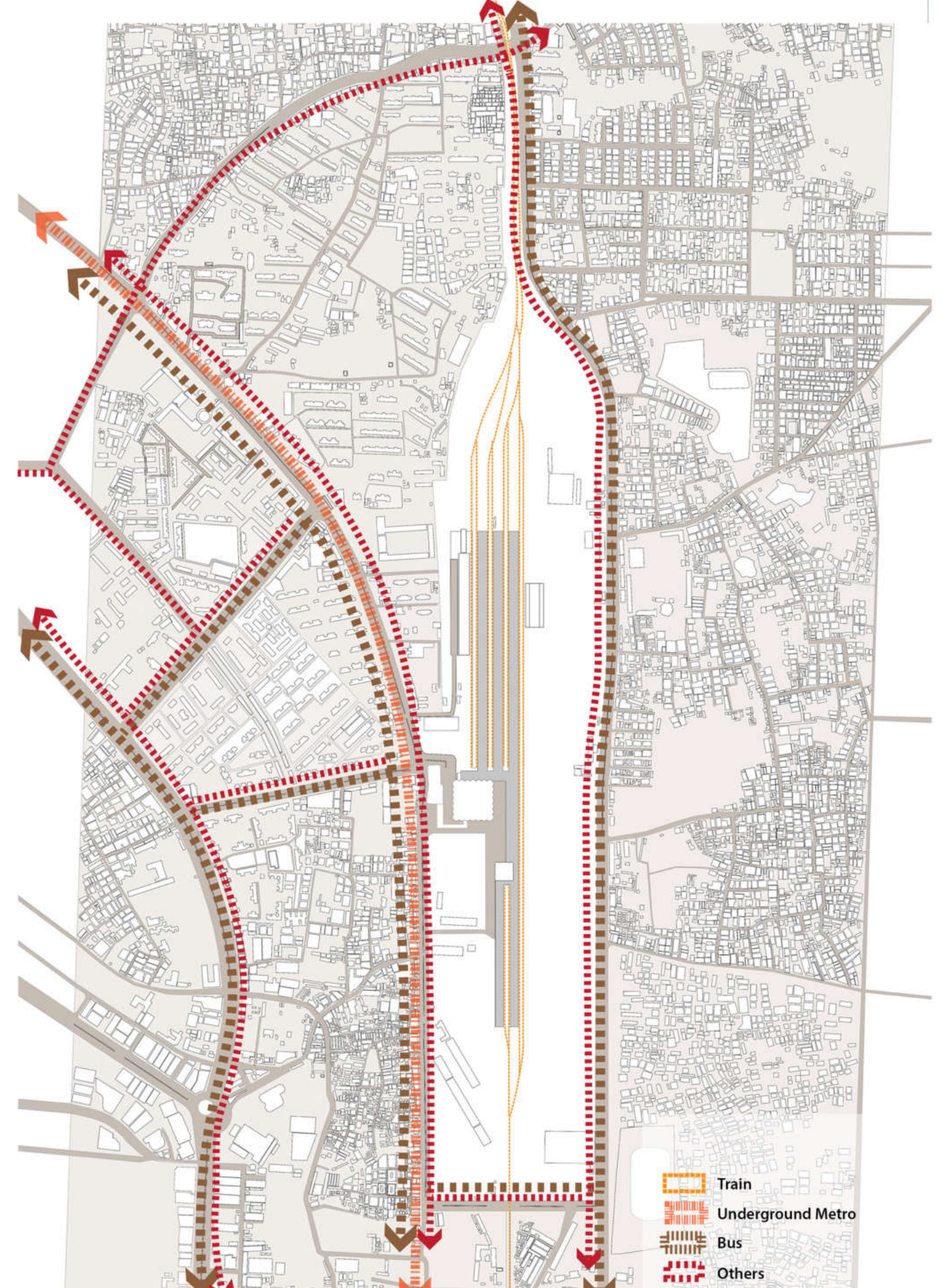
Land Use Plan



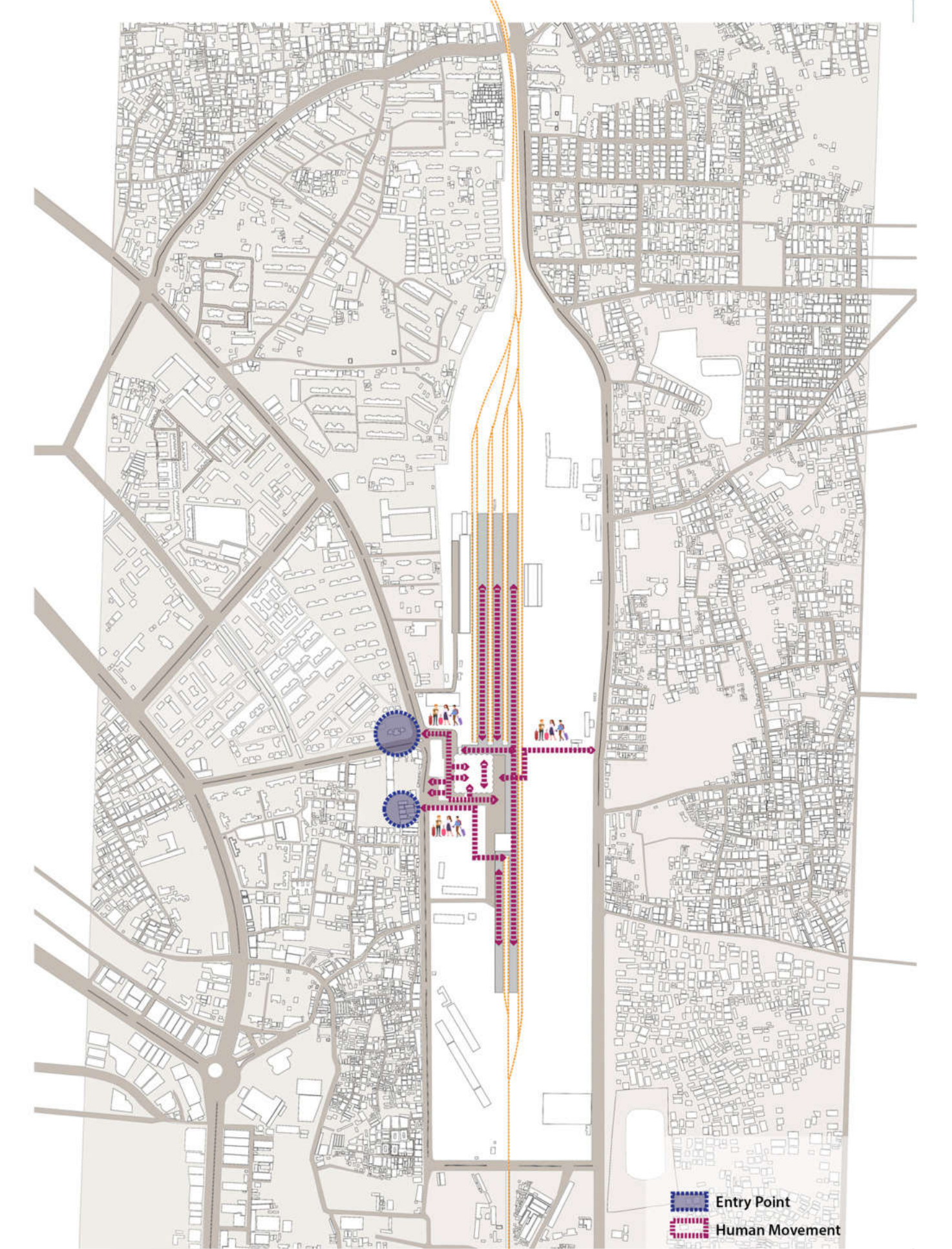
Vegetation Map



Traffic Density Map



Transportation Map



Human Movement

# STICHING

to CELEBRATE PAST and EMBRACE FUTURE

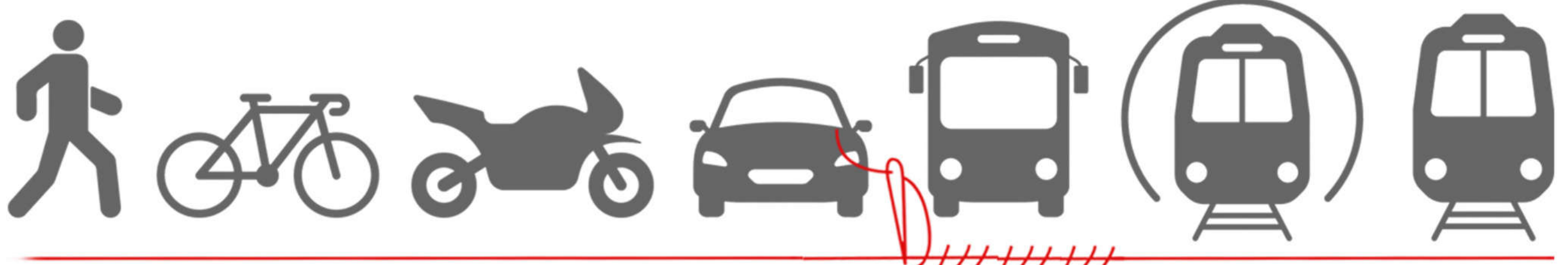
Defines Connecting, Adding and Fixing various aspects of the Project and Urban Functions in order to REINCARNATE the most accessible Urban Heritage of the Country.



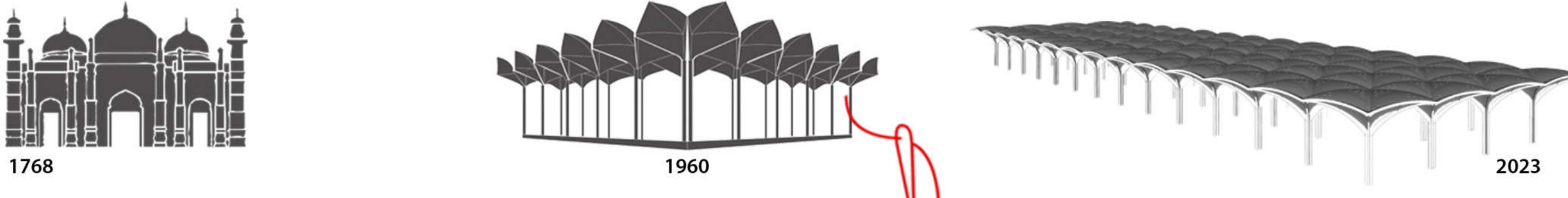
STICH the Urban Heritage in it's own place with all it's glory and Story



STICH the west zone and east zone of the city



STICH various modes of transport



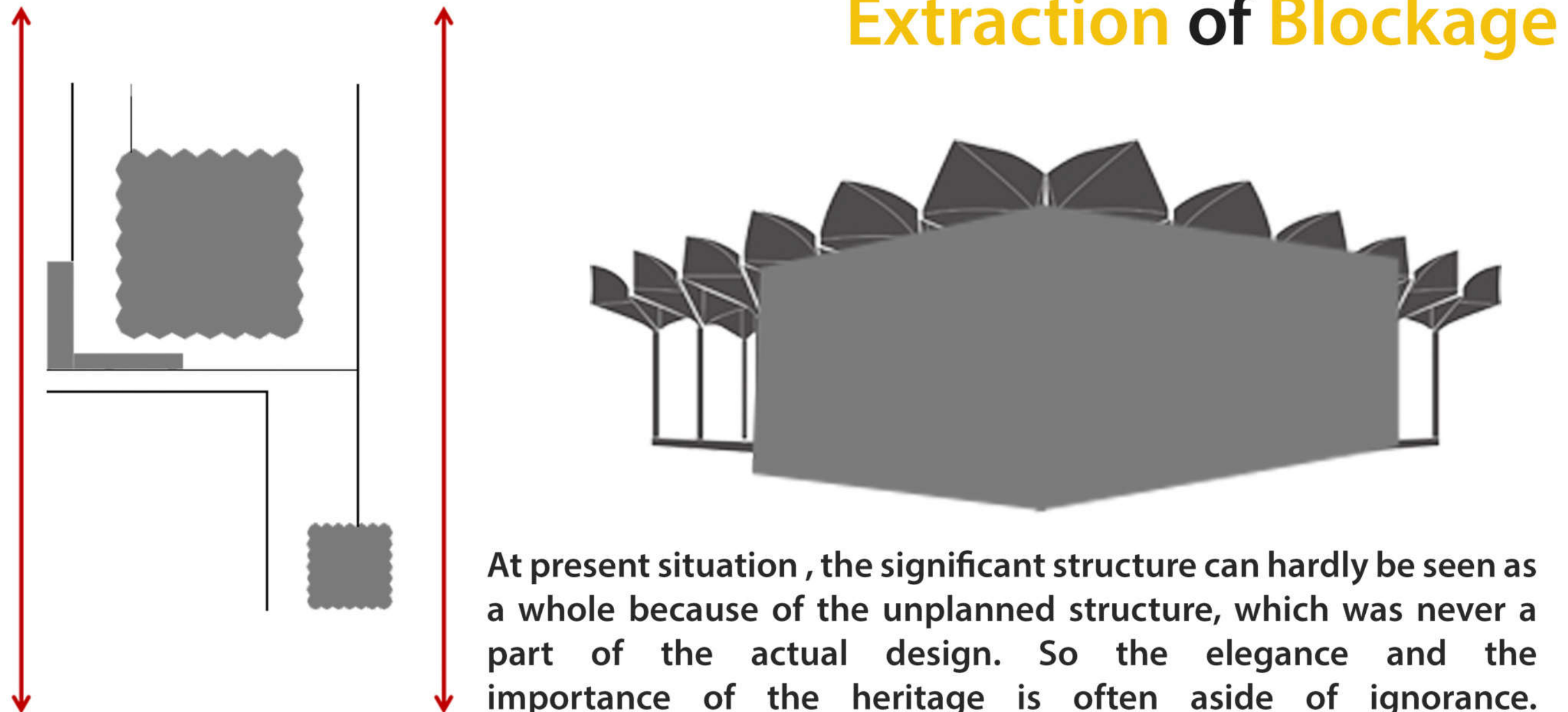
STICH different timeline of Architectural Expressions



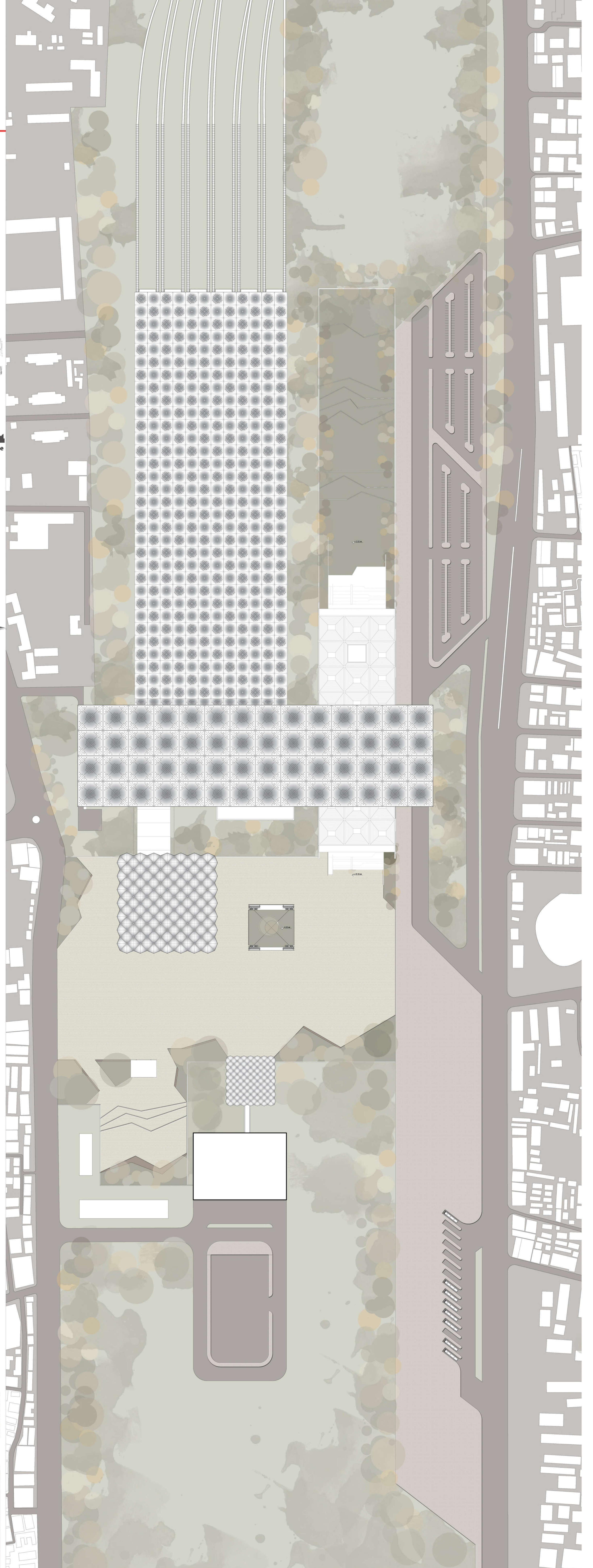
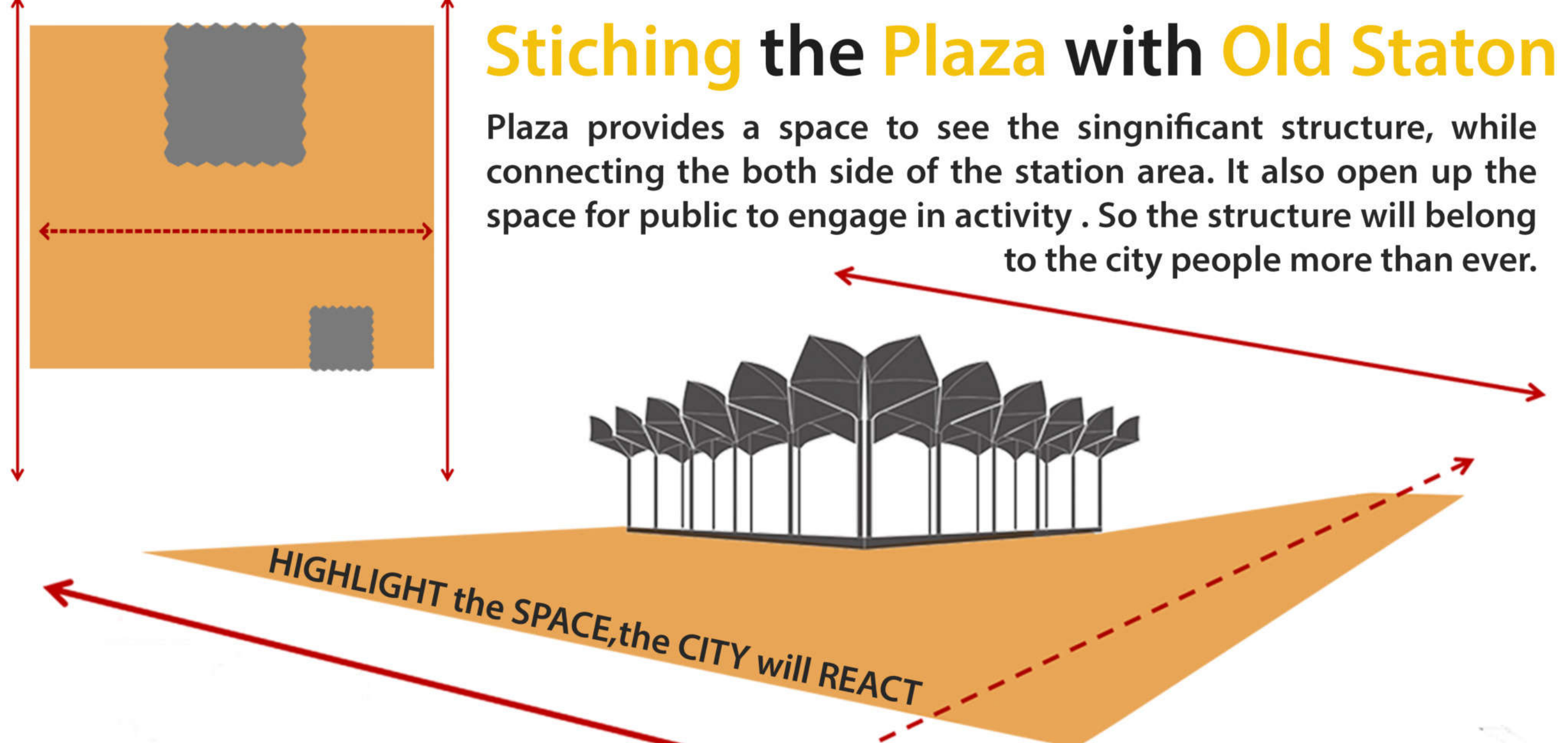
STICH the whole Bangladesh

## DESIGN STEPS

### Extraction of Blockage

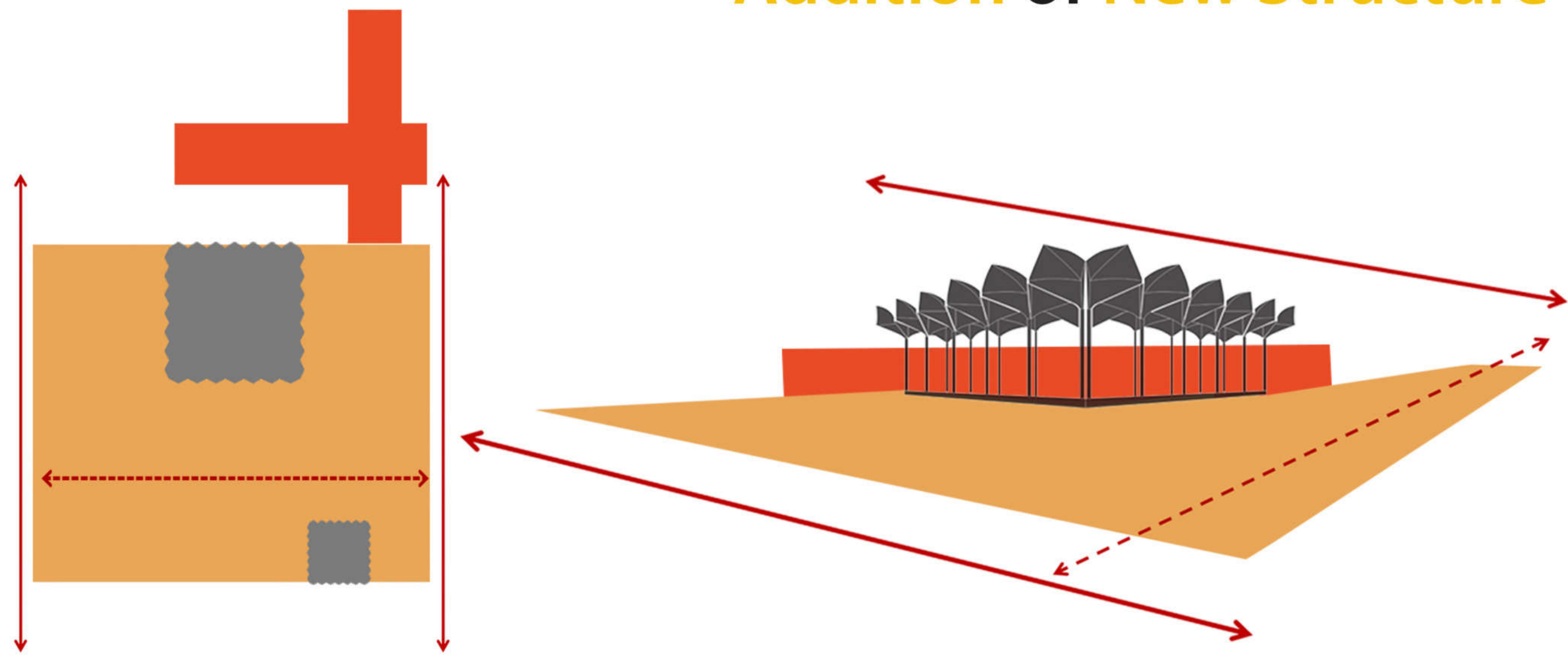


### Stiching the Plaza with Old Staton



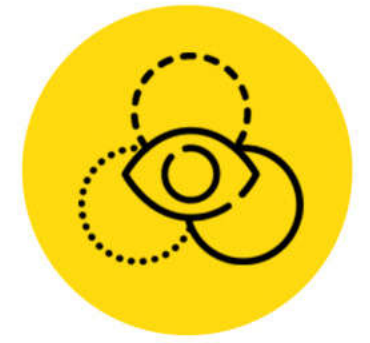
Site Plan : Scale\_1:1000

## Addition of New Structure



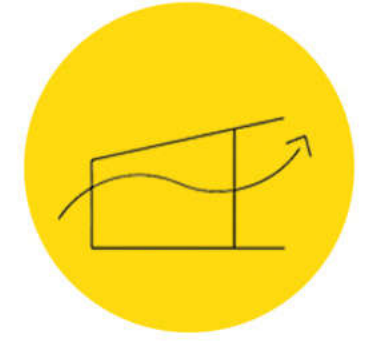
To support the growth of the passengers and requirement of the facilities a new structure has been added. The addition is placed such a way that the old significant structure stay upfront and the new one never over shadows the old one.

## DESIGN PRINCIPLES



**PERCEPTION**  
(addition)

Valuating what exist is the best starting point. Having new one adjacent to the old and both working together



**CONTEXTUAL DESIGN**

Contextual requirements are highly prioritised such as natural ventilation and using of natural light as much as possible



**ARCHITECTURAL EXPRESSION**

Bangladeshi Architecture has its own expression. Such as use of umbrella shaped domes, big openings.



**SMART CONSTRUCTION**

Modular structure and Pre-cast structure to make the construction process easy, less time consuming and smart.



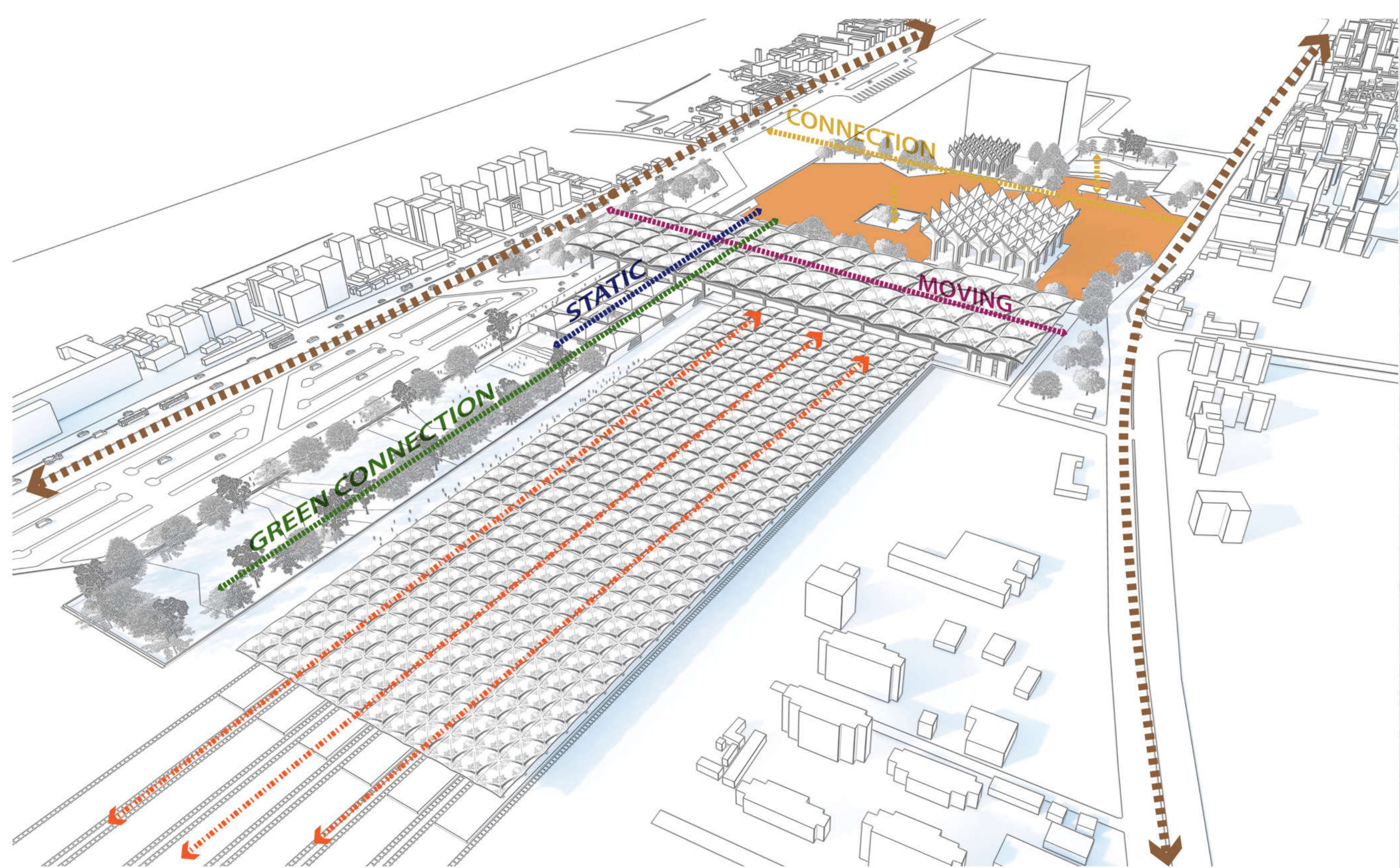
**PUBLIC ENGAGEMENT**

Public engagement to create more belongingness towards the Architecture.

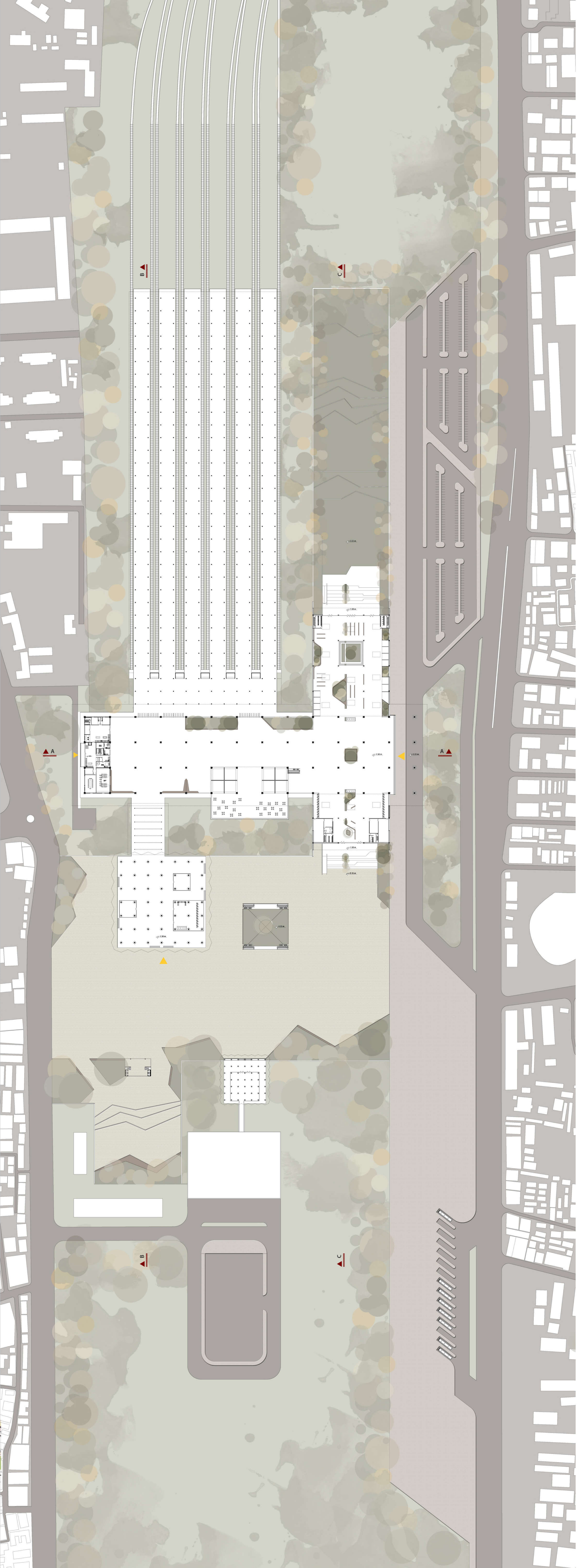


**SUSTAINABLE DESIGN**

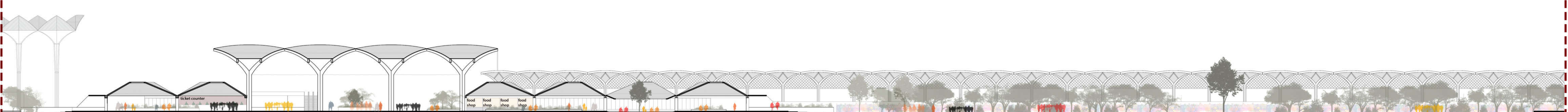
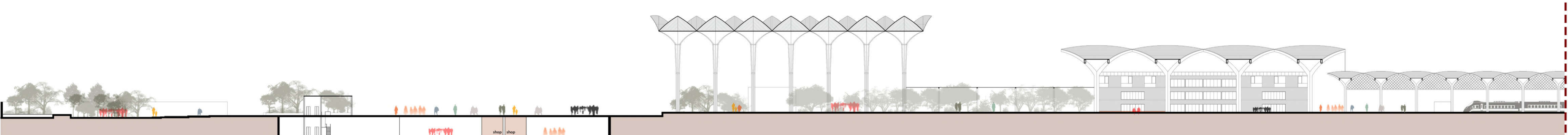
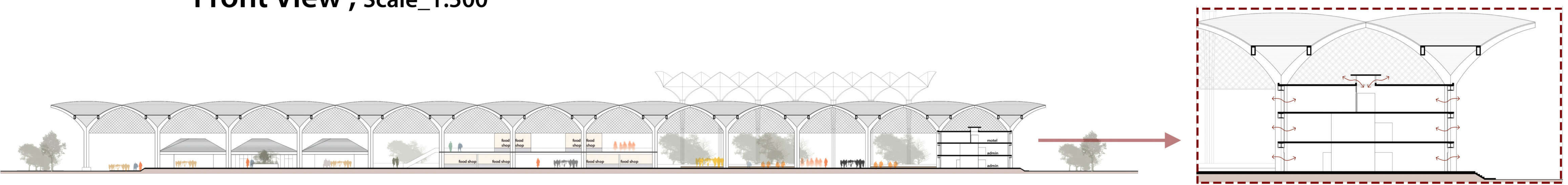
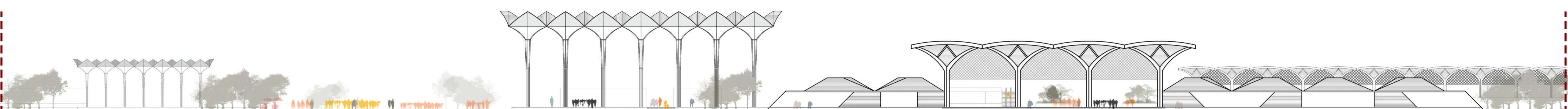
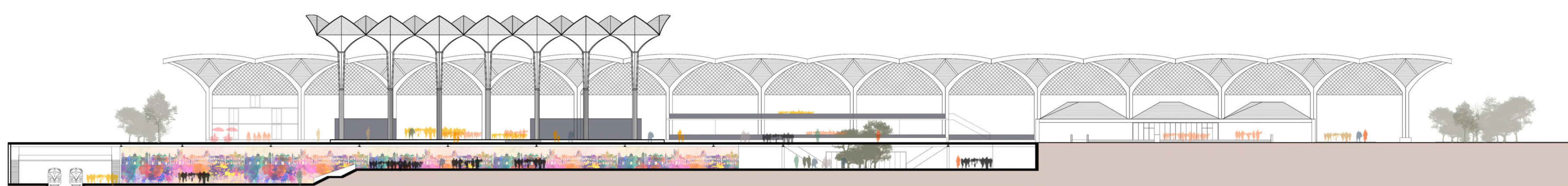
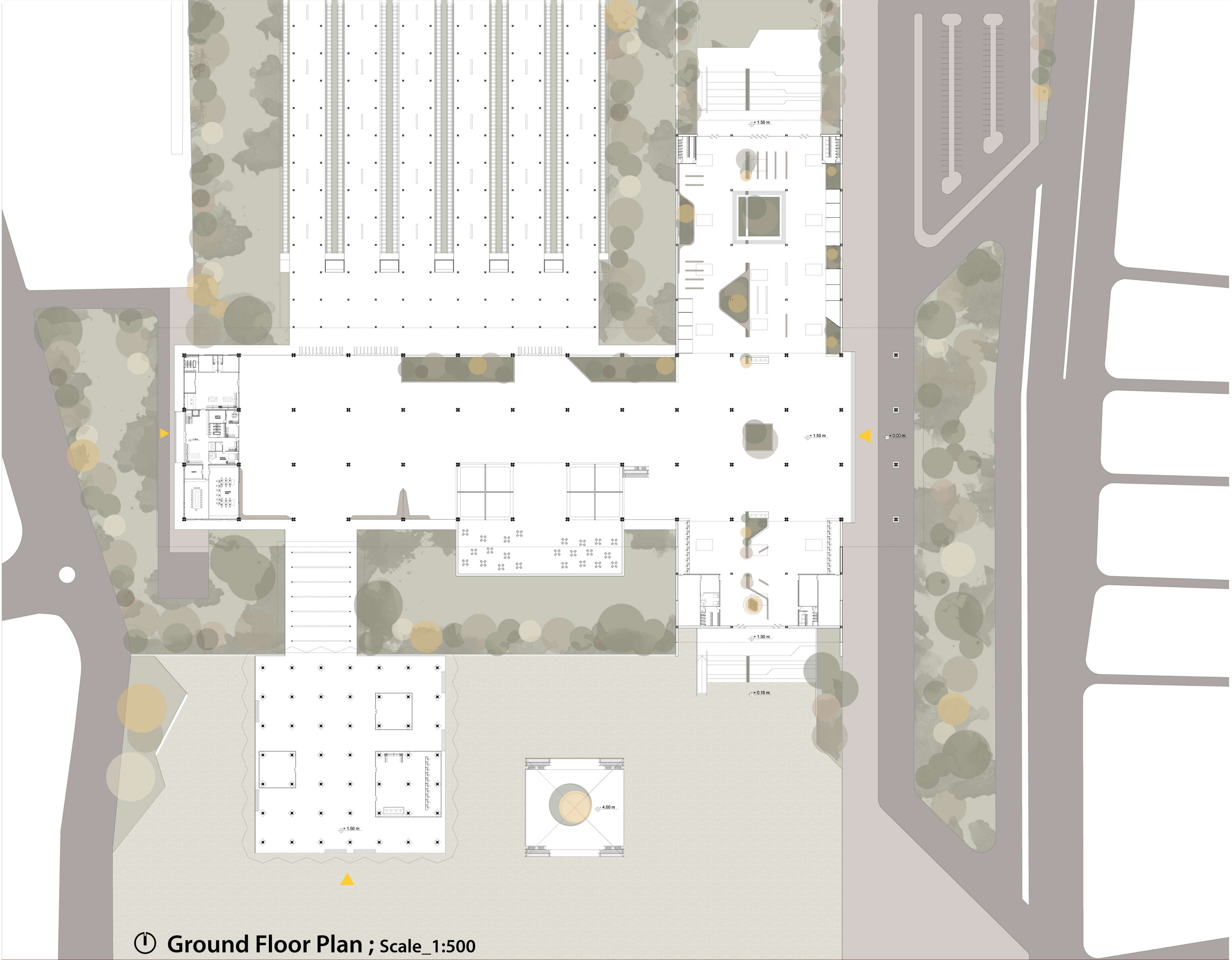
Sustainable design to make the Architecture more self sufficient, such as rain water Harvestment, encouragement of green, natural ventilation, solar energy.

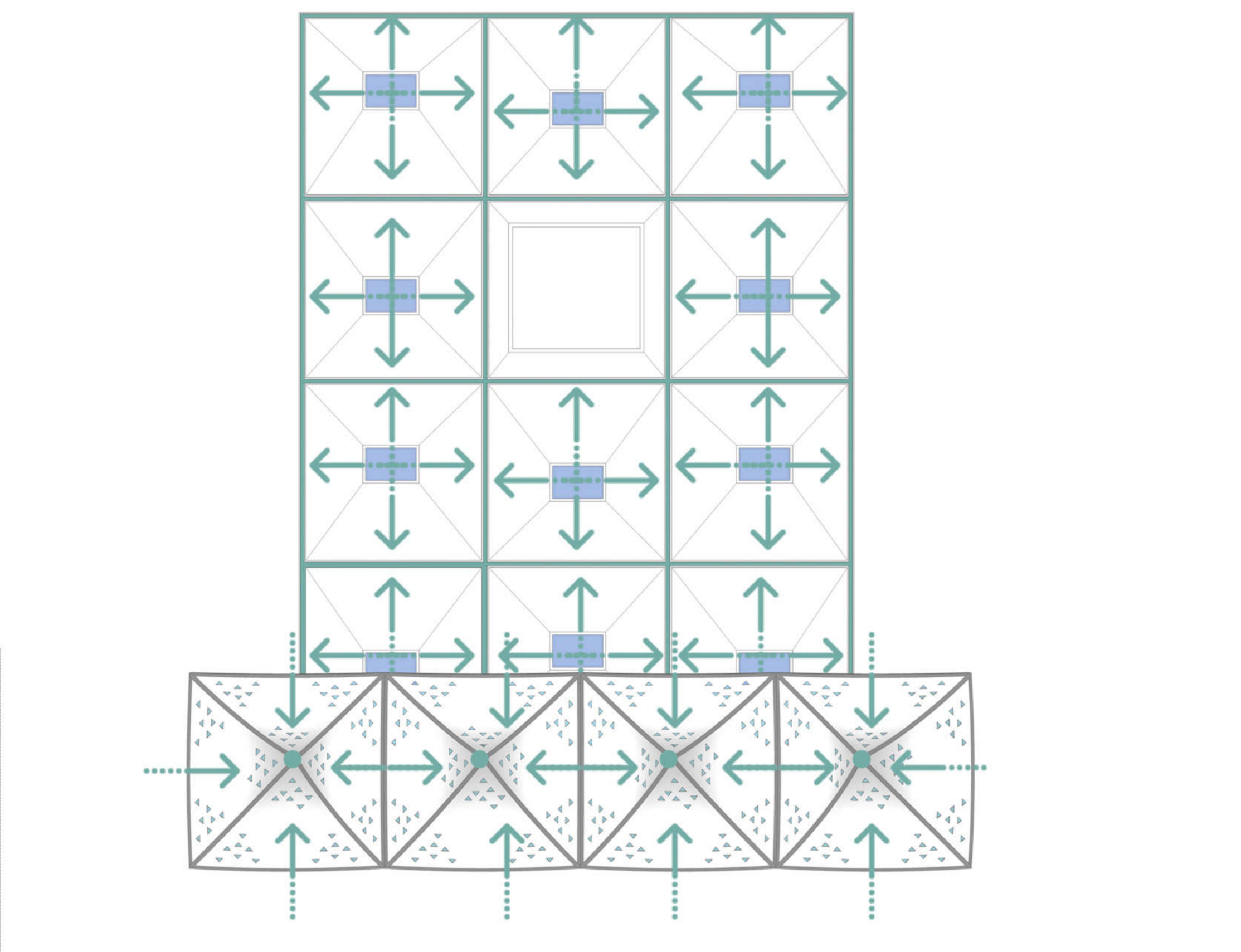
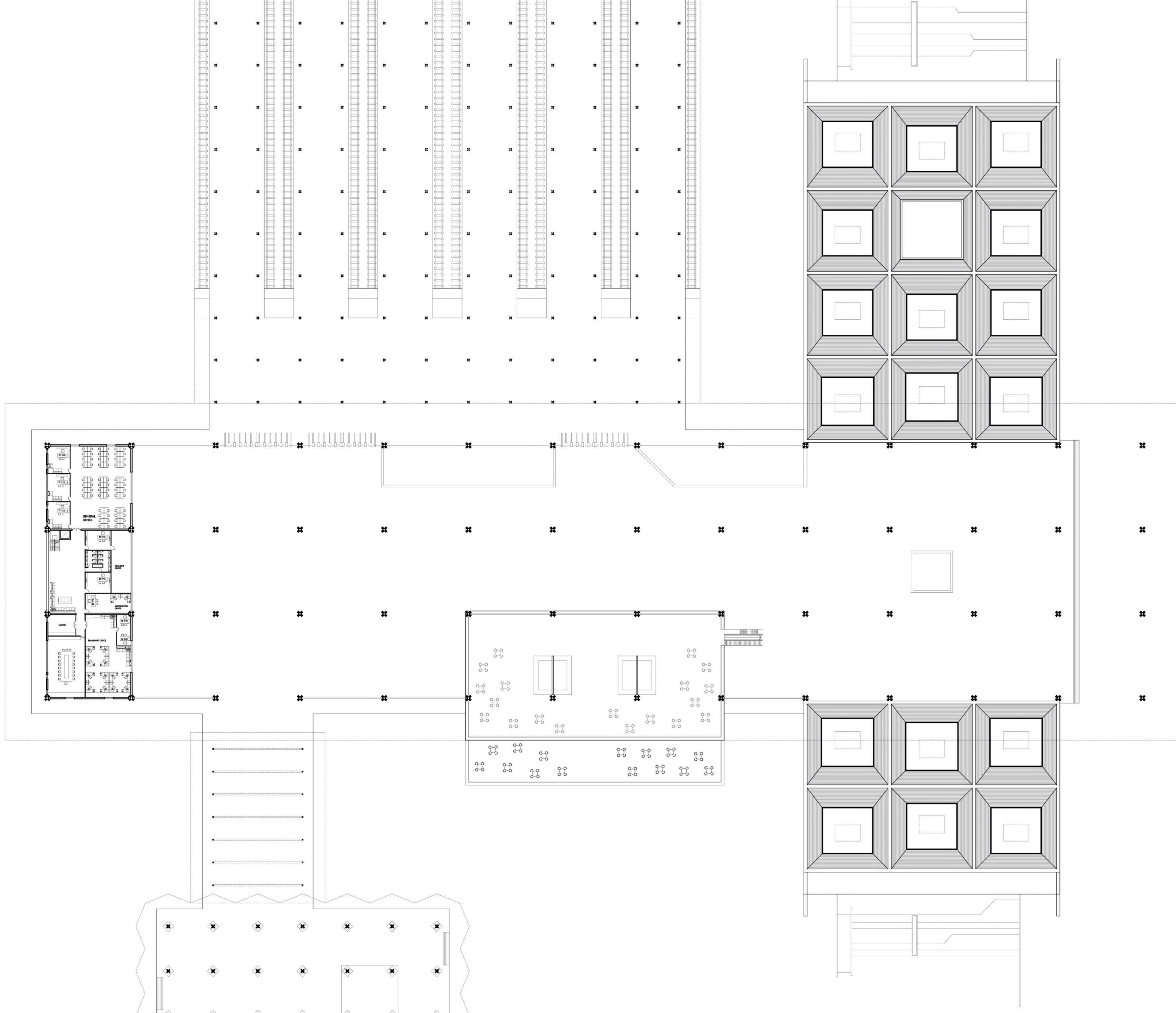


## MASTER PLAN



⌚ Ground Floor Plan : Scale\_1:1000





Rain Water Harvesting

Natural Ventilation

Design allows to harvest rain water and reuse it. Also Design is done in a way so that the structure needs less energy. As the structure allows cross ventilation and also offers maximum natural light.

## SUSTAINABLE DESIGN

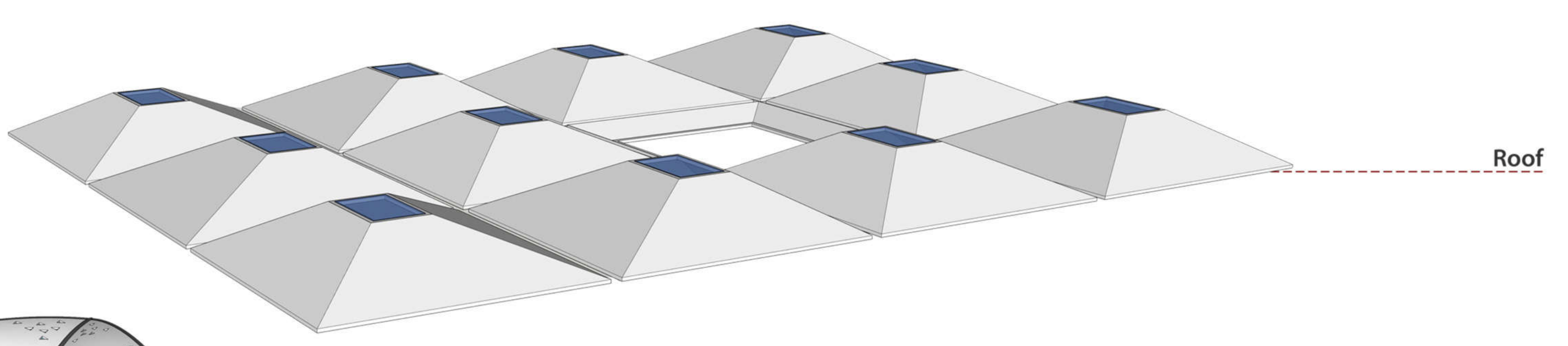
## CONTEXTUAL DESIGN

At the time of the design process, context is given the most importance. Courtyard is used in the larger structure to allow light and also for ventilation.

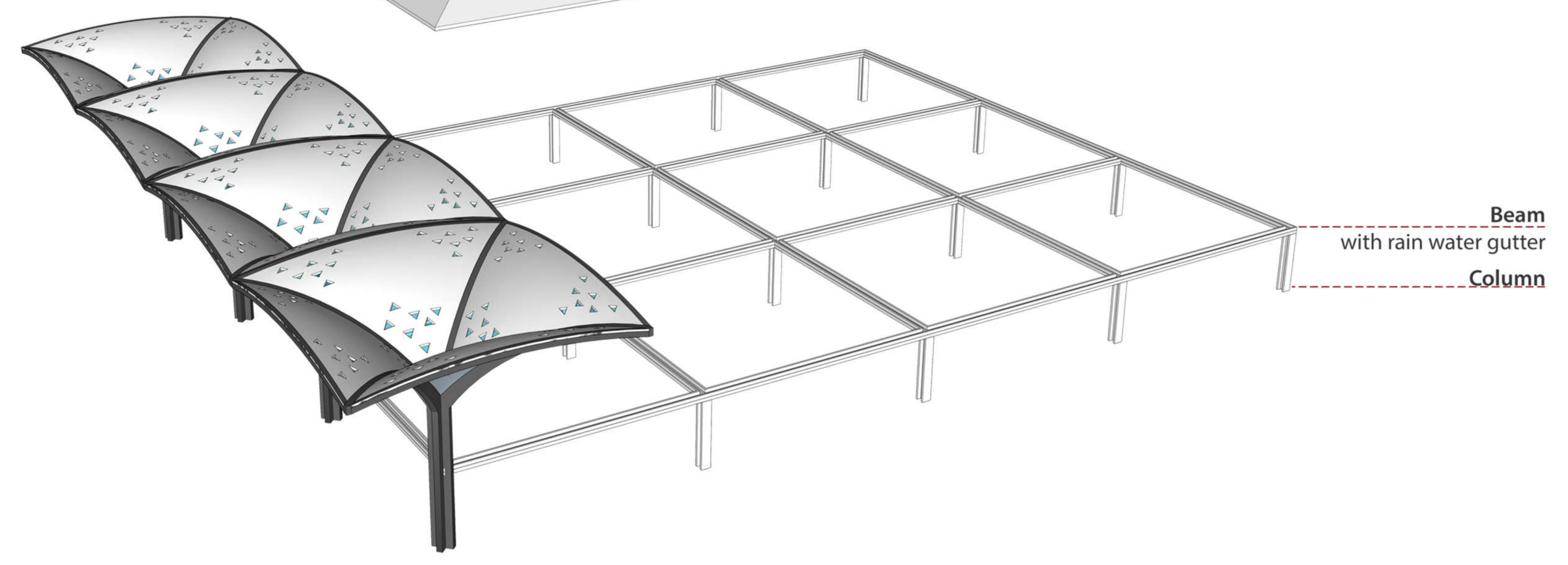
## SMART DESIGN

The structure can be made in Pre-cast system. So it will be less time consuming and also the modular structure will make the construction process easy.

Roof lighting is used to accelerate the use of natural light and also to create drama with light inside.

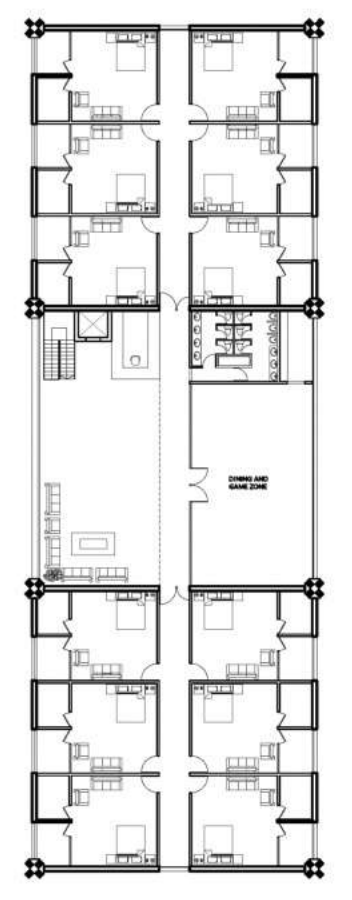


Roof



Beam with rain water gutter  
Column

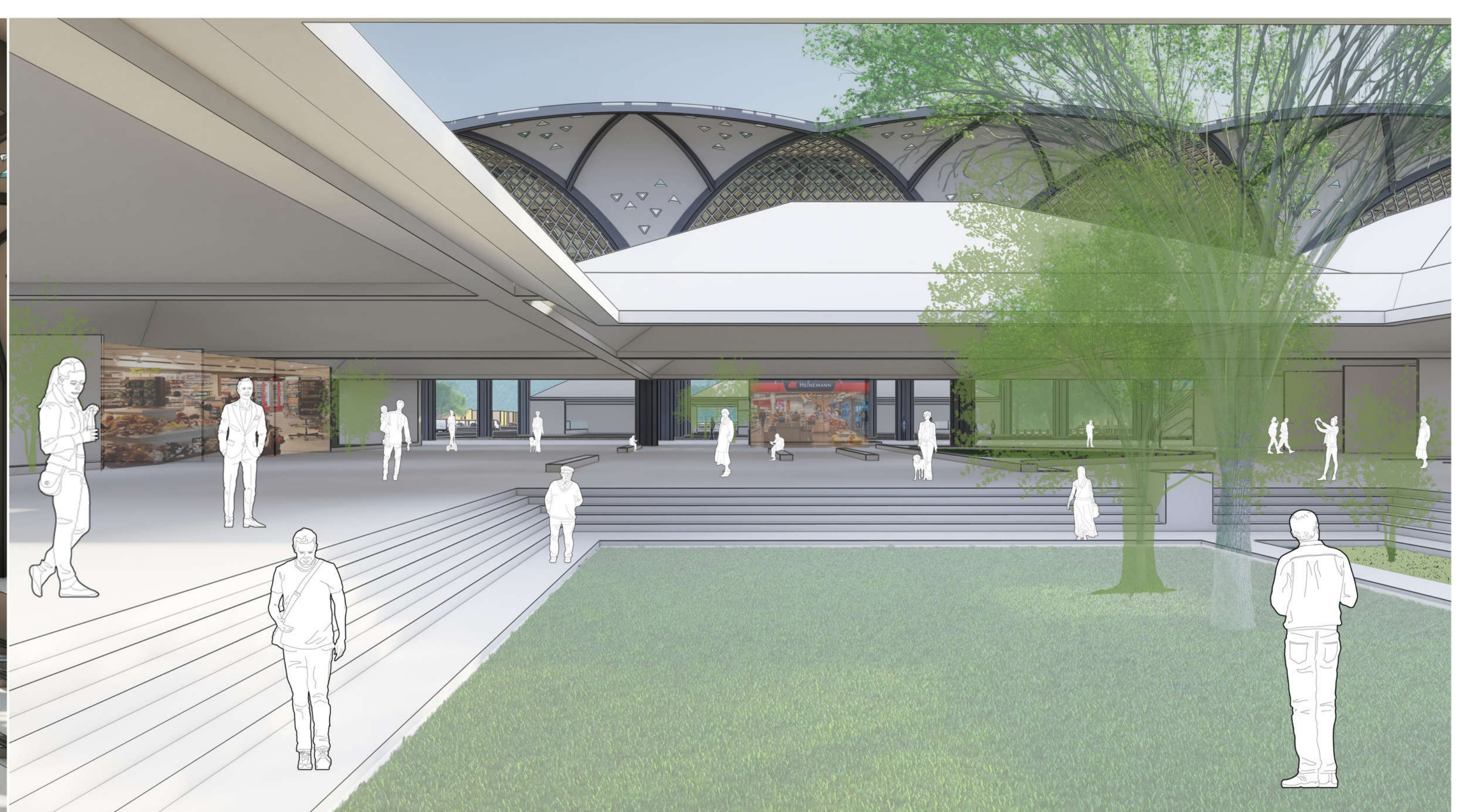
① First Floor Plan ; Scale\_1:500



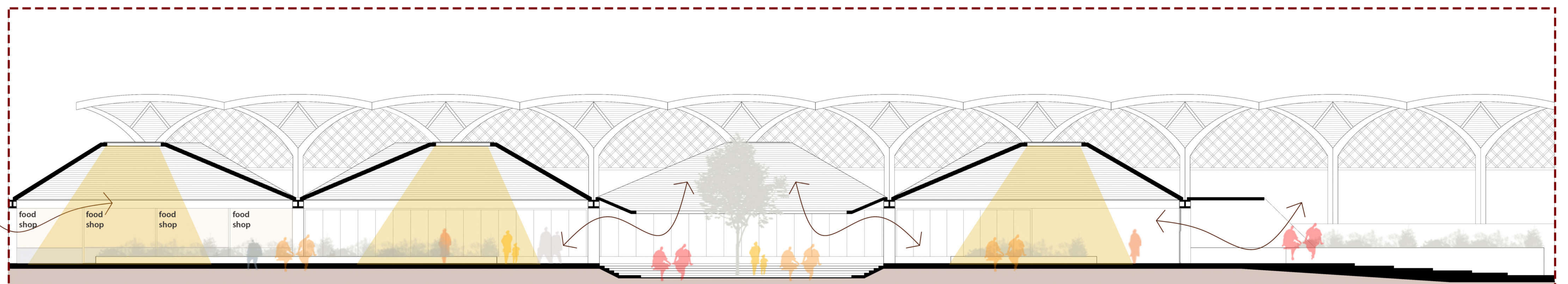
① Motel Plan ; Scale\_1:500



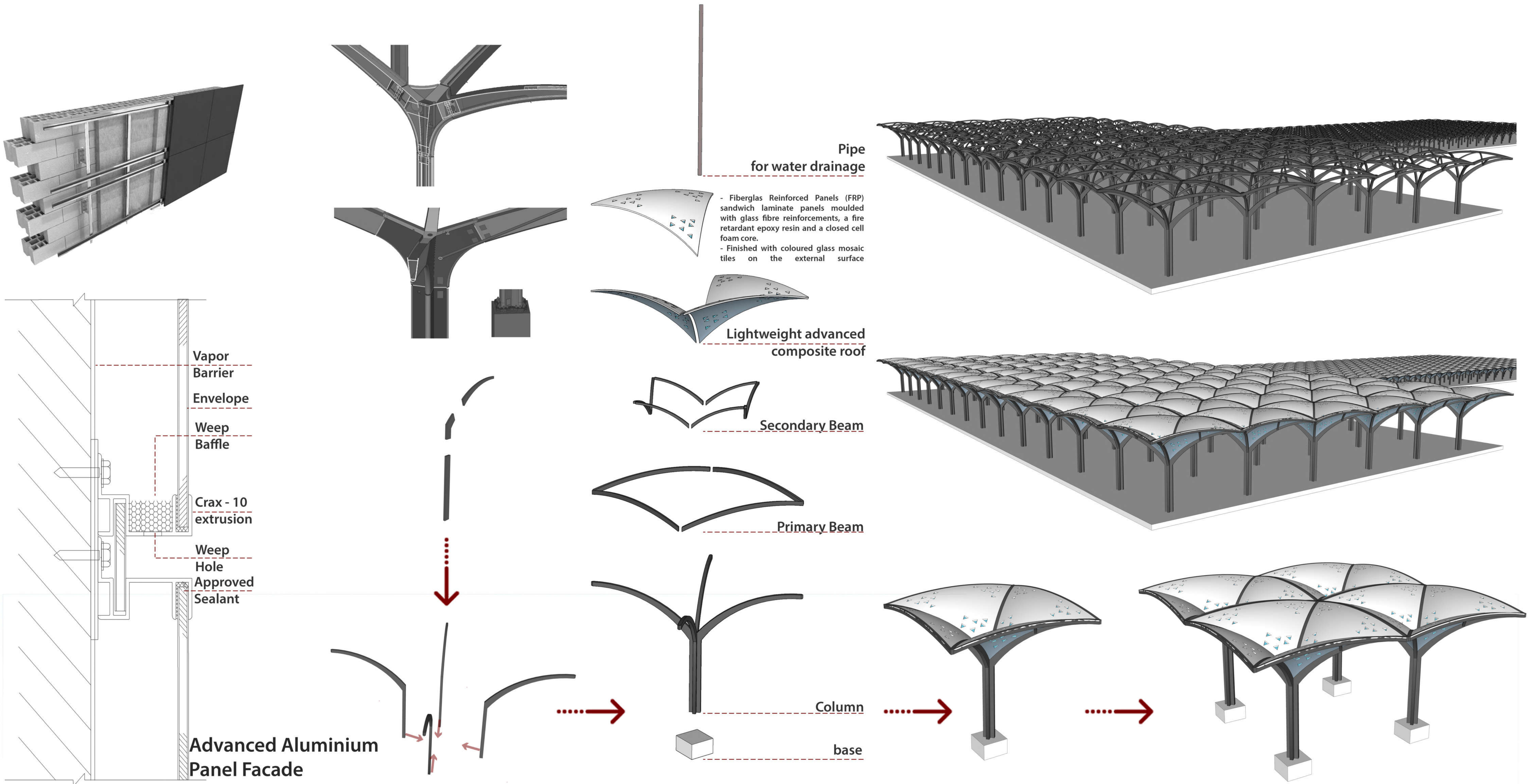
Drama with natural light in interior



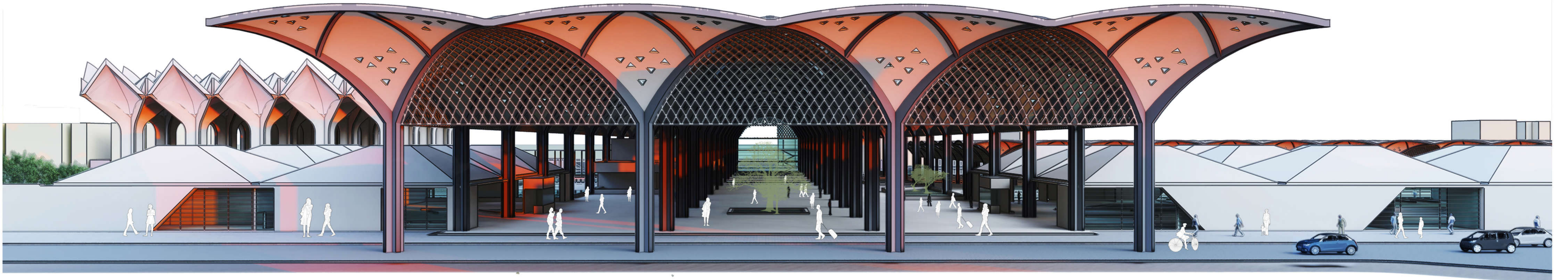
Courtyard to invite natural light and ventilation



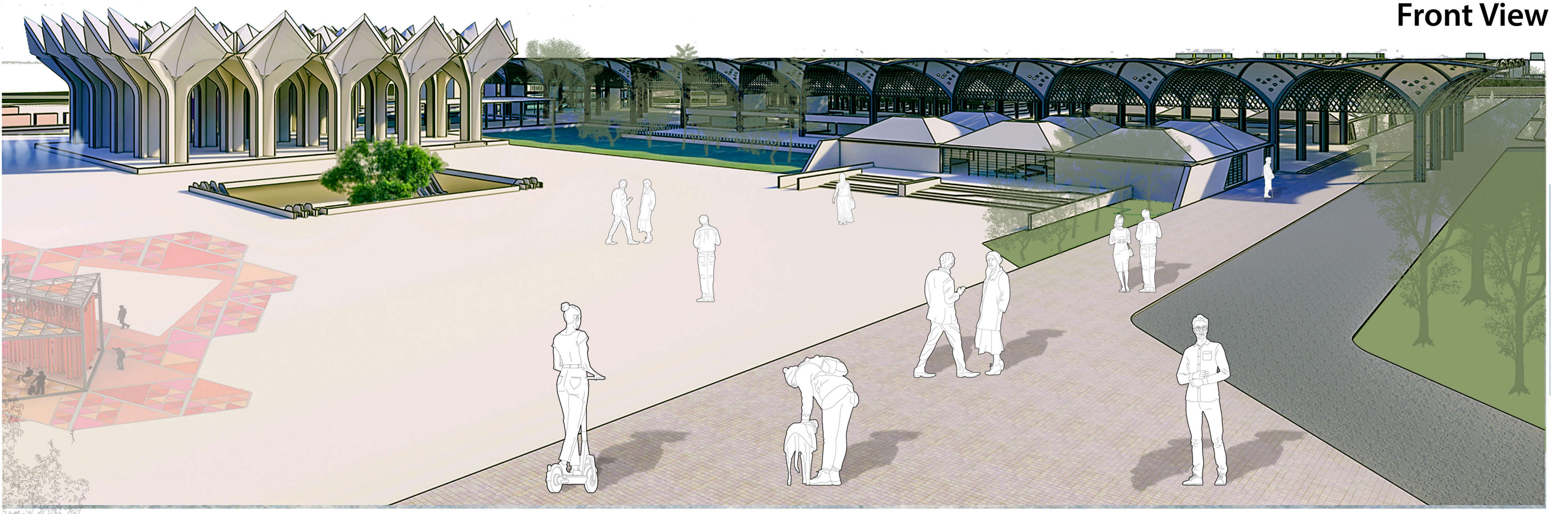
Blow Up Section ; Scale\_1:200



CONSTRUCTION  
DETAIL



Front View



Hybrid Plaza to engage the people and connect the two sides of the City



Green Park connected with the waiting lounge