

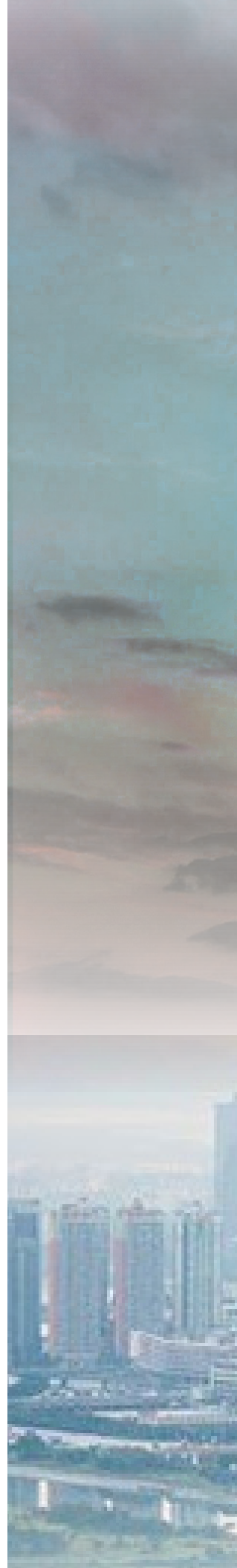


**Ang  
Li**

**Portfolio**

Urban Design  
spring 2015

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# COMPETITION TASK

Considering the interface between mobility and the city

The task of the competition is to create an urban design-based response to a specific brief about mobility related to Shenzhen and its local and regional relationships in the Pearl River Delta. The interface of mobility networks with the built environment of the city and region must be considered in a global context.

Competitors are asked to address the social, economic and environmental challenges presented by globalization and urbanization. Analytical design proposals should use mobility as both a catalyst and conduit for urban change.

The goal of the Global Schindler Award is to create an open forum for new thinking about the challenges and possibilities of a global, urban shared future using mobility systems for greater inclusion, connection and accessibility for all.

See more at: <http://www.schindler.com/award/internet/en/competition-2014/competition-task.html#sthash.NiZznqOz.dpuf>





# Flowing Colors

流光溢彩

Flowing Colors is a word come from Chinese idiom 流光溢彩 which is mean colors will overwing when lights or things move very fast. The Flowing Colors Project responds to the task of competition of Global Schindler Award to design a creation of interactive urban ensembles which focus on dierent modes of mobility and the interplay with built environment in SQ Neighborhood.

## SHENZHEN SUNGANG-QINGSHUIHE

The Global Schindler Award  
Competition 2015









# PROJECT INTRODUCTION

The project is located at Sungang-Qing-shuihe, Shenzhen, Chian. The area is the extension of Luohu center of Shenzhen. The railway and fragmented hills separated the neighborhood and limited the connection of neighborhood itself and to the city. Meanwhile, both have become outdated since the warehouse and storage facilities there cannot fulfill contemporary needs.

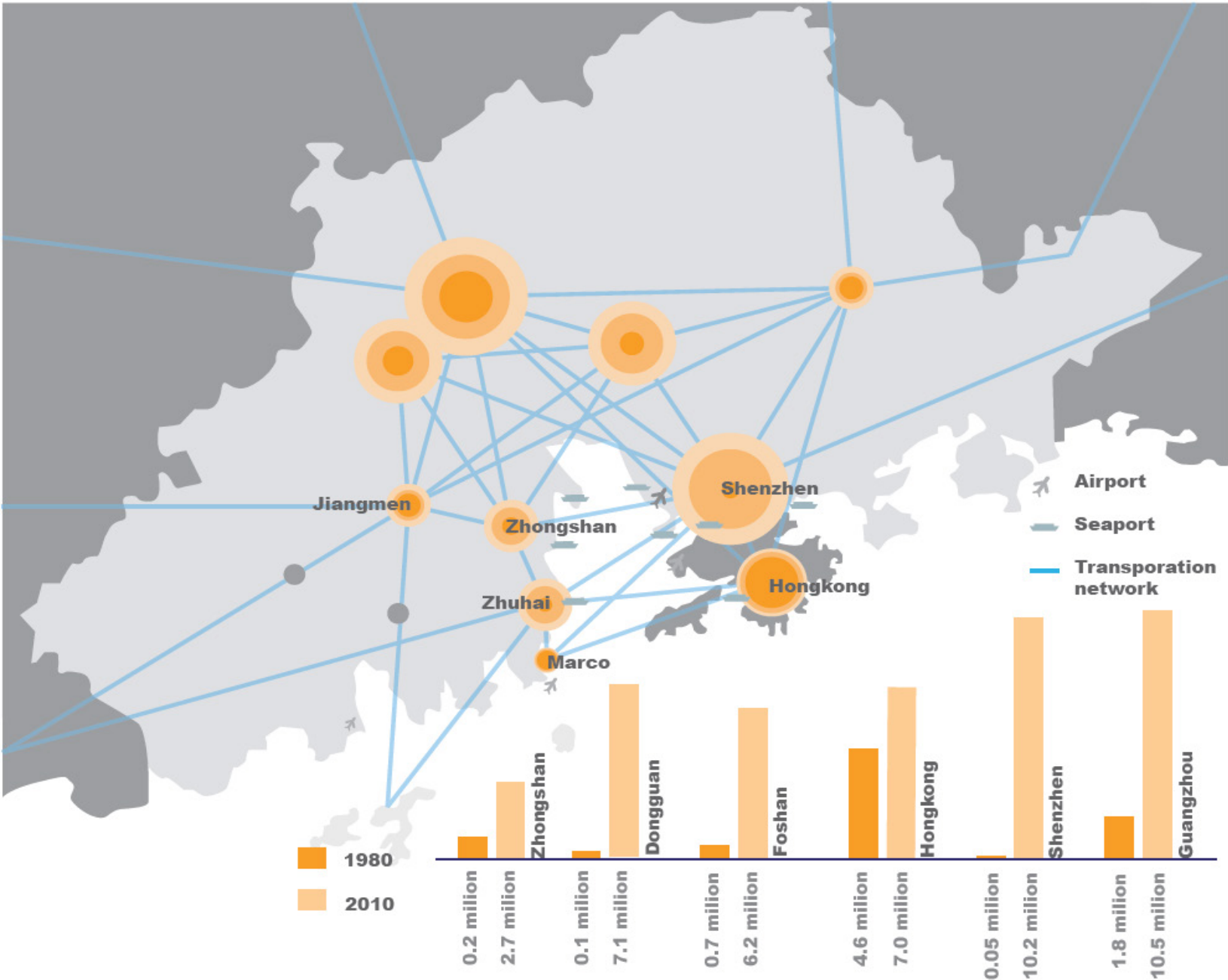
# SITE ANALYSIS

## POPULATION GRAPHIC

Shenzhen is an internationally relevant border city between Mainland China and Hong Kong. It is one of China's gates to the world. What was once a fishing village is now a metropolis of more than 10 million people. Shenzhen grew at an extraordinary pace, making it one of the world's fastest developing urban areas over the past 30 years. Over this period of time the whole Pearl River Delta transformed from a productive hinterland into a metropolitan region of 40 million inhabitants.





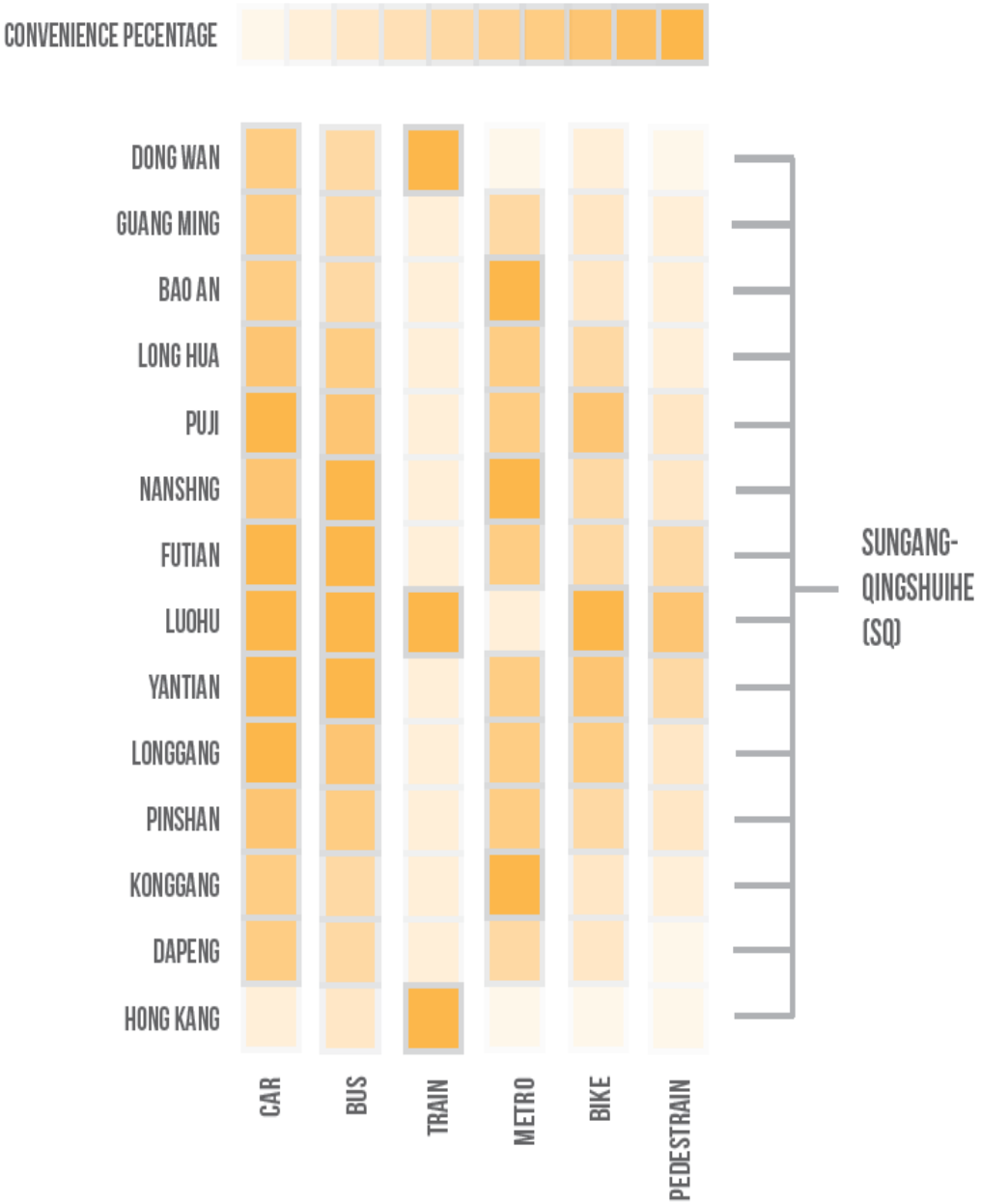


## POLLUTION DISTRIBUTION OF SHENZHEN

The environment of Shenzhen has been polluted. Especially, Luohu, Buji, Longgang districts which areas are developed by logistic, industries, wholesale markets and etc.

# MOBILITY OF SQ TO THE CITY

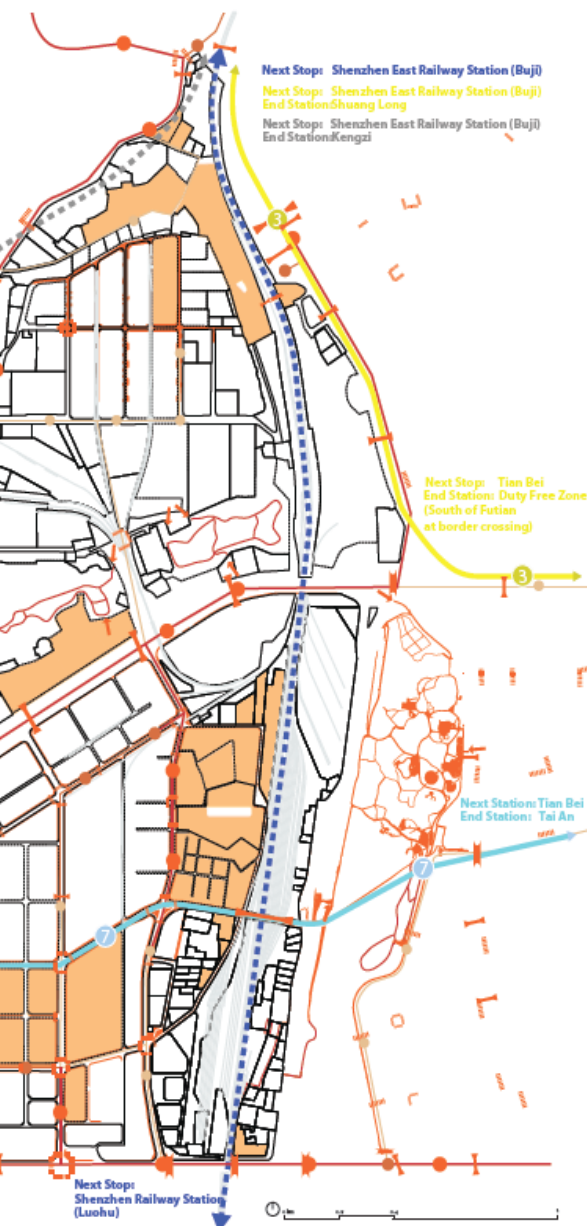
# SQ PUBLIC T



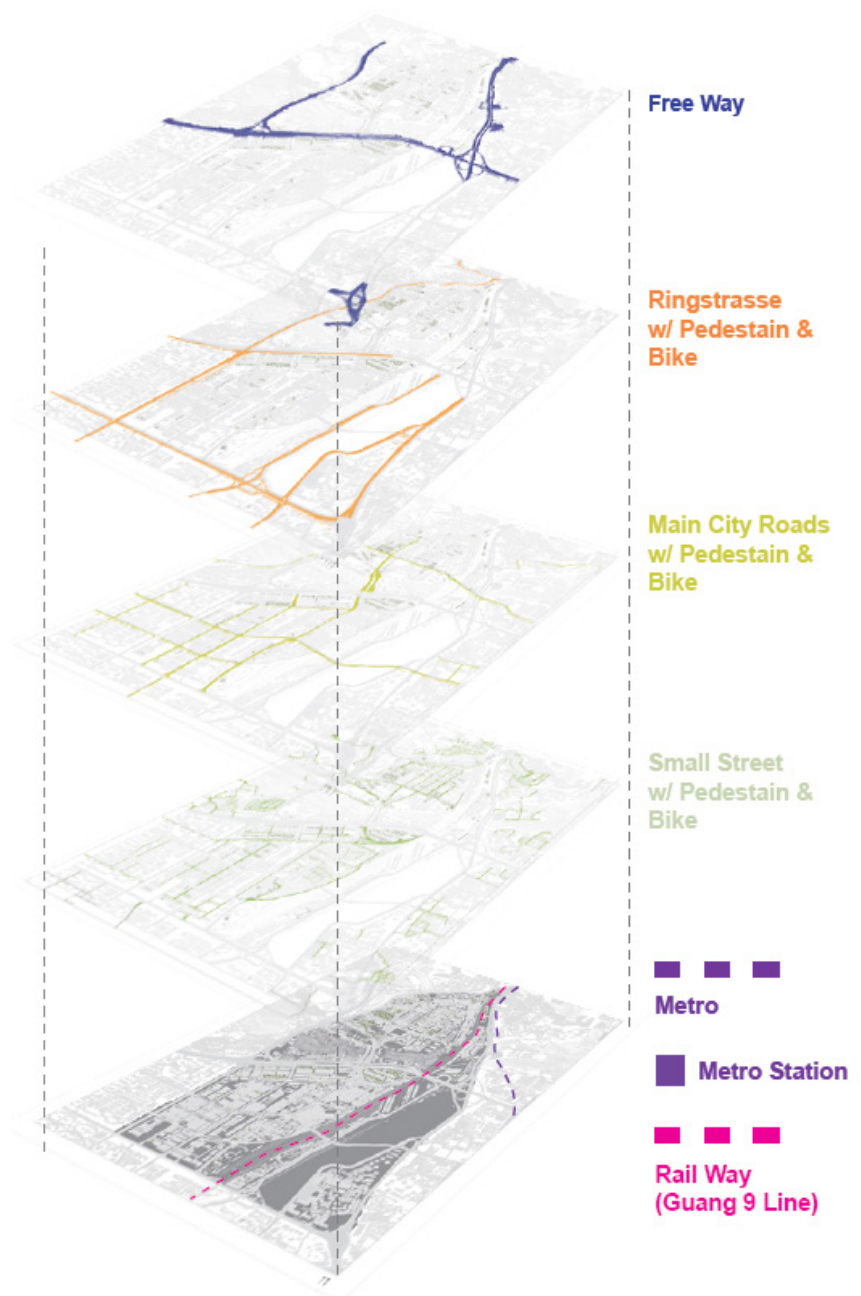


# SITE ANALYSIS

## TRANSPORTATION

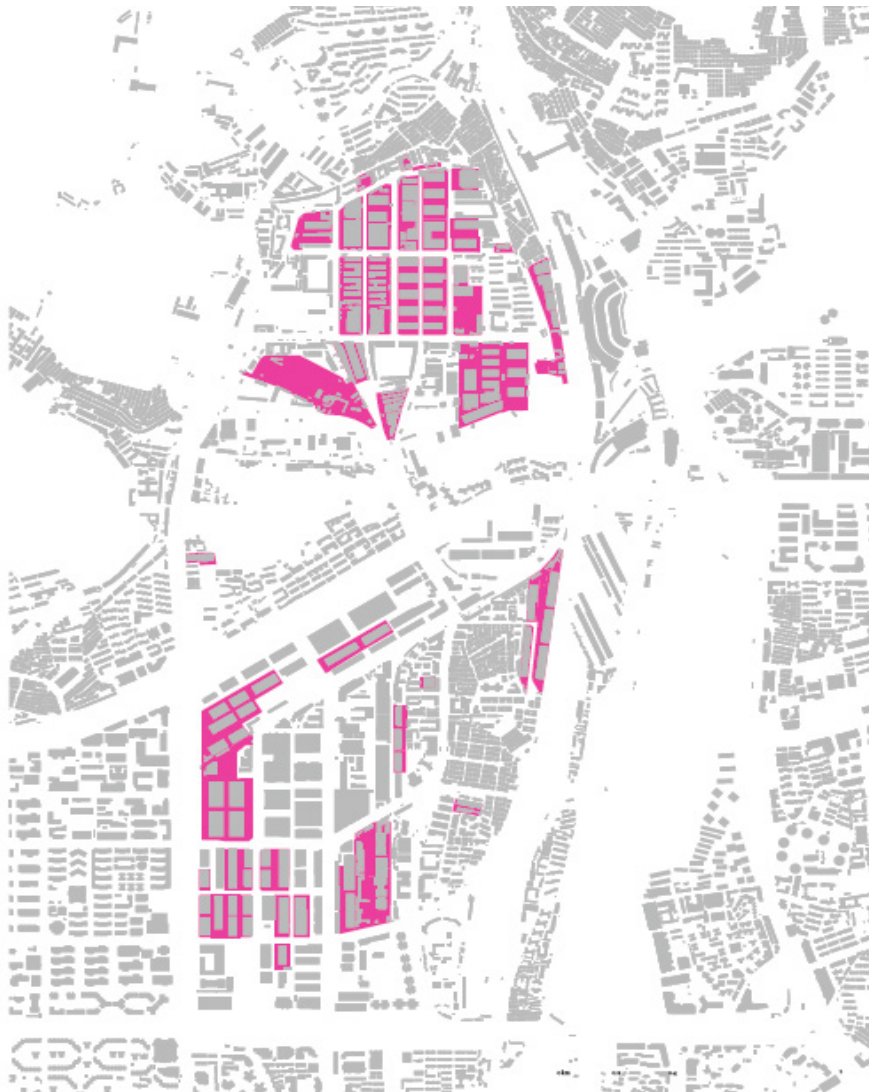


## ROAD HIERARCHY ANALYSIS



# SITE ANALYSIS

## LAND USE



Warehouses



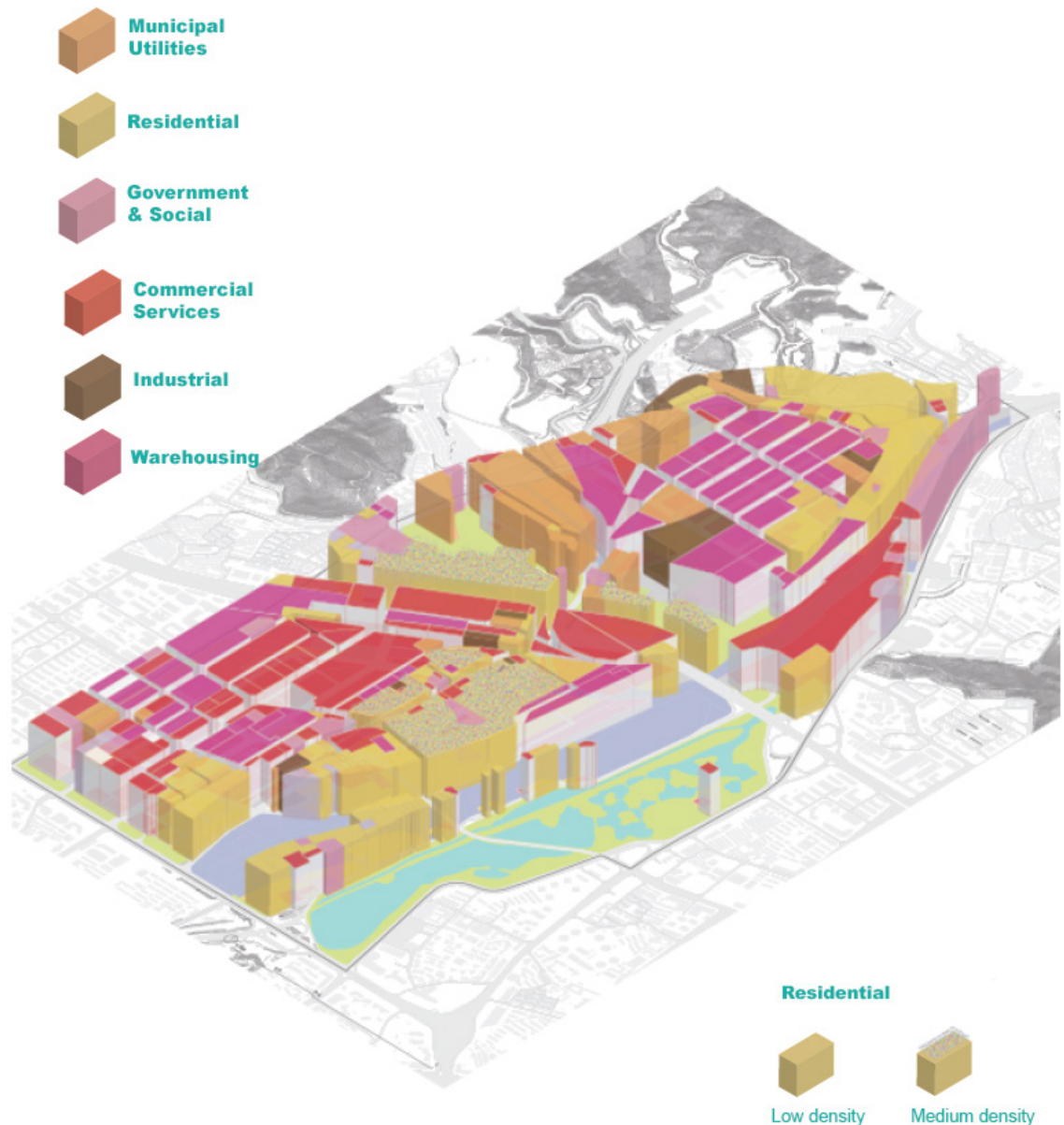
Residential



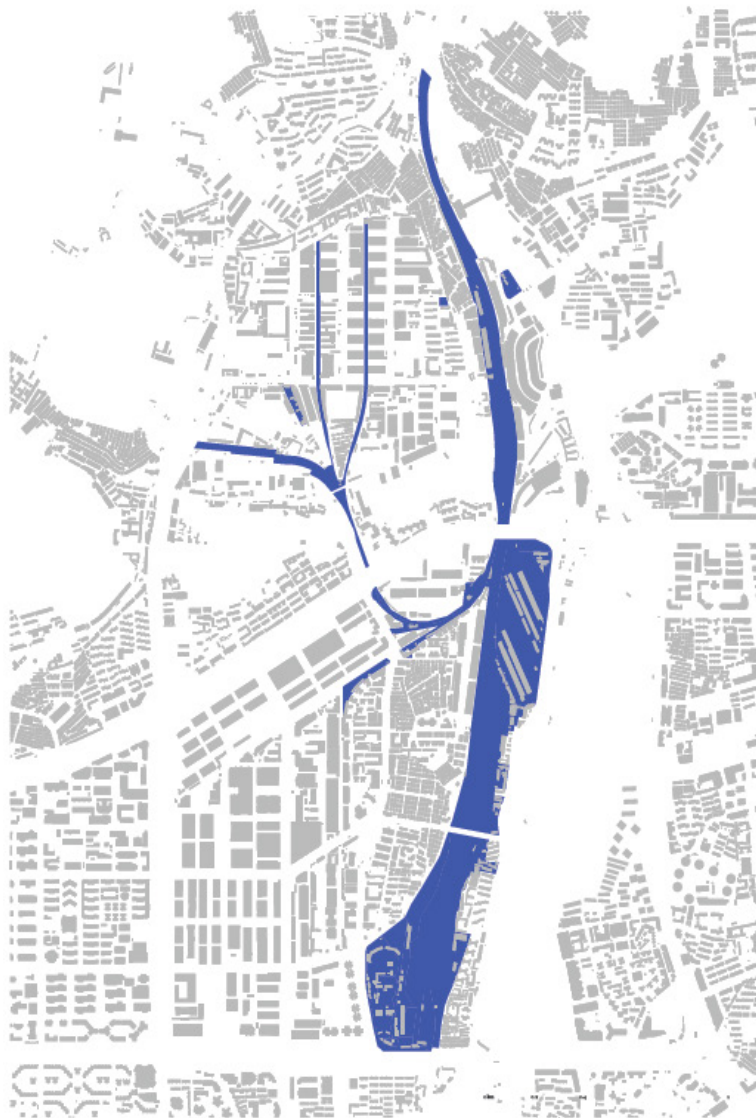
The land use map analyzed that SQ is dominated by logistics-oriented typologies such as warehouse and wholesale markets and few industries. These structures Ndeely impact surrounding environment. To build a health and sustainable environment for SQ is not benet for SQ residents but also Shenzhen



Area



# LAND USE



Trail Way

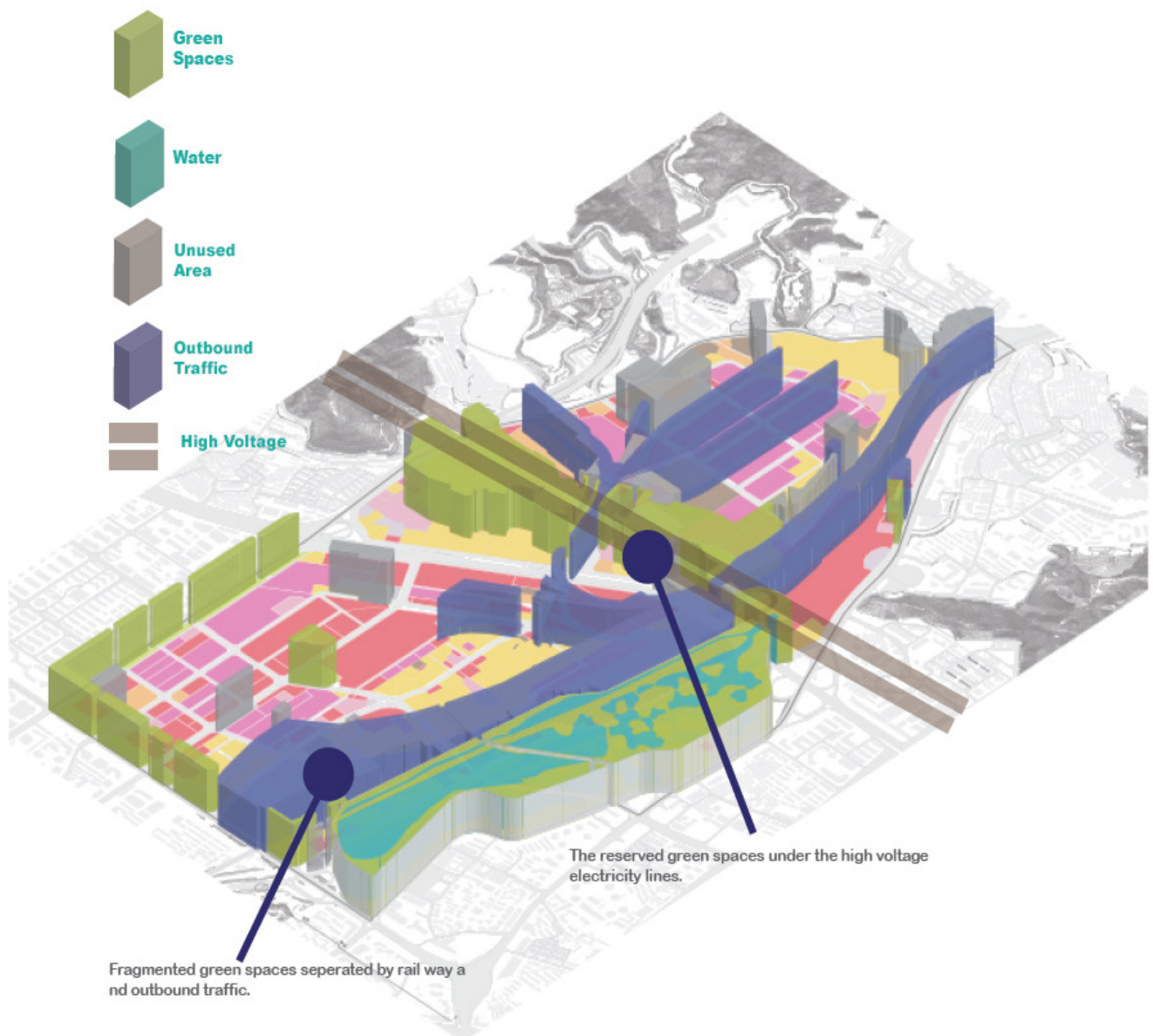


Green Spaces



# SITE ANALYSIS

SQ has great transit network of outside but lack good transit system inside of district. The railway and fragmented hills limit and separate inside transit system to city.



# SITE ANALYSIS

## SEPARATION OF NEIGHBORHOOD

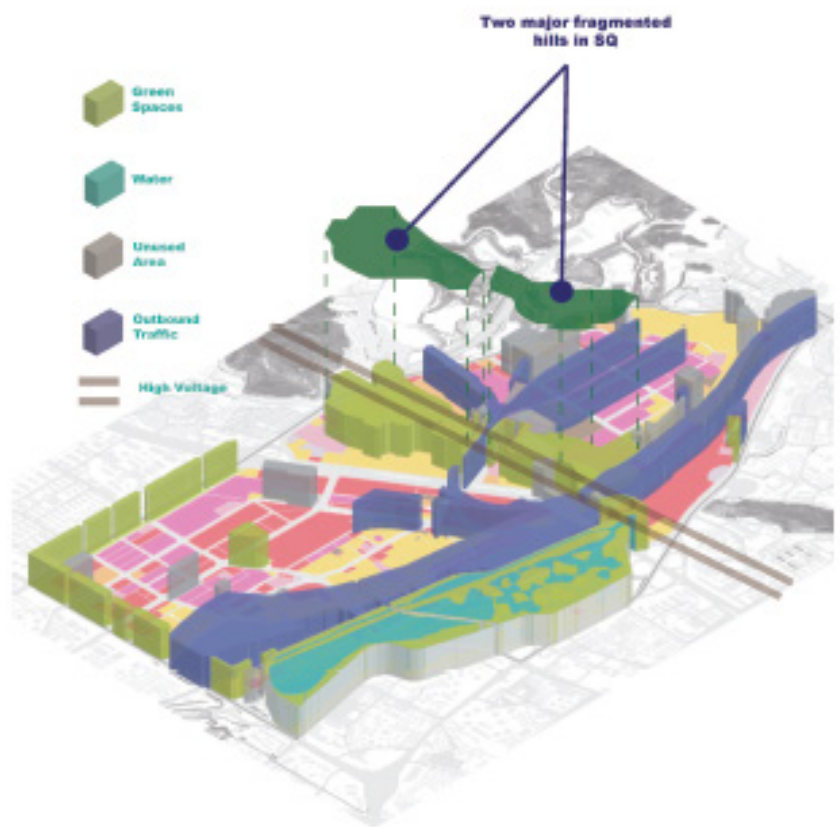
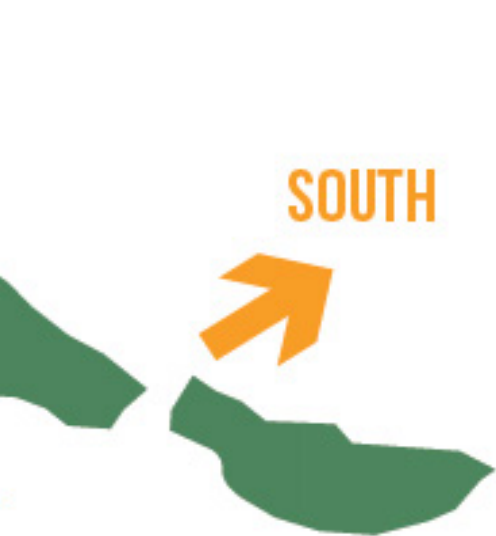


**FRAGMENT**  
The existing rail  
There are two f

**WEST**

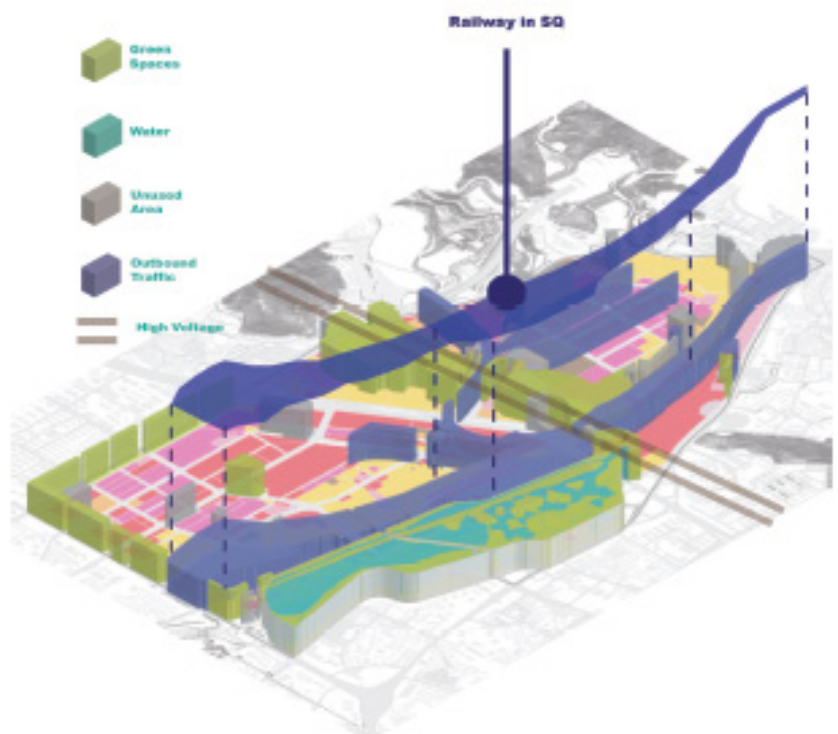






B

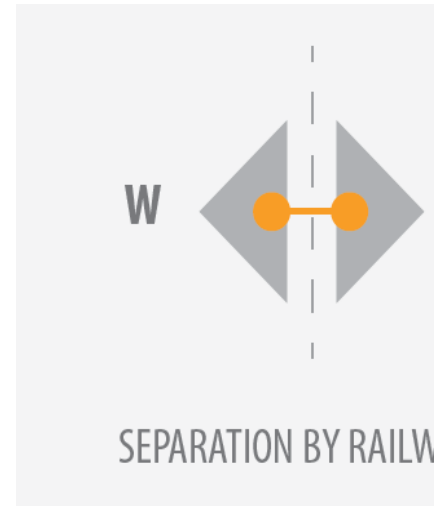
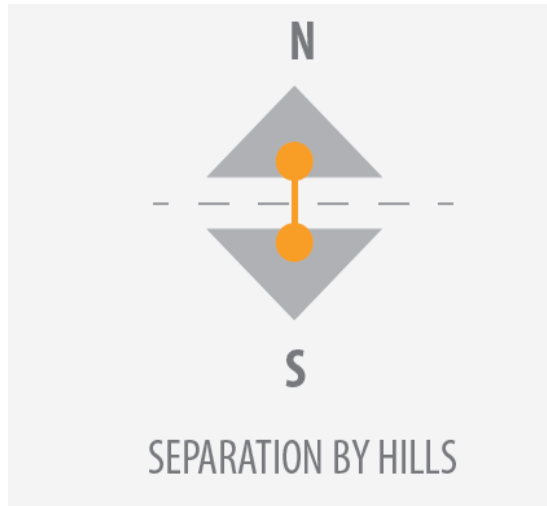
Freeway separate SQ to West part and East Part.  
Freeway bridges cross over the railway.



# CONCEPT



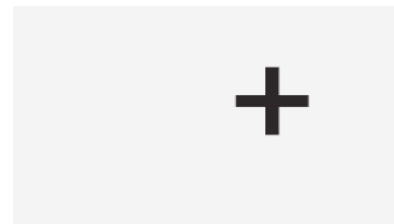
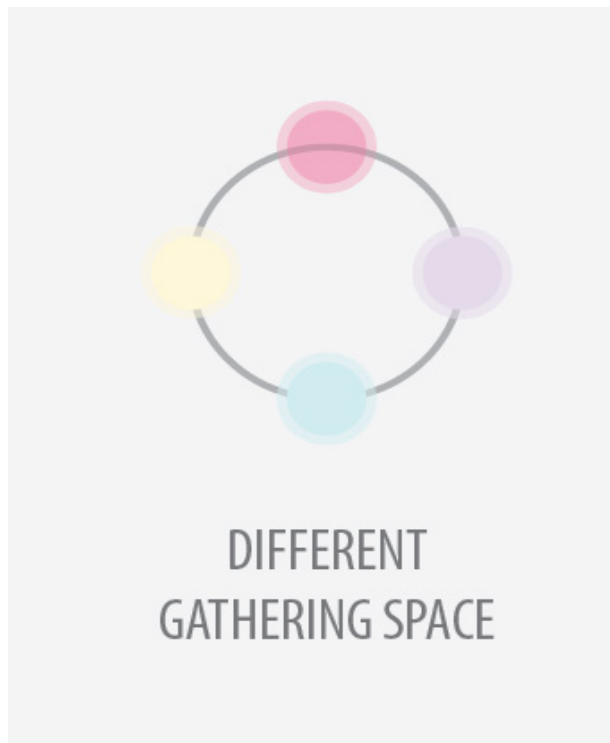
Idea of project uses colors to create four unique and functional areas which improve to connection and communication of SQ Neighborhood and to the Shenzhen city. Meanwhile, each area not only provides unique structures to enhance the mobility of SQ Neighborhood but also improve the environments for surrounding residents.



IDEA



# CONCEPT

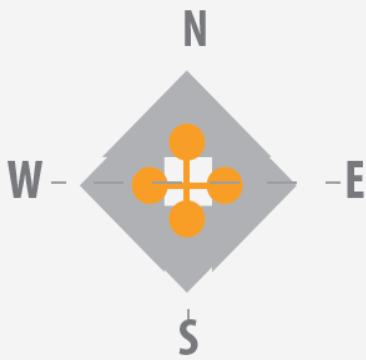




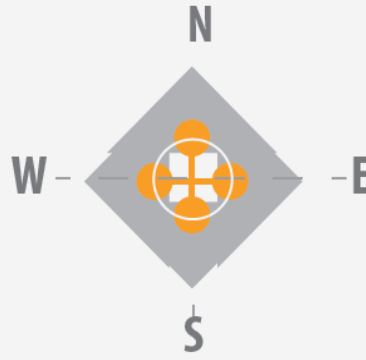
E

WAY

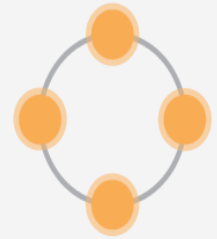
## EXISTING ISSUE



MERGE TOGETHER



CONNECTION



GATHERING NODES



NETWORK  
CONNECTION

=

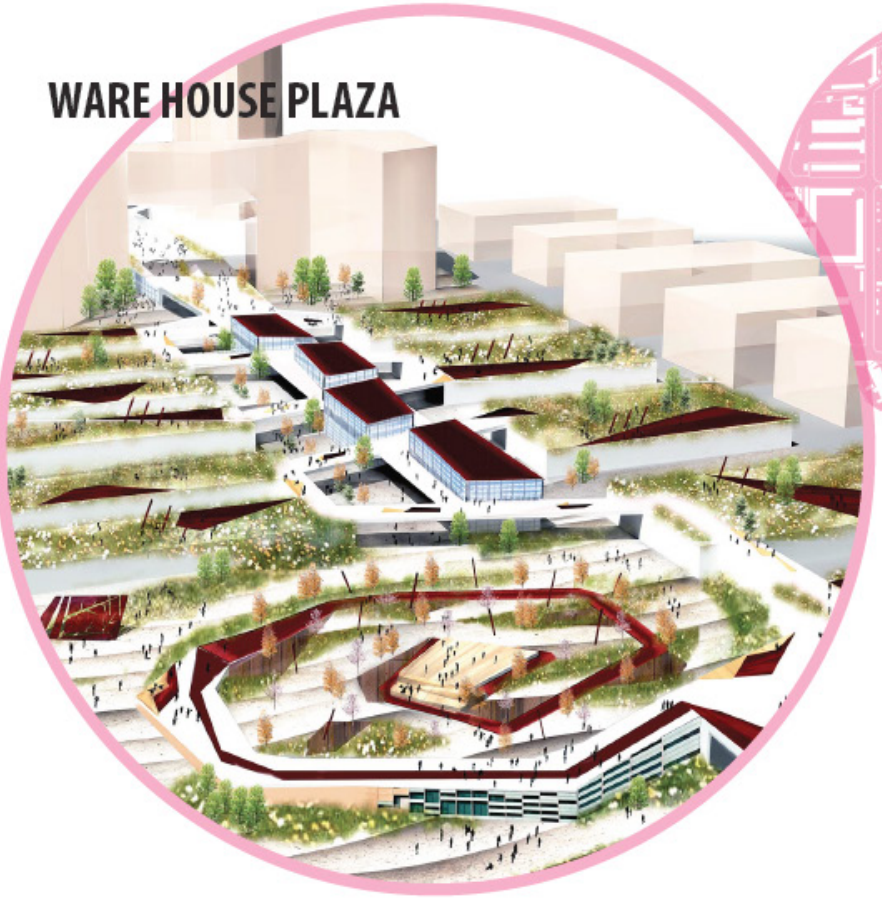


IMPROVE  
MOBILITY

# DESIGN PROGRESS

Color red, yellow, blue, and purple apply into four areas, and each color presents different theme and function for areas.

**WARE HOUSE PLAZA**



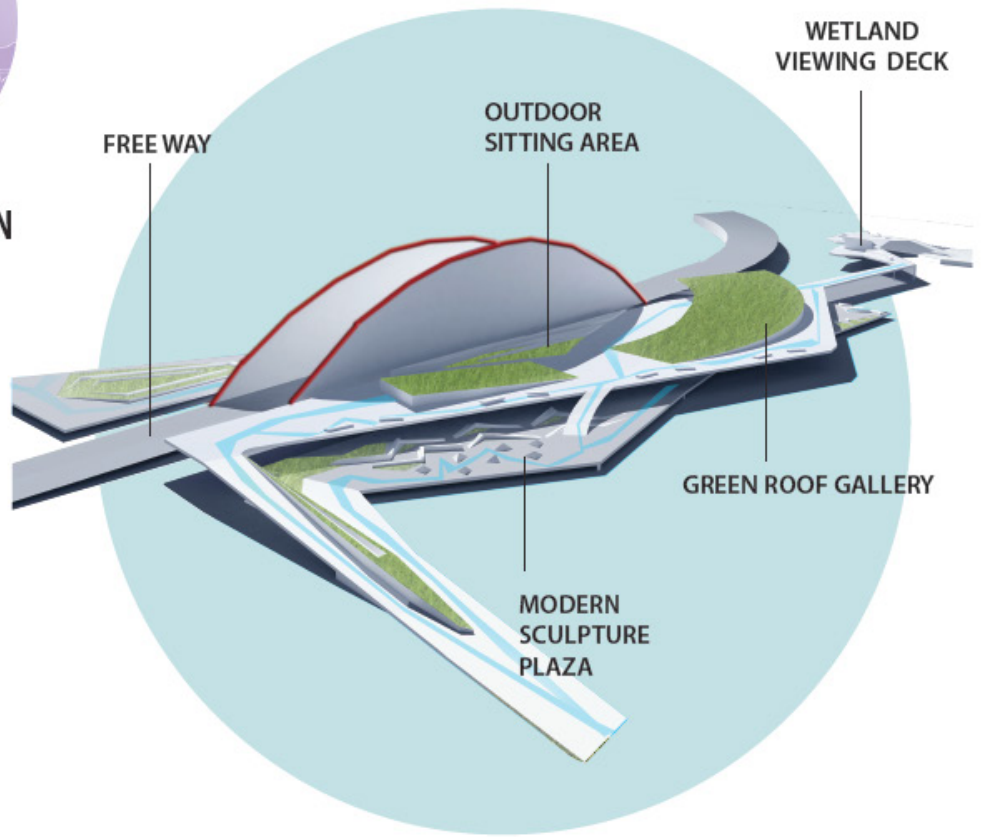
**EXPANDING BRIDGE**







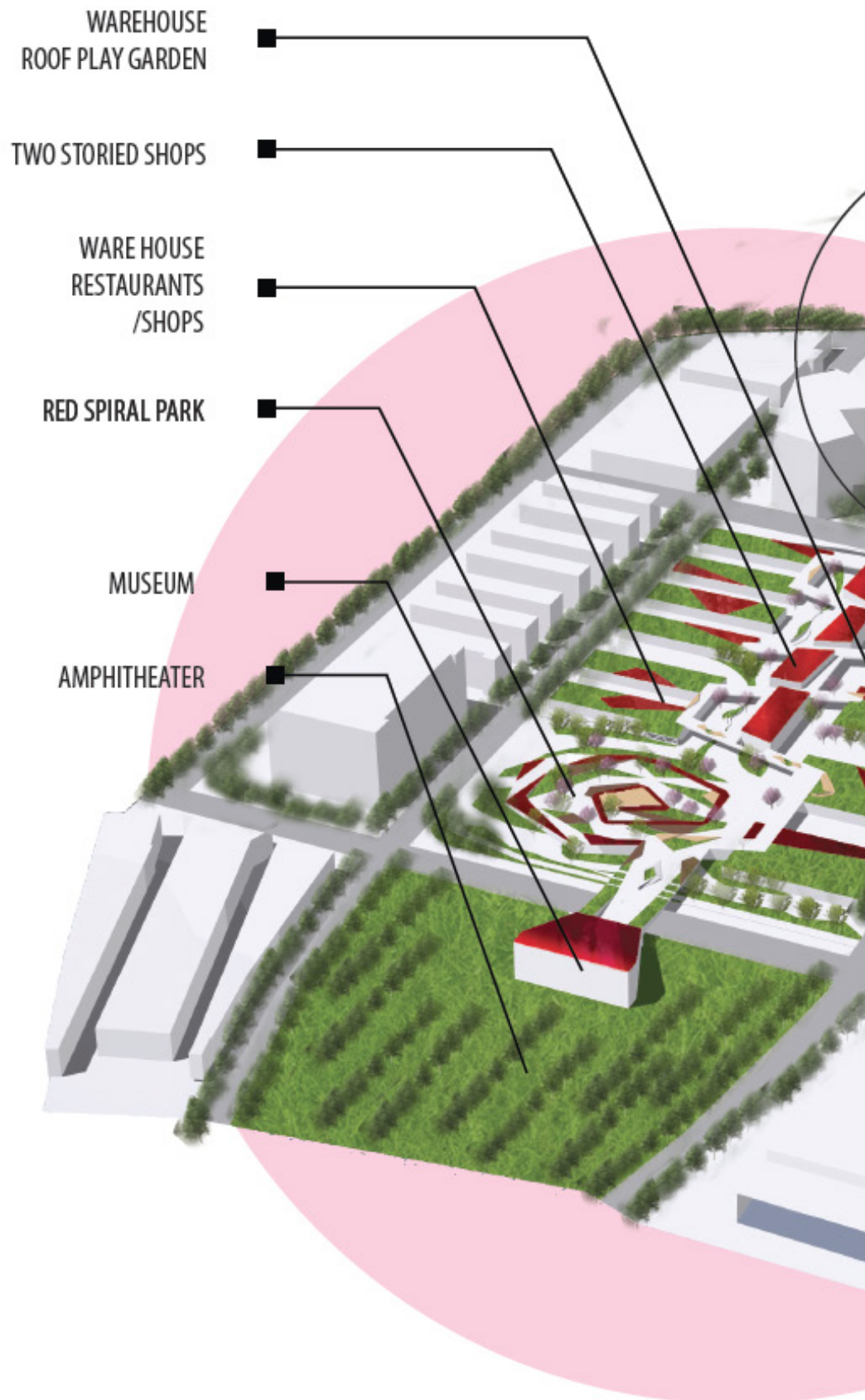
**NEW TRAIN STATION**



# WAREHOUSE PLAZA

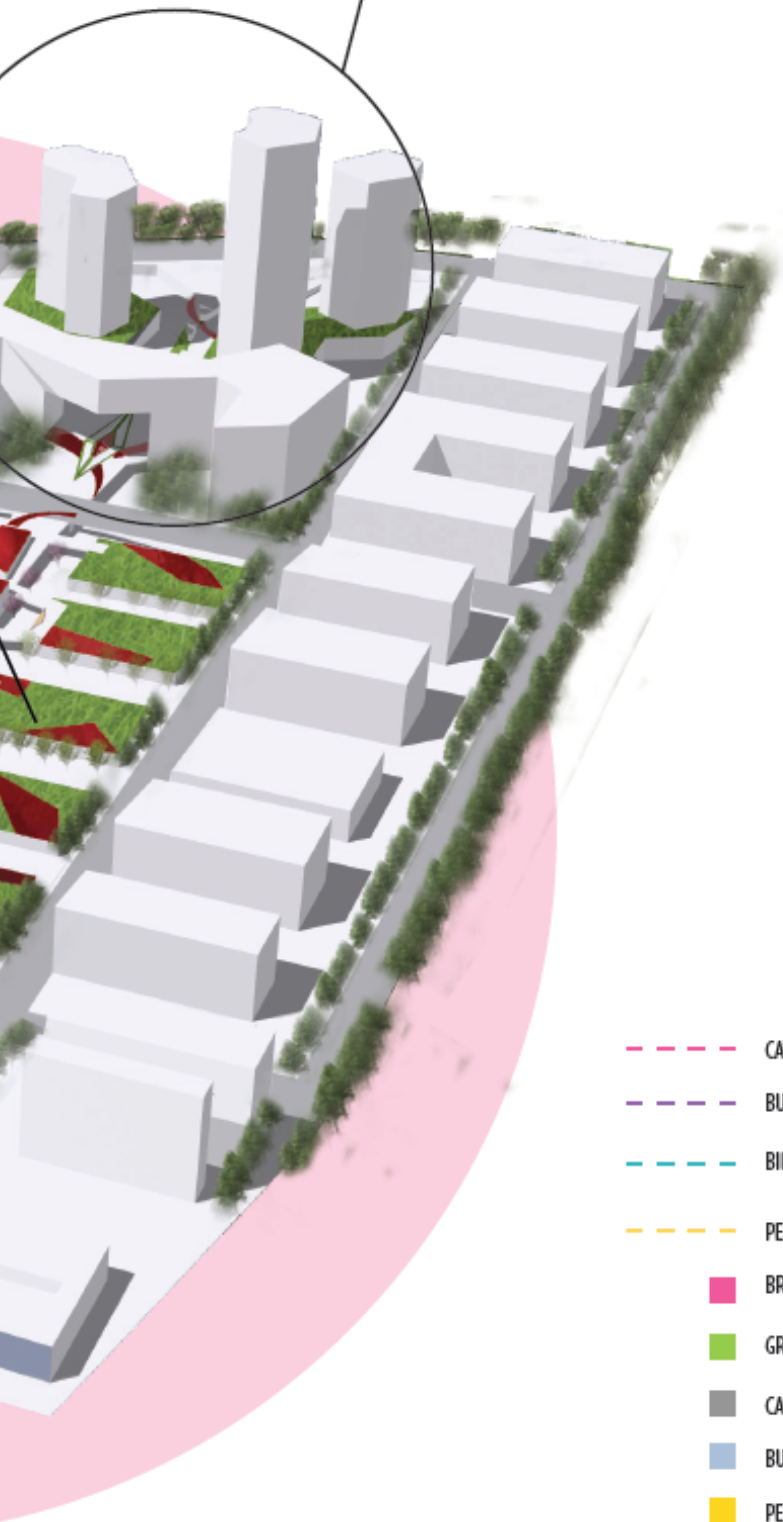
## DESIGN PROGRESS

Warehouse Plaza is going to be a new landmark for SQ neighborhood. This area includes shopping stores, cafes, restaurants and spiral park. The elevated bridge connect green roof of warehouses to other two blocks which are museum and shopping channel. The elevated bridge is not just for walking but also it use for art installation





# BRIDGE WITH UNDER SHOPPING CHANNEL



OFFICE BUILDING AND WAREHOUSE SHOPS

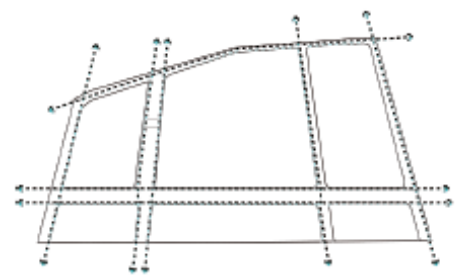
GREEN ROOF



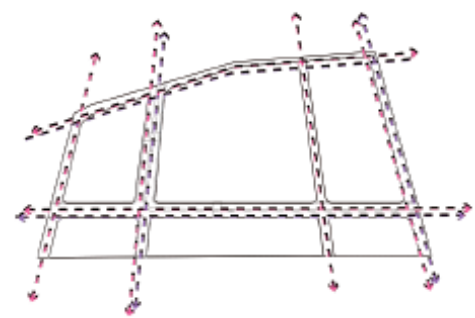
SHOPPING CHANNEL BRIDGE



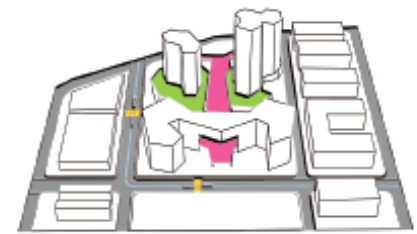
UNDER BRIDGE SHOPPING CHANNEL



BIKE CIRCULATION



VEHICLE CIRCULATION



SHOPPING CHANNEL BRIDGE PLAZA



UNDER GROUND PARKING LOT

- CAR CIRCULATION
- BUS CIRCULATION
- BIKE CIRCULATION
- PEDESTRIAN CIRCULATION
- BRIDGE OF SHOPPING CHANNEL
- GREEN ROOF
- CAR ROADS
- BUS ROADS
- PEDESTRIAN ACCESS



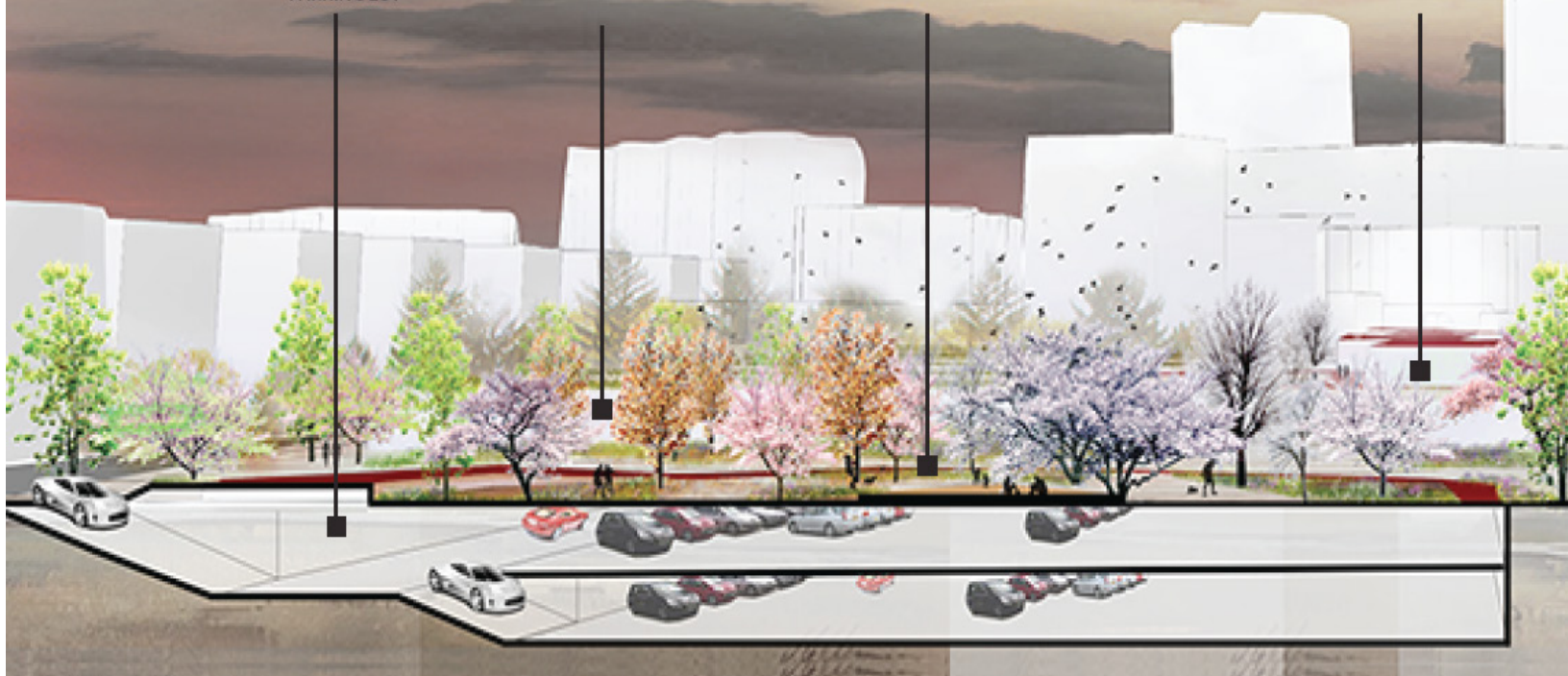
# SECTION WAREHOUSE PLAZA

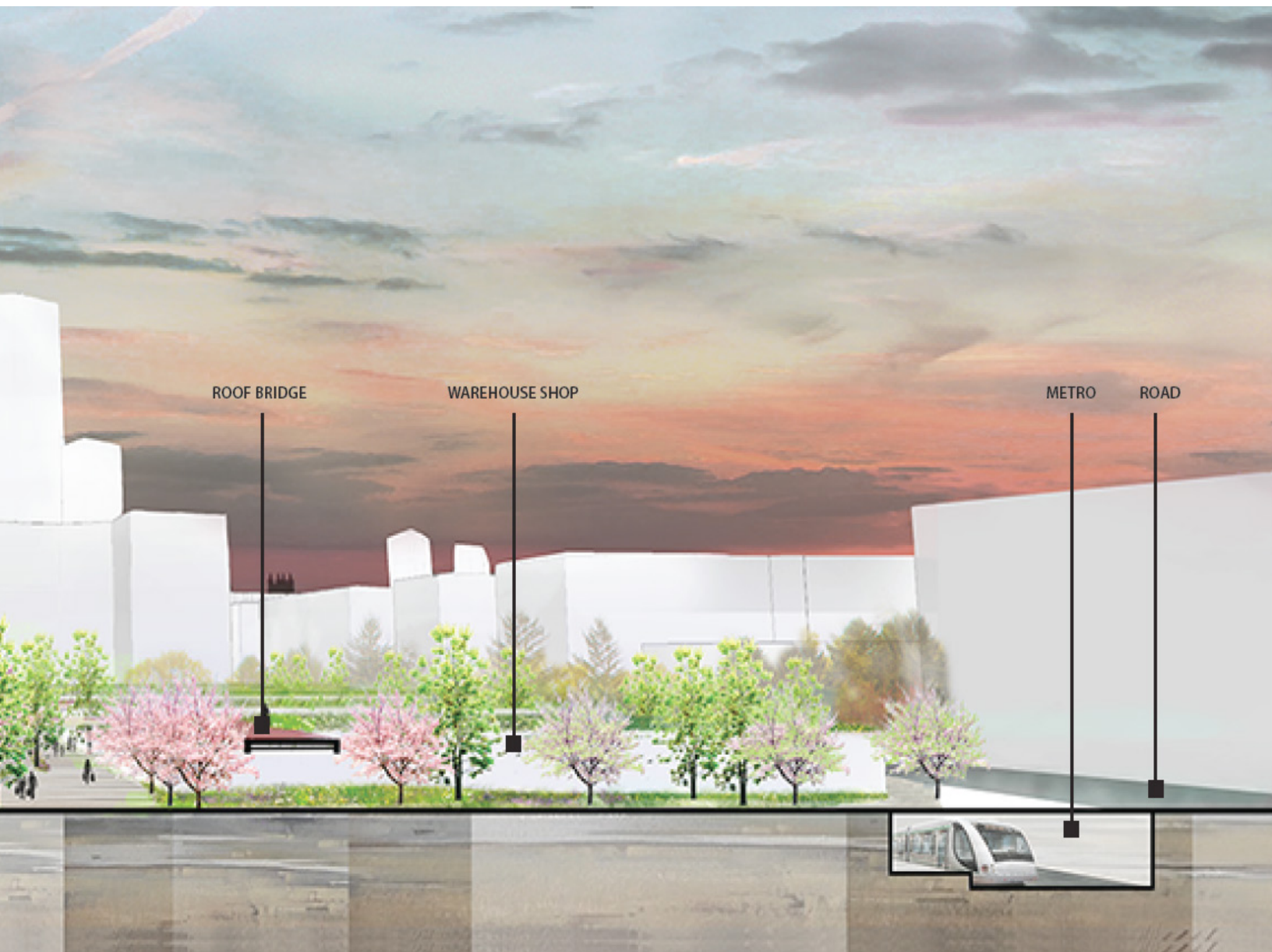
UNDER GROUND  
PARKING LOT

WAREHOUSE RESTAURANT

RED SPIRAL PARK

TWO STORIED SHOP







# WAREHOUSE PLAZA





# ABOVE THE BRIDGE



# UNDER THE BRIDGE

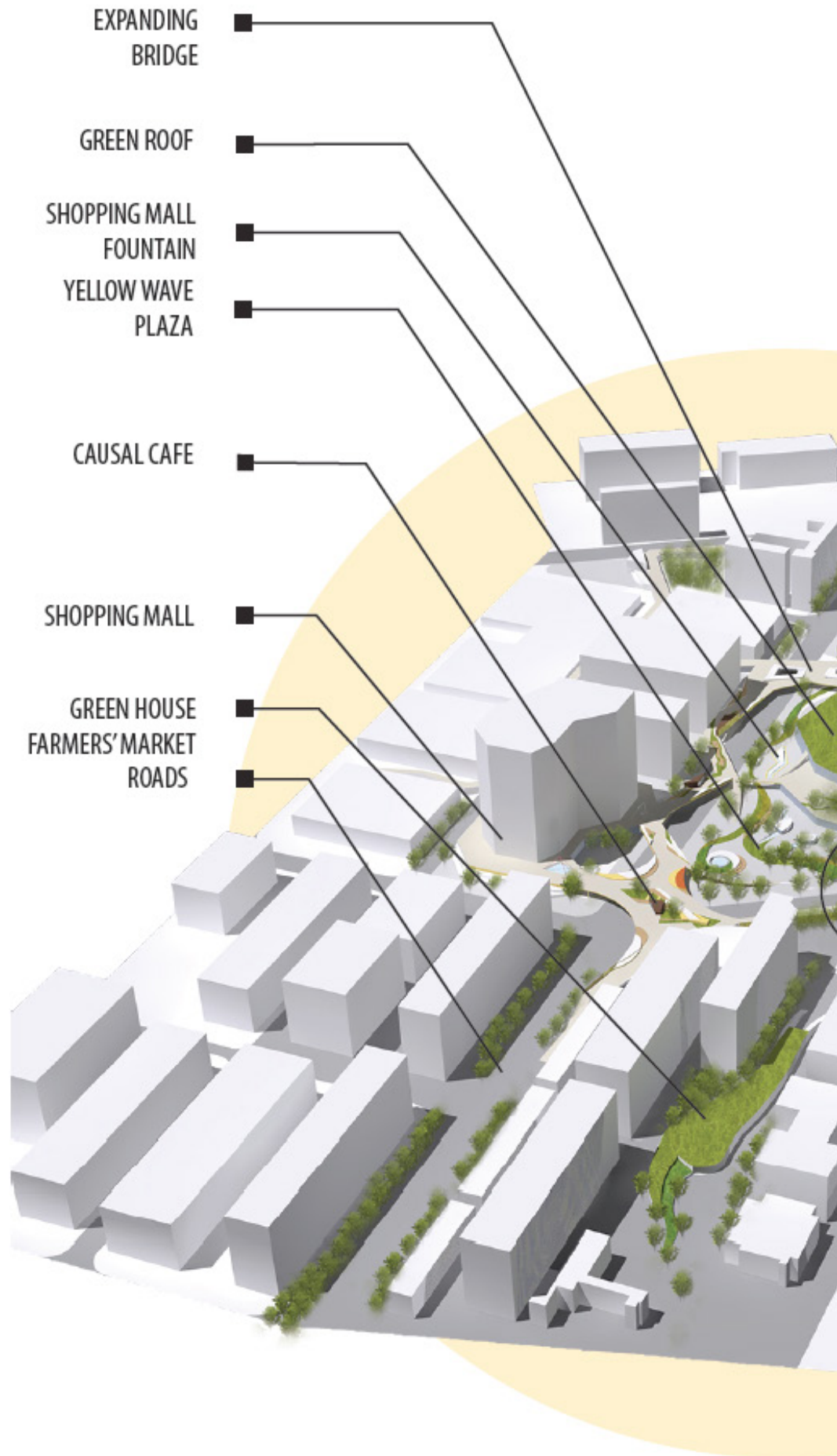


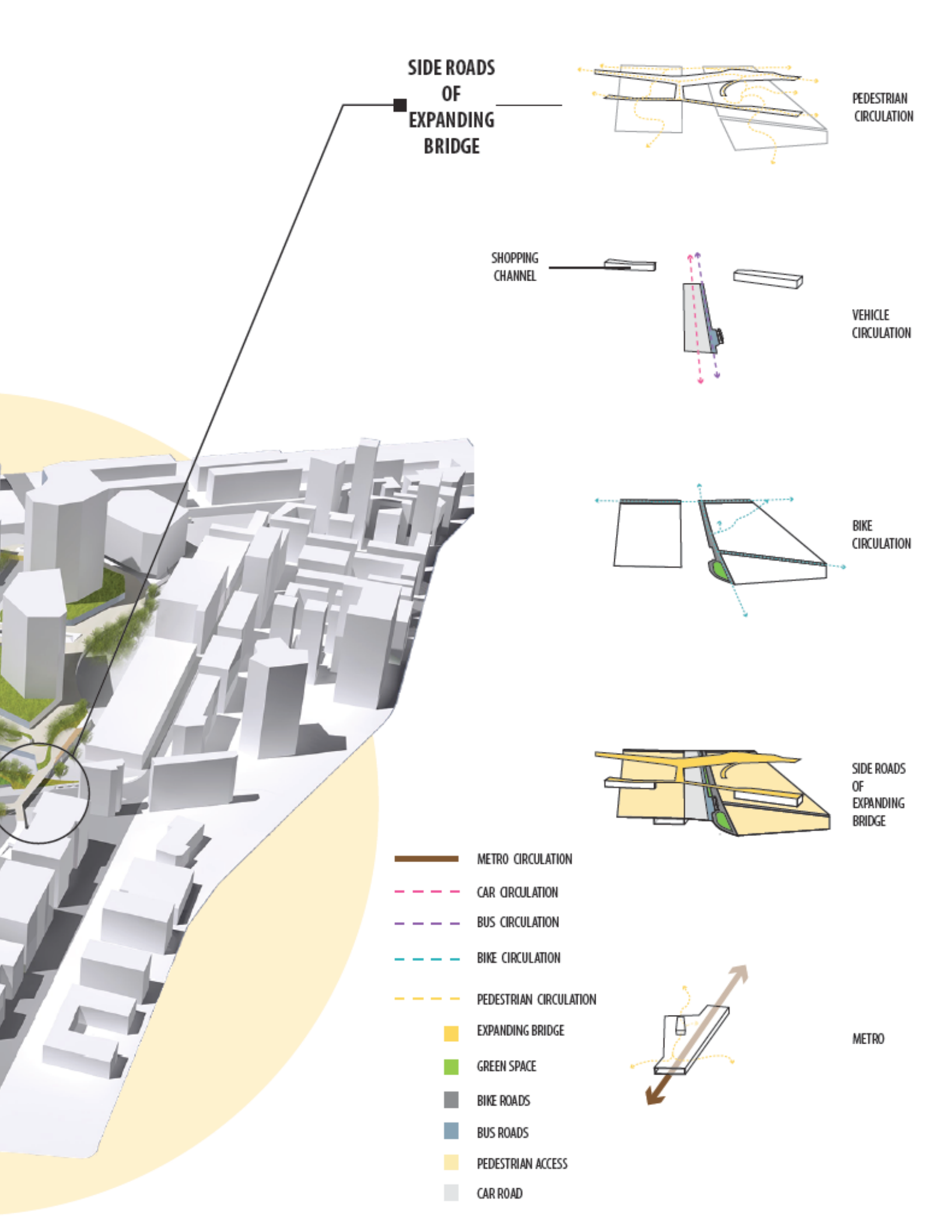


# YELLOW WAVE PLAZA

## DESIGN PROGRESS

Yellow area was commercial area. Now, it transforms to mix-use to create more relationship and connection to surrounding residents. Its main idea is elevated spreading bridge which spreading to residential area. The spreading bridge is not just separate traffic but also provide the space and casual cafes for people daily activity and recreational use.



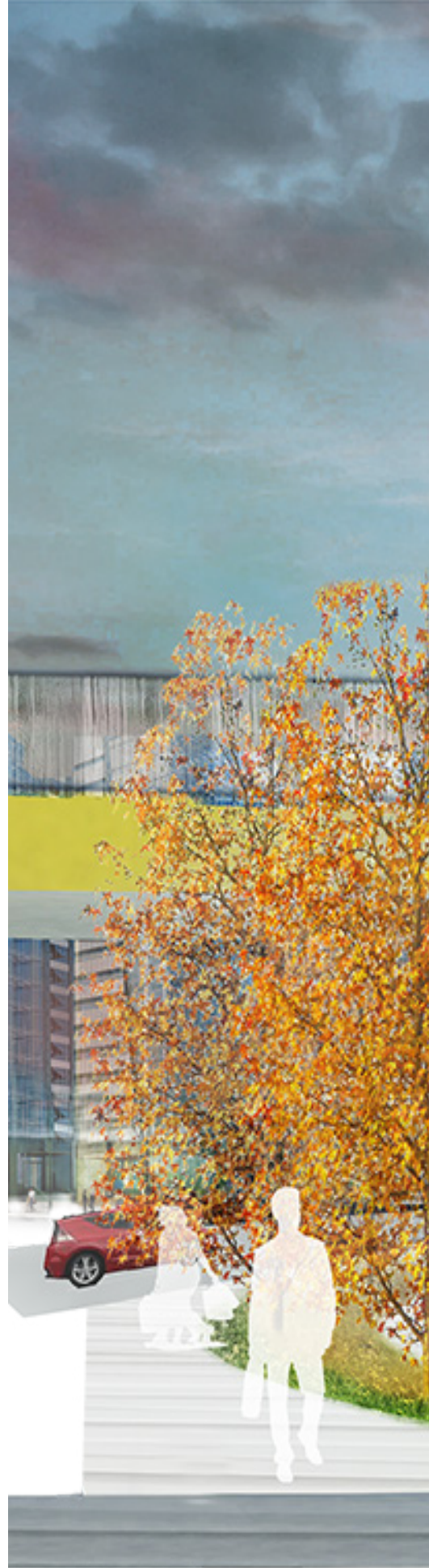




# ROOF CAFE



# BRIDGE CAFE





# SHOPPING MALL ENTRY



# Flowing Colors

流光溢彩







# THANK YOU

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LA 461 Winter 2015

Professor Torres Bustamante, Cesar