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Portfolio
Urban Design
spring 2015
TABLE CONTENT
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.

Flowing Colors

Flowing Colors is a word come from Chinese idiom 流光溢彩 which is mean colors will overowing 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-Qingshuihe, Shenzhen, China. 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 Meanwhile, both have become outdated since the warehouse and storage facilities there cannot fulfill contemporary needs.
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.
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

CONVENIENCE PERCENTAGE

DONG WAN
GUANG MING
BAO AN
LONG HUA
PUY
NANSHING
FUTIAN
LUOHU
YANTIAN
LONGGANG
PINSHAN
KONGGANG
DAPENG
HONG KONG

CAR
BUS
TRAIN
METRO
BIKE
PEDESTRAIN

SUNCANG-QINGSHUIHE (SQ)

SQ PUBLIC TRANSMISSION SYSTEM
SITE ANALYSIS

TRANSPORTATION

ROAD HIERARCHY ANALYSIS

Free Way

Ringstrasse w/ Pedestrian & Bike

Main City Roads w/ Pedestrian & Bike

Small Street w/ Pedestrian & Bike

Metro

Metro Station

Rail Way (Guang 9 Line)
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 deeply impact surrounding environment. To build a health and sustainable environment for SQ is not benet for SQ residents but also Shenzhen.
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
A

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

EAST
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.
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.
WAREHOUSE PLAZA

WAREHOUSE ROOF PLAY GARDEN
TWO STORIED SHOPS
WAREHOUSE RESTAURANTS /SHOPS
RED SPIRAL PARK
MUSEUM
AMPHITHEATER

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.
SECTION
WAREHOUSE PLAZA

UNDER GROUND PARKING LOT
WAREHOUSE RESTAURANT
RED SPIRAL PARK
TWO STORIED SHOP
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.
Flowing Colors

流光溢彩
THANK YOU

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