

# Community in Mobility

Austria-China/"From city to building" workshop

奥中联合教学



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第一部分  
Part One

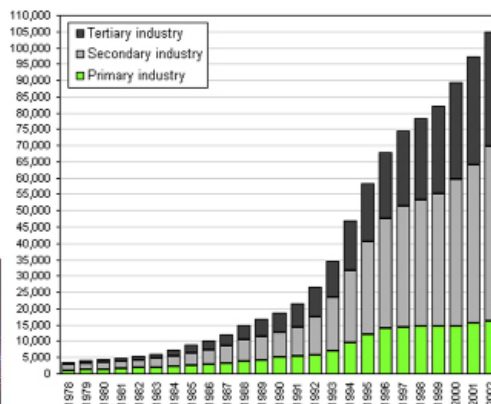
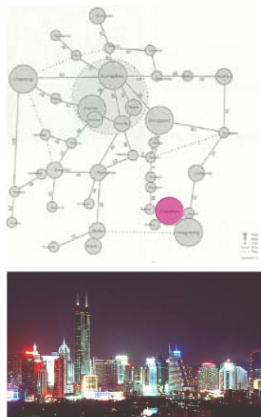
## Workshop-project Background 设计背景



### 城市 Urban

深圳位于中国南部，是珠三角的核心城市之一，是中国首批经济特区之一。自上世纪 80 年代以来，在新政策的鼓励下，深圳在极短的时间内经历了一段急速发展的过程，一跃成为中国发展最快的城市之一。

Shenzhen located in the south of China. It is one of the core cities of the PRD, it's one of the economic special zones in China. From the 1980s, Shenzhen had undergone a process of the rapid development and became one of the most quickly developing cities in China.



### 发展 Development

在短短 30 年里，深圳经历了几何级数般的发展，从起初的渔村，发展成为人口超千万的特大城市。而另一方面，高速的发展同时也给城市带来了许多问题，人口和城市规模的扩大给城市基础设施的发展提出了更高的要求。

In 30 years, Shenzhen had undergone a geometric growth which have turned it from a village to an XL city with more than ten million population. However on the other hand, fast growth also bring problems to the city, large population and scale of the city bring a higher requirement for the development of the city infrastructure.



### 基础设施 Infrastructure

基础设施的不断发展和膨胀使之越来越成为城市中不可忽视的一部分，而不断延伸的交通基础设施时常成为割裂城市空间的消极因素。如何解决基础设施给城市带来的消极问题，设法使之介入城市生活成为我们需要去面对的问题。

The continuous development and expansion of the infrastructures have made them an unignorable parts of the city. The stretching transit infrastructures always become negative elements that separate the urban space. How to solve the problem of infrastructure and bring them to the city life become the problem we have to think about.



## 基础设施综合体 InfrastructureS

将交通基础设施与其它城市基础设施以及功能相结合，形成一种基础设施综合体，在丰富和完善基础设施的功能的同时，使城市基础设施融入城市空间和城市生活。

We try to combine transit infrastructure and other urban infrastructure and function together to form a kind of infrastructure complex which will not only enrich and strengthen the function of the infrastructure but also bring the infrastructure into the urban spaces and urban life.

项目条件 Project condition



本设计选址在位于深圳市南山区西丽镇的深圳大学城地区。这里地处郊区，远离城市中心，而另一方面，这里聚集了大量高校和科研机构，规划中这里将成为高等教育与高新科技的中心。

The site is located at the college city area in Xili, Nanshan district Shenzhen. Although this area is suburban area that far from city center, it gathered a lot of universities and research institutes. In the future plan, this area will become a center of higher education and high tech park of Shenzhen.

基地现状

目前场地主要由深圳大学城和现存村落构成。交通设施主要包括南平快速路，平南铁路以及正在修建的地铁5号线所组成。

Present Situation

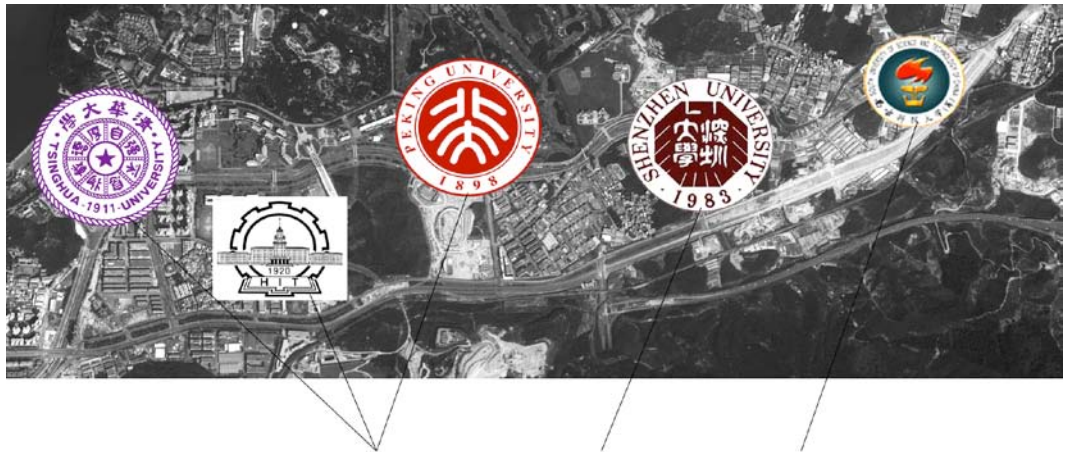
The area is composed by Shenzhen college city and existing villages. The transit infrastructure mainly contains Nanping Express way, Pinnan railway and Subway line 5 which is still under construction.

规划

规划中这里将兴建深圳大学新校区和南方科技大学以及研究中心和高科技园区等配套设施。建成后将有 25544 名学生聚集于此，将这里变成深圳高等教育和高新技术产业的中心。

Plan

In the future plan, the new campus of Shenzhen university, South university of science and technology and other facilities like research centers and Hi-tech parks will be built here which would gather more than 25544 students and turn this area a new center of higher education and higher technology of Shenzhen.



**MORE THAN 5544 + 10000 + 10000 STUDENTS WILL GATHER HERE**





**问题**  
 大学城在中国始终意味着一种位于郊区自给自足的一种自我封闭的状态，深圳大学城也不例外。无论是规划中的校园还是已经建成的大学城，都用围墙与周边城市环境相隔离，一方面造成了地块的割裂与孤立，另一方面也阻隔了不同人群之间交流与互动的可能。

**Problem**  
 In China, College city always means a close system that isolate itself from the surrounding urban environments. Shenzhen college city is the same. No matter the planned campus or the existing one, they all surround themselves with a wall. It result not only a division and isolation of the physical areas, but also restrain the possibility of the communication and interaction between different

**目标**  
 打破隔膜，建立区域间的联系，促进人的交流互动，提升场地活力

**Vison**  
 Break the barrier, create the connectivity between different areas, encourage the communication and interaction between people and raise the vitality of the area.



# 基地现状分析 Analysis of site

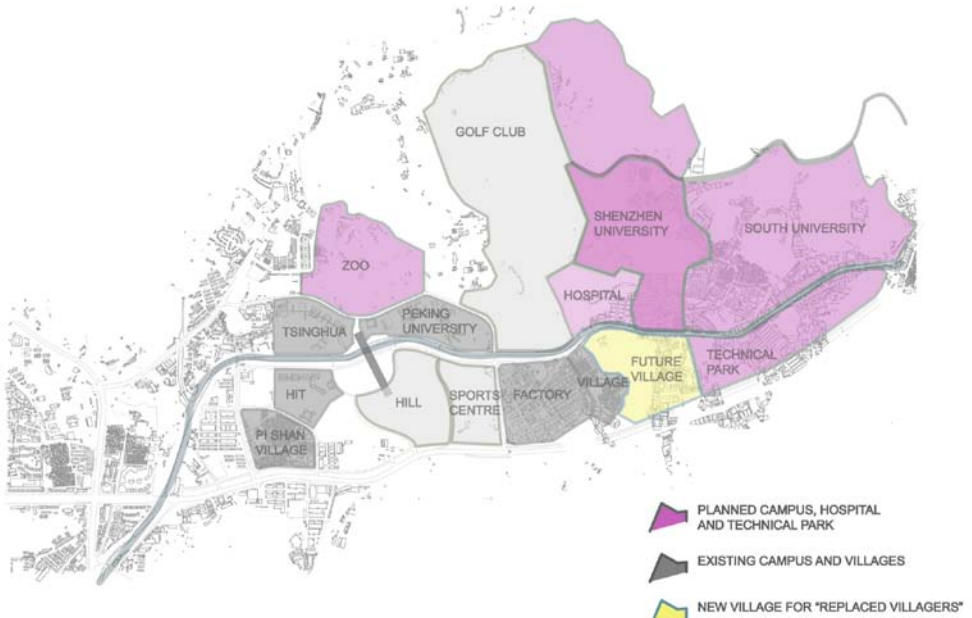
TERRITORY BEFORE GOVERNMENT REPLANNING



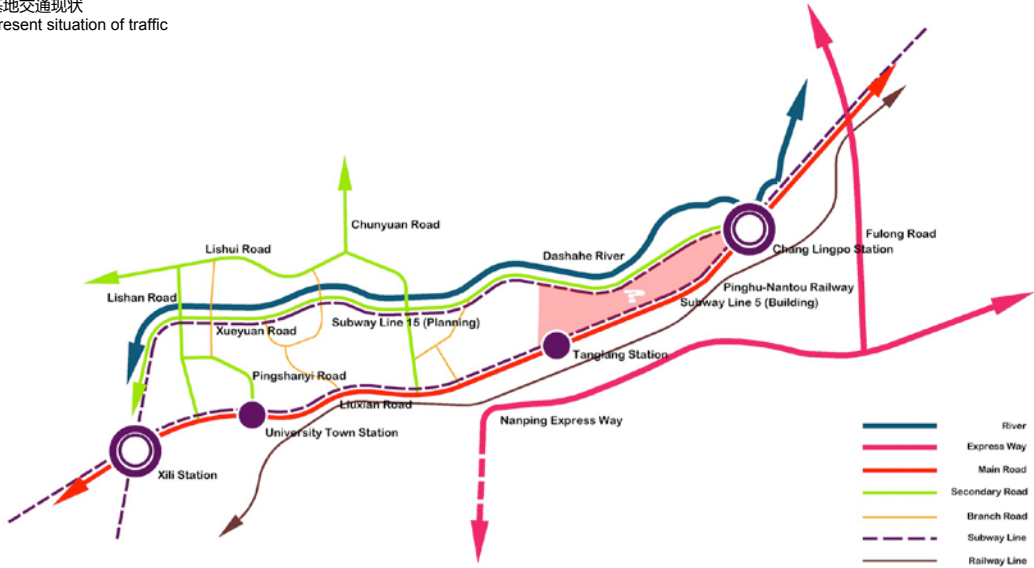
基地用地现状  
Present situation of land usage

规划用地  
Planned land usage

THE FUTURE CAMPUS DEVELOPMENT  
BY THE GOVERNMENT



基地交通现状  
Present situation of traffic



基地交通现状  
Present situation of traffic



设计任务 Design Requirements

comm  
unity



community  
联系

infrastru  
cture

infrastructure  
基础设施

mobil  
ity



mobility  
移动



# C

正如标题“移动中的联系”所说，该设计首先要我们通过对场地现状进行分析，来自行确定学生生活中心的规模，功能业态。即，对于设置一个什么样的“交流场所”给出自己的建议。

As the title "moving contact", this design first asked us according to the situation analysis, to the student center to make sure the scale, the function format. Namely, to set up a kind of "exchange site" given his suggestion.

# I

用“城市基础设施”的设计策略来解决移动和联系的矛盾关系是本次设计的要点，旨在创造一种当下的，符合以深圳为代表的高速发展中的中国城市现状的模式，来解决高密度人口区的公共交通和交流问题。

Use "urban infrastructure" design strategy to solve the contradiction between mobile and contact points of this design is to create a contemporary, in shenzhen as a representative of the high-speed development of Chinese cities, to solve the current model of population density of public transportation and communication problems.

# M

“移动中的联系”表明了创造这种交流场所的背景，动因，以及其自身特殊性。如何在人口高密度地区高效而低成本得解决交通建筑中快速疏散人群的问题，成为了本次课题的另一个关注点。

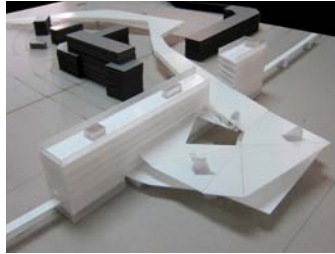
"Moving contact" shows this place of creating background, motivation, and their own particularity. How high density regions in population and low cost to solve the traffic construction of rapid evacuation problems, became the subject of another concern

# 设计策略 Workshop-design Strategy



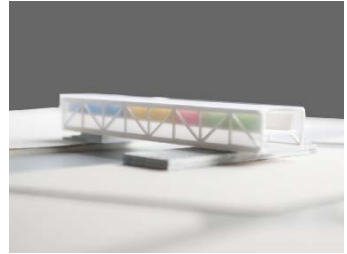
第零组  
TEAM 0

城市基础设施  
Urban InfrastructureS



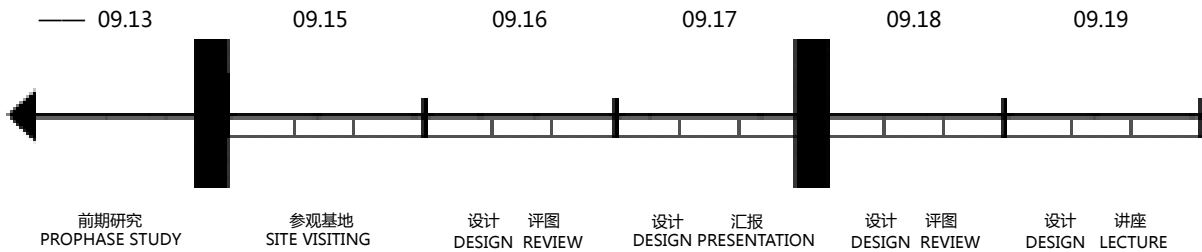
第一组  
TEAM 1

城市结构体  
Urban Structure



第二组  
TEAM 2

桥  
Bridge



关键词  
KEY WORDS

场地分析 site analysis  
基础设施 infrastructure

组织结构 framework  
结构类型 structure typology



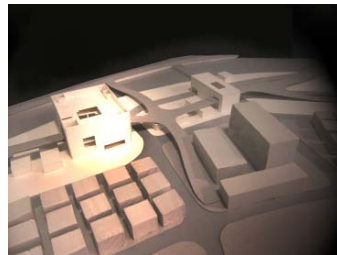
第三组  
TEAM 3

交通枢纽  
Transportation Junction



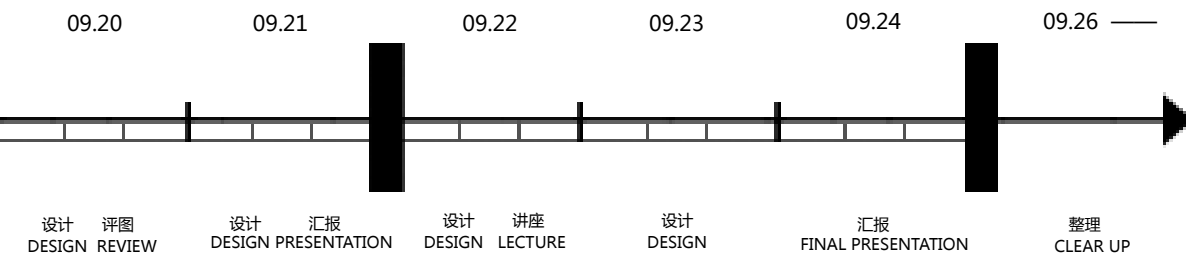
第四组  
TEAM 2

城市公园  
Urban Park



第五组  
TEAM 5

共同活动中心  
ConActivity Center



建构 tectonics

内部空间研究  
结构使用性研究  
技术指标

inside space study  
structure study  
qualification

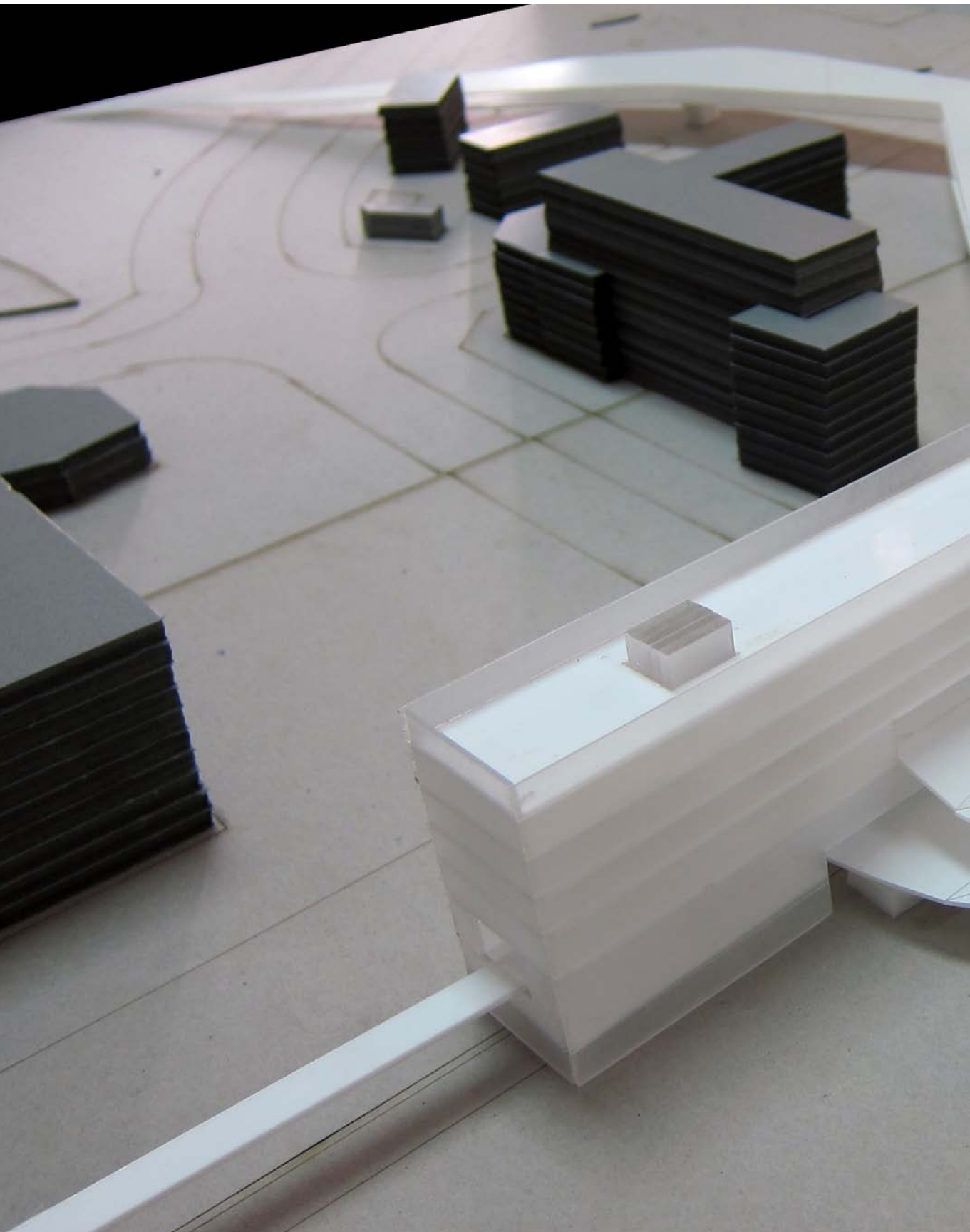


第二部分  
Part Two

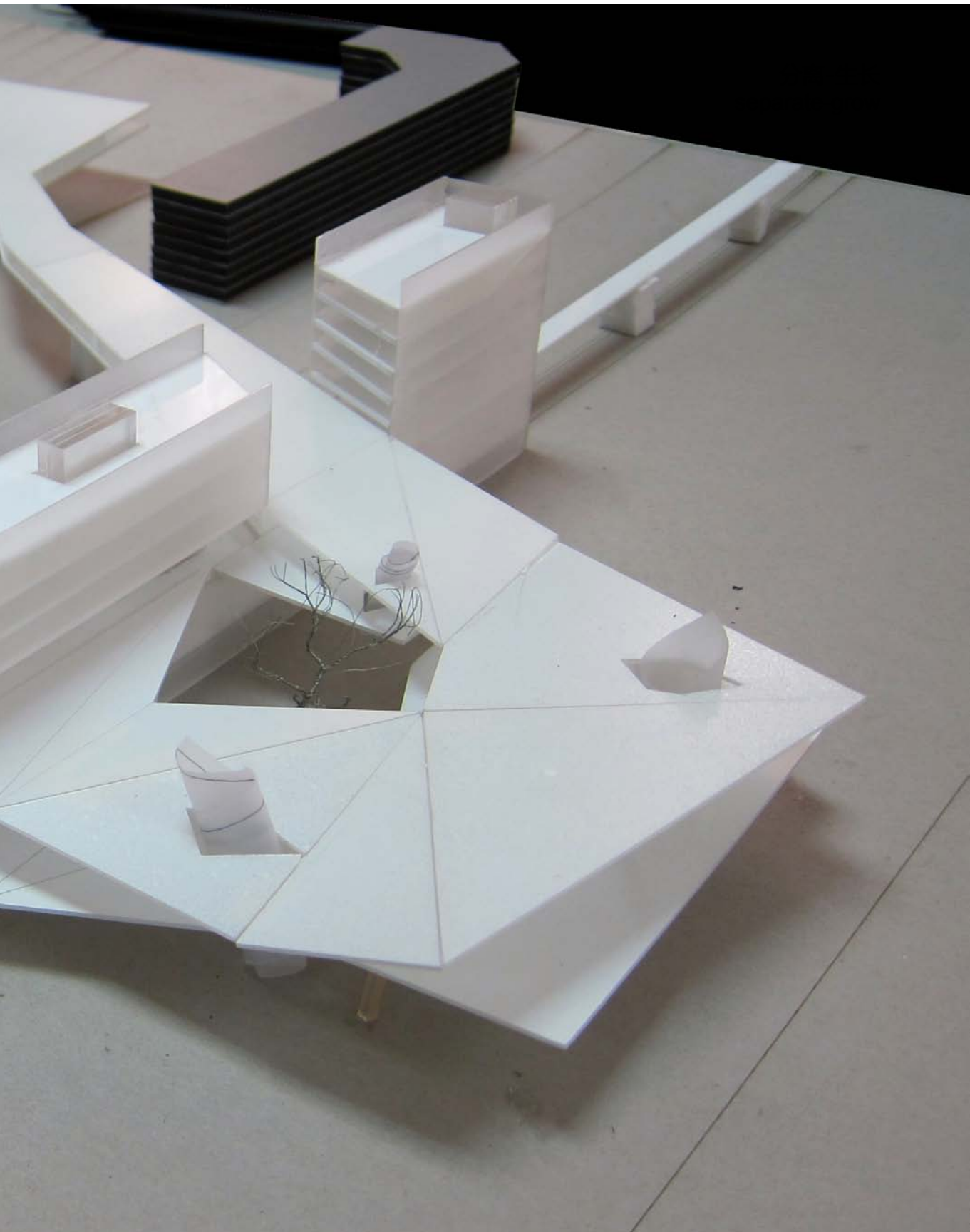


## 第一组 Team One

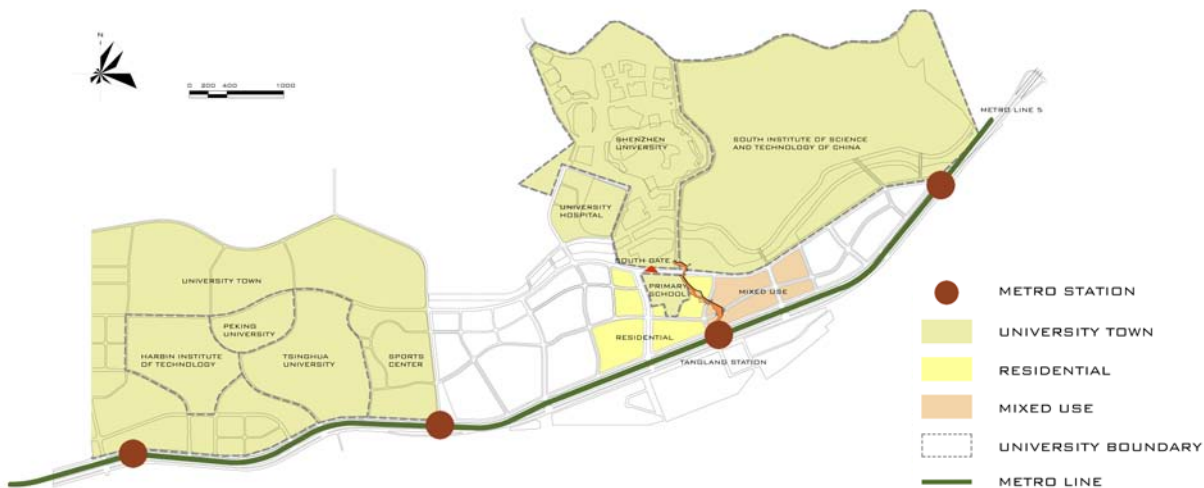
成员：	Members:
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刘轶(深圳大学)	Liu yi(SZU)
刘驰(哈工大)	Liu chi(HIT)
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张平星(东南大学)	Zhang pingxing(SEU)



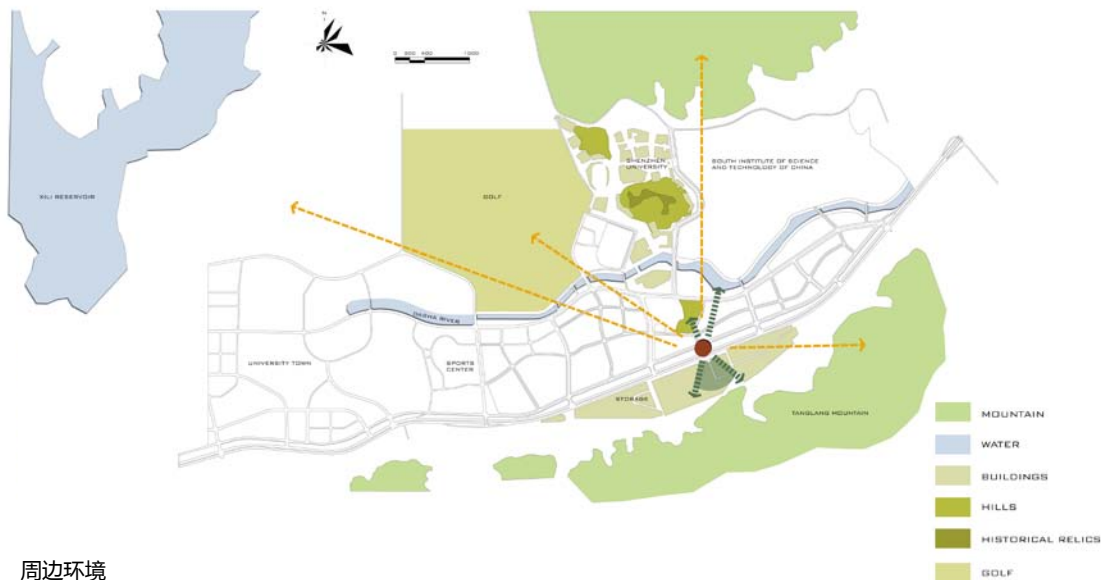






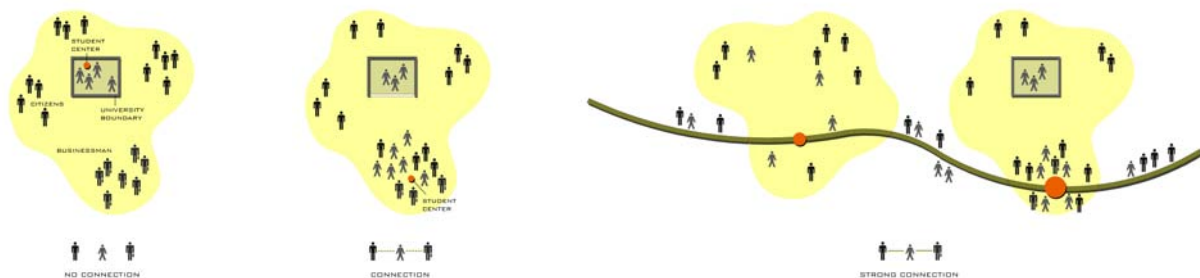


地铁站点  
Metro stations

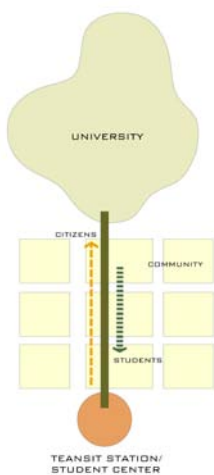


周边环境  
Connection with the surroundings

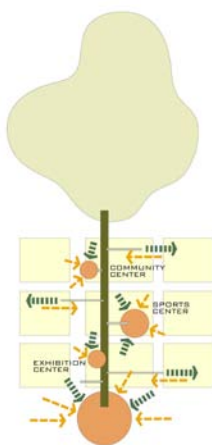
## 过程 process



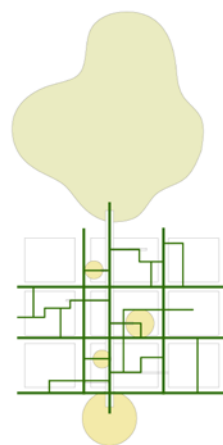
把学生中心从大学城中抽出，放入地铁站中，  
加强学生与市民的联系  
Drag the student center out from the university  
town, to promote the connection between the  
students and citizens



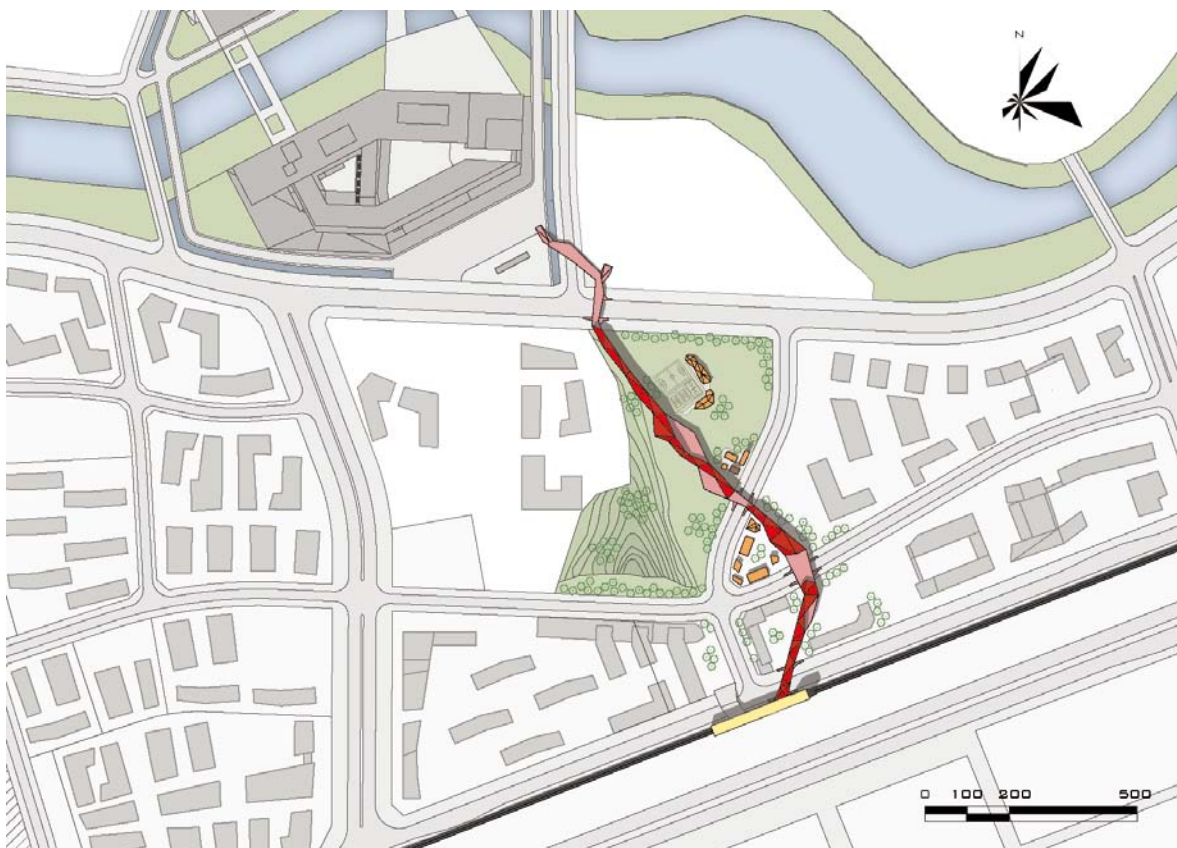
地铁站与大学城之间的线性连接  
A linear bridge



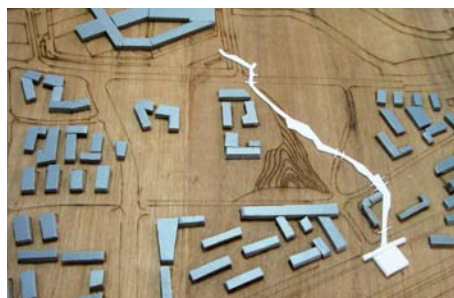
加入活动中心  
Add activity centers



形成社区间的人际网络  
Form a net in community



区域总平面图  
Master Plan



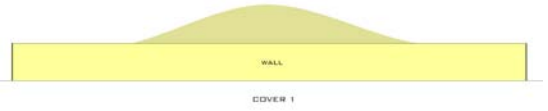
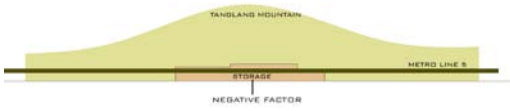




鸟瞰  
Bird view



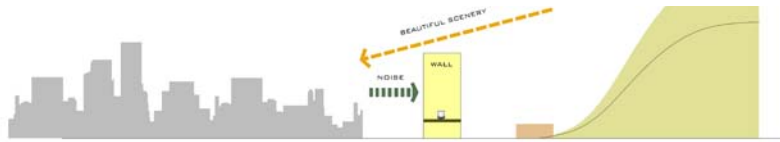
局部透视  
Perspective



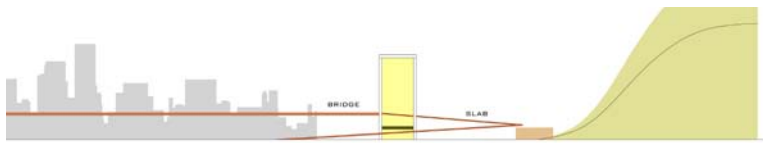
地铁存放厂房作为景观上的不利因素，用两种方法进行遮挡  
 The storage is a negative factor, use two ways to cover



不利因素与有利因素  
 Negative and positive factors



"墙"的阻隔  
 Separate by the "Wall"

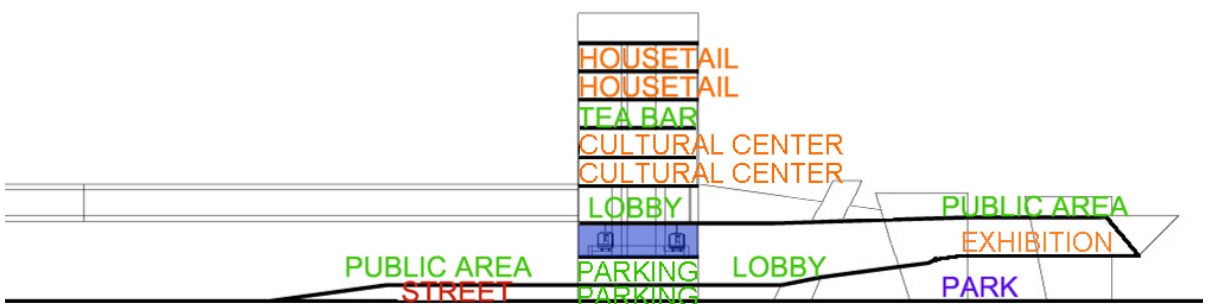
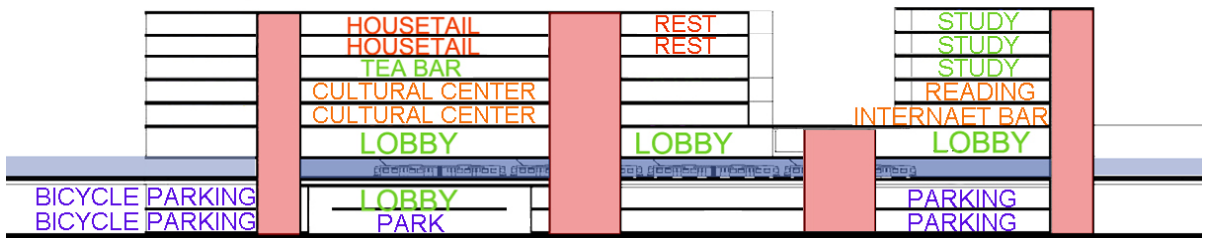
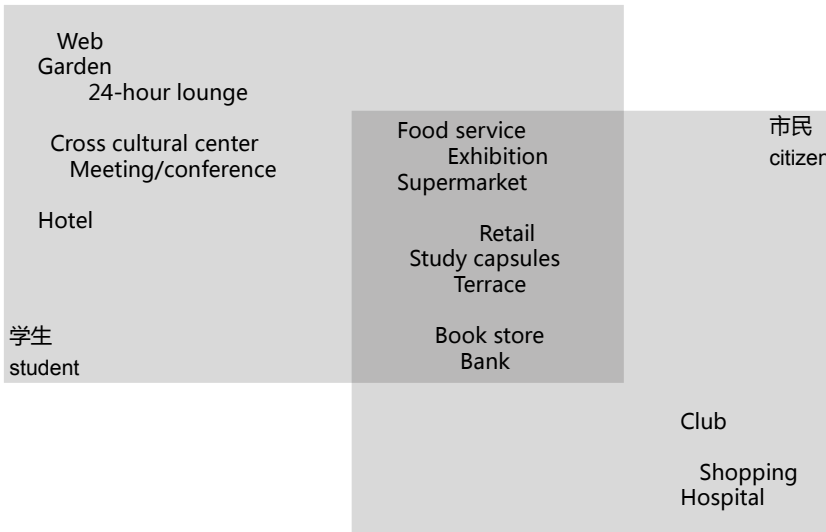


"板片"的渗透  
 Penetrate by the "Board"



流线生成  
 Transportation

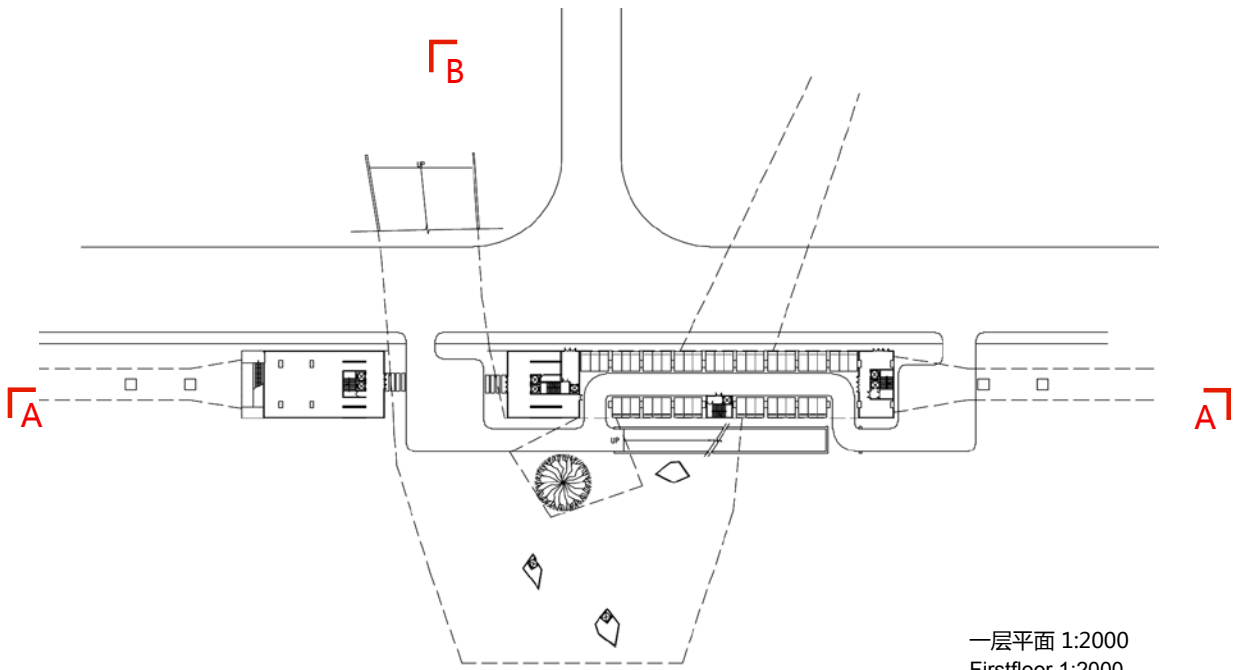
功能分析  
function analysis



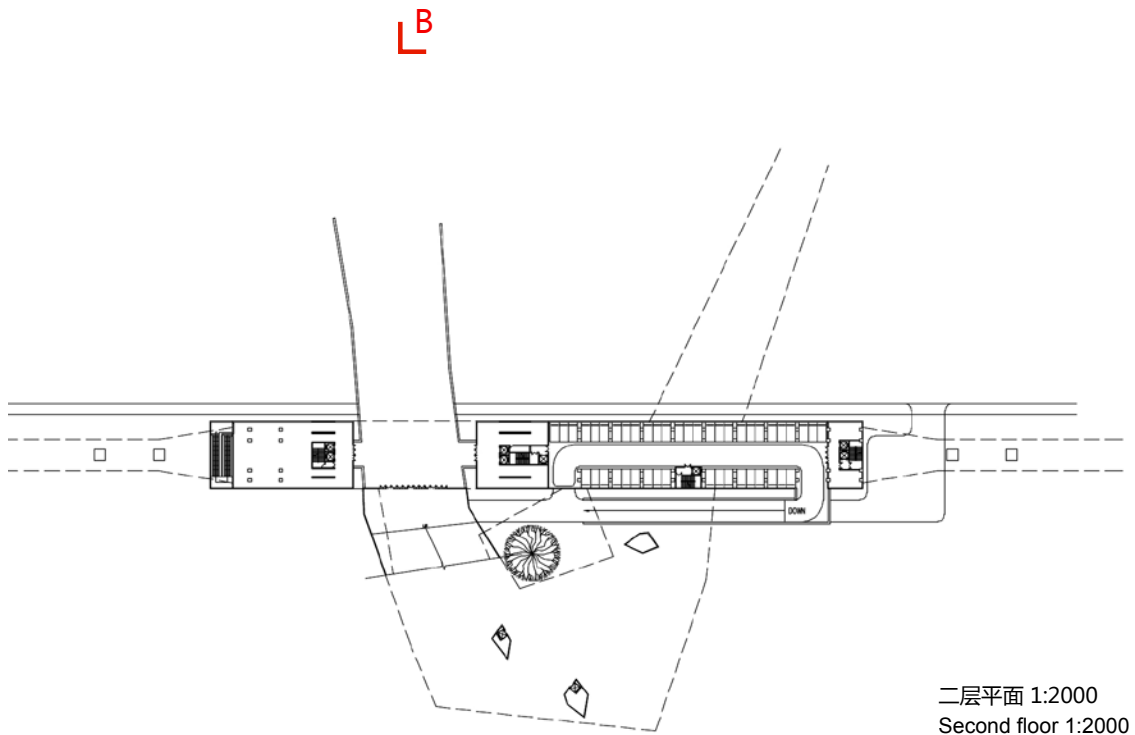




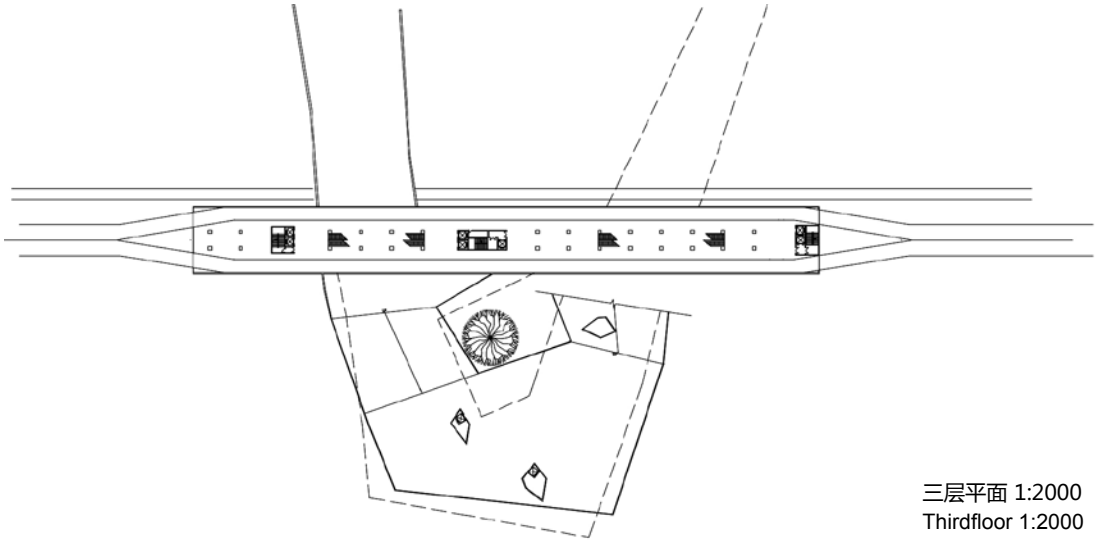
总平面图 1:3000  
Master Plan 1:3000



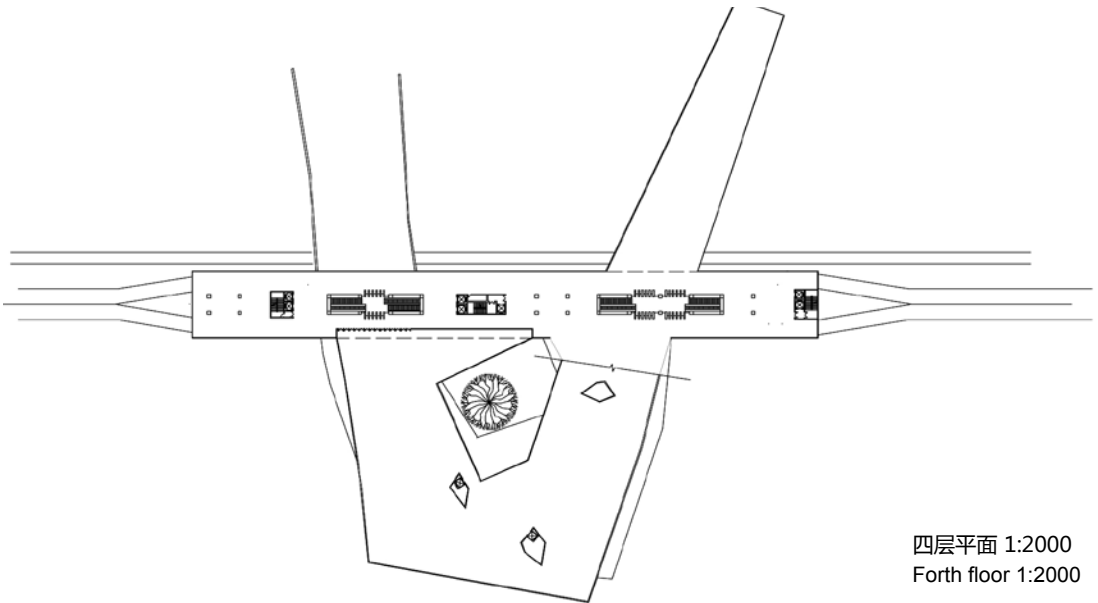
一层平面 1:2000  
First floor 1:2000



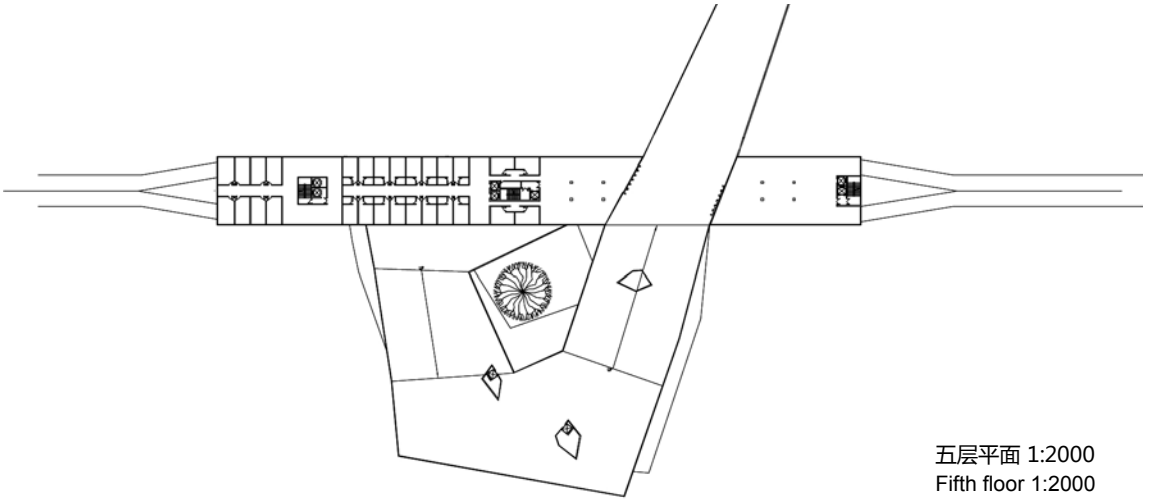
二层平面 1:2000  
Second floor 1:2000



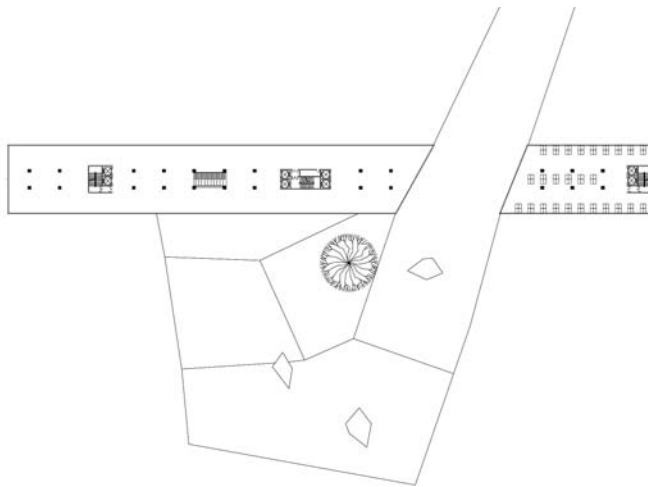
三层平面 1:2000  
Third floor 1:2000



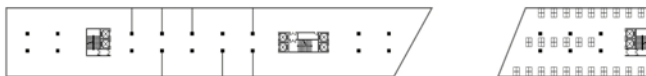
四层平面 1:2000  
Forth floor 1:2000



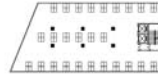
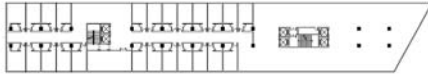
五层平面 1:2000  
Fifth floor 1:2000



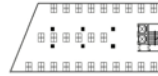
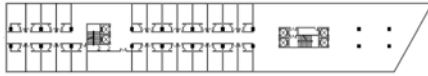
六层平面 1:2000  
Sixth floor 1:2000



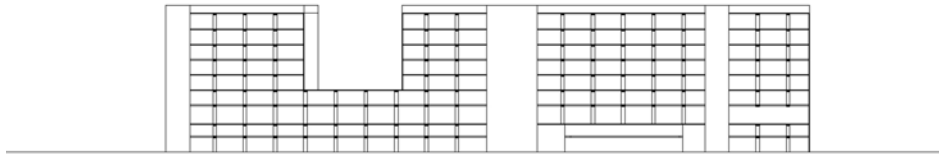
七层平面 1:2000  
Seventh floor 1:2000



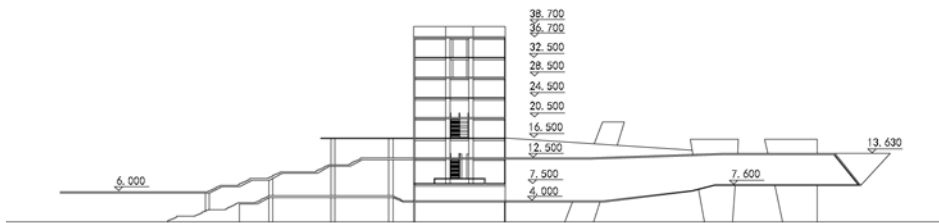
八层平面 1:2000  
Eighth floor 1:2000



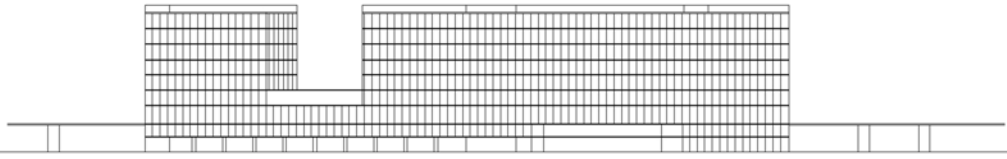
九层平面 1:2000  
Ninth floor 1:2000



A-A剖面 A-A section

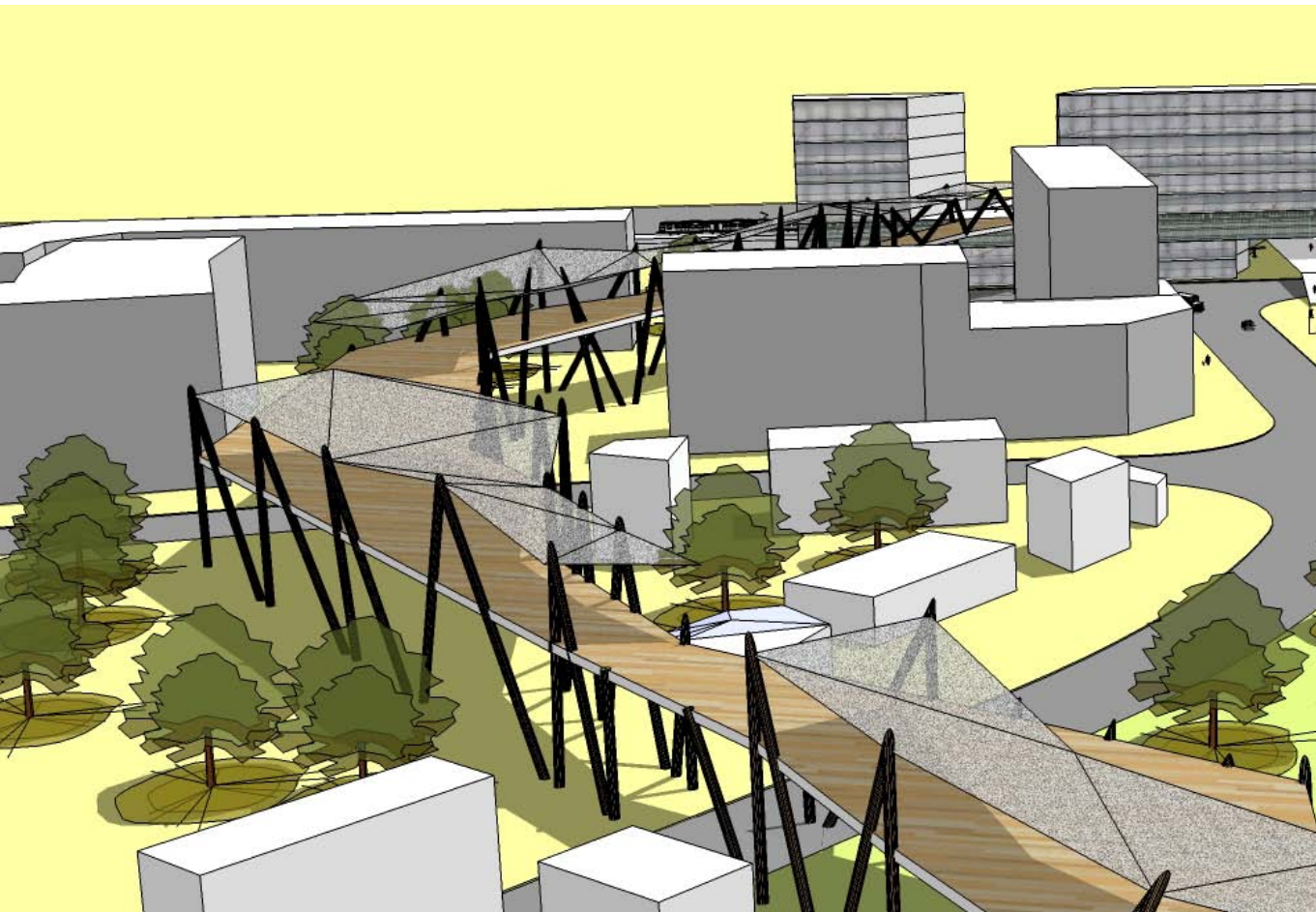


B-B剖面 B-B section



北立面 North facade

鸟瞰 Bird view

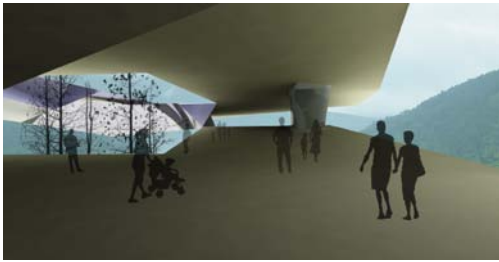




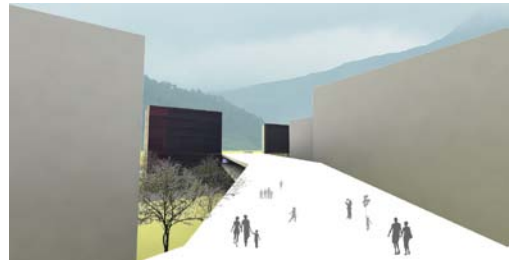
局部透视1  
perspective1



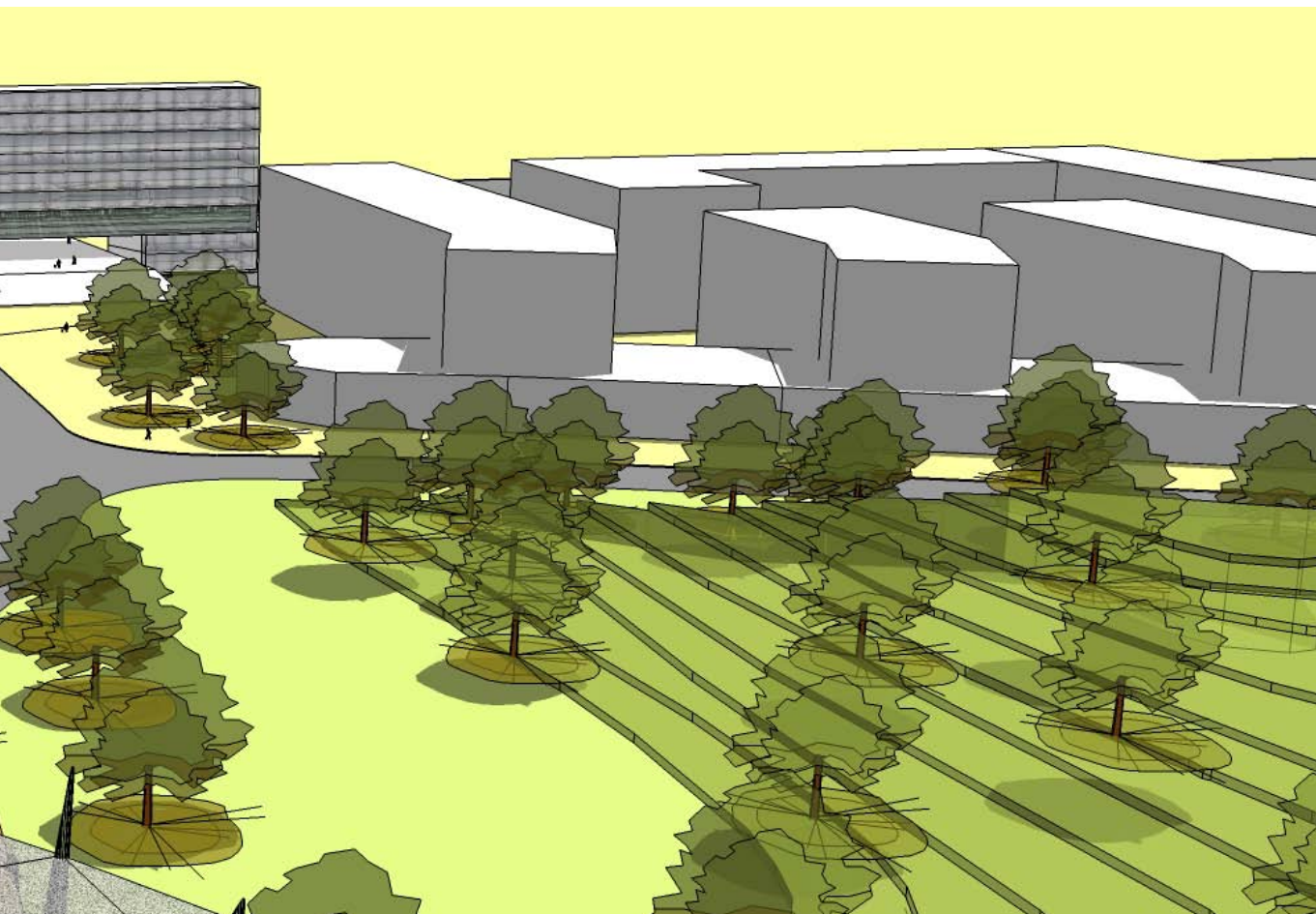
局部透视2  
perspective2



局部透视3  
perspective3

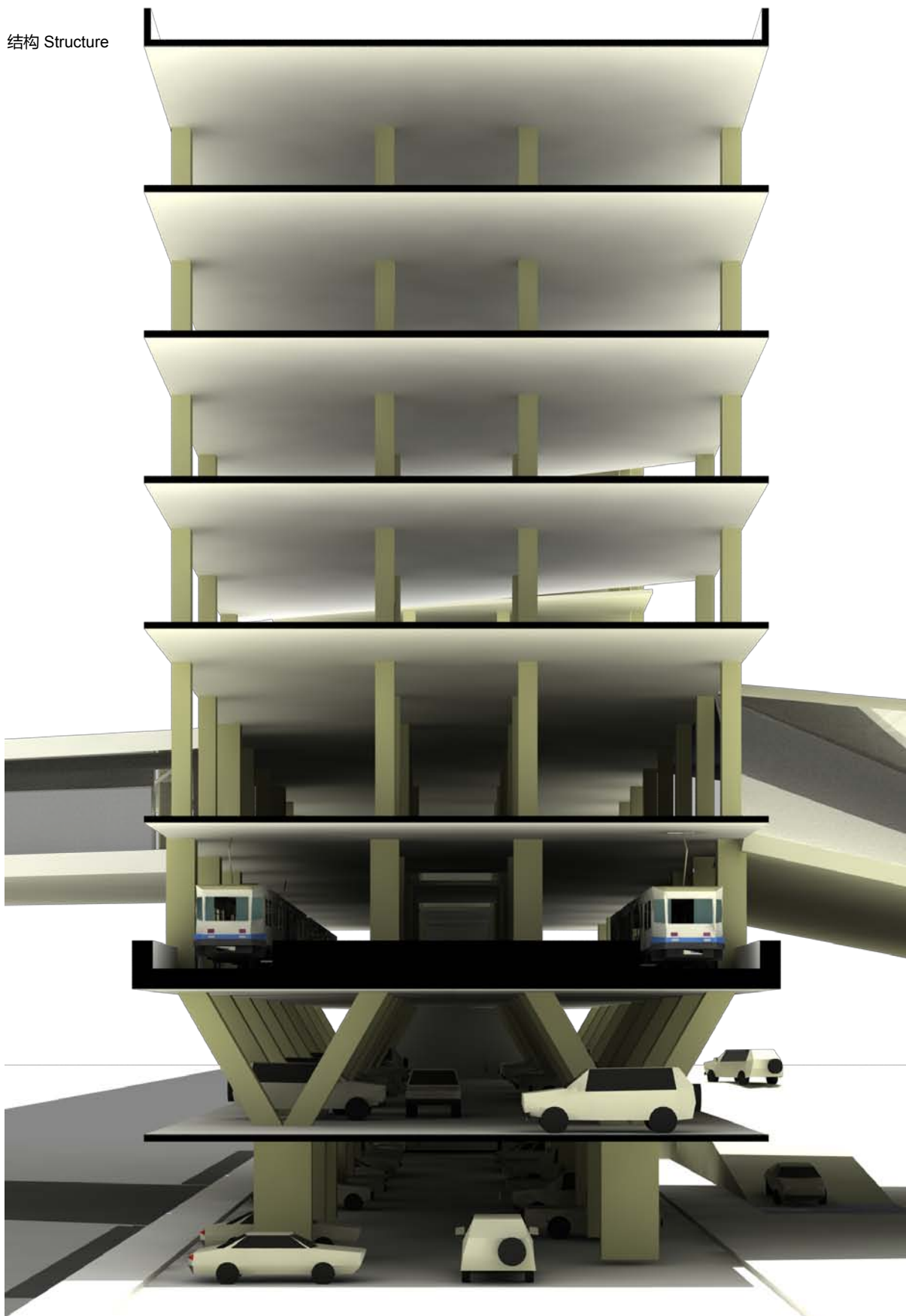


局部透视4  
perspective4





结构 Structure









## 第二组 Team Two

成员：Members:

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许文涛 (东南大学) Xu Wentao (SEU)  
闫楠 (东南大学) Yan Nan (SEU)  
迈克 (维也纳理工大学) Mike Lasser (TU)  
辛兰 (哈尔滨工业大学) Xin Lan (HIT)  
吴玉华 (深圳大学) Wu Yuhua (SZU)  
王一晰 (深圳大学) Wang Yixi (SZU)

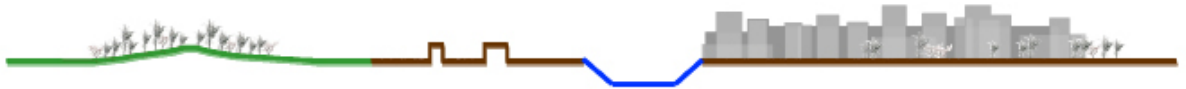


# THE MISSING LINK

## UNIVERSITY CITY



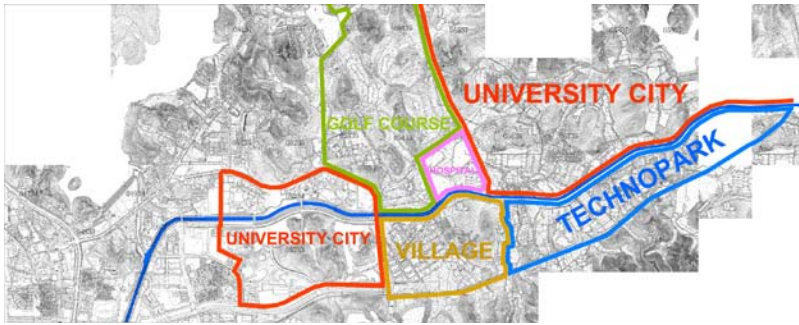
## VILLAGE



What we care most is how to connect the university city to the neighbor areas. We try to create a very direct connection that not only physically connect different areas but also connect different people by introduce different kinds of functions that meet different needs.

如何将大学城与周边地区相连是我们方案所关注的重点。我们试图在不同地块间建立一种直接的联系，并通过设置不同的功能吸引不同的人群，使这座建筑不仅仅是一种空间上的联系，同样也成为不同人群联系交流的纽带。

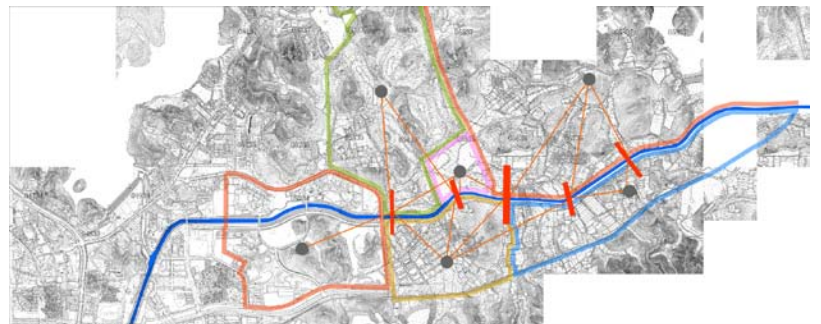
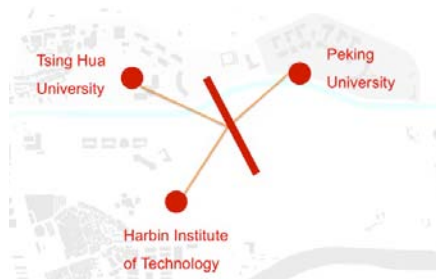




The whole region is divided into separate parts.  
 整个区域被分隔成为独立的部分



Every parts become self isolated  
 每个部分都自我封闭



Bridges to connect  
 通过桥来连接



Different regions become connected  
 不同区域互相联通

## Subway



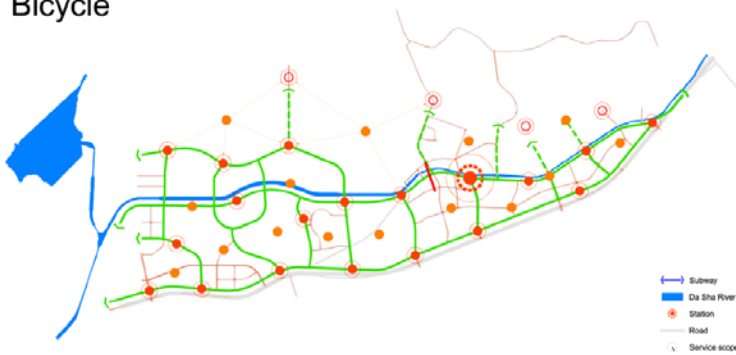
Change the subway line to serve more people.  
地铁线改变以服务更多人群

## Vehicle



Change the vehicular road system to free the riverside road  
调整机动车道路缓解沿河交通压力

## Bicycle

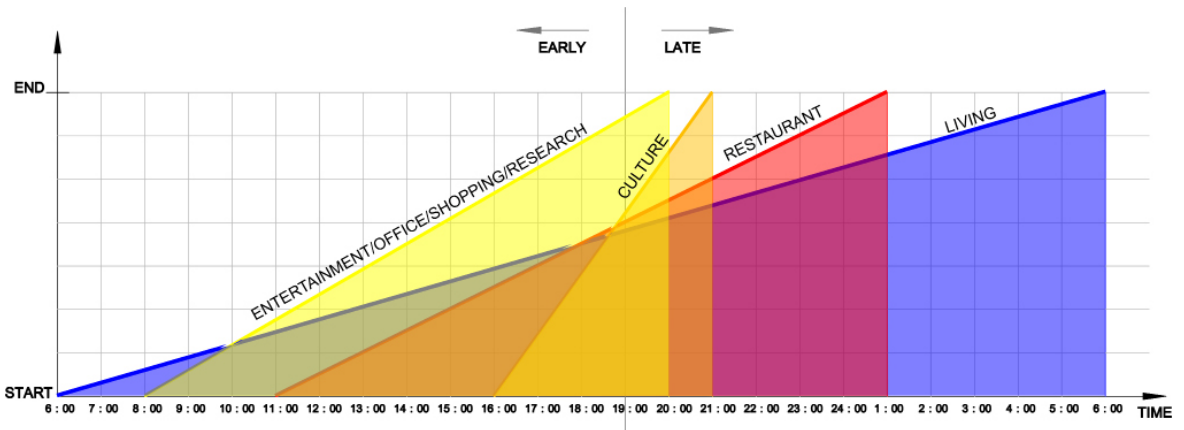


Set up the bicycical way system in order to make sure a less-than ten-minutes distance from every points in the area.  
设置自行车交通系统使场地内每一点均可在十分钟内到达地铁站

## Pedestrian



Set up bridges to connect pedestrian systems of both side of the river  
通过设置桥来联通两岸步行系统

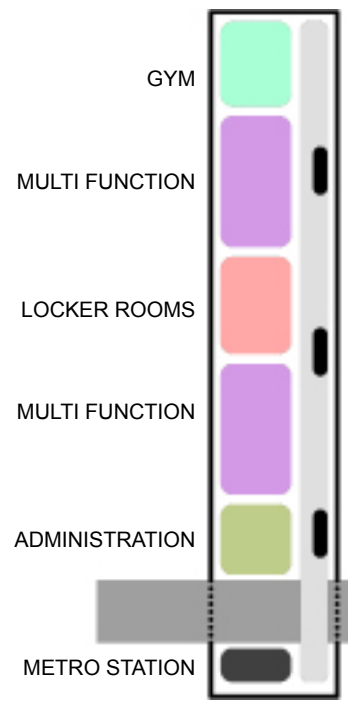
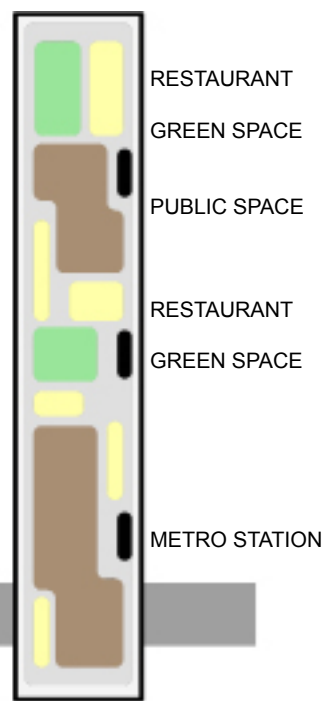


Program  
功能策划

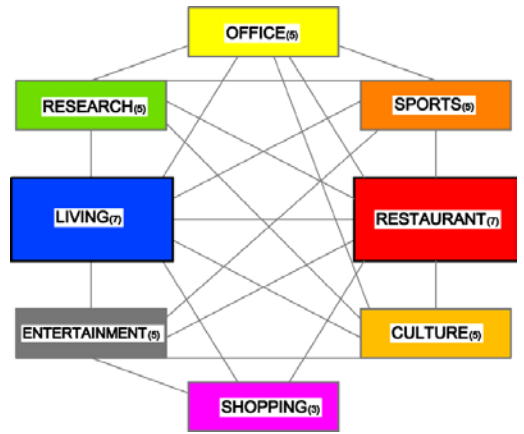
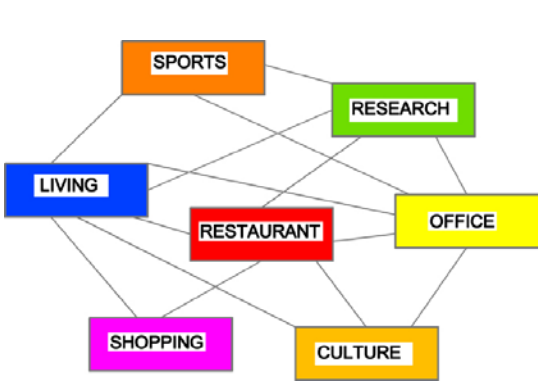
THE CULTURAL BRIDGE



THE SPORTS BRIDGE

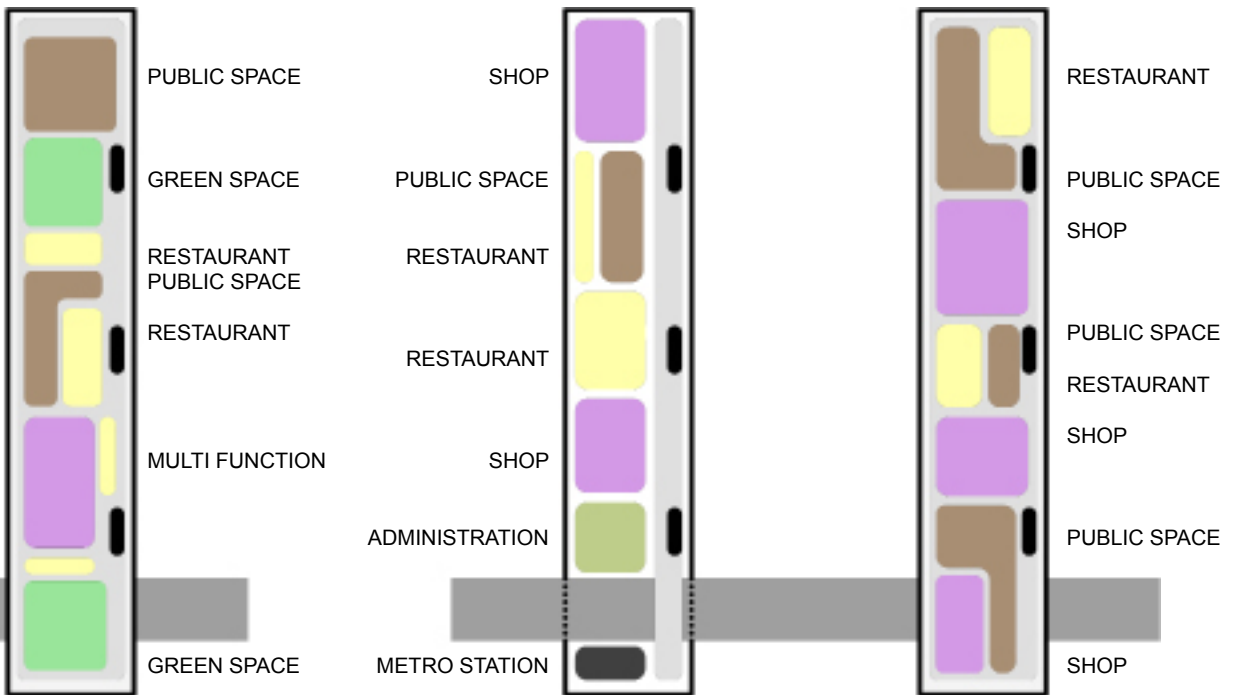






Relationship between different functions  
各功能之间的关系

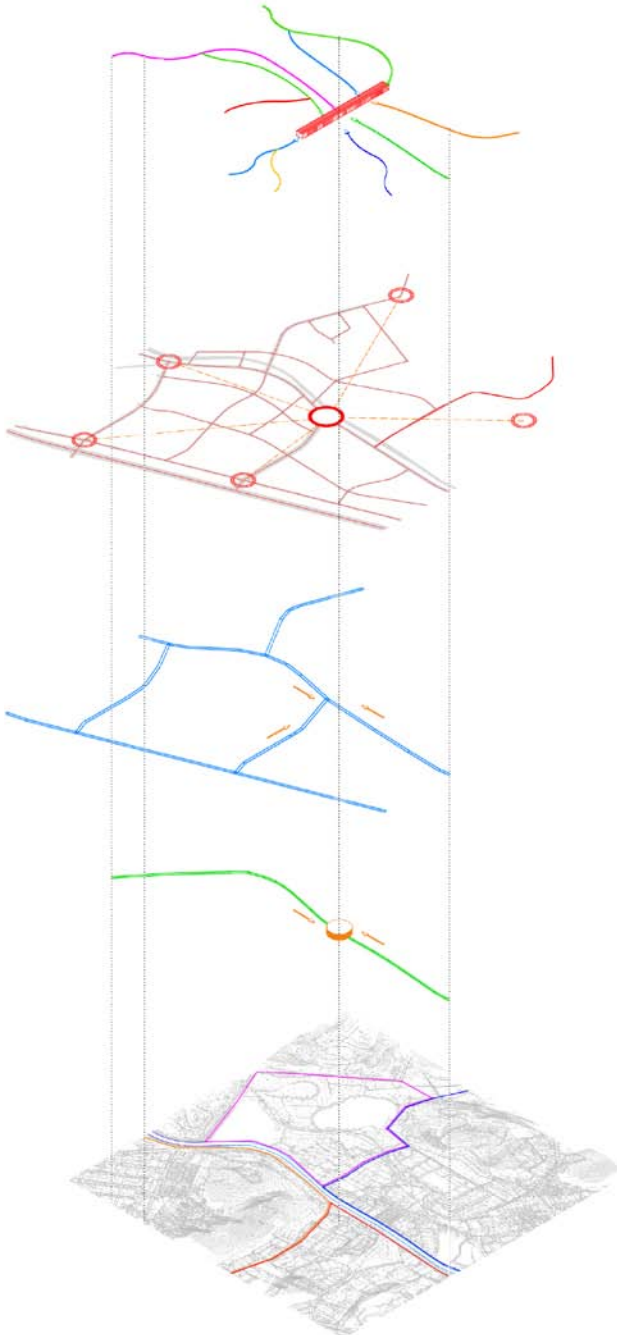
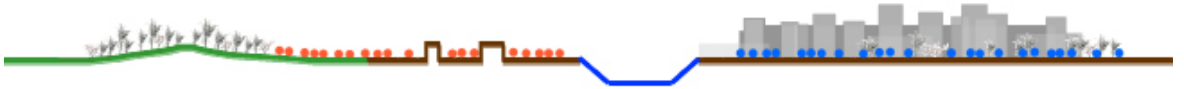
THE COMMERCIAL BRIDGE



# UNIVERSITY CITY



# VILLAGE



The scope of URT attracting - Standard  
轨道吸引范围图 - 基准方案



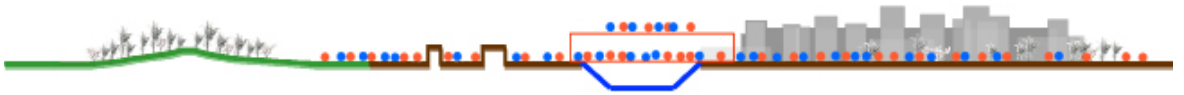
The scope of URT attracting - Maximum  
轨道吸引范围图 - 最大一体化方案

The relationship between building and different traffic system  
建筑与各层交通的关系

# UNIVERSITY CITY

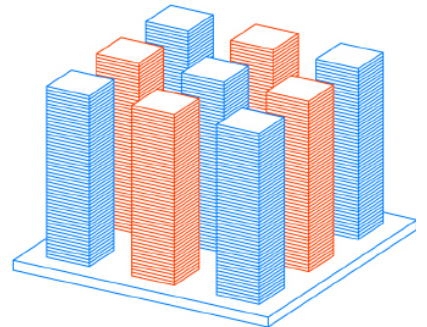
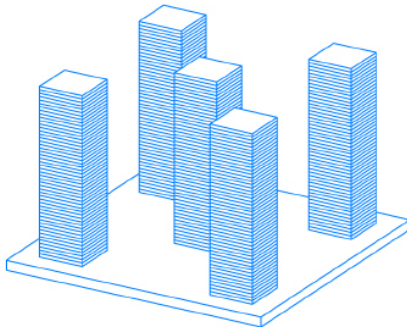


# VILLAGE



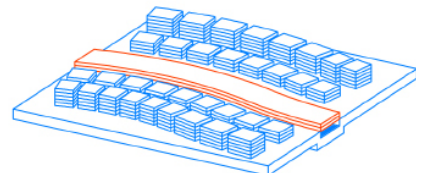
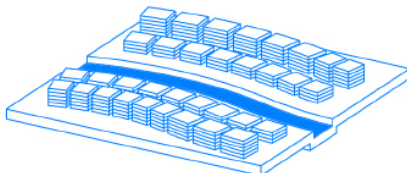
## TO DENSE THE CITY

METHOD 1



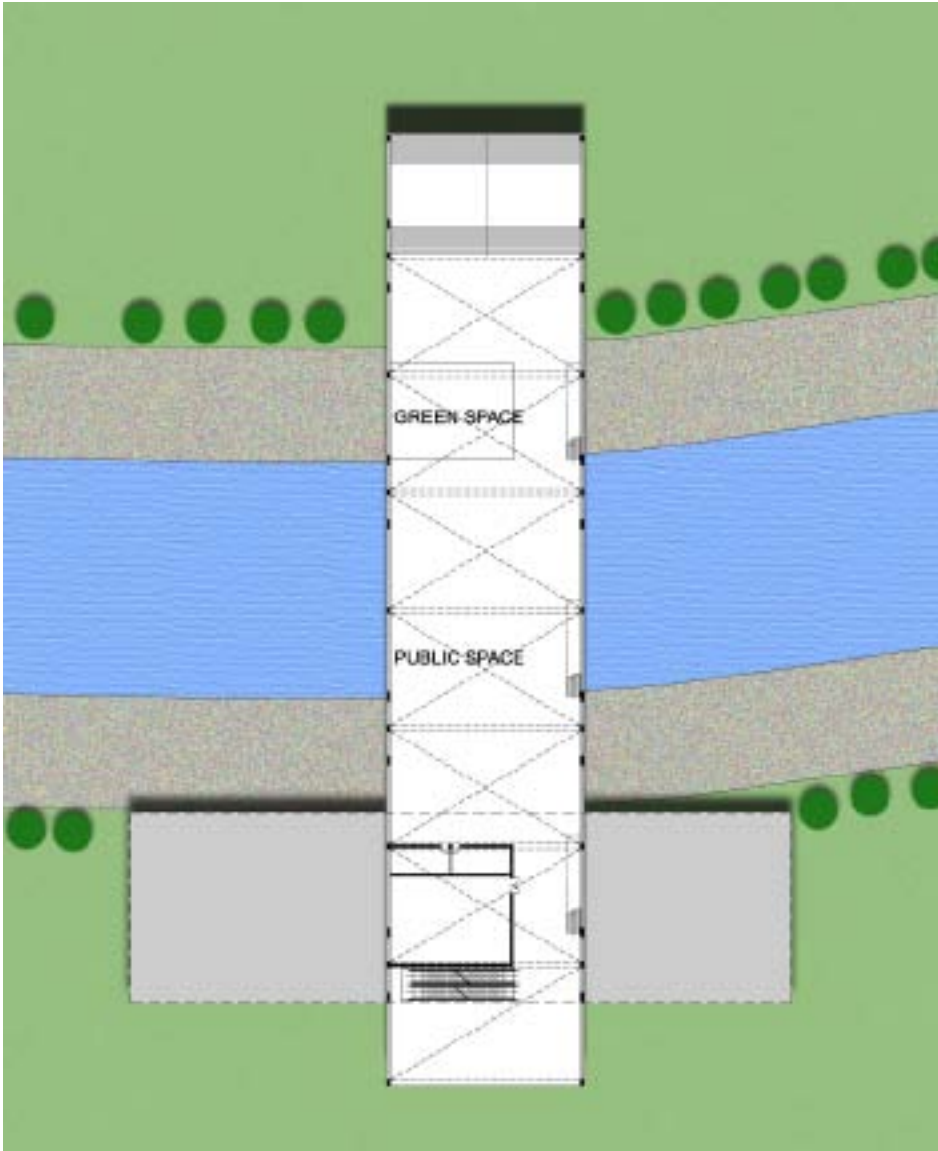
Buid more high rise buildings in vacancy space  
在城市空地中建造更多的高层

METHOD 2

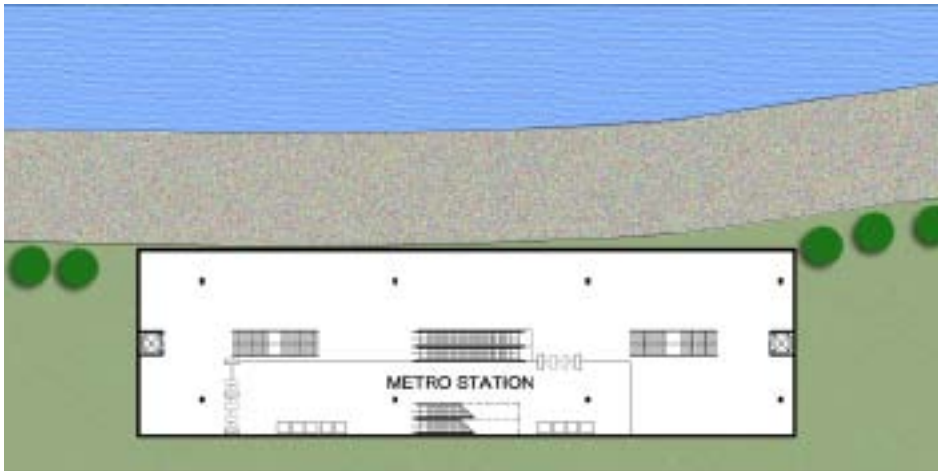


Bulid low rise buildings in no-man's land  
在无人居住的地方建造低层建筑

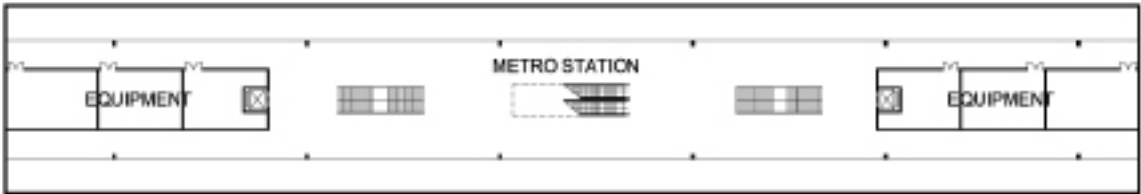
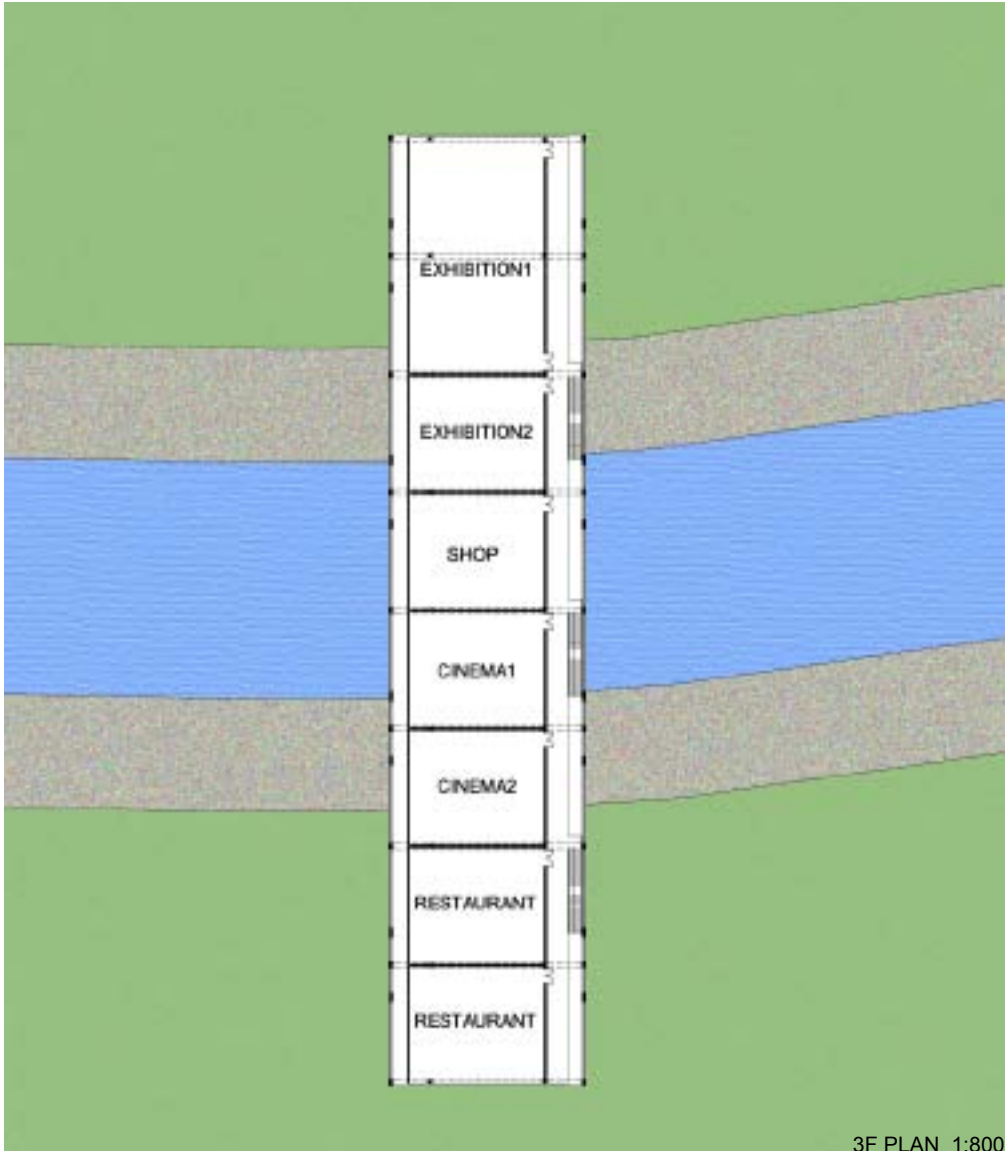


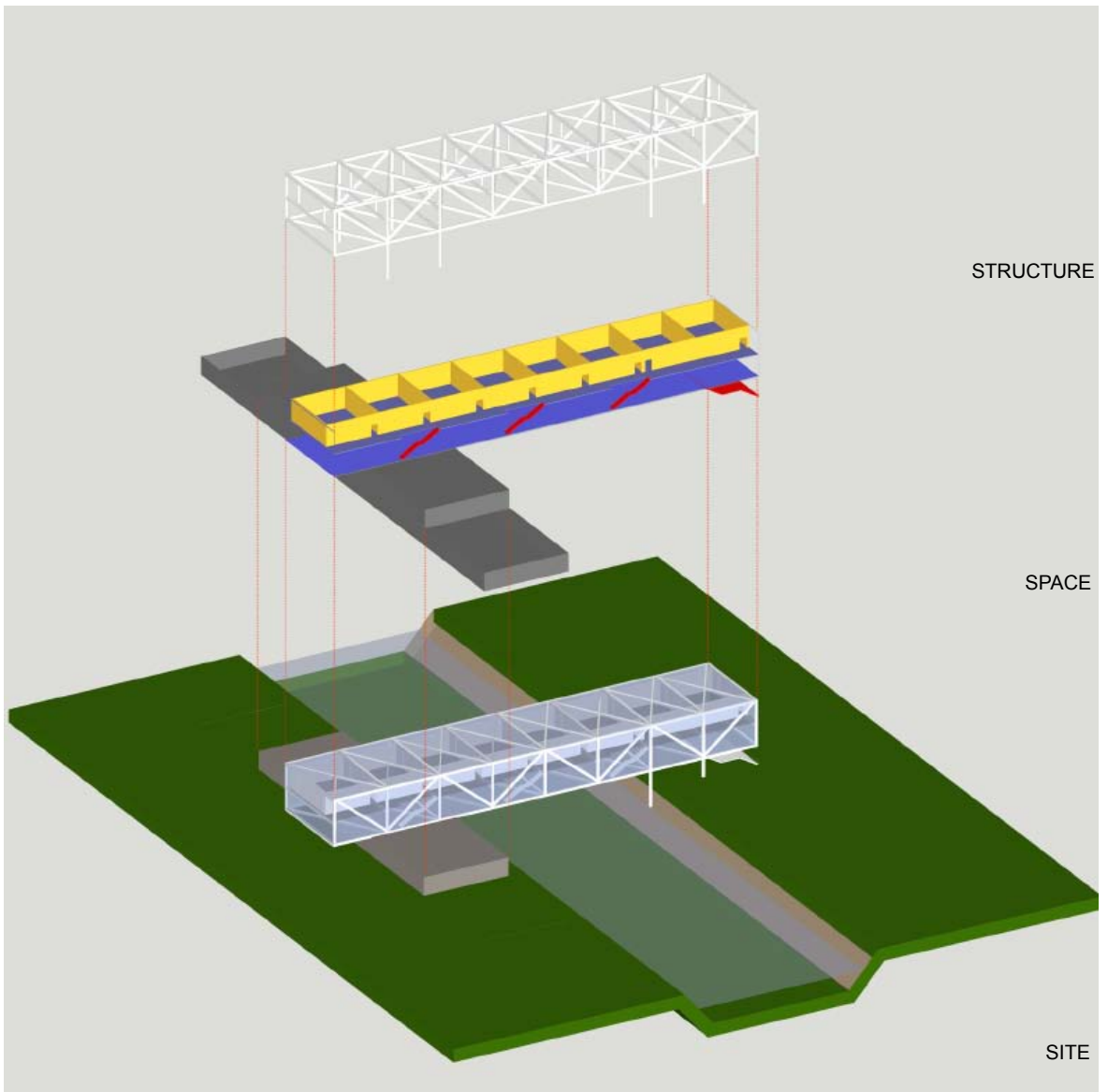
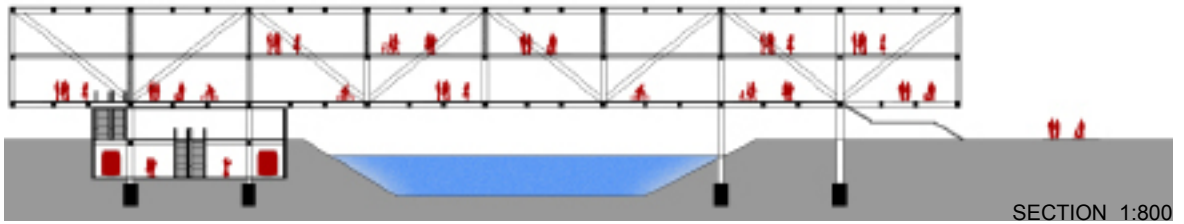


2F PLAN 1:800

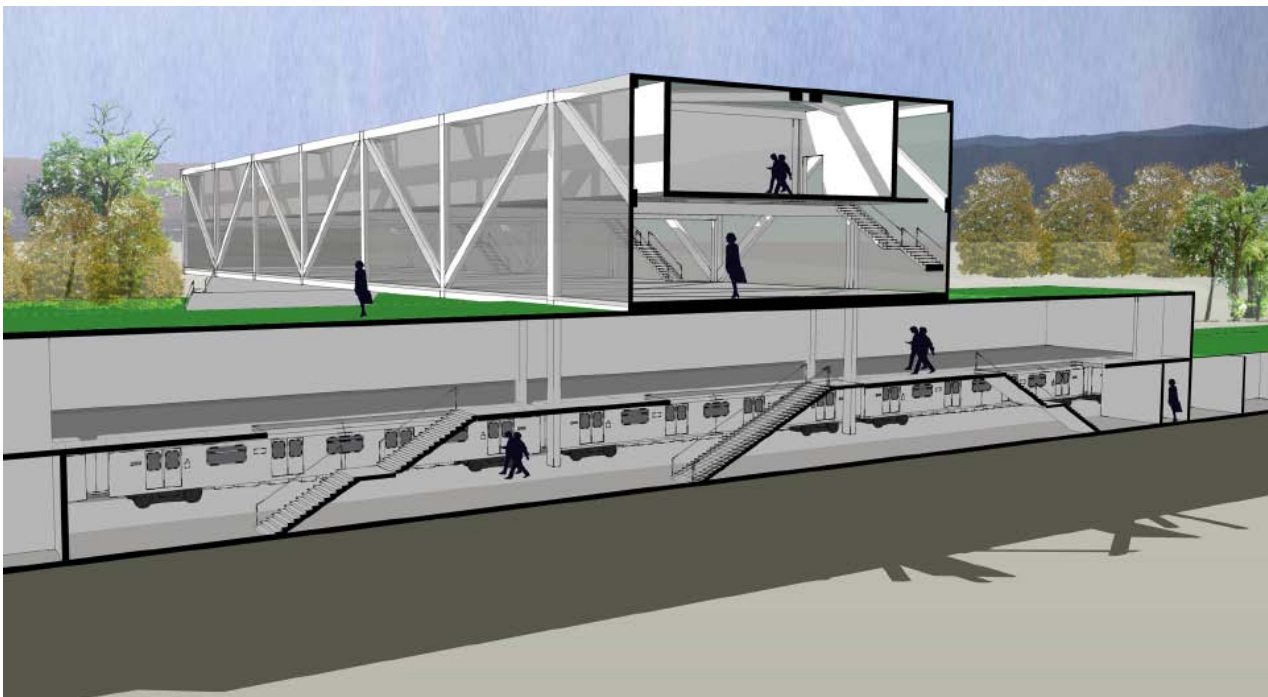


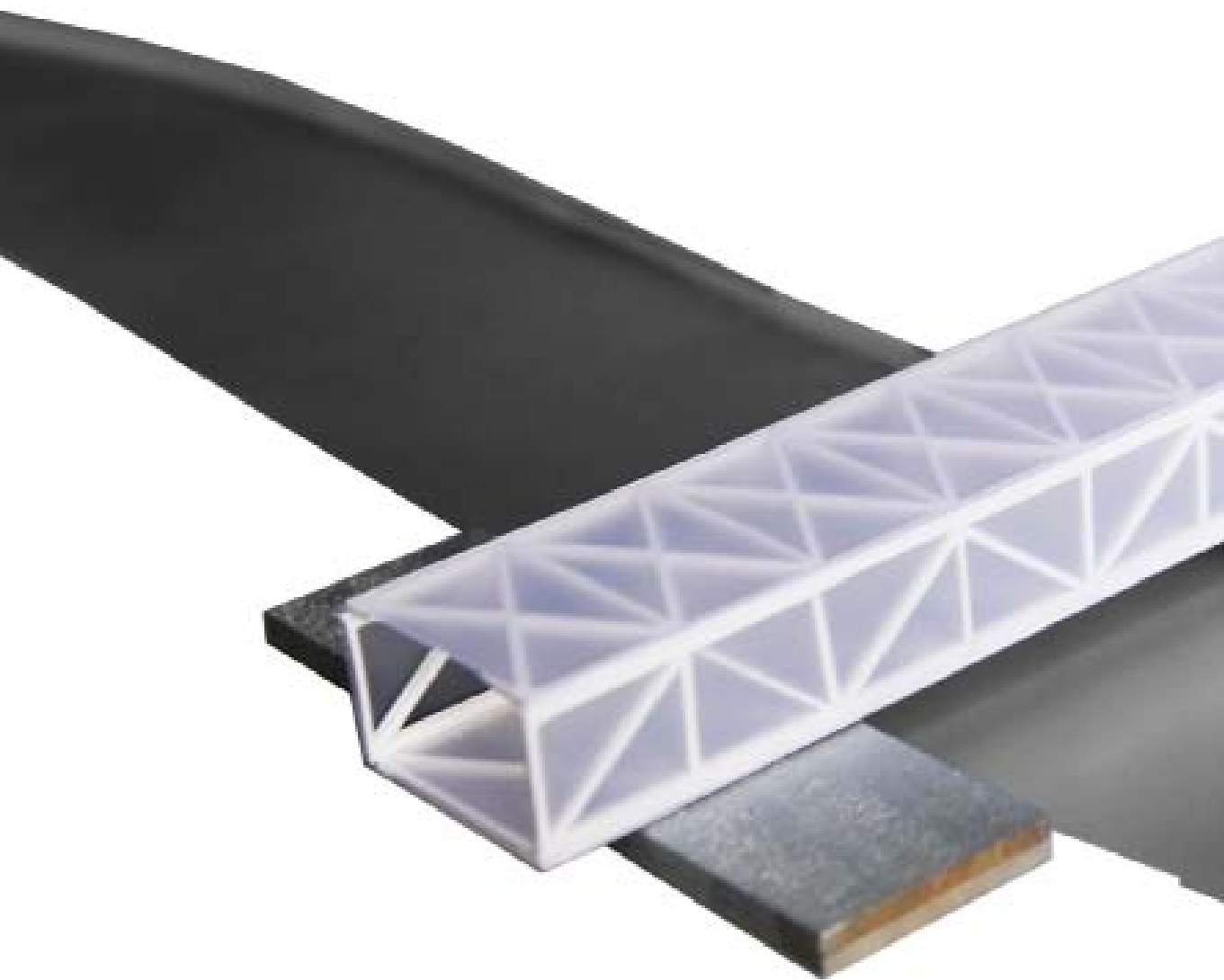
1F PLAN 1:800



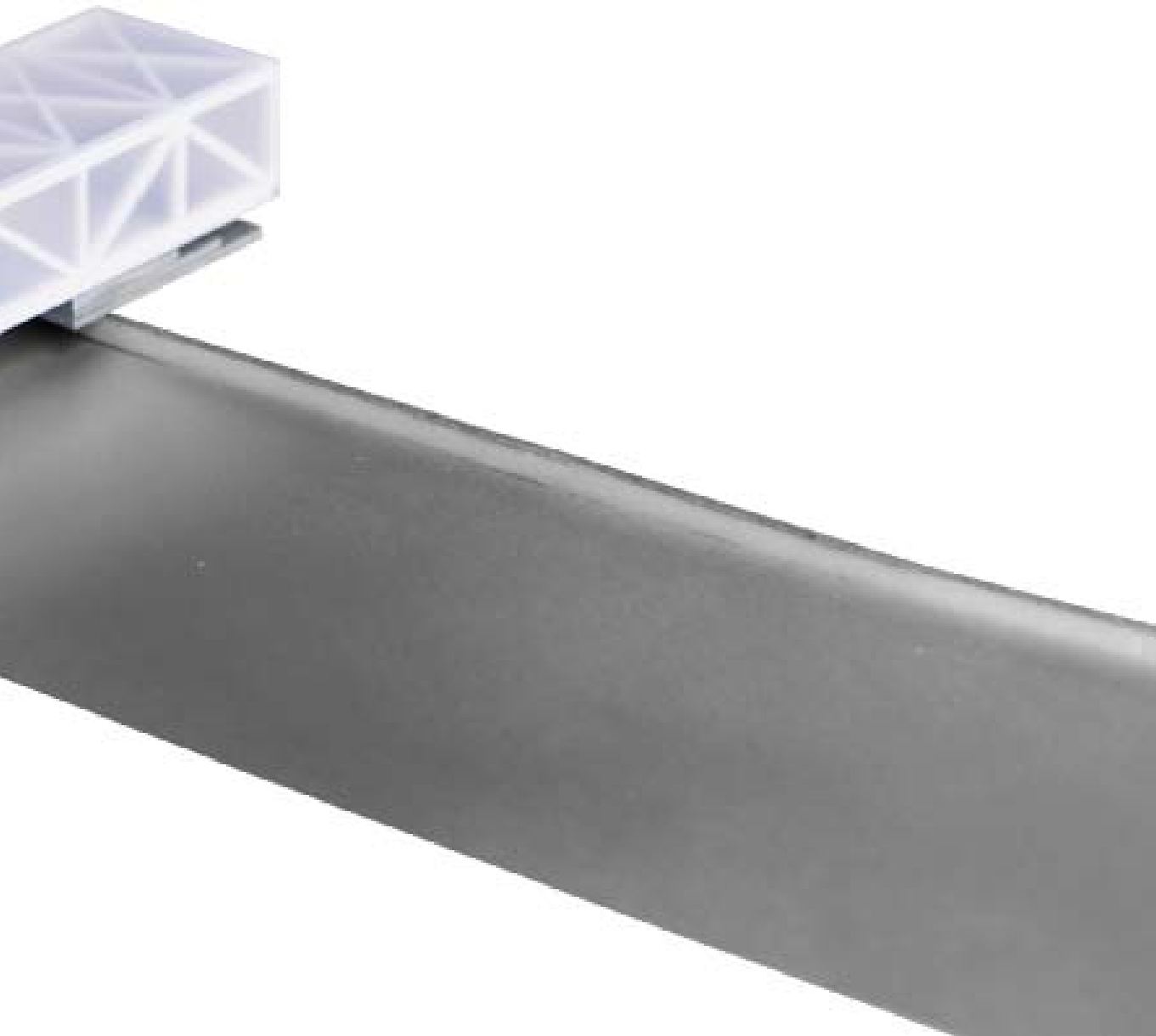
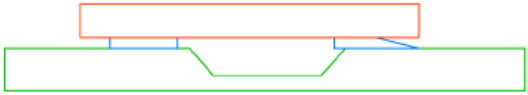
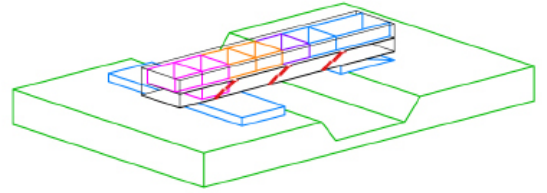
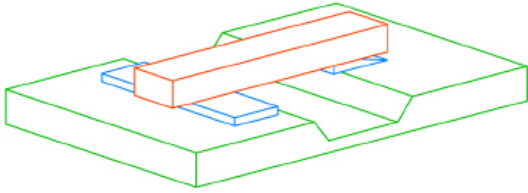














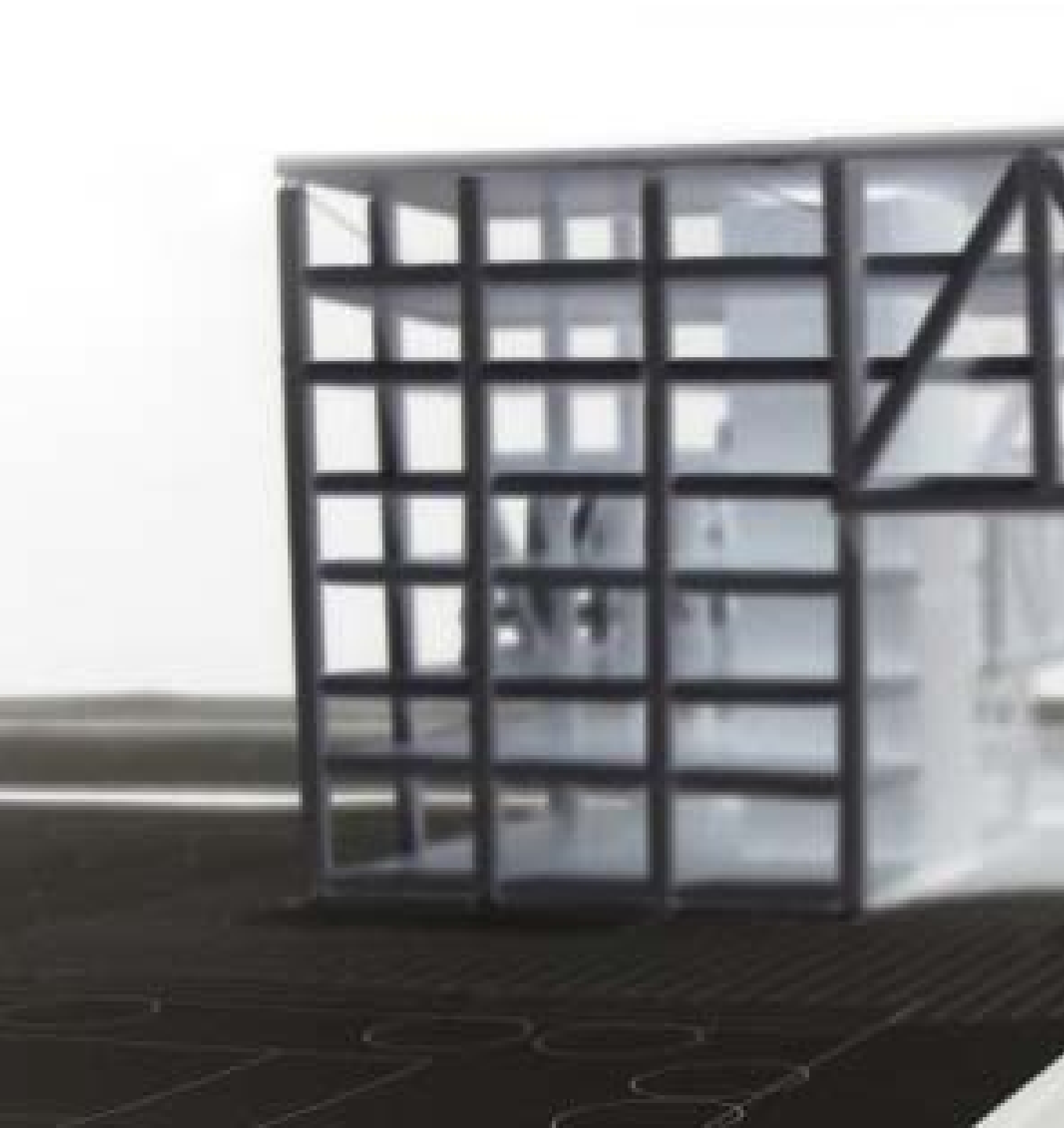
### 第三组 Team Three

成员：	Members:
玛丽 (维也纳理工)	Marry(TU)
郑敏瑜 (深圳大学)	Zheng mingyu(SZU)
杨毅 (深圳大学)	Yang yi(SZU)
余嘉 (深圳大学)	Yu jia(SZU)
李喜辉 (哈工大)	Li xihui(HIT)
刘嵘 (东南大学)	Liu rong(SEU)

## Urban Infrastructure 城市基础设施

Solve urban problems by architect  
用建筑的手法解决城市问题

Solve space problems by structure  
用结构的手段解决空间问题





Idea of site choose 选址策略

university area  
 residential area  
 industry area  
 green space

**structure:**  
 -incoherent  
 -confusing

**focus:**  
 -university  
 -industry

> hard to orientate

METRO STATION

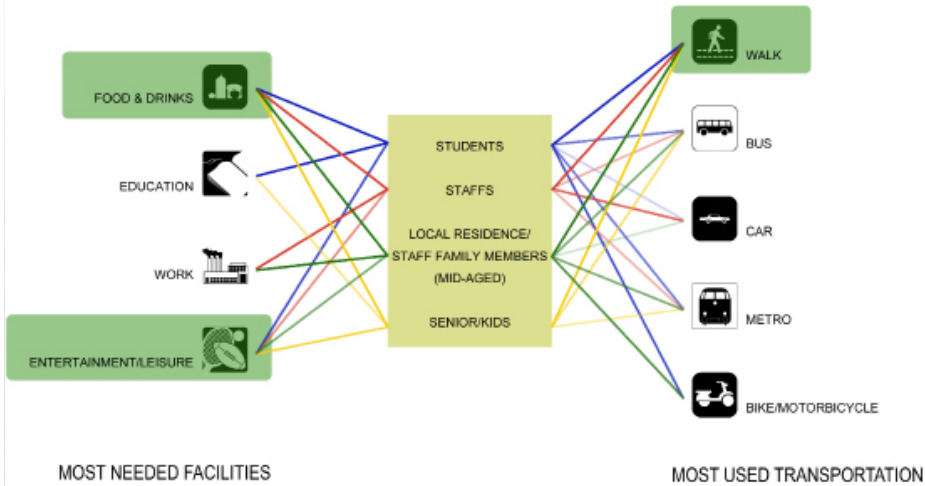
...KEEP THE EXISTING AS MUCH AS POSSIBLE

**facts**  
 line 10  
 > already close to the campus

line 5  
 > "passing-by-station"

+

- it's already built
- it's not sure what will be on the other side (buildings? < > nature?)
- distance from the other campi are quite the same



UNIVERSITY

...WHAT'S THE IDEAL?

**"...SHOULD PROVIDE A FREE ATMOSPHERE IN WHICH EVERYONE CAN FULLY REPRESENT HIMSELF AS AN INDIVIDUAL..."**

<u>main functions</u>	<u>secondary functions</u>	
lecture rooms	library	can also be located outside  mixed use  more public than the main functions
learning rooms	cantine / cafe	
student dormitories	convenience store	
staff buildings	sport facilities	
	green spaces	
	recreation area	

distances should be short and convenient



# Logic of the form 形体生成的逻辑

metro line  
轻轨线

station  
置入轻轨车站

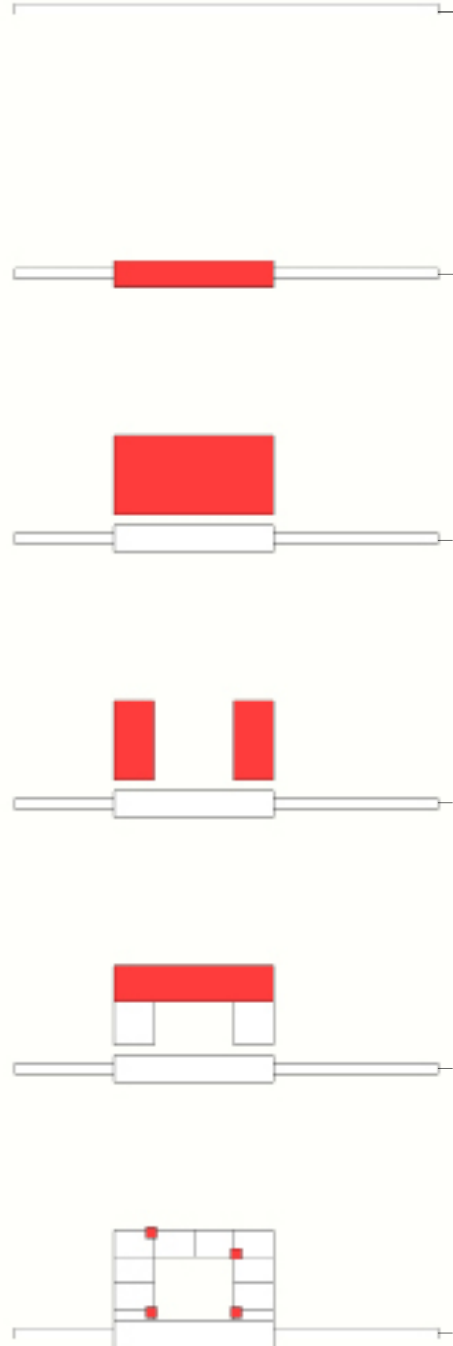
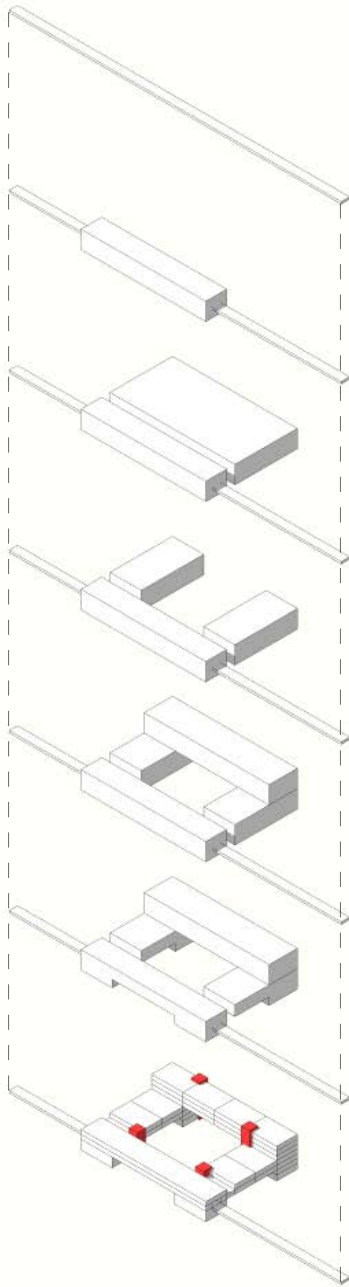
new volume  
新加体量

connection  
切分联系空间

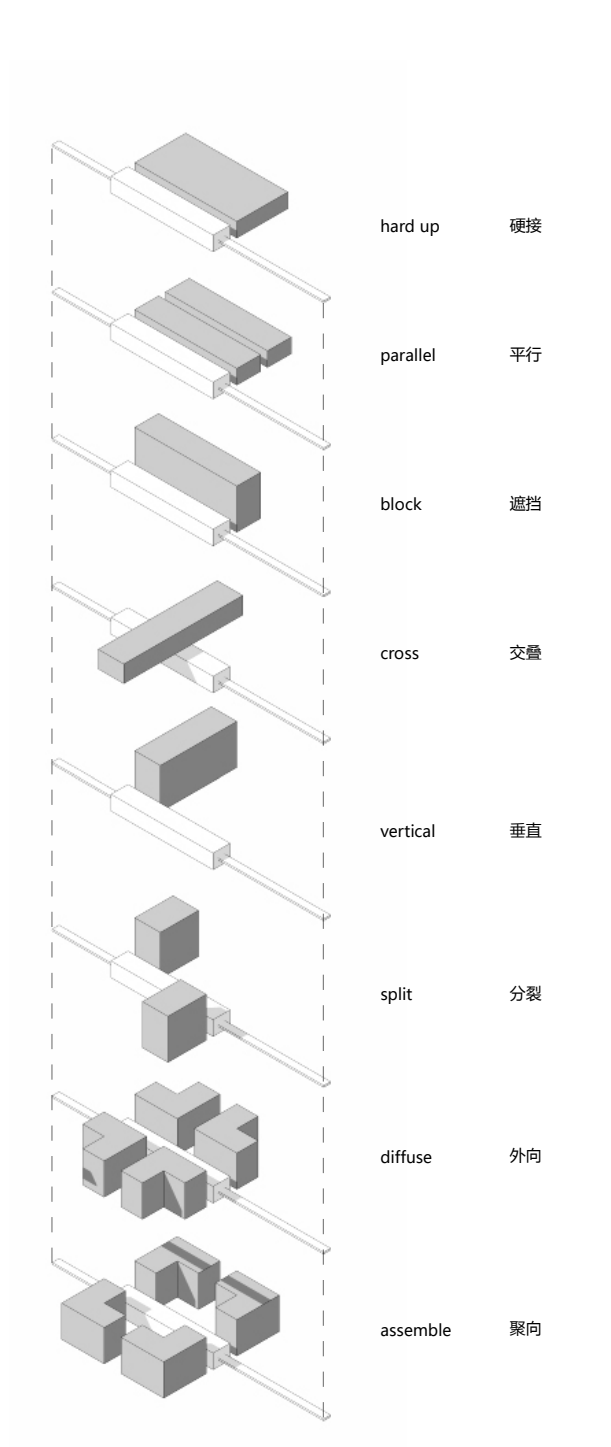
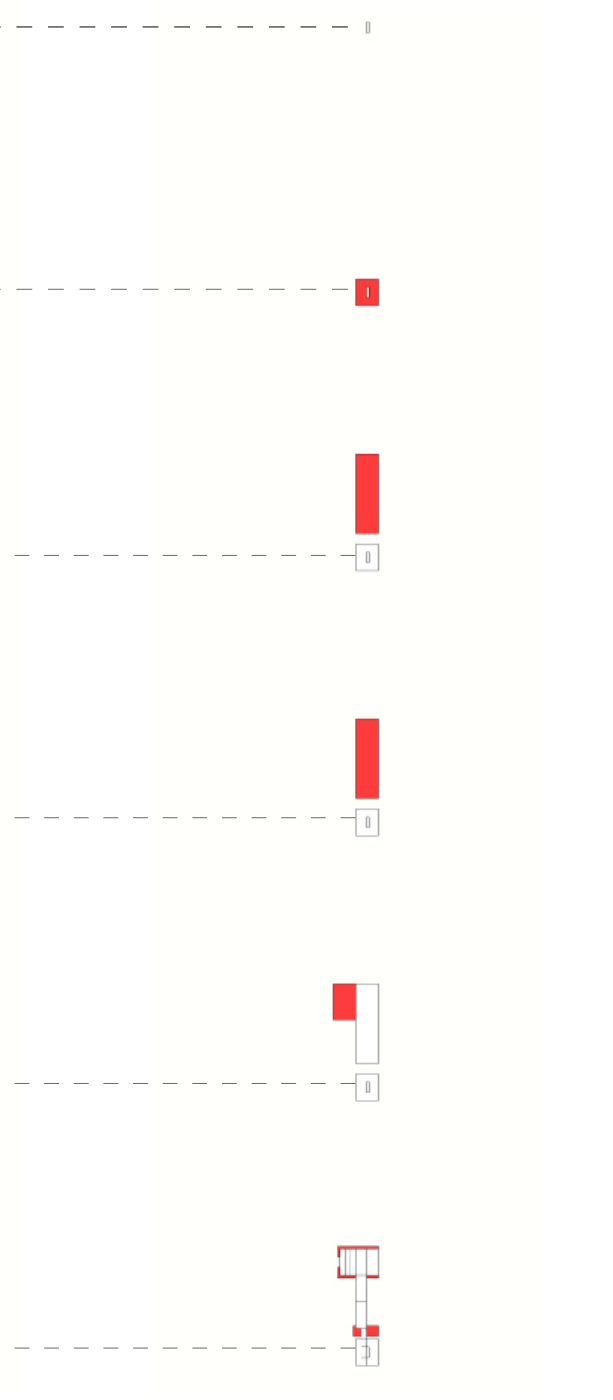
get students center  
并置学生活动中心

overhead for cars  
为车道架空

vertical transportation  
置入交通核



Relationship of the two volumes  
两个建筑体量的关系

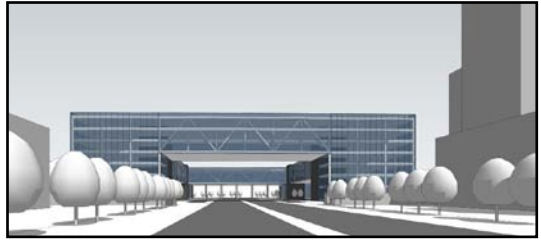
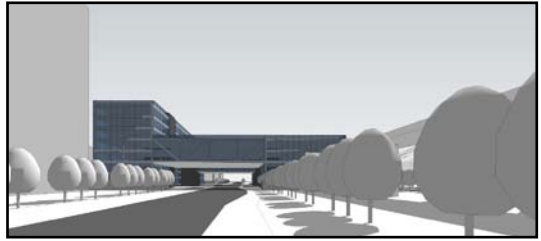


Organizing the traffic:EVACUATION&STAY

组织交通： 疏散 & 停留

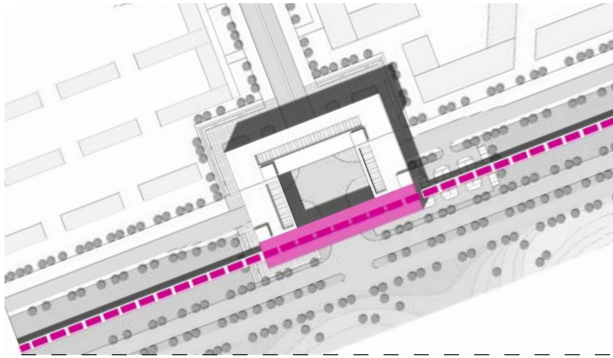
According to the complicated traffic conditions of the site, organize a clear traffic streamline to make crowd evacuated rapidly and stay.

根据场地的复杂交通情况，组织清晰的交通流线，形成快速疏散人群与停留人群的分流

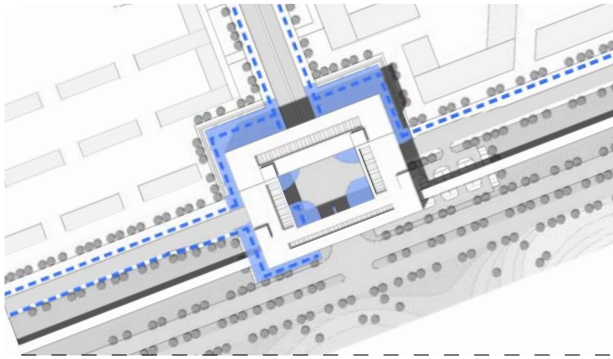


site plan 总平面

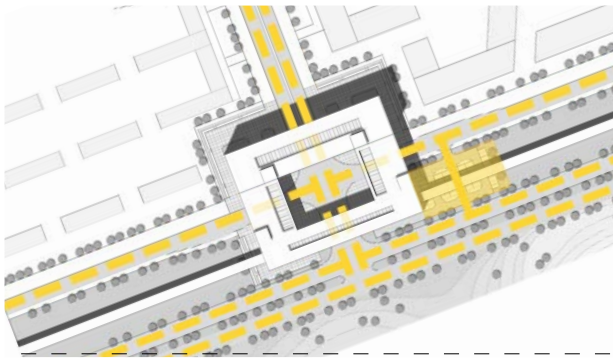




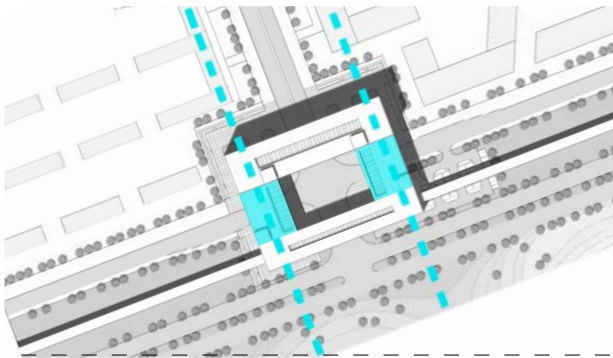
Metro station 轻轨线路



Pedestrian 人行线路



Auto 车行流线



Connection 联系



XL 特大

L 大



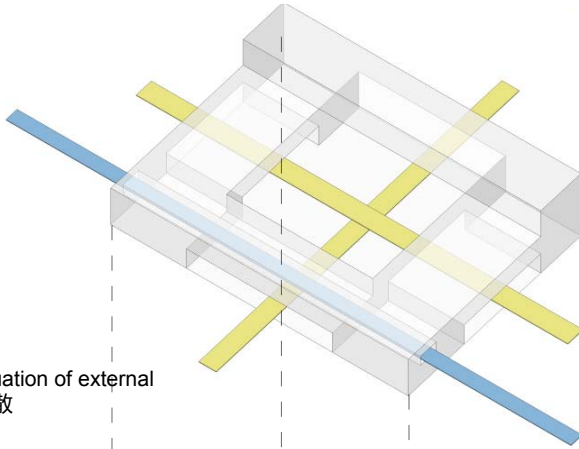
M 中



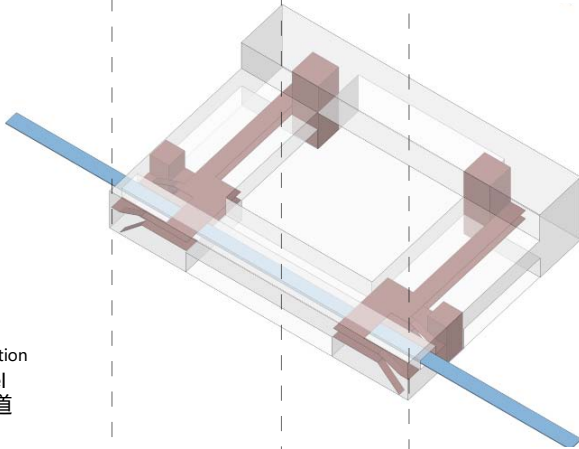
S 小



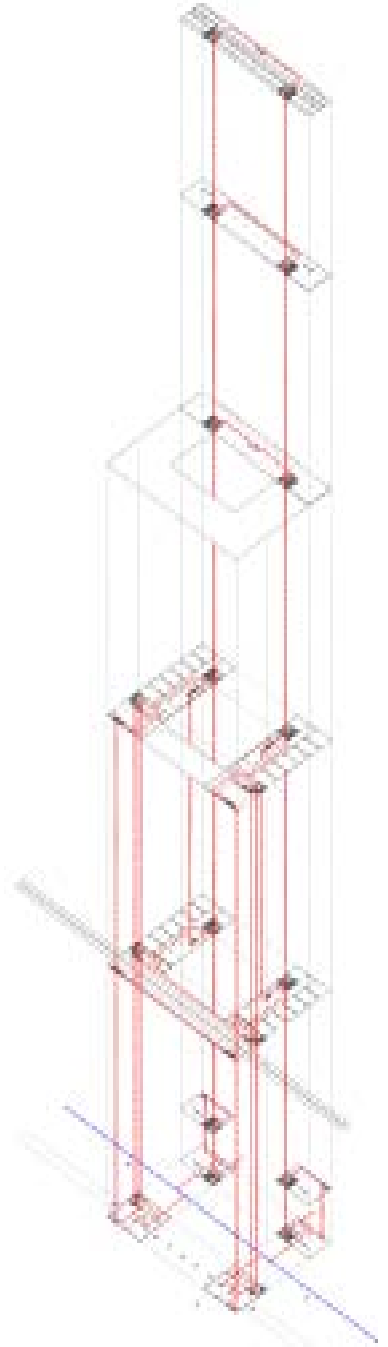
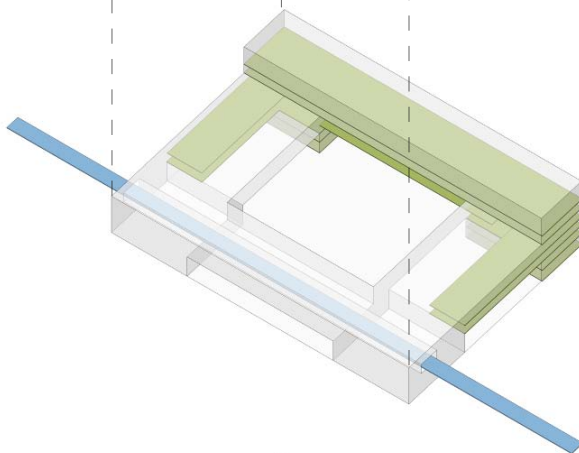
car  
Quick evacuation of external  
快速外部疏散



evacuation  
Fast channel  
快速内部通道



stay  
Stay space  
停留空间

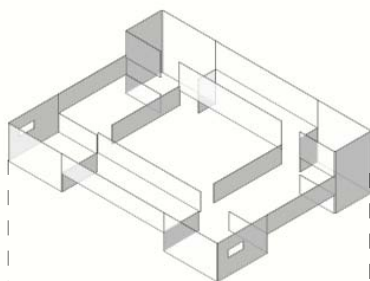


Vertical transportation  
竖向交通

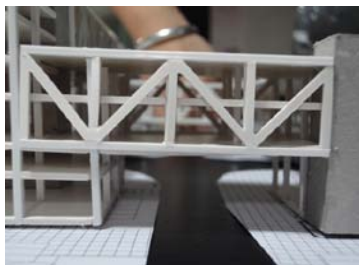
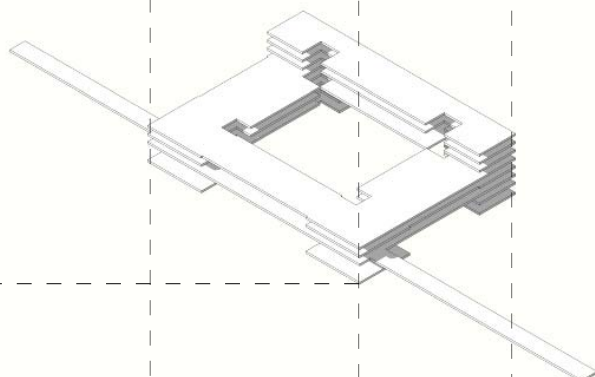




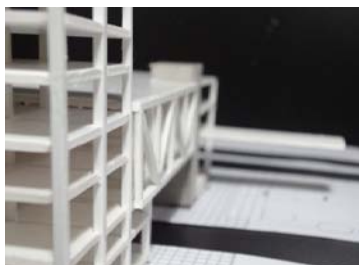
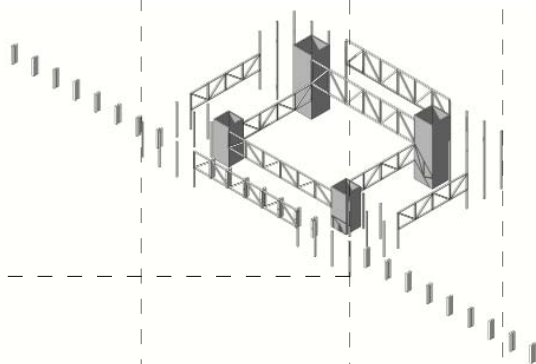
Palisade structure  
围护结构



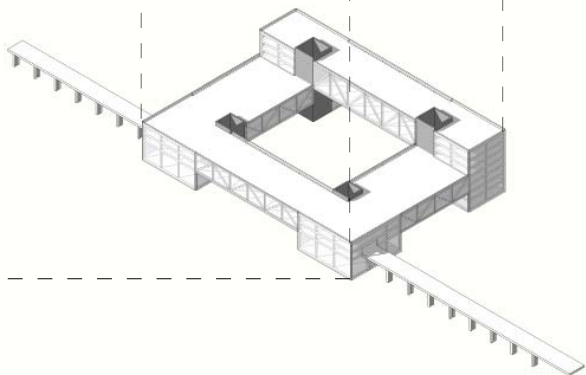
Level structure  
水平承重结构



Vertical structure  
竖向承重结构



Infrastructure  
基础设施





The architectural solution: **STRUCTURE**

解决办法： **结构**

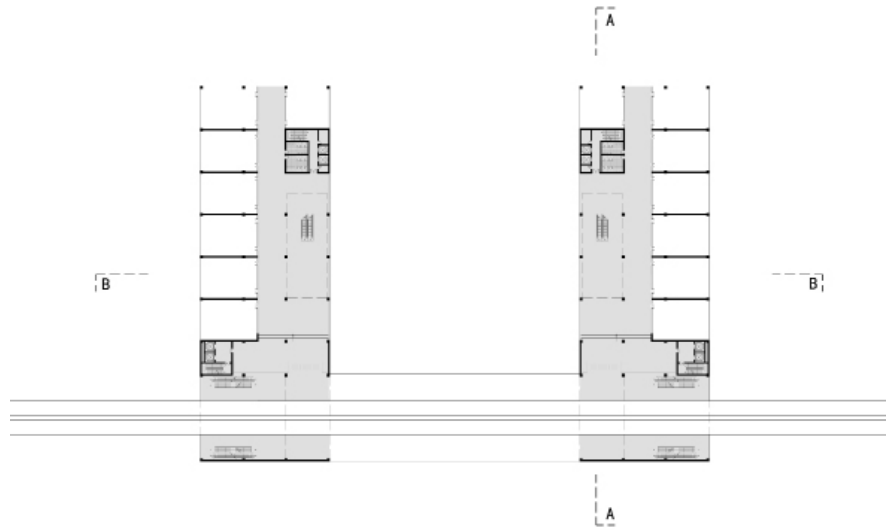
we meet the urban points. Then  
we try to solve it by the structure.  
我们在回应城市问题之后，利用结  
构来解决过程中遇到的问题。



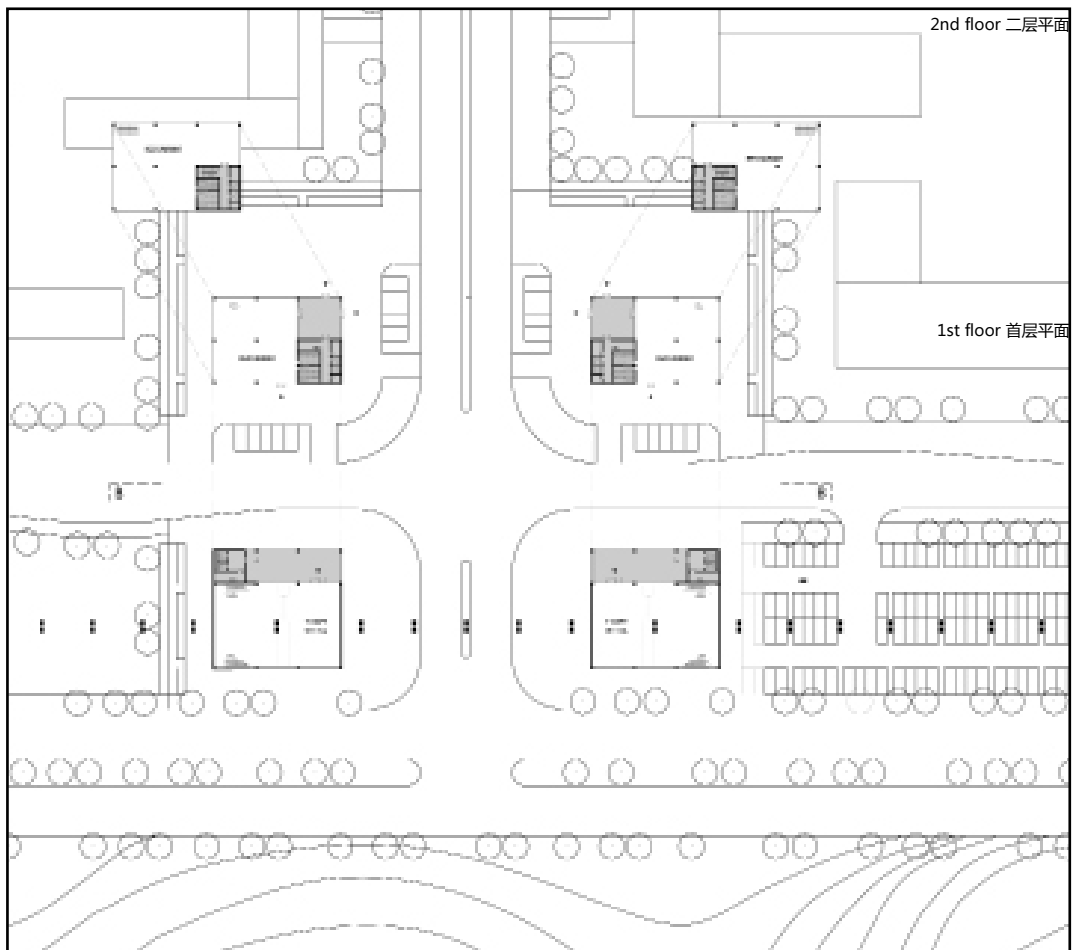
## 功能 Function

活动中心	Students center	6,750m <sup>2</sup>
商业中心	CBD	3,750m <sup>2</sup>
餐饮服务	Restaurants	750m <sup>2</sup>
公共空间	Public space	
公共停车	Public parking	17,560m <sup>2</sup> 385 car lots





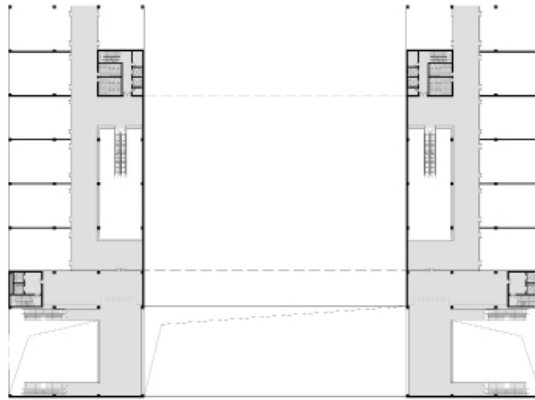
3rd floor 三层平面



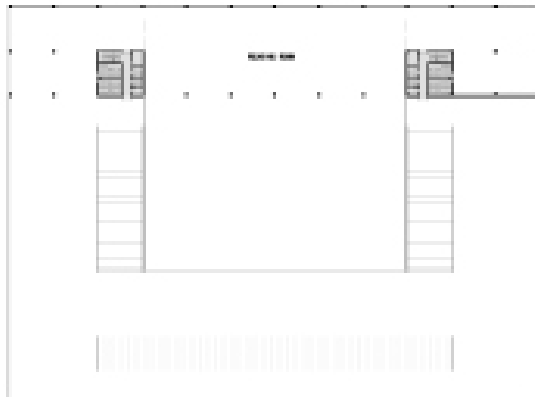
2nd floor 二层平面

1st floor 首层平面

4th floor 四层平面



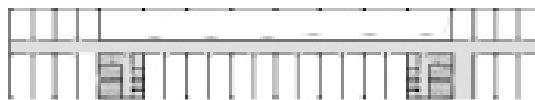
5th floor 五层平面

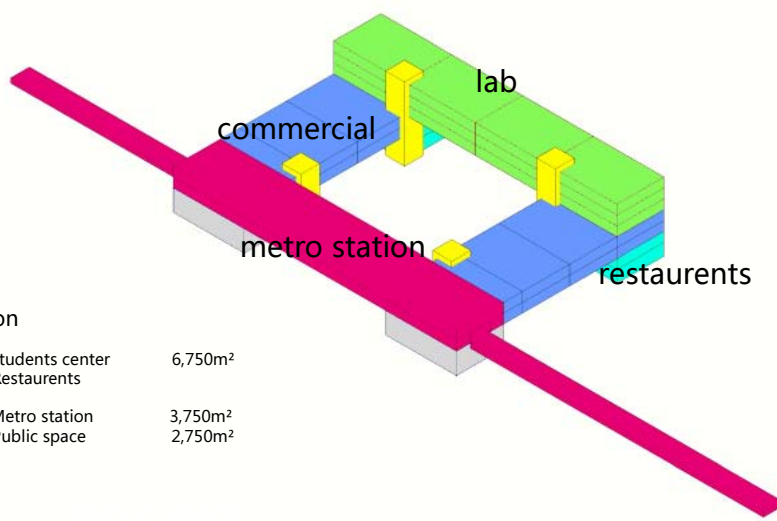


6th floor 六层平面



7th floor 七层平面

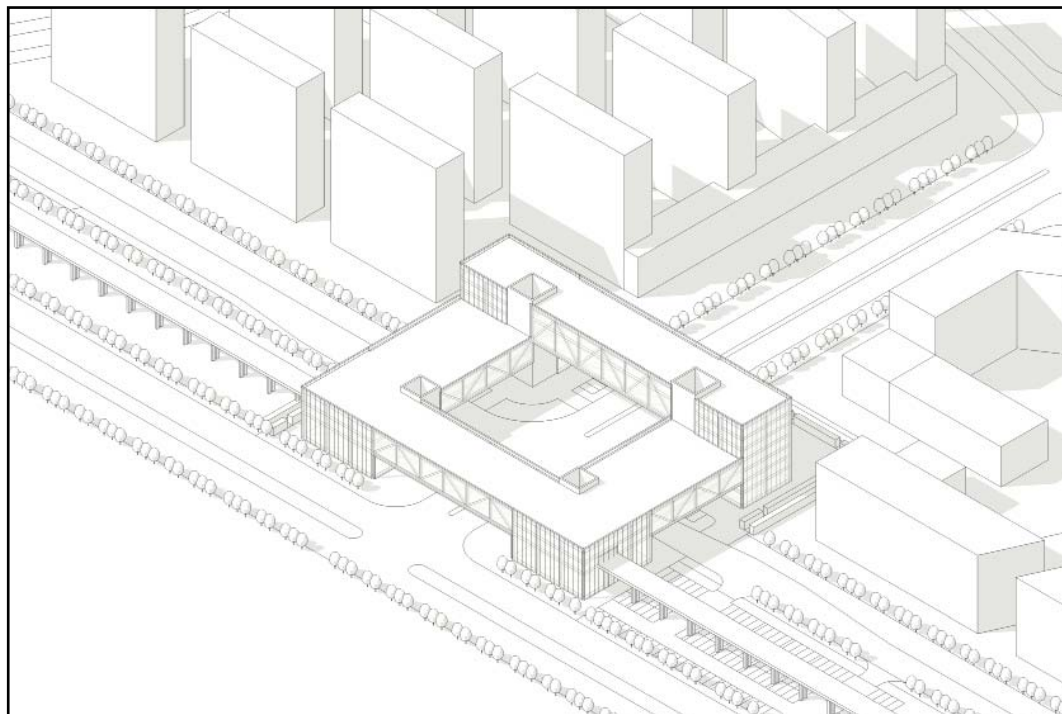


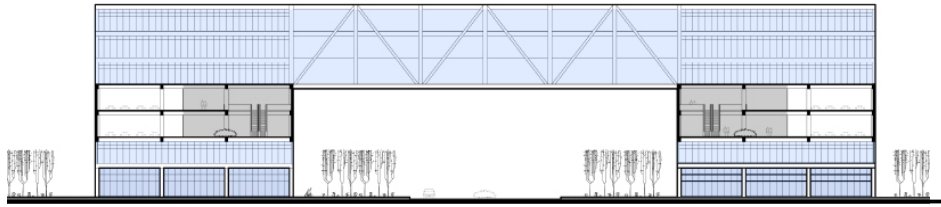


功能 Function

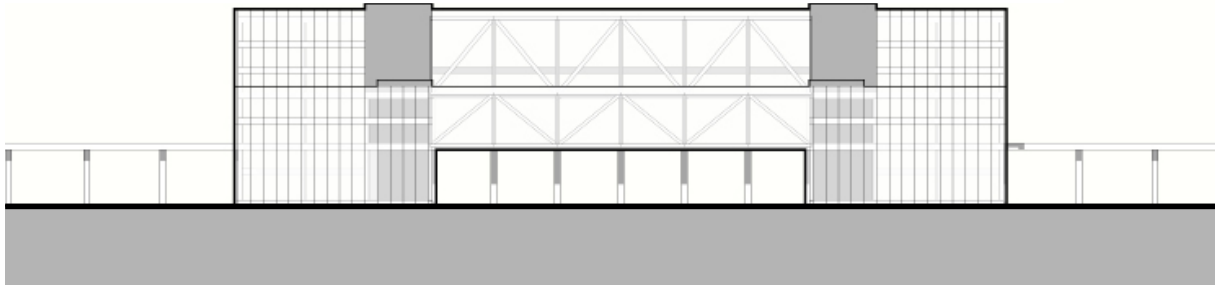
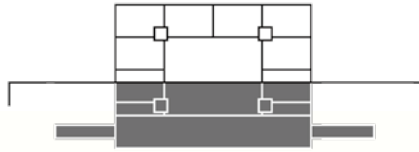
学生活动中心	Students center	6,750m <sup>2</sup>
餐饮空间	Restaurants	
商业中心		
轻轨站	Metro station	3,750m <sup>2</sup>
公共空间	Public space	2,750m <sup>2</sup>

isometric 轴测图

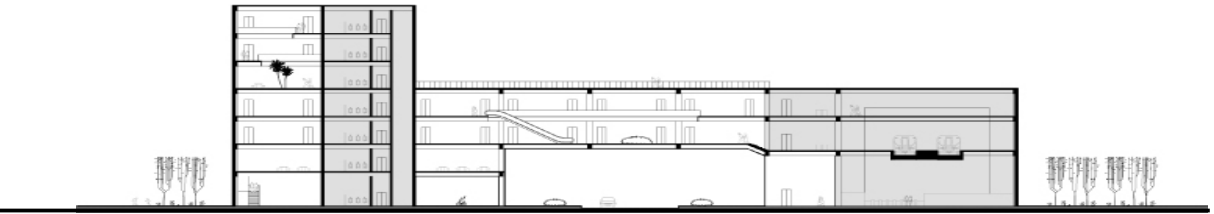




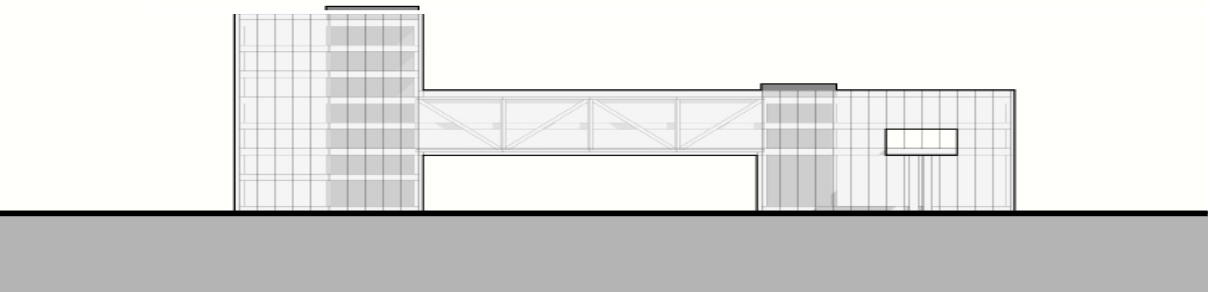
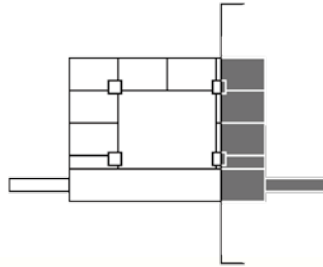
B-B section B-B 剖面



North elevation 北立面



A-A section A-A 剖面



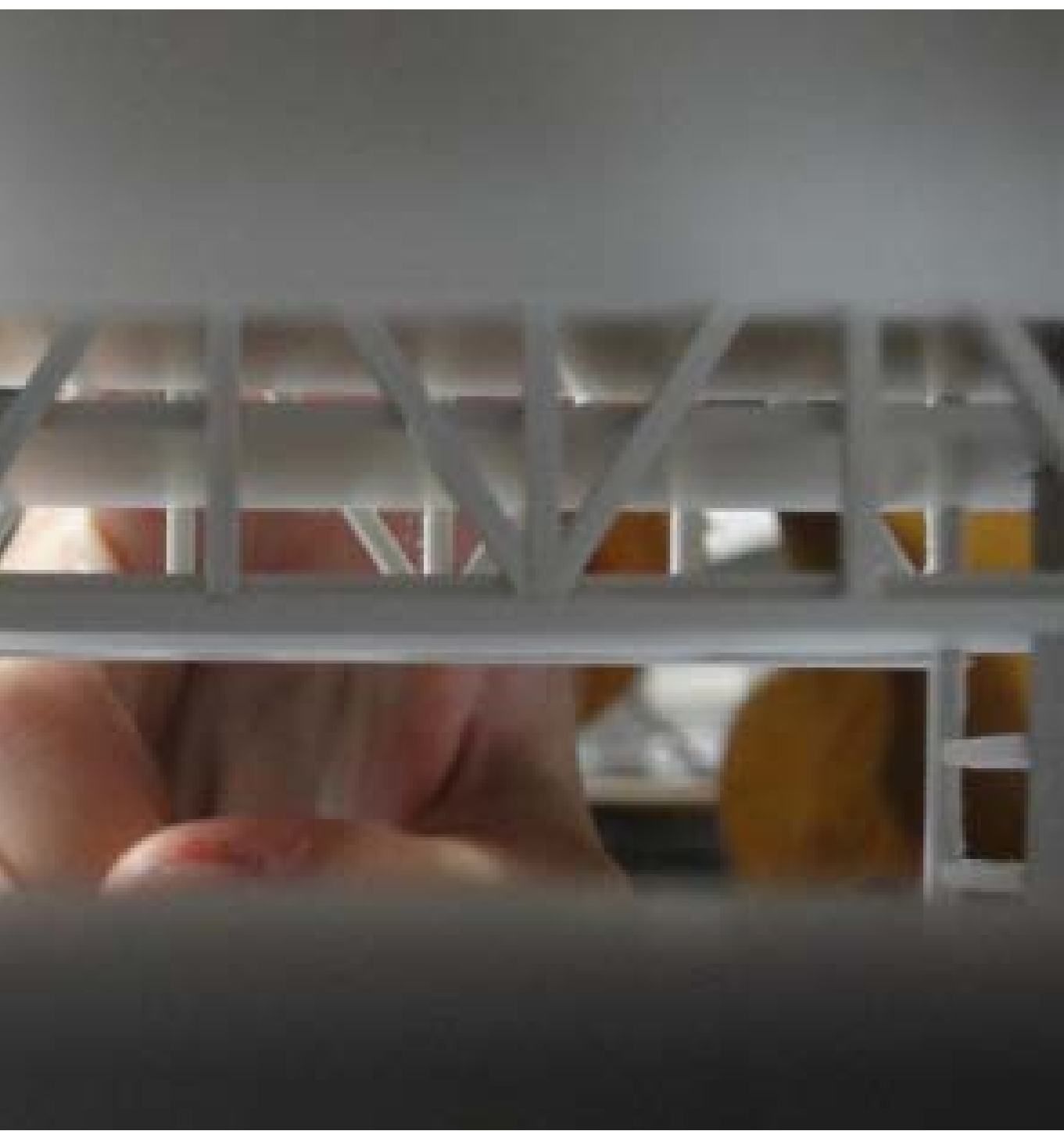
West elevation 西立面



## 技术指标 Index

基地面积 Site	18,200m <sup>2</sup>
建筑面积 Build area	18,300m <sup>2</sup>
容积率 FAR	0.98
绿化率 Ratio of greenland	56%
全部停车 Total parking	24,635m <sup>2</sup> 612 car lots







#### 第四组 Team Four

成员：	Members:
凯特 (维也纳理工)	Kate(TU)
严子昌 (深圳大学)	Yan Zichang(SZU)
马琳 (深圳大学)	Ma Lin(SZU)
王萍萍 (哈尔滨工业大学)	Wang Pingping(HIT)
孙宇 (哈尔滨工业大学)	Sun Yu(HIT)
王伟实 (东南大学)	Wang Weishi(SEU)
潘晖 (东南大学)	Pan Hui(SEU)



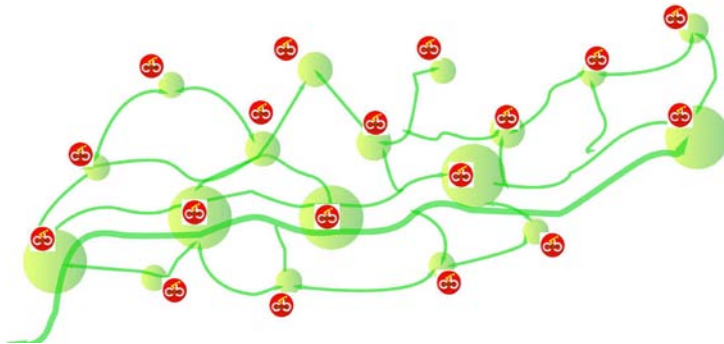
## Neurons " 神经元 "



### Problem: Divide

The area is divided into separate parts by the traffic lines and we hope to rebuild the connections.

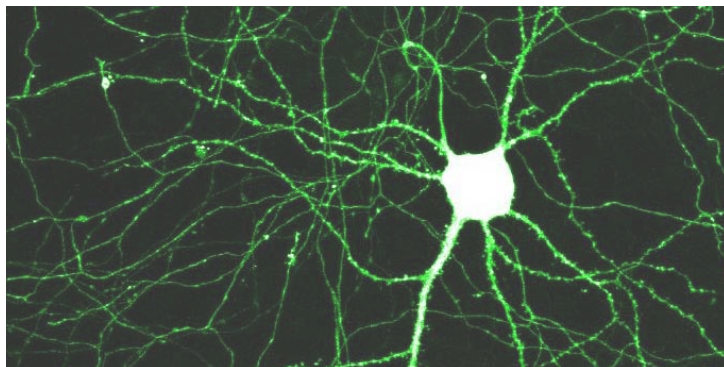
基地所在区域被交错的交通线分割成相互隔离的区域，我们希望我们的设计能为这些区域建立联系。



### Urban: Connect

In urban scale, we plan to build a connection net of slow traffic to connect the area.

在城市尺度上，我们希望建立一个由慢行交通所构成的网络来连接整个区域。



### Building: Joint

The architecture happens at the joint of the net. We put our student center on one joint to connect and combine different areas and traffic.

我们将我们的建筑置于网络的一个交点上，希望它不仅能连接各分割的区域，并且能将各种交通综合在一起。



# URBAN 城市

## Change of subway line 地铁线调整

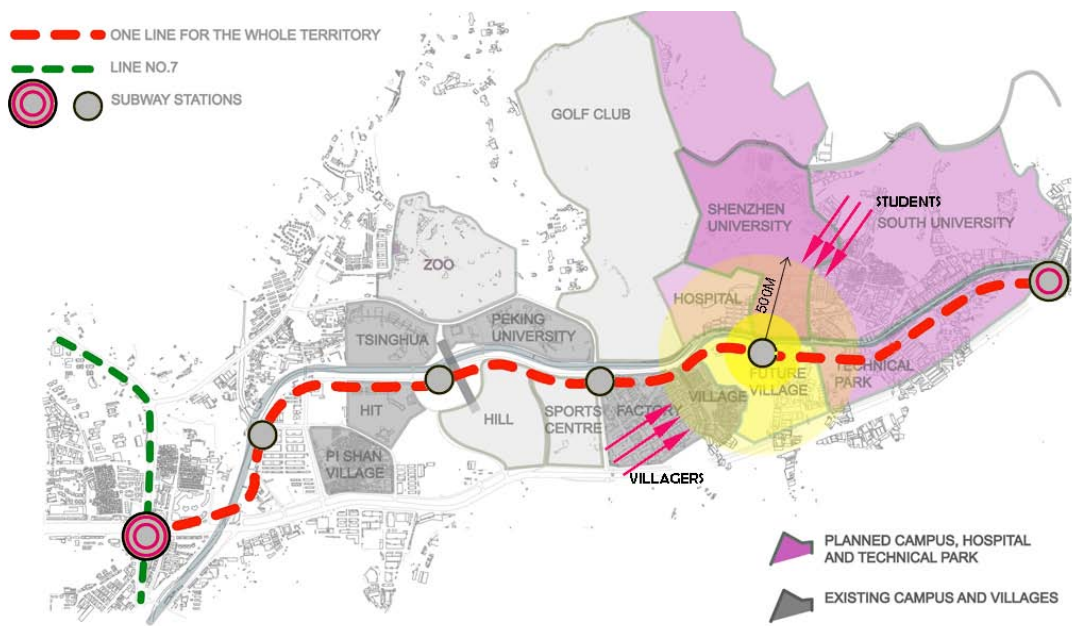
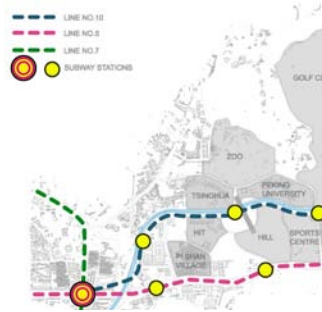
There are two subway line planned in this area. Line 10 serves both sides of the area while Line 5 can only serve one. As they serve the same area and there is no need to keep both of them, we keep only line 10.

按照规划，区域内有两条平行的地铁线 10 号线与 5 号线同时服务这个区域。我们发现 10 号线可以服务两个方向而 5 号线只能服务单向，鉴于两条线服务对象相似并没有保留两条线的必要，我们决定只保留 10 号线。

## Choice of subway station 地铁站选择

We choose the station at the intersection of different areas in order to serve different people and create connection.

我们将地铁站选在不同区域的交界处，以期更有效率的服务不同人群和区域





# PUBLIC SPACE ISLANDS

RELAXATION, ENTERTAINMENT PLACE FOR STUDENTS AND VILLAGERS



OPEN-AIR CINEMA



OPEN-AIR LIBRARY



OPEN-AIR EXHIBITIONS



CHILLING SQUARES



RELAXING



OPEN-AIR ART CLASSES

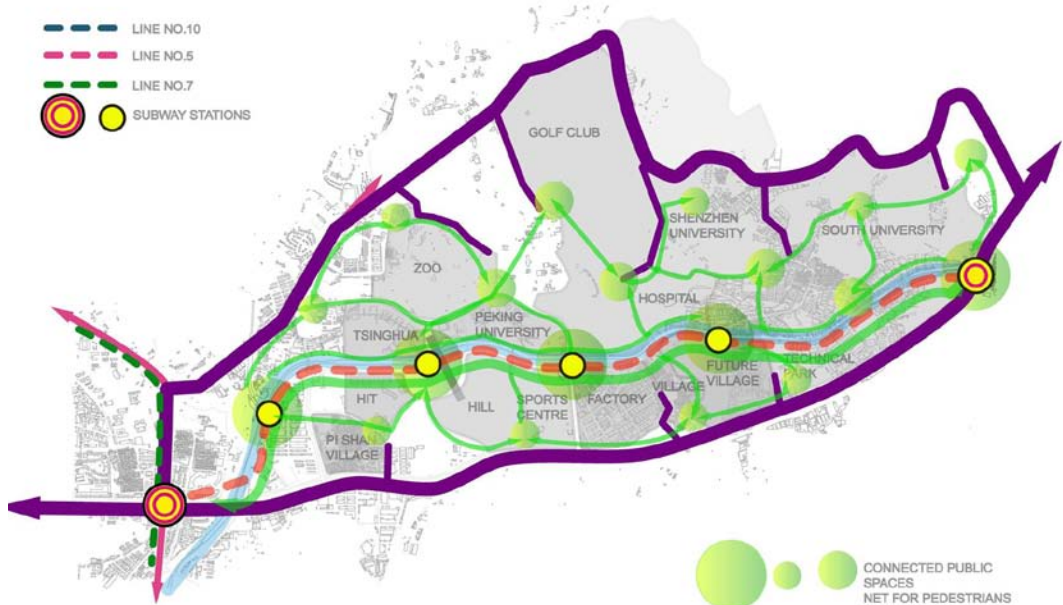


LINE NO.10

LINE NO.5

LINE NO.7

SUBWAY STATIONS

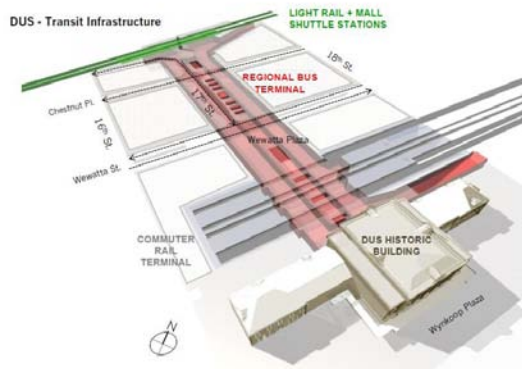


CONNECTED PUBLIC SPACES NET FOR PEDESTRIANS AND BICYCLES



# INFRASTRUCTURE

## 基础设施



## Transit Infrastructure

### 交通基础设施

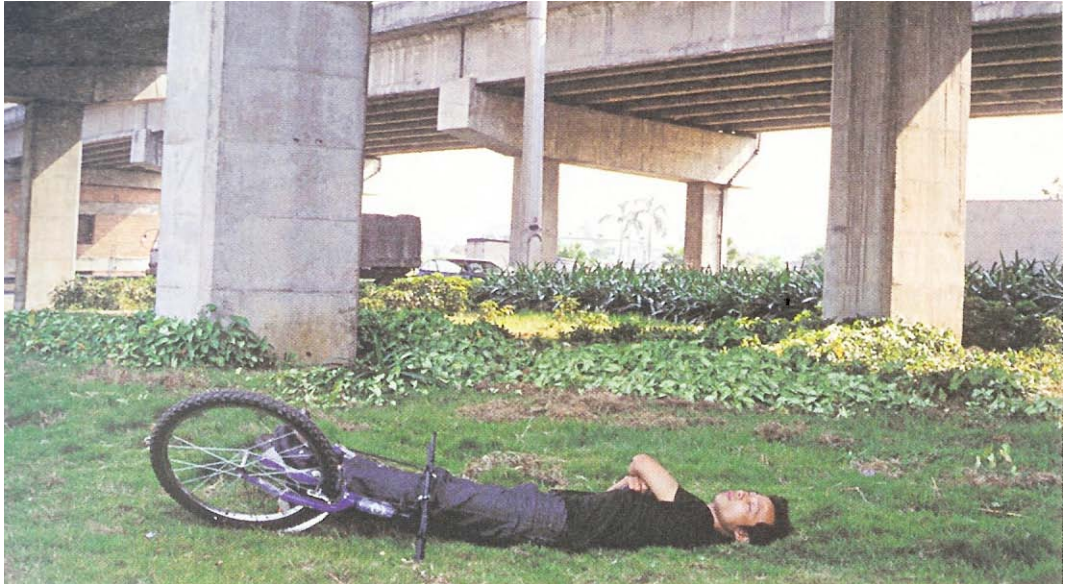
The collection of several traffic systems including subway system, vehical system, bicycle system, pedestrain system. 包括地铁站，机动车系统，自行车系统，人行道系统等在内的交通基础设施的集合。



## Public Infrastructure

### 公共基础设施

Urban public spaces and infrastructures including parks, green spaces, squares, open spaces for activities. 包括公园，绿地，广场，室外活动空间等在内的城市生活公共空间和基础设施

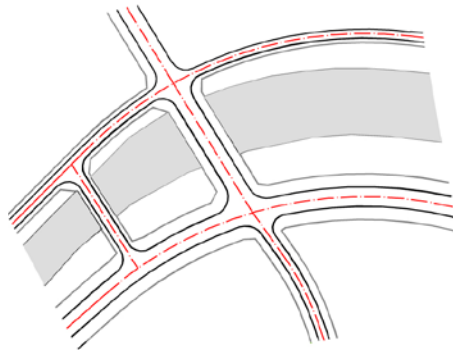
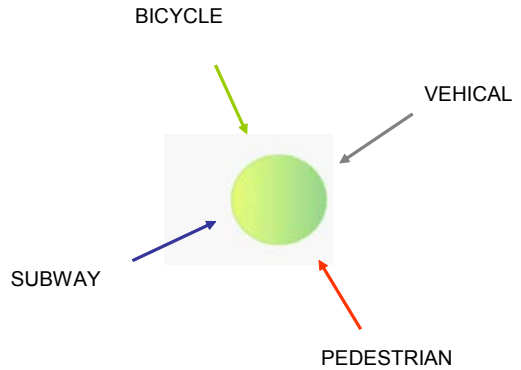


INFRASTRUCTURES:  
Parks + Transportations  
基础设施：公园 + 交通

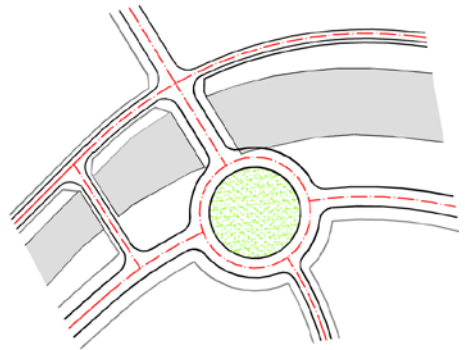
# BUILDING: basic strategy

## 建筑：基本策略

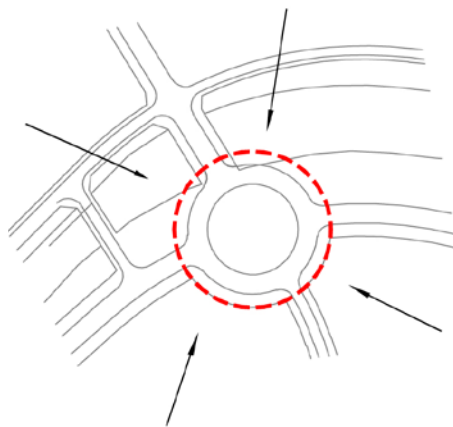
In urban scale, we plan to build a connection net. For the building, we hope it to be the joint of the net which connect different kind of area and traffic  
 在城市尺度上，我们希望建立一个连接网络。而建筑则置于这个网络的节点上，起到连接不同区域与融合不同交通的作用



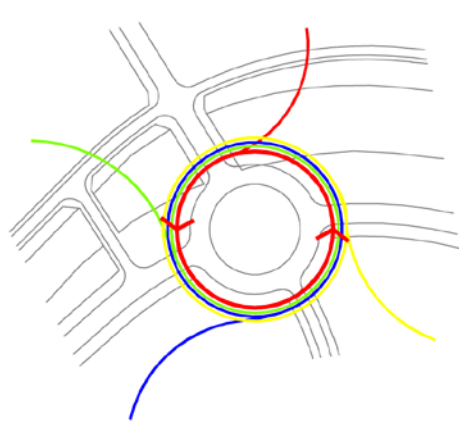
Road: slow the traffic without input too many obstacles.  
 我们希望在影响道路通畅度的前提下减慢沿河机动车道的车速



Central Island: Solve the problem without traffic lights  
 环岛可以在不加入红绿灯的前提下解决交叉口的交通问题并降低沿河道路的车速



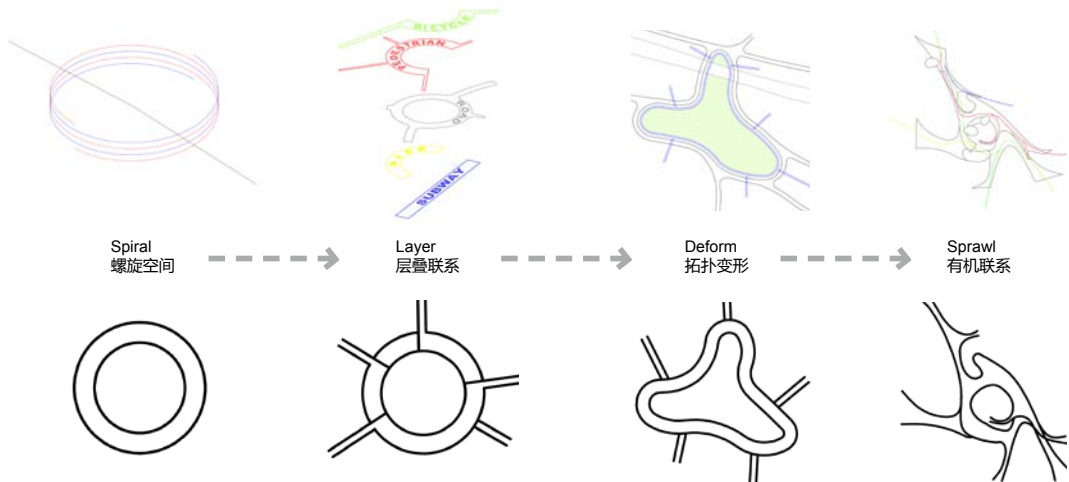
People/Function from every direction: Round strategy  
 不同人流和功能分布在各个方向，因此我们对各个方向匀质的圆形布局比较合适。



Connection in mobility: Every kind of people/traffics connect in a mobile way  
 环形布局同样利于不同的人群和交通在运动的状态下相互交流与连接。

From the basic circle from, we try to develop it from different ways. We develop several kind of space mode and deform the circle form for better relationship with landscape. Then we combine them and get the sprawl mode.

由圆形的基本形态出发，我们尝试从不同的方式深化，逐步发展出螺旋，层叠等空间形式，并通过场地的限定条件将圆形变形以更好的呼应景观，最后结合各种可能，形成最终蔓延的形态。



Developed from the basic round form, we change the circle to the final sprawl mode. 由圆形的布局逐步发展变形，空间模式结合螺旋，层叠，最后发展为蔓延伸展的形态。



BUILDING: concept  
建筑: 概念

**Research  
Center**

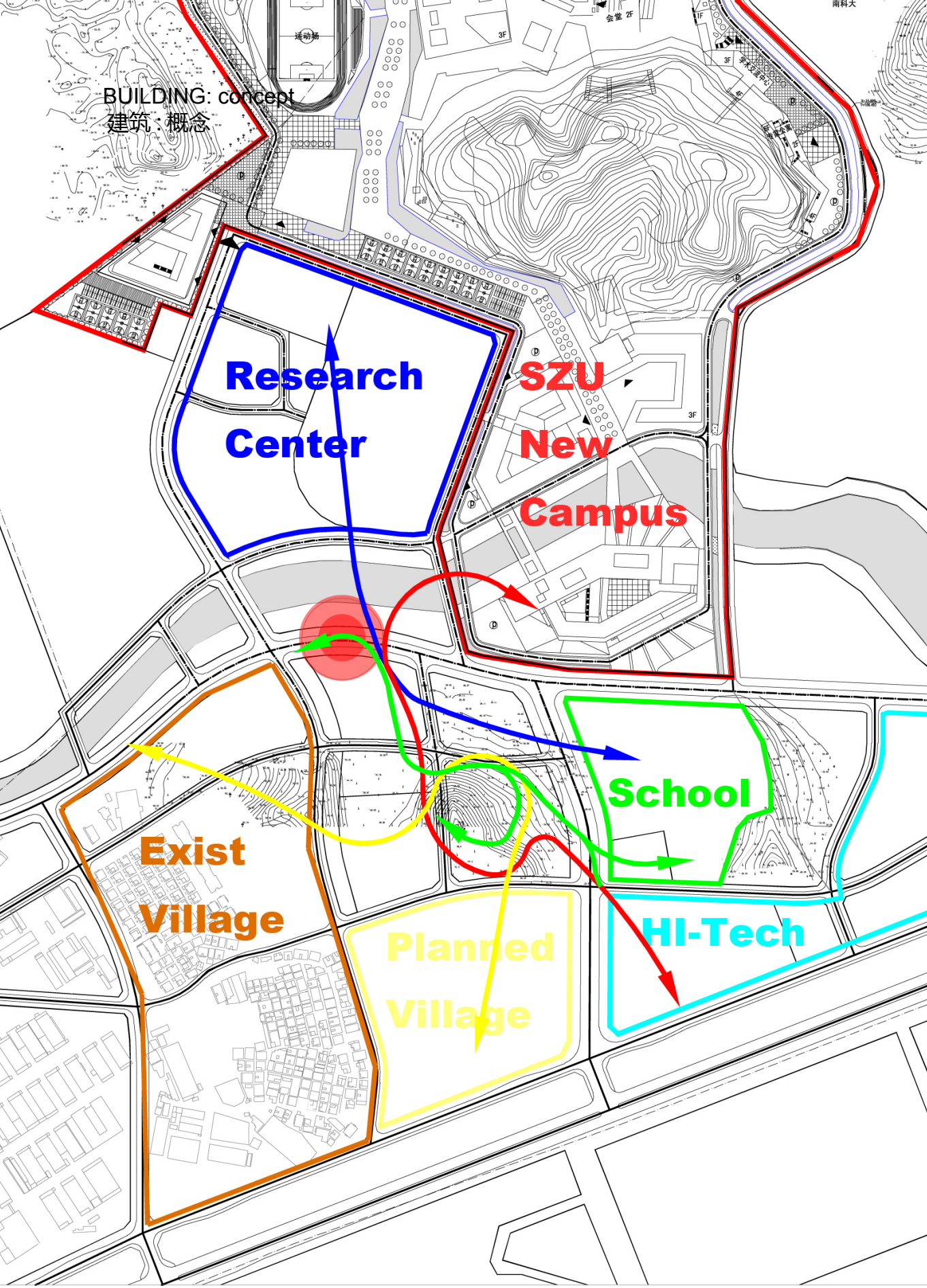
**SZU  
New  
Campus**

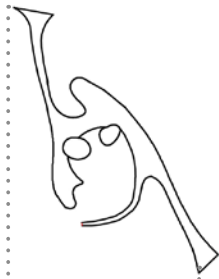
**School**

**Exist  
Village**

**Planned  
Village**

**HI-Tech**





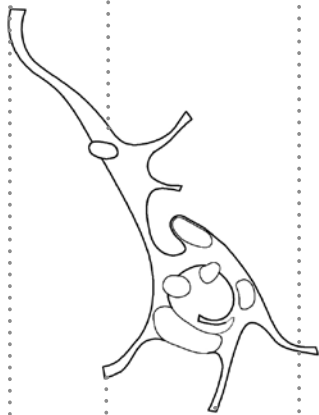
3rd floor  
三层



Short cut  
捷径

3rd floor create a quick connection between research centers and Hi-tech park.

三层平台连接大学研究中心与高新科技园，为两个本应有密切联系却相隔很远的区域建立快捷联系



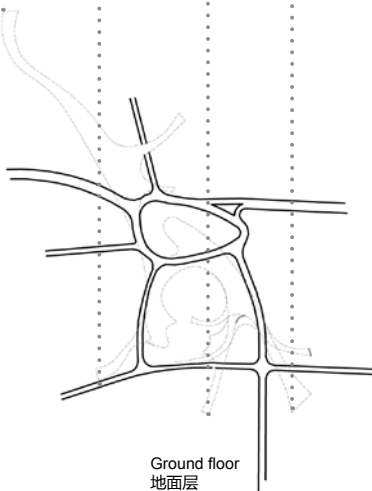
2nd floor  
二层



Activities  
连接与活动

2nd floor connect the university, village and other facilities, build a slow traffic system. We also put some facilities for entertainment or study and other activities. We hope to make it a public space for students and villagers.

二层平台连接大学，村落和其他学校设施，建立慢行交通联系，并设置各种活动设施，为大学生和周边居民提供公共活动空间



Ground floor  
地面层



Central island  
环岛交通

We use the central island to organize the traffic to slow down the vehical traffic without traffic lights

地面层通过设置环岛组织交通，在不用设置红绿灯的情况下合理组织交通，并减慢沿河机动车道的速度。

BUILDING: design  
建筑: 具体设计



Subway Entrance  
地铁站入口



Hotel Reception  
酒店大堂



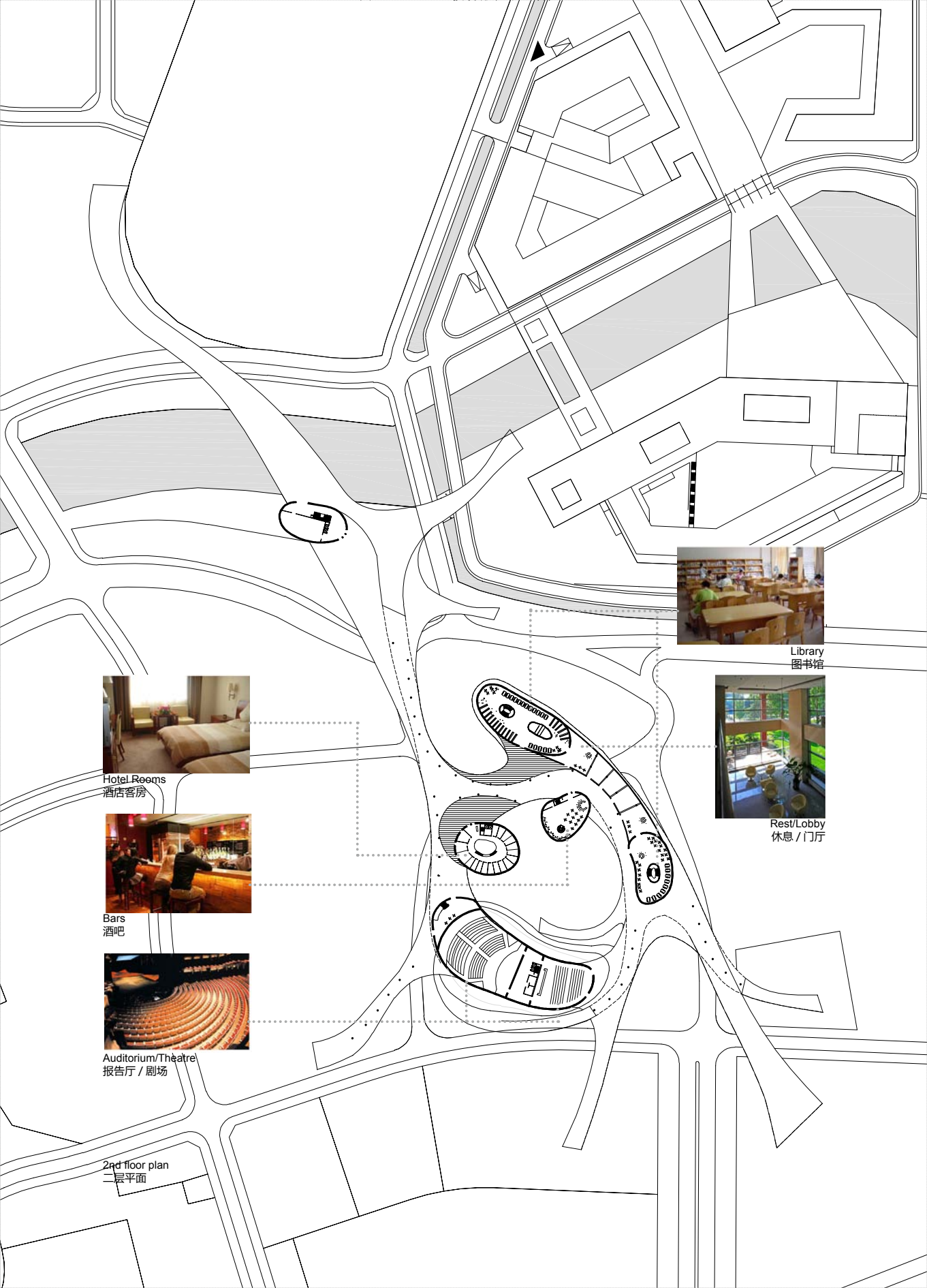
Parking  
停车场



Shops  
商店

Ground floor plan  
地面层平面





Library  
图书馆



Hotel Rooms  
酒店客房



Bars  
酒吧



Auditorium/Théâtre  
报告厅 / 剧场

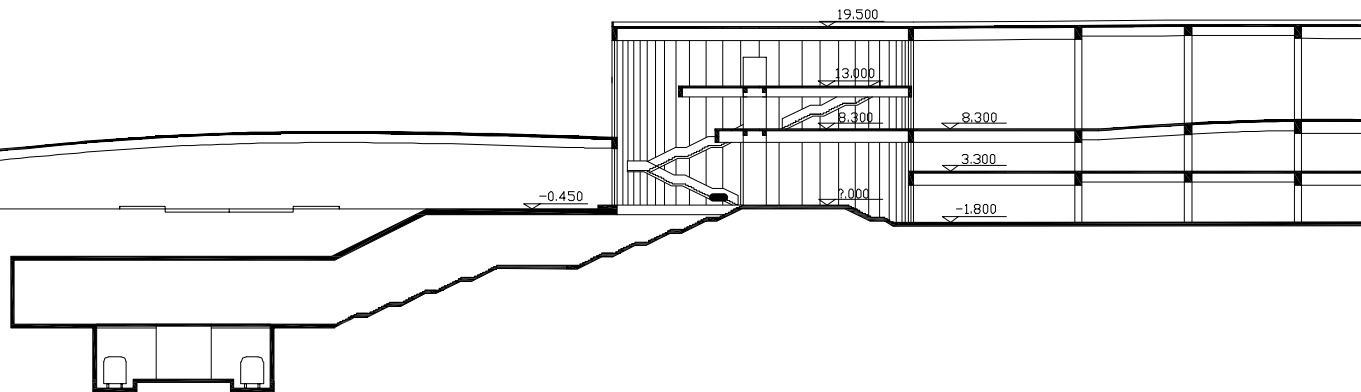


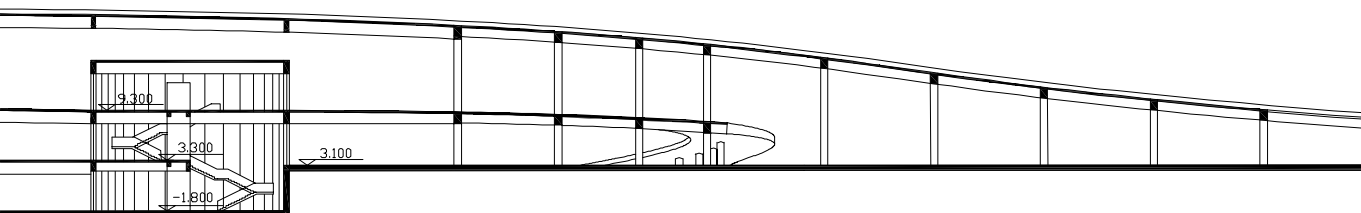
Rest/Lobby  
休息 / 门厅

2nd floor plan  
二层平面



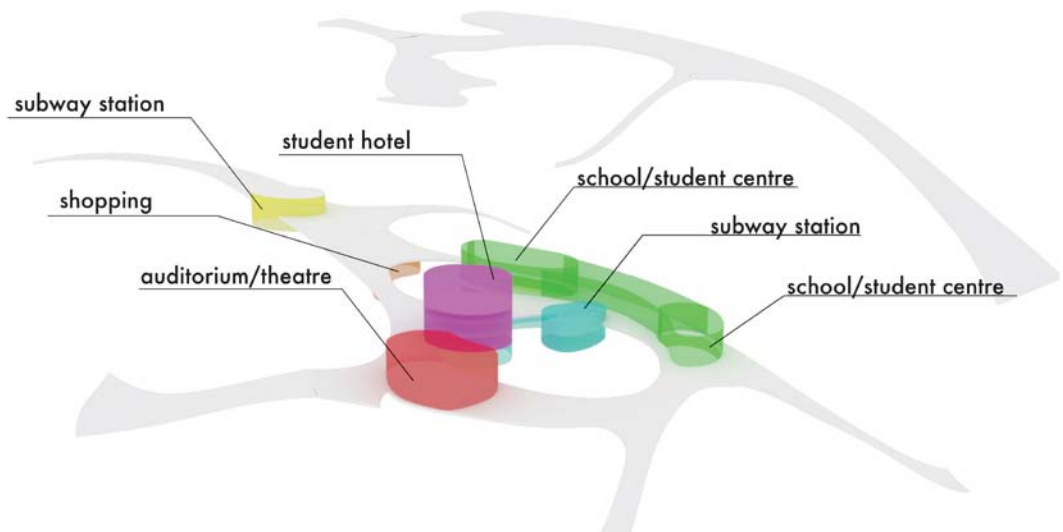
BUILDING: design  
建筑：具体设计



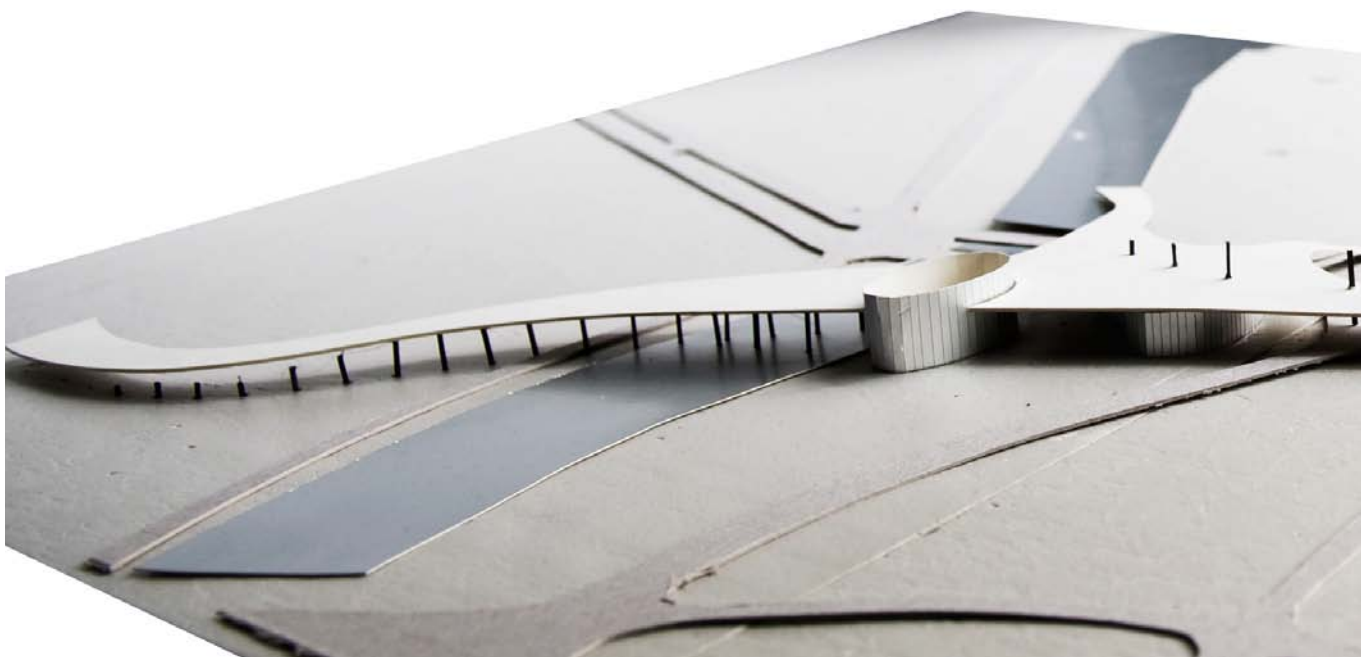


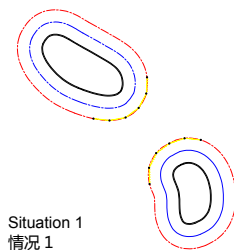
Section A-A  
A-A 剖面

BUILDING: function & structure  
建筑：功能与结构

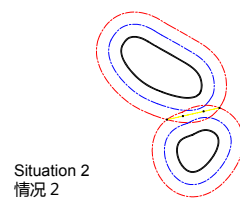


Function logic: We put all the indoor functions into the round shape cells  
功能逻辑：将所有室内确定功能至于桶装结构中，组织整个建筑的功能。

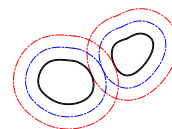




Situation 1  
情况 1

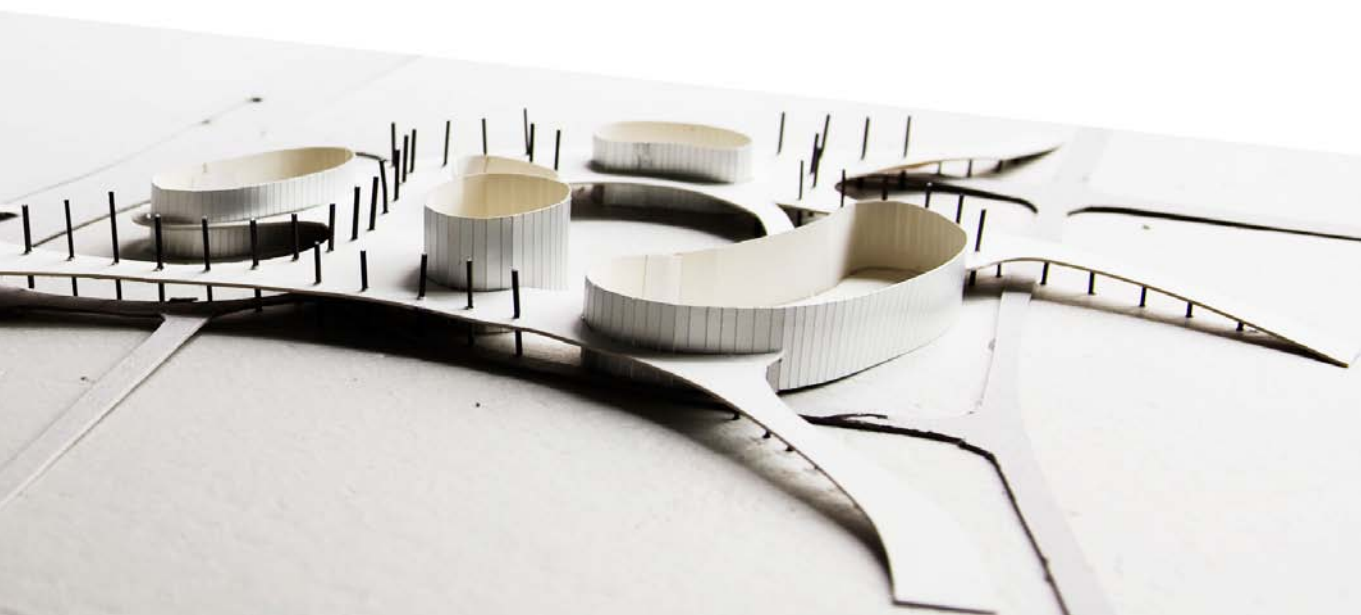


Situation 2  
情况 2



Situation 3  
情况 3

Structure logic: Use the function cell as main structure, organize the columns according to different situation of the distance between function cells  
 结构逻辑：以功能桶体为主要支撑体，根据桶体距离分三种情况来布置柱子









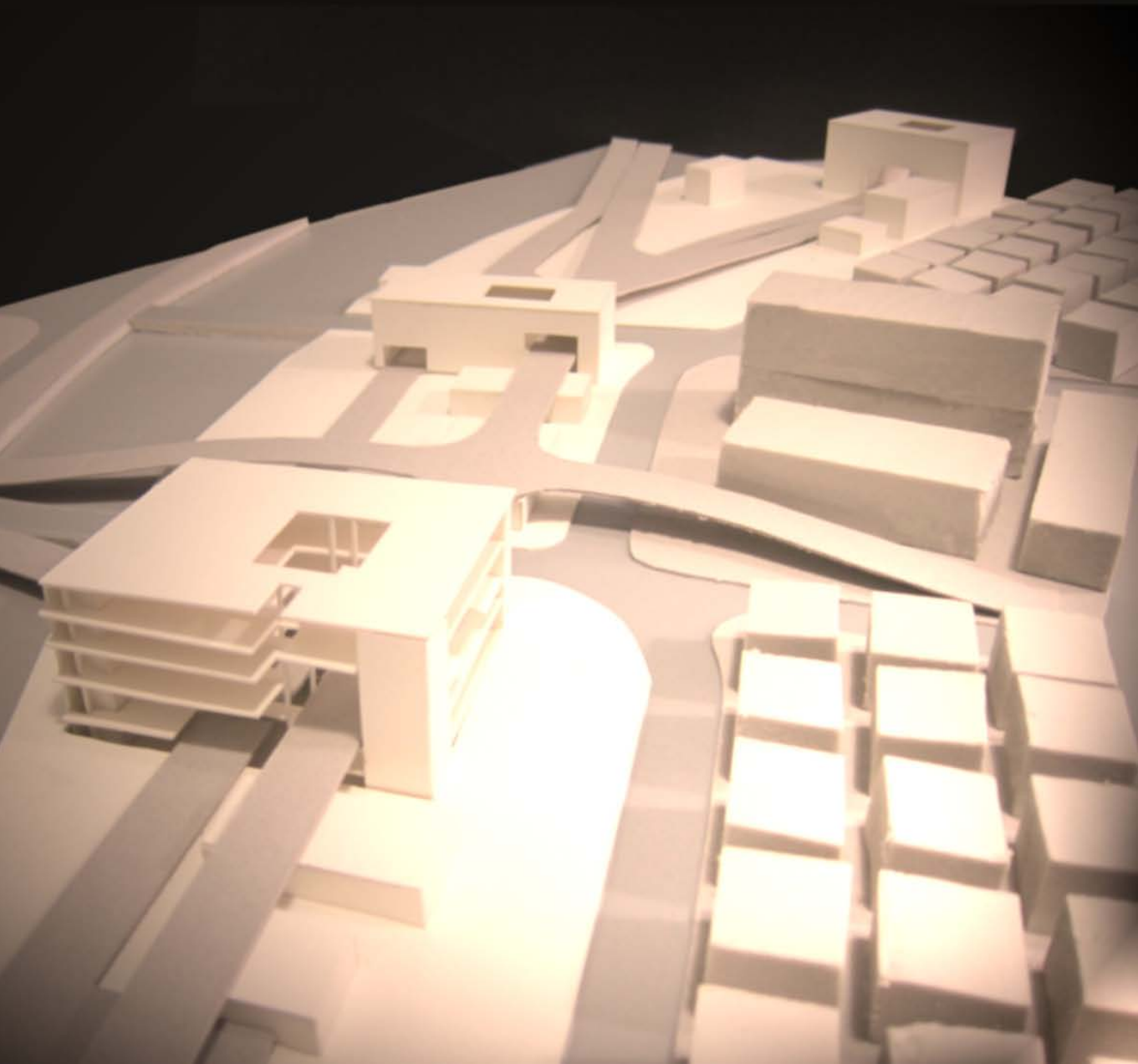


## 第五组 Team Two

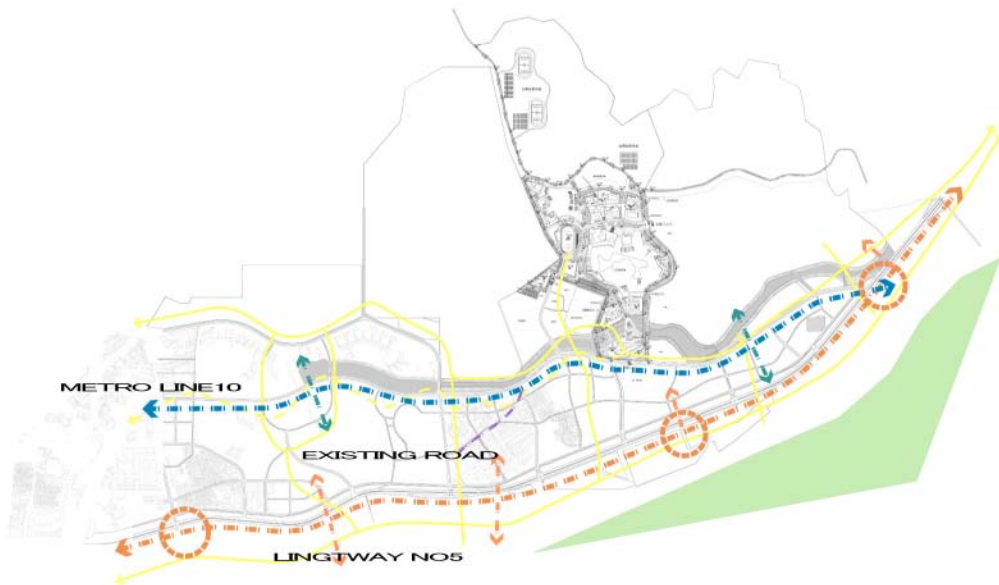
成员：	Members:
韦丹尼(维也纳理工)	Daniel Weber(TU)
贾喆喆(哈工大)	Jia jizhe(HIT)
李景煜(深圳大学)	Li jingyi(SZU)
周晓晨(深圳大学)	Zhou xiaochen(SZU)
赵艳(东南大学)	Zhao yan(SEU)
贾若(东南大学)	Jia ruo(SEU)



共同活动 conActivity



地铁合并策略 The combined strategy of subway line



现状  
Existing subway



合并  
Combined subway

低速区域 The speed-down area

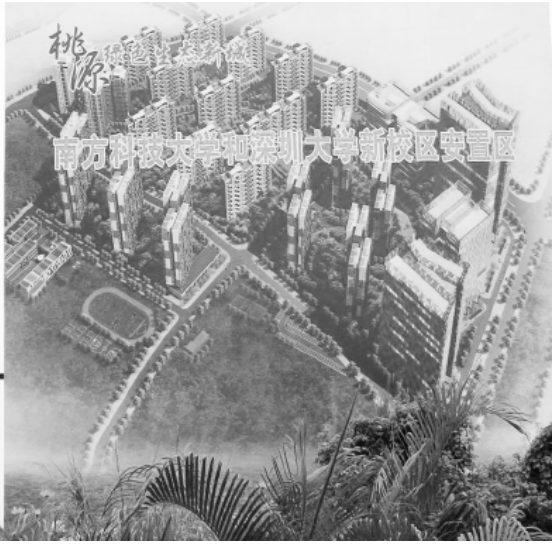


道路从大学城内部穿越，不利于大学城内部功能的组织  
 Ways go through the university town, it's not suitable with the function of the campuses.



弯曲局部道路，使主要车流从大学城外部通过，形成适合组织社区功能的低速区域  
 Curve part of the road to make speed-down area.

现状--简单却优美的校园 Beautiful but monotonous campus





是否存在这样一种社区--即生活在同一社区的不同人群共享共生  
Is there any community that can be shared by different people in a symbiosis?



愿景  
Vision



场所中的人群活动 Activities in the foundation



共同活动  
Concept of conactivity

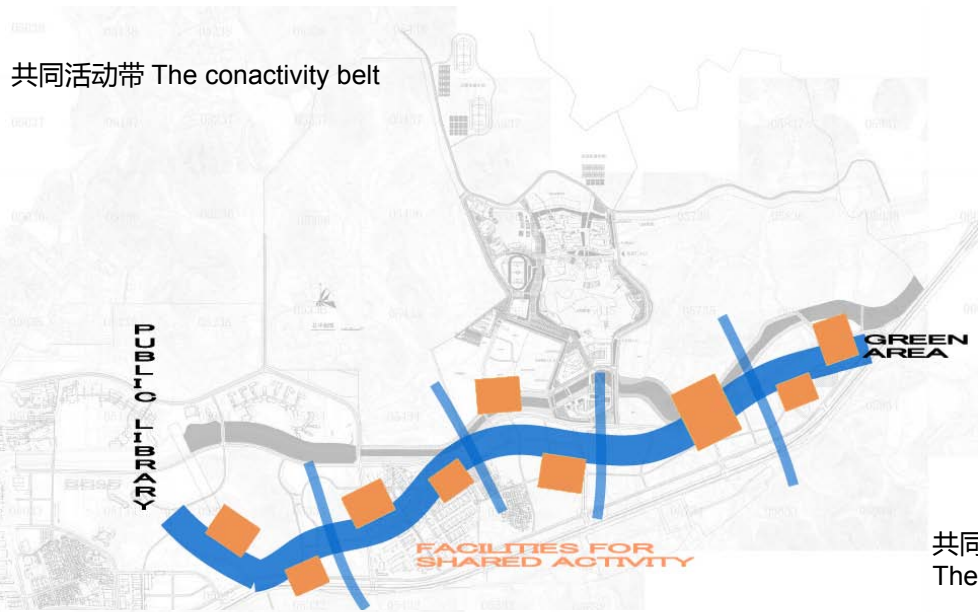
不同社会区域具有不同的用地性质，应该用共同活动在开放社区空间形成这些区域之间的联系

Neighboring areas with very diverse usage are occupied by diverse parts of the society. Connectivity should be achieved with activities in an open community space for social, sportive and commercial interaction in order to improve the living and working situation of each part of the society.





共同活动带 The connectivity belt



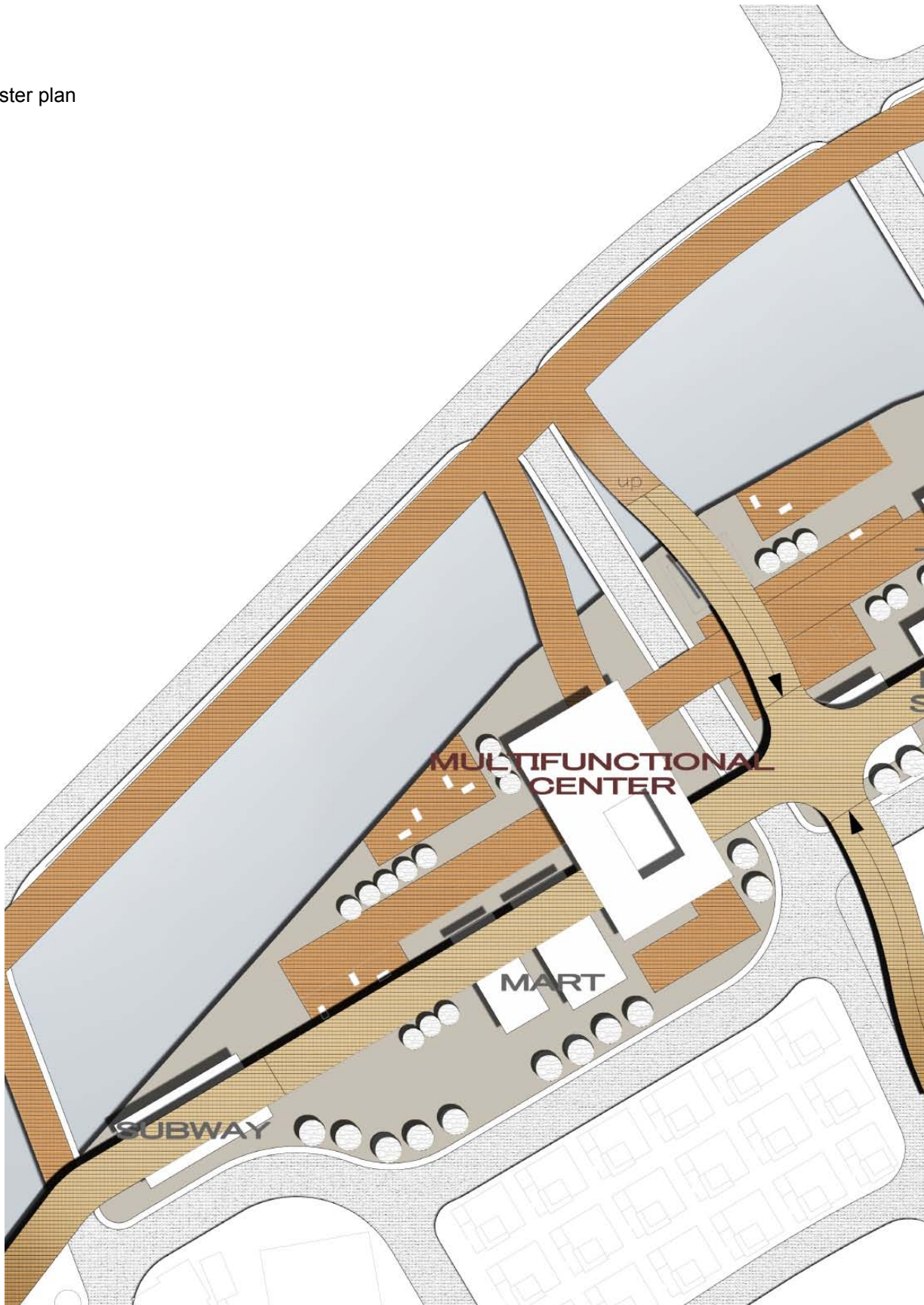
共同活动带  
The connectivity belt



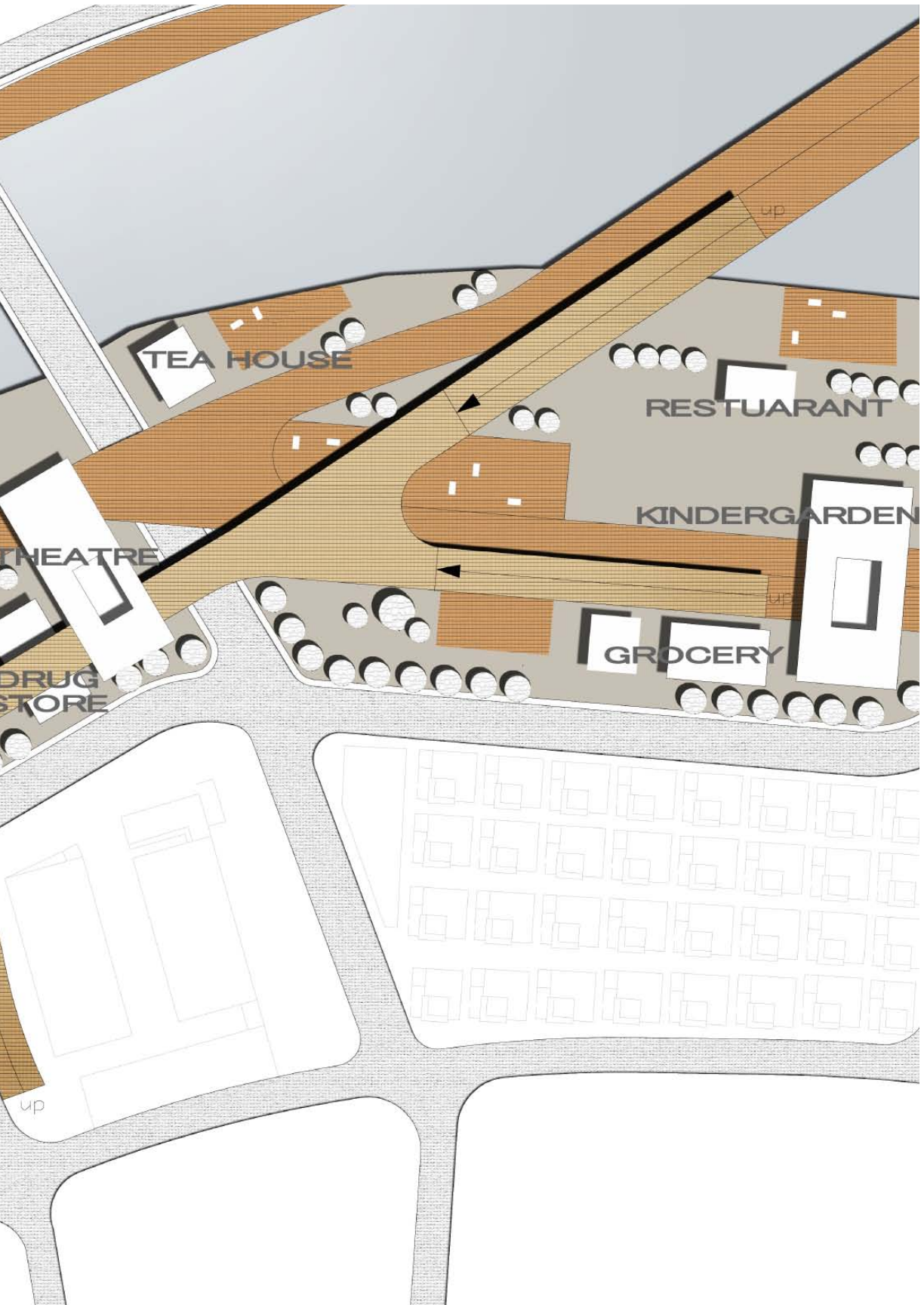
多功能中心  
The multifunctional center



总平面 Master plan



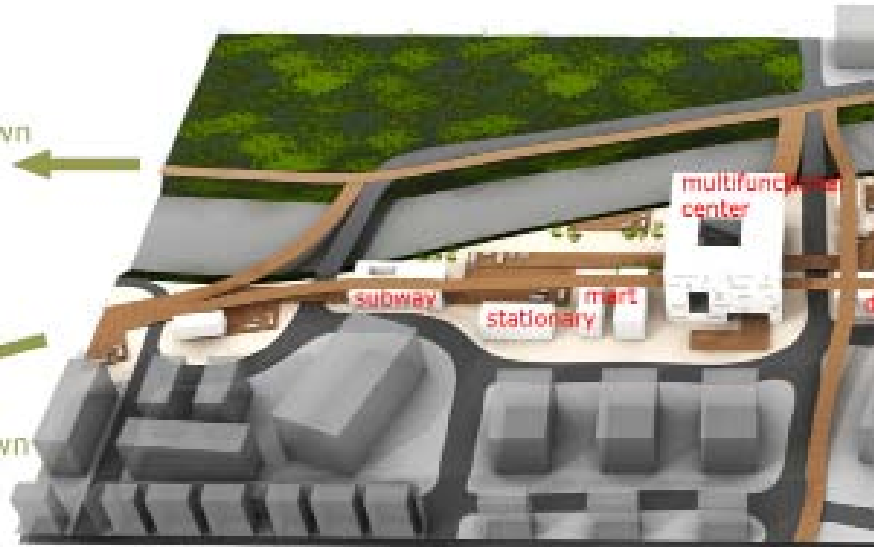






university town

urban village  
university town

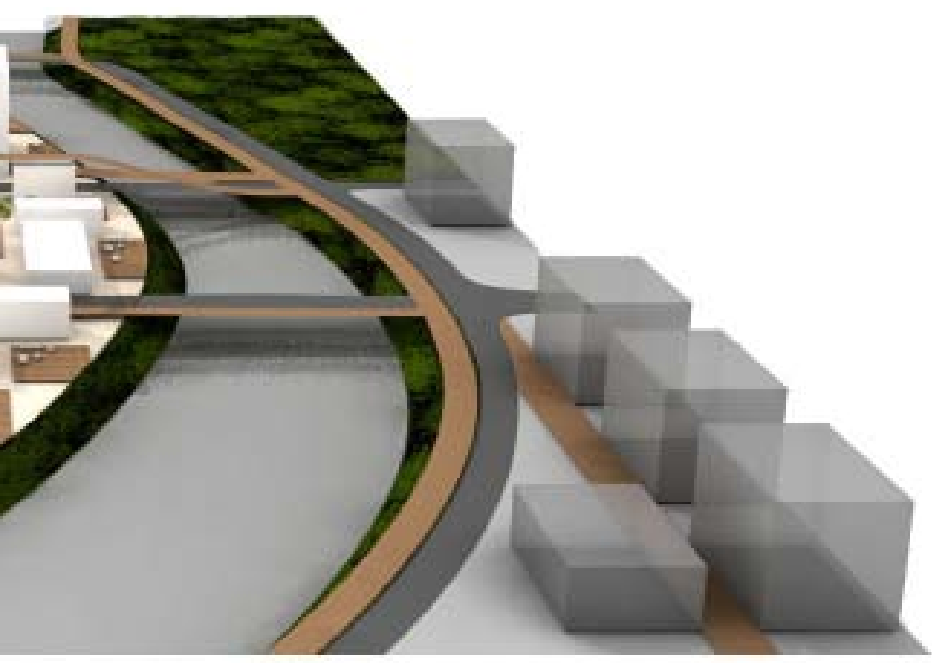
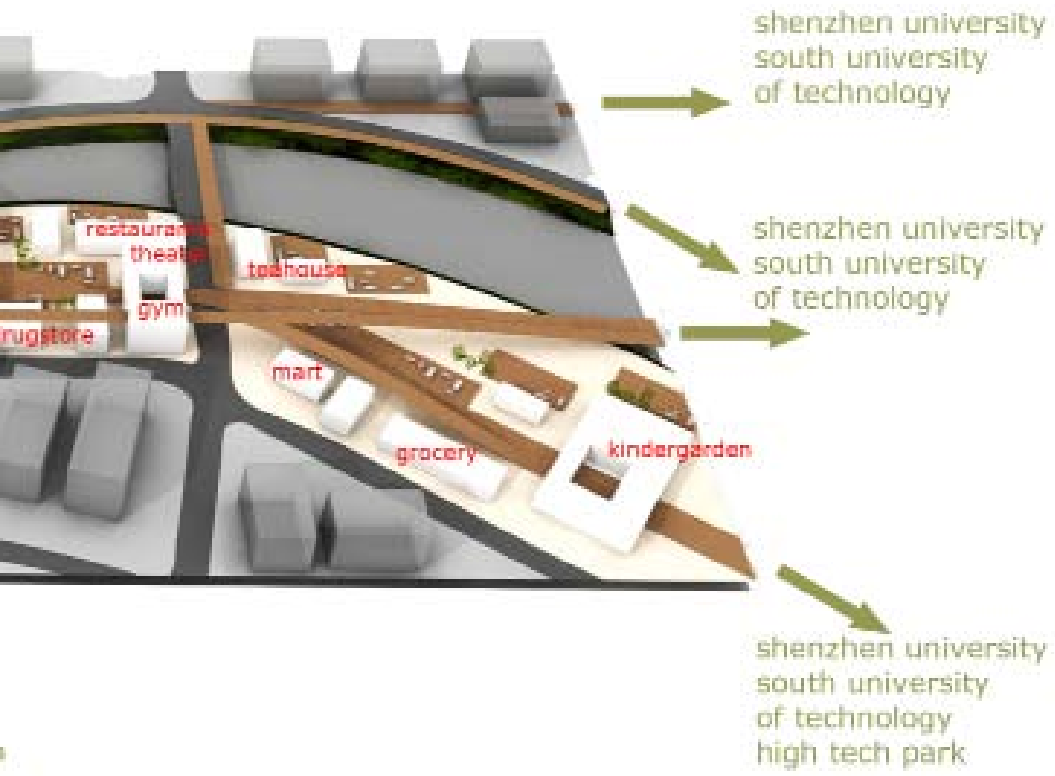


living area



shenzhen university  
south university of technology  
high tech park

shenzhen u  
south unive  
of technolo



交通分析 Traffic analysis

UP LAYER  
BIKE WAY

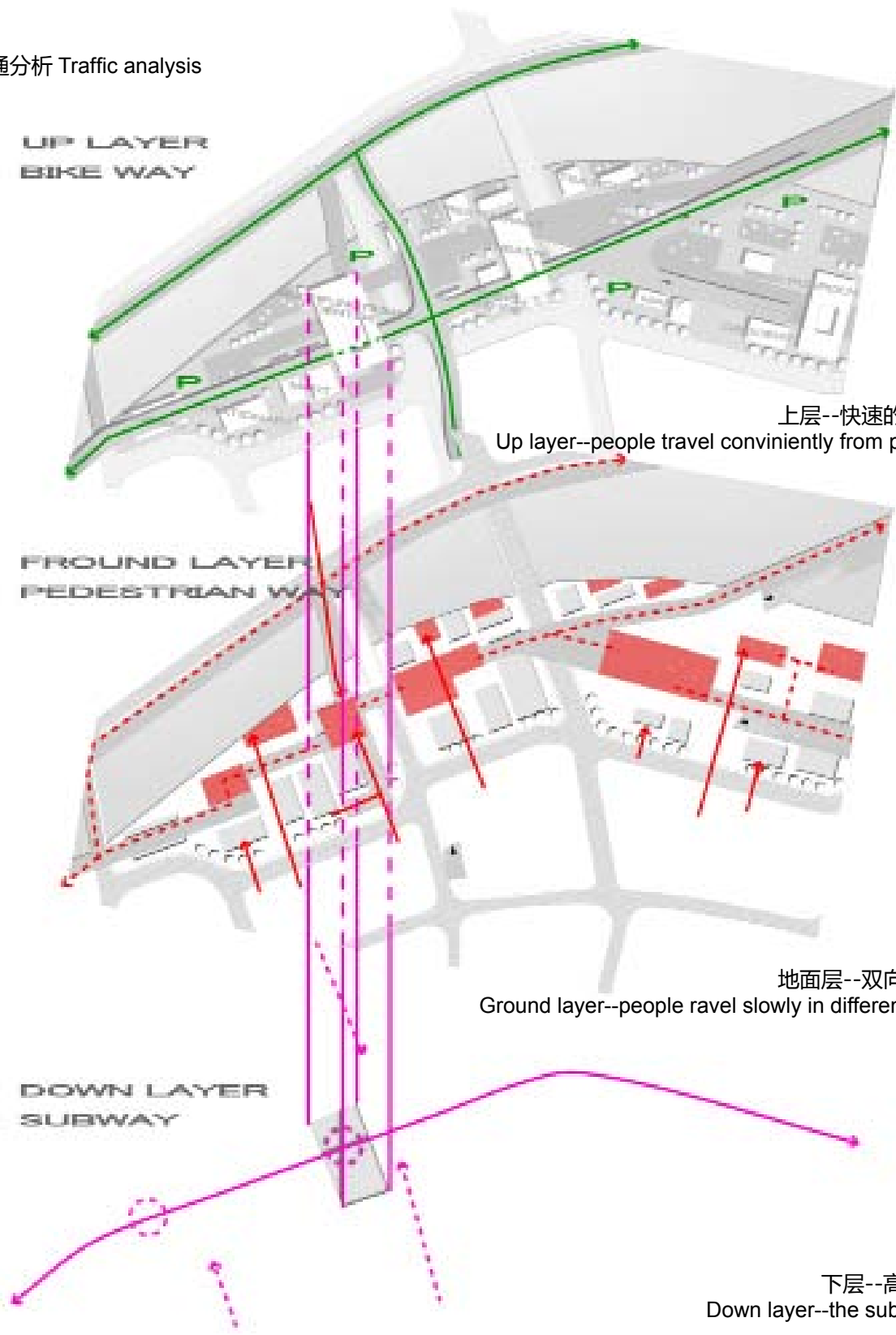
上层--快速的点对点交通  
Up layer--people travel conveniently from point to point

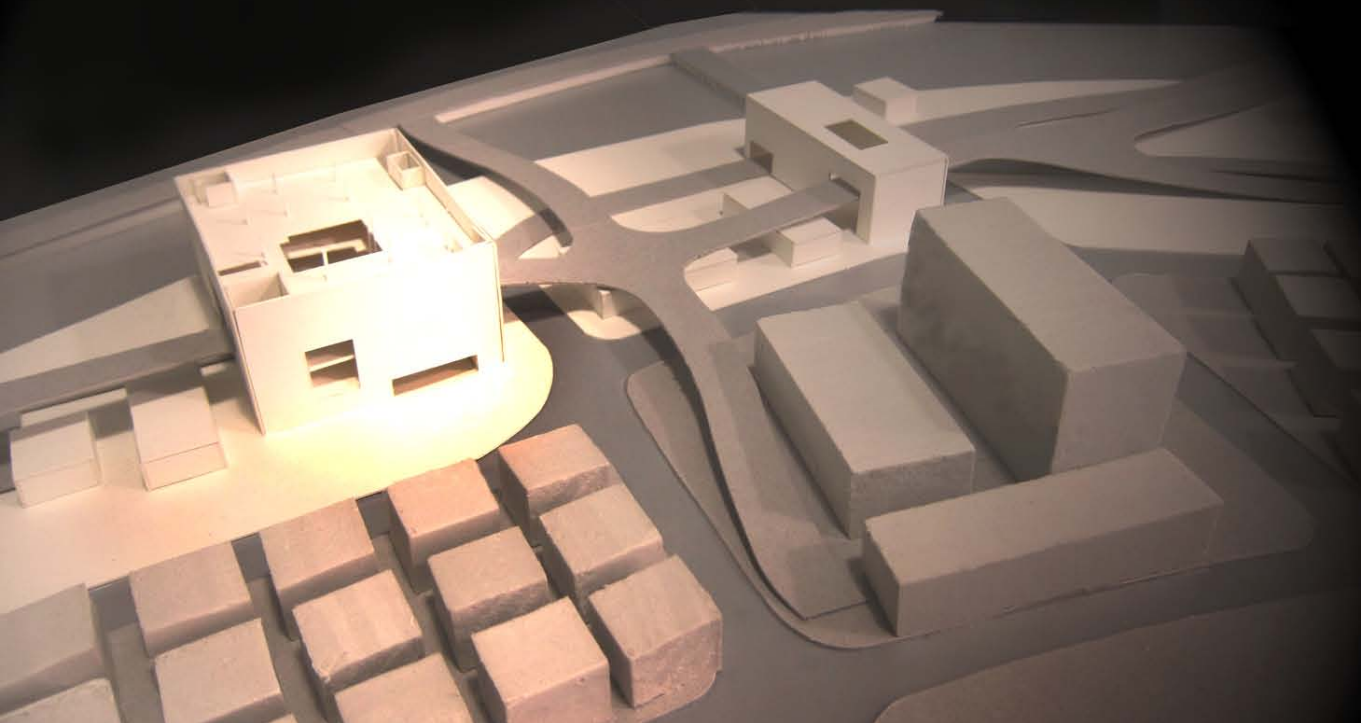
FROUND LAYER  
PEDESTRIAN WAY

地面层--双向的慢行交通  
Ground layer--people ravel slowly in different dimension

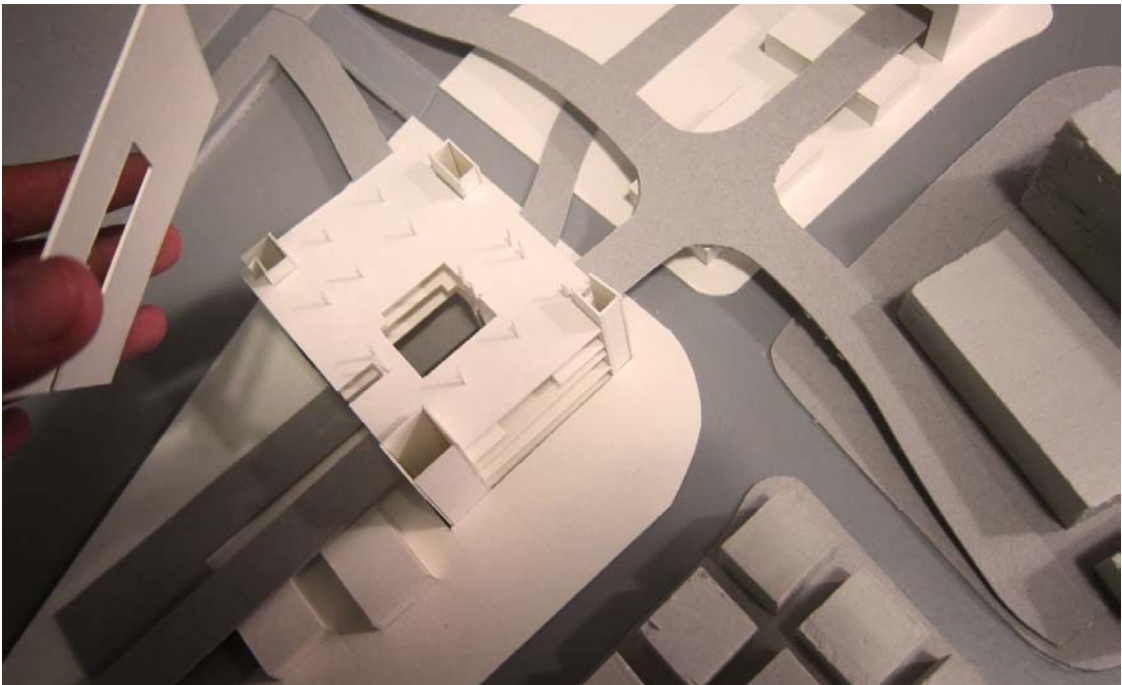
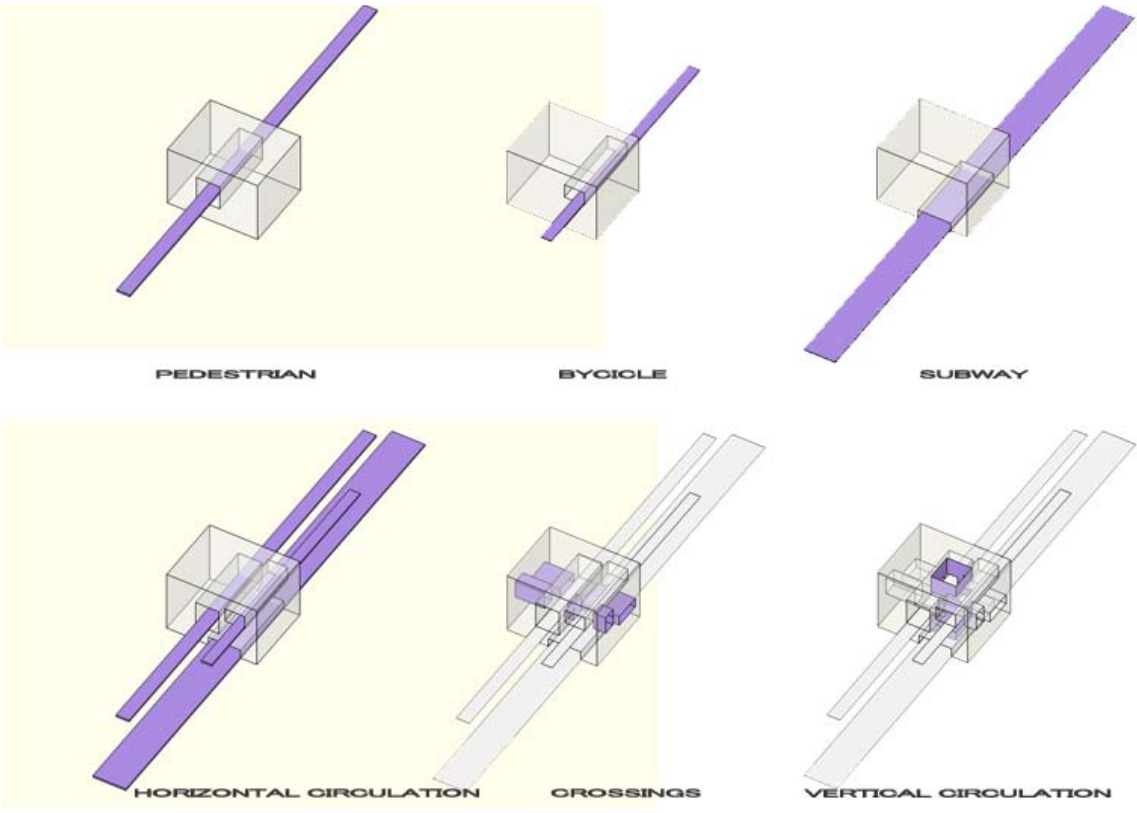
DOWN LAYER  
SUBWAY

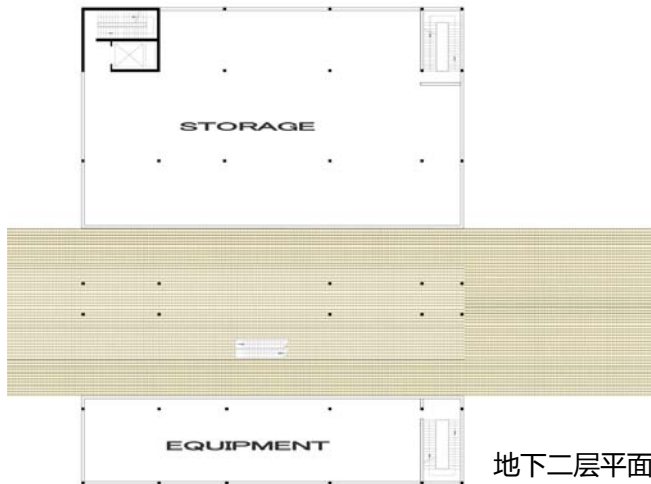
下层--高速地铁交通  
Down layer--the subway system



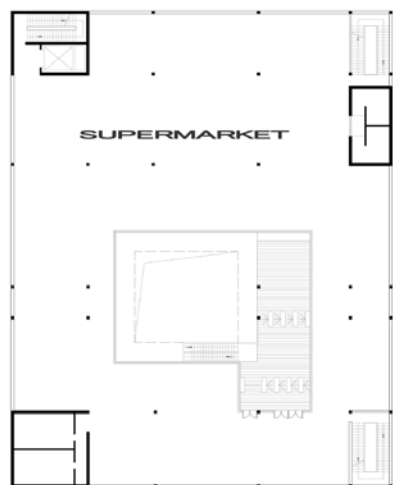


多功能中心 Multifunctional center

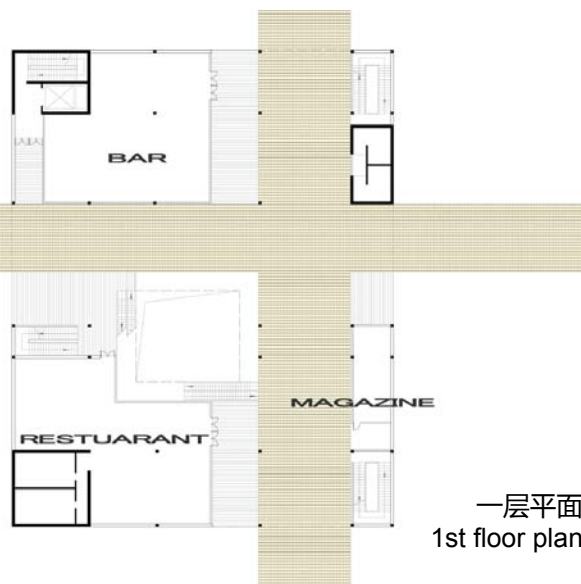




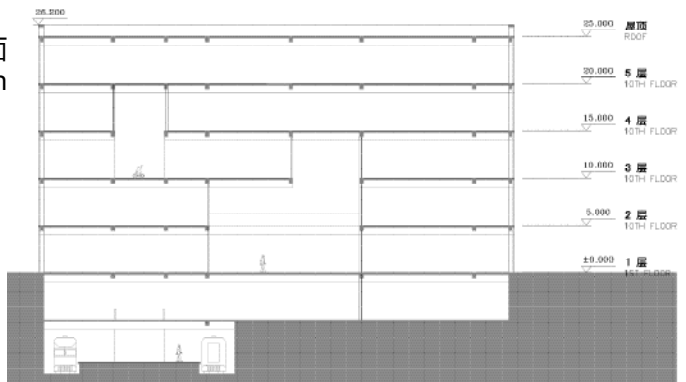
地下二层平面  
B2 floor plan



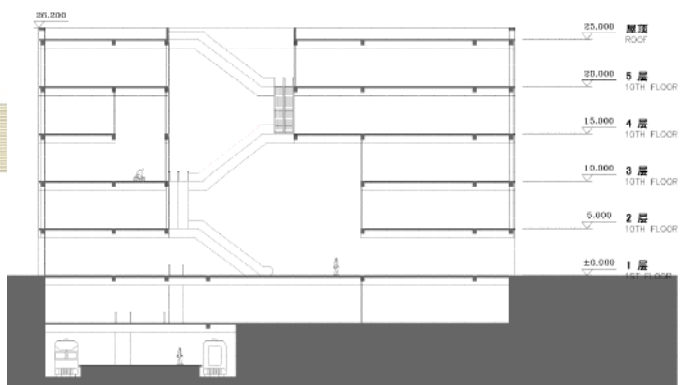
地下一层平面  
B1 floor plan



一层平面  
1st floor plan



剖面A-A  
Section A-A



剖面B-B  
Section B-B



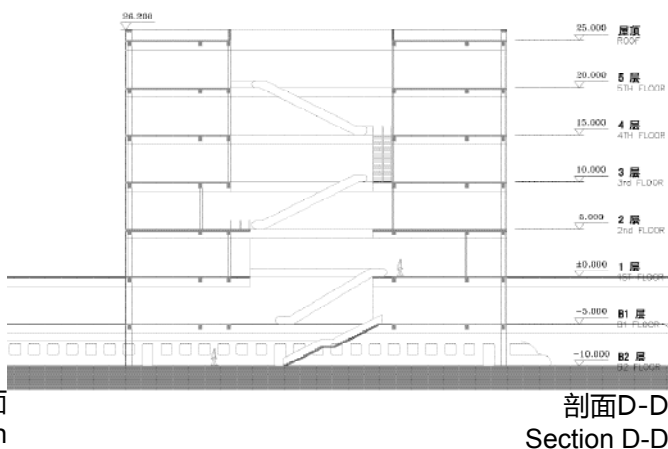
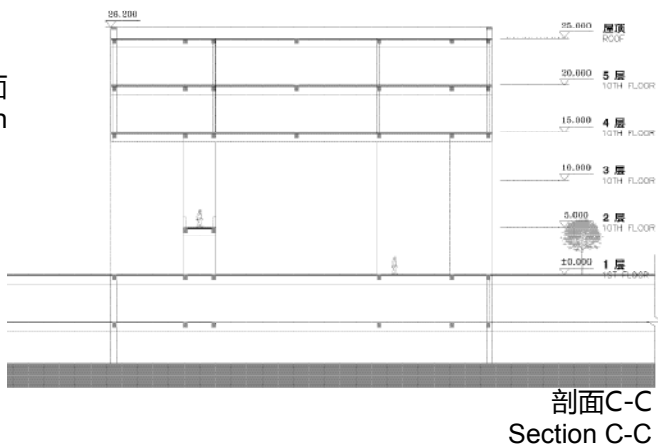
二层平面  
2nd floor plan



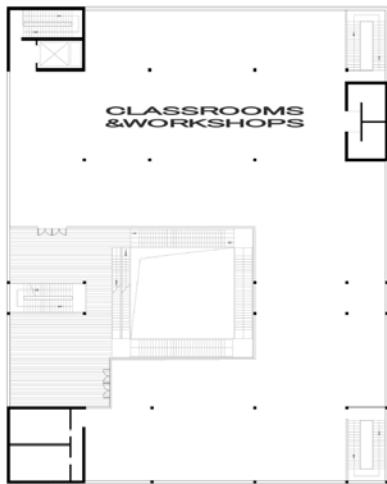
三层平面  
3rd floor plan



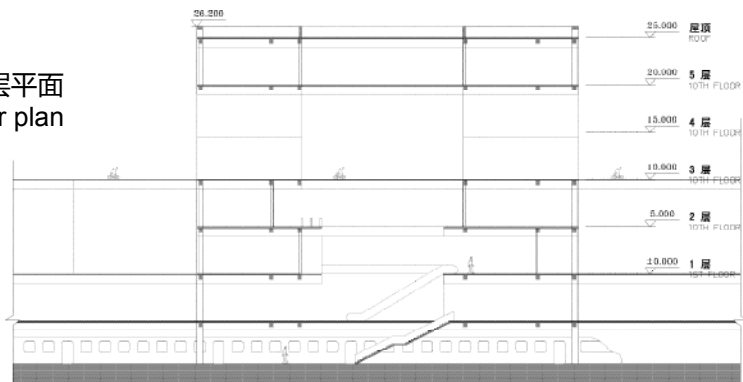
四层平面  
4th floor plan



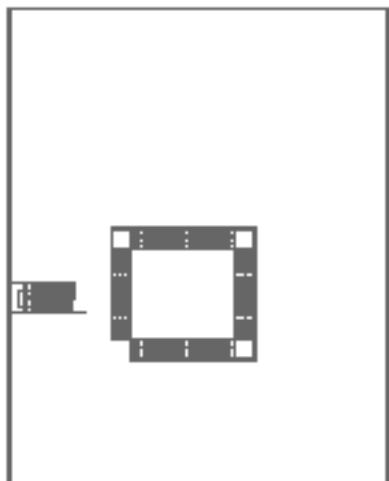




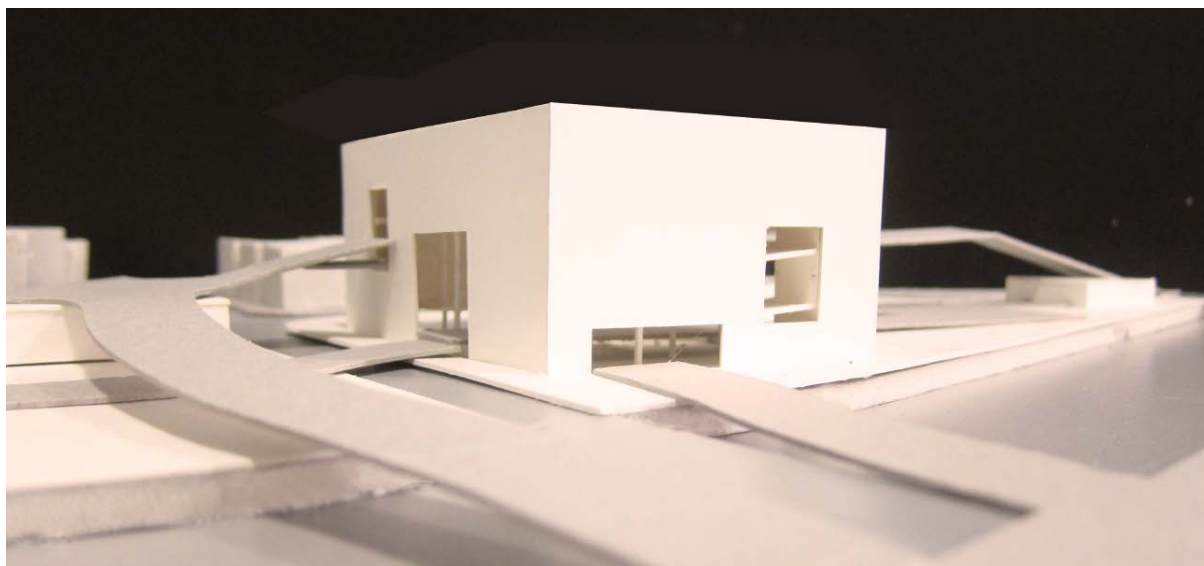
五层平面  
5th floor plan



剖面E-E  
Section E-E

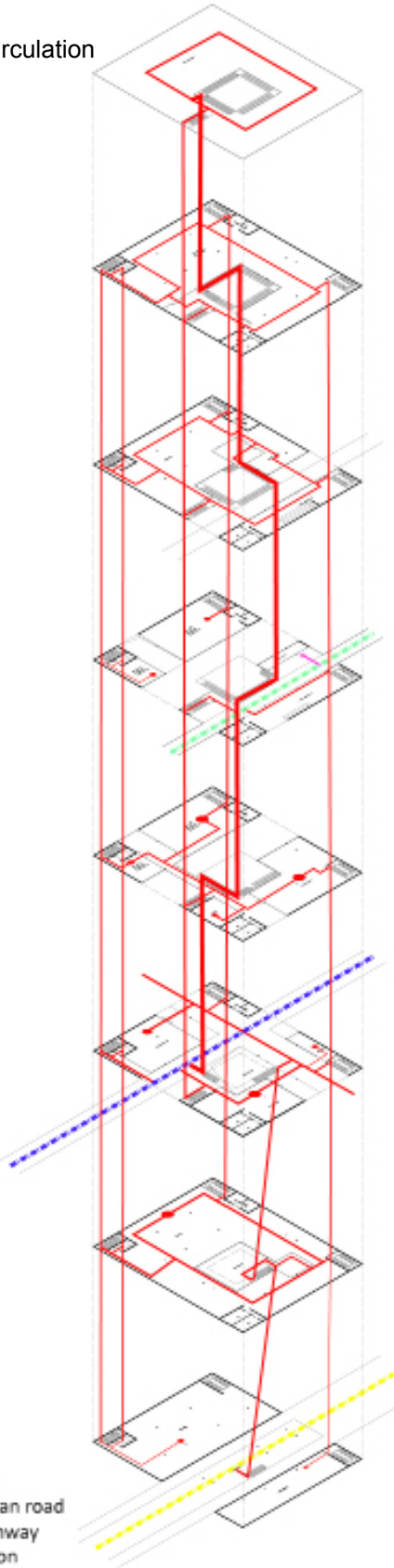


屋顶平面  
Roof plan

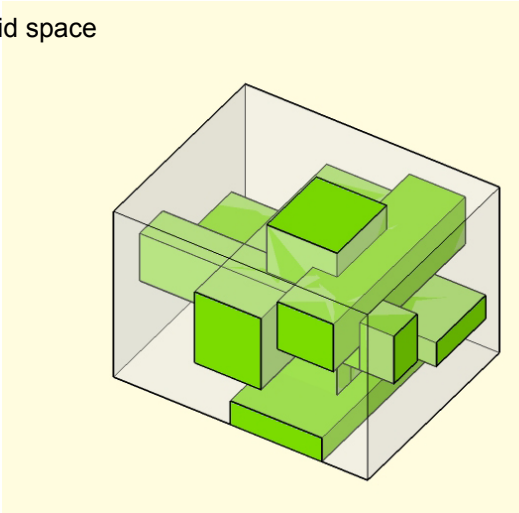




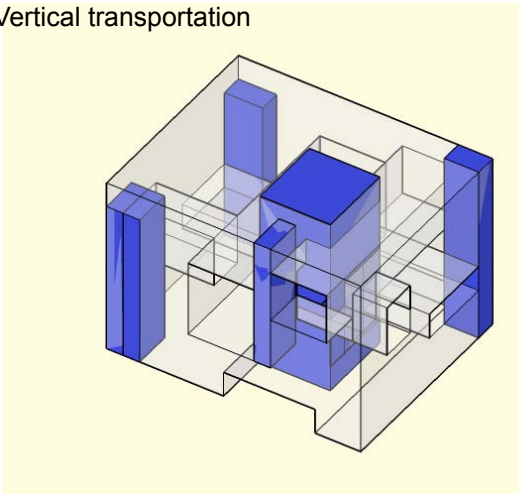
流线 Circulation



虚体空间 Void space

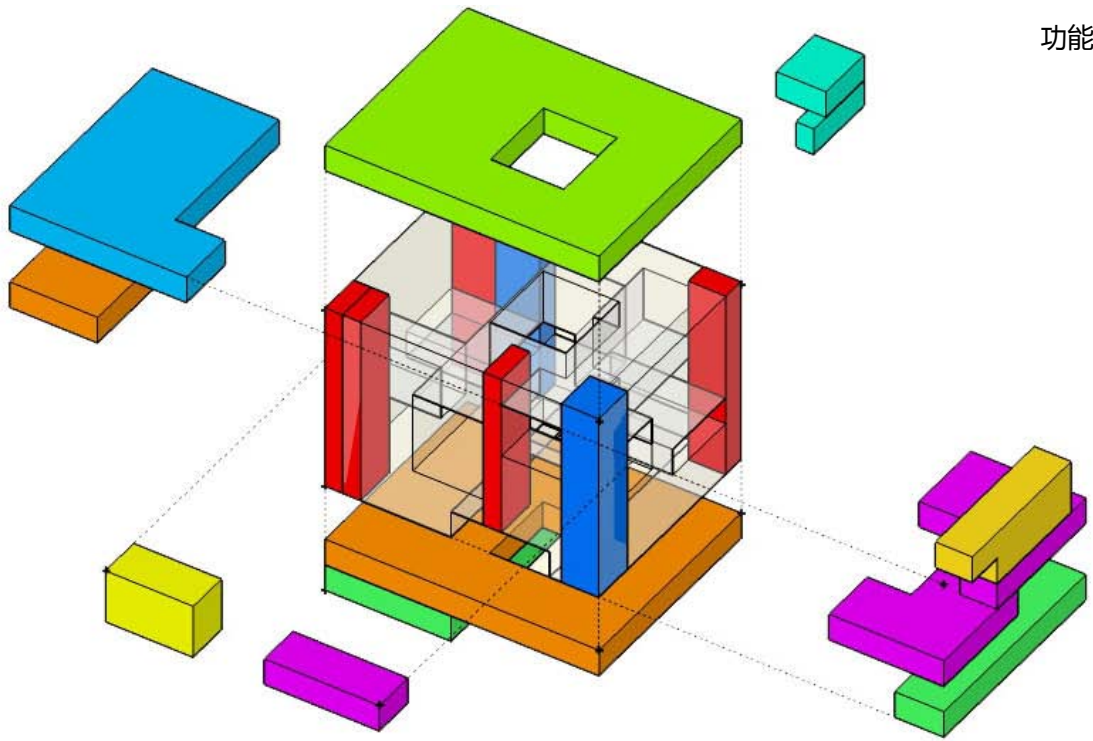


垂直交通核 Vertical transportation



- subway
- pedestrian road
- bike highway
- circulation

功能 Function



- vertical transportation
- toilets
- bike parking
- assistant area
- gallarie
- classrooms&workshops
- library
- restuarant
- daily nessacity
- stand-bys











附 录  
APPENDIX

## 合作单位/Cooperators

维也纳理工      Vienna Tech University

深圳大学      Shengzhen University

东南大学      SouthEast University

苏黎世联邦  
高等工业学院      Swiss Federal Institute of  
Technology,ETH Zurich

# 项目参与者名录/WORKSHOP MEMBERS

## 指导教师/TEACHERS



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Dean, School Of Architecture, TU



Prof.Mladen Jadric  
Associate professor  
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Jakob Dunkl  
Visiting professor of workshop



龚恺 教授  
Prof.Gong Kai  
Director, School Of Architecture, SEU



葛明 副教授  
Prof.Ge Ming  
Associate professor  
School Of Architecture  
SEU



洪勤 教授  
Prof.Hong Qin  
School Of Architecture  
SZU



宋向阳 高级工程师  
Senior engineer  
Song Xiangyang  
School Of Architecture  
SZU

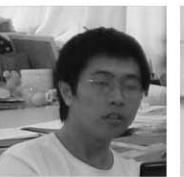


韩晓峰 博士  
Doc.Han Xiaofeng  
School Of Architecture  
SEU

## 第一组/TEAM 1



Domenica



倪偲/Nigei



刘轶/Jackson



刘驰/Lisa



张平星/Chery

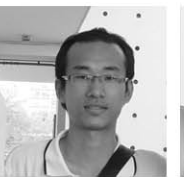


胡滨荪/Hu Binsun

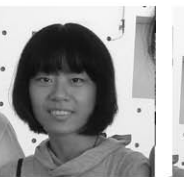
## 第二组/TEAM 2



Mike



吴玉华/Wu Yuhua



王一晰/Wang Yixi



辛兰/Xin Lan



闵欣/Min Xin



闫楠/Yan Lan



许文涛/Xu Wentao

## 第三组/TEAM 3



Mary



郑敏瑜/Zheng Minyu



杨毅/Yang Yi



余嘉/Yu Jia



李喜辉/Li Xihui



刘嵘/Liu Rong

## 第四组/TEAM 4



Kate



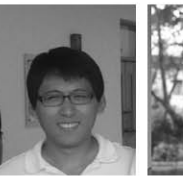
马琳/Ma Lin



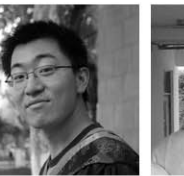
严子昌/Yan Zichang



孙宇/Sun Yu



王萍萍/Wang Pingping



王伟实/Wang Weishi

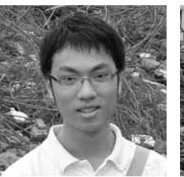


潘晖/Pan Hui

## 第五组/TEAM 5



Daniel



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周小晨/David



贾喆喆/Jia Jizhe



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贾若/Jia Ruo



