

01
Undergraduate Thesis

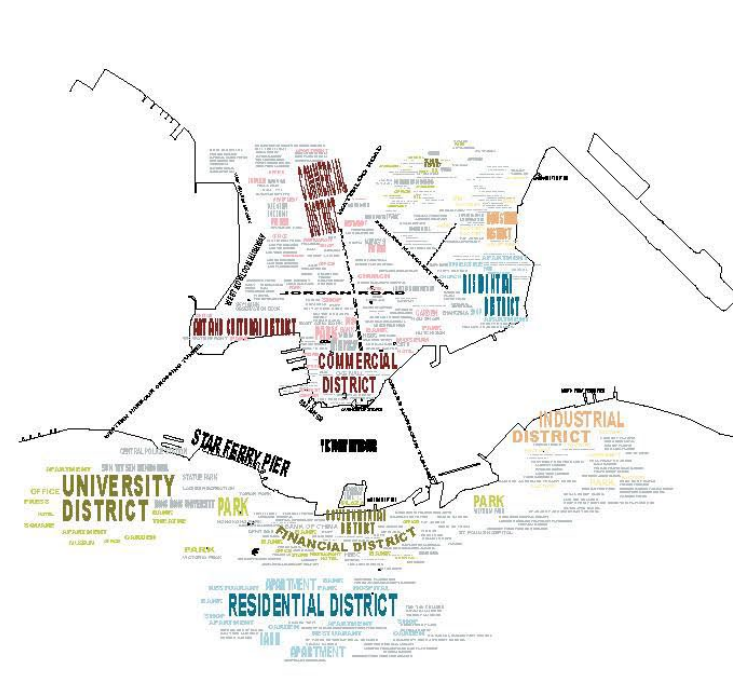
In a dense urban condition, a mixed-use building should not accentuate the formal presence of the building itself, but the environment that supports people's various activities. The form disappears as people circulate within the space. In other word, the building becomes city-like. To design such a building, I have analyzed urban conditions and methods that can inform and be paralleled in the architecture. The following are seven scale subjects that are engaged in this study:

- Topography – City – District – Building
- Programmatic Unit – Program Cluster – Room

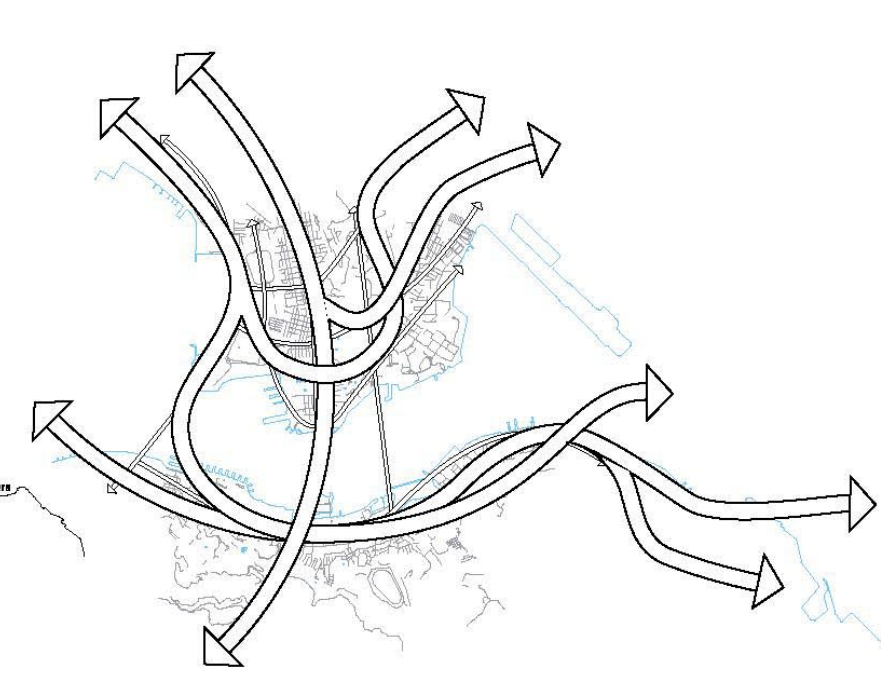
There is a comparable relationship between any two scale subjects, which is the relationship between context (larger scale) and occupant (smaller scale). There are three major aspects to this relationship: the property of occupant; the topology; the circulation. While the organization has algorithmically determined, the design of space is established according to the architects' knowledge and judgment.



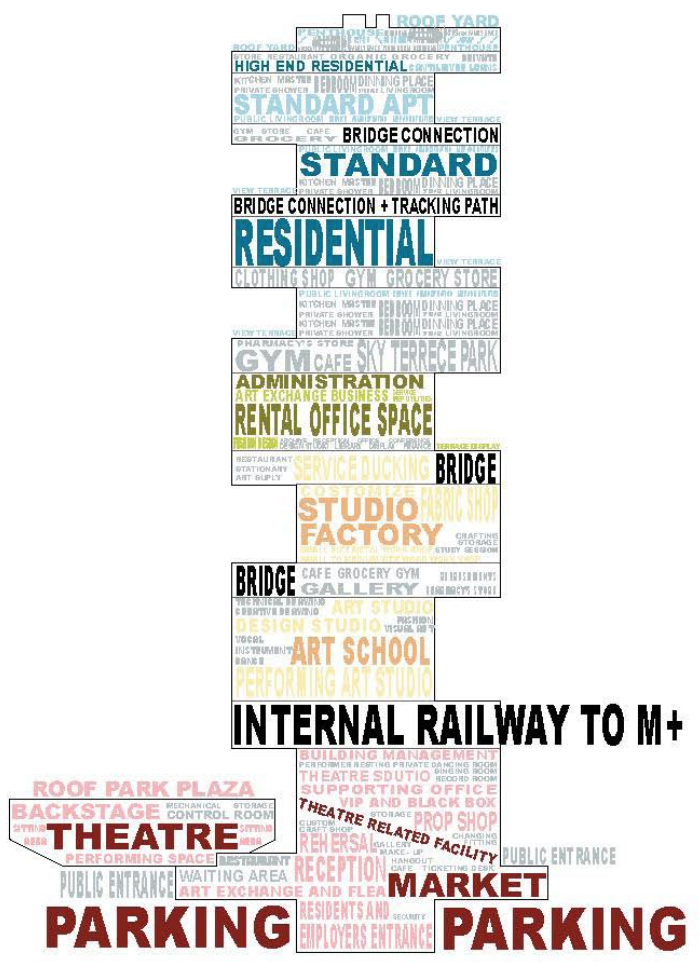
Program diagram



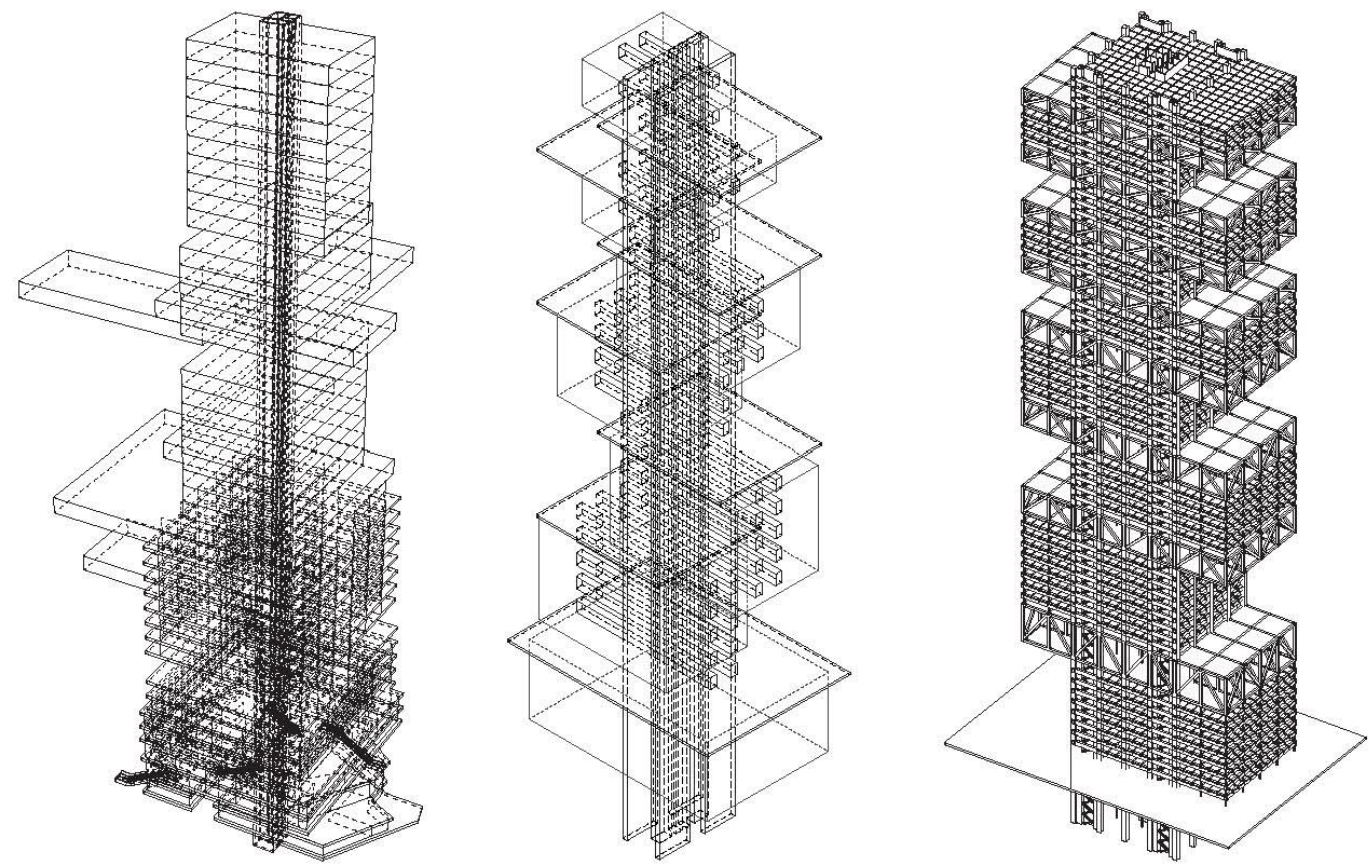
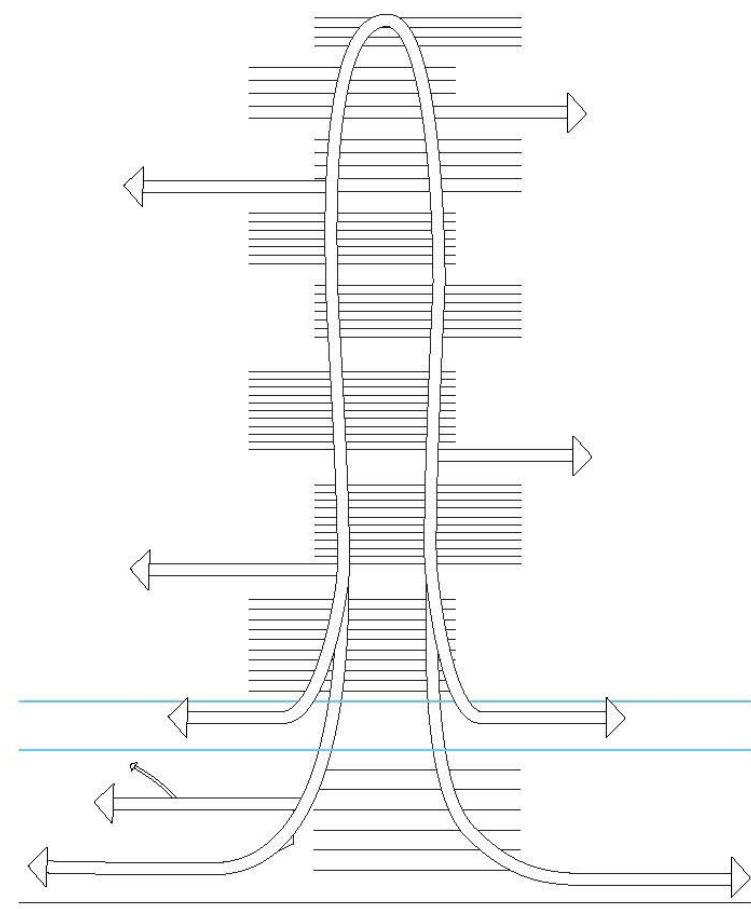
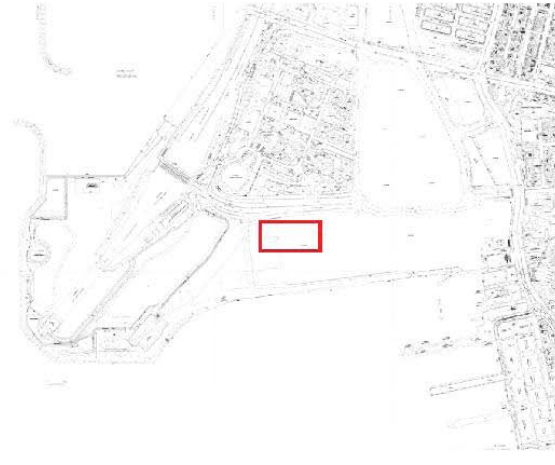
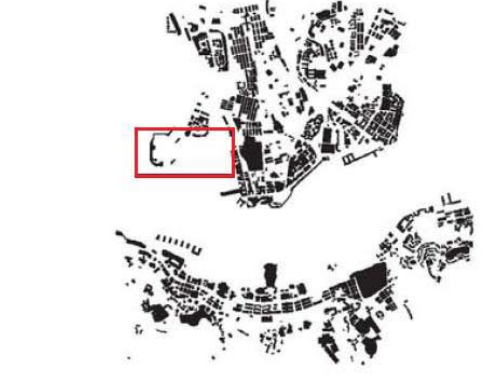
Circulation diagram



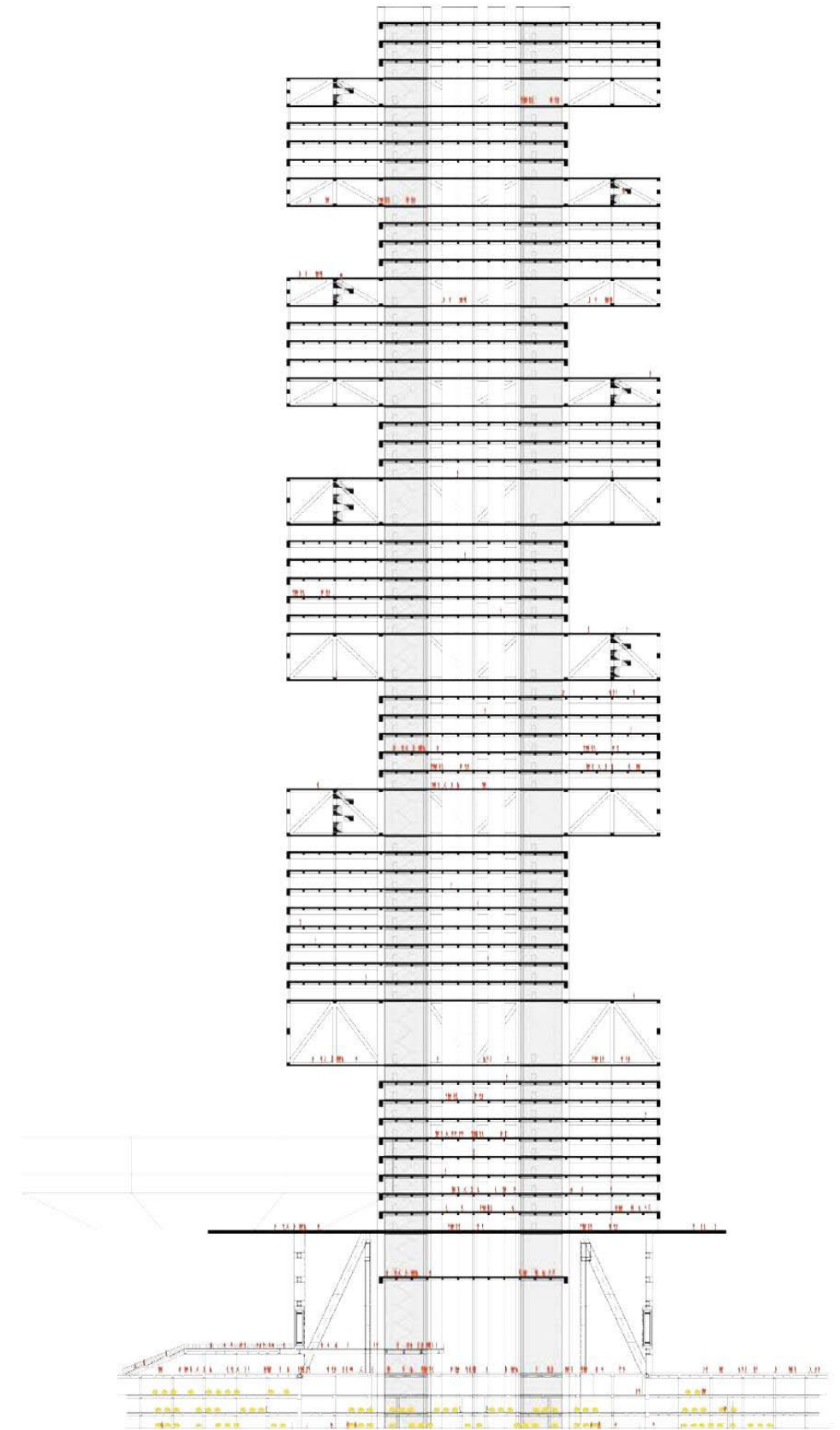
Hong Kong



Theatre complex

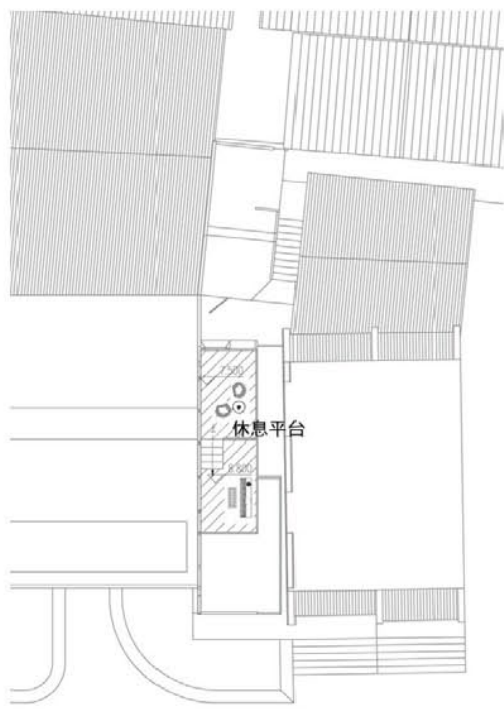


Context	Occupation
Topograph	City
City	Building
Building	Room
Room	Furniture

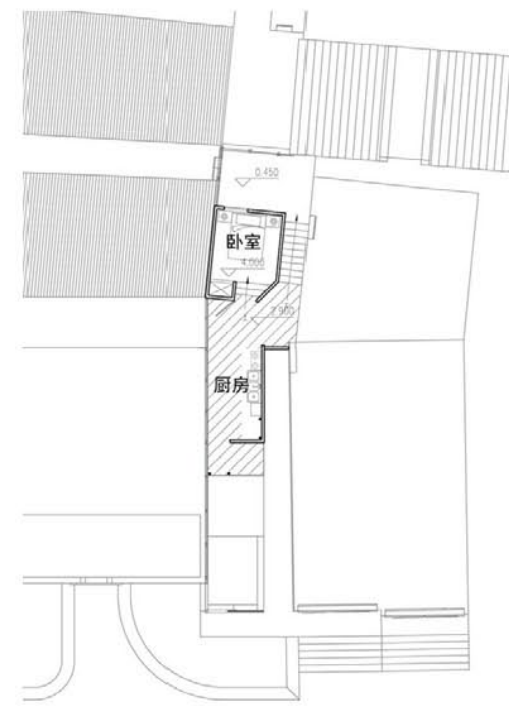


02
Wuhan Compact House
visiting program

The project is to design a small residential apartment based on group research of current Wuhan central riverside area. In stead of searching for a suitable location for a single house, the already dense but still growing population with lower incomes raises a more interesting question. Is there a compromise in between even only for temporary period? The solution here is to use the usual apartment plan as vertical section, and slide the apartment into narrow dead end corner.



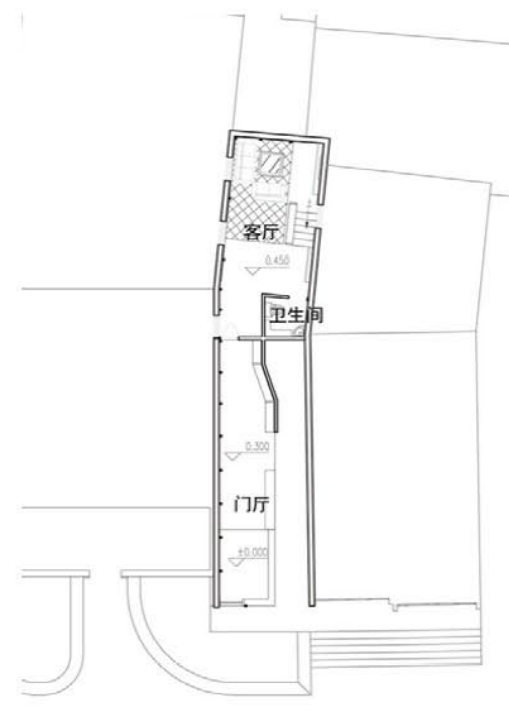
3rd floor



2nd floor



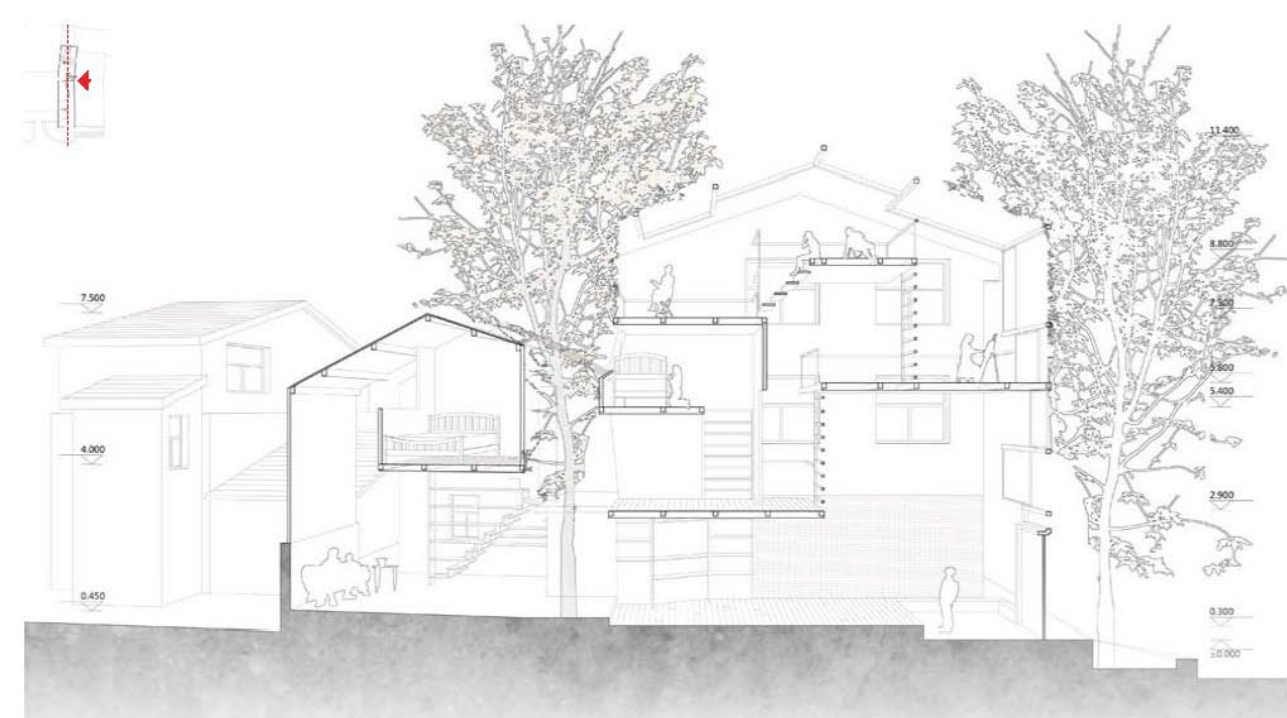
site plan



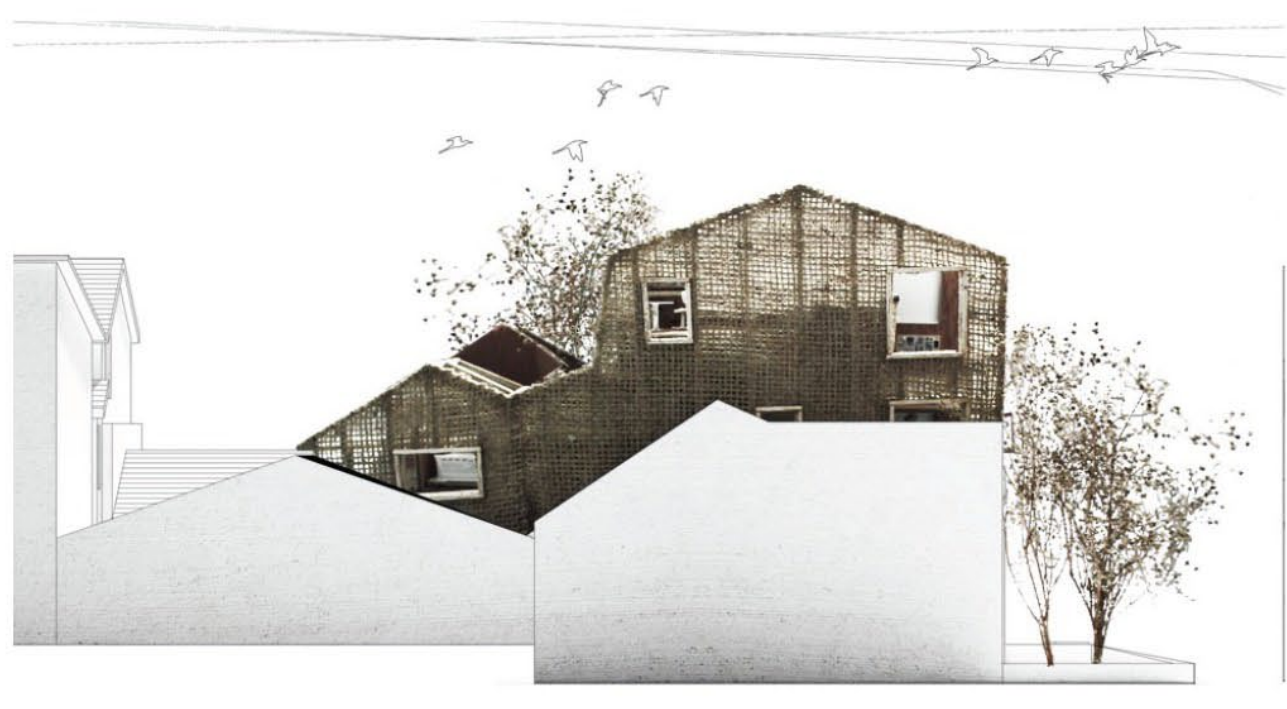
ground floor



model section



section



west elevation



south elevation

03

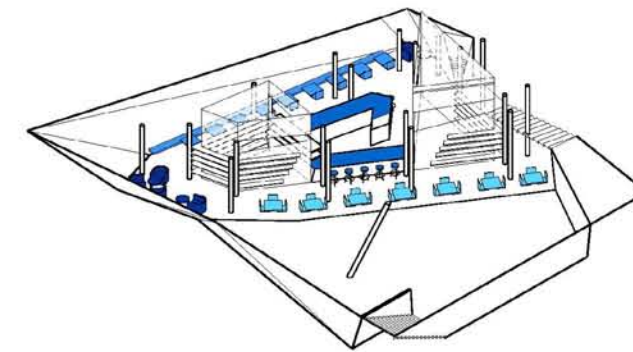
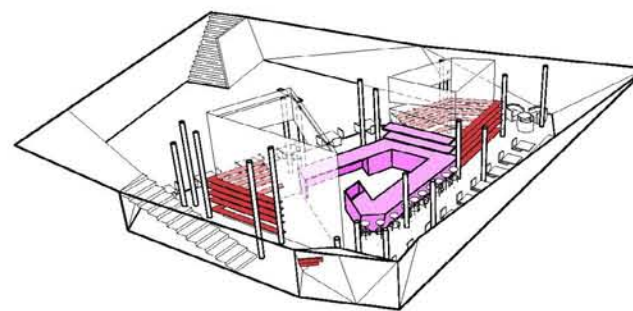
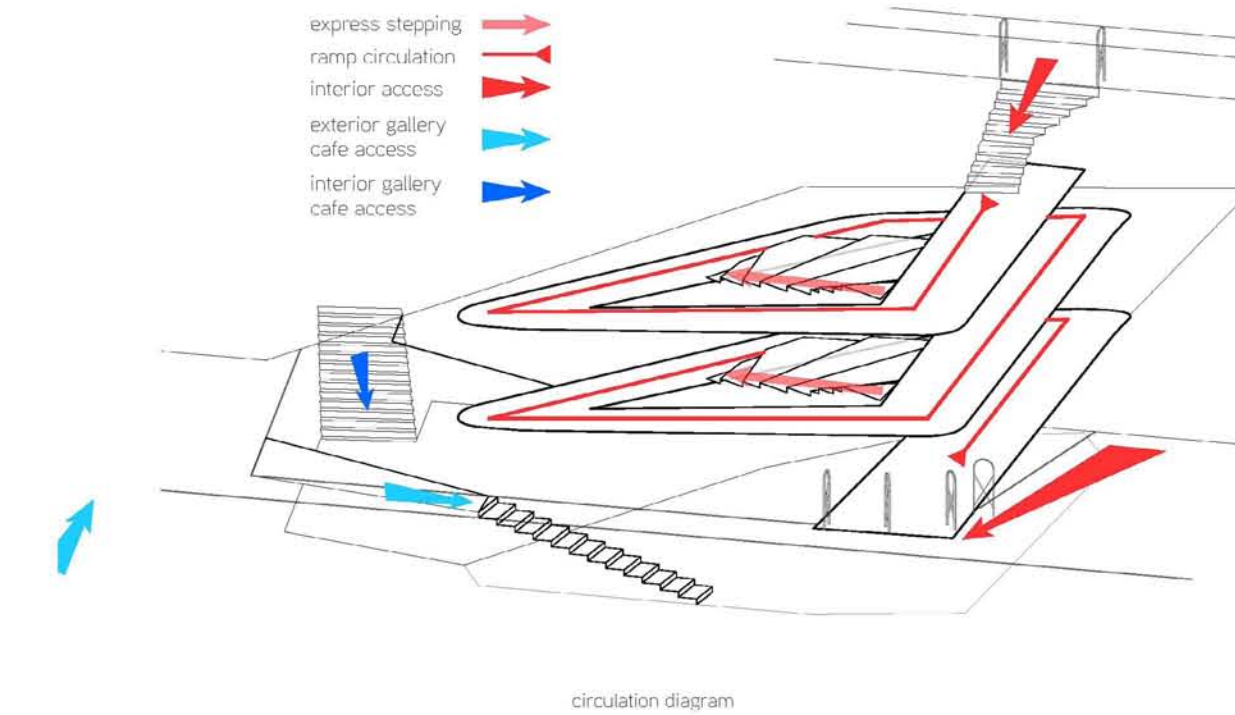
Event Space for Wenhua School of Architecture

Founded by a HUST alumnus who keeps a passion in architecture, the future WENHUA School of Architecture and Urban Design is sited on a current old factory. A renovation will soon take place, bringing a mixed-use building, meaning a hub for design major students and faculties, perhaps visitors with an interest in design. As both a symbol and commentary on the conditions of the new school, the making of a new facility has the potential to literally embody the fundamental principles of HUST architecture and urban planning department: NEWNESS; UNIQUENESS; INTEREST; LOGIC. It is the optimistic contention of the design that the building will provide revolution to the current teaching methods in China. The project is to design a studio for architecture, art and urban design students.

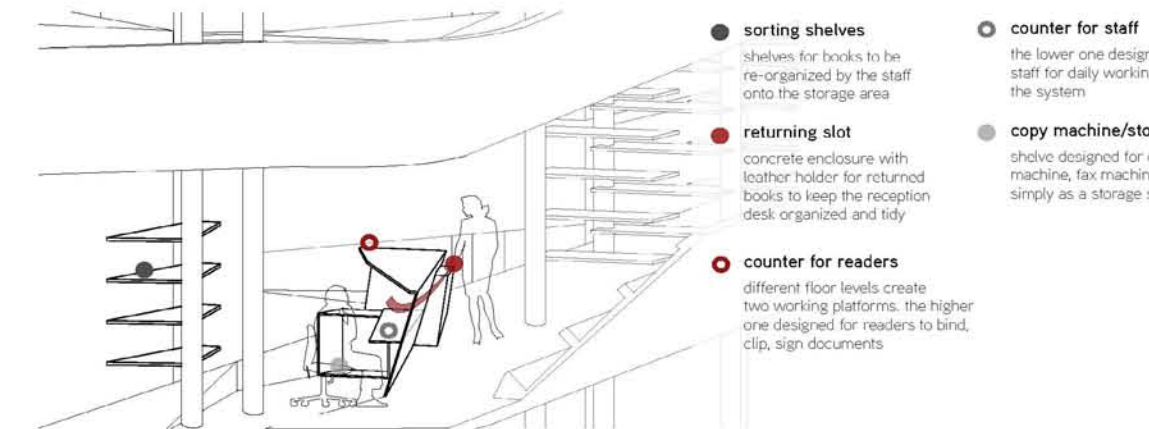
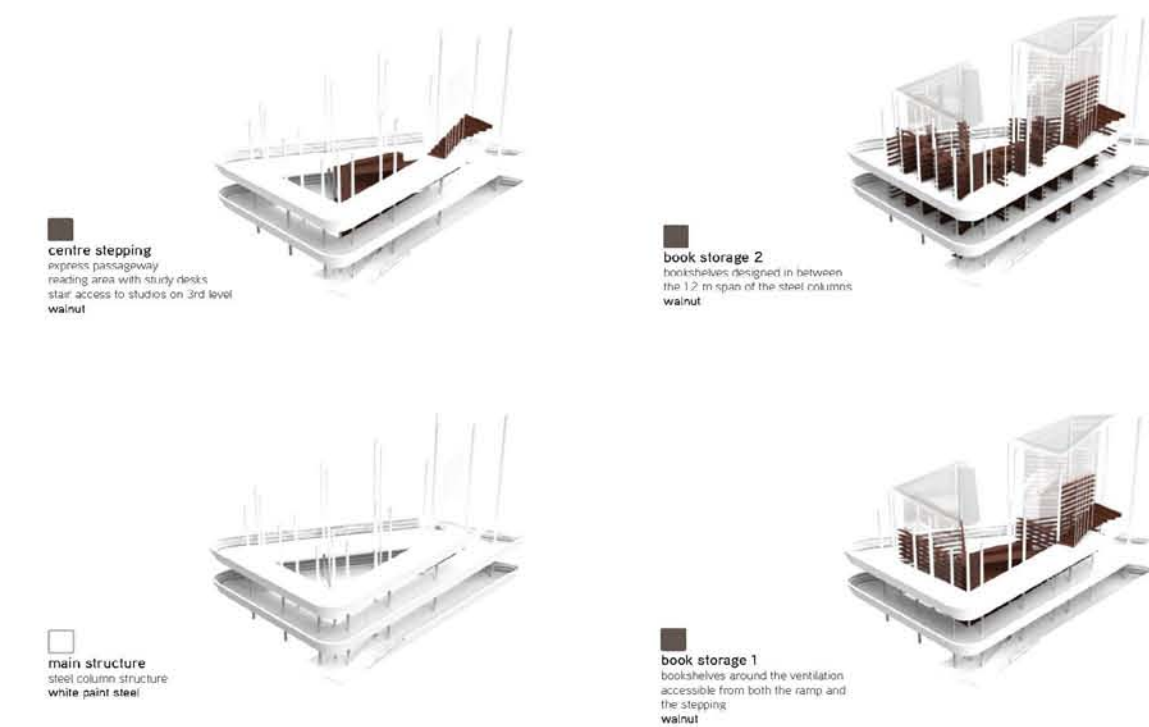
The initial ideas for the entire factory renovation were proposed by each of the 12 students. The group of two were assigned an area for detailed concept design. Our part consisted of a library, a sunken plaza and a cafe.

RAMP
In the making of a vertical independent system
A system to merge human activities into functionally one dimensional circulation facility.

With the variegated human activities based on its verticality, the event space breaks down the rigid paradigm of the building's existing horizontally, connecting the isolated teach/study events happening on the horizontal levels, thus rebuilding the overall environment to a well-welded interaction integration.



- bar/preparation**
 - the heart and center of the open cafe inserted in between the ventilation chimneys
 - large area of counter space ensures the variety of food provided the preparation of food is transparent, realizing the openness needed large storage space below the surface / build-in sink
- display**
 - built-in shelving around the ventilation chimneys display books and magazines for customers
 - the sculpture triangular niche for display event posters and promotion booklets is located at the end of the civilian entrance
- interaction/activity**
 - right next to the sunken plaza / exhibition room, more interactive compared to other seating zones
 - customers can enjoy the display while having a coffee and a conversation
- meal/study**
 - located at the back of the coffee house, away from the event vibes designed for formal meetings, also providing sufficient seatings for the purpose of study if the library is full
- drinks/quick grab**
 - the seatings around the bar are designed for customers looking for a quick snack and drink to go
- lounge/reading**
 - the lounge sofas in the corners provides relaxing leisure reading space also suitable for informal talks and gatherings



library management operation



library entrance



sunken plaza and cafe seating

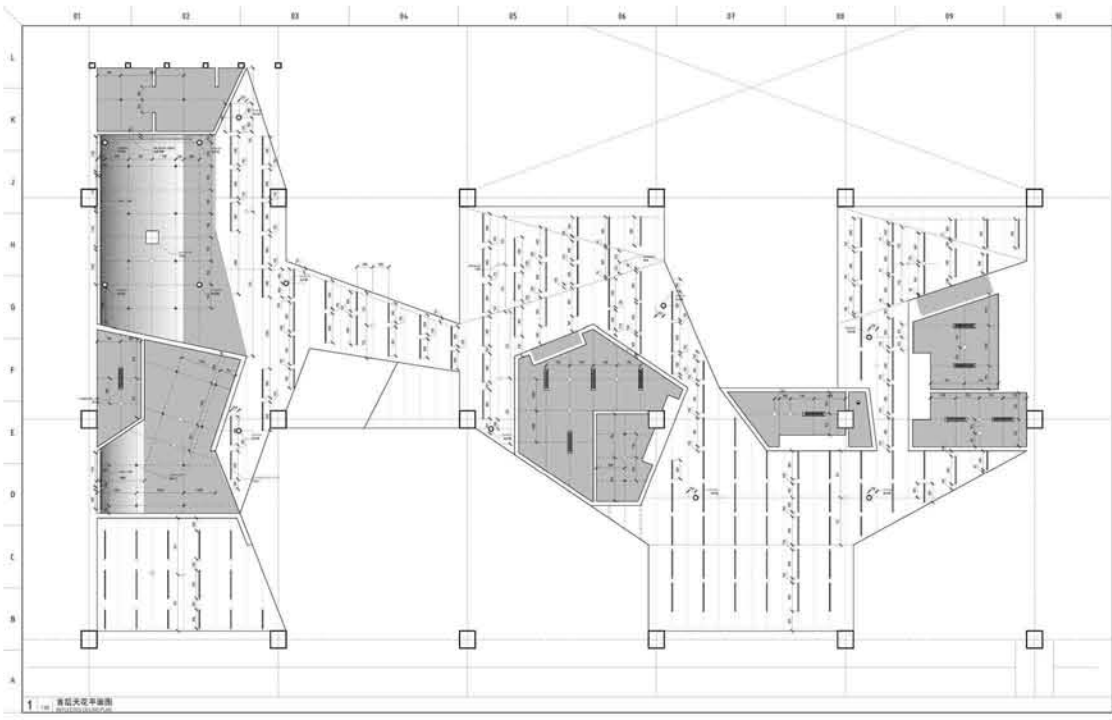
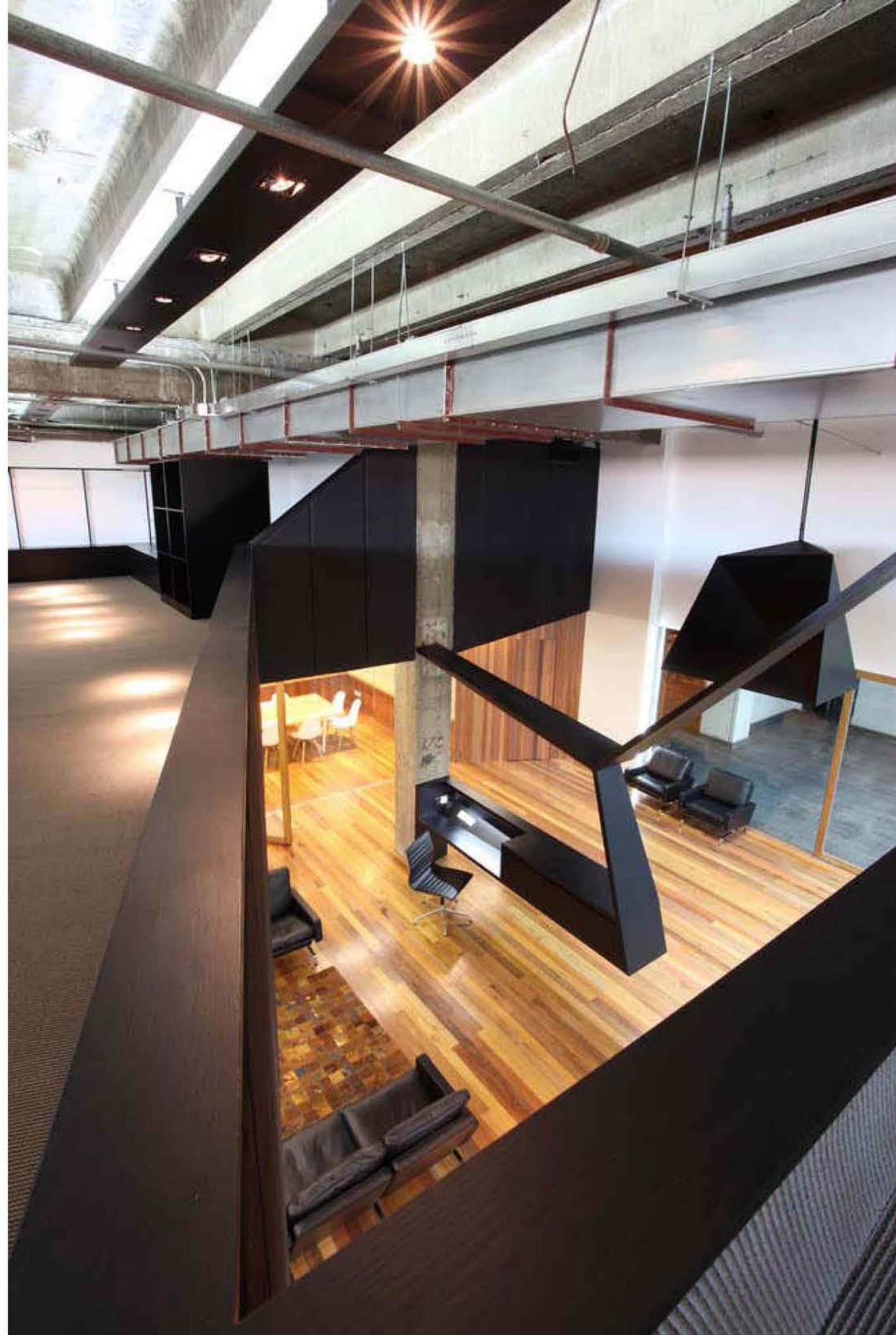
04
Black Gate One Head-
quarter

///byn studio internship

The original space was a bare industrial space in Shanghai downtown reconverted into a commercial building. Our unit has a floor area of 500m2 and a clear height of 6m what gave us the opportunity to build a mezzanine and add an extra 250m2. The program had to incorporate the central offices and showroom of a local high-end fashion brand. We decided to use the mezzanine as showroom and keep the ground floor for office use. The geometry of the mezzanine that is winding through the original structure shapes the distribution of programs underneath. My tasks are as following:

- Design**
- site visiting
 - client fashion brand research
 - furniture design research
 - architectural drawing amendments
 - code research
 - design related text translation

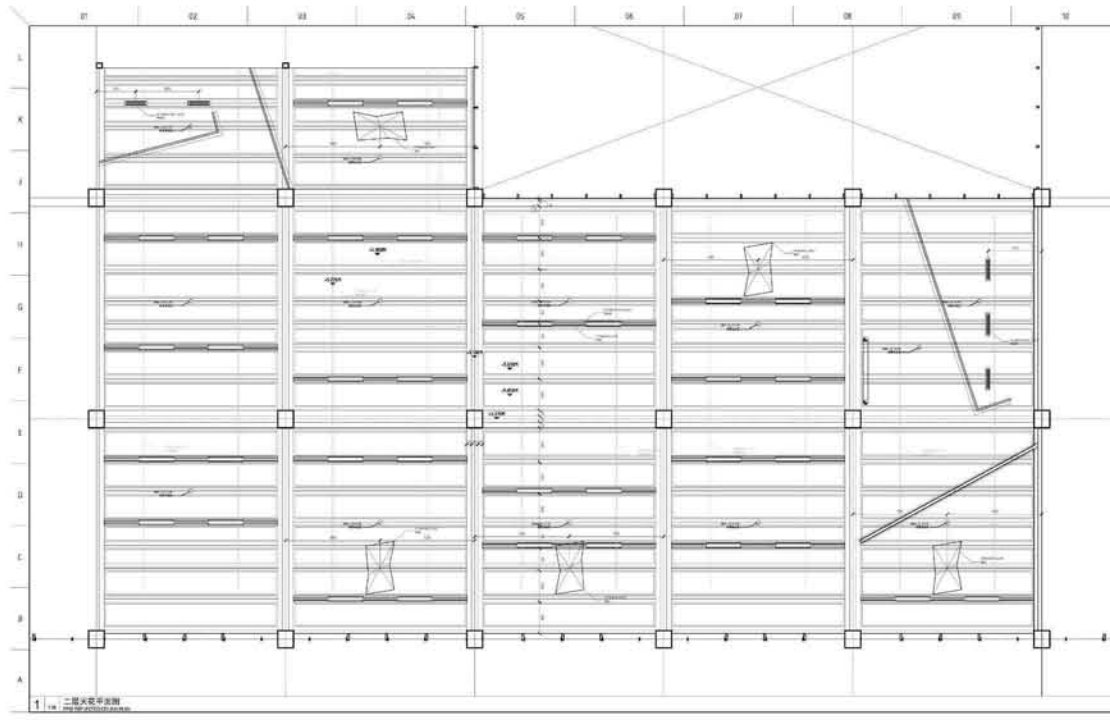
- Management**
- client / contractor contact
 - FF&E company research
 - FF&E price report chart
 - draft budget amendments report



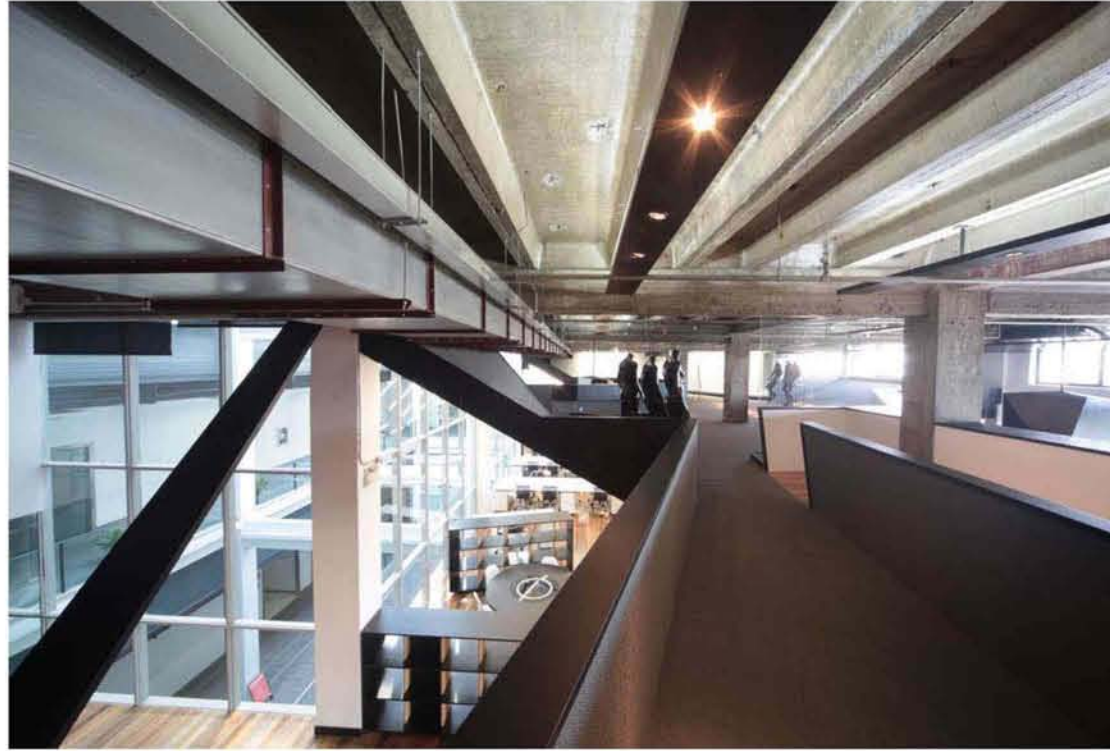
1st floor
reflected ceiling plan
lightings & fixtures



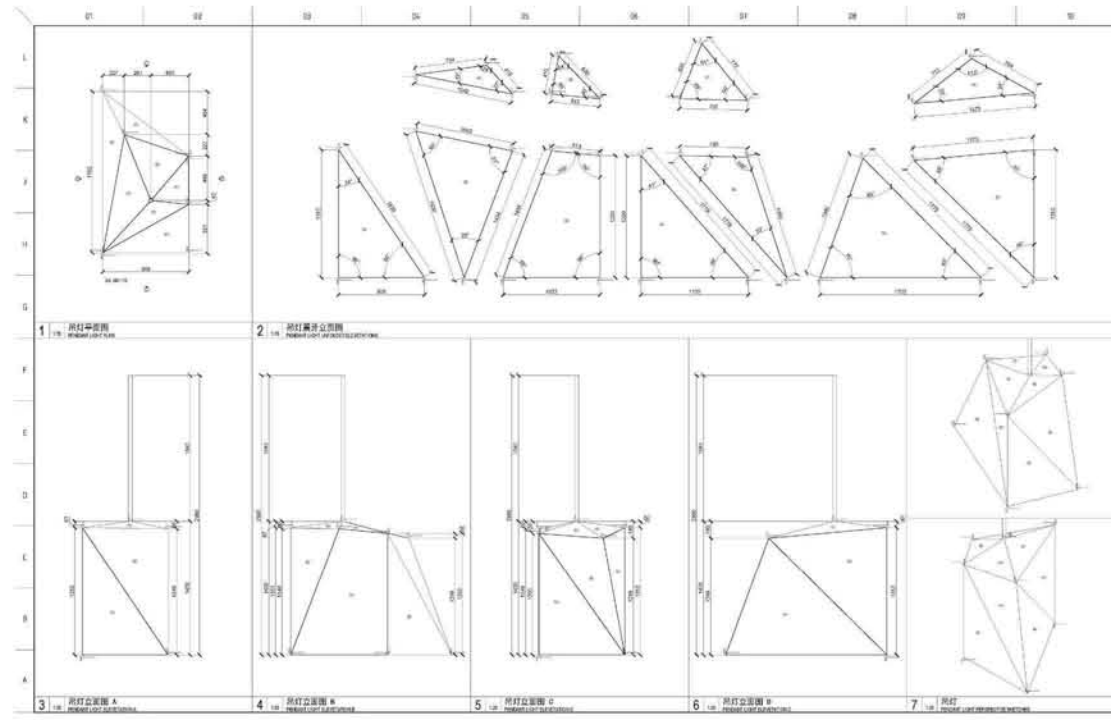
main floor
reception



2nd floor
reflected ceiling plan
lightings & fixtures



mezzanine
catwalk



ceiling lamp
schedule



major lighting
fixtures

05

Ordos Xi Yuan Day Care

///byn studio internship

Ordos as new rising city in inner Mongolia is expanding rapidly. Local government called for education building designs to compromise the increasing new Grasslands are the image and main identity of inner Mongolia, the traditions and the future are shaped within them. The grasslands are an infinite space where nature and life interweave. Grasslands are soft, wavy, rounded, textured, colourful, natural, brown, green, but amongst everything infinite.

Our building grows from the soil of the inner Mongolian grasslands, into a curvy endless loop. The architecture dialogues with the city bringing back the nature to it. The building gets shaped by the winds and the water rounding its edges as if it always had been part of the soil of the inner Mongolian grasslands.

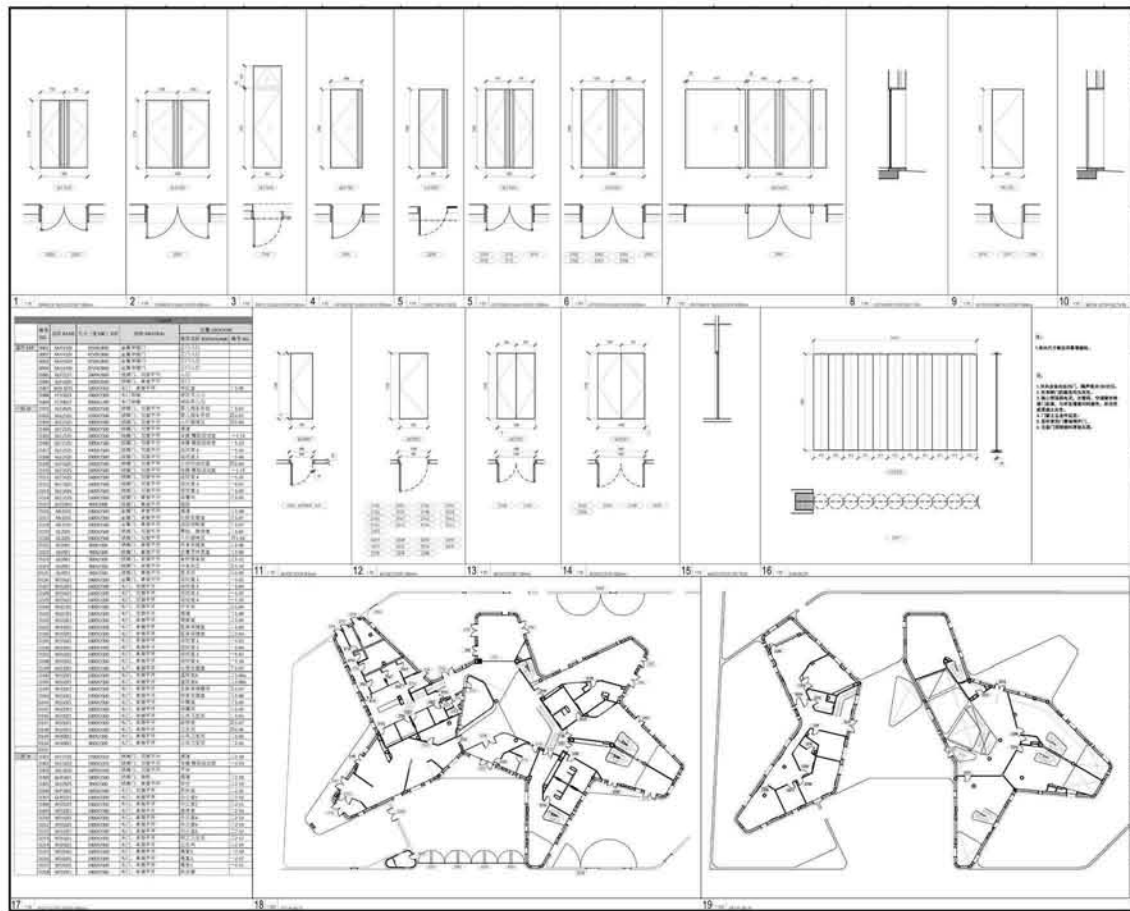
My tasks are as following:

Design

site visiting
precedent day care visiting / research
architectural drawing set template
draft site master plan
most window / door schedule
partial floor / wall detail schedule
code research
design related text translation
playground equipment research

Management

client / LDI contact
draft agreement translation
meeting interpreter
FF&E company research



door schedule

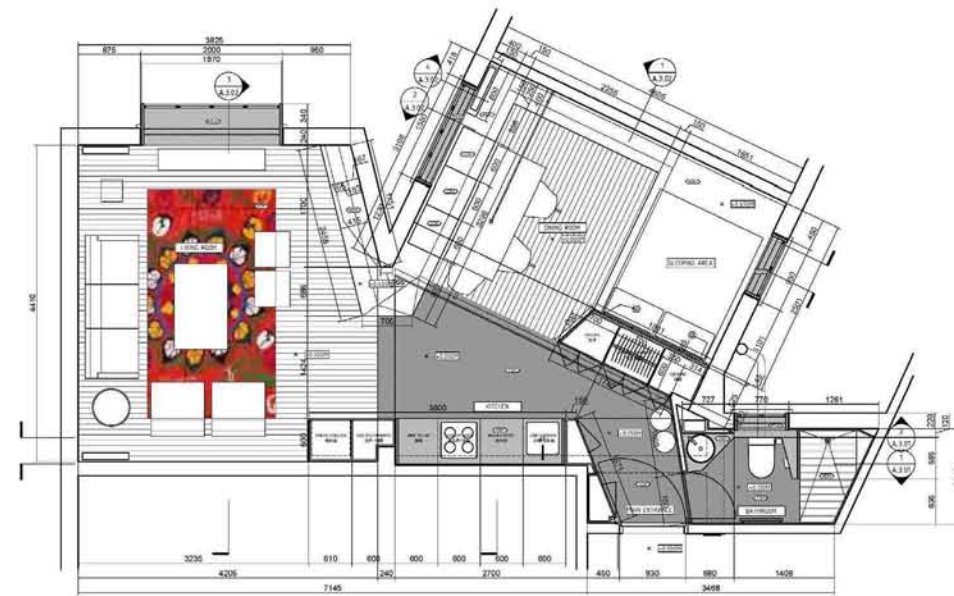
06

Henghan Apartment

///byn studio internship



Living room rendering



Floor plan

AREA	PROVIDER	PRODUCT	PRODUCT INFO	UNIT PRICE (RMB)	UNIT AMOUNT	TOTAL PRICE (RMB)
BATHROOM APPLIANCES & FIXTURES	HANSGRABER	Grid faucet	model #10000000	4,200.00	1	4,200.00
		Over head	shower #20000000	4,200.00	1	4,200.00
		Wall water	#07460000	274.00	1	274.00
		Shower head set	#07500000	1,167.00	1	1,167.00
		Control panel	#07200000	3,154.00	1	3,154.00
		Shower wall valve	#05000000	160.00	1	160.00
		Control panel accessories	#05000000	450.00	1	450.00
		Shower head	#05000000	110.00	1	110.00
		Shower head	1200P 05 shower	400.00	1	400.00
		Shower head	1200P 05 shower	400.00	1	400.00
KITCHEN APPLIANCES & FIXTURES	HANSGRABER	Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
LIGHTING	HANSGRABER	Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
RADIATORS	HANSGRABER	Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
		Shower head	#05000000	1,400.00	1	1,400.00
SUBTOTAL				100.00	1	100.00
MANAGEMENT				100.00	1	100.00
TOTAL				200.00	2	200.00

FF&E chart
section

07

DongFang Hair Salon

///byn studio internship



Working space rendering



Working space photo



Working space
photo

Projects

academic

2013 fall - 2014 spring
professor Hilary BRYON
thesis - macro / micro

2013 spring visiting Program

Huazhong University of Science and Technology
professor LIU Xiaohu
wuhan local apartment

2012 spring - 2011 fall

professor Robert HOLTON
roanoke bus terminal
bus stop collage
htm/am culture center
portable dynamic enclosure
temporary permanent

2011 spring - 2010 fall

professor Clive VORSTER
tanzania research shelter
chair "lightness"
college avenue renovation
light photography and object
chapel by lake

2010 summer i - 2010 summer ii

professor Kathryn ALBRIGHT
professor Jim BASSETT
professor Andrew BALSTER
cubic interactive
clifhaus + landscape creation
natural and artificial pattern
color wave

professional

may 2012 - aug 2012

///byn architecture studio

Bittor SANCHEZ-MONASTERIO

Nicolas SALTO DEL GIORGIO

bgo headquarter *shanghai*
hengshan apartment *shanghai*
dongfang hair salon *shanghai*
dongqing kindergarten *ordos*
xiyuan kindergarten *ordos*
jingshan kindergarten *ordos*
museum/unviel *ordos*

sep 2012 - dec 2012

team director LIU Xiaohu
wenhua school of architecture