



PORTFOLIO

JINGHONG LI

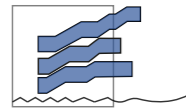
SELECTED WORK 2014-2018

CONTENT

PROJECTS

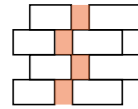
01 RISING TIDES ----- 1

Museum Y4 Academic Project Individual Work



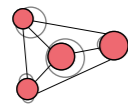
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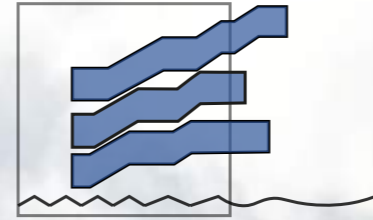
Conceptual Mapping Y4 Individual Work

PORTOFORLIO COVERS--MOONSUN SUNMOON

Photogarphy and Digital Merge Y3 Individual Work

A Photo took through windows in UOL architectural studio.

01 RISING TIDES



MUSEUM LIVERPOOL-UK BA 3--2017.09-2017.12

ACADEMIC PROJECT INDIVIDUAL WORK

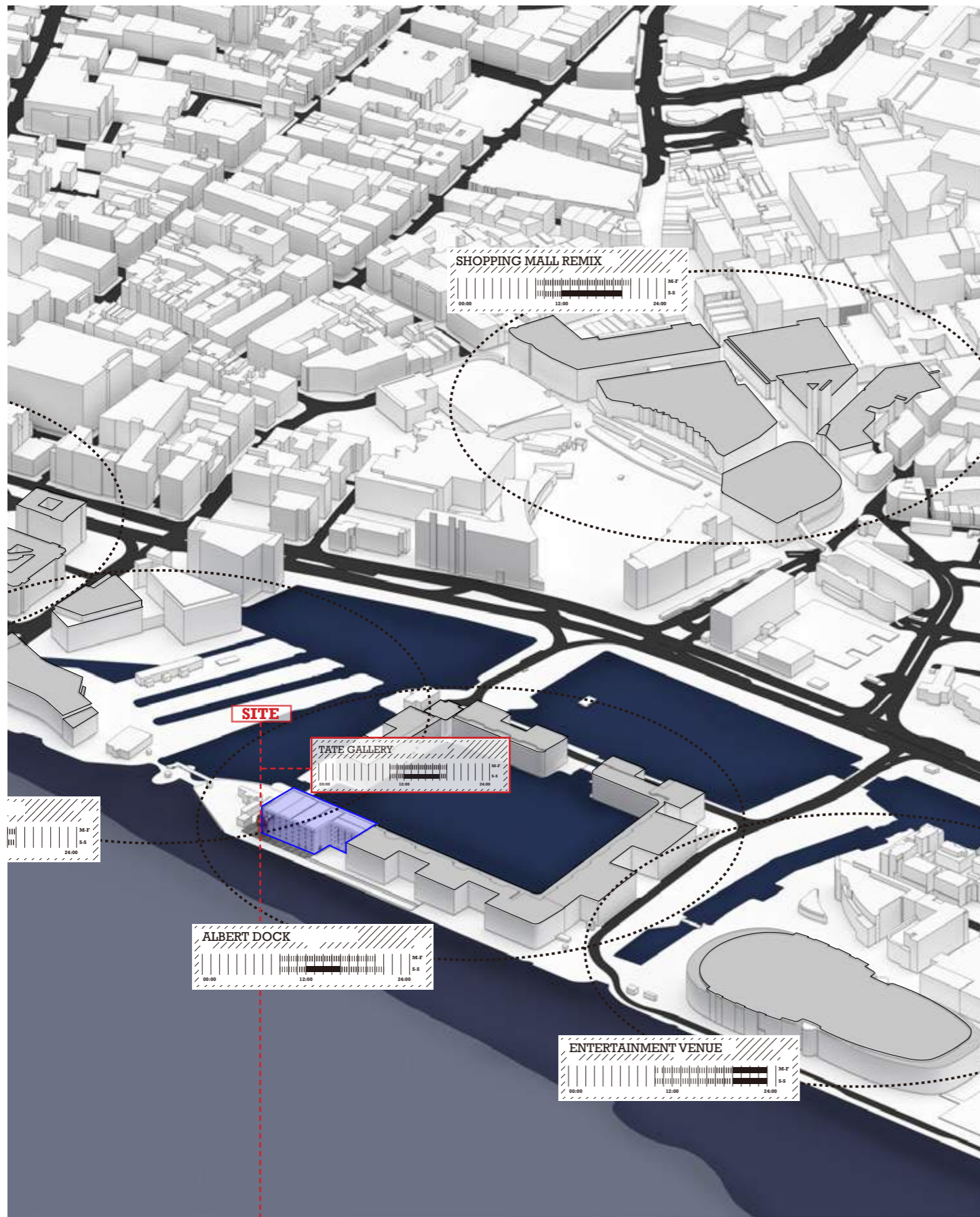
TUTOR: MARCO IULIANO

SELECTED FOR 30TH ANNIVERSARY OF TATE LIVERPOOL GALLERY
(1988-2018) IN 2018 SPRING

Aiming at inspiring the students to express their personality in abstract and later, to fill the gap between the imagination and reality, the studio uses James Stirling's unrealised entrance project for the Tate Liverpool as a starting point. A twofold direction is imagined: one reasoning on the spirit of the place and the other on the artistic practice in the making of architecture.

Combing analyses of the current display solutions in the gallery with the drawing interpretation, I found a new option for renovating the Tate--Rising Tides --a new gesture with a respective to the subtle historical site, Albert Dock.

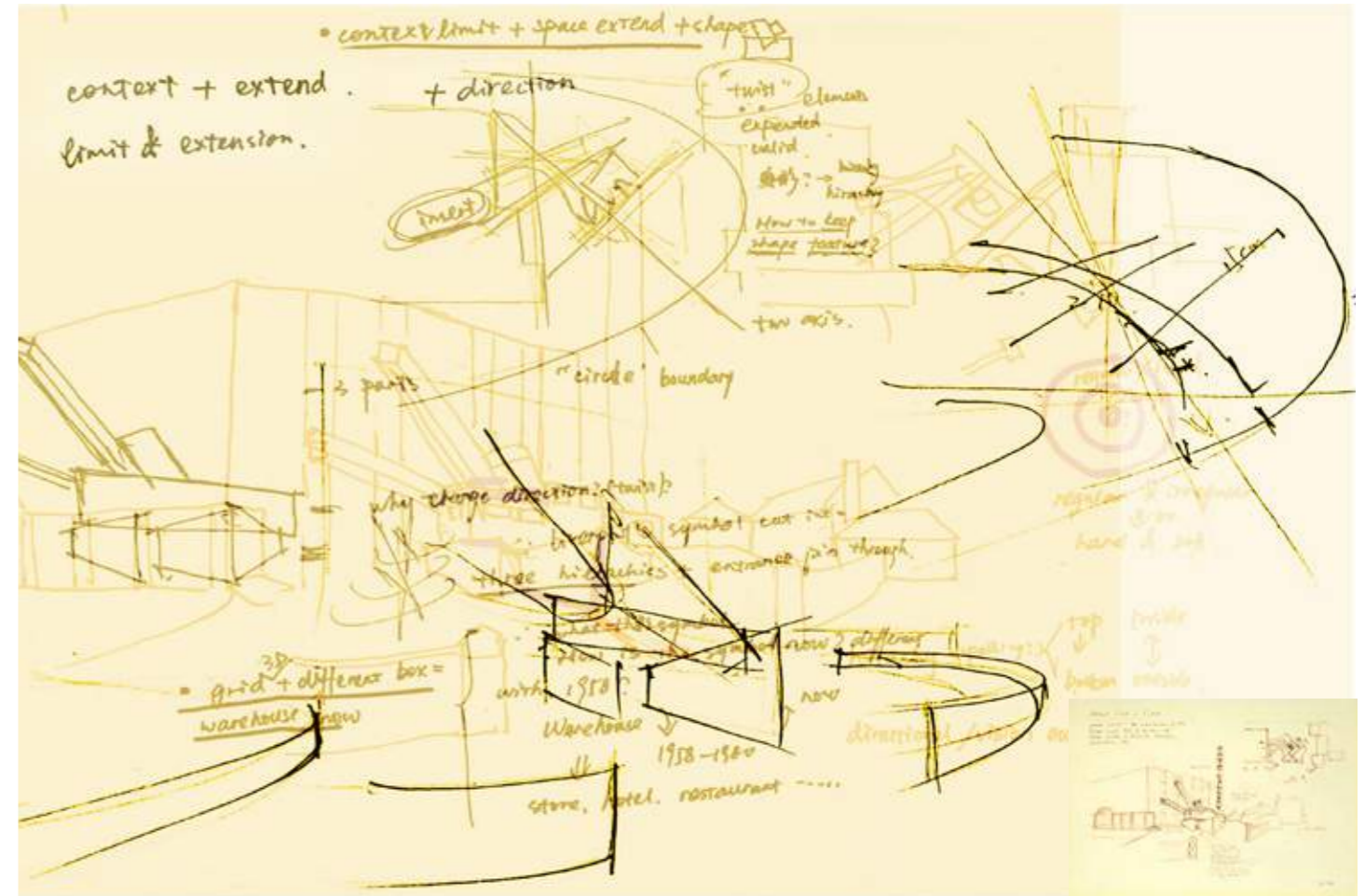




Tate Liverpool
 The gallery opened in 1988 and is housed in a converted warehouse within the Albert Dock on Liverpool's waterfront. The original conversion was done by James Stirling.



JAMES STIRLING'S DRAWING & PERSONAL INTERPRETATION



Personal Drawings (large) & James Stirling Origin Drawing (small)

James Stirling Origin Drawing Working on the concept stage for the new Tate Liverpool [Stirling, Wilford & Associates, 1982-88], Stirling sketched an imaginative proposal for the entrance of the new gallery. It consisted of a ship crashing into the side elevation, with a handwritten caption: Albert Dock - L'pool: About 1958? the warehouses of the Dock were full of broken up ships parts - funnels, bridges, propellers...



Personal Understanding & Interpretation

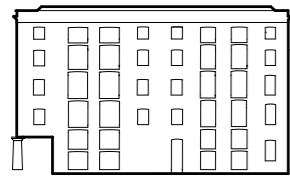
Twisted boat, the intertwined lines between Warehouse inside and outside, made the adaptation and the expansion to the site. Stirling chose this side for entrance and used the historical fragments, were to break the dead site with this iconic shape and recall the golden time of Liverpool.

Limit & Extension

The site encircles the Tate side tightly, while the new entrance breaks this limitation by physical stretching into the building and visual breaking towards the existed stone gate

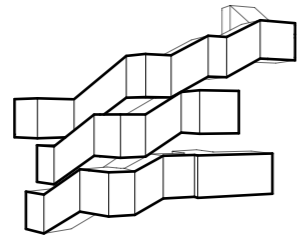
Order & Disorder

The grid columns are the bones of rigid context, while the entrance consists of dynamic structure and space with various materials.



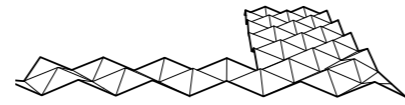
EXISTED WAREHOUSE

+

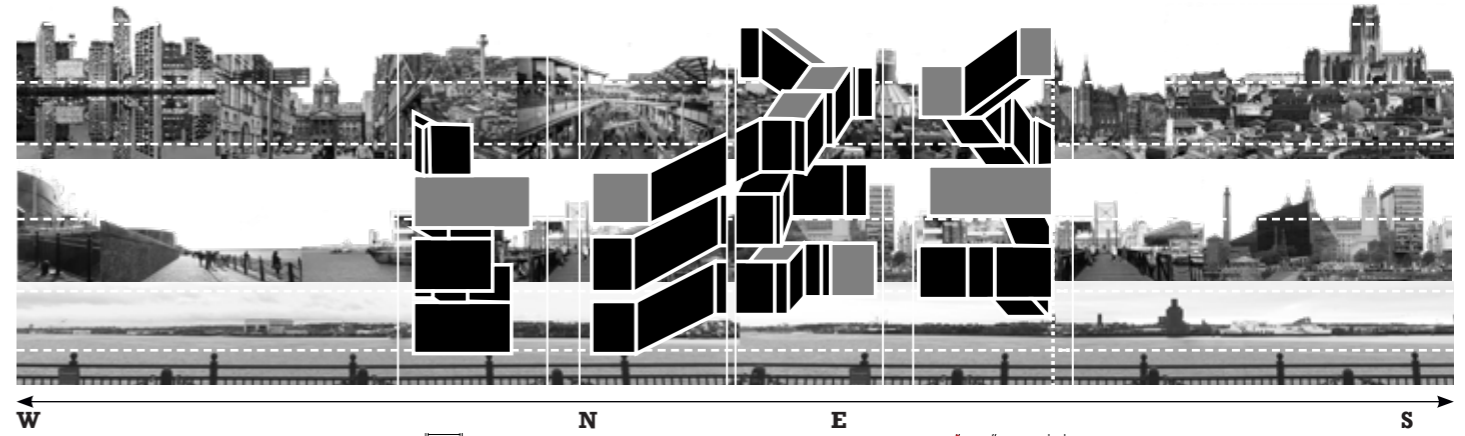


FLOATING STAIRCASE

+



TRIANGULAR COVERING

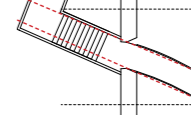
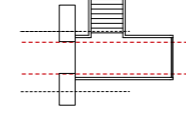


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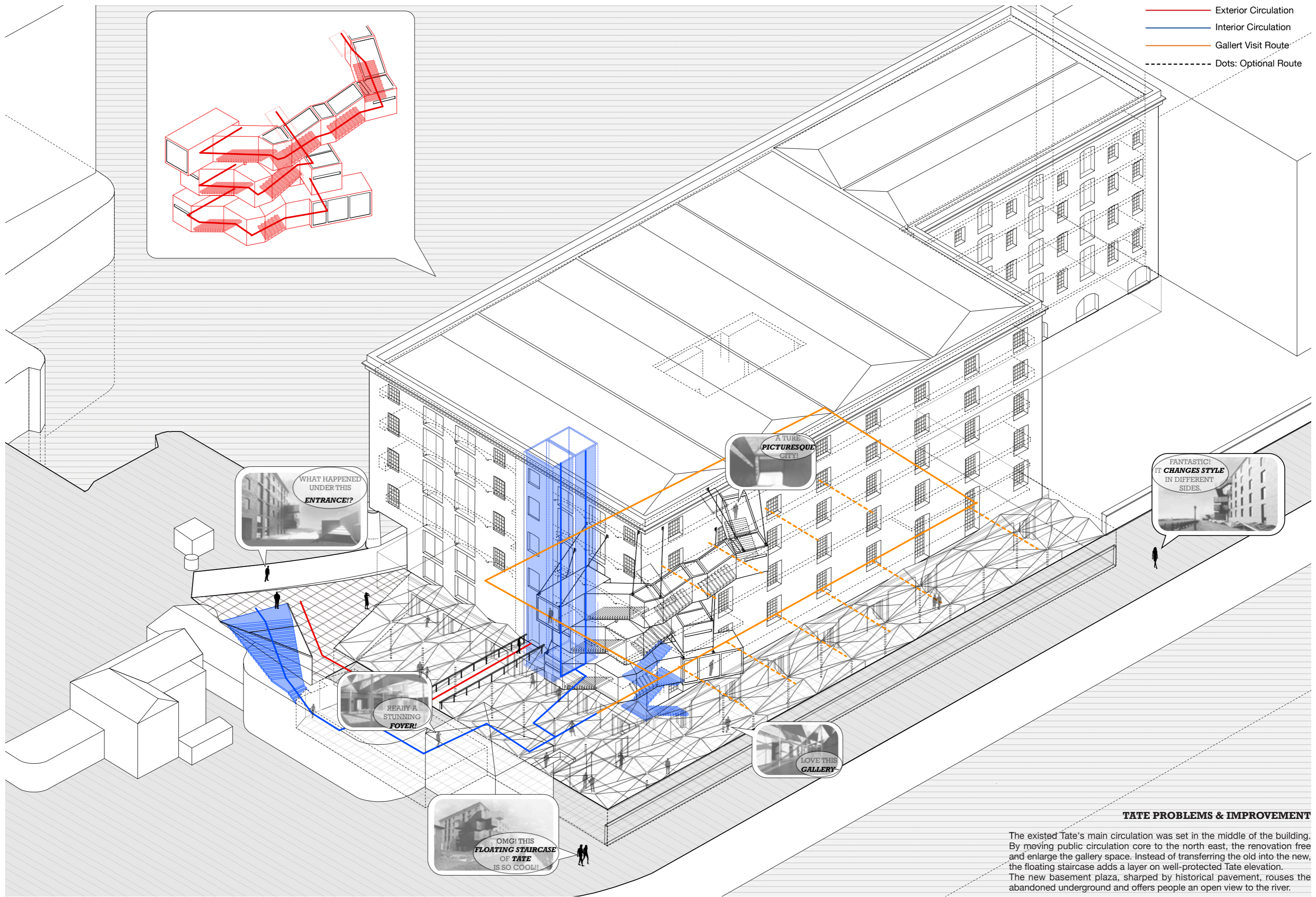
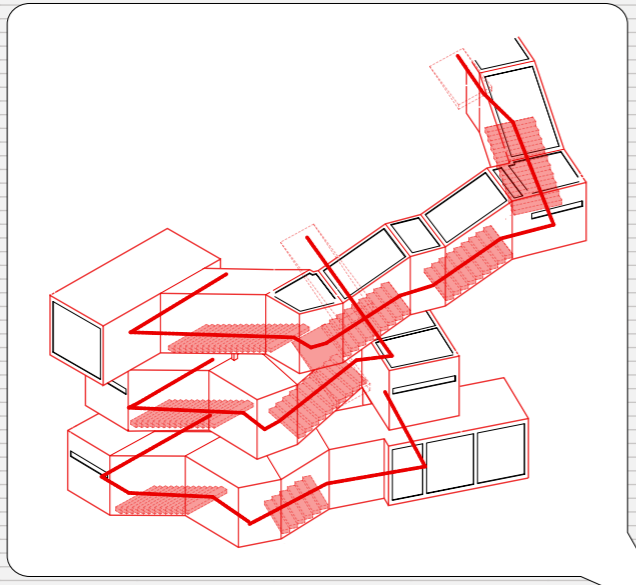


The twisted shape aims to respond to
The subtle underground plaza
Visitors attraction
Visual connection to the city
The existed facade

When history is retrospect
When space is layered
For me, they are tides.



- Exterior Circulation
- Interior Circulation
- Gallert Visit Route
- - - - Dots: Optional Route



WHAT HAPPENED UNDER THIS ENTRANCE!?

A TURE PICTURESQUE CITY!

FANTASTIC! IT CHANGES STYLE IN DIFFERENT SIDES.

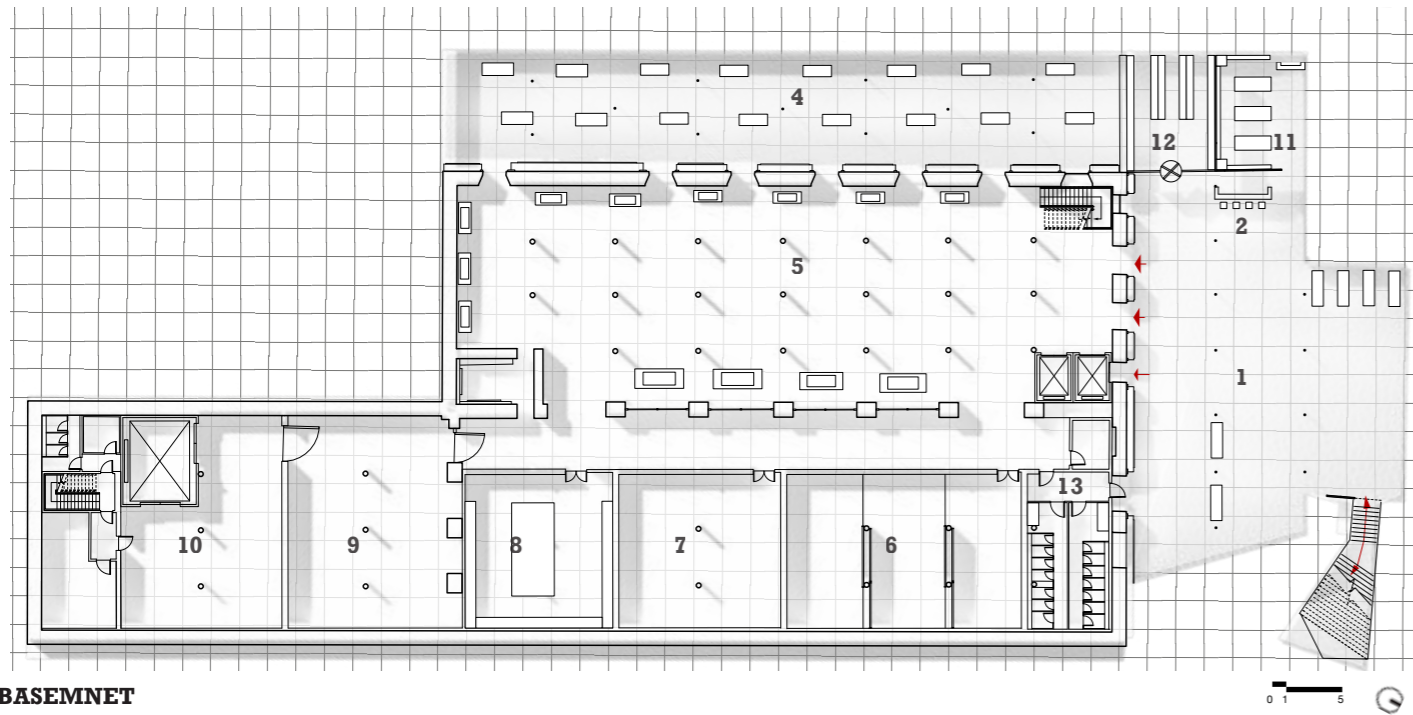
REALLY A STUNNING FOYER!

LOVE THIS GALLERY!

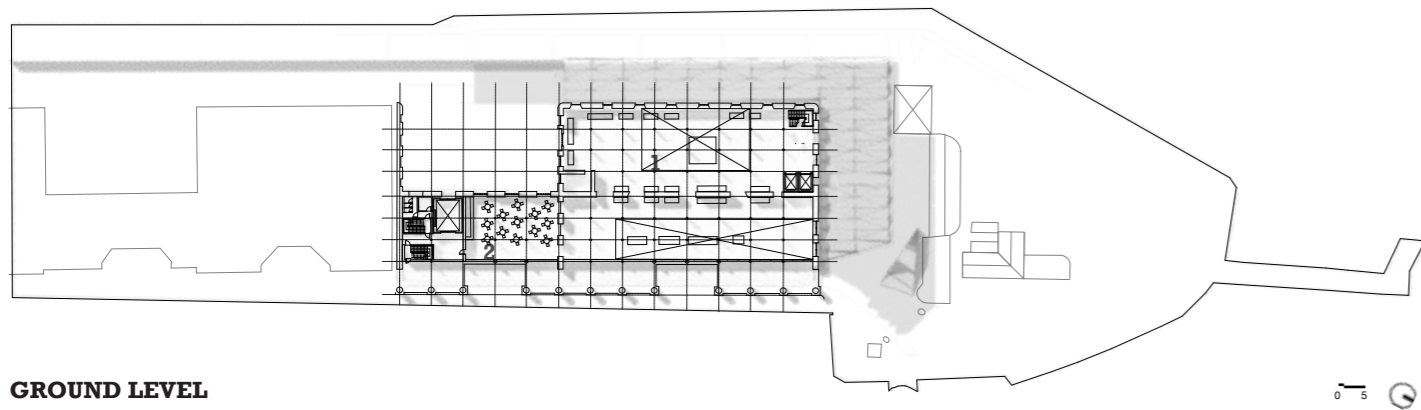
OMG! THIS FLOATING STAIRCASE OF TATE IS SO COOL!!

TATE PROBLEMS & IMPROVEMENT

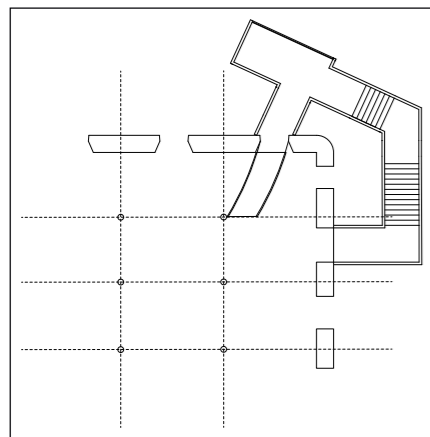
The existed Tate's main circulation was set in the middle of the building. By moving public circulation to the north east, the renovation free and enlarge the gallery space. Instead of transferring the old into the new, the floating staircase adds a layer on well-protected Tate elevation. The new basement plaza, sharped by historical pavement, rouses the abandoned underground and offers people an open view to the river.



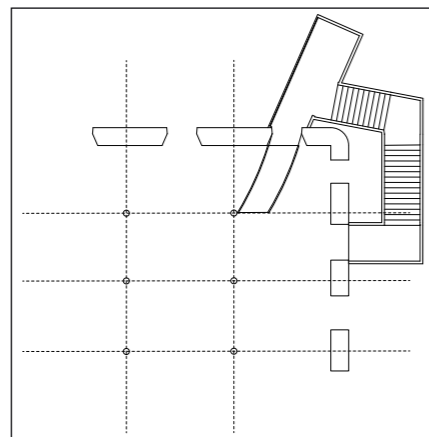
BASEMENT



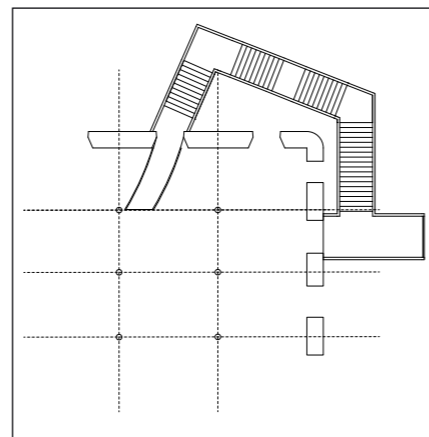
GROUND LEVEL



L1--L2



L2--L3



L3--L5

BASEMENT

- 1. Foyer
- 2. Reception
- 3. Gallery
- 4. Warehouse Gallery
- 5. Media Art Exhibition
- 6. Media Art Exhibition II
- 7. TATE Documents Display
- 8. Office
- 9. Storage
- 10. Workshop
- 11. Giftshop
- 12. Cloakroom
- 13. Toilet

GROUND LEVEL

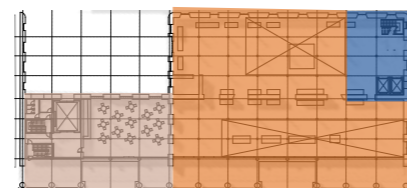
- 1. Gallery
- 2. Cafe

ACCOMMODATIONS (m²)

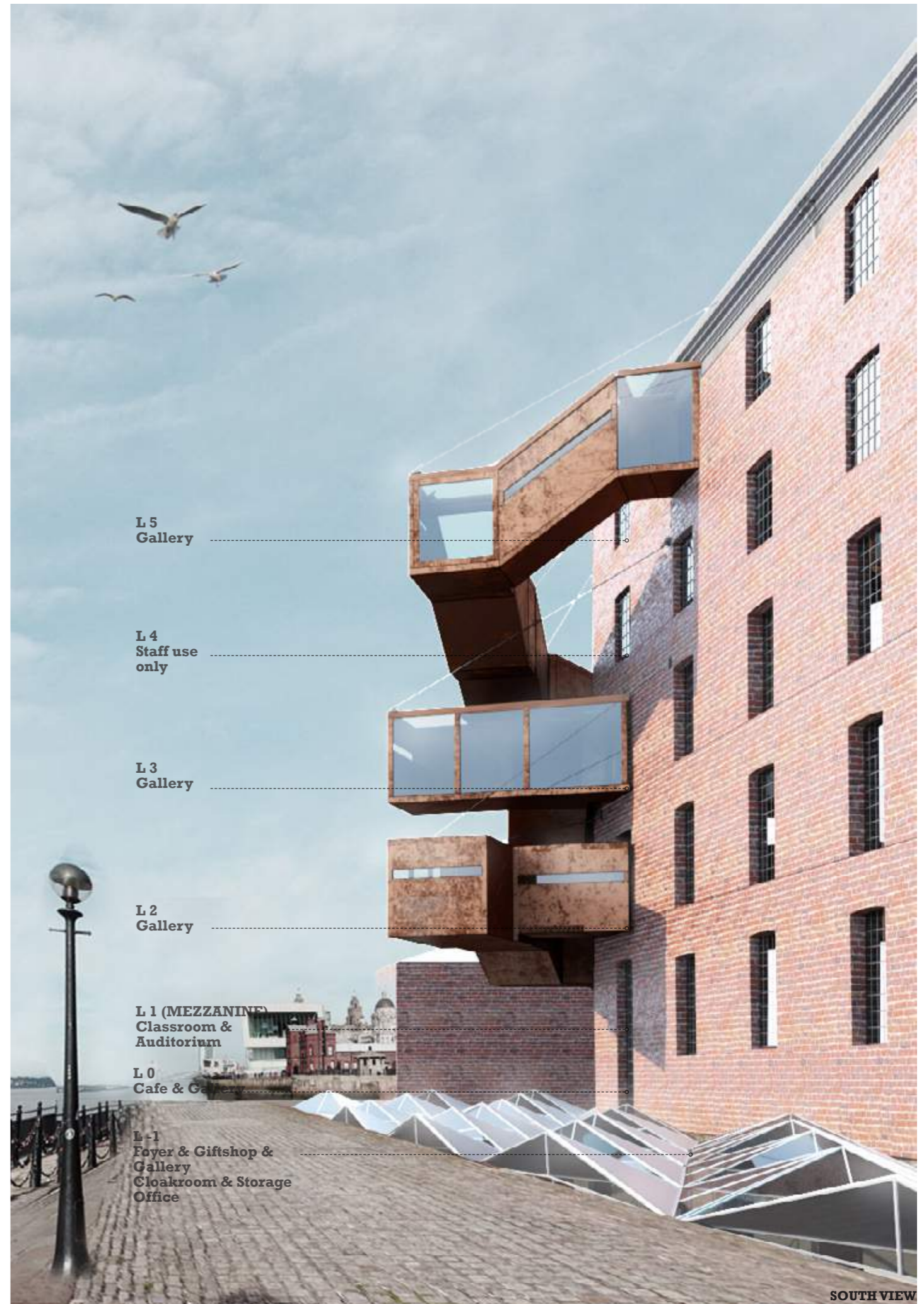
- Gallery: 7500
- Foyer & Reception: 415
- Circulation Core: 1200
- Cloakroom: 55
- Giftshop: 55
- Cafe & Restaurant: 170
- Staff use: 1600
- All: 11310

TYPICAL FLOOR FUNCTIONS

Separate other functions and exhibition area to free the gallery.



- Circulation Core
- Gallery
- Others



L 5
Gallery

L 4
Staff use only

L 3
Gallery

L 2
Gallery

L 1 (MEZZANINE)
Classroom &
Auditorium

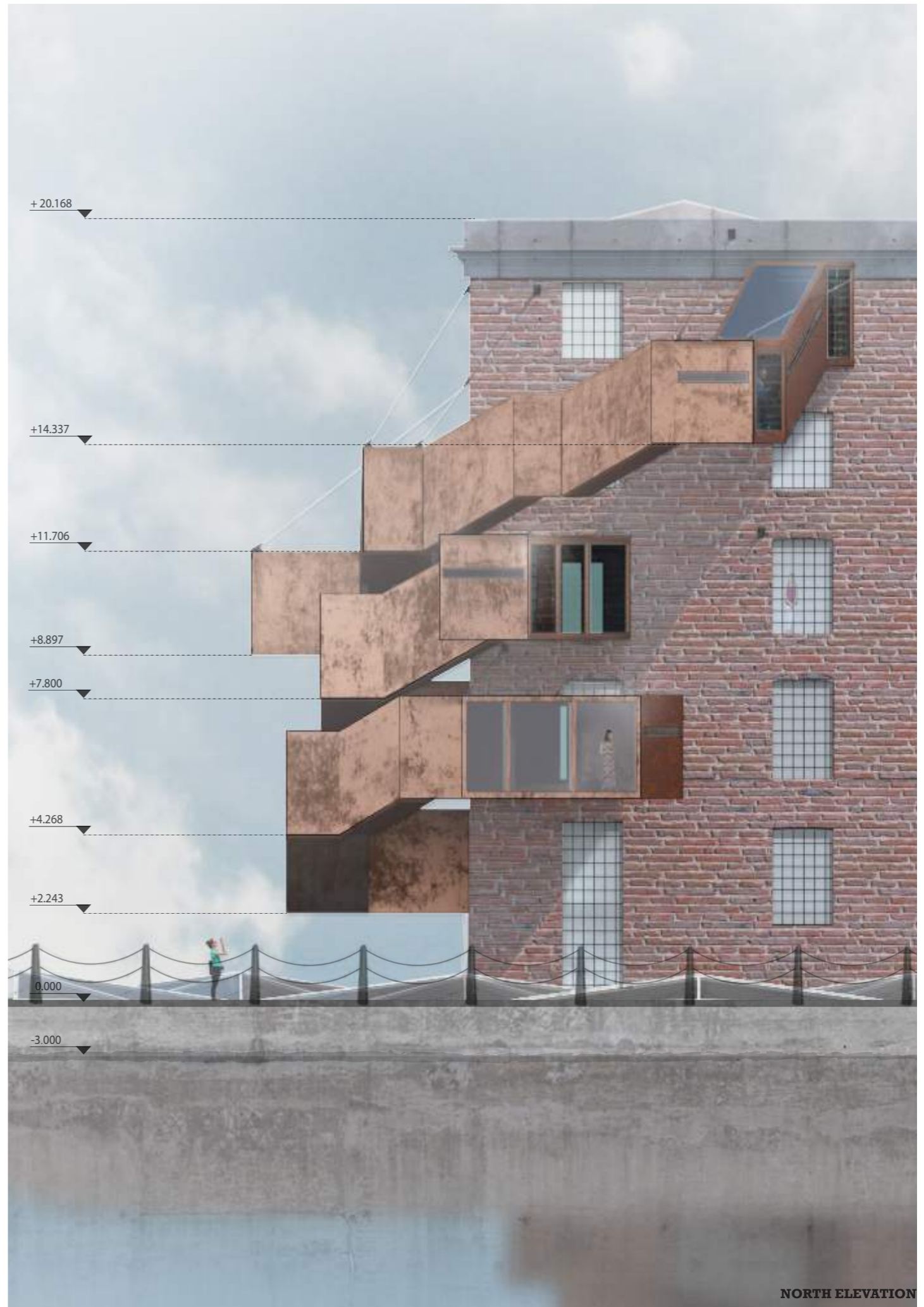
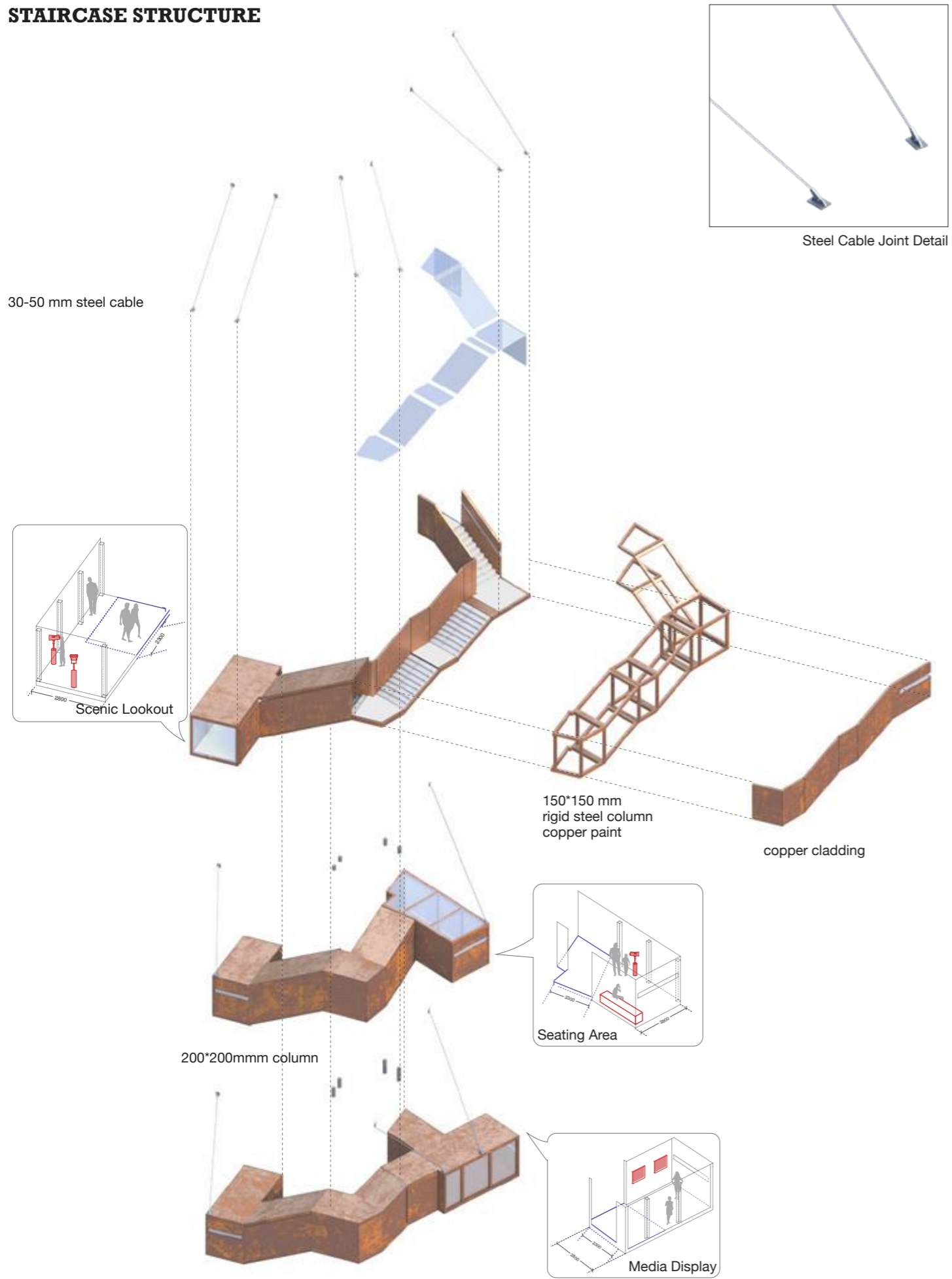
L 0
Cafe & Restaurant

L -1
Foyer & Giftshop &
Gallery
Cloakroom & Storage
Office

SOUTH VIEW

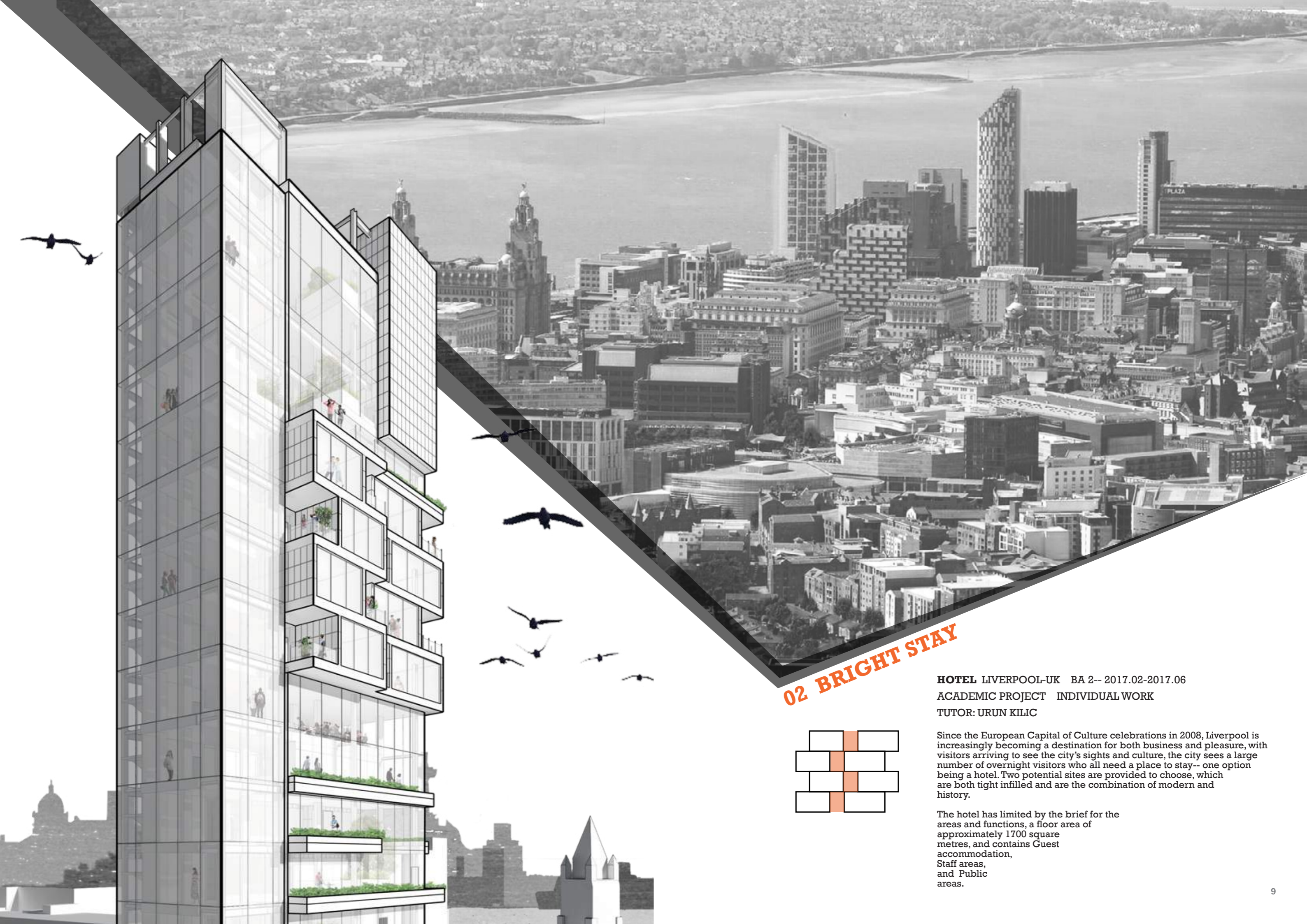


STAIRCASE STRUCTURE



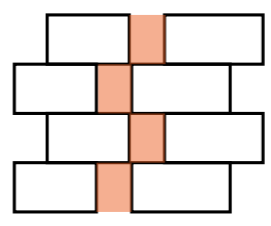


FOYER PLAZA



02 BRIGHT STAY

HOTEL LIVERPOOL-UK BA 2-- 2017.02-2017.06
ACADEMIC PROJECT INDIVIDUAL WORK
TUTOR: URUN KILIC



Since the European Capital of Culture celebrations in 2008, Liverpool is increasingly becoming a destination for both business and pleasure, with visitors arriving to see the city's sights and culture, the city sees a large number of overnight visitors who all need a place to stay-- one option being a hotel. Two potential sites are provided to choose, which are both tight infilled and are the combination of modern and history.

The hotel has limited by the brief for the areas and functions, a floor area of approximately 1700 square metres, and contains Guest accommodation, Staff areas, and Public areas.



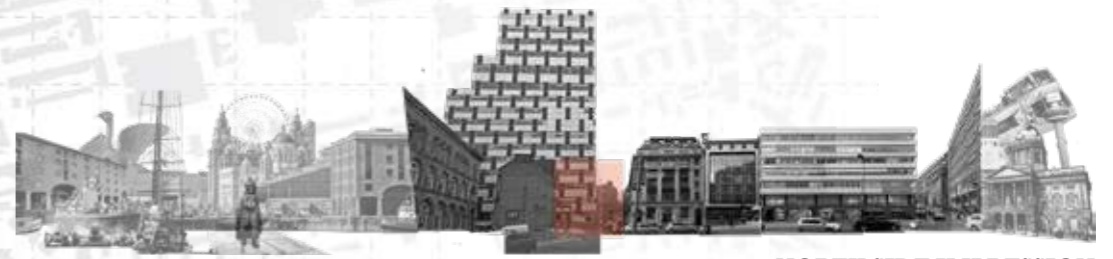
CITY OF LIVERPOOL

REUNITE THE OLD AND THE NEW
 Historical street, the old stone wall and modern business district set the conflict balance.

CAPTURE SIGHT VIEWS
 Dock, heritage buildings and characteristic city blocks, compose the various direction views.

ACTIVATE THE ENVIRONMENT
 The business-leading area, sinking in silence expect rush hour, waits for activation.

IMPORT GREENERY
 Little accessible greenery urgent importing more green elements.



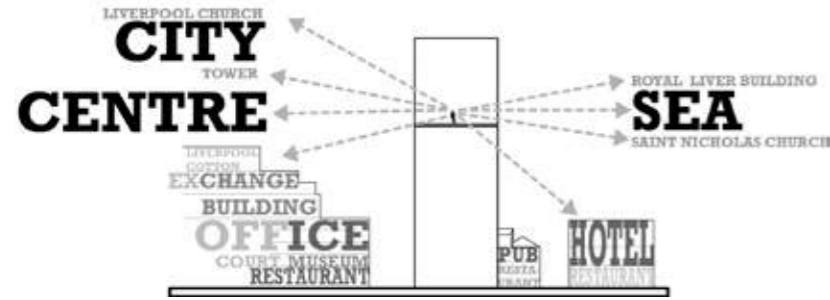
NORTH SIDE IMPRESSION



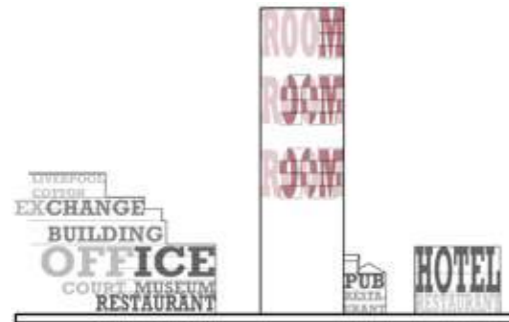
SOUTH SIDE IMPRESSION

RETHINK OF THE HOTEL

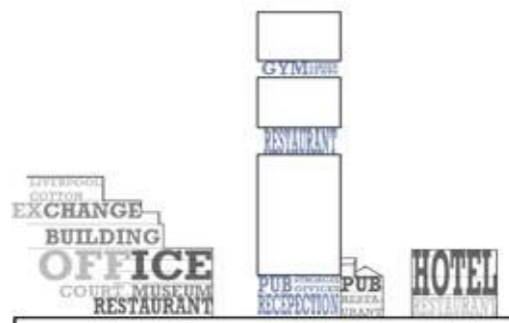
The traditional hotel isolates customers; the customers get used to moving in a rush in the hotel. While in Liverpool, the people are good communicators and in slow speed live. Considering the shape of the site and economic efficiency, the corridor is designed to be the key space connection. In the traditional, corridor is narrow, darkness and endless, which gives the dwellers terrace.



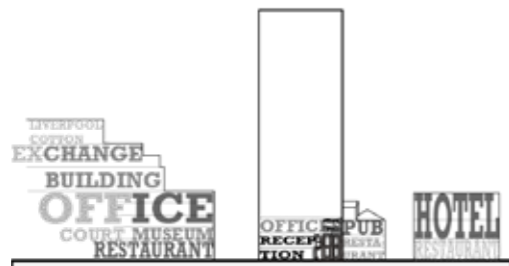
Raise frequent used levels for the panorama



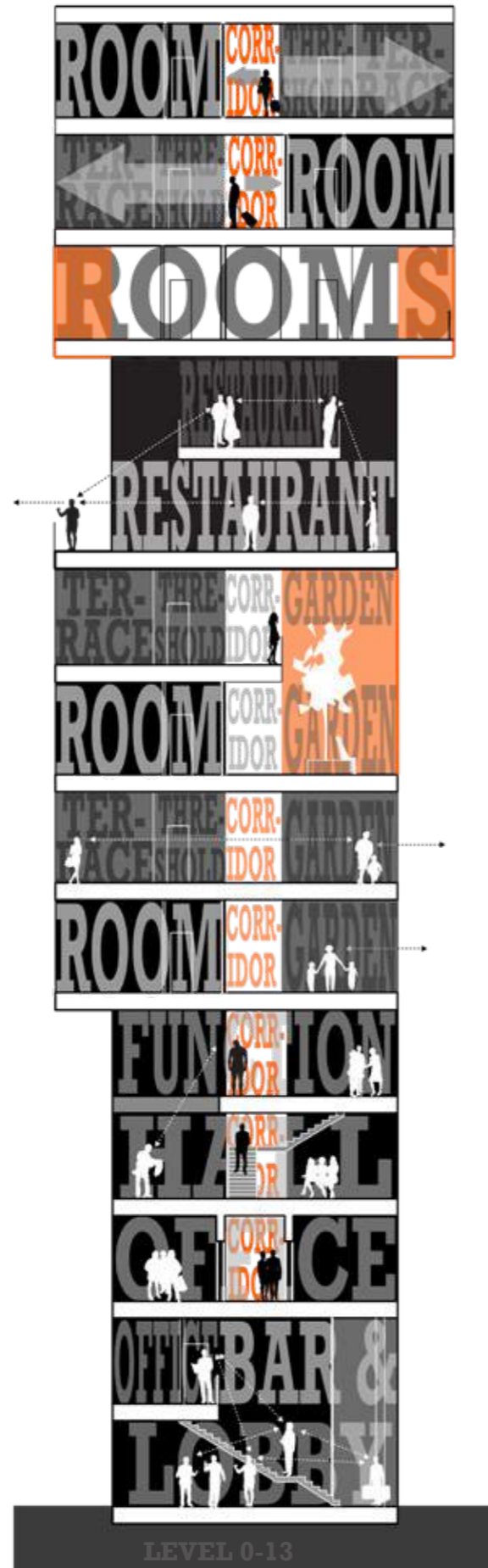
Staggered rooms for multi-direction natural light and corridor

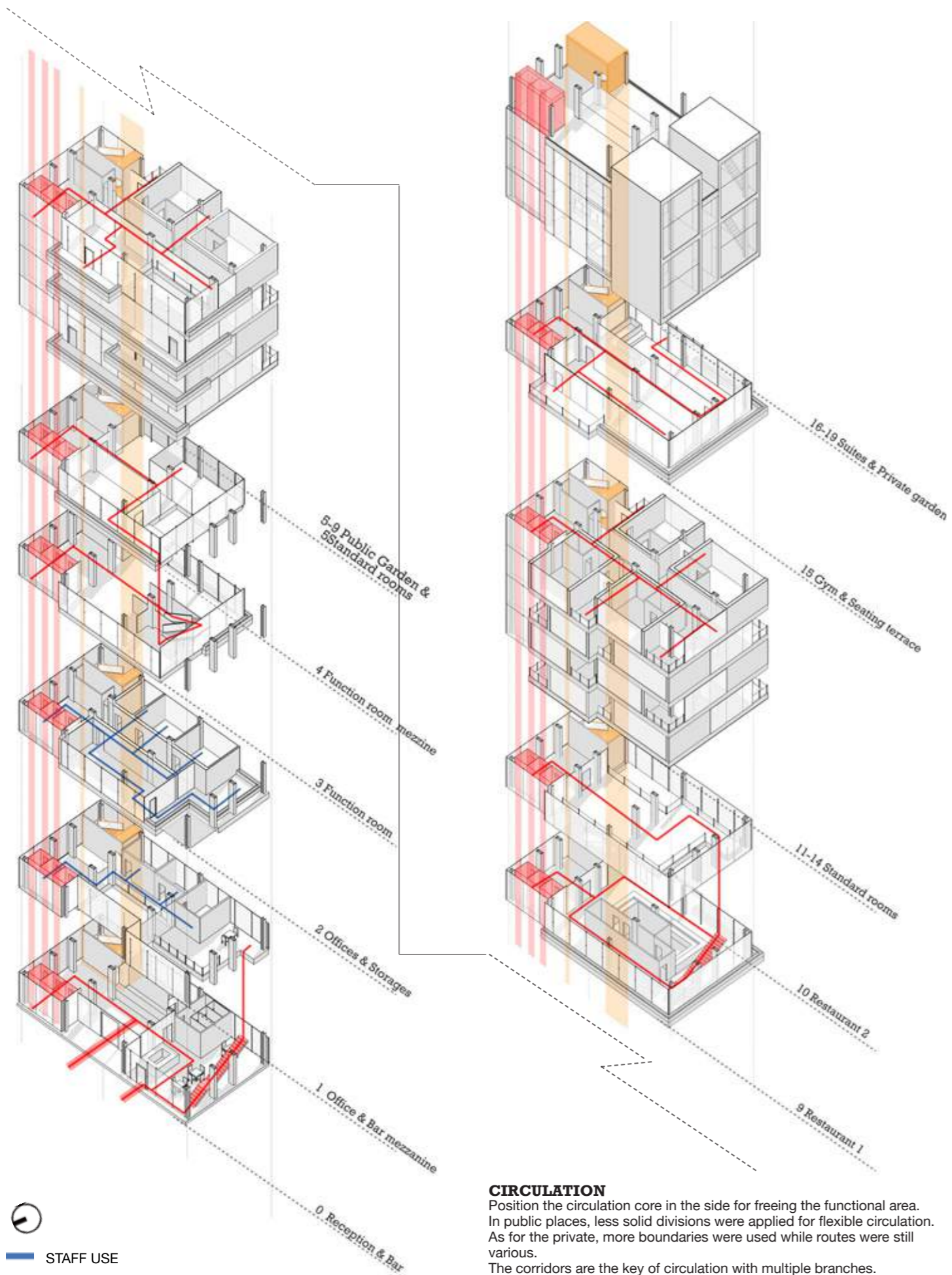


Separate services for circulation balance



Transform the old wall into a public space





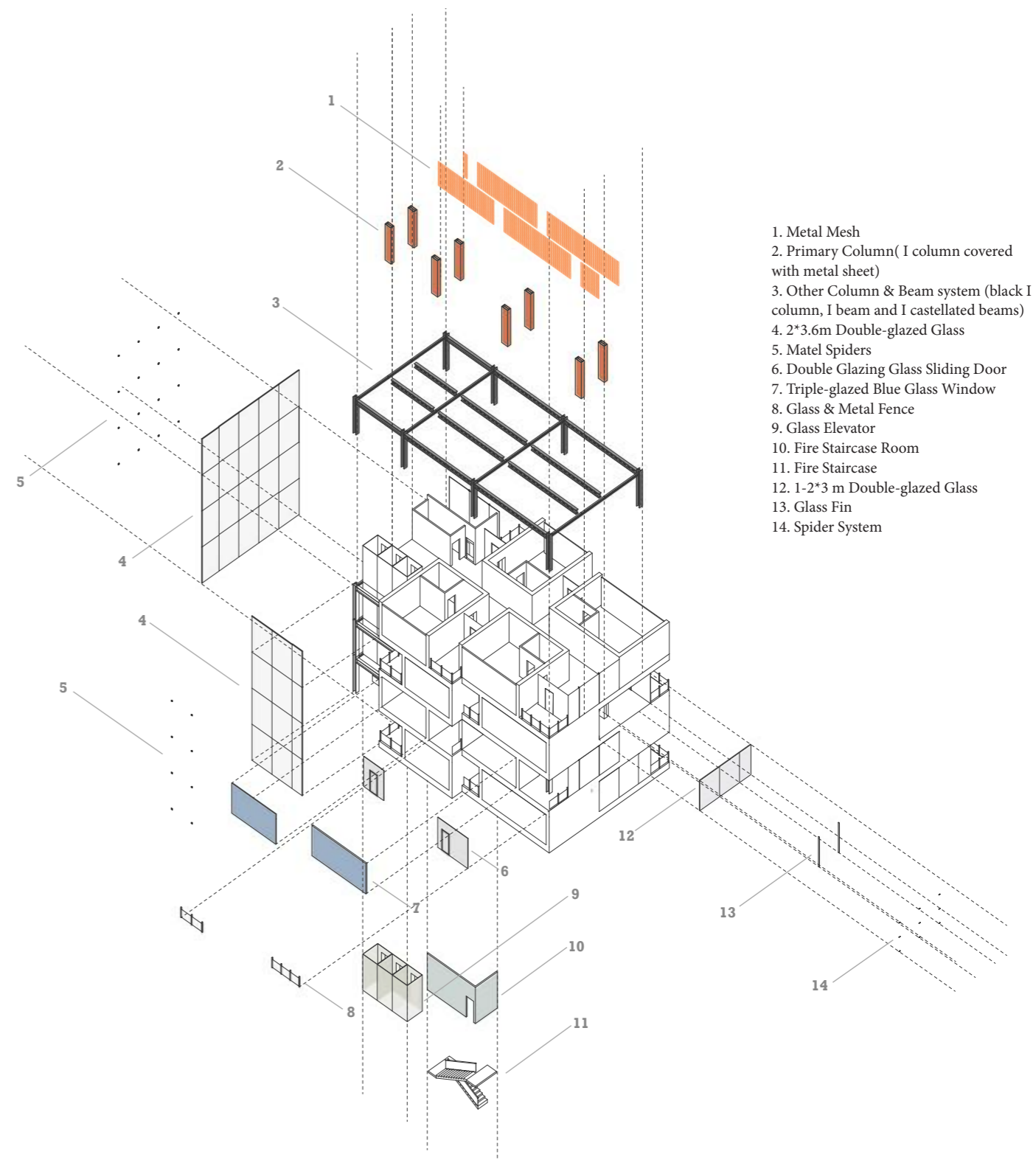
CIRCULATION

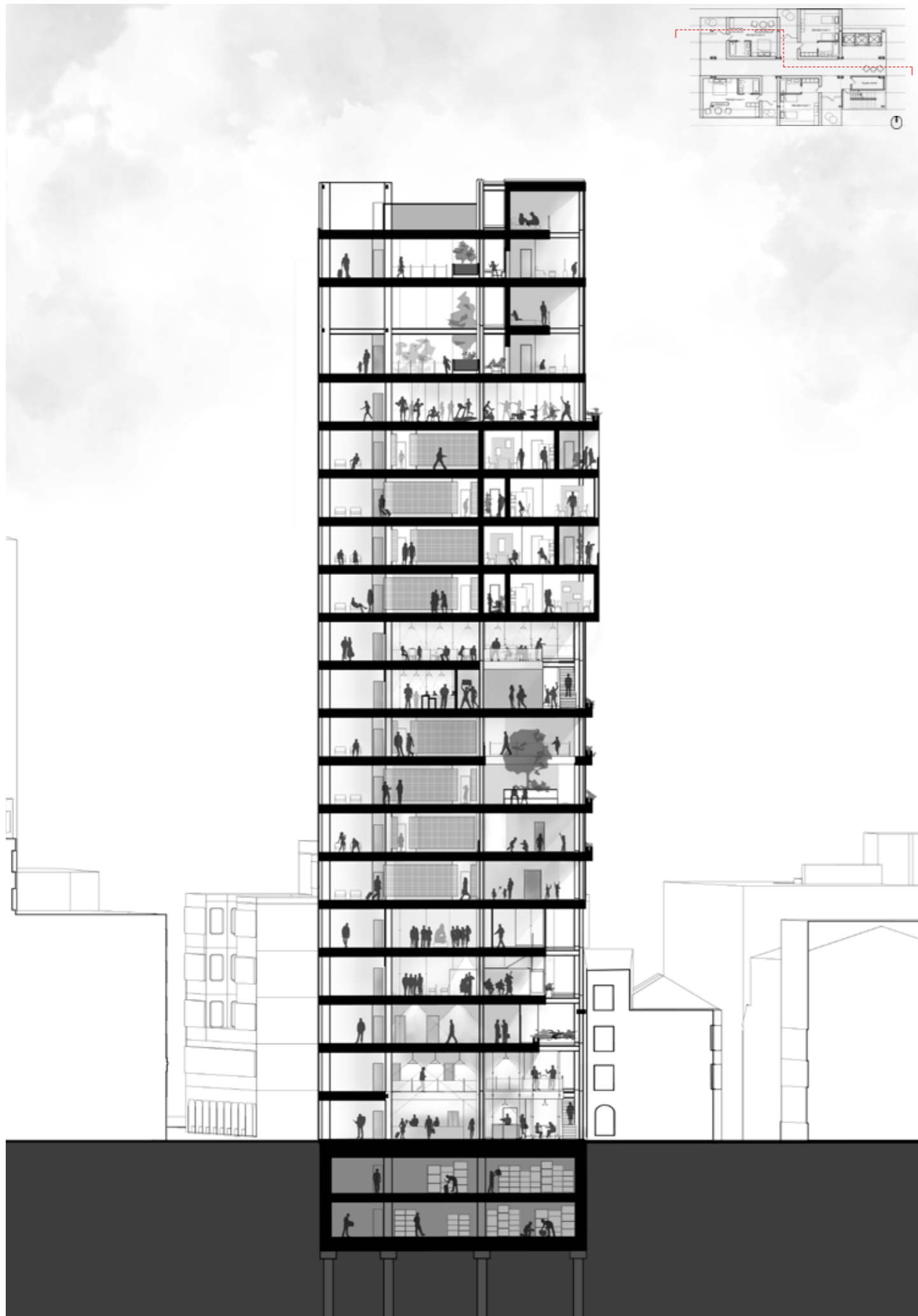
Position the circulation core in the side for freeing the functional area. In public places, less solid divisions were applied for flexible circulation. As for the private, more boundaries were used while routes were still various. The corridors are the key of circulation with multiple branches. Consider the west views are better than the east ones, the core set on the east side. Place the glass elevators on the north front for facing the main street and responding to the street corner.



LEVEL 12&14 STANDARD ROOMS TYPE 2

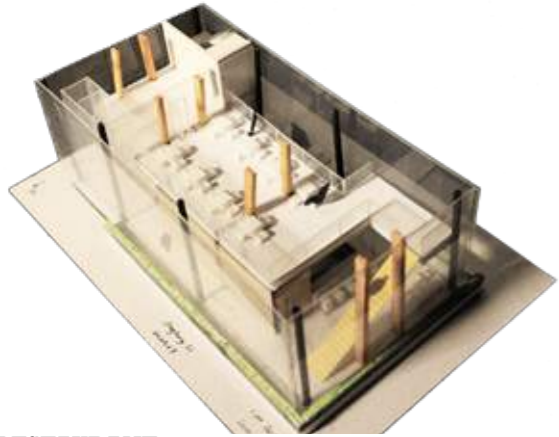
LEVEL 16 & 18 SUITES



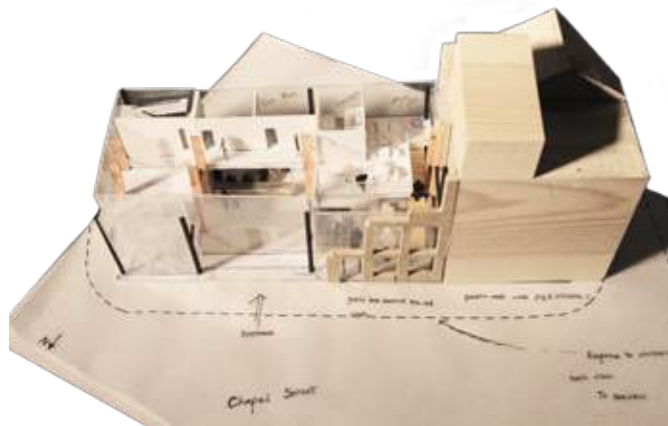




ACCOMMODATION COMPONENT



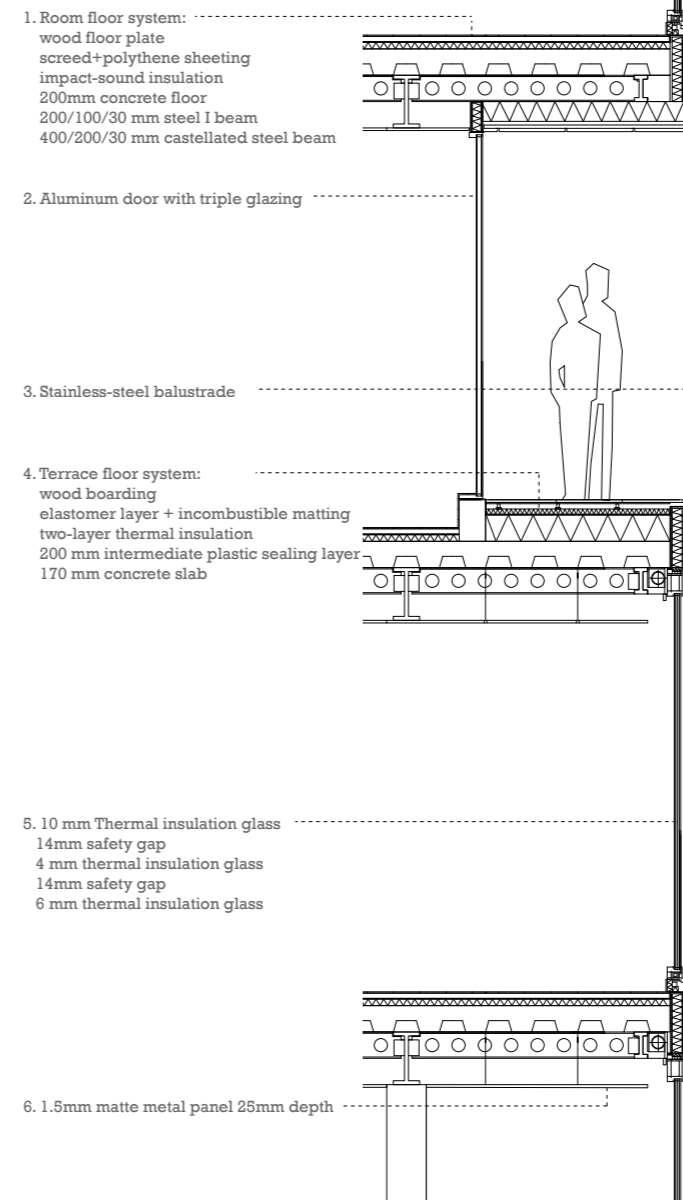
L 9&10 RESTAURANT



CONTEXT CONJUNCTION



ACCOMMODATION FLOOR TERRACE



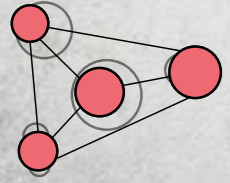


ACCOMMODATION CENTRE CORRIDOR

With sliding mesh frame for privacy and flexible space use



03 NEW RURALISM



AGRICULTURAL COMPLEXITY XIXINAN-
CHINA 2017.07

AA SUMMER SCHOOL GROUP WORK

TUTOR: TOM VEREBES MARY POLITES

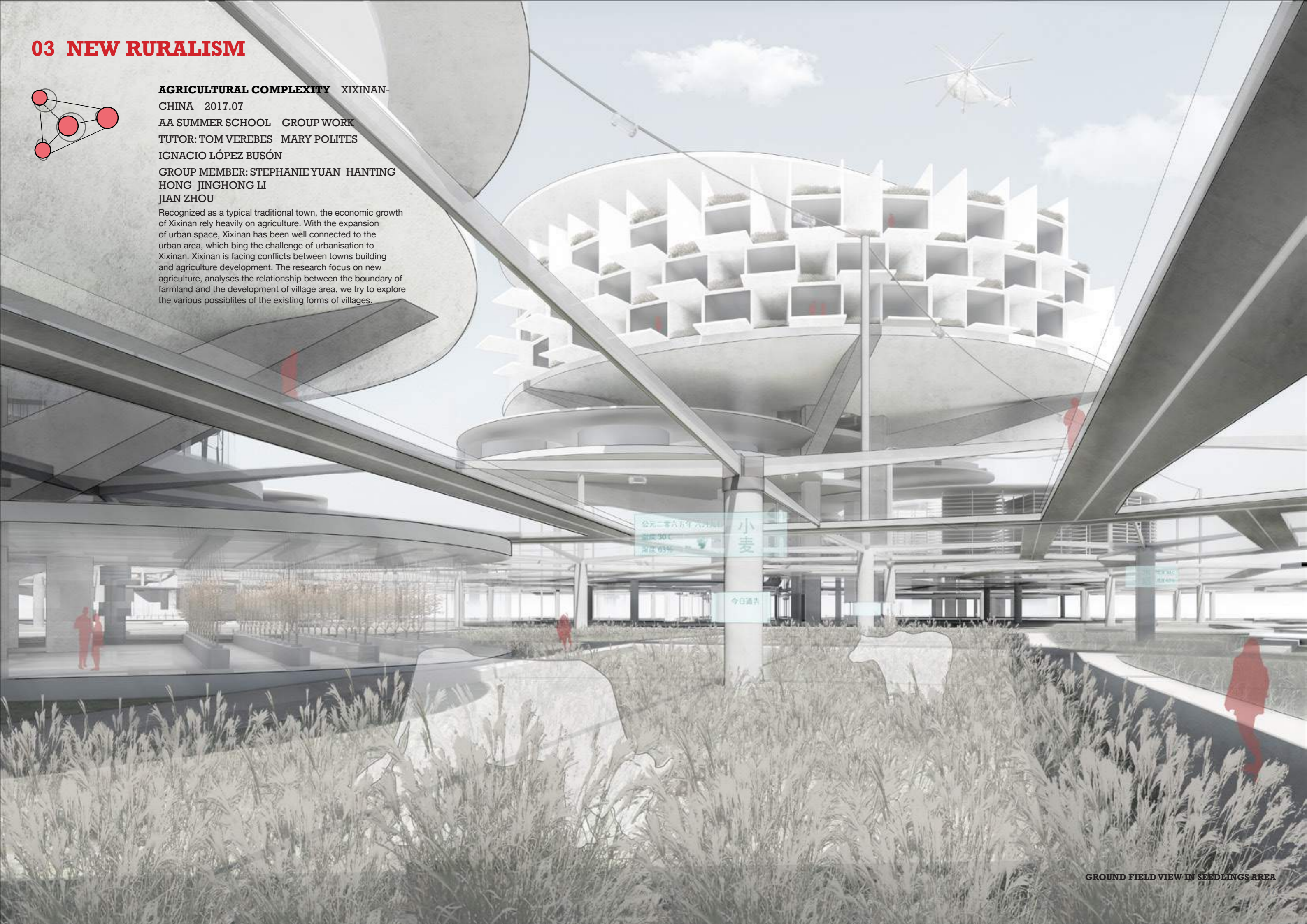
IGNACIO LÓPEZ BUSÓN

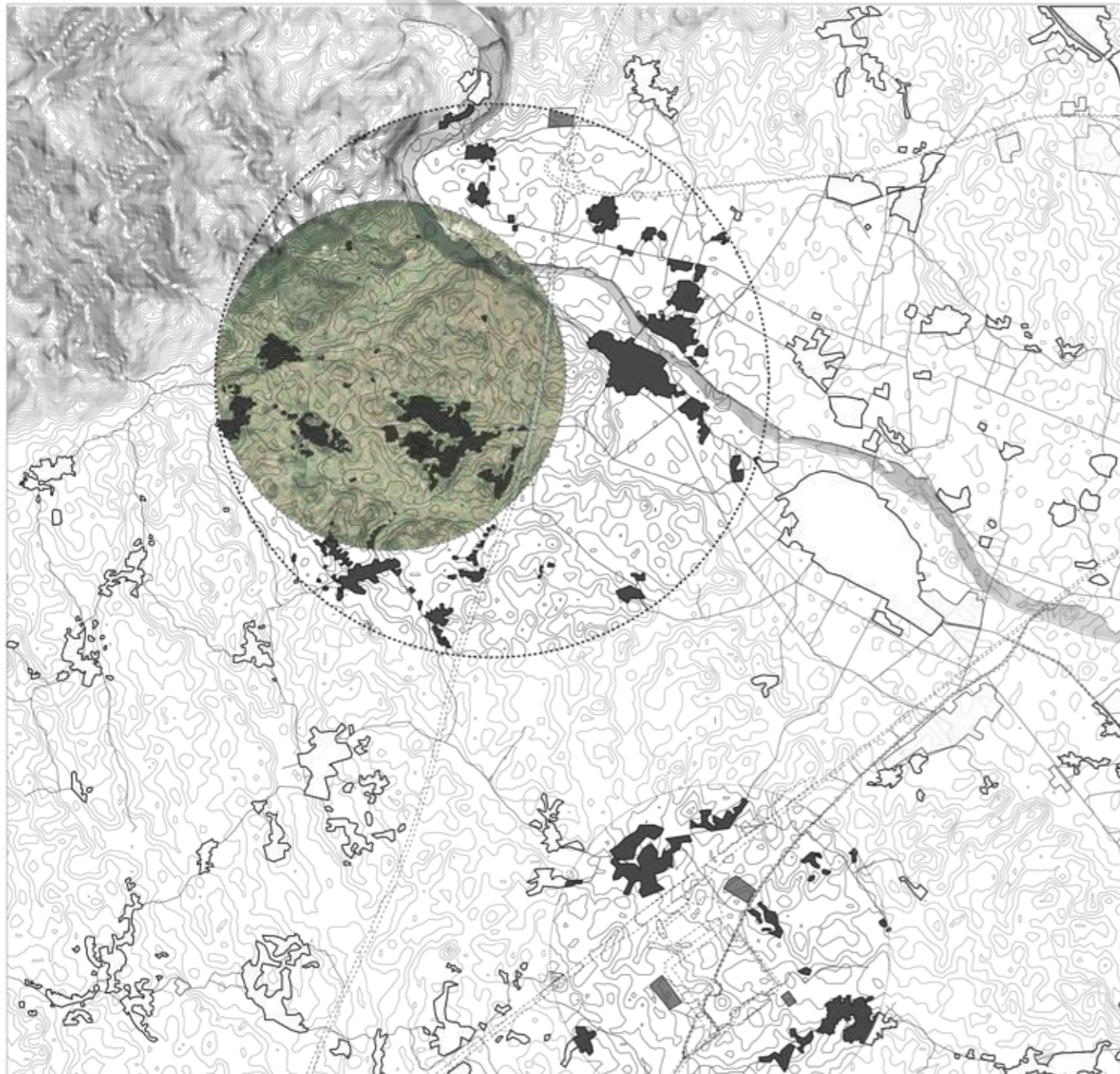
GROUP MEMBER: STEPHANIE YUAN HANTING

HONG JINGHONG LI

JIAN ZHOU

Recognized as a typical traditional town, the economic growth of Xixinan rely heavily on agriculture. With the expansion of urban space, Xixinan has been well connected to the urban area, which bring the challenge of urbanisation to Xixinan. Xixinan is facing conflicts between towns building and agriculture development. The research focus on new agriculture, analyses the relationship between the boundary of farmland and the development of village area, we try to explore the various possibilities of the existing forms of villages.





Xixinan plan and analysis focus area

BOOMING SURROUNDINGS

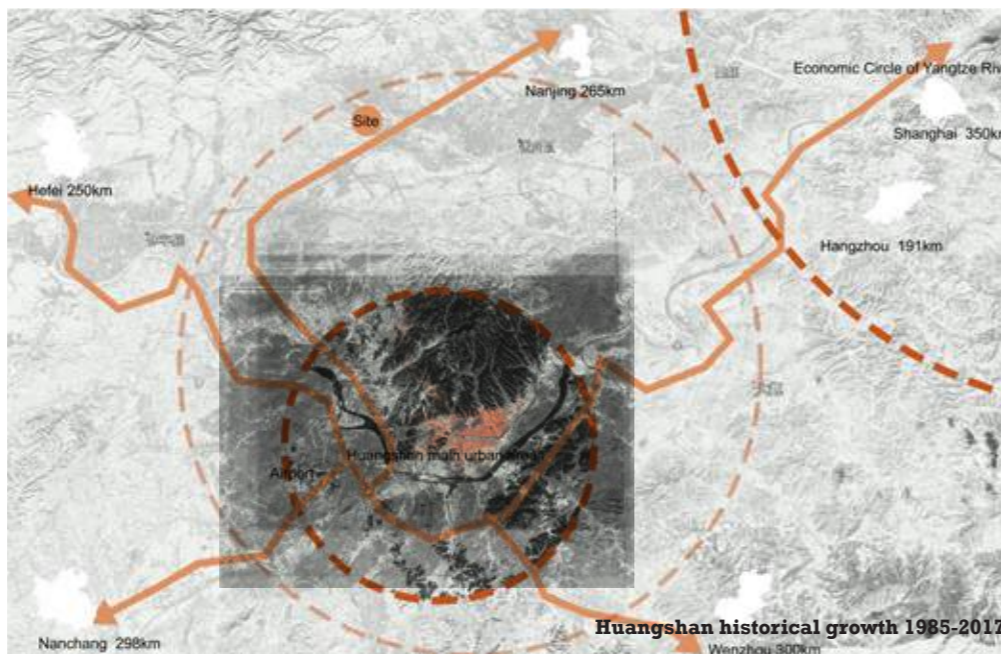
Huangshan Area, a famous and fast developing tourist site in China, locates near Xixinan.

AGRICULTURAL ECONOMY

Agriculture has been the main drive in Xixinan economy during the five decades. Also, the types of agriculture seldom have changes. The whole area is under a very slow development.



Xixinan agricultural types



Huangshan historical growth 1985-2017

ASSUMPTIONS & METHODS

Following the growing pattern of Huangshan, it is highly possible that Xixinan will start its significant change shortly. We speculated that the development of Xixinan would close linked to the towns' size and the existed road (referring to the five small data).

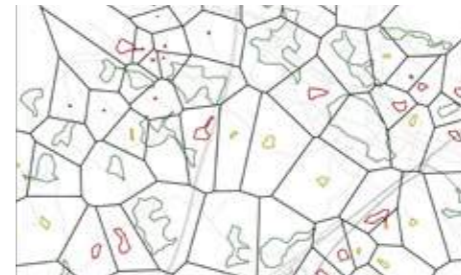
To specific case study, we started to zoom into a smaller size with two village development assumptions. Then a typical village would be selected for detail investigation.



Area ratio of farmlands and villages



Villages size distribution



Villages' farmlands divisions



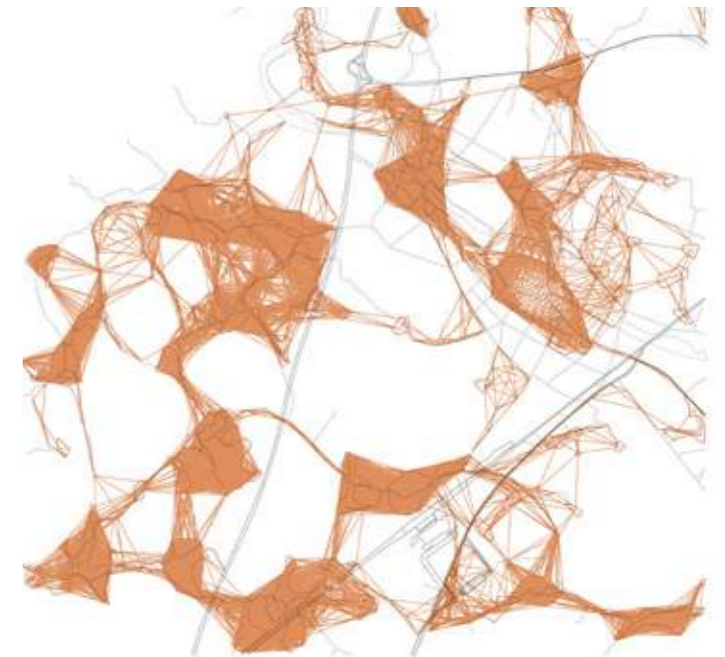
Villages connection by size and distance

DEVELOPMENT ALONG ROADS

The development of the cluster in this area is mainly affected by food supply, i.e. connectivity between the villages. There are two groups of movement of transport, one between small villages and its nearest large village, the other between large villages.

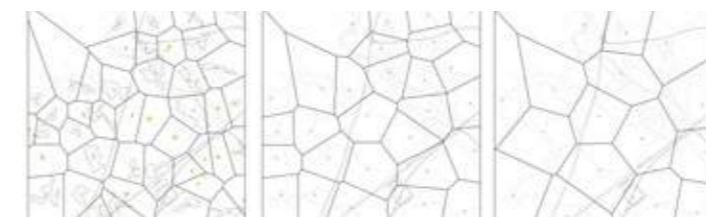


**Development processes I,II,III,IV
From now to estimated future**

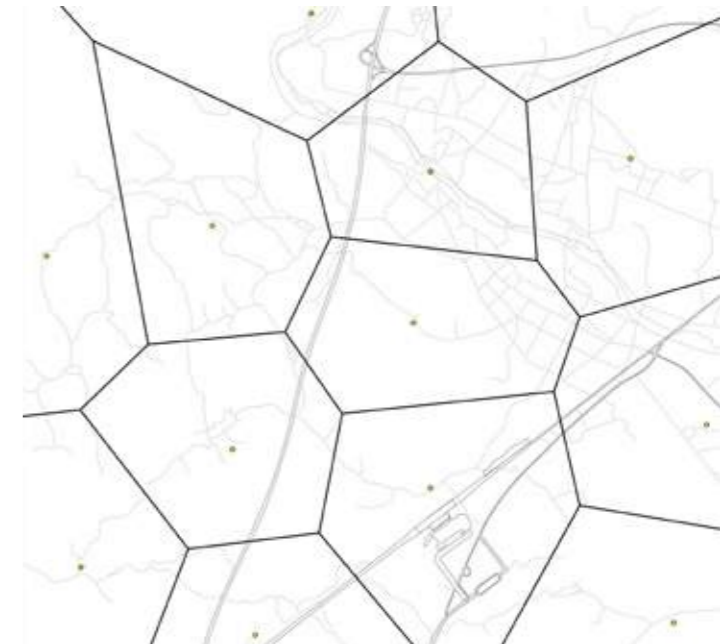


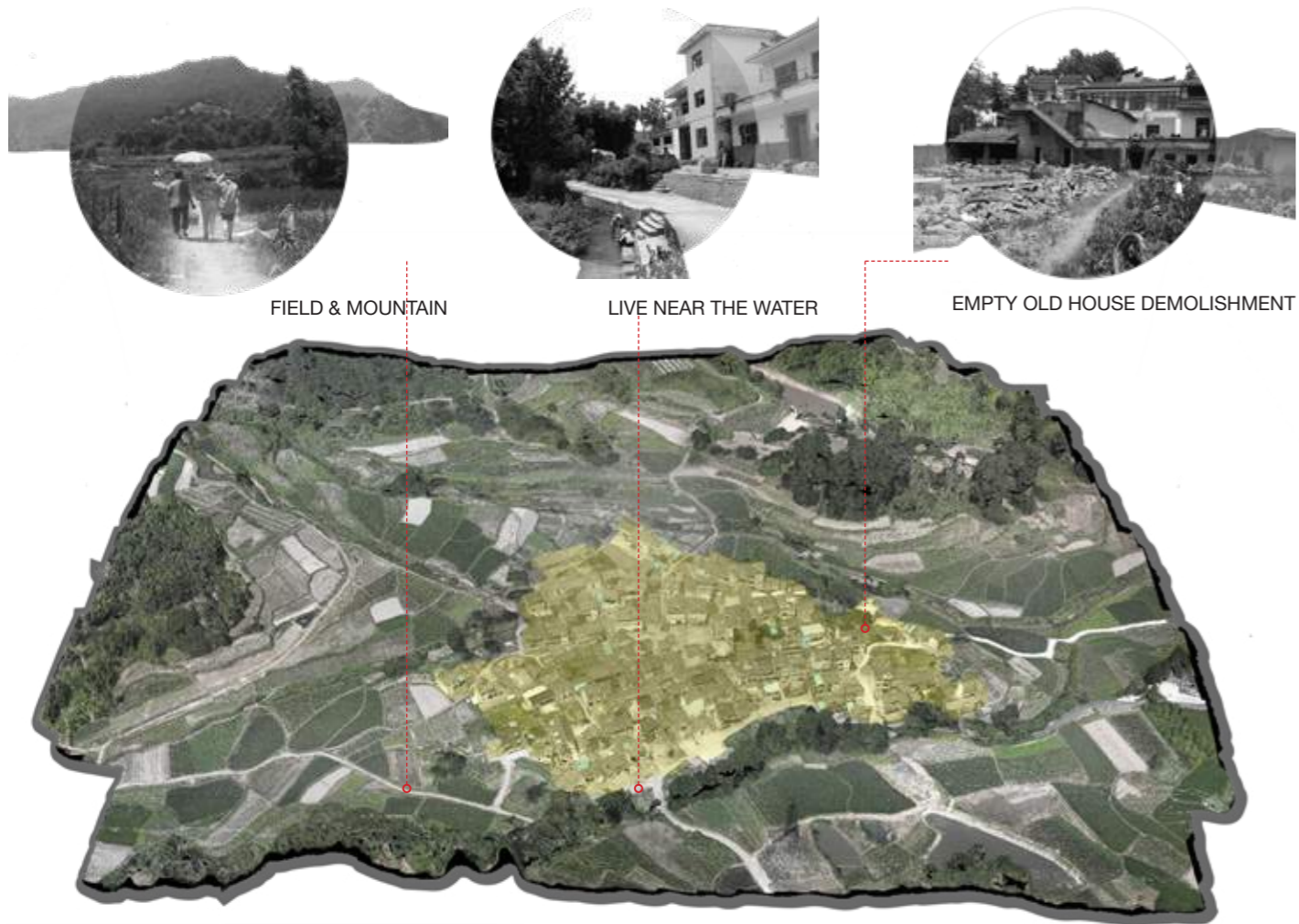
FARMLAND DEVELOPMENT

According to the size growth pattern, large villages will develop its occupied area following the road grid and gradually absorb smaller villages. Smaller villages, depending on their sizes and the ratio of built area and farmland, will either grow or fade away. The farmland boundary, based on this development, will gradually convert into a more unified form of distribution.



**Development processes I,II,III,IV
From now to estimated future**





FIELD & MOUNTAIN

LIVE NEAR THE WATER

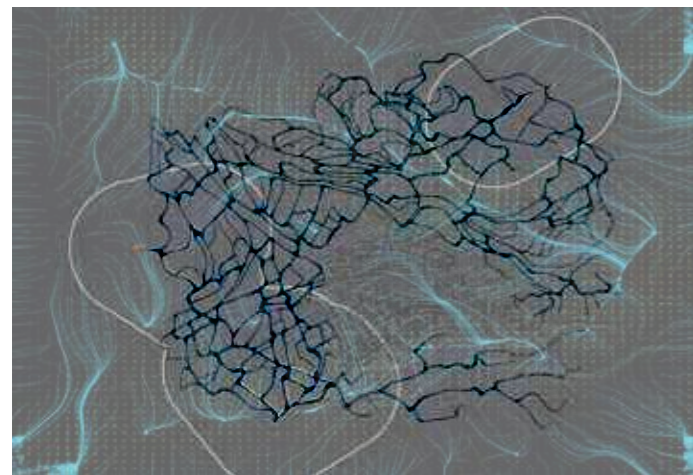
EMPTY OLD HOUSE DEMOLISHMENT

BAOCUN

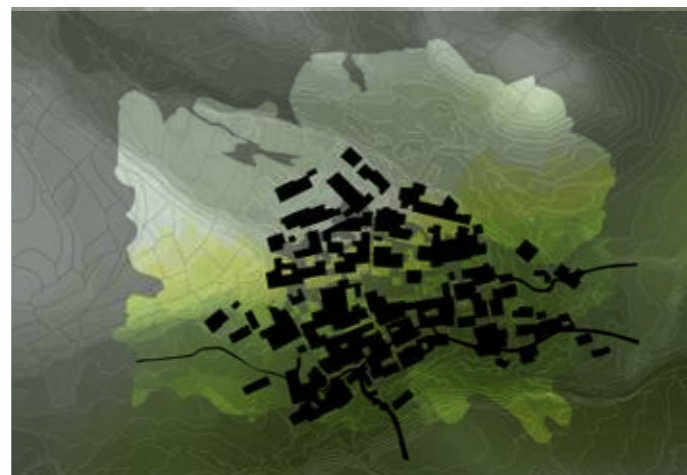
Locating in the northwestern corner of Xixinan, Baocun's building plots is surrounding by farmland, with the ratio of 10.7. It is a unique middle size village for its natural environment--facing a creek and setting against the mountain area, which should be an ideal land for both agriculture and residence.



VIEWS TO BAOCUN FROM ITS NORTH HILL



WATER RESOURCES AND FLOW

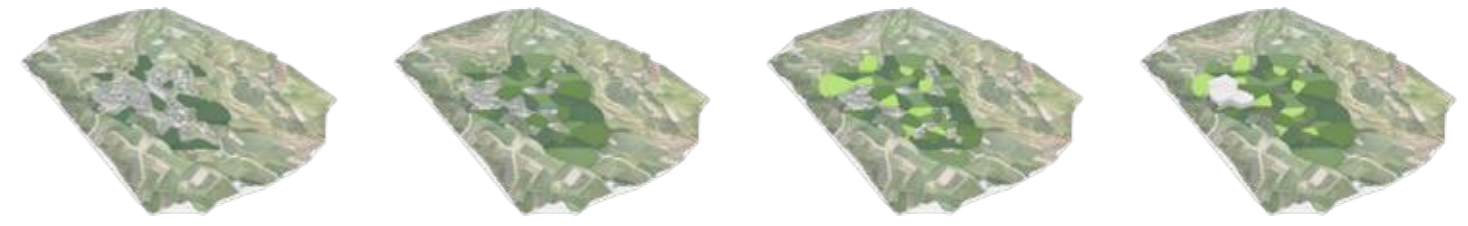
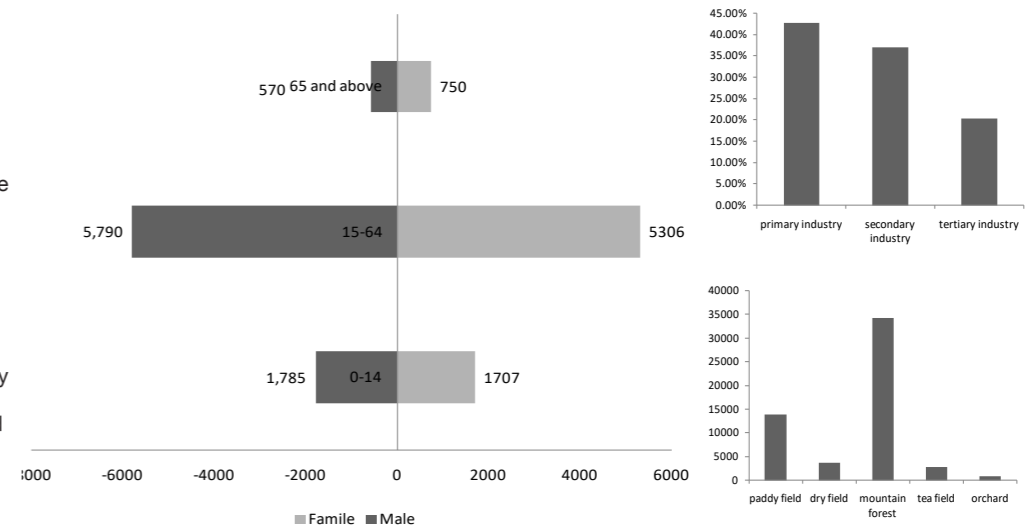


TOPOGRAPHY AND ROAD DISTANCE

CURRENT SITUATION IN BAOCUN & PROJECT ASSUMPTION

The farm labour and residents increasingly reduced in the recent years and only old people stay in the Baocun village (refer to right figures). Also, many of the seniors cannot irrigate their farmland because of the nonuniform water network and hot weather.

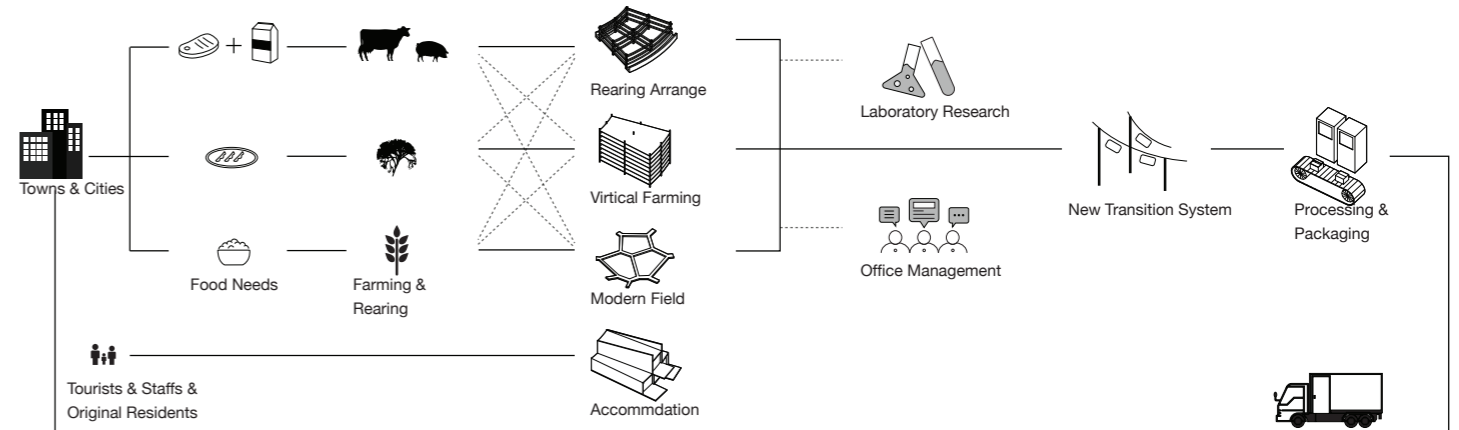
There may come to a change in the village in the future. According to the previous analyses, people in both cities and town may gather in large-scale towns, while the small and middle village will be abandoned. We assumed that a modern farm complexity would take the place of the village in the future and served the large town in the food need chain.



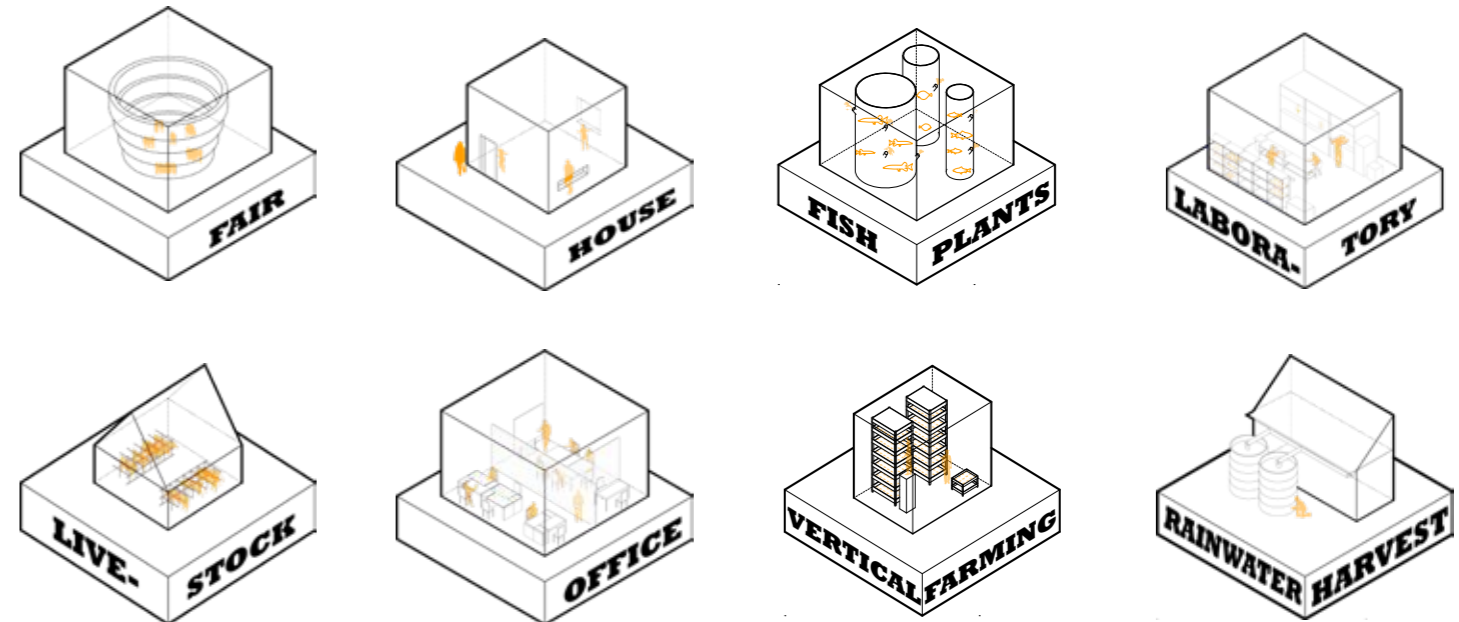
POTENTIAL CHANGING PROCESSES

AGRICULTURAL COMPLEXITY IN BAOCUN'S FUTURE

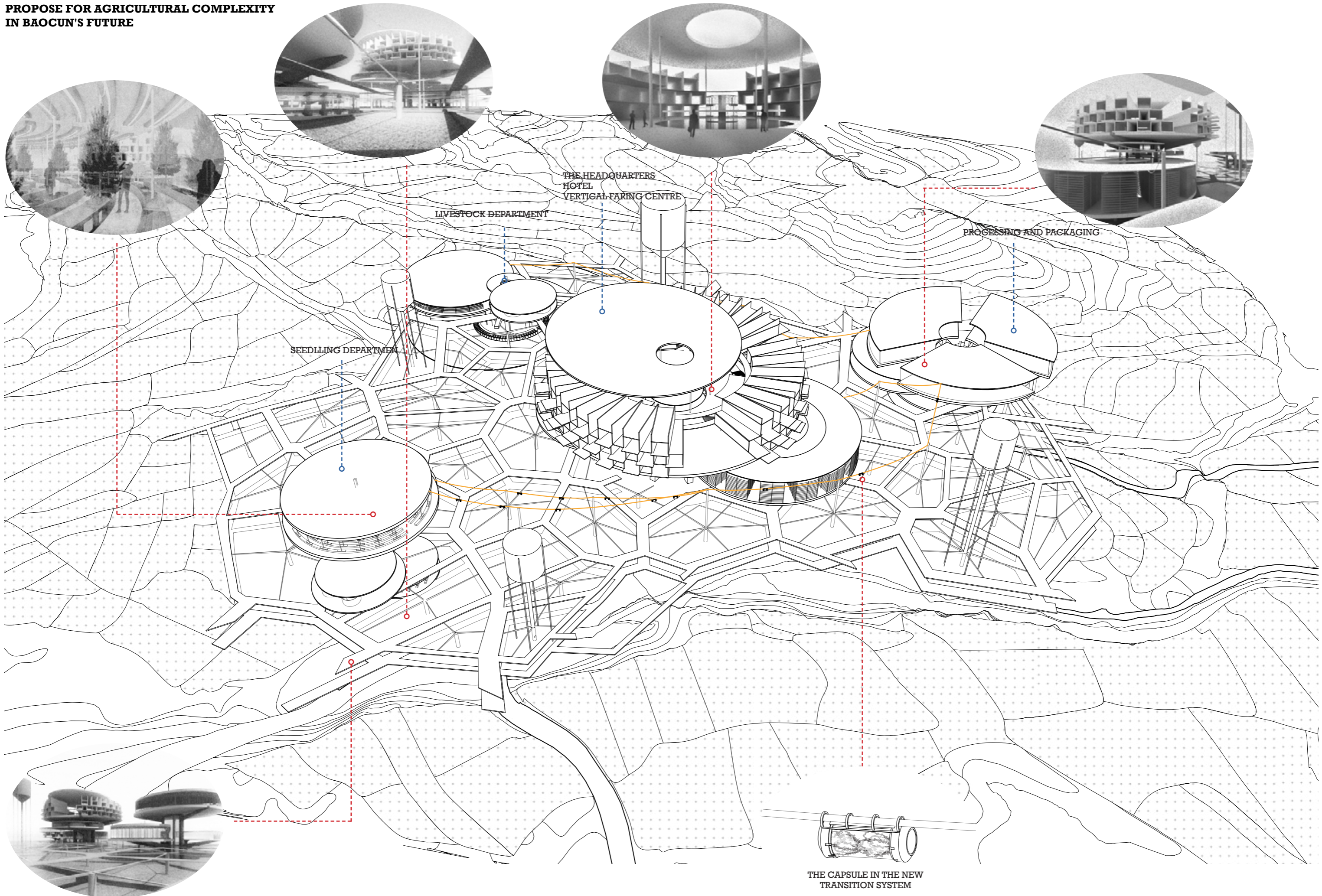
WORK FLOW



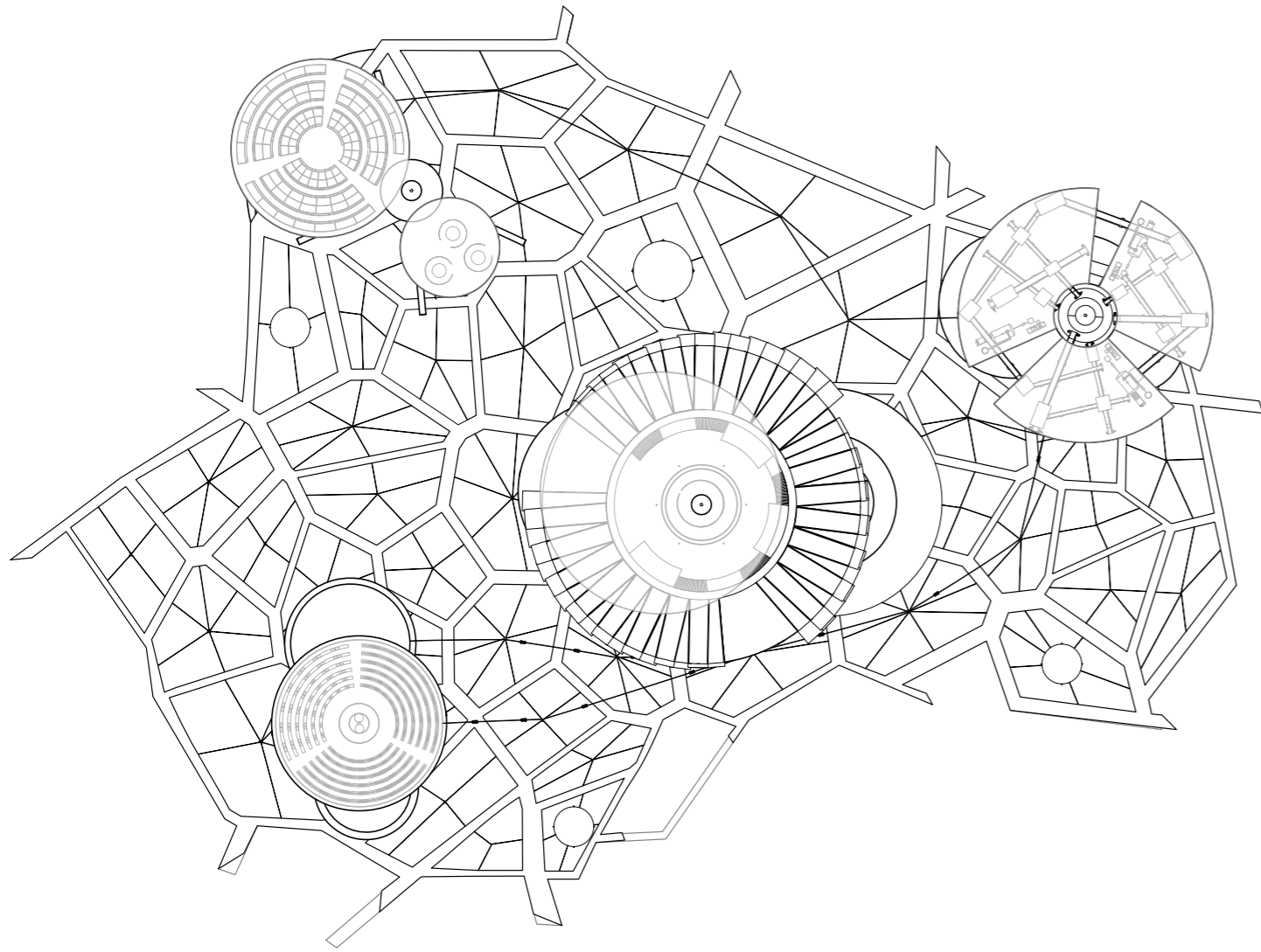
FARM COMPLEXITY COMPONENTS



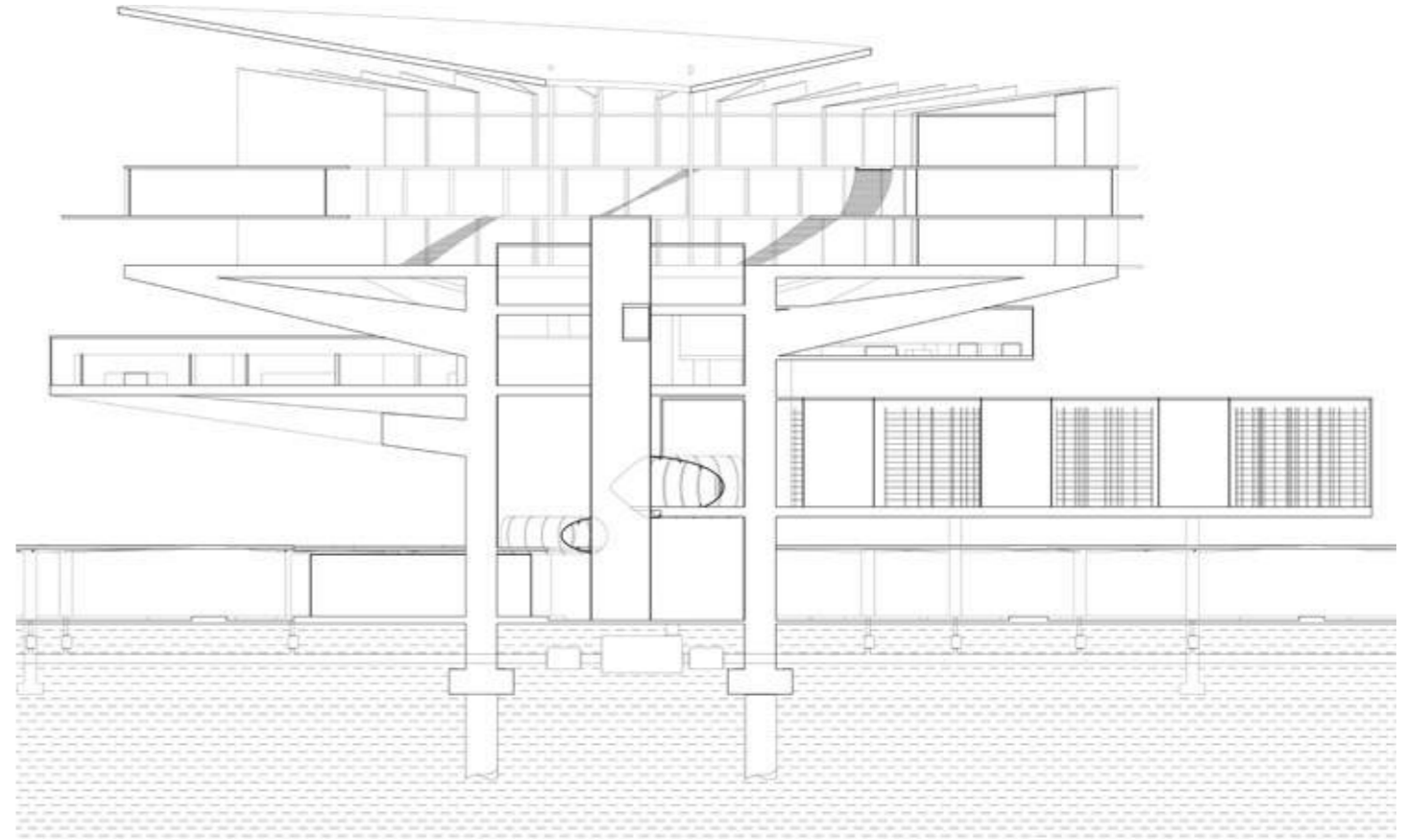
**PROPOSE FOR AGRICULTURAL COMPLEXITY
IN BAOCUN'S FUTURE**



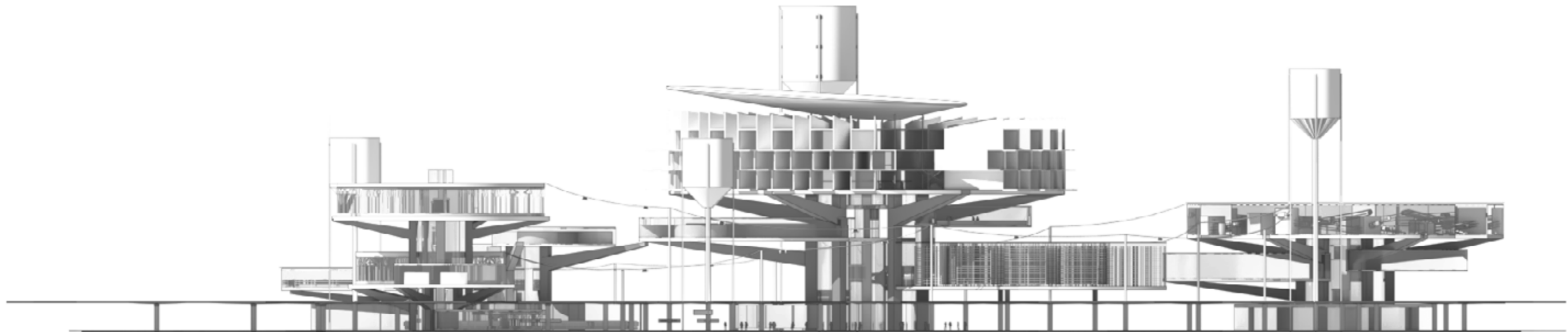
**THE CAPSULE IN THE NEW
TRANSITION SYSTEM**



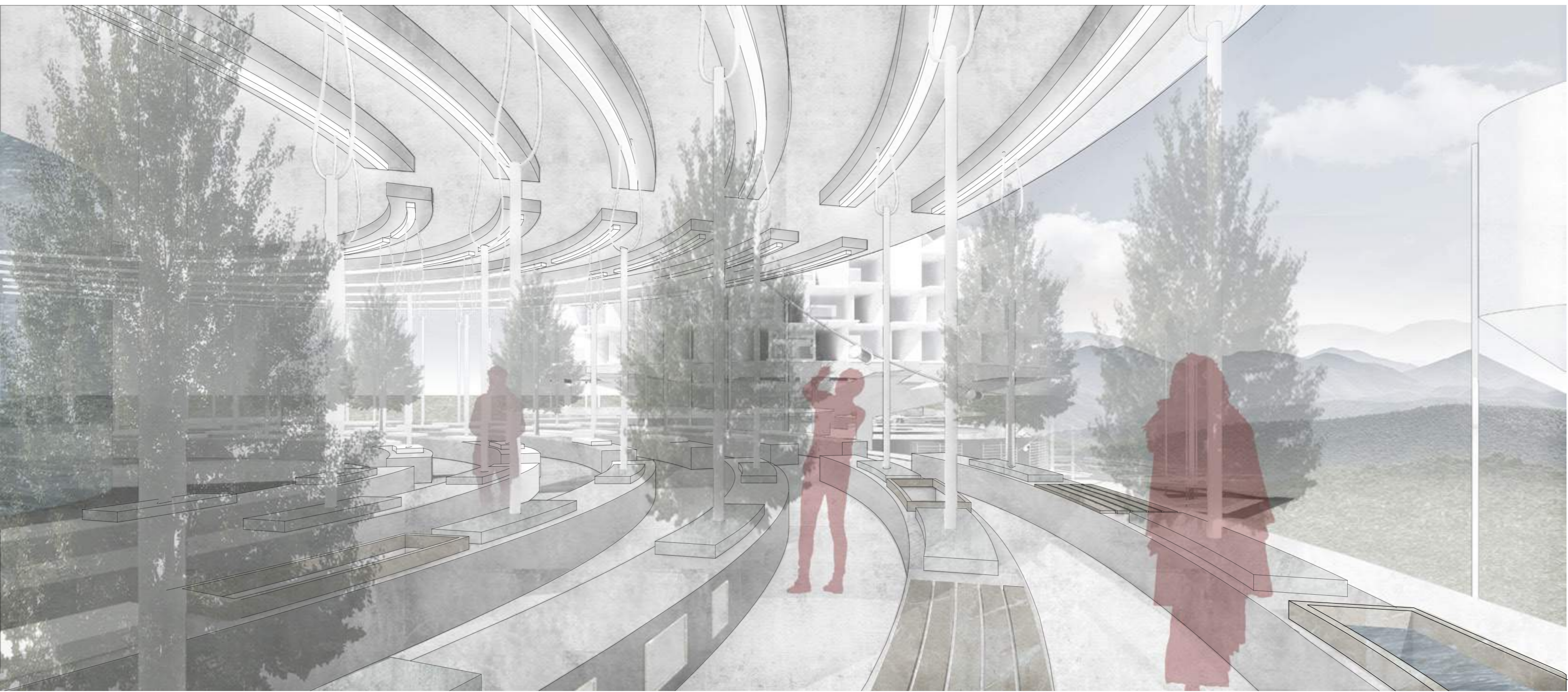
TOP VIEW

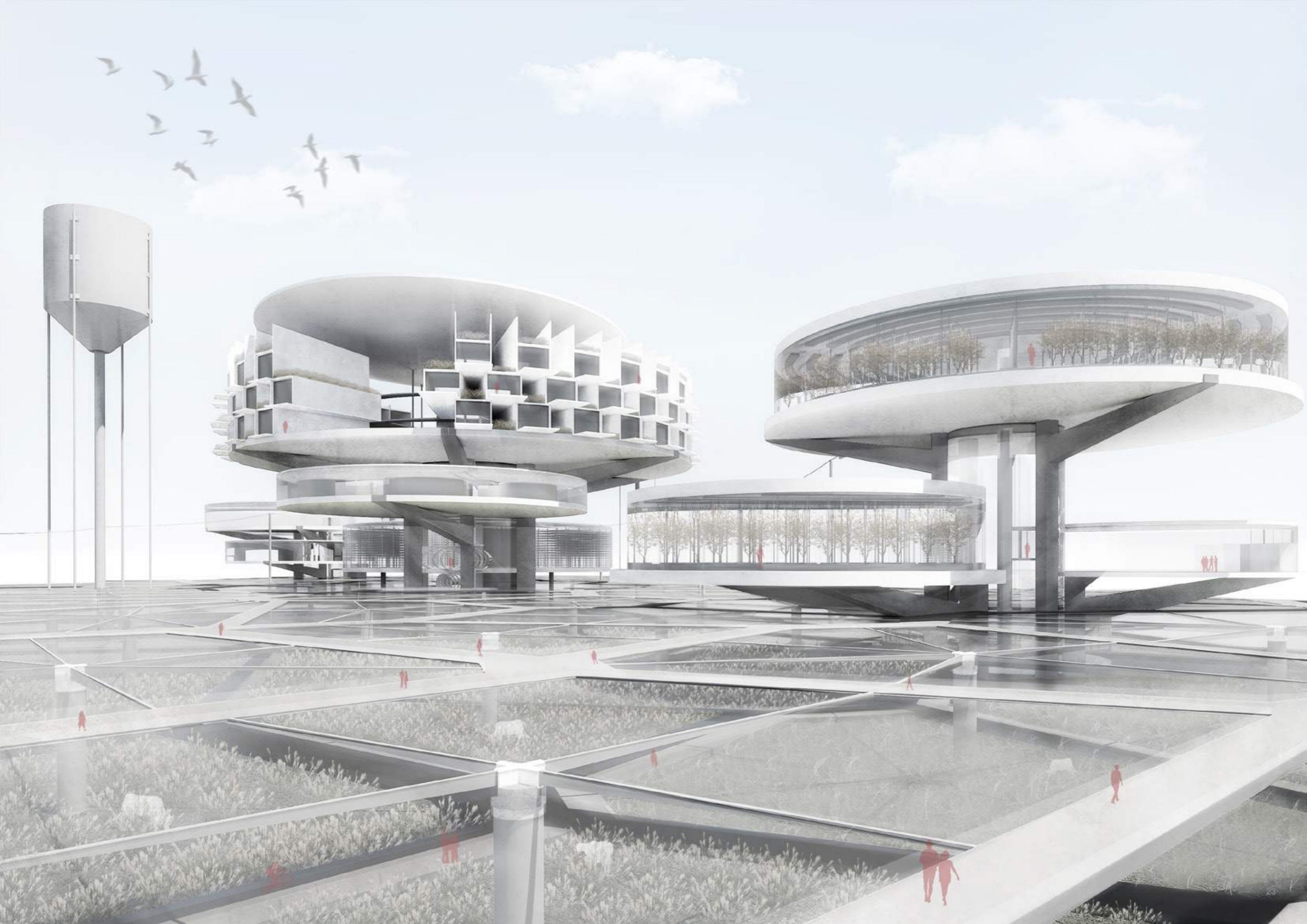


NORTH SECTION OF THE MAIN BUILDING



FRONT(SOUTH) ELEVATION





04 Nest We Grow Research and Renovation

2017 CONSTRUCTION PROJECT

GROUP WORK:

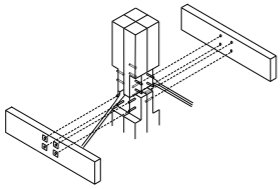
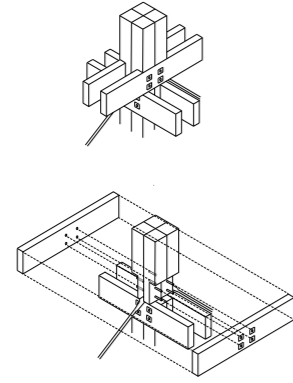
XINYUE CONG SHUYI HAO YAXIN JIANG

YANGKENAN LI

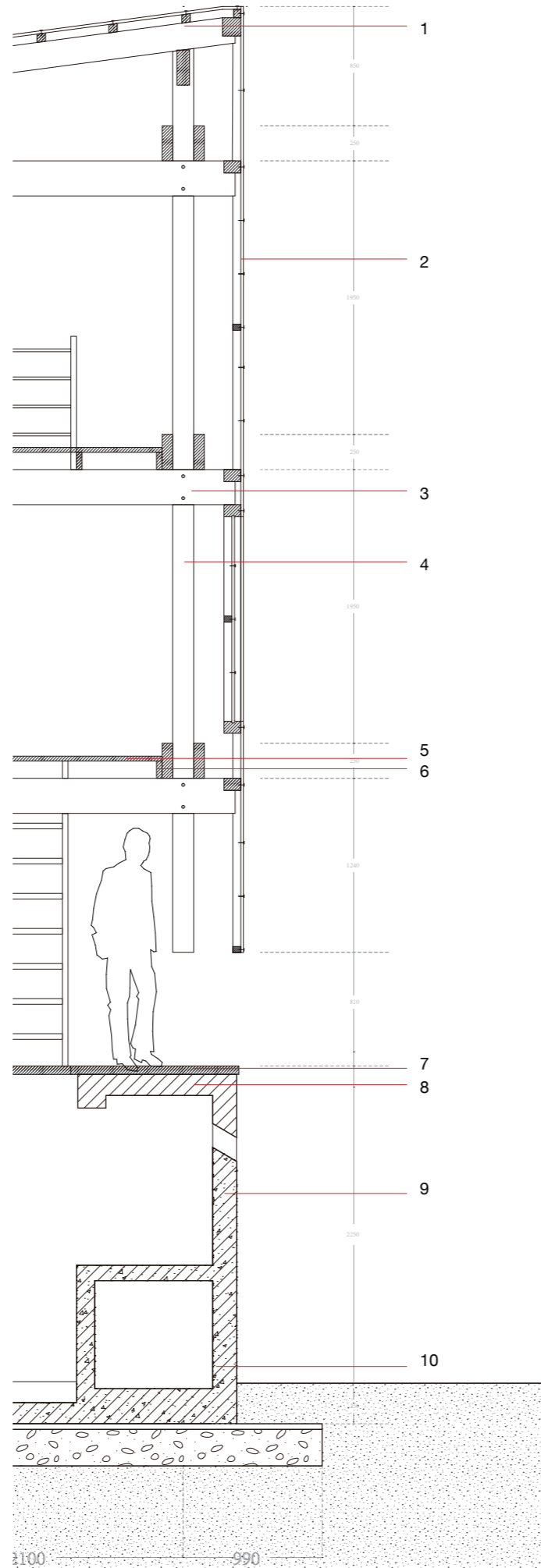
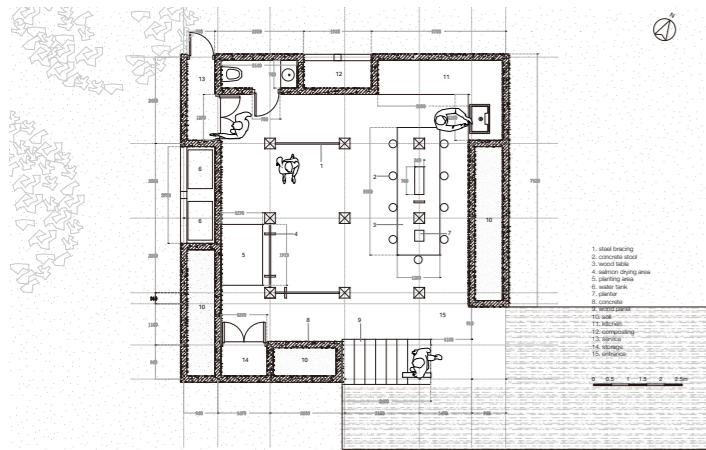
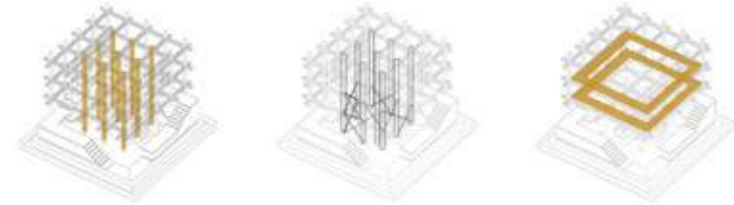
JINGHONG LI



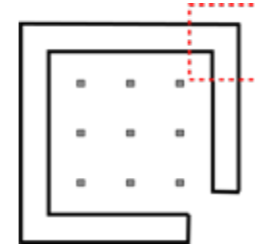
Beam to Column Connection Detail



Structure and Bracing



EXISTING SECTION RENDERED AXONOMETRIC 1:50

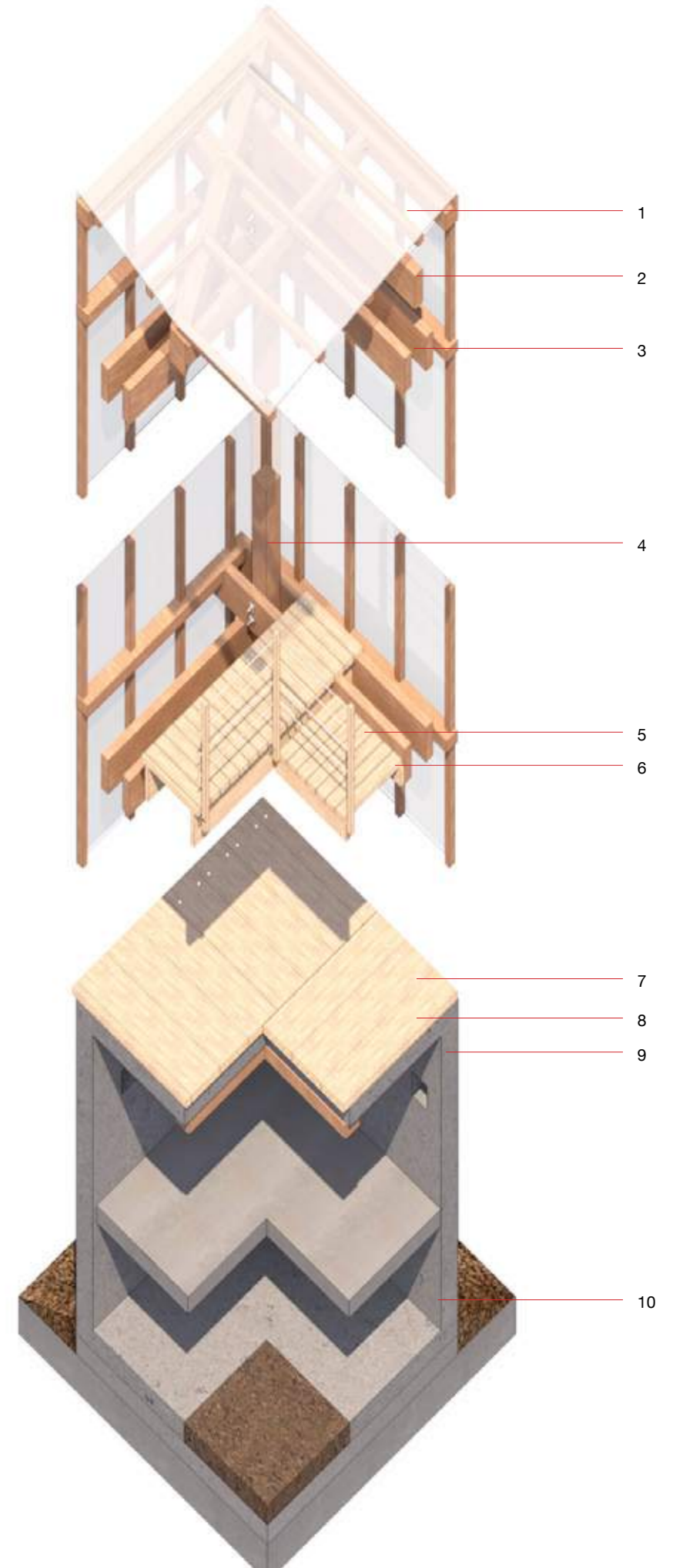


1.roof system:
 20 mm transparent corrugated panel
 50/85 mm wooden support
 75/150mm wooden support
 150/250 mm wooden rafter

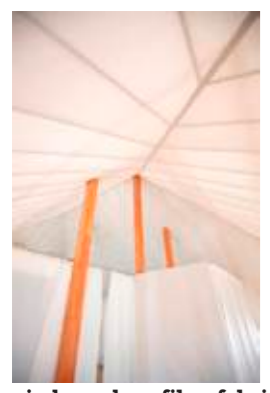
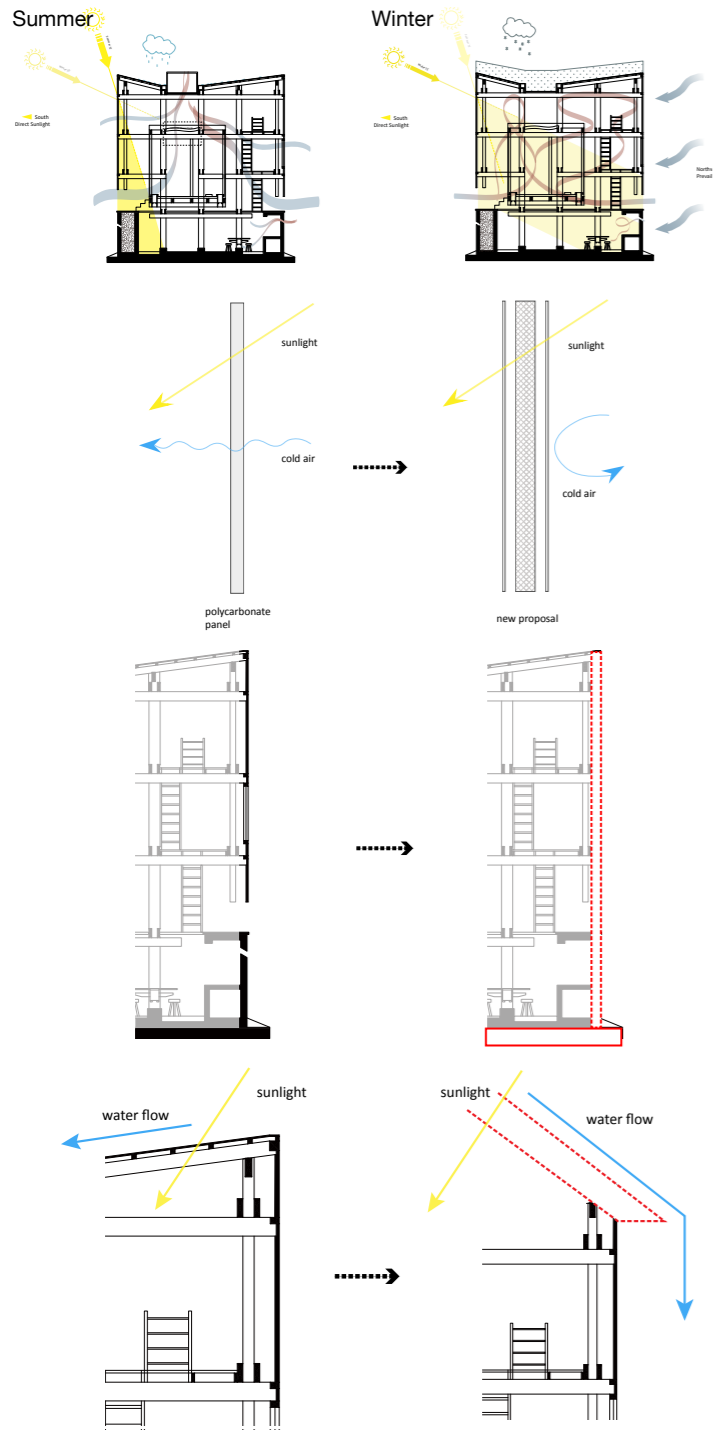
2.wall system:
 20 mm transparent corrugated panel
 85/50mm wooden support
 60/50 mm wooden support

3.250/75 mm wooden beam
 4.150/150 mm secondary wooden column
 5.600/95/35 mm wood panel
 6.125/40mm wooden support
 7.1200/300/60 mm wood panel
 8.150 mm concrete slab
 9.180 mm concrete wall
 with 175/155mm ventilation holes

10.foundation system:
 gravel
 300 mm Concrete strip
 150 mm soil
 150mm +300 mm concrete

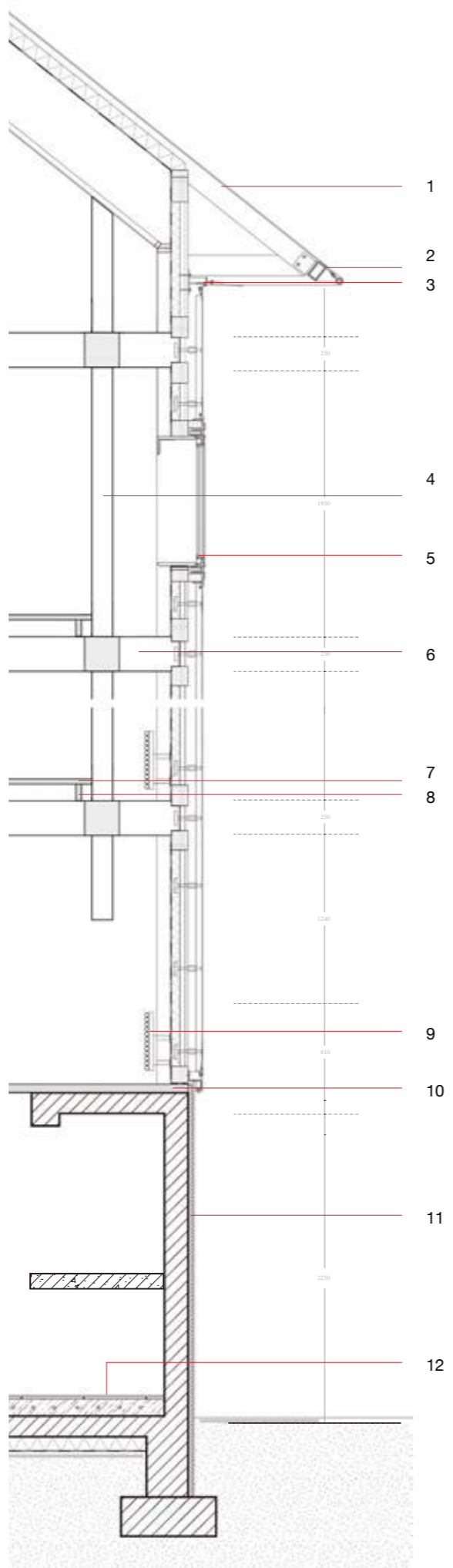


RENOVATION
MATERIALS AND STRUCTURE
FOR ENVIRONMENTAL PERFORMANCE

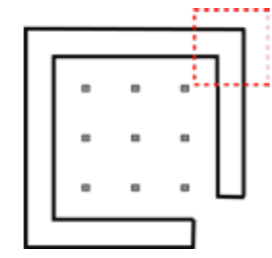


Therefore, the new proposal is to replace the original polycarbonate skin by the translucent system and completely close the skin structure. The roof, as mentioned above, instead of an intilted one, is suggested to change to a pitched one with a same materiality choice of the wall to allow the light in. The original design leaves most of the ground area untouched, which means visitors will stand directly on the soil. In order to improve the thermal performance of the ground floor, the untouched area is all covered with the new floor system, which is equipped with heating pipework and wrapped by rigid insulation.

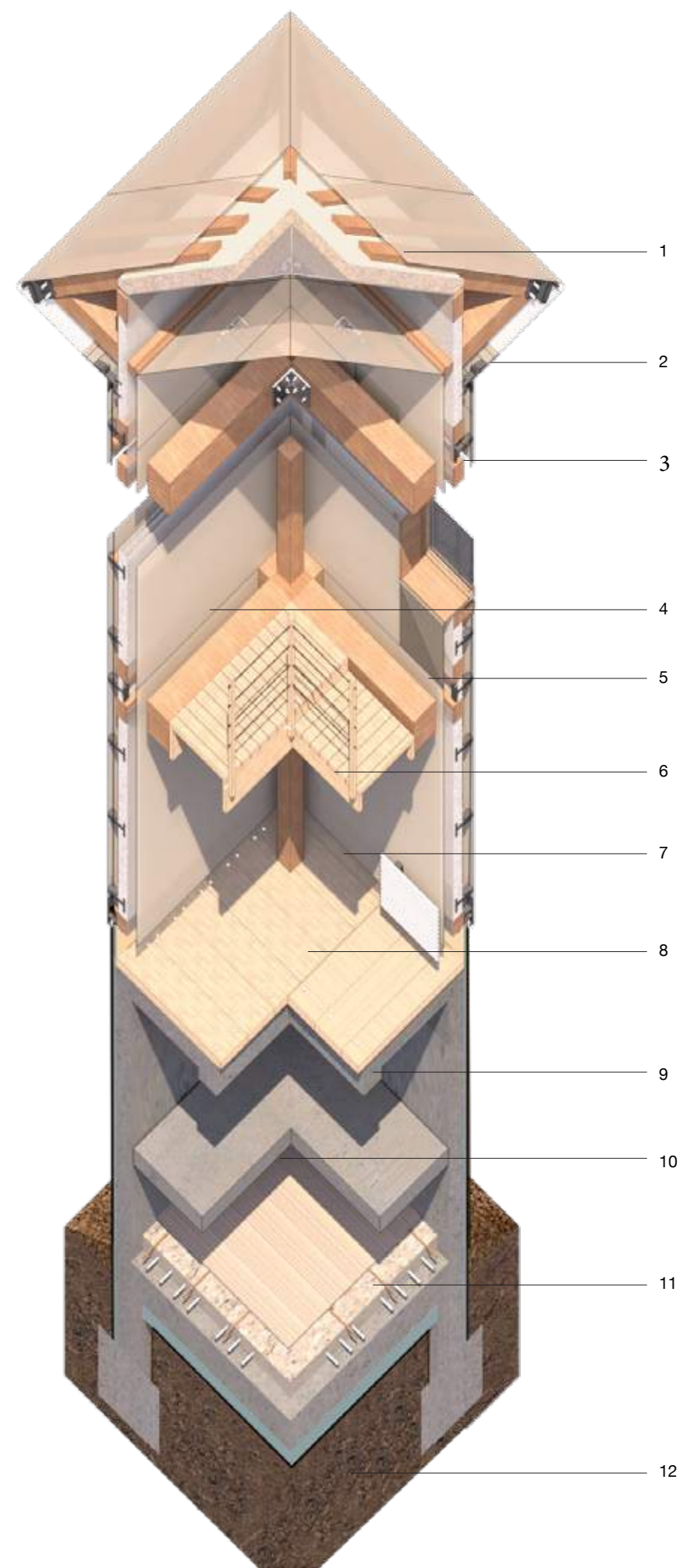
indoor glass-fibre fabric



REDESIGNED SECTION
RENDERED AXONOMETRIC
1:50



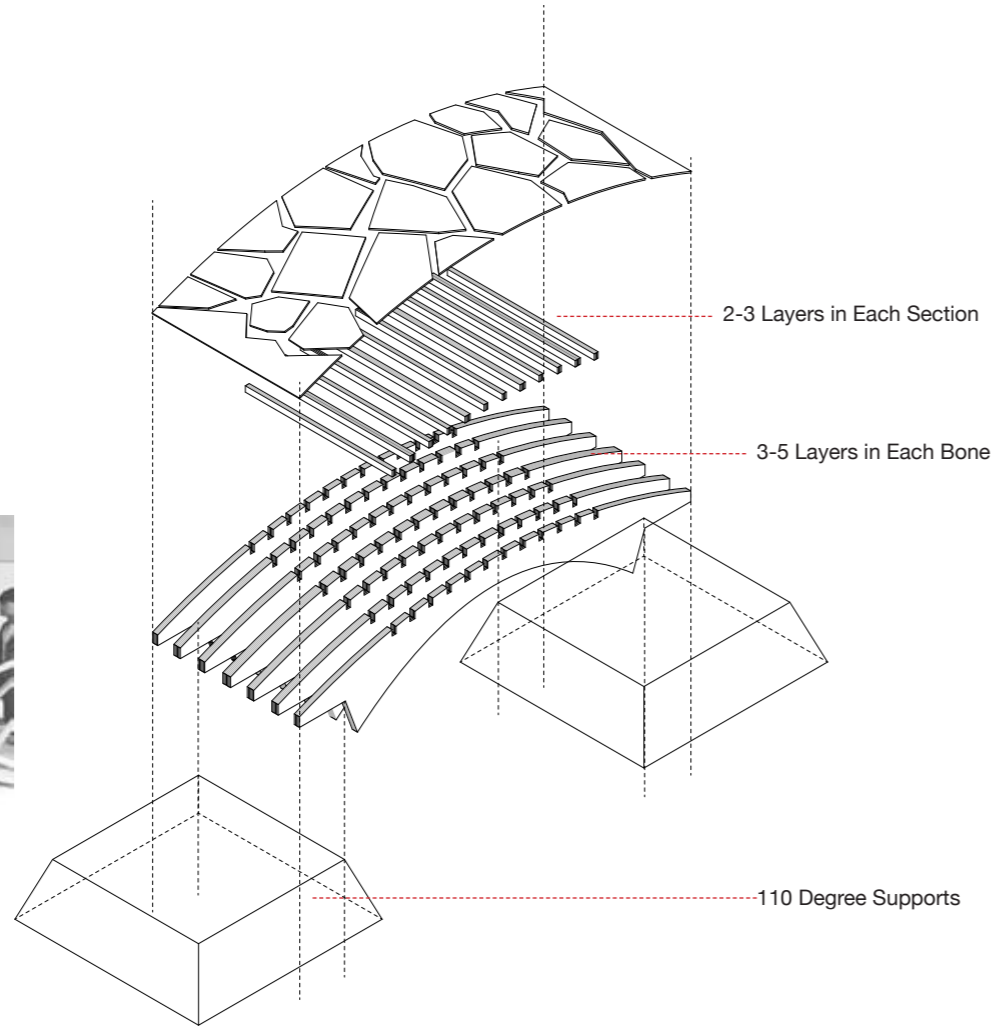
1. roof system
 polyester fabric membrane, fluorocarbon-coated
 100 mm polyester-fibre thermal insulation between
 150/60 mm larch rafters vapour retarder
 30/30 mm battens, suspended glass-fibre fabric with Velcro connection
2. edge profile
 125/75/4.5 mm steel RHS
 Ø40/3.5 mm steel CHS and 6 mm sheet steel
3. 50/50/4 mm steel-angle spacer
4. 150/150 mm secondary wooden column
5. window system
 polyester fabric membrane, fluorocarbon-coated
 100 mm air space
 100 mm translucent polyester-fibre ins. between
 120/120 mm larch posts polythene vapour membrane;
 100/30 mm battens glass-fibre fabric with Velcro connection
6. 250/250 mm wooden beam
7. 600/95/35 mm wood panel
8. 125/40mm wooden support
9. radiators
10. 200/300/60 mm wood panel
11. wall system 2
 10 mm aluminium panel
 100 mm rigid insulation
 180 mm concrete wall
12. foundation system:
 50mm wood floor
 20/20mm wood support
 100 mm heating screed
 150 mm reinforced concrete
 100mm rigid insulation
 2mm waterproof
 300 mm gravel bed



OTHER WORK

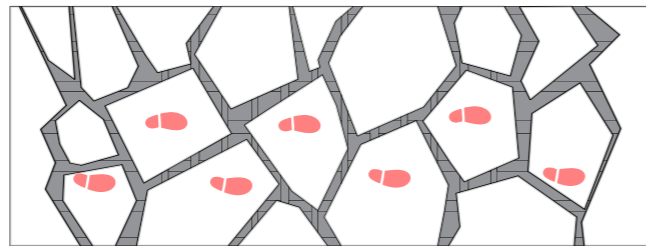
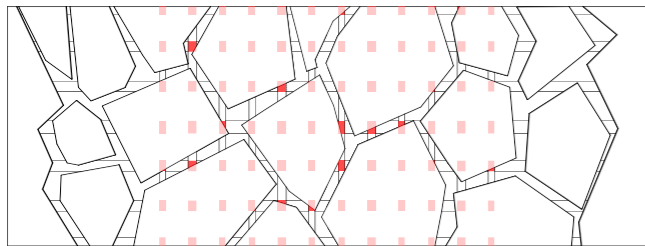
01 FLOATING ICE

BRIDGE FOR CHILDREN
 2015 CONSTRUCTION PROJECT
 GROUP WORK:
 JINGHONG LI XINYUE CONG
 XINRAN LI HOUZHE ZHANG
 HONGRU ZHANG
 AWARD:
 CHILDREN'S CHOICE 2015 BEST
 CRADBOARD AWARD



DESIGN REQUESTS

The material is limited to A1 7mm cardboard, to build a 1:1 small bridge that can bear 40 kg. Due to the exhibition platform, the bridge size is limited to 1.2m * 0.8 m.
 The inspiration of the bridge is the floating ice in the polar region, aiming to increase children's joy.
 The bone sharp referring to a historical Chinese bridge, Zhao Jia Qiao. We adjusted the footing angle according to the display platform's slope for firmer support.



FLOATING COVERING

The detailed placement was driven by aesthetic needs (covering the underneath grid junction), the children movement and children foot dimensions.



REAL MODEL IN THE EXHIBITION

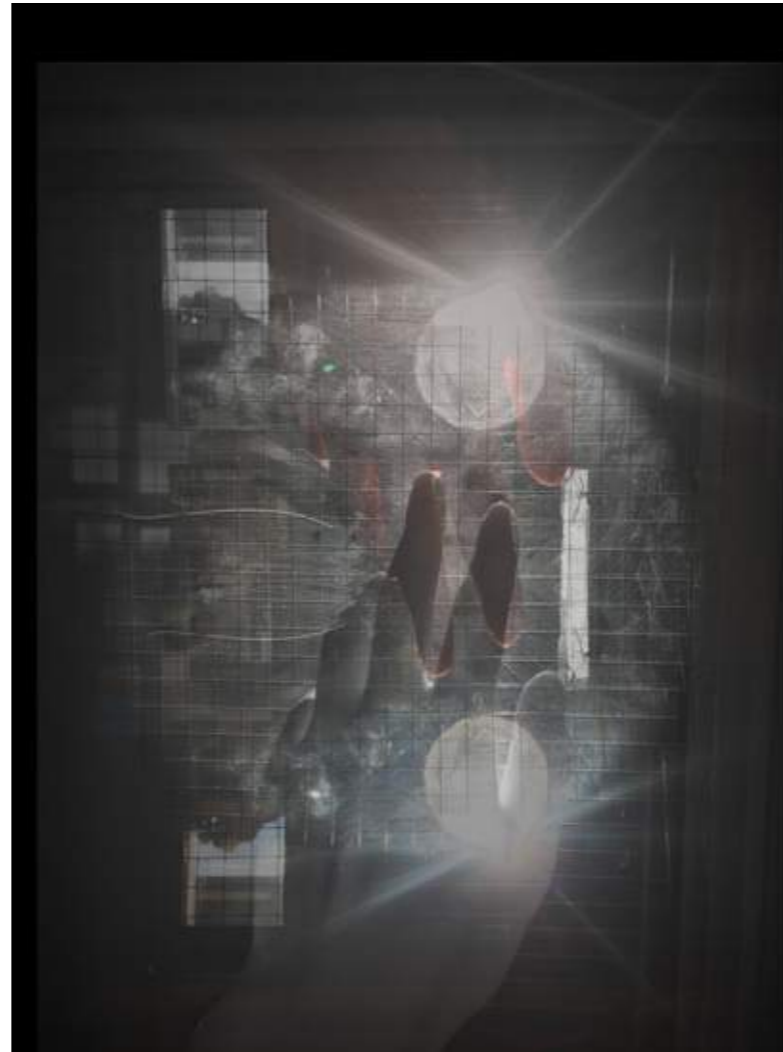


02 WENXING PLAZA'S RHAPSODY I II III (MODEL & COLLAGE)



'Grandpapa, did my toy building really exist?'
 'Of course, dear. I still remember their beauty.'
 'Then, why can't I find any?'
 '...Sorry my dear. People only cared about money, and those building are gone forever...I wish you could see them through my dreams and stories.'

03 LIVERPOOL-FORGOTTEN IN NOTOPIA



MOONSUN SUNMOON

I sought
I found
I backed to the origin

I desaturated
I painted
You gave me the colours

You are a loop
You are lines
You are a spiral

I am creating you
You are sharpening me

To Architecture

THANK YOU FOR REVIEWING

Jinghong Li

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854469417@qq.com**

BA Architecture Student-- University of Liverpool