

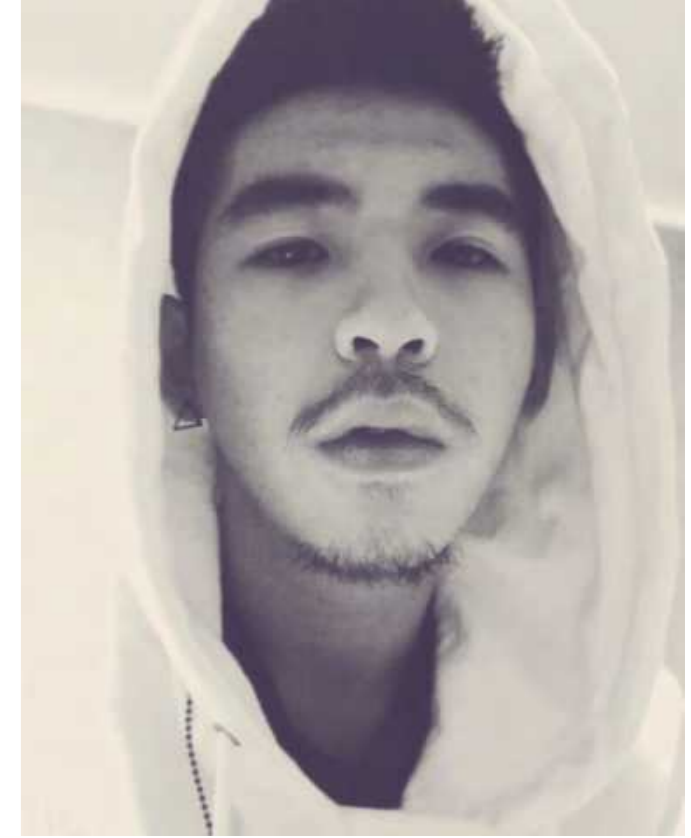
INTERIOR DESIGN PORTFOLIO

XINGYU CHEN



CONTENT

Lattice Box	01
Torque Zone	07
Other works	19
	11 Spring Quadrangle
	15 Encore_echo



Personal Information
Name: Xingyu CHEN
Date of Birth: 17 May 1998
Nationality: Chinese
Phone Number: +86 18905388252
E-mail: chenxingyu2020@126.com
Education: Shandong University of Architecture (09/2016-07/2020)
Programme: BFA Environmental Art Design
GPA: 80/100
Other Activities: Art and Entertainment Department of College Student Union
Position: Secretary (10/2016-06/2017) Director (09/2017-10/2018)
Award and Certificate: Third place in College Patriotic Speech Contest (12/2016)

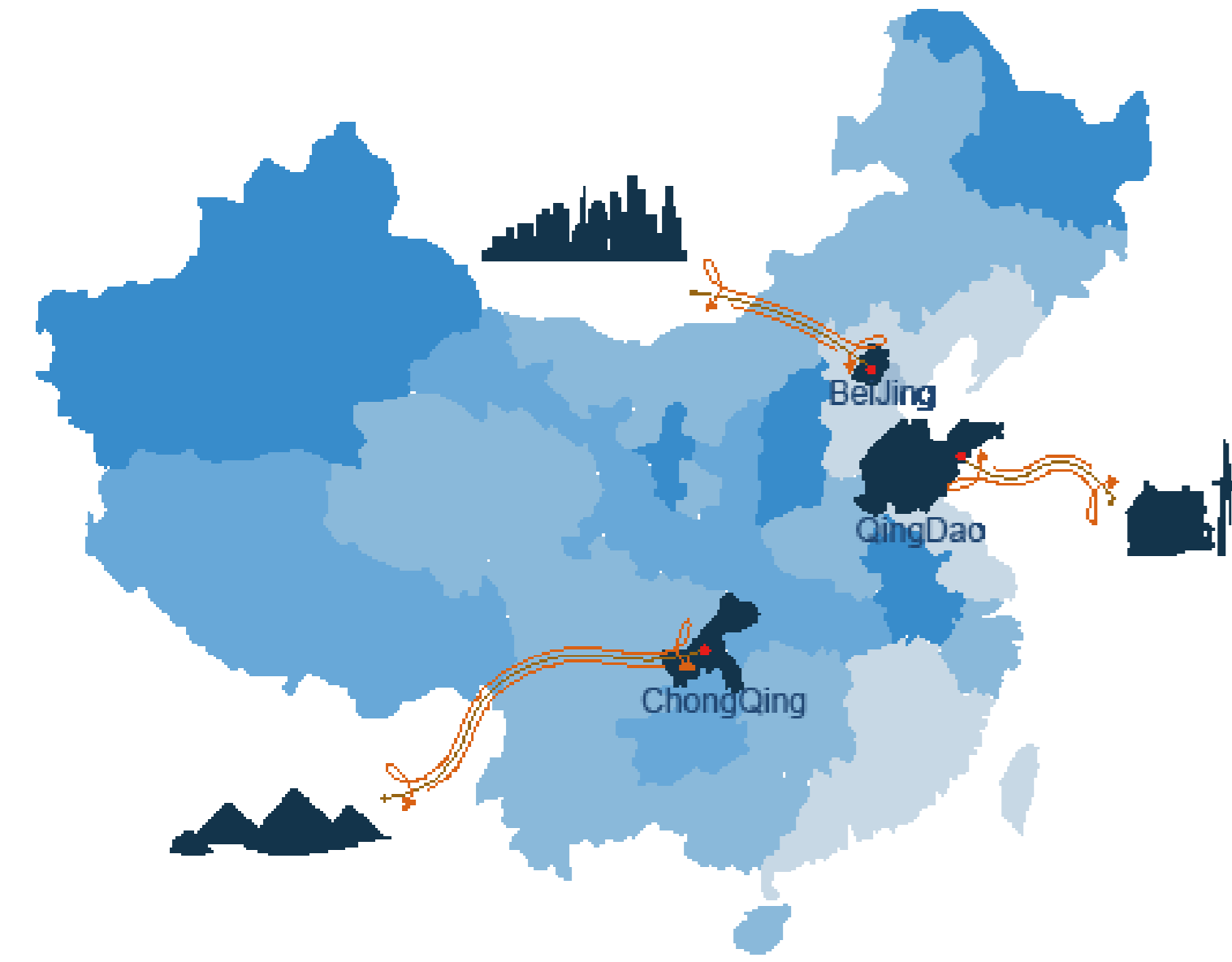


Lattice Box

In the modern large cities, the migrants are eager to have a good place for living. They can only rent some remote houses with poor infrastructure because they can't afford to buy a house. Their living place is far from the working place. Their living environment is not satisfied. This design is to improve their living environment through space reorganization and planning.

PRE-RESEARCH

Present situation



There are serious housing problems in large cities in China because of their large population and small area.

Based on the survey of data of three distinctive large cities, the investigated problems and corresponding solutions are as follows:



Dim lights

Humble facilities

Crowded space

Lack of communication

PROBLEM



Privacy



Dirty



Narrow



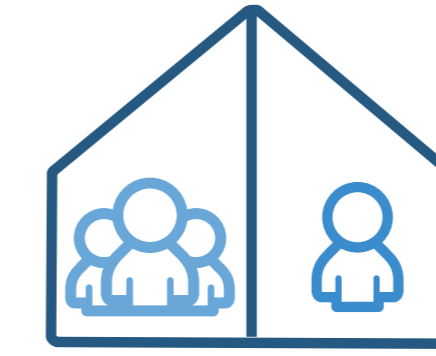
Unaspirant



Depression



DEAL WITH

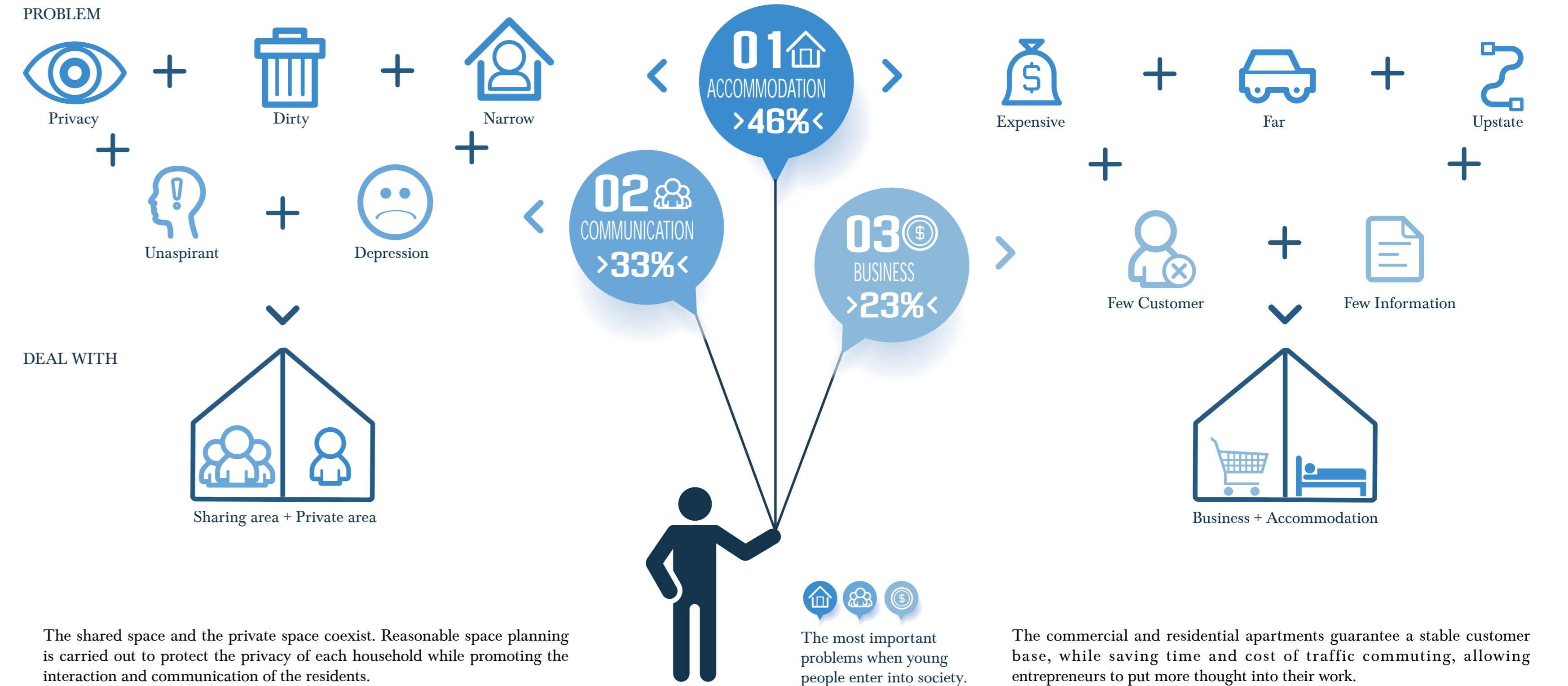


Sharing area + Private area

The shared space and the private space coexist. Reasonable space planning is carried out to protect the privacy of each household while promoting the interaction and communication of the residents.

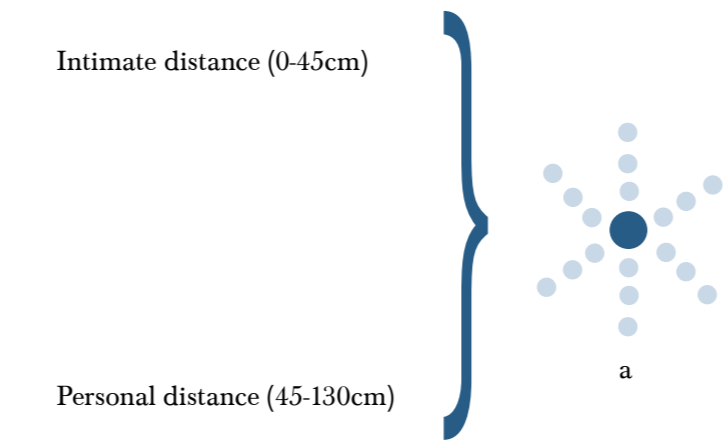
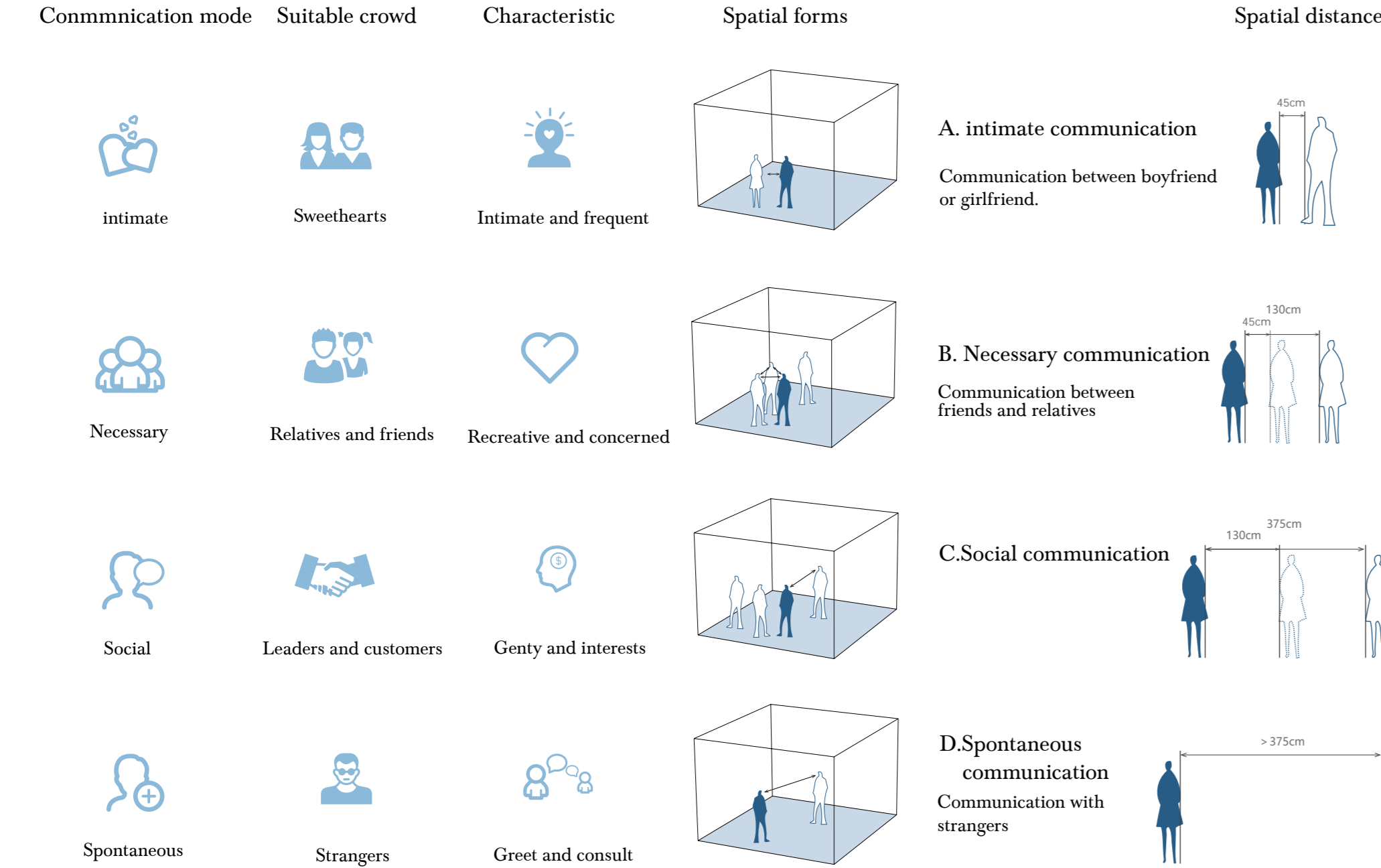
PROBLEMS ANALYSIS

Mind map

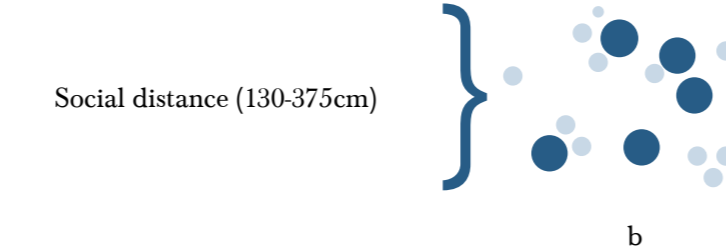


CONCEPT

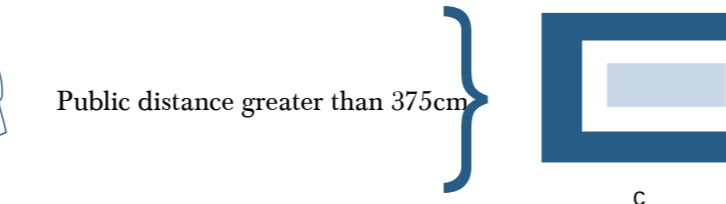
Young people's communication



A. radioactive The function division is clear, but each block is permeated with each other

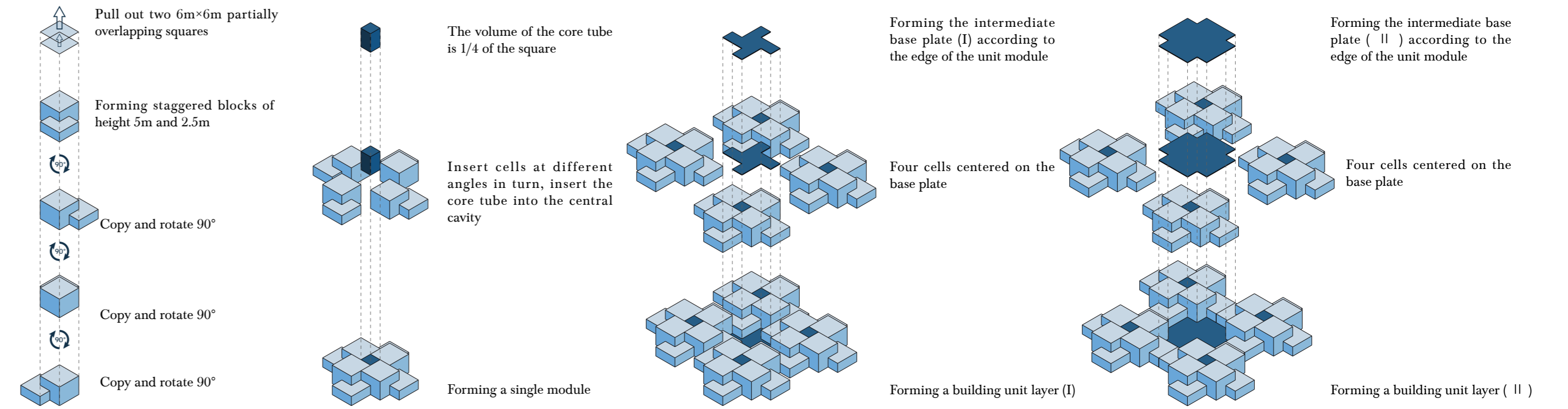


B. distributed Density, flexible layout, can meet different functional requirements.

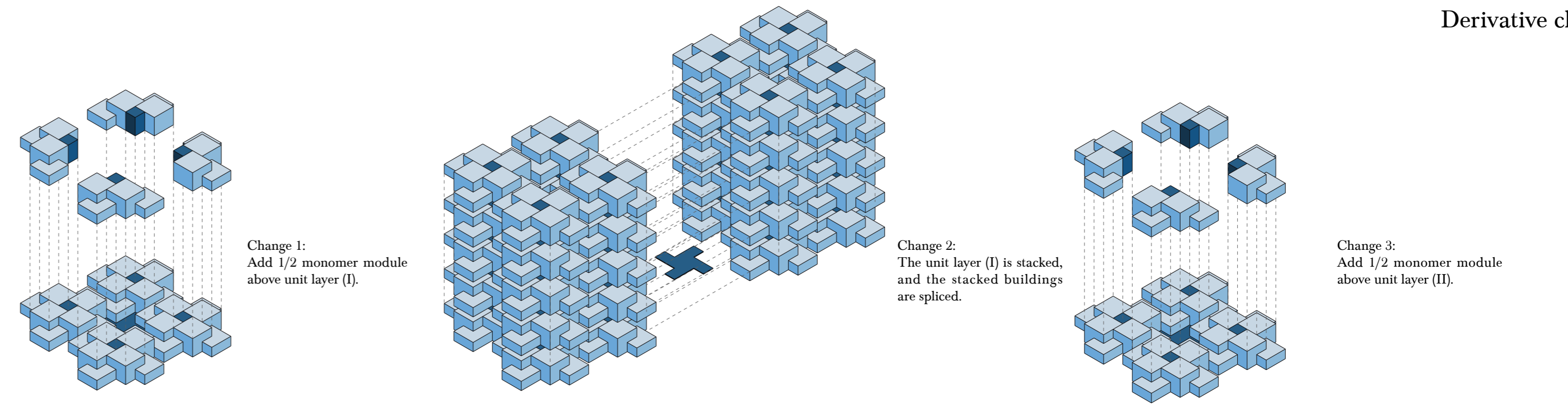


C. distributed Around the layout: to promote the exchange of people.

Forming process

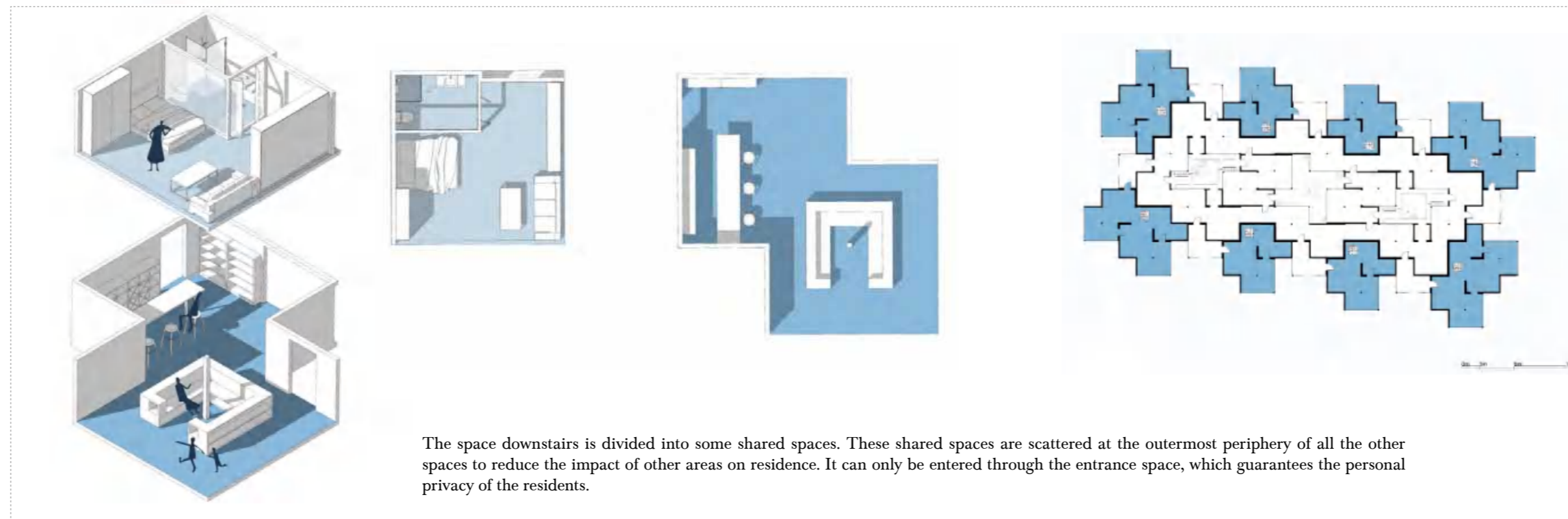
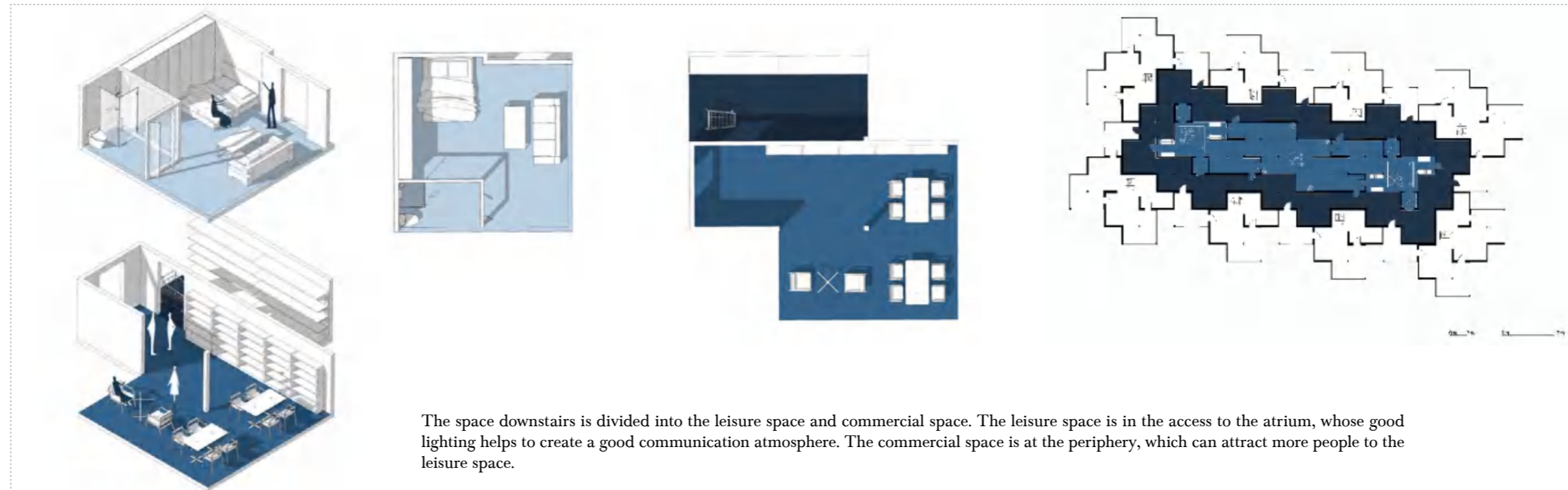
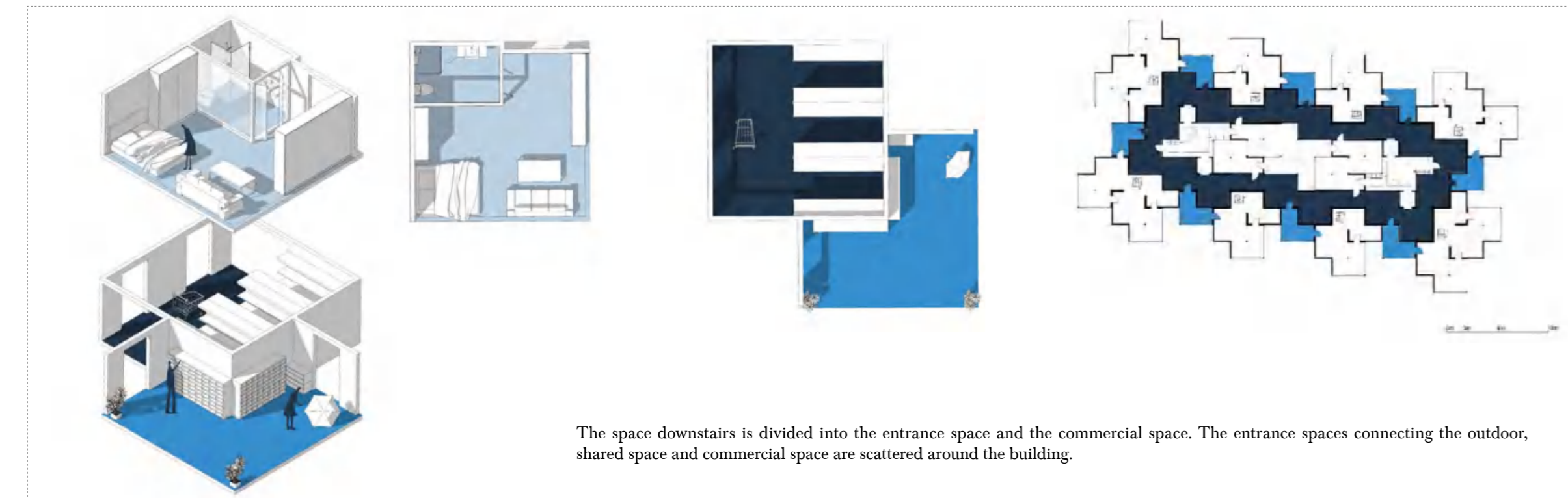
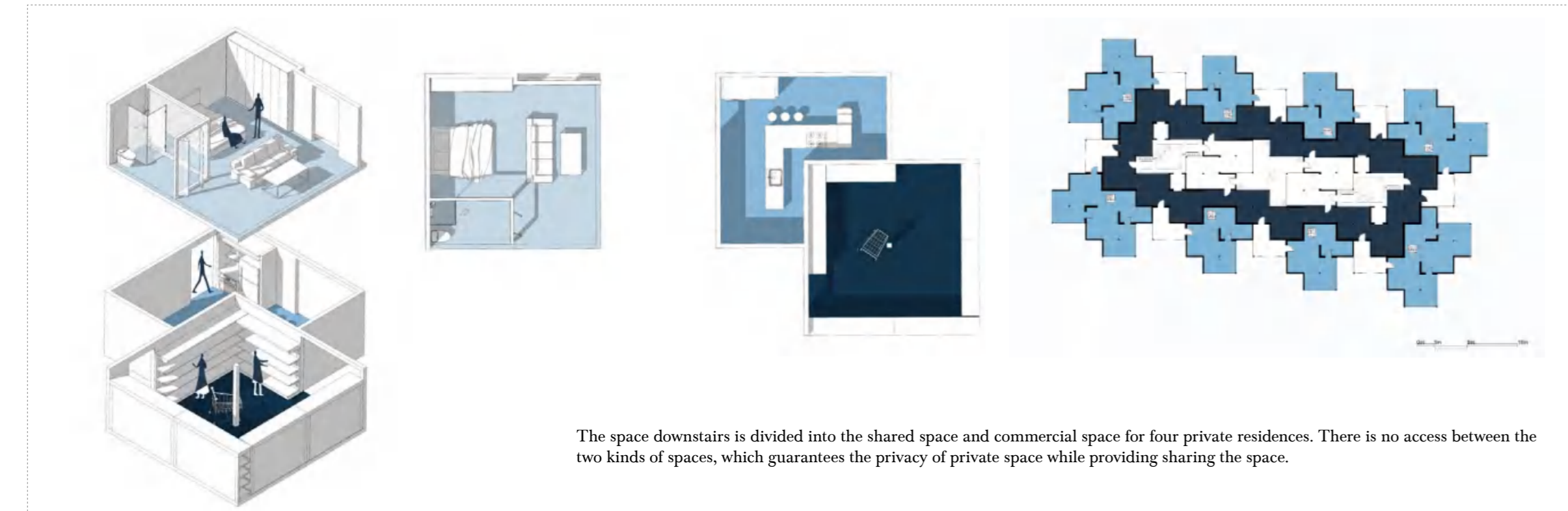


Derivative changes

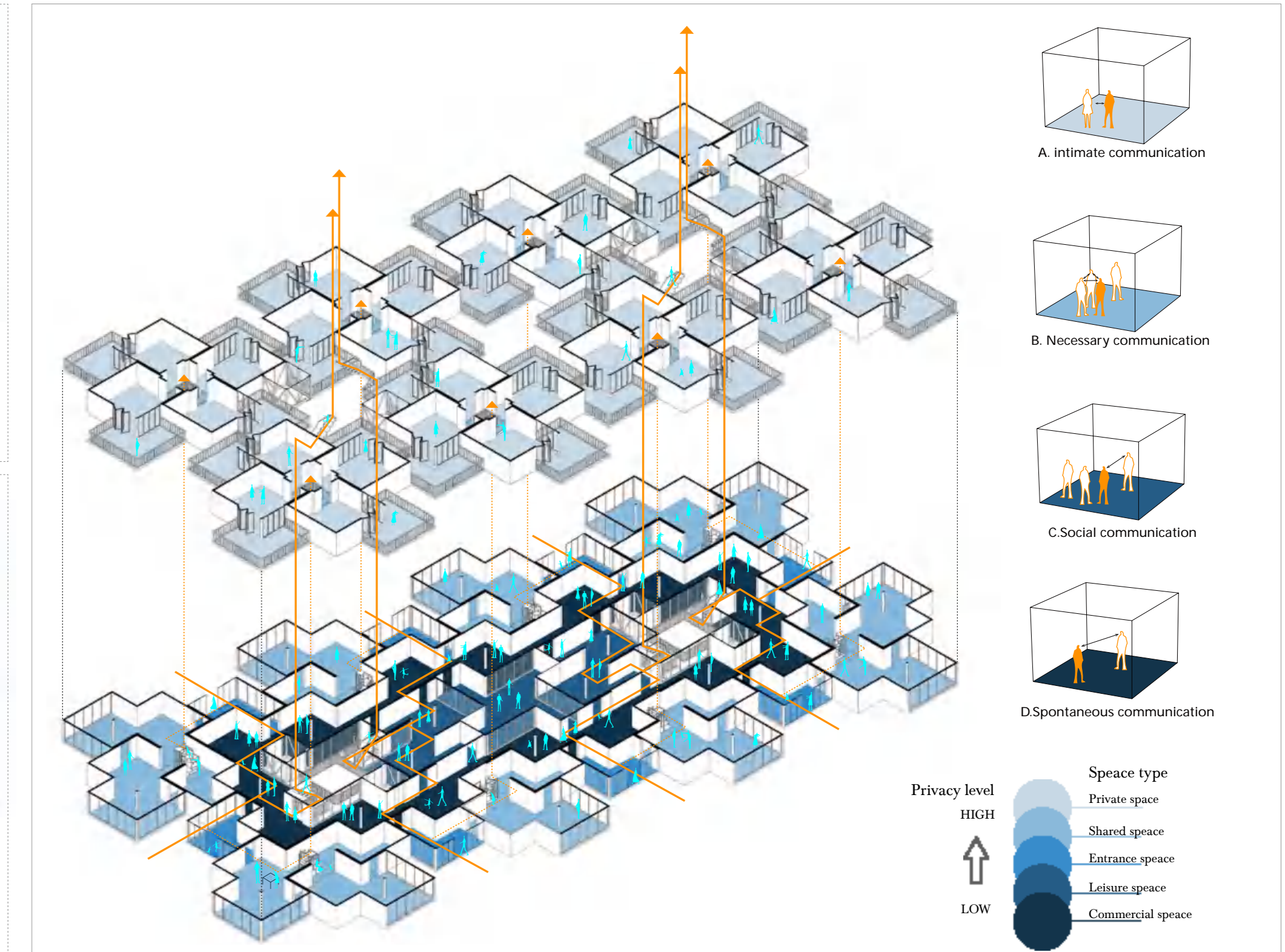


DESIGN CONTENTS

Area division



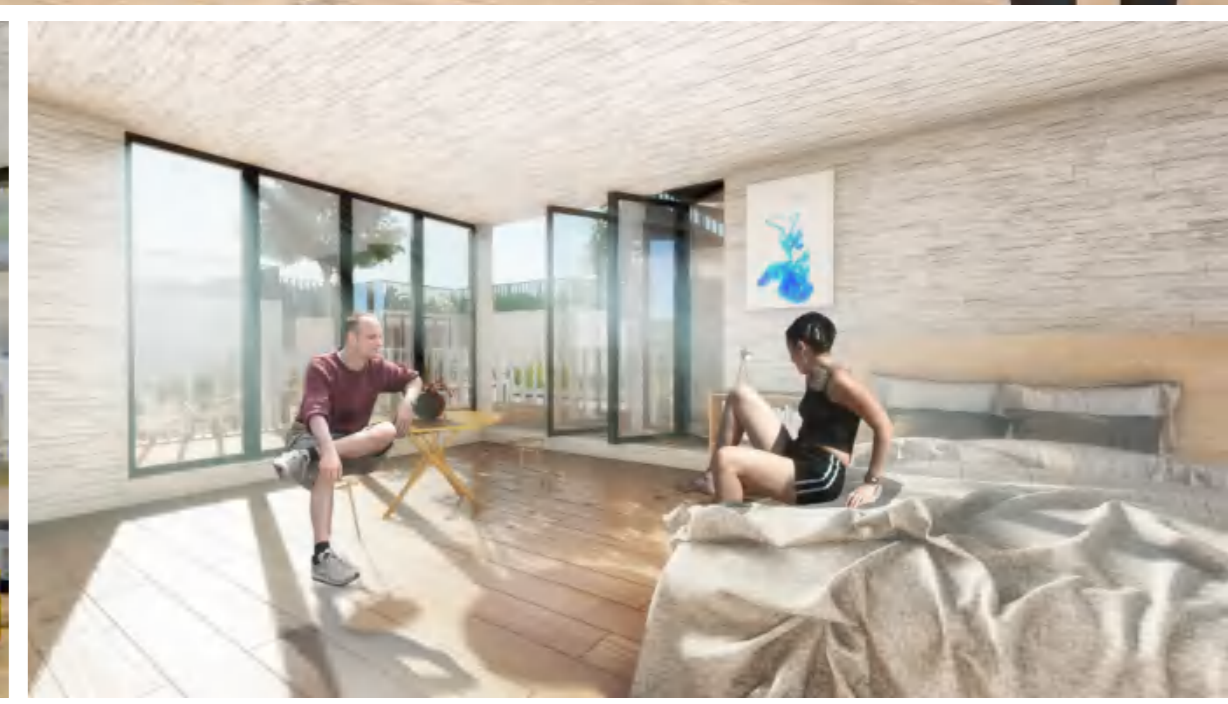
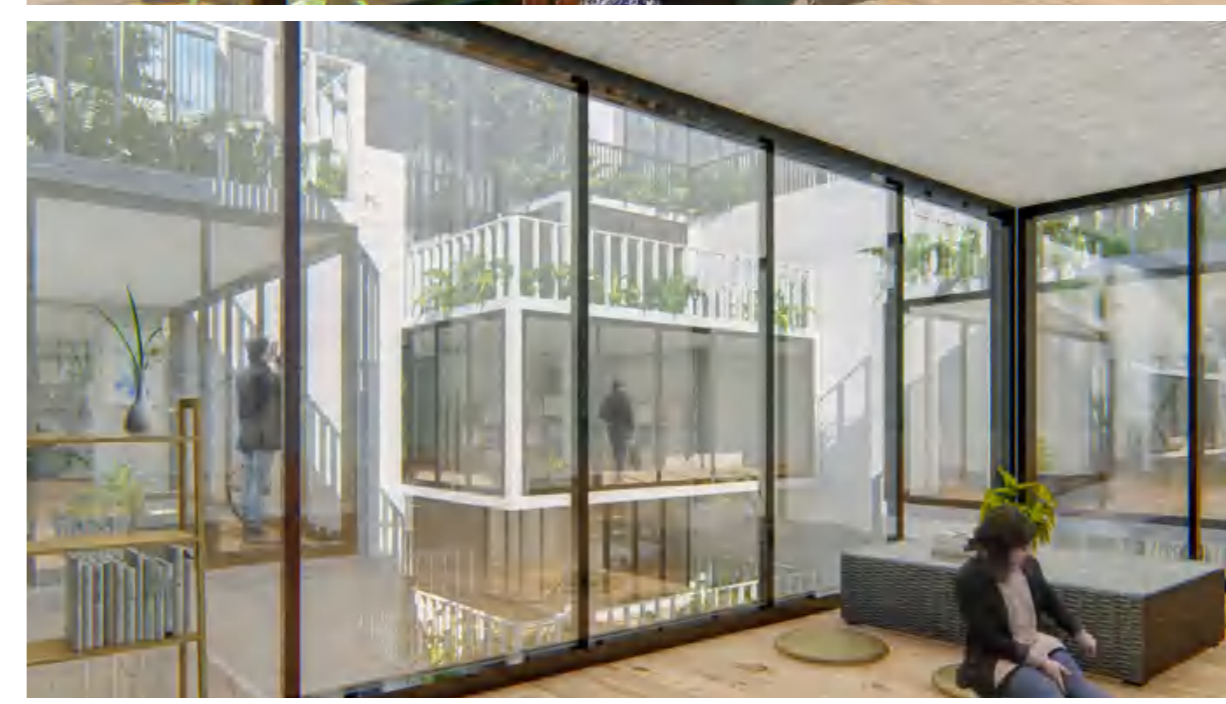
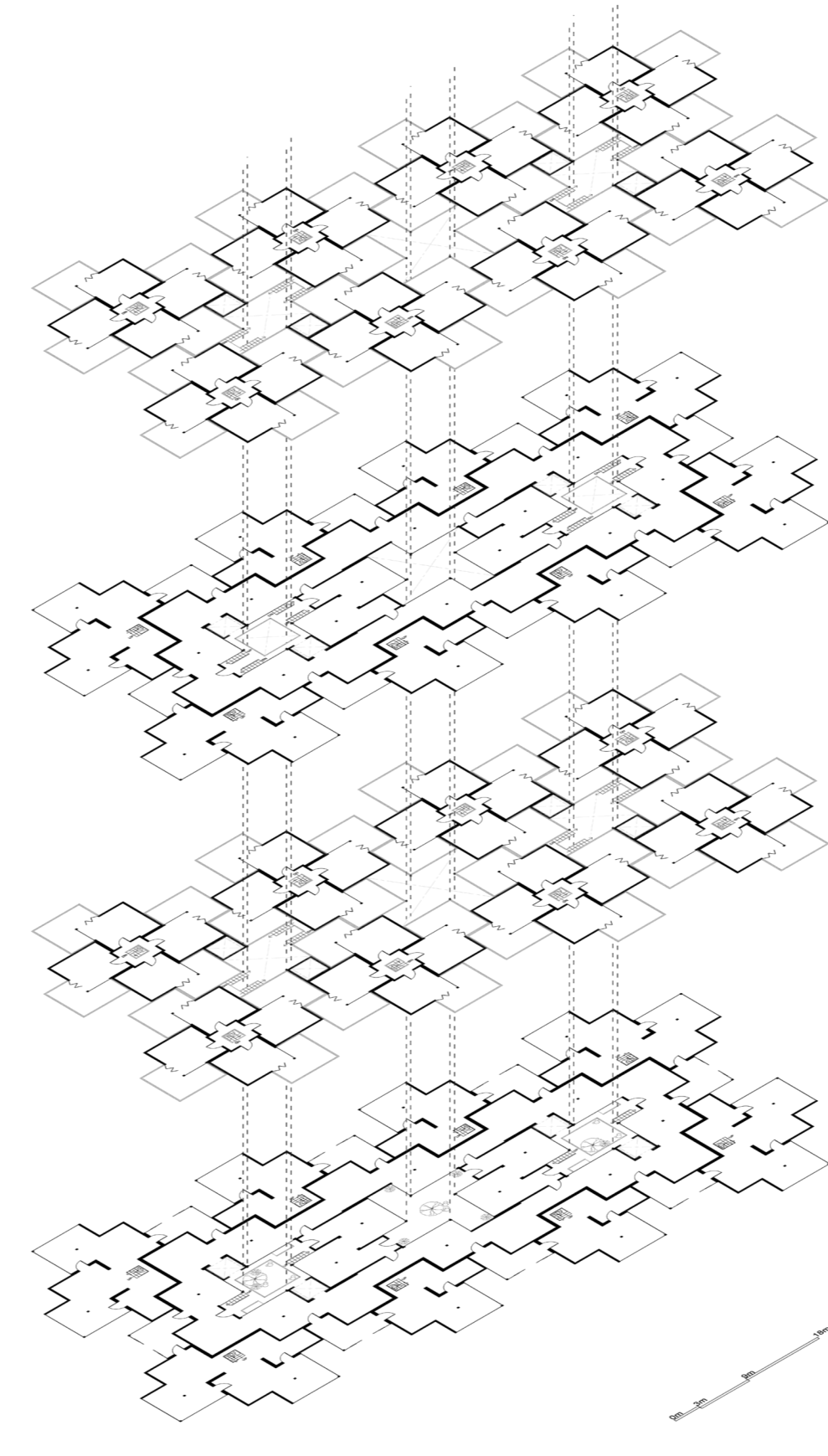
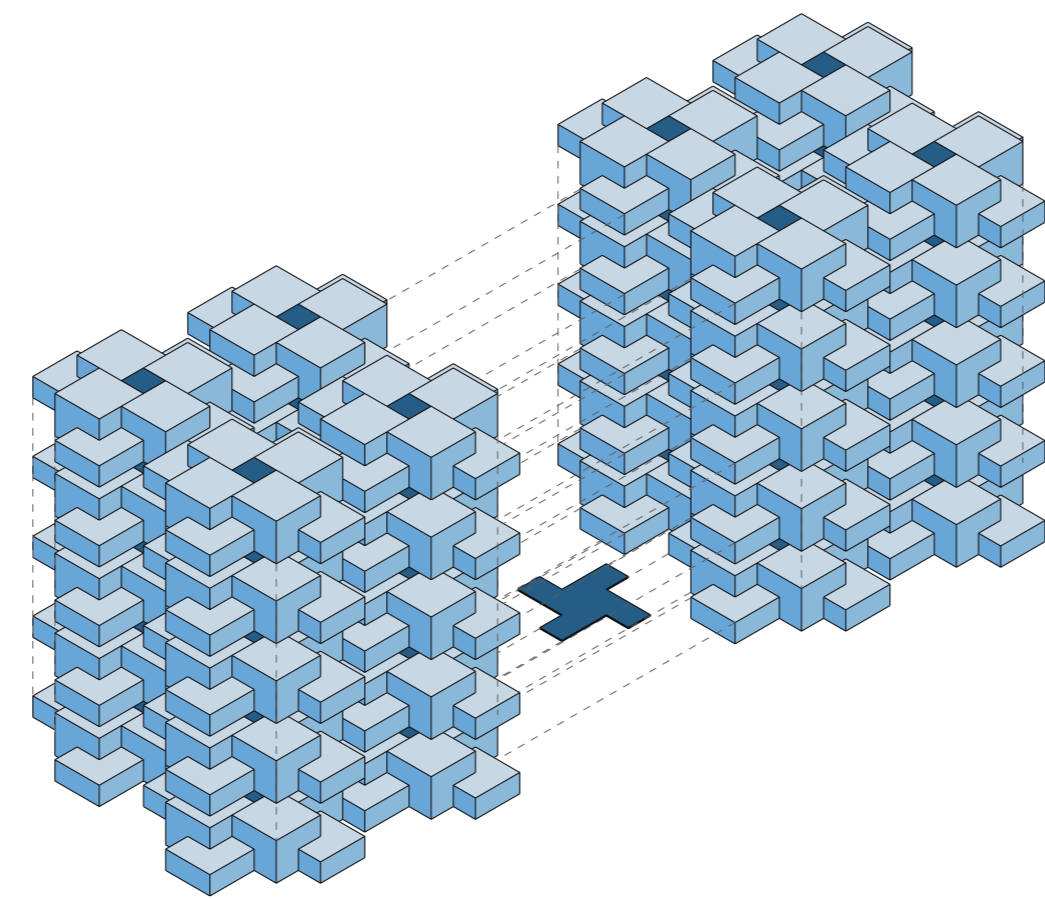
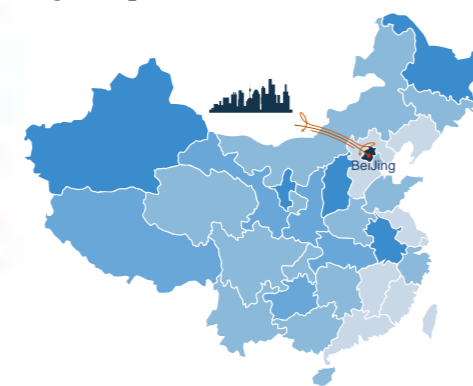
Explosion streamline diagram



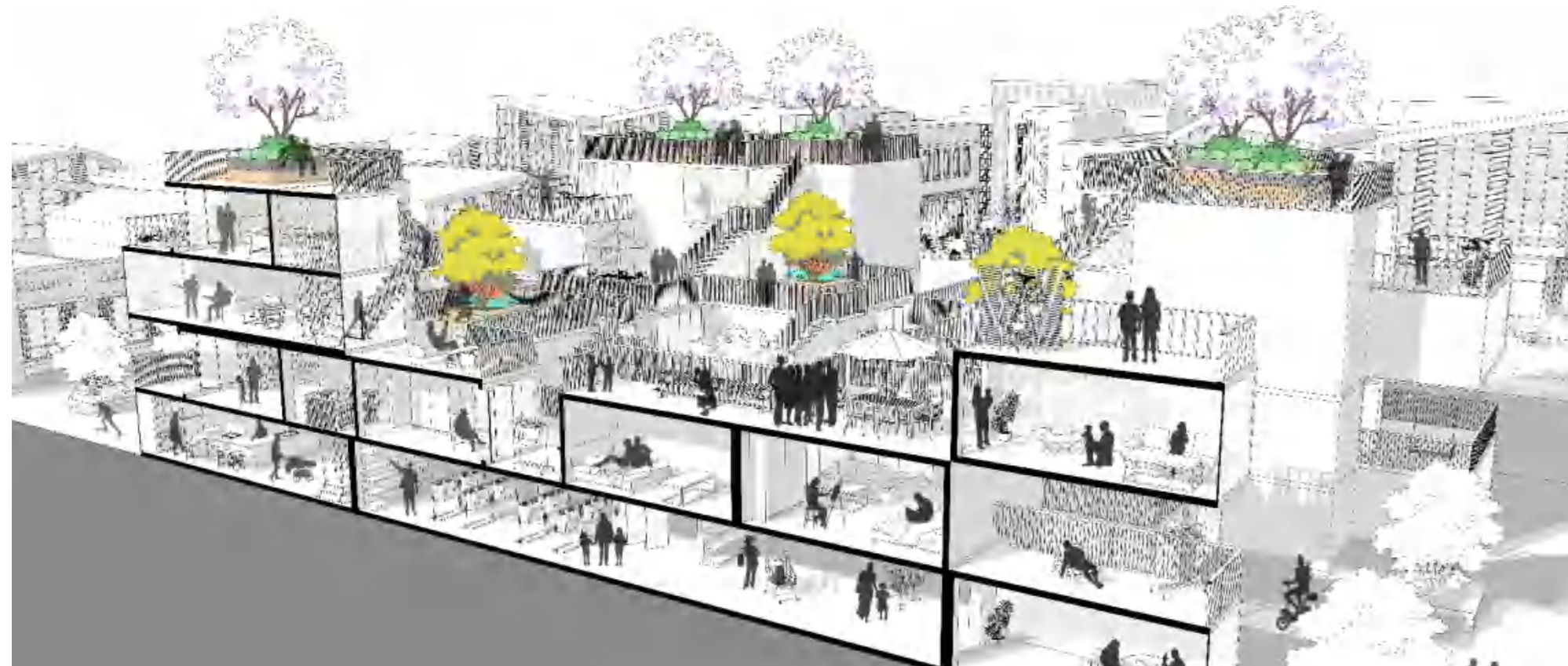
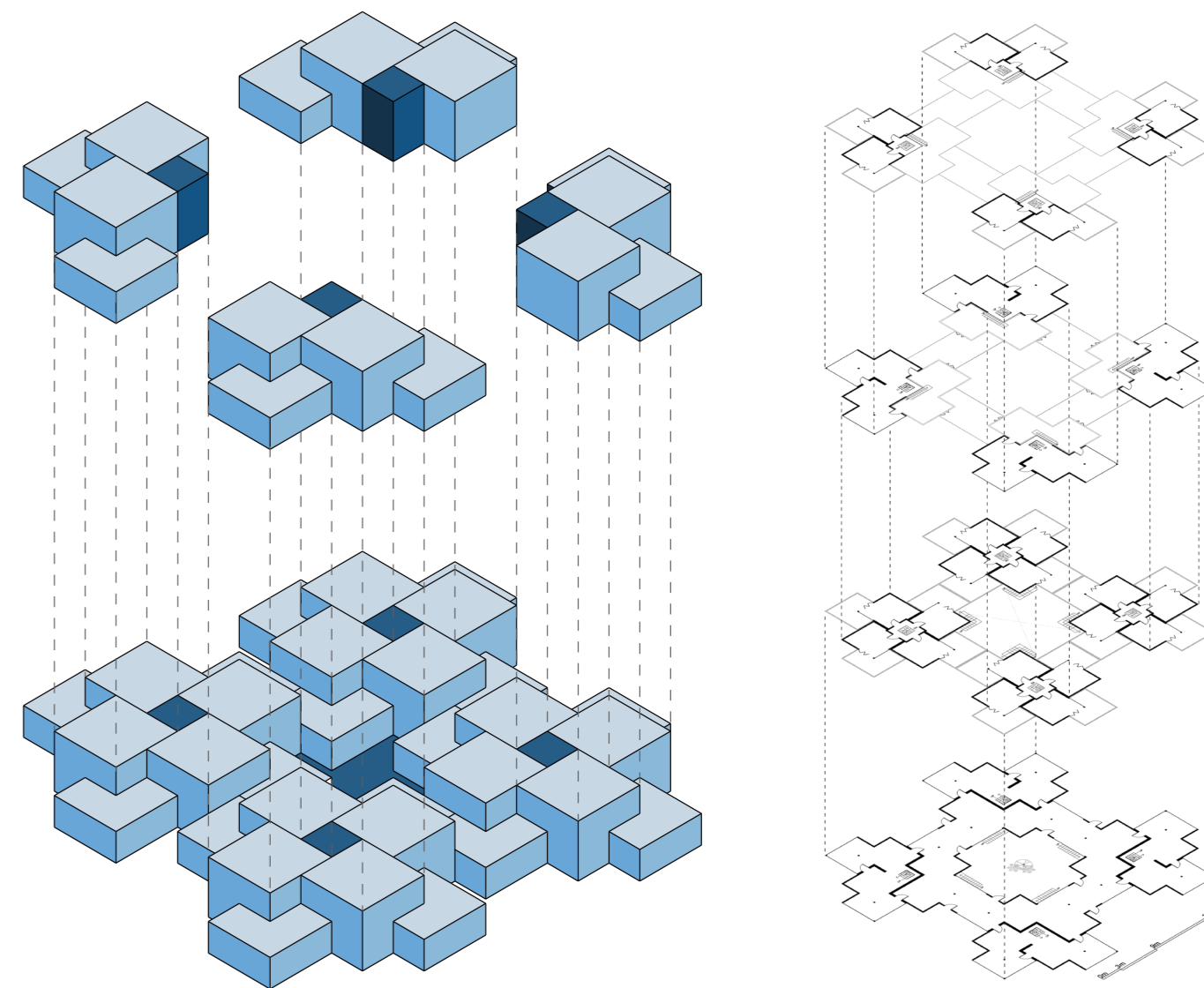
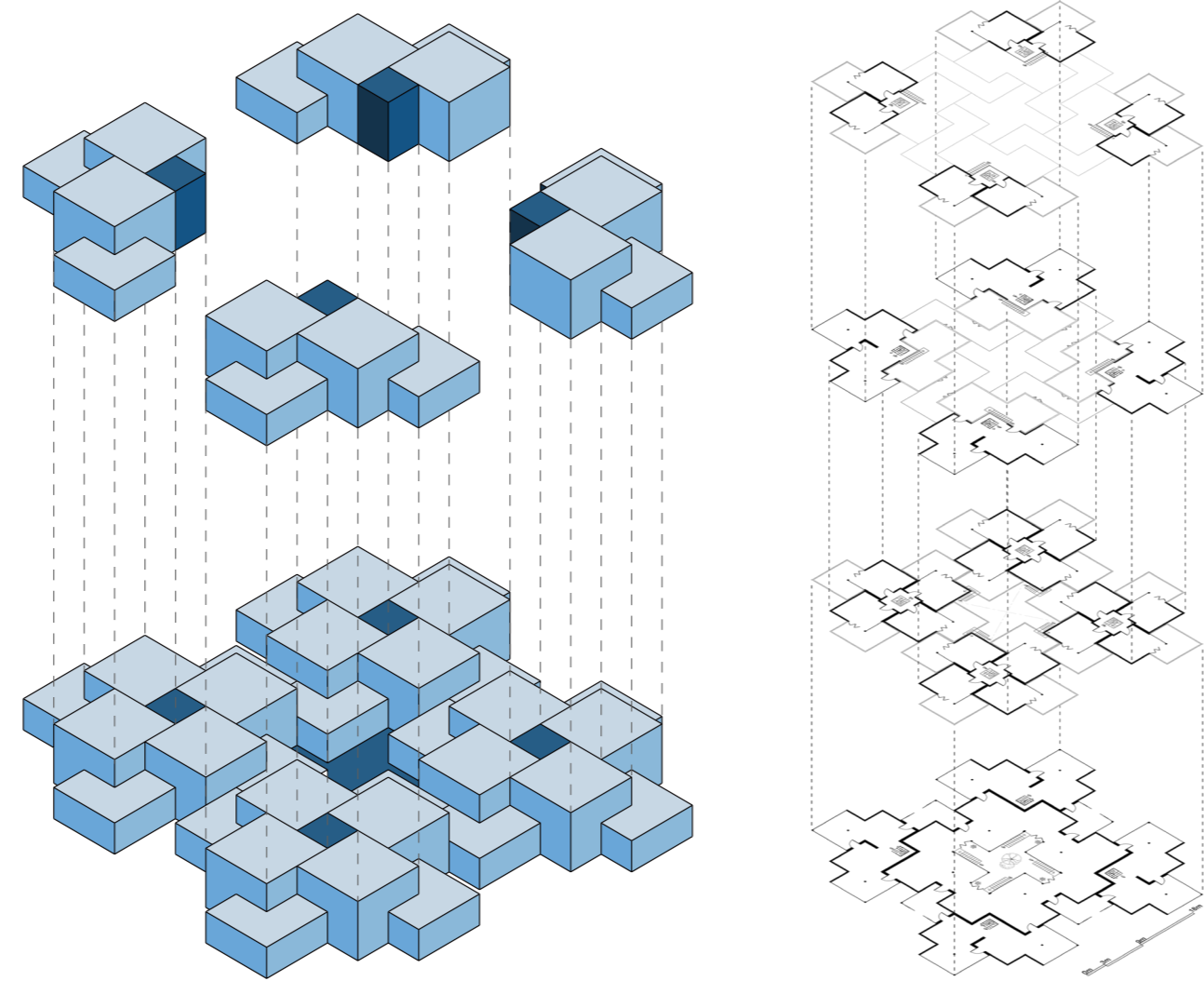
Corresponding city

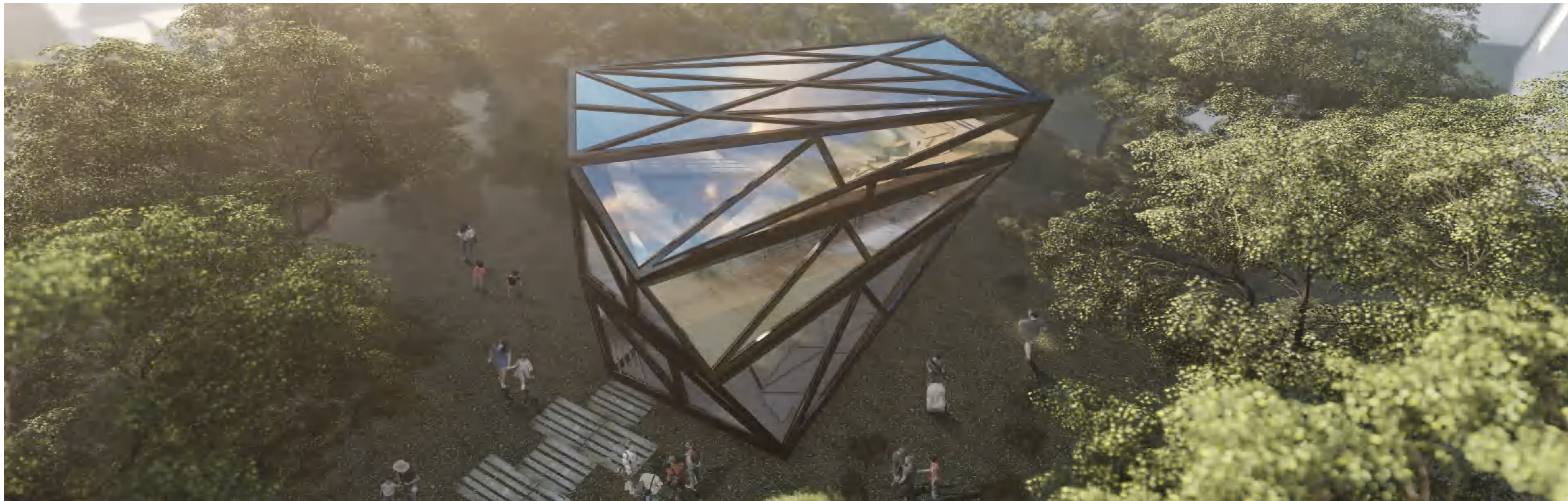


Beijing, the capital city, is a modern large city. Therefore, there are many migrants. The building will be spliced as the shape of high-rise building as shown in the figure below to make good use of the higher space.



Corresponding city

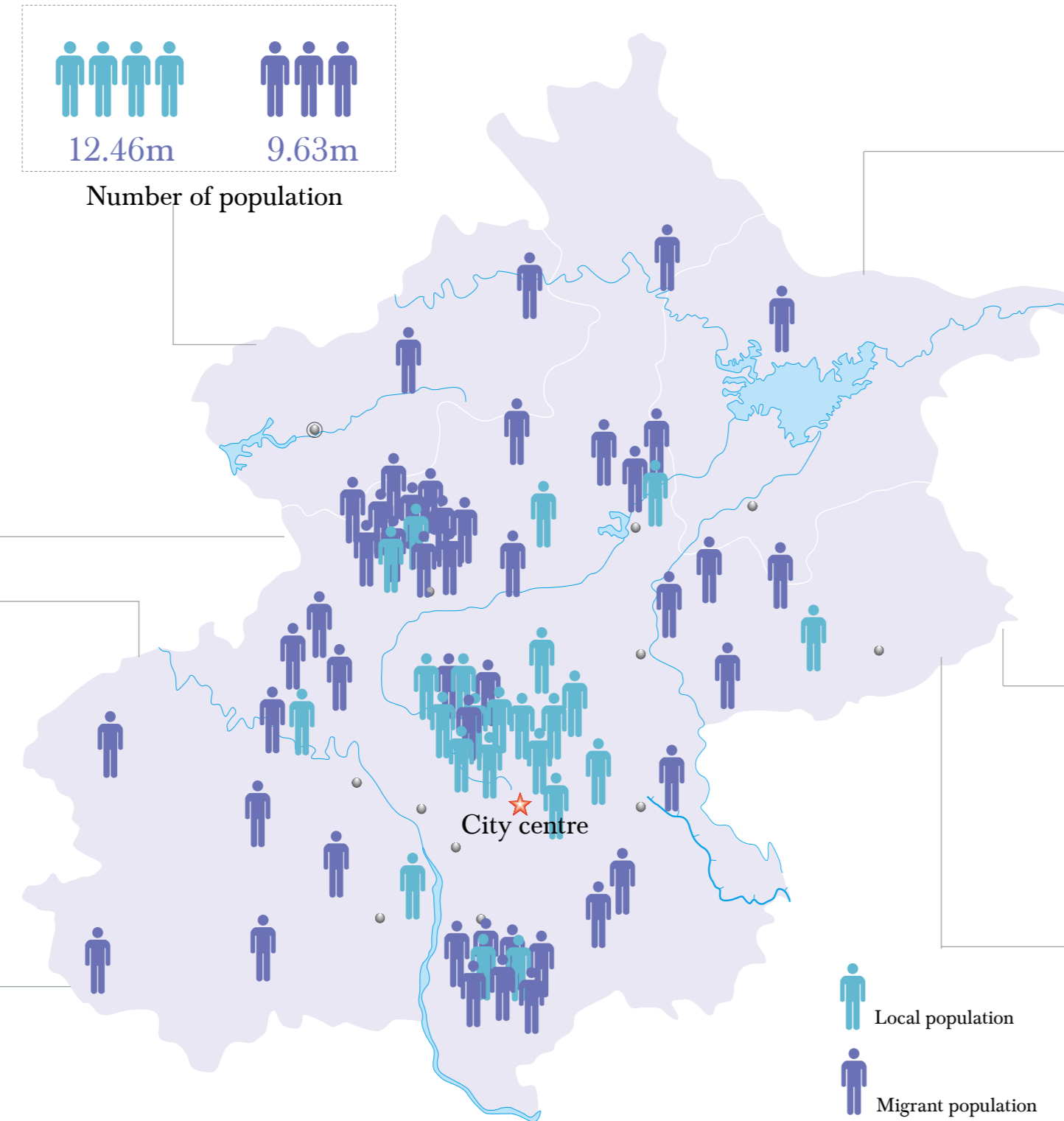
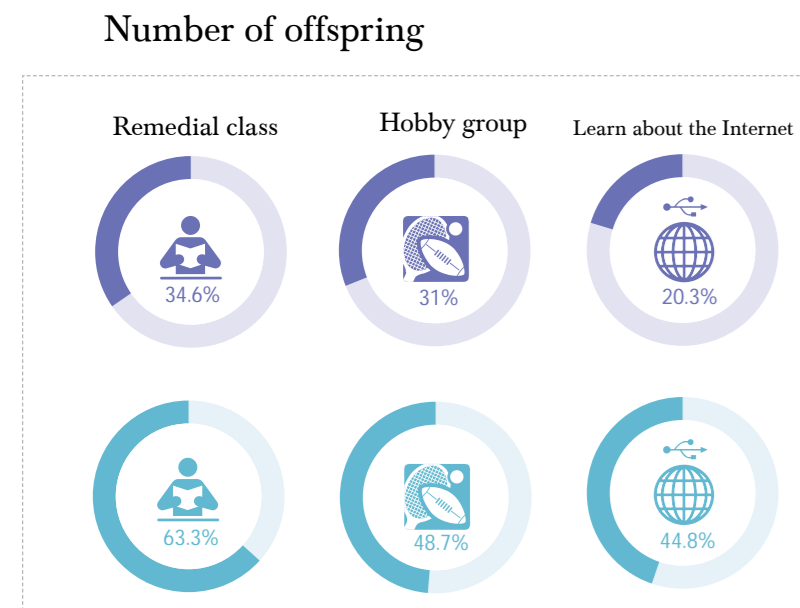
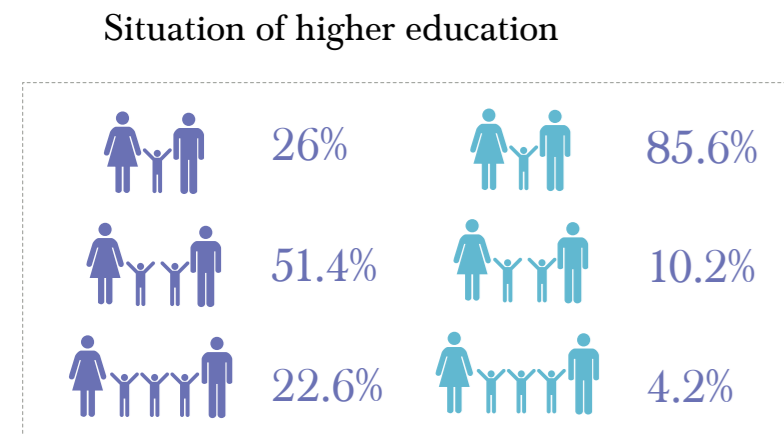




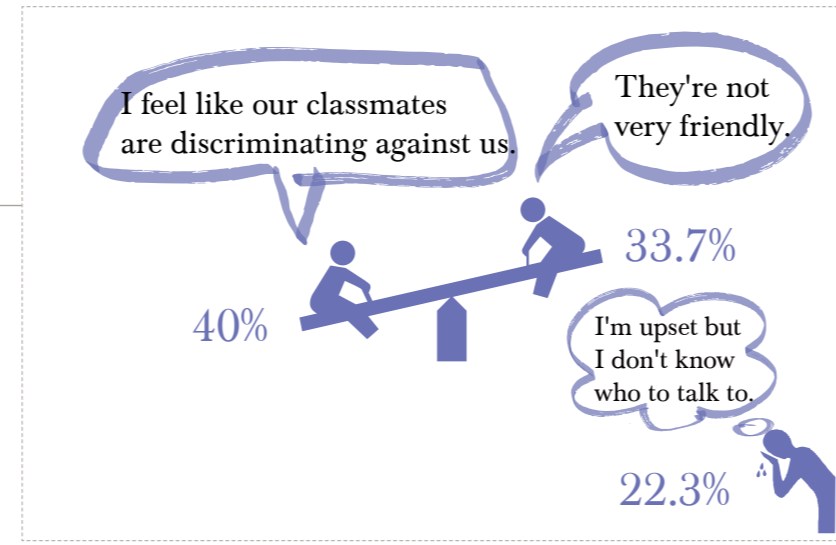
Torque Zone

The education of children of migrant workers has always been a public concern. Although the government has built more schools, the children's after-school life is still unsatisfied, which makes them unable to have the same childhood life as the children of the same age born in the city. This building is a place for them to get an open and bright place for study and life after school.

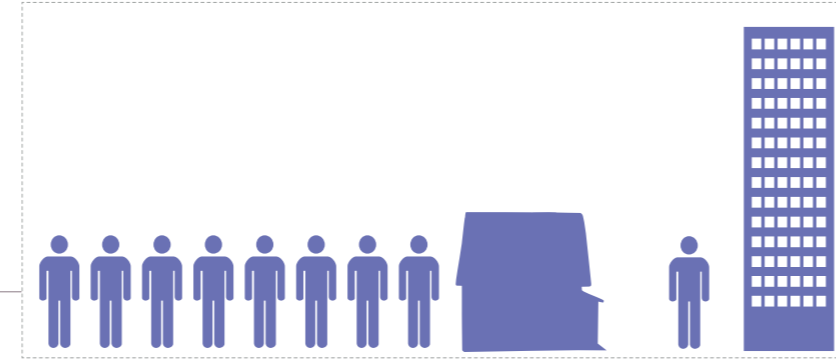
PRE-RESEARCH



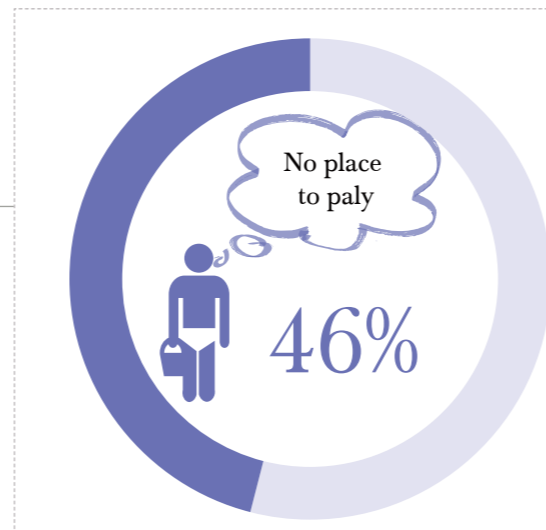
Situation of population distribution



Proportion of exclusion

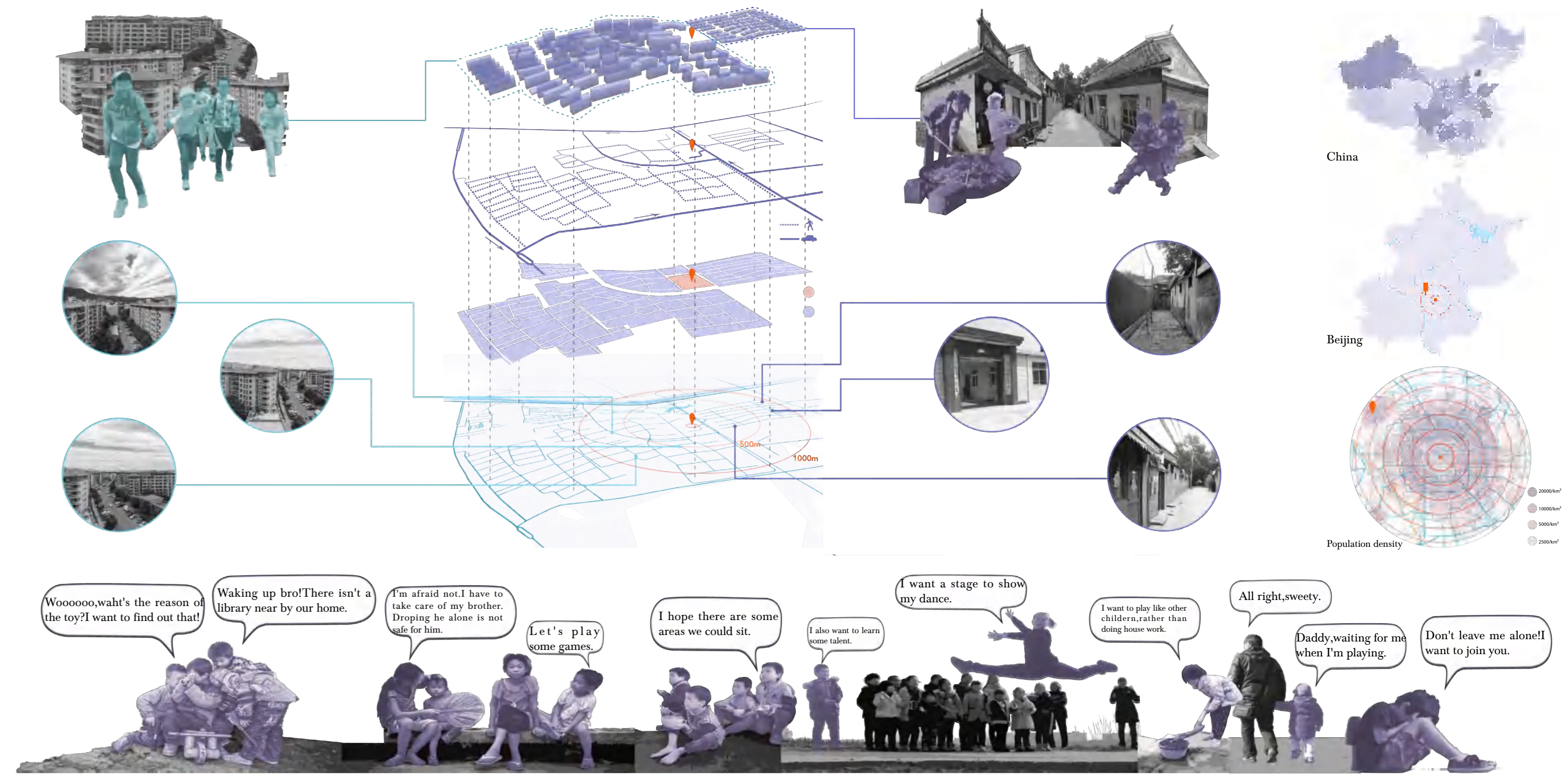


Proportion of accommodation

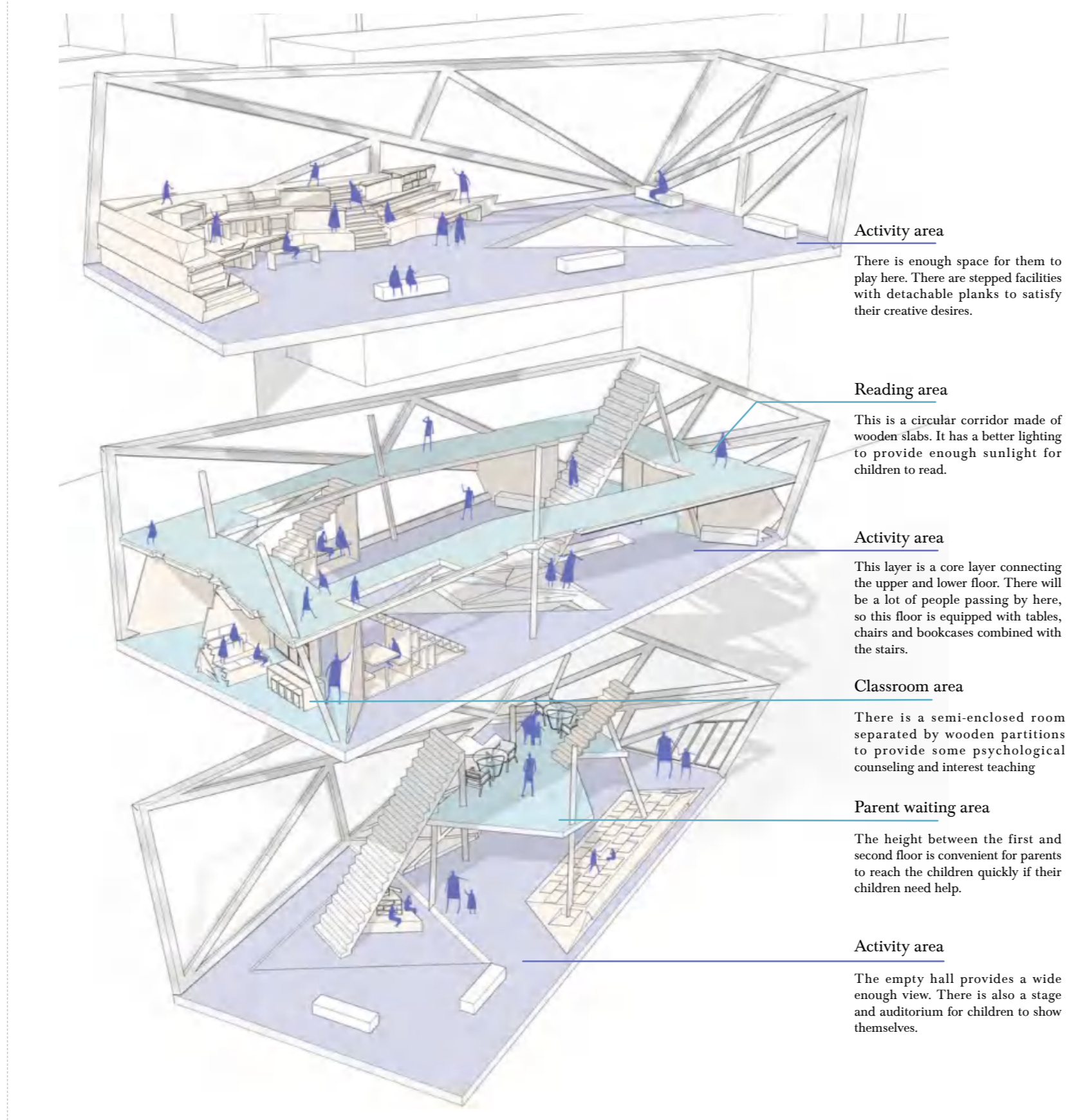
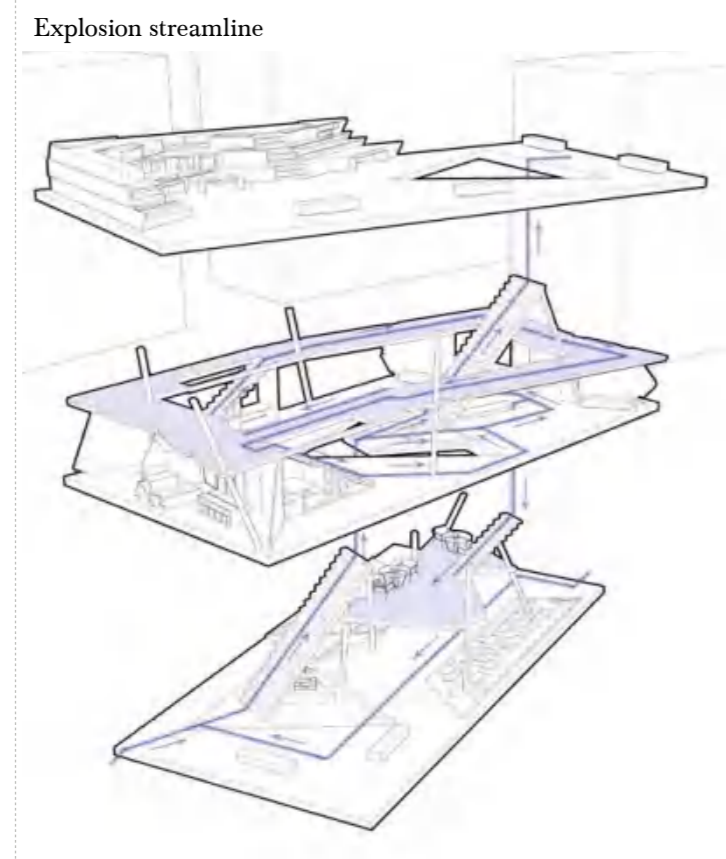
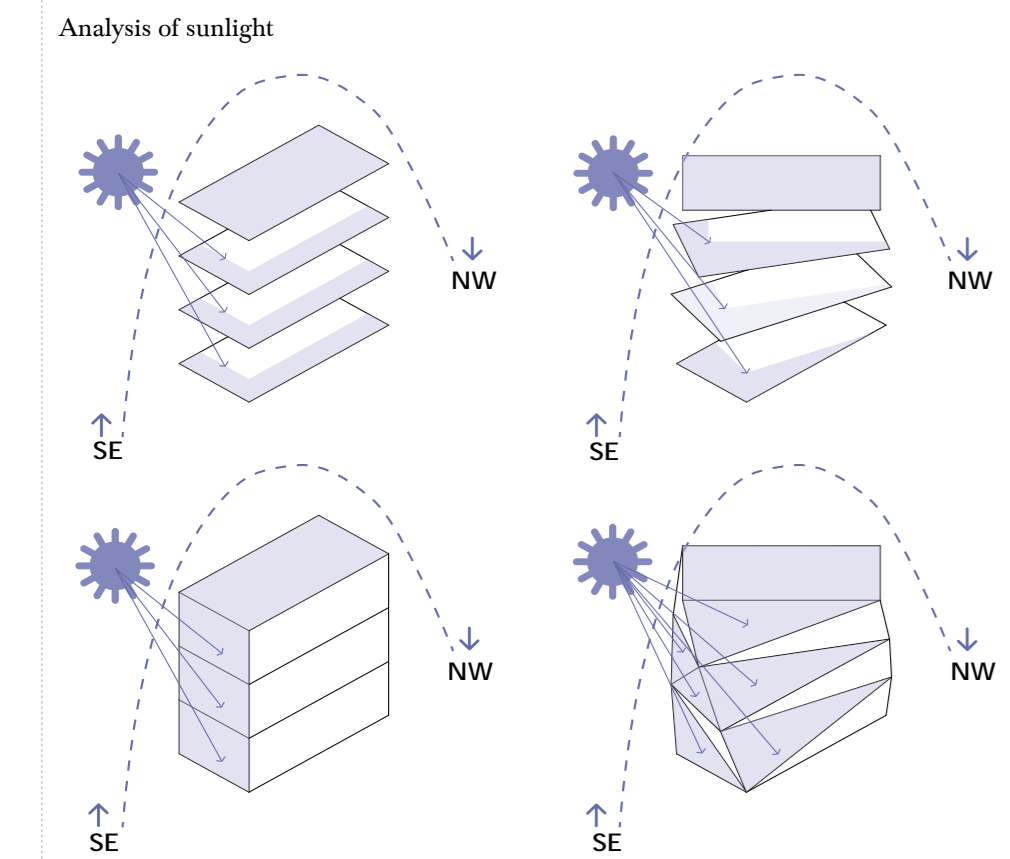
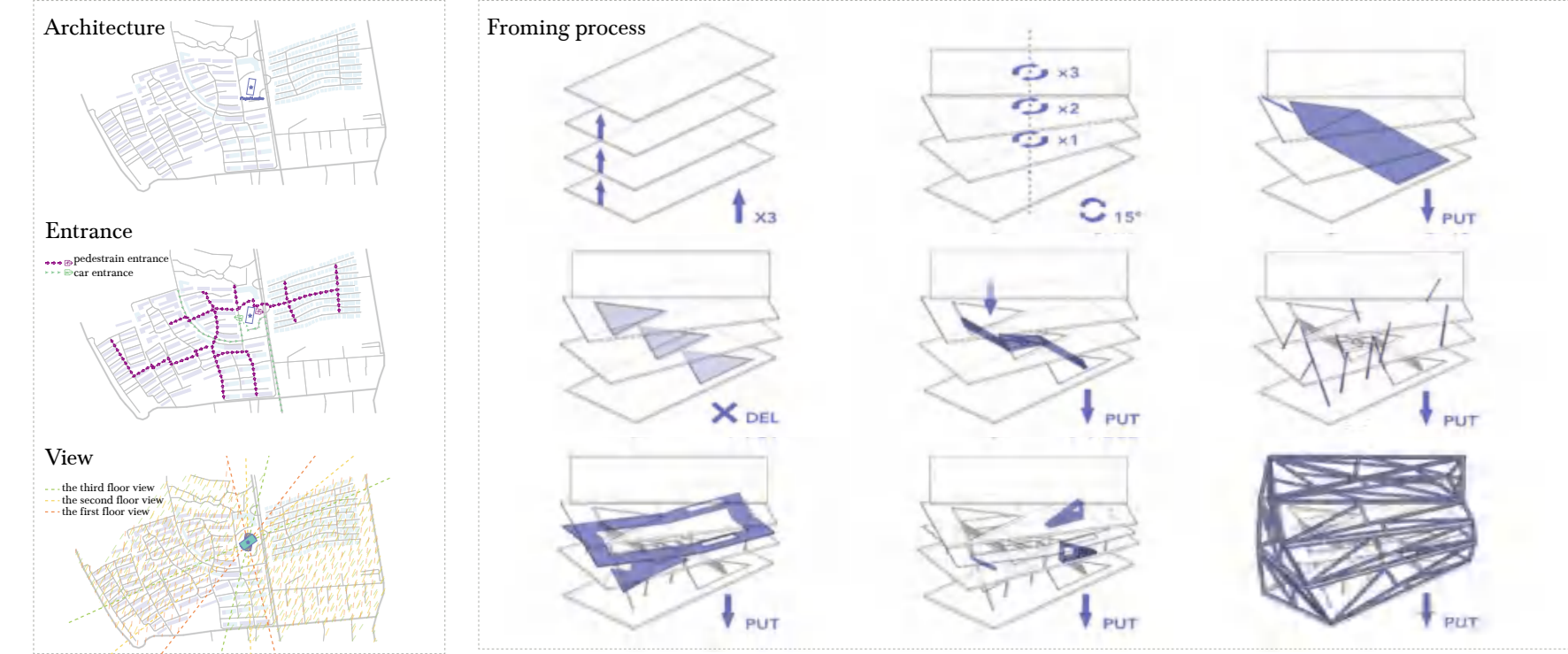


Percentage of activity area

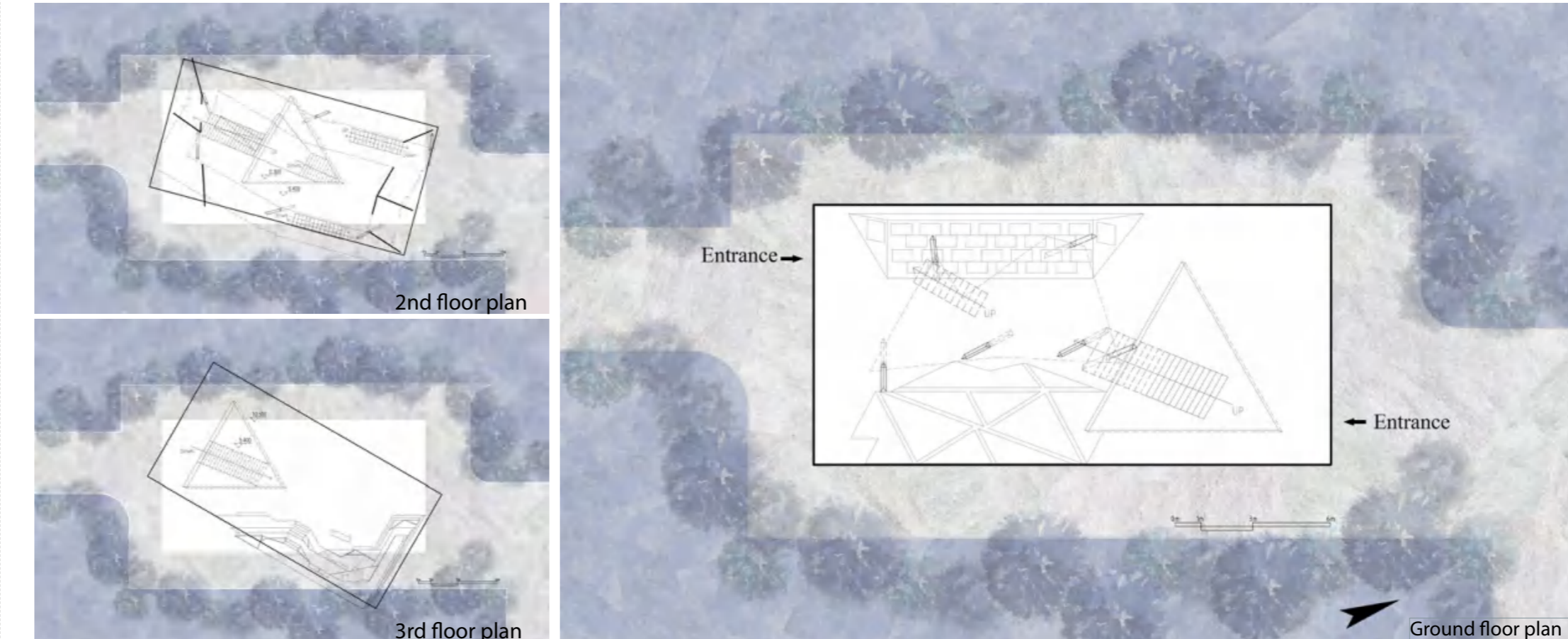
SITE ANALYSIS



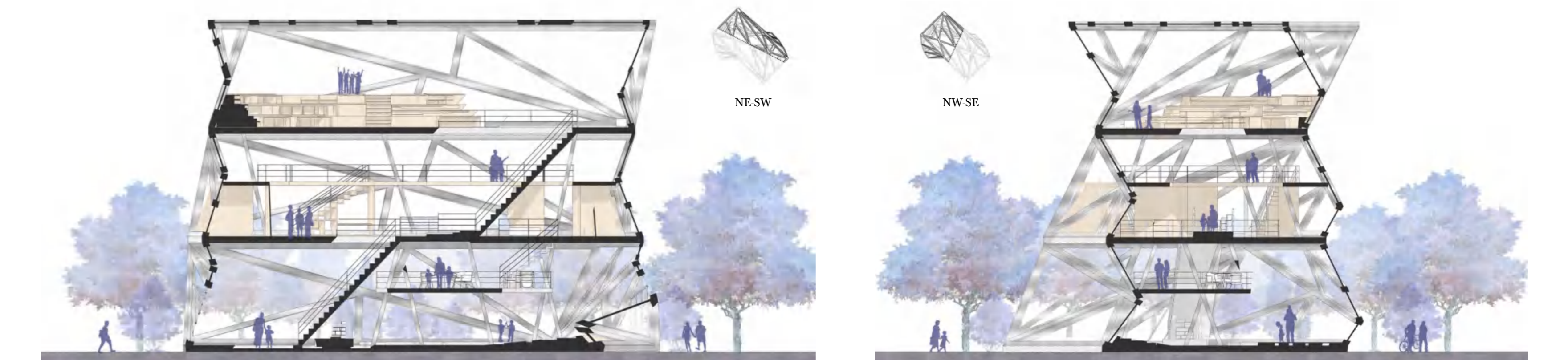
CONCEPT



DESIGN CONTENTS



The building is generally north-south oriented. Its floors are scattered in a 15-degree clockwise rotation around the center to increase the field of view of the entire building. The atrium portion is hollowed out by a diagonally inserted triangular pyramid. The height of the building is 5m, so there must be enough length to slow down the slope of the stairs. There are two high platforms (the height is 2.5m from the lower level to the upper level) separately between the first floor and the second floor, the second floor and the third floor to improve utilization rate of the space.





3rd floor activity hall

The stair shown in the above figure is the creation platform. It is made of pure raw wood. Children could sit or lie on it. The individual parts of it are made into detachable wooden blocks in advance. Children could assemble these components into something they want while playing, such as the wooden bench shown in the picture above. There are also a lot of groove parts to store items such as books and toys to meet some of the children's needs when playing.



Ground floor activity hall (Entrance)



Parent waiting platform



2nd floor activity hall



Interests classroom



Spring Quadrangle

The project is a renovation of the courtyard house in the old town. With the rapid development of the city, the prosperity in the old town gradually fades away. The old houses cannot be demolished because it is regarded as historical relics. The internal routes are intricate and lack of planning so fewer and fewer people visit here. The phenomenon of “village in the city” appears. The old house being transformed into a tourist service center will bring back some vitality to the old town.

PRE-RESEARCH

Tourists' problem

The first time I come to Jinan, I don't know where to take our child to play.

G2287

济南站
Jinan Station

Taking our son to learn some local history and culture.

It's tired to visit the sight spots. I want to find a place to rest.

Yeah, I want to live in a house with local characteristic. But I can't find out that.

I hope there are native people could guide me to travel.

I can't find some special food on my phone.

Local resident problem

Although the government has planned this cultural area, few people come to here.

My house is big but I live alone. This place is too hard to rent.

My son tell me we could set up a local hotel, I worry about nobody is going to come.

I miss those days I took my kids visit the city.

Nobody knows this area. I think those crafts perhaps extinct from our generation.

I feel like our traditional snacks aren't being visited.

Culture

Accommodation

Guide

Craft

According to the phenomena and problems mentioned above, what we need to do is to guide more tourists to visit here and spread out the cultural characteristics and local customs here to bring more vitality to this area. Therefore, I intend to renovate this building into a tourist service center. Jinan, the city of spring, is famous for its spring culture. The characteristics and causes of the spring culture are embodied in the building to attract visitors.

SITE ANALYSIS

China

Shandong

Jinan

Water analysis chart

To the north of the target site is the Lake, surrounded by rivers and scattered springs.

Population density analysis chart

There are few people in the vicinity of the target site but many in the periphery.

Road analysis chart

The target site is located in the center with a very convenient transportation network.

Functional analysis chart

The target site is surrounded by commercial areas, scenic spots, and residential areas.

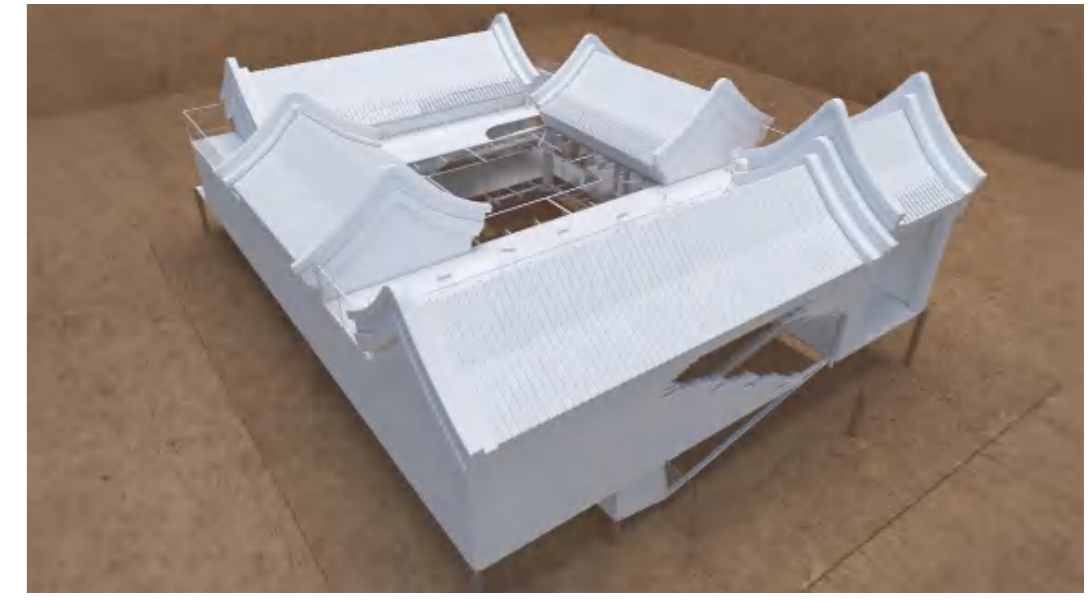
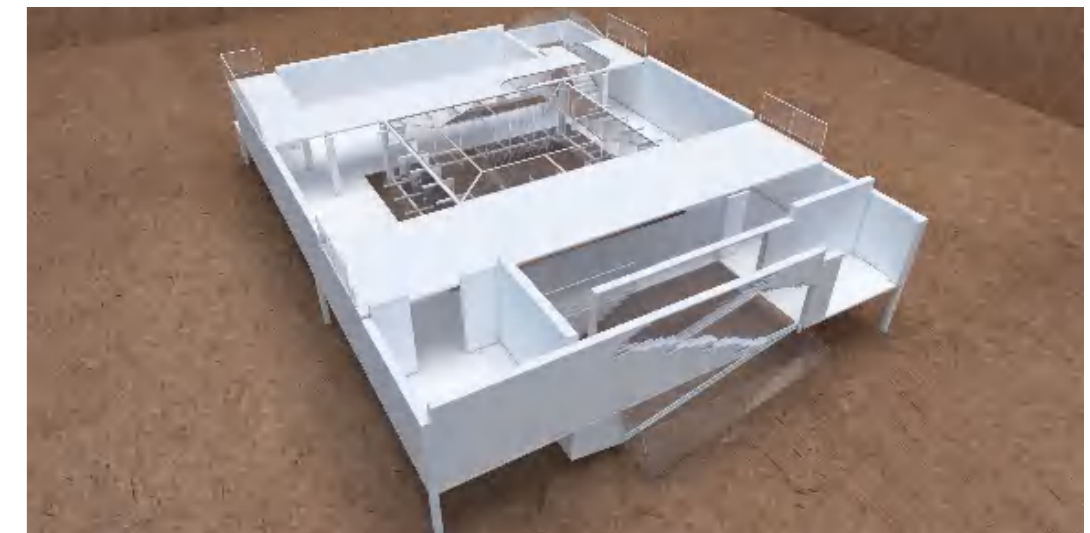
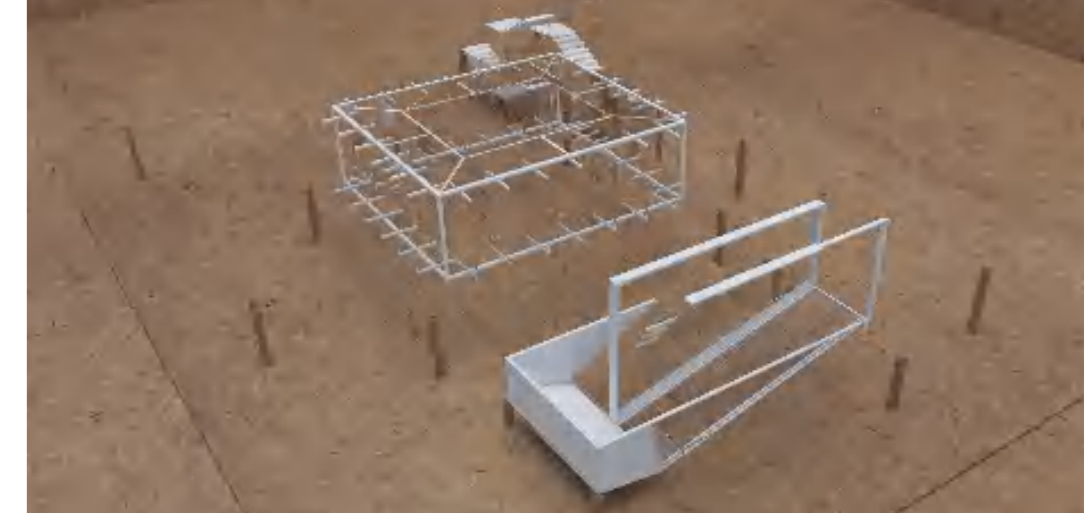
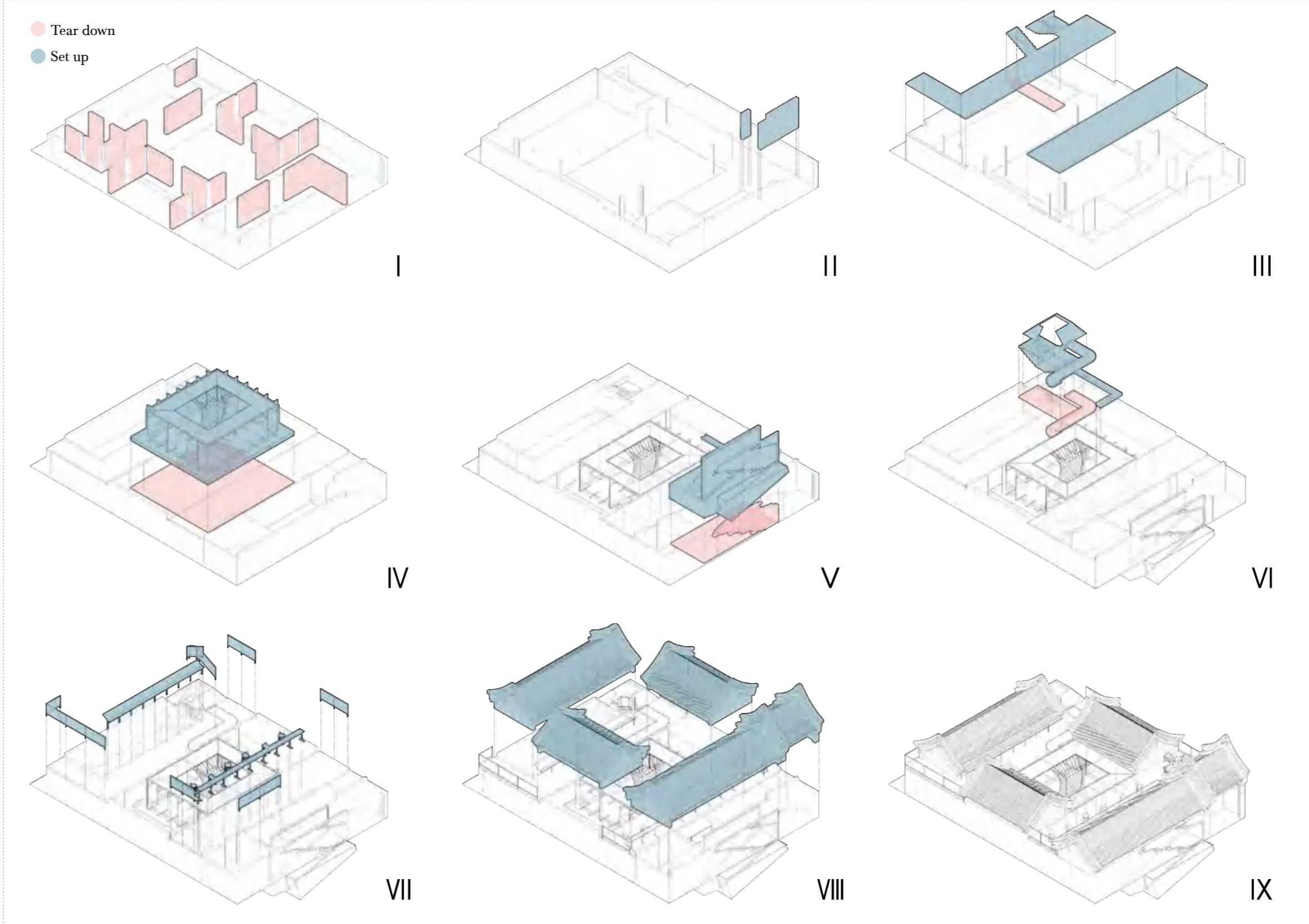
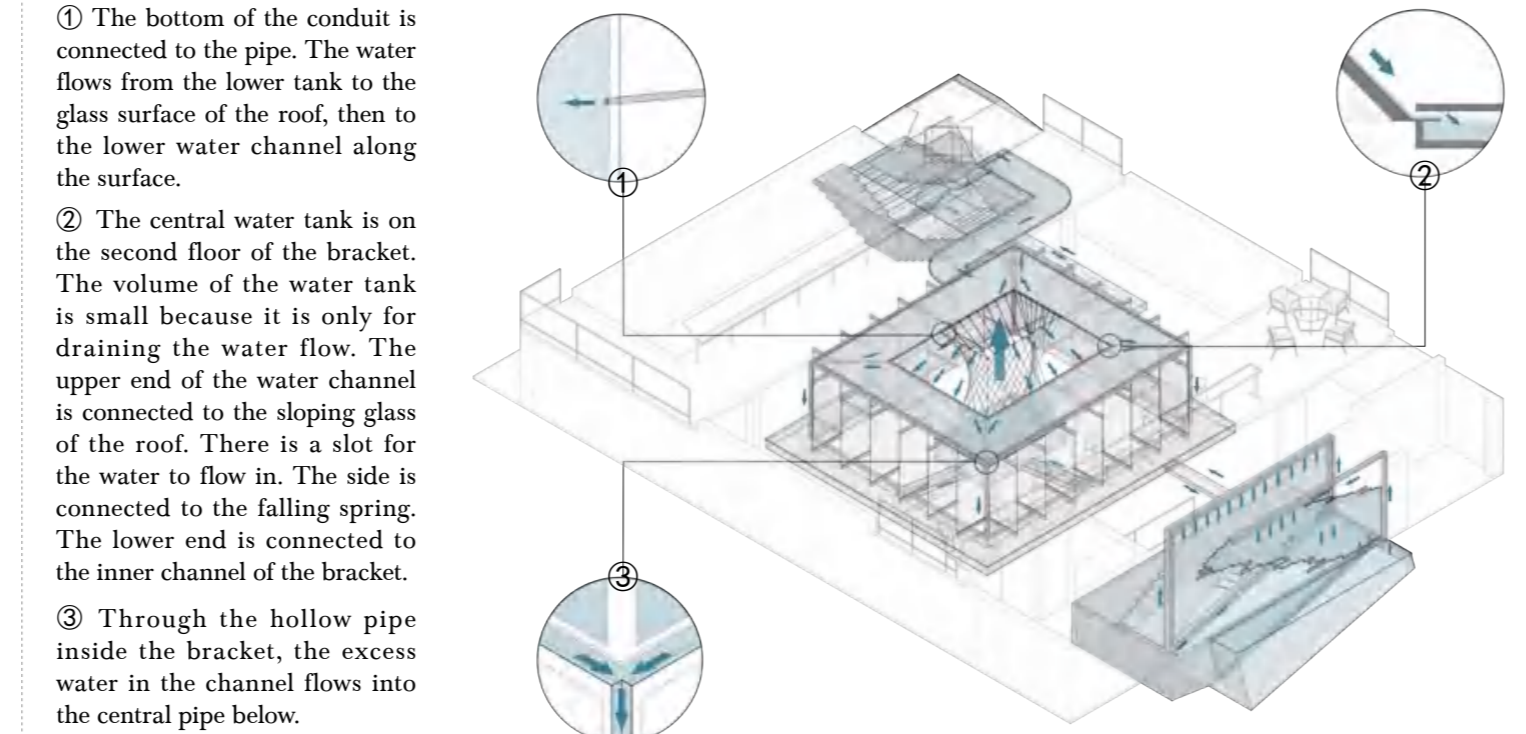
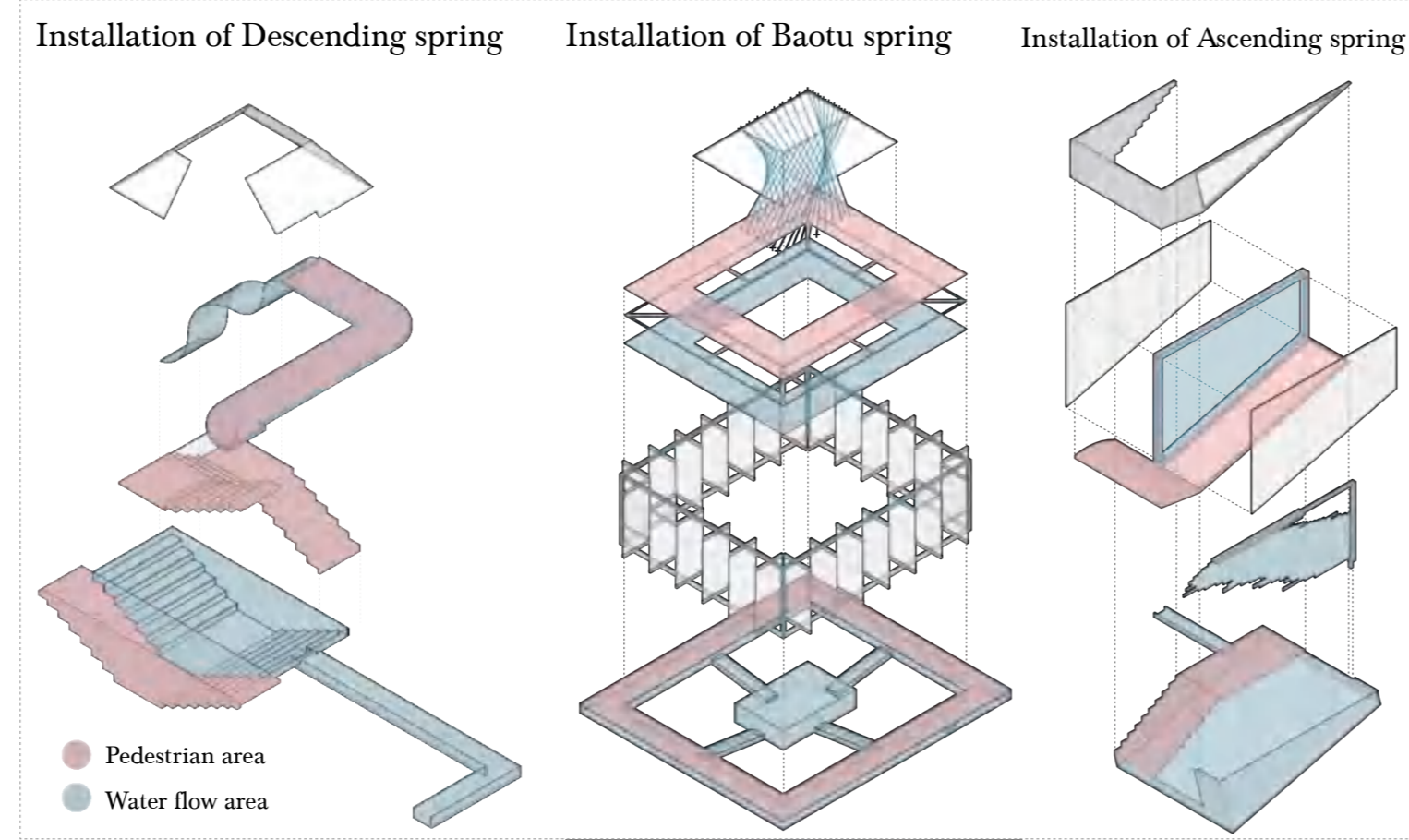
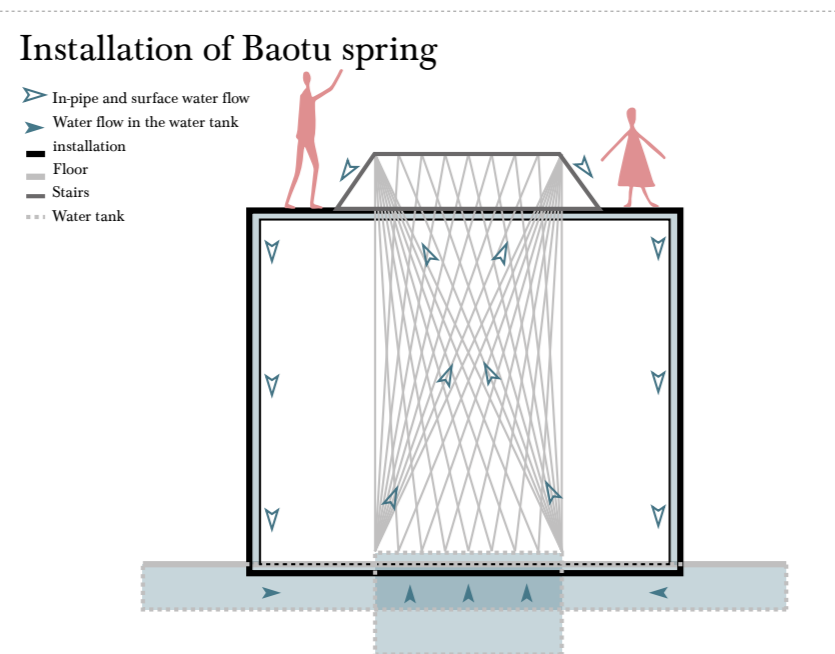
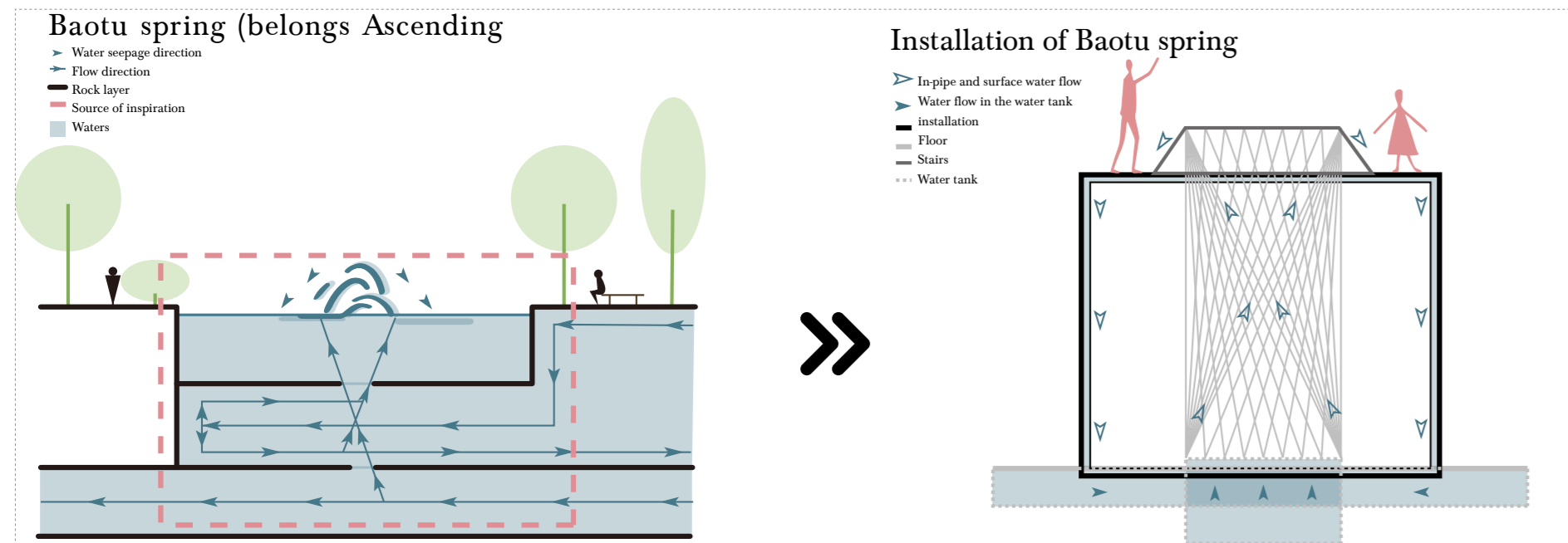
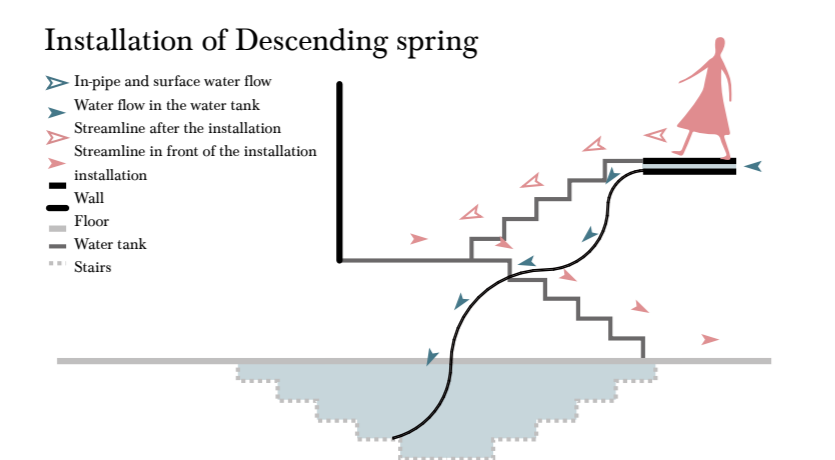
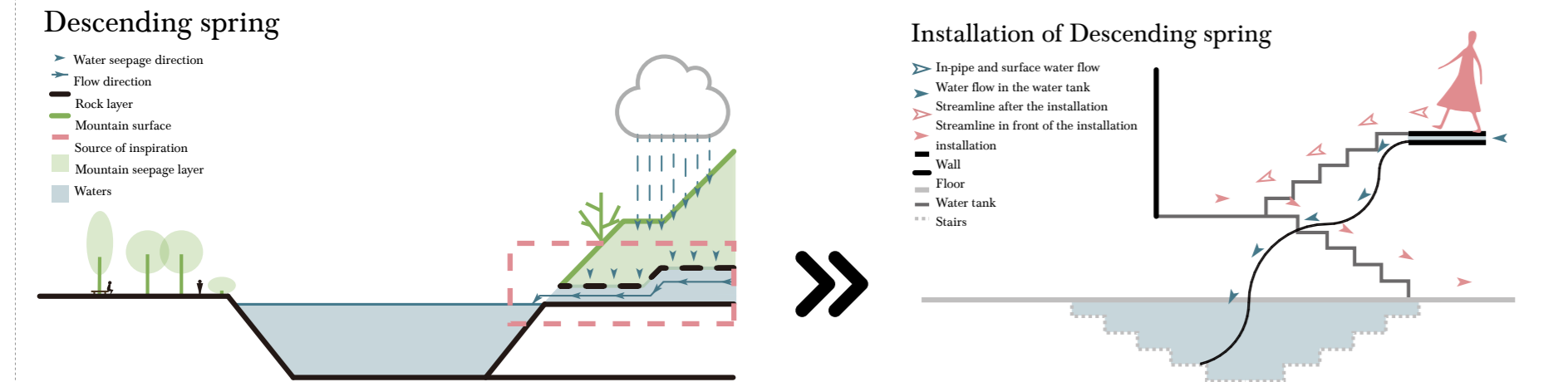
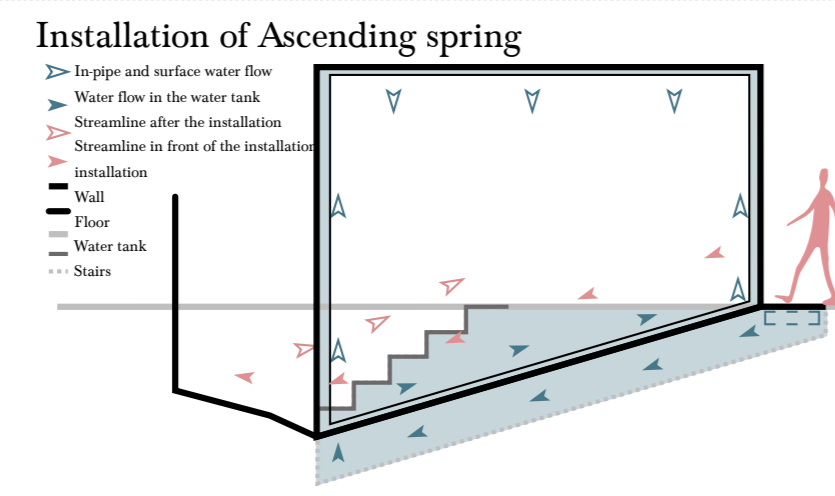
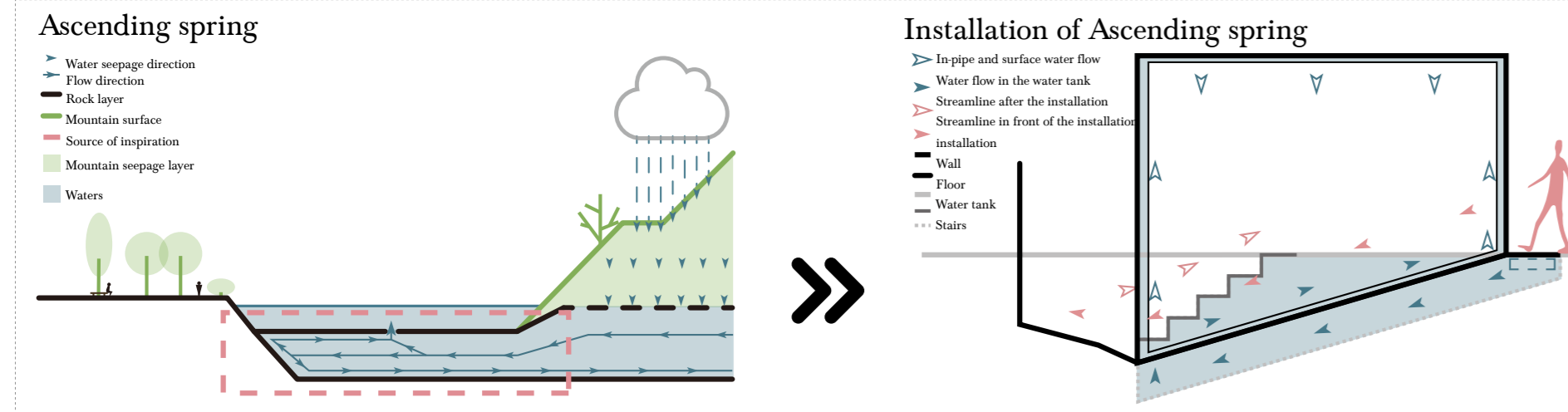
Regional map

The target site is located on the main route, surrounded by many scenic spots.

- Spring and water area
- Dense
- Medium
- Sparse
- Main road
- Secondary road
- Pedestrian road
- Accommodation area
- Business area
- Park and sight spot
- Old town area
- Project location
- Main sight spot
- Tour routes

Instagram Post: StarChan Jinan, 1,984 Likes, #marinad

CONCEPT



DESIGN CONTENTS

Concrete Marble Soil Solid wood Water Wood board

Ground floor plan 0m 1m 3m 6m

2nd floor plan

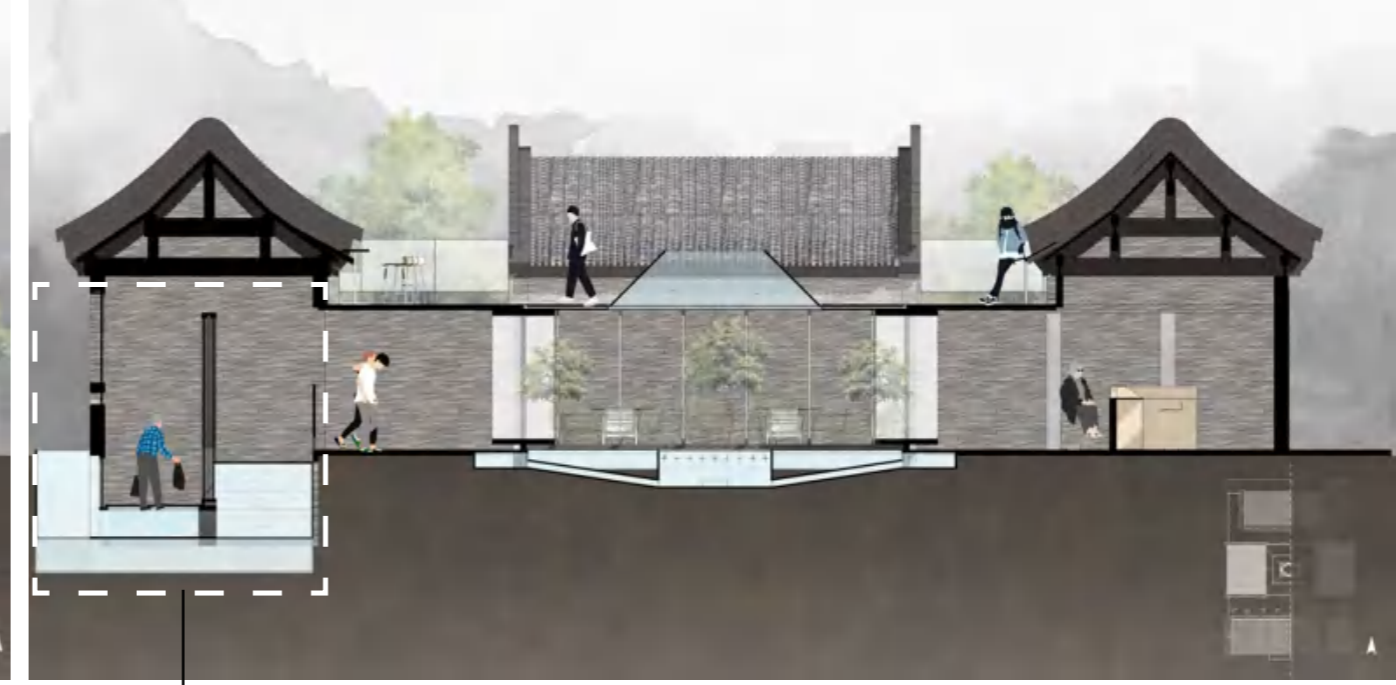
Crowd streamline

The site is located in the southeast corner of the old town and is close to the only way from the scenic area to the commercial area. On the first floor there is an open layout. The platform on the second floor is made up of wooden slabs and the glass surface of the water flowing device.

W-E section view - north side



N-S section view - west side



W-E section view - south side





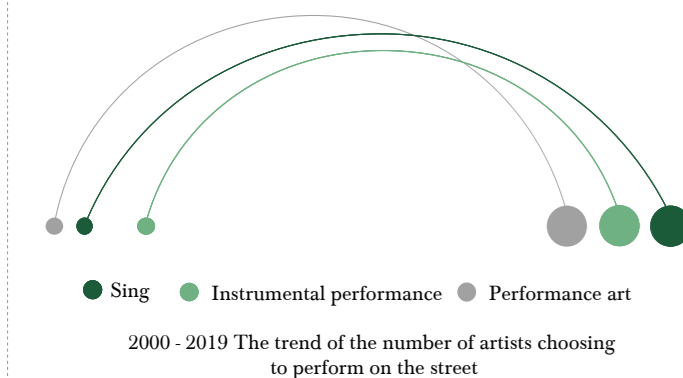
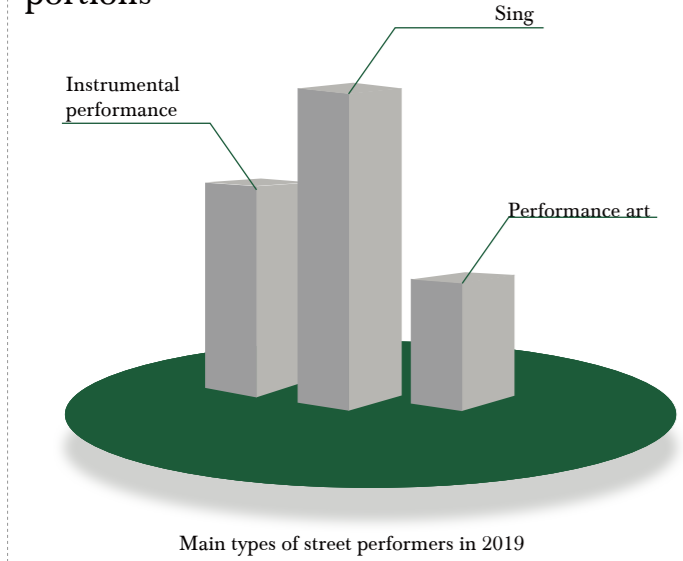
Encore_echo

Main responsibilities (Group projects):
Intention research and summary
Site analysis
Concept generation
Size analysis
Model making
Rendering production

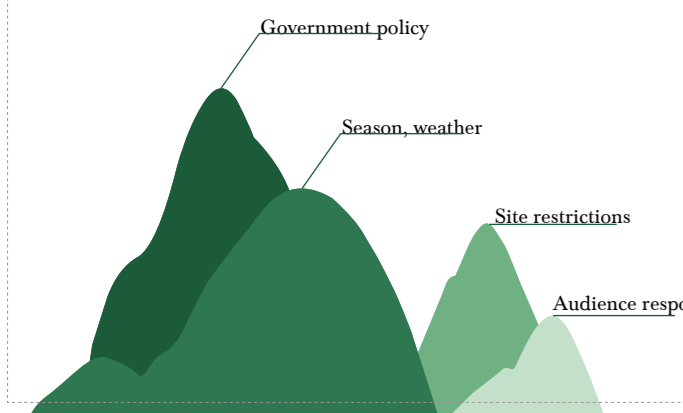
There are more and more people getting affected by art nowadays. However, it is not every artist has the opportunity to stand on the stage. The form of street art gradually spreads. This design is to create a stage for them on the street so that more street performers can have a chance to realize their dreams.

RESEARCH

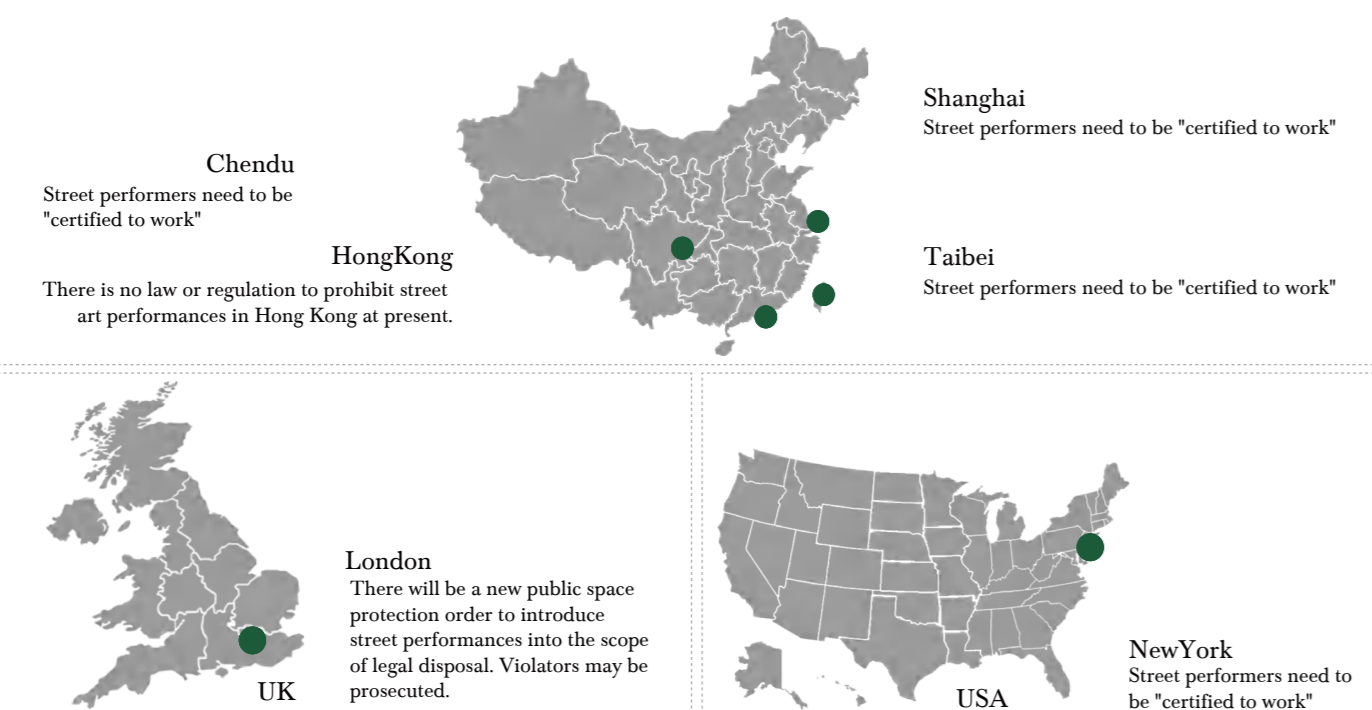
1# Street art contains several types and proportions



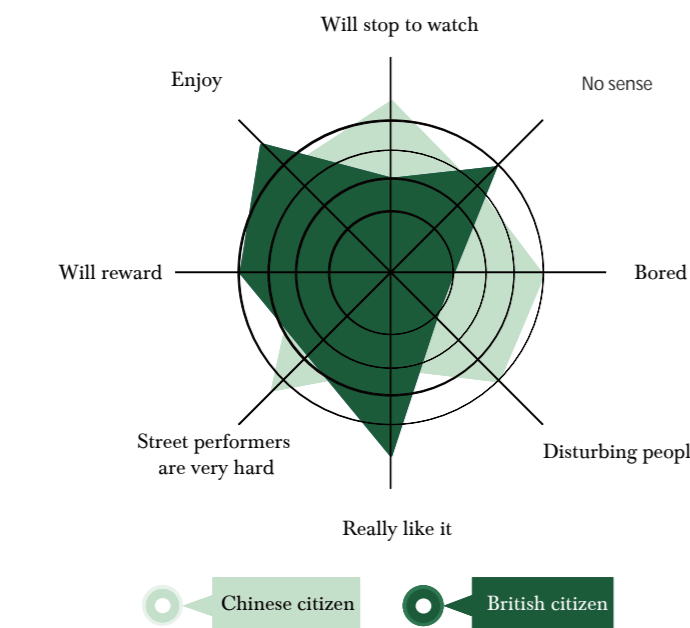
3# Factors affecting street performers



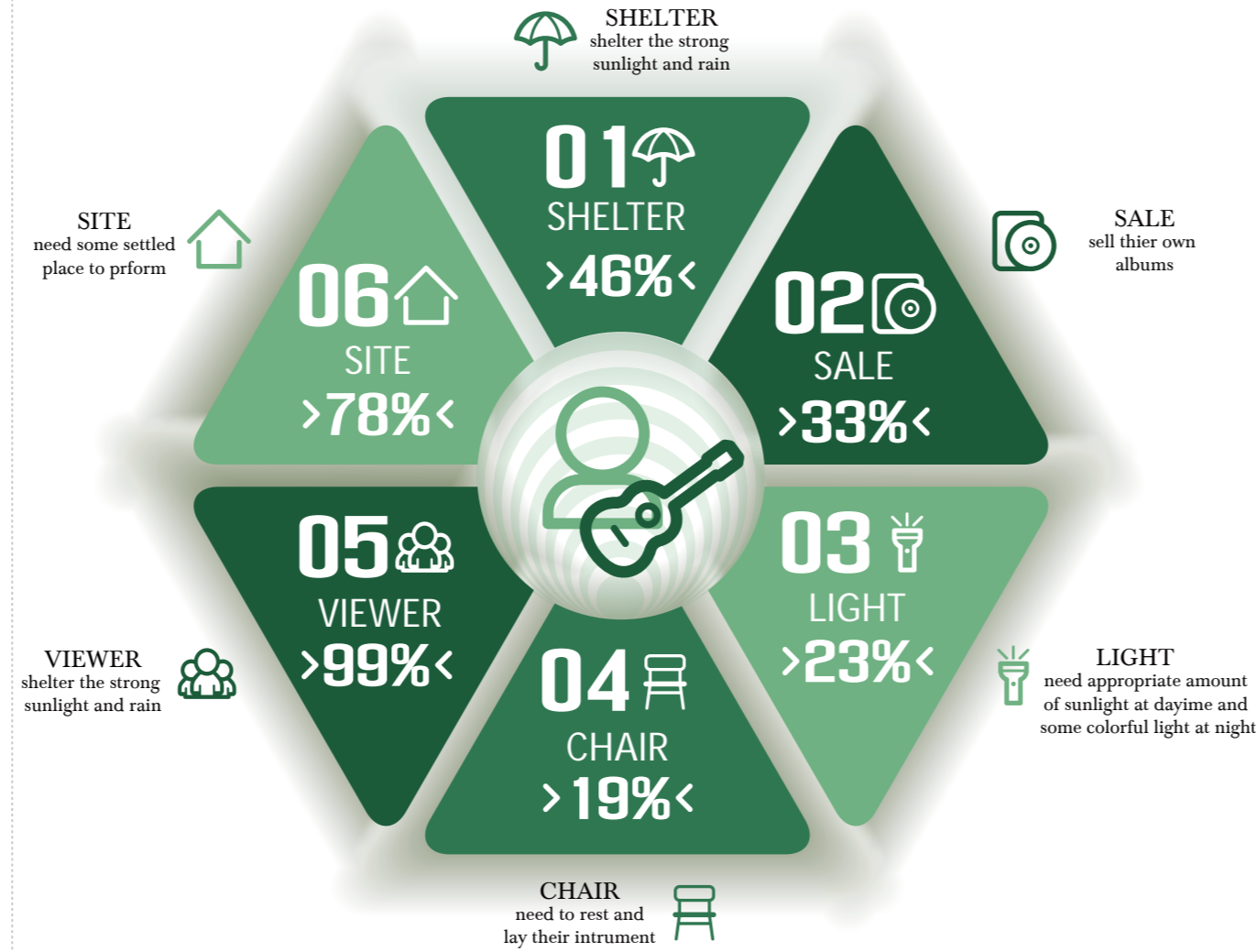
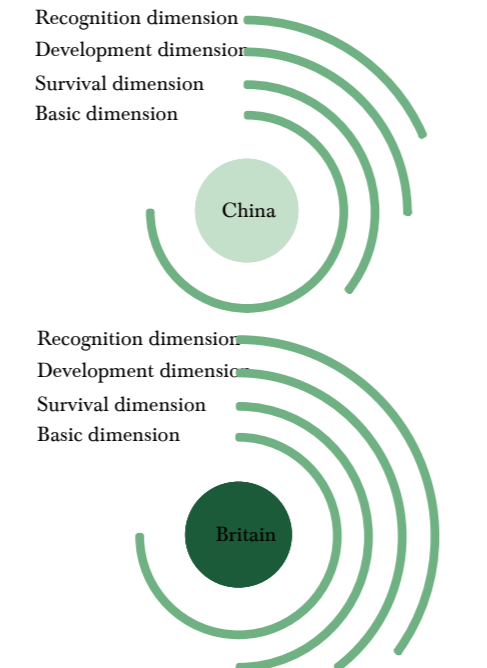
2# National policies for street performers



4# Citizens' views on street performers

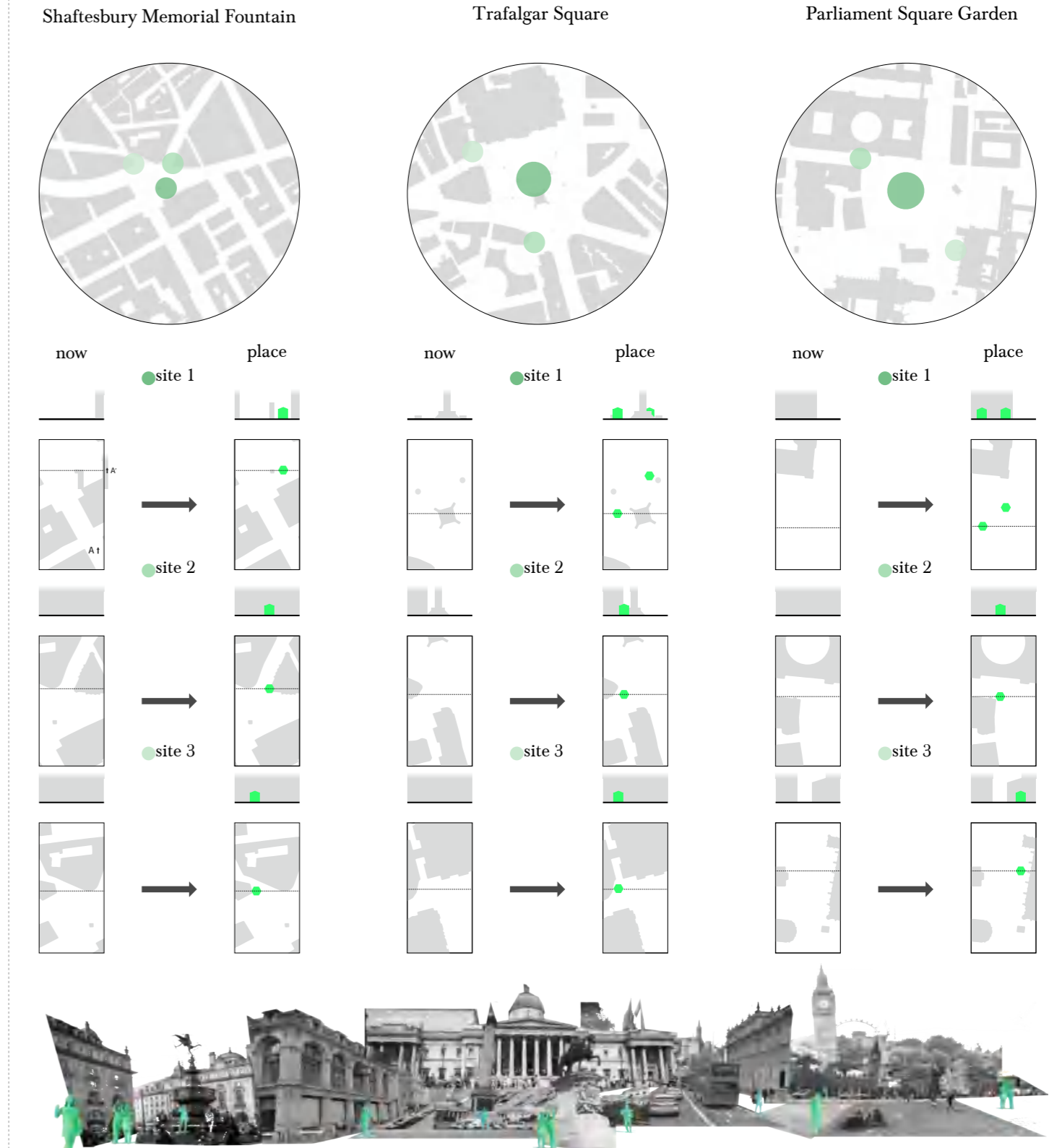
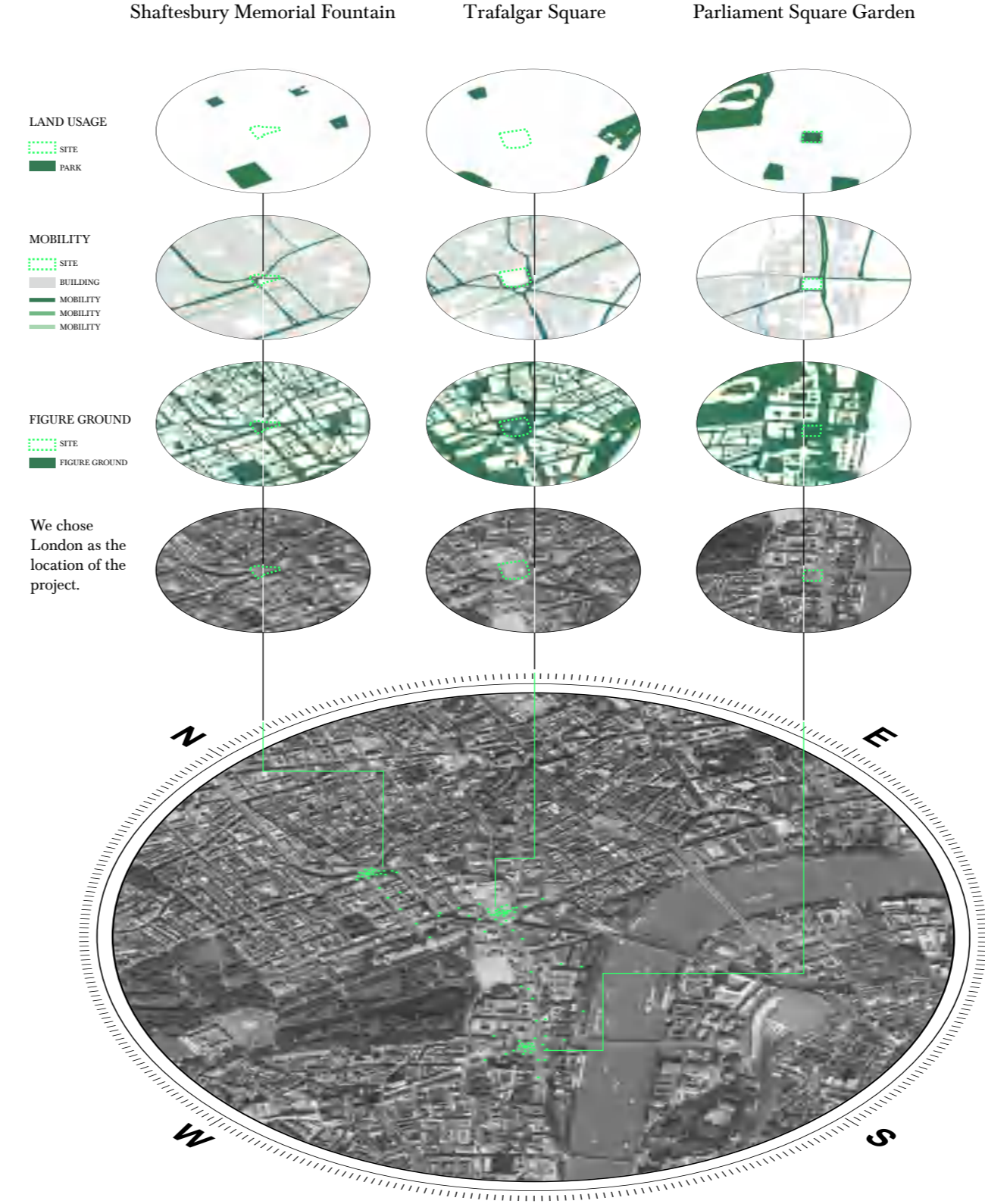


5# Status of street performers

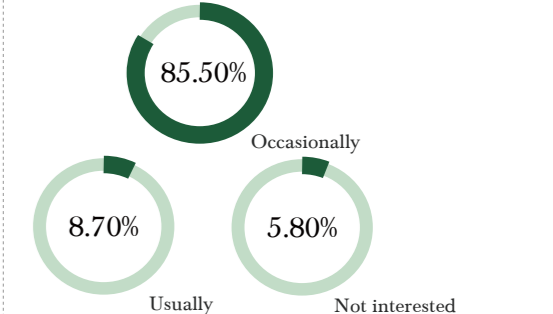


SUMMARIZE

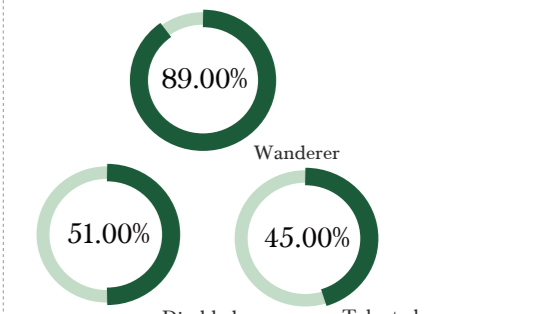
Survey was carried out for better understanding of the upmost demand of the buskers. Nothing that buskers would always perform in busy areas in order to attract more audience, a place that can shelter from the crowd, as well as the wind and rain, becomes essential. In this design, principles are that the shelter should not occupy too much space and be half-opened designed to attract more audience. Also, sufficient light was ensured by transparent materials which can make full use of natural light while saving energy. Inside the shelter, facilities such as seats were designed for better use.



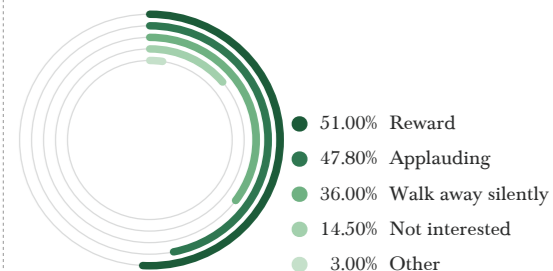
How often do you watch street performers?



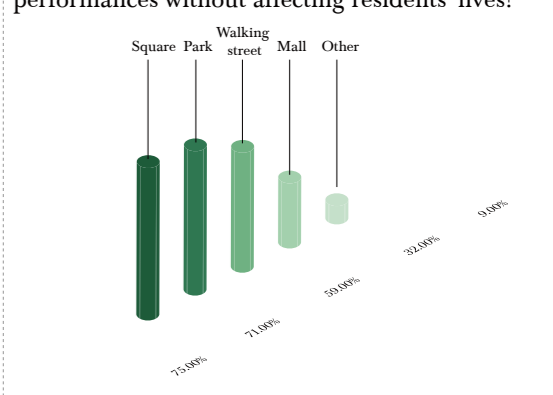
What type of performance have you watched?



What actions do you do to support them?

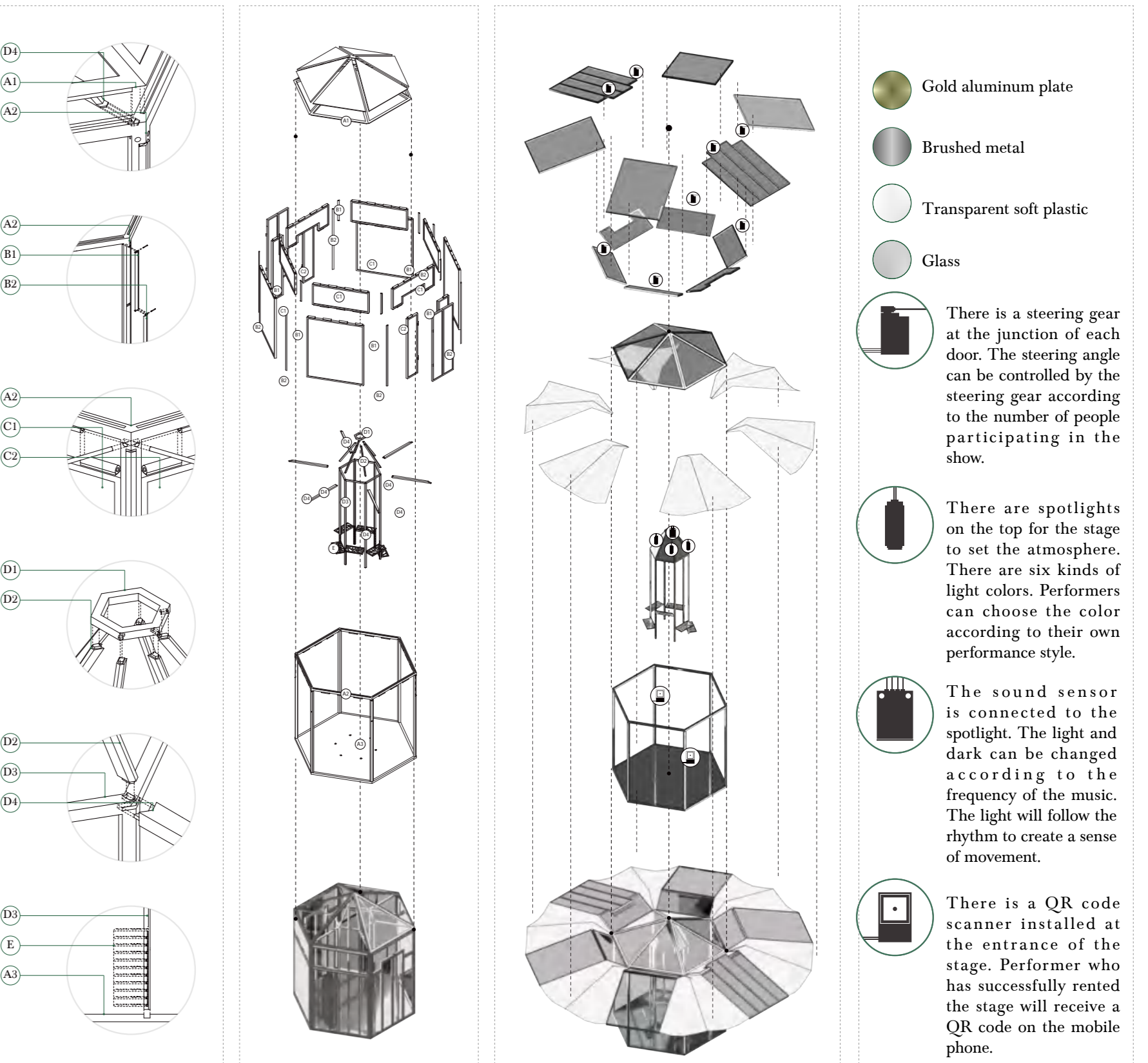
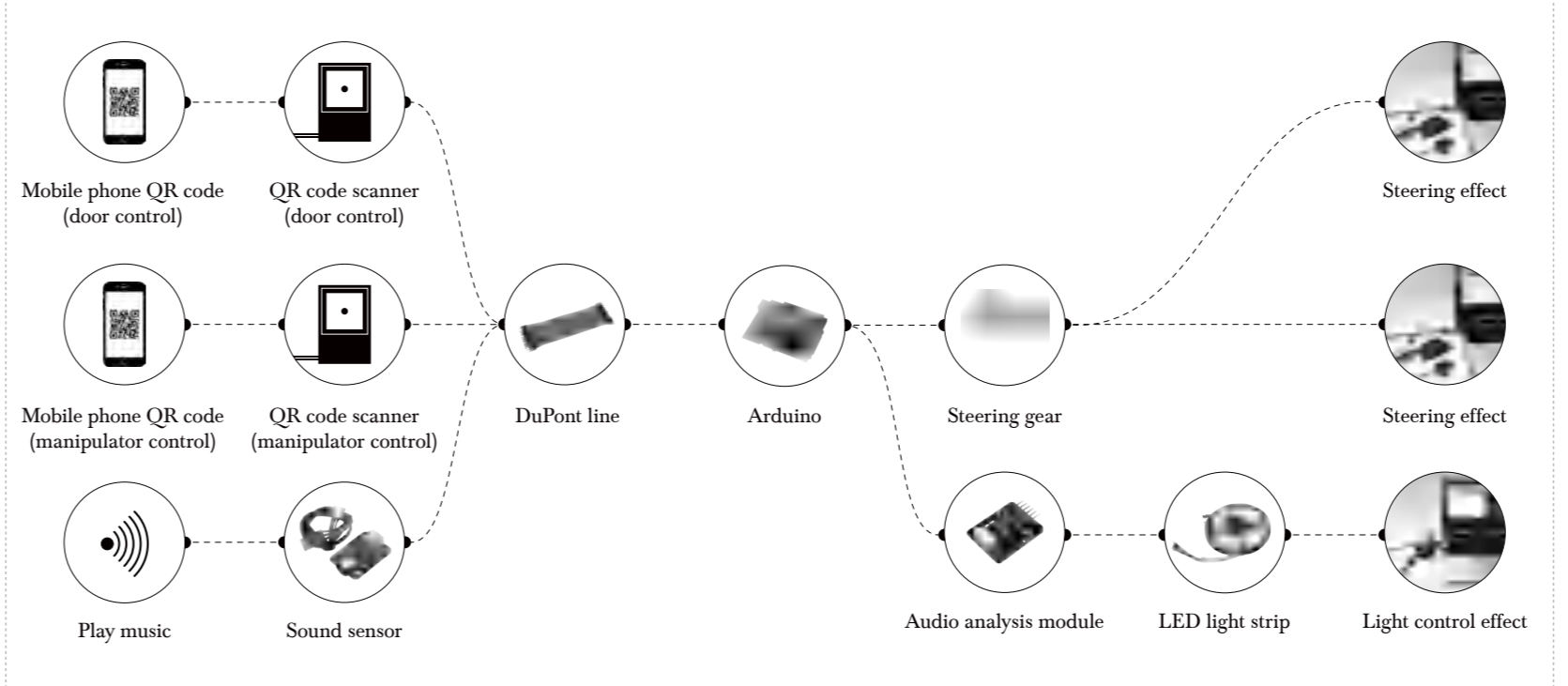
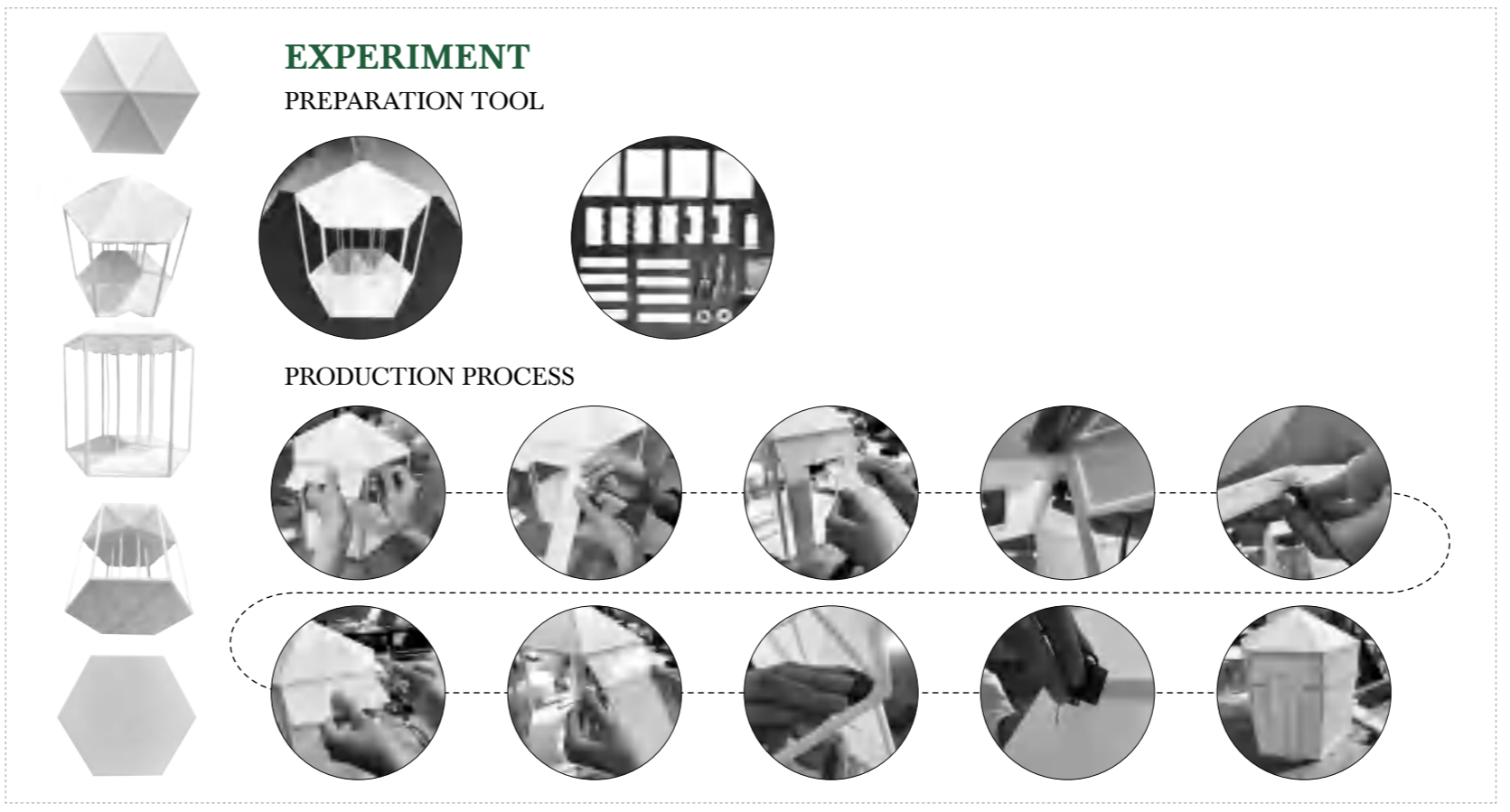
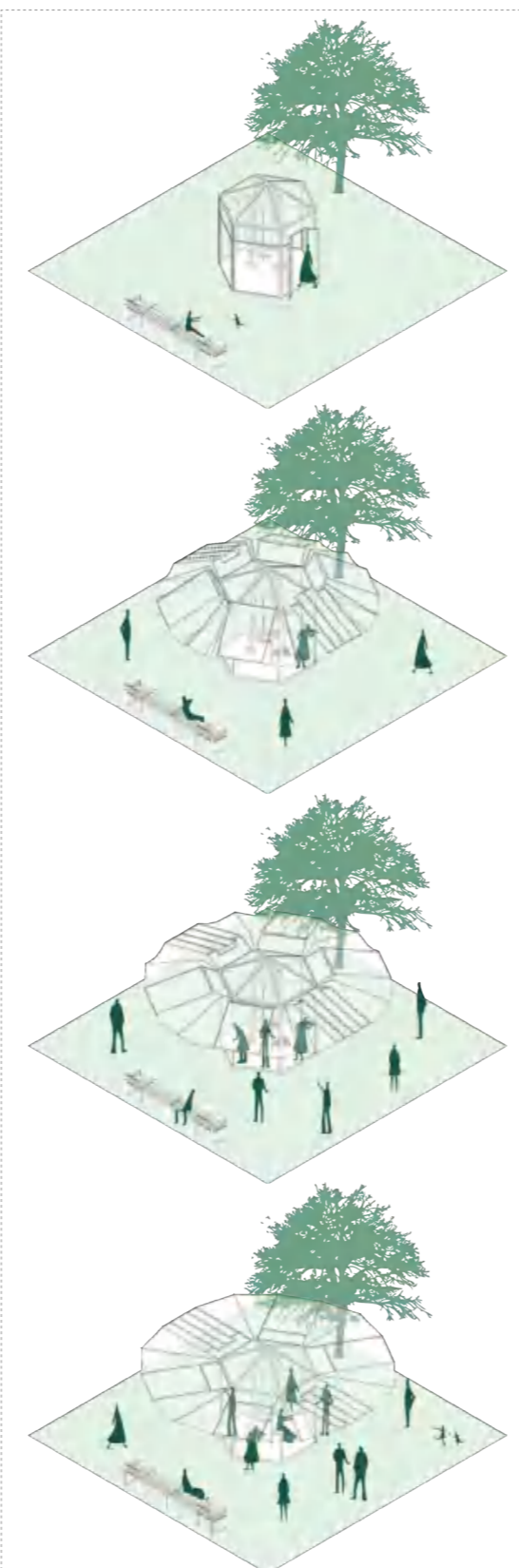
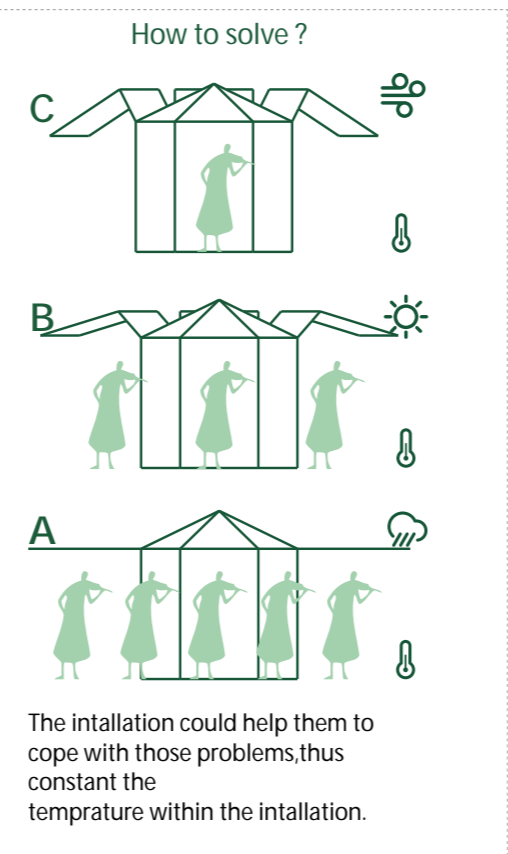
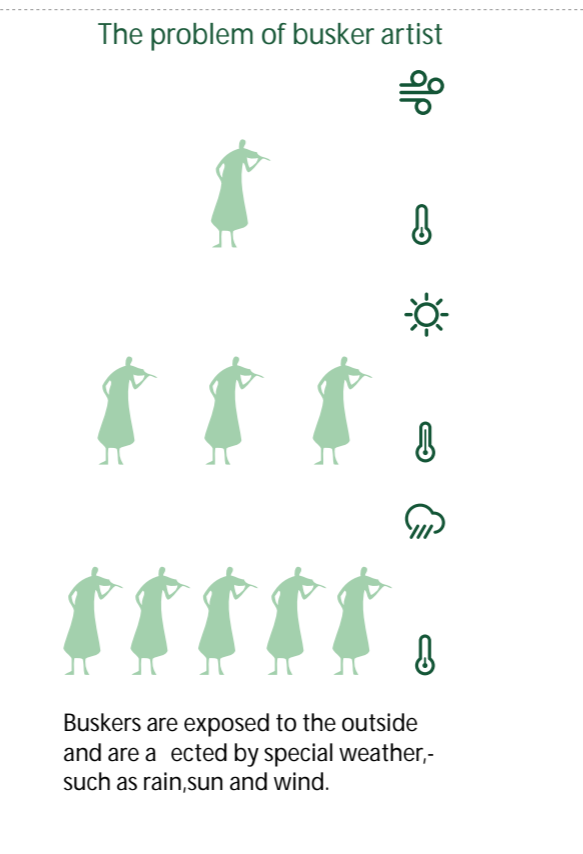
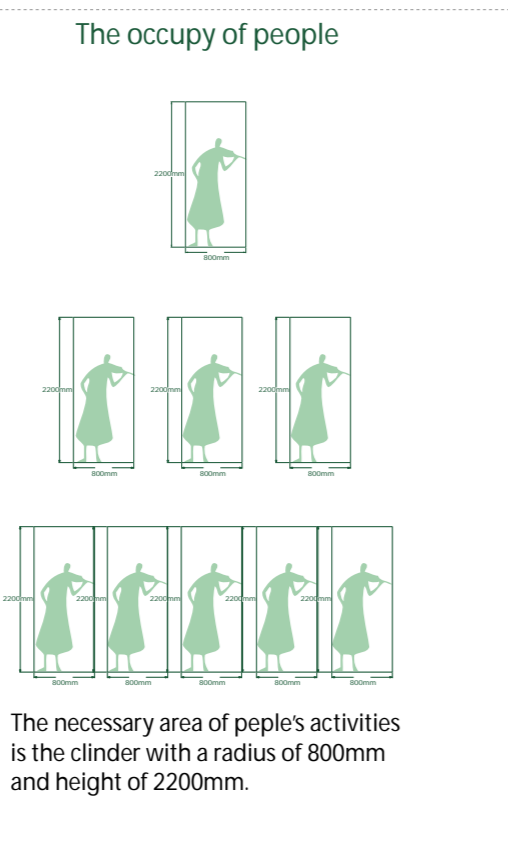
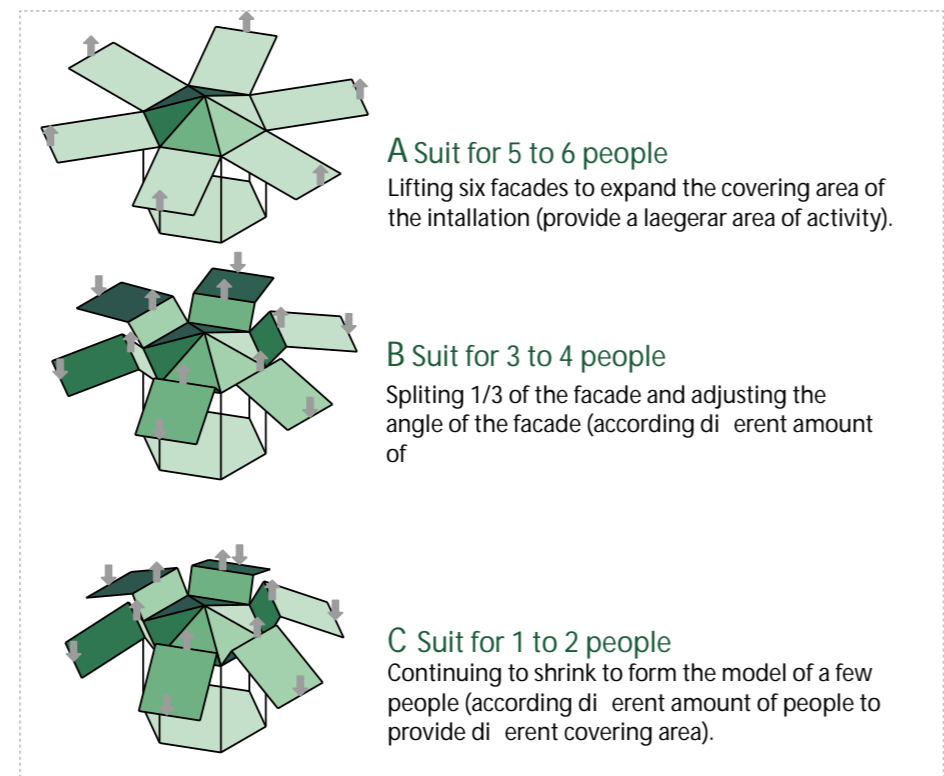
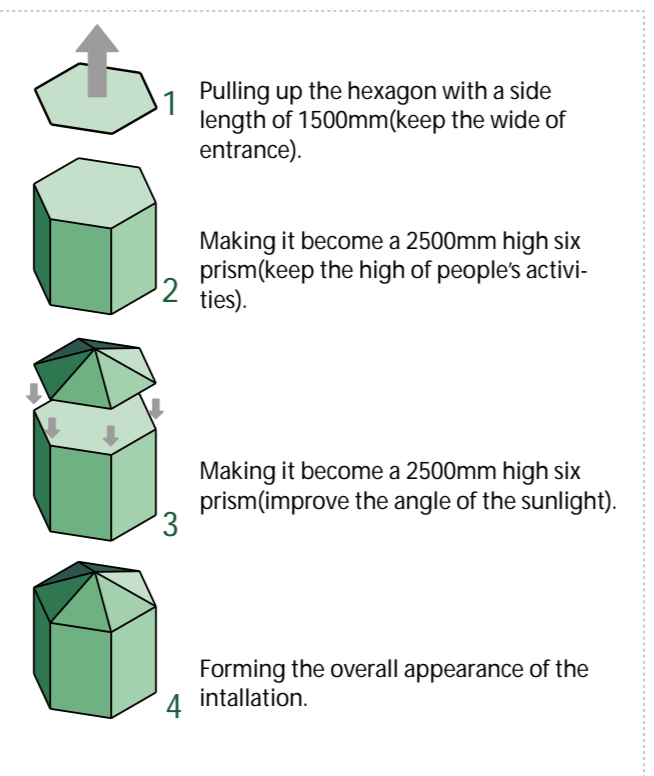
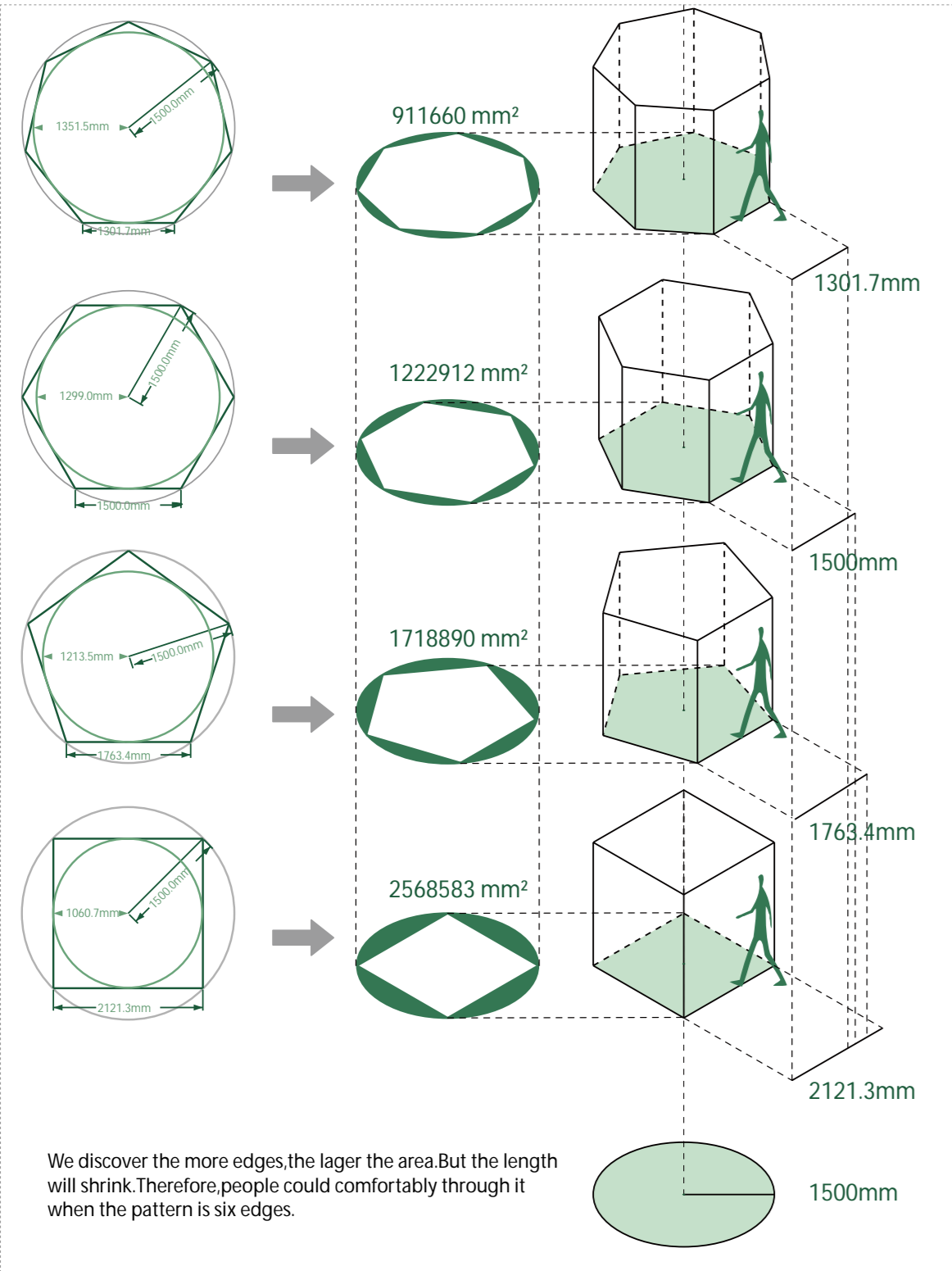


Which sites do you think fit into their performances without affecting residents' lives?

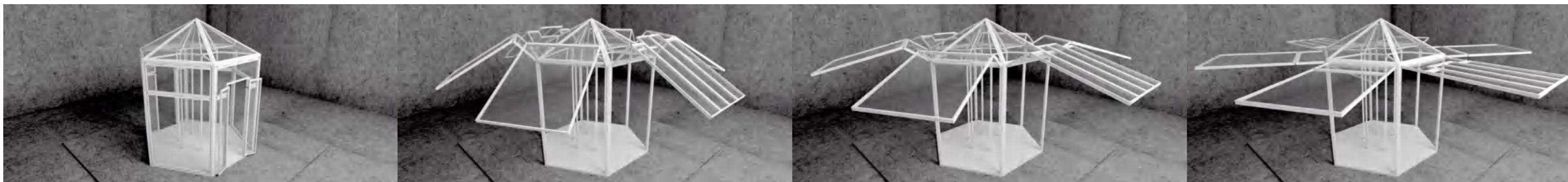
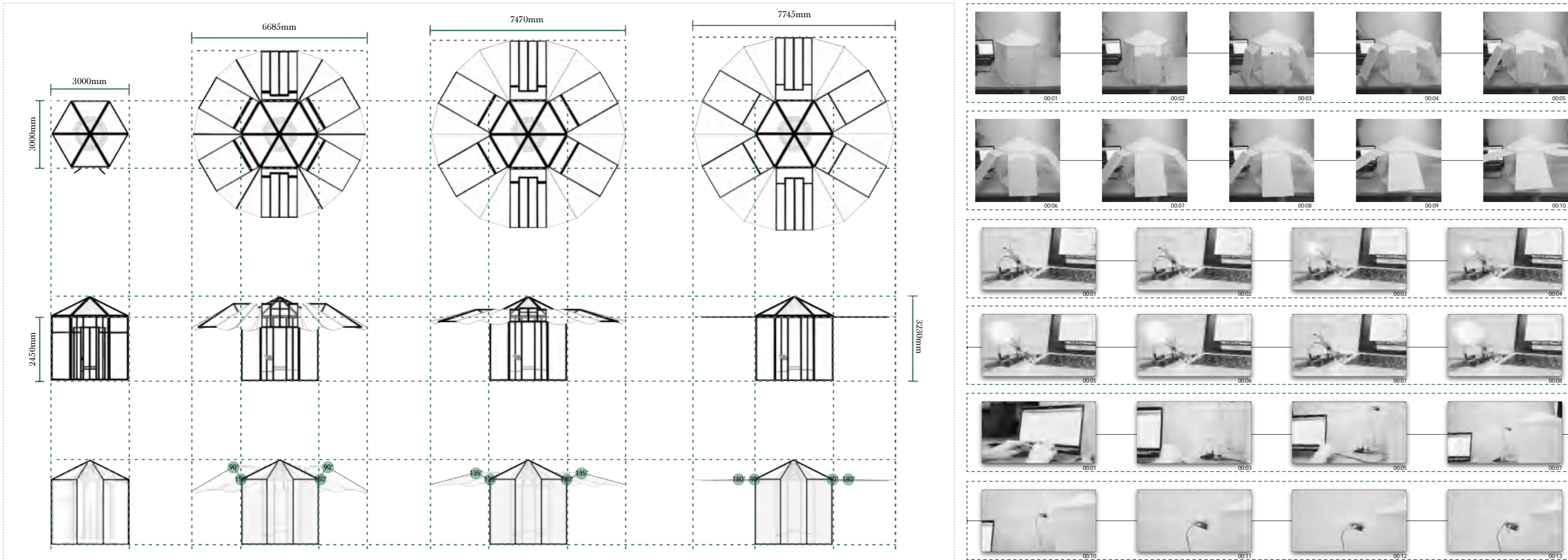


CONCEPT

At first, we should confirm the frame of the installation. According to the scale of a person's range of activities, we draw a circle with a radius of 1500mm. Then finding the most suitable form.



MODEL



OTHER WORKS

