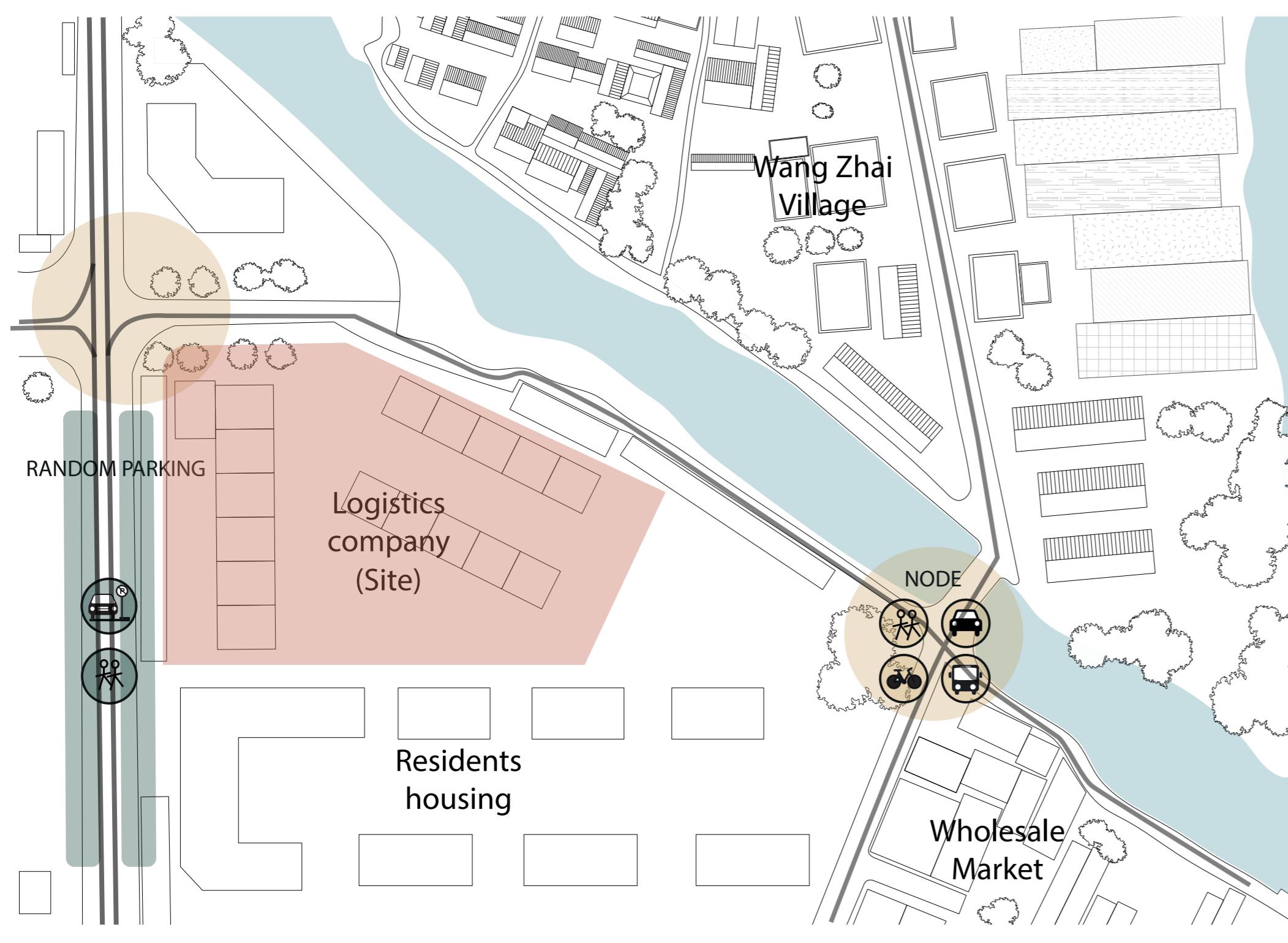
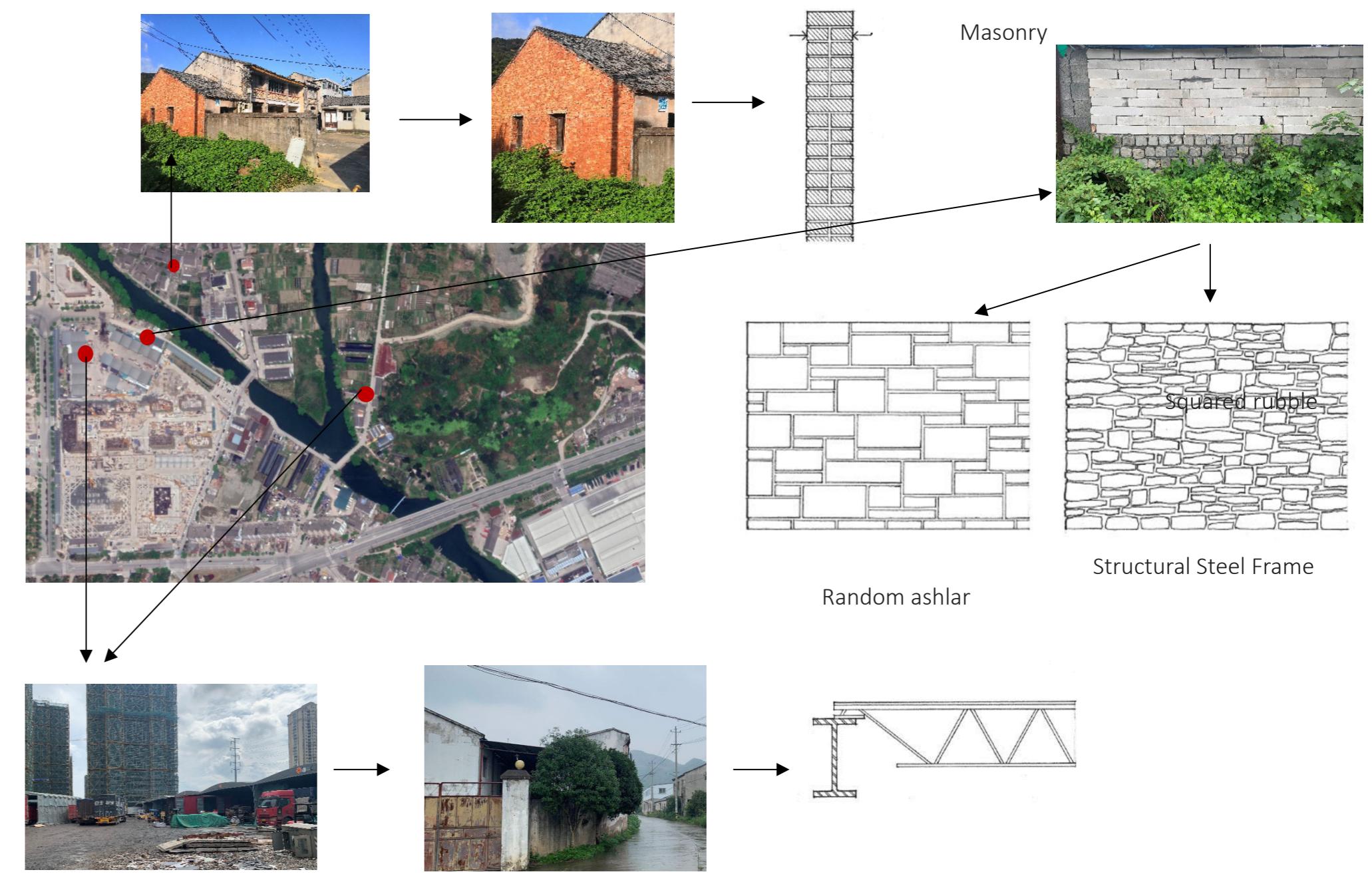


Site Condition



Site Analysis



Structures of surrounding buildings

Collages of surrounding

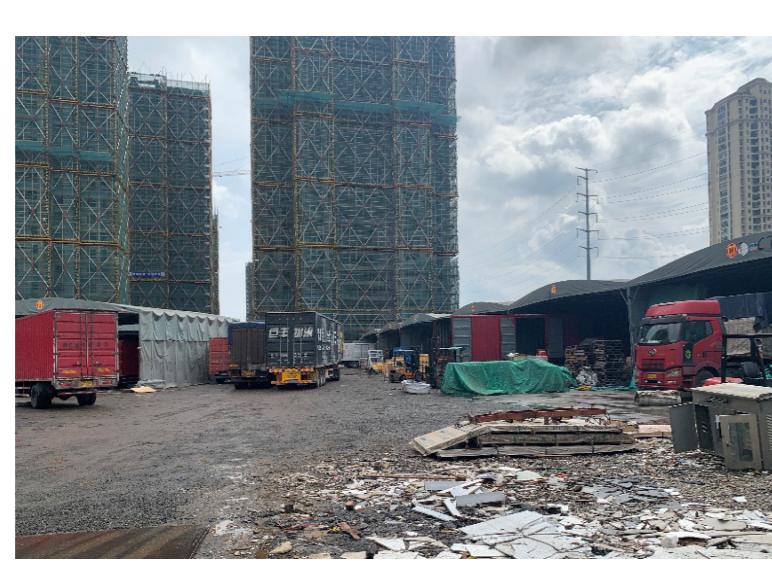


The around sight of site



The corner of logistics company

Interview



Logistics company

Interview 1

Me: Will the logistics company be here for a long time?
Administrator: This is a freight forwarding station, which won't last long.
Me: Is there a lot of freight traffic here? Is the coverage area of the freight source wide?
Administrator: Usually the flow here is not very large, but the traffic is also endless. Freight comes from all over the country.



Community Center

Interview 2

Me: Did most of the people in the old house move out?
Administrator: Yes.
Me: But when we visited the village before, we found that there were still people living in some of the houses?
Administrator: The actual situation is like this. Normal residents have moved out after coordination. But a few people are unwilling to move out, and there are also some outsiders, such as homeless people, who will live in some houses without our attention.



Fishing platform

Interview 3

Me: Do you often come here to fish?
Resident: Yes.
Me: Is there a variety of fish here?
Resident: Yes. There is a rich variety of fish in this stream.
Me: When do you usually come here for fishing?
Resident: Fishing in the middle of the afternoon when we are boring, but there is no exact time.

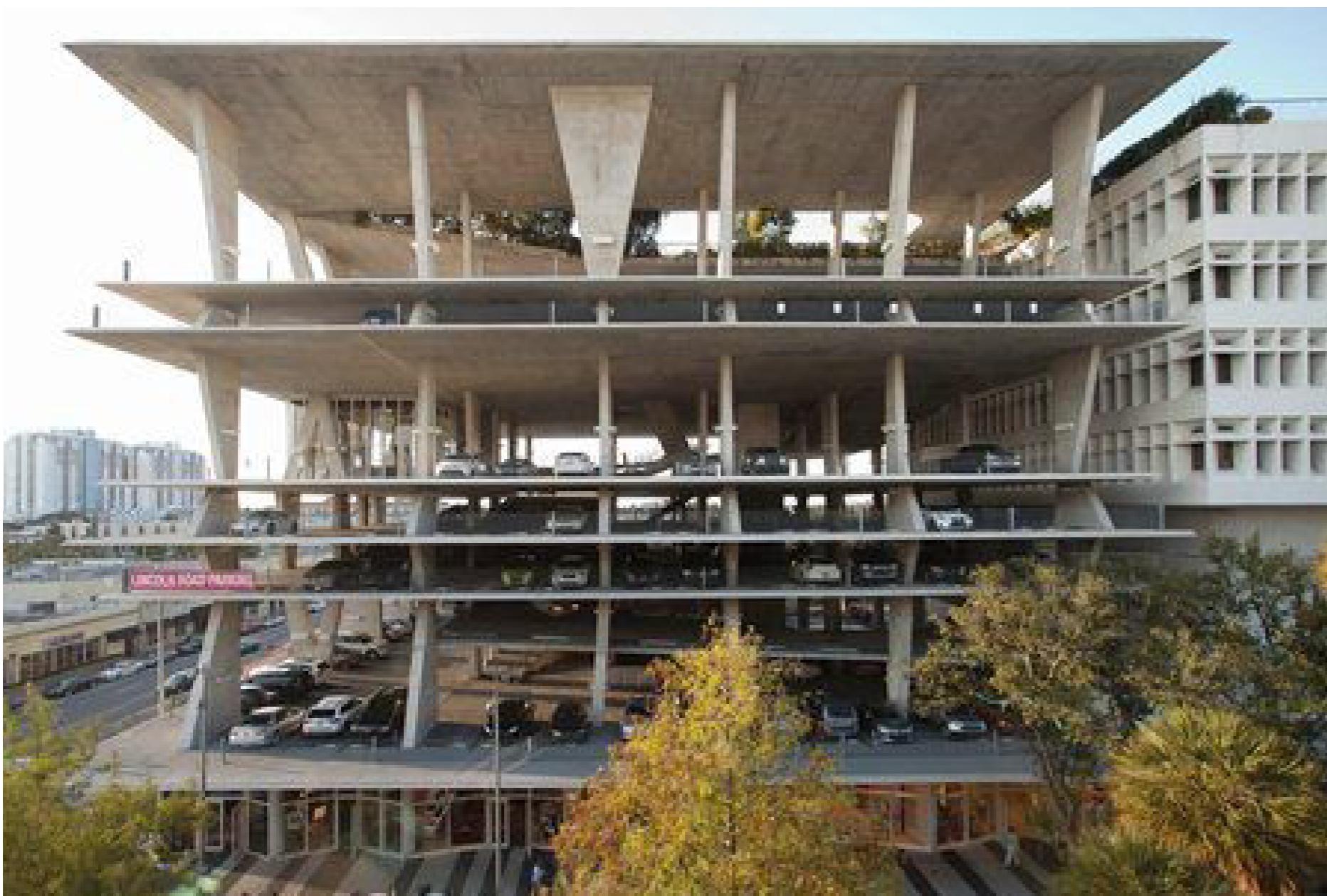
Description of the problem —Around Wangzai Village

Wenzhou-Kean University is an international university, which combines American and Chinese education. Wangzai village is a relatively traditional Chinese village built by the mountain, but because of the traffic comparison, there is only a few older people over the age of 60 years old. In addition, there are several residential quarters.

There is rough logistics company in the center of this area. In this place, the traffic is not convenient, also the road here is too narrow, which is hard for vehicle to go through.

Leisure Complex

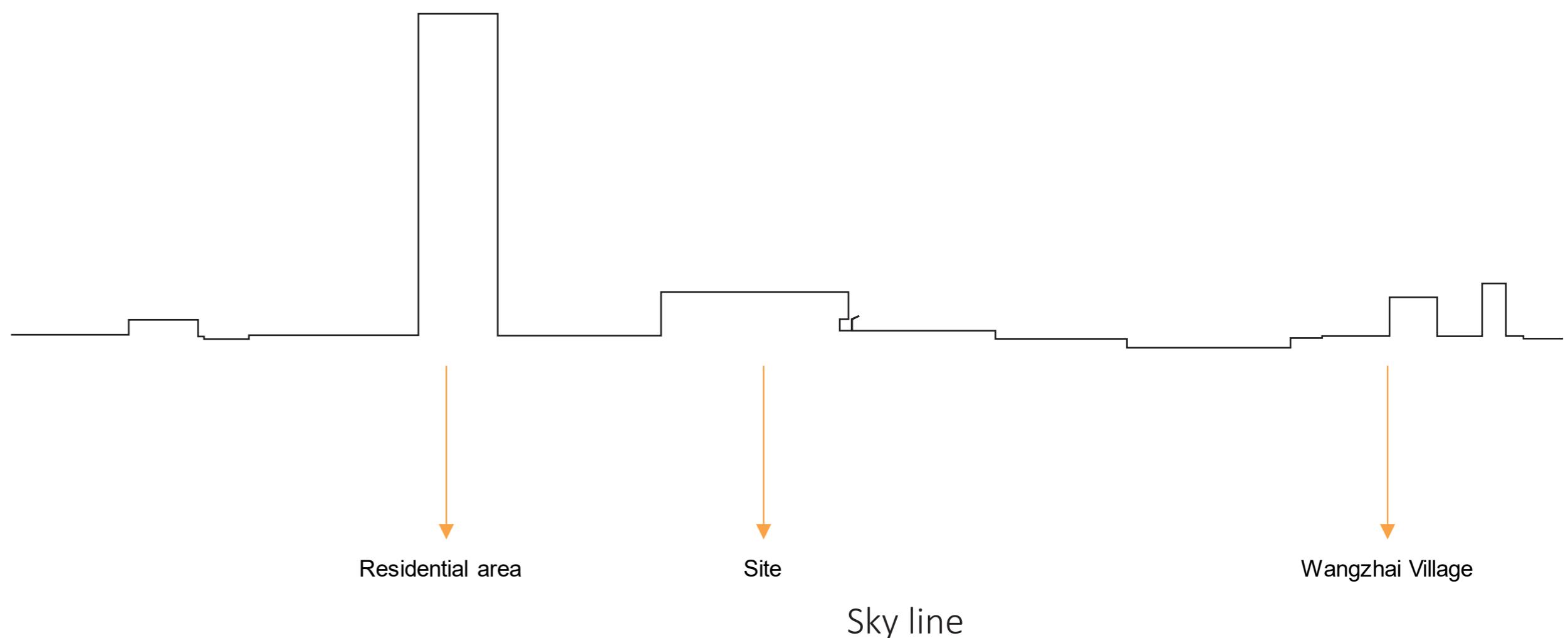
— Supermarket with Leisure area



Precedence : 1111 Lincoln Road

Problems of original site:

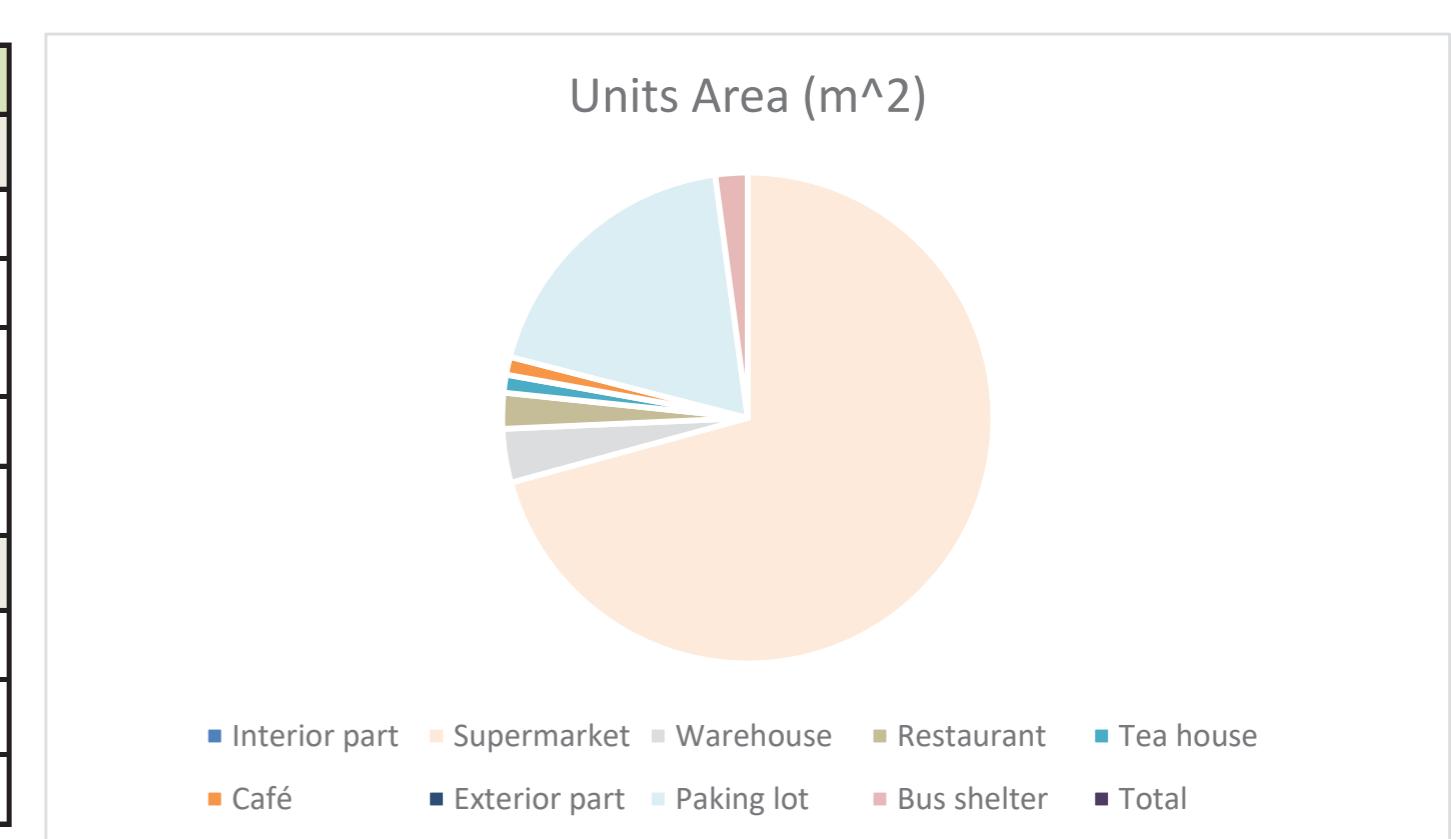
- The traffic of this place is mess
- The lack of access to transportation (Although there are traffic lines here, they do not cover a wide area and there are few frequency)
- The function is simple, it is just for temporary logistic.



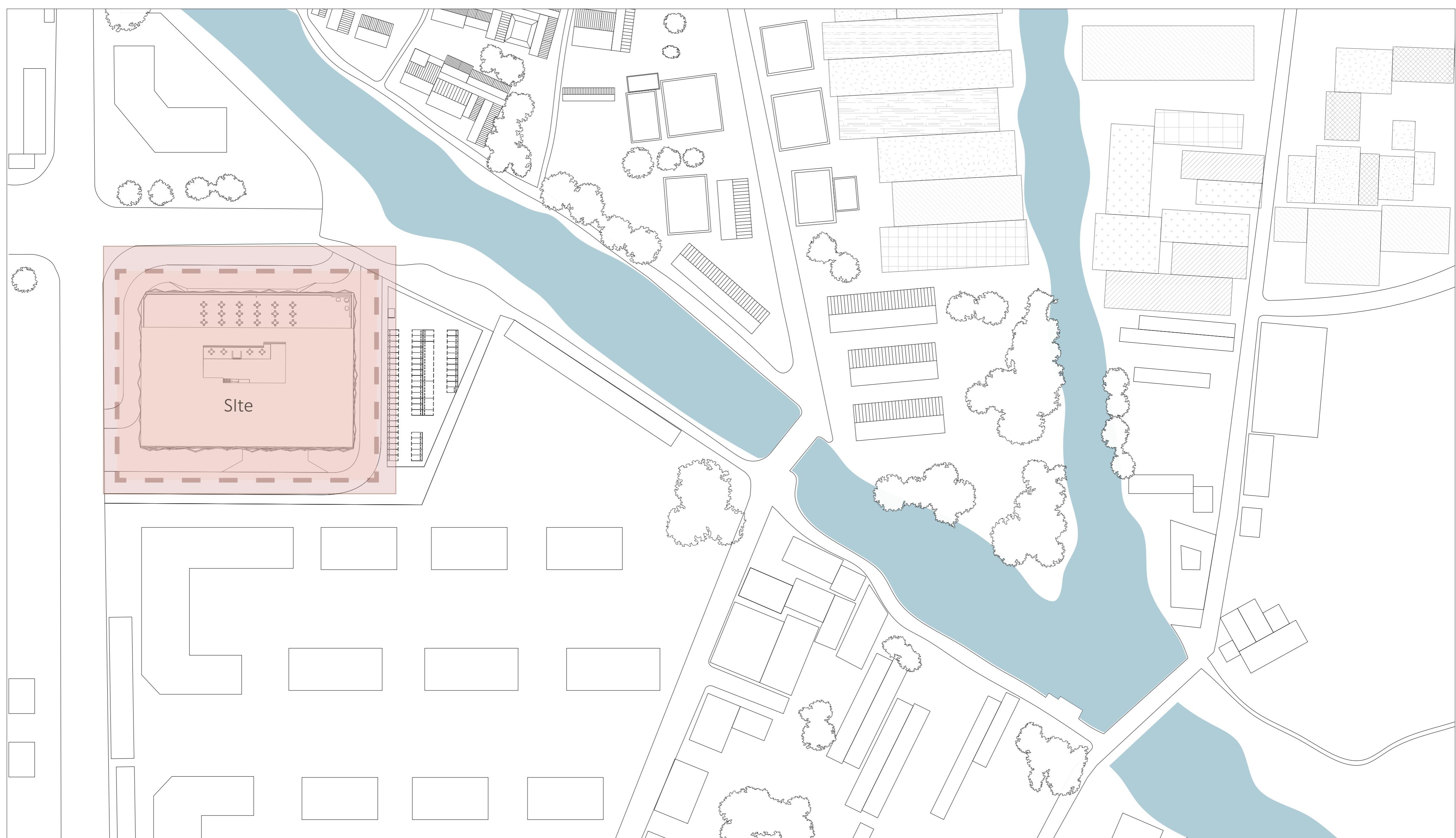
Mixed-Functional Area with Bus Stop

- As a small complex, can attract the young to work in this place, which can push the economic development nearby and slowing aging.
- Both the old WangZhai Village and the tall and modern building belongs to WangZhai Village. Thus, a social activity area and supermarket for the residents can provide convenience for their life.
- The future Wangzhai Village may become part of a school or a tourist village, but the traffic in this area is not organized. Therefore, the complex with bus stop with other functions can effectively promote the development of the surrounding.

Function	Units Area (m^2)	Area (m^2)	Number of people(maximum)	Number of Staff
Interior part				
Supermarket	3000	3000	800	150
Warehouse	150	300	0	20
Restaurant	100	600	225	50
Tea house	50	100	30	5
Café	50	100	30	5
Exterior part				
Paking lot	800	800	125	3
Bus shelter	90	360	100	1
Total		5760	1430	262



Area Arrangement



Site plan



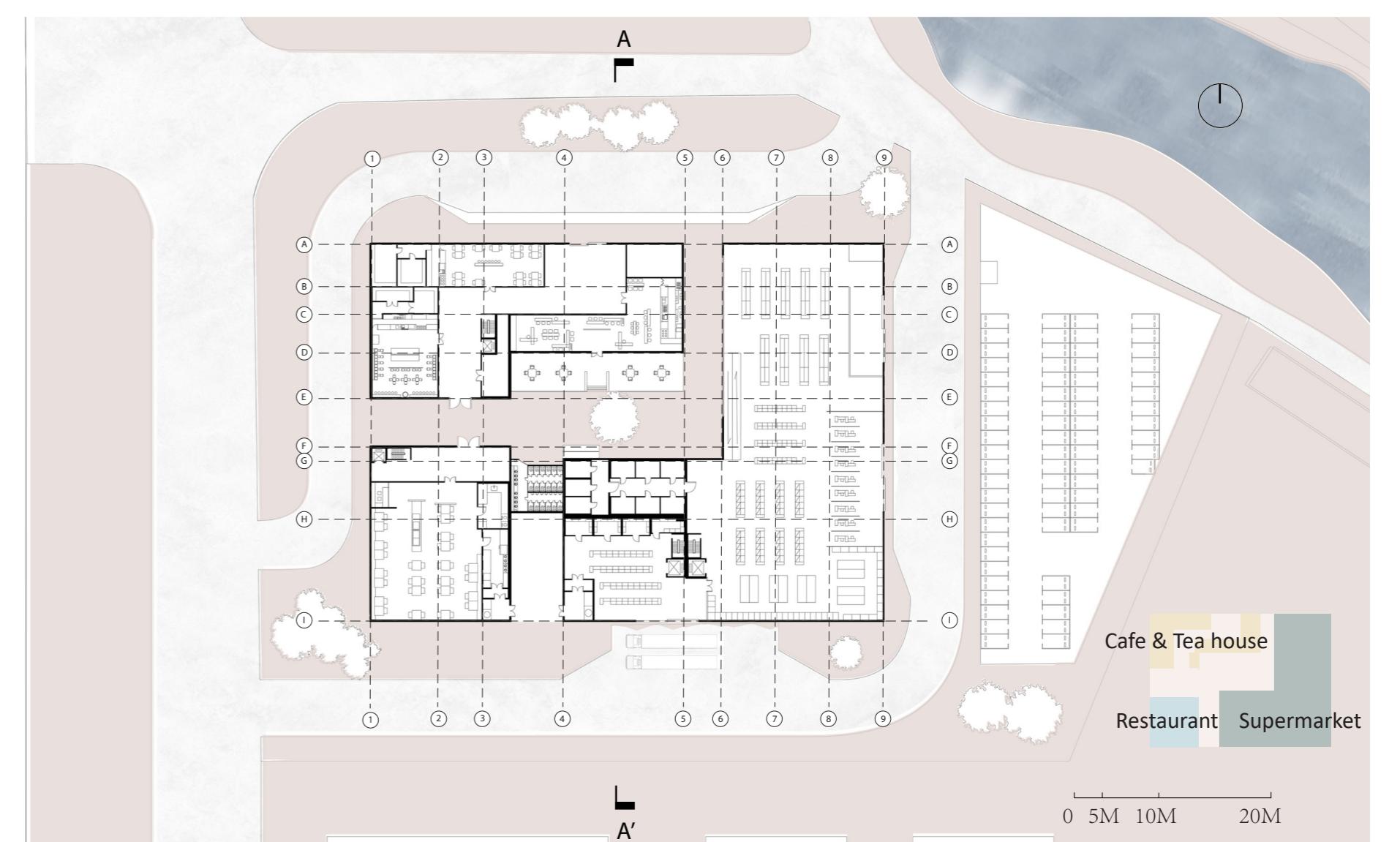
Building Elevation

Design concept

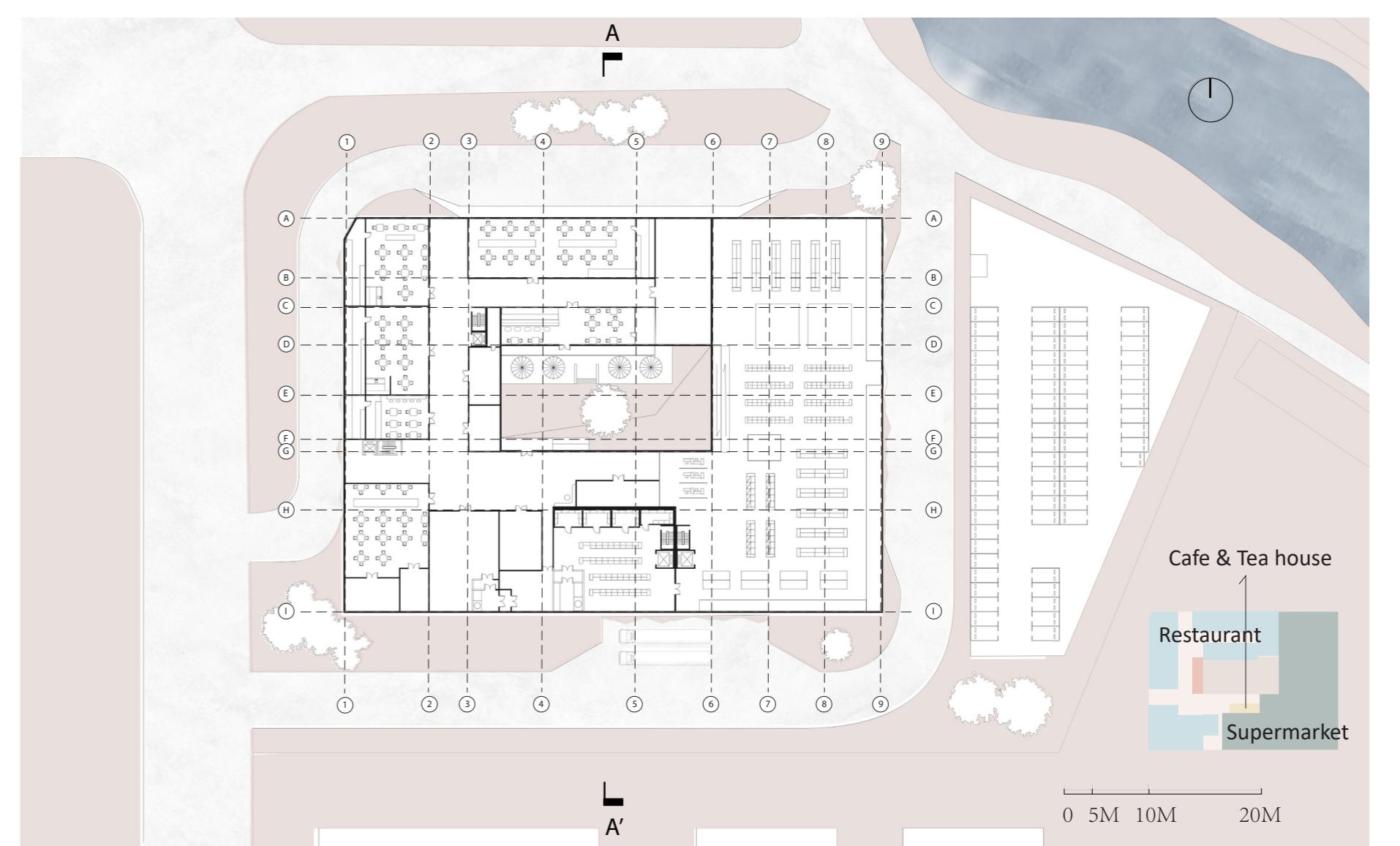
According to the needs of the local population and the need for economic development, the project function is mainly concentrated in the supermarket and recreational area. Moreover, the concave and concave texture of the building facade echoes the surrounding mountains.



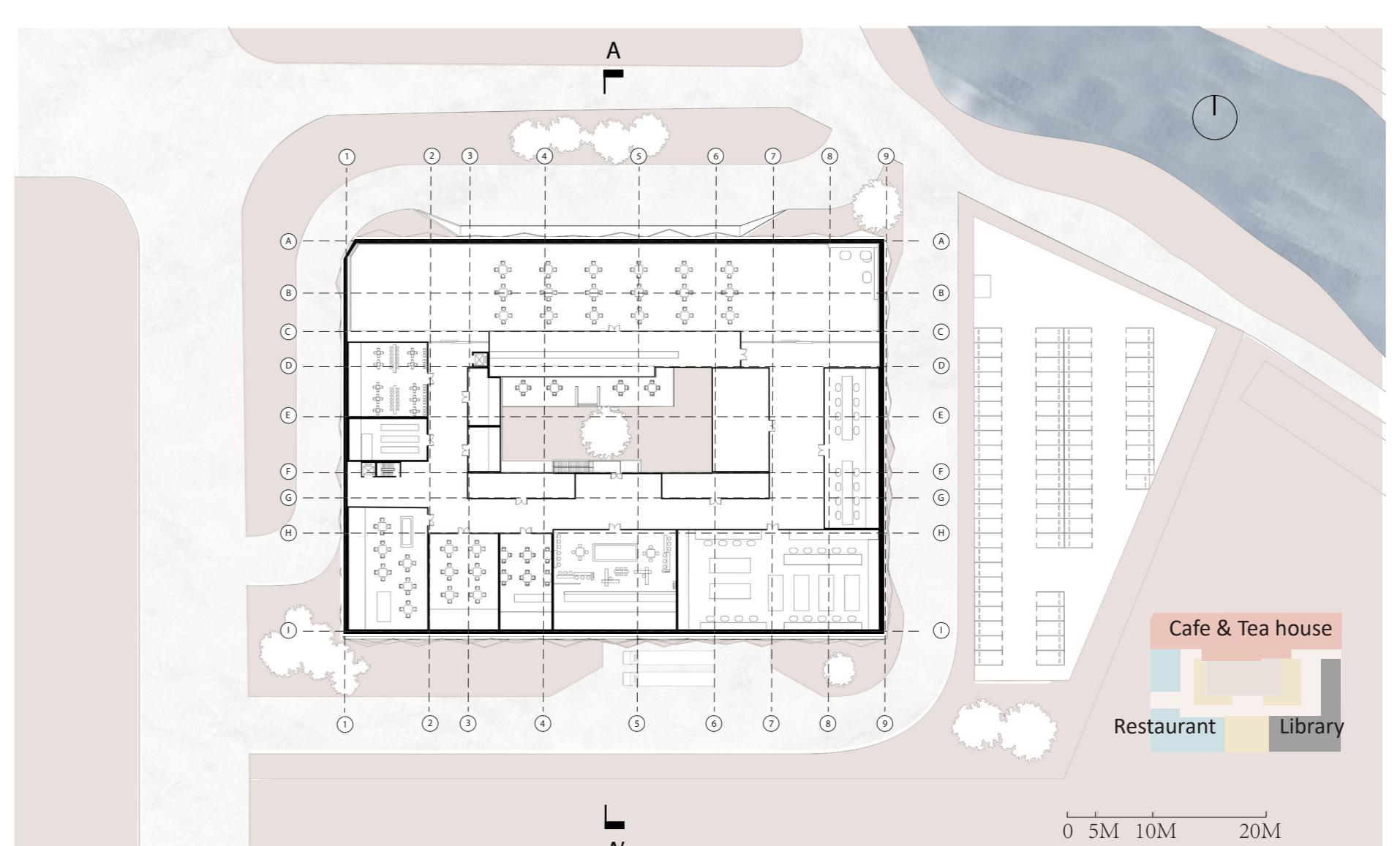
Collage



1st Floor plan



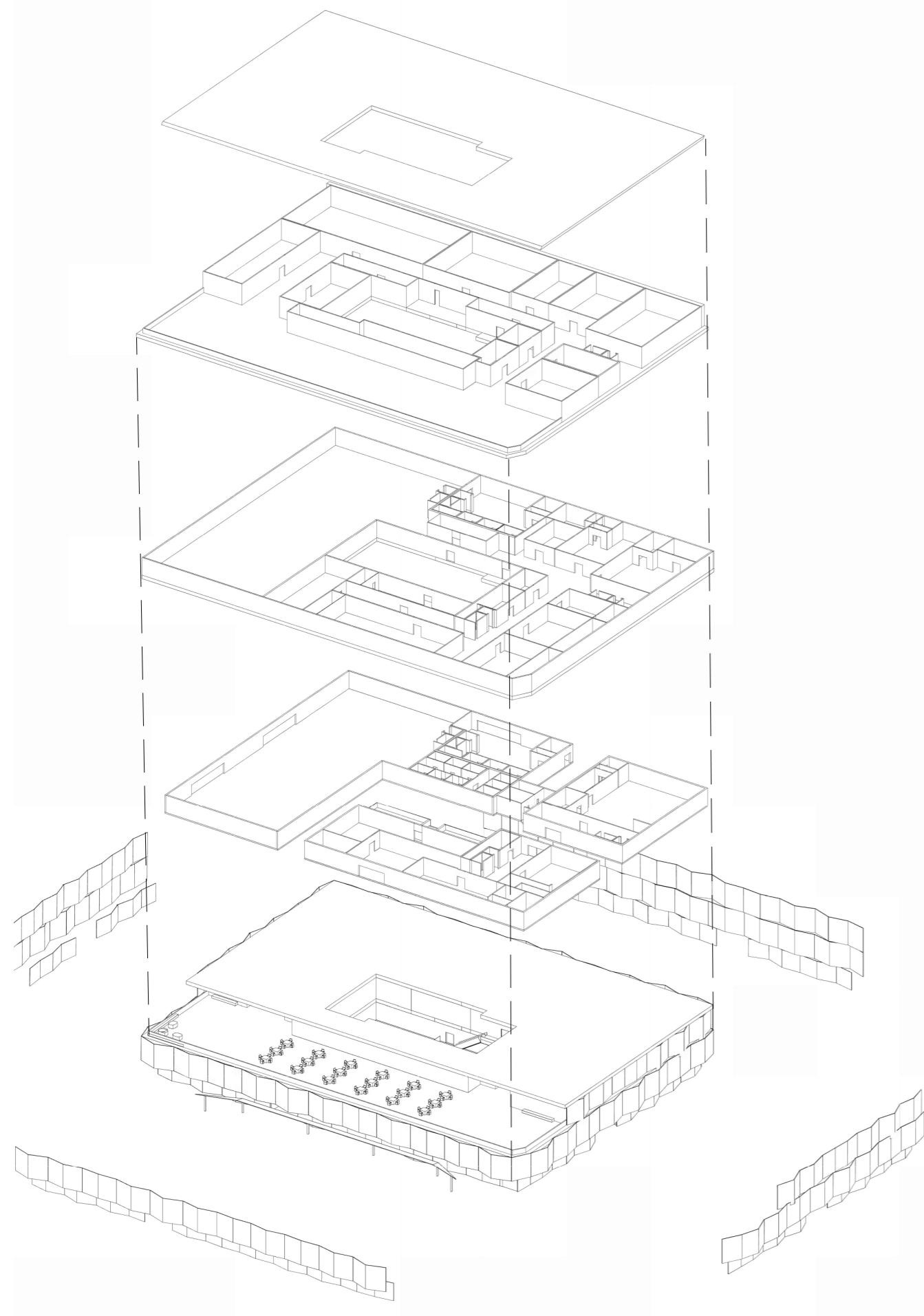
2nd Floor plan



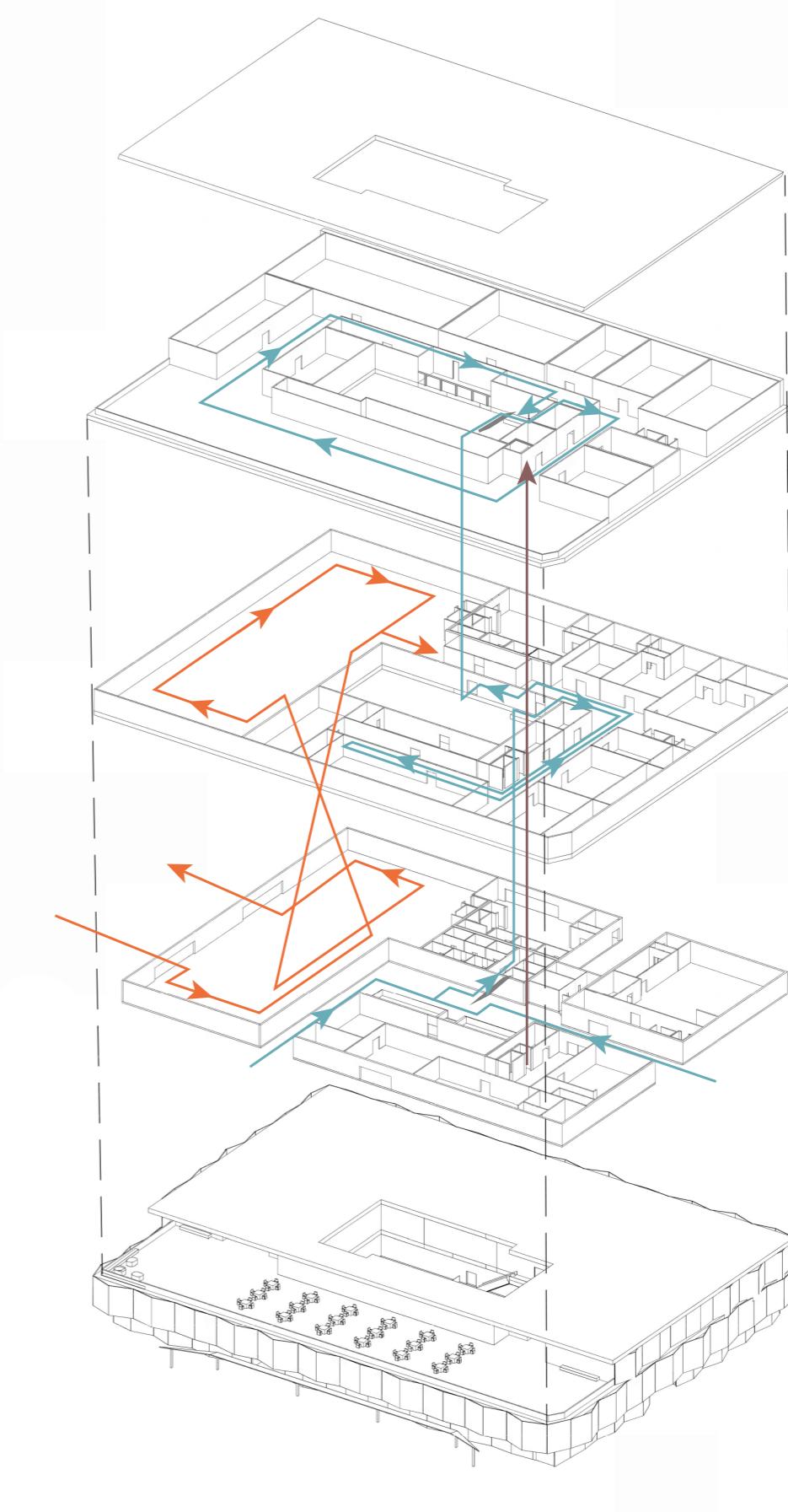
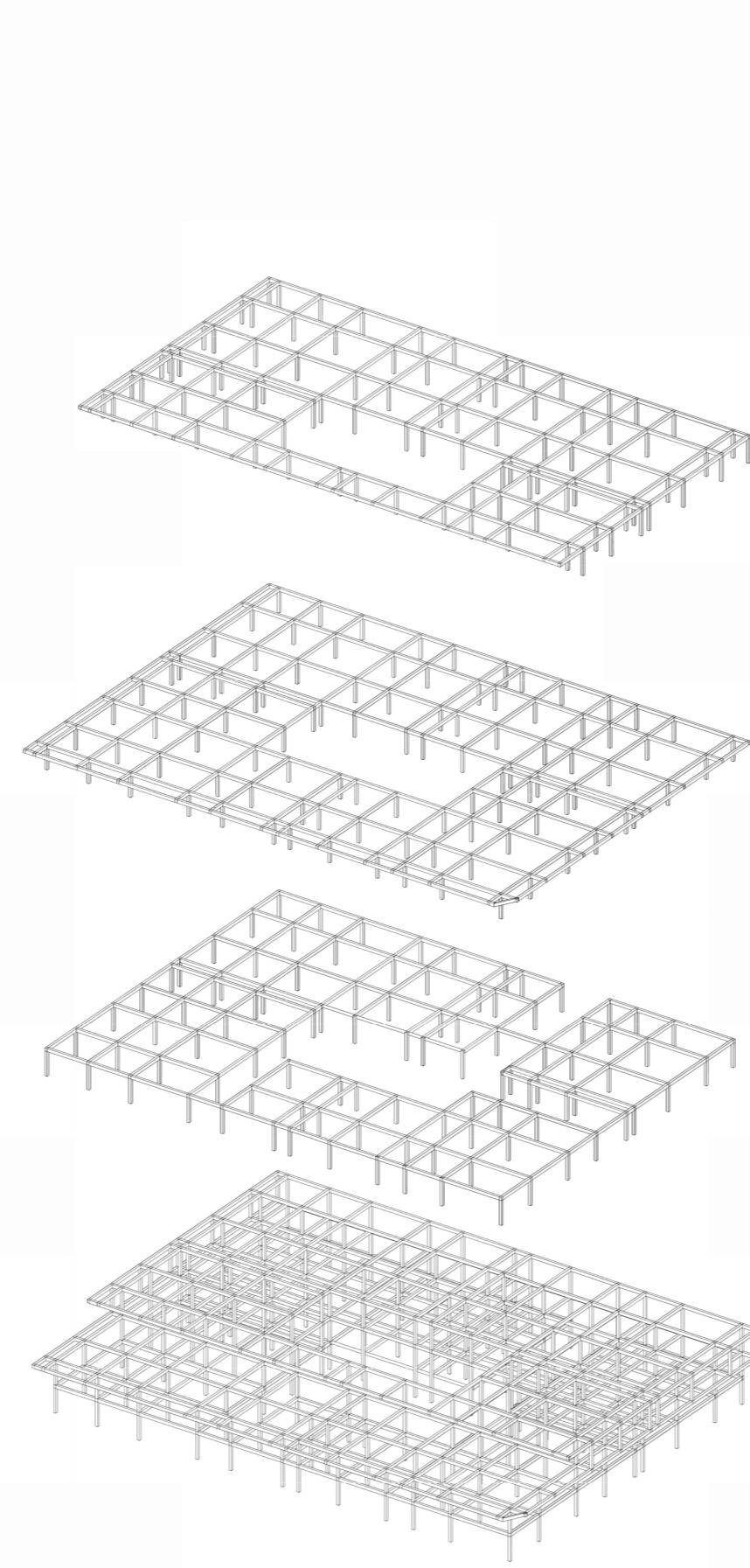
3rd Floor plan



Collage

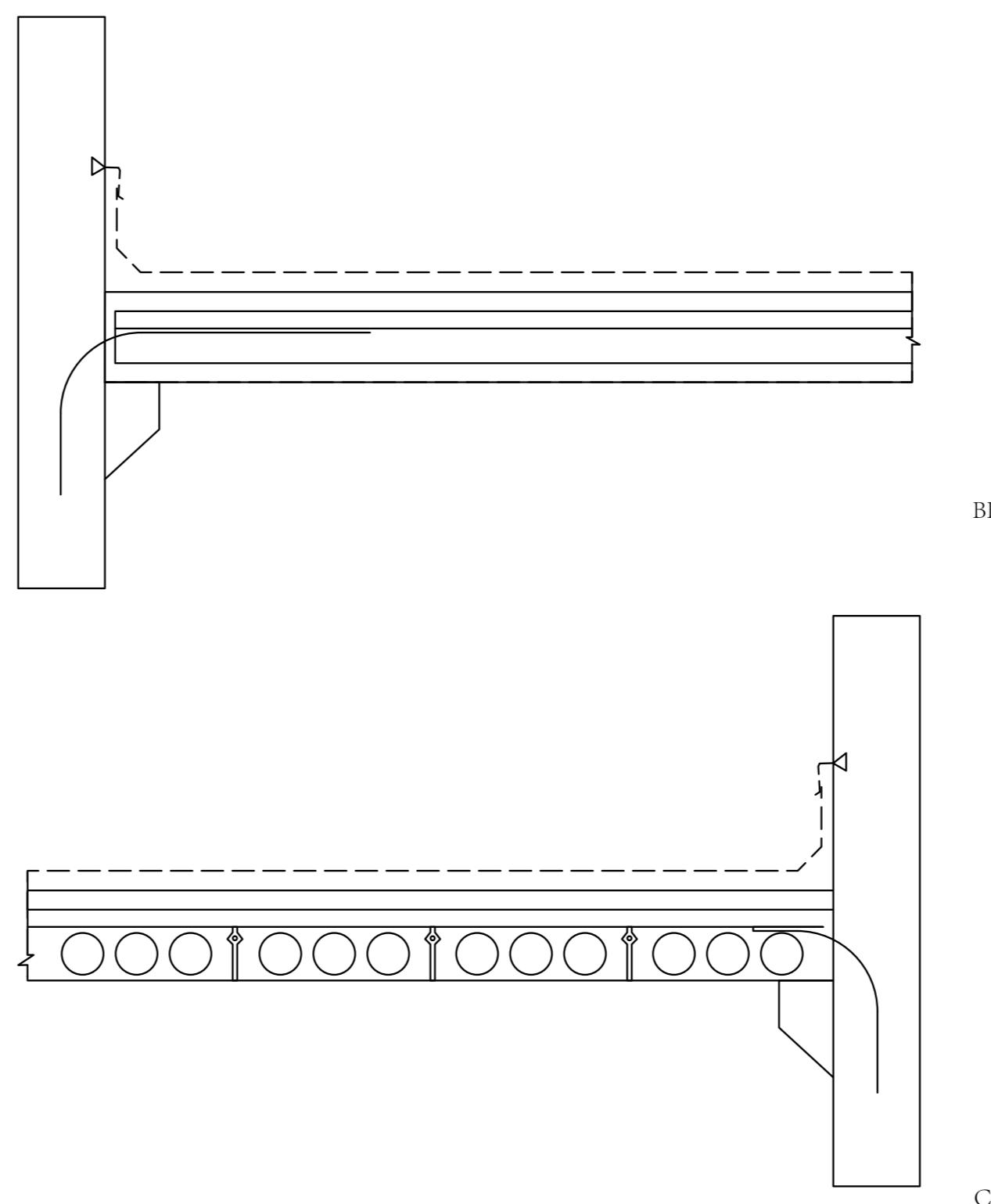
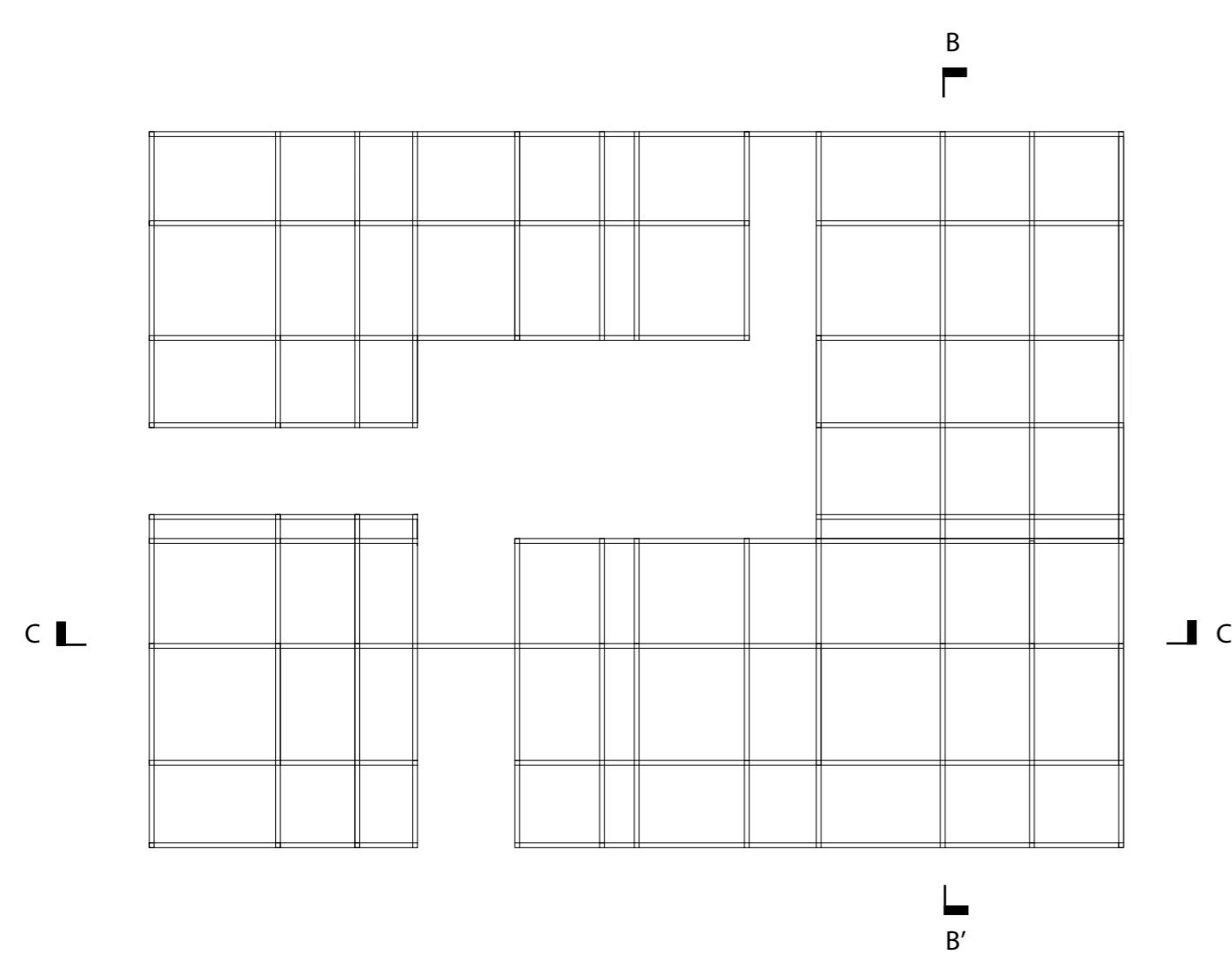


Axo Drawing



Circulation

The direction of people flow in the supermarket
The direction of people flow in the leisure area
Express lift



Structure details

Flat slab with beams in two directions

A two-way slab with beams is a type of economical flooring system, often used as it costs less than flat plates or flat slabs. In other words, when the loads or spans or both become quite large, the slab thickness and column sizes required for flat plates or flat slabs are of such magnitude that it is more economical to use two-way slabs with beams, despite the higher form work costs.

Advantages:

Economical for longer spans and high loads.

Disadvantages:

Presence of beams may require greater storey height.

Requires a regular column layout.

Slow floor cycle.

Flexibility of partition location and horizontal service distribution.



Overview Section