

Transitional Space

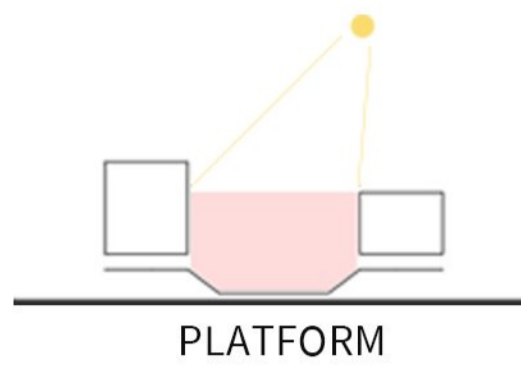
STU Innovation Center



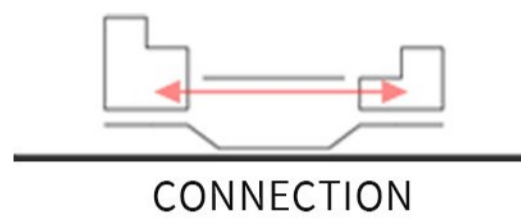
The site is located in the center of Bratislava, Slovakia. Around the site are government agencies and the historic town, as well as various business buildings and museums, showing the diversification of the site and the different service targets.

One of the biggest challenges facing the site is the campus buildings around it. There is no obvious entrance to the site of the existing buildings. Considering that architecture is an open space for academic exchanges, how to attract people to the campus is the design goal. The design concept is to set up buildings with different functions in the center of the campus, and then use the platform to gather all public functional spaces to create a "transitional space" that can increase communication and activities.

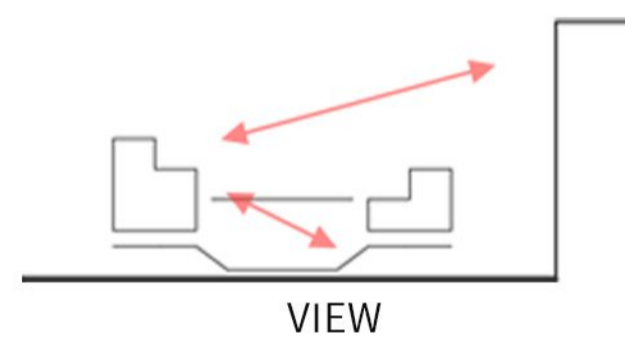
Design Concept



People must go to the platform to enter other public spaces, the circulation can increase the chances of meeting.



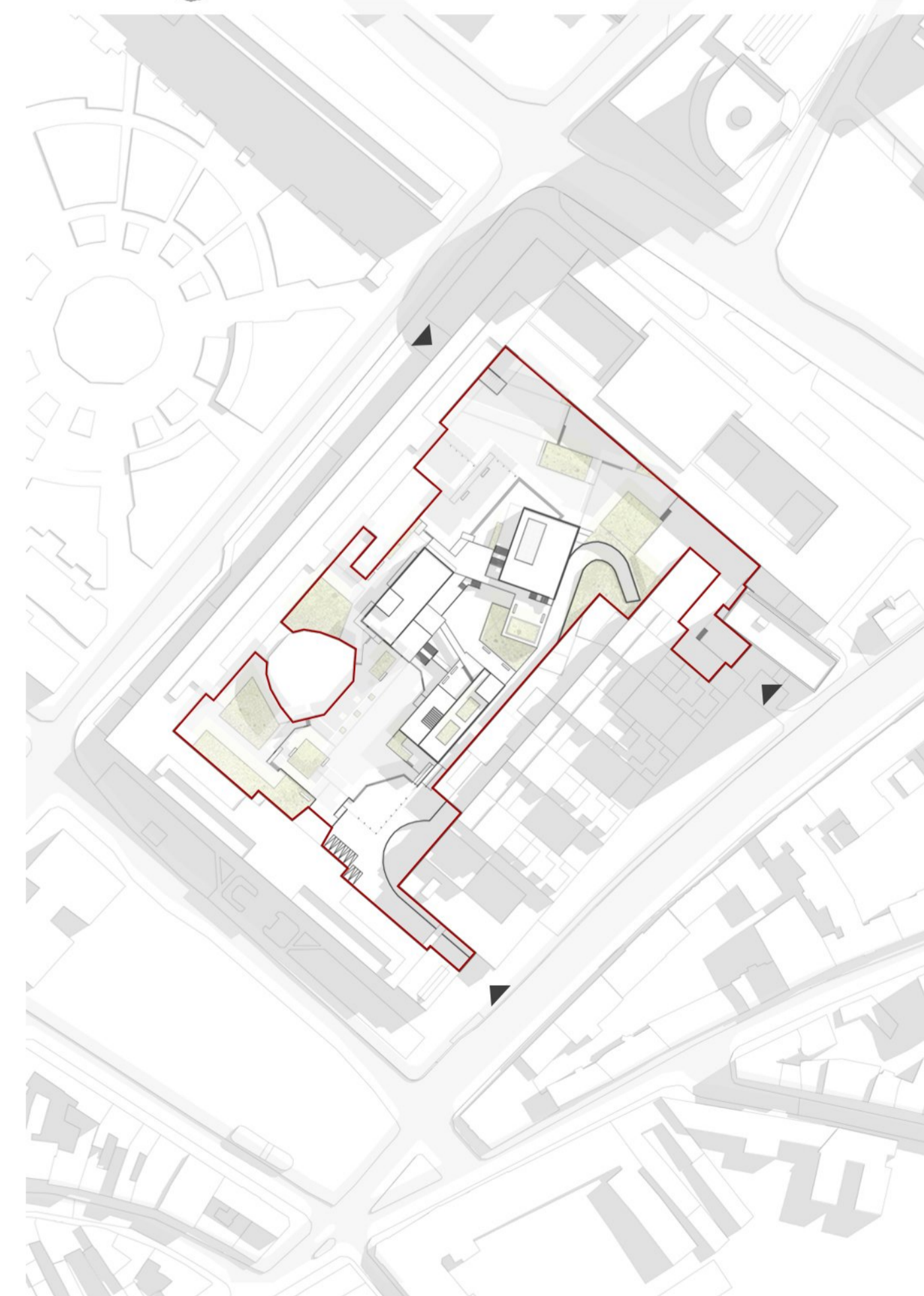
Bridges and platforms as a means of horizontal movement between buildings.



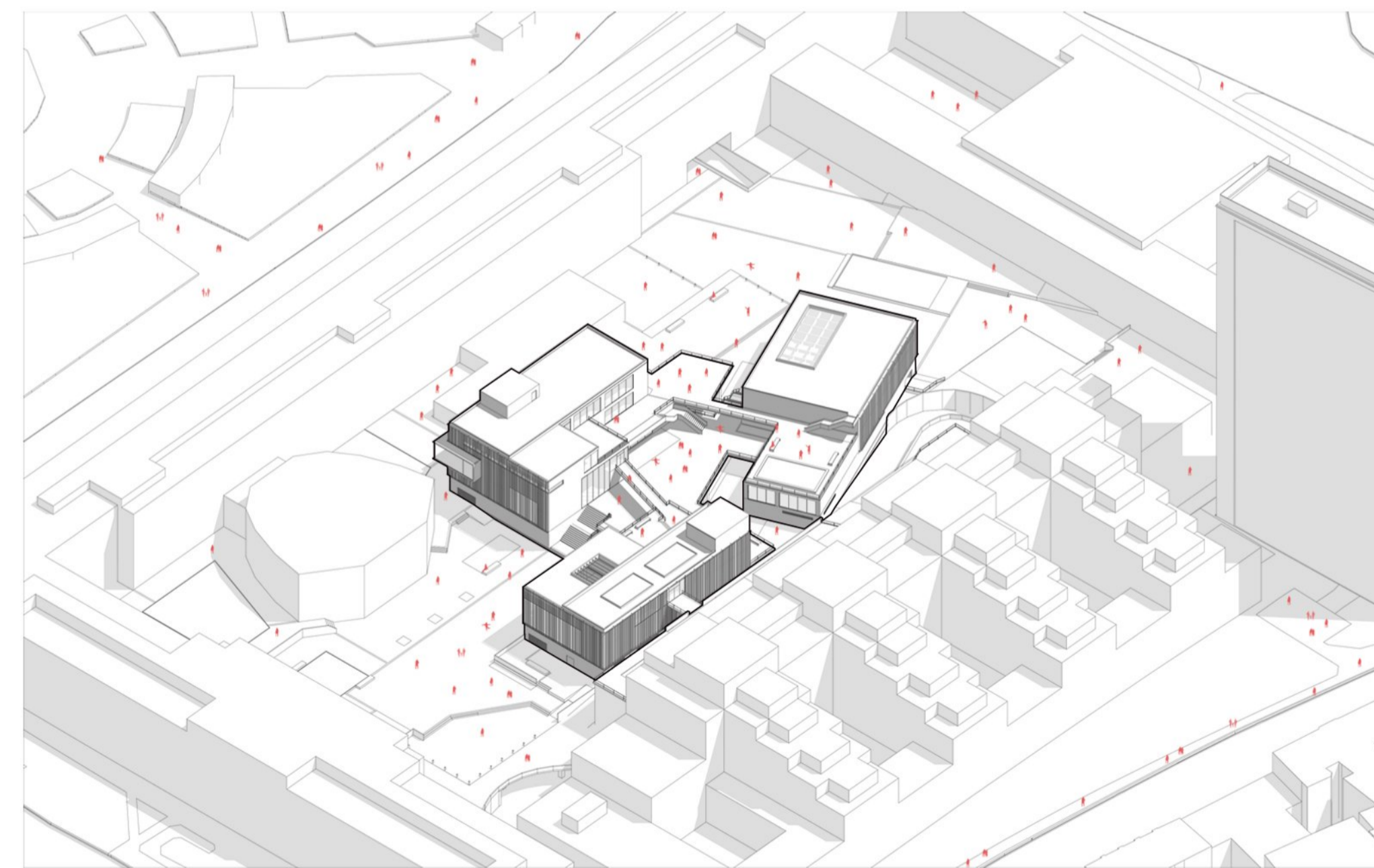
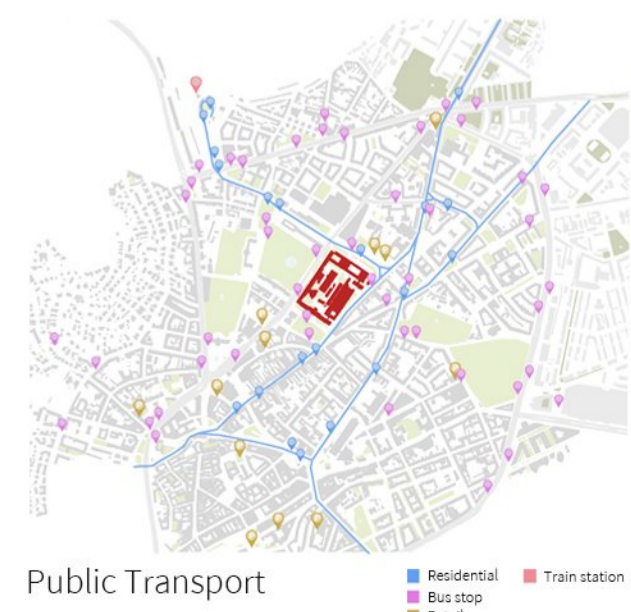
Attract other people to participate through activities that take place in the public area.



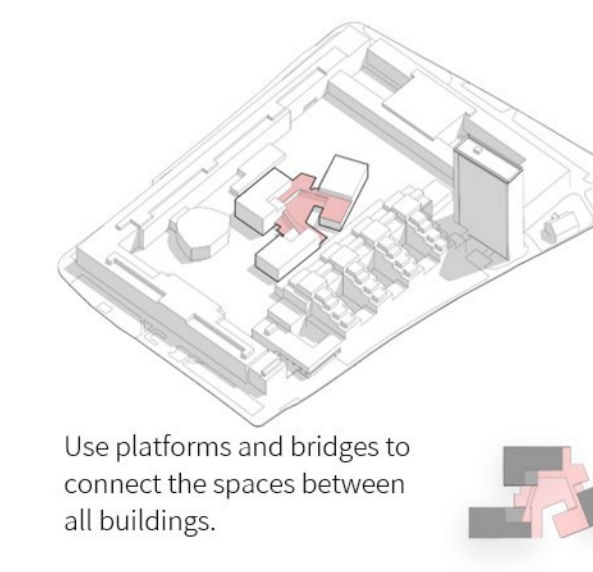
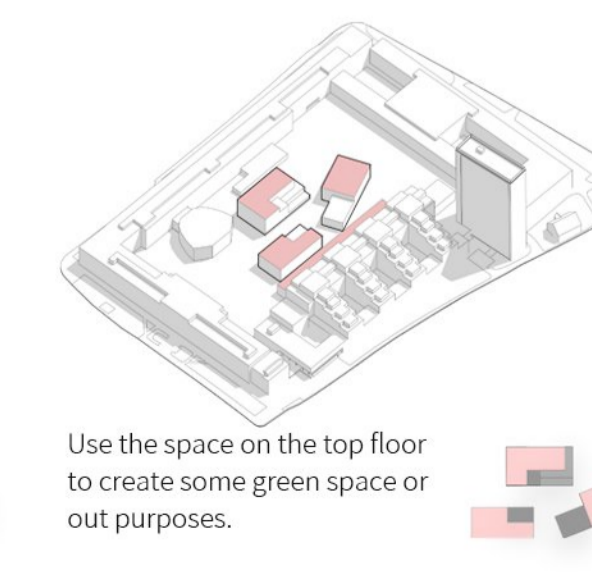
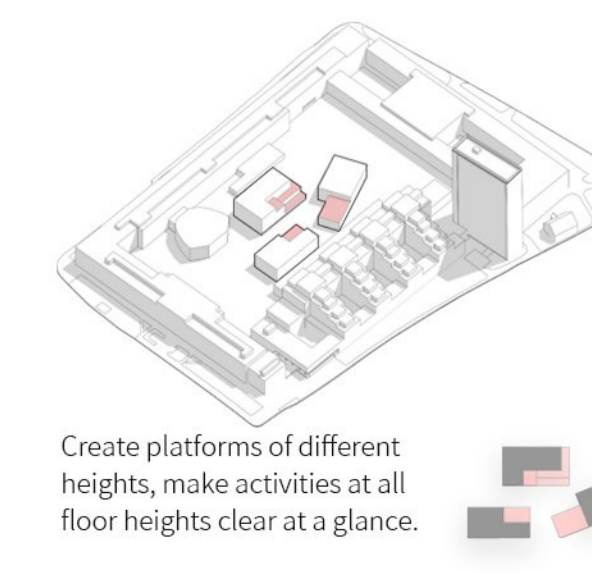
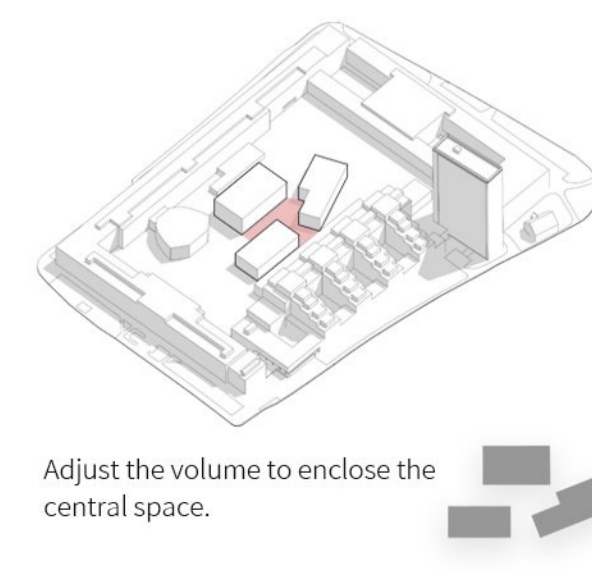
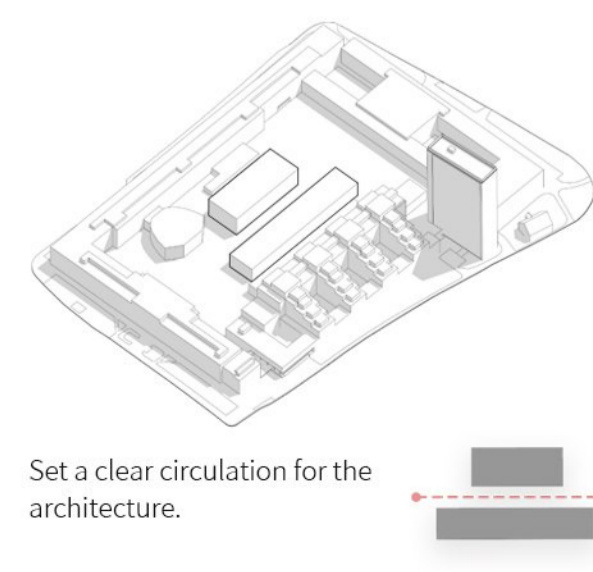
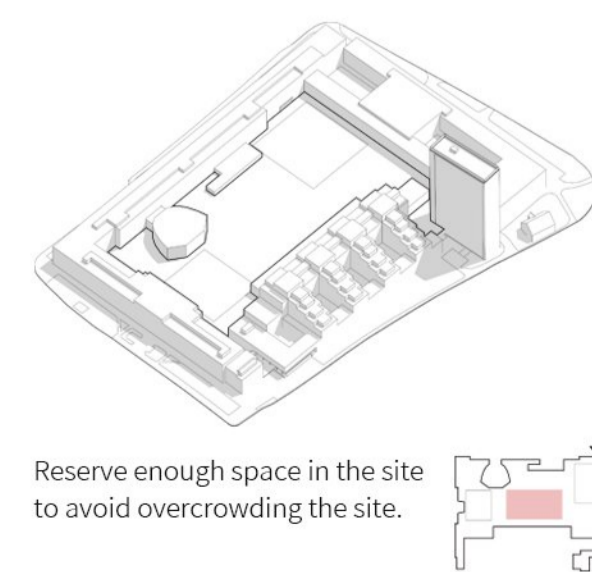
Site plan



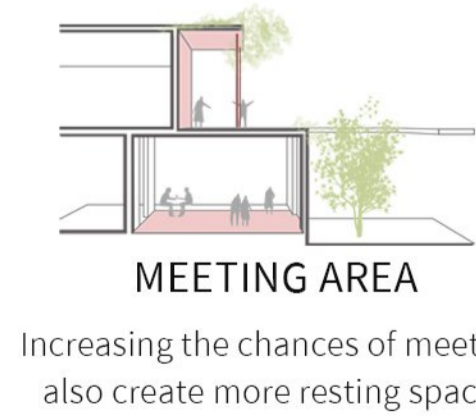
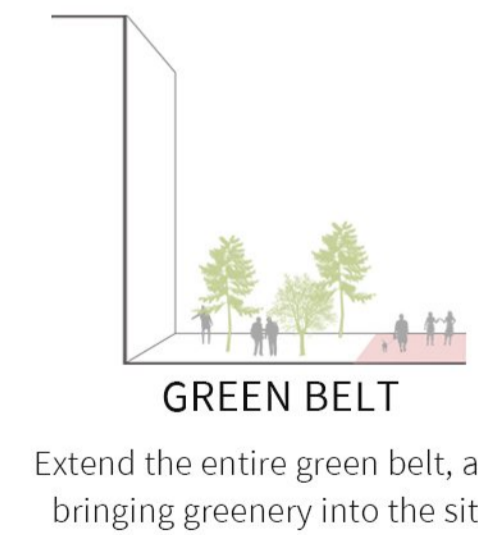
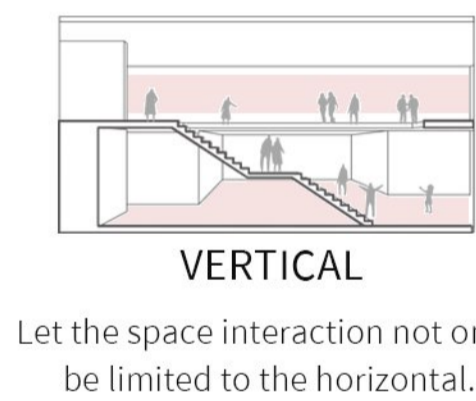
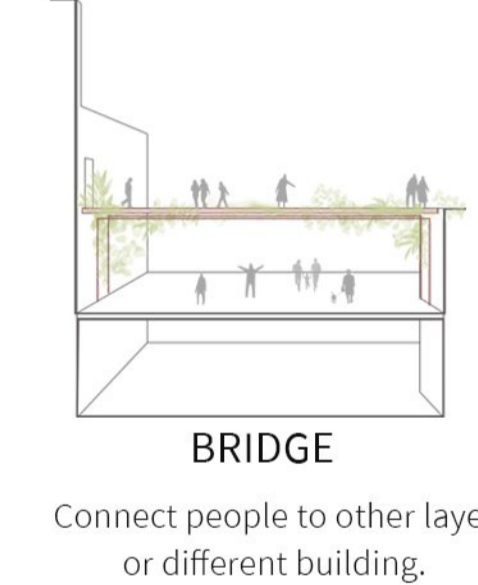
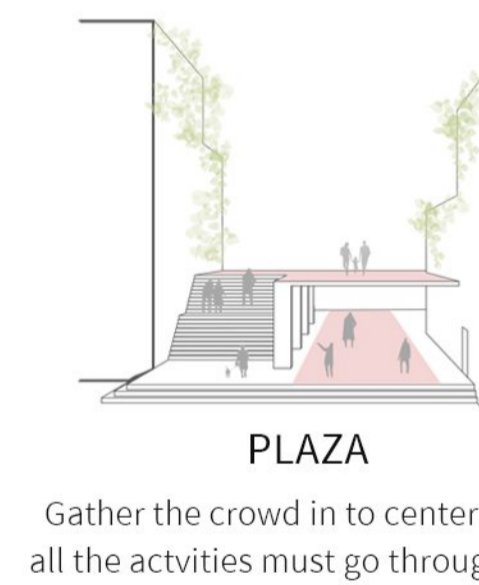
Site Analysis



Volume Concept



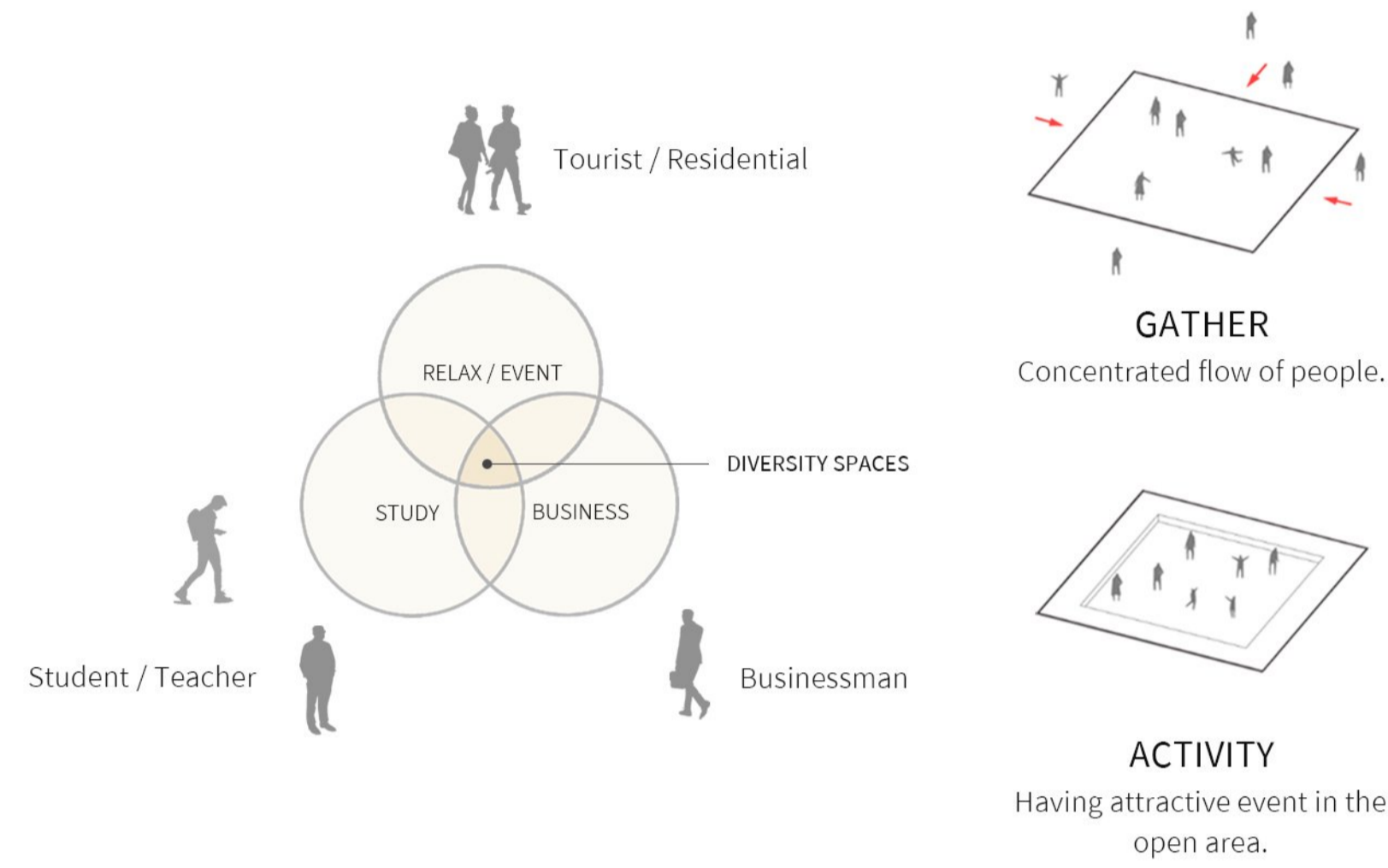
Space concept



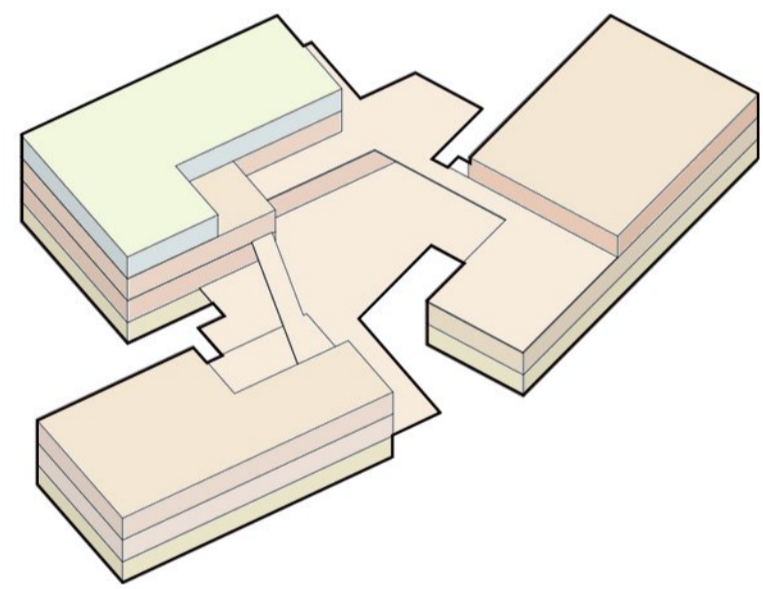
Design Strategy

In addition to the limitations of the site itself, another major challenge is the various service targets.

The site is surrounded by popular tourist attractions, and it is also covered by multiple government agencies and commercial buildings, which means that students and researchers are one of the service targets. Going back to the architectural aspect, the function of the building should be more public, and people in this community can learn here and get rid of traditional educational concepts.

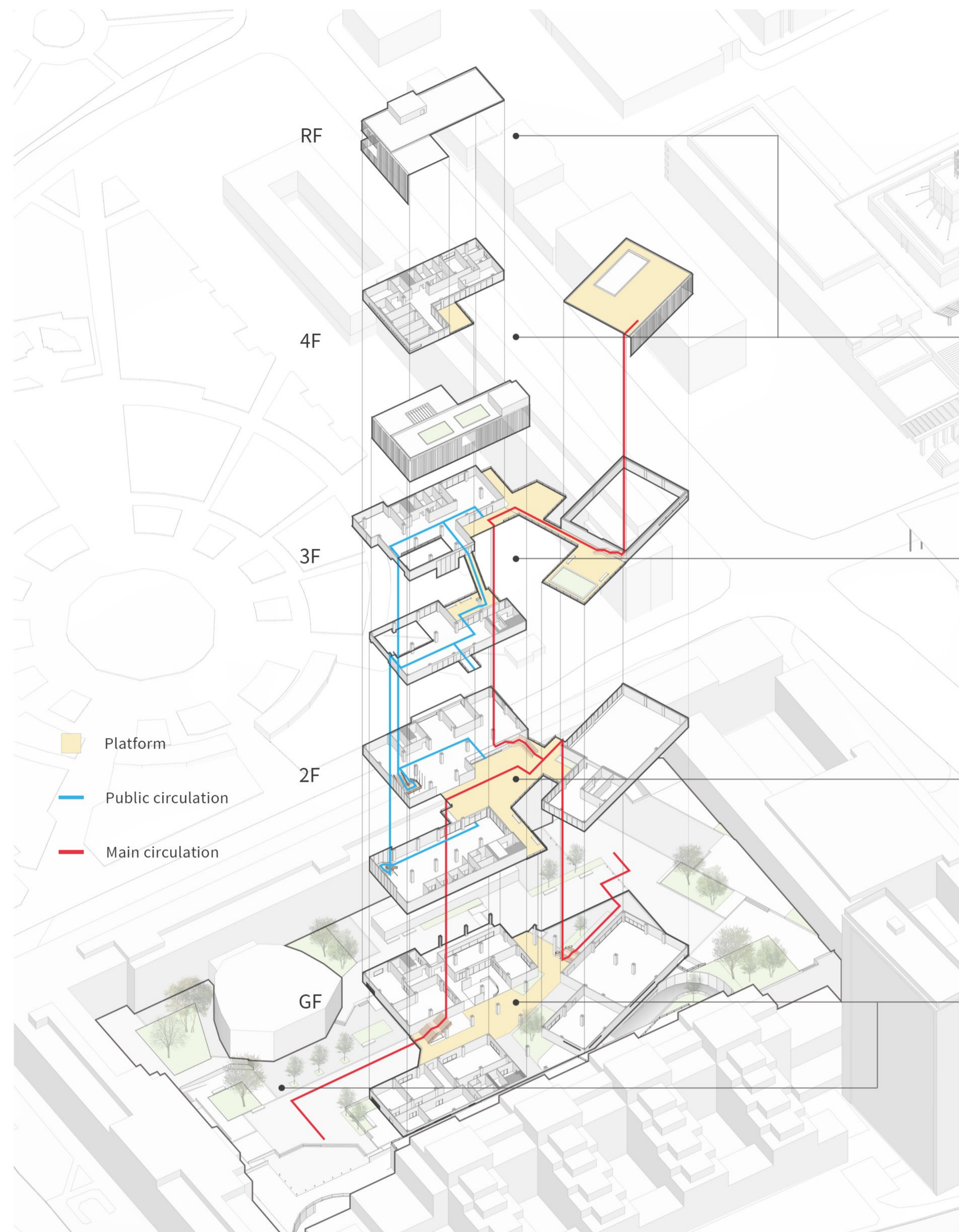
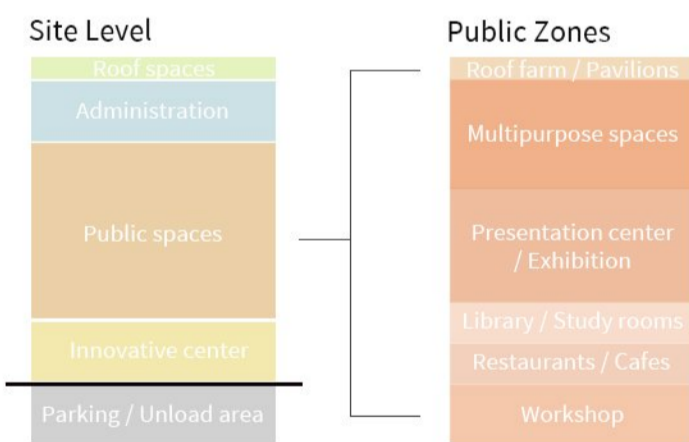


Building Function

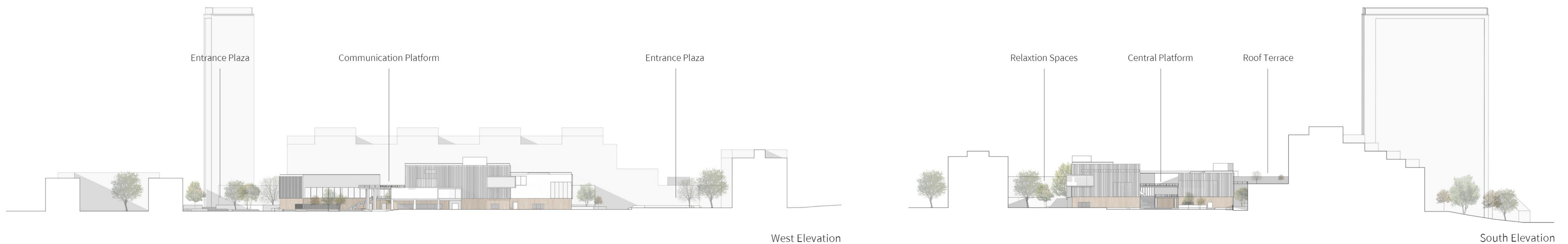
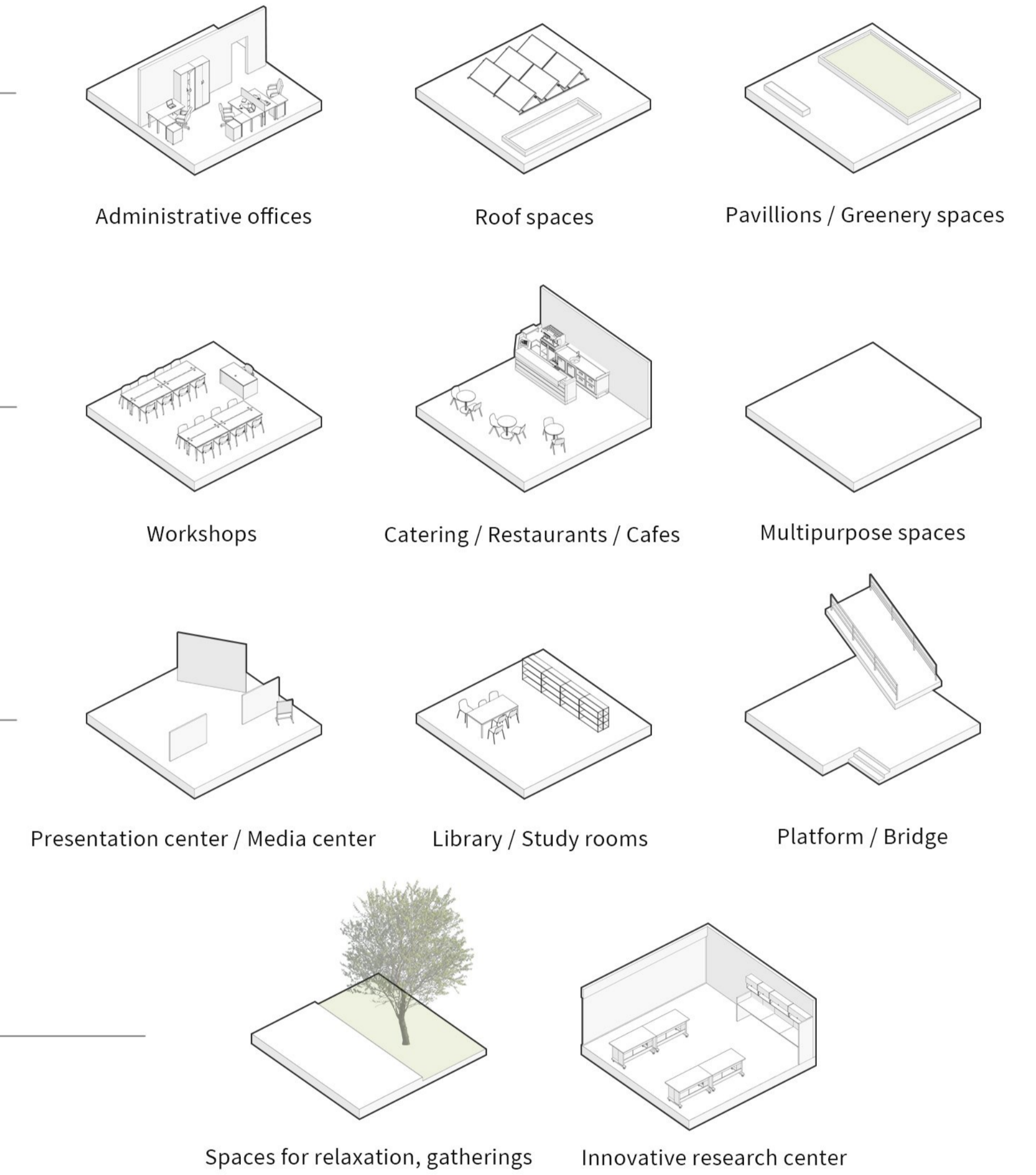


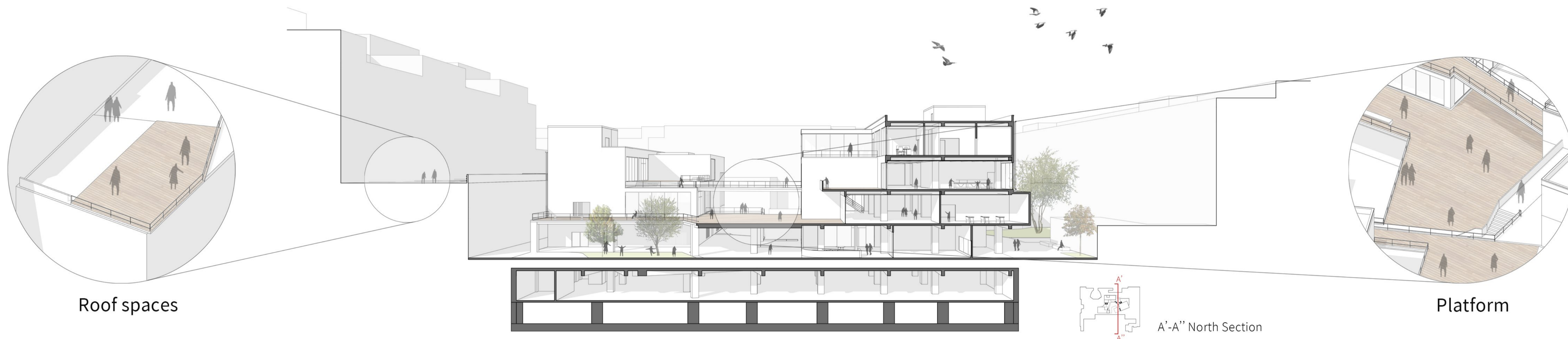
In terms of the configuration of the building's function, the circulation and service targets take into consideration.

Public spaces are placed on the second level at the starting point of the platform. There are also composite spaces with mixed functions to meet different ethnic groups on the site.



Spaces List





Roof spaces

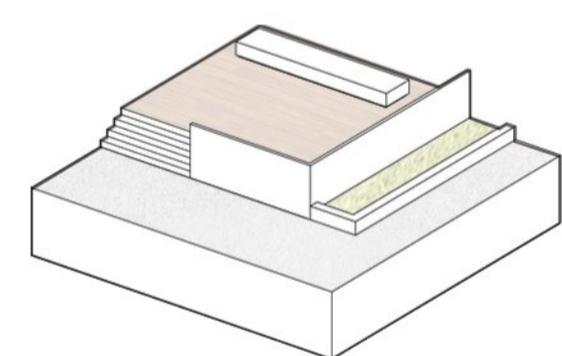
Platform

A'-A'' North Section

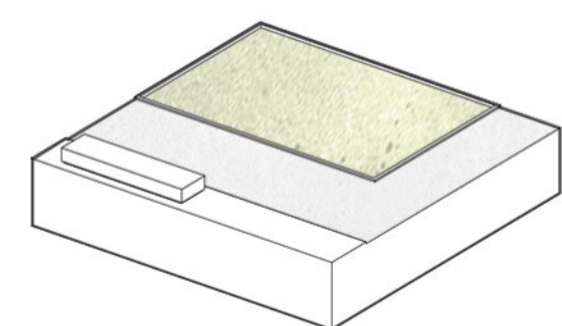
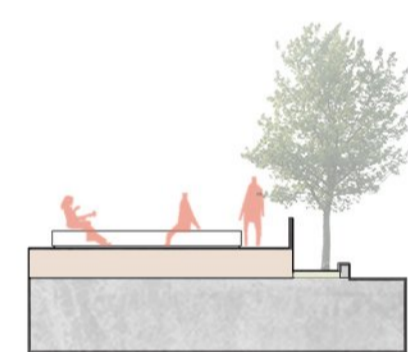
Landscape Concept

In addition to the architectural design, the landscape design on the campus is also a major focus on bringing the flow of people.

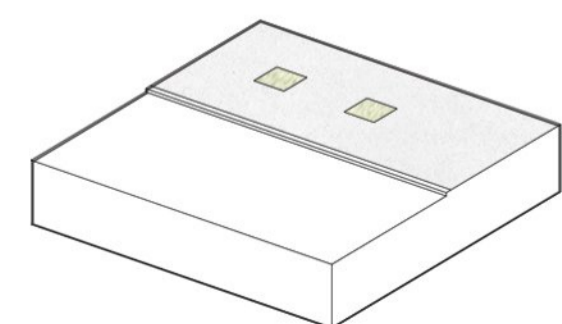
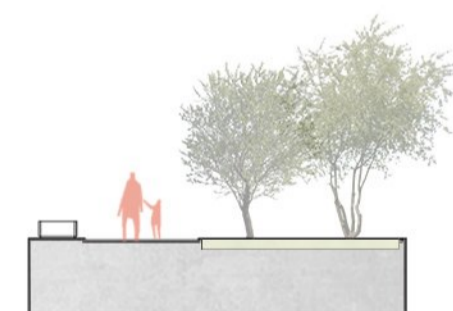
There is an open plaza at the entrances, which can easily guide the traffic flow to the platform, and in other corners and buildings. The space is also set to a scale suitable for people to rest. The main goal is to hope for everyone to have different activities and exchanges on campus.



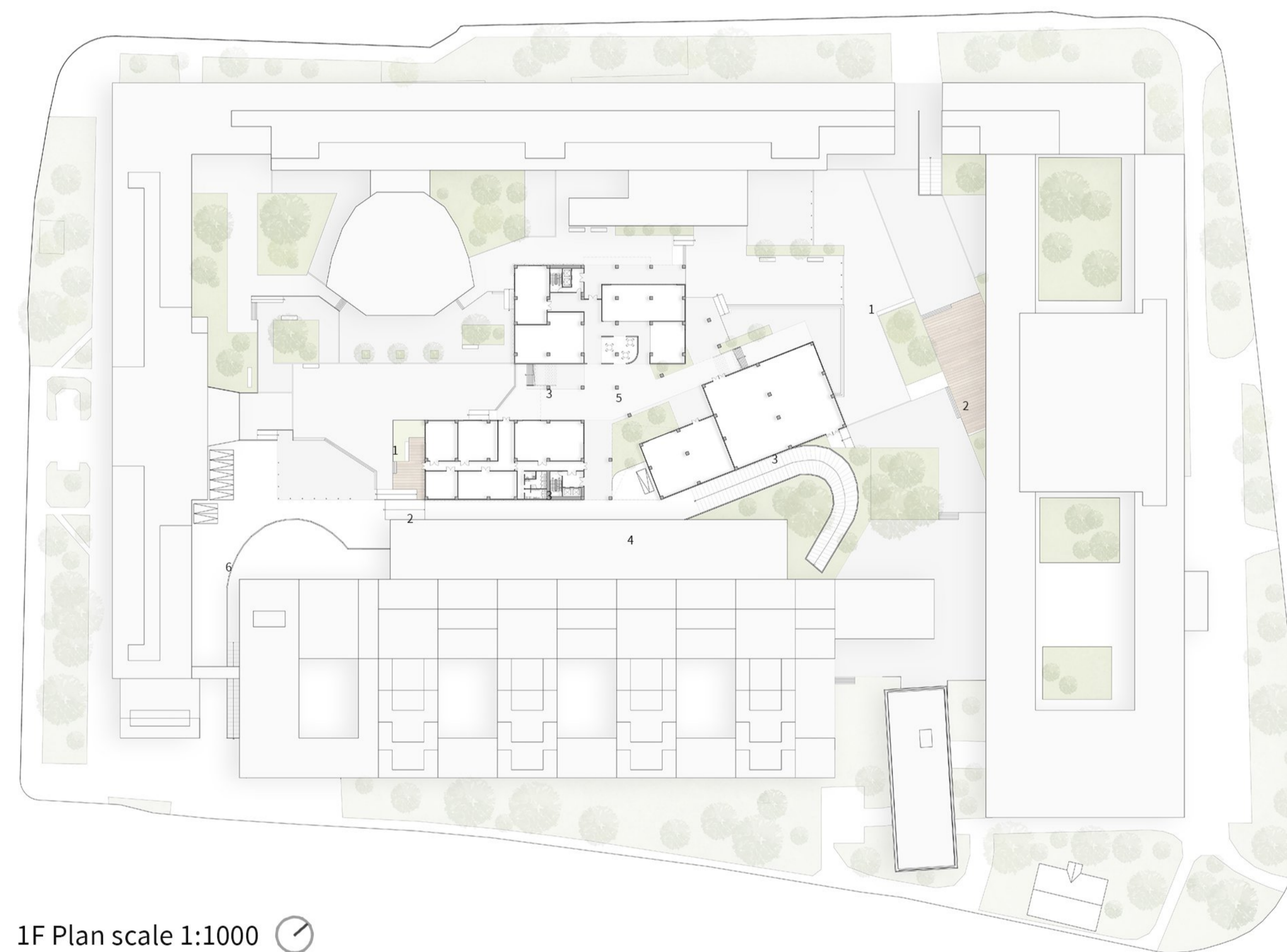
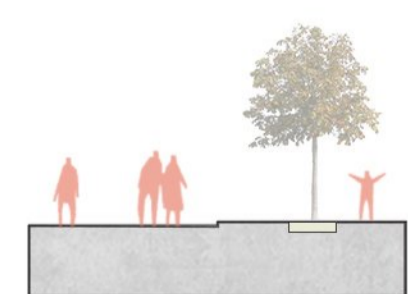
Communication plaza
Resting platform with wooden pallets.



Relaxation space
Small scale area with large green spaces.



Entrance plaza
Large open space and broad vision.



1F Plan scale 1:1000

In the distribution of building functions, it takes into account circulation, safety and sunlight.

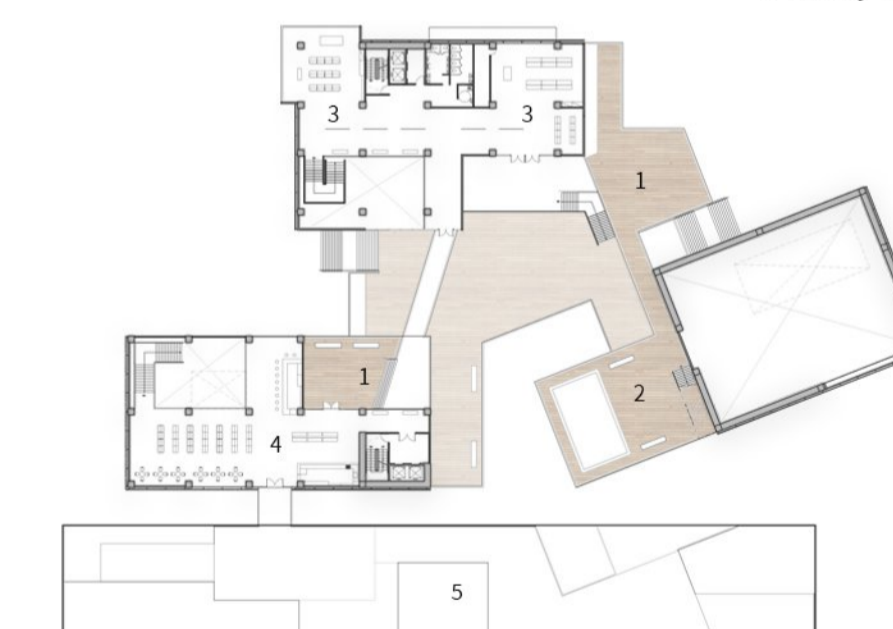
The start-up center and laboratory are set up on the first floor, which requires less sunlight and ensures a good evacuation plan. The second floor was connected to various open spaces through platforms, such as libraries, exhibition spaces, and multi-function halls. More private and sunny offices and research discussion rooms were set up on the top floor of the building.

1. Entrance plaza
2. Communication plaza
3. Innovative research center
4. Unloading zone
5. Meeting spaces
6. Parking spaces



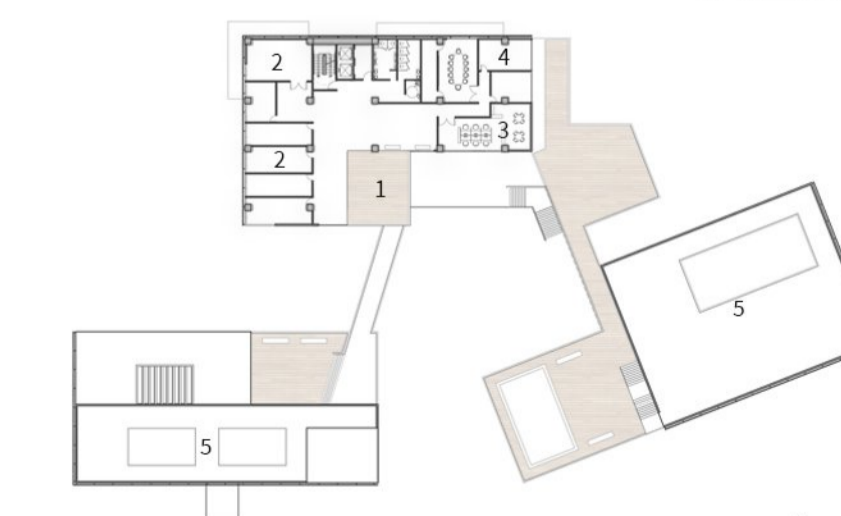
2F Plan scale 1:1000

- | | |
|------------------------|------------------------|
| 1. Platform | 5. Media center |
| 2. Presentation center | 6. Entrance area |
| 3. Library | 7. Info services |
| 4. Study rooms | 8. Multipurpose spaces |



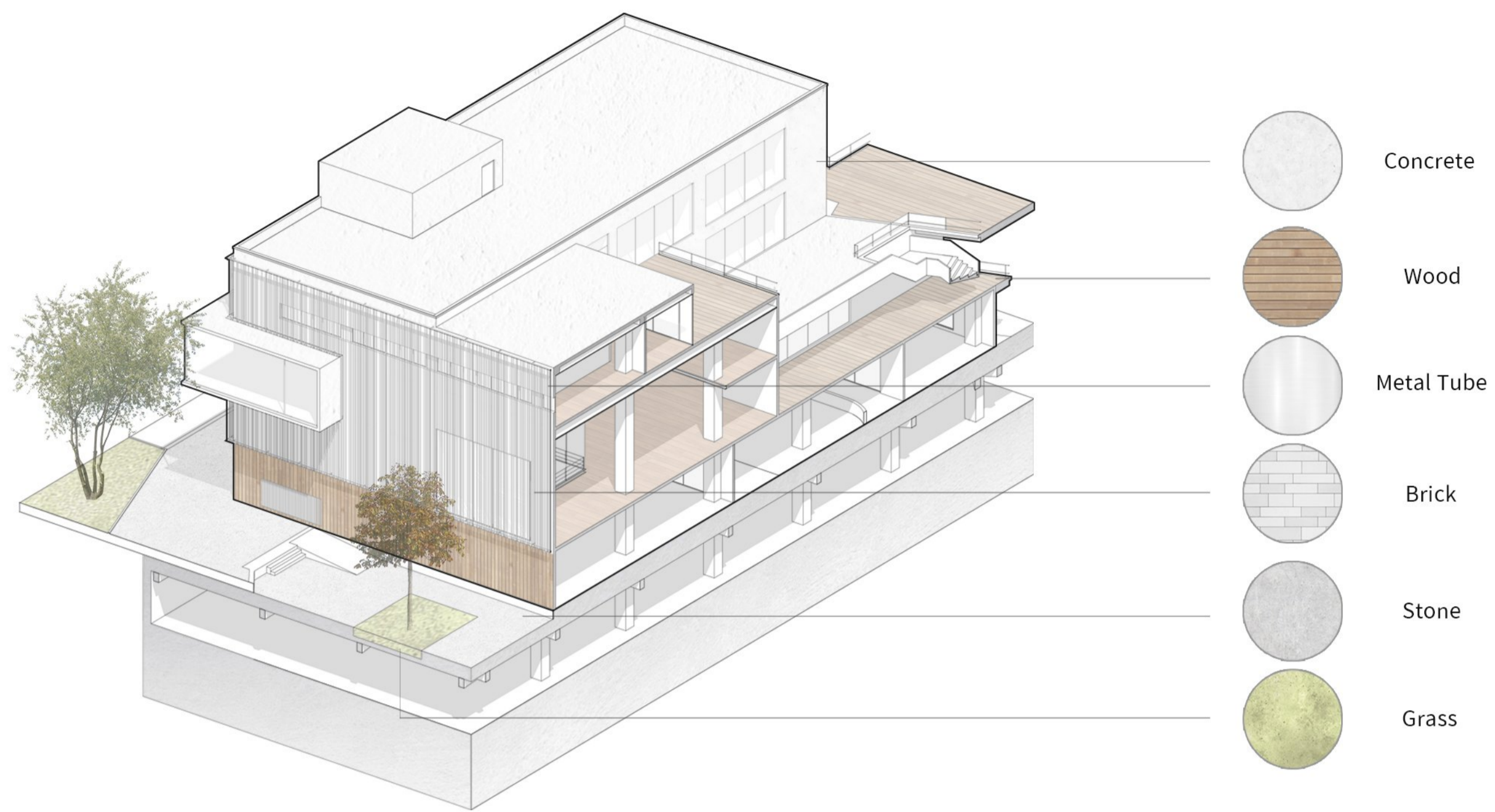
3F Plan scale 1:1000

- | | |
|---------------|-----------------------------------|
| 1. Platform | 4. Catering / Restaurants / Cafes |
| 2. Pavillions | 5. Platform for relaxation |
| 3. Workshops | |



4F Plan / Roof 1:1000

- | | |
|-------------|------------------|
| 1. Platform | 4. Meeting rooms |
| 2. Offices | 5. Roof farm |
| 3. Offices | |



Structure Information

Considering the strength of the building and the actual construction possibilities, the overall structure of the building uses steel structure as the main body, and the underground structure uses RC to increase the structural strength.

The outer wall is an external metal pipe, which achieves the effect of half-shielding the facade, and uses the looming visual effect to attract people to enter the building to find out.



Material / Facade Concept

The selection of architectural materials takes into account existing surrounding buildings, so the brick is used as the main material for the external wall of the building.

The internal building facade emphasizes the "human activity in the space", so whitewashed cement wall is selected. The white texture can highlight people's activities on the platform, while using white exterior walls can also reduce the interior temperature of the building.

Wood is also used to match the brick walls and cement, and it is also used to define the different area.

