



02 Breaking The Barrier

Revival of Fuxing Island, Shanghai

Type: Individual Work

Date: 2020.7-2020.8

Location: Shanghai, China

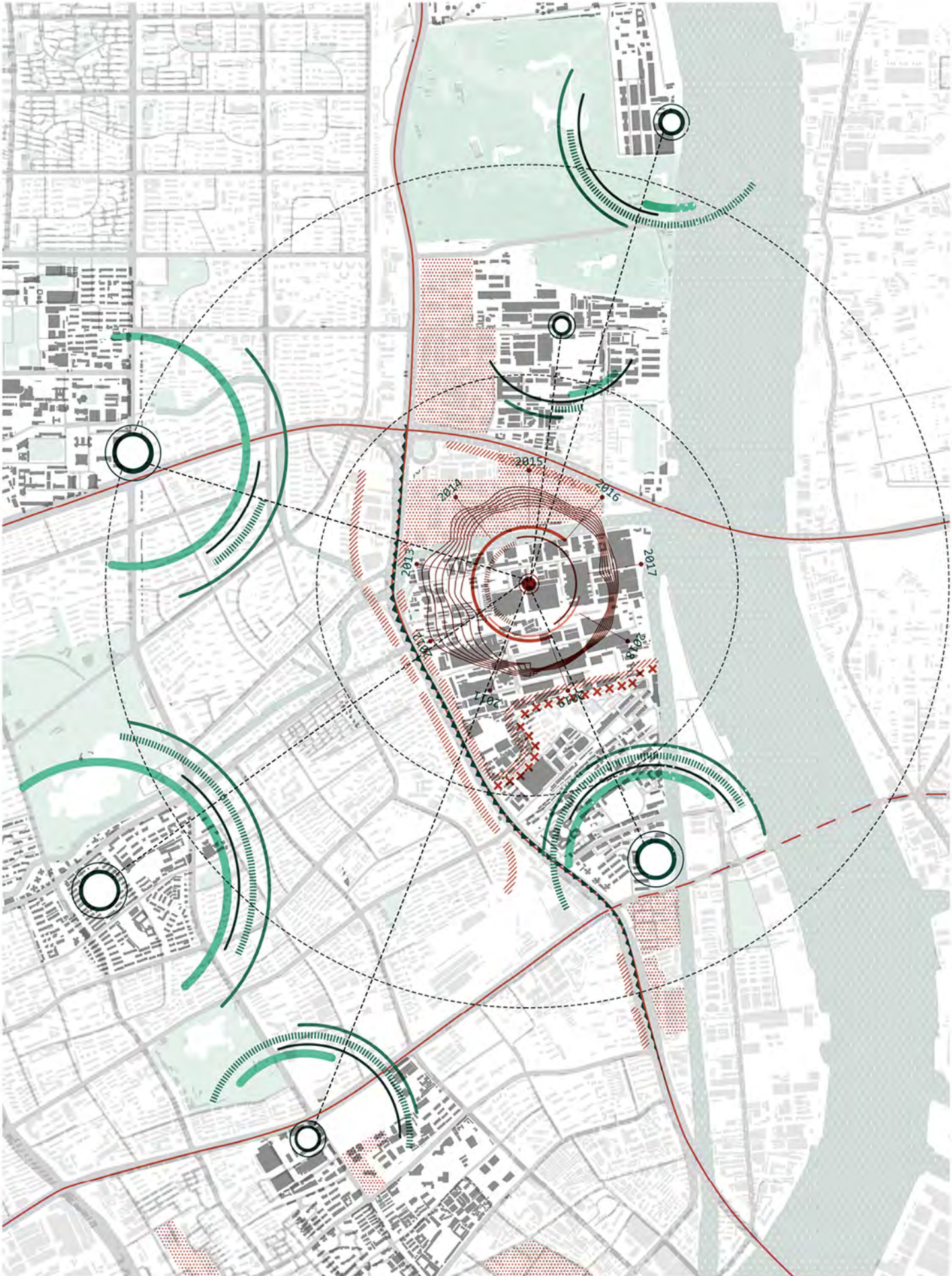
Tutor:

Course:

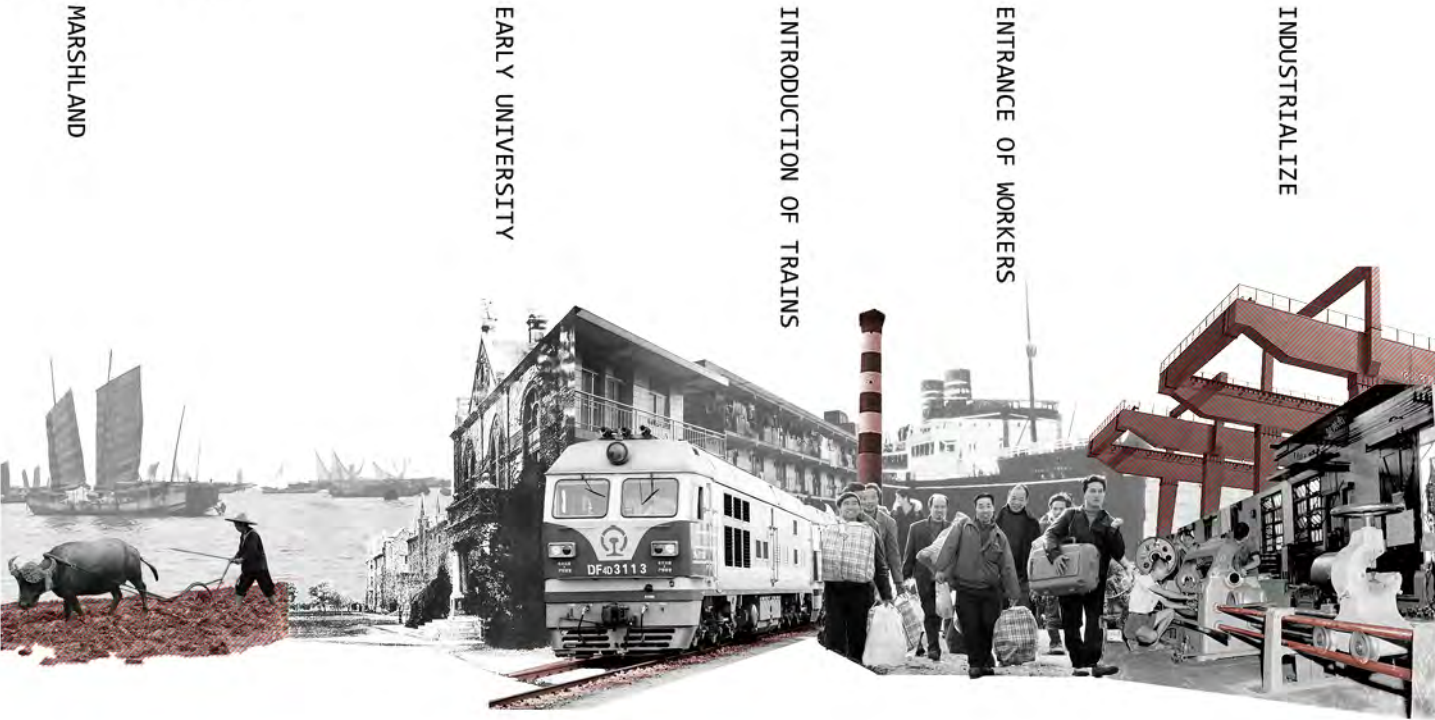
Project overview: Although surrounded by many well educated talents, the industries on Fuxing Island have been declining. The glorious industrial history of this island also seems to fade away. In this project, the barriers are to be broken between companies and talents, between industries and the city, between rivers and the land.

A PLACE OF ISOLATION

Due to regional isolation, although there are many high-quality scientific and technological innovation resources around, the industry in the base is shrinking year by year. At the same time, people living near the base are also isolated from the water because of the isolation of the base



SITE PROBLEM



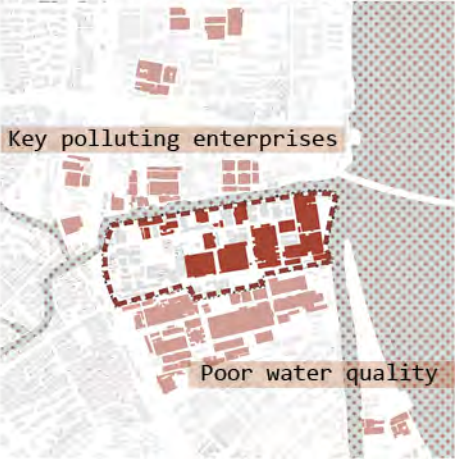
CHALLENGES & OPPURTUNITIES

Under the background of industry city integration, science and technology innovation cluster area has become an important measure to enhance the core competitiveness of big cities. It is the key to promote the healthy and sustainable development of science and technology cluster area to stimulate the vitality of the district scientifically and persistently.

Isolated from Water



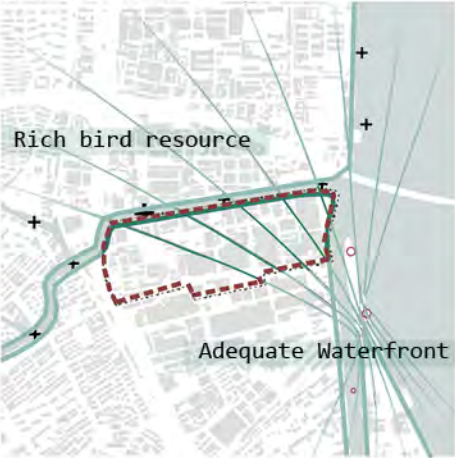
Industrial Pollution



Lack of Public Space



Corridor of Bird



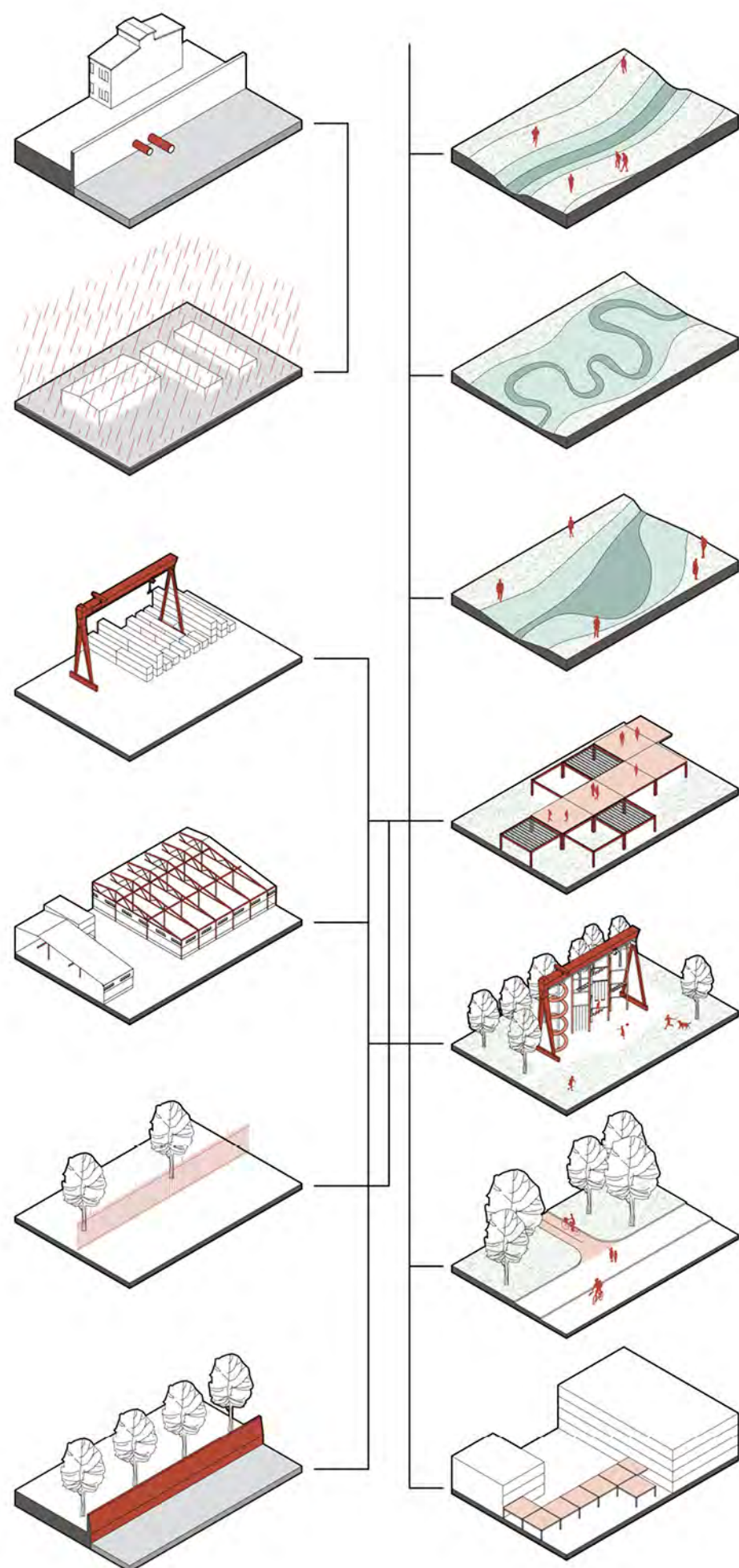
Historical heritage



Desire for Public Space

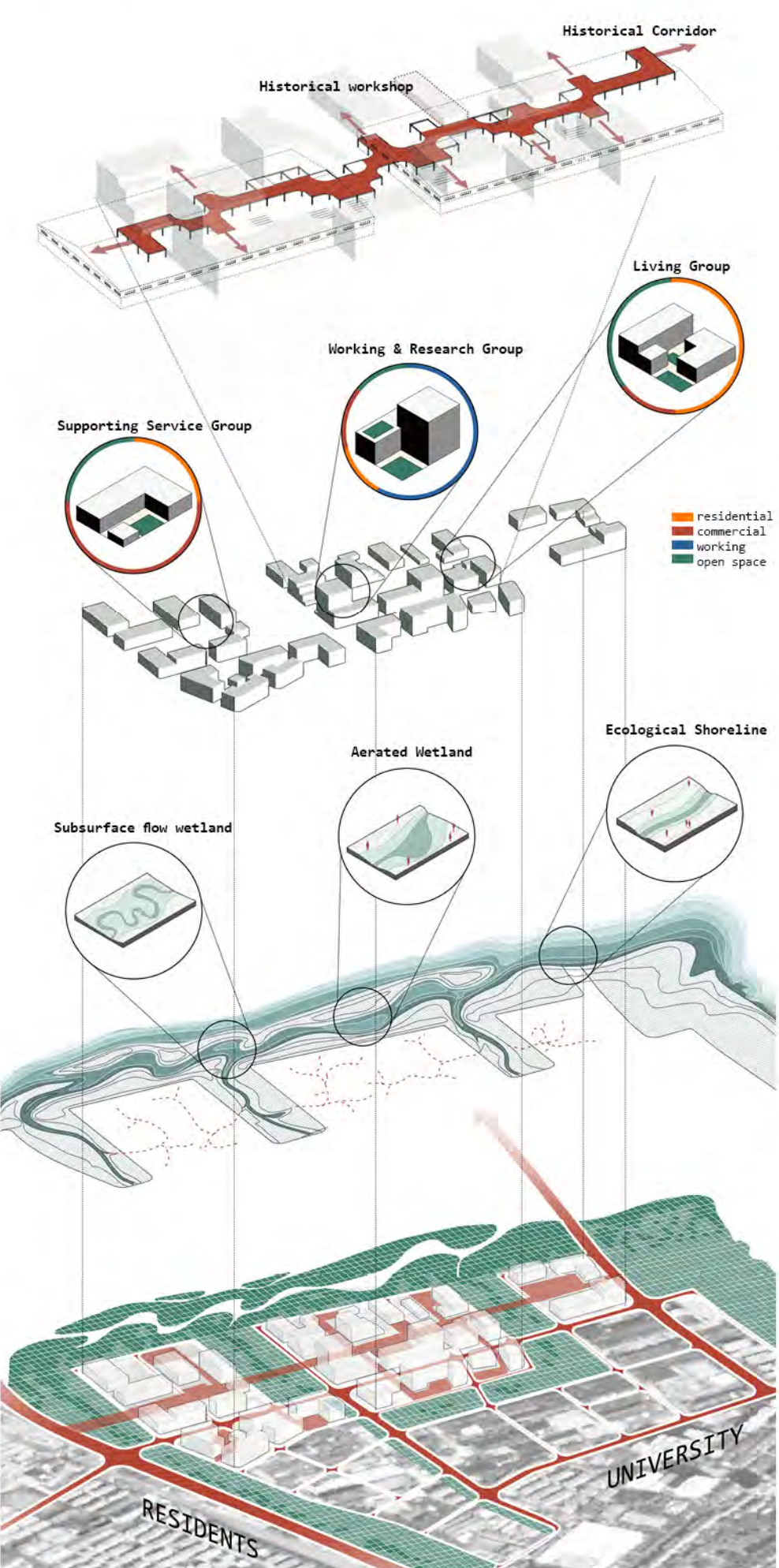


DIGGING



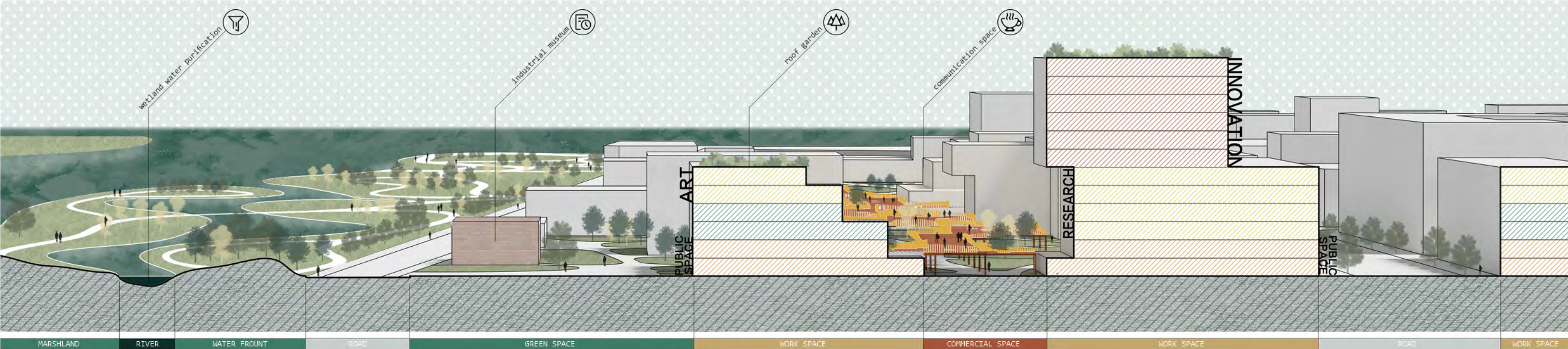
- 1.Direct rainwater
Dig drains to improve infiltration and evaporation.
- 2.Curve the Straight
Extending the length of river to purify the water.
- 3.Purify the Water
Lakes and mashed are designed to revive ecological functions and biodiversity.
- 4.Preserve the History
Preserve the industrial structure and connecting the park.
- 5.Have Fun
Rebuild the crane and other history elements.
- 6.Enhance connectivity
Connect the city and break the barrier.
- 7.Trigger Vigor
Add a corridor to connect different parts of the park.

LANDSCAPE INTERVENTION



- Connectivity**
Bridge reuses the structure of the factories and connects the city and the park
- Functional recombination**
Three archtypes are used to construct the park
- Water-green ecosystem**
Green spaces and the park are merged, collecting rain and defending floods.
- Connection to the city**
Construction of open space network based on daily activities and walking.

Site Plan



Axonometric



The corridor and the historical structure



Industrial Museum



Ecological Wetland