PORTFOLIO

by Xinyi Zhang



"As of 2001, companies in the United States were spending more than 700 billion annually to clean up thousands of toxic sites."

NYC Department of Environmental Protection Public Affairs March 20, 2013.

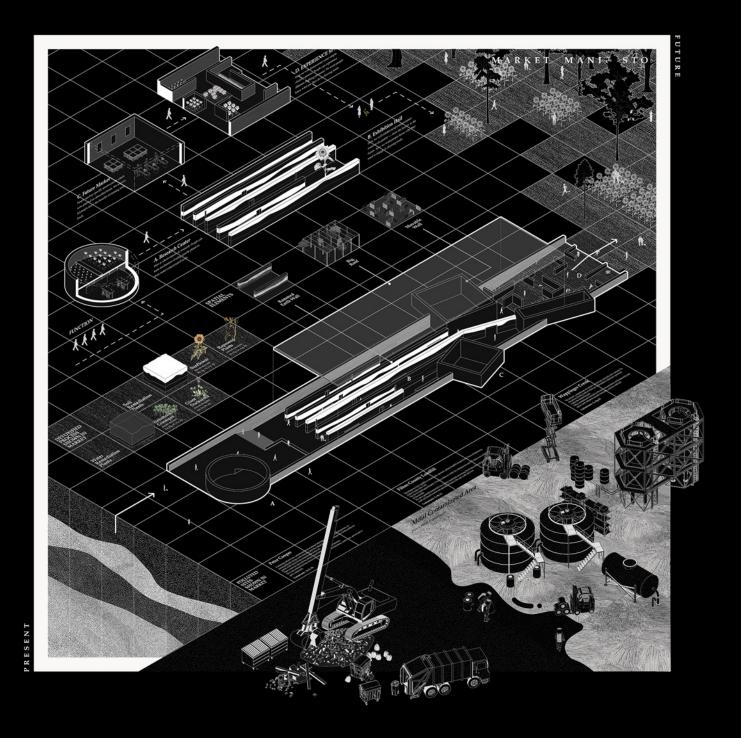
by Christopher Gilbride



However, when facing this in-perfect world. Many people choose a negative attitude. They try to escape and create a new ideal utopia society. But most of them failed at last.

Therefore, in our market, we want to practice a new attitude. Instead of escaping, we want to face the problem positively.

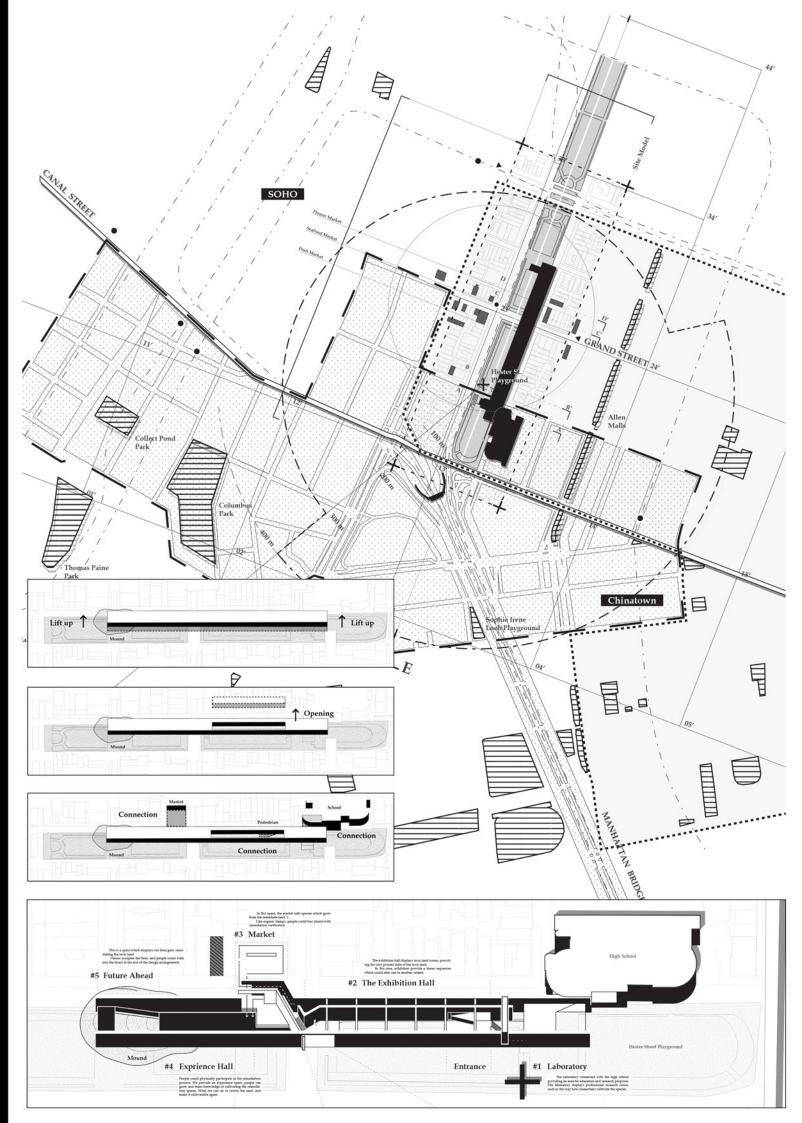
In our design, we choose the land pollution issue and try to change the situation that it's ignored by the public. Our market will be a medium to raise awareness and engage the public with the issues surrounding re-mediating toxic land.



Manifesto

Here we will demonstrate land pollution issues through the process of shearing knowledge about the polluted land and certain plants' seeds to the public. And regard the raising in public's awareness of land issues as a reward. We wish our market can becomes a medium which connect present and future.

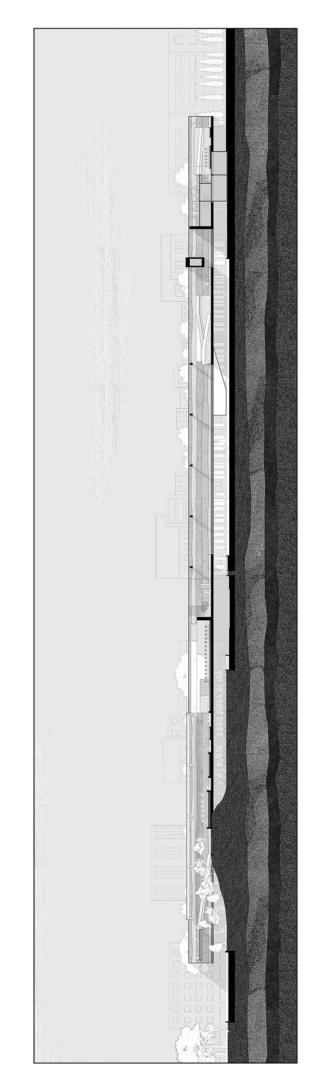
Within this mechanism, the market itself becomes a manifesto that claims that while toxic land is typically forgotten and underused, instead we are bringing new value to toxic land.



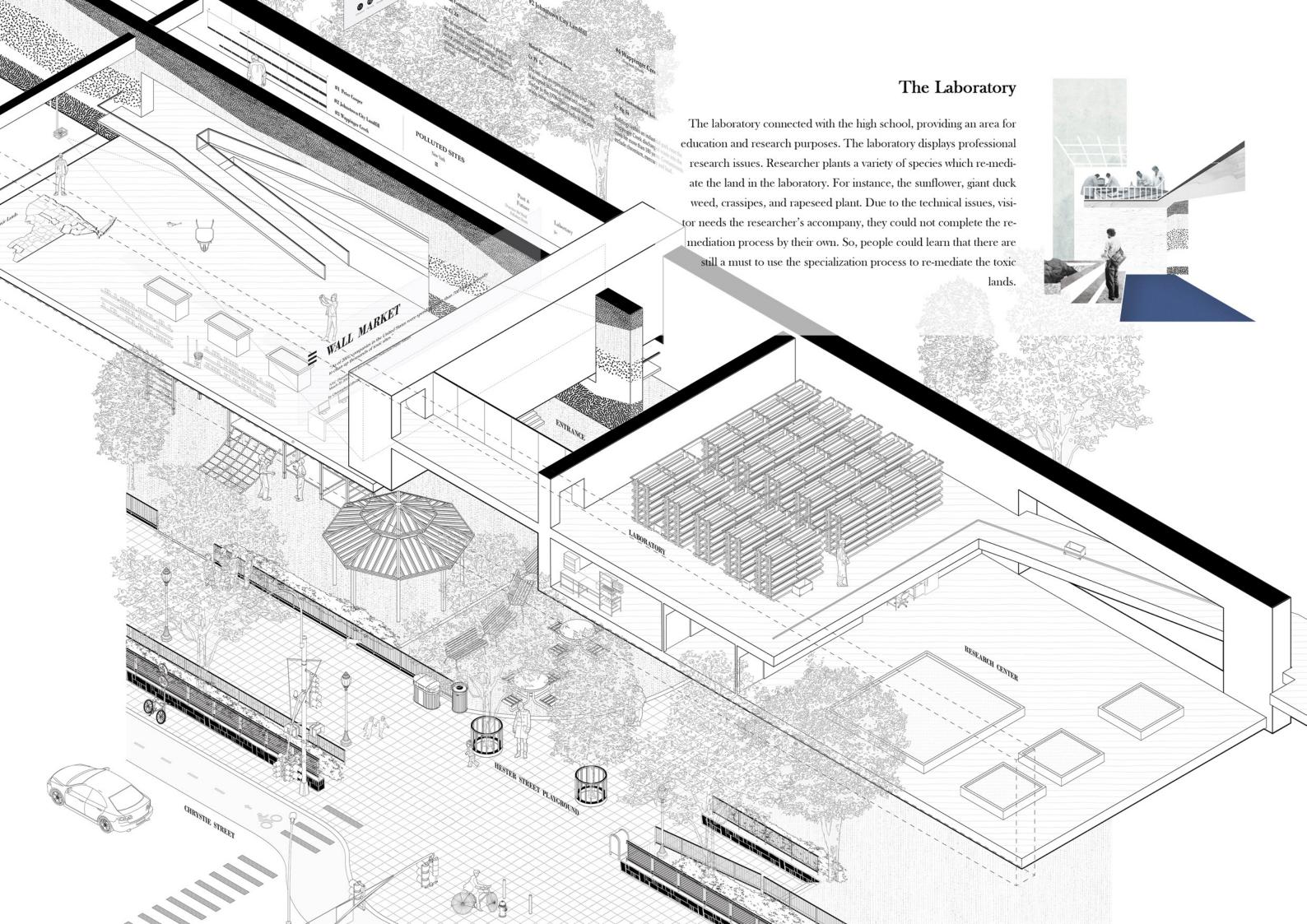


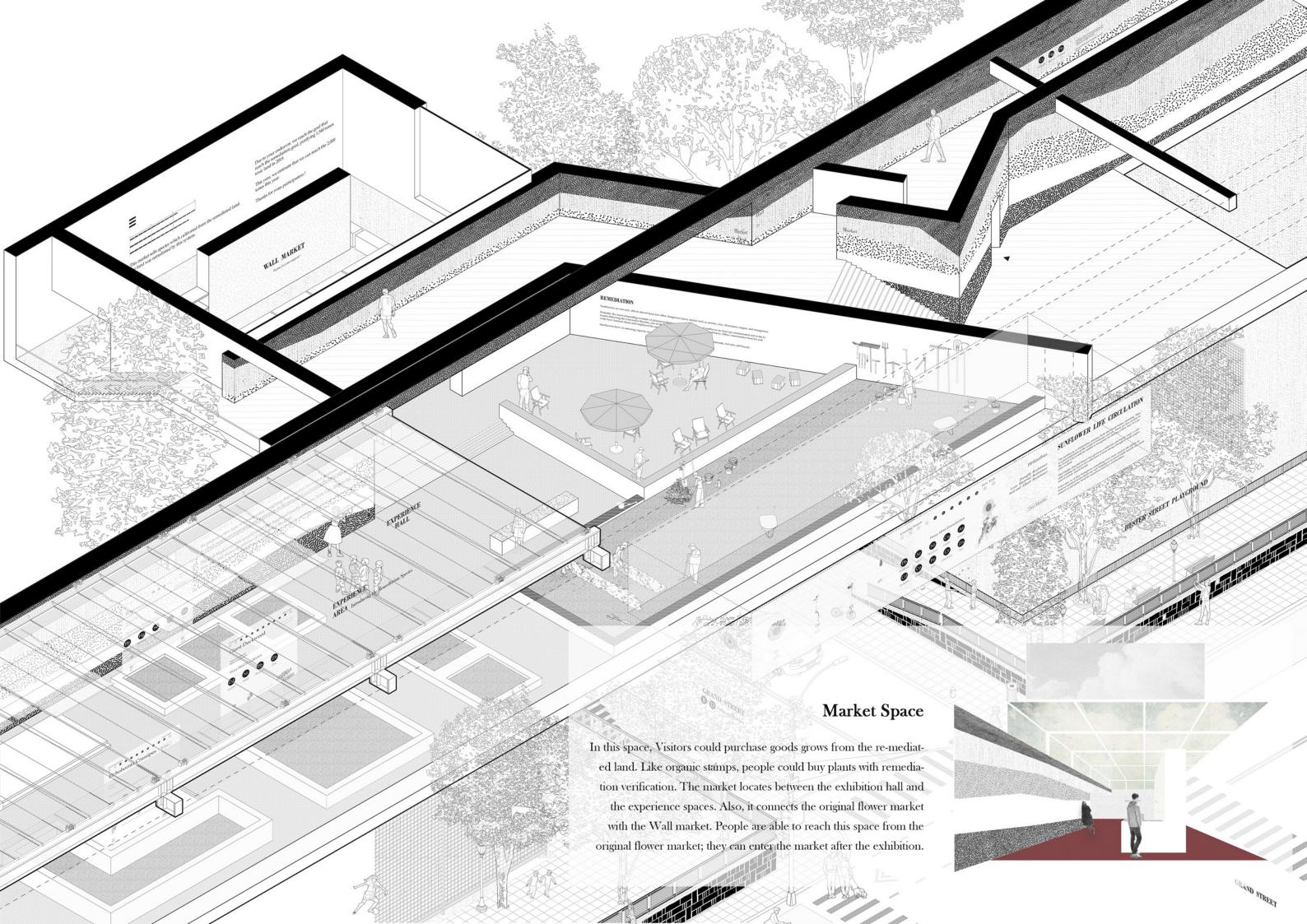


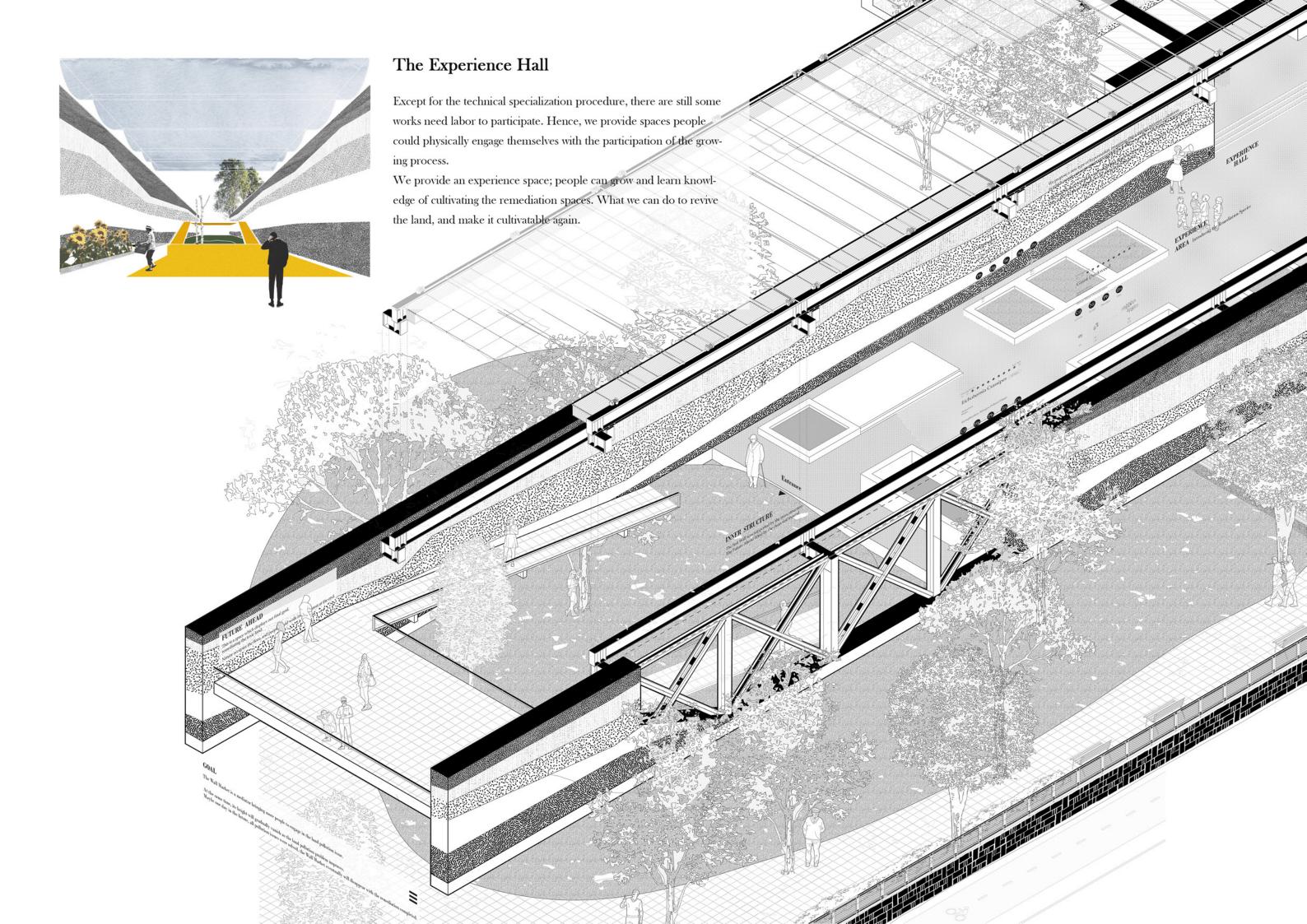


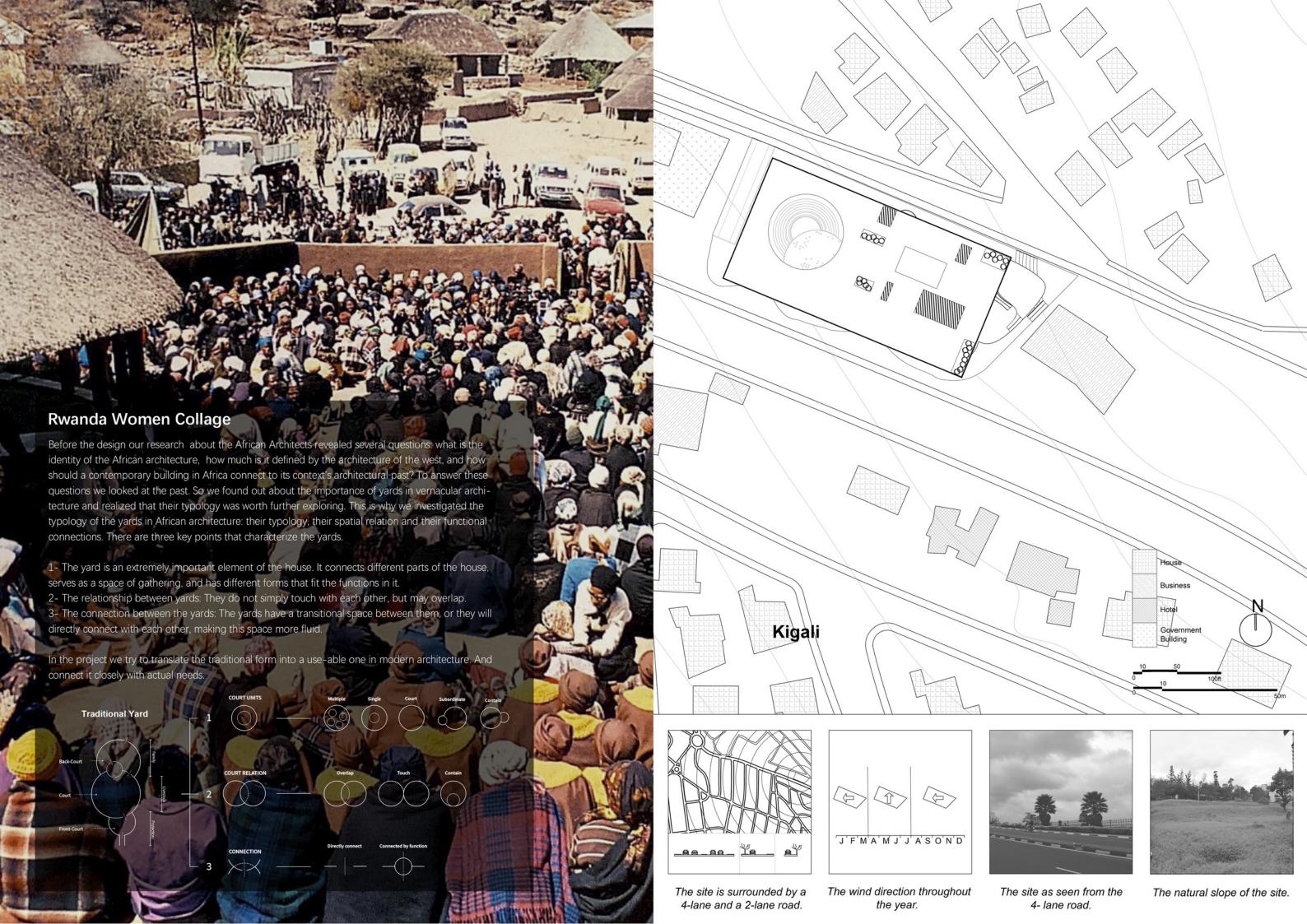


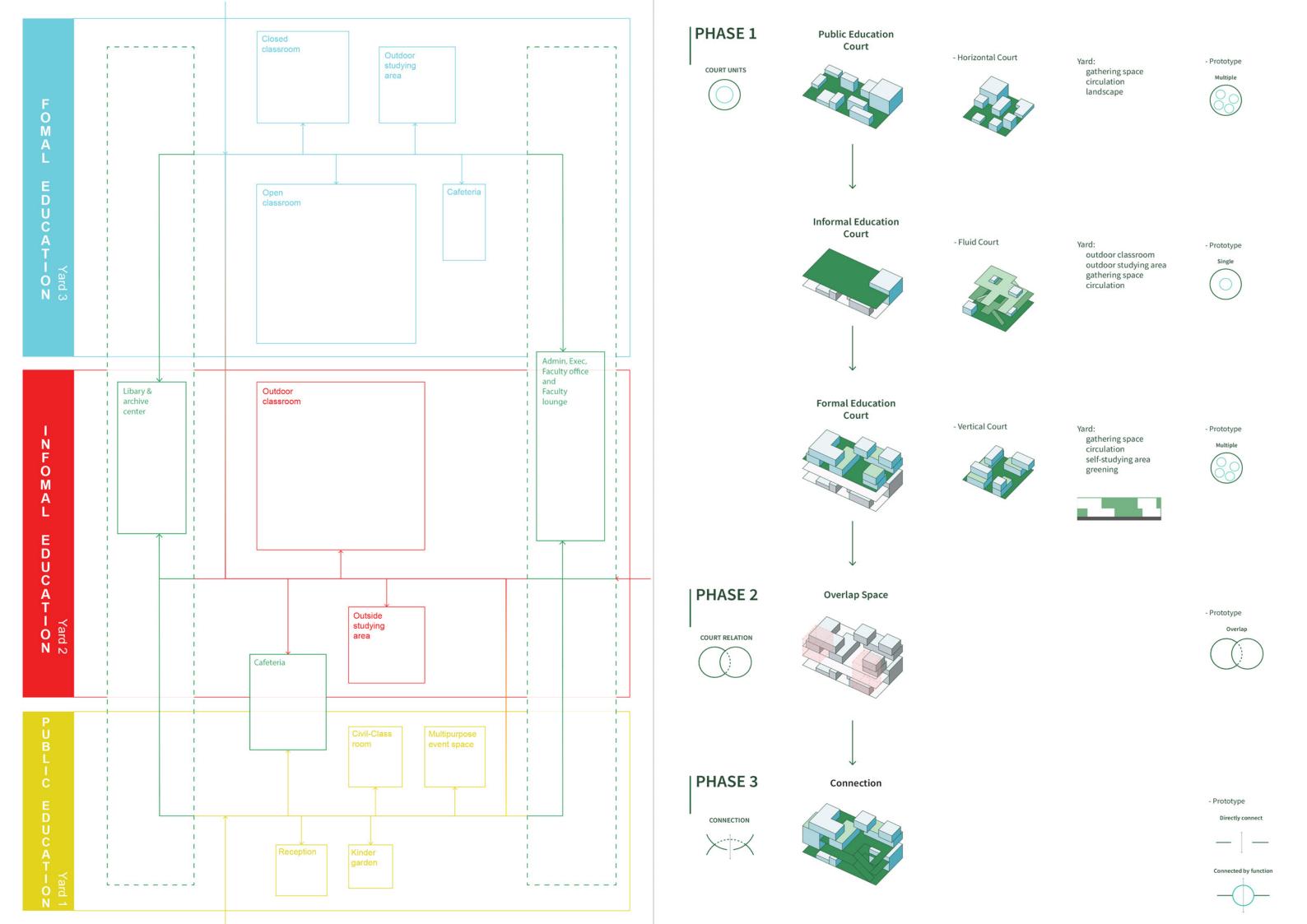
Section





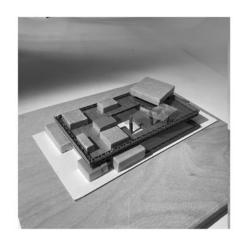


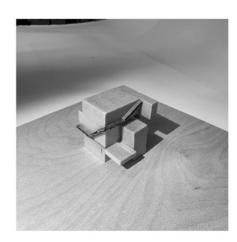


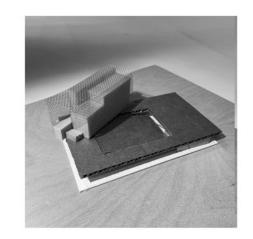


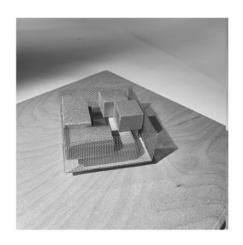
Yard Form Experiment



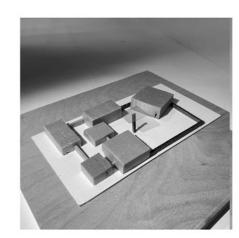




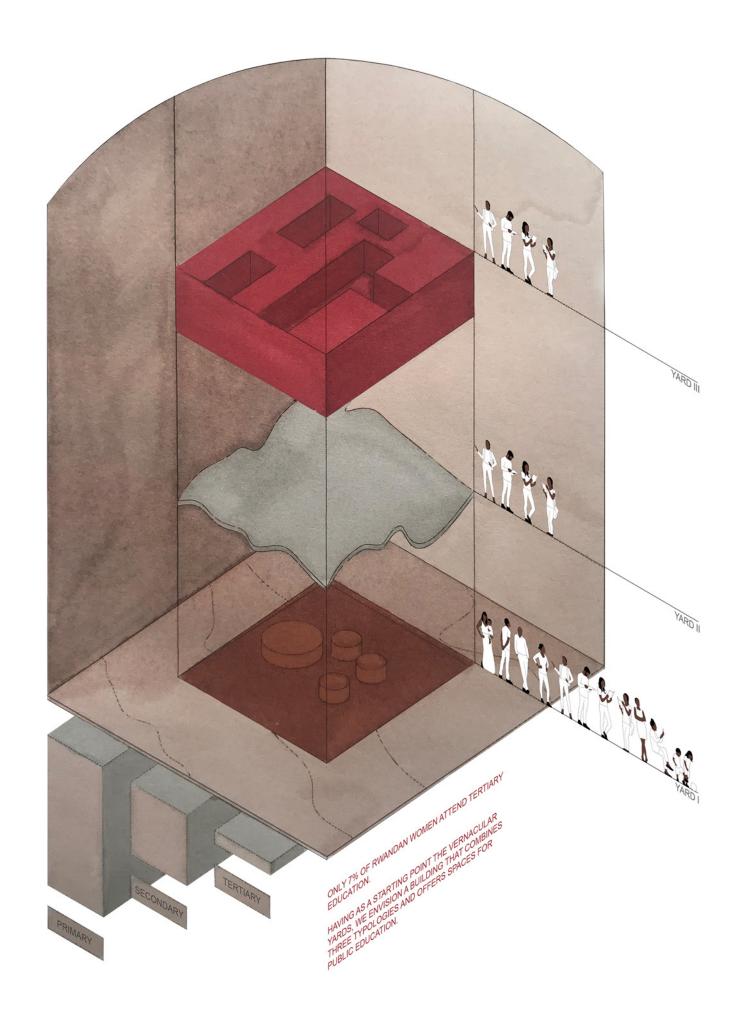


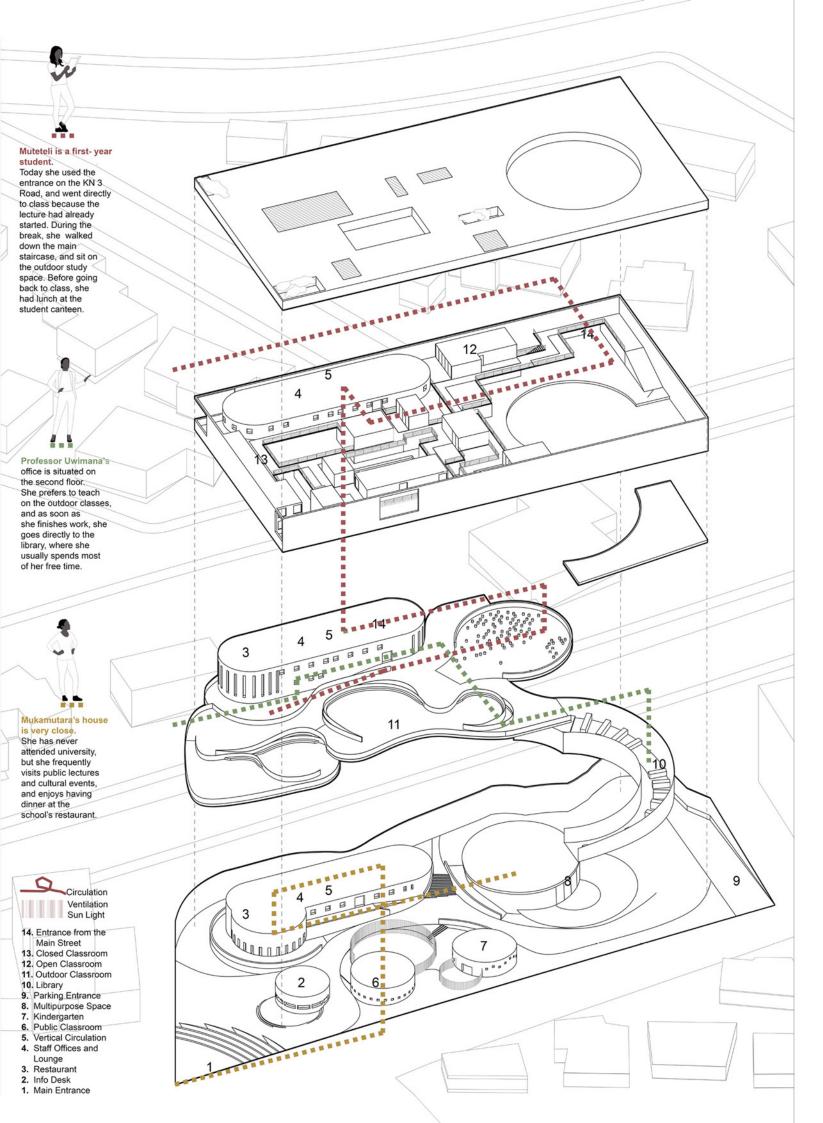














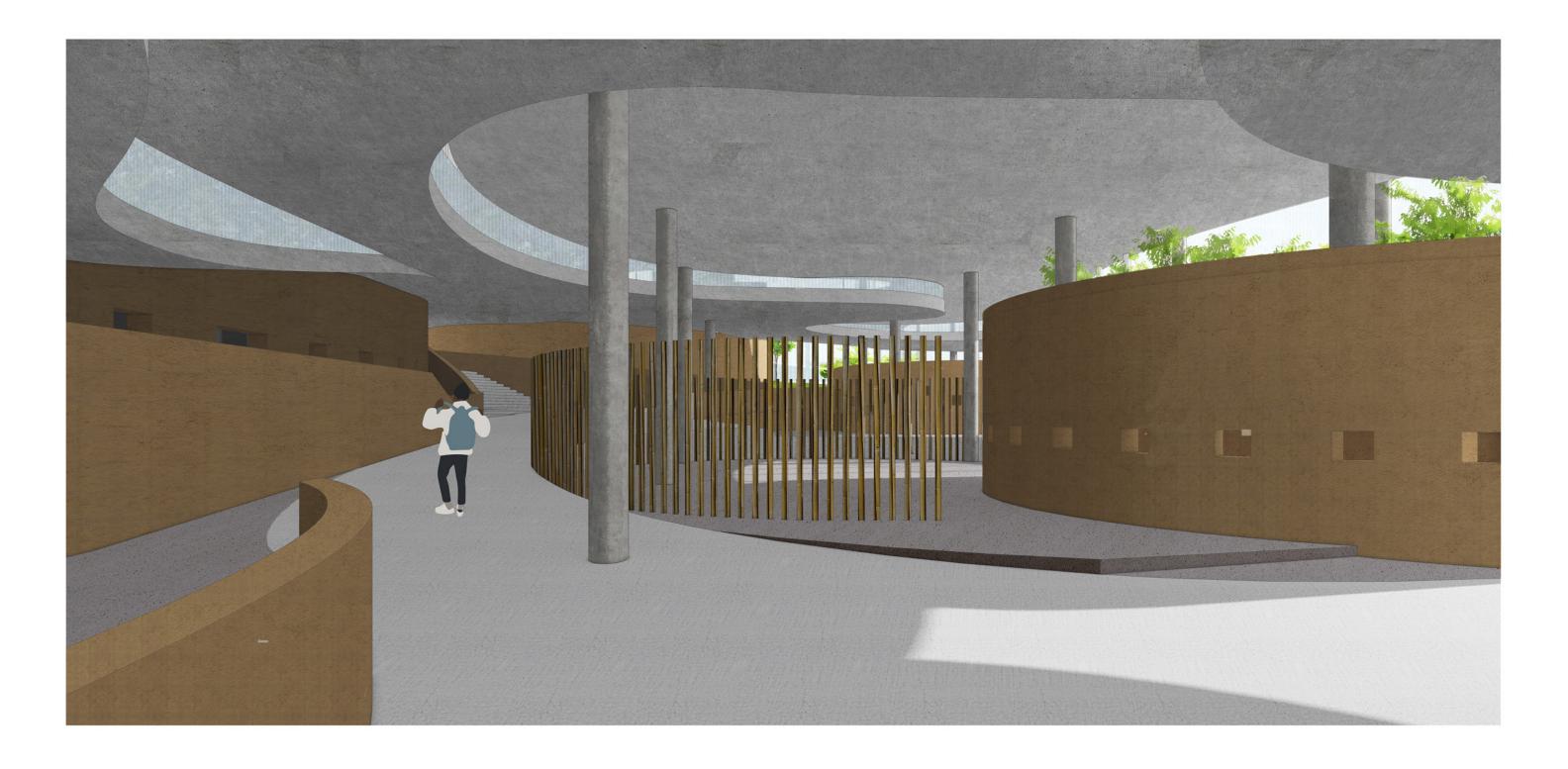






RWANDA WOMEN COLLAGE

building that consists of three distinct layers, that are placed on top of each other. These layers have different purposes, different materiality, and reveal different ambiances. The first is dedicated to the public and the volumes are made of earth. The second facilitates the open classrooms and seems like a concrete landscape which has no walls, allowing for an uninterrupted view and relation not only inside it, but also with the surroundings. The third is a monolithic, continuous, orthogonal brick volume, the interior of which operates as a "city inside a building".



PUBLIC EDUCATION

At the first floor we place the functions that are dedicated to the public. These are a kindergarten, a public class-room, and a multipurpose space, that can partly open and facilitate more people on its exterior. We can see how the volumes of the first level are placed. At some points the ground are planted, while others are concrete path. The volumes can be seen in different perspectives. On the right is the public classroom, that has many small openings and a private yard that is defined by bamboos.







Multipurpose Space



INFORMAL EDUCATION CLASSROOM

On top of public education part, we created a slab for open classrooms that contains different shapes and heights of concrete, becoming in other words, a concrete landscape which has no walls, allowing for an uninterrupted view and relation not only inside it, but also with the surroundings. At this level we also choose to put glass handrails in order to keep a continuous and uninterrupted view. Some gaps on the slabs define the limits of each part. For us the existence of the gaps do not only allow for the air circulation and the entrance of natural light, but also they connect visually the different levels.

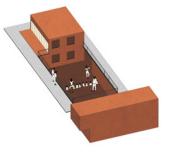


Concrete Slab



FORMAL EDUCATION CLASSROOM

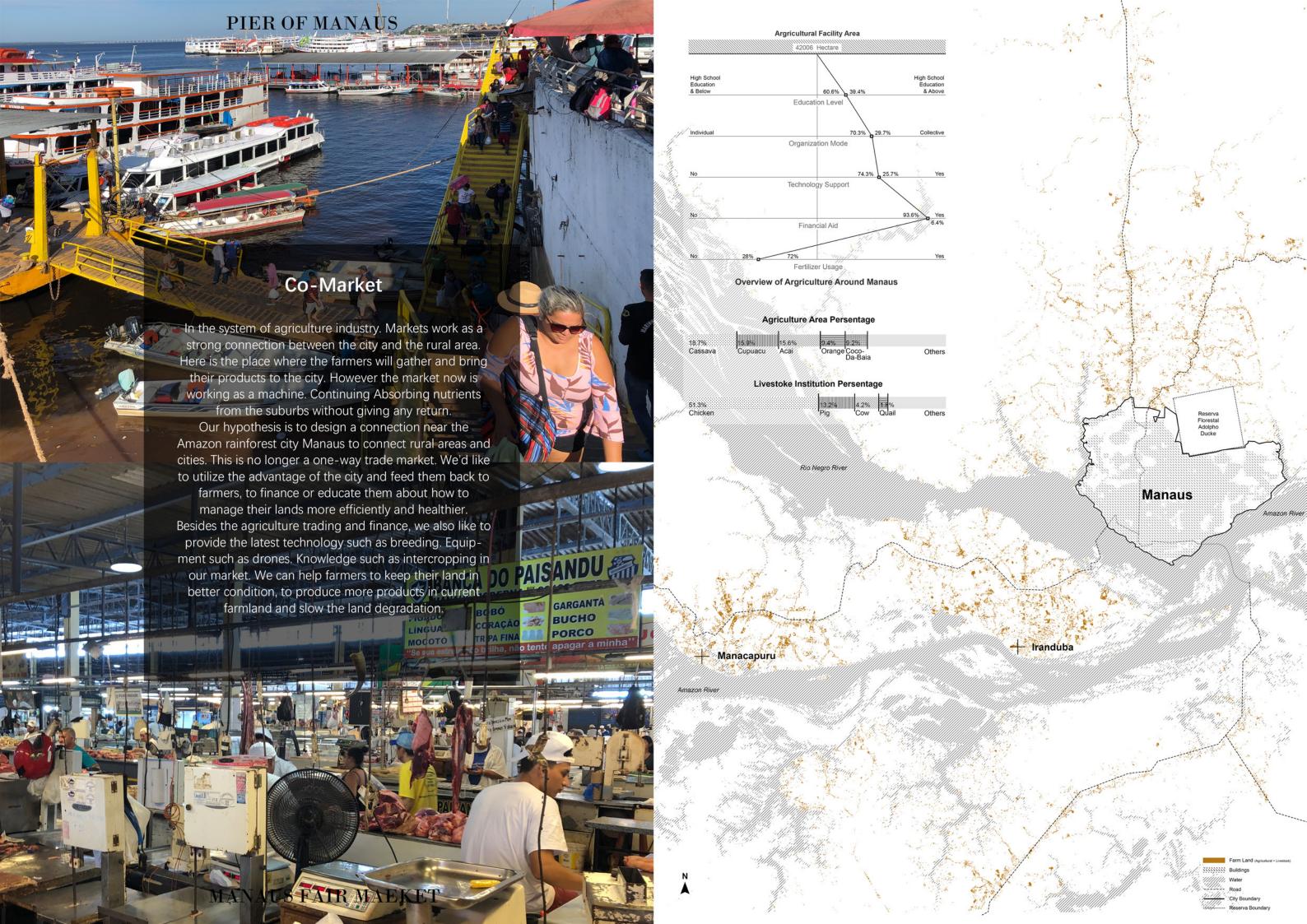
The third floor is a monolithic, continuous, orthogonal brick volume, the interior of which operates as a "city inside a building". That consists of two levels and some double heights spaces. With its double height creates interesting visual connections and allows for various gatherings and events. Some classrooms are expandable, meaning that a door is created out of wood panels, that can open entirely and allow for more people to attend lectures. At some points we have openings in the facade, so that we are visually connected with the context.







Classroom Unit



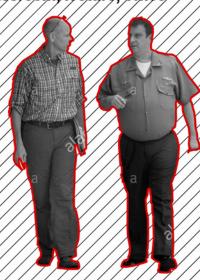






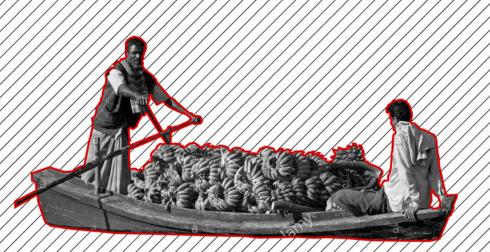
All kinds of boats are gathered by the river, and a beautiful and orderly port needs to be redesigned.

Classroom, lecture, office



Provide farmers a place to learn the latest technology and knowledge also provide them tinancial loan.

Free Water Market

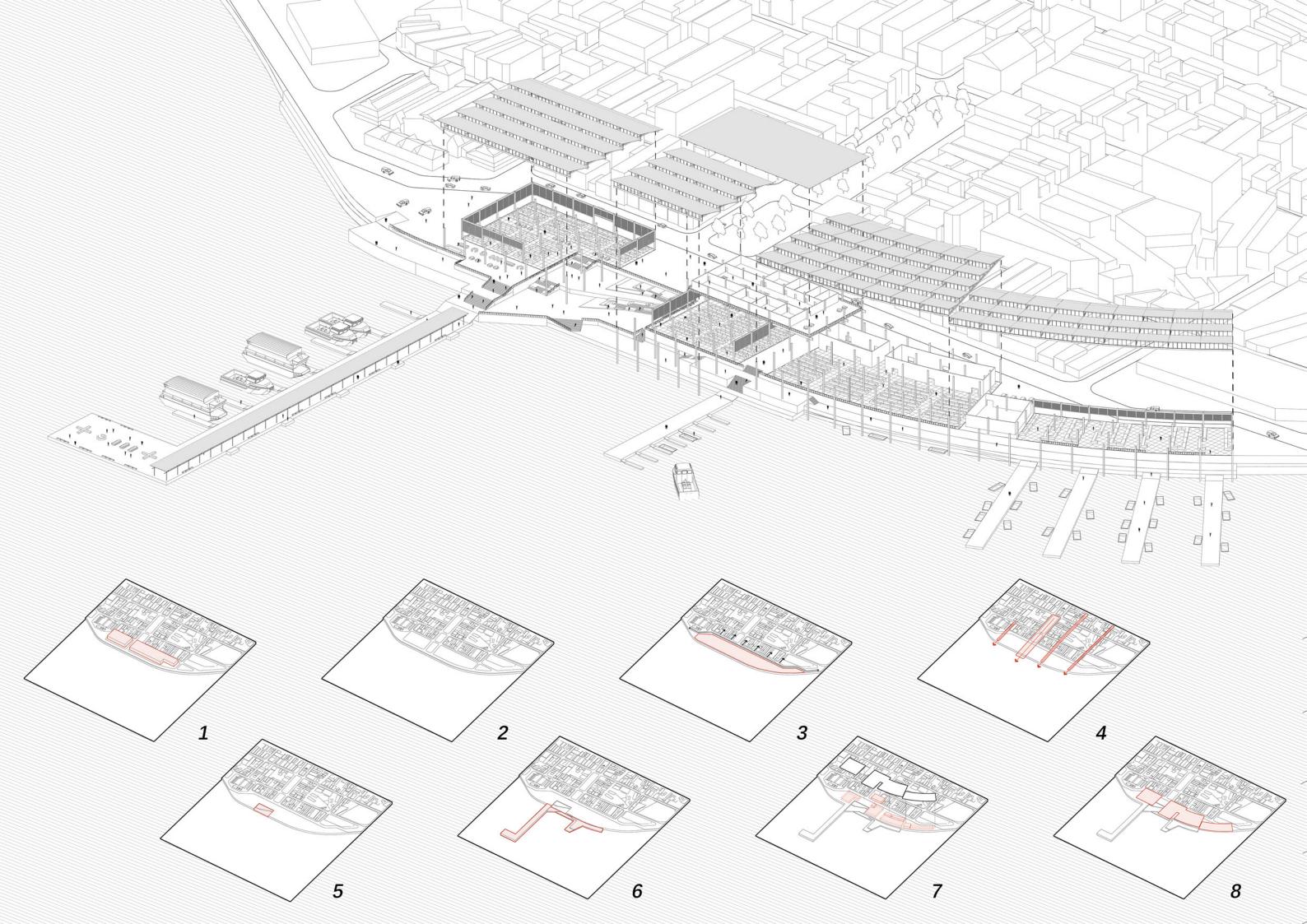


Many small family farmers come to this place for small-scale trade, they do not need a fixed booth, they can complete the trade on boats

Public Space

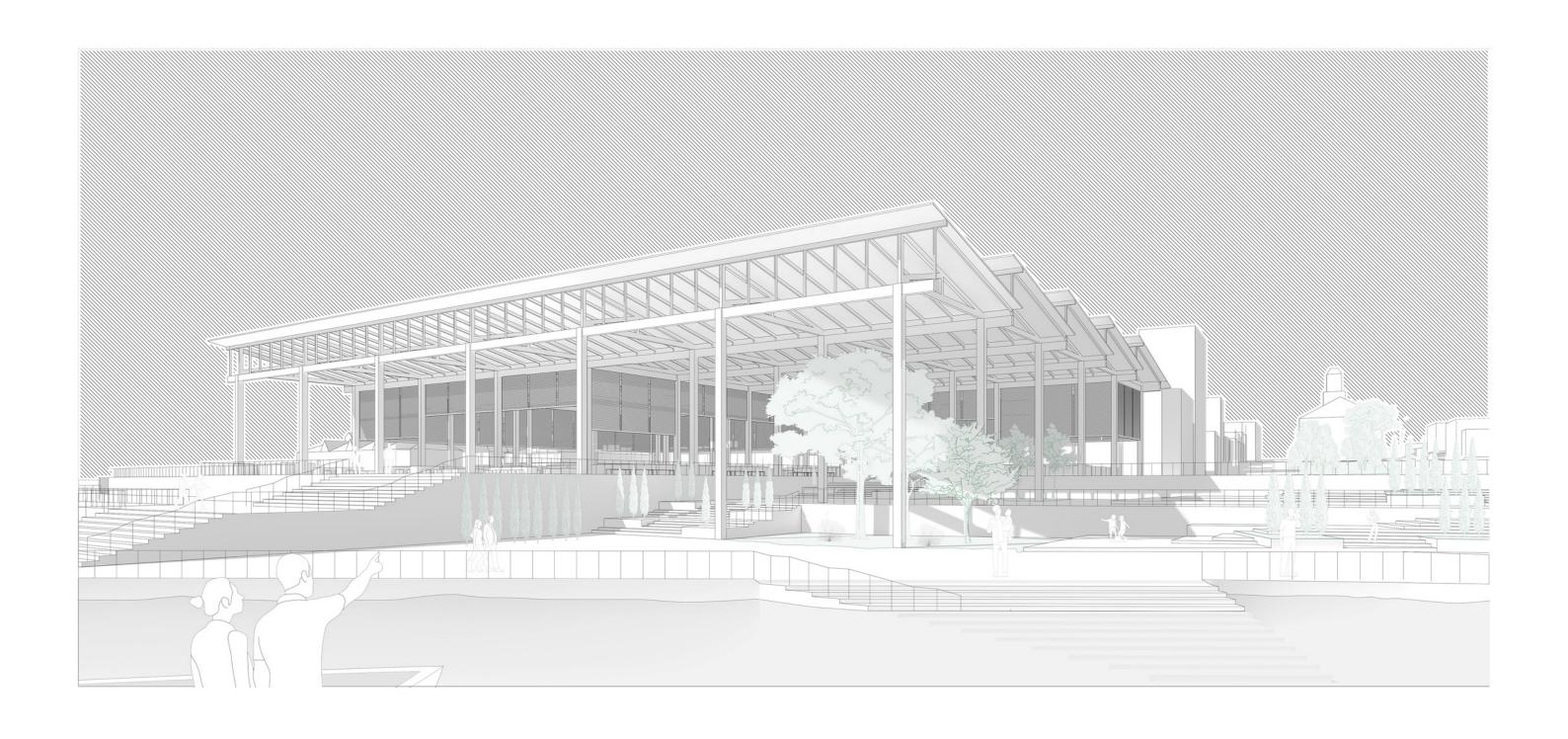


As the most important site of Manaus and the water gate of Manaus, public space is needed to emphasize the importance of this place.





Co-Market of Manaus



Outdoor Perspective



Indoor & Water Market

