

STEVEN LIN

CONTENT

STUDIO

AquaFlow
USPS VMF + Food Distribution
Islands in Motion: Making Coral Reefs

TECH

Techniques of the Ultrareal

ELECTIVE

Seminar of Section

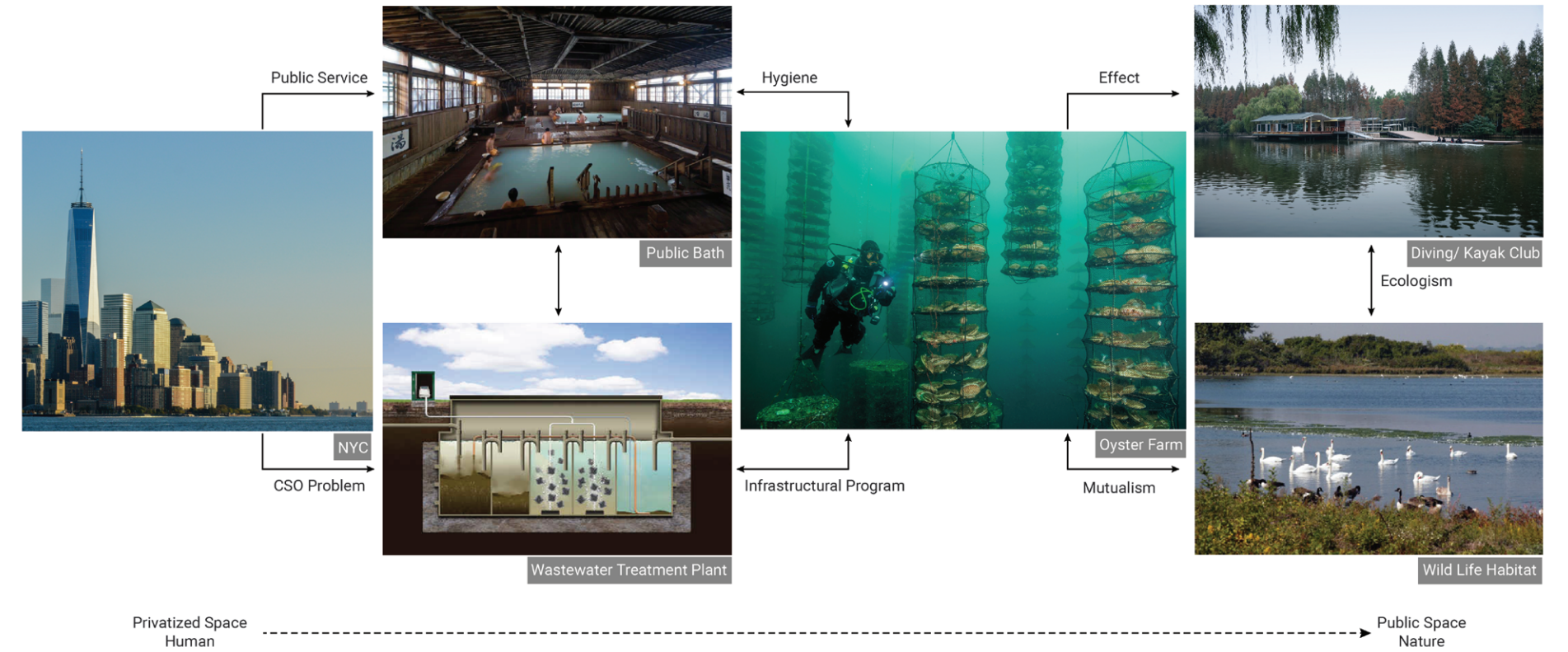
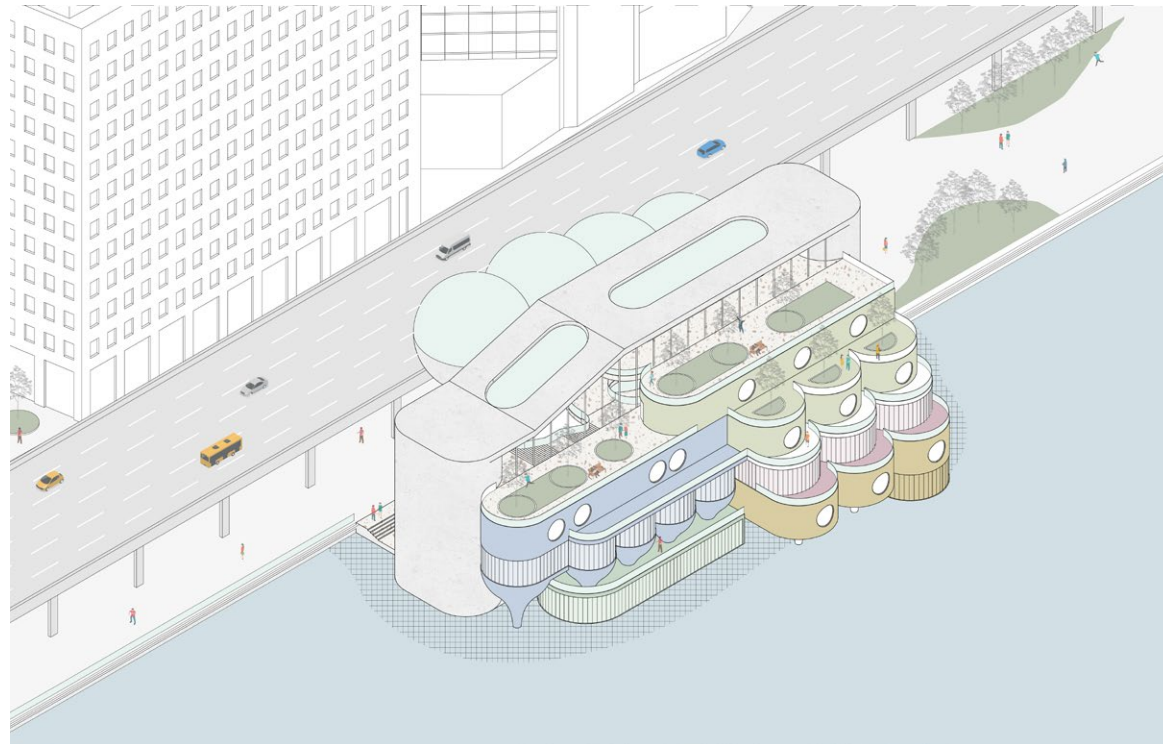
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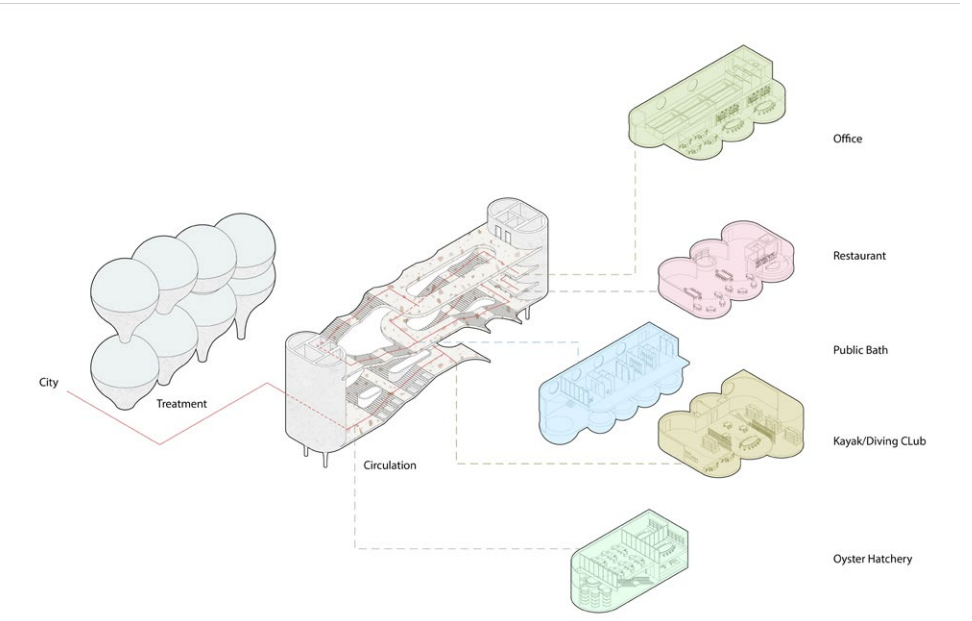
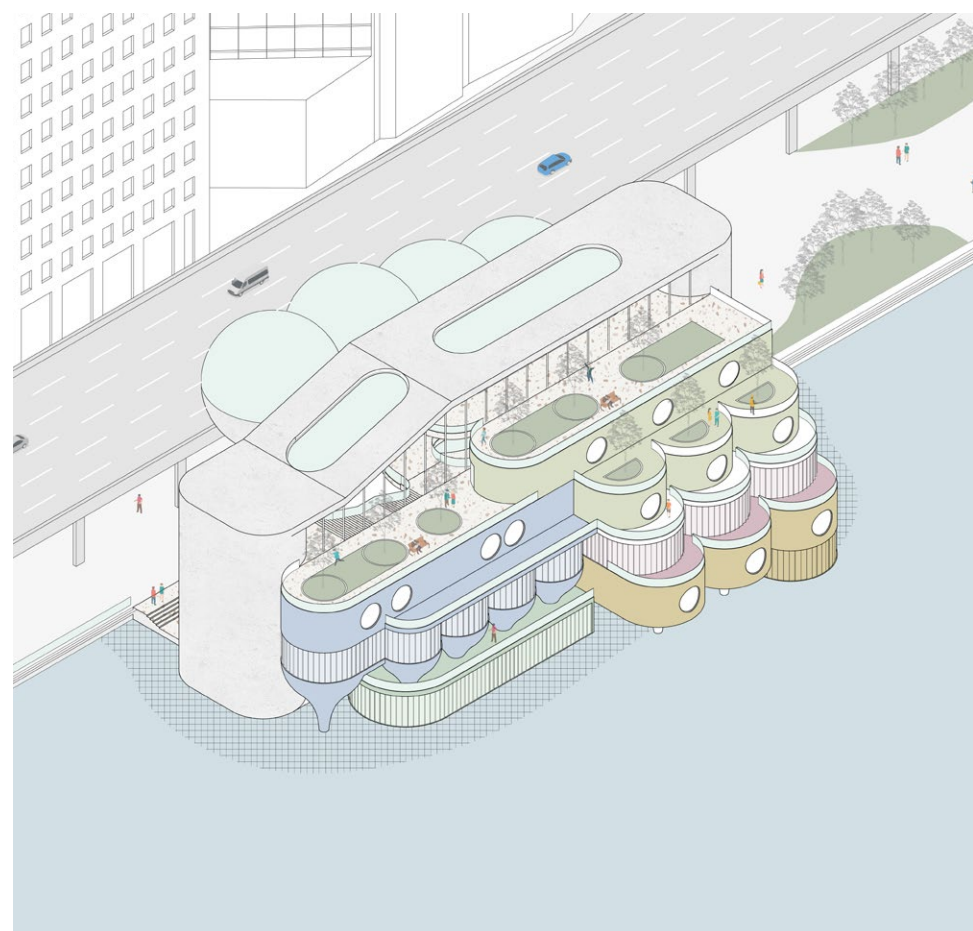
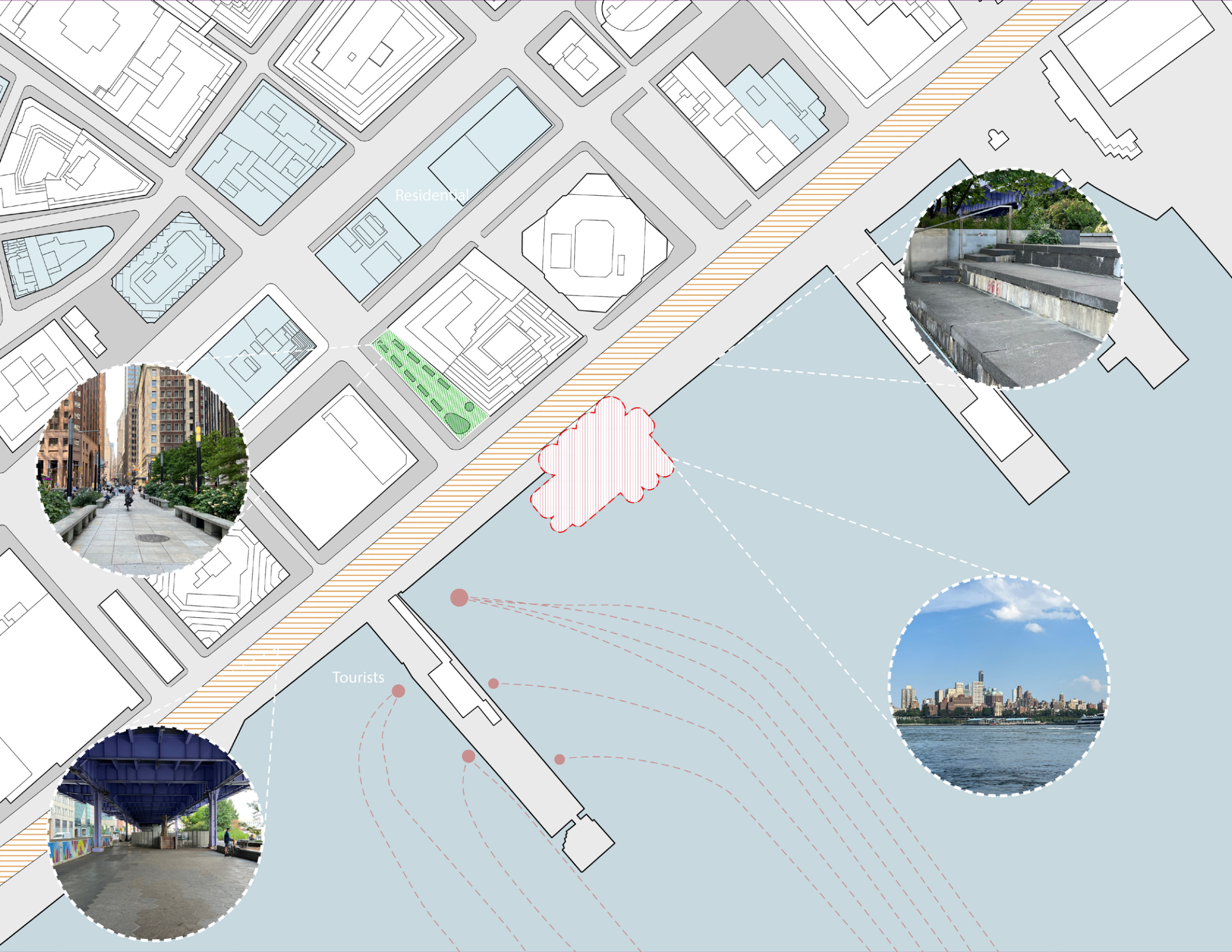
AquaFlow

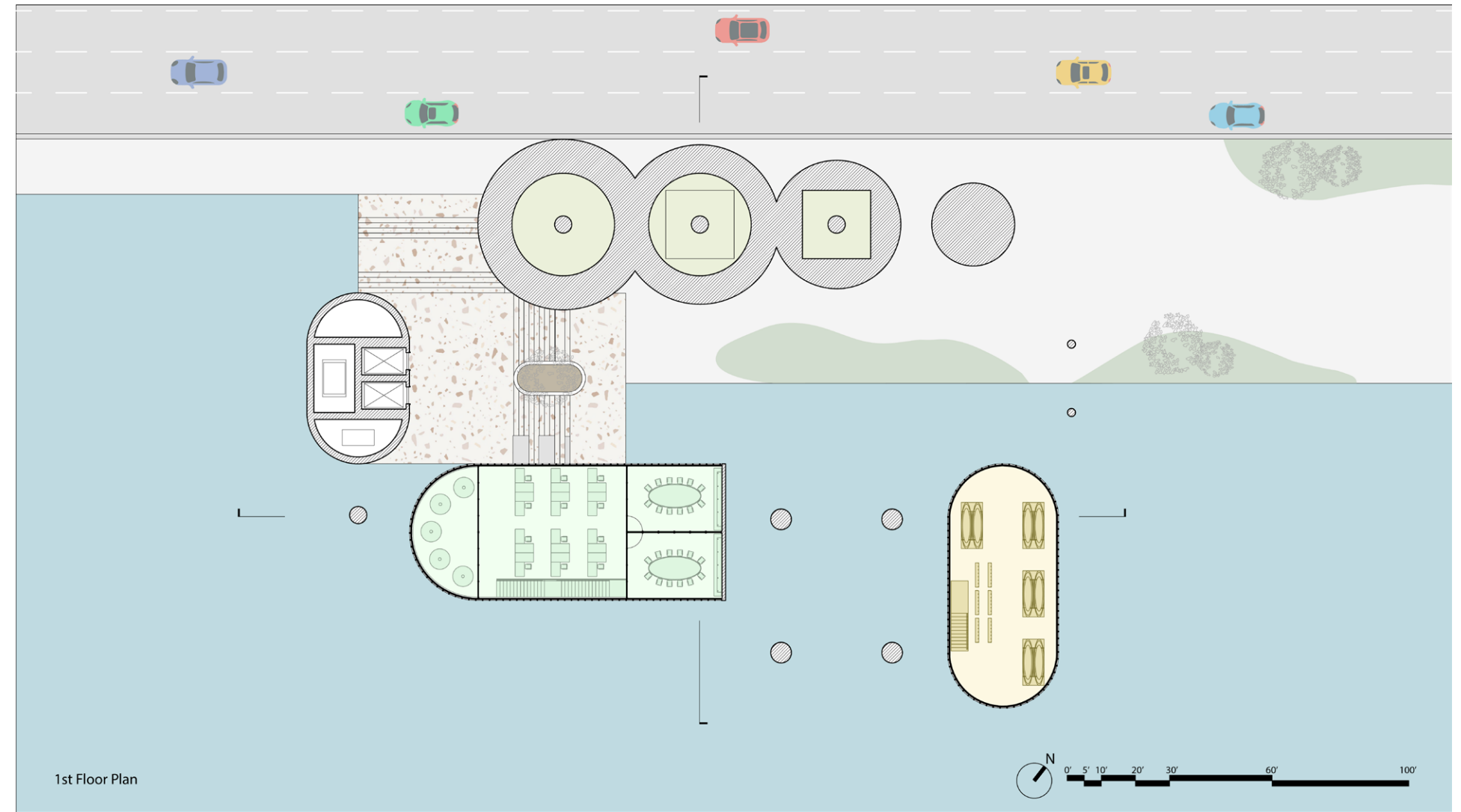
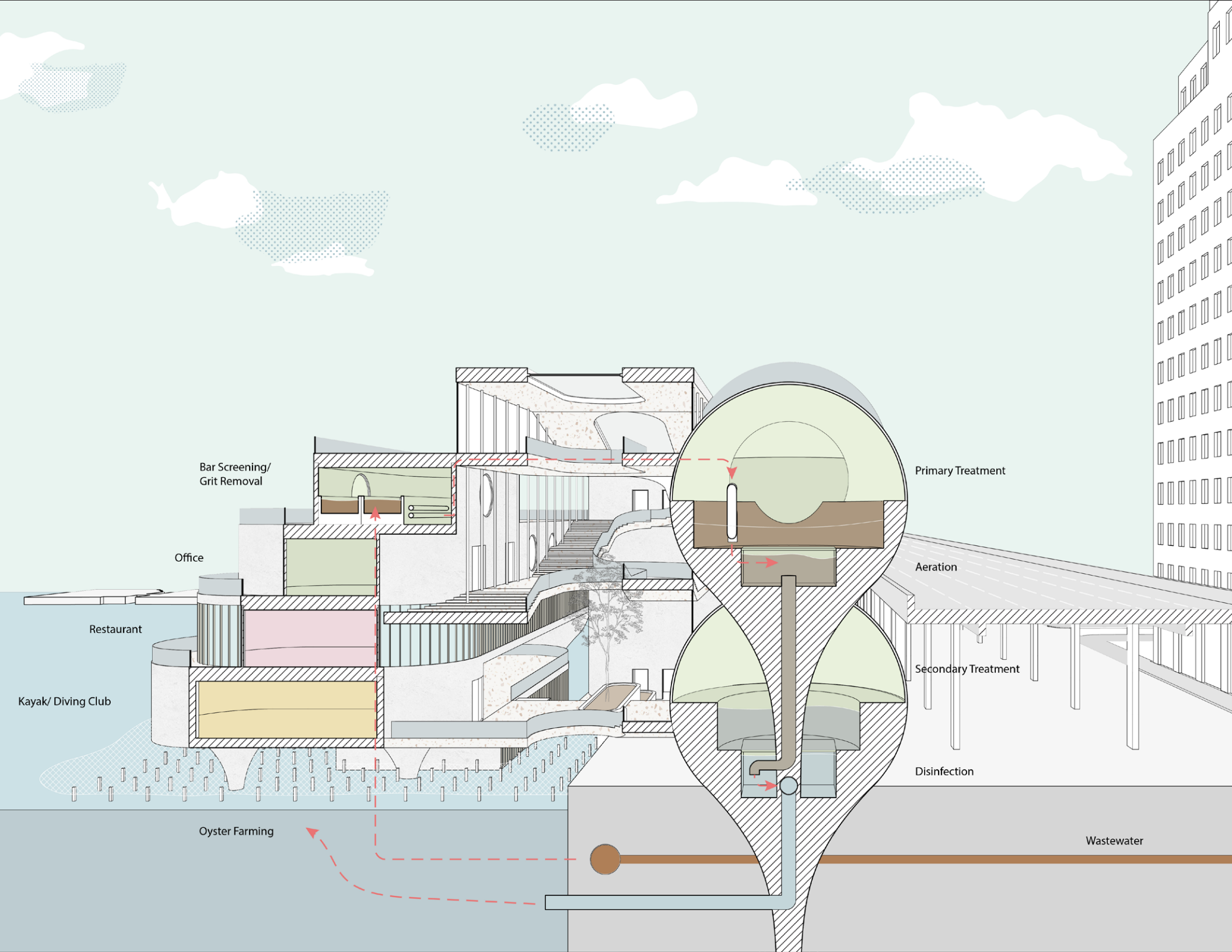
Advanced Architecture Tutorial
Prof. Dan Wood
Summer Semester, 2022

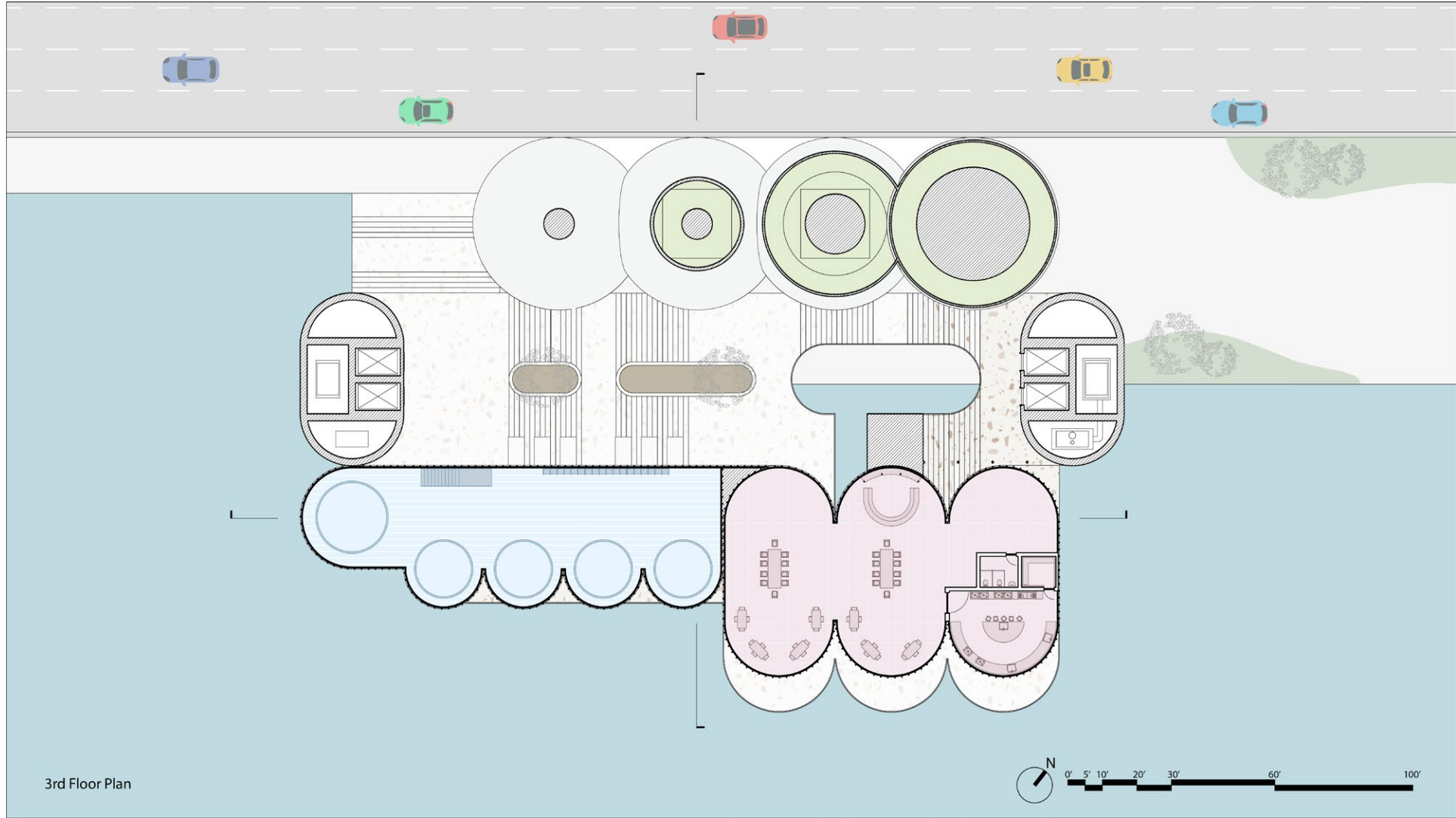
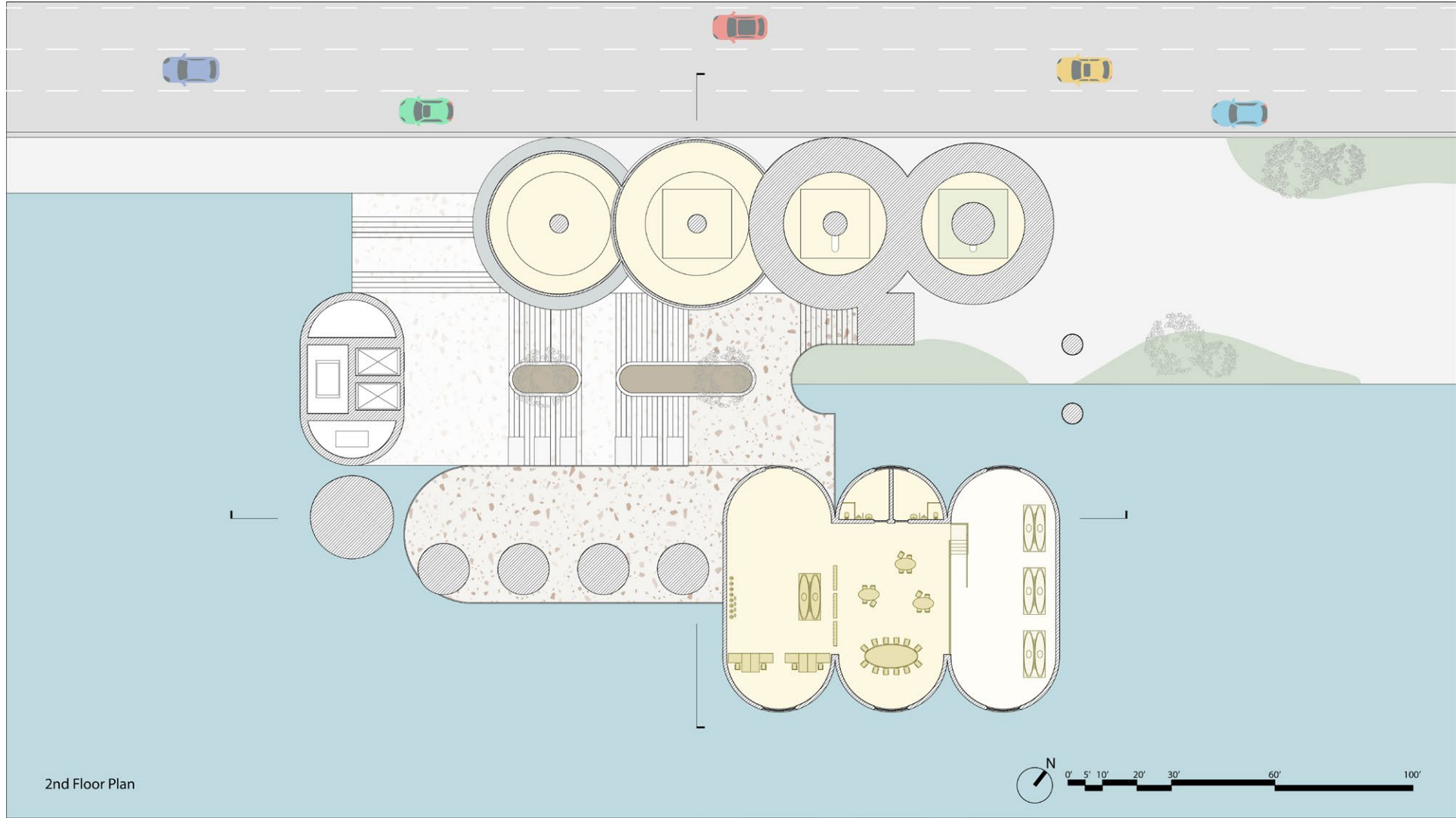
This studio examined the urban and infrastructural networks connected through the septic system. It looked at the history of sewers and sewage and how the public has interacted with and grown fascinated with them. It looked at how architects and artists have addressed infrastructure and sewers in their work from Modernism until today. And finally, it looked at the potential future of the septic system and how it can function as an integral new people of a global green movement to make cities more ecological.

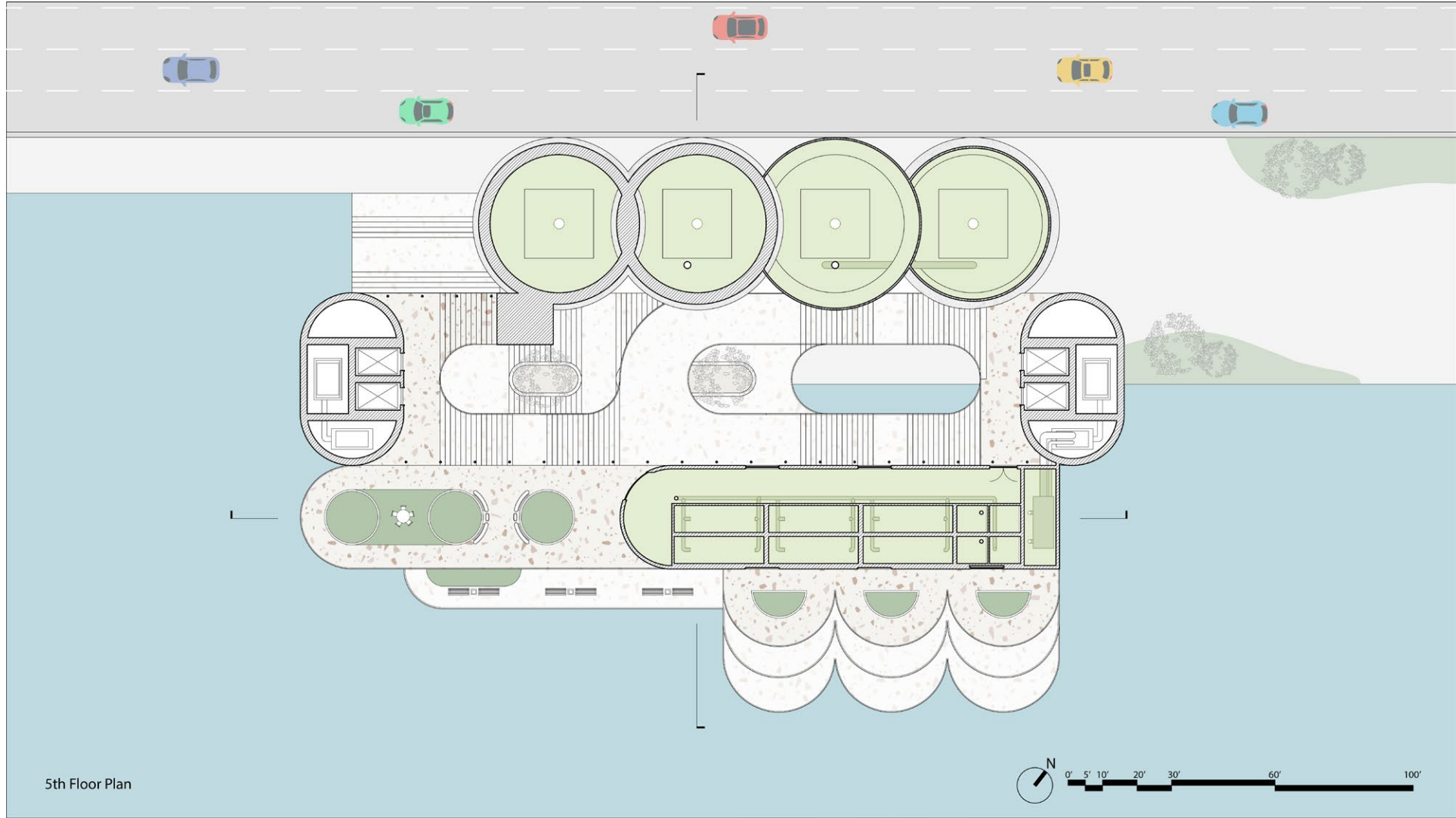
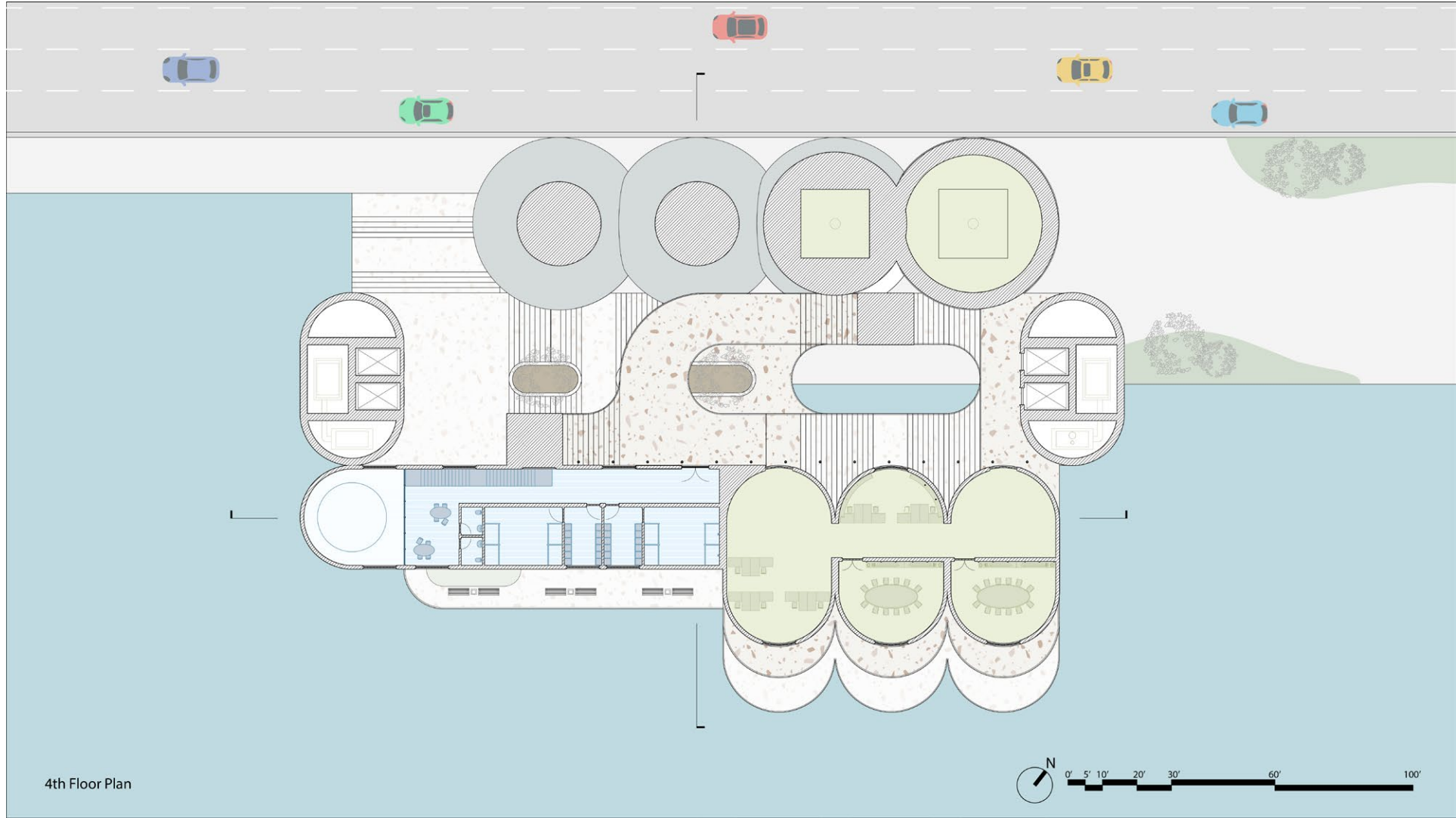
The project seeks opportunities to negotiate the relationship between community and infrastructure and create a social and cultural space for the public. The project forms a central circulation with the wastewater treatment on one side and the public service on the other. The circulation blends the infrastructure with other programs such as public baths, restaurants, kayak clubs, and oyster farms. As the wastewater is released from the treatment plant, the water contains chemical acid pollution. AquaFlow tries to reduce acidity by implementing the oyster field to neutralize the wildlife environment. Ultimately, the project seeks to intervene in infrastructural service into a communal social space to enrich the community's daily life.

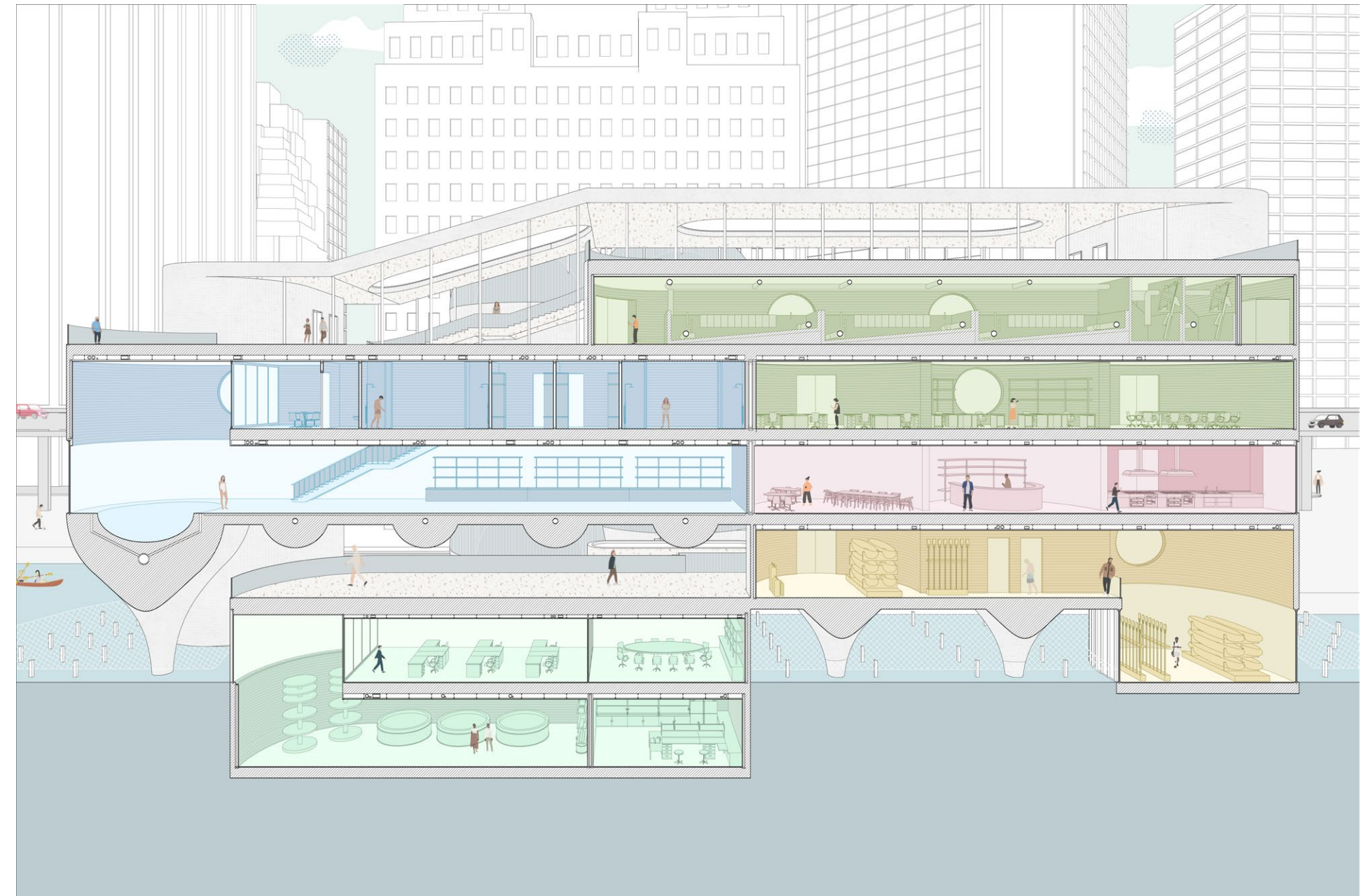
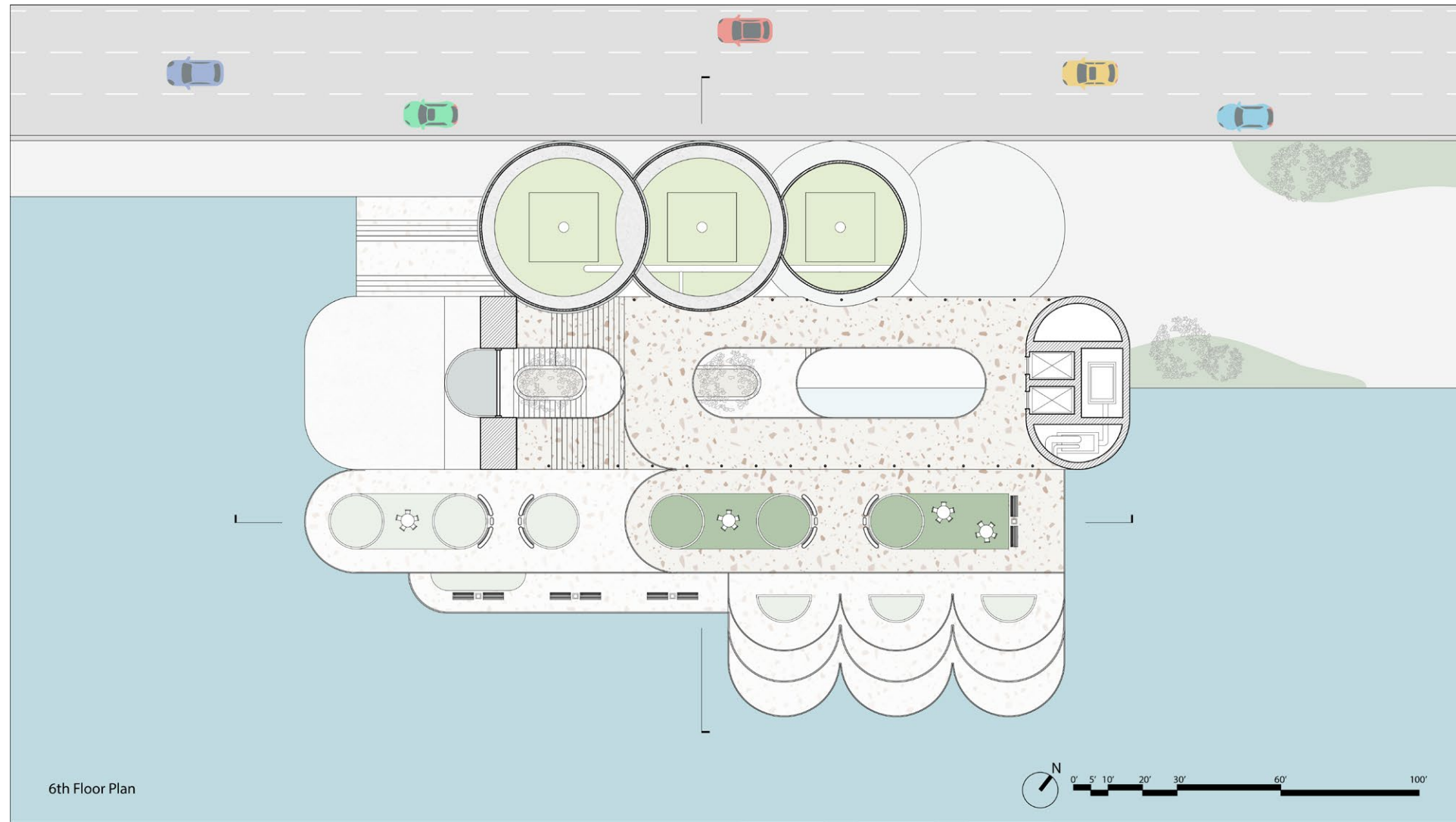


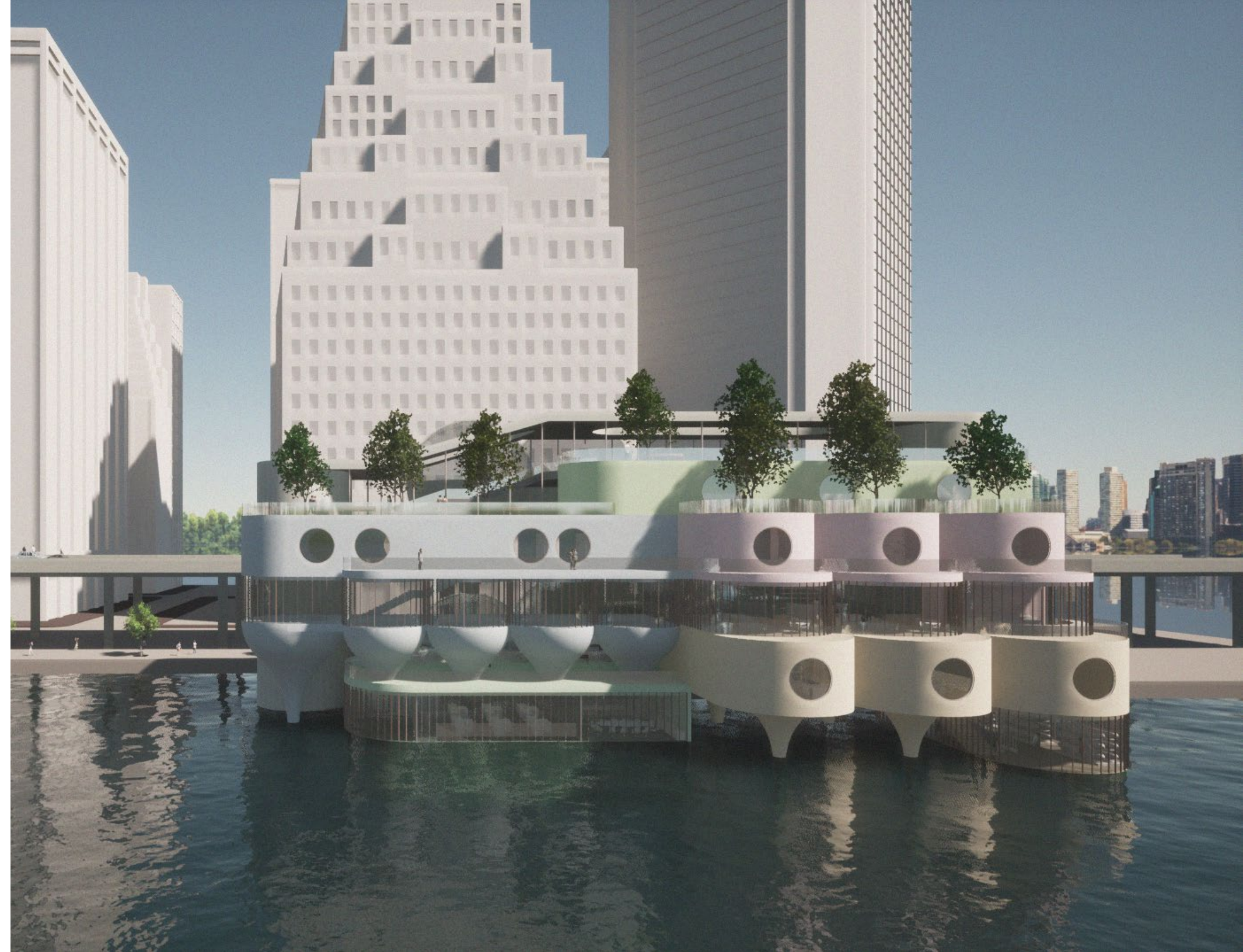
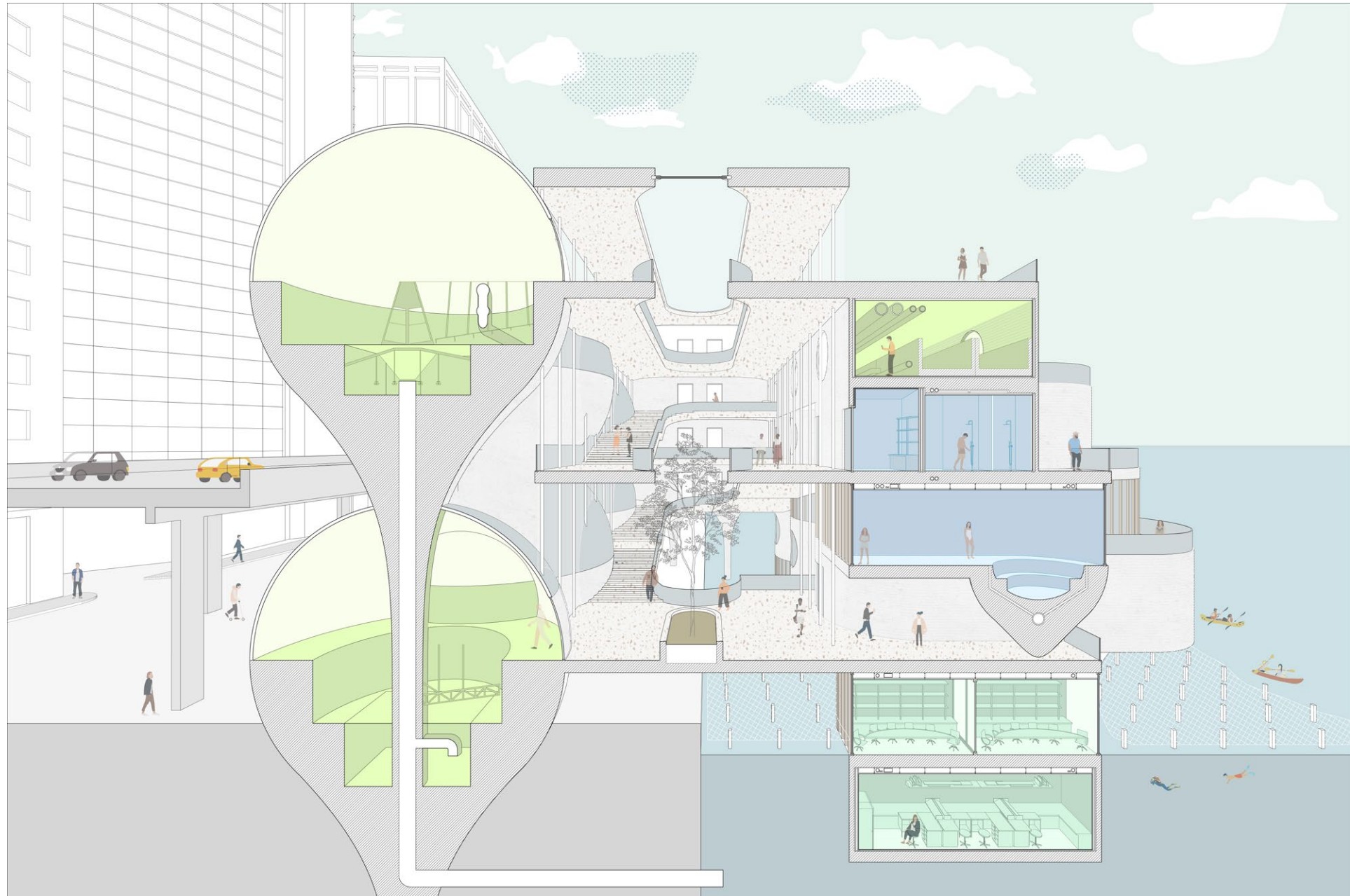


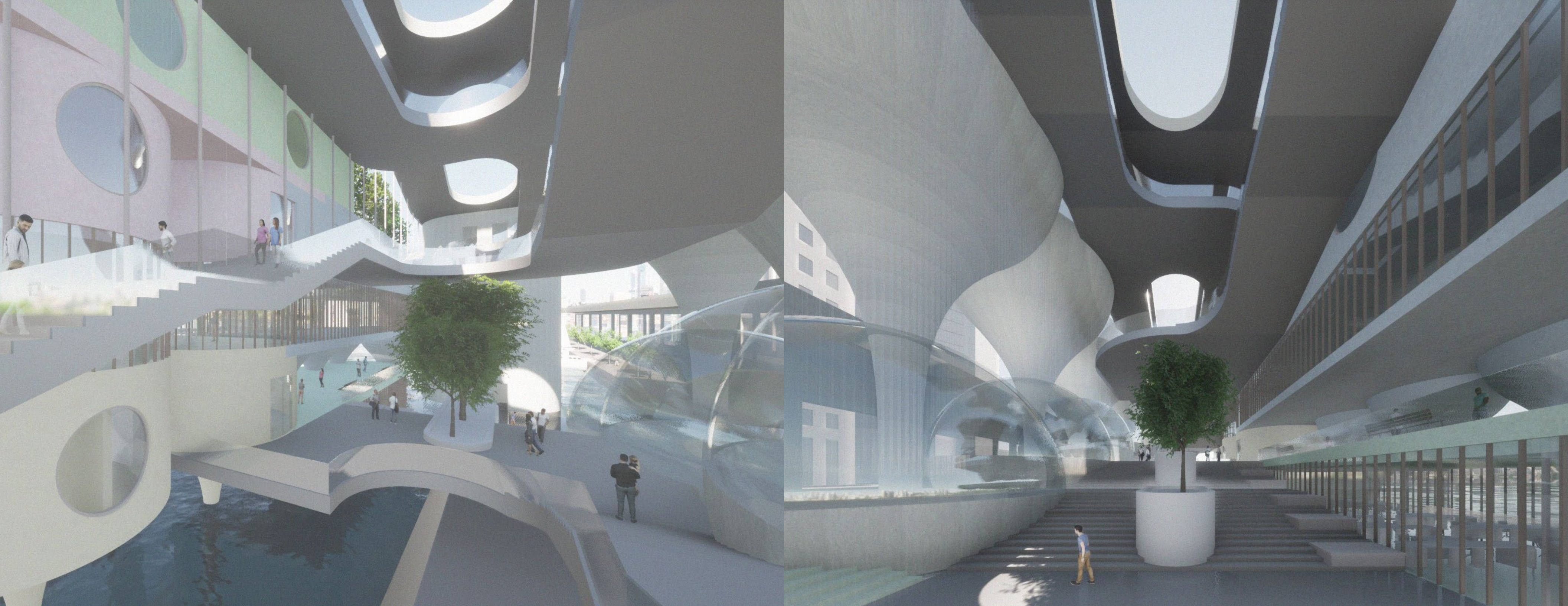


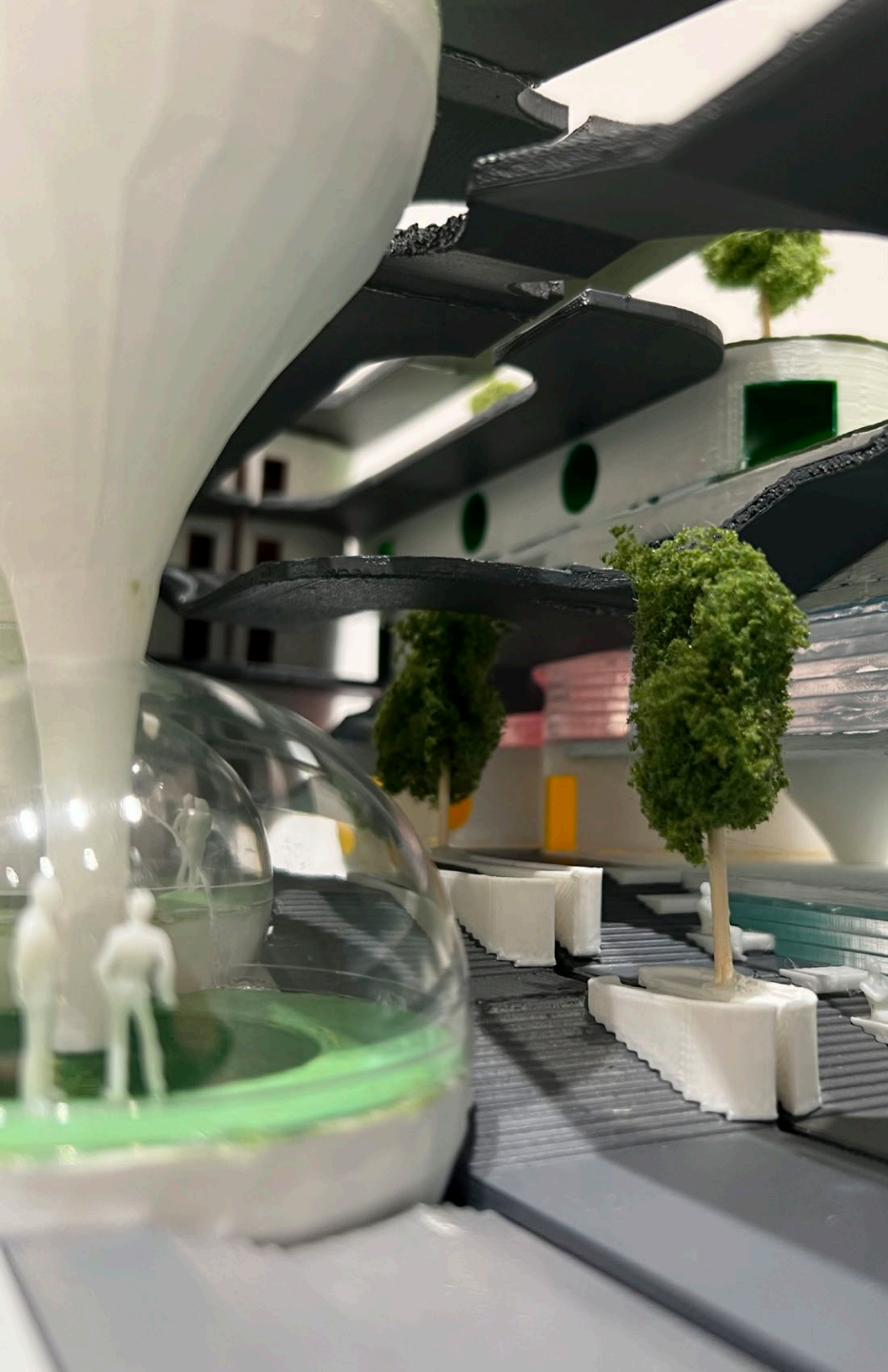








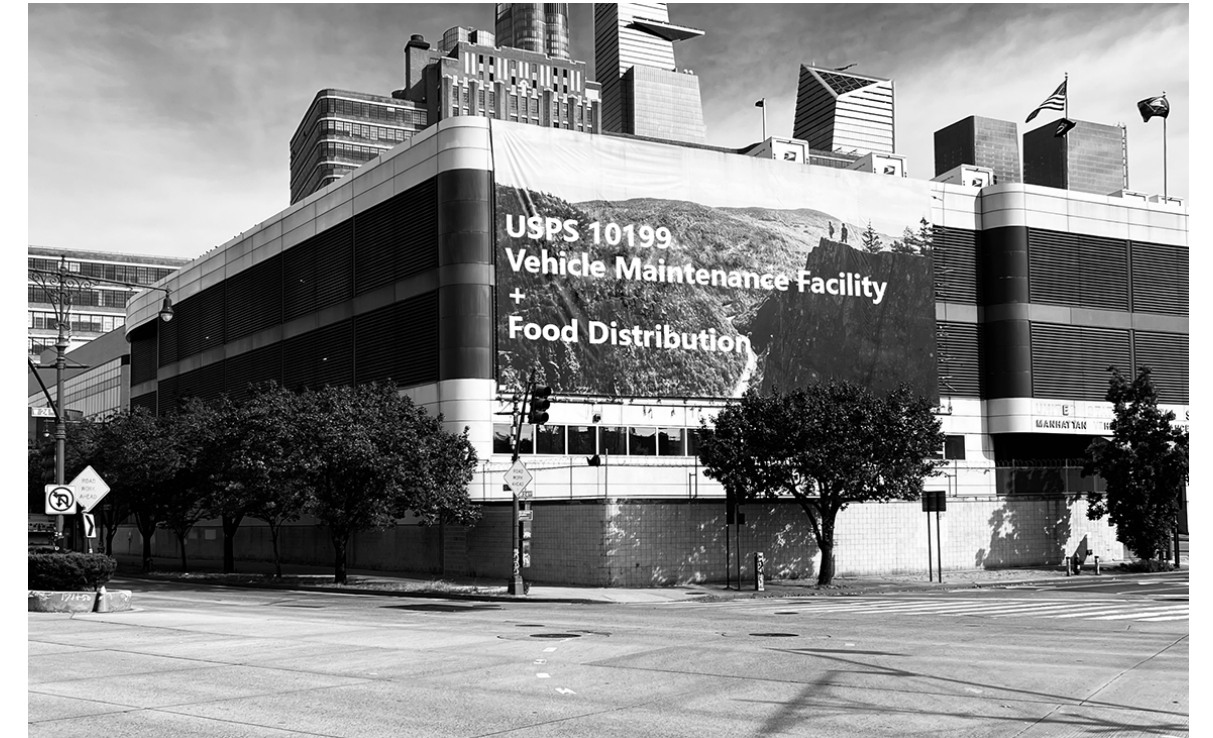


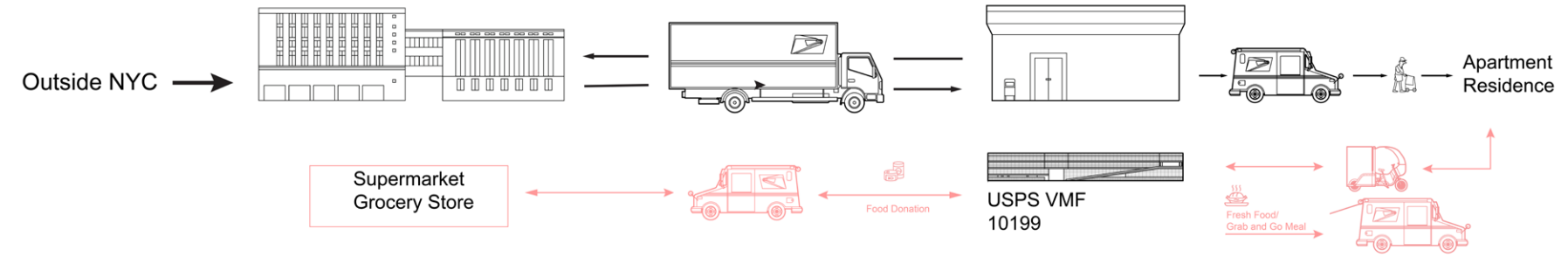


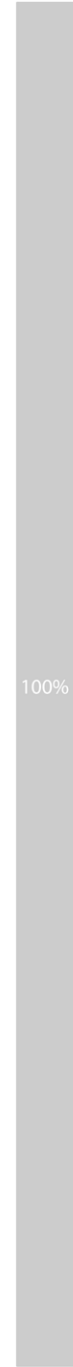
USPS VMF + Food Distribution

Advanced Studio V
Prof. Laurie Hawkinson
Fall Semester, 2022

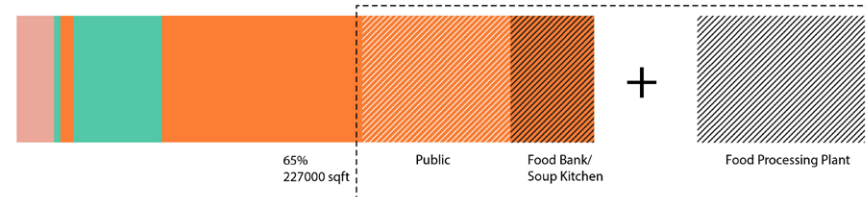
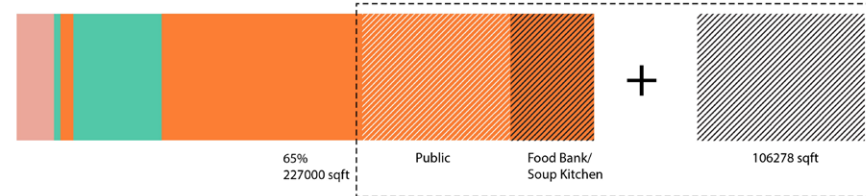
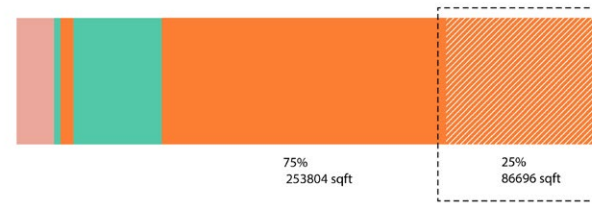
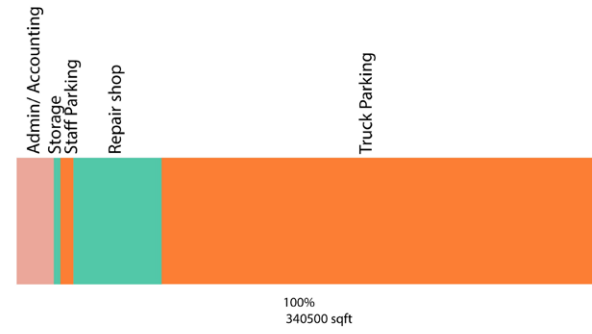
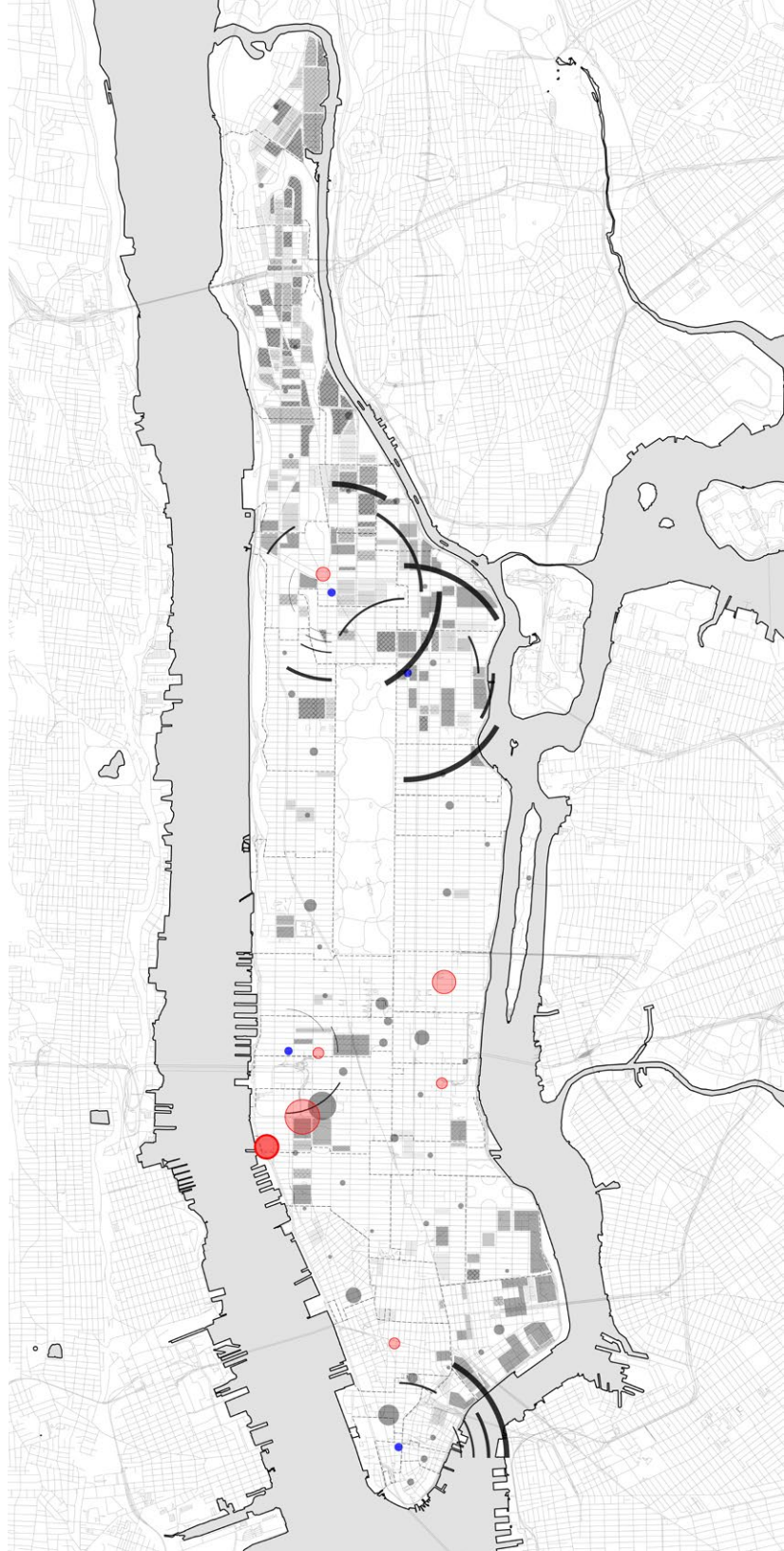
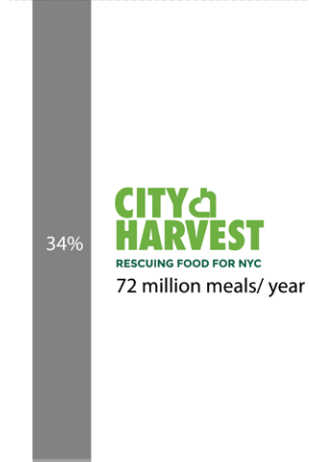
This studio speculated on ways in which new programs could expand the United States Postal Service and transform its mission, services and role for the zip code, as well as for City, State and Federal programs; possessing a new architecture in every sense of the term. In light of the recent Infrastructure Framework Plan ratified by the US Senate and The Inflation Reduction Act which includes legislation that will reduce carbon emissions by roughly 40 percent by 2030, the intention was to explore and reimagine that architecture, and its role in shaping this essential public infrastructure now and in the future.



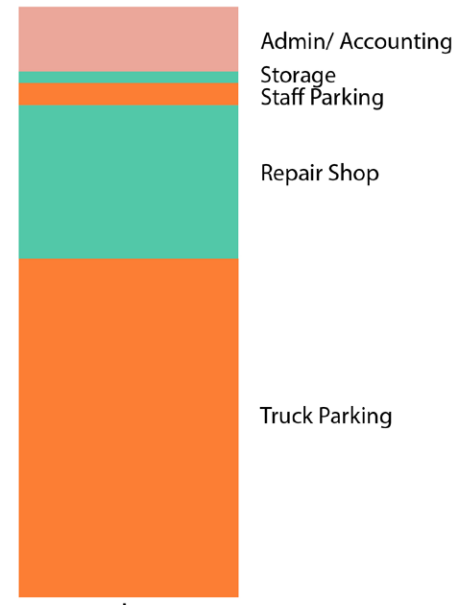




208 million meals shortage/ year
 2.4 million New Yorkers face hunger/ year
 14.4% NYC residents are food insecure

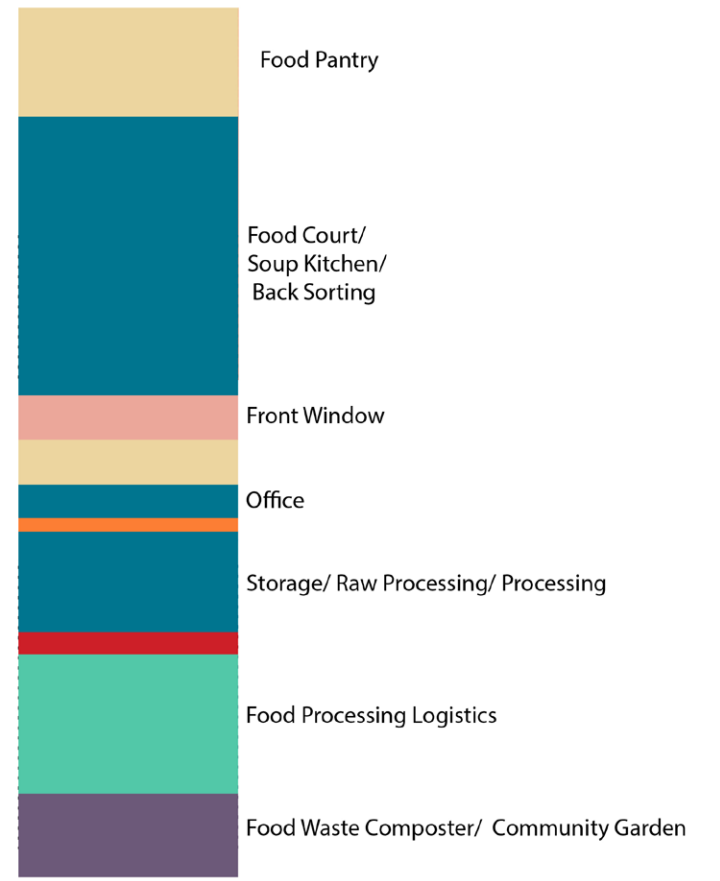


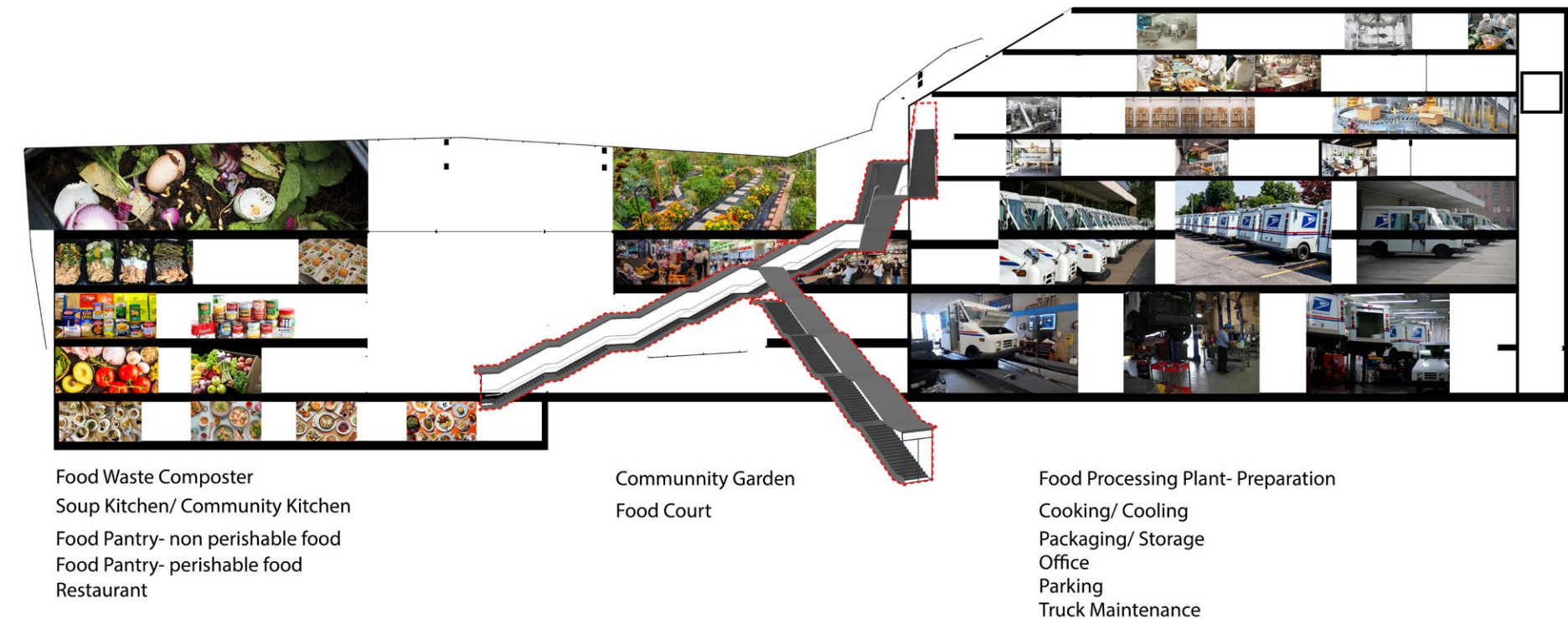
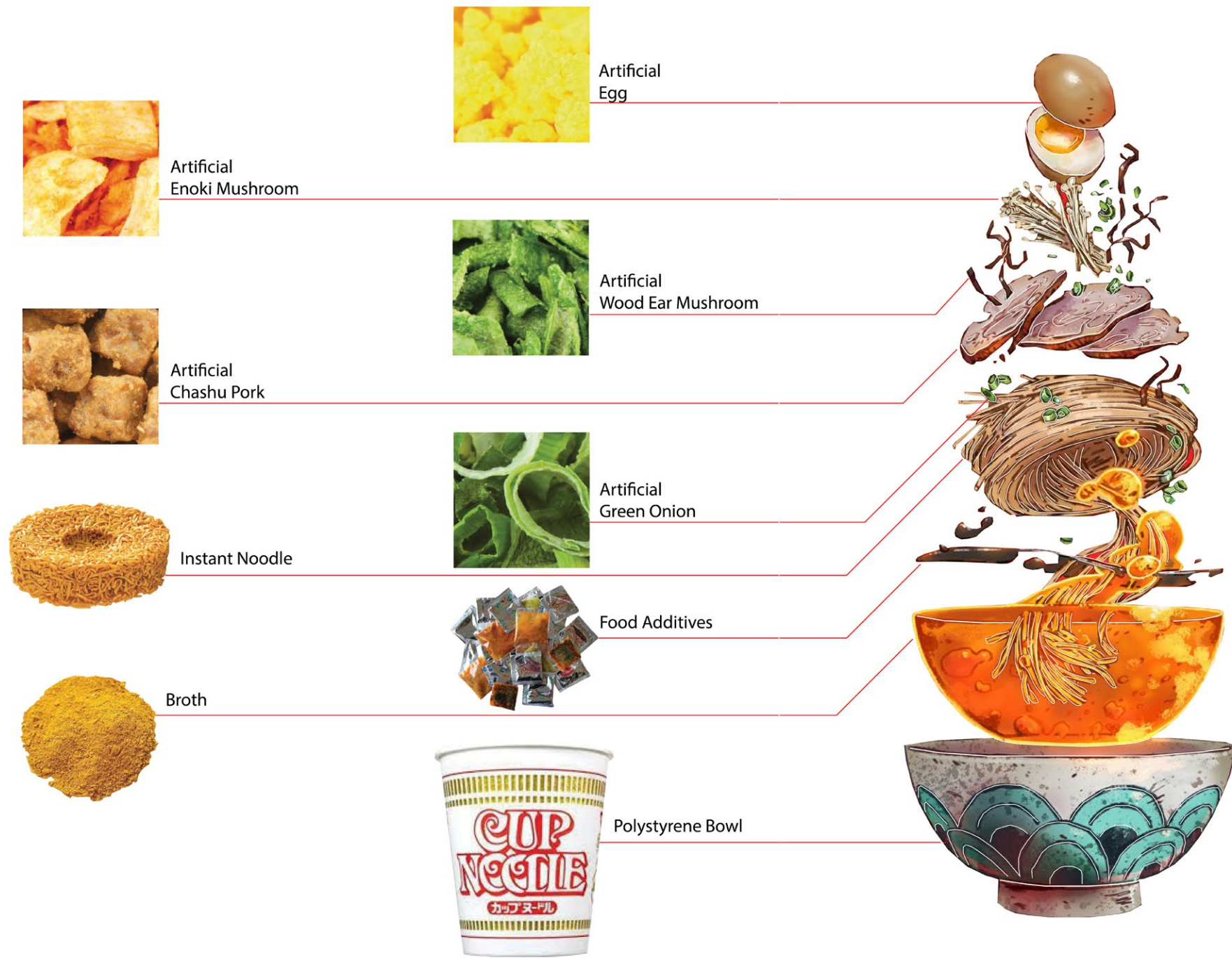
USPS

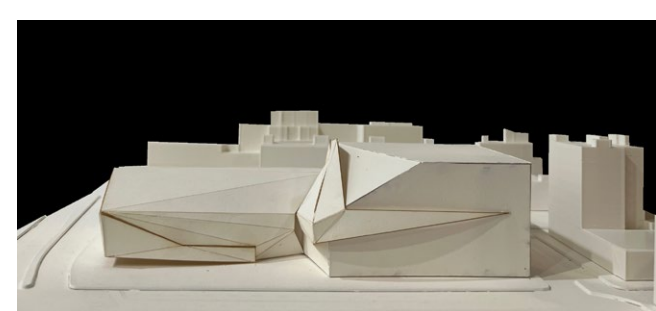
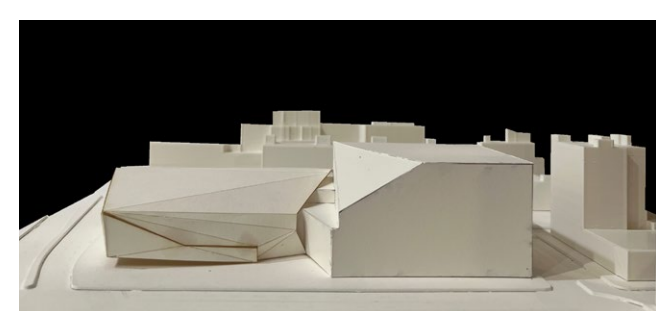
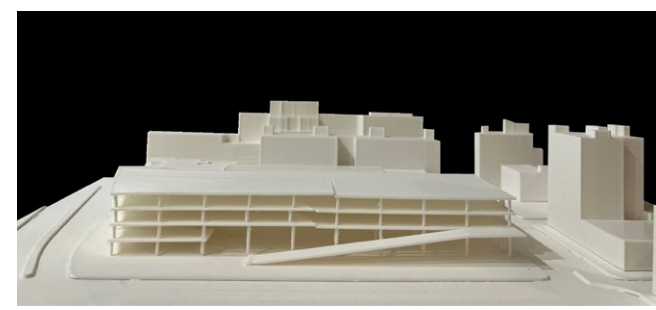
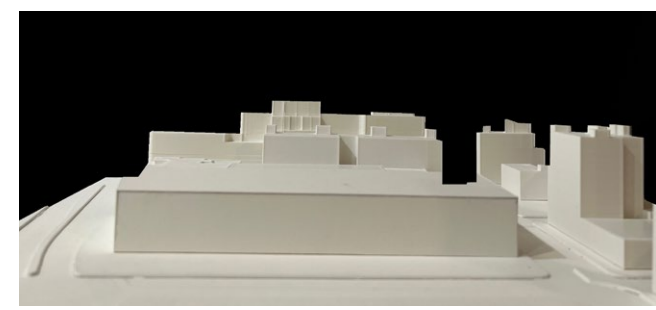
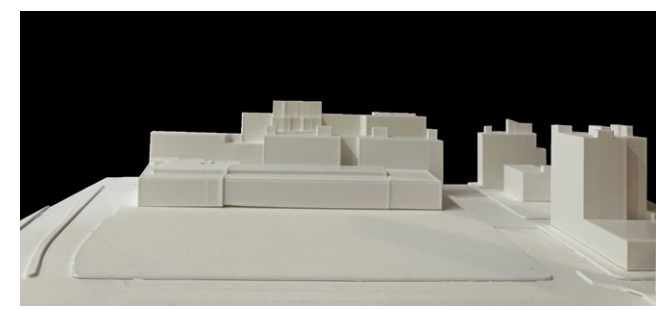
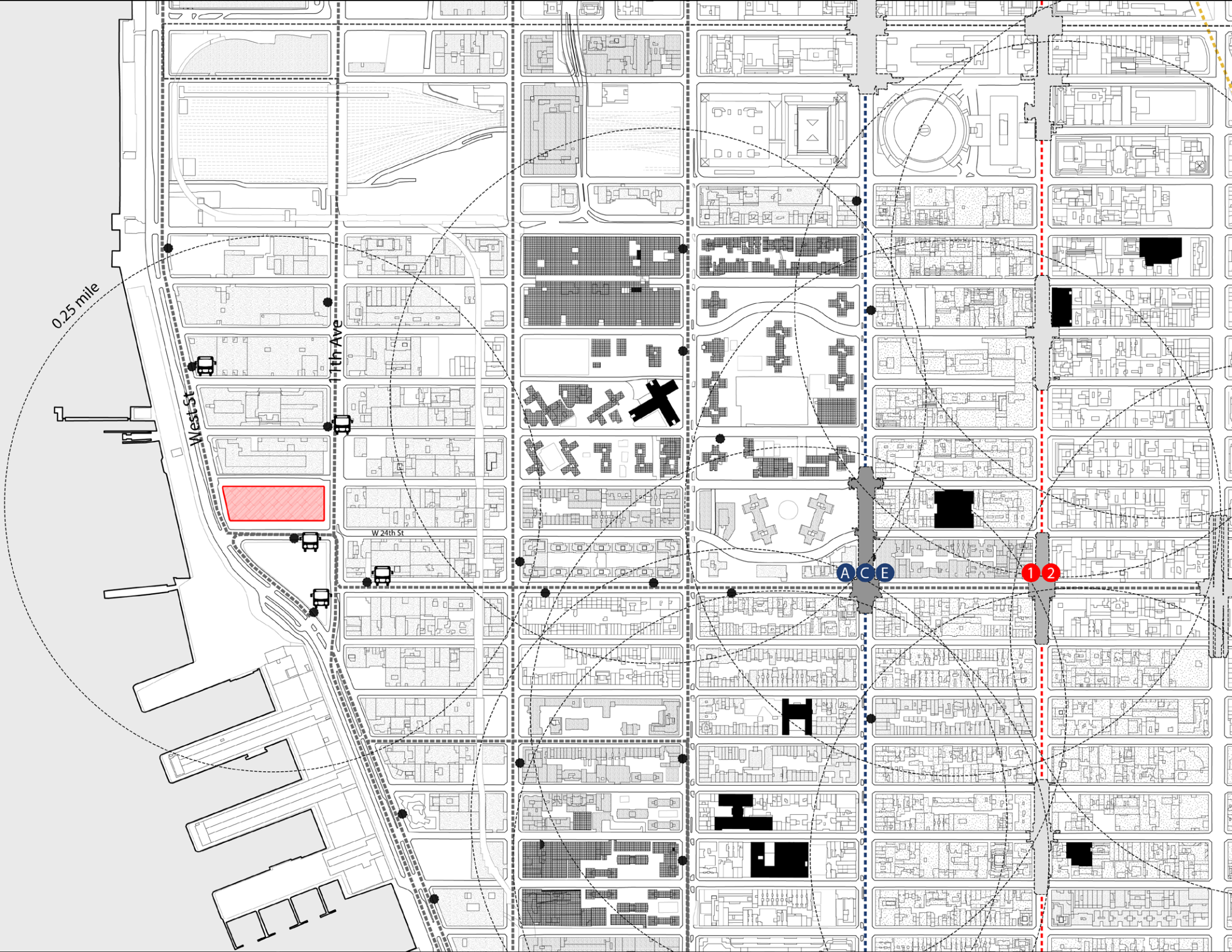


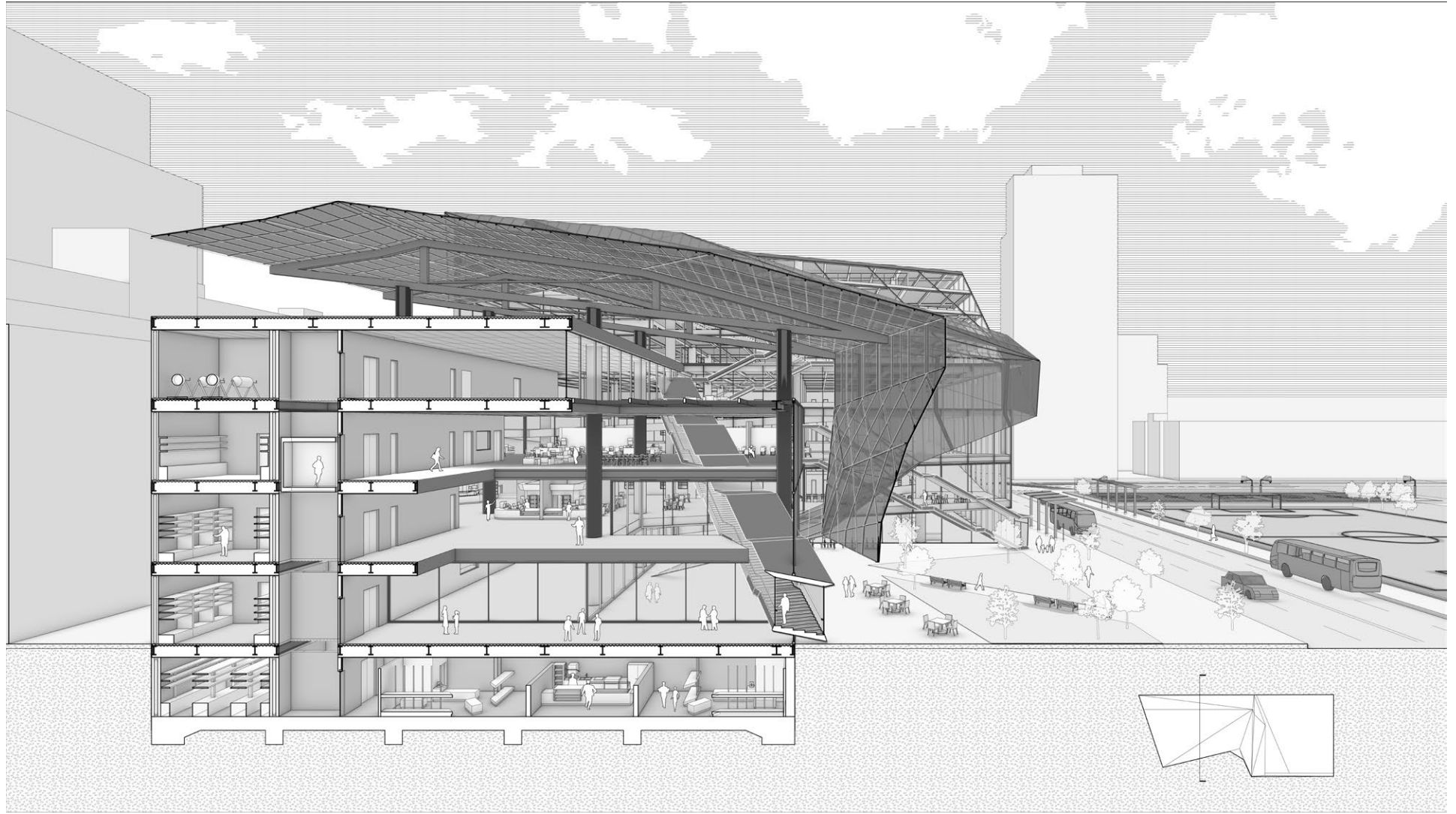
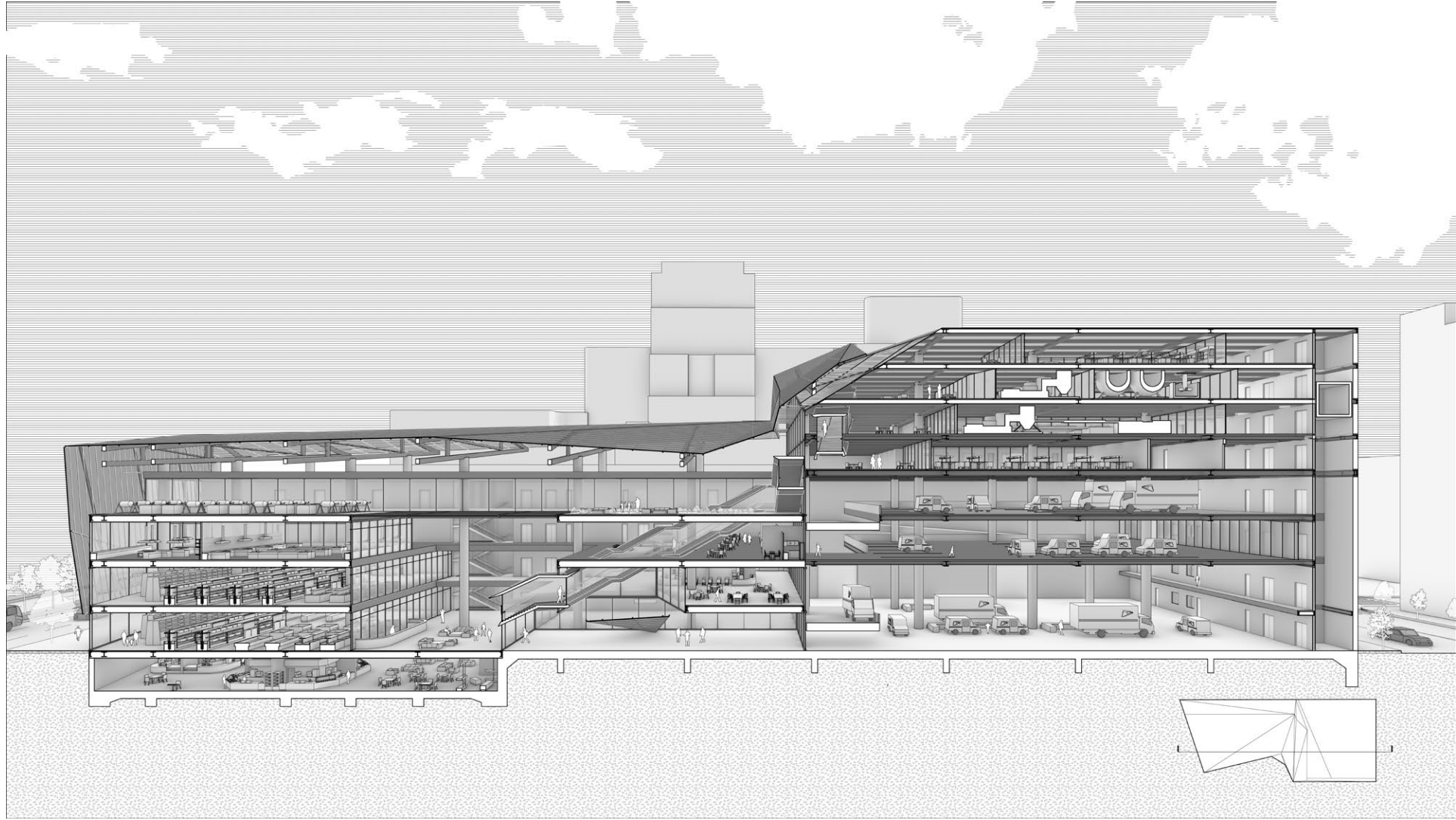
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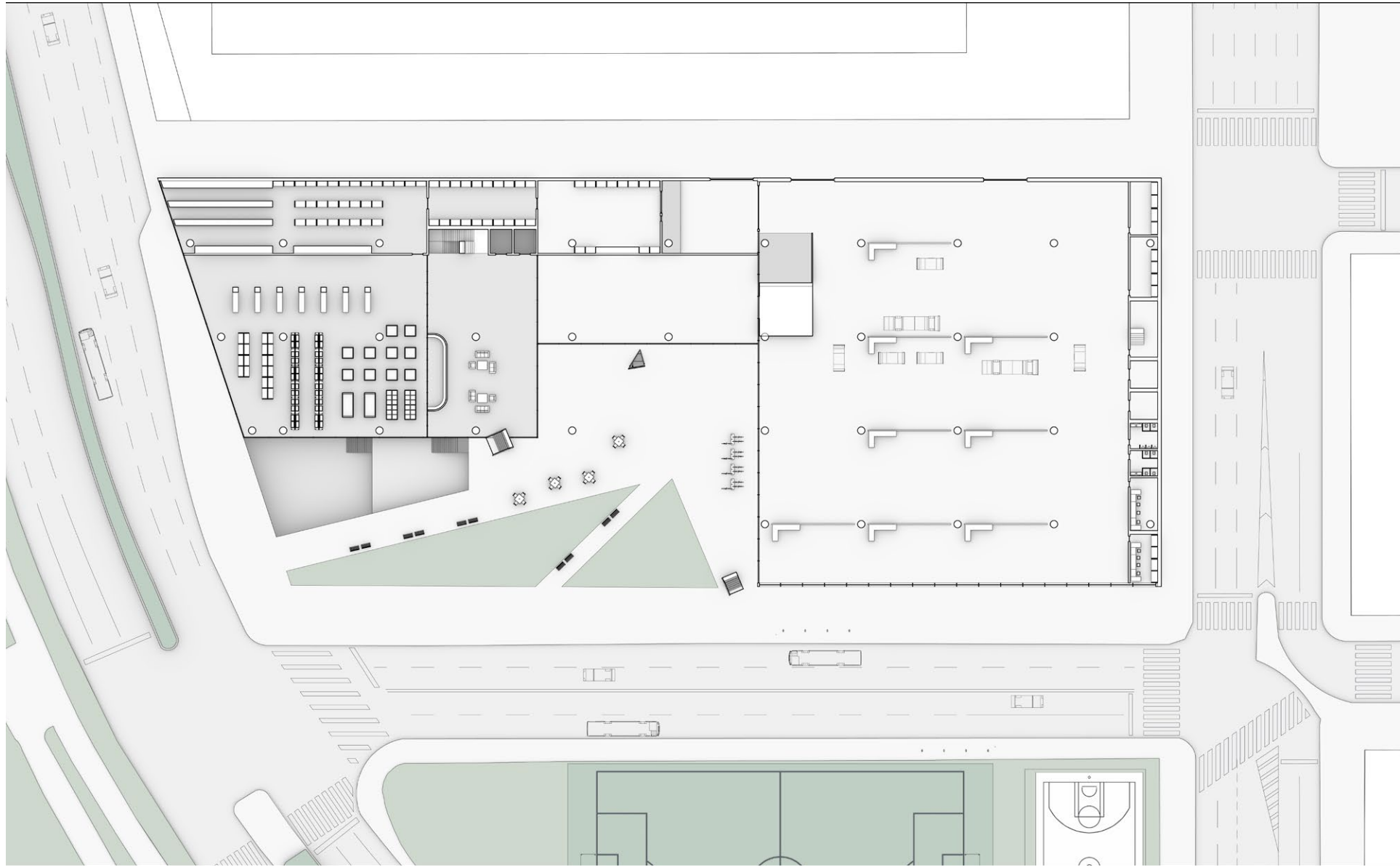
Food Distribution

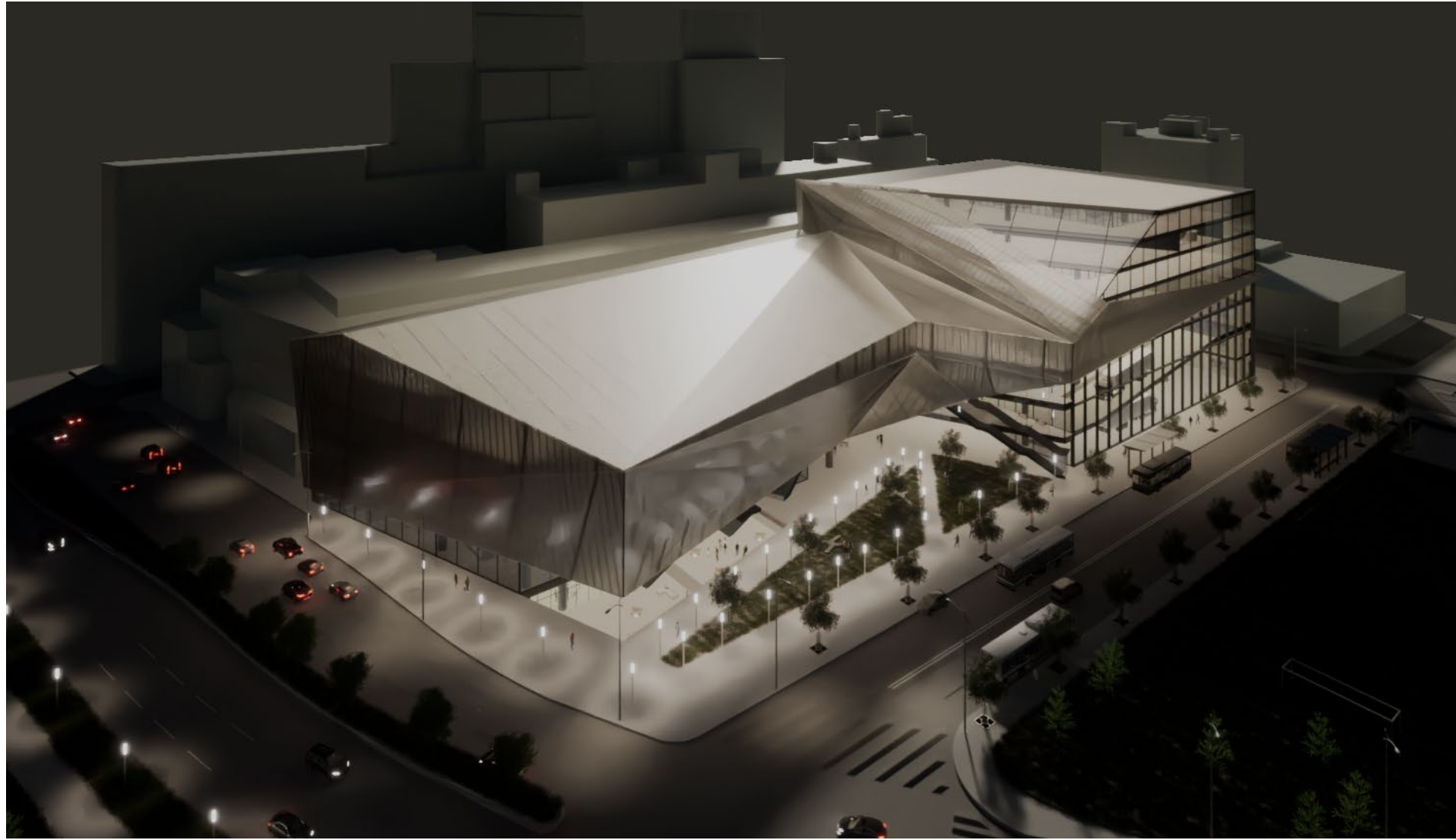
















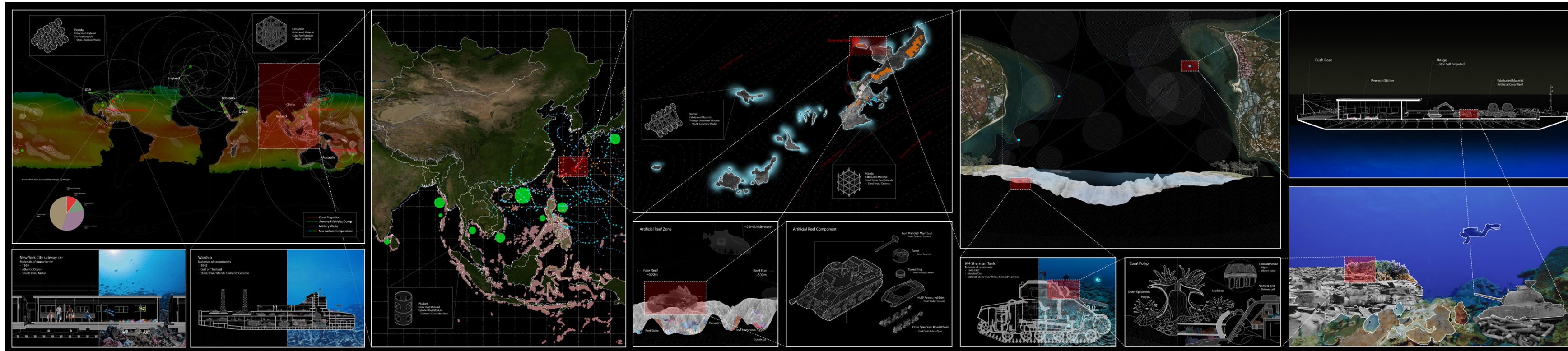
USPS VMF + Food Distribution

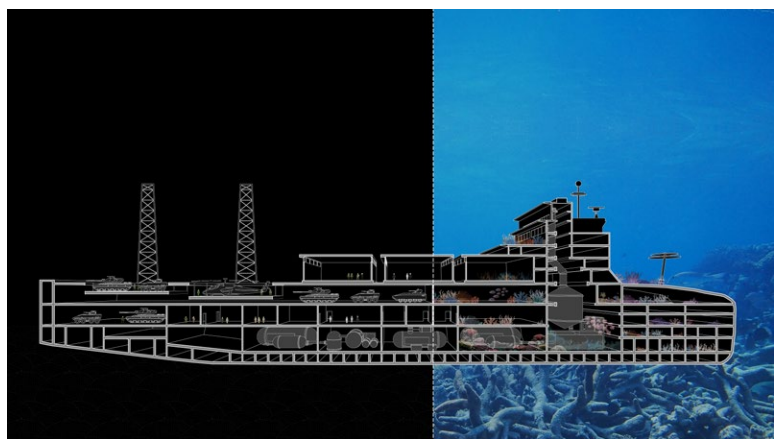
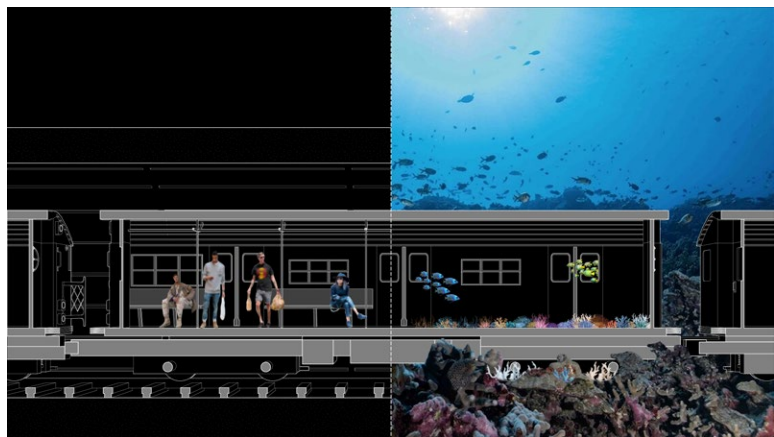
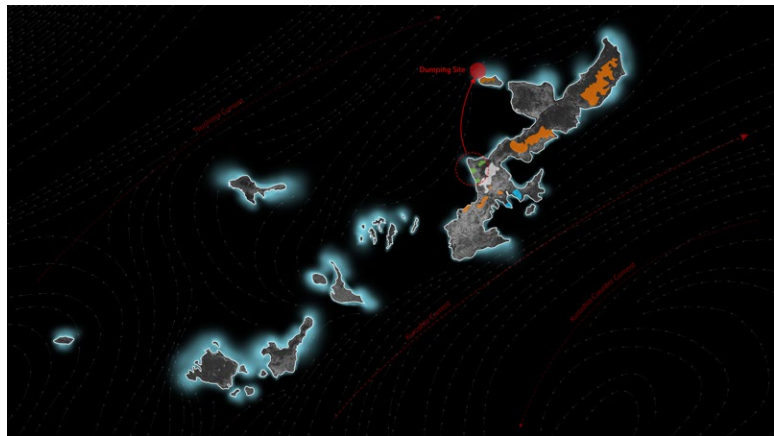
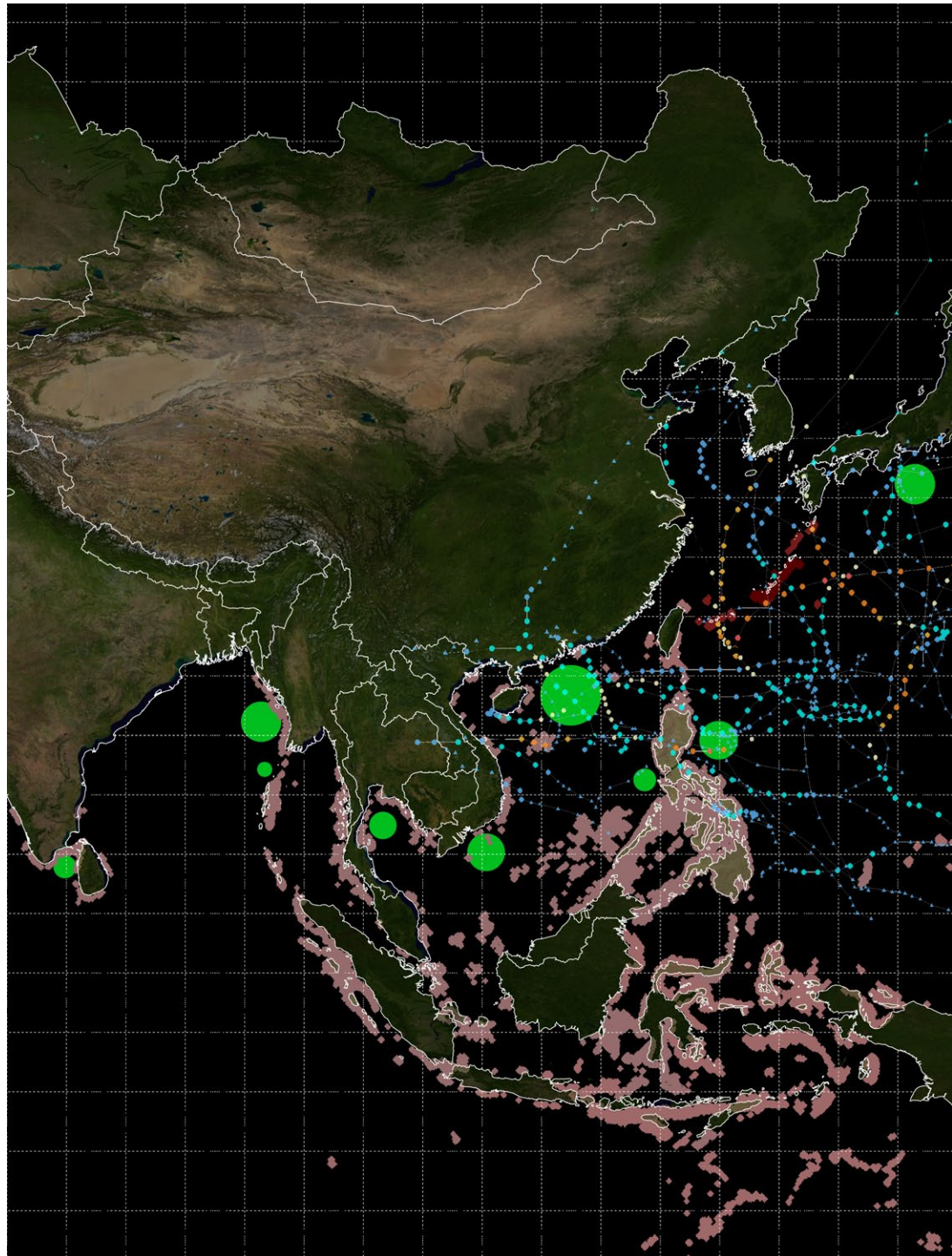
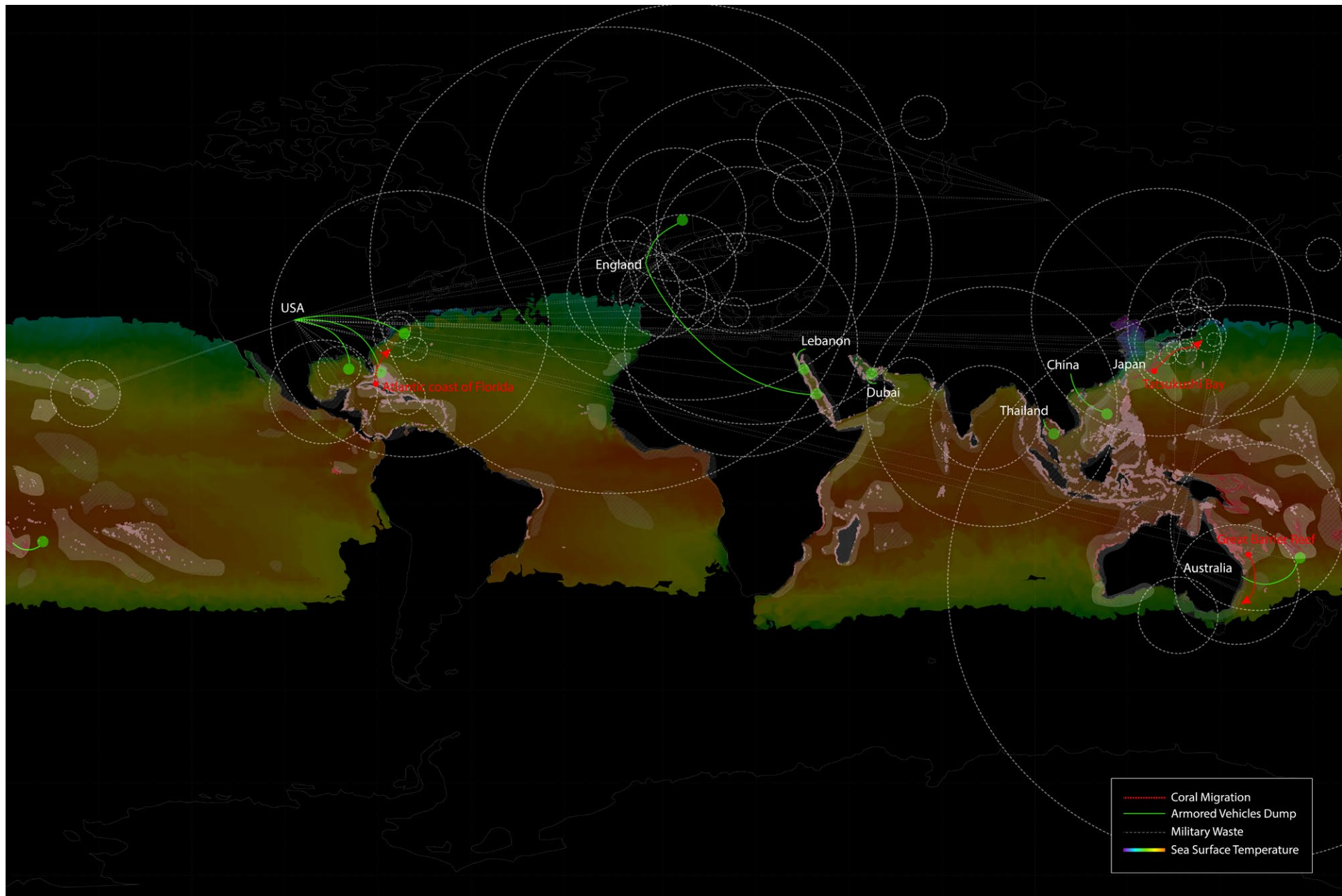
Advanced Studio VI
Prof. Patricia C. Anahory
Spring Semester, 2023

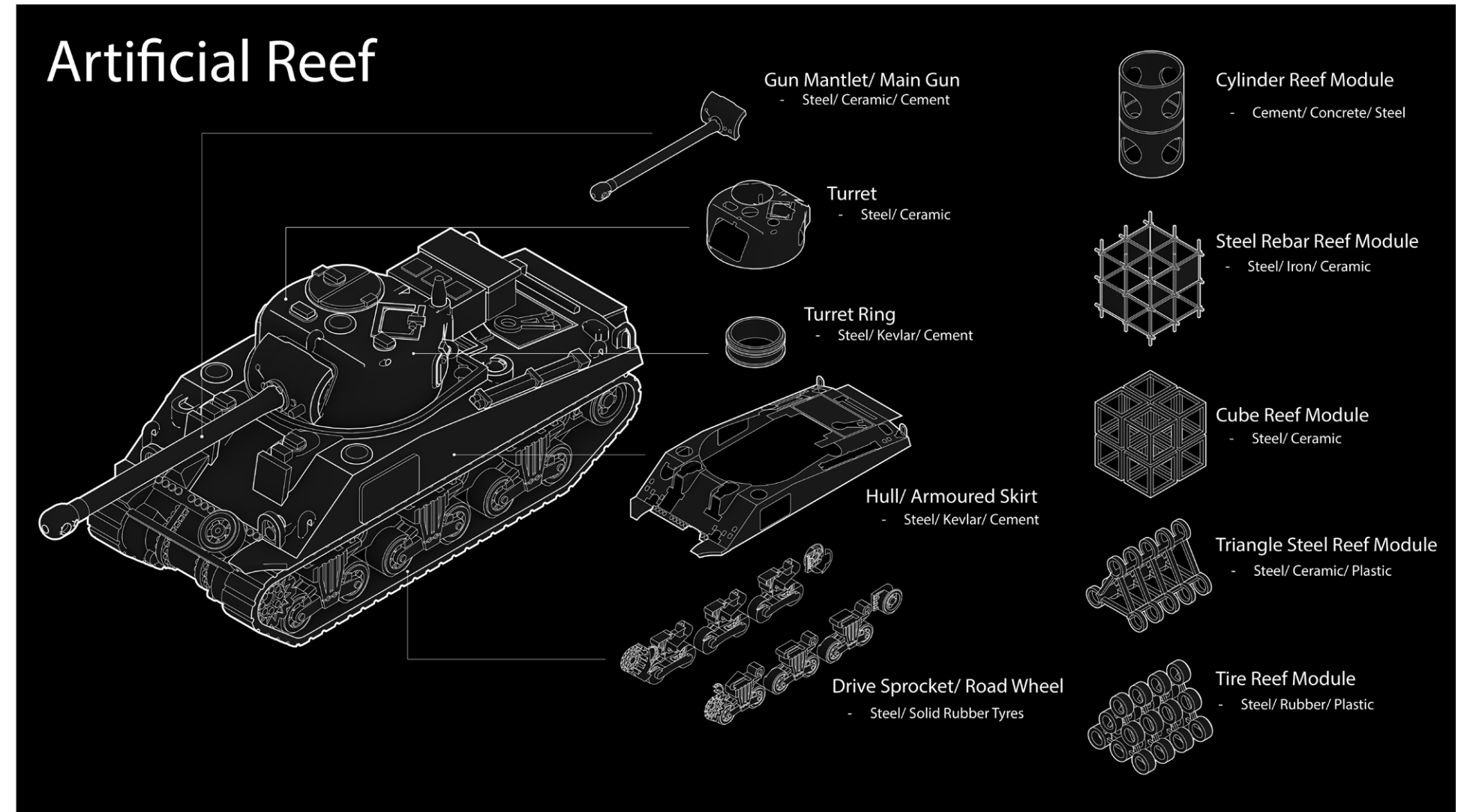
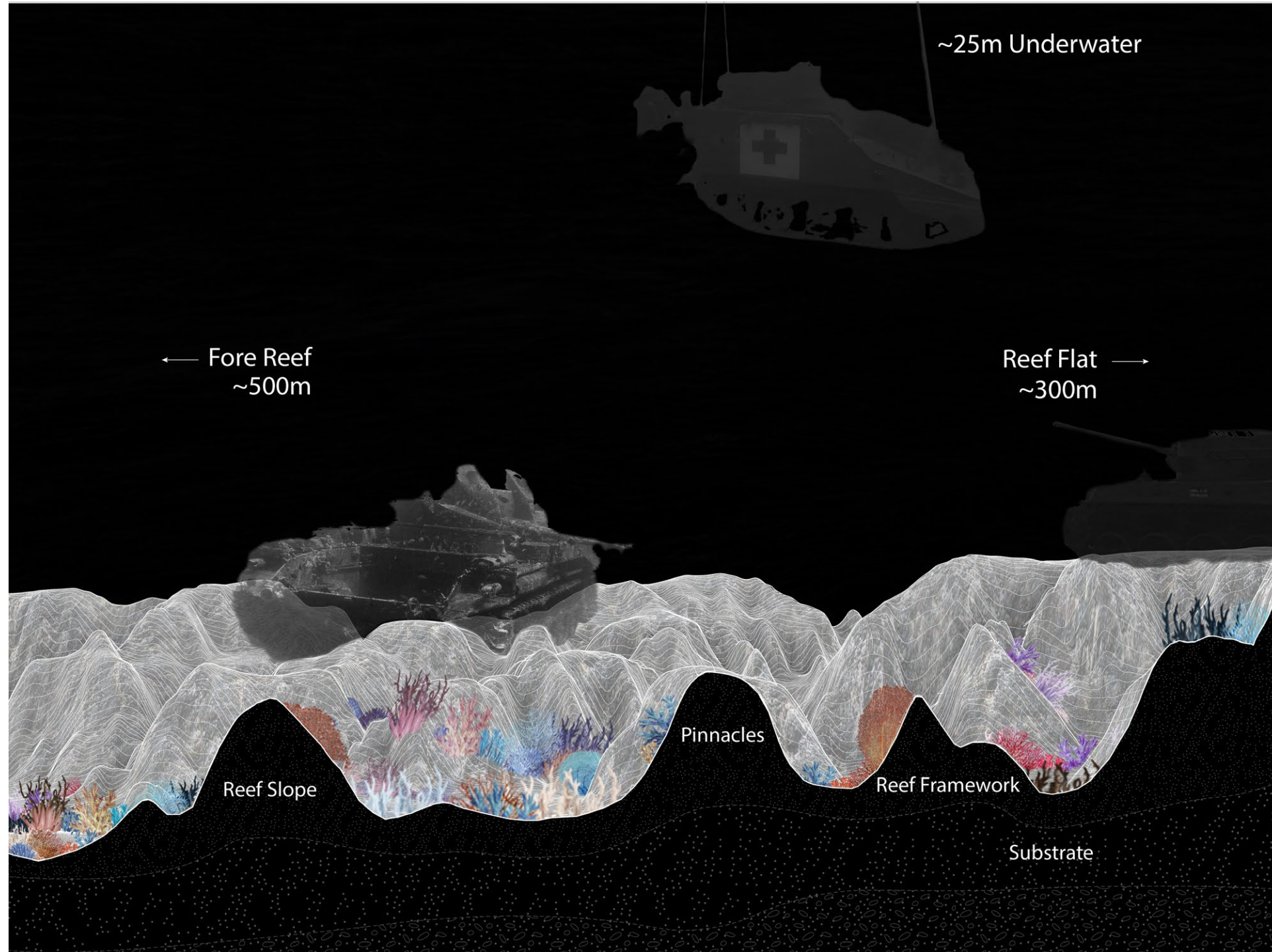
As global warming becomes more severe and causes rising sea water temperatures, global coral reefs have migrated towards subtropical areas. Knowing that an estimated 25% of marine life depends on the coral reef ecosystem, makes restoring the coral environment an urgent necessity. Up till today, many countries have been using armored vehicles as a structure to regrow coral reefs and restore the ecosystem.

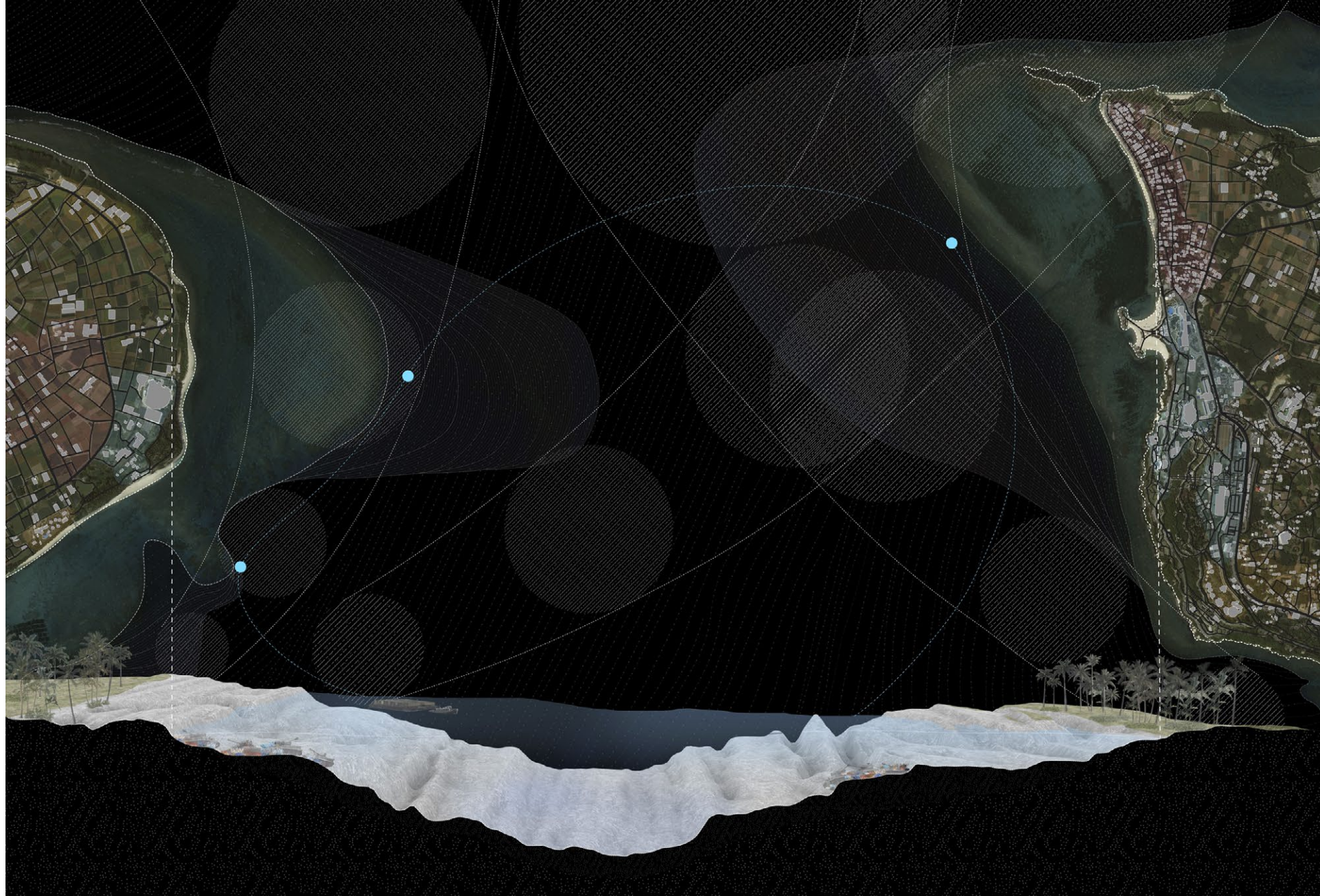
This gesture of using decommissioned destructive weapons as a reparative object to restore the corals has also brought up other questions. What is the value of an armored weapon? While coral migration occurs in many parts of the world, what is the new ecosystem, and how does it affect the original environment?

My architectural interest looks at the process of cause and effect across time and scale. This semester's broad research theme is how island formation is constructed through this hybridization relationship of artificial (large discard) and natural (living organism). Under this broad topic, the research focuses on the trajectorial process of (artificially?) creating the temporal island. A transformative process generates a moving coral reef island that expresses the adaptive effect and reveals the new ground condition.









M4 Sherman Tank

WWII, Korean War, Greek War, Battle of Okinawa, Battle of Iwo Jima

In service: 1942- 1957

Origin: USA

Material: **Metal/ Steel**

Ceramic

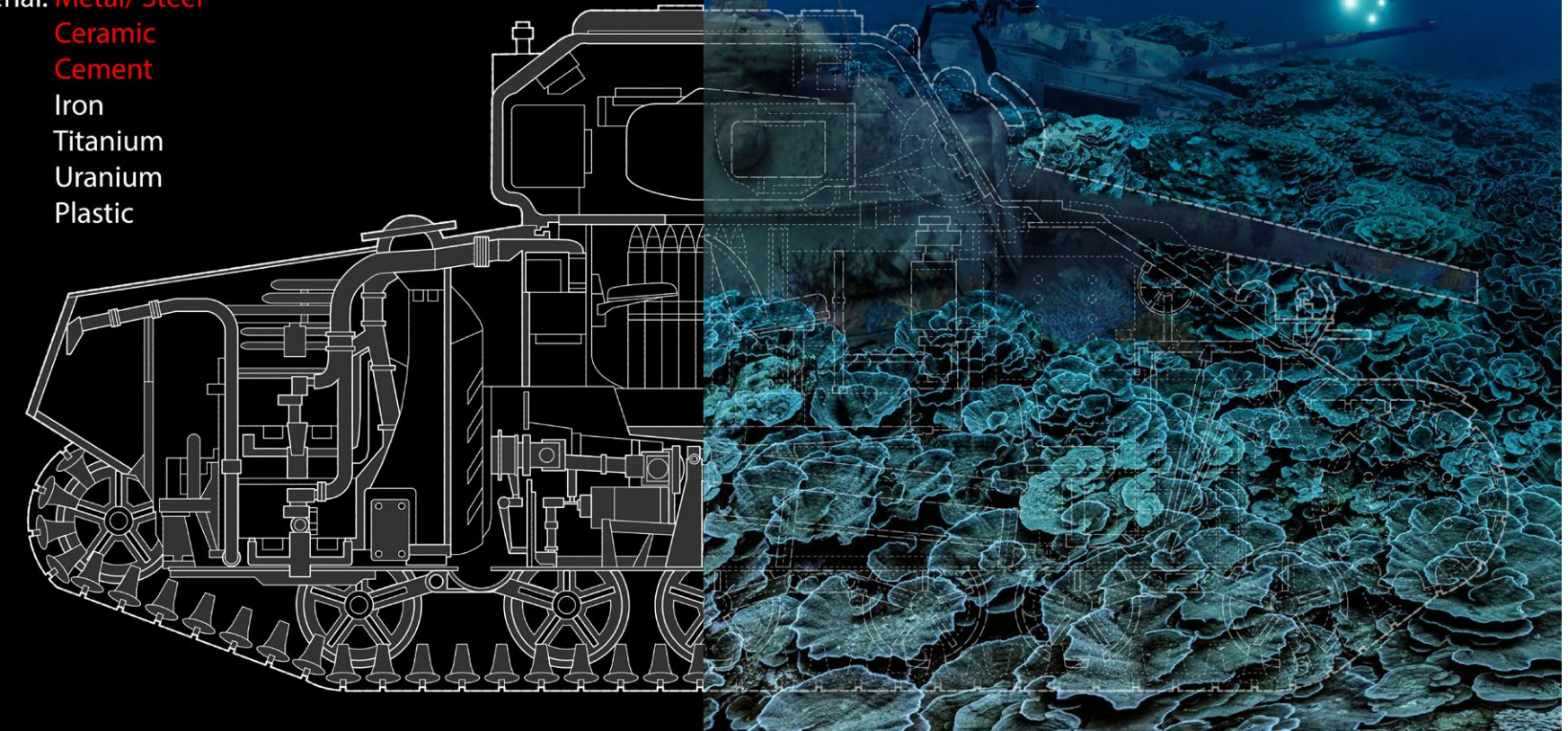
Cement

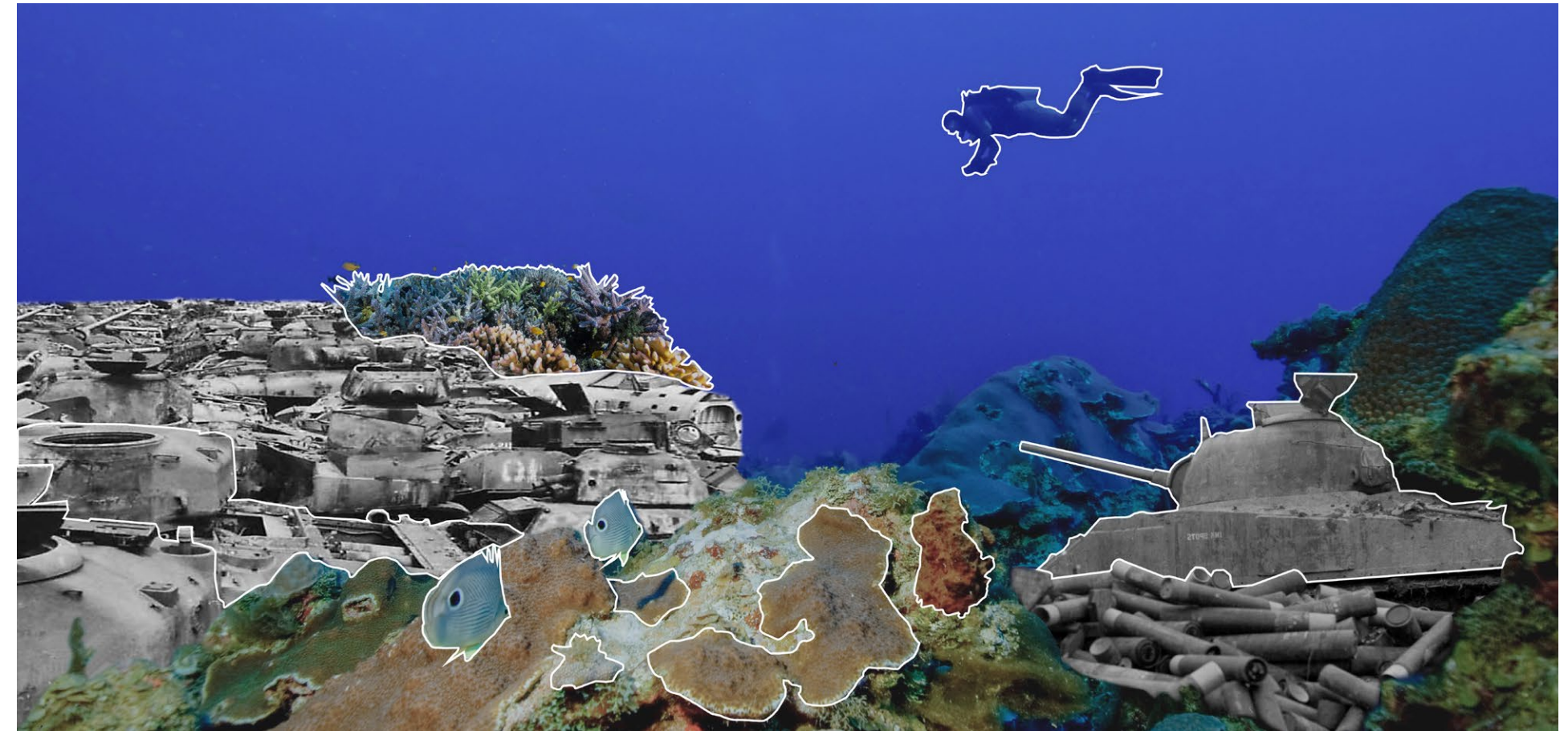
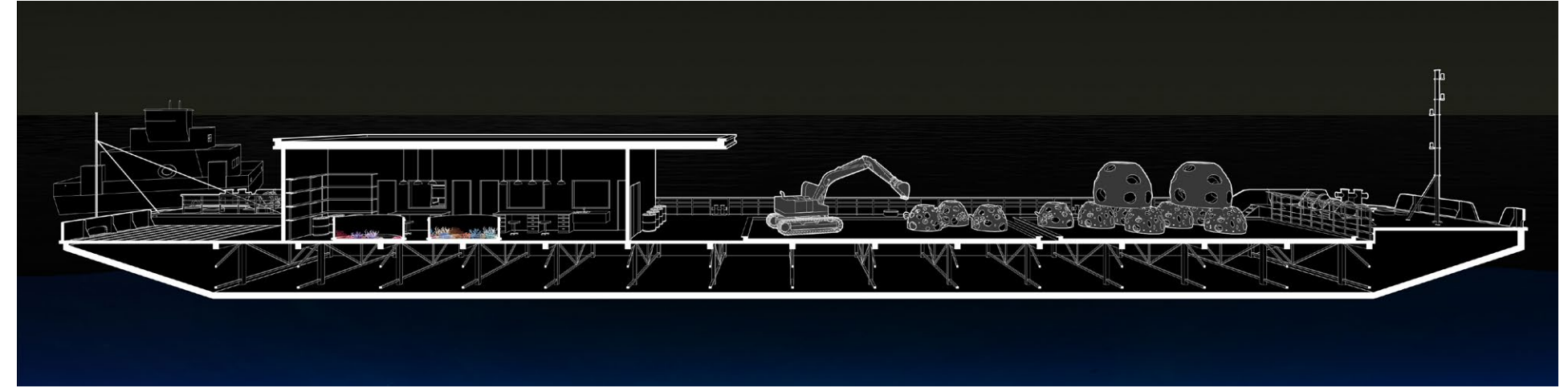
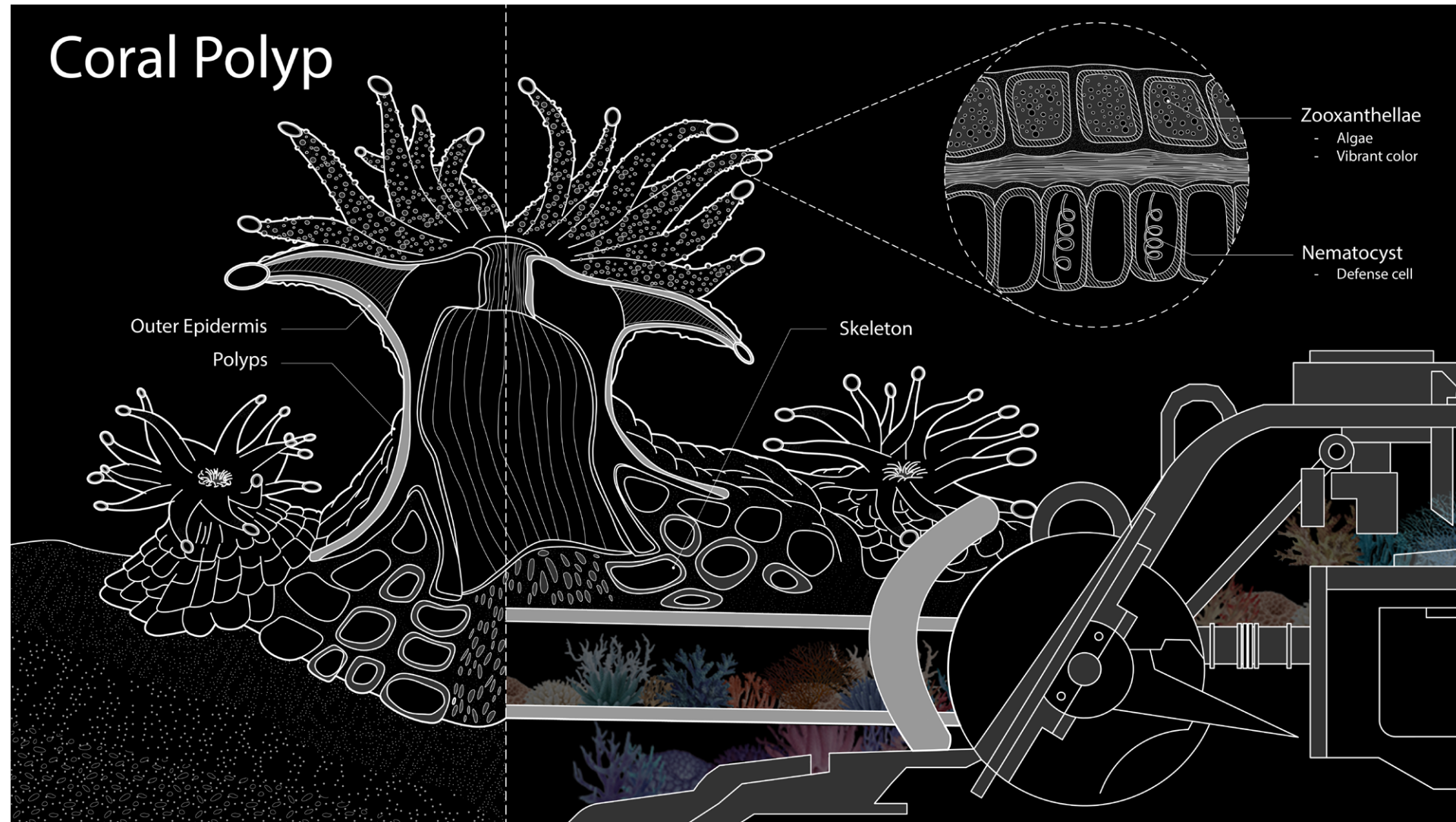
Iron

Titanium

Uranium

Plastic





Techniques of the Ultrareal

Visual Elective

Prof. Phillip Crupi

Fall Semester, 2022

Group Members: Huize Wu, Justin Wan,
Junjie Fu



Seminar of Section

Elective
Prof. Marc Tsurumaki
Spring Semester, 2023

