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# DANWEI PAN

LANDSCAPE ARCHITECTURE + URBAN DESIGN

> SELECTED WORKS 2016-2020

The following collection of selected works is a reflection of my interest in the relationship between people and urban spaces. The success of a design is to make a positive impact on the ways of living, even beyond the boundary of the site. I explore spaces in various scales and forms, spotting potentials and possibilities within common objects, making interdisciplinary approaches between architecture, landscape, and urban fabric.

#### • WELL-HOUSE RENAISSANCE

a wasteland transformation

Location: Shapira, Tel Aviv, Israel
Size: Neighborhood to city scale
Term: GSAPP, Spring 2020
Team: Danwei Pan,
Kuan-I Wu, Tian Hao, Zixuan Zhang
Coordinator: Kate Orff, Geeta Mehta, Thad Pawlowski,
Dilip Da Cunha, Lee Altman,
Adriana Chavez, Julia Watson

Tel Aviv is a coastal city experiencing constant urban heat and seasonal flooding, the southern neighborhoods are the most disadvantaged in the city. Shapira neighborhood is among the ones suffer the most, which exacerbates the chronic stresses of daily life, and makes commuting and outdoor activities more difficult. The neighborhood is also socially fragmented that we see it could benefit from additional social programs that help bring together old and new residents.

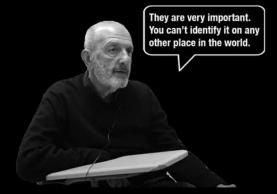
We recognized Well-Houses as a unique feature in Shapira during our field visit. Well-Houses and orange orchards are symbols of Jaffa's history. They catalyzed the agricultural production and enriched social life outside the city in the 19th century. They were elements in the historic landscape of Tel Aviv where water is pumped up and irrigated the famous Jaffa orange field. Later the landscape became urbanized around the orchards, layered up with modern developments. These well-houses became a forgotten landscape today. The 21st Century Well-House has the potential to become a new climate infrastructure, helping neighborhoods confront these issues. The project is about to reimagine the historical Well-House as the future climatic infrastructure for Tel Aviv.

### A Landscape Suffering from Heat and Seasonal Flooding

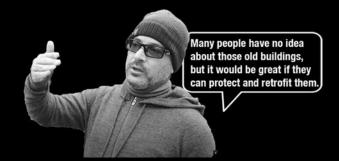
Then Now





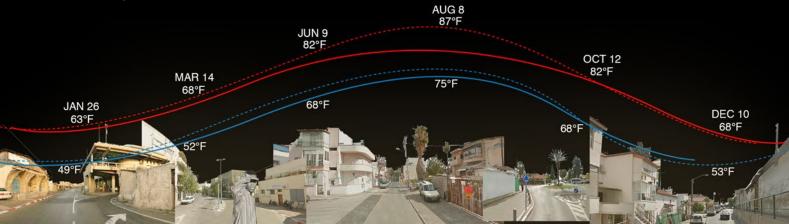


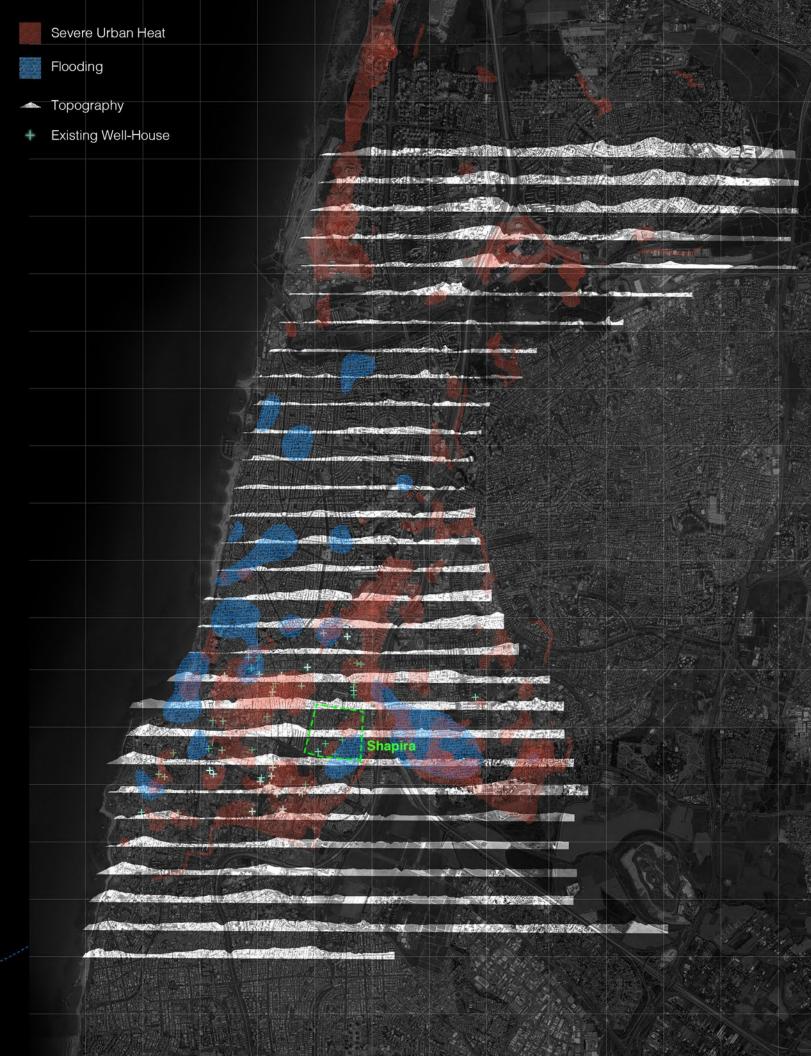
Prof. Amnon Bar 0r
Tel Aviv University
Architect expert in the preservation and restoration
of historic buildings and heritage sites.

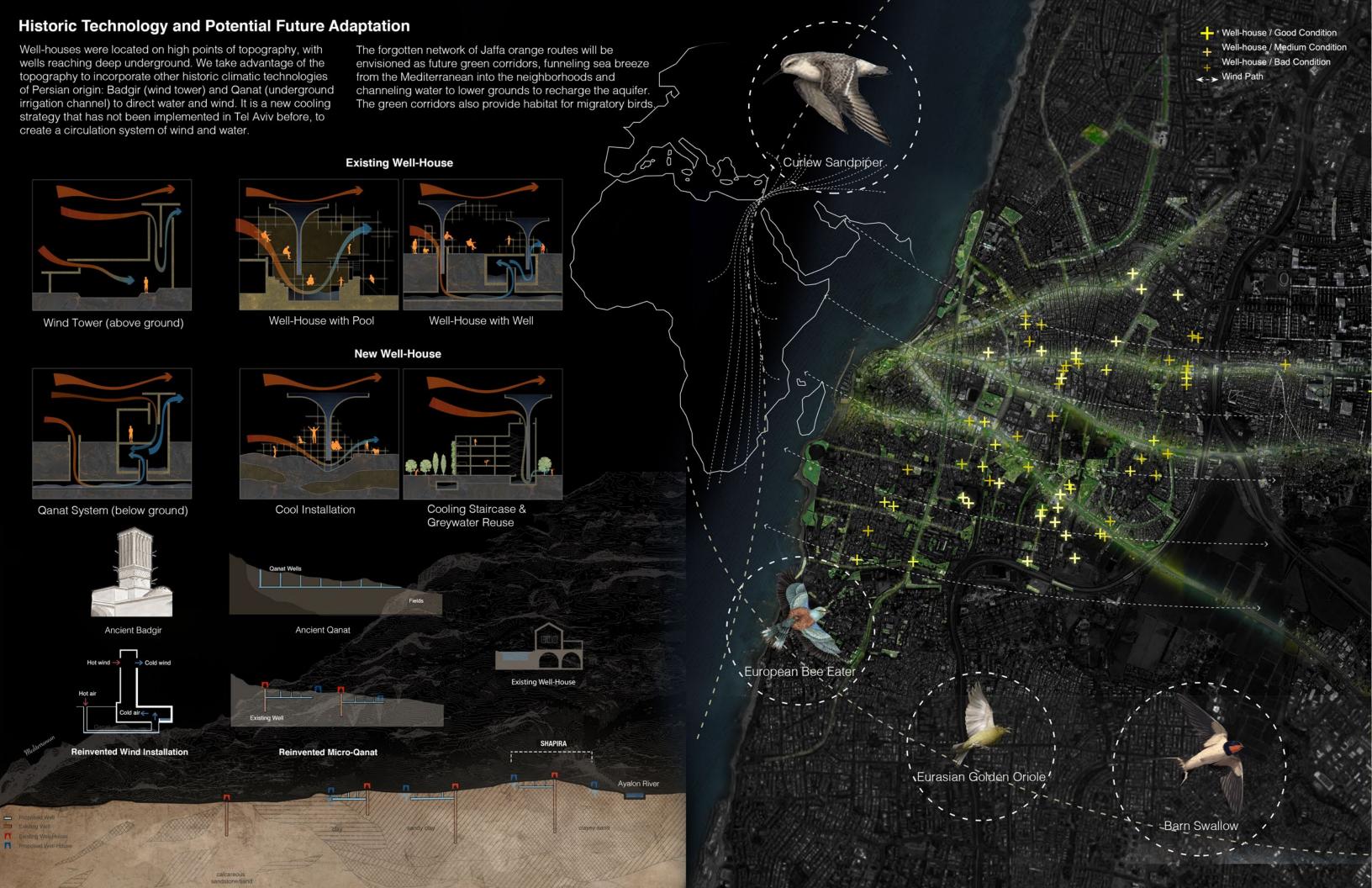


Yonatan Shlomo Local Tour Guides 15 years Resident in Shapira

#### Street View in Shapira





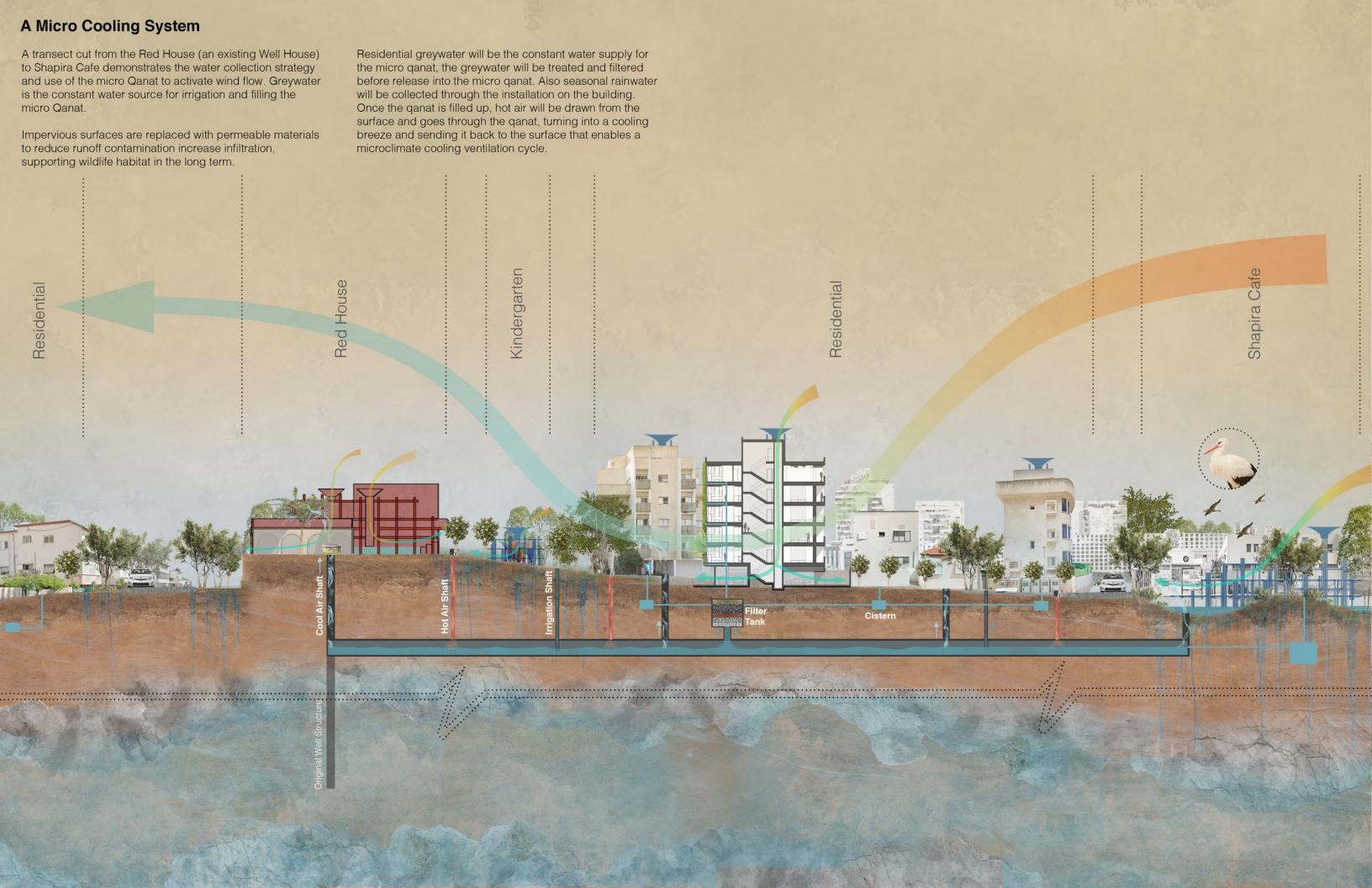














# **0** GREEN IT, CLEAN IT!**2** a wasteland transformation

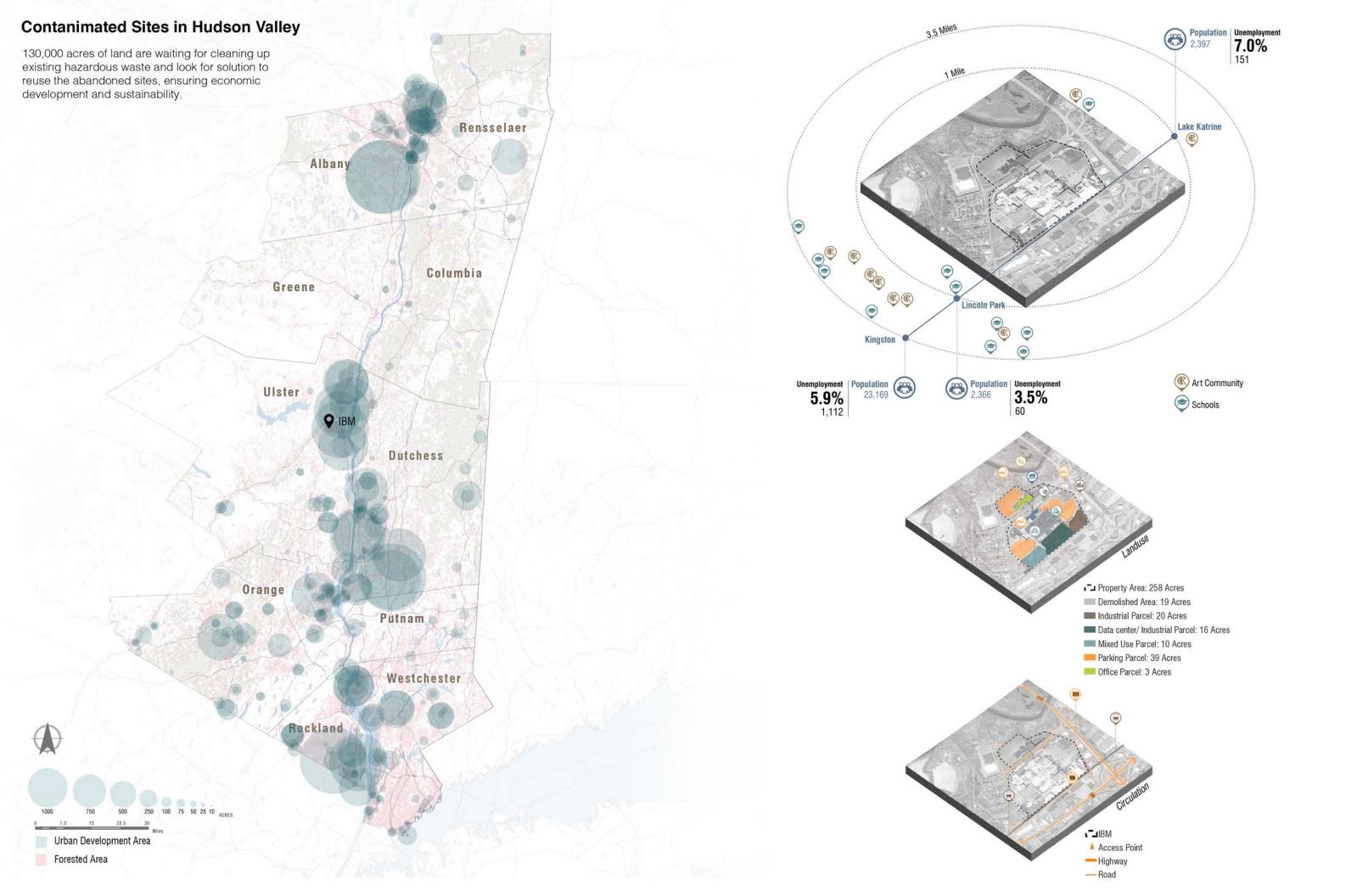
Location: IBM, Kingston, NY Size: 200 acres Term: GSAPP, Fall 2019 Team: Anai Perez, Danwei Pan, Pratibha Singh, Zixuan Zhang Coordinator: Kaja Kühl

Around 130,000 acres of land in the Hudson Valley have been contaminated by the direct and indirect influence of industries. Our project proposes to transform these wastelands into community assets that can tackle contamination, while improving soil health, sequestering carbon and restoring the productivity of the land. This process enables us to open up the site to the people and develop further relationships with the surroundings, providing recreational and economic benefits for the community.

The former IBM manufacturing site north of Kingston was abandoned in 1992. Once an economic engine for Ulster County, the site is now an economic andenvironmental liability.

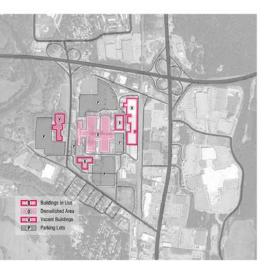
The proposed programs will generate a wide range of jobs in research and manufacturing sectors, as well as low skilled maintenance jobs, supporting the low income and deindustrialized communities and strengthening the local economy. These sites become places for continued research and education about nature as an enabling infrastructure.

Video:https://vimeo.com/380158487



#### Concept & 100 Year Timeline

The original layout of IBM had an isolated structure in the center, surrounded by parking lots, cutting down the relationship with the neighboring lands. The project concept is to create an inversion of a central piece of landscape, bridging the adjacent land use with its extended corridors. It acts as an armature to hold potential programs and clean up the polluted area at the same time.

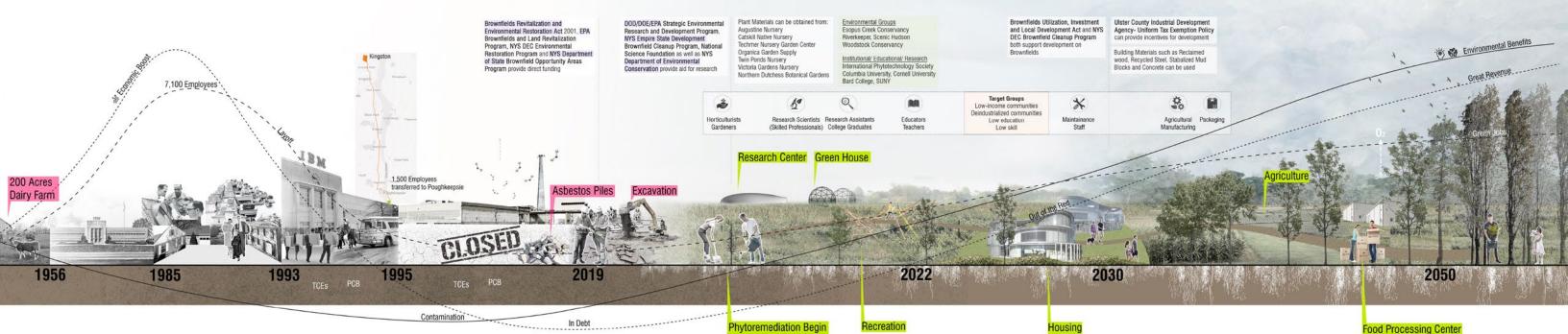


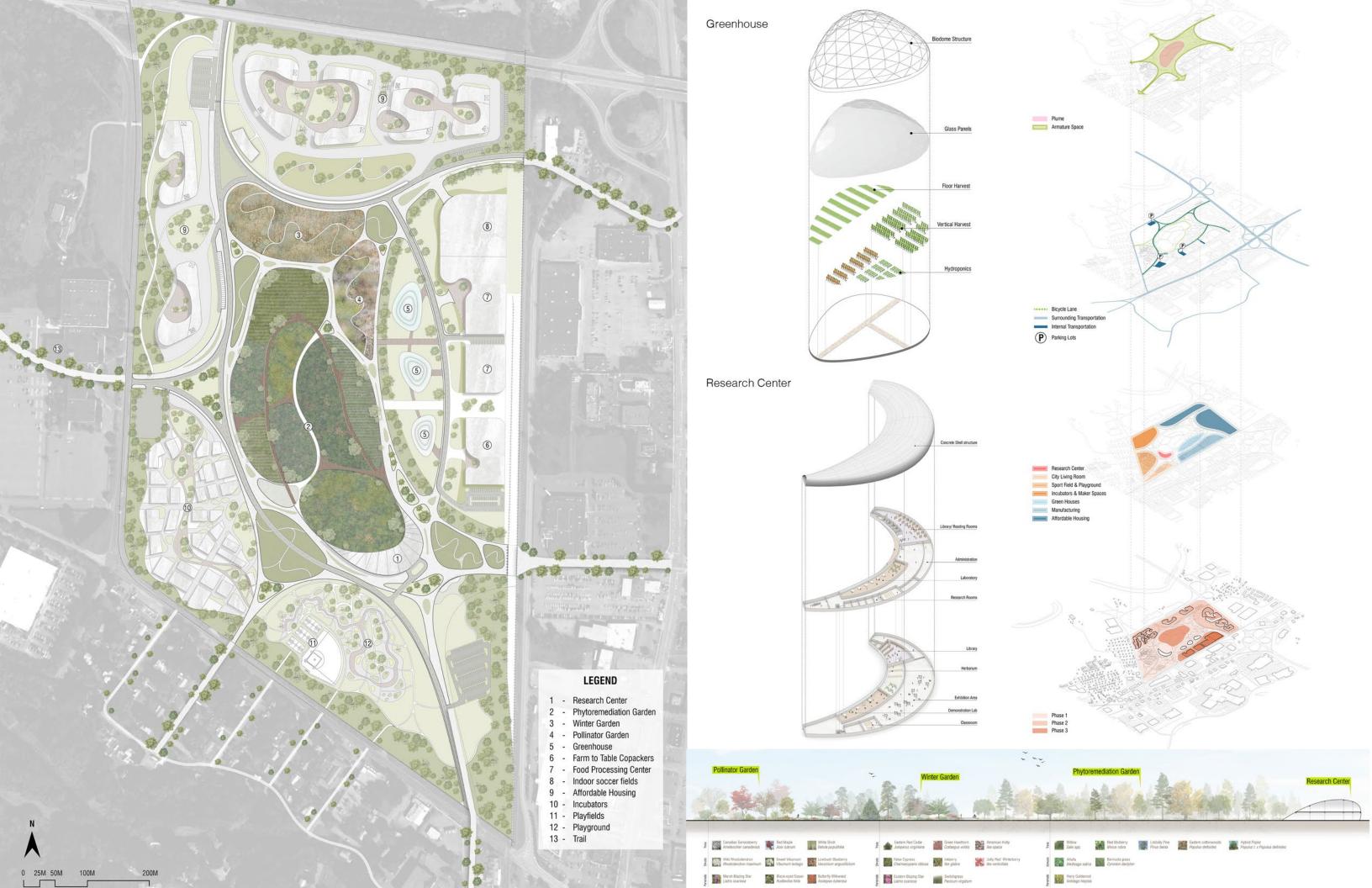














# SUNSET BAZAAR

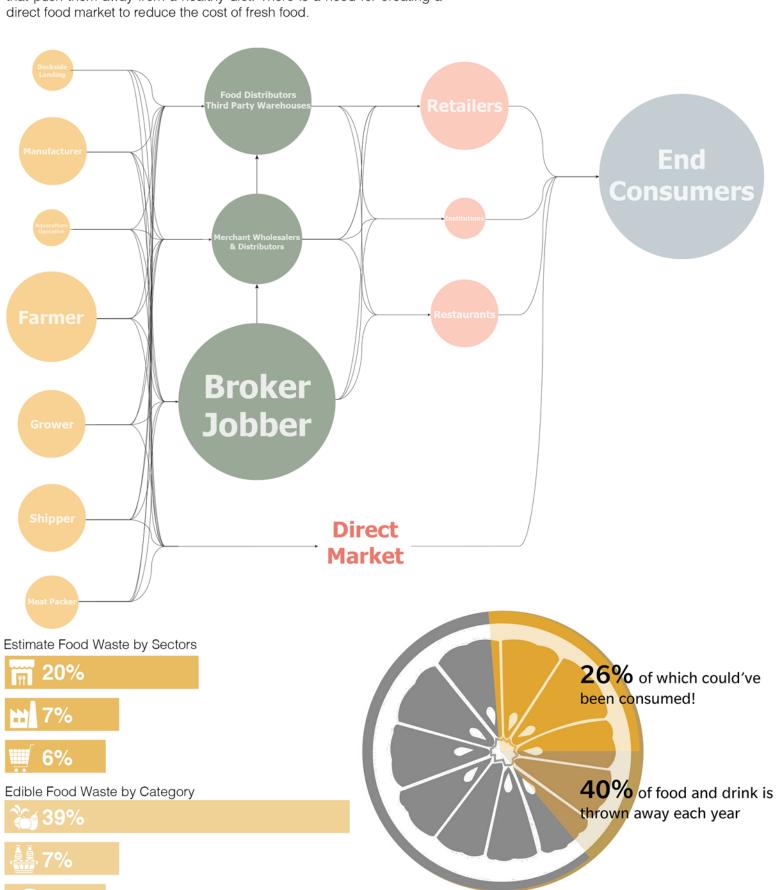
a sustainable healthy food market

Location: Brooklyn, NY Size: 3 acres Term: GSAPP, Summer 2019 Team: Danwei Pan Hugo Bovea, Sharvari Raje, Yuan Qin Coordinator: Nans Voron, Tricia Martin, Sagi Golan

Sunset Bazaar is a proposal to introduce a new system within the existing food network in Sunset Park, NY. A startling 30% of the population is facing food insecurity and receiving SNAP benefits, and 92% don't have a healthy diet. This proposal seeks to create a secondary network to bring affordable fresh food to the neighborhood and a food hub for social engagement. The food is brought directly from using the existing railroad infrastructure and fresh unsold food is also sourced from local suppliers at a lower price. The Market is located under the Gowanus Expressway, where all the food is collected, processed, sold and distributed. The market builds up as a different experience that binds grocery shopping with socially interactive spaces, creating a platform for people to exchange and share, building a collective sense of security and erasing the stigma of receiving food stamps.

#### Food System & Sunset Park

The Supplemental Nutrition Assistance Program (SNAP), or food stamps, helps people with limited income buy food. However, the quotas of SNAP that families receive in Brooklyn are not enough to meet the monthly needs that push them away from a healthy diet. There is a need for creating a direct food market to reduce the cost of fresh food.





8% Citywide



22% Citywide



20% Citywide

# Cost of food

in Brooklyn

\$ 1,395/ Month

# **SNAP** allowance

in Brooklyn

\$ 649/ Month



36%
don't have access to food within walking distance



process food is preferred it lasts longer and it's cheaper



**60.1%** of

have

Household

**92%** in Sunset Park dor have a healthy die



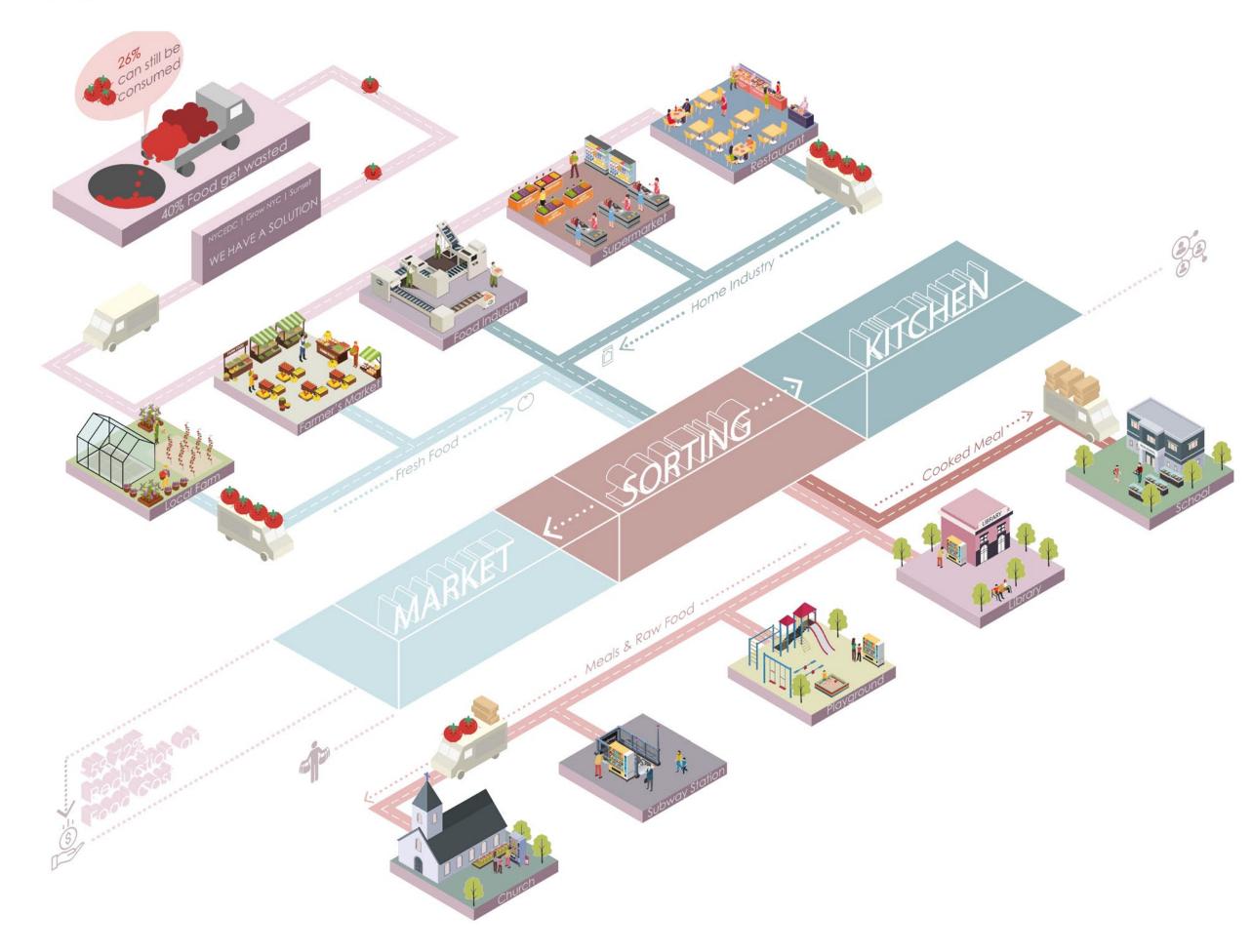
a stigma of shame attached use SNAP cards

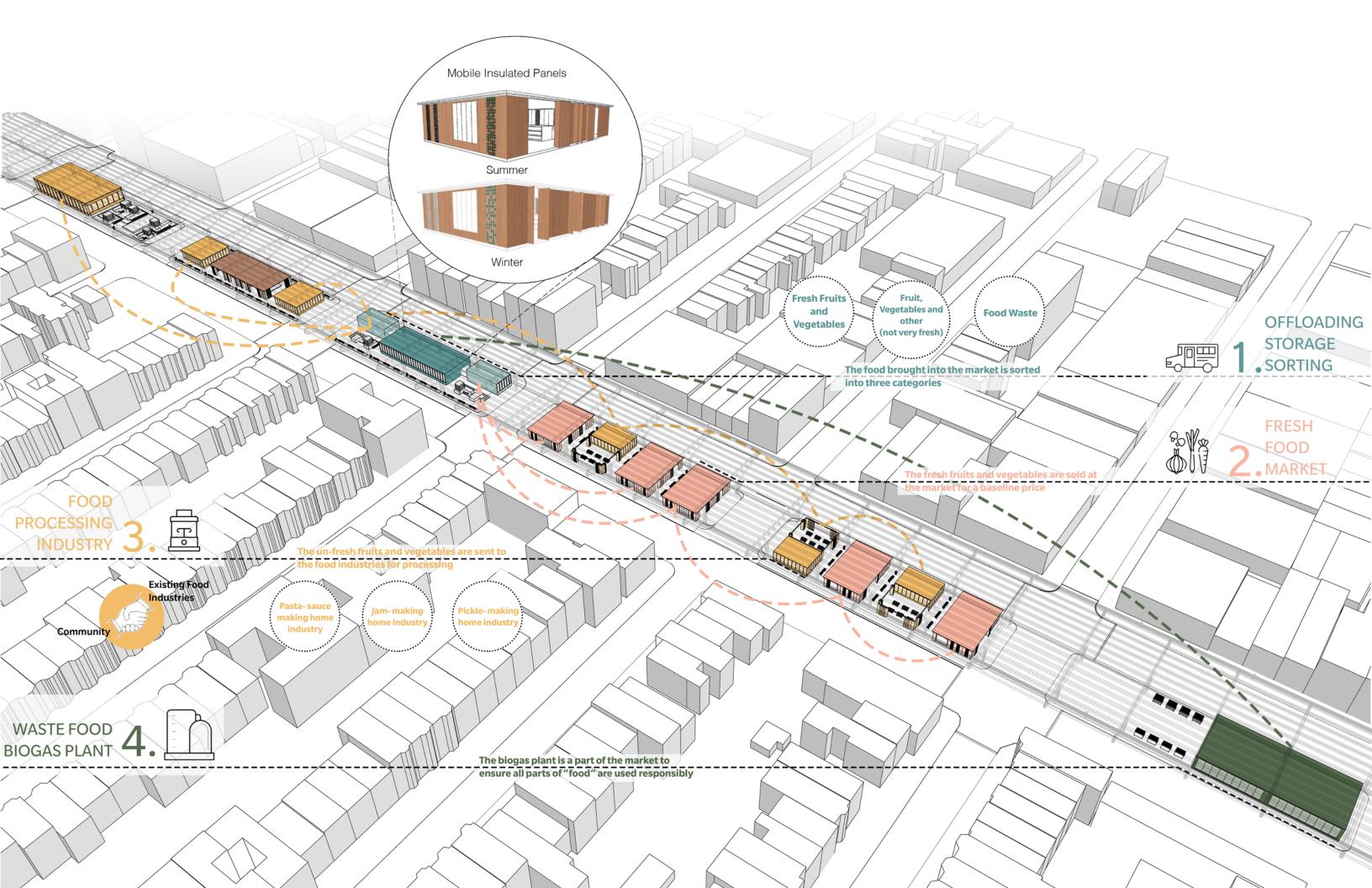


A Need for Healthier Diet

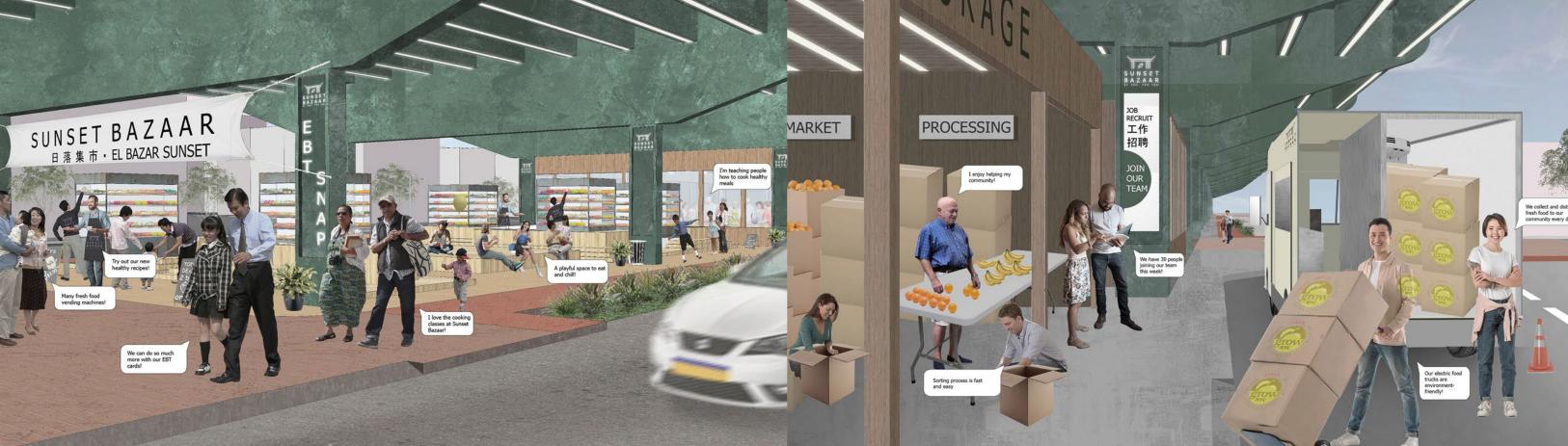


**Supply & Distribution Network** 



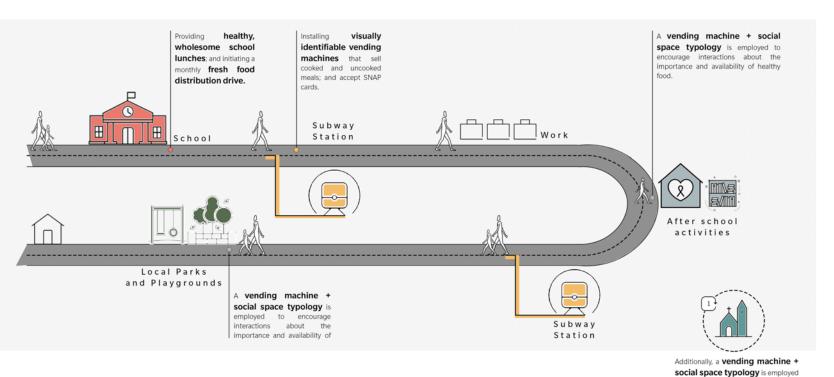






#### **Extending the Consumer Network & Branding**

Sunset Bazaar consists not only the market, but also incoporate various ways to make healthy food and meals more accessible in the neighborhood. To inceased healthy food diet and customer reach, we design branding for the market.











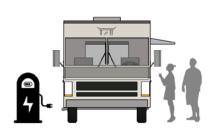




about the importance and availability of

healthy food.

















#### Preface

In 1852, the New York Daily Times commissioned a 31-year-old Frederick Law Olmsted to conduct an immersive research journey through the Southern slave states. The country was headed toward civil war, and the paper dispatched young Olmsted for his ability to reveal the cultural and environmental qualities of landscape in a narrative voice. Today, landscape architecture, urban design, and planning—disciplines Olmsted helped to shape—continue to grapple with the economic, political, and ecological conditions rooted in systems he documented so vividly 165 years ago. This seminar investigates the relationship between major contemporary issues in urban discourses with the documented conditions of cities in Olmsted's 1861 book, Journeys and Explorations in

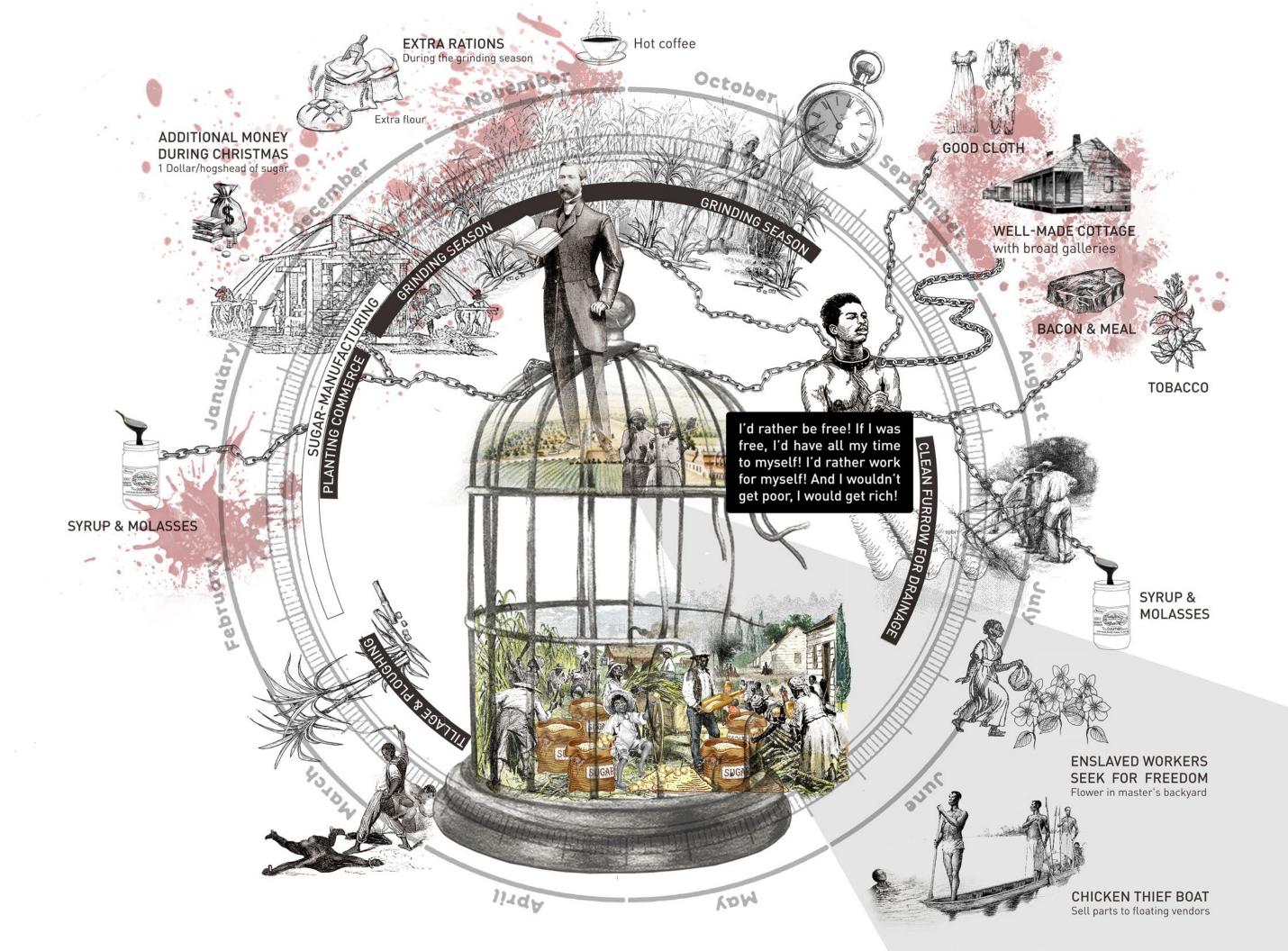
the Cotton Kingdom. The seminar positions Olmsted's journey not only as source material but also as methodological proposition, in reflection on the significance and methods of research and representation in design practice.

- **0** A Romanticized Landscape
- 4 Uncovering the truth of enslaved history

Location: St. Charles Parish, Louisiana Size: 1,200 Acres Term: GSAPP, Spring 2020 Team: Danwei Pan, Menghan Zhang Coordinator: Sara Zewde

The sugar plantations exhibit a landscape complex of distinctive visual settlement features. Long, straight ditches divide the fields, laying perpendicularly to the Mississippi River. Olmsted introduces Fashion Plantation as a romanticizing version of the slave plantation, making light of the condition of forced, enslaved life.

Today, many parishes along the river still reflect how the plantation influenced the landscapes and the economy. What remained on these lands were largely replaced with suburban real estate development. People prefer not to show the cultivation activities and slavery are central to this history. The master mansions remaining today are used for tourist attractions. The architecture of the suburban homes is also modeled after the master's mansions. The parishes were only adding signages that only document the name of the plantation and plantation owner if the plantation no longer exists. Memories can't be traced and the collective memory of the enslaved workers once living on these lands is missing. The methods of remembrance were homogeneous and were fantasizing about the landscape. Real estate shouldn't be developed at the expense of covering up the history and wiping out diversified memory, but instead, finding a juxtaposition between the past and current that makes the memory of this place last.







# PHOTOGRAPHY

light, people and space

Location: Manhattan, New York Term: GSAPP, Fall 2019 Team: Individual Instructor: Michael Vahrenwald

The series of photographs document my use of light or color to elevate the subjects of photography, from adding significance to the un-significant, making the everyday monumental, to highlighting one aspect of a place over another. Both the exterior and interior of space will influence the way people interact with it, my job is to capture these tiny moments.

### Light

The spaces between architectural form are the manmade crevice which allowing transformation to happen, from light to shadows, from warmth to coldness, going back and forth.



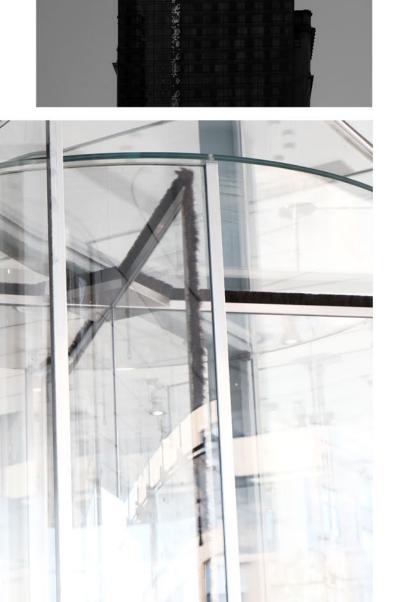




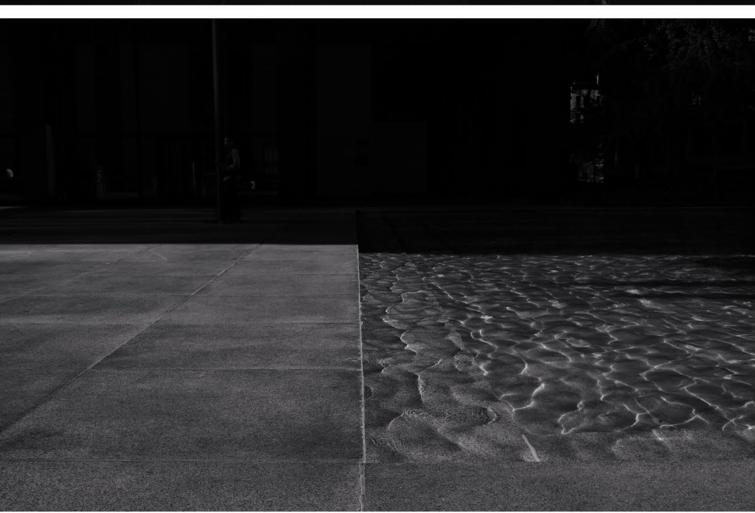






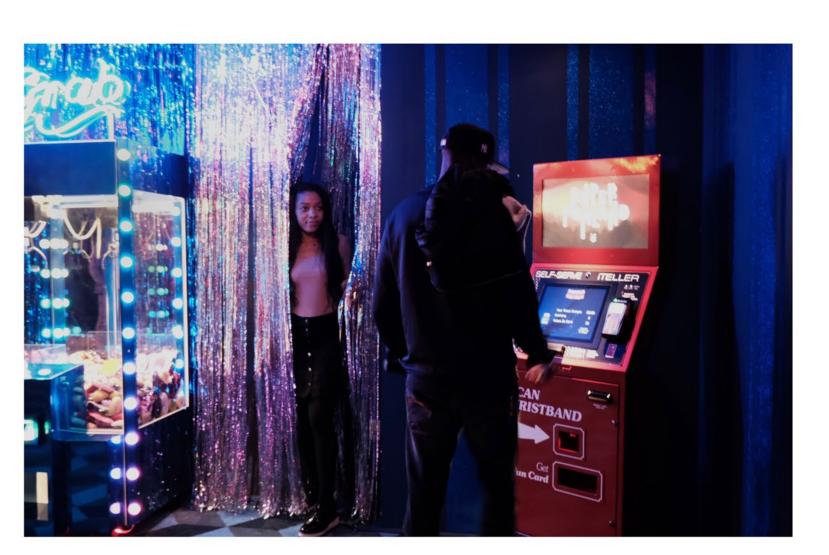


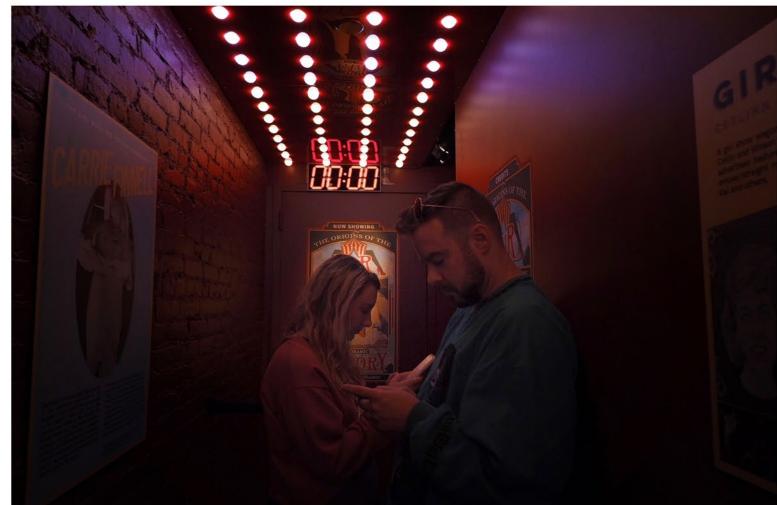




### People

A creative space is where people who inhabit it to change the way they behave.







### Space

The natural and manmade spaces are closely related to each other. Designing a shared space for both is a goal.







