

XINYAN HE

SELECTED WORKS | 2022-2025

MASTER OF ARCHITECTURE

COLUMBIA GSAPP

XINYAN HE

xinyanhe.com

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EDUCATION

Columbia University
New York, NY | May 2025

Master of Architecture
Avery Scholarship 2022 - 2025

School of the Art Institute of Chicago
Chicago, IL | May 2017

Bachelor of Fine Arts
Major: Architecture Minor: Photography
SAIC Merit Scholarship 2013 - 2017

EXPERIENCE

Wallin Gomez Architects
Architectural Designer
Aug 2021 - Jun 2022
Chicago, IL

Prepared comprehensive architectural drawings for client reviews. Enhanced visual presentations through digital modeling and renderings, elevating project communication. Led and collaborated on several commercial renovation projects, managing both individual tasks and team efforts throughout the design process.

Zpd+a
Architectural Designer
Sep 2016 - Jul 2021
Chicago, IL

Revitalized BCBS projects by developing and iterating multiple adaptive reuse schemes, enhancing both function and aesthetics. Prepared detailed drawing documentation for all project phases, ensuring compliance with relevant codes and regulations. Managed project schedules to ensure timely delivery.

Kerry Hill Architects
Intern
Jan 2016
Shanghai

Participated in the design process for the Amanyangyun resort project, collaborating on key architectural details. Assisted in revising architectural drawings, refining design details for project implementation. Created and supported the development of several design presentations for client and project reviews.

ACADEMIC

Columbia University
Graduate Teaching Assistant I & II
Jan- May, Sep - Dec 2024
New York, NY

Guided students in Core Studio I & II, offering mentorship through desk critiques, workshops, and project reviews. Partnered with the course instructor to refine studio objectives and support individual student progress. Fostered analytical thinking and creative problem-solving in a collaborative studio environment.

Chicago Architecture Biennial
Exhibition Participant
Nov 2022 - Jan 2023
Chicago, IL

Collaborated with Office for Urban Experiments on the exhibition "Pullman: Conscious Revitalization of the Overlooked," focusing on revitalizing overlooked urban areas. Contributed to the design, curation, and documentation of the exhibition while highlighting the Pullman neighborhood's cultural and historical significance.

Illinois Institute of Technology
Guest Critic
Aug 2020 - May 2022
Chicago, IL

Reviewed student projects and provided constructive feedback to guide their design process. Assisted students in developing their projects throughout the semester, offering insights to help refine concepts, improve execution, and enhance overall project outcomes.

SKILLS

Design
Branding
Digital Photography
Freehand Drawing
Model Making
Video Editing

Tools
AutoCAD, Autodesk 3ds
Max, Adobe Creative
Suite, Grasshopper,
Revit, Rhinoceros,
SketchUp, V-Ray

Soft
Critical Thinking
Culture Building
Mentoring
Problem Solving
Teamwork

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ACADEMIC

COLUMBIA GSAPP



CONTINGENCY PLAN

Reinterpreting historical landmark preservation through incremental rehabilitation

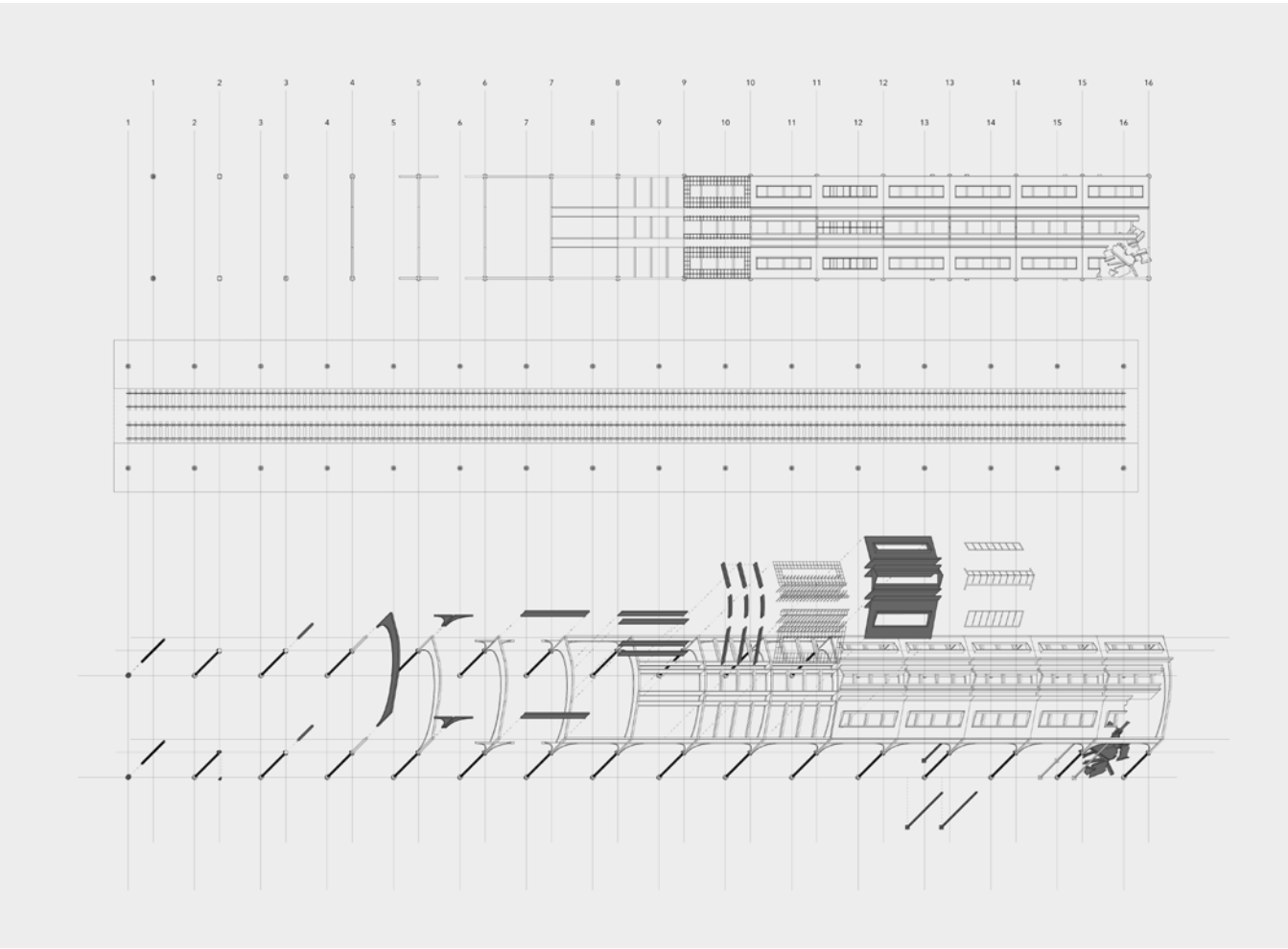
Adv IV Studio | Prof. Mimi Hoang | Spring 2024

Collaborator: Seong Hyun Leem

CONTINGENCY PLAN

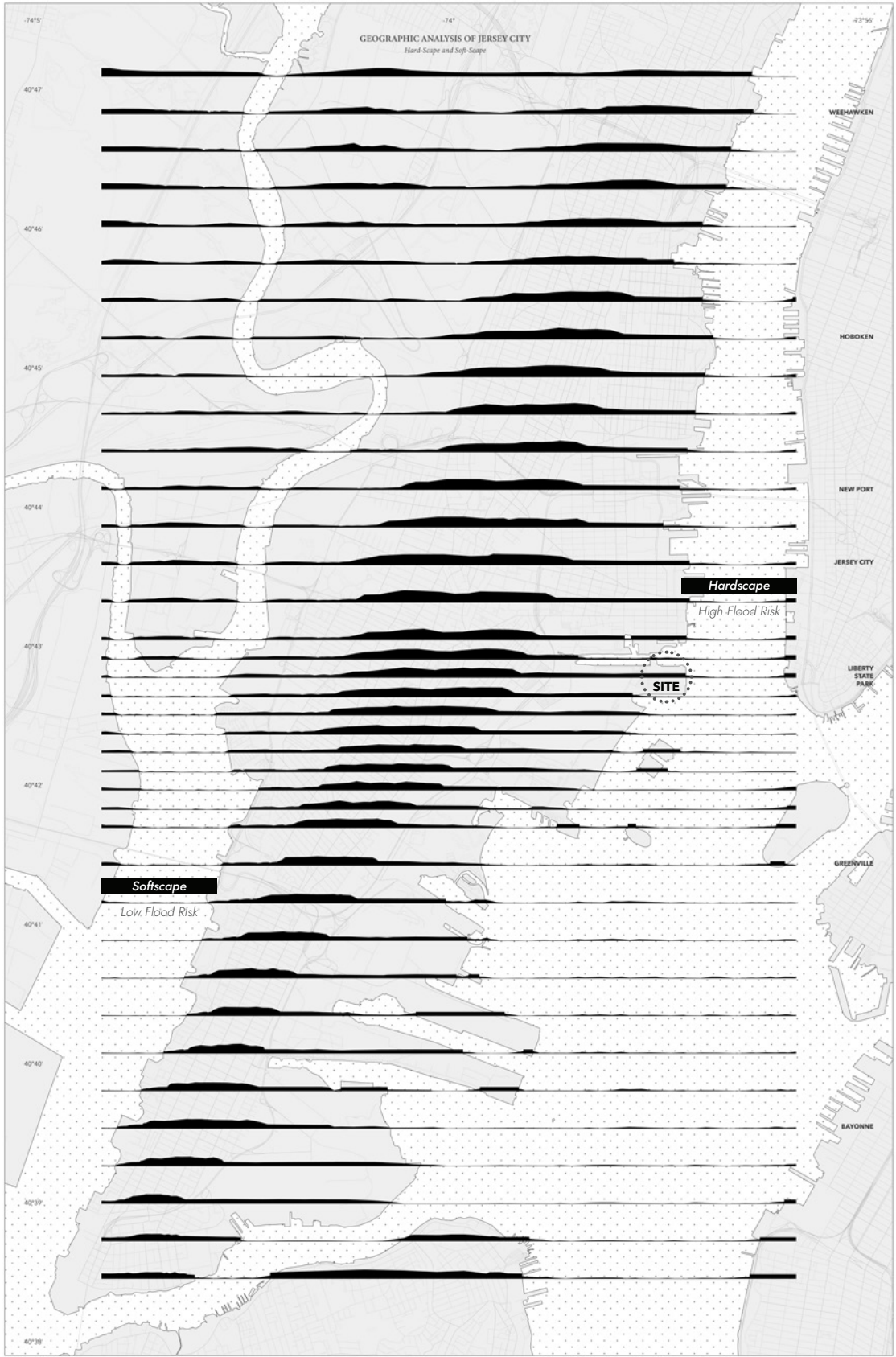
The “Contingency Plan” emerges as a proactive response to the inevitable rise of sea levels, expected to ascend up to 10 feet in the next century due to current carbon emissions. The goal is to incrementally re-appropriate abandoned structures, navigating the ever-evolving landscape with adaptability at its core. The focus extends beyond mere physical restoration, aiming to prolong the life cycle of historical landmarks by integrating them into the wild. By introducing tectonics as a means of controlled demolition and selective reinforcement, ground conditions and wetness are programmed to create estuaries, diverse recreational accommodations, and ecosystems, thereby extending the coastline’s life cycle.

Intervention in the abandoned train shed is justified through temporal elements and incremental rehabilitation, preserving its historical significance while accommodating the shifting landscape. The concept unfolds through a phased construction approach, guided by principles of incremental rehabilitation and controlled intervention. Instead of a single, monumental undertaking, the construction strategy progresses in meticulously planned stages to anticipate the site’s imminent submergence, allowing adaptability to evolving conditions. This symbiosis of preservation and adaptation aims to create a living monument that evolves over time, bearing witness to the passage of history and the resilience of human ingenuity.



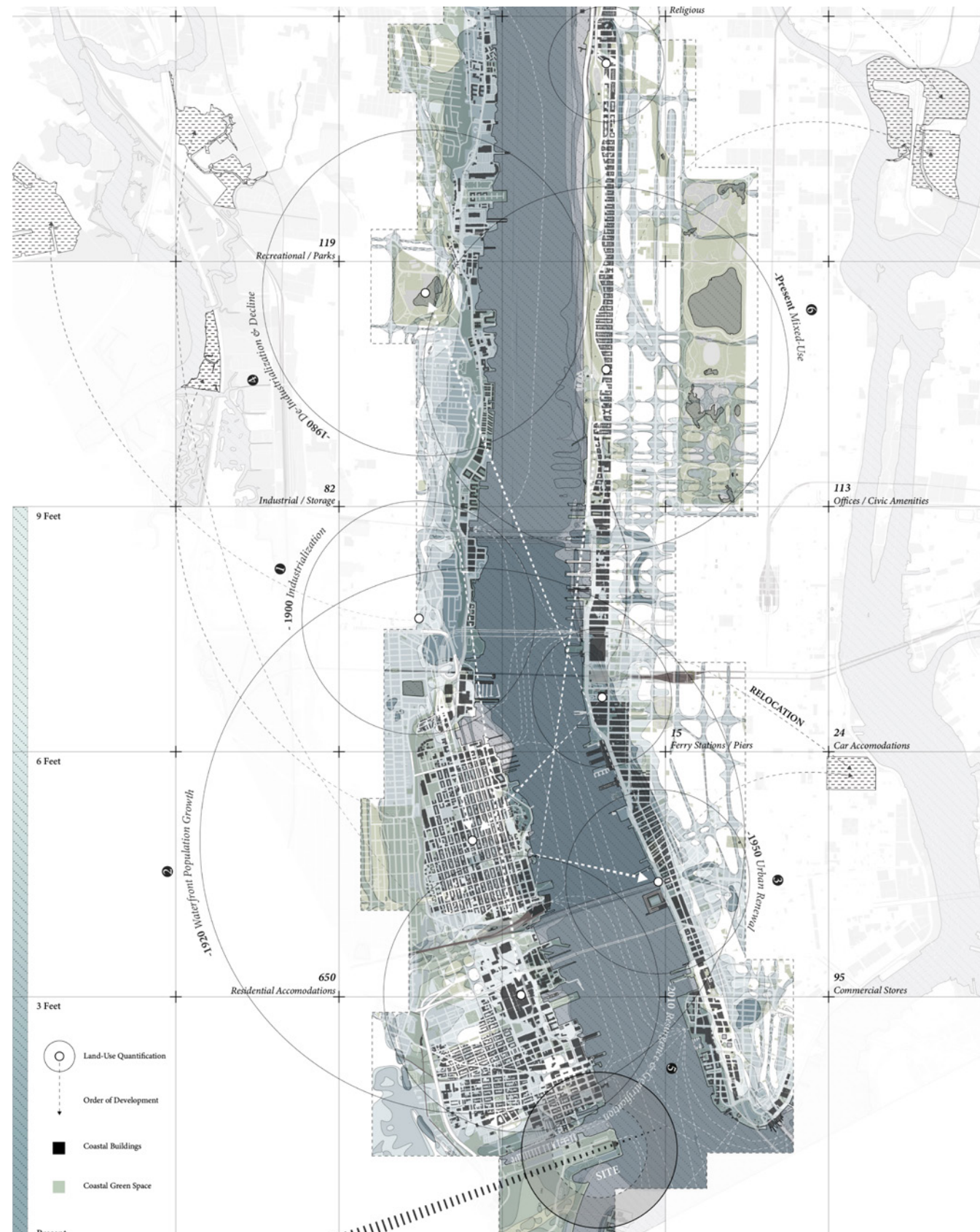
Temporal Elements of the Abandoned Train Shed

The exploration of the temporal elements and modular construction components of the abandoned Jersey City train shed, incorporating a timeline from its construction to its abandonment, highlighting the interplay between time and its structural design



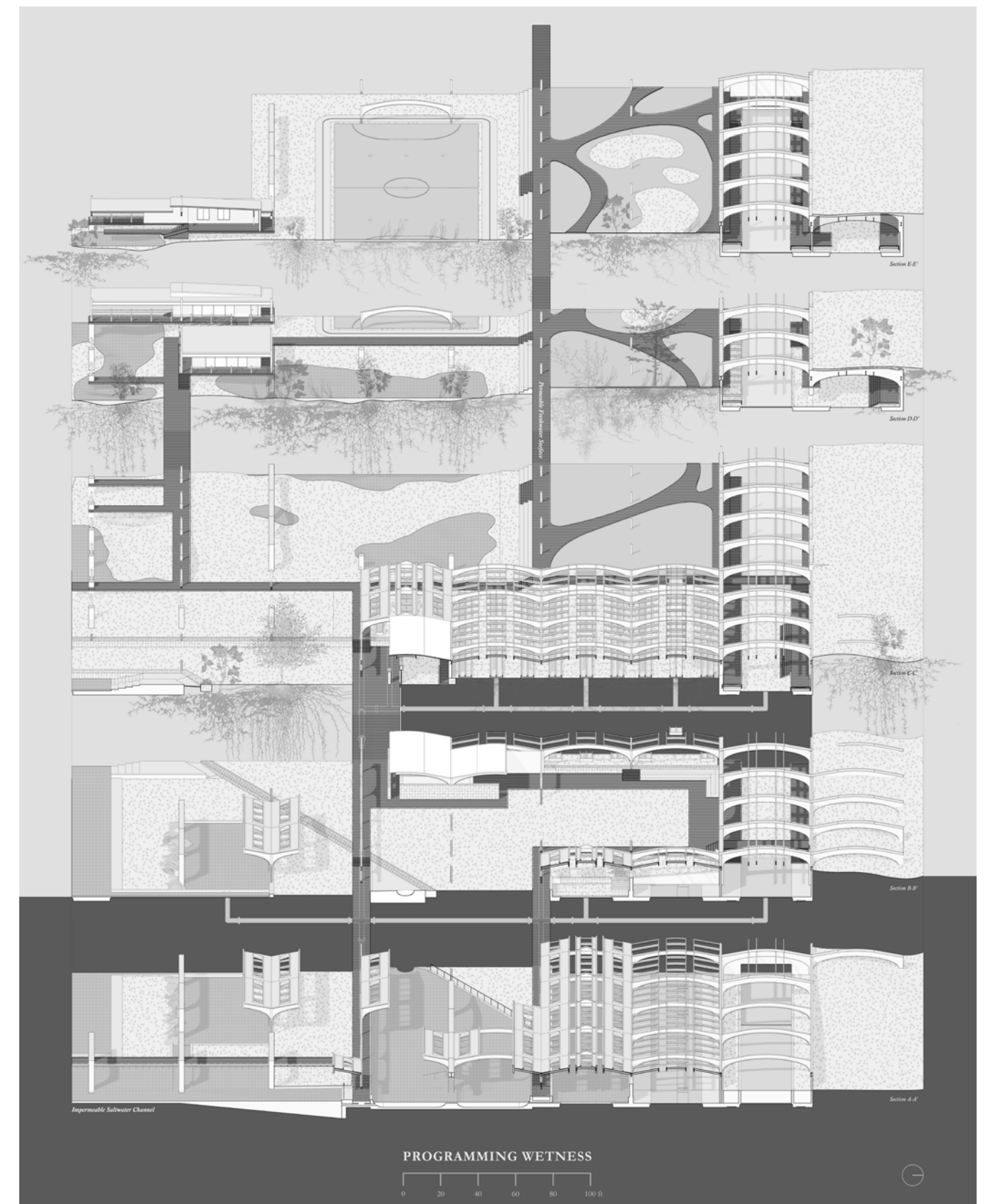
Geographical Analysis of Jersey City

This geographical map of Jersey City reveals that the man-made hardscapes on the edge of the Hudson River in Jersey City are at a higher risk of submerging due to sea level rise, providing a geographical analysis of the area’s vulnerability to future flooding



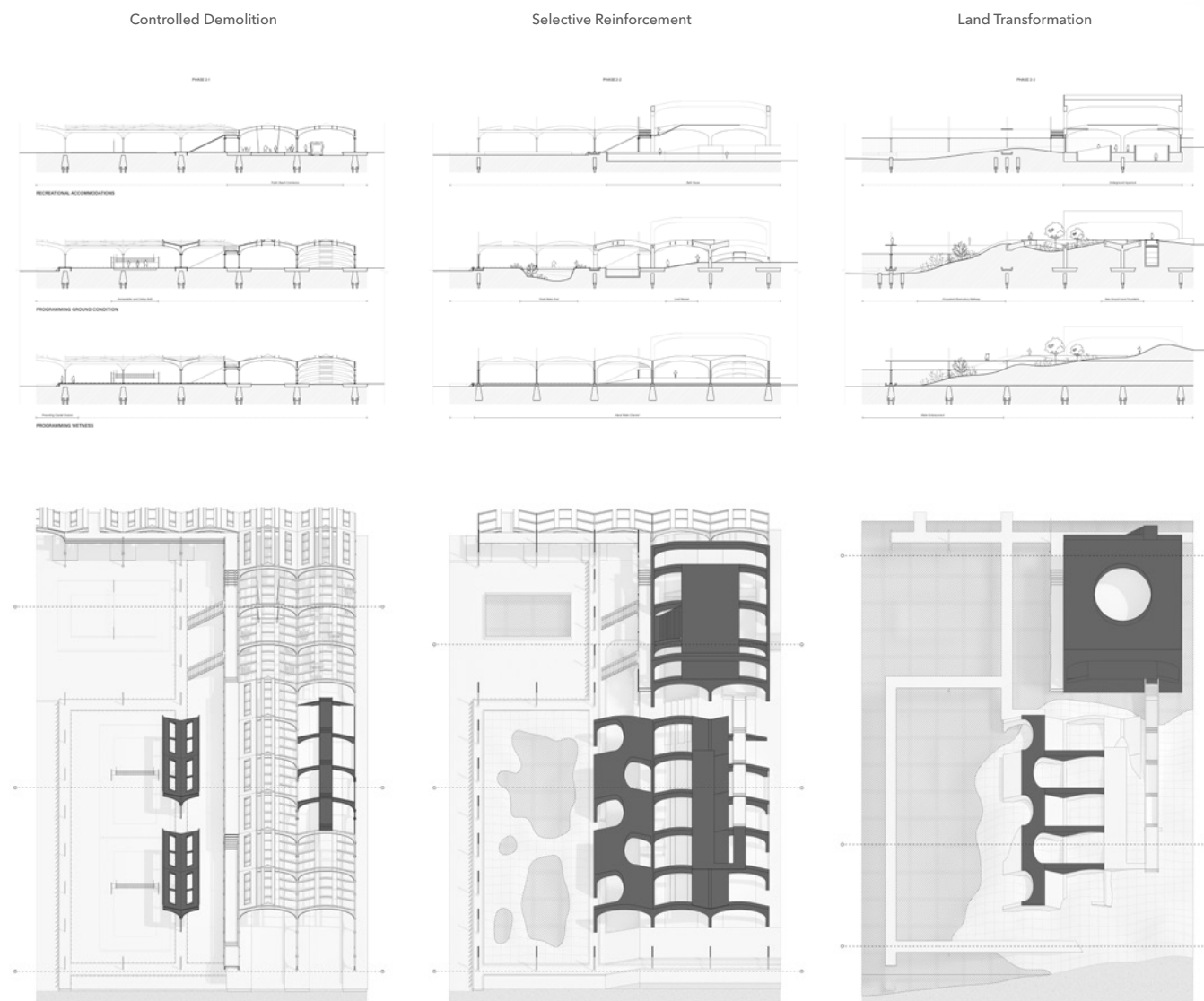
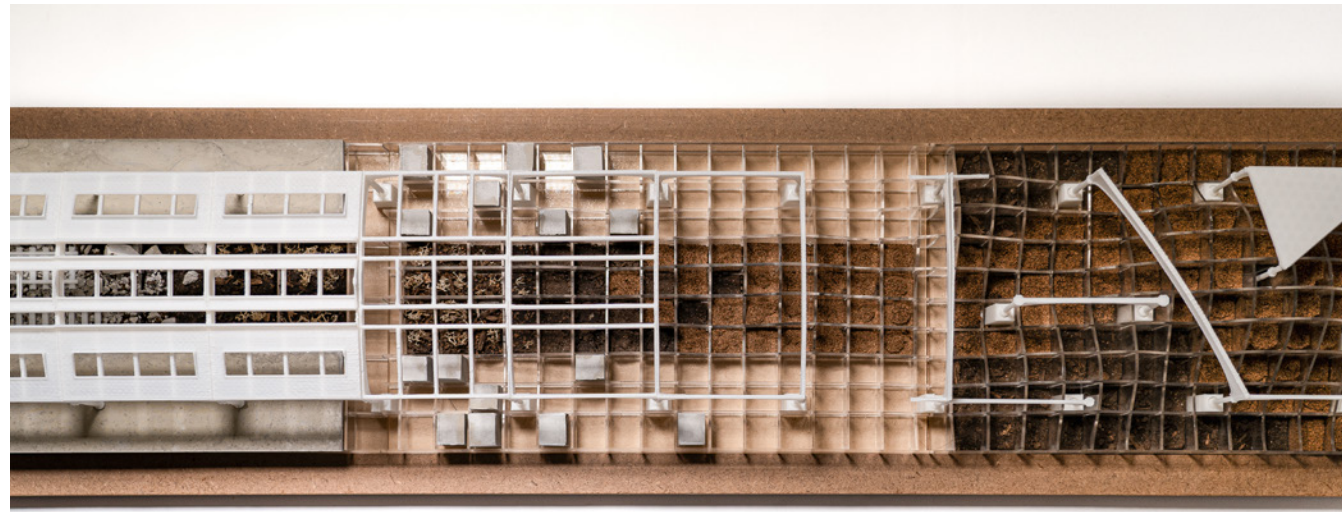
Future Flood Map of Hudson River

This map addresses the inevitable sea level rise, projected to reach up to 9 feet in 100 years given current carbon emissions, and speculates on the relocation of displaced riverfront recreational space and accommodations to inland open spaces



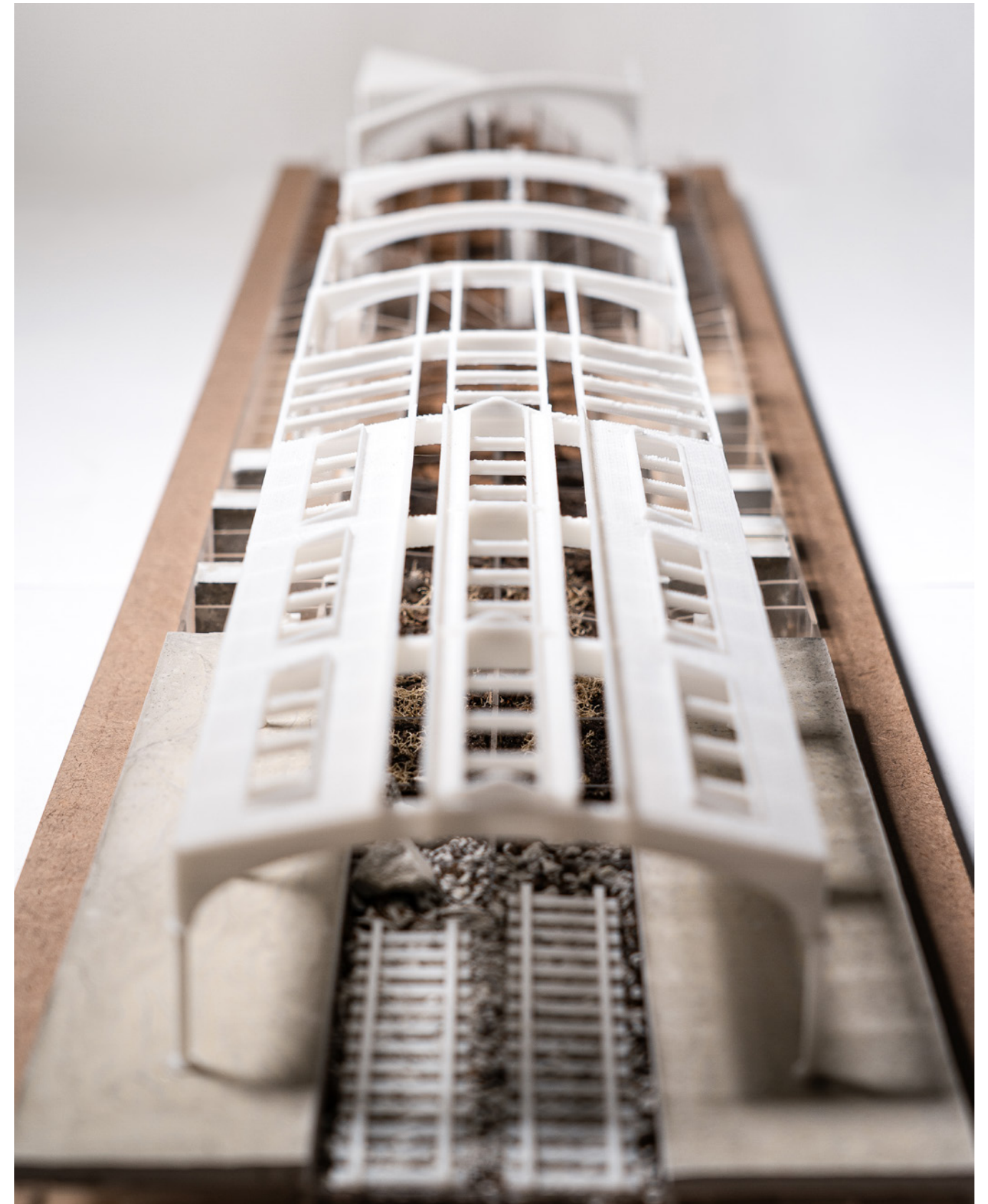
Programming Wetness

By introducing tectonics as a means of controlled demolition and selective reinforcement, ground conditions and wetness are programmed to create estuaries, diverse recreational accommodations, and ecosystems, thereby extending the coastline's life cycle



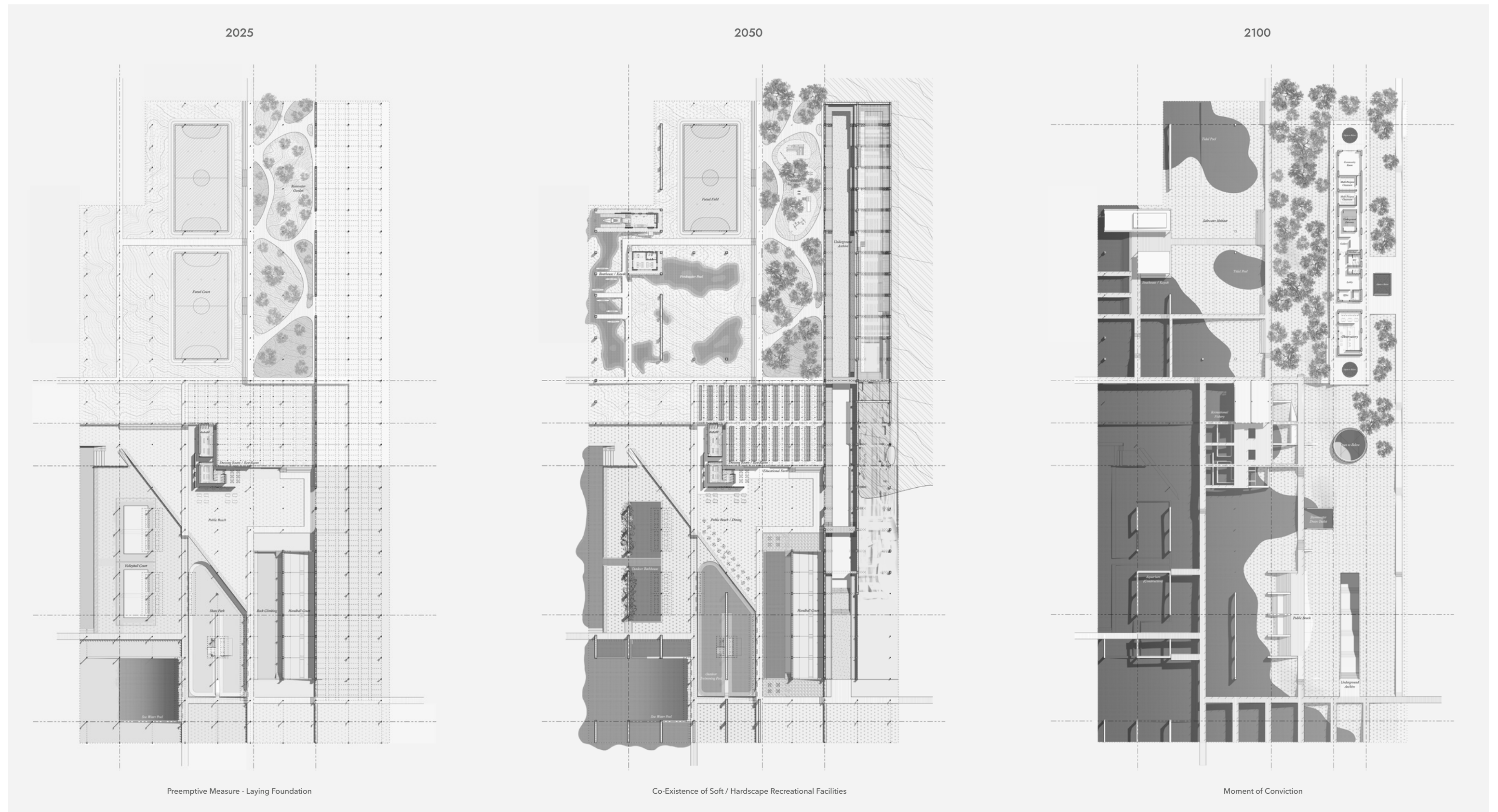
Programming Ground Condition

The concept employs a phased construction approach, emphasizing incremental rehabilitation and controlled intervention, with three phases: controlled demolition, selective reinforcement, and land transformation, progressing in planned stages to anticipate and adapt to the site's imminent submergence



Concept Model: Contingency Plan

The concept model shows a prospect of reconciliation between the train shed and nature. It is divided into three parts: the past and present phase, the selective removal phase, and the contingency plan to respond to the rising sea level

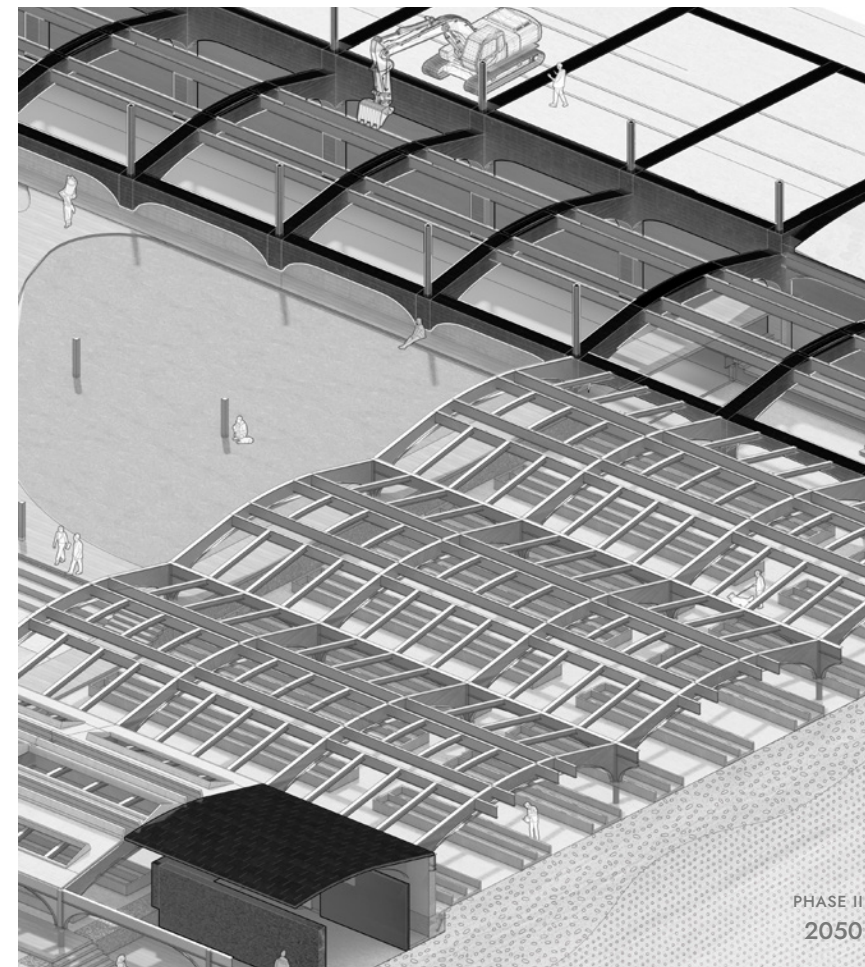


Methodology: Incremental Rehabilitation

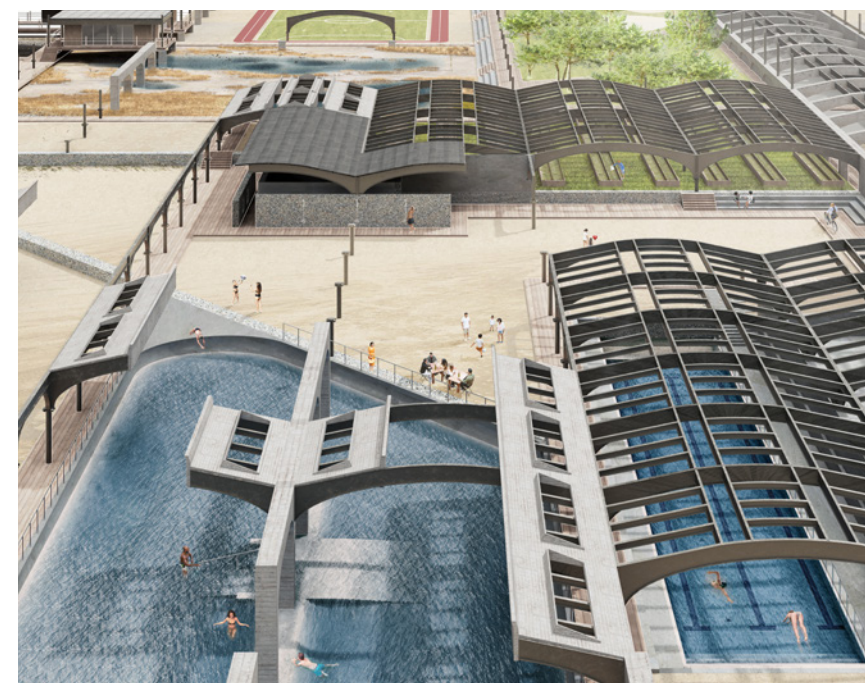
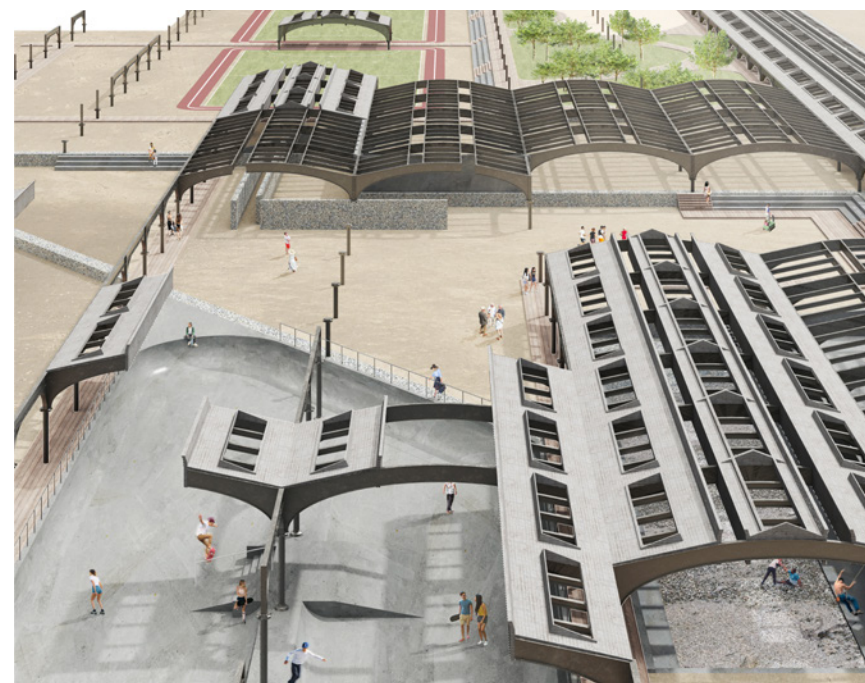
The construction and rehabilitation are envisaged to occur incrementally until 2100, enabling an effective response to the rising sea level and ensuring the longevity and relevance of the intervention



Construction
Methodology
I
.....
Controlled
Demolition



Construction
Methodology
II
.....
Selective
Reinforcement



Evolving Recreation Through Incremental Rehabilitation

The concept employs a phased construction approach, emphasizing incremental rehabilitation and controlled intervention. Human perception of recreation will evolve over time, with people gradually adapting to the changing waterfront by re-appropriating the train shed, thus extending the coastline's life cycle



Tectonic Model: A Reimagined Methodology of Preservation

By encasing the existing cast iron structure in concrete, the material is protected from further decay, and the structure is reinforced to utilize its rooftop as the new ground level. Over time, the negative imprints of the structural components will be preserved within the concrete



Land Transformation Archive

The land transformation and its layers over time will be archived, with the train shed serving as a cumulative archival space. This will showcase the harmonious coexistence between human endeavor and natural resurgence

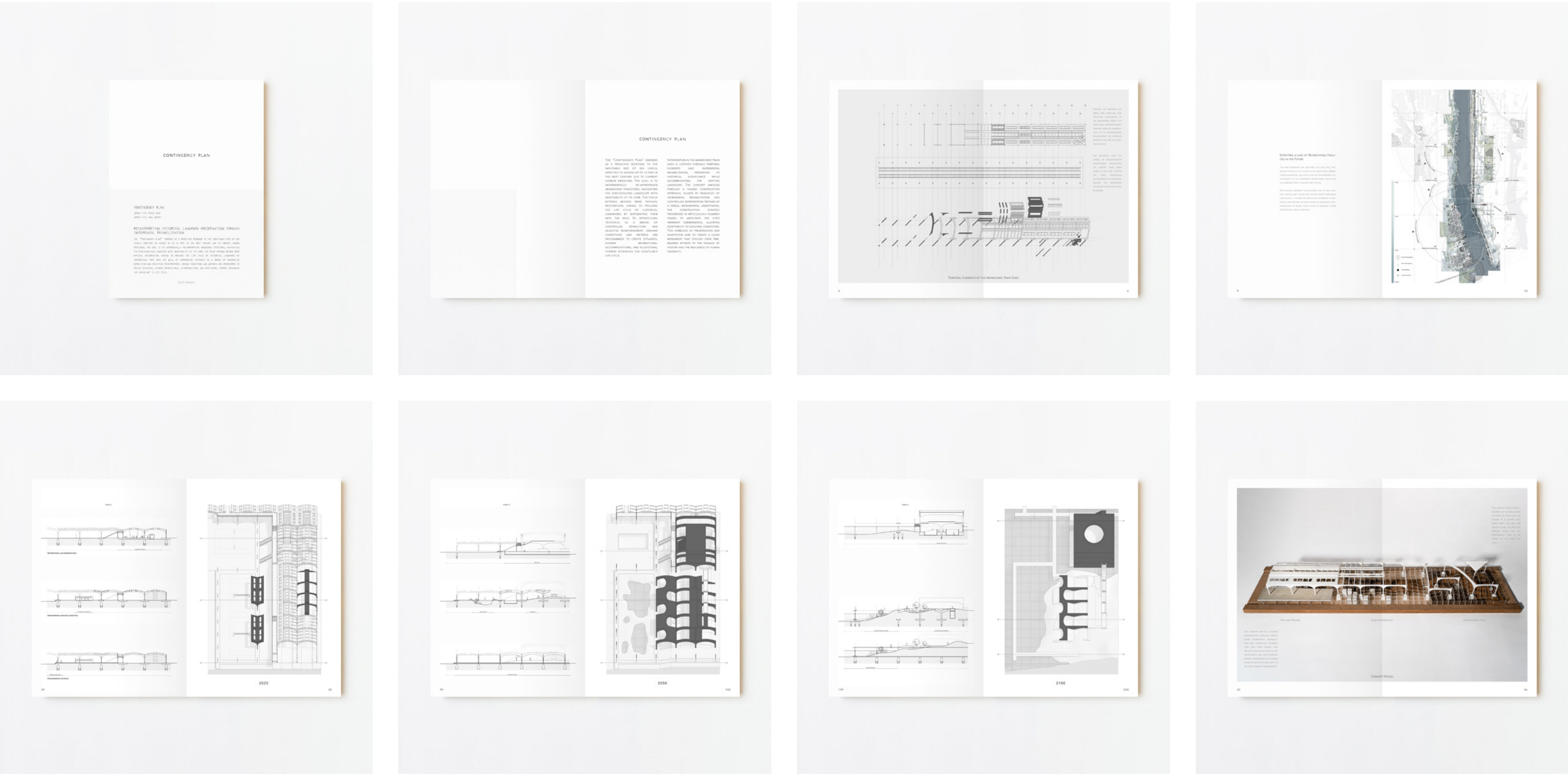


Historical Train Shed Archive

The train shed will be archived through reinforcements and the negative imprints of castings, preserving its historical elements. This symbiosis of preservation and adaptation aims to create a living monument that evolves gracefully over time, bearing witness to history and the resilience of human ingenuity

PUBLICATION

WORK IN PORGRESS



Contingency Plan: Reinterpreting Historical Landmark Preservation through Incremental Rehabilitation

The publication, "Contingency Plan: Reinterpreting Historical Landmark Preservation through Incremental Rehabilitation," centers on the transformation of our living and built environments through the lens of the abandoned Jersey City train shed. Beyond physical restoration, the focus is on extending the life cycle of this historic landmark by integrating it with natural processes through 2100. The book will chronicle the site's annual changes over 75 years, with each page capturing a moment in the evolving relationship between the shed and its surroundings



MIGRATING BOOKS AND BODIES

Transforming Libraries into Dynamic Civic Networks for Immigrant Community

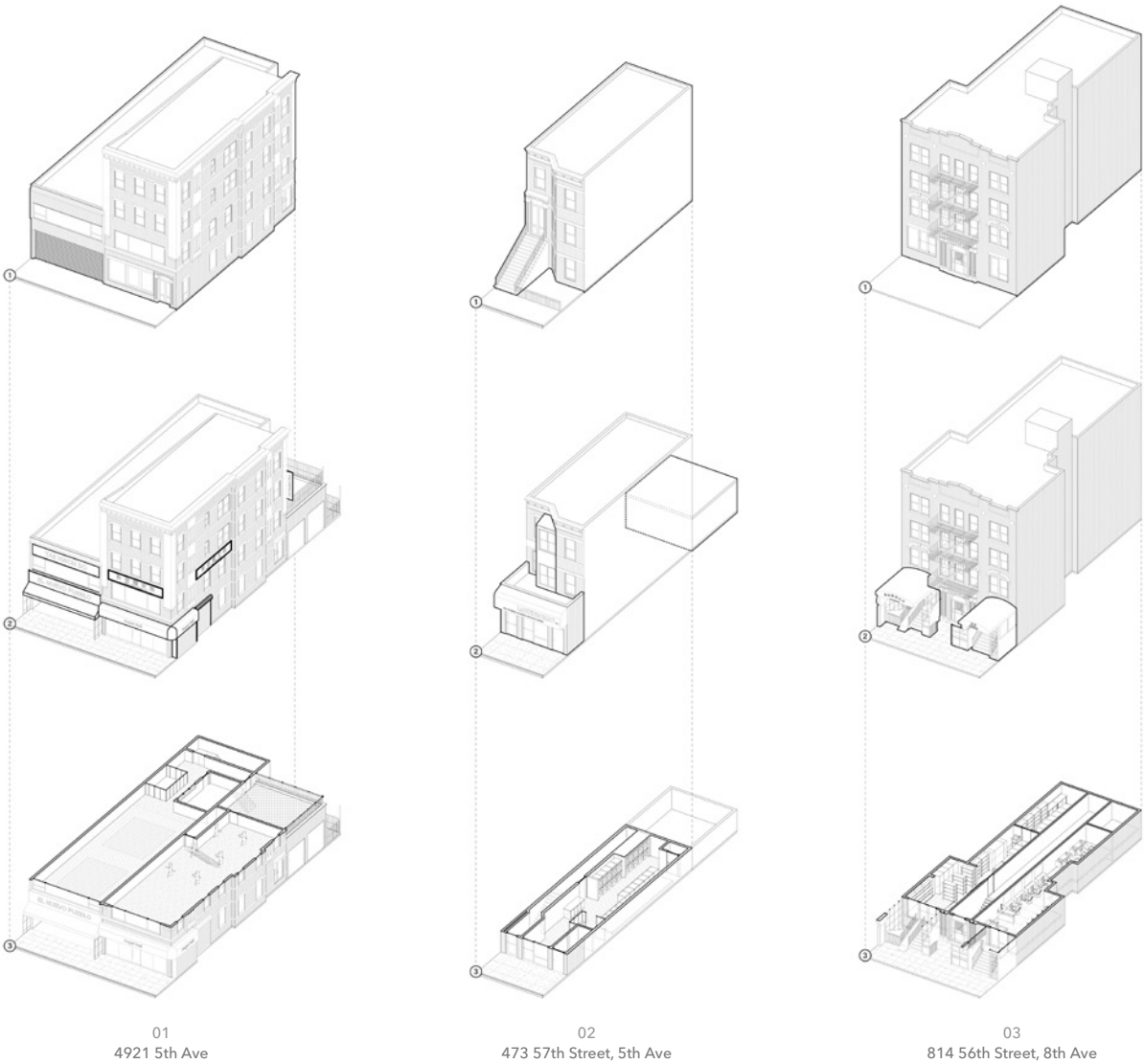
Adv V Studio | Prof. Phu Hoang | Fall 2024

Collaborator: Seong Hyun Leem

MIGRATING BOOKS AND BODIES

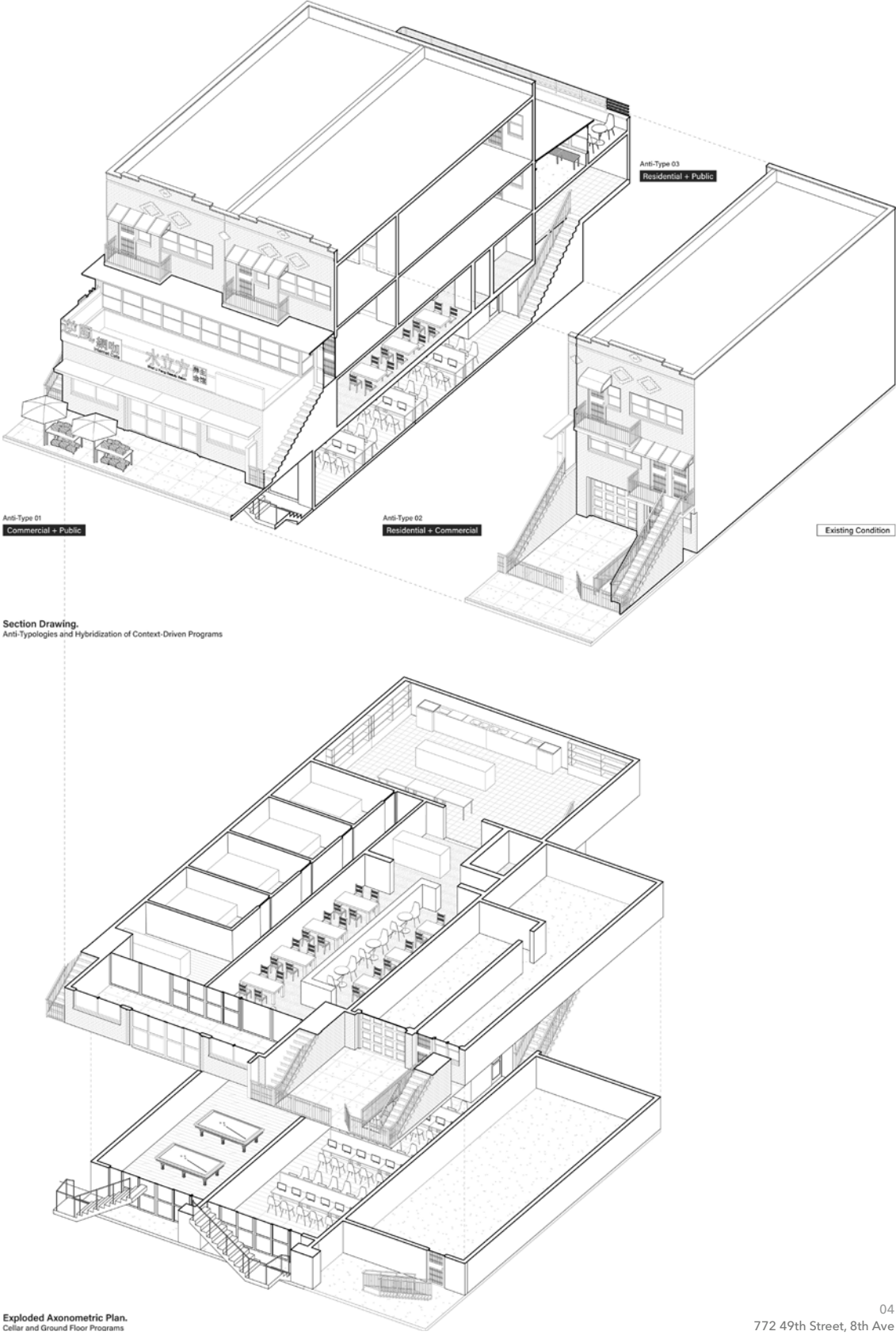
In architecture, typology organizes spaces into fixed categories—residential, commercial, and public. In Sunset Park, these distinctions dissolve under immigration, acculturation, and economic pressures, creating a dynamic anti-typology where commerce, residence, and public life merge. Immigrant experiences, shaped by vibrant streetscapes and markets, challenge the rigid, formal layouts of traditional public institutions like libraries. As gentrification reshapes the Brooklyn waterfront and 4th Avenue, rising populations and affordable housing developments intensify the need for adaptable public spaces. Libraries must evolve to balance institutional structure with the accessibility of informal urban commons.

The Sunset Park Library is reimagined as an urban network along 4th Avenue, comprising an adaptable civic hub and “urban living room libraries” in underutilized, narrow lots. By centralizing books in the core, the institutional library opens surrounding spaces for flexible programs, seamlessly integrating with adjacent activities and streetscapes. Redistributed books transform vacant lots into localized hubs for cultural interaction, education, and leisure. These interventions redefine “public” in gentrifying Sunset Park, creating accessible, dynamic spaces that serve immigrant communities and integrate deeply into daily life. The library becomes both a civic anchor and a cultural network.



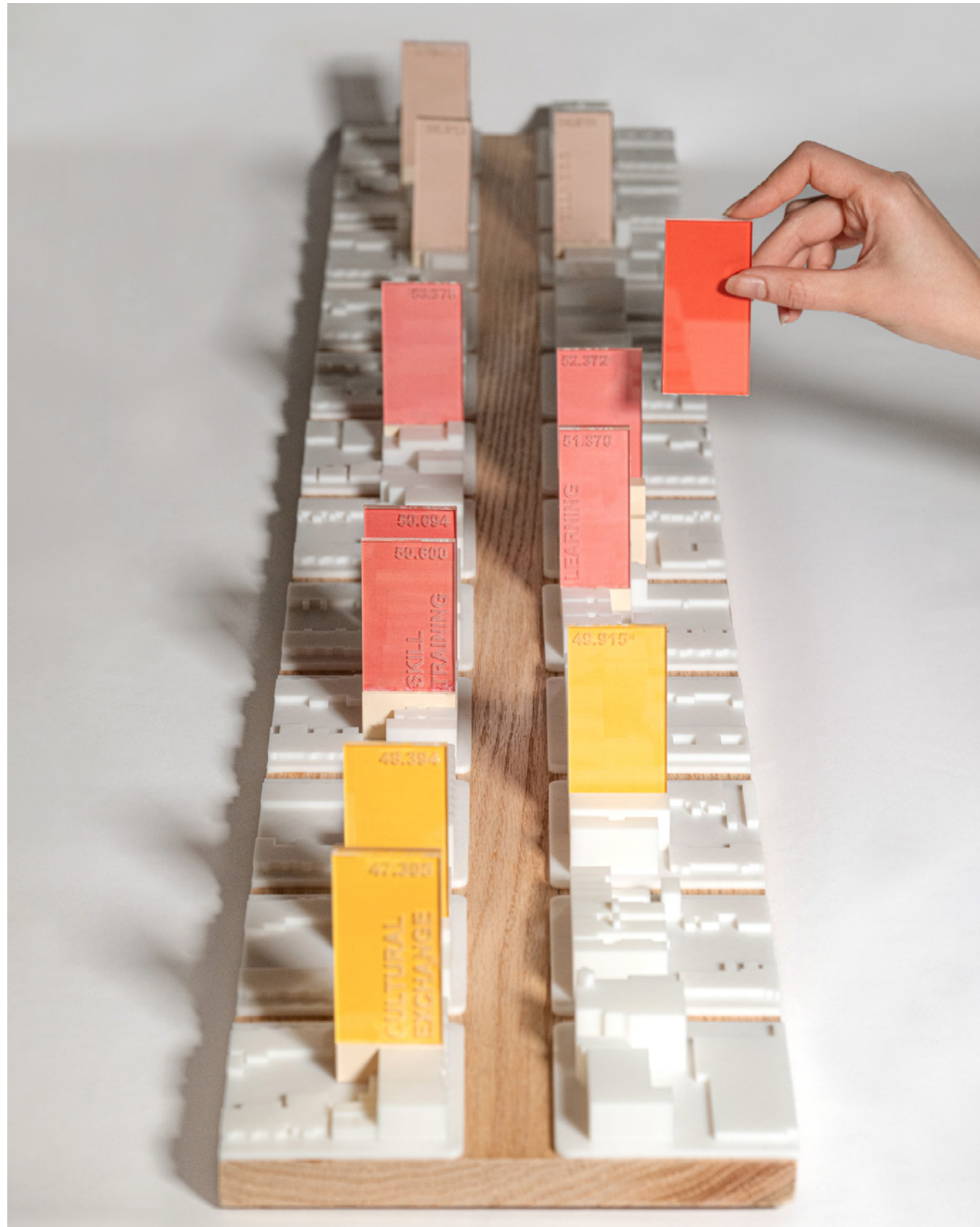
Informal Adaptations of Buildings in Sunset Park

An observation of how informal adaptations in Sunset Park buildings reflect the neighborhood’s dynamic blend of immigration, acculturation, and economic necessity, redefining traditional urban spaces into hybrid environments



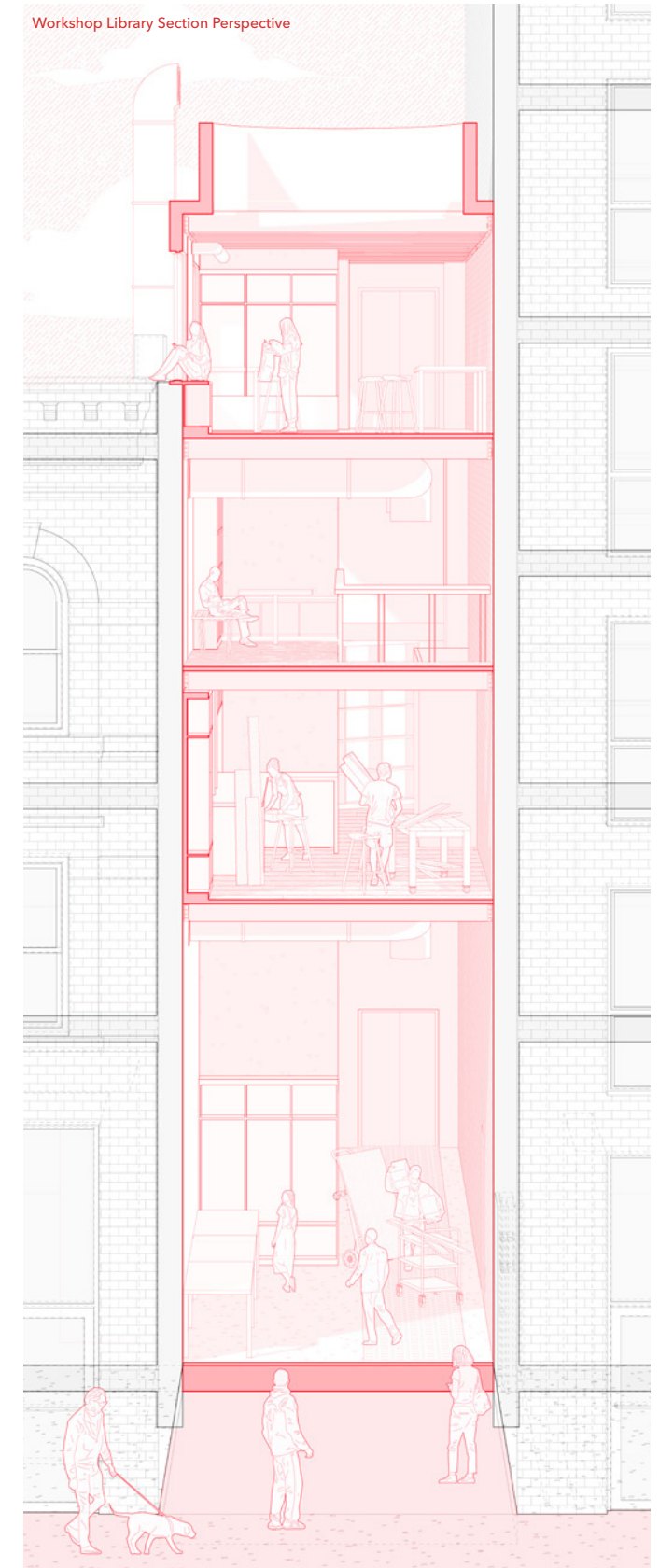
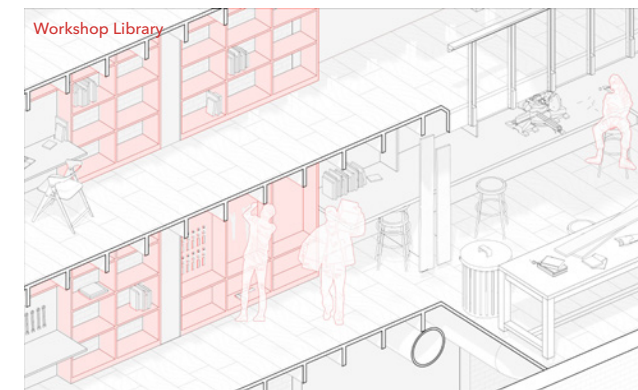
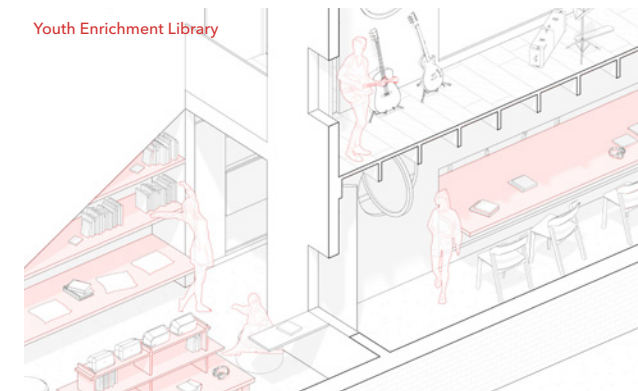
From Types to Anti-Types: Commercial-Residential Hybridization in Sunset Park

This drawing highlights how immigration and economic necessity dissolve traditional typologies, giving rise to anti-typologies like informal economies and makeshift public spaces that address immigrant communities’ urgent needs



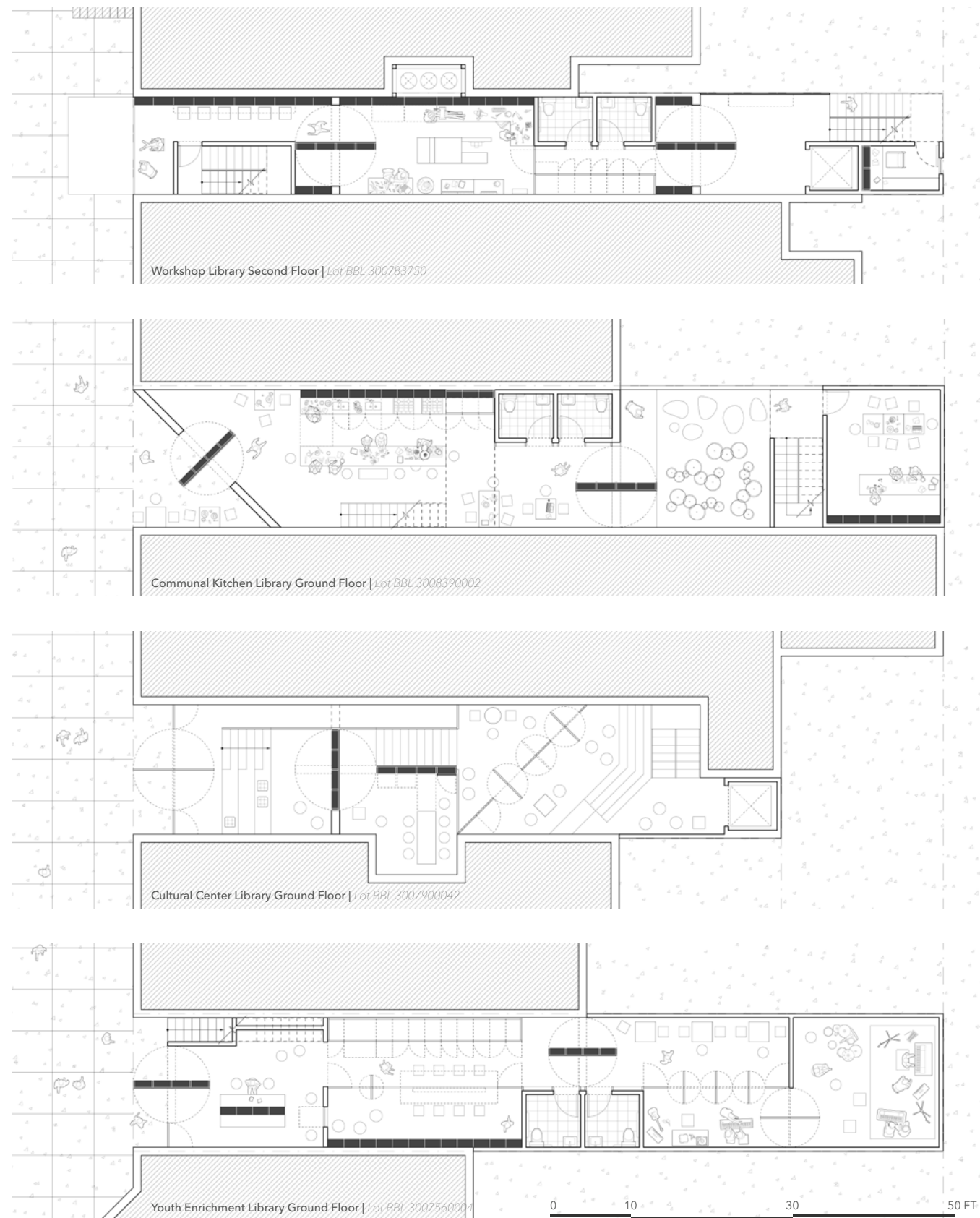
Re-Categorizing the Dewey Decimal System

This proposal transforms 4th Avenue into an extension of the Sunset Park Library, redistributing books to Urban Living Room Libraries. Organized into four categories, these hubs foster inclusivity and resilience through accessible, community-driven spaces



Re-Distributing to Underutilized Narrow Lots

Underutilized lots, less than 17 feet wide, are reimagined as Urban Living Room Libraries, extending the Sunset Park Library's reach. These pocket spaces redistribute books tied to community programs, such as cookbooks for communal kitchens or skill guides for workshops, embedding vital resources into the neighborhood



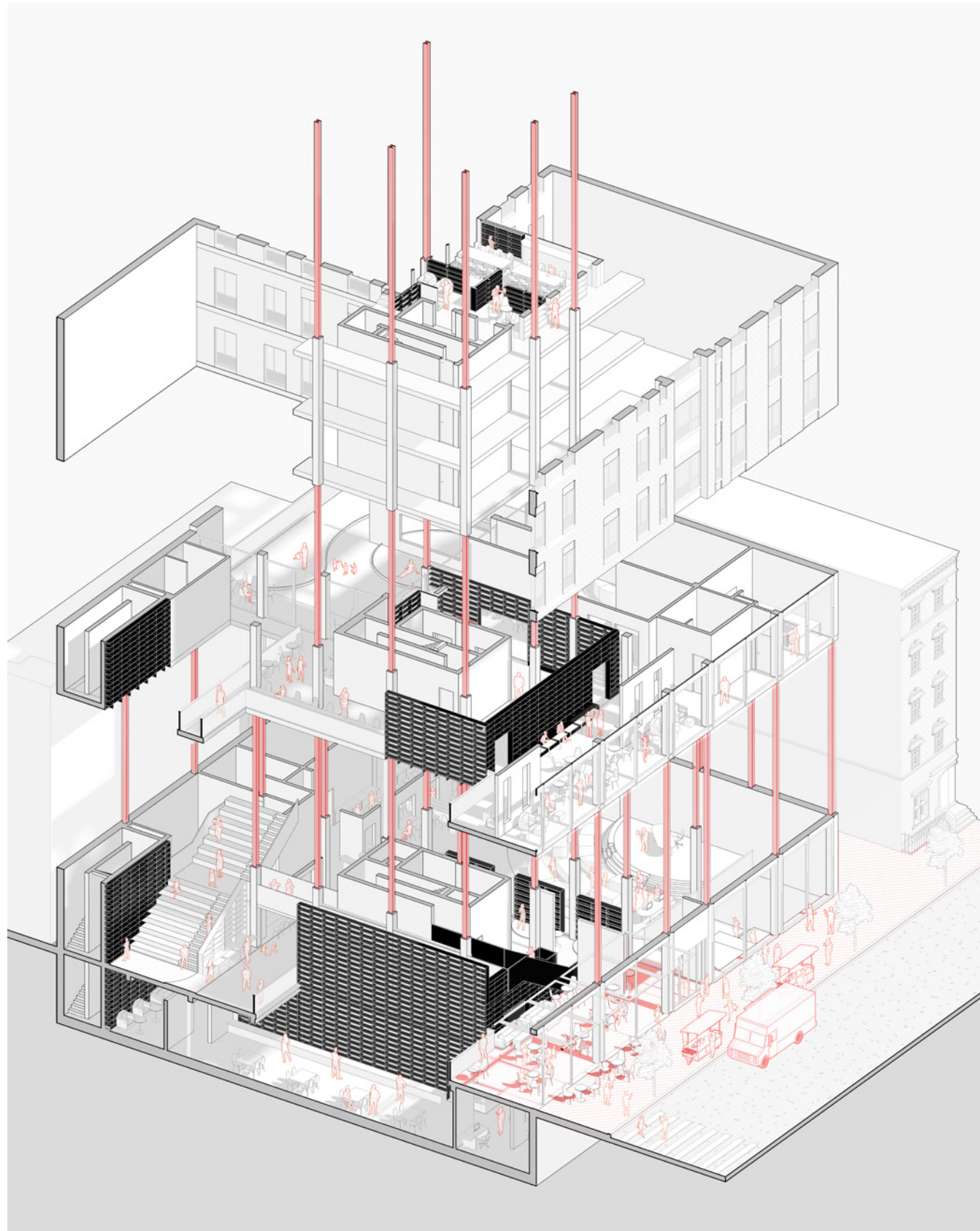
Re-Programming Libraries for Immigrant Resilience

Urban Living Room Libraries are reprogrammed into hubs for cultural exchange, skill training, and community interaction. Designed to reflect the neighborhood's immigrant identity, these spaces provide context-specific programs that support inclusivity, preserve cultural heritage, and strengthen resilience against gentrification



Workshop Library Perspective

Utilizing the spaces between buildings, the Workshop Library transforms narrow lots into vibrant community hubs. Its revolving shelves enhance cross-ventilation while serving as flexible partitions, creating dynamic, multi-use spaces that respond to local needs



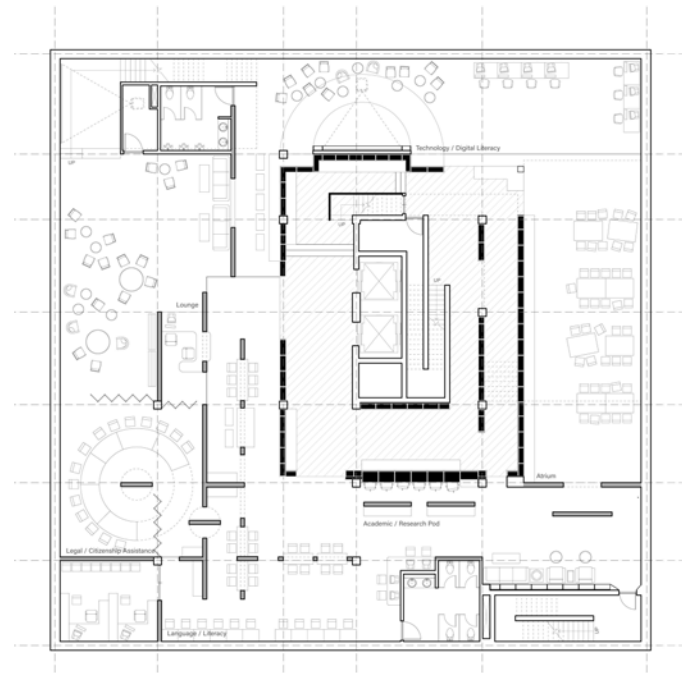
Integrating the Avenue into the Sunset Park Public Library

With books redistributed to Urban Living Room Libraries along 4th Avenue, the Sunset Park Library transforms into a civic hub. A centralized book core and open axis replace rigid layouts, creating vertical continuity that connects spaces—like the second-floor garden—to the street, fostering a seamless urban interaction

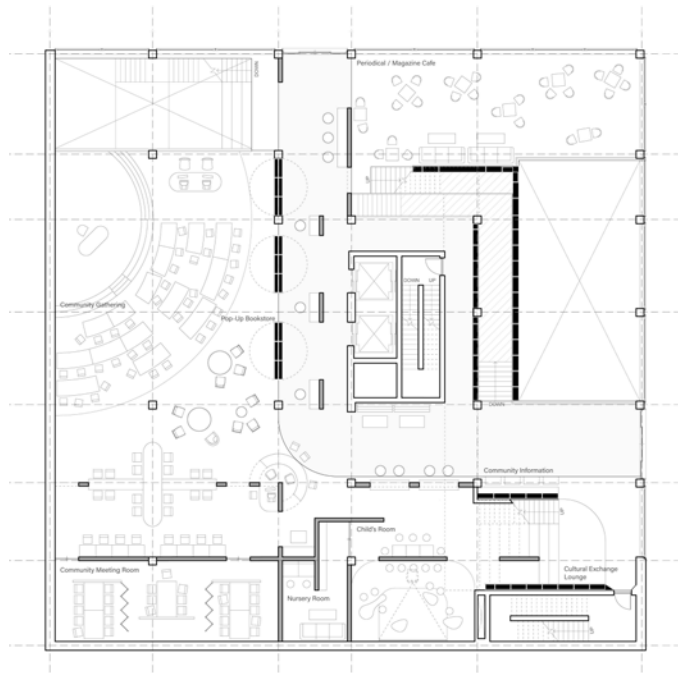


Sunset Park Library Reading Area Perspective

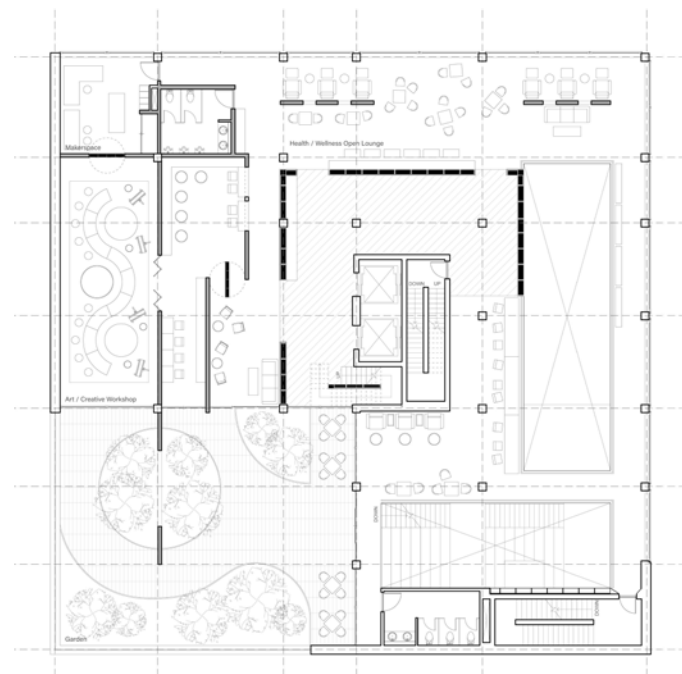
By centralizing books around the core, the reimagined Sunset Park Library opens its surrounding spaces for flexible, community-focused programming. Foundational resources remain central, while freed space fosters public gathering, cultural exchange, and community-driven programs, redefining it as a public commons



Basement Foundational / Academic Resources



Ground Floor Community / Local and Current Awareness Resources



Second Floor Leisure and Personal Enrichment Resources



Typical Residential Floor Community Reading Rooms



Sunset Park Public Library Floor Plans

Each floor balances openness with flexible pockets for diverse programs. The ground level fosters community with lounges and a periodical café, while the enclosed basement supports learning with academic books, legal aid, and literacy programs



Sunset Park Library Perspective

By consolidating books around the core, the surrounding space opens for flexible programming, redefining the library as an active public commons rather than a static repository



Migrating Books and Bodies: A Living Library for Sunset Park

The Sunset Park Library is transformed into both a central hub and a distributed network, using book categorizations as a wayfinding system that extends into the daily lives of its immigrant community. As the neighborhood transforms over the next 20 years, *Migrating Books and Bodies* redefines the library not just as a repository of knowledge, but as an evolving platform for community, culture, and connection



HYDRO-SILOS

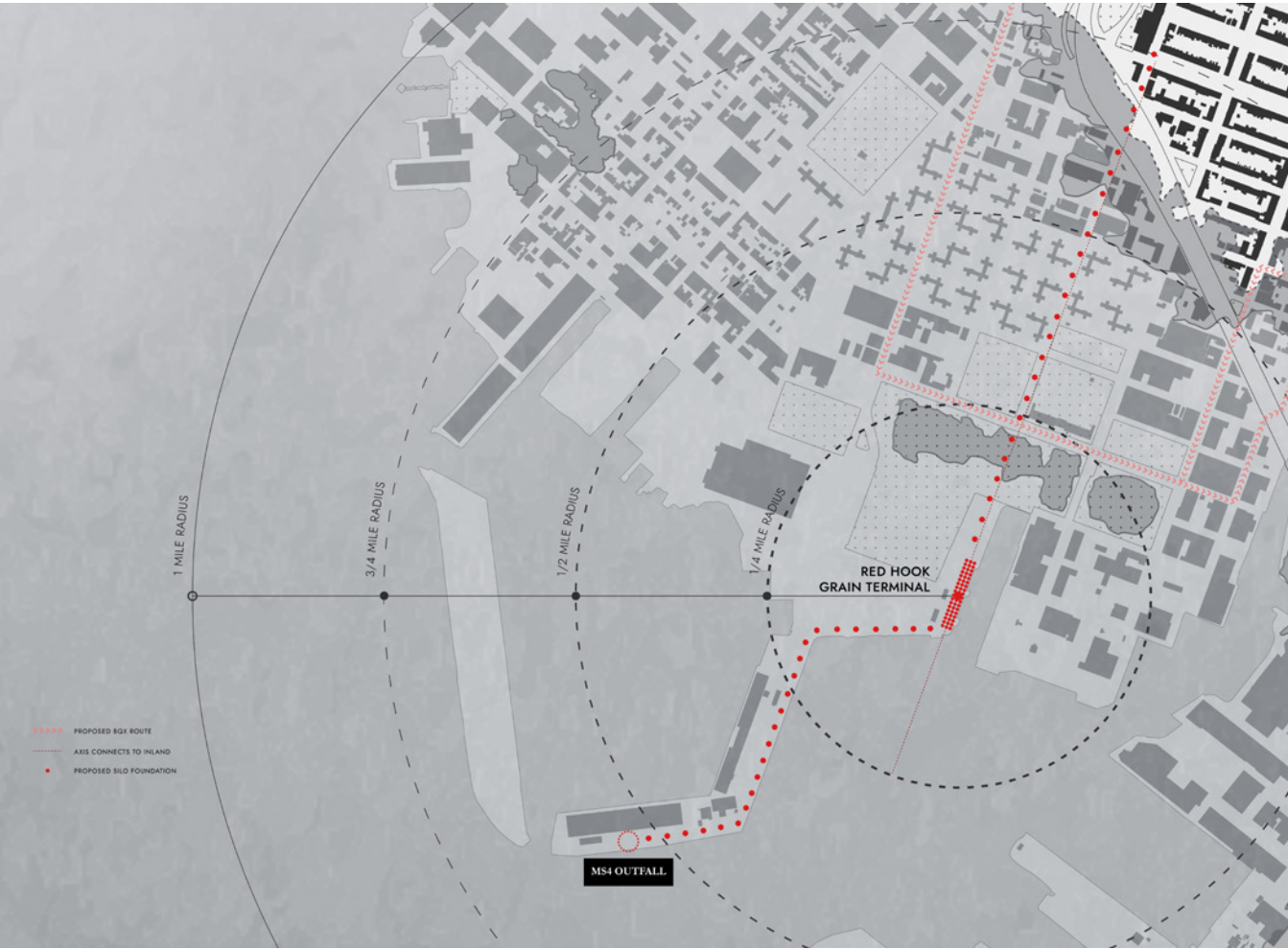
Reclaiming industrial heritage through water-based resilience and adaptive refuge

Adv VI Studio | Prof. Laurie Hawkinson | Spring 2025

HYDRO-SILOS

“Hydro-Silos” reclaims the Red Hook Grain Terminal as a hydrologically responsive civic infrastructure, adapting a historic industrial landmark to the realities of sea level rise and extreme flooding. Located in one of Brooklyn’s most vulnerable flood zones—just ten feet above sea level and outside the city’s major seawall protection—the project reimagines the silo typology as vertical water reservoirs and emergency shelters. A new architectural canopy atop the structure captures rainwater, which is filtered through the silo columns using sand, gravel, and charcoal. Clean water is stored at the ground level, while overflow and wastewater are redirected to below-sea-level holding zones. This closed-loop system transforms the terminal from a symbol of industrial obsolescence into a vessel of resilience and care.

The intervention proposes a dual-function architecture: during regular times, the terminal houses a museum, water treatment facility, educational center, and temporary neighborhood housing; during catastrophic flooding, it transitions into a refugee shelter with secure water access. Rather than resisting water, the design embraces its presence—creating stepped public platforms that adapt to tides and storms, gabion walls that diffuse wave impact, and catwalks that maintain access during high water. By combining adaptive reuse with ecological infrastructure, Hydro-Silos offers a new model of preservation—one that treats water not as a threat, but as a generative force for civic and architectural transformation.



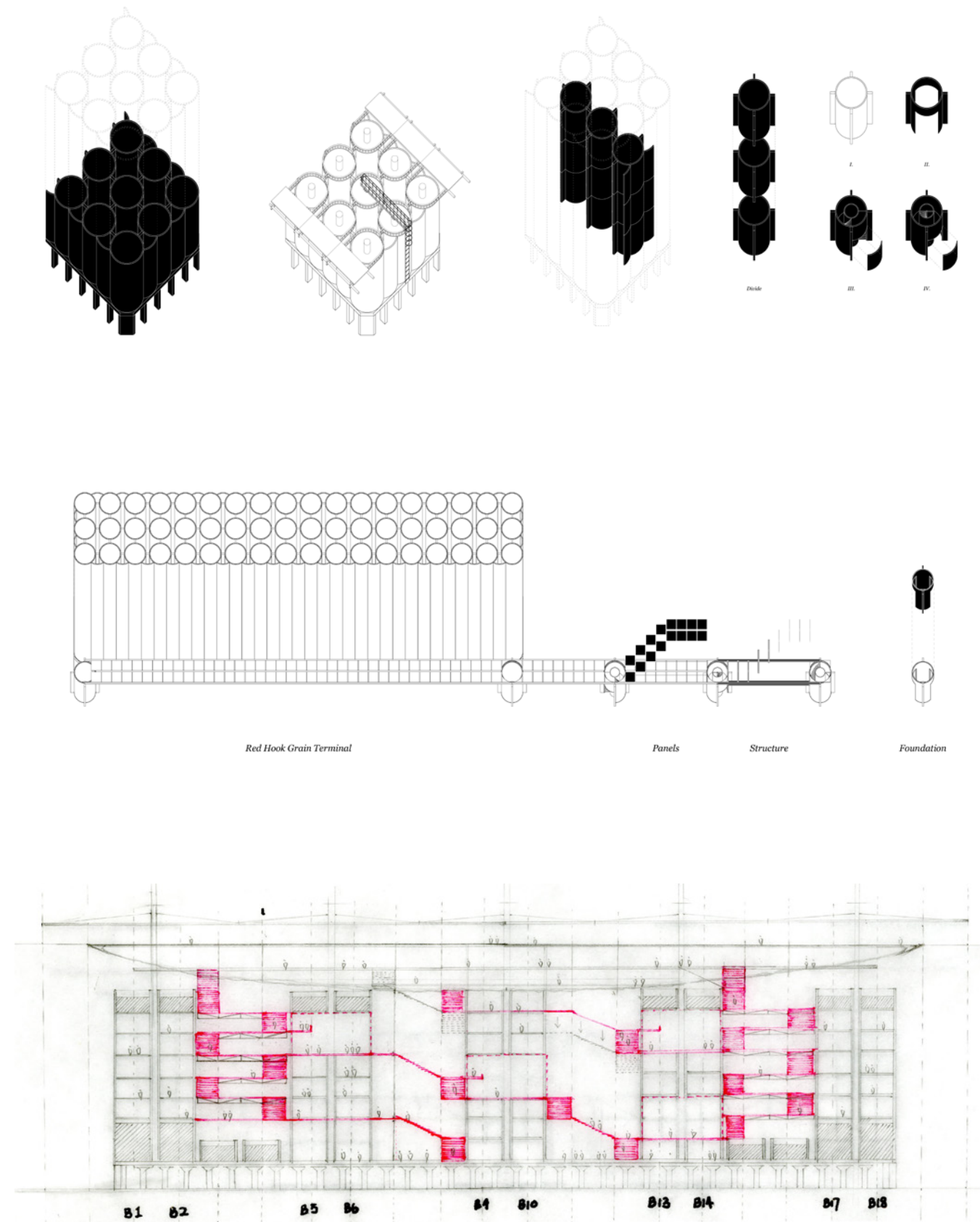
Re-siting the Silos: Water Pathways and Inland Connections

Deconstructed silos are repositioned to form a connective path between the inland and the MS4 outfall. These reused elements channel water flow while stitching new circulation into the flood-prone landscape.



Red Hook Flood Projection Map: 2020-2100

This map visualizes Red Hook’s projected floodplain expansion over the next century, highlighting the vulnerability of the Grain Terminal site as sea levels rise. It illustrates the urgent need for adaptive, water-responsive architectural interventions in flood-prone urban edges.



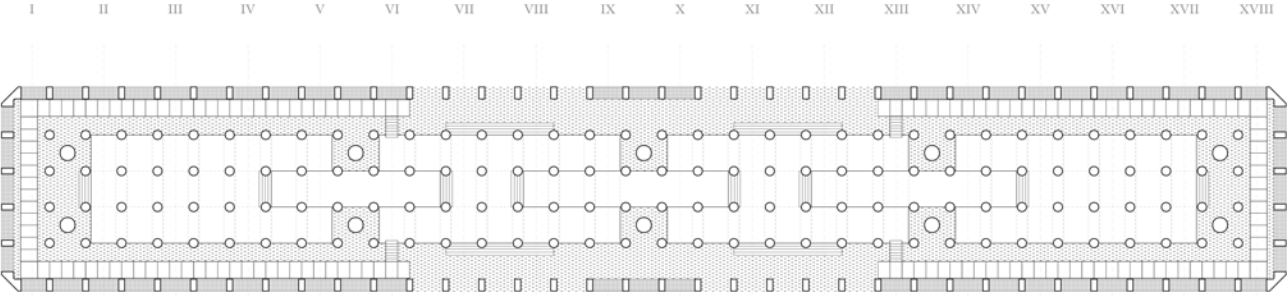
Modular Reuse Strategy in the Floodplain

As sea levels rise, the design proposes deconstructing the silos into modular units that anchor a new infrastructural pathway through the floodplain. These elements form both a resilient foundation and a connective landscape, turning industrial remnants into tools for adaptation.

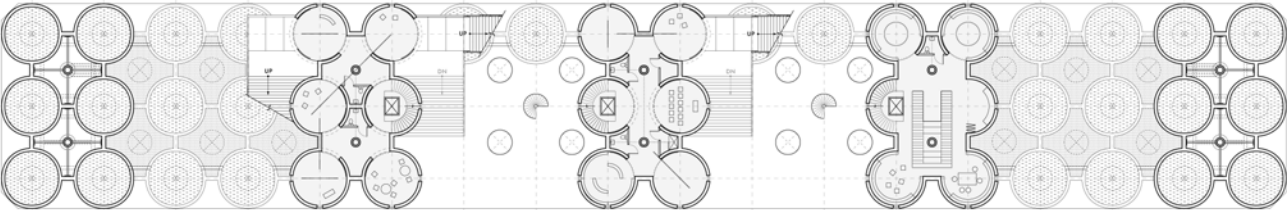


Modular Silo Assembly Model

This model illustrates the modular decomposition of the original silos into scalable, transportable units. Each segment is designed to be reconfigured across the site, enabling adaptive reuse as foundations, water channels, or structural cores in response to future flood conditions.



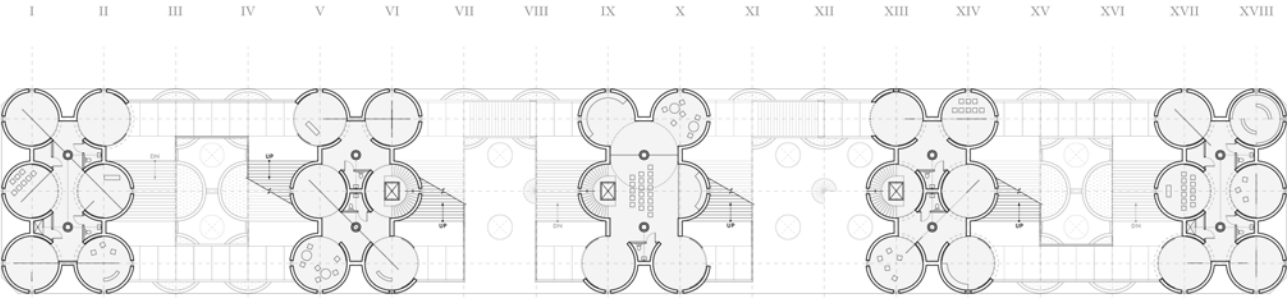
Ground Level Plan



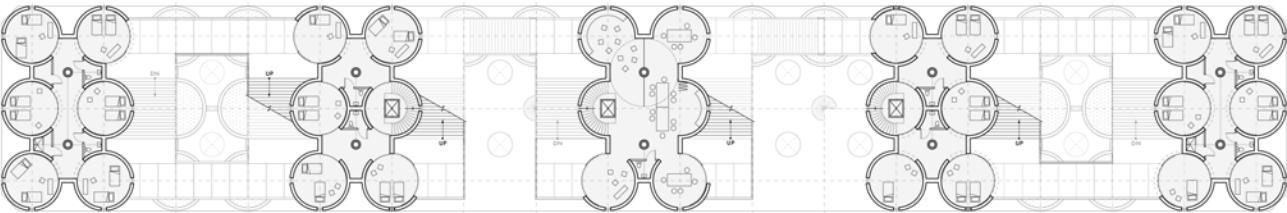
Plaza Level Plan

Submerging Foundation, Rising Civic Ground

As sea levels rise, the foundation level of the silo complex is designed to gradually flood, transforming into a submerged infrastructural zone for clean water storage. A new public plaza above becomes the elevated civic ground, reorienting community life around climate-responsive architecture.



Sixth Floor Plan - Gallery Space

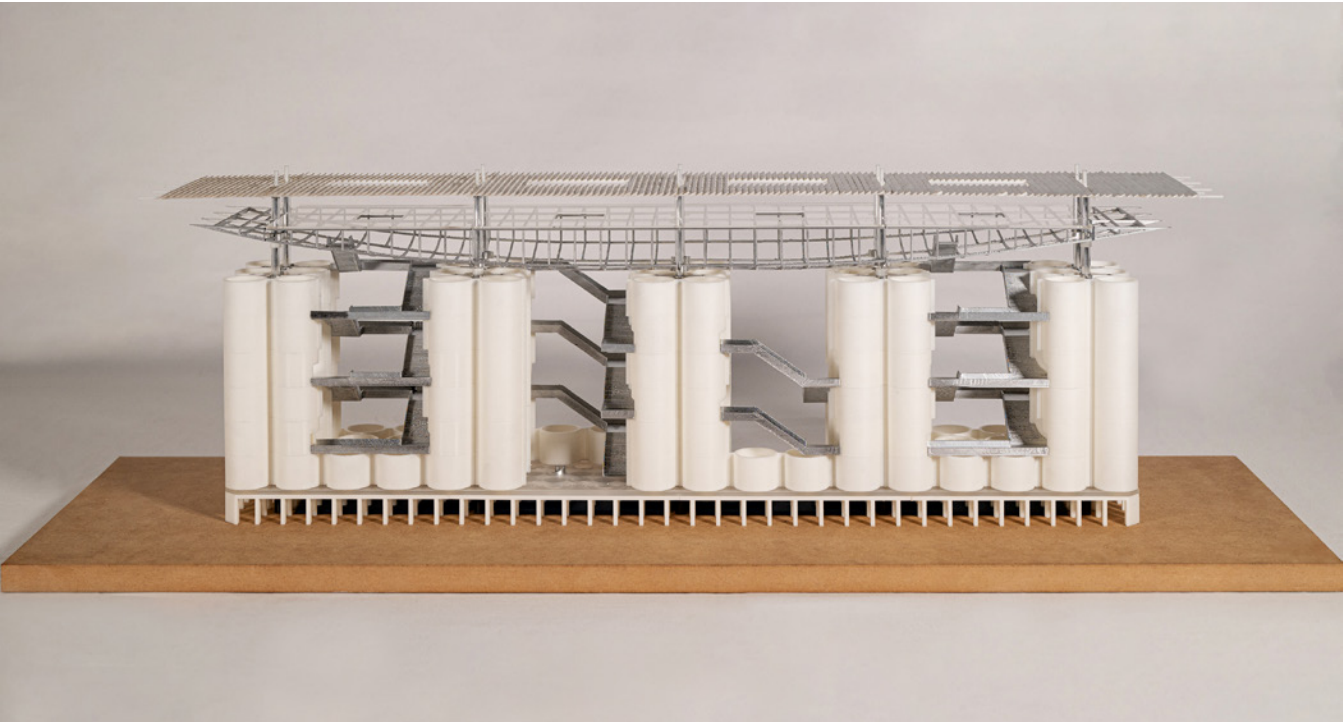


Sixth Floor Plan - Emergency Shelter



Transformative Floor Plan: Gallery to Refuge

The flexible floor plan shifts from a public gallery space to emergency refugee housing through modular partitions and elevated access paths. Programmatic zones adapt to flooding conditions, enabling a seamless transition from civic use to crisis response



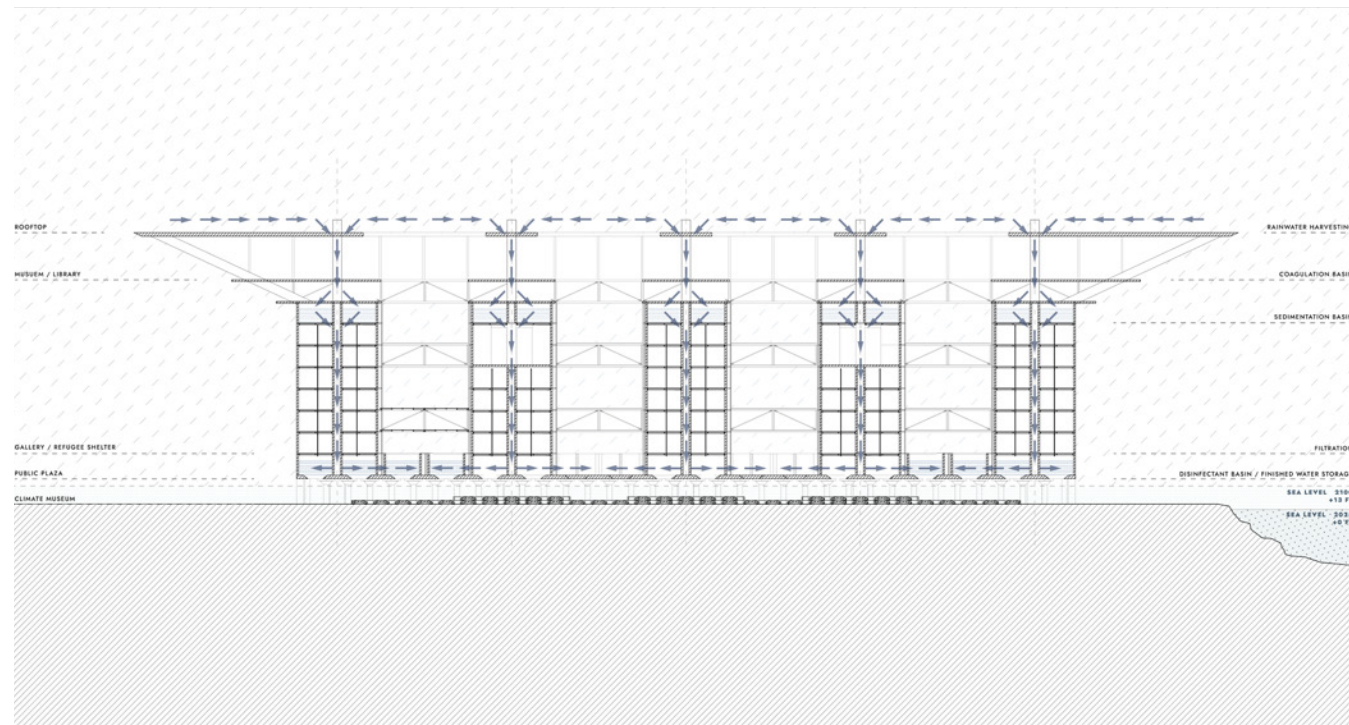
Vertical Foundation Strategy Model

This model demonstrates the use of existing grain silos as the structural and hydrological foundation for a new civic museum. A lightweight canopy and elevated walkways are anchored above, supported by the silos below, transforming industrial mass into a layered public infrastructure.



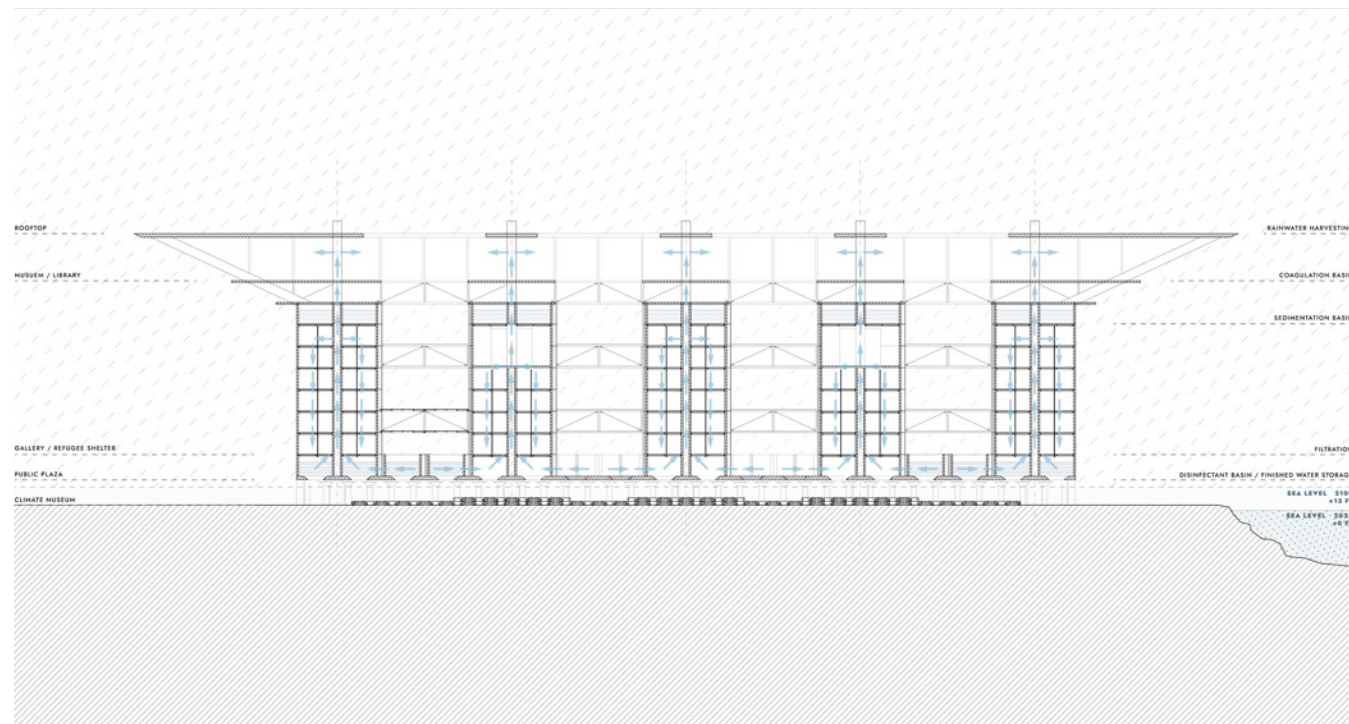
Rainwater Collection Canopy

A new rooftop canopy maximizes surface area to harvest rainwater, initiating the building's gravity-fed filtration system. Its angular geometry channels runoff into gray water storage, transforming the roof into the first layer of climate-responsive infrastructure.



Sectional Water Filtration Diagram

This section illustrates a gravity-fed water treatment system in which rainwater is harvested from the rooftop canopy and directed into vertical filtration columns. Each structural silo is filled with sand, gravel, and charcoal layers, purifying the water before it is stored in disinfectant basins at the base above sea level for future use.



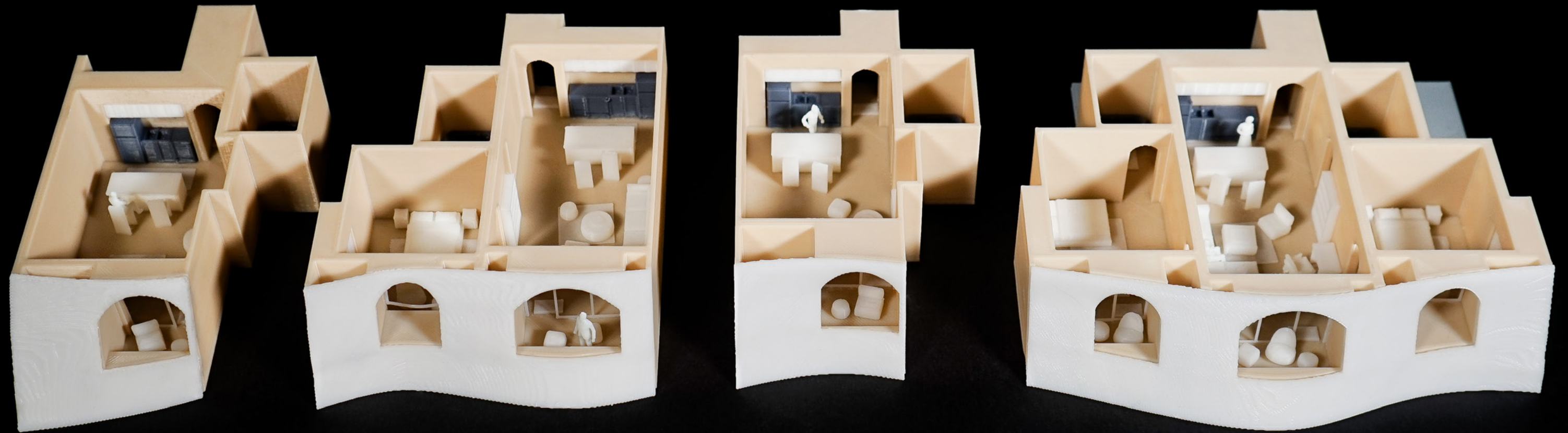
Clean Water Distribution

After filtration, clean water is pumped up through structural columns and distributed to the silos for both emergency shelter and museum use. The system ensures a resilient supply of potable water above sea level during floods.



Integrated Filtration System in Structure

This detail shows how structural columns double as vertical filtration vessels, channeling rainwater through layers of sand and gravel. The integration blurs the boundary between structure and infrastructure, embedding water treatment directly into the architectural frame.



HOUSESCAPE

Reimagine living through the almagamation of housing and landscape

Core III Studio | Prof. Benjamin Cadena | Fall 2023

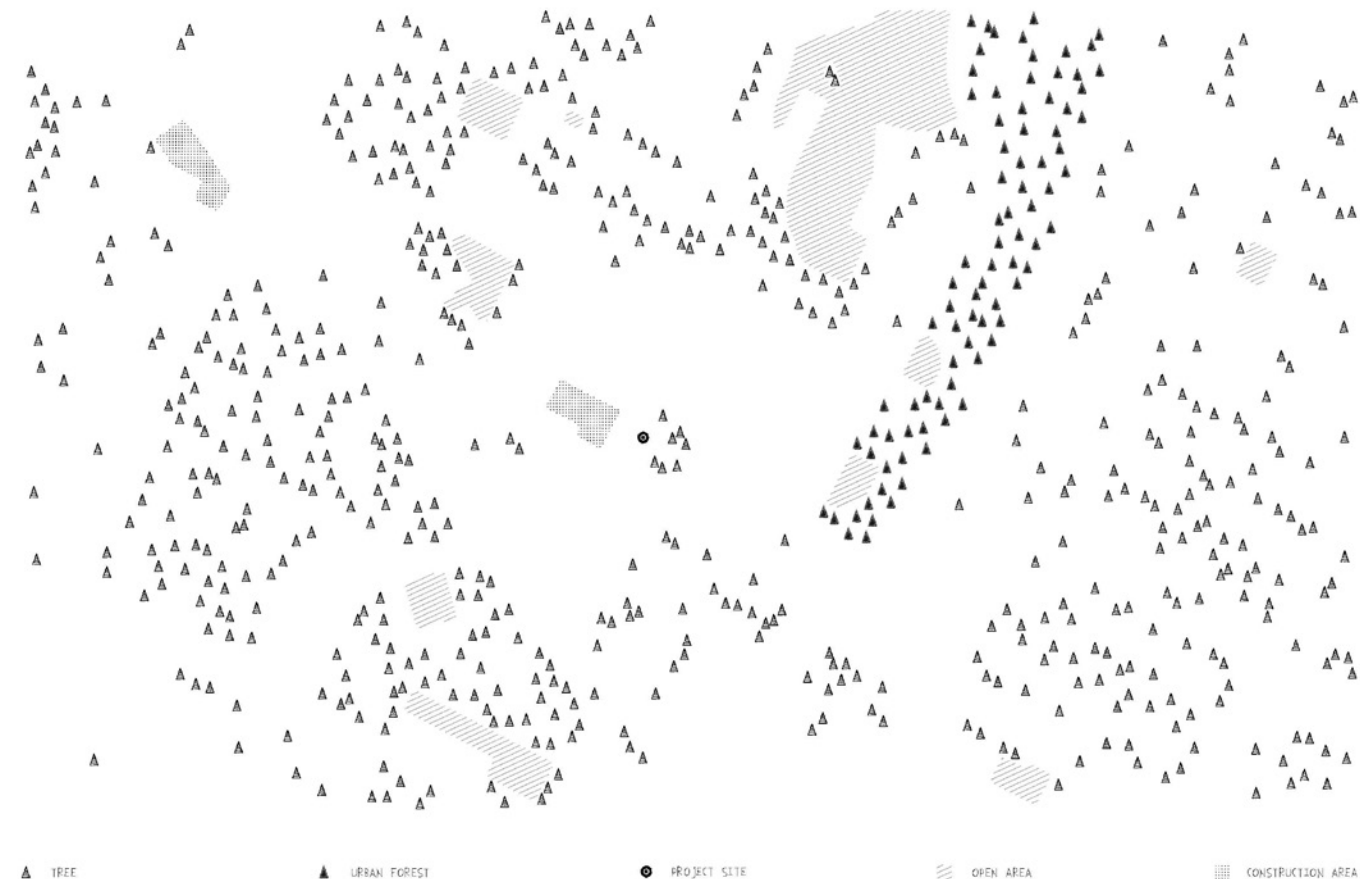
Collaborator: Hunter Wolff

HOUSESCAPE

...between mountain and building...

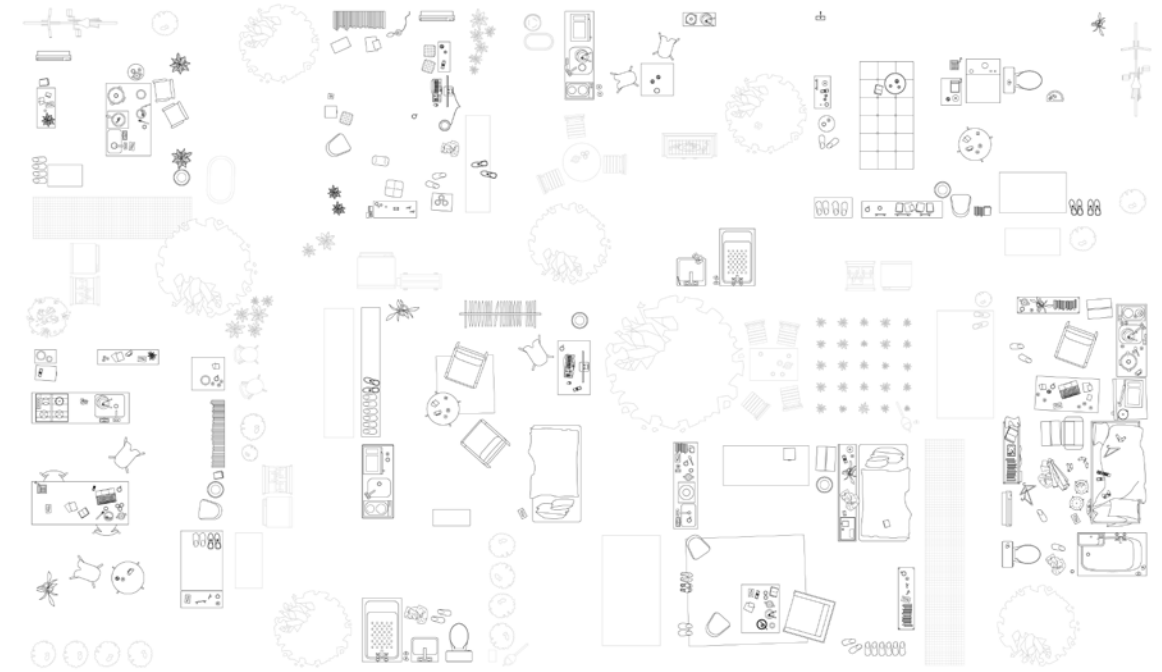
What if housing and greenspace were not separated?
What if housing became 100% greenspace?
We propose a mountain in the city inspired by pre-existing landscapes in our environment.
A mountain is a building. A building is a mountain.

This project is about bringing immersive landscapes to the city. The project is about the therapeutic nature of landscapes and their connection to wellness. The project is about making wellness resources accessible to the residents of Harlem. The project is about creating hyper-local systems of production and consumption through farming and food to cultivate a self-sufficient community.



Green Oasis Drought in Harlem

This diagram visually depicts the limited availability of green spaces within the Harlem neighborhood of New York City. Through mapping exercise, the diagram highlights the central area with insufficient access to green spaces, indicating potential disparities in environmental equity.



Case Study Drawing: Moriyama House *Ryue Nishizawa*

This drawing examines urban living by stripping away the architectural elements of Moriyama House, leaving only everyday objects. Through these possessions, patterns of daily life remain visible, highlighting how lifestyle is shaped by personal belongings rather than physical space.



Case Study Model: Moriyama House *Ryue Nishizawa*

This model removes the interiors of Moriyama House, emphasizing the surrounding green and open spaces where daily life unfolds. By highlighting negative space with a soil-filled tray, it reveals the home's deep connection to nature and outdoor living.



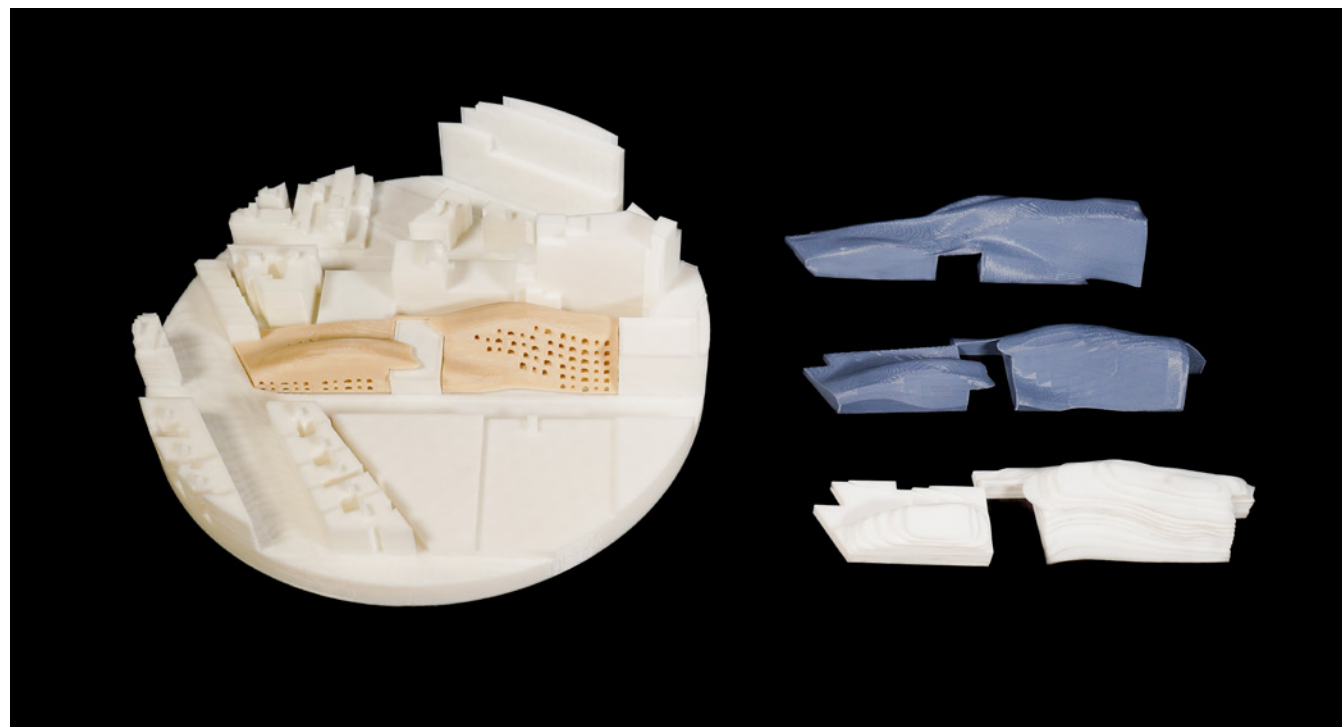
Massing Concept

The massing concept propose the reimagination of urban living by integrating natural landscapes with built environment. Inspired by the undulating contours of a mountain, the massing blends into the bustling landscape of Harlem



Massing Model

In response to the Green Oasis Drought in Harlem, this model challenges urban density by fully integrating housing with nature, proposing a future where living spaces become 100% greenspace



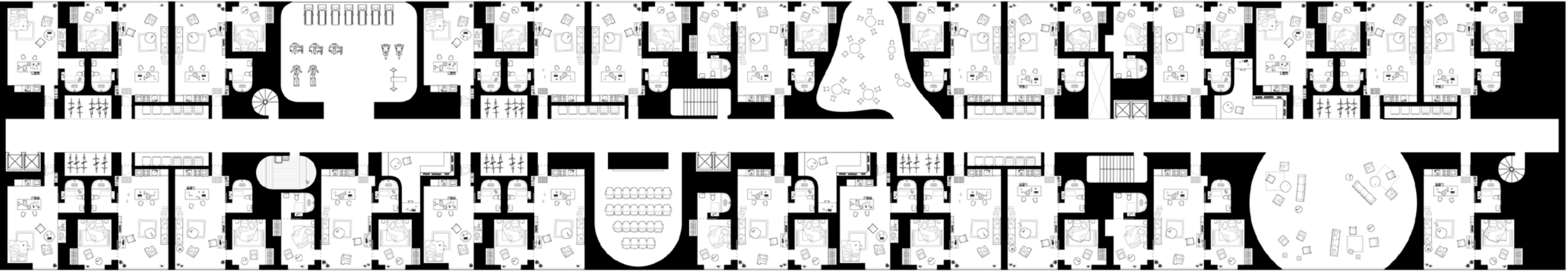
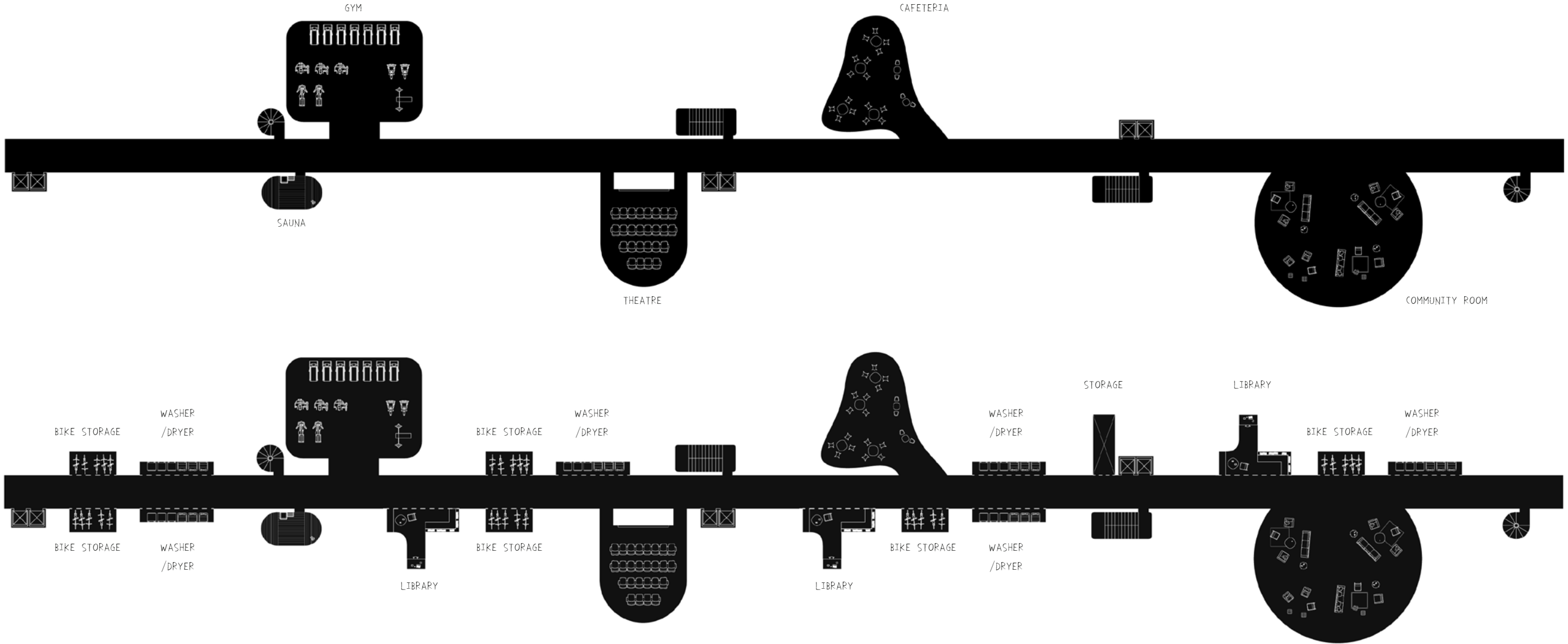
Form Development

Iterations exploring the architectural form and its immediate surroundings. By boldly incorporating forms from the natural world, the concept challenges the conventional boundaries between urban development and wilderness



Massing Model

16" x 6" x 4"
PLA Filament, Wire mesh, Foliage



Typical Floor Plan

The typical floor plan shows the aggregation of different units with an array of amenities and secondary program.

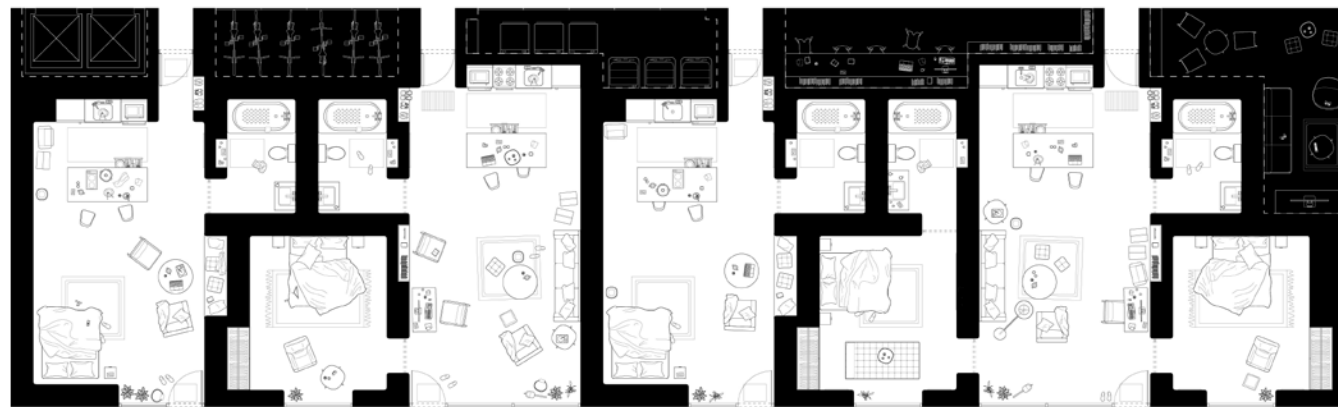


Studio Unit 500 sqft

One Bedroom Unit 750 sqft

Two Bedroom Unit 1000 sqft

Typical Unit Plans



Unit Aggregation Model

The aggregation of the units follows the "design by subtraction" principle to craft spatial arrangements and optimizing the efficient use of space along the building's primary edges while guaranteeing sufficient natural light for each residential unit



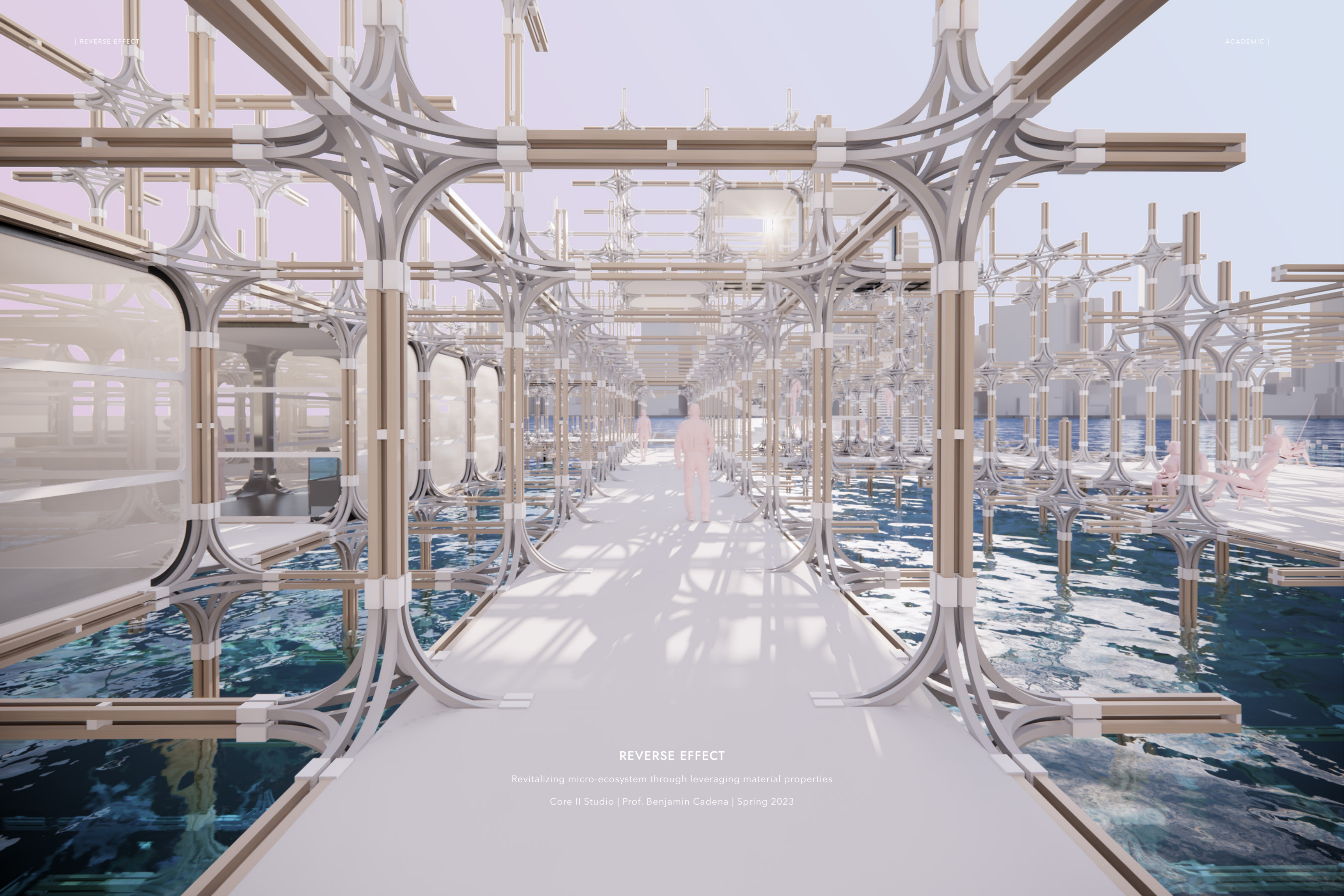
Cave Dwelling in the City

Inspired by the tranquil refuge of caves, this residential concept offers a harmonious sanctuary amidst the bustling urban landscape. Cave Dwelling in the City represents a pioneering approach to urban living, where residents can enjoy the best of both worlds - the restorative power and nature and the vibrancy of urban living



HouseScape: A Living Ecosystem for Harlem's Future

Housescape envisions an urban landscape where housing and nature merge seamlessly, transforming the city into a living ecosystem. Drawing inspiration from natural terrains and the human history of domesticating mountains, this project prioritizes wellness by integrating living spaces that promote healing and connection with nature, cultivating a resilient and accessible urban future for Harlem



REVERSE EFFECT

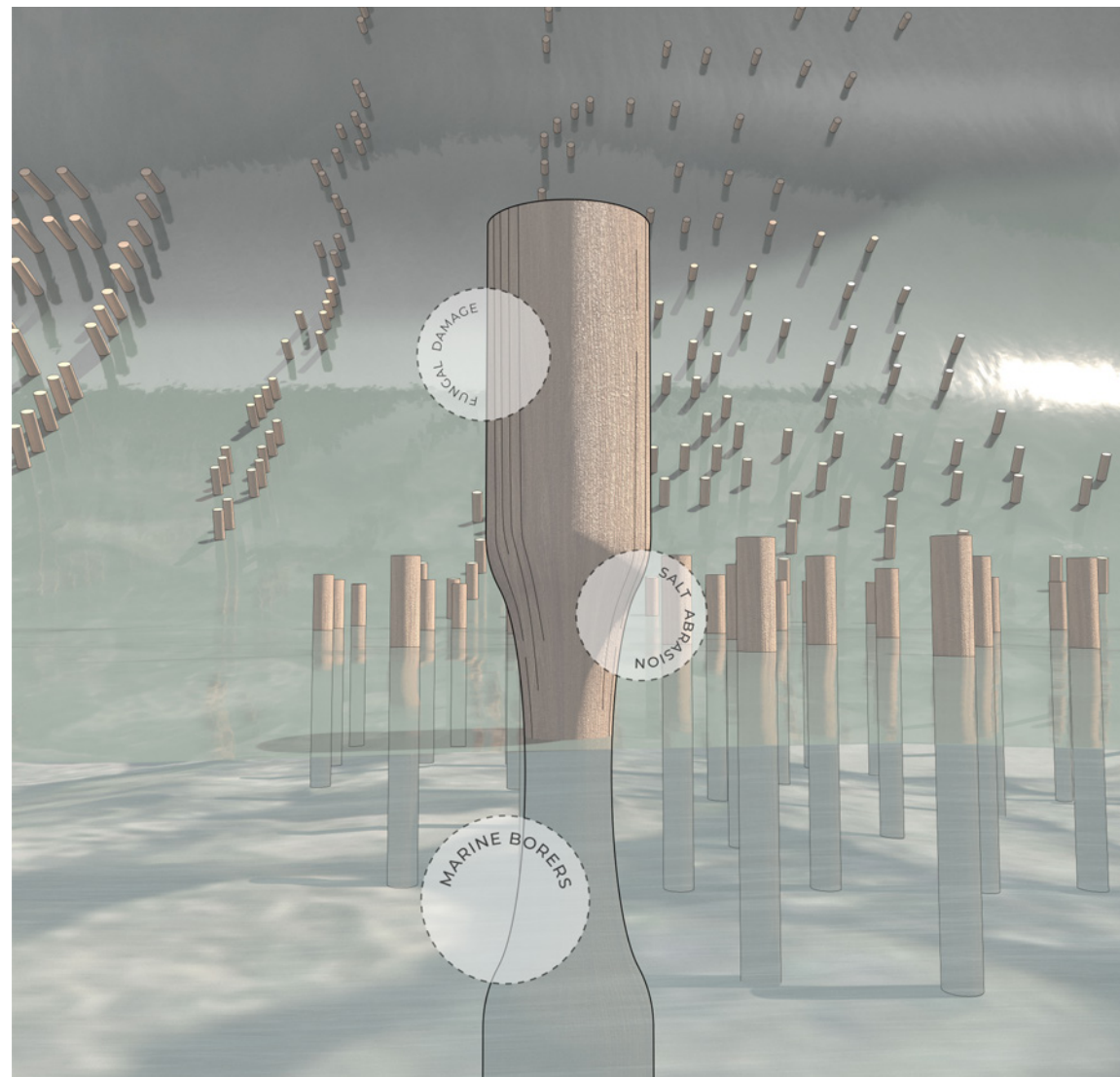
Revitalizing micro-ecosystem through leveraging material properties

Core II Studio | Prof. Benjamin Cadena | Spring 2023

REVERSE EFFECT

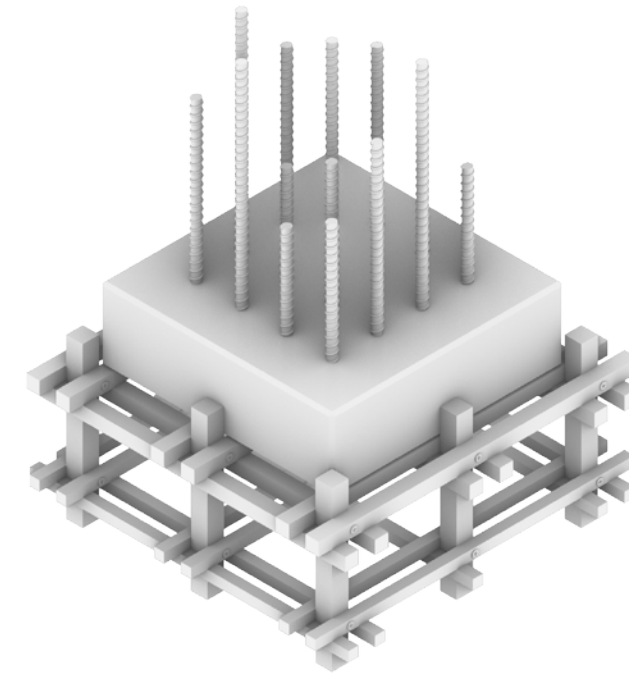
The inception of New York City's waterfront industrialization took place nearly a century ago, and by the 1890s, the New York Harbor had earned the distinction of being one of the busiest ports globally. Nevertheless, this industrial development persisted for over a century and left behind low water and sediment quality, causing substantial disruptions to marine ecological communities. This alteration has imperiled numerous species and negatively impacted the recreational experience of the area. Over the course of a century, the city's industrial backbone shifted away from the rivers, rendering many of the Hudson and East River warehouses abandoned and much of the city's piers obsolete.

To address these issues, this project aims to revitalize and enhance the underwater ecological environment by utilizing materials above and below the waterline. The project features a modular system that penetrates the waterline and expands over time, transforming the area into a self-sustaining ecological community. Its ultimate goal is to encourage symbiosis between humans and the underwater ecosystem.



The Decay of Timber Piling Foundation

The investigation of the deteriorating remains of the decommissioned piers in the Hudson River uncovered the century-long history of industrial development that has led to poor water quality, disruption of marine ecosystems, and threats to various species



Damage Model Concept

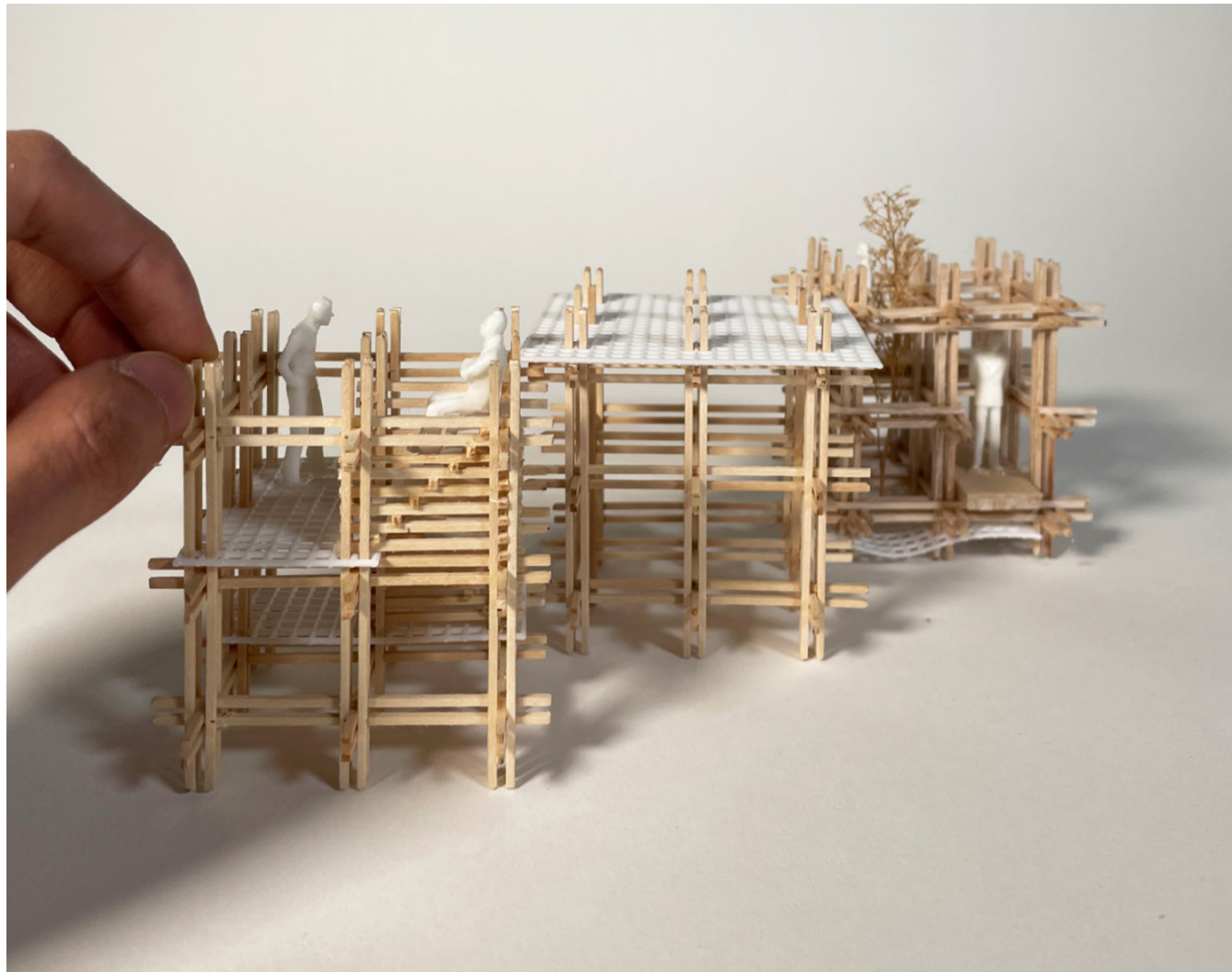
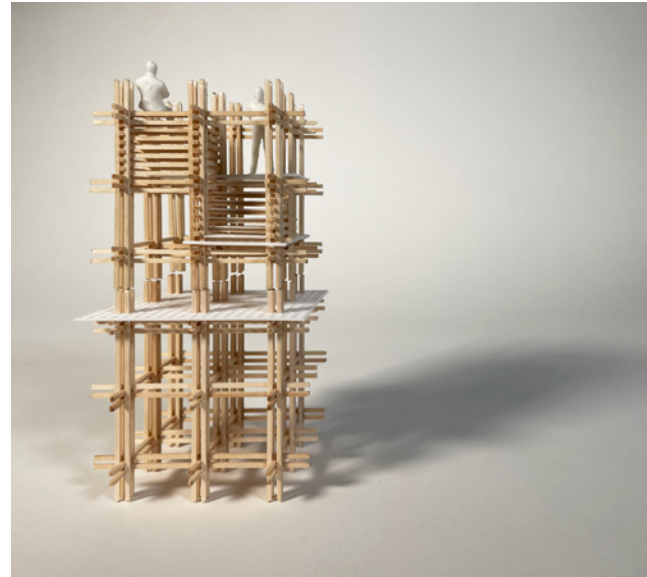
This model is designed to be a self-supporting structure using a range of materials that has been corroded, smashed, and burned. The idea is to examine the tectonic opportunities of decayed or damaged materials. To embrace material decay as opportunities and weakness as strength



Damage Model

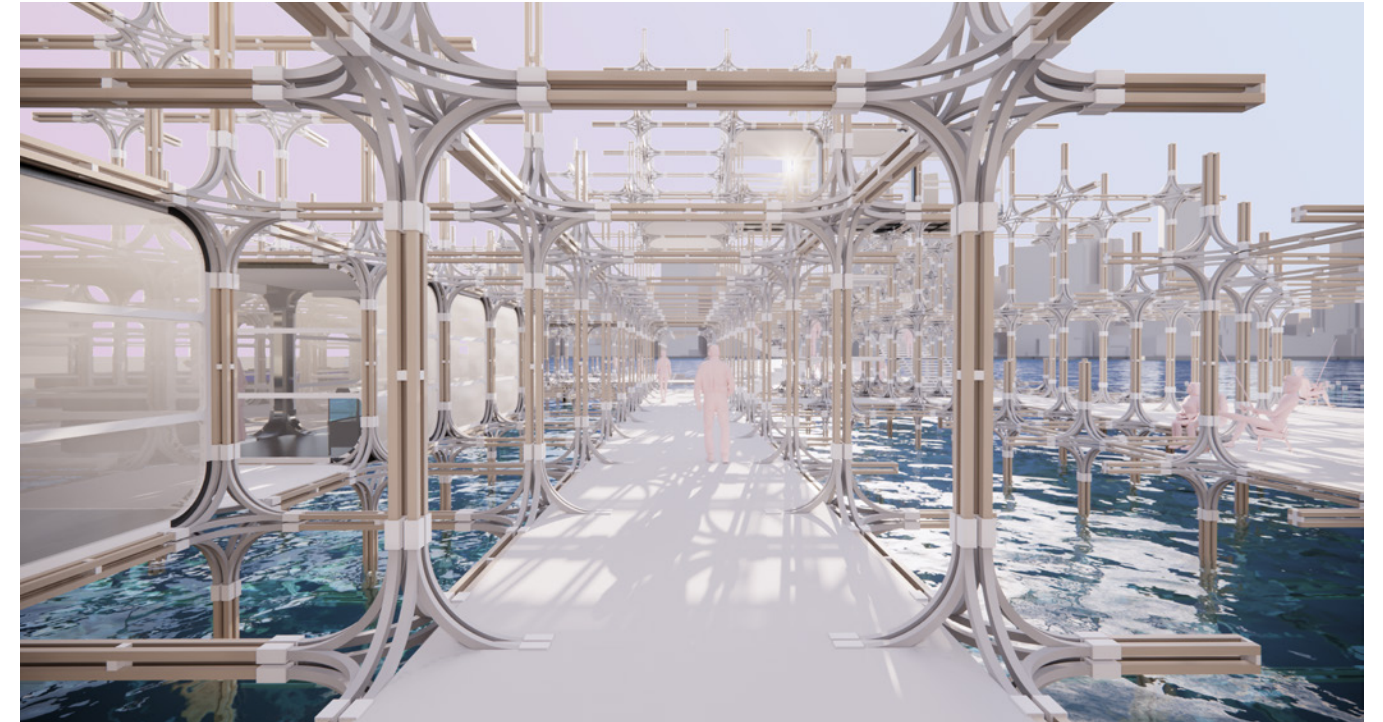
16" x 16" x 12"

Burnt wooden sticks, Rockite, Corroded rebars



Study Model

The study model showcases a modular system that extends below the waterline and gradually expands over time. The study models explore diverse typologies of the modules and their various configurations



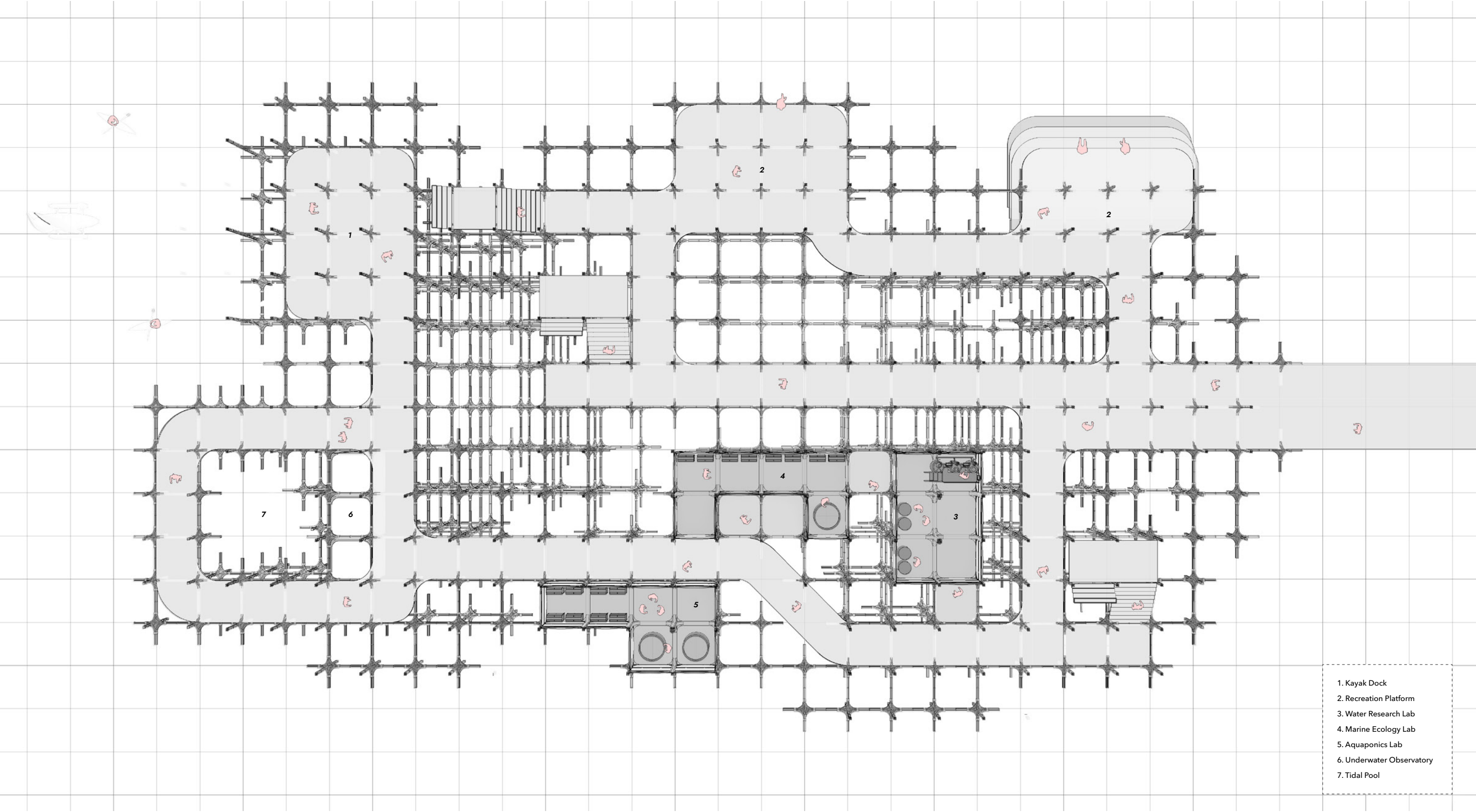
Common Space Perspective

The Common Space features elevated platforms and walkways that adapt to high and low tides, ensuring continuous public access to the waterfront and allowing people to engage with the river and its ecology



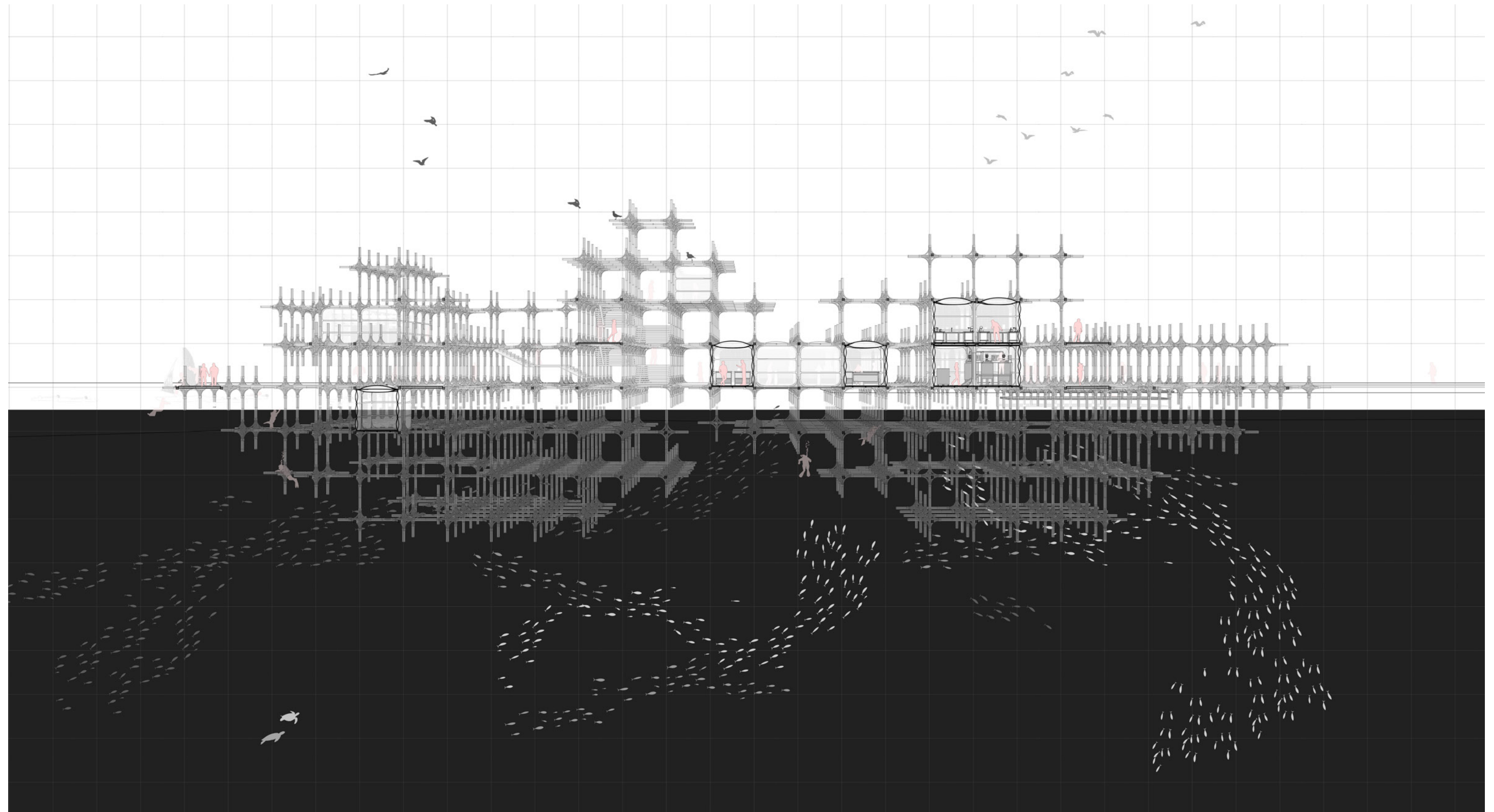
Marine Ecology Lab Perspective

The Marine Ecology Lab enables marine scientists to work and collect samples on-site. By positioning the lab closer to the water, it facilitates direct engagement with the environment while contributing to the rehabilitation of the underwater ecosystems directly beneath it



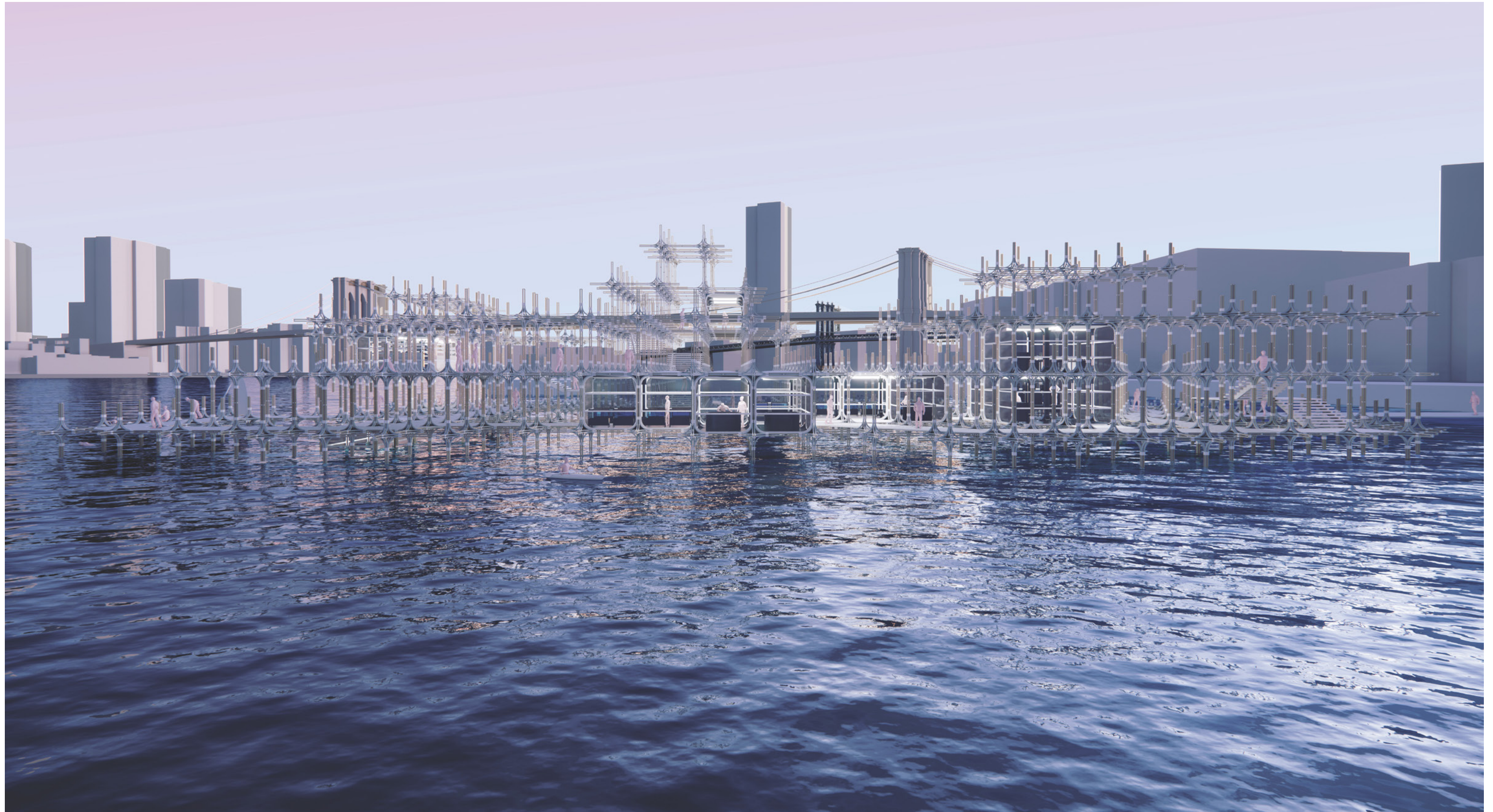
Floor Plan: Above Water Level

Reverse Effect creates an opportunity to connect the public with the ongoing rehabilitation of the Hudson River ecosystem through various programs. Visitors can enjoy water-related recreational activities on-site while also gaining knowledge to help sustain water quality and protect the ecosystem



Section

Reverse Effect aims to revitalize and enhance the underwater ecological environment by utilizing materials with specific properties above and below the waterline. The goal is to create artificial habitats that foster symbiosis between humans and aquatic species



Revitalizing micro-ecosystem through leveraging material properties

By fostering a symbiotic relationship between humans and the underwater environment, the project transforms the area into a self-sustaining ecological community. It restores marine life, encourages public engagement, and aims to reverse ecological damage, fostering a harmonious connection between people and the waterfront for a sustainable future

COUNTER-INFRASTRUCTURE

Revealing Dispossession through Counter-Mapping Exercise

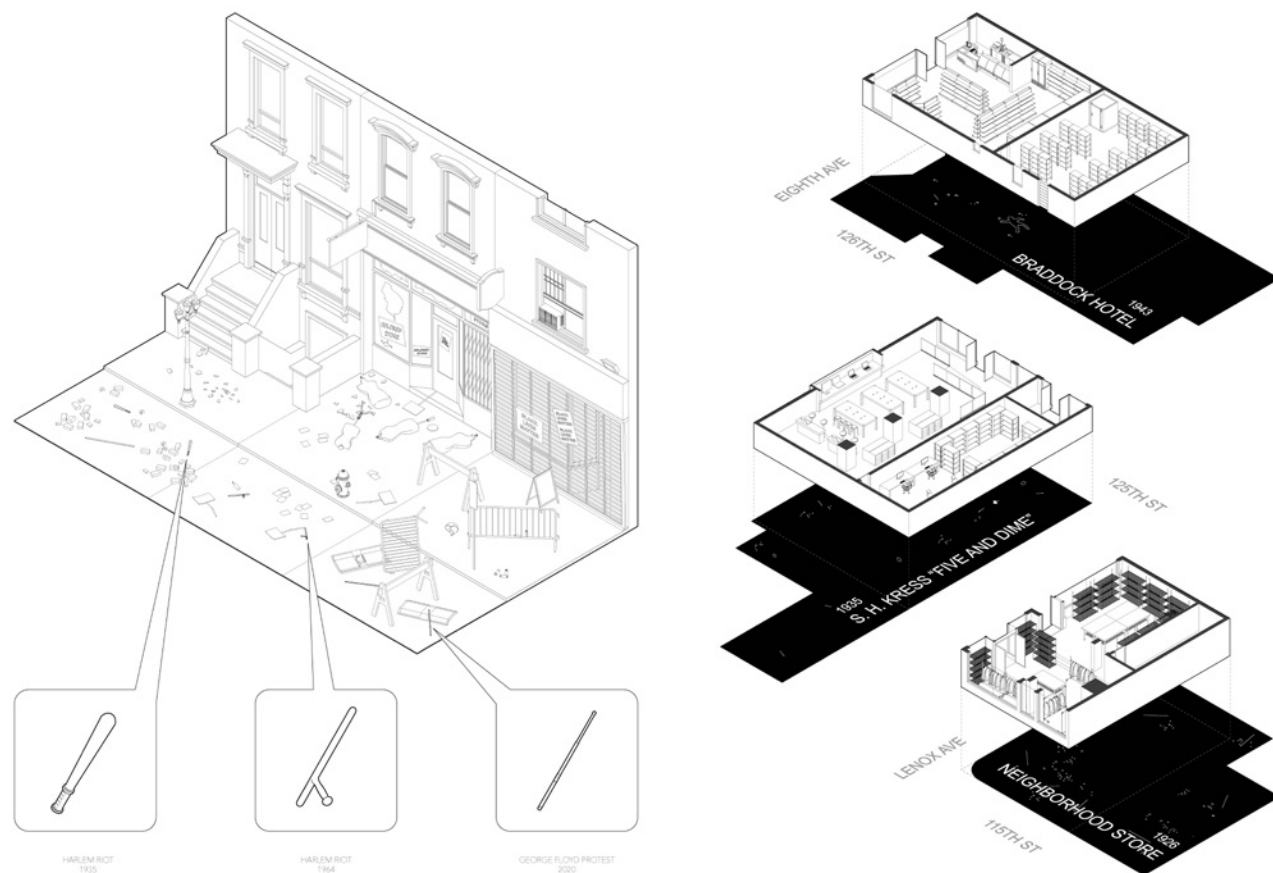
Core I Studio | Prof. Virginia Black | Fall 2022

COUNTER-INFRASTRUCTURE

The idea of this project is to examine police brutality which functions as a border structure, often instigated by the much more complicated systems behind it. By creating a counter infrastructure to make the system legible in the epicenter of this dynamic, Times Square. The design intervention was chosen to be situated in Times Square, one of the capitalistic centers of economy, politics, and diversity. It was placed right in between the NYPD Times Square center and the U.S. Armed Force Recruiting Station. It was then elevated 30 feet from the street level to visually intercept Broadway and the 7th Avenue. The intention is to disrupt the enormous visibility to the numerous digital billboards in Times Square and invite people to experience the counter-mapping exercise through this architectural apparatus.

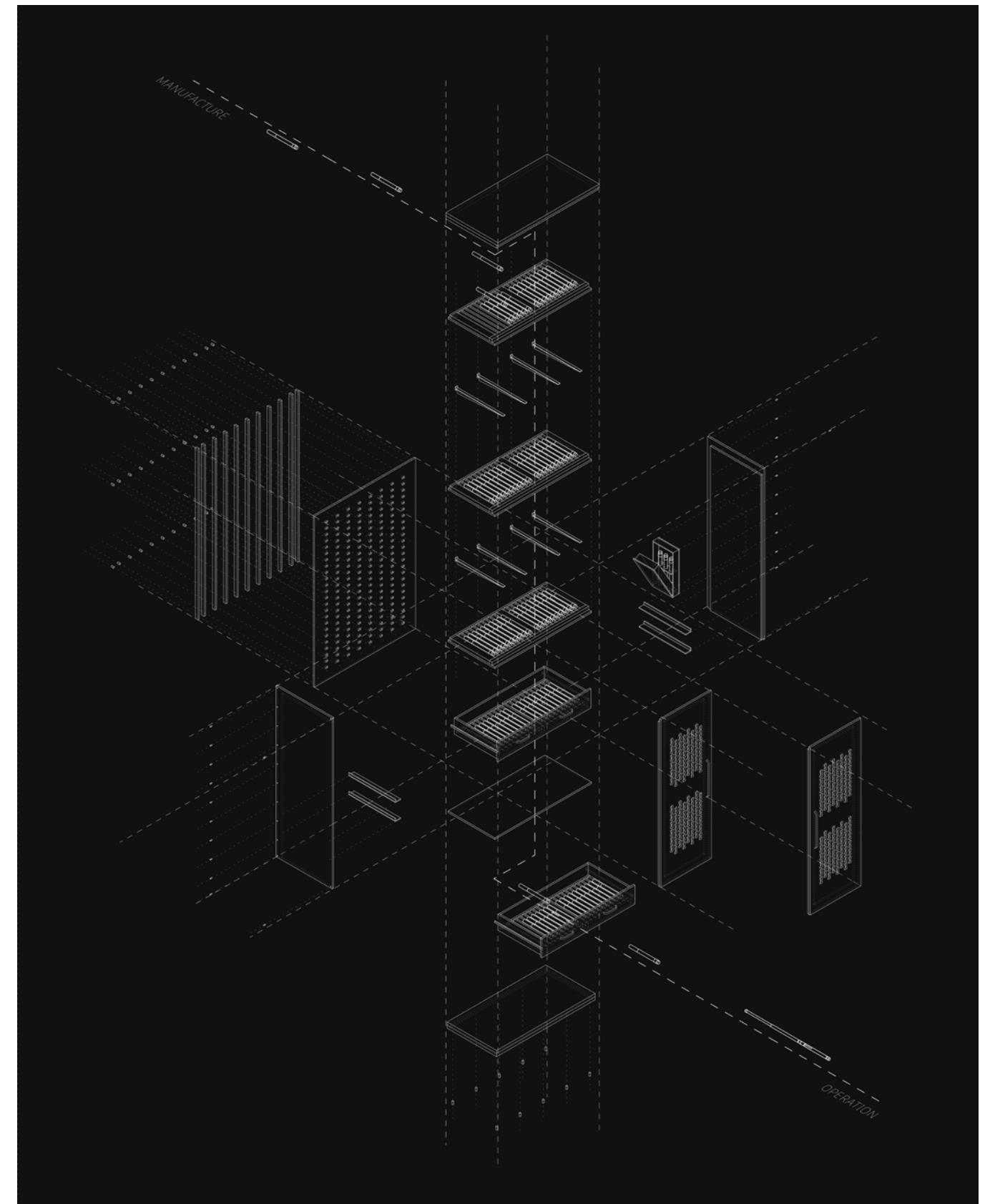
The goal is to counter-map Times Square, framing the billboards, the institutions, and the police apparatuses through the strategically positioned aperture as well as utilizing the light emitted from the billboards to interrogate racialized violence and dispossession.

This counter-infrastructure aim to provide a full experience to raise awareness about the seriousness of racial discrimination in policing, criminalization and dispossession, the trivialization of police brutality, and the intensification of social injustice.



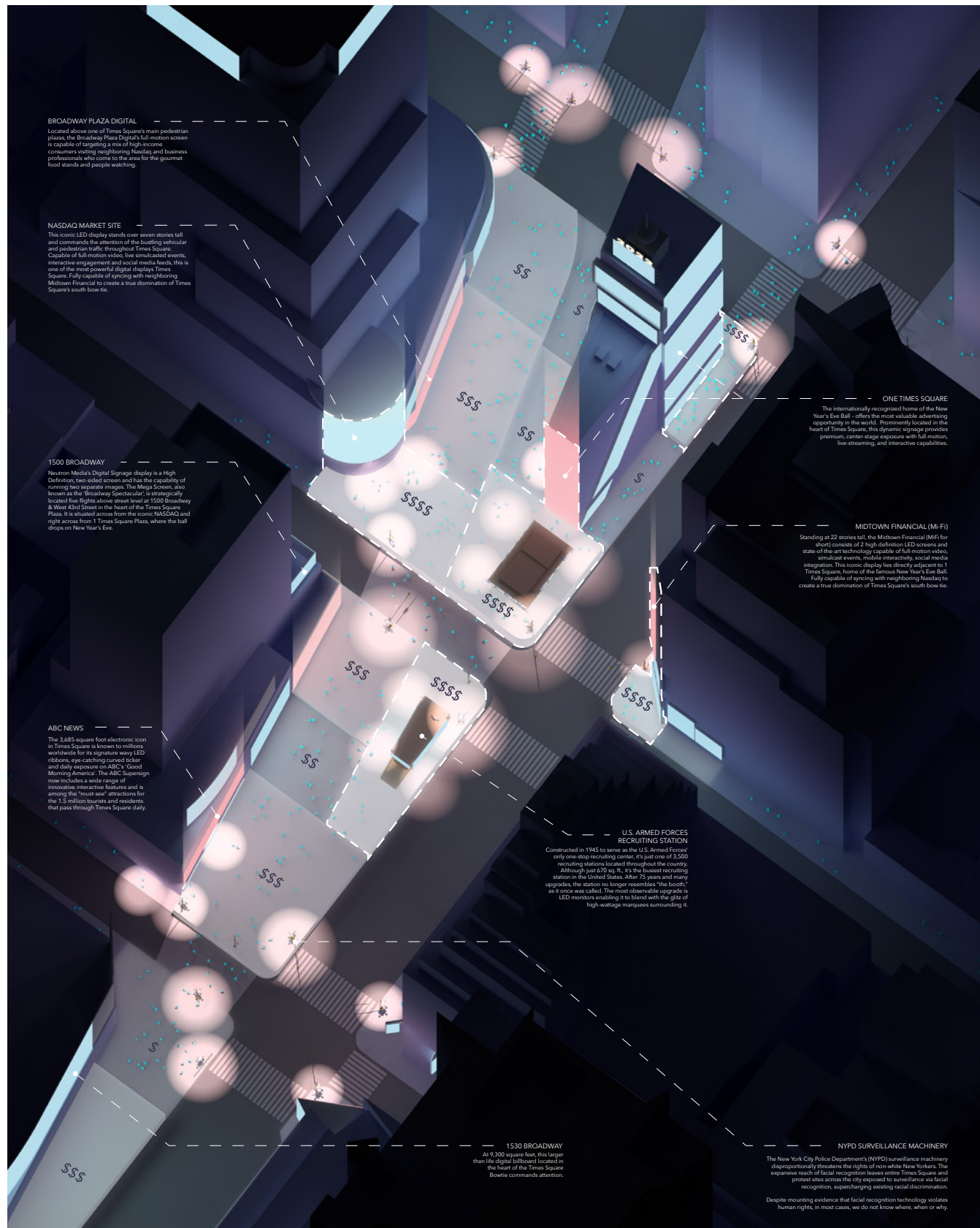
The Evolution of Police Batons

Riots that took place from the early 1930s to the late 1960s in central Harlem neighborhood due to redlining and expropriation. The augmentation of police brutality and the intensification of racial injustice started to manifest itself through the evolutions of the police baton and the amplifying aftermath of each event



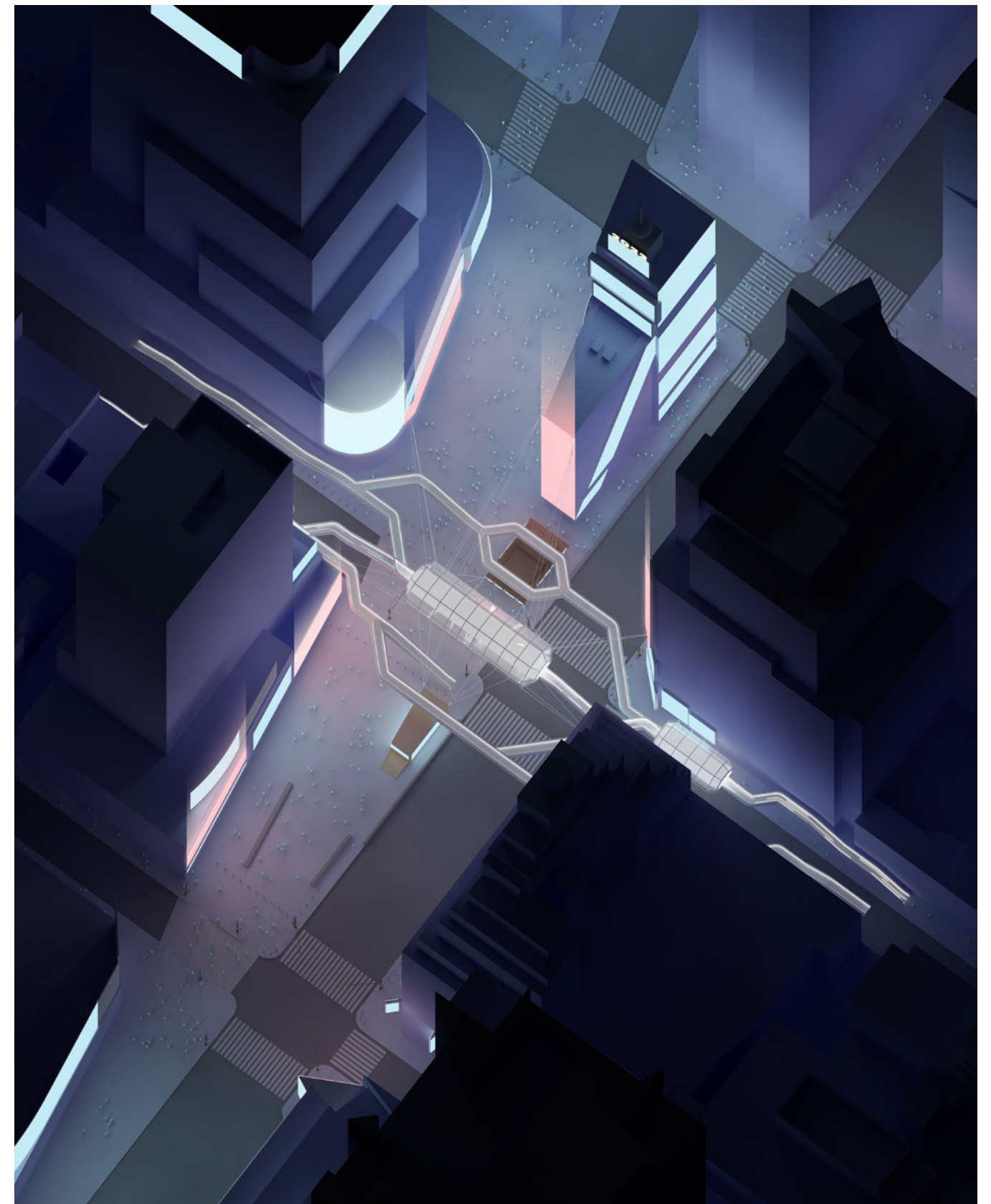
The Destruction of Police Specialised Equipment Storage

The drawing indicates the movement of police batons from manufacture to operation. The highly-organized Police Baton Storage draws a sharp contrast between the batons in the state of use and the batons in the state of storage



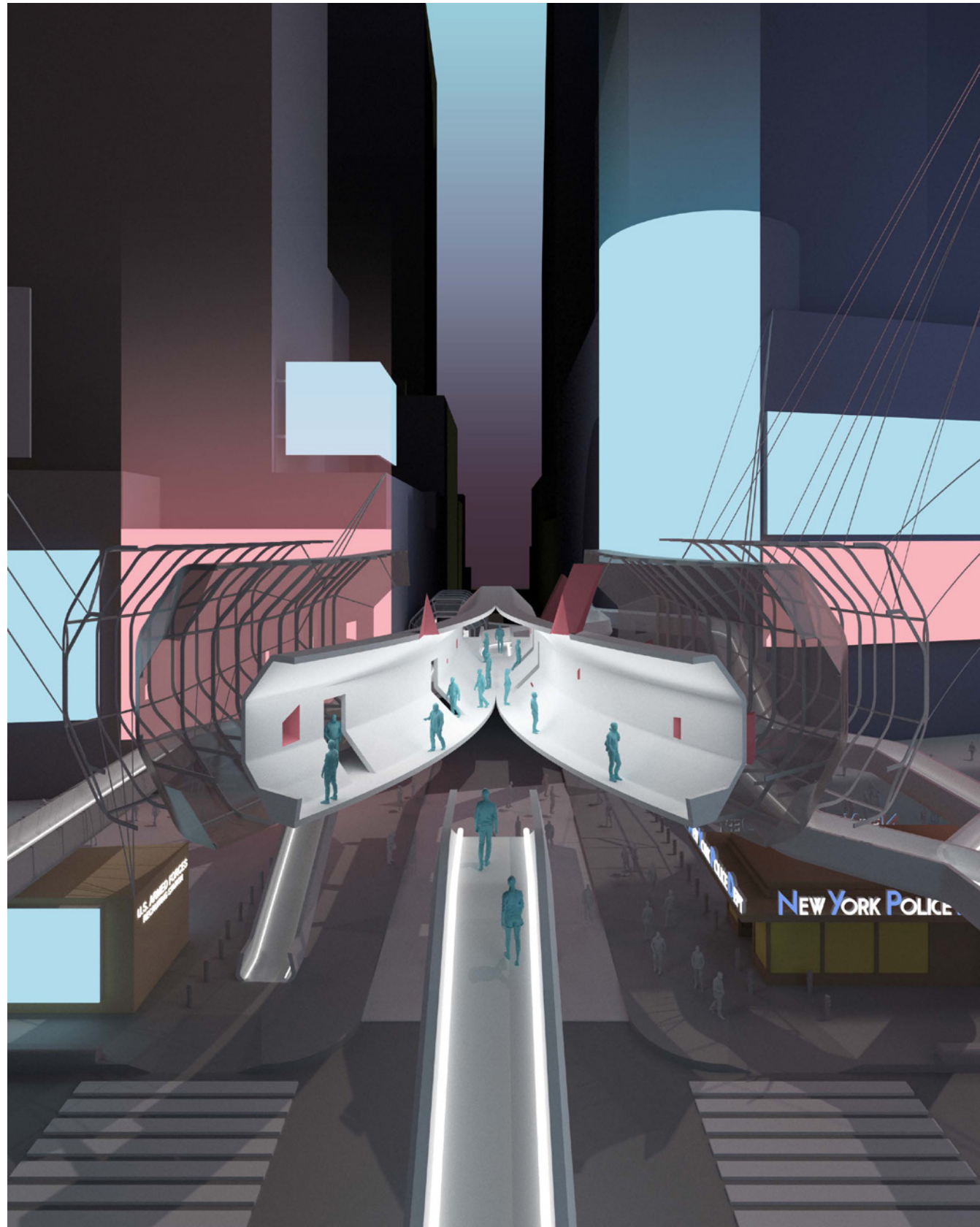
The Hyper-fragmentation of Real Estate at Times Square

The hyper-fragmentation of the real estate at Times Square that potentially leads to the expropriation. The diagram reveals the rampant growth of police surveillance and the over-policing situation at Times Square



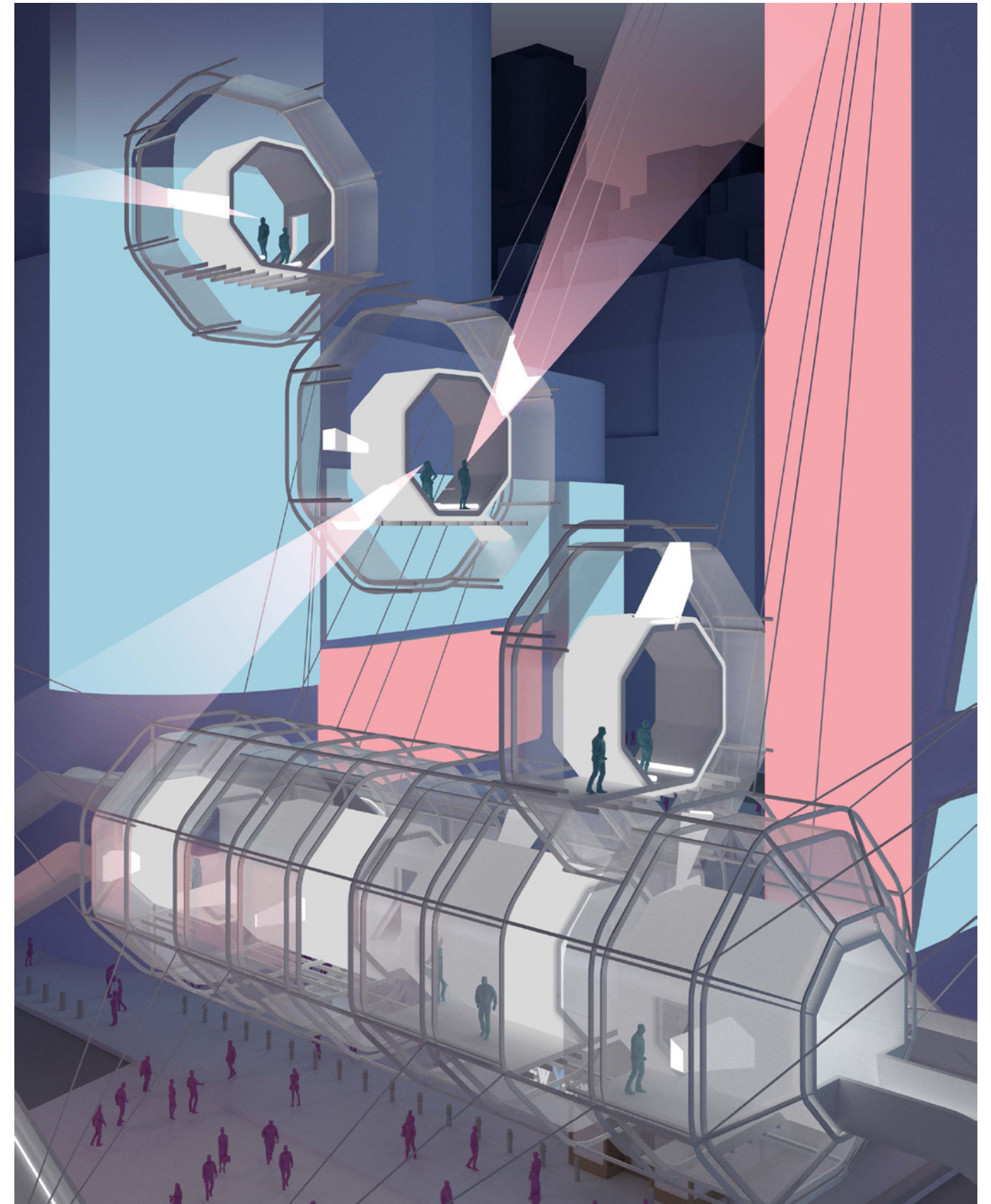
Design Intervention

This counter-infrastructure aim to provide a full experience to raise awareness about the seriousness of racial discrimination in policing, criminalization and dispossession, the trivialization of police brutality, and the intensification of social injustice.



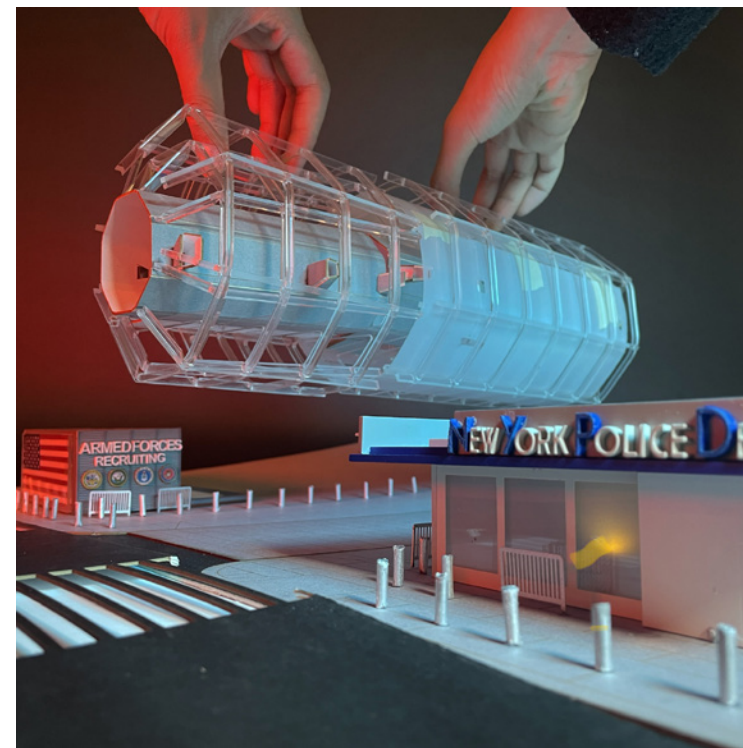
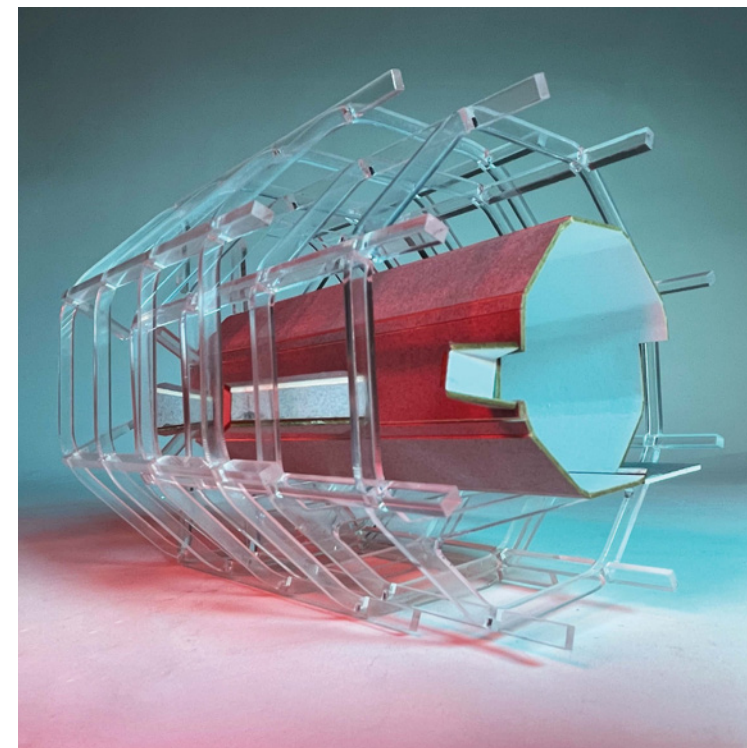
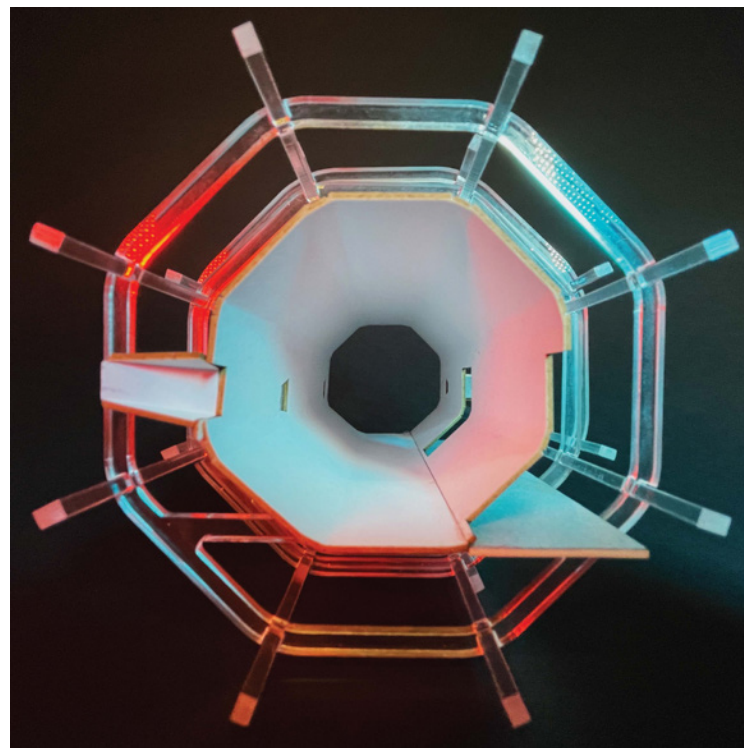
Intersection of Power

The design intervention was chosen to be situated in Times Square, one of the capitalistic centers of economy, politics, and diversity. It was placed right in between the NYPD Times Square center and the U.S. Armed Force Recruiting Station



Framing Power

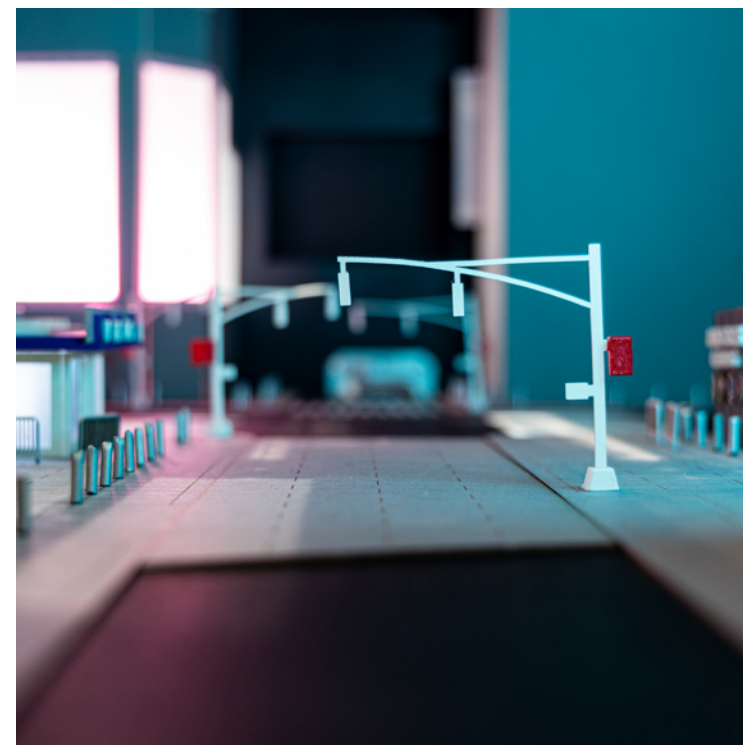
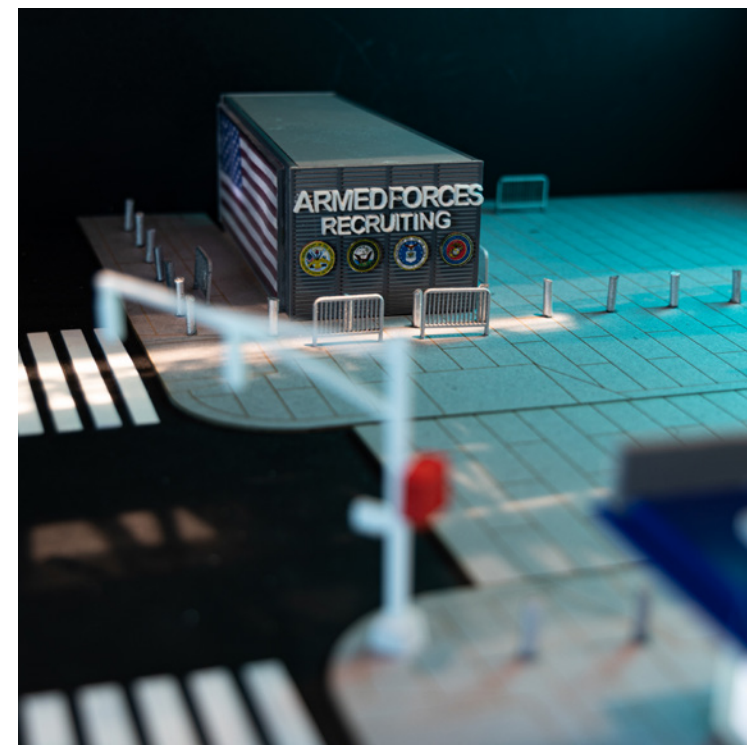
Exploded Section showing the direct visibility of the billboards and the police apparatuses from the apertures



Design Intervention Model

18" x 6" x 6"

Clear acrylic, Mat board, Acetate sheets



Inverted Aperture Model

48" x 24" x 24"

Medium-density fibreboard, Clear acrylic, Mat board, Wooden dowels, Nylon wire, LED Lights

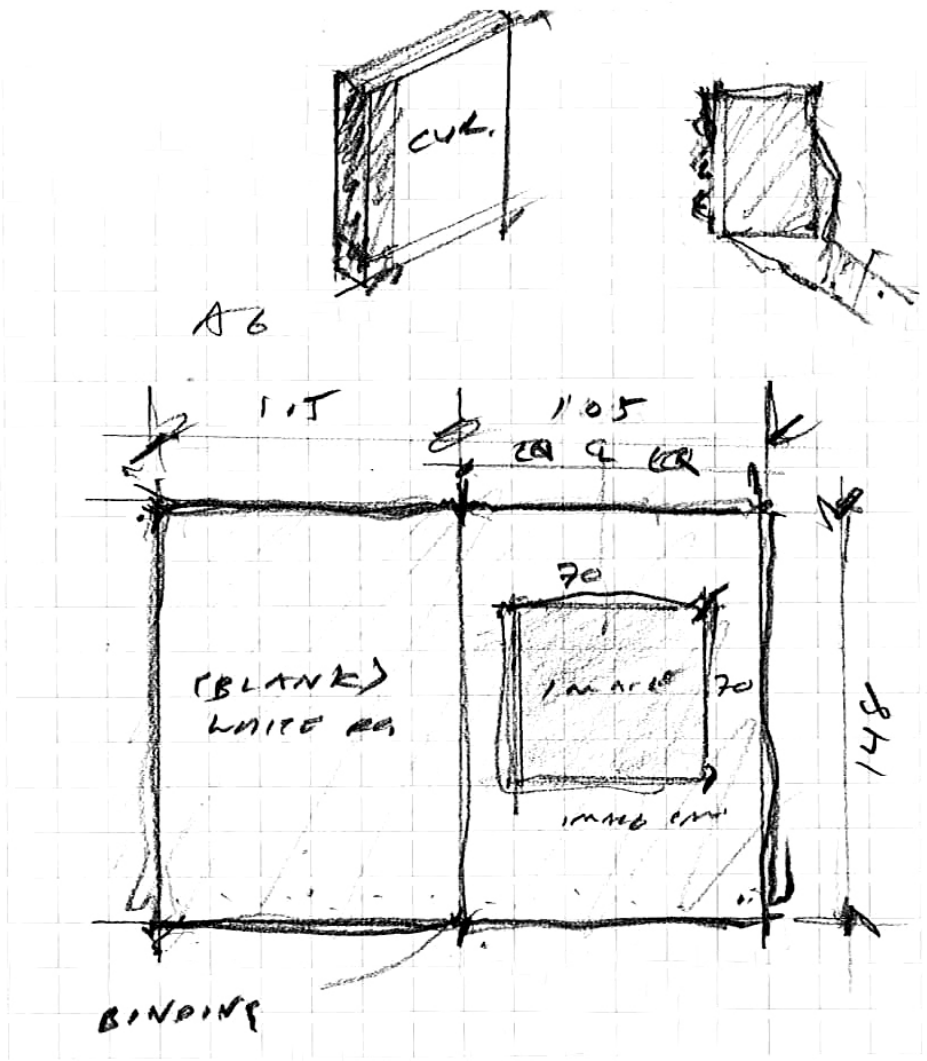
PERSONAL
PHOTOGRAPHY

EXPERIENCE MUSEUM

Personal | Documentation | 2020

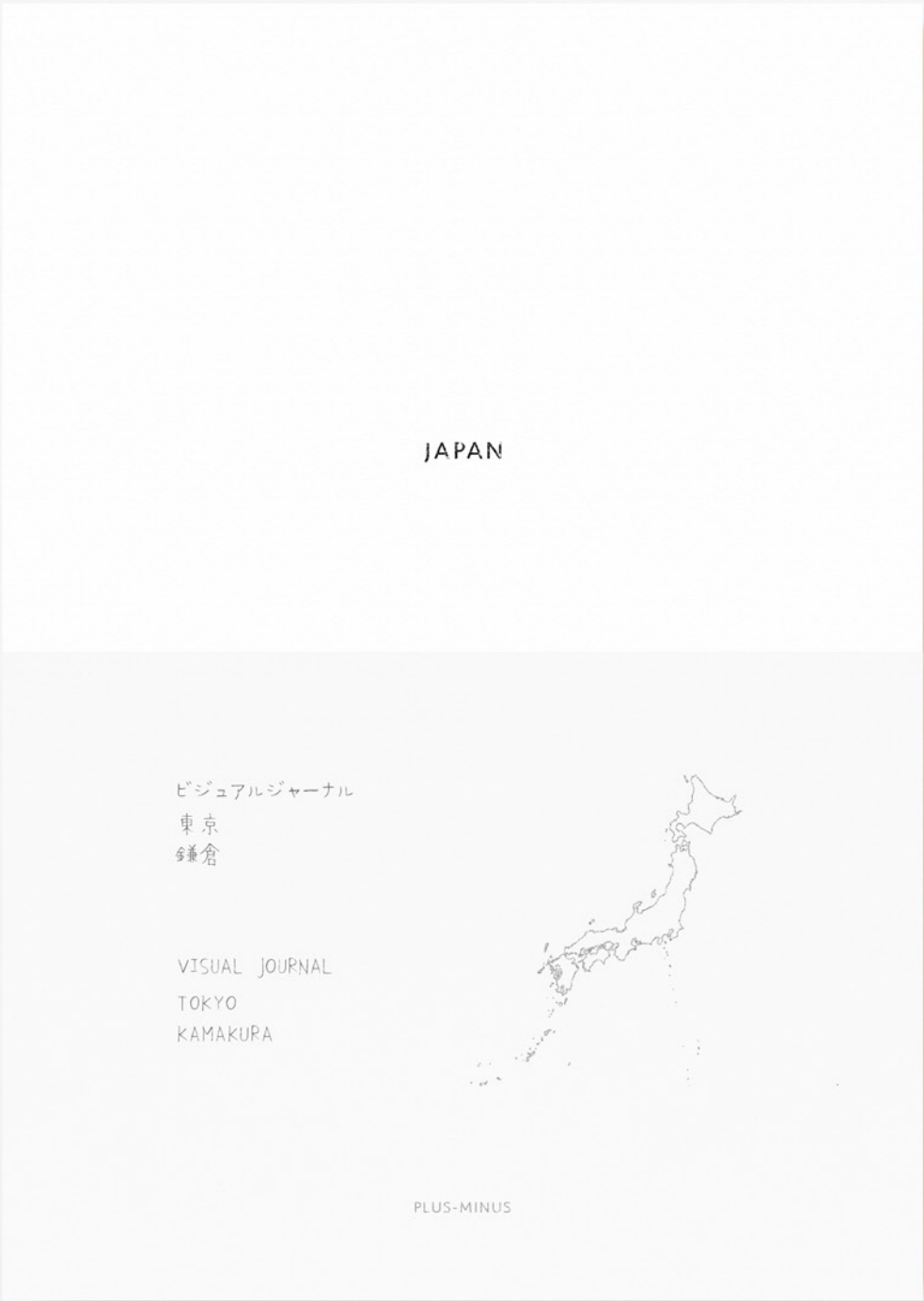
Travel and documentation is one of the many things that influences an individual's design thinking. Rather than seeing this project as a photography portfolio, it is a museum to house my experiences while traveling around the world. These visual databases are used as sources of inspiration and reflection through critical inquiry.

Inspired by the wabi-sabi aesthetics, the cover design of the book follows a minimalist and modest approach. The title is stamped on the cover of the book and the text on the belly band is handwritten to underline a sense of craftsmanship and reveal the beauty in imperfection. The white paper cover of the book will wear out over time, showing the concept of transience.



Concept Sketch

Early concept of book layout, size, composition, cover design, and binding technique

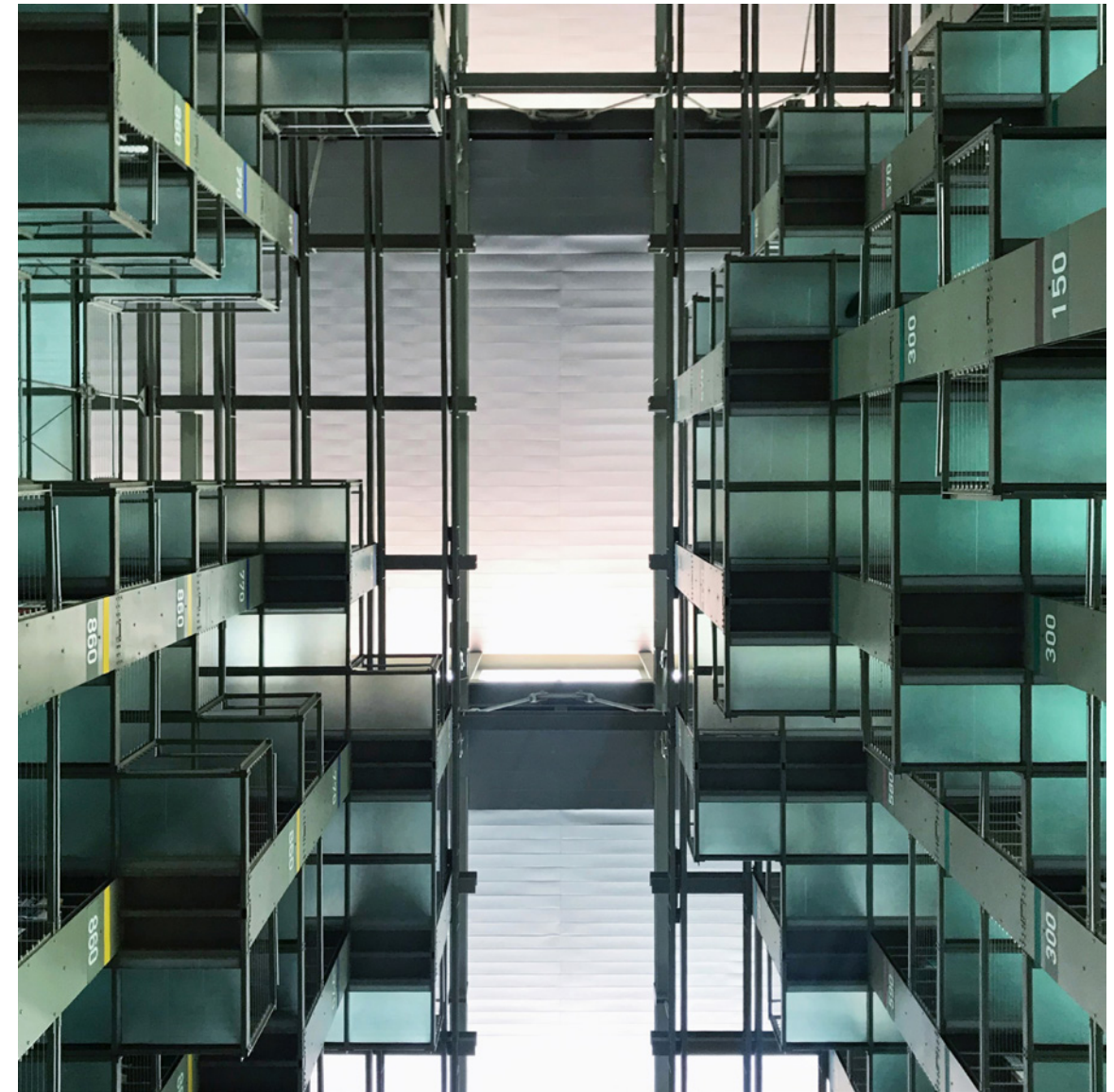






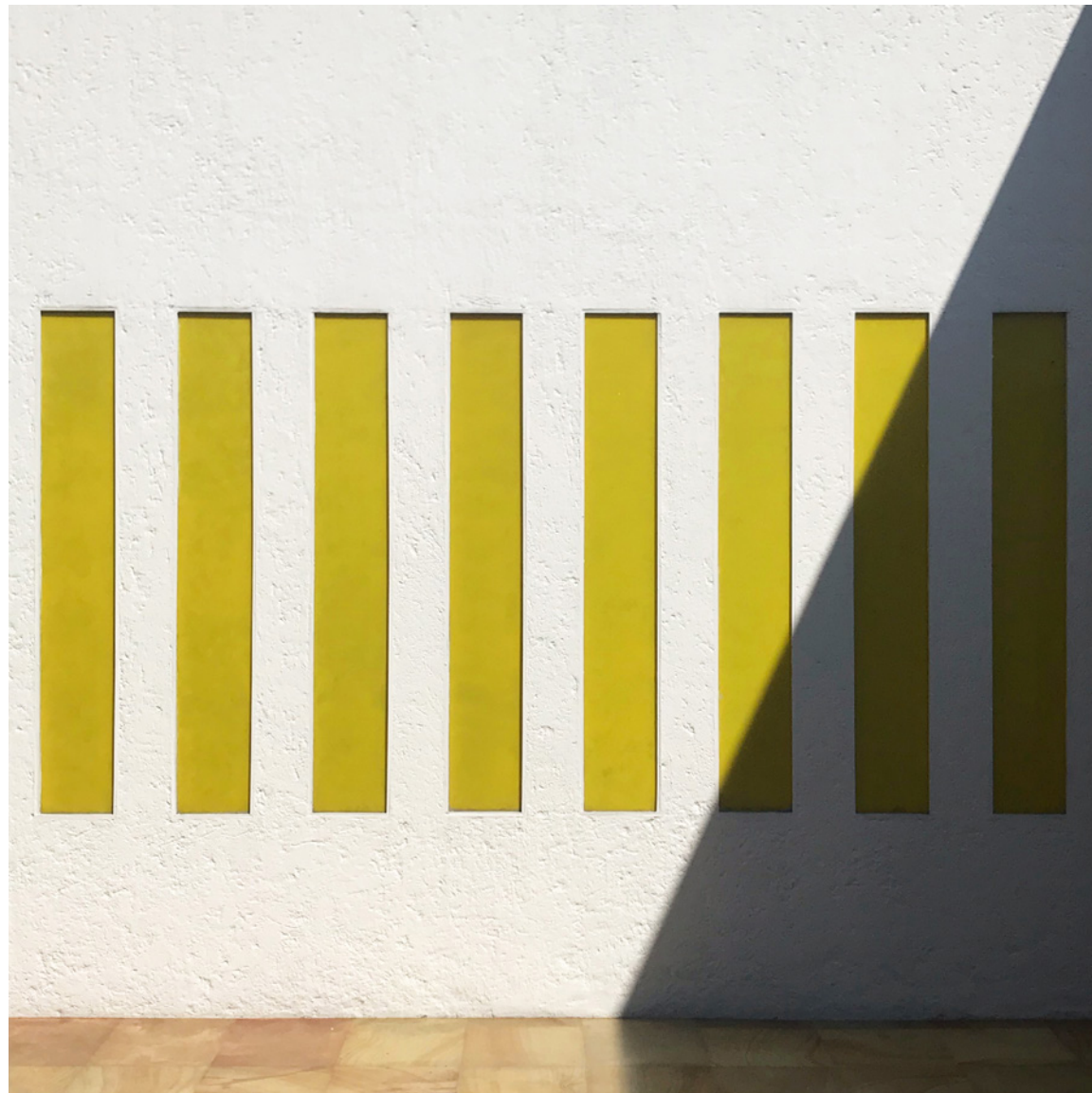
Sunny Hills at Minami-Aoyama | Tokyo, Japan

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ISO 200



Biblioteca Vasconcelos | Mexico City, Mexico

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1/40 Sec
ISO 200



Casa Gilardi | Mexico City, Mexico

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1/800 Sec
ISO 100



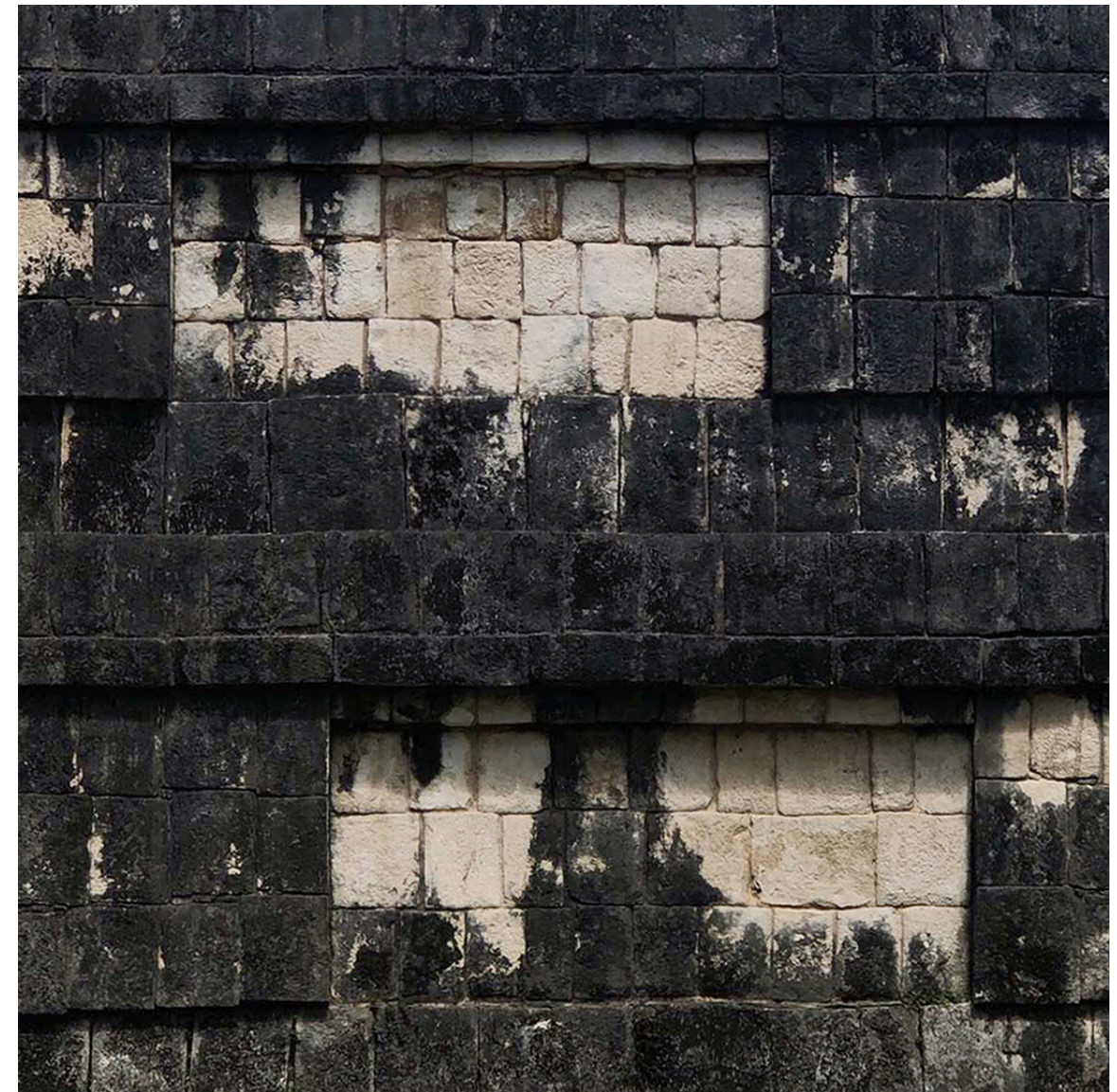
National Art Schools | Havana, Cuba

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ISO 200



AZULIK Uh may | Tulum, Mexico

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1/20 Sec
ISO 200



Chichen Itza | Yucatan, Mexico

f/8.0
1/400 Sec
ISO 100

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