











A PORTFOLIO OF ARCHITECTURAL EXPLORATION

FROM THE OUTSIDE IN

GSAPP M'ARCH 2024 By JamonZixuan Mok



COREI

BROADWAY STORIES

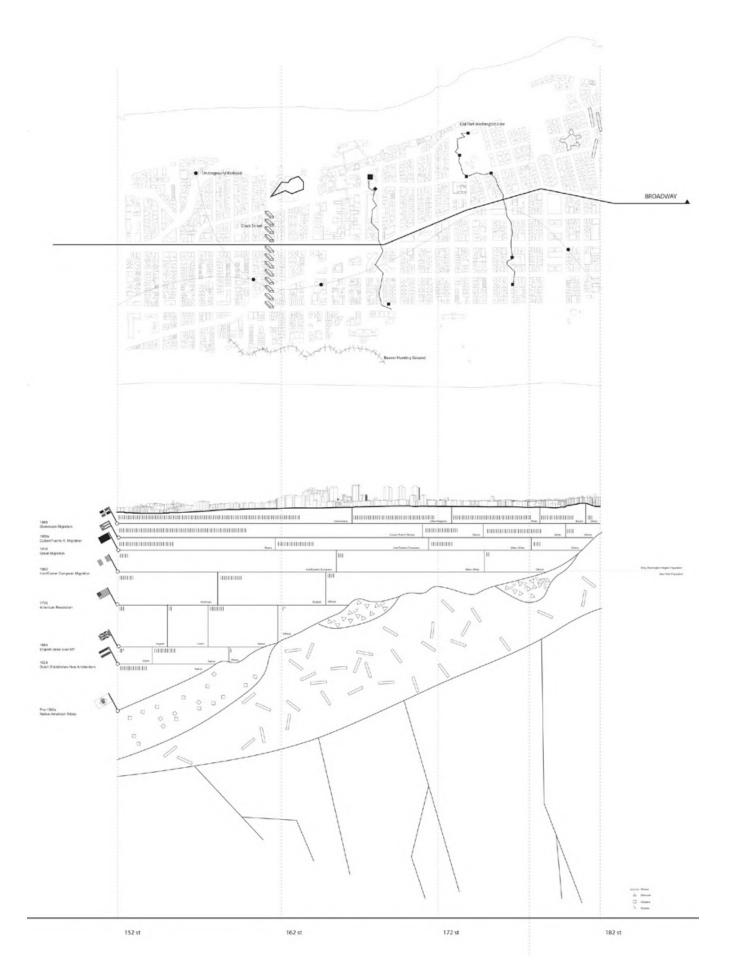
BROADWAY ON AIR

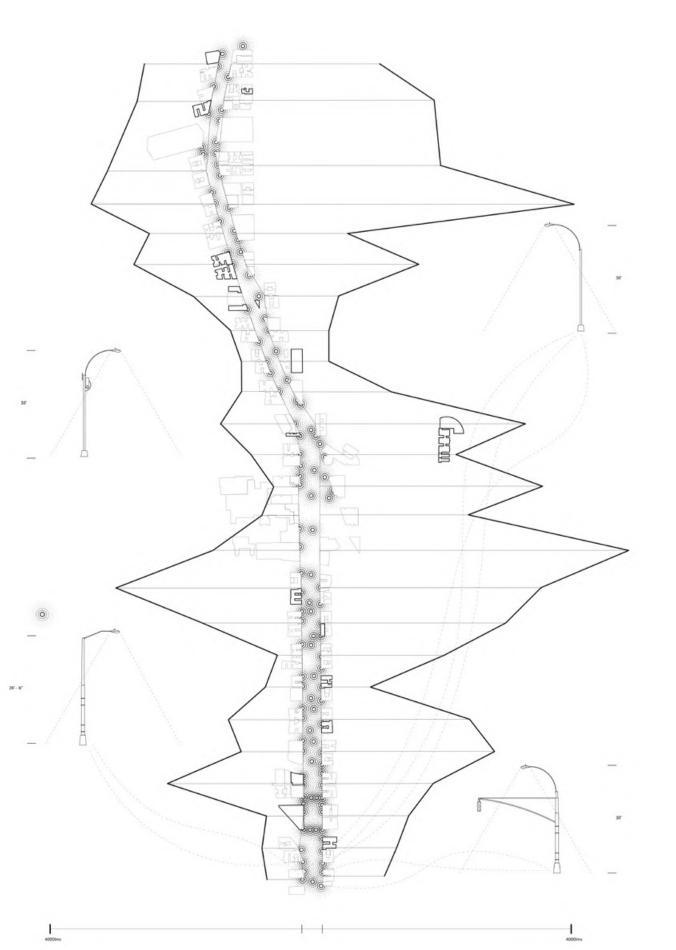
Instructor: Miku Dixit Studio: Columbia University GSAPP Core I, Fall 2021

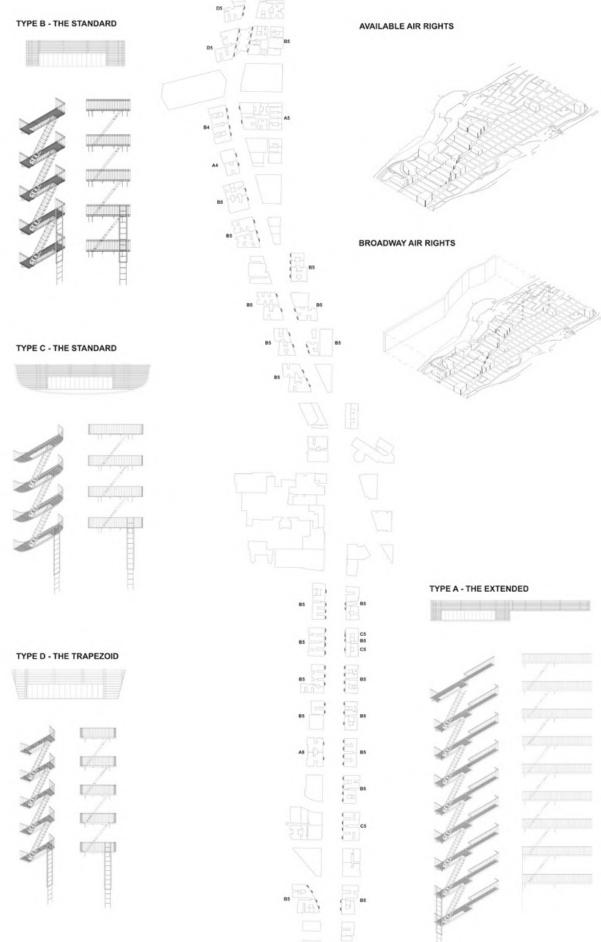
When the grid fractures, an orphan plot is born. Broadway on air looks at how air rights from disparate organizations could be utilized to activate orphan plots in New York City to create community-centered Architecture.

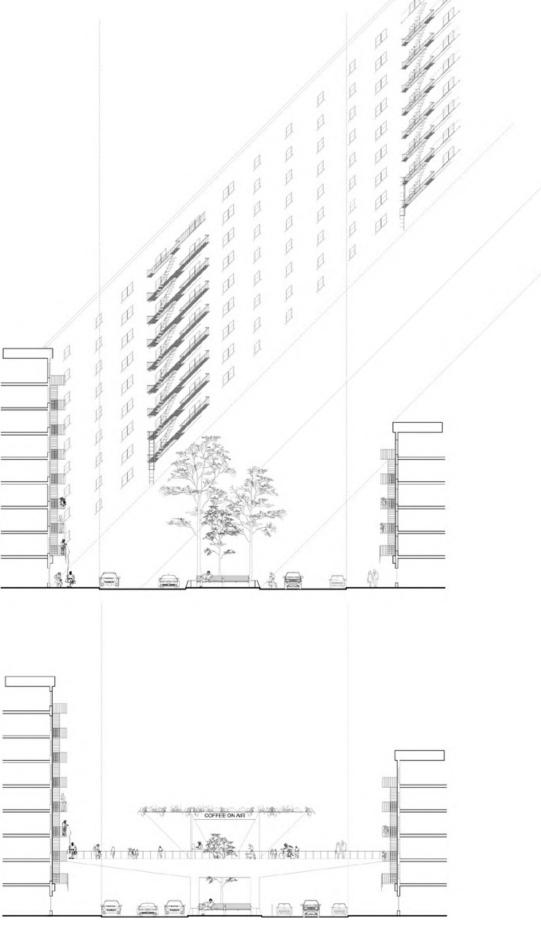






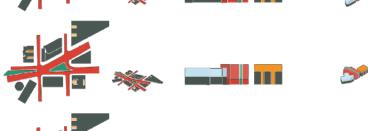








AIR RIGHTS ANALYSIS OF 169-170 JUNCTION













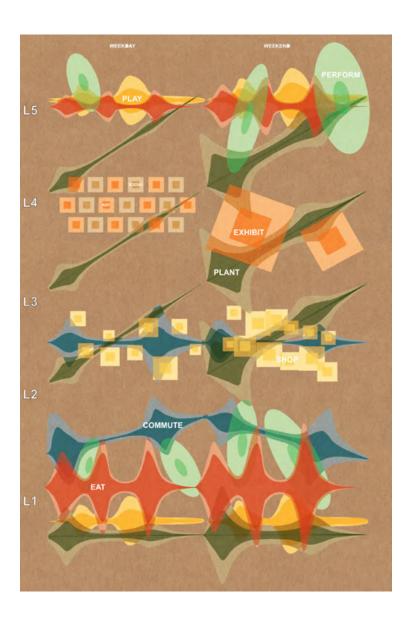














ADR

ARCHITECTURAL DRAWING & REPRESENTATION

NAKAGIN CAPSULE TOWER

Instructor: Josh Uhl

Studio: Columbia University GSAPP Architectural Drawing & Representation I, Fall 2021

Exploring new ways to represent Architecture, the Nakagin Capsule Tower was represented through the lens of time, with the imagined and actual realities represented in each tower of the model, and its lived reality expressed through an exploded axonometric and a perspective collage drawing.







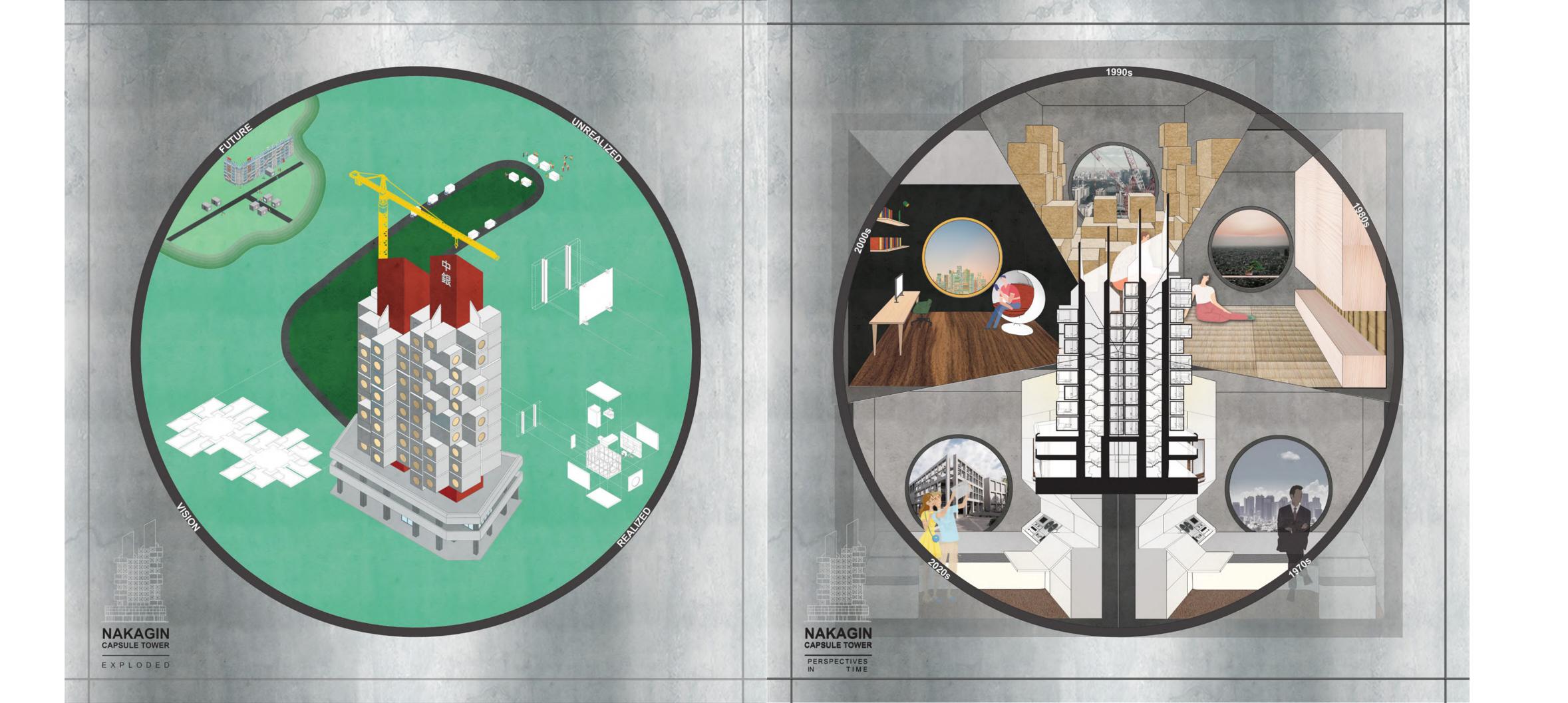








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SITE TRANSPORT



NEIGHBOURHOOD DEVELOPMENT **OVER TIME**

OPEN FRAMEWORKS

Instructor: Benjamin Cadena Studio: Columbia University GSAPP Core II, Spring 2022

Against a backdrop of crumbling schools in America, Open Frameworks envision a future of modular schools with a kit of parts that every stakeholder has an opportunity to participate in the design of.



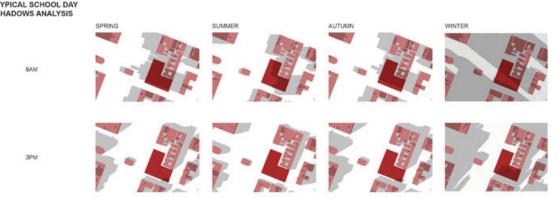
SITE ANALYSIS

ENVIRONMENTAL + LOCAL CONDITIONS

SITE STRATEGY

Augment Roosevelt park as an interesting offshoot to the linear connector and provide public space that will serve to complement the lack of open space in the park. Maintain porosity and diversity of the neighbourhood by engaging in a dialogue according to the ebbs and flows of the energy within the neighbourhood.

Be sustainable through being environmentally responsive by tailoring it to the seasons and local conditions.

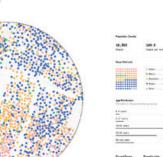


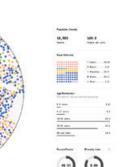


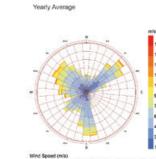




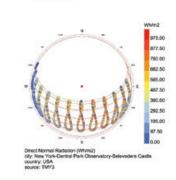




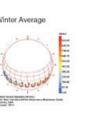














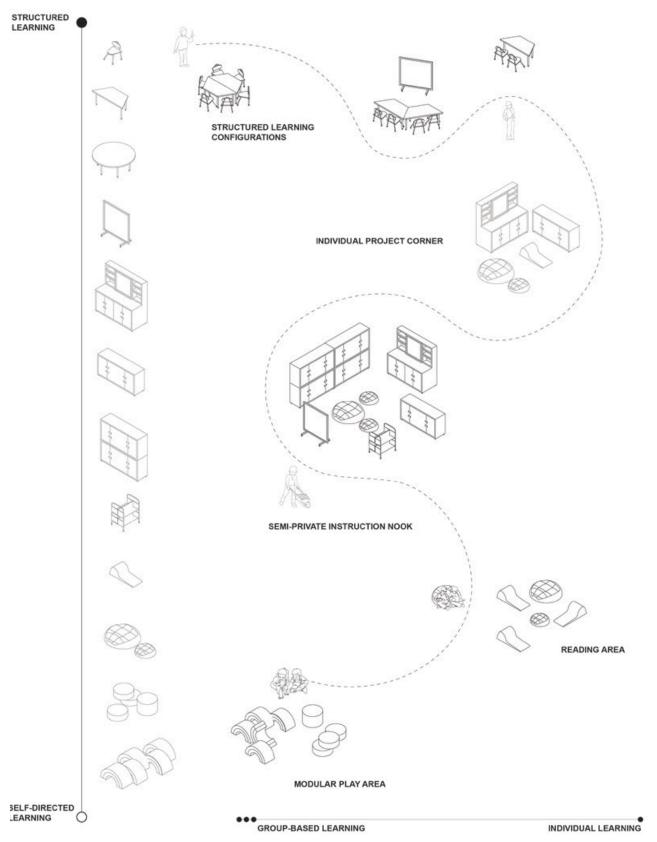


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CONTEXT

WITHIN THE OPEN PLAN

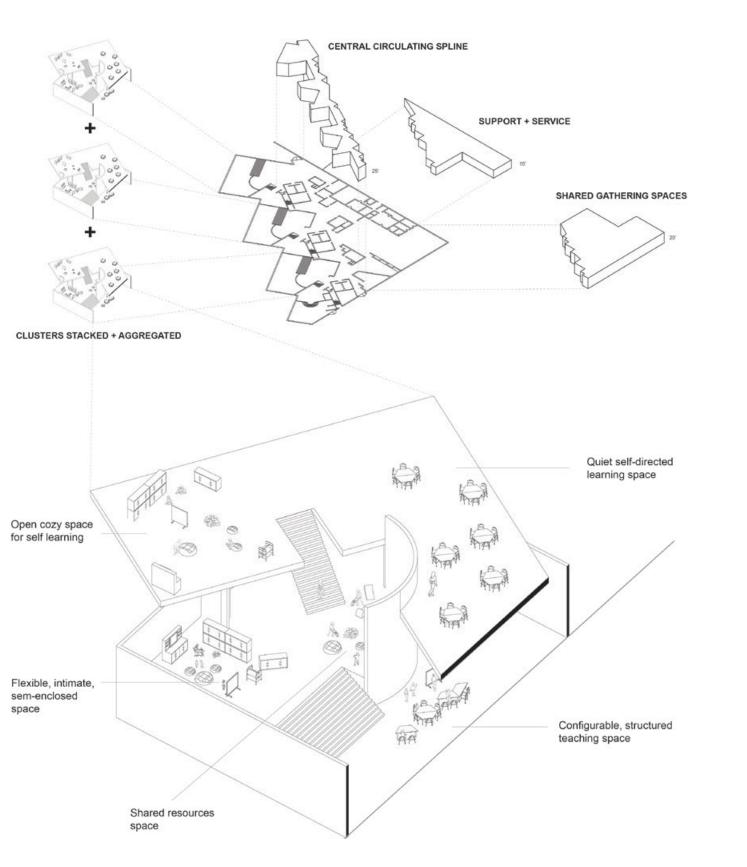
ELEMENTS THAT CREATE THE CONTEXT OF AN OPEN PLAN



FORM

CREATING THE OPEN PLAN

ORGANIZING PRINCIPLES VIA SKEWING, OVERLAP AND STACKING

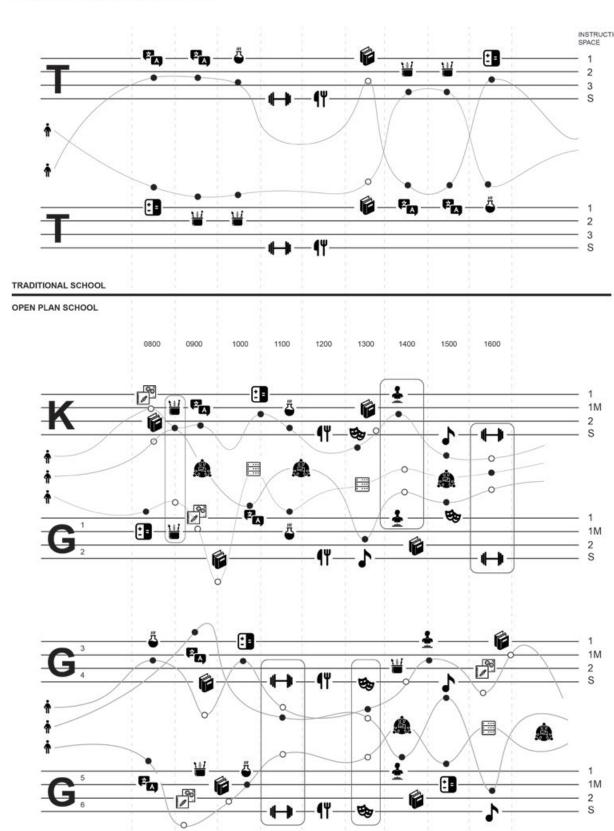


FLOW

IN THE OPEN PLAN

MOVEMENT, PROGRAM, AND THE CACAPHONY OF MT HEALTHY ELEMENTARY SCHOOL

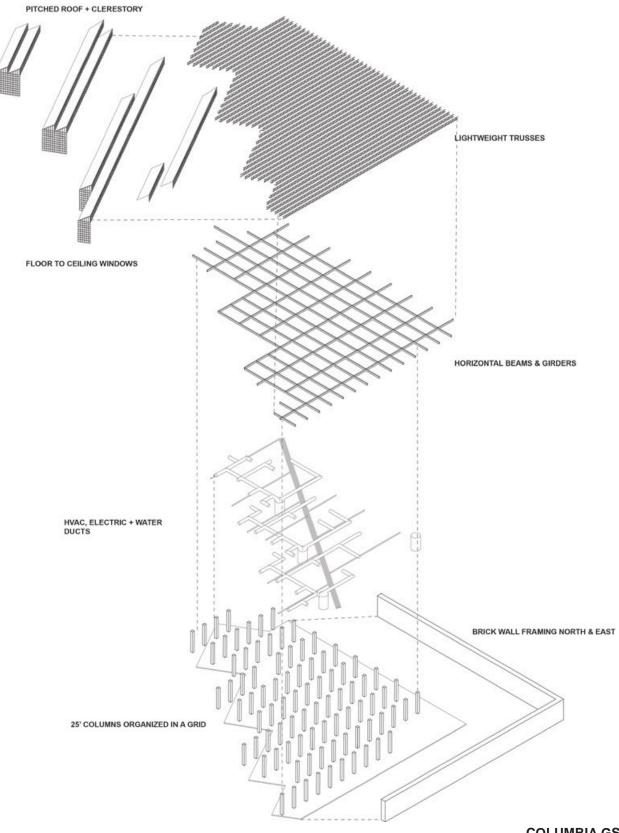




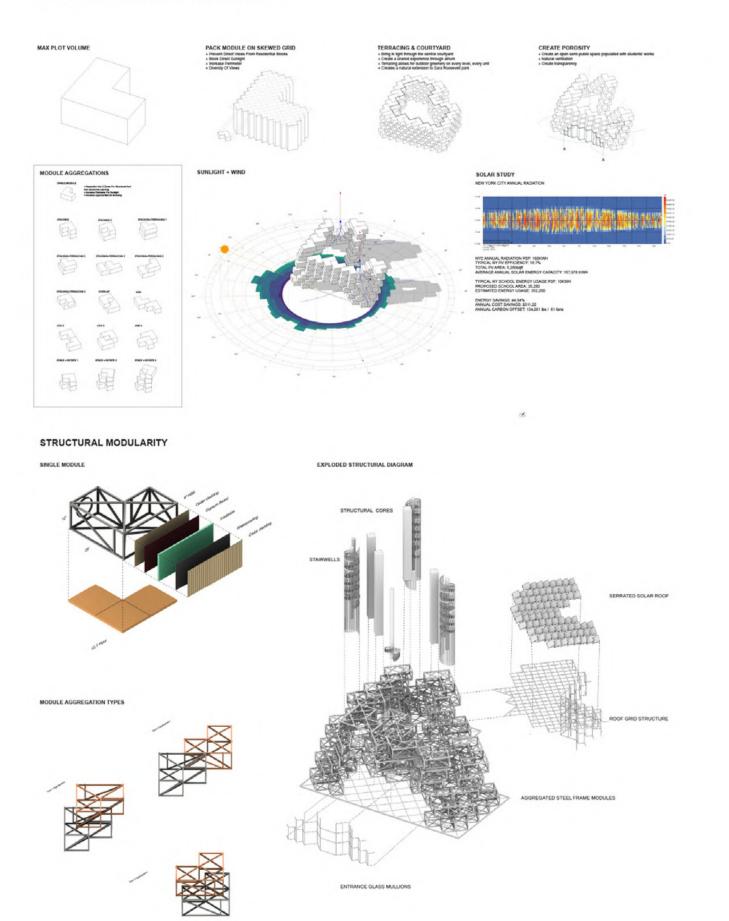
STRUCTURE

OF THE OPEN PLAN

ELEMENTS THAT ENABLE THE OPEN PLAN AT MT HEALTHY ELEMENTARY SCHOOL



OPEN FRAMEWORKS





















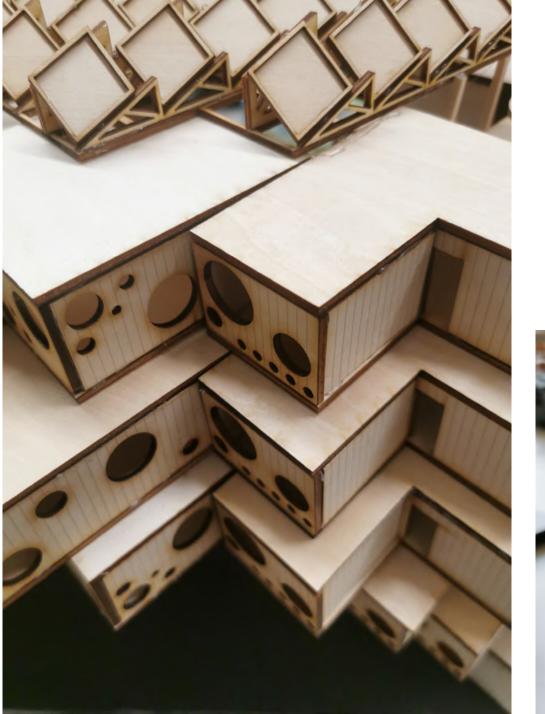


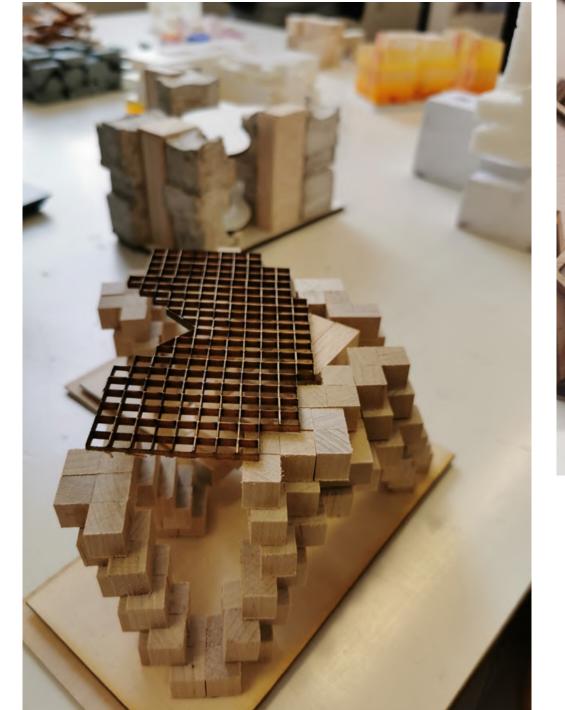














JAMON ZIXUAN MOK'S PORTFOLIO JAMON ZIXUAN MOK'S PORTFOLIO





CORE III

GLACIERS ON HARLEM RIVER

Instructor: Galia Solomonoff

Studio: Columbia University GSAPP Core III Housing Studio,

Fall 2022

Partner: Chris Kumaradjaja

Presented with an estranged riverfront site among industrial zoned properties, this project seeks to redefine the meaning of Affordable Housing. Guided by a manifesto:

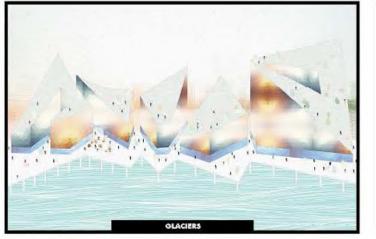
Affordable Housing is Iconic Affordable Housing is Flexible Affordable Housing is Performative

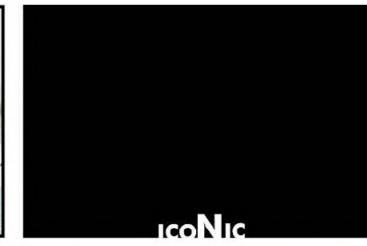
Affordable Housing is Universal Basic Income

The housing development is dense, iconic, open-plan, sustainable and program driven to establish a new co-op model that provides its residents with Universal Basic Income.















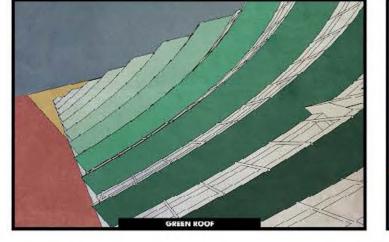


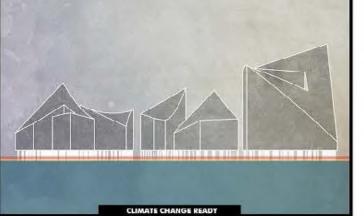


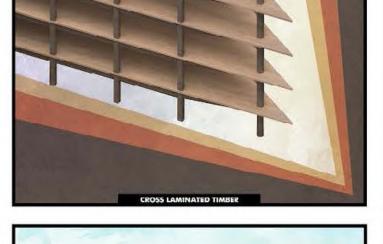












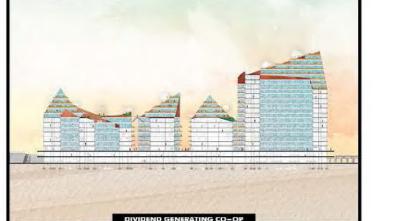




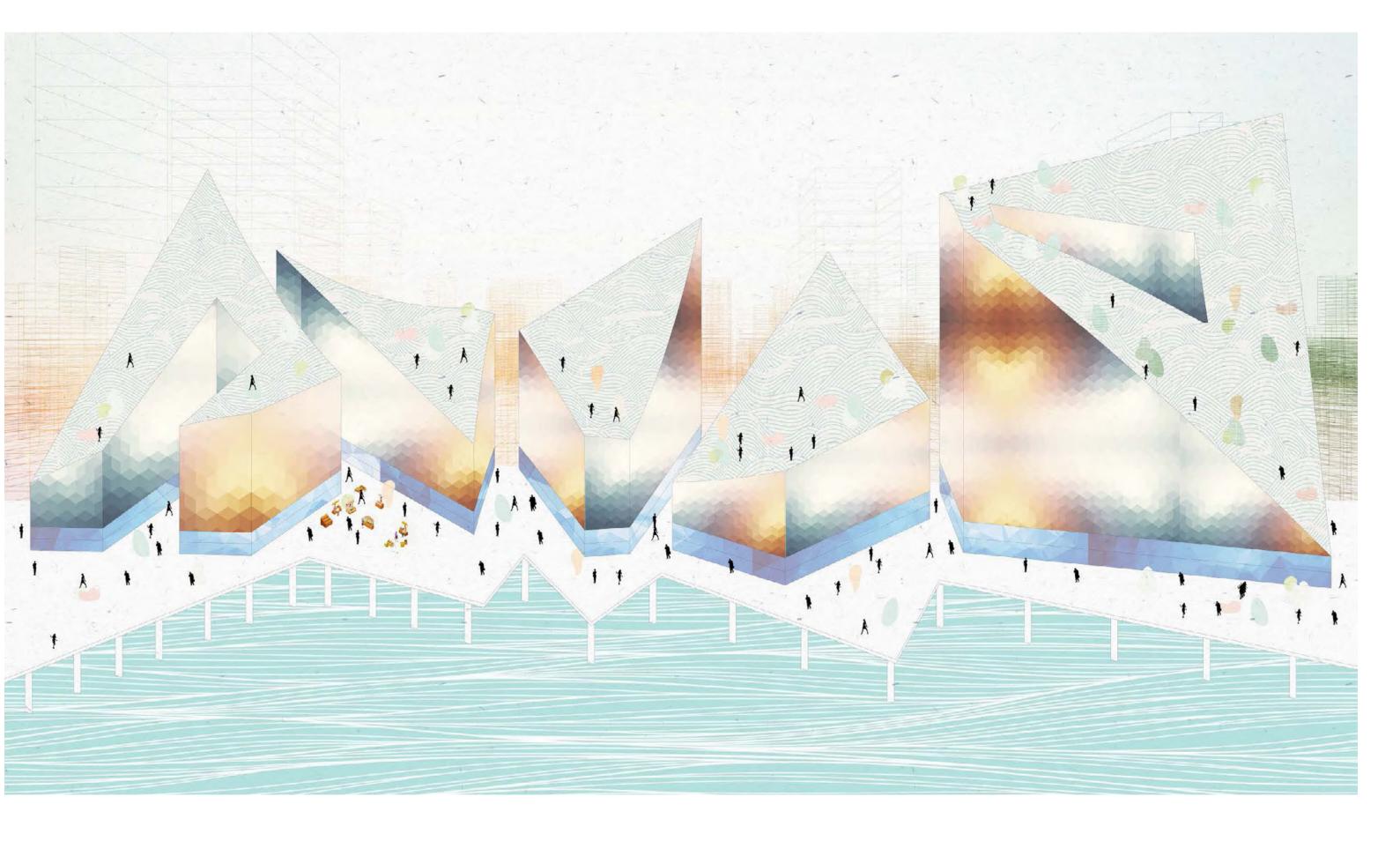


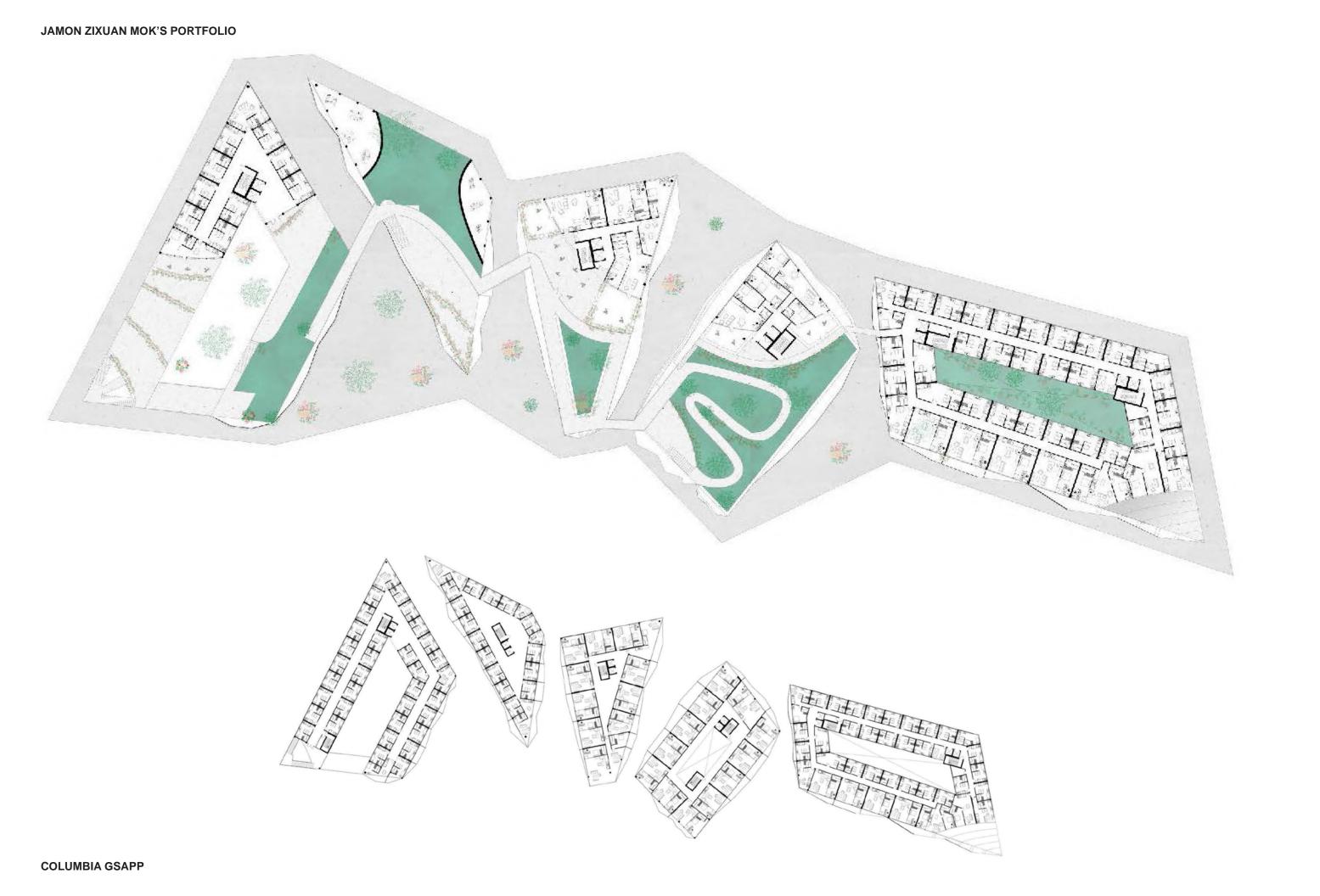






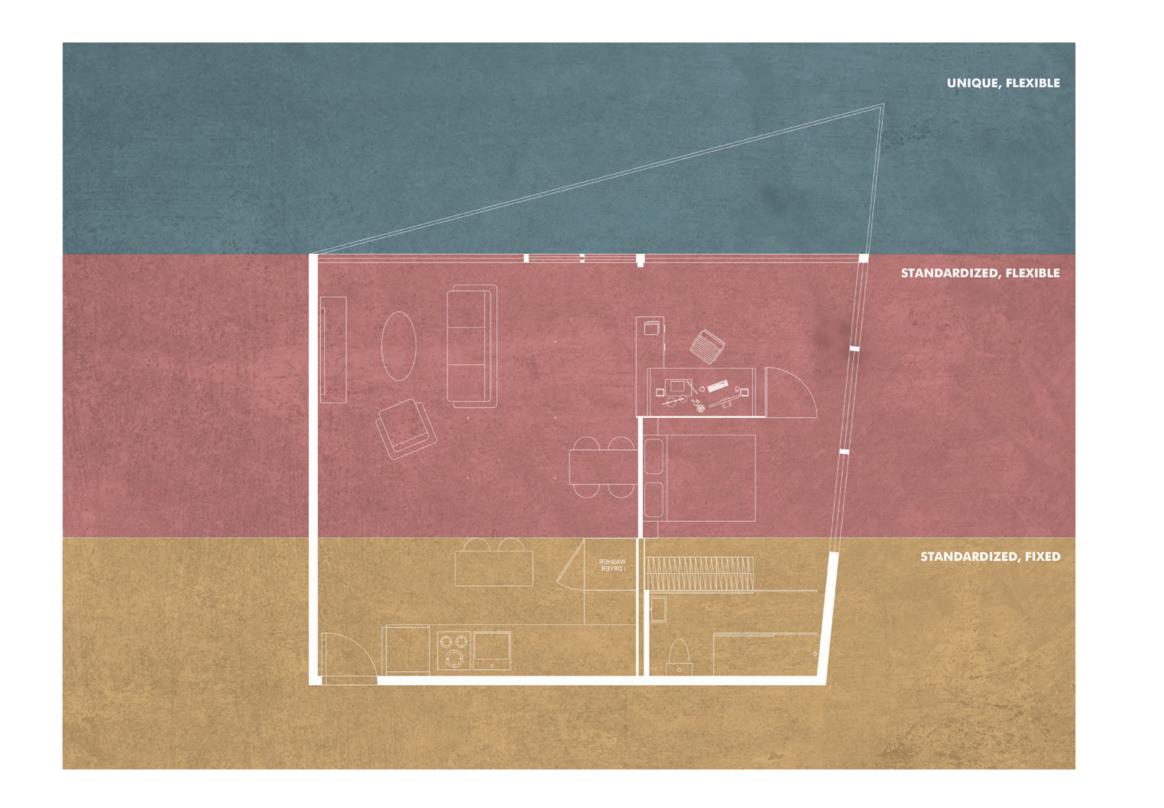




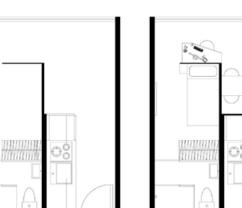


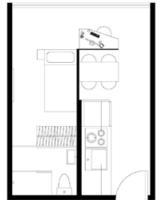


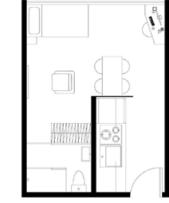
JAMON ZIXUAN MOK'S PORTFOLIO JAMON ZIXUAN MOK'S PORTFOLIO

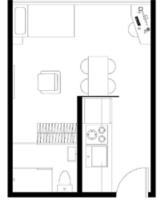


MICRO

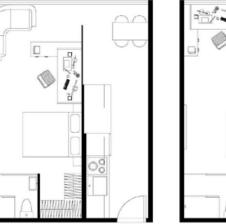


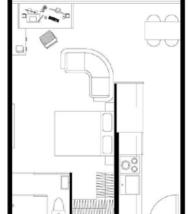




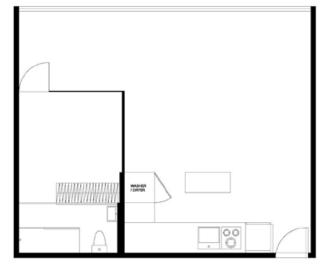




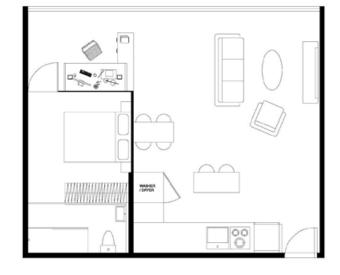


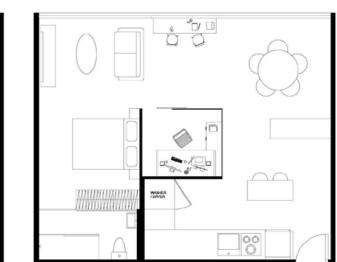


1BR



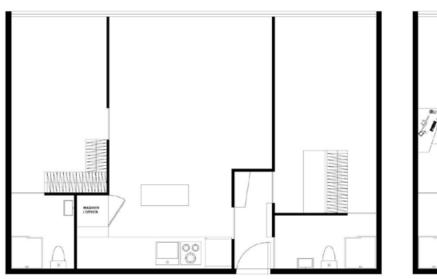


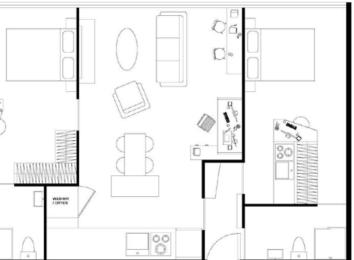




2BR

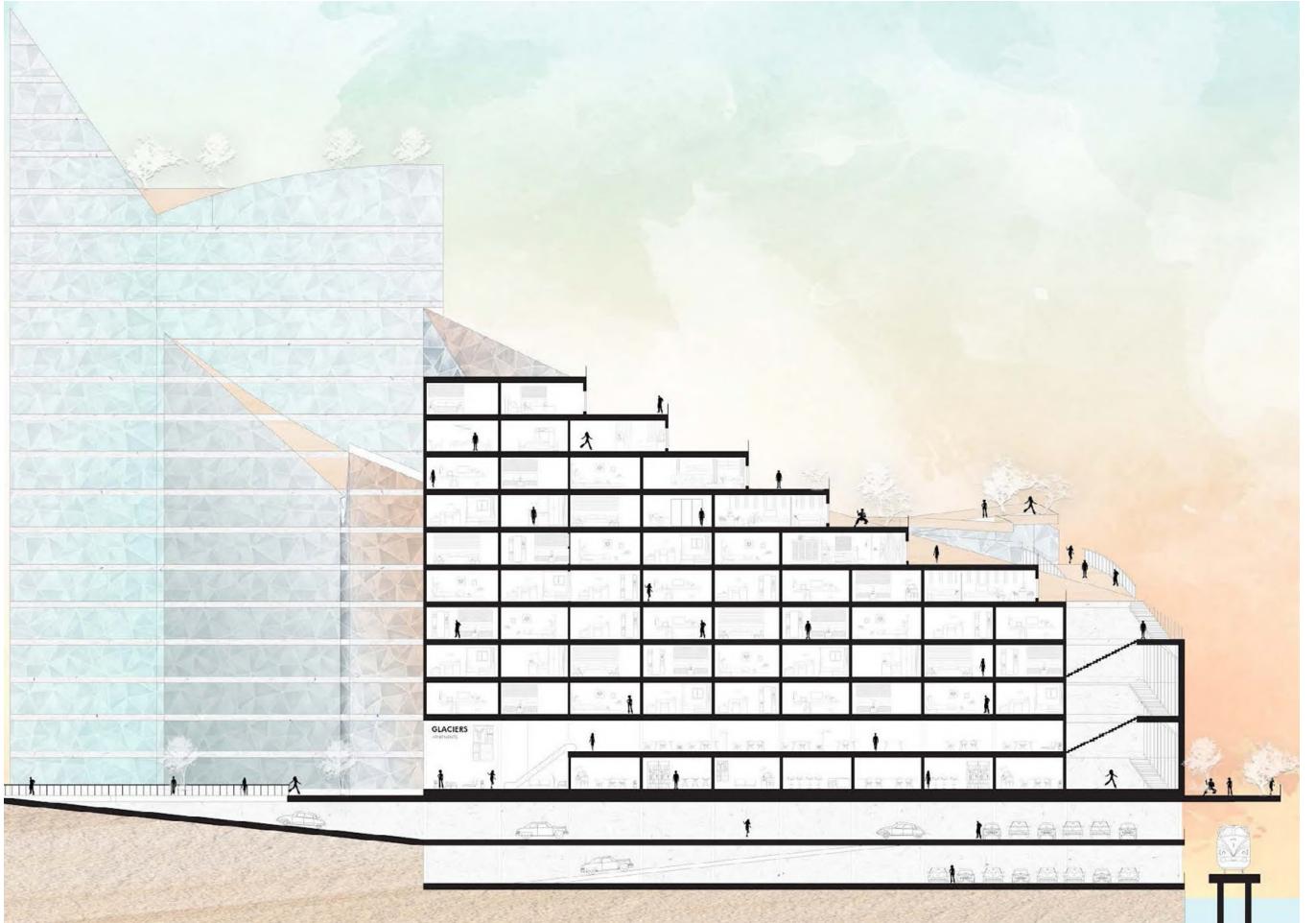
STUDIO









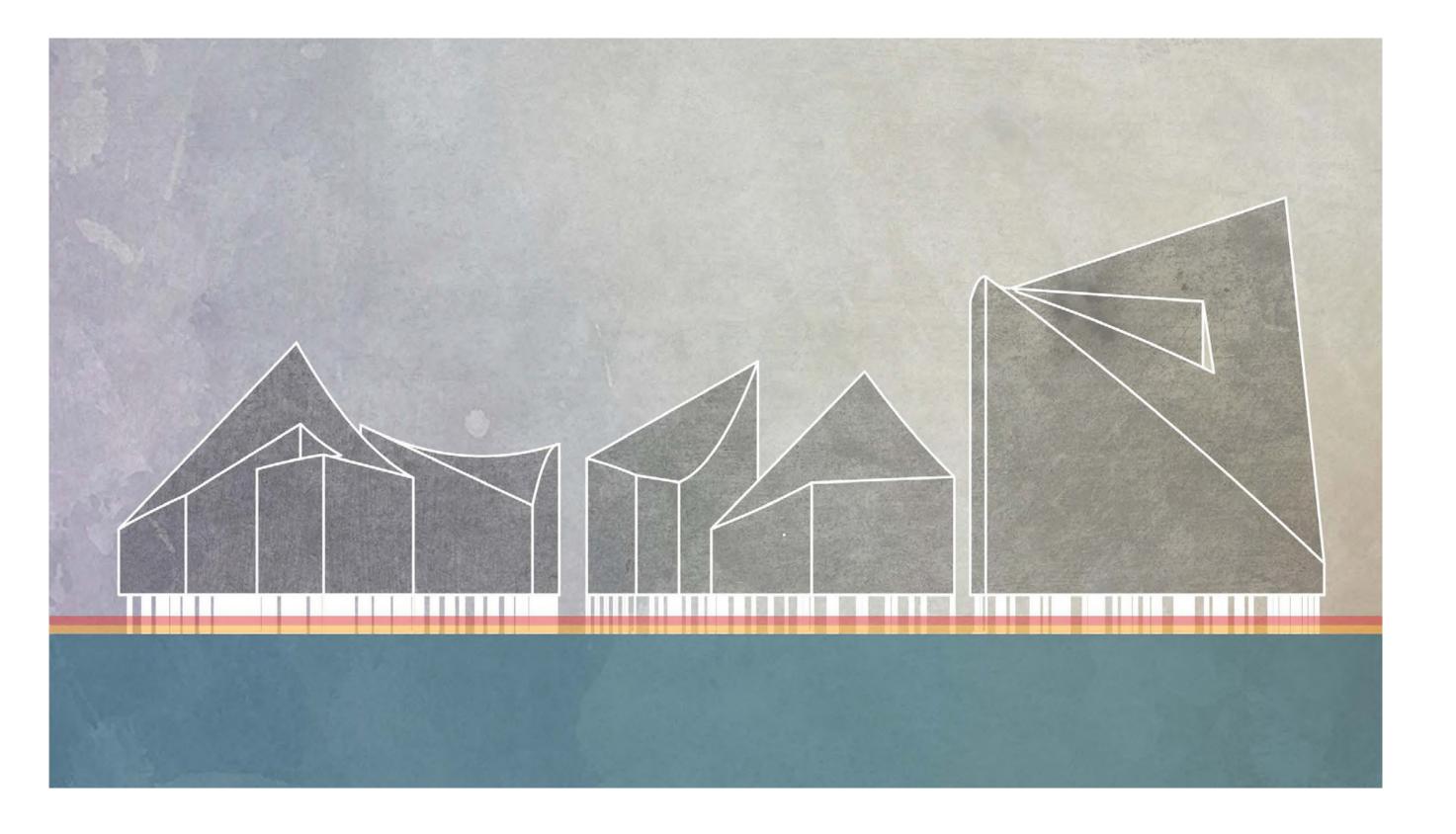




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ADV IV

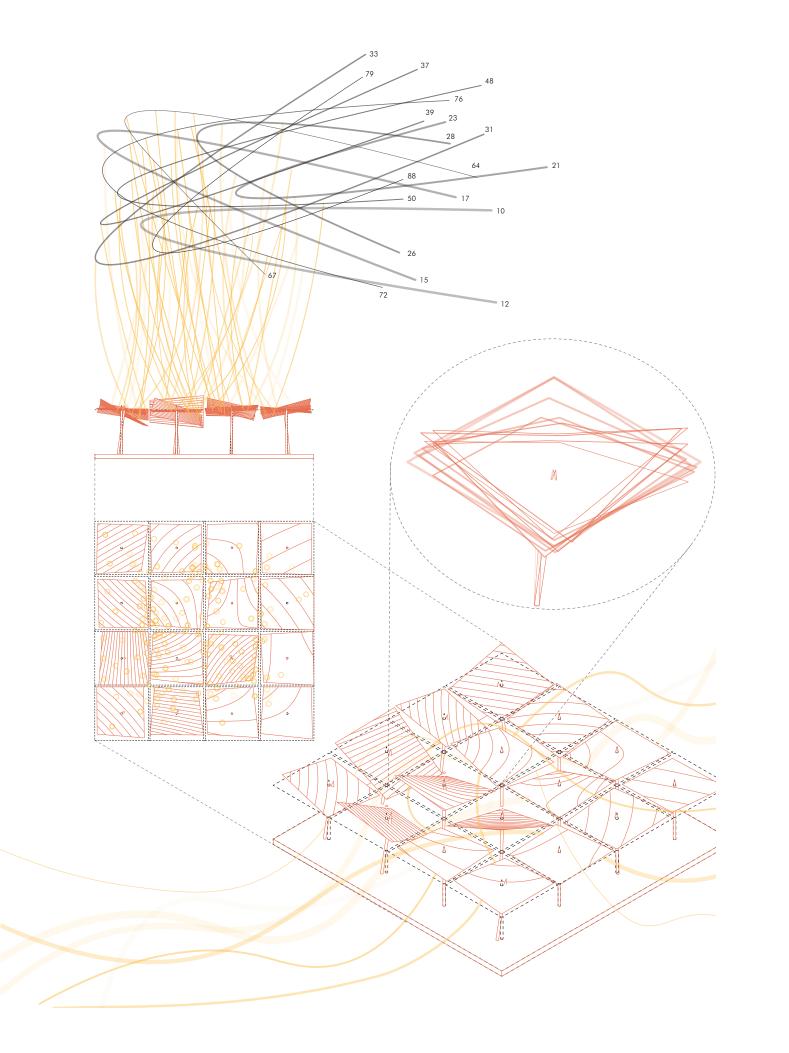
un / certain thresholds

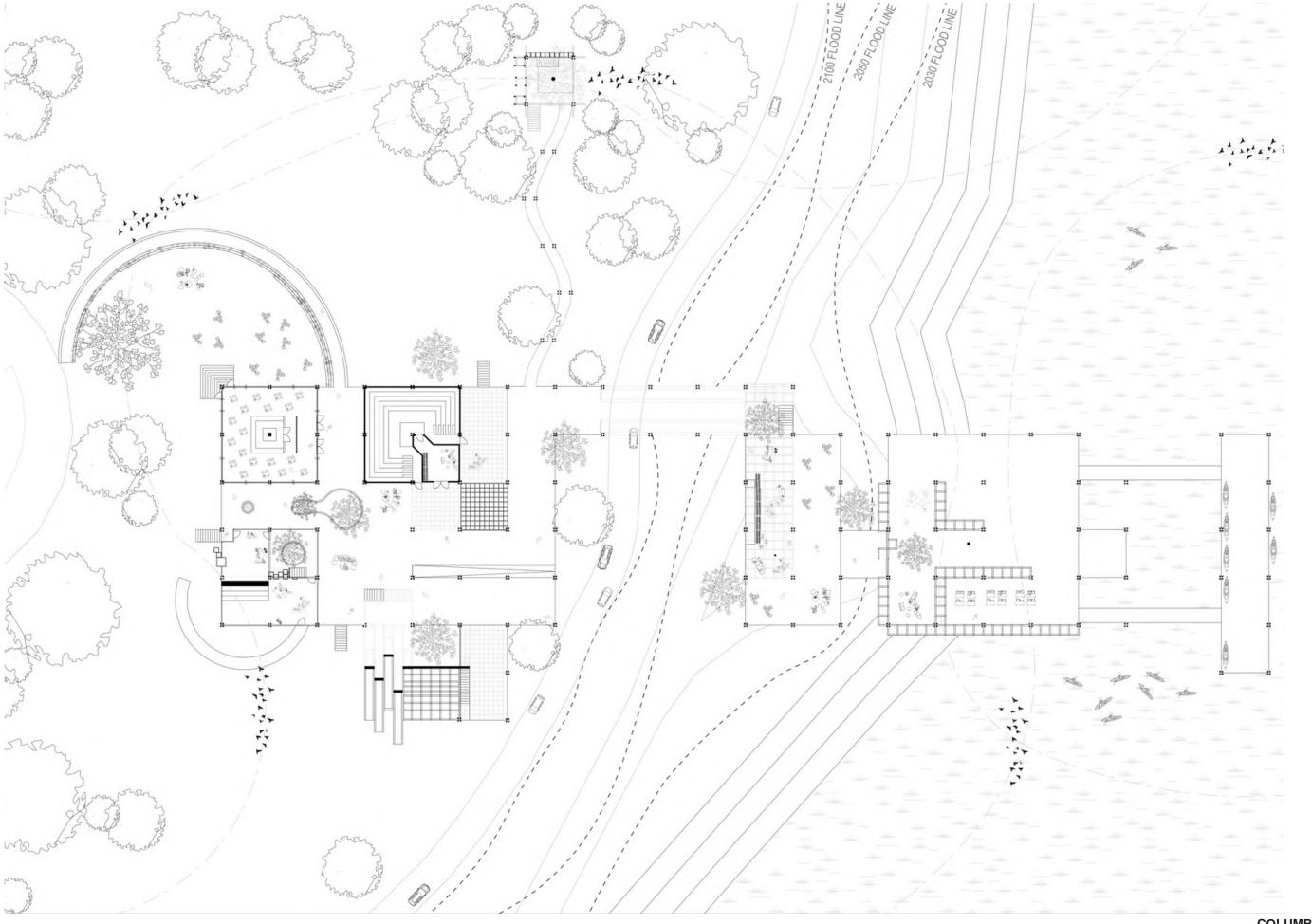
INSTRUCTOR: RACHELY ROTEM

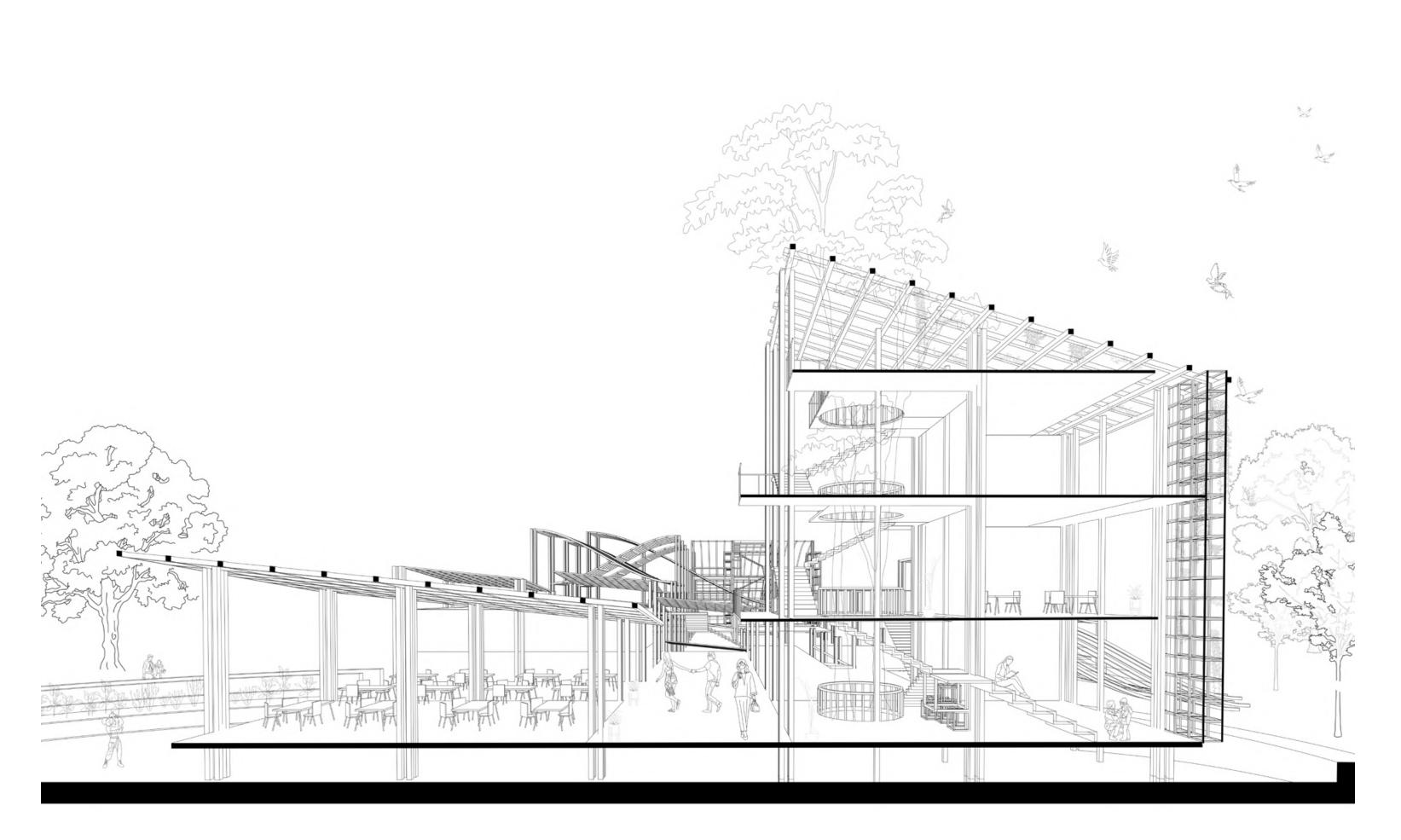
SPRING 2023

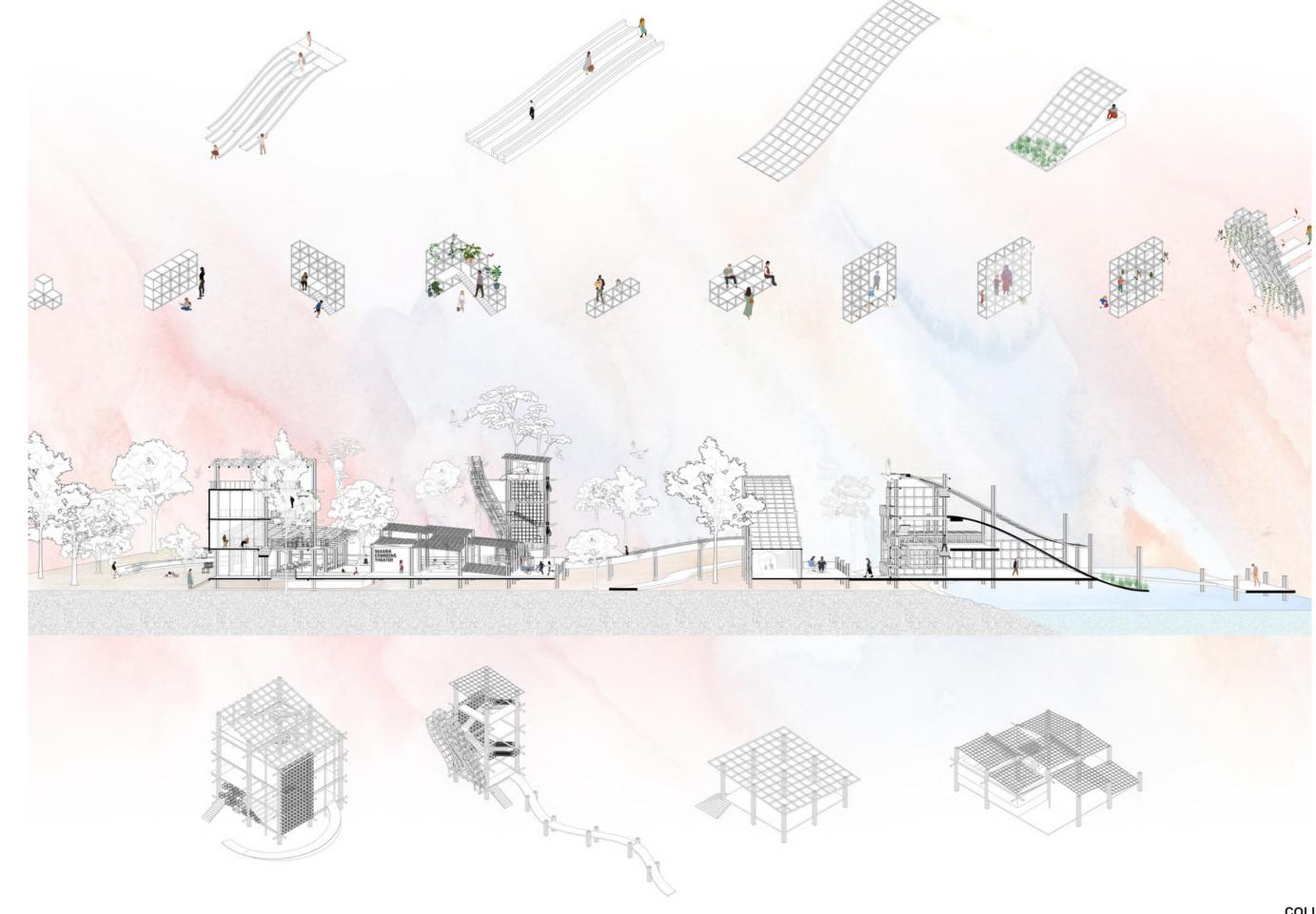
Our studio prompt started with the research of uncertainty and how it could be used as a tool for our process of design. Starting by designing an experiment around uncertainty, we looked into ways to embed uncertainty and harness the power of randomness as a generative process to enhance and explore outside our comfort zone.

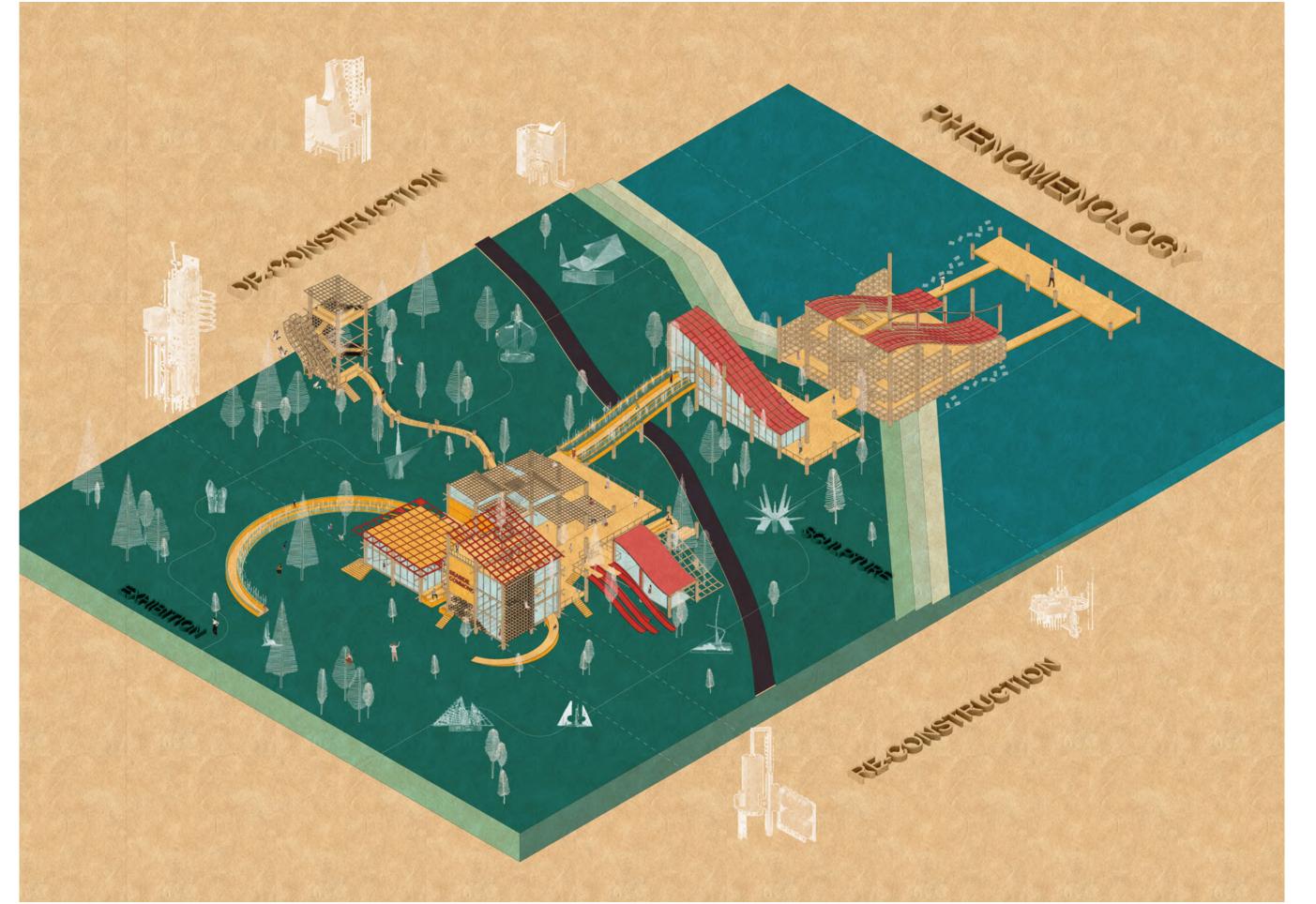
The site thus becomes a semi managed wetland that helps reduce flooding in the Southend by functioning as a stormwater reservoir, habitat for migratory birds, opportunities for trans-species interaction, education on wetland farming with oysters and flexible community spaces for music festivals, events, displaced religious spaces, creating an uncertain threshold that provides a phenomenological experience through the management of uncertainty.











ADV V

ARCTIC TOURISM'S LAST FRONTIER

INSTRUCTOR: LESLIE GILL + KHOI NGUYEN

FALL 2023

Greenland is an arctic nation with seafood, subsidies from Denmark and mining making up the vast majority of its economy. Tourism is one of its only alternatives to overfishing, extractive mining and loss of soverignty to Denmark.

This project imagines a prefab snowhouse that utilizes modular frames to attach different modules to its facade to cater to the seasonal nature of housing, utilizing snow fences to capture snow for insulation in the winter.

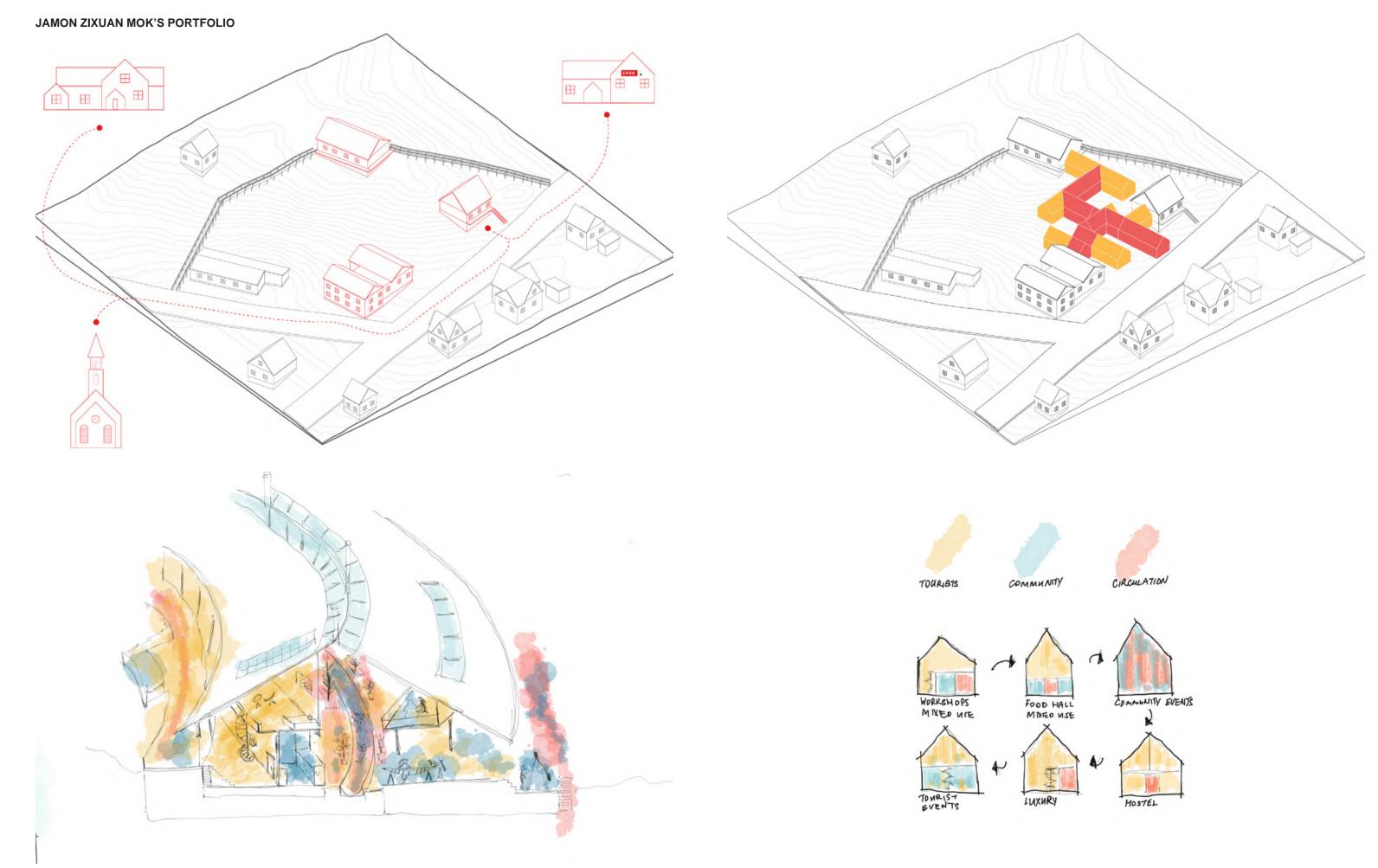
Community spaces in Greenland are also few and far between and so a collection of snow houses is proposed as infill between existing houses to create a local community center and tourist lodge that seeks to integrate tourism into locals' way of life. Through this integration tourism can be more respectful, small scale and sustainable while contributing meaningfully to locals and allowing them to share their culture, crafts and tradition.

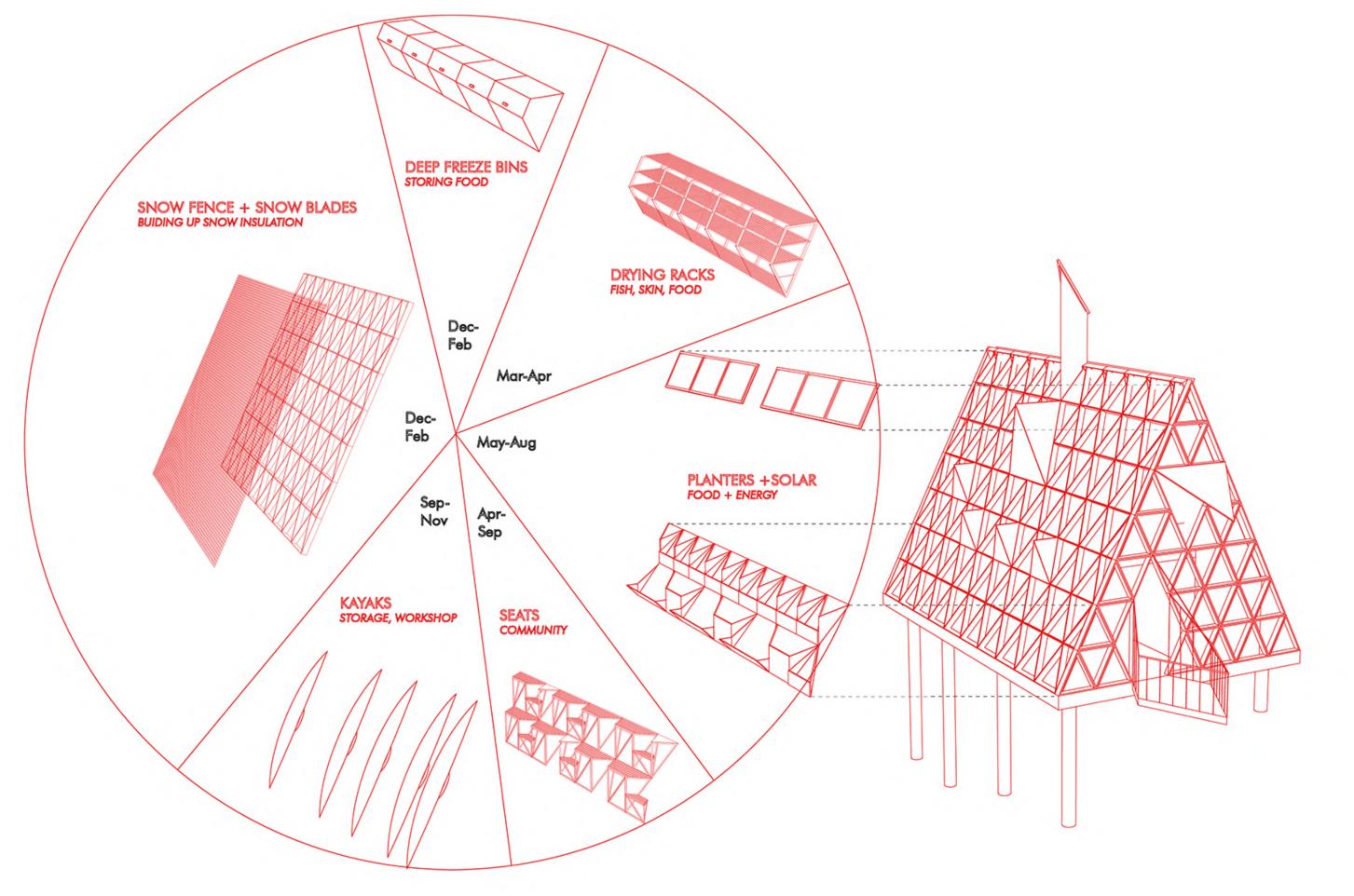






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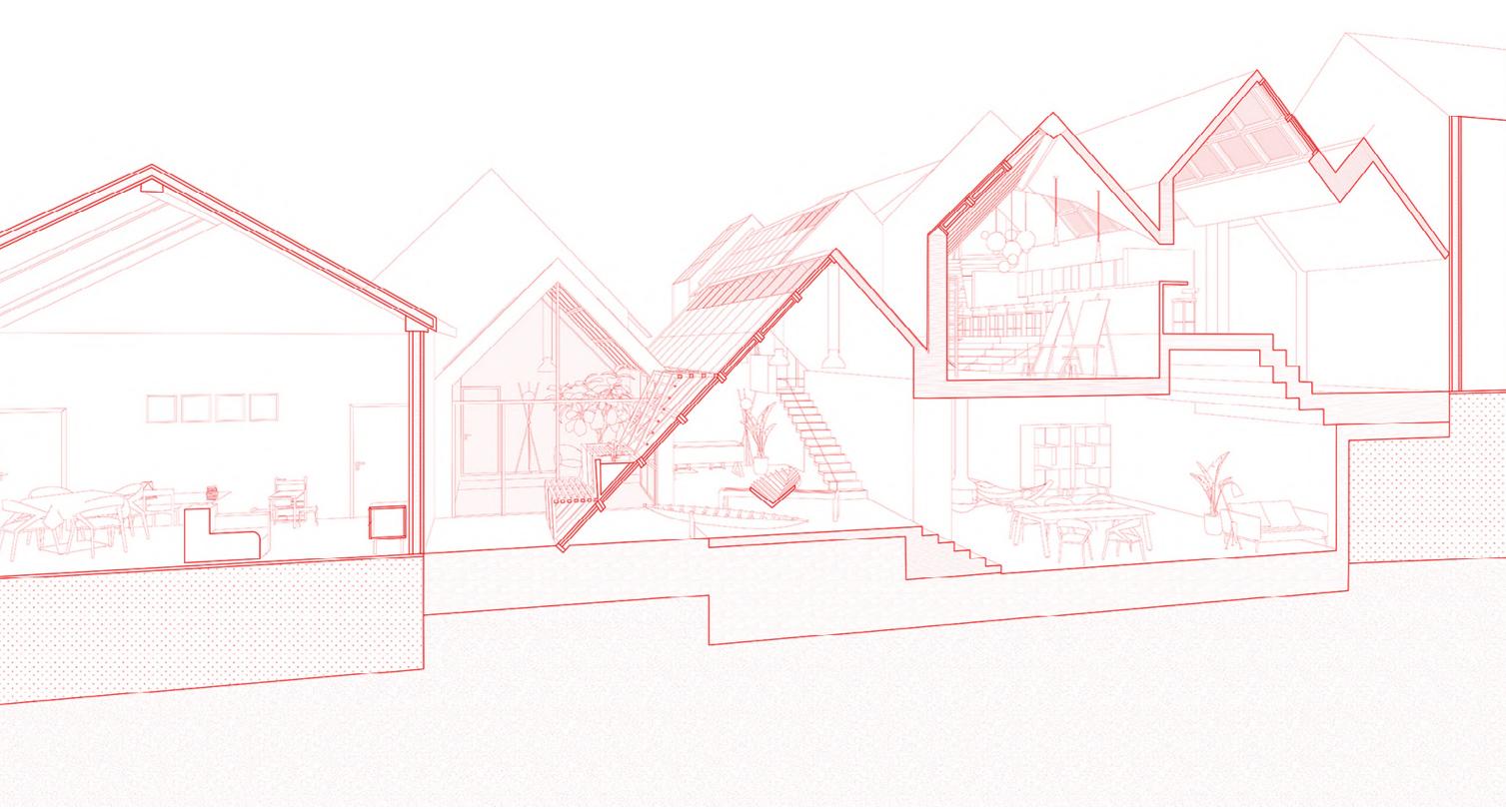












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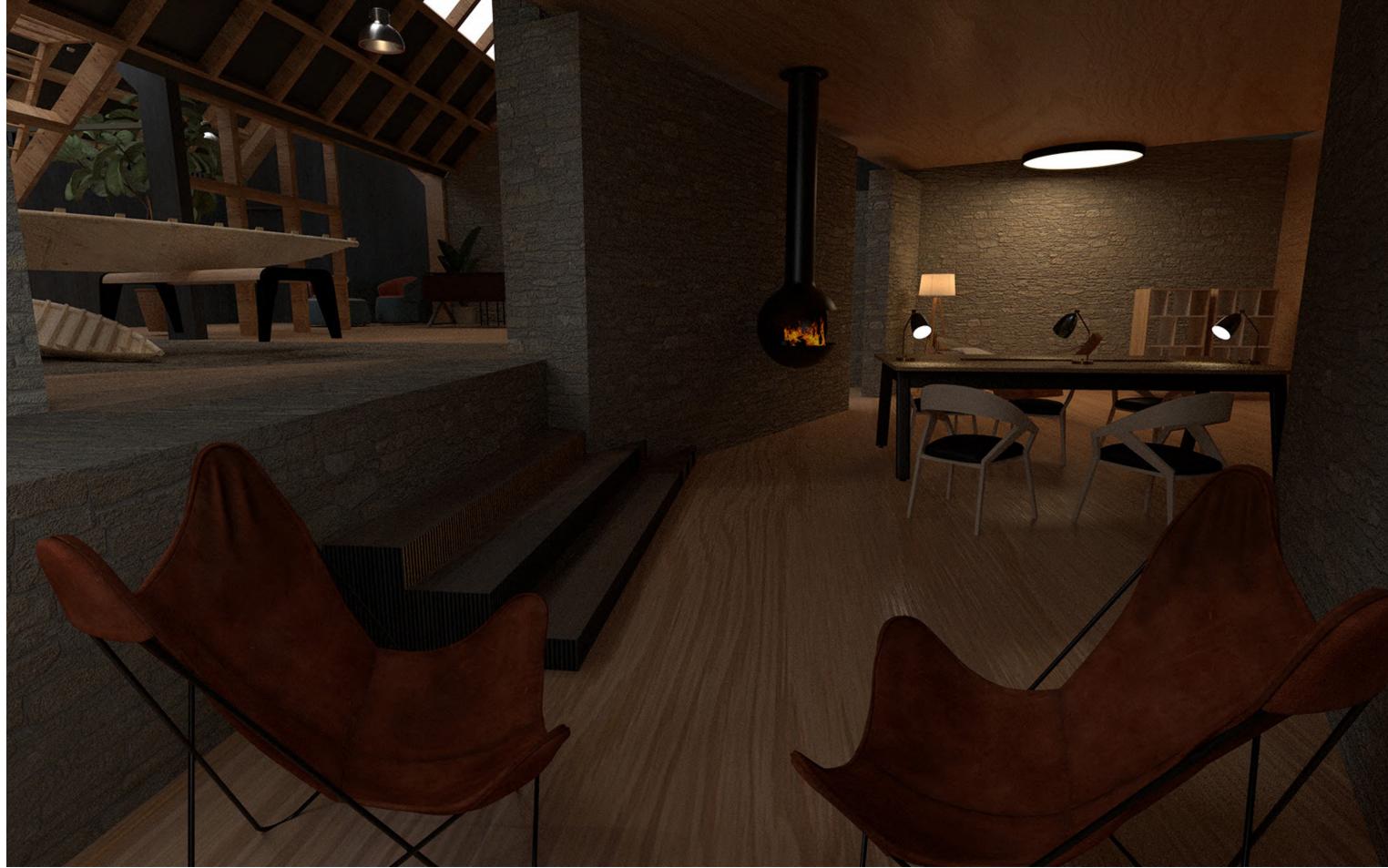
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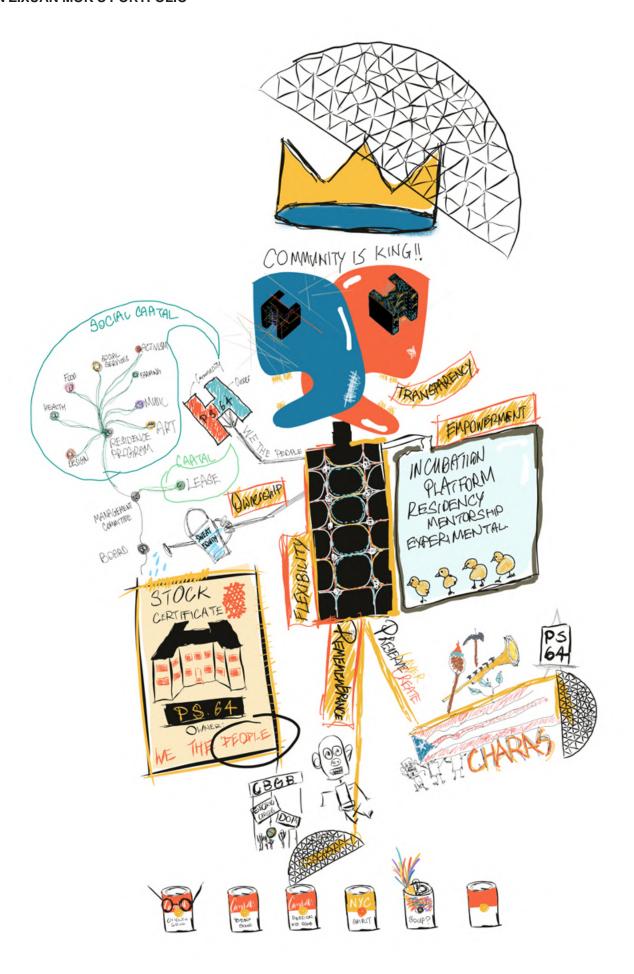












ADV VI

MANIFESTO FOR GENERATIVE REMEMBRANCE

INSTRUCTOR: CHRISTOPH KUMPUSCH, PATRICE DERRINGTON

RED x ARCH Joint Studio; SPRING 2024

Public School 64 is a charged site with multiple layers of history while simultaneously being a landmark for the East Village Community. The same shell of a building has seen generations of students graduate through its life as a public school, activists championing their cause through Charas and great artists making their first indelible mark on the city here.

The project thus imagines a manifesto for the continued remembrance and collective imagining of its future potential through the lens of each community member built upon the foundations of its layered history. A light touch approach sees modular architectural elements appended to its preserved facade while infusing functional programs relating to the needs of the day such as hydroponics, aquaponics, urban farming - Elements guided by a manifesto that cedes ownership to community members and adapts to their needs as it changes. On the interior a modular system of frames allows for assembly and reassembly of spatial envelopes to create thermal envelopes connected to services on the ceiling for an adaptive and generative creation of a community first future.

