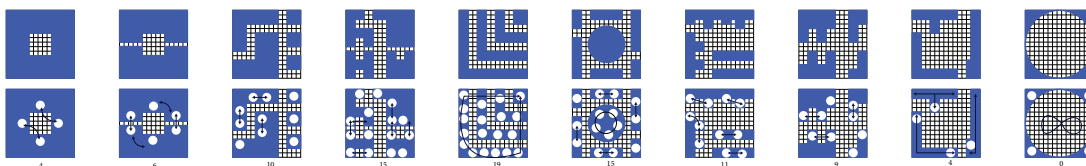
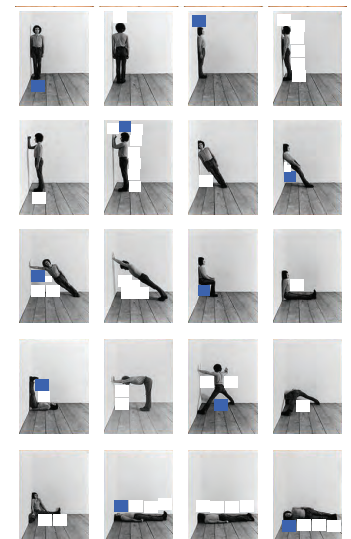
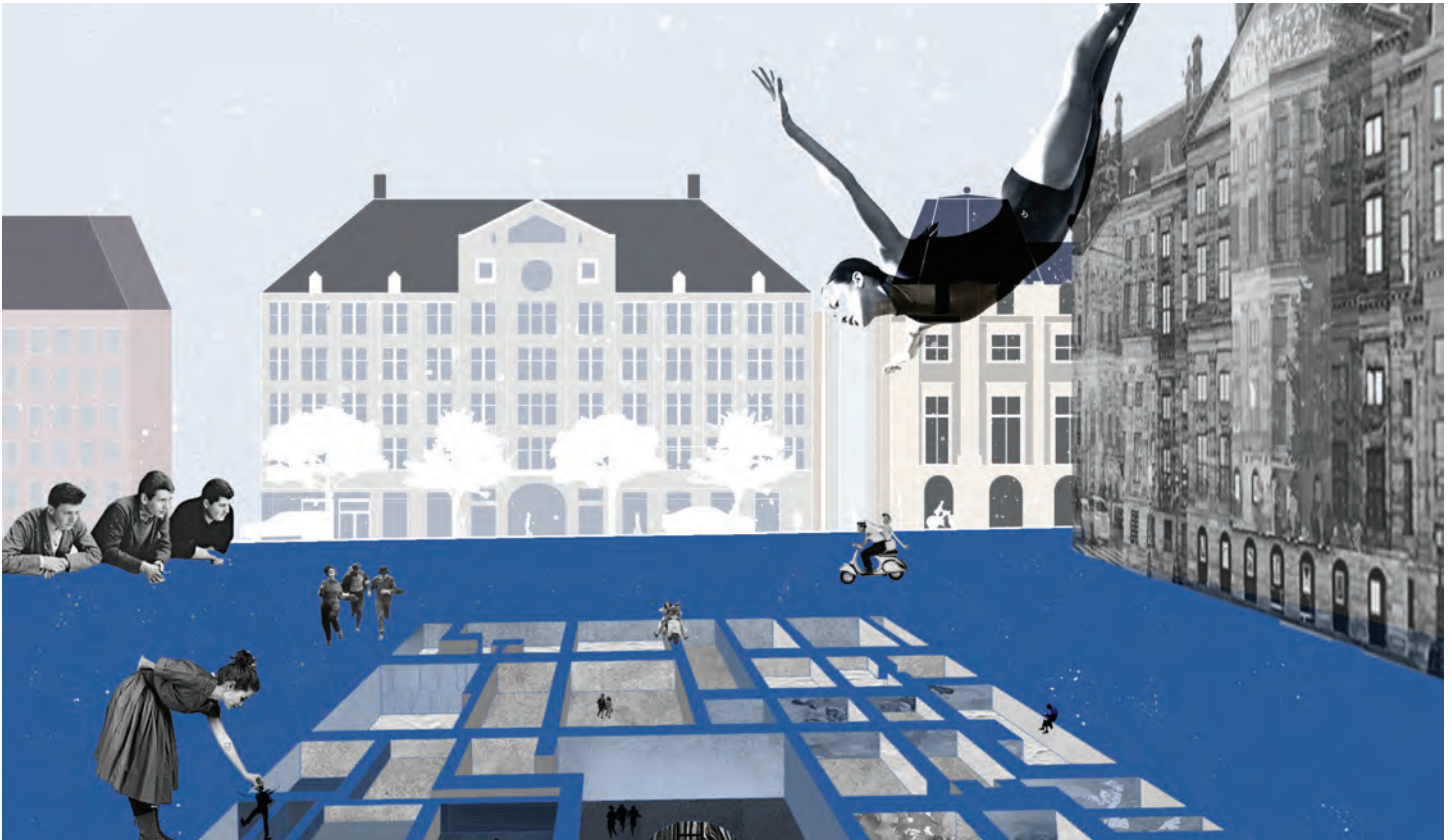


# Dance in the City

Discovering the relationship between time and space, the thesis project Exterior within interior examines the possibility of creating a public space that slows down time based on audience's culture and concentration. By using a gridding system to study how people interact in public space, a micro city is built within the historic Dam Square in Amsterdam. By using surveillance cameras, people can capture very different perspectives of the plaza.

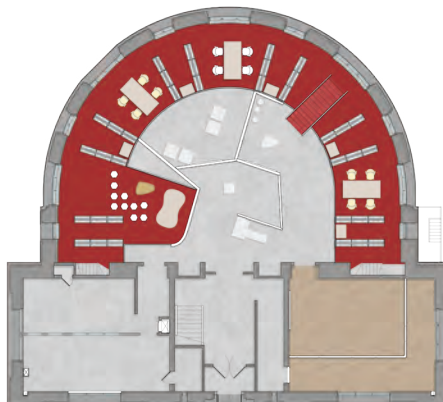
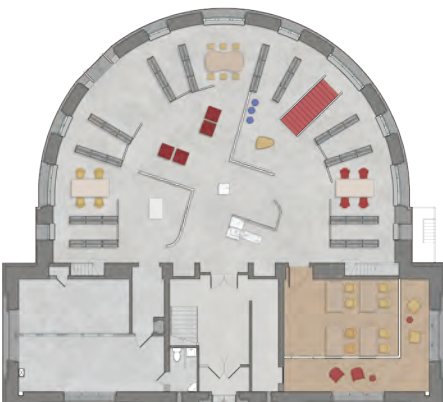
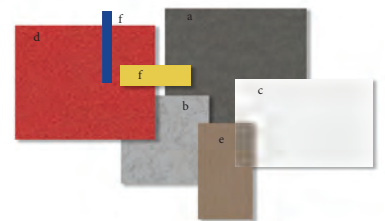


# Gallery Within Library

The Pacific Branch library is renovated to provide people an opportunity to work in an environment with art. The partitions are designed based on the axes of existing stacks. In order to reach the goal that everyone can have a vision of the paintings and other art pieces, there is a distortion of the walls at the mezzanine level. The new walls therefore form new spaces with the existing ones.



- a. Concrete
- b. Marble-white
- c. GMB
- d. Red Fabric
- e. Oak
- f. Fabric







CONG DING

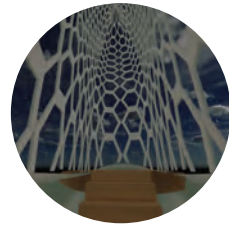
03  
Exterior within  
Interior

PUBLIC SPACE



11  
Submarine

RESIDENCE



19  
Connection  
House

RESIDENCE



25  
Gallery within  
Library

LIBRARY



31  
Growth and  
Cluster

RETAIL



41  
Winter Squash

INSTALLATION



45  
Japanese Cafe &  
Bar

BAR/CAFE



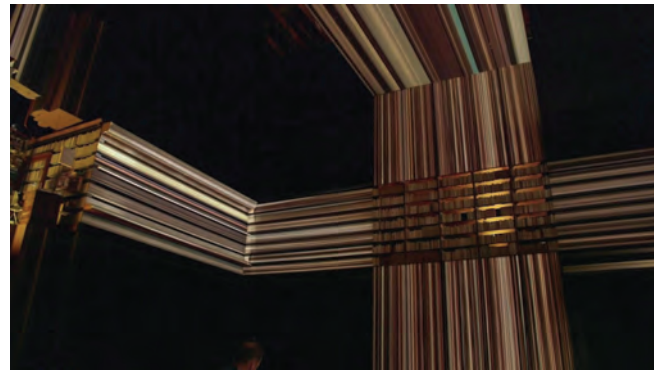
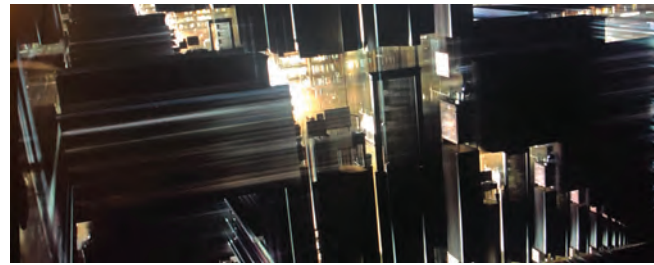




# The Dance of City

ADVISOR  
ANNIE KWON

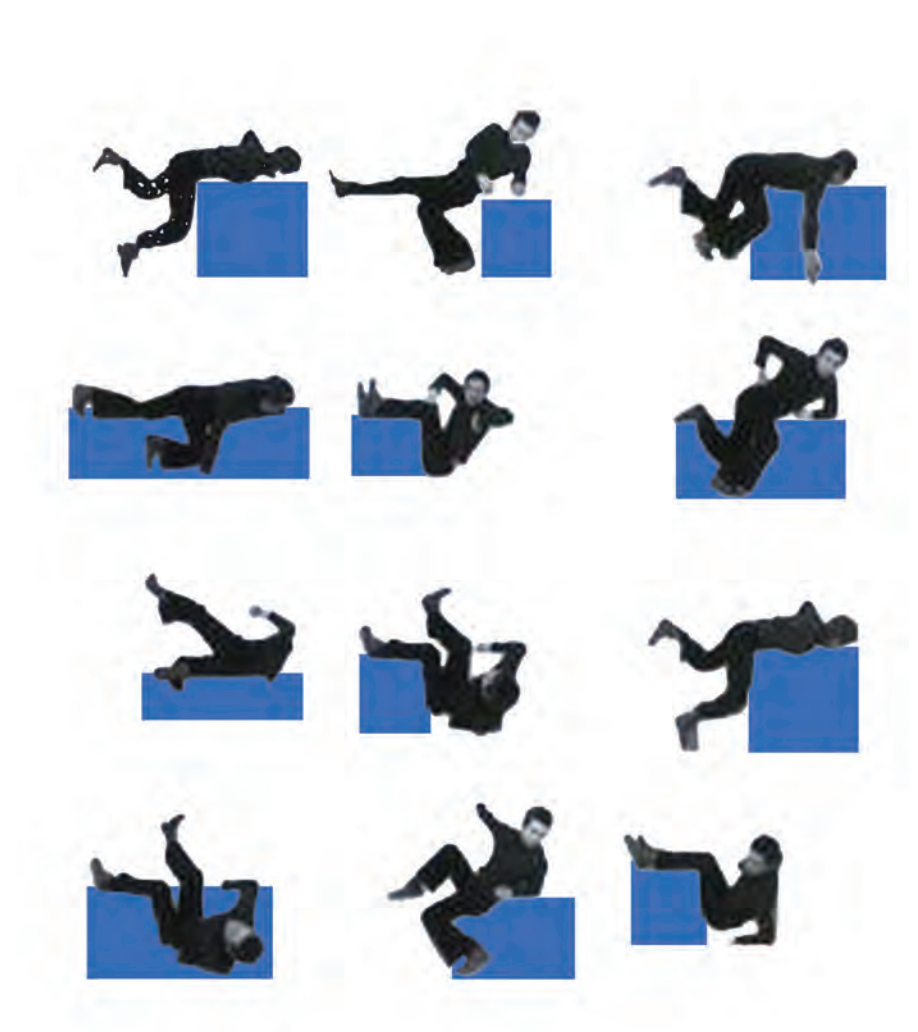
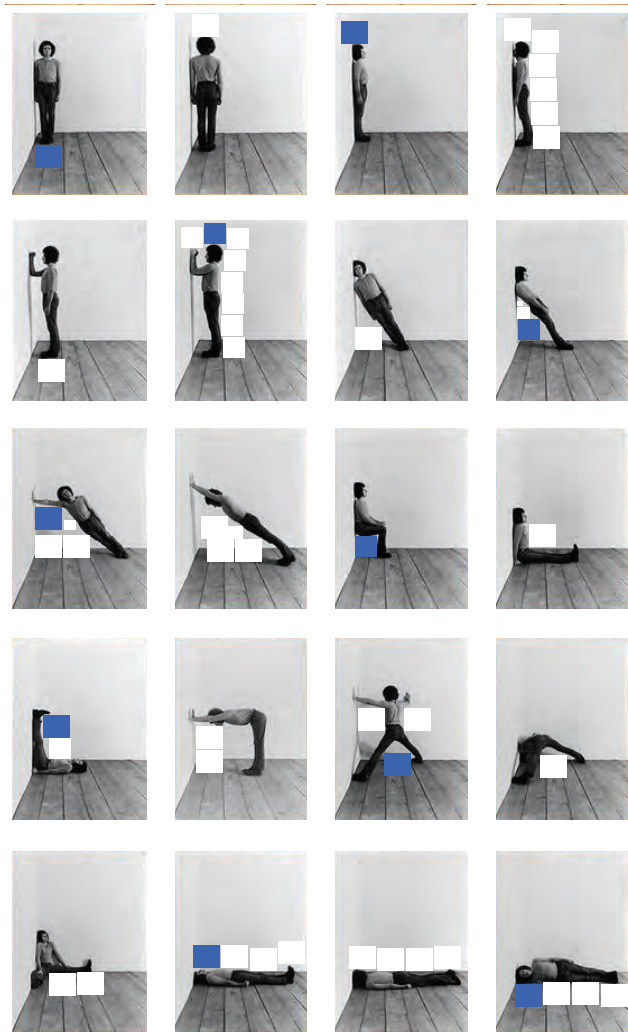
The ongoing thesis project is to solve the need for social interaction after pandemic in the major plaza Dam Square in Amsterdam. It explores how the perception of time is relative in space. A public space is designed for socializing in the historic plaza Dam Square. By distorting sequences around the structure, users would have a new experience in relation to the plaza as well as people surround them.



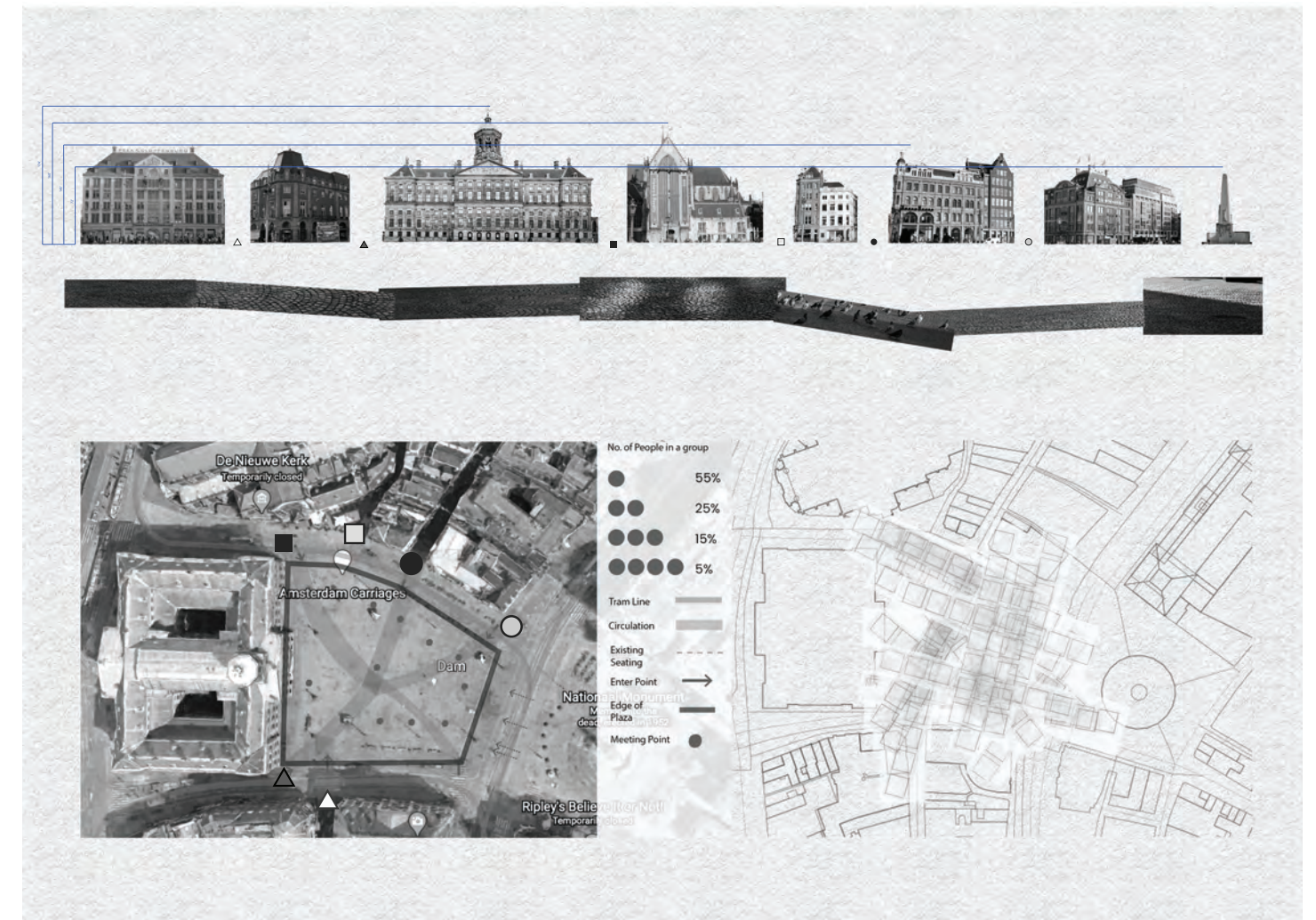
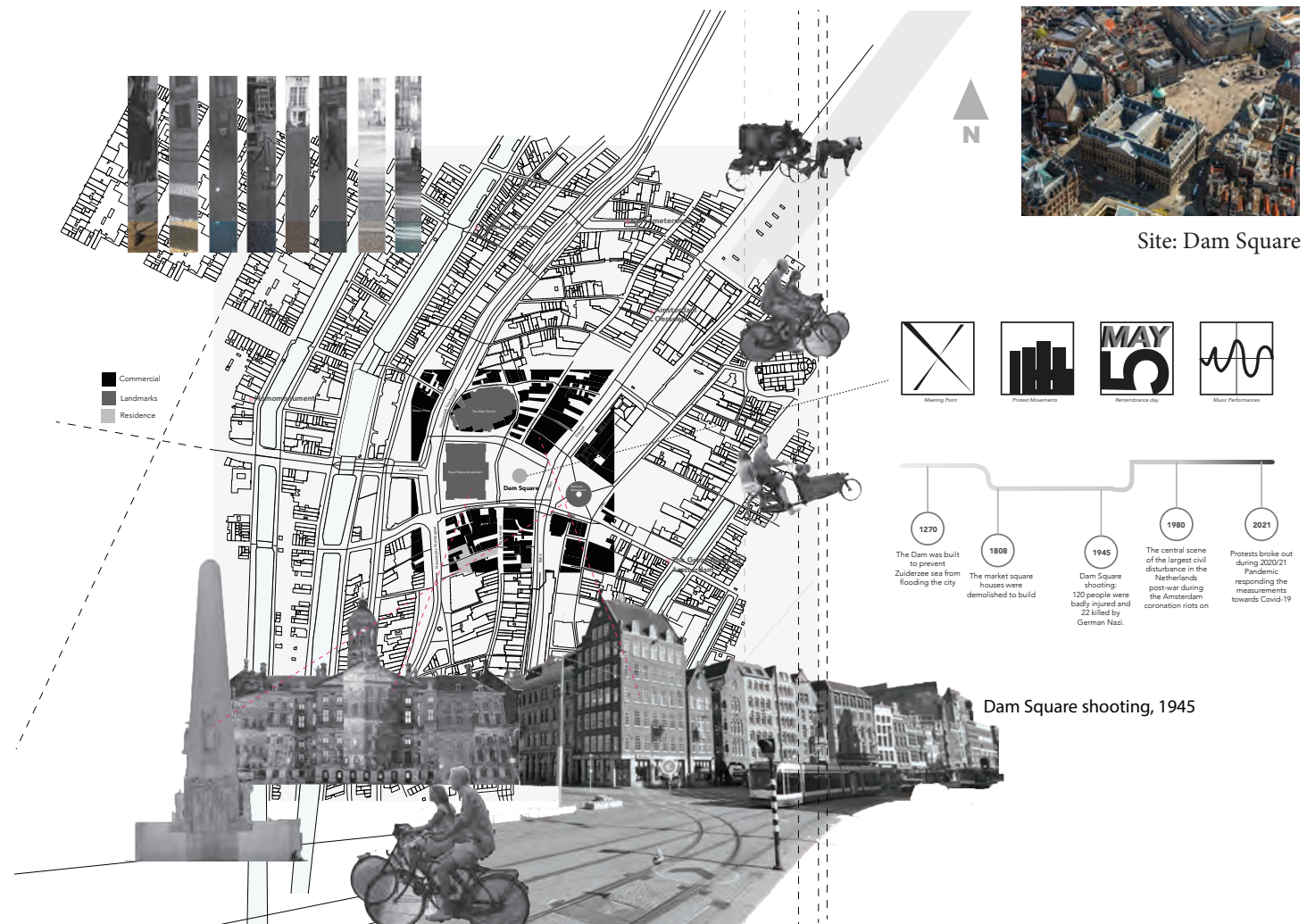
Interstellar



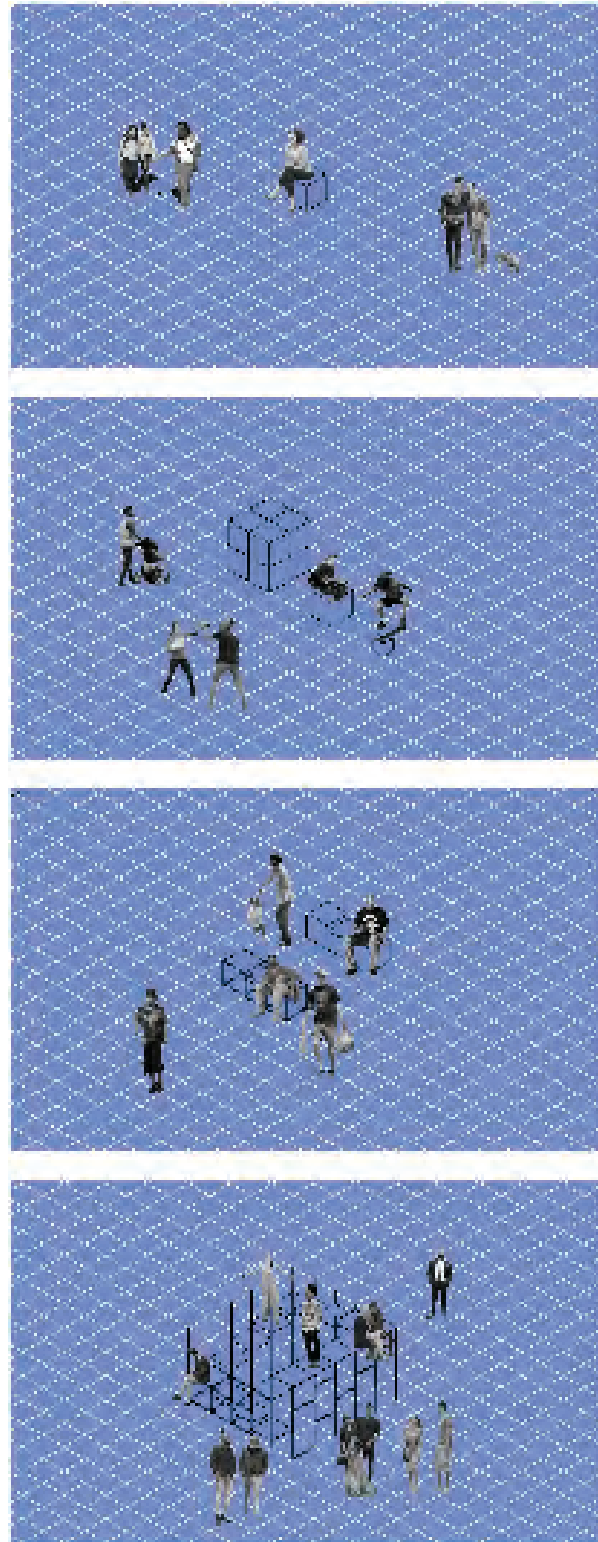








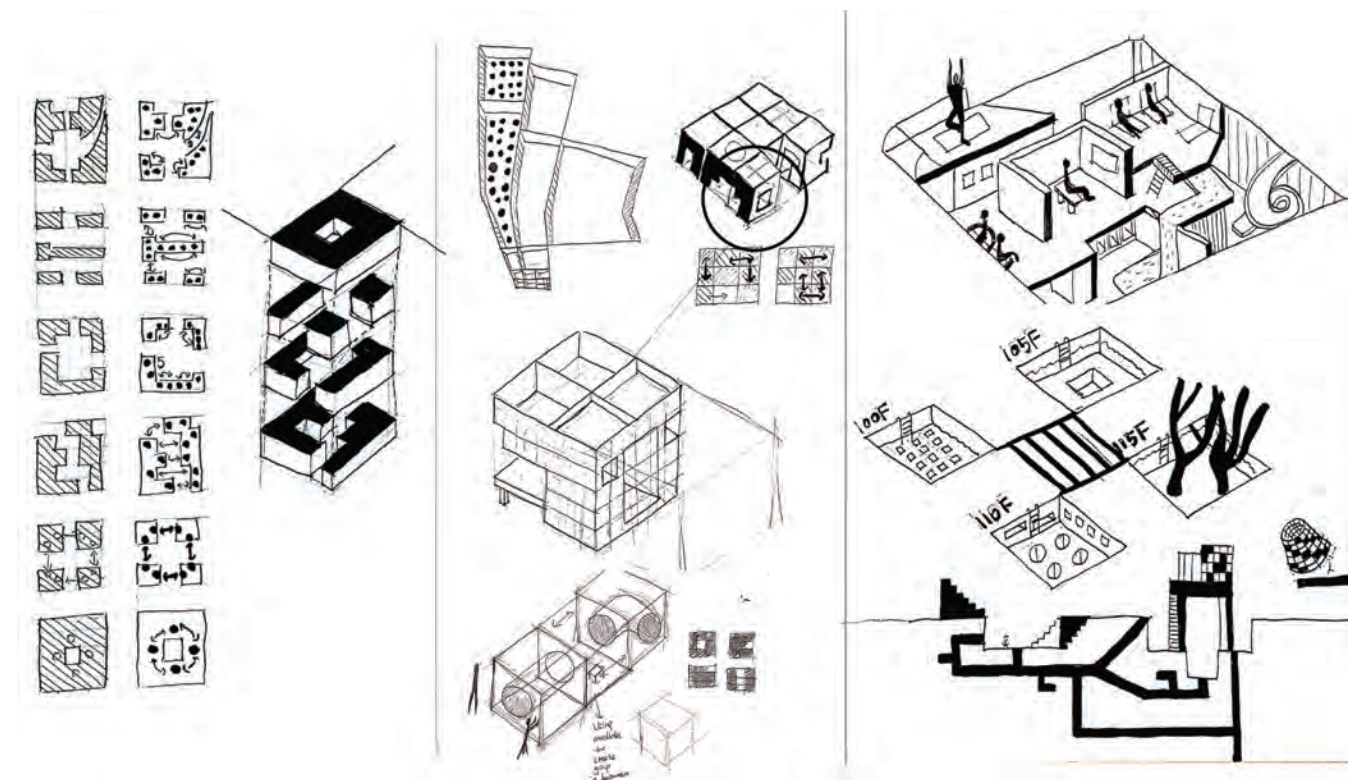




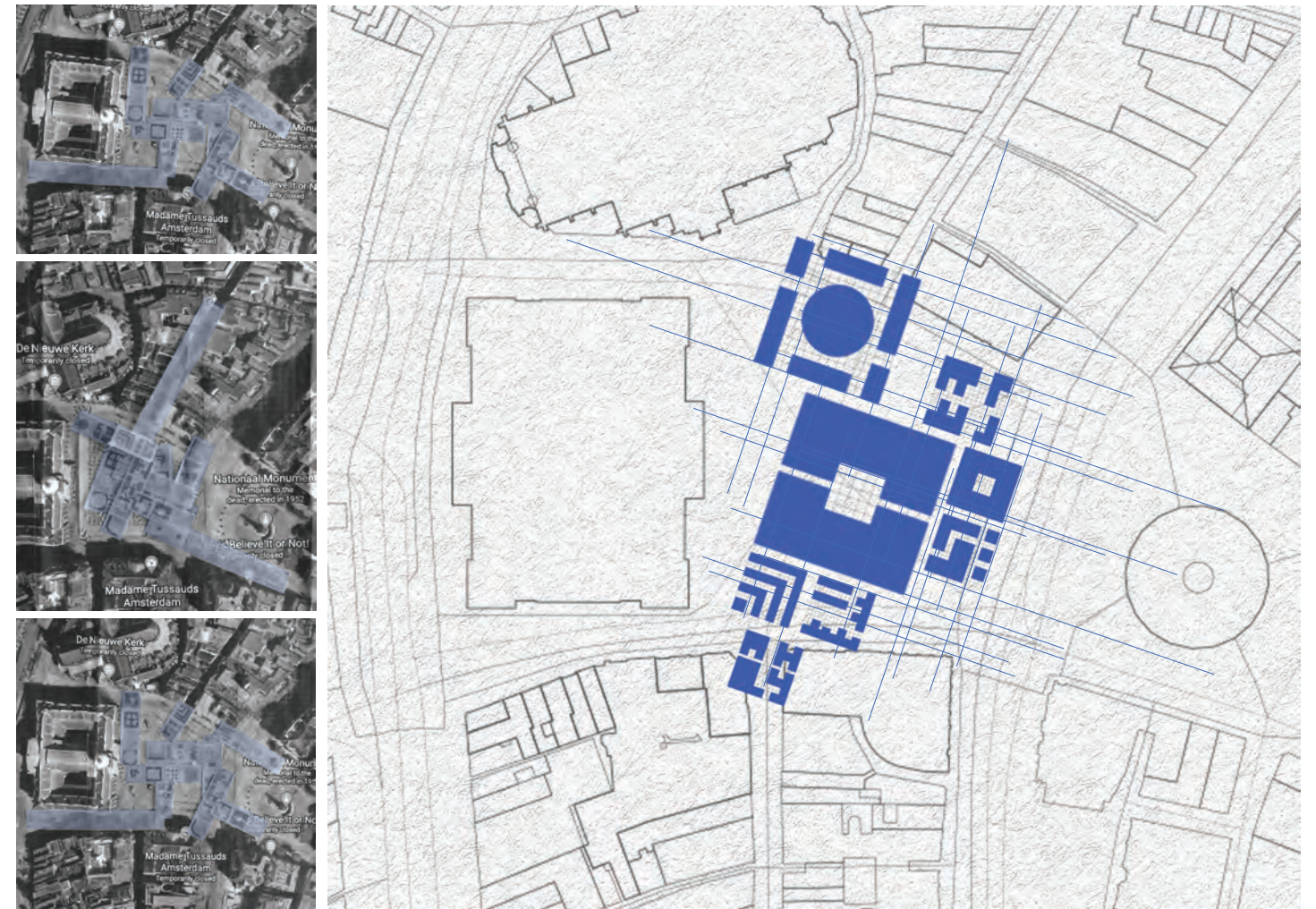
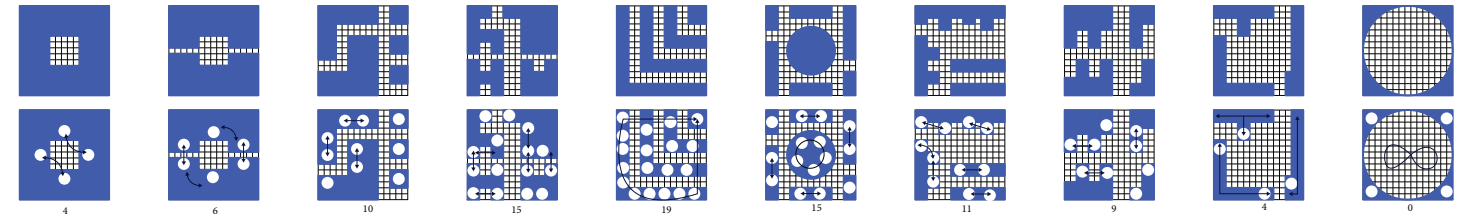
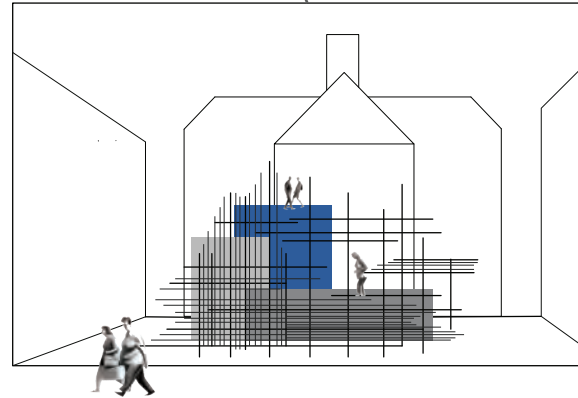
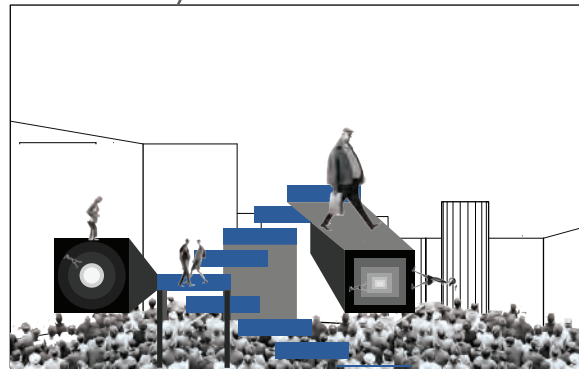
"Urban designers and landscape architects observe physical public spaces as spaces that are able to accommodate accidental meetings, reveal places' identity, provide impulsive on the spot choices, and allow human-nature interaction through wind or sunshine." (Lynch, 1990)



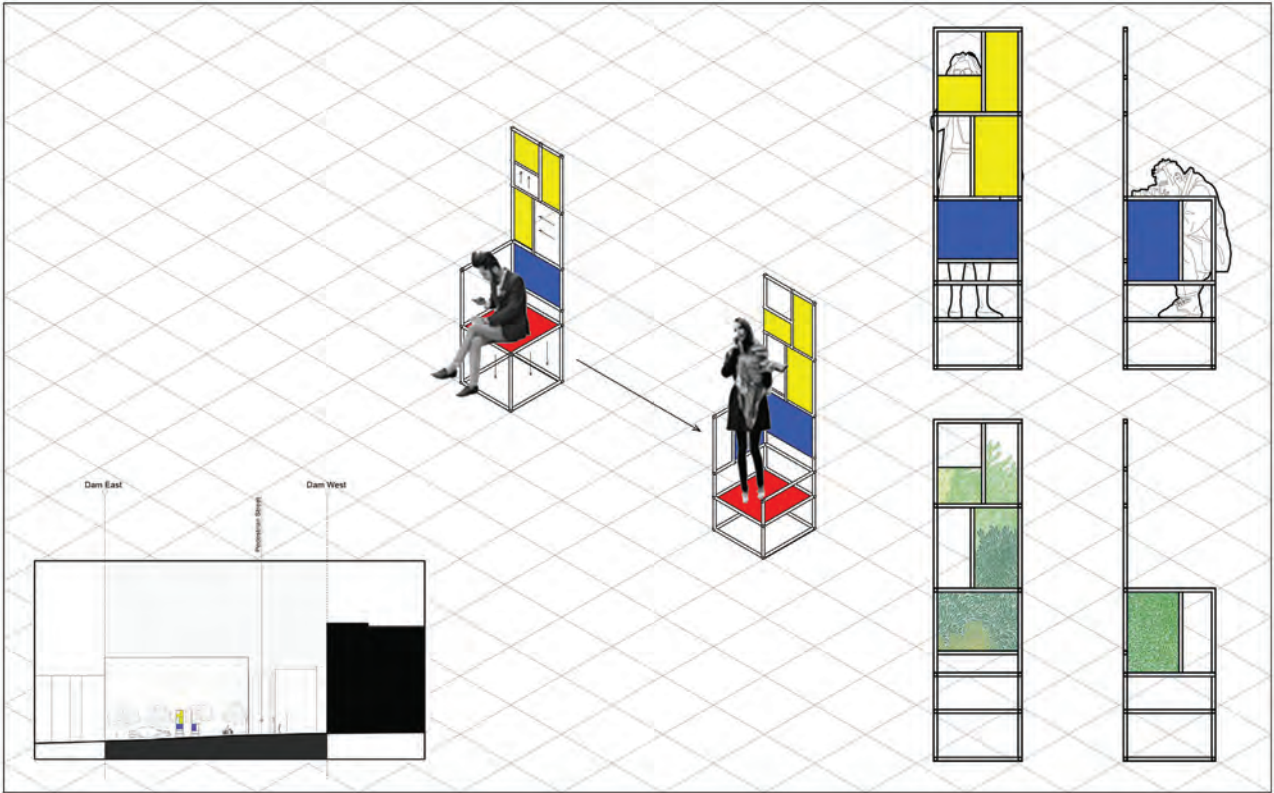
"Crowd anxiety and apprehension to pre-pandemic behavior were normalized due to the virus and subsequent lockdowns around the world. Additionally, social upheaval and other stressors have resulted in hesitancy to be comfortable sharing the same physical space with strangers."











# How to change our perception of time?

New Environment

A complete new environment can deconstruct time. It can be a strange environment that you have never experienced before.

Break Sequence

Our brain process time as a repeating pattern/sequence of movements. If the sequence is changed, our perception of time can also be influenced.

Way of seeing

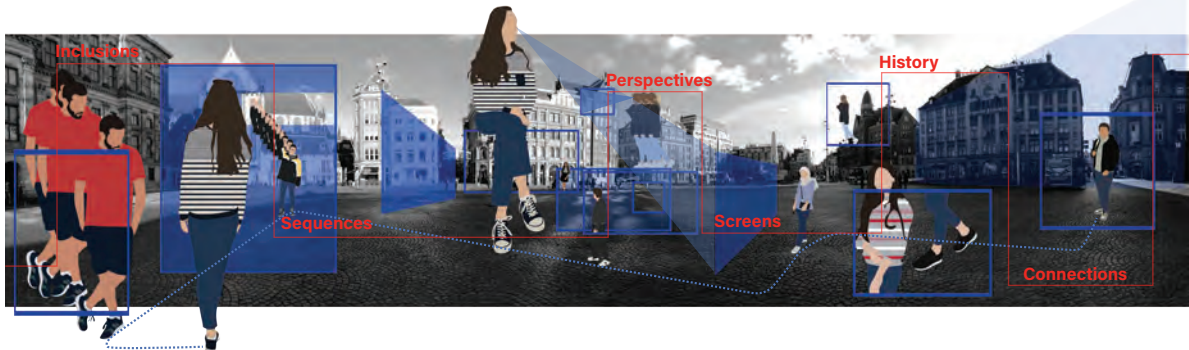
This is also related to the consciousness of surrounding environment. For example, when there is a mirror next to the elevator, the waiting time seems to be shorter.

Unpredictability

This is also related to sequences. When things are not happening in the way that you are used to, you might find time goes faster. For example, fear can "prolong" time.

Meditation

When you meditate, have you noticed that time flies? This is also another way to control our emotions and therefore change our perception of time.



Screen as a filter

Different perspective

Sequence in the past

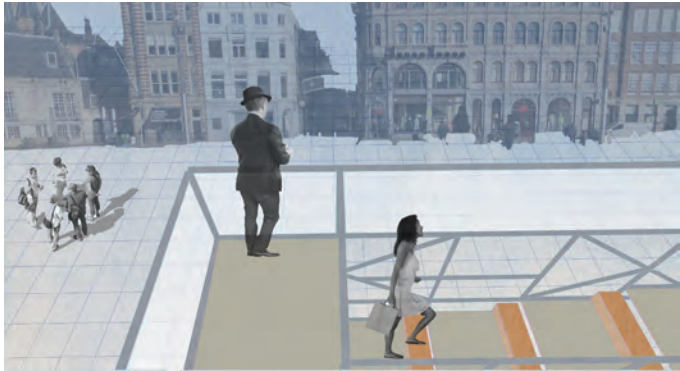
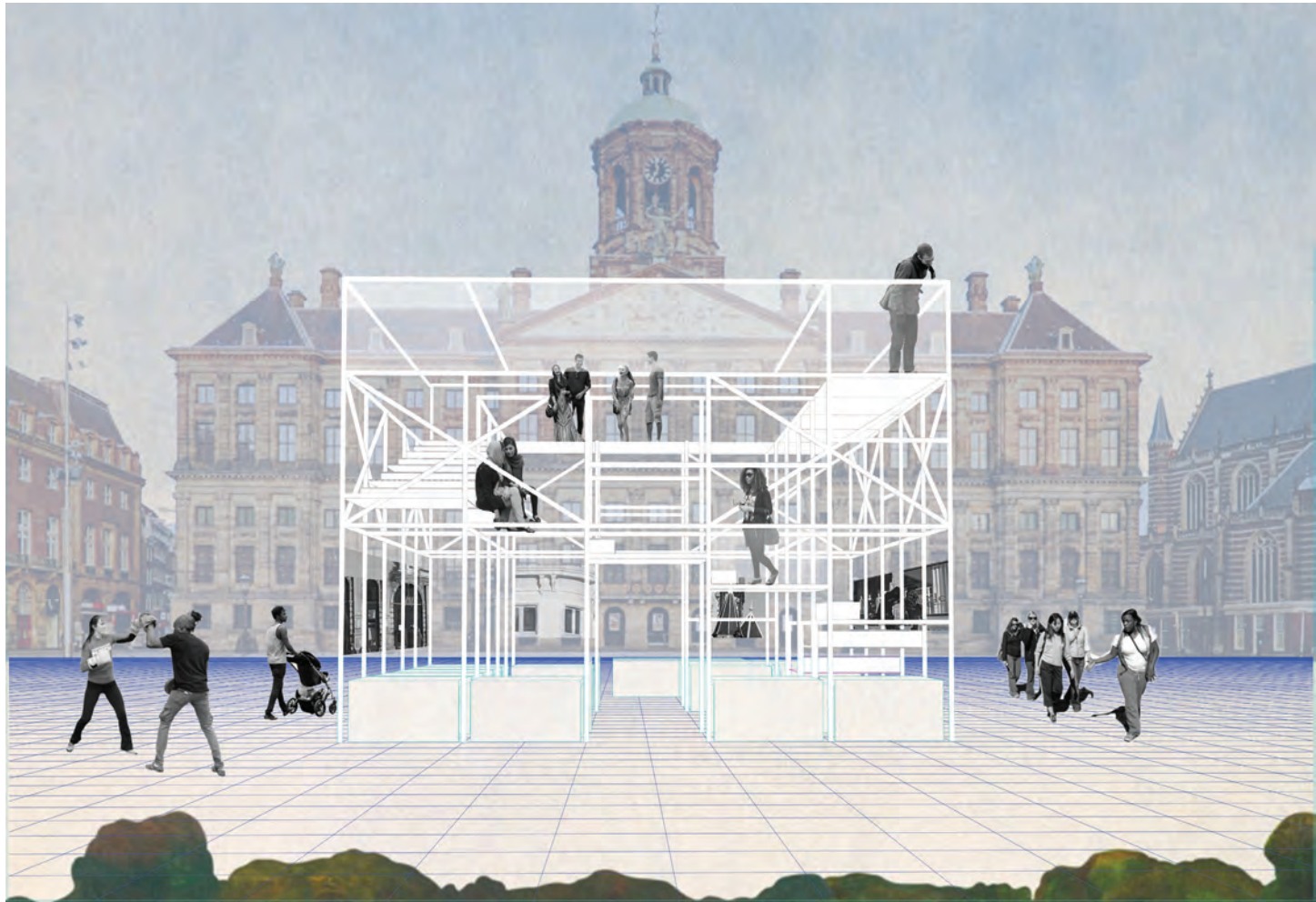
Enlarged details

Different perspective

"Crowd anxiety and apprehension to pre-pandemic behavior were normalized due to the virus and subsequent lockdowns around the world. Additionally, social upheaval and other stressors have resulted in hesitancy to be comfortable sharing the same physical space with strangers."

Therefore, the space is using Materials/Screens/Cameras/Mirrors/Heights as (im)materials to distort the perceptions of people in order to let down the stress in approaching crowds, and therefore having a safe and relaxing space for socializing.





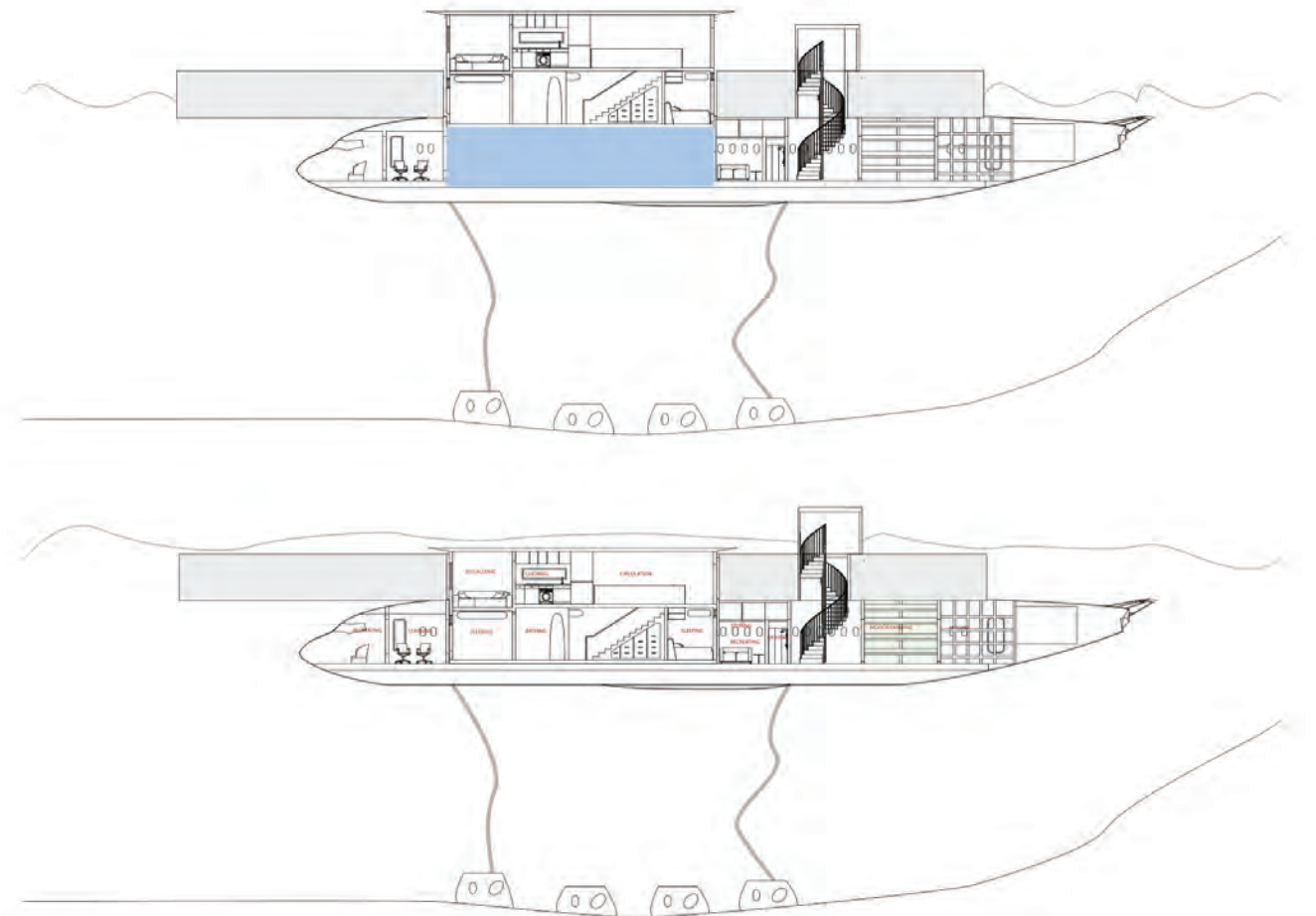
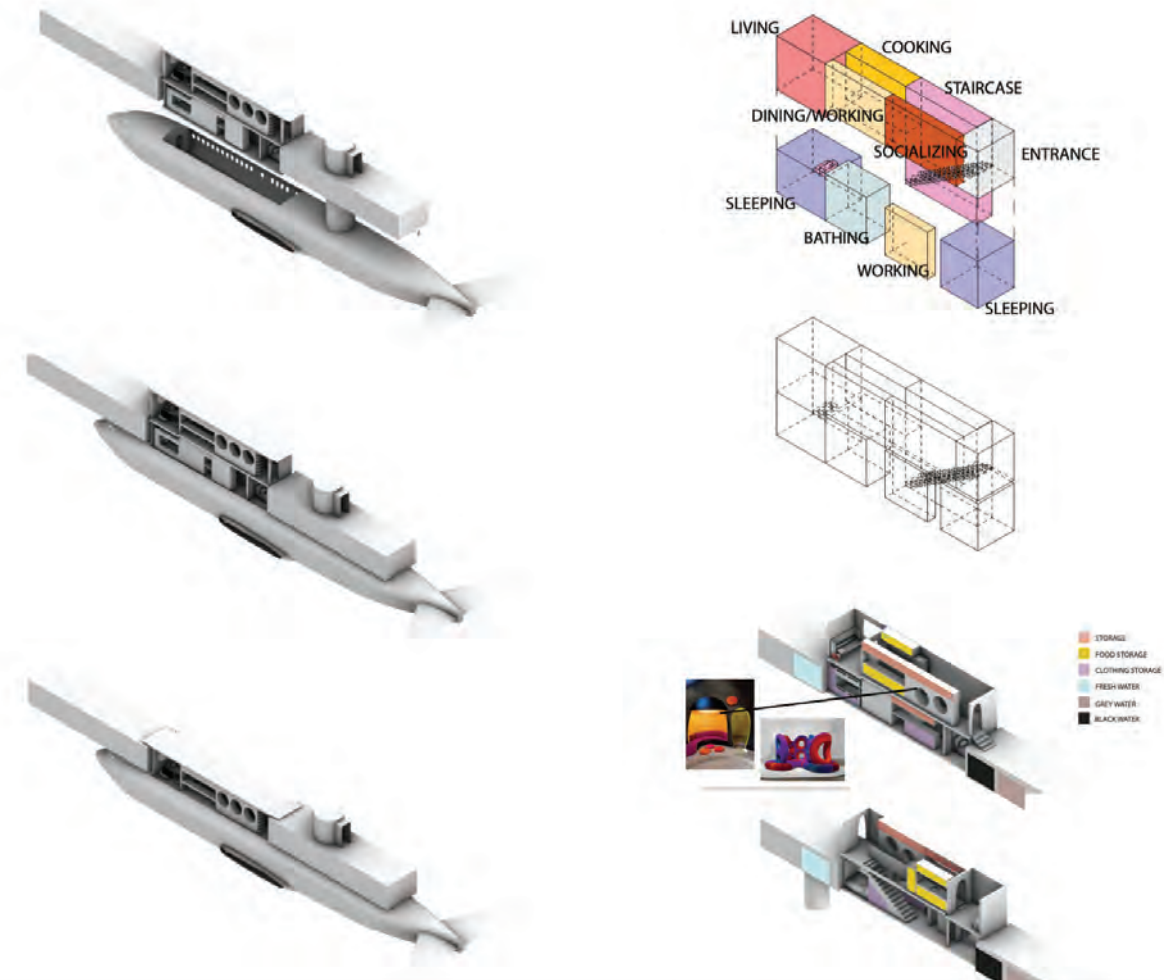
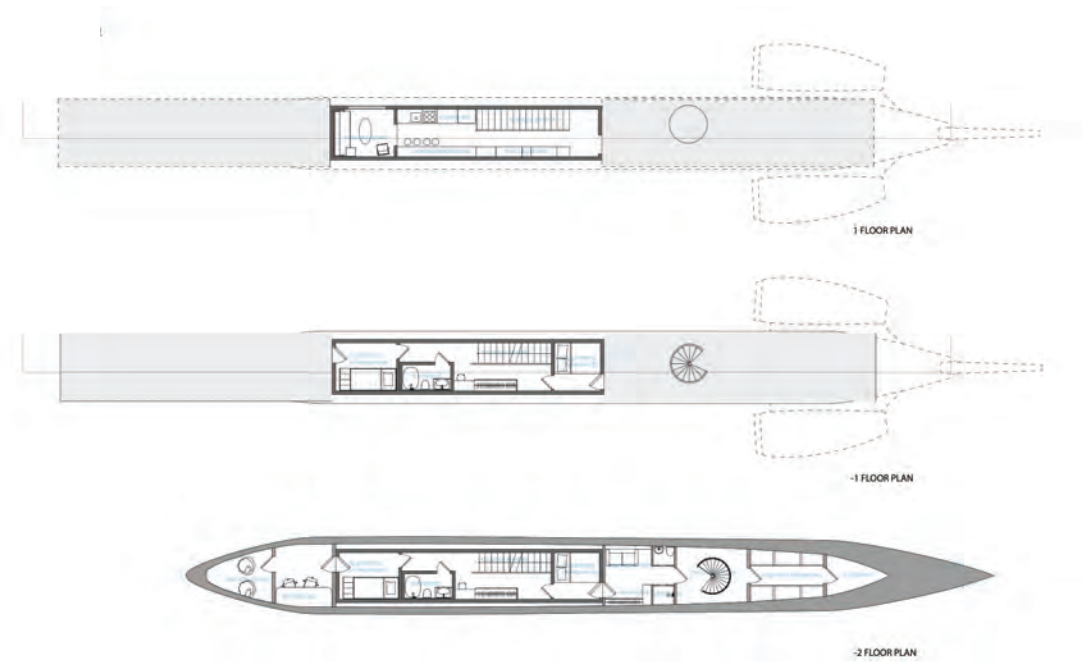
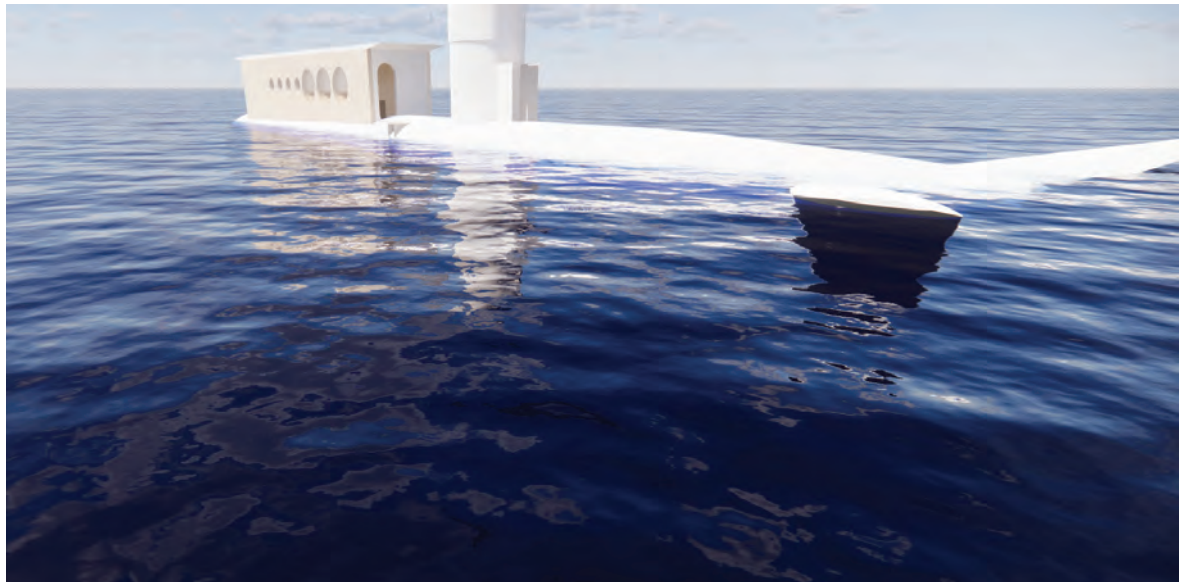




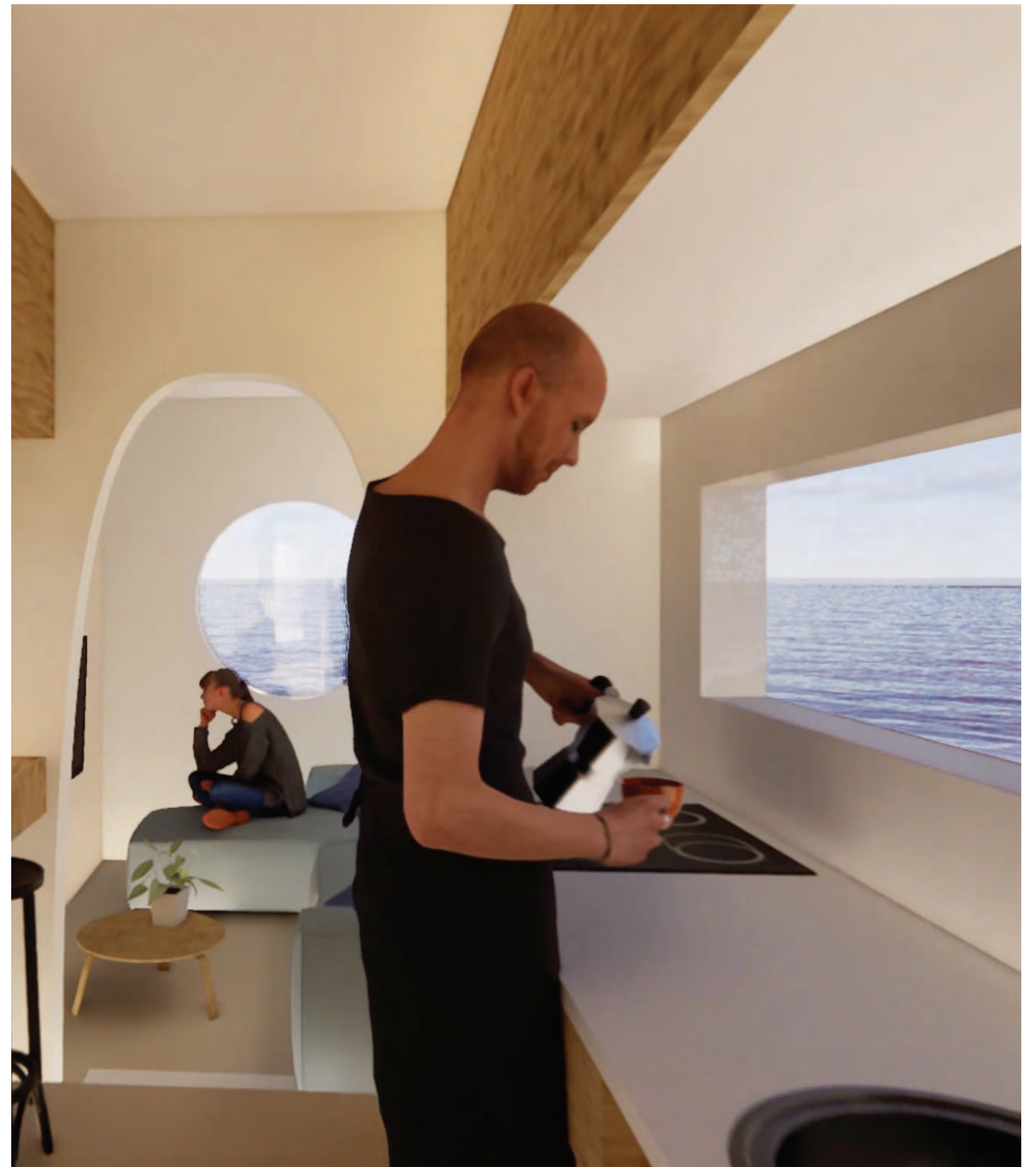
# Submarine

ADVISOR  
DAVID LING

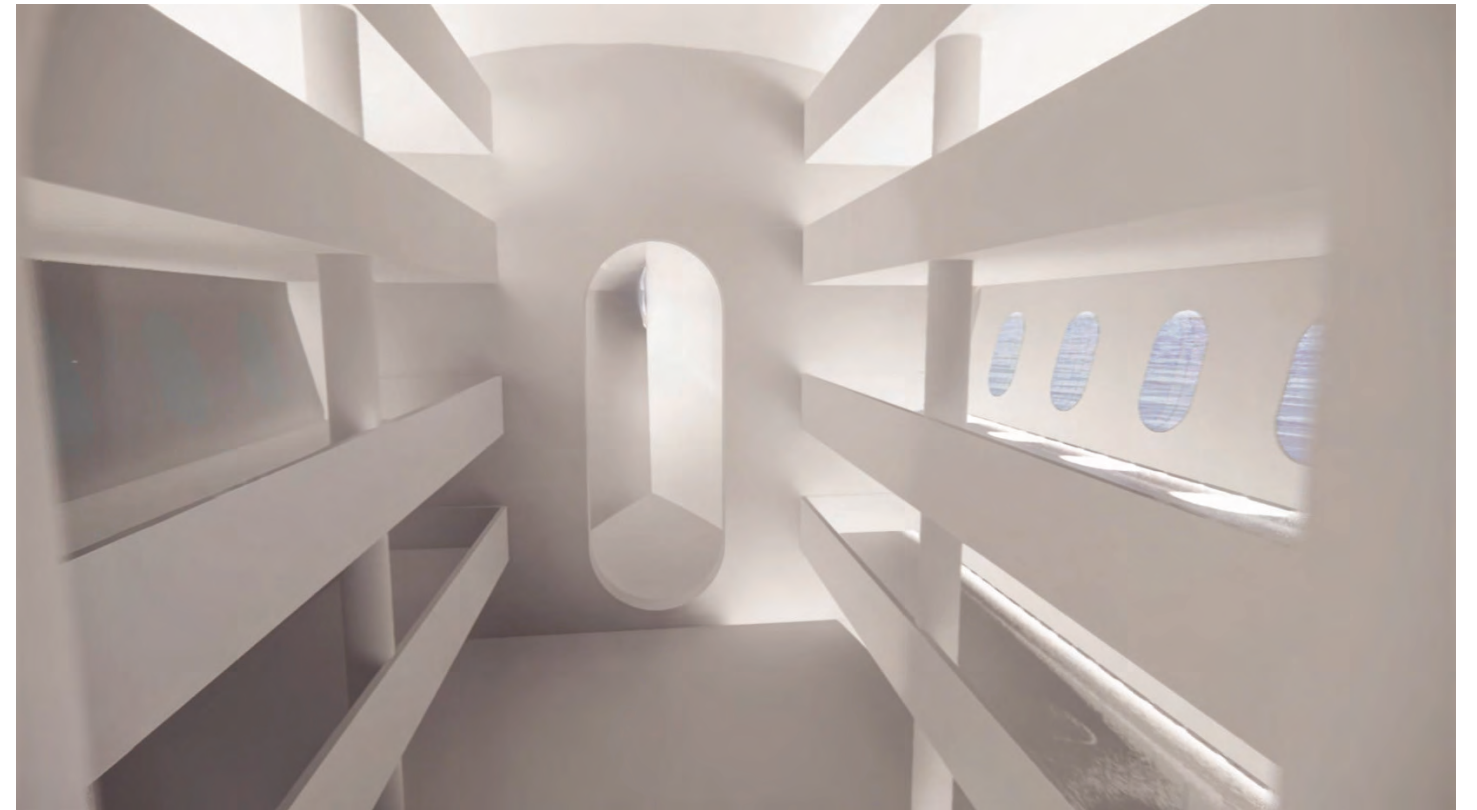
Human had to move away because they destroyed the ecosystem in the water. Now the wildlife is coming back, will the history be rewritten if human takes another approach? What is the balance of cohabitation between human and wildlife? What is the possibility of living off-grid in a mega city like New York? The project is designed to meet the needs of families living in poverty in New York City. Boeing 727 and shipping containers are used as existing shell for the vessel. The problem of future habitation for impoverished population after global warming is discussed within the vessel.















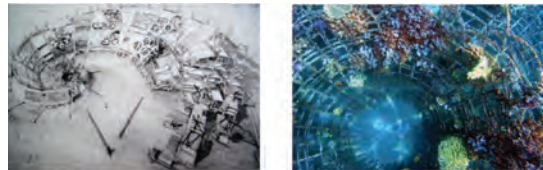
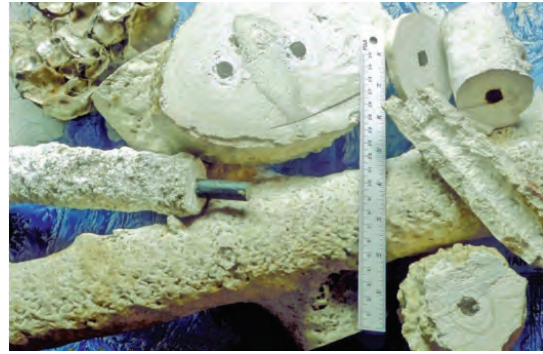
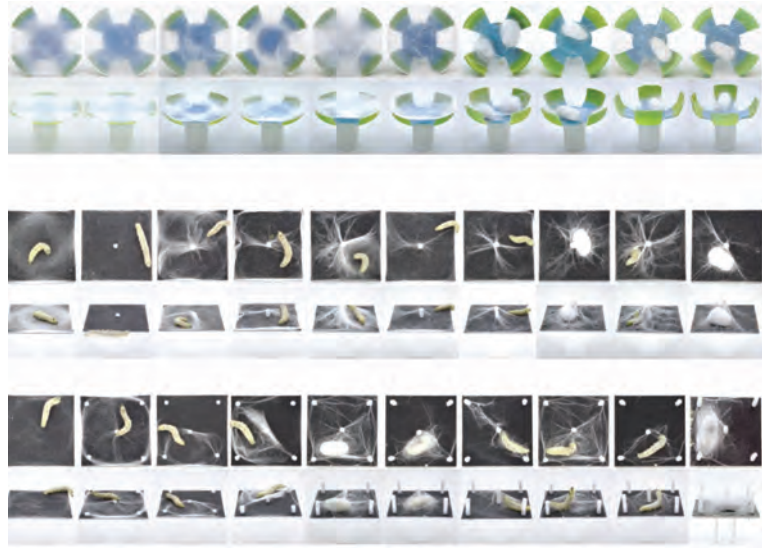
RESIDENTIAL

# Submarine

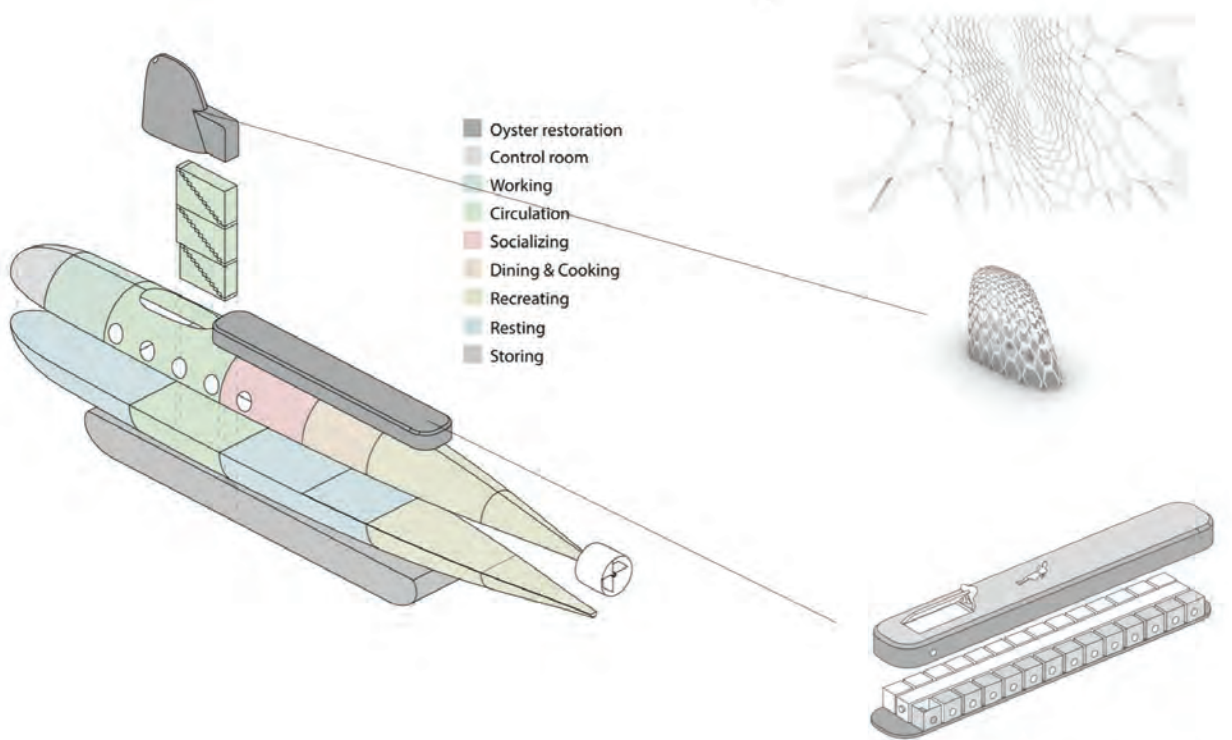
ADVISOR  
DAVID LING

This project continues to explore the possibility of cohabitation between human and wildlife in a deeper level. To incorporate oysters in Jamaica Bay, a new vessel is designed using war-time submarines and renovate to accomodate the need of offgrid life in the ocean. The deck is designed to carry oysters. Oysters would grow on the submarine and form a biological shelter.

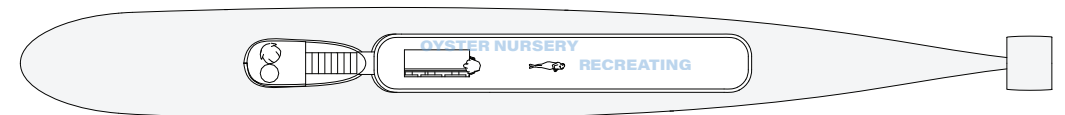




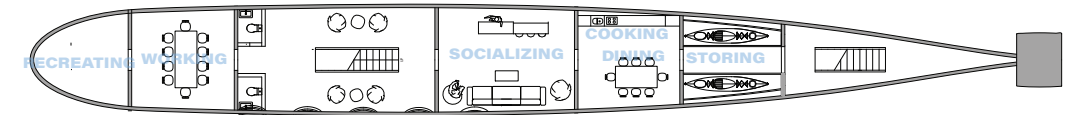
blablablablab



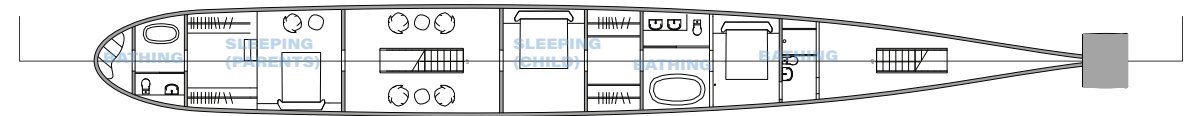
Oyster nursery



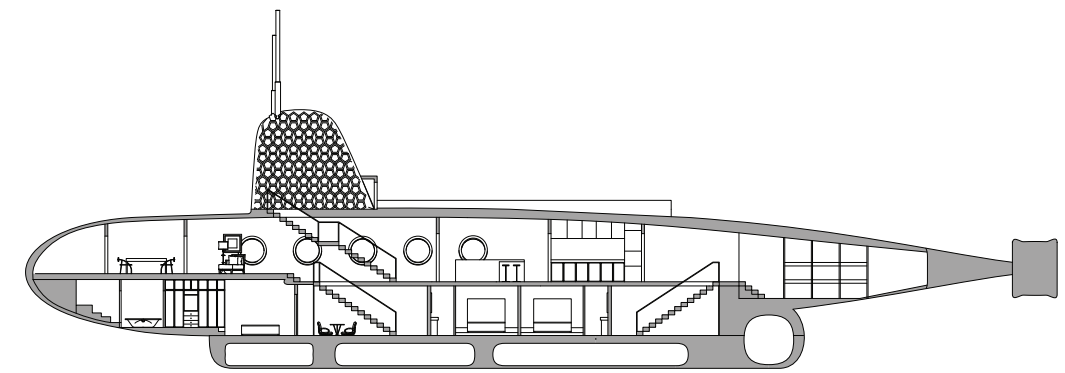
LEVEL 0



LEVEL-1

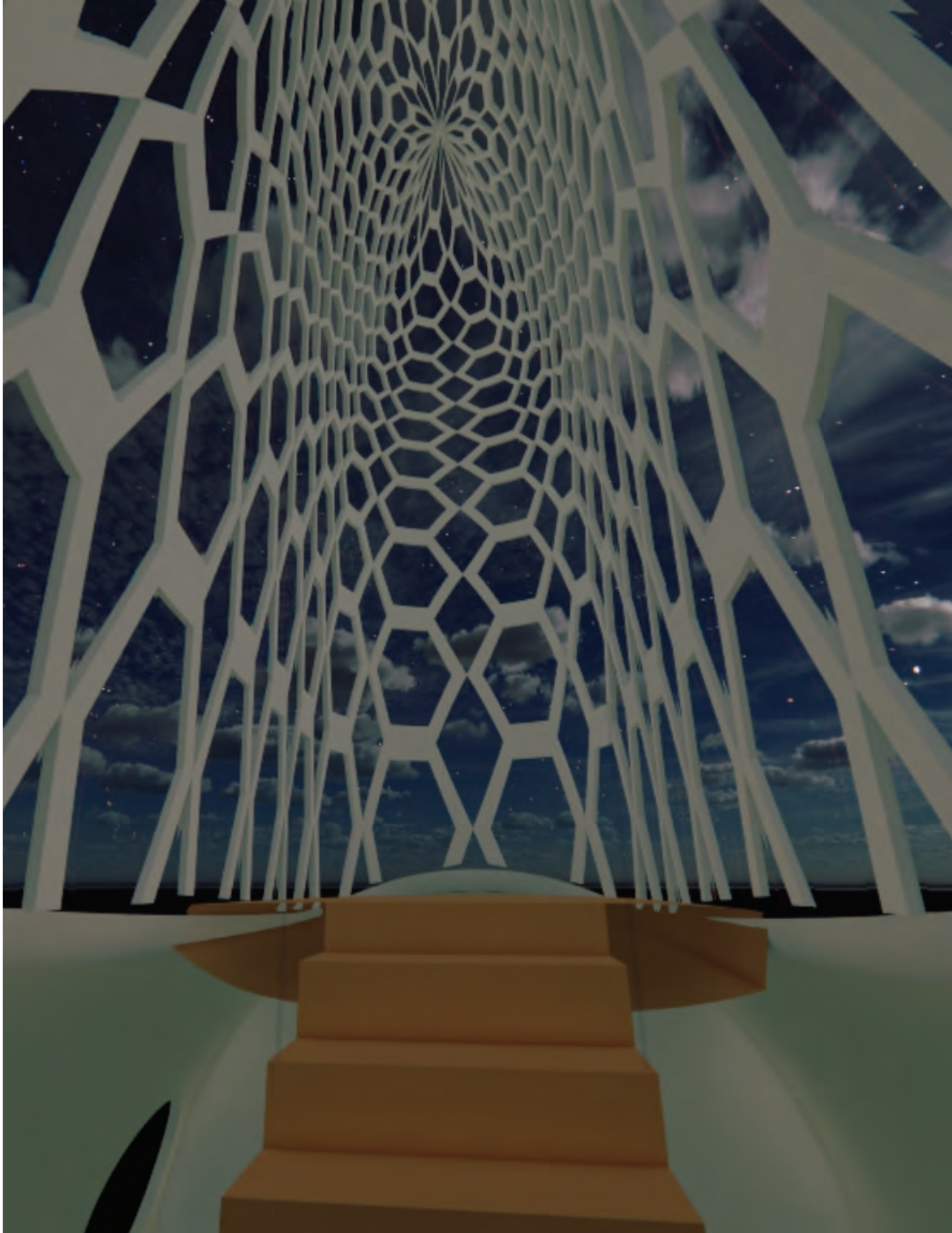
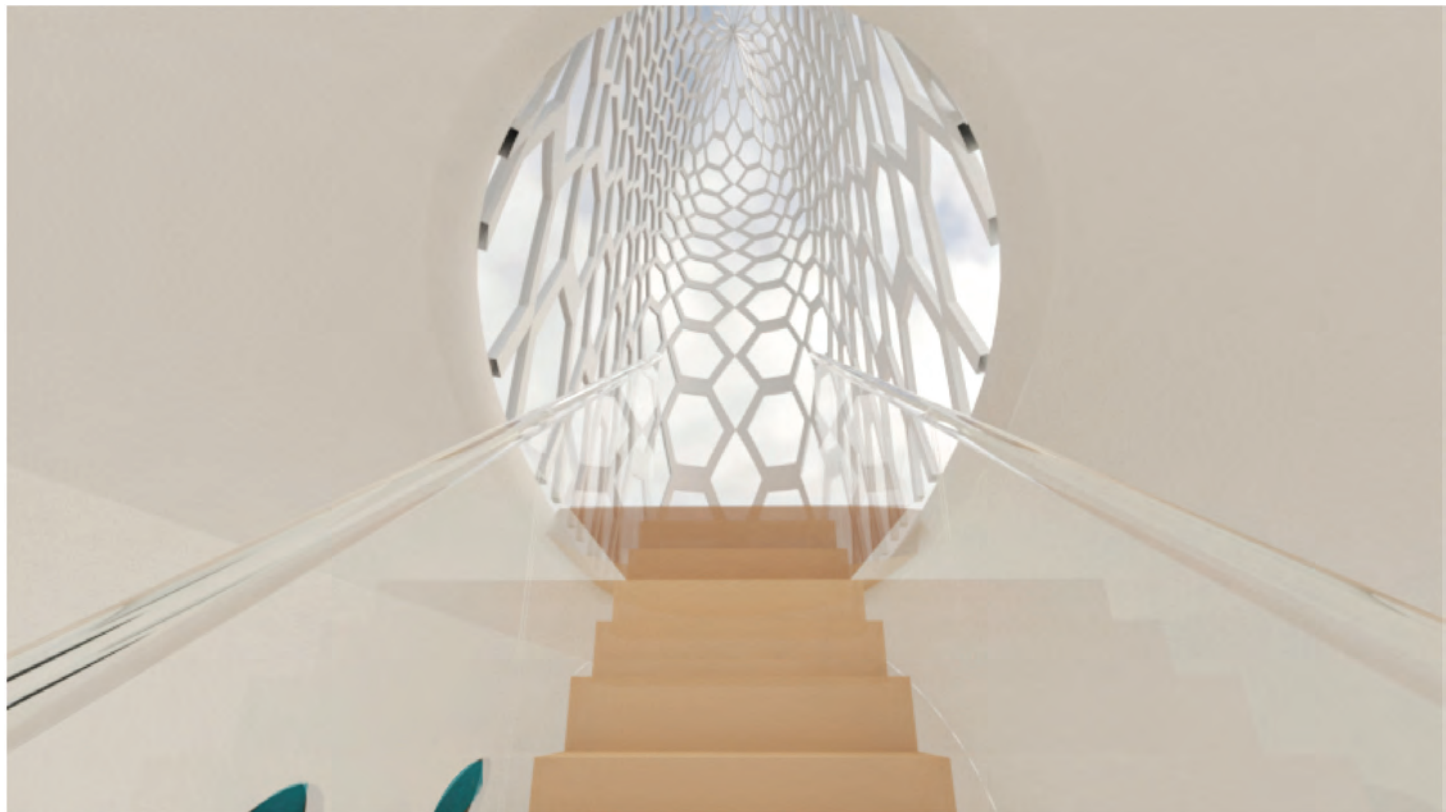


LEVEL-2



SECTION











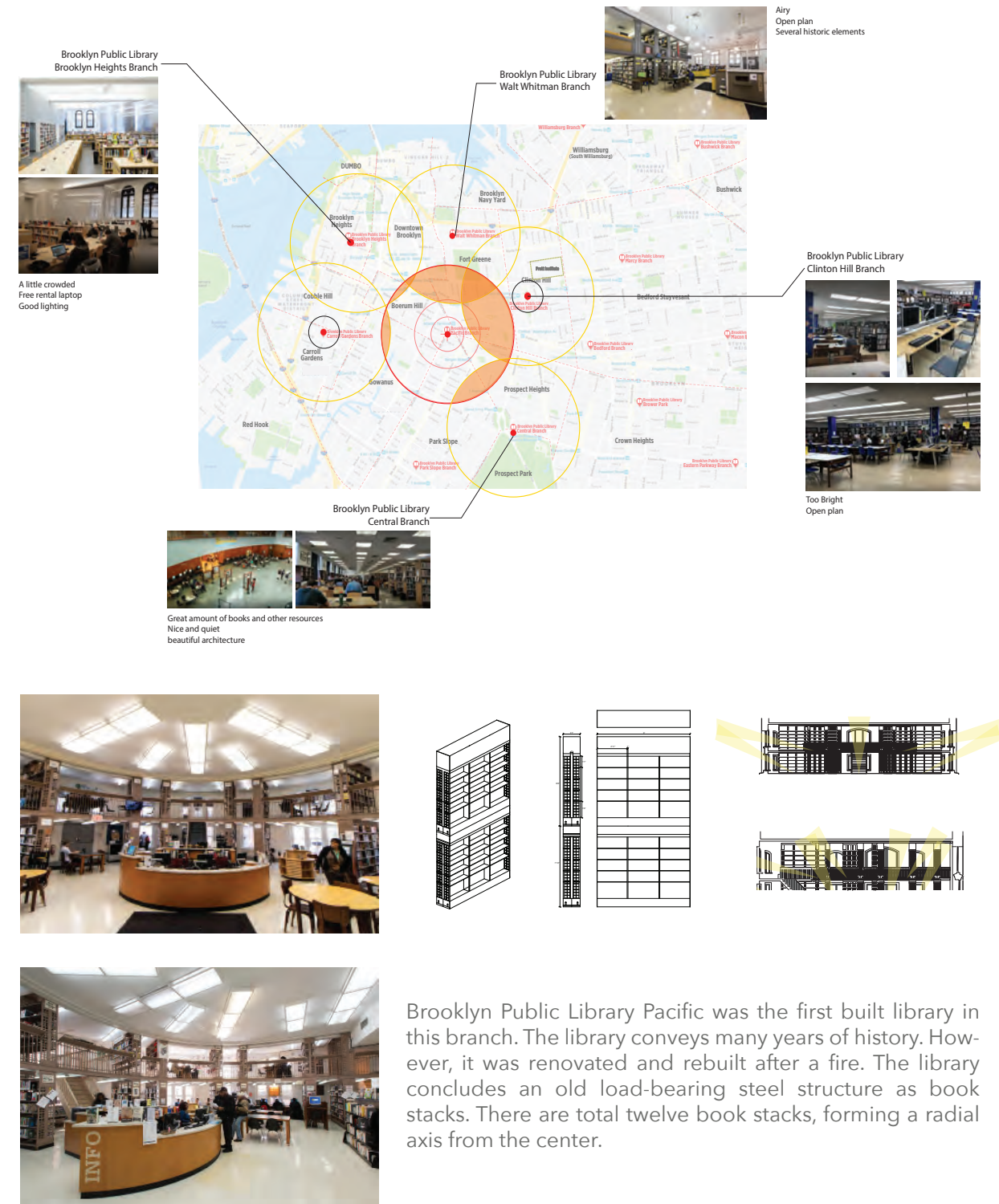
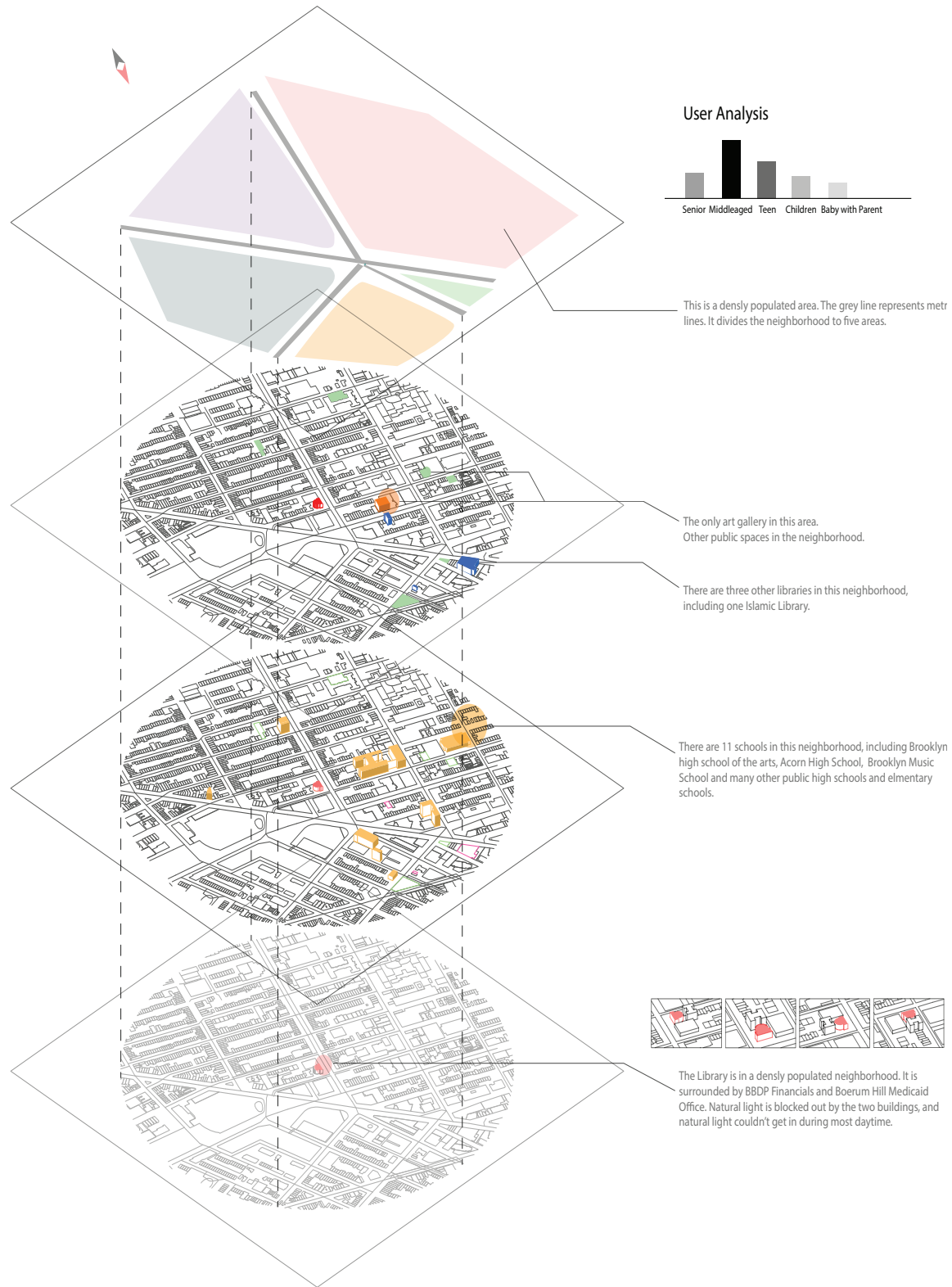


# GALLERY WITHIN LIBRARY

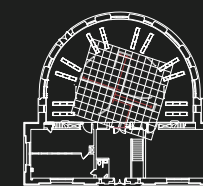
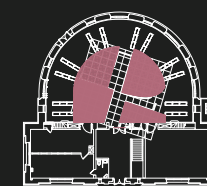
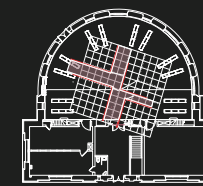
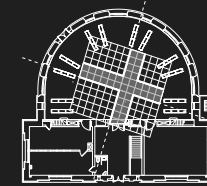
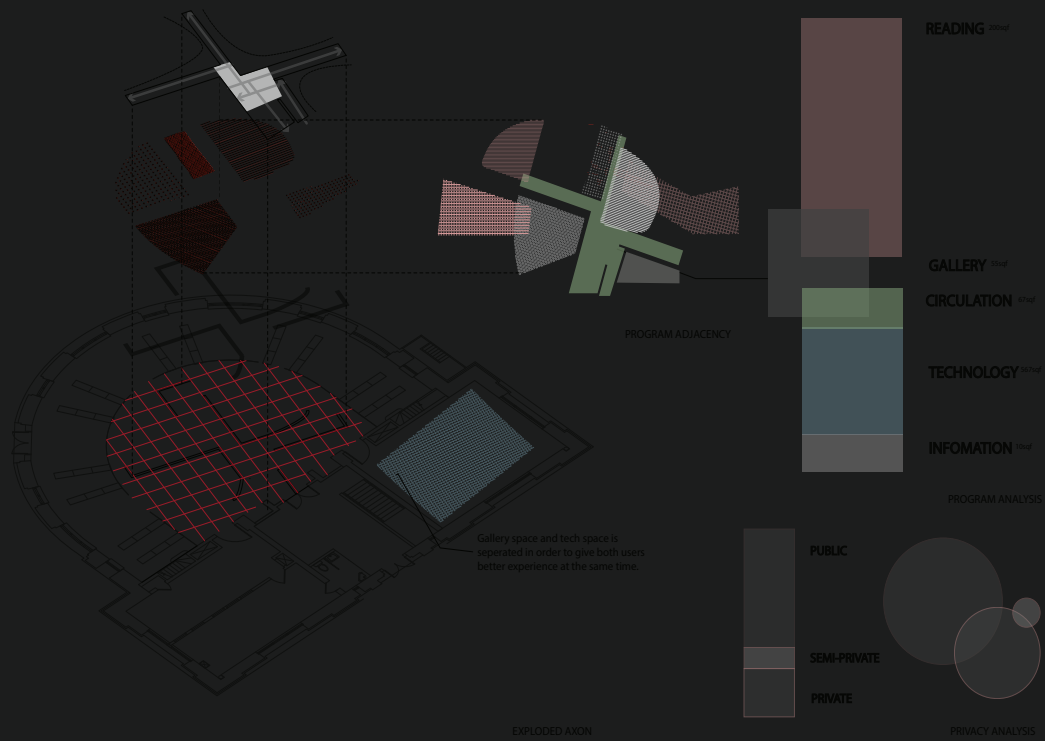
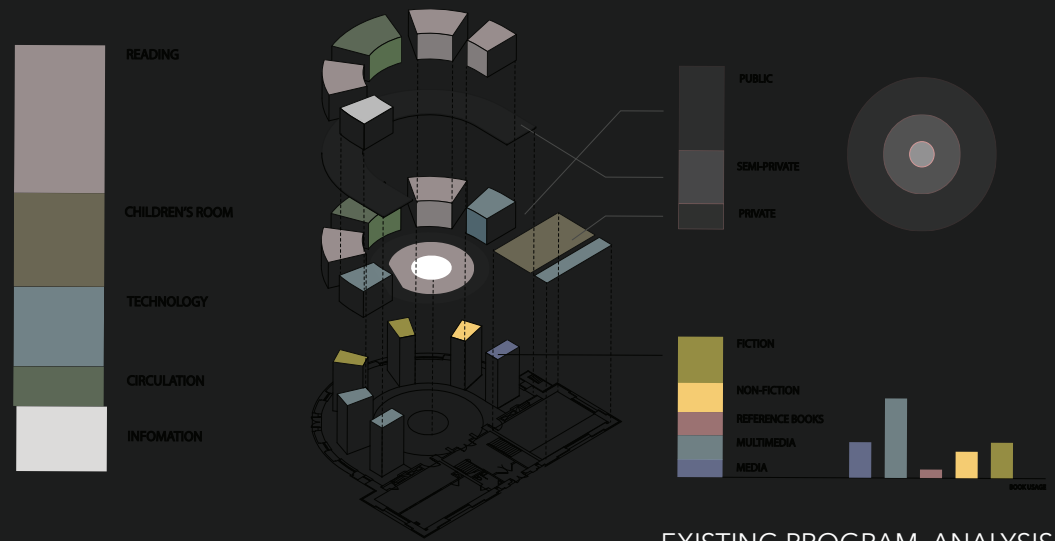
ADVISOR  
SUZANNE SONG

Imagine work in a library that surrounded by art pieces. In the neighborhood of Brooklyn Public Library, there is high demand but little supply of spaces for art. The library is renovated to provide people an opportunity to work in an environment with art. The partitions are designed based on the axes of existing stacks. In order to reach the goal that everyone can have a vision of the paintings and other art pieces, there is a distortion of the walls at the mezzanine level. The new walls therefore form new spaces with the existing ones.

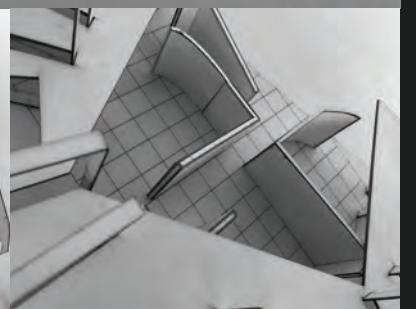
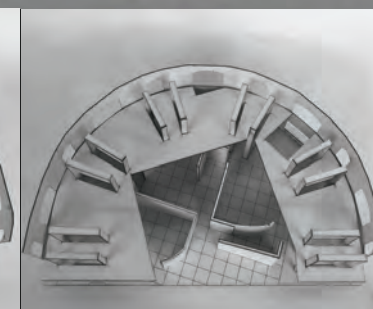
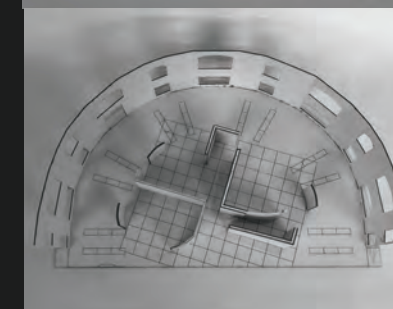




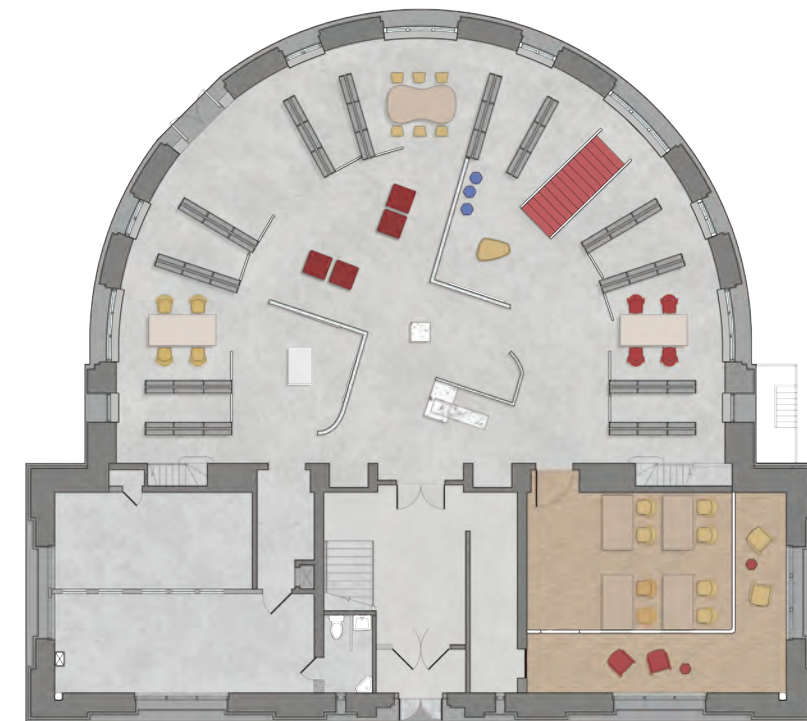
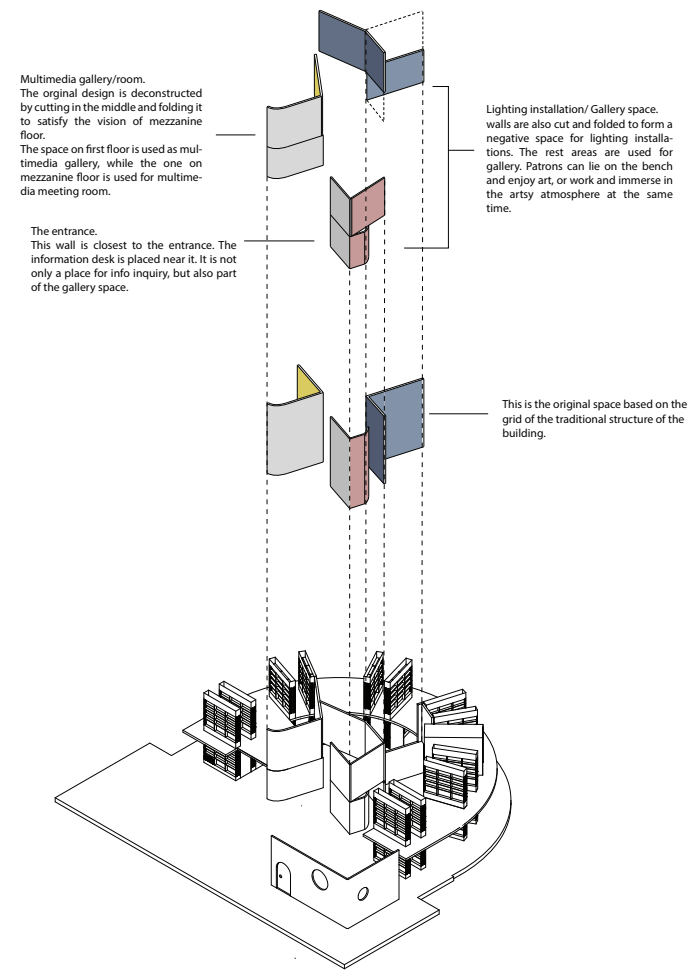




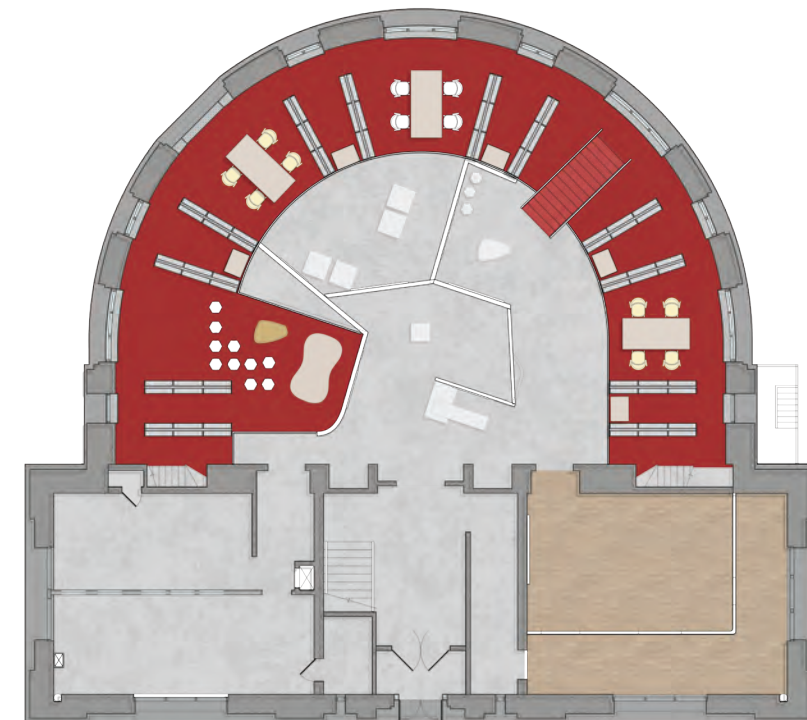
Different designs are tested with three different lighting conditions. Three kinds of layout will lead to completely different light effect. In order to test out the final choice, a larger model is made to show the relationships between scale and effect.







FIRST FLOOR



MEZZANINE FLOOR







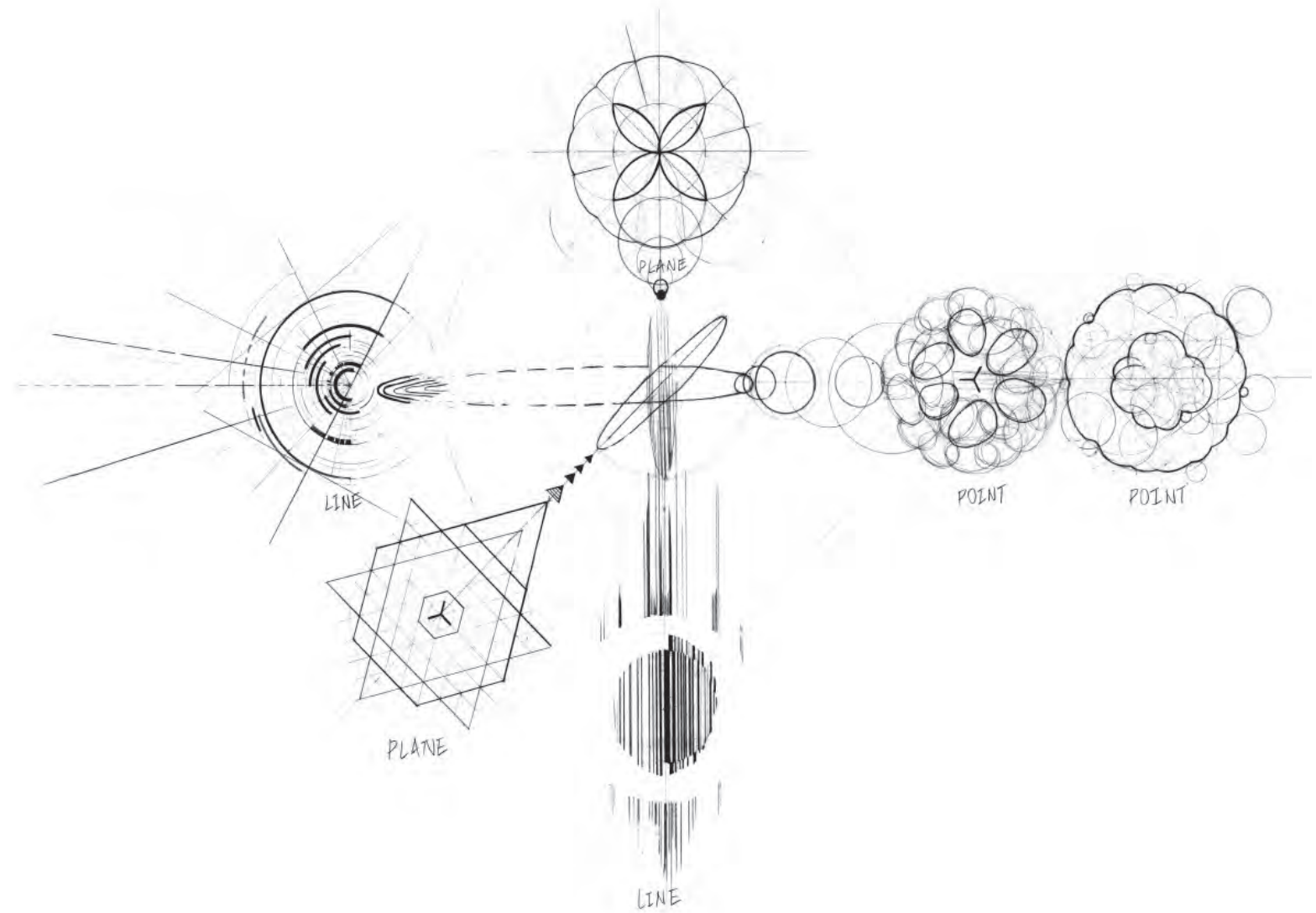
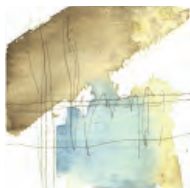
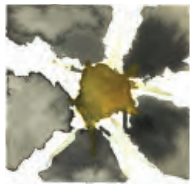
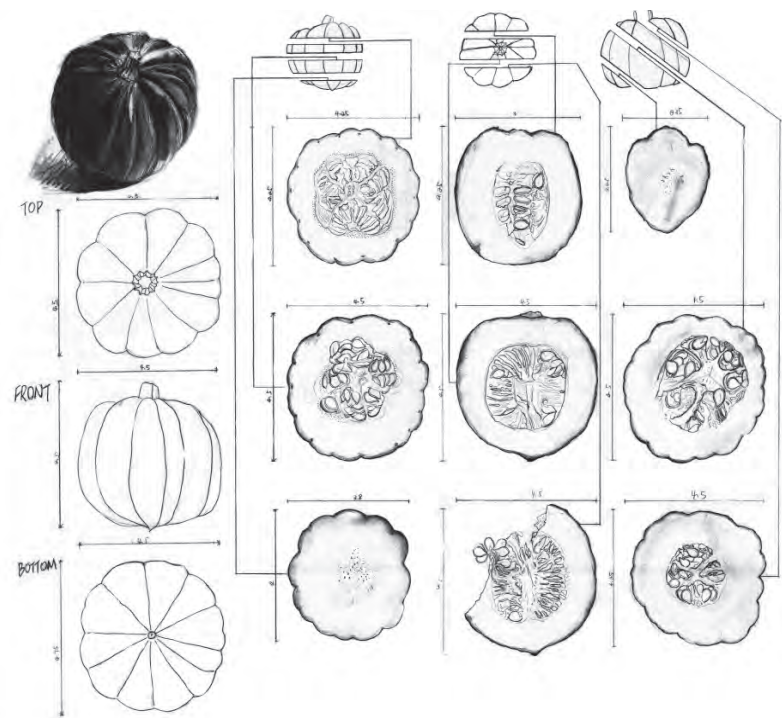


# Echo

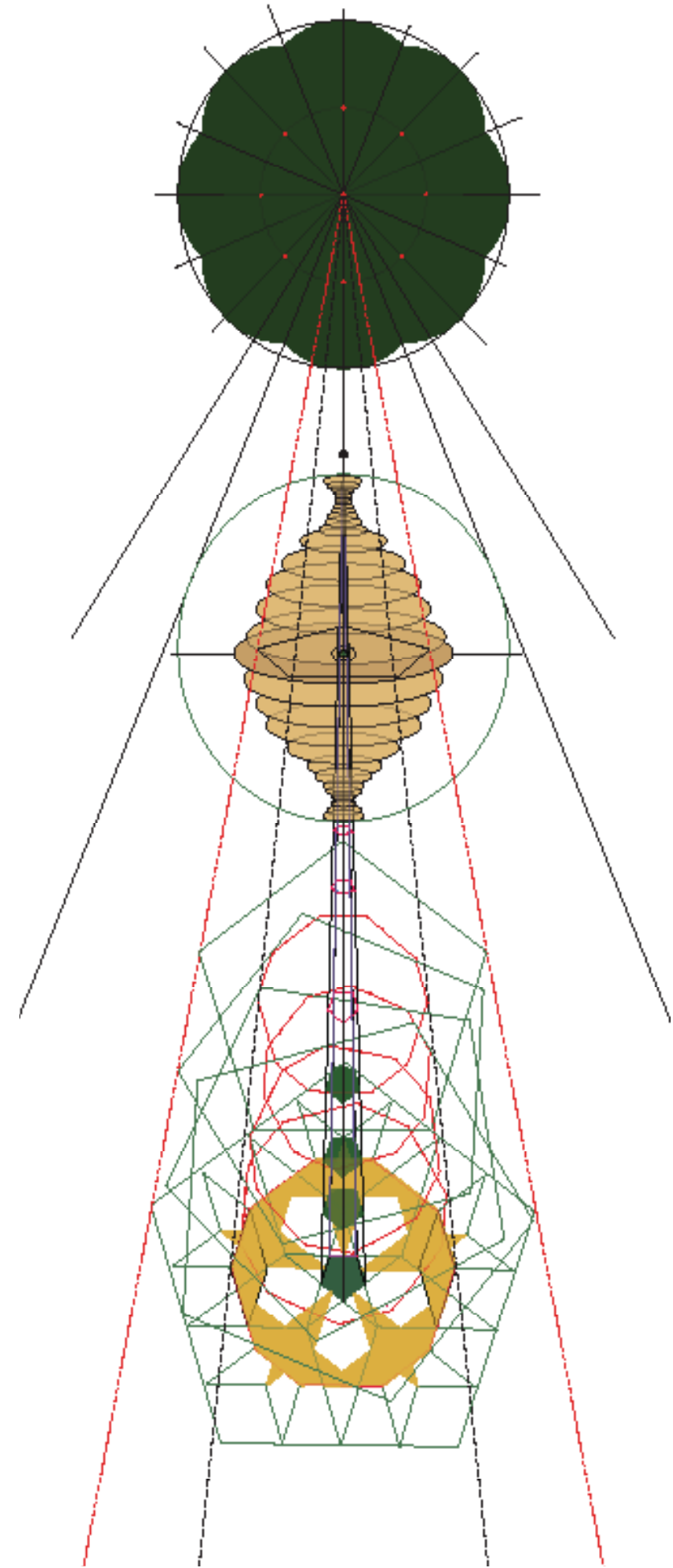
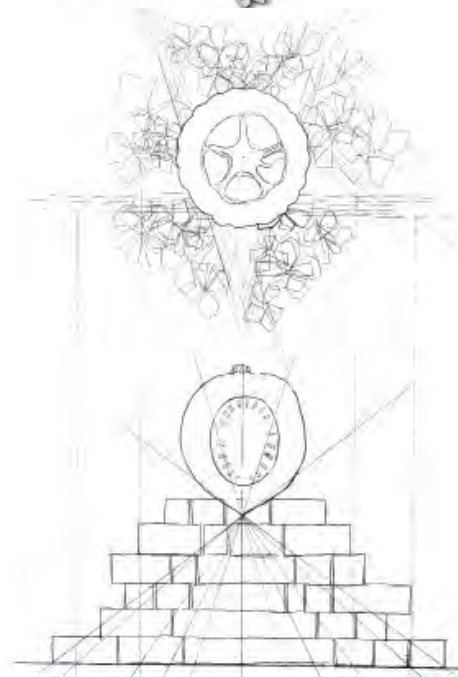
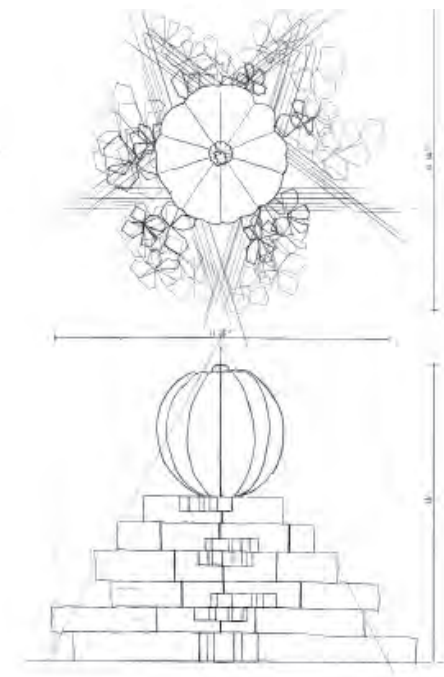
ADVISOR  
WILLIAM WATSON

Winter squash is a sweet taste vegetable having distinctive longitudinal ridges on its exterior and yellow-orange pulp inside. Squash has a system that radiates from the inner center to outer appearance. There is an axial in the middle that holds all the branches. The whole system is layered, and seeds fill the cavities between each layers. The system is embraced by flesh of the squash that is sturdy and condense with a certain thickness. The whole system shows spherical shape that all structure rotate from the inner axial.





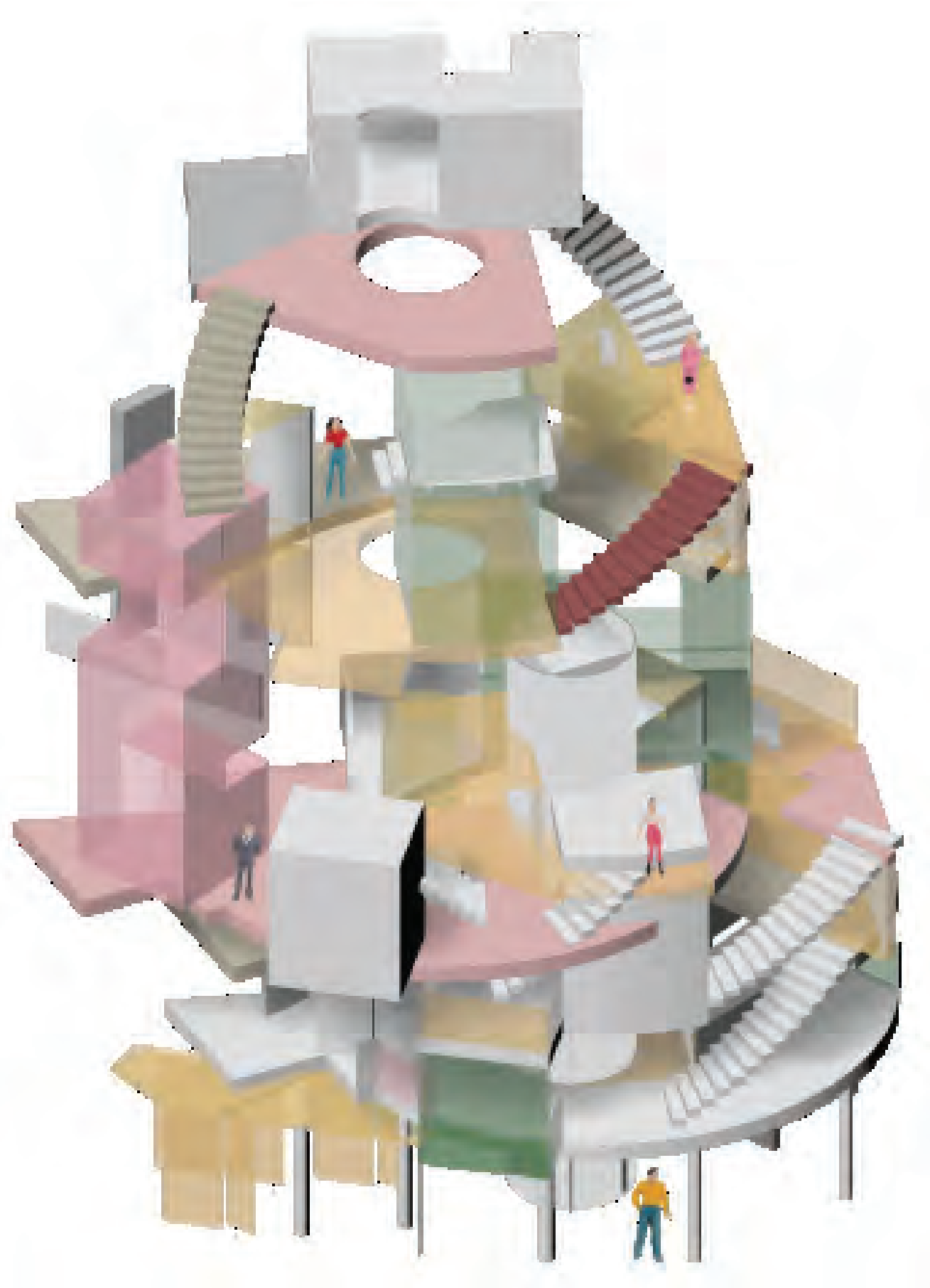












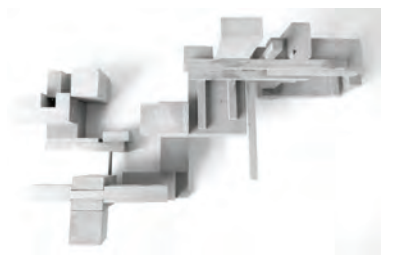
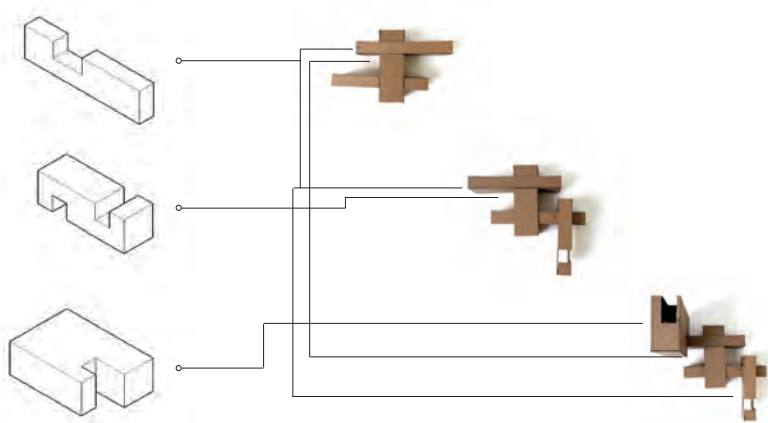
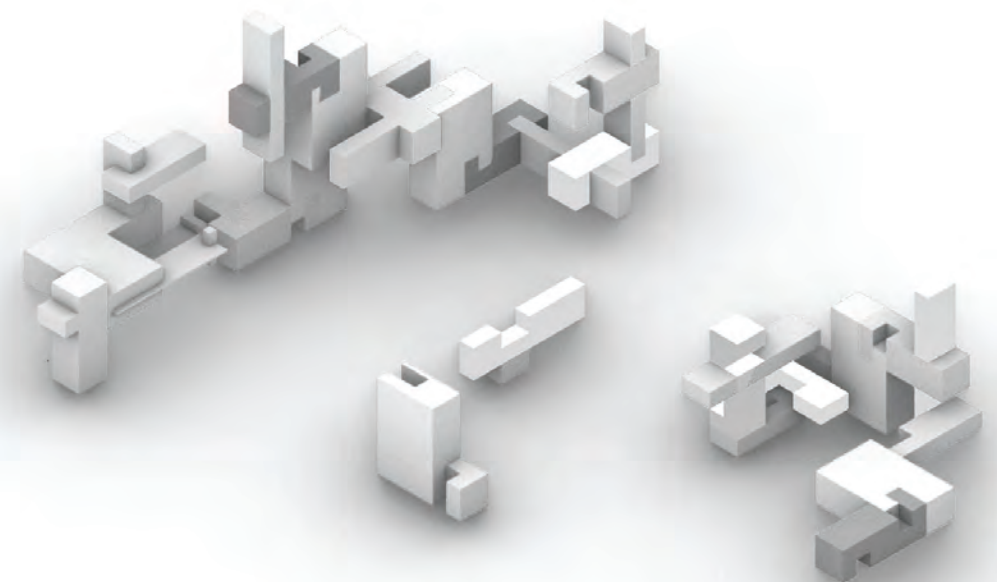
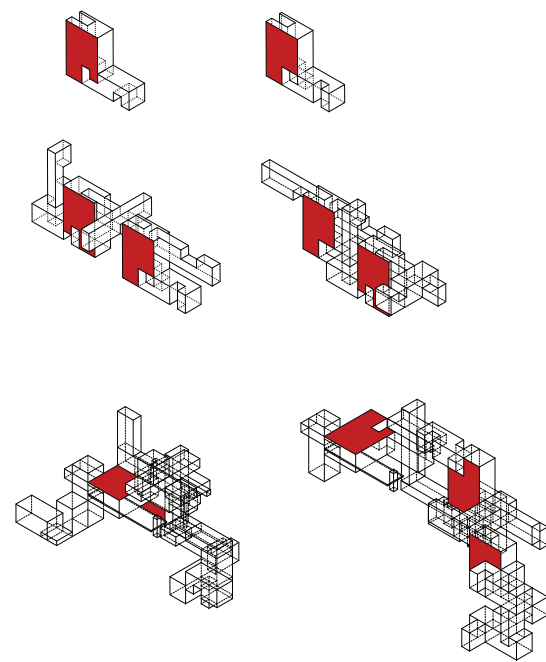
# Clusters Growth

ADVISOR  
avWILLIAM HASKAS

Through the design of a retail space for New York City non-profit organization Housing Works, contemporary social, cultural and economic issues affecting the built environment would be addressed. Continuing investigations into aspects of materiality, sustainability and consumption in interior design.

The project will be developed through analysis of salvaged furniture artifact, and client research. Case studies of adaptive reuse in interiors, retails typologies and charity branding projects, will inform the design process. Formal relationships including section, void, volume, interior and exterior are investigated. An emphasis on understanding visual and physical adjacencies and occupancies, and the interface of circulation and program to design the project within a repurposed multi-level residence.



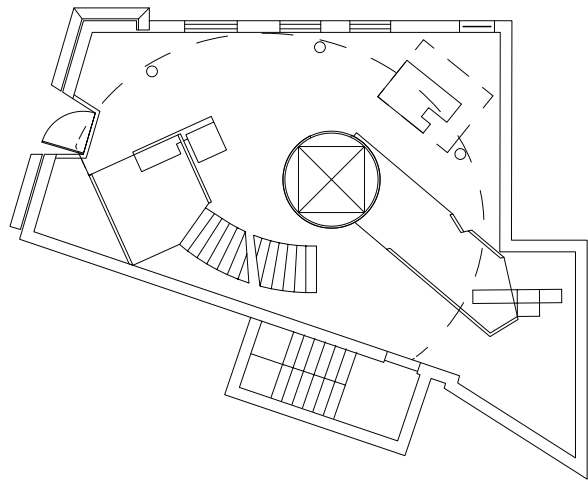




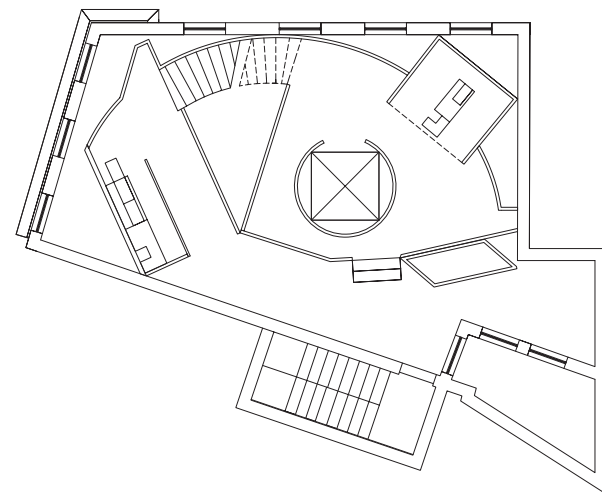


Based on the previous boundary study, a new construction is made. The scale of the model is increased so that the modules become a space rather than furnitures. Three main modules are stacked together in a spiral way that walking space is created. A section model is made based on the stack, and I develop the whole walking space based on the section model.

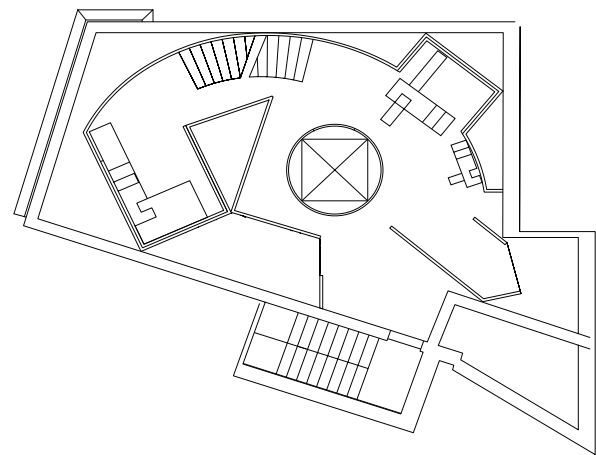




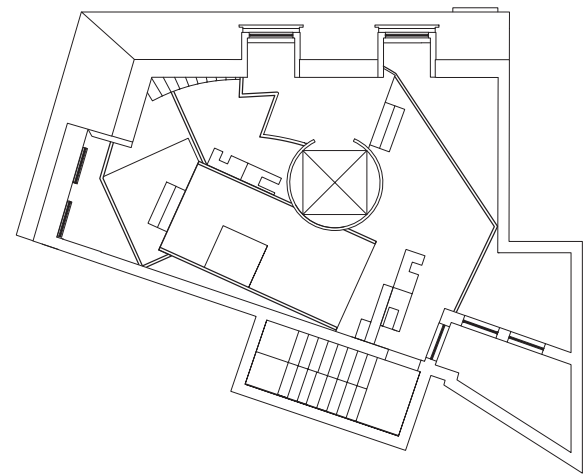
Floor one



Floor two



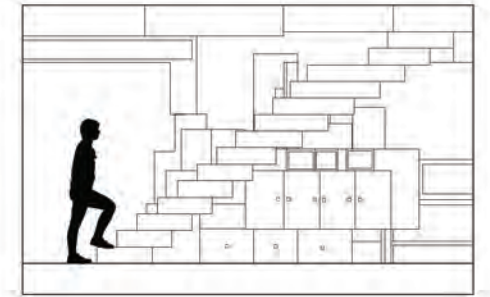
Floor three



Floor four

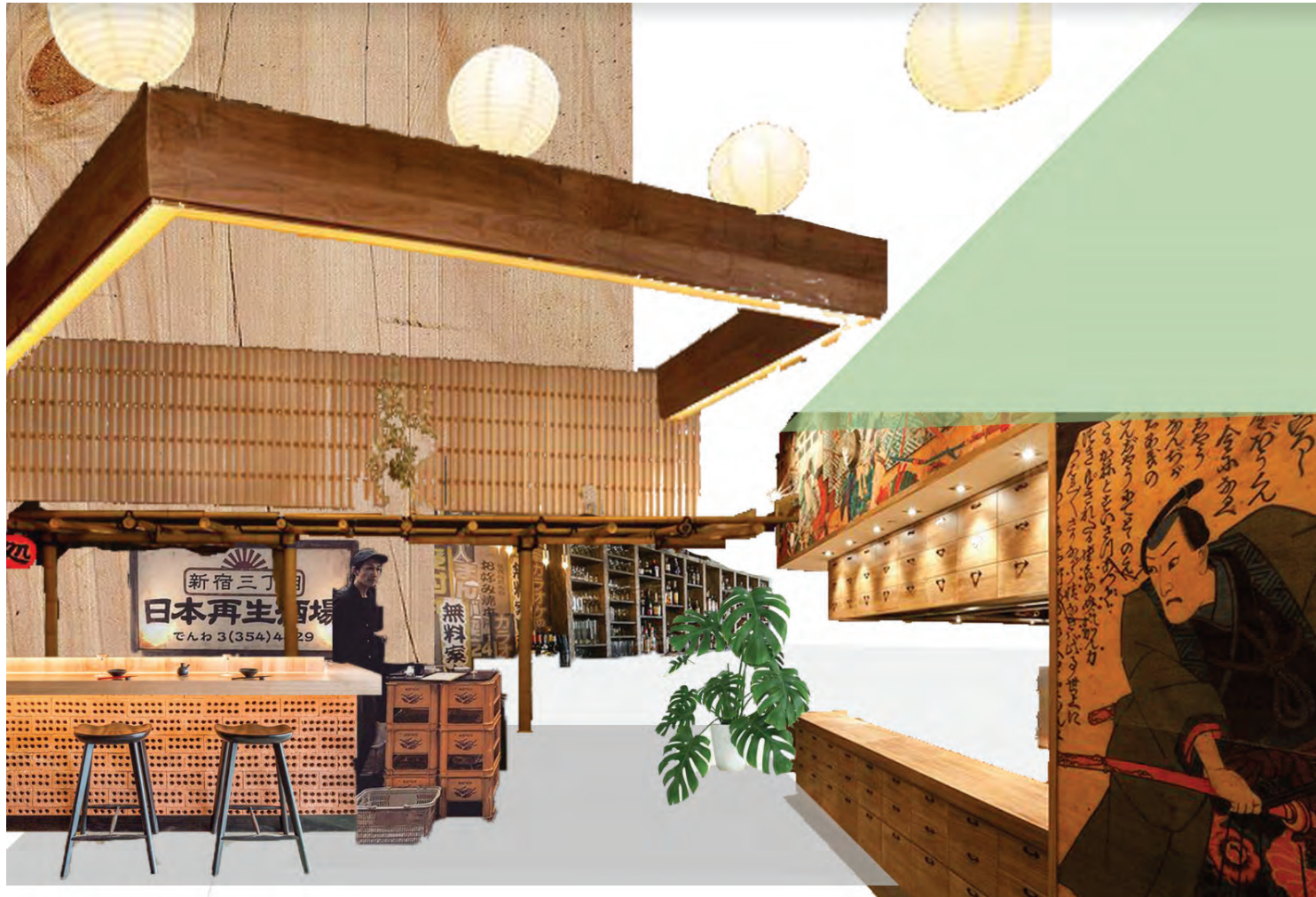


Section A



Section B





# Izakayas

ADVISOR  
JAMES COUNT

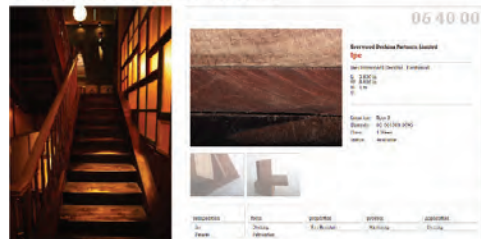
The concept is to accommodate people's need for bars and restaurants in a relatively small space. Inspiring by the Japanese Izakayas culture, when people get off from work, they can have a place to relax with friends, or alone. The bar is casual and light, providing opportunities to meet new people.



1, Handrail: Aluminum



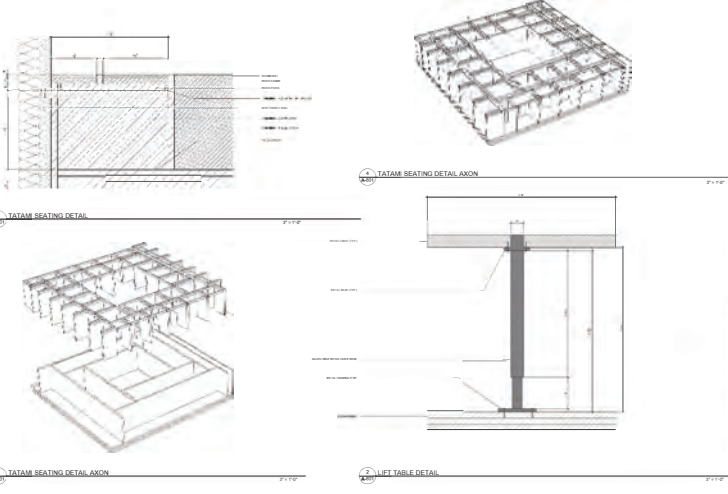
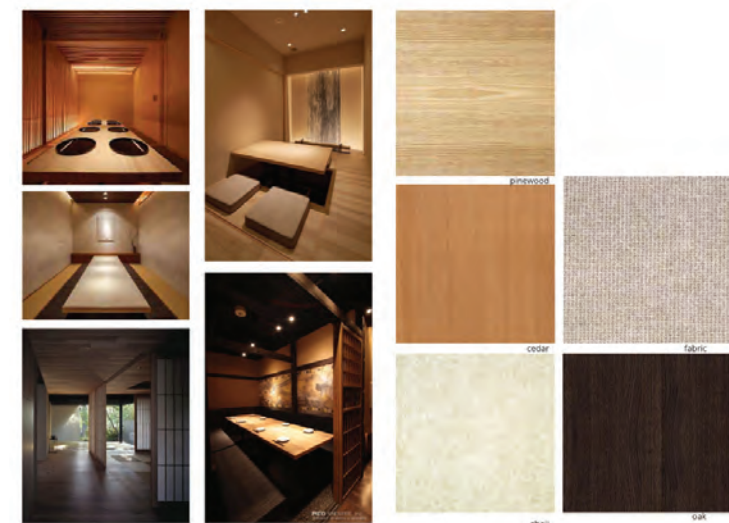
2, Riser, treads, Stringer: Hardwood Decking



3, Glass Wall



4, Shelf under the stairs: Oak



blablablablablab

