GSAPP | PORTFOLIO 2020 | OSCAR M CABALLERO

**OBED/ENCE** 

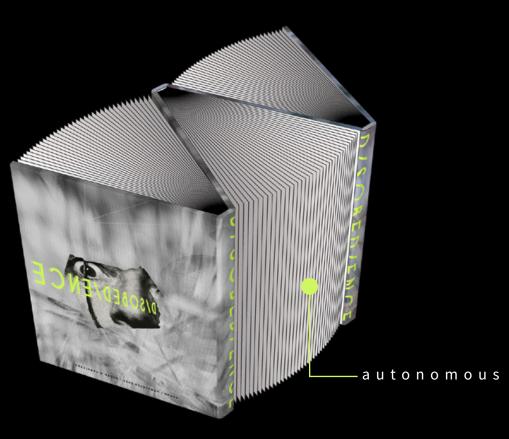


scan the QR codes in the book to watch live

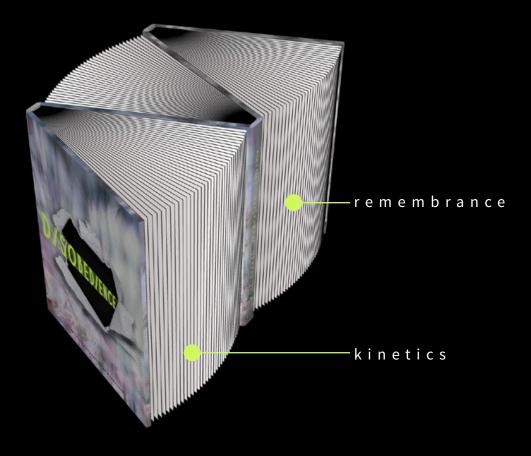
imagery

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## D/SOBED/ENCE portfolio 2020



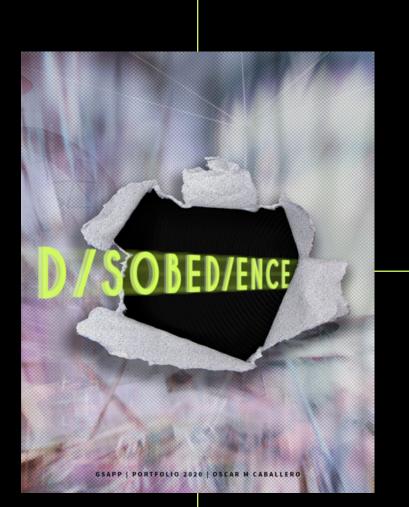
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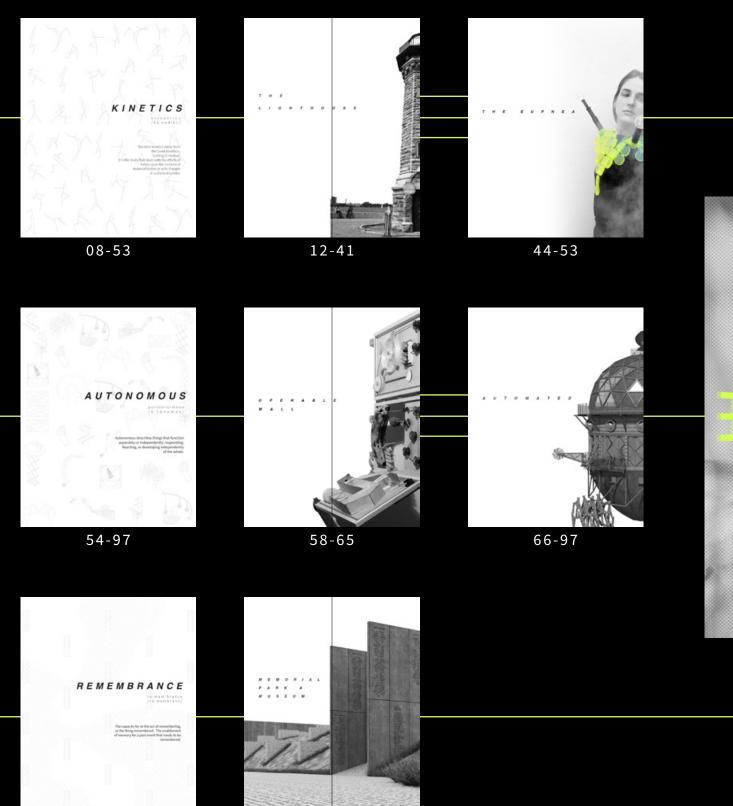






# C O N T E N T

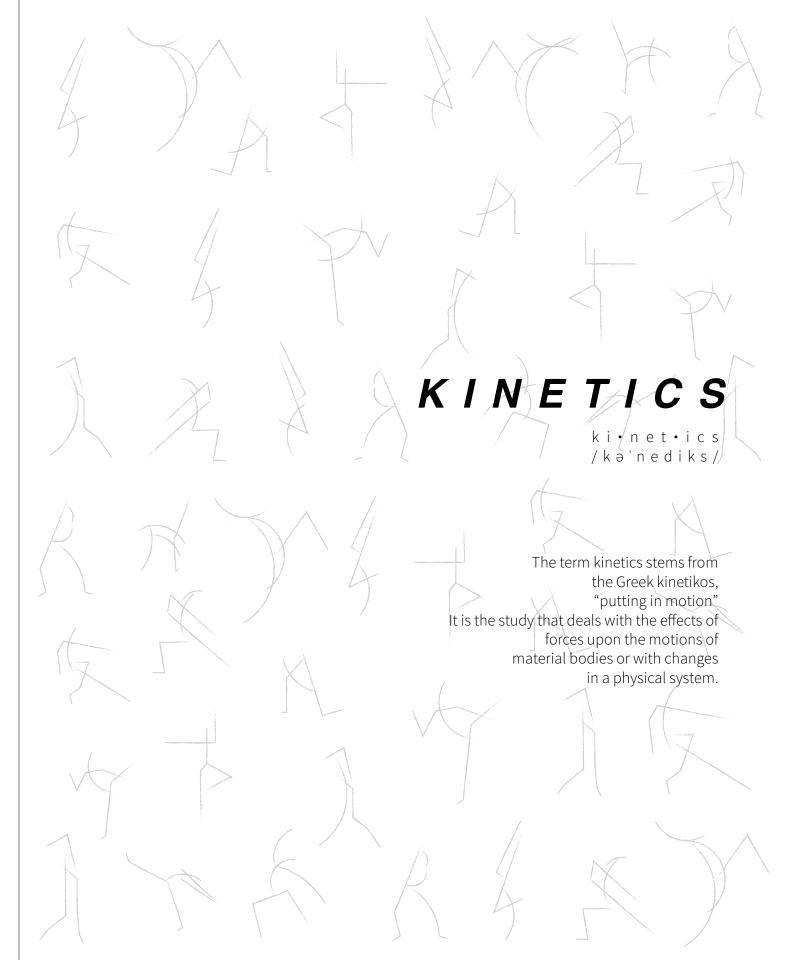




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# FOR YOUR ENTERTAINMENT

## The Night Sky as a Communicational Spectacle

Advanced Design Studio IV New York, New York Summer 2019 Graduate School of Architecture Planning and Preservation Columbia University Critic: Pedro & Juana (Ana Paula Ruiz Galindo & Mecky Reuss) TA: Peter Maxwell Partner: Rafaela Olivares

Architecture has been witness to many types of entertainment and it has functioned as the frame for entertainment itself. From gladiators fighting in Roman arenas over amphitheaters and operas, through world expos to pavilions of museums or festivals of the likes of PS1 and Coachella, we will use entertainment as the driver of this studio. This studio will look into and at architecture that was created as a first glimpse for an activity of leisure. We will question the ways that architecture expresses itself beyond the everyday functional building.



## Τ Η Ε

## LIGHTHOUSE

D/SOBED/ENCE



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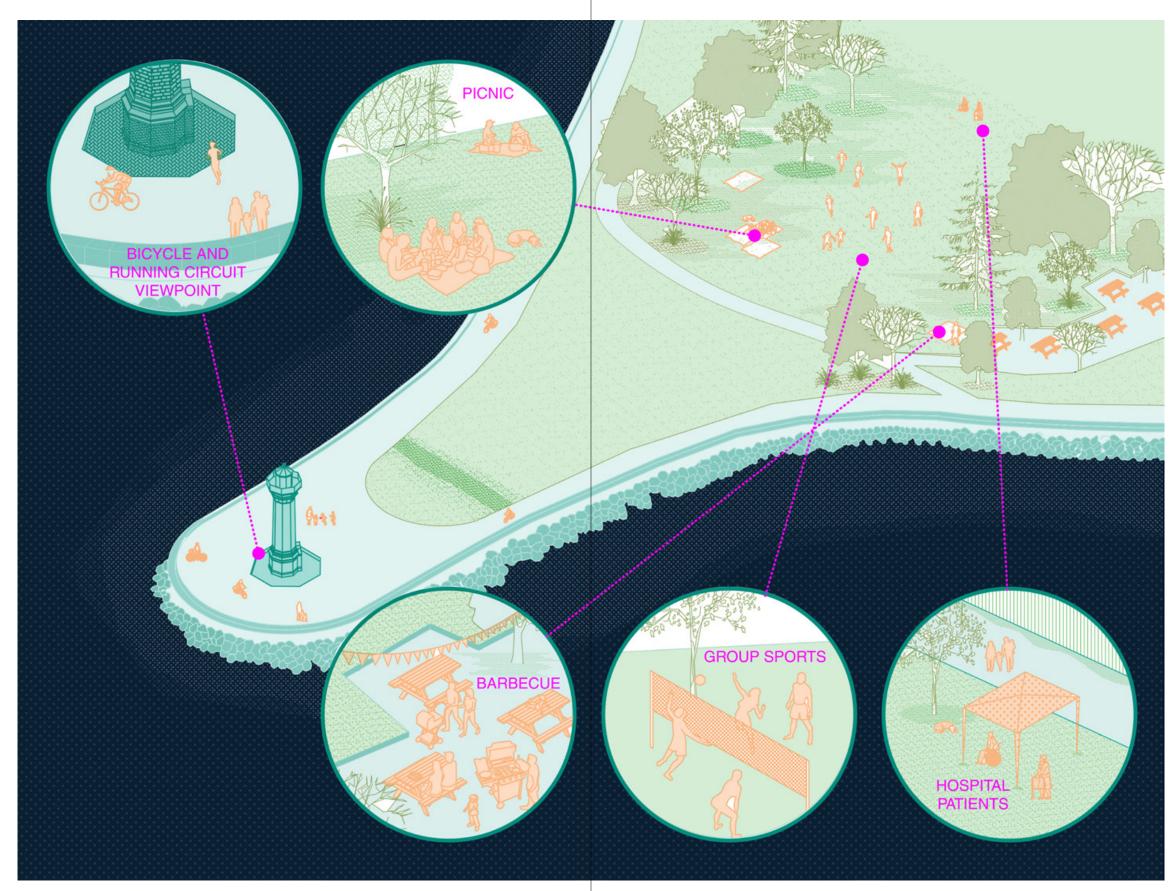
This is not an appple...



It's an entertainment device

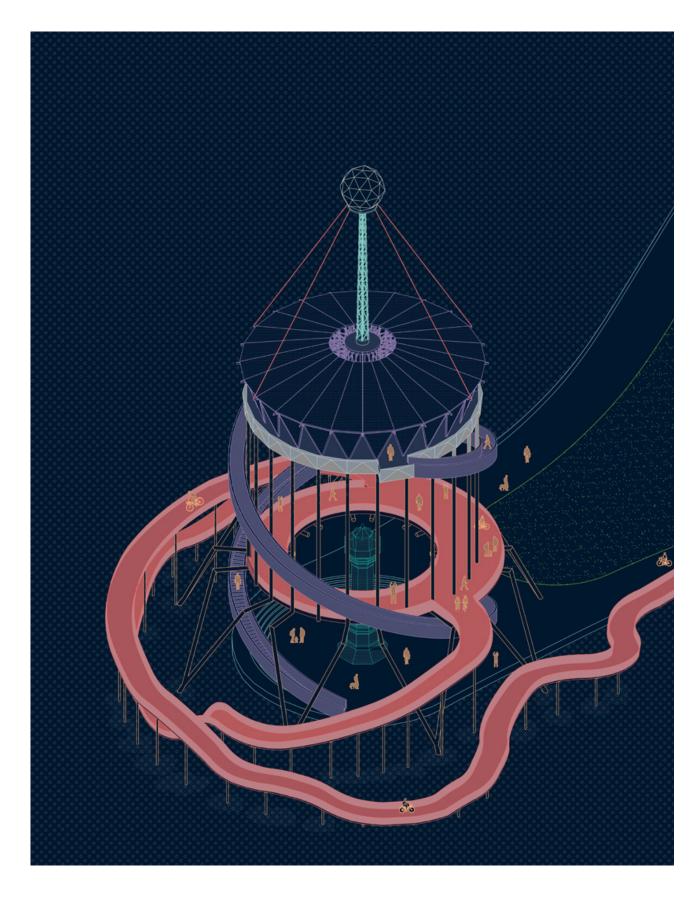


# Antimtena # Amtilighthouse # AntinFluencer



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kinetics



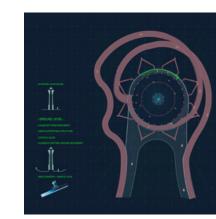
Roosvelt Island

Location on Island



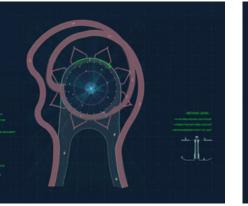
Site Plan

kinetic



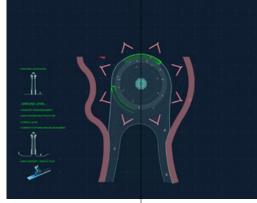


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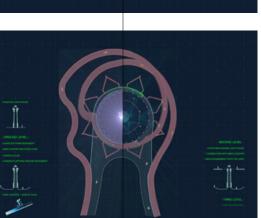


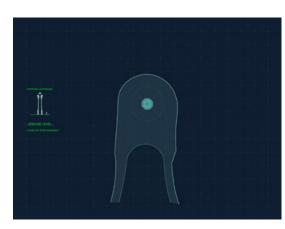
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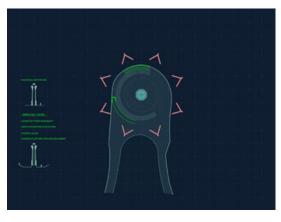
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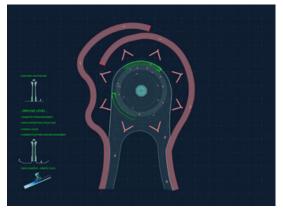
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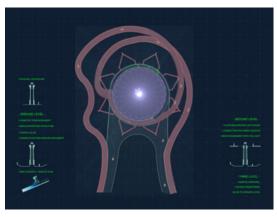
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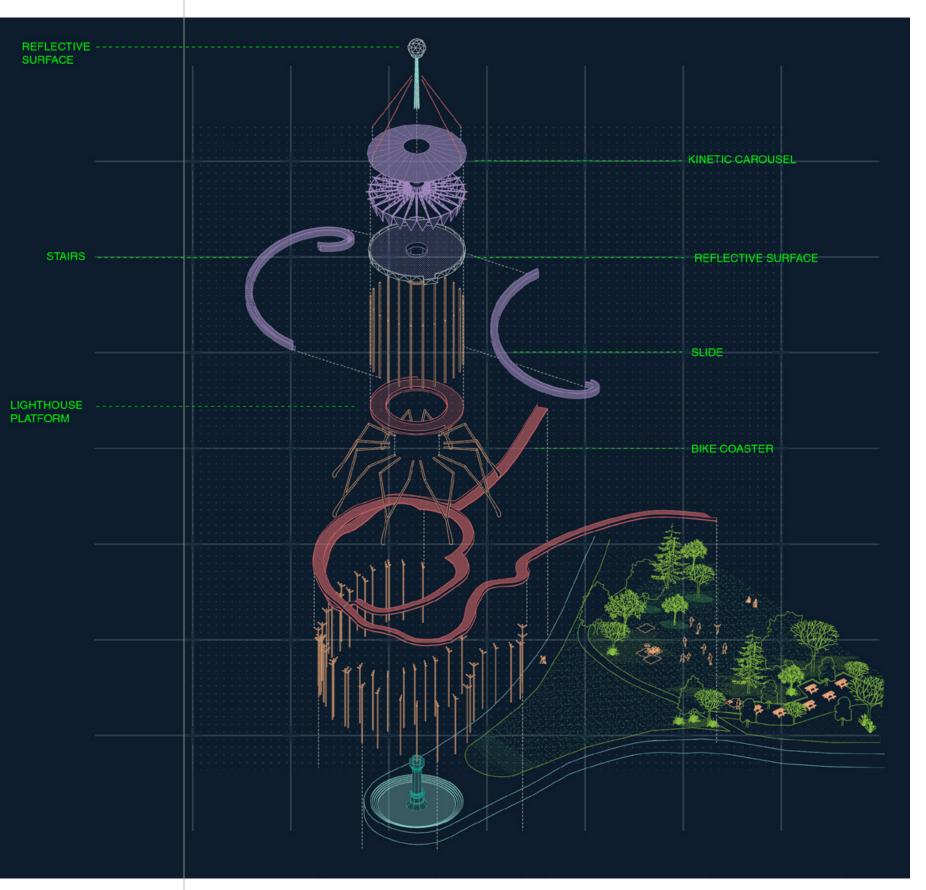






"Like the observatory, the centennial Tower is an architectural device that provokes self-consciousness, offering that bird's eye inspection of a common domain that can trigger a sudden spurt of collective energy and ambition. It also offers an additional direction of escape mass ascension."

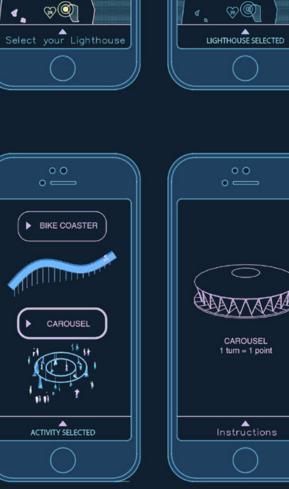
An extract of "Coney Island: The Technologyof the Fantastic" Delirious New York / Rem Koolhas



### H E LI Т G Н Η 0 U S Ε Т A



CAROUSEL





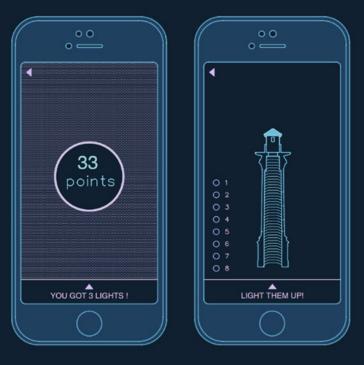
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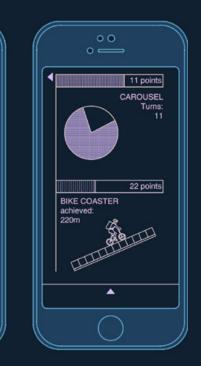
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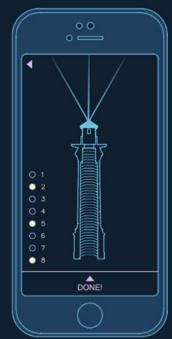
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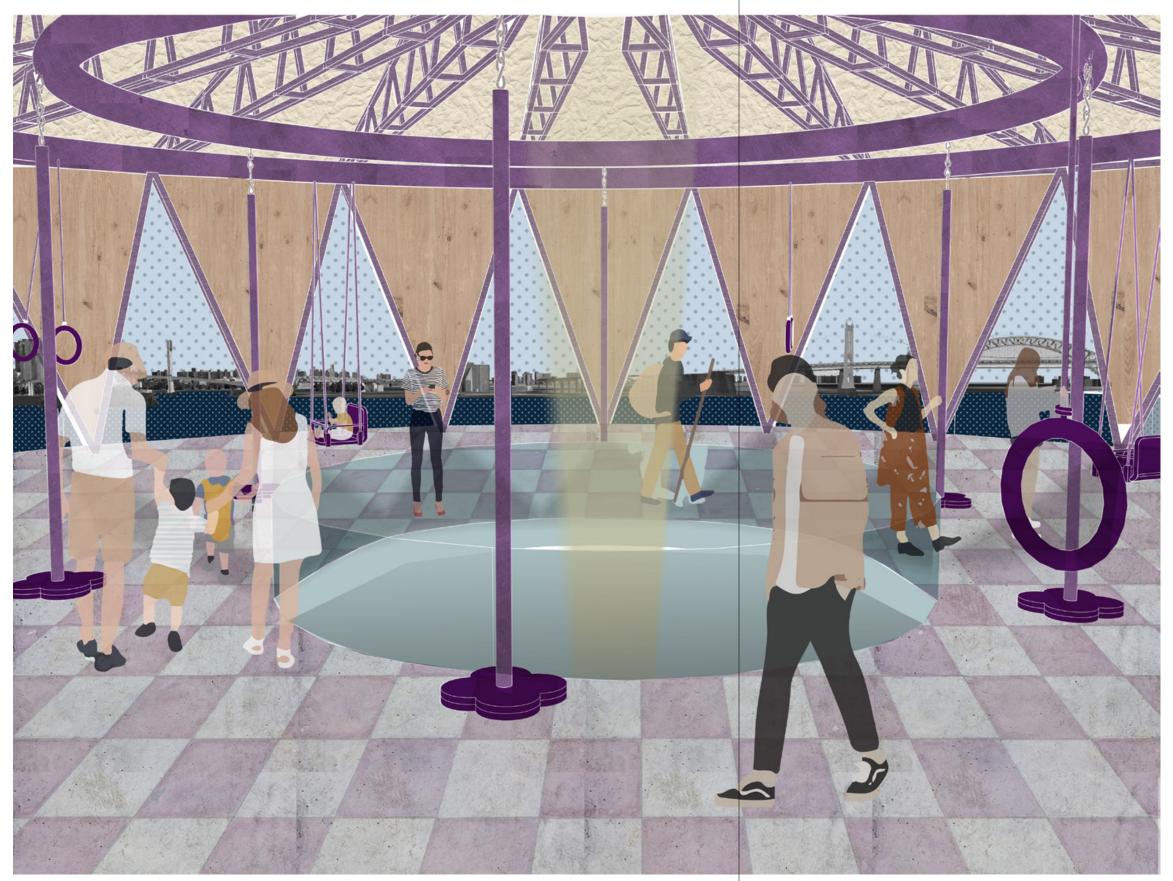
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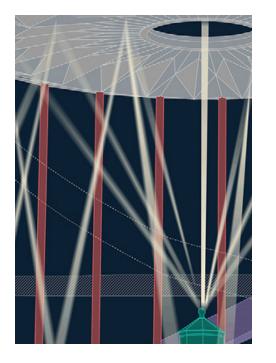


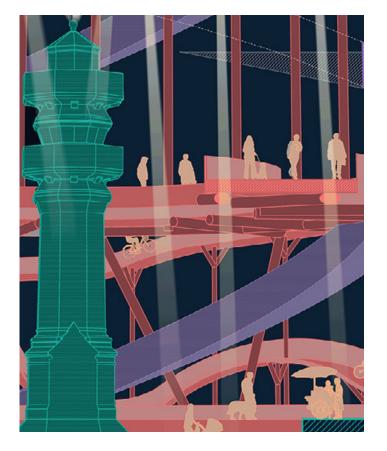




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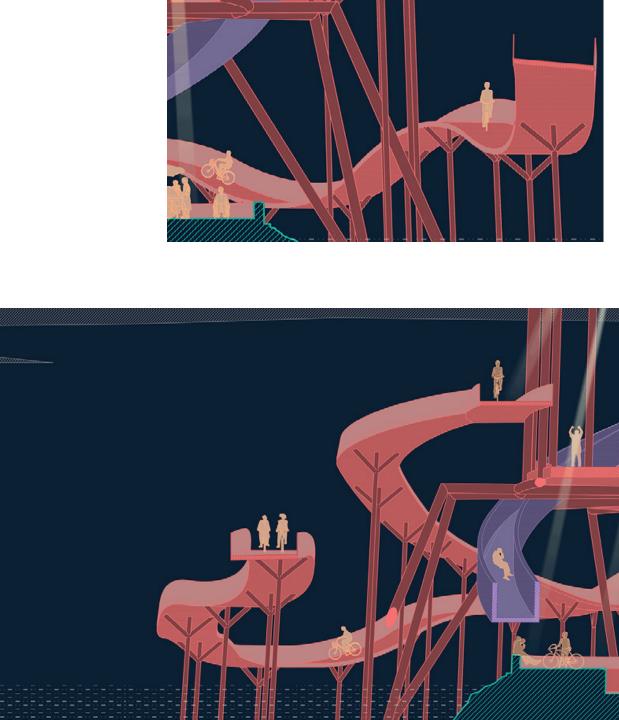




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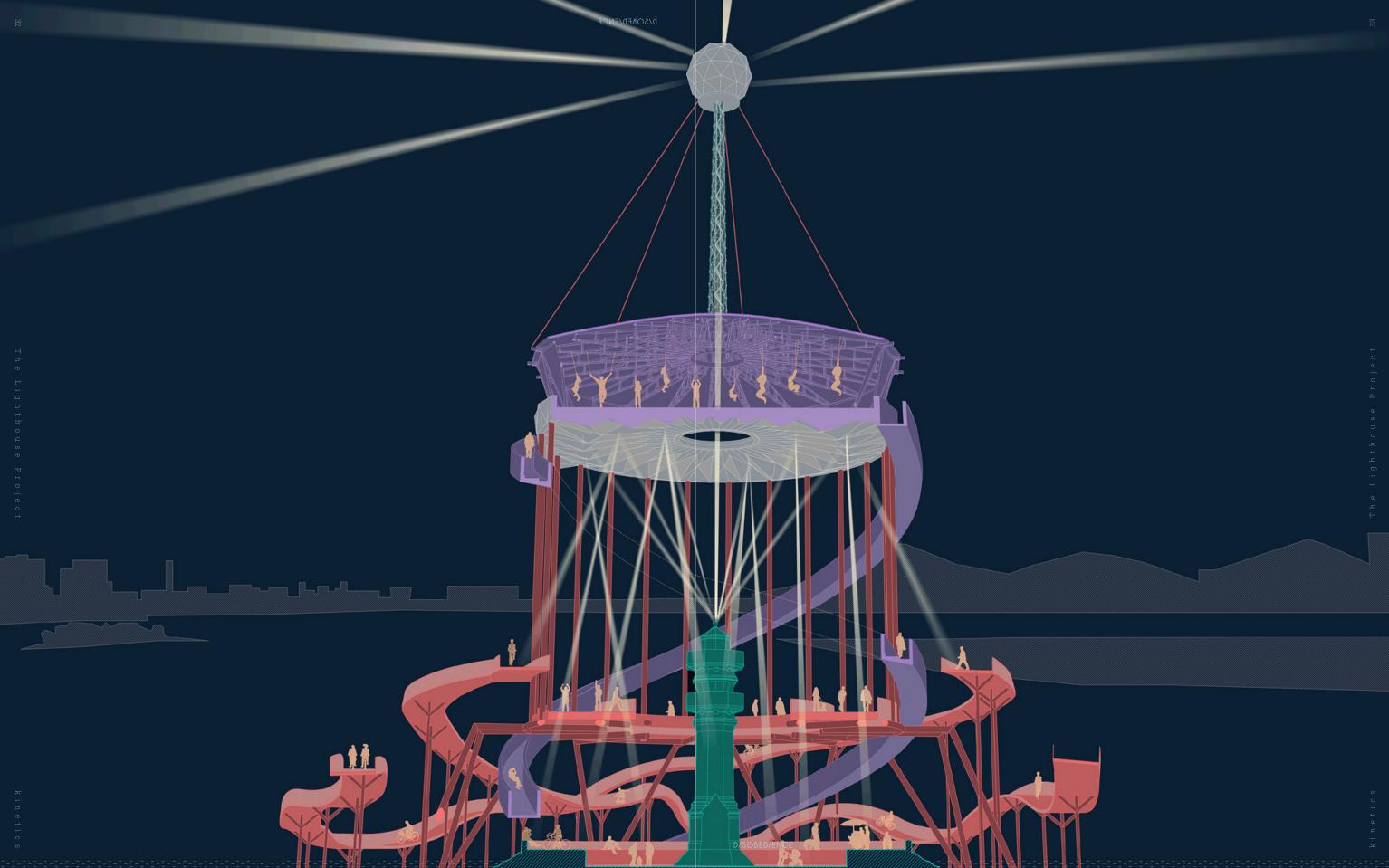






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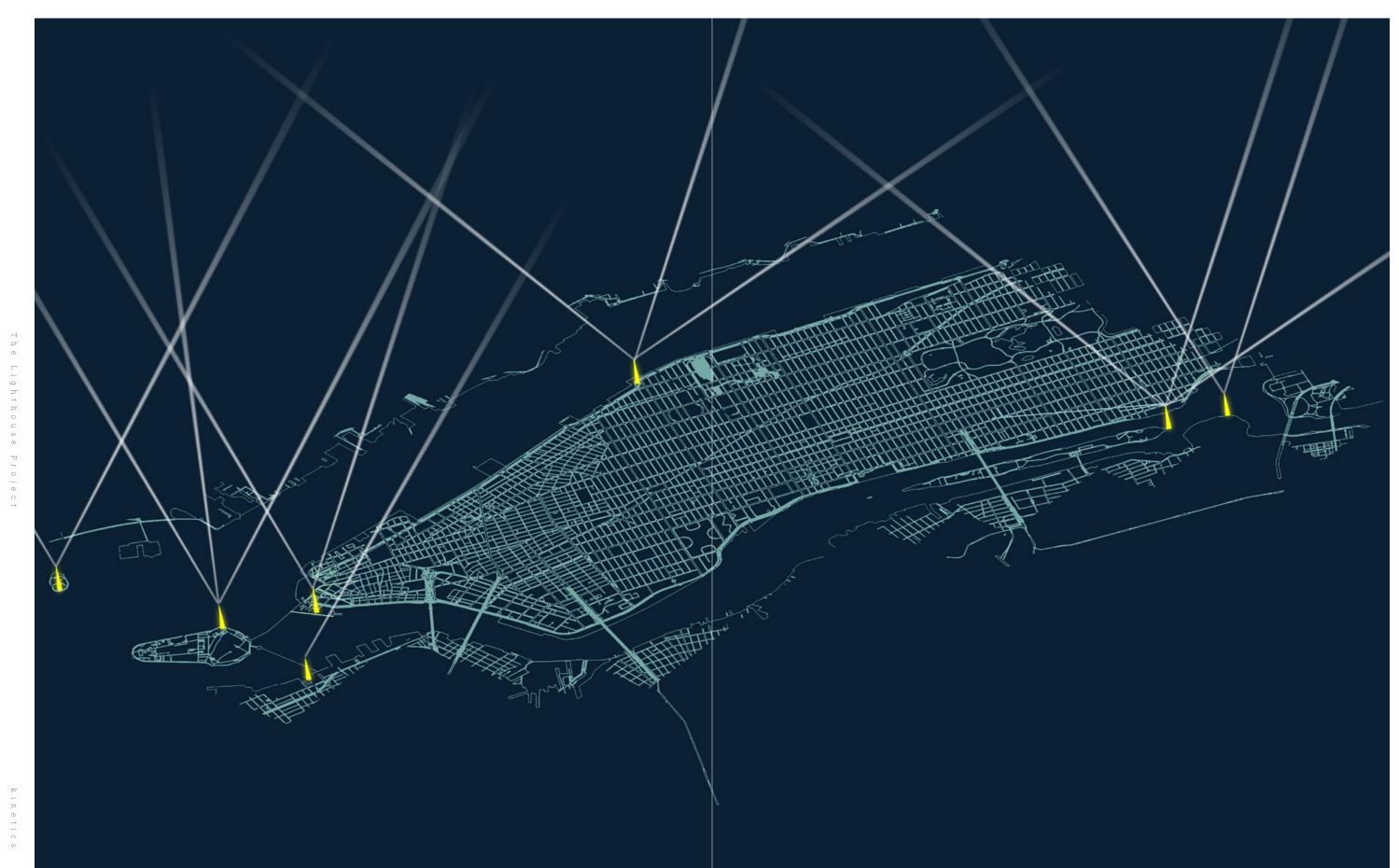
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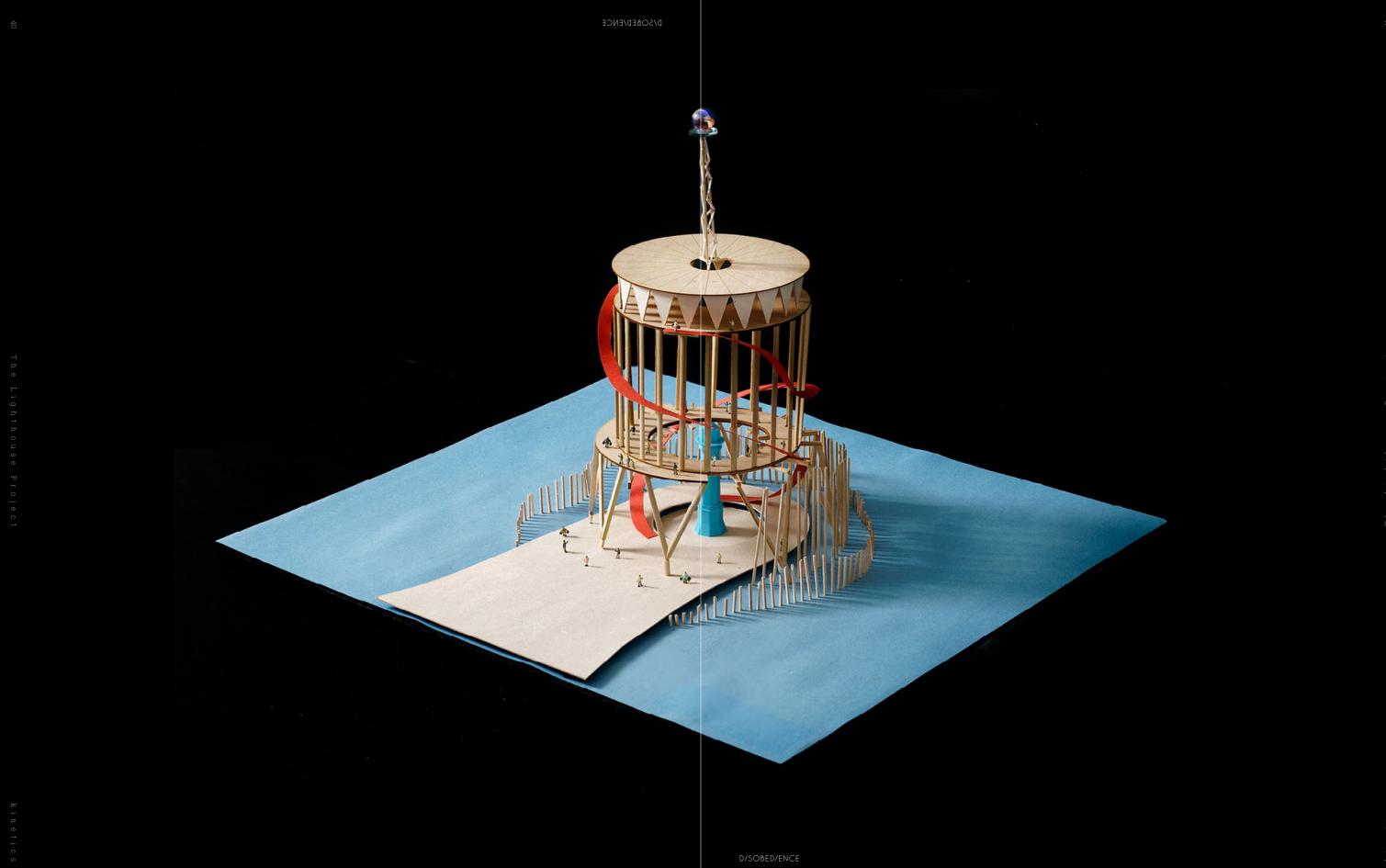
etics



"The user becomes the influencer by using the architectural device as a medium to reach the sky"







The Lighthouse Projec

## TRANSFORMABLE DESIGN METHODS

## Exploration of an Expandable Prosthetic Device

Technology Course - A 4824 New York, New York Fall 2019 Graduate School of Architecture Planning and Preservation Columbia University Critic: Matthew Davis Partner: Christopher Spyrakos

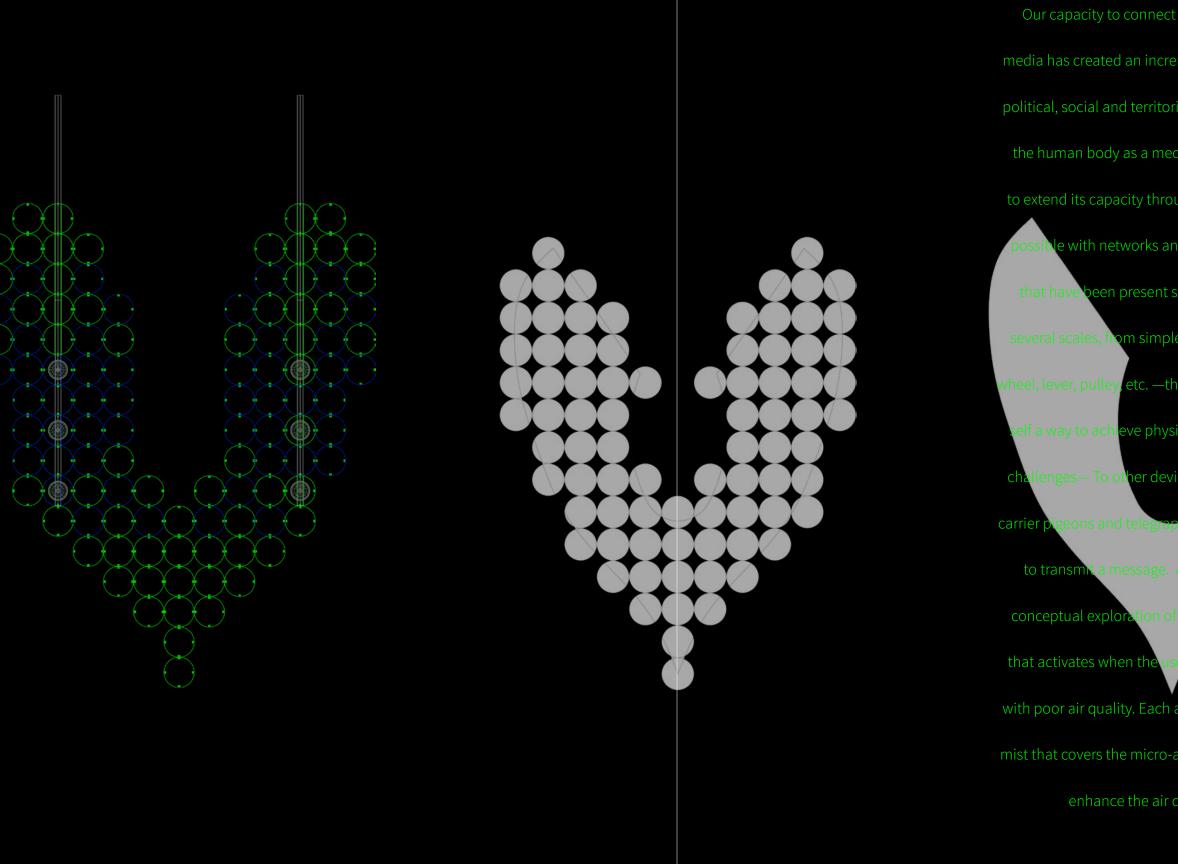
This course will provide a theoretical overview and practical methods for designing objects that can change their size, shape, and surface. Our goal is to introduce new ways of thinking about design by developing structures that demonstrate real-time changes of morphology. Within the class, we will build up a systematic methodology for the creation and development of transformable mechanisms. Our starting point will draw on purely geometric tools, then move to the basics of kinematic analysis & synthesis, ultimately leading towards a parametric approach that joins form and movement through an integrated design process.

## THE EUPNEA

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P R O J E C T

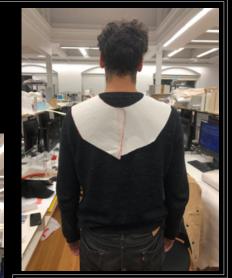




- media has created an incrementing global notion of
- political, social and territorial issues. Understanding
- to extend its capacity through other devices is only
  - e with networks and the use of prosthetics
    - peen present since primitive times in
- several scales, from simple inventions such as the
- wheel, lever, pulley, etc. —that have given the human- I
- self a way to achi<mark>eve physical, survival and shelter</mark>
- challenges— To other devices such as lighthouse
- carrier pigeons and telegraph as territorial ex
  - to transmit a message. Apparatus ject is a
- conceptual exploration of a transformable device
- with poor air quality. Each antenna is deployed with
- mist that covers the micro-atmosphere of the user to

## THE MAKING PROCESS

Molding





Fabrication













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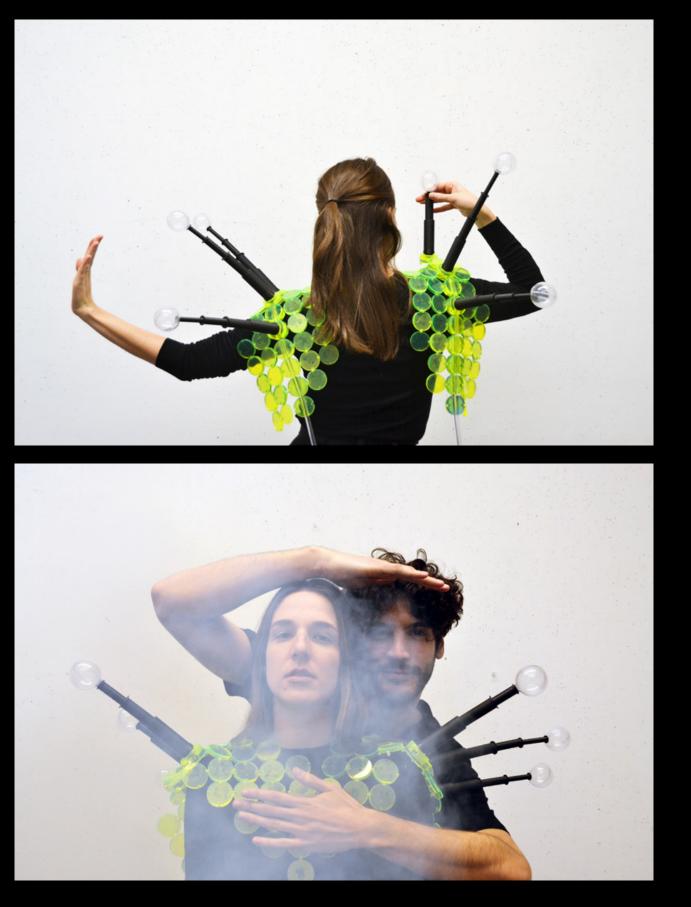






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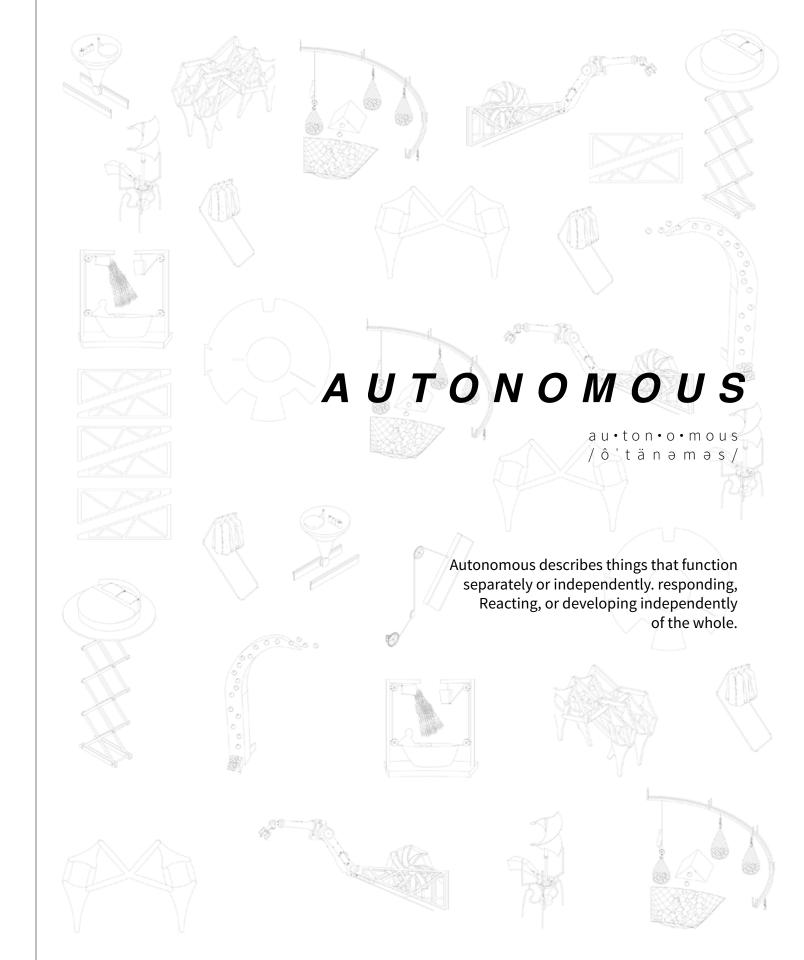
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## $\bigcirc$ U S E Η

## Fruit collection / Art making / Automated Leisure

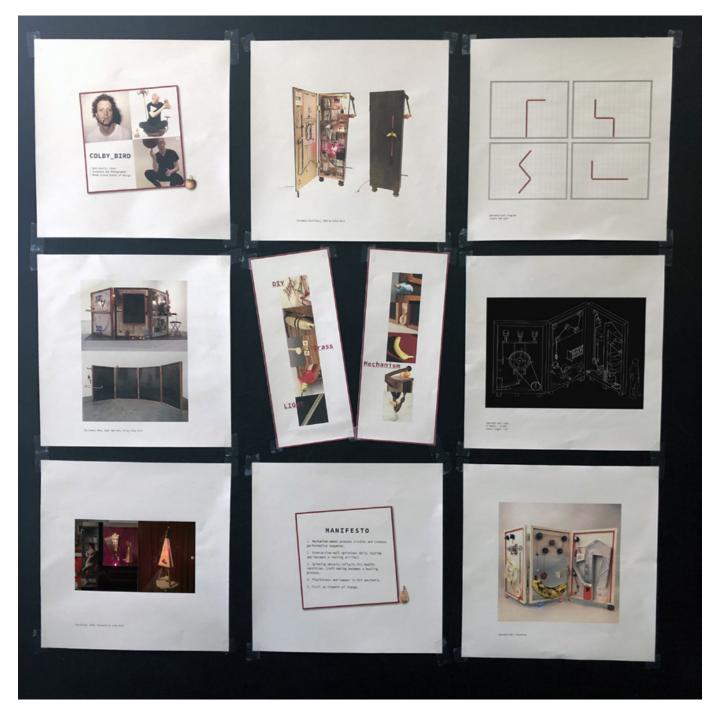
Advanced Design Studio V Coxsackie, New York Fall 2019 Graduate School of Architecture Planning and Preservation Columbia University Critics: VPPR Architects (Tatiana von Preussen, Catherine Pease, Jessica Reynolds)

Artists are known as one of the driving forces behind New York City's success as a global cultural capital. Their presence has brought the city a special allure and edginess that most places can only dream of. We will create an artistic ecosystem combining spaces for art production and display, affordable housing for artists and shared community spaces. We will use the interface of art as an experimental tool to test out the myriad of dichotomies between program and form, culture and commerce, ethics and aesthetics, art and architecture, life and art, interior and exterior, privacy and publicity, real and unreal. In doing so we will propose new types of living, new types of creating, new types of sharing and perhaps new types of art.

### Brief #1 **OPERABLE WALL**

8

How can a wall playfully negotiate two sides of a shared boundary? In the first brief, students are invited to design an 'operable wall' that both separates and connects a private residential space and a more public studio space for a specific artist to live and work in. The design of this interface should be generated out of research into the artist's work, both their biography and their art practice, inventing a new formal and material architectural language.





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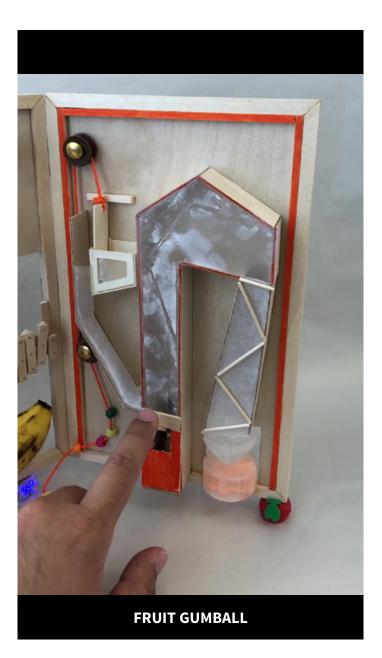
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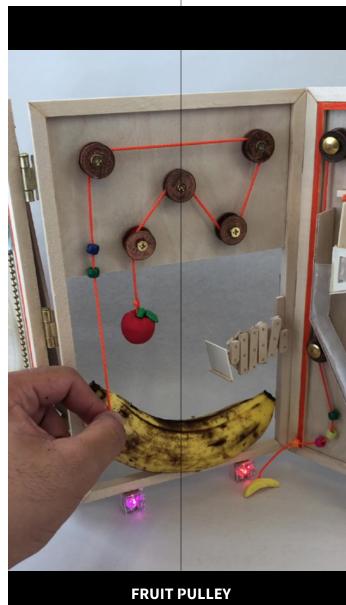
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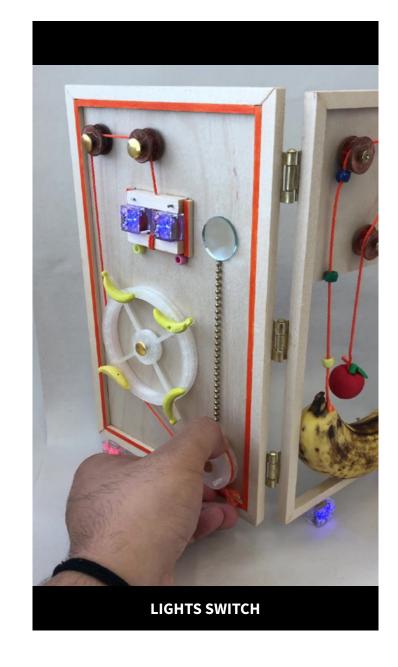
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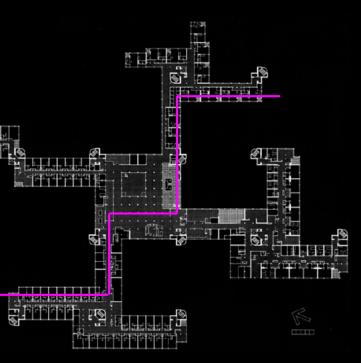


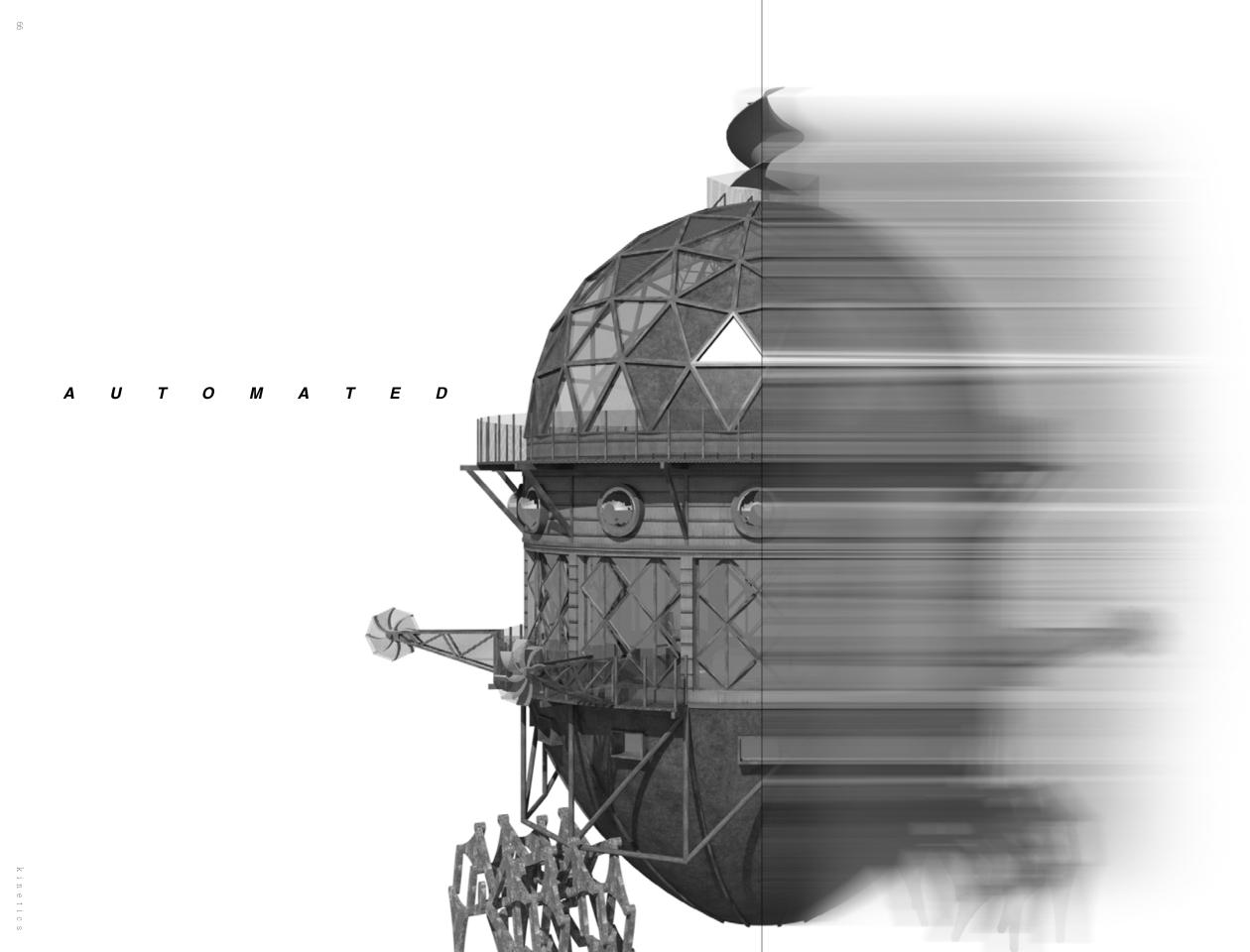
Operable Wall

## Brief #2 PRECEDENT STUDY

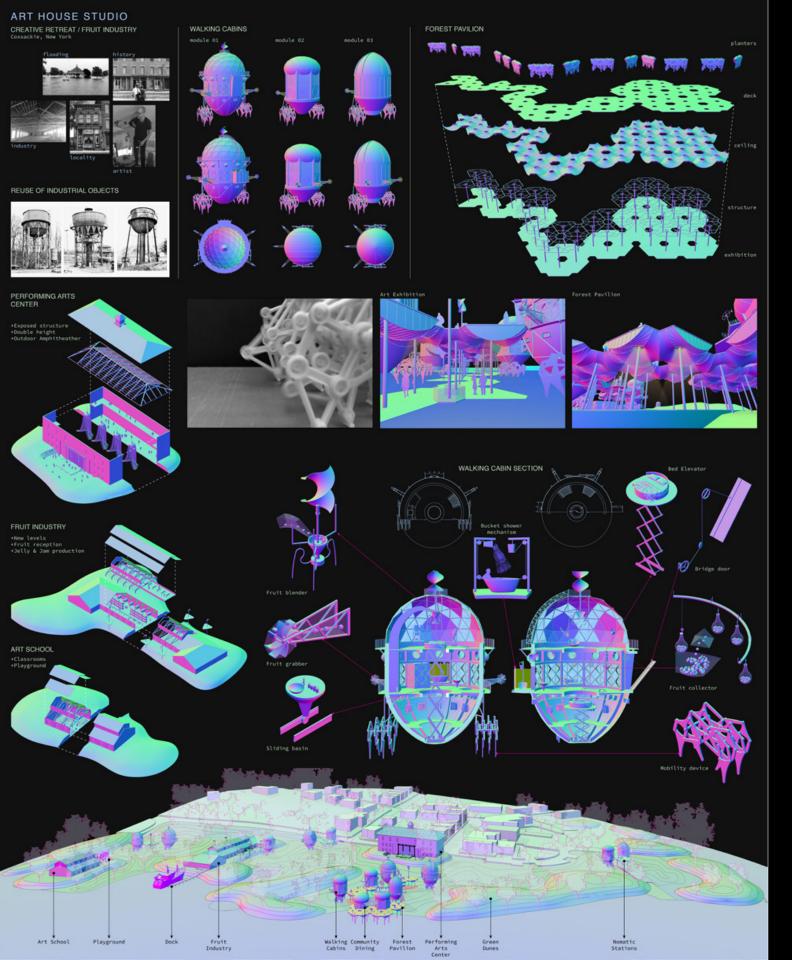
This precedent served as a case study to learn from the architecture can help to the construction of a community. This exercise intended to analyze the spaces and create punctual interventions in order to establish a critical conversation between spaces and users.



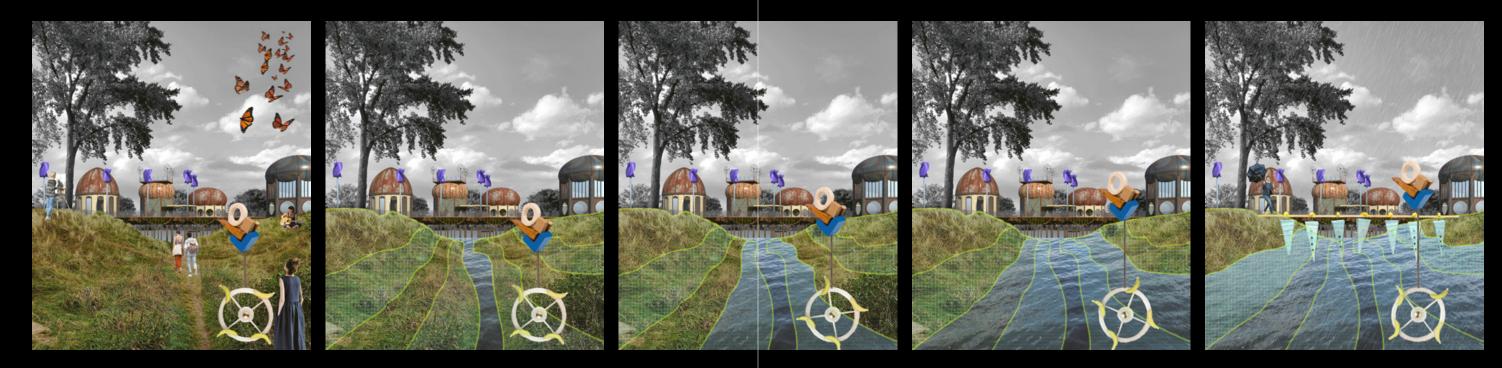




HAVEN



Automated Haven is a creative retreat for artists going through a phase of self-discovery, rethinking their life and art.It becomes a place to re-charge and re-inspire artists far away from the pressures of daily life. This retreat is a celebration to the banal and primitivity of being surrounded by nature in a techno-social context. Embracing automation technologies to redefine domesticity and social intercourse. The project is layout with the juxtaposition of programs: Fruit collection / Art making / Automated Leisure.



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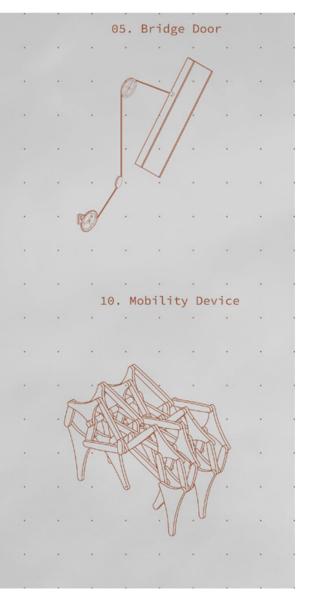
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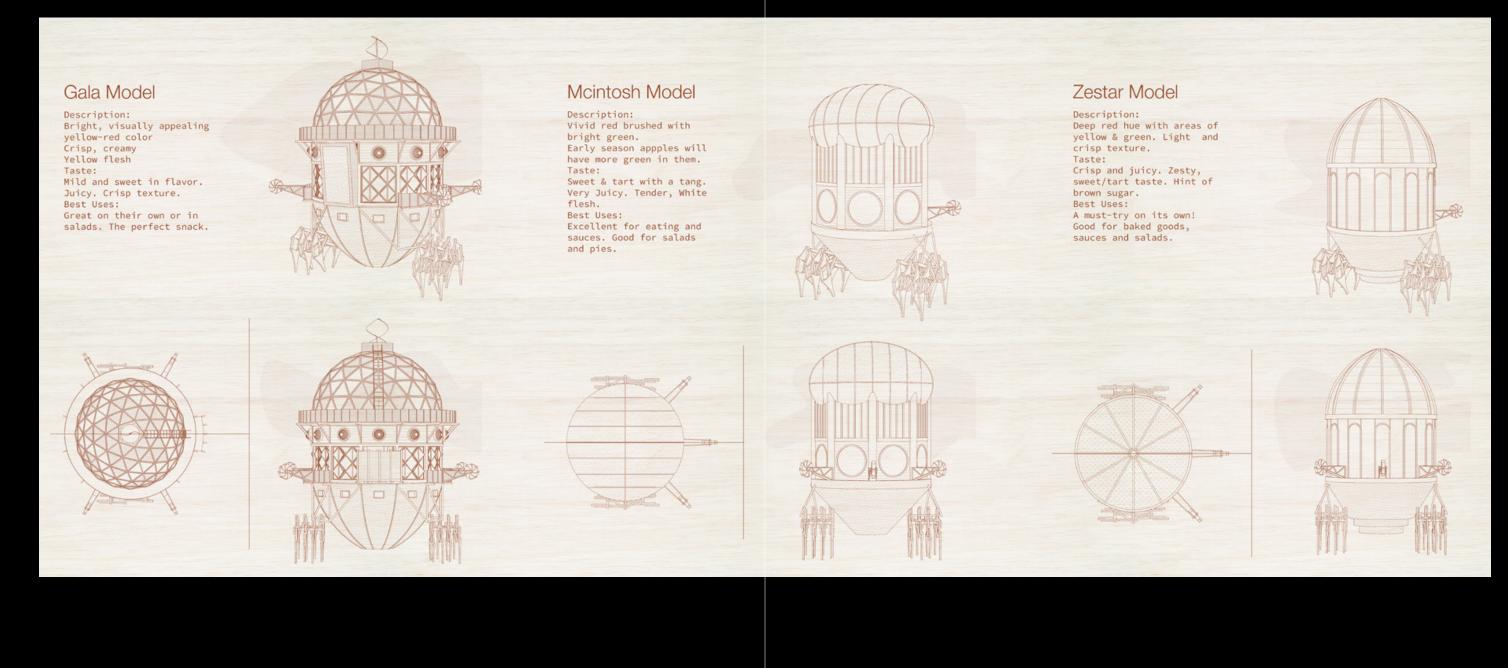
## AUTOMATED LIVING DEVICES

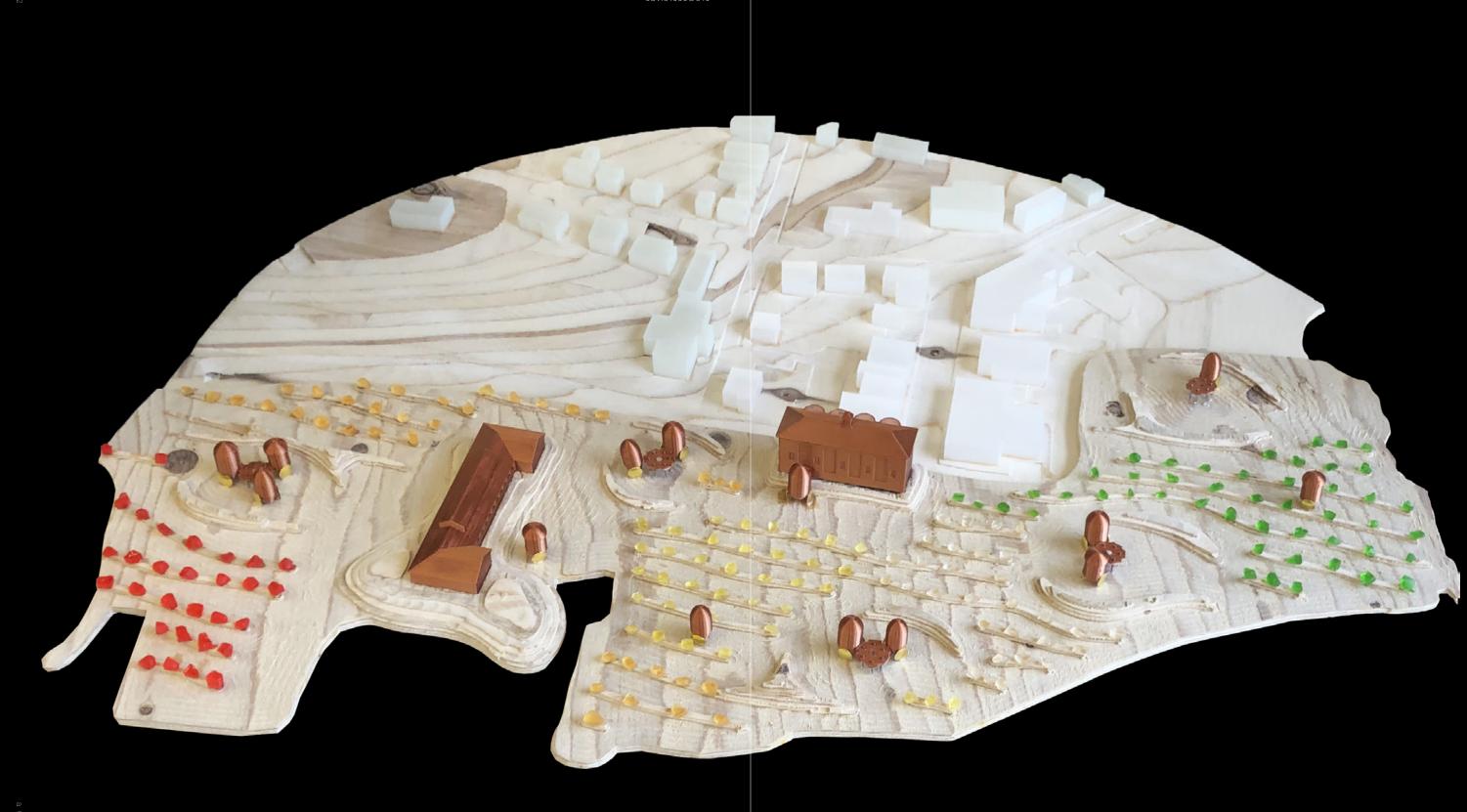
01. Bucket Shower	02. Elevator Bed	03. Sliding Basin	04. Mobile Closet
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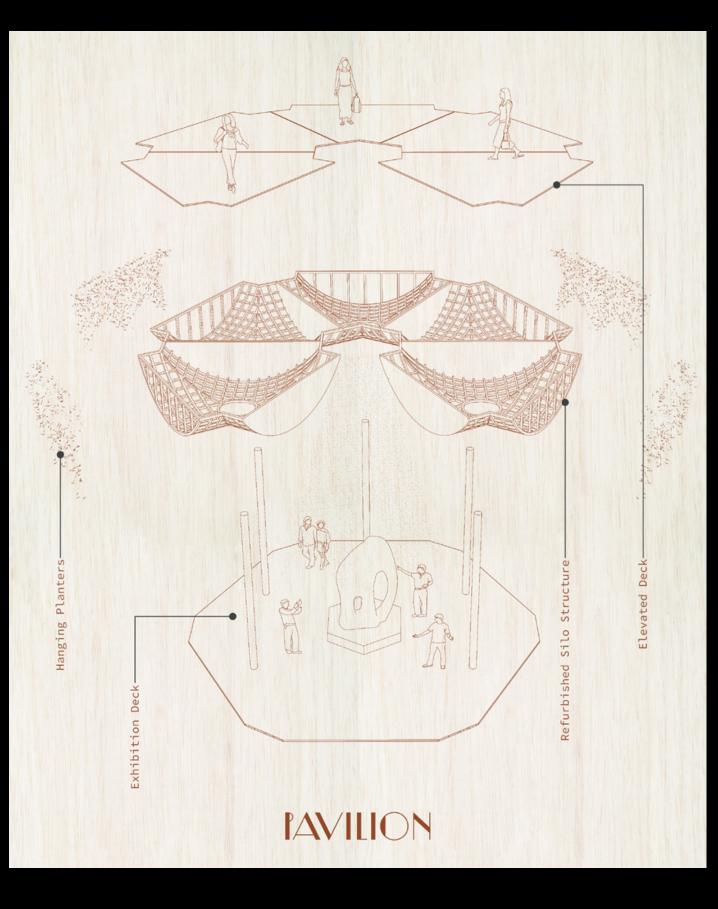




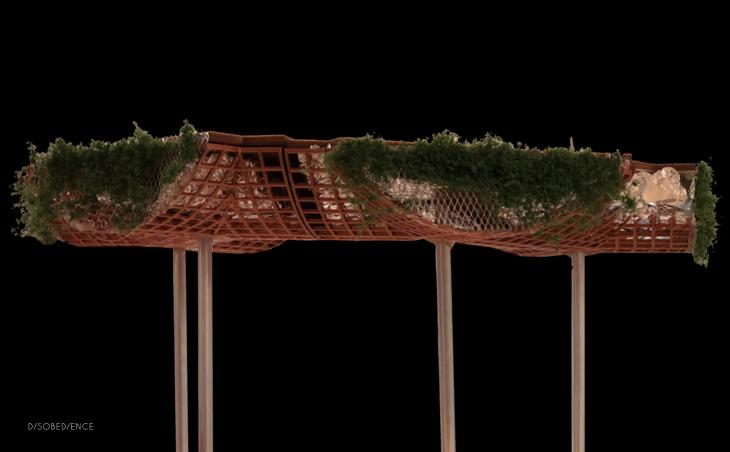


Automated Haven



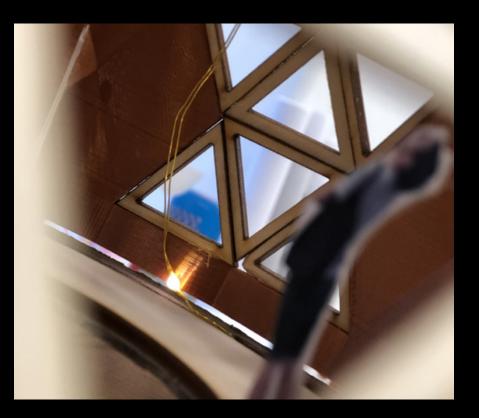














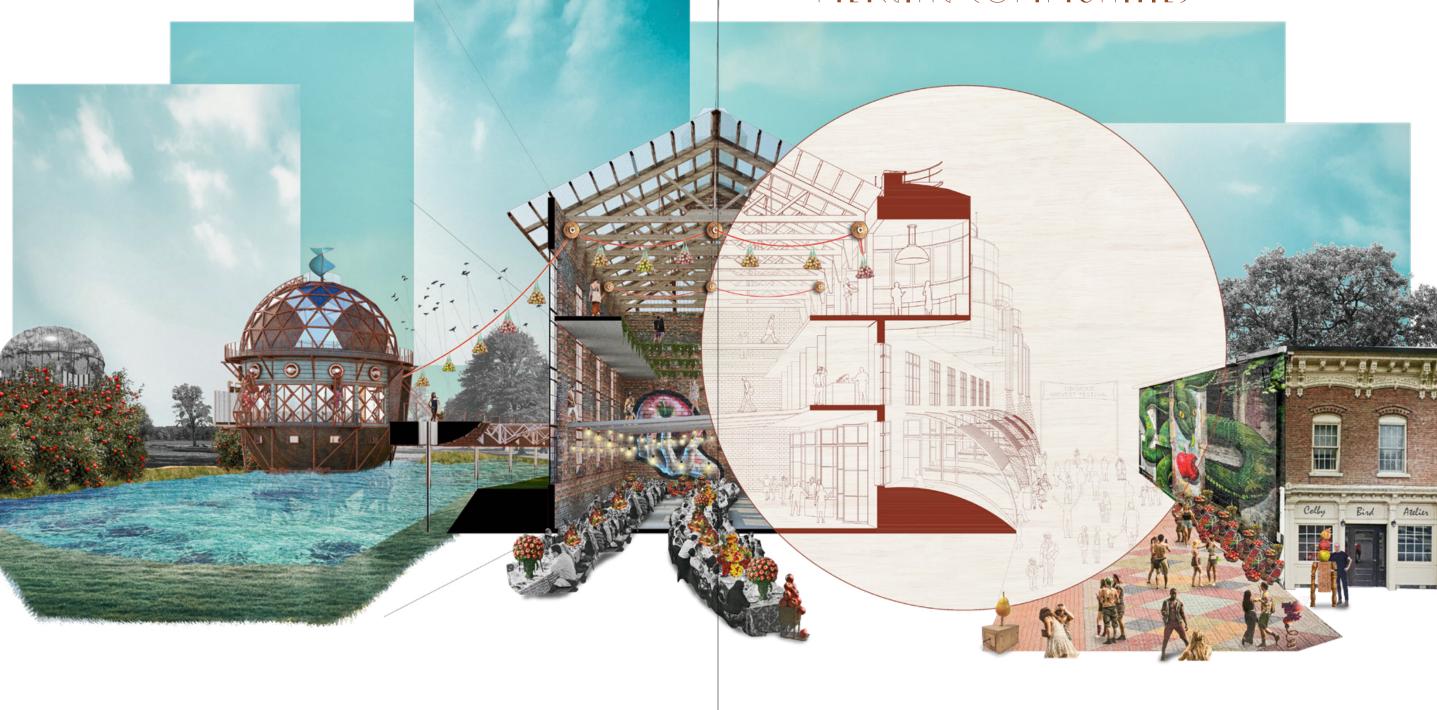


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# MERCINC COMMUNITIES

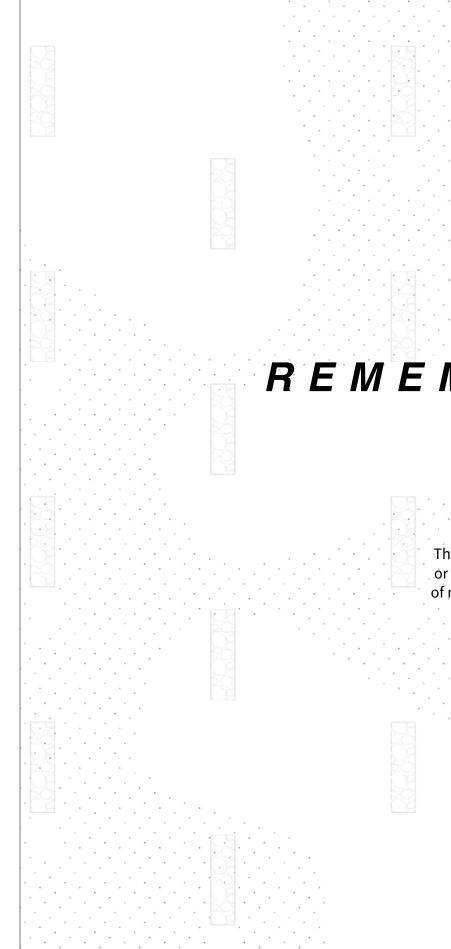






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# REMEMBRANCE

re∙mem∙brance /rəˈmembrəns/

The capacity for or the act of remembering, or the thing remembered. The enablement of memory for a past event that needs to be remembered.

### S O M E T H I N G F

### Arguments for Architecture as a Value Proposition

Advanced Design Studio VI London, UK Spring 2020 Graduate School of Architecture Planning and Preservation Columbia University Critic: Galia Solomonoff TA: Udit Goel

The "X" company owns millions of square feet of real estate around the world, the majority of which is commercial office space. With commercial office space currently shifting towards sharing types, the client wishes to experiment with new hybrids that combine work, art, commerce and education, but not residential use. The exact program is to be defined by each student or studentteam. The studio mission is to design something of value. What does something of value mean? Value to whom?

# VALUE

M E M

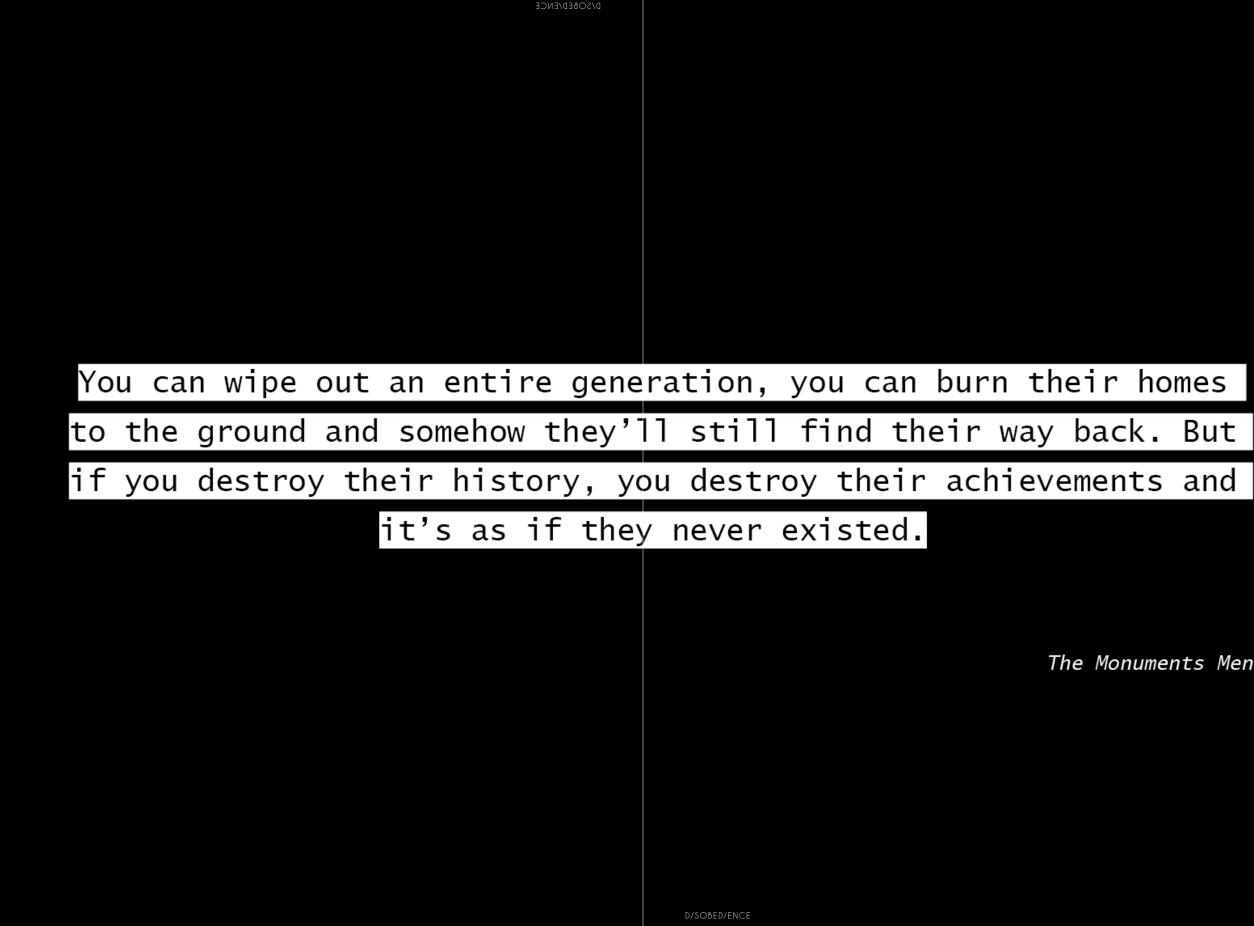
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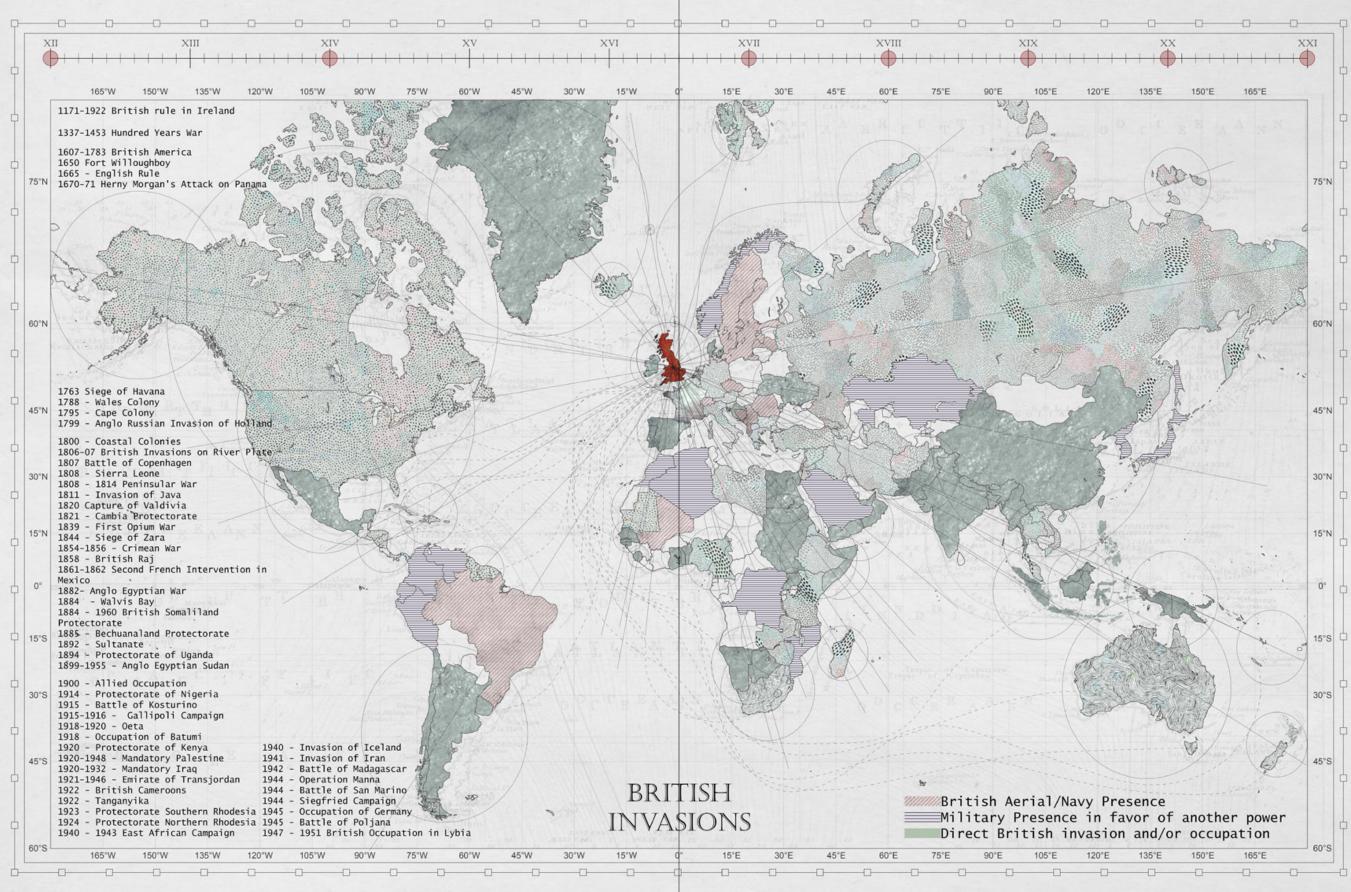
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The Monuments Men



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Memorial Park & Museum

remembrance

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The British invaded 90% of the world, in different moments of history and in different scales of intervention. During the British invasions there was an infinite transport of valuable items. This is how today the UK possesses so many treasures that are not from British land nor respond toBritish culture of the time.

As you migrate from your origin country, you don't lose your genetic or cultural roots. As you move you gather parts of every place where you've been and no

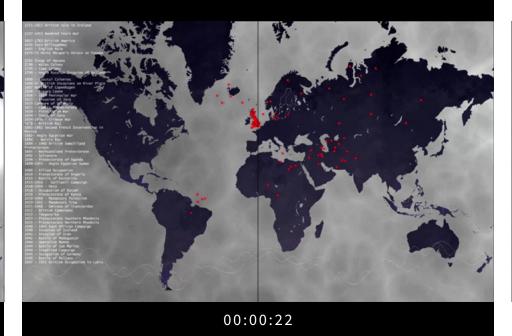
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onger hold the story of one place, but all those places that you went through.

What is interesting is that the movement of these objects happened through water. Great Britain managed to master navigation techniques to reach all these places. By following the liquid traces of these parallel histories, this project aims to navigate through the memory of water in order to tell the stories of these objects from their origin, extraction, exile and re contextualization.







remembrance



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Weight:	105.602 carats (21.1204 g)		
Size:	1.4 in x 1.3 in x 0.5 in		
Price:	\$10 - \$12.5 Billion		
Found:	3200 B.C		
of origin:	Kollur Mine		
Country:	India		
tion year:	1739		
location:	Tower of London		
ate Owner:	Queen Elizabeth II		

This project is a Memorial Park & Museum that presents the stolen heritage objects taken during British Colonialism. It aims to relocate the pieces from other museums in London and open the possibility of a rightful place for resemblance and celebration of history and culture.

The abandoned building will be the bones for the new proposal. Maintaining much of the existing architecture and

calibrating an urban envelope to merge the building and the city.

This proposals holds an appreciation for these ruins and its semi demolished walls, as a symbol of resilience, endurance and the value that could bring the reuse of this architectural device. An architectural expression of the past and the present to step into the now, future.

The journey through the building becomes explorative and as the user walks through the spaces the use of light and of real and abstract water evokes the sense of the sublime and visceral of the stories being told.

### <del>Museum FOR British Colonialism</del>

Museum OF British Colonialism

MEMORIAL PARK & MUSEUM

STOLEN HERITAGE | BRITISH COLONIALISM

# remembrance

# Memorial Park & Museum

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# SHOREDITCH,

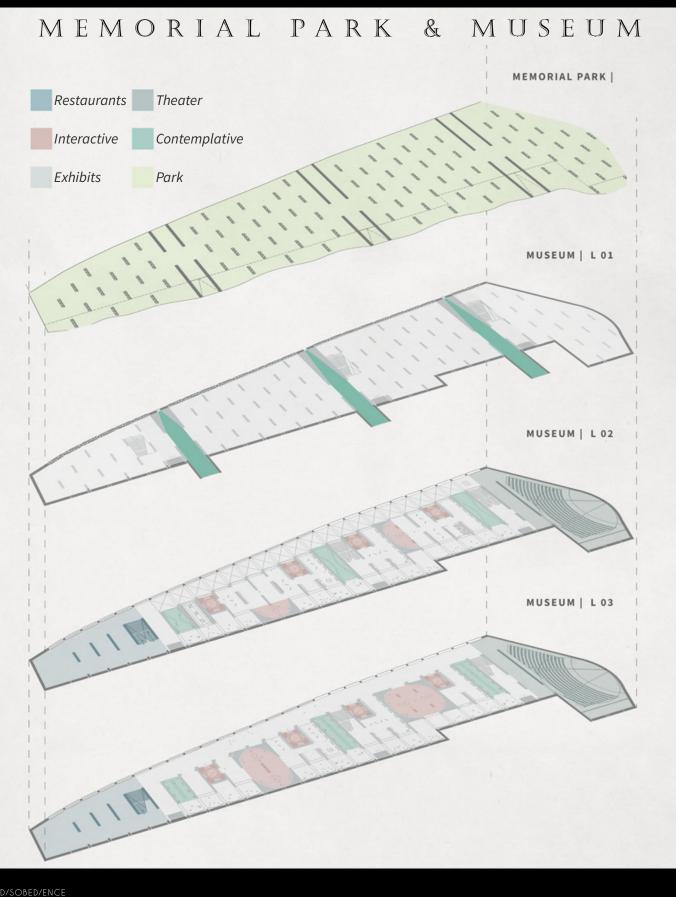
LONDON

The place for the project is located in n abandoned train station. Damaged by humans and time, it's an architectural hidden jewel that lost its value, but could still be reclaimed for the city.

Its main structure has been semi demolished and nature has populated its ruins. What it might seems like a park from above, it's actually an inaccessible space.

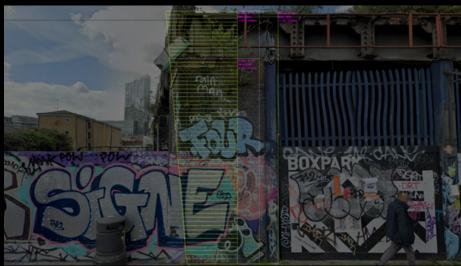
A space that has been inaccessible for decades now becomes a green buffer that mitigates the rapid development of skyscrapers. Especially in Shoreditch where the signs of gentrification accelerate. The need for green spaces is no longer optional, but vital.





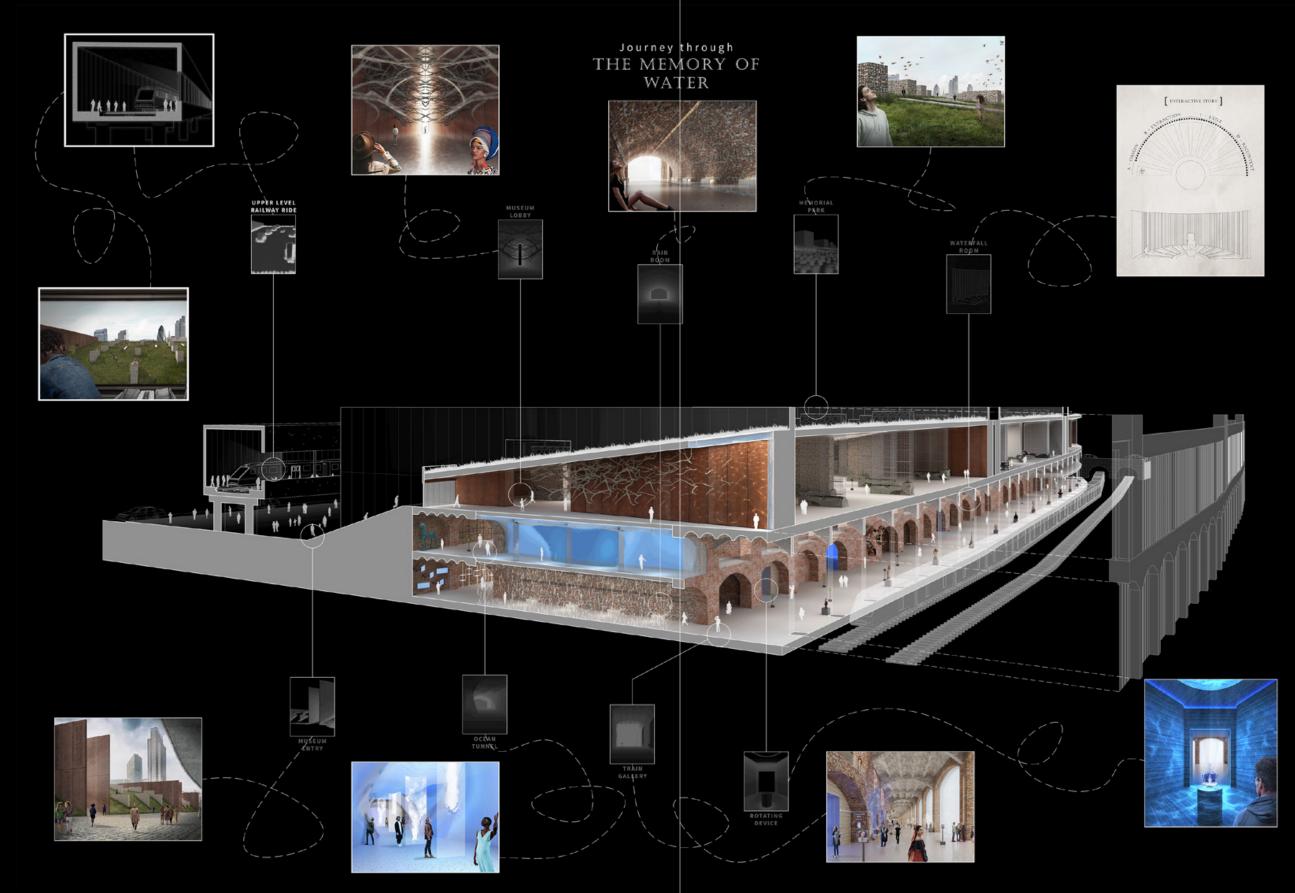
## RUINS TAXONOMY





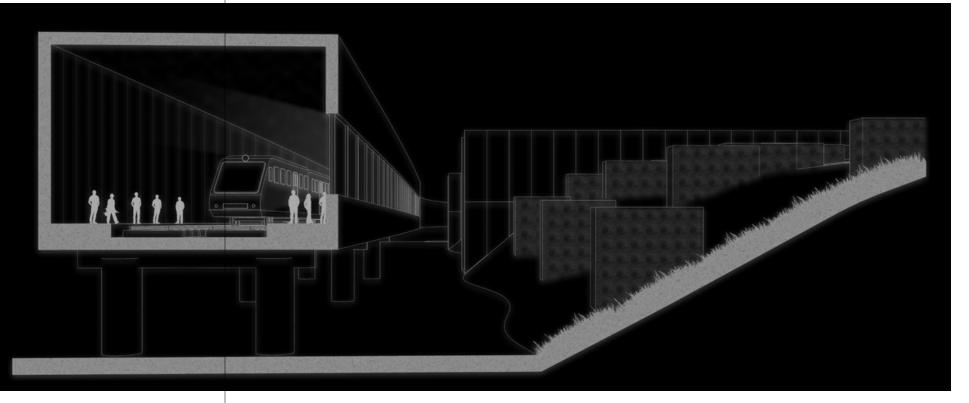


Due to the lack of information of the existing building. A taxonomy analysis through photograph was made in order to reconstruct through drawings, most of the existing structure.



# UPPER LEVEL RAILWAY TRAIN

Whether you take the upper level railway, drive through the street or walk on the plaza. The gradients of urban views shift to a landscape that invites to move through its parallel semi buried walls, framing the view of the city of London in the background.

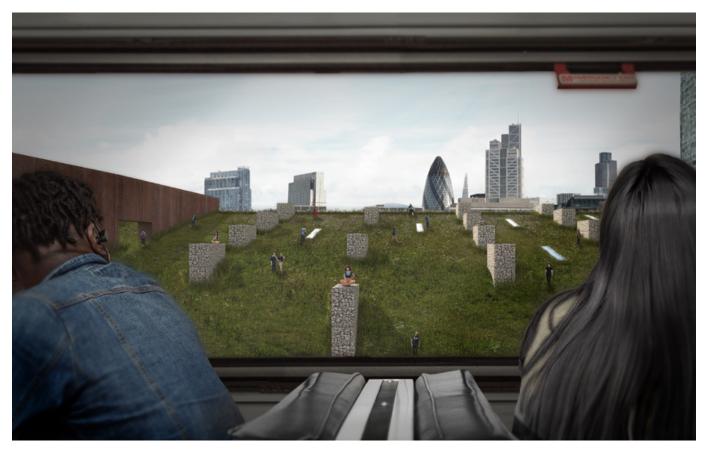










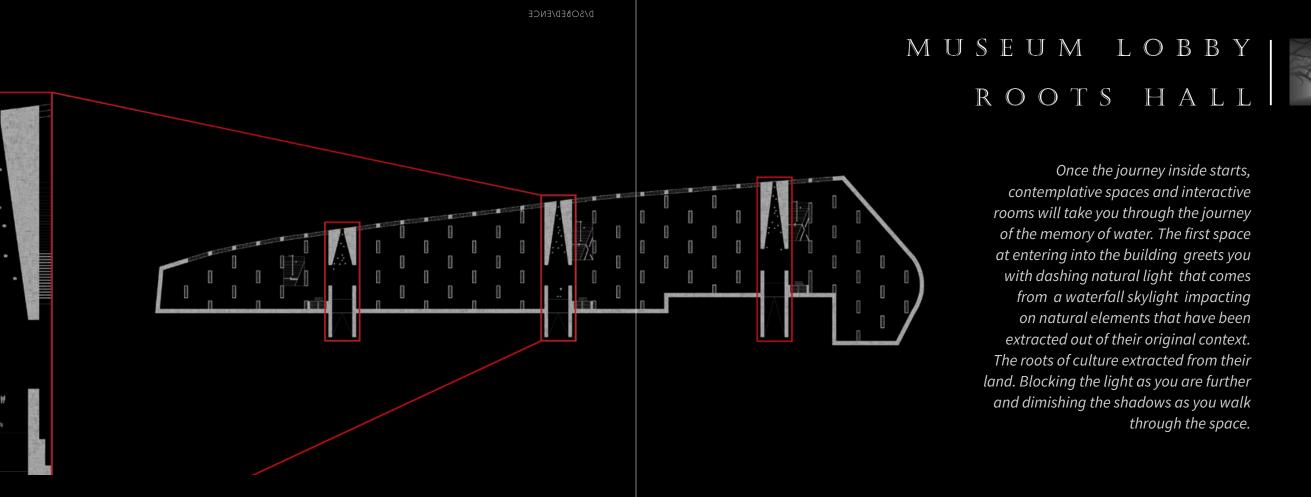


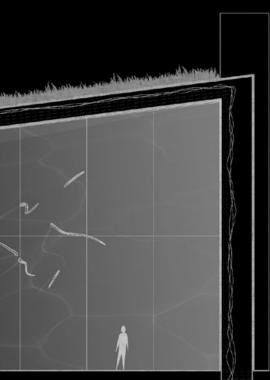


explore further. Gabion and Corten wilderness as a symbol itself of elements of nature resilient to time and history.



Memorial Park & Museum



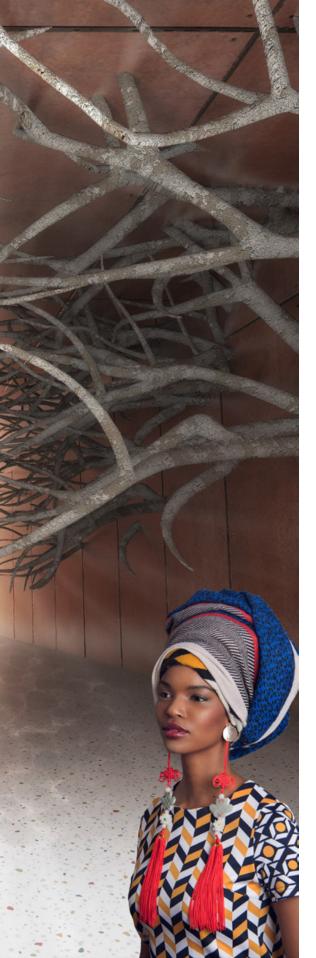




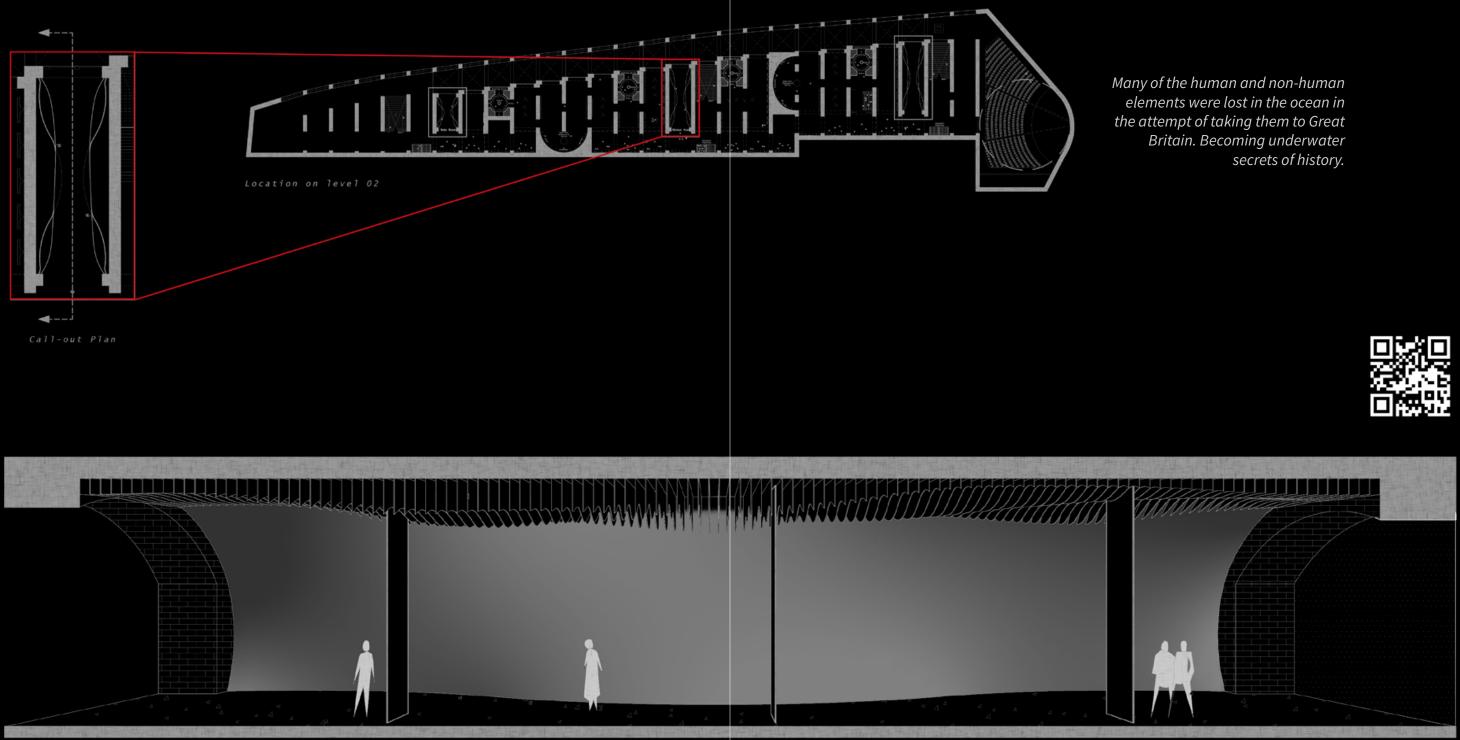
"A PEOPLE WITHOUT THE KNOWLEDGE OF THEIR PAST, ORIGIN AND CULTURE IS LIKE A TREE WITHOUT ROOTS"

Marcus Garvey

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# CONTEMPLATIVE SPACES





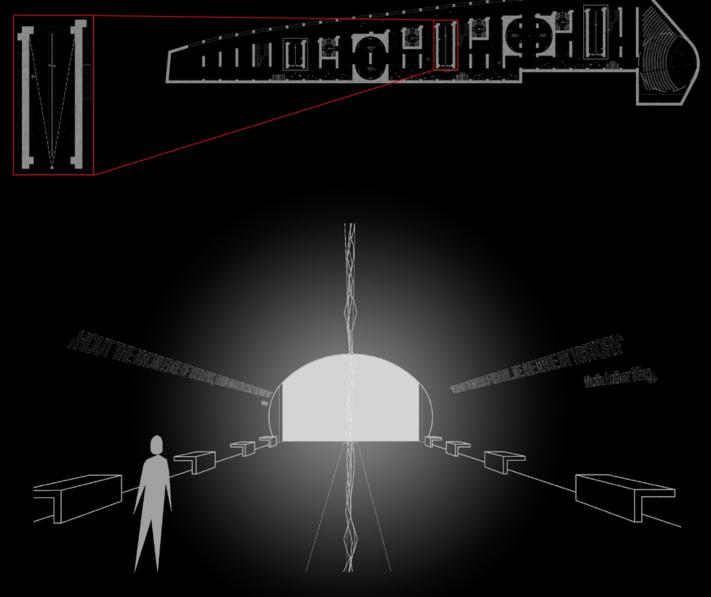


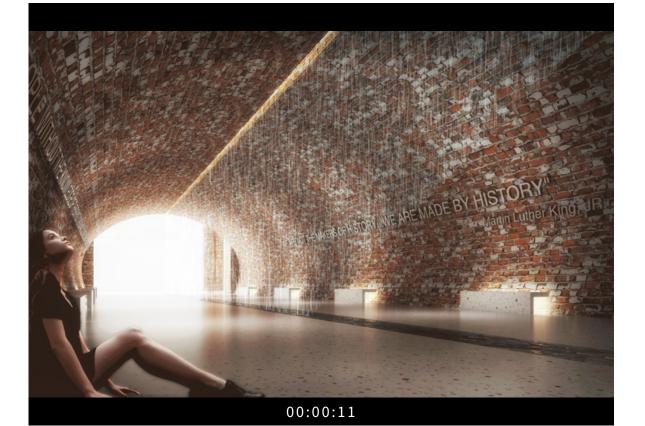


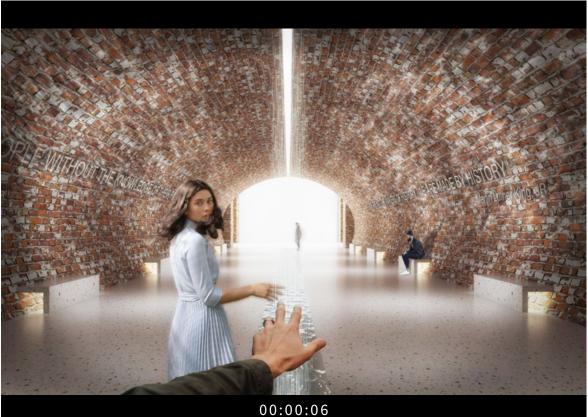
# CONTEMPLATIVE SPACES



A space for meditation. Where the use of light and water creates an effect of endless continuity.

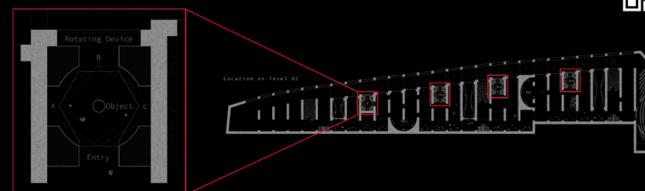






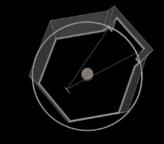


# INTERACTIVE ROOMS ROTATING CHAMBERS



Conformed as chambers that rotate as you go in. Showing the multiplicity of stories of a single object.



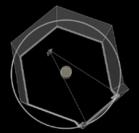












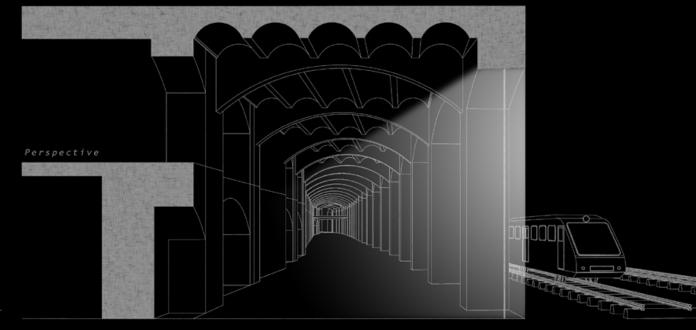


## EXHIBITS TRAIN GALLERY

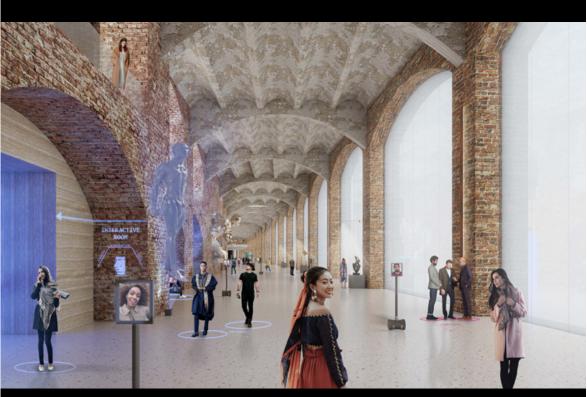


The project integrates ephimeral elements of its surrounding. This gallery intersects the entire building and faces the lower train level on the outside and as the train moves through the façade it changes the perception of the gallery through shadows and sound.

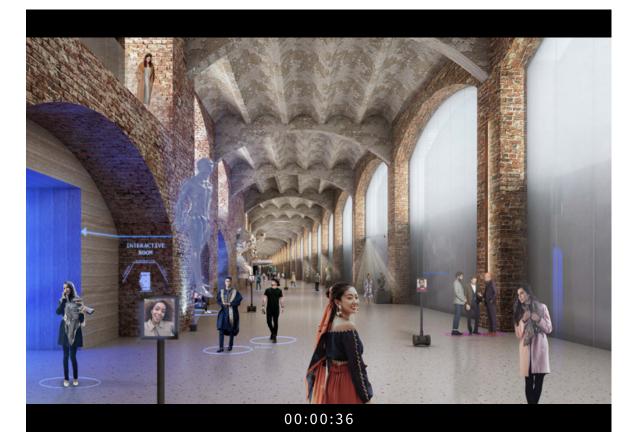








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"This project demonstrates that the ultimate value is history, and this narrative is embedded into the architecture"

Galia Solomonof



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