



SELECTED WORKS

After a year of intense observation and practice, architecture no longer appears to me as the pursuit of form or authorship, but as the continuous negotiation between systems, ecological, political, and human. It is not about control, but about response.

To design today is to acknowledge entanglement. Buildings are no longer inert shelters for human life alone, they are participants in broader networks of matter and meaning. Air, water, insects, fungi, structural failure, administrative delay: all are co-authors.

What we build, and how we build it, affects not only our cities but also the species we rarely account for. The work must go beyond humancentered narratives and embrace a more distributed idea of relevance, one that includes the silent actors that make life possible.

This past year has not been about perfecting technique, but about expanding perception. About recognizing that the most urgent architecture might not be what we add, but what we allow. Not what we imagine, but what we notice.

PLUG IN COMMUNITY ADV. STUDIO N_SUMMER

BUILDINGS ON BUILDINGS ADV. STUDIO V_FALL

DAYLIGHT, METHABOLISM DAYLIGHT ANALYSIS_FALL

MYCOBAGS_SYSTEM FOR A REGENERATIVE FUTURE ADV. STUDIO V_SPRING

REGGIO SCHOOL SECTION SEMINAR OF SECTION_SPRING

SUSTAINABLE FOOD PRACTICES TRANSSCALARITIES_SUMMER

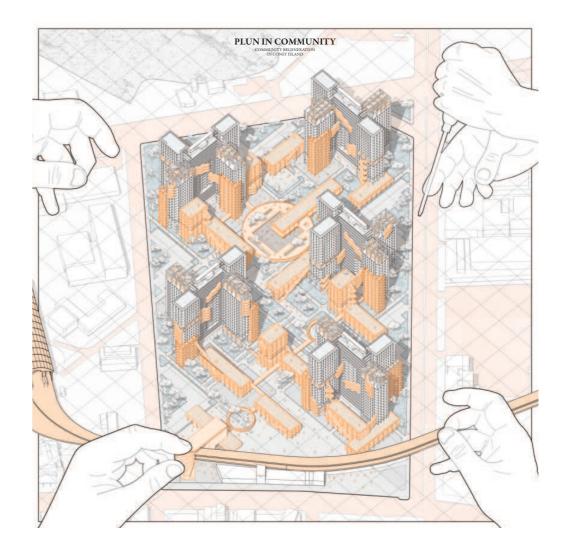
CONVERSATION SERIES ON POSSIBILISM_SPRING

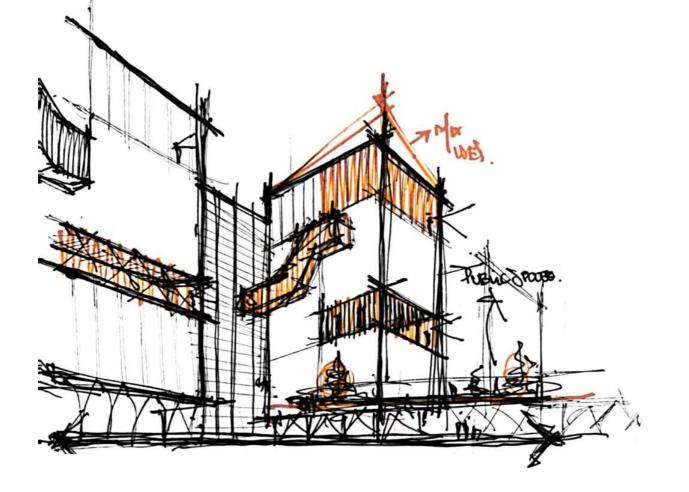


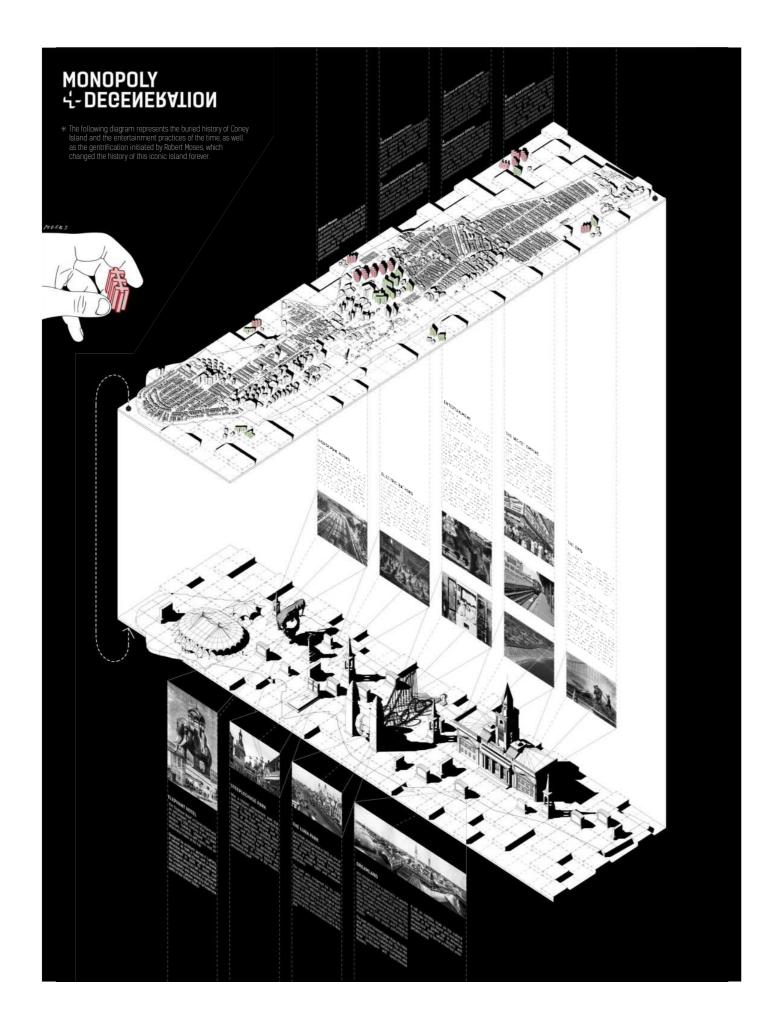
Contrasting the existing segregation in Coney Island with the This involves creating elevated interconnected pathways at gentrification generated by the housing projects developed different heights that traverse existing buildings, linking them by Robert Moses, this project aims to foster inclusion with the new units, as well as creating public spaces on through an intervention in one of the most controversial rooftops and at specific heights of these buildings, spaces projects on the island: the Luna Park Housing Corporation. that will adapt to rising water levels. Additionally, structures The primary concept introduced is the internal connectivity of were designed to adapt to building facades, expanding the the project, which will then extend into its surroundings, usable space of existing apartments, improving them, creating a complete integration within Coney Island. By providing more natural light. These structures also include adding new community services as well as new housing gardens that are fed by rainwater collected through an units, the idea is to plan a system of cohesion between local installed system, which connects to the network on the residents and visitors, who are primarily connected to the ground floor that collects water from rooftops and new MTA system. Through specific design strategies, the project structures, distributing it throughout the site. With these seeks to implement various systems that enhance systems and new community spaces that serve not only the connectivity and adapt to NYC's 100-year flood hazard residents but also local wildlife, the result is a network that mitigation plan. allows seemingly incompatible elements to coexist.

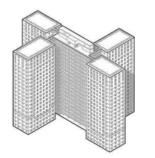


COURSE
AUTHORSADV STUDIO V_SUMMERAUTHORSSEBASTIÁN DOMÍNGUEZ
JAEJUN CHOI
YOUNG-JU CHUNGINSTRUCTOR
LOCATIONDAVID EUGIN MOON
CONEY ISLAND, USA

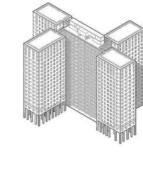








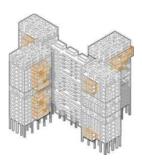
PRE-EXISTING ANALYSIS



BUILDING ELEVATION

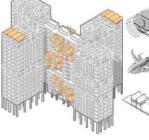
Despite being in acceptable condition, the buildings currently face issues with lighting and space. Additionally, they are out of scale, which results in a lack of connection with their immediate context.

Based on the 100-year floodplain, it is deemed necessary to elevate the first three levels, freeing up space for the implementation of new community programs and creating connections at different heights.



VERTICAL GARDENS

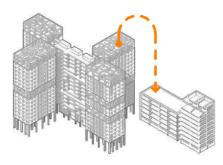
proposal includes anchoring metal structures to the facade, adding dynamism while serving as green spaces or integration areas for the residents.



ARCRAFT RECYCLING

Aligned with prior research, we believe it is necessary to incorporate aircraft recycling within the project, highlighting their potential by using them as roofs and taking advantage of their shape for rainwater collection and distribution.

To tackle lighting and space issues, the



RELOCATION OF MANSORY

To address the scale issue, it is proposed to relocate the masonry from the upper levels, including their roofs, allowing for greater permeability in the project. This masonry will be used to construct new housing blocks with an appropriate scale.

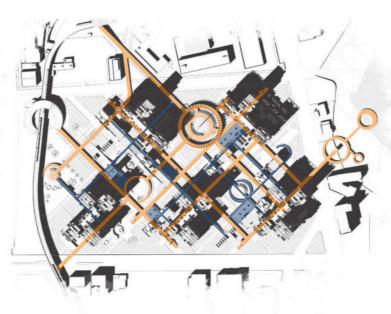






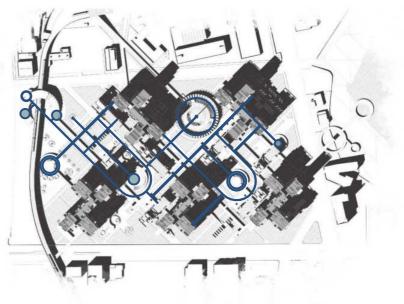
RAINWATER RECYCLING SYSTEM

Finally, the system is connected by a complex rainwater network integrated into the proposed facade structures, serving as an irrigation system for the community gardens and collecting water to be distributed throughout the project via the ground level.

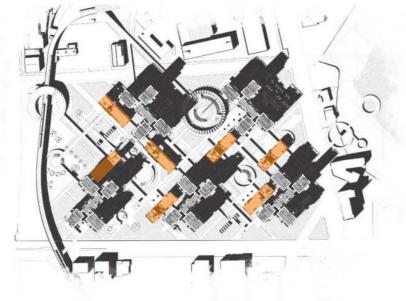




Due to the 100-year floodplain, a new network of elevated walkways and paths is proposed to connect the new spaces at different heights, providing greater dynamism and integration for users and immediate community



Following the proposed rainwater collection on rooftops and facade structures, a network at the ground level is needed for distribution and storage. This will create an irrigation system for existing and future vegetation.

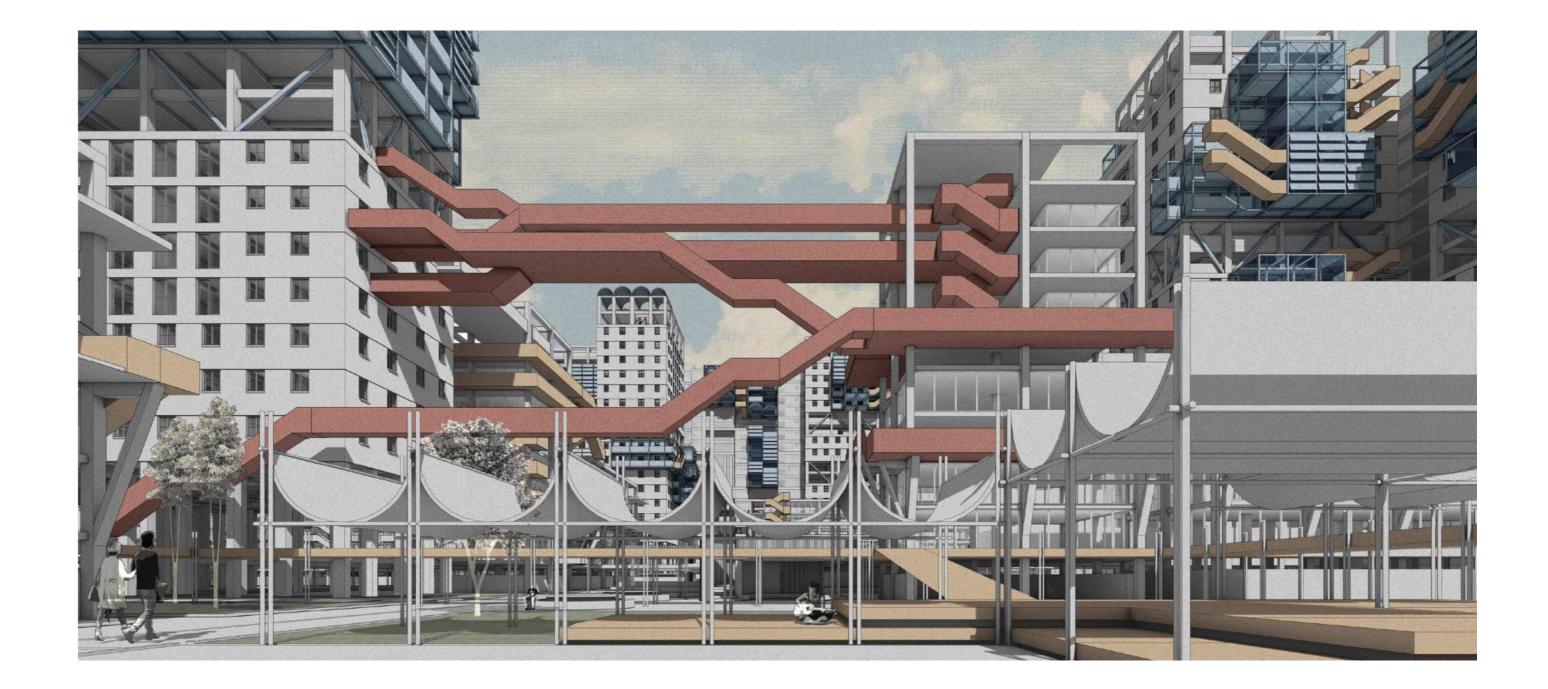


NEW HOUSING UNITS

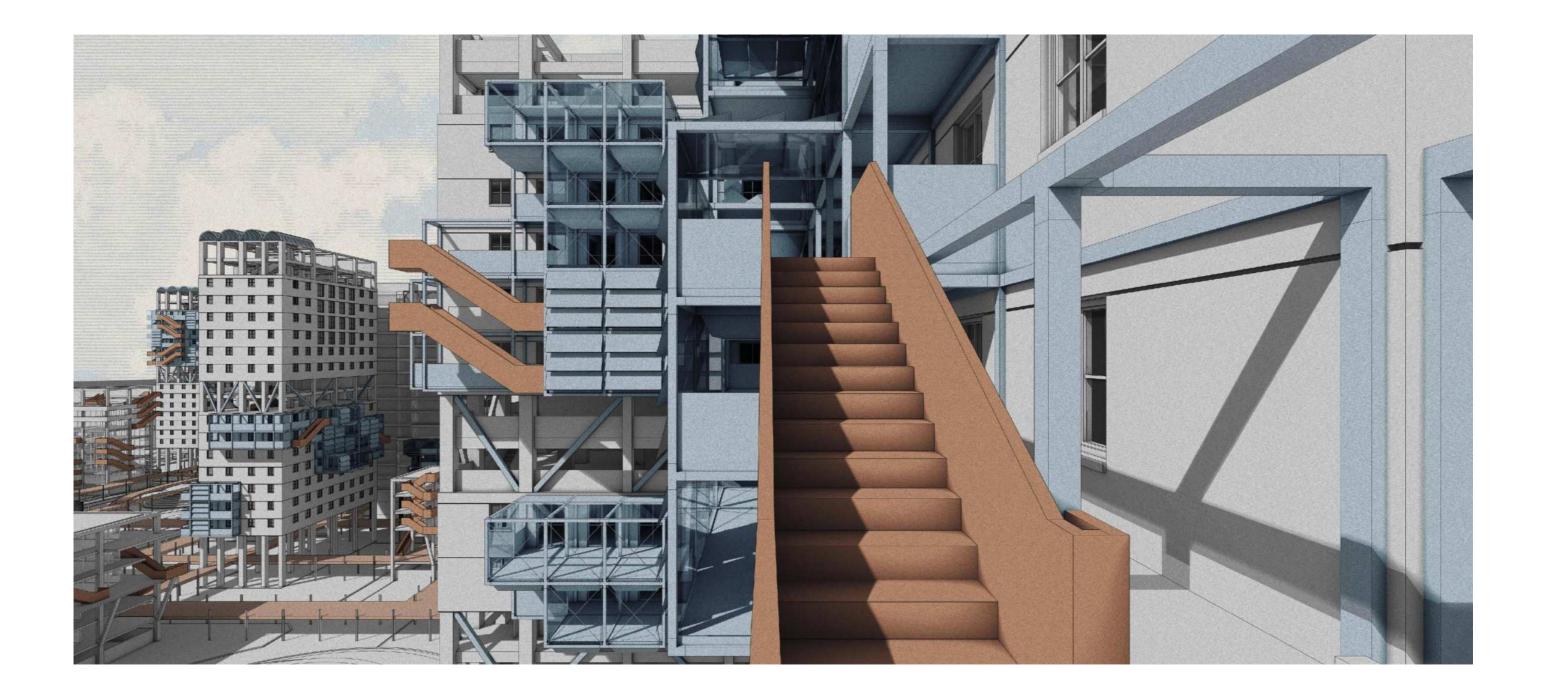
The proposal integrate new housing units into the existing framework to improve the scale and density of the project. These units will be low and mid-rise, designed to blend various social strata, including affluent residents, NYCHA,, etc.



RAINWATER NETWORK

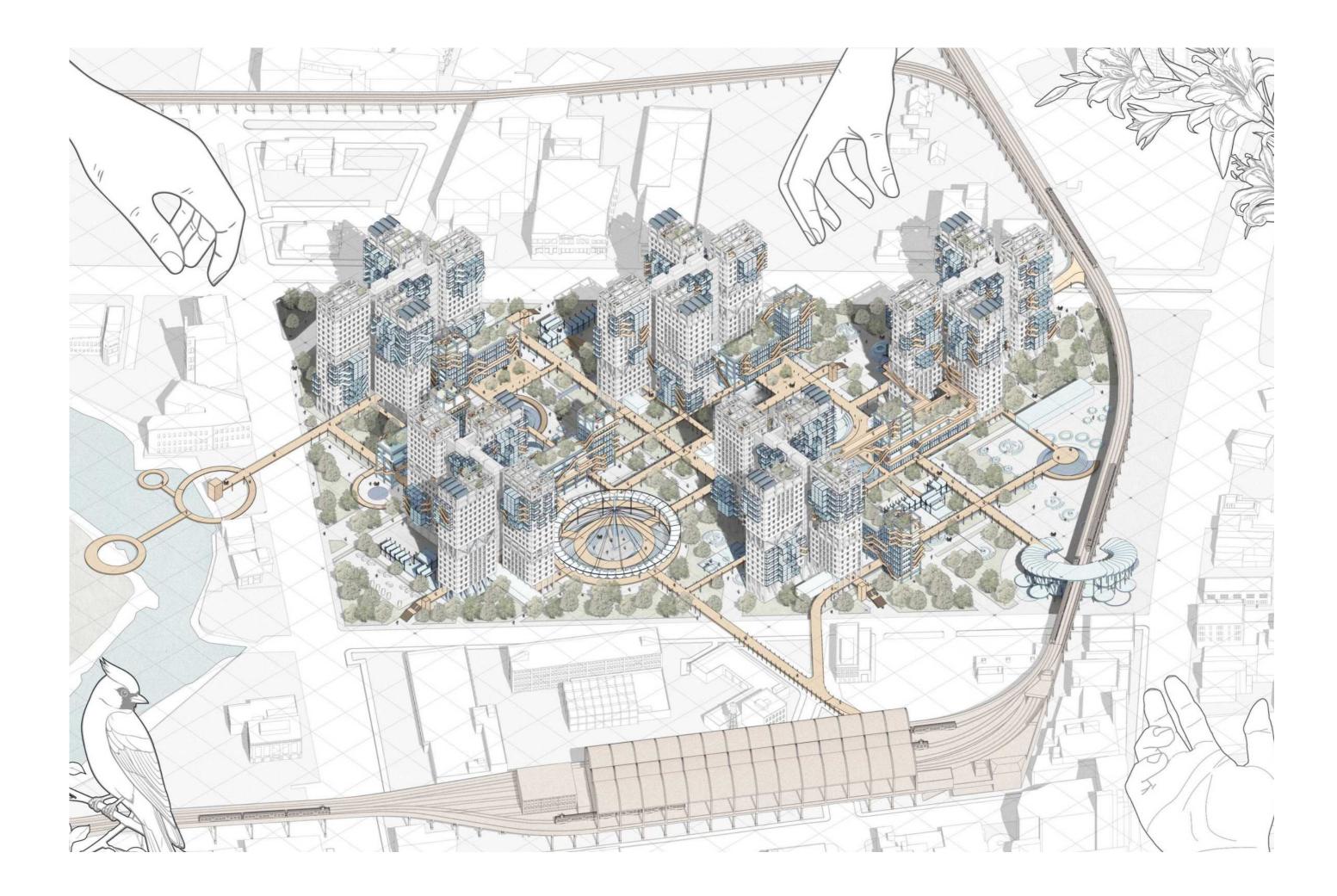


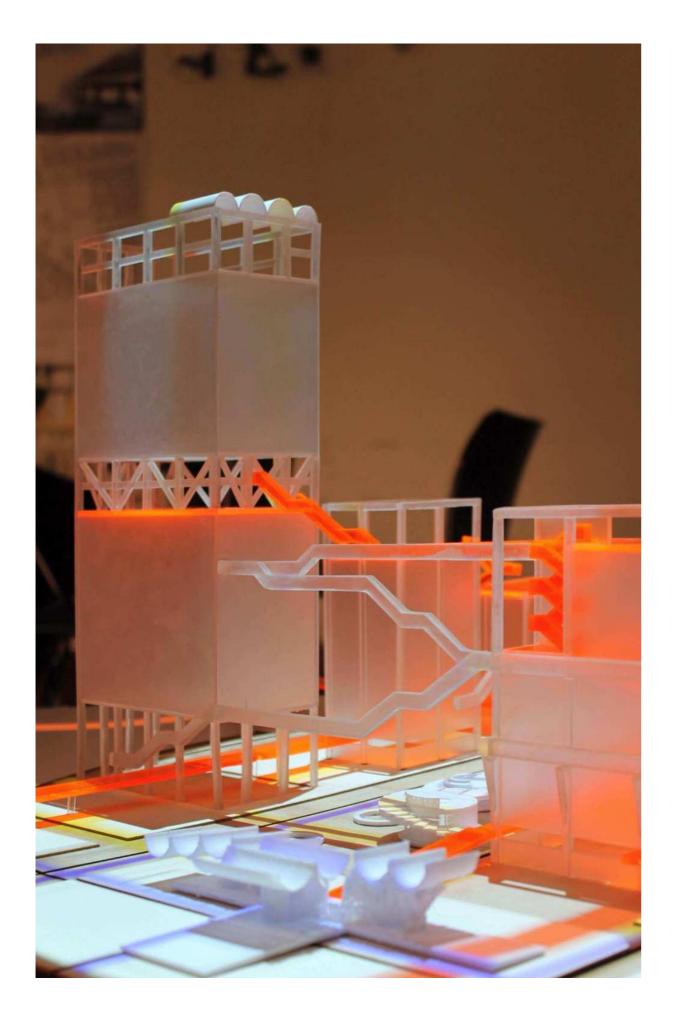
A pavilion constructed using decommissioned aircraft components sourced from JFK Airport—materials that, due to federal regulations, can only be recycled by the U.S. government. Given the airport's proximity, the proposal repurposes these aircraft bodies as rainwater collectors, integrating them into the site-wide system that distributes harvested water across the entire complex.

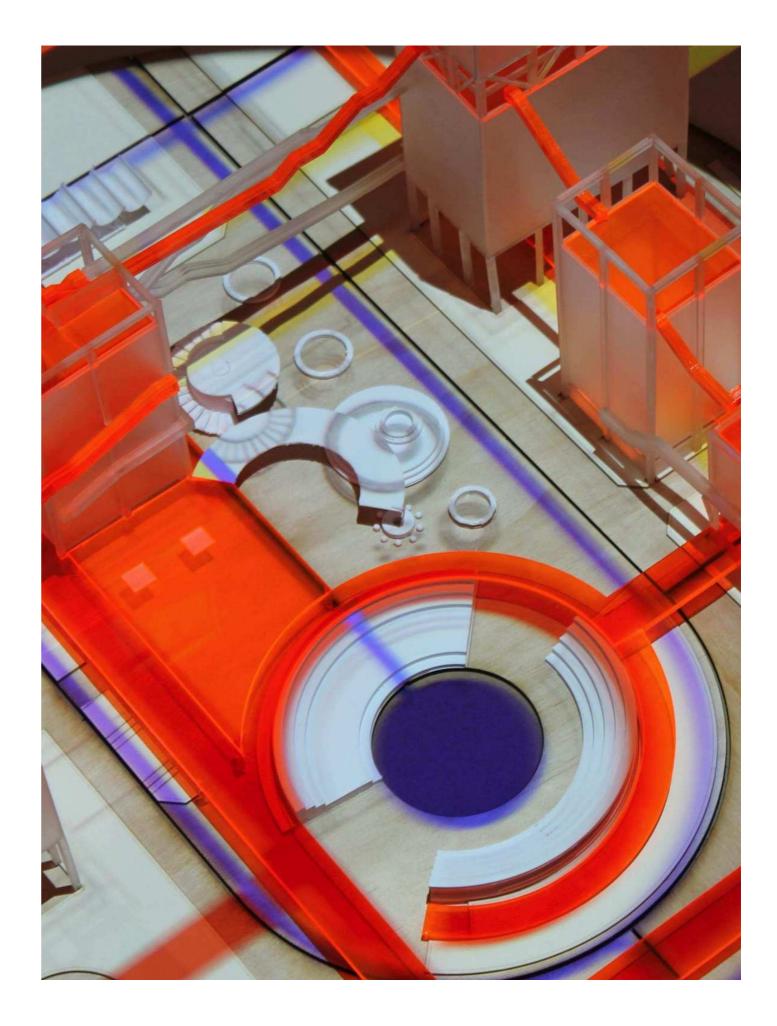


Modular structures are anchored to the existing façades to expand the usable area of the apartments. In addition to increasing interior space, these additions improve natural ventilation and daylight access. The modules create mixed-use extensions that serve as communal gardens and gathering spaces for residents. Interconnected with one another, these modular elements generate new layers of interaction and social engagement among user.

PLUGS IN MODULES ATTACHED TO THE FACADE

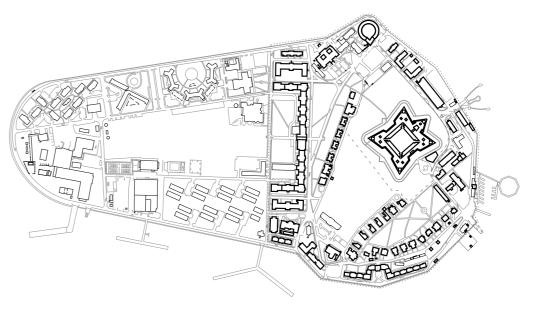


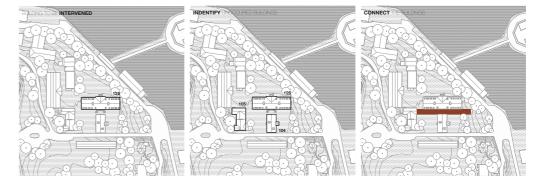






This architectural project addresses the challenge of This phased approach results in a dynamic architectural establishing an archive for architecture within an abandoned system-one that adapts to existing conditions and structure on Governors Island. The fundamental question is transforms according to programmatic needs over time. To whether to preserve the existing building or demolish it. align with the island's commitment to sustainability and Taking a critical stance, the proposal advocates for minimal technological innovation, the intervention is constructed intervention, preserving as much of the existing fabric as entirely using Cross-Laminated Timber (CLT). This choice not possible while recognizing the necessity for additional space. only minimizes the environmental footprint but also enhances Instead of imposing a singular new structure, the project the project's dialogue with the island's ecological research seeks to integrate with other abandoned buildings on the island, forming a network of interconnected spaces. With a single design gesture, the intervention unifies these reuse, offering a unique timber-clad space for exhibitions and structures, allowing them to function as a cohesive archive events. Through this strategy, the project challenges while respecting the island's historical and spatial character. conventional preservation and expansion methods, The project is conceived as a phased development, demonstrating that architecture can be both adaptive and presenting a unique challenge: how to ensure that each respectful of its context while fostering new ways of engaging stage functions independently while contributing to its purpose with the built environment.

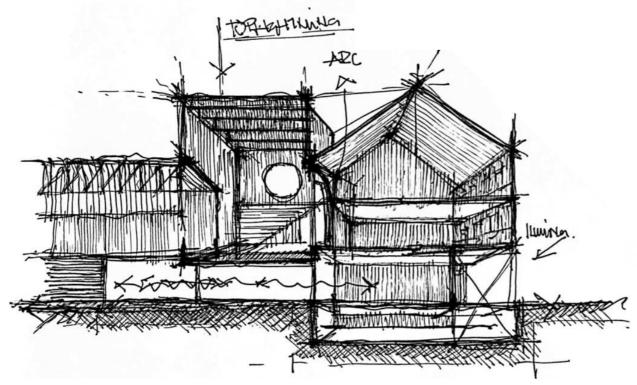




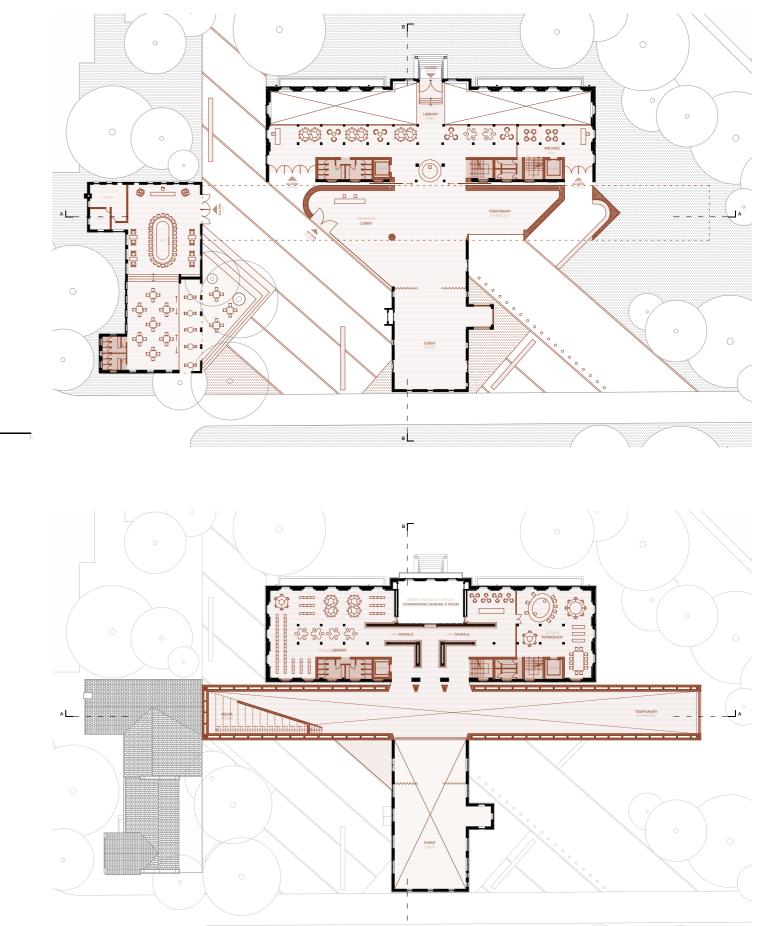


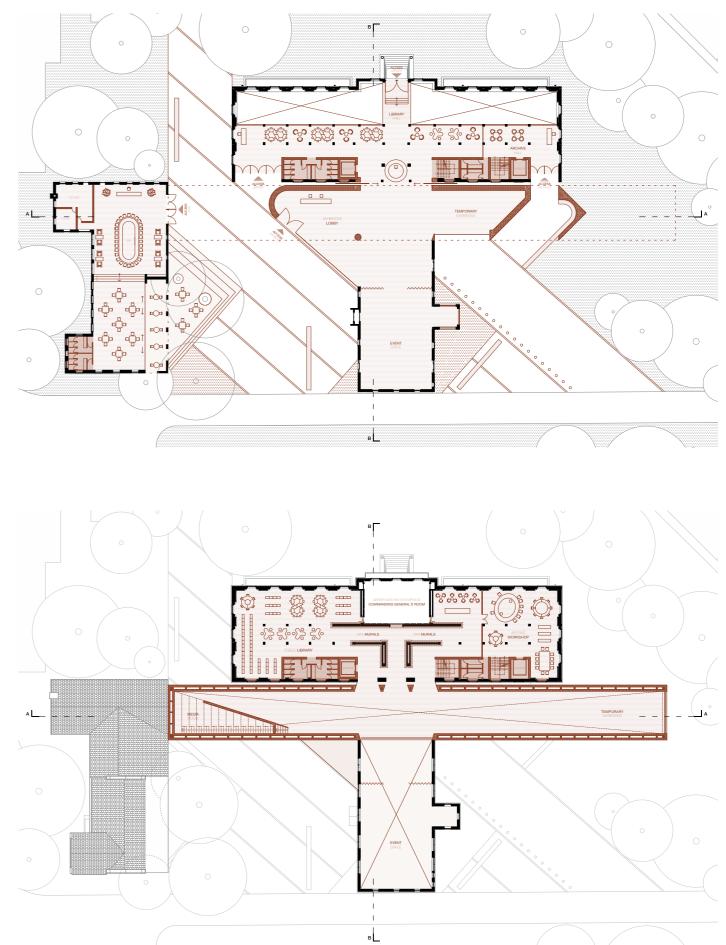


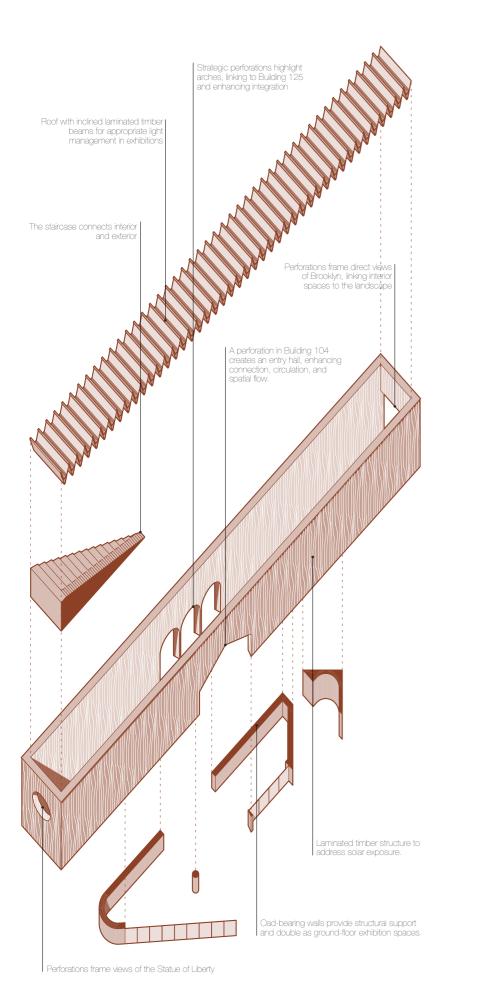
COURSE ADV STUDIO V_FALL SEBASTIÁN DOMÍNGUEZ AUTHORS TEBAN MARTÍNEZ BACIGALUPPI INSTRUCTOR VONNE ICKX LOCATION GOVERNORS ISLAND, USA



GOVERNORS ISLAND







GROUND LEVEL

FIRST LEVEL





PHASE 01

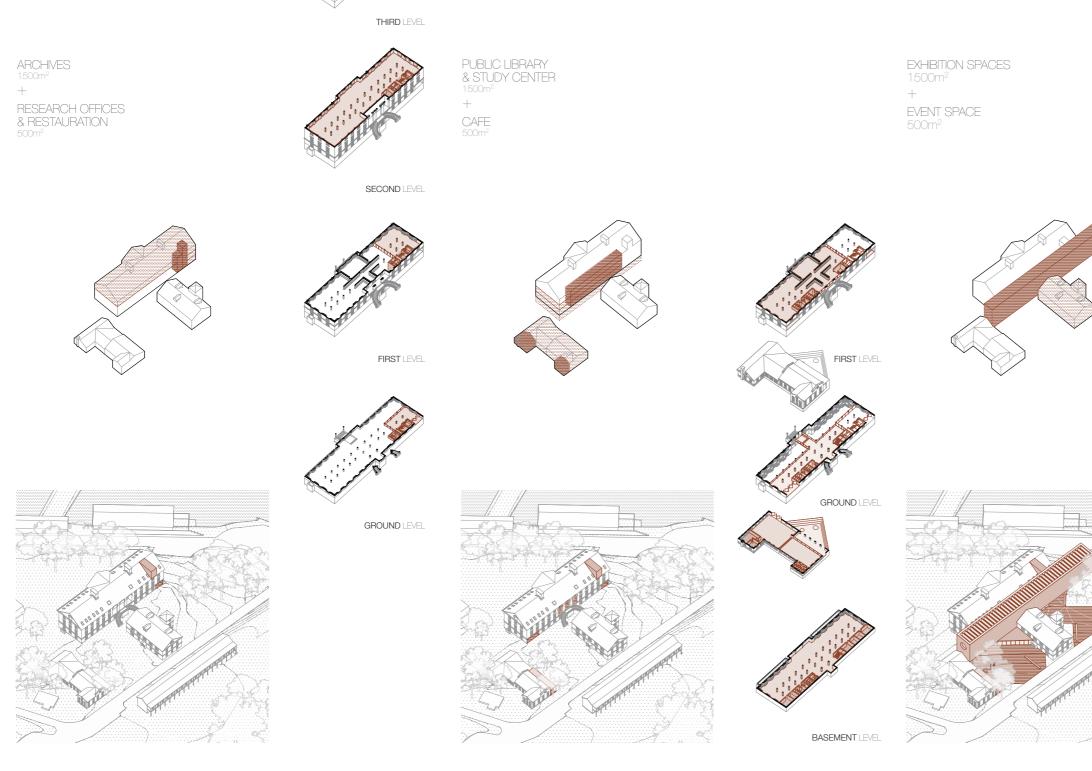
The archives are located on the building's upper levels to ensure protection from flooding. An independent vertical circulation system provides secure, controlled access, prioritizing preservation and operational efficiency by isolating this function from the rest of the building.

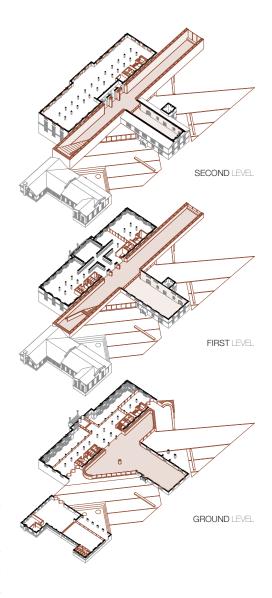


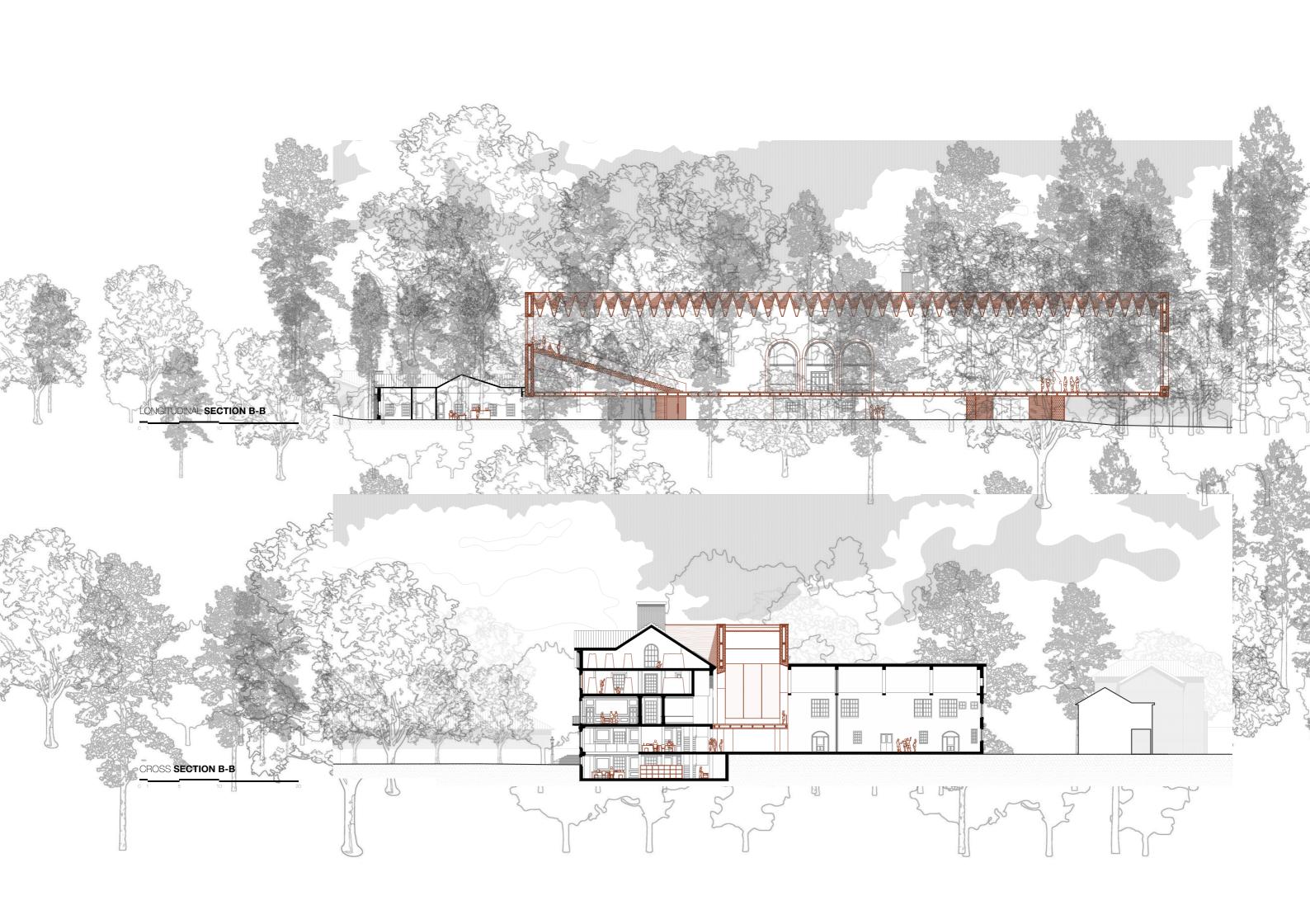
Services and circulation are centralized along the southern façade to optimize space and efficiency. Double-height spaces bring natural light to the basement, improving the environment and reducing artificial lighting. Building 105 is repurposed as an independent café, enhancing visitor amenities and the island's offerings

PHASE 03

An elongated volume is added to connect existing structures at ground level, enhancing circulation and spatial integration. Linked to Building 125 via the earlier vertical circulation system, it ensures seamless access. Carefully controlled sunlight creates an atmosphere suited for exhibitions, balancing illumination and preservation.

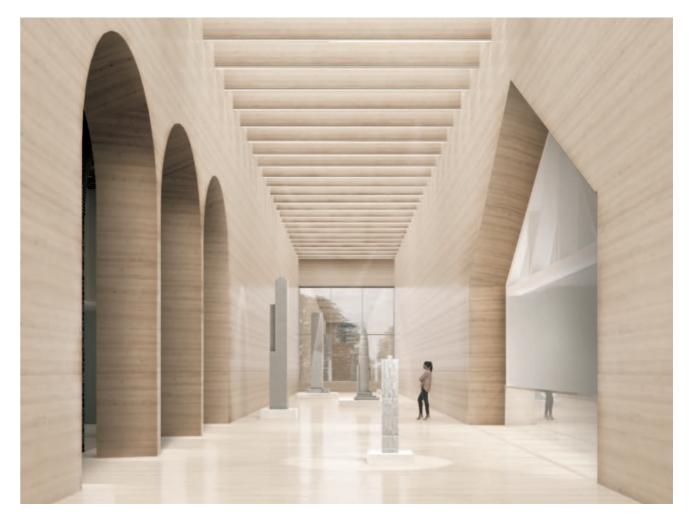




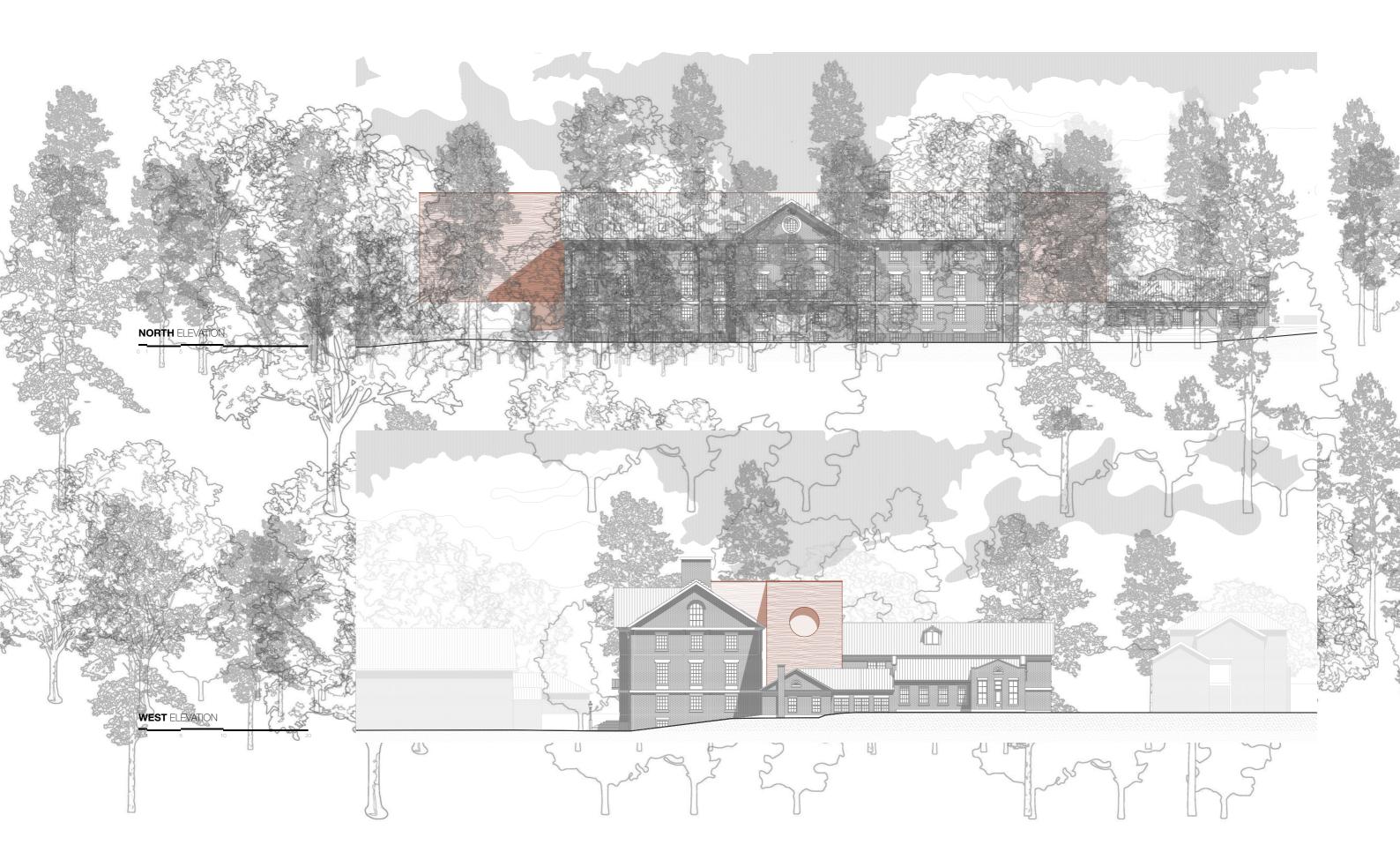


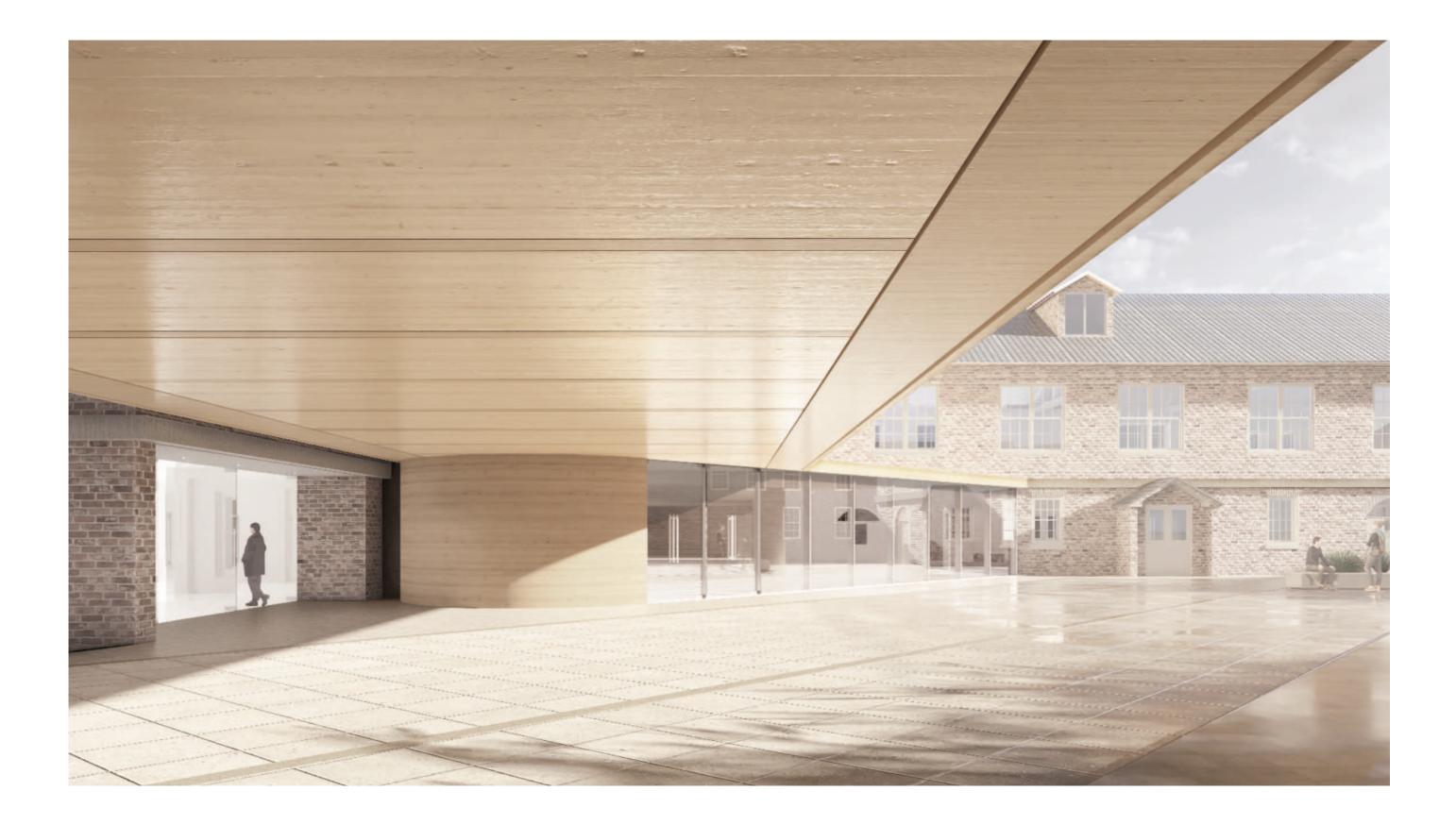


MULTI-PURPOSE GALLERY SPACE



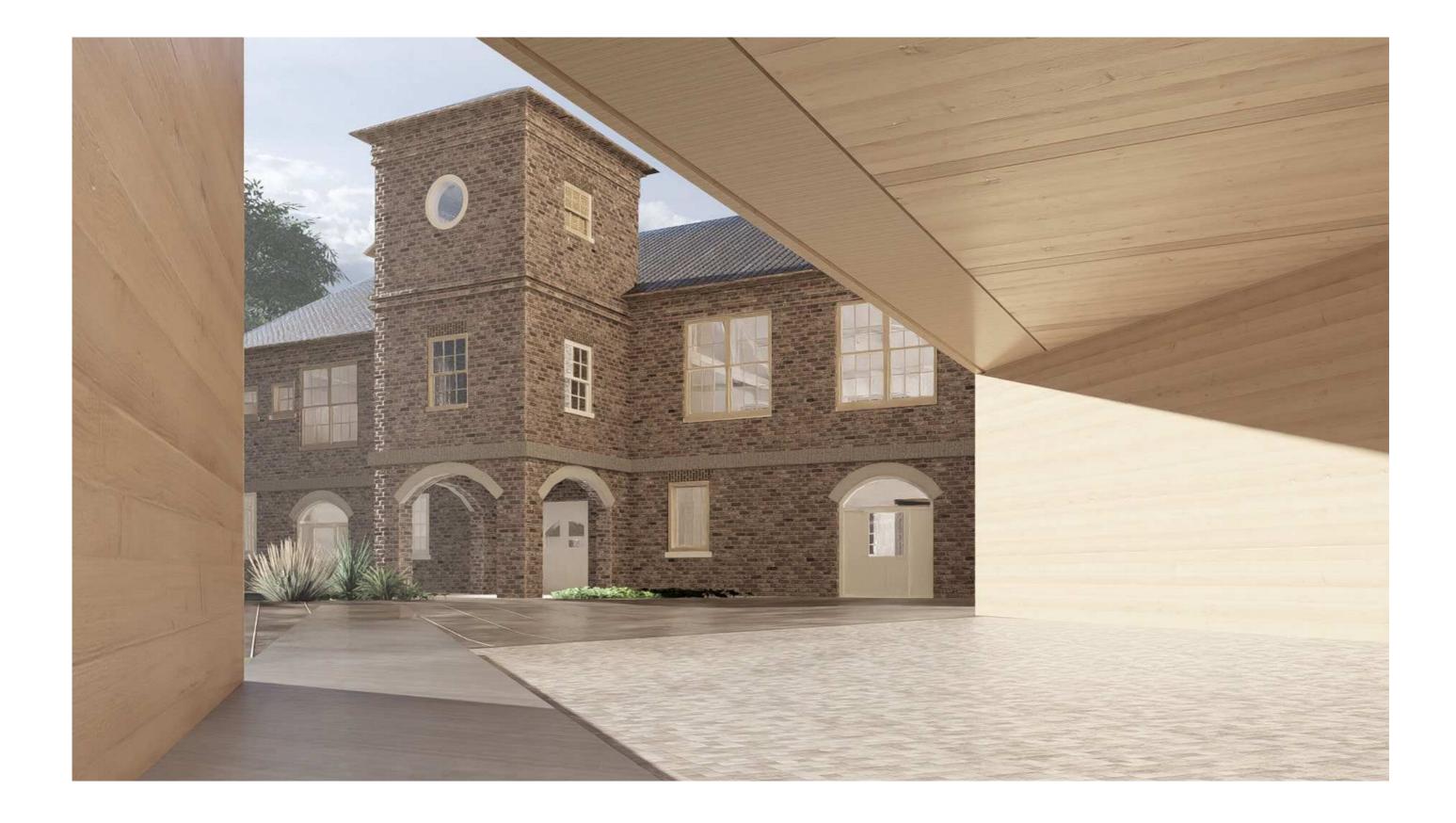
MAIN GALLERY AND EXHIBITIONS





MAIN ACCESS GALLERY AND CAFE

With the inclusion of the gallery block in the third phase, a central plaza is created that connects the three existing buildings, activating and integrating them through a single unifying gesture. This expansive surface not only provides covered access points to each structure, but also enhances the spatial tension and dialogue between them, transforming previously disconnected elements into a cohesive and dynamic public realm.



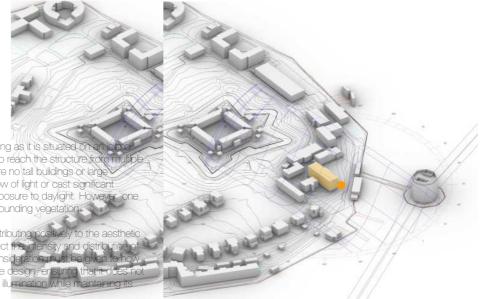
In this phase, we also observe the direct connection to the project's private section, which includes offices and archives. This connection generates direct visual relationships with the pre-existing structures, resolving the dialogue between new and existing elements. The design carefully respects the architectural language of the original buildings, establishing a coherent and respectful integration across the entire complex.

ARCHIEVES MAIN ENTRANCE EXTERNAR BUILDING 304 VIEW





CLIMATE/SITE ANALYSIS **SUNPATH**



The building benefits from excellent natural lighting as it is situa with an open environment that allows sunlight to reach the structure angles throughout the day. Additionally, there are no tall buildings or large constructions nearby that could obstruct the flow of light or cast significan shadows over the site, enhancing its overall exposure to daylight. How important factor to take into account is the surrounding vegeta

The presence of trees and greenery, while contributing and environmental qualities of the site, may affect the light entering the building. Therefore, careful considera this vegetation is managed or integrated into the design hinder the building's potential for optimal natural illum connection to the landscape.

CLIMATE/SITE ANALYSIS WIND/SKY

The building is subject to significant wind exposure due to its location on an island, surrounded by large bodies of water. The absence of large structures nearby allows the wind to flow freely across the site, making wind a crucial element to consider in the design process. The island's open environment amplifies the effects of prevailing winds, which can vary in intensity through Additionally, the proximity to the water enhances the likelihood of stronger coastal winds, particularly during seasonal storms or weather changes

While this wind exposure can be beneficial for natural ventilation and cooling, it also requires careful consideration in terms of the building's structure, orientation, and materials to ensure durability and comfort for occupants. Windbreaks or strategic landscaping could be introduced to mitigate the strongest gusts, while the building envelope must be designed to withstand these forces without compromising energy efficiency.

CLIMATE/SITE ANALYSIS RADIATION

The building's location on an island, surrounded by open water, also makes solar radiation an important factor to consider. The lack of tall structures nearby allows for unobstructed sunlight throughout the day, which can result in higher levels of solar radiation hitting the building's exterior. This exposure to sunlight can be beneficial, especially for maximizing natural light and passive heating during coder months. However, it also brings challenges, particularly in controlling the heat gain and potential glare inside the building.

Given the building's location and the strong solar exposure, implementing strategies for solar control is essential. These could include shading devices, reflective materials, or even green roofs to reduce the heat load on the building. 230 Additionally, the design should consider how to optimize solar gain during the winter while minimizing it during the summer to maintain a comfortable indoor climate. Solar radiation can also impact the outdoor spaces around the building, making it important to provide shaded areas for comfort and to protect sensitivitatian materials or exhibits inside the building from prolonged exposure to sunlight. B country : USA carefully managing solar radiation, the building can achieve a balance betweensource : TMY-94728 maximizing natural light and minimizing energy consumption for cooling. maximizing natural light and minimizing energy consumption for cooling.

time-zone : -5.0

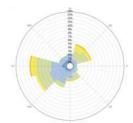


COURSE DAYLIGHT, METHABOLISM AUTHOR SEBASTIÁN DOMÍNGUEZ **INSTRUCTOR** ELLIOT GLASSMAN LOCATION GOVERNORS ISLAND, USA

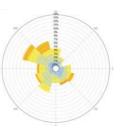


DAYLIGHT_SITE ANALY

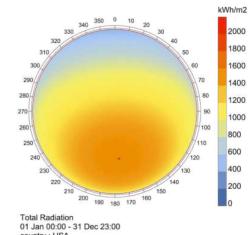




NIGHTLIGHT

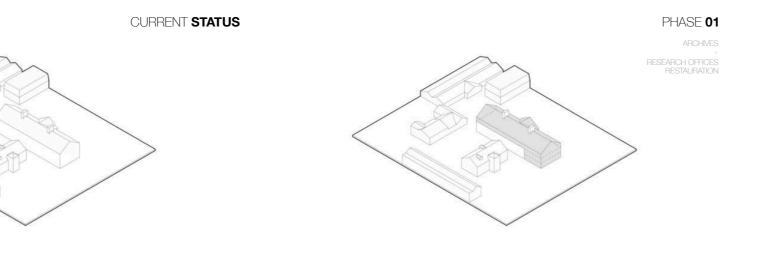






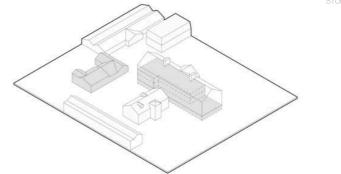
01 Jan 00:00 - 31 Dec 23:00 country : USA source : TMY--94728 city : New York City Central

time-zone : -5.0

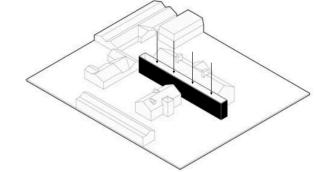




PUBLIC LIBRARY & STUDY CENTER +

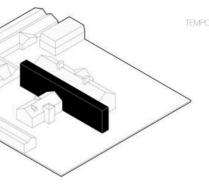






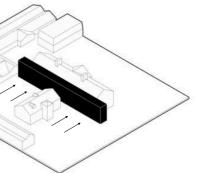


EXHIBITION SPACES + EVENT SPACE & TEMPORARY EXHIBITIONS



PHASE 03

FREE GROUND FLOOR





TOP LIGHTING DUE TO SUNLIGHT The positioning and geometry of the block have been carefully conceived so that its perforations are not arbitrary, but rather the result of a precise spatial and environmental strategy. Each opening is calibrated to establish seamless integration between the new structure and the existing buildings, allowing for both physical and infrastructural continuity throughout the complex. This deliberate arrangement ensures that circulation paths, service lines, and structural systems align, reinforcing the project's commitment to cohesion and spatial clarity.

The perforations play a critical role in regulating environmental conditions. The block acts as a protective shell for sensitive programs such as archives and exhibited works, where temperature, light, and humidity must be carefully controlled. The apertures are strategically located and dimensioned to minimize direct solar radiation, preventing material degradation

while still allowing for controlled daylighting and visual transparency. These openings are not passive voidsthey are spatial instruments. They frame views, establish visual connections with the surrounding urban and natural context, and modulate the relationship between interior and exterior. The upper roof structure further reinforces this environmental responsiveness: its form and orientation are optimized to provide solar control, channel natural ventilation, and support passive climate regulation within the gallery and archival spaces.

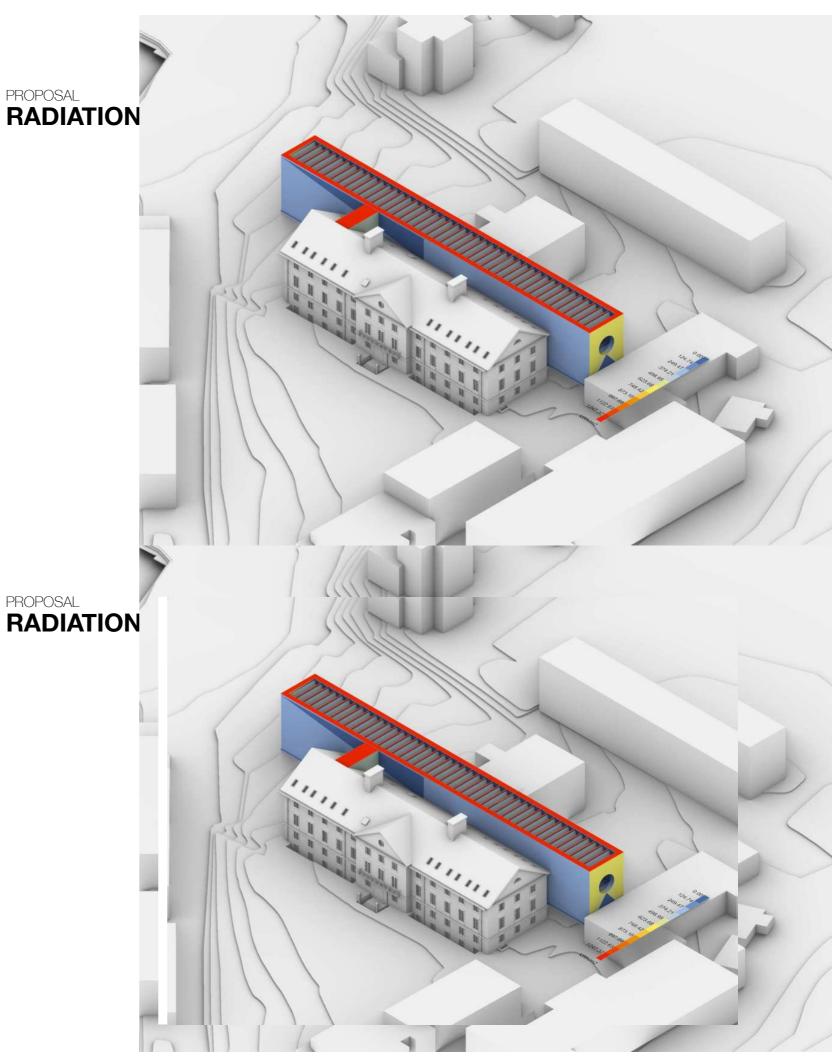
HAR STREET

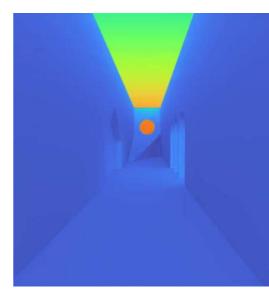
The result is a porous yet protective architecture—one that operates across multiple registers: technical, perceptual, and ecological. It does not isolate, but filters. It does not dominate, but mediates. Through its precise disposition and environmental intelligence, the block becomes more than a container—it becomes an active interface between context, climate, and content.



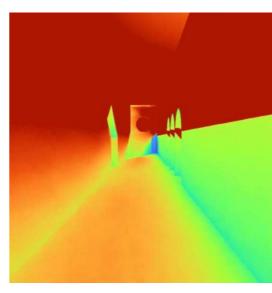
PROPOSAL

PROPOSAL RADIATION

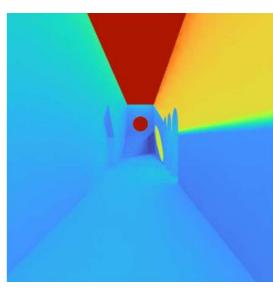




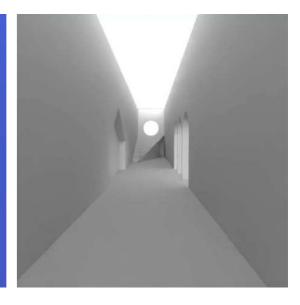
VEW 01 VERNAL EQUINOX_March_12pm Da % OF HOURS > 300.01X 25 50 75 100 USA NY CENTRAL PARK_SKY CLEAR CONDITIONS

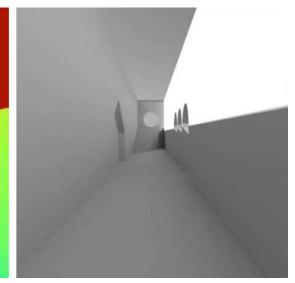


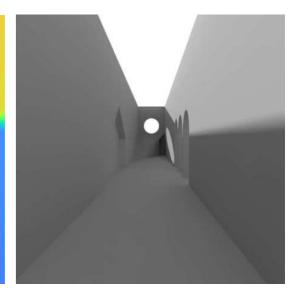






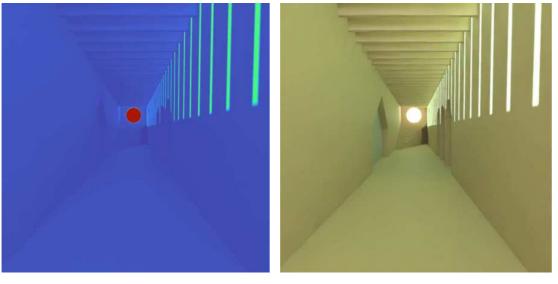


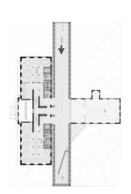




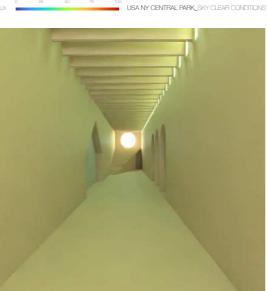


VEW 01 VERNAL EQUINOX_March_12pm Da % OFHOURS > 300LIX 25 50 75 100 USA NY CENTRAL PARK_SKY CLEAR CONDITIONS

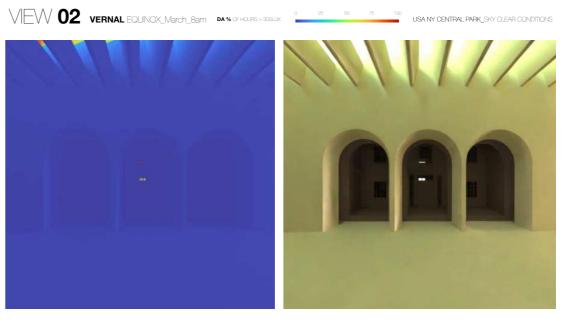


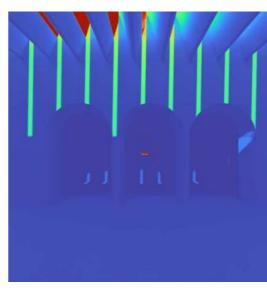






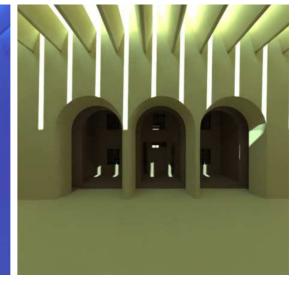






VEW 02 VERNAL EQUINOX_March_17pm Da % OF HOURS > 300LIX 25 50 75 100 USA NY CENTRAL PARK_SKY CLEAR CONDITIONS







ANNUAL SUNLIGHT EXPOSURE

LEED daylight credits 3

Spatial Daylight Autonomy (fraction of area) 0.9962

Annual Sunlight exposure (% of area) 0.344

Mean illuminance (lux) 7622.0796

The diagrams (eff) show a similar analysis of sunlight exposure but add a new dimension: the pink and purple areas that indicate "overfit" zones, meaning areas exposed to too much direct sunlight innore than 1500 Juk. This is important since too much direct light can affect visual comfort or damage ain objects, such as those that

ANNUAL SUNLIGHT EXPOSURE

(ASE) Percentage o of floor area exposed to more than 250 hours of direct sunlight greater than 1500lux

LEED daylight credits

3 Spatial Daylight Autonomy (fraction of area) 0.9962

Annual Sunlight exposure (% of area)

0.081

Mean illuminance (lux) 4640.7637



The diagrams (left) show a similar analysis of sunlight exposure but add a new dimension: the prik and purple areas that indicate "overfit" zones, meaning areas exposed to too much direct sunlight innore than 1500 Jul, This is important since too much direct light can affect visual comfort or damage certain objects, such as those that might be on display in a museum.

SPATIAL DAYLIGHT AUTONOMY

(SDA) Percentage of area with 50% Daylight Autonomy or greater

LEED daylight credits

3

Spatial Daylight Autonomy (fraction of area) 0.9962

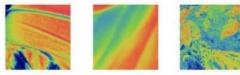
Annual Sunlight exposure (% of area) 0.081

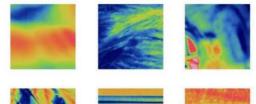
Mean illuminance (lux) 4640.7637



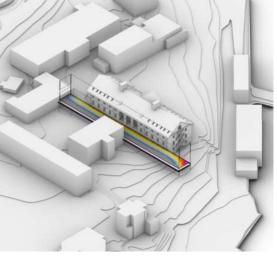
In the image), the blue colors represent areas with less natural light, while the yelow and red areas show greater exposure to day(ght. Overall, a considerable part of the space receives good natural lighting, especially near the windows, while areas further away get less (ght.











DAYLIGHT AUTONOMY 300 LUX

0%

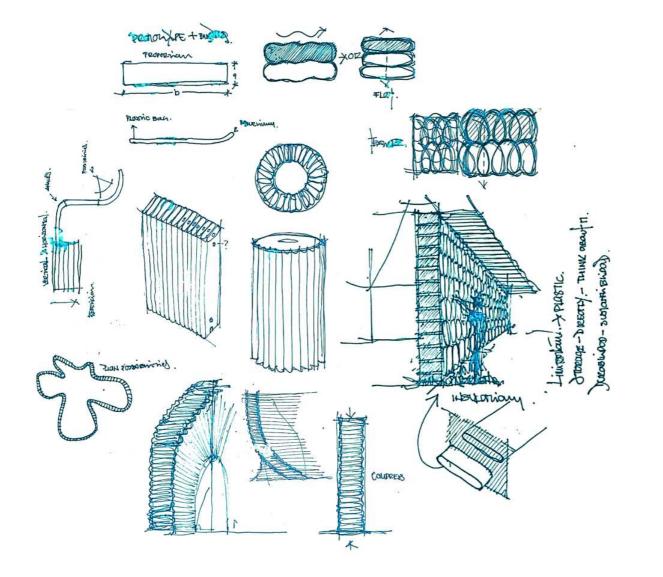
50%



COURSE ADV STUDIO V_SPRING AUTHORS SEBASTIÁN DOMÍNGUEZ TEBAN MARTÍNEZ BACIGALUPPI INSTRUCTOR AVID BENJAMIN LOCATION WORLDWDE/HANSALI,INDIA



MycoBag Commons is a material exploration project that infrastructure. The process is designed to integrate effortlessly with existing agricultural routines, from rural regions like Kenya, proposes a new construction system based on bioplastic bags filled with agricultural waste and mycelium. Through physical Punjab, or Indonesia to industrialized contexts such as the United States and France. This seamless compatibility allows prototyping and performance testing, the project investigates the structural behavior, material adaptability, and logistical efficiency the system to scale quickly and adapt to various geographies, climates, and economies. As a carbon-negative, low-tech, and of this system as a way to challenge the inertia of conventional construction materials and methods. At the heart of the project high-impact material system, it enables anyone, anywhere, to lies a deeply intuitive and age-old gesture: storing something build and create with what is locally available, turning agricultural valuable in a bag. Across cultures and throughout history, the surplus into shelter while storing CO2 in the built environment. It act of placing food, tools, or goods into a bag has represented protection, portability, and preparation for future use. This project is a solution for both rural and urban futures, offering a new architectural language rooted in care, circularity, and collective reclaims this familiar logic and elevates it into a construction intuition. Ultimately, innovative system envisions a world where ecological technique, one that is accessible, scalable, and regenerative. The combination of bioplastic and shredded agricultural waste responsibility meets design empowerment, where everyday becomes self-reinforcing once inoculated with mycelium, simplifying people, not just experts, can become agents of spatial and the production chain and reducing the need for specialized labor or environmental change.





CARBON **EMISSIONS**

PER-CAPITA FOR COUNTRY

Measuring the total carbon emissions doesn't always paint the most accurate picture of a country's contribution, if their population isn't considered.

20

15

10

5

0

POPULATION

0

5B

NDIA

SAUDI ARABIA

UNITED STATES 14.4

76

5

28

38

Here's a look at the biggest per-capita carbon emitters in the world:

REGION:

///// ASIA AND OCEANIA AFRICA AND THE MIDDLE EAST EUROPA AND RUSSIA THE AMERICAS

*1 Middle East A Bahrain, Oman, Kuwait, Qatar, United Arab Emirates

*2 Middle East B Israel, Jordan, Lebanon, Syria, Yemen

*3 Asia A Brunei, Malaysia, Mongolia, Singapore

*4 Asia B Asia without Asia A, China, India, Thailand, Taiwan, Indonesia, S. Korea or Japan

***China** China, Hong Kong

18

68

factor in carbon emissions. Developed countries like Qatar emit 31 t CO,/yr, while that of developing countries in Africa can be as low as 0.7t CO/yr.

When accounting for the intensity of emissions, measured by emissions per GDP, Mongolia will have the highest per capita CO, emissions in 2030, followed by Brunei and Malaysia. W. W. W. WHY THE BUILT ENVIROMENT?

- Massive CO, emissions, primarily through gas flaring,

CO, emissions, despite their small population.

-0

IRAN 7. OTHER OECD EUROPE 6.1

OTHER 8%

^{∪STR}Y " 28%

ITALY

have caused major oil-producing countries like Bahrain, Oman, Kuwait, Qatar and U.A.E to have high per-capita

NEW YORK

The built environment is responsible for about 42% of annual global CO² emissions

5.8% RESIDENTIAL

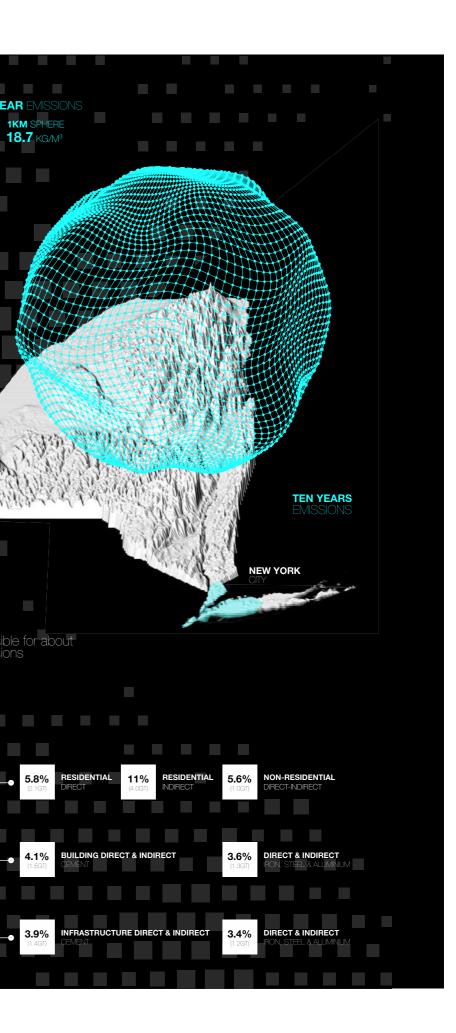
3.9%

ONE YEAR EMISSIONS

1KM SPHERE

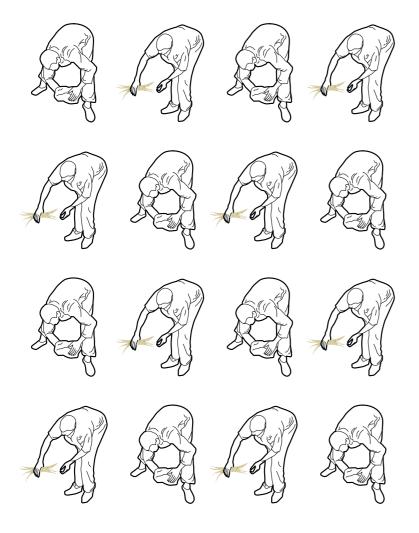
18.7 KG/M³

SOURCE: AQAL GROUP, IEA (2021)



Bags: An Intuitive Human Solution

Since ancient times, humans have created bags from natural materials to carry and store essentials. This simple, intuitive tool evolved with society, leading to the invention of plastic bags—lightweight, durable, and widely used around the world today.









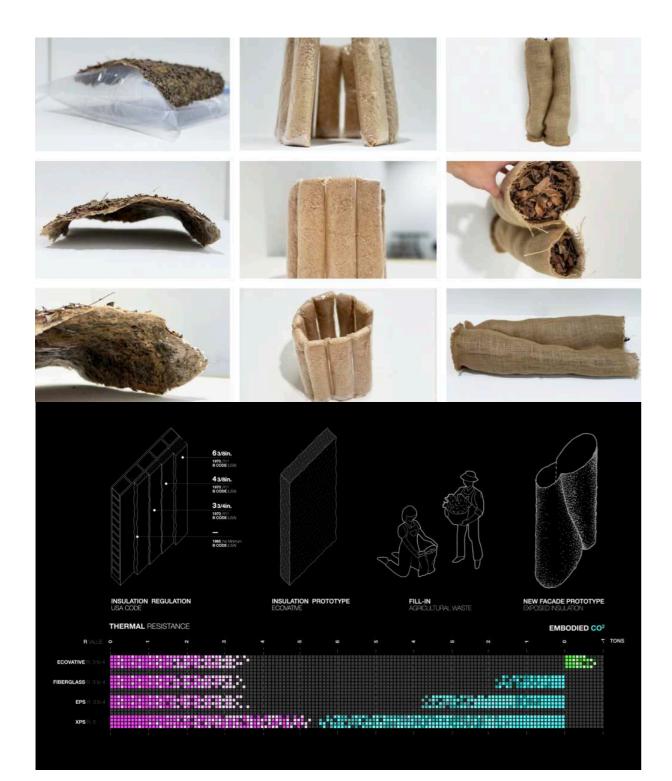
Bags combined with agricultural waste + mycelium

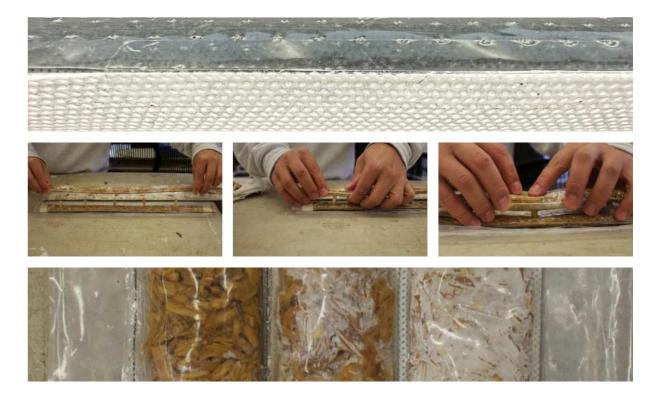






The mixture of plastic and agricultural waste combines two fragile elements that, when brought together, create a stronger composite. This hybrid material is flexible and waterproof, but once injected with mycelium, it hardens and naturally bonds, forming a durable and resilient structure. Below are several potential alternatives that could be developed using this plastic format, including inflatable structures to create enclosures without the need for complex formwork, as well as the possibility of constructing vertical silos as structural elements. A future variation incorporating natural textiles is also being considered, which would expand the range of material and formal explorations.

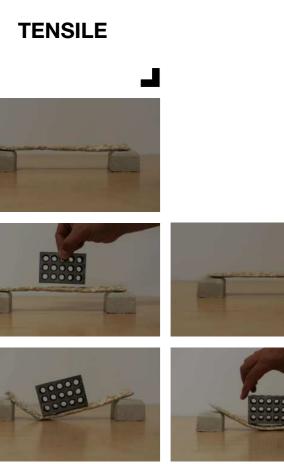




Following a thorough analysis focused on practicality and current relevance, we opted for a perforated plastic tubular format that allows proper ventilation for the healthy growth of mycelium while directly compacting agricultural waste. This format enables greater freedom in design exploration due to its lightness and flexibility.

Several experiments were conducted to demonstrate the advantages of using plastic in the proposed format, revealing a significant improvement in tensile strength, as mycelium performs very well under compression and can also function as a binder when the plastic is cut and heated.

The plastic's waterproofing properties were also considered, along with the potential for achieving a glossy finish in the future. As a next step, a possible surface treatment will be explored, which may vary depending on current market products or evolve alongside the material itself, gradually adapting to the characteristics of traditional construction materials.



1_PROTOTYPE WITHOUT PLASTIC



2_PROTOTYPE WITH PLASTIC



3_PROTOTYPE WITH PLASTIC







BONDING





1_ MYCELIUM NATURAL BONDING



2_ PLASTIC HEATING

1_PLASTER & SHELLAC PRIMER









2_ NATURAL MYCELIUM







3_ WOOD DOWEL



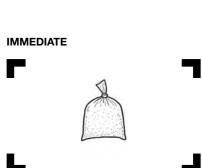






3_ NATURAL SHELLAC













MIDTERM

Г



This allows for the creation of temporary shelters, single-family homes, and medium-scale structures with storage silos, adapting to various needs and contexts.



LONG-TERM

















Once the technology is developed, a new layer is proposed to build upon existing structures, using them as foundations for new carbon-sequestering architectures. These interventions would create mixed-use spaces for both humans and more-than-human species.

Three distinct sizes are proposed, each designed according to the level of urgency related to the need being addressed: an immediate response for emergency situations, a medium-term option for extended yet temporary use, and a long-term solution that can be more permanently integrated into the environment. This classification enables greater adaptability across different contexts, while also allowing for the exploration of diverse design possibilities that vary in scale, construction technique, and degree of permanence.





This made possible by integrating this system into already existing agricultural processes, allowing its implementation without the need for major structural changes. From manual harvesting in regions such as Kenya, Punjab, and Indonesia, to the highly mechanized systems found in industrialized nations like the United States and France, the availability of agricultural waste and established handling practices facilitate its immediate adoption.

This compatibility enables efficient scaling and paves the way for industrialization, offering a sustainable and long-term response to both environmental and housing crises. By using existing technologies adapted to produce this new material, we not only optimize available resources, but also demonstrate the system's versatility and universality-capable of being integrated into diverse economic, social, and climatic contexts.

HAND-CRAFTED

BALING

SHREDDING

BLENDING

BAGGING

COMPOSITE











EFFORTLESS ADAPTATION

MASS-PRODUCED



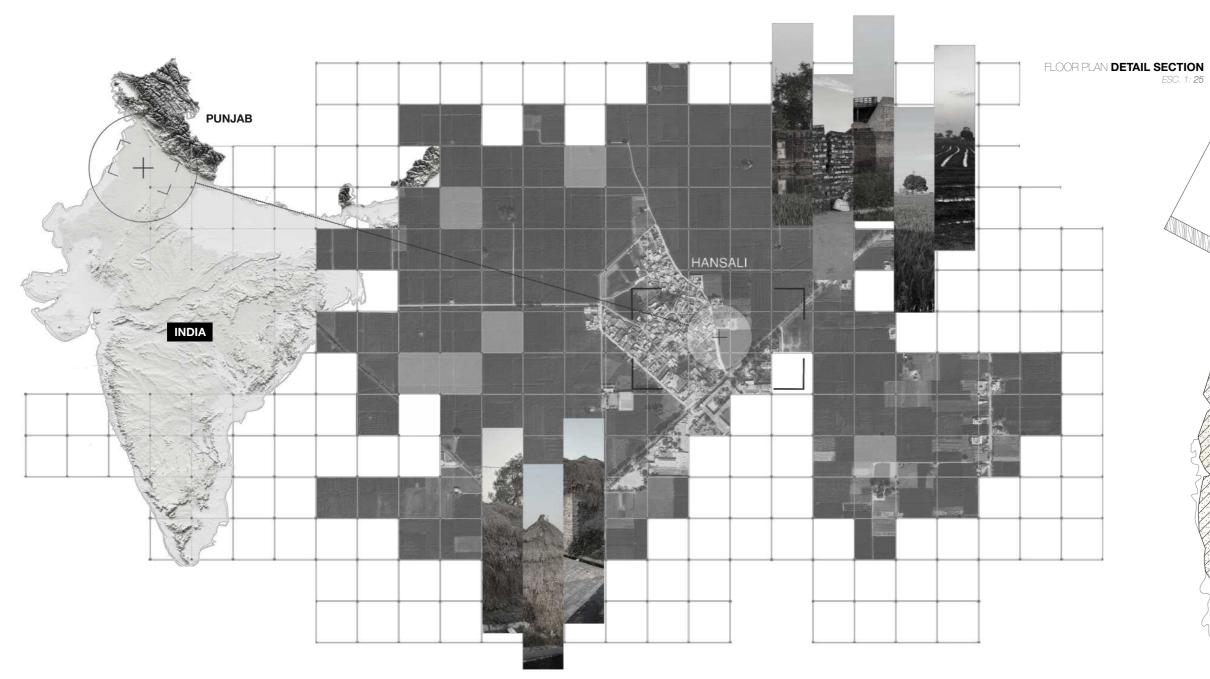












+ MATERIAL ASSEMBLY PROCESS

Mycelium's Role in Low-Tech Construction



F GRAB

Collecting agricultural waste becomes a simple, everyday act. With straw often found just across the street, anyone can gather it by hand and place it into a lightweight bag. No tools, no machinery, just local material and a few minutes of effort. This quick and accessible step makes use of what's already available. ٦

┛



Once the bag is filed with straw, a smail amount of myceilum is added directly inside. Then, water is poured in to create the right environment for growth. The mixture stays inside the bag—no special equipment needed. It's a low-tech, hands-on process that activates the transformation from waste to building meterial.

٦

┛

Г

L

MIX

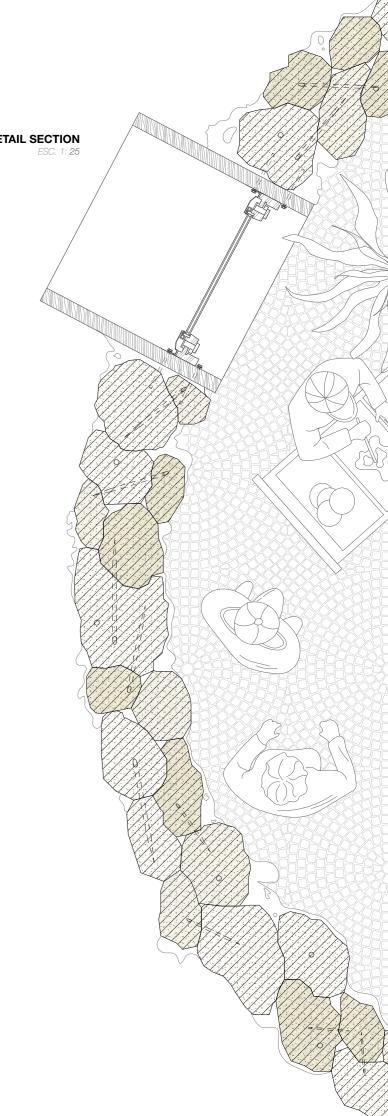


L

After the bag is fully colonized and firm, it's ready to be assembled. Each bag is doweled to the next, creating stable joints without the need for adhesives or fasteners. As the mycelium continues to grow, it naturally binds the bags together, forming a solid, unified structure. Stability emerges not from force, but from connection.

٦

┛

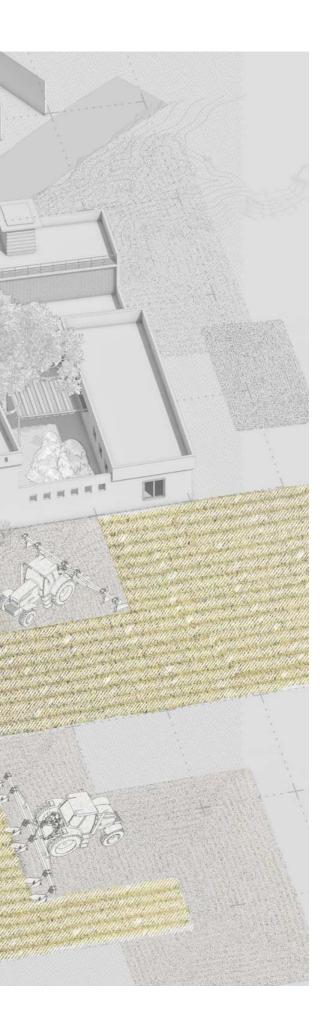


GROWING THE VILLAGE

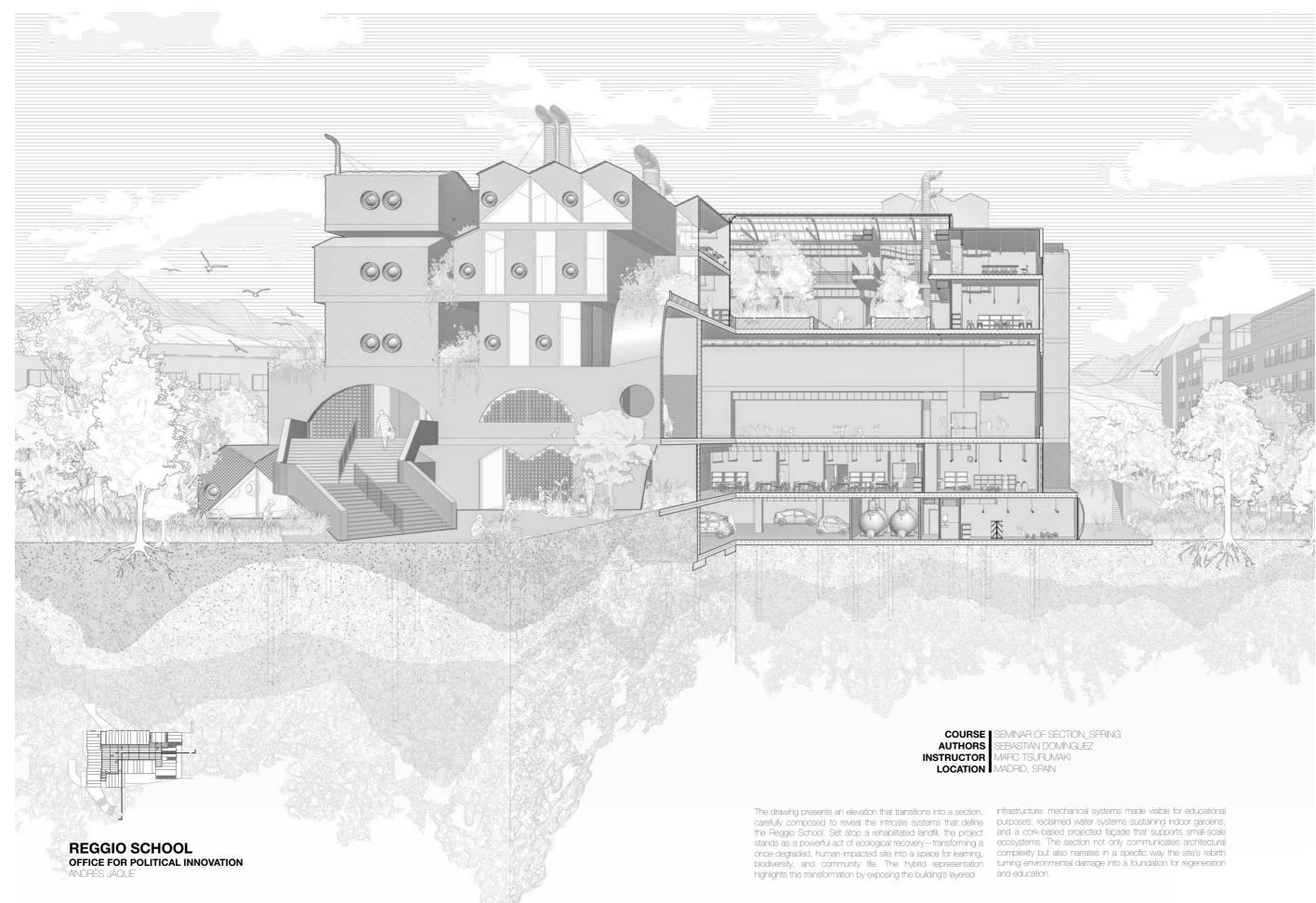
We envision Hansali as a living model of rural regeneration, where the village becomes a closed-loop system of material production, rooted in local knowledge and collective action. From the agricultural fields to the home, the community reclaims its resources, transforming agricultural waste into a carbon-negative building material cultivated with mycelium. This process is not outsourced; it is lived.

Villagers simply cross the street to collect waste in lightweight bags, inoculate it with fungal spores, and, together, grow the very components that shape their homes. In doing so, they don't just construct buildings; they cultivate autonomy, resilience, and a shared future.

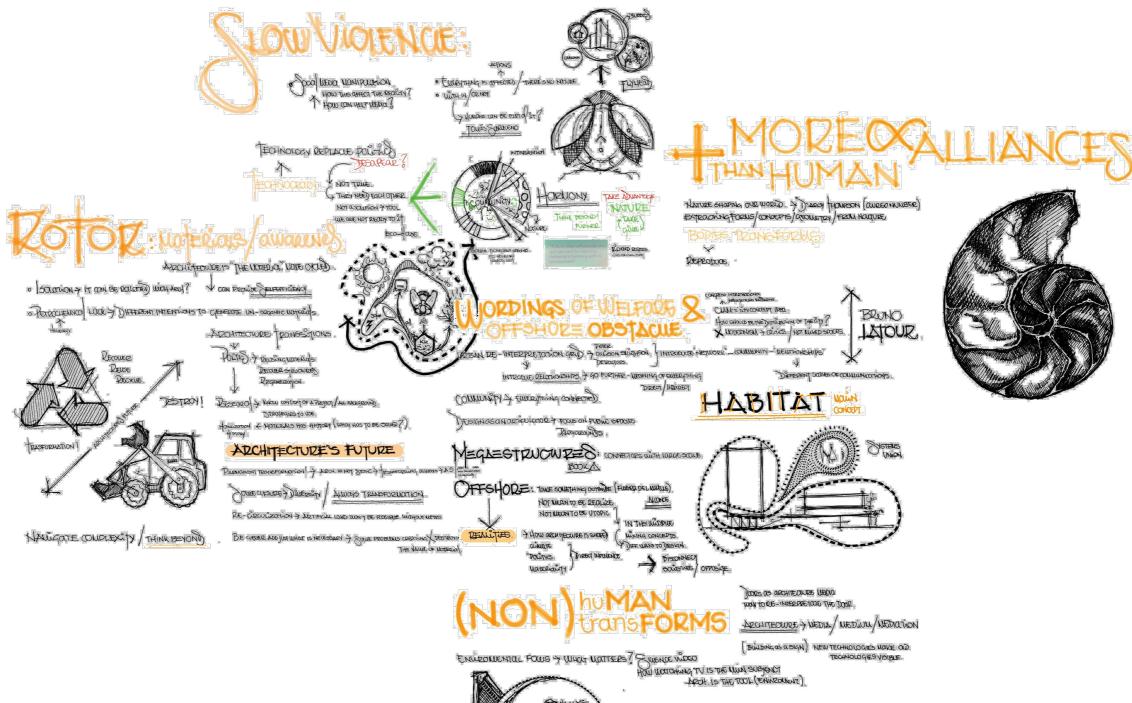
What begins as a simple act, filling a bag becomes a tool for climate action, cultural continuity, and collective empowerment. 1 1 1 1 1 1



1 1 1 1 1 1 1









ENYICOULINTS INDIVIDUAL CONSEPTS BUBBLE LEGUINES BELEDINION OF THE SPACE TELESISTICUTIONS HOLLEIN I SPECIAL CONSECT

Sustainable Food Practices: Balancing Environmental Value and Resource Investment

CLIMAVORE, the innovative project by Cooking Sections, moves away from traditional dietary categories and proposes a diet based on the ability of ingredients to respond to and mitigate human-induced climate events. Its approach transcends traditional dietary categories such as carnivore, omnivore, locavore, vegetarian, and vegan, promoting a diet based on ingredients that minimize climate change, such as seaweeds and filter-feeding mollusks. Through installations like CLIMAVORE: On Tidal Zones, the project not only educates consumers about these sustainable ingredients but also seeks to adapt diets to changing environmental conditions. However, despite its laudable goals, the movement faces significant challenges similar to those encountered by sustainable aquaculture, such as high infrastructure costs and the difficulty of scaling up.¹

CLIMAVORE: On Tidal Zones, situated in the intertidal zone of Bayfield, explores the environmental effects of aquaculture and addresses the changing shores of Portree, Isle of Skye. Each day, during low tide, the installation emerges above the sea and functions as a dining table for humans, offering free tastings of recipes that include ocean cleaners: seaweeds, oysters, clams, and mussels. During high tide, the installation acts as an underwater oyster table. This installation was activated by Cooking Sections in collaboration with various local actors, residents, politicians, and researchers. This collaborative approach highlights the importance of involving a wide range of stakeholders to achieve a significant impact. Additionally, the project also integrated 10 local restaurants that removed farmed salmon from their menus and replaced it with a CLIMAVORE dish, demonstrating how sustainable practices can be adopted at a local level and contributing to the creation of a support network around the initiative. The long-term goal of the project is to explore food practices that address environmental regeneration and promote more responsive aquaculture in an era of human-induced environmental transformations.¹



Fig. 1,2 CLIMAVORE: On Tidal Zones. Cooking Sections, 2017-ongoing. Isle of Skye. Aerial Photo: Nick Middleton. Courtesy of Cooking Sections.

As previously mentioned, the adoption of sustainable aquaculture practices presents significant economic challenges compared to traditional aquaculture. Salmon farms and other forms of intensive aquaculture benefit from economies of scale and optimized production methods that reduce operational costs and offer more competitive prices². In contrast, sustainable aquaculture, as promoted by CLIMAVORE, requires substantial investments in specialized infrastructure, advanced technologies for maintaining water quality, and less intensive cultivation techniques, resulting in higher production costs³.

Despite the long-term ecological benefits that sustainable aquaculture can offer, such as improved water quality and biodiversity, its yields may be lower and prices higher, limiting its market competitiveness⁴. To overcome these economic barriers, government support and subsidies are crucial. These incentives can help bridge the cost gap between traditional and sustainable aquaculture, making sustainable products more accessible to consumers⁵. However, the effectiveness and availability of these subsidies vary by region and local policies, adding a layer of complexity to the widespread implementation of sustainable practices3.

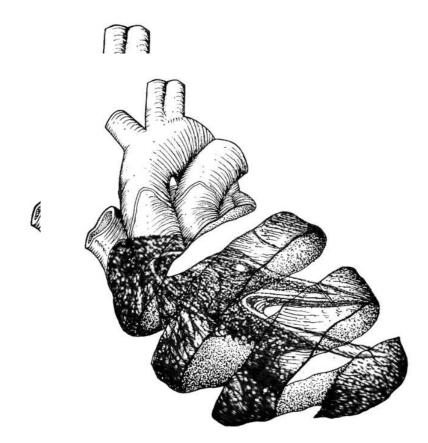
Understanding the economic aspects of organic and conventional aquaculture is crucial, as they influence not only consumer purchasing decisions but also local economies and global markets. Aquaculture practices, guided by the principles of CLIMAVORE, emphasize sustainability and environmental responsibility⁶. These practices adapt to farmers' perspectives, resource availability, and market demands, seeking to increase yields sustainably without compromising water resources7. It's about finding a balance: prioritizing our health, recognizing our environmental responsibilities, and being aware of our economic realities, considering that food has inherent value as nutrition and cultural significance, as well as being commercially viable. After all, the food we choose isn't just about sustenance; it's a statement of our values, beliefs, and hopes for the future.

- European Commission, "Aquaculture Policy," Oceans and fisheries, 2021, https://oceans-and-fisheries.ec.europa.eu/policy/aquaculture policy en#:~text=Through%20the%20strategic%20guidelines%20for.Deal%20and%20the%20Farm%20to.
- May Rosenthal Sloan, "On Cooking Sections," Afterall: A Journal of Art, Context and Enquiry 49 (March 2020): 83-90, https://doi.org/10.1086/709637
- Durham, Timothy C., and Tamás Mizik. "Comparative Economics of Conventional, Organic, and Alternative Agricultural Production Systems." MDPI, April 25, 2021. https://www.mdpi.com/2227-7099/9/2/64#sec3dot2dot3economics-09-00064

aculture: Global Status and Trends | Philosophical Transactions of the Royal Society B: Biological Sciences," The Royal Society Publishing 0. https://royalsocietypublishing.org/doi/10.1098/rstb.2010.0170.

ao, "The State of World Fisheries and Aquaculture 2022," Knowledge Repository, January 1, 1970, https://openknowledge.fao.org/items/ 1a4abd8-4e09-4bef-9c12-900fb4605a02.

M.T. Gibbs et al., "Implementation Barriers to Establishing a Sustainable Coastal Aquaculture Sector," Marine Policy, May 16, 2008, https://www.sciencedirect.com/ science/article/pii/S0308597X08000791? casa_token=x5m0_ZcsqaAAAAA%3AsaJ8jHHzz8Neaf8aCL9SDFzfYm34qp44xPW4whG80DdnO_AYLd6_Y5VM7nv75-N9afbiMIWD.

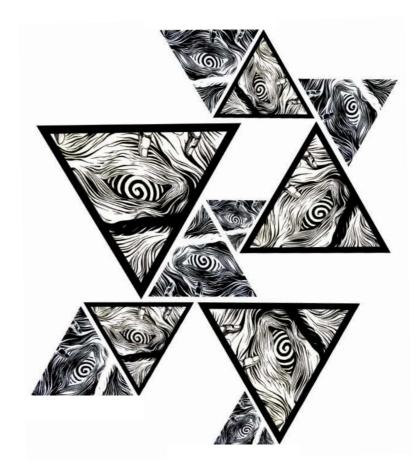


Human existence is marked by a paradox: we crave stability, yet we are immersed in a constant flow of change. Everything that seems solid eventually transforms, unraveling into fragments that give way to new forms. This dynamism not only defines our identity but also shapes our relationships with the environment and other living beings.

Our awareness of this process should foster empathy—not just among ourselves but also toward other species. However, the capitalist mindset has distorted our perception of the world, reducing everything to ownership and utility. We behave as if we own the land, its resources, and even life itself, forgetting that we are merely visitors in an ecosystem that existed long before us and will continue long after we are gone.

This notion of possession distances us from nature and from our own essence, fragmenting us in a futile quest for control. We believe that accumulation guarantees permanence when, in reality, it only delays the inevitable: dissolution, transformation, and change.

Accepting transience does not mean surrendering to chaos but rather finding meaning in interconnectedness. Recognizing that we are not the center but merely a part of the intricate fabric of life allows us to act with greater responsibility. Only when we understand that what we claim to own was never truly ours can we begin to live with greater awareness and respect for the world around us.



After an incredible lecture and presentation of Sarah's work, I was undoubtedly inspired to view movement and the articulations that shape our realities in a completely new way. Inspired on that, the image, composed of triangles enclosing hypnotic eyes amidst flowing, wave-like lines, evokes a sense of constant movement and rotation. Each fragment appears to be part of a system operating under its own internal logic-like cogs in an invisible machine. Within this context, the work of artist Sarah can be seen as the creation of her own systems, where the user is not merely an observer but an active participant in the experience. Her compositions act as extensions of the body: the eyes see but are also seen, they multiply, connect, and rotate in an endless cycle.

This leads us to reflect on how we too are immersed in systems of motion in everyday life. The subway, telecommunications, social behaviors... all are dynamic structures we engage with almost automatically. Just as Sarah designs her own systems and experiences, who designs ours? Are they human creations that have evolved over time, or are they inevitable manifestations of a predetermined reality?

We move within social gears, collective decisions, and algorithms that sometimes seem to possess a will of their own. This artwork, with its hypnotic and repetitive pattern, invites us to question whether we can break free from these systems or if we are doomed to endlessly spin within them. Will we ever be able to choose with complete freedom? Perhaps the key lies in becoming aware of our position within these networks—understanding that even if we didn't create them directly, we can still reshape them. Just as Sarah creates experiences through art, we too can redesign the experiences that shape our lives.

CONVERSATION SERIES SARA OPPENHEIMER

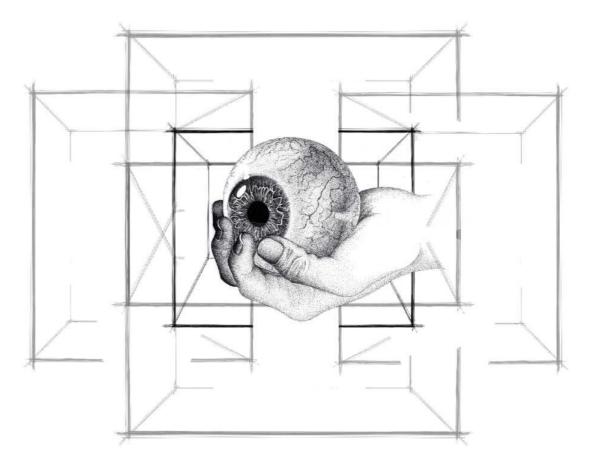


After an incredible presentation by Kambui and his approach to every challenge that his exhibitions generate, I am left with certain key insights that were repeatedly reflected and that he himself highlighted throughout his explanation of his installations and projects. *Jump in the dark, break the boundaries, try back and forth, we are not experts on ourselves, and last but not least, we are the result of the collective.*

Hearing this, I couldn't help but think about something I call *"mental ticks"*: self-imposed restrictions, prejudices, fears, or rigid thought patterns that confine us within pre-established boundaries. We believe we can only see what immediate evidence, reading, or listening reveals to us, but in reality, these narrow beliefs keep us bound to a partial view of reality. We live within those limits, thinking we are seeing the full picture, when in fact, we are only looking through a lens distorted by our own limiting beliefs. Inspired by this, I revisited a drawing I made eight years ago that perfectly represents this idea, adding certain elements that can be interpreted freely—symbolizing an attempt to break barriers.

Breaking those barriers would mean recognizing that what we think we "know" is not necessarily the entirety of what exists. Just as a tick is released when it is pulled from the skin, mental limitations only dissolve when we question them and allow ourselves to look beyond the obvious—through introspection and openness to the unknown. The mind expands when it dares to explore territories beyond the familiar, challenging stagnant and fixed ideas.

By doing so, we can begin to know ourselves beyond the superficial layers of what we perceive through the senses. Beyond words, established teachings, and social conventions lies a deeper understanding of who we truly are—beings with an infinite capacity to grow, question, and reinvent ourselves. Thus, the act of removing the mental tick can symbolize a process of liberation, in which we shed imposed limitations and embrace a journey toward deeper selfknowledge, where we can gain a broader perspective and connect with our purest essence.



Olivia presented the different scenarios available for expressing her ideas in a very engaging way. Through various techniques, she has created multiple interpretations and reinterpretations of familiar or personally significant themes, taking them a step further through her unique perspective. This, to me, was the most important aspect of her work: she places a strong emphasis on the concept of perception and how it shapes each of our realities.

This image symbolizes perception as a starting point for exploring the unknown and transforming our reality. The eye, separated from the body and held in a hand, represents the fragility of what we believe we know and how our view of the world can either break or expand. The cracks in the eye suggest that perception is not absolute but rather flexible and subject to change.

The hand holding it symbolizes control and the human ability to redirect how we interpret reality. We do not merely observe the world—we also shape it through our perception. In the background, the geometric structure serves as a conceptual framework that organizes our understanding of the environment. However, its fading lines hint that this construction is not fixed; it can be redefined as we expand our vision.

Ultimately, after hearing her inspiring account and perspective, one is invited to question the limits of perception and embrace the unknown as an opportunity for growth. It reminds us that our way of seeing the world can be radically transformed if we dare to challenge the familiar, opening possibilities to venture into the unknown or irreversibly redefine what we thought we understood.

