

# Tanya Maneein

*WORK SAMPLE 2017-2022*



**J. ROBERT AND BARBARA A. HILLIER  
COLLEGE OF ARCHITECTURE AND DESIGN**

25 September 2023

**Recommendation for Tanya Maneein**

To Whom It May Concern:

I am delighted to offer a reference on behalf of **Tanya Maneein**. I have known Tanya for over four years and have had the opportunity to witness her growth as both her professor and mentor. She consistently demonstrated a strong passion and showed exceptional talent in every project she undertook at New Jersey Institute of Technology. This earned Tanya two endowed scholarships for design excellence during her time here.

Tanya showed her greatest strength during a summer housing studio in 2019 in which she led a team to think critically about gentrification in East Flatbush, Brooklyn. By crafting a complex, mixed-income housing project that incorporated both commercial and retail tenants, Tanya balanced aesthetics, efficiency, and amenities amid an overarching desire to sustain the growth of the host community. Moreover, she often went beyond the requirements of the projects by taking initiative to conduct extensive research to support her group's design decisions, resulting in a well-informed solution.

In addition to her prodigious technical skills, Tanya is an excellent and effective communicator who works well collaboratively. Her ability to lead her team while actively listening to other's perspectives and incorporating them into the final design is testament to both her professionalism and her dedication to always achieving the best possible outcome.

I have no doubt that Tanya will be an asset to your firm. She possesses all the qualities necessary to accomplish high quality design as an effective team member. Her dedication, passion, and enthusiasm for architecture will make her a highly successful architectural practitioner.

Thank you for your time and consideration of Tanya's application. I recommend her to you without reservation. Please feel free to reach out to me for any further endorsement.

Sincerely,

A handwritten signature in black ink that reads "D. Sollohub". The signature is stylized and written in a cursive-like font.

Darius Sollohub AIA  
Professor of Architecture  
Interim Chair, New Jersey School of Architecture  
Hillier College of Architecture and Design at NJIT

# Tanya Maneein

Born and raised in Thailand

## CONTACT

tanyamaneein@gmail.com

832.857.2114  
Union, New Jersey, 07083

## EDUCATION

New Jersey Institute of Technology  
Bachelor of Architecture  
Cum Laude  
Graduated 2019

Assumption University  
Bachelor of Architecture  
Bangkok Thailand  
Transferred 2012-2015

## SKILLS

Rhino (Vray)  
Autocad  
Revit  
Adobe Suite  
Model Making  
3D Printing  
Microsoft Office

## LANGUAGE

English  
Fluent: Speak/Read/Write  
Thai  
Fluent: Speak/Read/Write

## PROFESSIONAL EXPERIENCE

*Agency — Agency, LLC*  
*Architecture Designer, Sept 2021 - Dec 2022*

Closely assisted on exhibition designs, interior renovation both residential and commercial from SD - CD. Aid in design proposal for both built project and urban design proposal competition.

*GLO Architecture & Design*  
*Architecture Designer, Aug 2020 - Sept 2021*

*Spark of Hudson*, renovation learning + community development center. Assisted on multiple element of the project from; developing marketing visual image, to drafting construction document and material resourcing.

*Julian Palacio Architect (JPAS)*  
*Intern, May - Oct 2018 / Aug 2019 - Feb 2020*

Worked in multiple projects range from pavilion to residential house. Assisted in development of design concept from digital model to physical model. Create various drawings of plans, section, elevation site analysis and diagrams. Composed and render a high quality rendering using Rhino(Vray).

*Lecavalier R + D*  
*Intern, Dec 2017 - Jan 2018*

MoMa PS1 Young Architect Competition: Production team "Shelf Life"  
Collaboration with teams in model making assembly.

## RECOGNITION

Rothe-Johnson Fantacone / Fletcher Thompson Endowed Scholarship  
Year 2018  
Student selected for design excellence

Armand Berliner Mathematics Endowed Scholarship  
Year 2017  
Student selected for design excellence

## REFERENCES

**Tei Carpenter**  
Founder | Agency—Agency  
Contact: tei@agency-agency.com

**Jesse LeCavalier**  
Director | LeCAVALIER R + D  
Contact: info@jesse-lecavalier.com

**Julian Palacio, AIA, LEED AP**  
Founder | JPAS  
Contact: julian@jpastudio.com

**Darius Sollohub, AIA**  
Professor of Architecture / Interim Chair, NJIT  
Contact: sollhub@njit.edu

# Contents:

## STUDENT WORK

- p. 6 Aggregation+ | *Architecture Studio III - Fall 2017*
- p. 8 Dissection + Assembly | *Architecture Studio IV - Spring 2018*
- p. 14 UN/Wanted | *Fall 2018*
- p. 22 The Nostrand Housing | *Summer 2019*

## PROFESSIONAL WORK

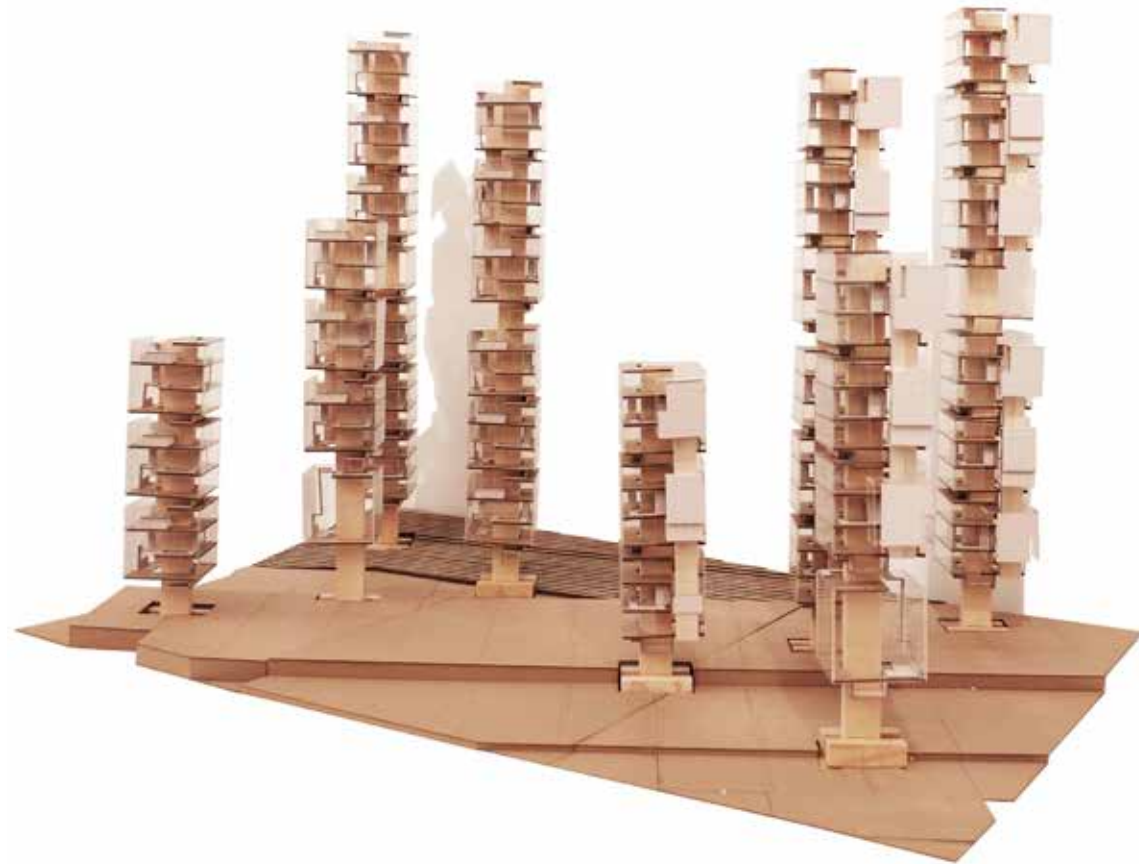
- p. 30 Refugio | *Subachoque, Colombia (Pavilion)*
- p.32 Maison Guereo | *Dakar, Senegal (Residential)*
- p. 38 The Spark of Hudson | *Hudson, NY (Community Center)*
- p.42 Book House | *Xinyang, China (Library/Community Center)*
- p.44 58th Carnegie International | *Pittsburgh, PA (Exhibition Design)*
- p.50 538 N Western Gallery | *Los Angeles (Interior Renovation)*
- p.52 'New Public Hydrant' MoMa New Publics New York | *NY (Exhibition Design)*
- p.54 Bentway Dan Leckie Lakeshore | *Toronto, Ontario (Urban Design Proposal)*

# Aggregation+

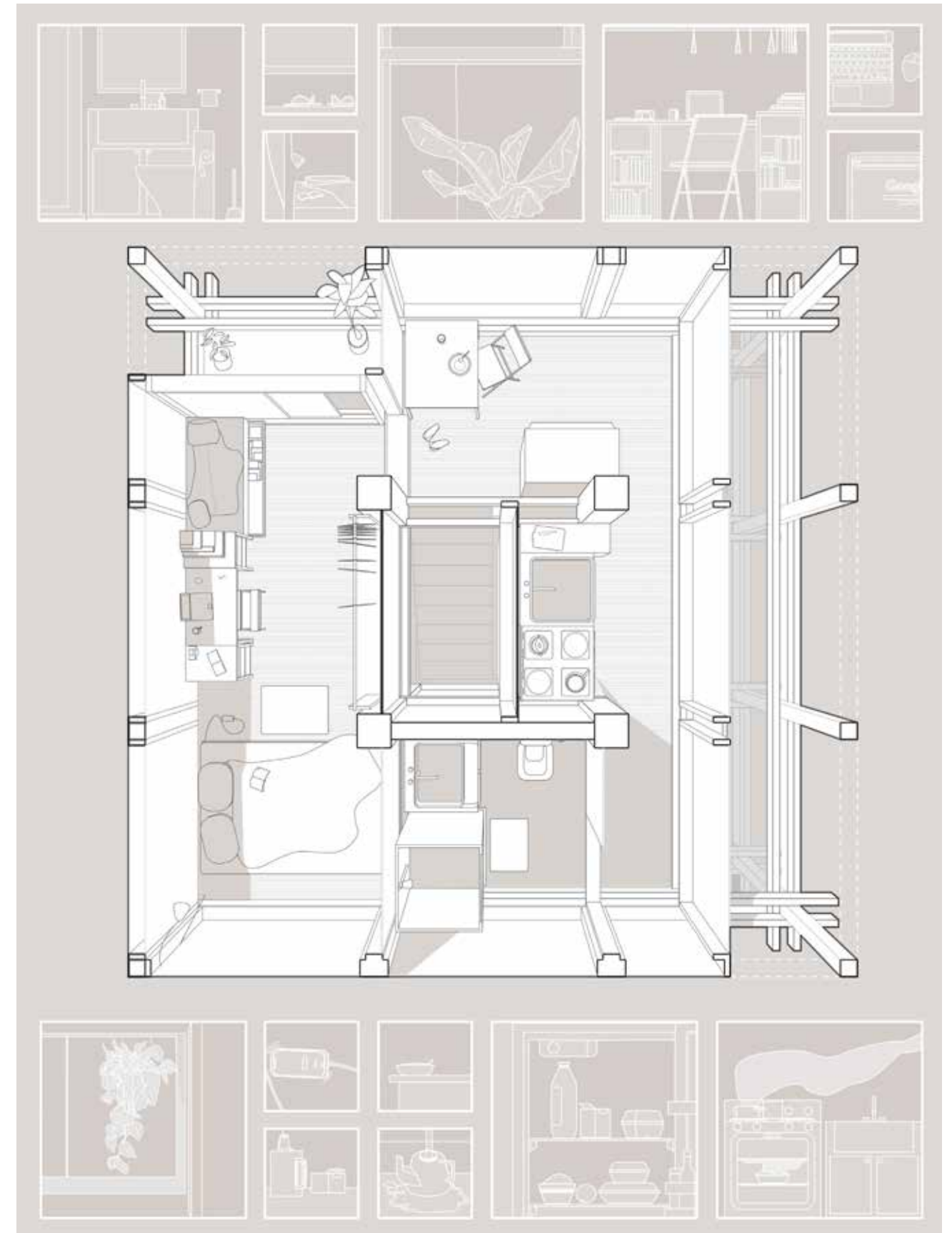
Type: Collective Housing / Area: 64,800 sq ft / Location: Roosevelt Island, NYC | Architecture Studio III - Fall 2017  
 Critic: William Prince + Sandy Moore

This studio explores collective housing in various aspects of housing project, from micro scale defining what 'living environment' meant for each individual inhabitant to macro scale in how housing fits in a growing city. The exploration begins as a continuation of the spatial discoveries from volume to space. The translation from abstract spaces and strategies into spaces for inhabitation discovered through interwoven space. Understanding how human inhabitation would occupy the space as they customize the space to suit their needs. To personalize the module units are designed in methods of choice to be used by individuals for creating and positioning the living space they wanted. These living units would be incorporated into large supporting structures or space frames. The supporting structure 'core' would help reduce the impact on the ground. The surrounding environment could therefore continue to grow without any increase in land use or the need to demolish existing conditions on the ground.

Introduce the idea of flexibility is not only to serve a prefabrication construction of the changing needs of inhabitants, but also to show how towers can have a network relations with each other as a community. By learning typologies of how housing comes together as an organization of living environment that relies on a hybrid of horizontal and vertical system order, that addresses fundamental issues of collective housing, and also raise disciplinary question about the consequences of building on intensively in height focusing on its relationship with the ground and sky (vertical tension). Turning the flexibility idea into a form of universal structure 'Surfaces'. A kind of all-consuming structure, a surface of hyper-connectivity and networked. Flexibility of surface system serves from Micro scale as active used to create kinds of furniture. A uniform component allows different type of arrangement to transform into particular function for each individual. Continuation of this surface as spatial structure, to macro scale as supporting structure as well.



Roosevelt Island, New York City



# Dissection + Assembly

Type: Health Clinic / Location: Roosevelt Island, NYC | Architecture Studio IV - Spring 2018  
 Critic: Maria Hurtado de Mendoza

Health clinic project started a fundamental concept in understanding 'Dissection + Assembly' in simple pattern as a rule. Dissecting patterns to understand each of the components to reassemble in order to discover different spatial experience in each assembly. 'Light in Space' is a major component in assembling modules together to formulate an aggregation. In this case structural component of 'House' typology consisted in simple geometric which were dissected and deconstructed in a new form to create a new typology 'Lightwell' is formed with shade under the roof. Exploration of paired 'House' as the module aggregating to discover special spatial condition as: 'Open', 'Under Roof' and 'In Shade'.

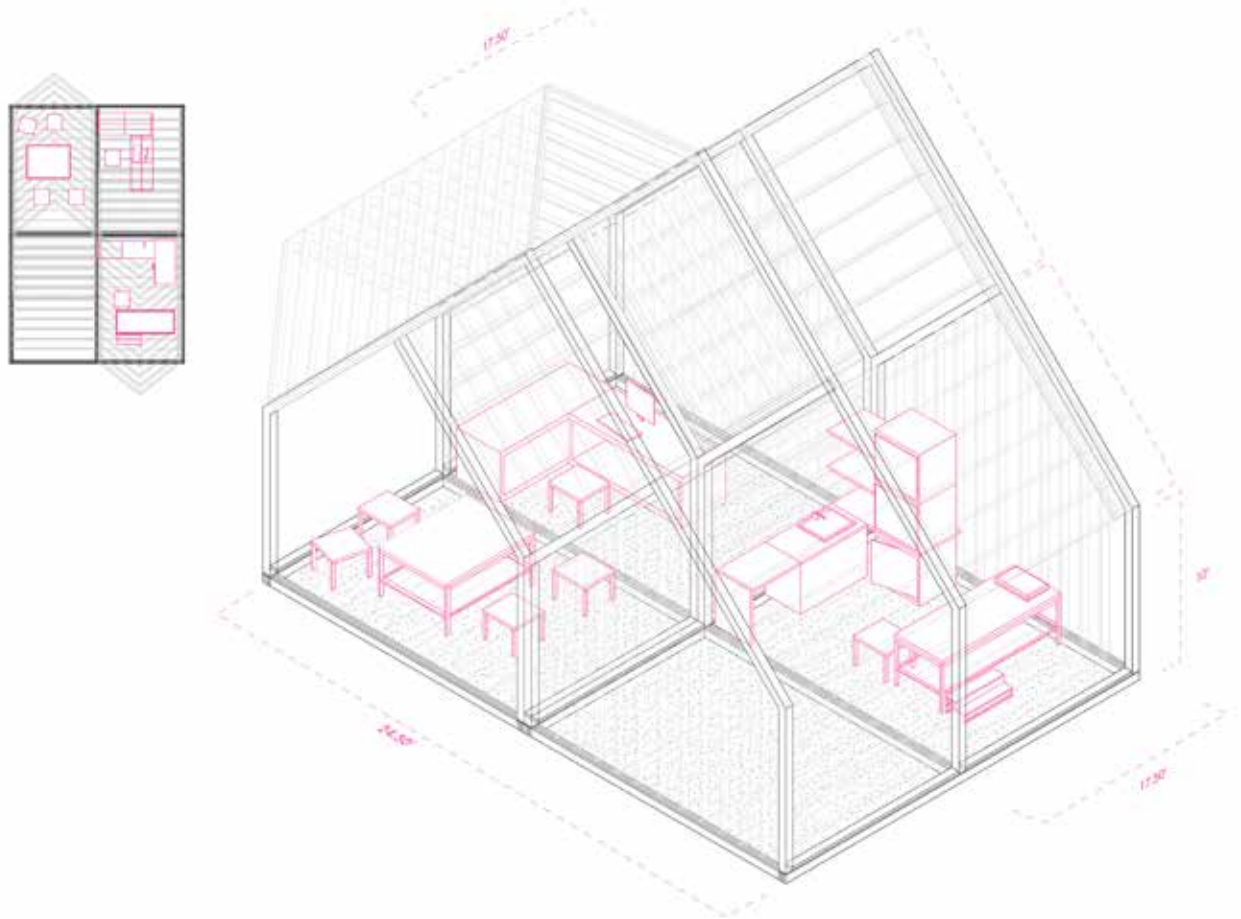
Rationalizing each assembly function in these spatial condition to be suited to each program. Pockets of open space will be serve as pocket gardens. Space under the roof will be main program which need enclosed space such as examination room. Circulation is predetermined as the lightwell openings follows the path in each row section. Room is in the space area 'Under-the-Roof' condition is collective together in pair Non-programmatic area as waiting rooms, is in the ambiguity spaces extension from under the shaded space area.

Focusing on interlaced structure can reduce architecture to its necessary elements, making of construction a rational deployment of materials. Thus, the architectural object is transformed into a coherent whole form which nothing can be withdrawn. The individual element that as one construct the architectural form are merged together, transforming it into a weaved object. The weave creates a pattern that works towards an abstraction of the structural system where each part is linked to each other in interdependent relations.

Three Major Structure involves with:

Primary frames, Secondary frames, and Planes or Cladding differs to programing function where it needs to be enclosed. The characteristic parts and their position within the structure are not differentiated in order to lead to a homogeneous substance. This is expressed in a continuous texture directly lined to the continuity of the structural organization. The constituents manifest themselves together through the expressive nature of the overall form, while transforming the construction into an aesthetic and cultural act, beyond its material necessities. Construction process of the design is the key element. Repetition of layering

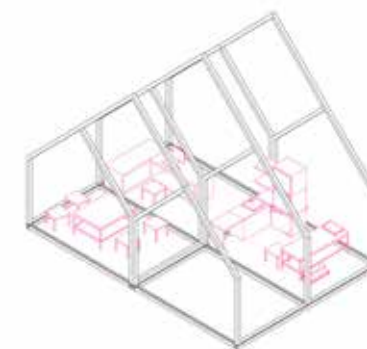
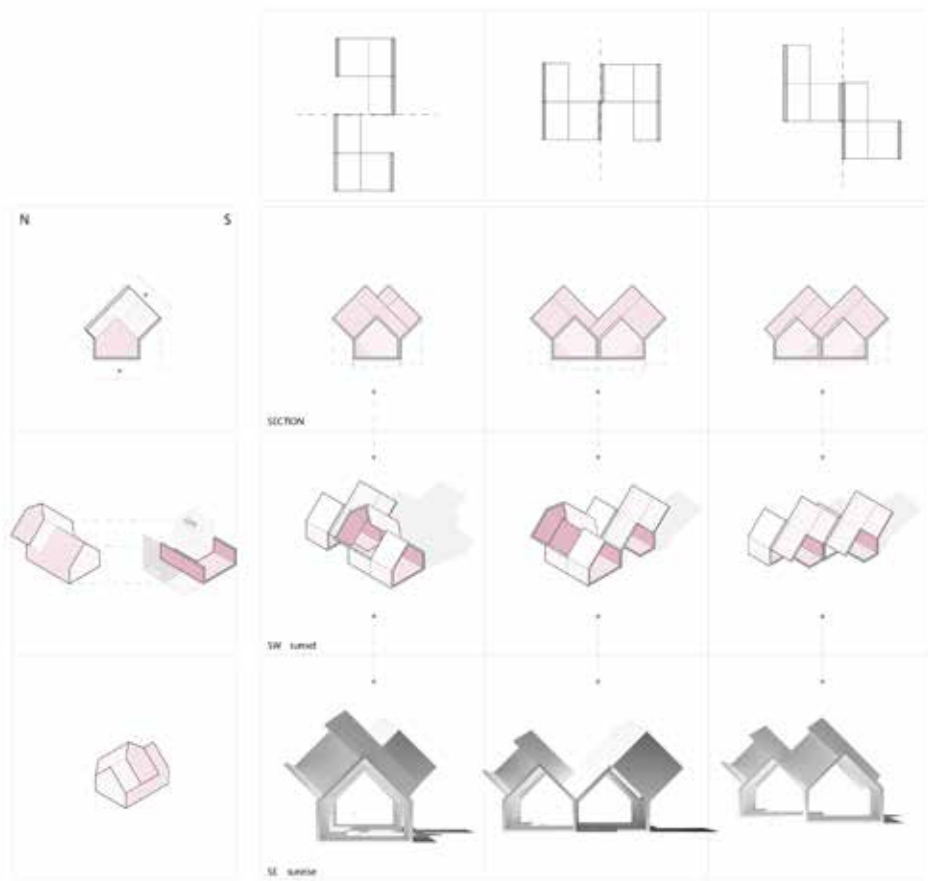




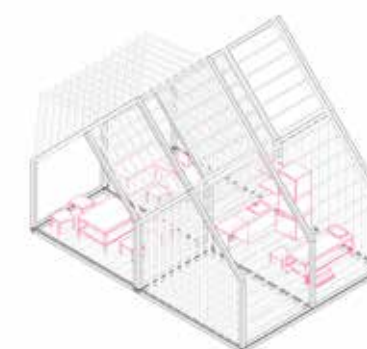
*In this case structural component of 'House' style of wood balloon framing house.*

*typology consisted in simple geometric which were dissected and deconstructed in a new form to create a new typology 'Lightwell' is formed with shade under the roof.*

*Exploration of paired 'House' module aggregating to discover special spatial condition as: 'Open', 'Under Roof' and 'In Shade'.*



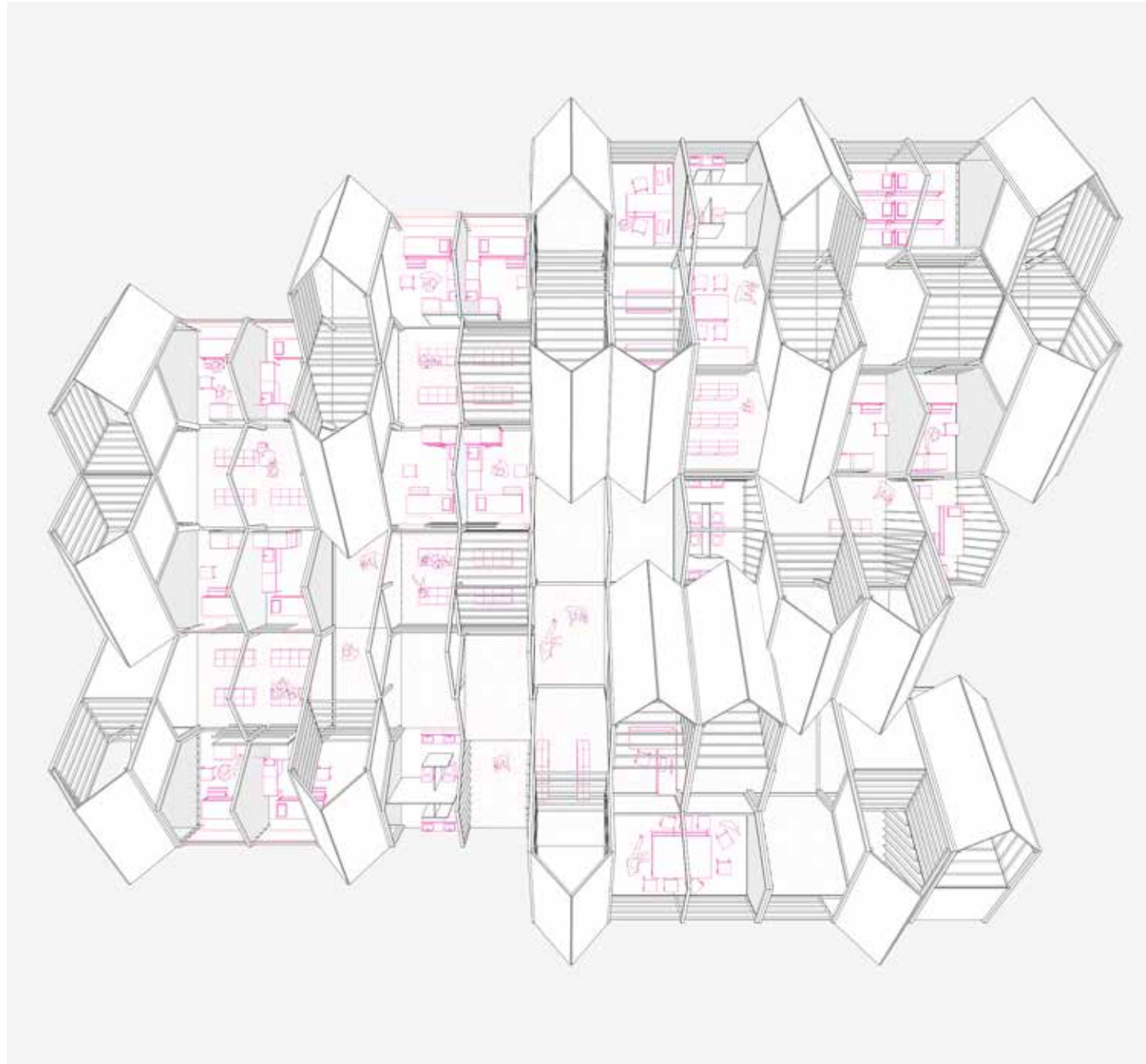
*Primary frames: Structure*



*Secondary frames: Studs*



*Planes: Cladding  
Differ to programing where enclosure is needed*



*Three Major Structure involves with: Primary frames, Secondary frames, and Planes or Cladding differs to programing function where it needs to be enclosed. The characteristic parts and their position within the structure are not differentiated in order to lead to a homogeneous substance. This is expressed in a continuous texture directly lined to the continuity of the structural organization. The constituents manifest themselves together through the expressive nature of the overall form, while transforming the construction into an aesthetic and cultural act, beyond its material necessities.*



# UN/WANTED

Type: Unwanted Infrastructure + Hotel/ Location: Manhattan, New York / Fall 2018 / Critic: Jesse LeCavalier

The studio investigates the possibilities for reintroducing historically unwanted infrastructure (in this case 'the future') set in the incredible dense Manhattan, New York City. The possibility of Drone introducing as a delivery system has been emerging more realistically in these past few years. Amazon delivery system of Now Prime deliver system shorten to hours. Distribution center has been commission in Long Island city. Studying the Drone Hub system plug-in in a dense urban area, the possibility of their condition, limitations, inputs, outputs, structure and aesthetics, designing a reroute ways to operate in increasingly constraining conditions. The goal is to not make average looking design proposal but use these technique to arrive somewhere unexpected but nonetheless consequent.

The studio begins with interrelated investigations: the first looks at Drone patent and fulfillment center delivery infrastructure systems in order to understand the extents of their processes, including the material inputs, outputs, exchanges, and transformations; the second is a series of design explorations that will explore techniques of the unwanted (e.g. combine multiple plans into one "average plan", etc.) developed a systems diagrams as well as initial massing and organization strategies.

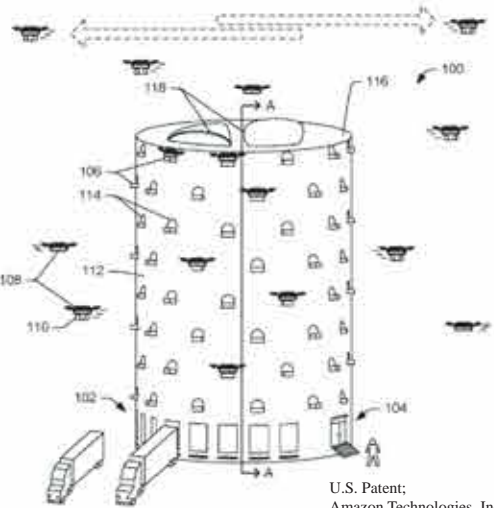
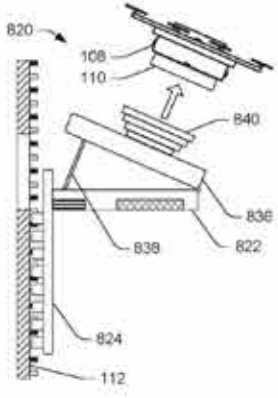
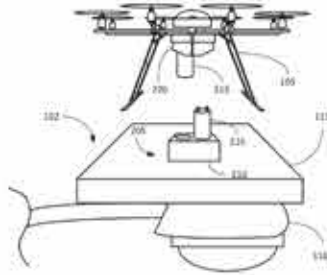
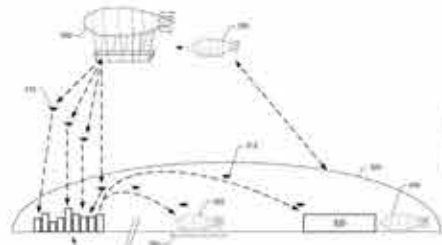
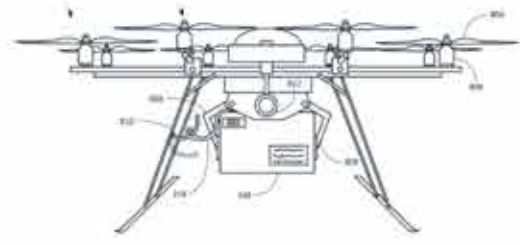
The studio folds in site and program. The site is an urban condition that necessitates an engagement with some form of public. In order to test the hybrid possibilities of each different variation incorporate a small hotel into the mix. Set on Hudson River the infrastructure is lift up to give the ground area back to the public as open green space, also creates a route for trucks and shipment to deliver in large quantities to both on land and on water.

Algorithm will read Package Box are as equal value as Human Guest in this hybrid hotel. Different type of box/different size of guest for the hotel as use as measures for the Chimney Tubes. These chimney tubes suspended by a steel frames serves multiple use as storages/room and platform for drone to launch are in various size and shapes according to drone types and sizes. The flexibility of interchanging tubes would serve during inputs and outputs of human and packages should increase or decrease depends on the season of consumer spike or increase in tourism such as the holidays or major events.

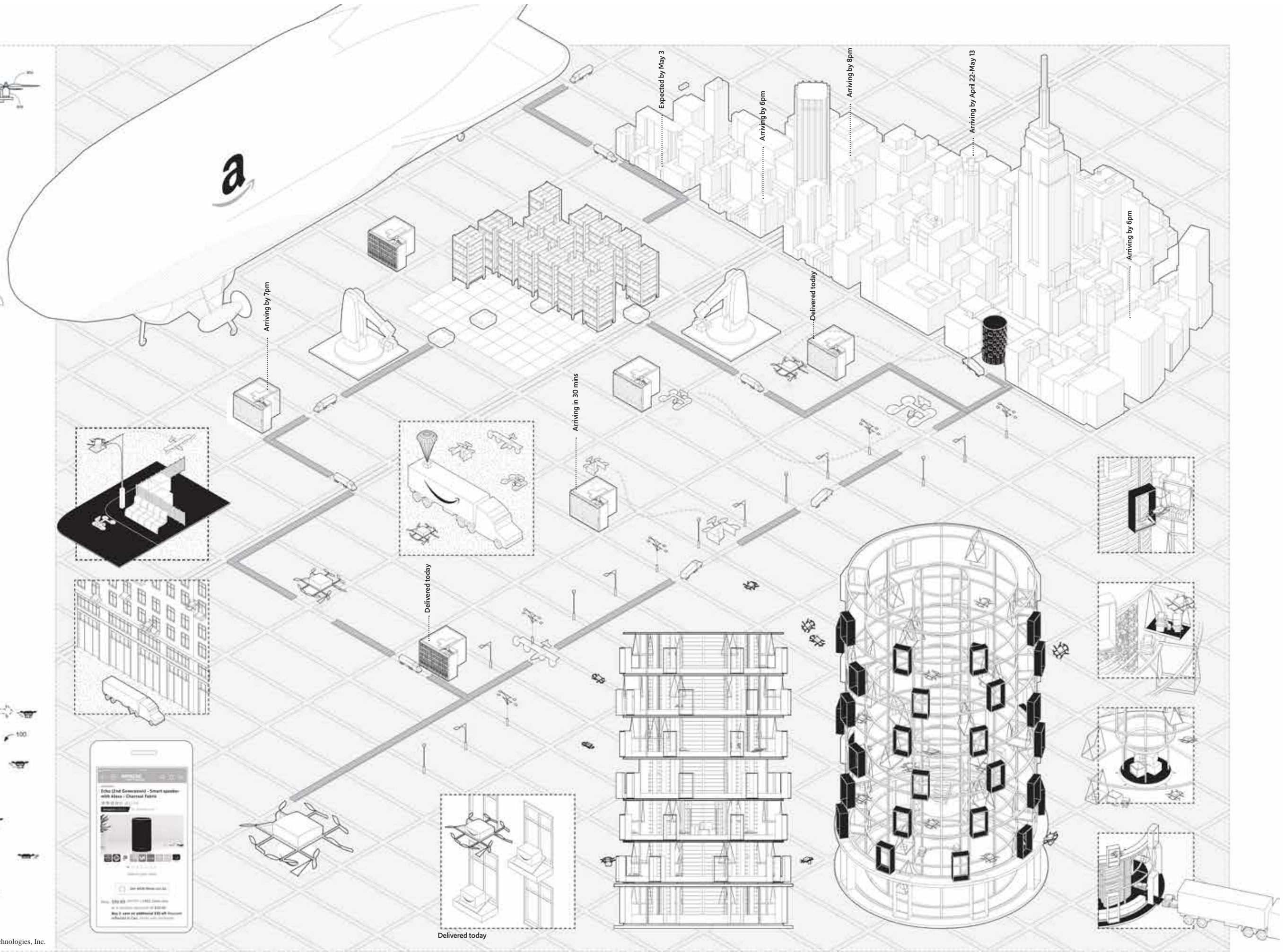


*(Unwanted Infrastructure + Hotel) x Undesirable Technique x Urban Site = Seductive Infrastructural-Architectural Hybrid*

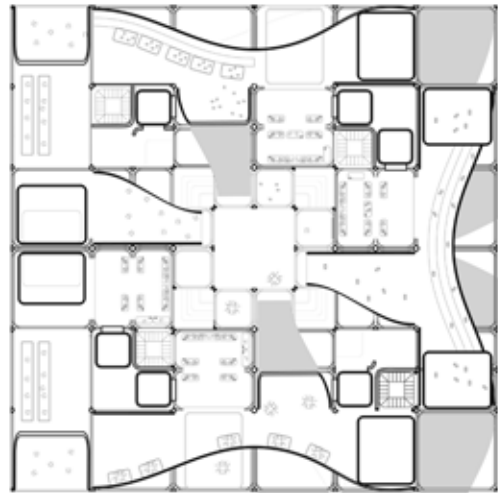




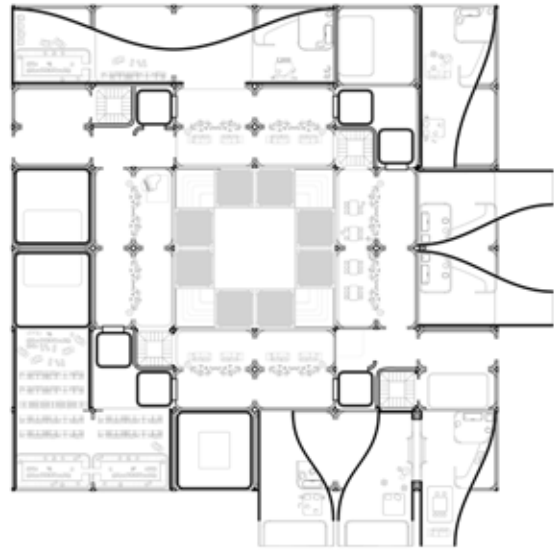
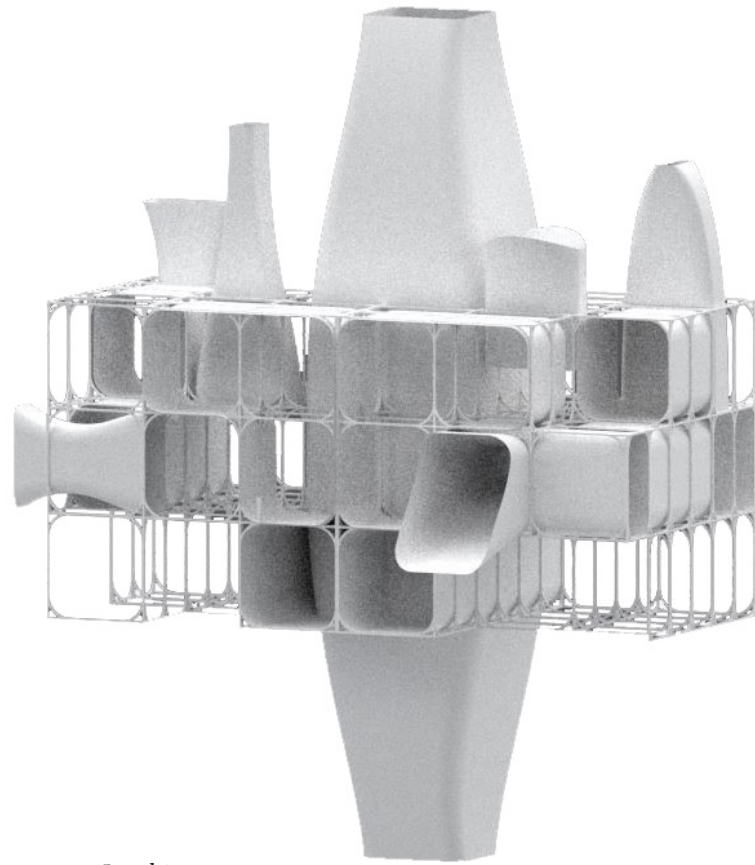
U.S. Patent:  
Amazon Technologies, Inc.



Delivered today



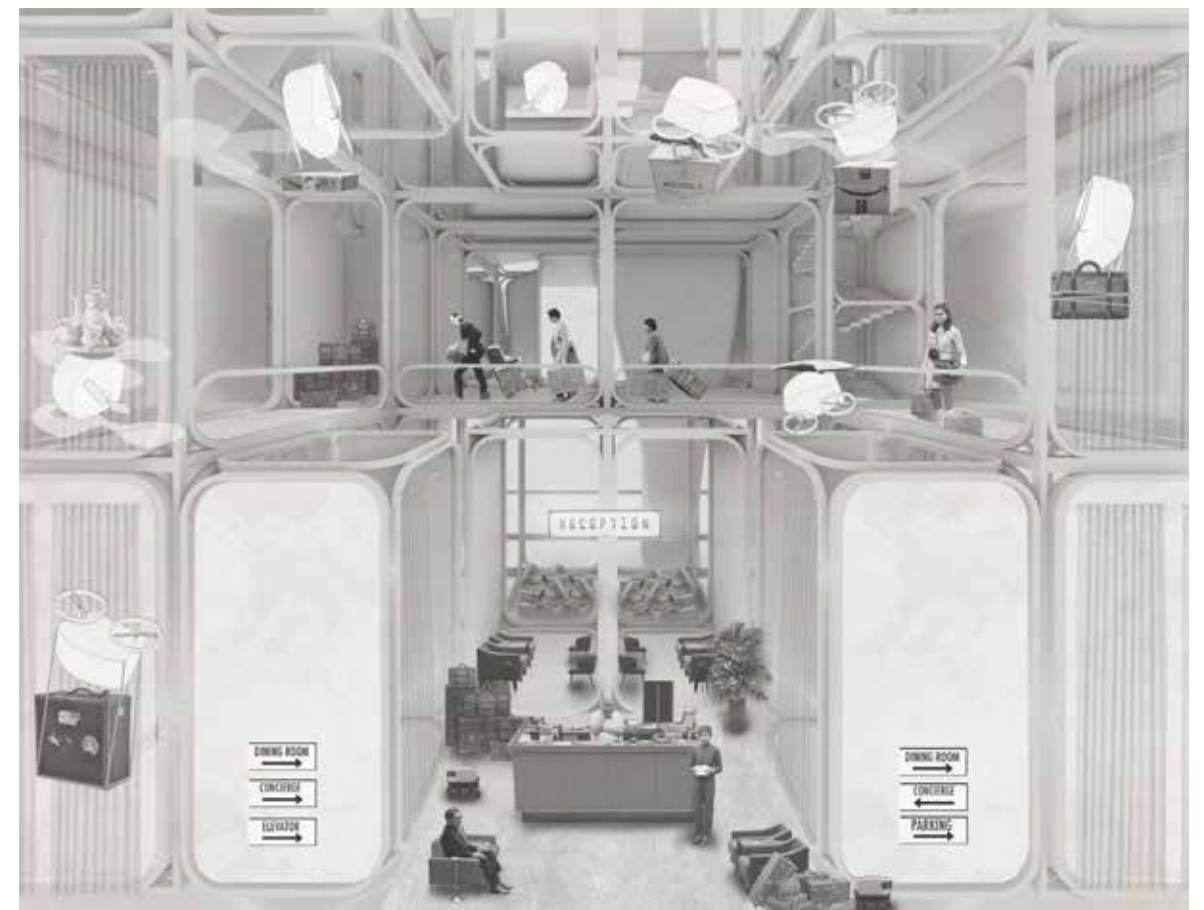
*Level 3:  
Drone hub facilities where drone system are maintain and distributed for task. Drones deliver the packages existing 'Chimney-Tube'.*



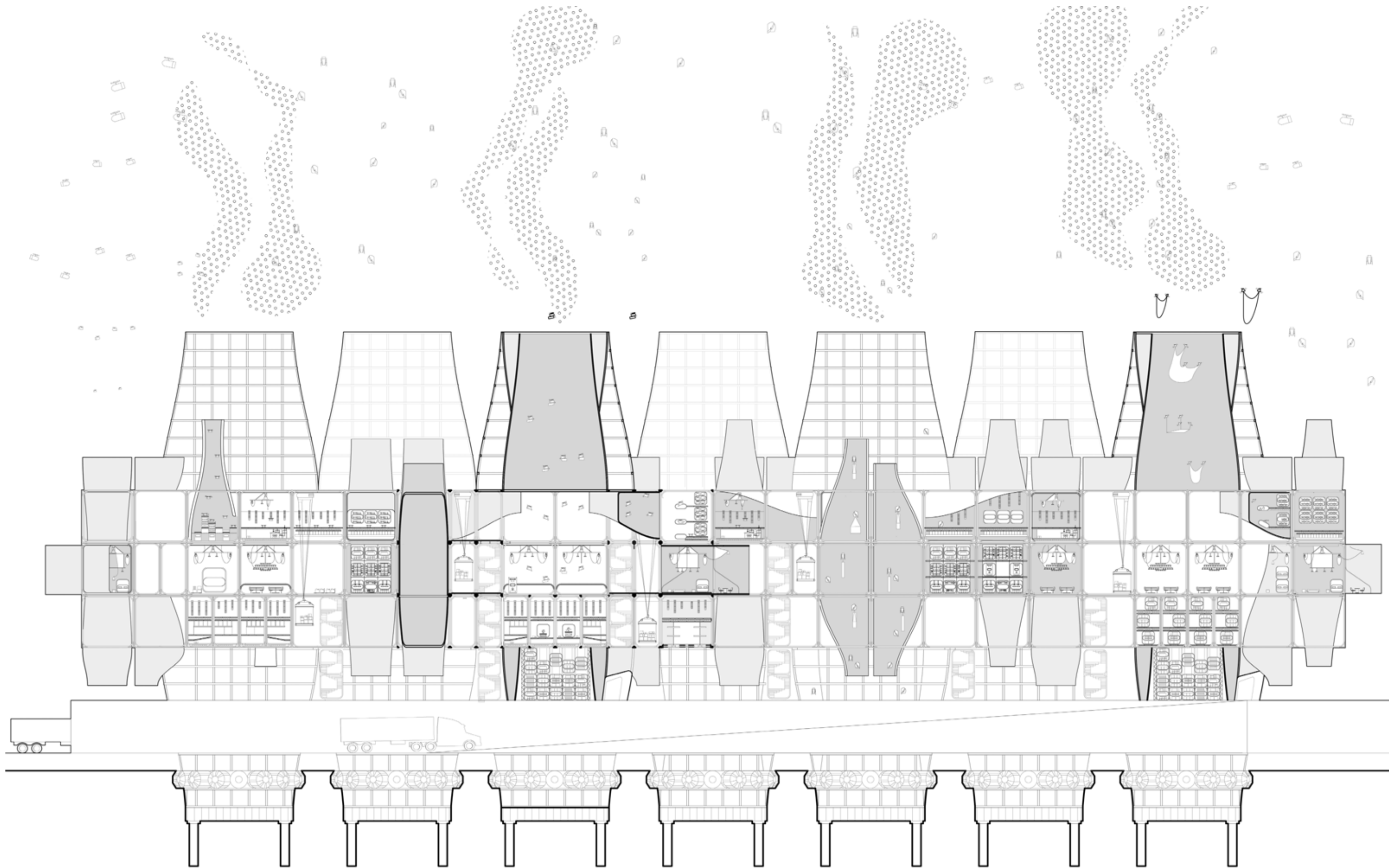
*Level 2:  
Package/Human be stored in rooms in each of their own size (Box) or room types (Suits, Double, Single)*



*Level 1:  
Conveyor belt sort package/ humans received from stores to different storage room categorize in size*



*(Drone Fulfillment Distribution Center + Hotel) x Chimney Storage Tubes x Hudson River Site = Un/Wanted Hybrid*



# The Nostrand Housing

Type: Affordable Housing / Location: East Flatbush, Brooklyn / Summer 2019 / Critic: Darius Sollohub

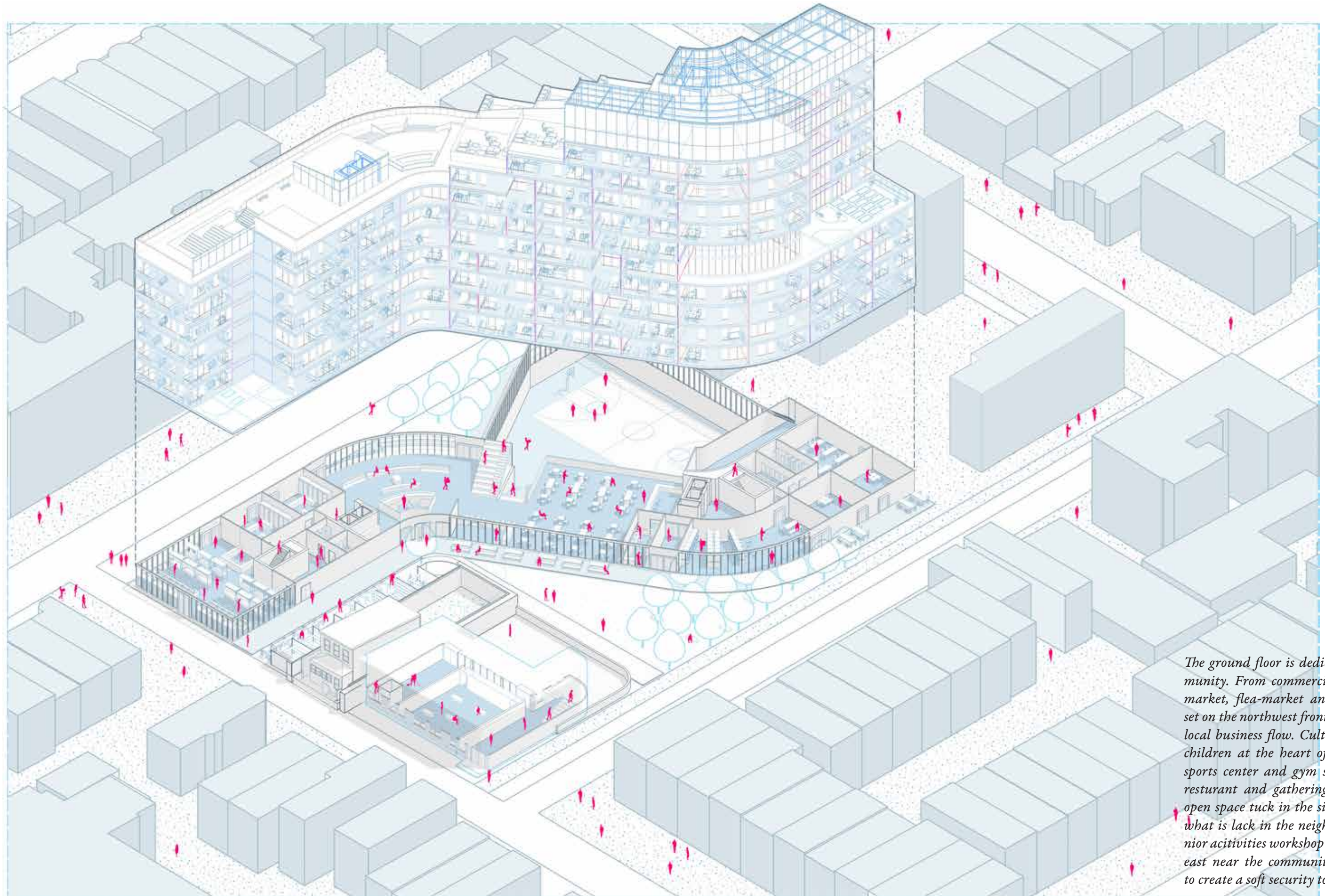
The Nostrand Avenue Development in East Flatbush Brooklyn will include mixed-income housing, commercial/retail tenants, and community spaces with an emphasis on developing solutions to simultaneously sustain and grow the community. The project articulated comprehensive strategies that seek to integrate varying housing typologies to foster diplomacy between tenants, homeowners, and the community. To develop a strategy in this following scenario:

"A local developer has purchased a block of vacant houses in the Flatbush neighborhood of Brooklyn and plans to create a mixed-income residential development that includes commercial, retail and community spaces. To address the city's depleting housing stock, the project must maximize the number of residential units and provide multiple housing typologies. In the residential portion, approximately 20% of units should be independent senior living, 30% of units should be designated as affordable housing, and 50% of units may be market rate. The developer was able to purchase all but one of the properties on the lot. Propose a design solution that navigates the development of the site with this homeowner in mind."

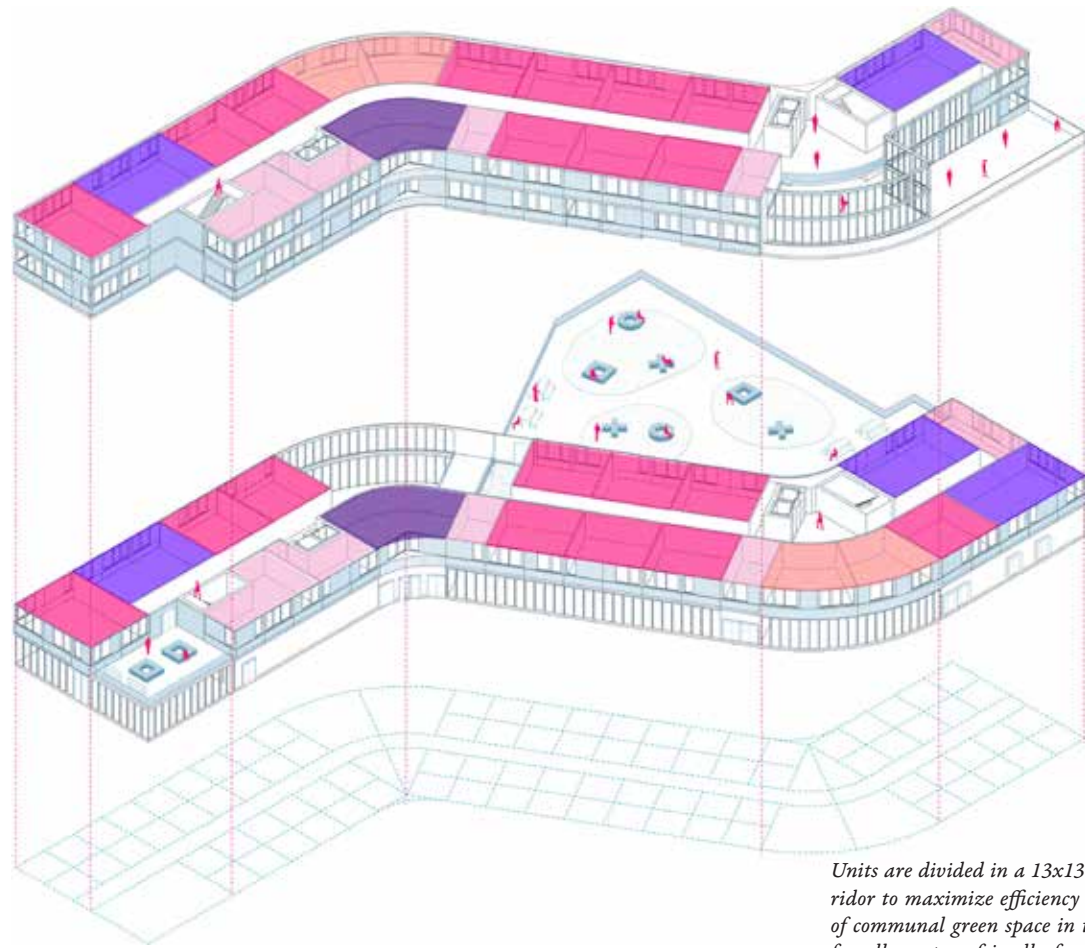
This twelve story residential element rests on top of the market and will house approximately 185 apartments. It will also include space dedicated for use by a locally-based, nonprofit community group that provides central support for both the market and community at large.

The building form allows a clear open space on both sides of the site for public to welcome the community. A sense of belonging and ownership of the neighbourhood. This structure seamlessly melds a vibrant and supportive retail atmosphere with a soaring residential space that encourages the aspirations of its occupants. The comprehensive redesign incorporates the rich Caribbean-American neighborhood flavor, while re-positioning the market as a center of community activity and commerce. This developed the entire ground floor for commercial and cultural youth center for the community creates an transparent welcoming and ownership to the people in the community. Also Respond to needs of current residents also preserve the outdoor market space at the on both side of the site and make use of a proposed open green space pocket for families and children as well as provide a natural delineation between commercial and residential components.





*The ground floor is dedicated the community. From commercial use of fresh market, flea-market and bodegas are set on the northwest front to maintain a local business flow. Cultural center for children at the heart of the building, sports center and gym set below with restaurant and gathering space. Green open space tuck in the site to give back what is lack in the neighbourhood. Senior activities workshop space at south-east near the community laundromat to create a soft security to the area*



Units are divided in a 13x13 grid in a double corridor to maximize efficiency to each level. Pockets of communal green space in the building provides for all create a friendly familiarity environment for the tenants in every floor to illiminate segregation in affordable units and commercial units.

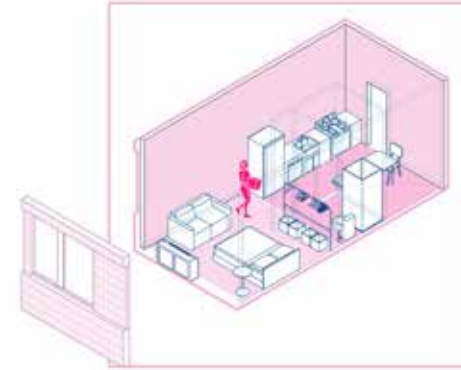


Unit Floor Plan 5th Floor



Roof Plan 12th Floor

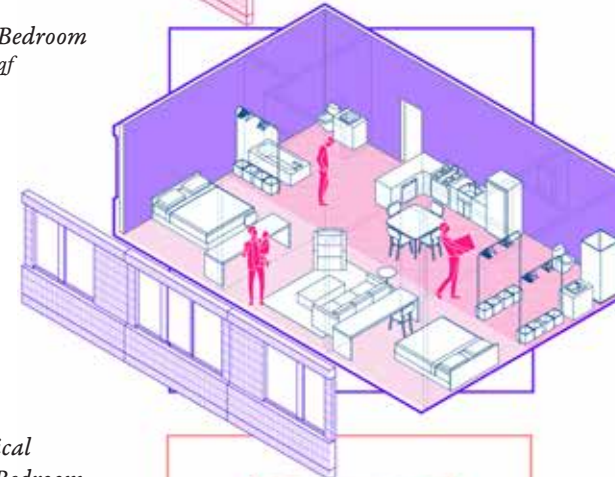
Studio  
340 sqf



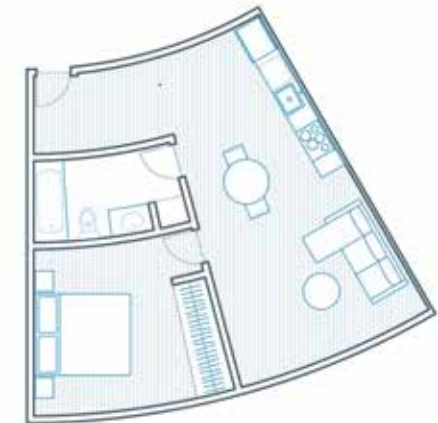
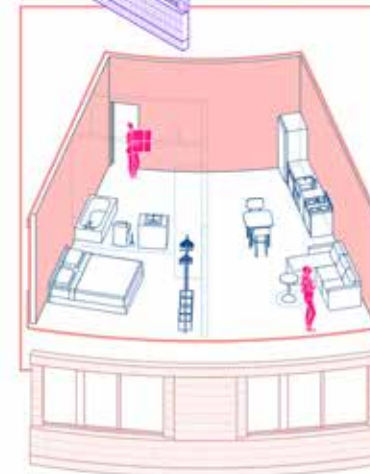
One Bedroom  
680 sqf



Two Bedroom  
1015 sqf



Atypical  
One Bedroom  
640 sqf



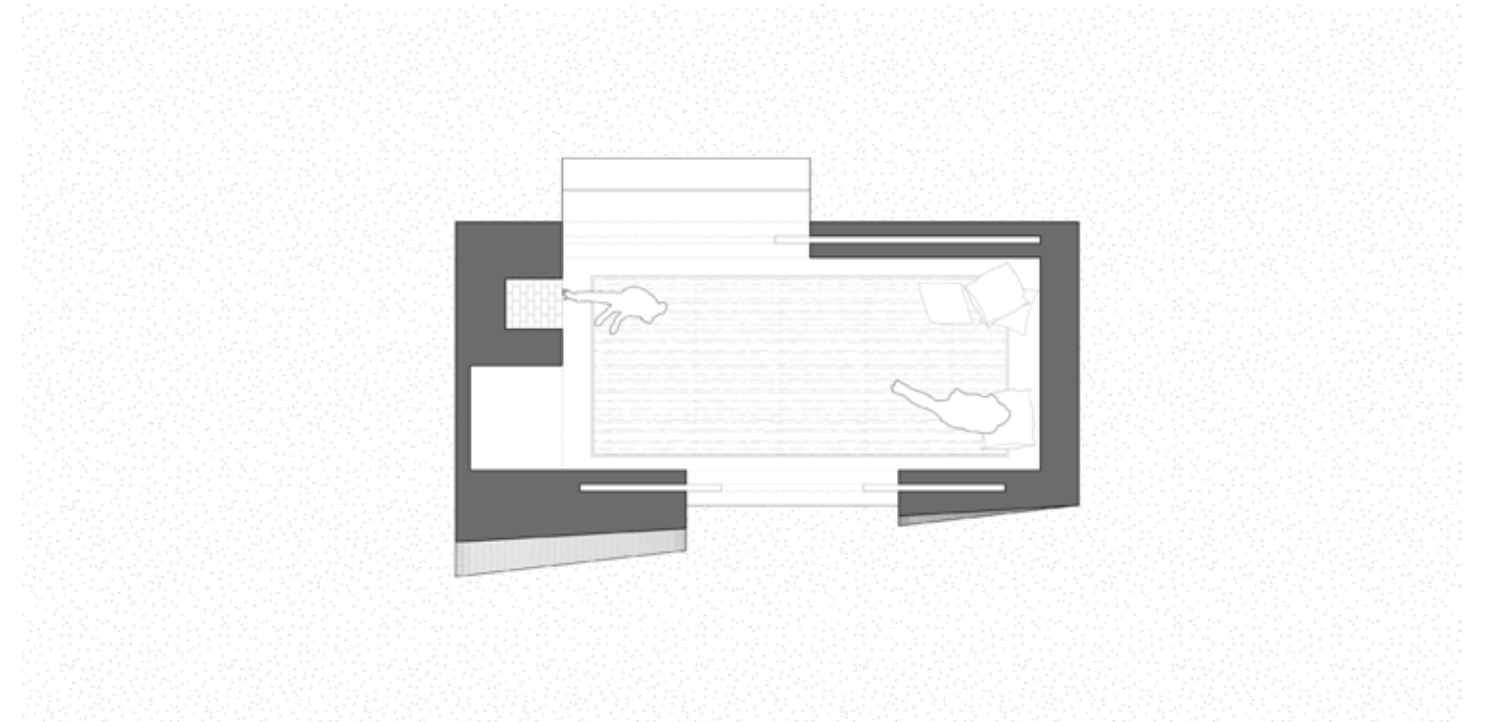
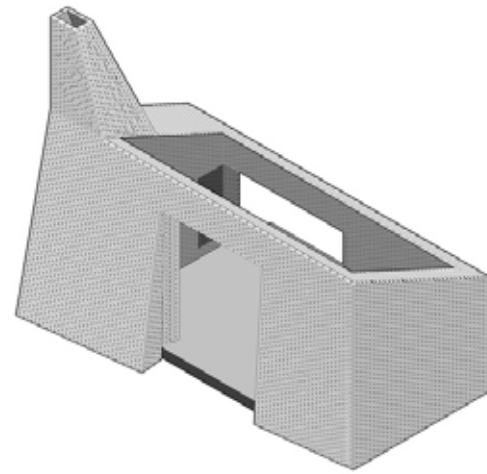


# Refugio

Type: Pavilion / Area: 400 sf / Location: Subachoque, Colombia / May-October 2018 / Office: JPASTUDIO

Refugio pavilion proposes a refuge in a remote quiet farm land at Subachoque, Colombia. An intimate isolated experience in an aged massive layer brick pavilions with smoke from chimney. Facade of a large entrance with a movement of tapering brick continuously layer to the chimney emphasize the massive volume. As entering large open entrance experiencing left open skylight 'roofless' a fire place niche tuck in. This Pavilion is meant to age through time, isolated allow nature to take over transforming into a ruin.

The project is designed through variations of diagrams process of coordinates of tapering walls and layered bricks, chimney and niches. Exploration in 3d modeling of mass and volume, express through physical modeling with rockite and color pigments.



Plan



Subachoque, Colombia



Rockite concrete cast model



# Maison Guereo

Type: Residential / Area: 1,450 sm / Location: Dakar, Senegal / Summer 2019 / Office: JPASTUDIO (Julian Palacio)

Maison Guereo is a single-family house designed by Julian Palacio office. Situated 70km south of Dakar, the capital of Senegal, a house for a young family looking for a place of respite in the popular and touristic area of the Petite-Côte. Senegal harsh year round high temperature climate with the explicit request consideration of privacy to the project, influence the design towards heavy mass and void, solid walls and pocket niches to provide a privacy secluded and intimate dwelling.

'The project geometry of the trapezoidal site as the point of departure for the planimetric organization of the house and its volumetric expression. Different sets of parallel lines, each oriented to conform to the edges of the property, are drawn to define the boundaries of two prisms, one rotated against the other. These volumes and their intersections establish the location of thick load-bearing walls, stairs for vertical communication, and courtyards.

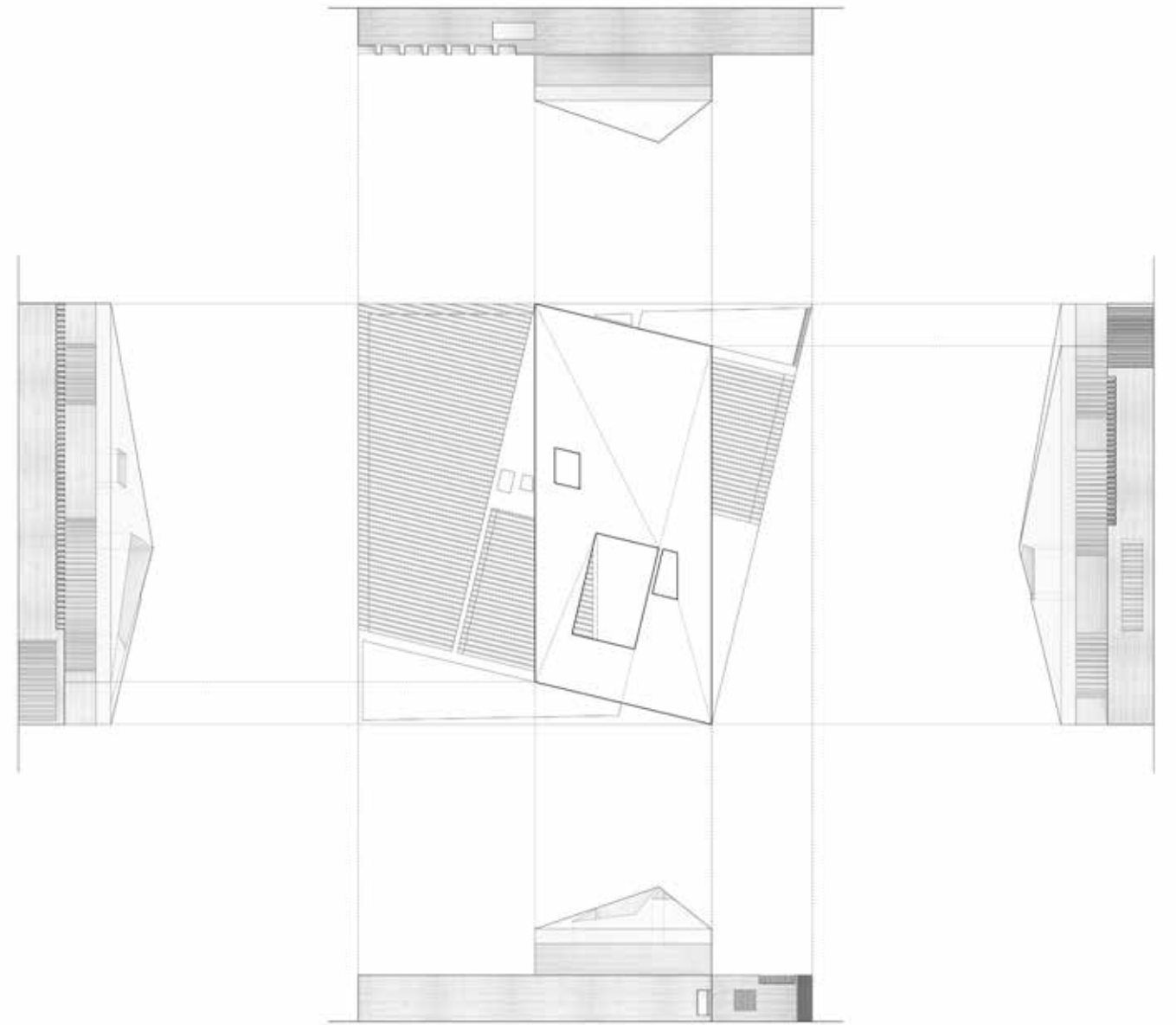
The arrangement of these elements along the rotated grids emphasizes diagonality, creating moments of spatial tension that unfold throughout the space, producing curious perspectival interplays that enhance the character of the interior. On the ground level the long walls nest into each other to create the enclosure, offering privacy from the vacant neighboring lots. Two large openings or "cracks" emerge: one serving as the main entrance from the street while the other opens onto the Somone Lagoon Reserve at the back...'  
Description by Julian Palacio

As part of design team, member worked on 3d modeling using Rhinoceros 3D, construct diagrams, schematic drawings, and renderings with VRay to create interior and exterior images.

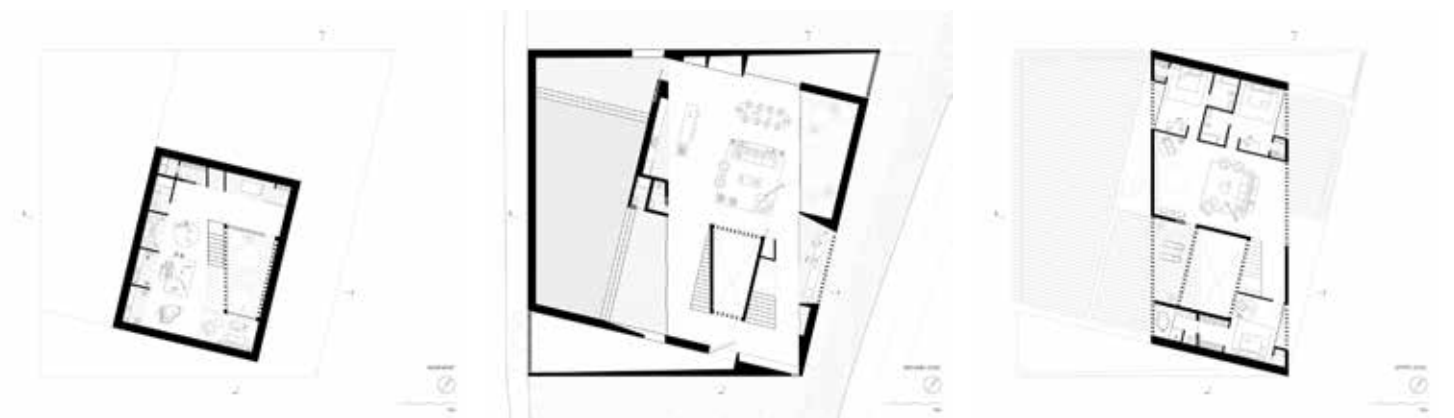




*Site Plan*



*Exterior Render 'Somone Lagoon Reserve*





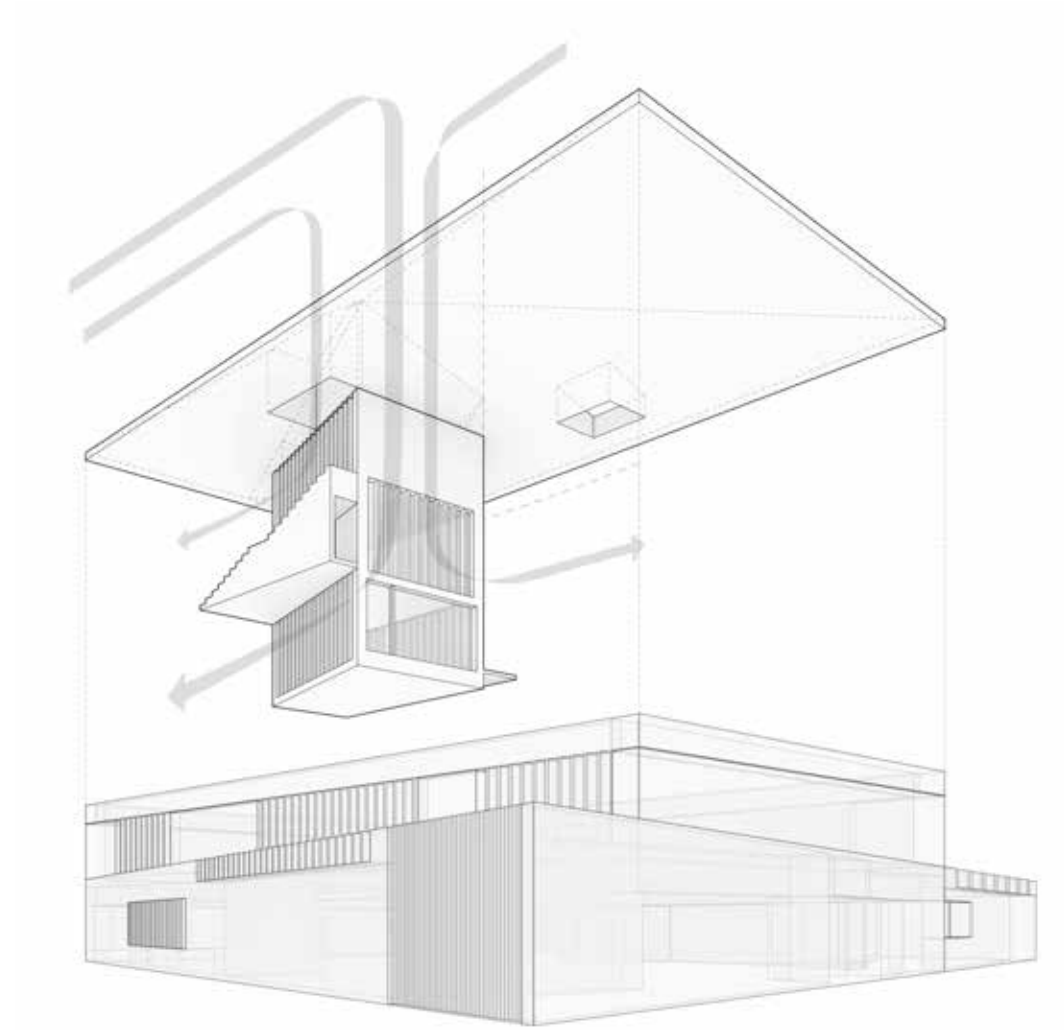
*A triple-height courtyard*



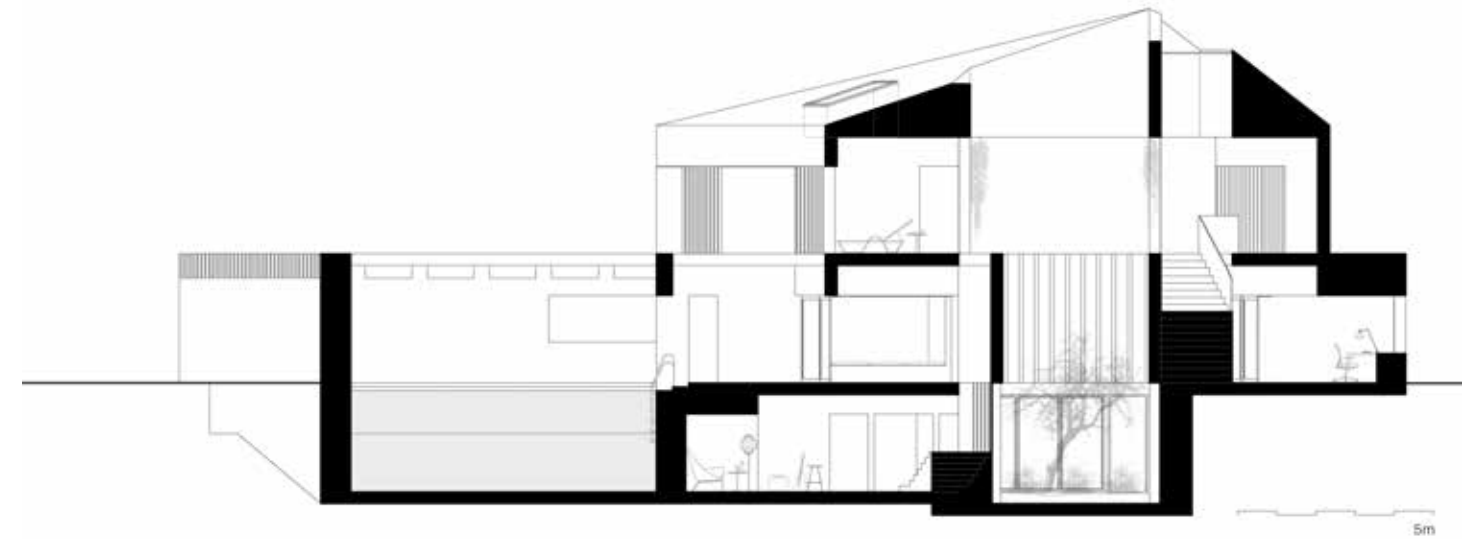
*Stair to second level*

*A triple-height courtyard space rises from the basement as a structuring element around which the vertical circulation of the house is organized. Additionally, the courtyard is as an important environmental device whose function is twofold: first, it acts as a light shaft to bring daylight into the different levels, and second, it is instrumental in the passive cooling of the spaces, rising to capture the winds coming from the south-west inspired by the bādgir or windcatchers of Persian architecture. The materiality of the project expands its environmental agenda through local and more sustainable means and methods of construction, specifically the use of rammed earth construction as a vernacular building technique with high strength and excellent thermal properties'*

*Description by Julian Palacio*



*A triple-height courtyard space for the vertical circulation diagram*



*Section*

# The Spark Of Hudson

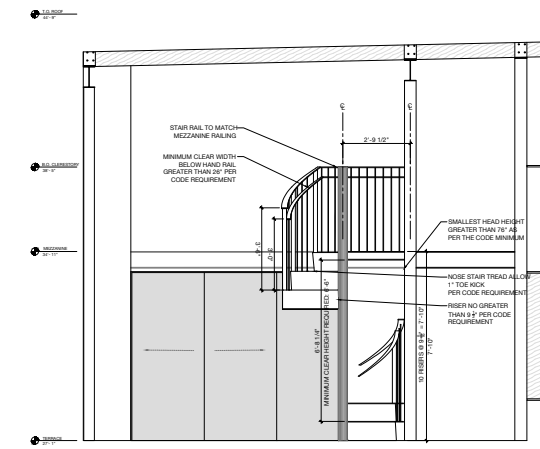
Type: Educational Center / Location: Hudson, New York | Current | Office: GLO Architecture & Design (Joanie Tom)  
 Status: In construction

The following demonstrate my comprehension of assemble CDs for the city planner and contractor through drafting, material resourcing and creating visual presentations for marketing purposes. My contribution towards this project is mostly creating a visually engaging interaction between our project and the neighborhood.

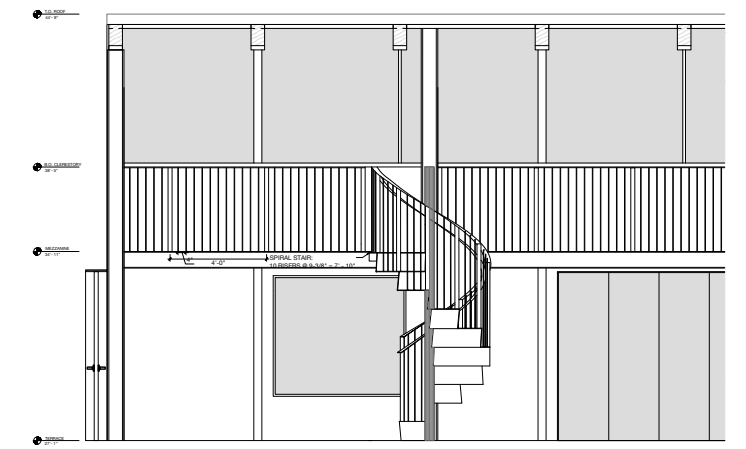
As well as assisting on a different range of drawing details of the construction document; create site plan, elevation, section, detail brick portal entrance way, to spiral stair by understanding various of building codes.

The project is focused on renovating an old warehouse in Hudson city, to preserve the characteristic of the neighborhood while stripping the interior of a multifunction education center as a place to learn, to share, to participate. Exploring new ways of living, working, and learning.

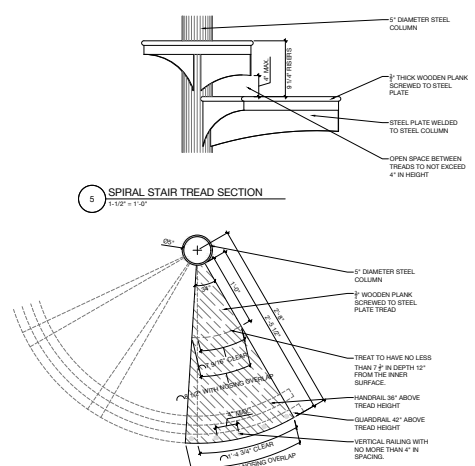
Ground Floor - Learning Center  
 Second Floor - Co-living Space  
 Penthouse - Gathering area



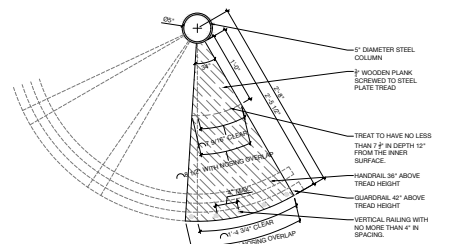
4 SPIRAL STAIR ELEVATION  
 1/2" = 1'-0"



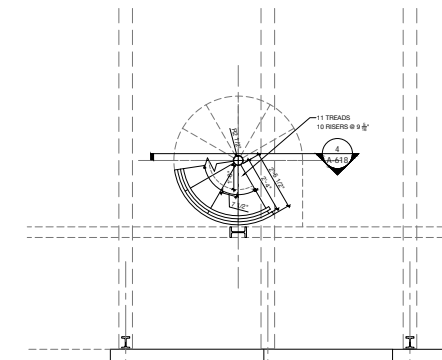
3 SPIRAL STAIR ELEVATION  
 1/2" = 1'-0"



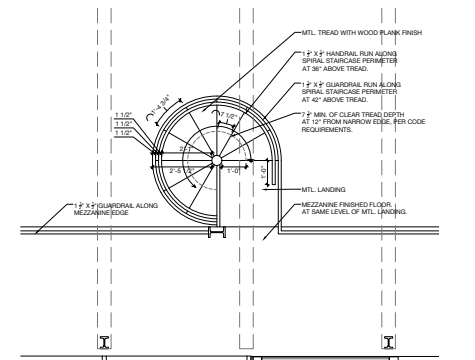
5 SPIRAL STAIR TREAD SECTION  
 1/2" = 1'-0"



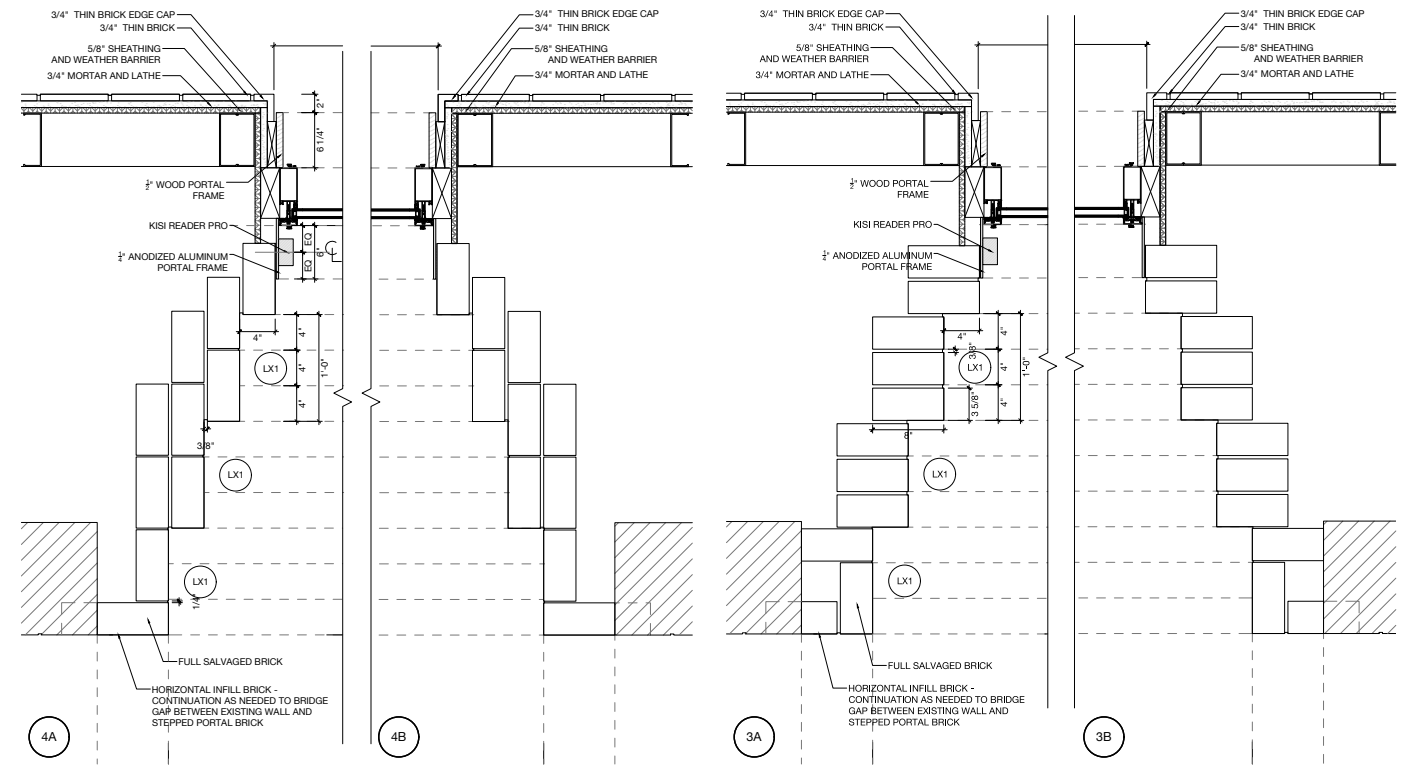
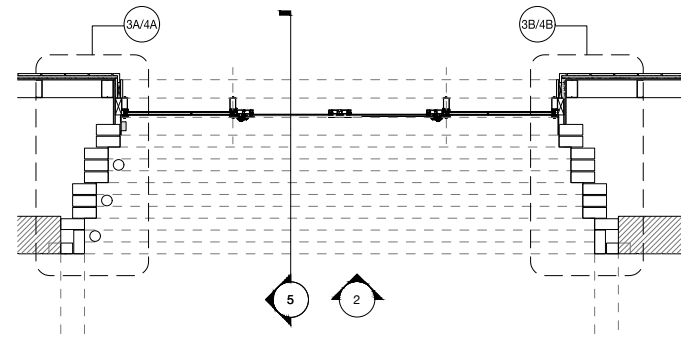
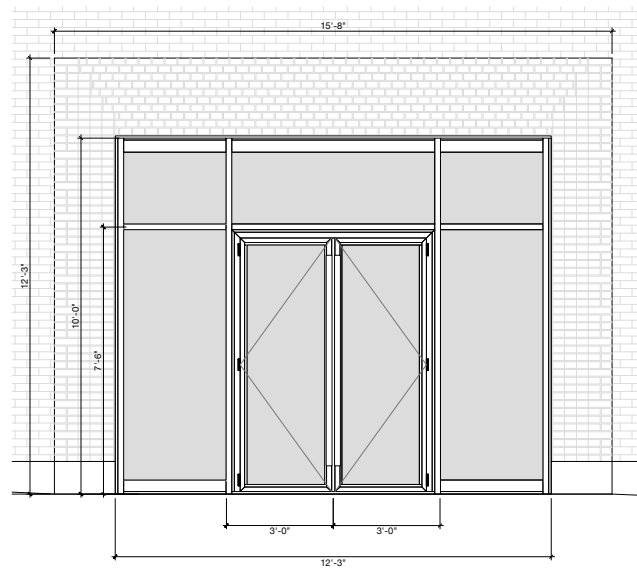
6 SPIRAL STAIR TREAD PLAN  
 1/2" = 1'-0"



2 SPIRAL STAIR PLAN - TERRACE LEVEL  
 1/2" = 1'-0"



1 SPIRAL STAIR PLAN - MEZZANINE LEVEL  
 1/2" = 1'-0"



\* EVERY 4TH COURSE

4 ENTRANCE PORTAL PLAN DETAIL 2 - RUNNING BOND\*  
1-1/2" = 1'-0"

3 ENTRANCE PORTAL PLAN DETAIL 1 - SOLDIER BOND  
1-1/2" = 1'-0"

Detailed Tapered Bricks Portal Entrance



# Music Book House

Type: Library Community Center / Location: Xinyang, China | 2022| Office: Agency—Agency x DnA\_Design  
 Status: In construction

Collaboration with DnA Design, project hosted by Xinyang City of the "To Be Better Libraries" This project is a mixture of community center and library. The elevated glass volume lift the quiet space away from the surrounding loud area. These multi-function three volume allow light through light wells opening, connected directly to below acted as circulation, entrances through the second floor library spaces. Exhibition space, kitchen and public bathroom service area are integrated in these volumes.

My role in this project is aid in producing drawings for schematic design stage and visual diagrams to help facilitating communicate the ideas to our client. Assisted in the meetings with structure engineer to helped facilitate effective communication between the design team and the engineers by transcribing their consulting and input.



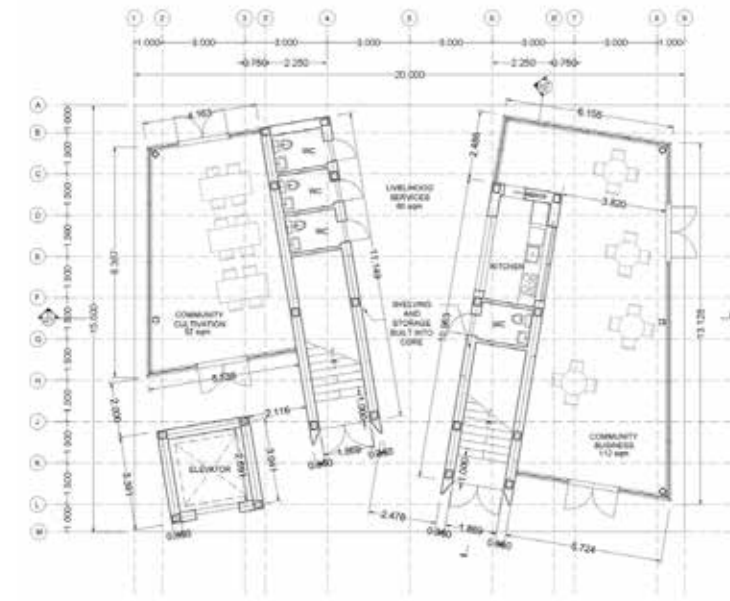
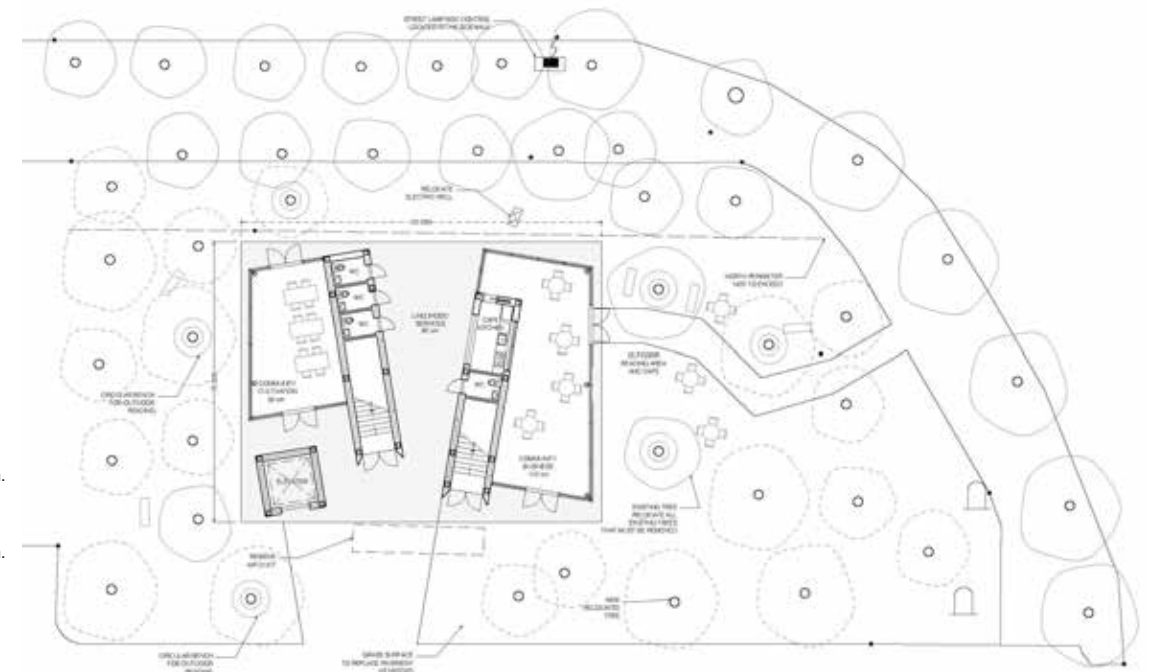
South Facade  
 Render by Andrew Keung



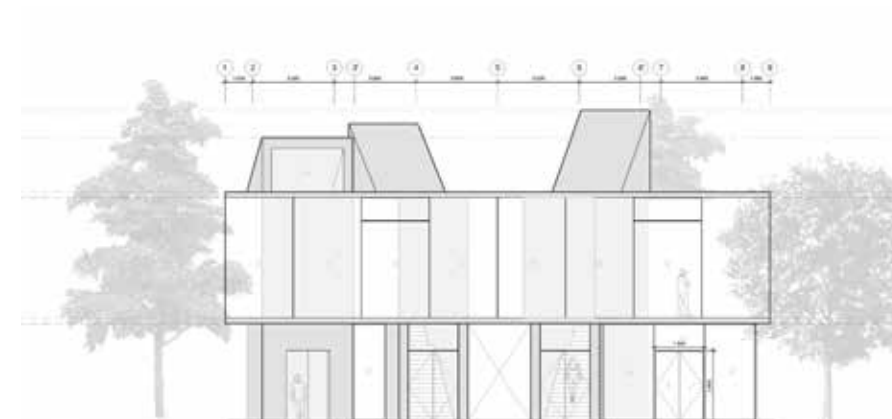
PROGRAM DIAGRAM  
 310 sq.m. FOOTPRINT (20m. X 15.5m.).

FIRST FLOOR  
 A. LIVELIHOOD SERVICE - 60 sq.m.  
 B. COMMUNITY BUSINESS - 112 sq.m.  
 C. COMMUNITY CULTIVATION - 52 sq.m.  
 D. ELEVATOR

SECOND FLOOR  
 C. COMMUNITY CULTIVATION - 52 sq.m.  
 D. MUSIC BOOK HOUSE - 115 sq.m.  
 E. ELEVATOR  
 F. CITY EXHIBITION HALL - 47 sq.m.



Ground Floor Plan



South Elevation

# 58th Carnegie International

Type: Design Exhibition / Location: Pittsburgh, PA | 2021-2022 | Office: Agency—Agency

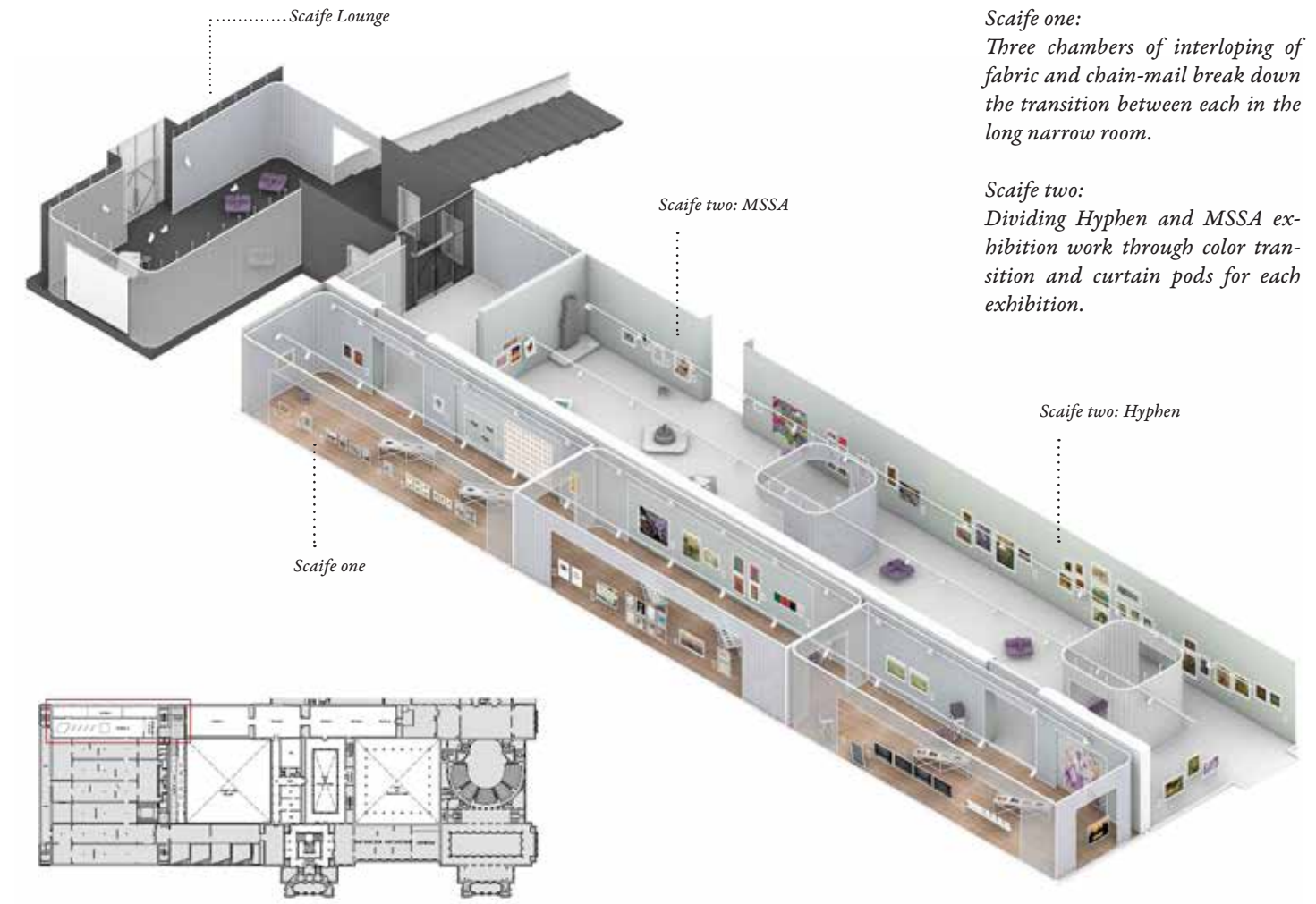
*Is it morning for you yet?*, The 58th Carnegie International curated by Sohrab Mohebbi, exhibition design in Carnegie Museum of Art, Pittsburgh, PA in September 2022.

As part of the artist Tei Carpenter exhibition design team, member worked from beginning of initial conceptual design, site visits, schematic design development, to construction document packages. Communicate closely with the curatorial team.

Working through creating physical models, drawings and render images to help convey the spaces and fabric sensibility with the chain-mails in physical form.

Major component of the design is creating spacial sensibility through fabrics and chain-mail screens as transitioning and structure through the space with translucency intentions of unforced narrative for the viewers.

The concept you described involves the use of chainmail to transform a space with a paradox of soft and tough touch, while also ensuring the materials used can be reused in other projects and locations to minimize waste. This approach reflects a sustainable and environmentally conscious mindset.



*Scaife one:*  
Three chambers of interlocking of fabric and chain-mail break down the transition between each in the long narrow room.

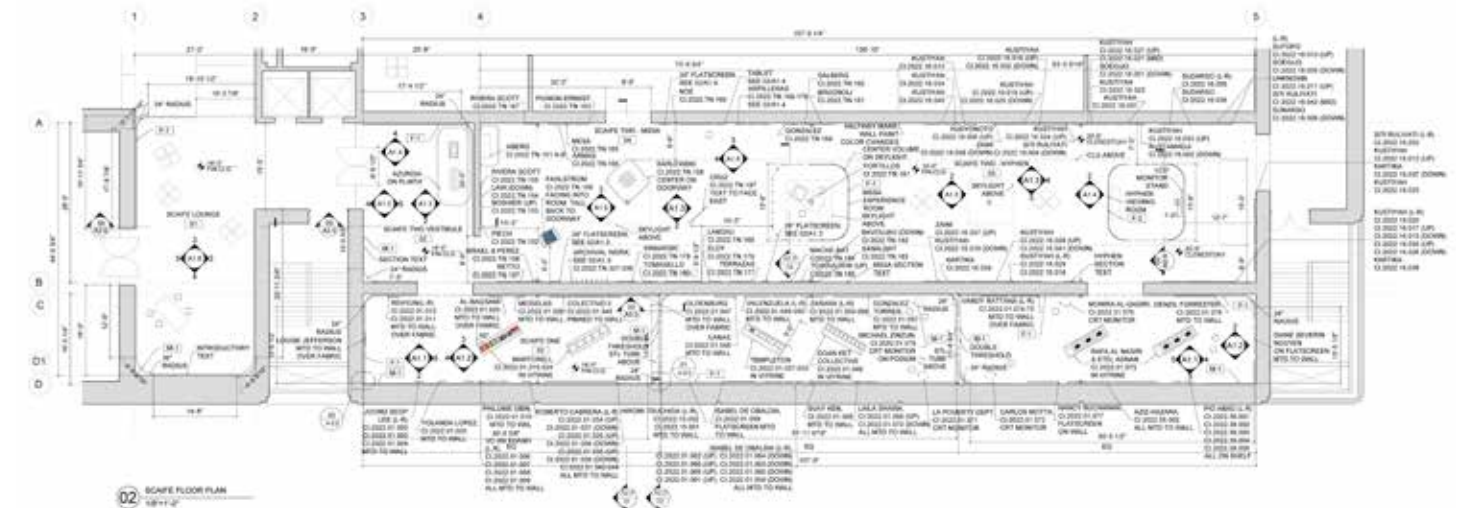
*Scaife two:*  
Dividing Hyphen and MSSA exhibition work through color transition and curtain pods for each exhibition.

*Scaife two: Hyphen*

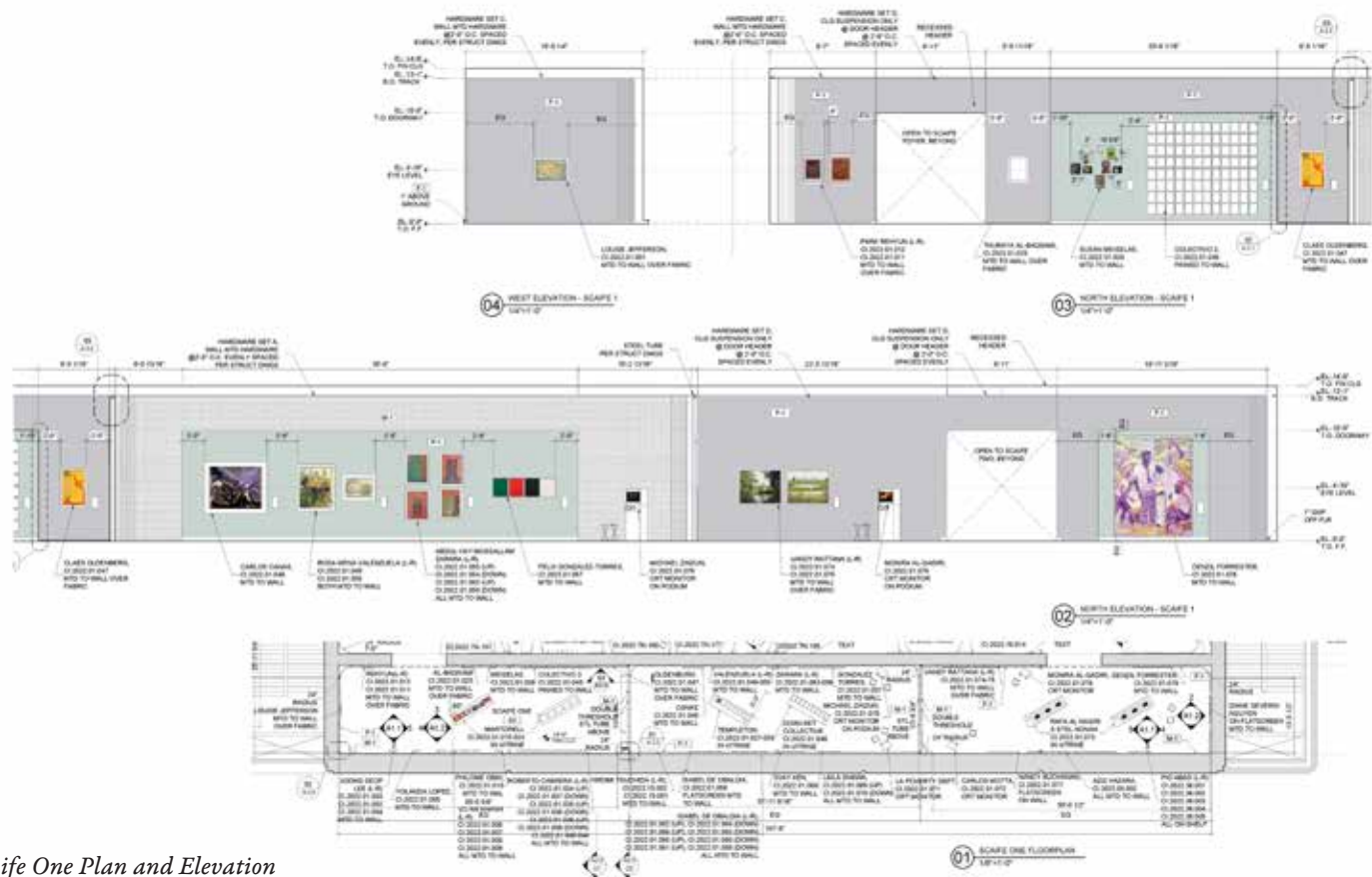


*Scaife Two: MSSA*

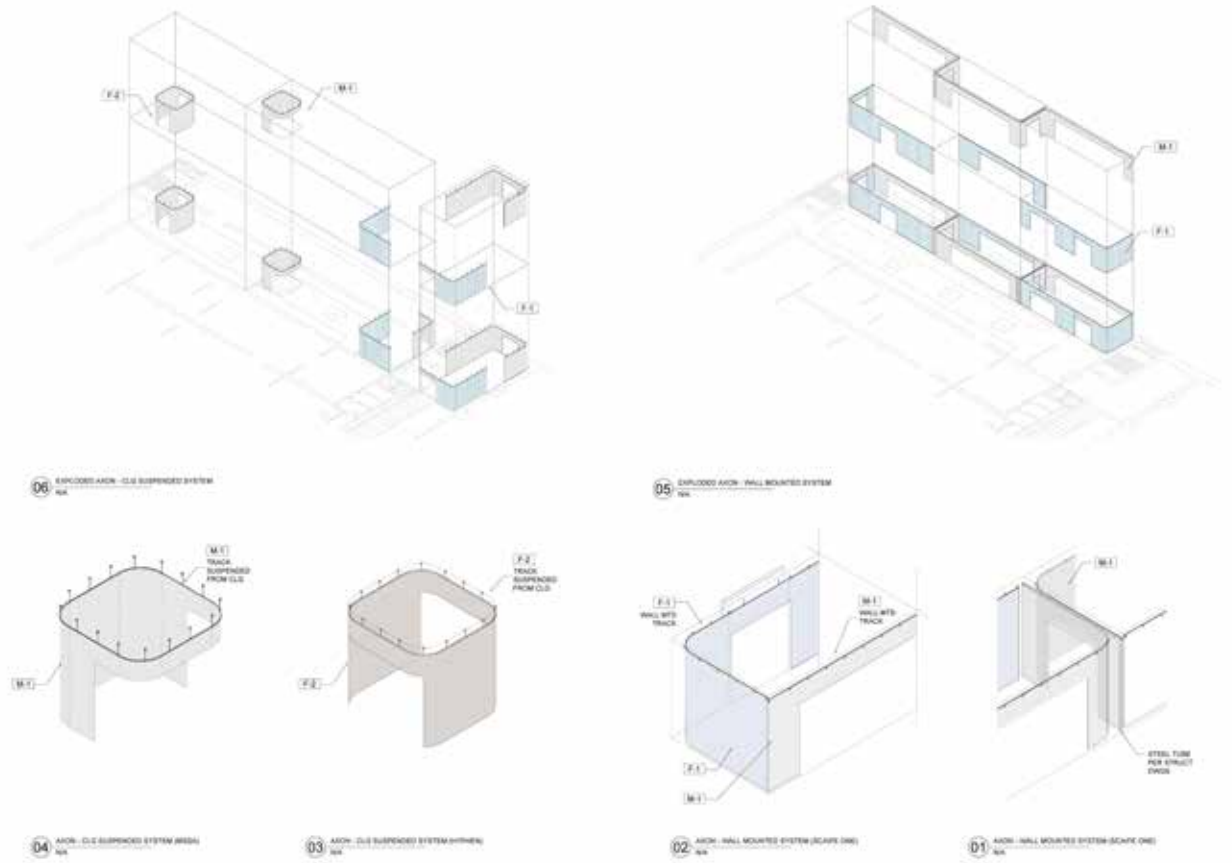
*Location plan*



*Scaife One and Two Gallery Plan: detailing the organization and placement of each artwork*



Scaife One Plan and Elevation



Curtain system



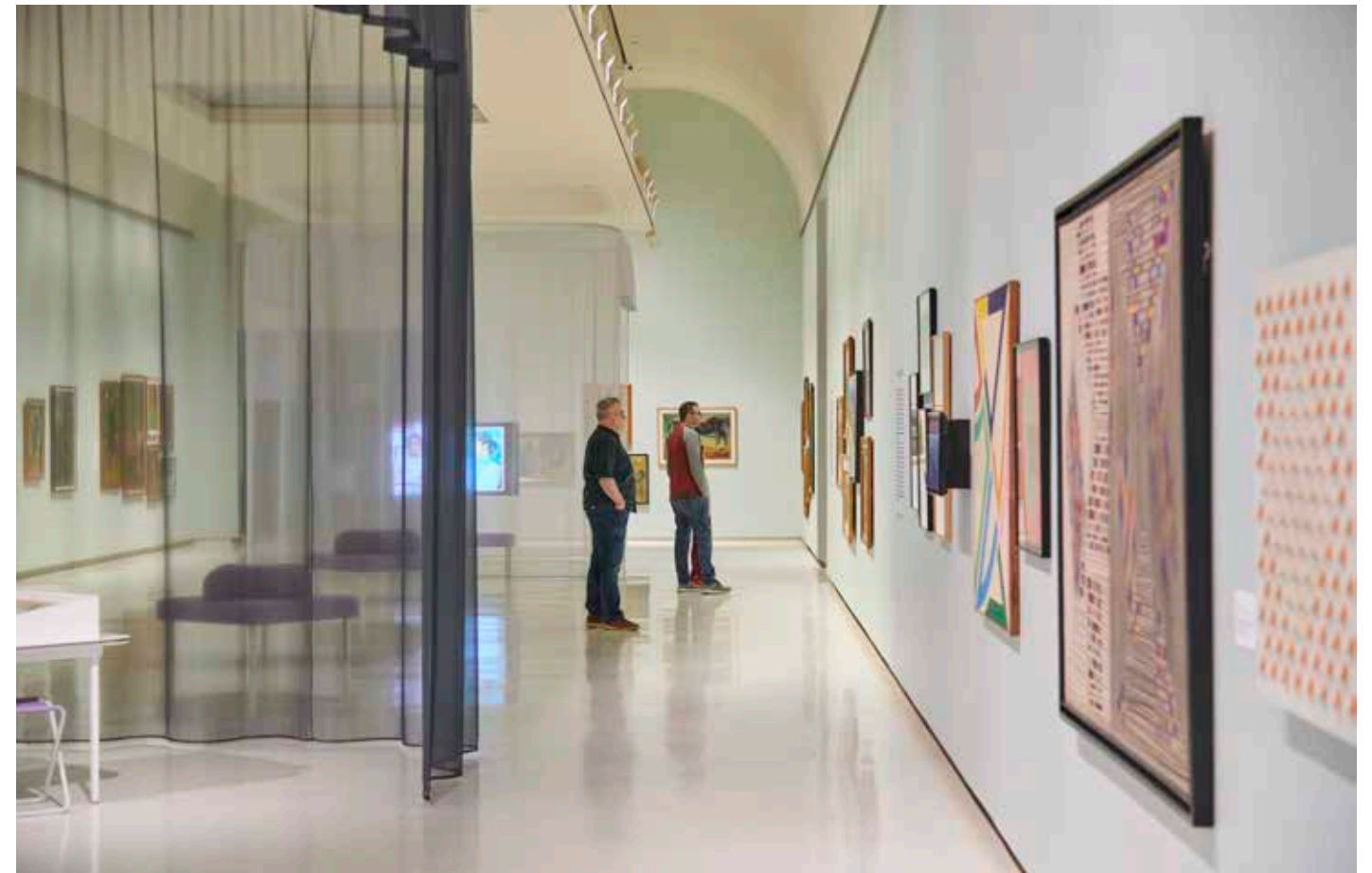
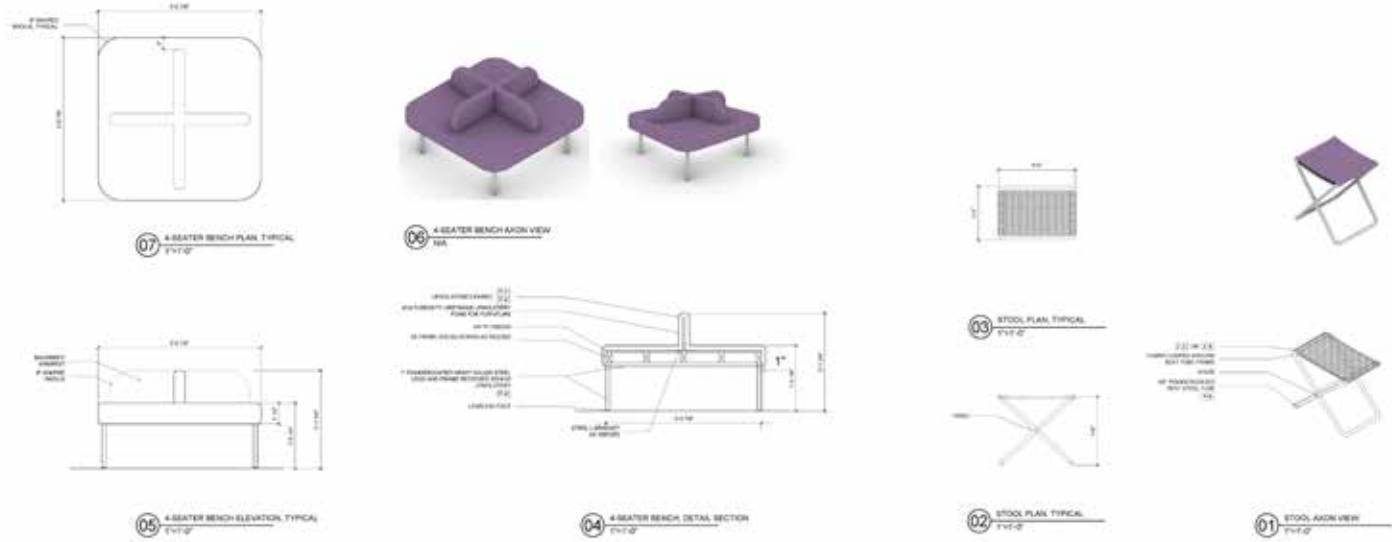
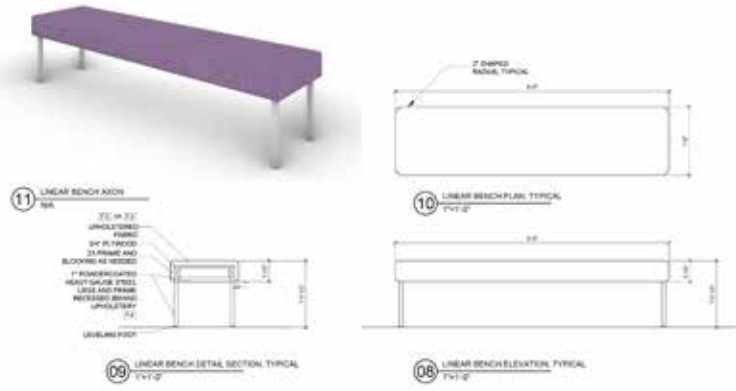
Scaife One



Scaife Two



Display system and new seatings for New Carnegie  
 image will further be reused by the museum.  
 Four seater, linear bench, stool, vitrines, plinths.



# 538 N Western Gallery

Type: Interior renovation Art Gallery / Location: Los Angeles, CA | 2022 | Office: Agency—Agency and HYArch  
Status: Complete

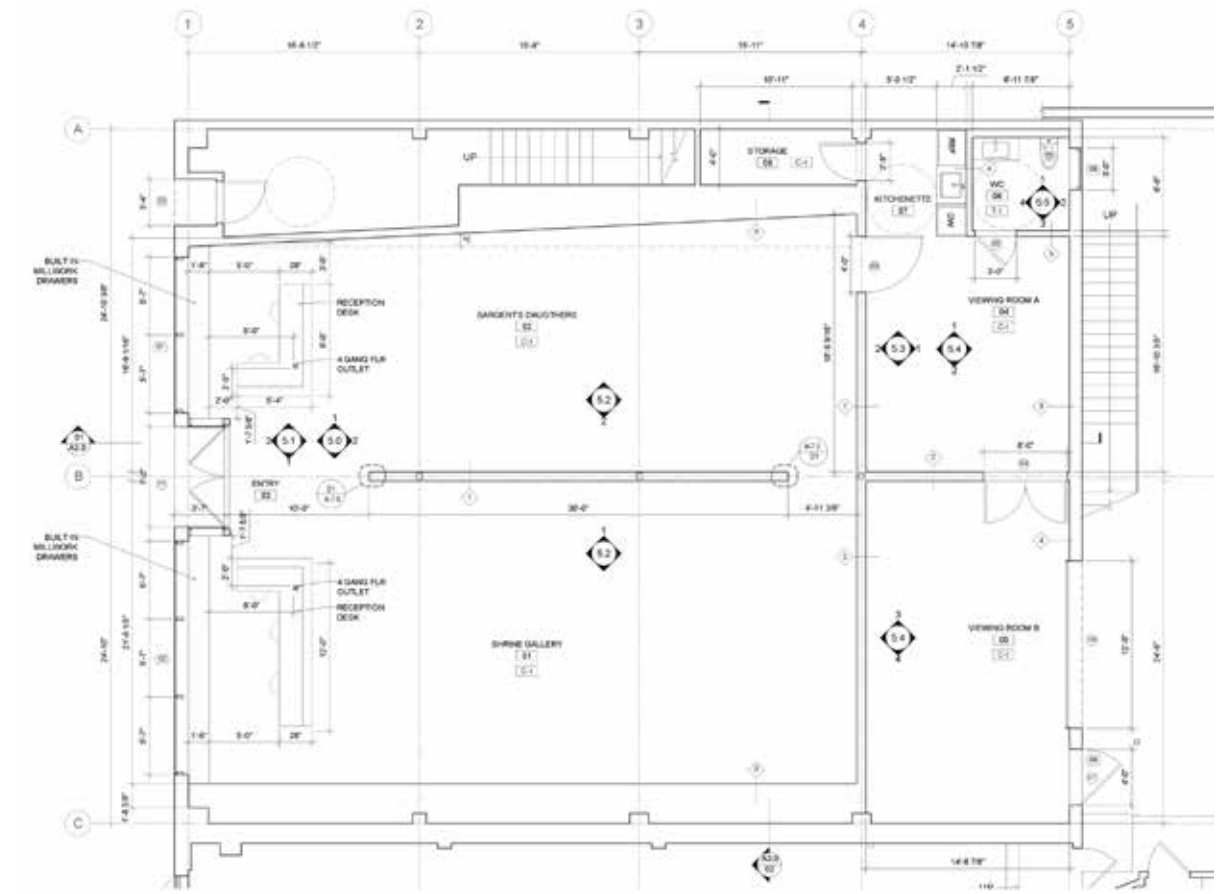
Collaboration with HYE-YOUNG CHUNG ARCHITECTURE, this project is focused on interior renovation of an existing retail space for two galleries in Los Angeles, California.

As a member responsible for schematic design and design development, aid in the visual direction for clients. Your tasks involve producing 3D sketch renderings and drawings that help convey the design concepts and ideas effectively. As well as contribute to the production of drawing sets to ensure that the design intent is successfully translated into the final drawings. This includes plans, elevations, sections, interior elevations, and detail drawings to translate design intent is accurately conveyed to all stakeholders, including clients, contractors, and other team members.

The project consist of two galleries sharing the same space, with a back room for service and storage.

A simple approach of adding entrance for the second floor without disrupting the second gallery space with a continuous slanted wall. a small detail of enhancing the entrance by adding a stainless steel mirror finish to the center wall. This choice not only adds a sleek and modern aesthetic to the space but also creates an interesting visual effect, reflecting and amplifying the surrounding environment as visitors enter the galleries.

Worked on the custom reception desk design in 3D drawings and specs providing detailed information and instructions for the manufacture of the reception desk.



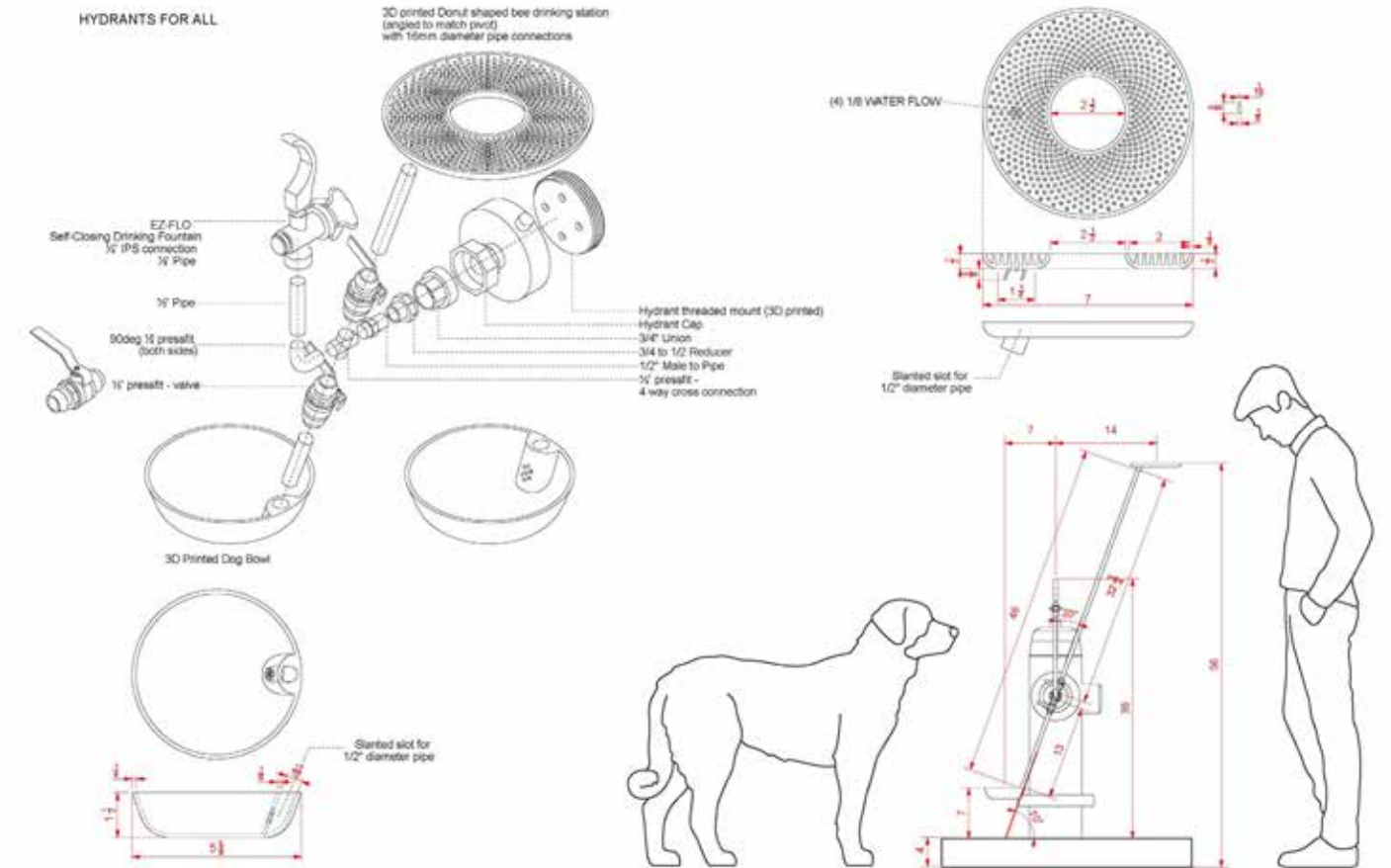
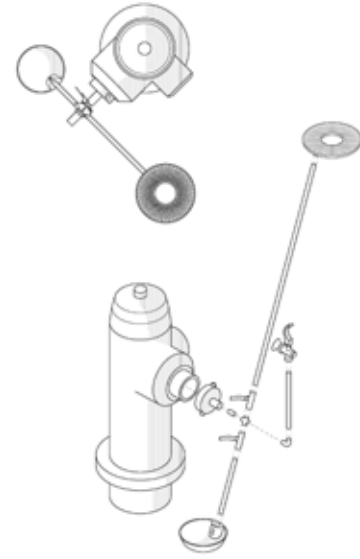
# 'New Public Hydrant' MoMA New Publics New York

Type: Exhibition Design/ Location: New York, NY | 2023| Office: Agency—Agency x Chris Woebken

Collaboration of Tei Carpenter and Chris Woebken, this project is focused on a series of prototype devices that attached to fire hydrant as a hack to proposed a new relationship to public utilities and the water infrastructure in the city. A playful

The prototypes are bottle-filled stations, a multi-species drinking fountain, solar hot water station and a sprinkler boombox.

As part of the production team for this exhibition, member worked on creating these series of drawings cutsheets, 3d rhino modeling variations and 3D printed prototypes.



A multi-species drinking fountain cut-sheet

# 'Staging Grounds' Bentway Dan Leckie Lakeshore

Type: Urban Design Proposal/ Location: Toronto, Ontario | 2022| Office: Agency—Agency x SHEEEP  
Status: Completed

Collaboration Toronto based architecture firm SHEEEP, and environmental engineer Buro Happold and graphic designer Neil Donnelly. Staging Grounds proposal is to create a dynamic public space at the Dan Lackie Lakeshore Triangle site in the city of Toronto that is simultaneously connective route and a site for and active learning about local water.

Staging Ground proposed to activate and encourage interaction on the site area throughout the season. With programs with diverse audience to gather as community and bring awareness and observation to underutilized and inaccessible space.

As part of the design team, member helped aid in designing initial design proposal, graphic works and drawings for the proposal package.

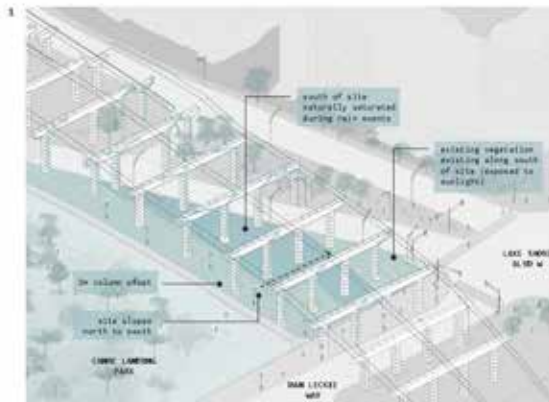
'Our approach are; building a temporary installation using scaffolding systems and debris netting which can later be distributed back and reused for zero waste. Creating a stormwater management will nourish the site to help generate more resilient environment in the area. Educational activities about urban water in the city of Toronto with community research driven educational center focusing on experimental learning about urban green space and the city's maritime connection. Prototype test site as a proposal that can be a test bed for learning about water and working on temporary infrastructure and resilient engaging future projects underneath the Gardiner.'

Design statement written by Tei Carpenter



>>>

## EXISTING CONDITIONS & CONSIDERATIONS



The Dan Leckie Lakeshore Triangle (LTT) site has a unique character with a direct connection to the Canoe Landing Park and a continuous ground plane that has the feeling of a grand hypostyle hall with the bents of the Gardiner Expressway staggered across the triangular area.



page 2

>>>

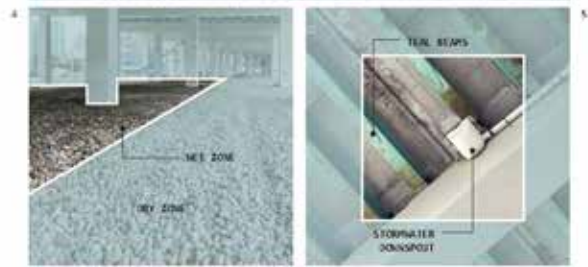
## STAGING GROUNDS

Staging Grounds creates a dynamic public space at the LTT that offers the city of Toronto a public infrastructure that is simultaneously an urban stage for the performing arts and a site for active learning about local water. Much like the Bentway is a hybrid and multidimensional infrastructure, Staging Grounds seeks to intensify encounters and activations of the site throughout the seasons with an overlay of programming and diverse audiences that can gather communities together, bringing attention to an otherwise underutilized and inaccessible space.



page 4

- 1 SITE AXONOMETRIC OF EXISTING CONDITIONS
- 2 STOPWATER PIPES DRAIN TO SOIL WITH VEGETATION GROWING AROUND DOWNSPOUT
- PIPES ONLY ON WEST SIDE OF COLUMN
- NORTH DRY ZONE VS SATURATED SOUTH ZONE
- UNDERSIDE OF GARDINER



page 3

- 1 VIEW FROM THE END OF THE ELEVATED WALKWAY
- 2 SITE AXONOMETRIC OF THE PROPOSED DESIGN HIGHLIGHTING THE USE OF STOPWATER INFRASTRUCTURE AND SCAFFOLDING STAGES



page 5

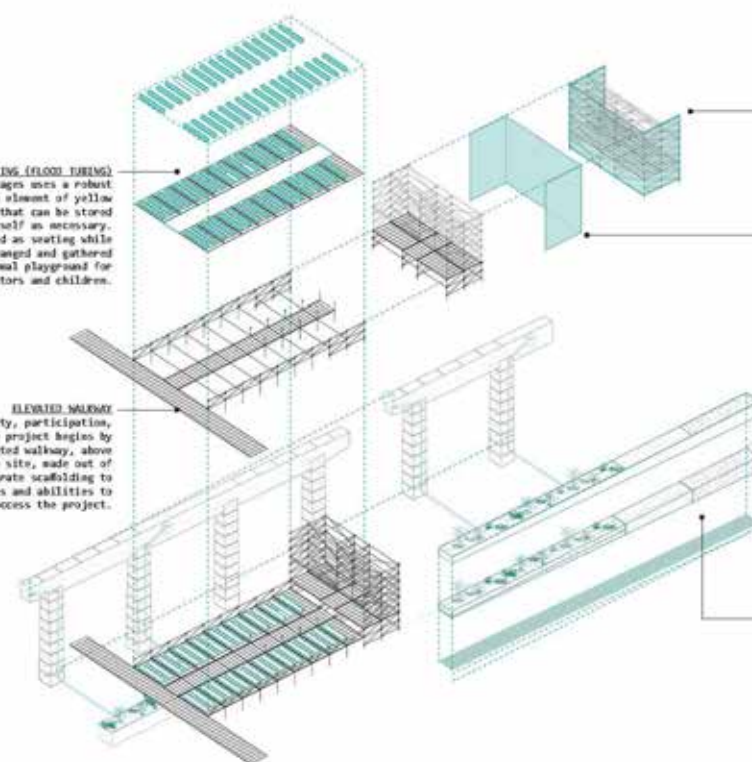
>>>

COMPONENTS

**SEATING (FLOOD TUBING)**  
Seating for the stages uses a robust existing infrastructure element of yellow flood protection tubes that can be stored underneath the scaffold itself as necessary. The tubes can be used as seating while they can also be rearranged and gathered together as an informal playground for visitors and children.



**ELEVATED WALKWAY**  
Prioritizing inclusivity, participation, and accessibility, the project begins by offering a ramp and elevated walkway, above the otherwise rocky site, made out of readily available metal grate scaffolding to invite users of all ages and abilities to access the project.



**ELEVATED STAGE**  
From a more intimate size stage for smaller performances or for children to two larger stages, the suite of three stages are flexible and can be programmed for dance, live music, outdoor lectures, classes or left unprogrammed for spontaneous happenings or informal gatherings.

**BILLBOARD GALLERY**  
Three street-facing scaffolds can be programmed each season with a new artist, community group or school installation with, for example, photography, murals, text based or holiday themed pieces on scrim or vinyl fabric that can then attach to the scaffold for the duration of the season.

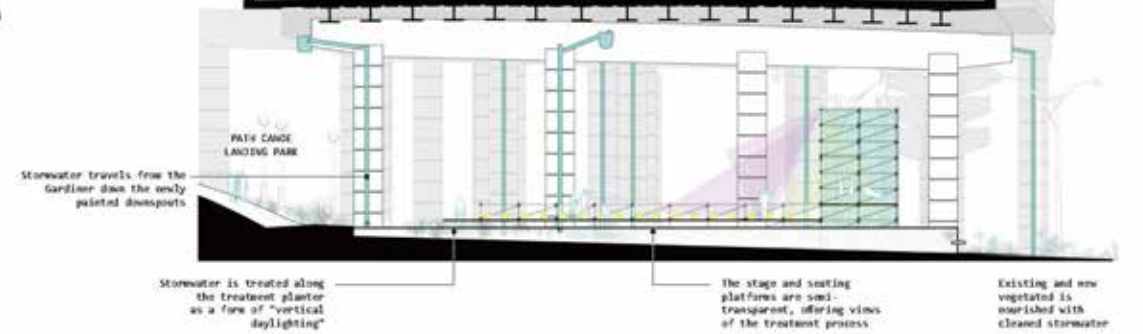


**TREATMENT PLANTER AND VEGETATION**  
Stormwater is directed to planter beds that are a didactic educational tool that is an elongated and enhanced filtration process, from plants for filtration, to sand, to gravel and rock gardens, to the final areas on the south of the LLT site where treated water is used to nourish existing and new vegetation types.



STAGING GROUNDS

CROSS-SECTION



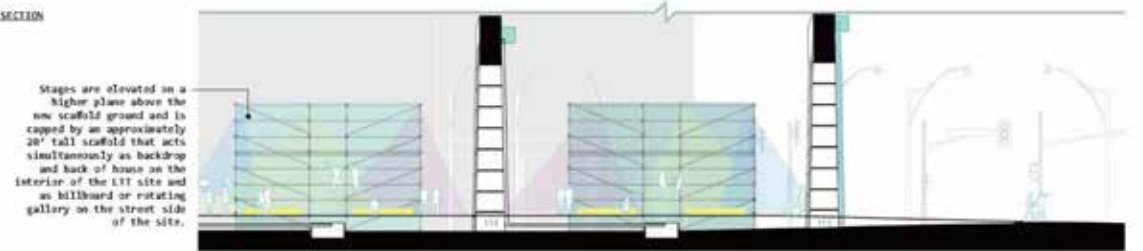
Stormwater travels from the garden down the newly painted downspouts

Stormwater is treated along the treatment planter as a form of "vertical daylighting"

The stage and seating platforms are semi-transparent, offering views of the treatment process

Existing and new vegetation is nourished with cleaned stormwater

LONGITUDINAL SECTION



Stages are elevated on a higher plane above the new scaffold ground and is capped by an approximately 20' tall scaffold that acts simultaneously as backdrop and back of house on the interior of the LLT site and an billboard or rotating gallery on the street side of the site.

>>>

PROGRAMMING

The suite of three stages are flexible and can be programmed for dance, live music, outdoor lectures, classes or left unprogrammed for spontaneous happenings or informal gatherings. We propose working with Toronto-based Somewhereelse to create

a calendar of events (posted on-site and online) that will let passersby and visitors know of upcoming events. Additionally, educational signage and interactive elements related to stormwater treatment will proliferate the site.

- 1. PLAN VIEW OF PROPOSED DESIGN
- 2. THE SMALLER STAGE CAN HOST INTIMATE EVENTS (WWW.SOMEWHEREELSE.COM)
- 3. THE MIDDLE STAGE CAN HOST MID-SIZED EVENTS SUCH AS A CONCERT (SOMEWHEREELSE.COM)
- 4. THE LARGEST STAGE CAN HOST UP TO 100 PEOPLE TEXT FOR LARGER EVENTS (WWW.BLOOTO.COM)

