

DESIGN PORTFOLIO

ERIC GILBERT TAURO



ARCHITECTURE

LANDSCAPE

URBAN

FACADES

ECOLOGICAL

COMMUNITY

INTERIOR

CONSTRUCTION

TABLE OF CONTENTS

With my architecture and landscape design experience, I am eager to take any challenges and translate it into creative and effective design solutions. My eco-friendly knowledge and sustainability education have provided me with thoughtfulness towards environmental impacts as I implement my design solutions. It is quite important to recognize the sensitivity of the environment, and to respect the preservation of the character and culture that is instilled within the sites and its community. It is also important to protect and conserve the wildlife that may also utilize the sites and its environmental resources. Functionality, usability, and accessibility for all potential users of the site play a key role in successful design. Proper maintenance and cost-effectiveness are also important factors to always consider as a result of the design. In addition, I have a strong belief in the importance of teamwork, especially with interdisciplinary projects that I have experience through my collegiate and higher education. Most successful projects occur in result of cohesive teams, which promotes higher productivity and efficiency. With my passion and eagerness, I am a hardworking individual motivated to apply my skills and knowledge to any possible opportunity that may further develop my experience within the field of architecture.

RESUME

ERIC GILBERT TAURO
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209-598-9292 | egtauro@gmail.com

OBJECTIVE

- To gain work experience in the field of architecture and design

EDUCATION

Rensselaer Polytechnic Institute - Troy, NY
• Master of Architecture (Expected Graduation: May 2018)

Center for Architecture, Science, and Ecology (CASE) - New York, NY
• RPI Student Research Program at Skidmore, Owings & Merrill (August 2017 - December 2017)

California State Polytechnic University - Pomona, CA
• Bachelor of Science, Landscape Architecture (Graduated: June 2013)

Santa Chiara Study Center - Castiglion Fiorentino, Italy
• Landscape Architecture Study Abroad Program (August 2012 - November 2012)

WORK EXPERIENCE

Freelance Architectural Designer | BuroEhring | New York, NY (August 2017 - present)
• Drafting facade system details and conducting thermal performance analysis for various architectural projects.

Architectural Intern | KUSHNER Studios | New York, NY (June 2017 - August 2017)
• Opportunity to apply knowledge gained in an educational environment to many diverse tasks typically found within the design-build industry
• Support project managers by performing a variety of tasks that are crucial to meet deadline of projects that span Residential, Commercial, Hospitality and Institutional

Freelance Renderer | QG Floral + Landscape | New York, NY (February 2017 - March 2017)
• Drafted drawings and 3D model renderings for John F. Kennedy Airport event design spaces

Architectural Intern | Misra & Associates, P.C. | New York, NY (May 2016 - August 2016)
• Collaborated with and assist on the design, project management, and preparation of construction documents for a variety of residential, commercial, and institutional projects
• Introduced Rhinoceros as an option for 3D visualization of projects

Design Assistant | Weitzman Halpern Interior Design | New York, NY (September 2014 - June 2015)
• Collaborated with principals in all phases of the design process, including client meetings and presentations, shopping, design intent drawing, and site visits during construction and installation
• Worked directly with vendors to generate quotes, client proposals, and purchase orders
• Updated drawings in AutoCAD

Freelance Renderer | Ovando | New York, NY (September 2013 - March 2015)
• Drafted CAD drawings and 3D model renderings of event design spaces

Design Intern | DADAPT | Brooklyn, NY (September 2013 - February 2014)
• Drafted schematic & construction documents in AutoCAD
• Produced 3D modeling and rendering in SketchUp
• Conducted FF&E research, assisted in selecting materials, and styling opportunities

AFFILIATIONS

American Institute of Architecture Students (AIAS)
• Co-President, 2017
• Social/Public Relations Chair, 2016

Rensselaer Student Ambassador
• Meet with prospective architecture students
• Attend AIAS conferences to represent the school

American Society of Landscape Architects (ASLA)
• Member, 2009-2013

Tau Kappa Epsilon Fraternity
• Social Chair/Event Coordinator, 2011-2013

Order of Omega, Greek Leadership Honour Society
• Member, 2013

Musical Theater and Chamber Choir
• Actor and Tenor Vocalist, 2008-2011

COMPUTER SKILLS

AutoCAD, Rhinoceros, Revit, and Vectorworks
• Draft drawings, construction documentation, 3D modeling and V-Ray rendering

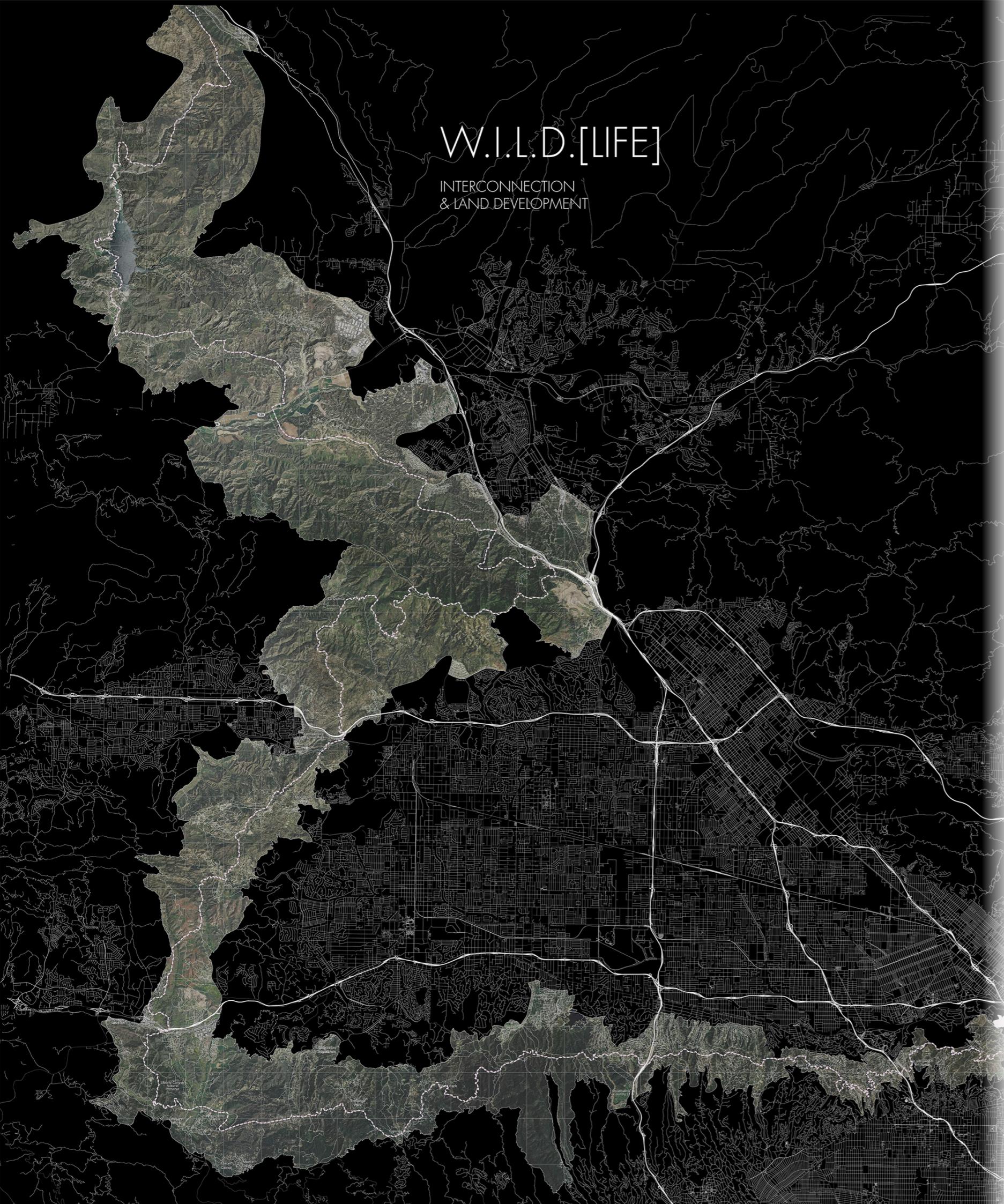
Maya and SketchUp
• 3D modeling and V-Ray rendering

Grasshopper, Ladybug/Honeybee, Python, and Processing
• Coding scripts via Rhinoceros

Adobe Illustrator, InDesign, and Photoshop
• Graphic design, image editing

QGIS, ArcGIS, Climate Consultant and THERM
• Site mapping, climate and thermal analysis

Proficient in Microsoft Office
• Word, Excel, Powerpoint, etc.



MOUNTAIN LION MIGRATION TERRITORY



W.I.L.D[LIFE]

INTERCONNECTION & LAND DEVELOPMENT

GRAFFITH PARK
LOS ANGELES, CA

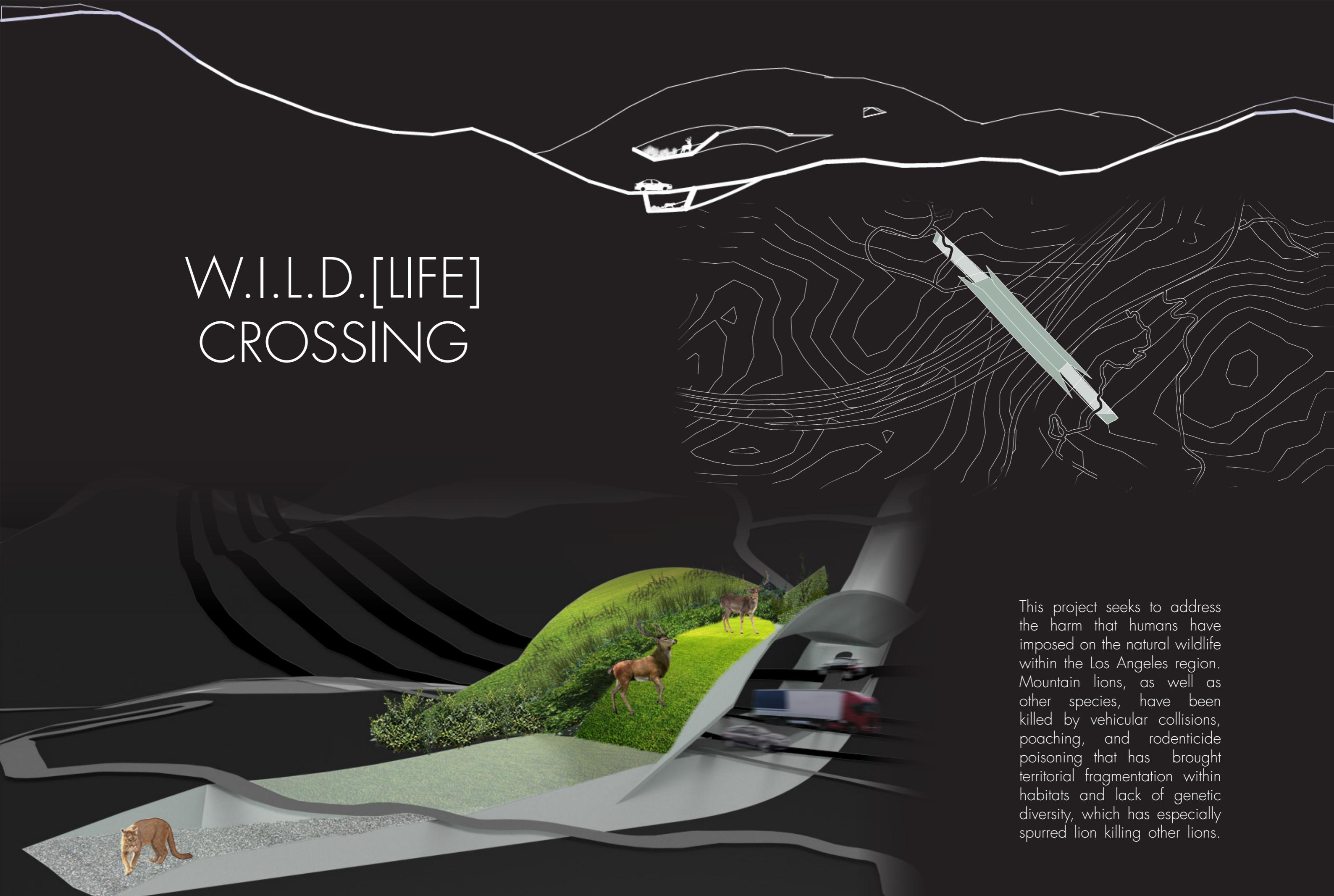
(In Progress)

GOAL:

To design the natural territory as a means of cohabitation between human beings, mountain lions, and other species. As an extension of the Los Angeles Zoo, the old abandoned zoo site will be re-established as an educational hiking trail that helps stimulate the genetic diversity, adaptation and livelihood of the mountain lions and other animal species that migrate south towards the mountaneous regions bordering the city of Los Angeles.

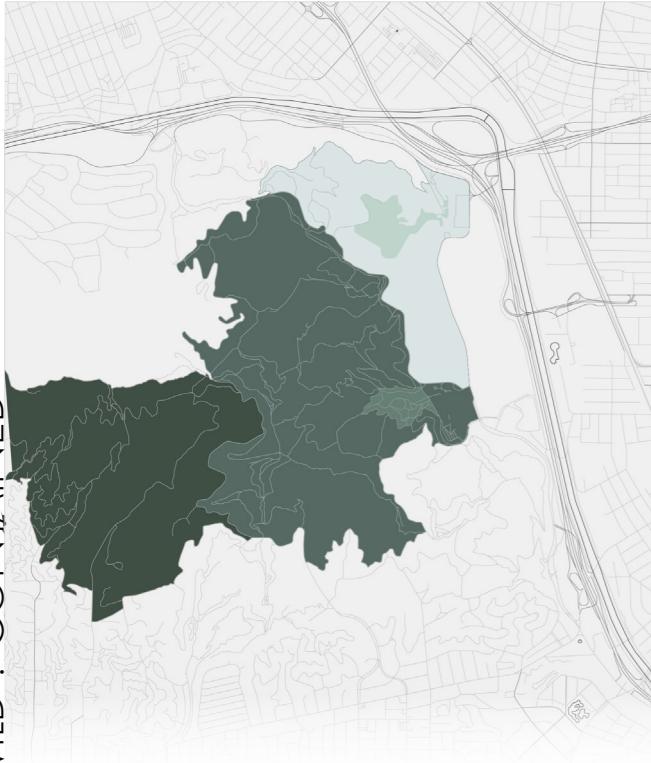


W.I.L.D.[LIFE] CROSSING

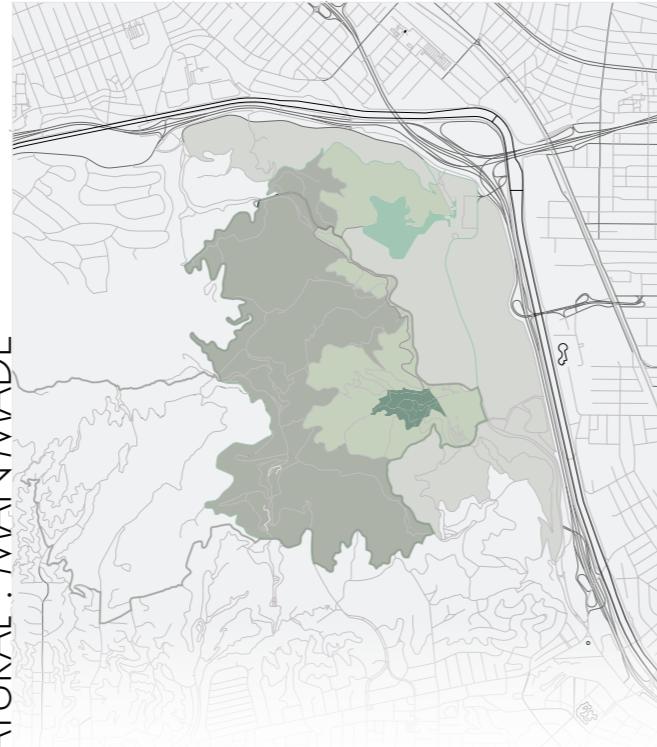


This project seeks to address the harm that humans have imposed on the natural wildlife within the Los Angeles region. Mountain lions, as well as other species, have been killed by vehicular collisions, poaching, and rodenticide poisoning that has brought territorial fragmentation within habitats and lack of genetic diversity, which has especially spurred lion killing other lions.

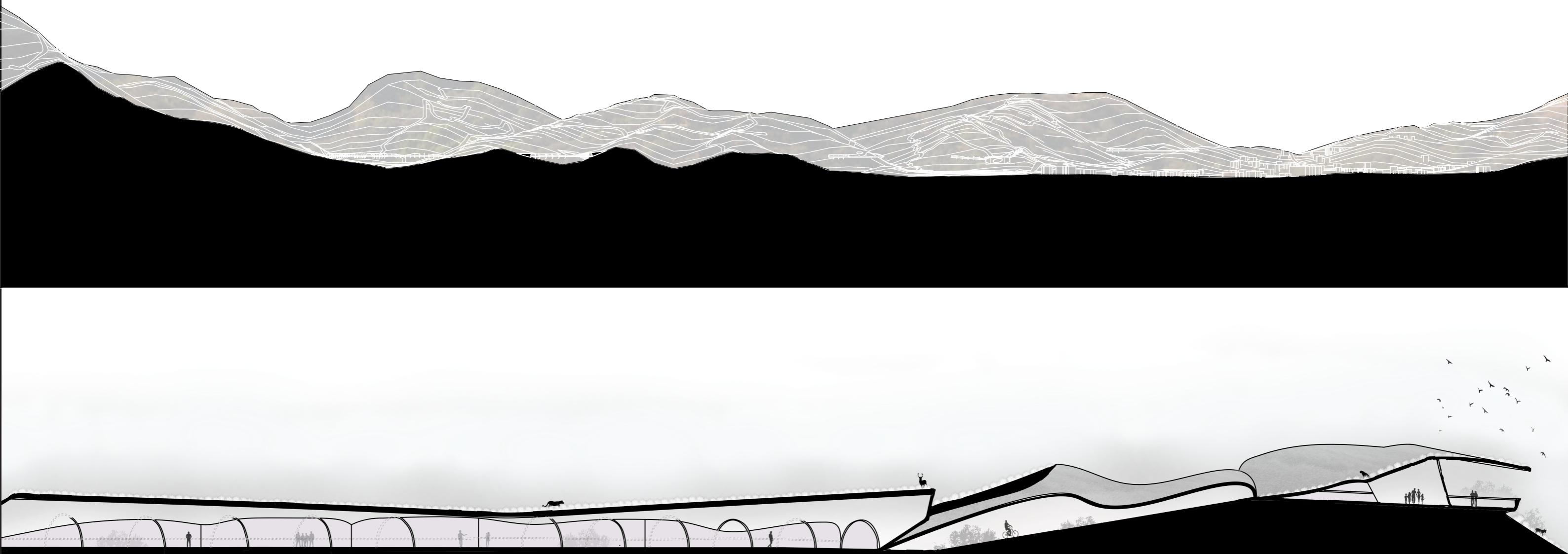
WILD : CONTAINED



NATURAL : MAN-MADE



THE LOS ANGELES ZOO TRAIL

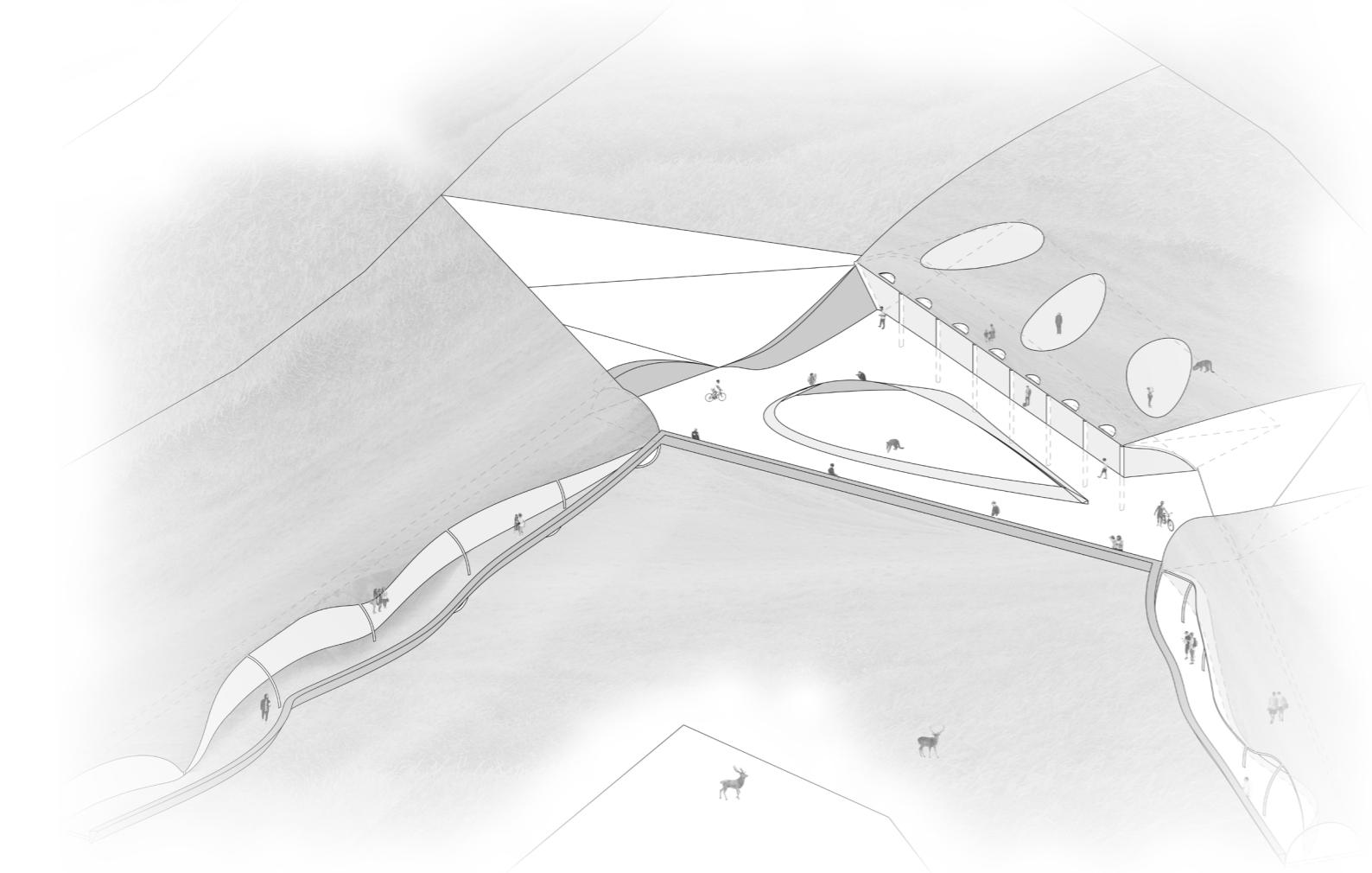




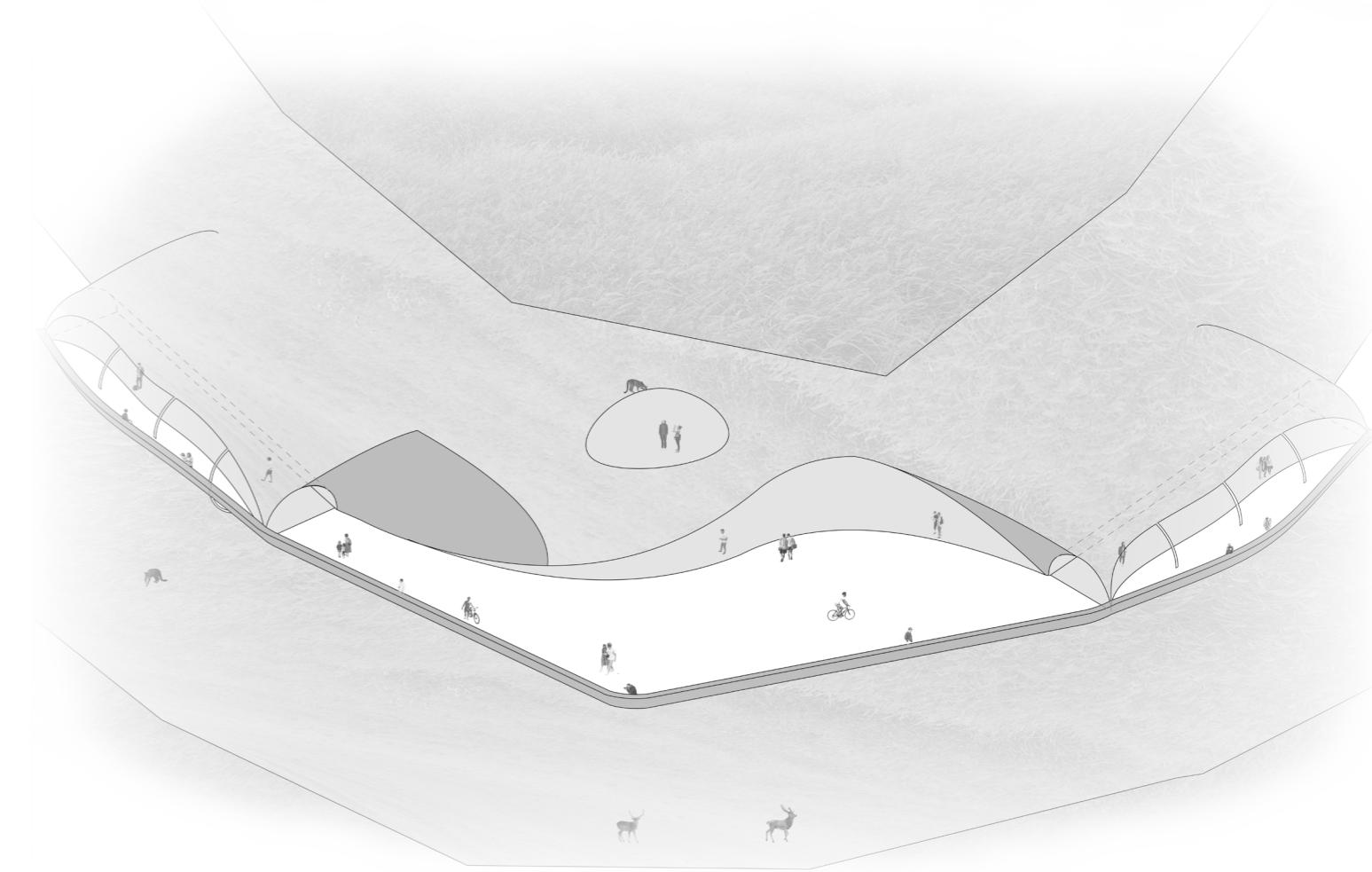
[RE]W.I.L.D

TRAIL INTERVENTIONS

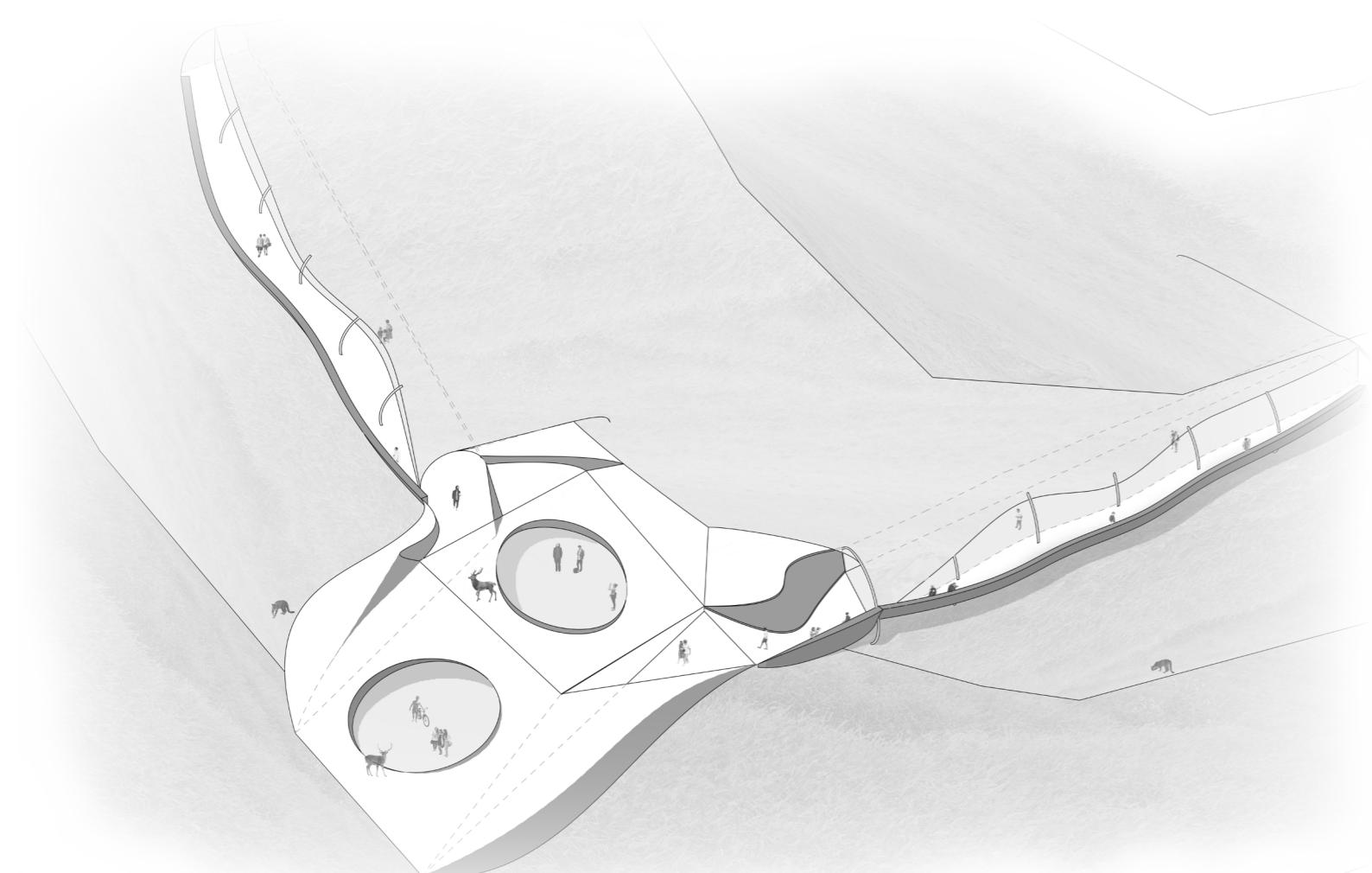
INTERVENTION 1



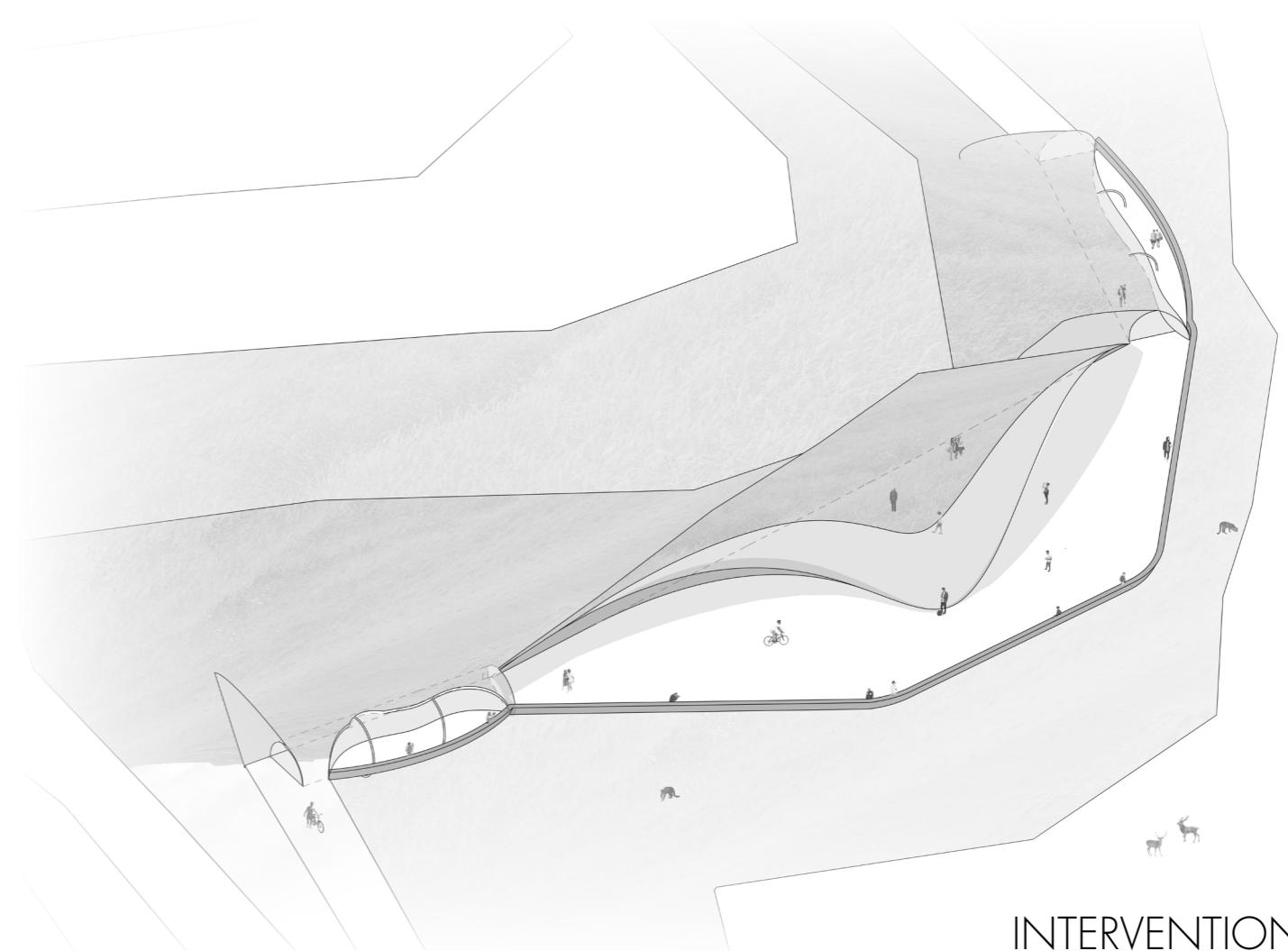
INTERVENTION 2



INTERVENTION 3

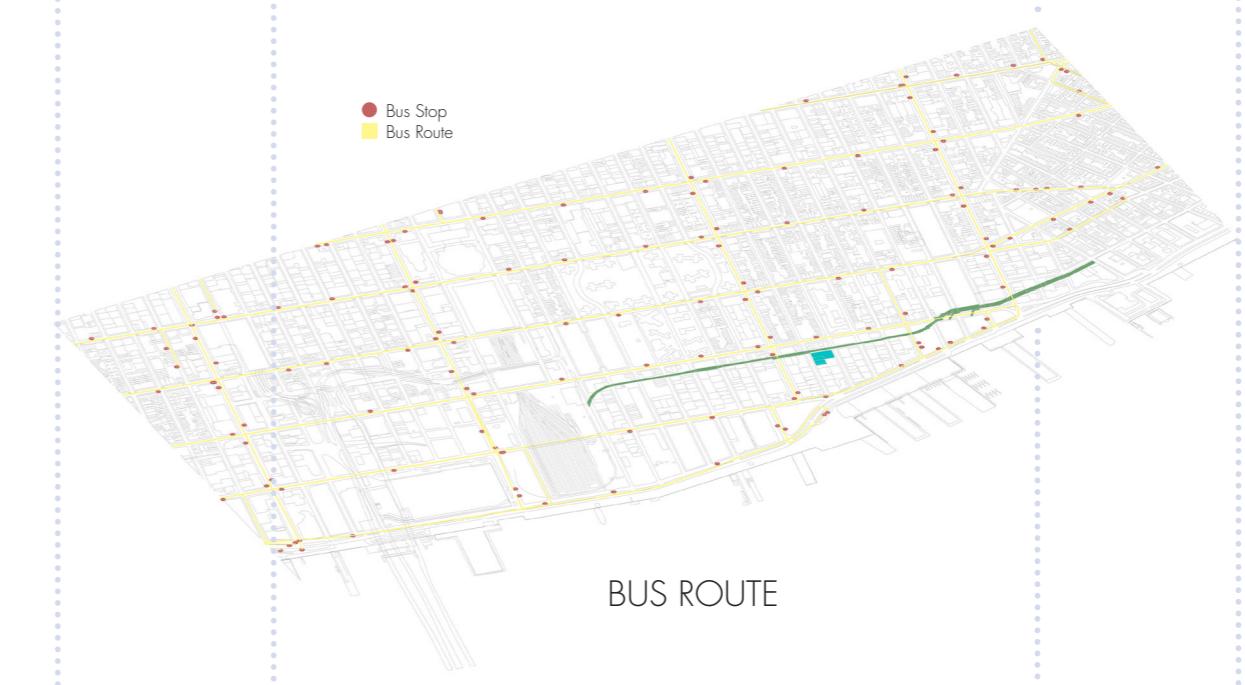
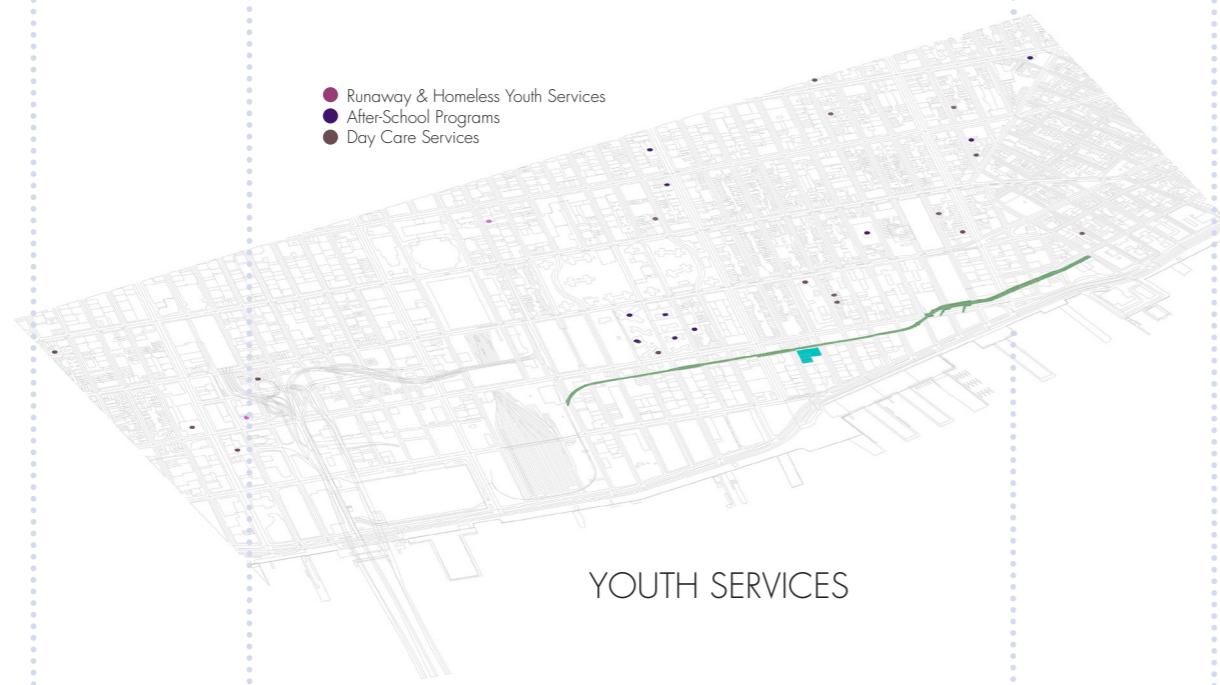


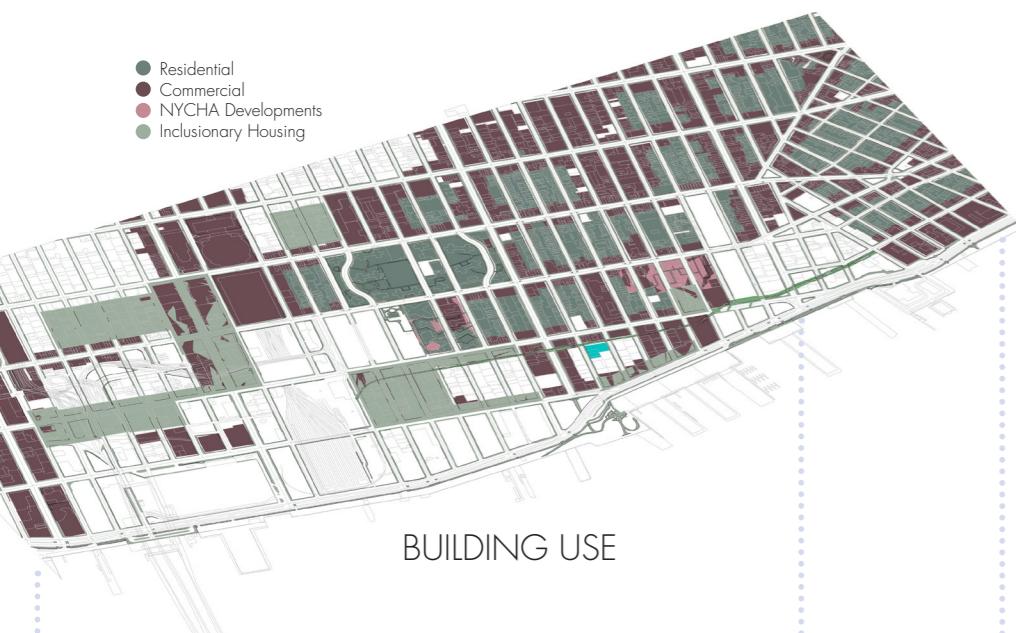
INTERVENTION 4



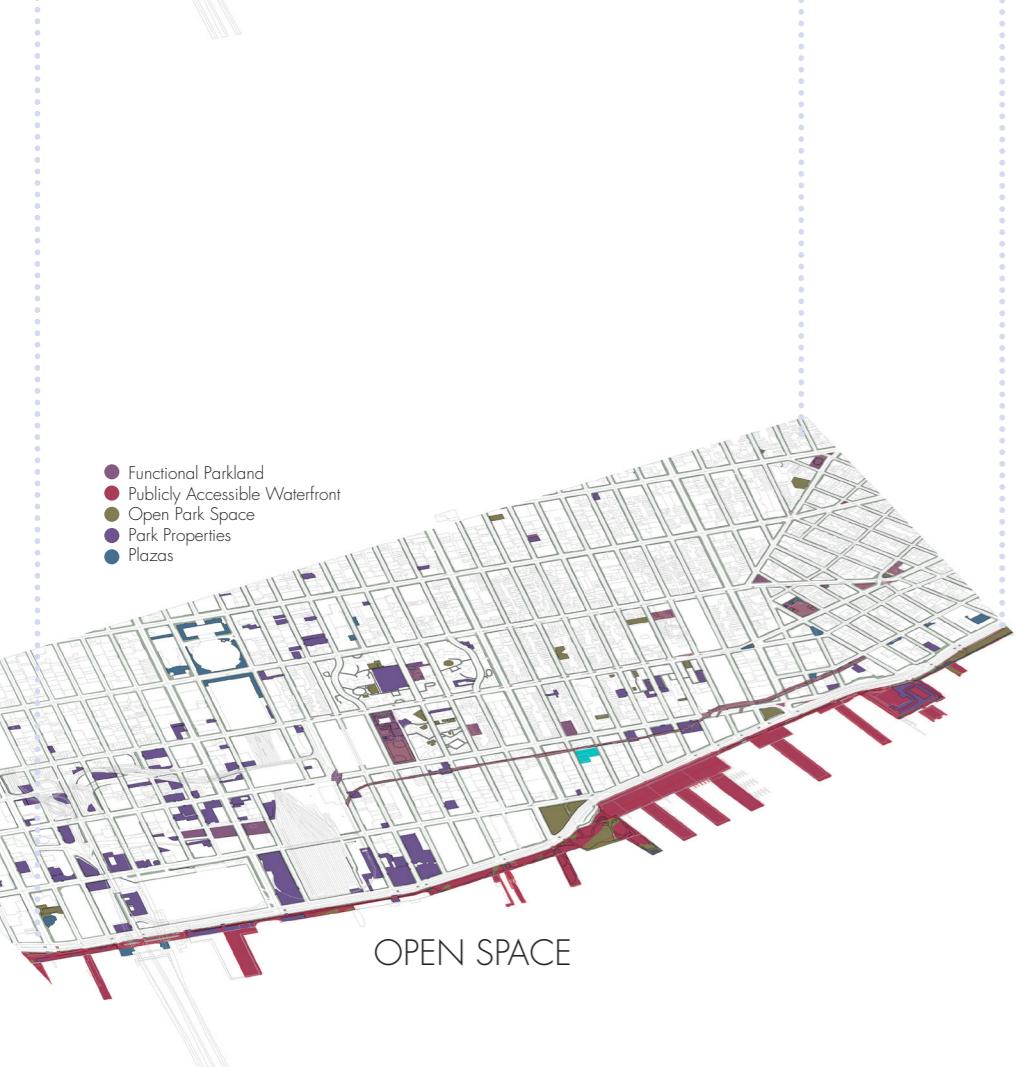
INTERVENTION 5

SITE ANALYSIS





BUILDING USE



OPEN SPACE

PERFORMING ARTS CENTER THE HIGHLINE PARK CHELSEA, MANHATTAN, NY

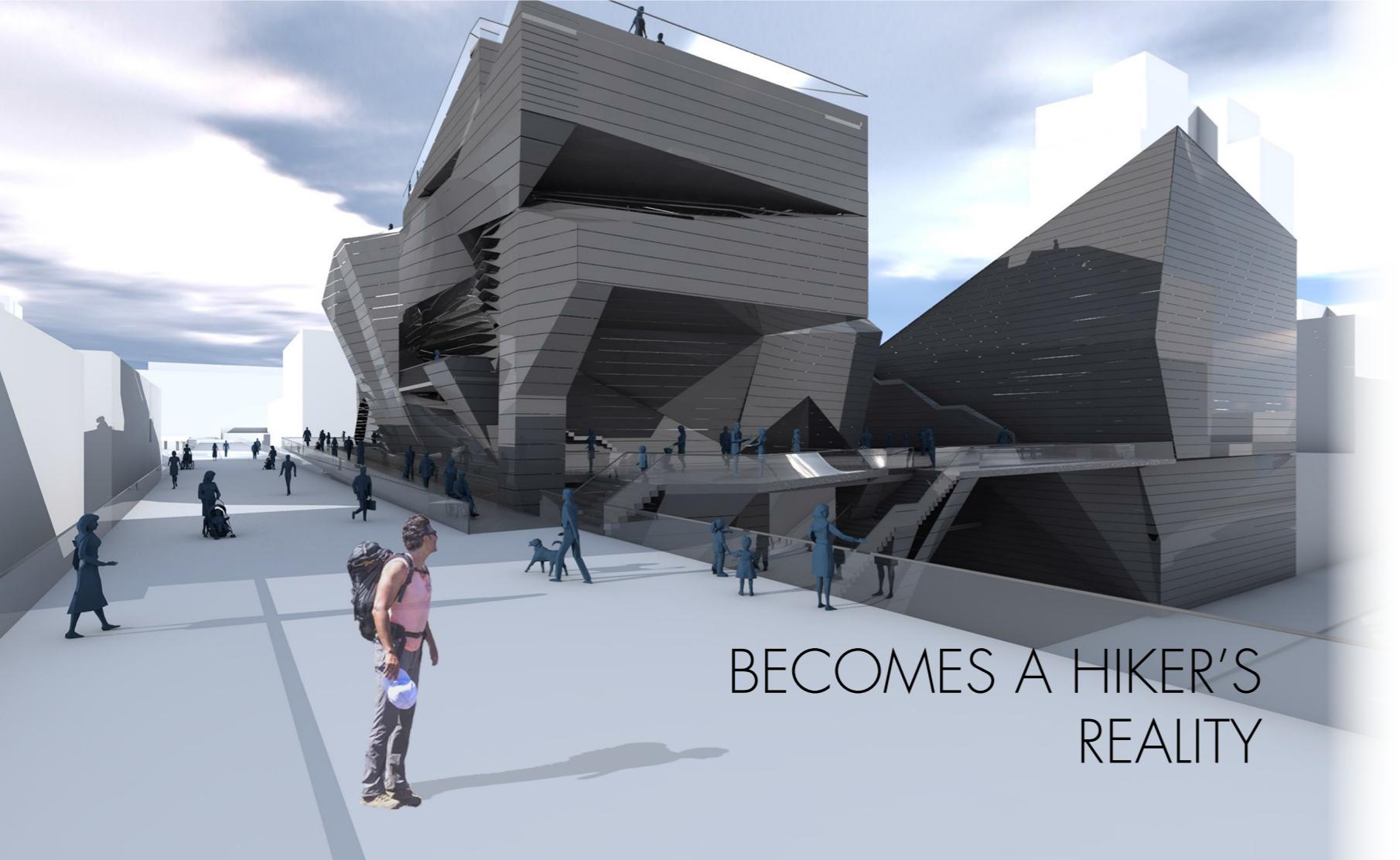
In collaboration with Andrew Reed Loeshelle

GOAL:

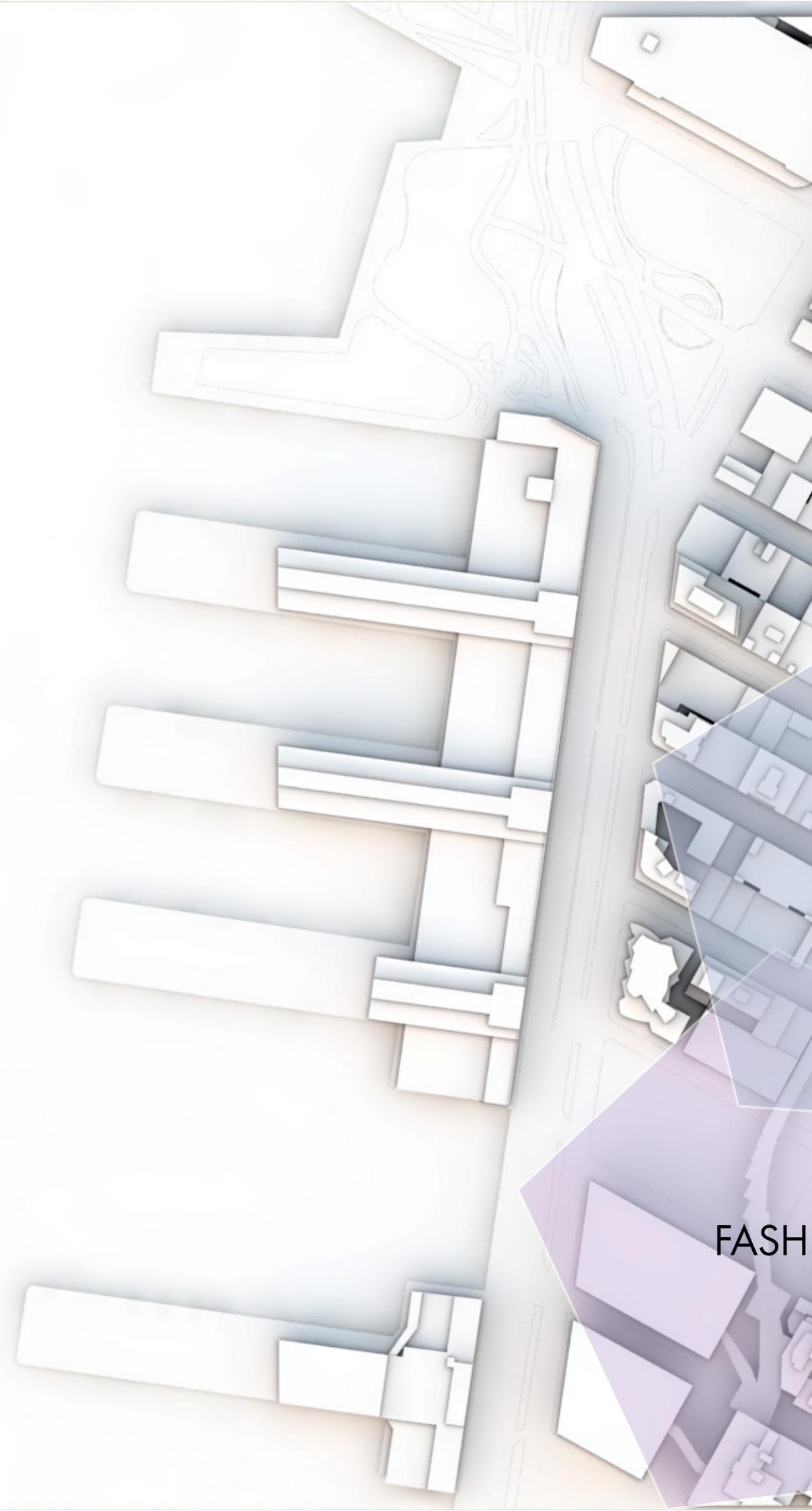
To design the site as a new access point and central hub for the Highline Park with a unique transitional connection from the ground to the elevated platform, creating opportunities of exterior circulation and urban design to explore the structure and the spaces it provides as a "teaser" glimpse of the performing arts center's interior programming for both locals and tourists to enjoy and never forget.

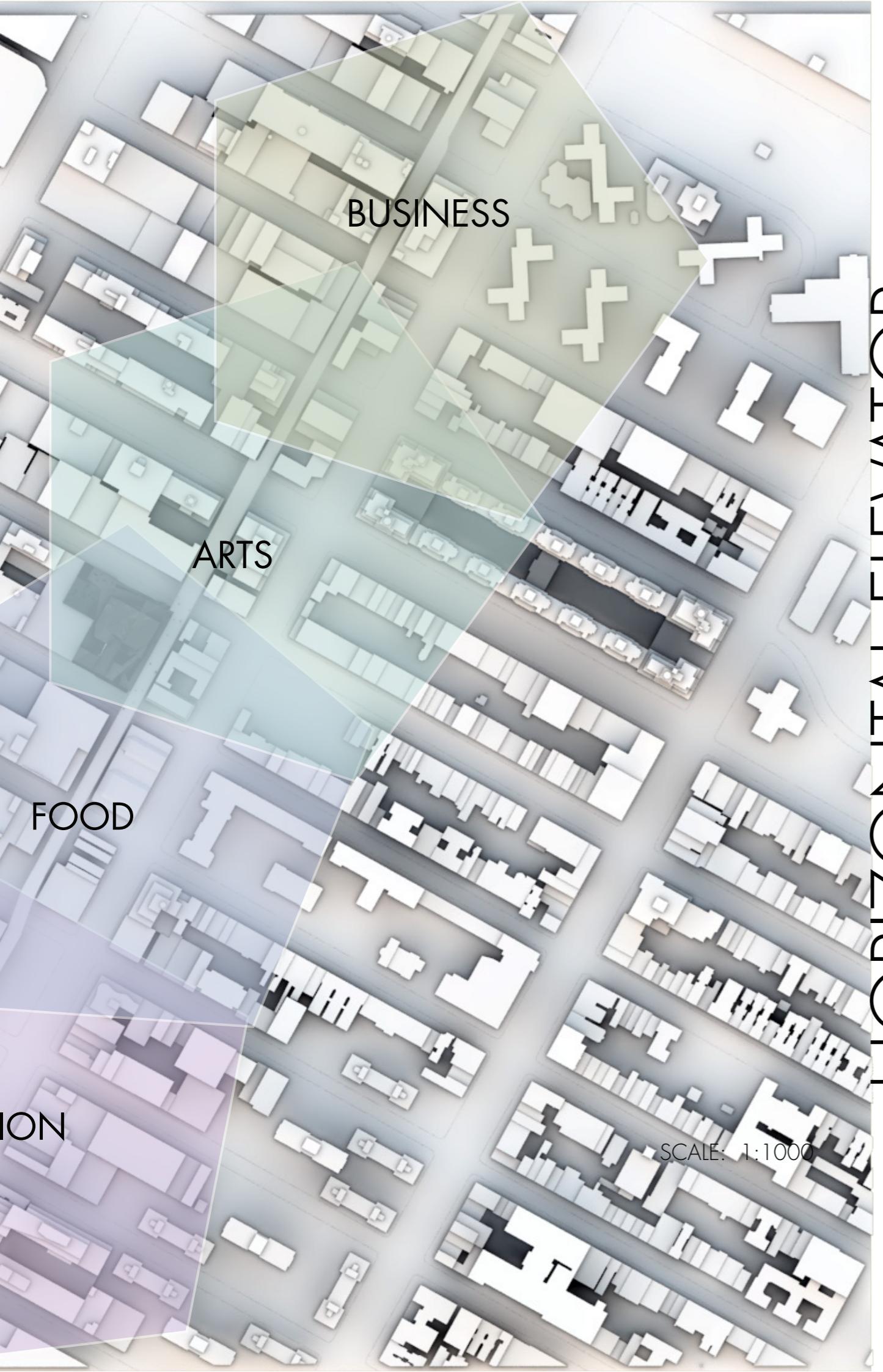


WHEN A BUSINESS MAN'S
DAY DREAM

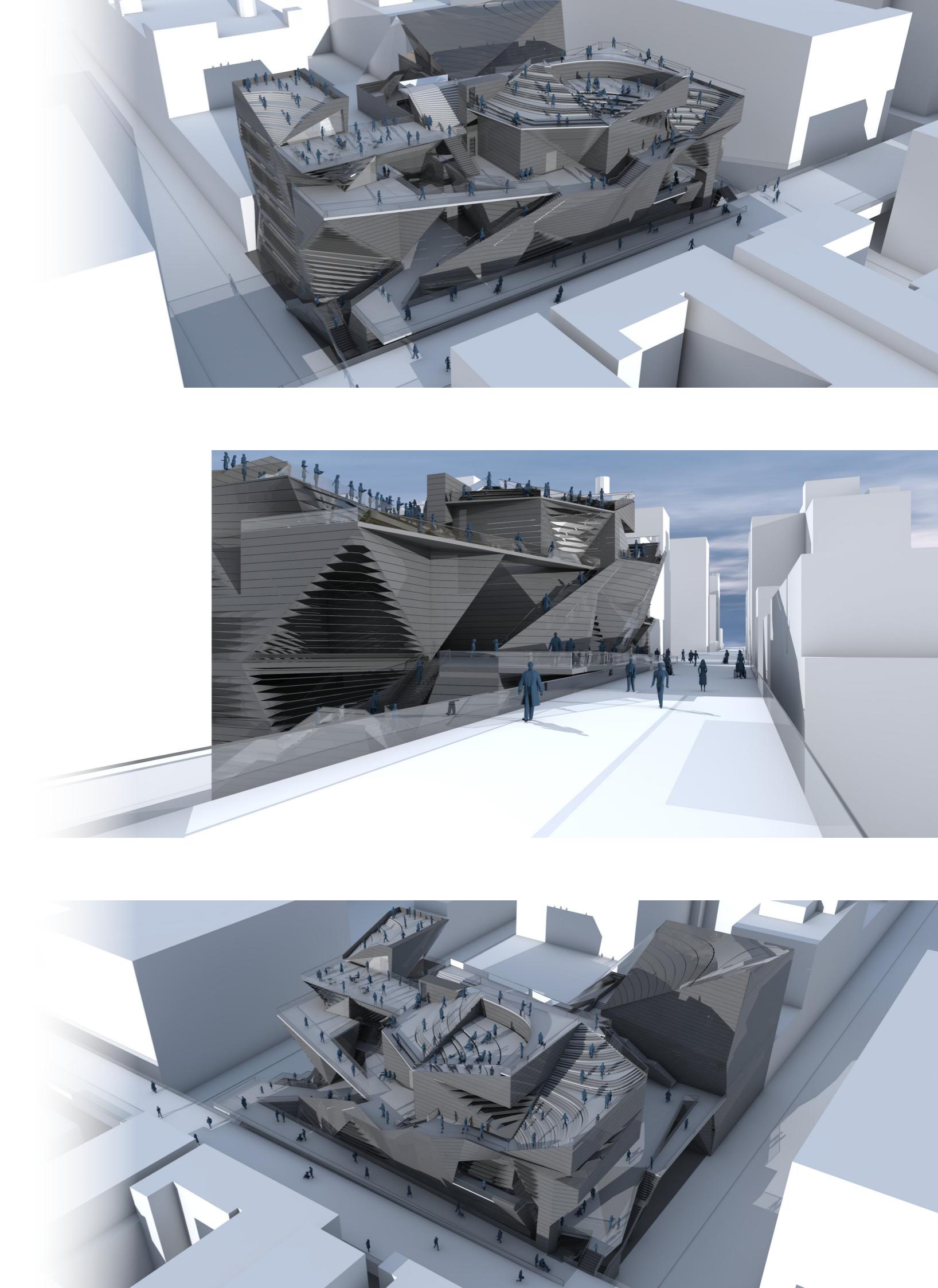


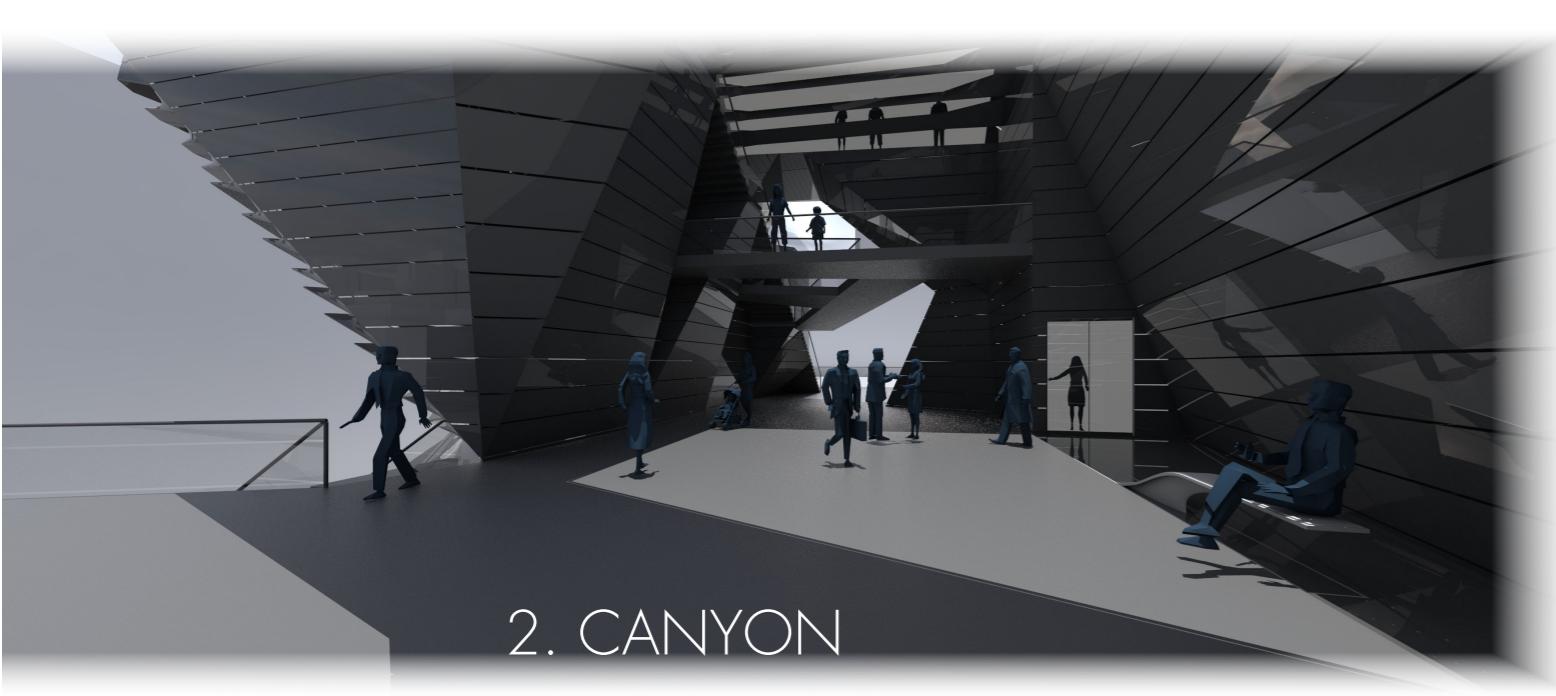
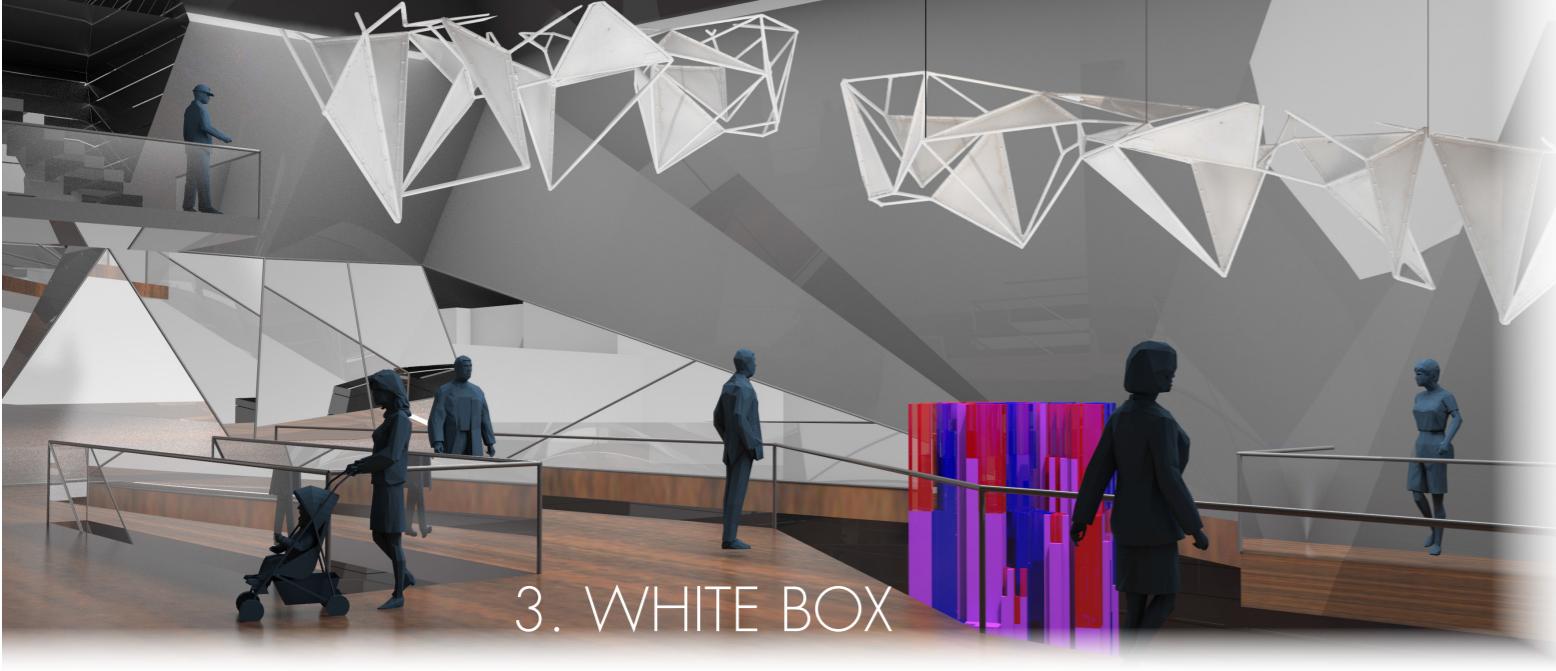
BECOMES A HIKER'S
REALITY



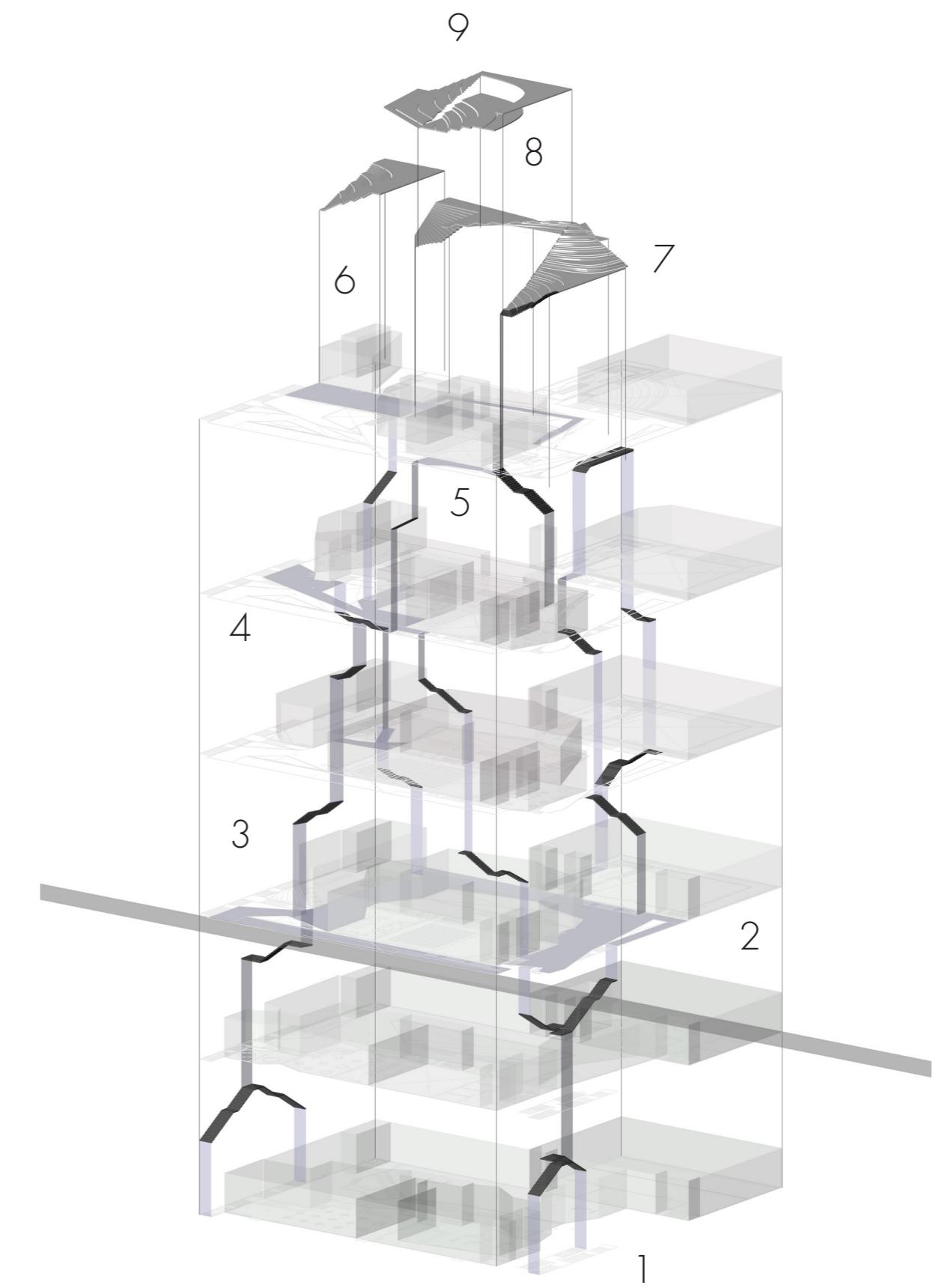


HORIZONTAL ELEVATOR

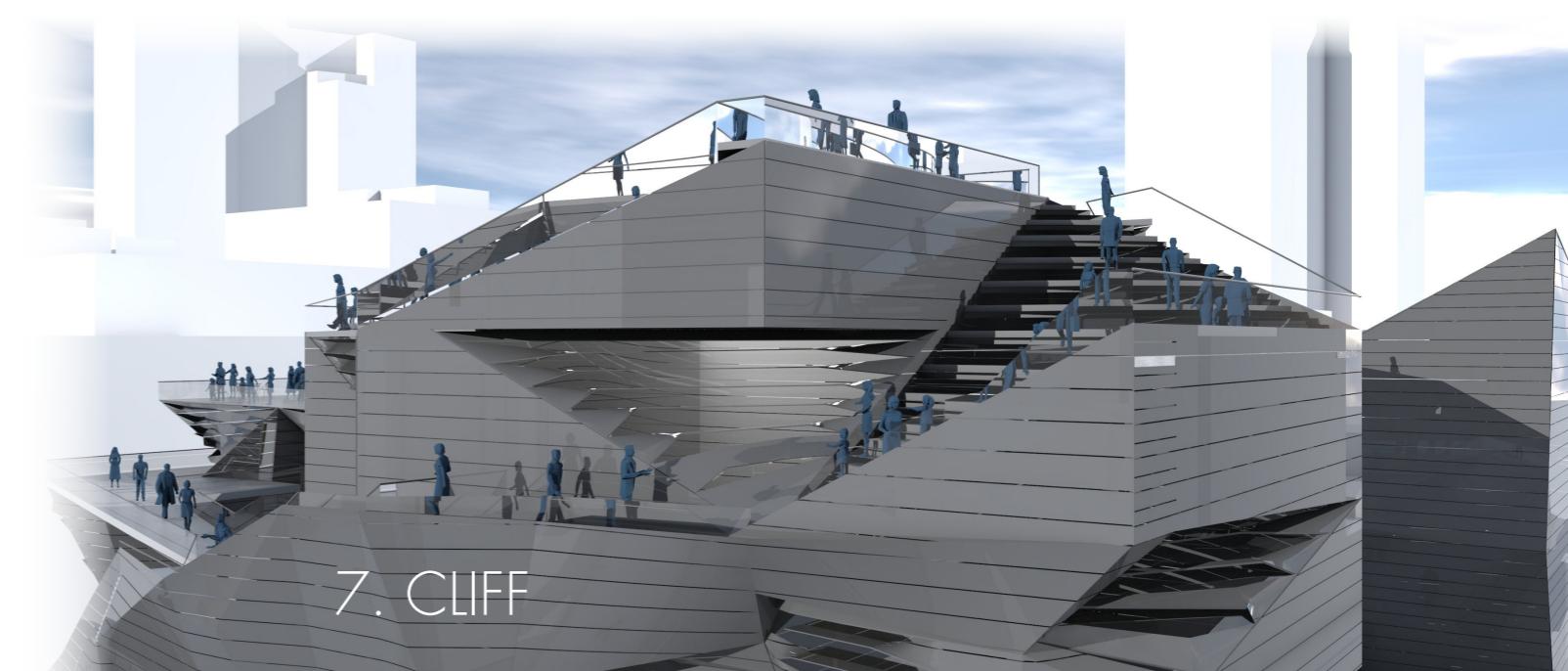
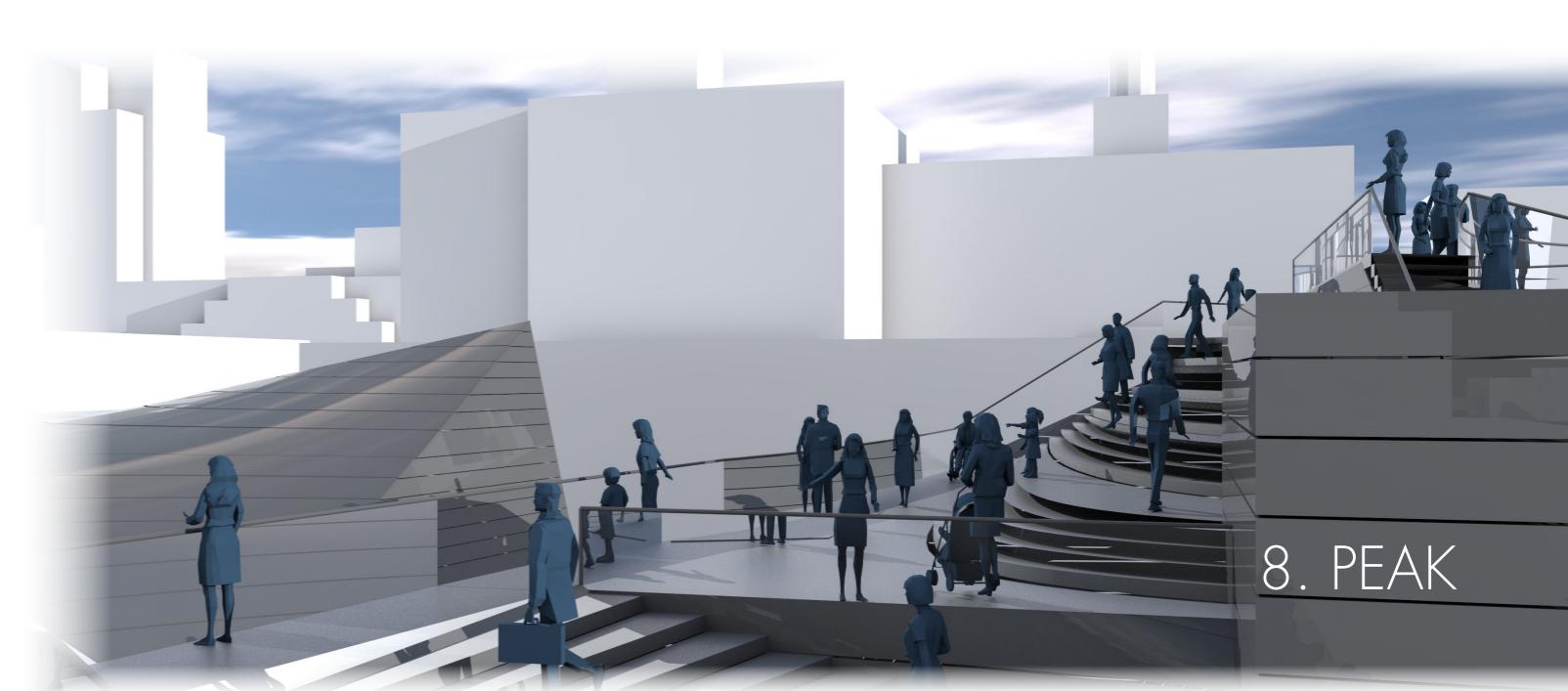
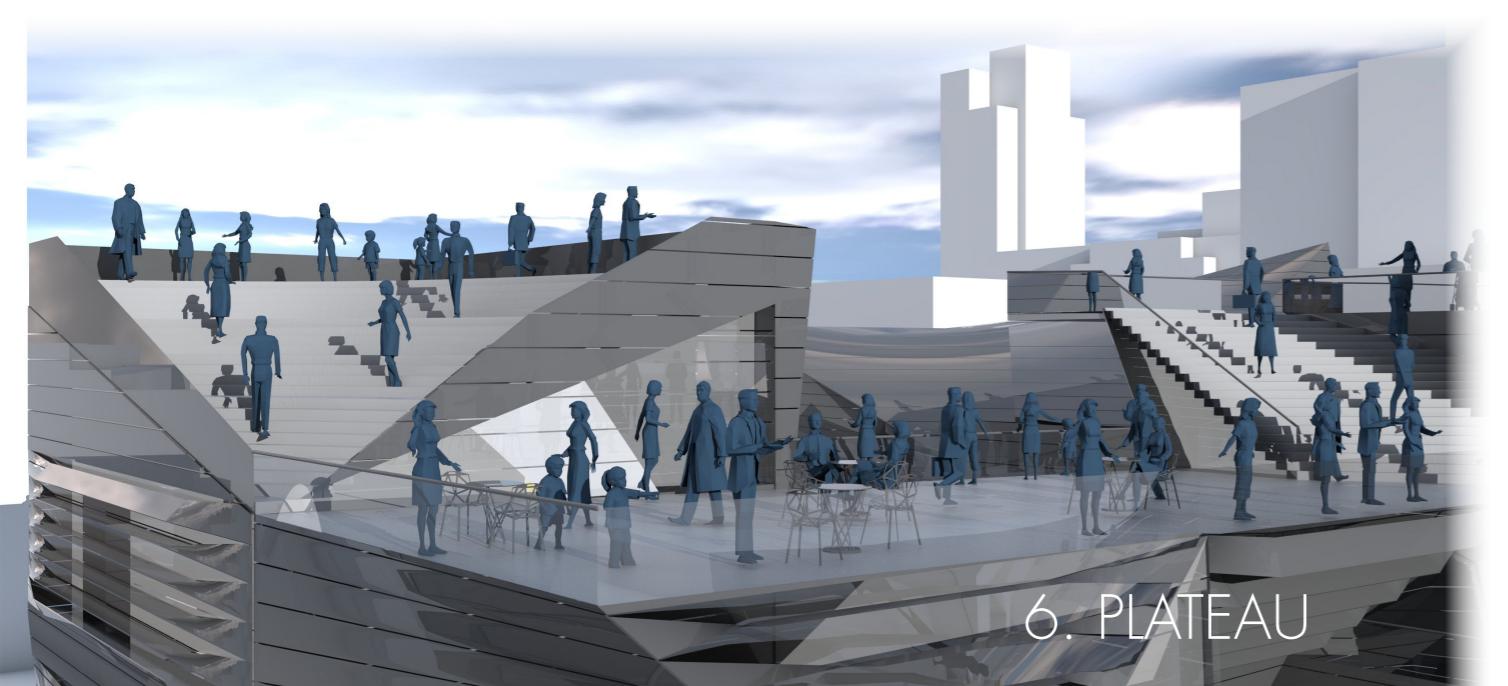
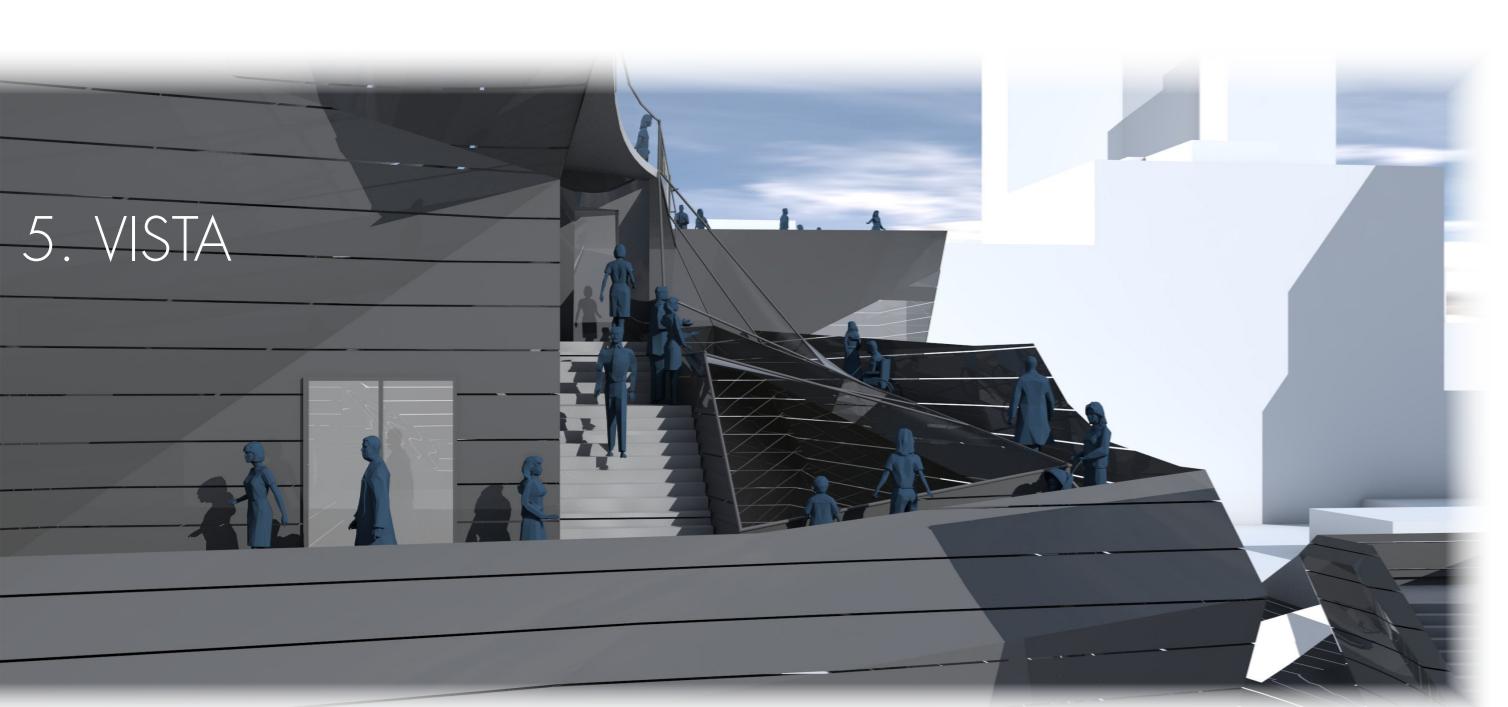
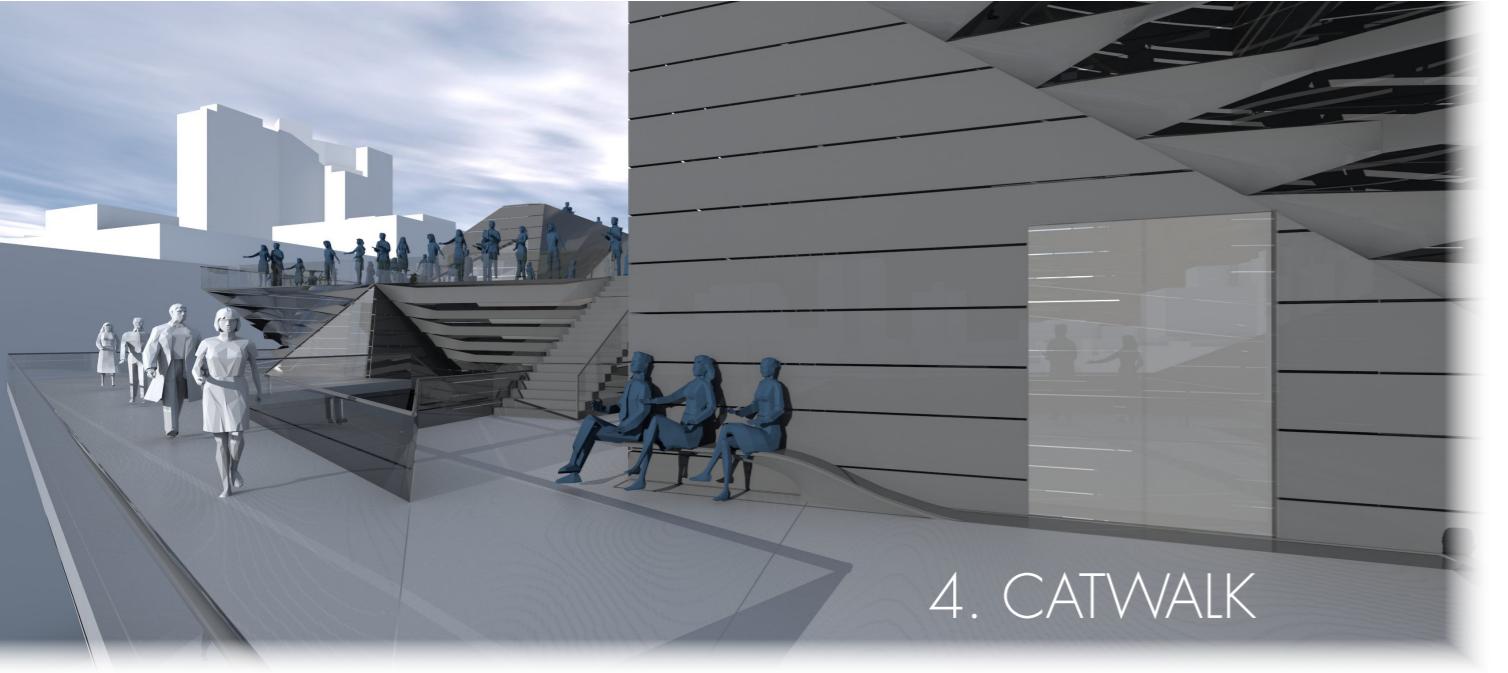


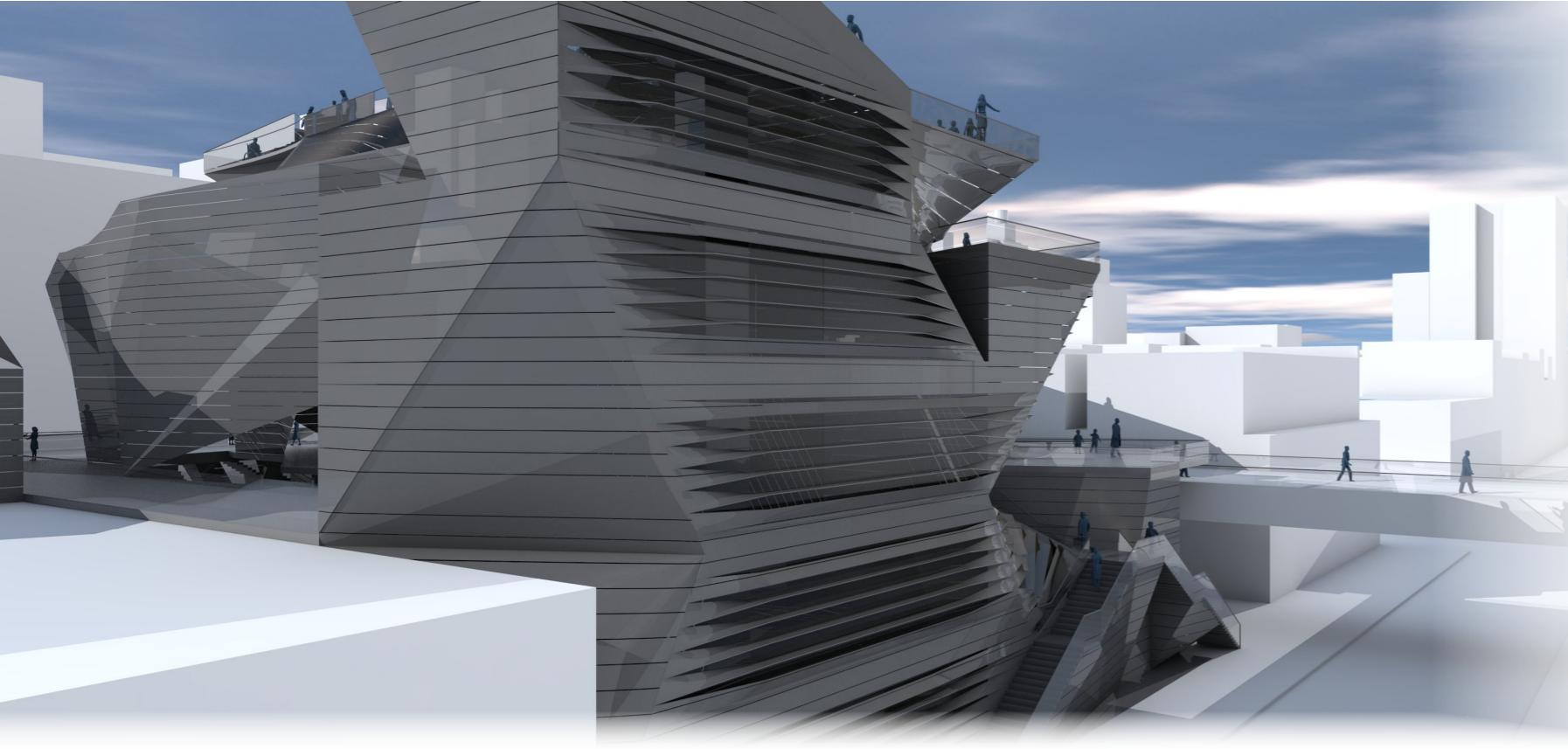


urban

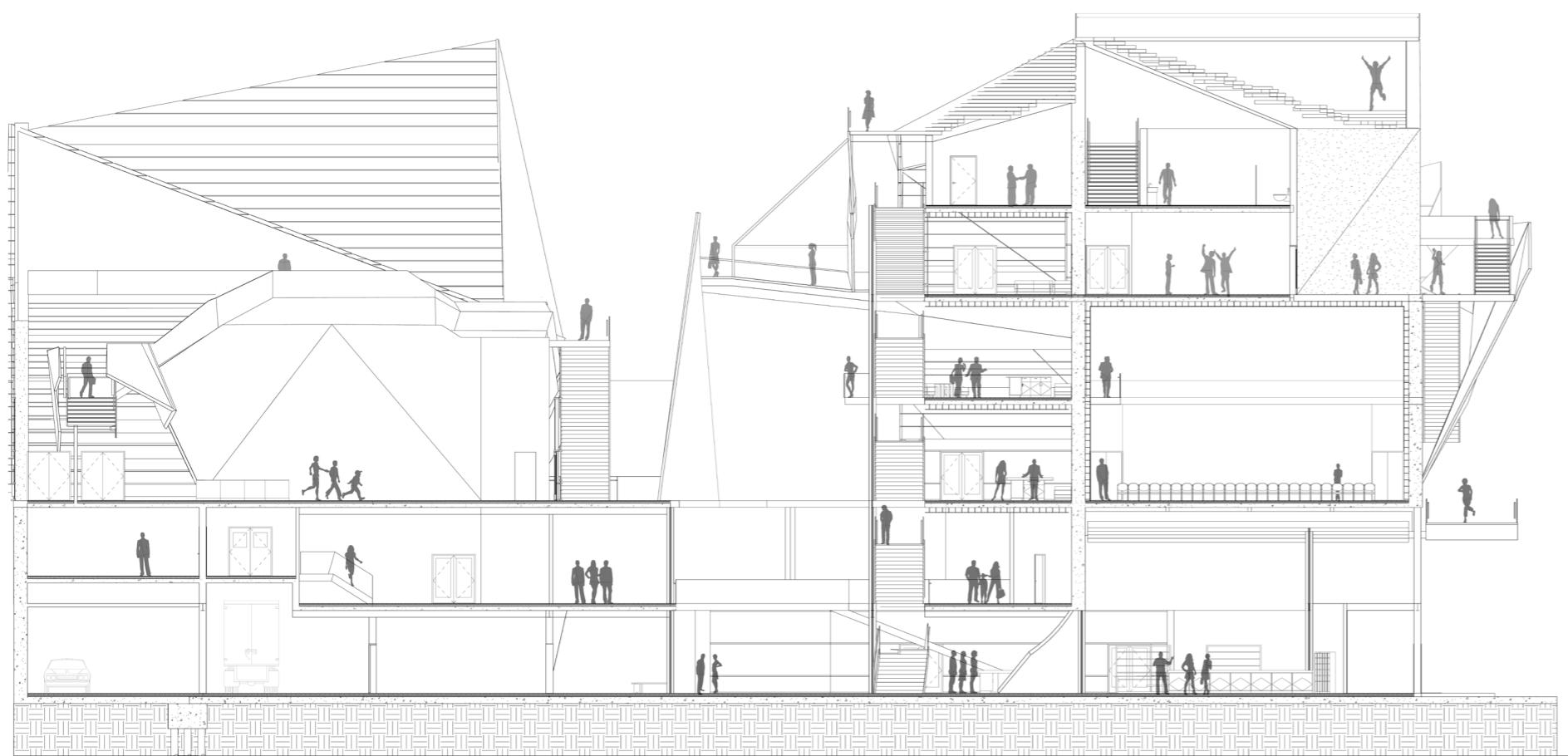


hike

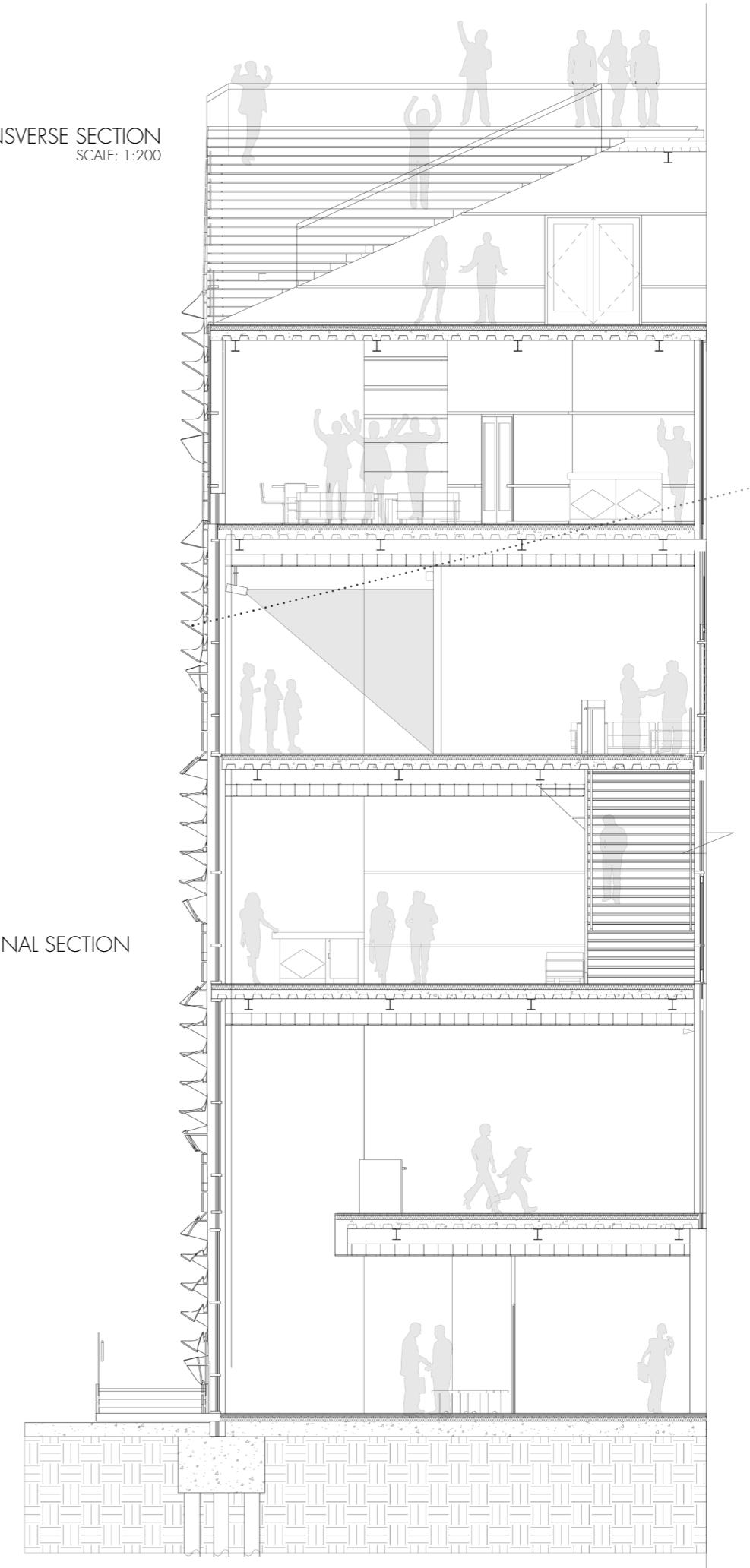




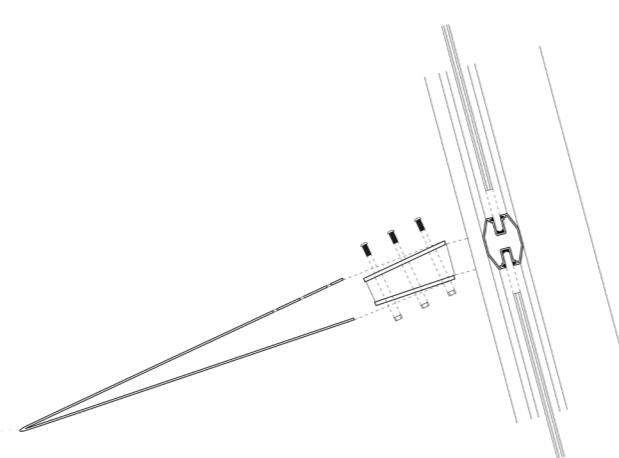
TRANSVERSE SECTION
SCALE: 1:200



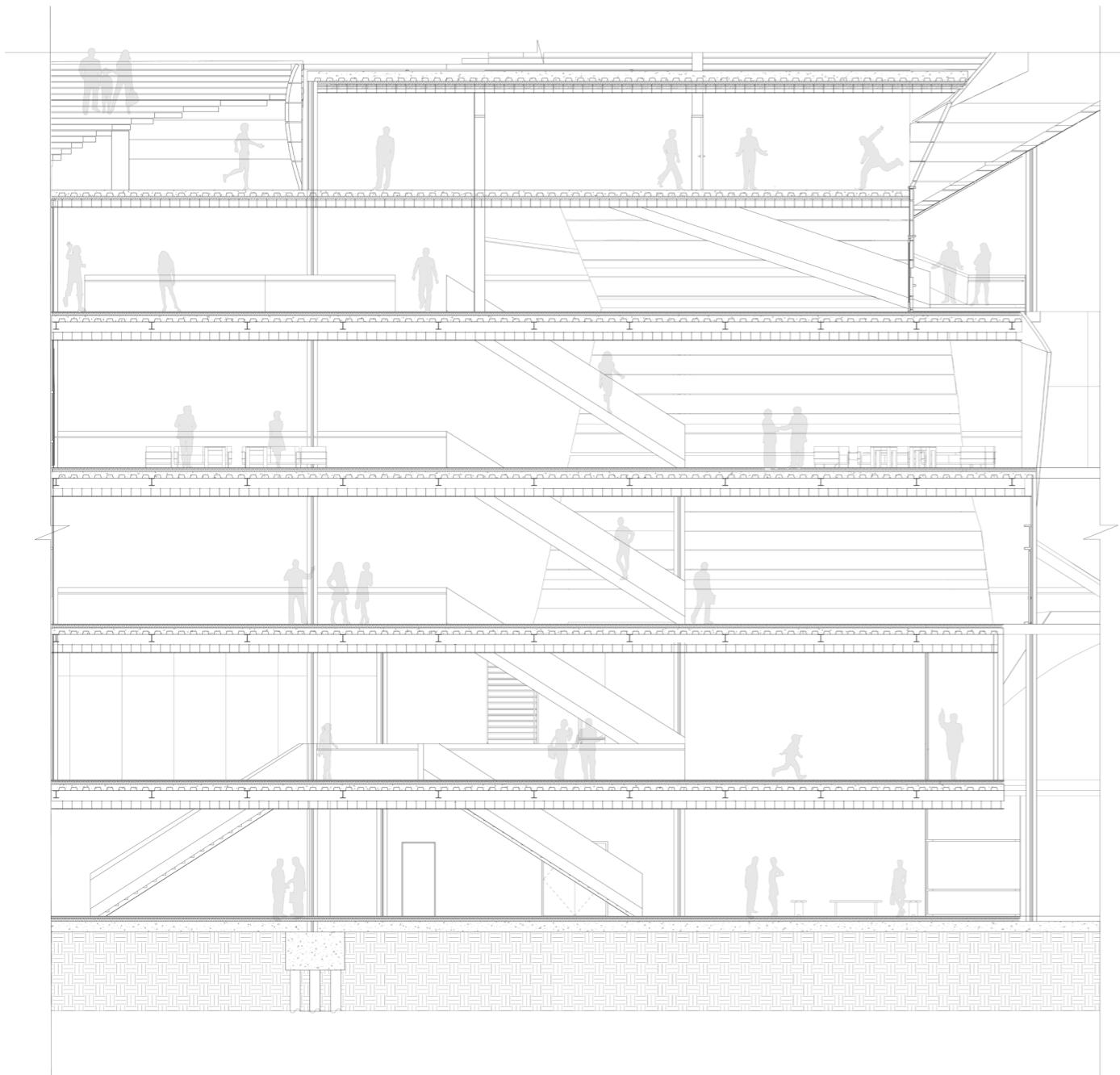
LONGITUDINAL SECTION
SCALE: 1:200



NIGHTLIFE.



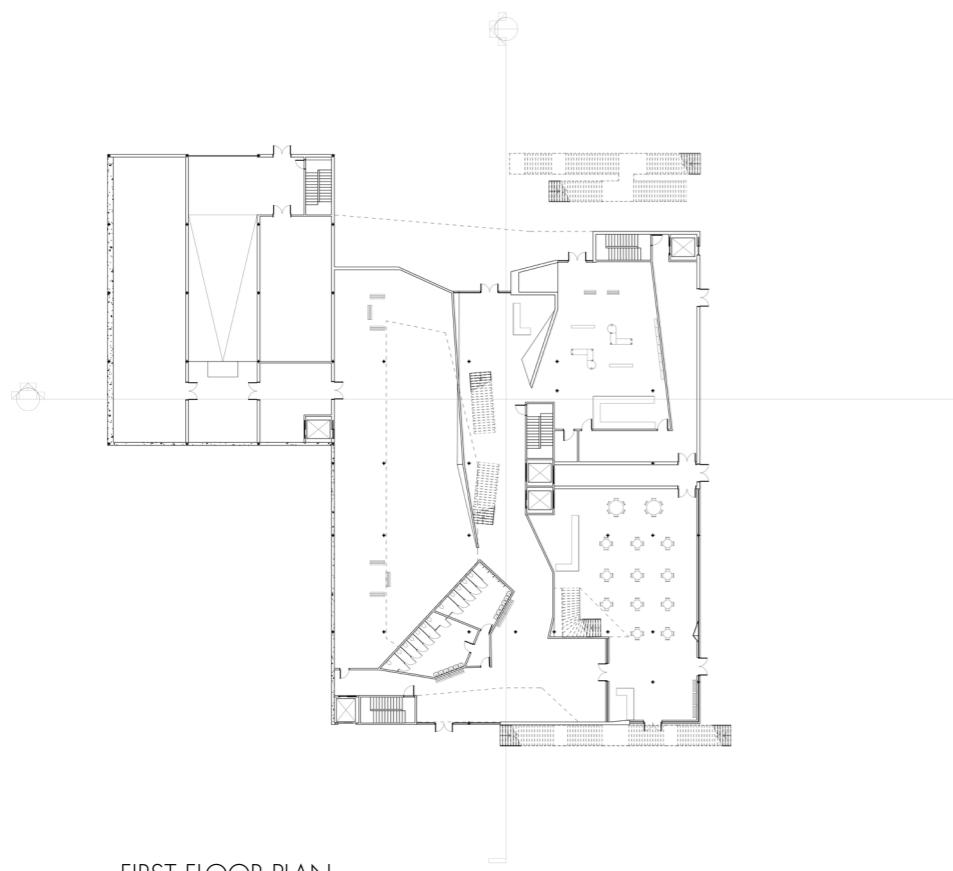
LOUVER ATTACHMENT



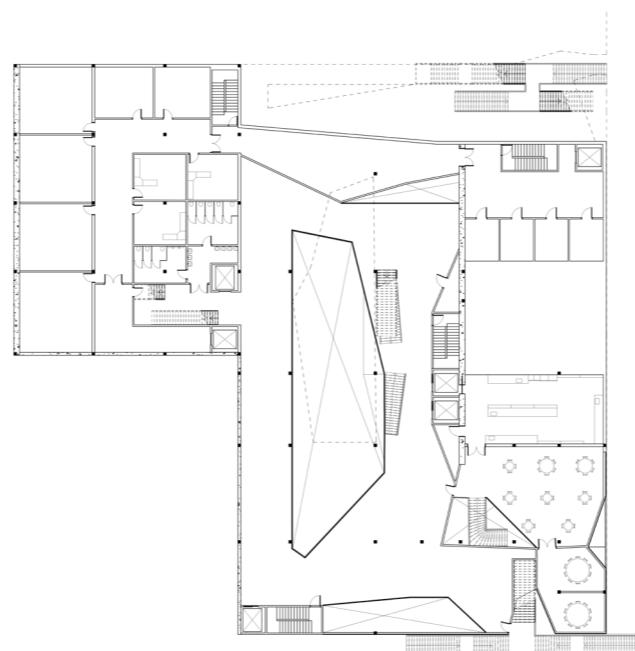
CONCERT HALL.



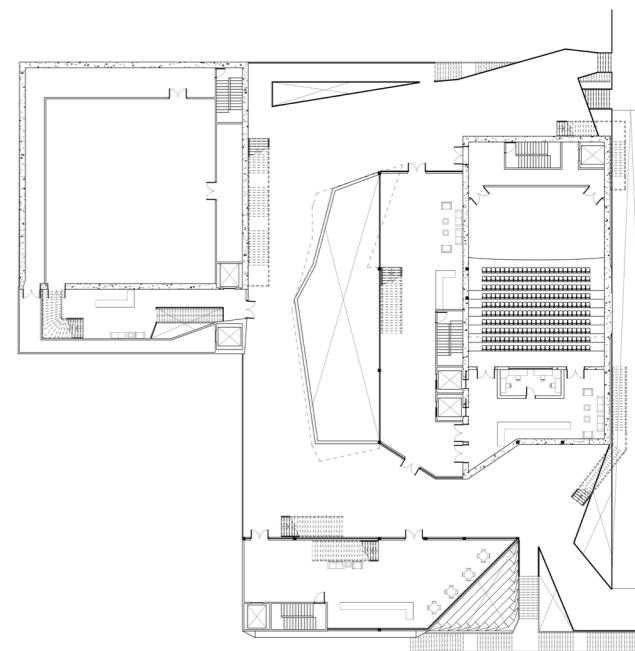
BLACK BOX.



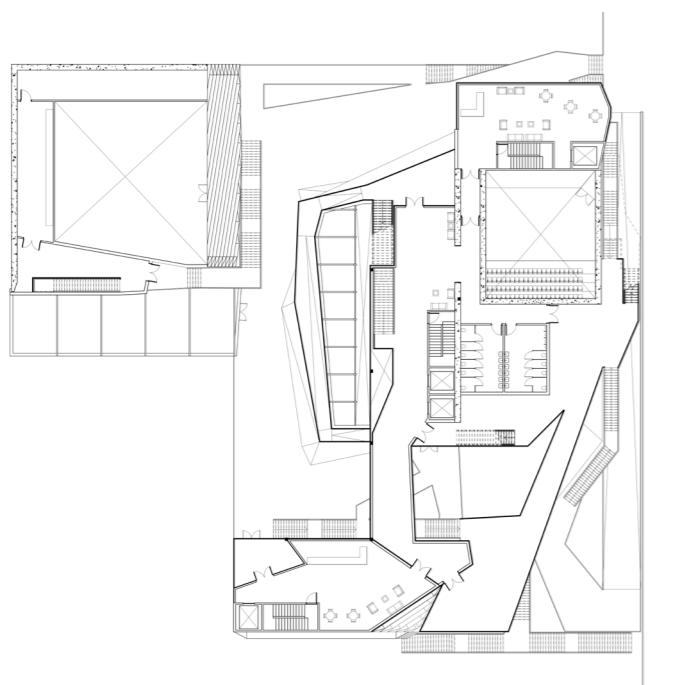
FIRST FLOOR PLAN
SCALE: 1:200



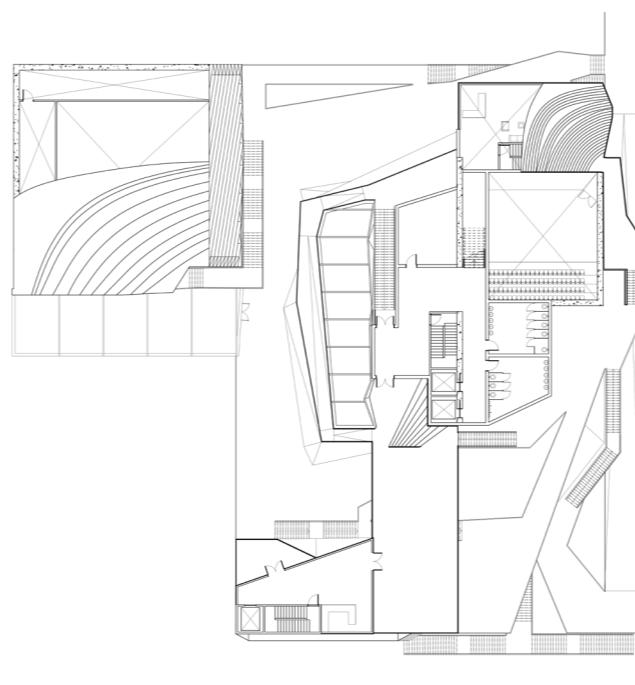
SECOND FLOOR PLAN
SCALE: 1:200



THIRD FLOOR PLAN
SCALE: 1:200



FIFTH FLOOR PLAN
SCALE: 1:200



SIXTH FLOOR PLAN
SCALE: 1:200

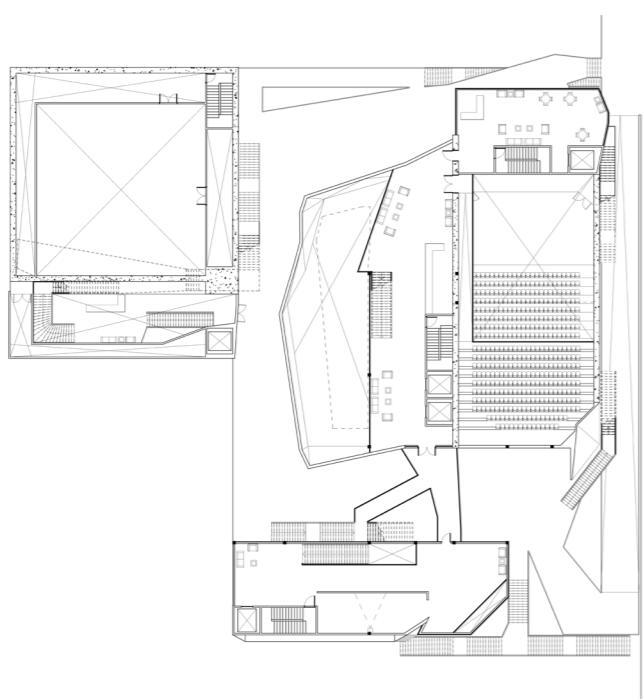
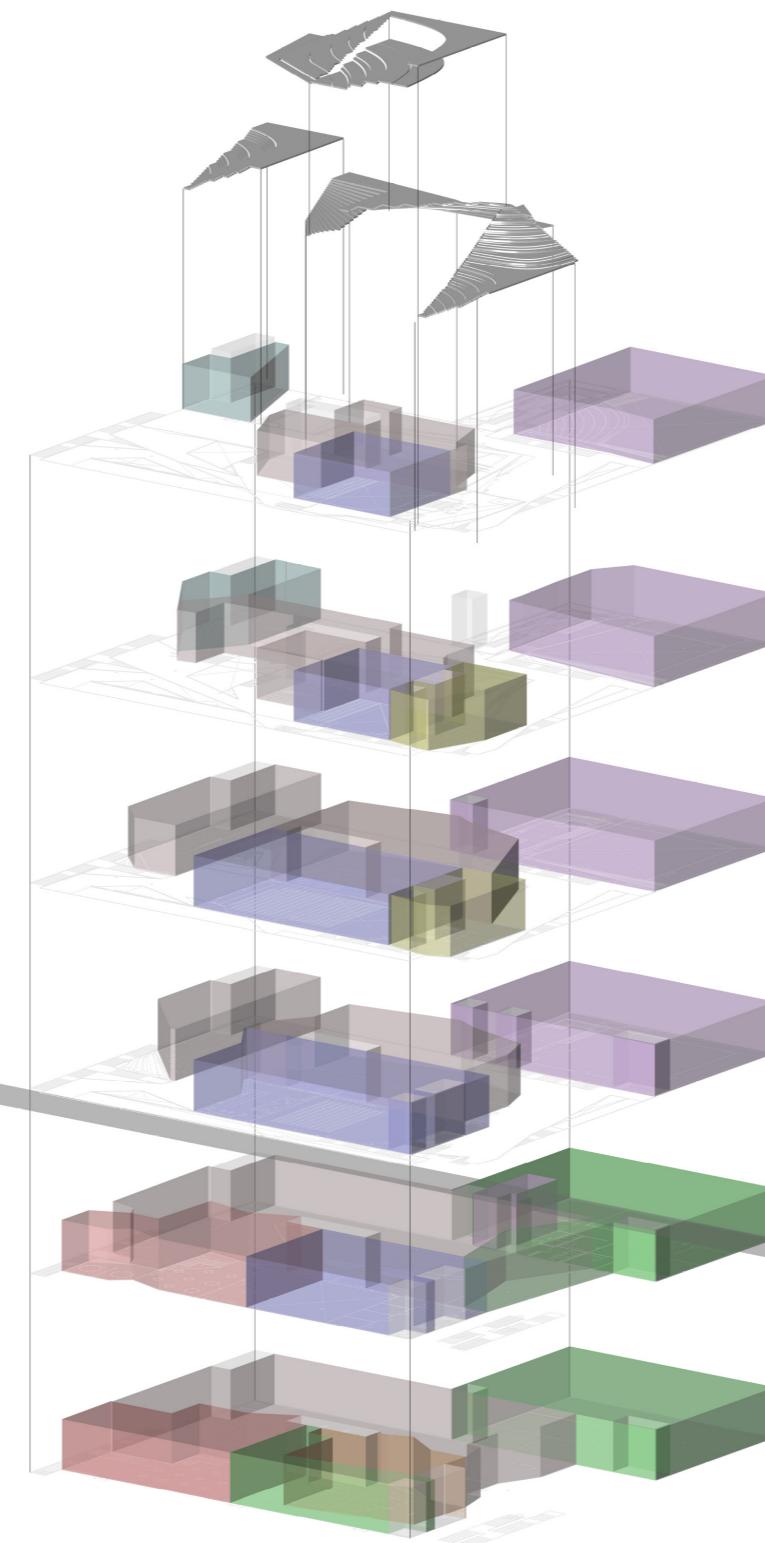


ROOF PLAN
SCALE: 1:200

v
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program

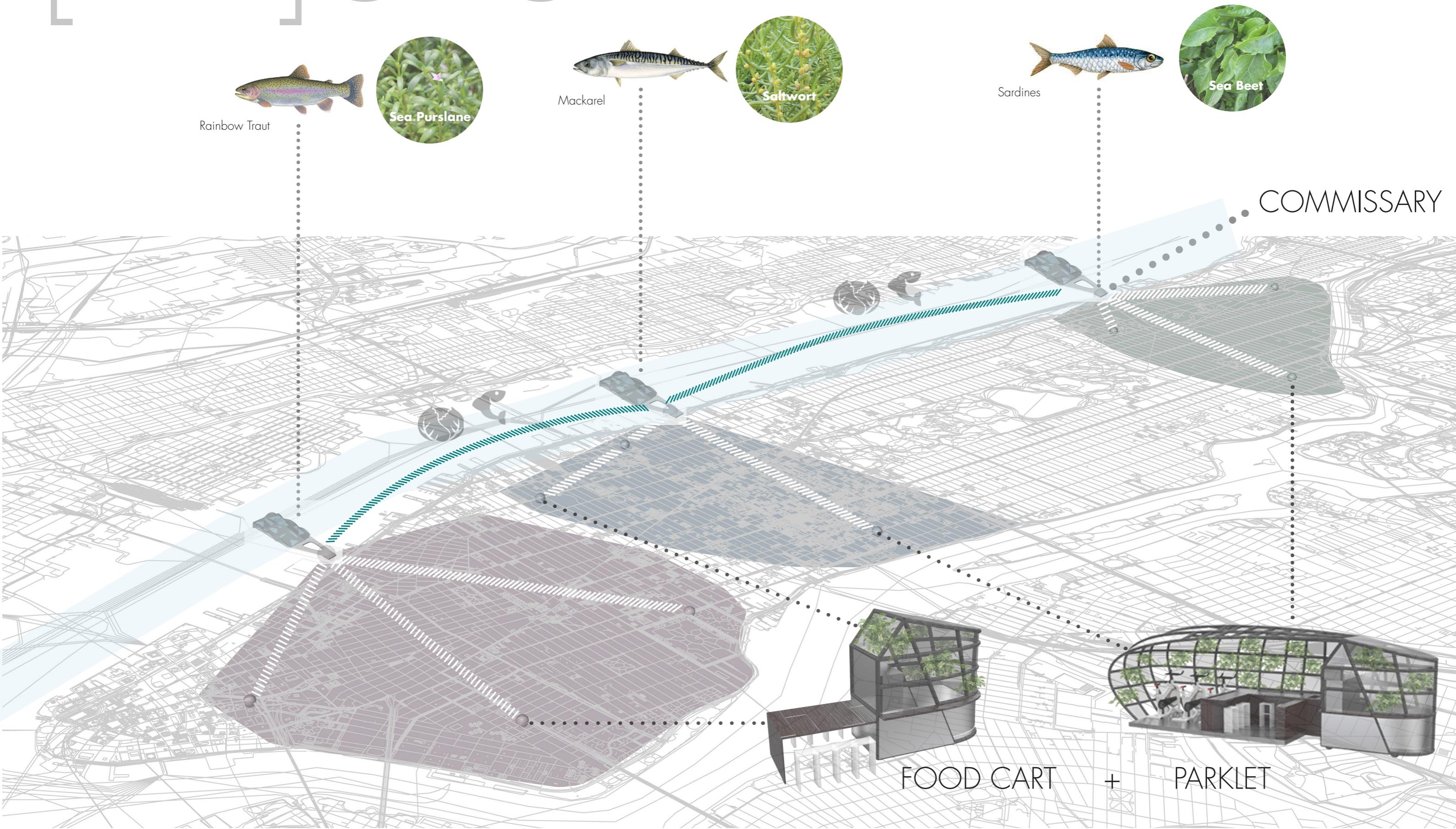
- WHITE BOX
- CONCERT HALL
- BLACK BOX
- MOLECULAR GASTRONOMY
- BACK OF HOUSE
- GIFT SHOP
- PATRON'S SUITE
- ROOFTOP BAR

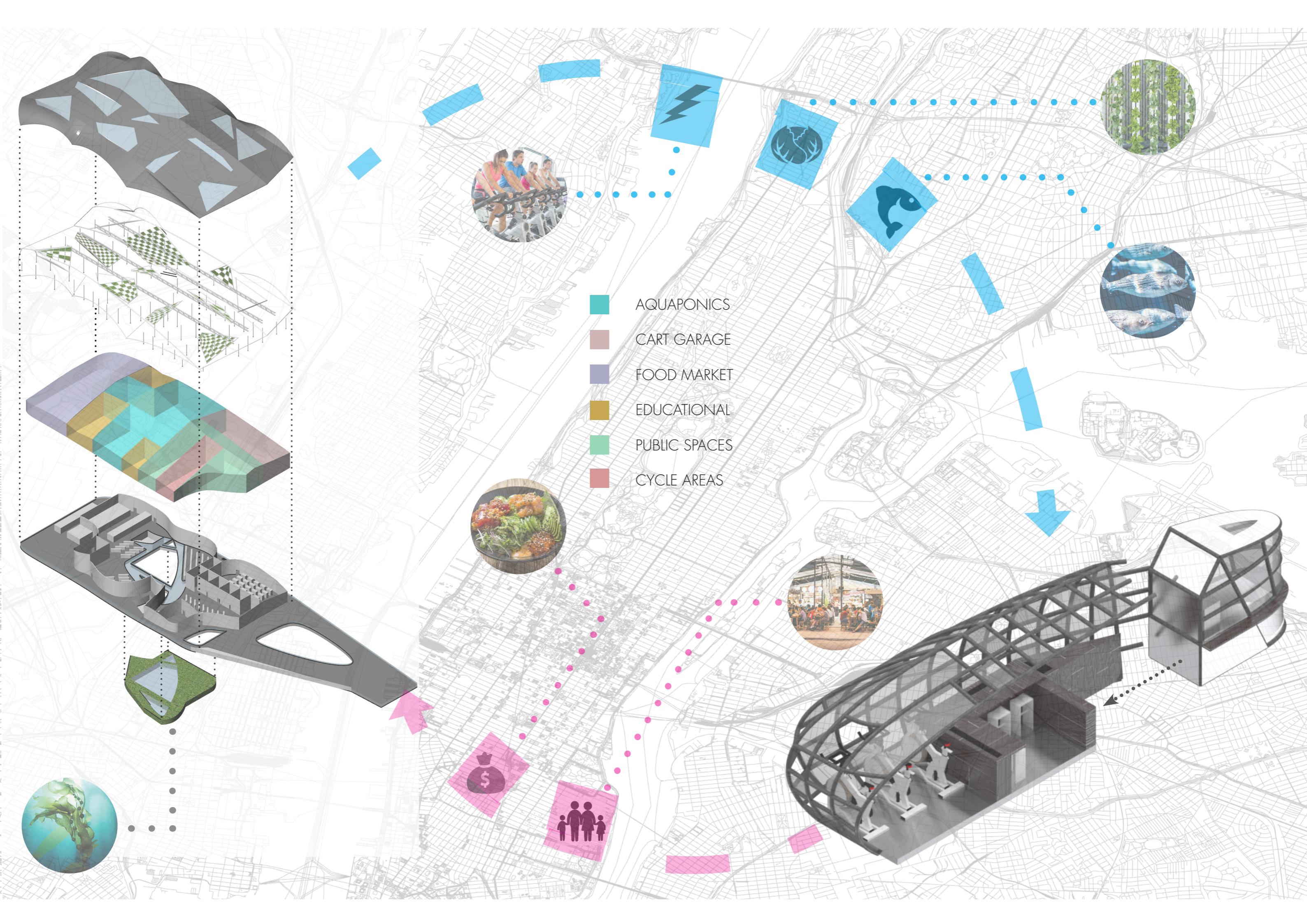


TOPOGRAPHIC DIAGRAM

[LIFE]CYCLE

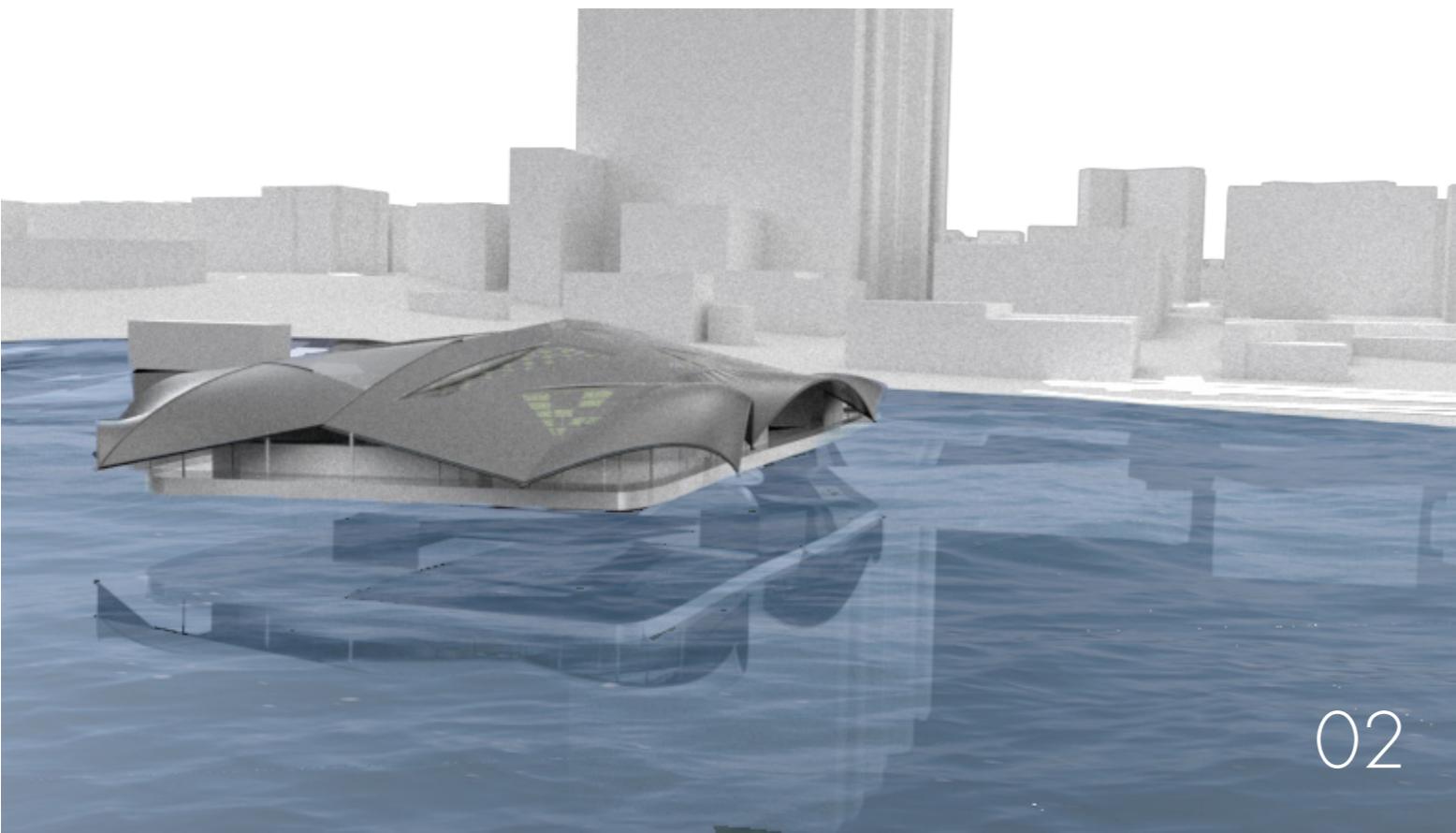
GOAL: To design a mutually symbiotic food cart and commissary system that stimulates community involvement while promoting health and ecological awareness to the city of Manhattan.



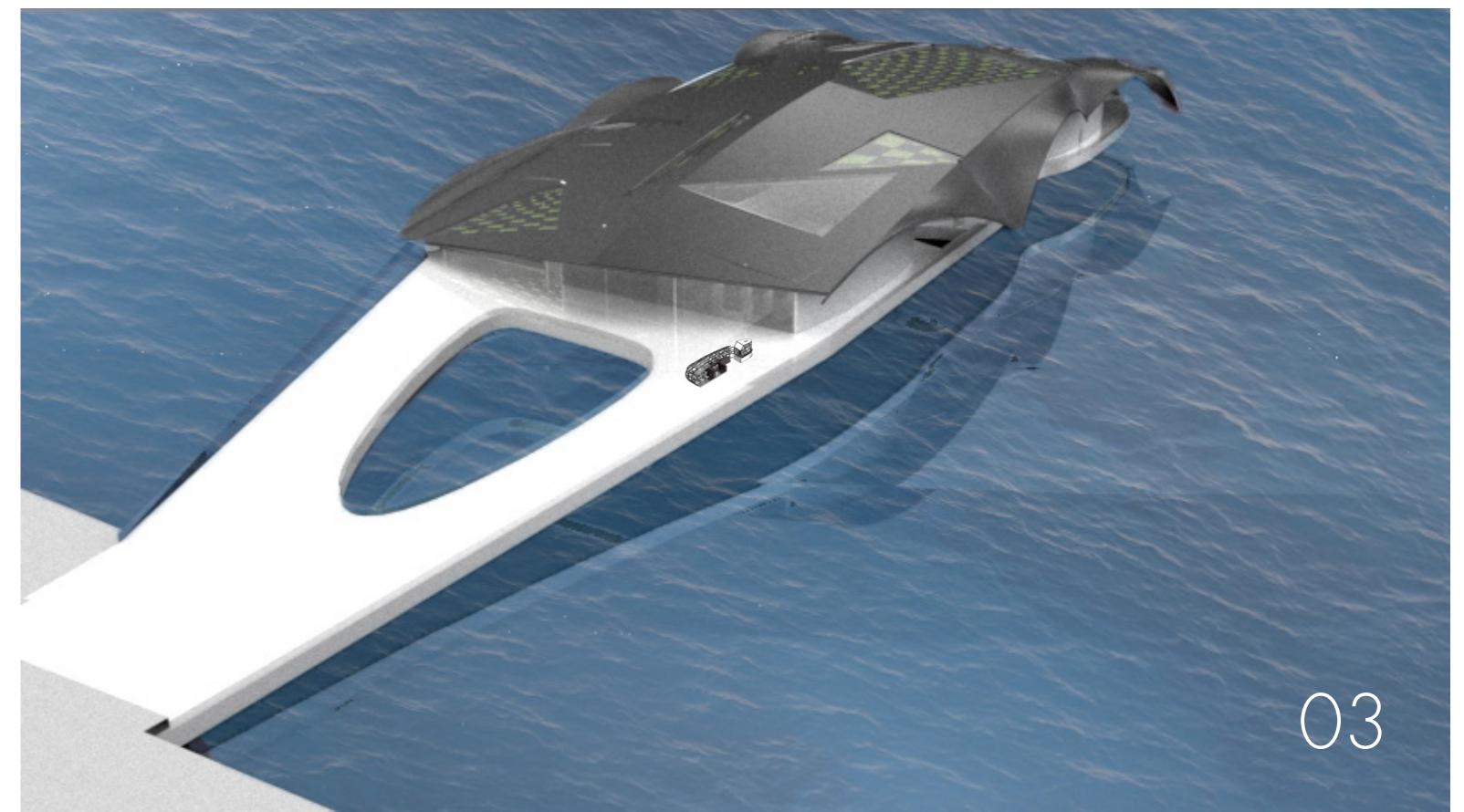




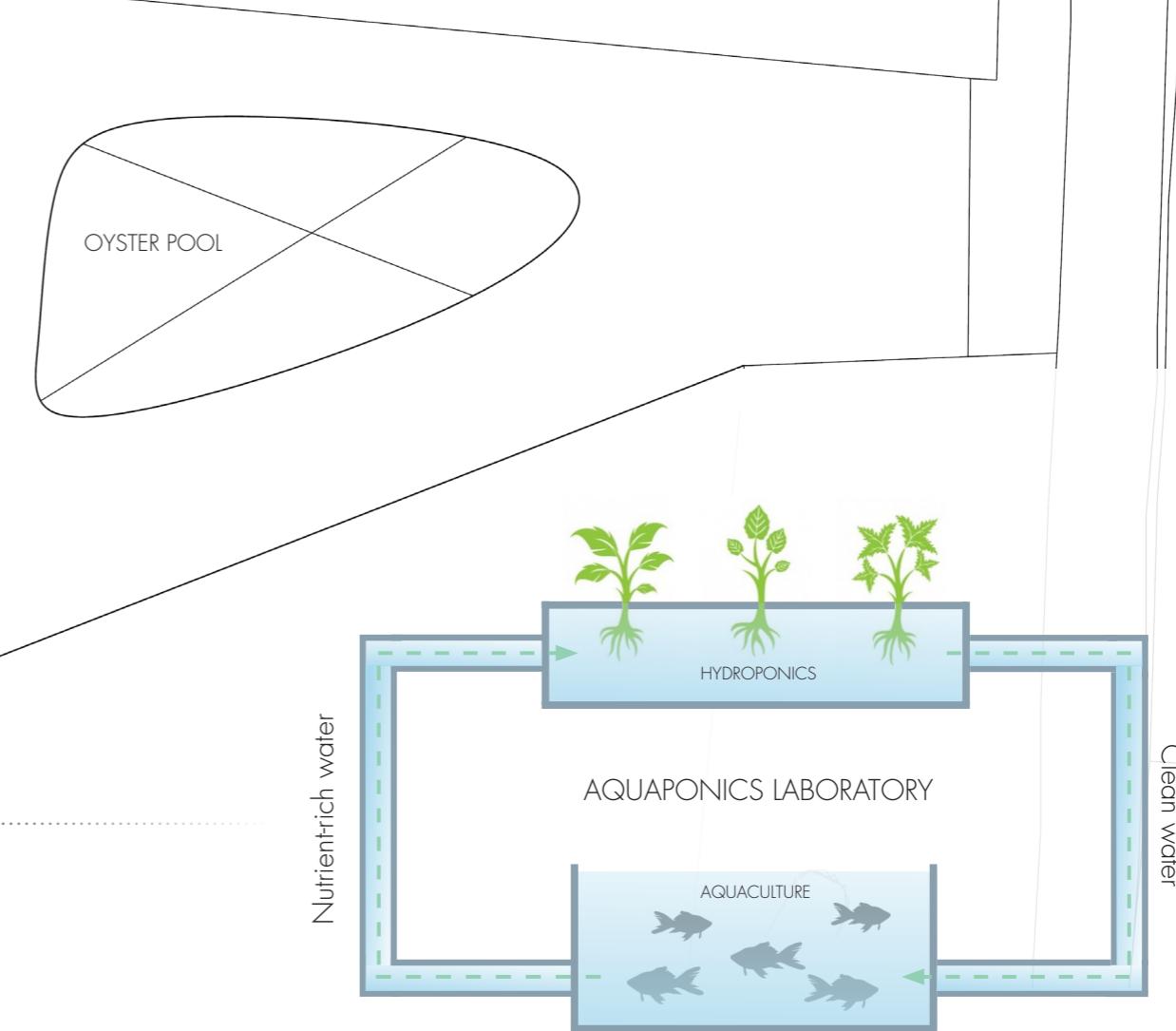
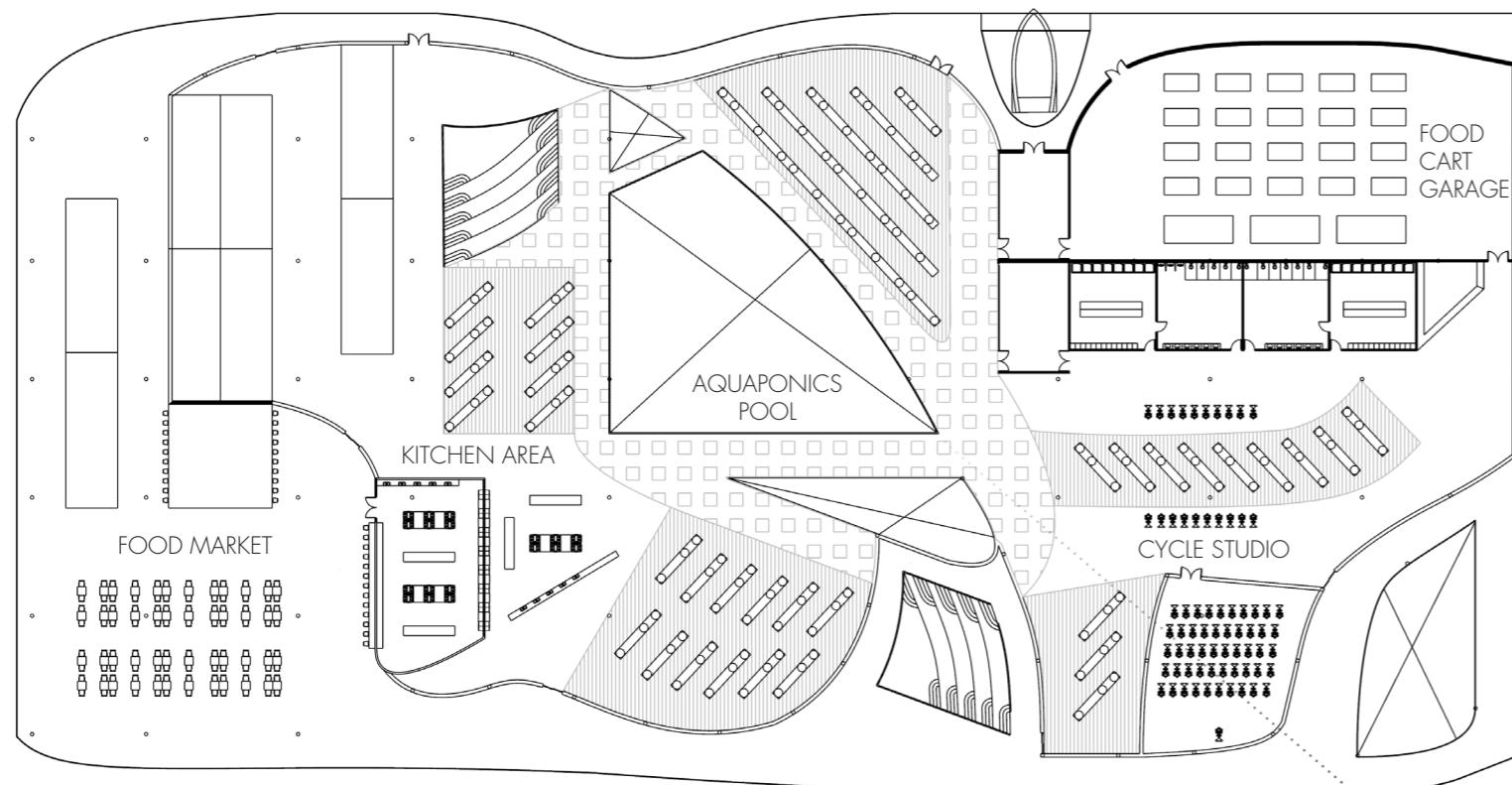
aquaponica 01

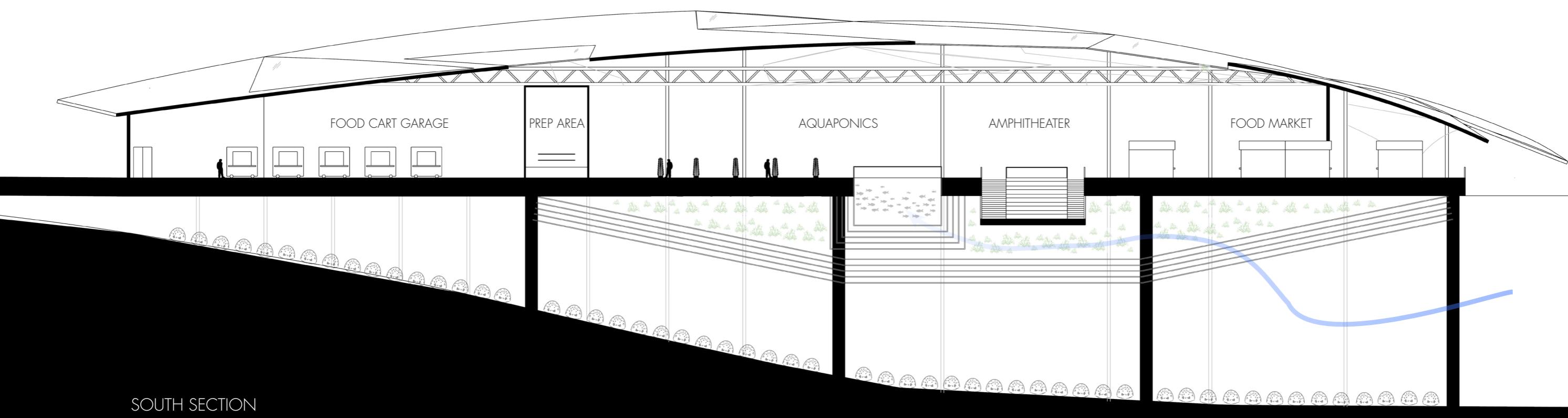
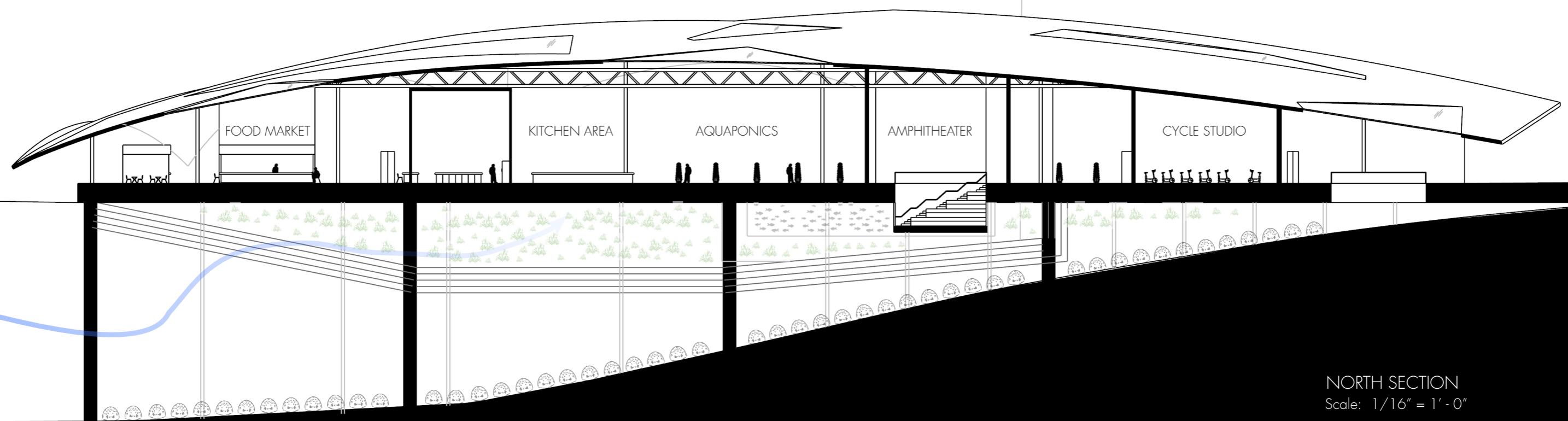


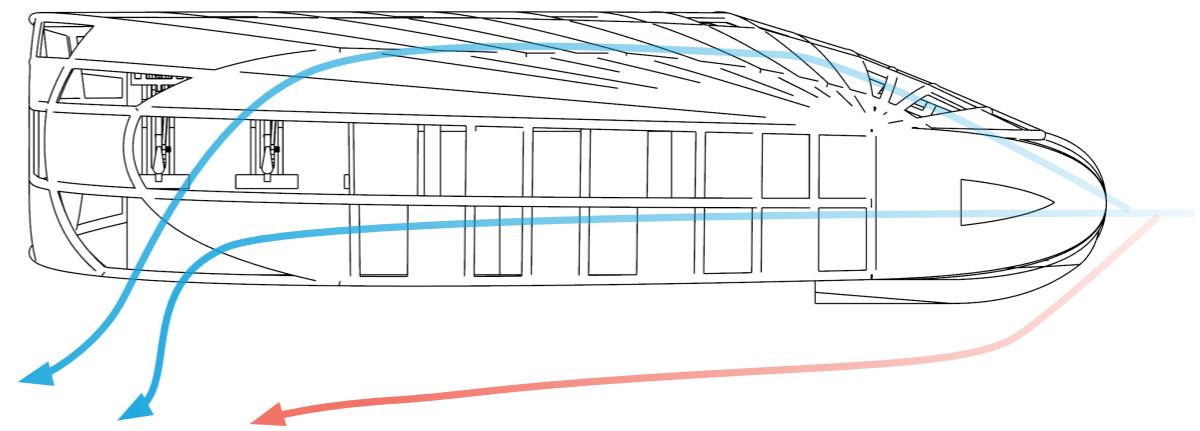
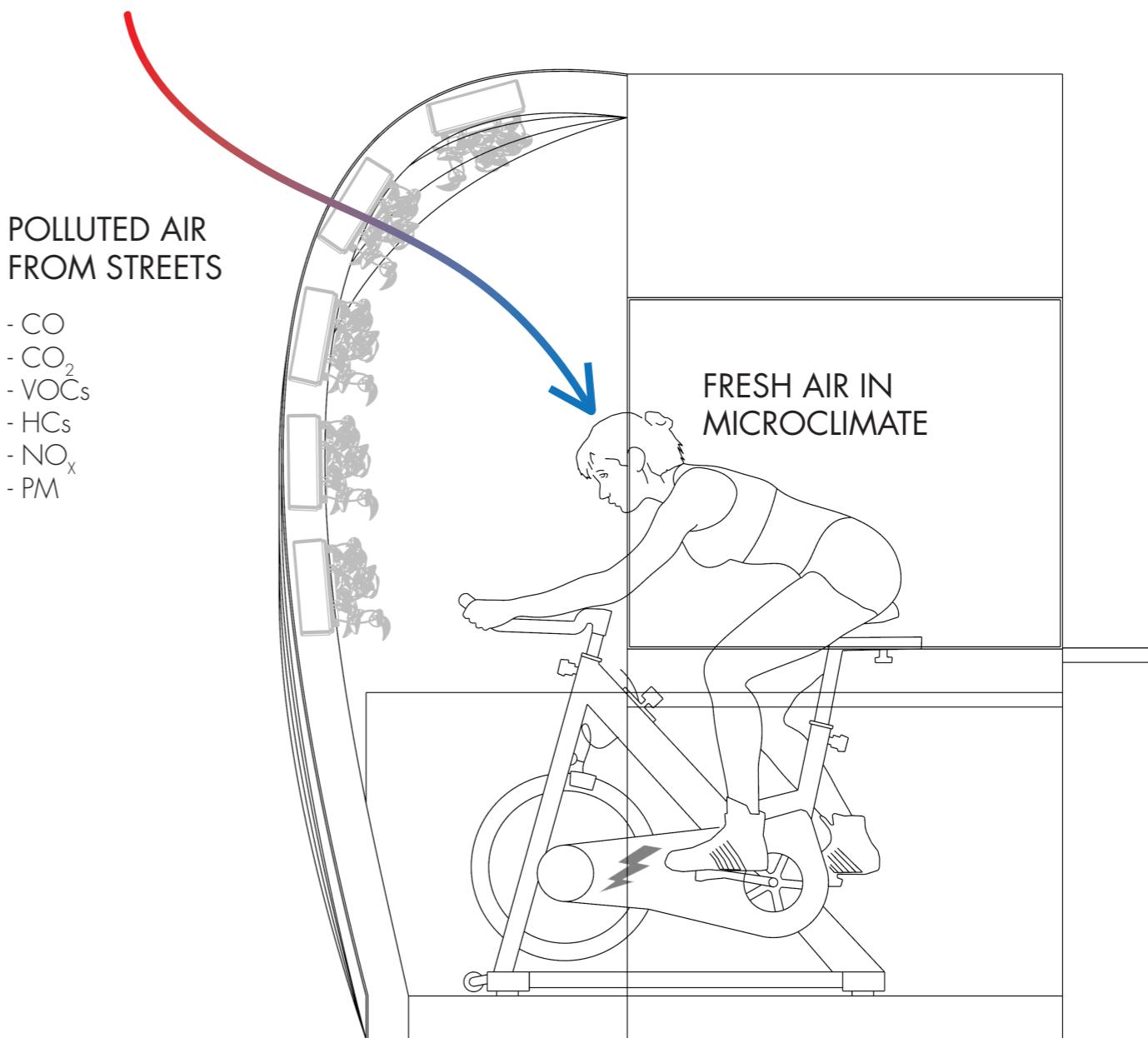
02

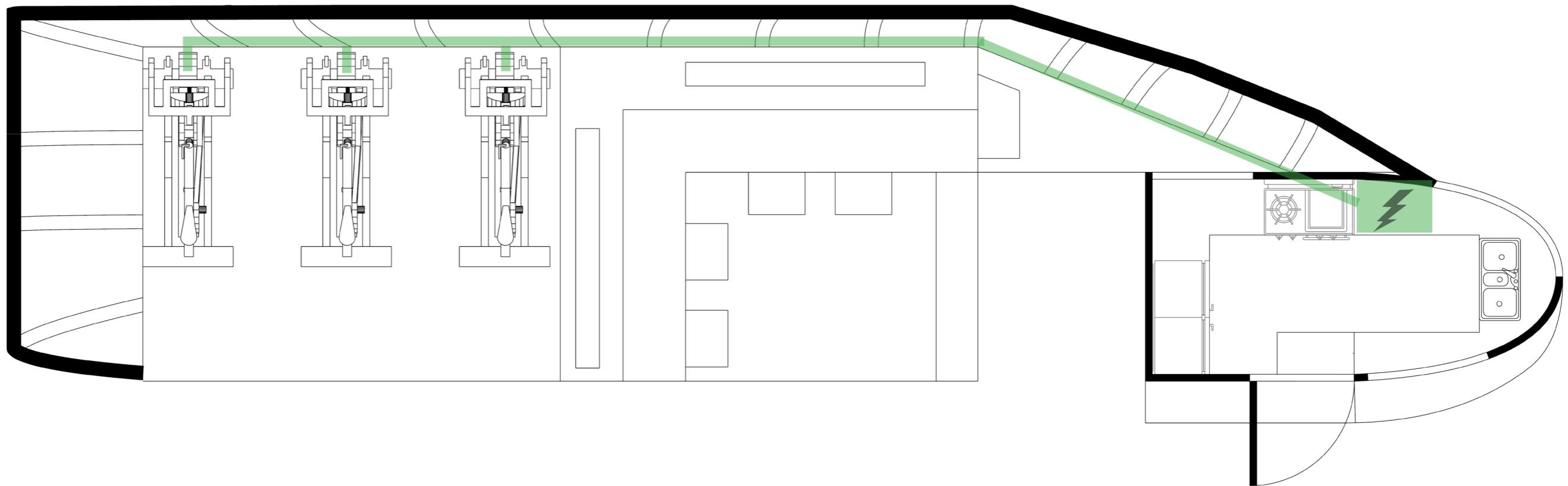


03

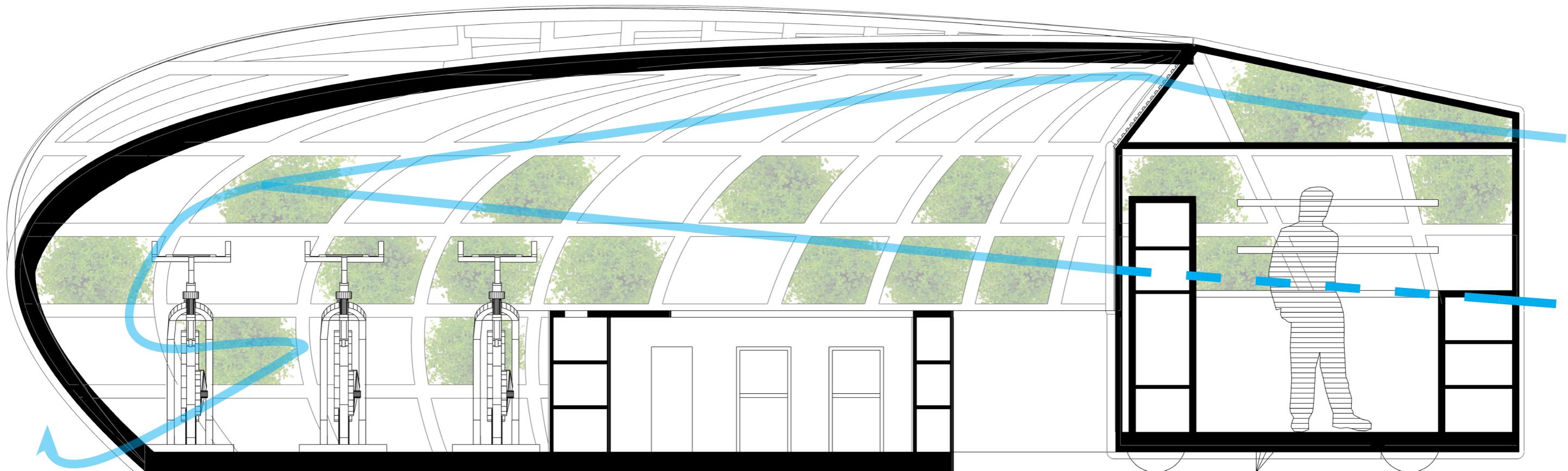




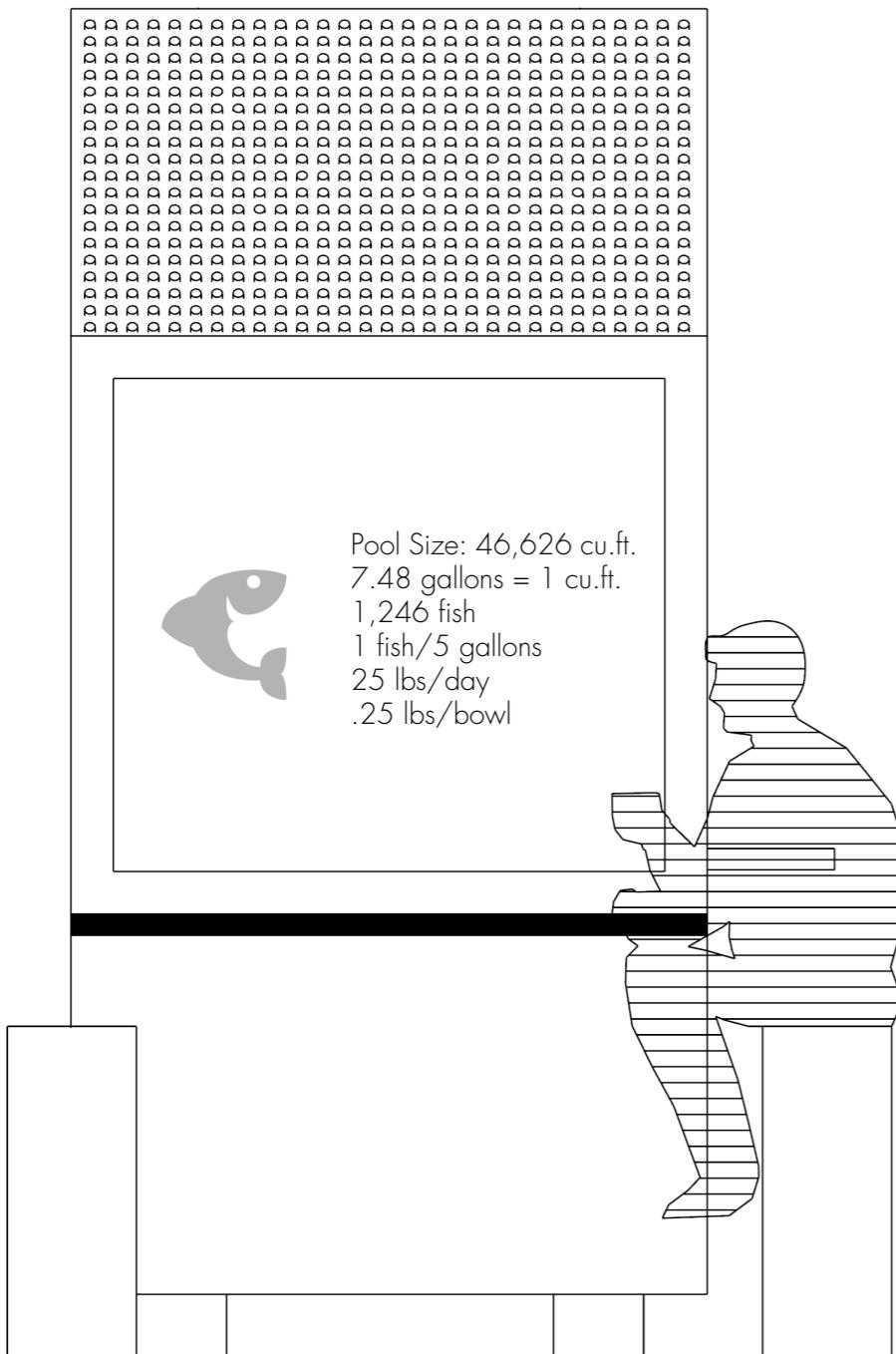




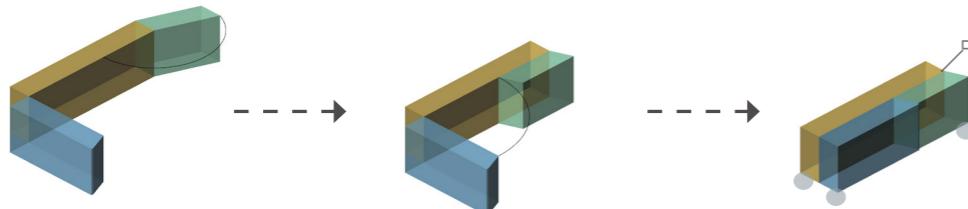
FLOOR PLAN
Scale: $3/4'' = 1' - 0''$



SECTION
Scale: $3/4'' = 1' - 0''$



POKE BOWL CART



WASTE COLLECTION



MONUMENT SQUARE RESIDENCE



GOAL: To design a residential housing for students, non-students, and families within the historic downtown area of Monument Square along the Hudson River, as well as developing a strategy to engage the community within the site.

In collaboration with Andrew Reed Loeshelle.

- SITE
- RIVERSIDE PARK
- PARKING GARAGE
- MIXED-USE
- RESIDENTIAL
- HOTEL

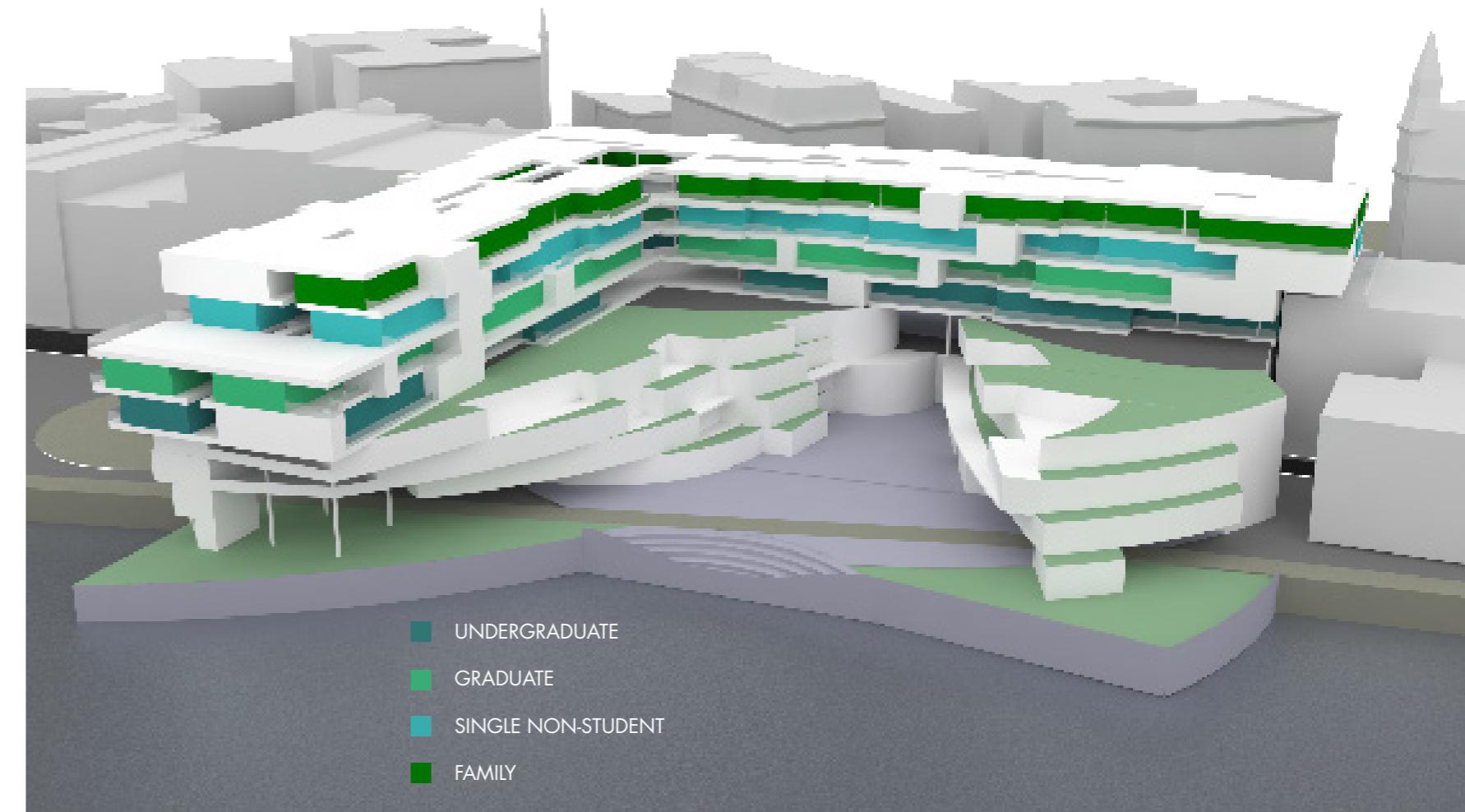
COMPLEX ORGANIZATION

Residential Amenities (6,139 sq.ft.)

Event space (1,650 sq.ft.)
Conference room - Divisible space (625 sq.ft.)
Study rooms
4 Small (100 sq.ft.)
3 Medium (144 sq.ft.)
2 Large (224 sq.ft.)
Fitness center (384 sq.ft.)
Recreational lounge (540 sq.ft.)
Cafe (256 sq.ft.)
Day-care/family space (384 sq.ft.)
Bike Storage (240 sq.ft.)
Administrative offices (500 sq.ft.)

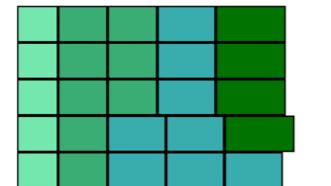
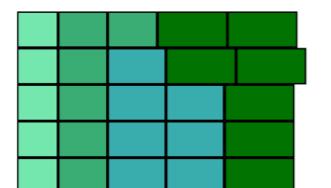
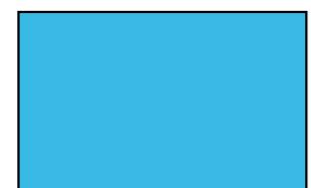
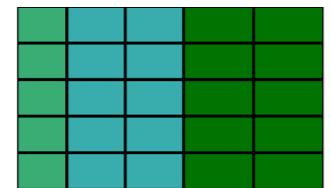
Market Complex (309,416 sq.ft.)

Concealed parking garage
Grocery
Retail
Coffee shop
Bakery
Juicery/creamery
Gallery/showroom
Restaurants
3 Screen Mini-theater (800 sq.ft.)



- UNDERGRADUATE
- GRADUATE
- SINGLE NON-STUDENT
- FAMILY

UNIT ORGANIZATION



100 Residential Units

Undergraduate Students: 25 units (26,250 sq.ft.)
 5 2BR (850 sq.ft.)
 10 3BR (1,000 sq.ft.)
 10 4 BR (1,200 sq.ft.)

Graduate Students: 25 units (24,000 sq.ft.)
 5 1BR (700 sq.ft.)
 6 2BR (850 sq.ft.)
 7 3BR (1,000 sq.ft.)
 7 4 BR (1,200 sq.ft.)

Single Non-Students: 25 units (24,000 sq.ft.)
 5 1BR (700 sq.ft.)
 6 2BR (850 sq.ft.)
 7 3BR (1,000 sq.ft.)
 7 4 BR (1,200 sq.ft.)

Families: 25 units (23,100 sq.ft.)
 5 1BR (700 sq.ft.)
 8 2BR (850 sq.ft.)
 8 3BR (1,000 sq.ft.)
 4 4BR (1,200 sq.ft.)

- 1 BEDROOM
- 2 BEDROOM
- 3 BEDROOM
- 4 BEDROOM

- BEDROOM
- BATHROOM
- CLOSET
- LIVING ROOM



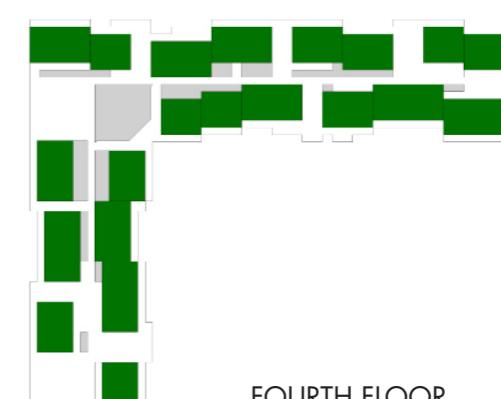
FIRST FLOOR



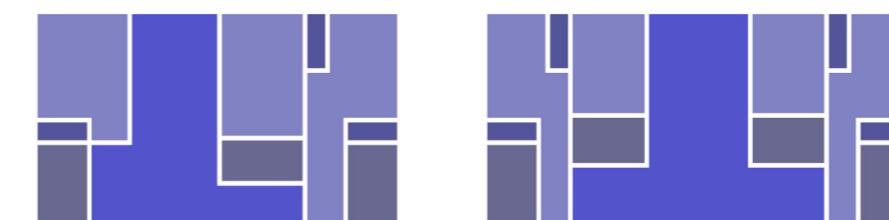
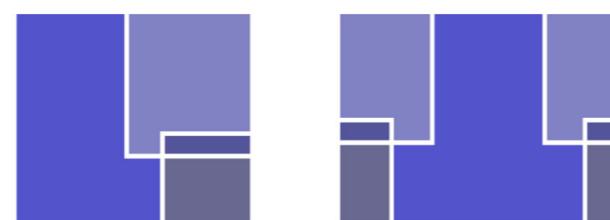
SECOND FLOOR

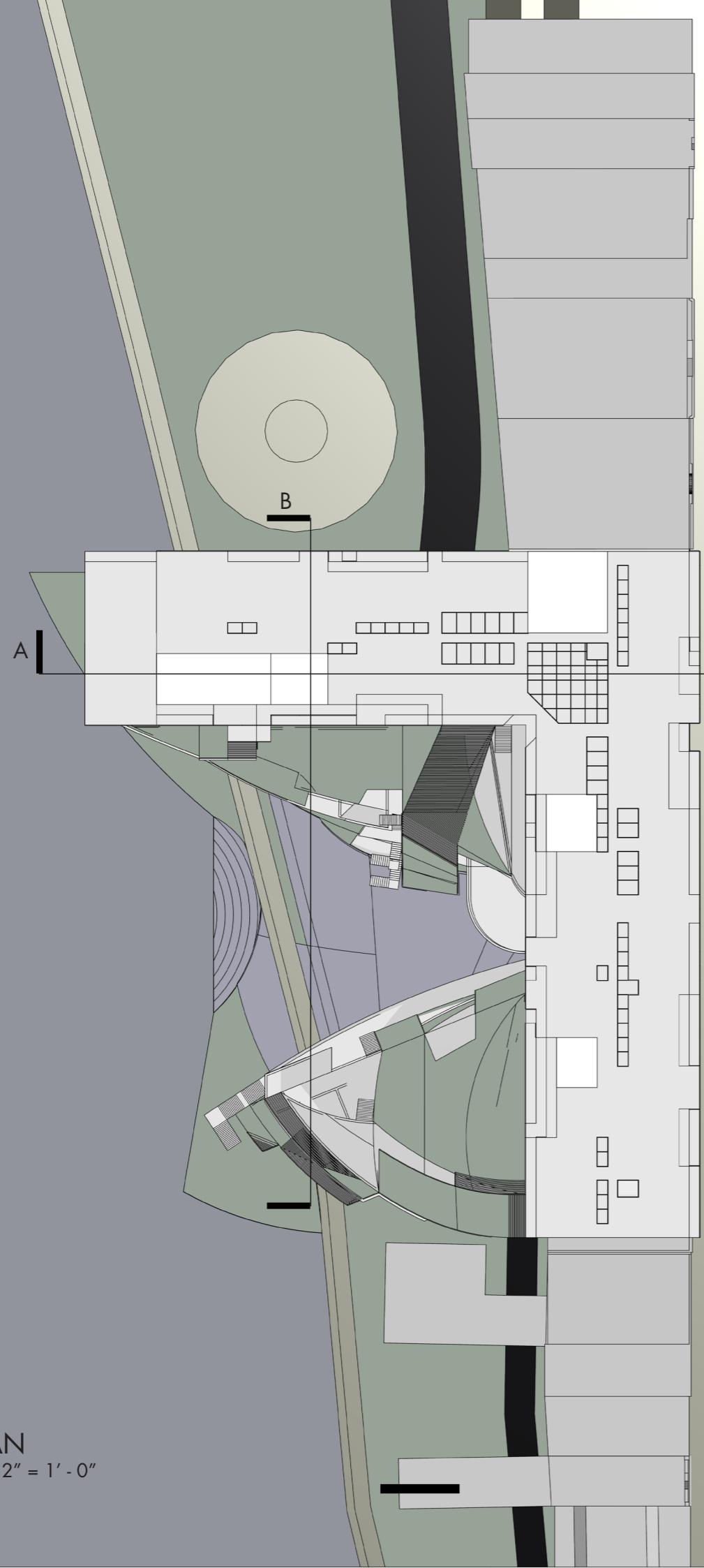


THIRD FLOOR

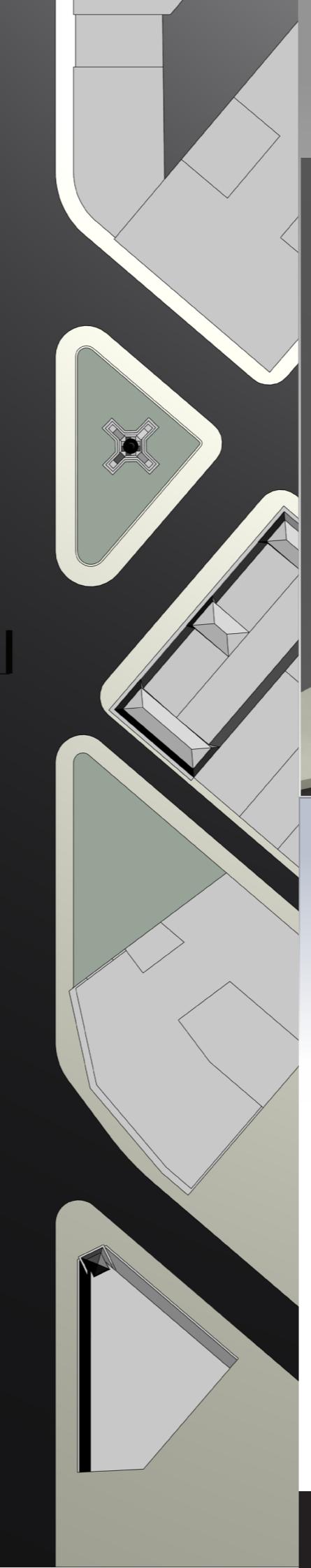


FOURTH FLOOR





SITE PLAN
SCALE: 1/32" = 1' - 0"

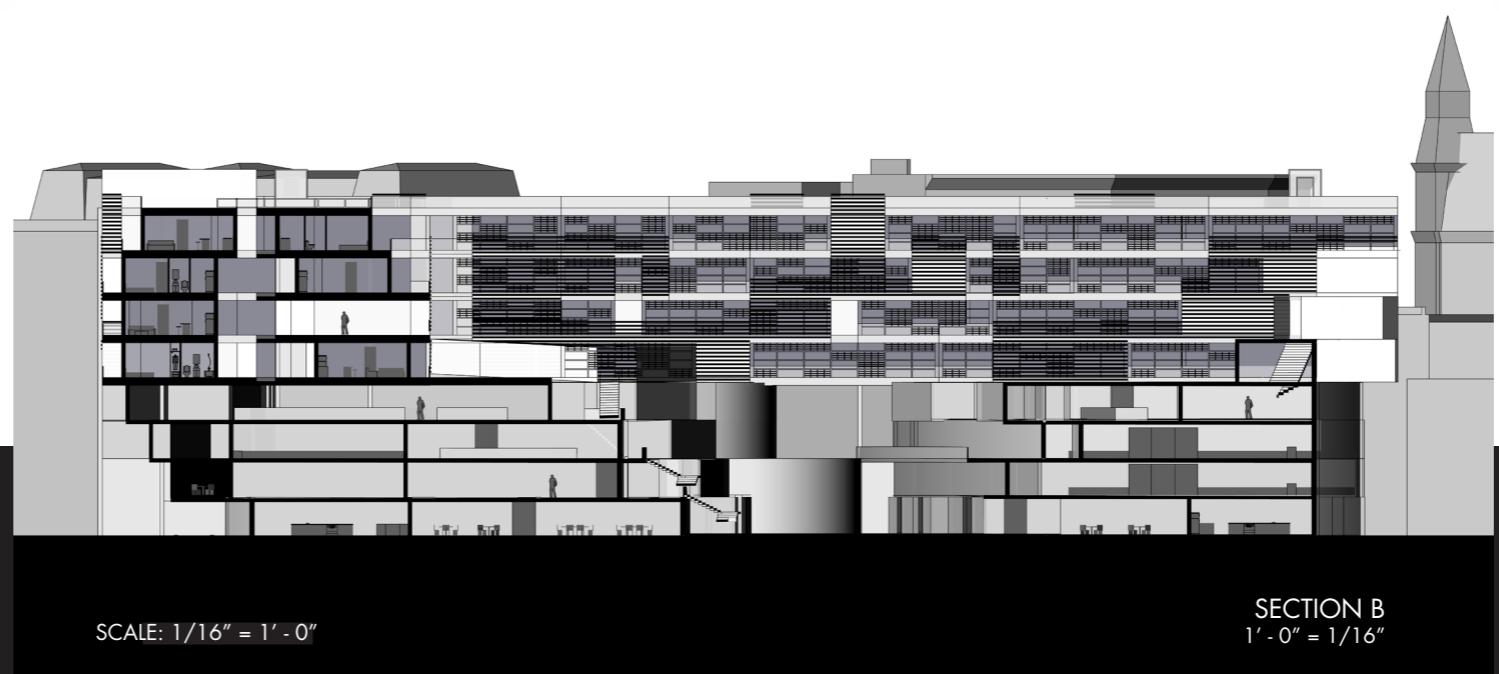


MONUMENT SQUARE RESIDENCE

DOWNTOWN TROY, NY



SECTION A
SCALE: 1/16" = 1' - 0"

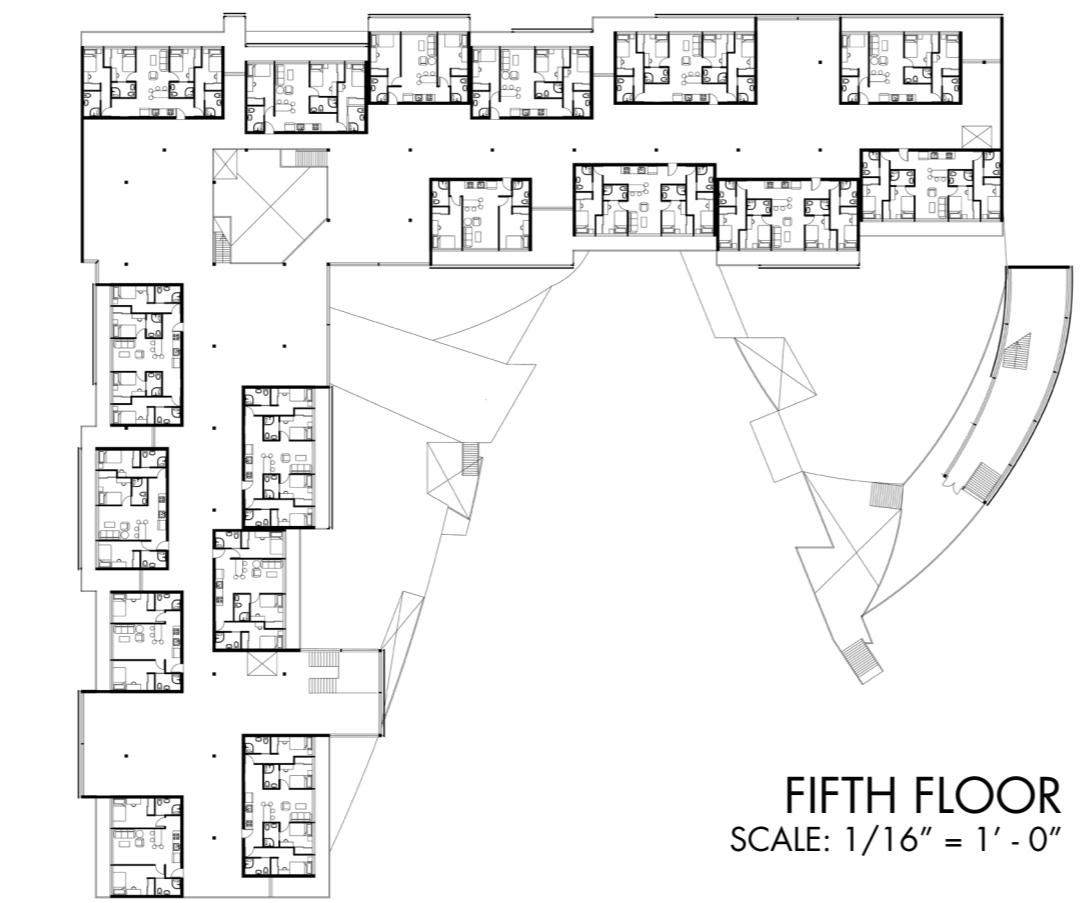


SCALE: 1/16" = 1' - 0"

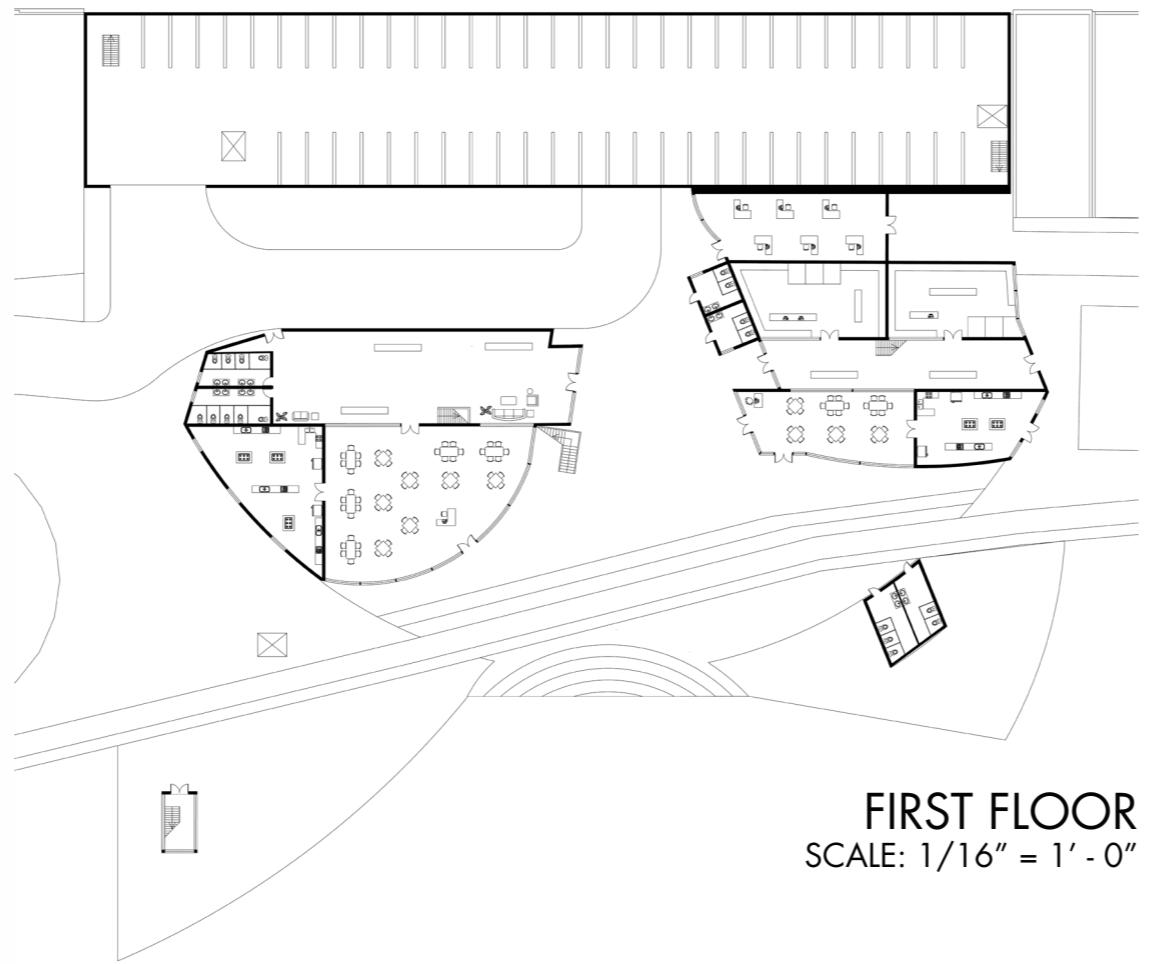
SECTION B
1' - 0" = 1/16"

MONUMENT SQUARE RESIDENCE

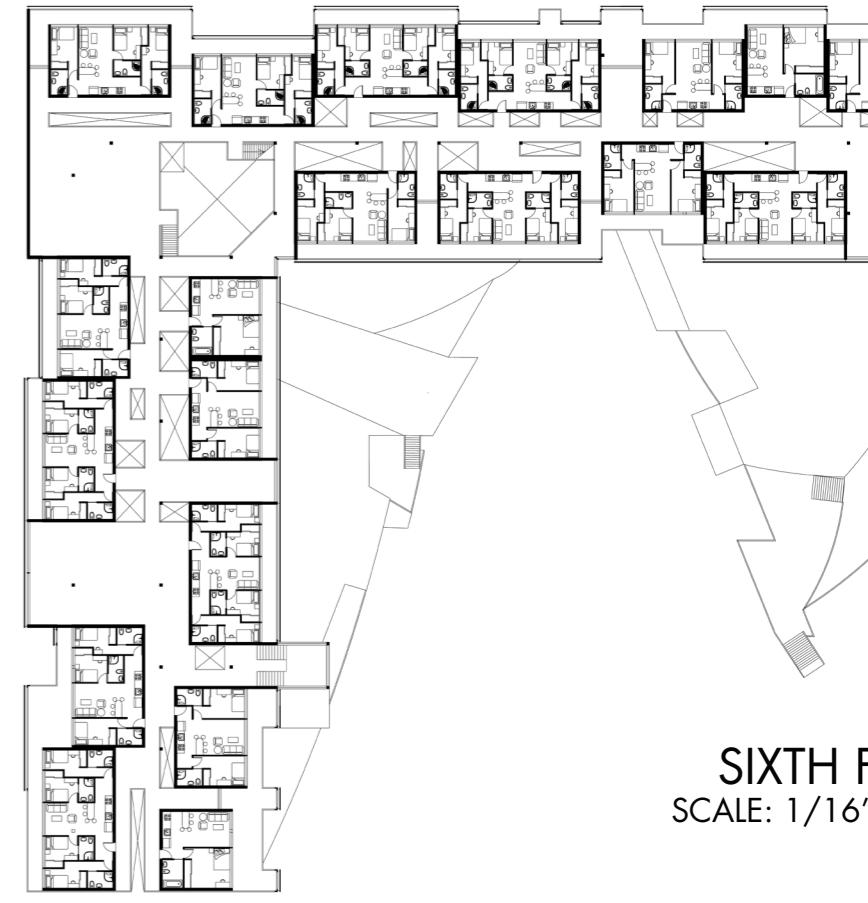
DOWNTOWN TROY, NY



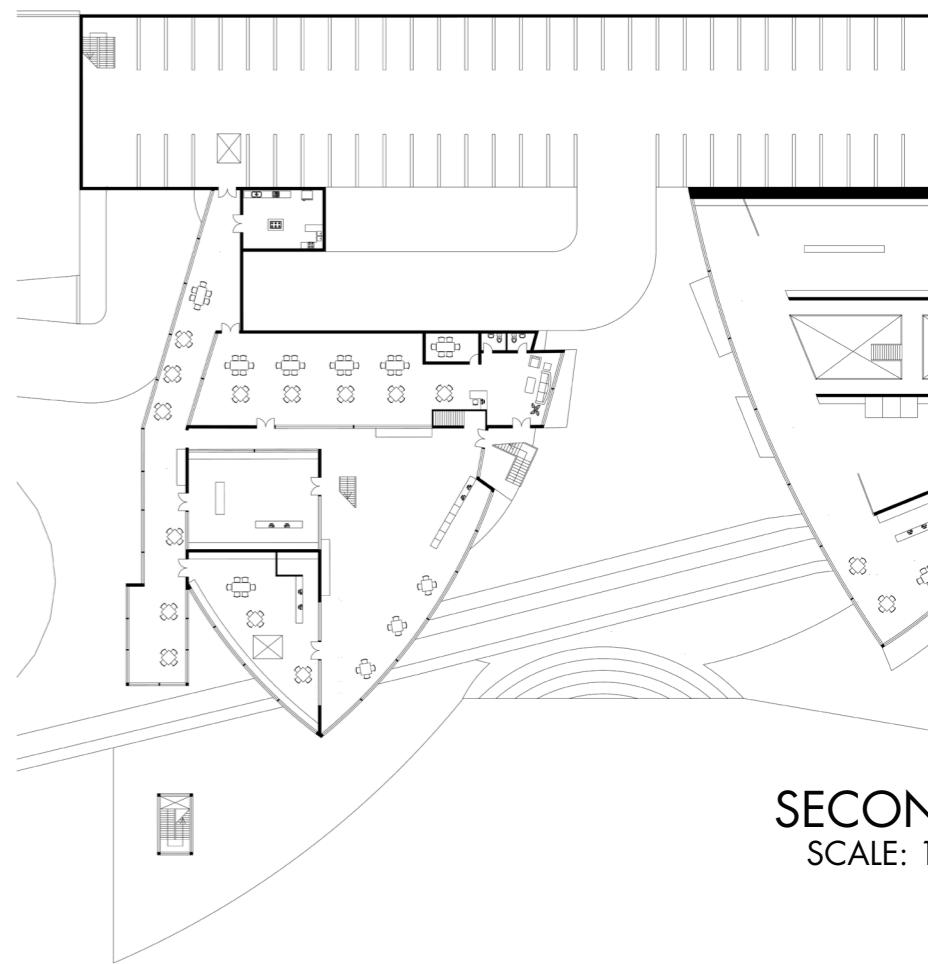
FIFTH FLOOR
SCALE: 1/16" = 1' - 0"



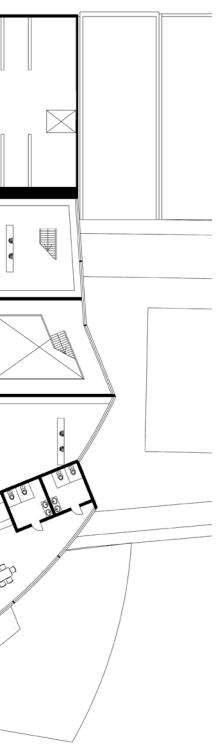
FIRST FLOOR
SCALE: 1/16" = 1' - 0"



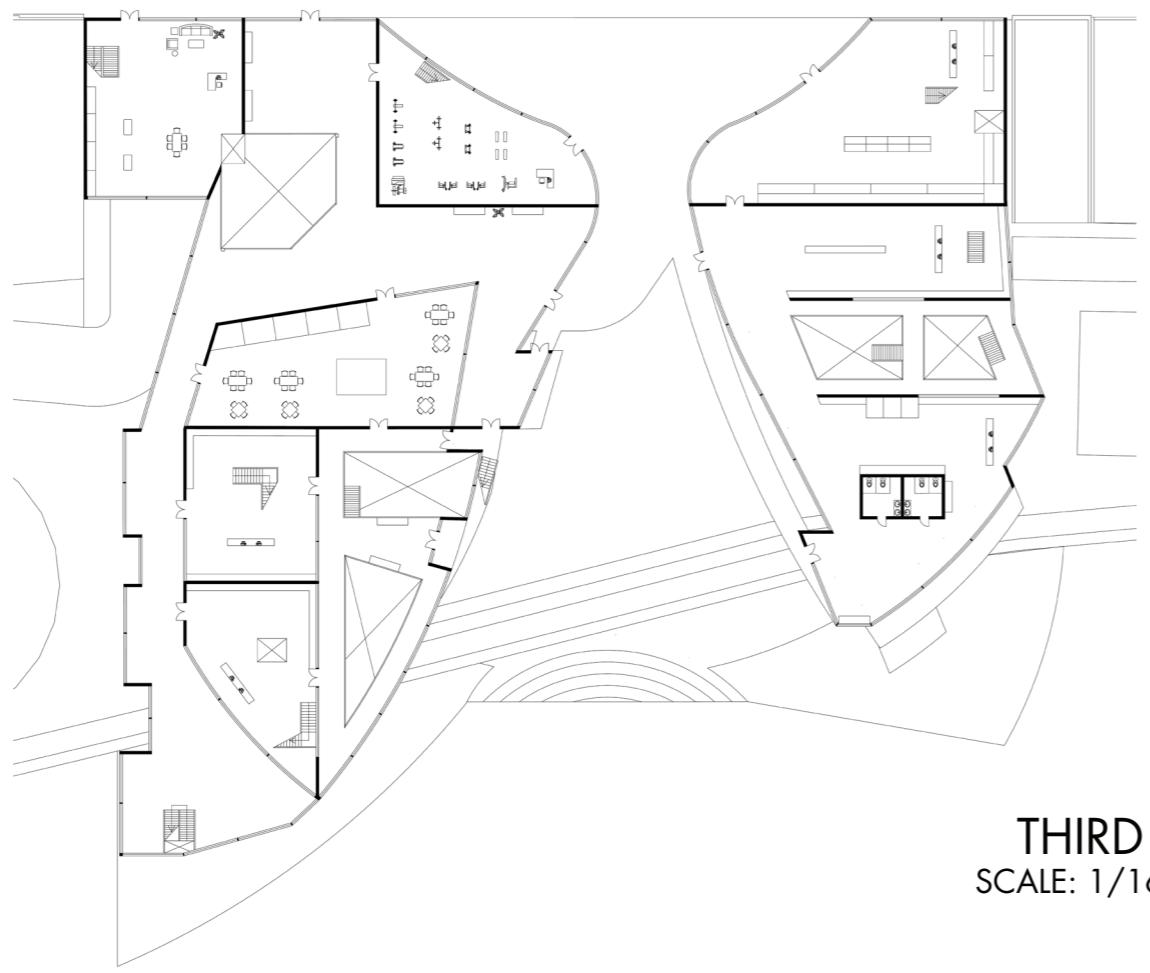
SIXTH FLOOR
SCALE: 1/16"



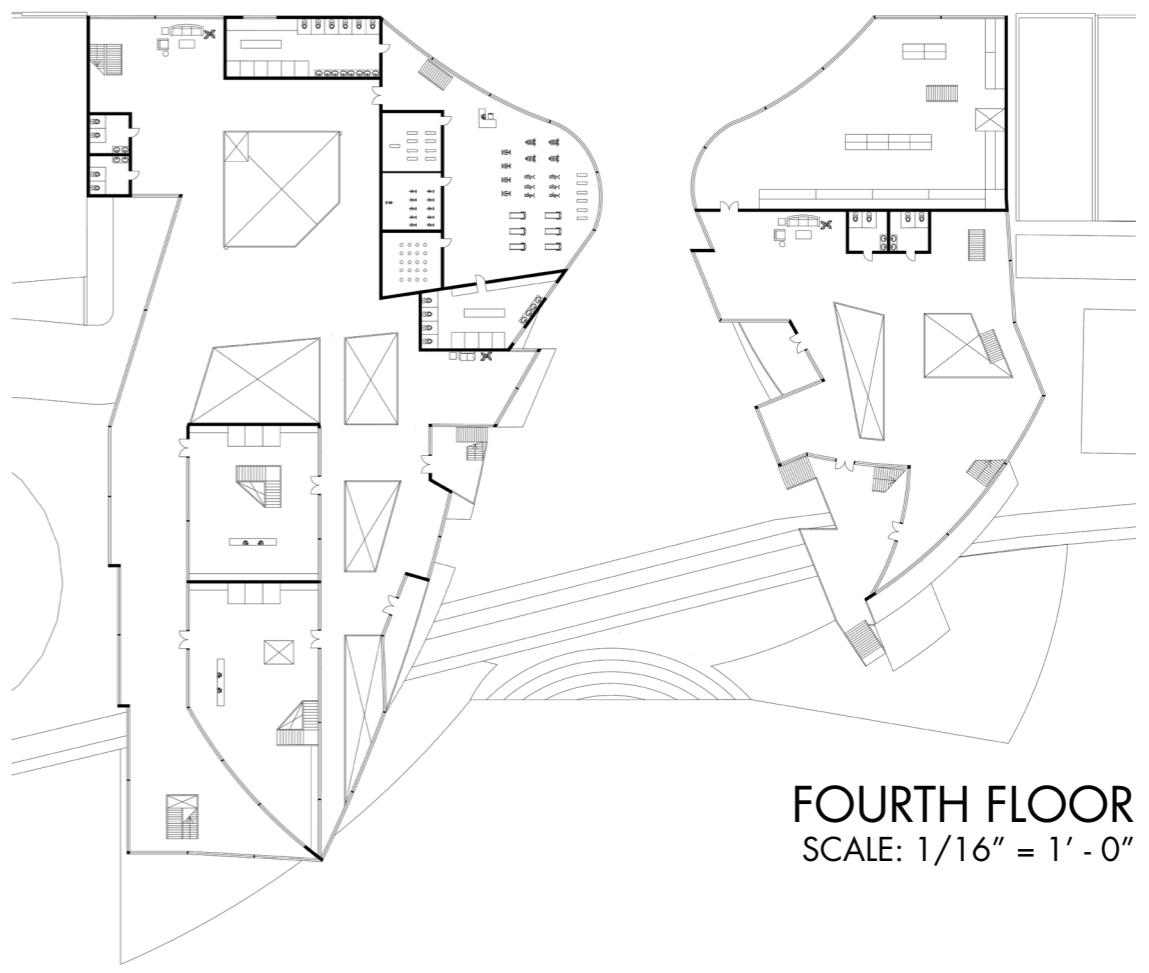
SECOND FLOOR
SCALE: 1/16"



SECOND FLOOR
SCALE: 1/16" = 1' - 0"



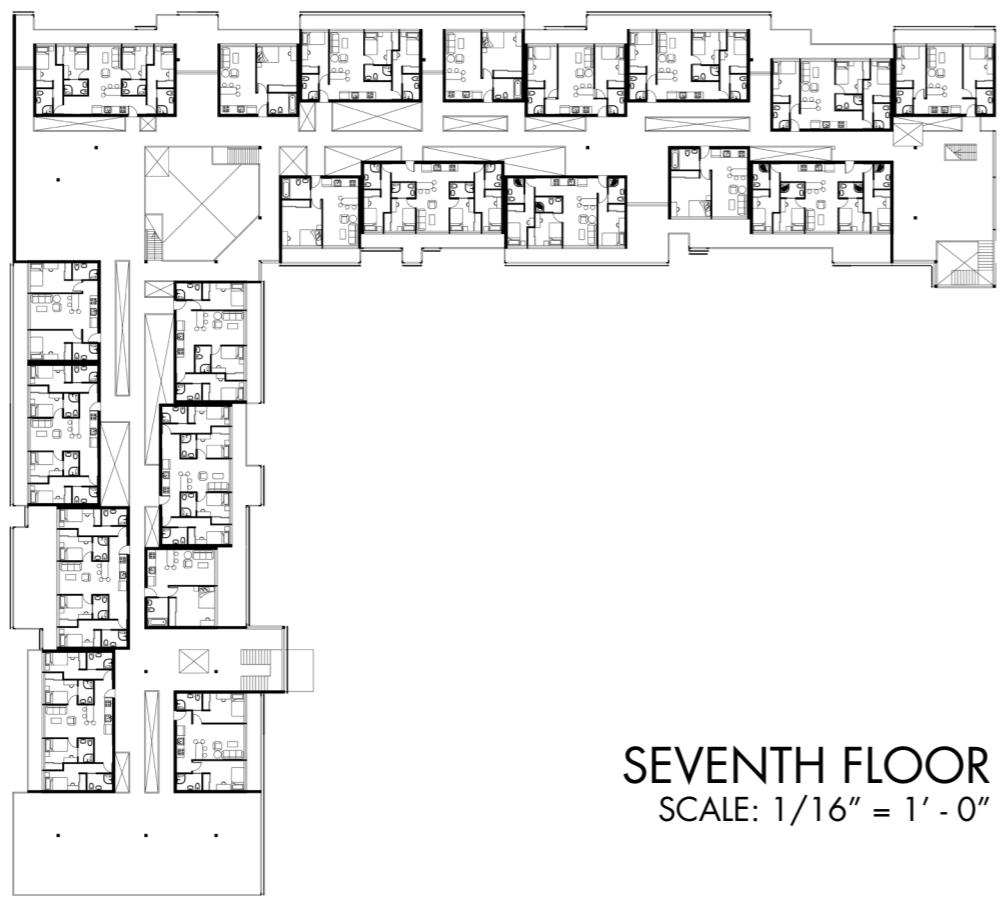
THIRD FLOOR
SCALE: 1/16" = 1' - 0"



FOURTH FLOOR
SCALE: 1/16" = 1' - 0"



SIXTH FLOOR
SCALE: 1/16" = 1' - 0"



SEVENTH FLOOR
SCALE: 1/16" = 1' - 0"



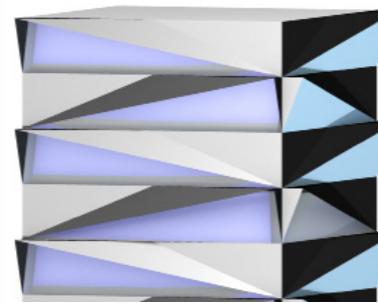
EIGHTH FLOOR
SCALE: 1/16" = 1' - 0"

MONUMENT SQUARE RESIDENCE

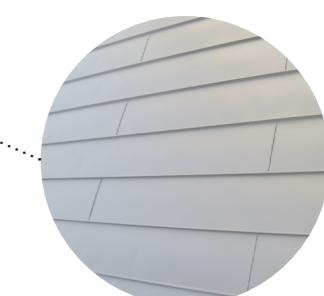
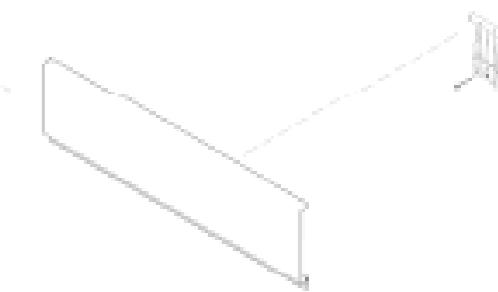
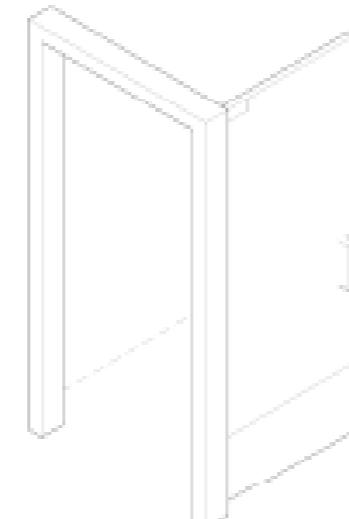
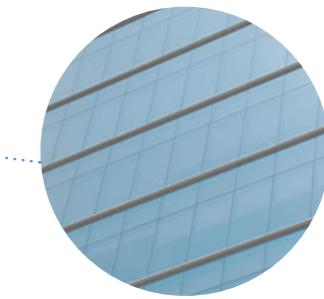
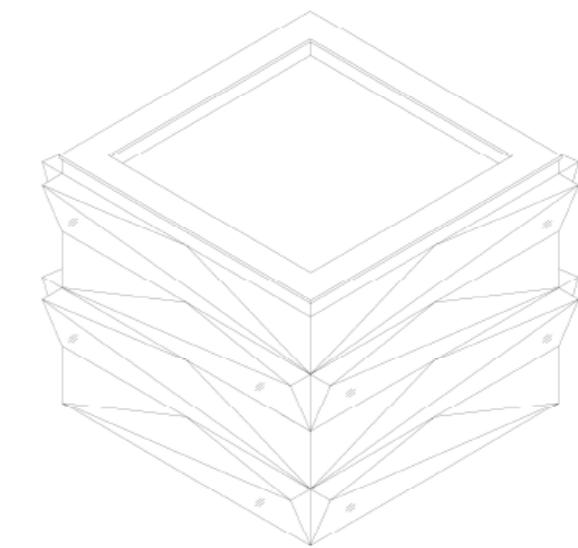
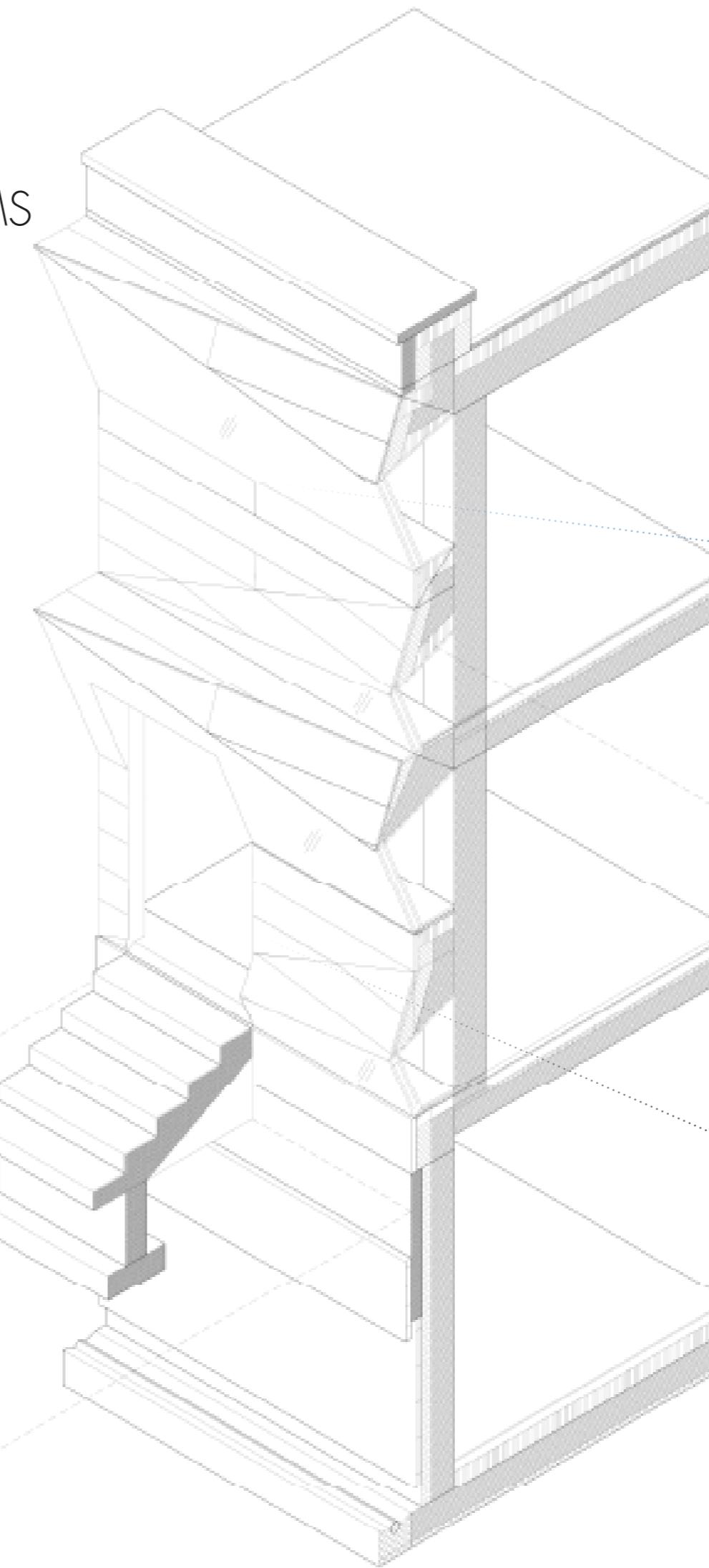
DOWNTOWN TROY, NY



MATERIALS & CONSTRUCTION SYSTEMS



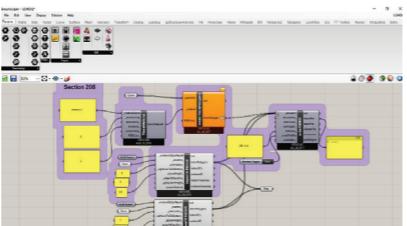
- INTERLOCKING ZINC PANEL FACADE WITH CONCRETE STRUCTURAL SYSTEM
- SECTION CUT OF A THREE-STORY BUILDING DESIGN WITH BASEMENT AND ROOFTOP ACCESS



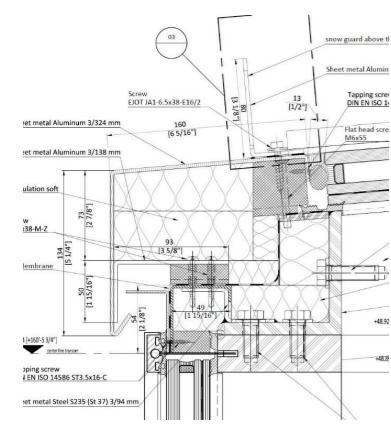
FACADE & ENCLOSURES

Flatiron Institute

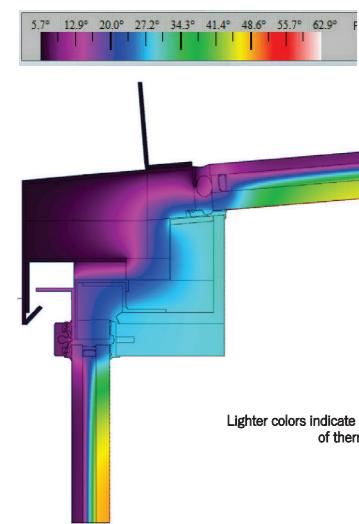
U-Value & Condensation Potential Analysis Report Example
New York, NY
BuroEhring



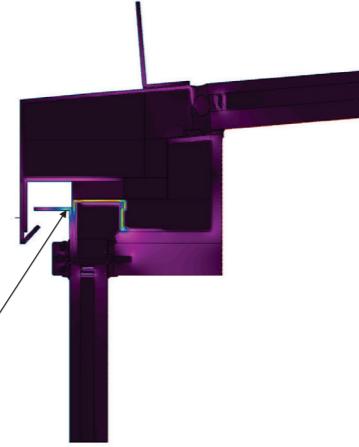
THERM File Preparation: Honeybee



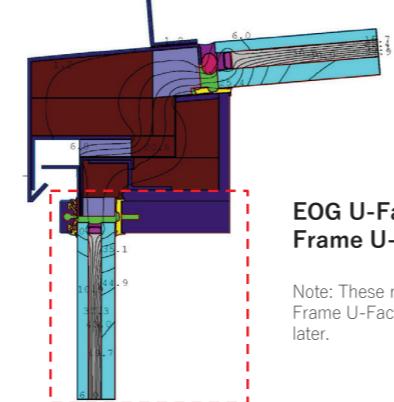
Detail 01-2030 - Detail



Detail 01-2030 - Temperature Infrared



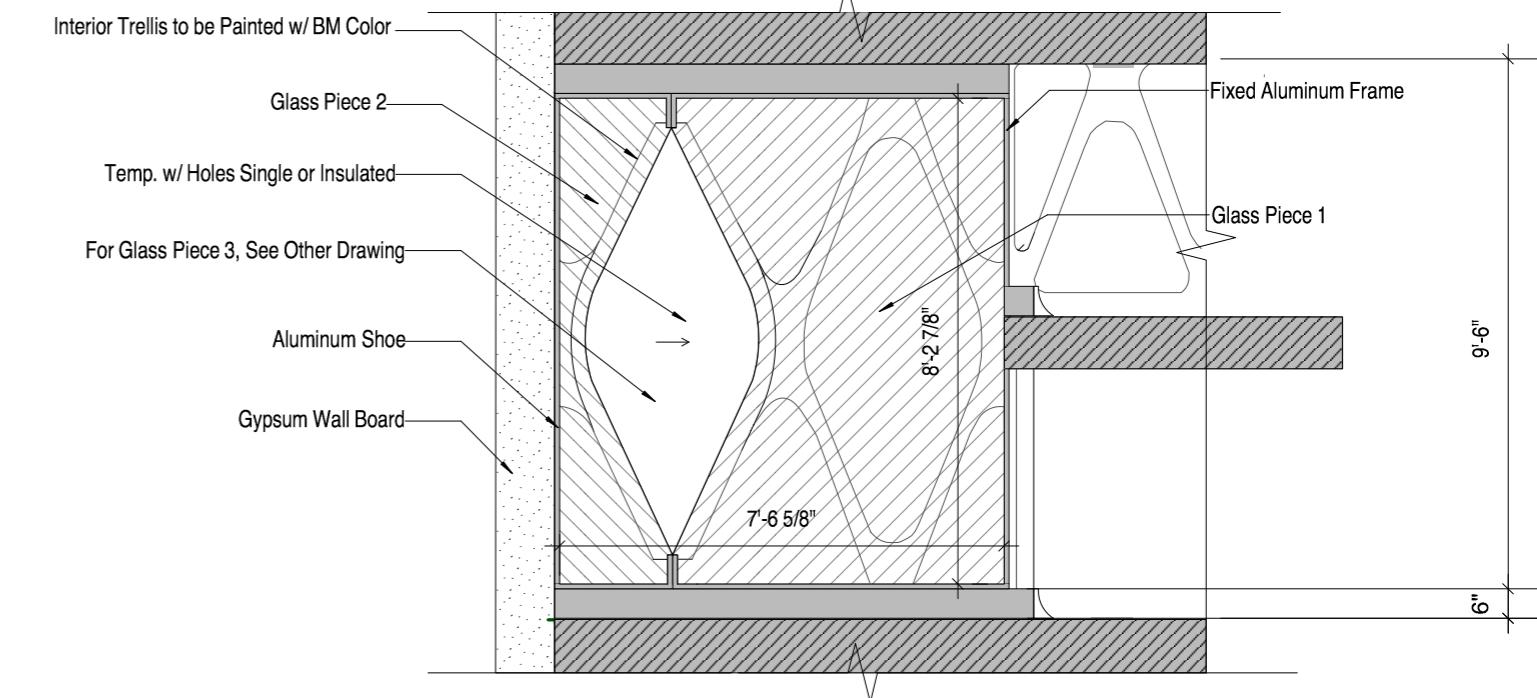
Detail 01-2030 - Color Flux Magnitude



Detail 01-2030 - Temperature Isotherms

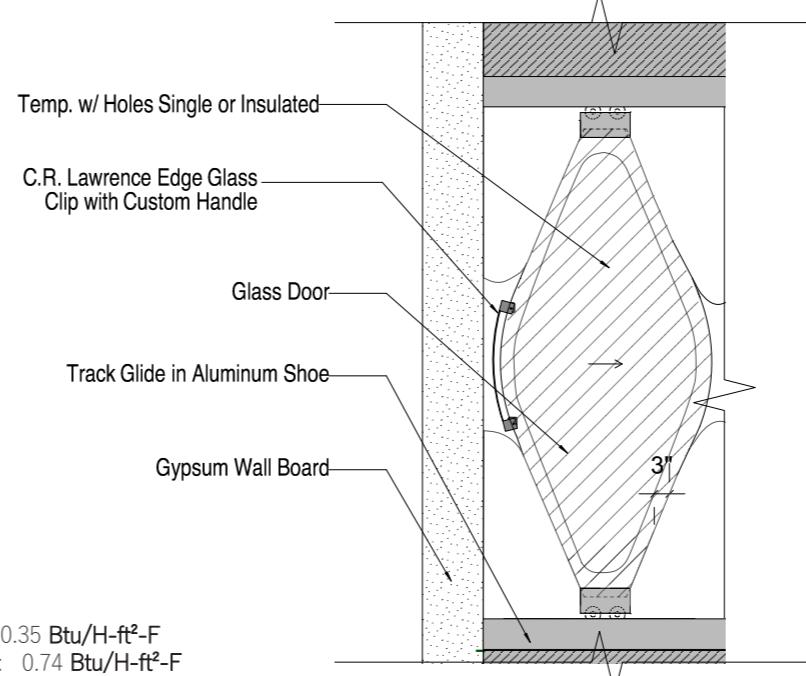
EOG U-Factor: 0.35 Btu/H-ft²-F
Frame U-Factor: 0.74 Btu/H-ft²-F

Note: These results are strictly for CW01's EOG and Frame U-Factor; the skylight portion is recalculated later.

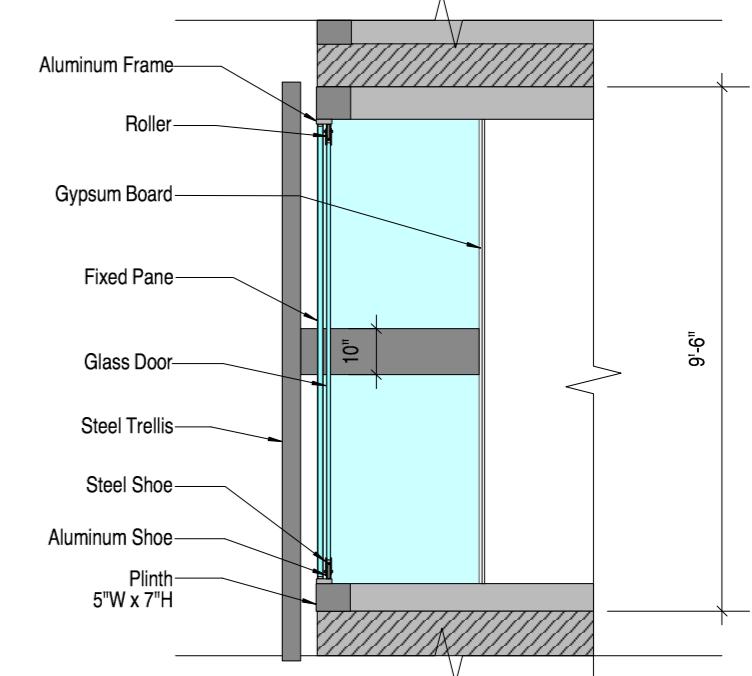


Greenwich Village Residence
New York, NY
Kushner Studios

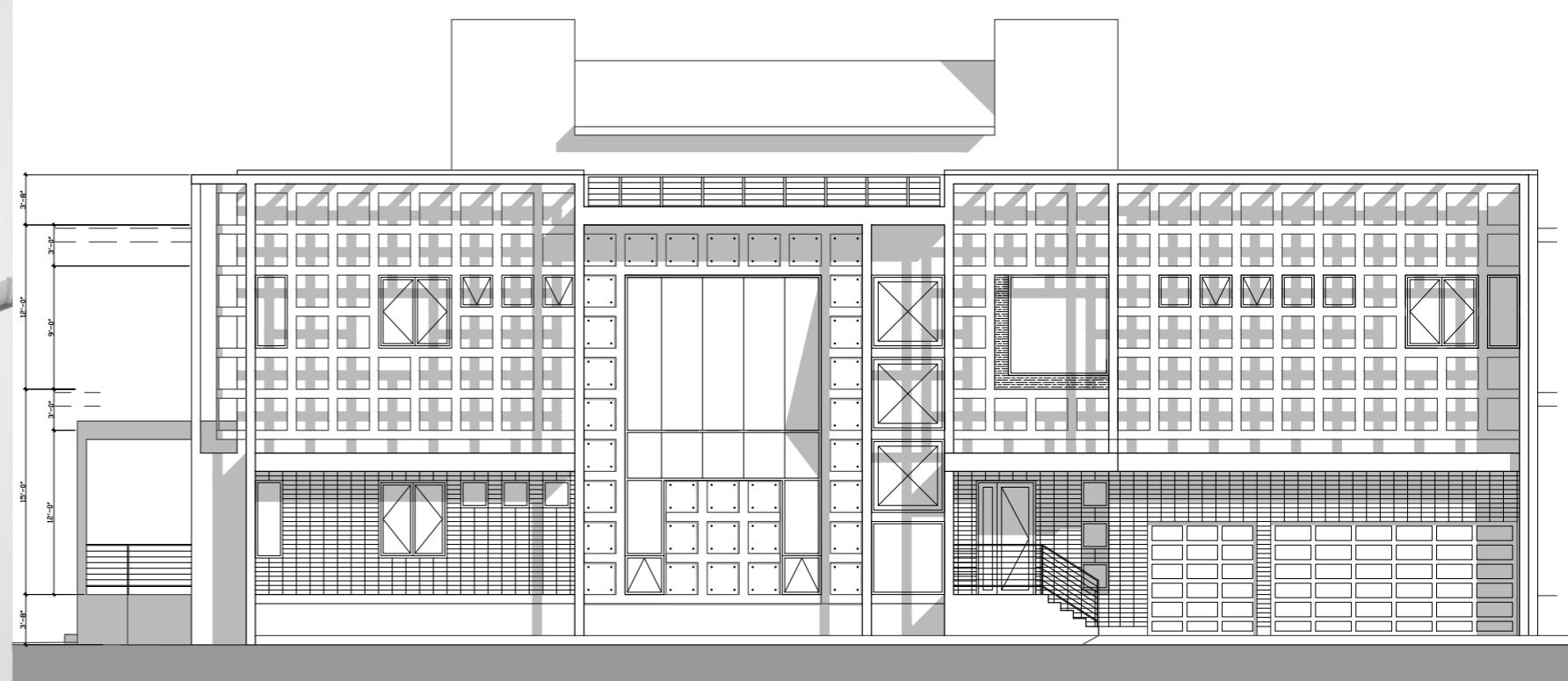
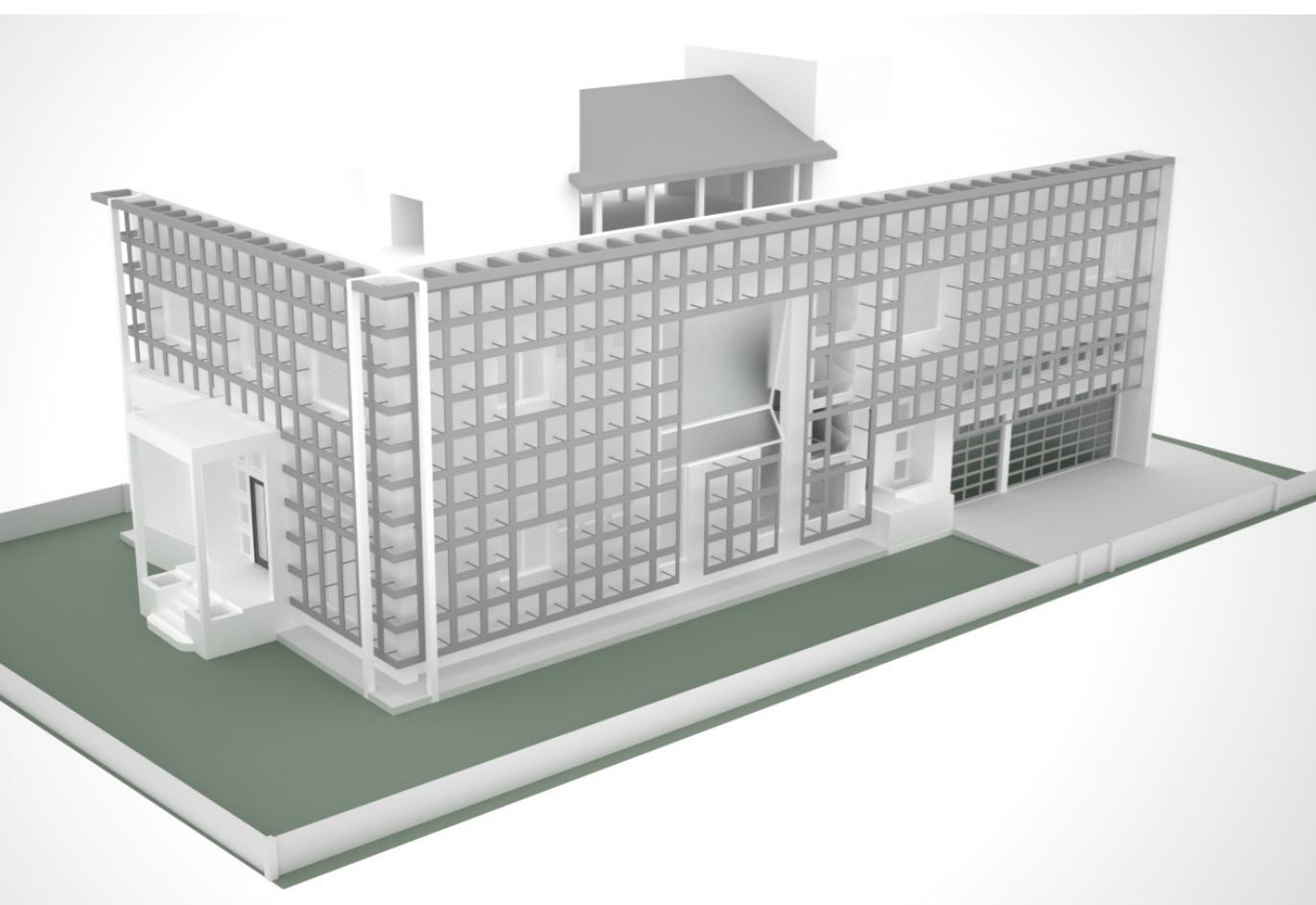
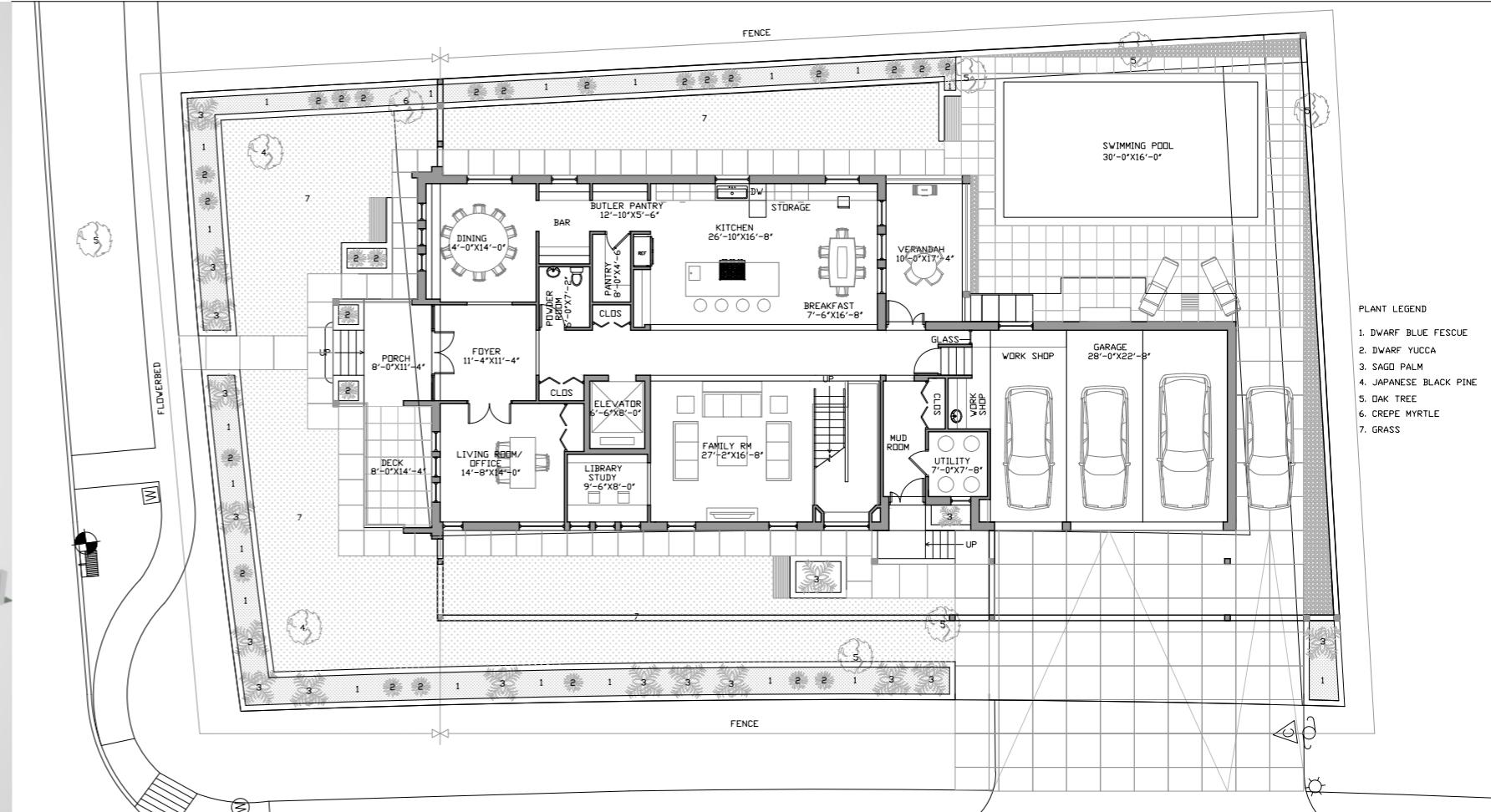
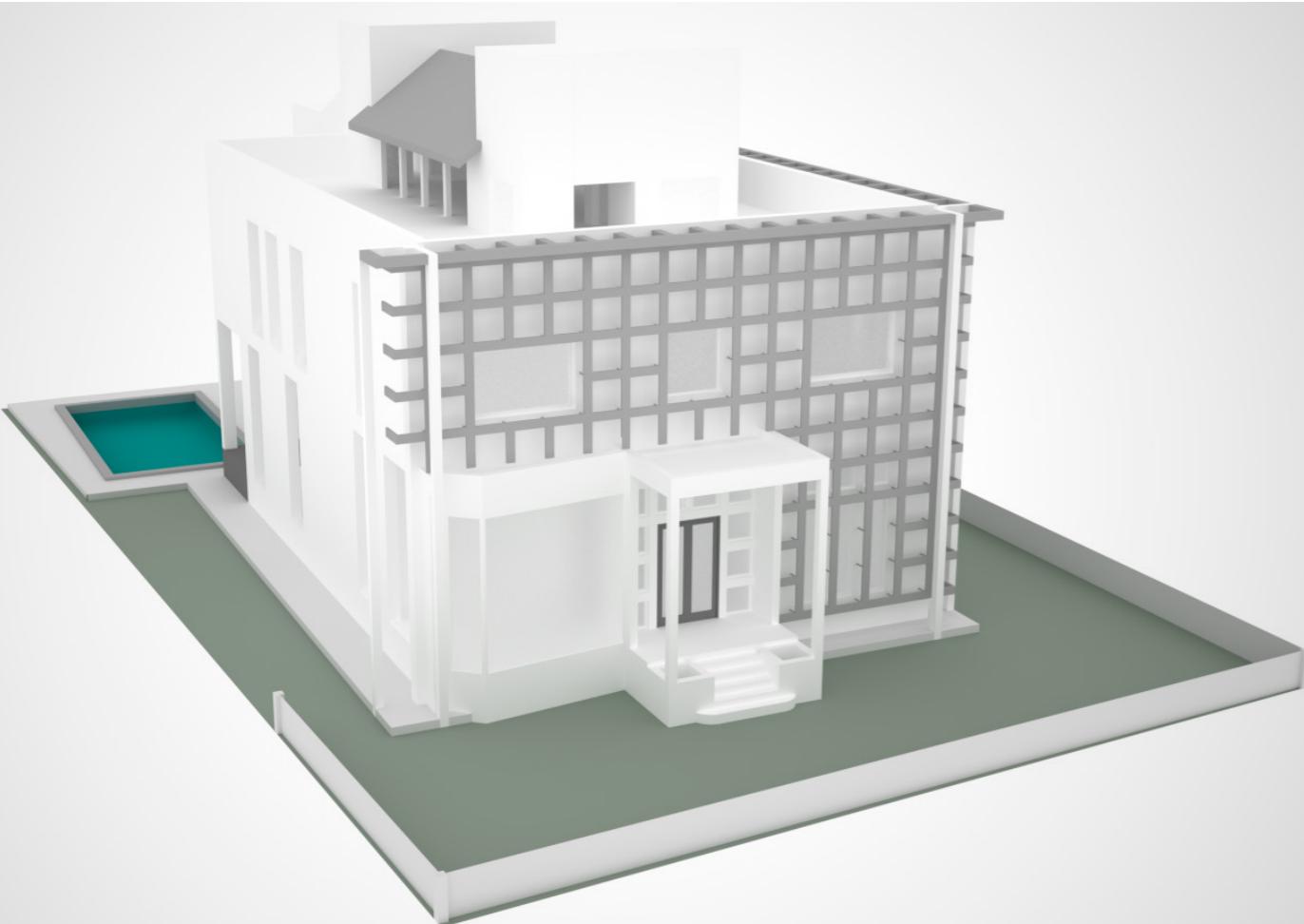
1 Fourth & Fifth Fl. Int. Elevation of Glass Enclosure
Scale: 1/2" = 1'-0"



2 Fourth & Fifth Fl. Int. Elevation of Glass Door
Scale: 3/4" = 1'-0"



3 Fourth/Fifth Fl.-South Wall Section of Glass Enclosure
Scale: 1/2" = 1'-0"



House at Academy Street

Houston, TX

Misra & Associates, P.C.

Elevation in collaboration with fellow intern, Erik Weaver.

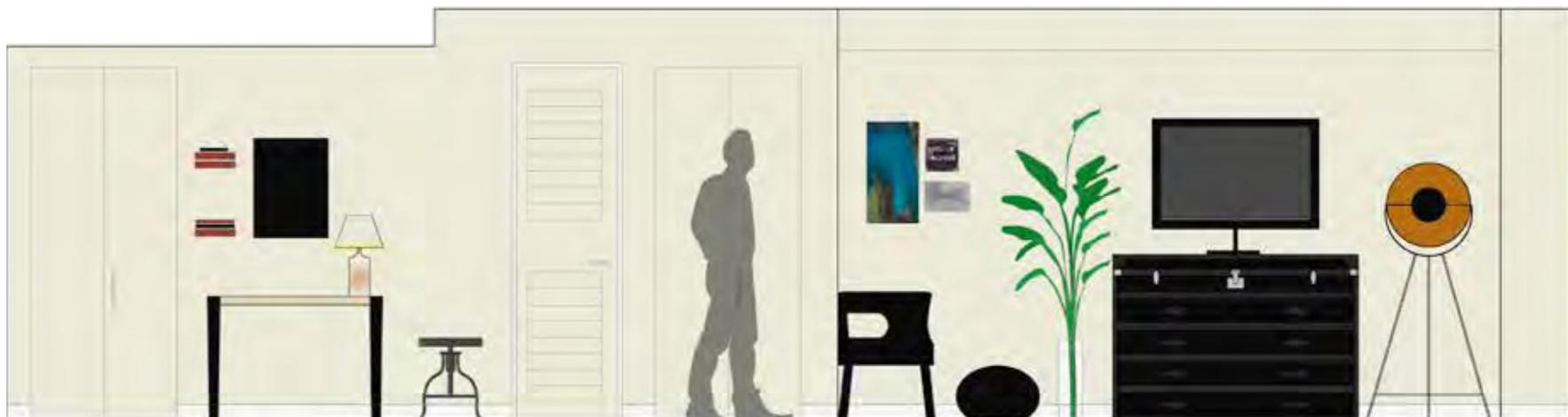
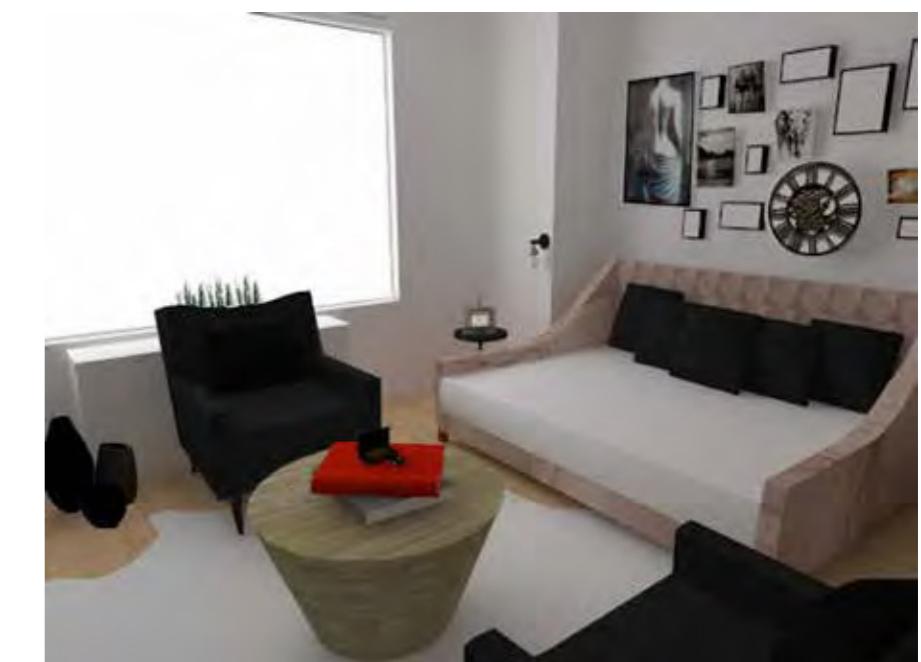
MIDTOWN APARTMENT

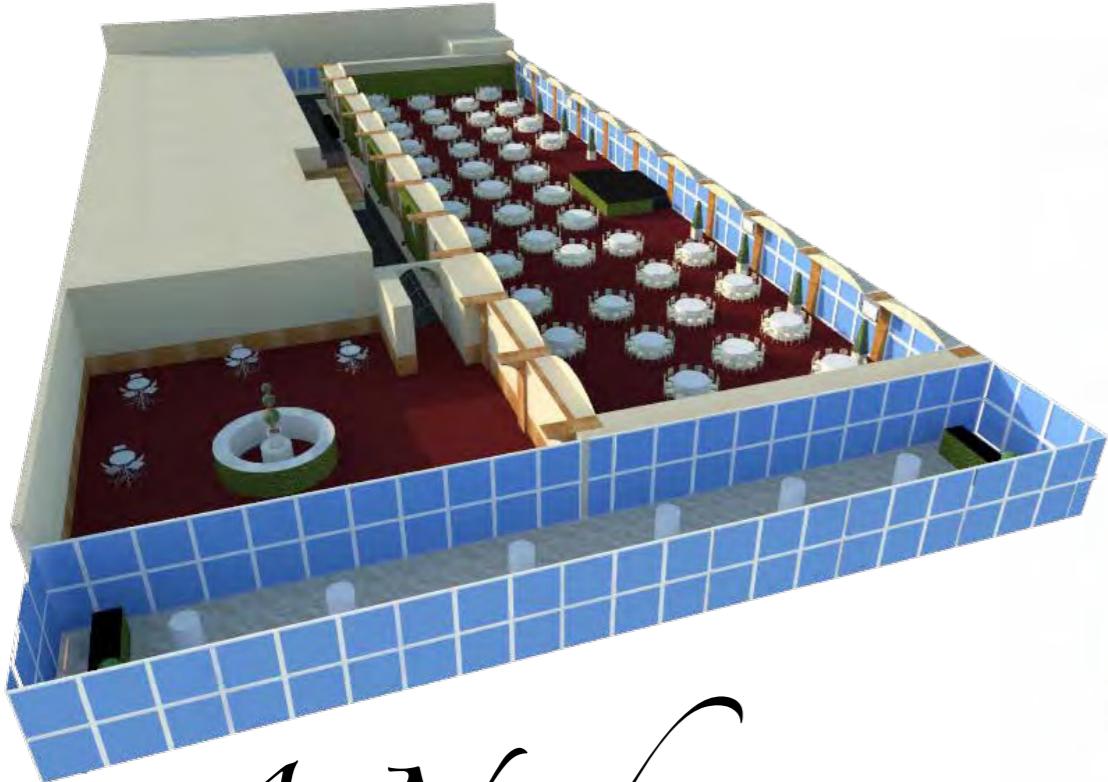
DADAPT

MANHATTAN,
NEW YORK



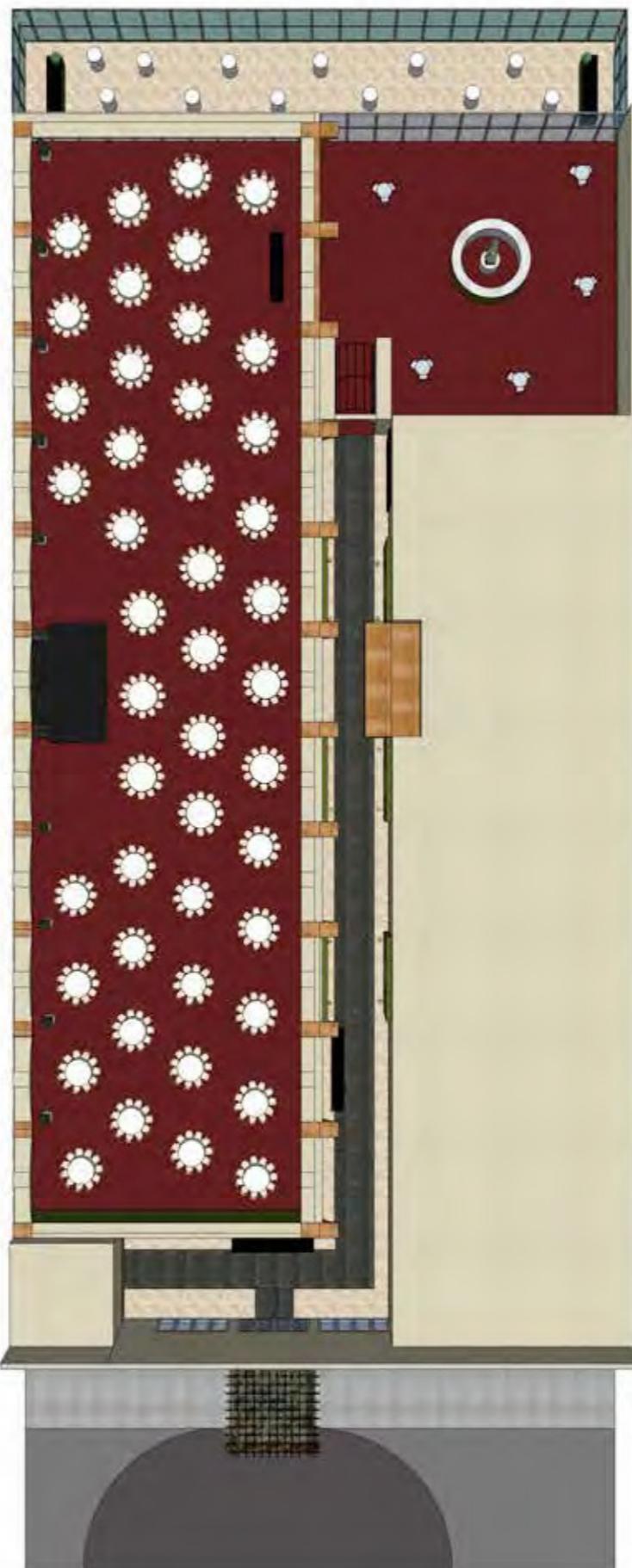
***“A SAFE HAVEN
WITHIN THE
CONCRETE
JUNGLE”***





A Night in an English Garden

CHELSEA PIERS
MANHATTAN
OVANDO

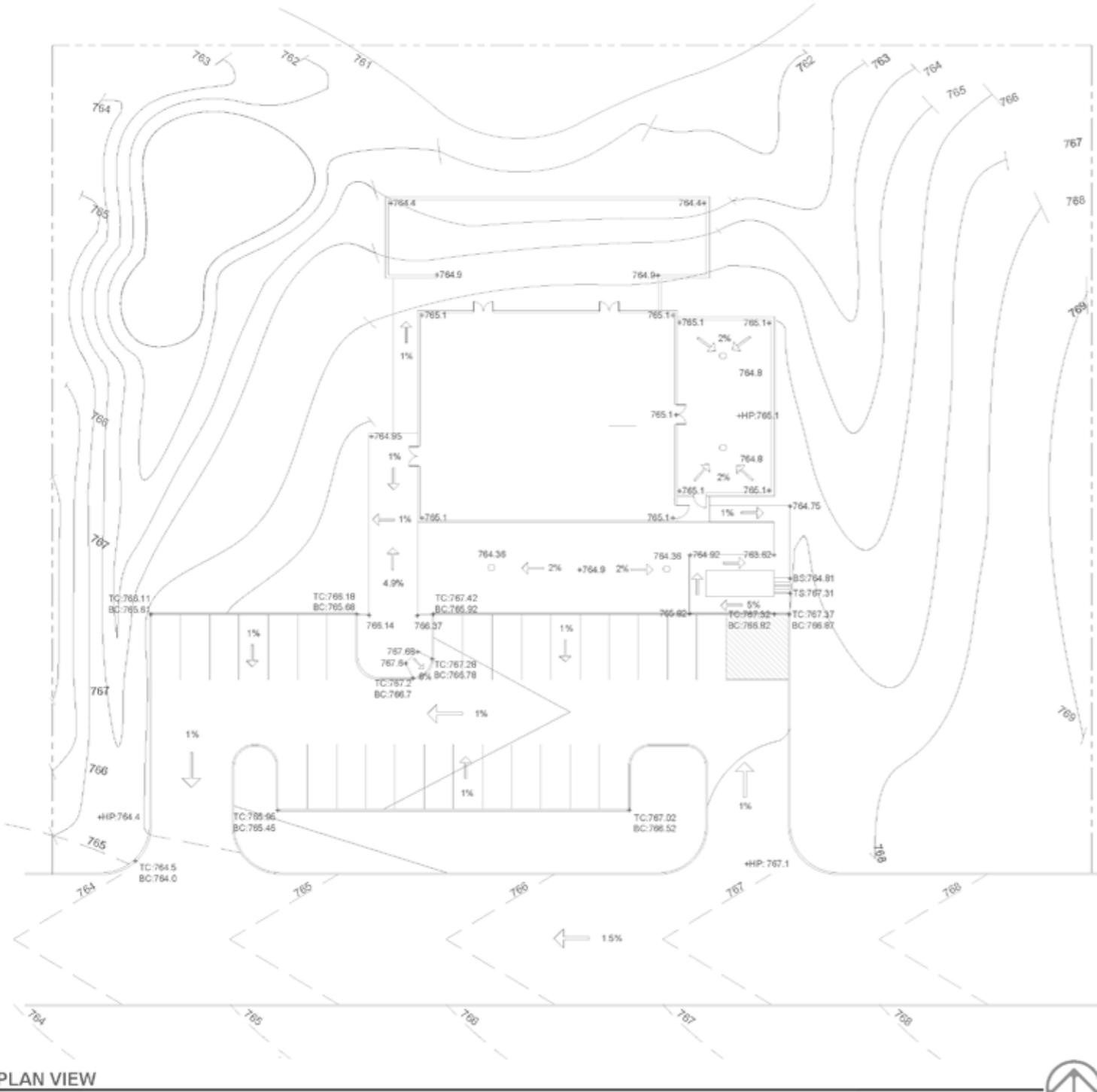


Vista Peak Restaurant On The Hill

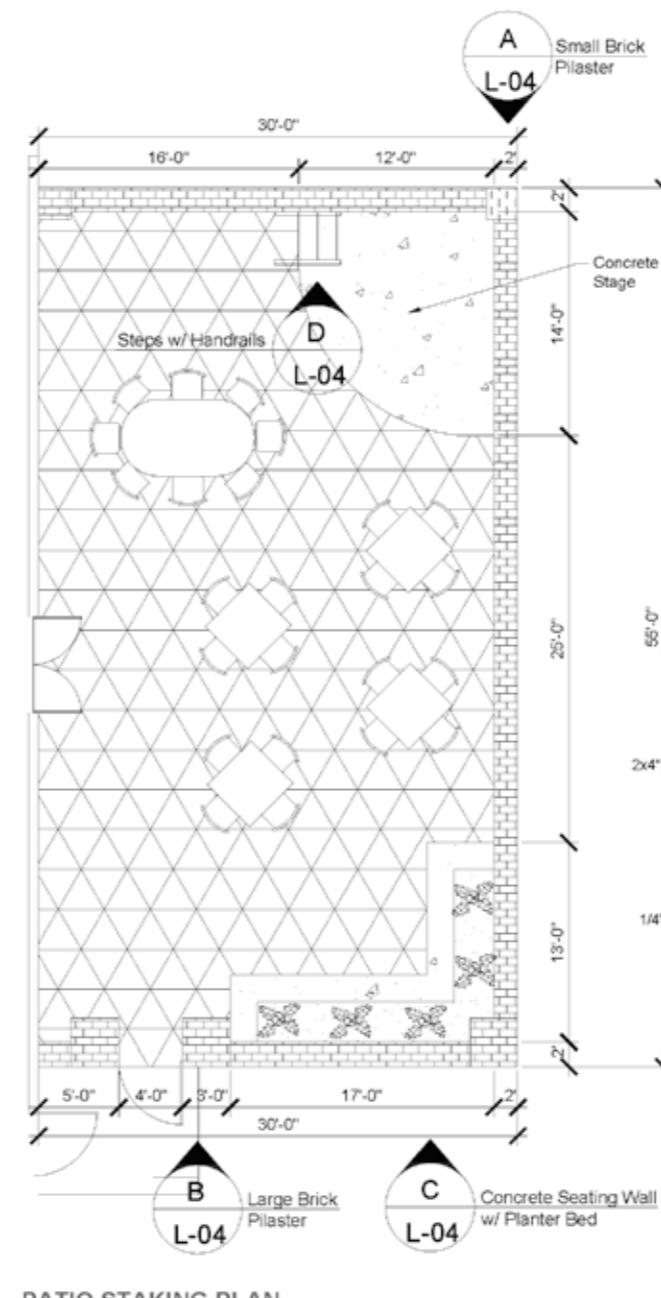
778 S. Garfield Ave.
Monterey Park, CA 91754

List of Sheets:

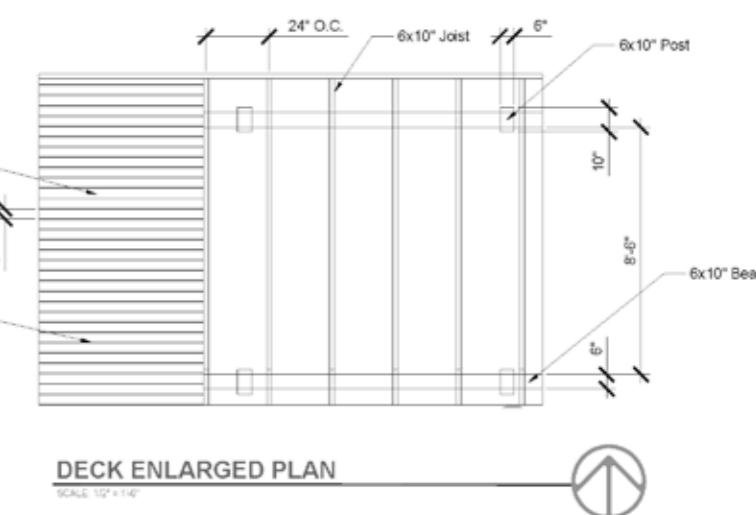
| | |
|-----------|-------------------------|
| 0..... | Cover |
| L-01..... | Grading Plan |
| L-02..... | Staking Plan |
| L-03..... | Patio Details |
| L-04..... | Deck Details |
| L-05..... | Water Feature Plan |
| L-06..... | Water Feature Details |
| L-07..... | Lighting Plan & Details |
| L-08..... | Irrigation Plan |
| L-09..... | Irrigation Details |



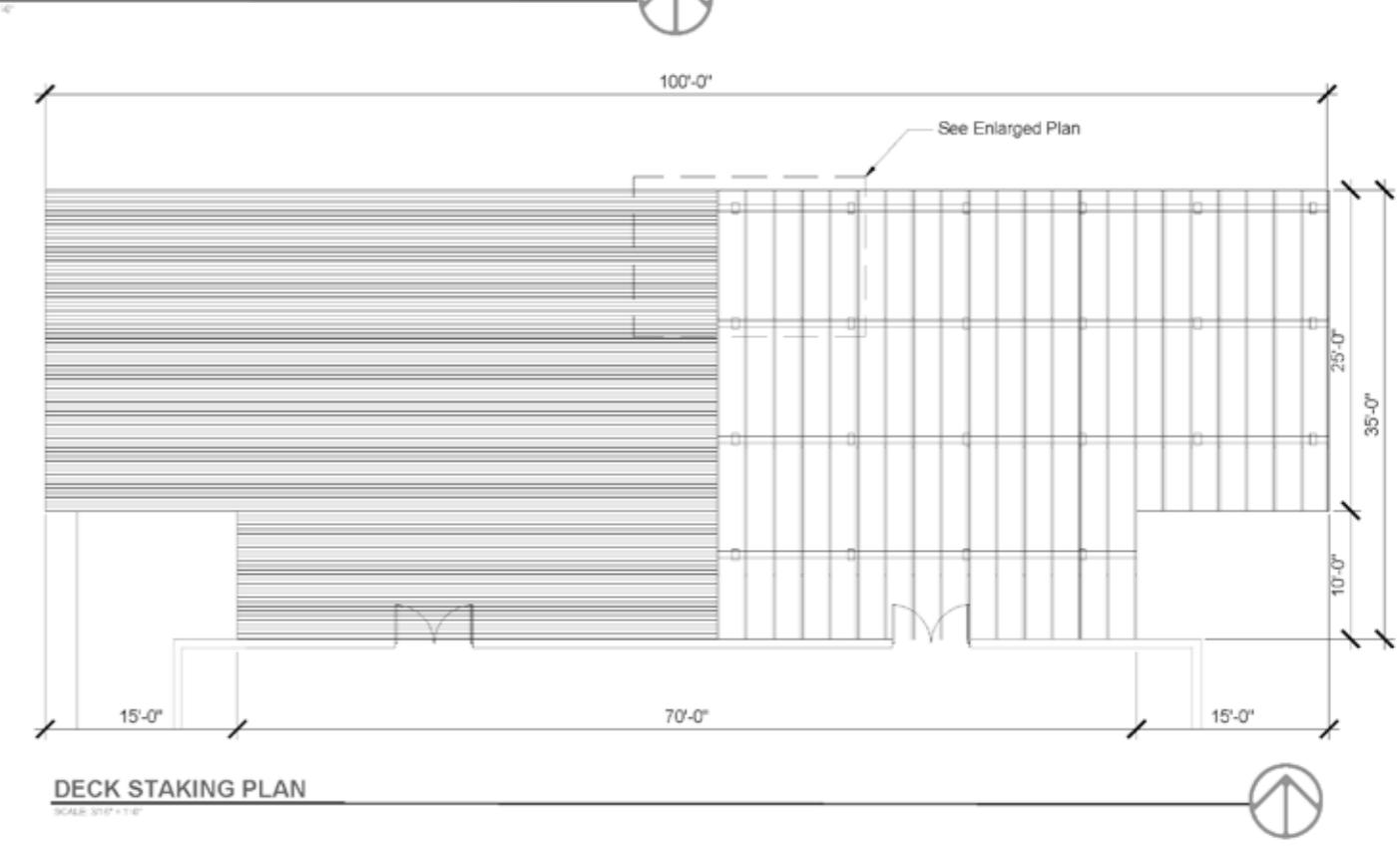
GRADING PLAN

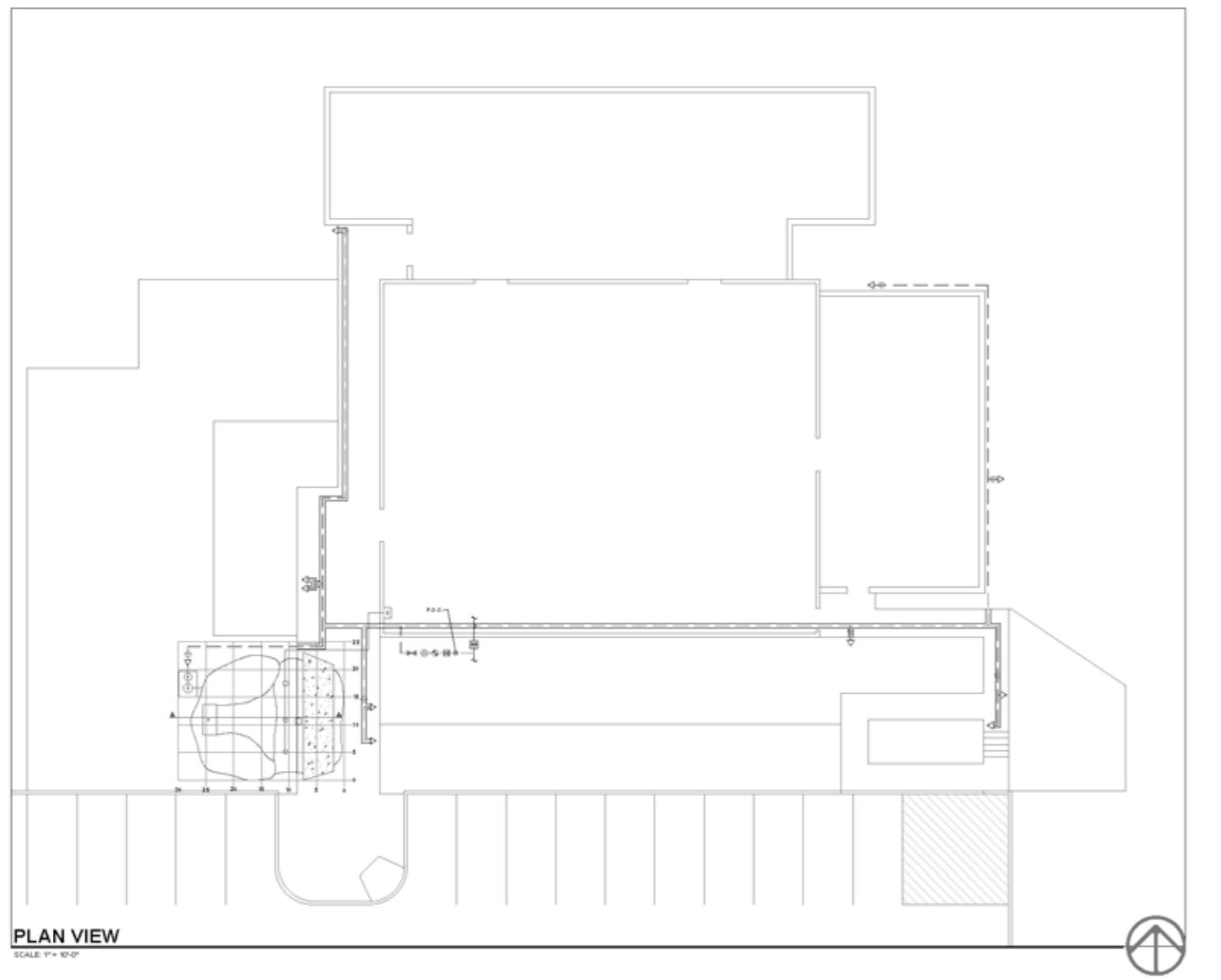


PATIO STAKING PLAN

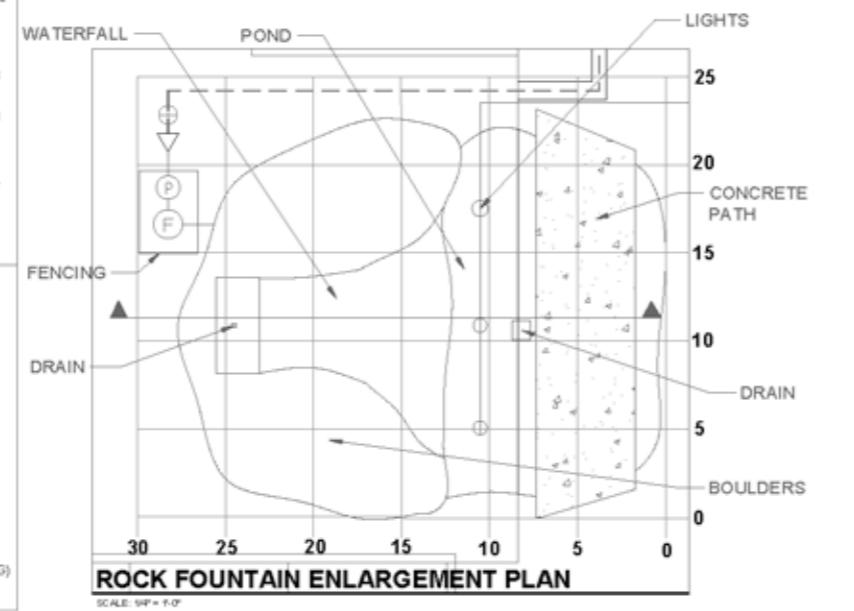


STAKING PLAN



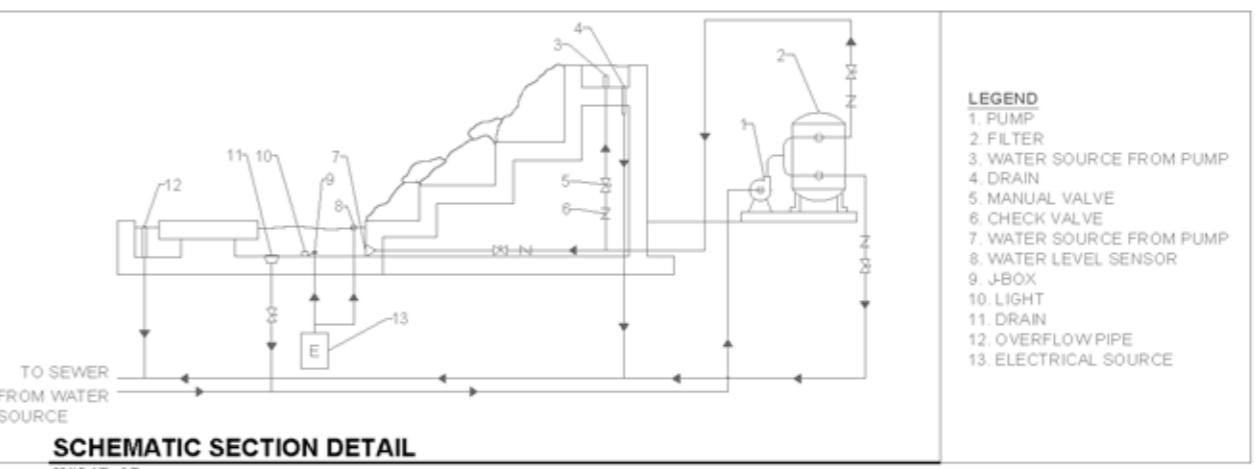


WATER FEATURE PLAN

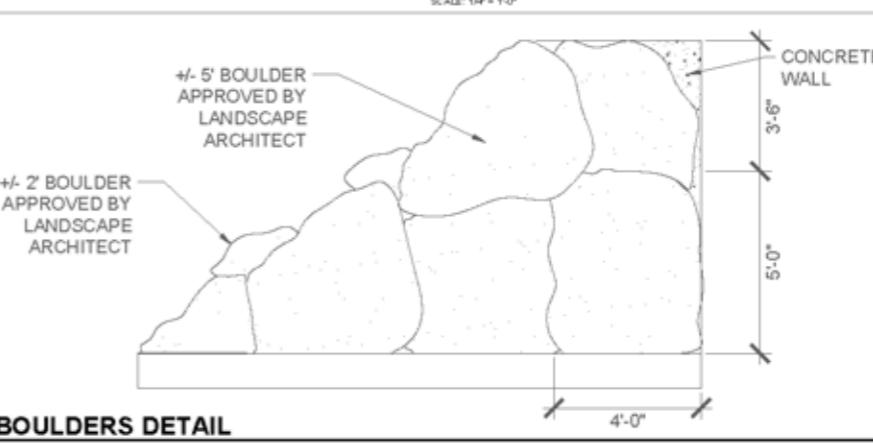
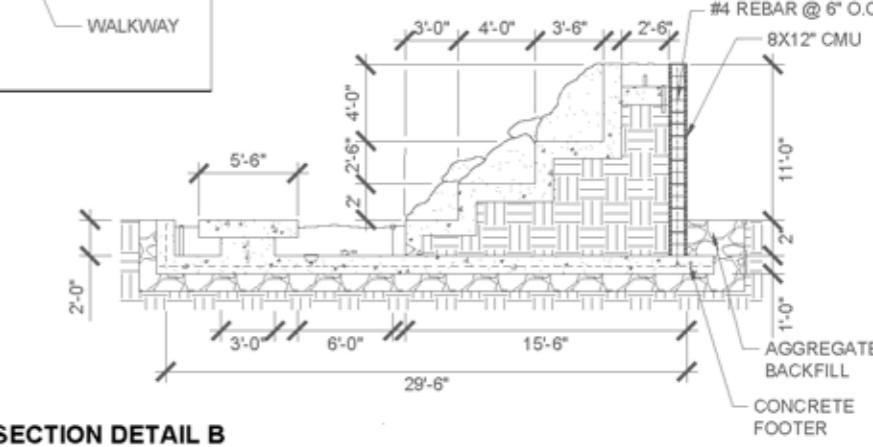
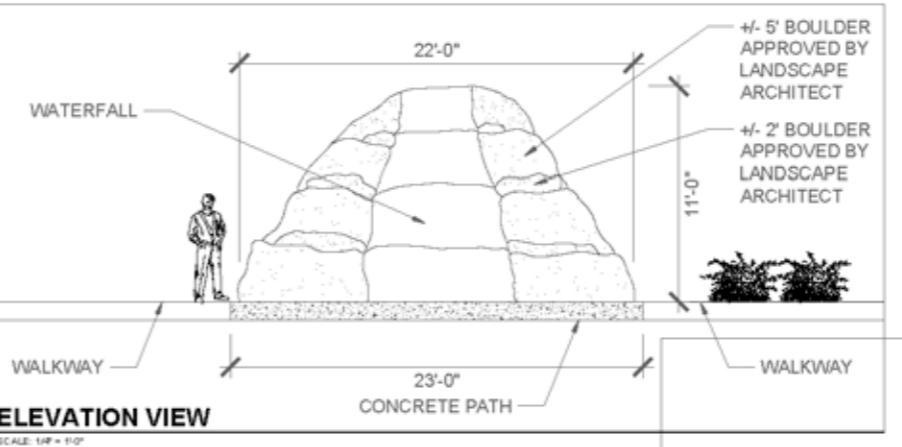
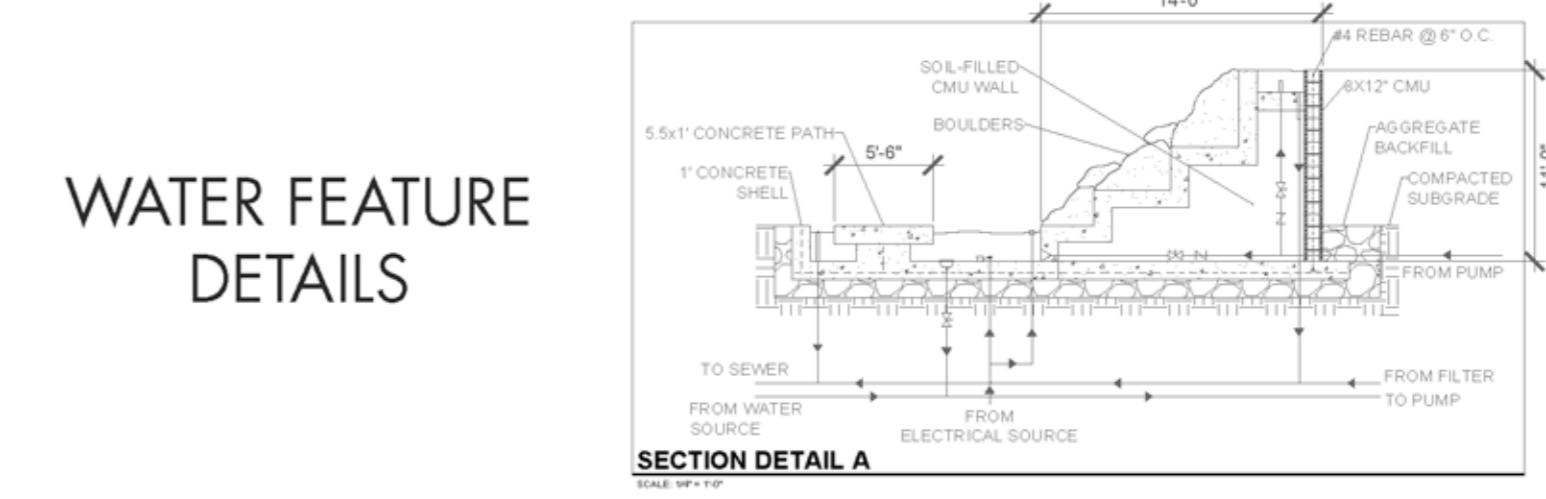


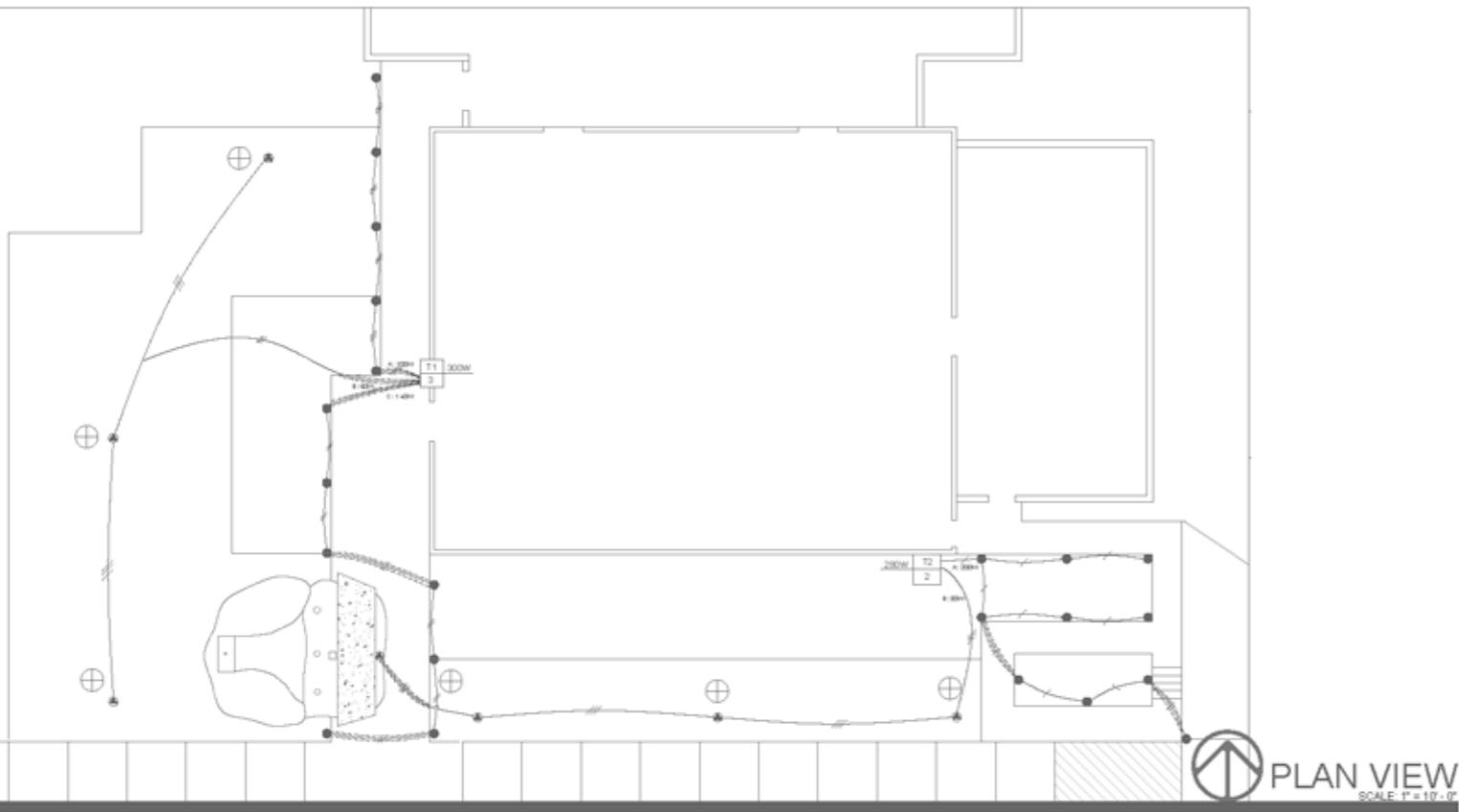
LEGEND

| SYMBOL | DESCRIPTION |
|--------|---|
| (P) | PUMP |
| (F) | FILTER |
| (E) | ELECTRICAL SOURCE |
| ▽ | 1" PLASTIC VALVE W/ FLOW CONTROL |
| □ | PVC SCHEDULE 40 BALL VALVE |
| ■ | NORMALLY CLOSED MASTER VALVE-1-1/4" SIZE |
| ■ | 1-1/4" REDUCED PRESSURE BACKFLOW PREVENTER |
| ○ | 1-1/4" PRESSURE REGULATOR |
| ◀ | GATE VALVE, LINE SIZE |
| ■ | EXISTING 3/4" POTABLE WATER METER, TO BE USED FOR IRRIGATION POINT OF CONNECTION |
| — | MAINLINE PIPING-SCHEDULE 40 PVC - ALL 1-1/4" SIZE |
| — | ELECTRICAL LINE |
| — | SLEEVING FOR MAINLINE UNDER PAVING-SCHEDULE 40 PVC - (TO BE 2x SIZE OF ENCLOSED PIPING) |
| — | XFS SUB-SURFACE DRIPLINE W/ COPPER SHIELD TECHNOLOGY |
| — | SLEEVING FOR VALVE WIRES UNDER PAVING-SCHEDULE 40 PVC-2" SIZE, OR NOTED |



WATER FEATURE DETAILS





LEGEND

| SYMBOL | MANUFACTURER | MODEL | DESCRIPTION | FINISH | LAMP | BEAM | WATTS | MOUNT | TRANSFORMER 1 | TRANSFORMER 2 | |
|--------|--------------|-----------|-------------|--------|---------------|-------|-------|-------|---------------|---------------|-----|
| | | | | | | | | | A | B | |
| ● | FX LUMINAIRE | CV-20-12R | PATHLIGHT | COPPER | XENON G4 | 4 FT | 20W | CDS | 100 | 140 | 200 |
| ● | FX LUMINAIRE | VL-20 | DOWNLIGHT | COPPER | HALOGEN AR-11 | 83 IN | 20W | — | — | 60 | — |
| □ | FX LUMINAIRE | LX-300 | TRANSFORMER | — | — | — | 300W | — | 300 | — | 280 |
| ⊕ | — | — | TREE TRUNK | — | — | — | — | — | — | — | — |

SLEEVING FOR WIRES UNDER PAVING

WIRING SIZING CHART

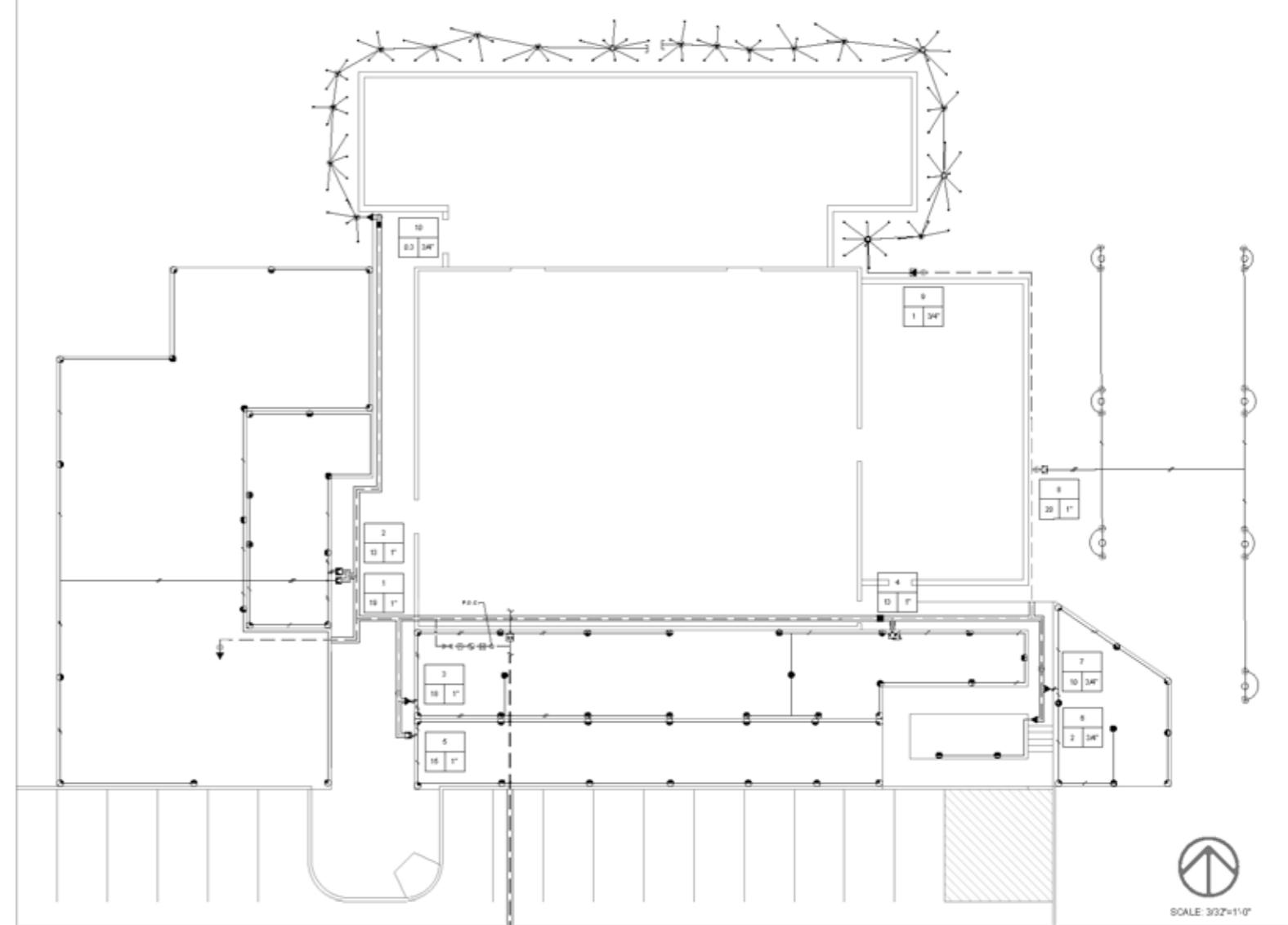
#6 WIRE, DIRECT BURIAL LINE
#10 WIRE, DIRECT BURIAL LINE
#12 WIRE, DIRECT BURIAL LINE

TRANSFORMER #
T# W
TOTAL WATTS
OF CIRCUITS

CONSTRUCTION NOTES

- The supply and installation of a 12 volt landscape lighting system which includes the fixtures specified on Lighting Legend as well as the installation of low voltage transformers and direct burial cable necessary to complete layout as shown. This lighting plan is diagrammatic and is intended to show general fixture locations and utilities. Contractor is responsible for necessary line (120v) and low voltage (12v) work to complete the lighting design as shown.
- All work performed is to comply with the Uniform Building Code, California Electrical Code Title 8, and all local codes and ordinances. Contractor shall possess all necessary licenses to complete work and shall carry general liability and workmen's compensation insurance. Contractor is to obtain all necessary permits to complete work described.
- A contractor is to verify site measurements, grades, existing chase line sleeves, existing plant locations and existing utilities, equipment and switching controls. Contractor is to provide all necessary components and accessories to complete installation as specified.
- Cabling shown on plan is for fixture grouping only. Cable to be circulated and sized to provide a minimum of 10.5 volts and a maximum of 11.5 volts to all lighting fixtures. Refer to FX Luminaire's "Circuiting Guidelines" included with the transformer. Minimum underground low voltage cable size is 12-gauge multi-strand direct burial cable along the edge of hardscape and mowstrips whenever possible. Minimum cable depth is 8". Contractor is to install 1" PVC chase line sleeves with sweep connector any cable run under hardscape or difficult to access areas such as at grade decks and high impact areas such as color planters that receive seasonal color changes. Leave 24" loops at all fixture locations for final adjustment. All wire junctions shall be waterproofed with FX Luminaire's Landscape-C102™ connectors or APPROVED equal. Only fully encapsulated waterproof connectors rated for direct burial will be accepted. Black-taped connections will be rejected.
- Verify exact location with Landscape Architect or owner's agent before commencing installation. All fixtures shall be in a new, unused condition. Equipment shall be the type specified - there will be no substitutions without prior APPROVAL from Landscape Architect or Owner's agent. Install all equipment as per manufacturer's specifications and details.
- Shall be FXLuminaire® stainless steel Polenza® transformer sized to be 100% loaded. Transformers to be installed inconspicuously using plant material or site features to obscure a direct view of their locations. Avoid locations that are easily accessible to children or that are in a direct path of irrigation water. Install transformer 12" off grade and level. All wires leading to or from transformer shall be in conduit sleeve that is firmly affixed to mounting surface. All junction boxes and other equipment shall be UL approved for wet location. Plant transformers and any necessary junction boxes or conduit to match the surface on which they are mounted. Install transformers according to manufacturer's specifications and local codes. All exposed metal parts including transformers shall be permanently grounded in accordance with the National Electrical Code that is firmly affixed to mounting surface.
- Verify final fixture location prior to installation. Tree cable shall be 14-16 gauge brown or black low voltage two-conductor. Run 12 gauge cable only if 14 gauge will not provide fixtures with the 10% of minimum. Install cable on the site opposite primary view with nylon C-clips and a single stainless screw. Do not use staples, as the tree will expand, cutting into cable. Leave a slight slack in tree cable to allow for expansion of the tree. Make connections in FX Mini J-boxes using the included yellow wire nuts. If no Mini J-box is used, mount the connection so that the wire nuts are pointed up, preventing any water from collecting in them. Lightly spray paint wire and connection to match tree color - typically Kynar primer gray or flat black.
- Contractor is to coordinate a convenient time in the evening to test and site all equipment to the satisfaction of the Landscape Architect or Owner's agent.
- Upon completion and acceptance of the described work, the Contractor shall provide a guarantee for all workmanship and equipment for the period of one year from the date of acceptance. All warranty service work shall be performed at no cost to Owner and be done on site when possible.
- Before final payment is released, Contractor will provide Owner, at a predetermined cost, with a complete and reproducible drawing of the system layout as it was actually installed. This drawing should include the location of underground cable, chase line sleeves, and all fixtures and equipment.

LIGHTING + IRRIGATION PLAN



LEGEND

| SYMBOL | MANUFACTURER | MODEL # | DESCRIPTION | GPM | RAD. | P.S.I. |
|--------|--------------|---------|-------------|-----|------|--------|
|--------|--------------|---------|-------------|-----|------|--------|

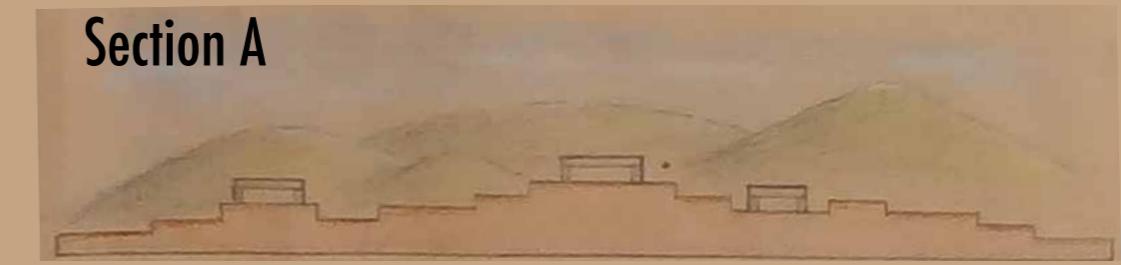
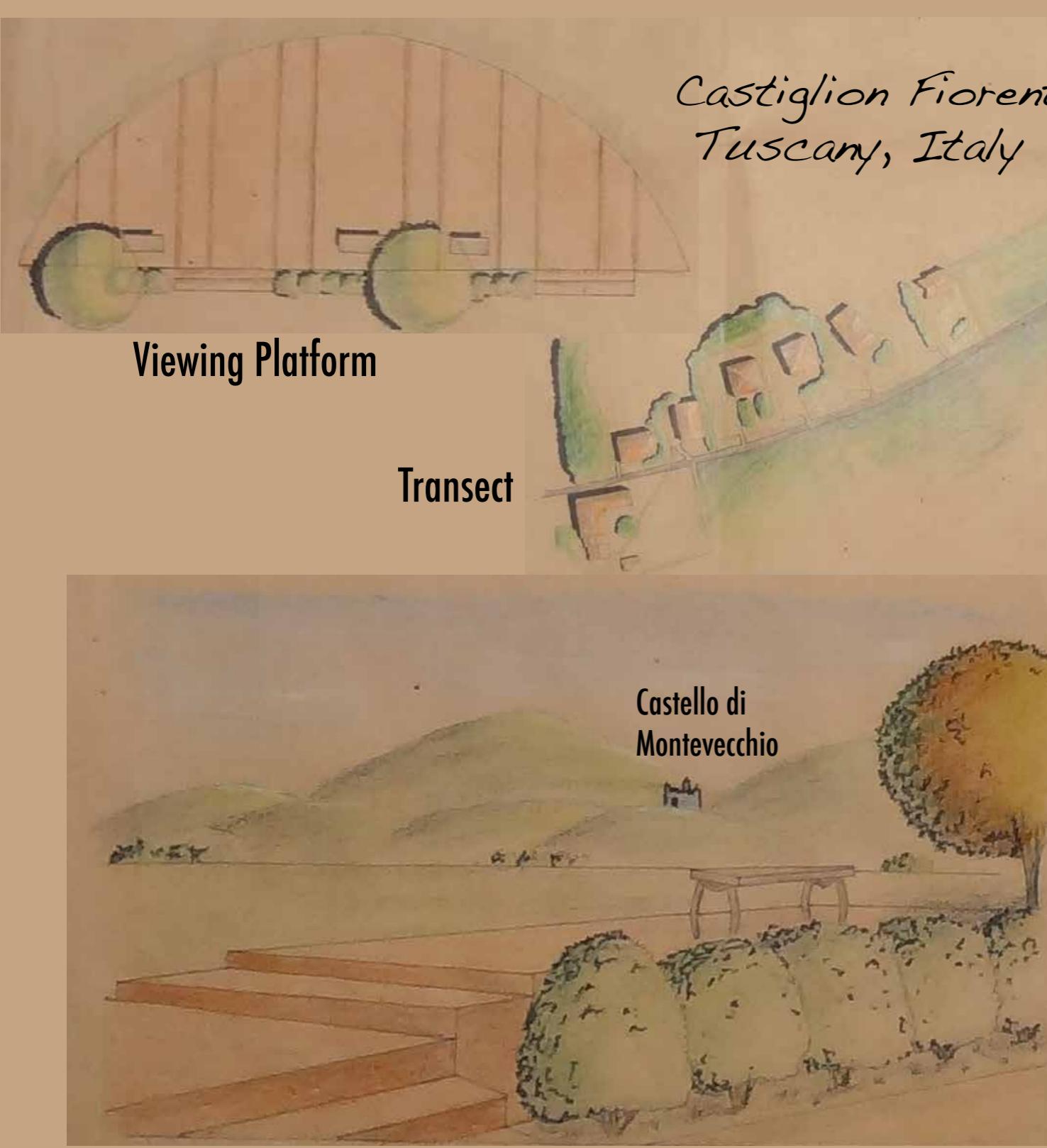
| | | | | | | |
|---|-----------|--|--|------|----|----|
| ● | RAIN BIRD | 1804-SAM-8H | MATCHED PRECIPITATION RATE NOZZLES | 0.42 | 6 | 20 |
| ● | RAIN BIRD | 1804-SAM-12F | MATCHED PRECIPITATION RATE NOZZLES | 2.10 | 10 | 20 |
| ● | RAIN BIRD | 1804-SAM-12H | MATCHED PRECIPITATION RATE NOZZLES | 1.05 | 10 | 20 |
| ● | RAIN BIRD | 1804-SAM-15H | MATCHED PRECIPITATION RATE NOZZLES | 1.50 | 12 | 20 |
| ● | RAIN BIRD | 1804-SAM-15Q | MATCHED PRECIPITATION RATE NOZZLES | 0.75 | 12 | 20 |
| ● | RAIN BIRD | 1804-SAM-6-VAN (180 Arc) | VARIABE ARC NOZZLES | 0.49 | 5 | 20 |
| ● | RAIN BIRD | 1804-SAM-10-VAN (360 Arc) | VARIABE ARC NOZZLES | 2.32 | 8 | 20 |
| ● | RAIN BIRD | 1804-SAM-12-VAN (180 Arc) | VARIABE ARC NOZZLES | 0.93 | 10 | 20 |
| ● | RAIN BIRD | 1804-SAM-15-VAN (180 Arc) | VARIABE ARC NOZZLES | 1.39 | 10 | 20 |
| ● | RAIN BIRD | 1804-SAM-15-VAN (270 Arc) | VARIABE ARC NOZZLES | 1.50 | 12 | 20 |
| ● | RAIN BIRD | 1804-SAM-15-VAN (180 Arc) | VARIABE ARC NOZZLES | 2.25 | 12 | 20 |
| ● | RAIN BIRD | 1804-SAM-18-VAN (180 Arc) | VARIABE ARC NOZZLES | 2.35 | 15 | 20 |
| ● | RAIN BIRD | 1804-SAM-18-VAN (90 Arc) | VARIABE ARC NOZZLES | 1.17 | 15 | 20 |
| ● | RAIN BIRD | 1300A-F | ADJUSTABLE FULL-CIRCLE BUBBLER | 1.40 | - | 20 |
| ● | RAIN BIRD | EMT-8XERI | 8 OUTLET MANIFOLD | | | |
| ● | RAIN BIRD | XBD-81 | XERI-BIRD 8 MULTI-OUTLET EMISSION DEVICE | | | |
| ● | RAIN BIRD | 075-DV | 3/4" PLASTIC VALVES W/ FLOW CONTROL | | | |
| ● | RAIN BIRD | 100-DV | 1" PLASTIC VALVES W/ FLOW CONTROL | | | |
| ● | RAIN BIRD | LFV-075 | 3/4" LOW FLOW DV VALVES | | | |
| ● | RAIN BIRD | LFV-100 | 1" LOW FLOW DV VALVES | | | |
| ● | RAIN BIRD | 3-RC | QUICK-COUPLING VALVES | | | |
| ● | NIBCO | 4660-S | PVC SCHEDULE 40 BALL VALVE | | | |
| ● | SUPERIOR | 3000 | NORMALLY CLOSED MASTER VALVE-1-1/4" SIZE | | | |
| ● | FEBCO | 825Y | 1-1/4" REDUCED PRESSURE BACKFLOW PREVENTER | | | |
| ● | WILKINS | 500 | 1-1/4" PRESSURE REGULATOR | | | |
| ● | NIBCO | T-113 | GATE VALVE, LINE SIZE | | | |
| ● | | EXISTING 3/4" POTABLE WATER METER, TO BE USED FOR IRRIGATION POINT OF CONNECTION | | | | |

VALVE SEQUENCE
APPROX. G.P.M.
MAINLINE PIPING-SCHEDULE 40 P.V.C. - ALL 1-1/4" SIZE
LATERAL PIPING CLASS 200 IPS PLASTIC P.V.C.
SLEEVING FOR MANLINE UNDER PAVING-SCHEDULE 40 P.V.C. (TO BE 2x SIZE OF ENCLOSED PIPING)
XFS SUB-SURFACE DRIPLINE W/ COPPER SHIELD TECHNOLOGY
SLEEVING FOR VALVE WRES UNDER PAVING-SCHEDULE 40 P.V.C. -2" SIZE, OR NOTED

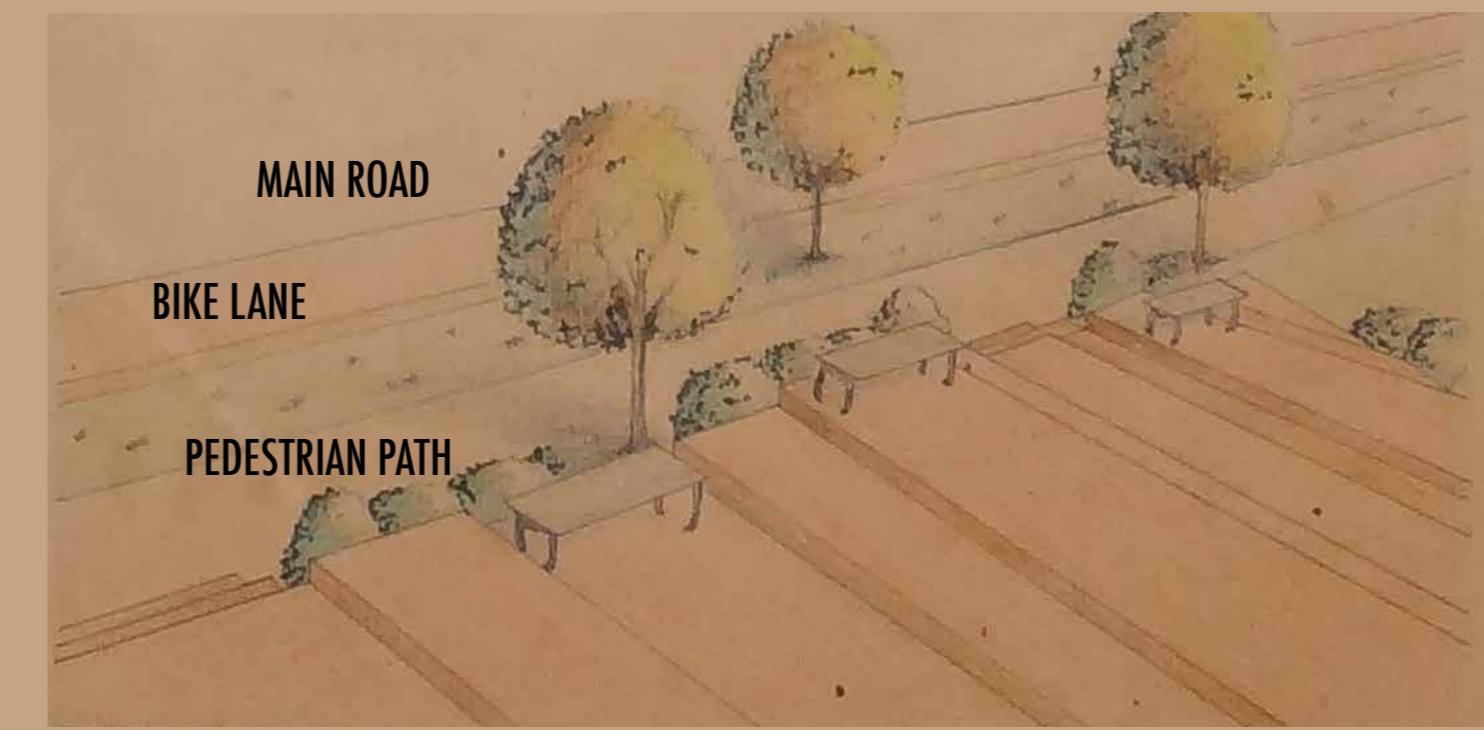
| LATERAL PIPE SIZING CHART | |
|---------------------------|-----------------------------|
| 1/2" | 0 G.P.M. TO 3.00 G.P.M. |
| 3/4" | 3.1 G.P.M. TO 6.00 G.P.M. |
| 1" | 6.1 G.P.M. TO 12.00 G.P.M. |
| 1-1/4" | 12.1 G.P.M. TO 20.00 G.P.M. |

SUBURBAN ALLUVIUM

Goal: To create a functional and safe transect for all modes of transportation by designing separated pedestrian pathways and bicycle lanes, and by designing a lookout area overviewing the beautiful hills of Tuscany.



The platform is designed at the different heights representing the heights of the rolling hills, and curved to represent its curvature.



URBAN

South Park District

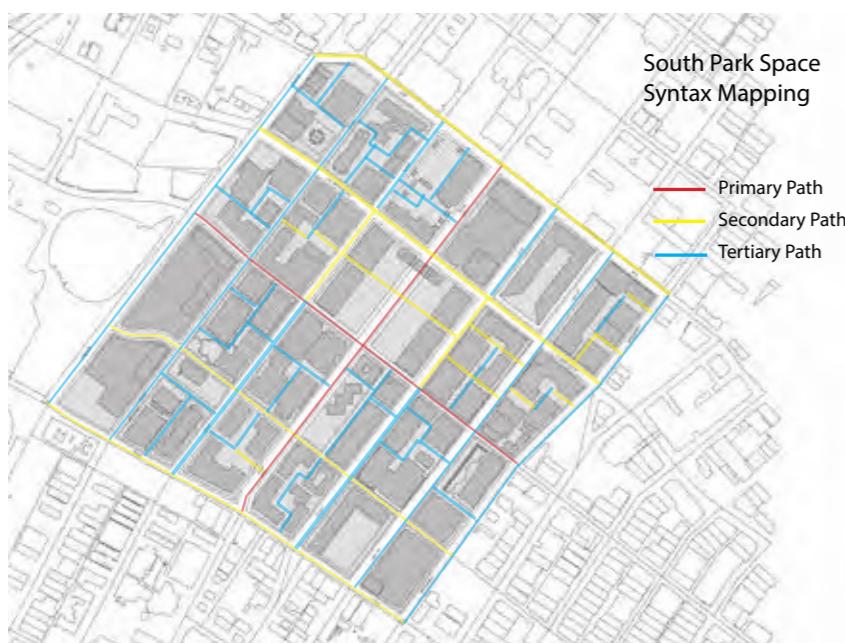
Downtown Los Angeles, California

GOAL: To provide an enhanced urban experience, while simultaneously promoting a sense of residential community within Downtown Los Angeles.



OBJECTIVES:

- Design plazas and open spaces
- Promote sustainability
- Provide a pedestrian-friendly environment
- Enhance the streetscape experience
- Convert unused spaces for public gathering
- Create more community opportunities
- Promote mixed use development
- Provide Inclusionary Housing
- Create more development for better security
- Promote a better shopping and dining experience
- Provide bicycle lanes



PEDESTRIAN TRAFFIC



VEHICULAR TRAFFIC



BICYCLE TRAFFIC

URBAN EXPERIENCE



RESIDENTIAL + BUSINESS



PARK SPACE



LIVE.



WORK.



PLAY.

URBAN

South Park District

Downtown Los Angeles, California

SOUTH PARK



SHOPPING PLAZA

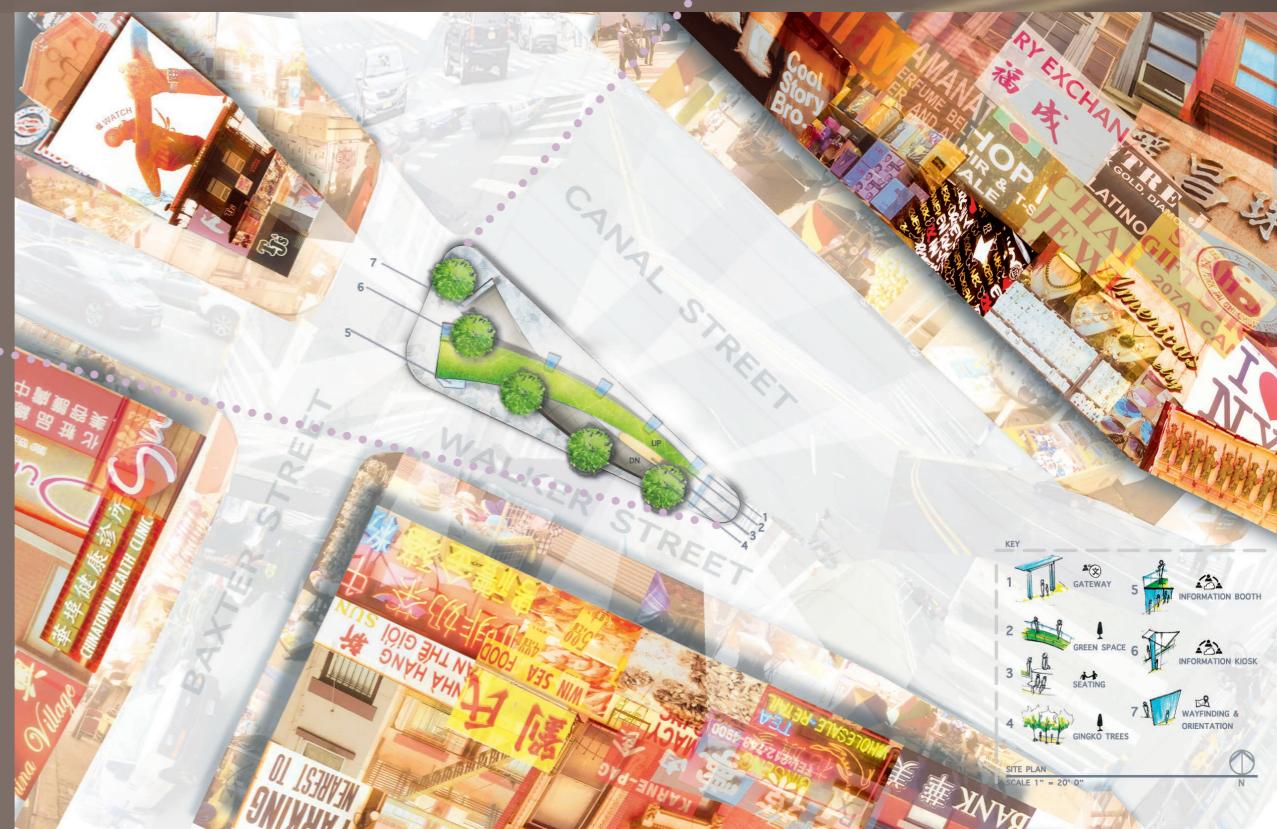




GATEWAY TO CHINATOWN

New York, NY
Kushner Studios

*Renders in collaboration with fellow interns:
Ruchita Chandsarkar, Boyu Liu, and Romeo Romulo*



THANK YOU.