

# Architecture Portfolio

2018 - 2024

Qixian Zhang



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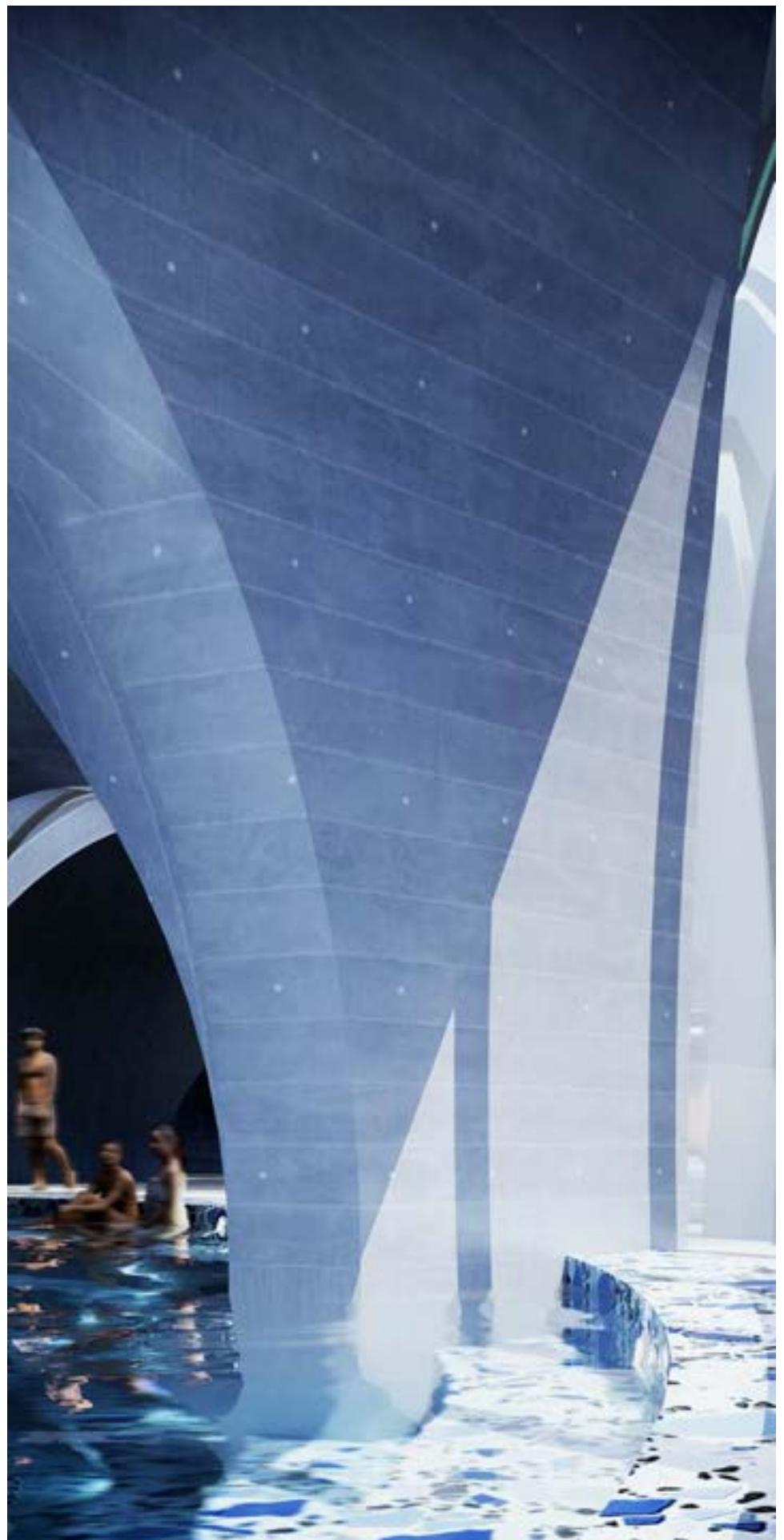
## Arch-y Bath

Spring, 2022 | Instructor: Daniel Markiewicz | Partner: Xinru Tan

Fairmont Park, Philadelphia, PA.

Weitzman School of Design, University of Pennsylvania

The project aims to bring the public and visitors together to relax and recharge themselves when needed. Arch-y Bath would also become a rare and exclusive destination for the city of Philadelphia since the city doesn't usually equip its public facilities with the idea of leisure. The design starts with a simple half-circle arch that is extruded off scale to create unique interior space. Multiple of them are brought together based on the location of the site and with the thought of generating more interesting space for the program. The bathhouse is also carefully designed to hide from the further eye sight, located in the middle of the Fairmount Park provides a good environment of privacy for bathing. Quiet and peaceful surrounding help visitor to fully relax and enjoy the experience. The structure of the building is also designed to be functional during cold winter time. Specialized waterproofing and thermal performance studies are done during the design process to accommodate such needs.





Aerial render.



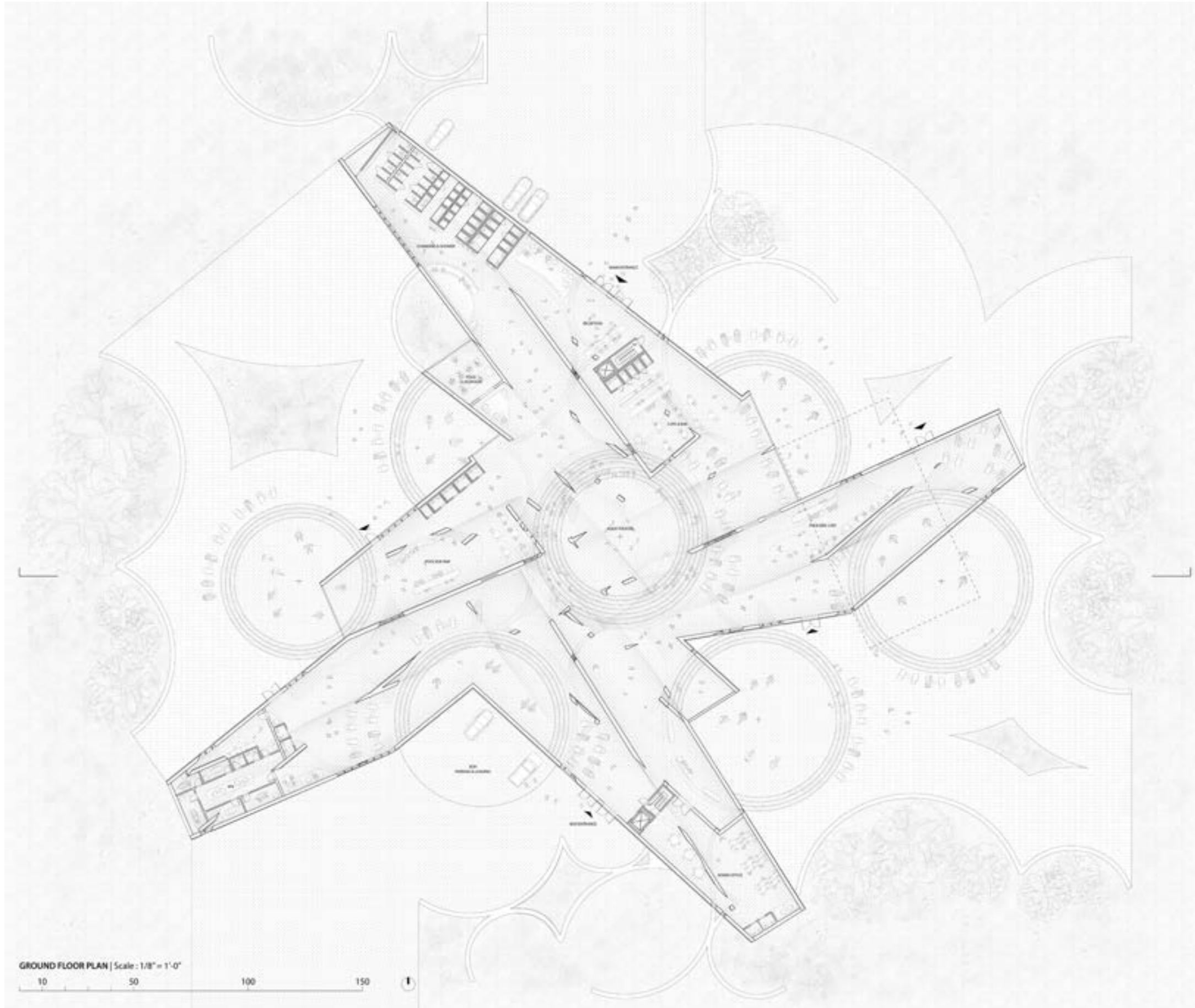
Render view of a exterior public pool.



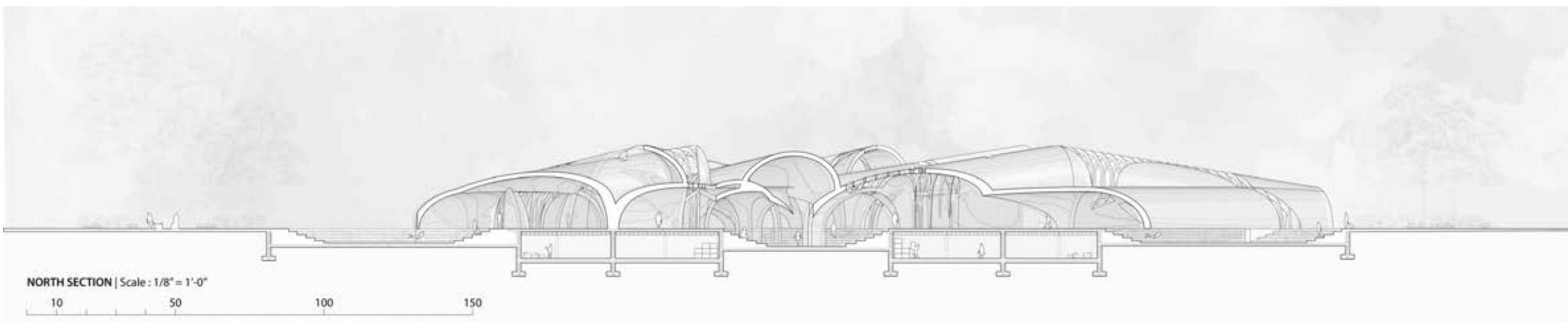
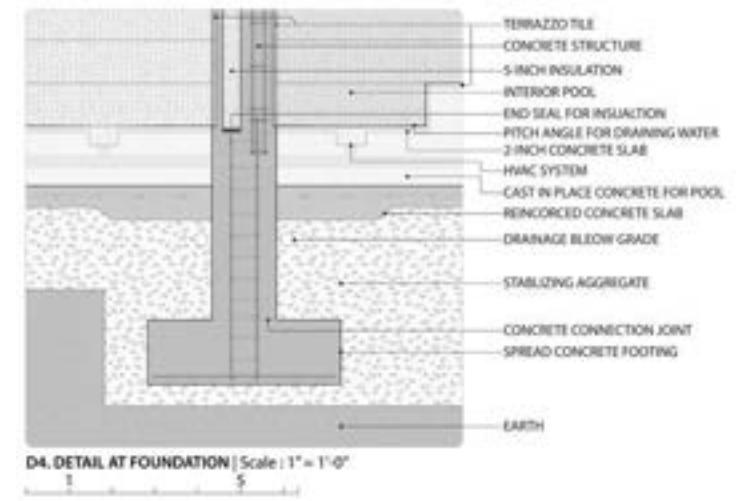
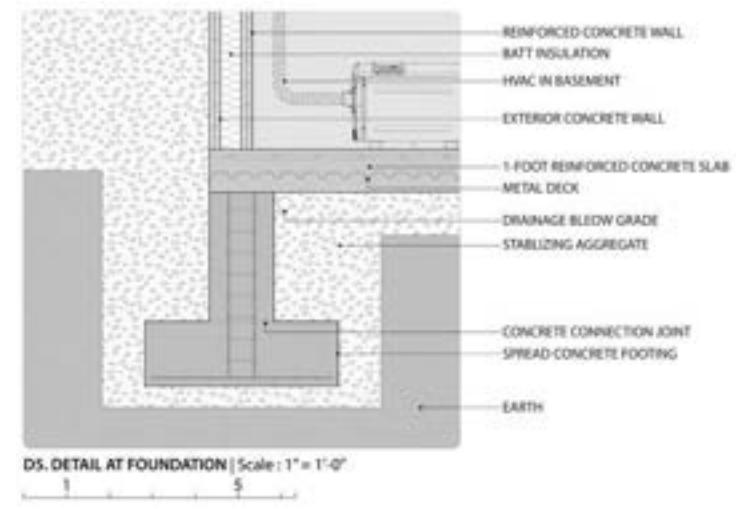
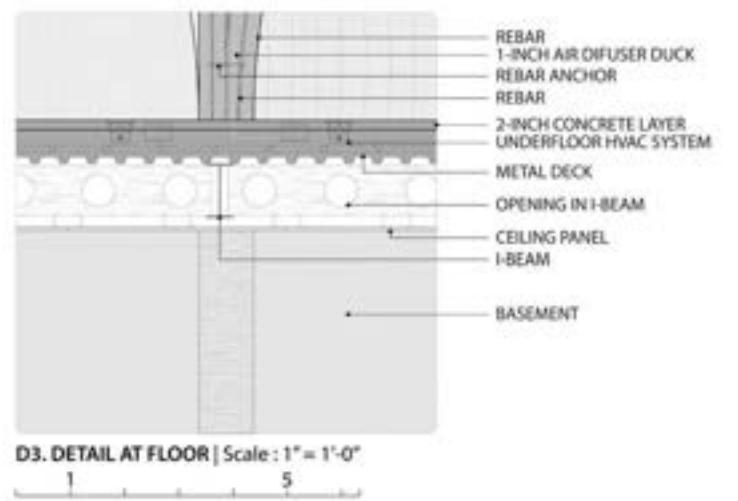
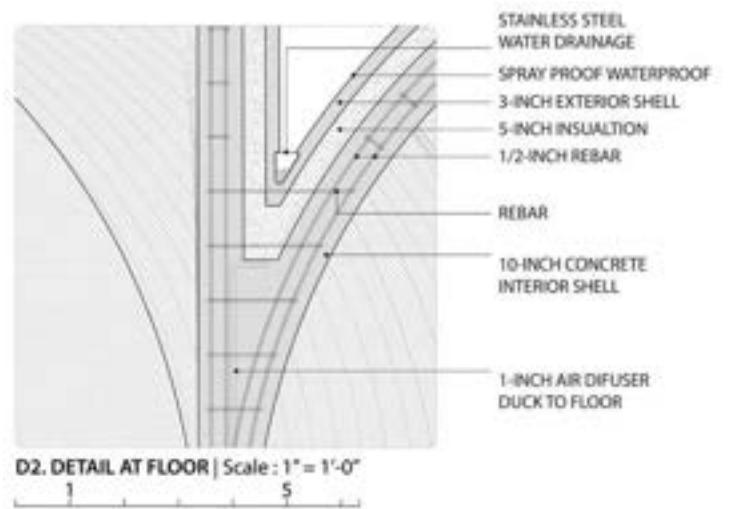
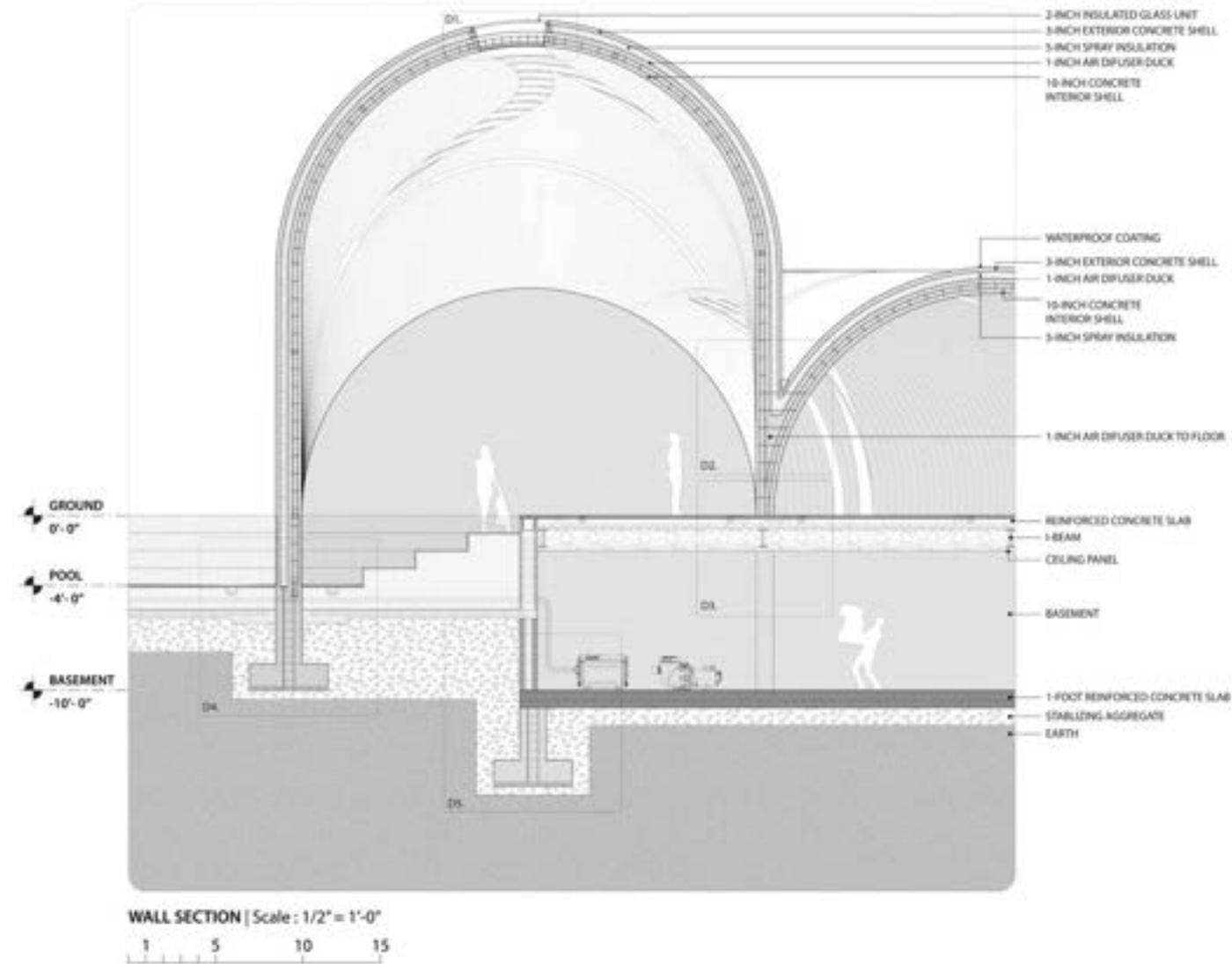
Interior render between arch ways.



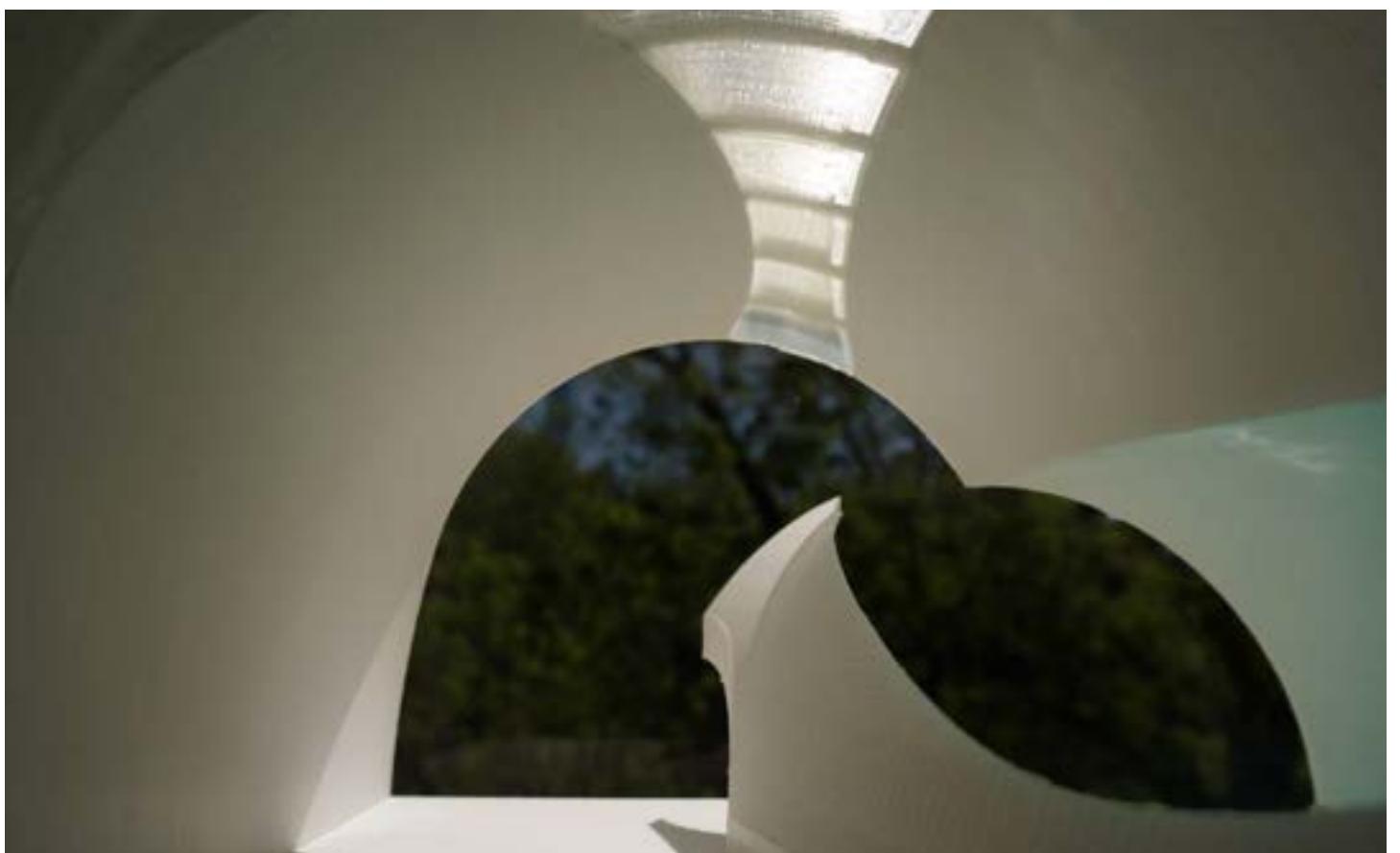
Interior render of main pool with structural concrete rib at top.



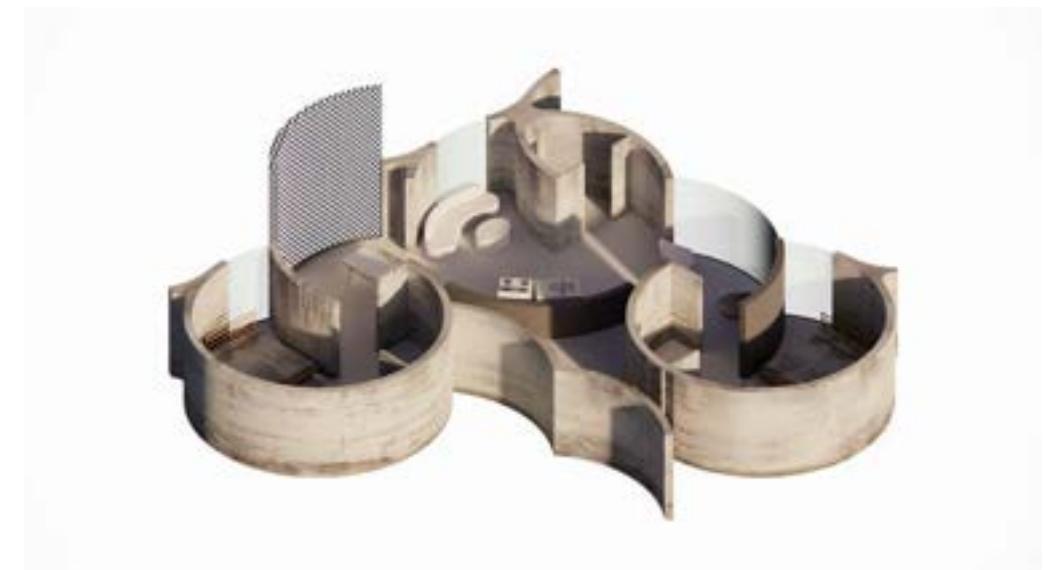
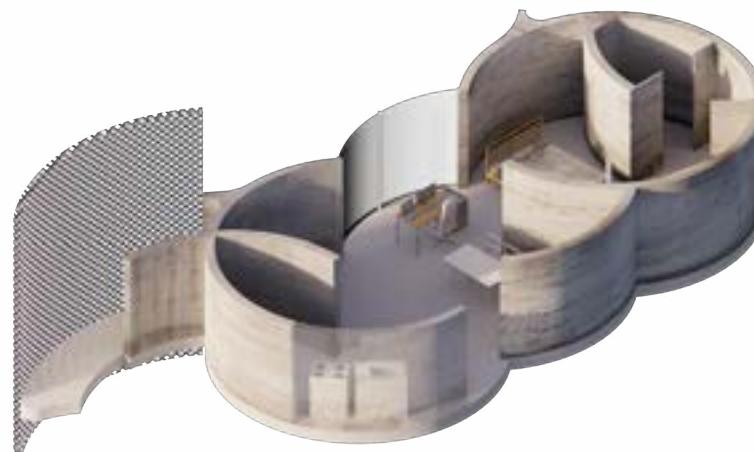
Ground floor plan shows building connection to the site,  
as well as public and administrative entrance.



Overall section showing larger pool areas around the exterior as well as the main pool in the center of the building.



Photos of physical chunk model.



## Curved House

Fall, 2021 | Instructor: Ben Krone

Redhook, New York.

Weitzman School of Design, University of Pennsylvania

The neighborhood of Red Hook in New York is currently facing gentrification and the local people are struggling to find affordable housing. The project aims to renovate an existing abandoned structure into an affordable housing complex with co-working spaces for attracting more people to live and work at the community. The renovation drives from the idea of maintaining the dominant structural appearance of the existing structure while introduce a subtle but innovative design language that won't interrupt the existing. A simple but elegant "S" curve was brought in for introducing a smooth connection between structures as well as cut them open to let in natural light. As a result, both interior space and exterior appearance are reborn. This new public housing complex is set to bring in energy and youth in the near future for the community of Redhook.



Elevation of main facade.



Axonometric cutaway drawing.



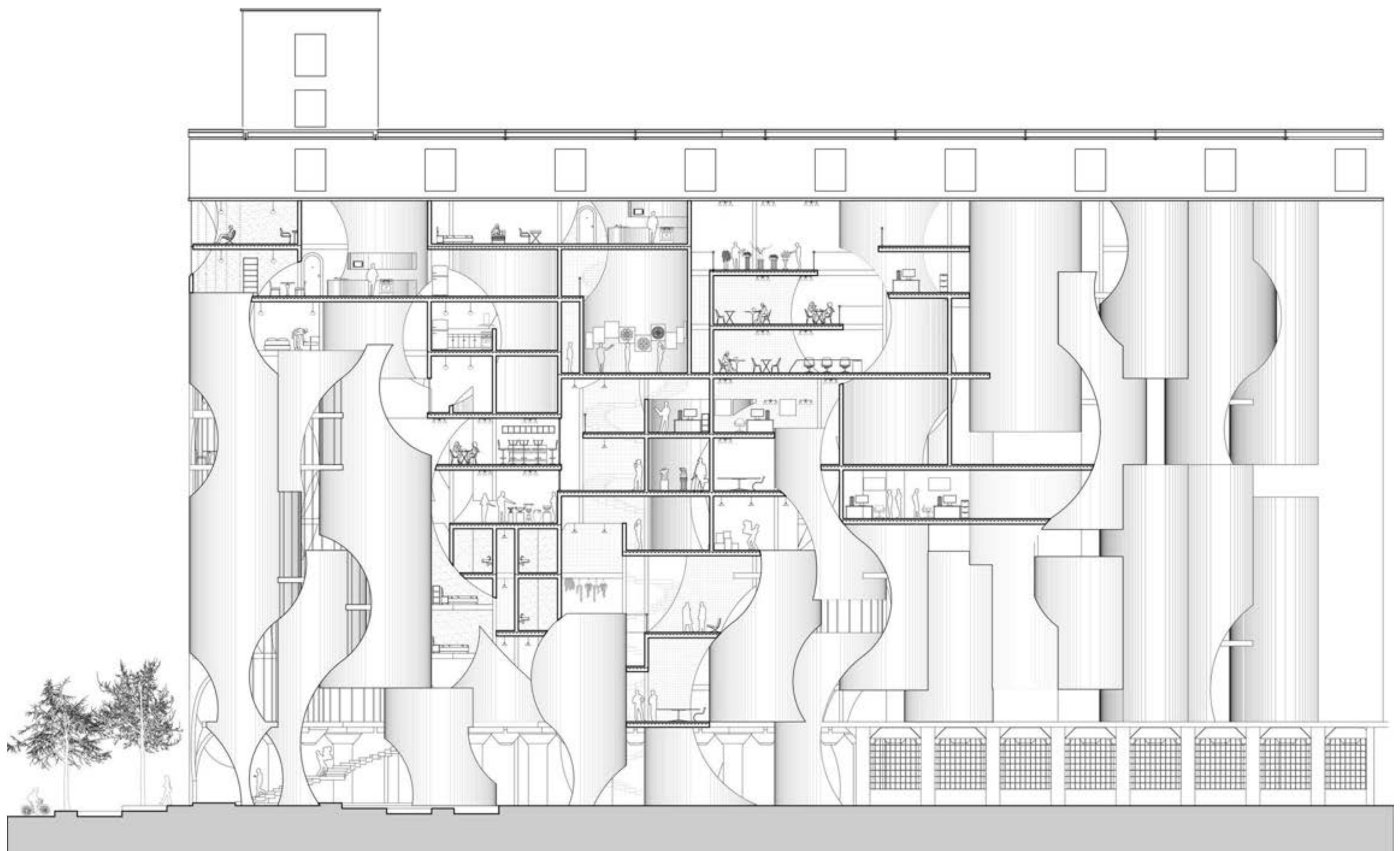
Render view of inside a housing unit.



Render of main entrance.



Overall night view render.



Cutaway section shows interior spaces.



Public common space within the building allow public and the resident to engage and interact on a daily basis.



Main floor plan shows interior spaces between housing units and public space.

## Underneath The Ground

Fall, 2022 | Instructor: Ferda Kolatan | Team Member: Jun Yan

Cappadocia, Turkey.

Weitzman School of Design, University of Pennsylvania

Cappadocia, originated from the early Christian period, is this name that represents the region of exceptional natural wonders in the middle of Turkey. The site is located at a hill with existing food storage tunnel dug by a simple machine on the volcanic ash call "tuff" which is soft but strong after exposed to air and moisture. We were interested in the texture that the machine leaves behind around the interior and the powerful and mysterious beauty imagery by adding artificial lights. Thus, we pushed the machine further to develop our intervention underground, again; reinvented a underground world that is unique to its environment and the maker.



Render view at top of the hill.



Machine for digging tunnels.



Textures made from machine in tunnels.



1.



2.



3.

Early studies of machine operation (Fig1. & 2. & 3.).



Further studies model of machine operation and texture making.



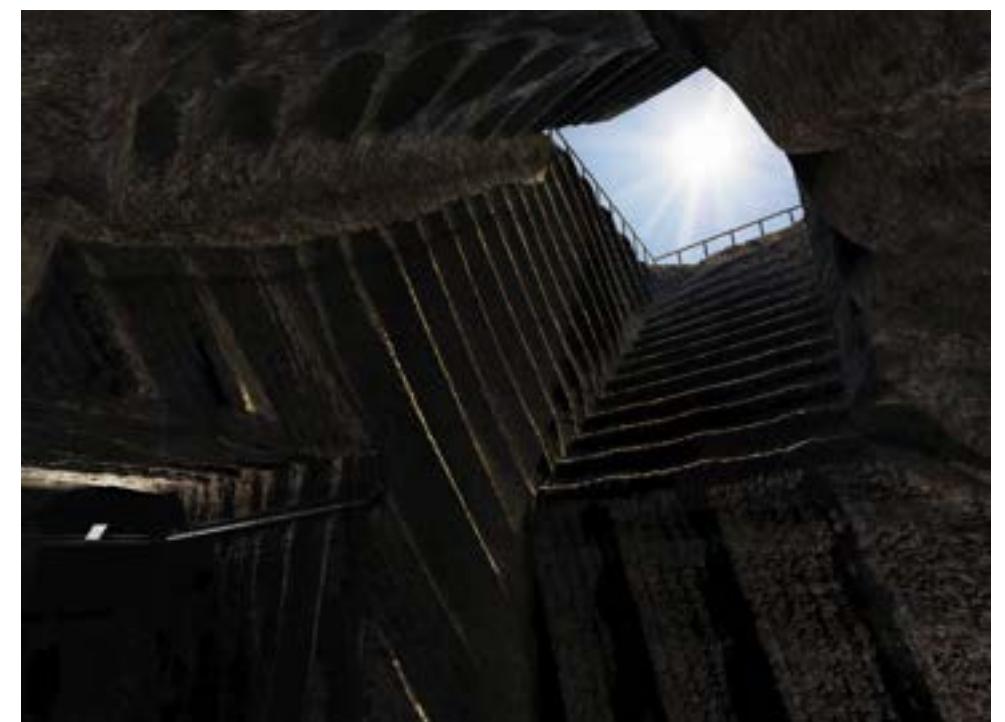
Render of exterior, approaching from the main road.



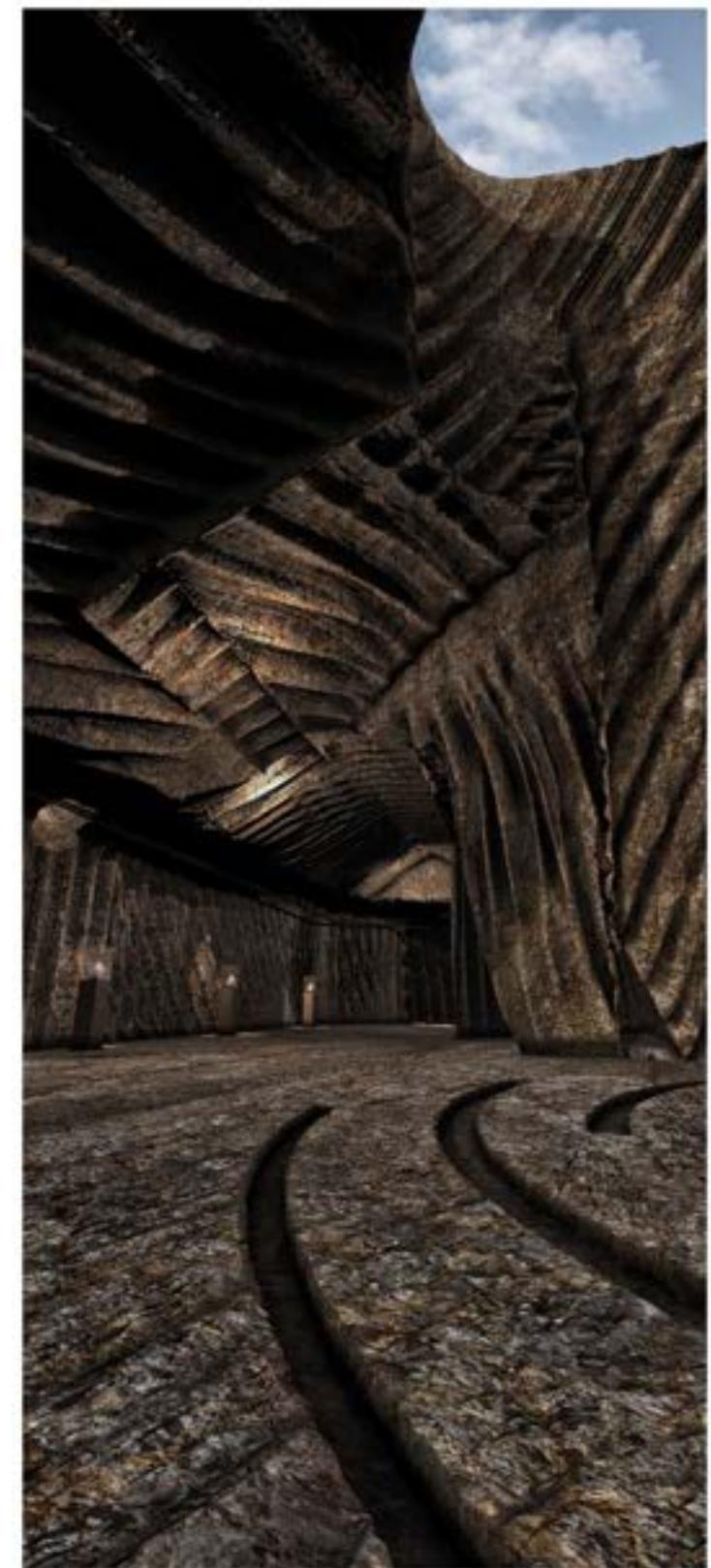
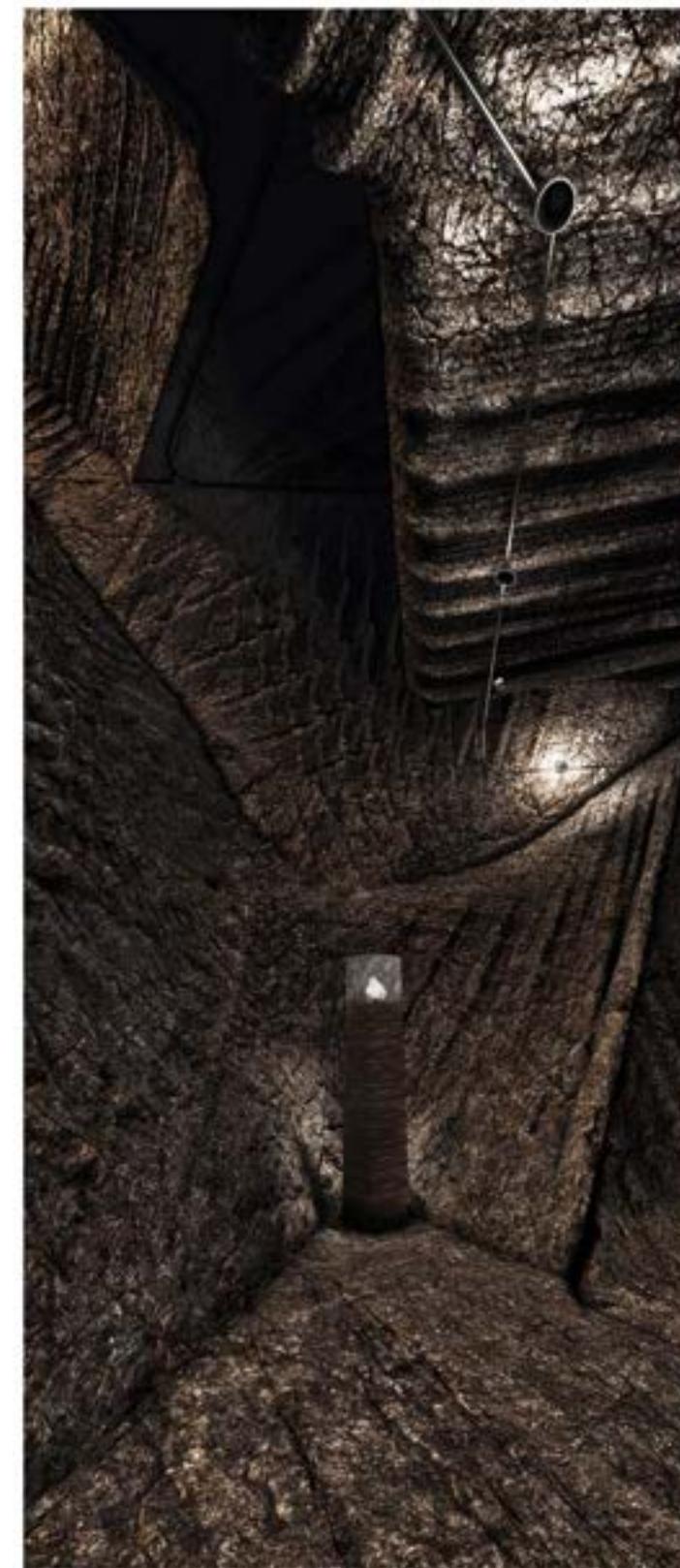
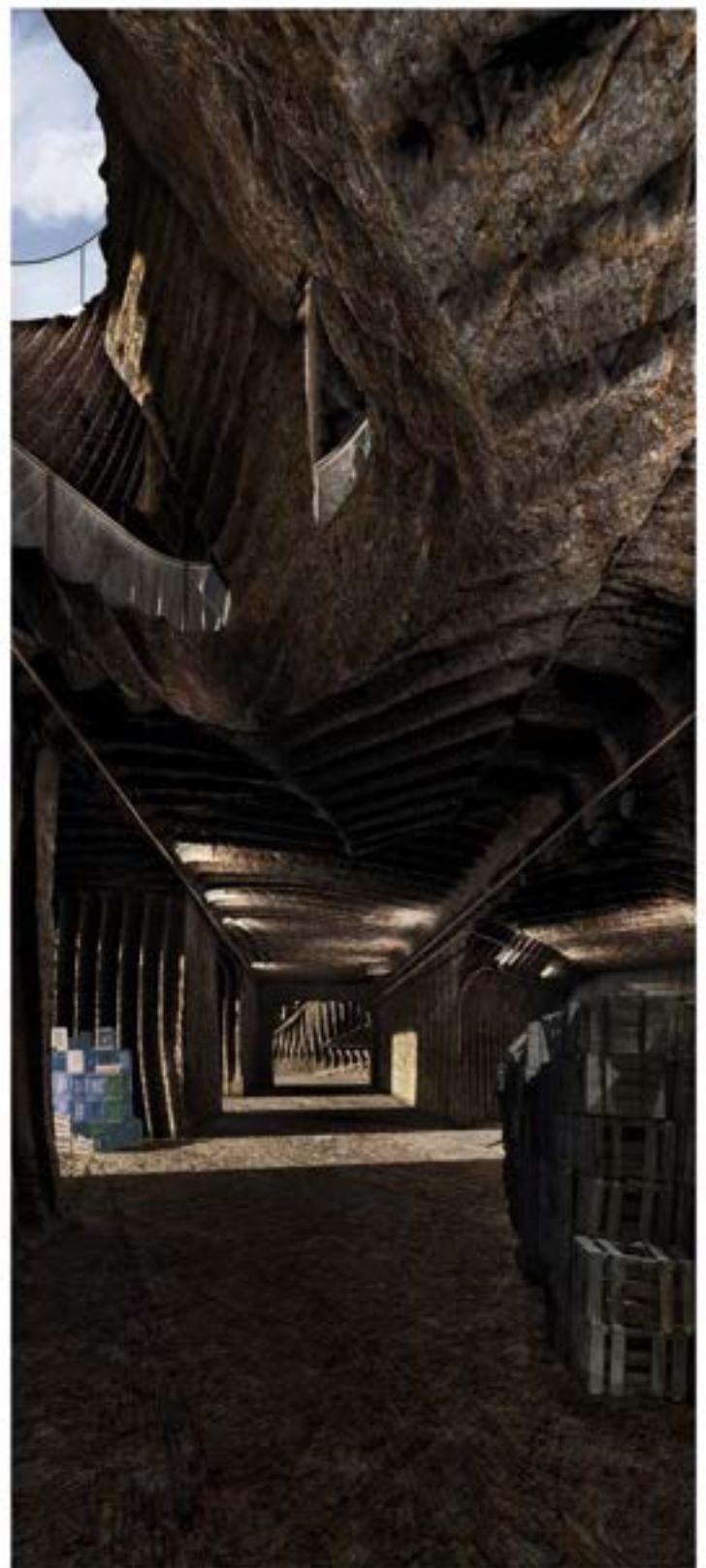
Render of interior with detail texture on the structure.



Render of existing entry way of (left) along with newly designed entry for programs (right).



Render of interior space look up to the sky.



Unusual experience in Beneath the Ground.



Photos of physical chunk model.

## Garin Patel Townhouse

Winter 2023 - Present | Project Architect: Annie Coombs

Queens, NY.

Siris Coombs Architecture

Locatied in a quite and harmonious neighborhood in Queens, NY. This townhouse is in the need for a revitalization. Our team aim to salvage as many existing materials as possible to lessen the environmental footprint as well as thrive to maintain the vernacular aesthetic within the neighborhood. Our design strategies also introduce passive house design that includes high thermal mass exterior wall, light well and a green roof, help making the house more energy efficient throughout the year.





**S•C•A**

CONSULTANTS:  
STRUCTURAL ENGINEER:

MECHANICAL ENGINEER:

OWNER:  
GARIN PATEL  
34 - 52 67th Street.  
Queens, NY. 11372

BSCAN STICKER:

# GARIN PATEL TOWNHOUSE

34-52 76th Street.  
Queens, NY. 11372

SIRIS COOMBS ARCHITECTURE PLLC 37A 9TH ST. - #3, BROOKLYN, NY 11215 TEL: 212.580.2220

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## LIST OF DRAWINGS

### GENERAL

A.001 TITLE & GENERAL NOTES

### SITE

AS.100 SITE PLAN

### DEMOLITION

D.100 DEMO PLAN - CELLAR  
D.101 DEMO PLAN - FIRST FLOOR  
D.102 DEMO PLAN - SECOND FLOOR  
D.103 DEMO PLAN - THIRD FLOOR  
D.104 DEMO PLAN - ROOFDECK / BULKHEAD STAIR  
D.500 DEMO ELEVATION - EXTERIOR ELEVATIONS

### CONSTRUCTION PLANS

A.100 CONSTRUCTION PLAN - CELLAR  
A.101 CONSTRUCTION PLAN - FIRST FLOOR  
A.102 CONSTRUCTION PLAN - SECOND FLOOR  
A.103 CONSTRUCTION PLAN - THIRD FLOOR  
A.104 CONSTRUCTION PLAN - ROOFDECK / BULKHEAD STAIR  
A.200 FINISH PLAN - CELLAR  
A.201 FINISH PLAN - FIRST FLOOR  
A.202 FINISH PLAN - SECOND FLOOR  
A.203 FINISH PLAN - THIRD FLOOR  
A.204 FINISH PLAN - ROOFDECK / BULKHEAD STAIR  
A.300 RCP - CELLAR  
A.301 RCP - FIRST FLOOR  
A.302 RCP - SECOND FLOOR  
A.303 RCP - THIRD FLOOR  
A.304 RCP - ROOFDECK / BULKHEAD STAIR  
A.400 POWER PLAN - CELLAR  
A.401 POWER PLAN - FIRST FLOOR  
A.402 POWER PLAN - SECOND FLOOR  
A.403 POWER PLAN - THIRD FLOOR  
A.404 POWER PLAN - ROOFDECK / BULKHEAD STAIR

### EXTERIOR ELEVATIONS

A.500 EXTERIOR ELEVATIONS

### BUILDING & WALL SECTIONS

A.600 BUILDING SECTIONS  
A.601 BUILDING SECTIONS  
A.602 BUILDING SECTIONS

### INTERIOR ELEVATIONS

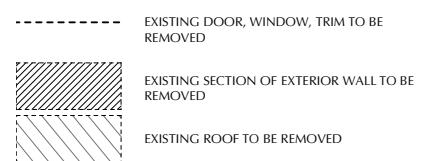
A.700 KITCHEN & DINING ELEVATIONS  
A.701 LIVING ROOM ELEVATIONS  
A.702 ENTRY & REAR MUD ROOM ELEVATIONS  
A.703 OPEN ELEVATIONS  
A.704 2ND FLOOR BEDROOM ELEVATIONS  
A.705 2ND FLOOR BATHS & LAUNDRY ELEVATIONS  
A.706 2ND FLOOR LANDING & OFFICE ELEVATIONS

### DETAILS

A.800 WALL DETAILS

### SCHEDULES

A.900 WINDOW & DOOR SCHEDULE

**DEMOLITION LEGEND**


REFER TO DEMOLITION PLANS FOR ADDITIONAL NOTES.



1 DEMO ELEVATION - FRONT - EAST

Scale: 1/4" = 1'-0"



2 DEMO ELEVATION - SIDE - SOUTH

Scale: 1/4" = 1'-0"



3 DEMO ELEVATION - REAR - WEST

Scale: 1/4" = 1'-0"

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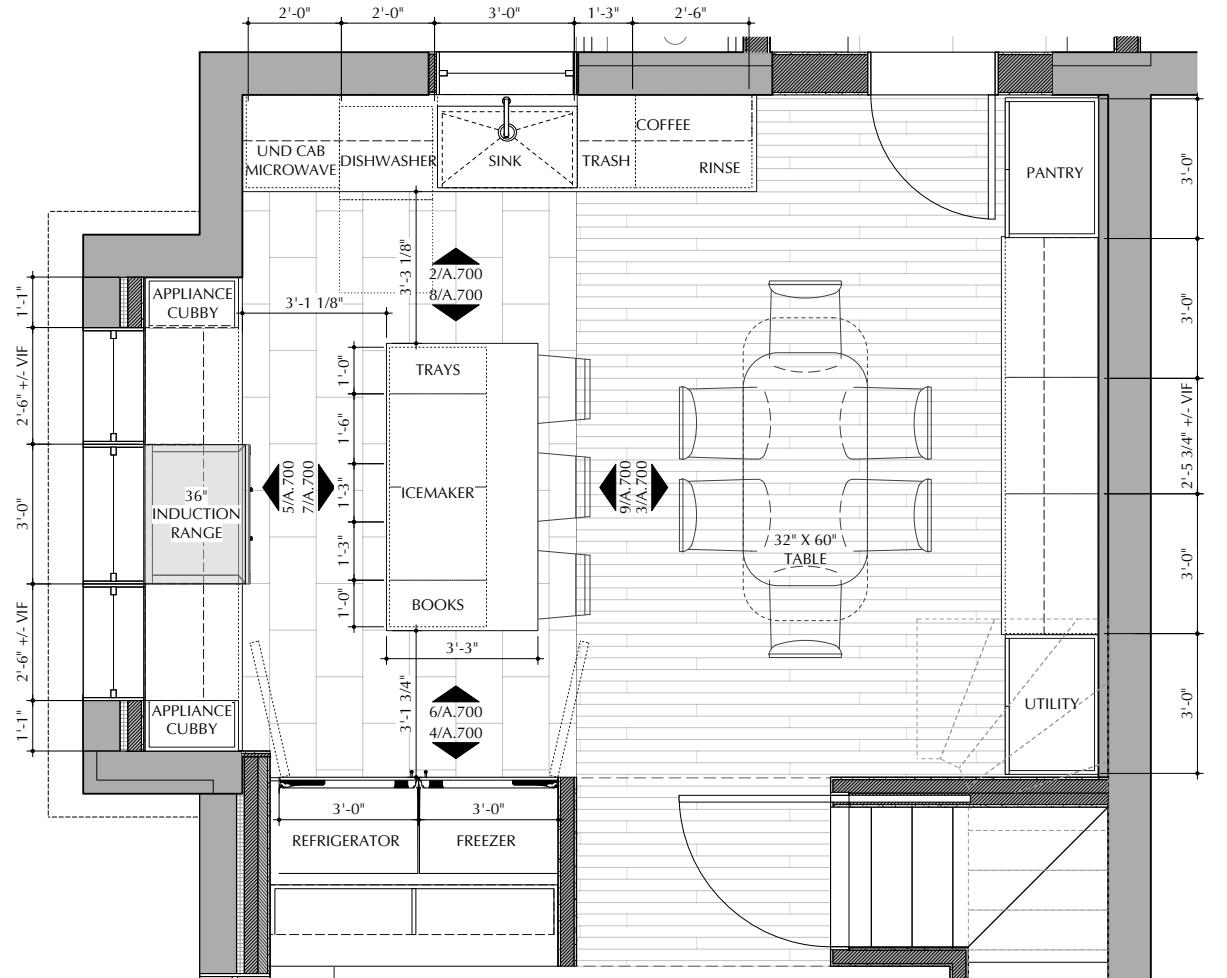
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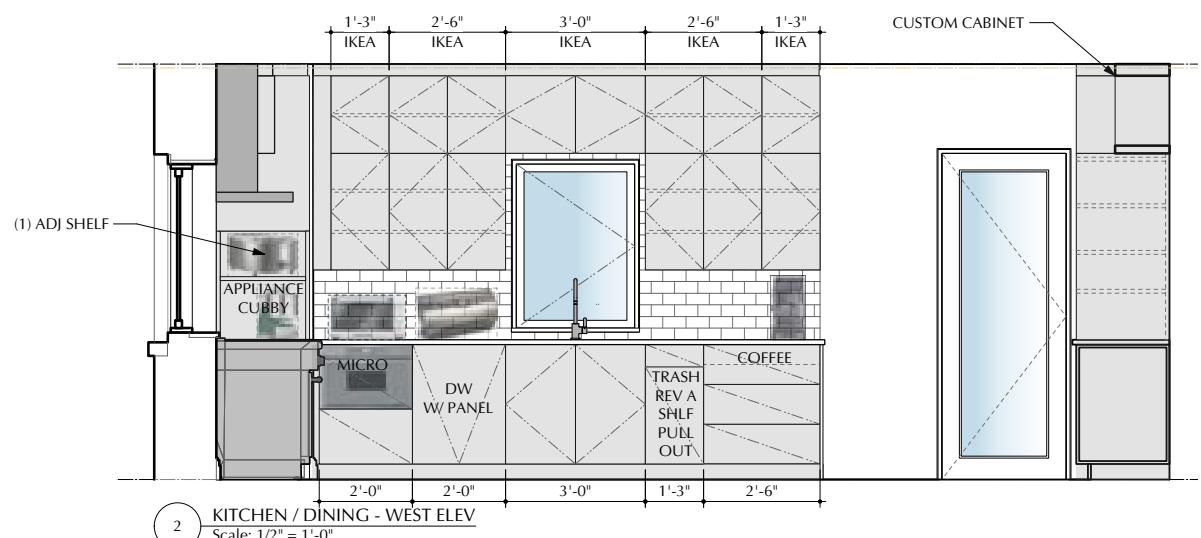
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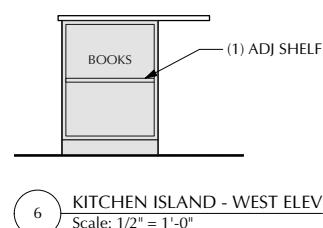
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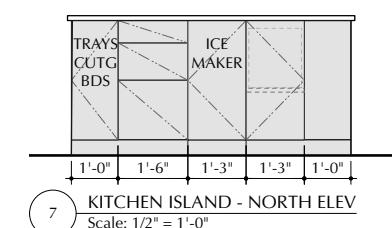
1 ENLARGED PLAN - KITCHEN / DINING  
Scale: 1/2" = 1'-0"



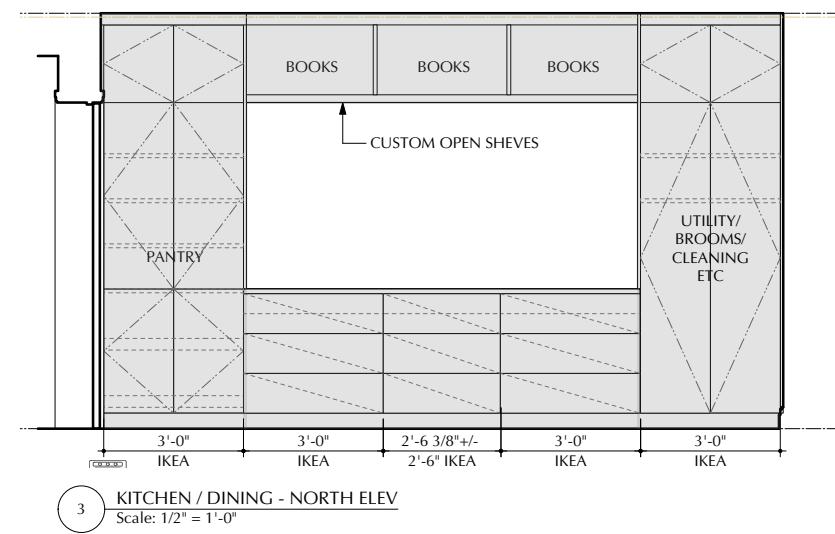
2 KITCHEN / DINING - WEST ELEV  
Scale: 1/2" = 1'-0"



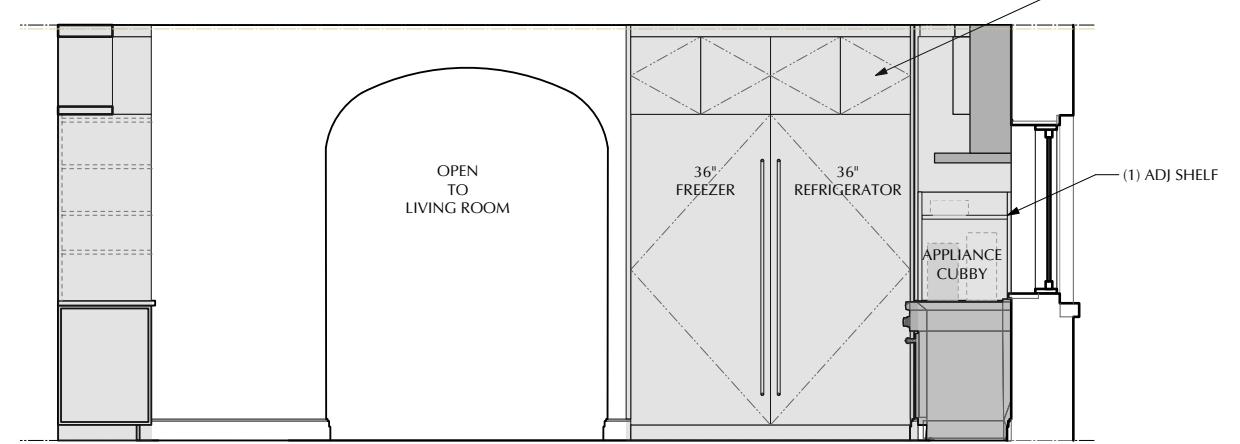
6 KITCHEN ISLAND - WEST ELEV  
Scale: 1/2" = 1'-0"



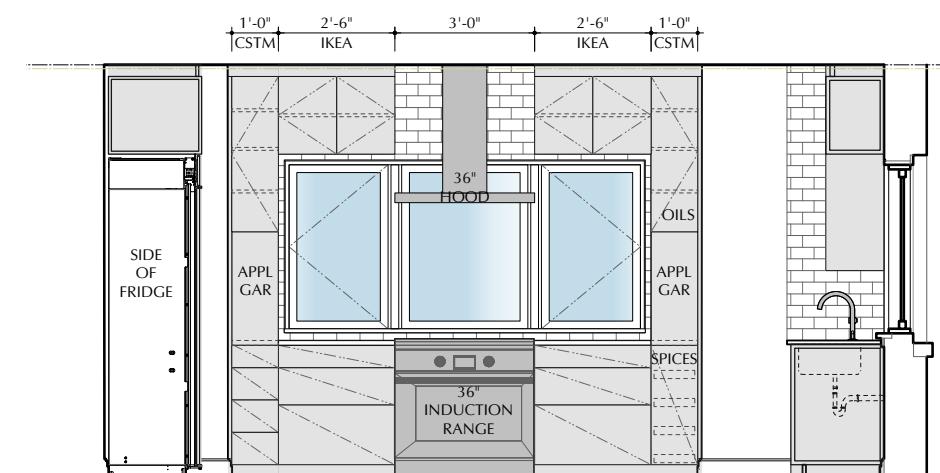
7 KITCHEN ISLAND - NORTH ELEV  
Scale: 1/2" = 1'-0"



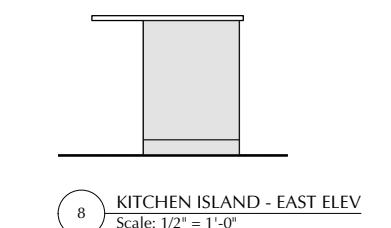
3 KITCHEN / DINING - NORTH ELEV  
Scale: 1/2" = 1'-0"



4 KITCHEN / DINING - EAST ELEV  
Scale: 1/2" = 1'-0"



5 KITCHEN / DINING - SOUTH ELEV  
Scale: 1/2" = 1'-0"



8 KITCHEN ISLAND - EAST ELEV  
Scale: 1/2" = 1'-0"



9 KITCHEN ISLAND - SOUTH ELEV  
Scale: 1/2" = 1'-0"

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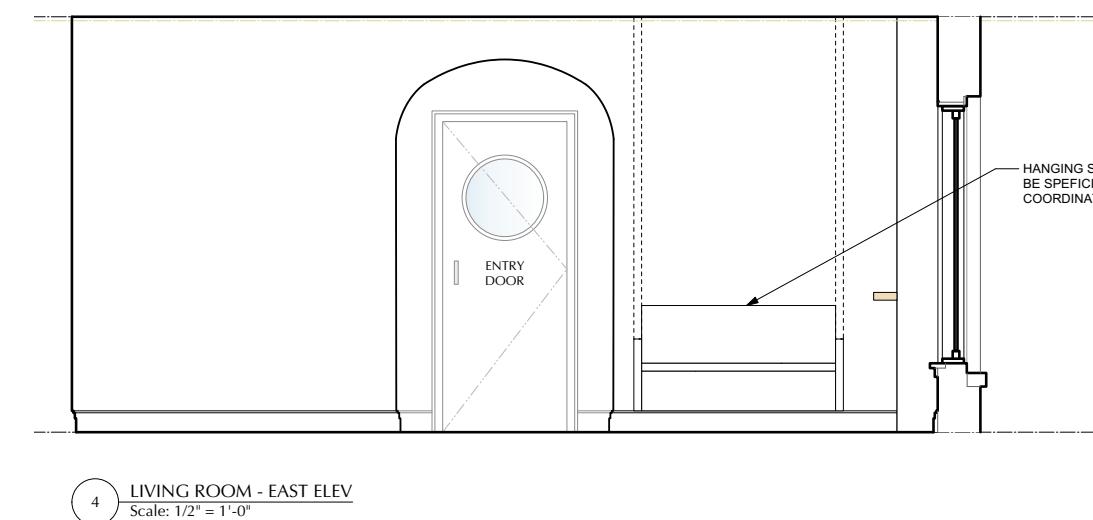
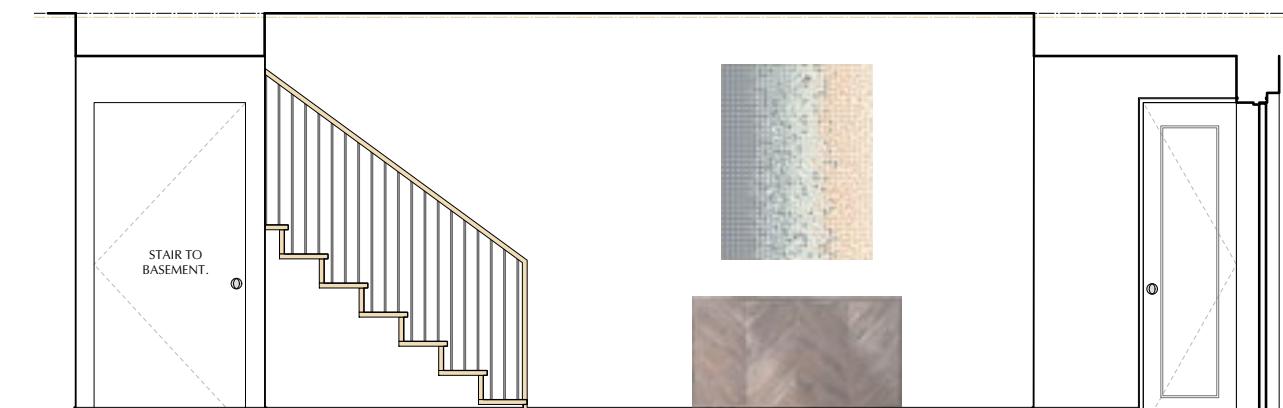
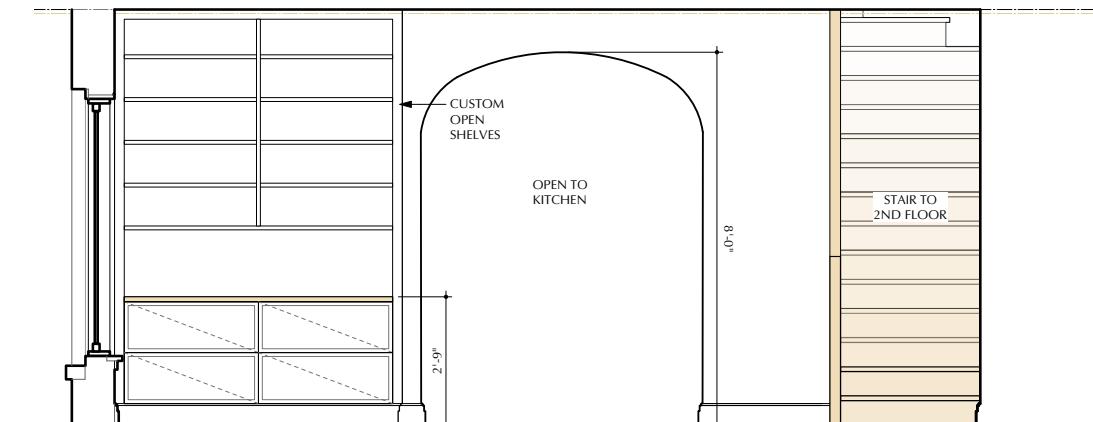
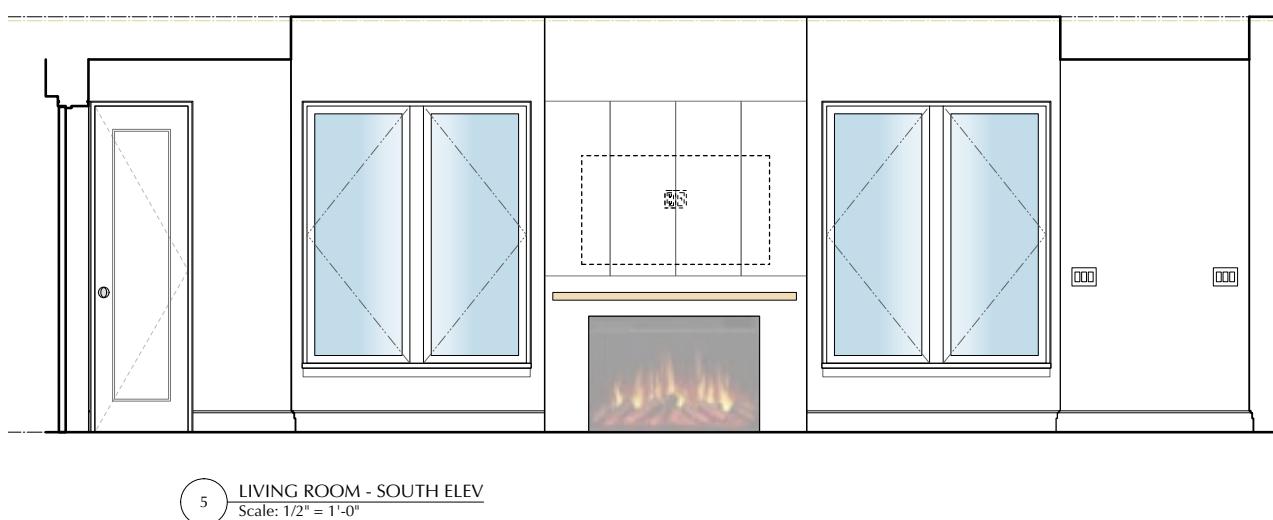
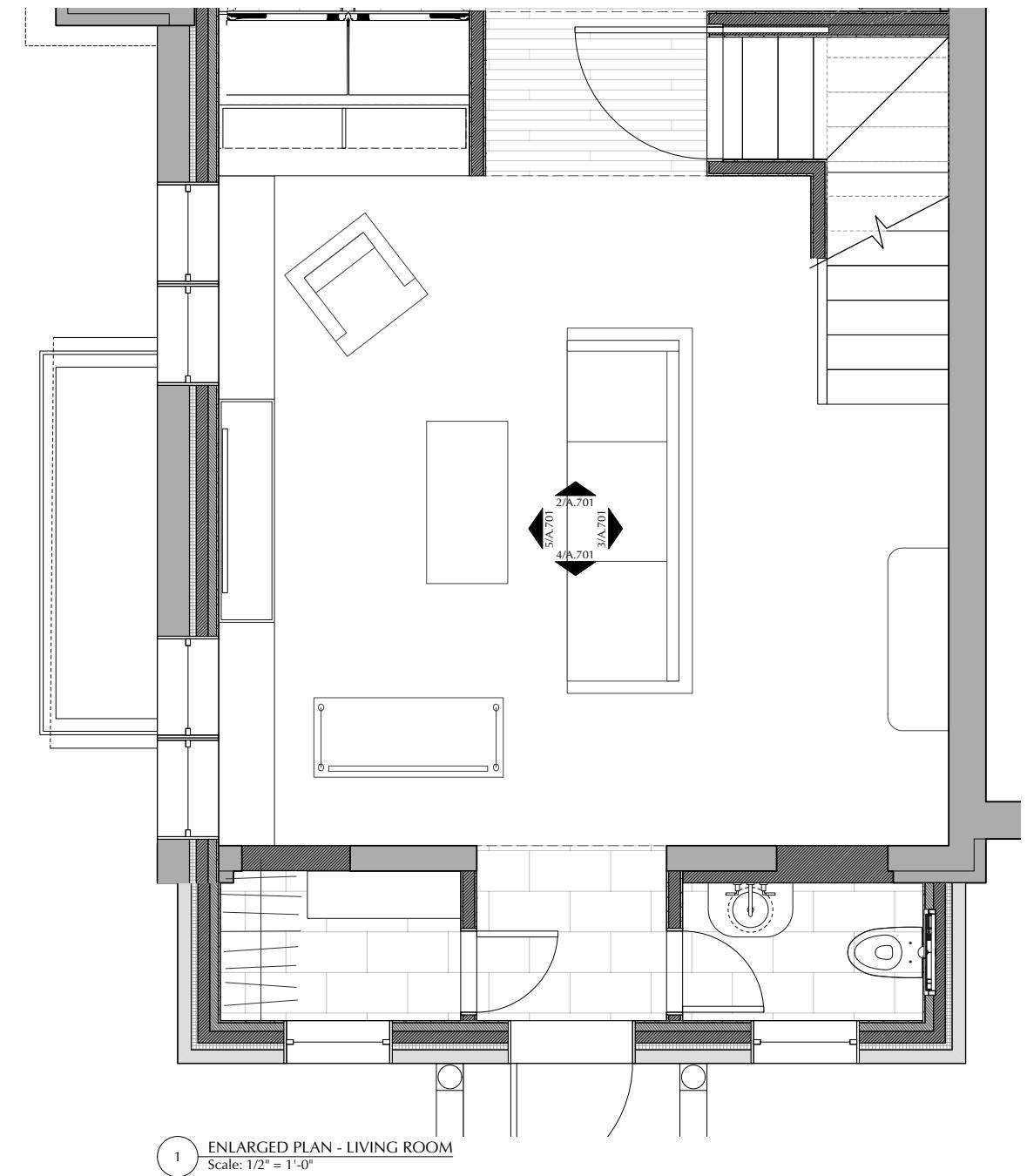
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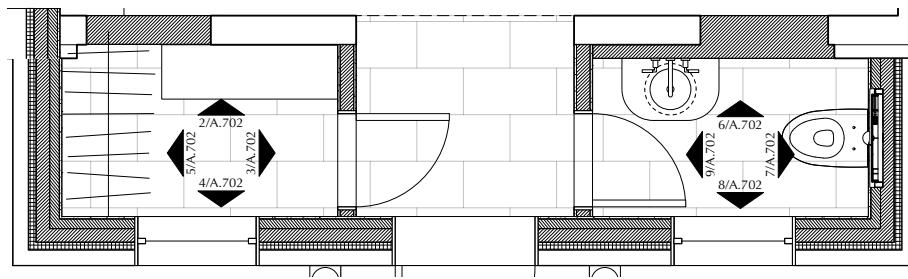
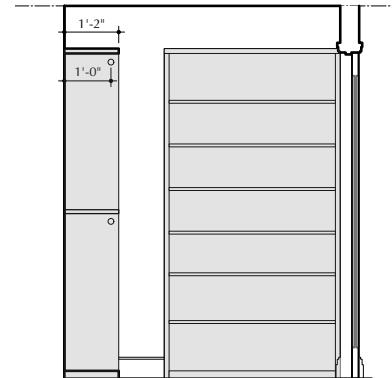
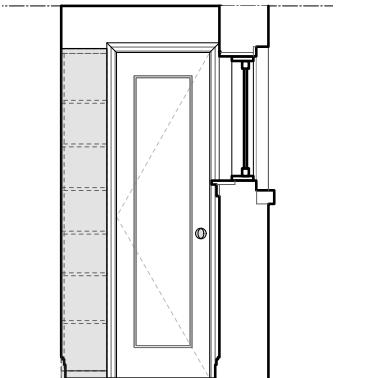
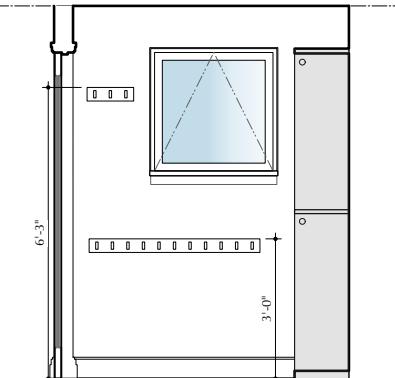
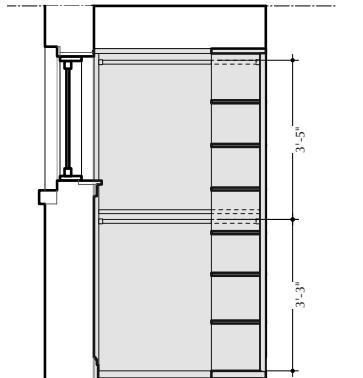
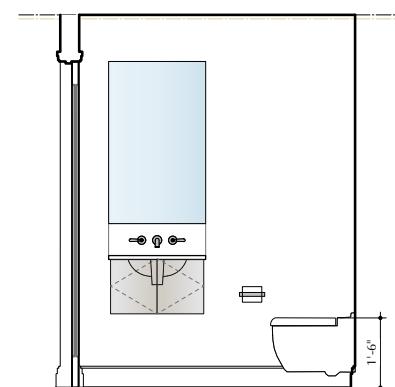
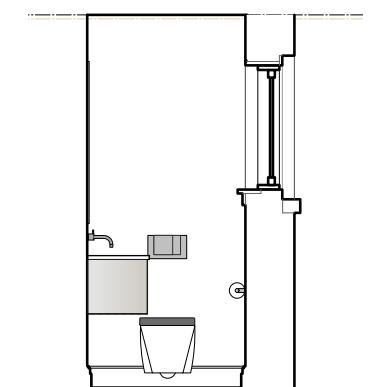
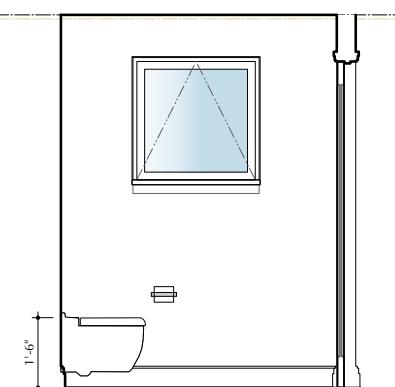
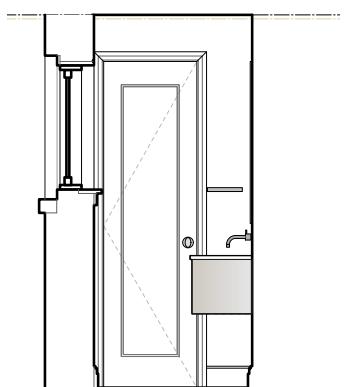
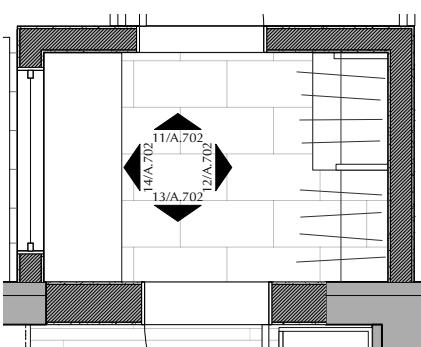
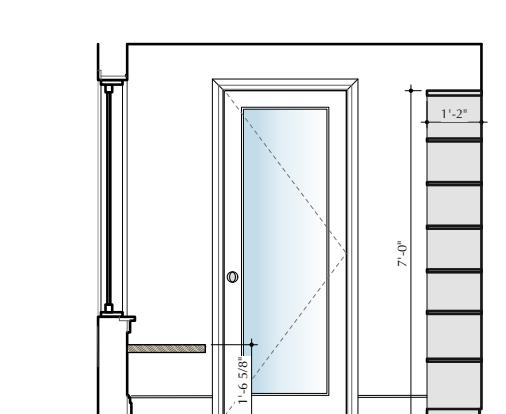
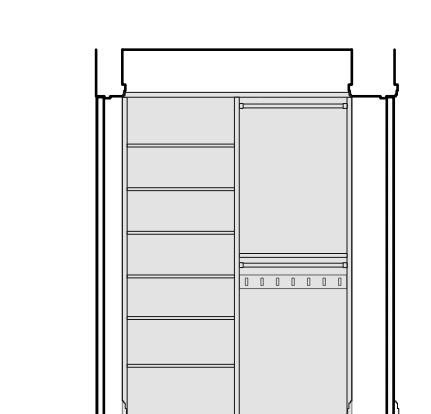
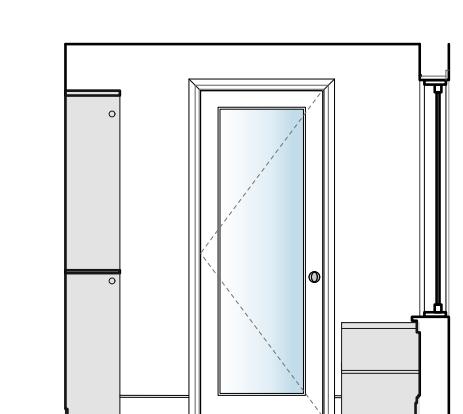
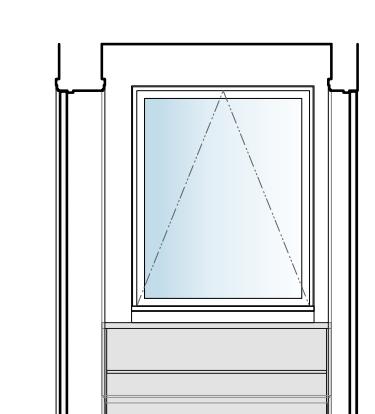
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Interior Elevations -  
Kitchen / Dining  
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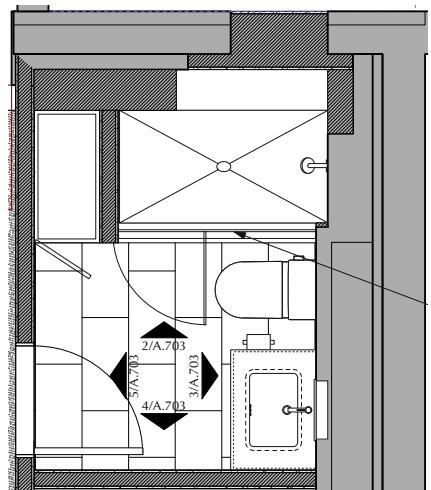
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34 - 52 67th Street,  
Queens, NY, 11372  
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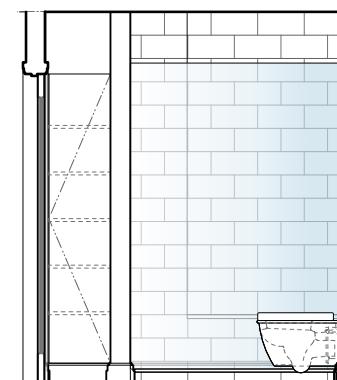
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TOWNHOUSE1 ENLARGED PLAN - ENTRY  
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Scale: 1/2" = 1'-0"3 COAT CLOSET - NORTH ELEV  
Scale: 1/2" = 1'-0"4 COAT CLOSET - EAST ELEV  
Scale: 1/2" = 1'-0"5 COAT CLOSET - SOUTH ELEV  
Scale: 1/2" = 1'-0"6 POWDER ROOM - WEST ELEV  
Scale: 1/2" = 1'-0"7 POWDER ROOM - NORTH ELEV  
Scale: 1/2" = 1'-0"8 POWDER ROOM - EAST ELEV  
Scale: 1/2" = 1'-0"9 POWDER ROOM - SOUTH ELEV  
Scale: 1/2" = 1'-0"10 ENLARGED PLAN - REAR MUDROOM  
Scale: 1/2" = 1'-0"11 REAR MUDROOM - WEST ELEV  
Scale: 1/2" = 1'-0"12 REAR MUDROOM - NORTH ELEV  
Scale: 1/2" = 1'-0"13 REAR MUDROOM - EAST ELEV  
Scale: 1/2" = 1'-0"14 REAR MUDROOM - SOUTH ELEV  
Scale: 1/2" = 1'-0"

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Interior Elevations - Mudroom, Entry, CI, PR
PROFESSIONAL SEAL & SIGNATURE:

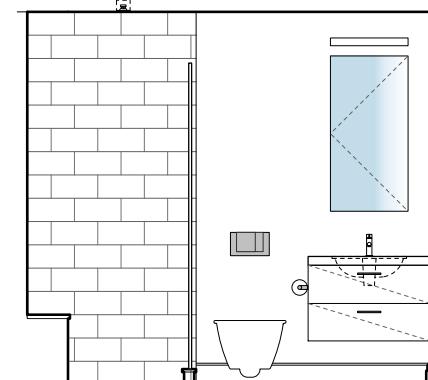
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GARIN PATEL  
TOWNHOUSE

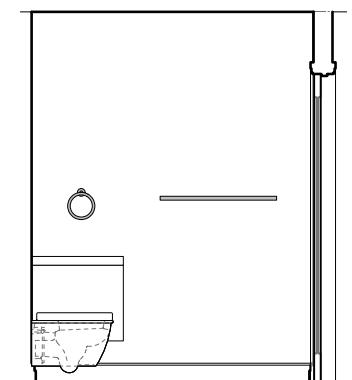
1 ENLARGED PLAN - BASEMENT BATH  
Scale: 1/2" = 1'-0"



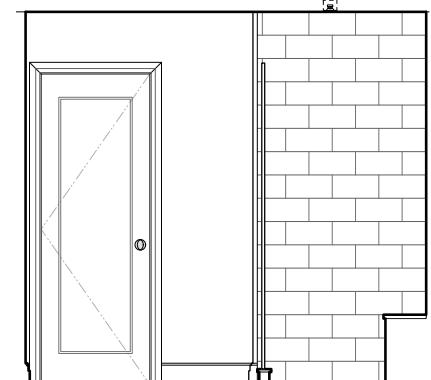
2 BATH - WEST ELEVATION  
Scale: 1/2" = 1'-0"



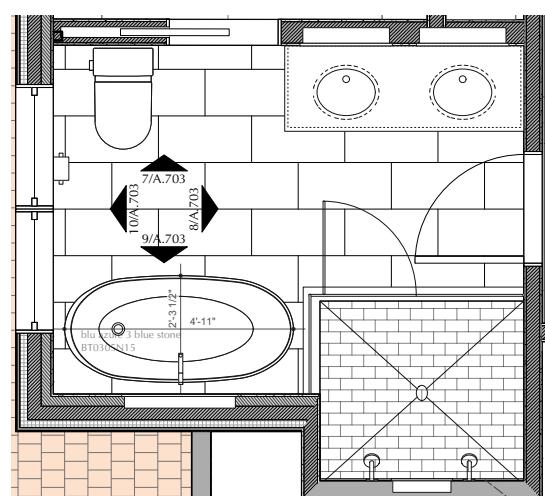
3 BATH - NORTH ELEVATION  
Scale: 1/2" = 1'-0"



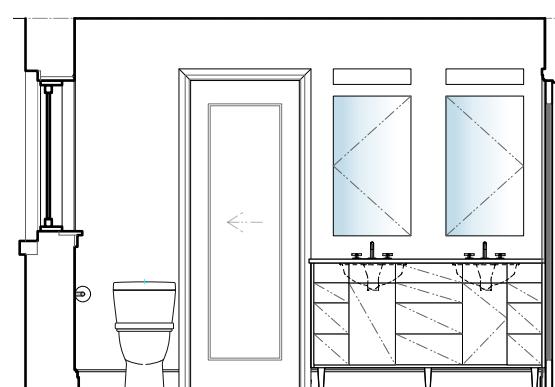
4 BATH - EAST ELEVATION  
Scale: 1/2" = 1'-0"



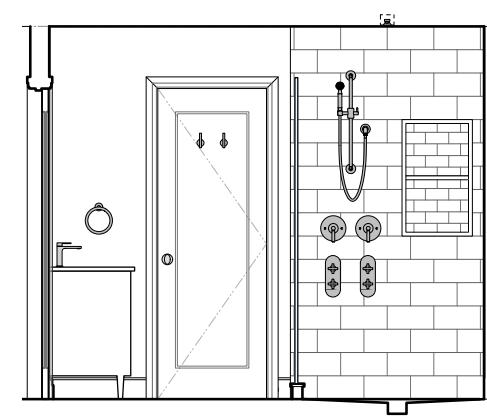
5 BATH - SOUTH ELEVATION  
Scale: 1/2" = 1'-0"



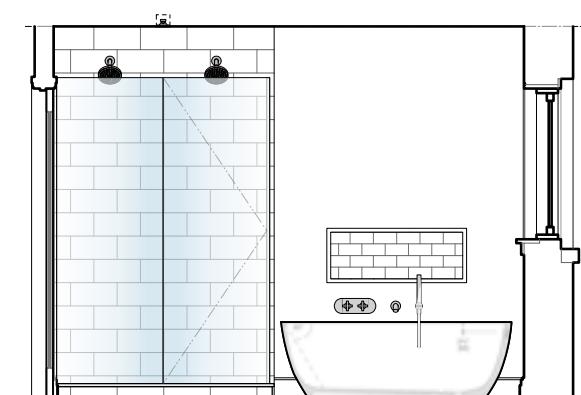
6 ENLARGED PLAN - PRIMARY BATH  
Scale: 1/2" = 1'-0"



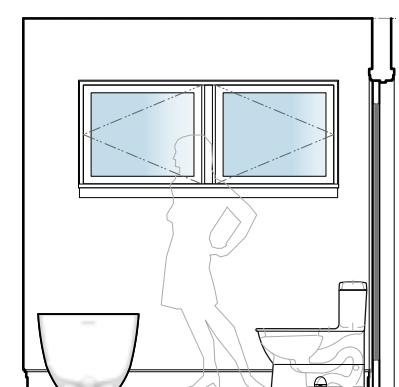
7 PRIMARY BATH - WEST ELEVATION  
Scale: 1/2" = 1'-0"



8 PRIMARY BATH - NORTH ELEVATION  
Scale: 1/2" = 1'-0"



9 PRIMARY BATH - EAST ELEVATION  
Scale: 1/2" = 1'-0"



10 PRIMARY BATH - SOUTH ELEVATION  
Scale: 1/2" = 1'-0"

PHASE: PRICING  
SCALE: 1/4" = 1'-0"  
DATE: 02/28/2024  
REVISION DATES:  
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DRAWING TITLE:  
Interior Elevations -  
Bathroom  
PROFESSIONAL SEAL & SIGNATURE:

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A.703.  
PAGE OF  
D.O.B. JOB NUMBER:  
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S•C•A

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STRUCTURAL ENGINEER:

MECHANICAL ENGINEER:

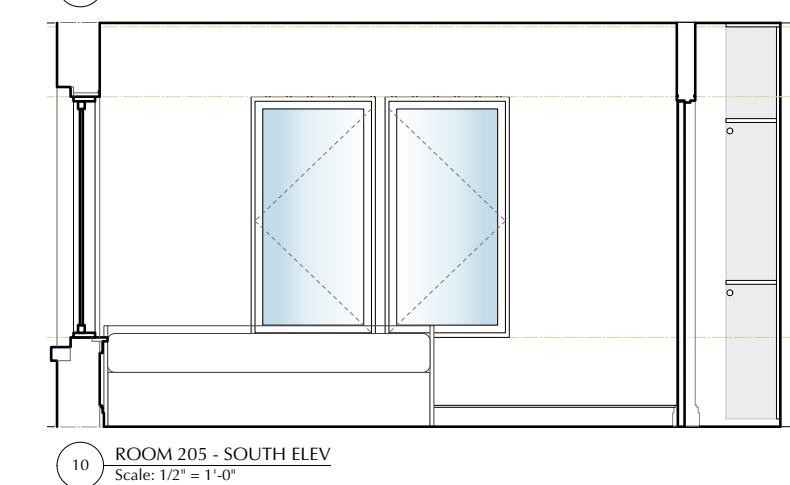
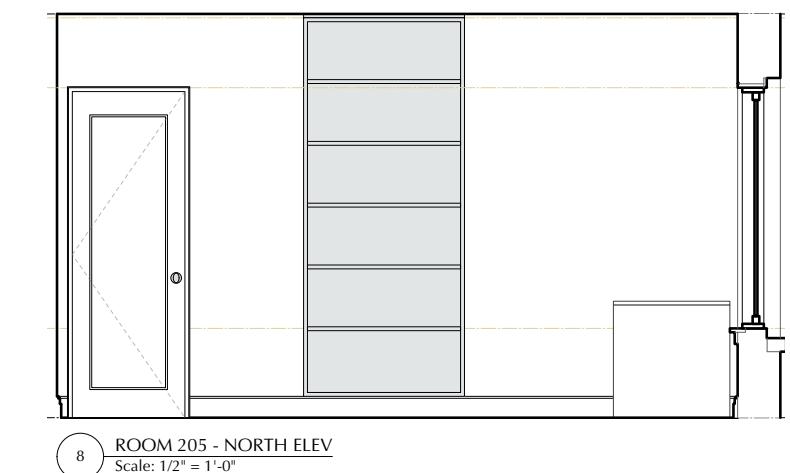
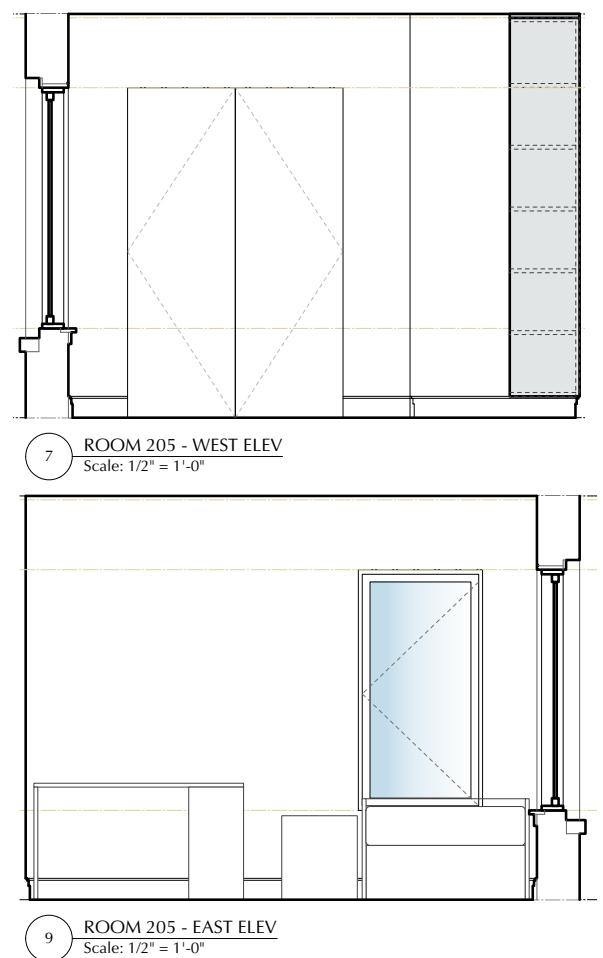
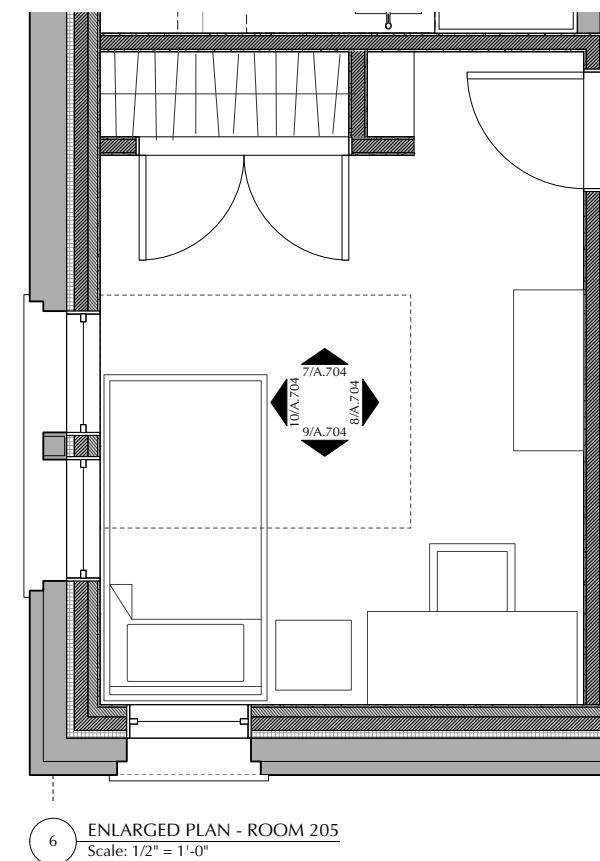
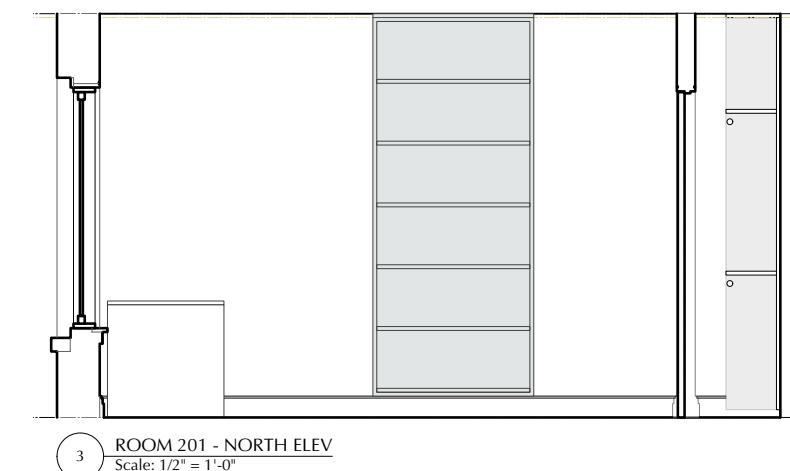
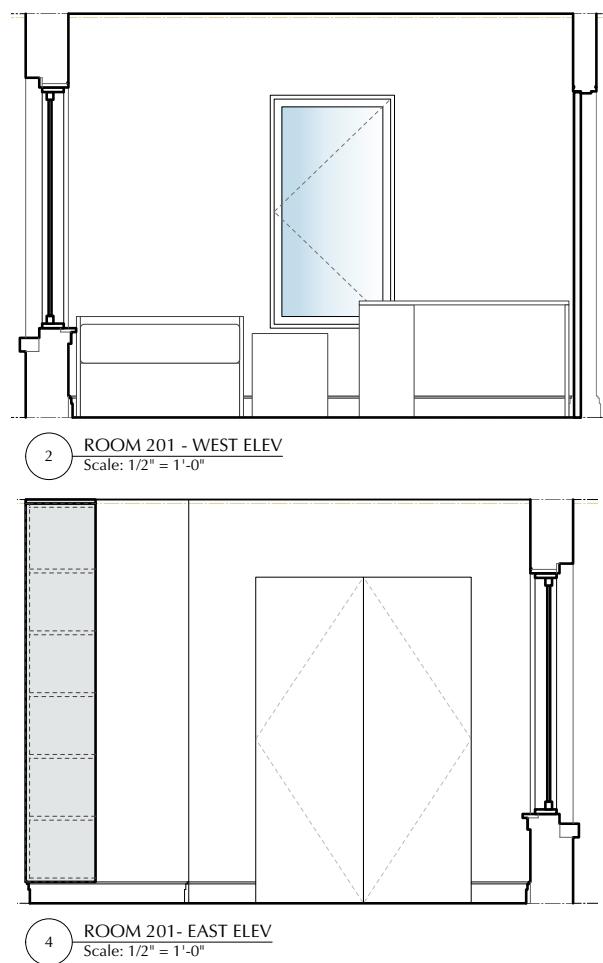
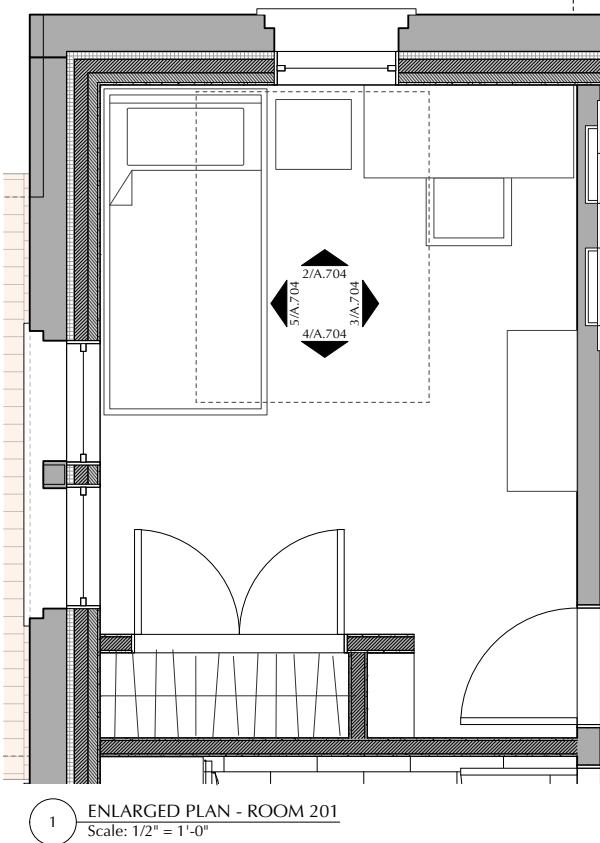
OWNER:  
GARIN PATEL  
34 - 52 67th Street,  
Queens, NY, 11372

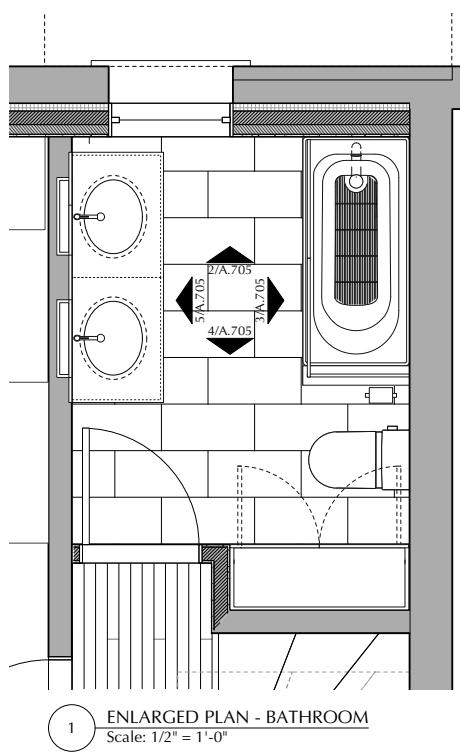
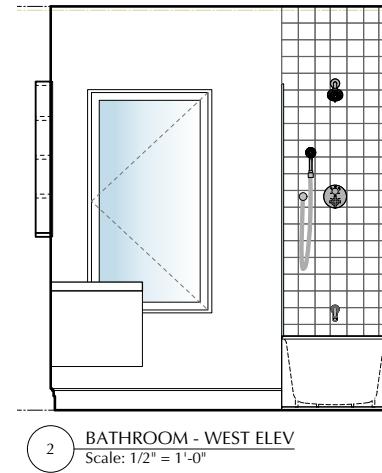
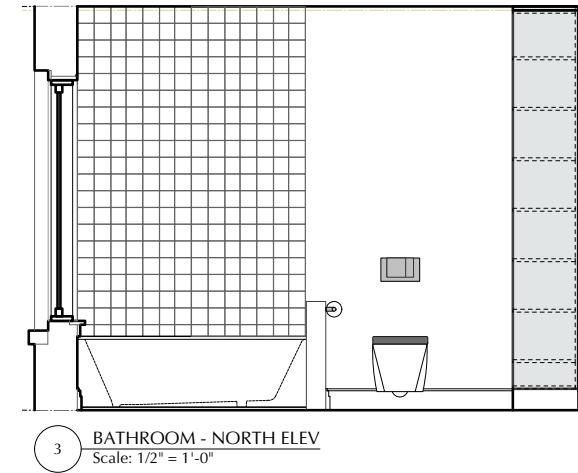
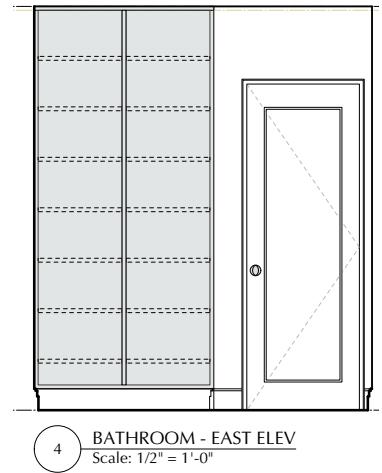
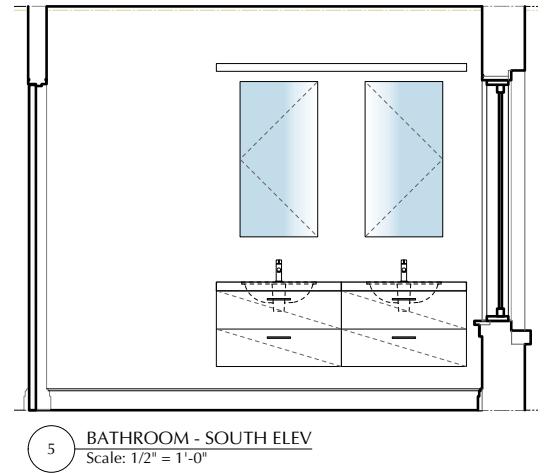
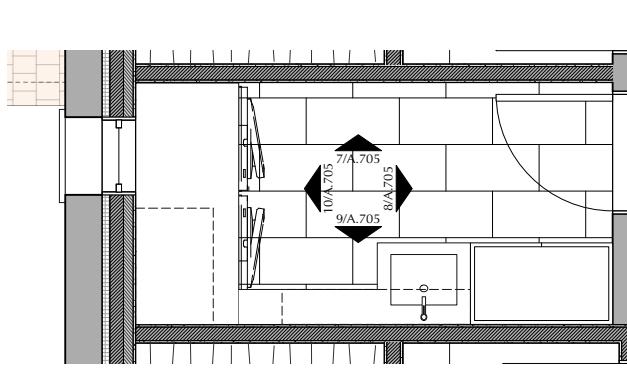
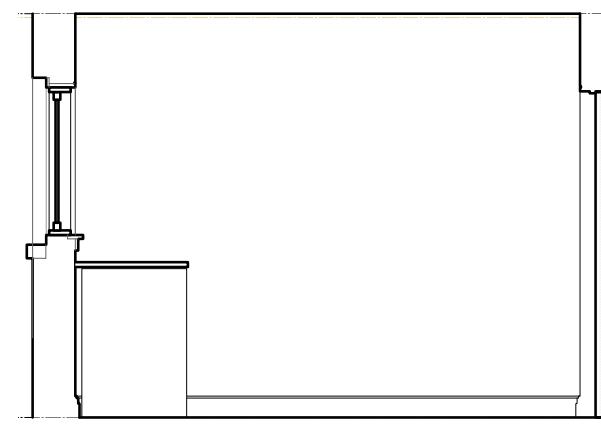
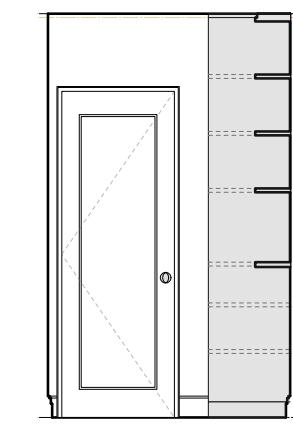
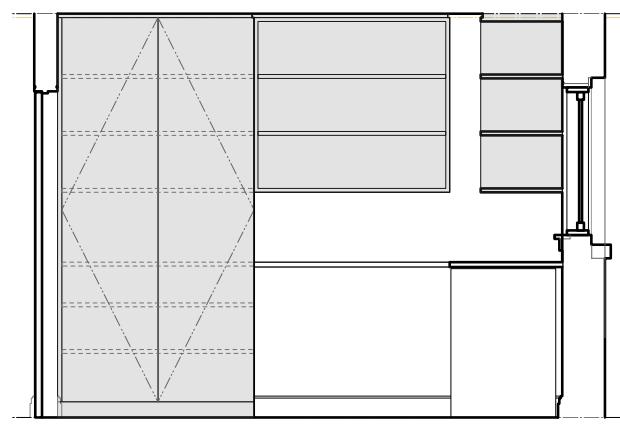
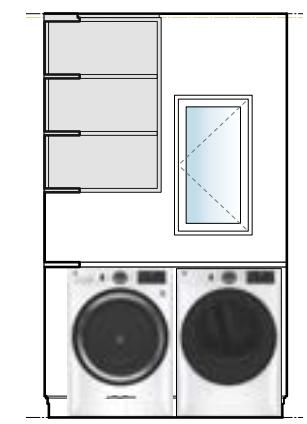
BSCAN STICKER:

GARIN PATEL  
TOWNHOUSE  
34-52 7th Street,  
Queens, NY, 11372  
SIRIS COOMBS ARCHITECTURE PLLC 37A 9TH ST. - #3, BROOKLYN, NY 11215 TEL: 212.580.2220

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DATE: 02/28/2024
REVISION DATES:
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DRAWING TITLE:
Interior Elevations - 2ND FL
PROFESSIONAL SEAL & SIGNATURE:
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A.704.
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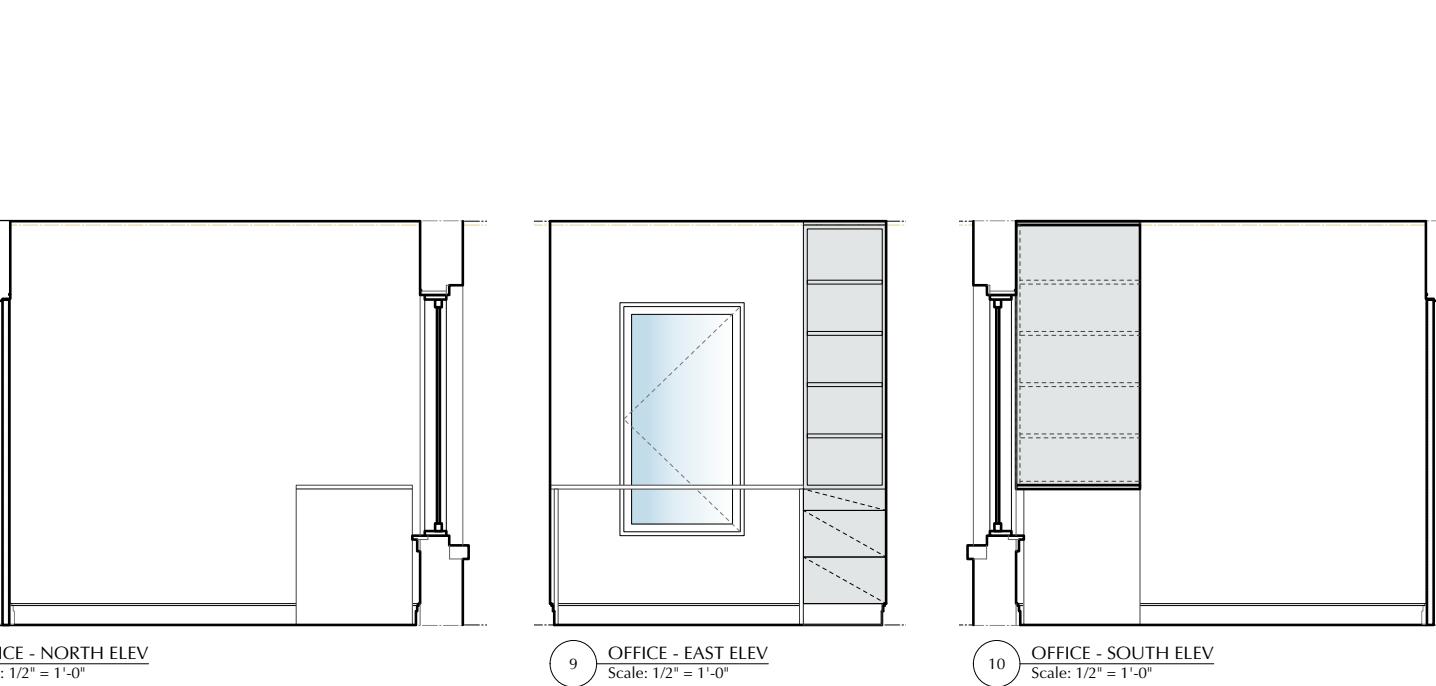
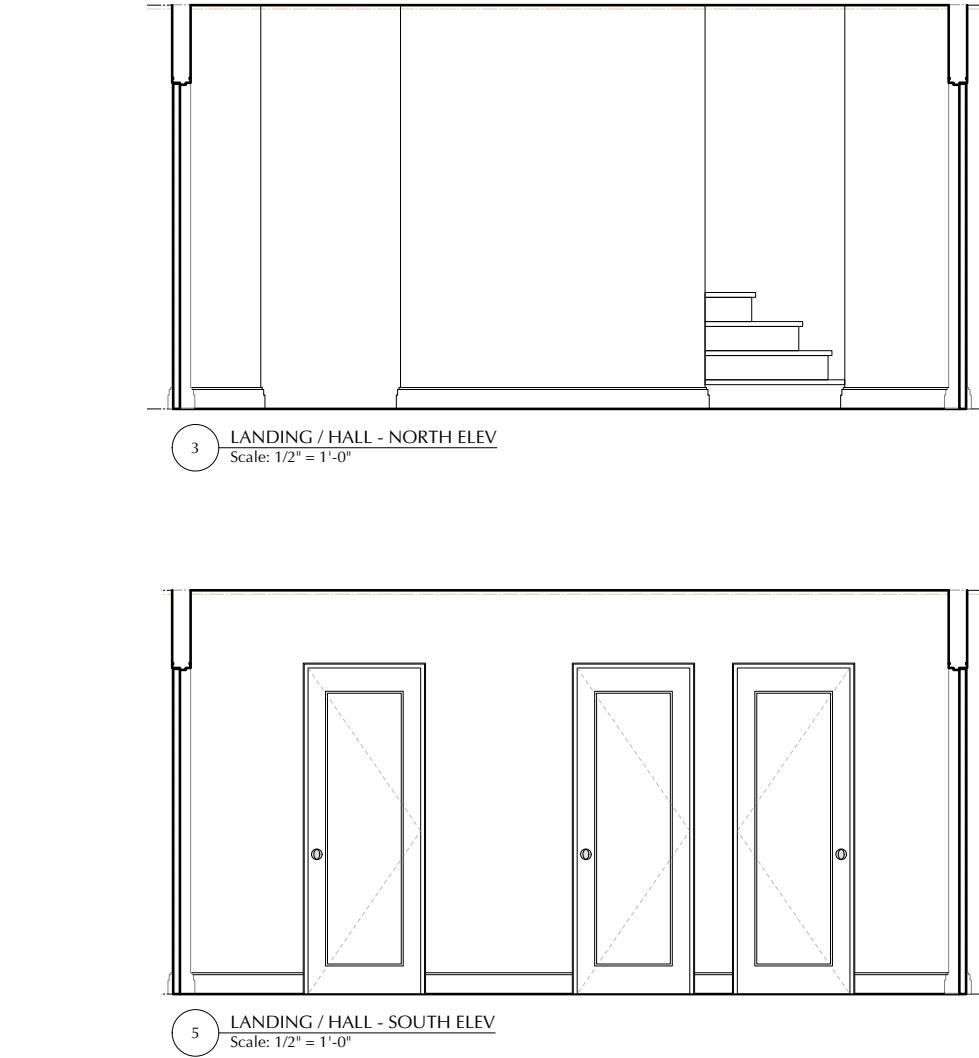
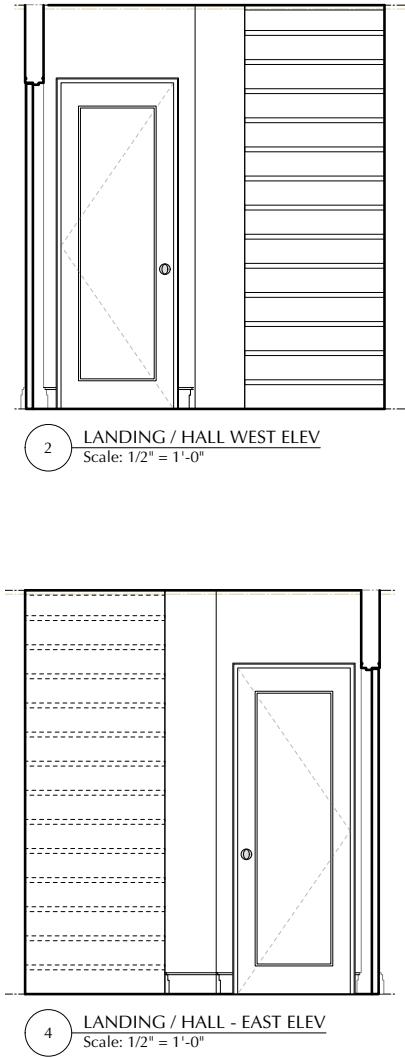
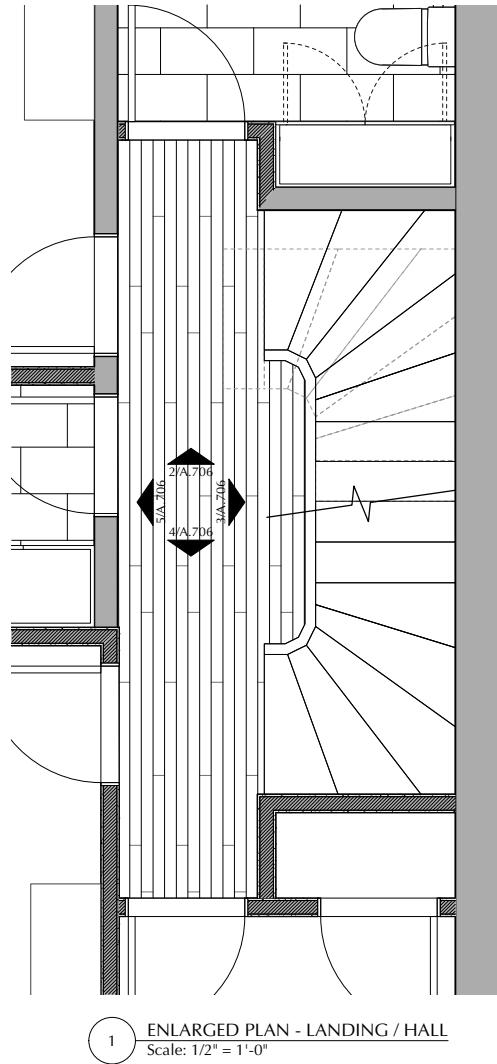
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GARIN PATEL  
TOWNHOUSE1 ENLARGED PLAN - BATHROOM  
Scale: 1/2" = 1'-0"2 BATHROOM - WEST ELEV  
Scale: 1/2" = 1'-0"3 BATHROOM - NORTH ELEV  
Scale: 1/2" = 1'-0"4 BATHROOM - EAST ELEV  
Scale: 1/2" = 1'-0"5 BATHROOM - SOUTH ELEV  
Scale: 1/2" = 1'-0"6 ENLARGED PLAN - LAUNDRY  
Scale: 1/2" = 1'-0"7 LAUNDRY - WEST ELEV  
Scale: 1/2" = 1'-0"8 LAUNDRY - NORTH ELEV  
Scale: 1/2" = 1'-0"9 LAUNDRY - EAST ELEV  
Scale: 1/2" = 1'-0"10 LAUNDRY - SOUTH ELEV  
Scale: 1/2" = 1'-0"

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SCALE: 1/4" = 1'-0"
DATE: 02/28/2024
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DRAWING TITLE:
Interior Elevations - BATH / LAUNDRY
PROFESSIONAL SEAL & SIGNATURE:

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A.705.
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 STRUCTURAL ENGINEER:  
 MECHANICAL ENGINEER:  
 OWNER:  
 GARIN PATEL  
 34 - 52 67th Street.  
 Queens, NY. 11372  
 BSCAN STICKER:  
 \_\_\_\_\_

## GARIN PATEL TOWNHOUSE

34-52 76th Street.

Queens, NY. 11372

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 Interior Elevations -  
 Landing / Office  
 PROFESSIONAL SEAL & SIGNATURE:  
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INTERIOR DOOR SCHEDULE											
ID#	Location	W	H	Thick.	Door Operation	Head	Jamb	Hardware Operation (see spec. section XXX for add'l info)	Door Slab	Hardware Style	Comments
ID_001	Washer / Dryer?	1'-9"	6'-8"	1 3/4"	Swing Bi-part	Trim per schedule		Set 1 - Passage (w/dummy)	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_002	Closet 002	2'-6"	6'-8"	1 3/4"	Swing Simple	Trim per schedule		Set 2 - Passage	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_003	Storage 004	2'-6"	6'-8"	1 3/4"	Swing Simple	Trim per schedule		Set 2 - Passage	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_004	Bath 003	2'-4"	6'-8"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_101	Powder Room 104	2'-0"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_102	Closet 105	2'-0"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 2 - Passage	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_103	Hall to Basement	3'-3"	7'-0"	1 3/4"	Swing Simple	GWB Flush (JIB Door)		Set 1 - Passage (w/dummy)	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_104	Mudroom 106	2'-8"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 2 - Passage	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_201	Bath 203	2'-6"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_202	Bedroom 201	2'-6"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_203	Closet 202	2'-3"	7'-0"	1 3/4"	Swing Bi-part	Trim per schedule		Set 1 - Passage (w/dummy)	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_204	Laundry 204	2'-6"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 2 - Passage	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_205	Bedroom 205	2'-6"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_206	Closet 206	2'-6"	7'-0"	1 3/4"	Swing Bi-part	Trim per schedule		Set 1 - Passage (w/dummy)	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_207	Office 207	2'-6"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_208	Closet 208	2'-6"	7'-0"	1 3/4"	Swing Simple	Trim per schedule		Set 1 - Passage (w/dummy)	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_301	Hall Closed	2'-3"	6'-8"	1 3/4"	Swing Bi-part	Trim per schedule		Set 1 - Passage (w/dummy)	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_302	Bedroom 301	2'-6"	6'-8"	1 3/4"	Pocket Simple	Trim per schedule		Set 3 - Pocket	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_303	Bedroom to Closet 303	2'-6"	6'-8"	1 3/4"	Pocket Simple	Trim per schedule		Set 3 - Pocket	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_304	Closet 303 to Bath 302	2'-4"	6'-8"	1 3/4"	Pocket Simple	Trim per schedule		Set 3 - Pocket	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_305	Bath 302	2'-4"	6'-8"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_306	Office 306	2'-6"	6'-8"	1 3/4"	Swing Simple	Trim per schedule		Set 4 - Privacy	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	
ID_307	Closet 305	1'-3"	6'-8"	1 3/4"	Swing Bi-part	Trim per schedule		Set 1 - Passage (w/dummy)	New Trustile TS 1000 CM C	Omnia 434MD, Modern Round Rose	

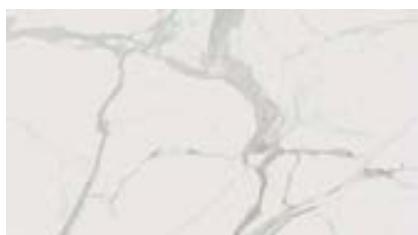
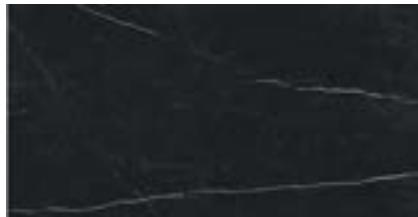
GC TO CONFIRM DIMENSIONS WITH EXISTING OPENINGS. Refer to specifications for additional information. Refer to drawings for hinging and casings information. GC to confirm all specifications prior to purchase.

EXTERIOR DOOR SCHEDULE											
ID#	Location	W	H	Thick.	Door Operation	Head	Jamb	Hardware Operation	Door Slab	Hardware Style	Comments
ID_001	Playroom 001	3'-2"	6'-10"		Swing Simple						
ID_101	Entry 100	3'-0"	7'-0"		Swing Simple						
ID_102	Mud Room 106	2'-8"	6'-9"		Swing Simple						
ID_401	Bulkhead Stair 401	2'-10"	6'-10"		Swing Simple						

WINDOW SCHEDULE											
ID#	Location	W (R.O.)	H (R.O.)	Manufacturer	Operation	Finishes					Comments
W_001	Playroom 001	2'-6"	3'-11"								
W_002	Playroom 001	2'-6"	3'-11"								
W_003	Playroom 001	2'-6"	3'-11"								
W_004	Playroom 001	3'-7 1/2"	1'-11"								
W_005	Playroom 001	3'-7 1/2"	1'-11"								
W_006	Playroom 001	3'-0"	2'-9"								
W_007	Playroom 001	2'-0"	2'-0"								
W_008	Mech 005	3'-1 1/2"	1'-11"								
W_101	Powder Room 104	2'-10"	2'-10"								
W_102	Closet 105	2'-10"	2'-10"								
W_103	Living Room 101	2'-6"	5'-9 3/4"								
W_104	Living Room 101	2'-6"	5'-9 3/4"								
W_105	Living Room 101	2'-6"	5'-9 3/4"								
W_106	Living Room 101	2'-6"	5'-9 3/4"								
W_107	Kitchen 101	3'-7 1/2"	2'-9 1/2"								
W_108	Kitchen 101	3'-7 1/2"	2'-9 1/2"								
W_109	Kitchen 101	1'-6"	2'-9 1/2"								
W_110	Kitchen 101	3'-0"	2'-9 1/2"								
W_111	Mud Room 106	4'-0"	4'-11"								
W_201	Bedroom 201	2'-10"	4'-11 1/2"								
W_202	Bedroom 201	2'-10"	4'-11 1/2"								
W_203	Bedroom 201	2'-10"	4'-11 1/2"								
W_204	Laundry 204	1'-10"	2'-11 1/2"								
W_205	Bedroom 205	2'-10"	4'-11 1/2"								
W_206	Bedroom 205	2'-10"	4'-11 1/2"								
W_207	Bedroom 205	2'-10"	4'-11 1/2"								
W_208	Office 207	2'-10"	4'-11 1/2"								
W_209	Bath 203	2'-10"	4'-11 1/2"								
W_301	Bedroom 301	2'-10"	4'-11 1/2"								
W_302	Bedroom 301	2'-10"	4'-11 1/2"								
W_303	Bedroom 301	2'-10"	4'-11 1/2"								
W_304	Bath 302	2'-10"	3'-5"								
W_305	Bath 302	2'-10"	3'-5"								
W_306	Office 306	2'-6"	5'-0"								
W_307	Office 306	2'-6"	5'-0"								
W_308	Office 306	2'-6"	5'-0"								
W_401	Bulkhead Stair 400	2'-10"	4'-3"								
W_402	Bulkhead Stair 400	2'-10"	4'-3"								

NOTES: GC TO CONFIRM MAXIMUM UNIT SIZE THAT CAN FIT BETWEEN EXISTING FRAMING. Refer to specifications for additional information. GC to confirm all specifications prior to purchase.

SKYLIGHT SCHEDULE											
ID#	Location	W	H	Manufacturer	Model	Operation	Options				
<th



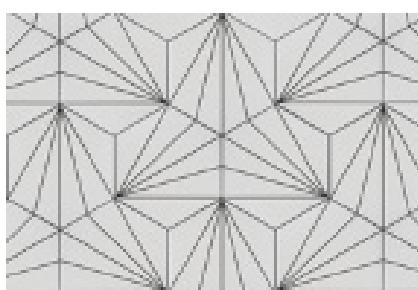
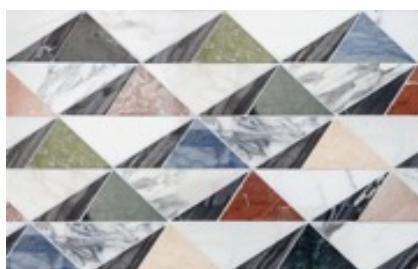
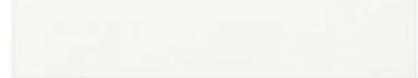
## Pianko Residence

Winter 2023 - Present | Project Architect: Annie Coombs

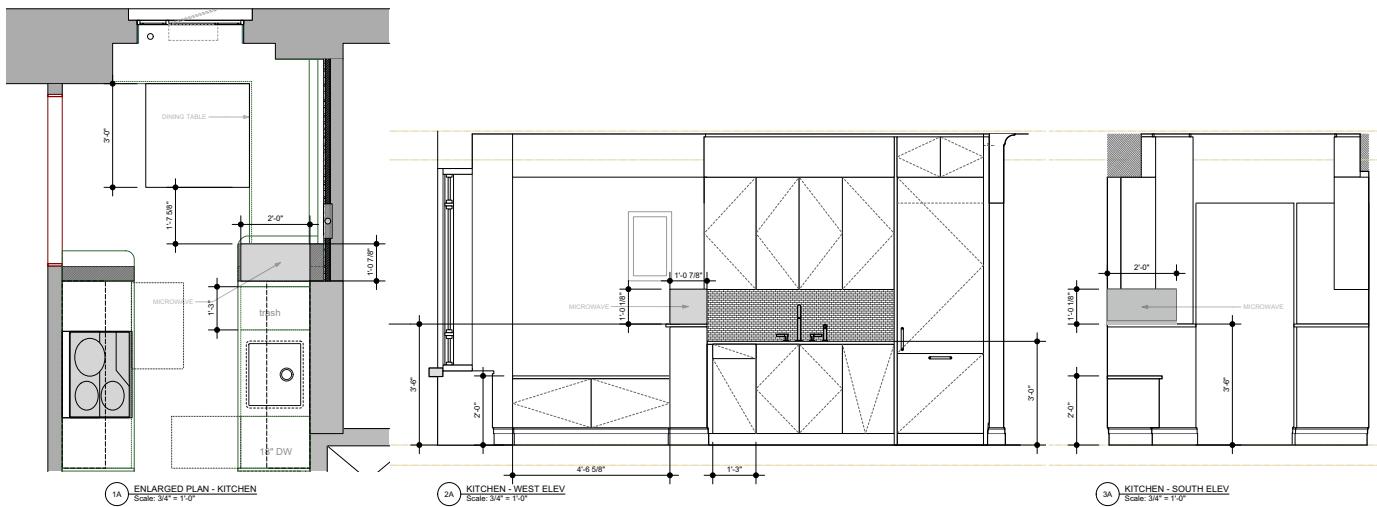
Central Park West, NY.

Siris Coombs Architecture

Nestled next to the iconic Central Park in New York City, this cozy and small apartment is meticulously redesigned to meet the client's diverse needs of practicality and spatiality. With close collaboration between the design team and on-site contractors, every detail is carefully considered to translate the client's vision into reality. The existing flooring in the living room is carefully kept for its unique appearance, and we provided different design iterations throughout the design process among different phases for the clients.



*Material selections*

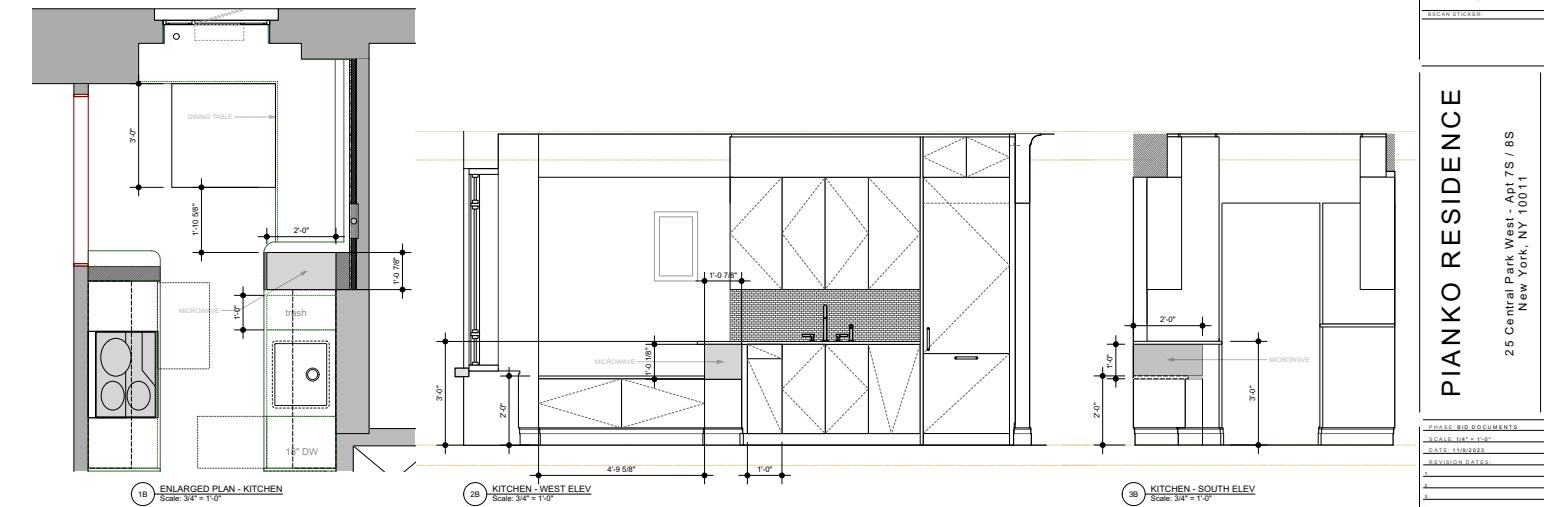


**PIANKO RESIDENCE**  
25 Central Park West - Apt 17S / 8S  
New York, NY 10011  
SIBSCOMBS ARCHITECTURE PLLC 15 E 17TH STREET, BROOKLYN, NY 11218 TEL: 212.585.2220

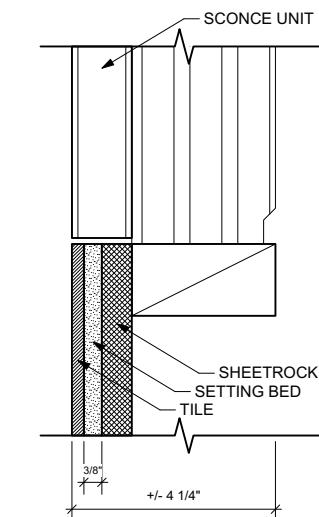
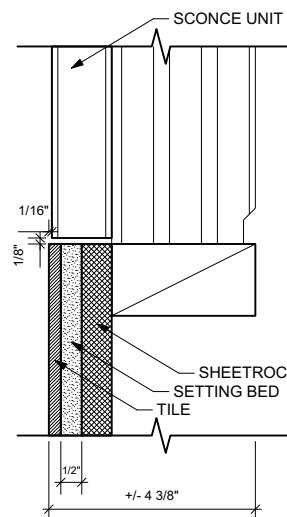
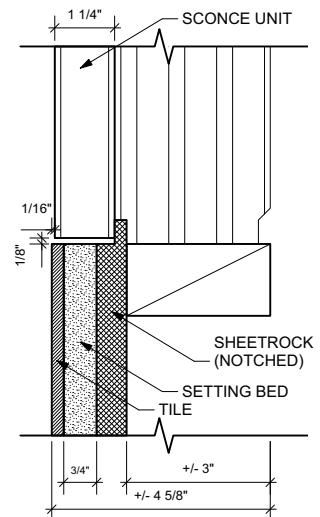
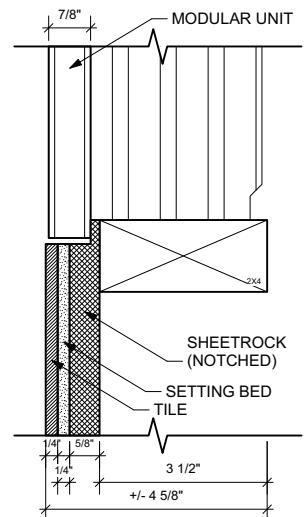
CONSULTANTS  
STRUCTURAL ENGINEER  
MECHANICAL ENGINEER  
OWNER:  
The Pianko Family  
25 Central Park West  
New York, New York 10023  
BSCAN STICKER

PHASE BID DOCUMENTS  
DATE: 1/18/2022  
REVISION DATES:  
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OPTIONS  
PROFESSIONAL STAMP SIGNATURE

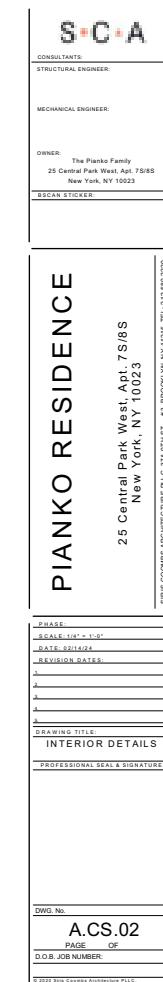
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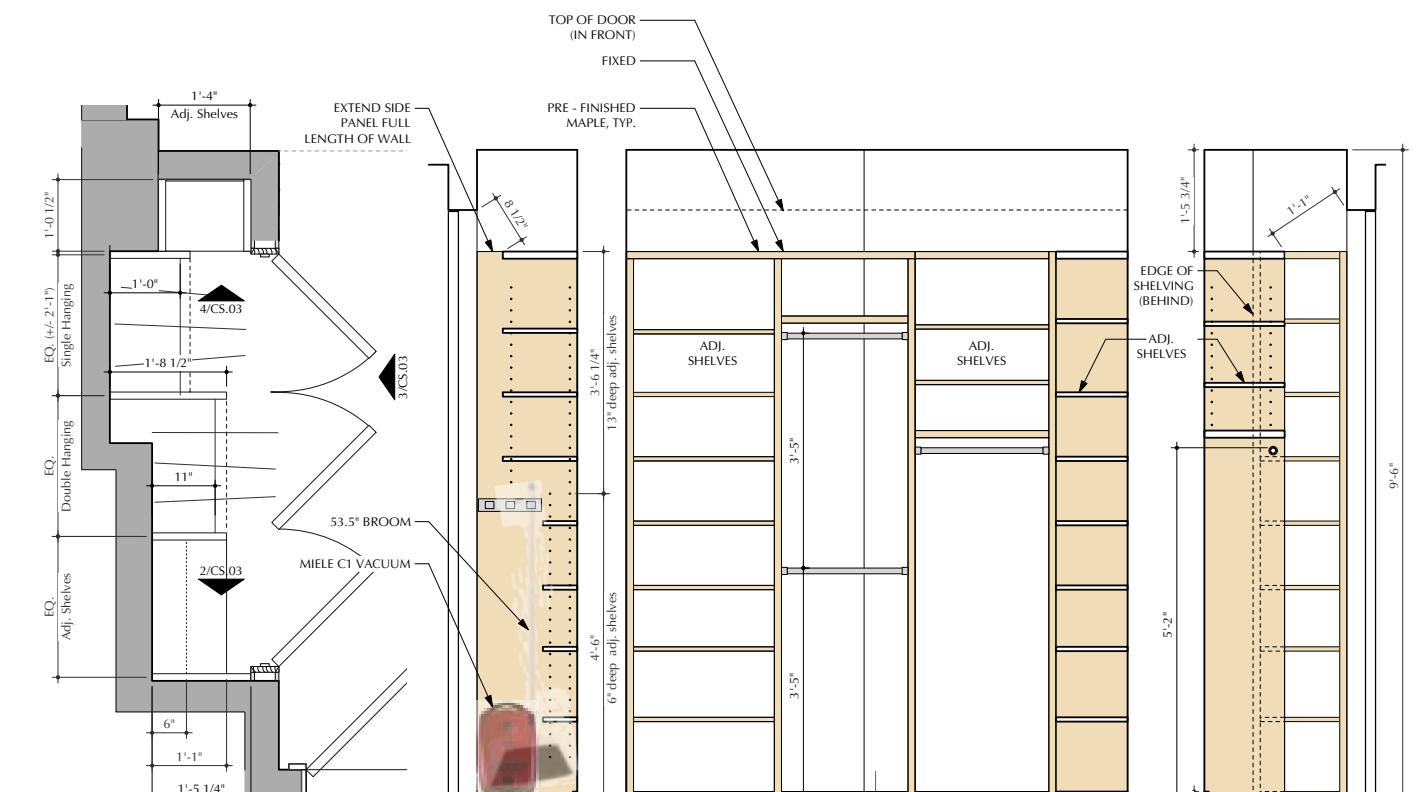
Early studies of appliance layout.



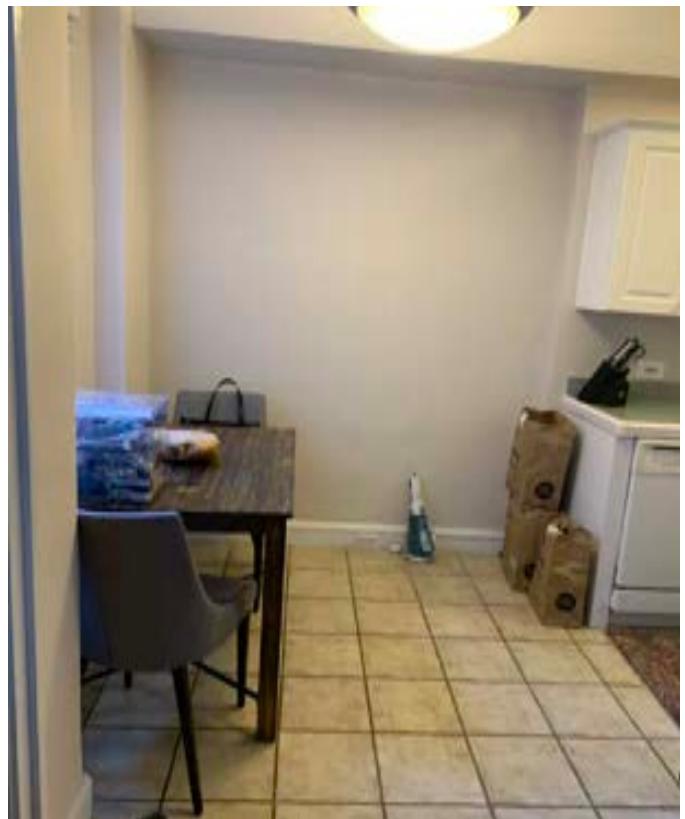
*Studies of detailed drawing for installation of wall sconce unit at bathroom wall.*



*Custom closet layout per client request.*



CS  
03



Photos of existing conditions of kitchen, dining and living area.

3D model of living room with existing flooring renders and configuration studies of shelving units.

# New Market

Fall, 2021 | Instructor: Annette Fierro

52nd & Market St, Philadelphia, PA

Weitzman School of Design, University of Pennsylvania

52nd and Market St has always been a crucial area for West Philadelphia. A renewed marketplace would allow the community to continue to play a major role in West Philadelphia's cultural and economic identity while welcoming waves of young new residents bringing cultural infusions both locally and from around the world. The design focus on incorporating bright colors that are also used in West Philadelphia's mural arts. New Market will be in the hands of the local community to regulate, which prioritizes local small business to have a spot inside. At the meantime, local artists will have the opportunity to be commissioned a space on the wall within the new structure to display Philadelphia's characteristics to everyone that comes to the neighborhood. New Market is confident to become West Philadelphia's new marker in revitalizing the local community.

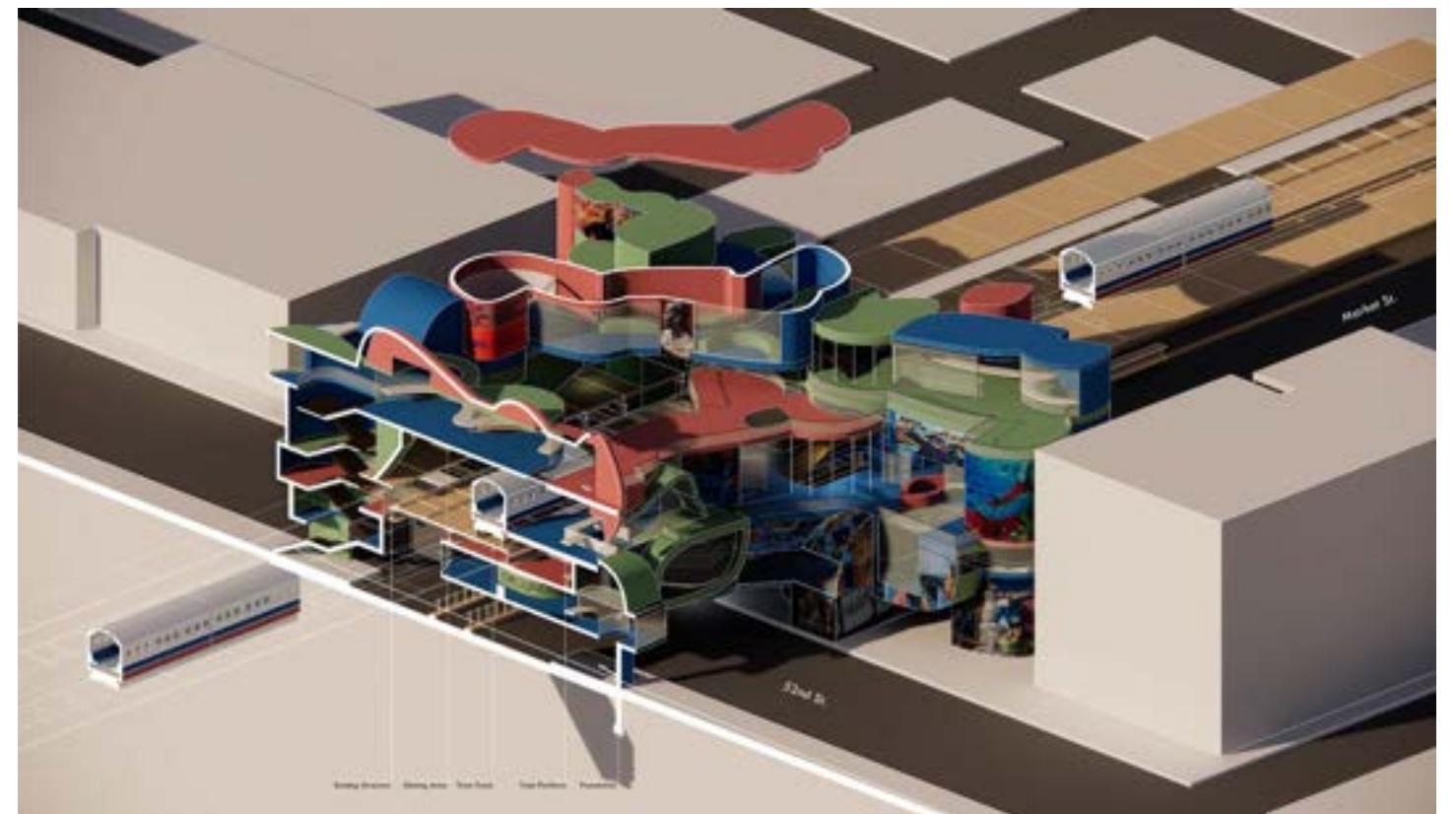




Image 1.



Image 3.

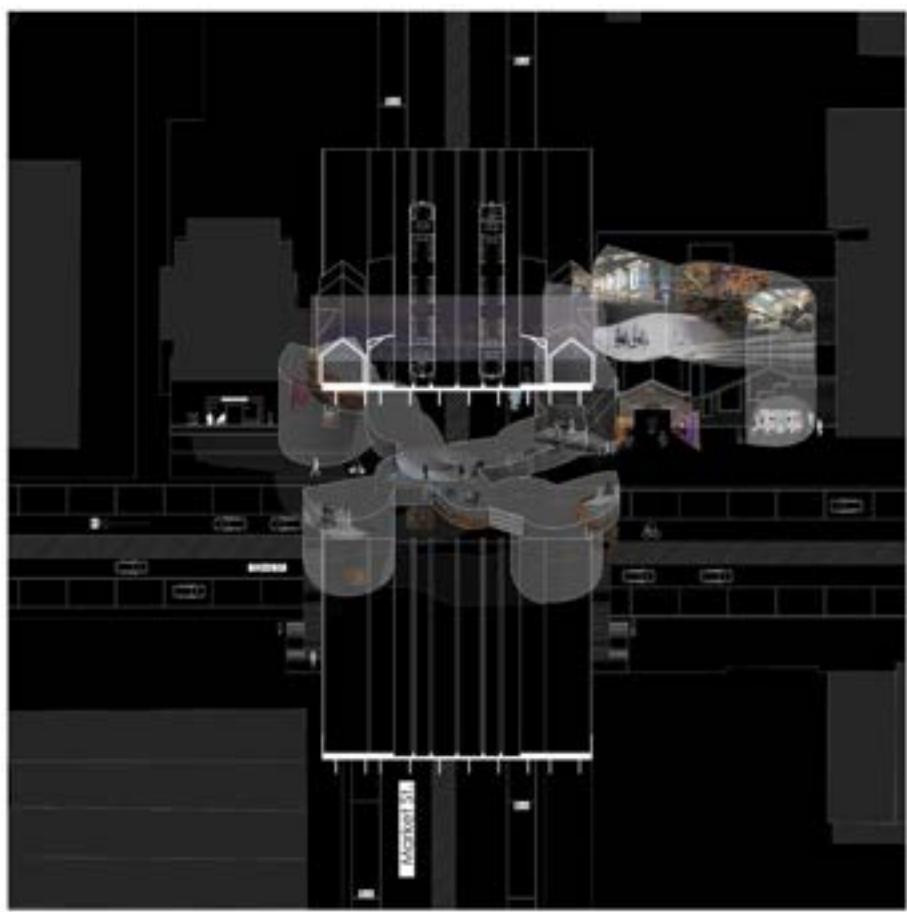


Image 2.

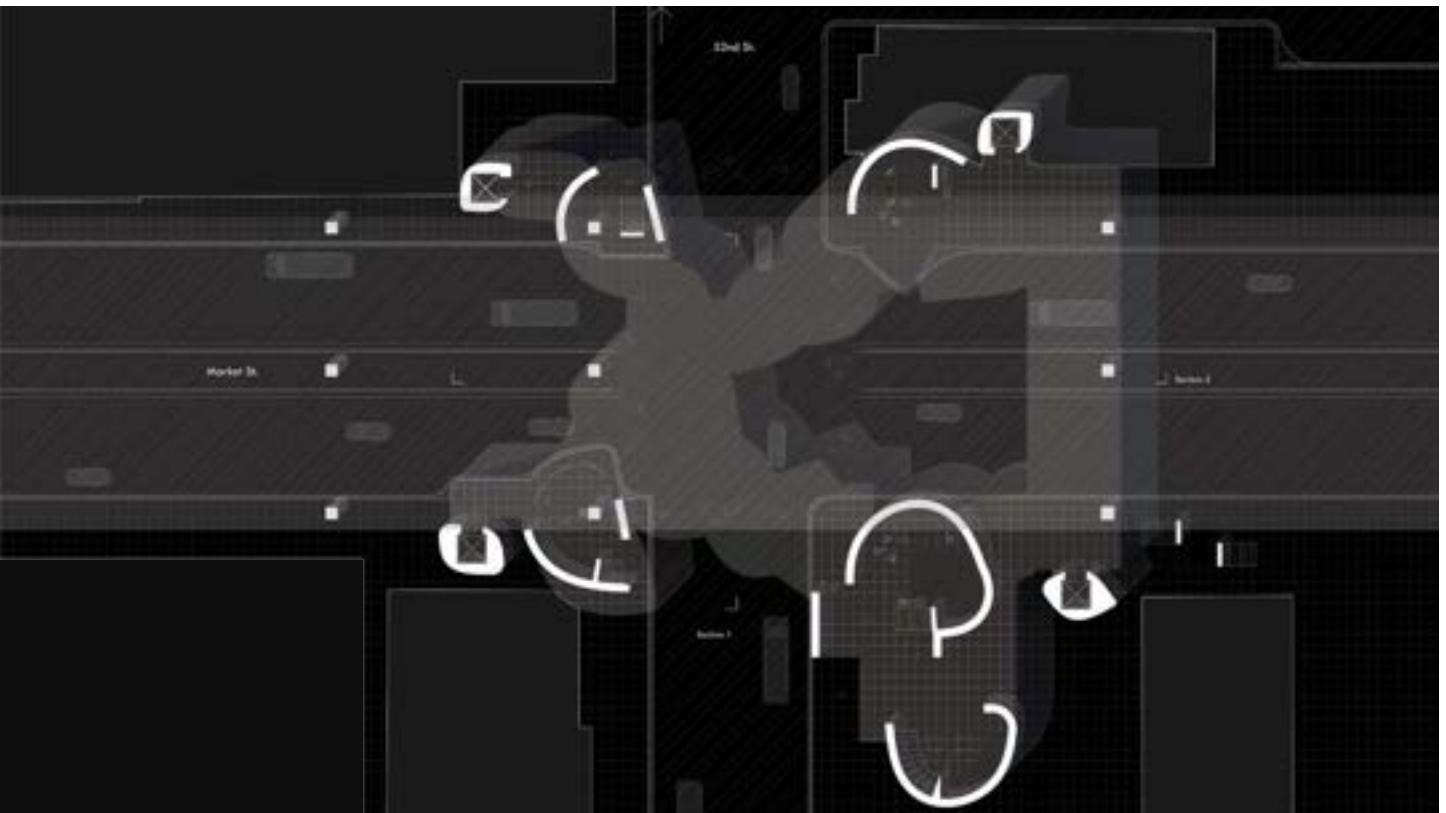


Image 4.

Early studies of theatrical and performance space in relation to 52nd & Market St..  
(Image 1., 2., 3., and 4.)



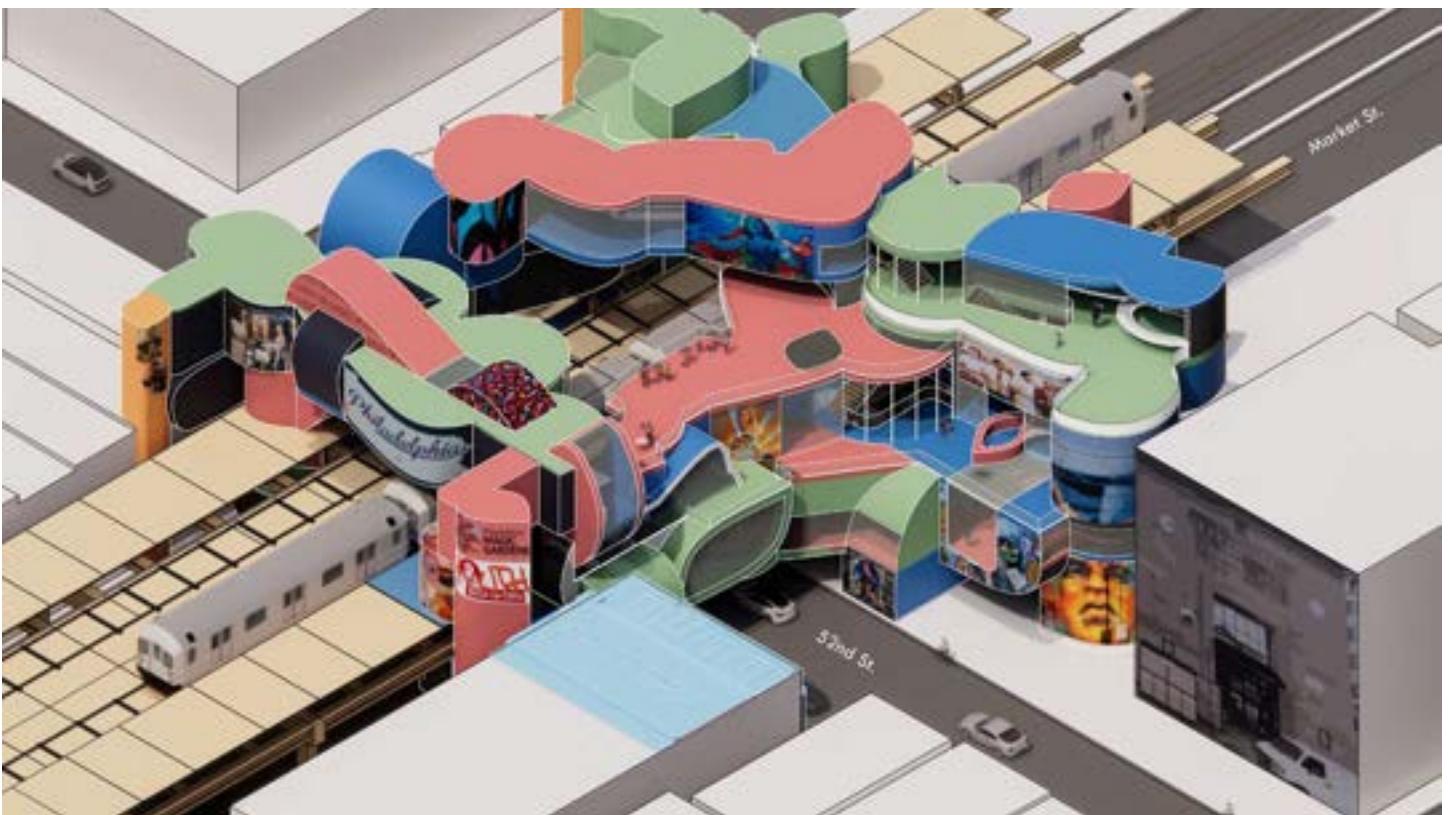
Partial collection of mural arts showcase in the West Philadelphia area.



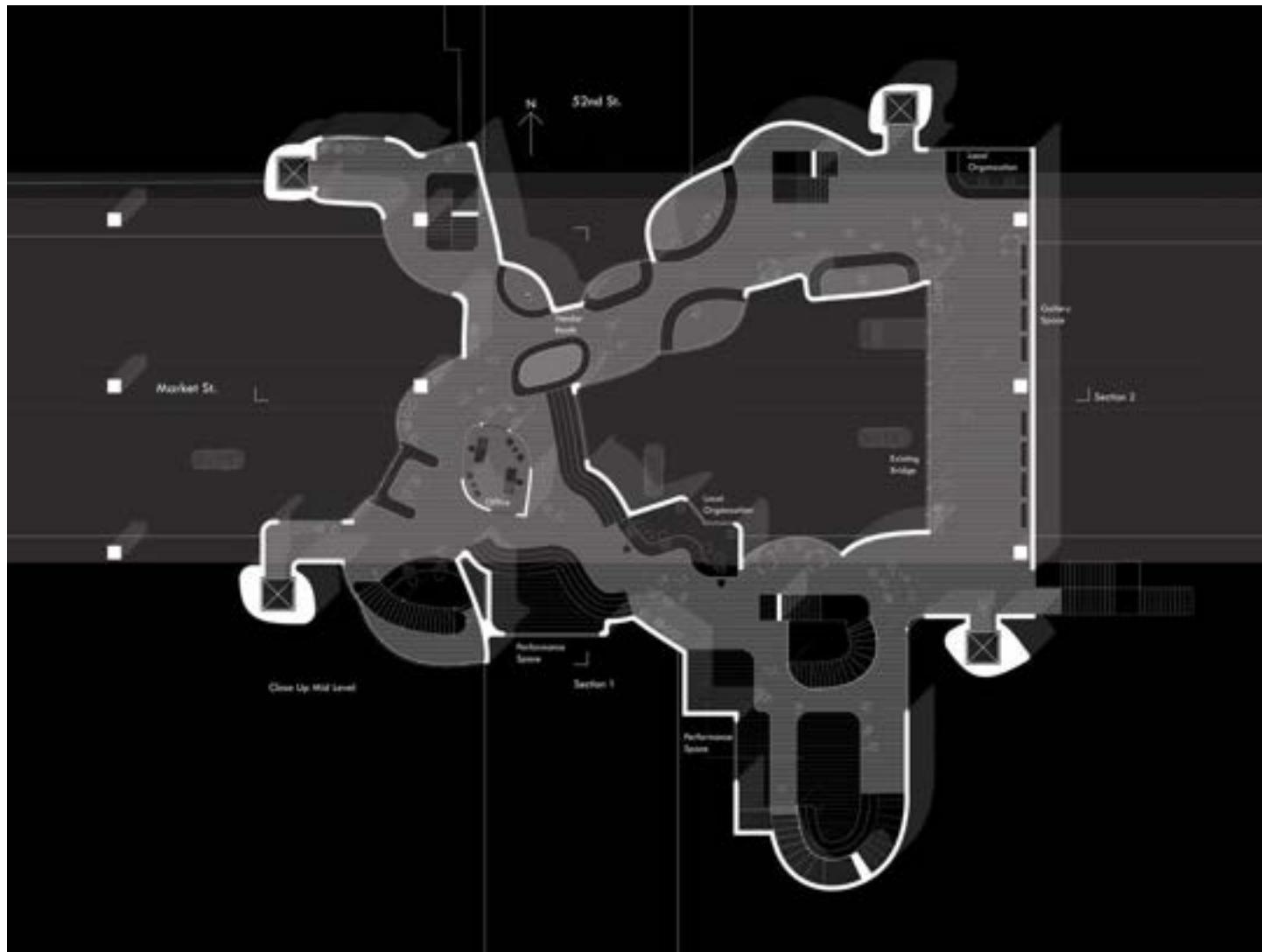
Ground floor plan connects to local traffic.



Partial collection of mural arts showcase in the West Philadelphia area.



Axonometric drawing of the overall building in site.



Mid-level floor plan under train track.



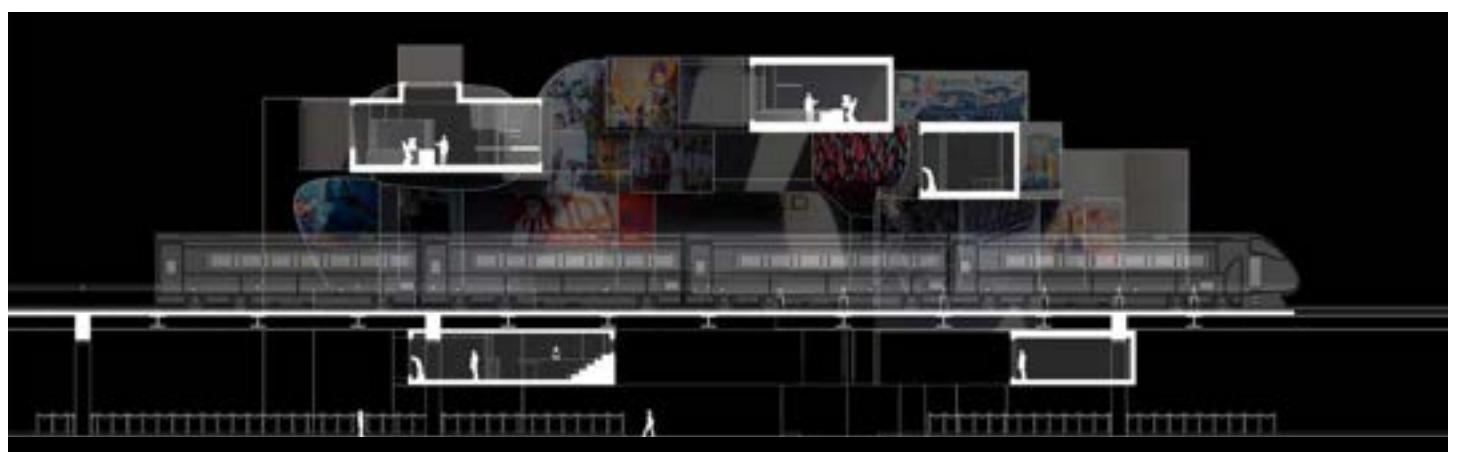
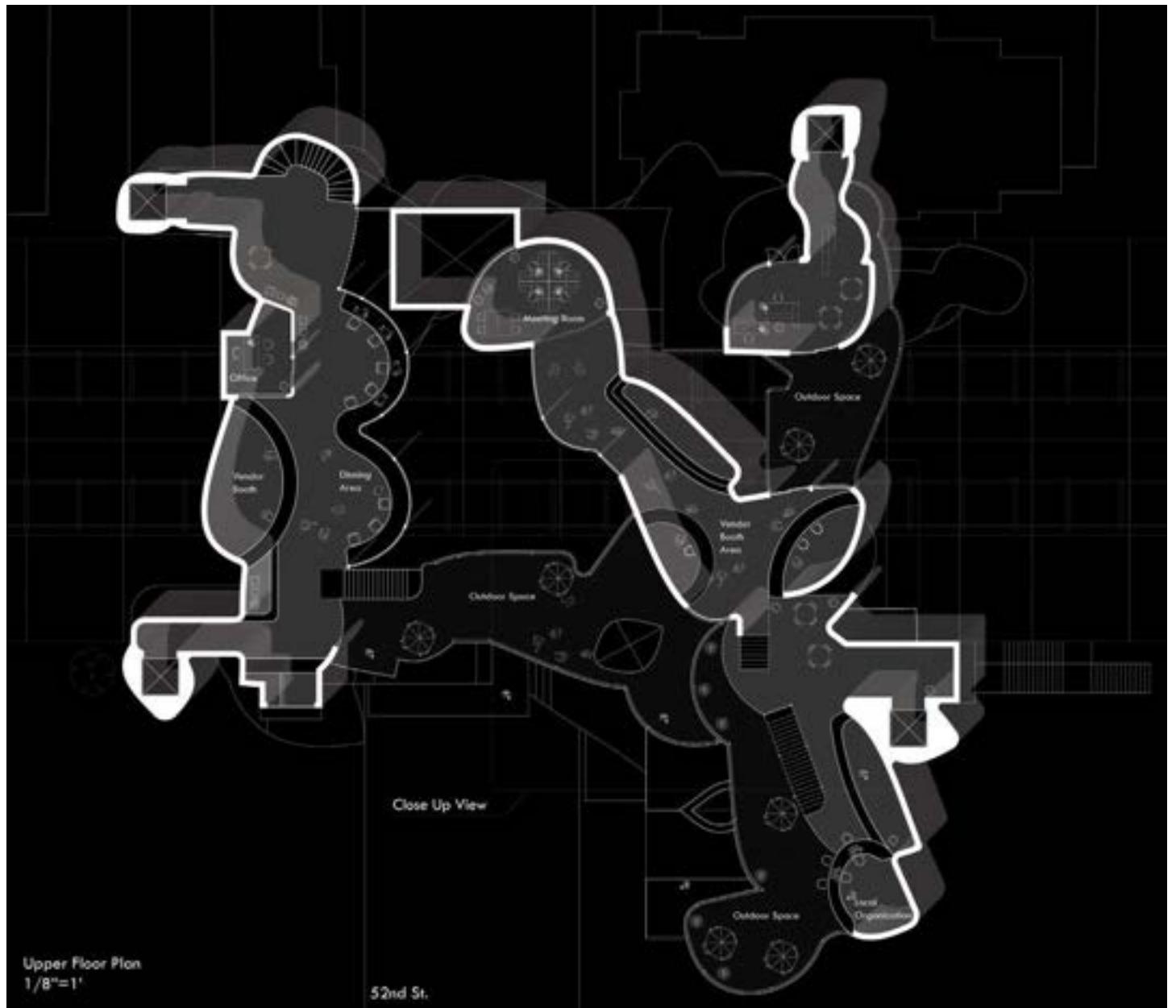
Section 1 cut through train track.



Render of interior view showing public gathering space and mural art at mid level.



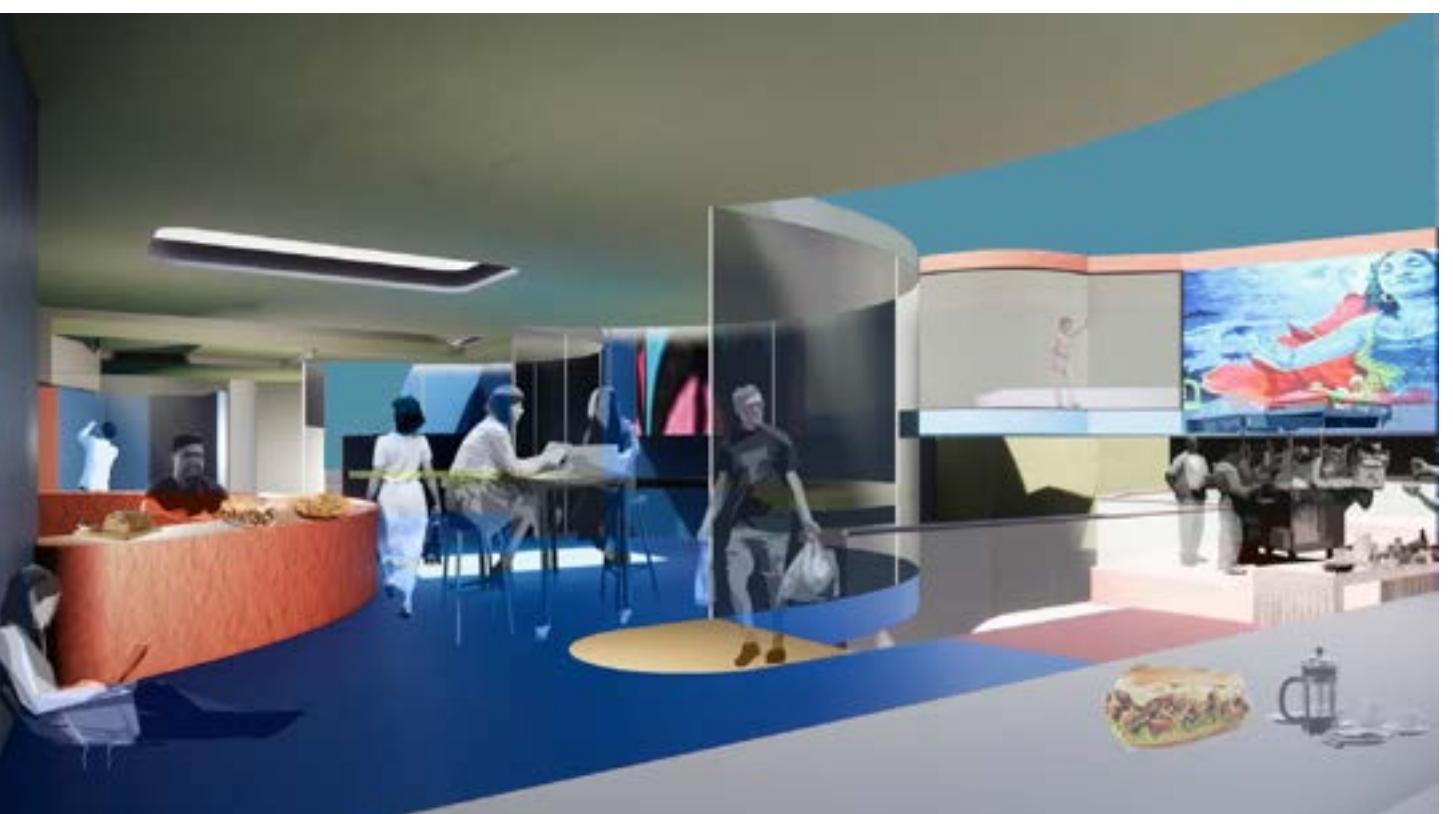
Render of interior view showing different activities at mid level.



Section 2.



Render view showing public at top level.



Render view showing public gathering space at top level.

## WeWork Tower

Fall, 2018 | Instructor: Justin Diles | Team Member: Andrew King

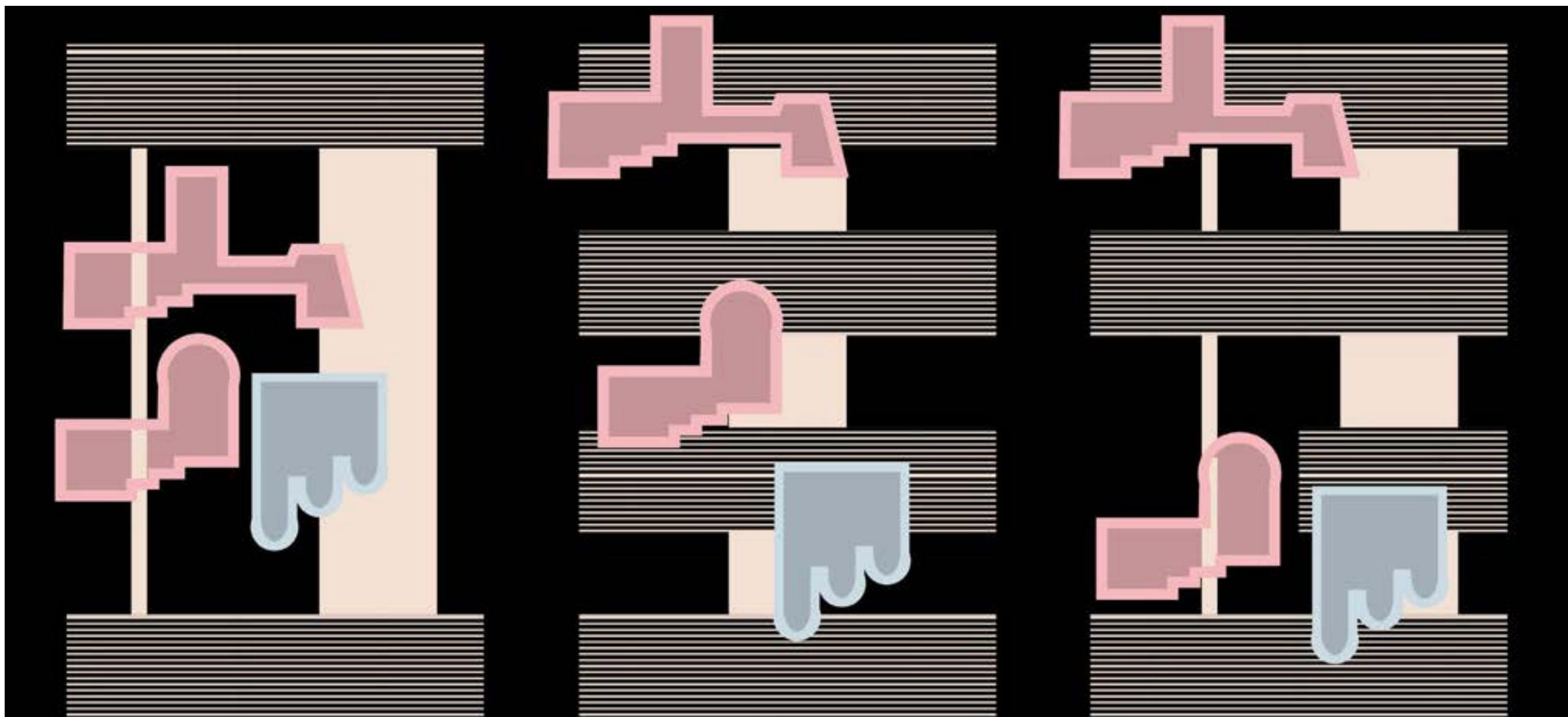
Urban Columbus, Ohio.

Knolwton School of Architecture, The Ohio State University

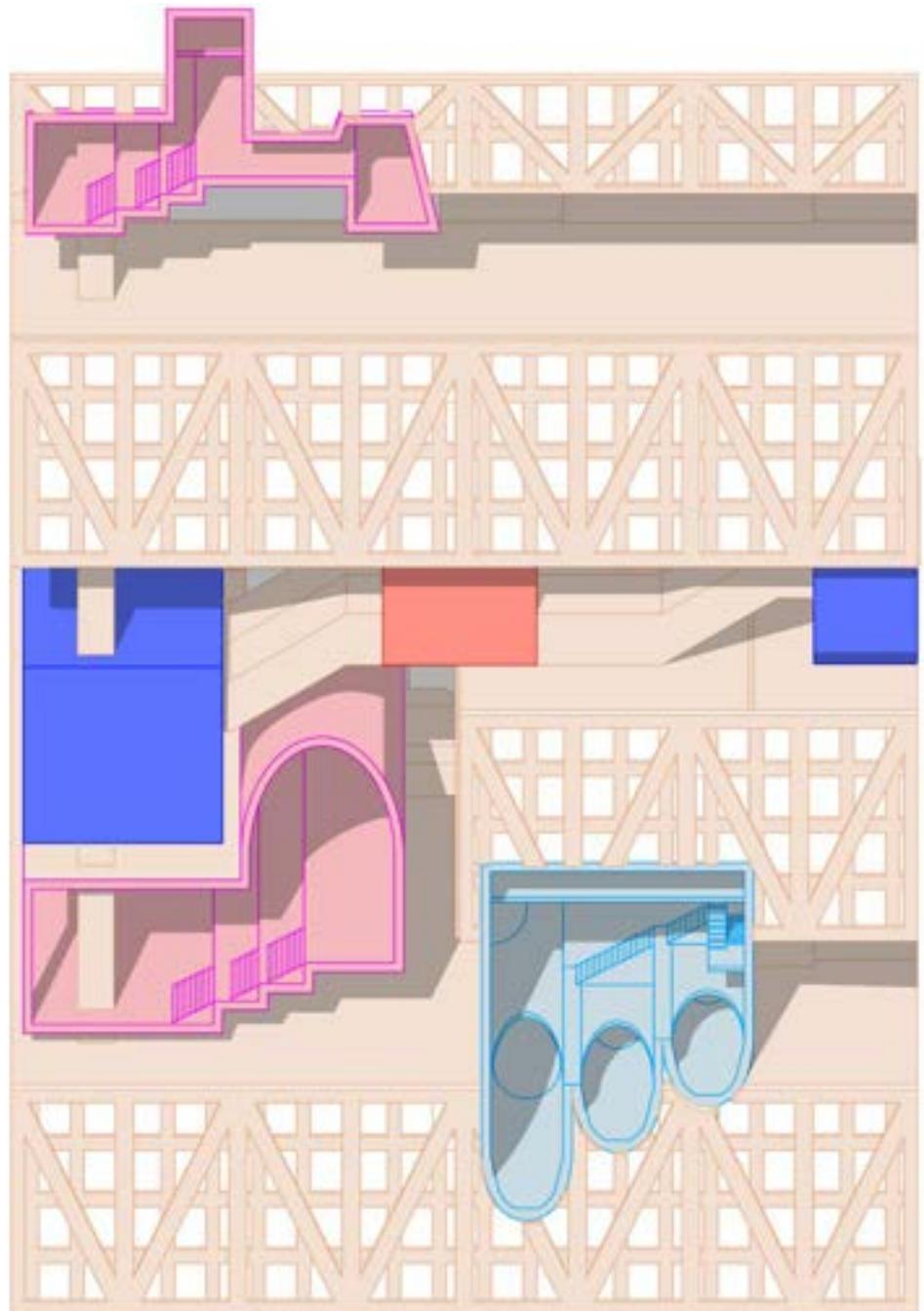
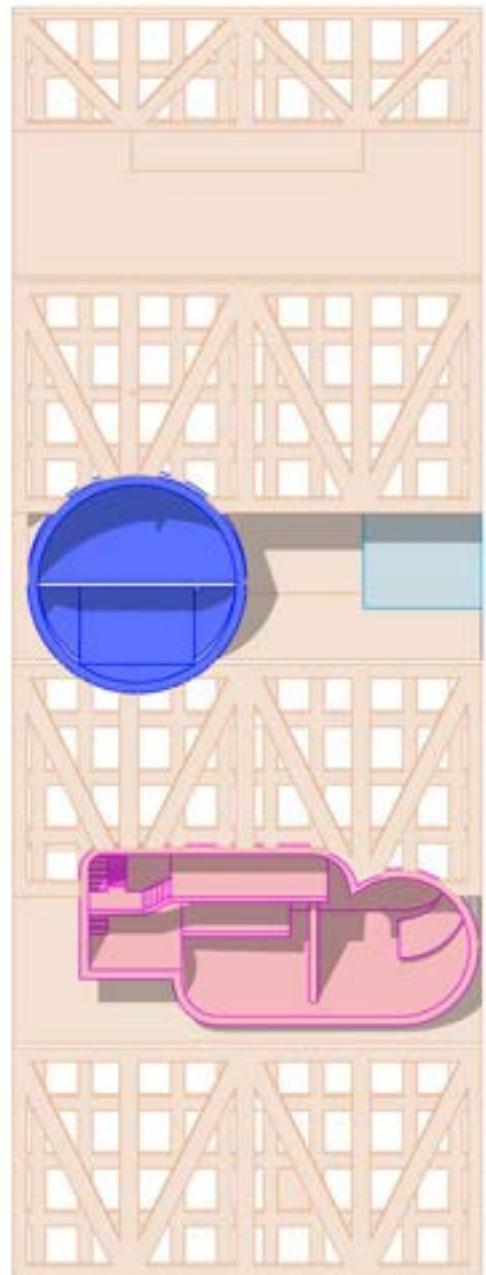
The project aims to bring individuality to break the monotony of a high rise tower. Various forms of geometry turned into specific programs such as daycare, gym, swimming pool and restaurant except the office spaces are kept as bar-like. The programs are then being colored to stand out even more from the monotony of office spaces. Furthermore, those highly unique geometric forms are interacting with regular bar that create cross-program experience that help public circulate through the building in different ways. All of the sophisticated forms are distributed closely to the exterior of the building so that the building could show off its intricate silhouettes to the city.



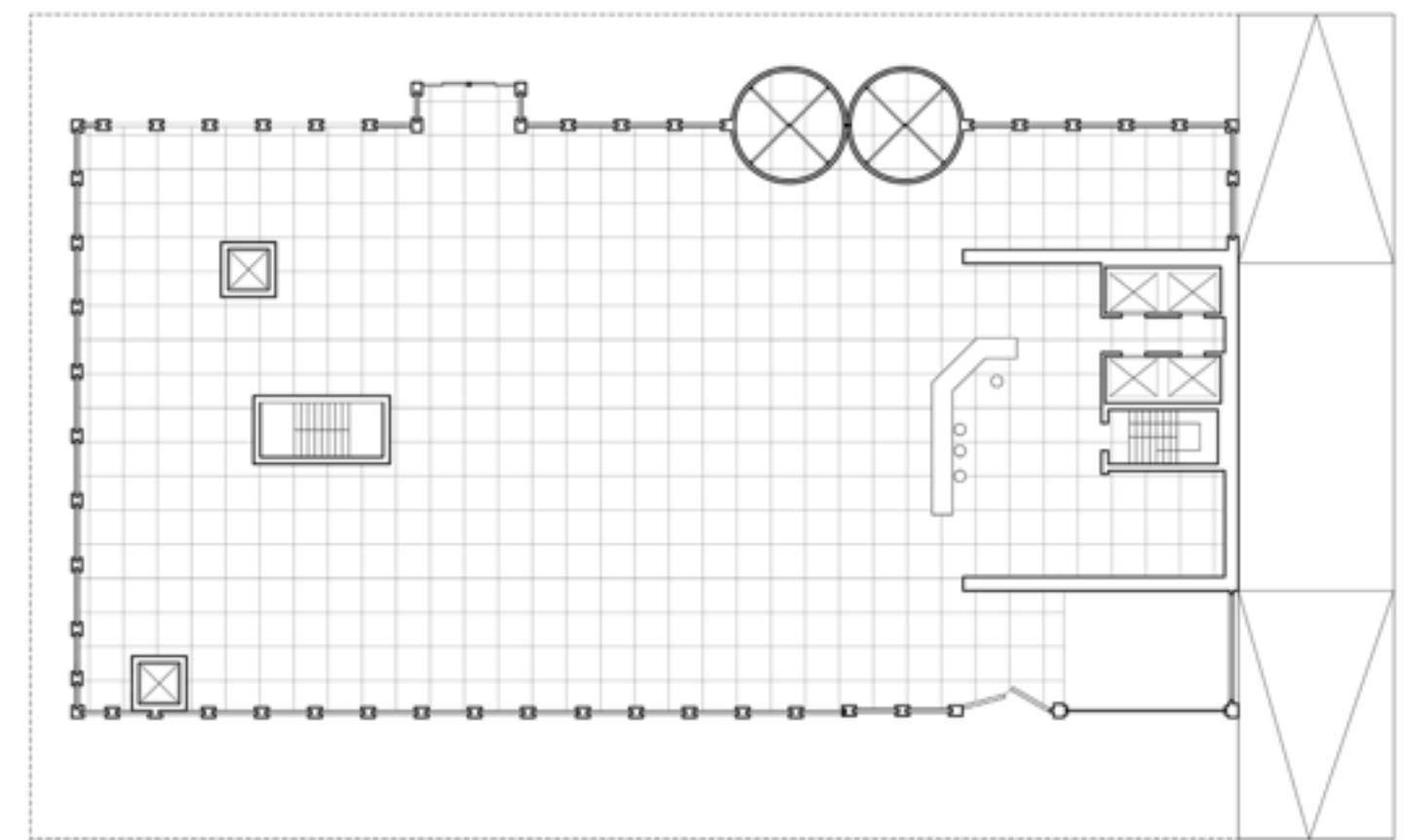
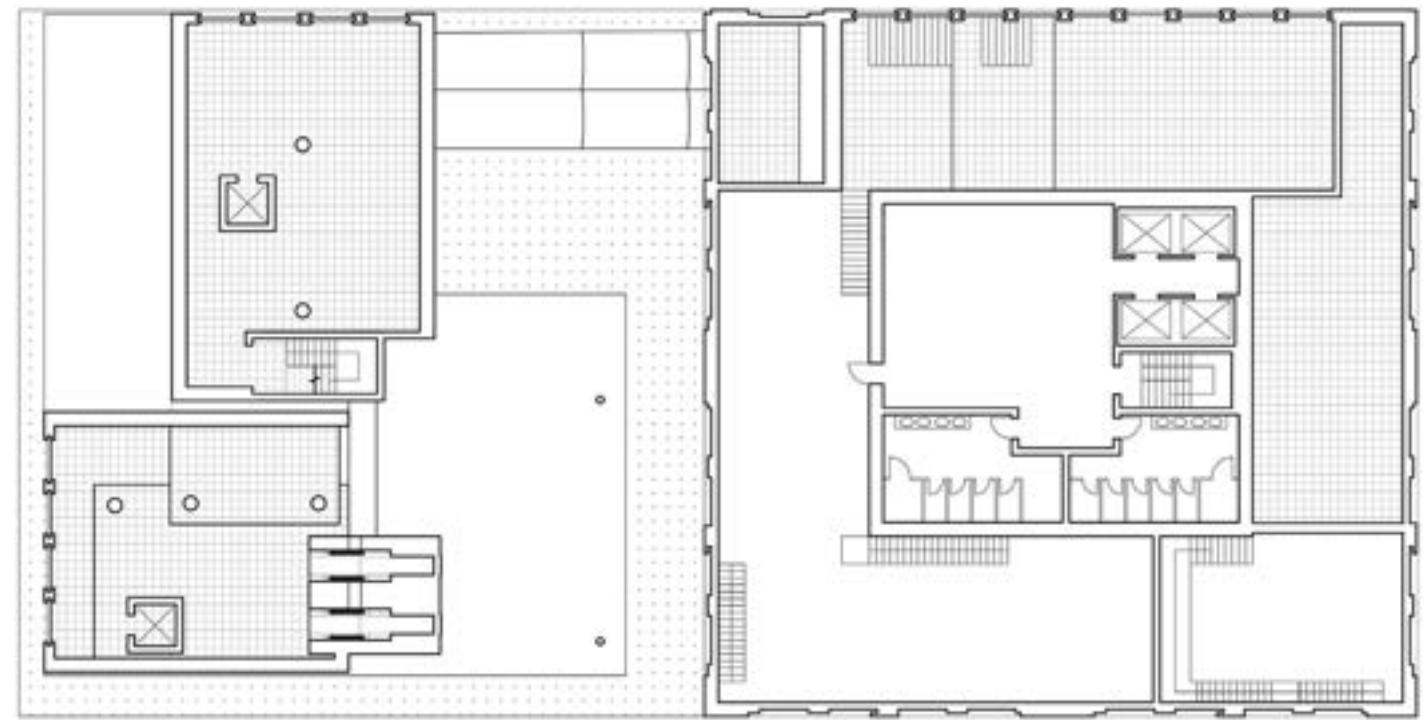
Diagrams study of forms set 1.



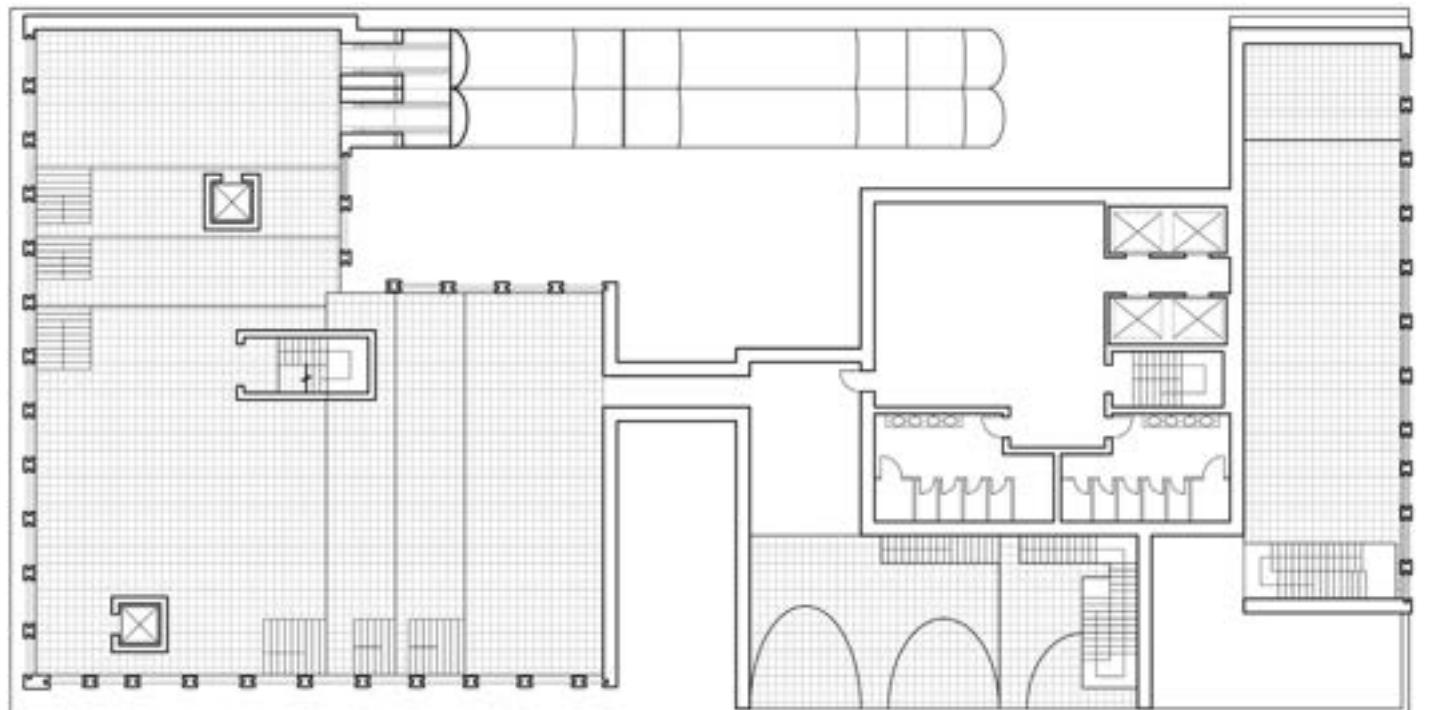
Diagrams study of forms set 2.



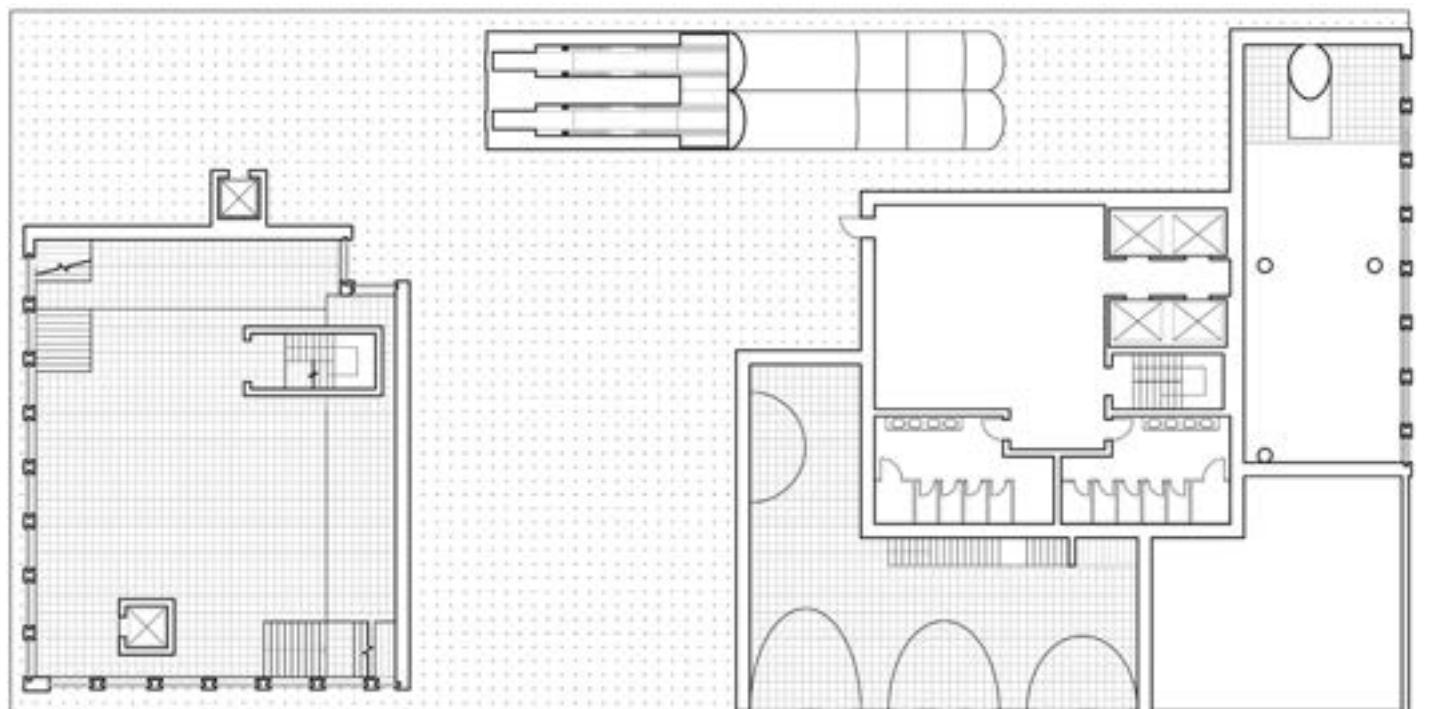
Axonometric drawing of elevations.



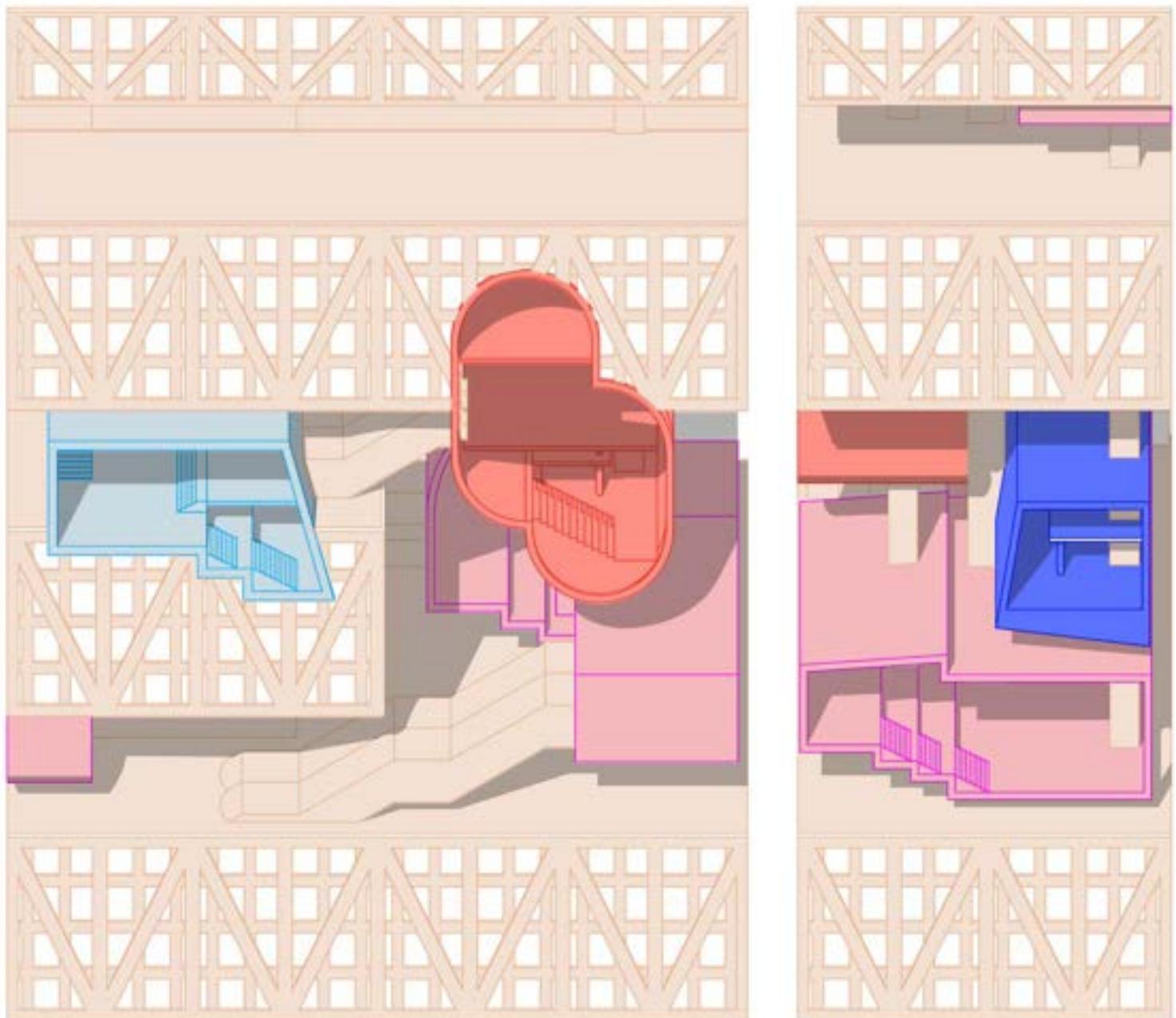
Plan: Lobby



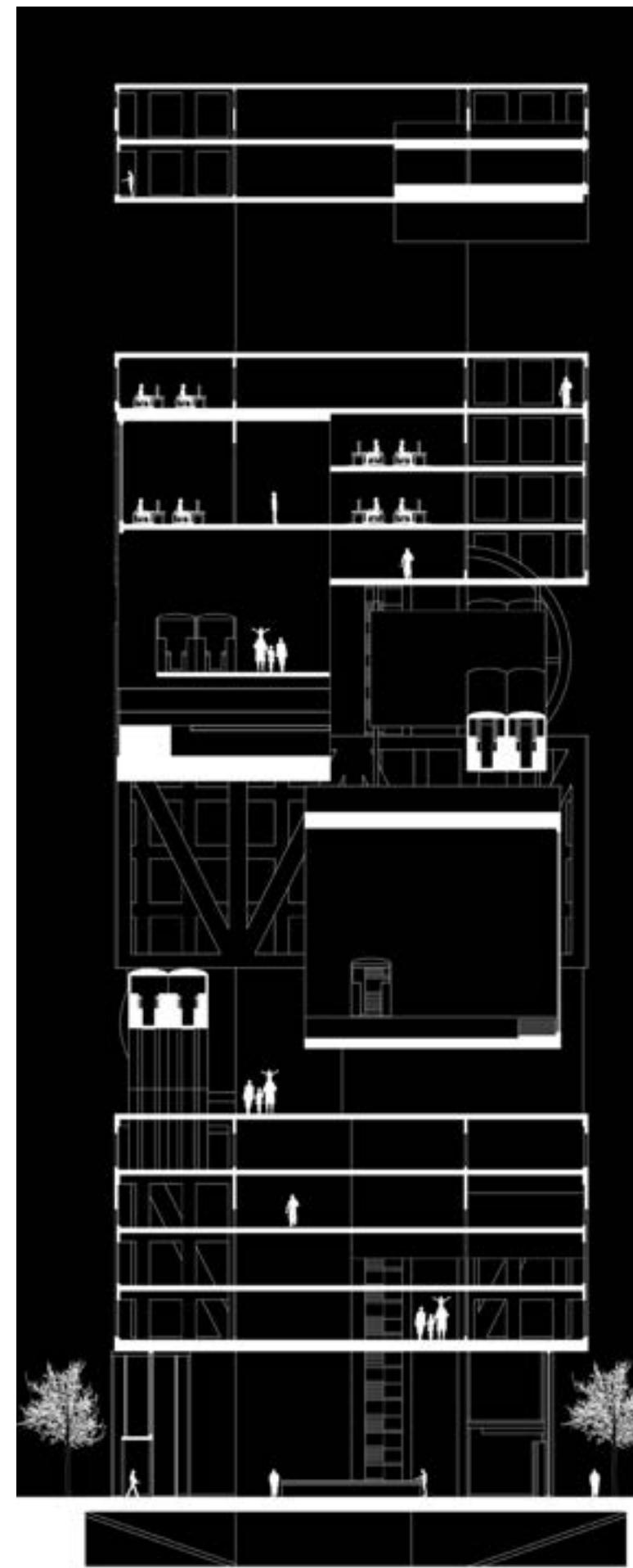
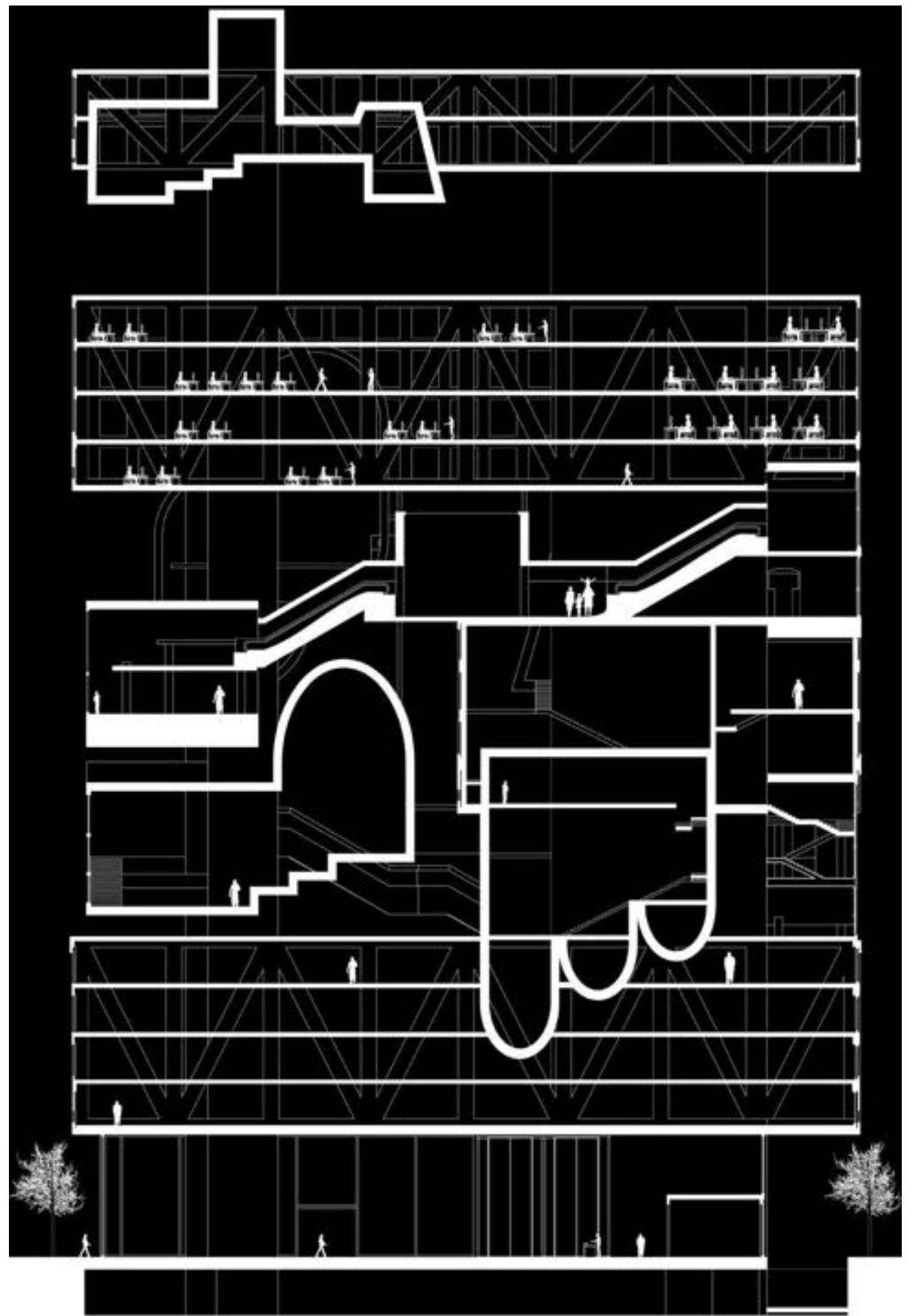
Plan: Lower Public Area  
(Gym, Cafe, Playground)



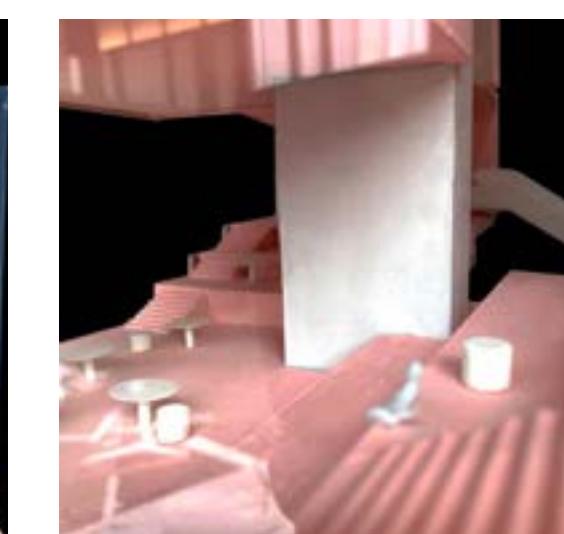
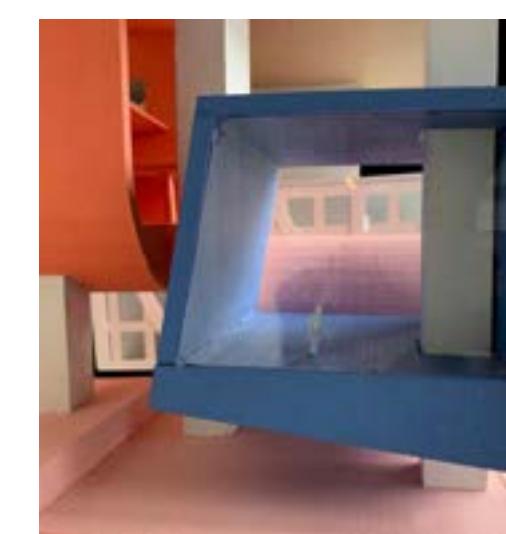
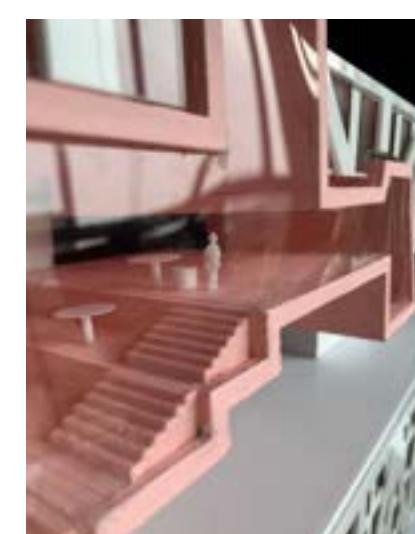
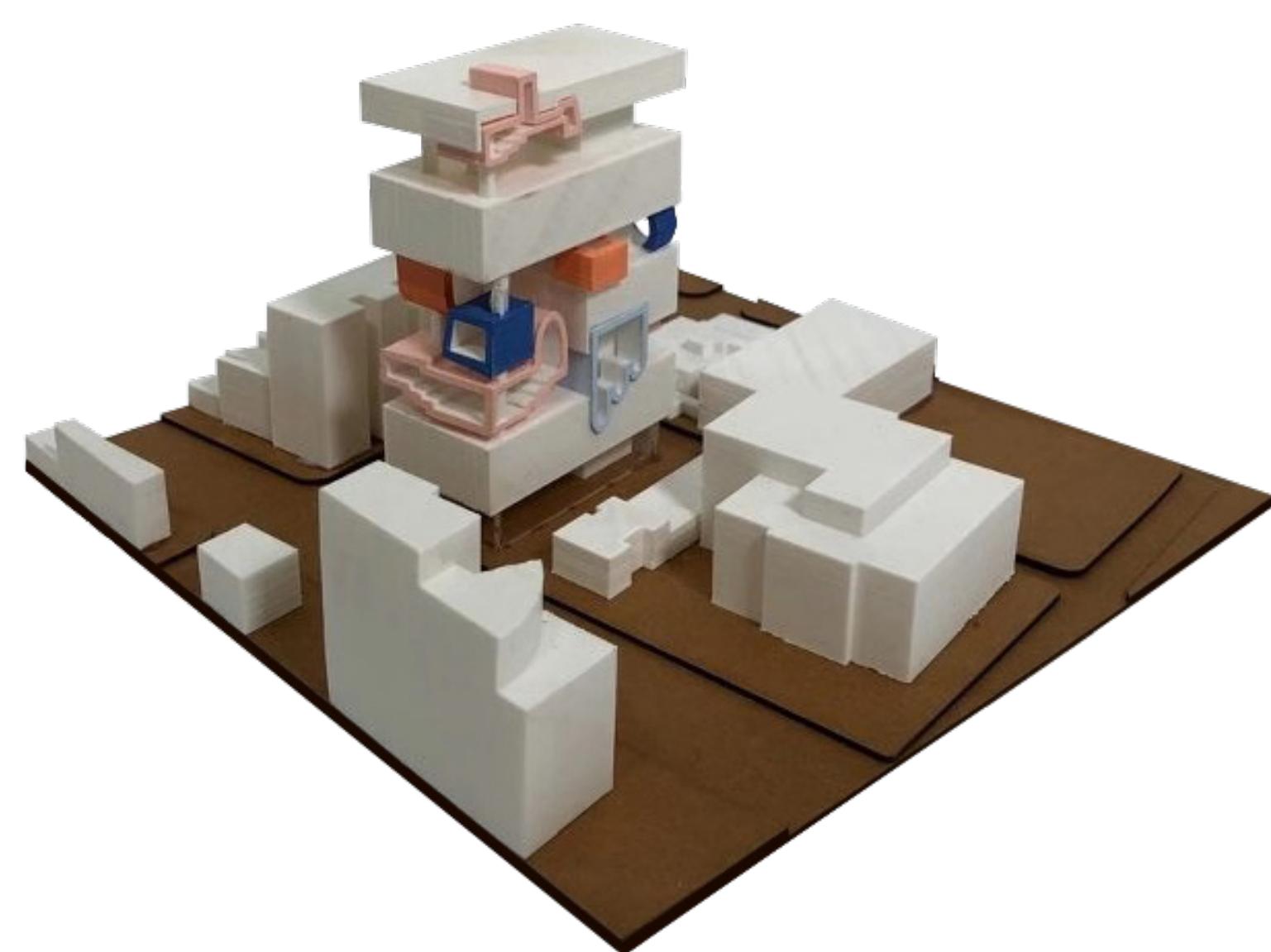
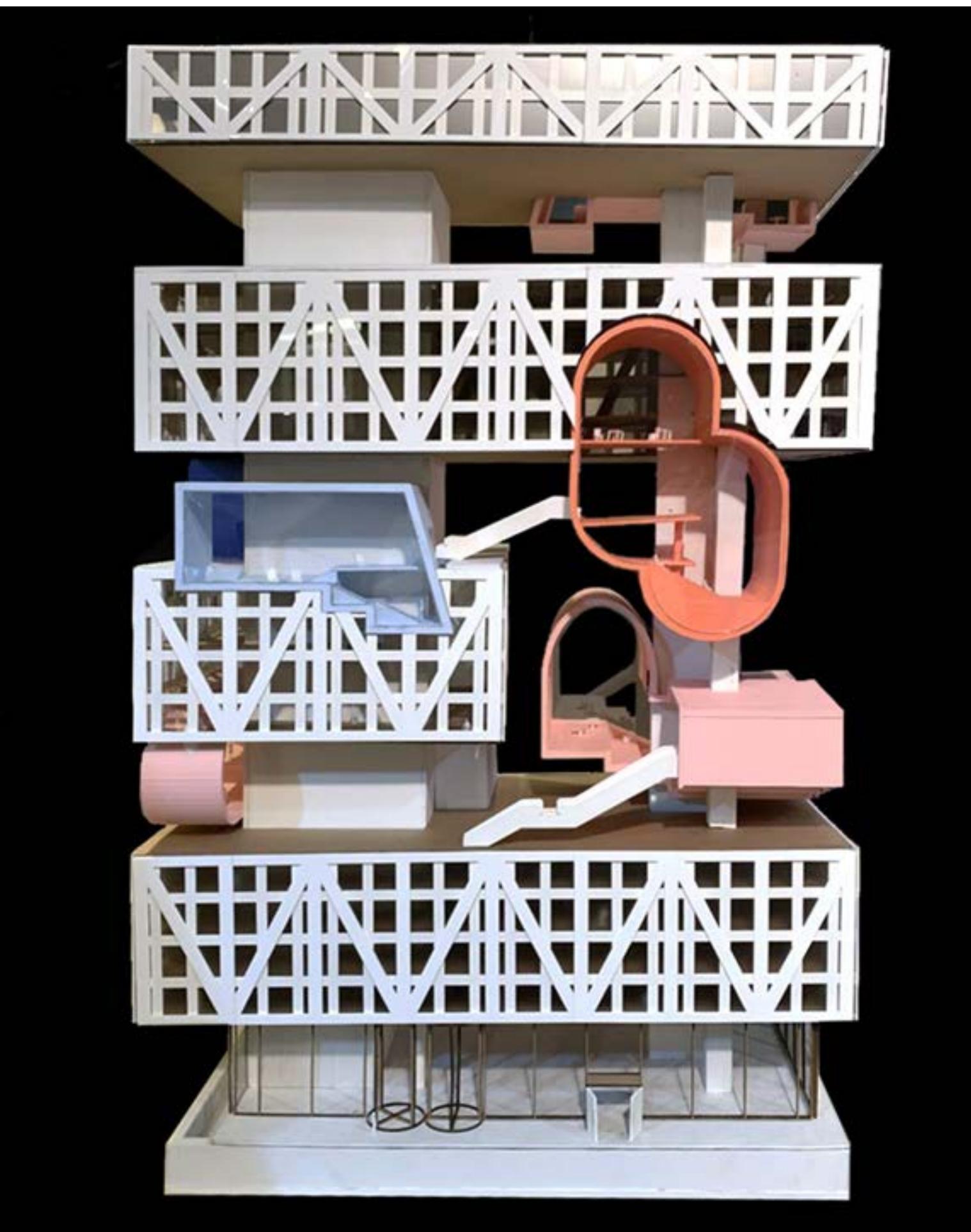
Plan: Lower Public Area  
(Gym, Library, Daycare)



Axonometric drawing of elevations.



Sectional drawings.



Photos of physical model.

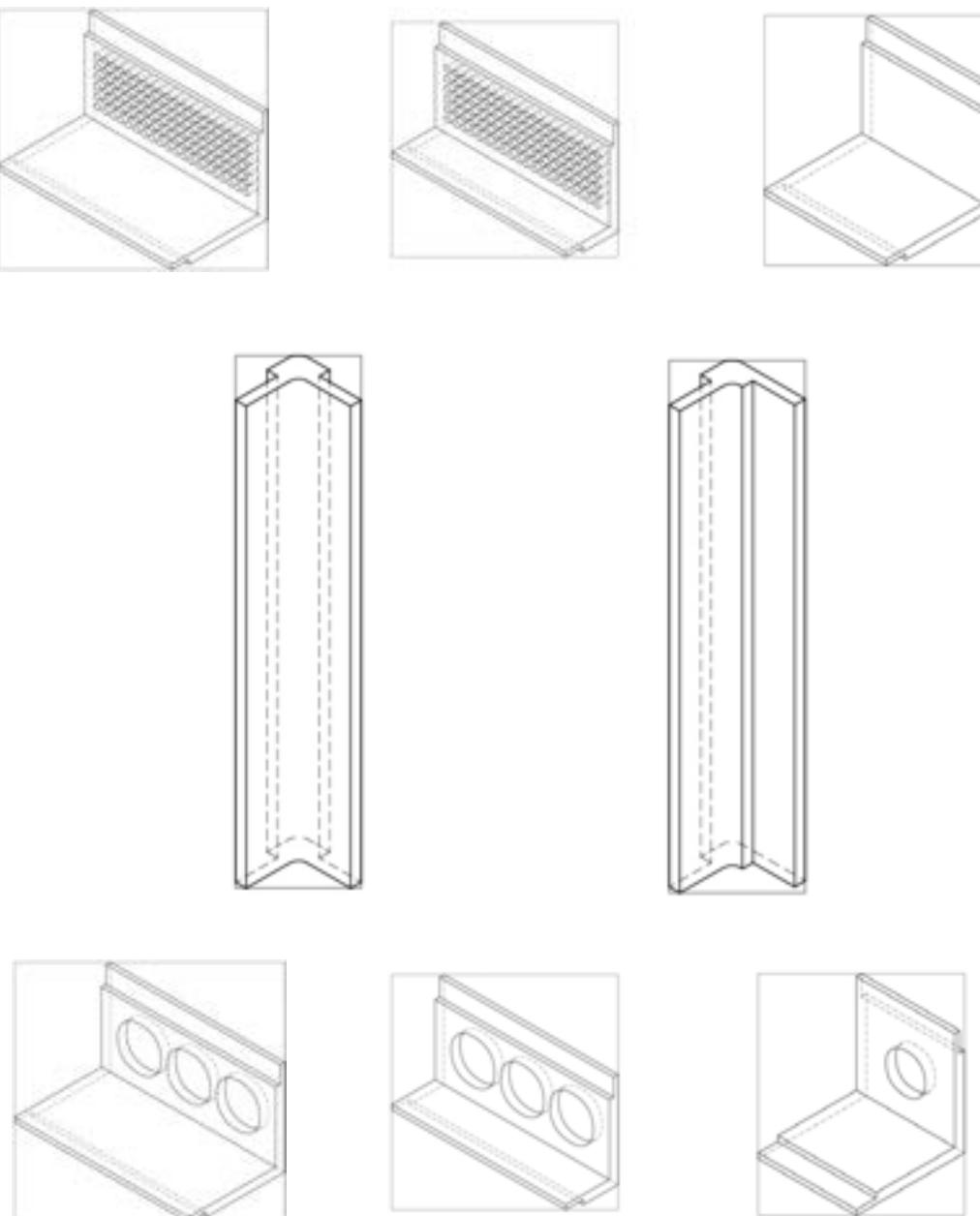
# Stored Energy Research Building

Fall, 2018 | Instructor: Justin Diles

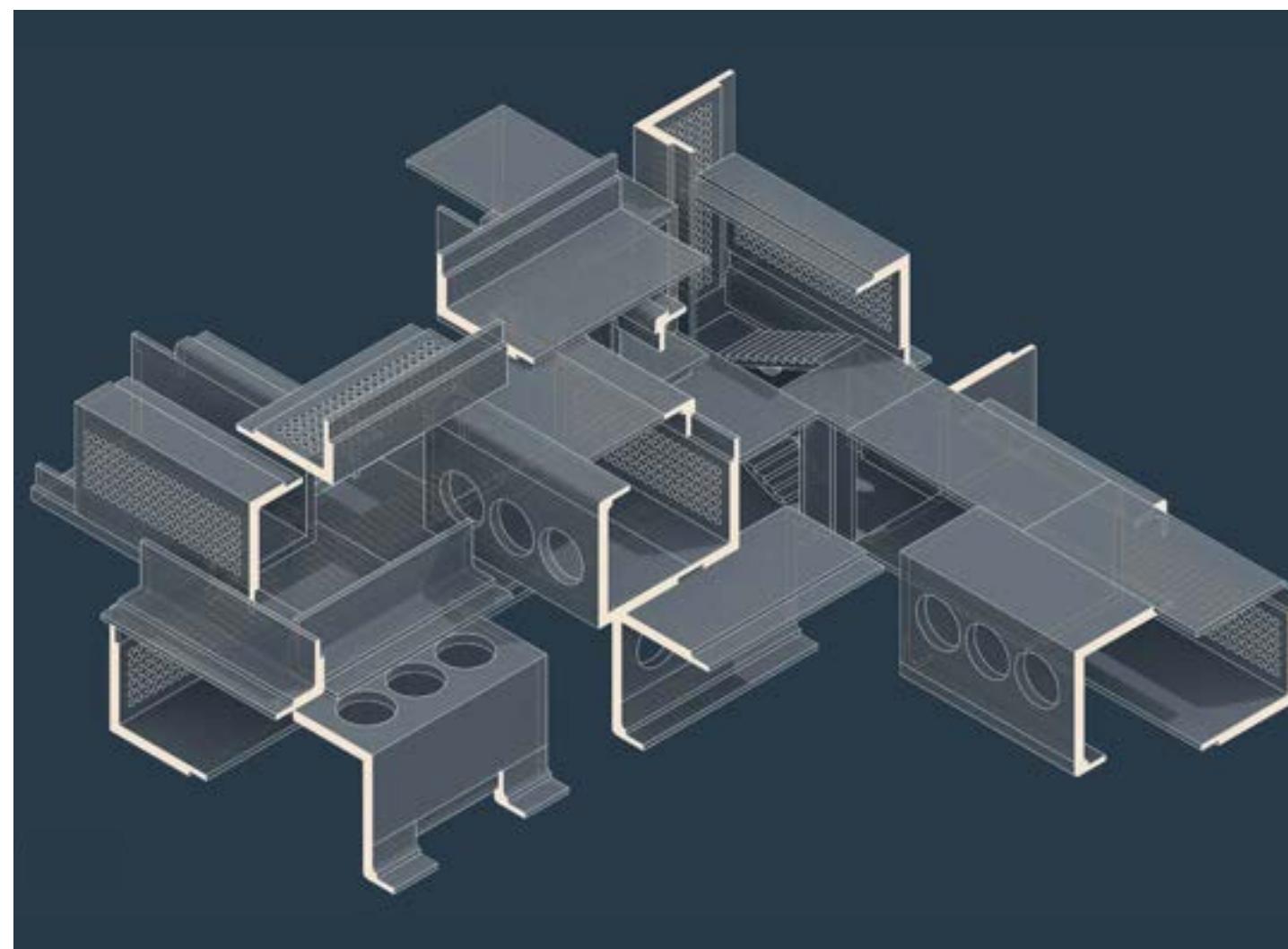
Urban Columbus, Ohio.

Knolwton School of Architecture, The Ohio State University

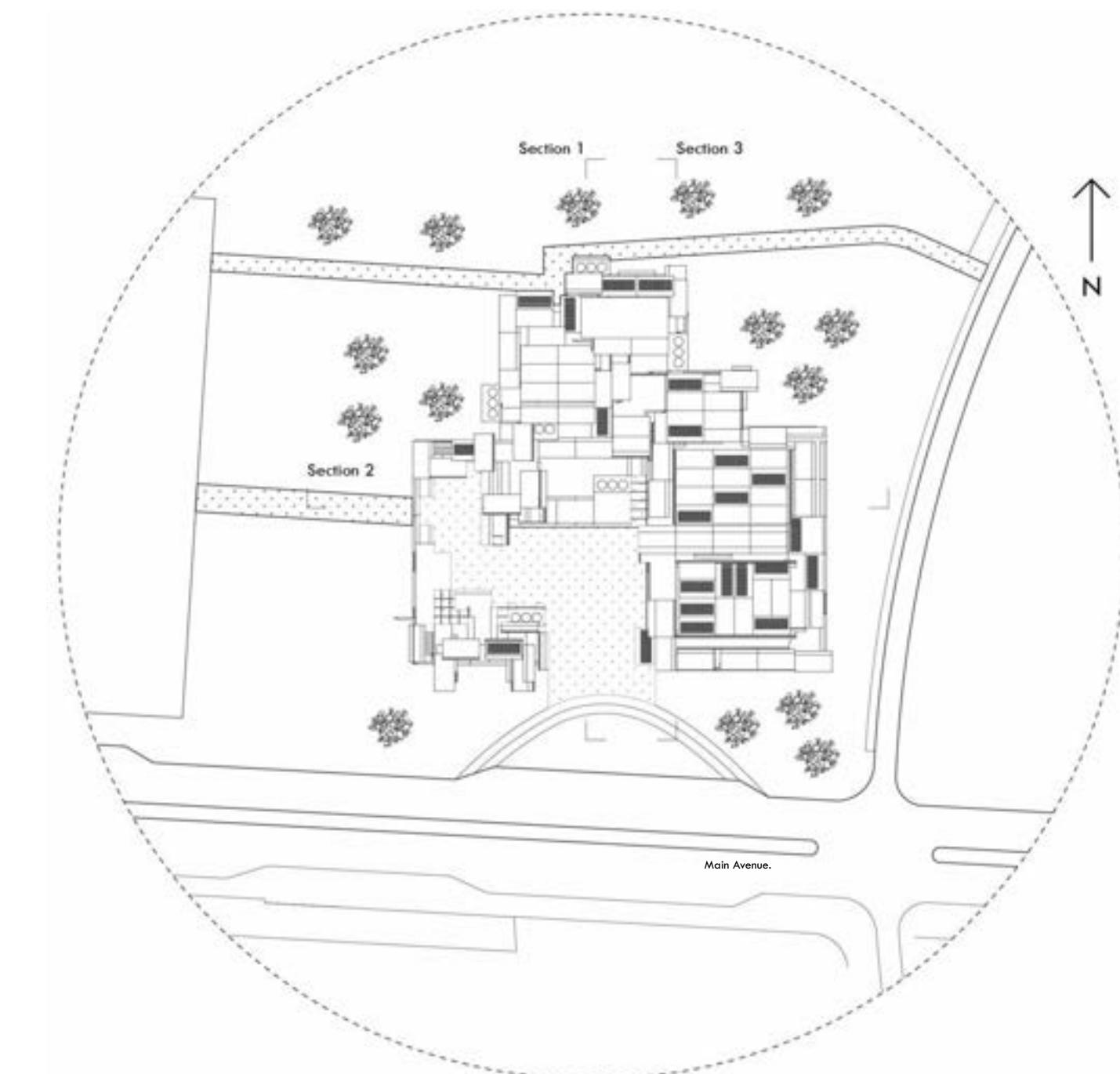
The core design idea of this research building is taking advantage of prefabrication units. On the west campus of the Ohio State University, the efficiency of fabrication and transportation is a major focus in the design process. The building aims to host public visits and tours and provide a professional workspace for scientists and staff. Furthermore, concrete is designated to be the dominant construction material. As a result, prefabricated concrete units were born and became the building blocks of the entire structure. The new building will also maintain its raw material appearance to the public's eye, not covering up for the aesthetic purpose.



Diagrams of prefabricated concrete units.



Assembly drawing of prefabricated concrete units.



Site plan with connection to local traffic.



Second Floor Plan.



Third Floor Plan.



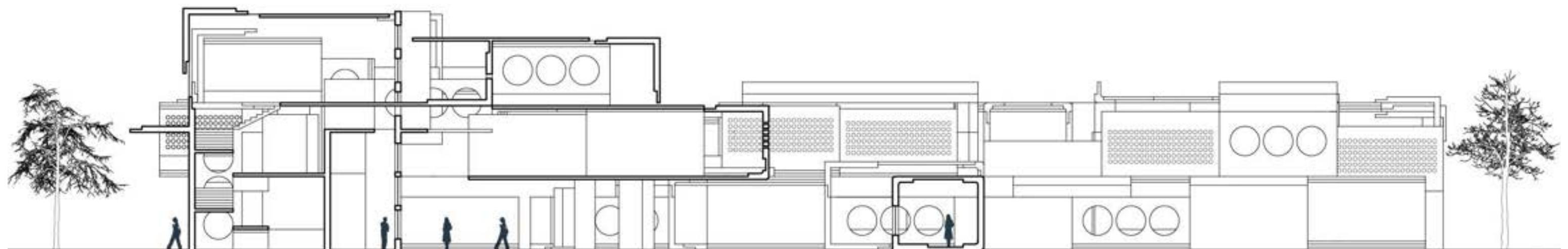
Render view at ground level toward courtyard.



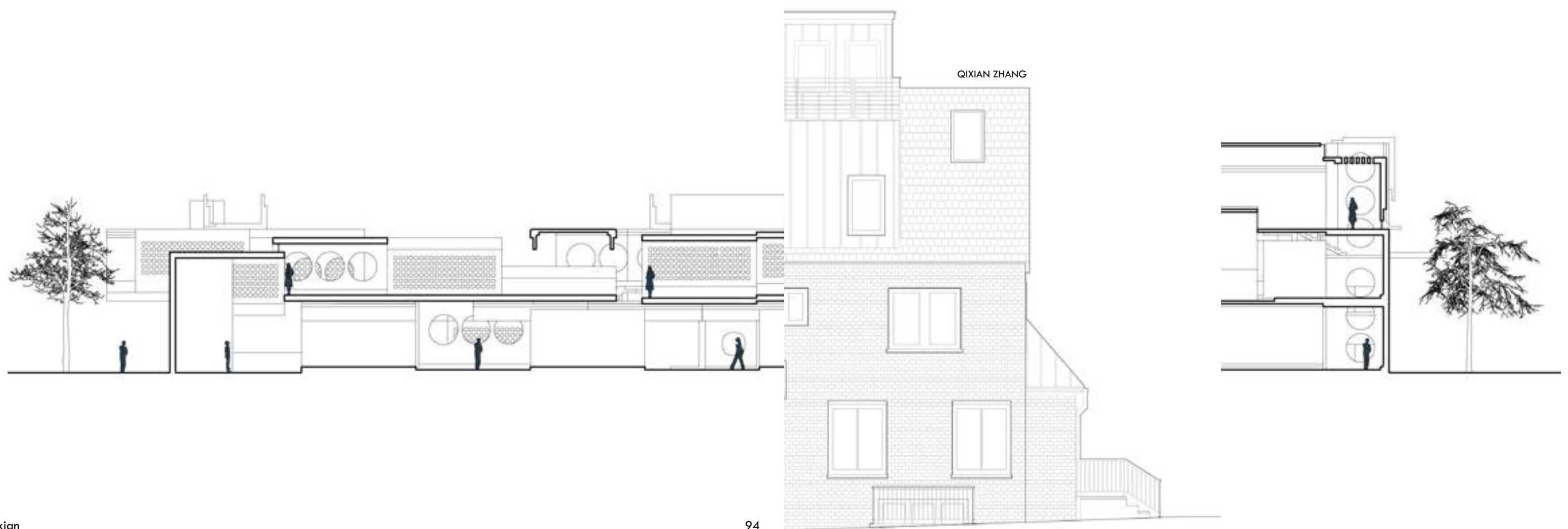
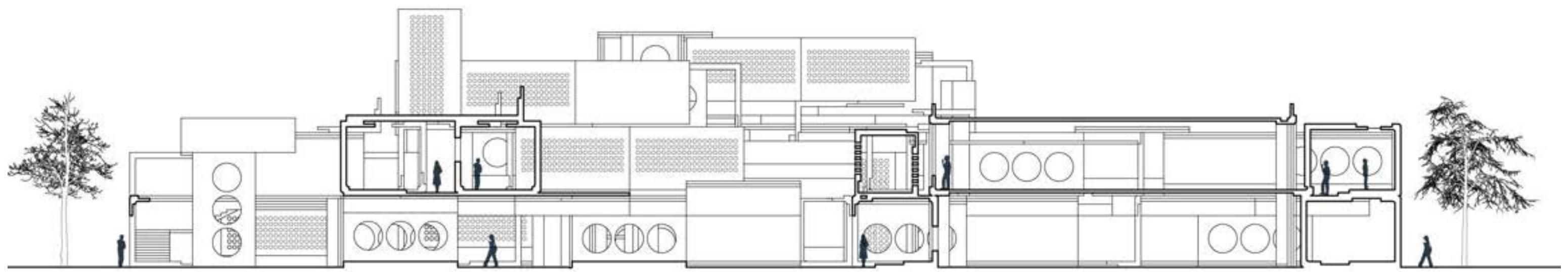
Render view of interior work space.



Render view from cafe area toward.



Section 1.



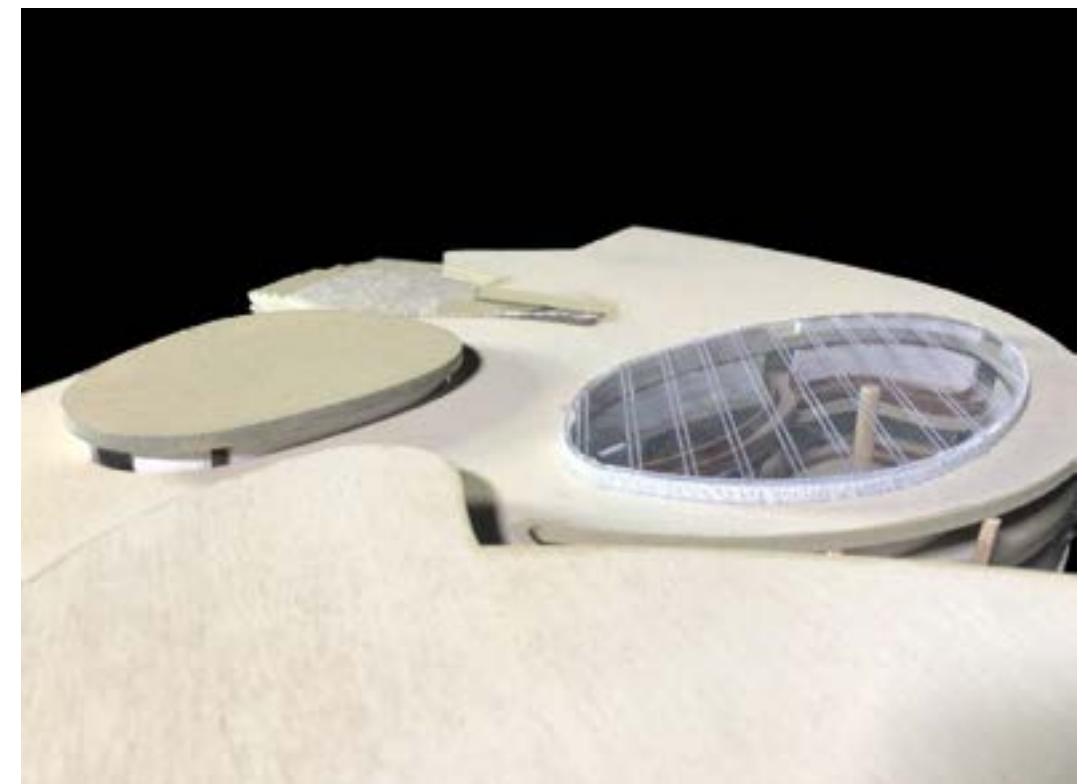
## La Brea Tar Pits Museum

Senior, Gui Competition, 2019 | Instructor: Ann Pendleton-Jullian

Los Angeles, CA.

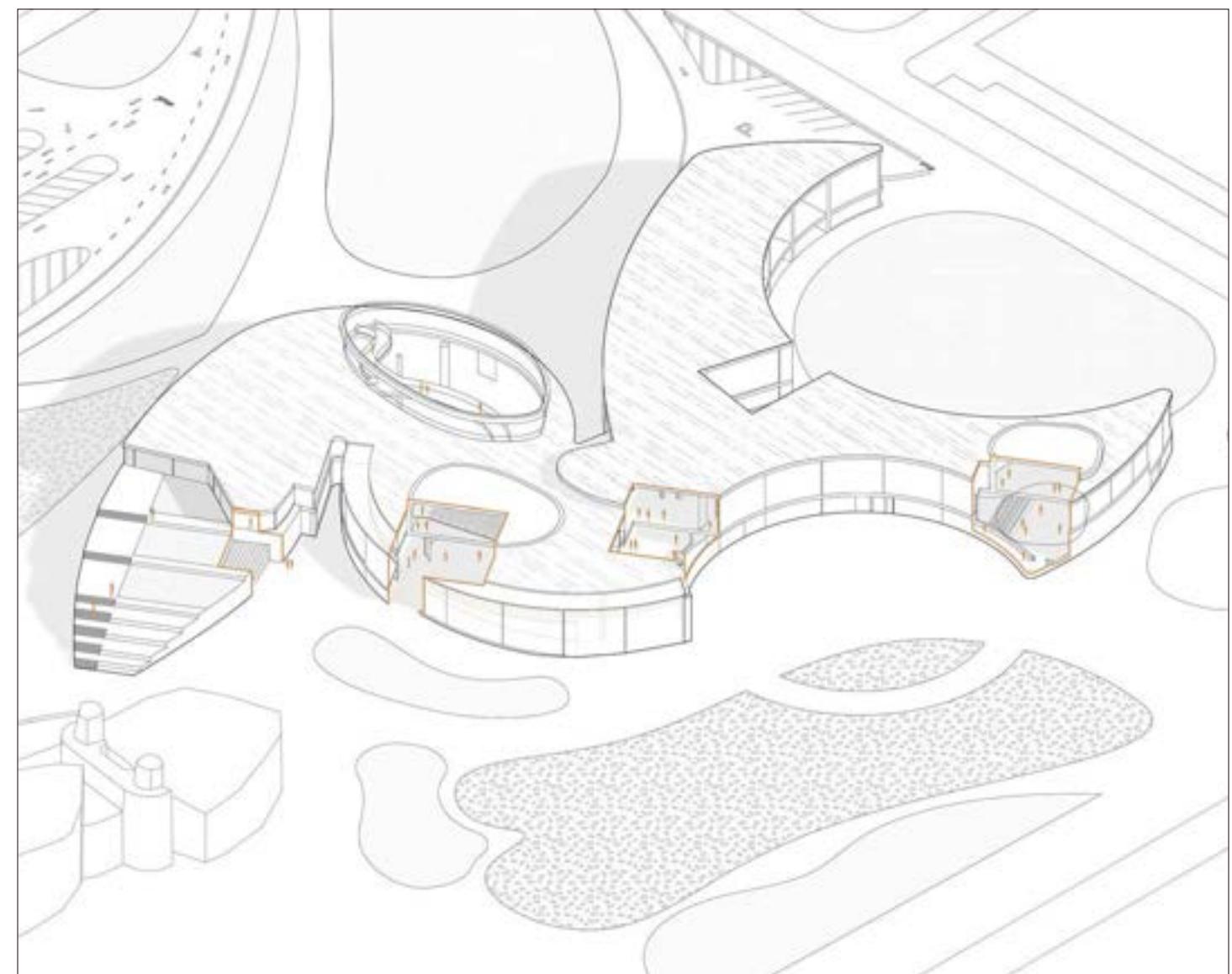
Knowlton School of Architecture, The Ohio State University

The new Museum in urban Los Angeles is about connecting all the elements which are the Tar Pit, green spaces and the excavation pits in the site as both pathway and space for the community. Overall, the building is trying to be responsible to this historically rich site. Using an infinite loop that circling all over the site then stretches out to become the connector for the urban LA community. Furthermore, compartmentalize spaces and object-like space dominant the interior organization, result in the public can have more visual interactions with the private wings of the museum where the staff and scientists conduct researches. Ultimately, the museum aims to evoke the public's interest in engaging in social activities and learning through the connection between the museum and nature.

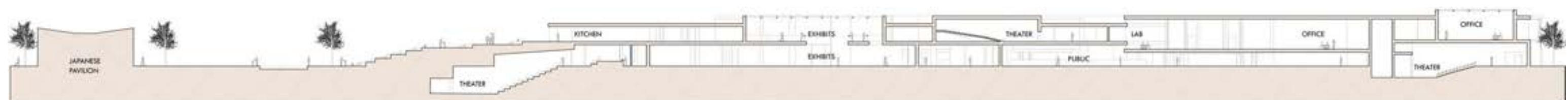




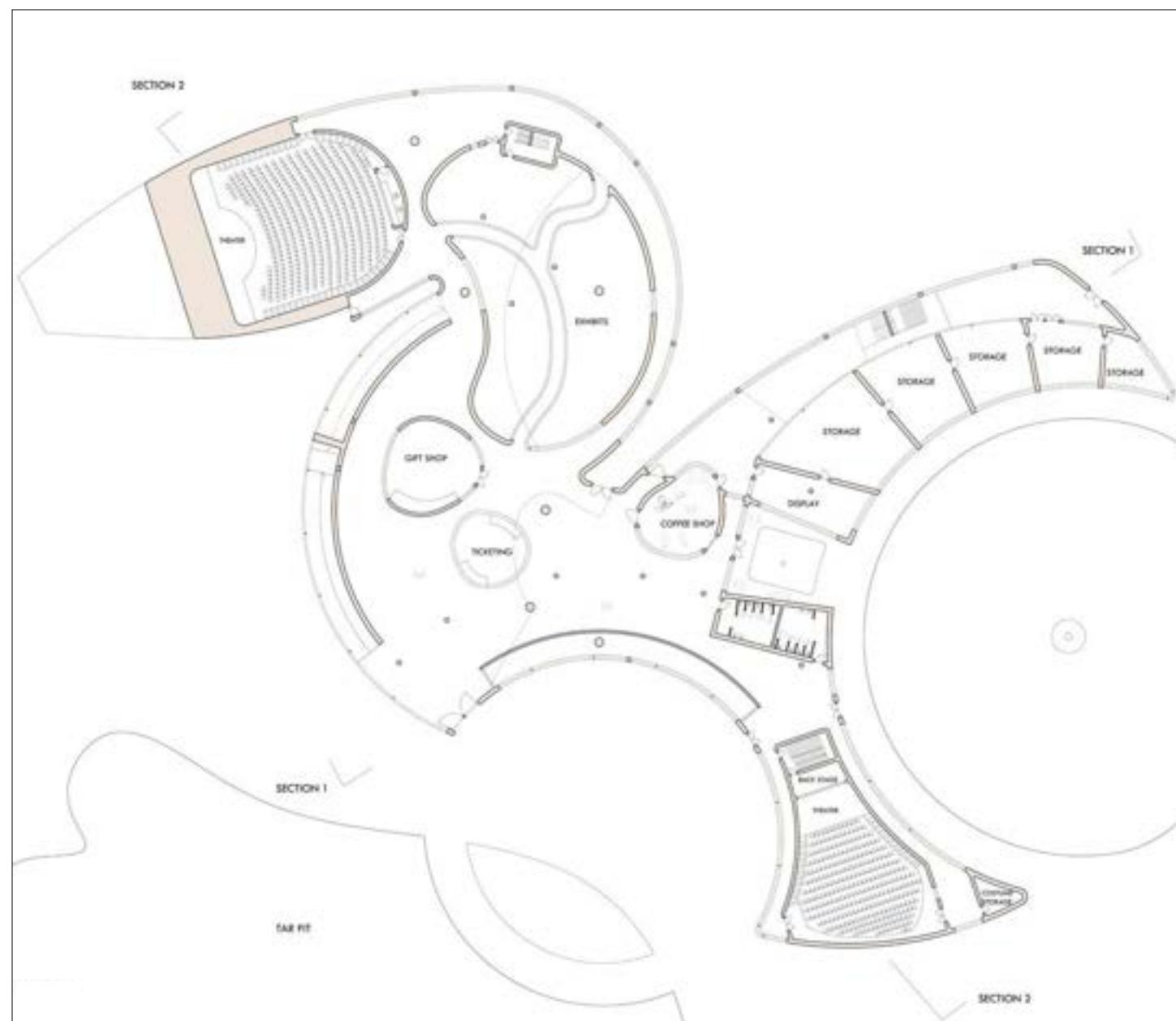
Site plan shows connection to surrounding attractions.



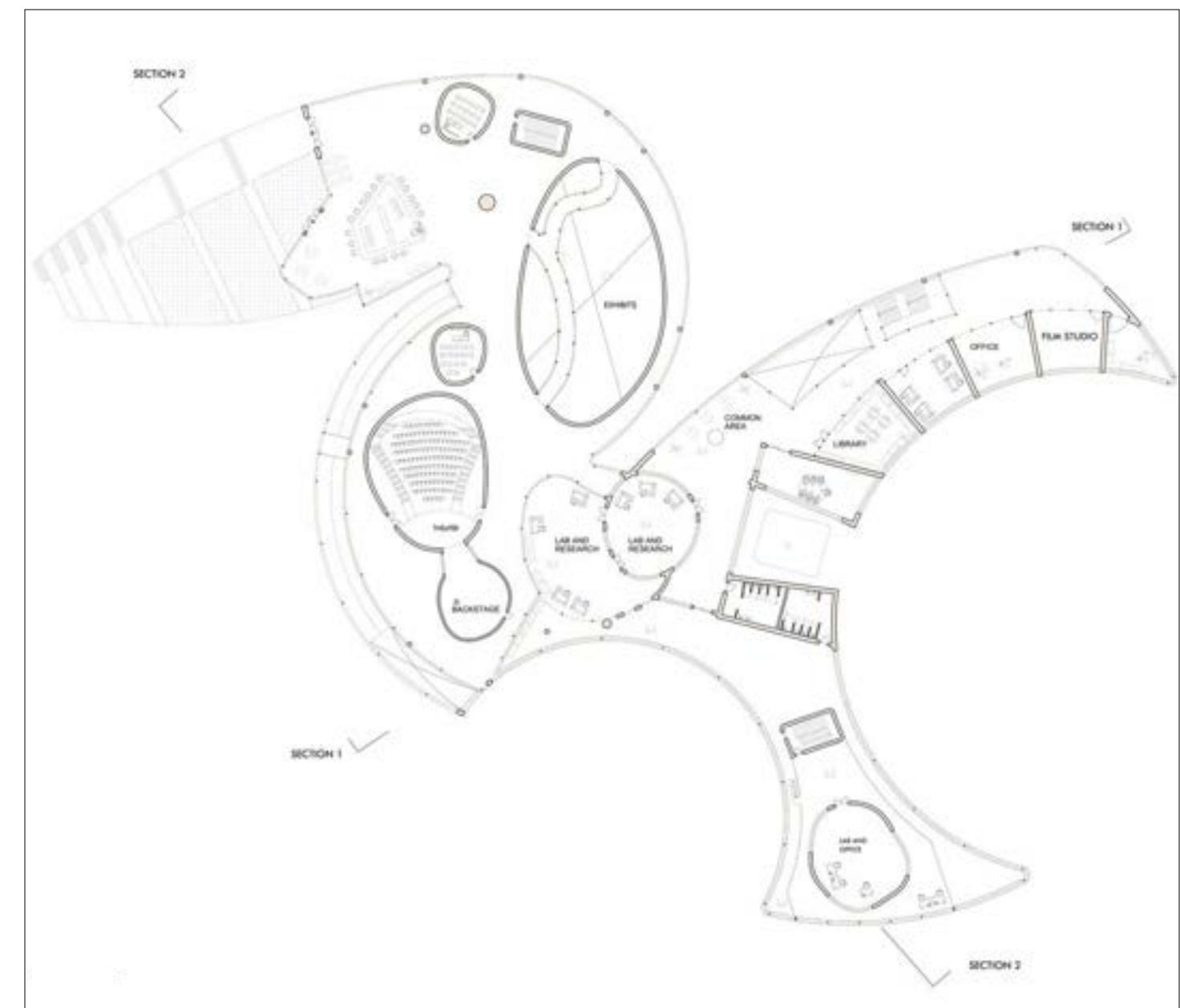
Cutaway axonometric drawing.



Long section (with turning section cut line).



Ground floor plan.



Second floor plan.

# Extracurricular

**Internship.** Summer, 2016.



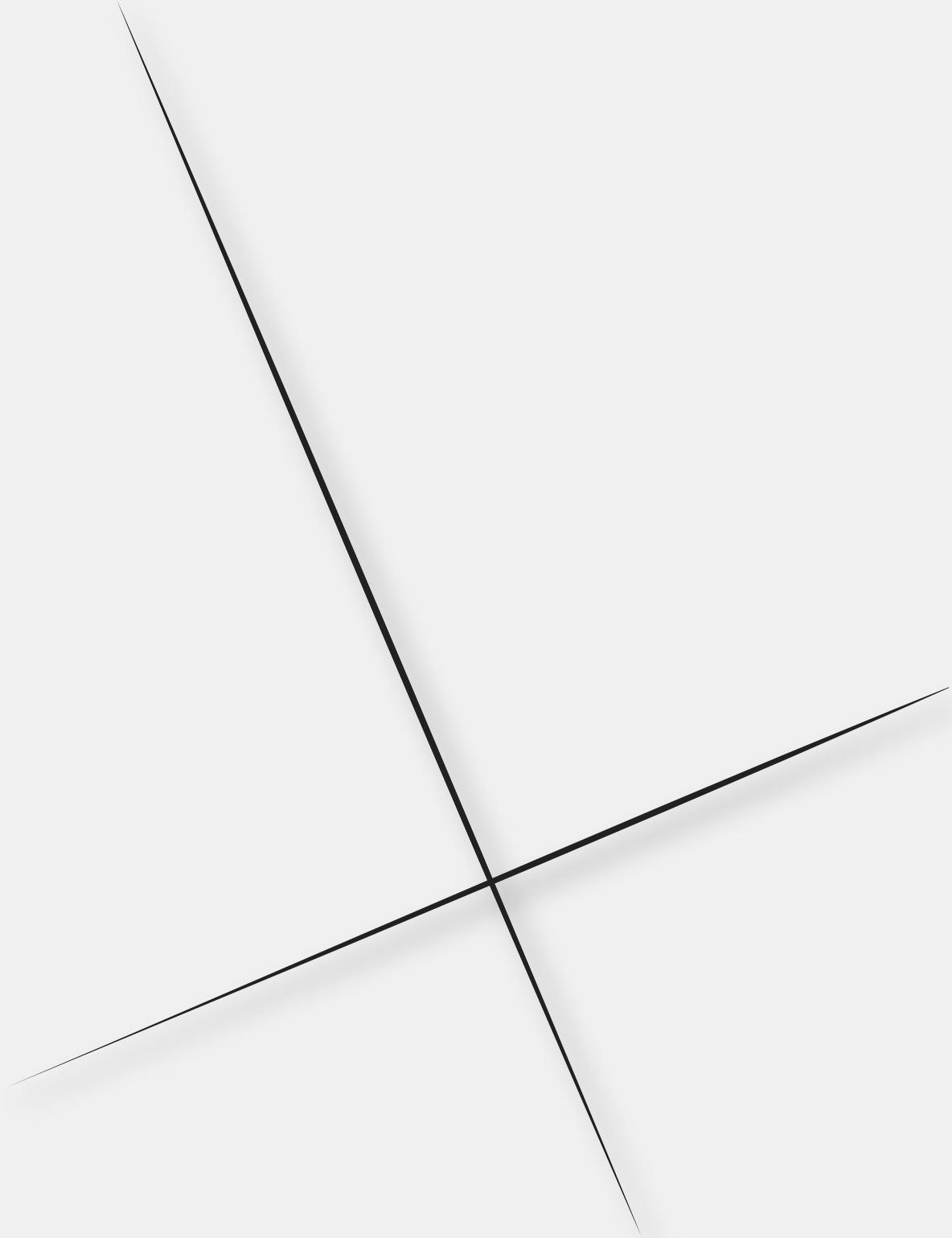
**Travel Photography.**  
Equipment: Fujifilm\_XT-5, with Tamron 17-70mm.



**Under Columns.** Sophomore, 2018.

Team Members: Marly M., Salma A., Partrick S., Alex W.





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Qixian Zhang