



# ARCHITECTURE PORTFOLIO

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Hanan Chikh Mousa

# HANAN CHIKH MOUSA

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Brooklyn, NY 11209

**Objective:** Architect with exceptional commitment to construct safe and beautiful residential and corporate spaces with outstanding customer service skills; and superior written and oral communication abilities, Adaptable and driven with strong work ethic and ability to thrive in team-based or individually motivated settings, seeking to work as an Architect at and cutting edge and innovating firm where I can further develop my skills.

## Education and Training:

**New York City College of Technology**

**Architectural Technology**

**Bachelor of Technology Degree: 3.4 GPA**

Dean's List Honoree [2016-2020]

**Brooklyn, NY**

**08/2014 - 05/2020**

## Work Experience:

**United Nations**

**Internship**

- Monitor and provide summaries of relevant UN meetings of the General Assembly, ECOSOC and other. Support activities with UN institutions,
- Assist in the preparation of UNCTAD's briefings and meetings. Provide support to UNCTAD staff on mission to New York by organizing meetings with representatives of Member States, UN Departments and Agencies and other stakeholders, as necessary.
- Update and improving information contained in the NYO databases and performing Internet-based research and information cataloguing related to the work of UNCTAD.
- Assist with the maintenance of NYO's electronic communications dispatched regularly to all stakeholders, including UNCTAD communications and outreach products.
- Prepare inputs for staff members of the NYO participating in intergovernmental processes.
- Contribute to social media outreach strategy.
- Undertake other tasks as necessary.

**New York, NY**

**07/2019 - 09/2019**

**Law Office**

**Executive Legal Secretary**

Providing administrative and clerical support to multiple lawyers. Transcribing and proofreading legal documents, scheduling court depositions, hearings, and meetings, filing and organizing important documents. Drafting legal documents, including subpoenas, motions, and summonses. Responded to client inquiries.

**Brooklyn, NY**

**07/2015 - 08/2015**

**Pediatrician office**

**Medical Receptionist**

Greeting incoming patients, Schedule appointments, directing to proper area. Collecting patient information and ensuring lab results, physician's reports, day sheets are properly placed in Electronic Health Record. Fax and receive and convey messages electronically, in writing and verbally.

**Brooklyn, NY**

**04/2013 - 08/2013**

## Skills

**Languages:** Fluent in English and Arabic

- Microsoft Office (Word, Excel, PowerPoint)
- Photoshop
- InDesign
- Illustrator
- AutoCAD
- Rhino
- Revit
- Lumion
- 3D Max

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II COMMIRCIAL BUILDING

III House

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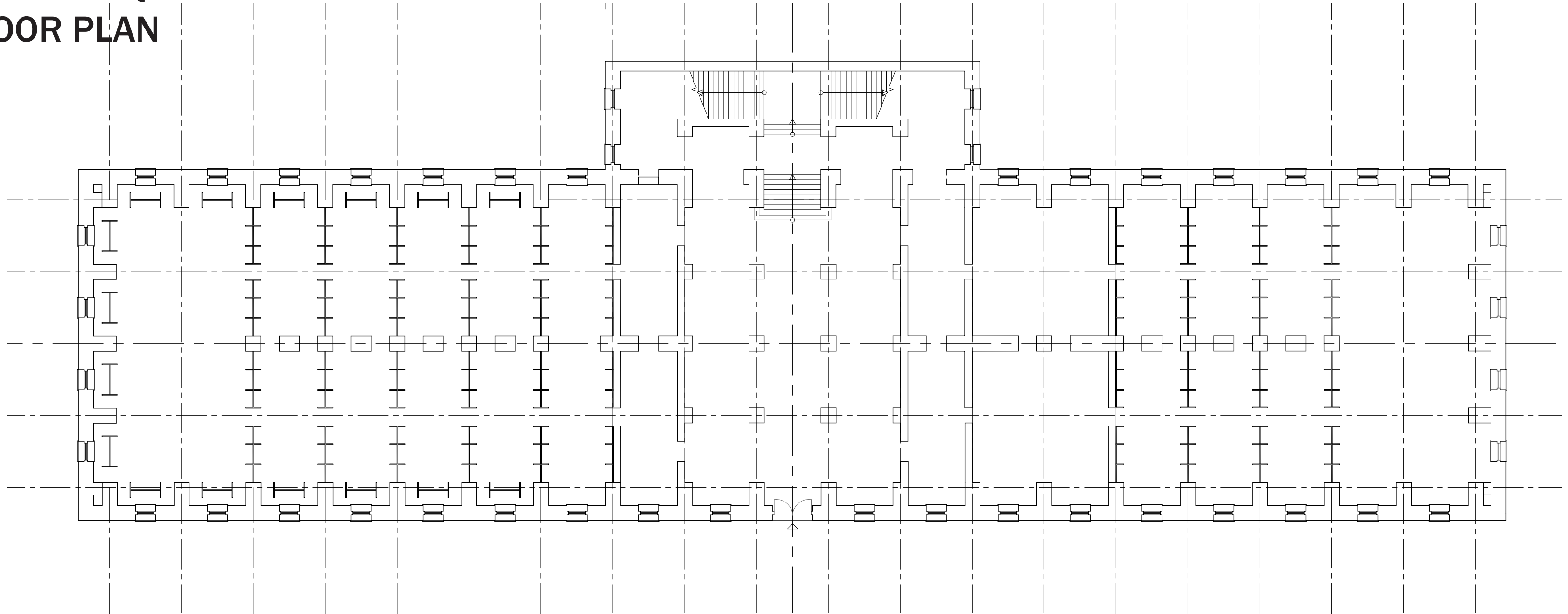
VII MIXED USE BUILDING

VIII BRIDGE

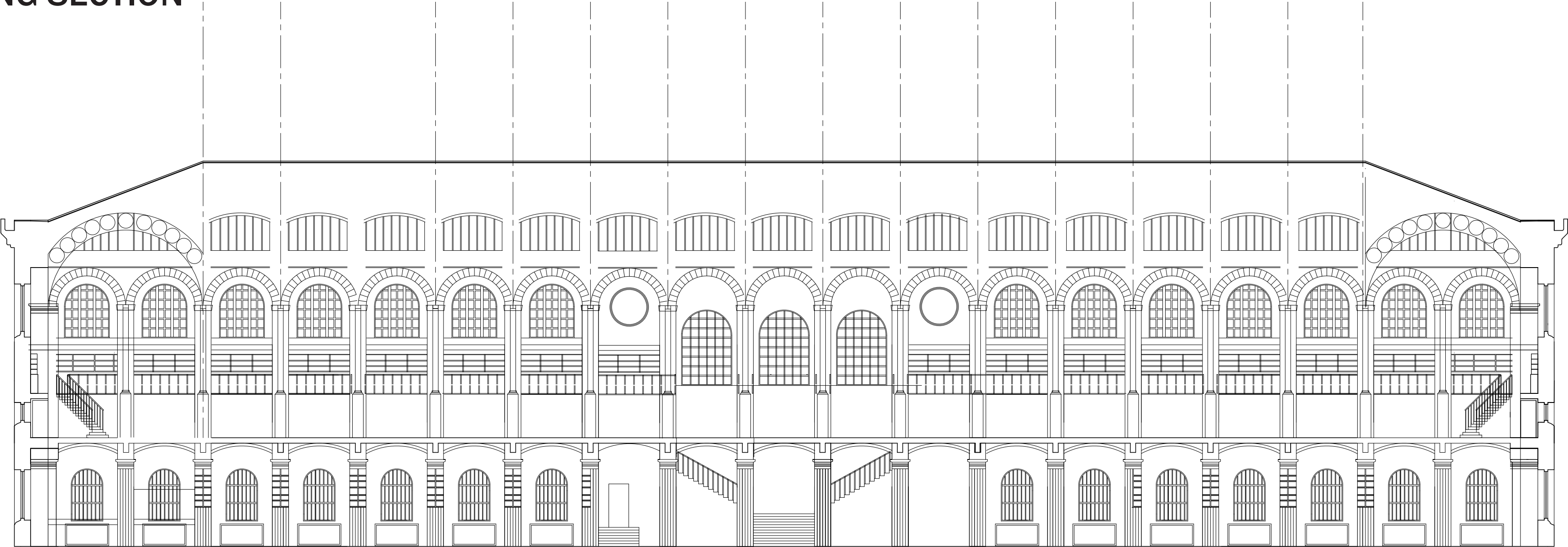
IX WALL DETAILS

# BIBLIOTHEQUE ST GENEVIEVE LIBRARY PARIS

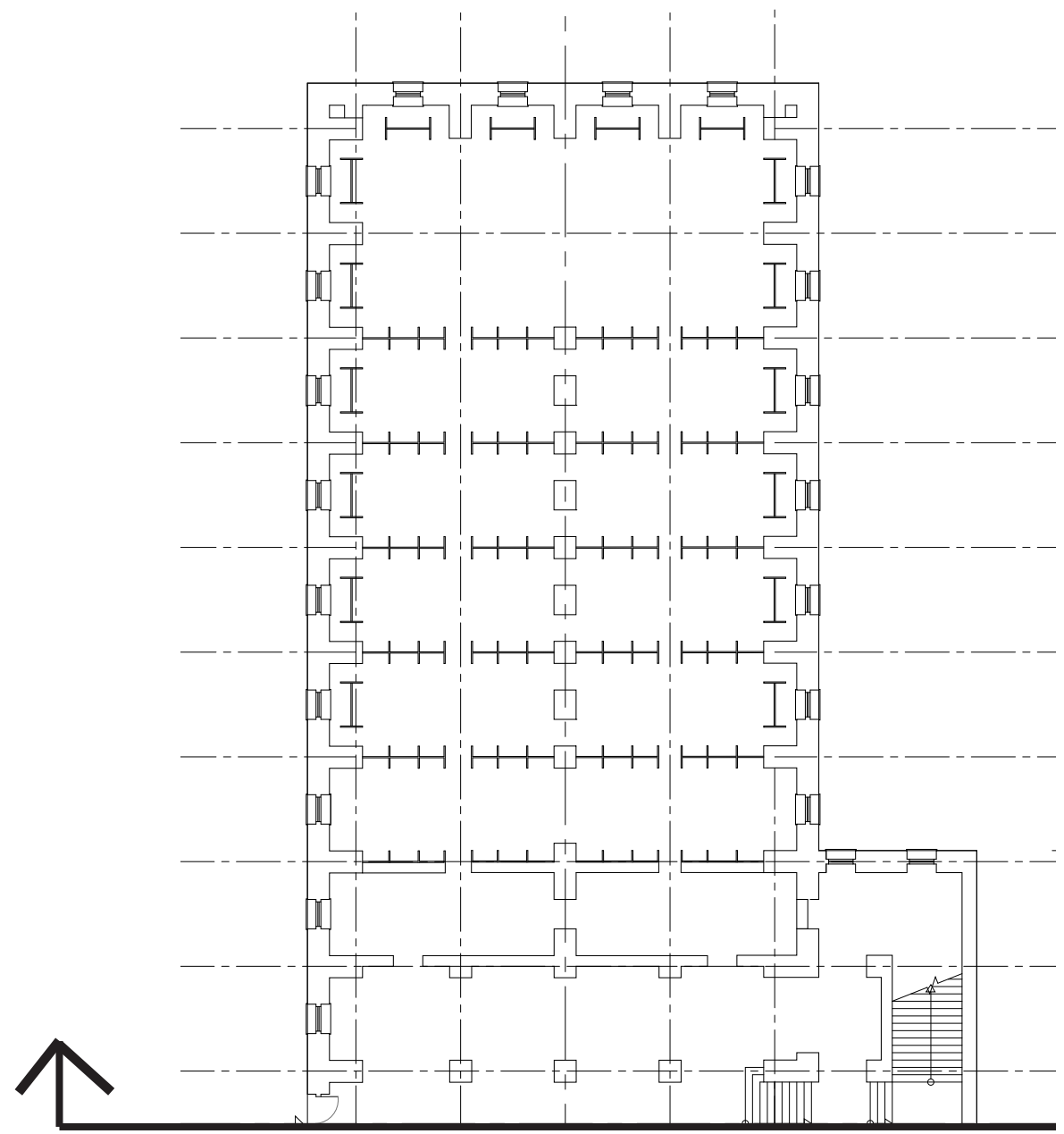
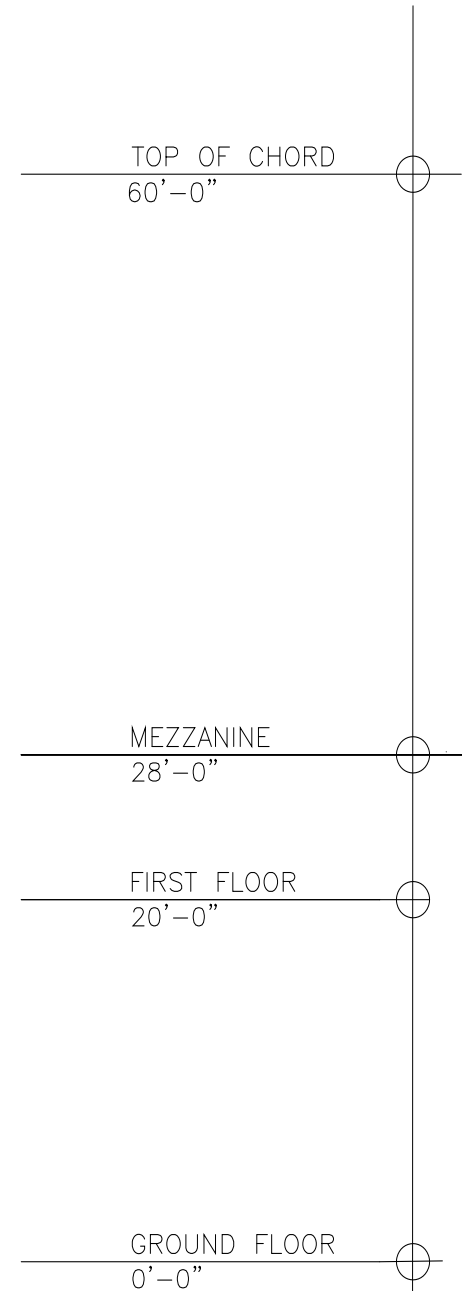
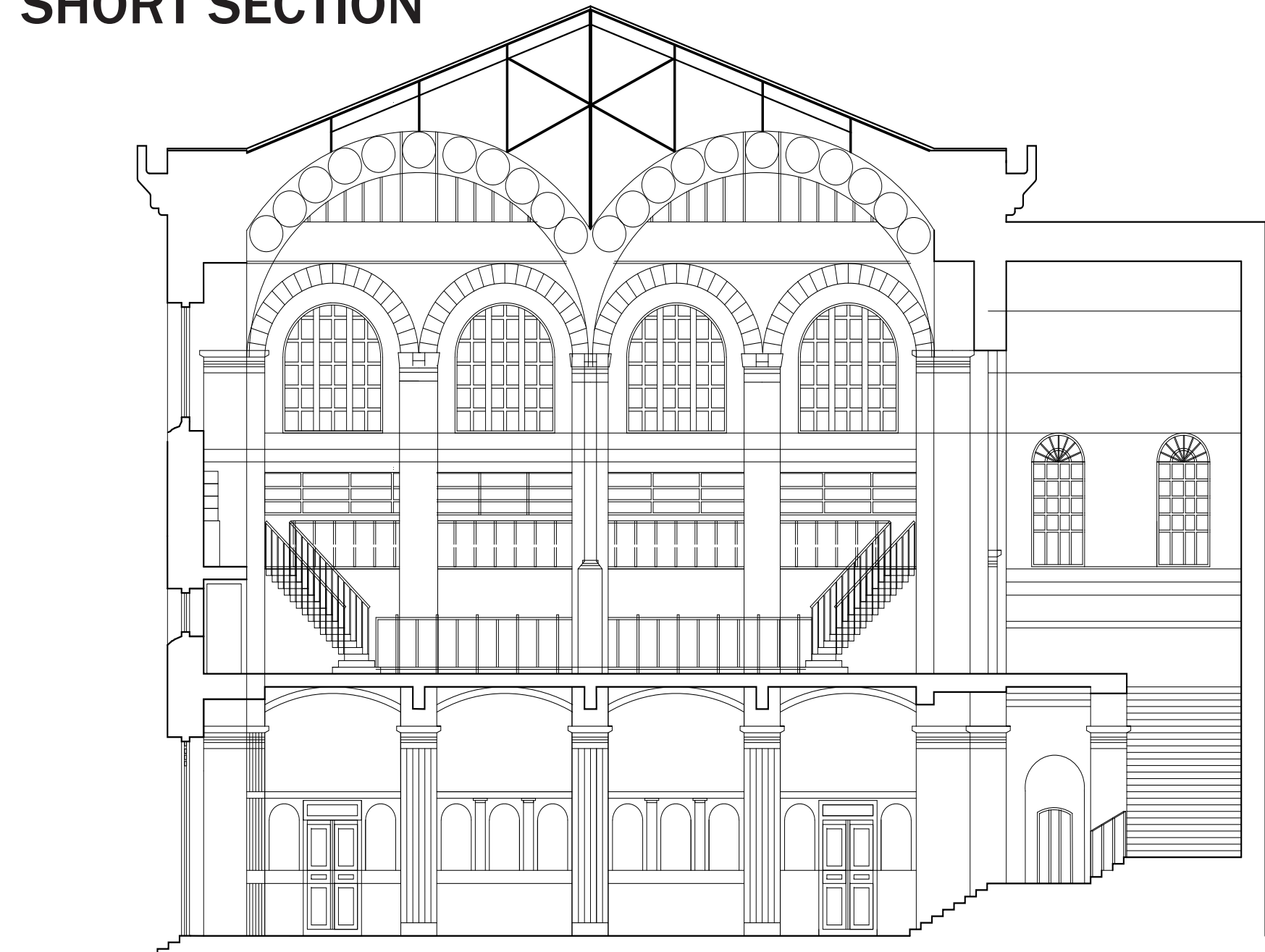
## FLOOR PLAN



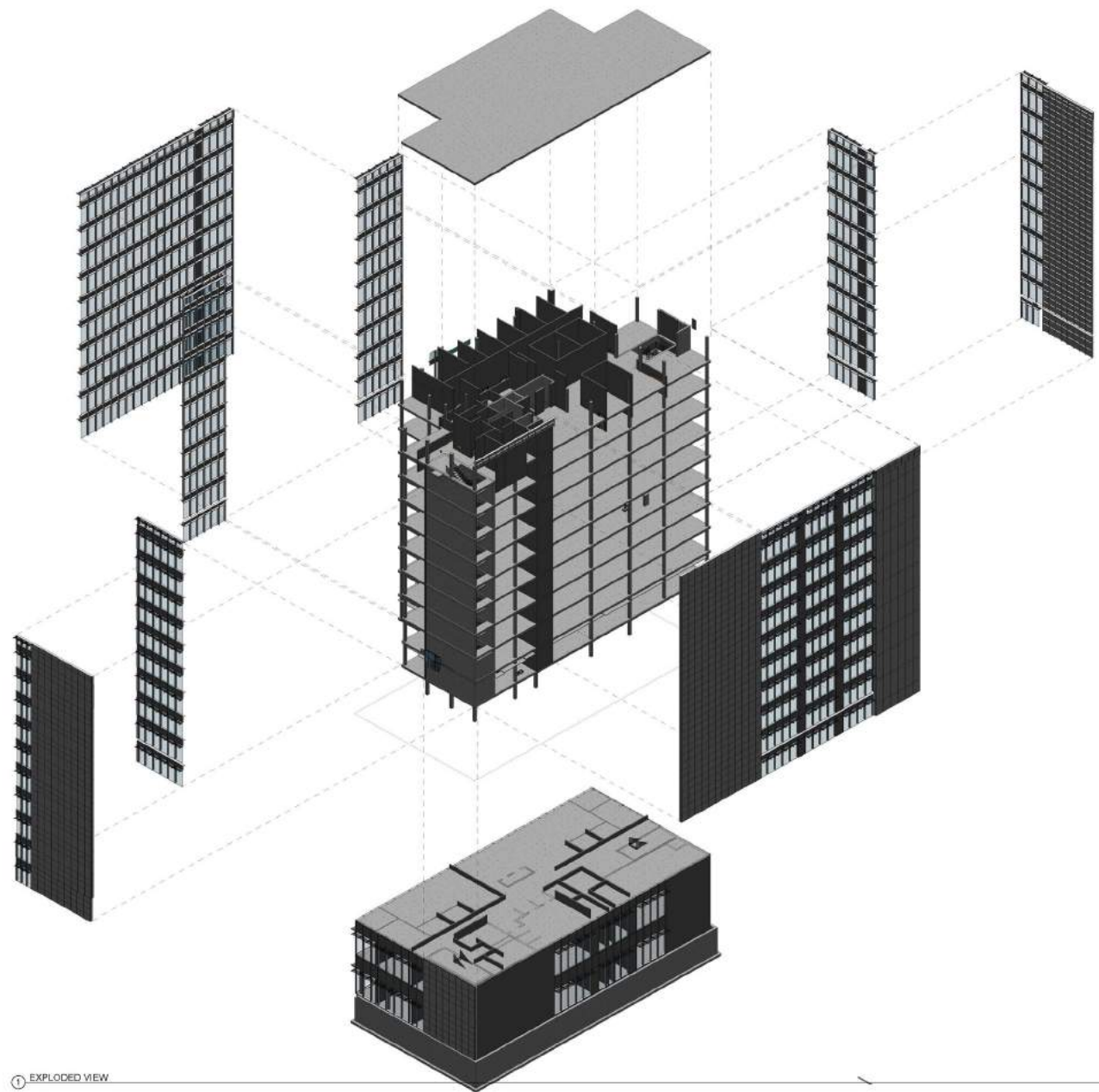
# LONG SECTION



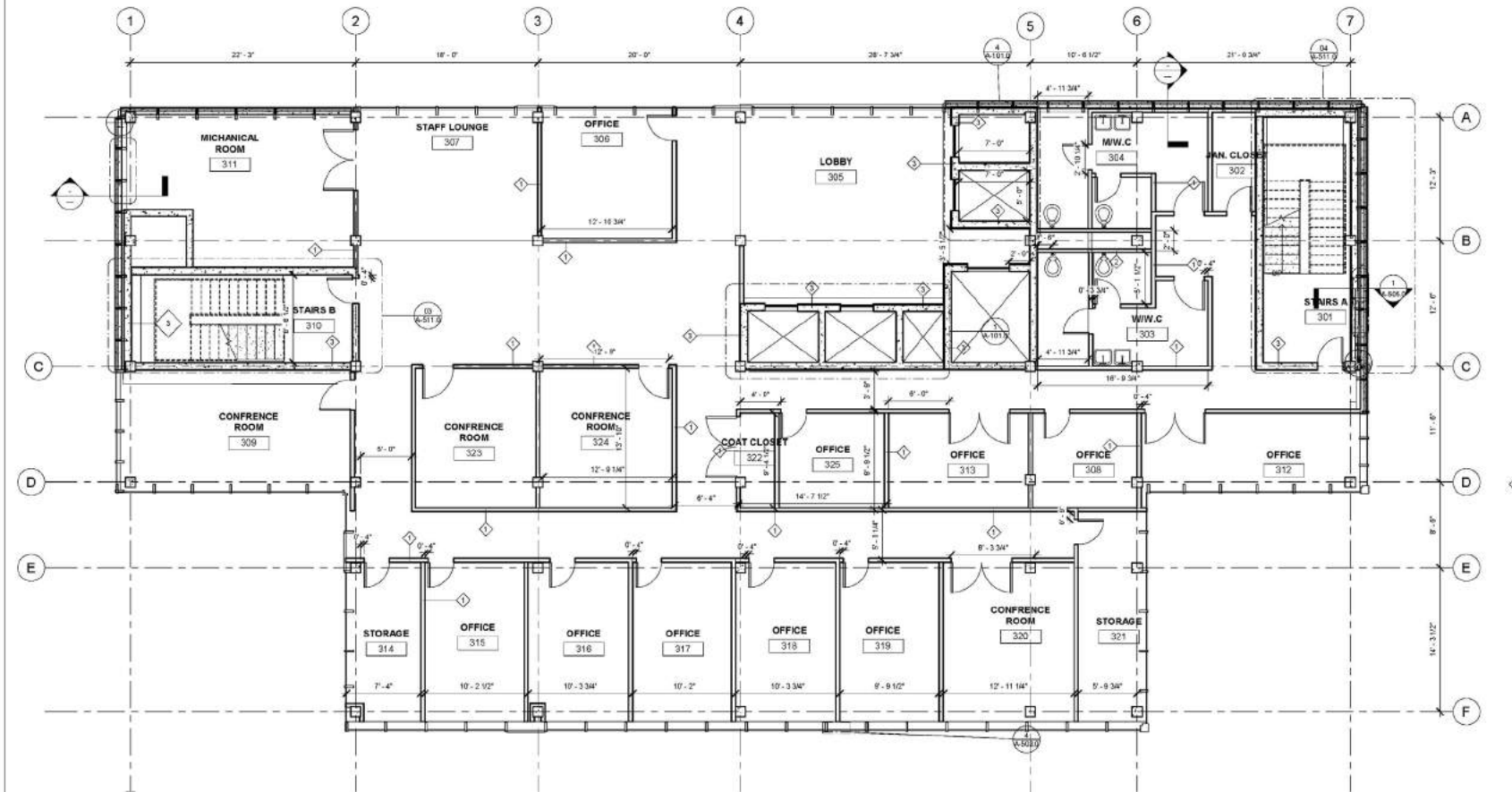
# SHORT SECTION



# COMMERCIAL BUILDING



1 EXPLODED VIEW



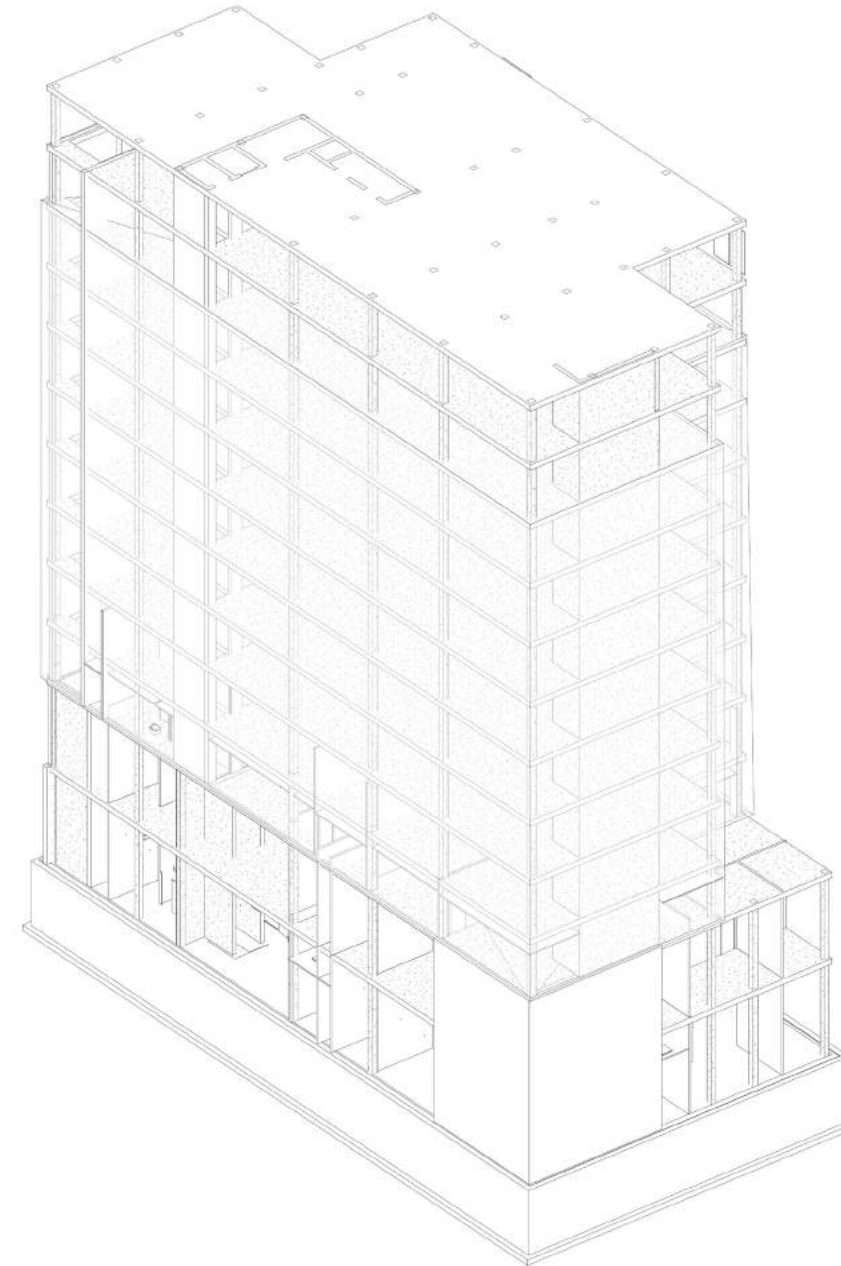
FLOOR PLAN





Sheet List	
Sheet Number	Sheet Name
G-100.00	COVER SHEET
G-101.00	ADA DIAGRAMS
G-102.00	SITE PLAN
S-100.0	FOUNDATION PLAN
S-101.0	GROUND/TYP FLOOR FRAMING PLAN
S-102.0	3D VIEW OF CONCRETE FRAME
A-100.0	GROUND/TYP FLOOR PLAN
A-101.0	ENLARGED CORE PLANS GROUND/TYP FLOOR
A-102.0	FINISH PLAN- GROUND/TYP FLOOR
A-200.0	REFLECTED CEILING PLANS- GROUND/TYP FLOOR
A-300.0	OVERALL ELEVATIONS NORTH
A-301.0	OVERALL ELEVATIONS SOUTH
A-302.0	OVERALL ELEVATIONS EAST AND WEST
A-400.0	3D EXPLODED BUILDING DIAGRAM
A-501.0	CURTAIN WALL DETAIL @ BASE
A-502.0	CURTAIN WALL DETAIL @ SLAB
A-503.0	CURTAIN WALL DETAIL @ ROOF
A-504.0	CURTAIN WALL ANALYSIS
A-505.0	ENLARGED PRECAST CONC ELEVATION + WALL SECTION
A-506.0	PRECAST CONCRETE WALL DETAIL @ BASE
A-600	OUTLINE SPECIFICATIONS
A-500.0	ENLARGED CURTAIN WALL ELEVATION + WALL SECTION
A-507.0	PRECAST CONCRETE WALL DETAIL @ SLAB
A-508.0	PRECAST CONCRETE WALL DETAIL @ ROOF
A-509.0	PRECAST CONCRETE ANALYSIS
A-510.0	PARTITON TYPES
A-511.0	ENLARGED STAIR PLANS AND SECTIONS

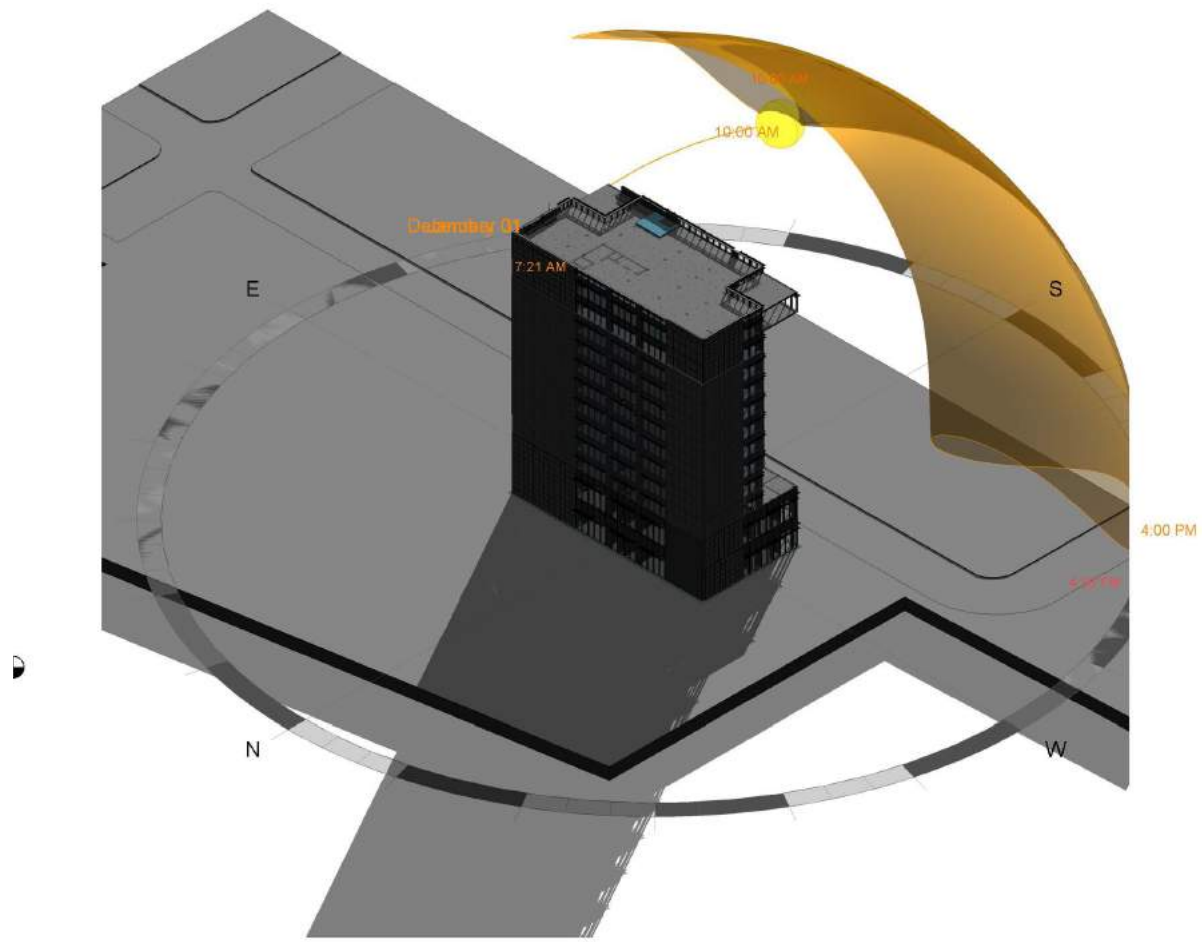
A commercial Building has 12 levels. the first two levels have a shopping area. from 3-12 floor have offices.-



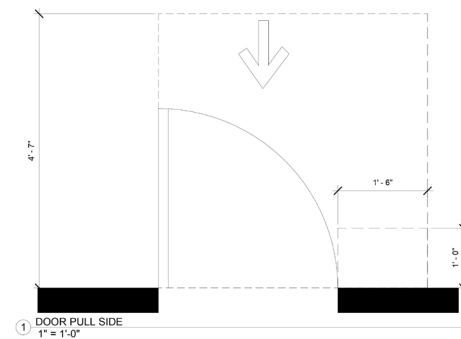
1 AXON-VIEW



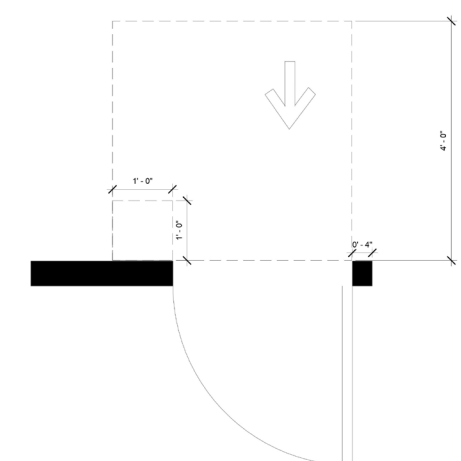
2 BOTTOM VIEW



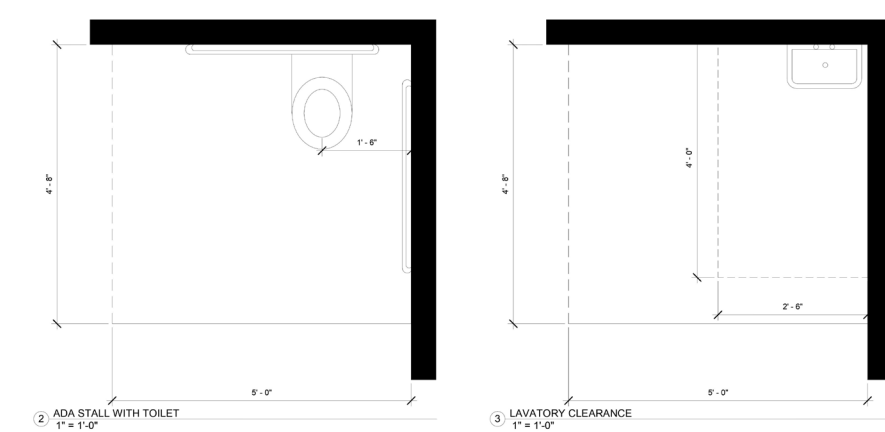
② NORTH SUN DIAGRAM  
1" = 1'-0"



① DOOR PULL SIDE  
1" = 1'-0"

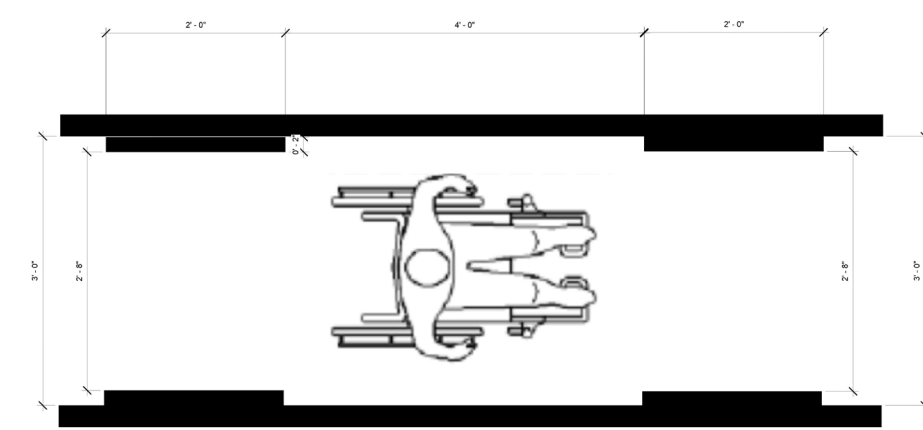


④ DOOR PUSH SIDE  
1" = 1'-0"



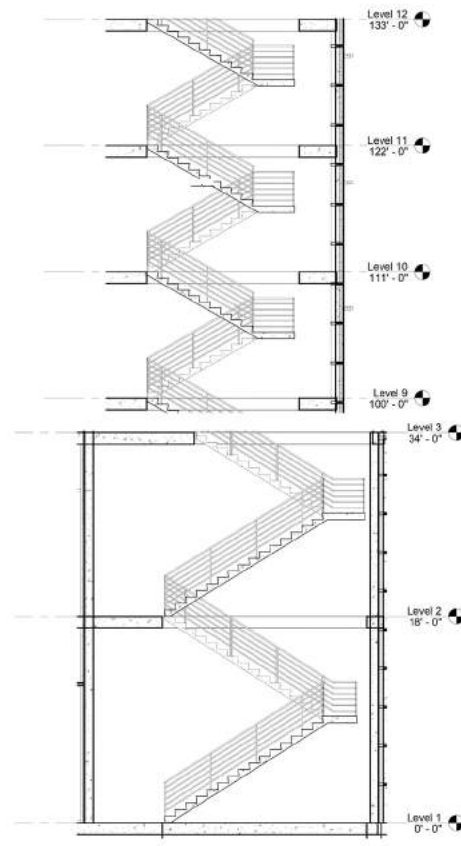
② ADA STALL WITH TOILET  
1" = 1'-0"

③ LAVATORY CLEARANCE  
1" = 1'-0"

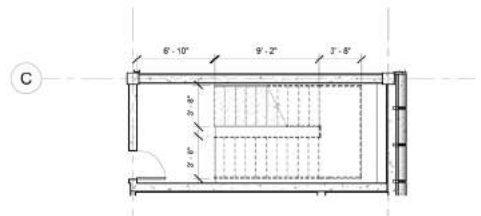


⑤ CORRIDOR WIDTH  
1 1/2" = 1'-0"

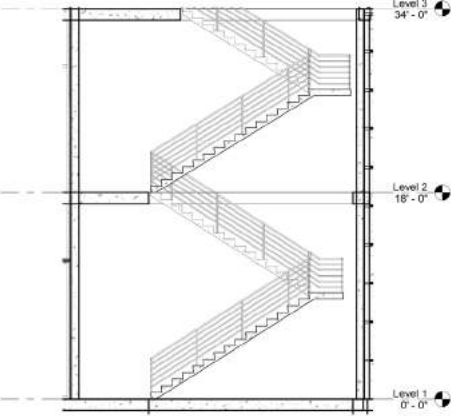
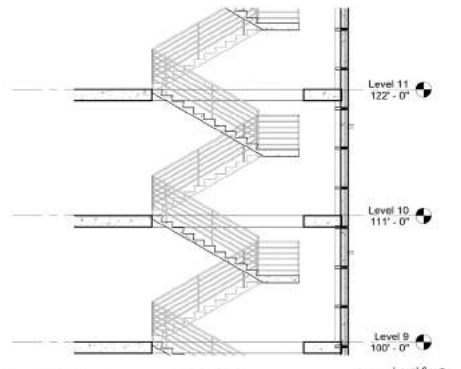




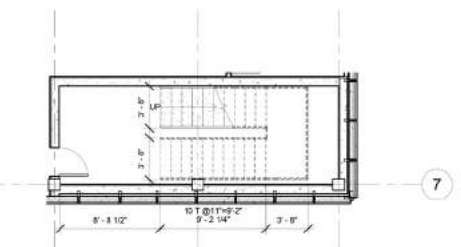
01 SECTION STAIRS A LEVEL 1-3  
3/16" = 1'-0"



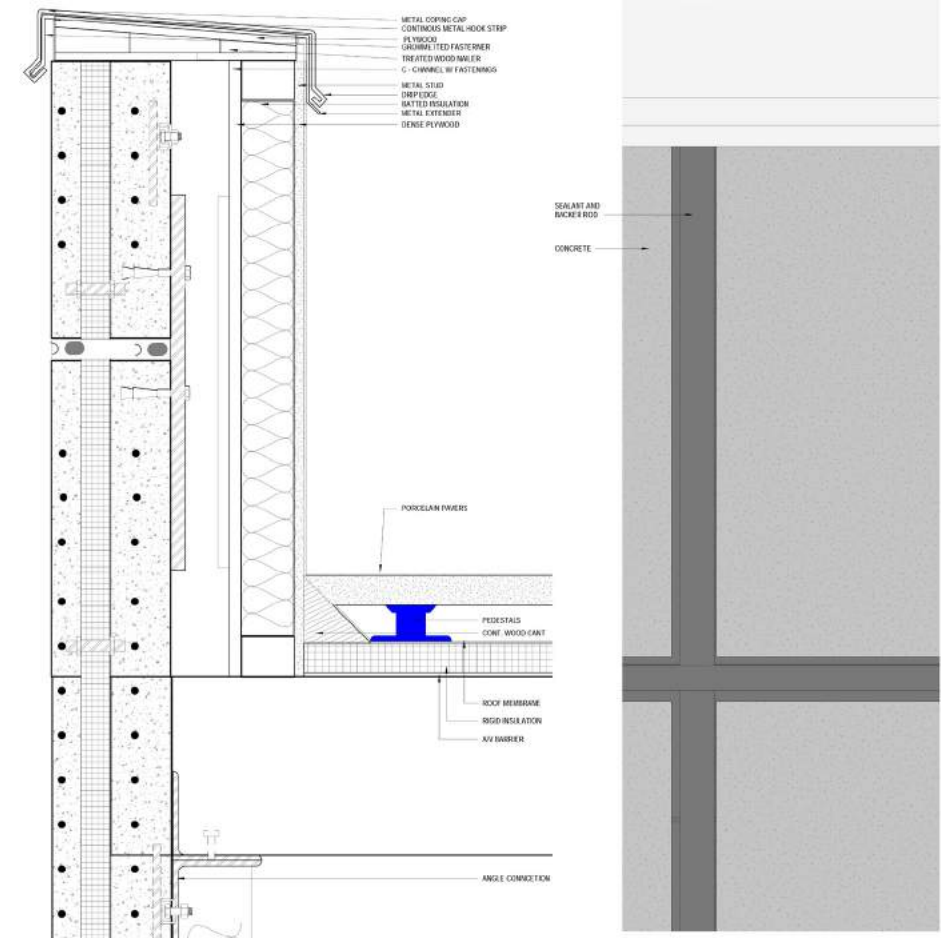
02 PLAN STAIRS A  
3/16" = 1'-0"



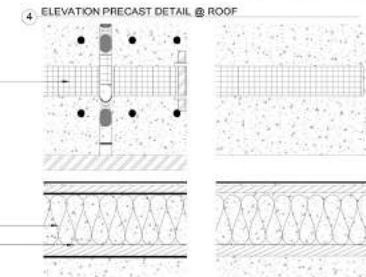
03 SECTION STAIRS B LEVEL 1-3  
3/16" = 1'-0"



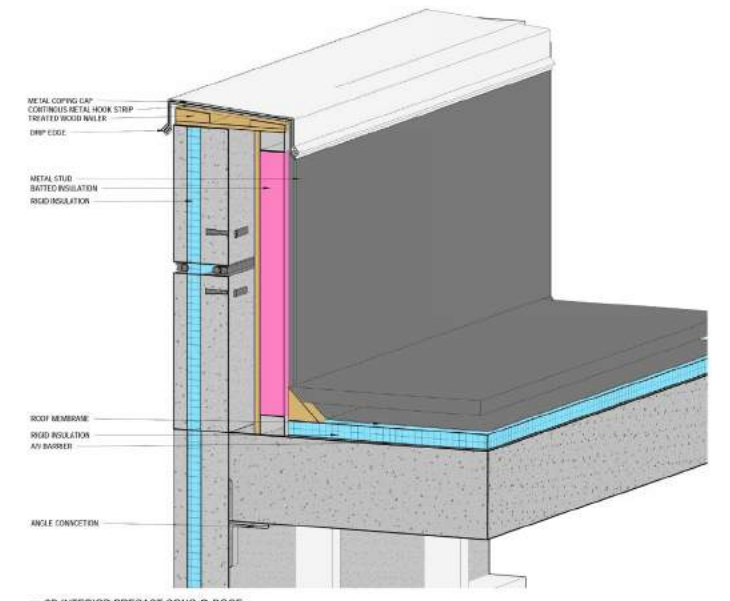
04 PLAN STAIRS B  
3/16" = 1'-0"



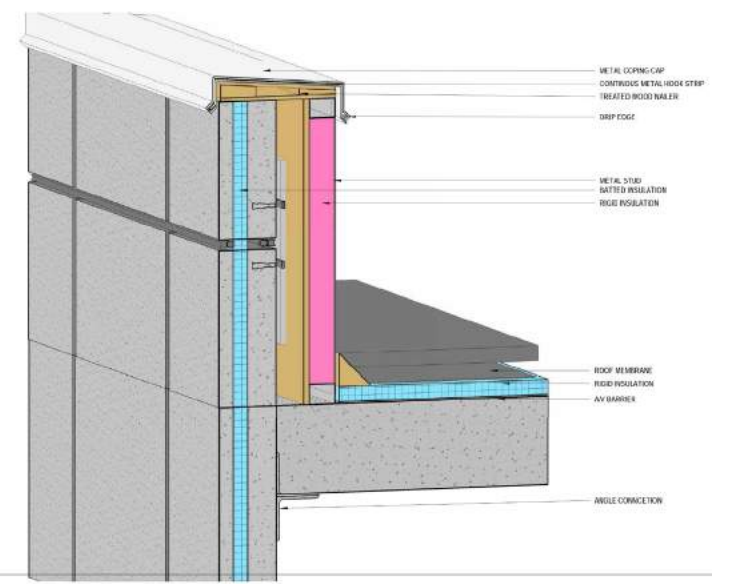
05 SECTION PRECAST CONC @ ROOF  
3" = 1'-0"



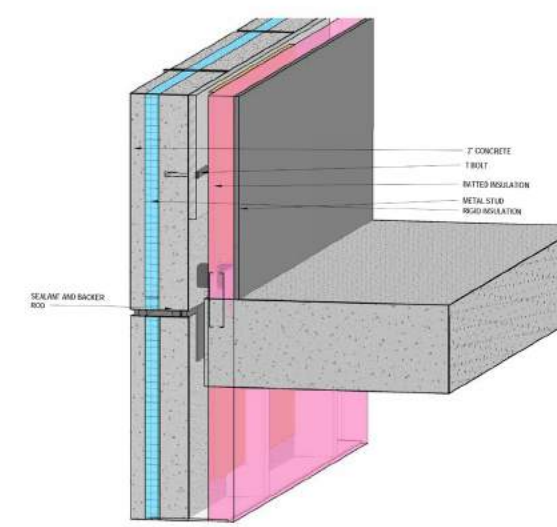
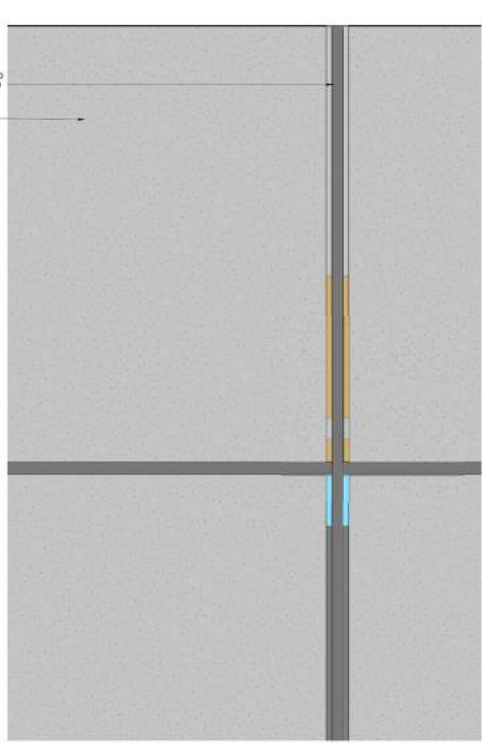
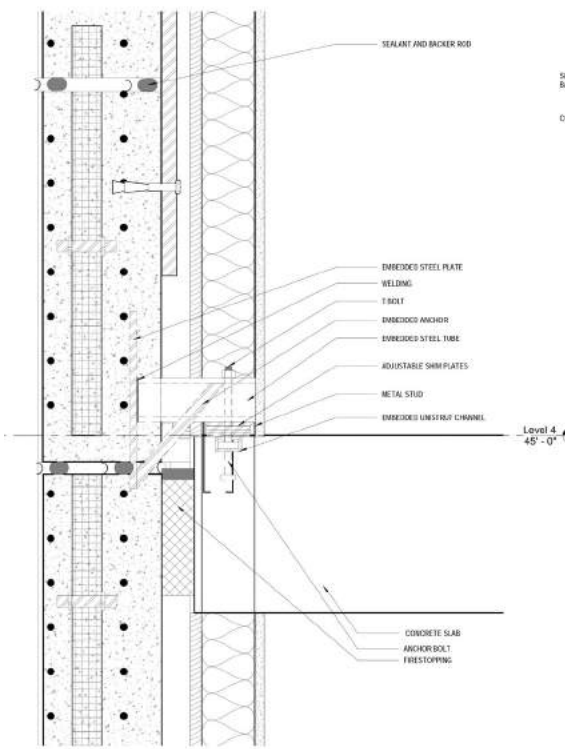
06 PLAN ROOF DETAILS  
3" = 1'-0"



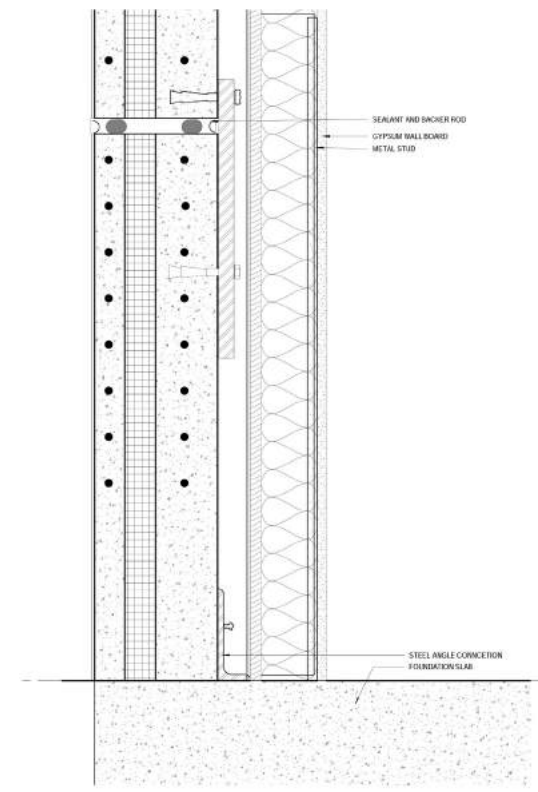
07 3D INTERIOR PRECAST CONC @ ROOF



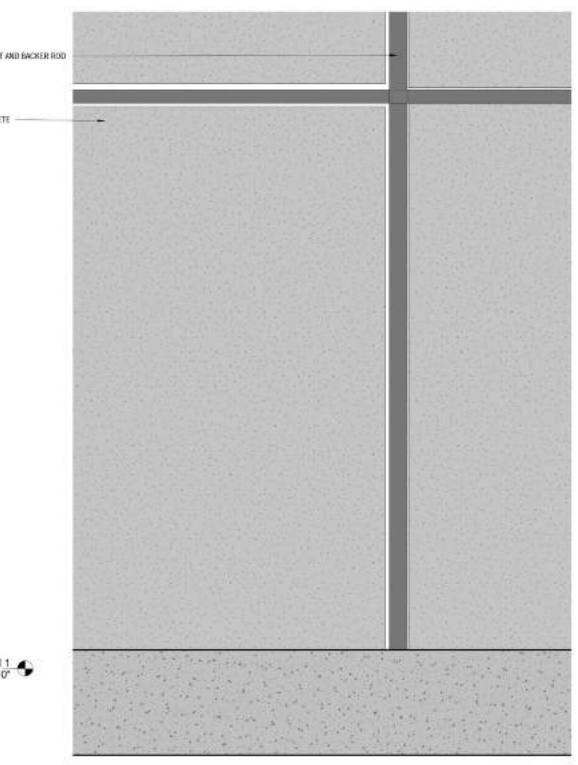
08 3D INTERIOR PRECAST CONC @ ROOF



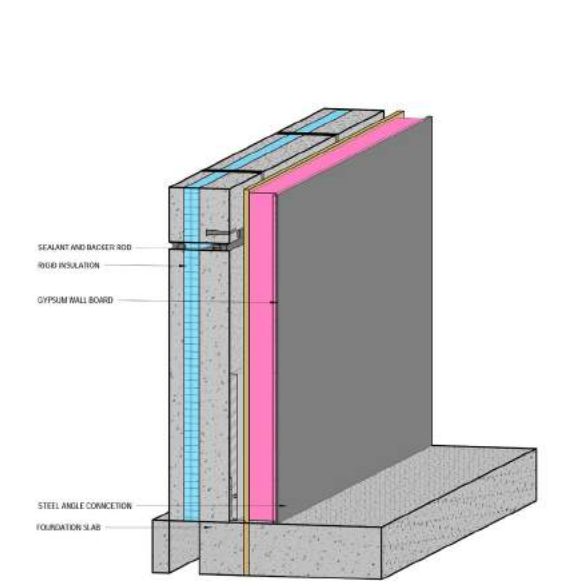
3D INTERIOR PRECAST DETAILS @ SLAB



SECTION PRECAST DETAILS @ BASE 3" = 1'-0"



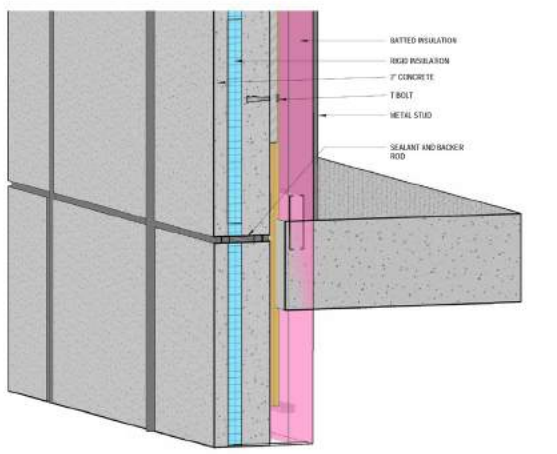
4 ELEVATION PRECAST DETAILS @ BASE



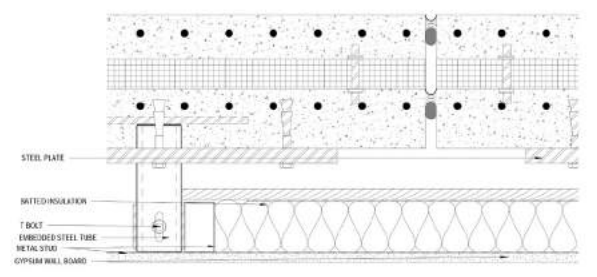
2 INTERIOR PRECAST DETAILS @ BASE

2 PRECAST SECTION @ SLAB 3" = 1'-0"

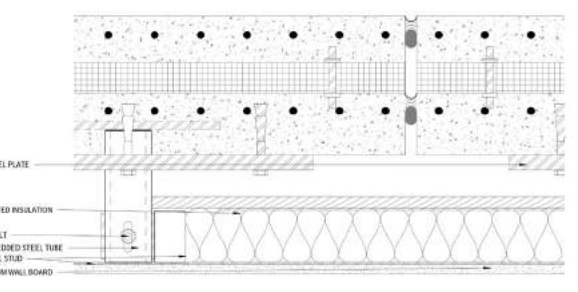
5 ELEVATION PRECAST DETAILS @ SLAB



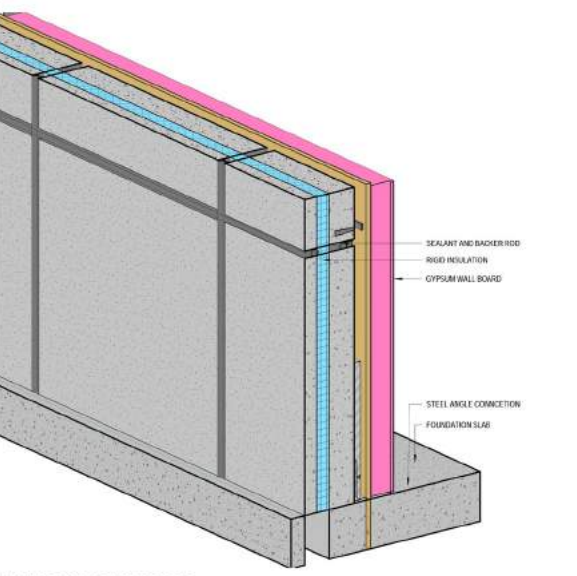
3D EXTERIOR PRECAST DETAILS @ SLAB



4 PLAN- PRECAST CONC @ SLAB 3" = 1'-0"



5 PLAN- PRECAST CONC @BASE Details 3" = 1'-0"



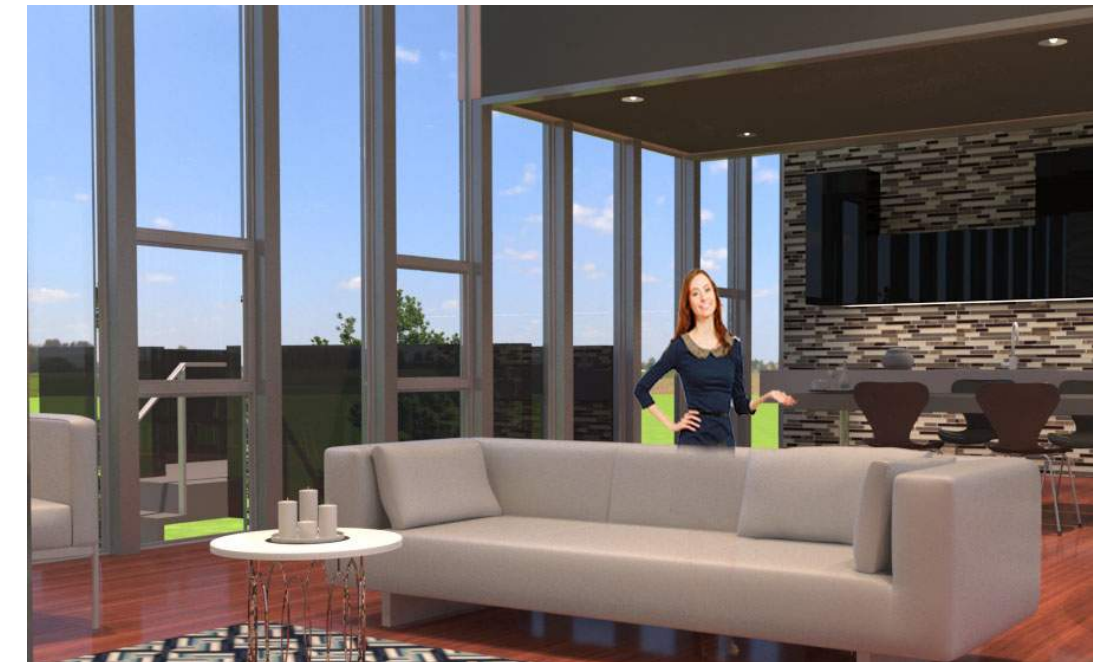
3 EXTERIOR PRECAST DETAILS @ BASE

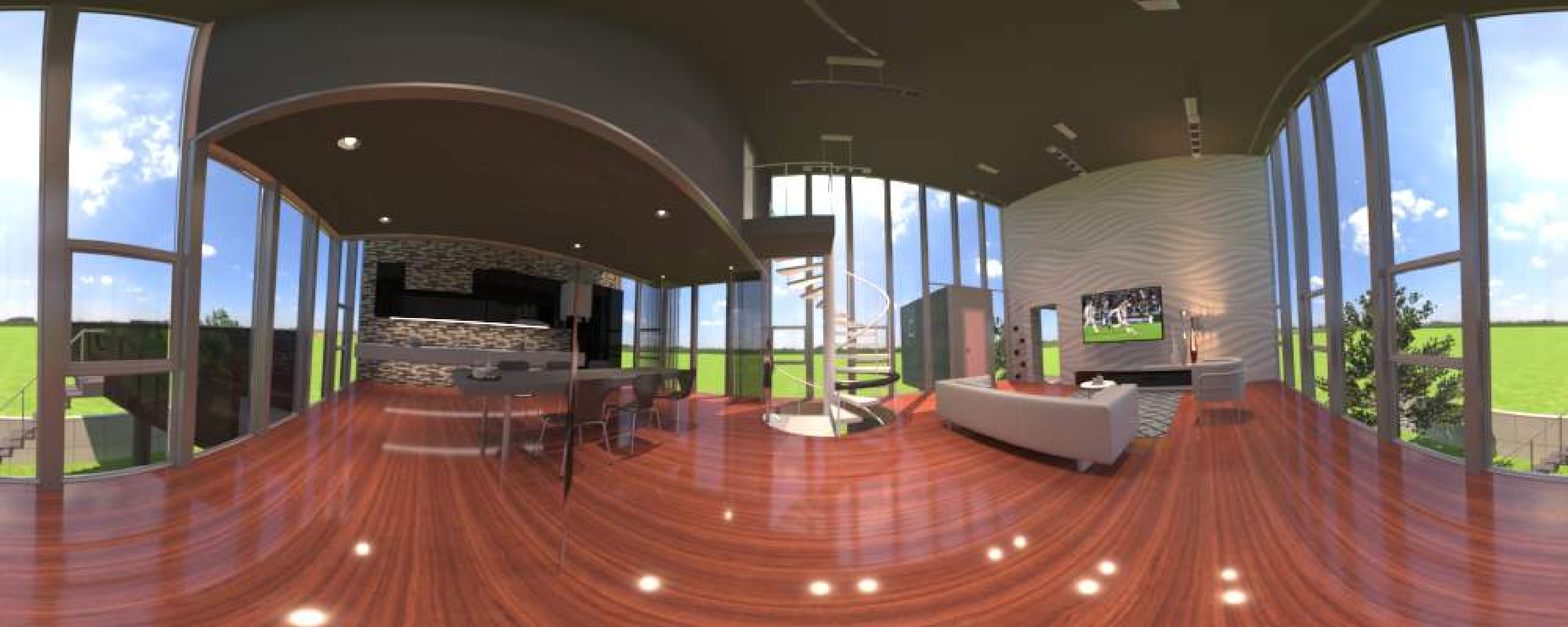


# HOUSE



This house I added an exterior and interior materials. also I added furnture to give sense of reality.







# UPCYCLE GALLERY

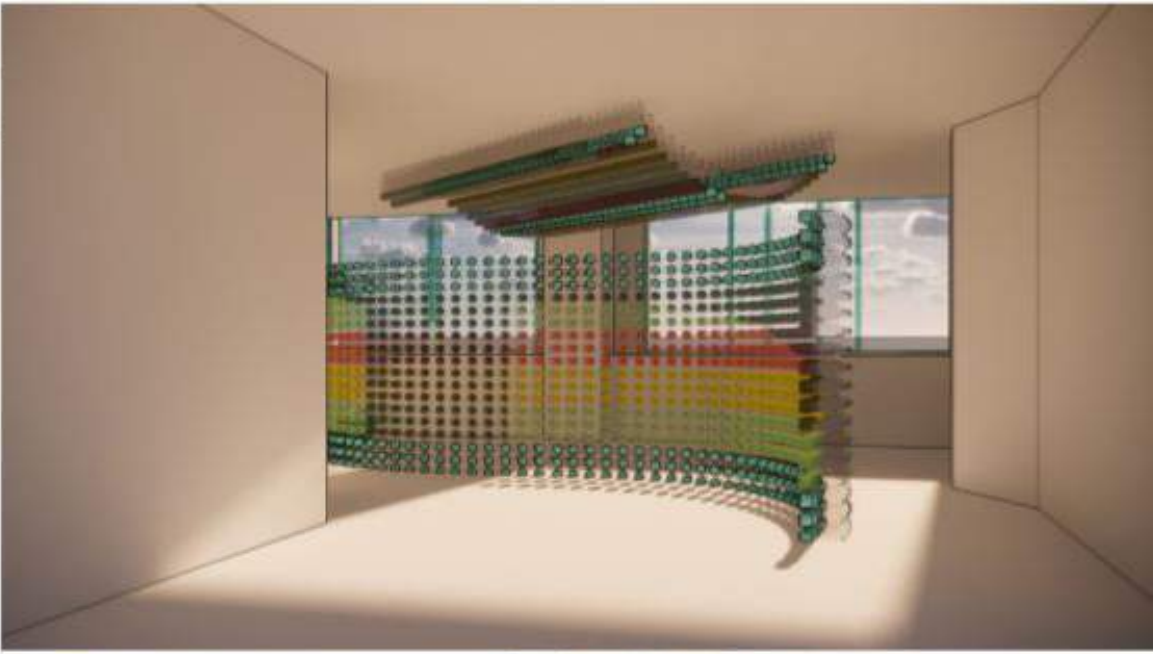
## UPCYCLE GALLERY

-FOR THE PROJET WE WERE GIVEN A BUDGET OF 200

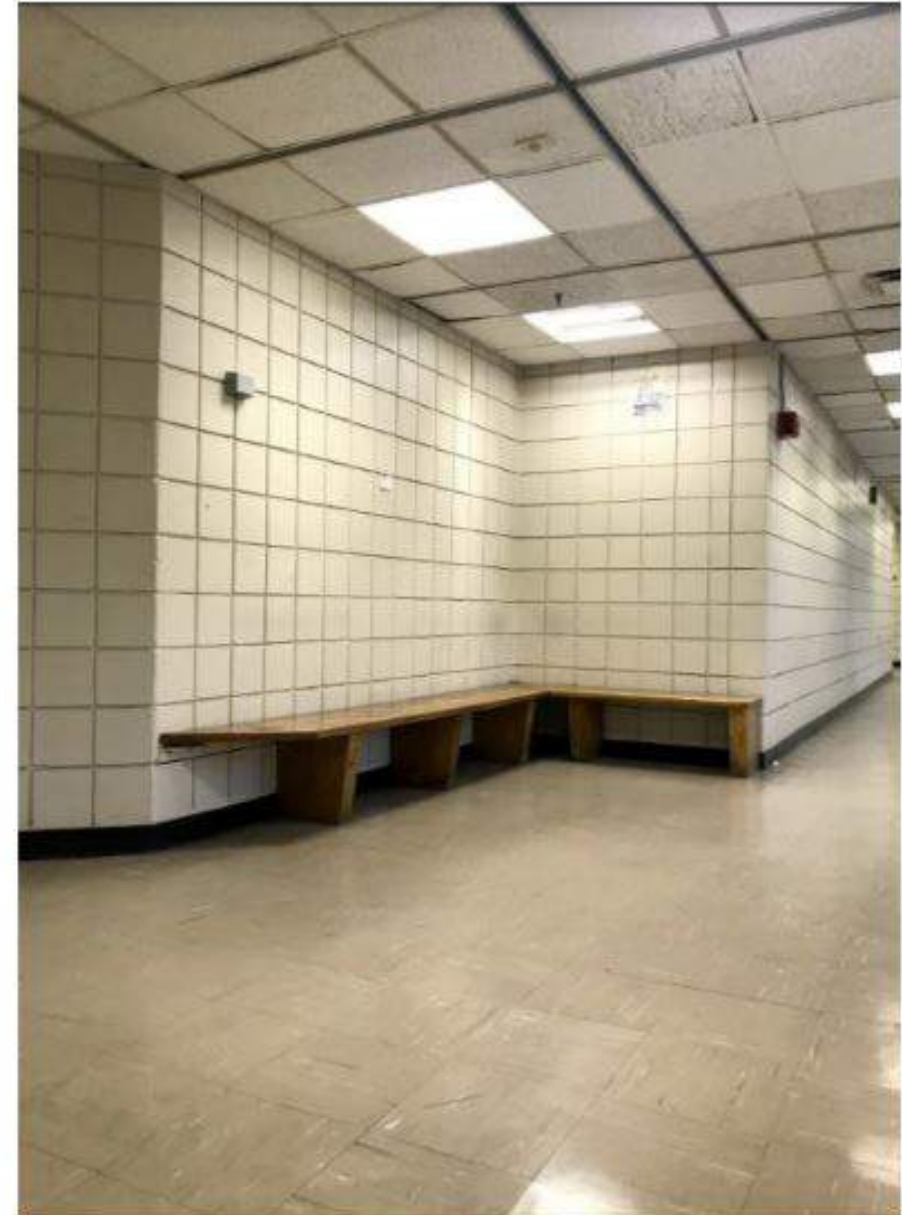
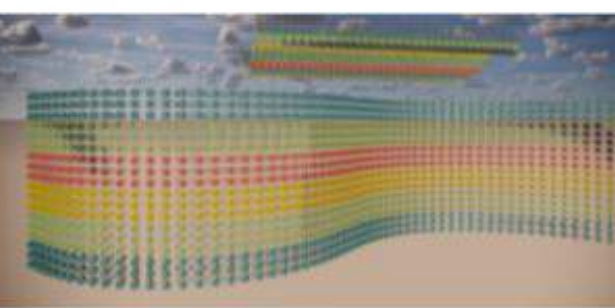
-THE ENVIORNMENT IN THE WORLD IS SUFFERING, AND WE WANTED TO USE A MATERIAL THAT IS EASY TO ACCESS AND COST ALMOST NO MONEY.

-WATER BATTLE WAS OBJECT THAT WE CHOSE, SO WE DECIDED TO UPCYCLE THE WATER BOTTLES TO EXPAND THE LIFE OF THE PLASTIC BOTTLES.

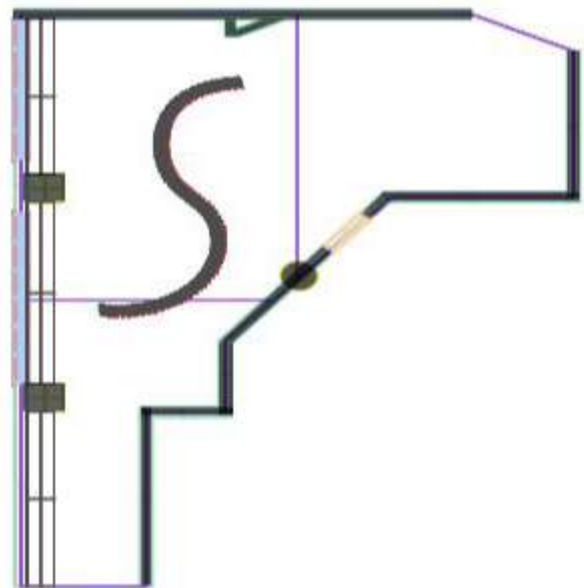
### IDEA



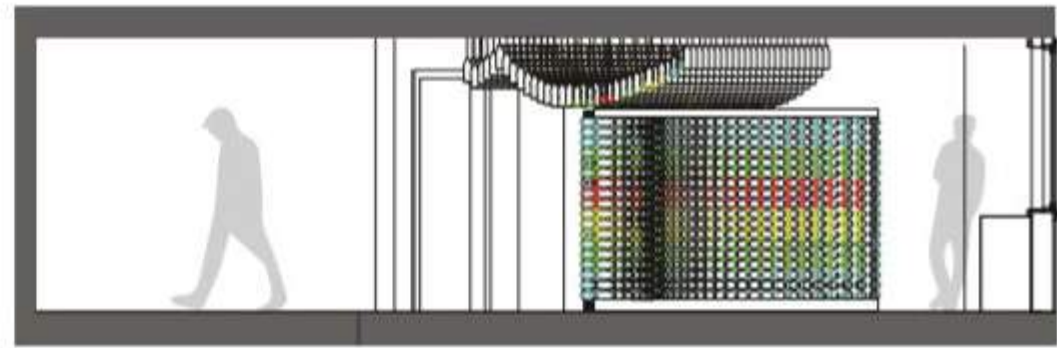
BUDGETING (TOTAL):	
Plastic Bottle	FREE (Collect from st
Natural color dye	
Threaded wire	
Natural Disinfectant: (Baking soda, Vinegar, Lemon)	
Others	



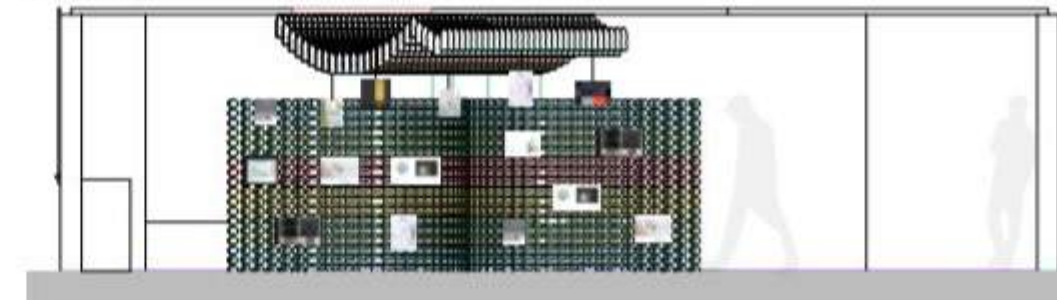




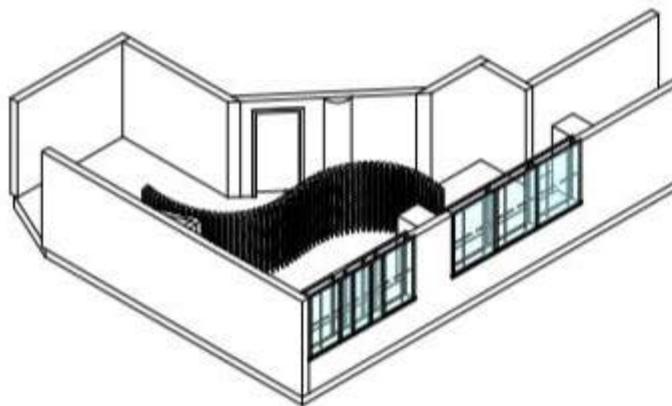
FLOOR PLAN



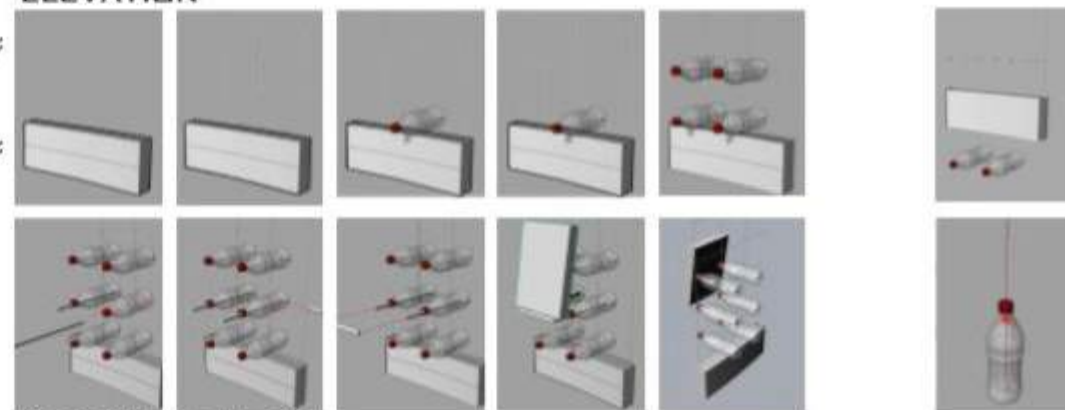
SECTION



ELEVATION



AXON DRAWING



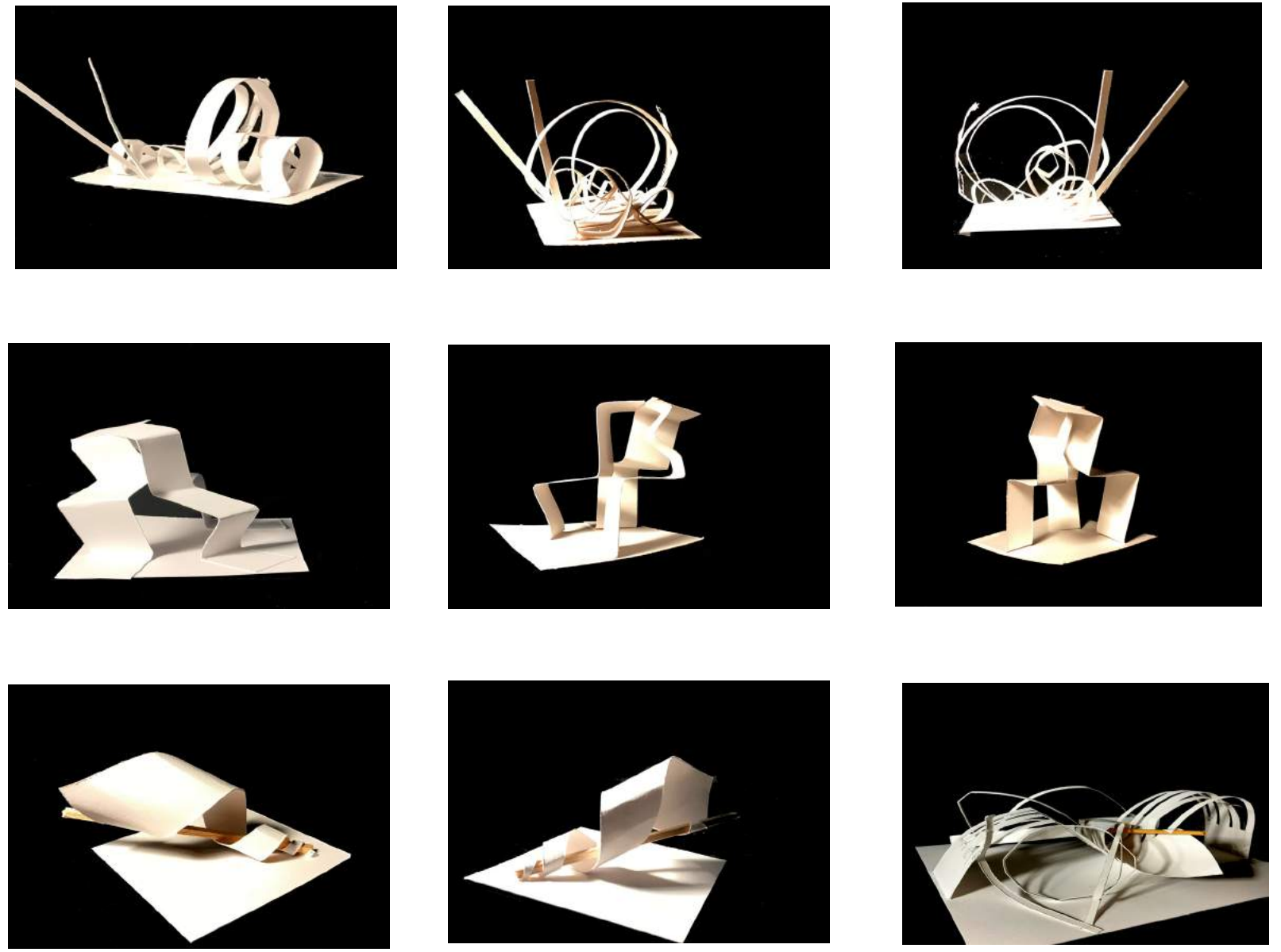
ASSEMBLY DETAIL



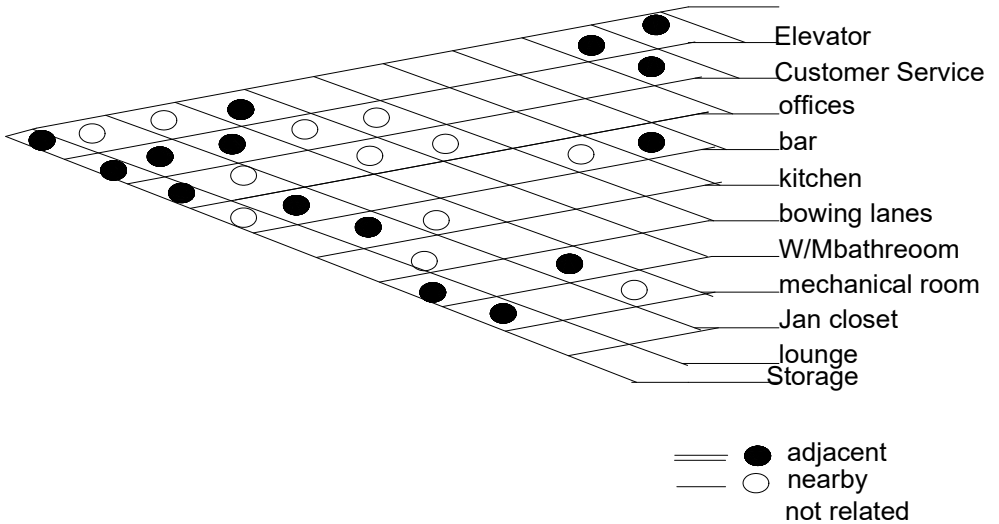
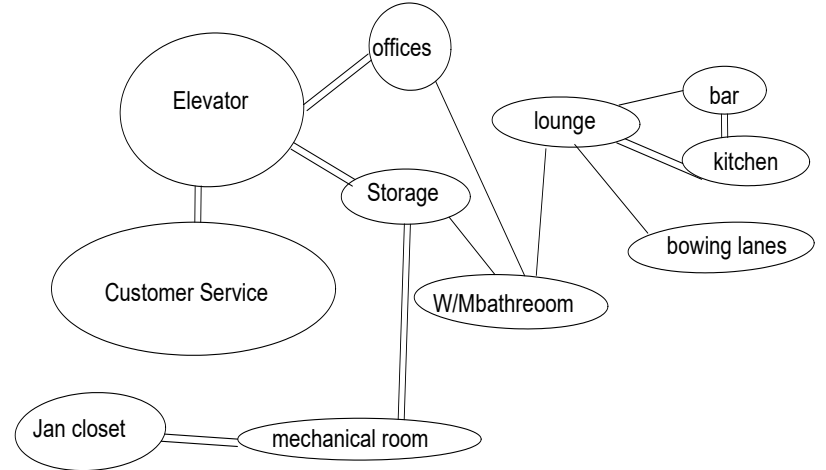
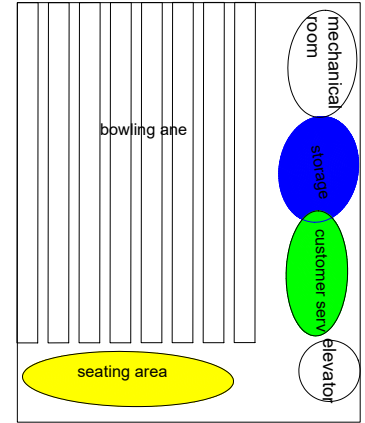
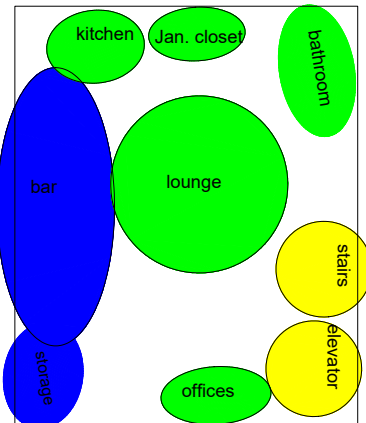
DUMBO LANES 16 Main street,  
Brooklyn NY 11201



Concept Models



# Programs



# Final model



A bowling alley is a facility where the sport of bowling is played. Bowling alleys contain long and narrow synthetic or wooden lanes

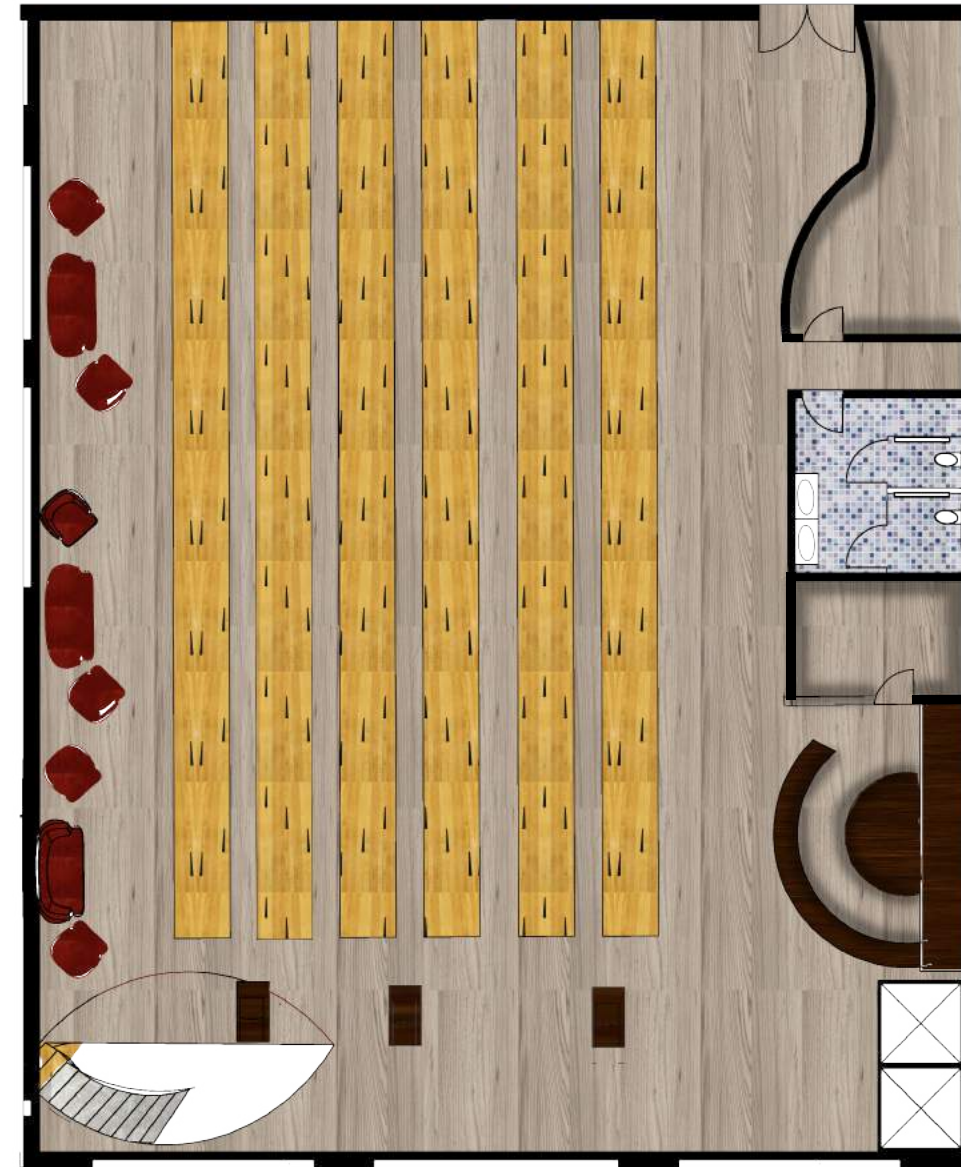




# FIRST FLOOR PLAN

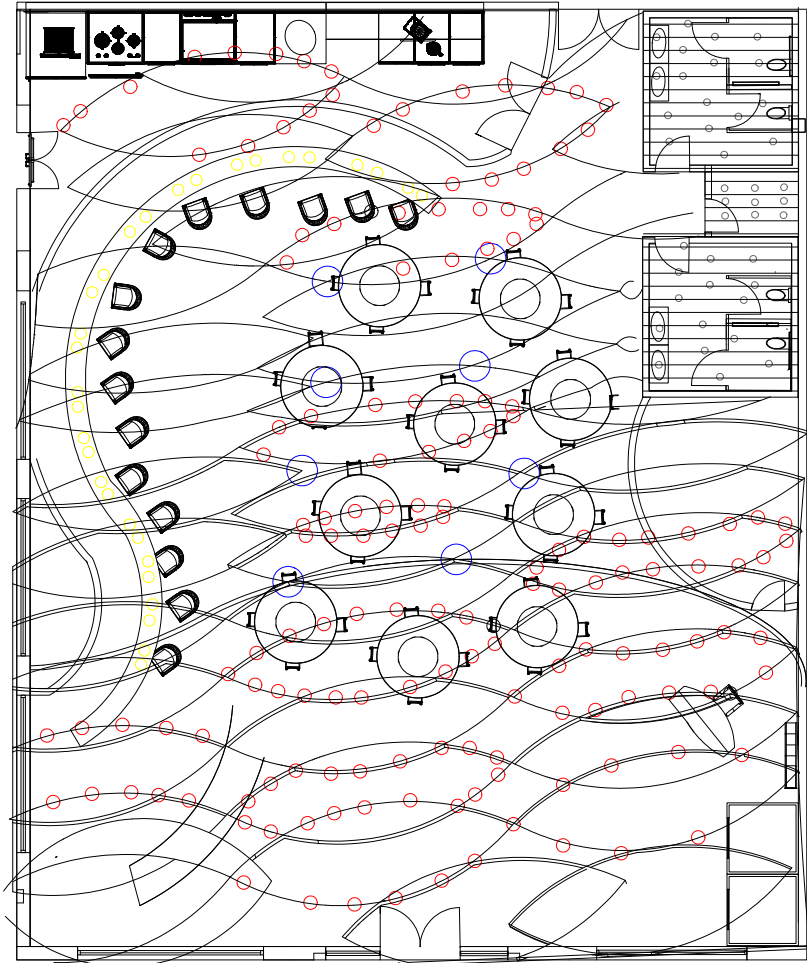


# SECOND FLOOR PLAN





# REFLECTED CEILING PLAN



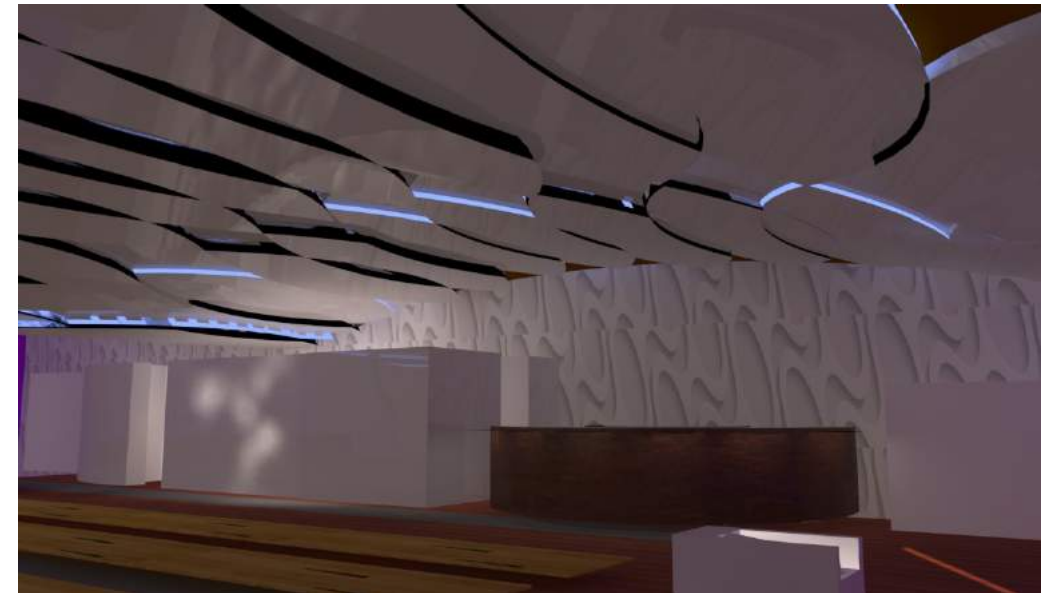
○ spot light



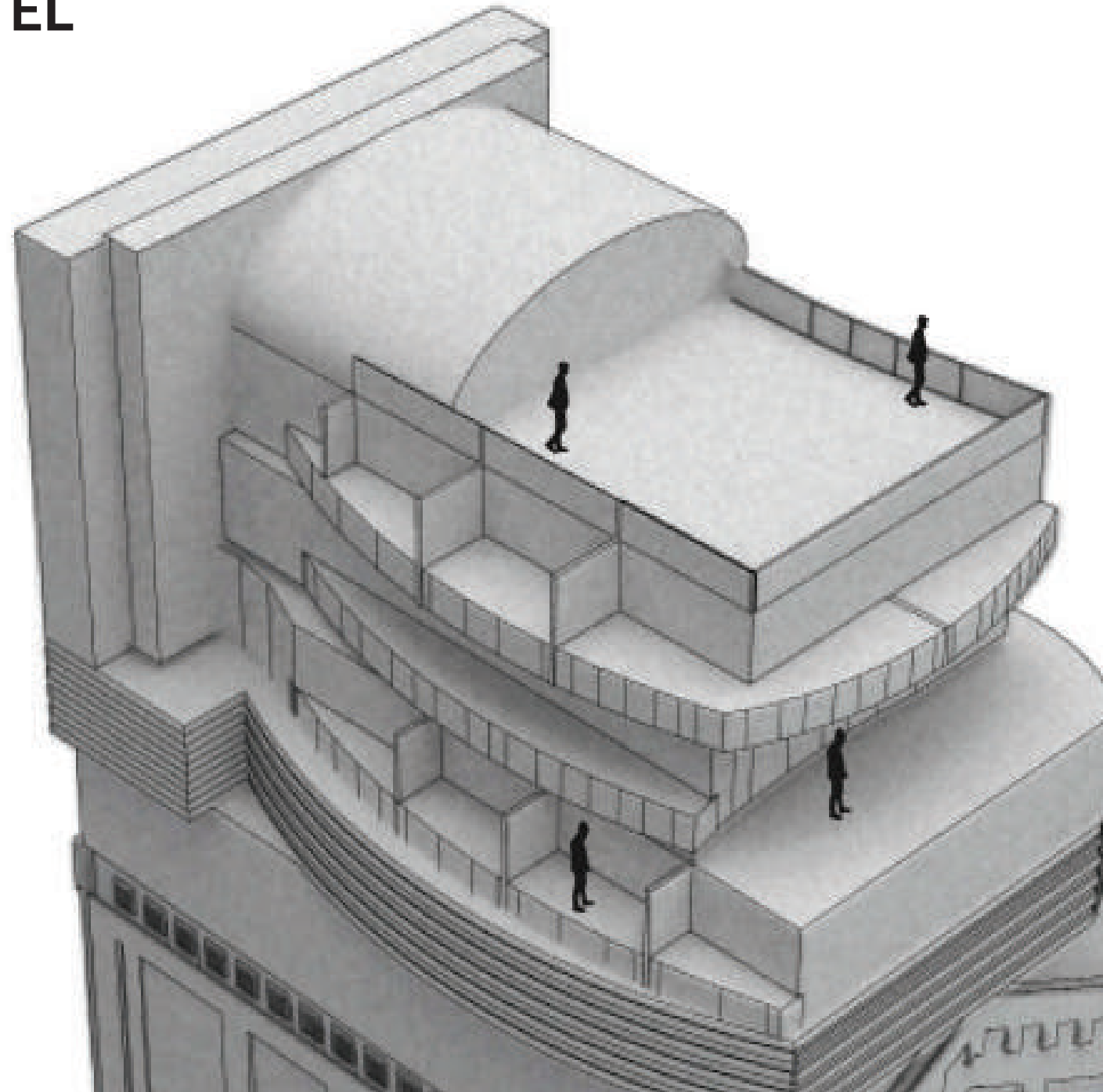
○ spiral light



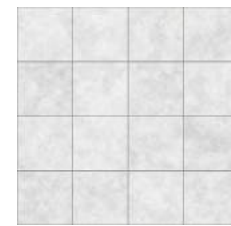
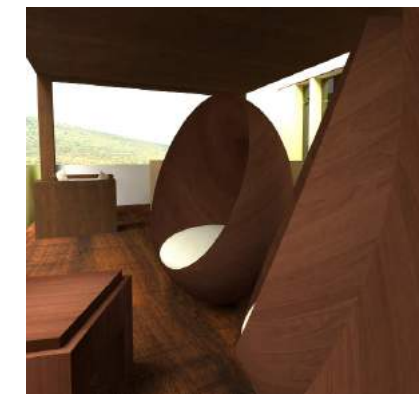
○ lamps light



# HOSTEL



## Floor Plans of the lounge





# Second floor



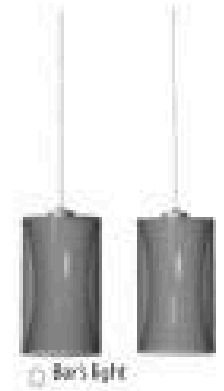
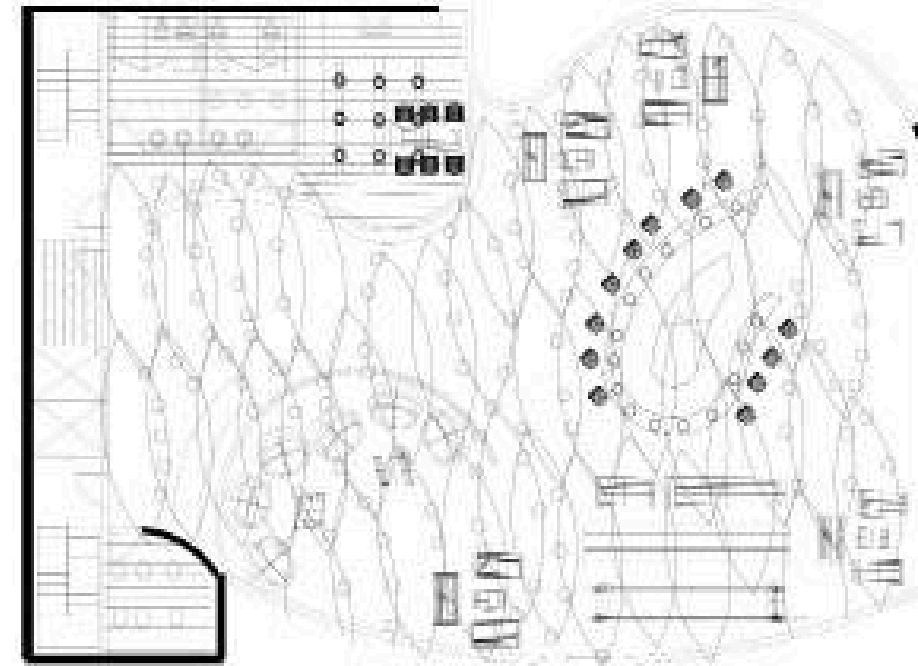
- 8 Beds
- 6 Beds
- 4 Beds
- Storage

Room Types:  
 Per Floor :  
 8 Bed : 4  
 6 Beds : 5  
 4 Beds : 1  
 Private ; 0

Per Building  
 8 Beds : 4  
 6 Beds : 5  
 4 Beds ; 9  
 Private : 12  
 Total Beds : 110

The hostel has 5 floors . the first floor is gathering area . the second , third and fourth floor have bedrooms also there are private bed rooms. the fifth floor has an open space.

# RCP of the lounge

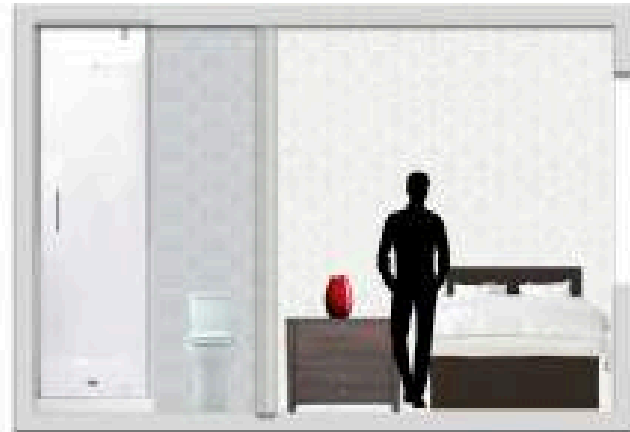
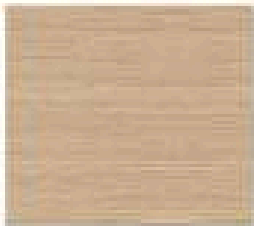
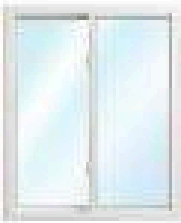
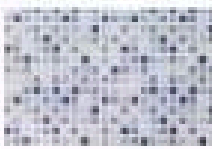
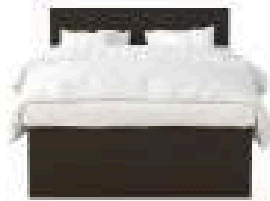




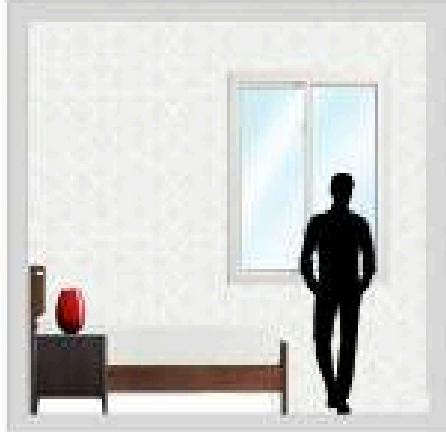
# typical private bedroom



Floor plan

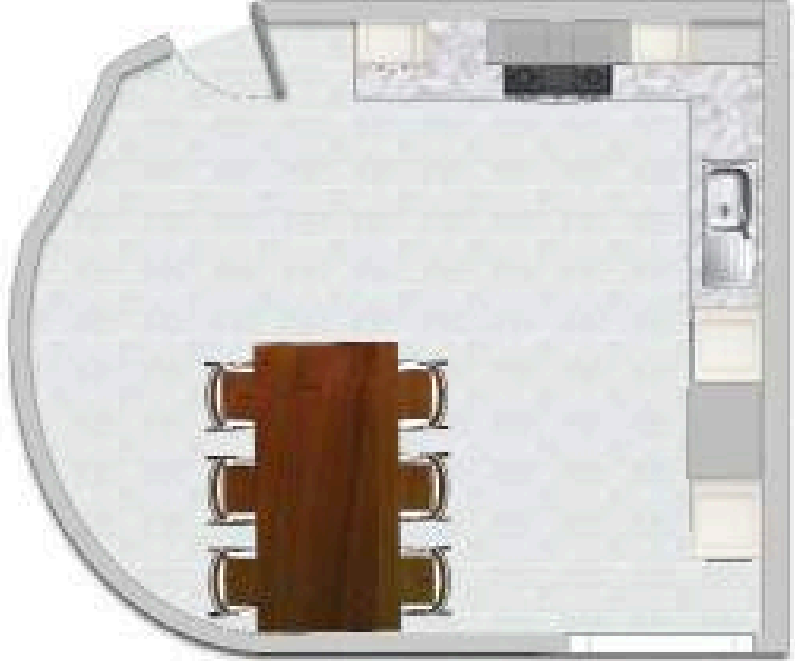


Section A

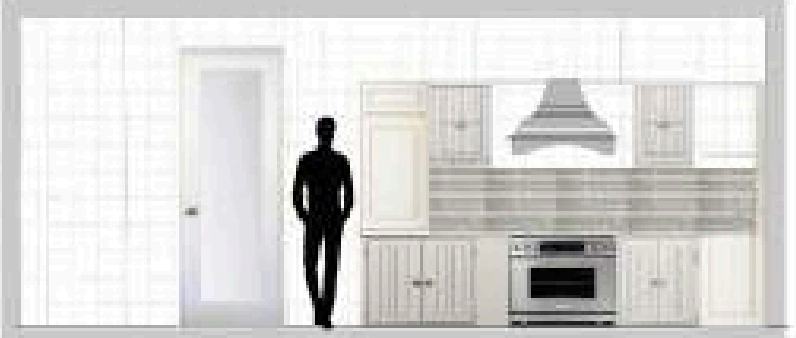
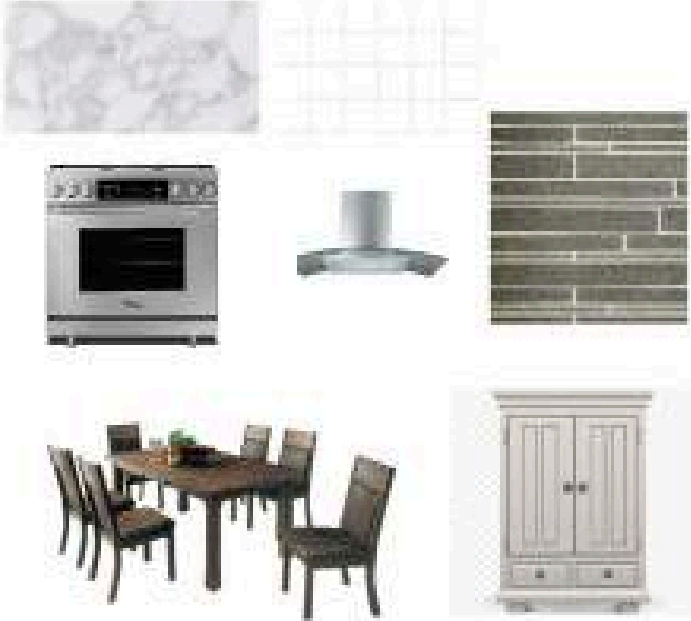


Section B

# Kitchen floor plan



Floor plan



Section A

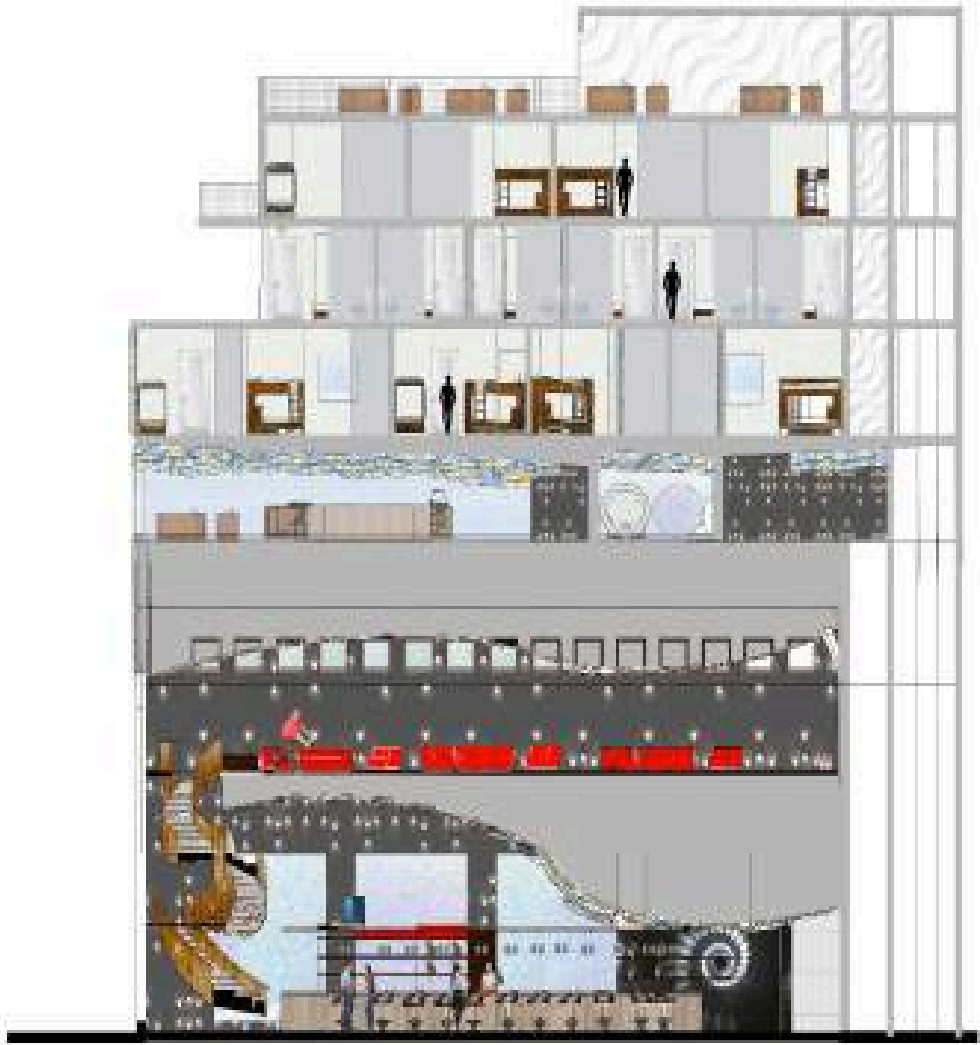


Section B

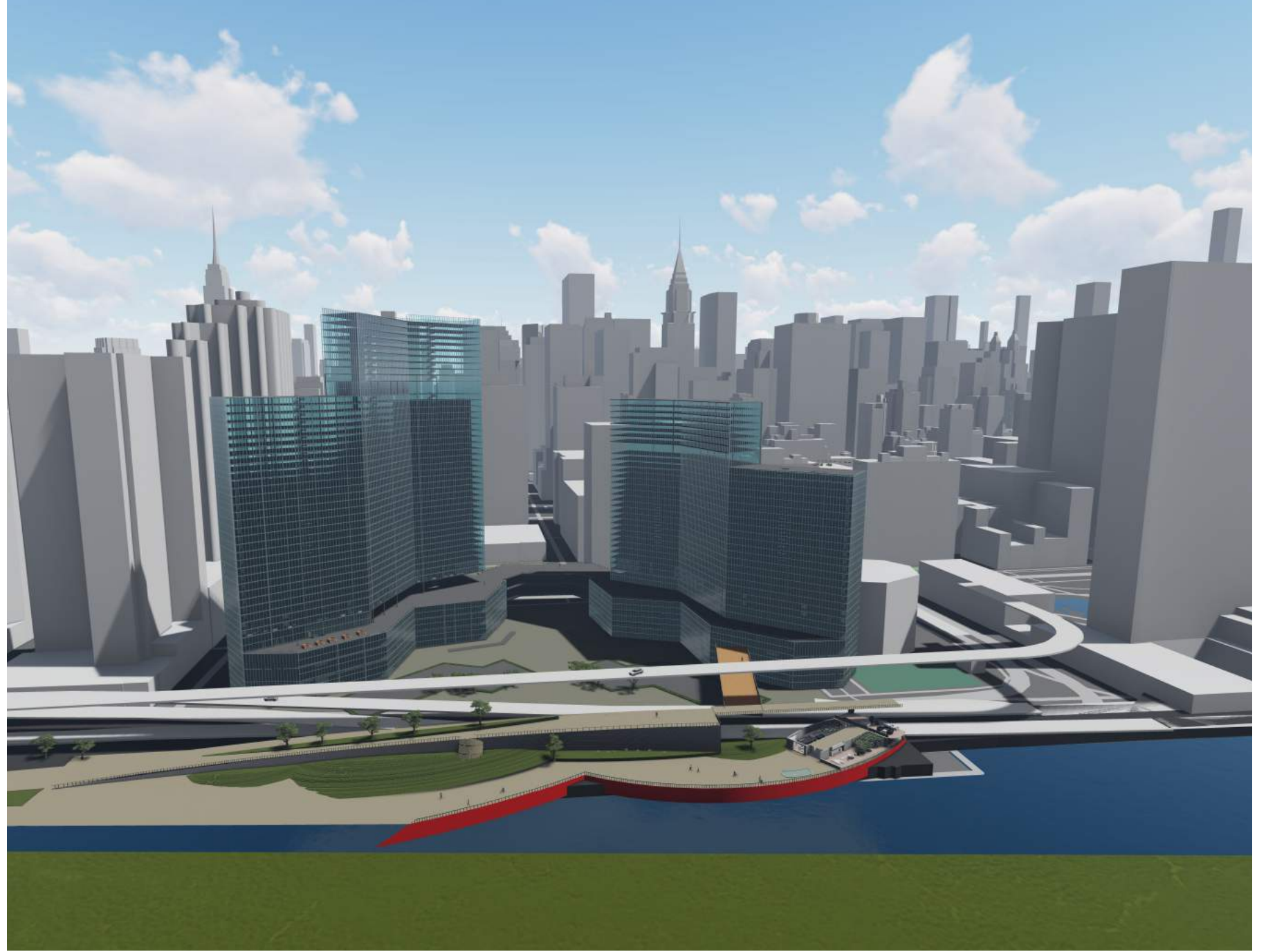
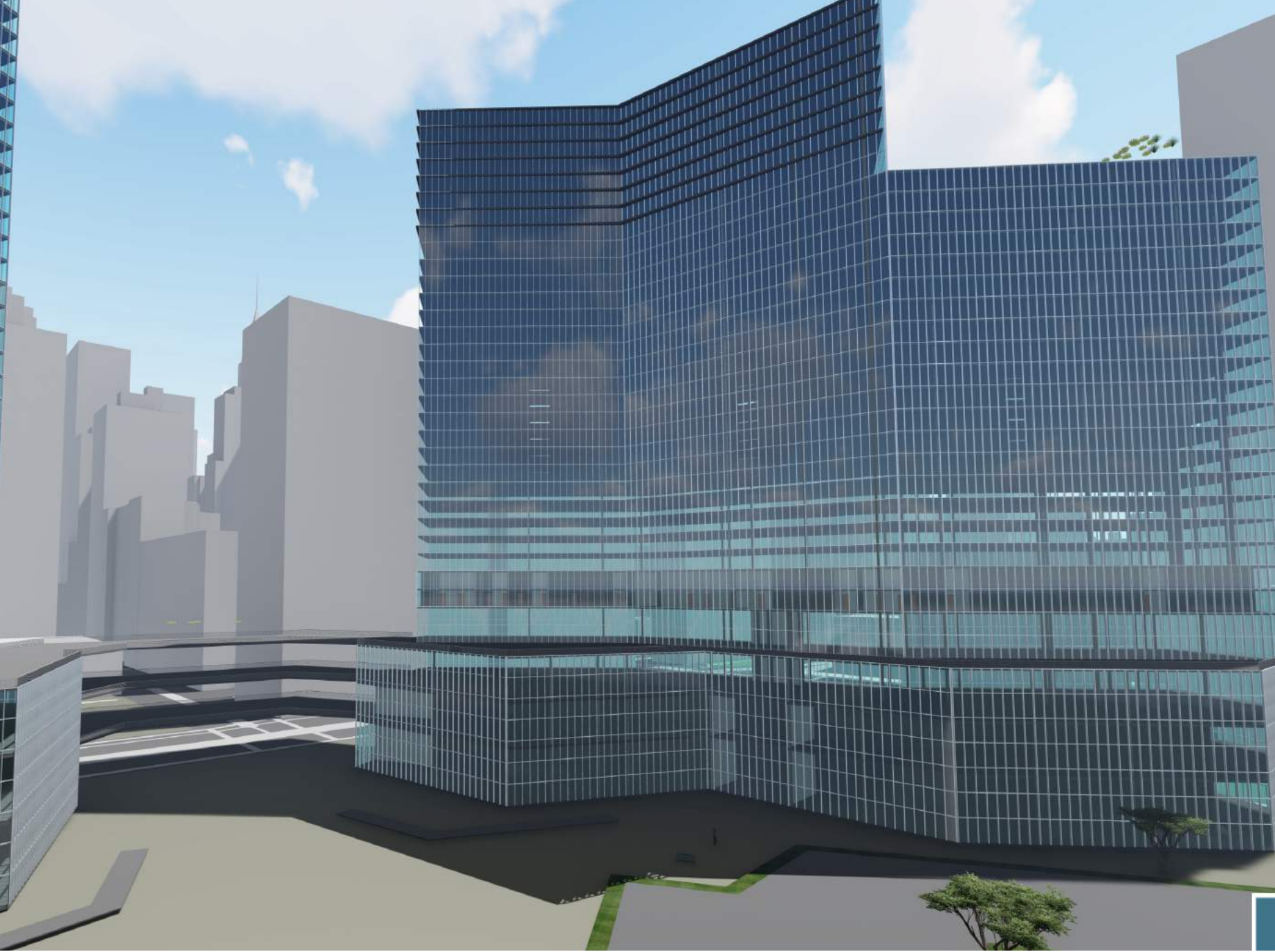
ELEVATION



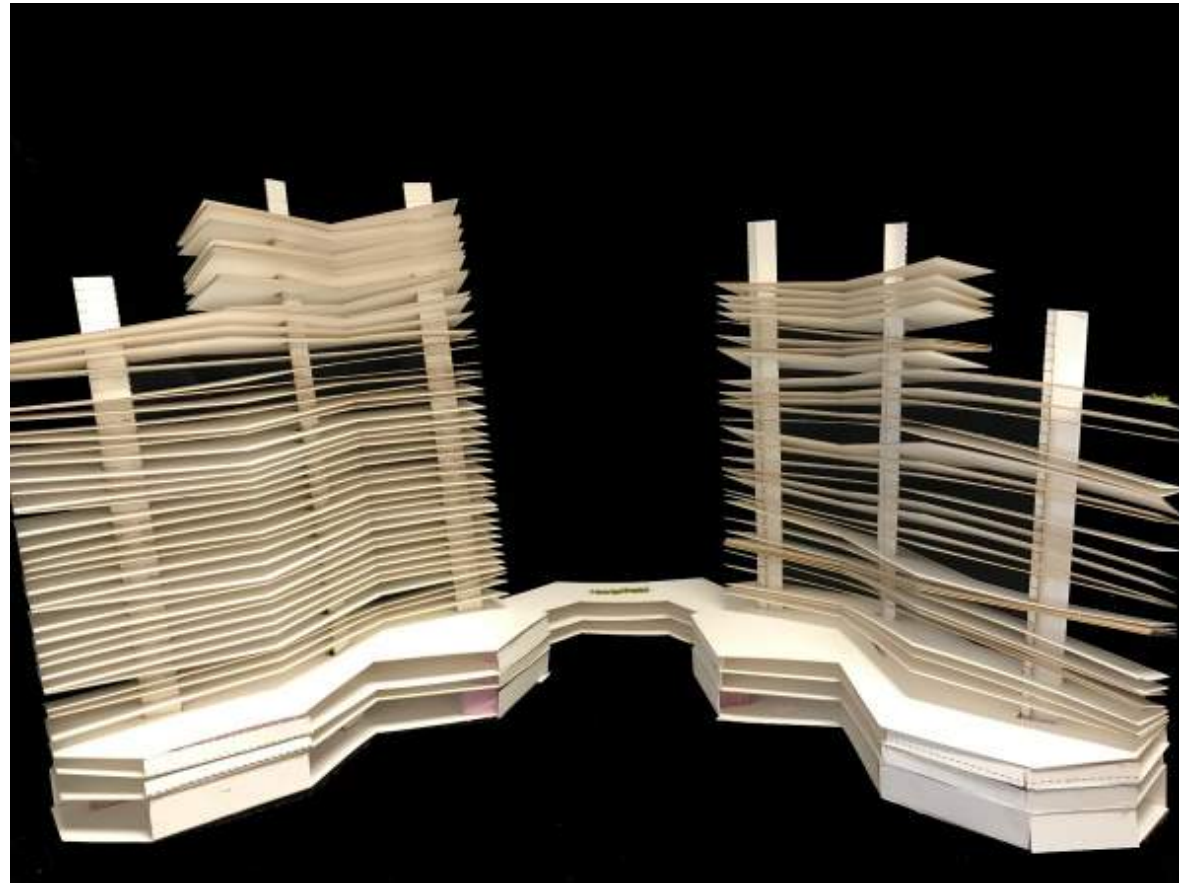
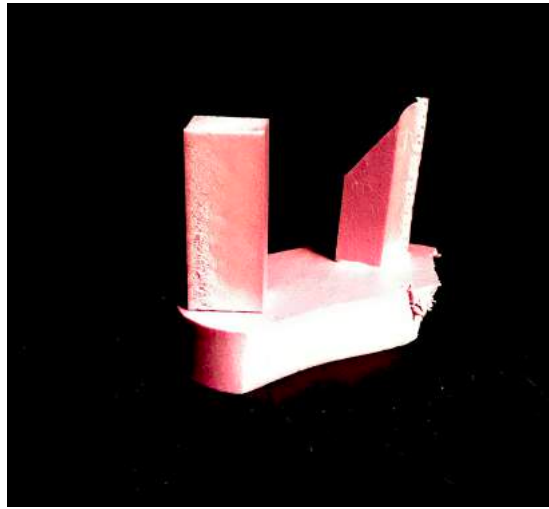
SECTION



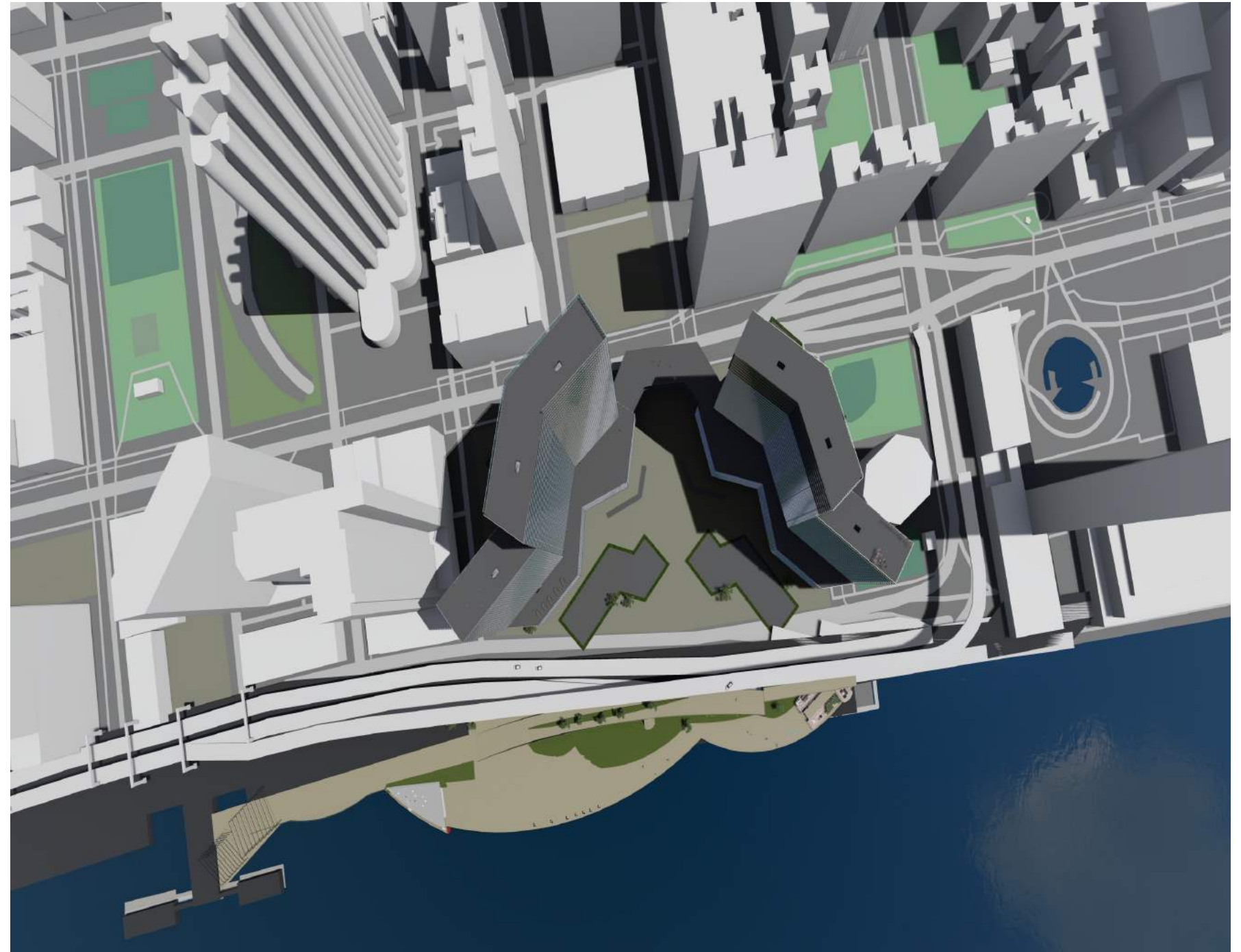
# MIXED USE BUILDING



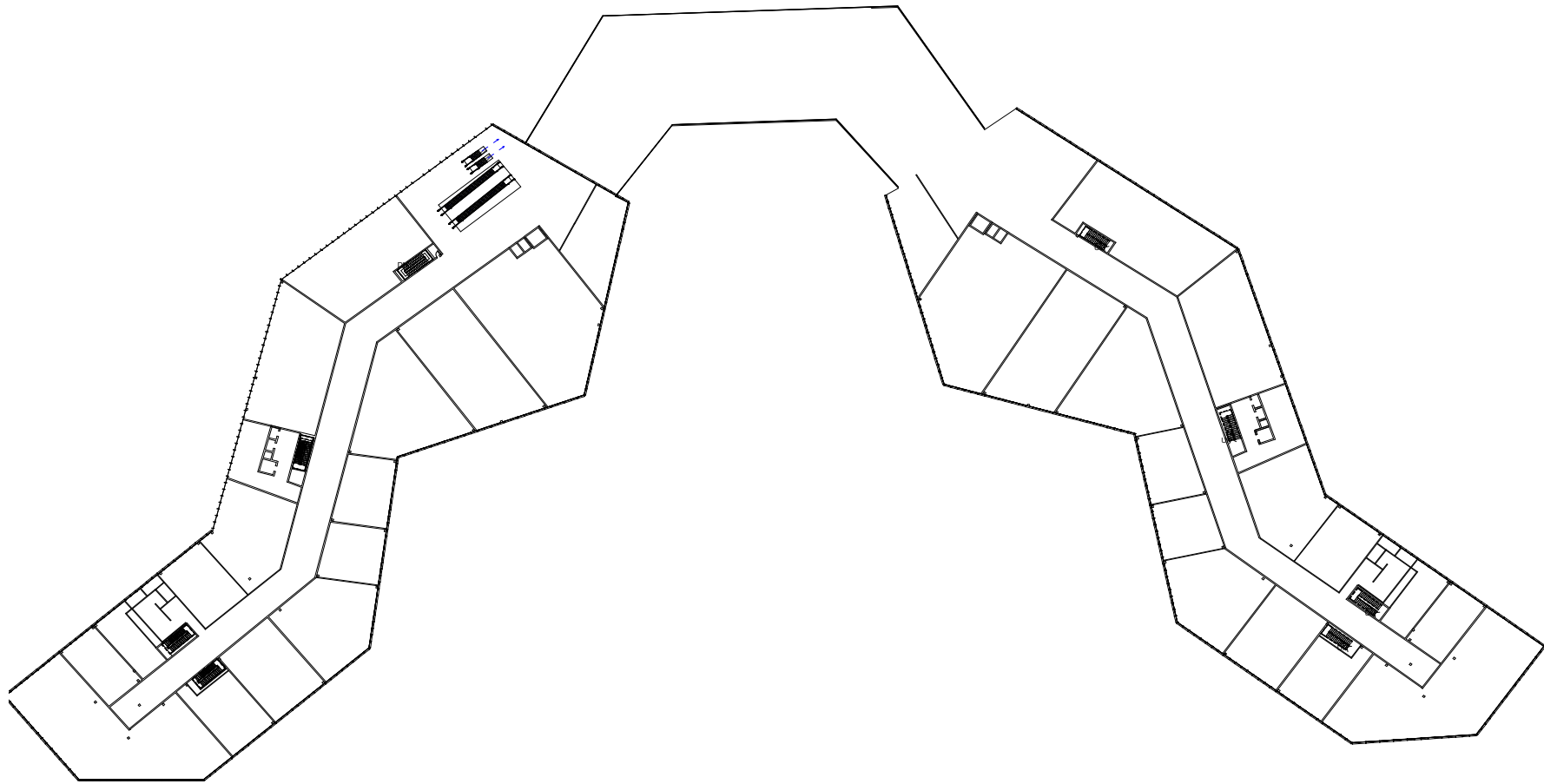




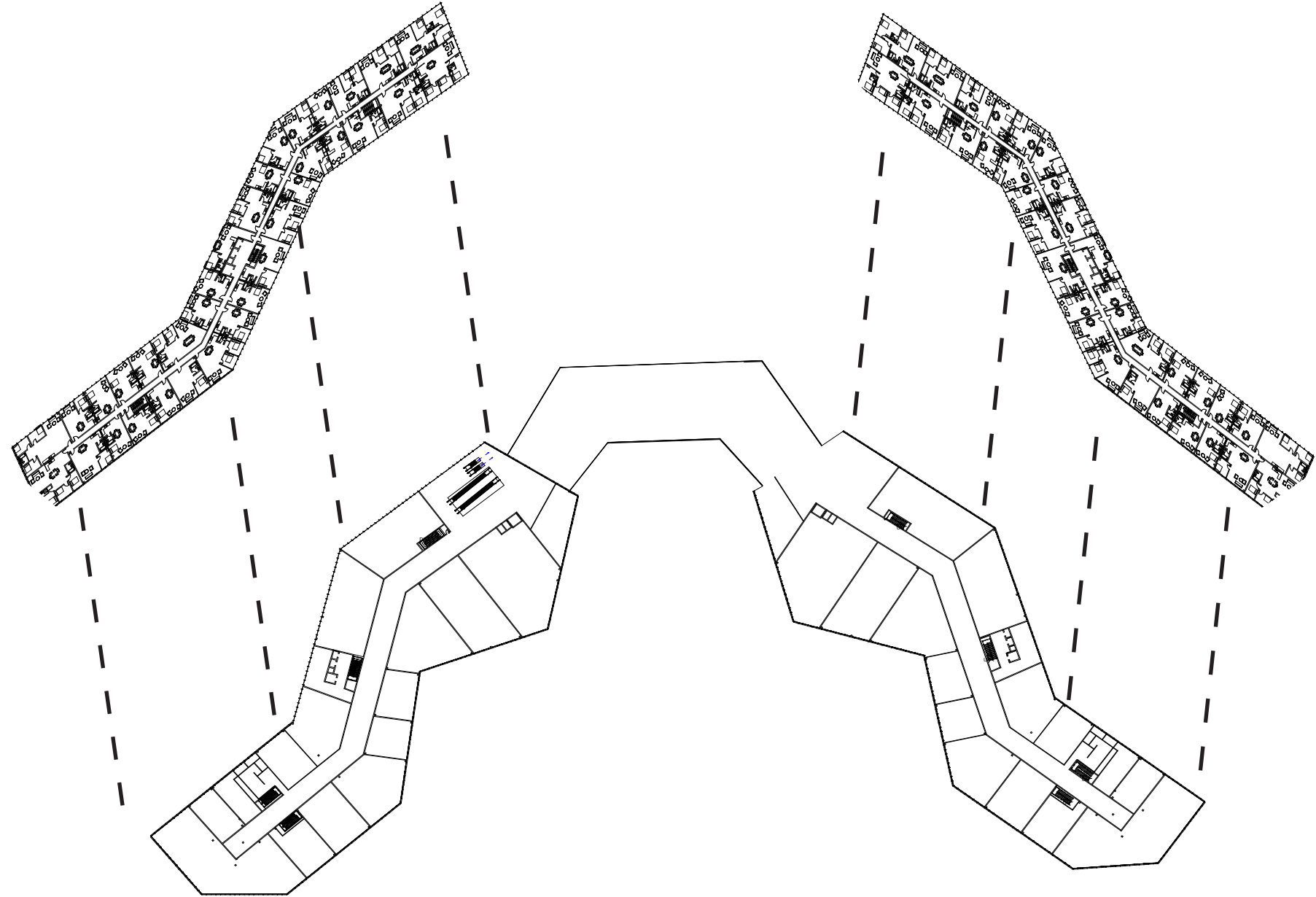
PROCESS



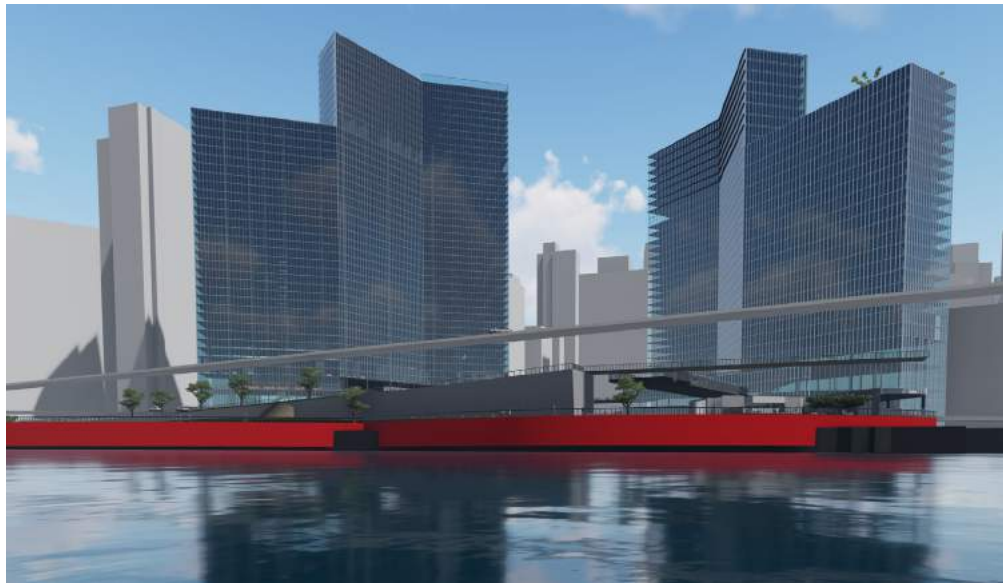




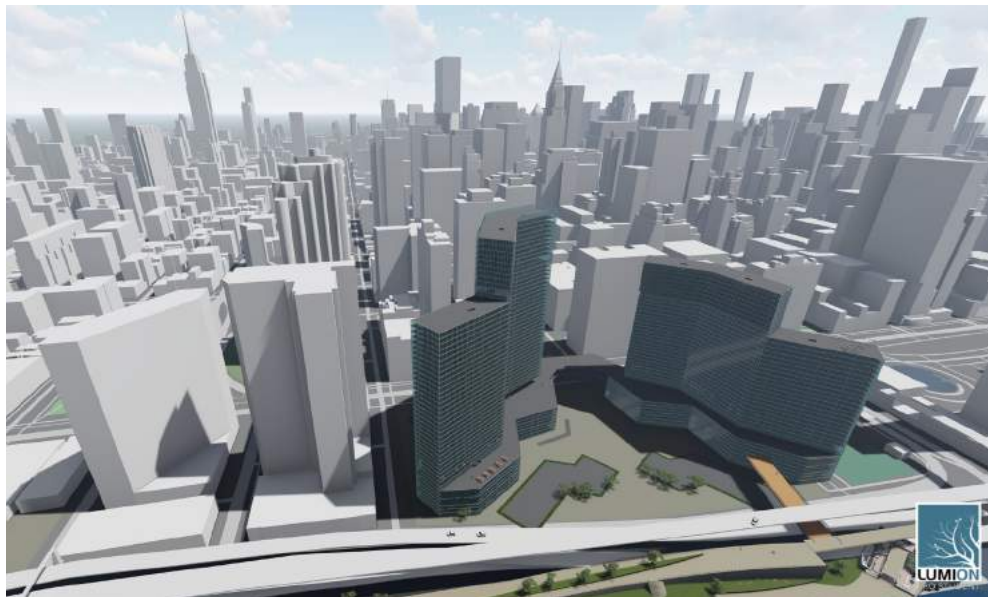
FLOOR PLAN LEVEL-1



RESIDENTIAL FLOOR PLAN



Location Con-Ed Redevelopment,  
Manhattan, New York,  
10016 - between: 37th and  
41st Street



This project is a mixed use building. it has a shop-  
ing area in the first three floors. the upper levels  
have an apartments . there are two bedrooms  
apartment and three bedrooms apartments.





# BRIDGE

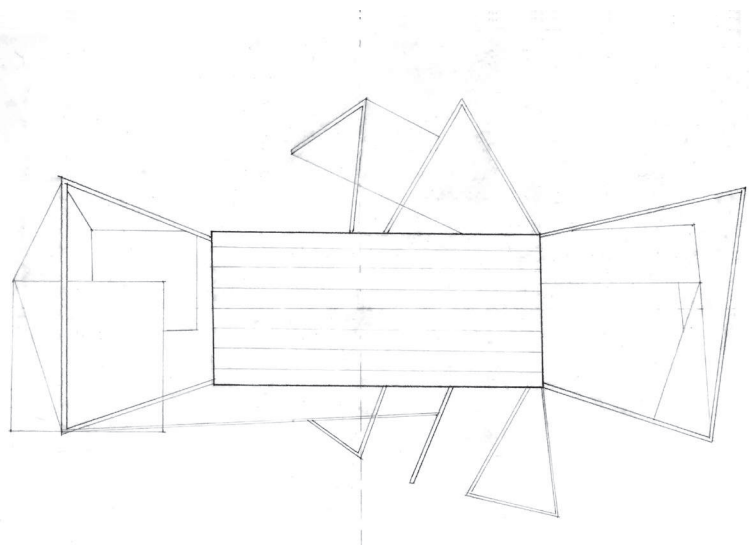


ON My collage gave me an inspiration to focus on planes, lines and volume, so I did a 3D abstract study models. Then I combined the three languages into one developed model which integrates linear, planar and volumetric language to create the spatial conditions in the sequence generated in my collage.

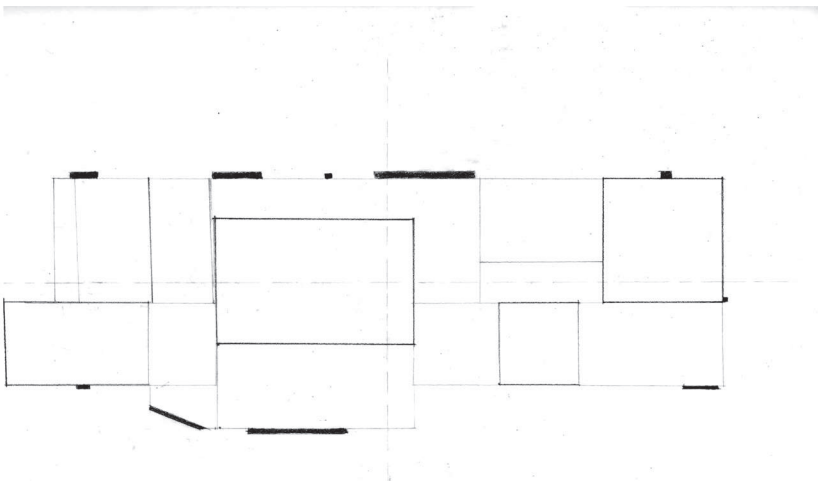
I used 1/4 scale to build my bridge. I used the idea of rotation from my collage to give my model a design. My bridge has two floors that connect in multiple directions. The planes have slopes. They are going up and down. Also there are lines around the bridge and two squares on both sides. There is a lounge in the middle of the bridge. Some sides are closed to focus more on the view from the other sides. Also when we have light there can be shade and shadow going through the bridge.





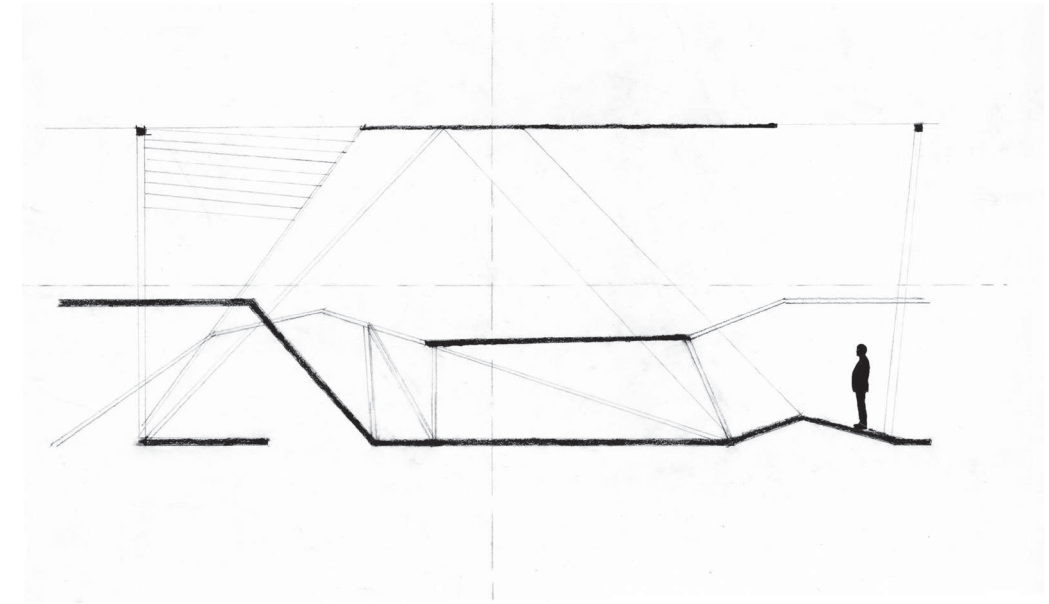


TOP VIEW

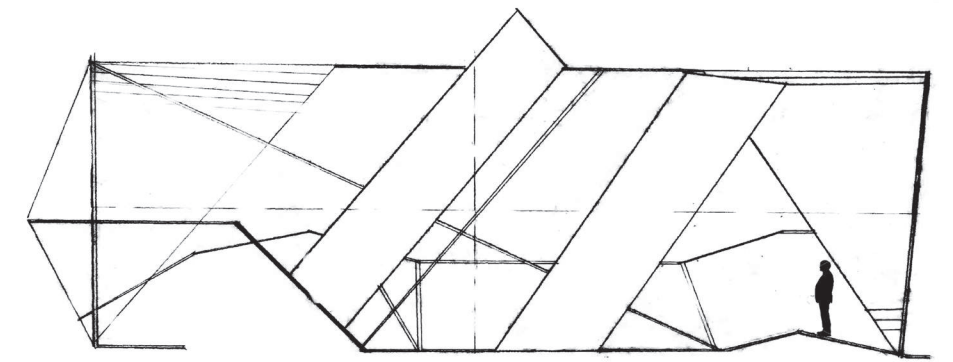


FLOOR PLAN

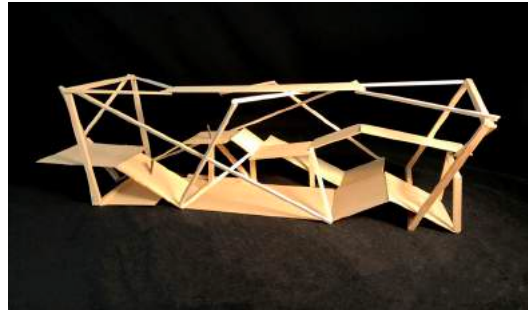
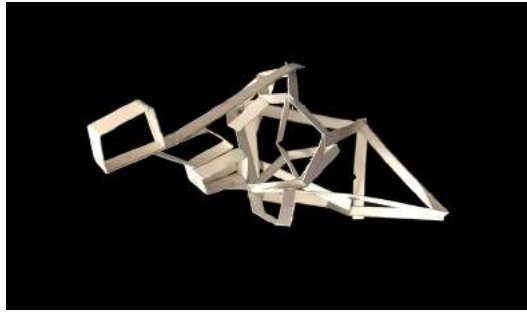
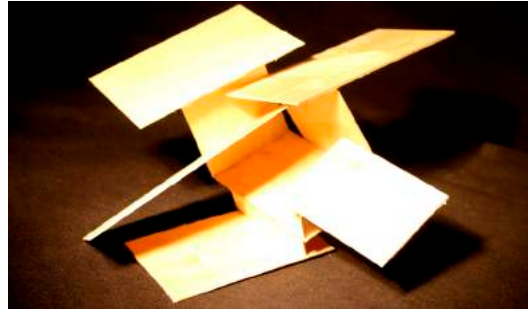
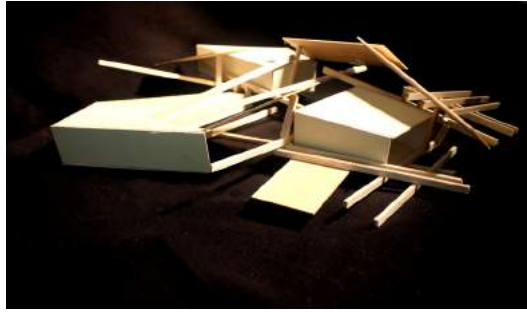
SECTION



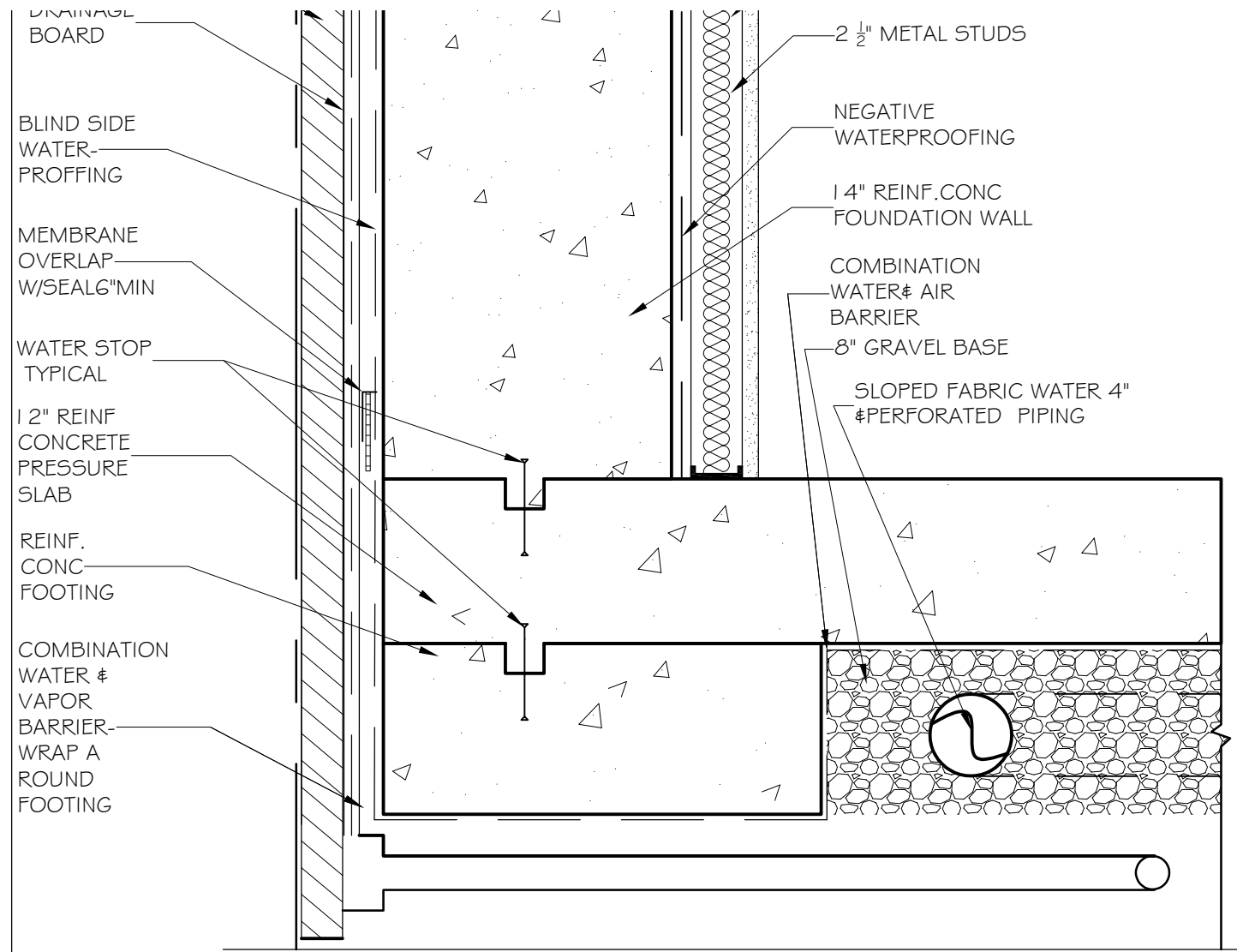
ELEVATION



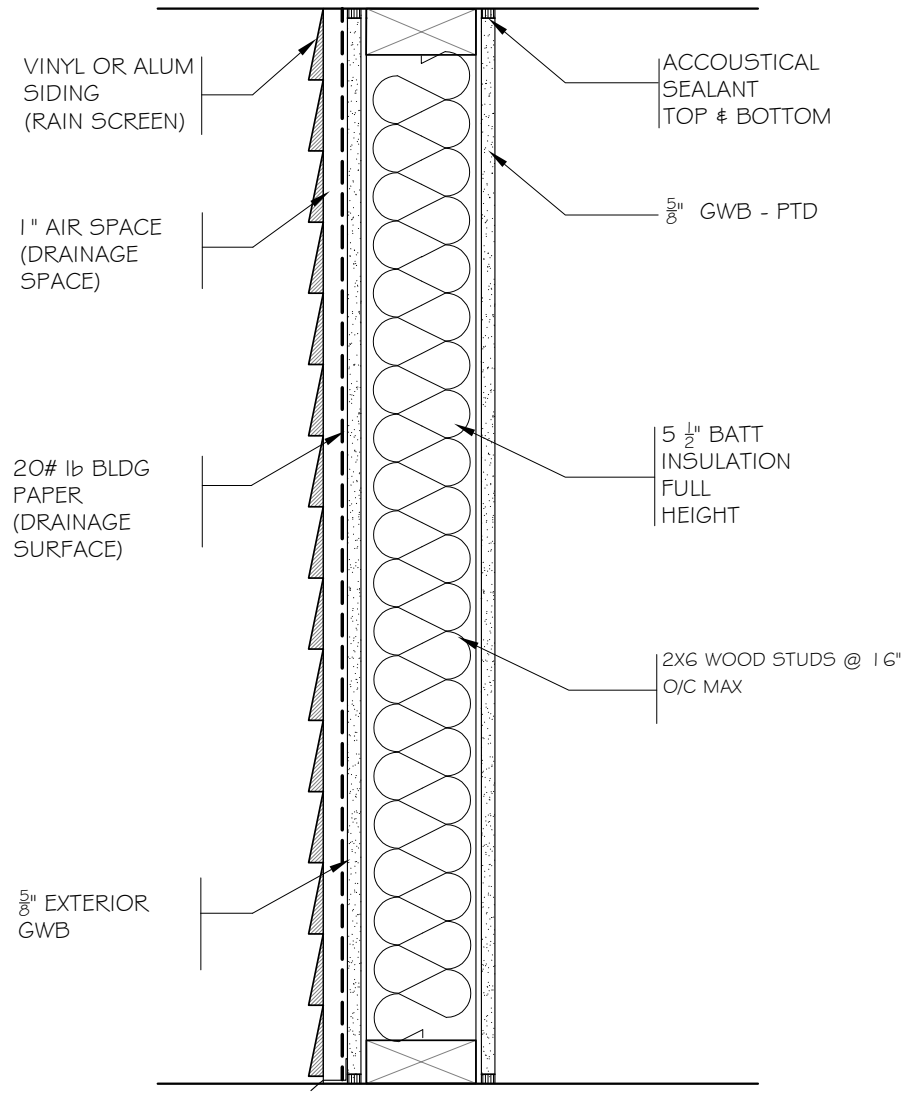








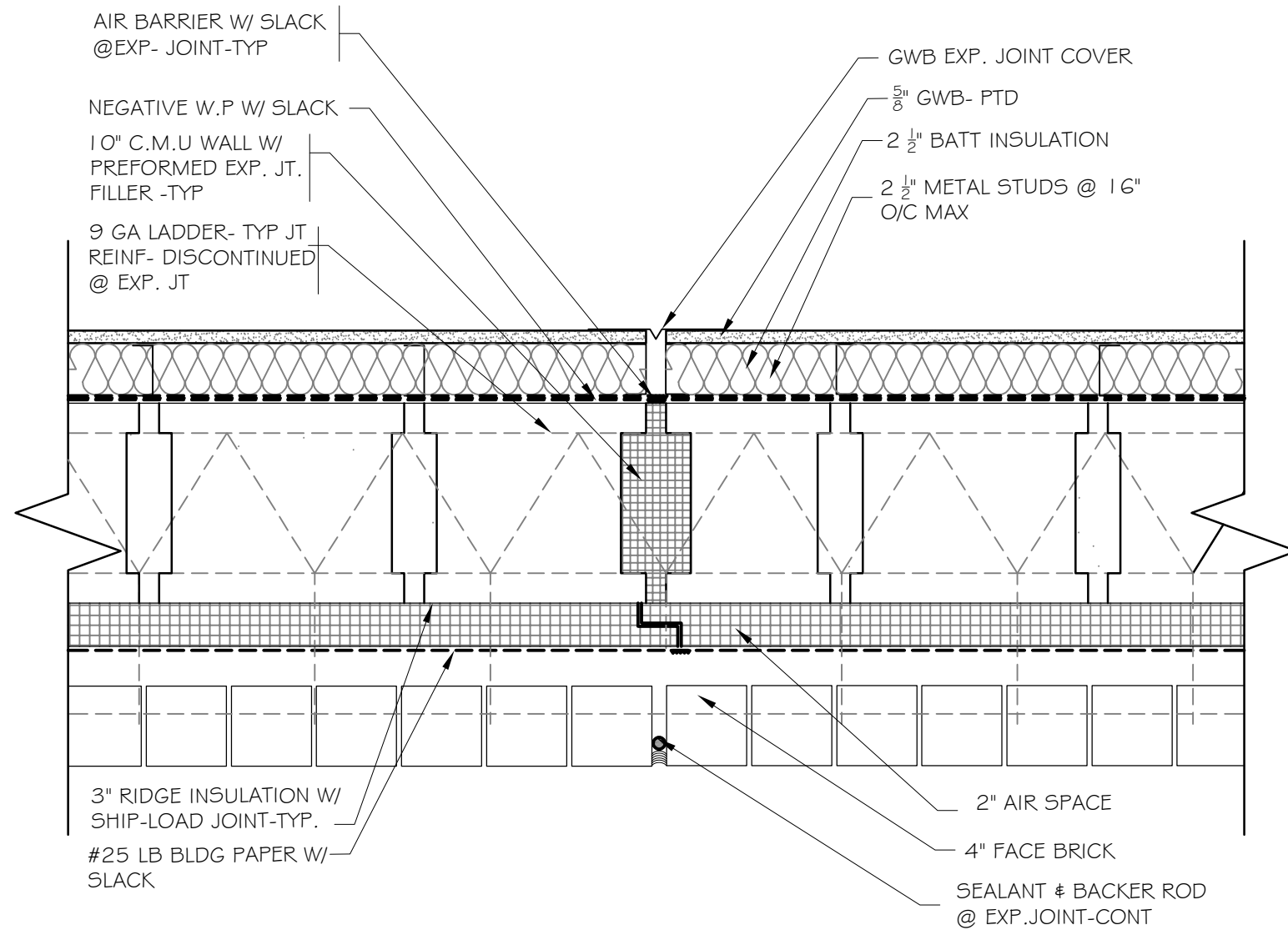
**1** FOUNDATION WALL/ SLAB WATERPROOFING DETAIL  
 SCALE: 1 1/2" = 1'-0"



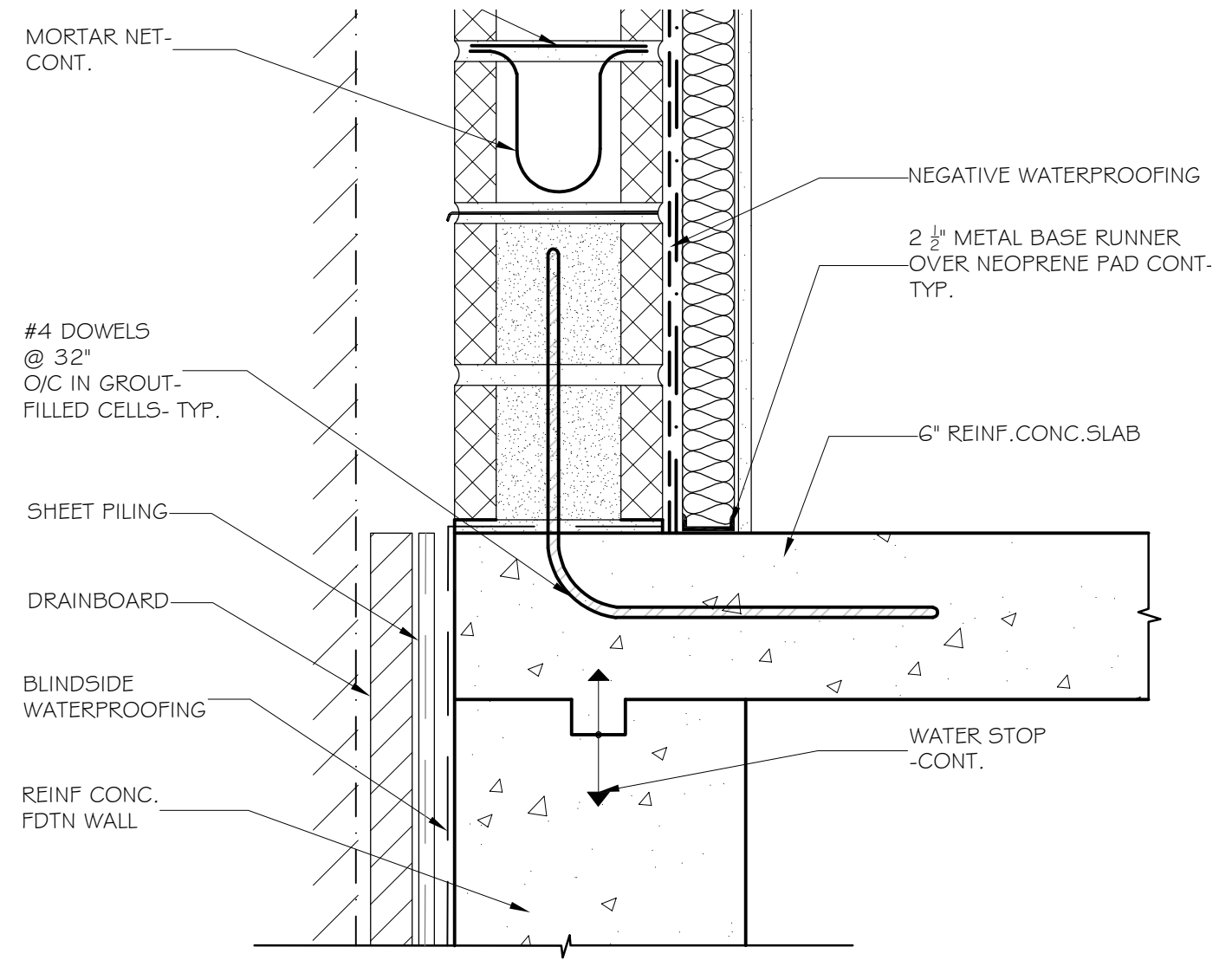
**2** WATER MANAGED WALL W/ RAINDSCREEN SYSTEM  
 SCALE: 1 1/2" = 1'-0"

\* BEST USED IN REGIONS OF MODERATE ANNUAL RAINFALL (20'-40")





**3** VERT. EXP. JOINT PLAN DETAIL  
SCALE: 1 1/2" = 1'-0"



**4** EXTERIOR WALL DETAIL  
SCALE: 1 1/2" = 1'-0"