



# Architecture Portfolio

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Hanan Chikh Mousa



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Brooklyn, NY 11209

## Summary

- To obtain a position that will enable me to utilize my strong organizational skills, and ability to work well with others.
- Ambitious student pursuing architectural technology degree eager to contribute developed knowledge in architecture role. Skilled in making 3D model and Drafting in different software settings. Adaptable and driven with strong work ethic and ability to thrive in team-based or individually motivated settings.

## Skills

- Microsoft Office ( Word, Excel, PowerPoint)
- Fluent in English and Arabic
- Photoshop
- InDesign
- Illustrator
- AutoCAD
- Rhino
- Lumion
- 3D Max
- Revit

## Education and Training

Bachelor Degree

New York City College of Technology

300 Jay St, Brooklyn, NY 11201

Architectural Technology, 2020

- Dean's List Honore [2016]
- 3.4 GPA

## Experience

### United Nations

Internship Student | New York, NY 07/2019 to 09/2019

- Attend meetings
- Write reports about the meeting
- Organize files.
- Gathered data and entered information into computer system.

### Law Office

Front Desk Receptionist | Brooklyn, NY 07/2015 to 08/2015

- Answered phones, responded to client inquiries and transferred calls to appropriate staff members.
- Greet visitors and clients as they walk into the office.
- Sending faxes Organize the files.

### Pediatrician office

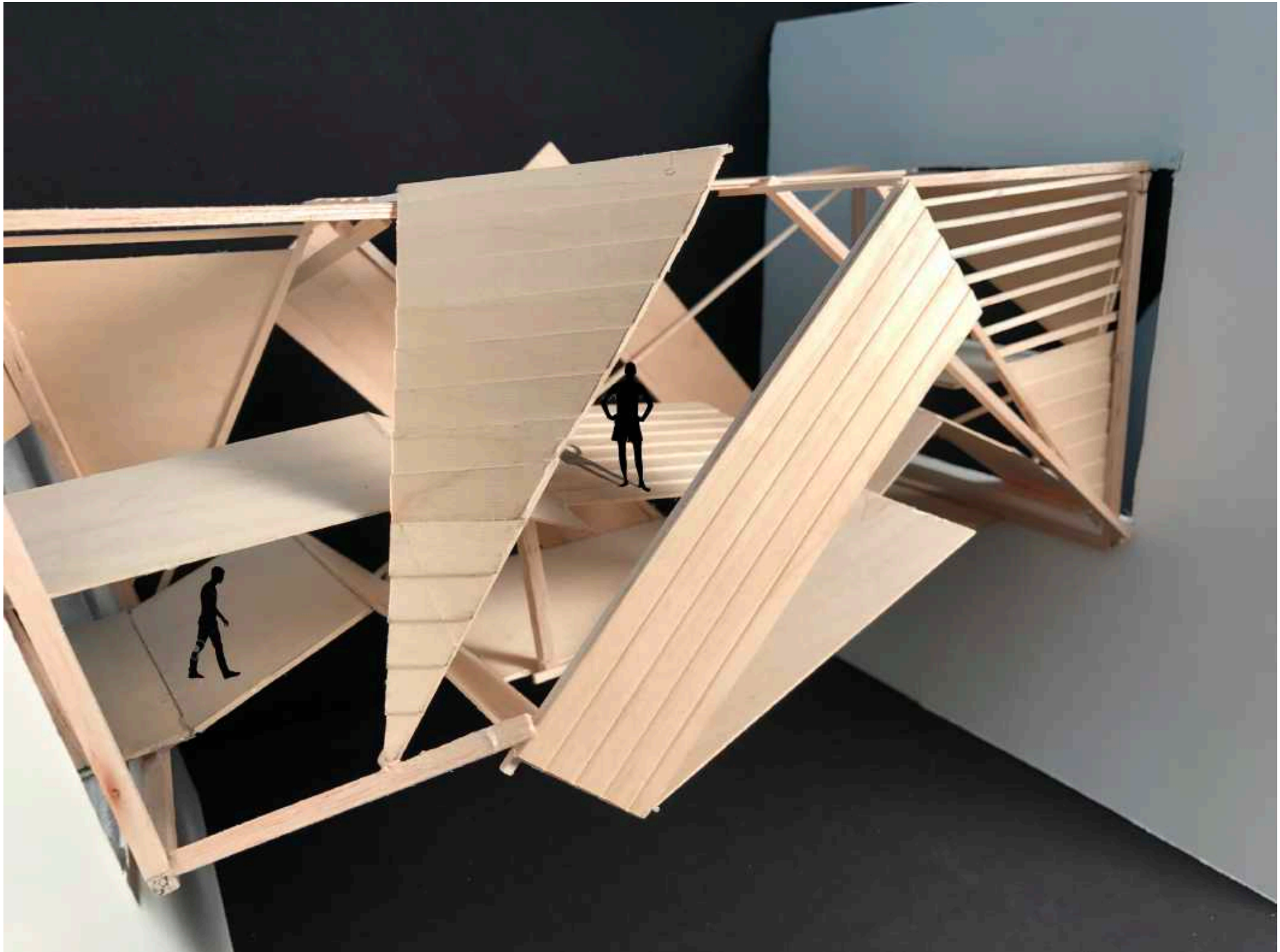
Front Desk Receptionist | Brooklyn, NY 04/2013 to 08/2013

- Front Desk duties Greeting incoming patients, directing them in person or by phone to the proper area.
- Collecting patient information
- Sending faxes Organize the files.

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# BRIDGE

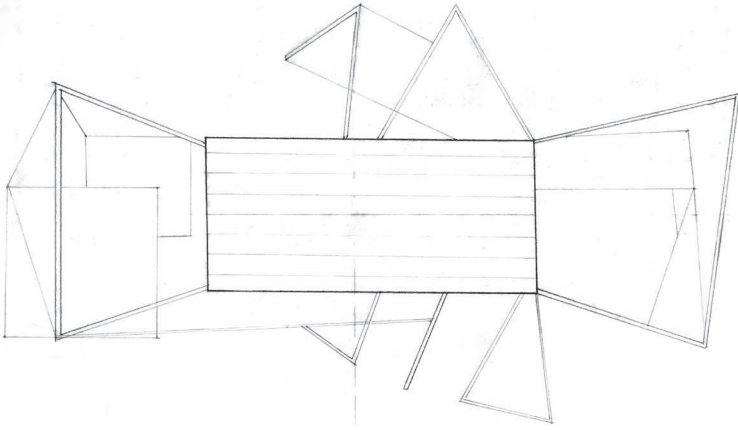




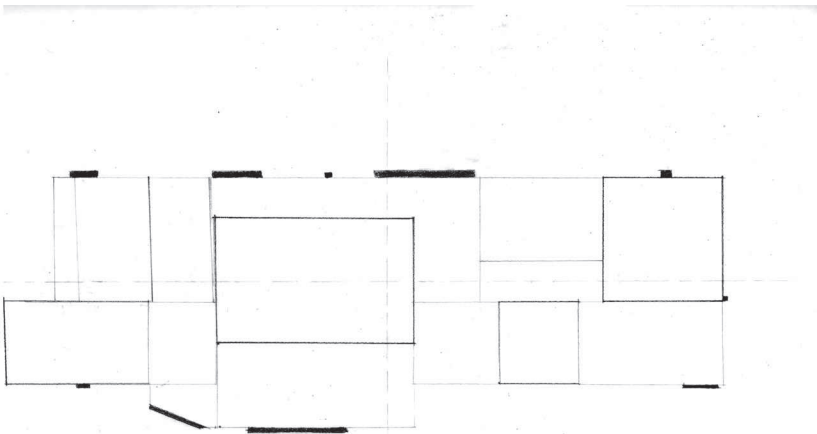
ON My collage gave me an inspiration to focus on planes, lines and volume, so I did a 3D abstract study models. Then I combined the three languages into one developed model which integrates linear, planar and volumetric language to create the spatial conditions in the sequence generated in my collage.

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.

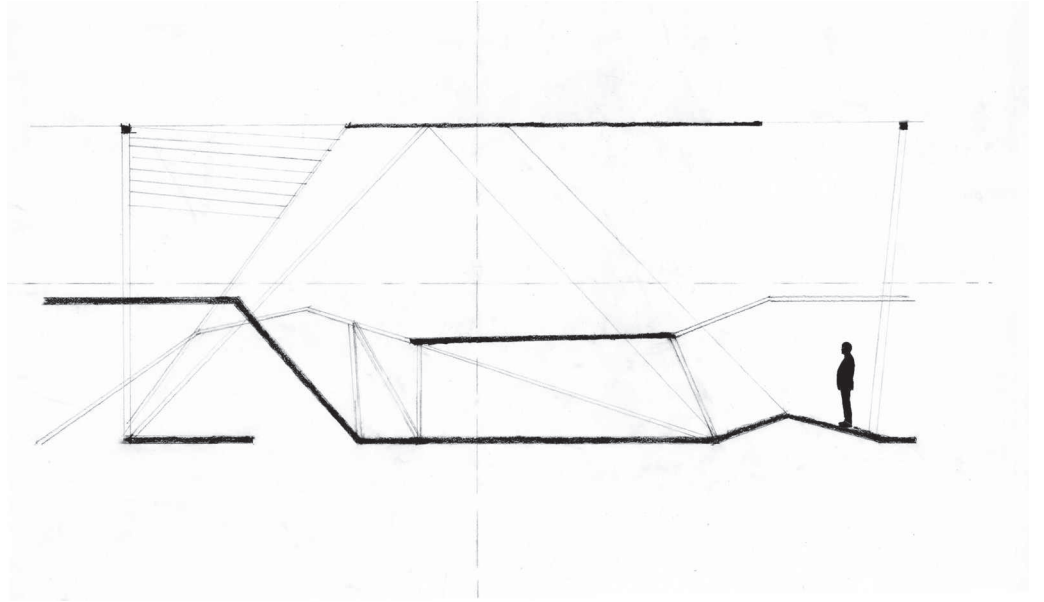




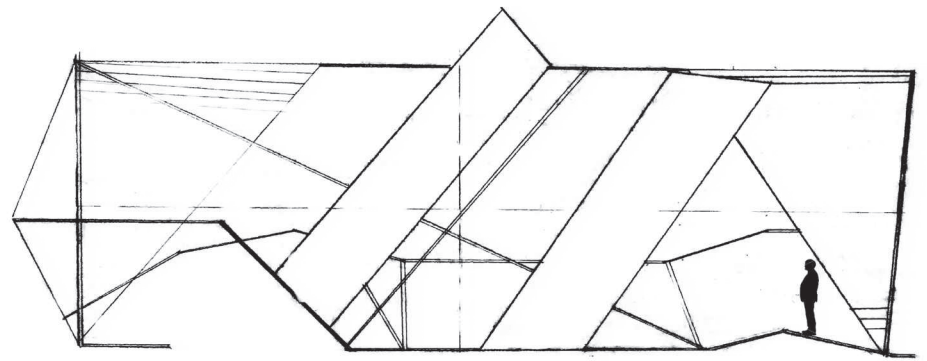
TOP VIEW



FLOOR PLAN

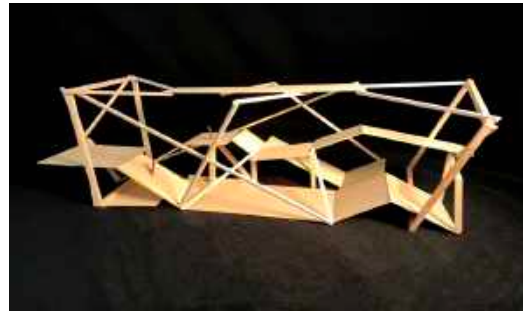
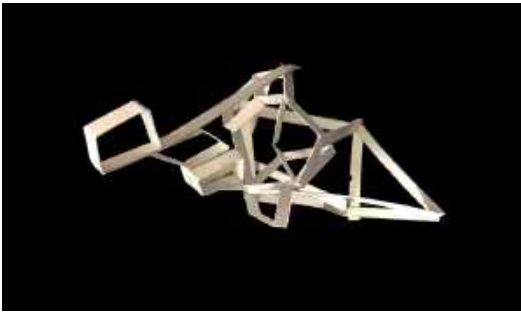
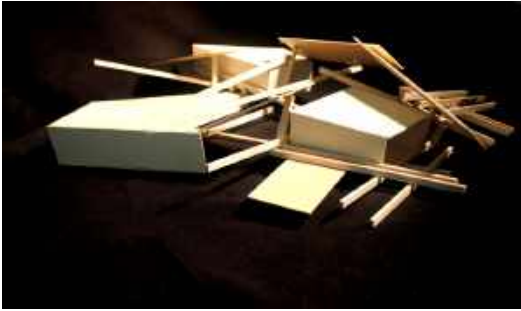


SECTION



ELEVATION

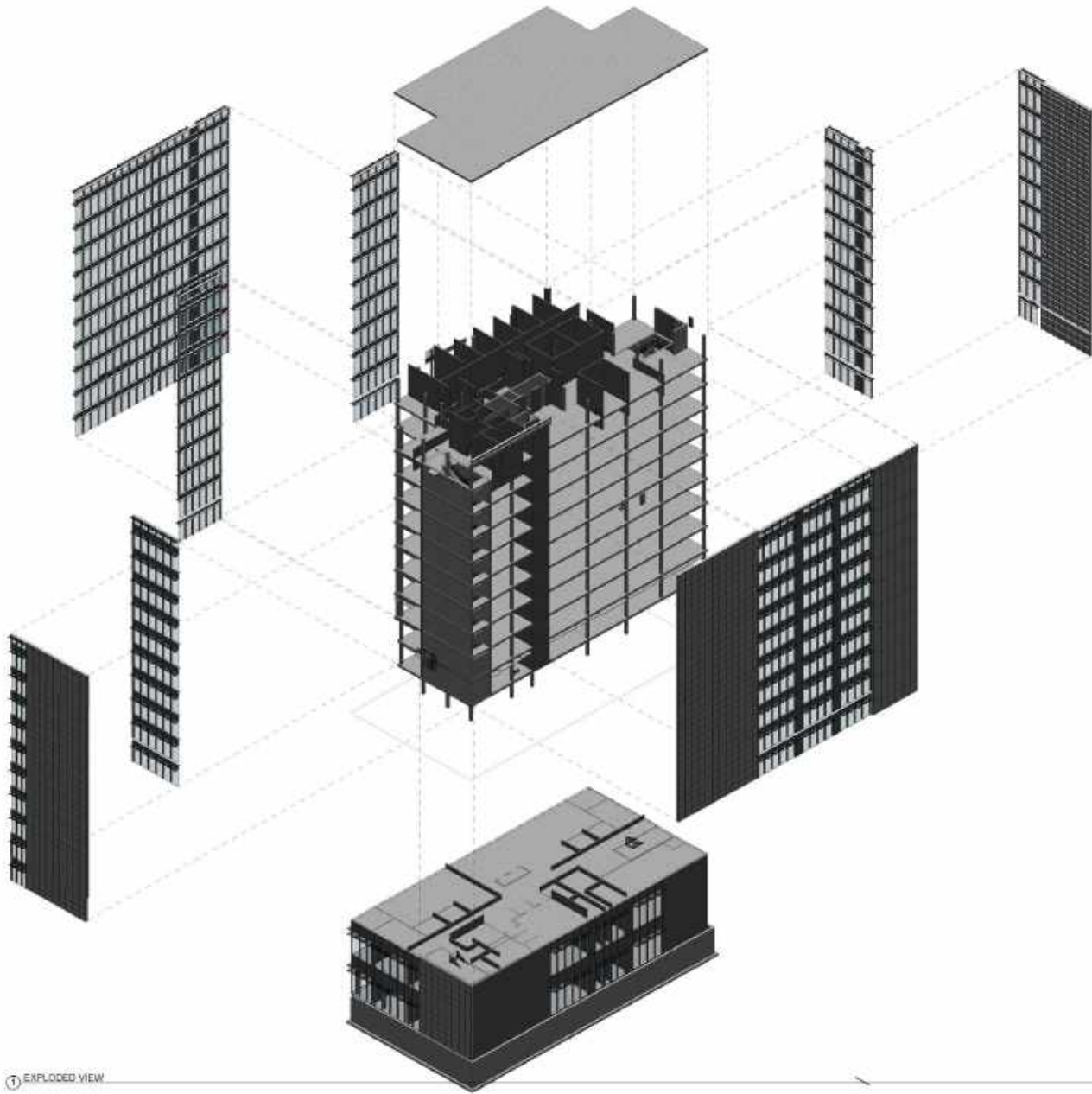


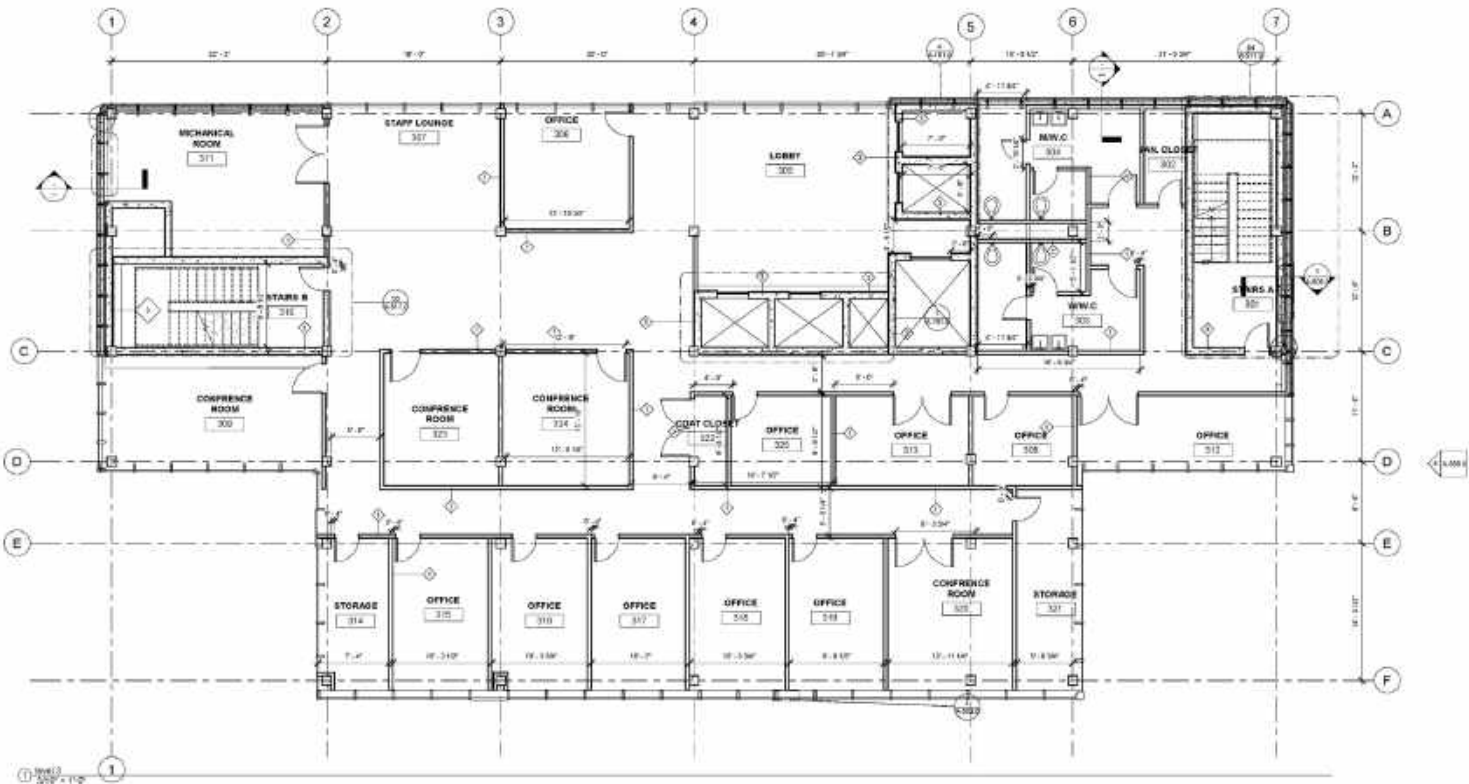


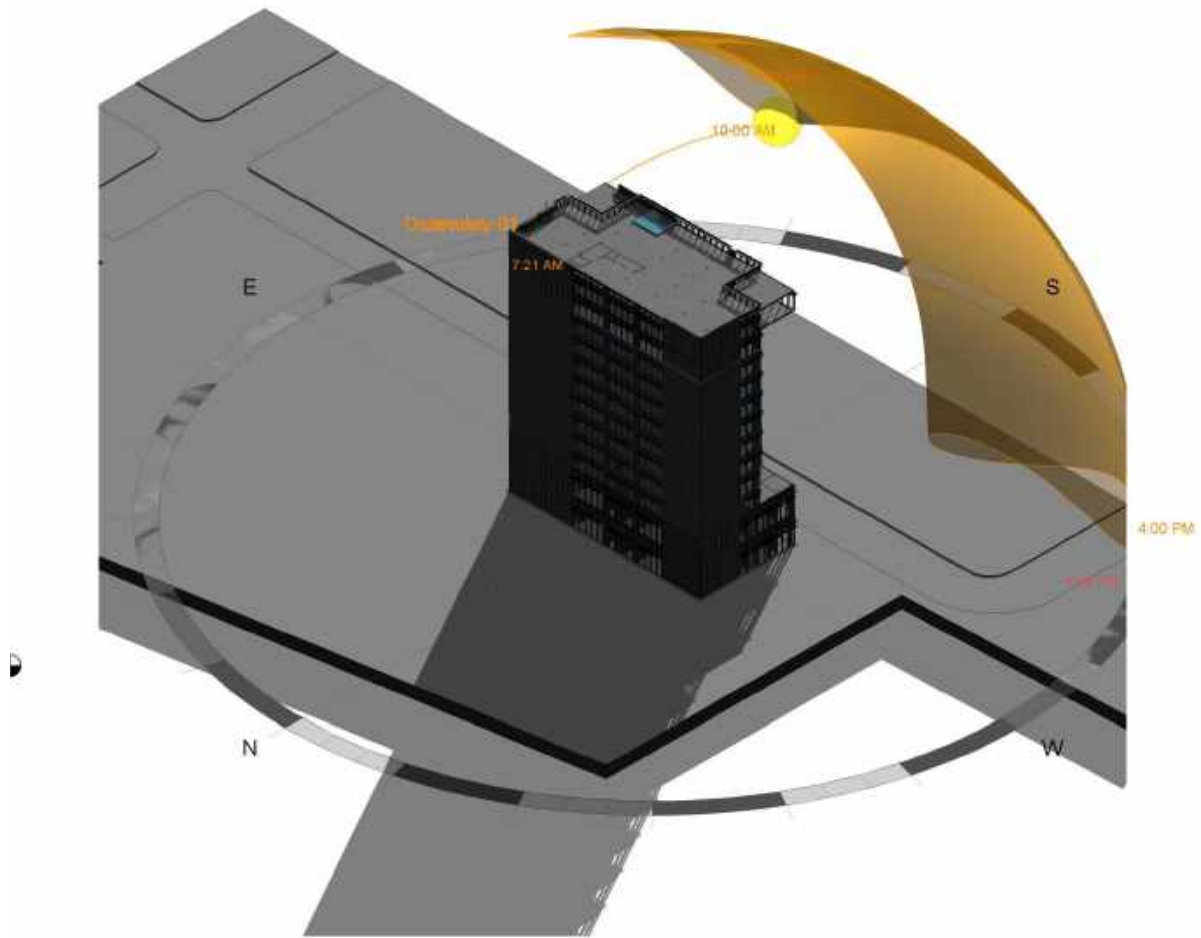




# COMMERCIAL BUILDING

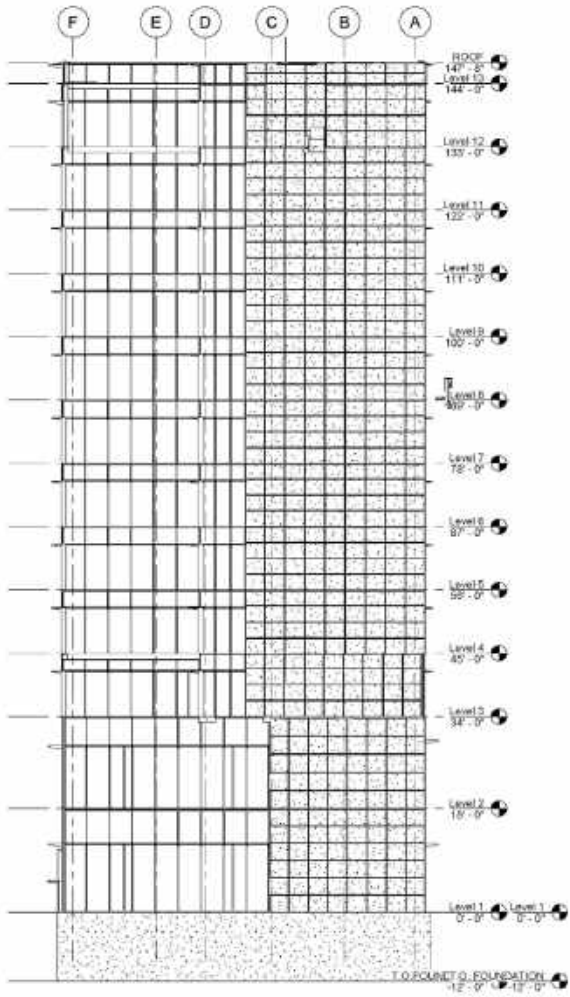




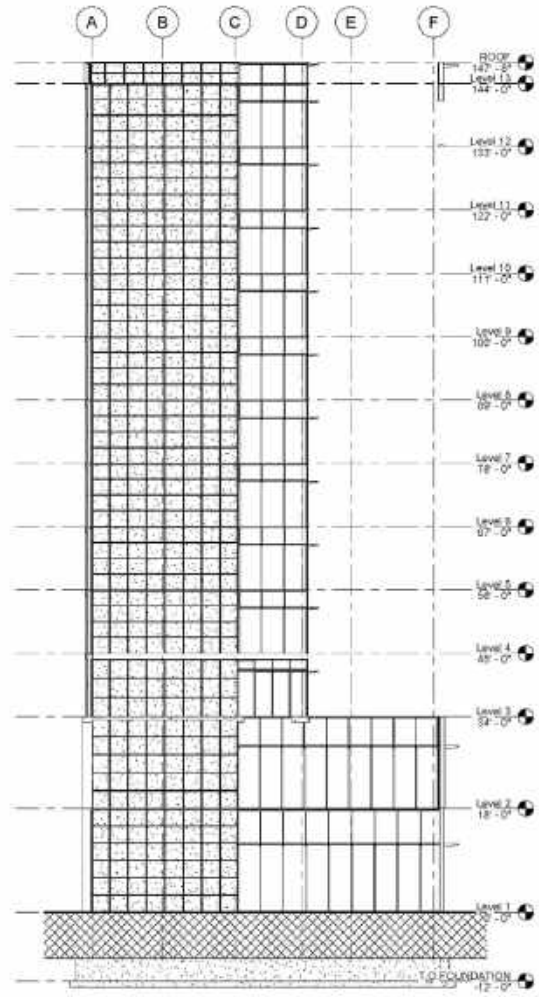


② NORTH SUN DIAGRAM

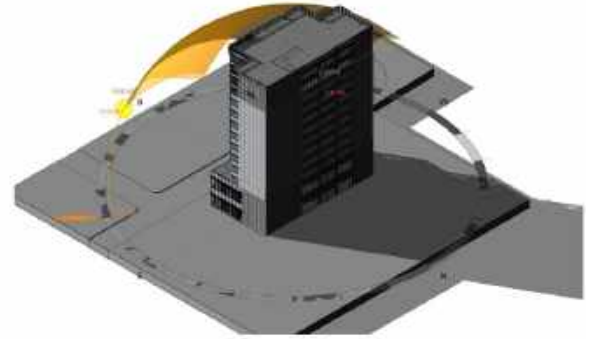




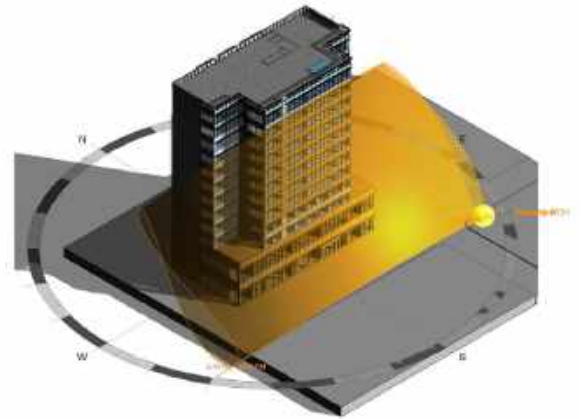
1 East ELEVATION  
302' x 1'-0"



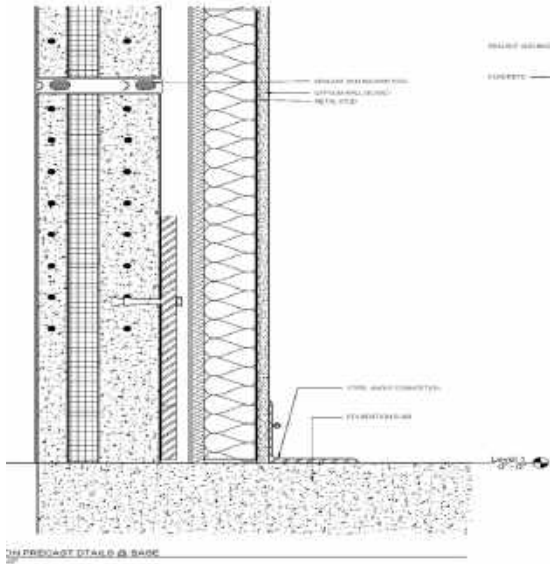
2 West ELEVATION  
302' x 1'-0"



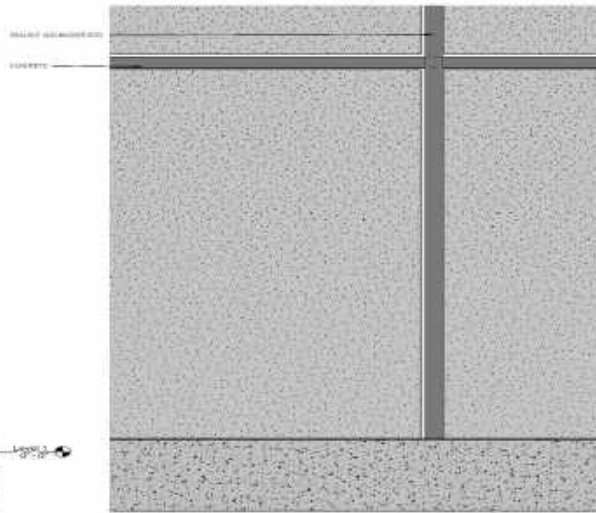
3 EAST SUN DIAGRAM



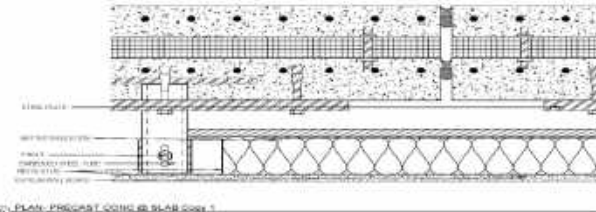
4 WEST SUN DIAGRAM



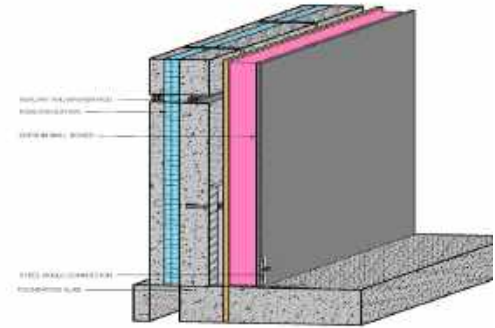
1) PRECAST DETAIL @ BASE



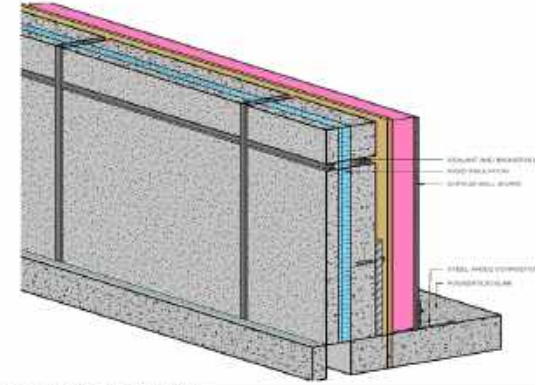
2) ELEVATION PRECAST DETAIL @ BASE



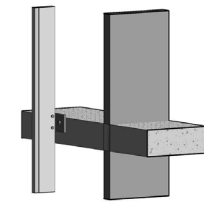
3) PLAN PRECAST DETAIL @ BASE



4) INTERIOR PRECAST DETAIL @ BASE



5) EXTERIOR PRECAST DETAIL @ BASE



1) STEP 1



2) STEP 2



3) STEP 3



4) STEP 4





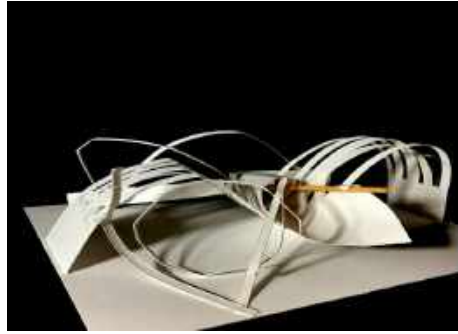
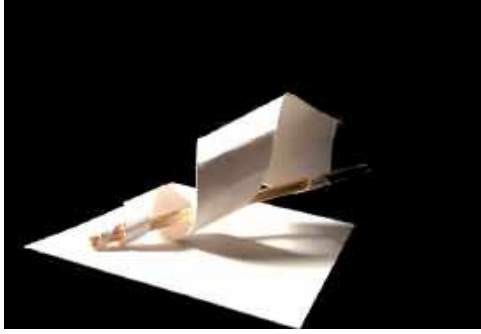
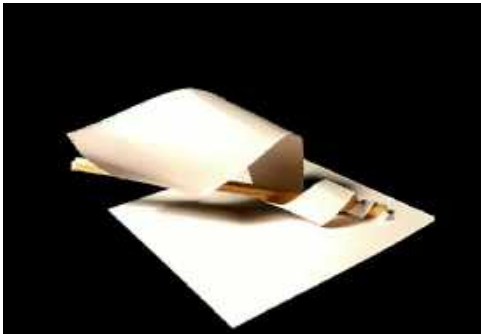
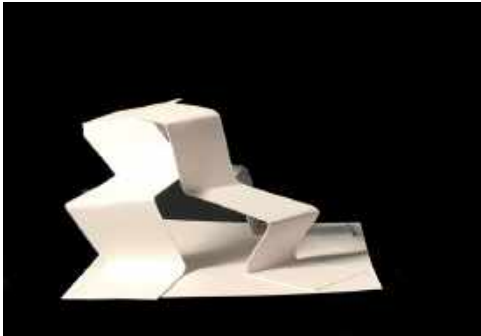
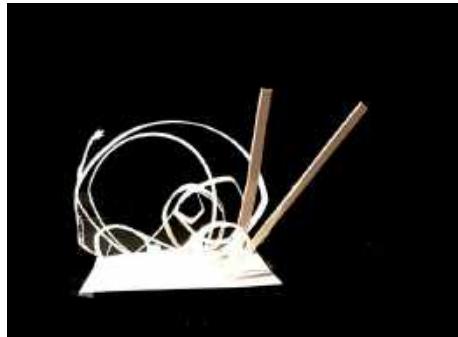
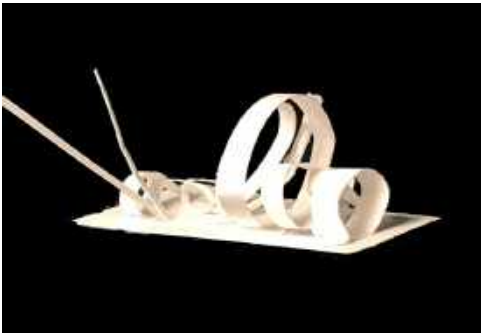
Sheet List	
Sheet Number	Sheet Name
G-100.00	COVER SHEET
G-101.00	ADA DIAGRAMS
G-102.00	SITE PLAN
S-100.0	FOUNDATION PLAN
S-101.0	GROUND/ TYP FLOOR FRAMING PLAN
S-102.0	3D VIEW OF CONCRETE FRAME
A-100.0	GROUND/TYP FLOOR PLAN
A-101.0	ENLARGED CORE PLANS GROUND/TYP FLOOR
A-102.0	FINISH PLAN- GROUND/TYP 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 commerical Building has 12 levels. the first two levels have a shopping area. from 3-12 fllor have offices.-

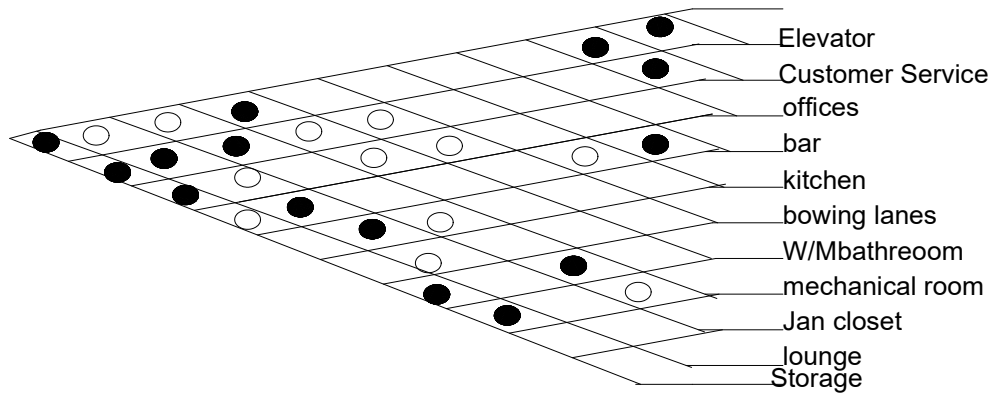
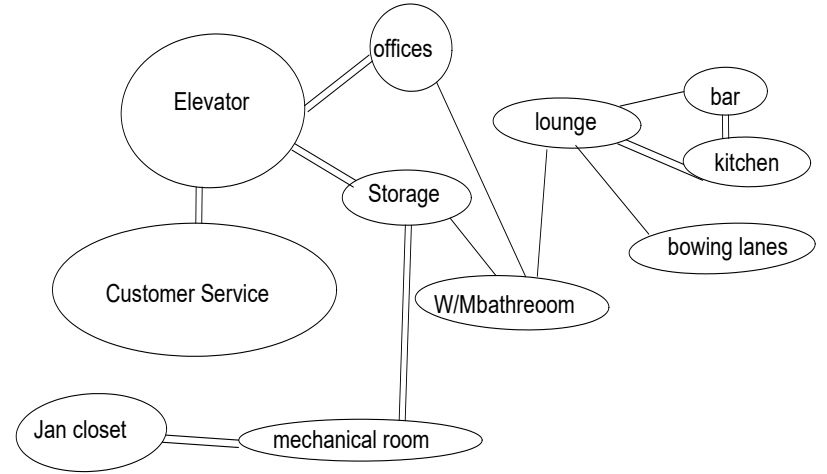
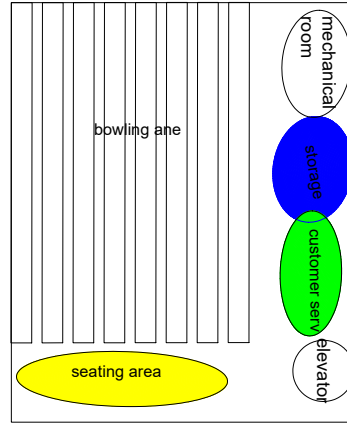
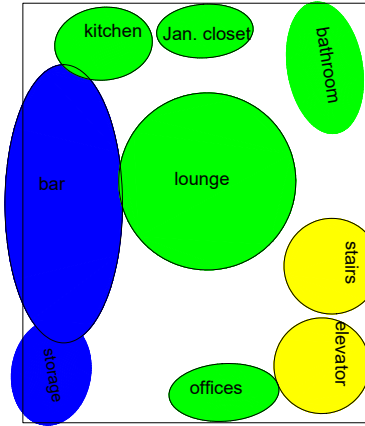
16 Main street, Brooklyn NY 11201



# Concept Models

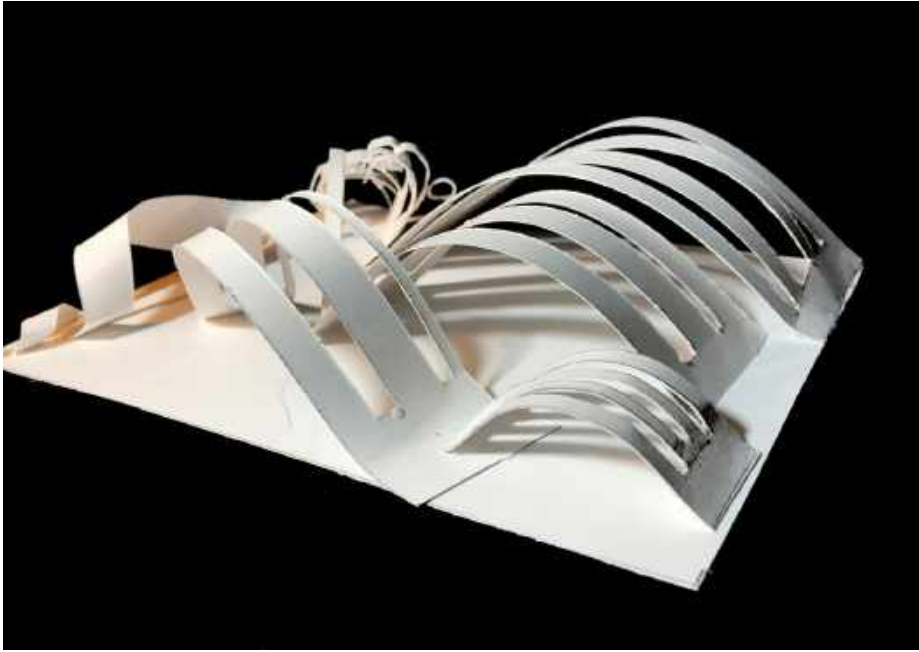


# Programs



== ● adjacent  
 — ○ nearby  
 not related

# 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

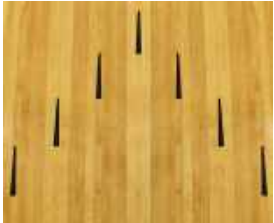
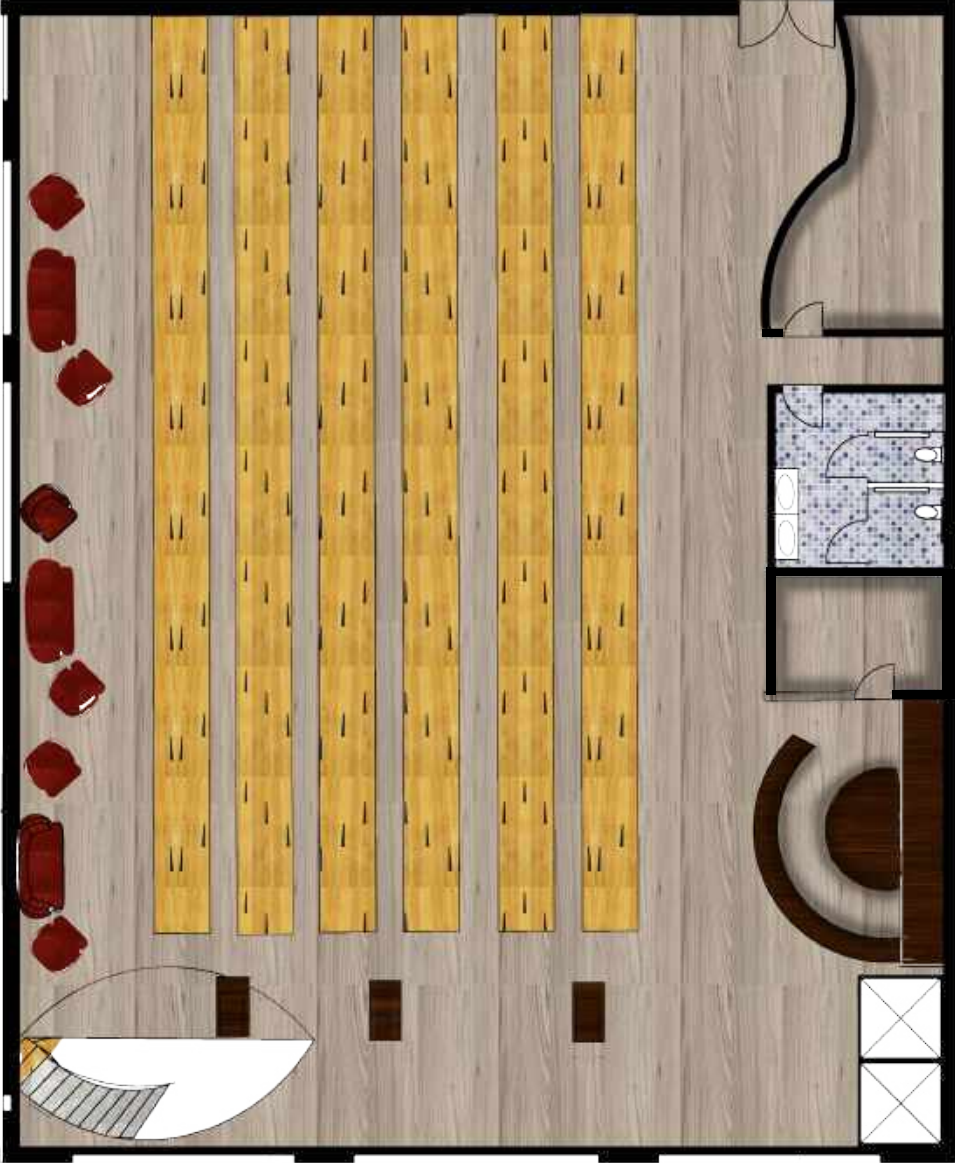


# FIRST FLOOR PLAN

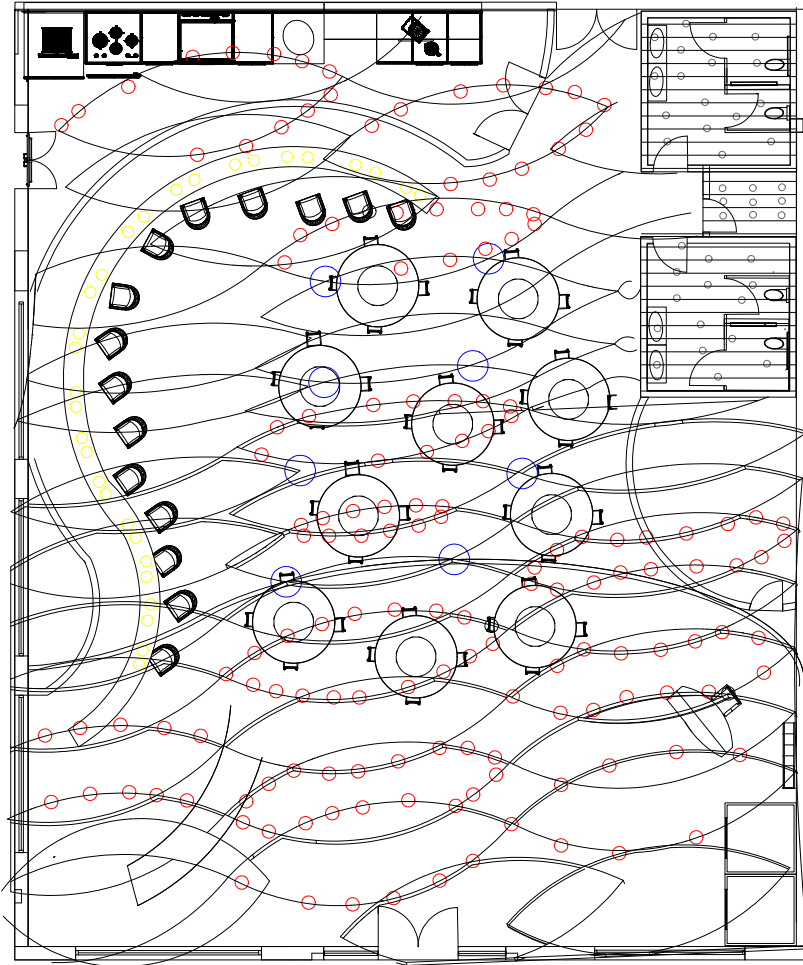




# SECOND FLOOR PLAN



# REFLECTED CEILING PLAN



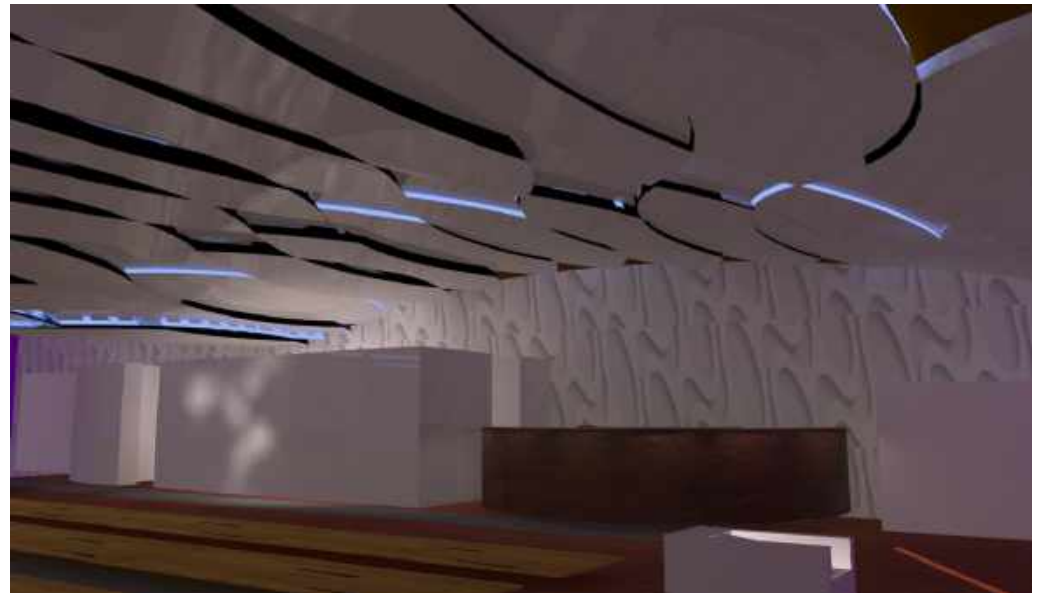
○ spot light



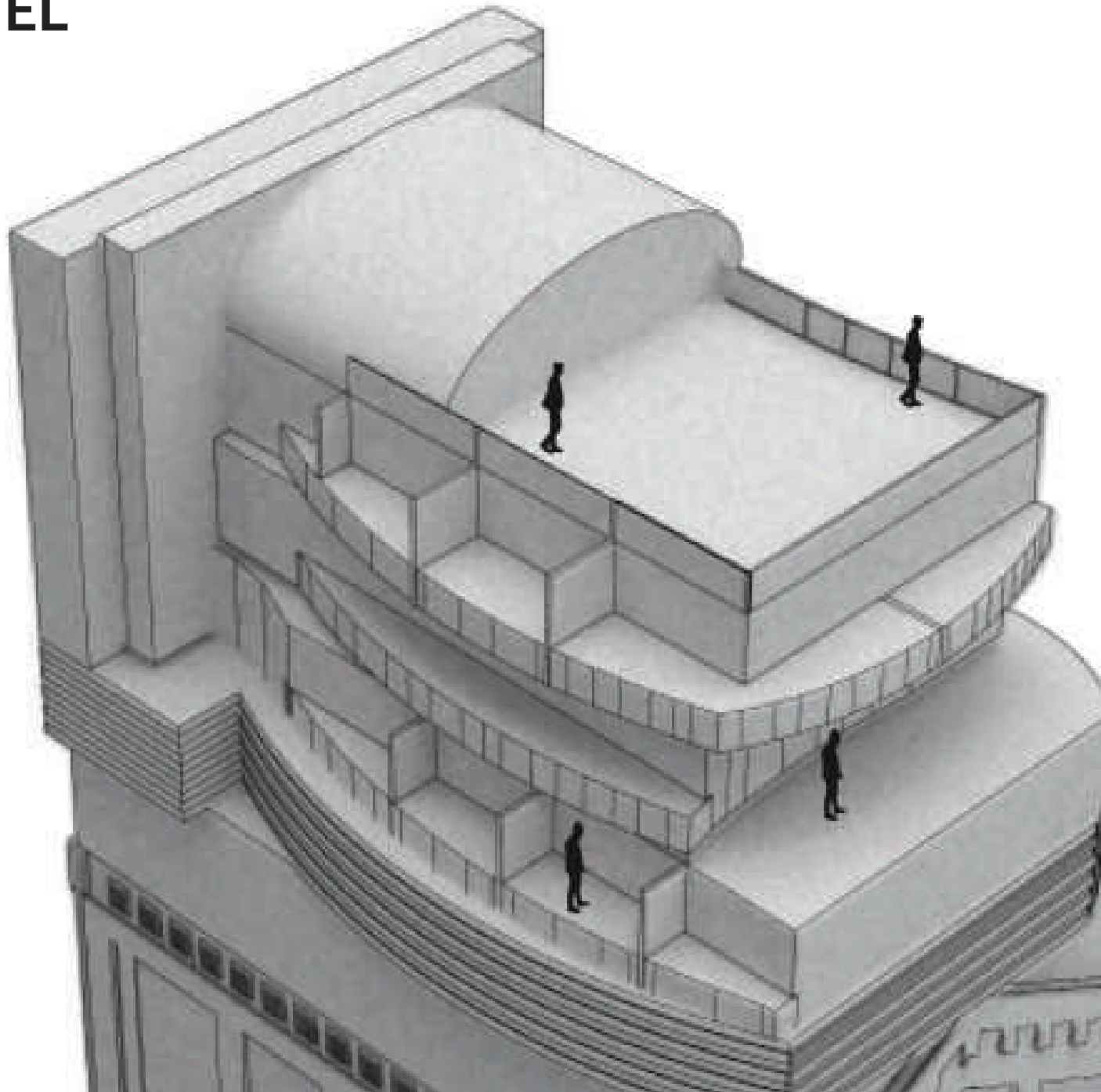
○ spiral light



○ lamps light

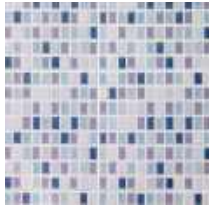
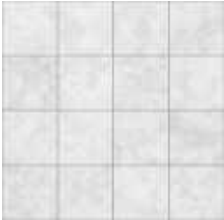
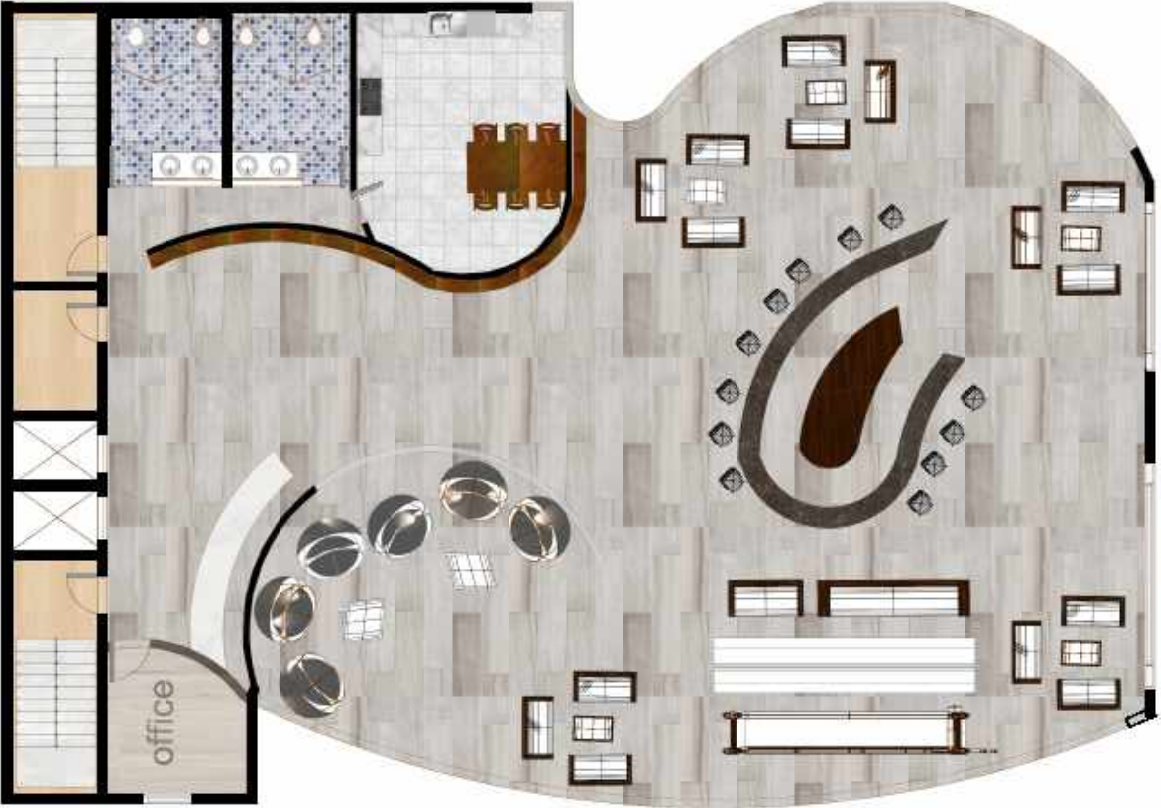


# HOSTEL

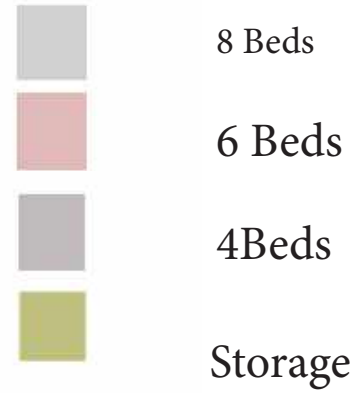
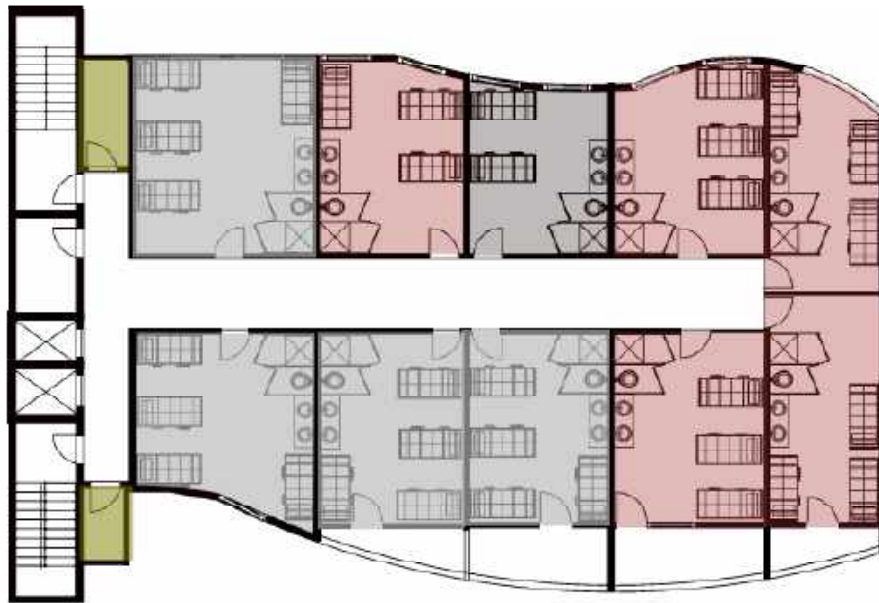




# Floor Plans of the lounge



# Second floor



## Room Types:

Per Floor :

8 Bed : 4

6 Beds : 5

4 Beds : 1

Private ; 0

## Per Building

8 Beds : 4

6 Beds : 5

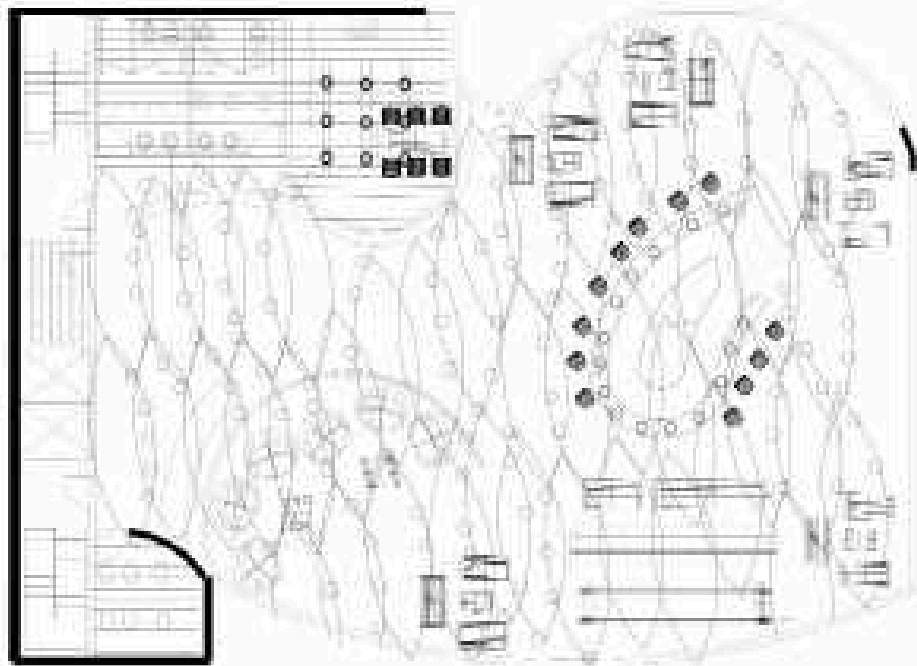
4 Beds ; 9

Private : 12

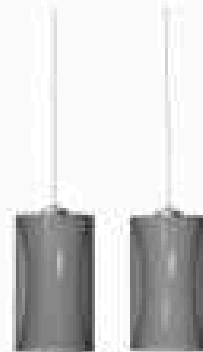
Total Beds : 110



# RCP of the lounge



○ kitchen light



○ bars light



○ Spotlight Lobby

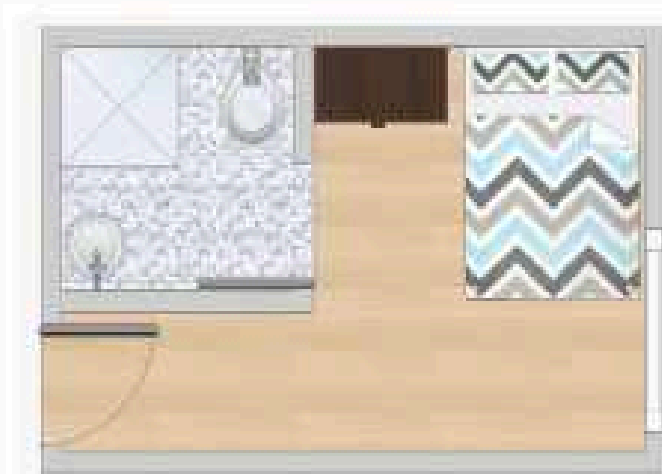


○ spotlight  
bathroom & storage

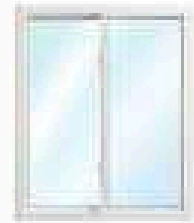
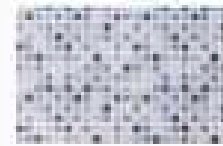
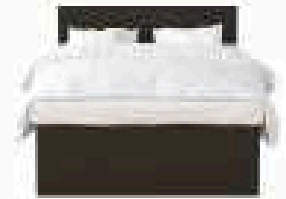


○ ring light

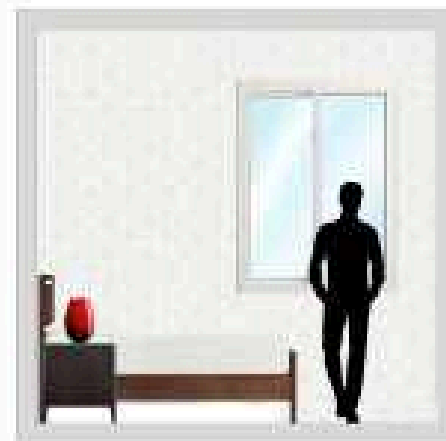
typical private bedroom



Floor plan



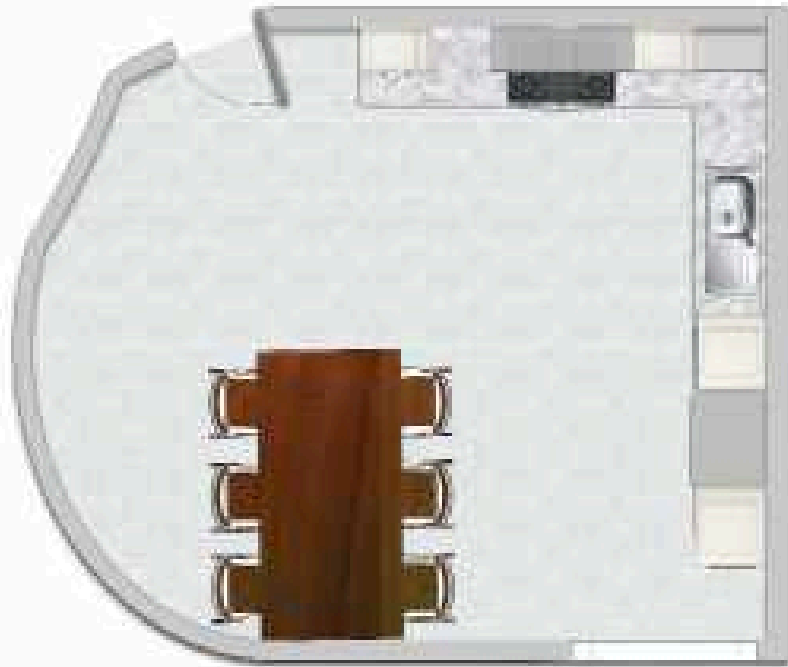
Section A



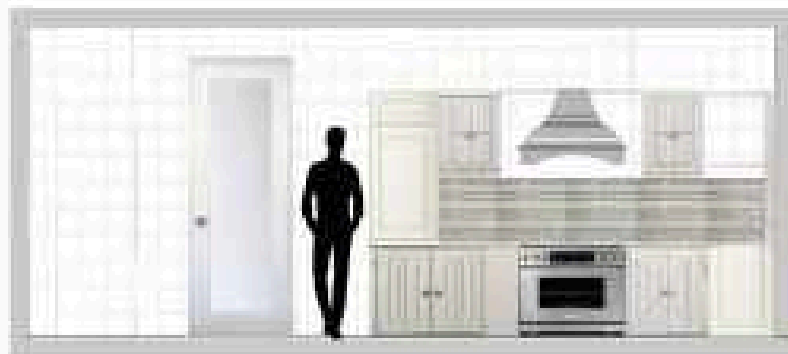
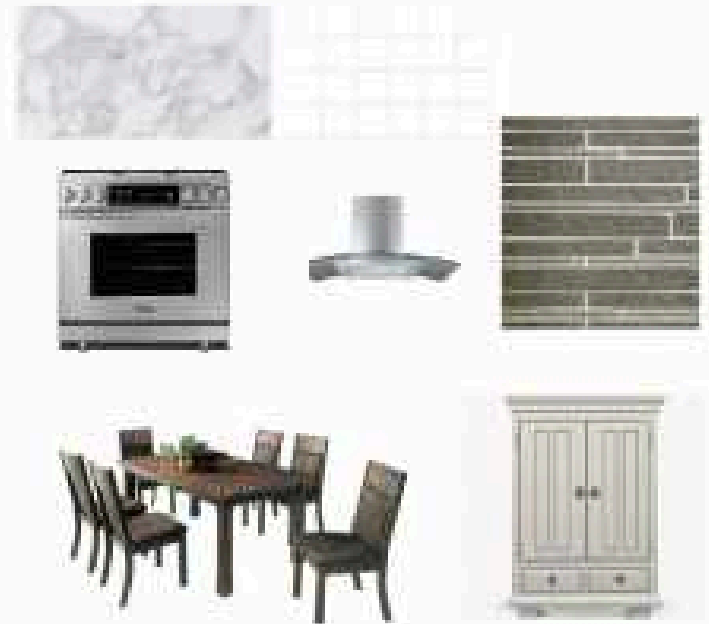
Section B



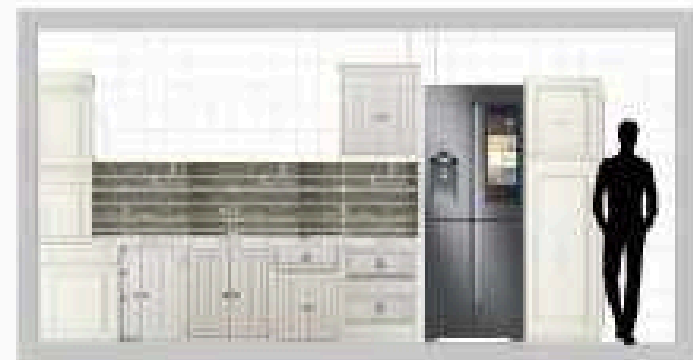
# Kitchen floor plan



Floor plan



Section A



Section B



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.



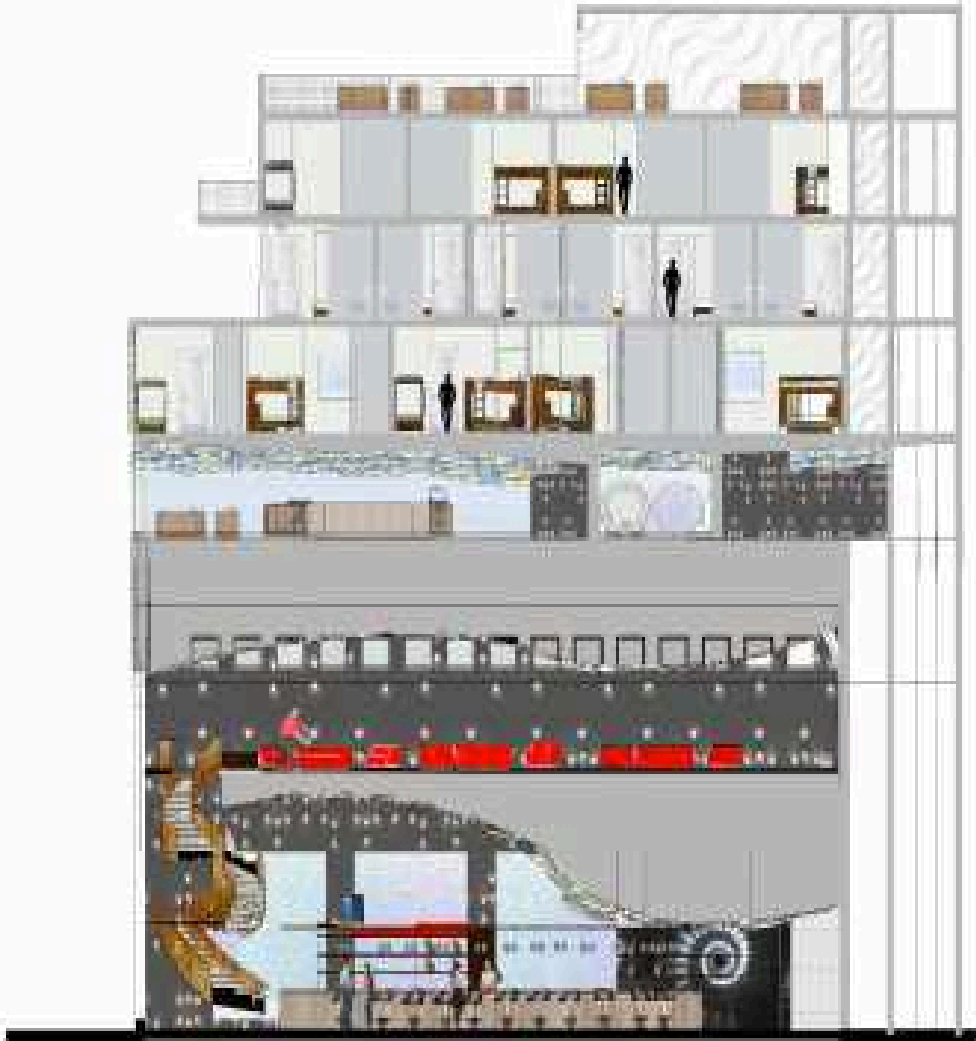


ELEVATION

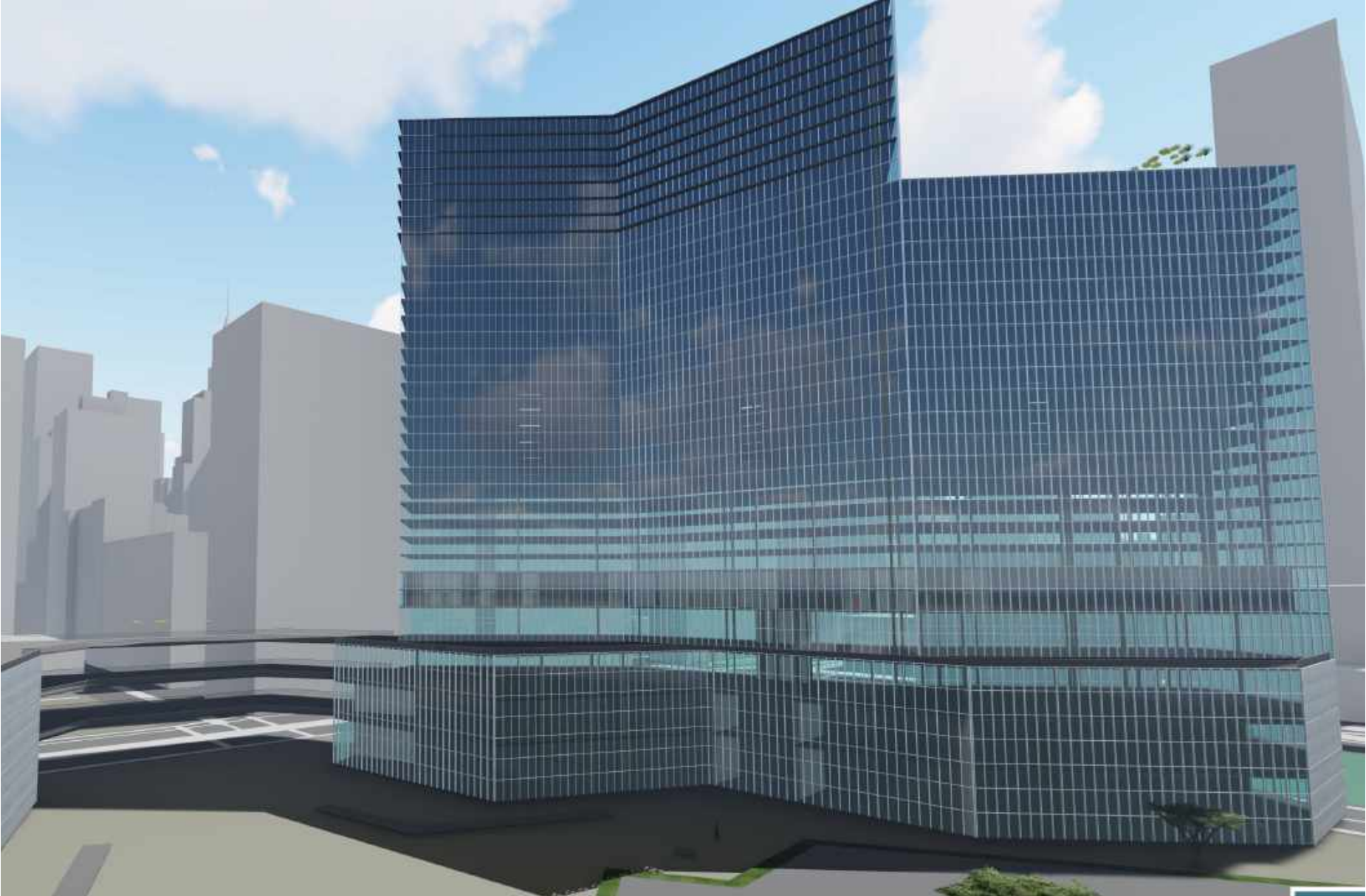


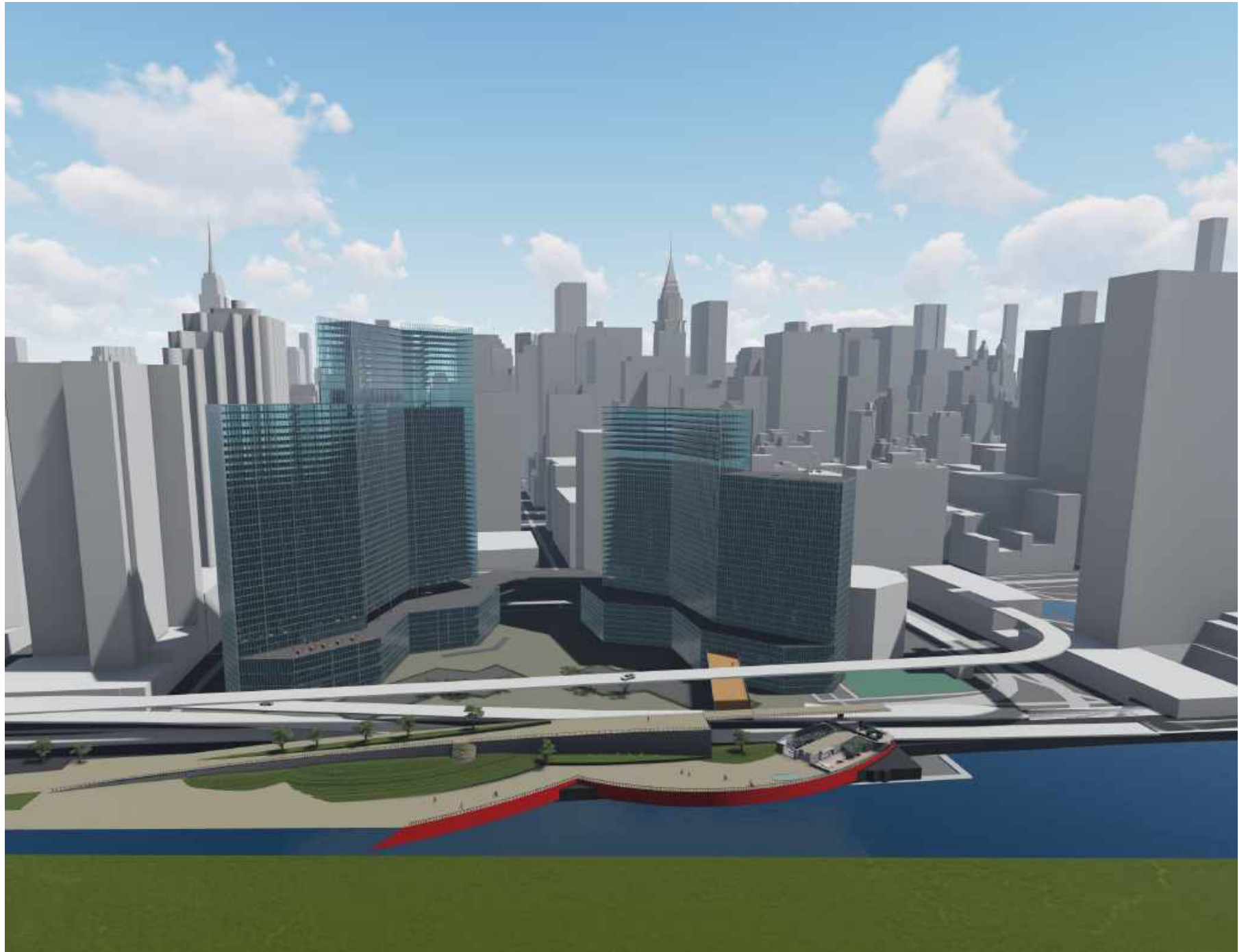


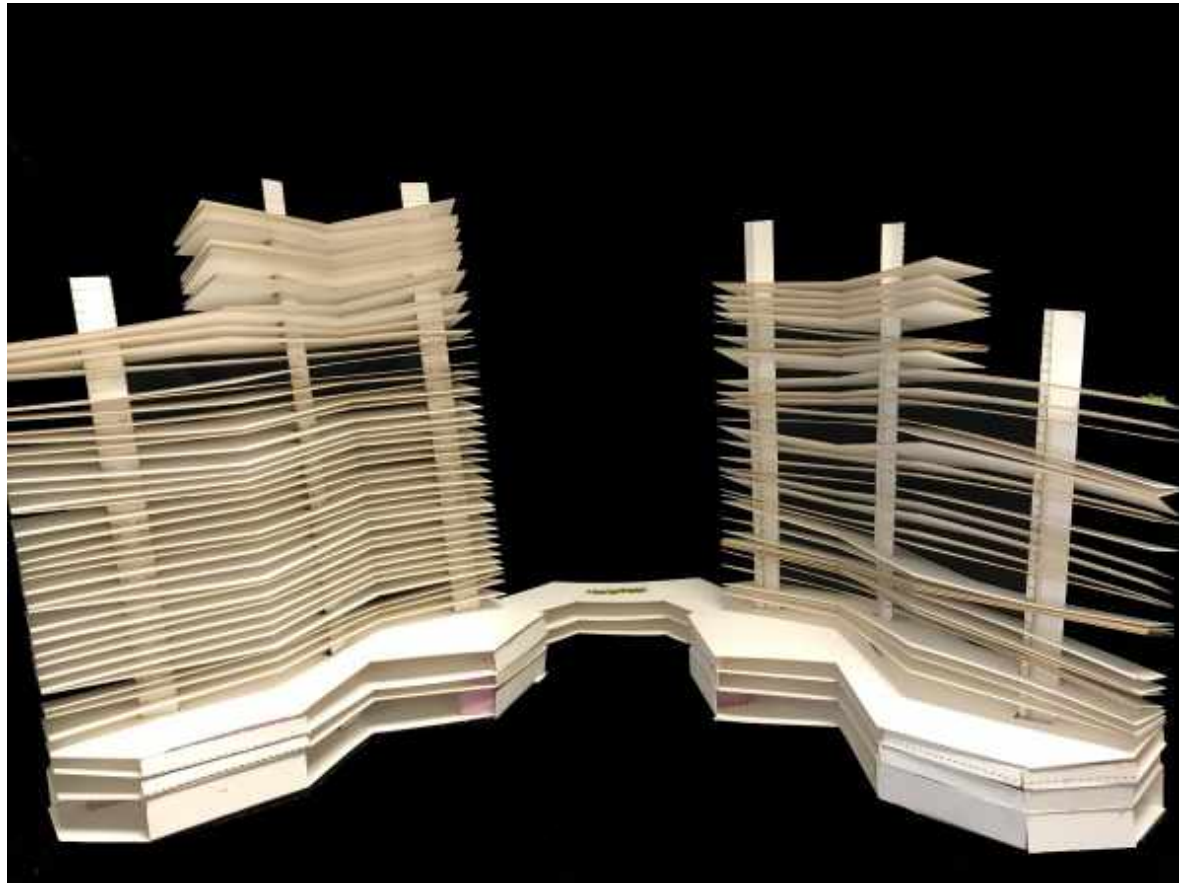
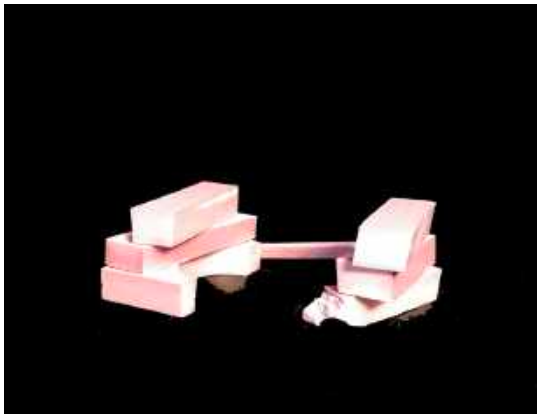
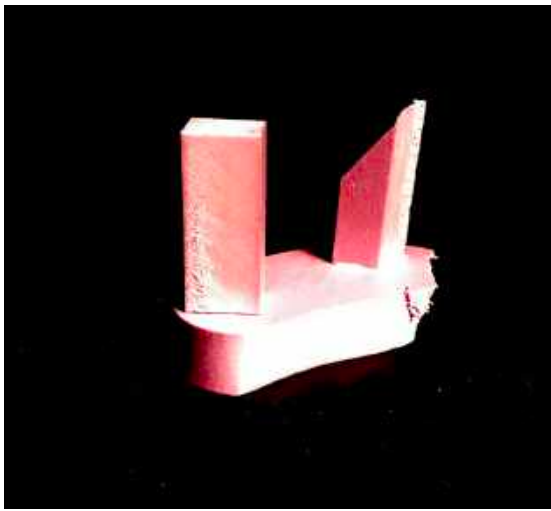
SECTION



# MIXED USE BUILDING



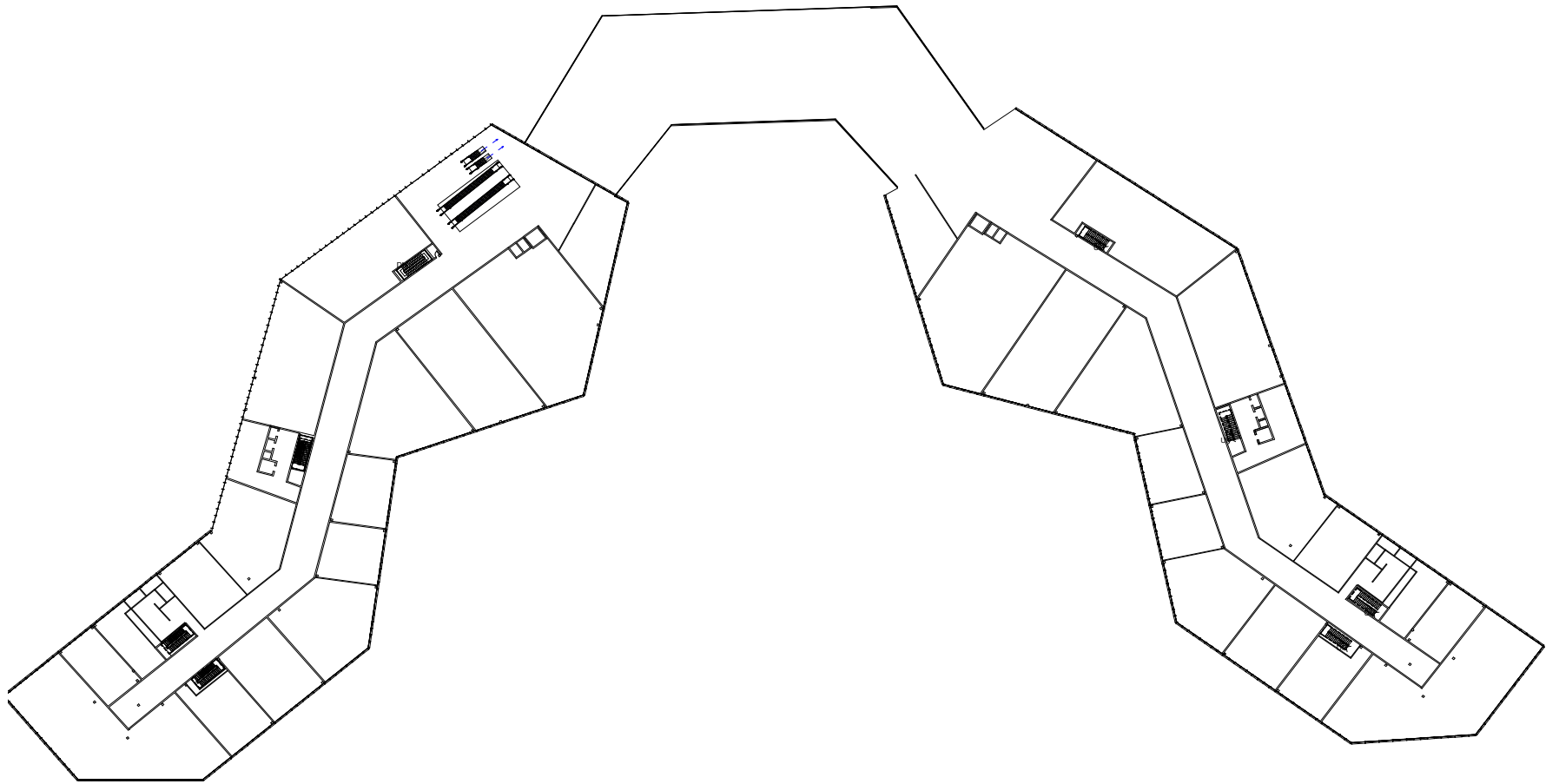




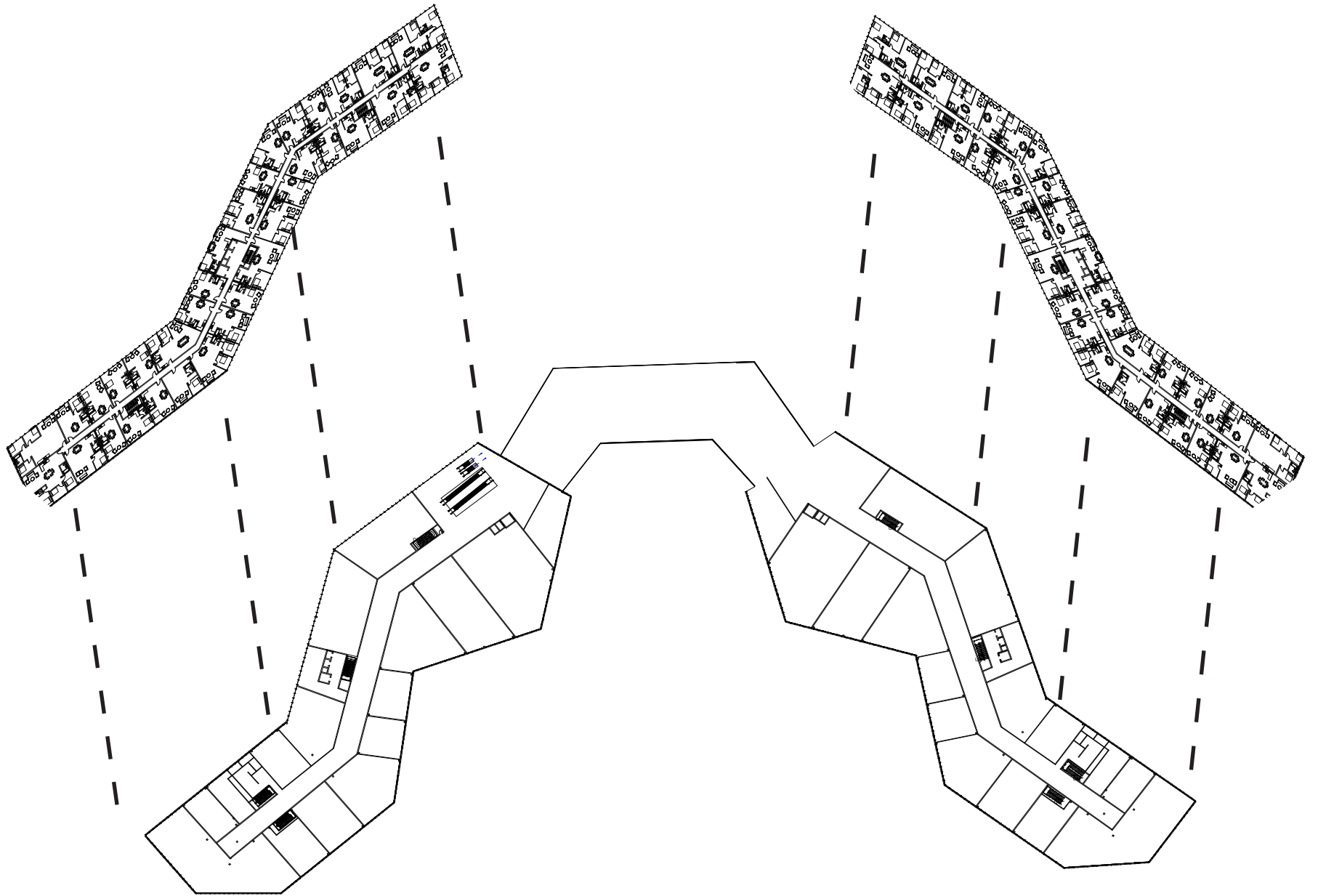
PROCESS







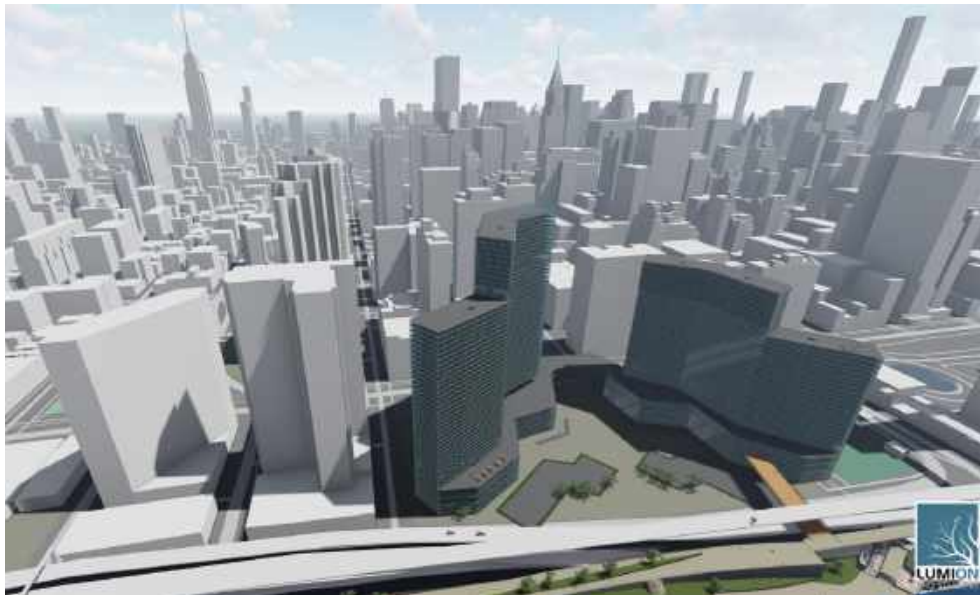
FLOOR PLAN LEVEL-1



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 shopping area in the first three floors. the upper levels have an apartments . there are two bedrooms apartment and three bedrooms apartments.





# HOUSE

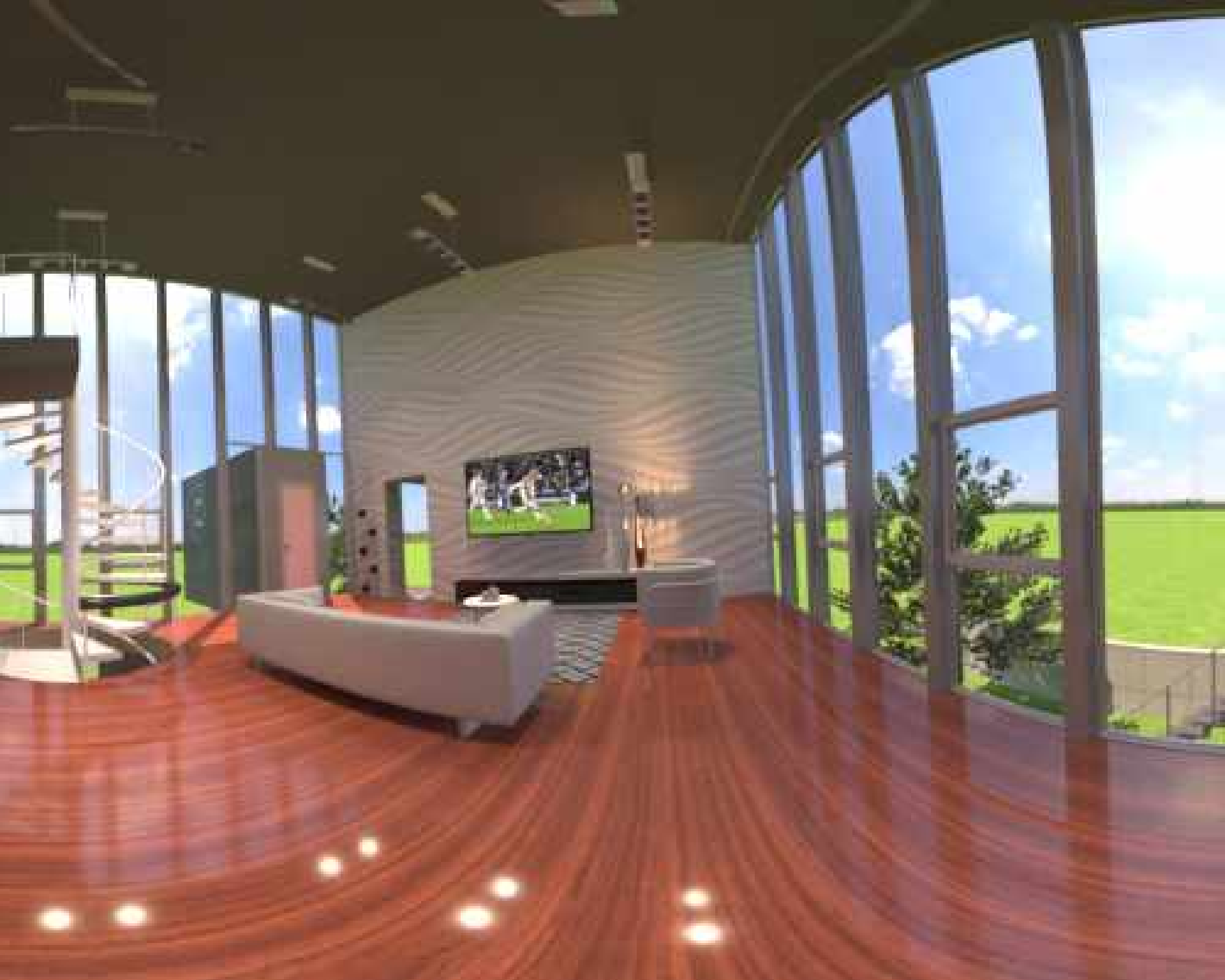




This house I added an exterior and interior materials. also I added furnture to give sense of reality.









# UPCYCLE GALLERY

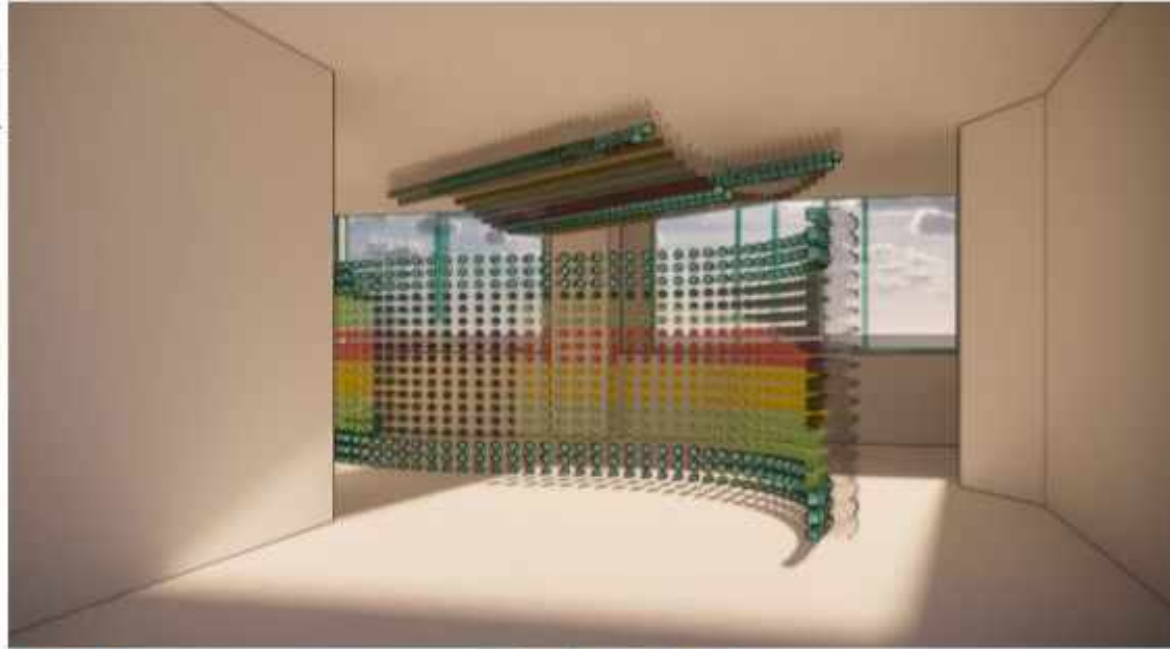
## UPCYCLE GALLERY

-FOR THE PROJET WE WERE GIVEN A BUDGET OF 200

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

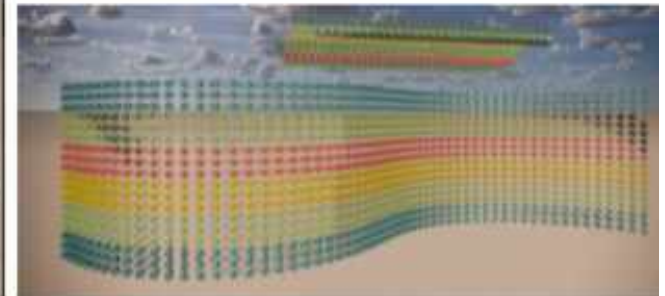
-WATER BATTLE WAS OBJECT THAT WE CHOSE, SO WE DECIDED TO UPCYCLE THE WATER BOTTLES TO EXPAND THE LIFE OF THE PLASTIC BOTTLES.

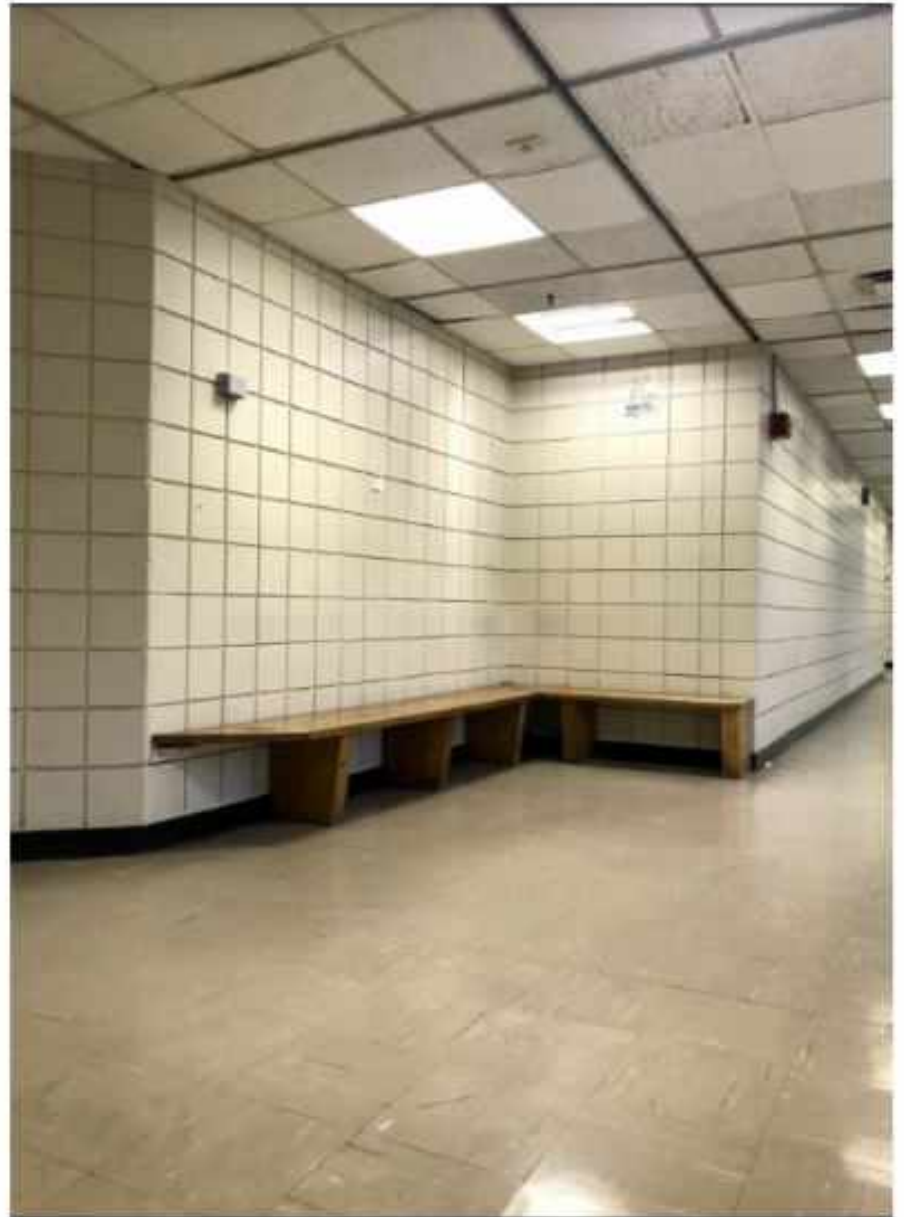
## IDEA

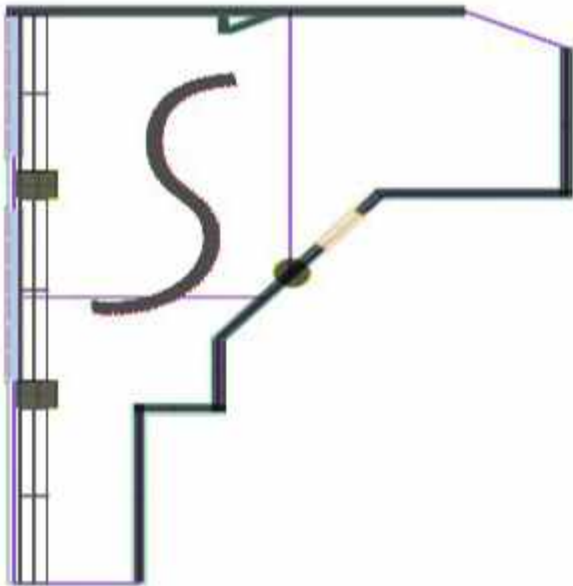


### BUDGETING (TOTAL)

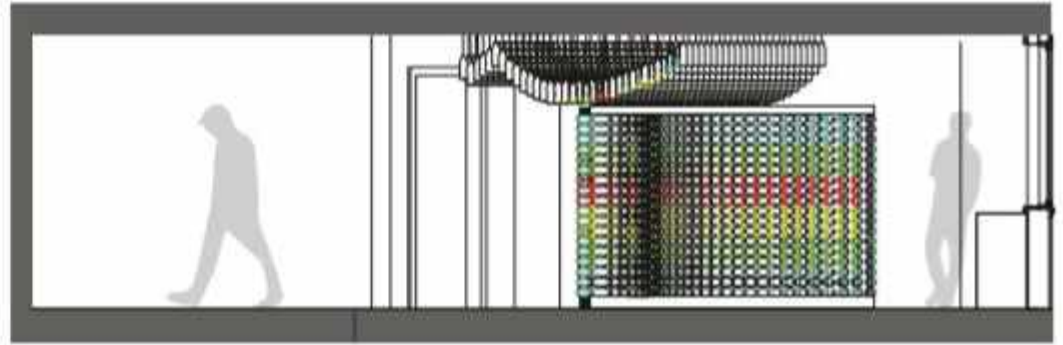
Plastic Bottle	FREE (Collect from st
Natural color dye	
Threaded wire	
Natural Disinfectant: (Baking soda, Vinegar, Lemon)	
Others	



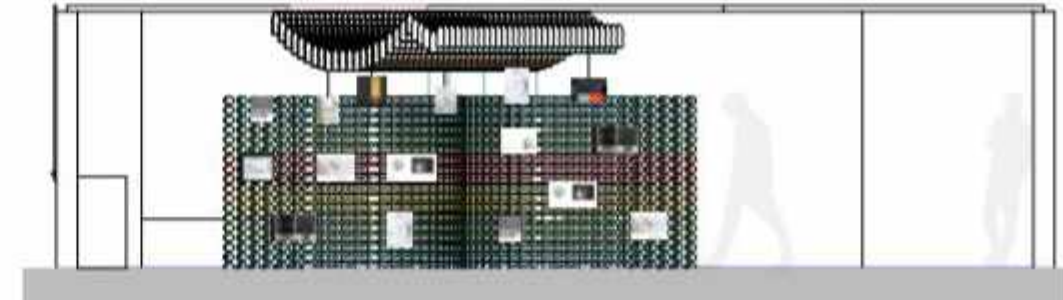




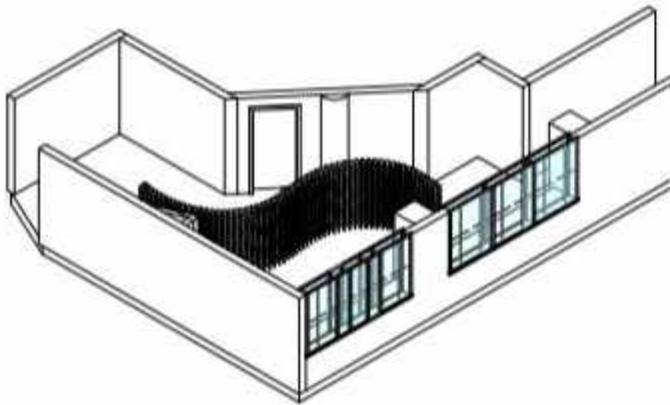
FLOOR PLAN



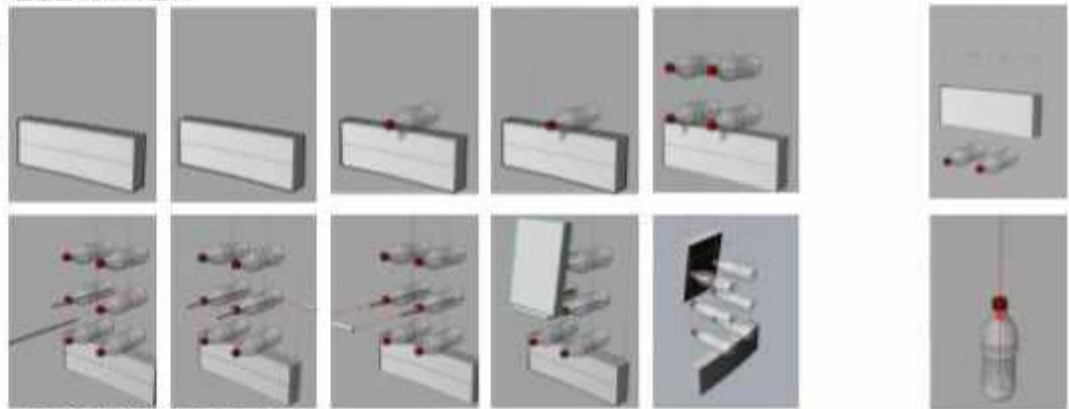
SECTION



ELEVATION



AXON DRAWING



ASSEMBLY DETAIL



