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# PORTFOLIO

ByungSoo Kim



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# 01 CASA DE ZAPATOS RESIDENTIAL PROJECT

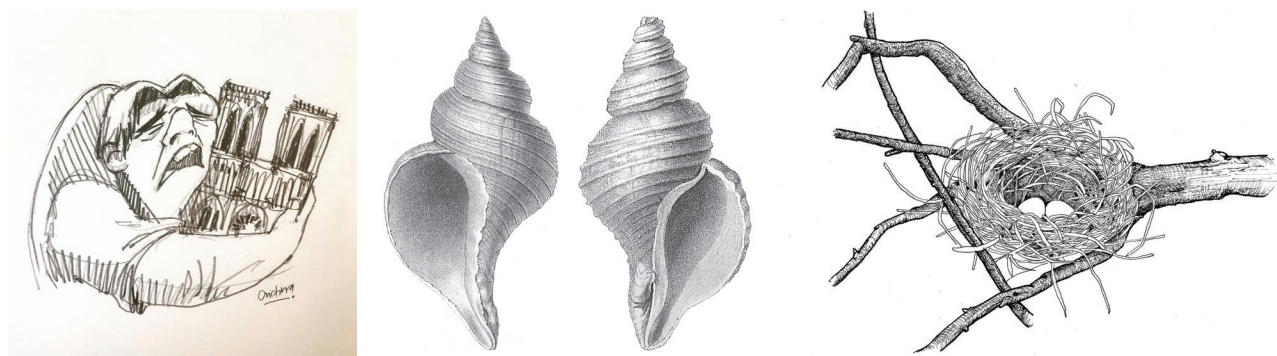
- 1065 FULTON BROOKLYN, NY



To each animal, their house is a refuge. For snails, they form their own shell to protect themselves and to fit themselves inside the shell. Snails make their own geometry inside their own house. This residential project started from considering a space that could embrace the client's program and their needs.

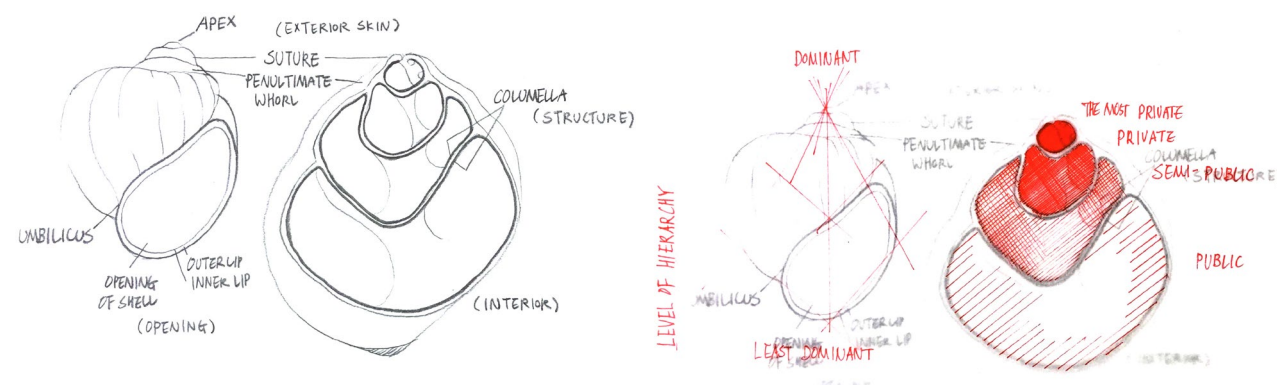
This project is about designing a shelter that protects occupants, especially the grandmother and daughter who have certain circumstances which is having a hard time going out. To others, it is just an apartment, but to them, it is a shelter and refuge from the external world.



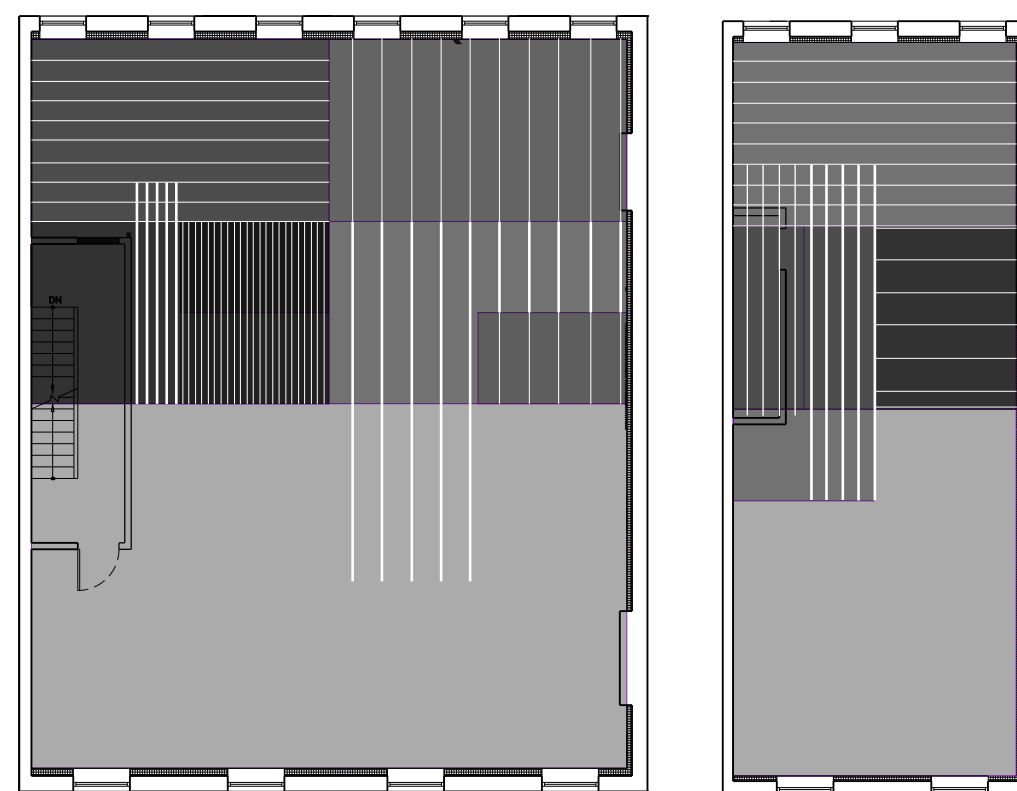


## Inspiration -Shell Diagram&Geometry

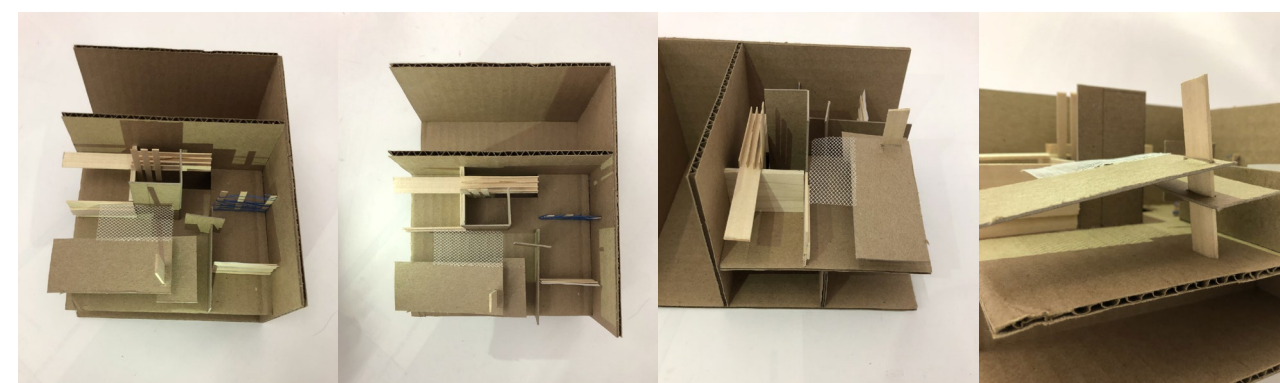
To each animal, their house is a refuge. For snails, they form their own shell to protect themselves and to fit themselves inside the shell. For rats, a hole keeps them safe, burrow for the rabbits and a church for Quasimodo. In case of the birds, they build their own nests to protect themselves by hiding from the predators. If the nest were found by other creatures, including humans, the meaning of their nest loses its meaning of refuge and eventually abandoned. In our perspective, nest is still a nest. No matter if we see the nest with or without the birds living there, the concept of the nest does not change to humans' perspective. However, to the subject of the nest, birds, the idea of their house lost its meaning and function. To sum up the idea of this chapter, **the true meaning of the house is genuine only when it is occupied by the user and it satisfies the needs of the owner.** To bring this concept to my design, I am thinking about **a shelter that protects the occupants**, especially the grandmother and daughter who have certain circumstances which is having a hard time going out. To others, it is just an apartment, but to them, it is a shelter and refuge from the external world.



To bring this concept to my design, I am thinking about **a shelter that protects the occupants**, especially the grandmother and daughter who have certain circumstances which is having a hard time going out. To others, it is just an apartment, but to them, it is a shelter and refuge from the external world.



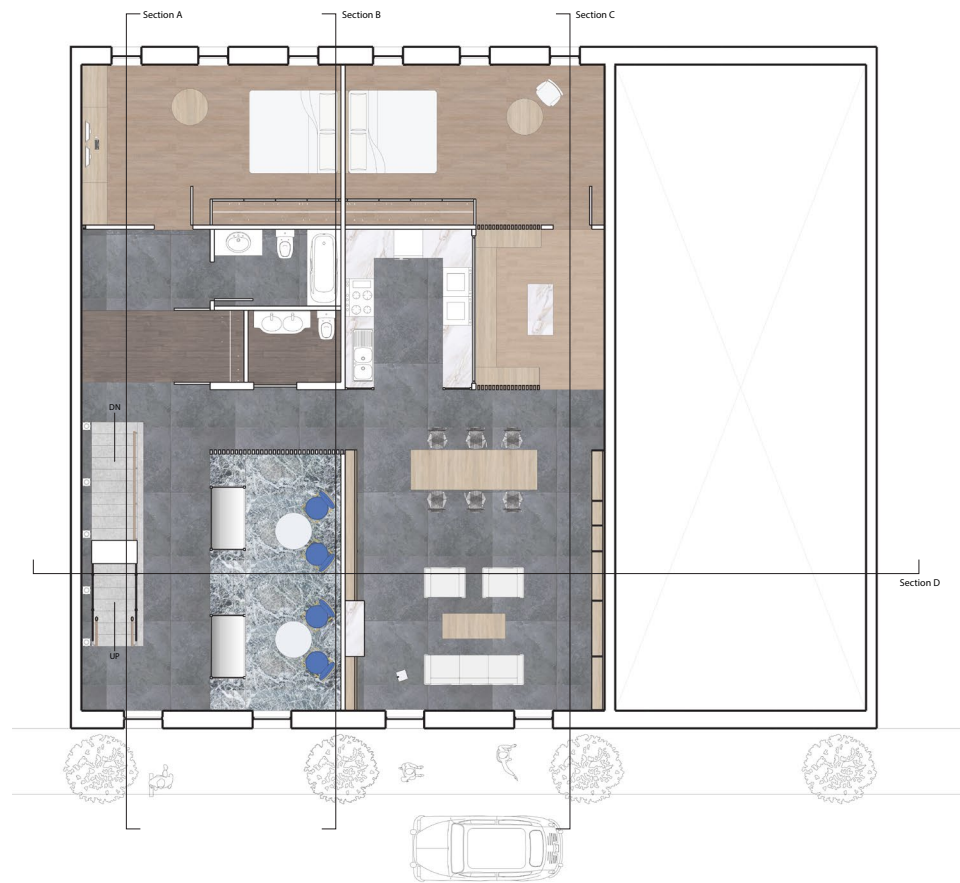
Spatial Quality Diagram



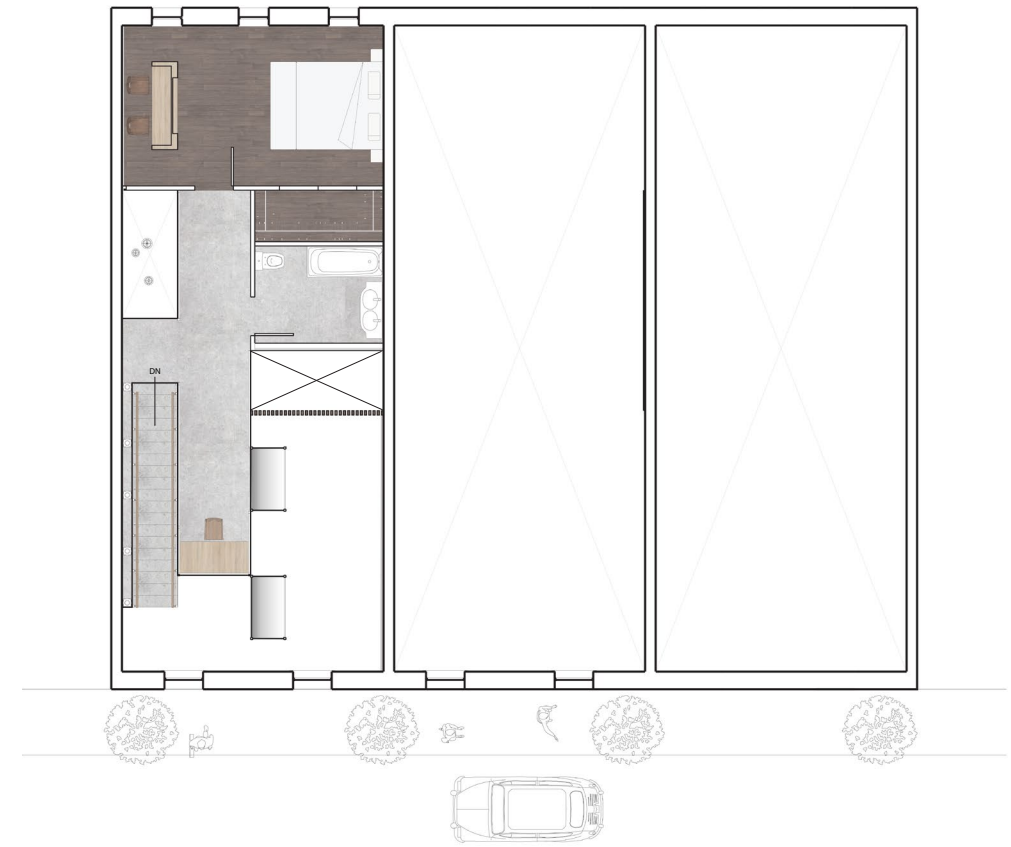
Concept Physical Model

Through this model, I wanted to show the relationships between each space. Through the level of transparency of the material, I wanted to show **how each spaces are embedded to the other space and how they are separated both physically and conceptually.** Since the plan is rectangle, I think **the role of hallway that connects south and north parts is important.** I placed the daughter's room the most private and isolated space based on her needs. The lobby space where clients of father and grandmother's business can visit, will be located in front of the front door. Next to the lobby space is grandmother's tailoring room, and grandmother's room is embedded to the tailoring room. For the Parent's space, I located on the upper level to show the different quality of space based on the level change. Since they don't have physical challenges, the upper level will be the most suitable for the parents.





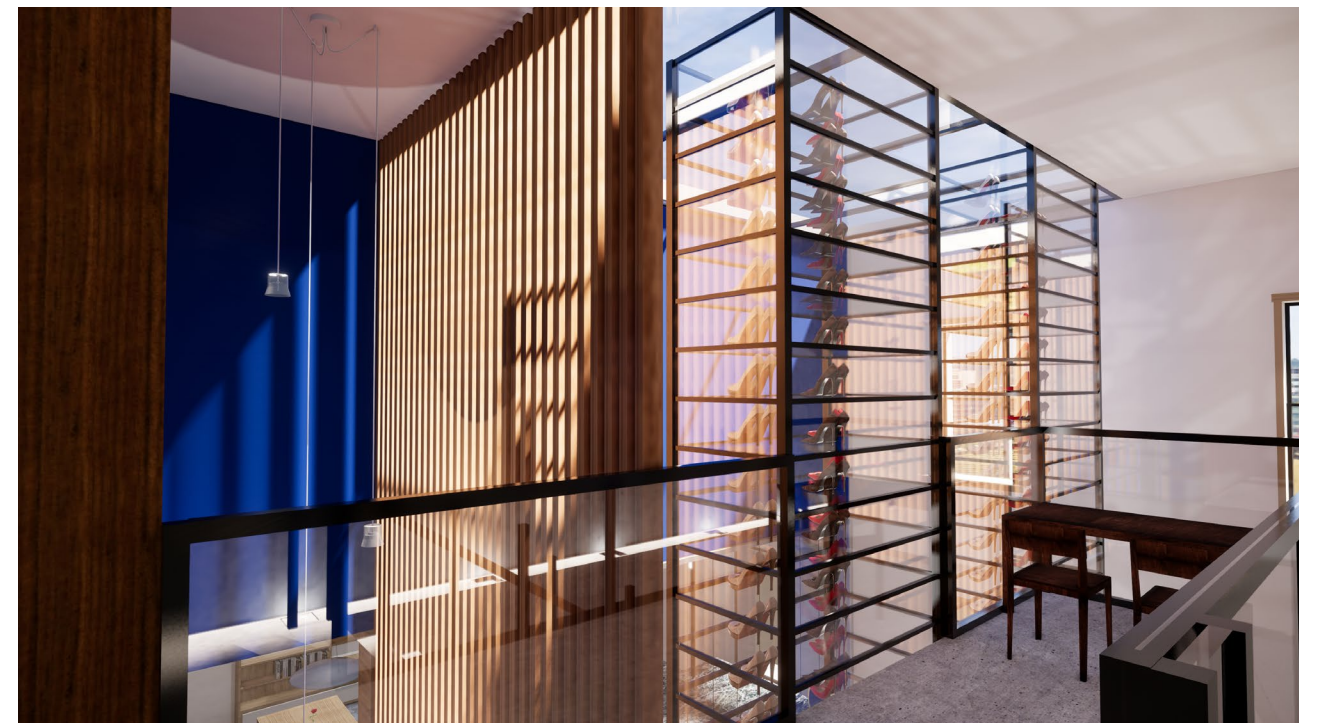
Floor Plan - 2nd FL



Floor Plan - 3rd FL



Living Room



2nd FL Lounge

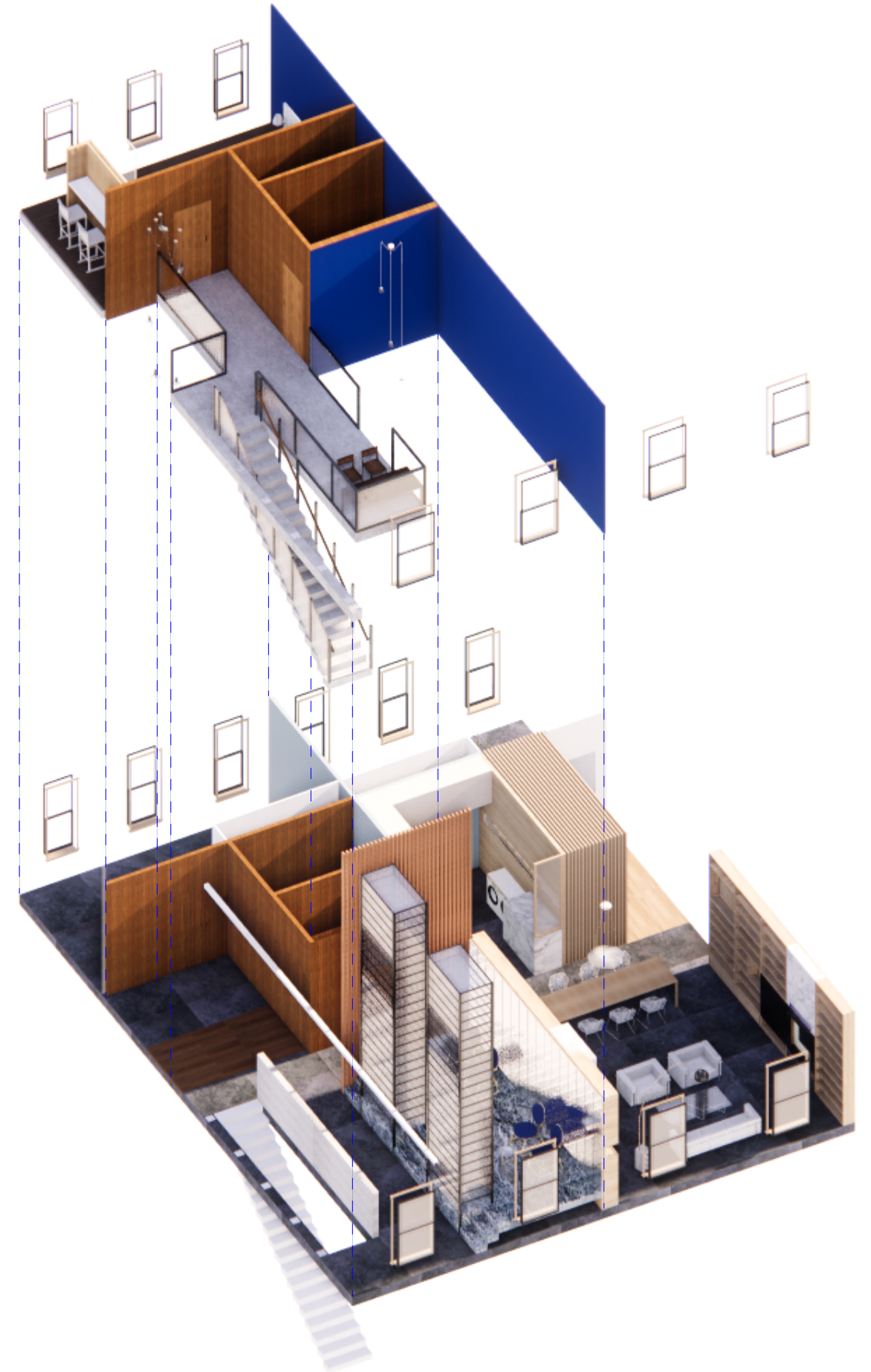




Work Space



Showcase



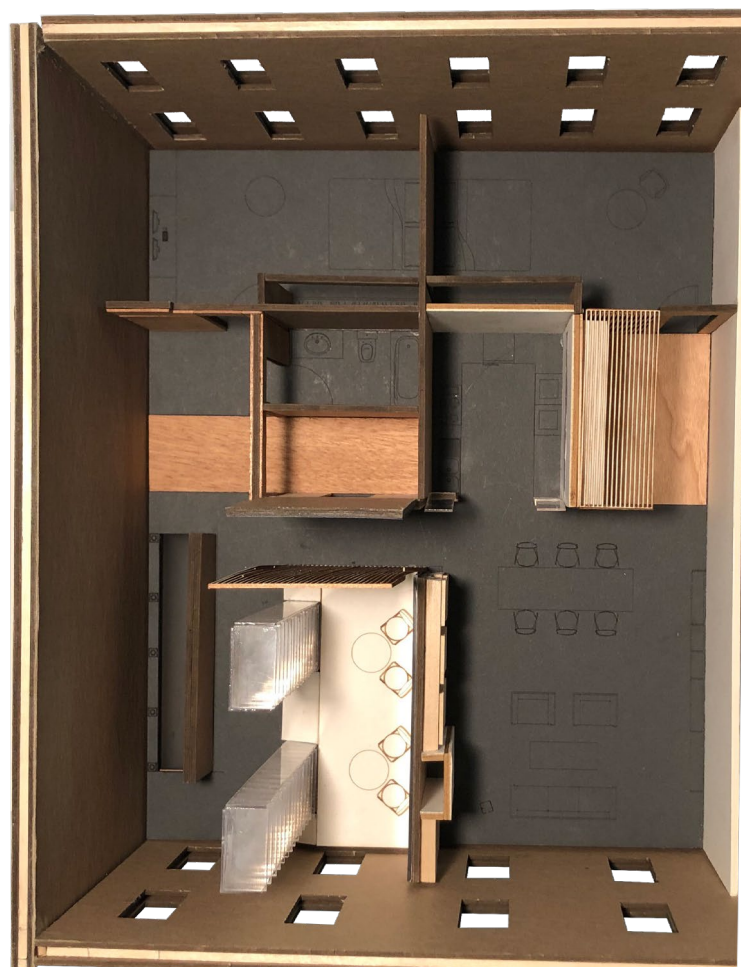
Exploded Axonometric



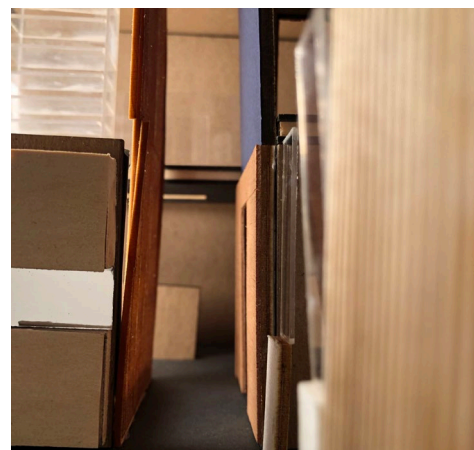


LivingRoom





1st Floor



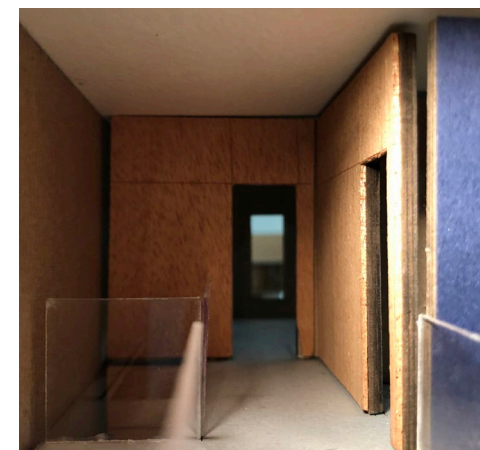
Hallway



Hallway



2nd Floor



2nd FL Lounge



Livingroom



Sections



## 02 LET IT FLOAT RESIDENTIAL PROJECT

- 80, GANGSEO-GU, BUSAN,  
REPUBLIC OF KOREA

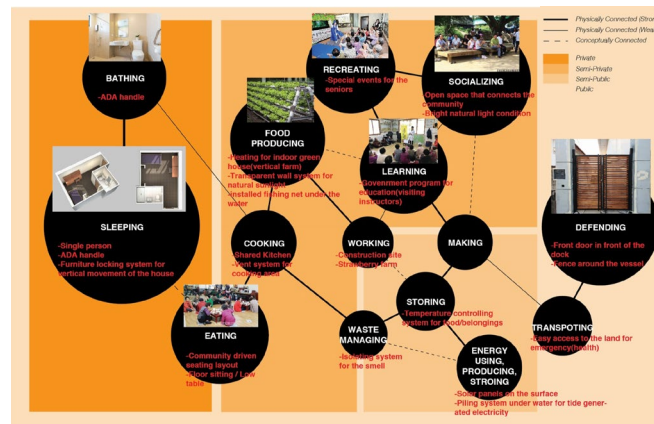


There are people who are about to get evicted due to the development project. The residents who lived above the water are in danger of losing their home. Furthermore, under the effect of climate change and rise of the sea level, their ground is not stable to live in. This project started from the idea that how can we protect their home, and how can it survive by itself from global warming. Also by respecting people's living environment above water, who are about to get evicted, this project tried to weave and bond the sense of family. The occupants can keep their own community/privacy depending on the expansion/contraction of the space.

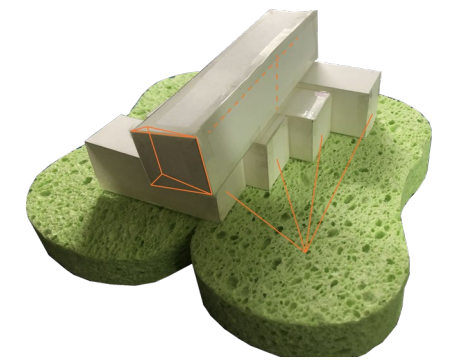
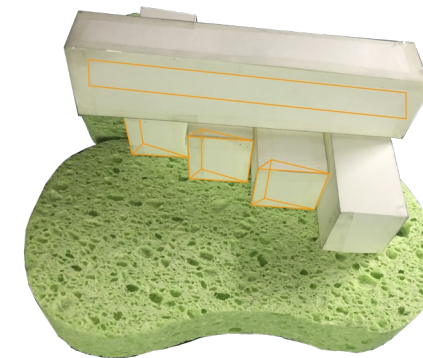
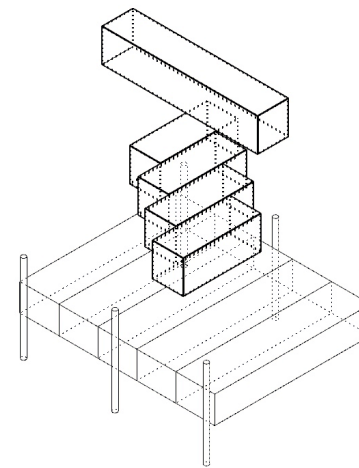




UN Sustainability Goal

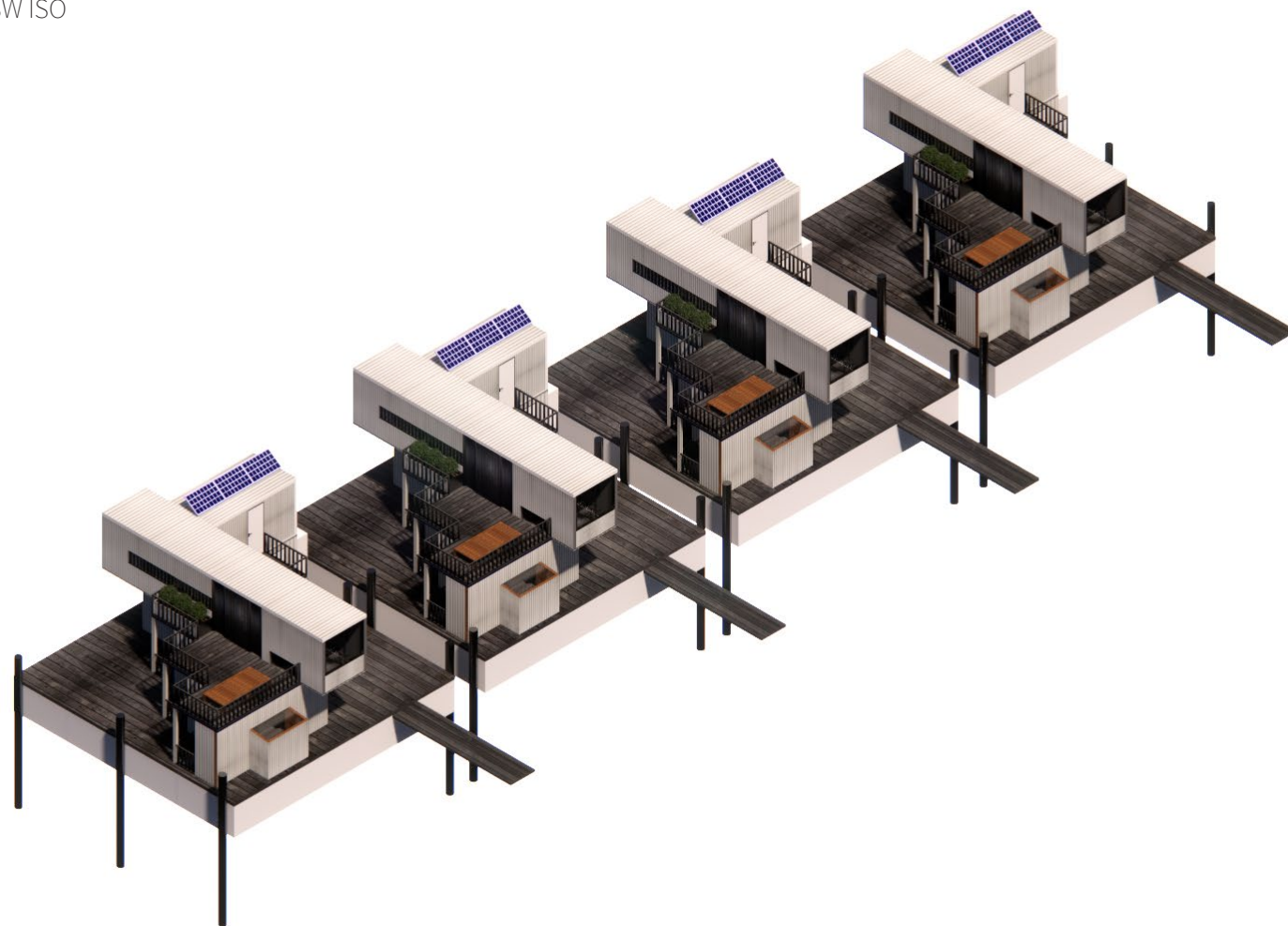


Program Diagram

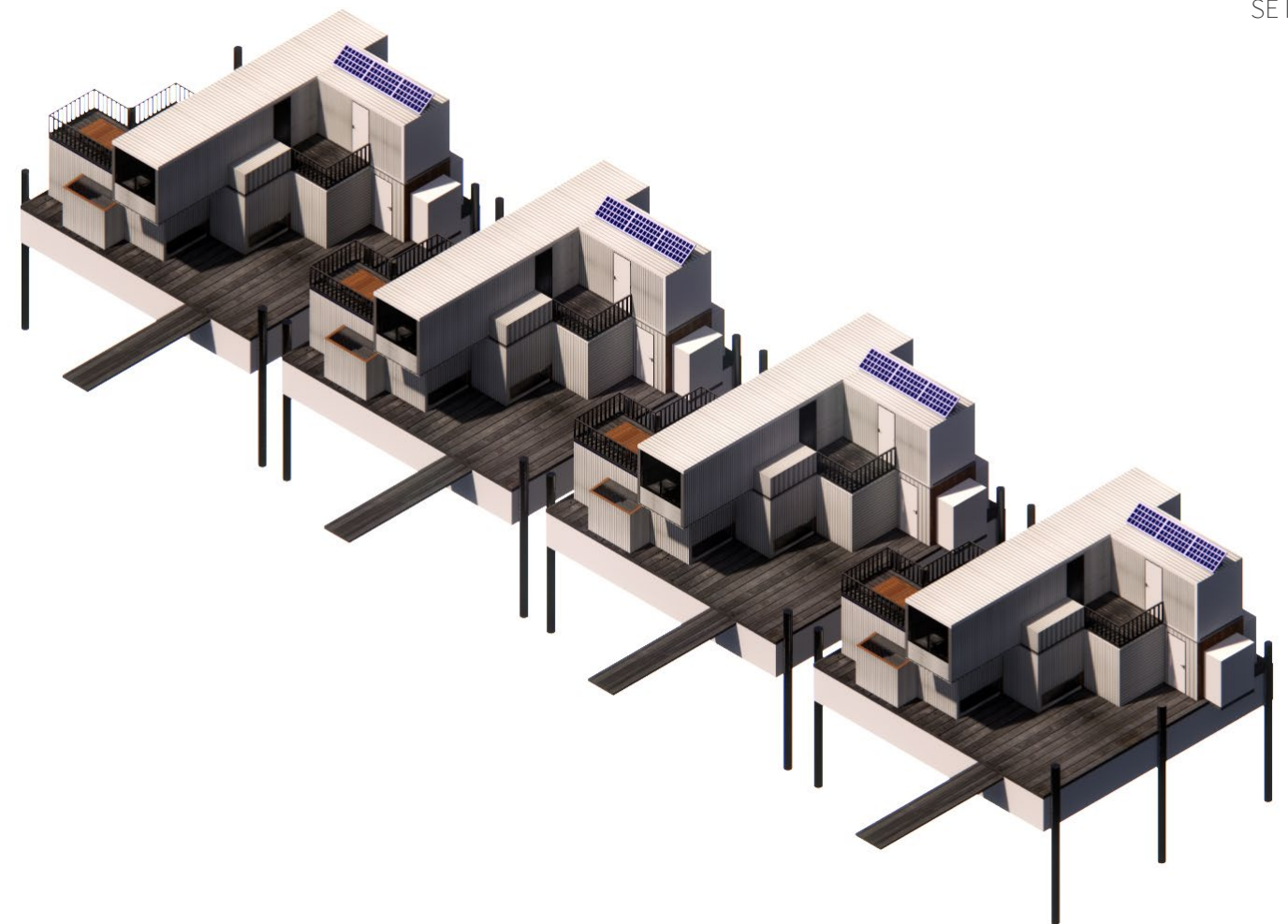


Concept Development

SW ISO

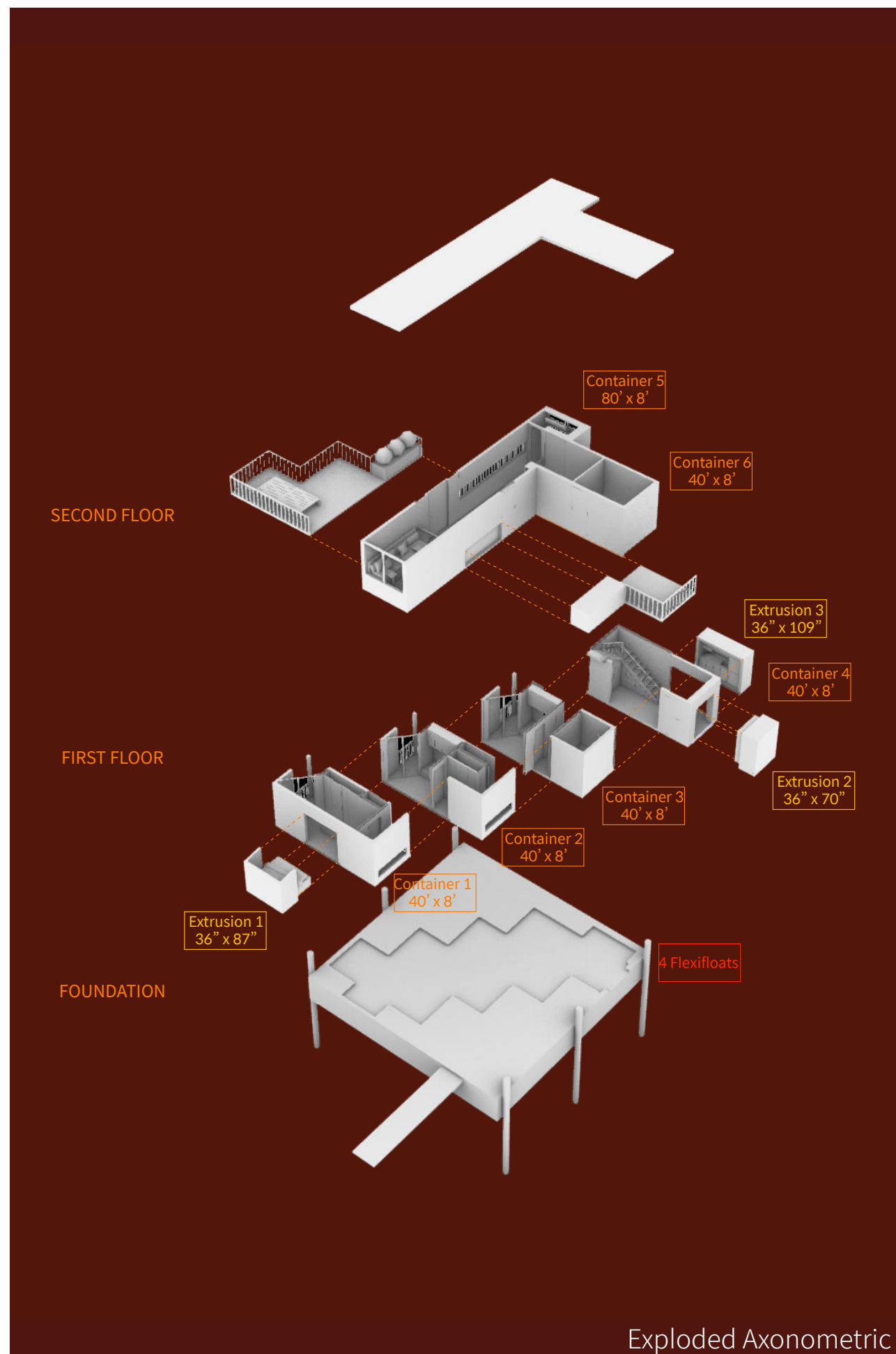


SE ISO



Nesting Collage





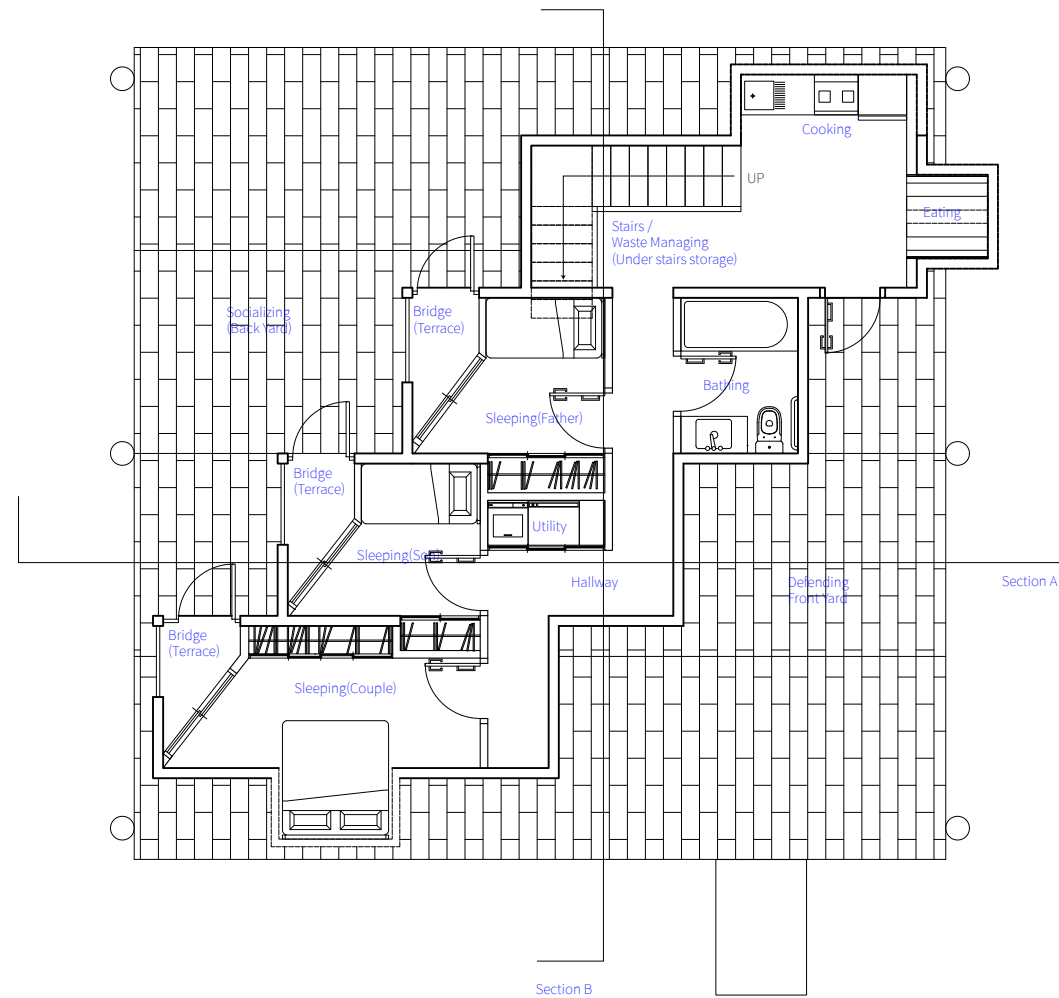
Exploded Axonometric



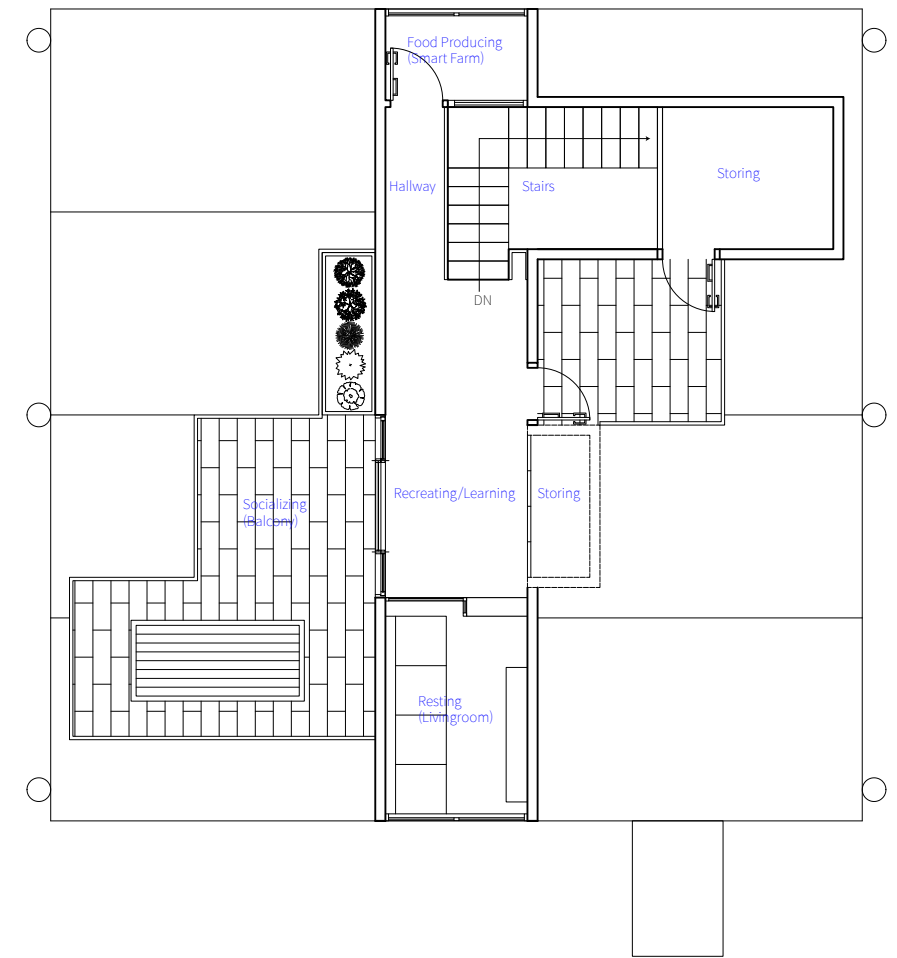
Kitchen



2nd FL Livingroom



Floor Plan - 1st FL



Floor Plan - 2nd FL

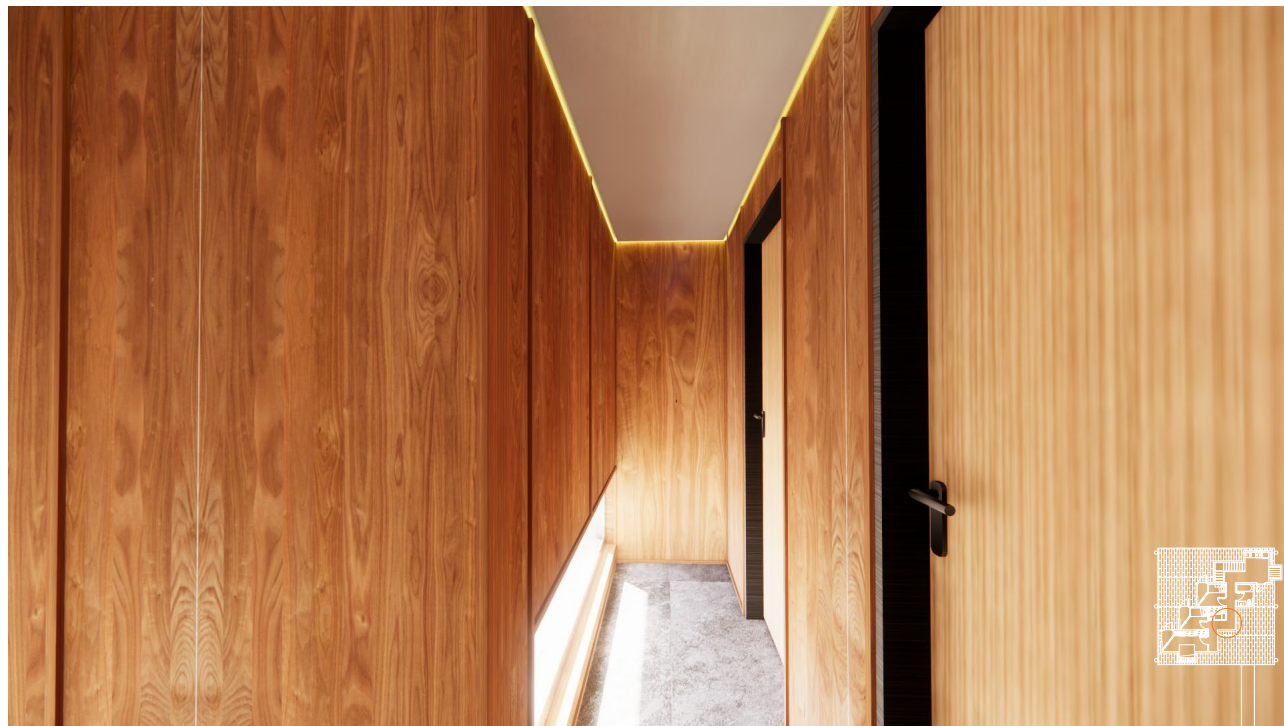


Bathroom



2nd FL Livingroom

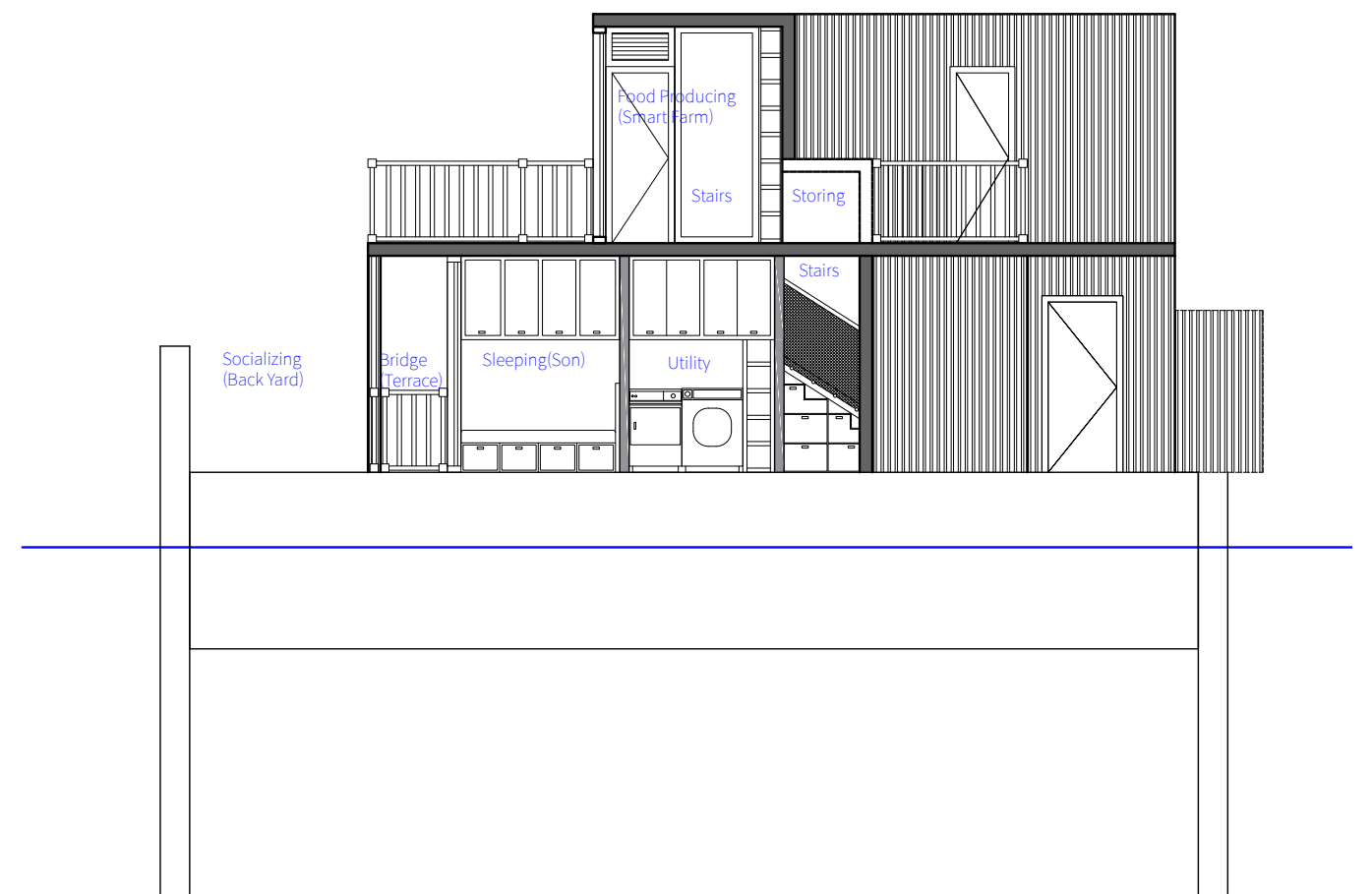
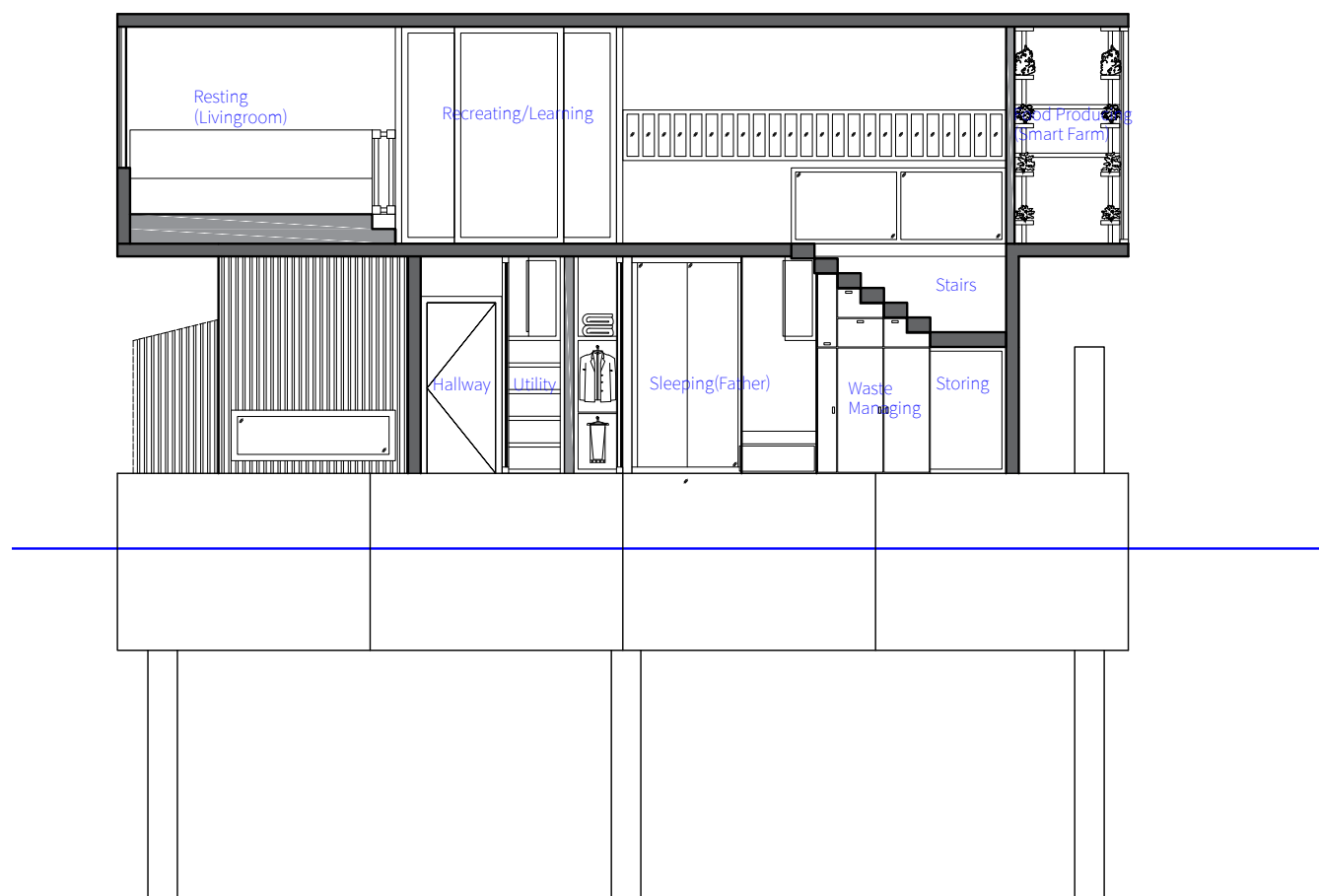




Hallway



Indoor Farm



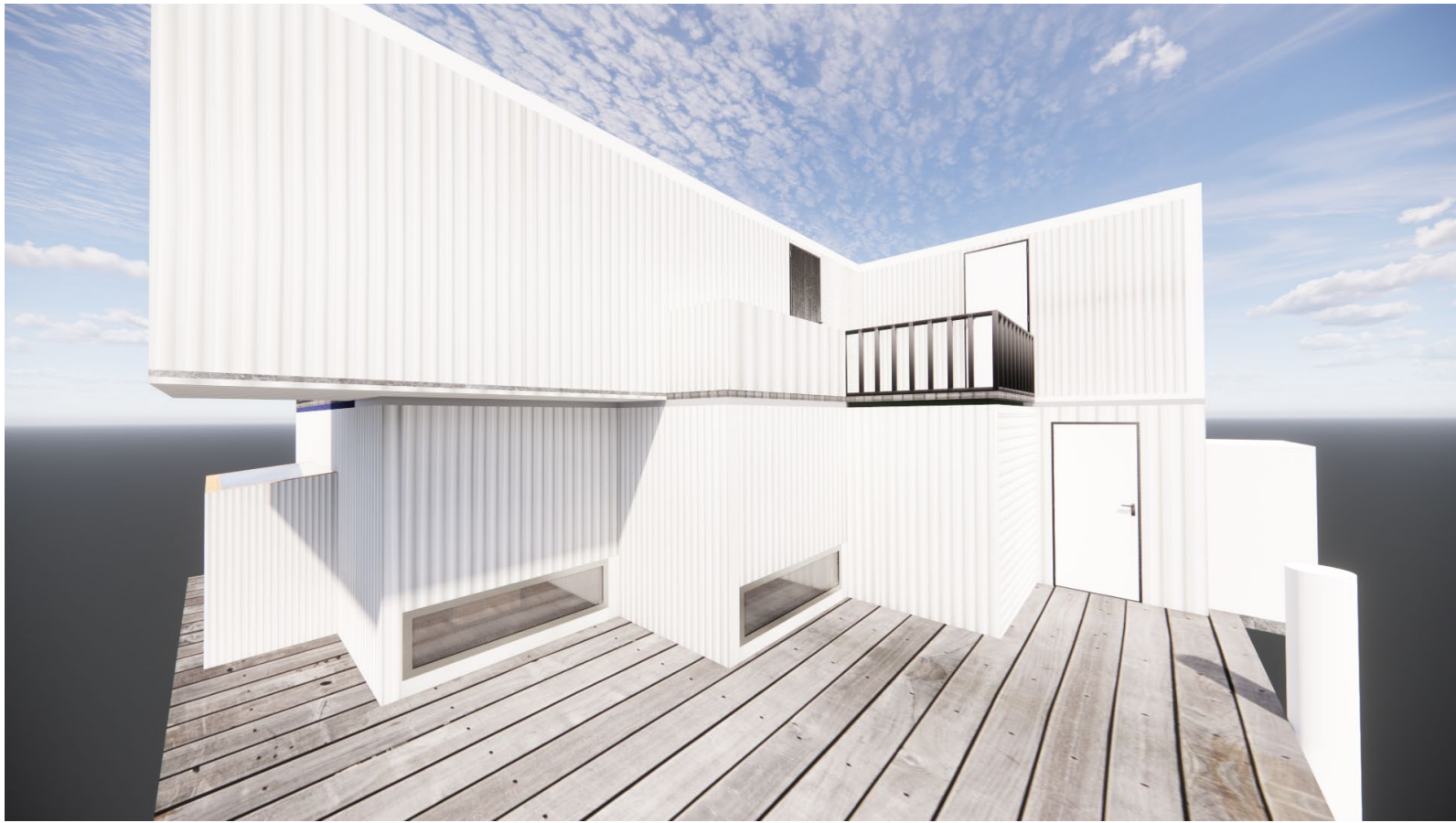
Sections





Stairs from Kitchen





Exterior(Front)



Exterior(Back)

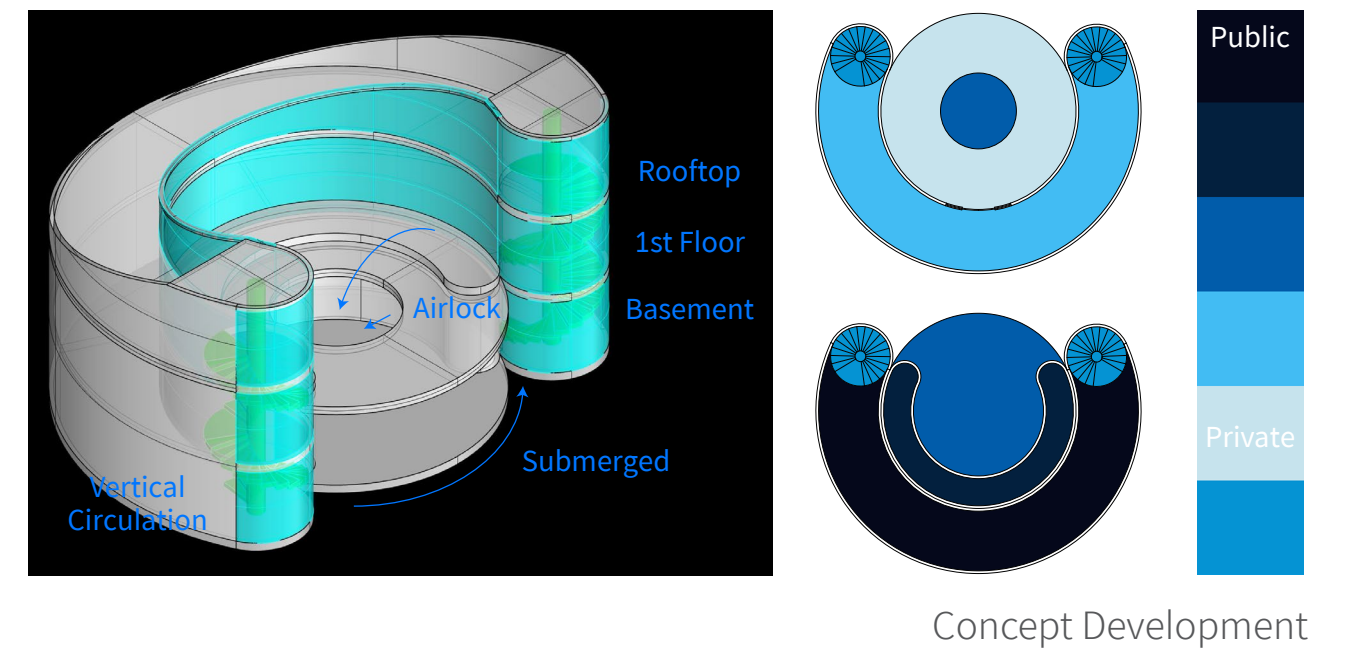
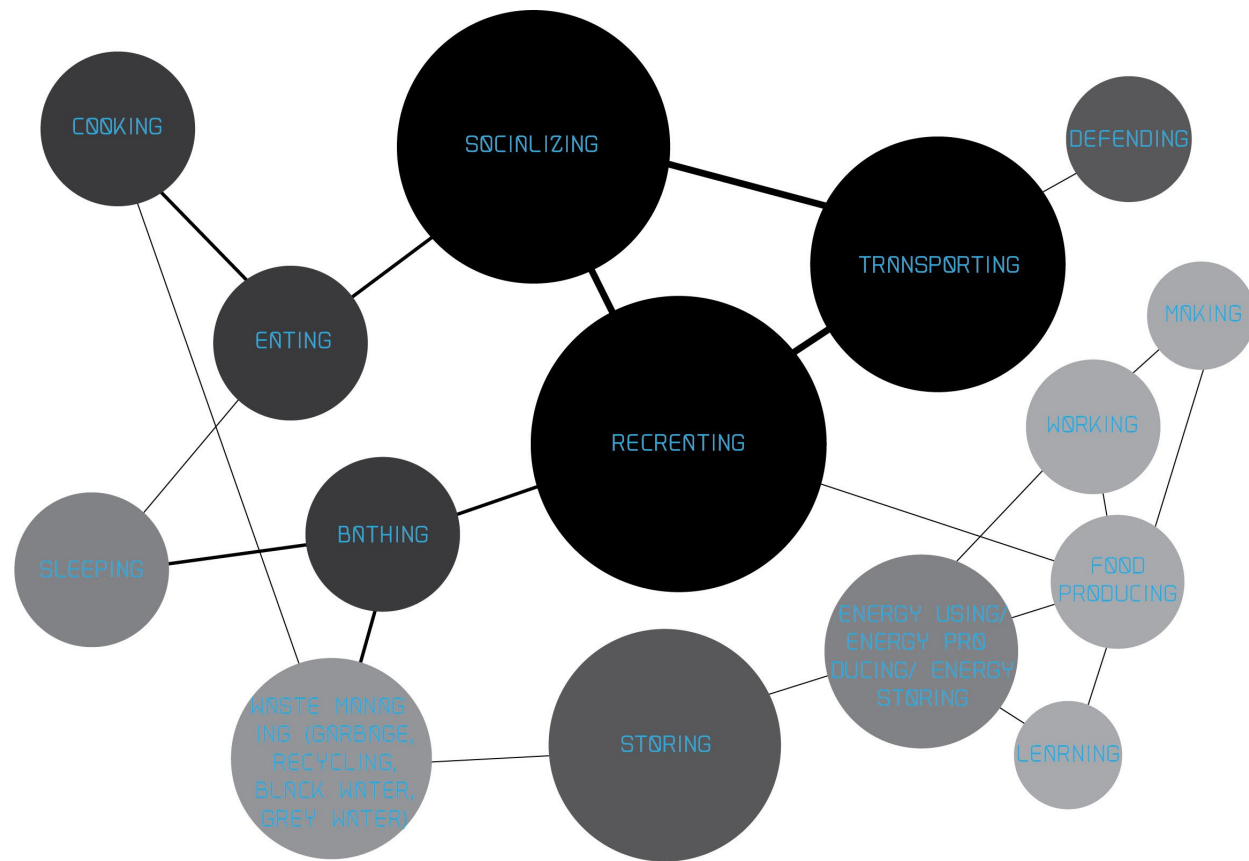
## 03 LET IT SOAK RESIDENTIAL PROJECT

- HAEUNDAE-GU, BUSAN,  
REPUBLIC OF KOREA

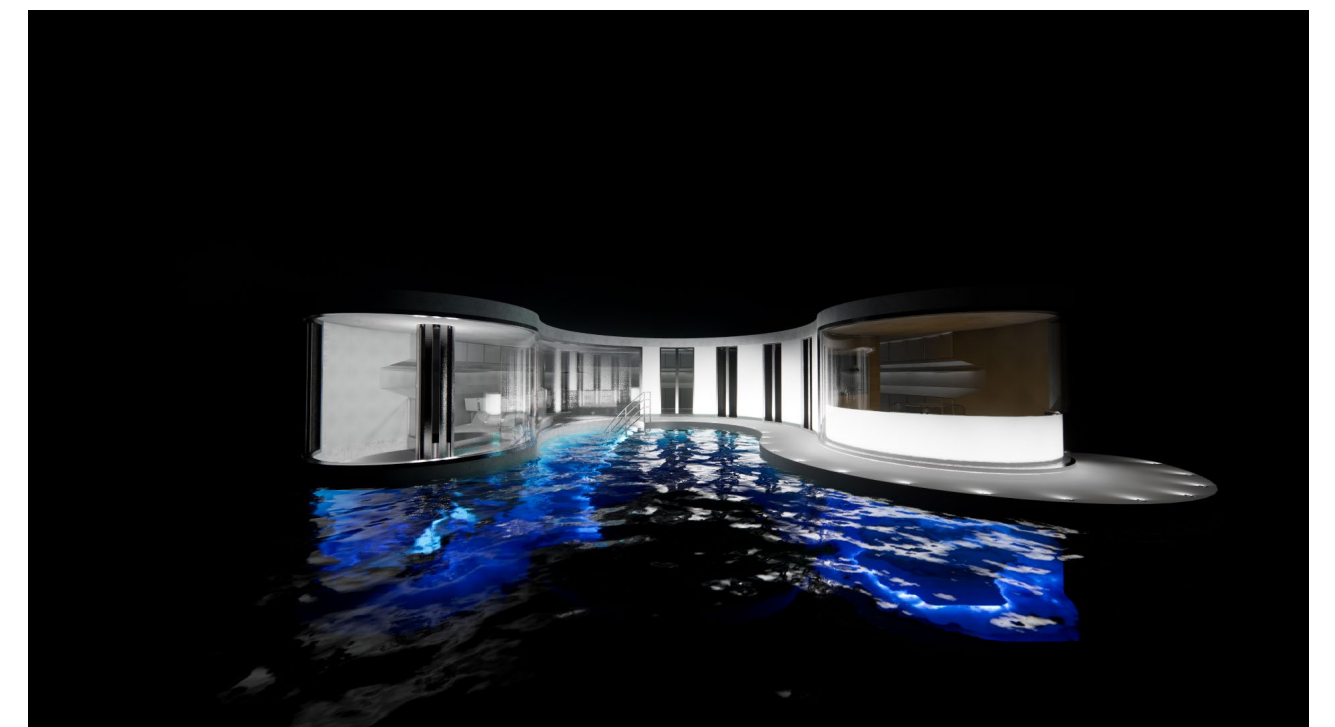


In the previous project, I explored how people can co-live with nature. With technology and design, people can thrive in their life and culture. In the second project, I would like to explore how people are limited compared to nature. Even though people conquer nature in their own way, we are no more than a microorganism in the scope of the ocean. This project celebrates the technology we have but at the same time, gives us a chance to realize how fragile we are.



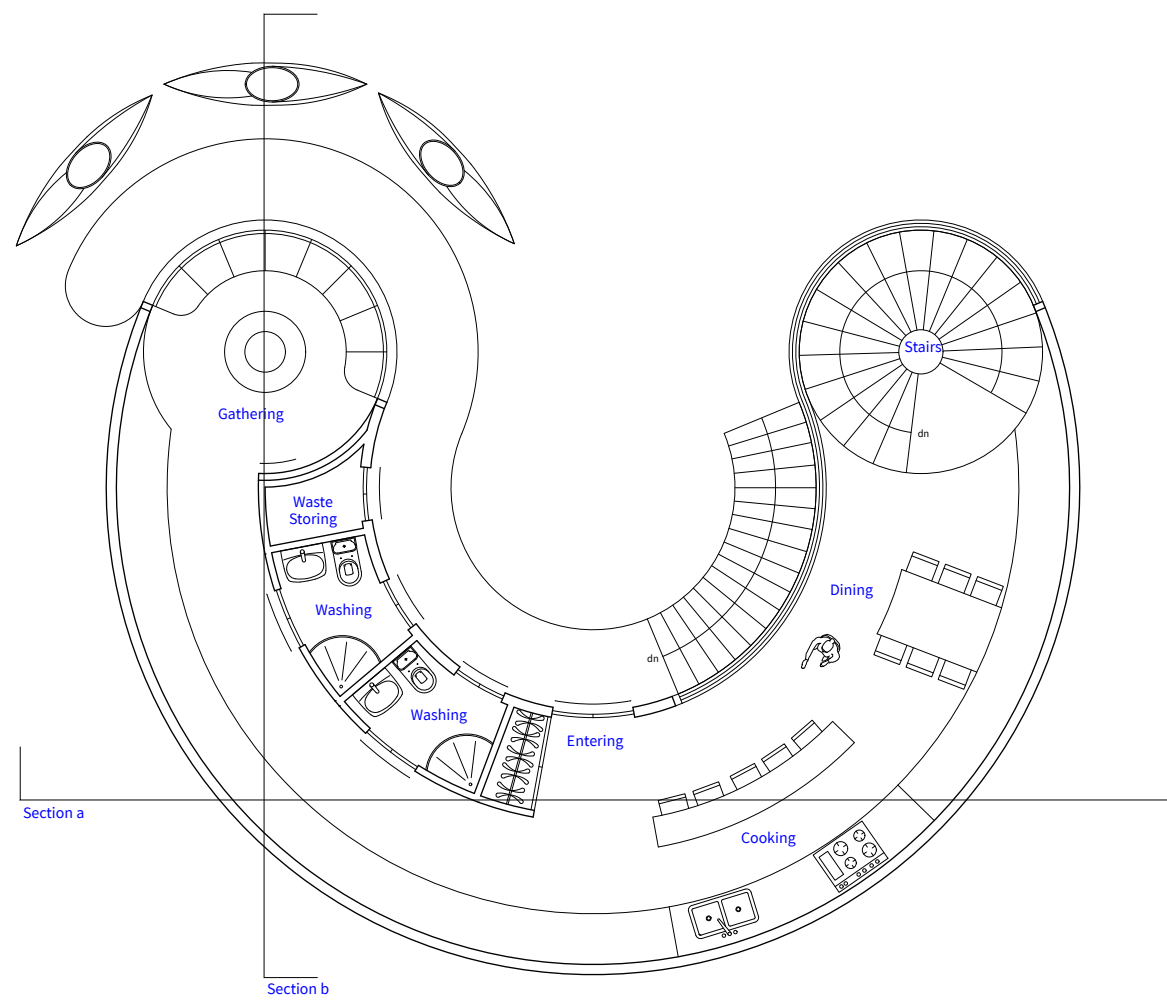


Exterior(Day)

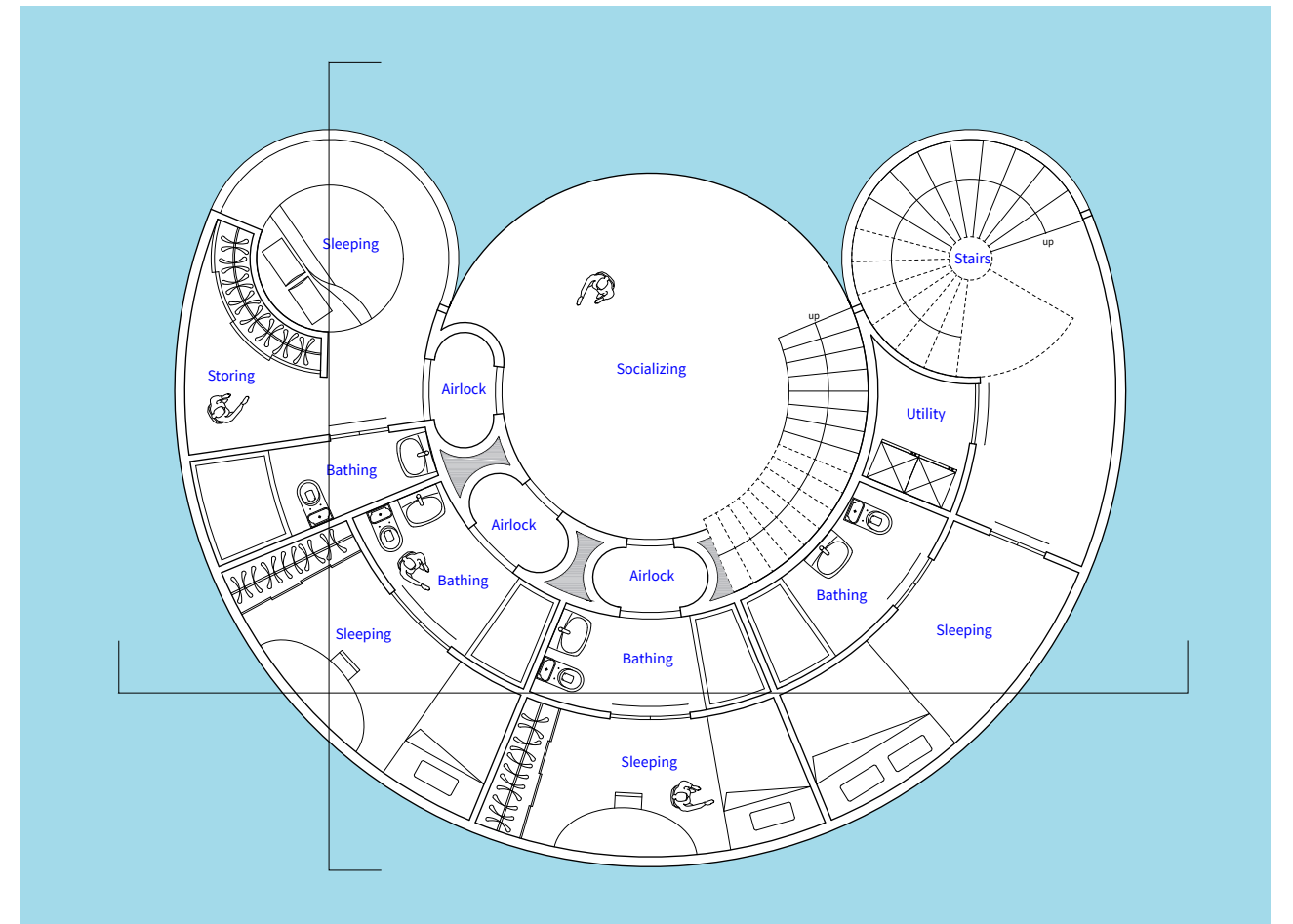


Exterior(Night)





Plan - Above water



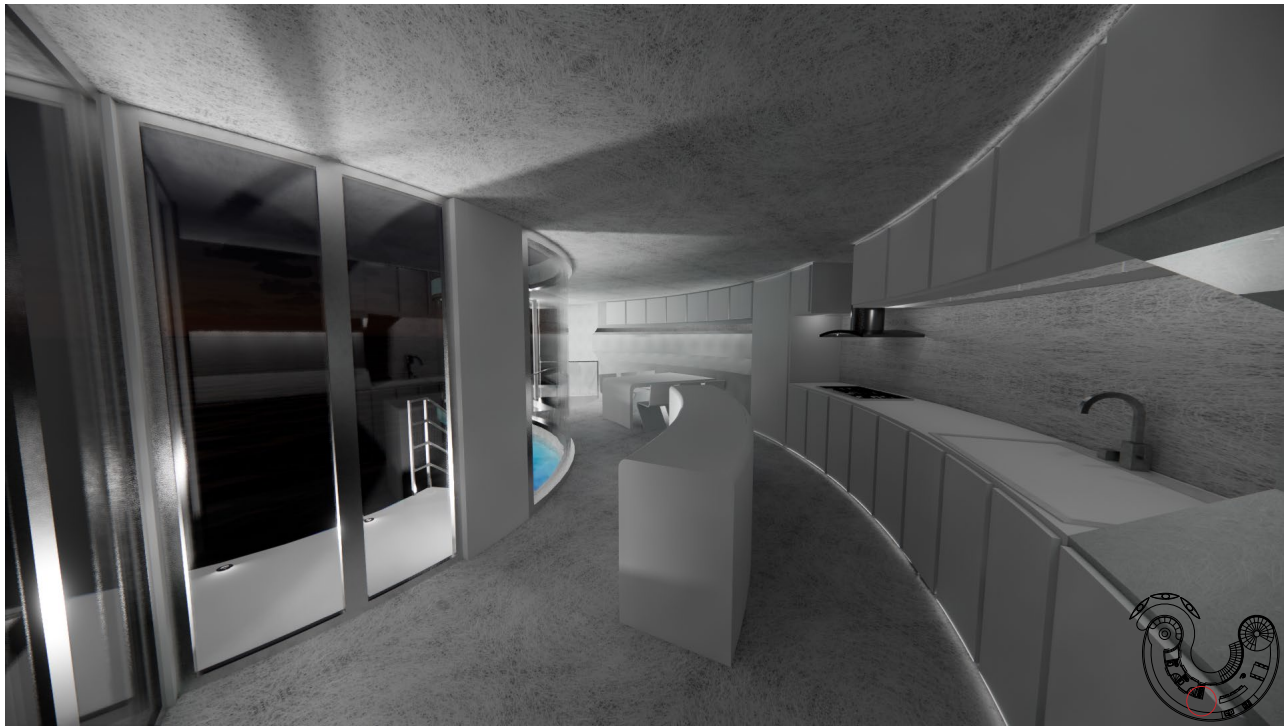
Plan - Under water



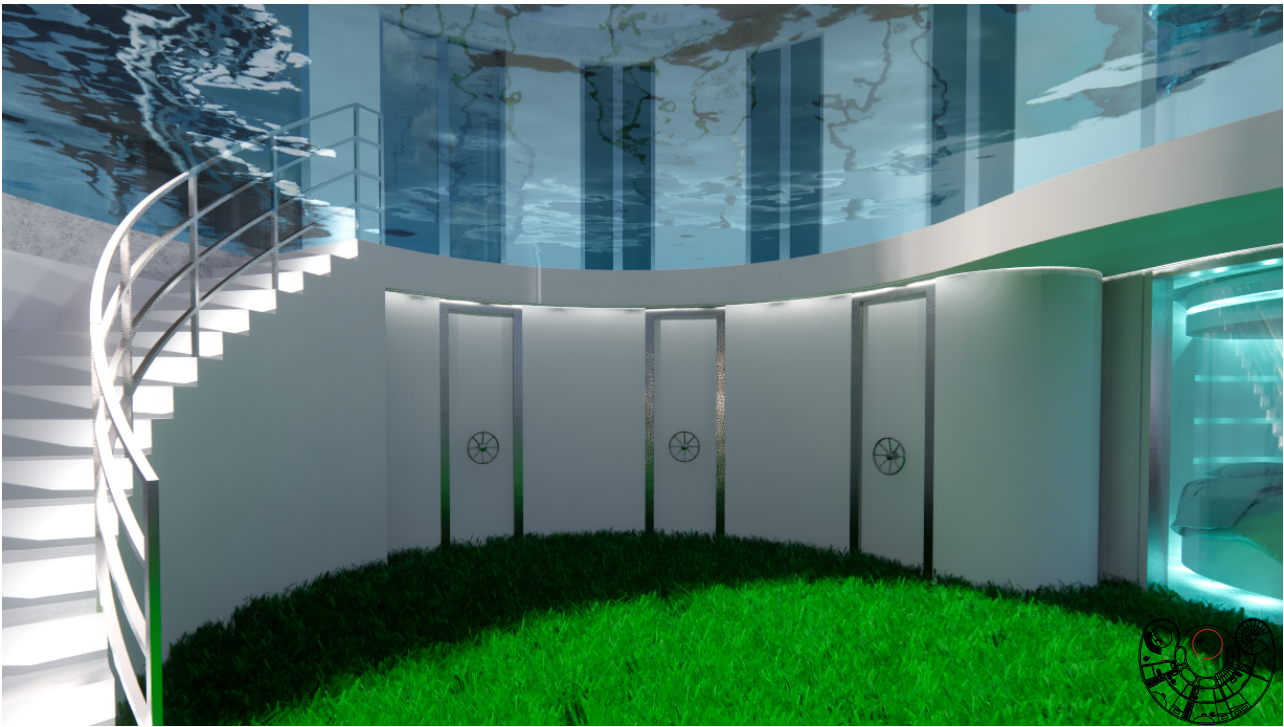
Kitchen



Bathroom



Kitchen(Night)



Underwater Livingroom



Sections





Airlock



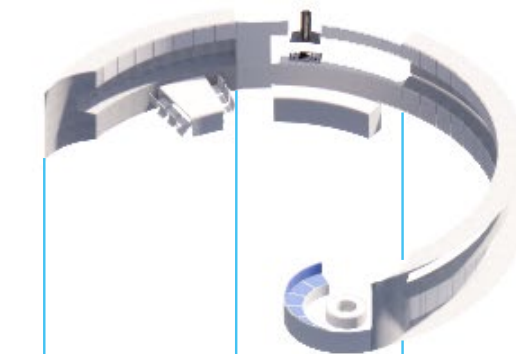
Lounge

public

private



roof



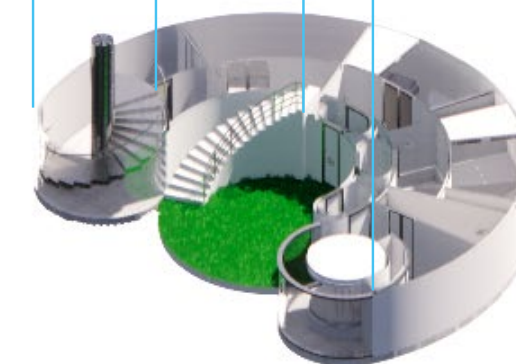
dinnig

Storage



bathroom

livingroom



bedroom

Exploded Axon

# 04 SANTUARY LIBRARY LIBRARY PROJECT

- BROOKLYN PUBLIC LIBRARY,  
PACIFIC BRANCH



- Circulate  
Cool Air Circulates throughout the interior space of the library.

- Why control the circulation  
Came from the activity of kneeling. When people kneel to reach the bottom part of the bookshelf. This action reminds of a sacred ritual to the book. This concept of deifying book leads to respecting library. - By controlling circulation of the library, people can slow down, respect other people and the library itself, and could enjoy their experience with the cool wind.

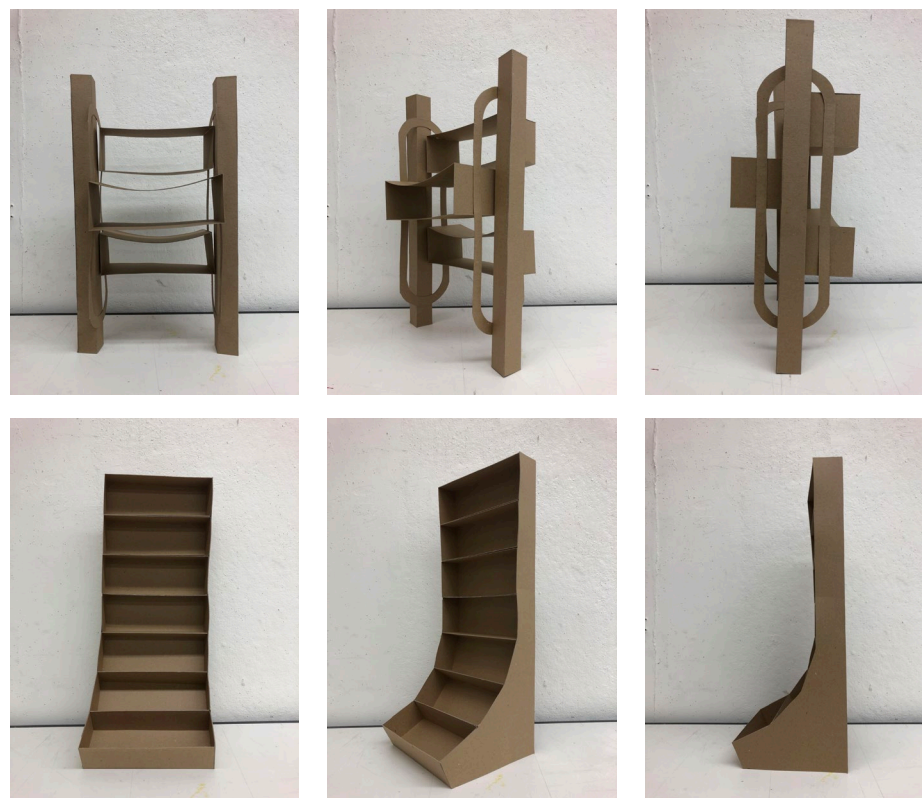




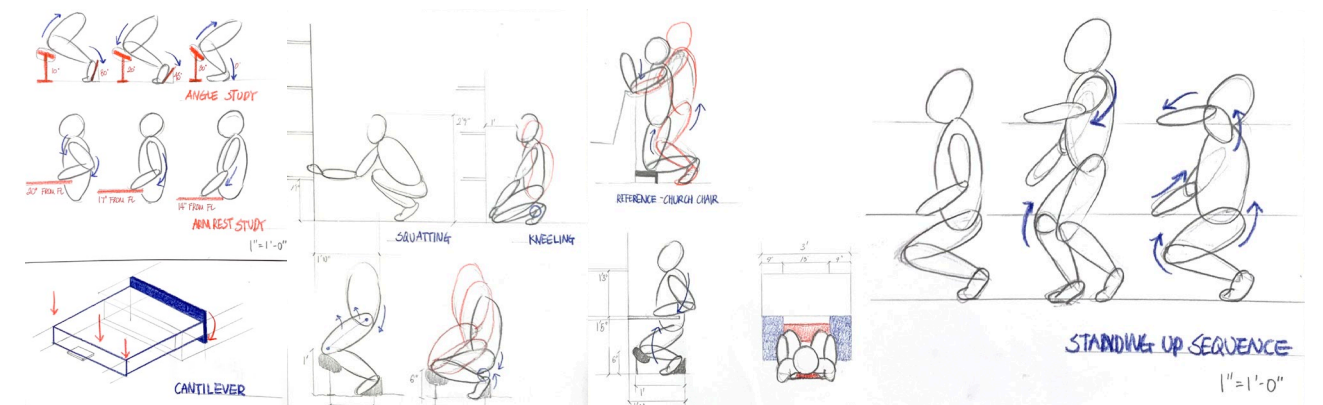
Charrette



Bookshelf Design



Bookshelf Experiment



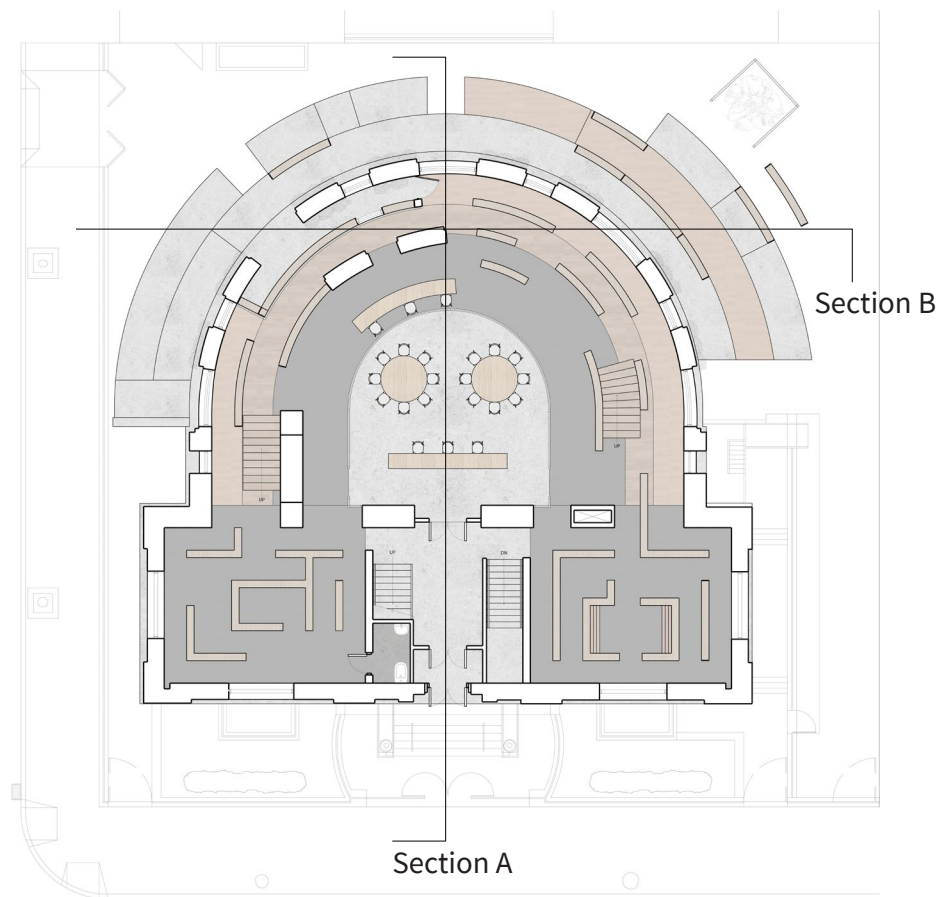
Movement Diagram

My idea started from observing elderly people at the library. I found that they have a hard time kneeling down to reach the bottom part of the bookshelf. And this process is not only a hard task for the elderly people but also for others in general too so I wanted to improve this.

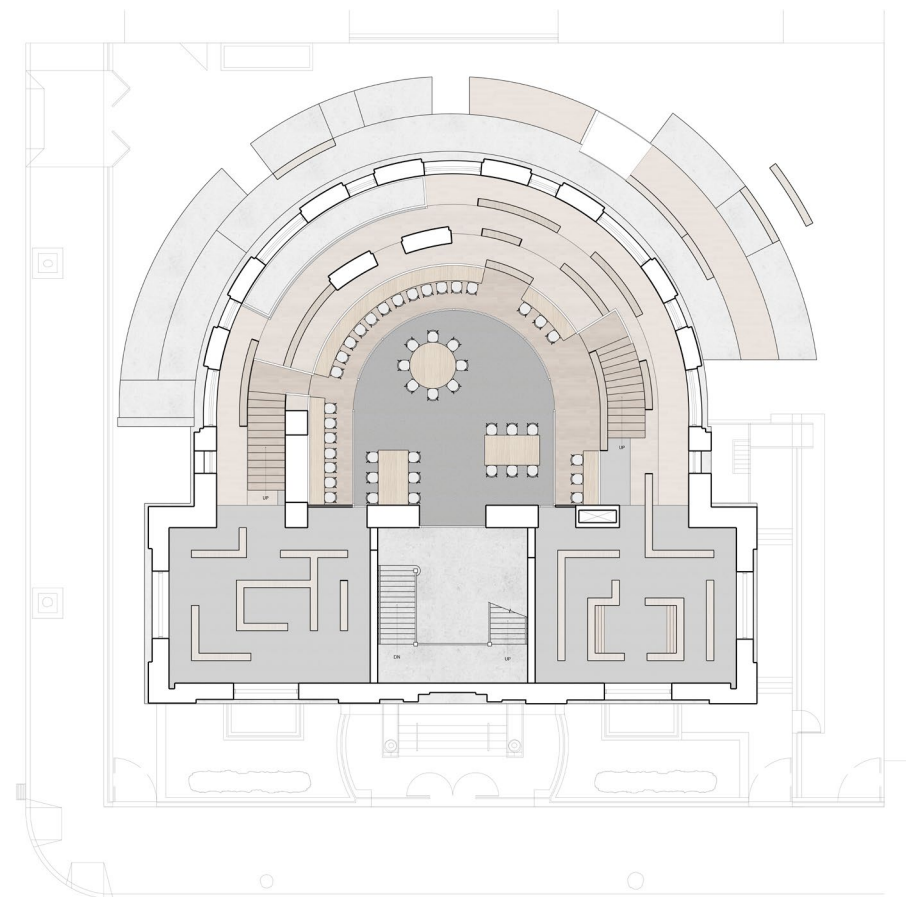




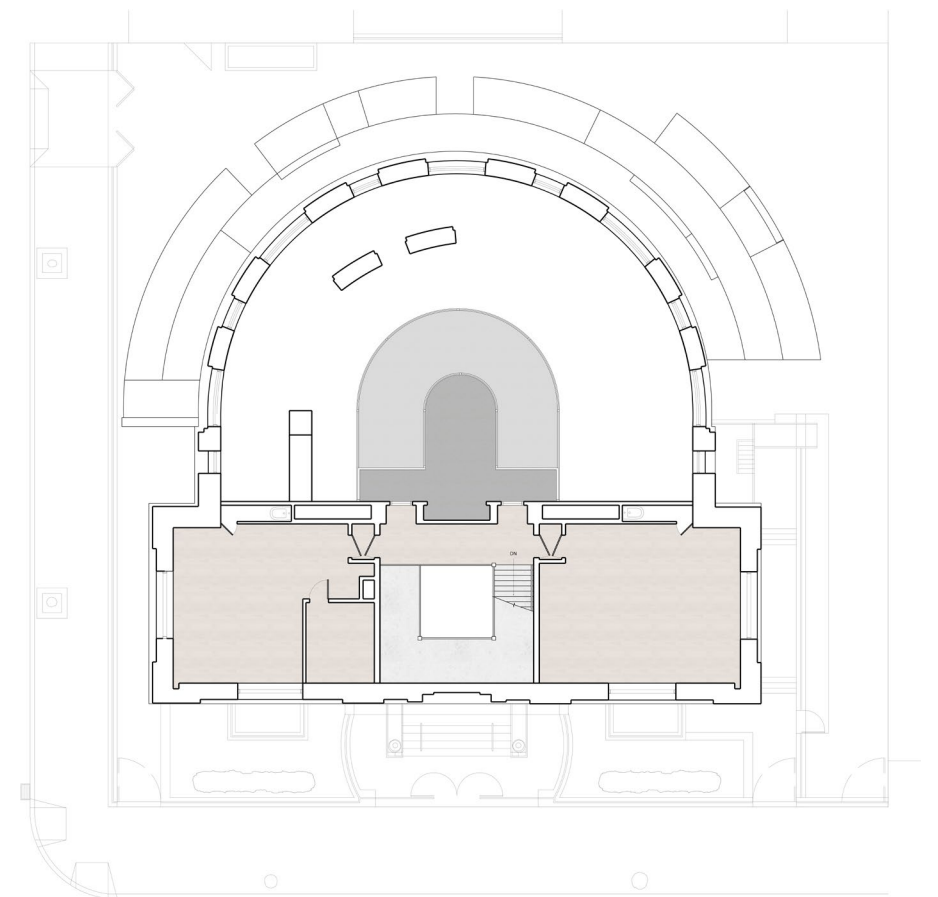




Plan - 1st FL



Plan - 2nd FL



Plan - 3rd FL



Lobby



2nd FL Reading Room

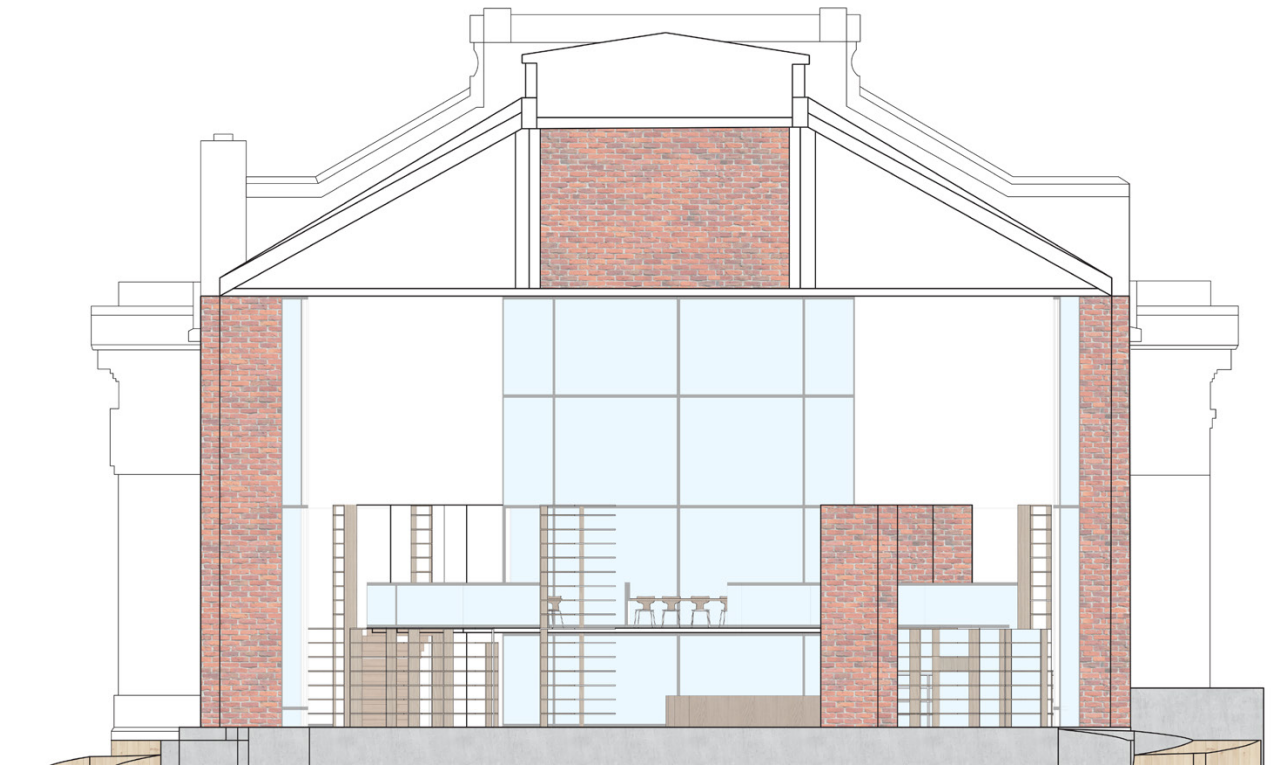




Entrance

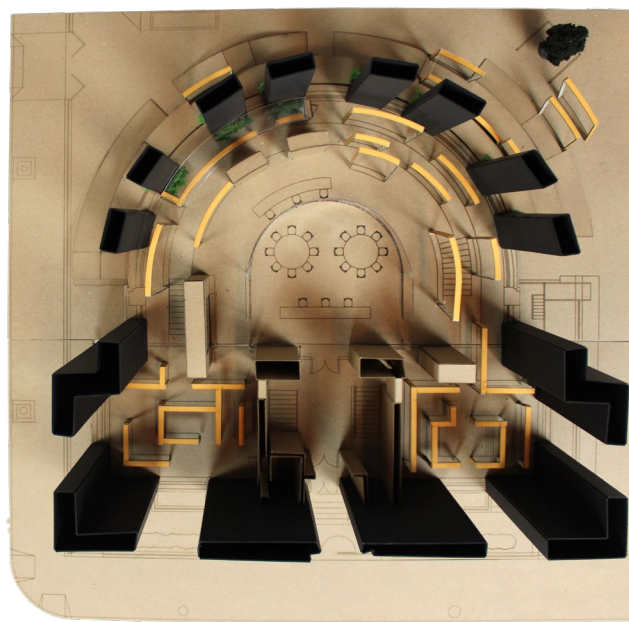
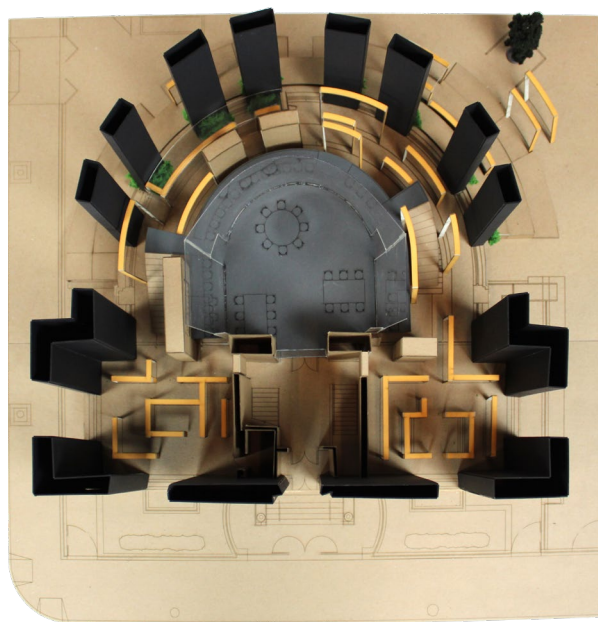


Entrance(Exterior)



Sections

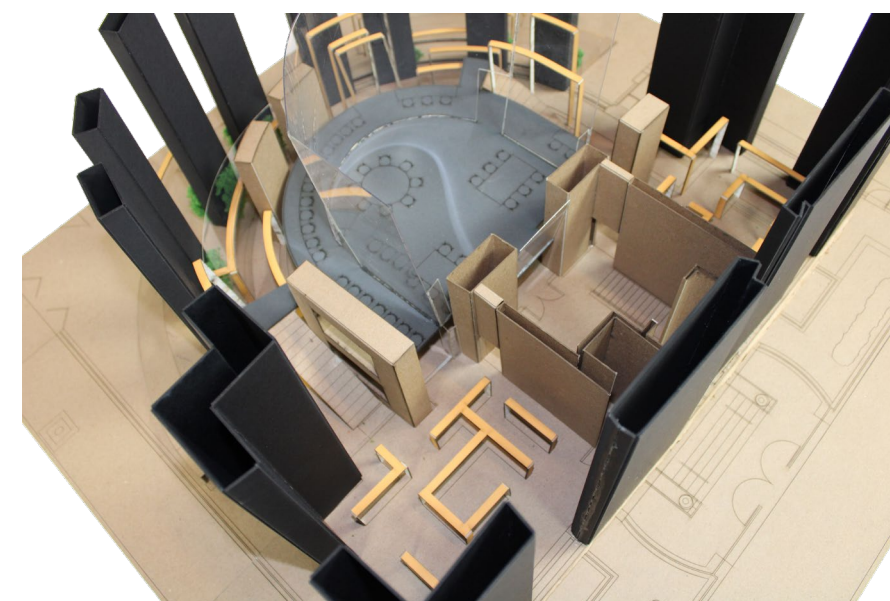




Physical Model(Top)



Hallway



Physical Model(Perspective)



## 05 UNSDG OFFICE OFFICE PROJECT

- UNDISD, 500 PARK AVE,  
MANHATTAN, NY

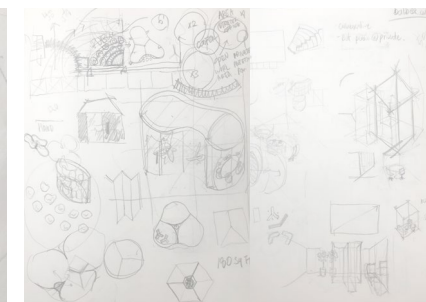
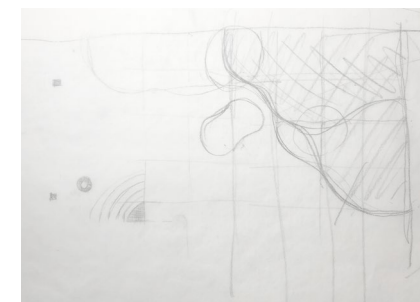
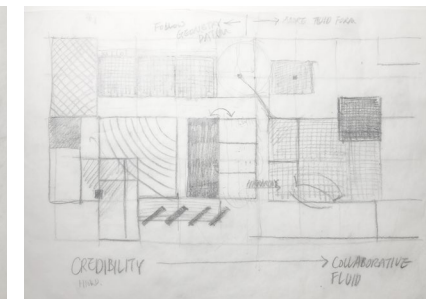
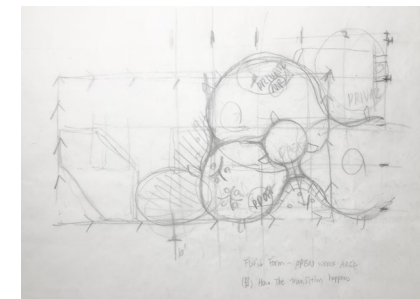
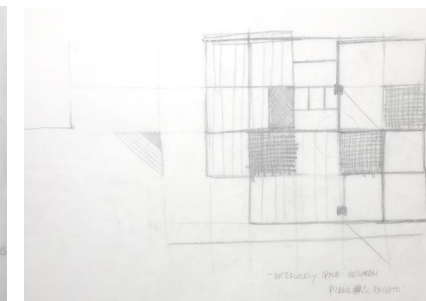
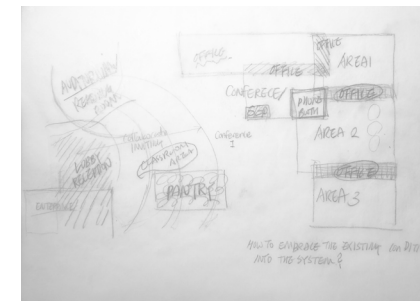
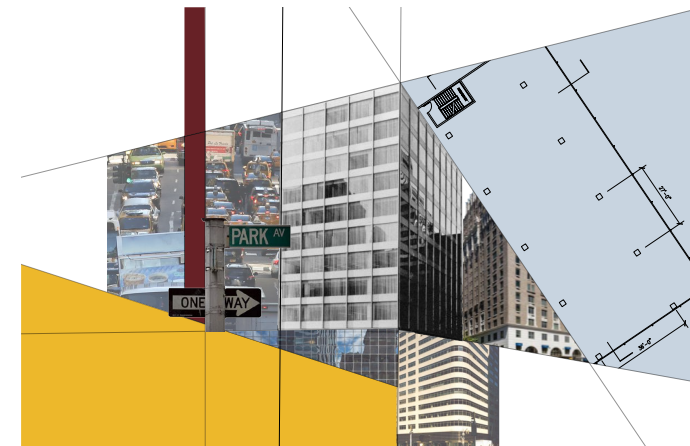
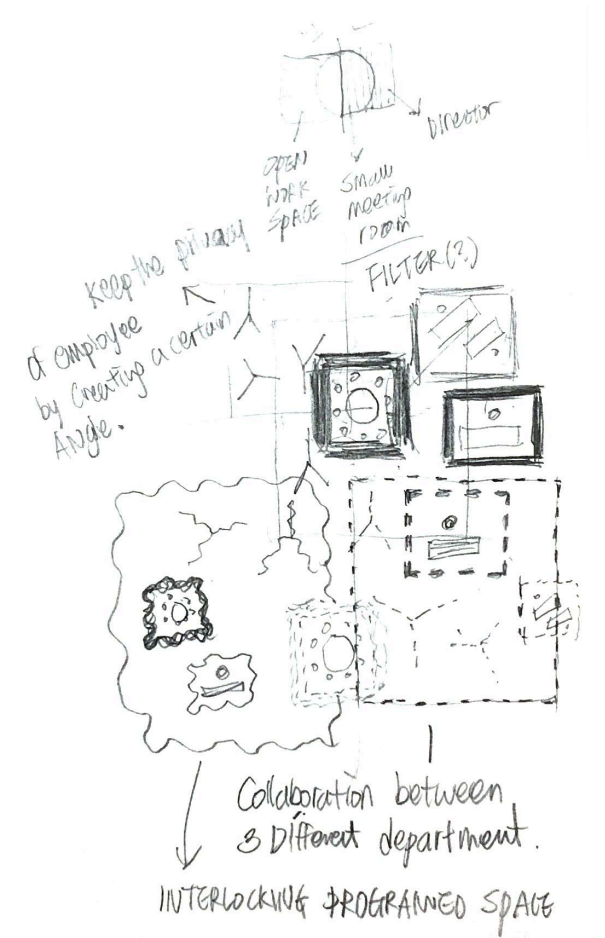
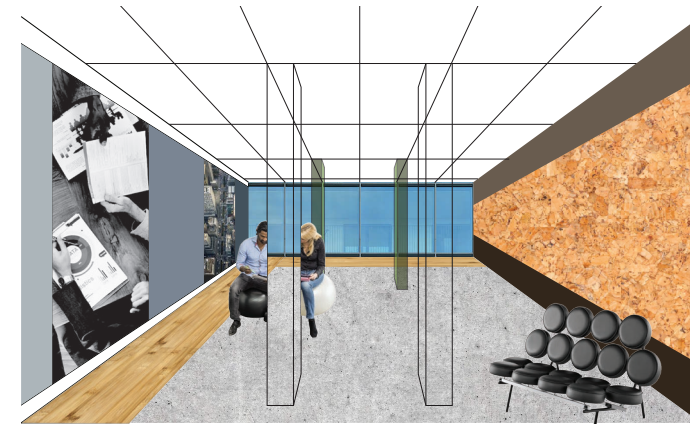


UN is sponsored by the governments which need credibility for their brand image. Through following the strict geometry of the building, I tried to achieve the branding of UN. And using wood, tree, recycled fabric and concrete for the main material in the design, the building can be sustainable in its way. The separation of public and private spaces is also achieved through the layout and materiality. The transition between each spaces are connected by the hallway.



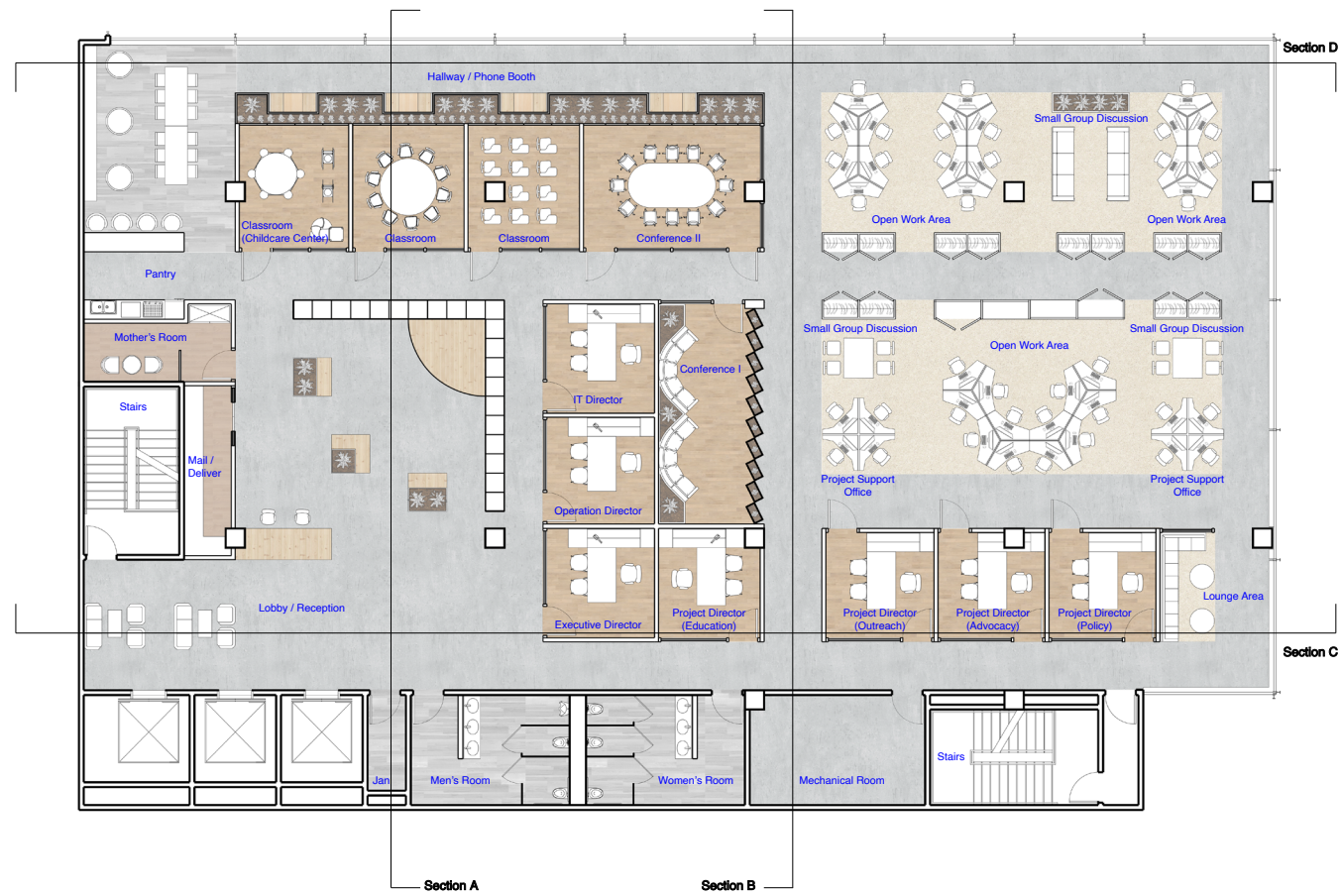
### Inspiration - Curtain

1) Reminds of them their missions and work collaboratively to reach their goals. 2) The collaboration that every employee could join. 3) Dynamic aspect of their missions, and how each missions are interconnected to each other to achieve the ultimate goal, that is sustainability. 4) Based on my curtain project, I would like to develop my office design with the key concept of 'Collaboration'. I am thinking about the work space that all the employees can work together that is encouraged by the blurred boundaries between each area. And visual representation of their dynamic missions and promoting them to the public, not only to the employees themselves, through design is my concept.

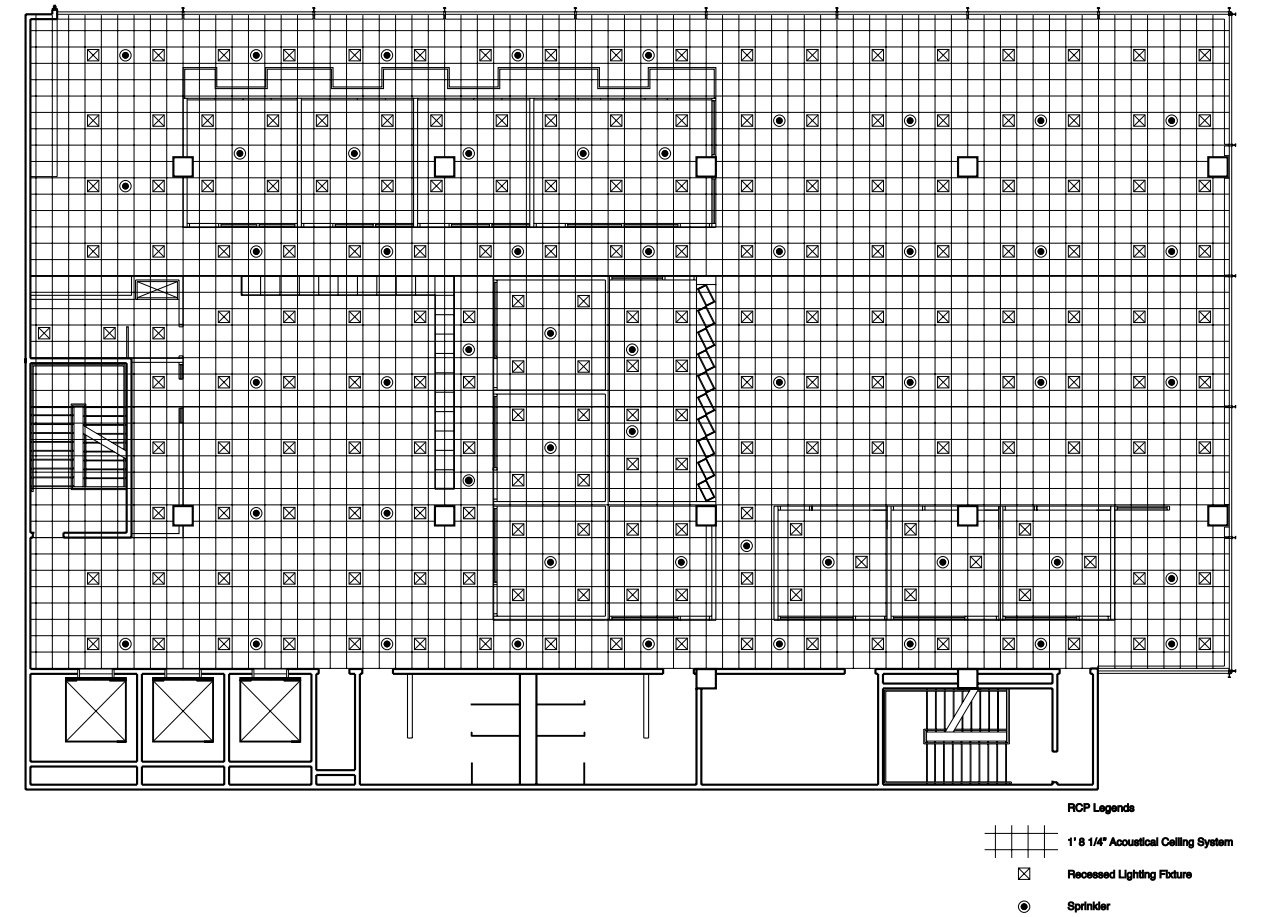


### Concept Development





Plan



RCP



Lobby



Pantry

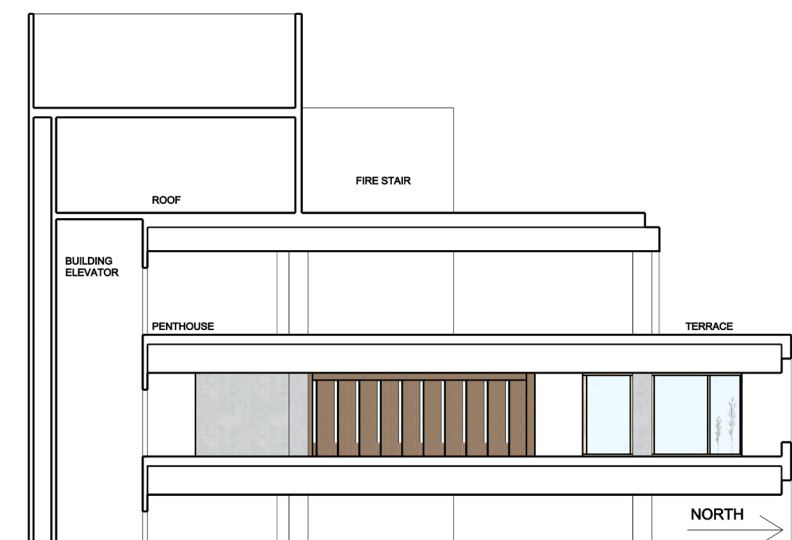
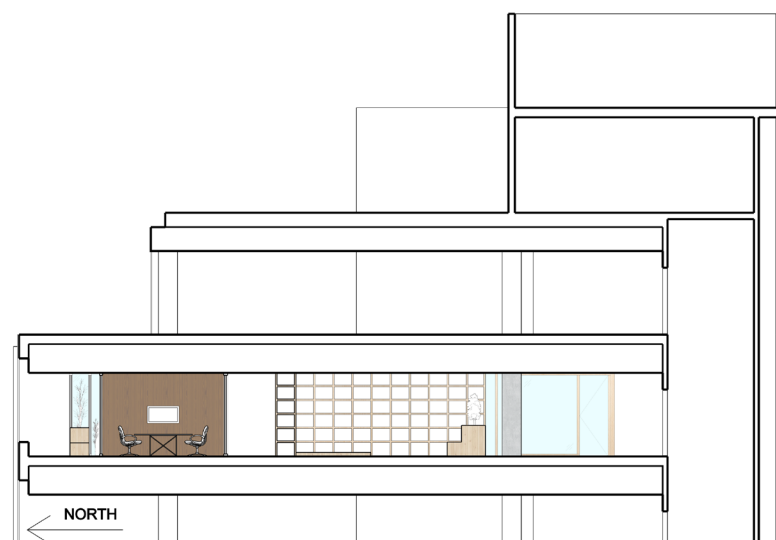




Hallway



Open Work Area



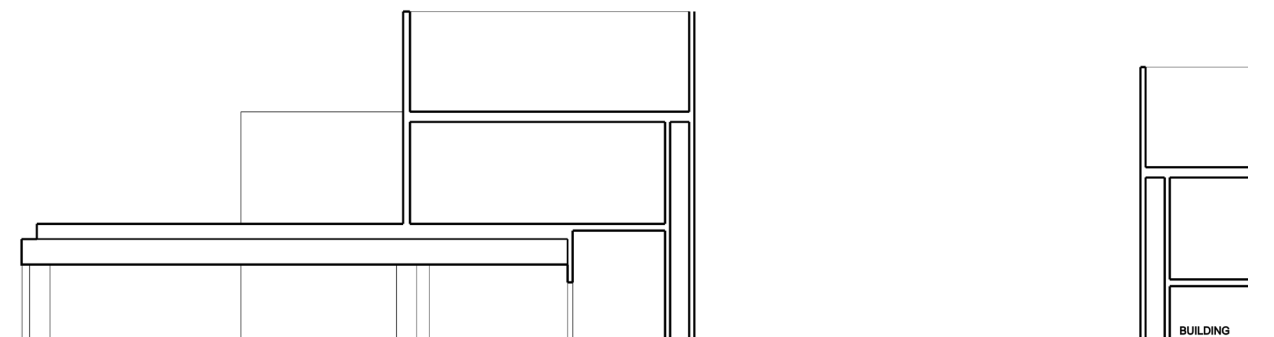
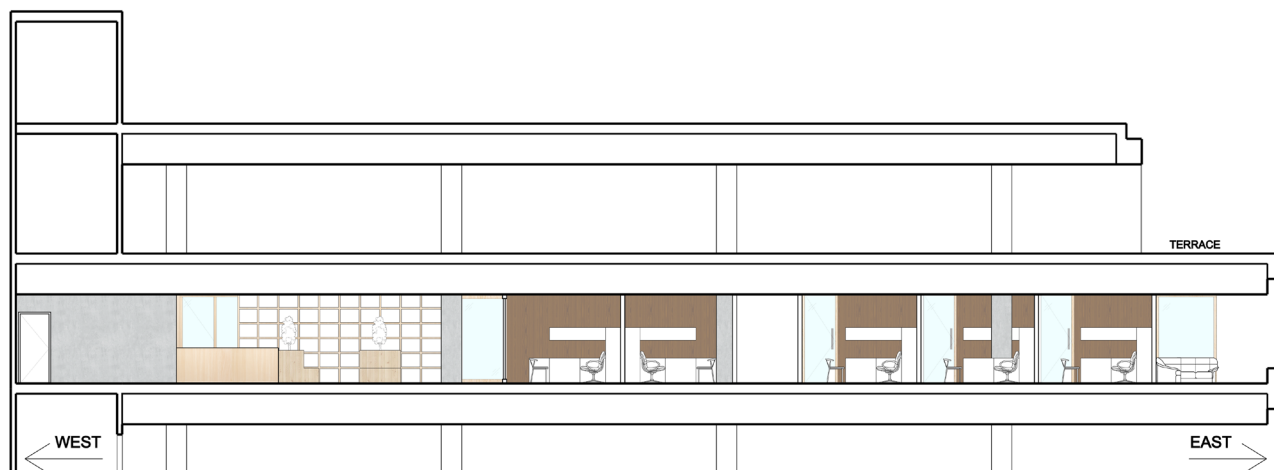


Meeting Room



Conference Room

## Section







Lounge

# 06 HUSTLE HOSTEL HOSTEL PROJECT

- VIEQUES, PUERTO RICO



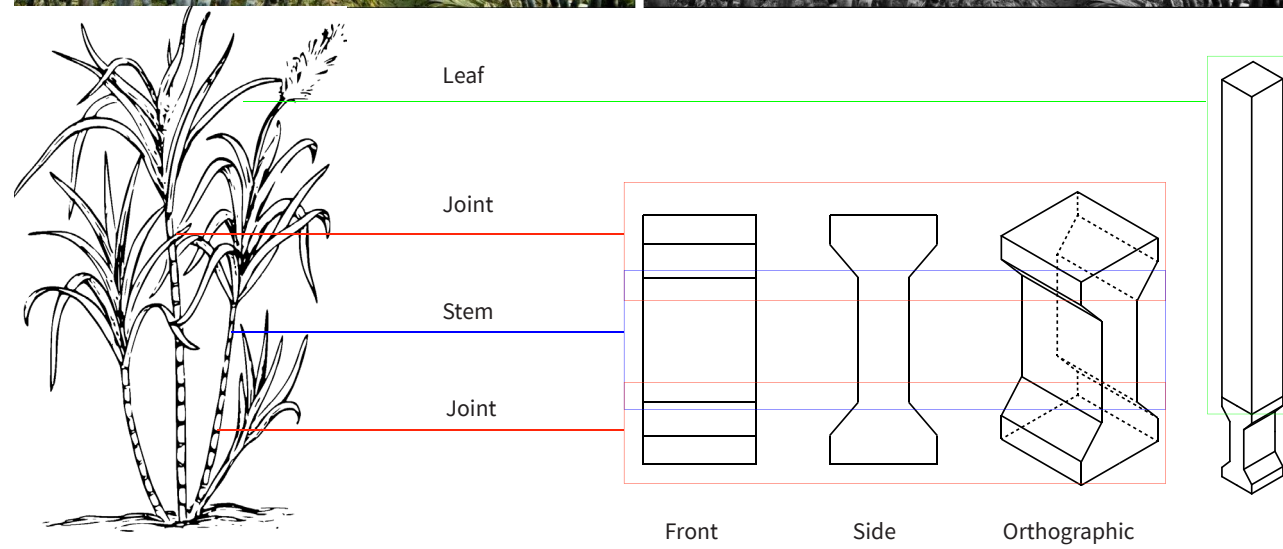
## - Breezeway

Vieques is an island with a warm, tropical climate cooled by prevailing winds from the east.

## - Community Garden

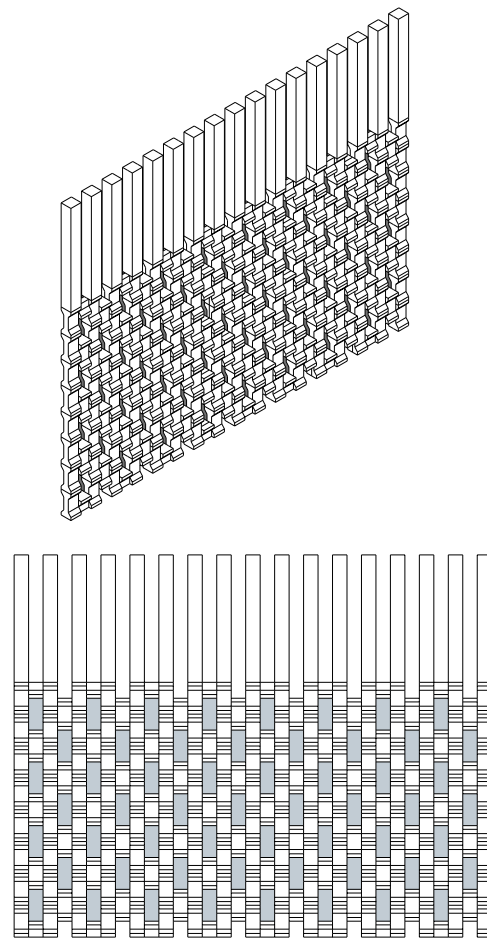
Additional program that can engage the island community as well as guests visiting the hostel.



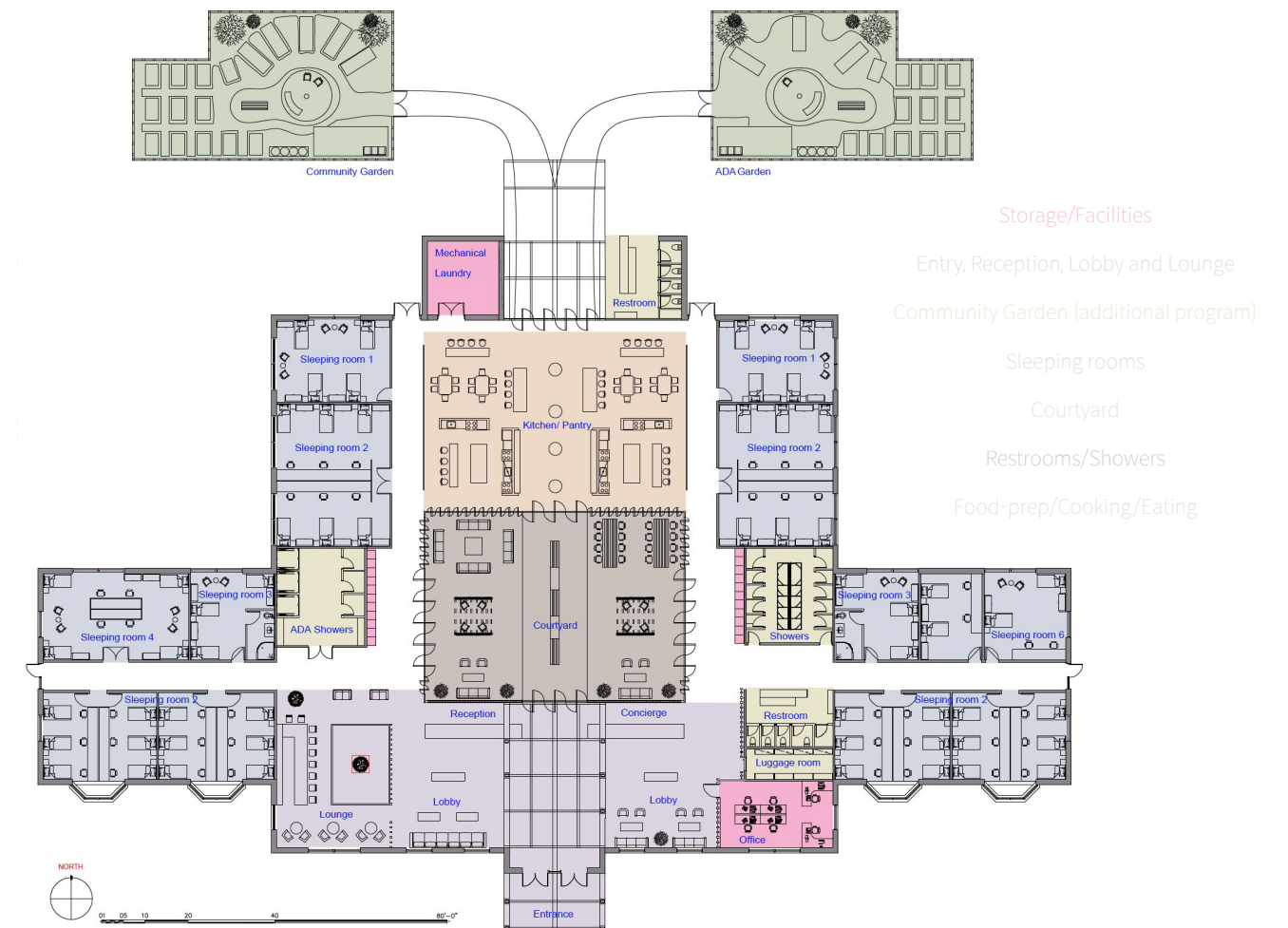


## Concept Development

The Caribbean is home to high winds, heat, rain, and intense humidity. All of these factors played into the overall design and features of many Caribbean homes. Heavy rainfalls contributed to the choice of gable roofs. Cool Caribbean breezes led many to adopt large, open verandas on their homes, both to take advantage of the cooling breezes but also to offer a place to take in the beauty of the natural surroundings.



## Installed Pattern Wall



## Program



## Entrance

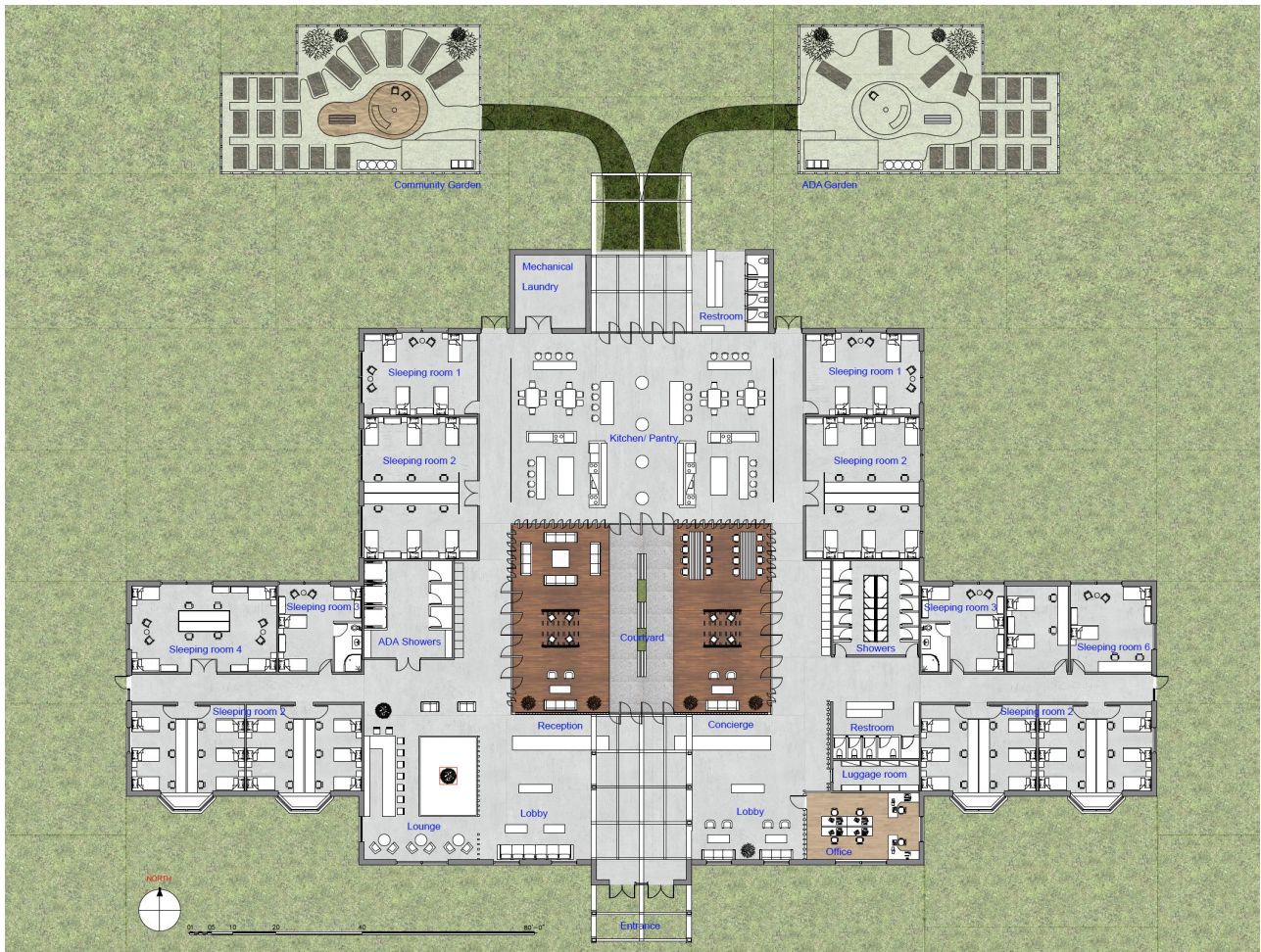




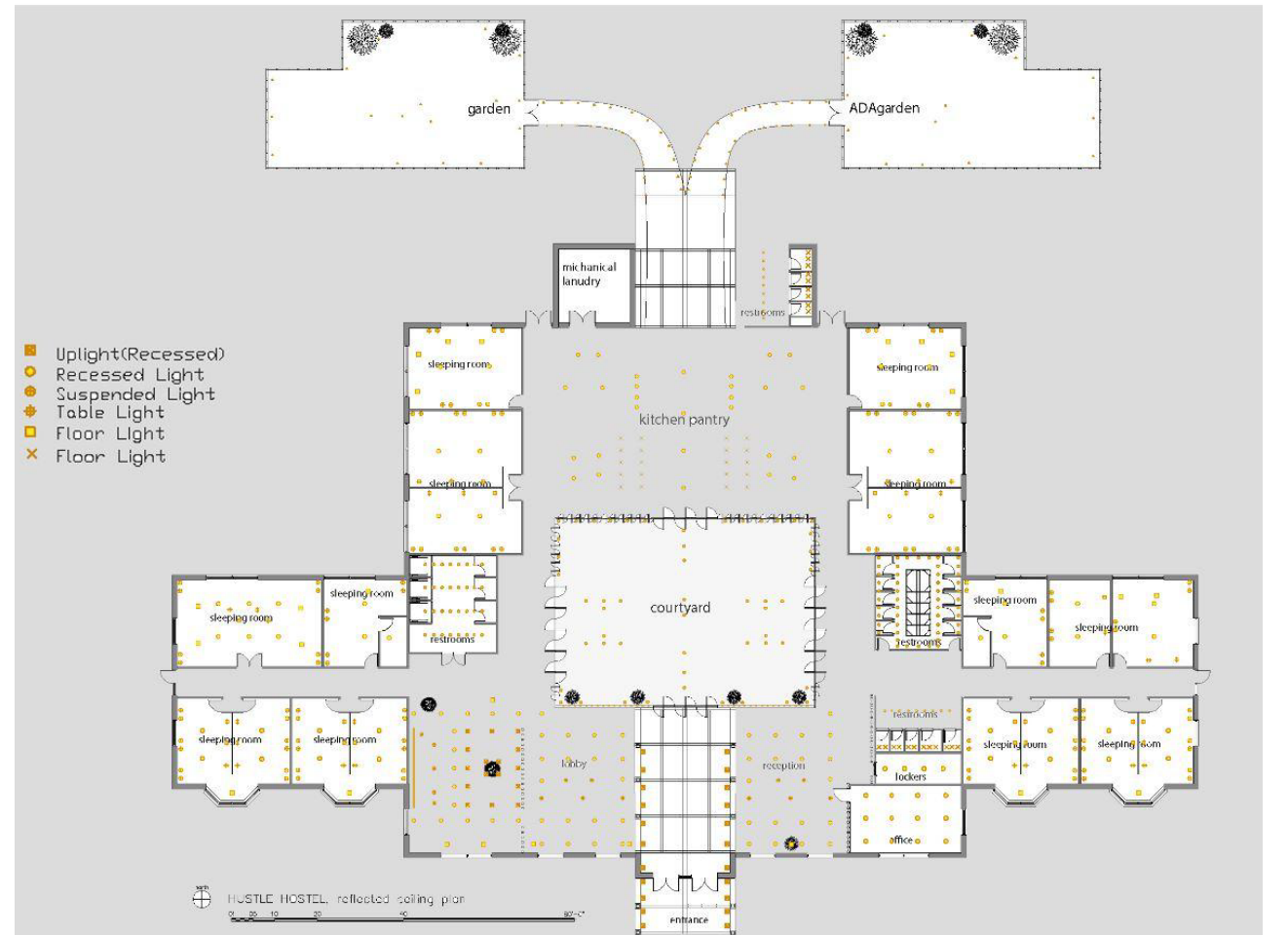
Lounge



Loung

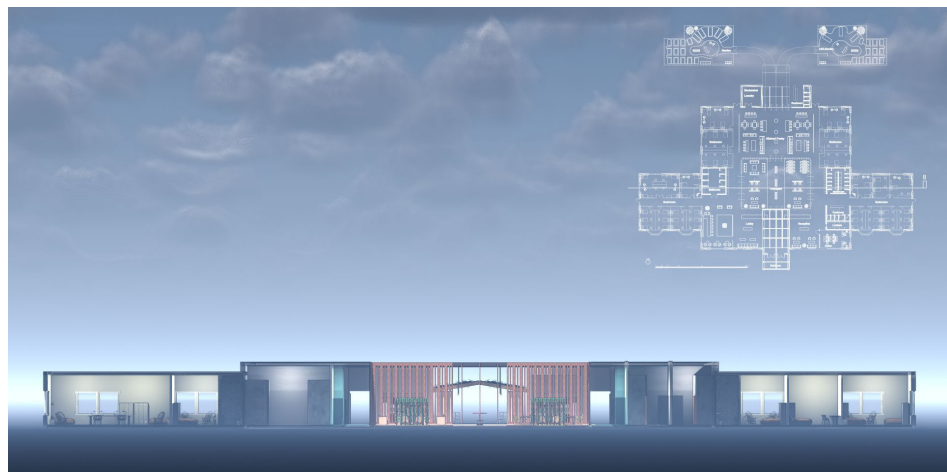


Plan



RCP





Sections



Lobby



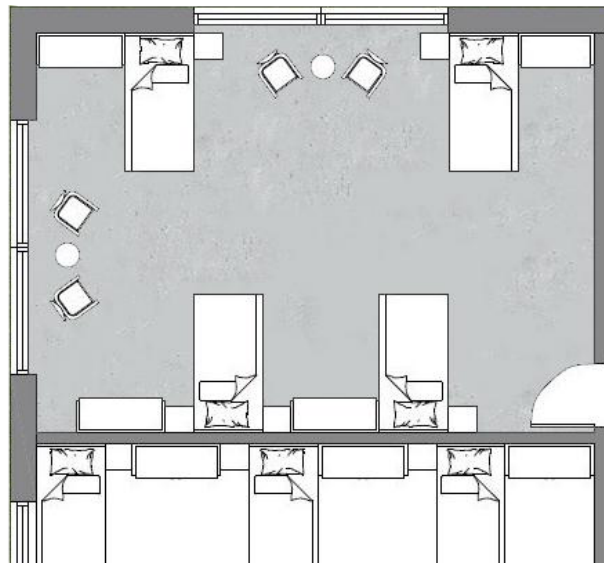
Lobby



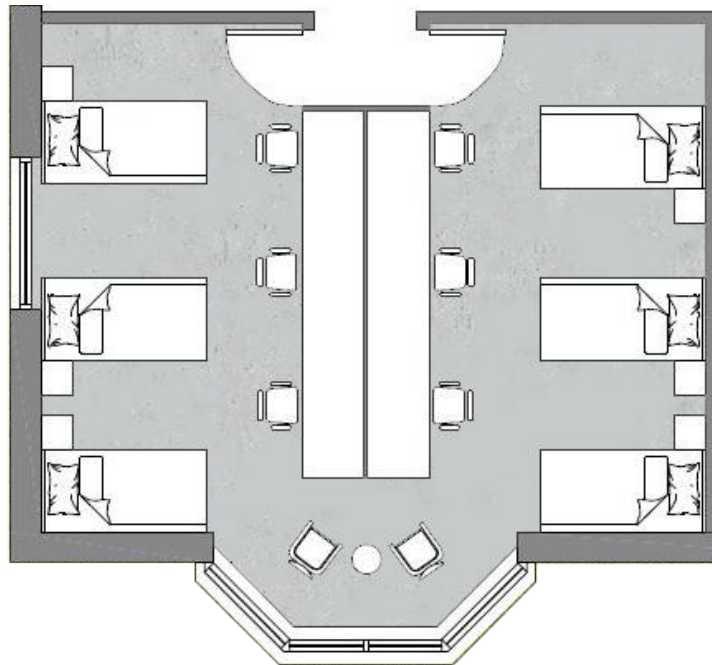


Lobby

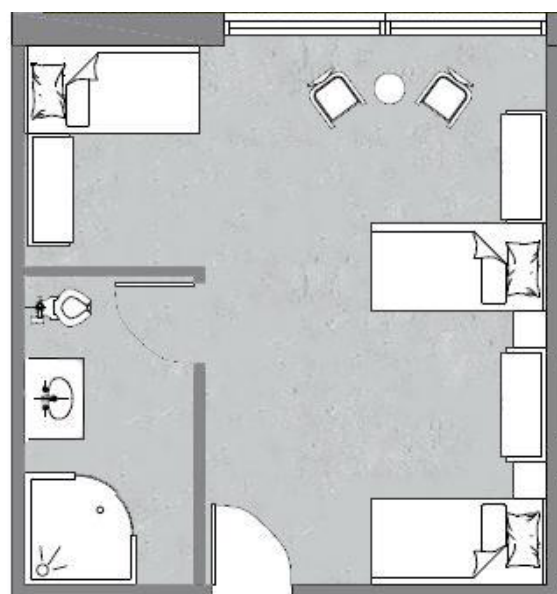




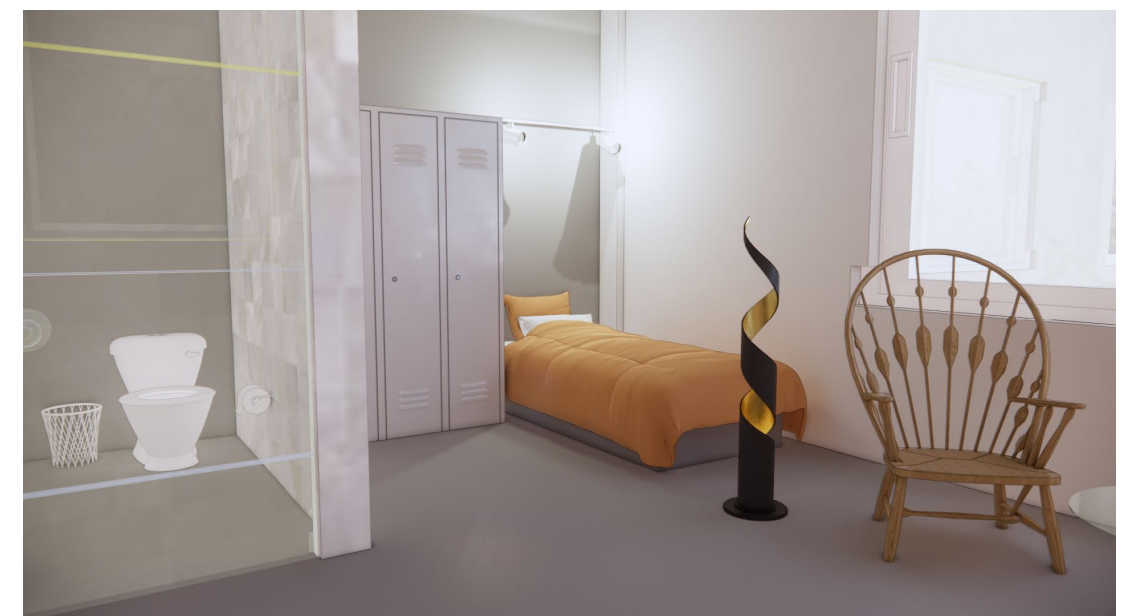
Room Type I



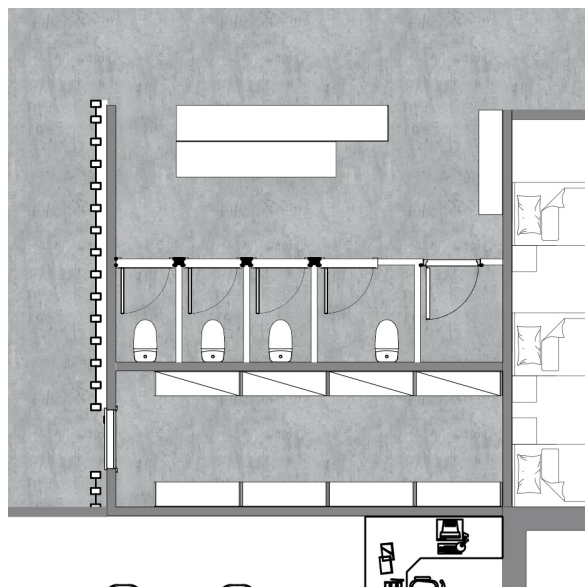
Room Type II



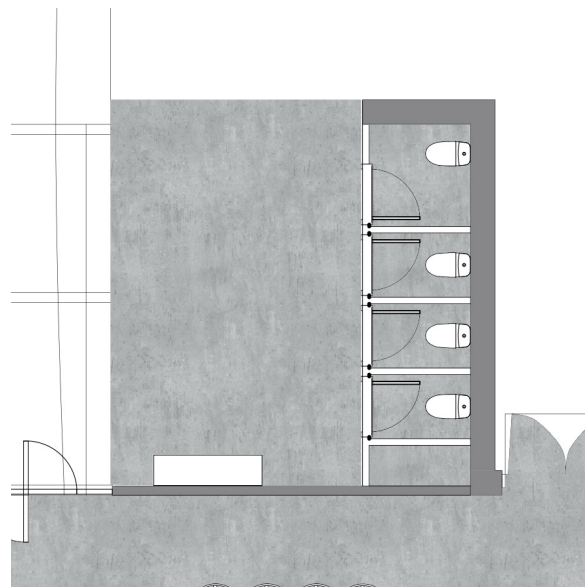
Room Type III



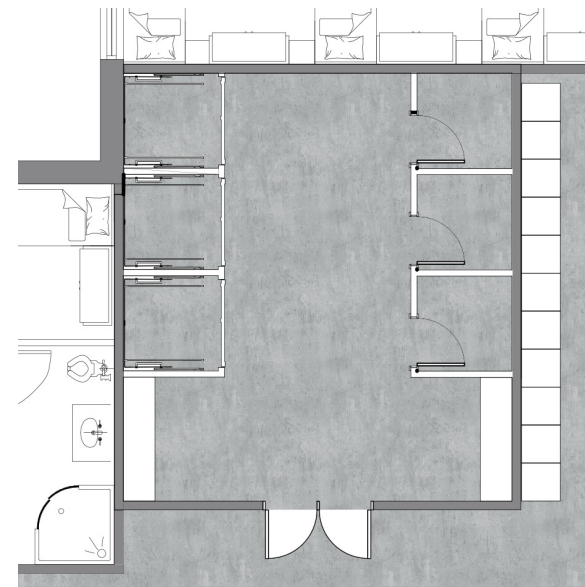




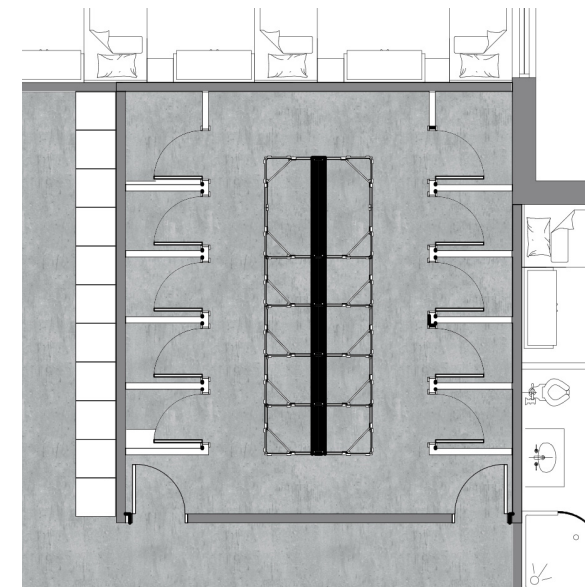
Bathroom Type I



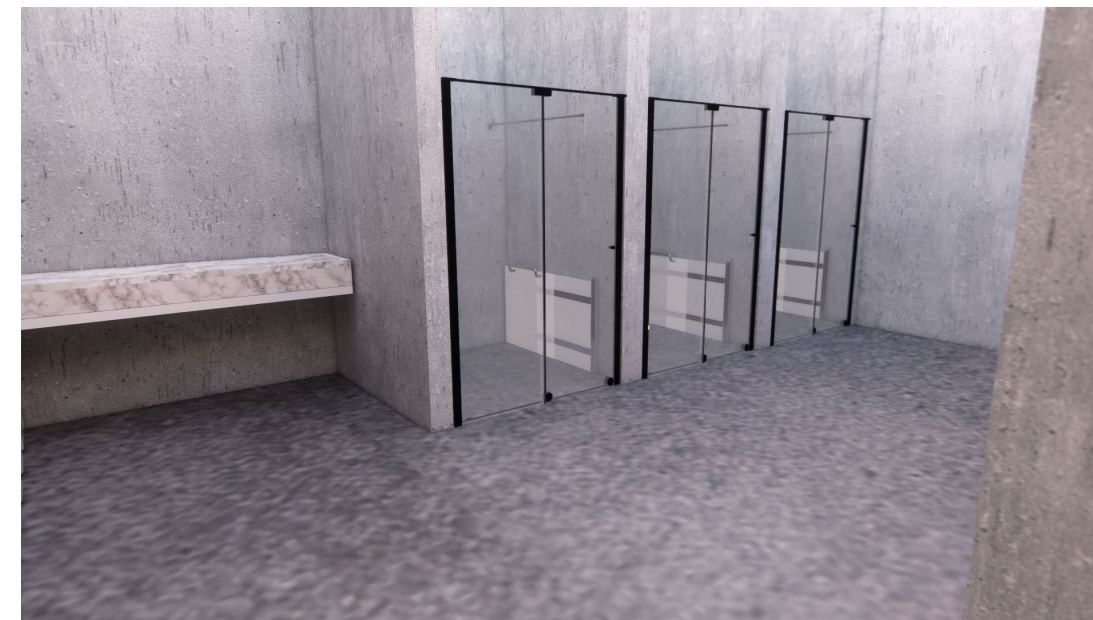
Bathroom Type II



Showerroom Type I



Showerroom Type II





## 07 KOLON HOTEL HOTEL PROJECT

- KOLON HOTEL, GYEONGJU,  
REPUBLIC OF KOREA



This project started from developing the existing condition of the suite of the hotel. This hotel was built in 1978 so the space is relatively old and damaged.

The need of the client, Kolon group, was to embrace the traditional aspect of this building but enhance the suite to attract young generation. Especially, they wanted to keep the Korean traditional wooden mullion. From their, my concept of the marriage between what's traditional and new started.

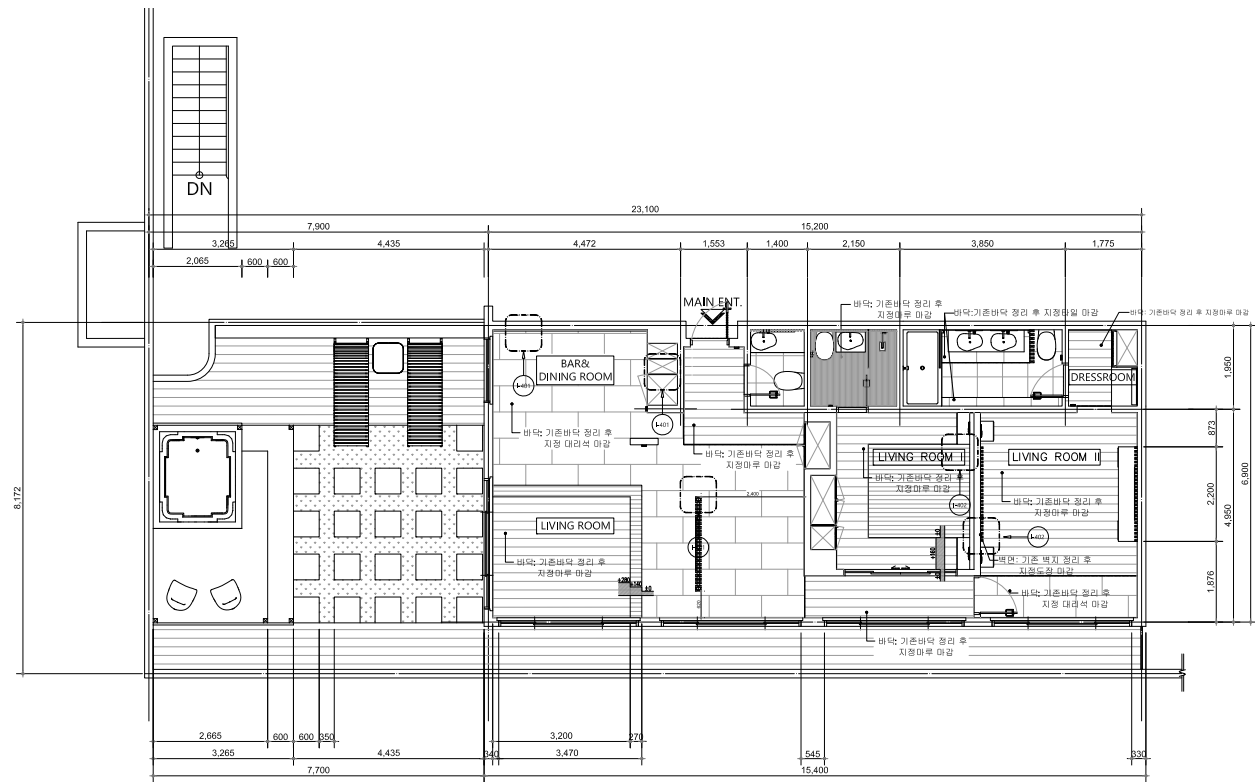




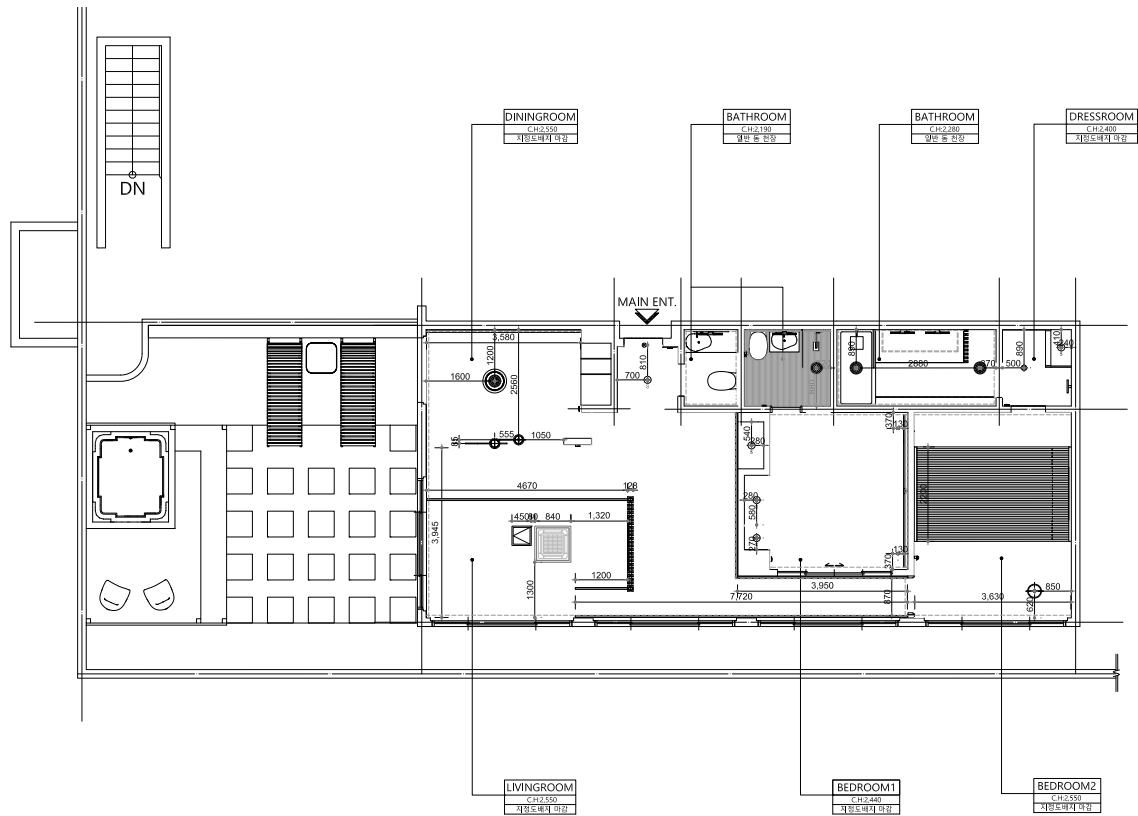
LivingRoom



DiningRoom

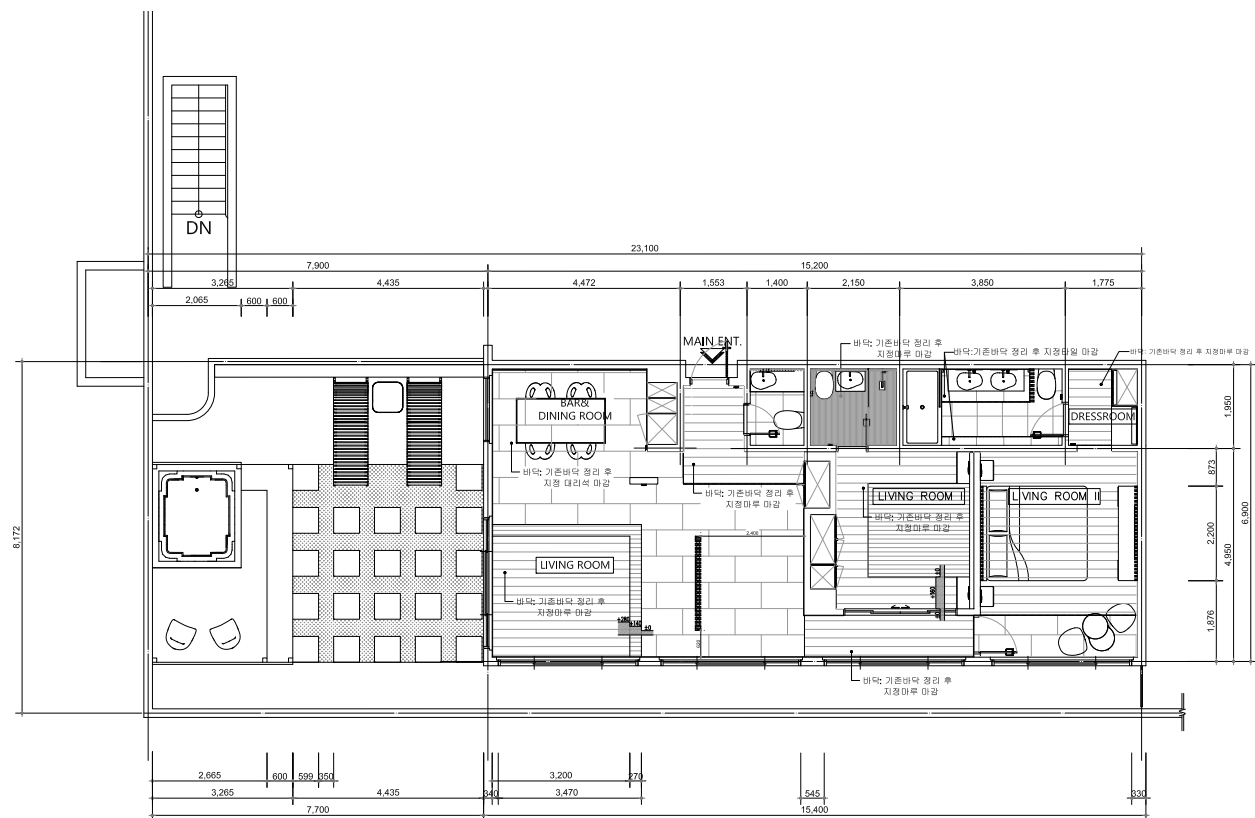


Plan

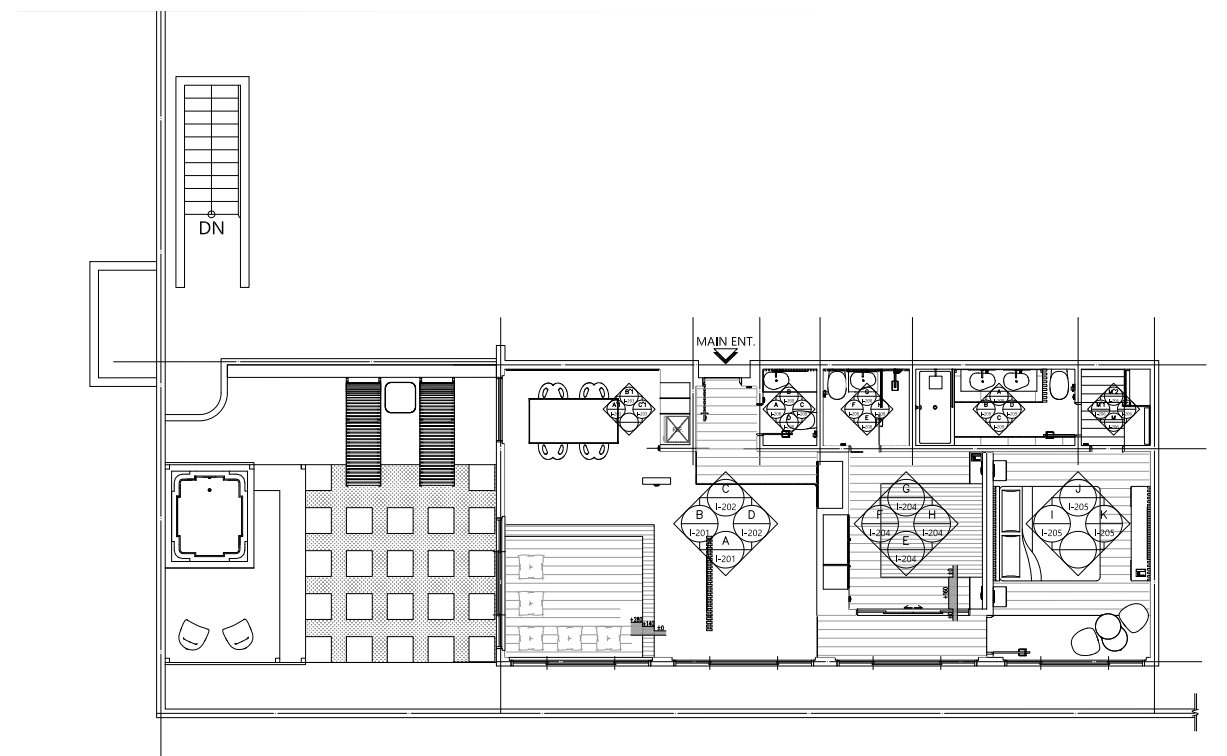


RCP





Furniture Plan



Key Plan



Bathroom

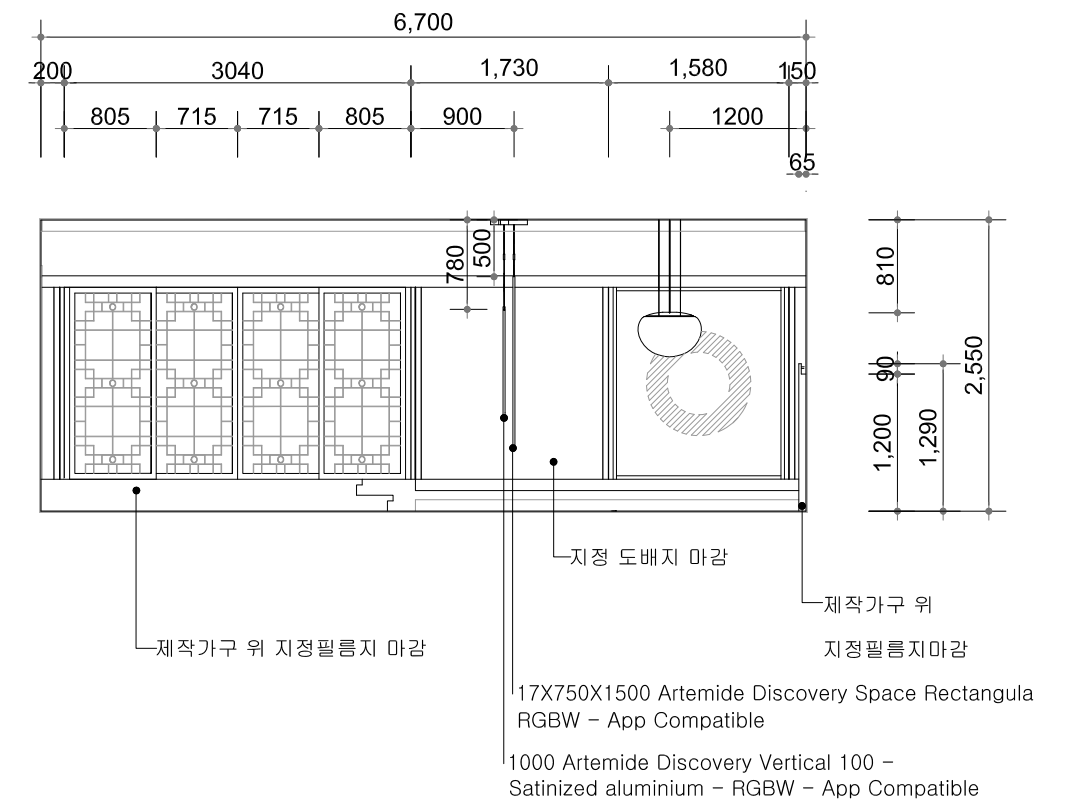


Bathroom

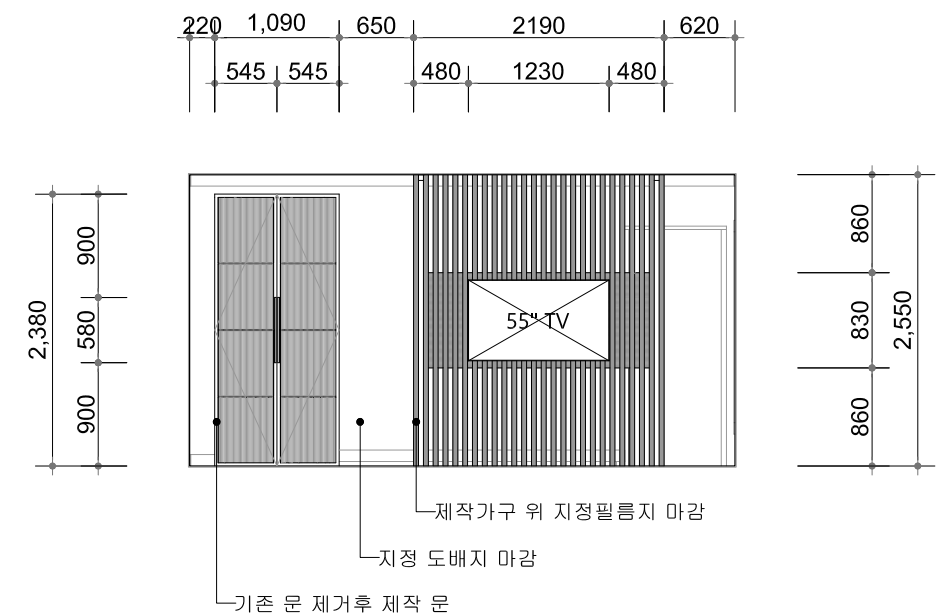




Master Bedroom

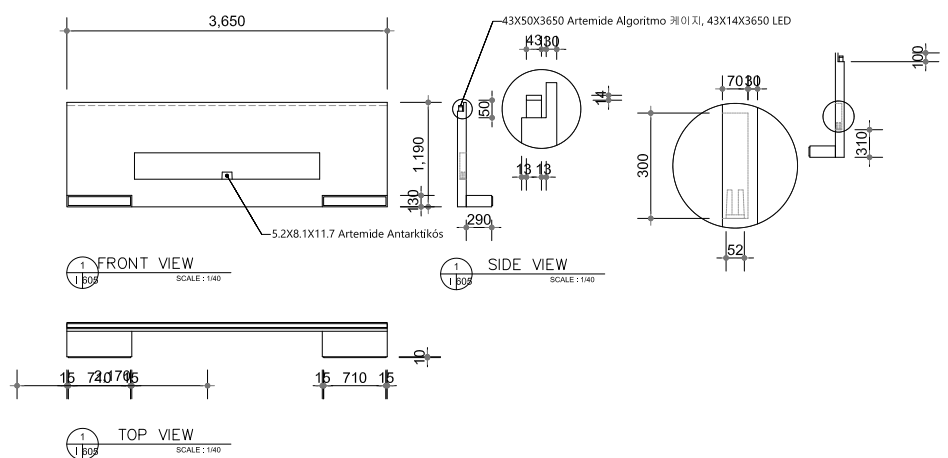
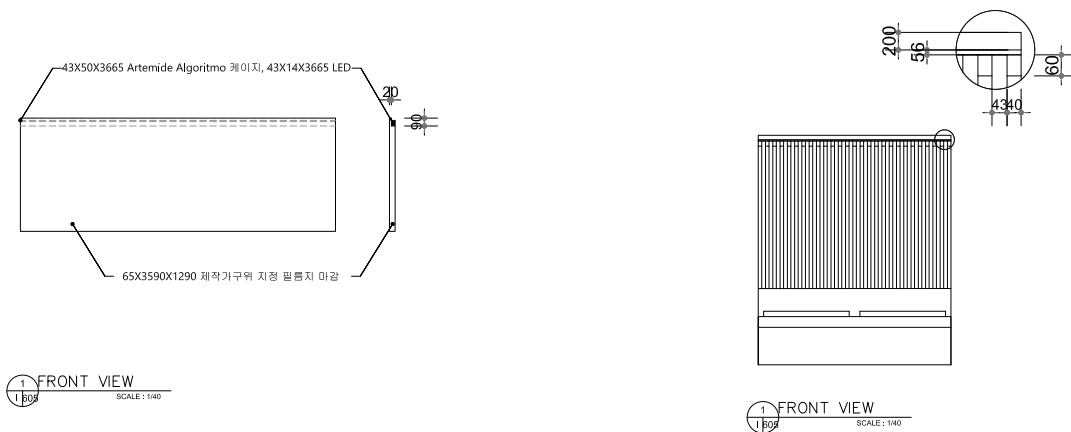
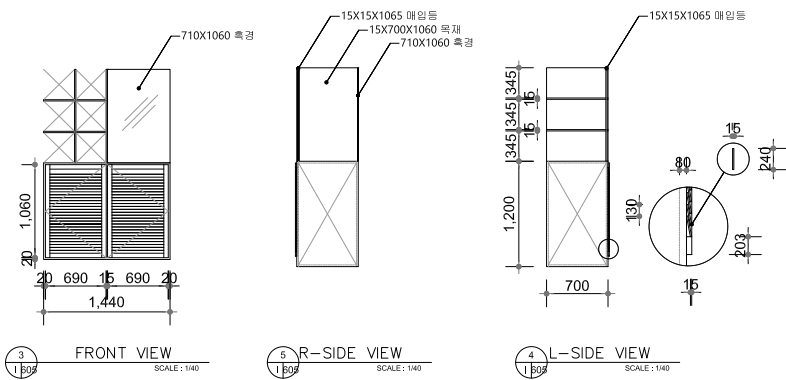
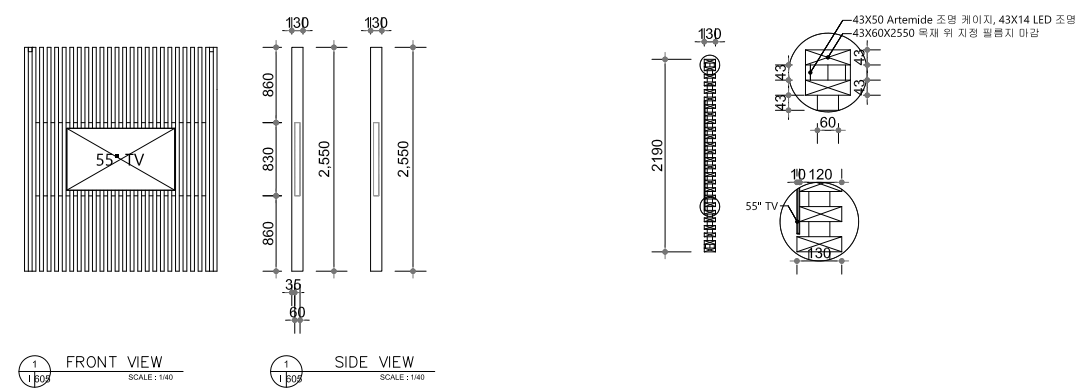


Master Bedroom



Elevation

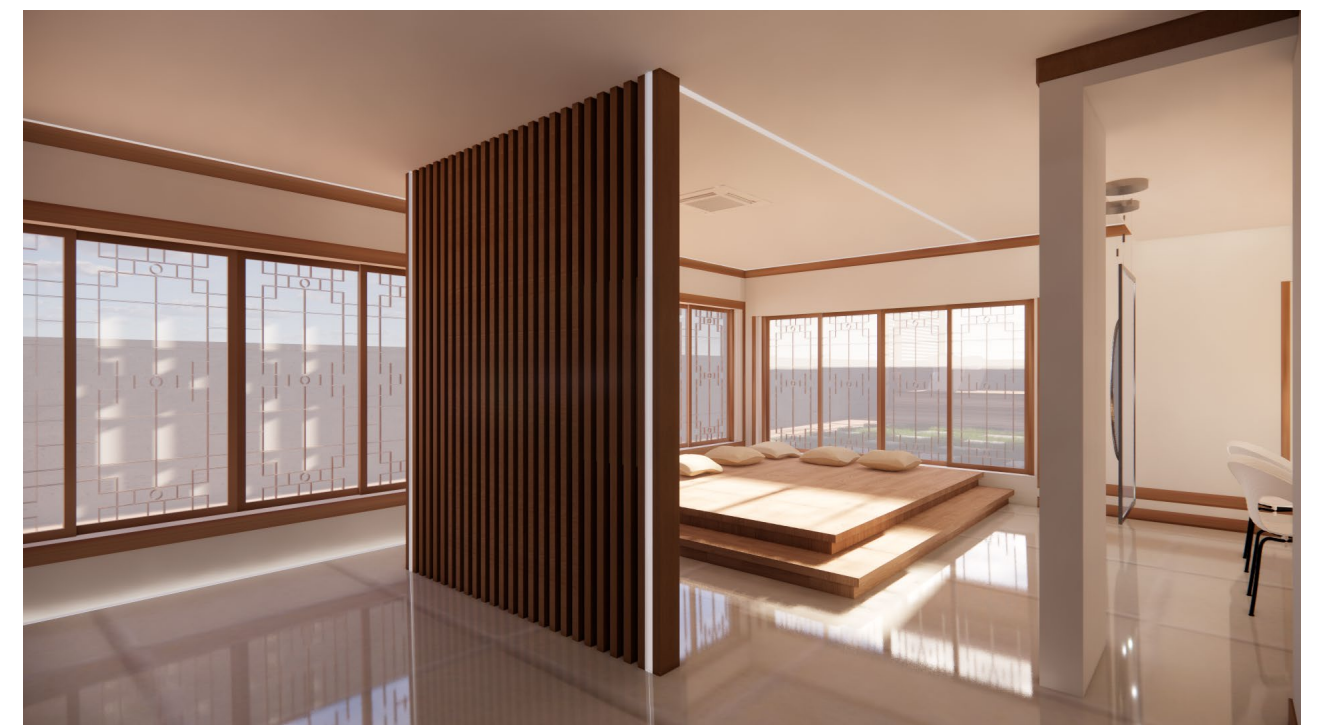




Furniture Detail



LivingRoom



LivingRoom

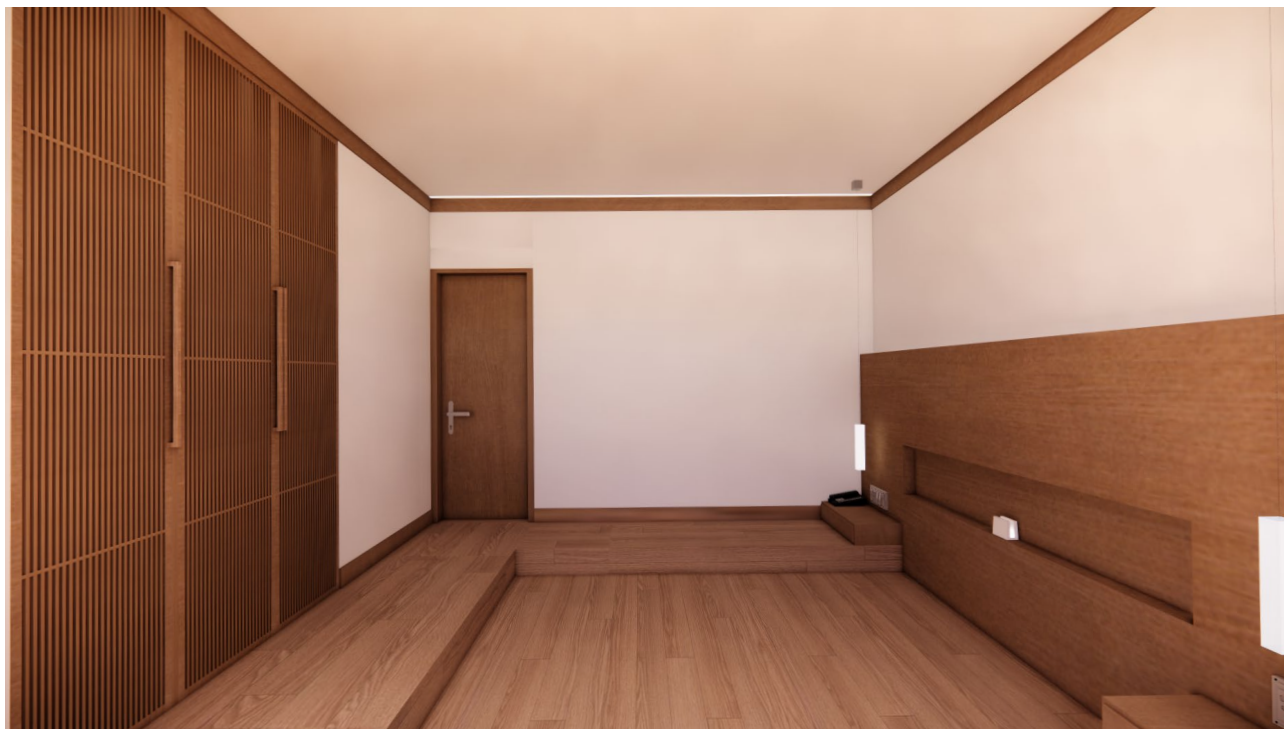




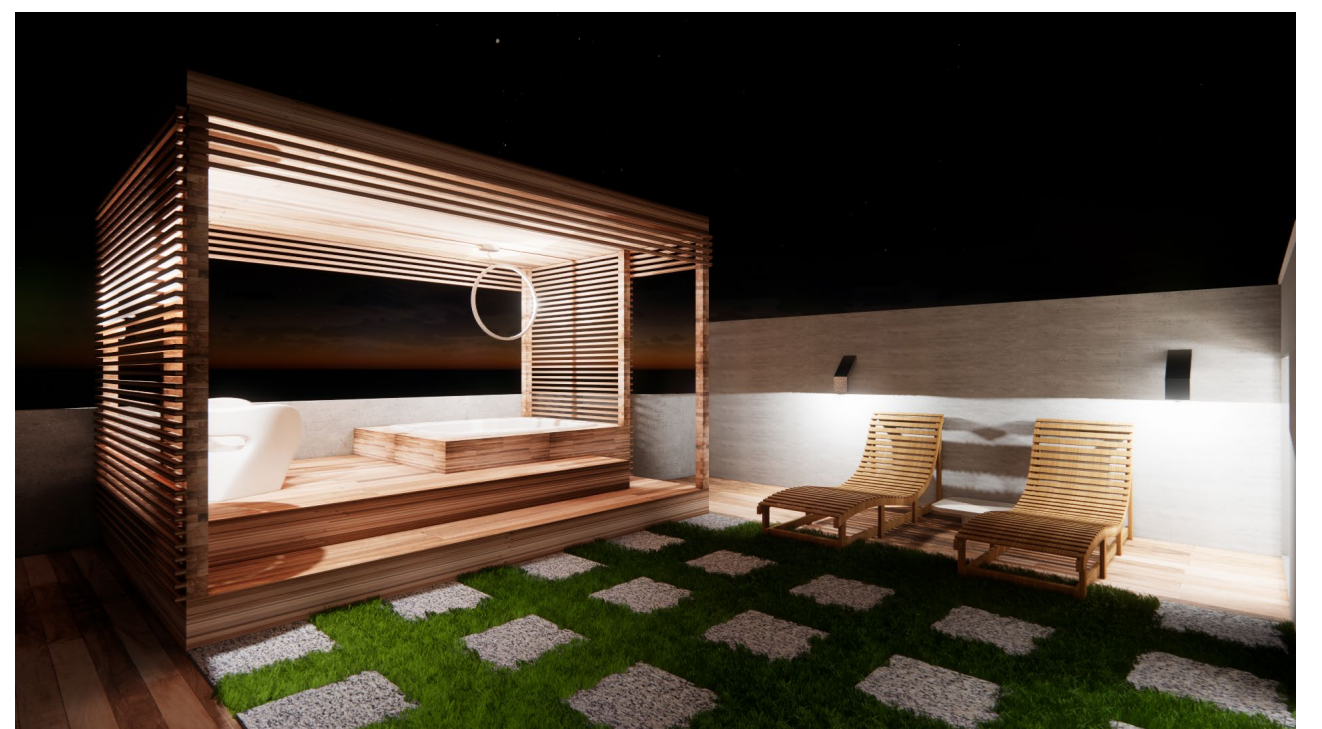
LivingRoom



Terrace(Day)



Bedroom



Terrace(Night)



## 08 QUEERBURY MULTI-PROGRAM PROJECT

- 6, ITAEWON-RO 55NA-GIL, YONGSAN-GU,  
SEOUL, REPUBLIC OF KOREA



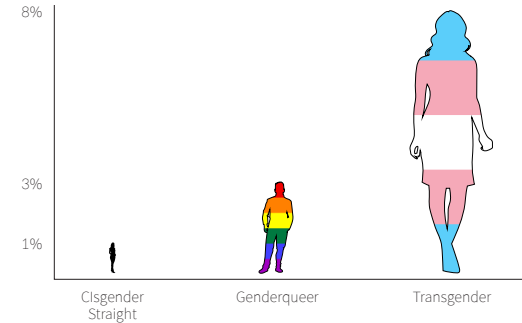
The thesis proposes proper housing for LGBTQ homeless groups, integrated within a community center christened Queerbury.

By controlling the level of exposure and privacy of the various elements of the mixed-use center, LGBTQ homeless populations will feel protected while more activist user groups will experience increased exposure to the community beyond.





22% of LGBTQ adults who are over 18 years old experience the homelessness.



Homeless population among LGBTQ is higher than that of Cisgender Straight.

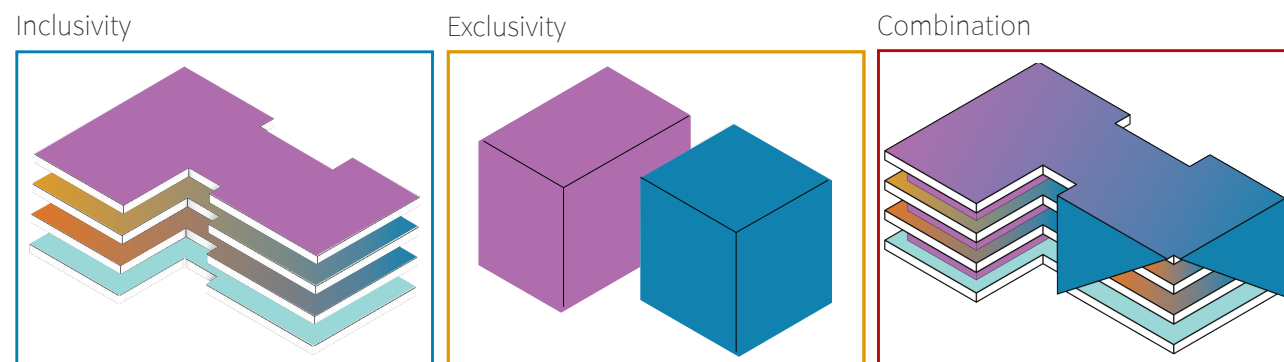
## Social Issue - LGBTQ Homelessness



Itaewon and is very urban area located in the center of Seoul. LGBTQ communities started to gather at the location in the late 1980s, and now this is the largest LGBTQ neighborhood in the country.

However it is now going through different phases because of the gentrification. The major corporations and developers are developing this area and as a result of it, movie theaters, Starbucks or other franchises are threatening the local LGBTQ community who lived/ran business there for 30 years. Once the shelter for the LGBTQ which protected the community from the discrimination and the inequality of society is now in danger to be lost.

## LGBTQ who has lost their home of life



"Inclusivity" strategy focuses on the interaction between LGBTQ community and the general public.

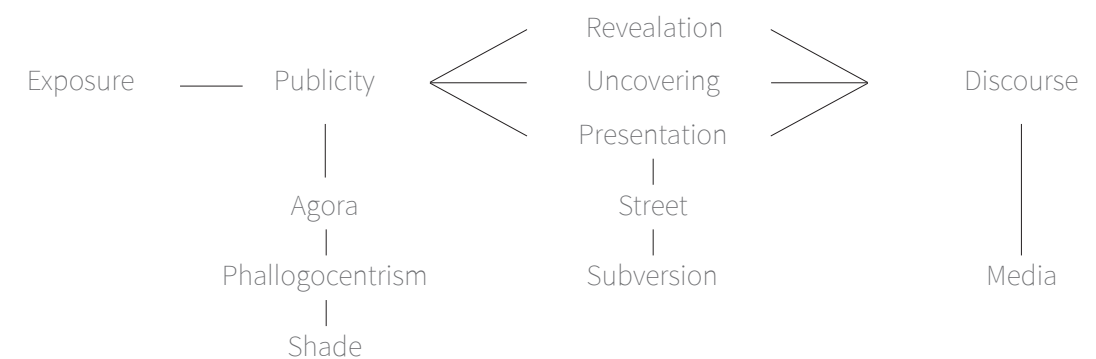
"Exclusivity" strategy aims for prioritizing the privacy of LGBTQ homeless user groups.

"Combination" strategy is to overcome the isolation of LGBTQ community while keeping their privacy at the same time.

## Design Strategy

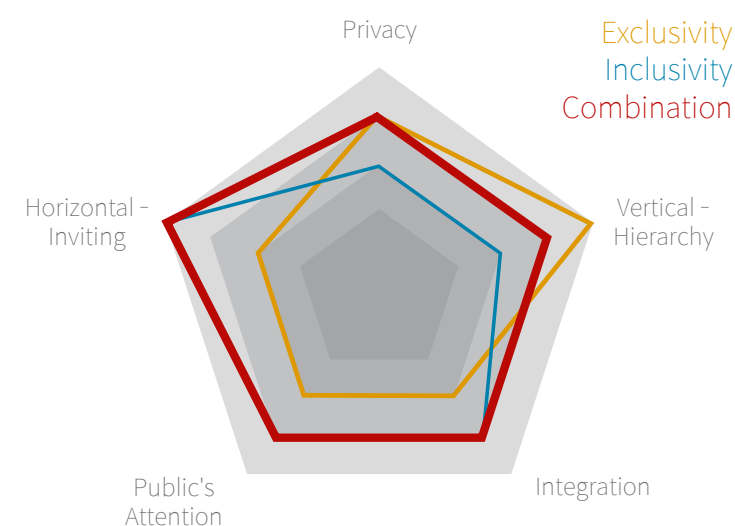


## Thesis Strategy-Subversion Diagram



In ancient Greece, only Greek men were considered to be citizens who were allowed to gather in the public space(Agora) while marginalized group including women, and foreigners, etc, had to stay inside. For minority groups to come out to the public and accepted as a part of the society, I suggest them to expose themselves in the public space, and show their existence. Through this subversion, their existence will bring discourse to our society, and eventually once minority group will engage in this world actively.

## How Subversion Works...



## Thesis Question

Is there a way to separate private/public circulation in one space?

I intend to explore this through controlling the level of exposure(rebel) and privacy(security). In this way, the user groups of LGBTQ homeless shelter will feel protected, and the activist user groups will gain social intervention through exposing themselves.

## Space Quality Diagram



## Main Programs



In this shelter, homeless LGBTQ people can stay safe from external threats and difficulties

Through controlling the spread of STI/STD, stability of the community can be expected. Also protect the basic right to access the healthcare.

Not only the physical boundary (defence), but also the conceptual boundaries can support/protect the LGBTQ community. If there is a office of the political party which sponsors and ratify the "Discrimination Act", the community could possibly feel protected.

By exposing their existence to the public (not as an entire community but activities who are willing to rebel). It will bring the discourse in our society and hopefully the LGBTQ community can be naturally embraced by the society.

## Program Details

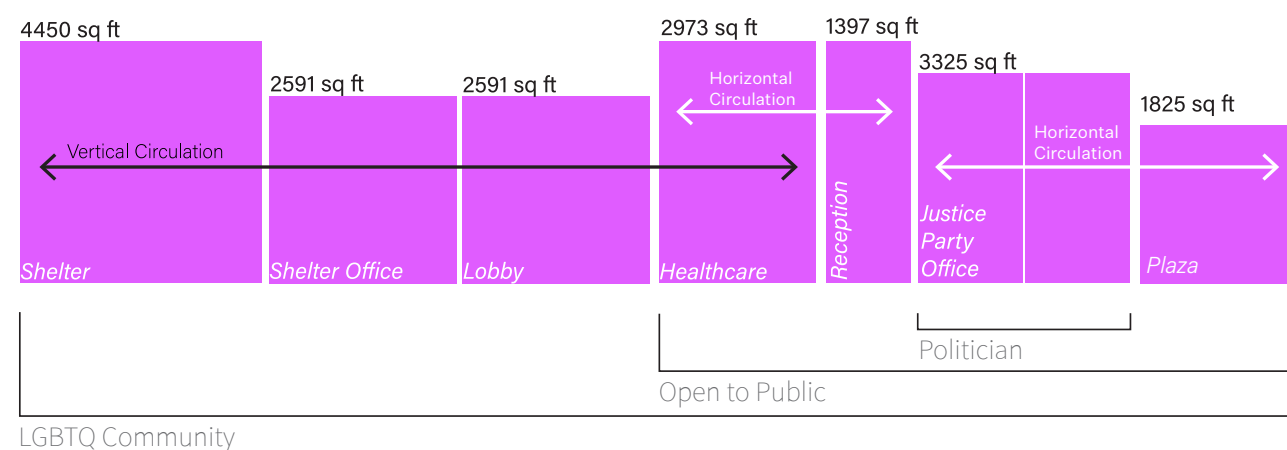
Sleeping/Bathing/Eating/Entertaining

Testing/Operating/Treating/Pharmacy

Office/Conference/Educating (Actively getting involved to the community and the society)

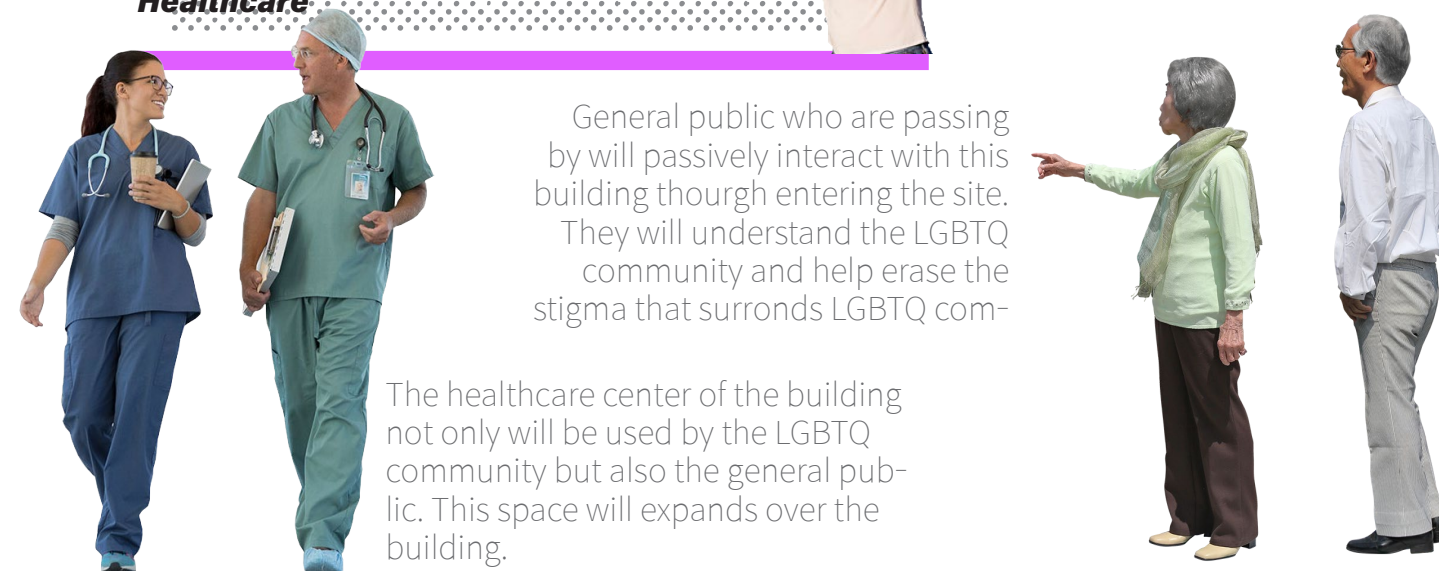
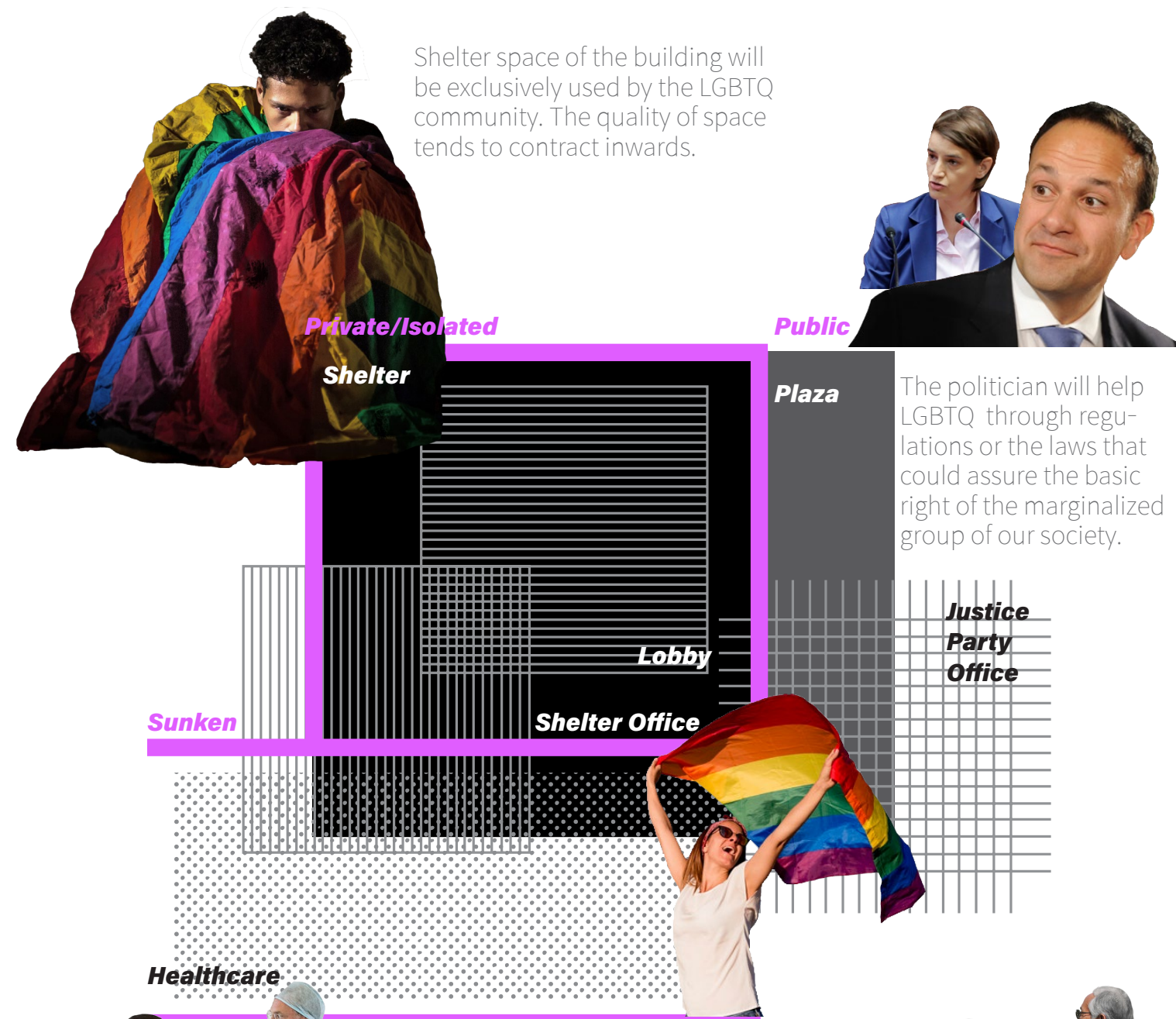
Auditorium/Flea market/Exhibition

## Program List



## Program/Spatial Quality Diagram

## Expected User/Occupants groups



Shelter space of the building will be exclusively used by the LGBTQ community. The quality of space tends to contract inwards.

The politician will help LGBTQ through regulations or the laws that could assure the basic right of the marginalized group of our society.

General public who are passing by will passively interact with this building though entering the site. They will understand the LGBTQ community and help erase the stigma that surrounds LGBTQ com-

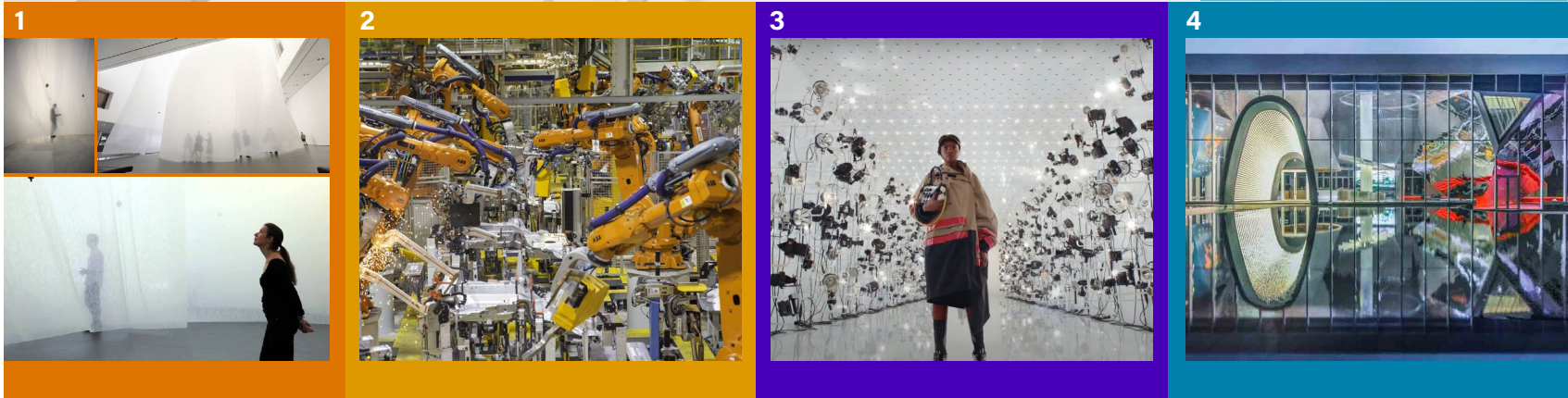
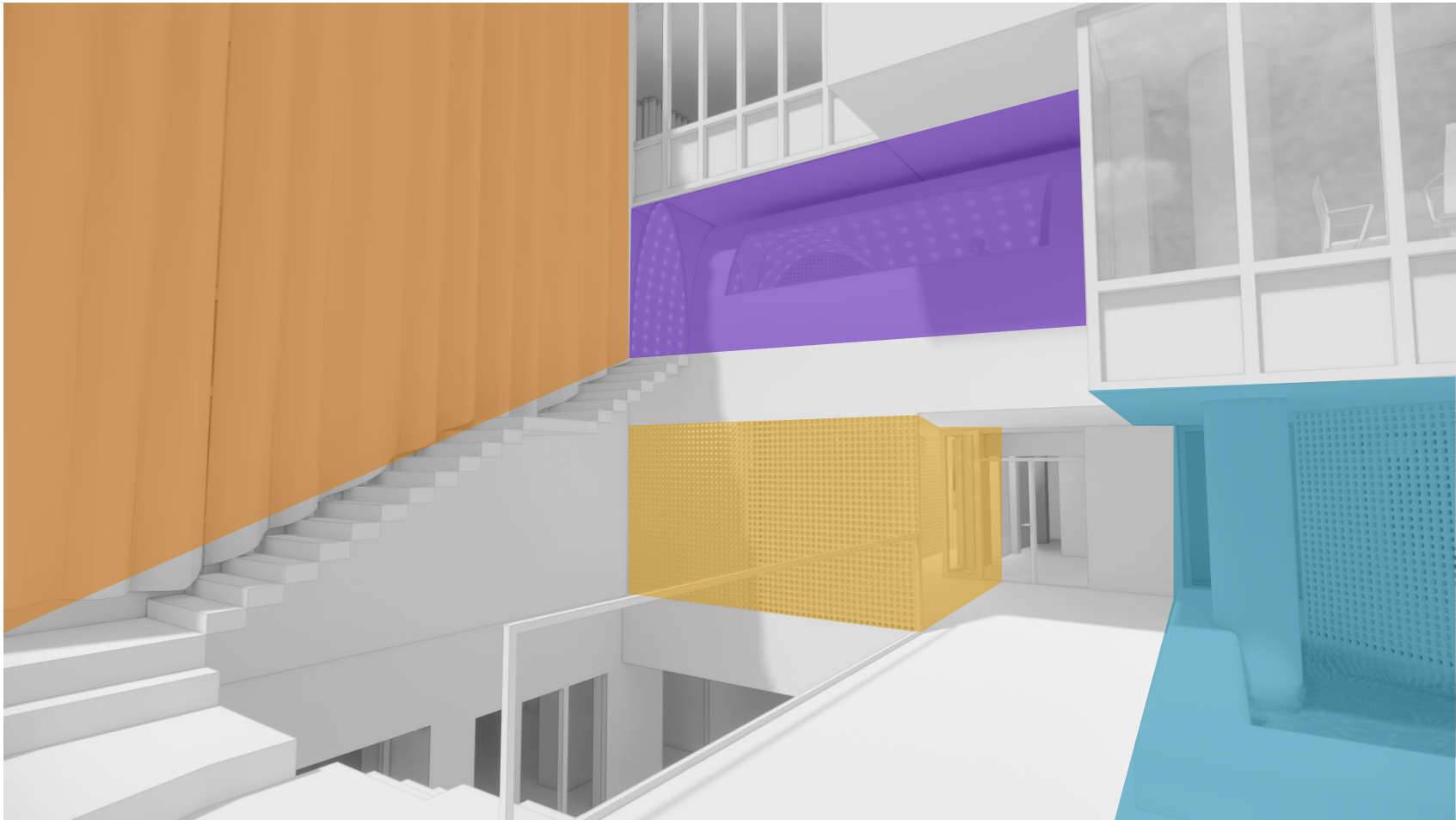
The healthcare center of the building not only will be used by the LGBTQ community but also the general public. This space will expand over the building.

## Program Relationship Diagram



Stretagy of Inclusivity

"Inclusivity" strategy focuses on the interaction between LGBTQ community and the general public. The purpose of this stretagy is to bring the general public into the building, and experience/engage with the LGBTQ community they have ignored/ stigmatized. Through this, the general public might have a chance to change their perspective toward this particular marginalized group of our society.



1. Sum of Days, (Aug 24-Nov 14, 2011)

Even though two spaces are separate by the physical partition, the translucency of the textile allows the users to interact with each other. Another layer of scrim on top of the facade will create the privacy, but at the same time will bring general public's interest towards the building(the context: LGBTQ)

2. Machine filtering/sorting/organizing

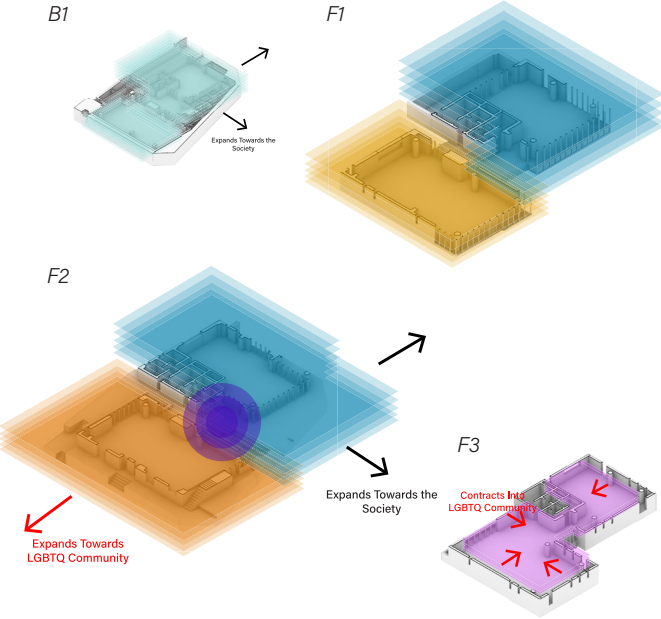
This space will operate as filtering user space. Everyone can access this space but LGBTQ group and general public group will be organized through the design strategy.

3. Gucci Aria (2021)

This "Bridge" space celebrates the existance of LGBTQ but at the same time gives enough privacy for LGBTQ community. This space will also filter LGBTQ groups and the general public.

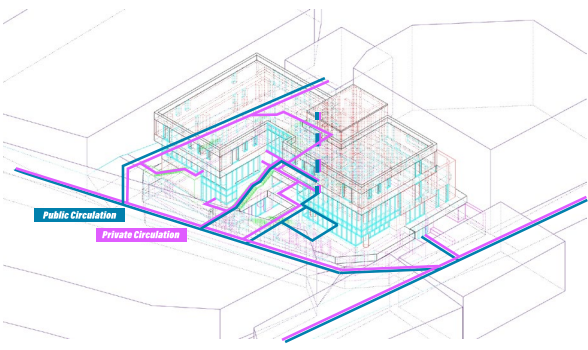
4. Bringing exterior to the interior

The purpose of blurring the exterior and interior is to invite the general public from the exterior to the interior and give them a chance to experience/ learn the social context of LGBTQ community.

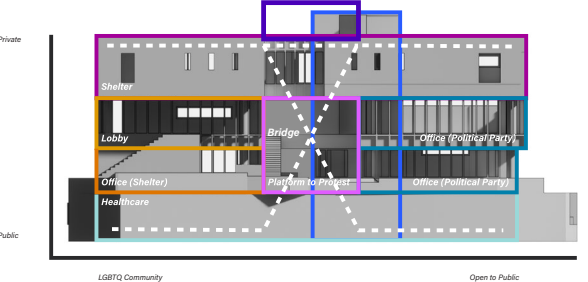


- Transitional Housing
- Emergency Shelter
- Office(Shelter)
- Healthcare
- Office(Political Party)
- Bridge

Spatial Quality Diagram



Circulation Diagram



User/Privacy Diagram

Program Inspiration Diagram

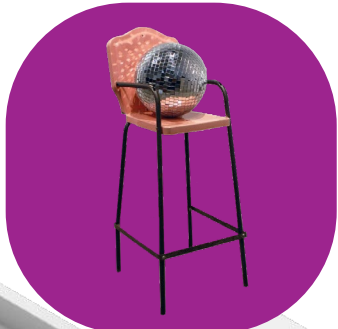


Stretagy of Exclusivity

"Exclusivity" strategy aims for prioritizing the privacy of LGBTQ homeless user groups. The west side of the building, which is accessible through the alley, can be used for the private access for the homeless users who do not want to be seen by the others.



South-West side of the Site



In Nature a diminutive mirror ball is cradled by an insisently pink high chair, too shakily constructed to serve any other purpose than toy. Nature is a title that also calls to mind its opposite – the unnatural – as well as the well-worn dichotomy of nature vs. nurture, and a reference to the fiction of the smothering mothering that has been blamed for homosexuality.

Anna Campbell. mirror ball, antique steel high chair. 2013



Paris Is Burning

This documentary focuses on drag queens living in New York City and their "house" culture, which provides a sense of community and support for the



Pete Buttigieg



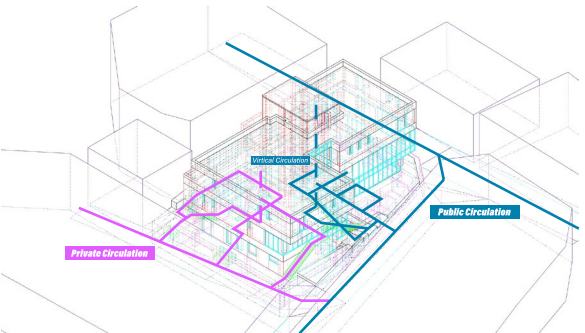
West Elevation



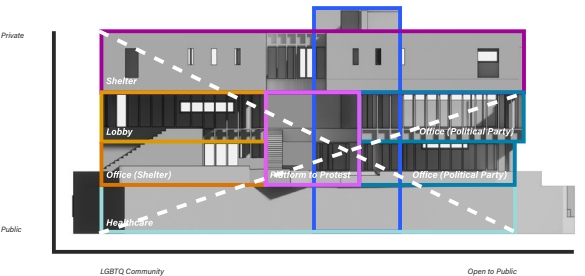
South Elevation

- Transitional Housing
- Emergency Shelter
- Office(Shelter)
- Healthcare
- Office(Political Party)

Program Diagram - Elevation



Circulation Diagram



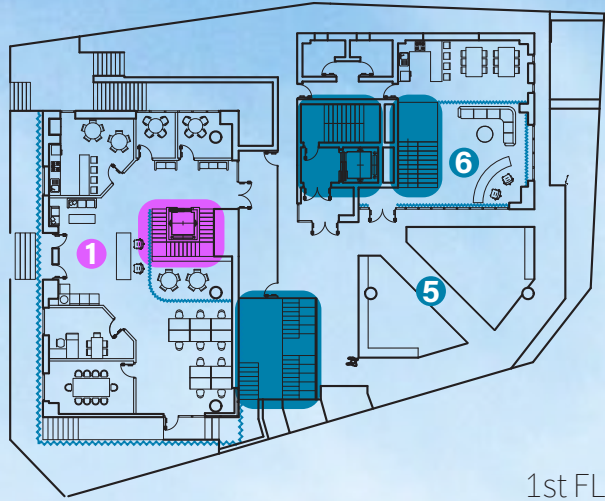
User/Privacy Diagram



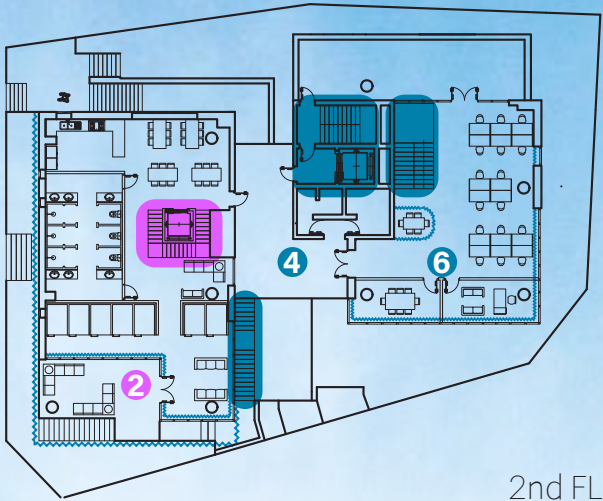
Strategy for program allocation

Strategy of Exclusivity

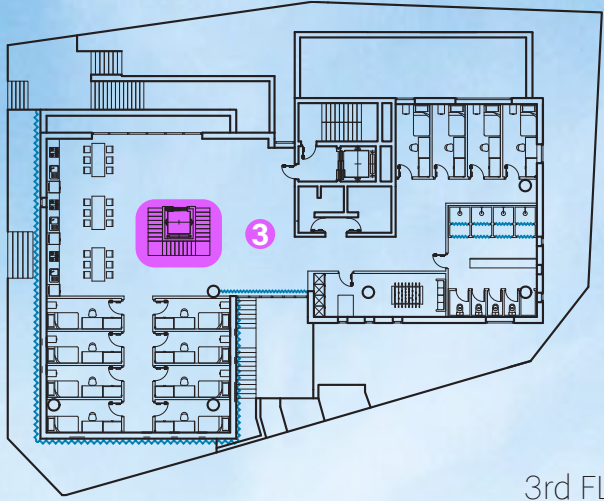
To keep the privacy of the LGBTQ user group who access shelter, the related programs: Office for the shelter, Emergency shelter, transitional housing and healthcare center, is accessible from the west side of the building. The west side of the building will be exclusively connected through elevator inside the building.



1st FL



2nd FL



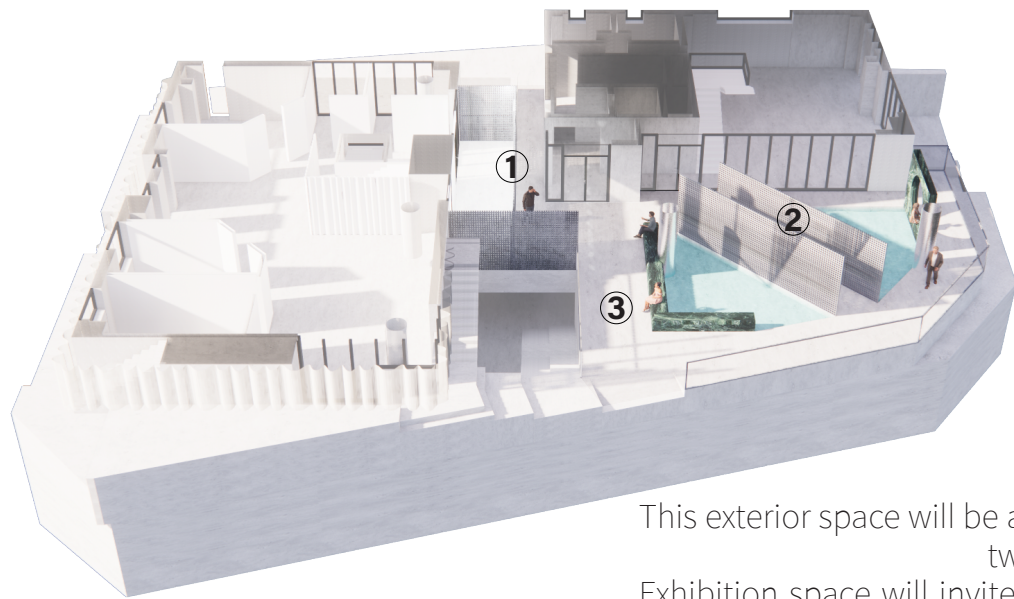
3rd FL

Strategy of Inclusivity

Programs that aims to invite the public to the space: Plaza, Office for the Political Party, and the Bridge space, will be located on the east side of the building. Through exposing strategy such as Mural, transparent glass, etc, will send the message to the public, to improve the basic right of the LGBTQ community.







This exterior space will be a dividing space for two different groups. Exhibition space will invite the public groups from the outside of the building, and will guide them to come in to the space.

#### ① Perforated Metal as Divider

This type of wall will divide two different user groups: Homeless, and the others. The density of perforation will give enough privacy of the homeless entering without totally blocking the space from the Plaza space.

#### ② Perforated Metal as Exhibition Wall

This type of wall will be used as where the art pieces can be hanged. People from the outside of the building can see what is going on inside of the hallway through the perforation. It will lead public's attention.

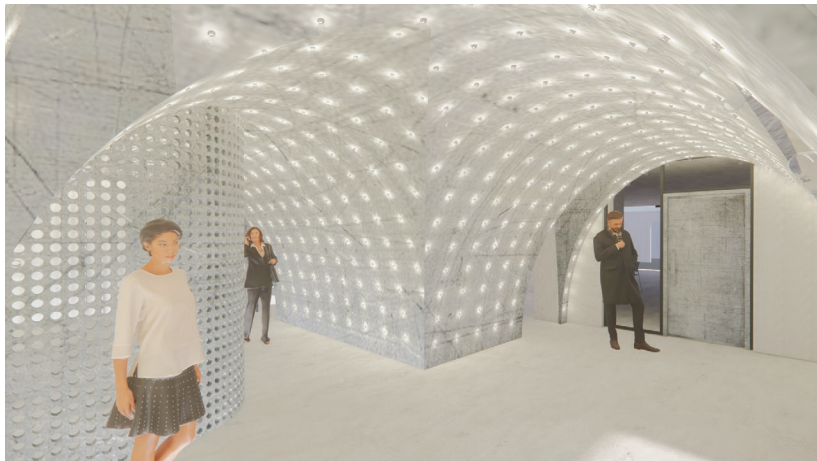
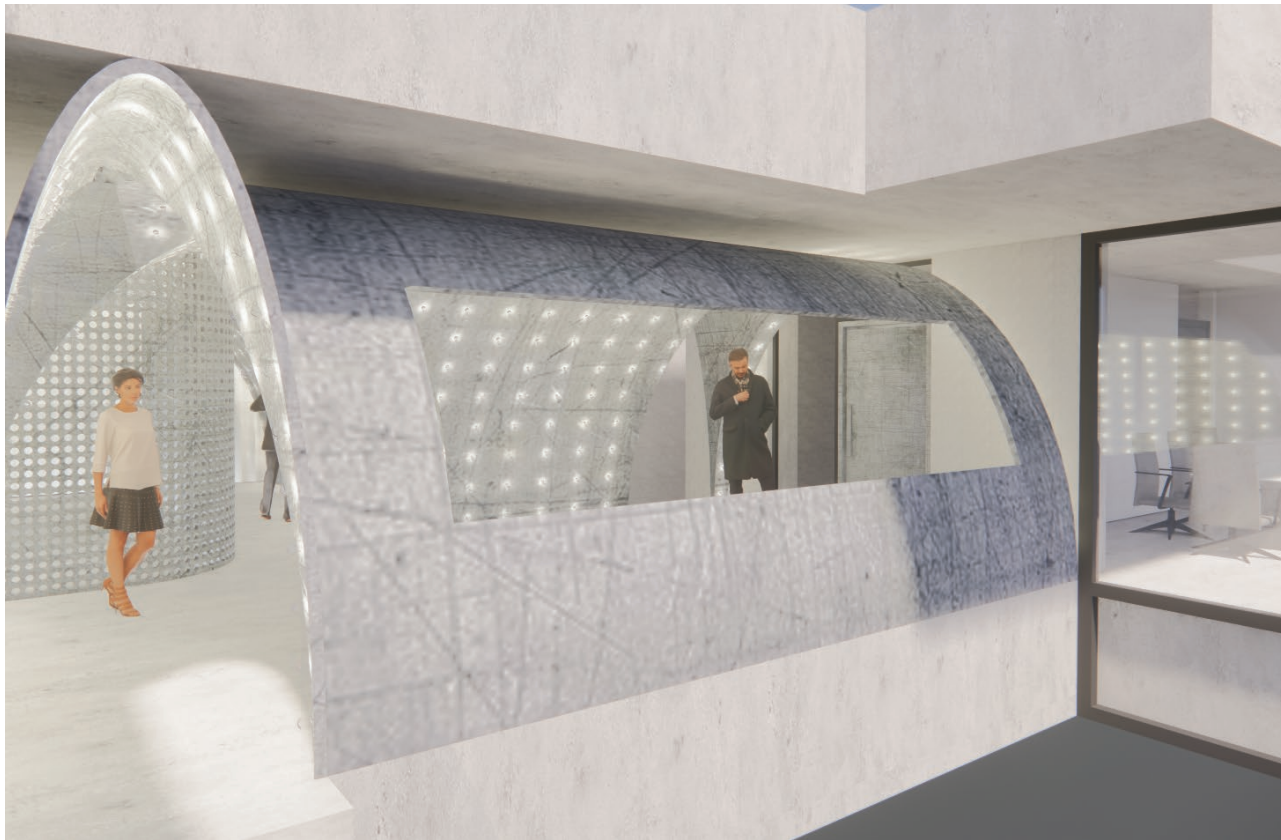
#### ③ Plaza

This space will be used as a exhibition space of the archive of Korean LGBTQ history, curated by "Queer-Arch" (Queer activist organization)

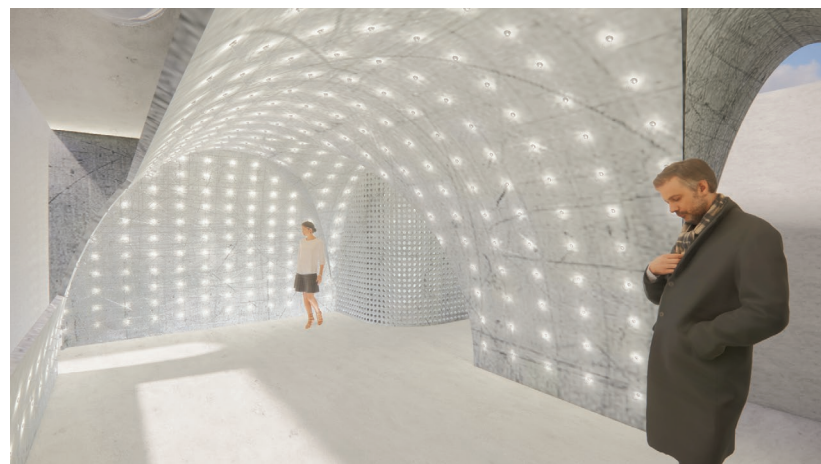
Plaza space as inviting the public & Filtering user groups



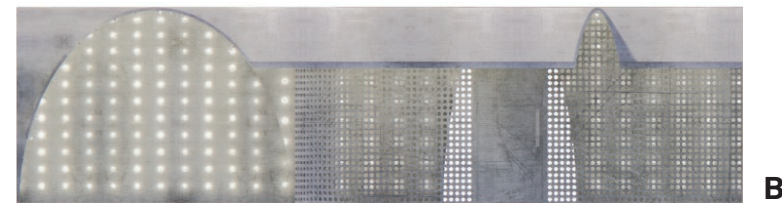
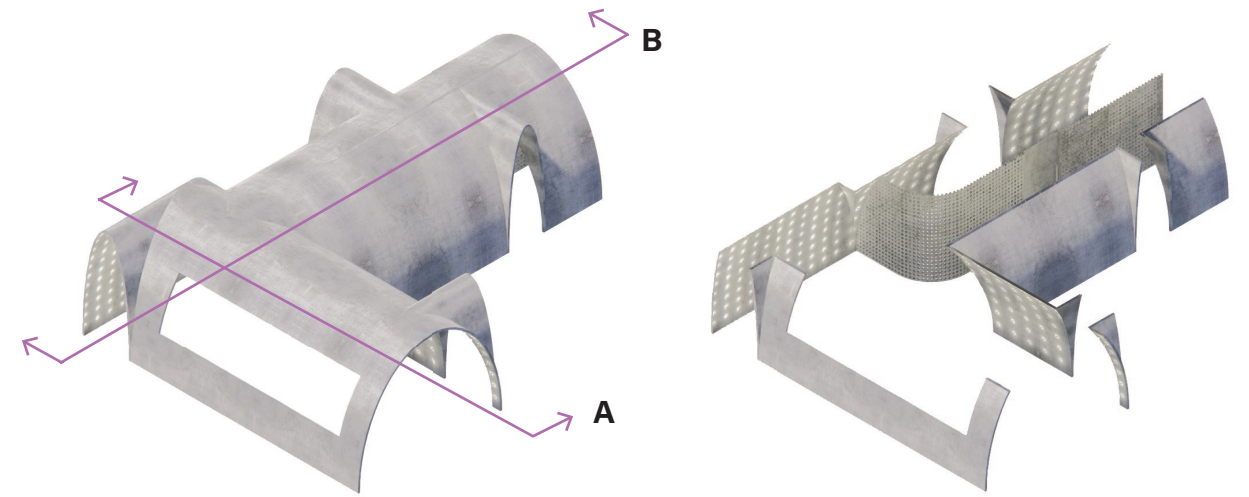




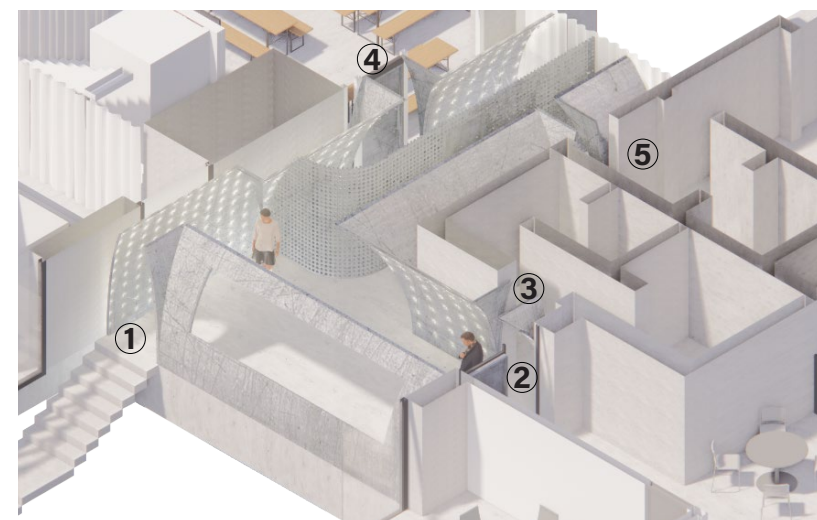
Double layers of two different wall types in front of the entrance of shelter will keep the privacy of the shelter user groups



Bridge Space



This space is located in the 2nd floor, between east side(Office) and the west side(Emergency Shelter) of the building. Through the shape of arch and lighting, people will feel secured when entering the shelter, and provide a new spatial experience to people who are heading the office.

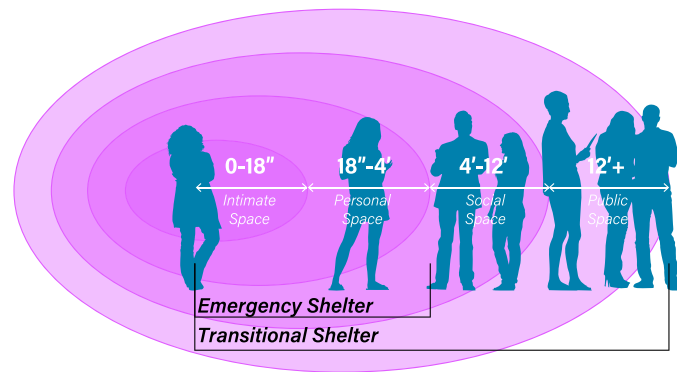
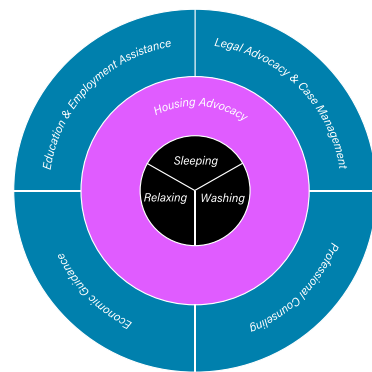
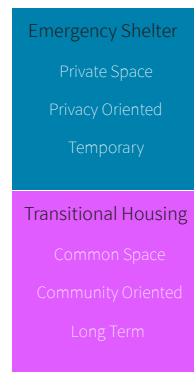


Key Map

- ① Entrance from Exterior Stairs
- ② Office for the Political Party
- ③ Bathroom
- ④ Emergency Shelter
- ⑤ Public Elevator

Arch connecting different programs



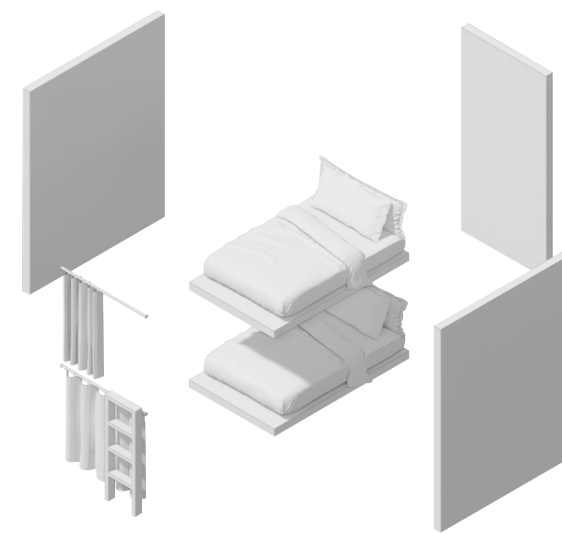


Two Types of Shelters

Level of Intimacy Space

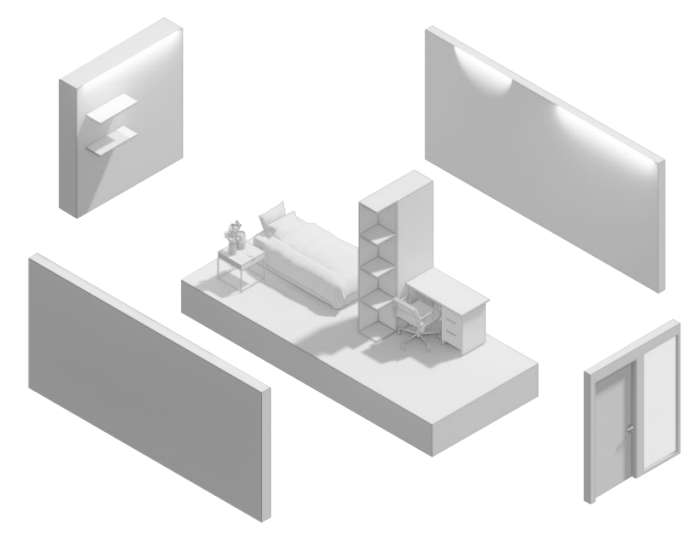
Different types of shelter will have different layout and strategy to manage the needs of the shelter. "Capsul type" of shelter will be used in the emergency shelter, which requires a sleeping area for one night. On the other hand, "Cell type" of shelter that includes bed, desk, and wardrobe will be placed in the transitional housing shelter that requires a proper housing for the homeless who will stay for the long term.

### The Logics for two different Shelter type



Emergency Shelter

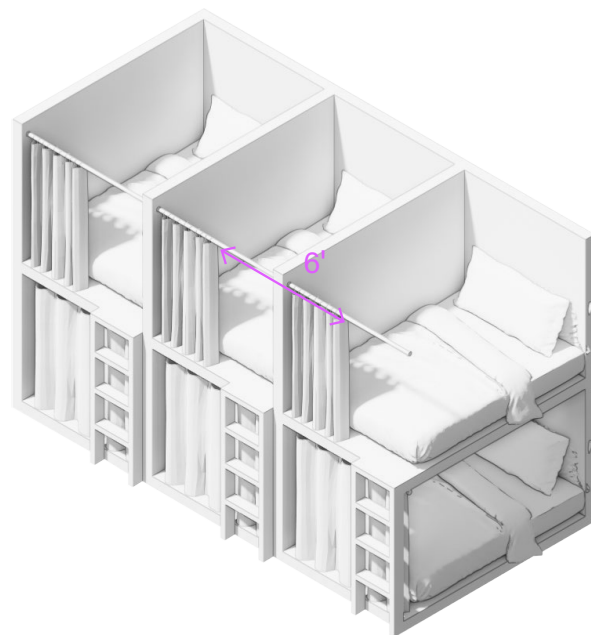
Emergency Shelter is consist of two bedding that could be easily used for short period of time. The privacy can be kept by the curtain.



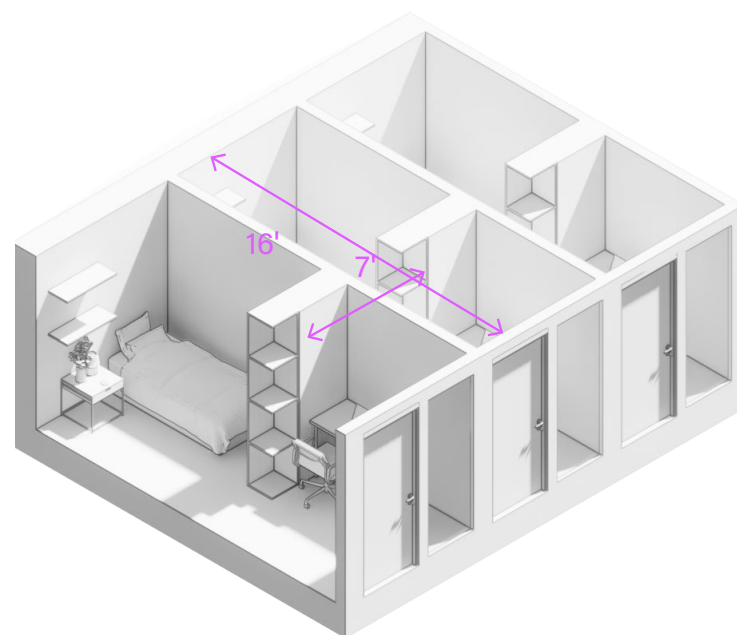
Transitional Housing

Transitional Housing is divided half: sleeping area and working area. Through this strategy, the sleeping area can be kept private from the glass wall facing the hallway.

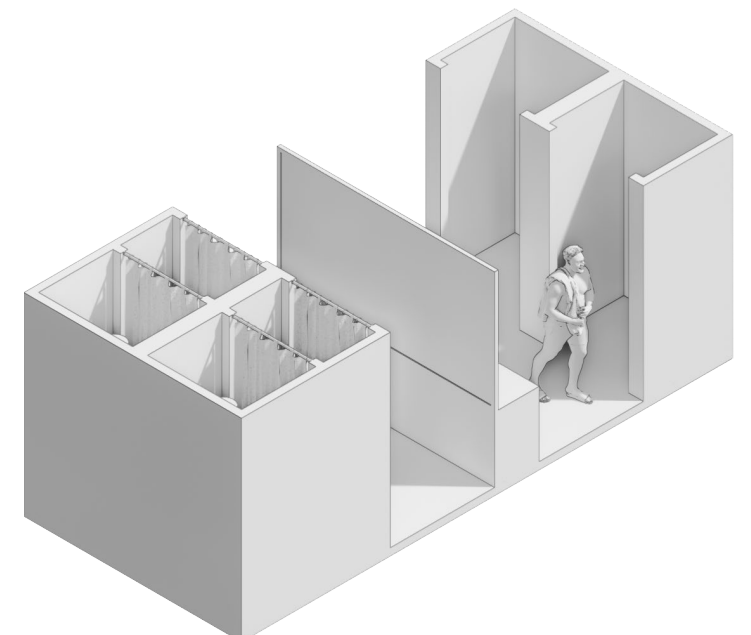
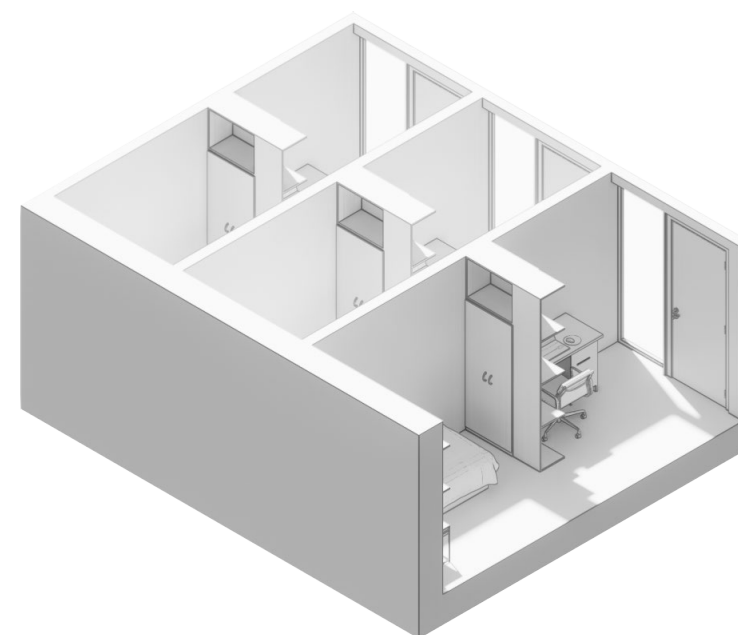
Two design strategies for two different types of spaces.  
-Emergency Shelter / Transitional Housing



Emergency Shelter



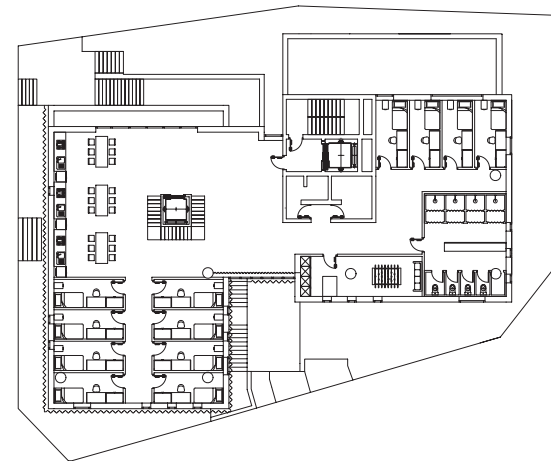
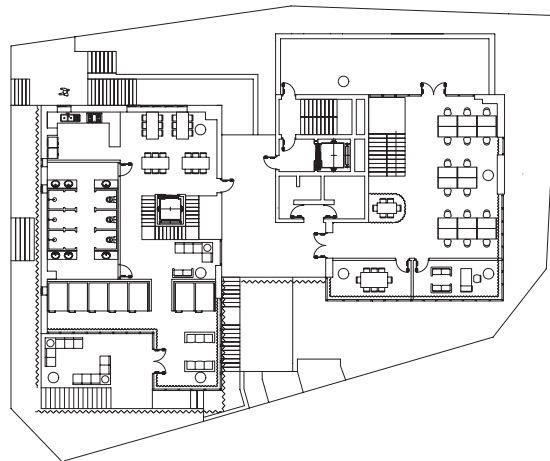
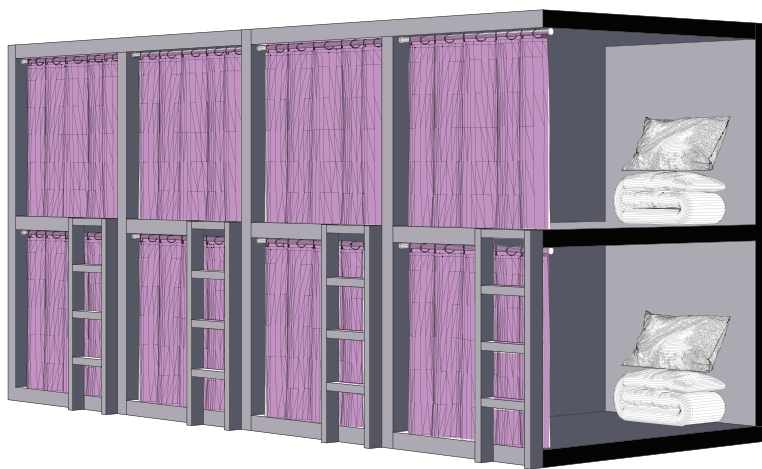
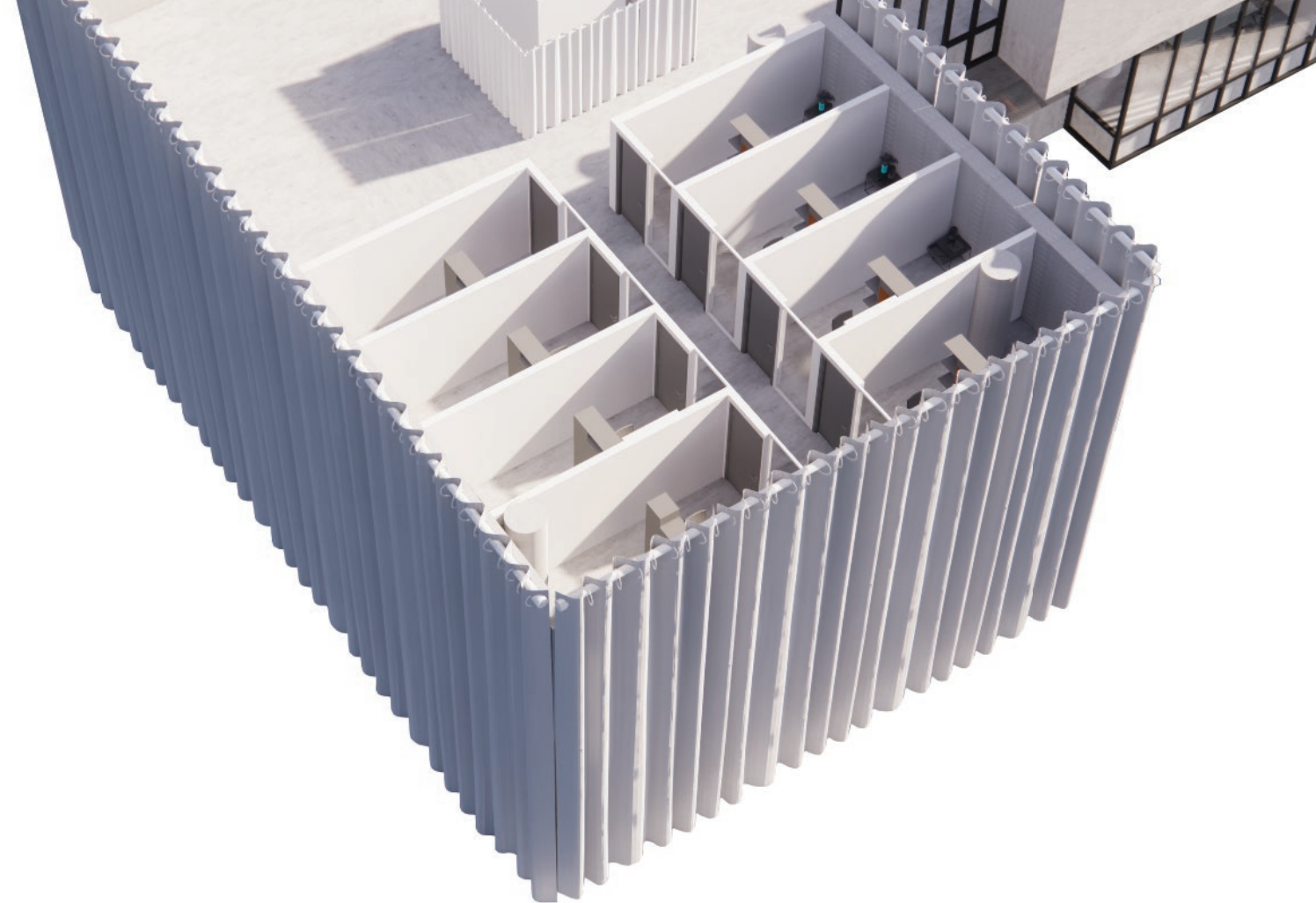
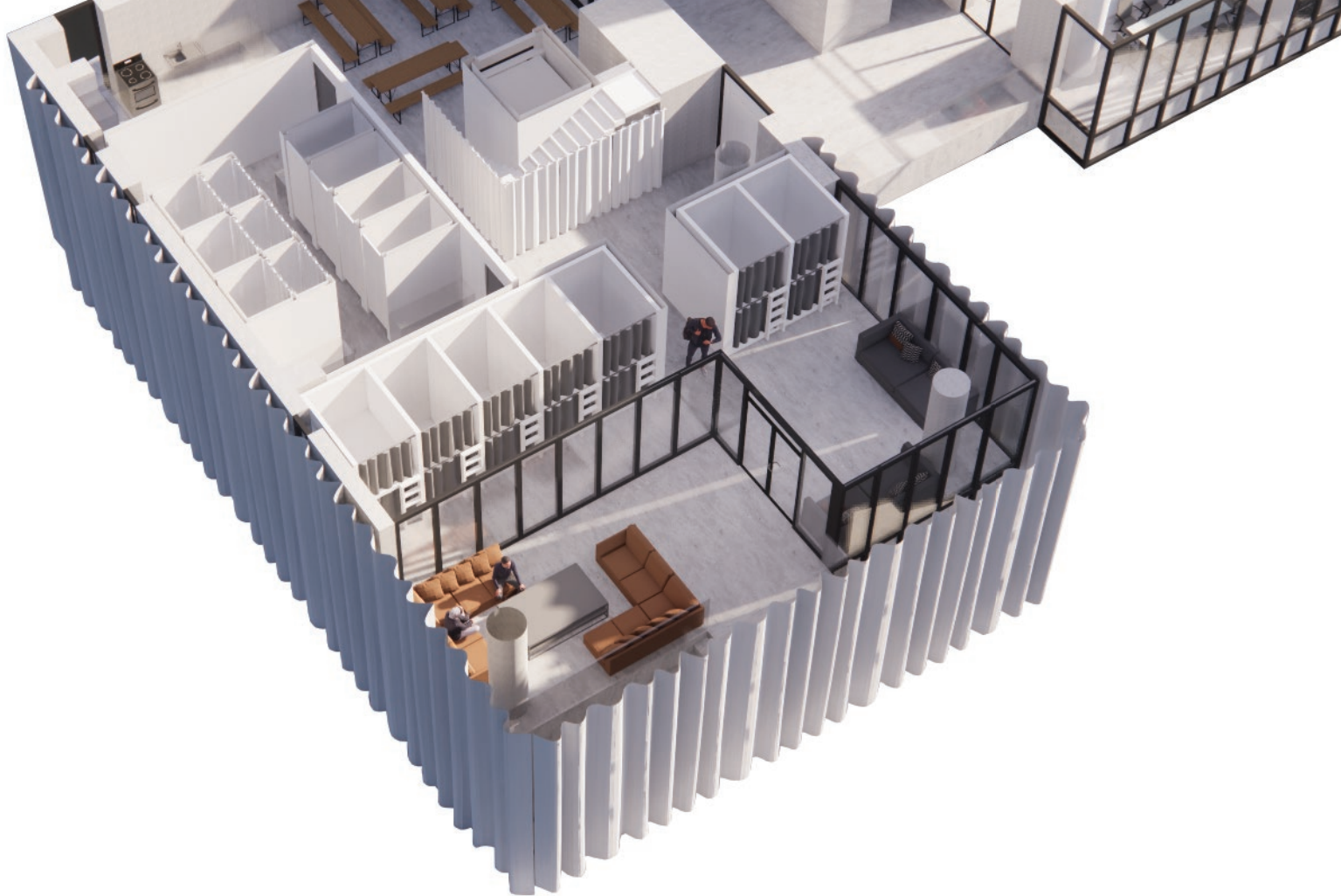
Transitional Housing



Bathroom

### Shelter Design





Emergency Shelter is consist of 14 capsule type of bedding system that can be used for a short period of time. This type of shelter is easily accessible for homeless who are in danger of sleeping outside.

Emergency Shelter

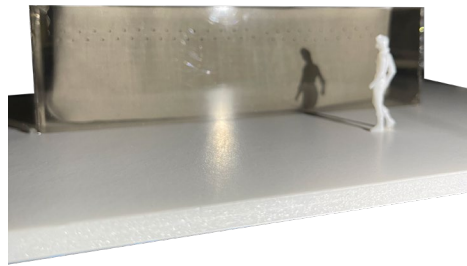


Transitional Housing is a housing space for the long-term residence. This type of shelter is consist of private units and shared shower/toilet.

Transitional Housing

Different Sleeping space types for Emergency Shelter and Transitional Housing





Light from the outside (Exterior)



Light from the inside (Exterior)



Light from the outside (Exterior)

### Material Study



Light from the outside (Interior)



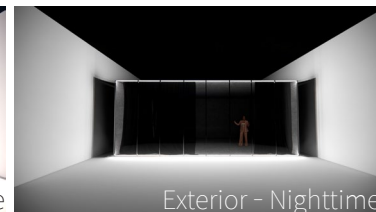
Interior - Daytime



Interior - Nighttime

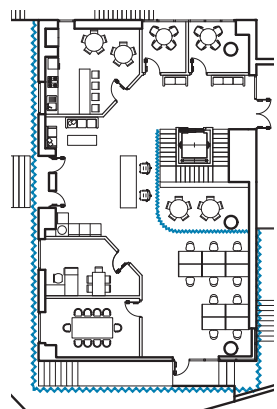


Exterior - Daytime

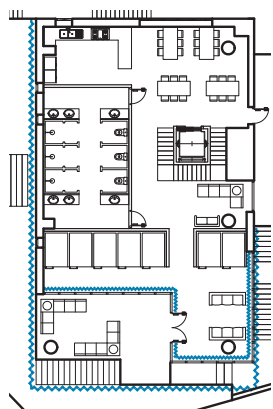


Exterior - Nighttime

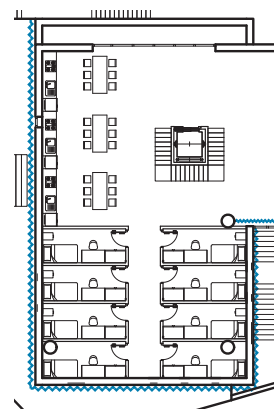
### Different effect during the day



1st FL



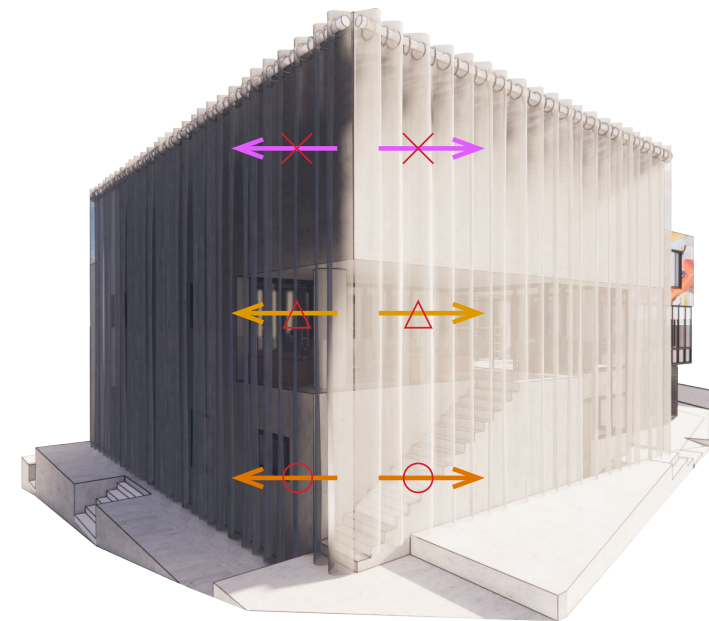
2nd FL



3rd FL

The curtain will be adapted to the west side of the building where programs for LGBTQ community are located. Through the new layer of facade strategy, the user group will feel privacy.

### Location to be adapted

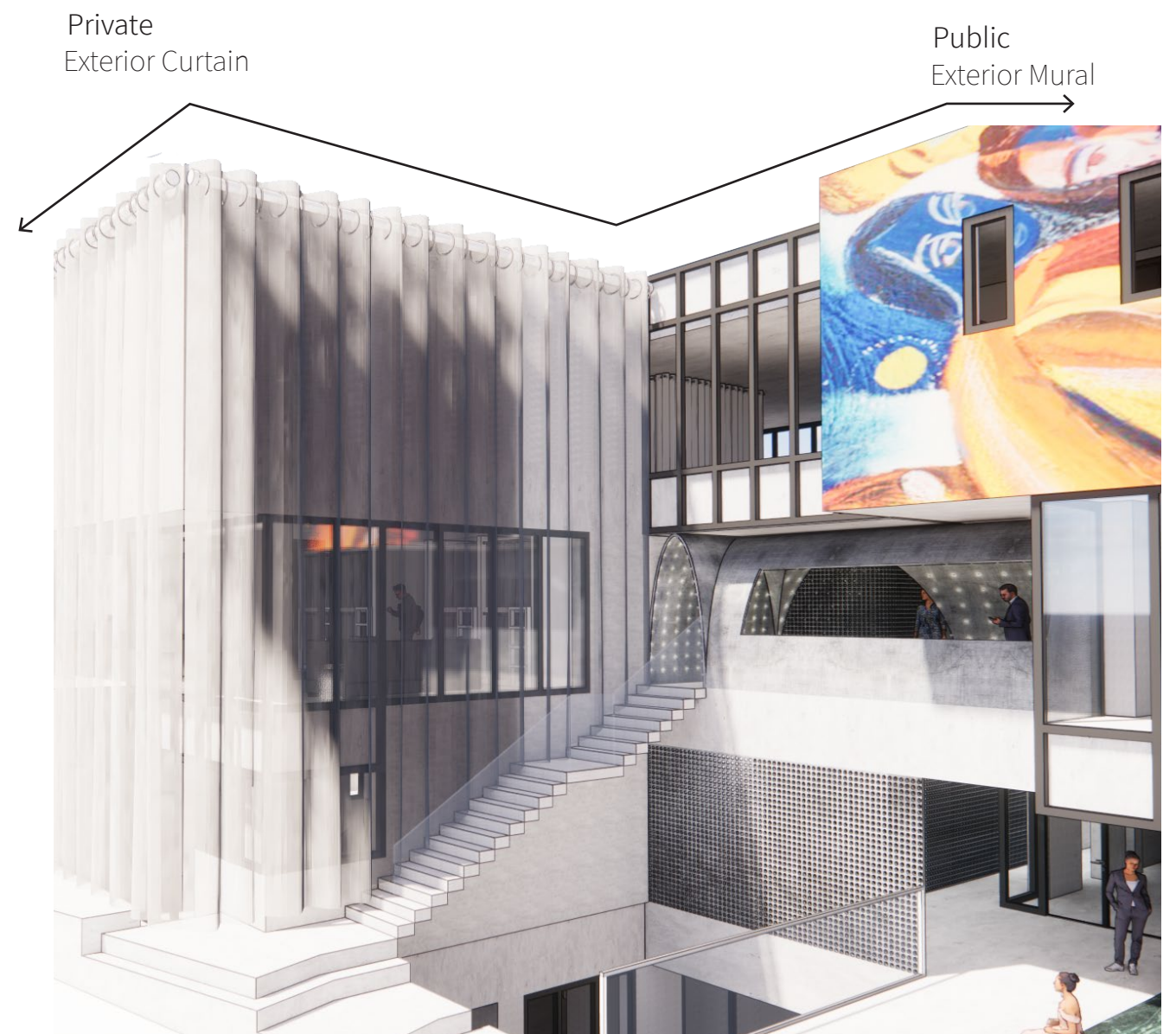


The curtain won't be opened so that it will keep the interior space contained inside the curtain

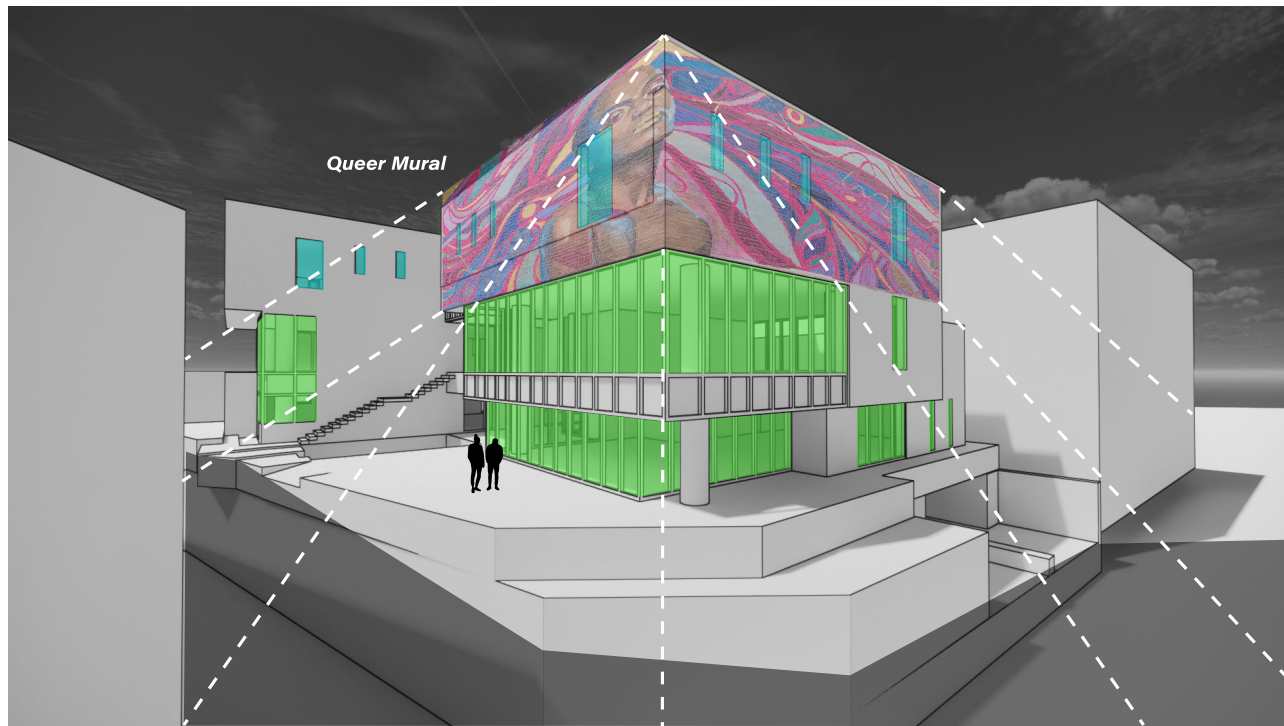
The curtain will open half-way which will give moderate amount of visibility from the exterior

The curtain will open flexibly, which gives a users a free access yet keep the privacy of the interior

### Curtain as a new facade

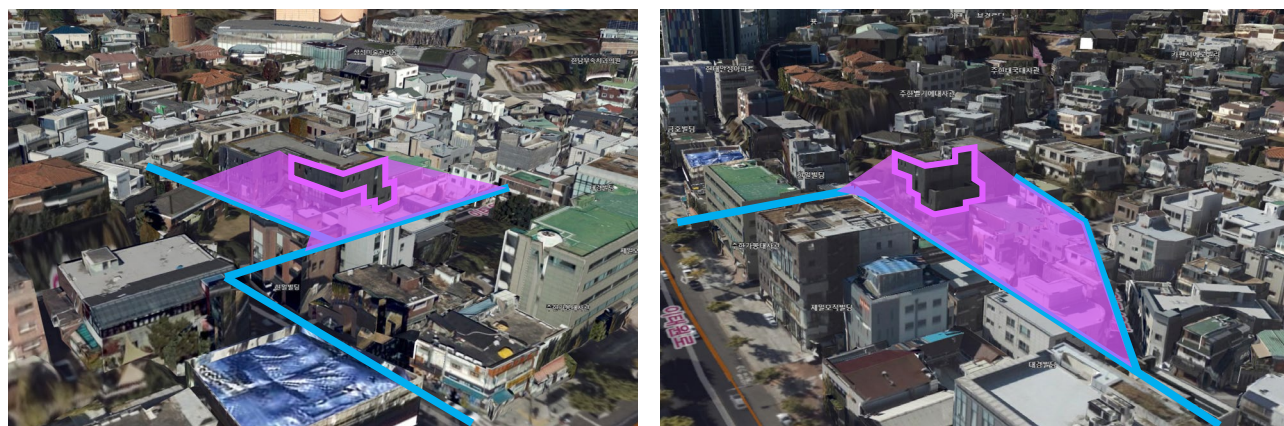






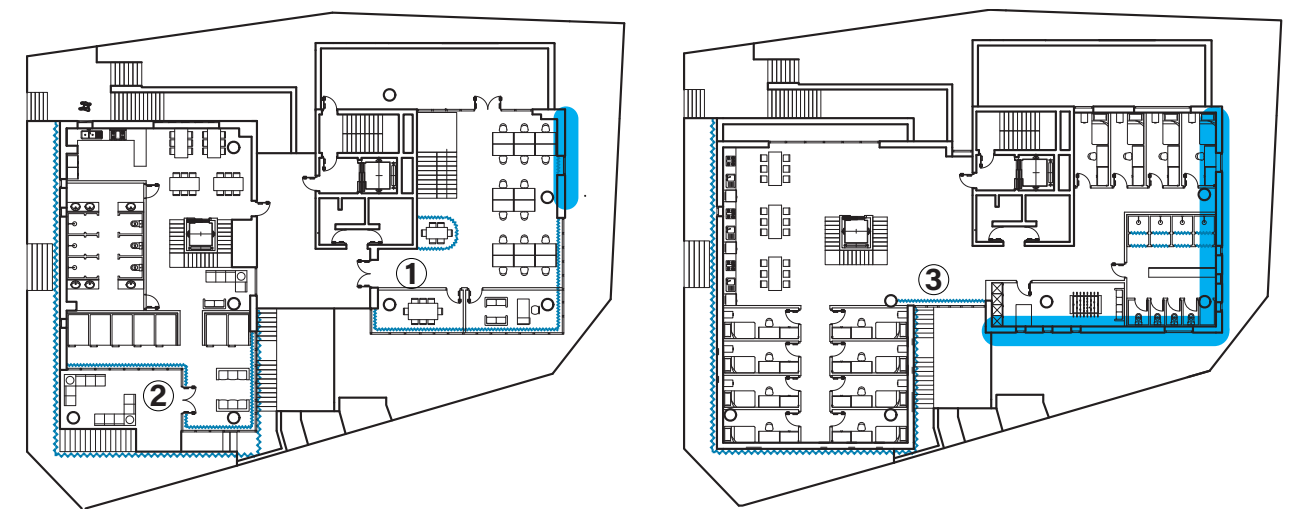
Facade Study - Mural

Originally from United Kingdom, Puck is a muralist who celebrates drag and gender non-conforming people as a reflection of queer values, acceptance, and a rebellion against social norms.



Mural as exposing identity to the neighborhood

The mural on the facade will promote the identity of the user group of this building. The mural will be seen from the entrance of the back alley that connects the site with the main street of the neighborhood.



- Private ————— Public —————
- ① Office for the political party
  - ② Transitional Housing
  - ③ Emergency Shelter



Location of mural on the facade