

OMOSOLA MUSTAPHA ADEKOYA

EXPERIENCE

Customer Service Representative

Walgreens, Hillside, NJ | December 2021 – present

- Responsibilities include: Providing customer service

Student Assistant

Kean University, Global Business School, Union, NJ | August 2021 – present

- Responsibilities include: Providing office assistance, organizing student records, and updating student transcripts

EDUCATION

B.A.: Architectural Studies, May 2024

Kean University, Michael Graves College, School of Public Architecture, Union, NJ

- Dean's list: (Fall 2020 - Present)

ACTIVITIES

- Member, National Organization of Minority Architects, Kean University, 2023 – present
- Member, United African Student Association, Kean University, 2021 – present
- Attendee, Kean University Thinking Creatively Design Conference, 2023
- Attendee, Architecture Lecture Series, Erin Besler (Besler & Sons), Princeton School of Architecture, 2023
- Attendee, Architecture Lecture Series, Cassim Shepard (S/Q Projects)The Bernard and Anne Sprizer School of Architecture at City College of New York, 2023

CONTACT

mustapho@kean.edu

973-489-4280

linkedin.com/in/omosola-mustapha-adekoya

PHYSICAL MODELING AND FABRICATION

3D print, Handcraft models, Laser cut print

DIGITAL MODELING AND DRAFTING

Rhino, AutoCAD

PRESENTATION

Twinmotion, Blender for detailed structure animations, Adobe

DESIGN EXPERIENCE

Rendering for Christ Aspotlic Church interior renovation, Irvington, NJ March 2023 – present

- Responsibilities include: Interior renderings for Christ Aspotlic Church renovation
Illustrator InDesign

ACHIEVEMENTS

Valedictorian, Eagle Academy for Young Men of Newark, 2020

SKILLS & INTERESTS

Bilingual (English and Yoruba)

ARCHITECTURE PORTFOLIO, 2023

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SKILLS & INTERESTS

ABOUT ME

My name is Omosola Mustapha Adekoya, I'm a student at Kean University, where I major in Architecture. I've always had passion to become an Architect since the time I started technical drawing course at high school. My design strength are based on different architecture designs in aspects of programs and functionality, whereas I'm able to express my arts and concepts to bring about a concrete solution to various design problems.

CONTACT ME :Mustapho@kean.edu
Omosolaadams@gmail.com

REFERENCE: konykc@kean.edu
csherrod@kean.edu
evela@kean.edu

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Spring 2023

02 **THE SWIFTLET, ELIZABETH, NJ**
Fall 2023

03 **FIRE STATION, MILL CREEK, NJ**
Fall 2021

04 **COMMUNITY PROJECT, IRVINGTON,
NJ(CAC)**
2023

05 **MODEL CRAFTS AND ARTS**
Fall 2020-Spring

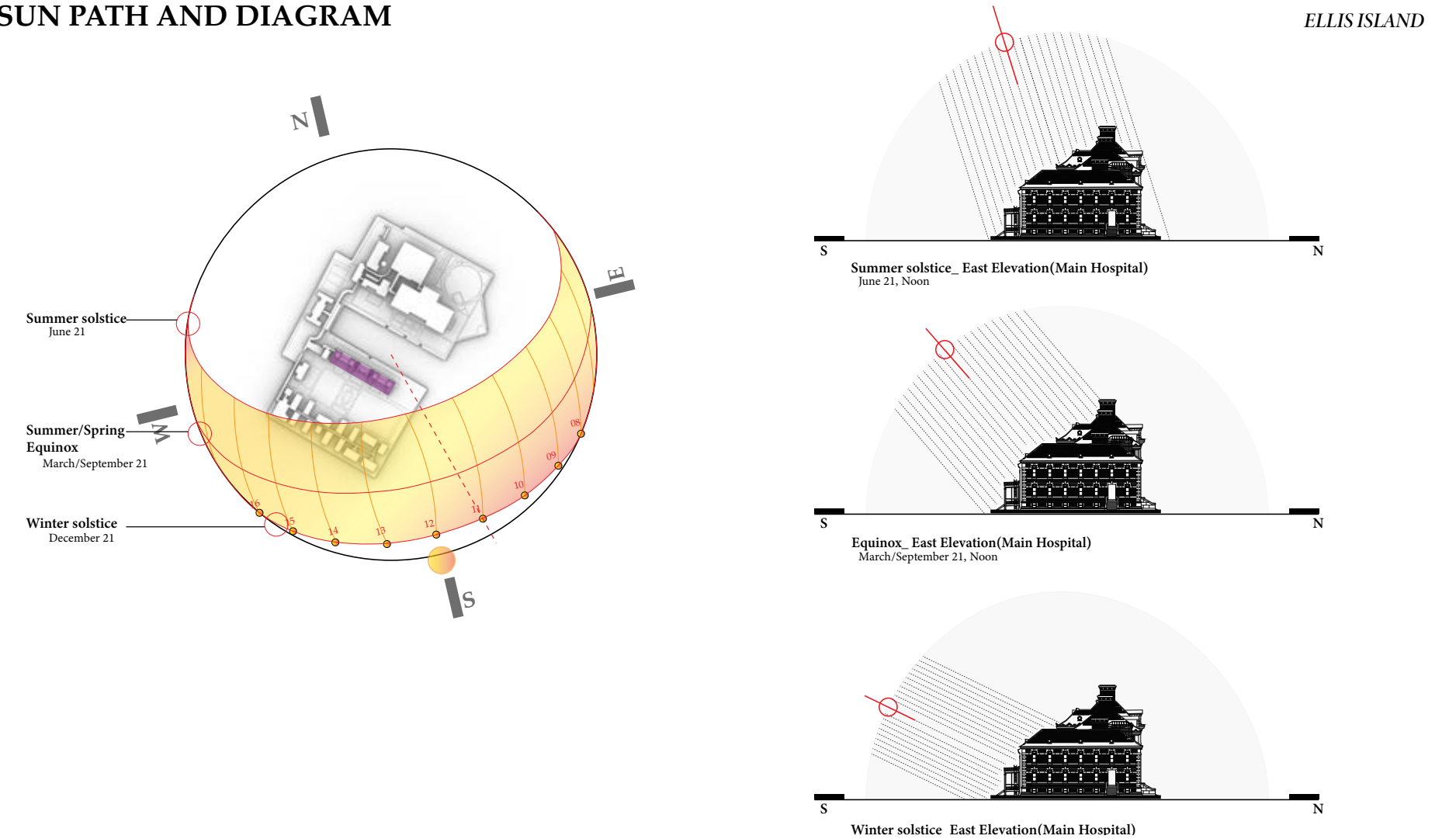
ELLIS ISLAND HOSPITAL(Adaptive Reuse) 01

The project is focused on environmental and spiritual wellness for my design of the Ellis Island Hospital. The new design is a Rehabilitation center for physical therapy. To bring about environmental wellness to the building, I used the idea of exposure to nature from the Girassol Pavilion in Brazil. To bring about Spiritual wellness, I included the idea of compression and tension in space from the Spa Pavilion in Austria, and I made use of the weaving strategy as an adaptive reuse strategy. Most of my new design can be seen on the floor plate of the second floor and the skin of the building. Most of these changes were made to open up the building to make the old design more visible to the outside.

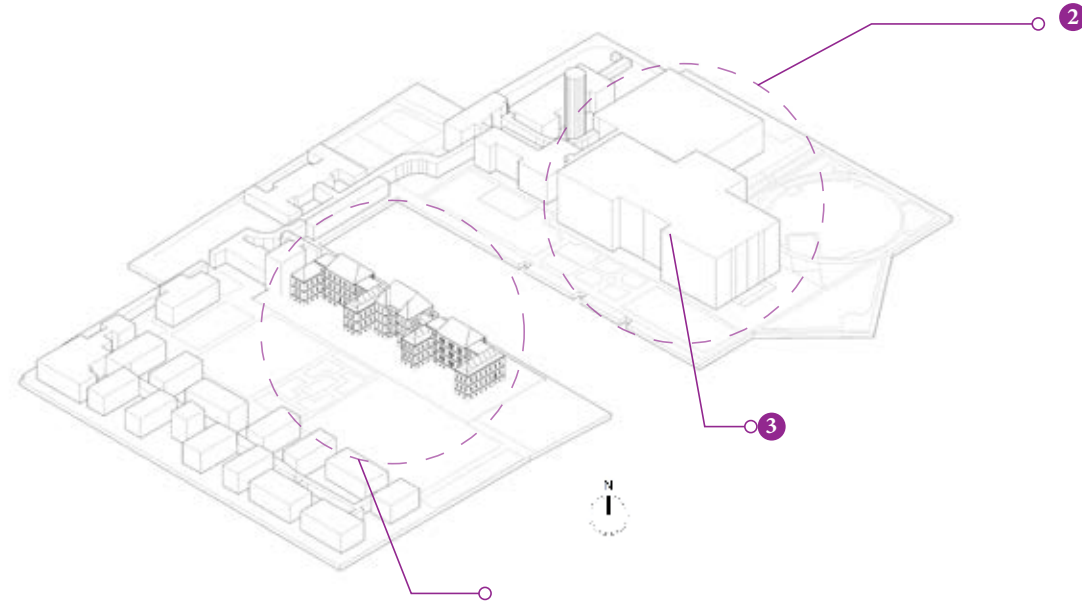


SITE ANALYSIS

SUN PATH AND DIAGRAM



MATERIALS STUDY



1. Main Hospital + Contagious Disease Hospital



2. Immigration Building + Museum



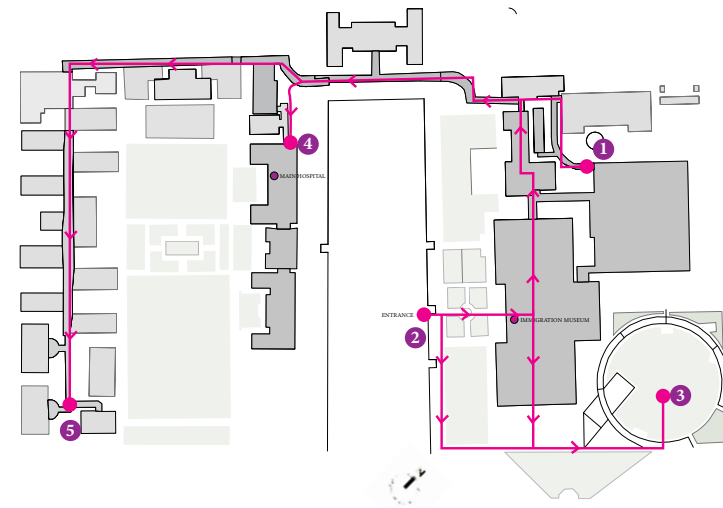
3. Facade patterns- Geometry



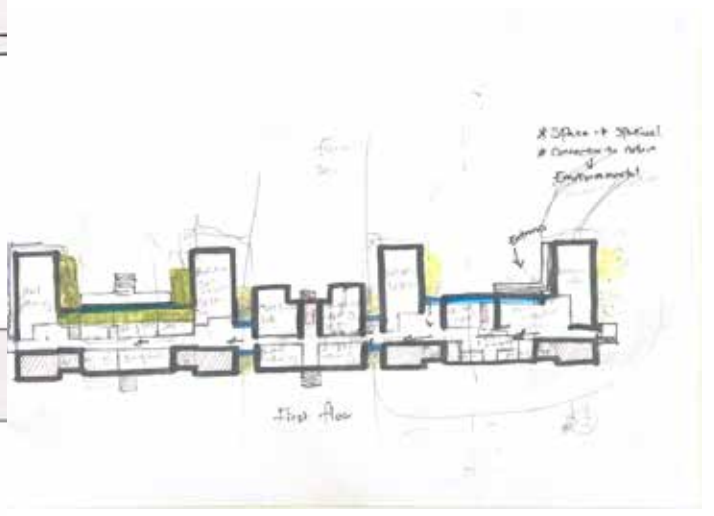
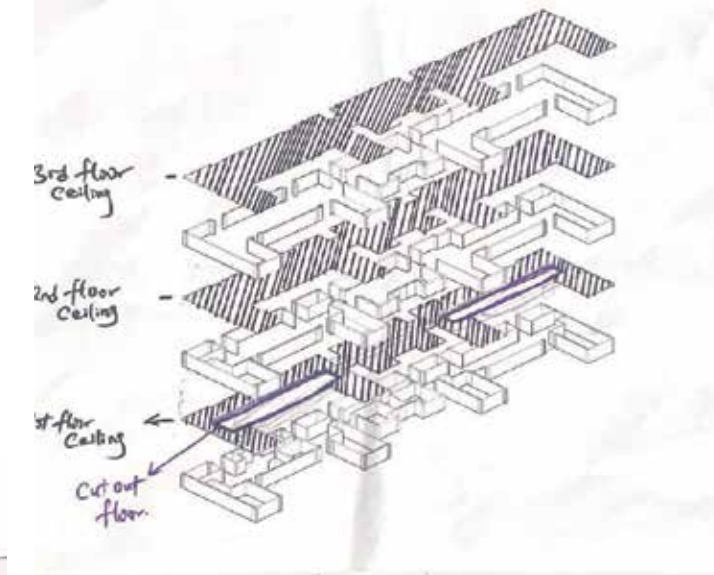
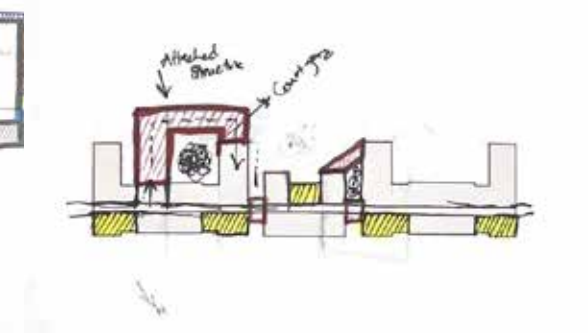
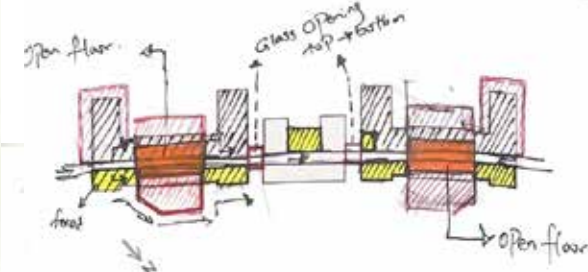
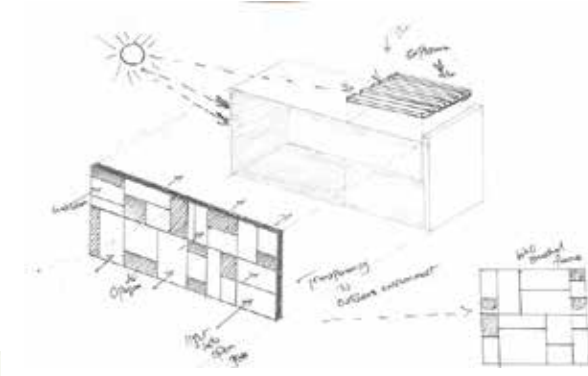
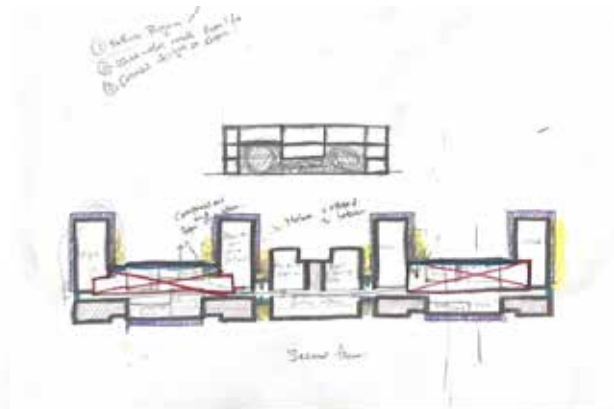
Interior patterns

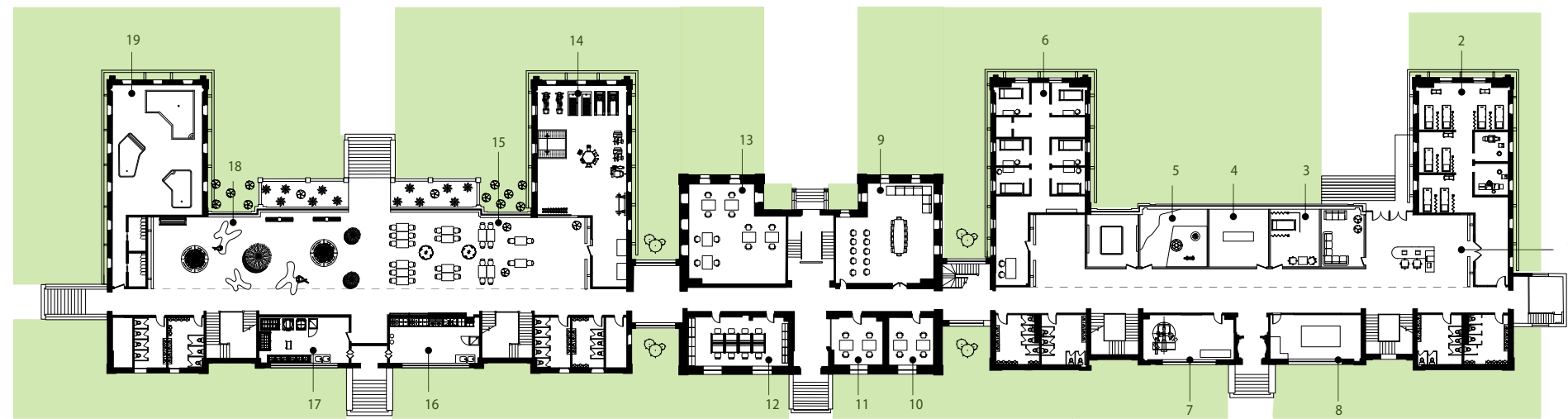


PUBLIC CIRCULATION ON SITE



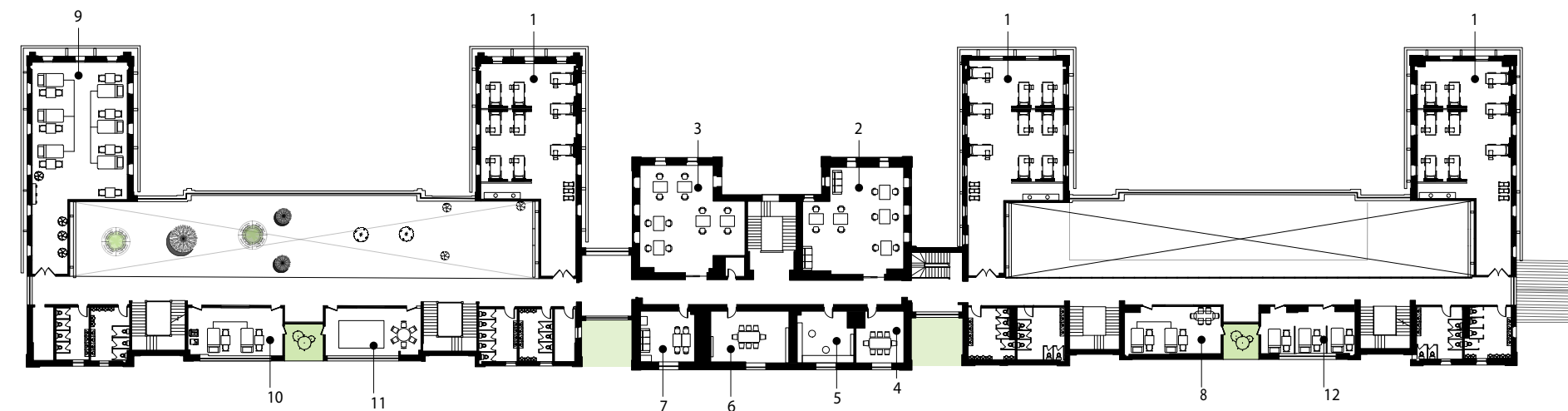
PROCESS SKETCH





FIRST FLOOR PLAN

Scale 1/32



SECOND FLOOR PLAN

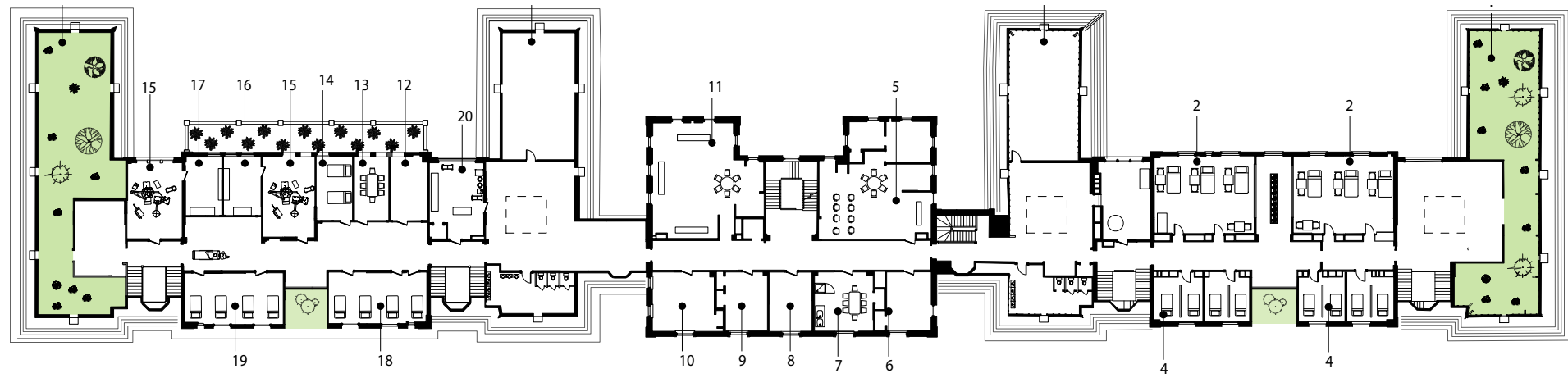
Scale: 1/32

- | | |
|-------------------------------|----------------------------|
| 1. Reception | 13. Admin office |
| 2. Emergency room | 14. Gym |
| 3. Hand Therapy section | 15. Dining space |
| 4. Occupational Therapy | 16. Food preparation zone |
| 5. Sensory integration space | 17. Main kitchen |
| 6. Out patient Department | 18. General activity space |
| 7. Xray/CT-scan | 19. Pool Therapy section |
| 8. Activites for daily living | 20. Waitng room |
| 9. Multipurpose hall | |
| 10. Social welfare unit | |
| 11. Consultant room | |
| 12. Library | |



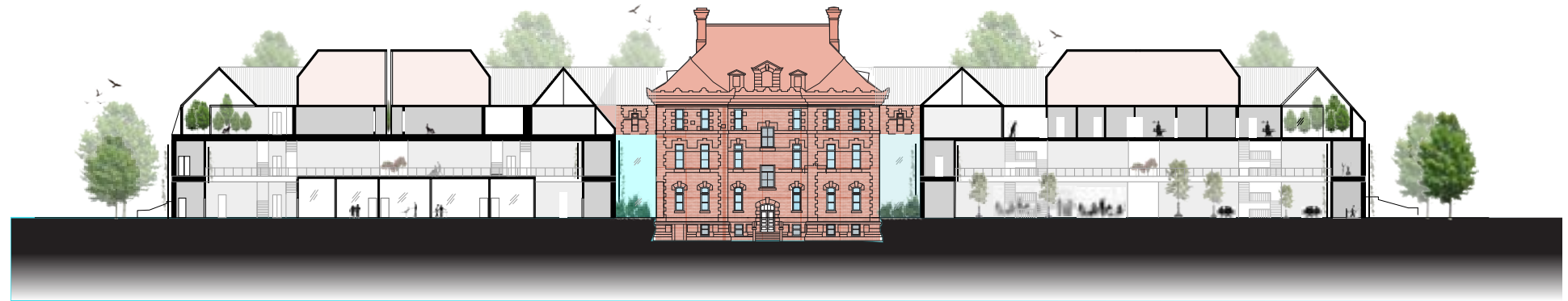
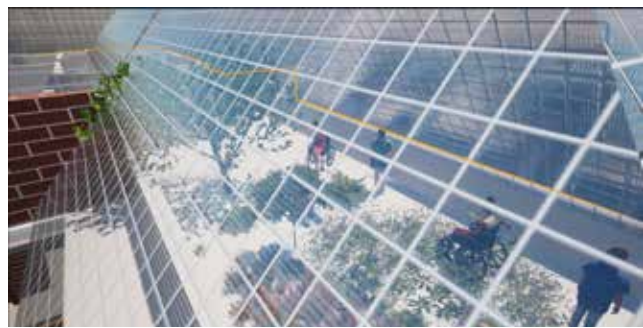
PERSPECTIVE OF GENERAL ACTIVITY SPACE

- | |
|-----------------------------|
| 1. Patient ward |
| 2. Counswling Department |
| 3. Registered Doctor room |
| 4. Meeting room |
| 5. Linen store |
| 6. Nurses' room |
| 7. Staff resting room |
| 8. Stroke Rehab unit |
| 9. Physio-Therapy section |
| 10. Combined Therapy room |
| 11. Group Therapy room |
| 12. Individual Therapy room |



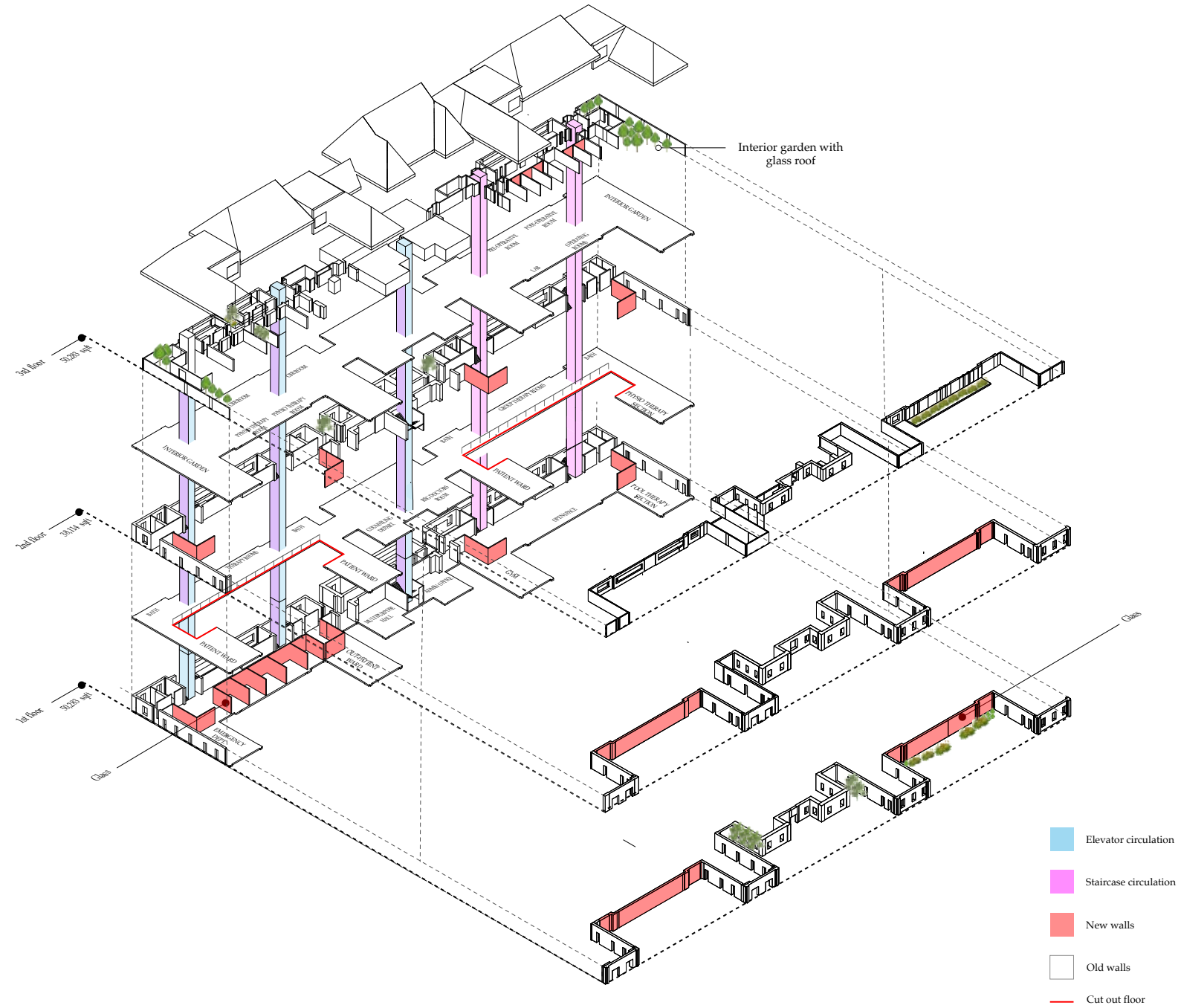
THIRD FLOOR PLAN

- 1. Interior Garden
- 2. Physio Therapy
- 3. Equipment store
- 4. CBR room
- 5. Intern room
- 6. Store
- 7. Break room
- 8. Medical storage
- 9. Store
- 10. Garden storage
- 11. Game room
- 12. Store
- 13. Nurse's station
- 14. Anesthesia room
- 15. Operating room
- 16. Sterilizing room 2
- 17. Sterilizing room 1
- 18. Pre Operative care
- 19. Post Operative care
- 20. Lab



SECTION VIEW Scale: 1/32

AXONOMETRIC DIAGRAM

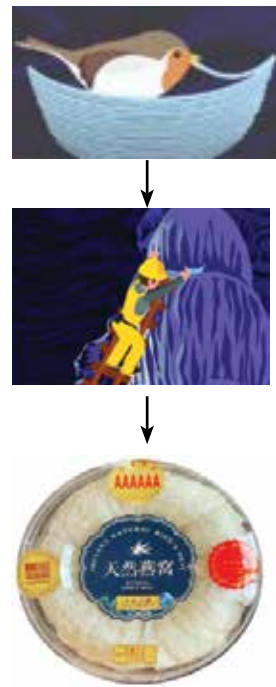


EXTERIOR PERSPECTIVE(Facade design and pattern)

02 THE SWIFTLET, ELIZABETH, NJ

Swiftlets are mammal that live in caves mostly found in Tropical and Subtropical region of Southern Asia, Northeastern Australia. In aspect of food production, they make their own nest with their spit that serve as a nest soup to humans. Through my research the focus was on their spatial conditions that serve a drive through my project. To design a space for other than human entity was to create a safe space with features of their habitat, and to accommodate human circulations around their space.

FOOD PRODUCTION: EDIBLE BIRD'S NEST



SPATIAL CONDITIONS(analysis)

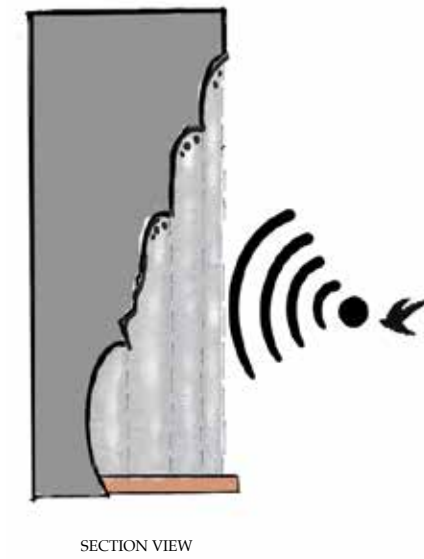
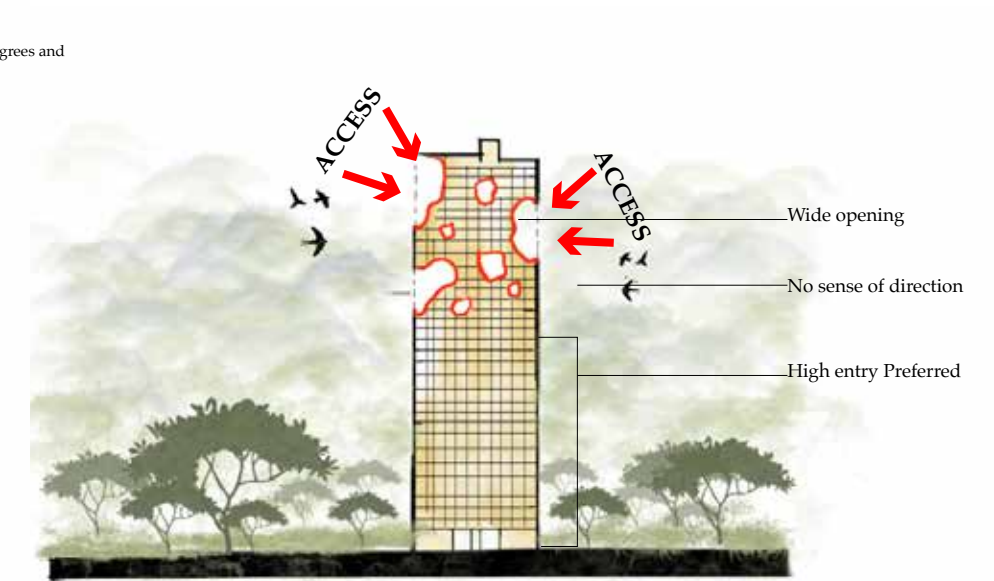
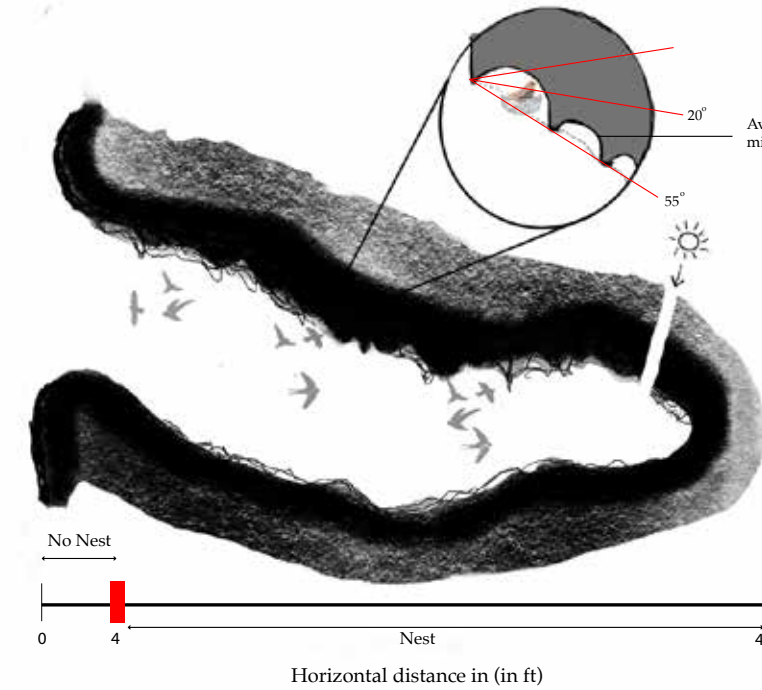
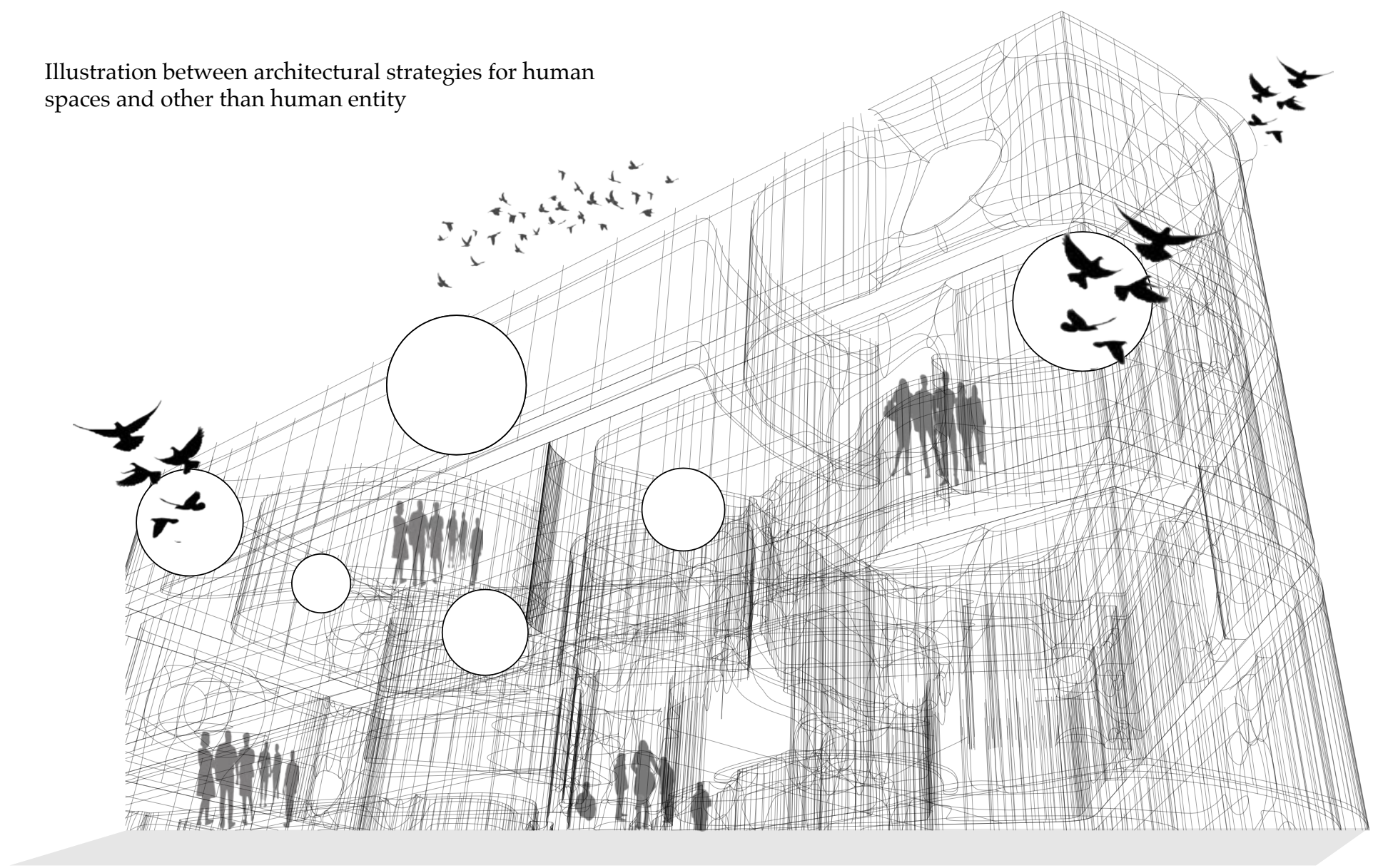
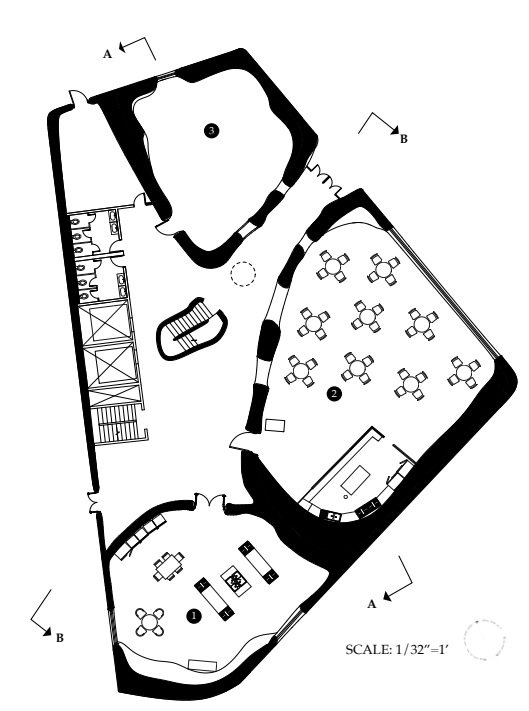


Illustration between architectural strategies for human spaces and other than human entity

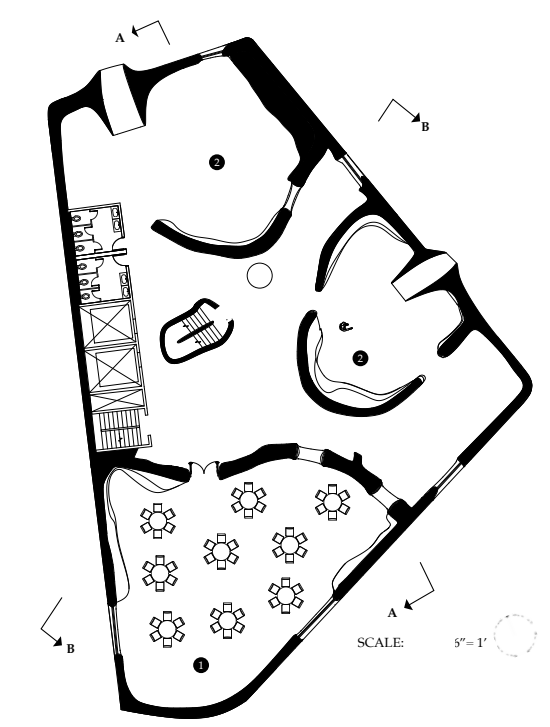


FLOOR PLANS



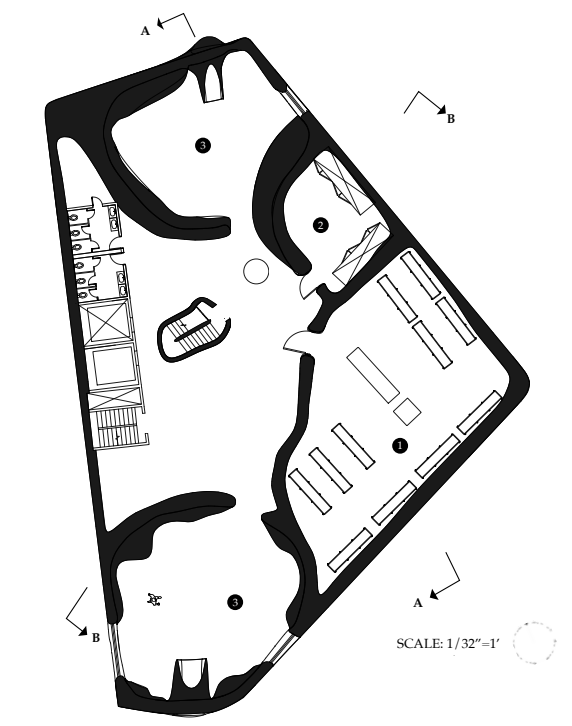
- 1 Community Kitchen 1500 sqft
- 2 Café Space 2000 sqft
- 3 Food pantry Space 1500 sqft

FIRST FLOOR PLAN



- 1 Community classroom 1000 sqft
- 2 Swiflet Nesting spaces 750 sqft

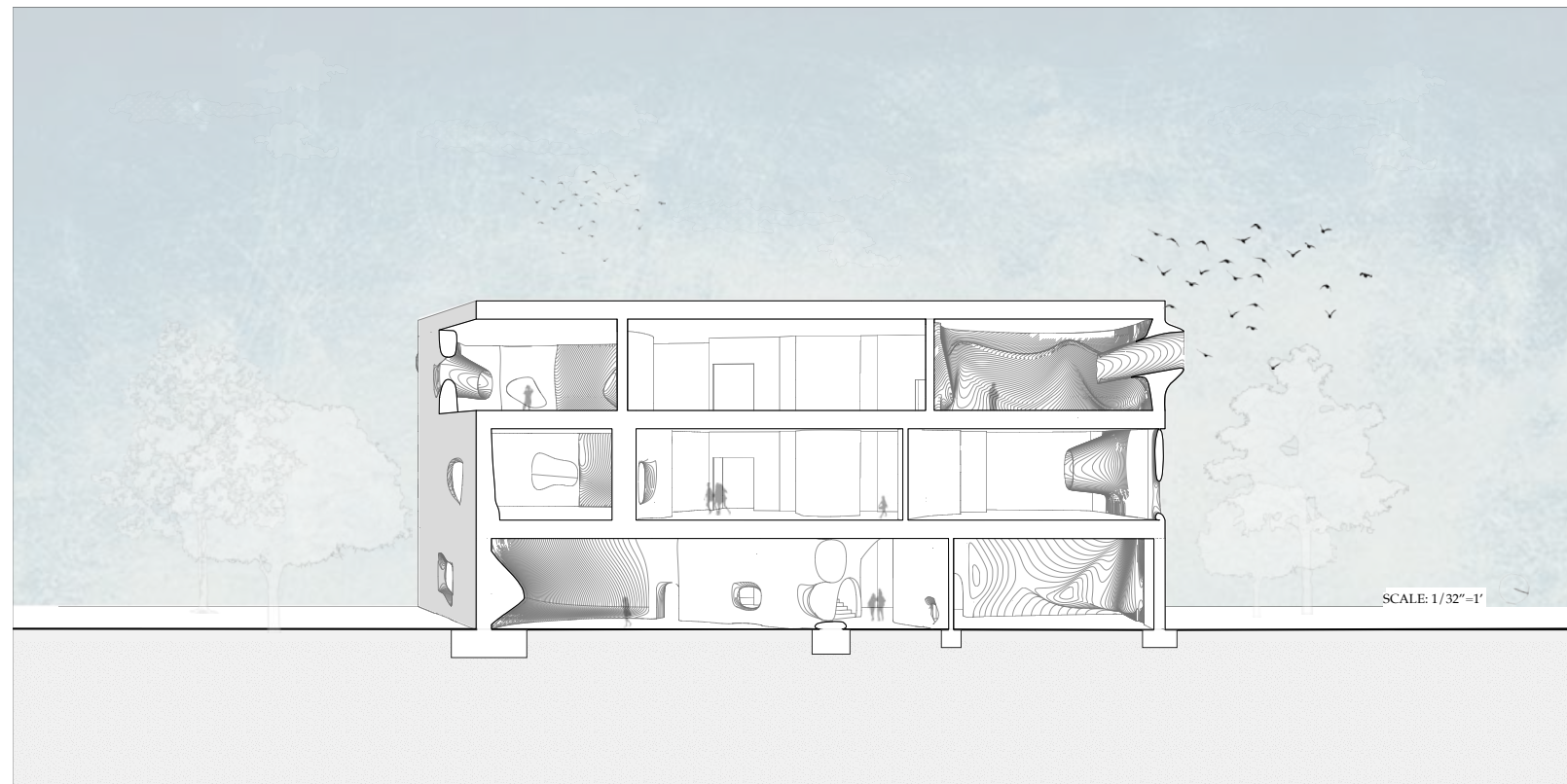
SECOND FLOOR PLAN



- 1 Storage space (for excess product) 2000sqft
- 2 Refrigeration space 500 sqft
- 3 Swiflet Nesting spaces 750 sqft

THIRD FLOOR PLAN

SECTIONS



SECTION VIEW A-A



Exterior perspective

SECTIONS



SECTION VIEW B-B

Exterior perspective



INTERIOR PERSPECTIVES



Café Space



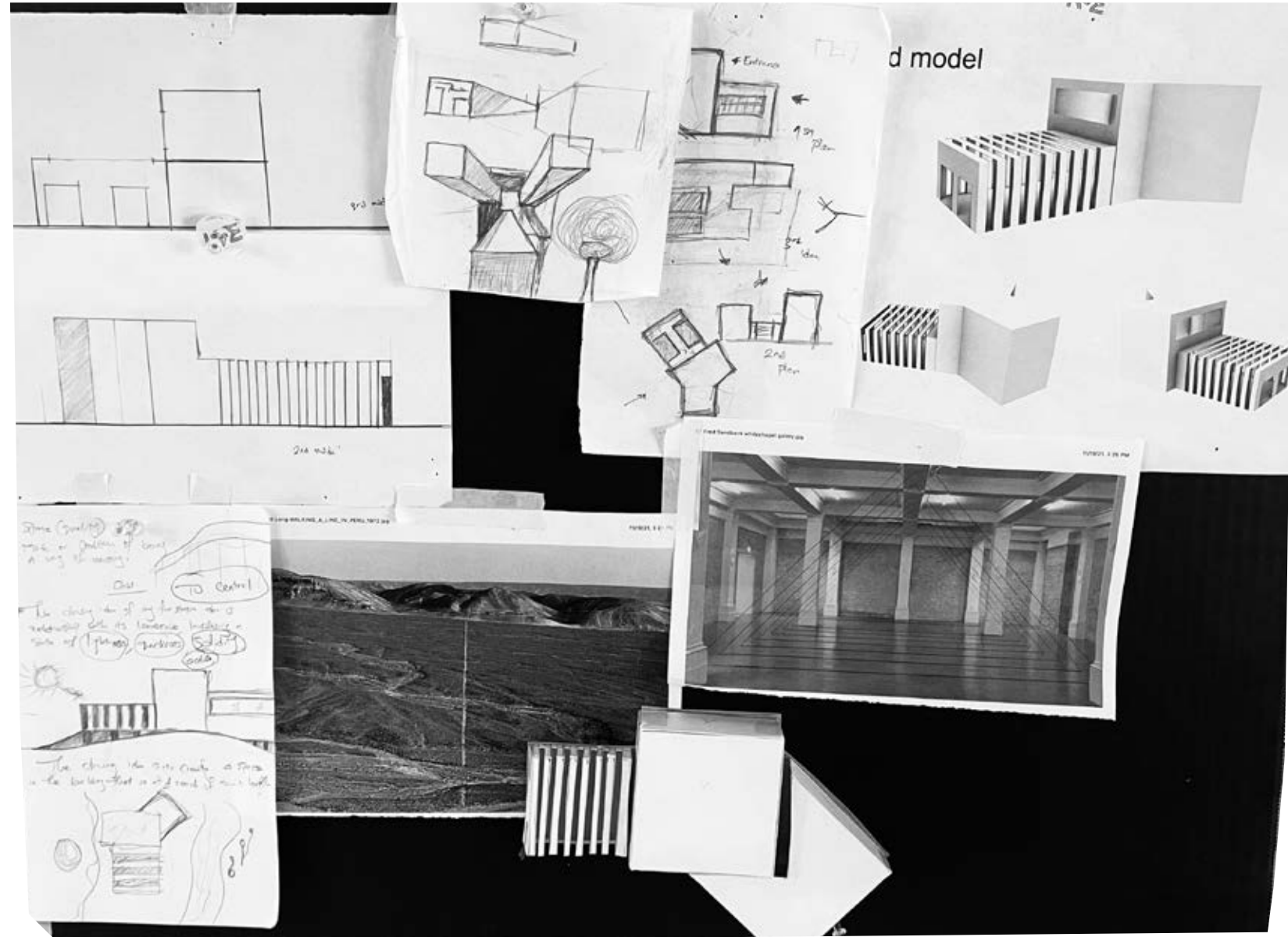
Swiftlets Space

03 FIRE STATION, MILL CREEK, NJ

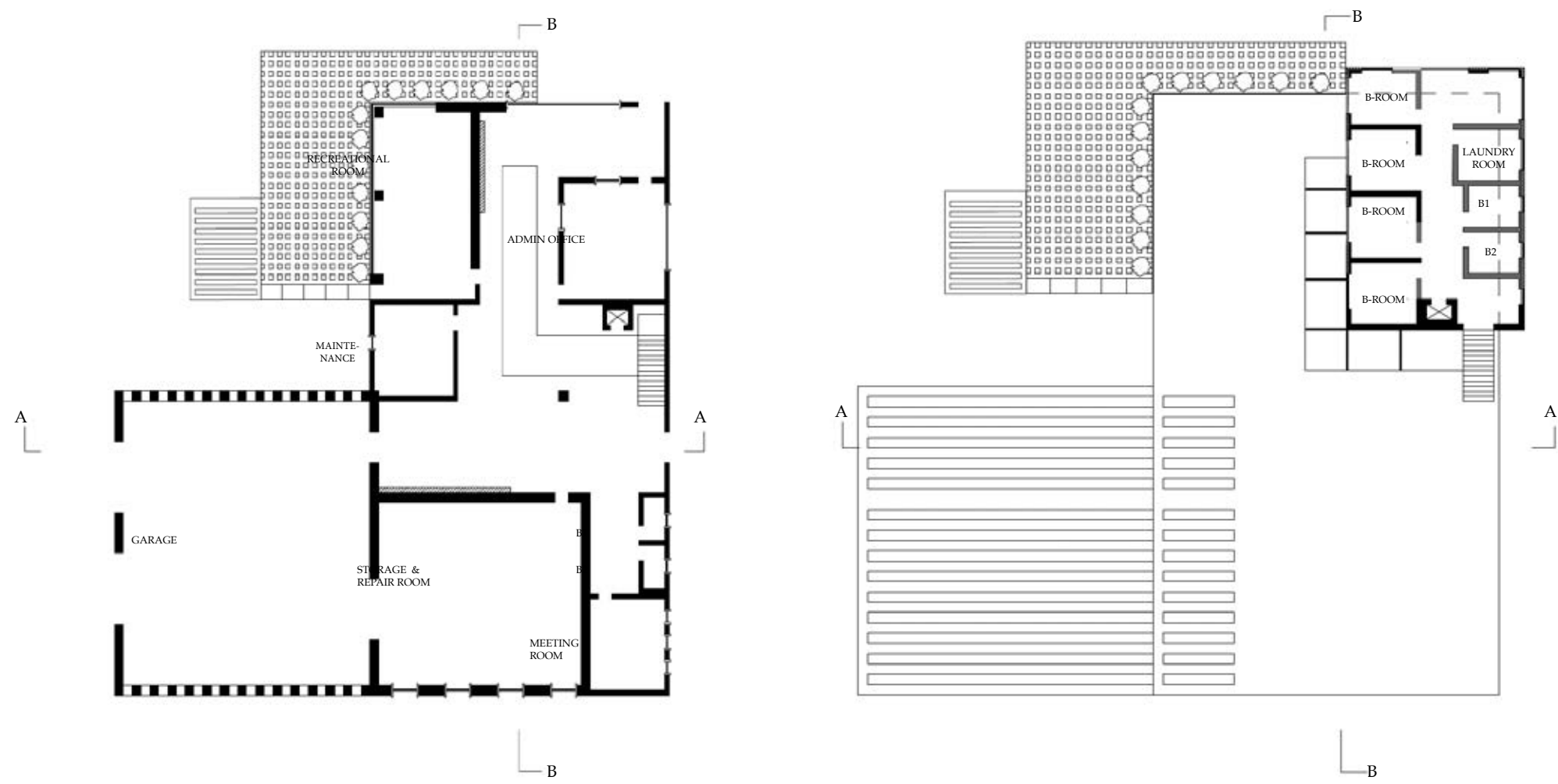
The whole concept of my design was to create a space that supports the state of quickness, activity, and solidity within its interior. The way the building is angled on the site makes the building serve as a watch guard to the environment, which one can see how the “L” form of the building shields the pond towards the road. There are three concepts used in building. The pathway concept by Richard Long which can be seen in the boat access path to the river, the lines of allusion concept by Fred Sandback which can be seen on the body of apparatus space, and the idea of supporting green life by Sevrre Fehn, which can be seen mainly outside of the recreational space and around the whole building.



PROCESS SKETCHES



FLOOR PLANS

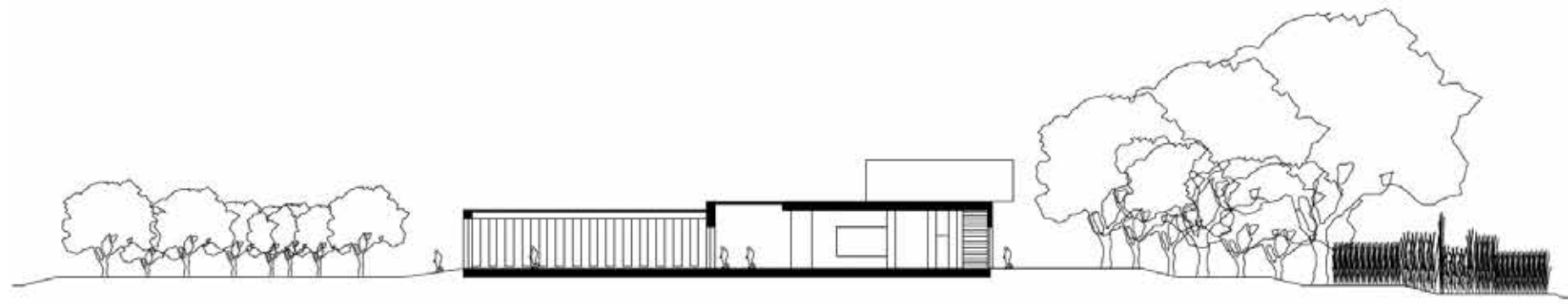


First Floor Plan

Second Floor Plan

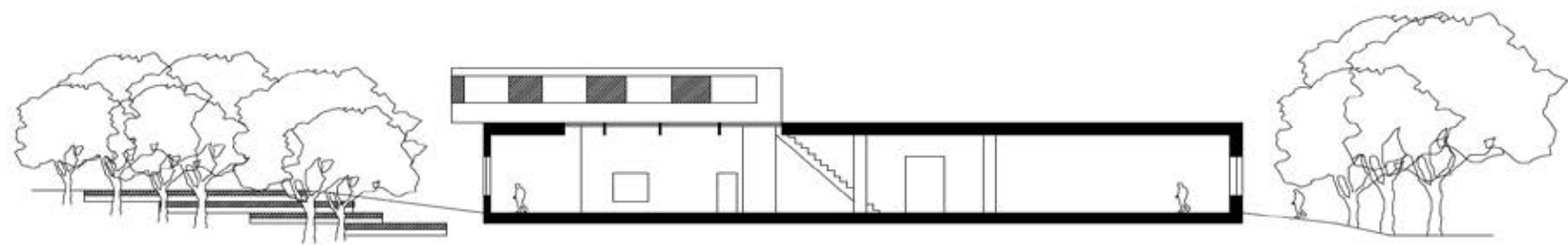
SCALE: 1/16" = 1'

SECTIONS



SECTION CUT A-A

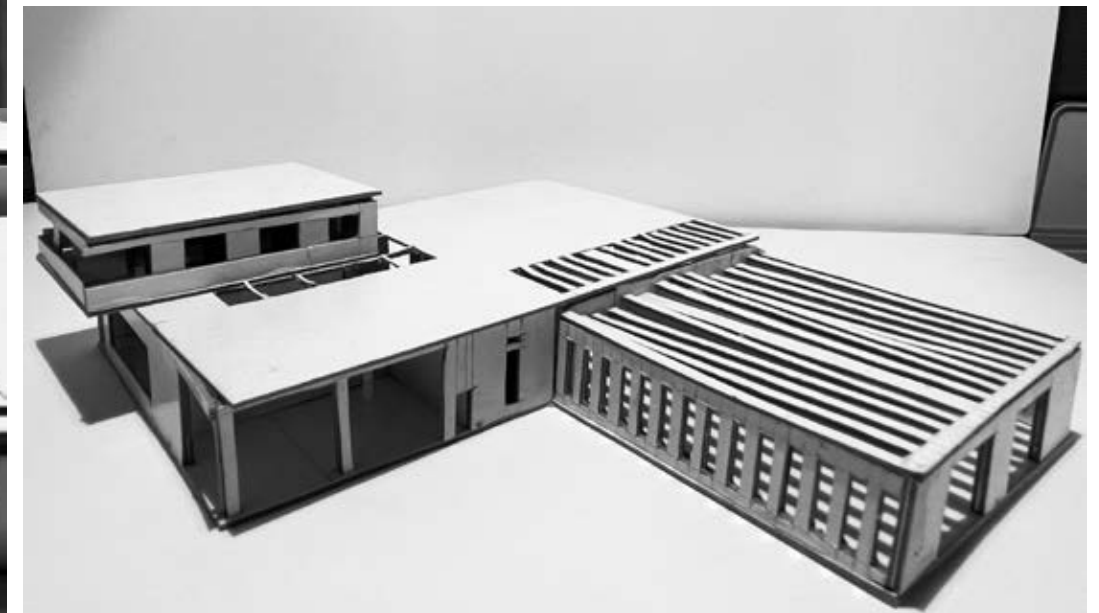
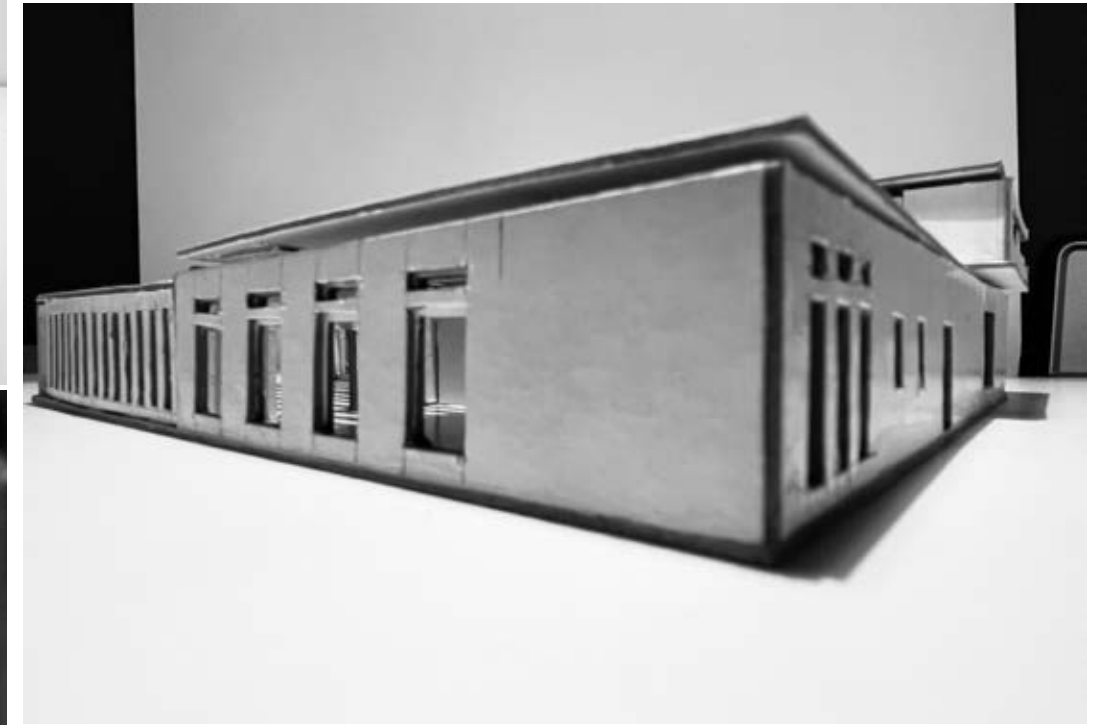
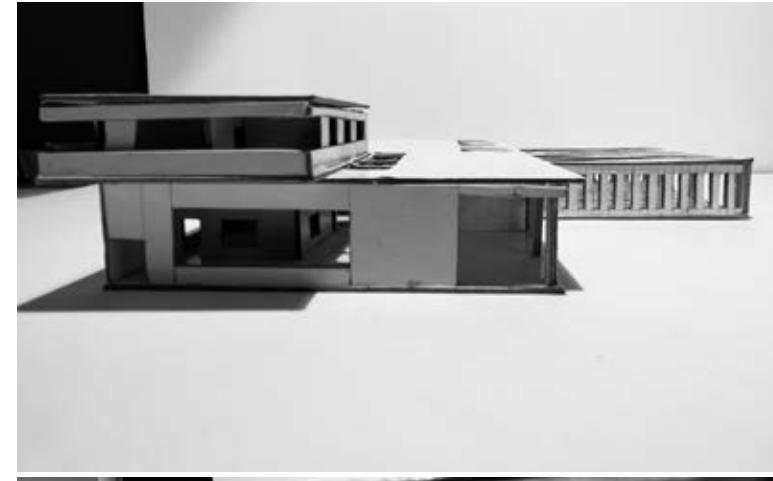
SCALE: 1/16" = 1'



SECTION CUT B-B

SCALE: 1/16" = 1'

BUILDING PERSPECTIVES



04 COMMUNITY PROJECT, IRVINGTON, NJ

This project was focused on interior renovation at a community Church in Irvington, NJ, Christ Apostolic Church for the Youth in the community. The focus of this project was to create a vibrant and youthful space. To achieve this, I came up with renderings that showcase a new elevated altar with the concept of colored interior light with aim of uplifting any youth that comes into this space.

RENDERINGS

BEFORE RENOVATION



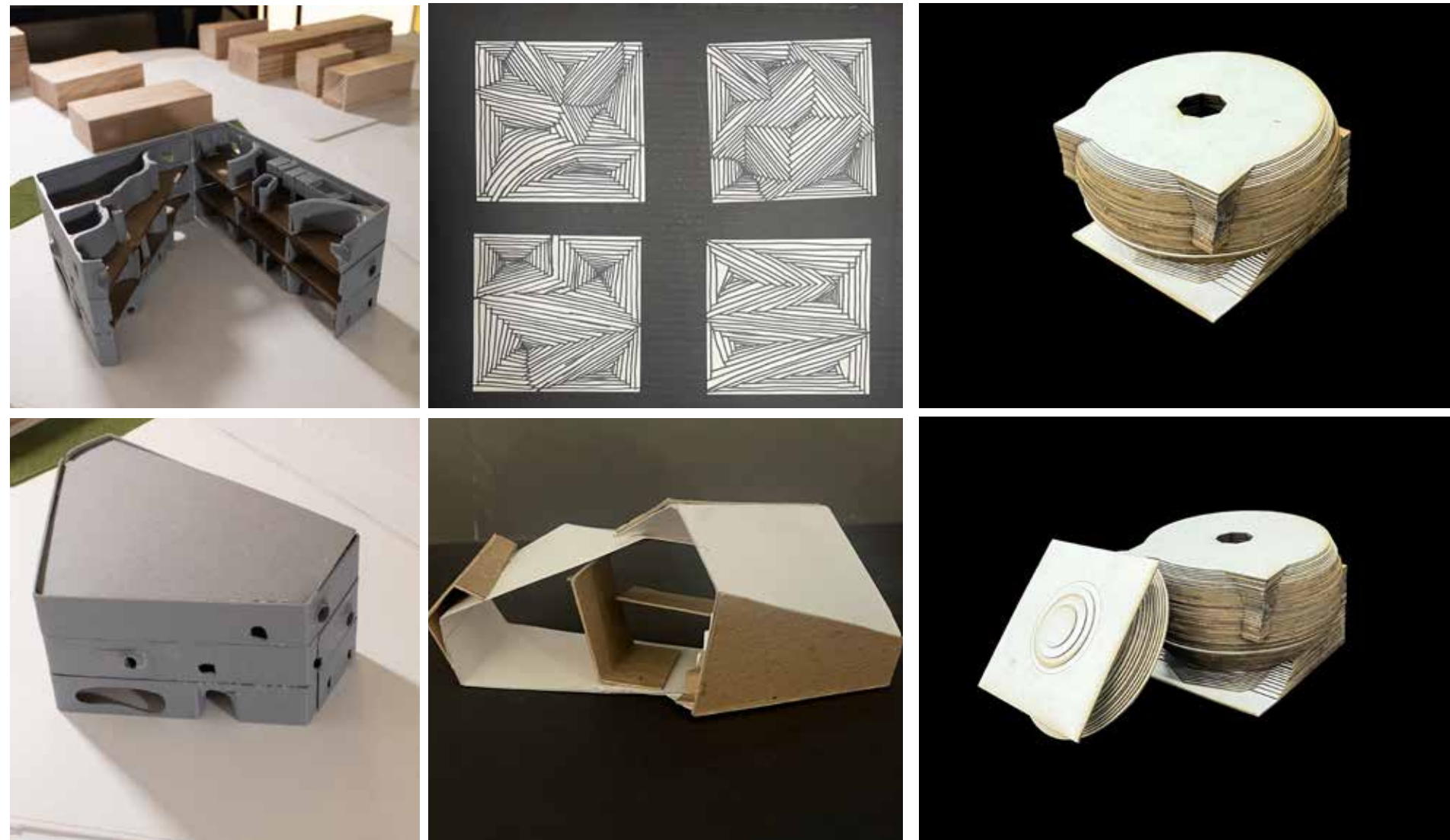
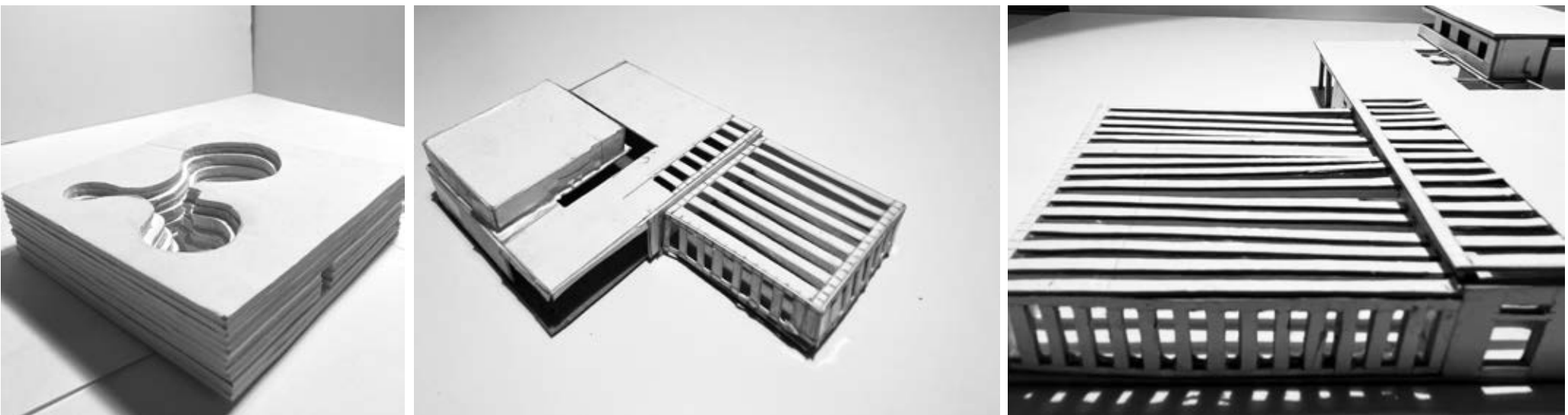
PROCESS



AFTER RENOVATION



05 MODEL CRAFTS AND ARTS



MATERIALS: Chip board, plastic filament, wood, foam board

TECHNIQUES: Hand built, laser machine, 3d printer