



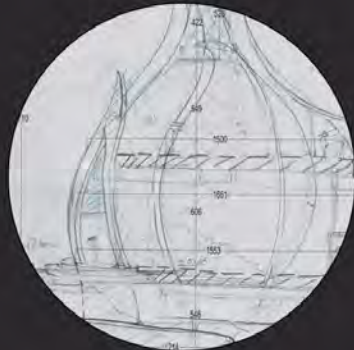
**Glendale**  
Community College  
Architecture Portfolio  
**Evelyn Hariono**



# Contents

The Villa

04



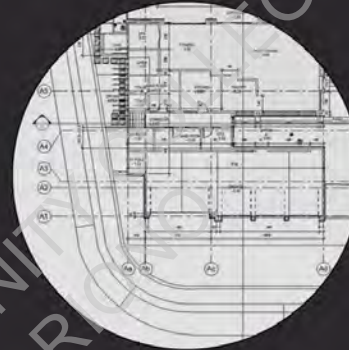
Pomodoro

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Mix Use



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Rhino

# Skills

Hand Sketch



AutoCad



Revit



Rhino 3D



Laser Cut



Model



Photoshop



InDesign

## Experiences:

Stairs Demolition Project (2018)

Heru & Associates Internship (2017)

Violetta Interior Internship (2016)

GCC Sociology Club President (2016-2017)

Investors Club Treasurer (2017)

National Honor Society (2015-2016)



# The Villa

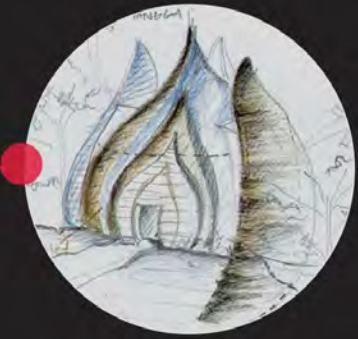
Indonesia, Borneo

Set in Borneo, Indonesia, this planned villa was based on a popular terraced landscape that is common in plantation and beachside areas. Inspired by the Birdnest's organic shape, it aims to satisfy the high demand for villas of middle and high class families that are looking for natural retreats and getaways. The design focused on encapturing the surroundings of Borneo, which is known for its forest view, nature and wildlife.

Type: Personal Project  
Completed: June 2017

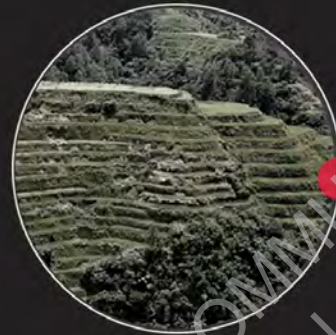
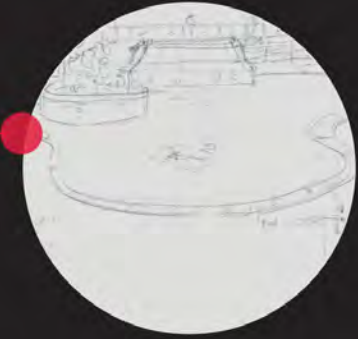


Combination of glass and wood gives a natural look to the facade and brings an atmosphere of warmth. The combination is designed to expose certain spaces and hide others.



The glass and wood facade.

Infinity pool located at the back of the house. Behind the elevated waterfall is the pool service area.



Terraced land beside the beach, also commonly used in agriculture. Effective in reducing water runoffs and works as natural walking paths.

A small canopy building for gatherings outside the villa, close to the beach side.



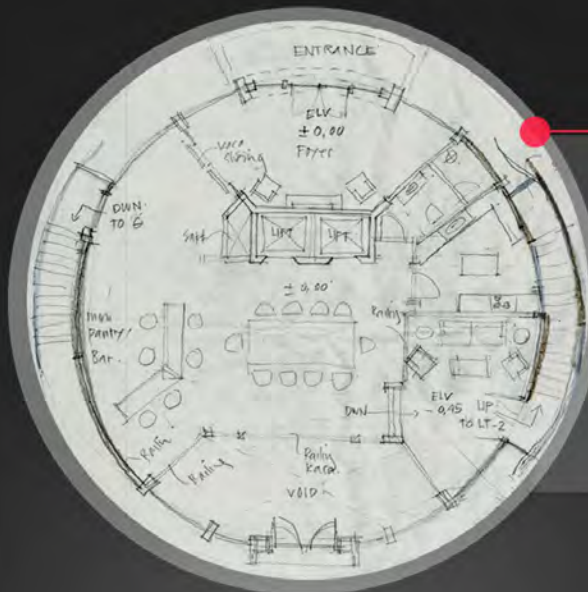


# The Villa

Indonesia, Borneo



Stairs on the sides become an architectural element in the house, visible from the outside.



Lifts for transport and shafts for laundry serves also as a structural element.

Roof opening strips have pipes that will receive rainwater to be recycled

2nd Floor:  
Master bedrooms

1st Floor:  
Street entrance located in the 1st level instead of the ground level to allow for easier access to the public area and bedrooms.

Ground Floor:  
Back rooms overlooking pool with side windows for lighting.

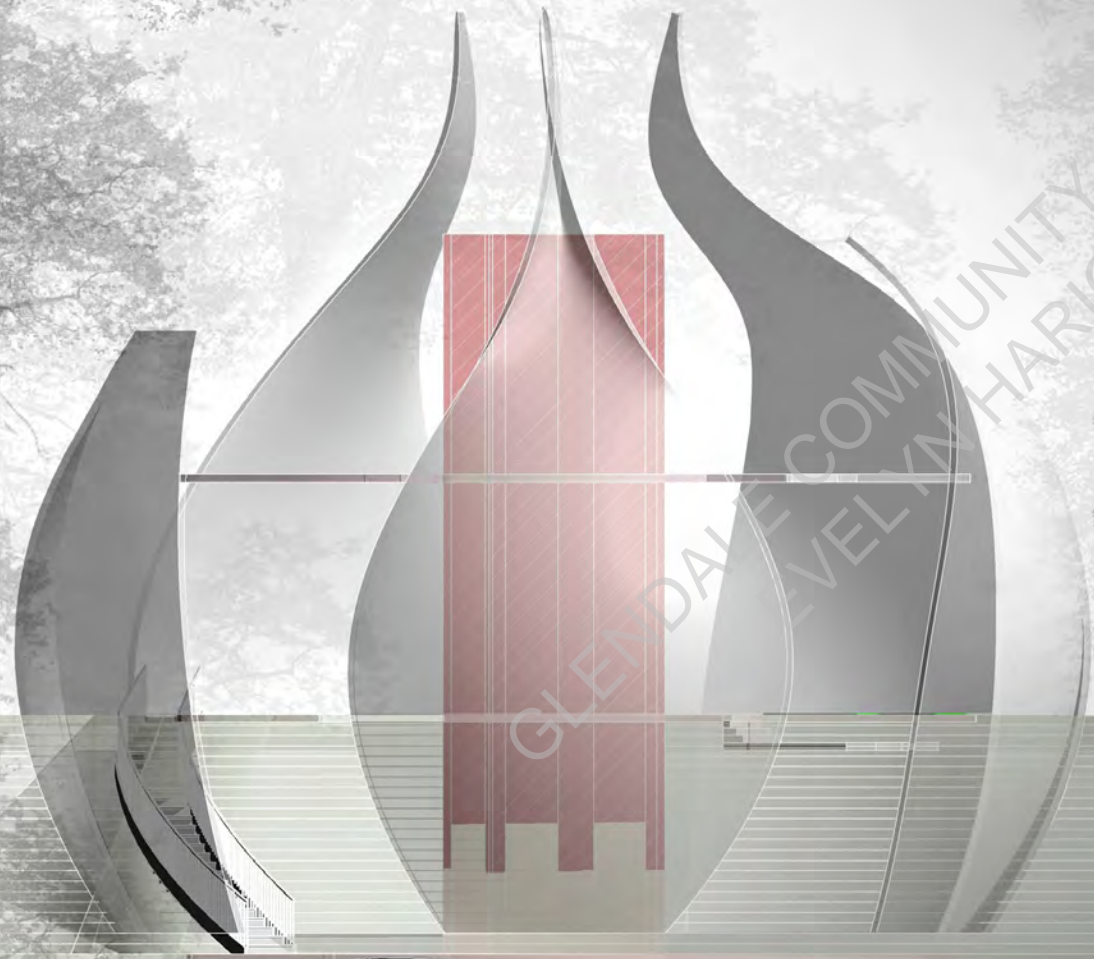
Underground:  
Service area





# The Villa

## Diagrams

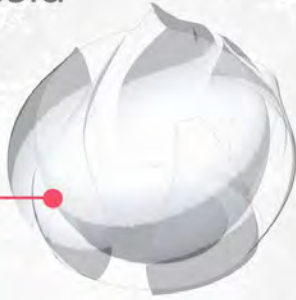




# The Villa

Borneo, Indonesia

**Shell**  
Villa Exterior



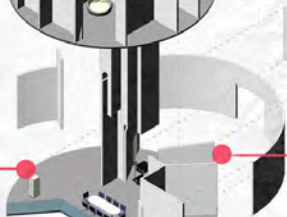
**2nd Floor:**  
Master Bedrooms



**2nd Floor:**  
Hobby Room



**1st Floor:**  
Dining & Kitchen



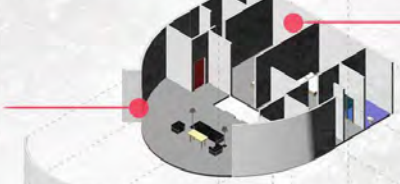
**1st Floor:**  
Entrance Foyer



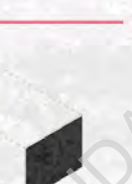
Void



**Ground:**  
Living Room



**Ground:**  
Guest Bedrooms



**Underground:**  
Laundry Area

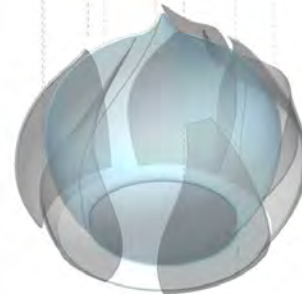


**Underground:**  
Staff Area

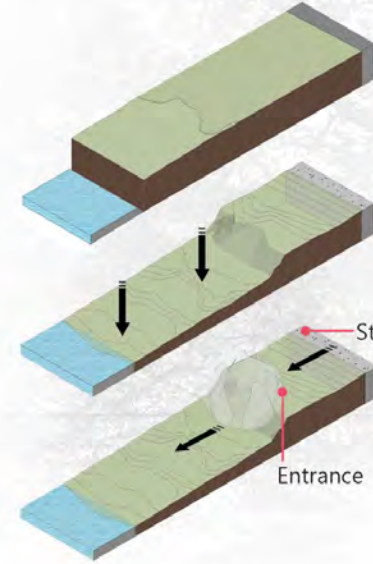


**EXPLODED DIAGRAM**

Public Area  
Private Area



**PROGRAM DIAGRAM**

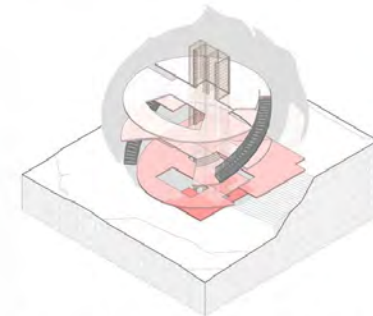


Landscaping  
Ocean

Street

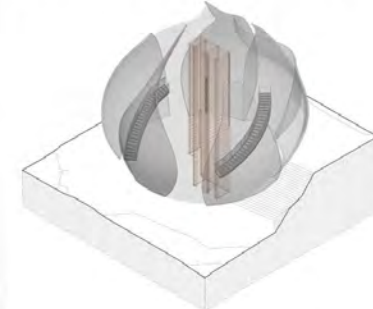
Entrance

**PARTI DIAGRAM**



2nd Floor  
1st Floor  
Ground  
Underground

**CIRCULATION DIAGRAM**



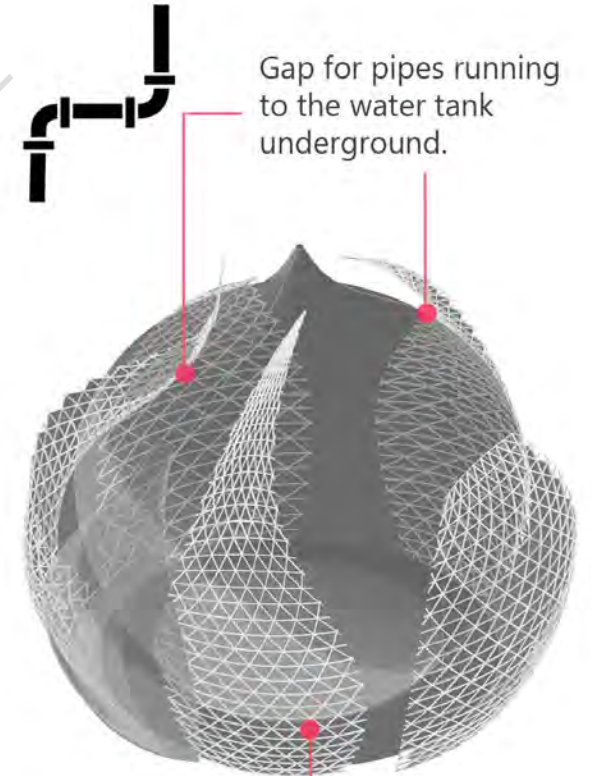
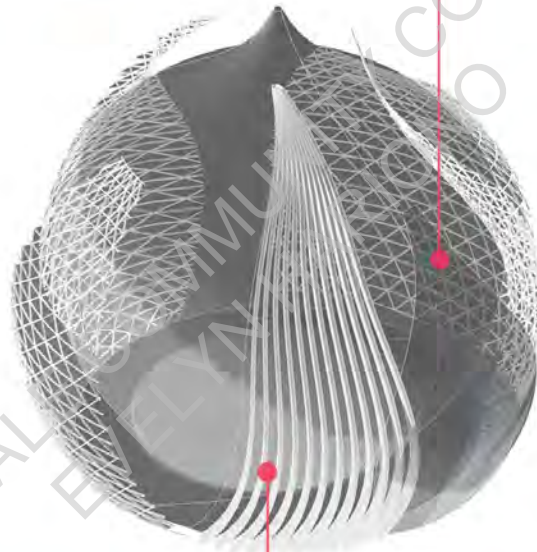
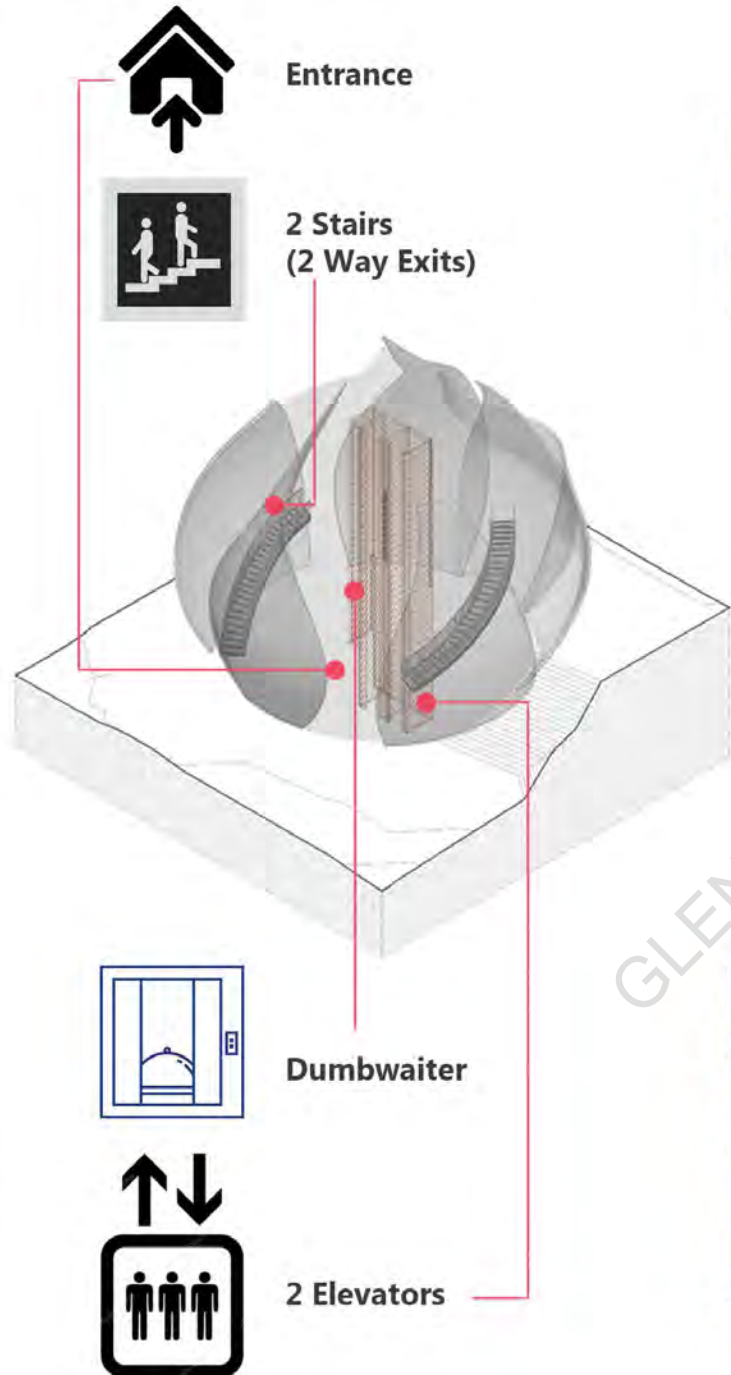
**STRUCTURAL DIAGRAM**



# The Villa

Borneo, Indonesia

## Structural System Studies





# Design Concept

Breaking apart perfect geometrical shapes with 3D cracks that create depth.

Asymmetrically balanced.

Adding and subtracting volumes from the ground.

# POMODORO

House for an Artist

A house made for Arnaldo Pomodoro, a well known Italian sculptor, using themes and motifs present in his works.

Type: Academic, ARCH 120  
School: Glendale Community College  
Instructor: Paul Chiu  
Completed: December 2017



Pomodoro often drew inspiration from nature.



From today's society.



From traditional geometrical shapes.

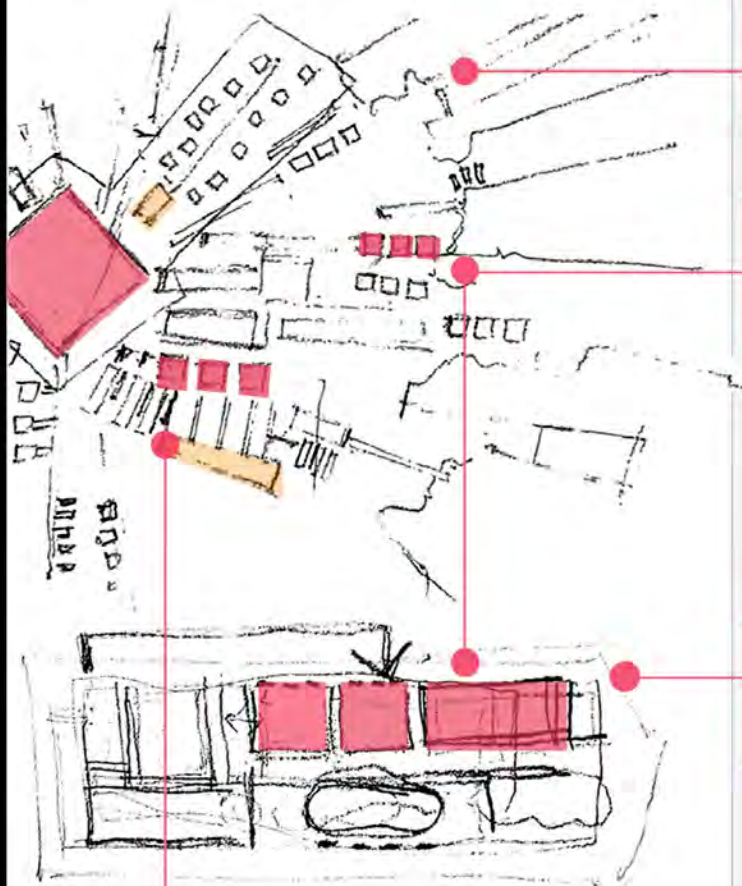


He also used cracks that have rhythms.





# Concept Continued



- Sketch of Pomodoro's sculpture.
- Creation of a plan inspired by Pomodoro's three cubes.
- Floor plan that adopts Pomodoro's iconic style.

Rectangular prisms translated to become a bridge.

1/8 model of the design.



# POMODORO House for an Artist

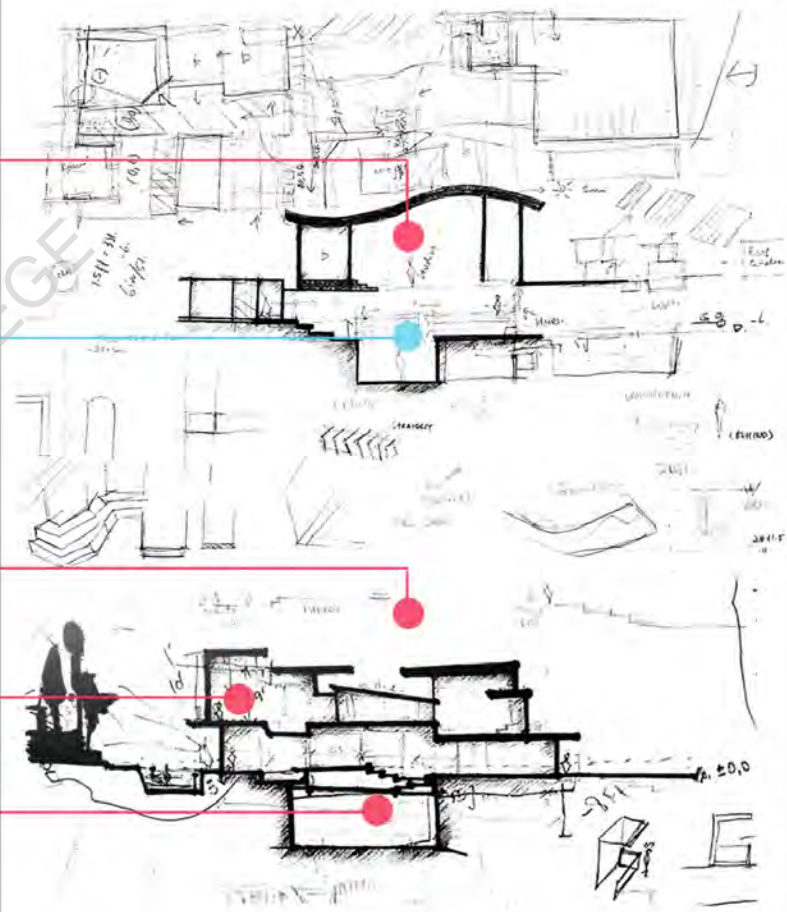
Initial draft of the open hallway that accesses the pool.

Sunken Pool.

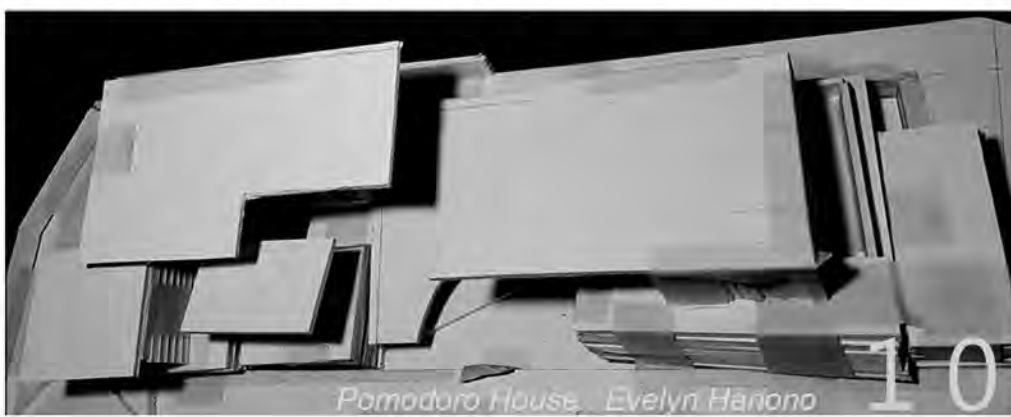
Section exploration of the spaces inside the house.

Adding volumes on top of ground.

Subtracting volumes from ground.



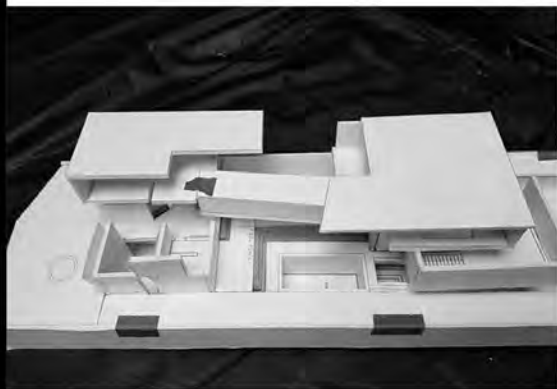
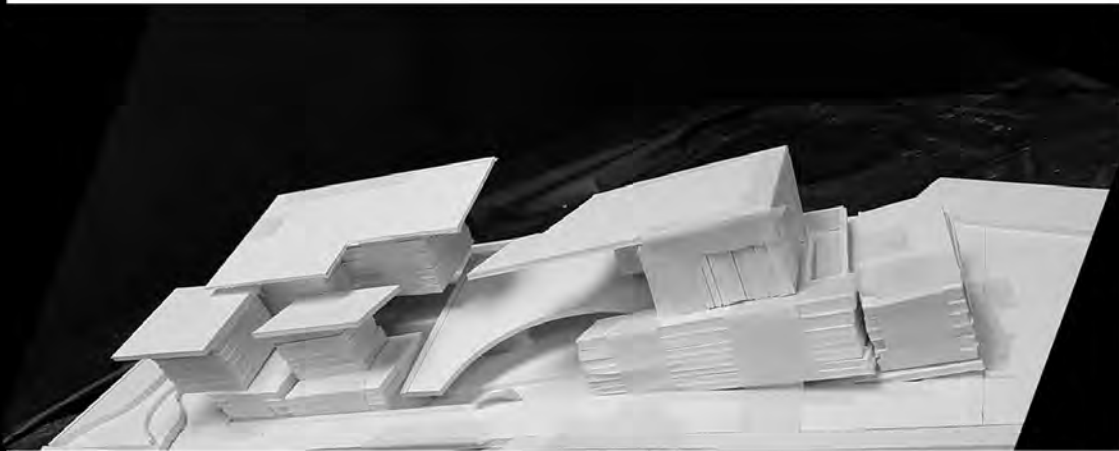
Massing model of the design to explore the shaping of space.





# POMODORO

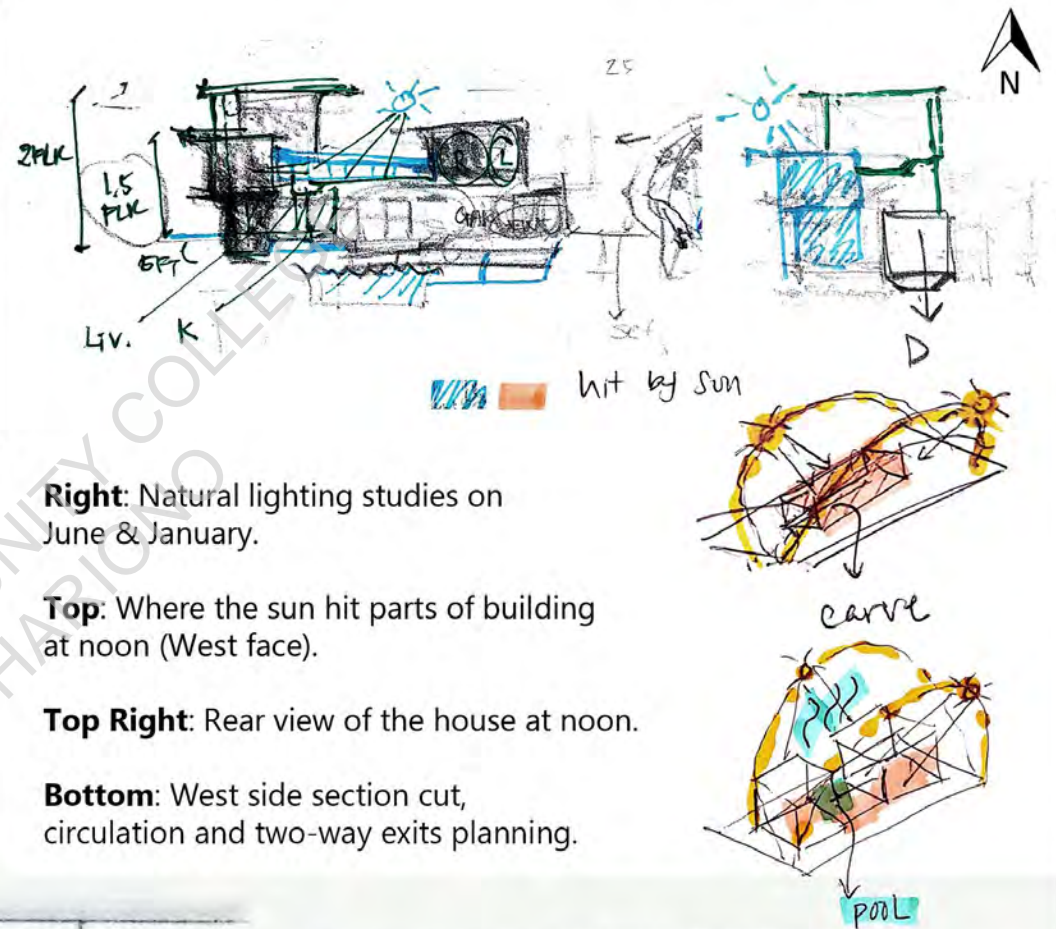
House for an Artist



**Top:** West face of the massing model.

**Left:** 1/8th scale model.

**Bottom Left:** The initially planned bedrooms as a vertical living.

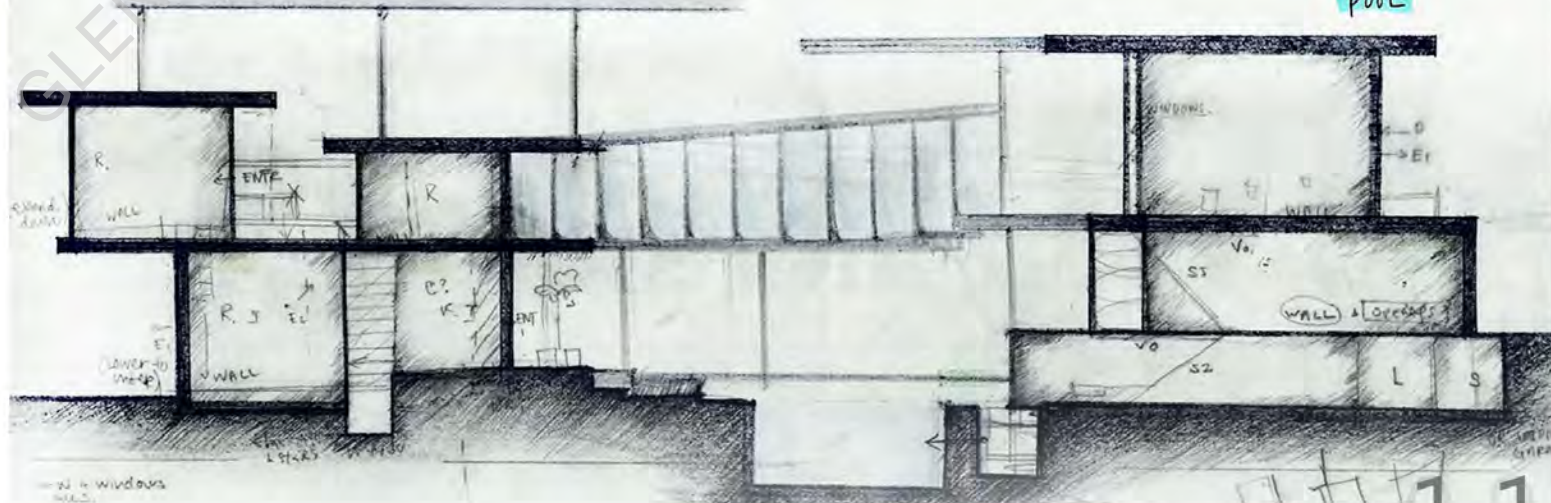


**Right:** Natural lighting studies on June & January.

**Top:** Where the sun hit parts of building at noon (West face).

**Top Right:** Rear view of the house at noon.

**Bottom:** West side section cut, circulation and two-way exits planning.





# POMODORO


House for an Artist



The site is located in 708 East Palmer Avenue, located near Downtown Glendale. North side is facing the road, the South side is facing the mountains.

Using the middle area of the house as a landscape to make the house feels less long.



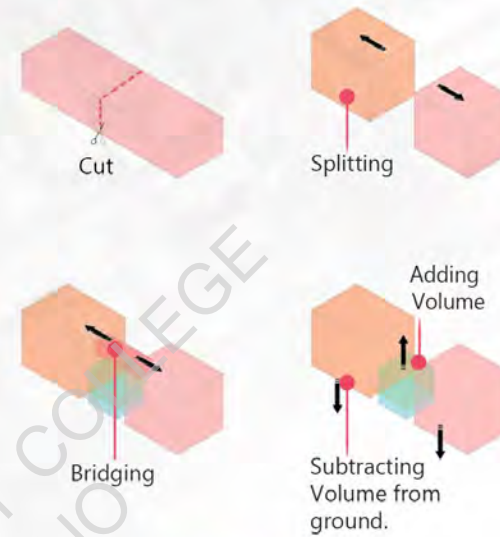
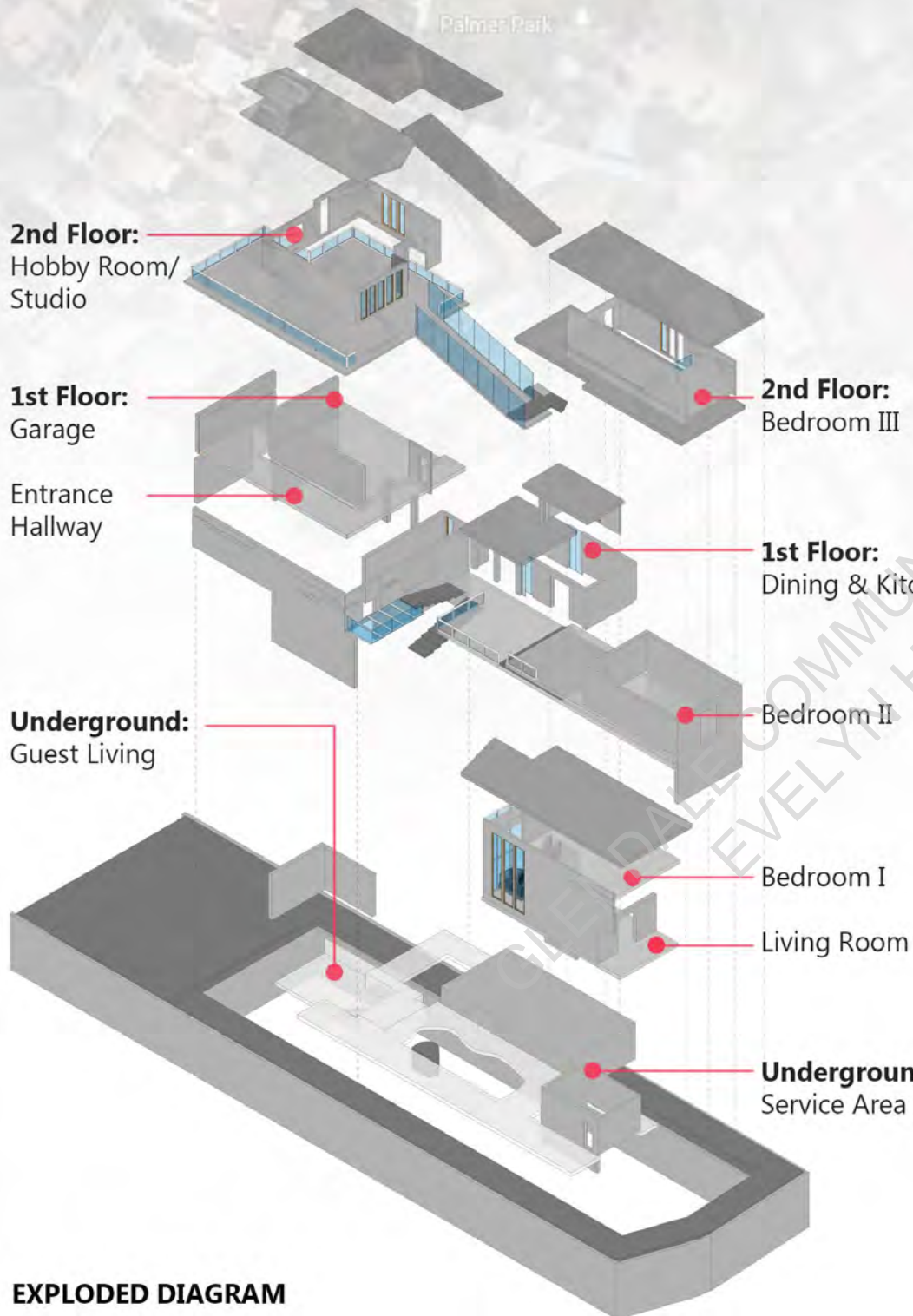
Pool facing the West side of the house to cool off house temperature during summer. 



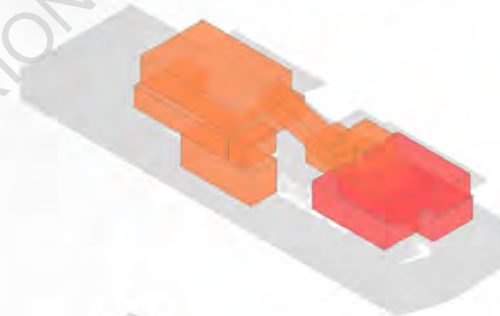


# POMODORO

House for an Artist



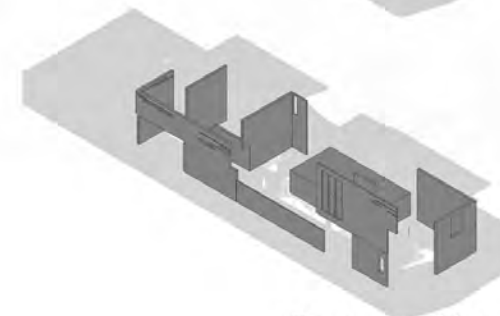
- Public Area
- Private Area
- Landscaping
- Pool Area



- Public Area
- Private Area



- Pool Landscaping
- First Floor
- Second Floor





# POMODORO

House for an Artist



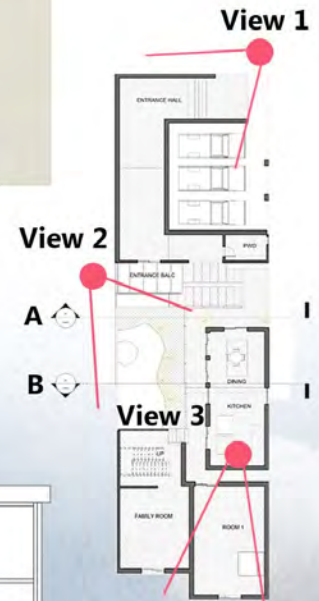
**View 1:**  
Frontal facade.



**View 2:**  
The middle of the house,  
overlooking the dining area.



**View 3:**  
View from besides the bridge, overlooking  
the outside and private living areas.



**View 2**

A

B

**View 3**

**BUILDING  
SECTION  
PLAN**



**SECTION A**



**SECTION B**



# POMODORO'S

## Model House



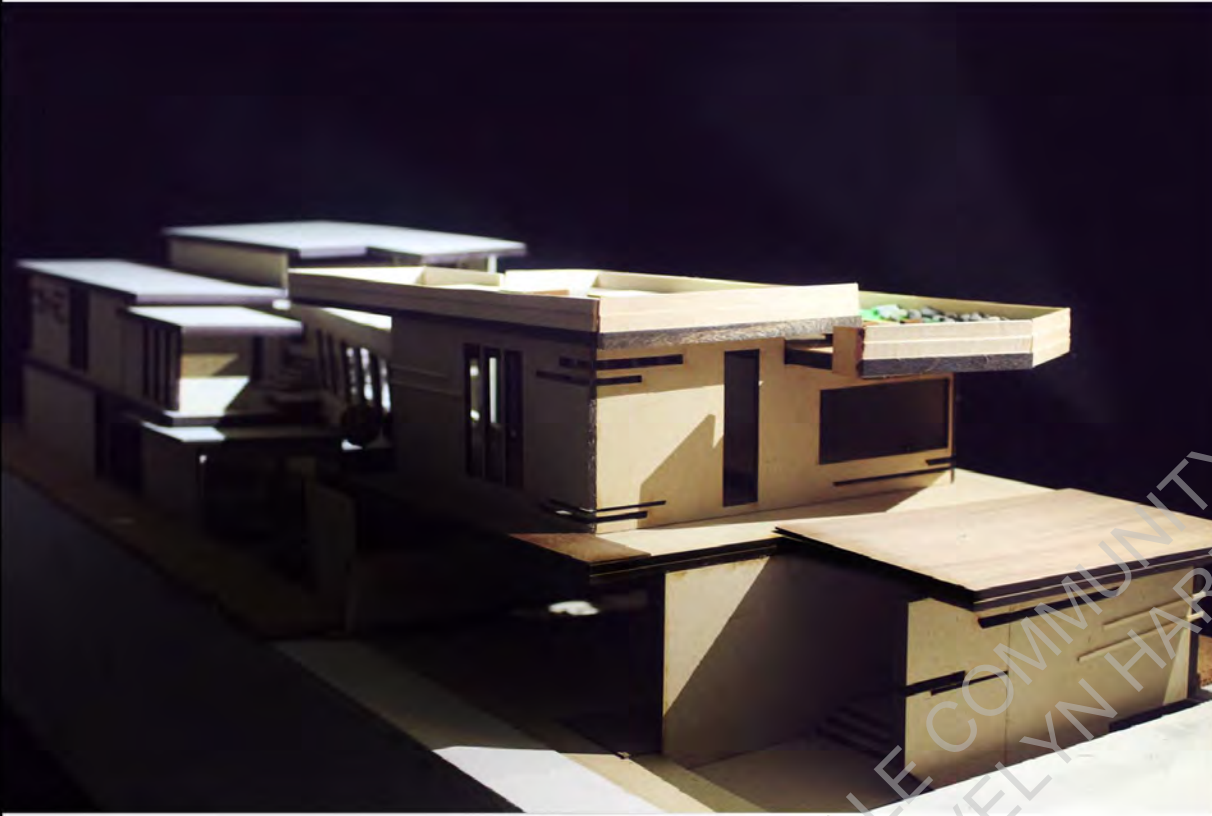
A ¼ inch scale model of the house. It aims to evoke a feeling of atmosphere in the spaces between the walls as well as display the view that one would experience in the different rooms.

**Side:** Bird's eye view of the first floor.

Medium: Laser cut, wood 48 in x 18 in  
Type: Academic  
Completed: December 2017



# POMODORO'S Model House



## **Facade:**

Cracks on the roofs of different levels to create a sense of depth.  
The hobby room's roof also acts as a garden for guests to stroll.

**Top:** Front view of the house.

**Left:** Bird's eye view of the house, including the roof garden.





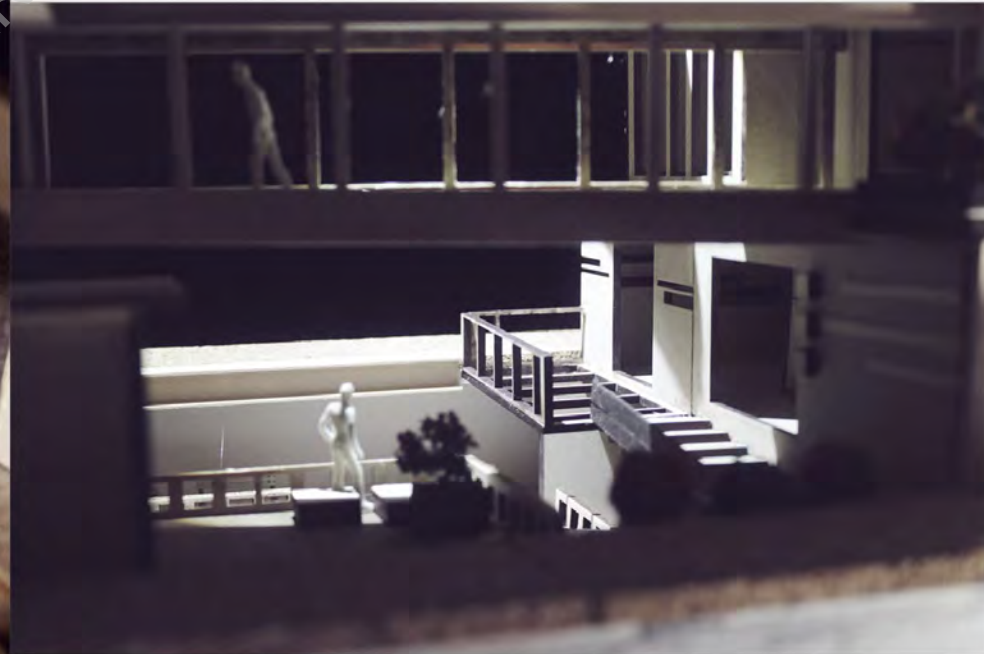
# POMODORO'S Model House

## **Inside:**

The open-aired middle area of the house serves as a transition from the public space to the private living spaces. This space also serves as a break to make the house feel less long.

**Bottom:** From the outward-facing view from dining patio.

**Left:** The view from bedroom patio, facing the entrance's balcony.





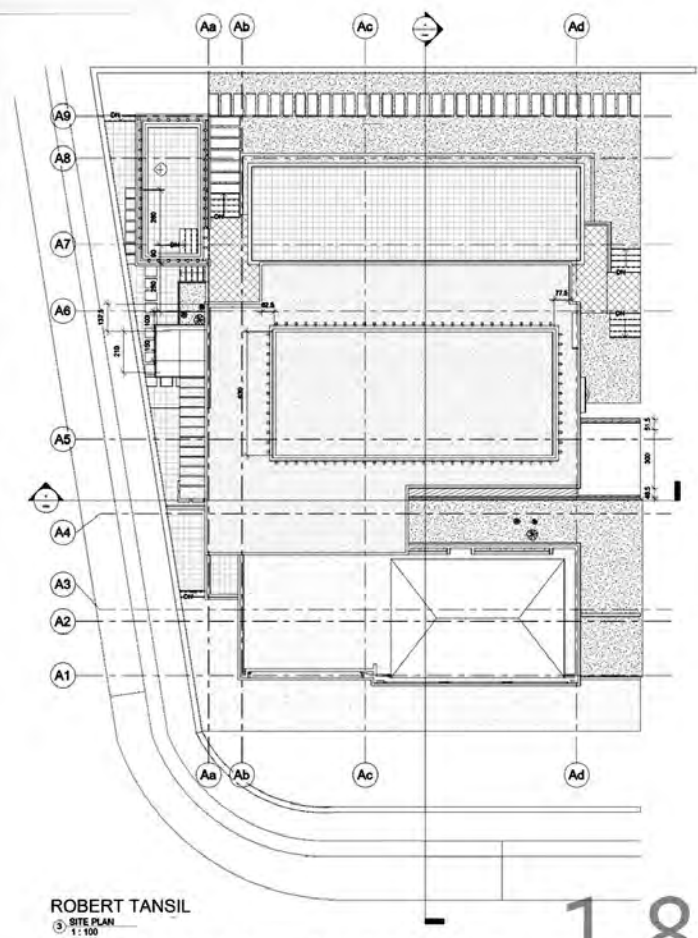
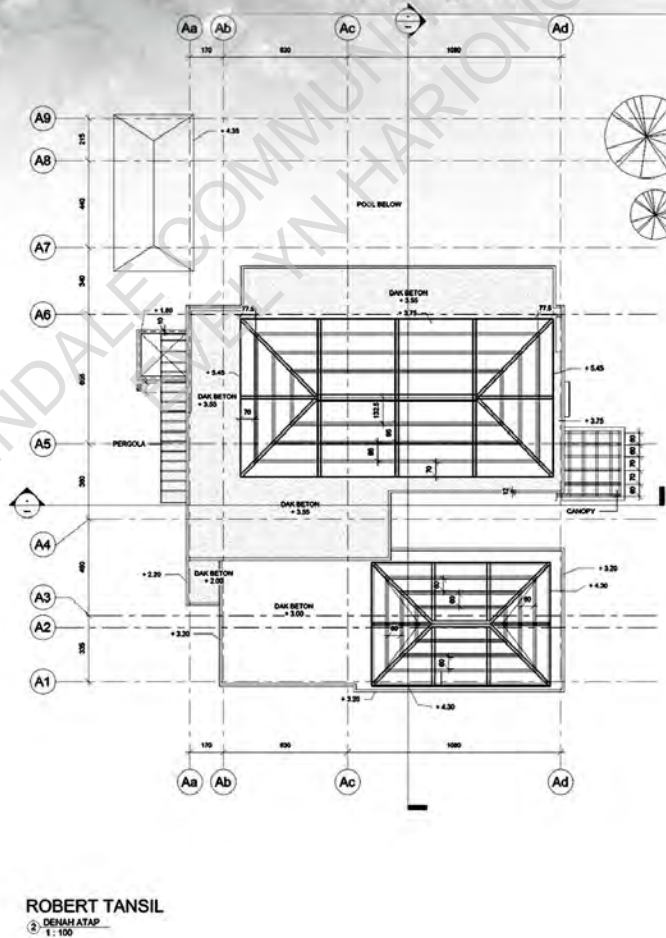
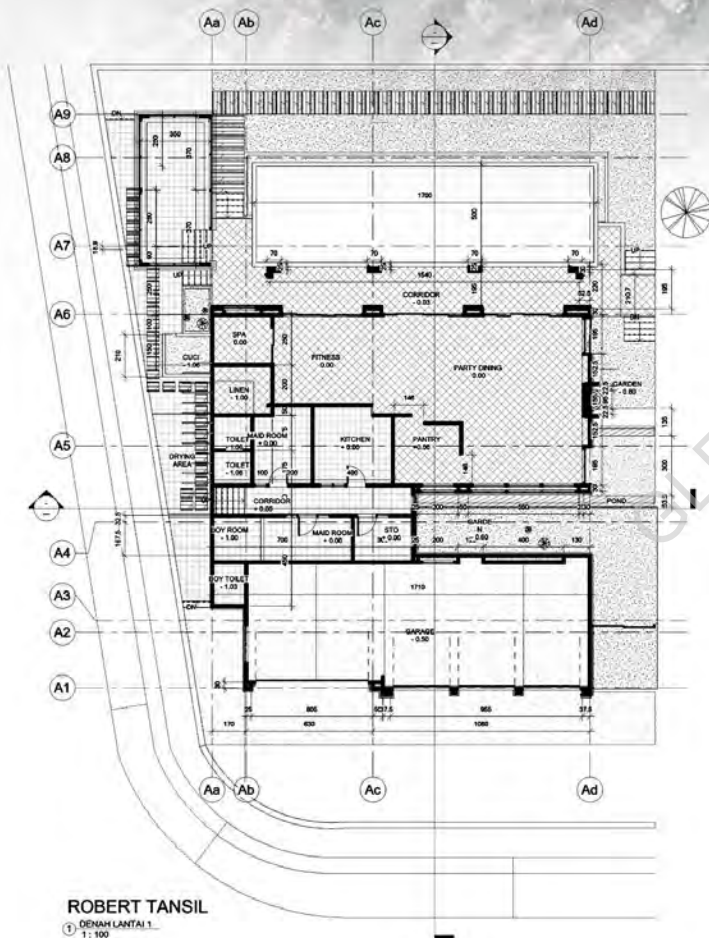


# Heru & Associates Summer Internship

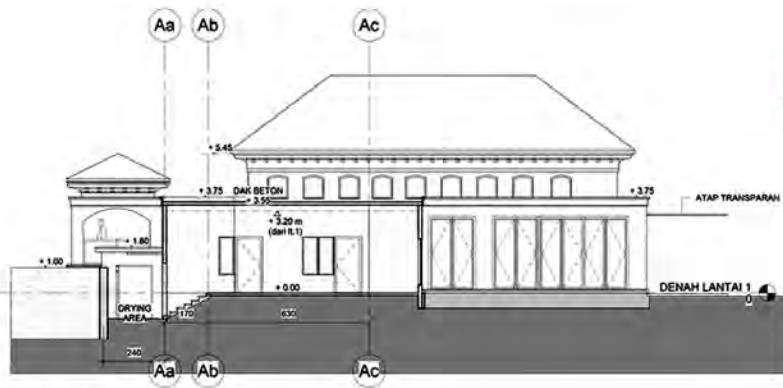
A residential project for upper class family, built in a housing area. This is an entertainment house, an additional, smaller house that is adjacent to the main house. It has various amenities and services areas including a garage, a swimming pool, and a dining. It will be connected with the main house via a bridge.

Type: Internship  
Completed: June 2017

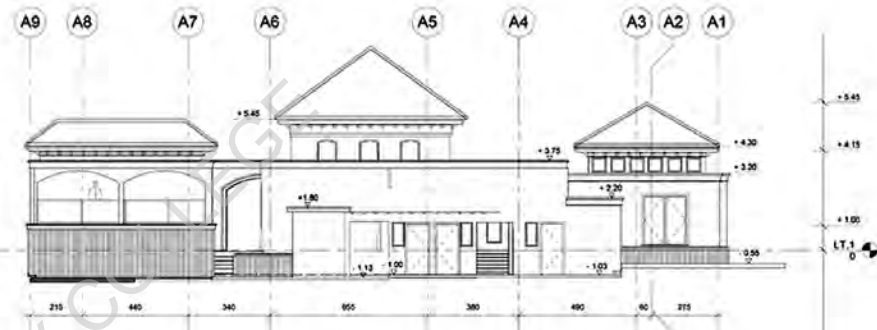
The house is located in a housing area that is situated close to the shopping center.



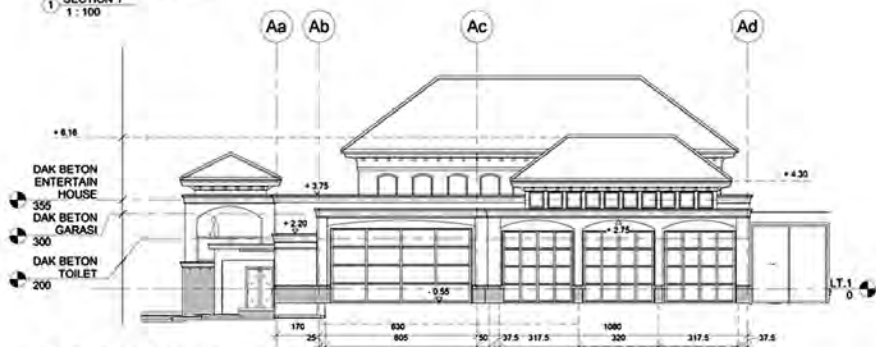




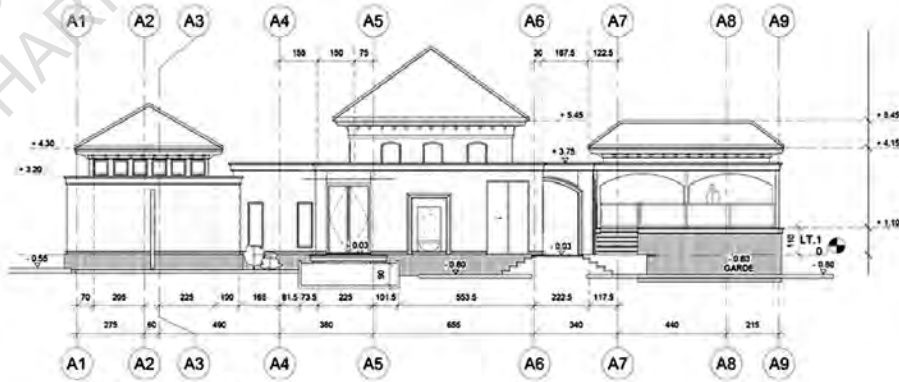
ROBERT TANSIL  
SECTION 1  
1:100



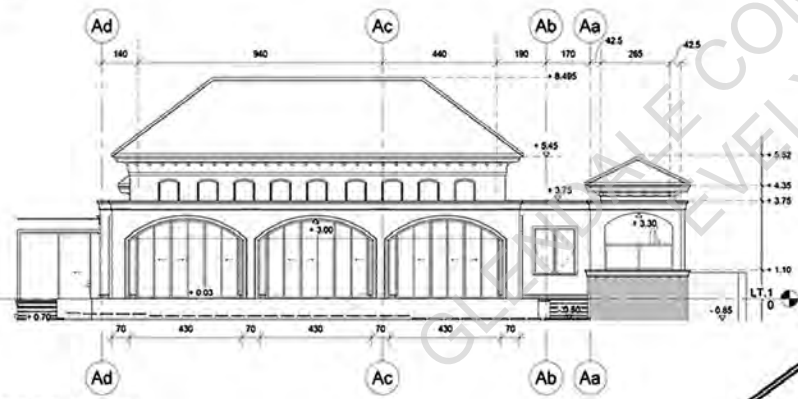
ROBERT TANSIL  
TAMPAK A8  
1:100



ROBERT TANSIL  
TAMPAK Aa  
1:100



ROBERT TANSIL  
TAMPAK A7  
1:100



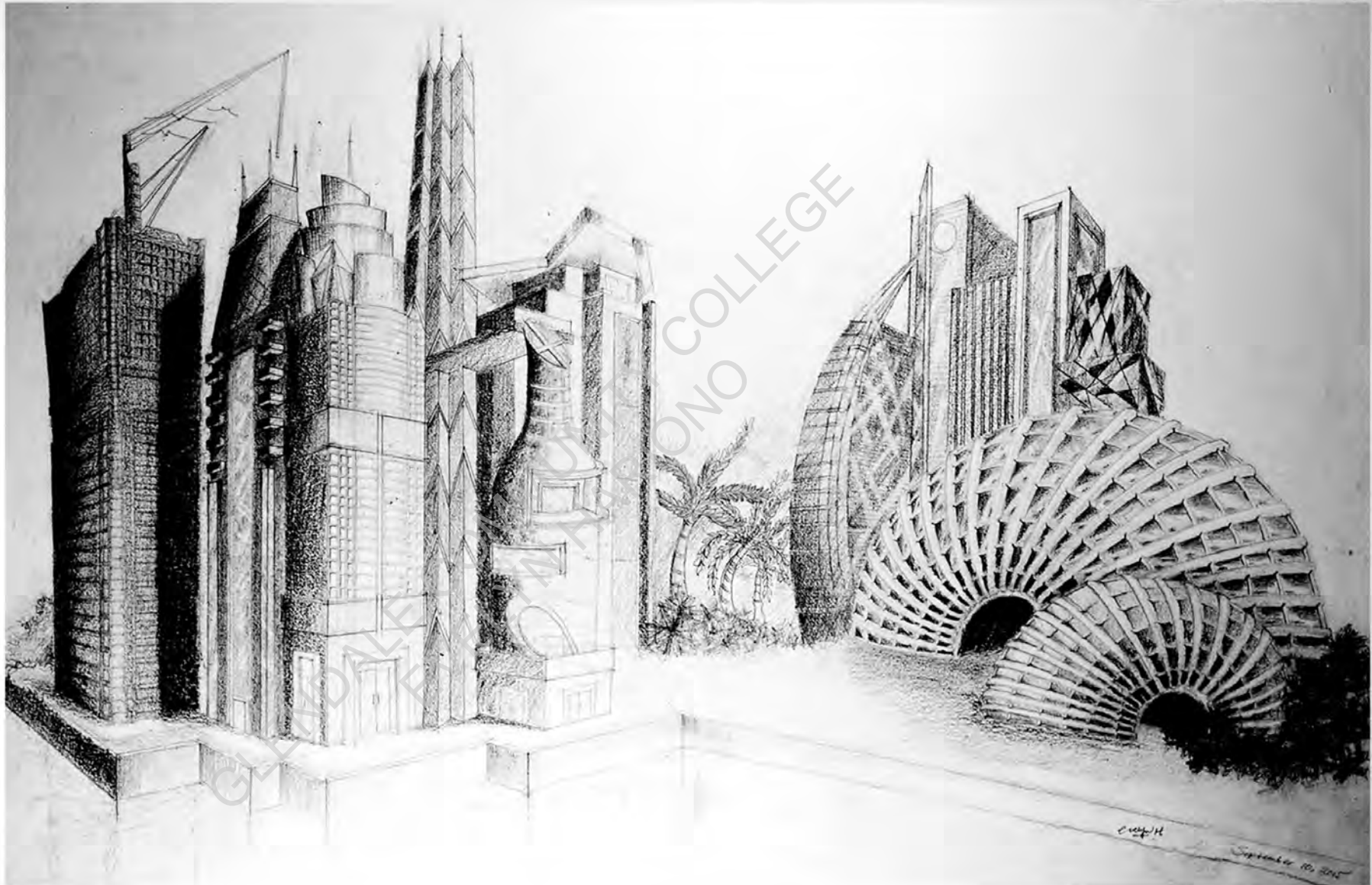
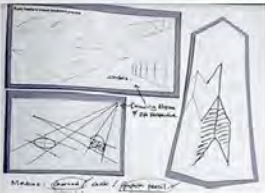
ROBERT TANSIL  
TAMPAK Ag (GOLF)  
1:100







Actual Picture  
2nd part  
D.C.  
Sep. 7, 15



## Transform:

Transforming still life objects into a city.

## Imaginary City:

Still life turned into a metropolitan city- a combination of known architectures around the world.

Type: Academic, AP 2D-Design, Surabaya Intercultural School

Instructor: James Abbot

Medium: Graphite & Charcoal on Watercolor Paper 34 in x 28 in

Completed: August 2015





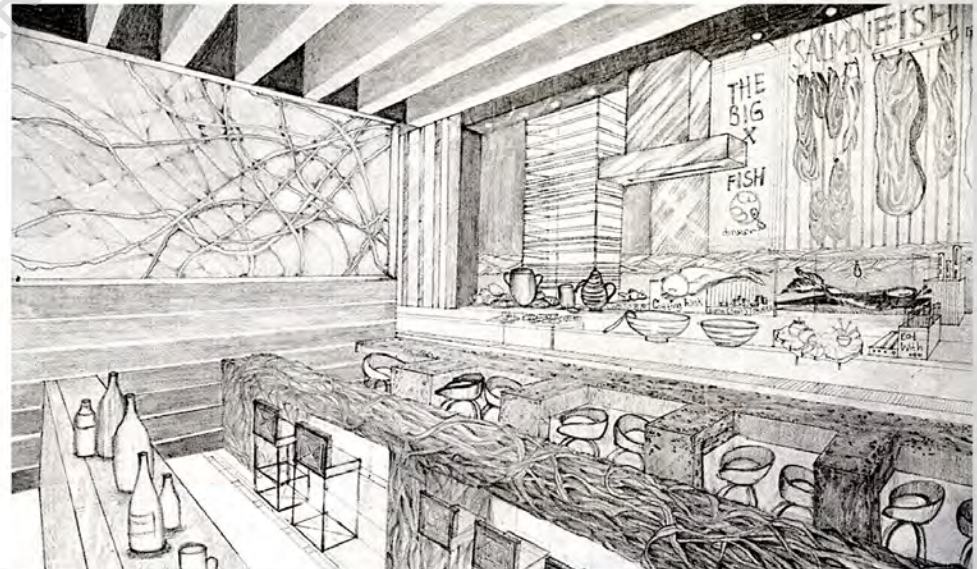
## **In a shell:**

An imagining of future buildings that are compacted within a shell.

Type: Personal Project

Medium: Charcoal and Watercolor on Charcoal Paper 17 in x 28 in

Completed: March 2016



## **Observatory drawings:**

**Top:** An observational drawing of a high school hallway.

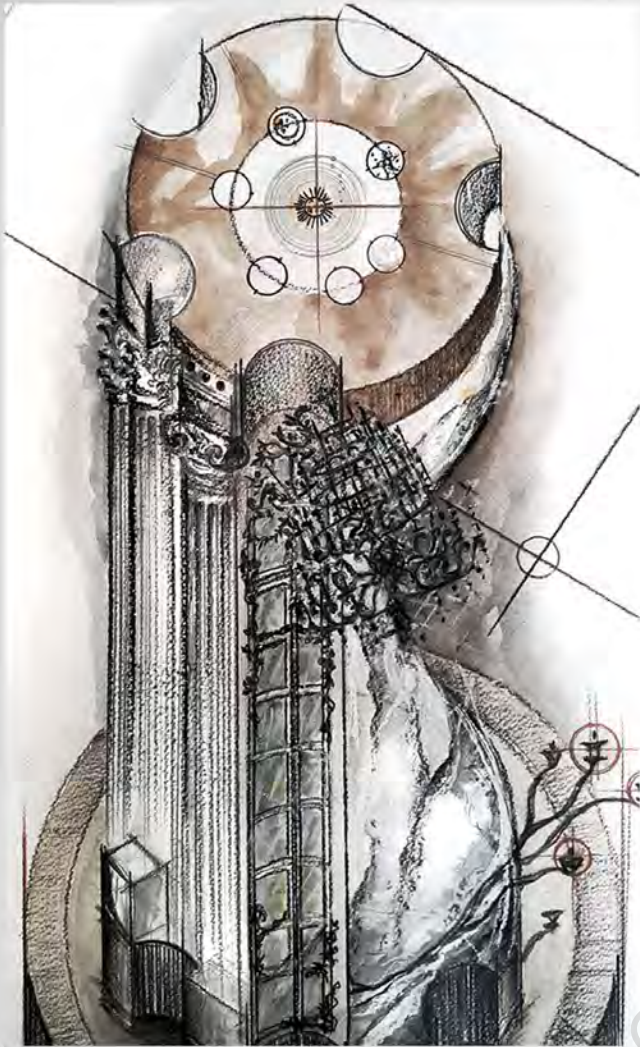
**Bottom:** Japanese restaurant.

Type: Personal Project

Medium: Graphite on Paper 17 in x 14 in

Completed: May 2015





## A Travel Through Time:

Hourglass depicting the change of architectural styles through time.

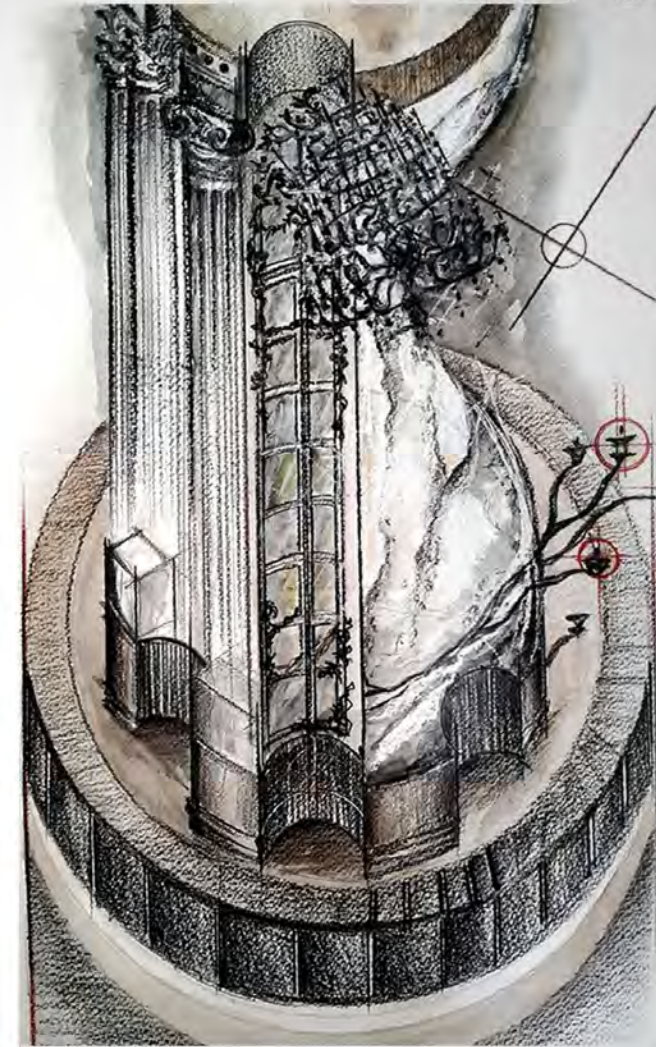
Type: Academic, ART 151  
School: Glendale Community College  
Instructor: Olivia Booth  
Medium: Watercolor & Charcoal on Watercolor Paper 17 in x 28 in  
Completed: August 2016



## The Renaissance:

A depiction of Renaissance arts and the time's ambitious aim for perfection.

Type: Academic, AP 2D Design  
School: Surabaya Intercultural School  
Instructor: James Abbot  
Medium: Charcoal on Plastic & Paper 8.5 in x 11 in  
Completed: November 2016

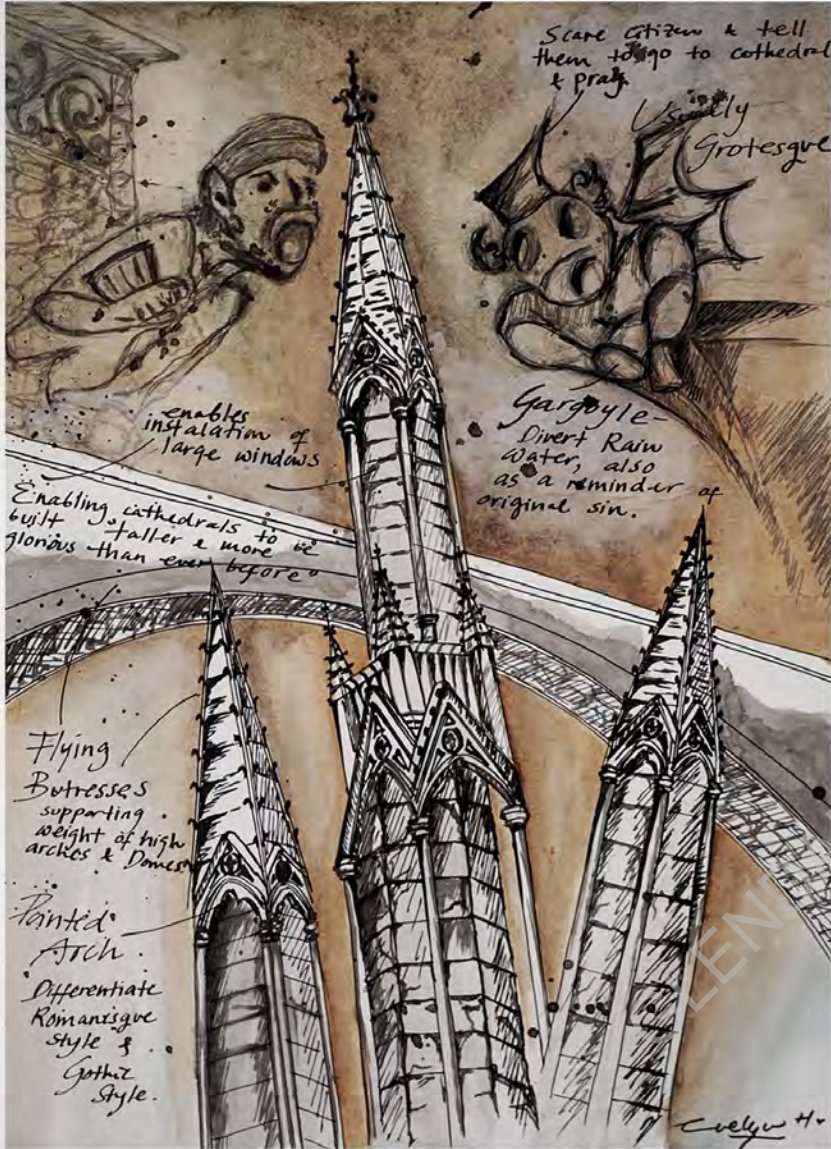


## Second Part:

The work is inspired by Leonardo Da Vinci and Salvador Dali.

Type: Academic, ART 151  
School: Glendale Community College  
Instructor: Olivia Booth  
Medium: Watercolor & Charcoal on Watercolor Paper  
Completed: August 2016





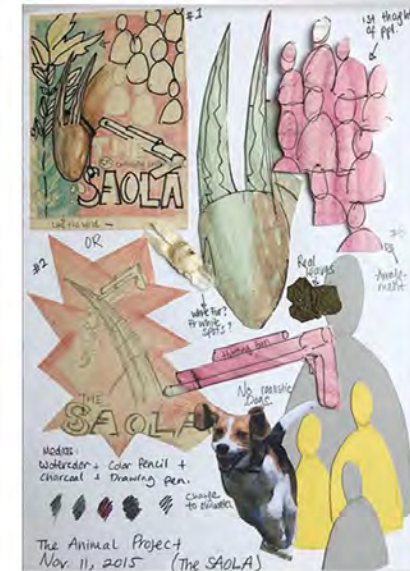
**A Study:**  
Gothic architectural study of churches and sculptures.

Type: Personal Project  
Medium: Ink & Watercolor on Board 10 in x 13 in  
Completed on: May 2016



**Help the Saola:**  
A poster to help the disappearing Saola in Africa.

Type: Academic, AP 2D Design  
School: Surabaya Intercultural School  
Instructor: James Abbot  
Medium: Color Pencil & Ink on Paper 17 in x 28 in  
Completed on: June 2016

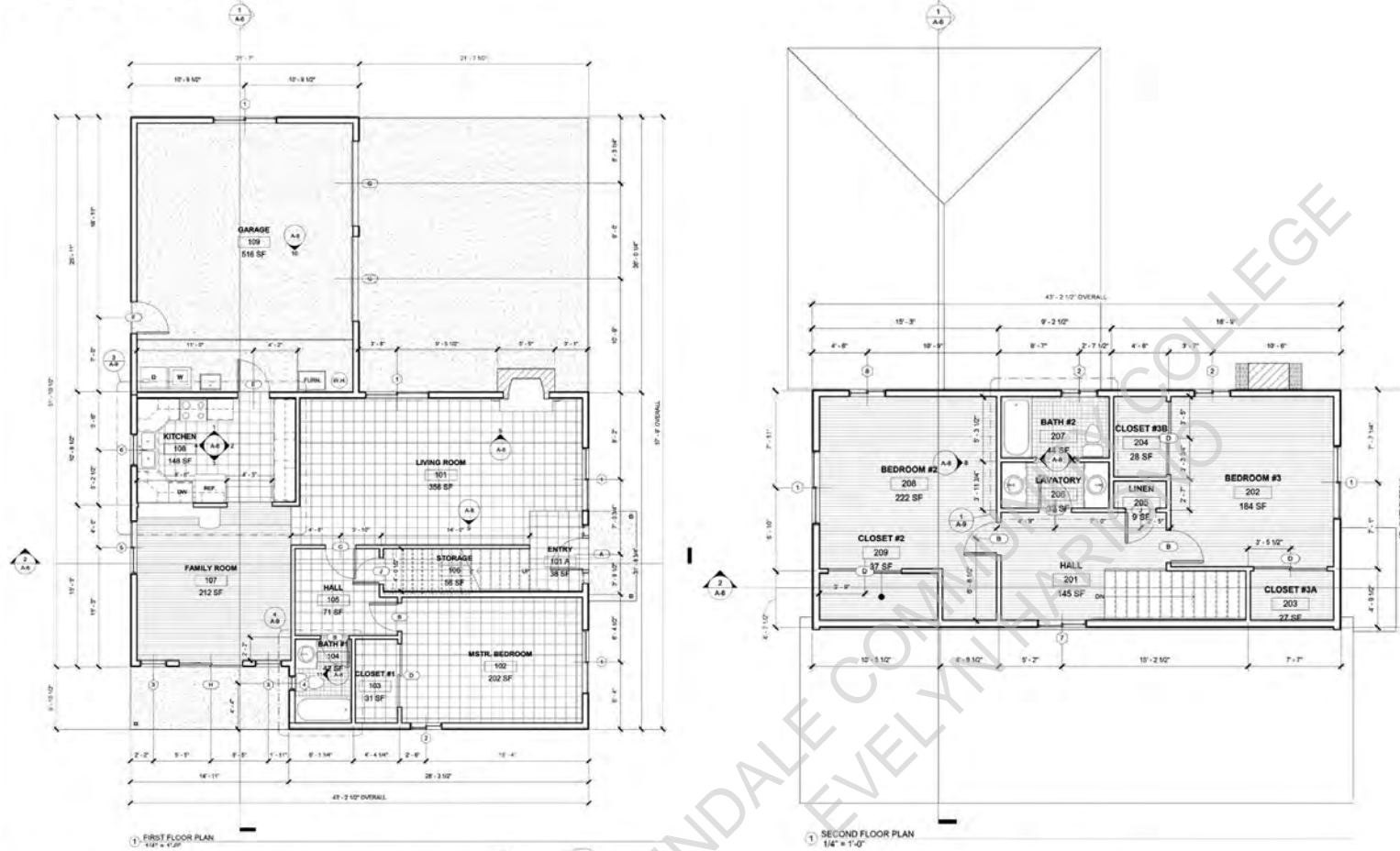


**Process:**  
The process of creating the poster.



# Residential Project

Revit Exercise



Type: School Project, ARCH 250  
 School: Glendale Community College  
 Instructor: Dave Martin  
 Completed: April 2017



Renderings:

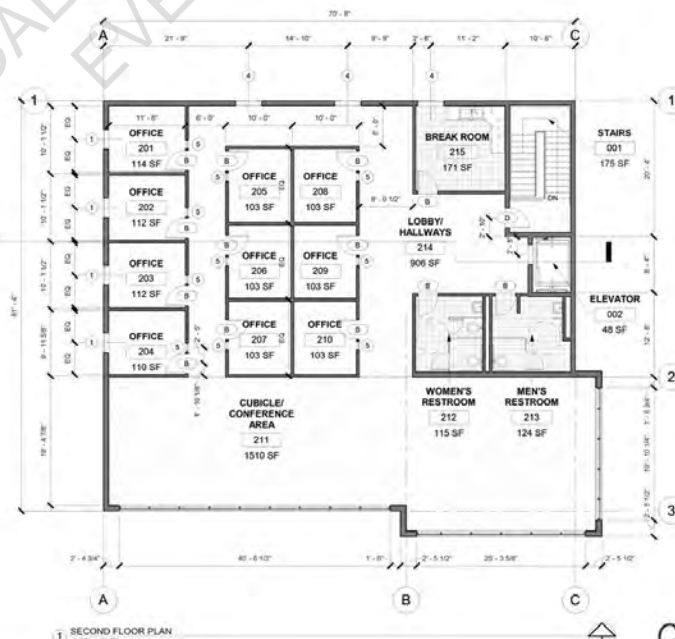
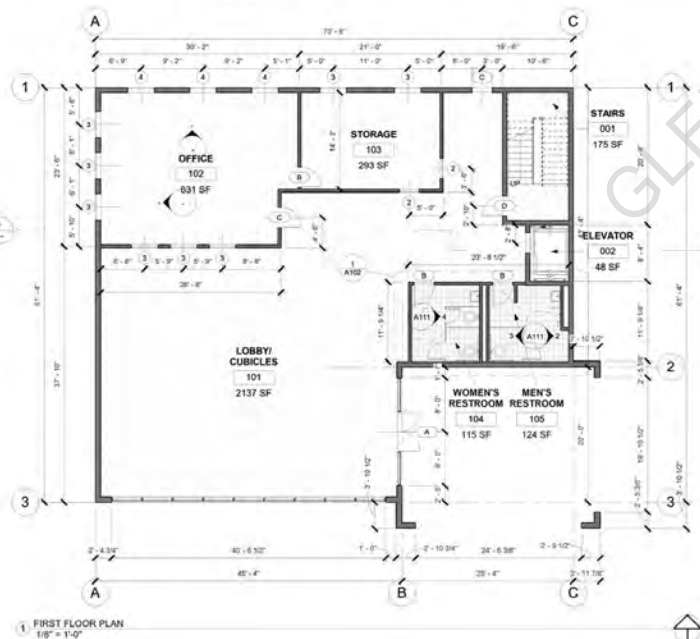
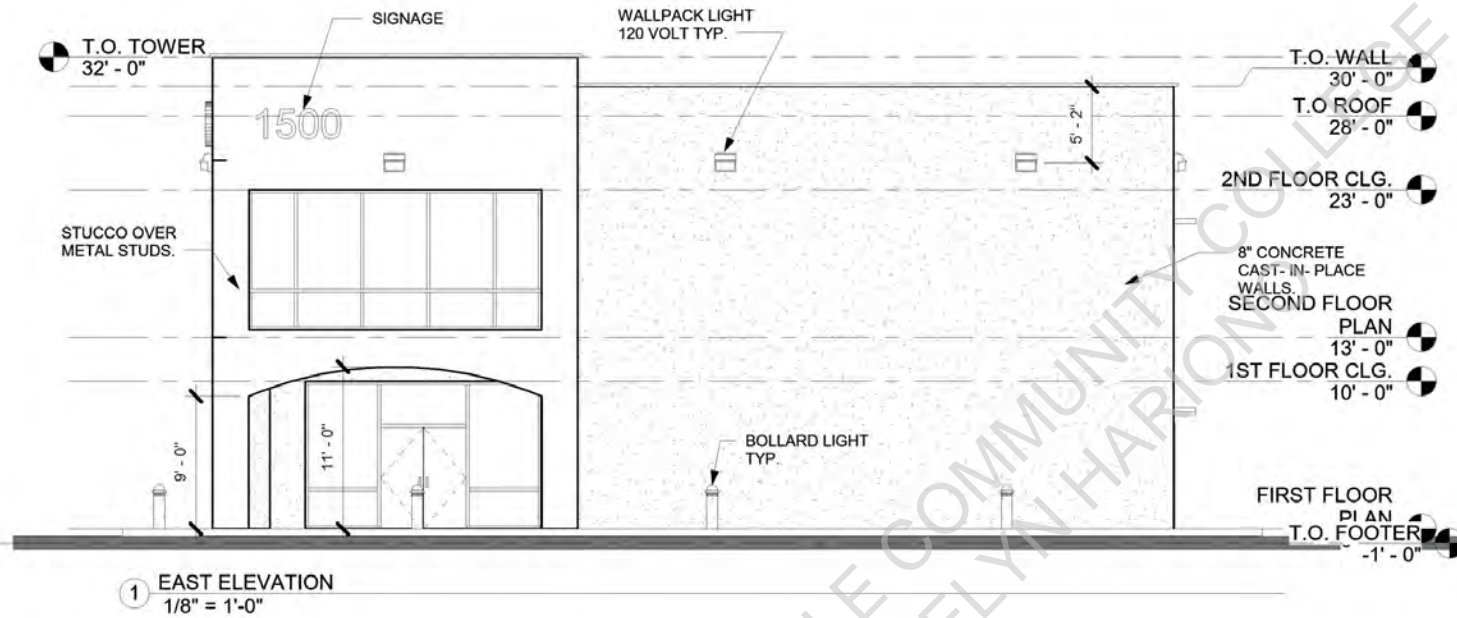




# Commercial Project

## Revit Exercise

Type: School Project, ARCH 250  
 School: Glendale Community College  
 Instructor: Dave Martin  
 Completed: April 2017





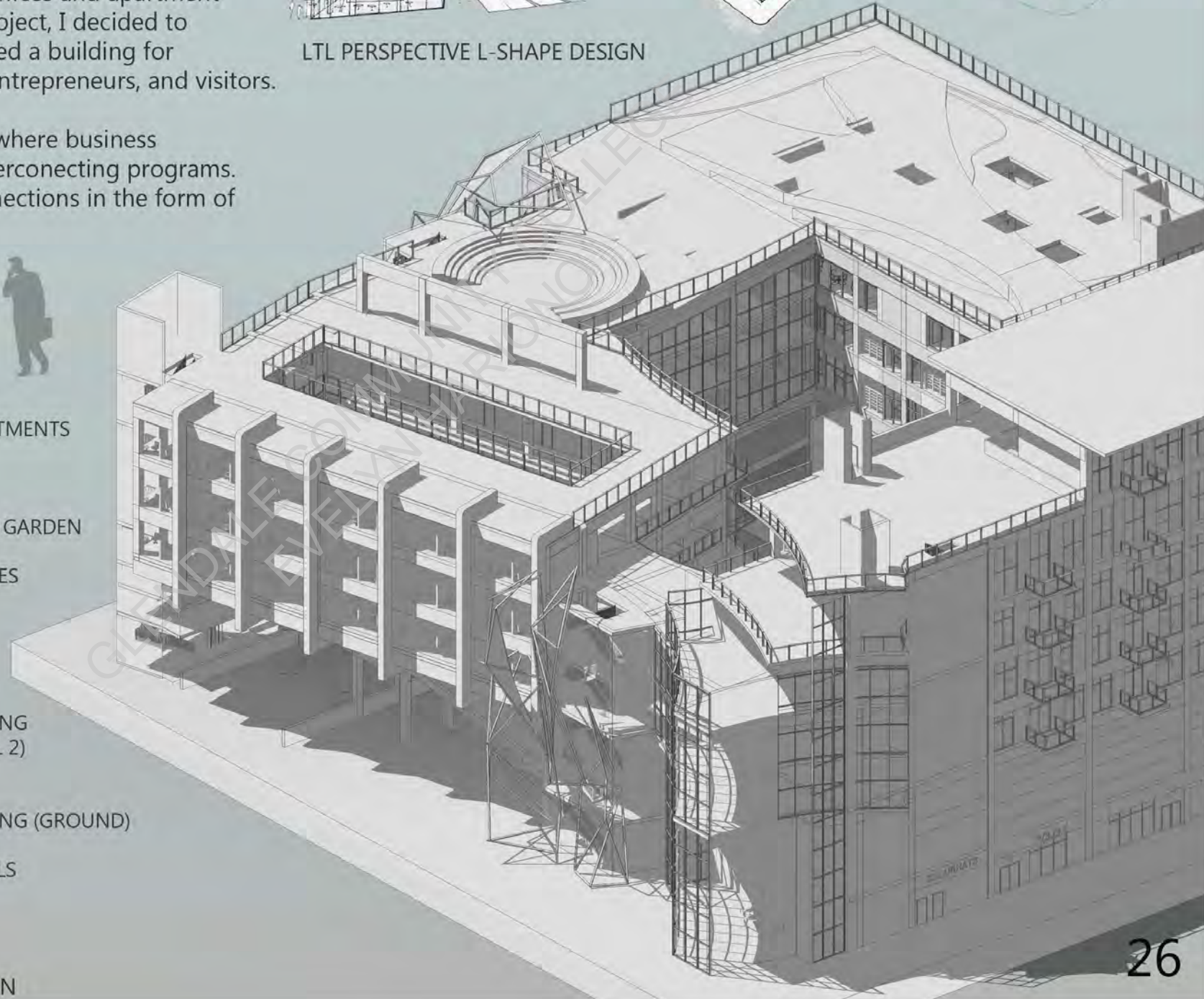
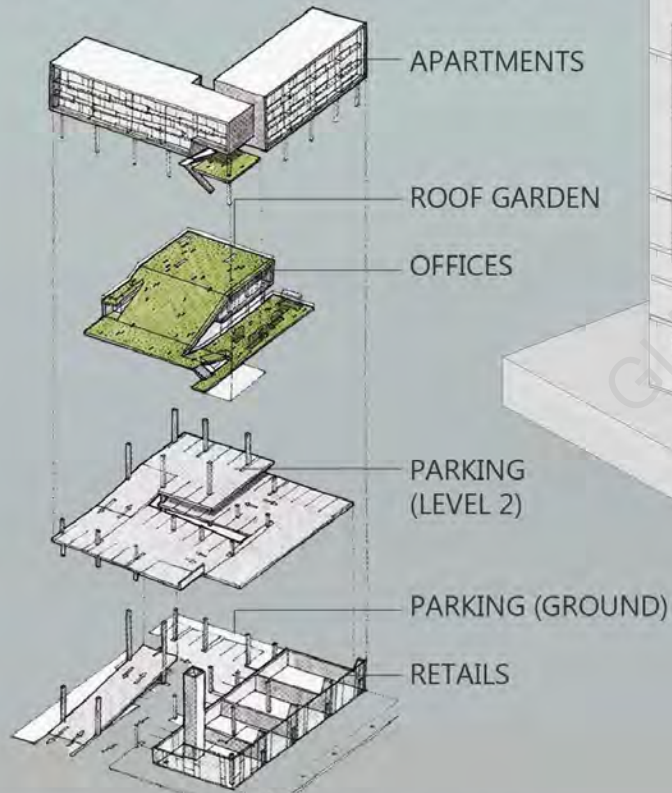
# MIX USE BUSINESS CENTER

This project was based on a L-Shaped case study project located in Florida, designed by Lewis Tsurumaki Lewis (LTL) Architects. The initial project consists of parking structures, offices and apartment buildings. After studying this project, I decided to redefine the project and designed a building for international business people, entrepreneurs, and visitors.

The goal was to create a space where business could flourish, and to create interconnecting programs. Due to this, I implemented connections in the form of both bridges and spaces.



LTL PERSPECTIVE L-SHAPE DESIGN





# MIX USE BUSINESS CENTER

## OFFICES



1. SKYLIGHTS PROVIDE EXTRA LIGHT IN THE ADDITIONAL OFFICES.
2. FOOD COURT ABOVE, SERVING NOT ONLY OFFICE OWNERS BUT ALSO RESIDENTS.
3. CONNECTION BETWEEN HOTEL AND OFFICES IS ALSO USED AS A MEETING SPACE.

## HOTEL



1. FOR BUSINESS TRAVELERS.
2. TILTED TO CAPTURE A NEW PERSPECTIVE OF THE CITY.
3. LIGHT WELLS AND LANDSCAPING IN THE MIDDLE FOR BOTH LIGHT AND COMMON SPACE.

## ROOF GARDEN & LANDSCAPING

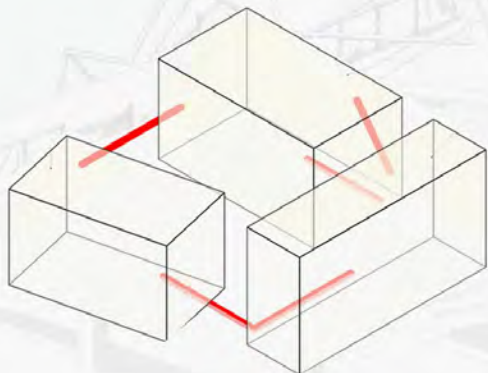
1. TO MAKE UP FOR THE USED LAND.
2. ENTERTAINMENT: GREEK THEATER OPEN FOR APARTMENT RESIDENTS, OFFICE OWNERS, AND TOURISTS STAYING IN THE HOTEL.
3. CONNECTION BRIDGE CONNECTING THE GARDEN TO THE APARTMENT BUILDING.

## CENTRAL LANDSCAPE

1. THE SHARED SPACE BETWEEN THE 3 MAIN PROGRAMS.
2. MARKET SPACE (PERMANENT OR TENTS), LOCATED NEAR THE RETAIL AREA.
3. SPACE FOR SMALL FESTIVALS AND MARKET.



# MIX USE BUSINESS CENTER



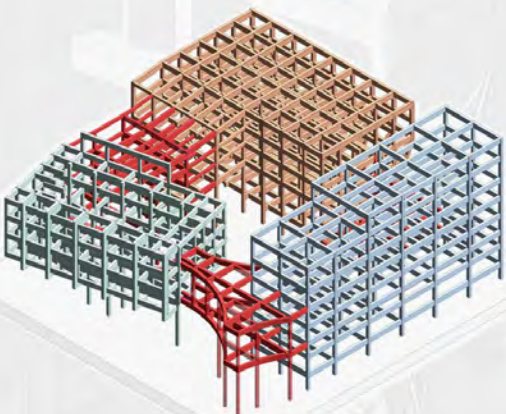
**PARTI DIAGRAM**

-  BUILDINGS
-  CONNECTIONS



**PROGRAM DIAGRAM**

-  OFFICES & FOODCOURT
-  HOTEL
-  APARTMENTS






**STRUCTURAL DIAGRAM**

-  OFFICES & FOODCOURT
-  HOTEL
-  APARTMENTS
-  CONNECTIONS

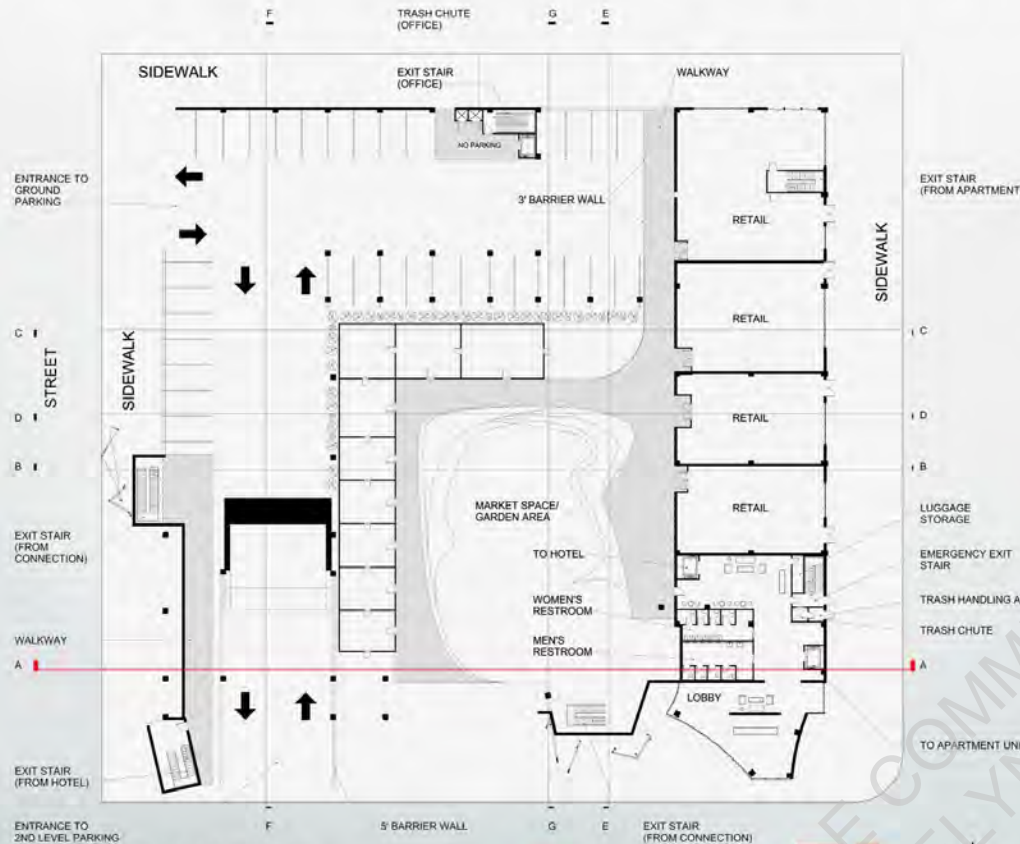


**CIRCULATION DIAGRAM**

-  HUMAN CIRCULATION
-  FIRST LEVEL PARKING
-  SECOND & THIRD LEVEL PARKING

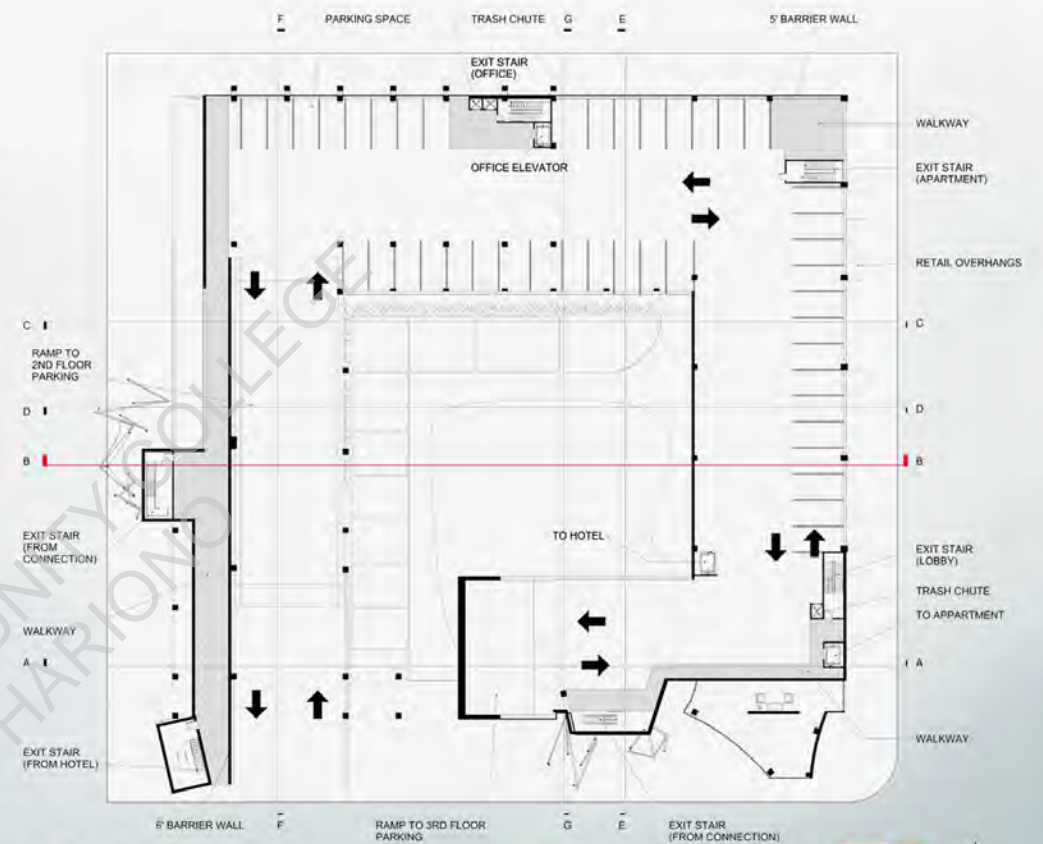


# MIX USE BUSINESS CENTER



LEVEL 1 FLOOR PLAN

- OFFICES & FOODCOURT
- HOTEL
- APARTMENTS



LEVEL 2 FLOOR PLAN

- OFFICES & FOODCOURT
- HOTEL
- APARTMENTS



SECTION A: SECTION AT HOTEL SKYLIGHT, LOBBY CONNECTION, AND APARTMENT.

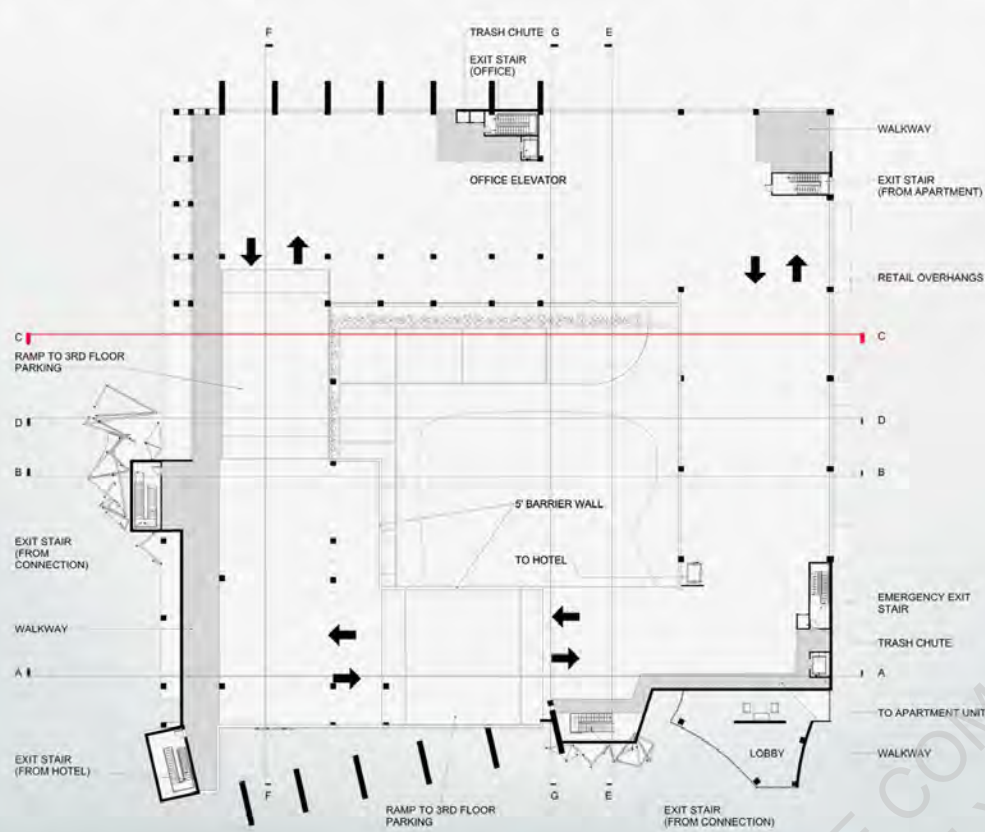


SECTION B: VIEW OVERLOOKING THE OFFICE BUILDING AND BRIDGE TO THE APARTMENT.



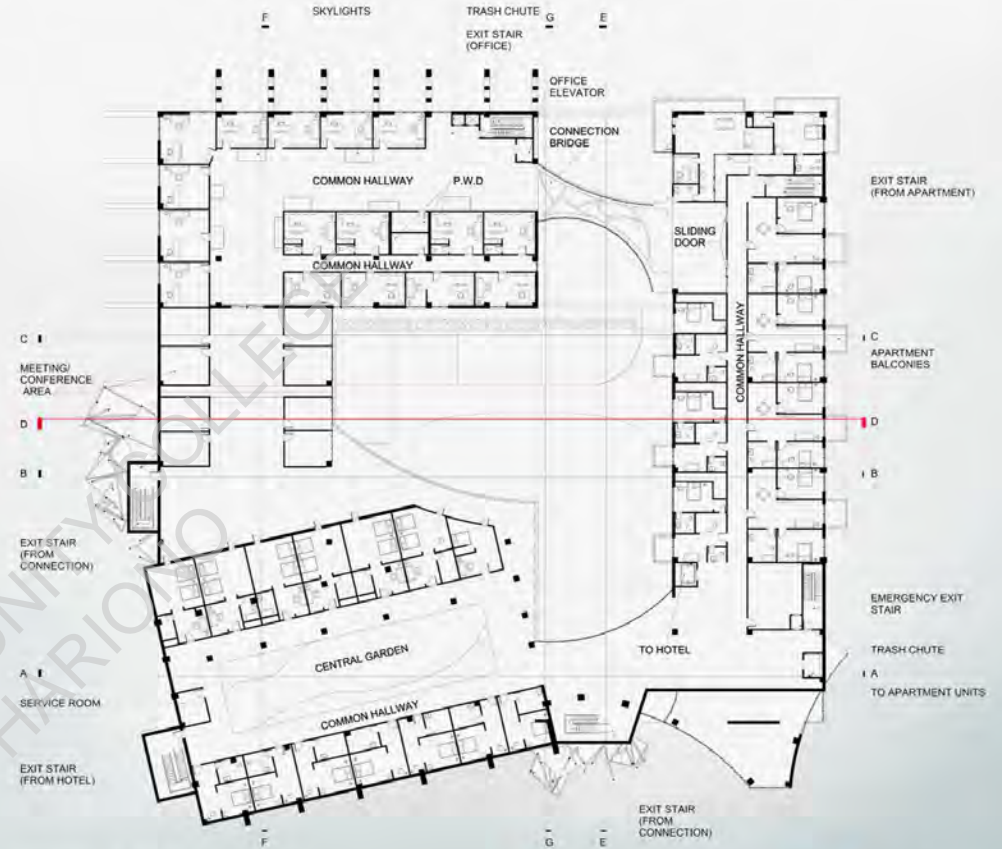


# MIX USE BUSINESS CENTER



LEVEL 3 FLOOR PLAN

■ OFFICES & FOODCOURT  
■ HOTEL  
■ APARTMENTS

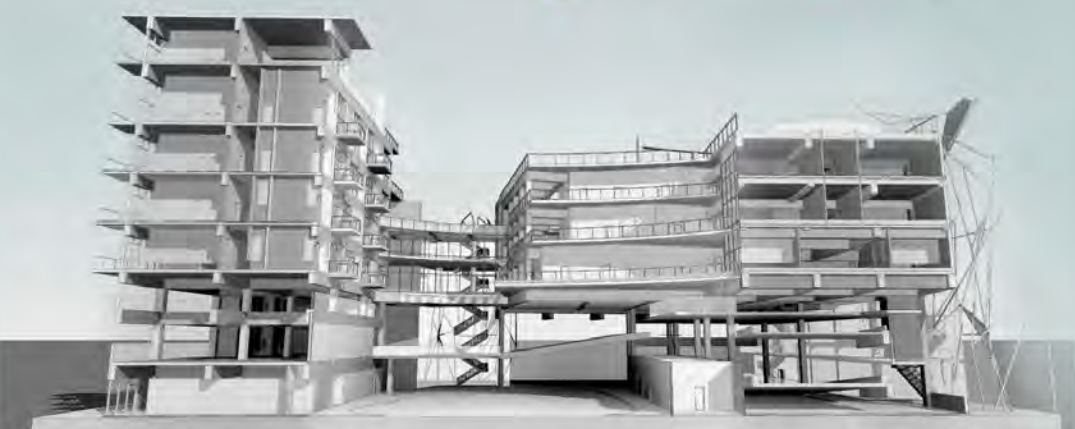


LEVEL 4 FLOOR PLAN

■ OFFICES & FOODCOURT  
■ HOTEL  
■ APARTMENTS



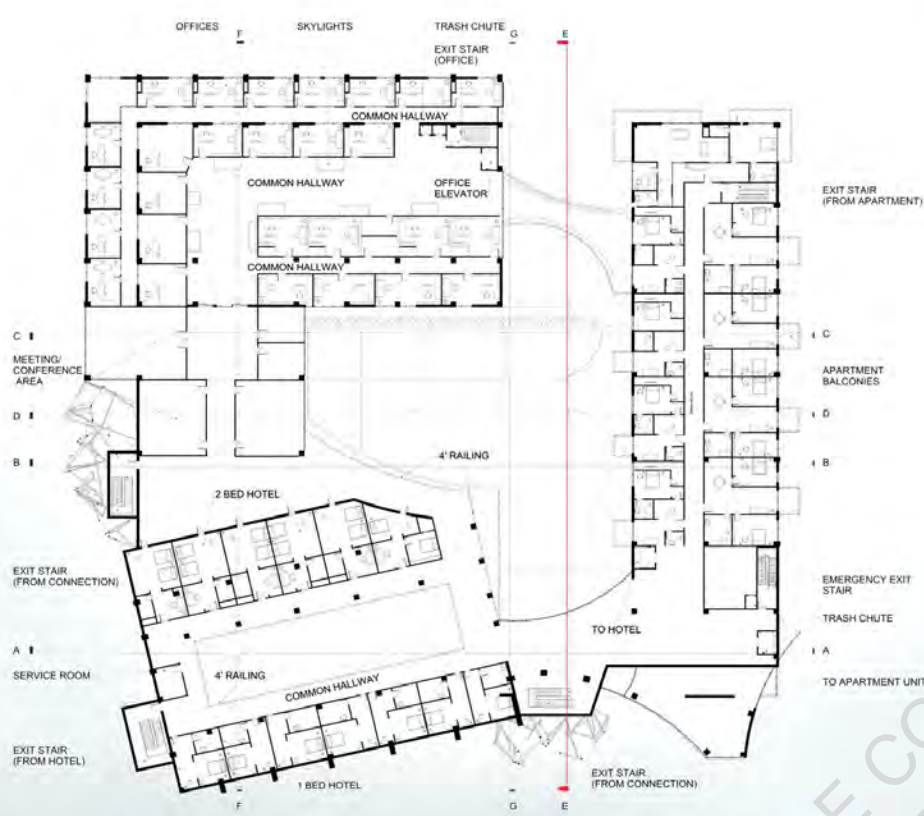
SECTION C: SECTION AT THE APARTMENT AND MEETING AREA.



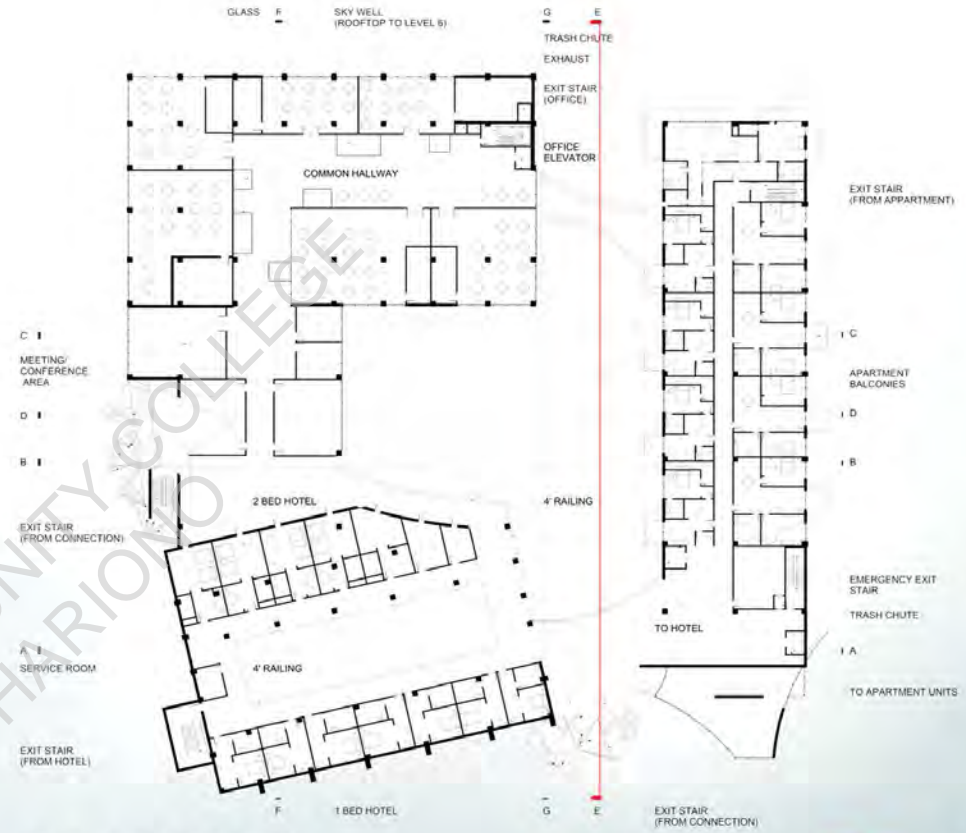
SECTION D: VIEW OF THE HOTEL AND LOBBY CONNECTION.



# MIX USE BUSINESS CENTER



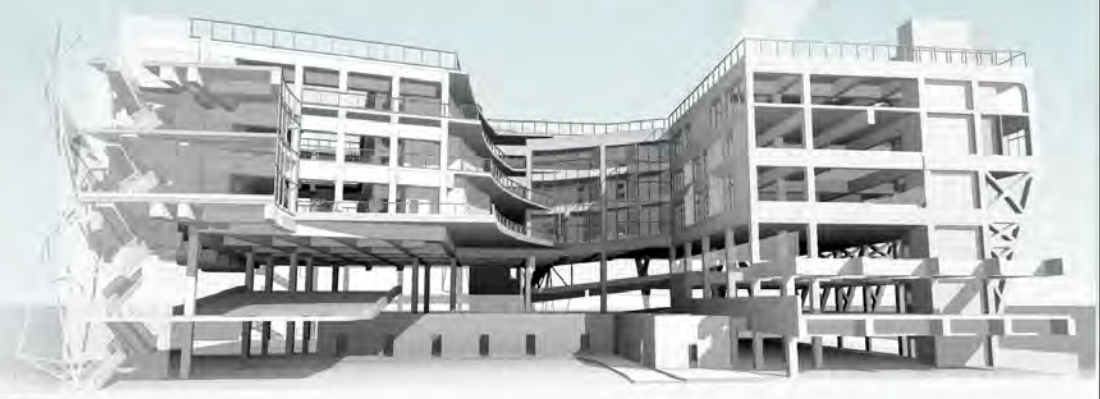
LEVEL 5 FLOOR PLAN



LEVEL 6 FLOOR PLAN



SECTION E: SECTION AT THE LOBBY CONNECTION AND APARTMENT BRIDGE TO OFFICE.

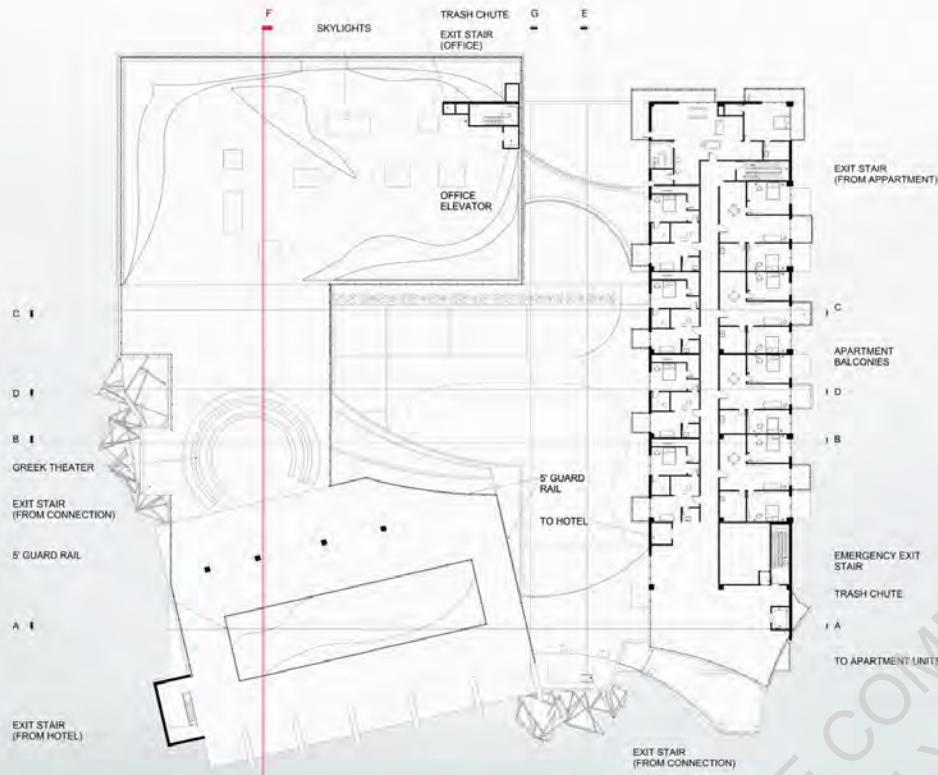


SECTION E: VIEW OF CONNECTION FROM HOTEL AREA TO OFFICE BUILDING.



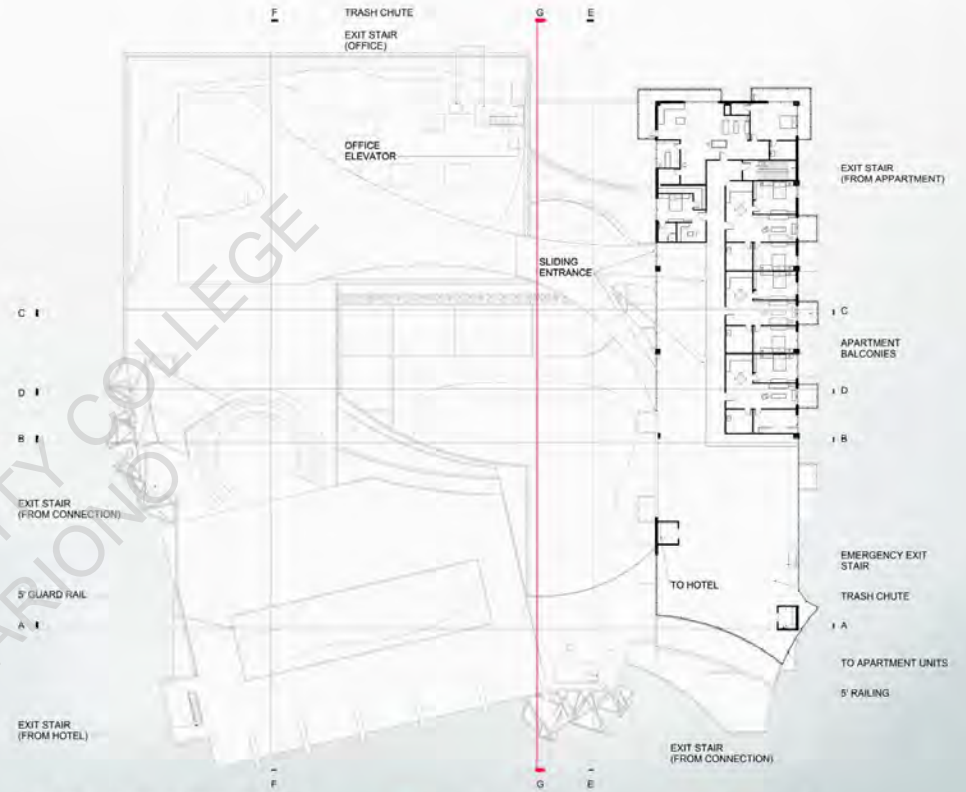


# MIX USE BUSINESS CENTER



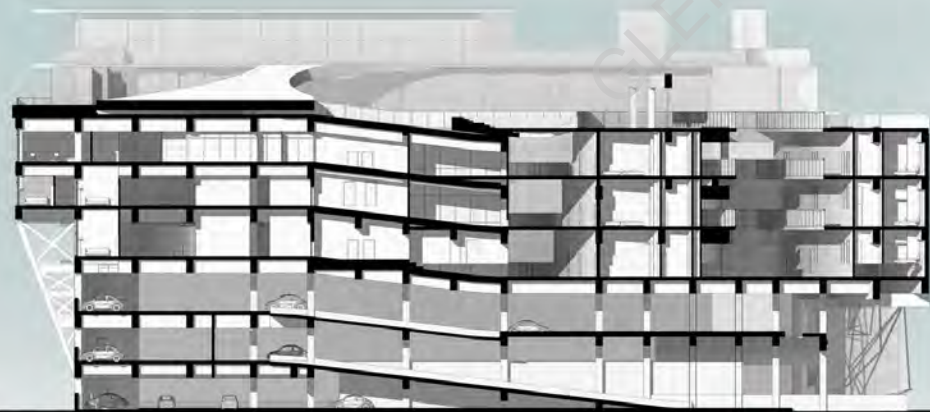
LEVEL 7 FLOOR PLAN

- OFFICES & FOODCOURT
- HOTEL
- APARTMENTS



LEVEL 8 FLOOR PLAN

- OFFICES & FOODCOURT
- HOTEL
- APARTMENTS



SECTION F: SECTION AT OFFICE AREA, CONNECTION AND HOTEL.

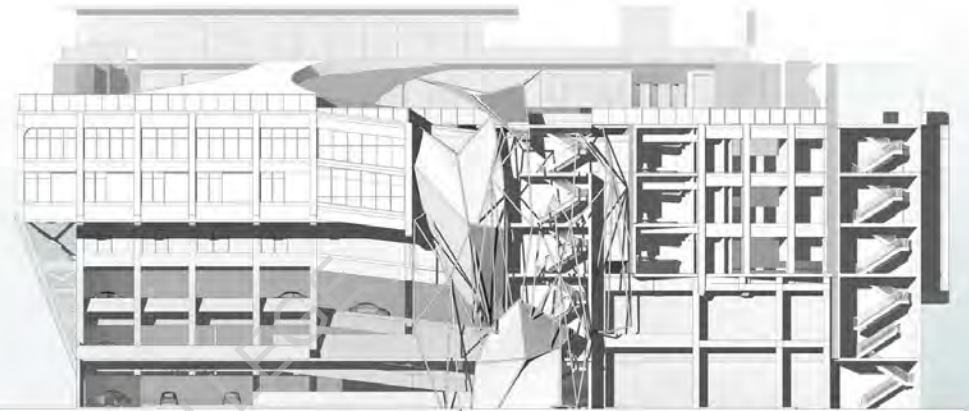


SECTION G: VIEW OF THE APARTMENT FROM INSIDE THE COURTYARD.





# MIX USE BUSINESS CENTER



WEST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION



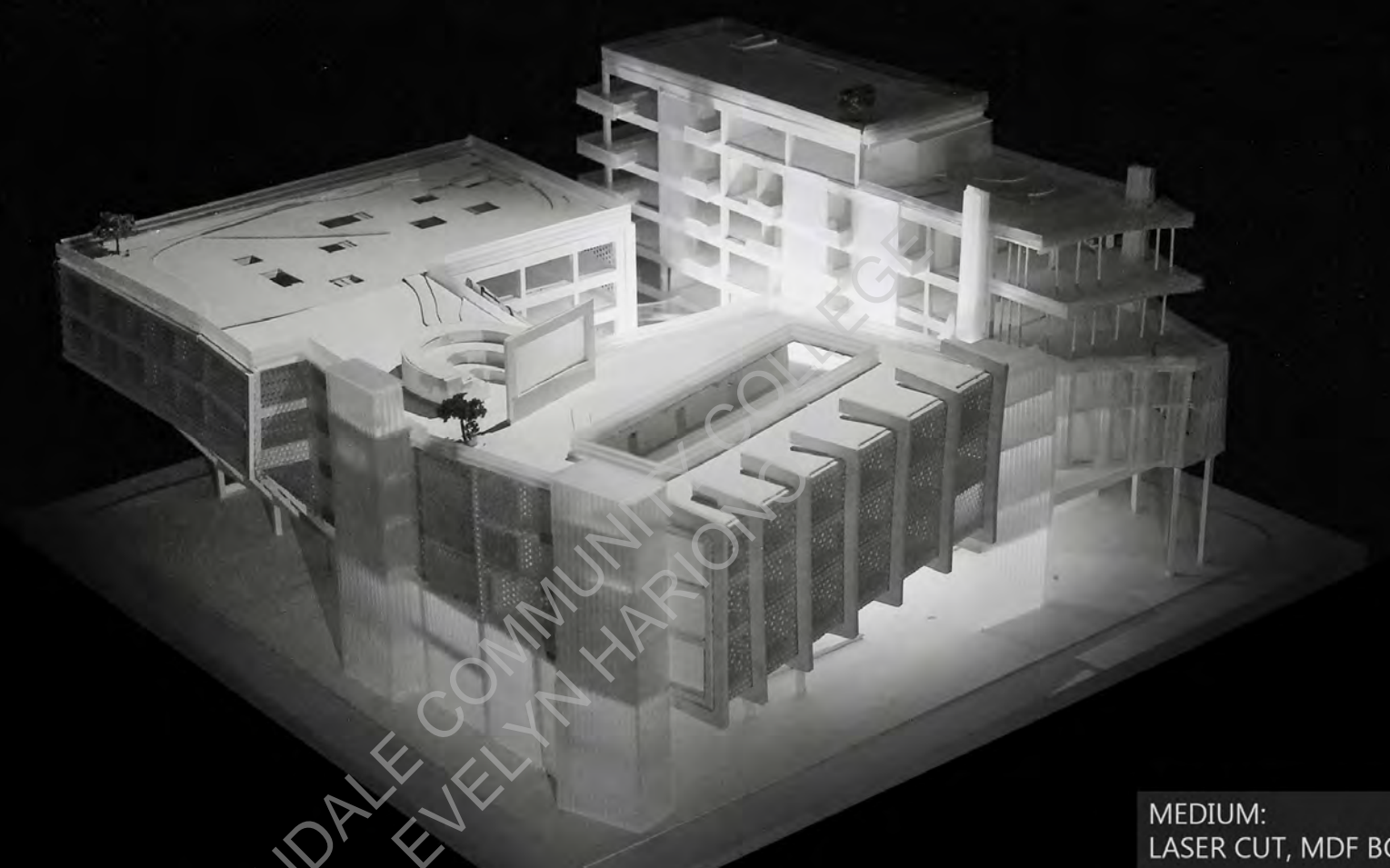
# MIX USE BUSINESS CENTER

1/16" SCALE MODEL

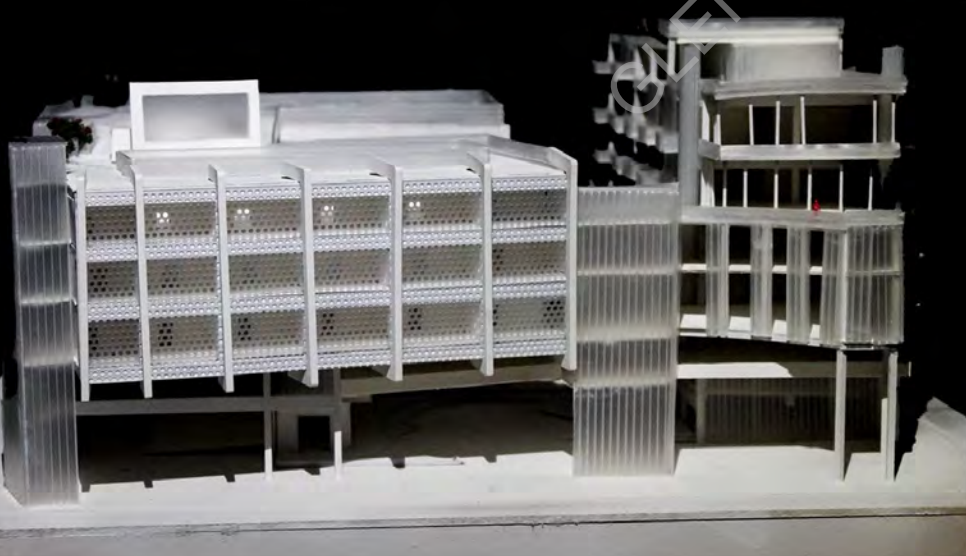
**RIGHT:**  
OVERLOOKING THE ROOF  
LANDSCAPING AREA OF  
THE PROGRAMS.

**BOTTOM LEFT:**  
VIEW OF THE  
HOTEL, LOBBY  
AND OFFICE BUILDING .

**BOTTOM RIGHT:**  
VIEW OF THE  
OFFICE BUILDING,  
CONNECTING MEETING  
AREA AND HOTEL.



MEDIUM:  
LASER CUT, MDF BOARD





# MIX USE BUSINESS CENTER

1/16" SCALE MODEL



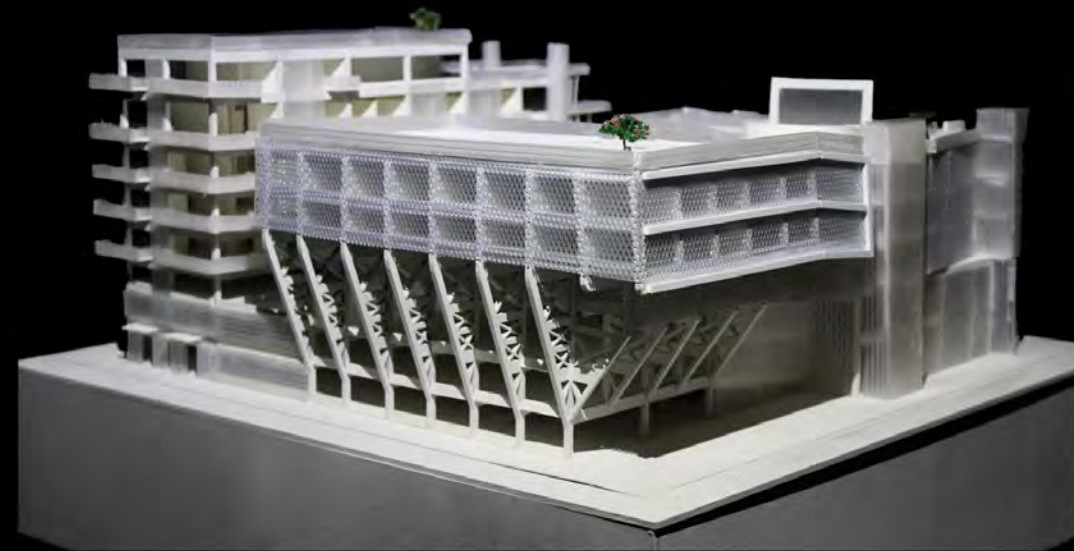
ABOVE:  
VIEW LOOKING AT THE APARTMENT AND OFFICE BUILDING



ABOVE:  
VIEW OF THE HOTEL, LOBBY AREA, AND APARTMENT BUILDING.



ABOVE:  
VIEW LOOKING AT THE OFFICE BUILDING, CONNECTION, AND HOTEL.



ABOVE:  
VIEW LOOKING AT THE APARTMENT AND OFFICE BUILDING.



# MIX USE BUSINESS CENTER

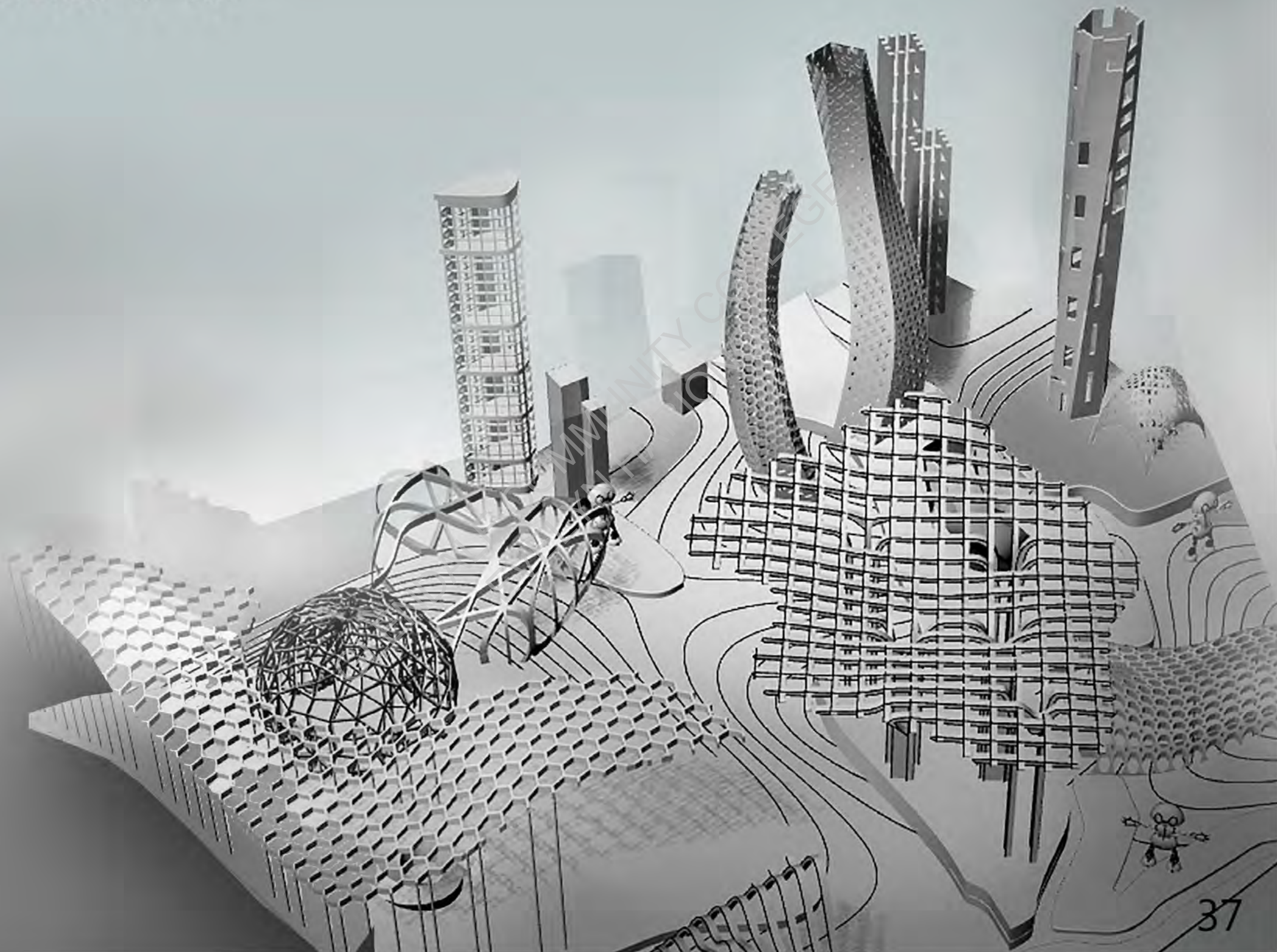
1/16" SCALE MODEL



**FAR LEFT:**  
DETAILS OF THE  
APARTMENT  
BALCONIES.

**LEFT:**  
OVERVIEW OF  
THE COMMON  
LANDSCAPE,  
CONNECTION  
BRIDGE, AND  
HOTEL COMMON  
BALCONIES.

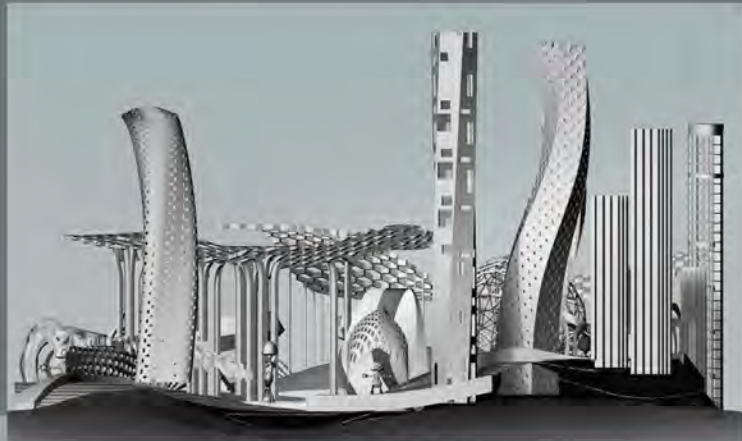






# RHINO 5 3D

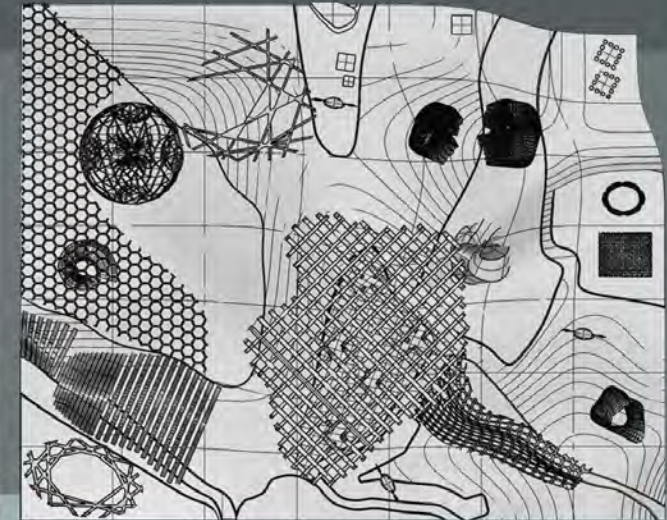
CITY & LANDSCAPING



FRONT ELEVATION



LEFT ELEVATION



TOP VIEW

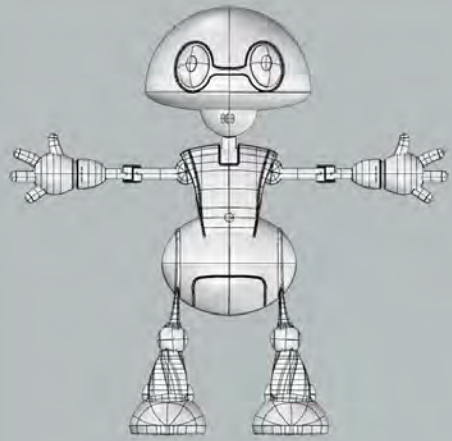


SOUTH WEST ELEVATION



# RHINO 5 3D

## ROBOT



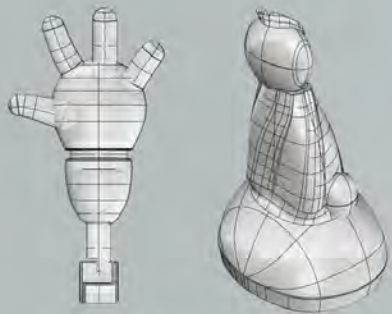
FRONT



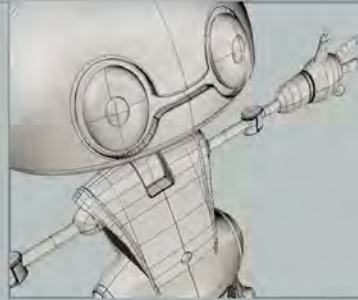
RIGHT



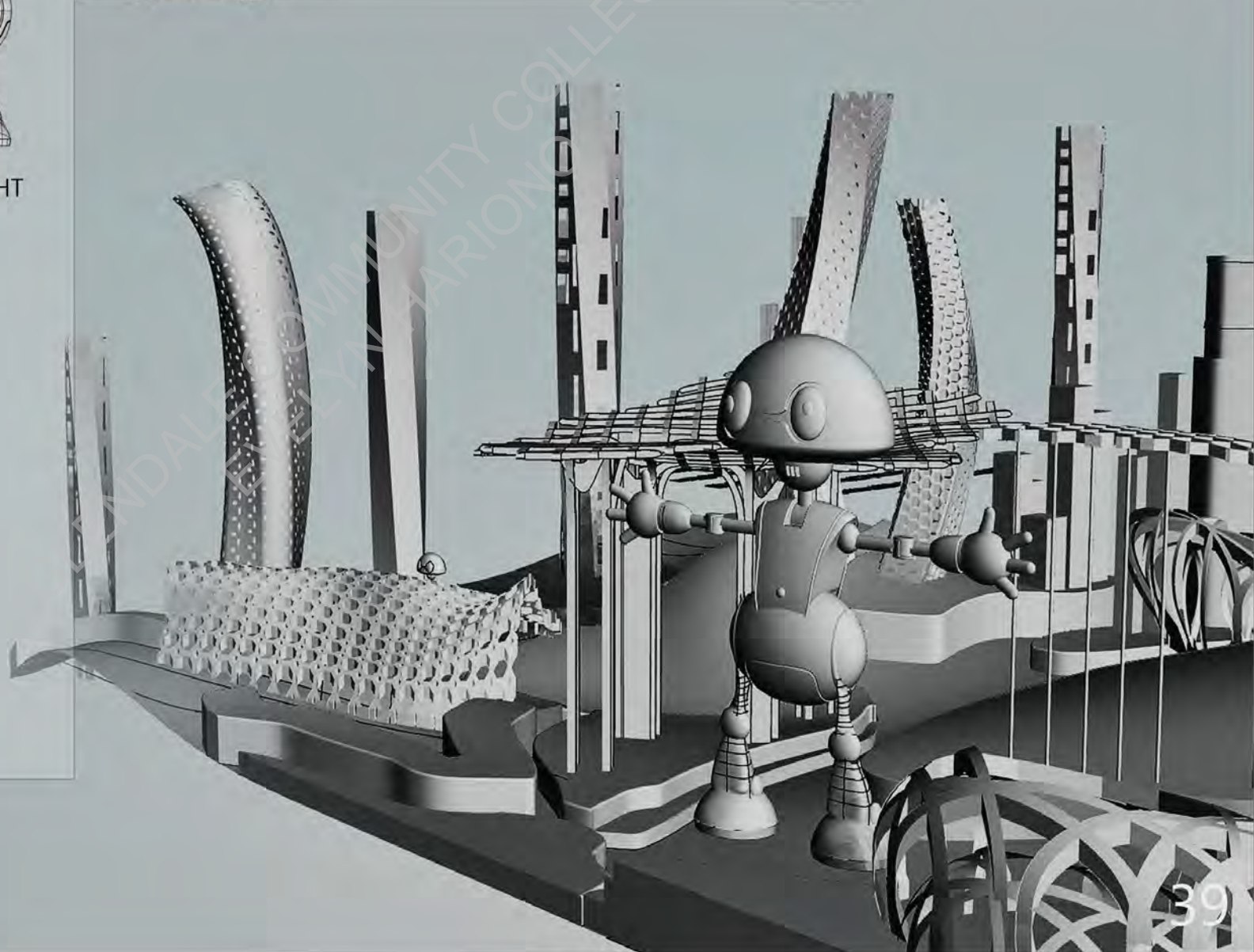
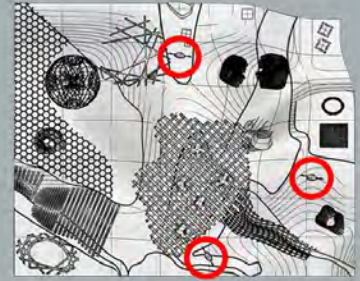
TOP



HANDS & FEET



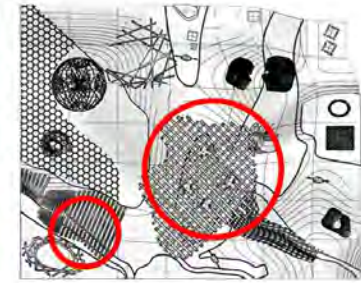
The robot is a study model based on a youtube channel by Mr. Rhino 3D. The tutorial has helped me implement, practice, and get used to many of Rhino's commands.



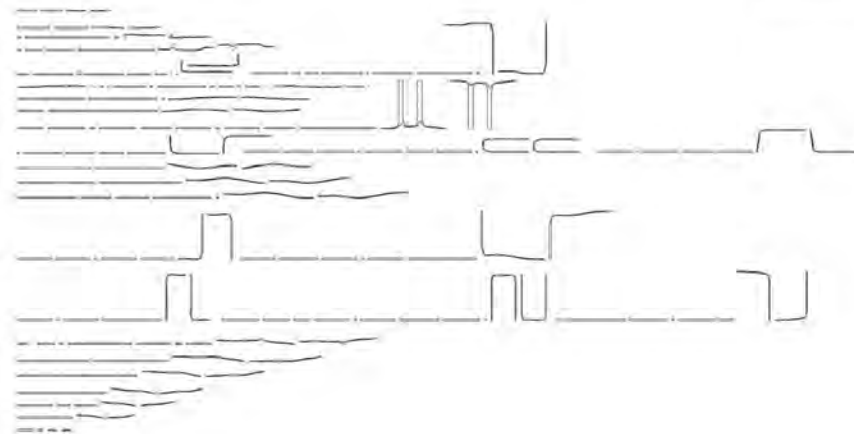


# RHINO 5 3D

## STRUCTURES & DIGITAL FABRICATION



TOP



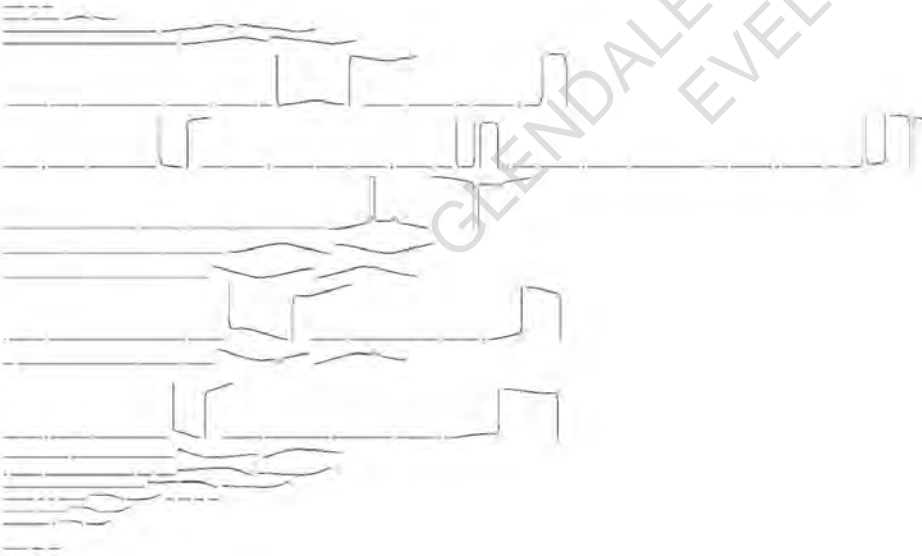
FRONT

RIGHT

PERSPECTIVE



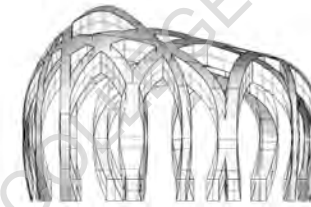
TOP



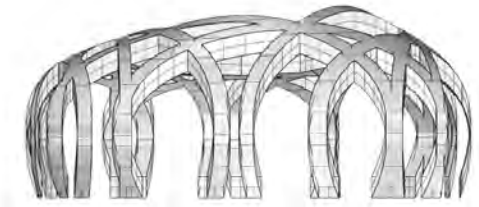
FRONT

RIGHT

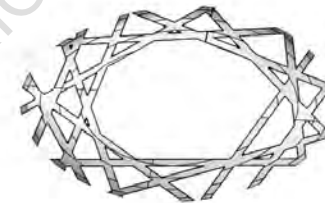
PERSPECTIVE



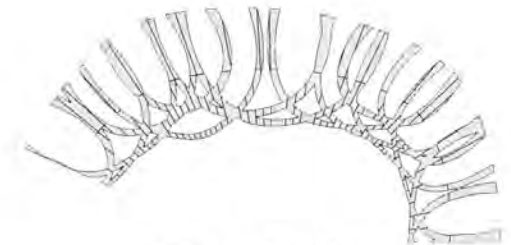
RIGHT



FRONT



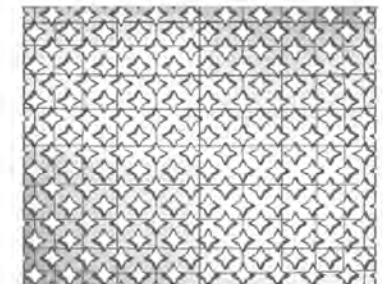
TOP



FABRICATION



FRONT & RIGHT



FABRICATION

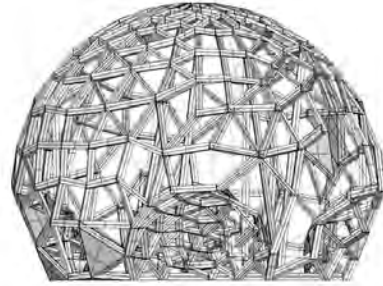


# RHINO 5 3D

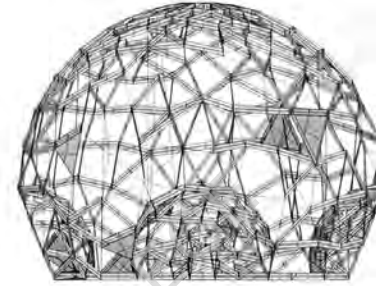
## CAGES & CANOPIES



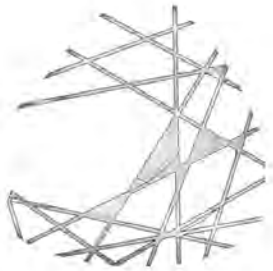
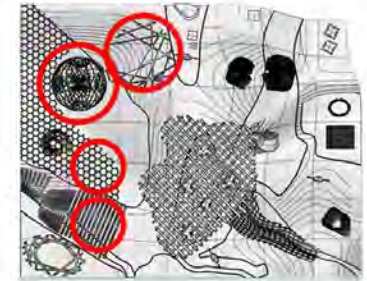
TOP



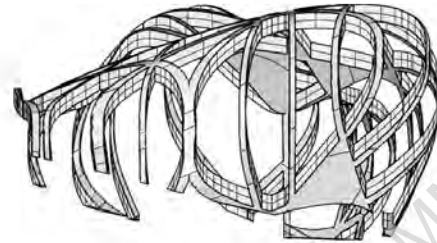
FRONT



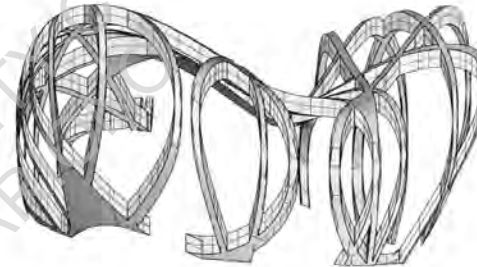
RIGHT



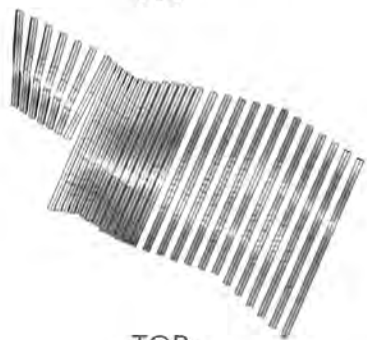
TOP



FRONT



RIGHT



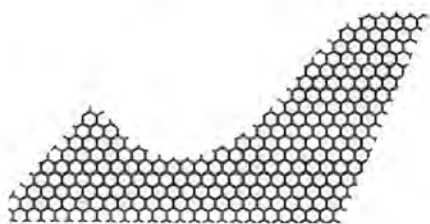
TOP



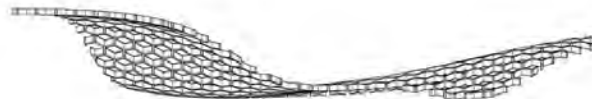
FRONT



RIGHT



TOP



FRONT



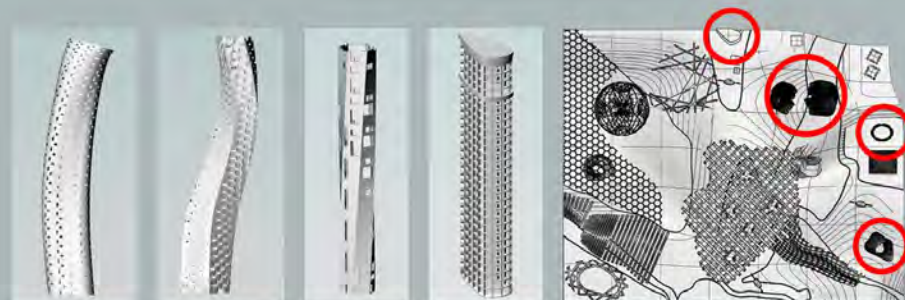
RIGHT



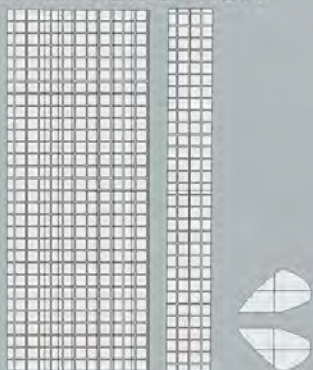


# RHINO 5 3D

BUILDINGS

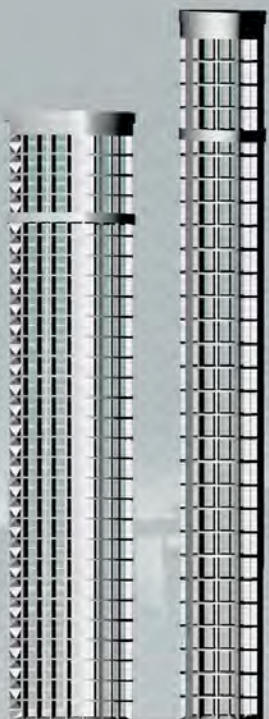


TOP & FABRICATION

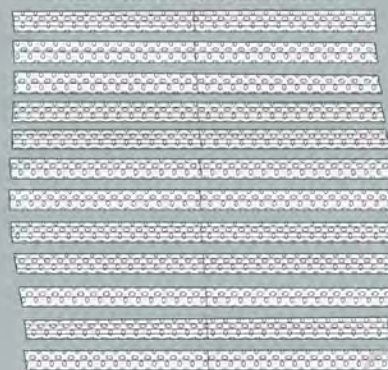


FRONT

RIGHT



TOP & FABRICATION

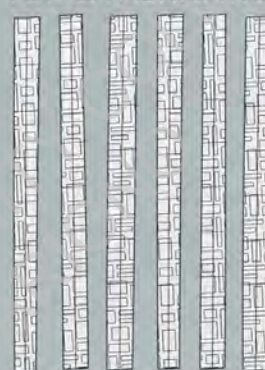


FRONT

RIGHT



TOP & FABRICATION

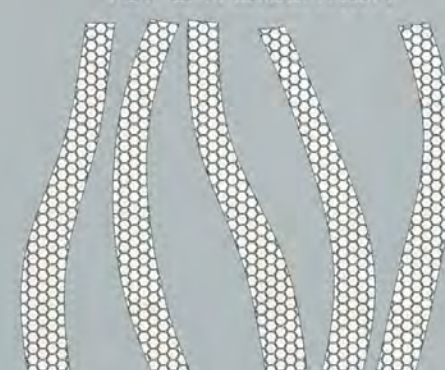


FRONT

RIGHT

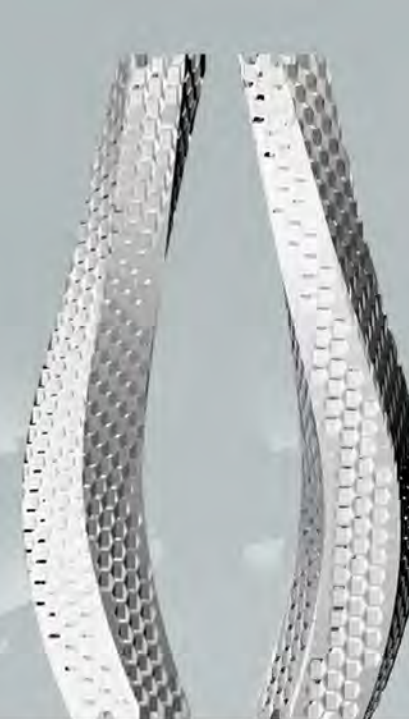


TOP & FABRICATION



FRONT

RIGHT







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**THANK YOU**

PORTFOLIO BY: EVELYN HARIONO