



ANAHIT TSATURYAN

PORTFOLIO

ARCHITECTURE
SELECTED WORKS 2023-2025

SKILLS



REVIT



AUTOCAD



RHINO



SKETCHUP



PHOTOSHOP



MODEL-MAKING

ACHIEVEMENTS

- ARCHITECTURE DRAFTING AND DESIGN CERTIFICATE
- TWO YEARS OF INTERNSHIP AT BOLADarck DESIGN CORPORATION
- TREASURER OF THE ARCHITECTURE CLUB AT GCC

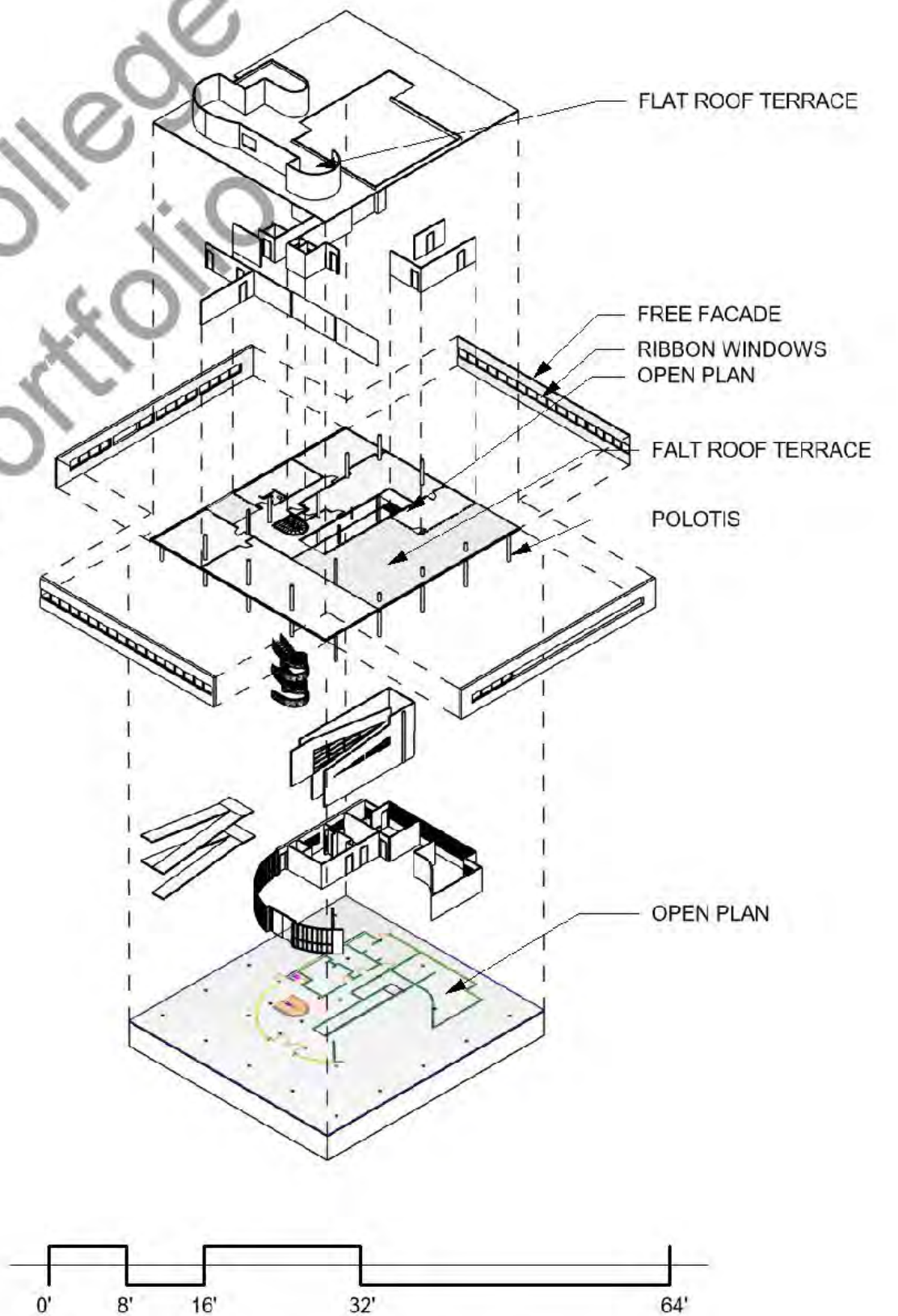
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VILLA SAVOYE

CASE STUDY PROJECT

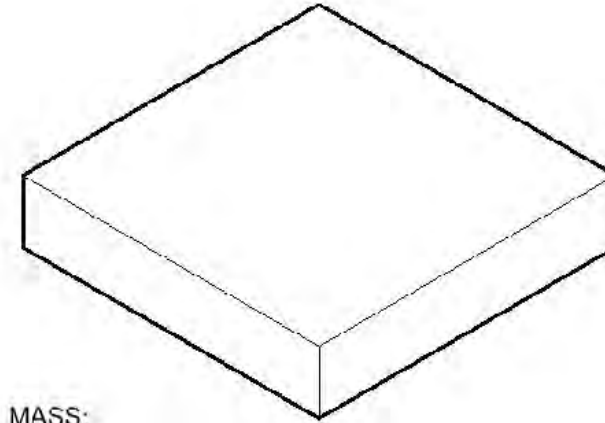
Villa Savoye is a reflection of the modern industrial age. It was designed by the Swiss-French architect Le Corbusier. Located in Poissy, France, it was built between 1928 and 1931. Villa Savoye holds a special place in the history of architecture due to its embodiment of Le Corbusier's "Five Points of Architecture", which are foundational principles of modern design.



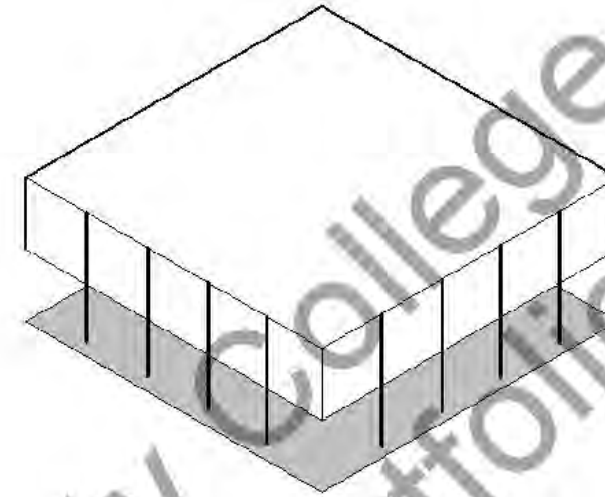
EXPLODED VIEW DIAGRAM

PARTI DIAGRAM

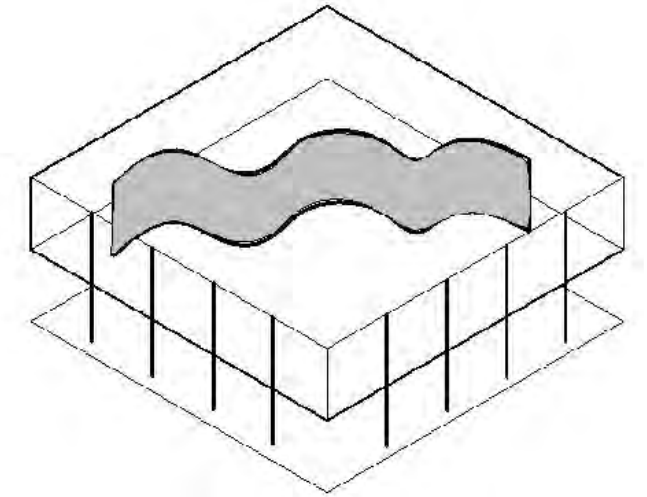
THE FIVE POINTS OF ARCHITECTURE



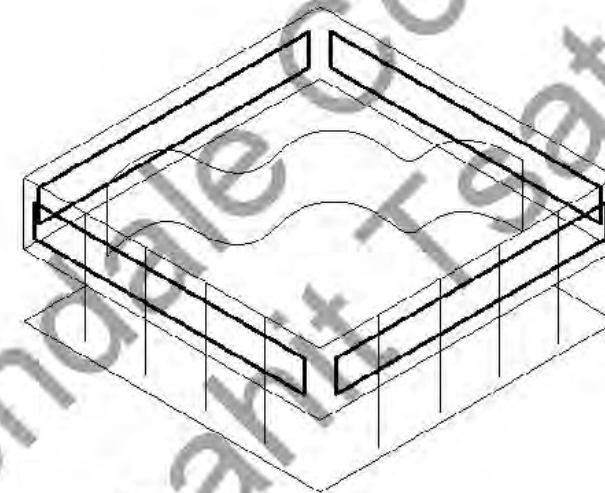
MASS:
THE TOTAL
WEIGHT OF
THE BUILDING



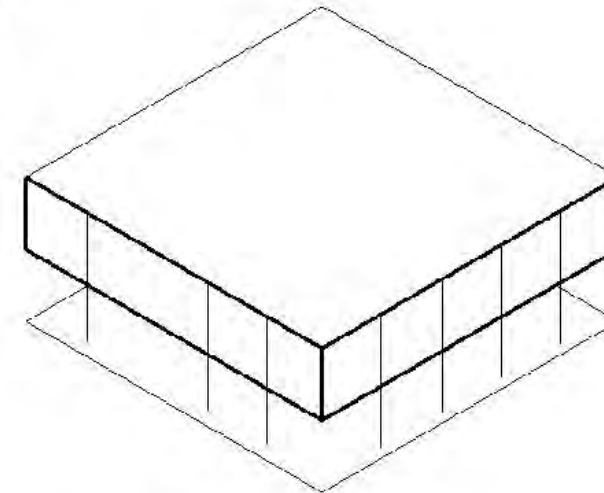
PILOTIS:
THE TOTAL
WEIGHT OF
THE BUILDING
IS SUPPORTED
BY COLUMN
SYSTEM



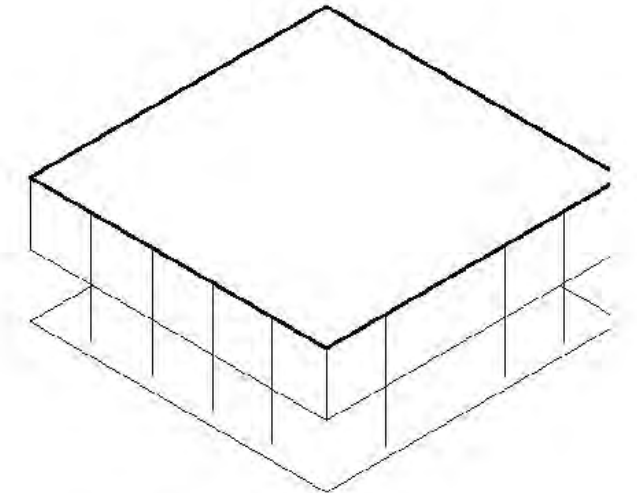
OPEN PLAN:
ALL INTERIOR
WALLS ARE
NOT LOAD
BEARING, SO
IT CAN BE
FREE FORM



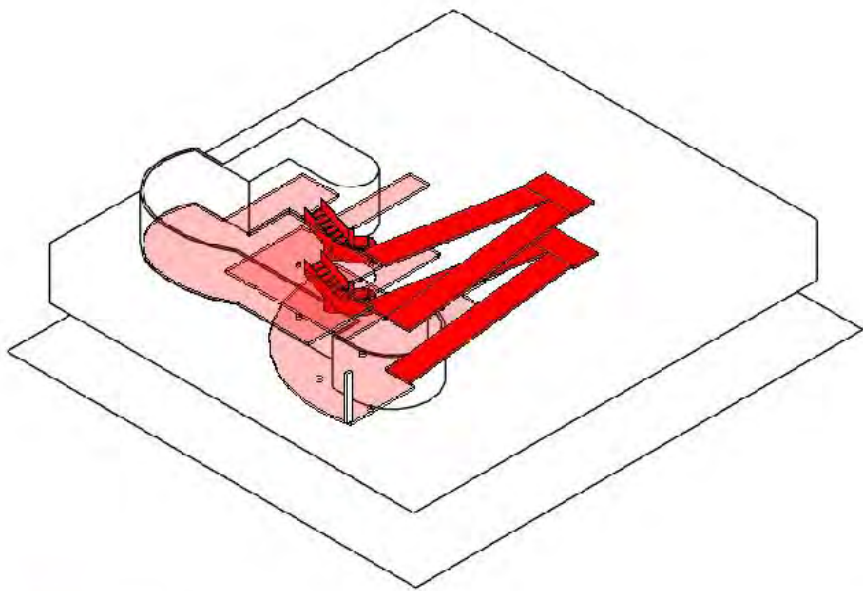
RIBBON WINDOWS:
ALL EXTERIOR
FACADES ARE NOT
LOAD BEARING, SO
THAT IT CAN BE
CONTINUOUS
WINDOWS



FREE FACADE:
ALL EXTERIOR
FACADES ARE
NOT LOAD
BEARING, SO
THAT IT CAN BE
ANY SHAPE

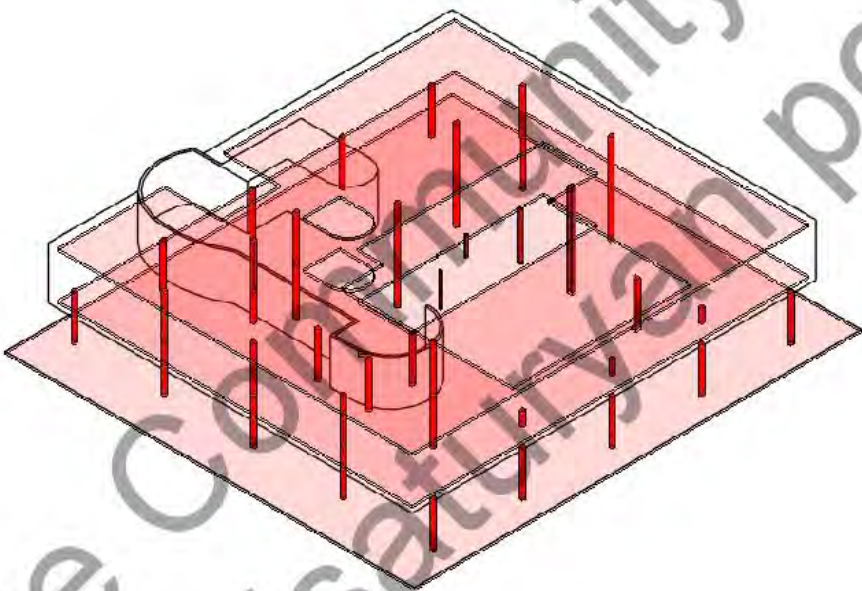


FLAT ROOF
TERRACE:
ROOF TOP
GARDEN



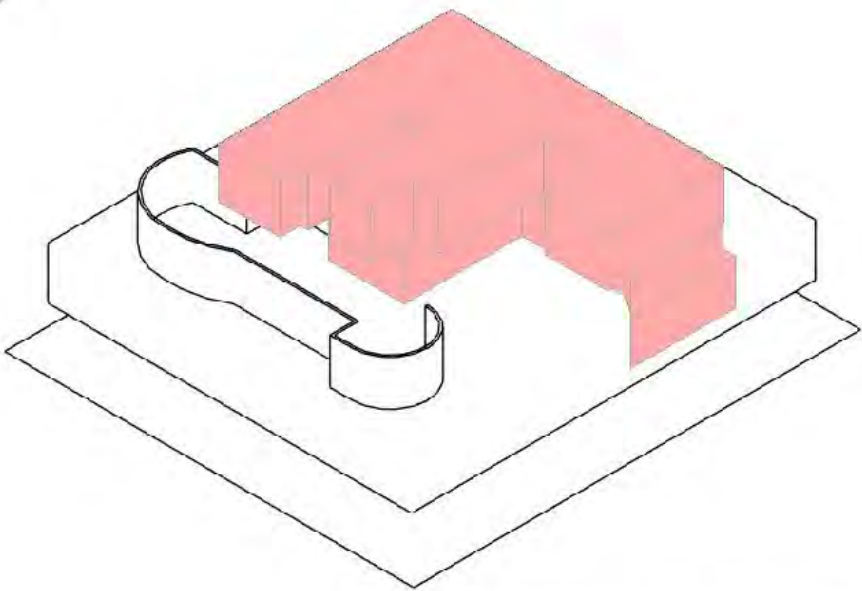
- VERTICAL CIRCULATION - STAIRS AND RAMPS
- HORIZONTAL CIRCULATION PER FLOOR

CIRULATION DIAGRAM



- VERTICAL STRUCTURAL SUPPORT - COLUMNS
- HORIZONTAL STRUCTURAL SUPPORT- BEAMS AND FLOOR PLATES

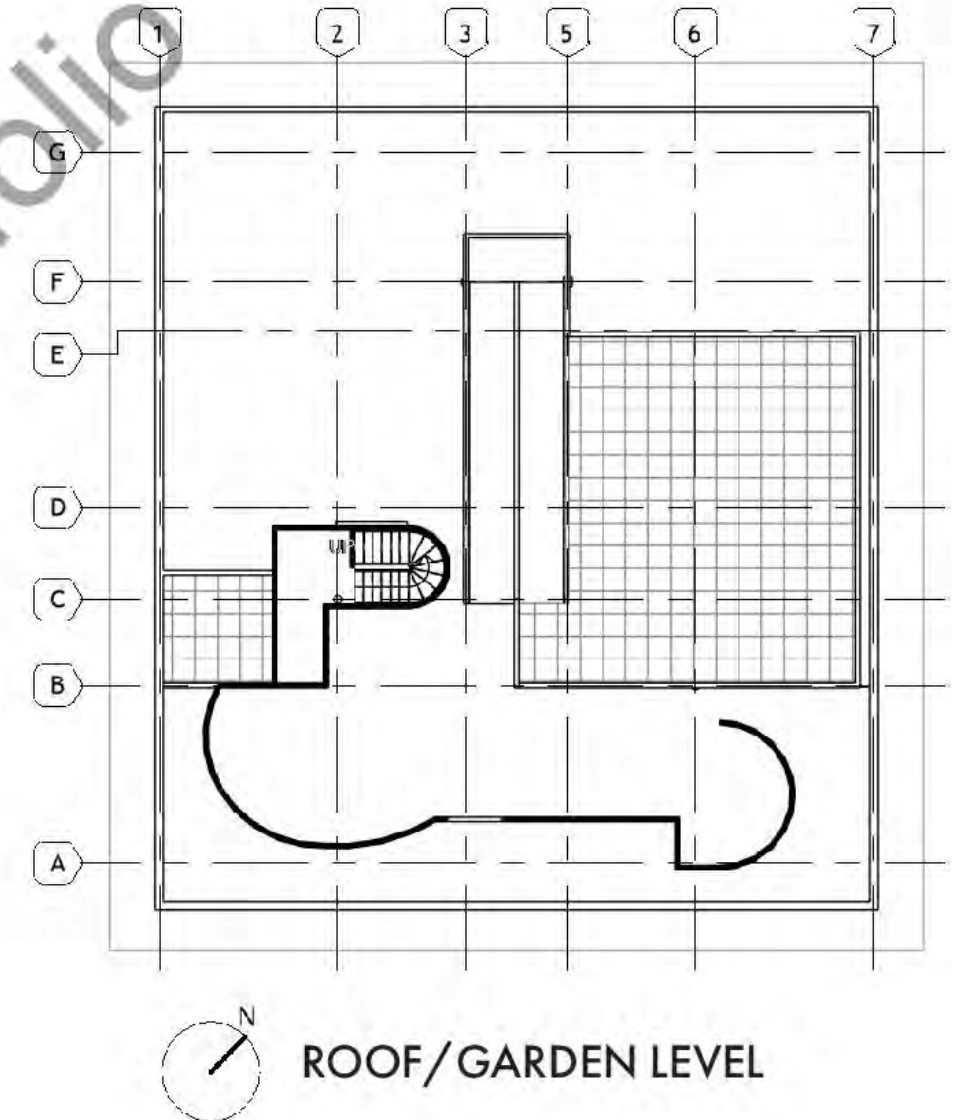
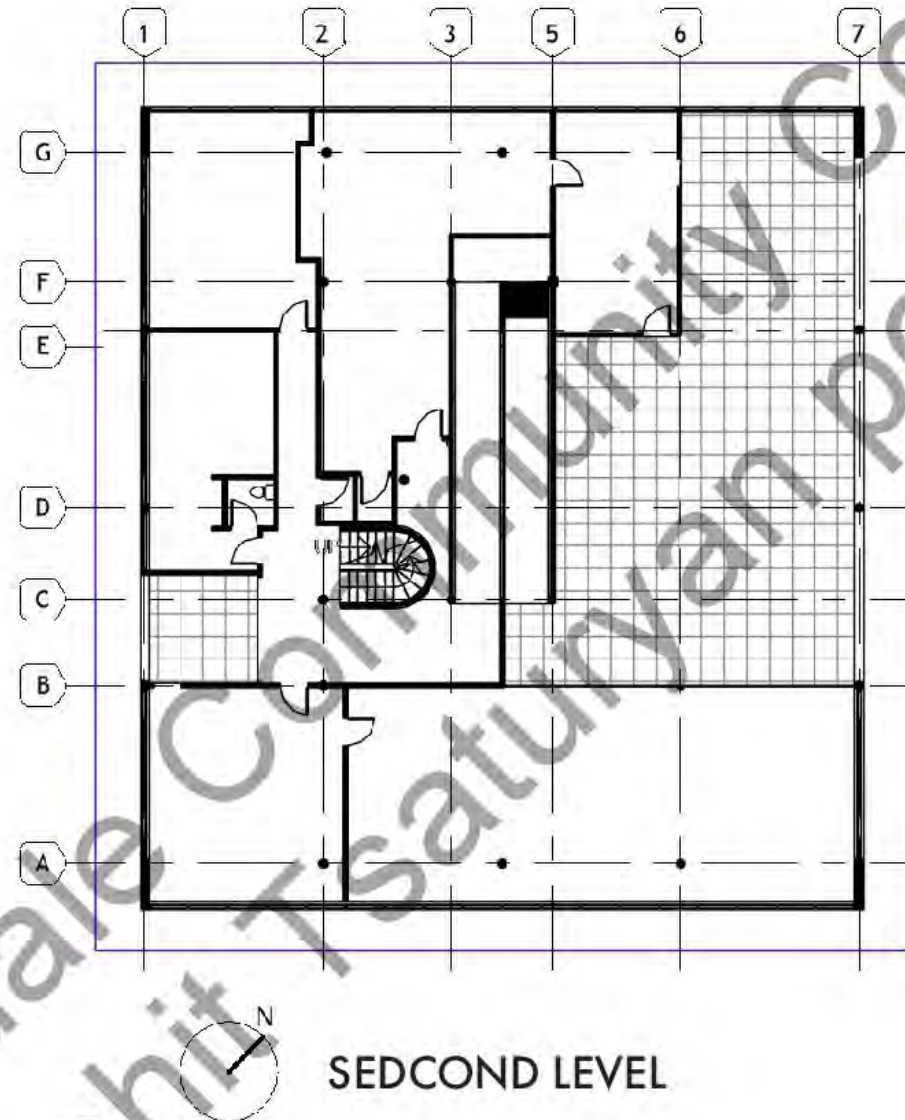
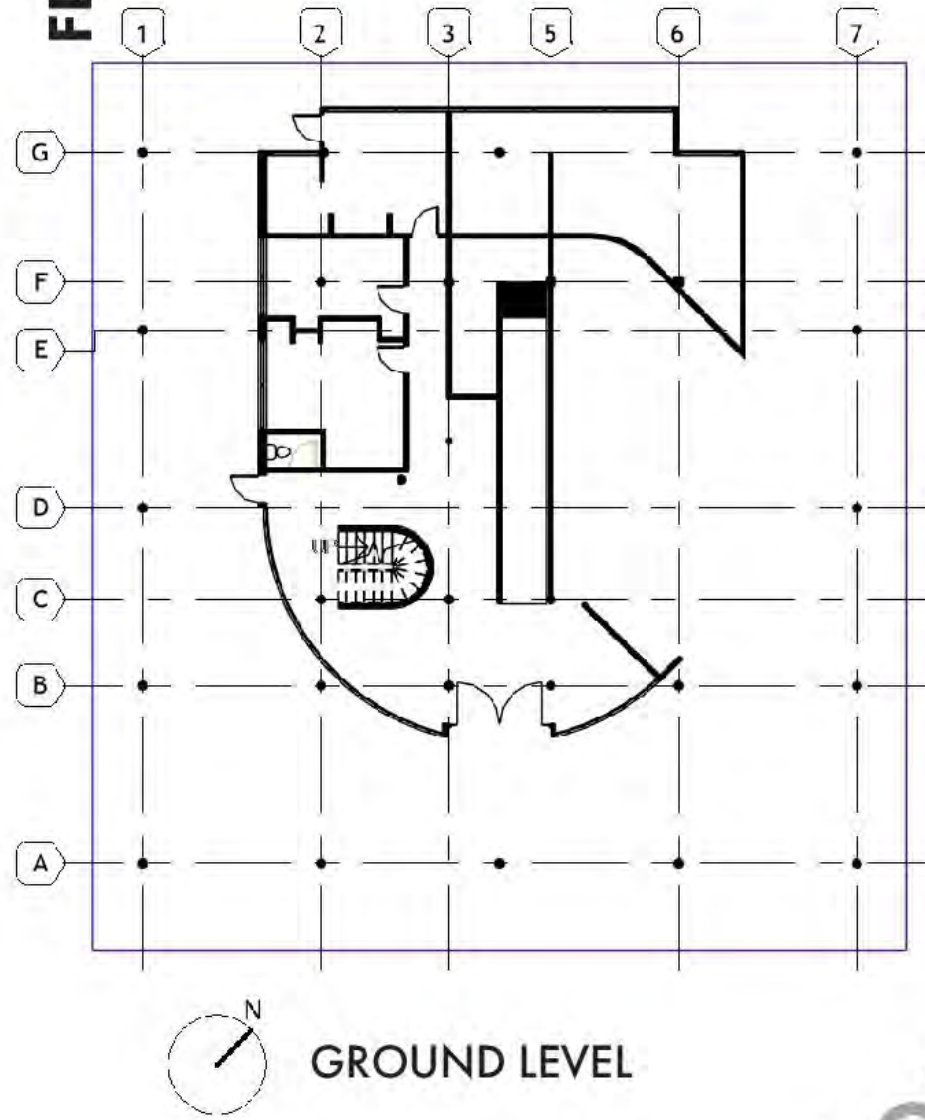
STRUCTURAL DIAGRAM

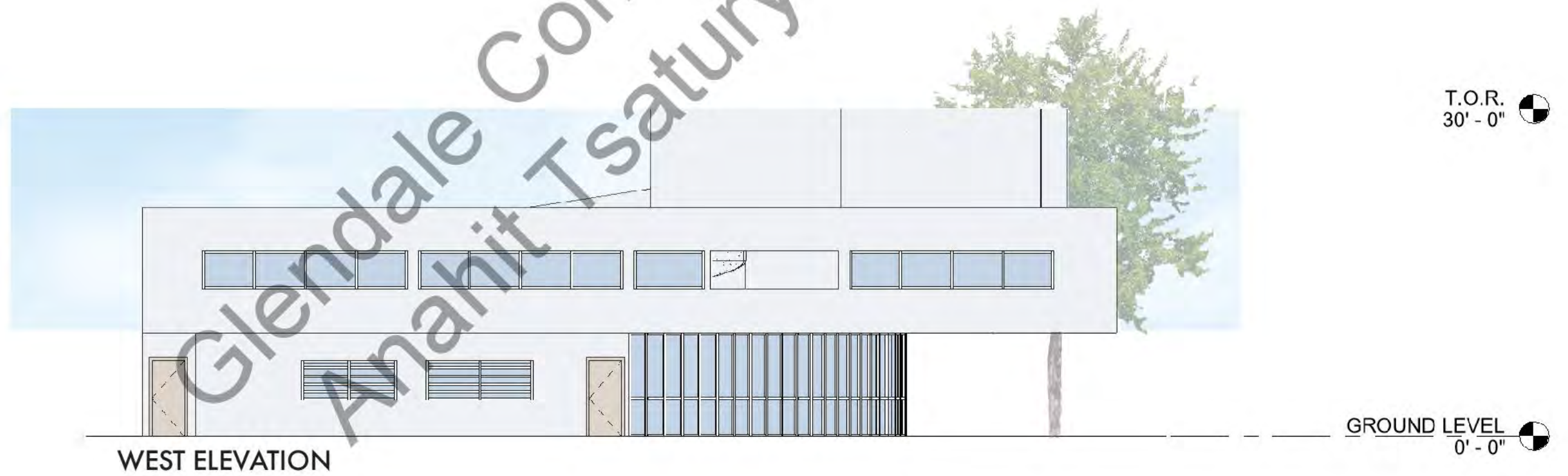
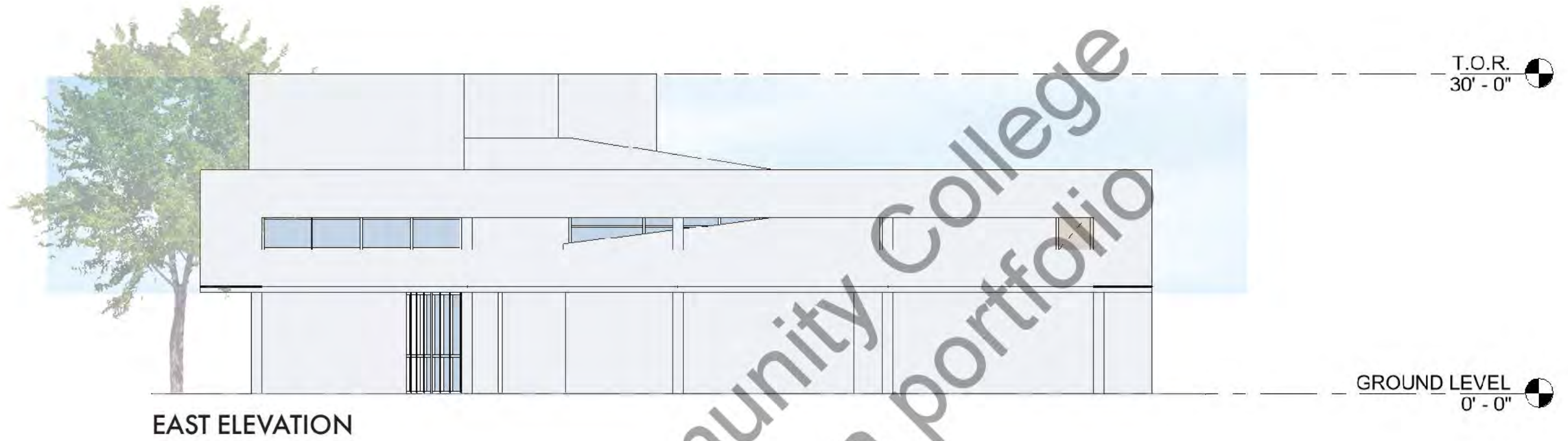


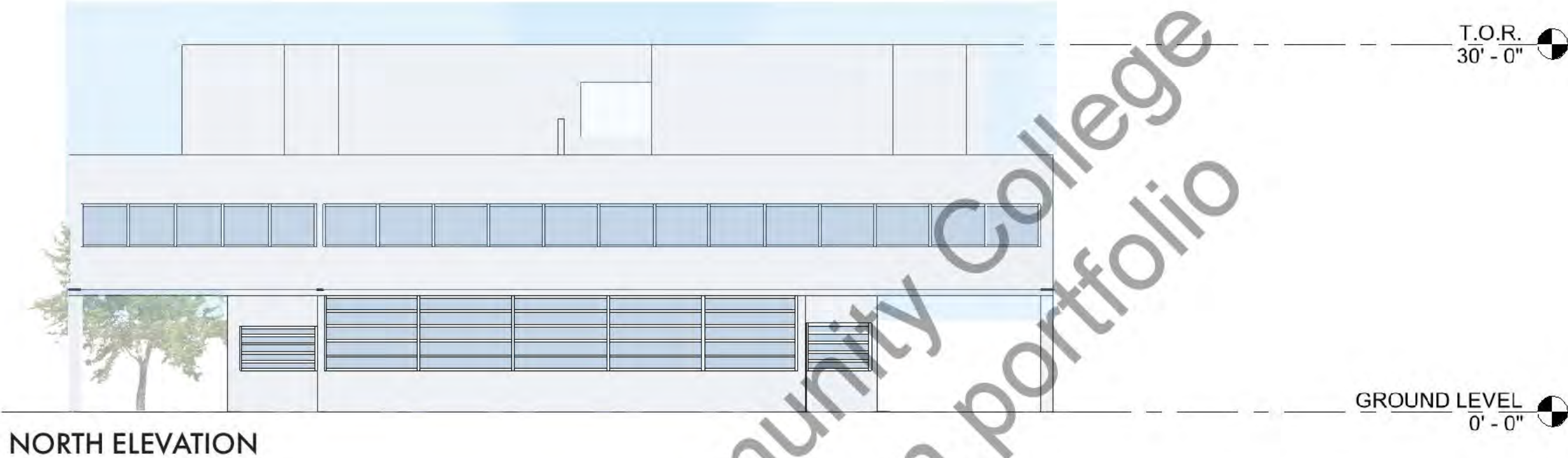
- PUBLIC PROGRAMS - LIVING ROOMS, KITCHEN, GARDEN, PARKING
- PRIVATE PROGRAMS - BEDROOMS AND BATHROOMS

PROGRAM DIAGRAM

FLOOR PLANS







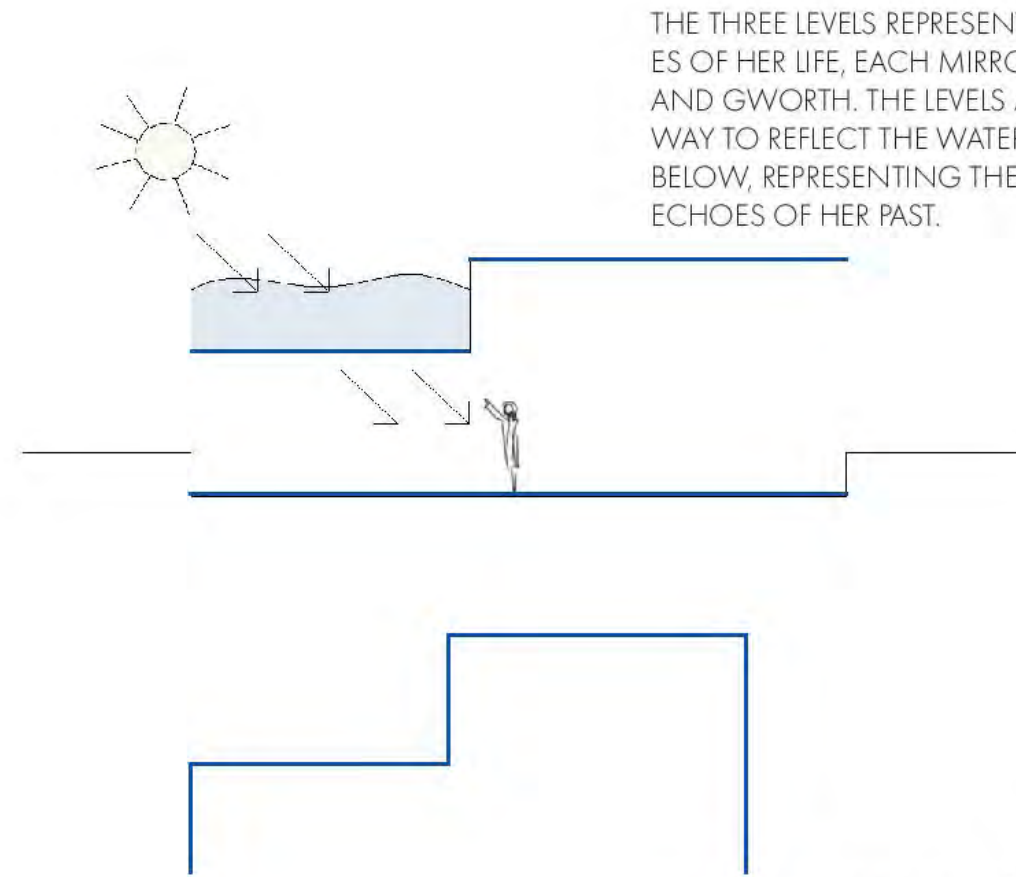
CUSTOM HOUSE FOR ELLIE COLE

RESIDENTIAL DESIGN PROJECT

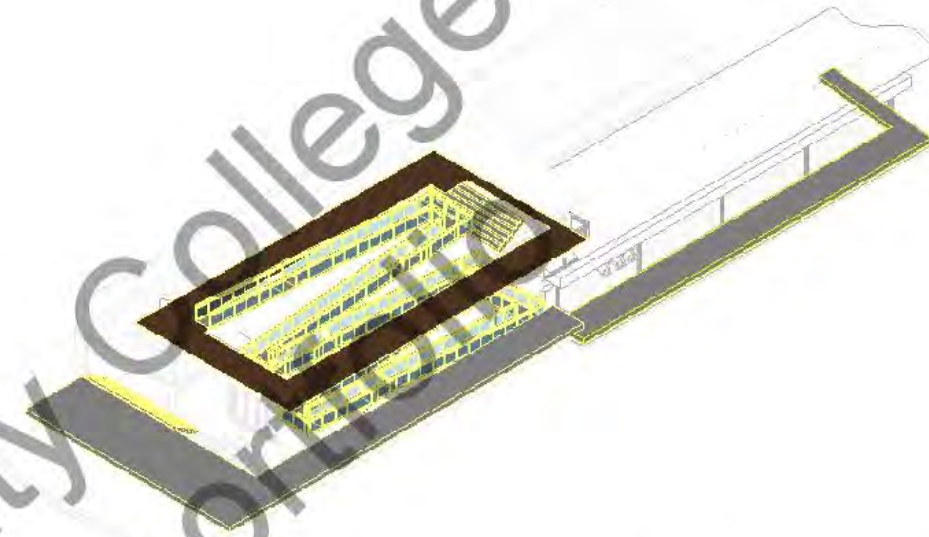
This house is designed for Ellie Cole, an Australian Paralympic swimmer and a multiple-time medalist. Born on December 12, 1991, she lost her right leg to cancer, a rare type of sarcoma, at the age of three. Despite this early challenge, she took up swimming as part of her rehabilitation and quickly developed into an elite athlete. By the time of the 2020 Tokyo Paralympics, she became the most decorated Australian female Paralympian in history, with 17 Paralympic medals across four Games.

The goal of this house is to reflect on her legacy and show the different stages of her life. The house is ADA compliant for her needs.

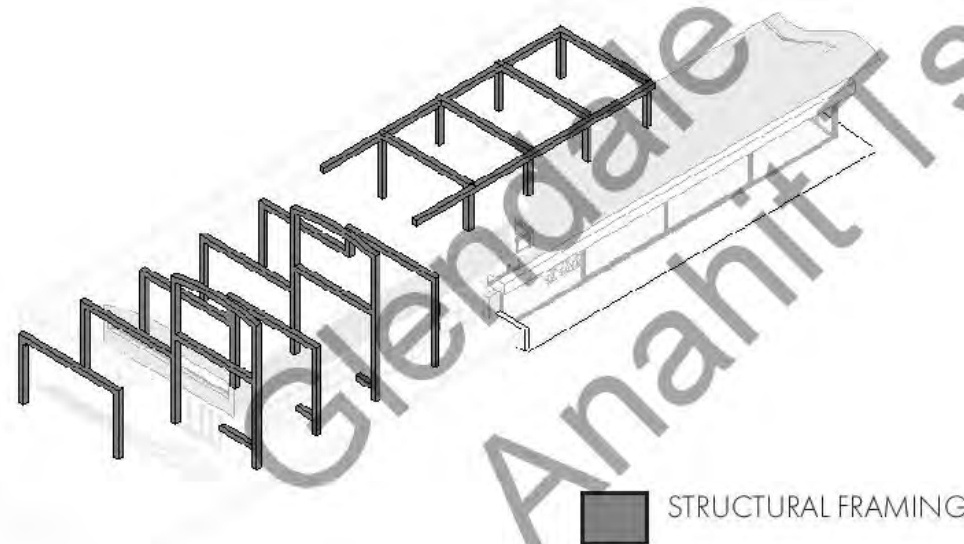




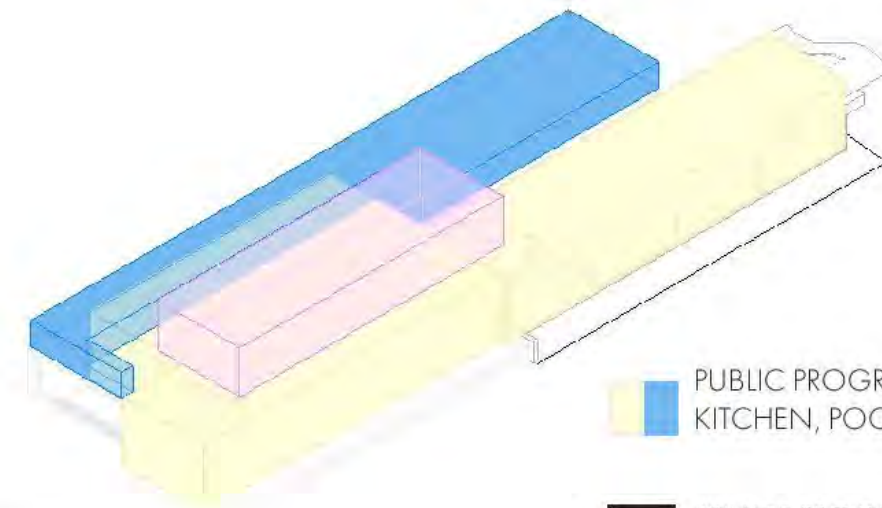
CONCEPT DIAGRAM



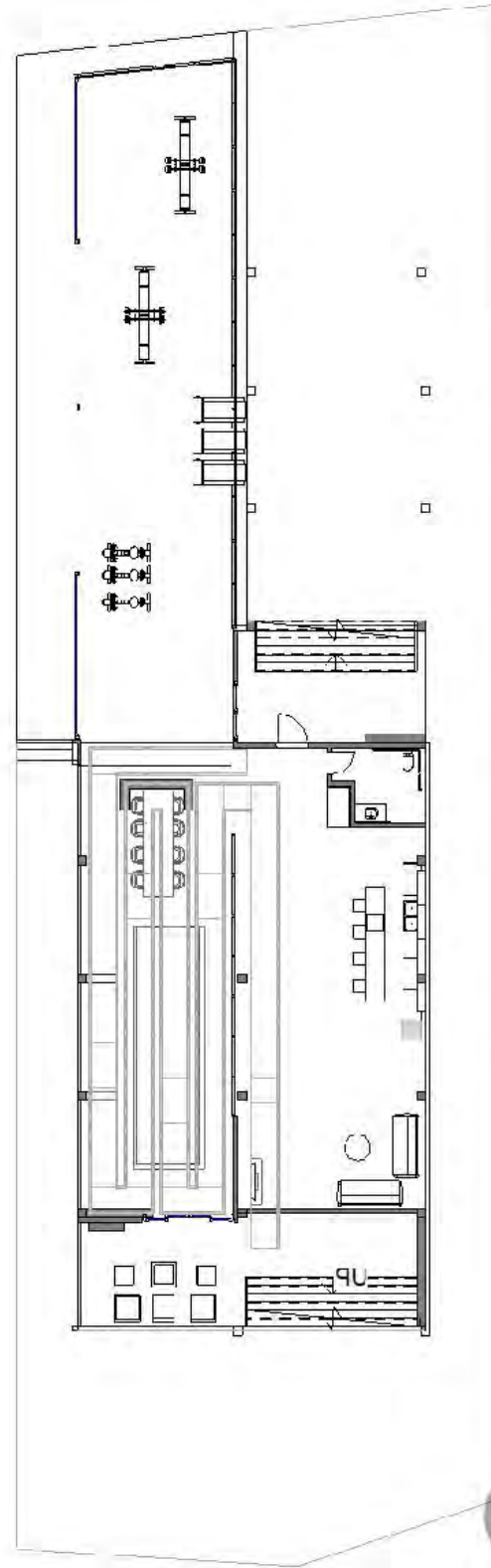
CIRCULATION DIAGRAM



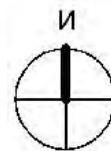
STRUCTURAL DIAGRAM



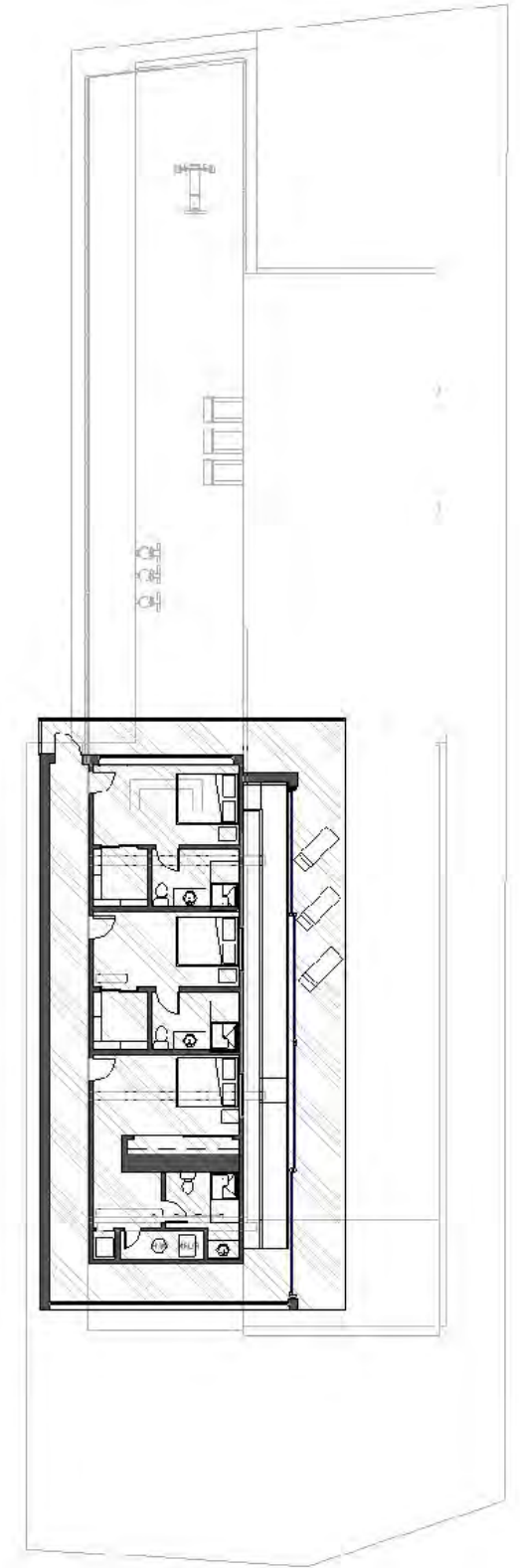
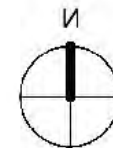
PROGRAM DIAGRAM



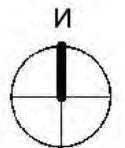
UNDERGROUND LEVEL



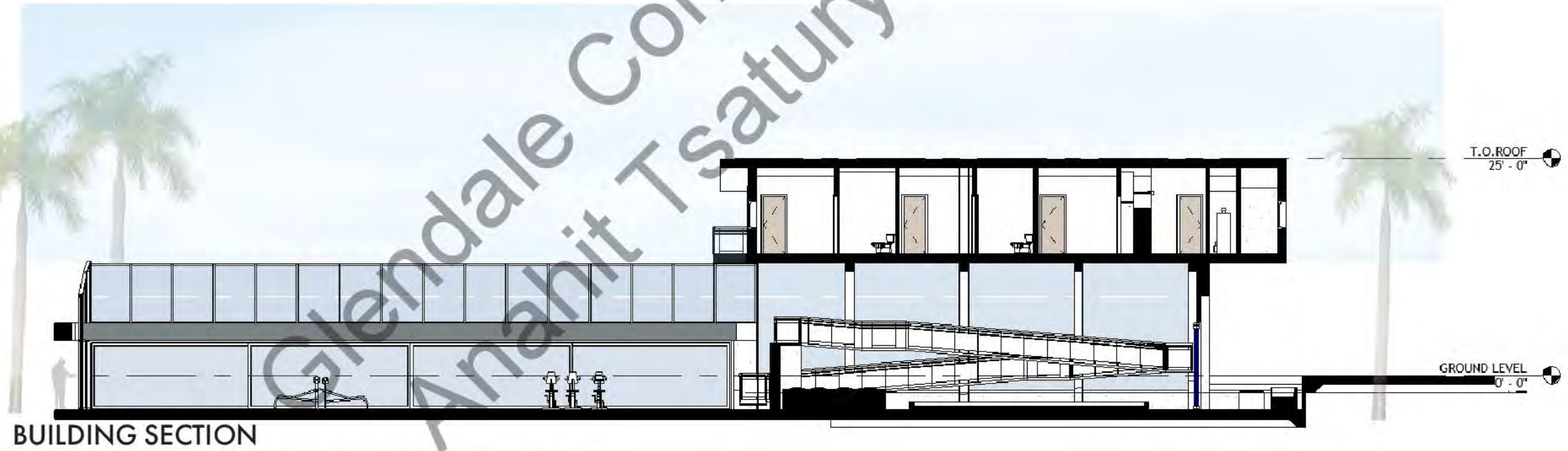
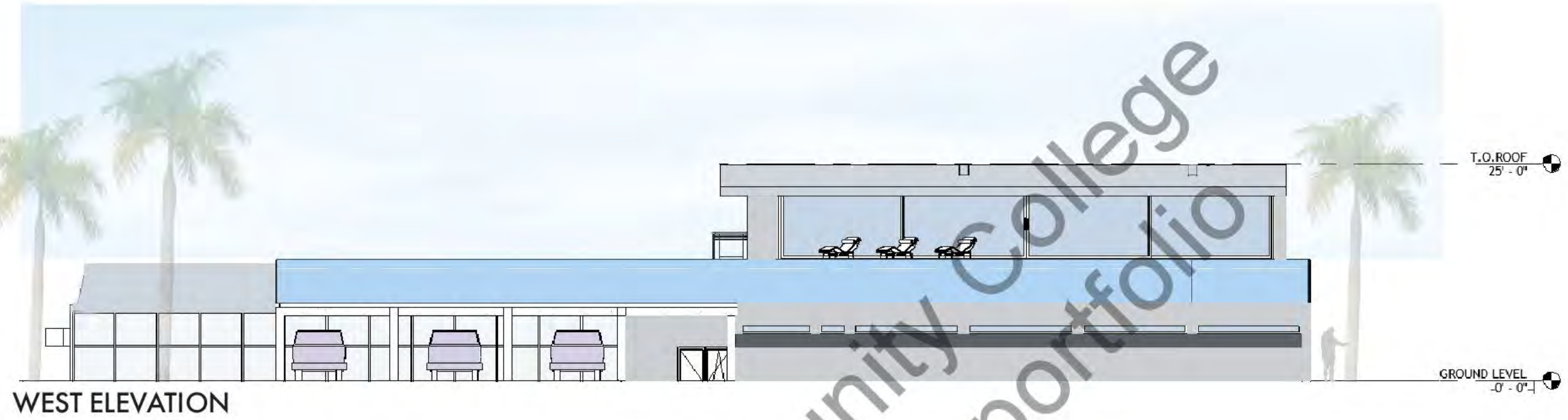
FIRST LEVEL

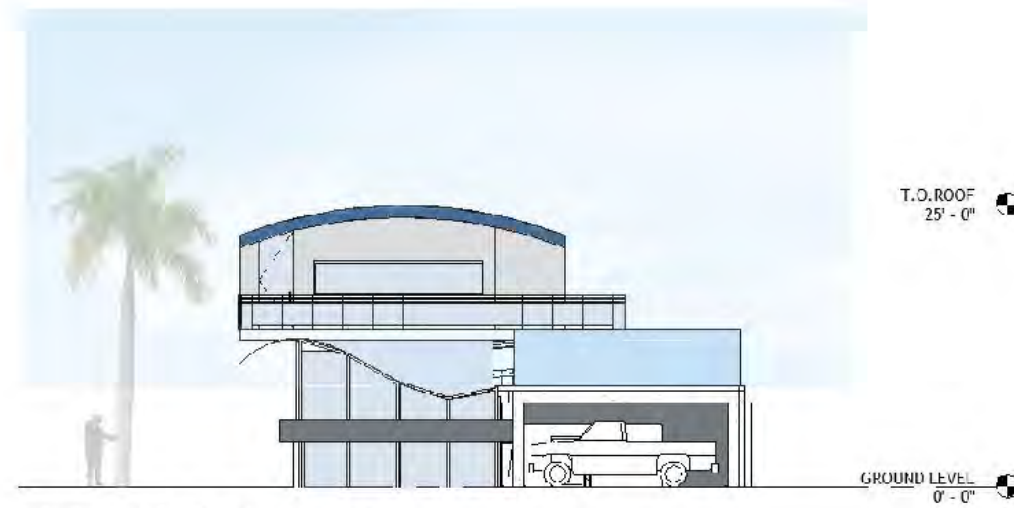


SECOND LEVEL



ELEVATIONS / SECTIONS

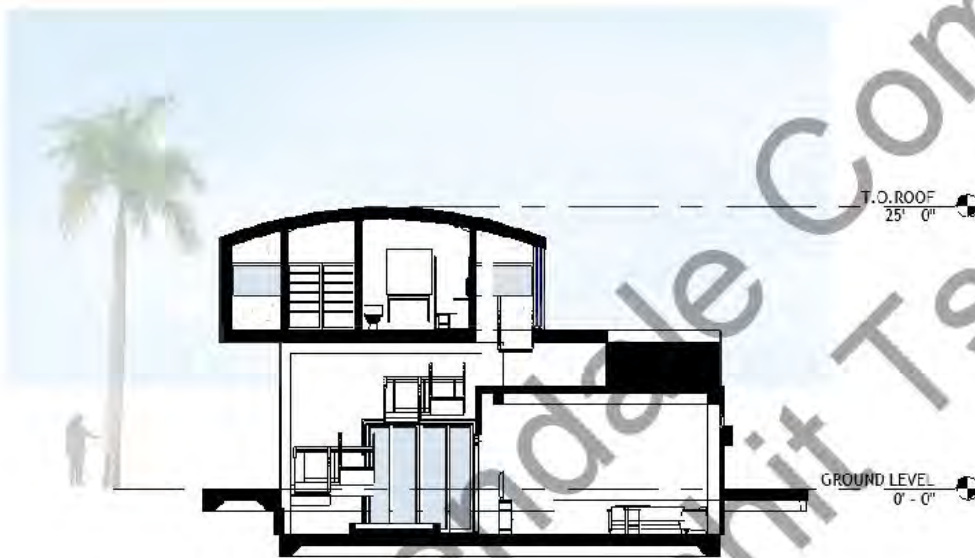




NORTH ELEVATION



SOUTH ELEVATION



BUILDING SECTION



BUILDING SECTION

ELEVATIONS/SECTIONS



PARALYMPIC TRAINING CENTER

RESIDENTIAL DESIGN PROJECT

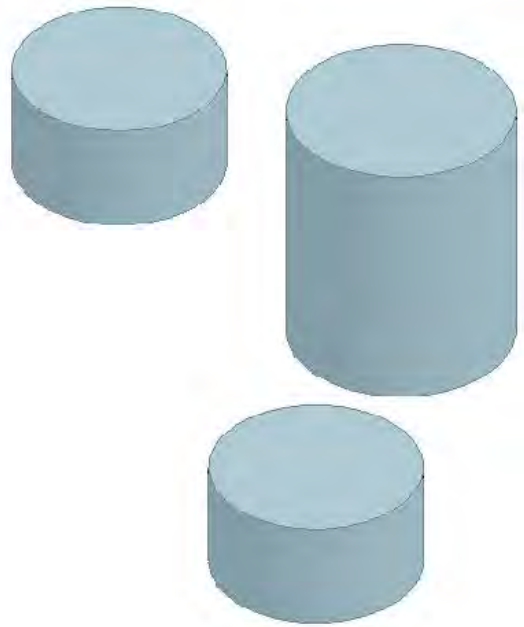
The goal of the assignment was to design a fully secure training facility tailored for Paralympic athletes. The building is fully ADA-compliant, with an emphasis on circulation which provides a convenient accessibility throughout. Key features include a media center, administrative offices, a cafeteria, and training facilities such as a swimming pool, gym, and running track. Additionally, the facility includes comfortable living units to support athletes during their training, and promote unity for the diverse occupants.

PARALYMPIC TRAINING CENTER/ARCH 125

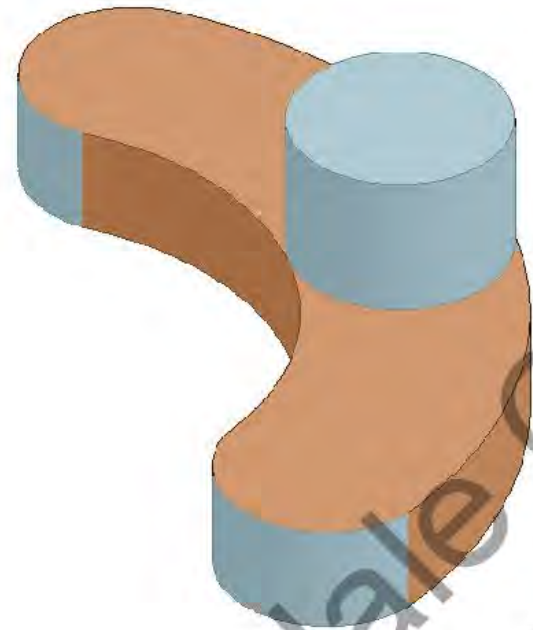
520 Pico Blvd, Los Angeles, CA.



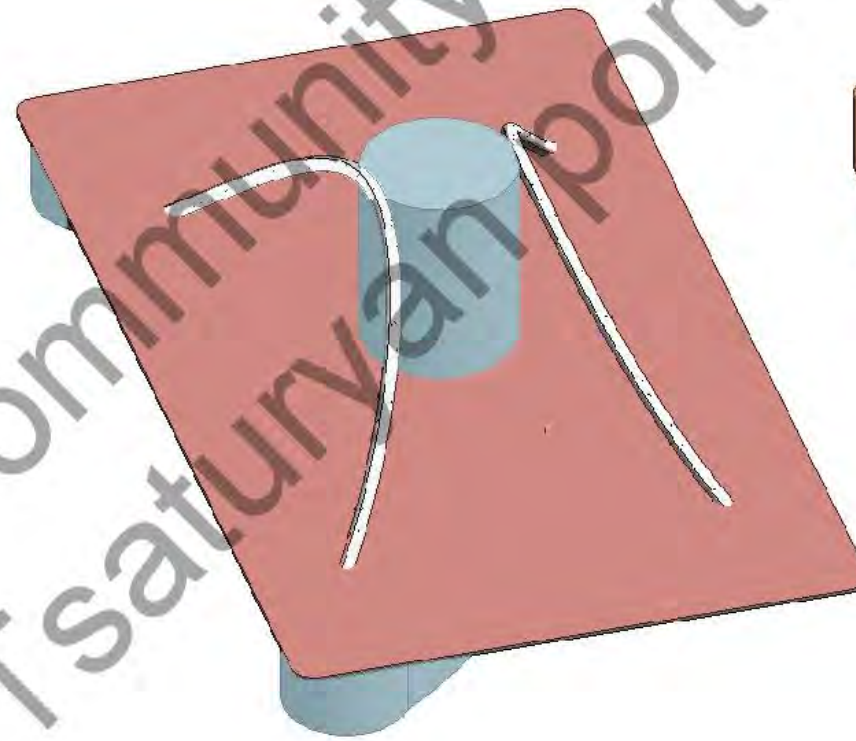
DIAGRAMS



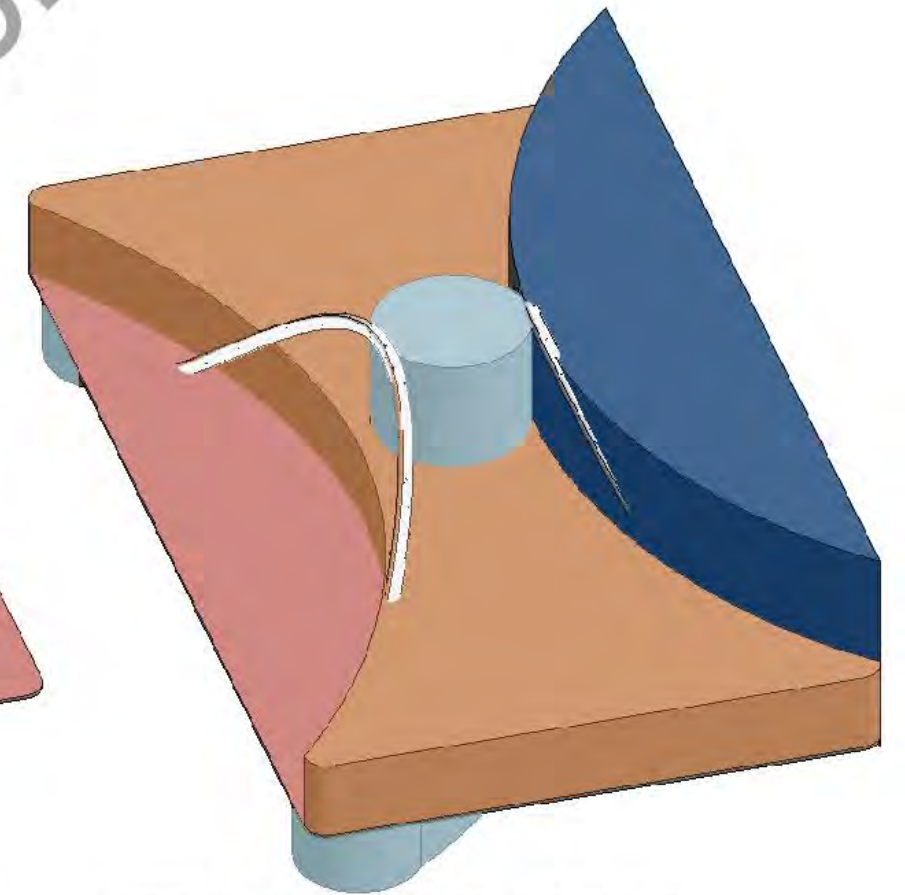
THE INITIAL CONCEPT FOCUSED ON A CENTRALIZED CIRCULATION SYSTEM, FEATURING SEAMLESSLY INTEGRATED CIRCULAR RAMPS TO ENHANCE ACCESSIBILITY AND MOVEMENT THROUGHOUT THE FACILITY.



I THEN MERGED THE CIRCULAR RAMPS, SHAPING THE FORM WHICH INSPIRED ME TO TRANSFORM THE BUILDING INTO THE SHAPE OF A BASKETBALL.

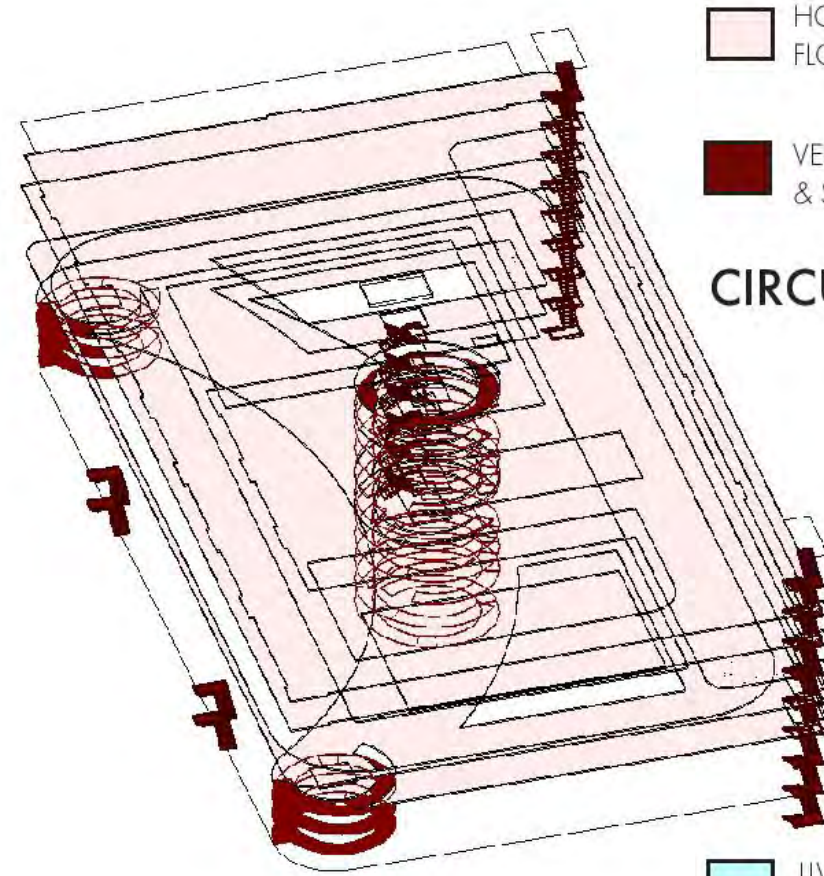


AS I ADDED THE STRUCTURAL MASS, THE SHAPE OF THE BASKETBALL BECAME MORE EVIDENT, HIGHLIGHTING THE FUNCTION RELATIVE TO THE LOOK.



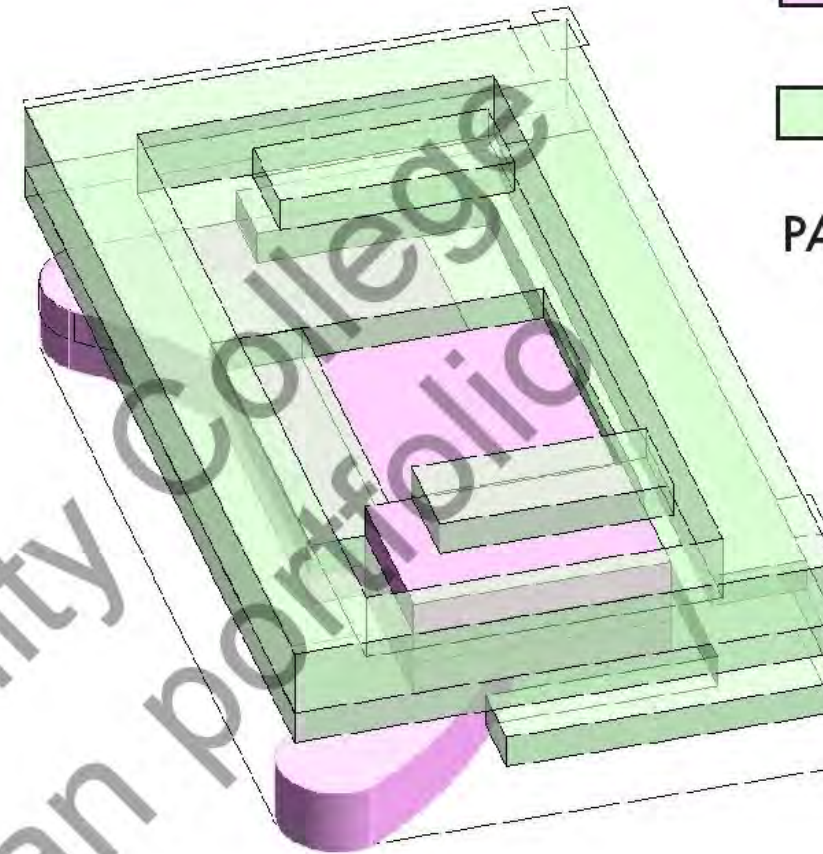
LASTLY, I INCORPORATED LIVING UNITS AND TRAINING FACILITIES, FULLY REALIZING AND COMPLETING THE DESIGN CONCEPT.

CONCEPT DIAGRAM



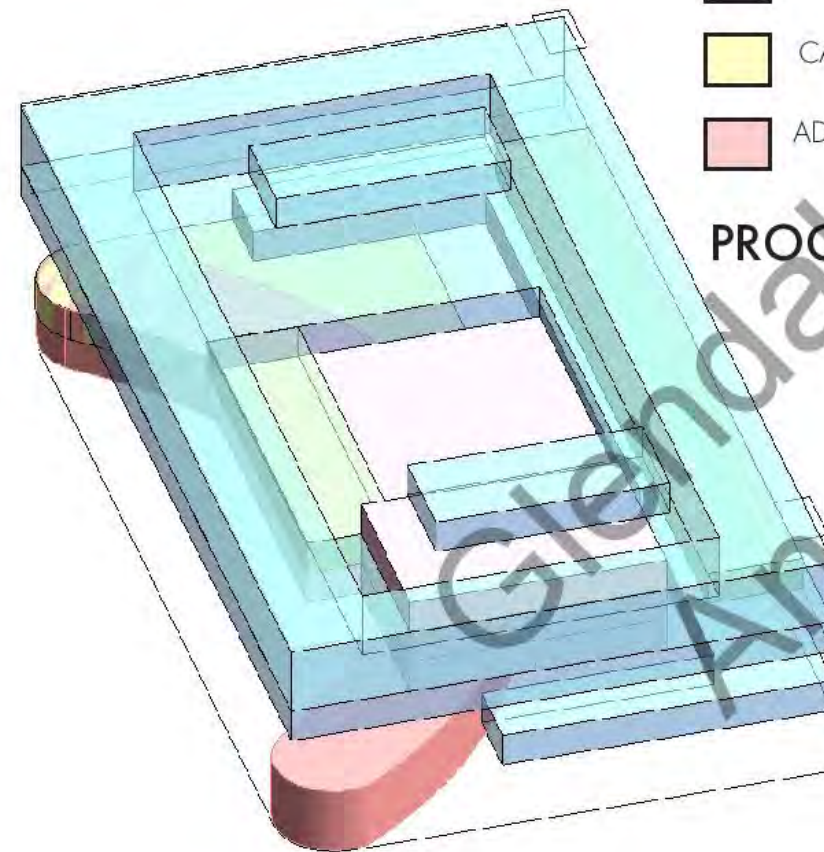
- HORIZONTAL CIRCULATION PER FLOOR
- VERTICAL CIRCULATION -ADA RAMPs & STAIRS

CIRCULATION DIAGRAM



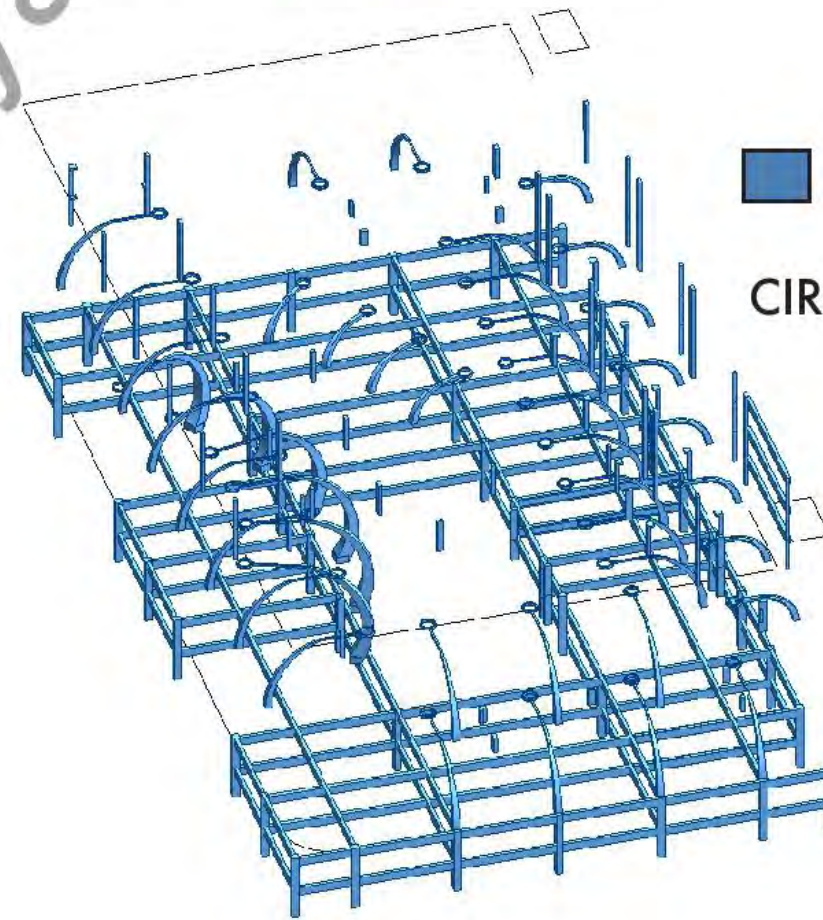
- PUBLIC USE
- PRIVATE USE - HOUSING

PARTI DIAGRAM



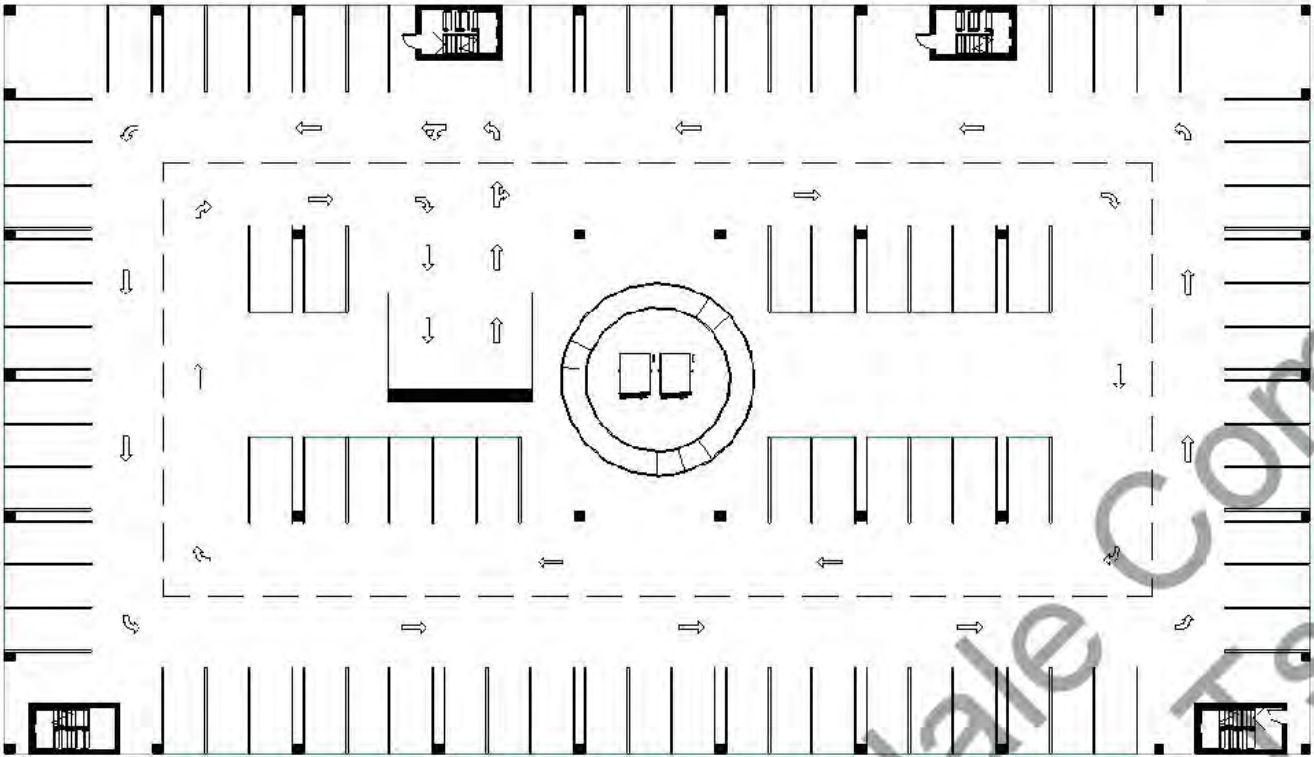
- LIVING UNITS
- TRAINING FACILITIES
- CAFETERIA
- ADMINISTRATION/MEDIA CENTER

PROGRAM DIAGRAM

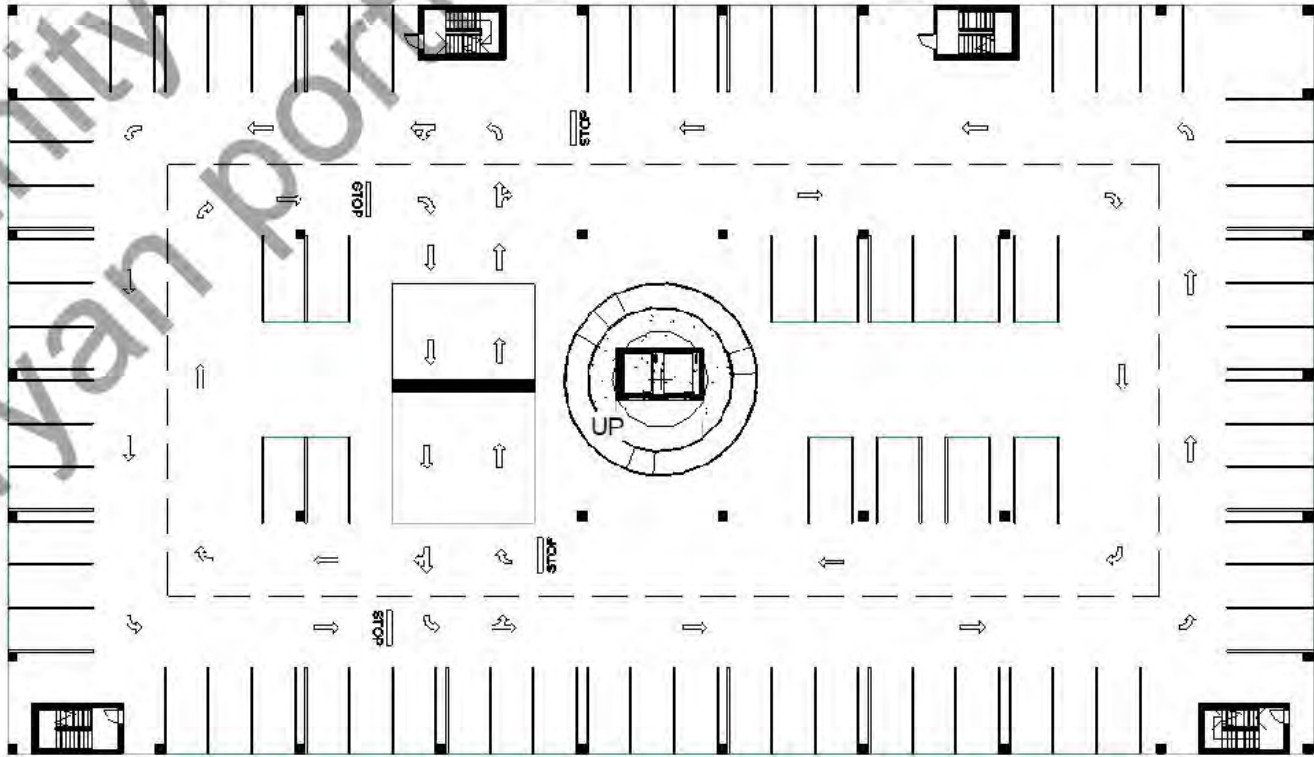


- STRUCTURAL FRAMING
- CIRCULATION DIAGRAM

FLOOR PLANS

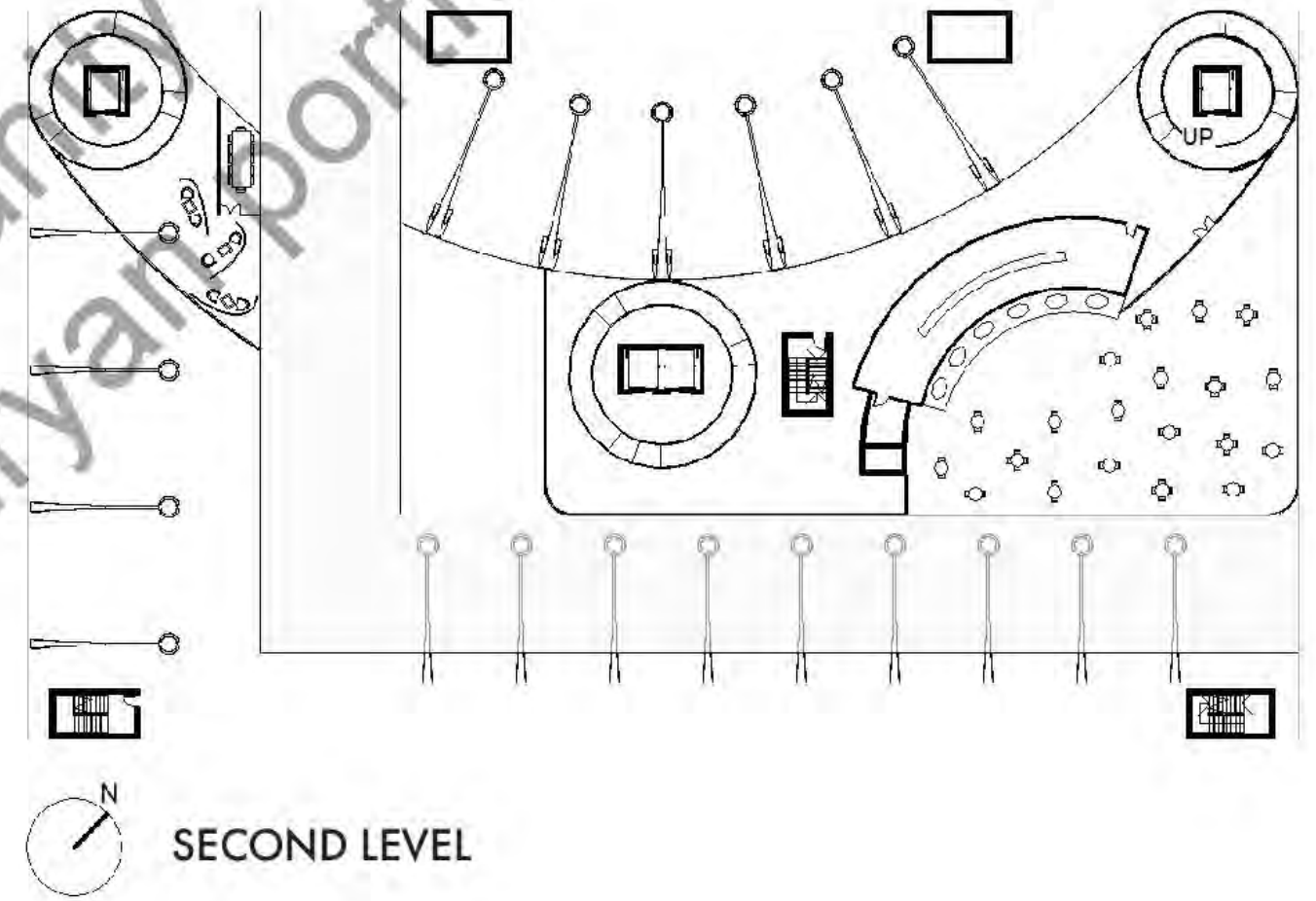
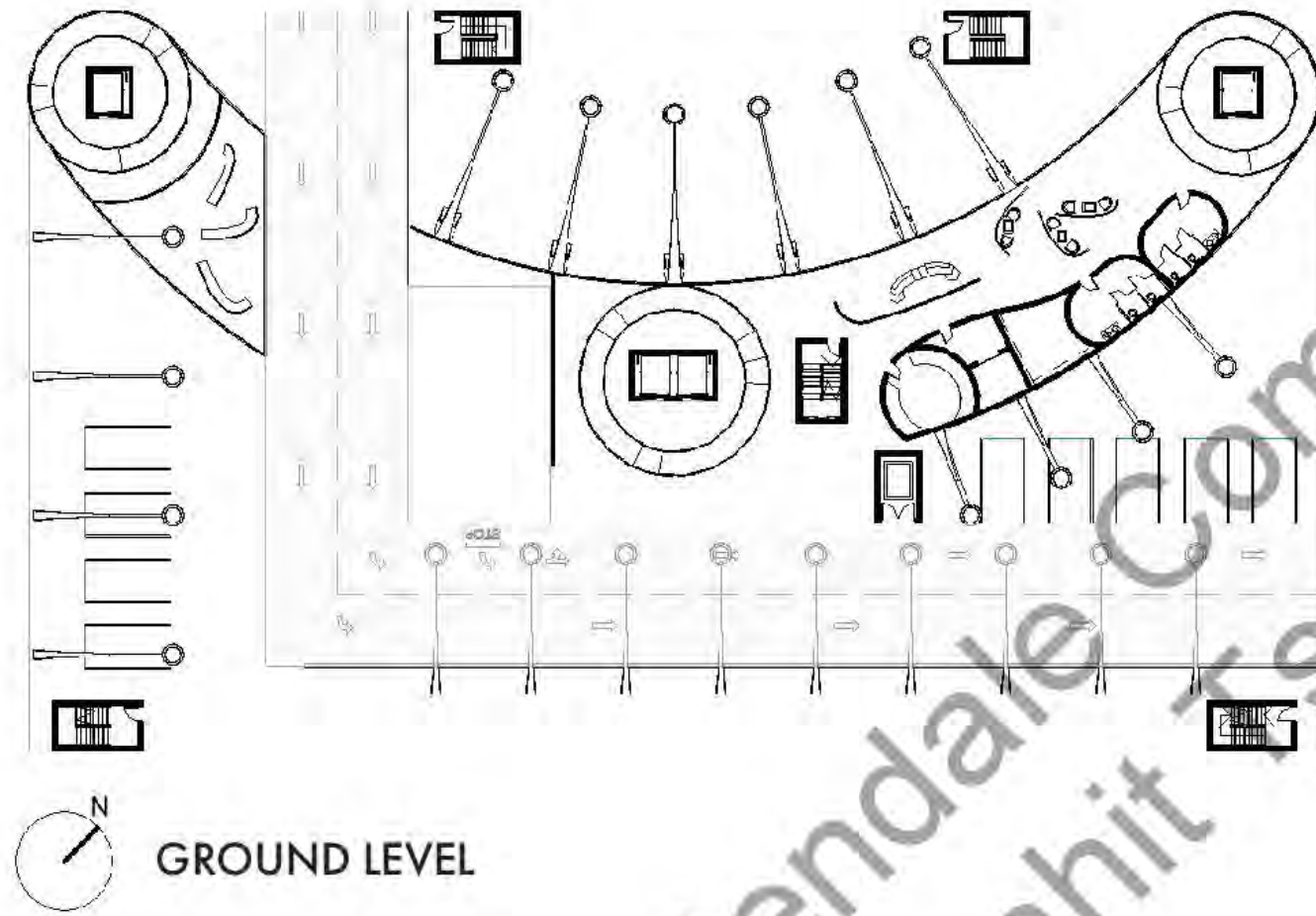


PARKING LEVEL 2

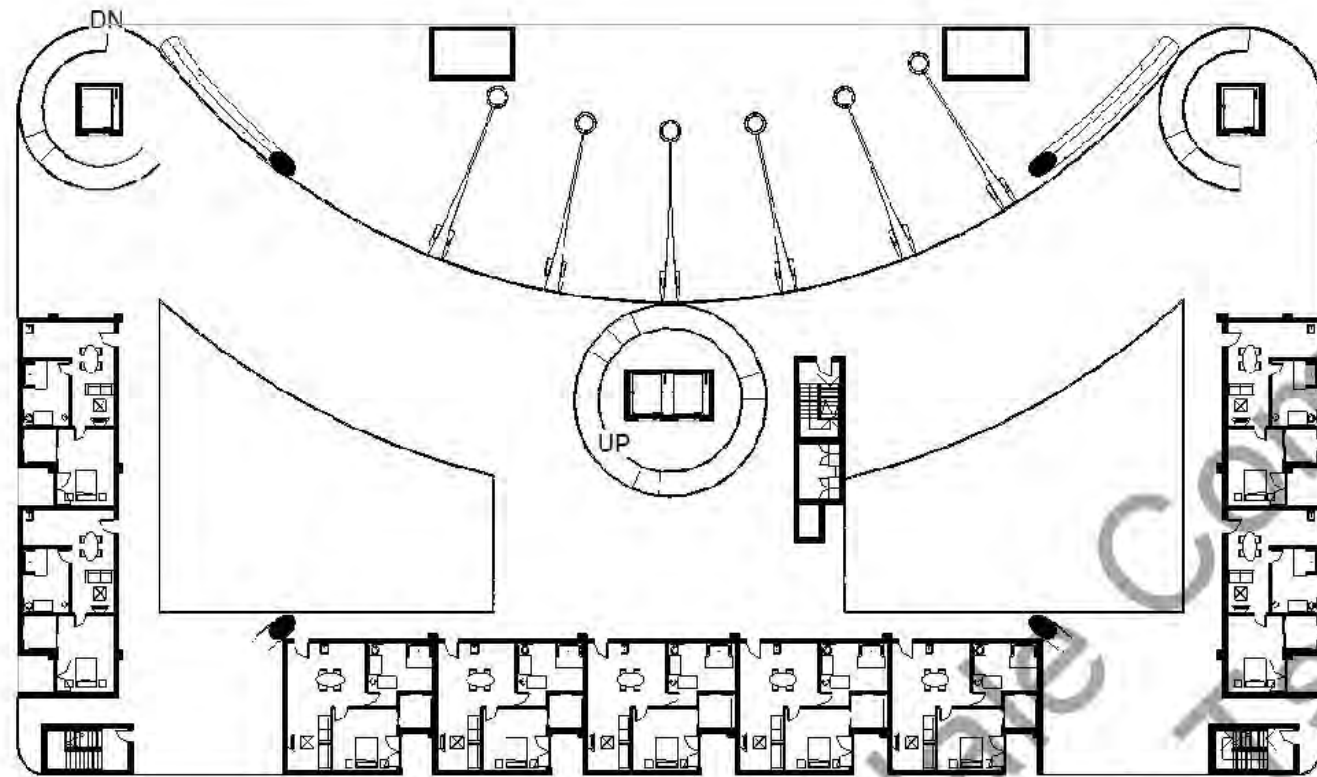


PARKING LEVEL 1

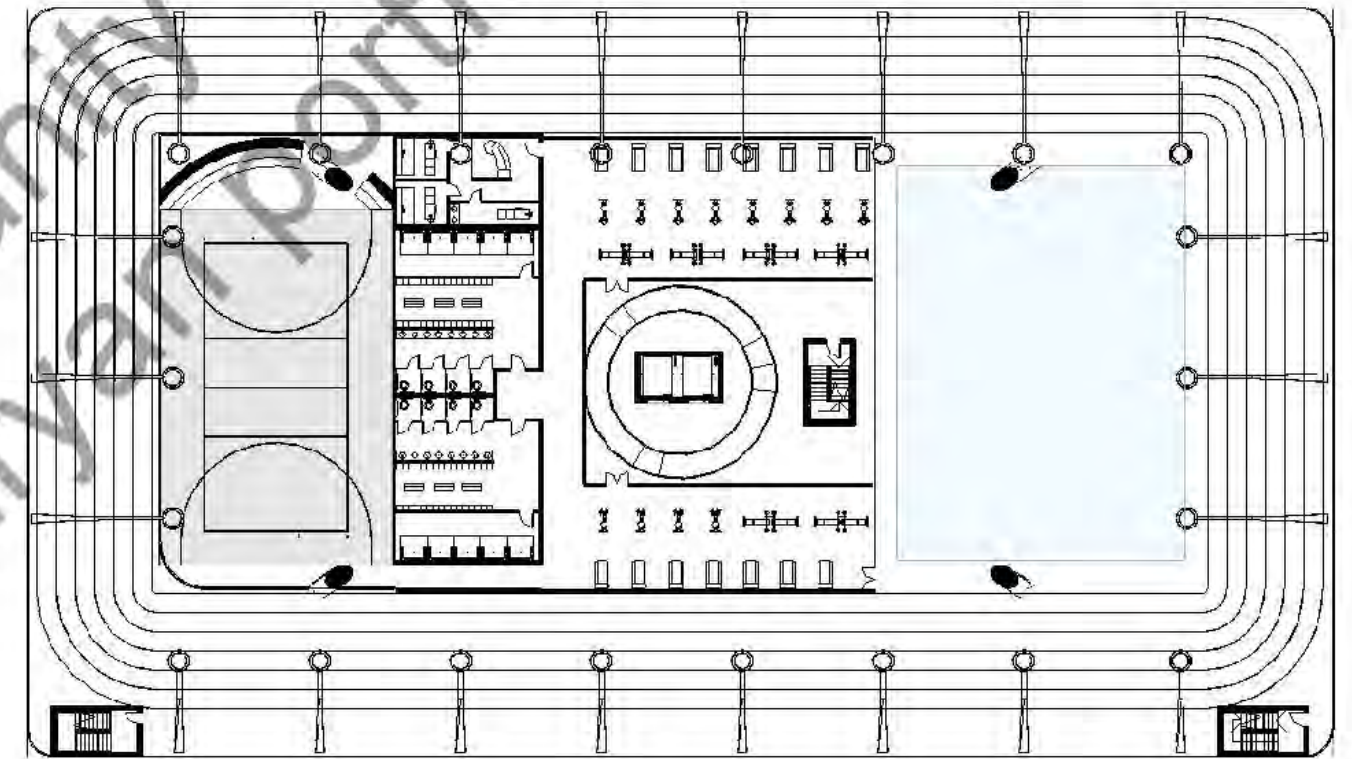
FLOOR PLANS



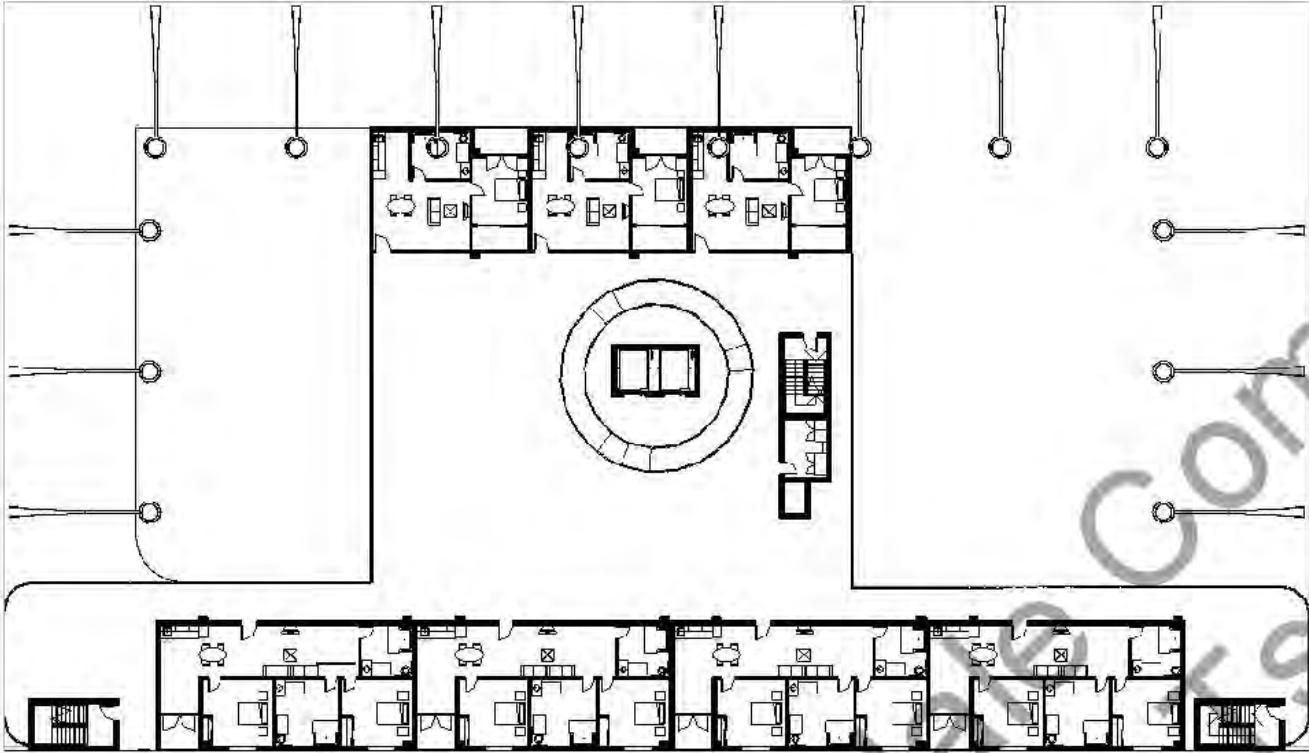
FLOOR PLANS



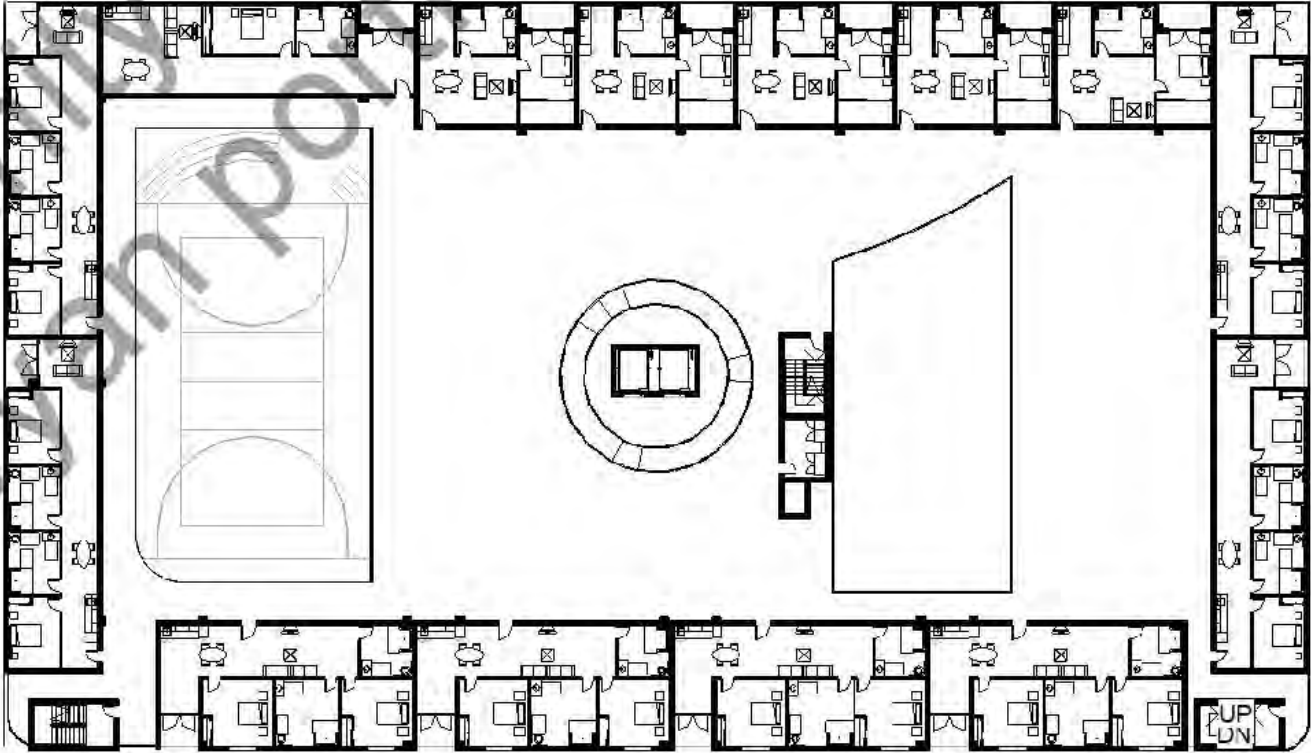
THIRD LEVEL



FOURTH LEVEL

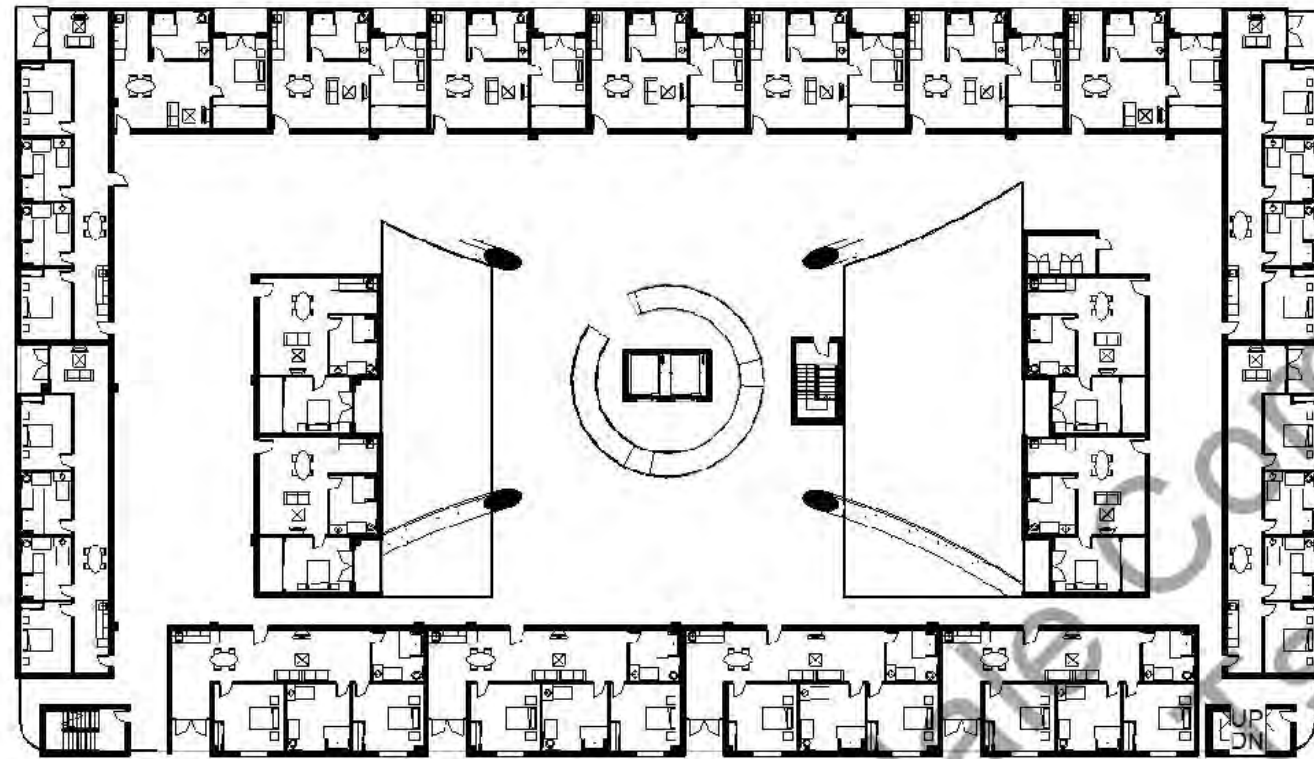


FIFTH LEVEL

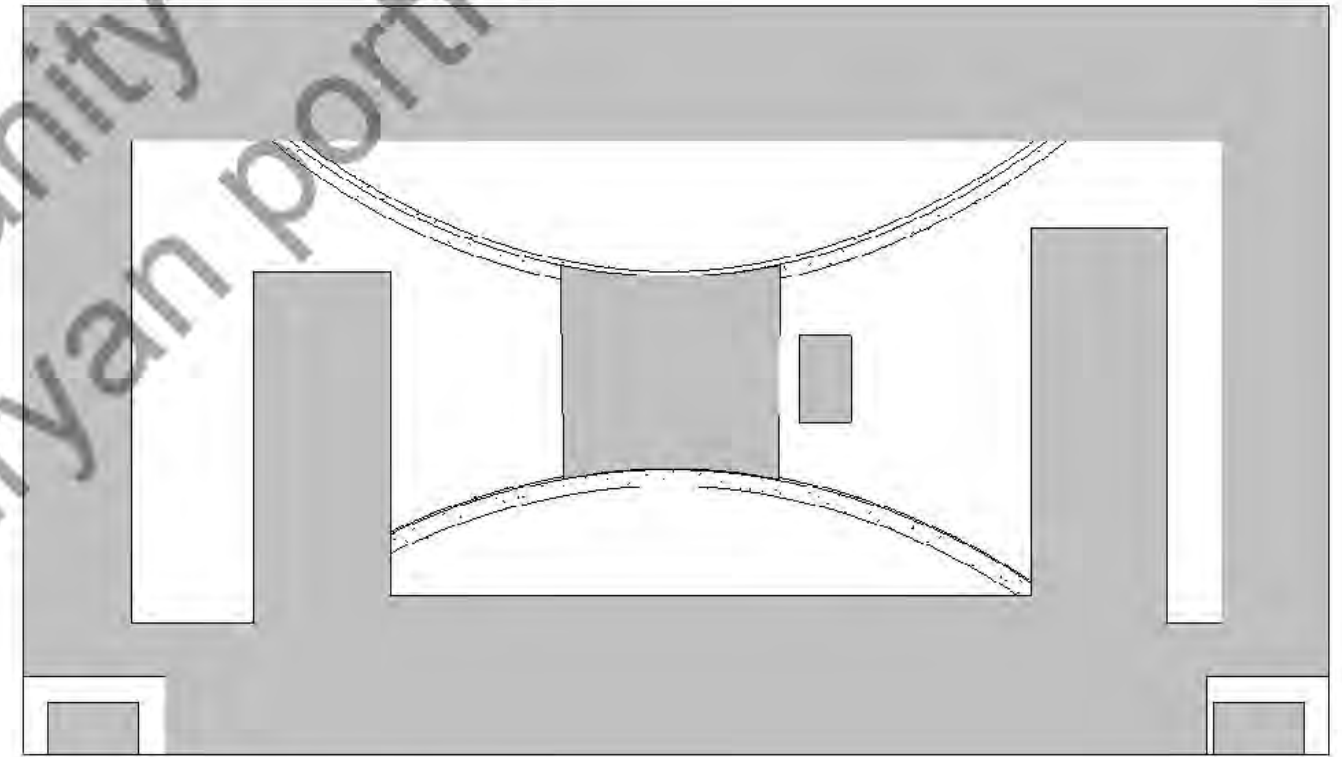


SIXTH LEVEL

FLOOR PLANS/ROOF PLAN



SEVENTH LEVEL



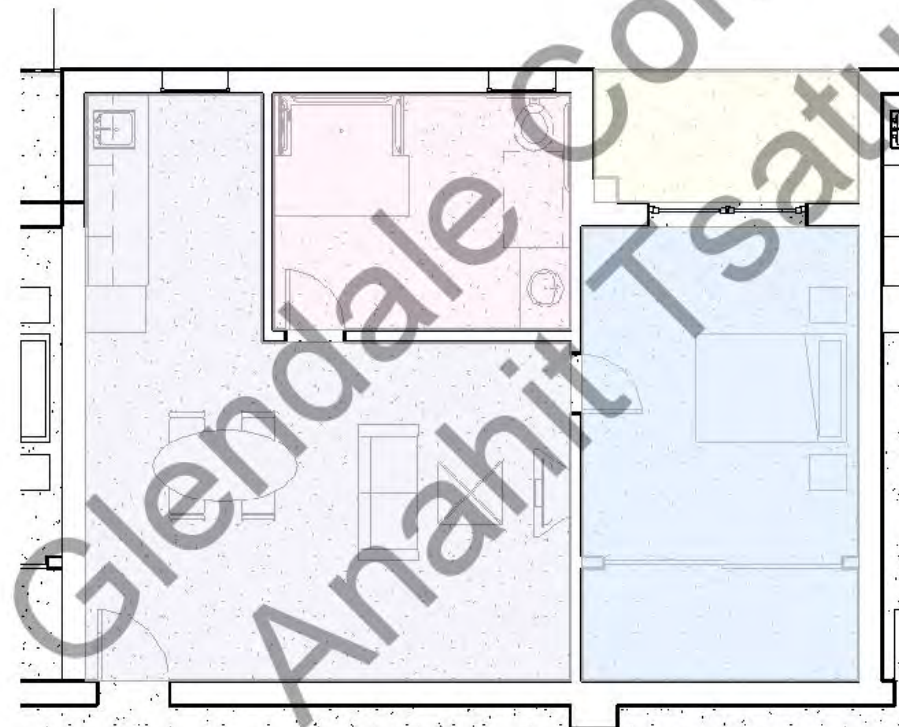
ROOF PLAN

ENLARGED UNITS



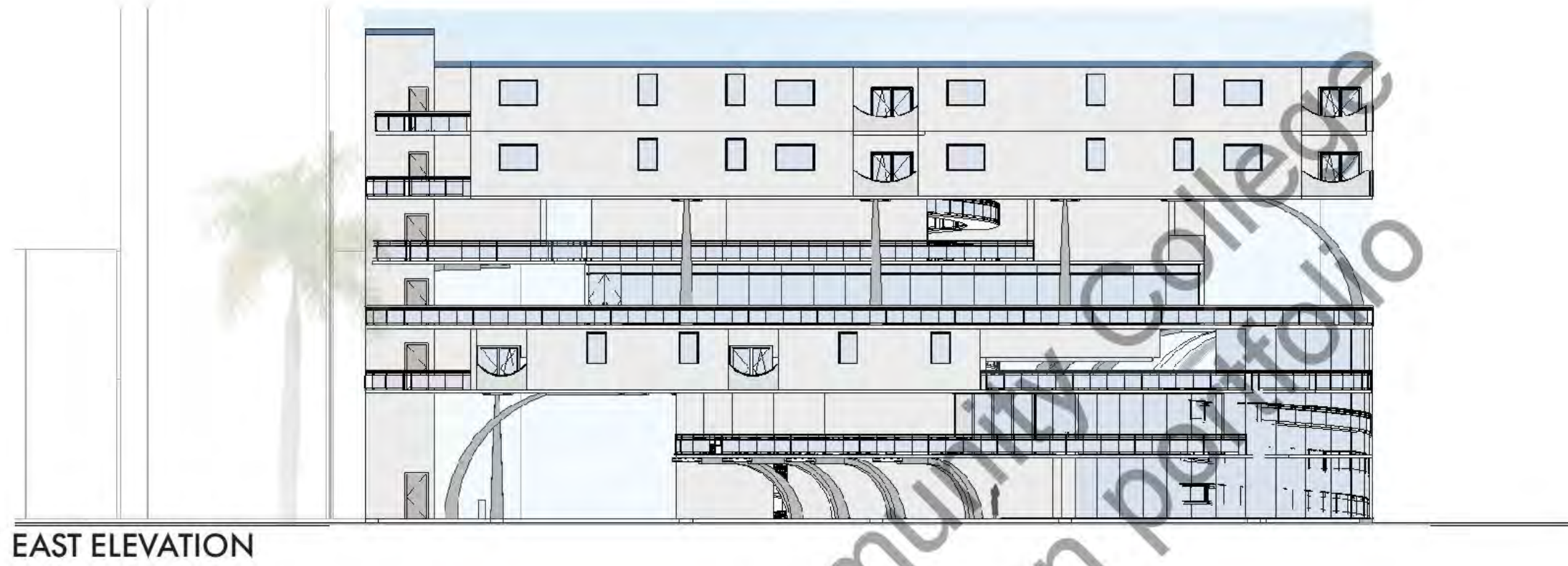
TWO-BEDROOM UNIT

- BEDROOM
- BATHROOM
- KITCHEN/LIVING
- BALCONY

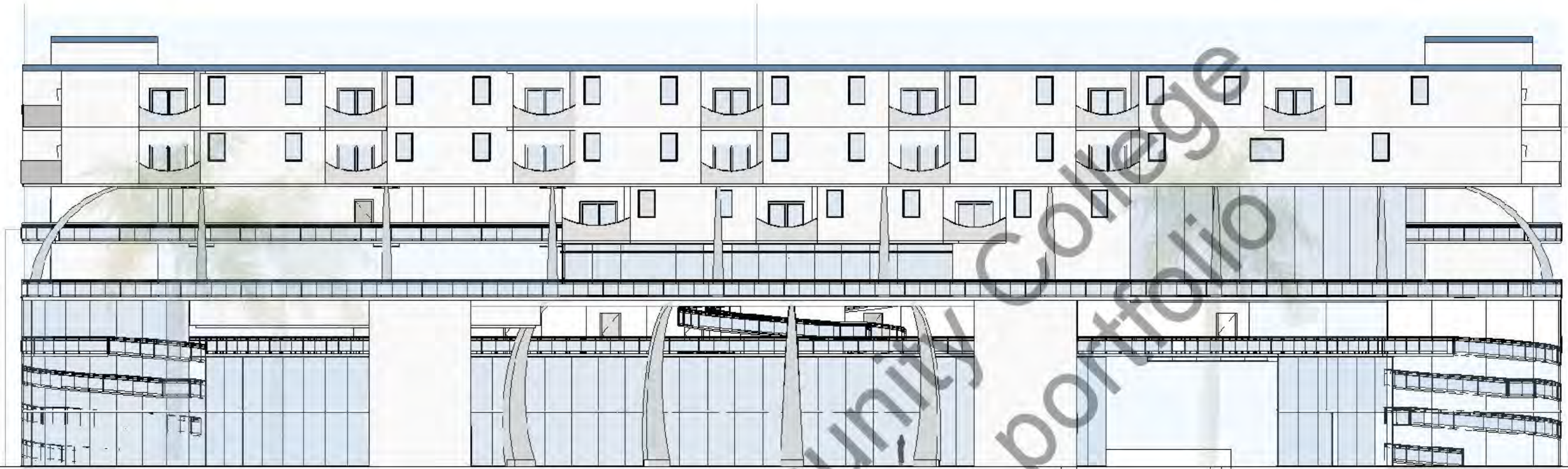


ONE-BEDROOM UNIT

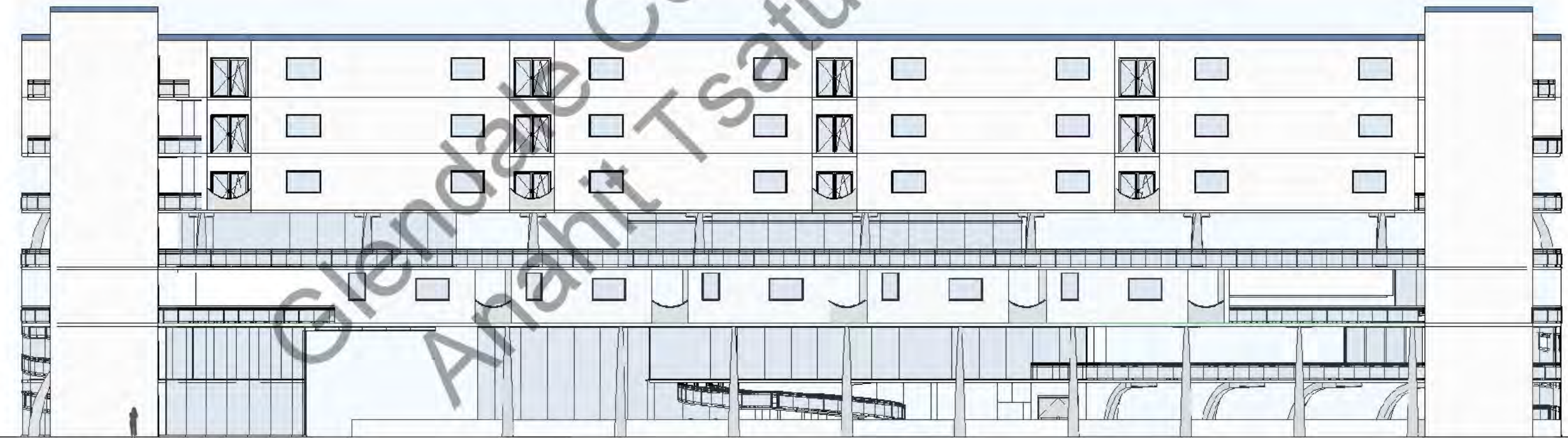
ELEVATIONS



ELEVATIONS



NORTH ELEVATION

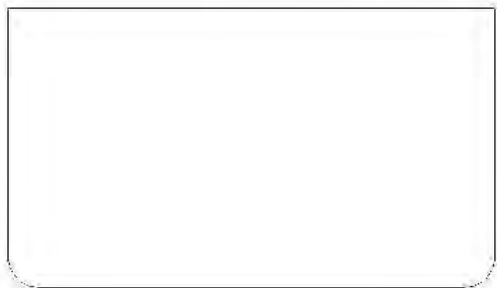


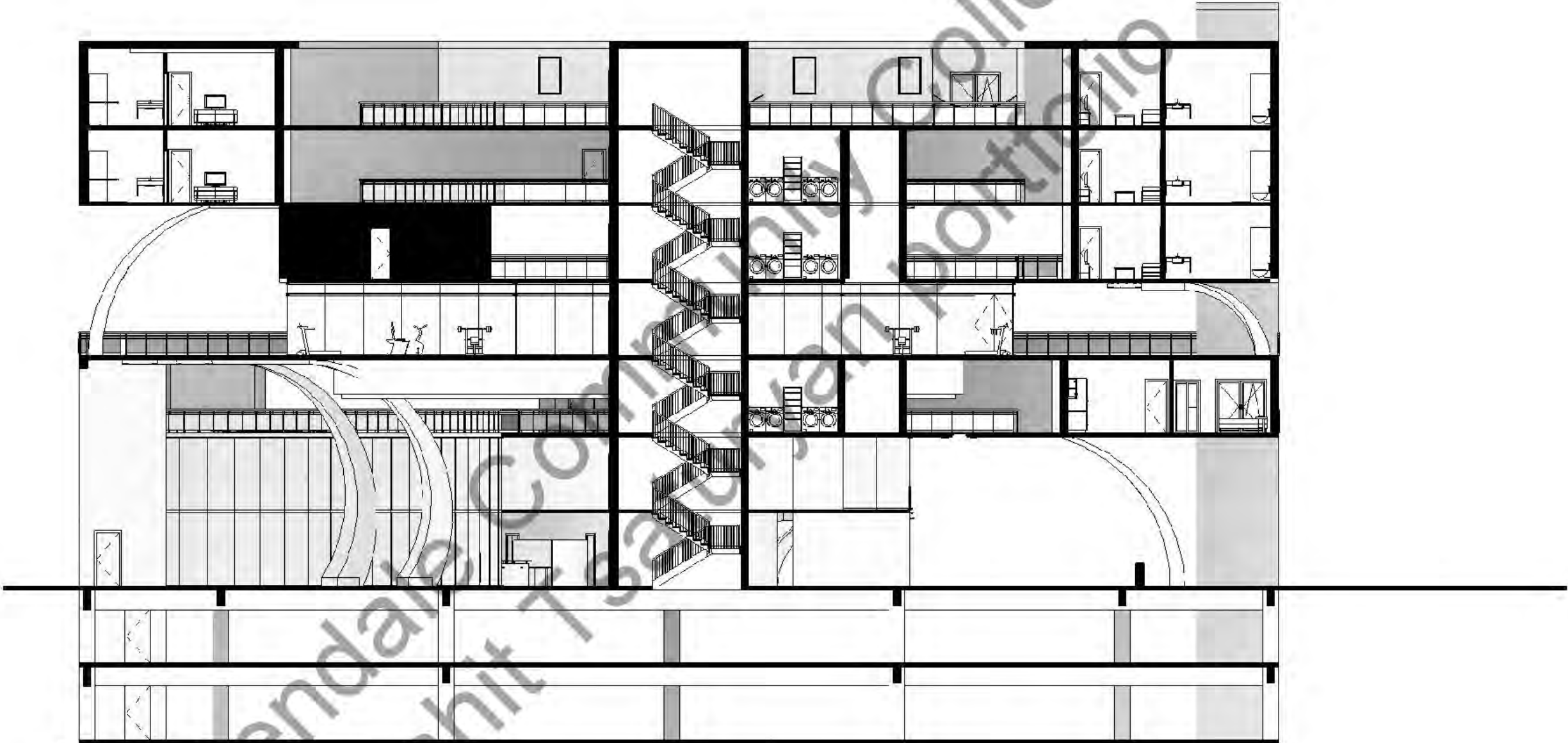
SOUTH ELEVATION

SECTIONS



BUILDING SECTION



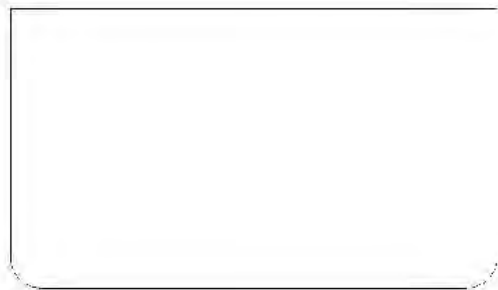


BUILDING SECTION

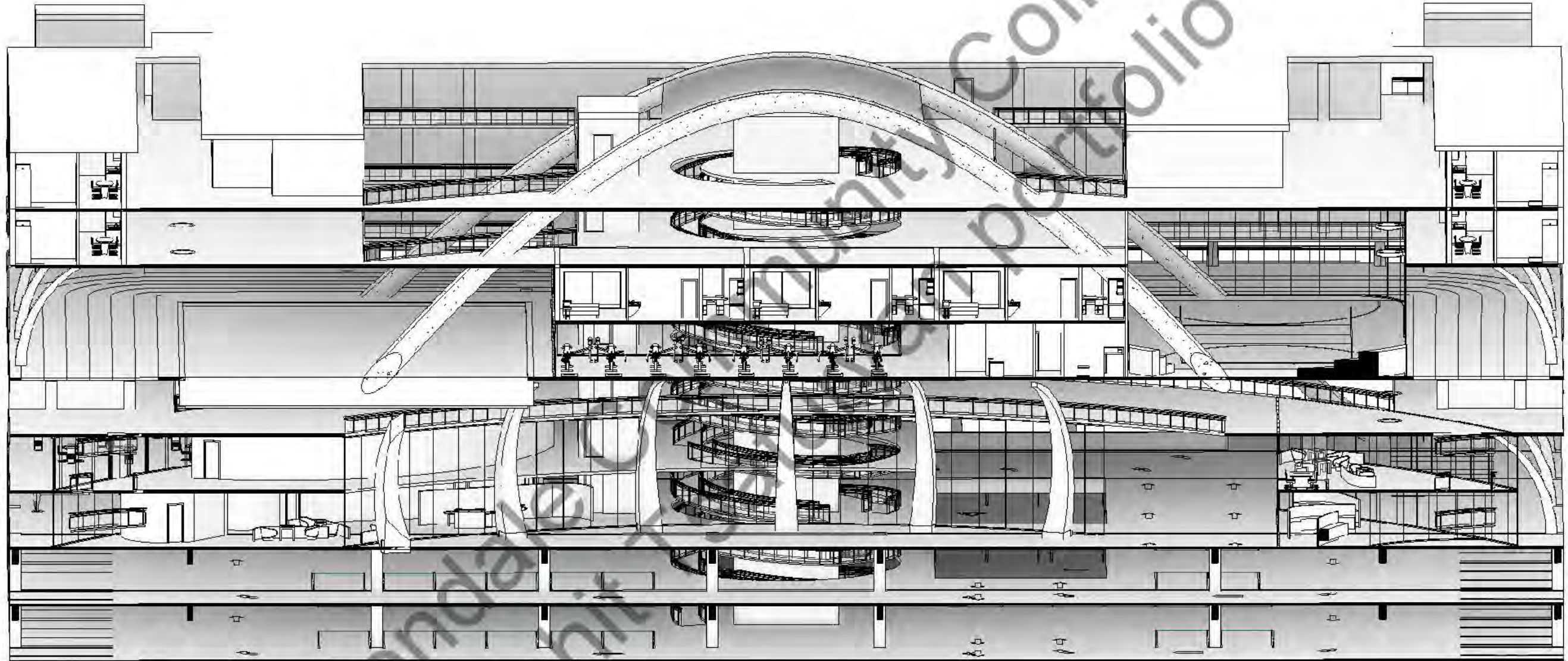
SECTIONS



BUILDING SECTION



SECTIONS



BUILDING SECTION

MIXED-USE BUILDING

CASE STUDY PROJECT

This project is inspired by an L-shaped case study located in Florida, designed by Lewis Tsurumaki Lewis (LTL) Architects. The original design incorporates parking structures, office spaces, and apartment buildings, creating a functional and dynamic mixed-use environment.

For my interpretation, I reimagined the project with a Split-Bar configuration, enhancing spatial organization and circulation. I then developed a design that integrates retail spaces, office areas, and residential units, fire exits, and open area ensuring a seamless blend of functionality and architectural expression.



DIAGRAMS

-  HORIZONTAL CIRCULATION PER FLOOR
-  VERTICAL CIRCULATION - STAIRS

CIRCULATION DIAGRAM

-  RETAIL SPACE
-  OFFICE SPACE
-  OPEN AREA
-  PARKING
-  HOUSING

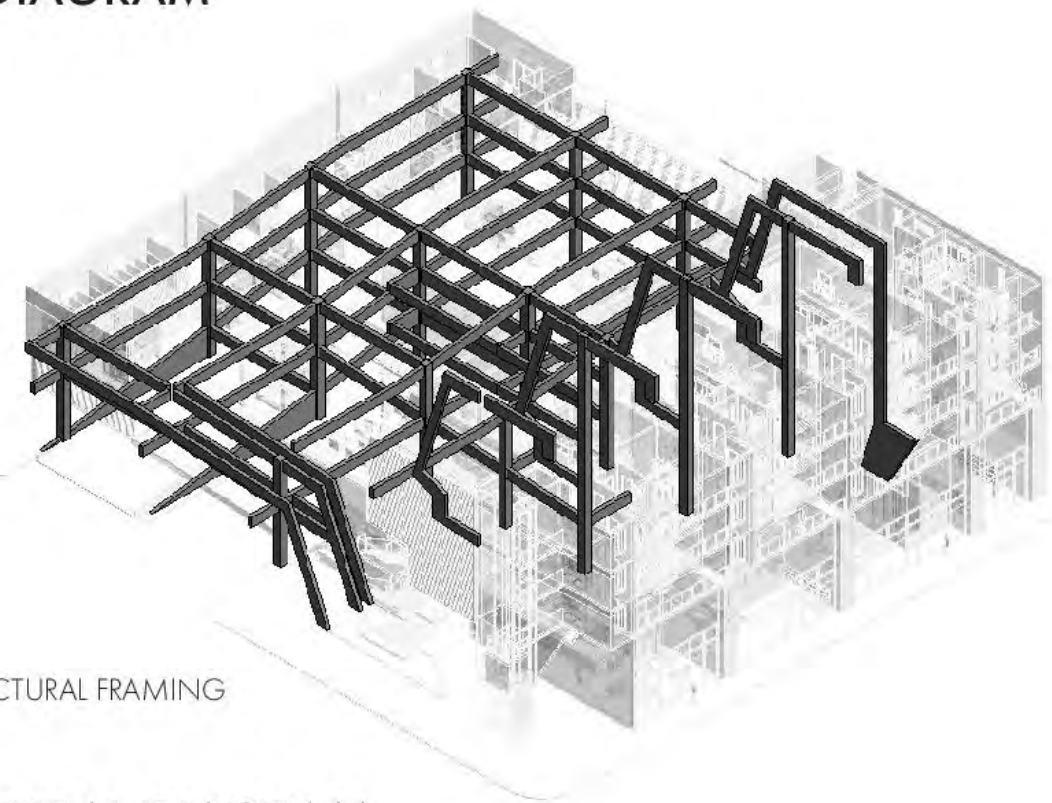
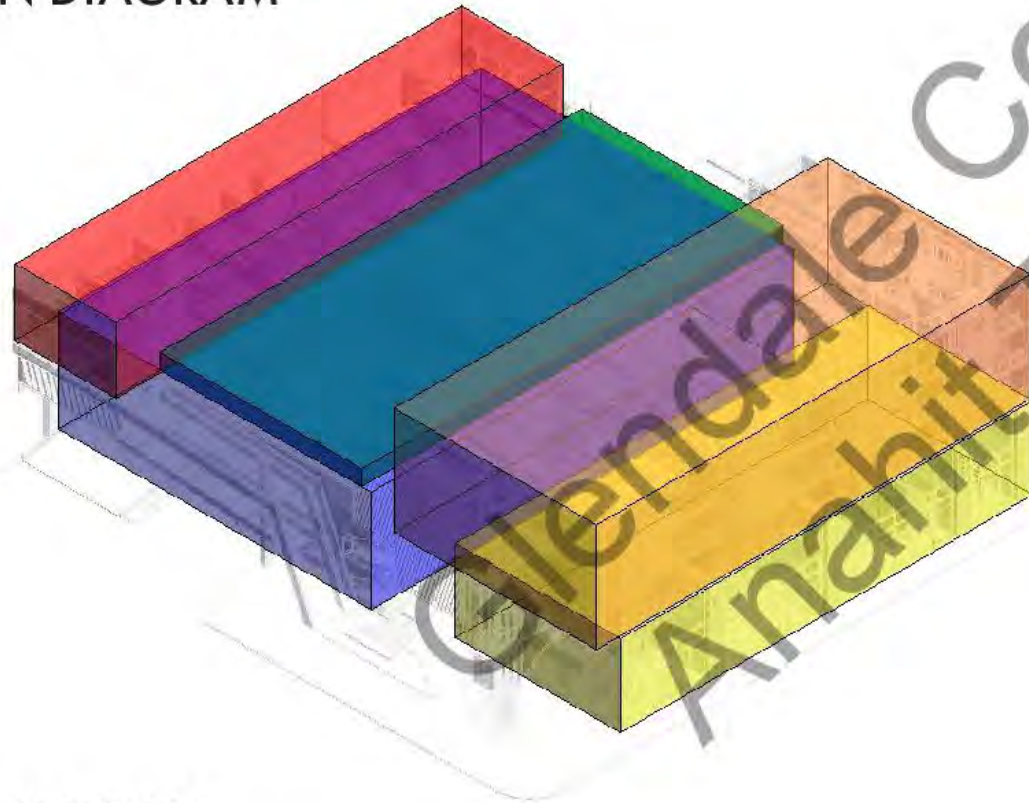
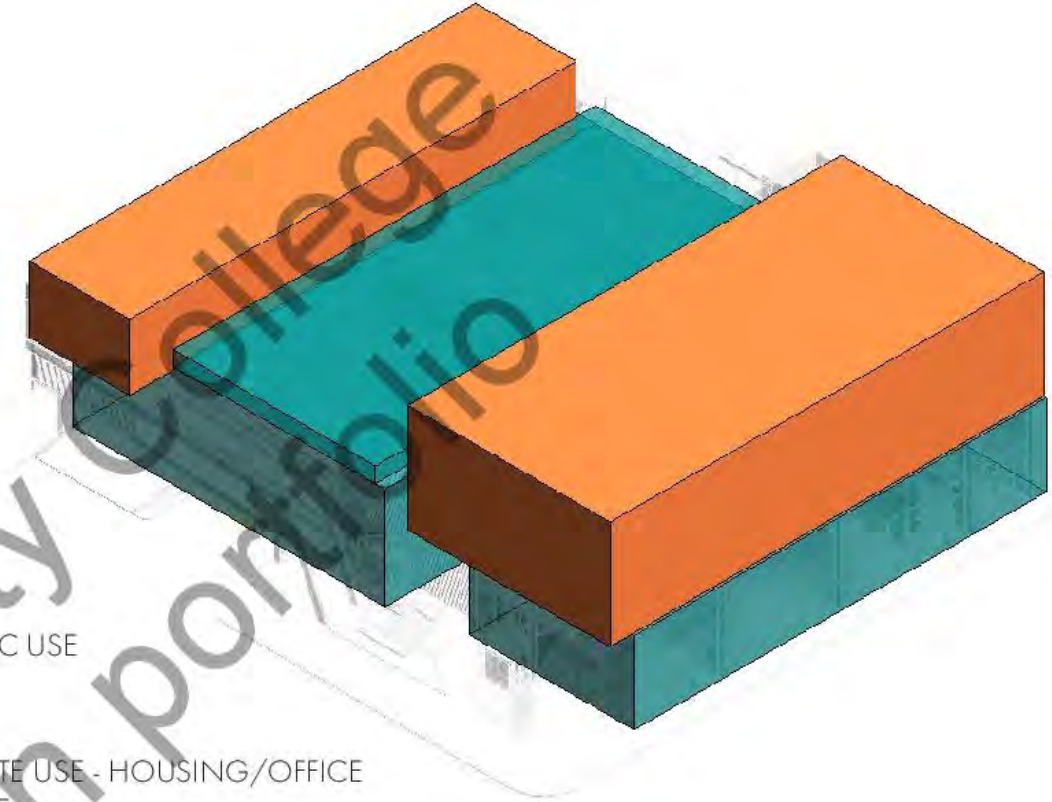
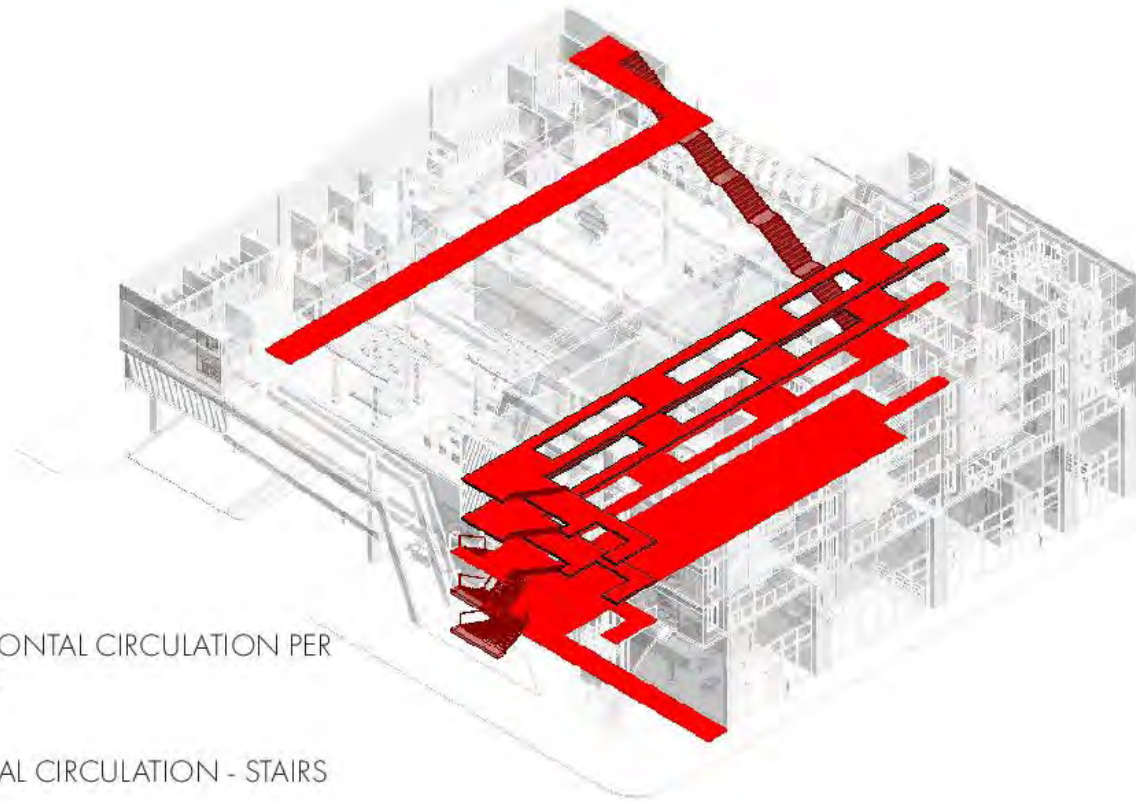
PROGRAM DIAGRAM

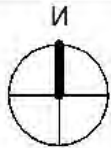
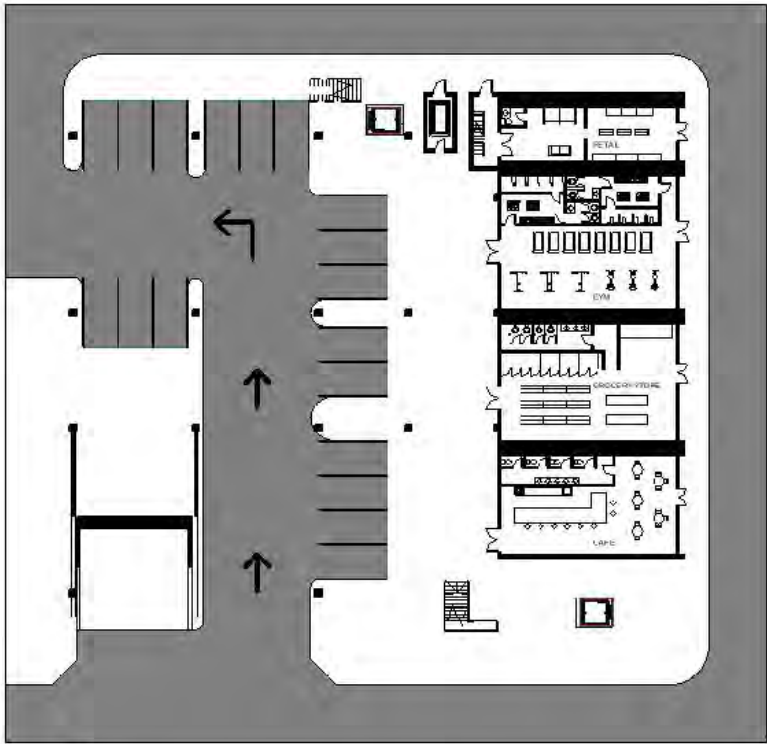
-  PUBLIC USE
-  PRIVATE USE - HOUSING/OFFICE SPACE

PARTI DIAGRAM

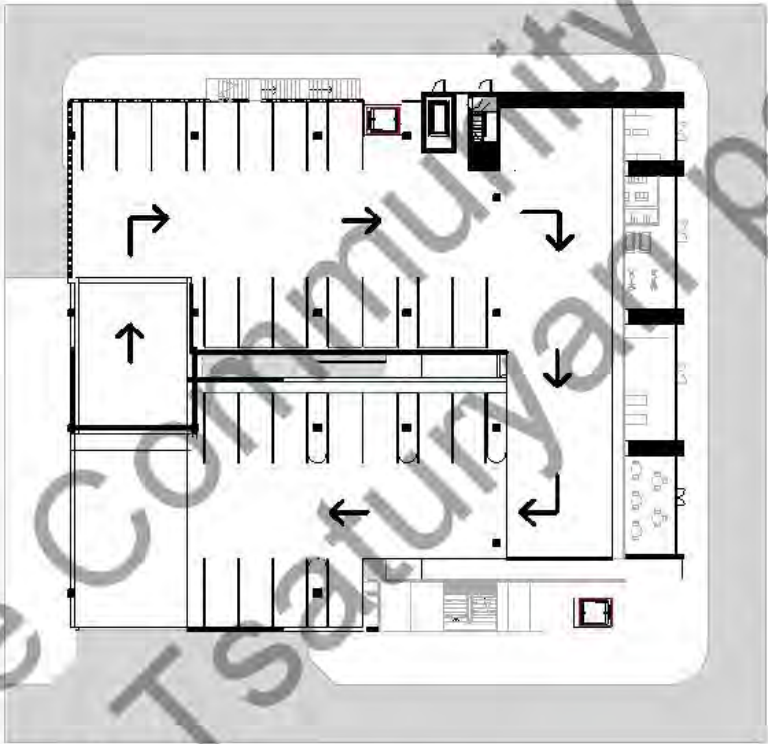
-  STRUCTURAL FRAMING

STRUCTURAL DIAGRAM

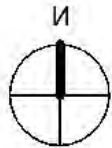
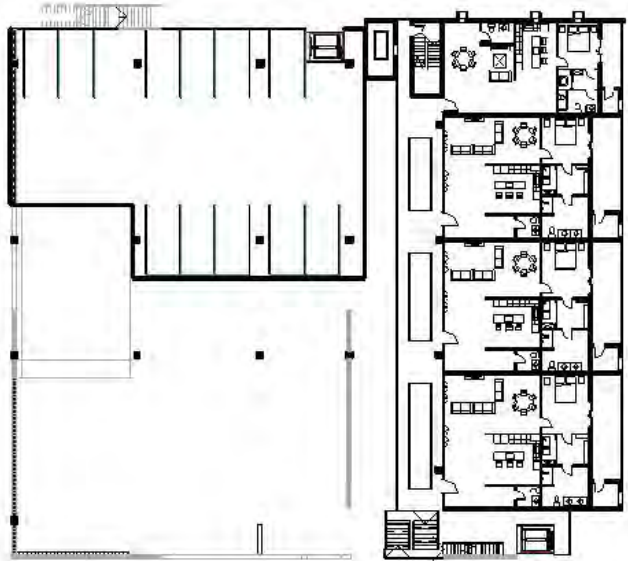




GROUND LEVEL

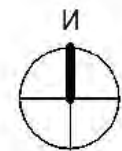


SECOND LEVEL

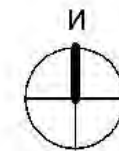
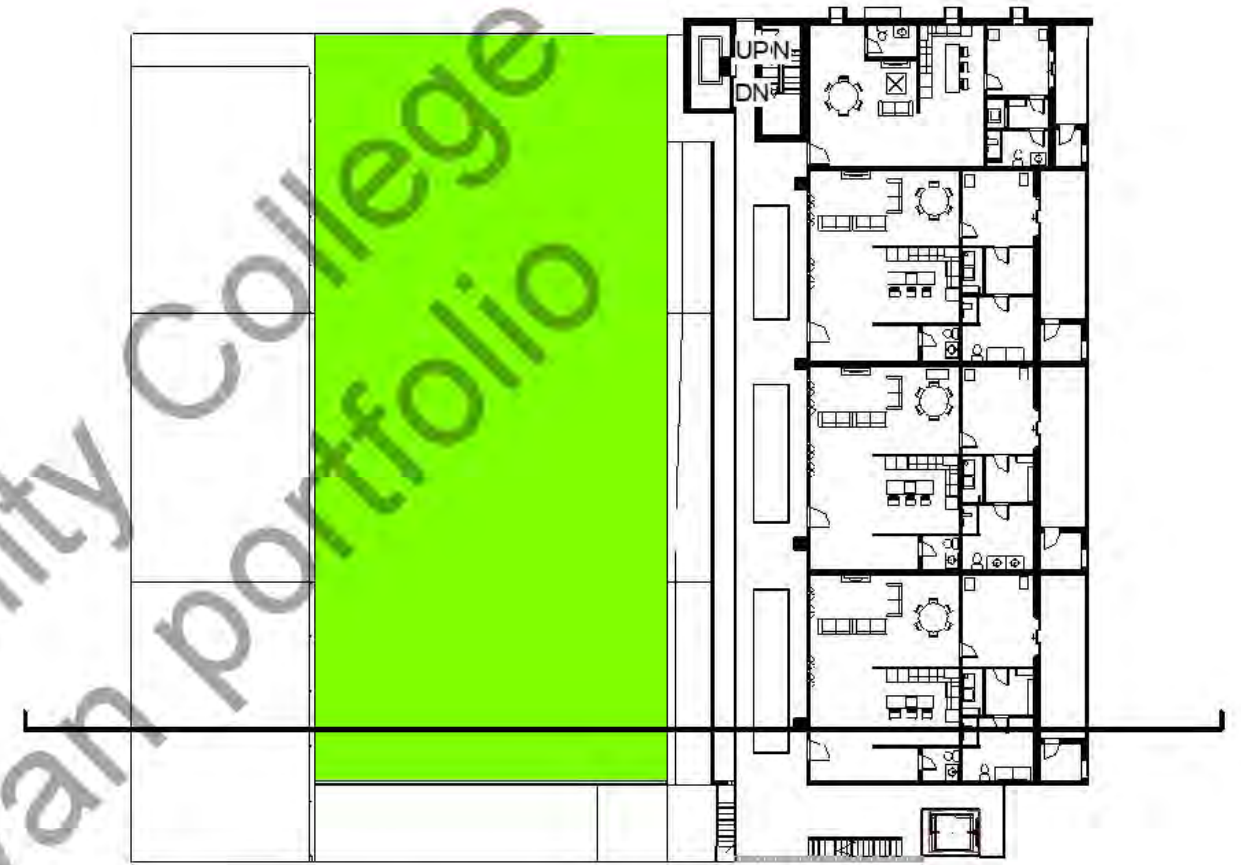


THIRD LEVEL

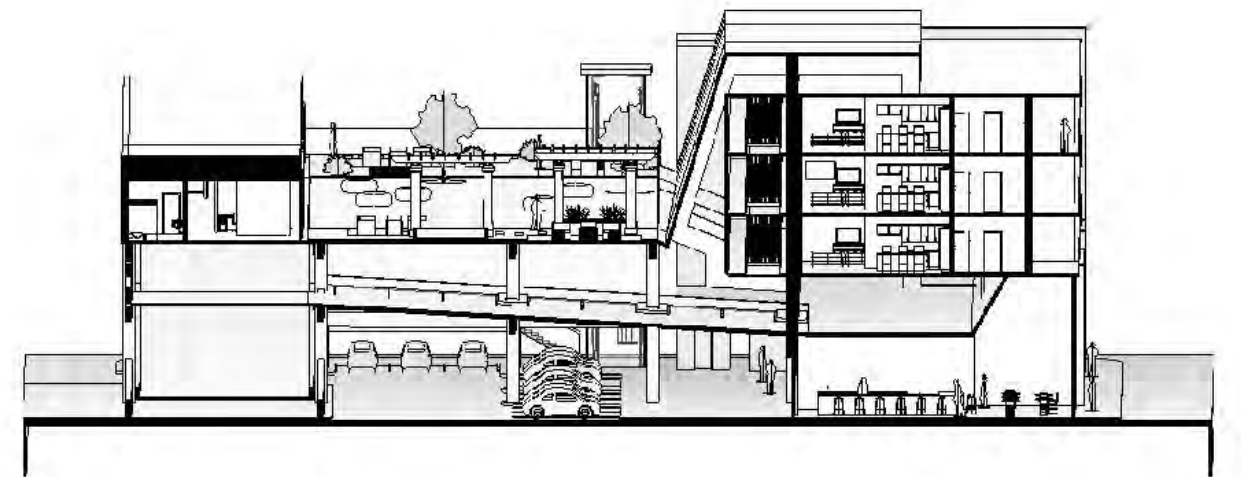
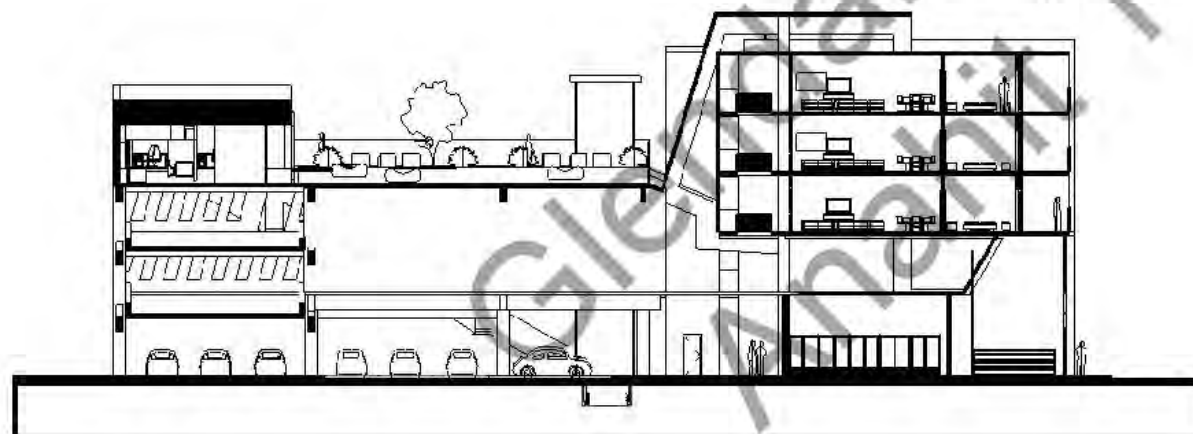
FLOOR PLANS / SECTIONS



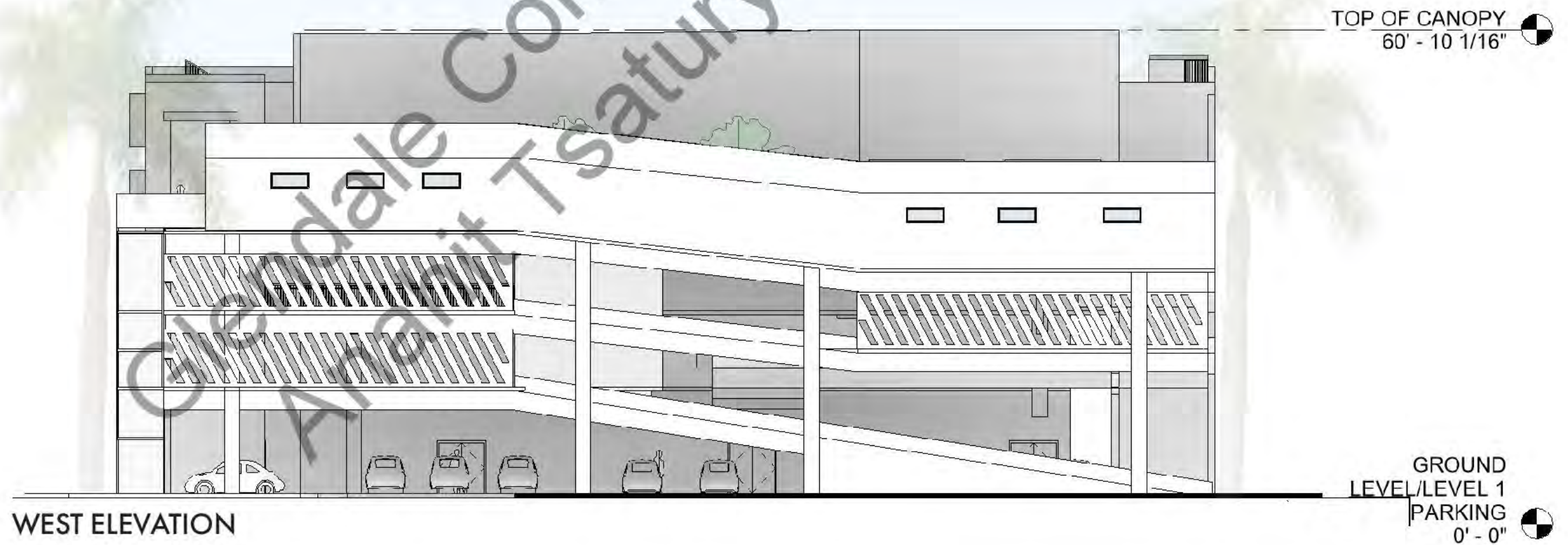
FOURTH LEVEL



FIFTH LEVEL



ELEVATIONS



ELEVATIONS



SECTIONS



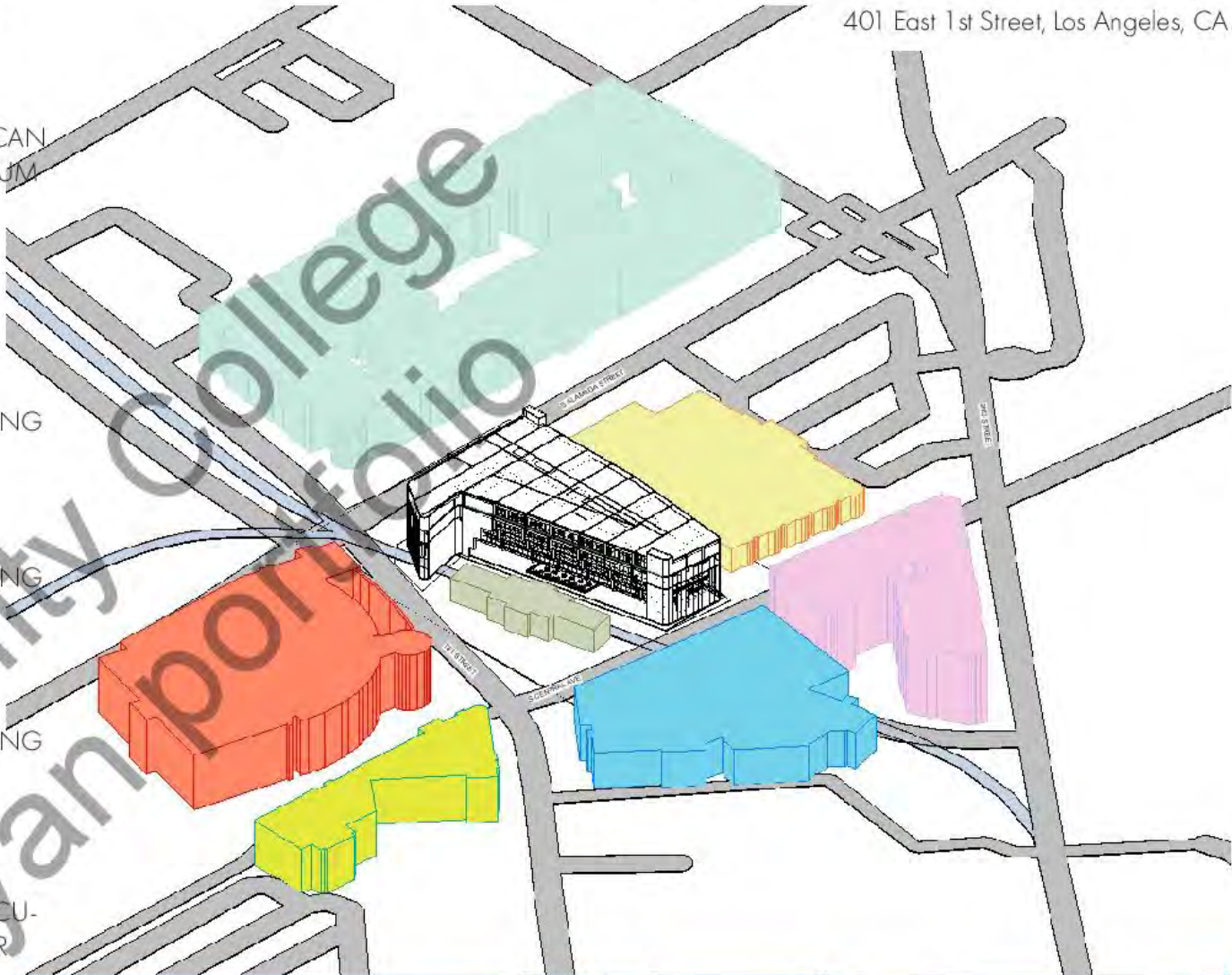
SHOPPING CENTER

COMMERCIAL ARCH DESIGN

Students are tasked with designing and proposing a new commercial mixed-use building, including retail and professional office space, within the historic Little Tokyo neighborhood.

Established in the 1880s, Little Tokyo has endured significant challenges, including Japanese internment during World War II, the destructive urban redevelopment of the 1970s, and evolving demographics. Despite these hardships, it remains a vibrant cultural hub, home to the Japanese American National Museum, which bridges past and present through its exhibits, as well as the Japanese American Cultural & Community Center, the Geffen Contemporary at MOCA, and several cutting-edge theaters.

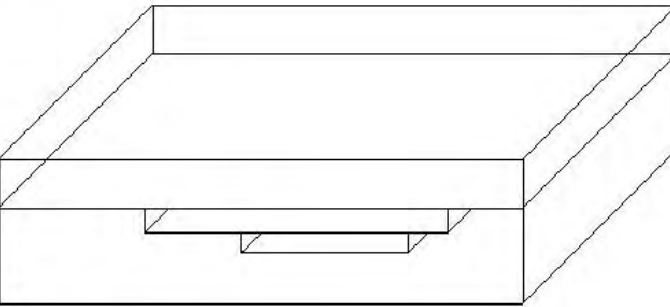
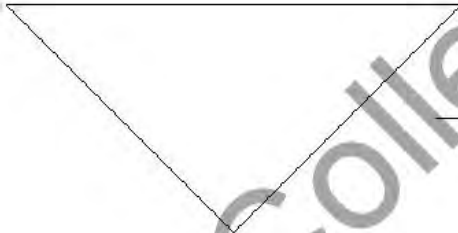
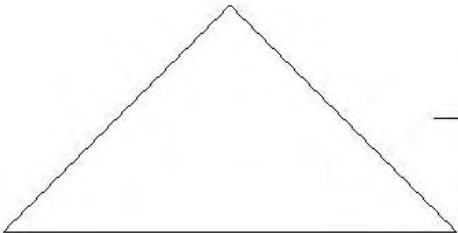
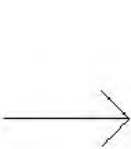
- METRO STATION
- JAPANESE-AMERICAN NATIONAL MUSEUM
- RETAIL
- MIXED-USE BUILDING
- MIXED-USE BUILDING
- MIXED-USE BUILDING
- HORIZONTAL CIRCULATION PER FLOOR



DIAGRAMS

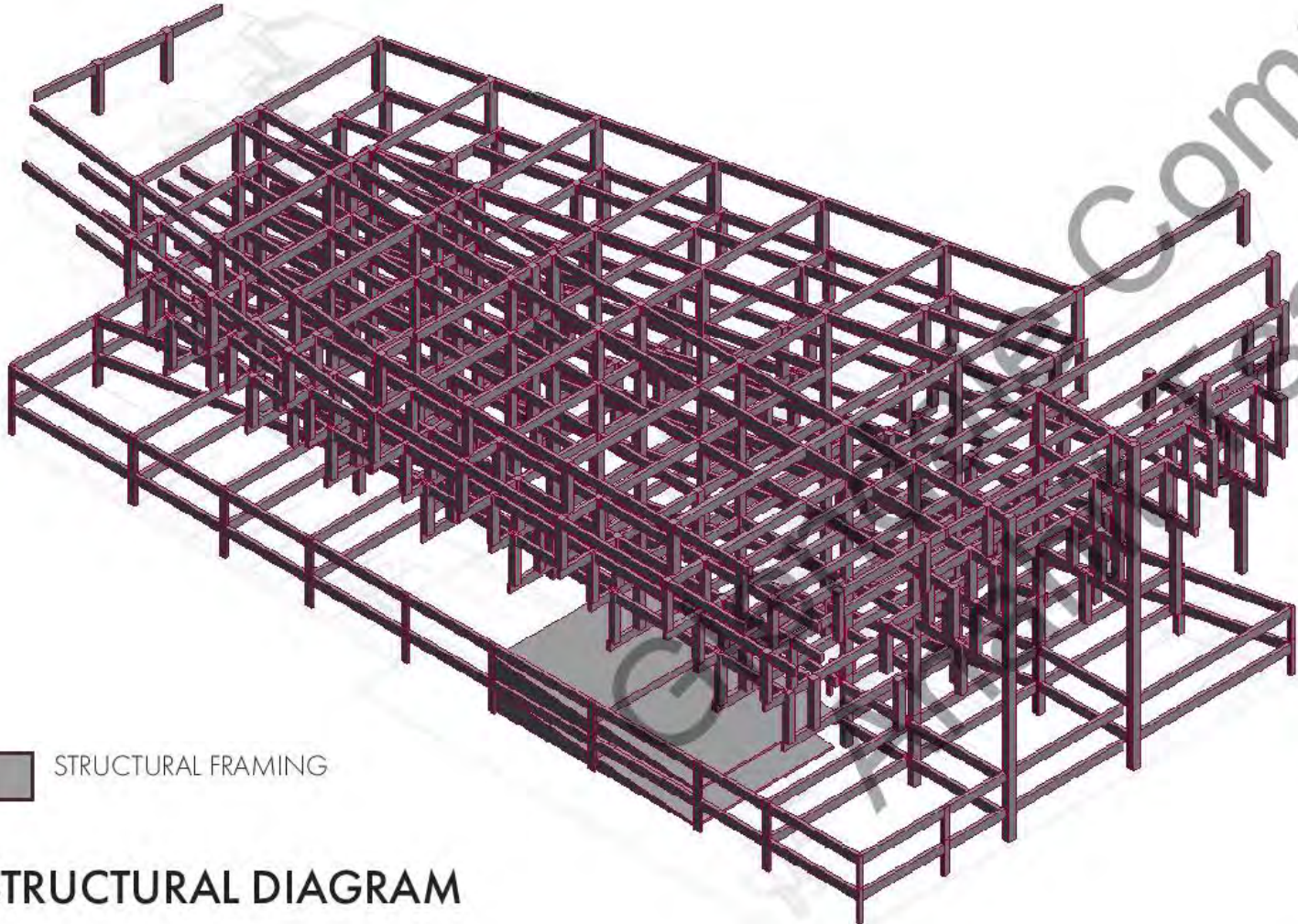


MY INITIAL CONCEPT WAS INSPIRED BY THE TRADITIONAL TRIANGULAR FORM OF TOKYO'S ARCHITECTURE, REINTERPRETING IT TO CREATE A DYNAMIC AND MODERN DESIGN.

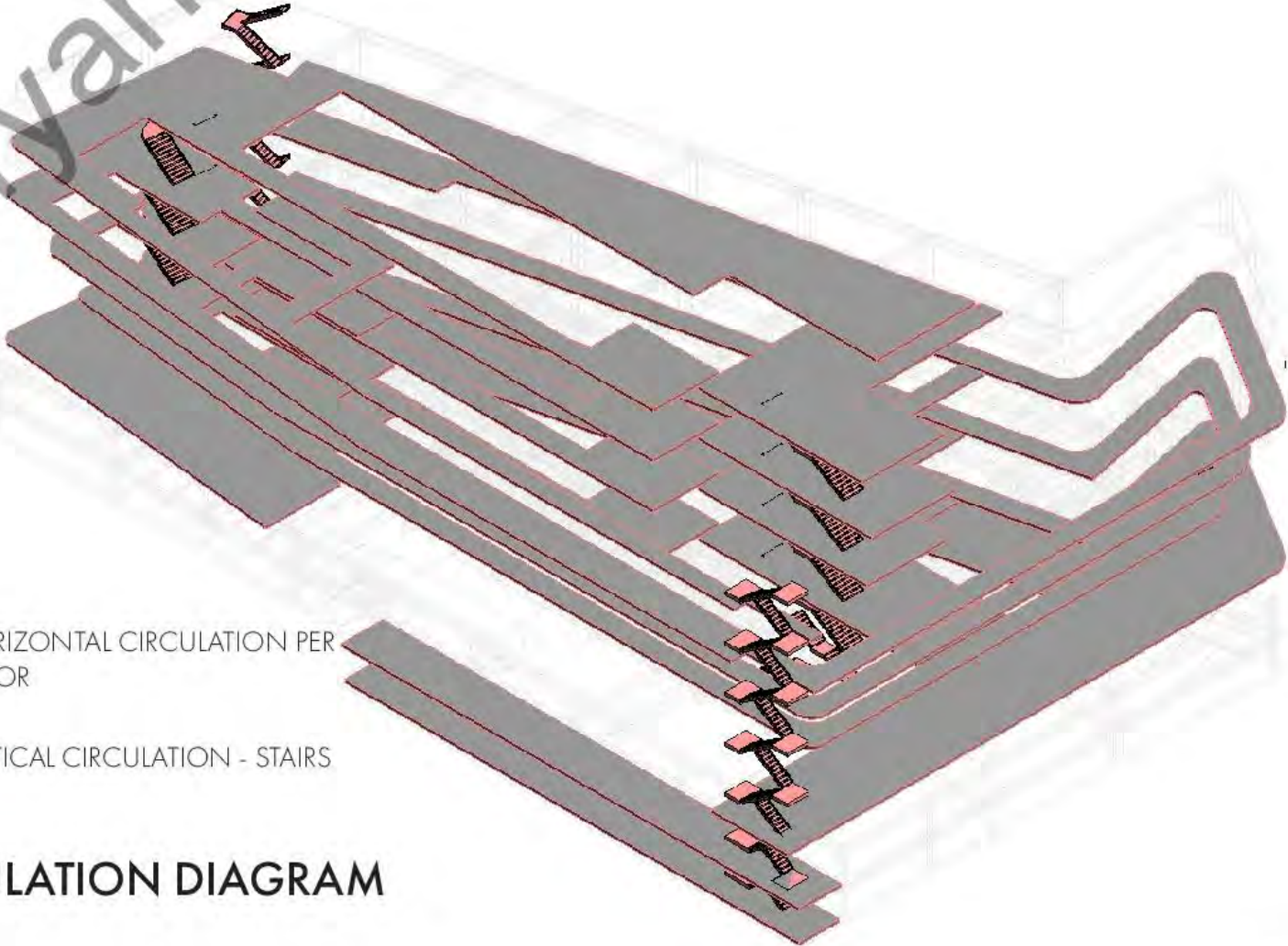


I THEN FLIPPED THE TRIANGLE TO MAXIMIZE THE USABLE SPACE ON EACH FLOOR, CREATING MORE FUNCTIONAL AREA UNDER EACH LEVEL, AS YOU DESCEND FROM THE TOP LEVEL.

CONCEPT DIAGRAM

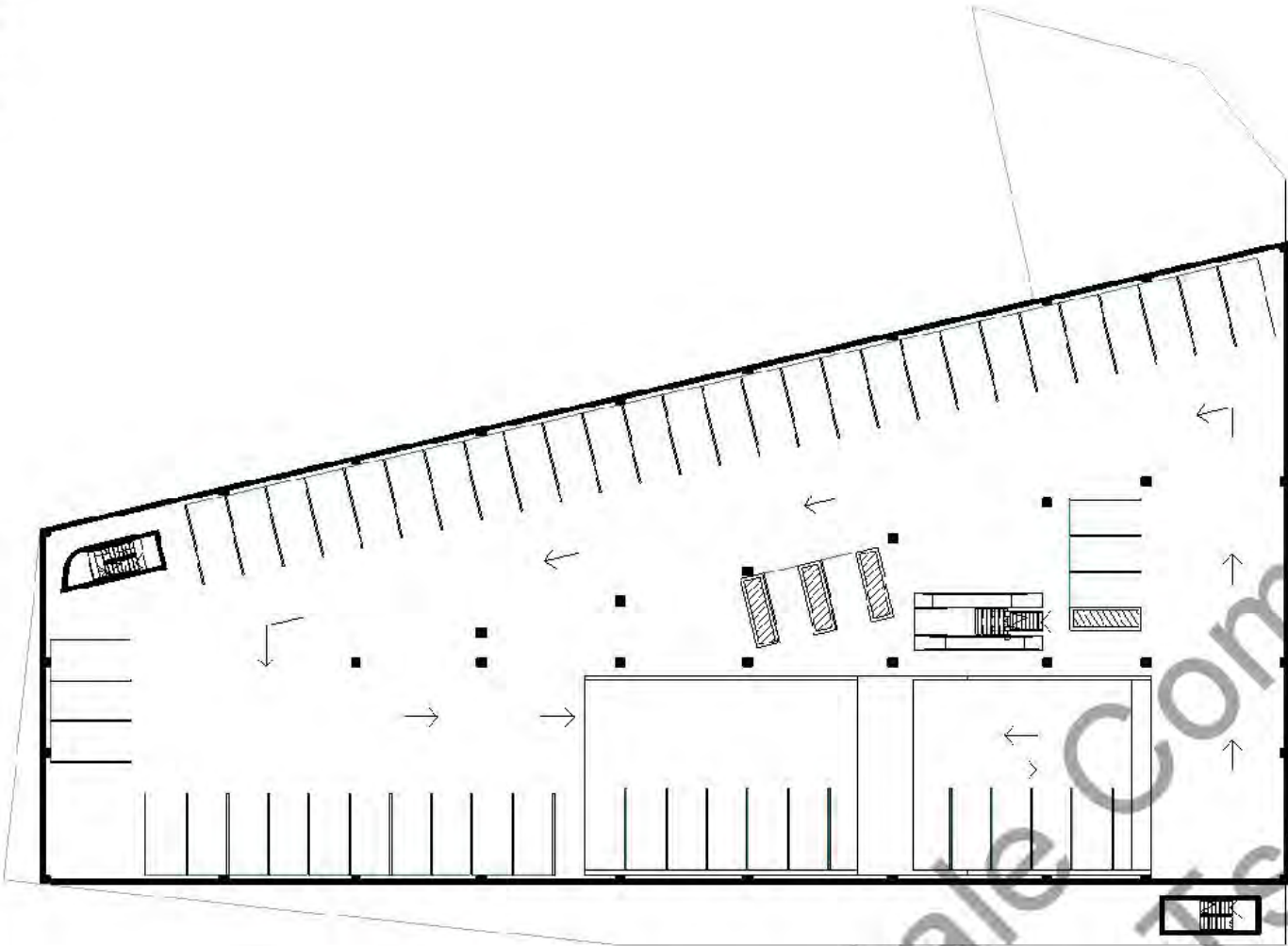


STRUCTURAL DIAGRAM

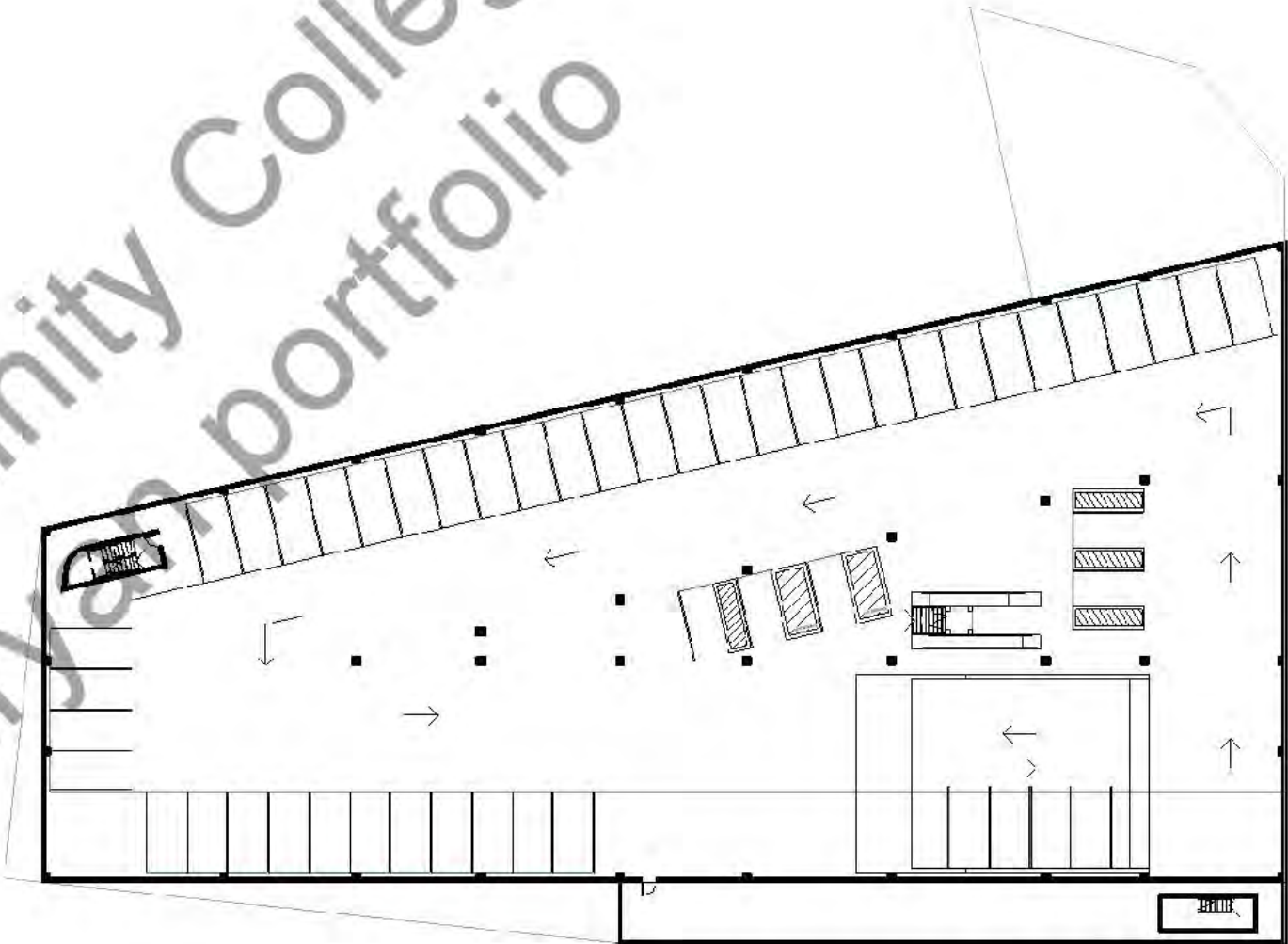


CIRCULATION DIAGRAM

FLOOR PLANS

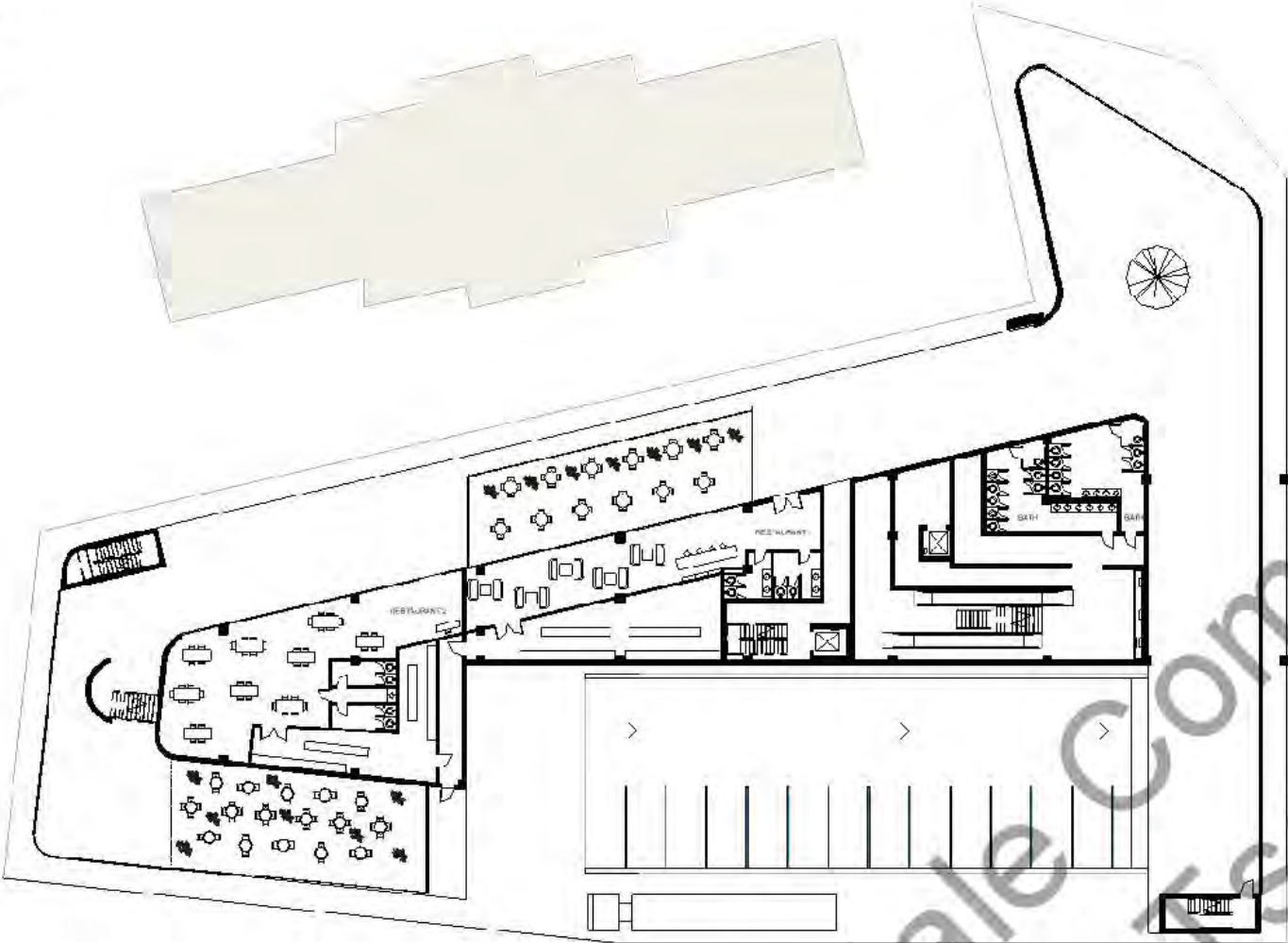


PARKING LEVEL 2

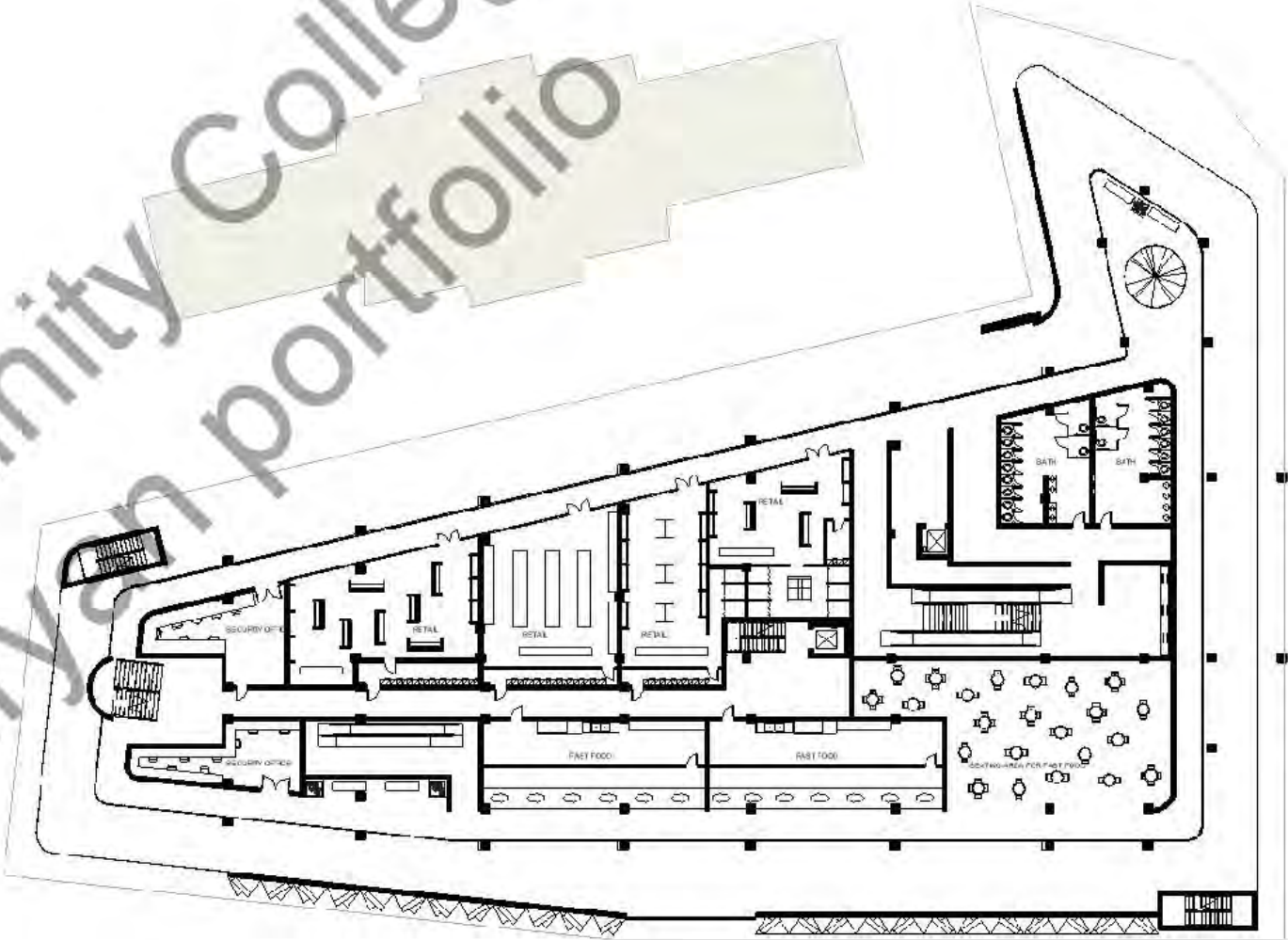


PARKING LEVEL 1

FLOOR PLANS

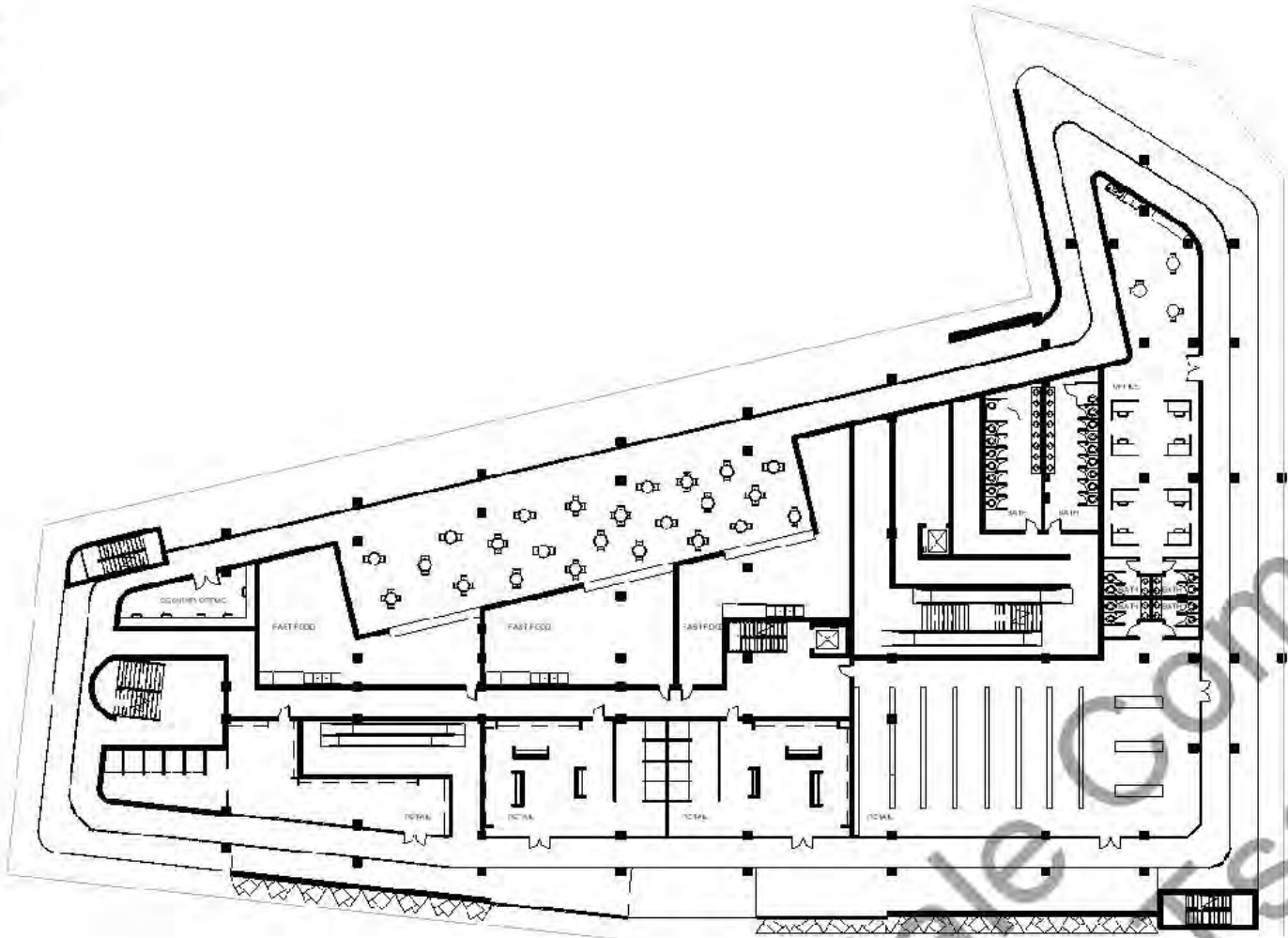


FIRST LEVEL

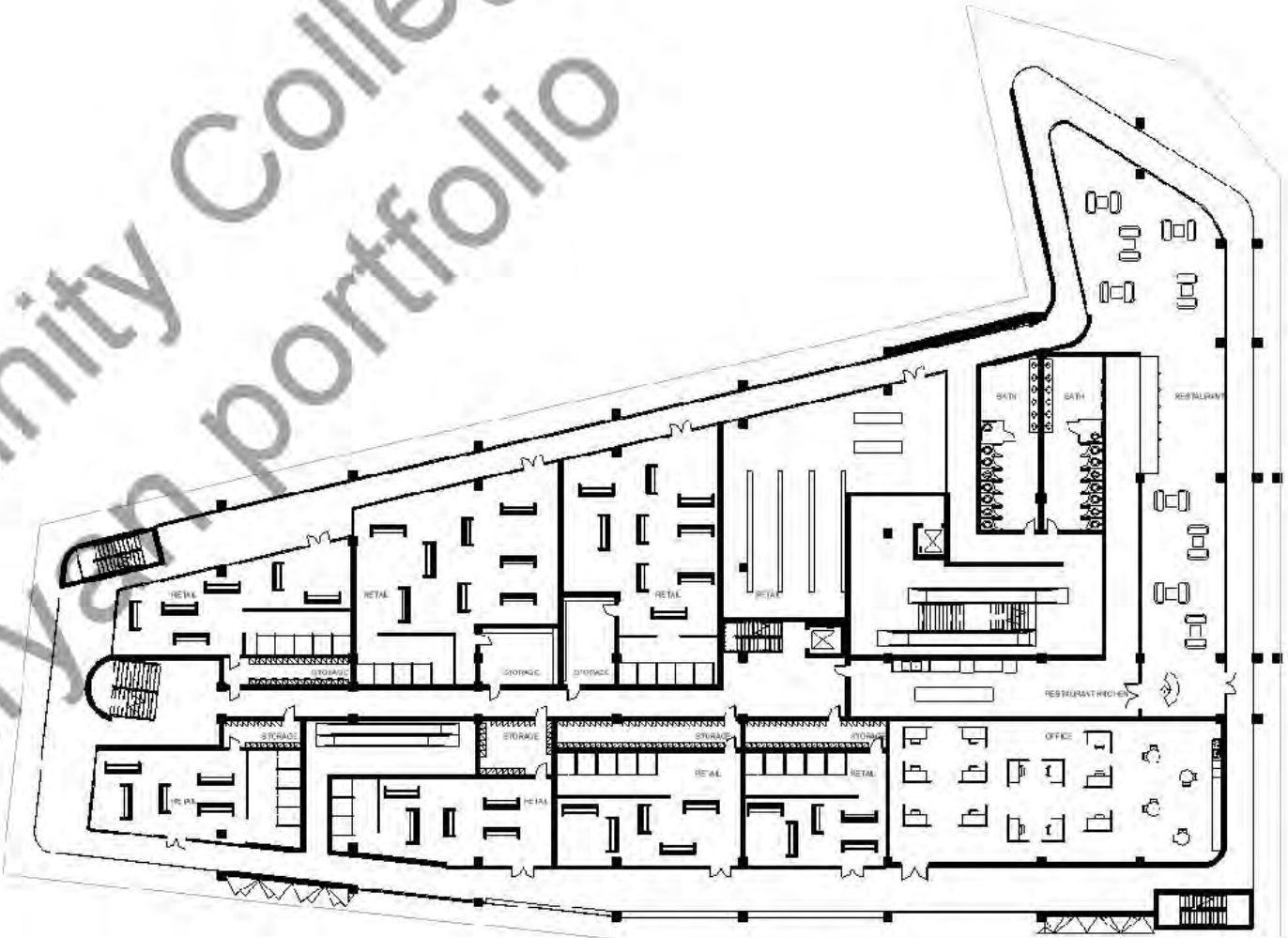


SECOND LEVEL

FLOOR PLANS

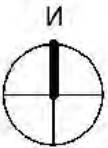
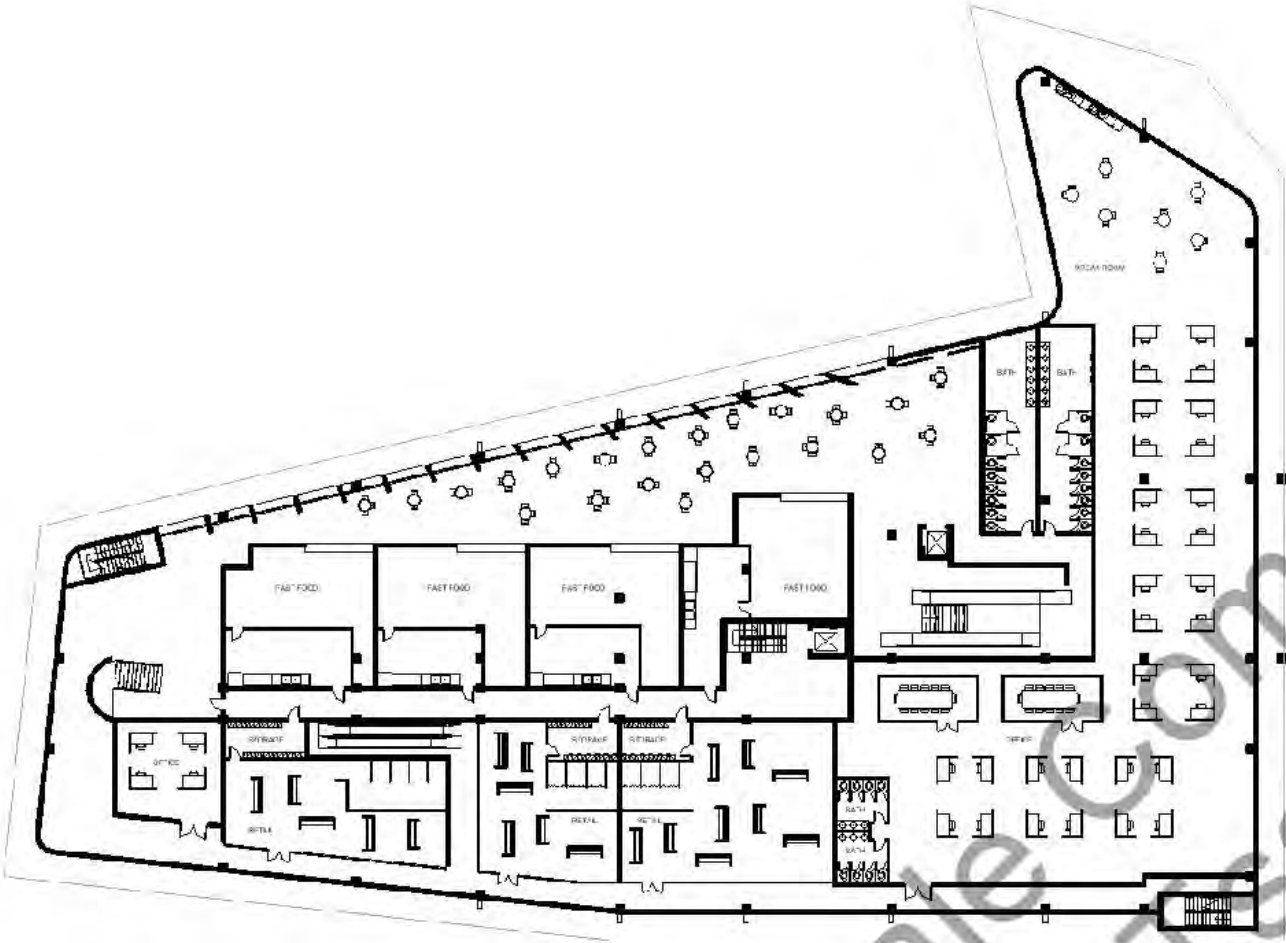


THIRD LEVEL

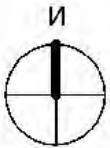
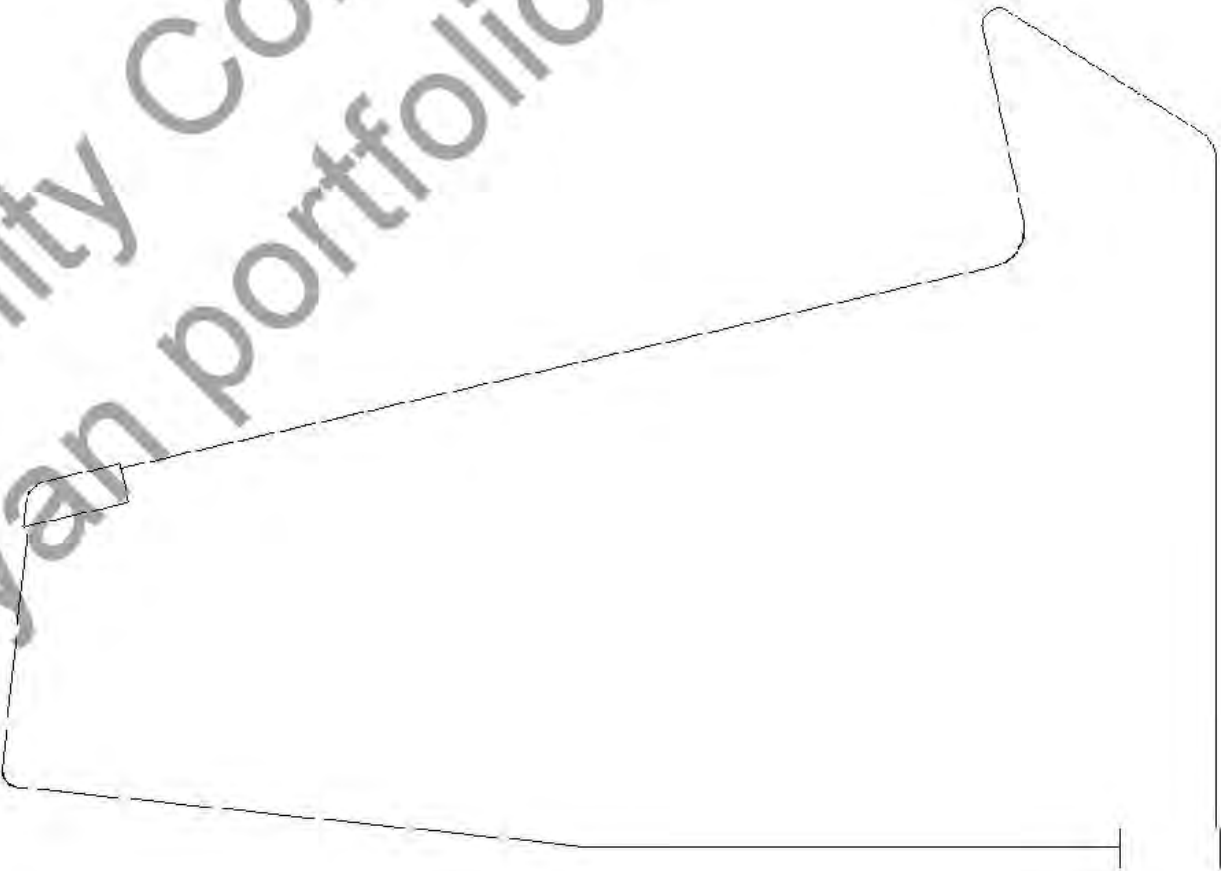


FOURTH LEVEL

FLOOR PLANS/ROOF PLAN

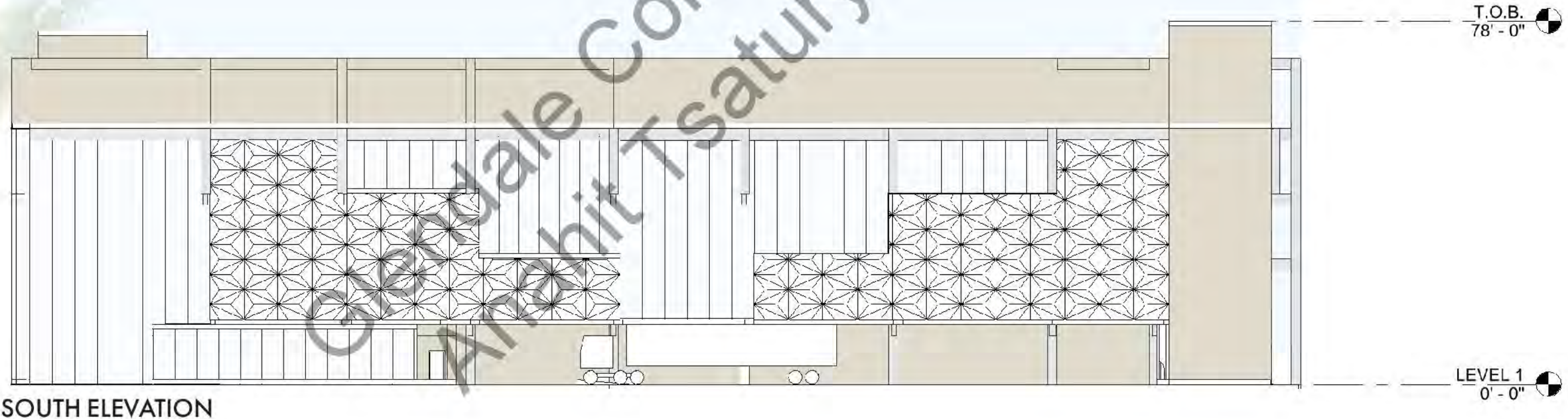
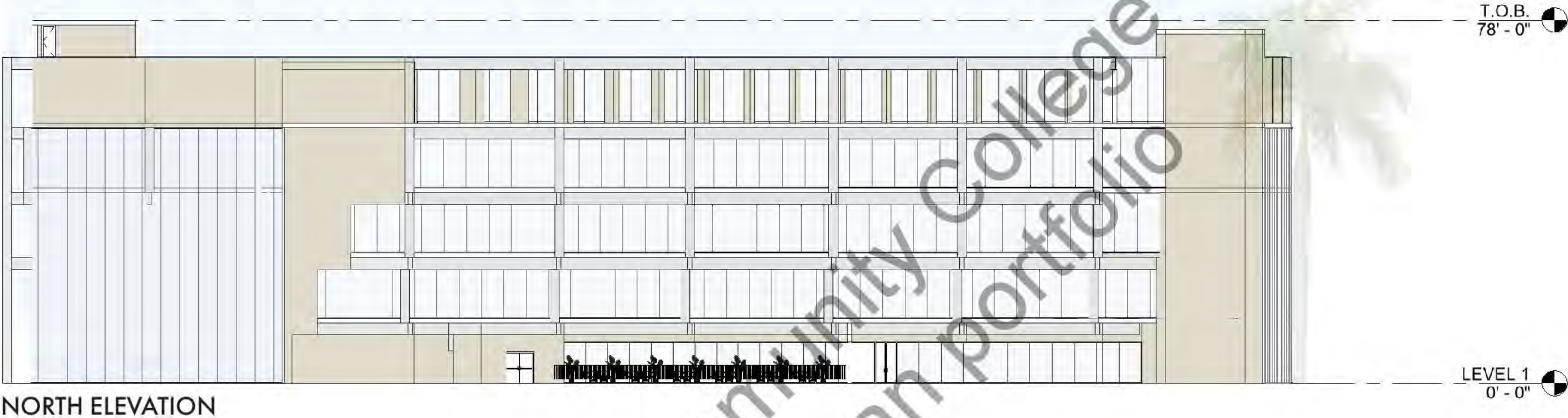


FIFTH LEVEL



ROOF PLAN

ELEVATIONS



ELEVATIONS



EAST ELEVATION



WEST ELEVATION



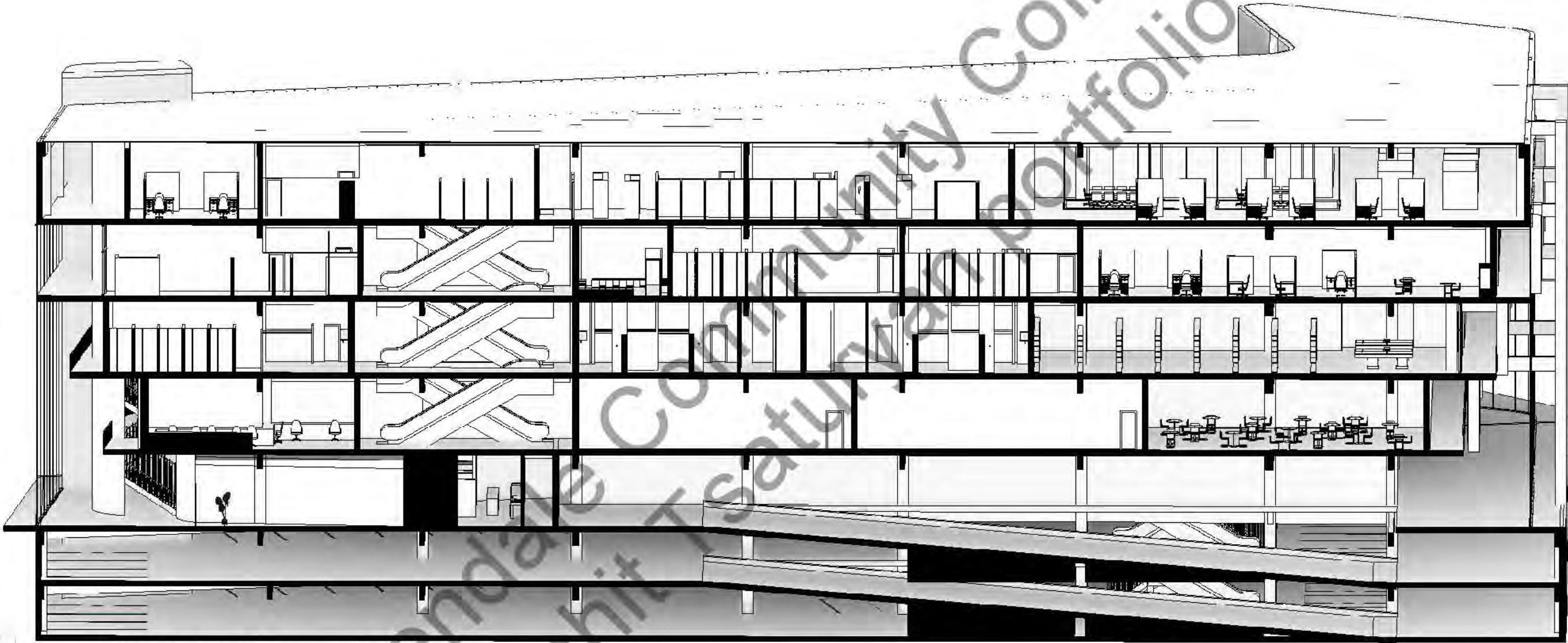
BUILDING SECTION



BUILDING SECTION



BUILDING SECTION

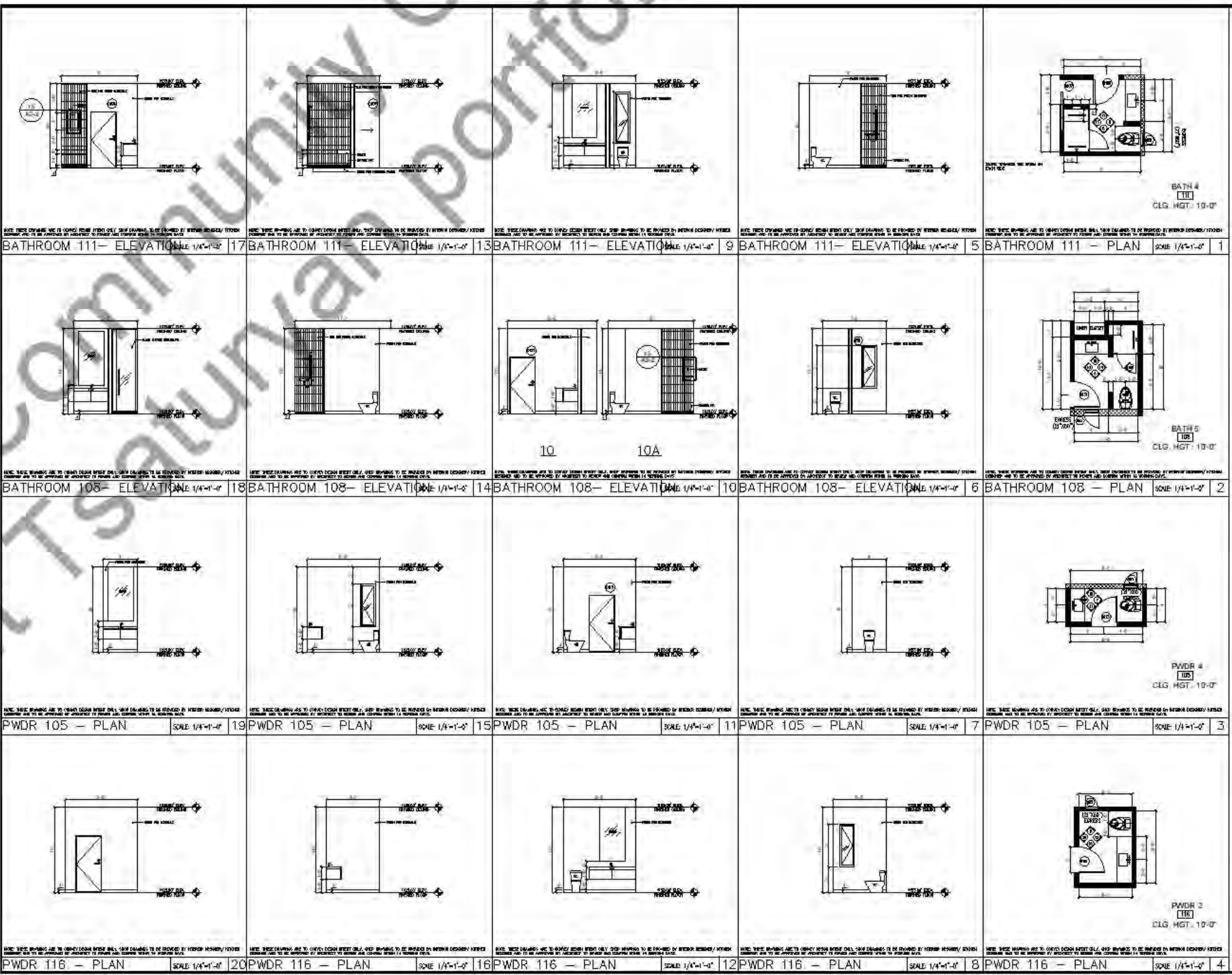
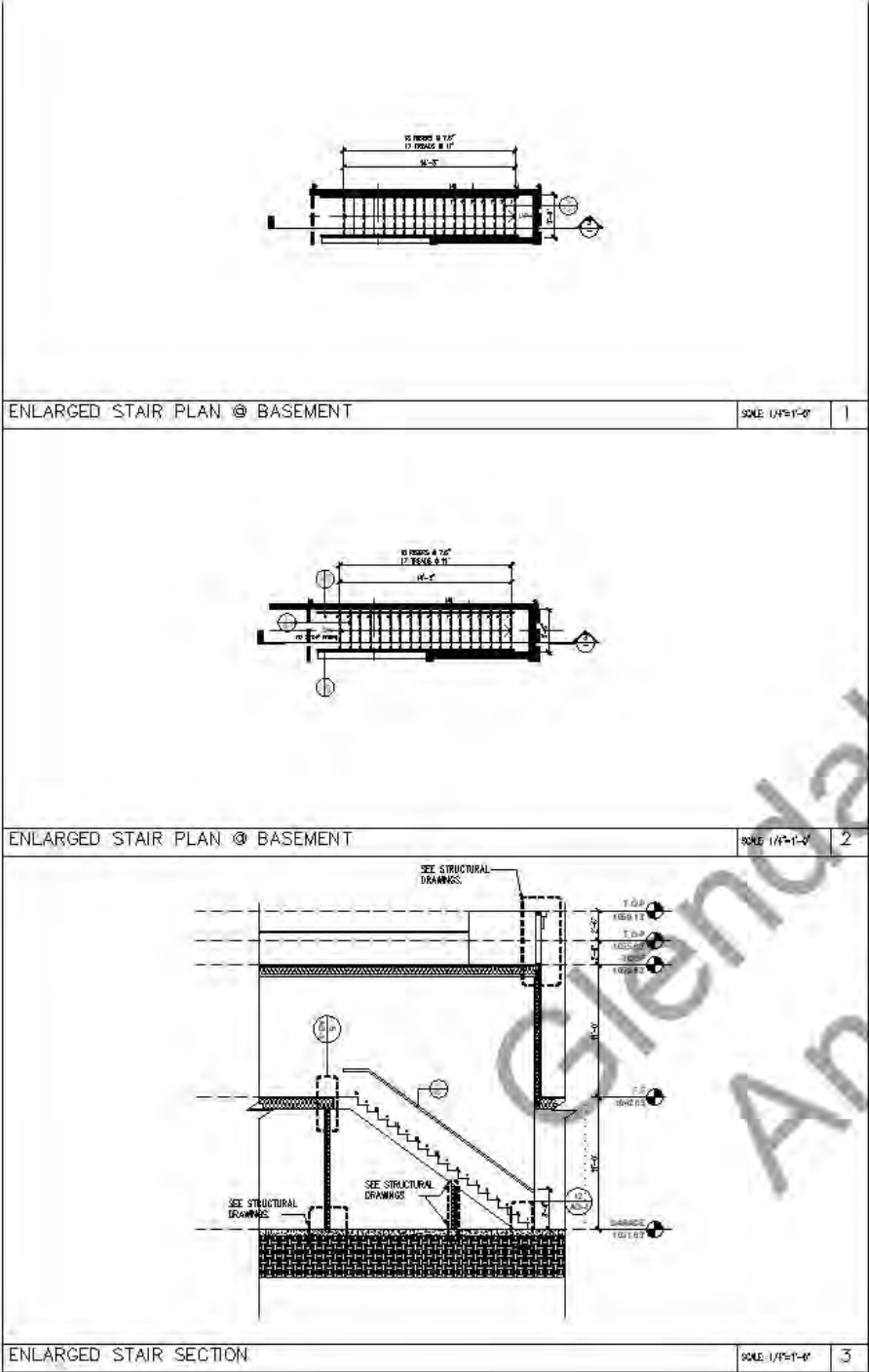


BUILDING SECTION

WORK OF BOLADarck DESIGN CORPORATION ROLE: DESIGN INTERN

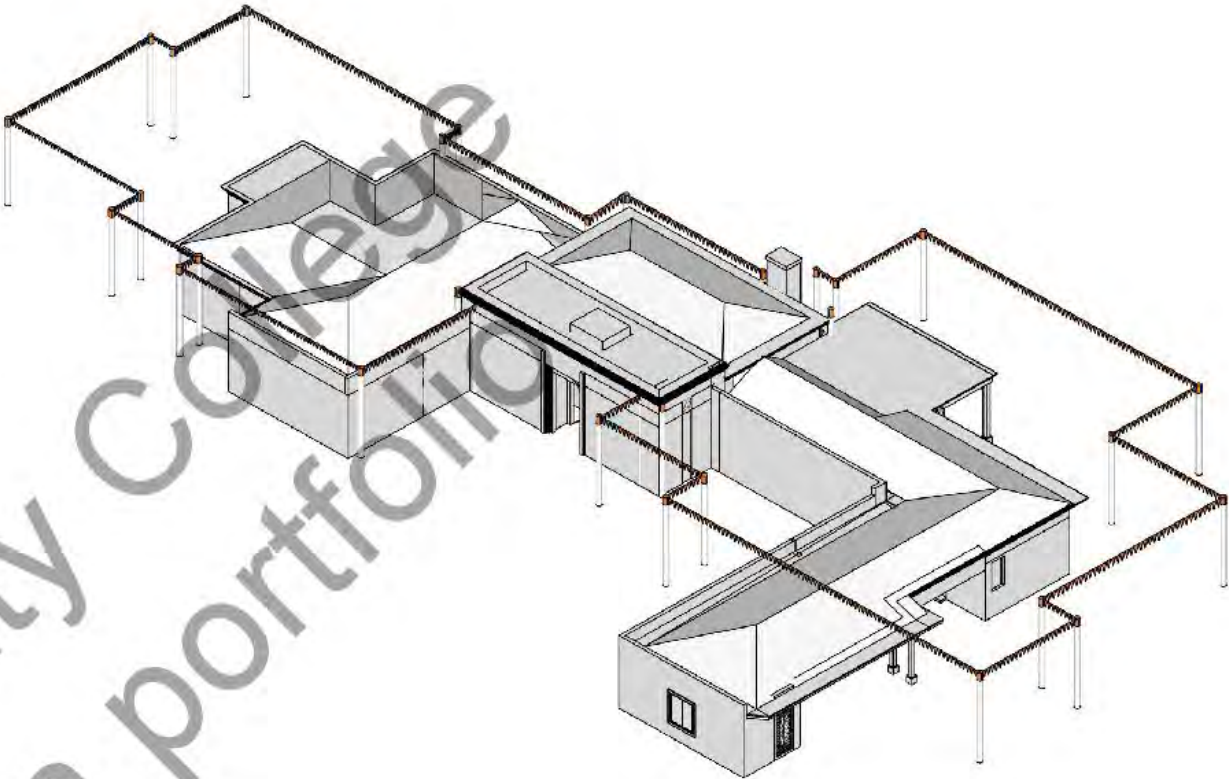
I USED XREF TO DISPLAY THE PLANS, NUMBERED THE STAIRS, AND REFERRED TO THE ENLARGED WALL DETAILS TO DRAW THE SECTION FOR THE STAIRS.

USING AUTOCAD, I USED XREF TO DISPLAY THE PLANS, ASSIGNED ELEVATION NUMBERS ACCORDINGLY, AND DRAFTED THE ELEVATIONS FOR ENLARGED PLANS. I THEN KEYED IN THE DETAILS FROM THE ENLARGED DETAILS DRAWINGS, LABELED ALL OBJECTS ACCURATELY, AND APPLIED DIMENSIONING TO ENSURE COMPLIANCE WITH CODE REQUIREMENTS.



STORY POLE PLAN

USING SKETCHUP, I INSERTED THE FLOOR PLAN OF THE EXISTING HOUSE, TRACED AND EXTRUDED THE WALLS, ASSIGNED WINDOWS AND DOORS, AND CREATED THE ROOF STRUCTURE. I THEN REFERENCED THE EMAIL FROM THE CITY REPRESENTATIVE, FOLLOWED THE PROPOSED FLOOR PLAN, AND ASSIGNED THE PATH OF THE POLE PLAN ACCORDINGLY.



PHOTOSHOP ELEVATIONS

USING PHOTOSHOP, SITE PLAN, AND LAND-SCAPE PLAN, I PHOTOSHOPED THE ELEVATIONS. THEN, I MADE A MATERIAL BOARD AND ASSIGNED EACH MATERIAL TO ITS CORRESPONDING PLACE.



WEST ELEVATION
SCALE : 1/8" = 1'-0"



EAST ELEVATION
SCALE : 1/8" = 1'-0"

MATERIAL BOARD:

1. WHITE GROUT FOR BRICKWORK	3. LIGHT GRAY BRICK	5. BROWN GRASS	7. LIGHT GRAY BRICK	9. LIGHT GRAY BRICK
2. WHITE GROUT FOR BRICKWORK	4. LIGHT GRAY BRICK	6. BROWN GRASS	8. LIGHT GRAY BRICK	10. LIGHT GRAY BRICK



WEST ELEVATION
SCALE : 1/8" = 1'-0"



EAST ELEVATION
SCALE : 1/8" = 1'-0"

MATERIAL BOARD:

1. WHITE GROUT FOR BRICKWORK	3. LIGHT GRAY BRICK	5. BROWN GRASS	7. LIGHT GRAY BRICK	9. LIGHT GRAY BRICK
2. WHITE GROUT FOR BRICKWORK	4. LIGHT GRAY BRICK	6. BROWN GRASS	8. LIGHT GRAY BRICK	10. LIGHT GRAY BRICK

ARCH 130 CASE STUDY



MODEL FOR WORK





THANK YOU