

SHANT MELKONIAN
ARCHITECTURE PORTFOLIO 2017
GLENDALE COMMUNITY COLLEGE

EDUCATION: GLENDALE COMMUNITY COLLEGE



AUTOCAD



REVIT



SKETCHUP



3DS MAX



LASER CUTTING
ABILITY

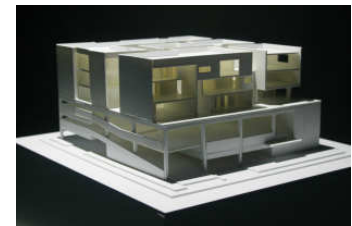
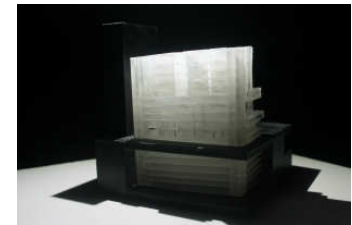
EXPERIENCE, AWARDS, AND HONORS

6TH ANNUAL ARCHITECTURAL STUDENT PROJECTS EXHIBITION SHOW 2016

7TH ANNUAL ARCHITECTURAL STUDENT PROJECTS EXHIBITION SHOW 2017

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LITTLE TOKYO PROJECT

Los Angeles, CA

ABOUT SITE LOCATION:

Little Tokyo is the smallest Downtown District, but has a lot to offer in such a few square blocks. The boundary starts on Temple Street to the North, Fourth Street to the South, Alameda Street to the East, and Main Street on the West. The historical hotspot is the First Street between San Pedro Street and Central Avenue, where today only 13 of the original buildings remain.

Established in the 1880s, the neighborhood has redeveloped from what it was before. Many of its historic structures were destroyed and its demographics changed.

PROJECT DESCRIPTION:

Students are asked to design a commercial mix-use high rise building with circulation or program connecting to Weller Court across on 2nd street. The address is 282 East 2nd Street, Los Angeles, CA. The corner of East 2nd Street and San Pedro Street, in Little Tokyo, Los Angeles, CA. The area of the site is 98,684 sq ft or 2.3 acre of land since 1 acre = 43,560 sq ft.

Required programs in the building consists of 5 major parts:

- 2 Retail Stores
- 10 Fast Food Stores
- Office Space
- 3 Restaurants
- Outdoor Performance Area

DESIGN STATEMENT:

The design concept is to define the program arrangements around the outdoor circulation space throughout the entire project. Using the idea of a half circle shape circulation configuration. If we take a look at the surrounding buildings neighboring the Little Tokyo site. We would find out that most of the buildings are all roughly the same height. Taking this into account the project gradually rises up higher in effort to not lose what is already there of the view towards the Downtown skyline.



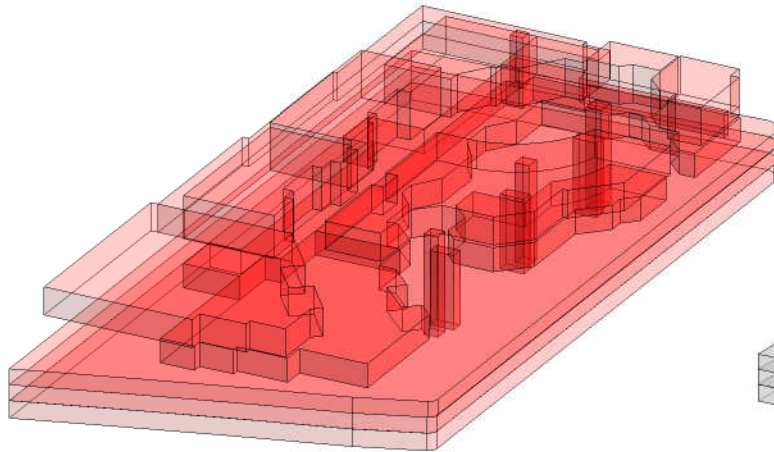
THIS IS A RENDERING IMAGE OF THE OUTDOOR PERFORMANCE AREA SPACE NORTH-WEST VIEW.



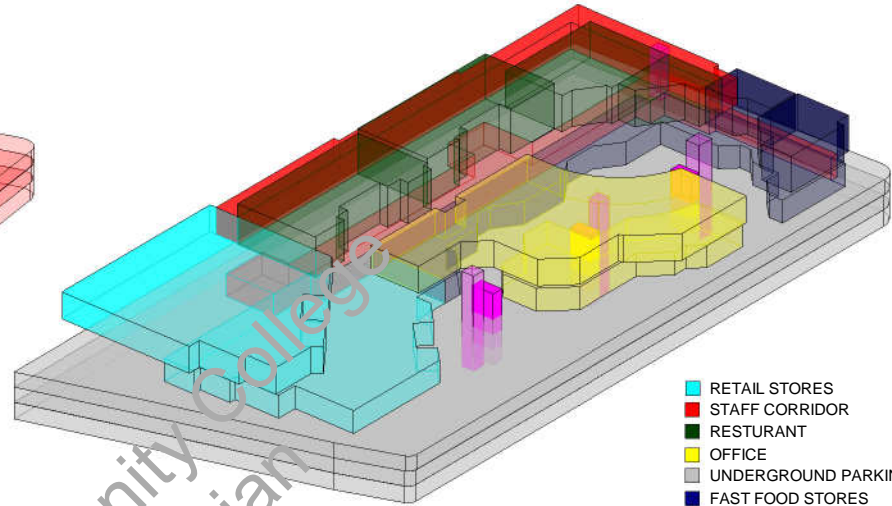
MODEL IMAGE OF THE NORTH-WEST ELEVATION VIEW 1/32" SCALE.



MODEL IMAGE OF THE NORTH-EAST ELEVATION VIEW 1/32" SCALE.

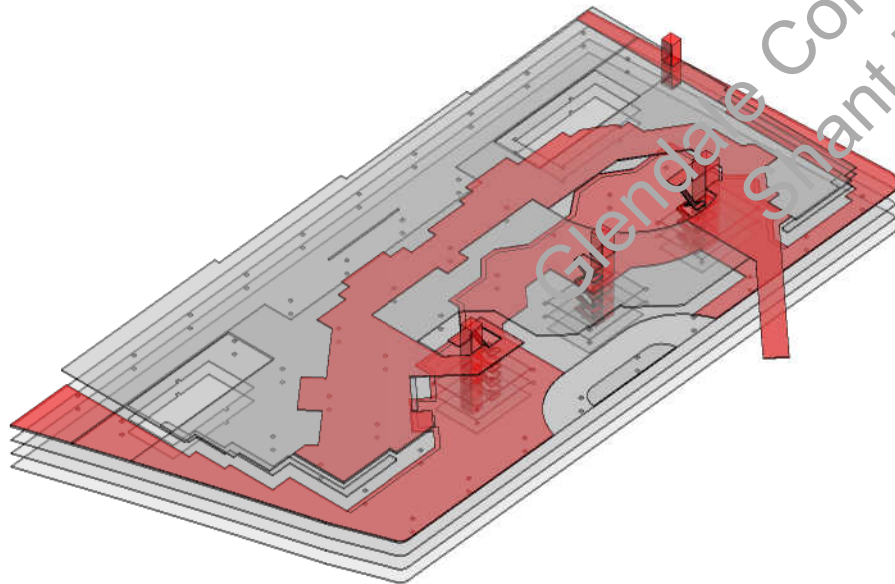


PARTI DIAGRAM

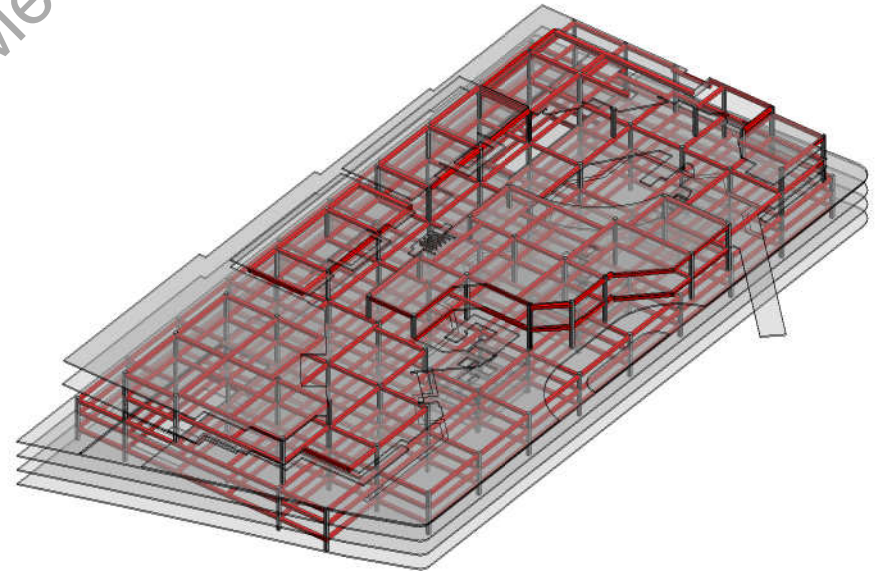


- RETAIL STORES
- STAFF CORRIDOR
- RESTURANT
- OFFICE
- UNDERGROUND PARKING
- FAST FOOD STORES
- ELEVATOR TOWER WITH STAIRCASE

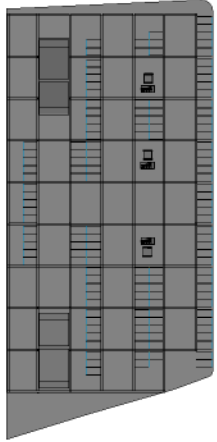
PROGRAM DIAGRAM



CIRCULATION DIAGRAM



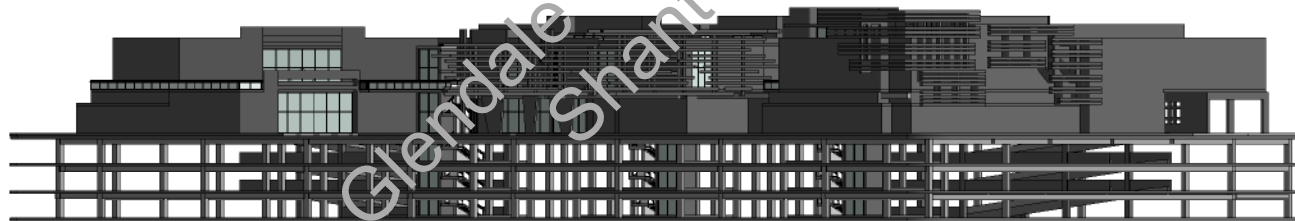
STRUCTURE DIAGRAM



LEVEL -1
1" = 200'-0"

LEVEL 1
1" = 200'-0"

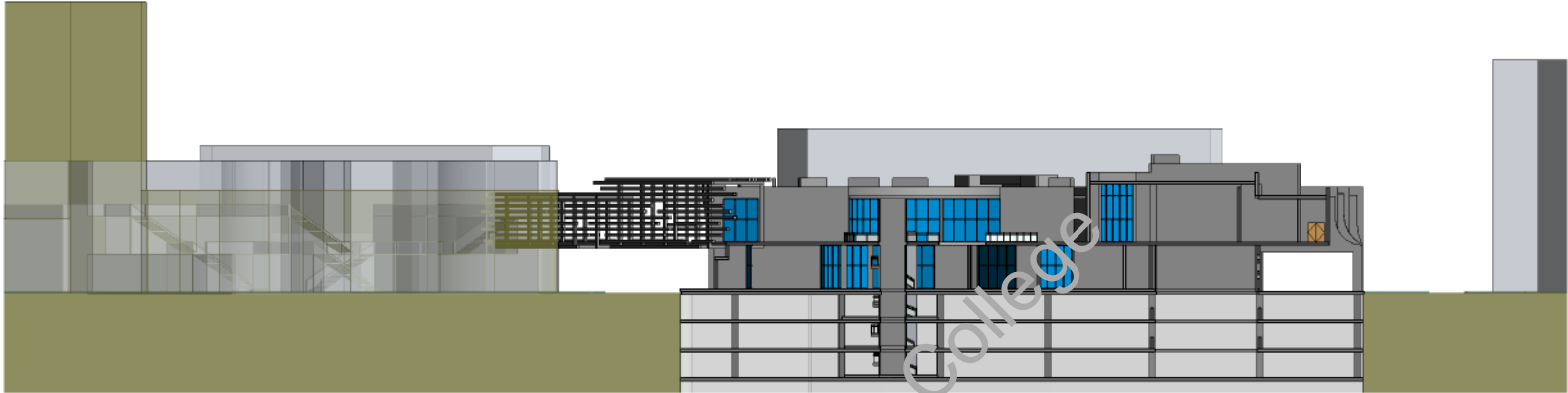
LEVEL 2
1" = 200'-0"



NORTH ELEVATION
1/64" = 1'-0"

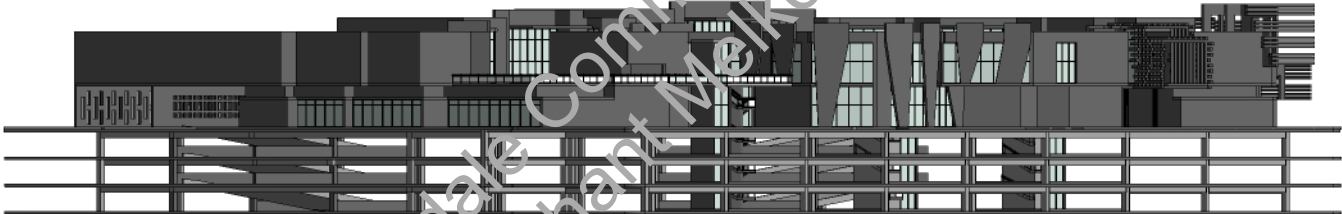


SOUTH ELEVATION
1/64" = 1'-0"



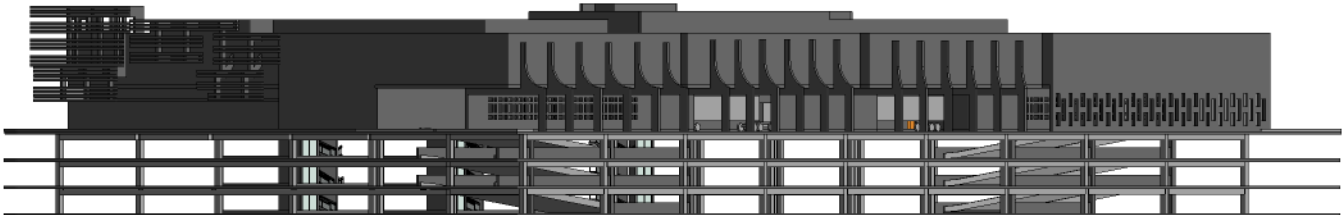
EAST ELEVATION SECTION CUT

1" = 60'-0"



EAST ELEVATION

1/64" = 1'-0"



WEST ELEVATION

1/64" = 1'-0"

MACARTHUR MIX-USE COMMERCIAL BUILDING

Los Angeles, CA

ABOUT SITE LOCATION:

The site is located on Wilshire Boulevard, midway between the Miracle Mile to the West and the Central Business District to the East. It is a gateway to the Downtown and Center City West areas. Its visual prominence is emphasized by its location adjacent to MacArthur Park. The station site is located at the geographic center of a predominantly Central and South American district extending along Alvarado Street, from the Echo Park community to the North Hollywood Freeway to the Pico Union community to the South.

PROJECT DISCRIPTION:

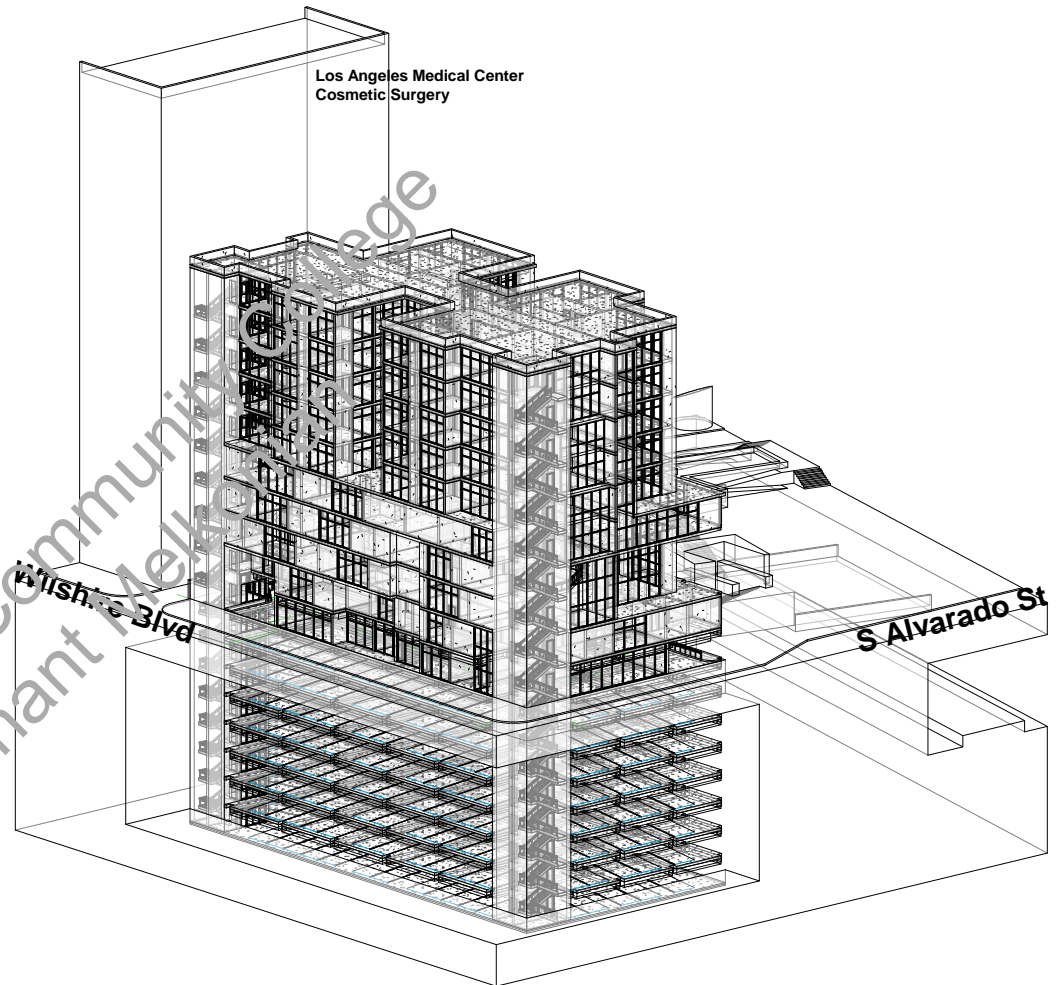
Students are asked to design and proposed a new commercial mix-use high rise building with circulation or program connecting to the metro station below. The address is 650 South Alvarado Street, Los Angeles, CA. The corner of South Alvarado Street and Wilshire Blvd across from MacArthur Park, next to Westlake/MacArthur Park Metro Station. The area of the site is 16,081 sq ft. or 0.36 acre of land since 1 acre = 43,560 sq ft. Total high of building must be 120' - 0".

Required programs in building consists of 5 major parts.

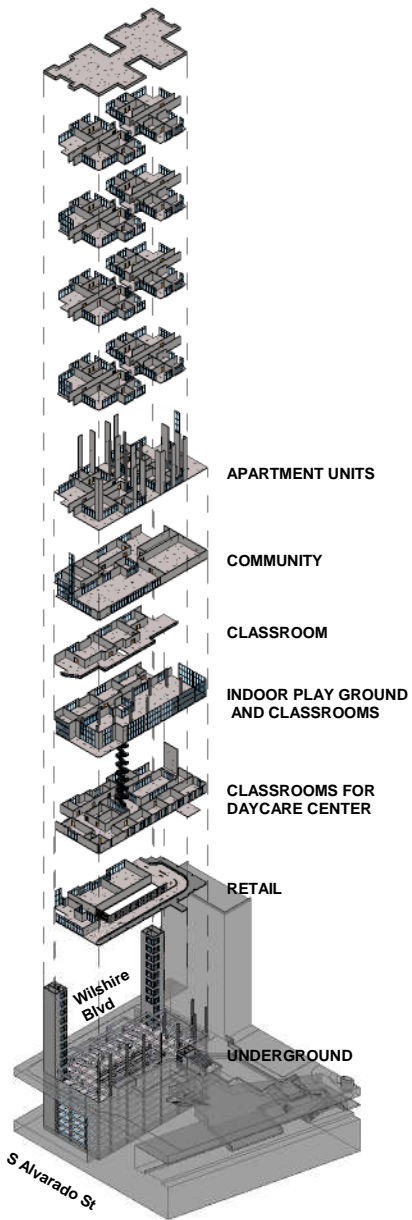
- Retail
- Neighborhood Community Center
- Child Daycare Center
- 10 One Bedroom Apartment Units and 15 Two Bedroom Apartment Units
- Underground Parking

DESIGN STATEMENT:

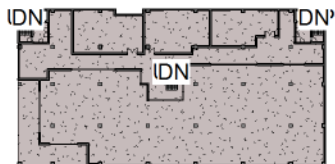
The design intent was to integrate the given programs within the provided circulation that travels both vertically and horizontally. As a result, by default the volume of each program space is effected by this since the maximum height that the project could go up is only 120'.



THIS IS A RENDERING WIREFRAME IMAGE OF THE NORTH-WEST VIEW.



EXPLODED VIEW



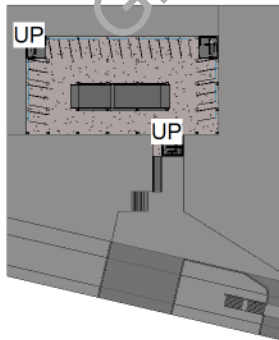
LEVEL 3
1" = 100'-0"



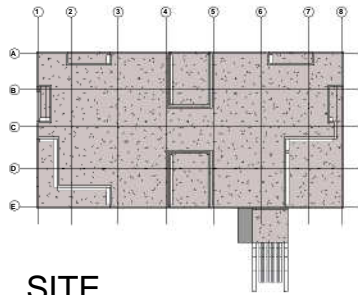
LEVEL 2
1" = 100'-0"



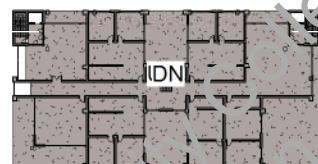
LEVEL 1
1" = 100'-0"



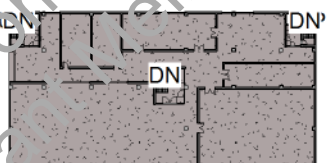
LEVEL -2
1" = 160'-0"



SITE
1" = 100'-0"



LEVEL 6
1" = 100'-0"



LEVEL 5
1" = 100'-0"



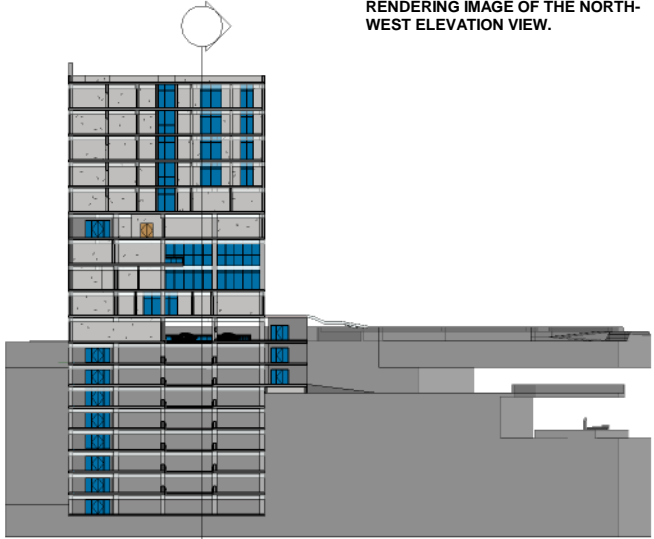
LEVEL 4
1" = 100'-0"



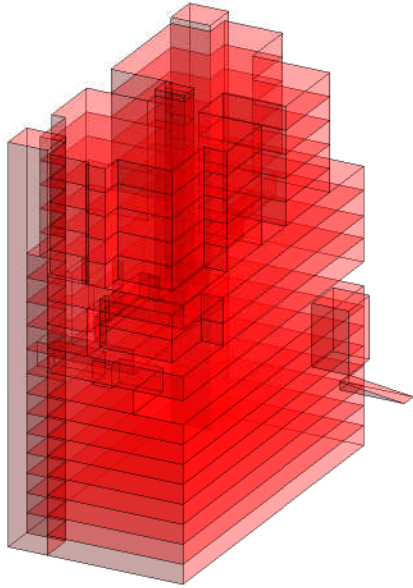
MODEL IMAGE OF THE SOUTH ELEVATION VIEW 1/50" SCALE.



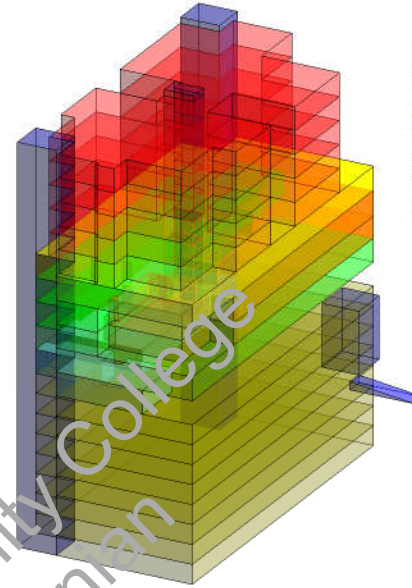
RENDERING IMAGE OF THE NORTH-WEST ELEVATION VIEW.



EAST ELEVATION SECTION CUT
1" = 100'-0"



PARTI DIAGRAM

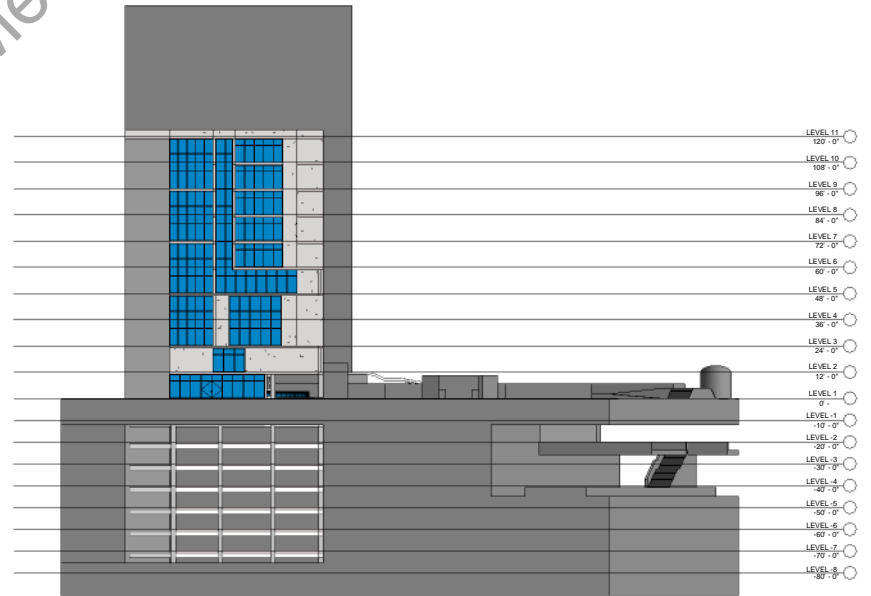


- APARTMENT
- COMMUNITY
- INDOOR PLAY
- CHILD DAYCARE
- RETAIL
- UNDERGROUND
- CIRCULATION

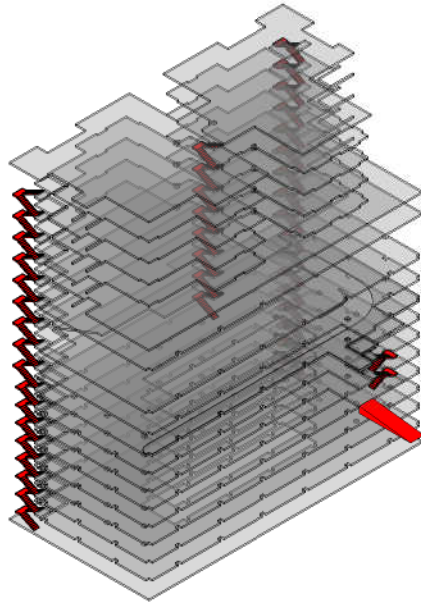
PROGRAM DIAGRAM



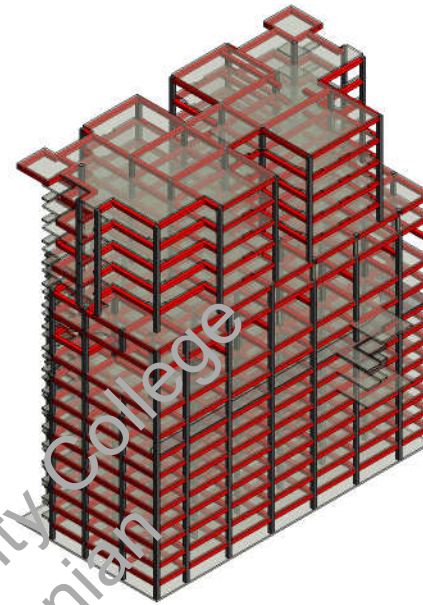
EAST ELEVATION
1" = 80'-0"



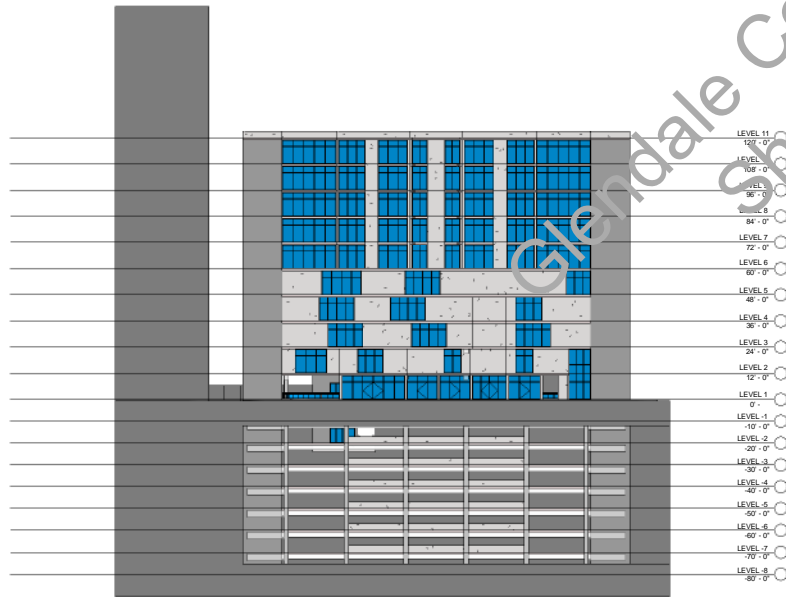
WEST ELEVATION
1" = 80'-0"



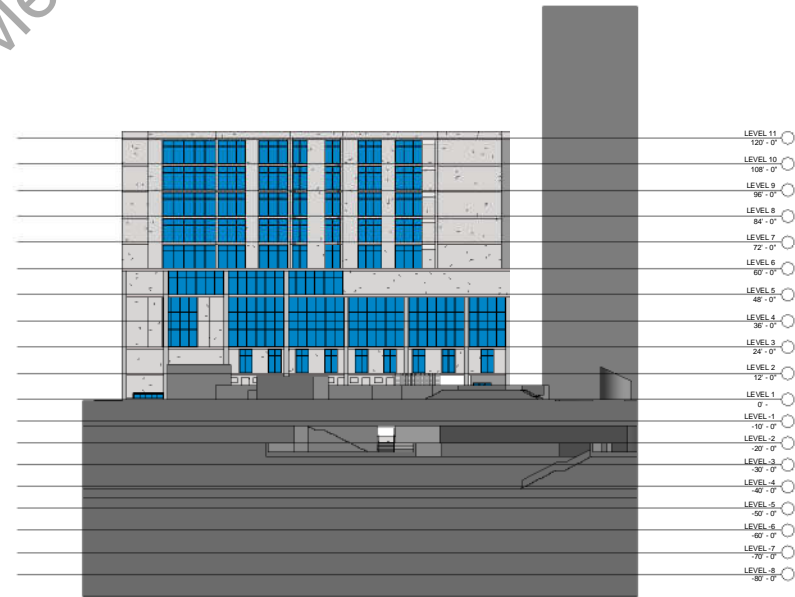
CIRCULATION DIAGRAM



STRUCTURE



NORTH ELEVATION
1" = 80'-0"



SOUTH ELEVATION
1" = 80'-0"

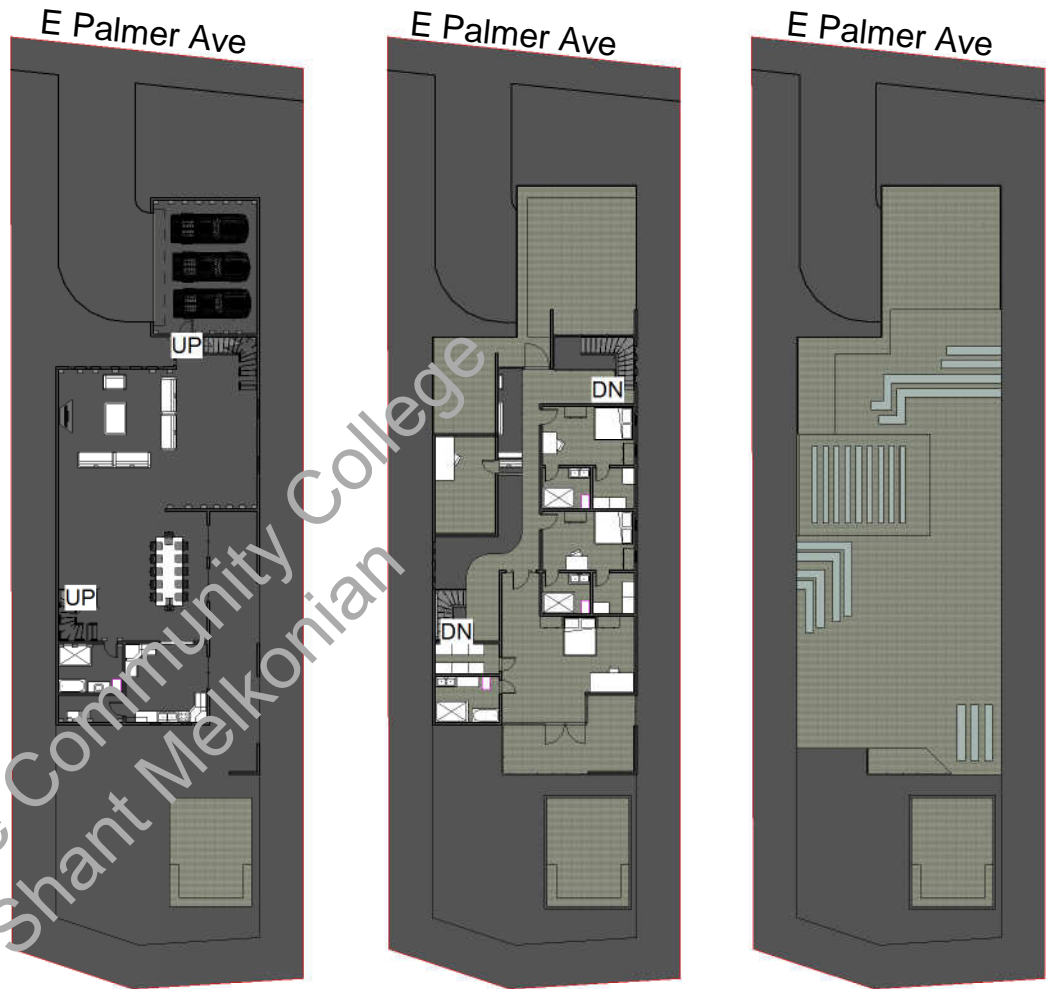
SITE INFORMATION:

The project site is located on 708 E. Palmer Avenue, Glendale, CA 91205. Before designing our project there is a list of set parameters that we needed to follow. The project site is angled about 5 degrees which needed to be aligned before building. We also need an 8 feet set back around the perimeter of the project. In addition, we need to include 2 staircases with two exits that would lead out of the house in case of an emergency.


DESIGN HOUSE FOR MAGICIAN


The design concept was to create an open floor plan with having minimal usage of vertical walls to give the illusion that the floor up above is floating in air. This was achieved by having the columns and the beams underneath the second floor hold up the weight.


After spending a lot of time researching my clients profession. I arrived to the conclusion that what a magician does is to create an optical illusion on the viewers eyes. By making them see what they want to portray while at the same time hiding what really is causing the illusion to occur in the first place. If we take a look at level 2 we would find a void which divides the office space from the bedroom areas. The floor connection which leads into the office space is all made of thick glass giving the illusion that the magician is floating.



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 LEVEL 1
1/32" = 1'-0"

 LEVEL 2
1/32" = 1'-0"

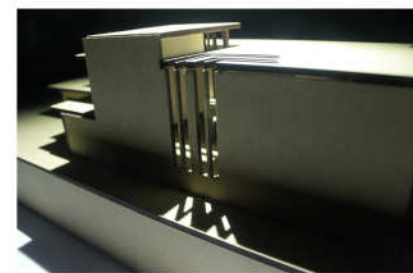
 SITE
1/32" = 1'-0"



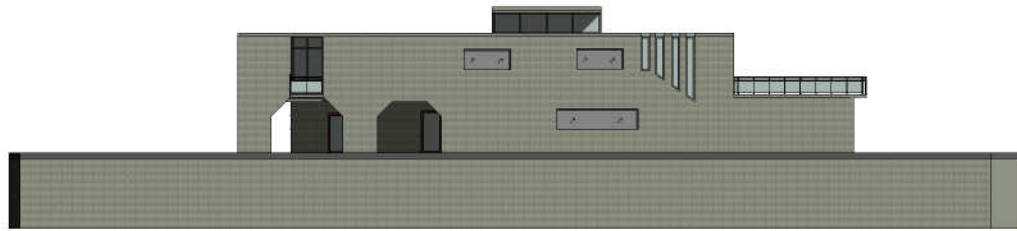
NORTH VIEW OF FAMILY ROOM



MODEL IMAGE OF THE NORTH-EAST ELEVATION
VIEW 1/8" SCALE.



MODEL IMAGE OF THE SOUTH-WEST ELEVATION
VIEW 1/8" SCALE.



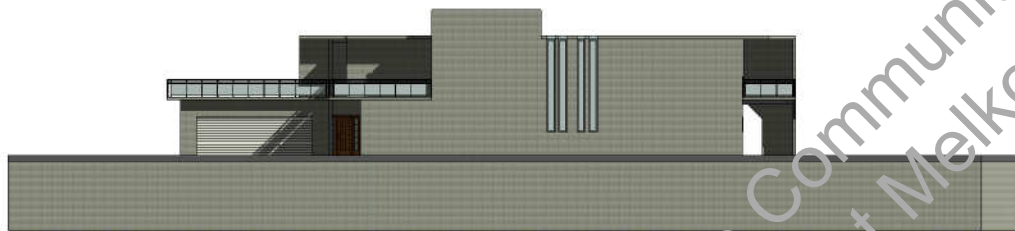
EAST ELEVATION

1" = 30'-0"



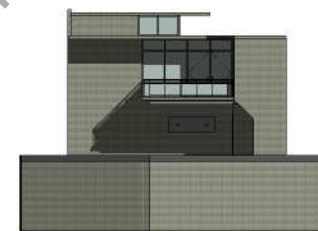
NORTH ELEVATION

1" = 30'-0"



WEST ELEVATION

1" = 30'-0"



SOUTH ELEVATION

1" = 30'-0"



WEST LONGITUDE BUILDING SECTION

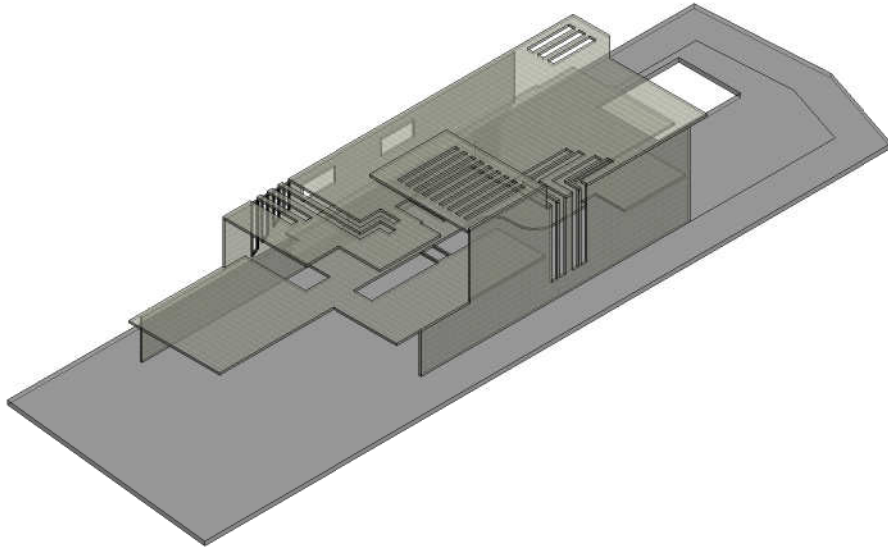
1" = 30'-0"



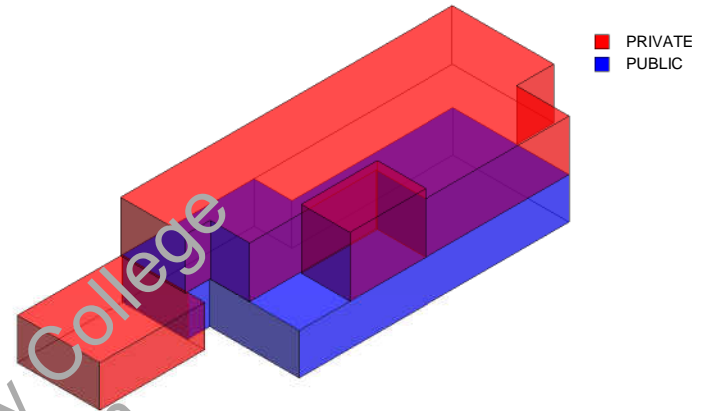
NORTH CROSS BUILDING SECTION

1" = 30'-0"

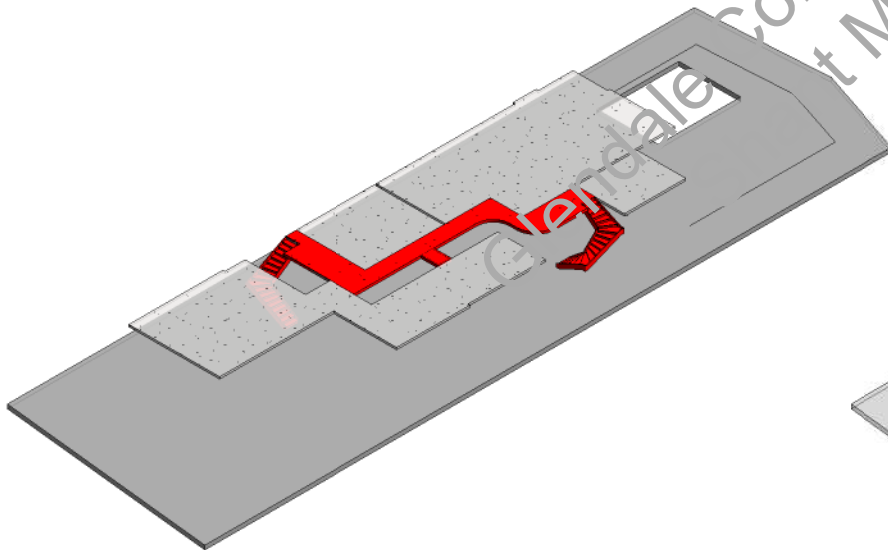
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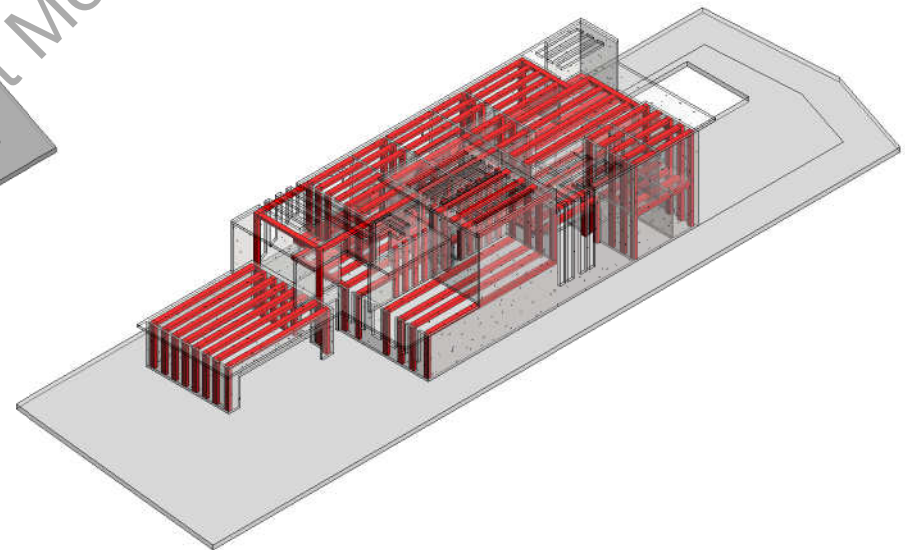
PARTI DIAGRAM



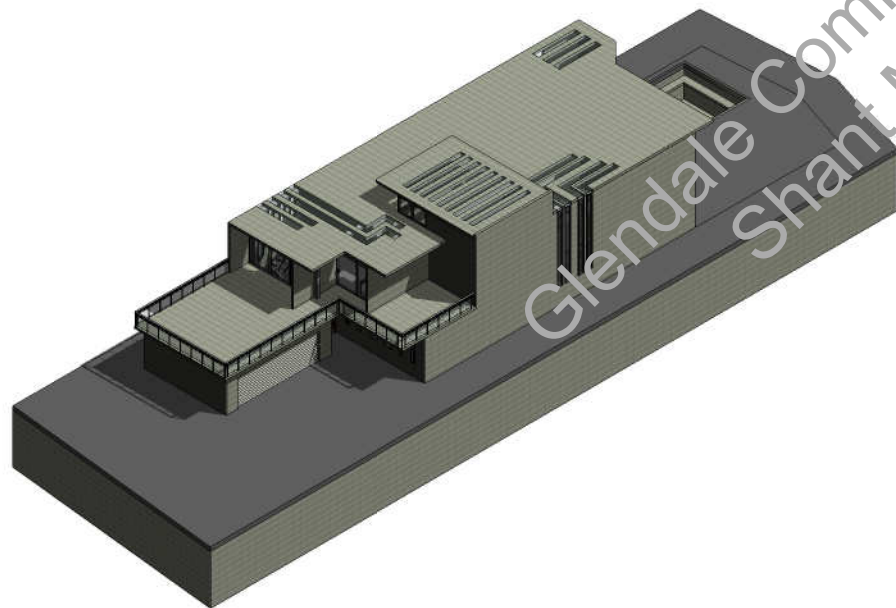
PROGRAM DIAGRAM



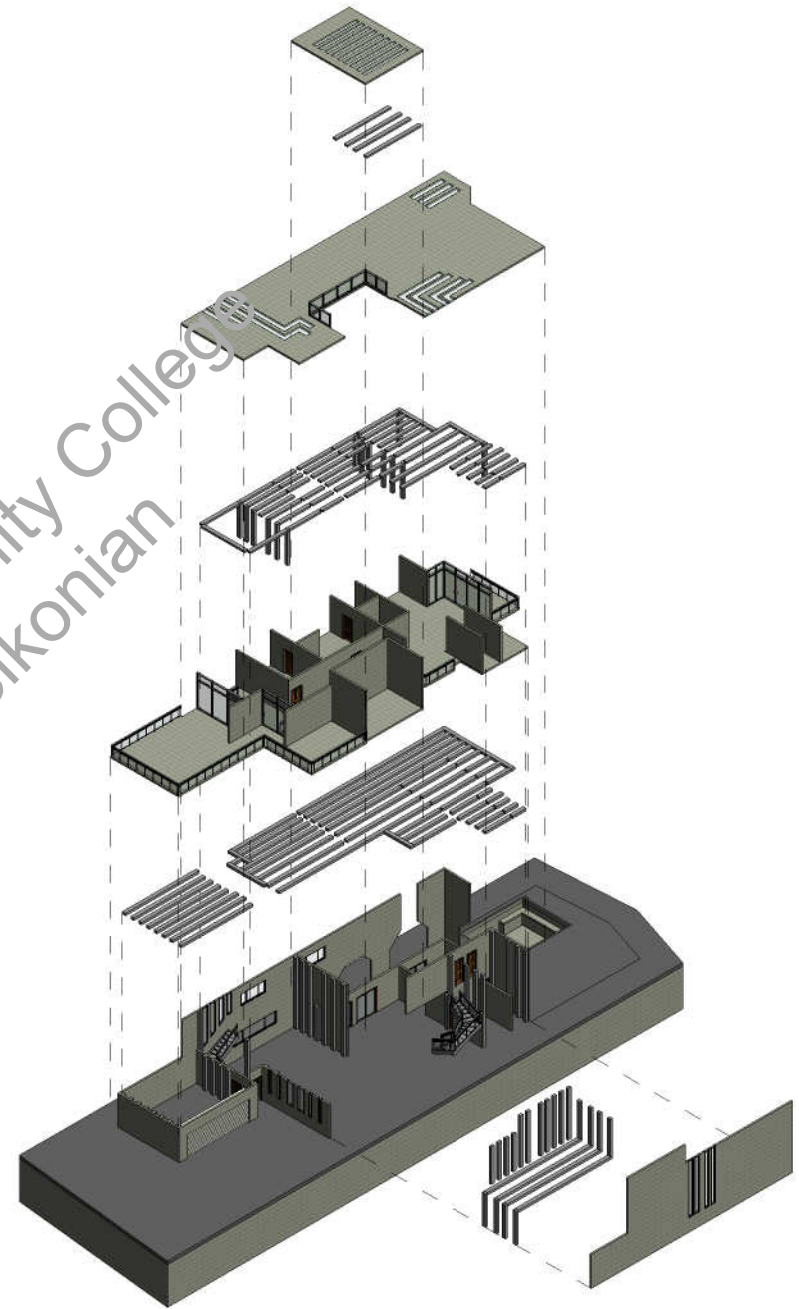
CIRCULATION DIAGRAM



STRUCTURE DIAGRAM



NORTH-WEST VIEW



EXPLODED DIAGRAM

THREE BAR MIX-USE

Miami Beach, FL

PROJECT INFORMATION:

The architectural firm that designed this project was done by LTL Architects. The firm was founded in 1997 by Paul Lewis, Marc Tsurumaki and David J. Lewis, located in New York City. LTL Architects engages a diverse range of work, from large scale academic and cultural buildings to interiors and speculative research projects. LTL Architects realizes inventive solutions that turn the very constraints of each project into the design trajectory, exploring opportunistic overlaps between space, program, form, and materials.

While in most mixed-use projects programmatic zones are indifferently staked one on top of the other, this design creates overlaps and interdependencies between its component parts. The principle design challenge was the relationship between the units and the exterior spaces they defined. Various schemes (Split bar, L-Shape, and Three Bar) were considered that negotiated differing typologies of exterior space, relationships between living and working which in turn determines unit sizes and numbers.

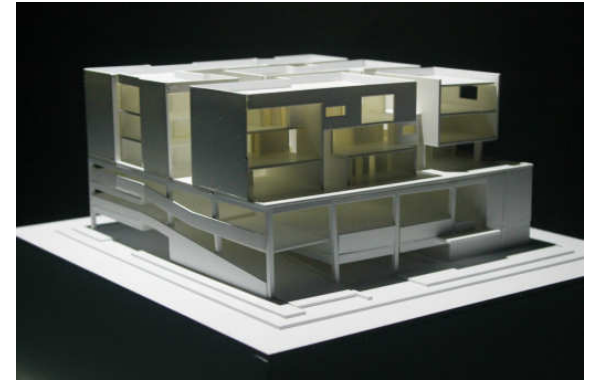
For this assignment we were asked to take a design from an architect and make it our own. We didn't receive any floor plans or measurements so all we had to go by was just a few 3D views.

Required programs in this project consists of 4 major parts.

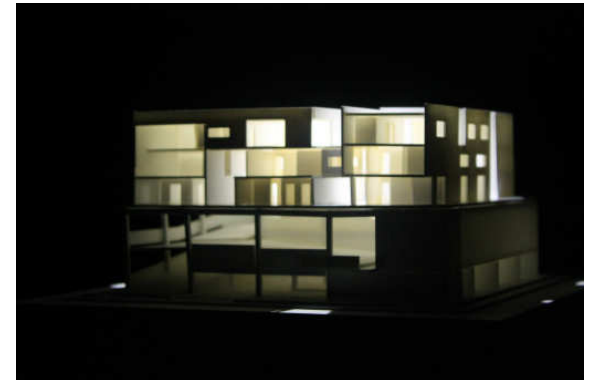
- Retail
- Ground Level Parking
- Living Space
- Office Space

DESIGN CONCEPT:

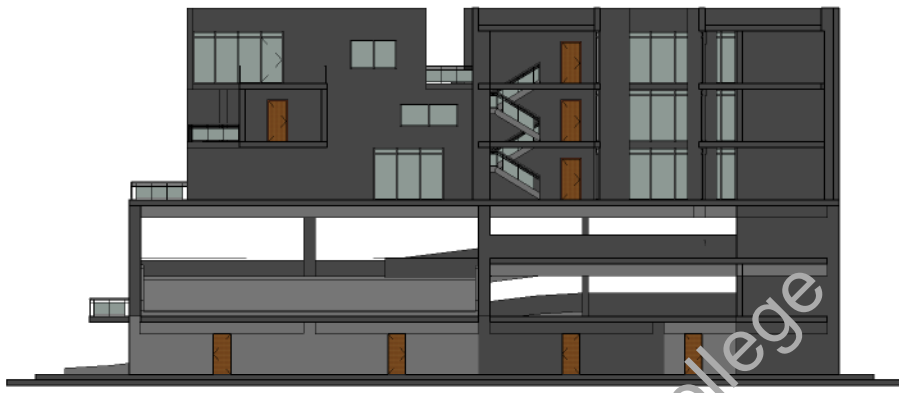
The way I made this design my own was through completely changing the exterior walls of the office area. This was achieved by making the exterior walls go in and out while at the same time making a repeating pattern of the walls change for storefront walls back to solid walls this design motif is implemented all throughout the project. The other way I made this design my own was by adding in a separate set of circulation for the apartment layout area.



MODEL IMAGE OF THE NORTH-WEST ELEVATION VIEW 1/16" SCALE.

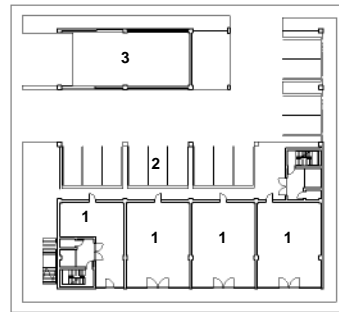


MODEL IMAGE OF THE SOUTH-WEST ELEVATION VIEW 1/16" SCALE.



WEST ELEVATION SECTION CUT

1" = 30"-0"

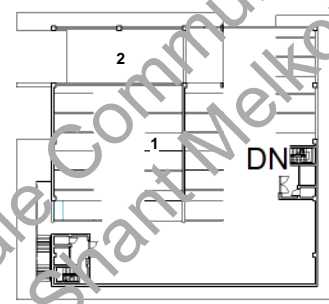


LEGEND:

- 1. RETAIL SHOPS
- 2. PARKING AREA
- 3. RAMP

LEVEL 1

1" = 80"-0"

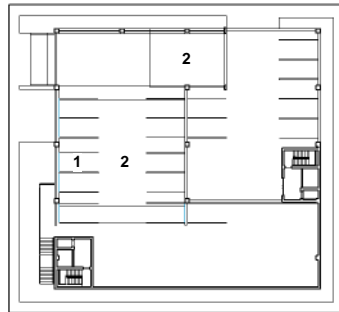


LEGEND:

- 1. PARKING AREA
- 2. RAMP

LEVEL 2

1" = 80"-0"

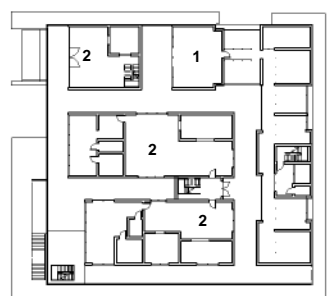


LEGEND:

- 1. PARKING AREA
- 2. RAMP

LEVEL 3

1" = 80"-0"

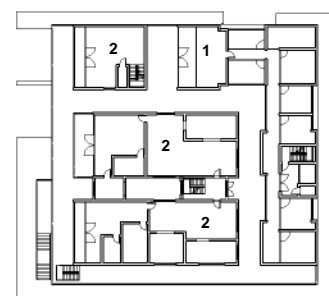


LEGEND:

- 1. OFFICE SPACE
- 2. APARTMENT UNITS

LEVEL 4

1" = 80"-0"

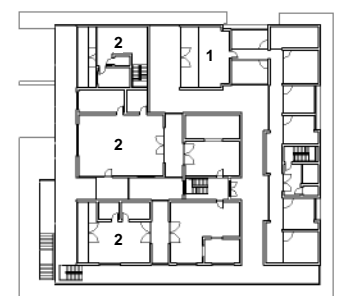


LEGEND:

- 1. OFFICE SPACE
- 2. APARTMENT UNITS

LEVEL 5

1" = 80"-0"

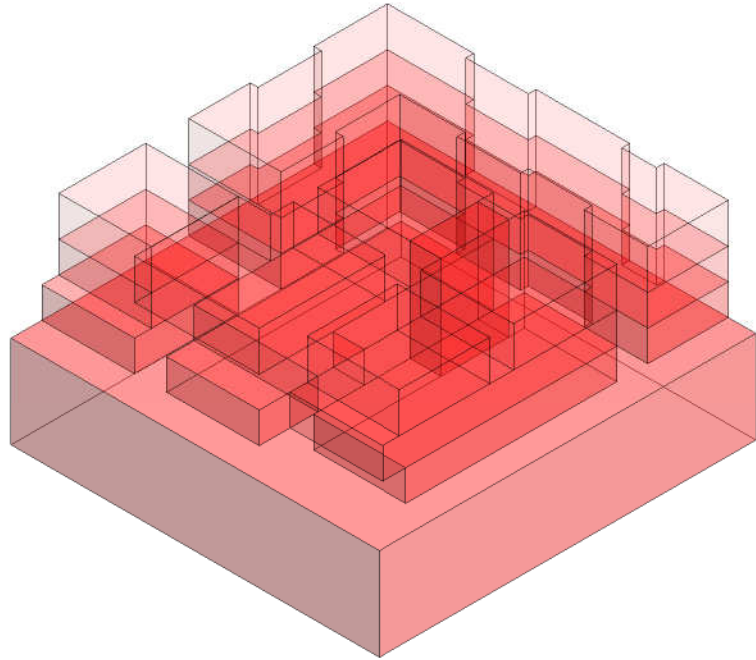


LEGEND:

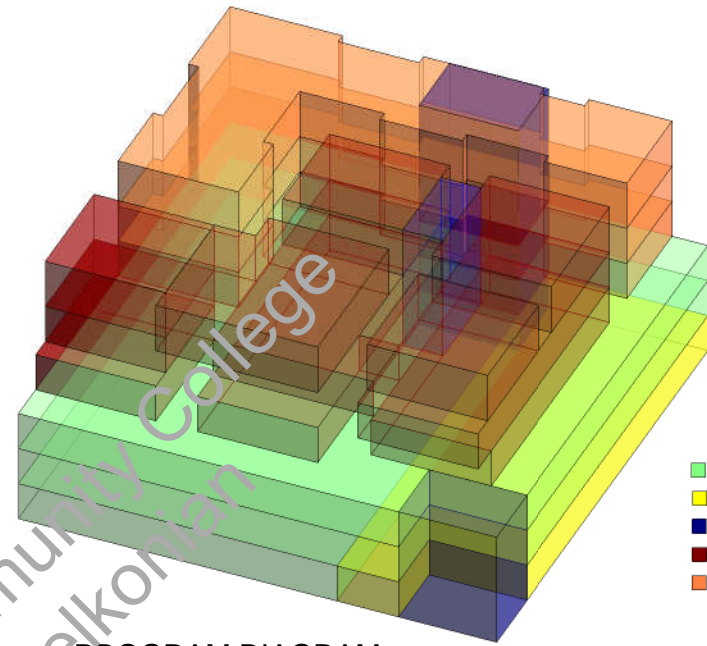
- 1. OFFICE SPACE
- 2. APARTMENT UNITS

LEVEL 6

1" = 80"-0"



PARTI DIAGRAM

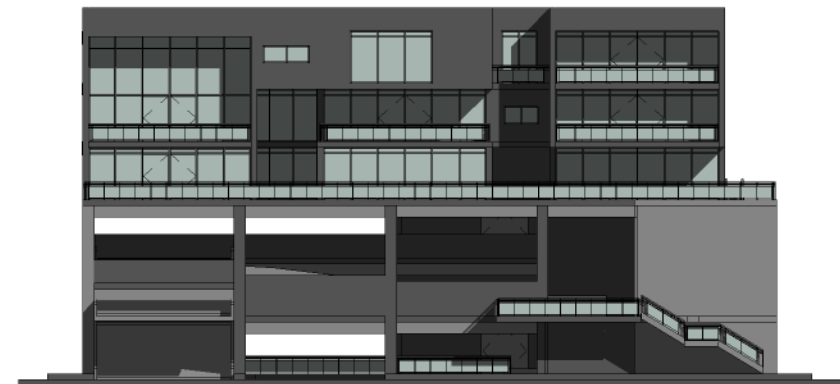


PROGRAM DIAGRAM



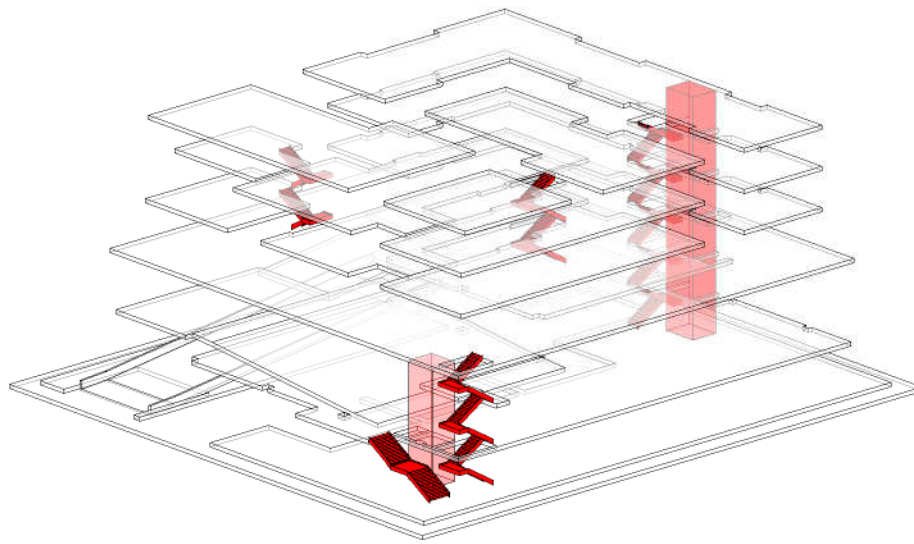
EAST ELEVATION

1' = 30'-0"

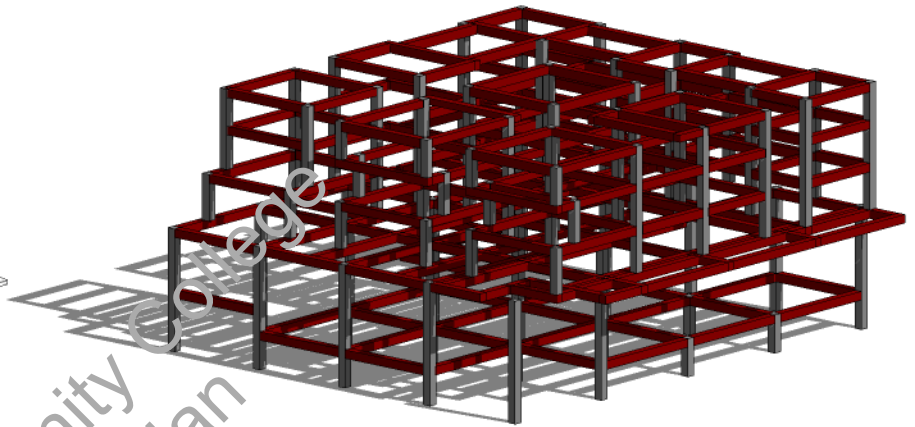


WEST ELEVATION

1' = 30'-0"



CIRCULATION DIAGRAM



STRUCTURE DIAGRAM



NORTH ELEVATION

1" = 30'-0"



SOUTH ELEVATION

1" = 30'-0"

BODRUM HOUSE THREE

Yalikavak, Turkey

PROJECT DISCRIPTION AND CONCEPT:

The architect who designed the Bodrum House is Richard Meier his geometric designs make prominent use of the color white. Much of Meier's work builds on the work of architects of the early to mid-20th century, especially that of Le Corbusier and, in particular, Le Corbusier's early phase. Meier has built more using Corbusier's ideas than anyone, including Le Corbusier himself. Meier expanded many ideas evident in Le Corbusier's work, particularly the Villa Savoye and the Swiss Pavilion. Composed of twenty-one other houses which are located just outside the village of Yalikavak on Turkey's Bodrum Peninsula, this project is designed on a steep hillside featuring views to Yalikavak Bay. The site's dramatic topography makes each lot unique and provides privacy from its surrounding neighbors. The house is approximately comprising 330 square meters plus an additional 40 square-meter guest house.

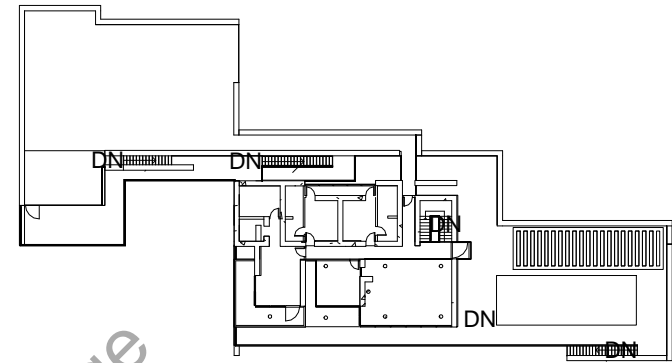
The houses are intended to read as a single object on the landscape, giving them a cubic appearance. Therefore, exterior spaces are "carved out" of the structures' volumes while remaining under an overarching roof, giving each house a subtractive sculptural quality. In addition each houses exterior walls are finished with a flat white finish to capture the shadows that are cast down onto the site by the sun light.



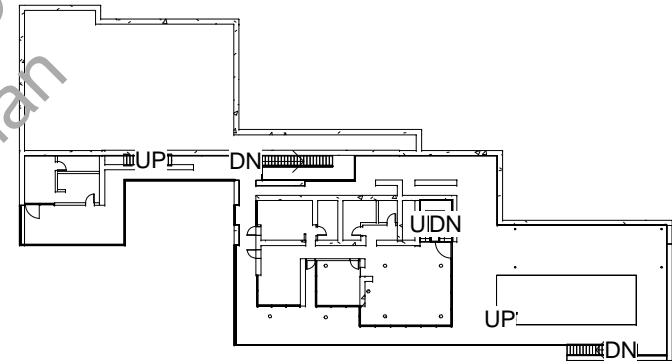
MODEL IMAGE OF THE NORTH ELEVATION
VIEW 1/8" SCALE.



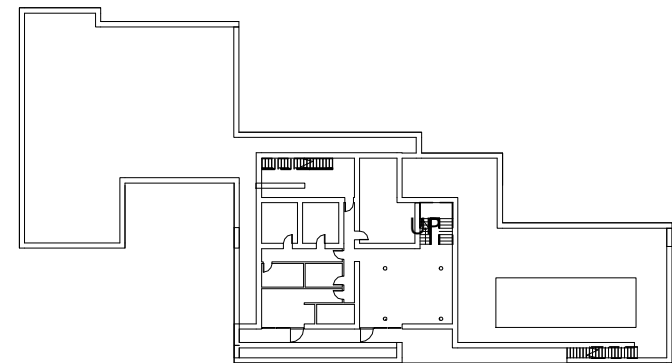
MODEL IMAGE OF THE SOUTH ELEVATION
VIEW 1/8" SCALE.



LEVEL 2
1" = 50'-0"



LEVEL 1
1" = 50'-0"



BASEMENT
1" = 50'-0"



EAST ELEVATION

1" = 20'-0"



WEST ELEVATION

1" = 20'-0"



NORTH ELEVATION

1" = 20'-0"



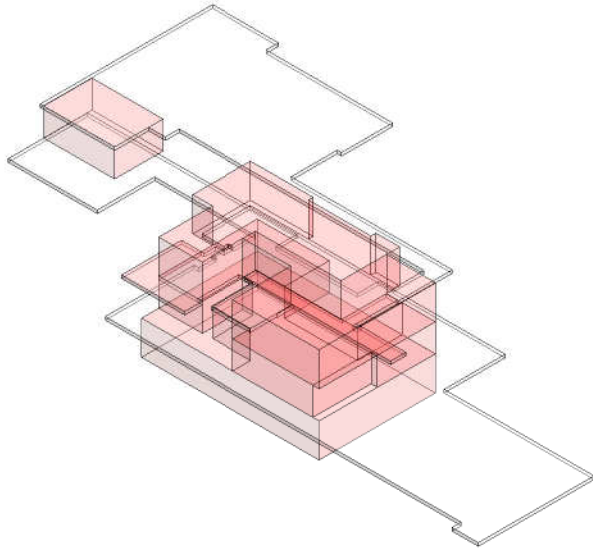
SOUTH ELEVATION

1" = 20'-0"

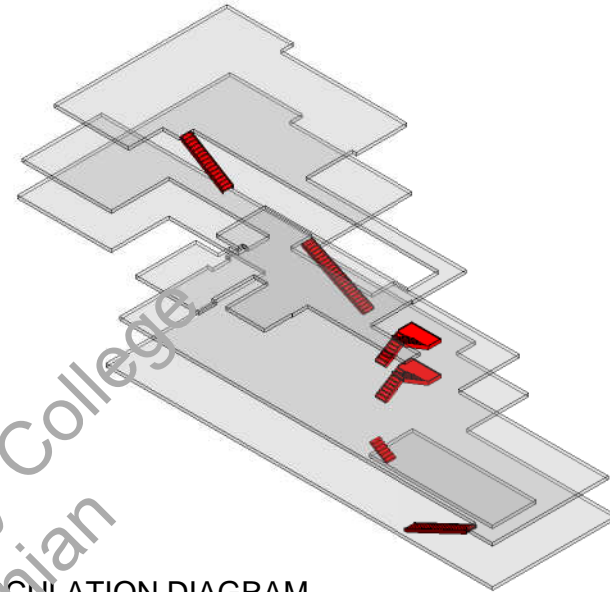


INTERIOR RENDERING OF THE FAMILY ROOM.

Glendale Community College
Shant Malkonian

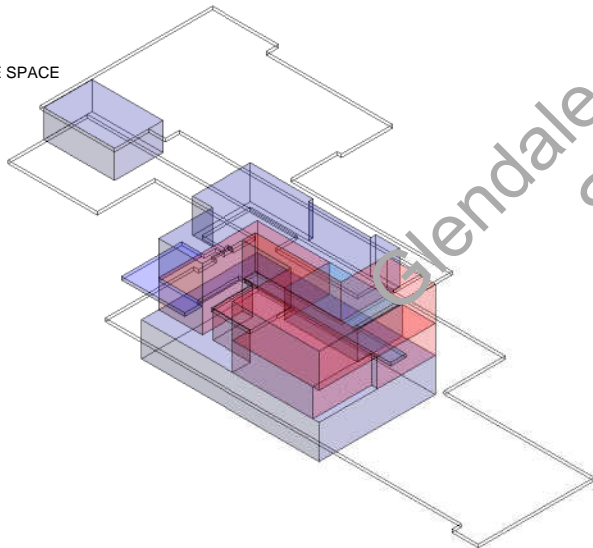


PARTI DIAGRAM

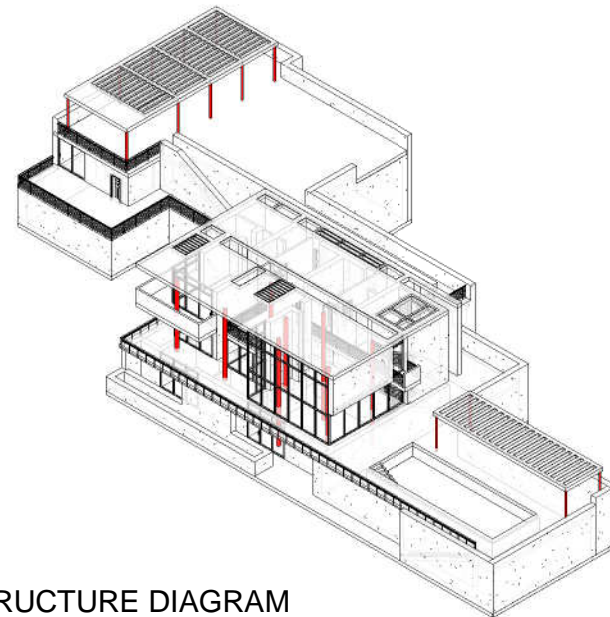


CIRCULATION DIAGRAM

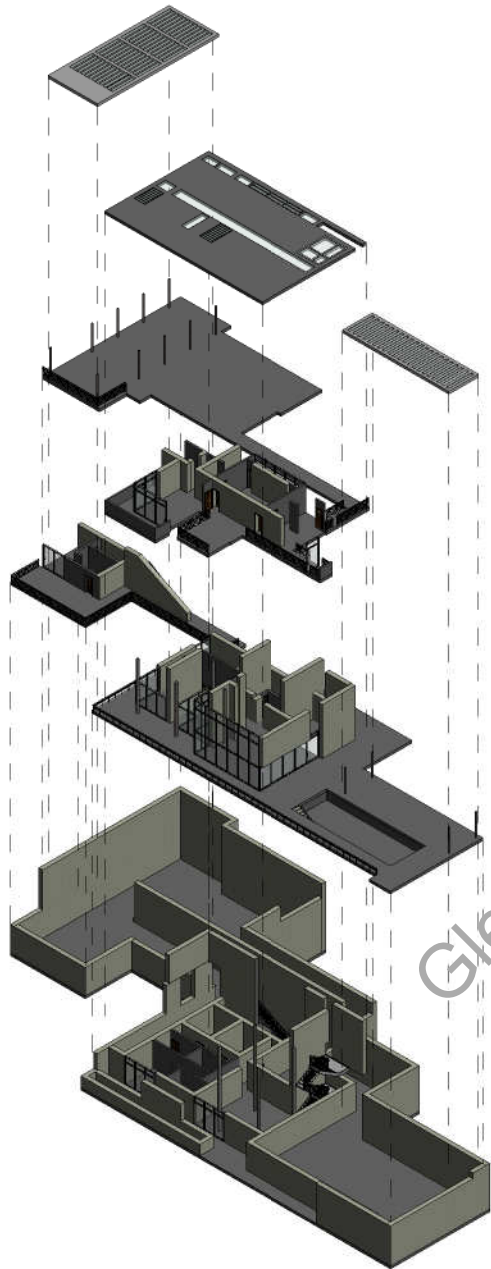
- PUBLIC
- PRIVATE SPACE



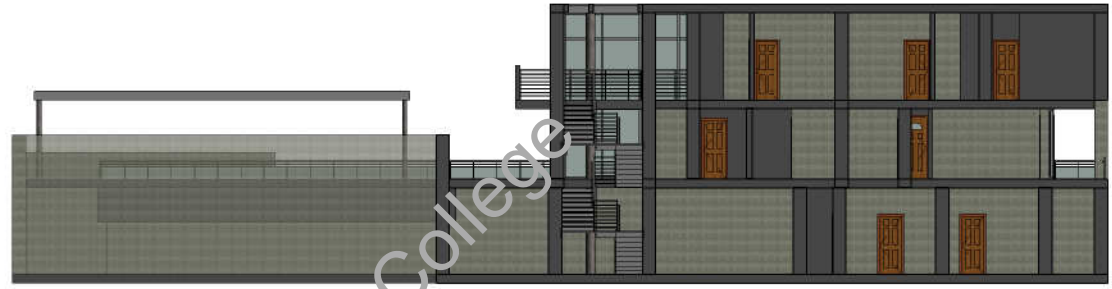
PROGRAM DIAGRAM



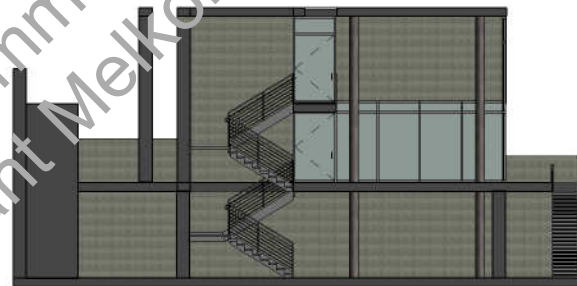
STRUCTURE DIAGRAM



EXPLODED DIAGRAM



SOUTH ELEVATION SECTION CUT



SOUTH ELEVATION SECTION CUT



THANK YOU VERY MUCH FOR TAKING THE
TIME AND REVIEWING MY PORTFOLIO.