

**VAHEN ZARUKIAN**

ARCHITECTURAL PORTFOLIO

**GLENDALE COMMUNITY COLLEGE**






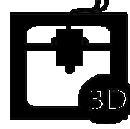



2017-2020



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# SKILLS

	Autocad		Hand Sketching
	Revit		Laser Cut
	Sketchup		3D Printing
	Rhino		Model Making
	Photoshop		

Glendale Community College  
Vahen Zarukian

# ACHIEVEMENTS

## Glendale Community College Student Tenants Improvement Project 2019



## Architectural Interior Design Skill Award - 2019



## Platform Return Community College Exhibition At WUHO - 2019



## Glendale Tech Week - 2018



# SENIOR MIX-USED HOUSING PROJECT

Residential Architectural Design II - Arch 125

Instructor: Paul Chiu

Glendale Community College Winter 2019 (5 weeks)

The project is located at 520 Pico Blvd, Los Angeles, CA. the corner of Pico Blvd, and South Flower Street, a block away from the Los Angeles Convention Center nearby Pico Metro Blue line metro station. The area of the site is 46,269sq ft. The requirements of the program are 53 residential units, shared facilities, retail store, and total 200 parking spaces including accessible spaces.



1/16" scale model  
view from east



er St

Flower St

Flower St

Architects Corner

ssions

1334 S Flower St

W Pico Blvd

Kents

S Pembroke Ln

Cameron Ln

W Pico Blvd

VAMOS E Forward

Hope St

S Hope St

S Hope St

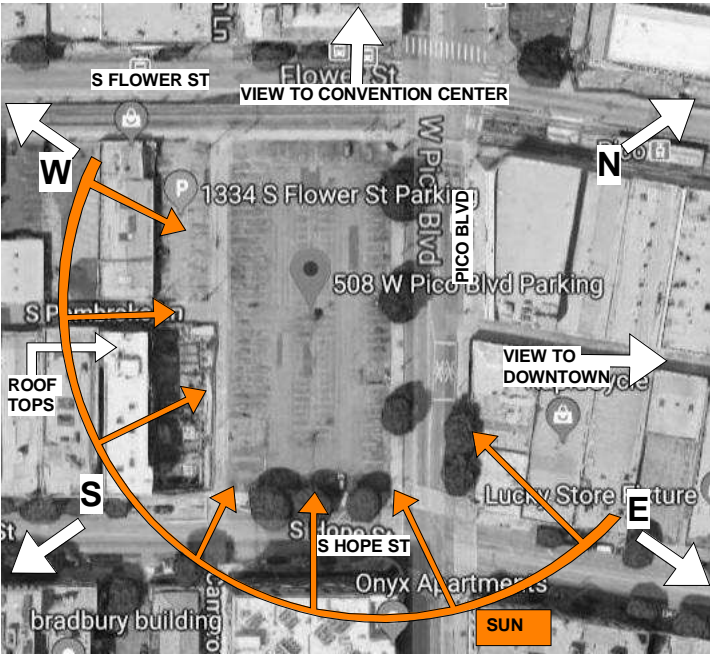
Metropolitano

Cameron



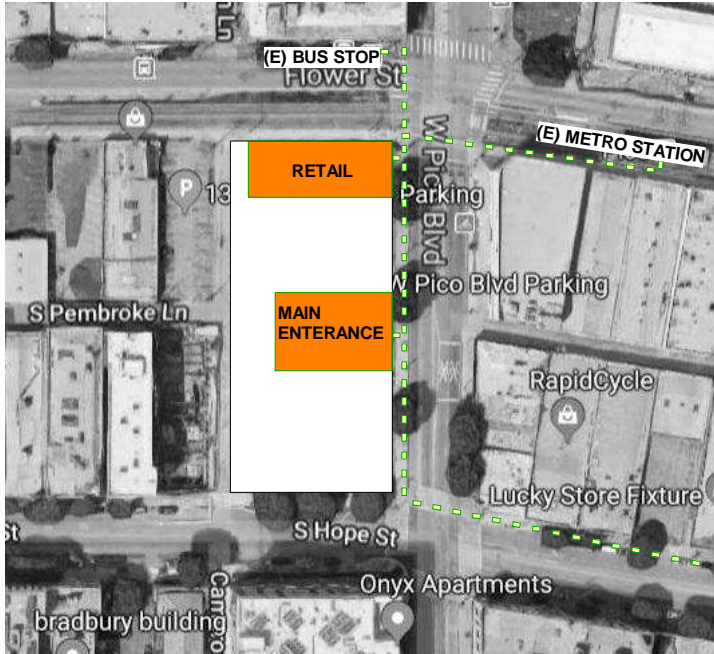
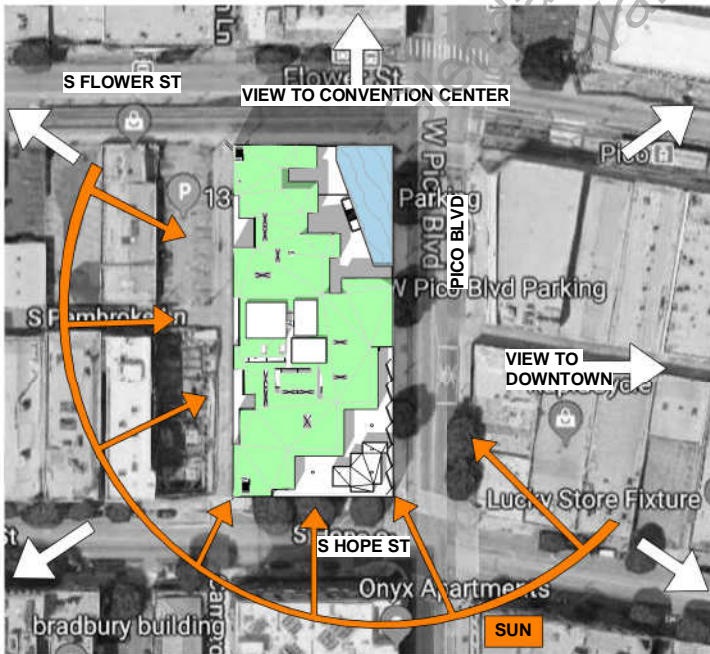
EXISTING SITE ANALYSIS

EXISTING PEDESTRIAN CIRCULATION

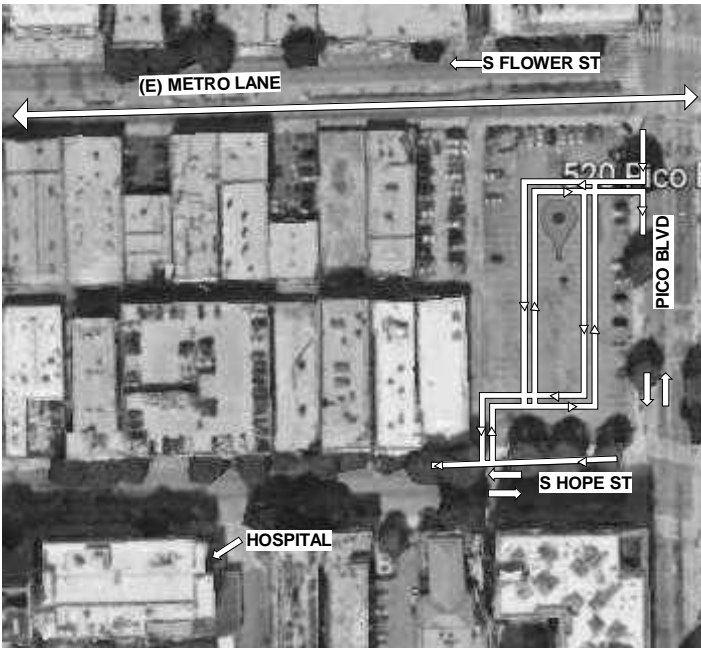


PROPOSED SITE PLAN

PROPOSED PEDESTRIAN CIRCULATION



Wahen Zarukian  
Wahen Zarukian Community



**A-** The senior housing projects need to be different from regular apartments because there are additional and specific needs that should be considered.

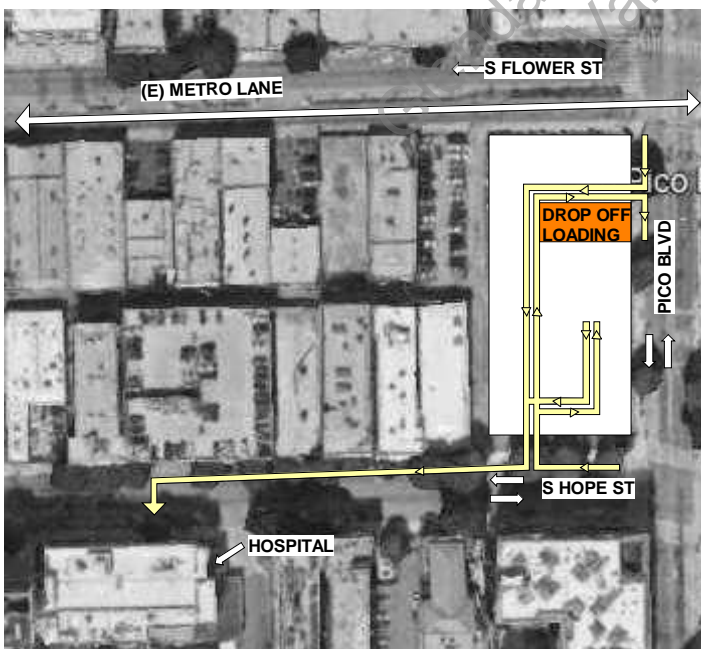
**B-** This project has nursing center and kitchen on each floor, one center per group of residents, to improve the residents' health and prepare their meal.



**C-** There are lounge and community room for special programs and residents can interact. Moreover, other facilities like gym, library, and massage center are very practical which are located on the first floor.



PROPOSED VERNACULAR CIRCULATION



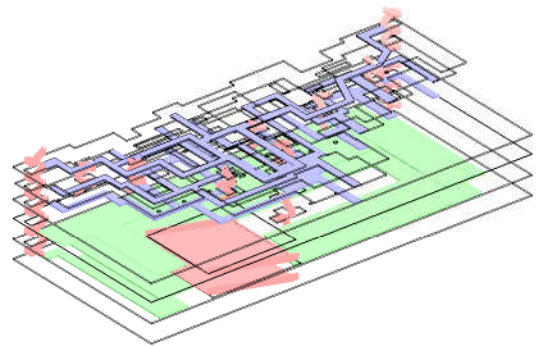
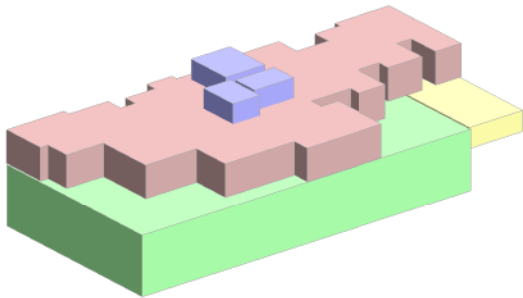
**D-** Green area is located on the roof which has different slopes for walking and enjoying sun light. In addition, there is walkway under the green area which is flat and proper for others.



**E-** It is located near the Dignity Health California Hospital. A short and straight driving path can be used for emergency situations. (See proposed vernacular circulation)

# PARTI DIAGRAM

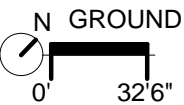
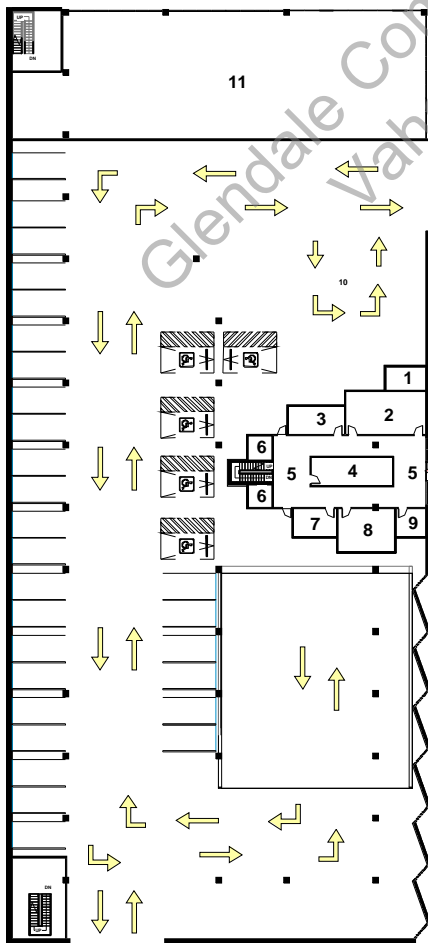
# CIRCULATION DIAGRAM



- RESIDENTIAL
- AMENITIES
- RETAIL
- PARKING

- HORIZONTAL RESIDENTIAL
- HORIZONTAL PARKING
- VERTICAL

- 1. GARBAGE ENCLOSURE
- 2. MAINTENANCE ROOM AND TOILETS
- 3. TECHNICAL ROOM
- 4. ADMINISTRATION OFFICE
- 5. ENTRY LOBBY
- 6. ELEVATOR
- 7. STORAGE
- 8. LOUNGE
- 9. ELECTRICAL CLOSET
- 10. DROP OFF
- 11. RETAIL



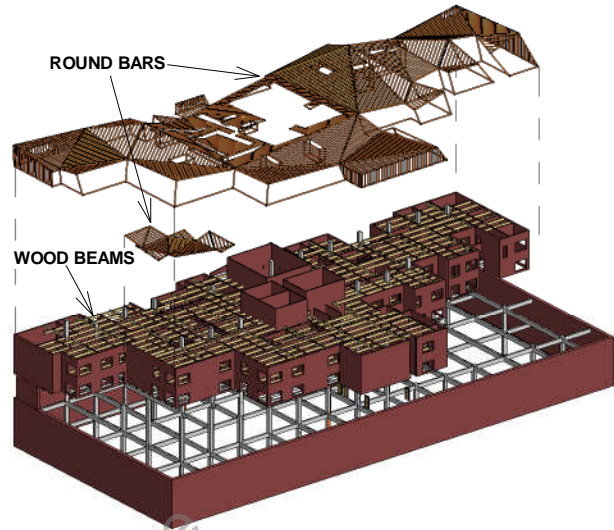
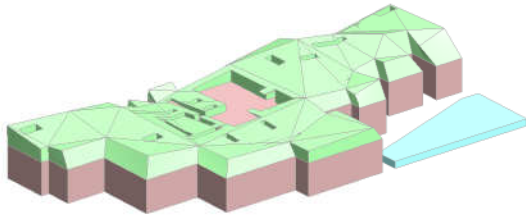
- 1. NURSING CENTER
- 2. KITCHEN
- 3. BATHROOM
- 4. LIBRARY
- 5. TRASH SHOOT
- 6. LIBRARY
- 7. LOUNGE
- 8. COMMUNITY
- 9. ELEVATOR
- 10. LAUNDRY
- 11. GYM
- 12. POOL
- 13. PATIO
- 14. MASSAGE CENTER

MAIN ENT.  
PICO BLVD



PROGRAM DIAGRAM

STRUCTURAL DIAGRAM



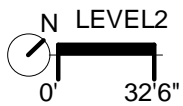
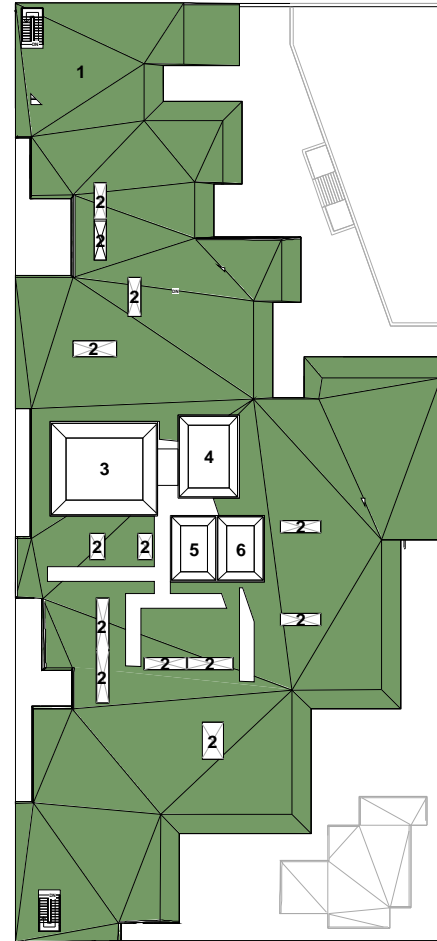
- SENIOR HOUSING
- POOL
- GREEN ROOF

- BEARING WALL
- CONCRETE COLUMNS AND BEAMS
- WOOD BEAMS
- ROUND BARS

1. NURSING CENTER
2. KITCHEN
3. BATHROOM
4. LIBRARY
5. MESSAGE CENTER
6. TRASH SHOOT
7. SKYLIGHT
8. LAUNDRY
9. ELEVATOR
10. GYM
11. COMMUNITY
12. LOUNGE

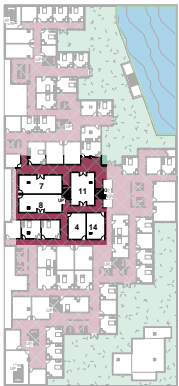


1. ROOF GREEN AREA
2. SKYLIGHT
3. LOUNG AND COMMUNITY ROOF
4. GYM ROOF
5. LIBRARY ROOF
6. MESSAGE CENTER ROOF





One kitchen and nursing center per 7- 8 people related to section B of concept



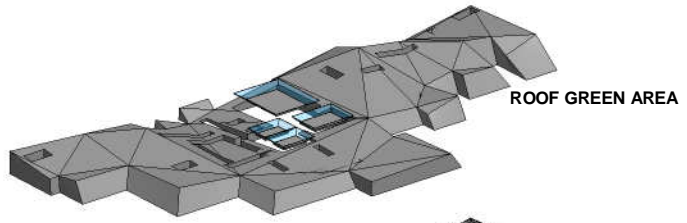
Entertainment and activity centers related to section C of concept



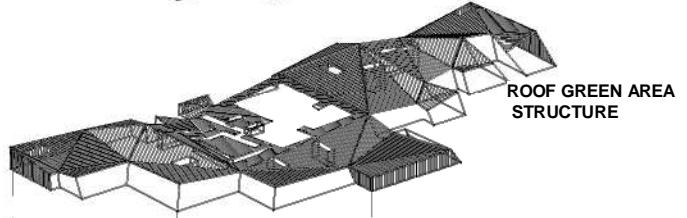
EAST VIEW



EXPLODED VIEW

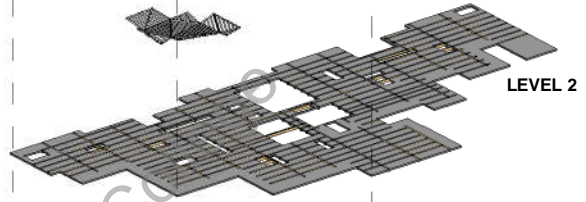


ROOF GREEN AREA

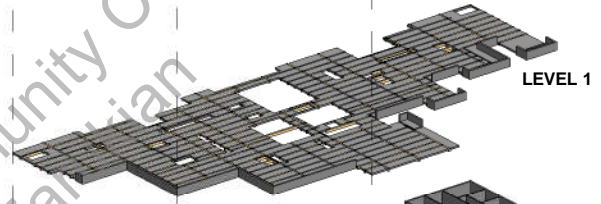


ROOF GREEN AREA STRUCTURE

SOUTH VIEW

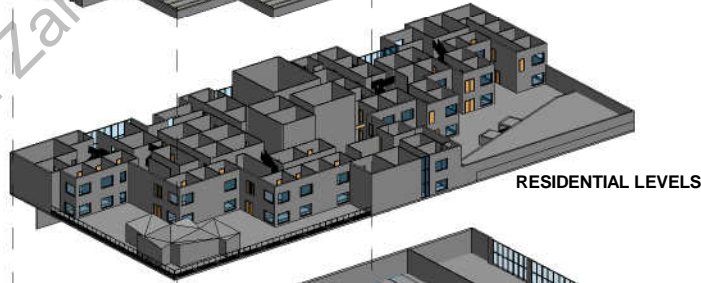
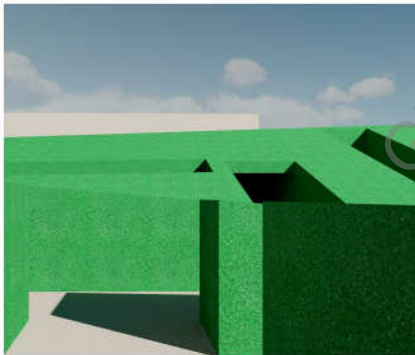


LEVEL 2

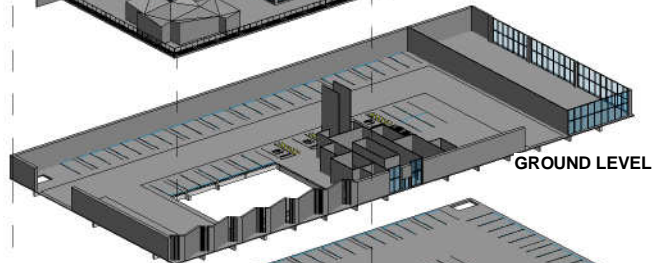


LEVEL 1

WALKING PATH ON THE ROOF

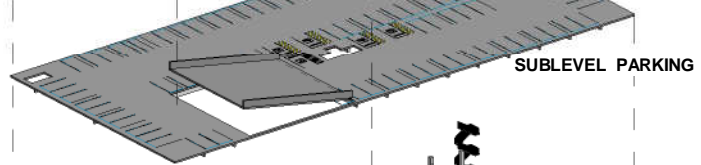
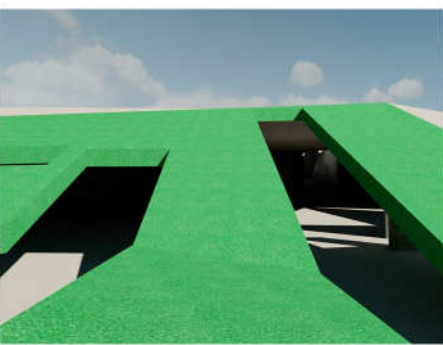


RESIDENTIAL LEVELS

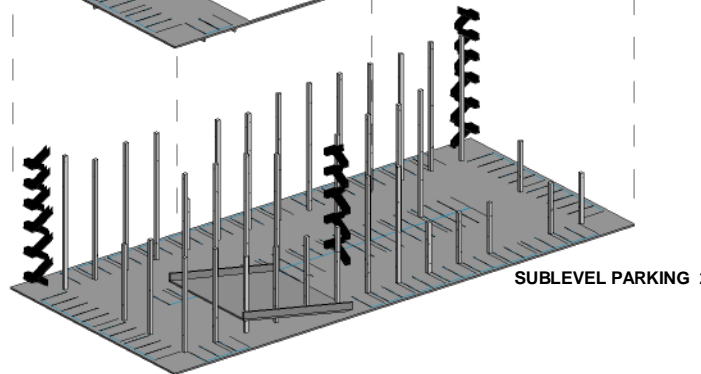


GROUND LEVEL

GREEN AREA ON THE ROOF

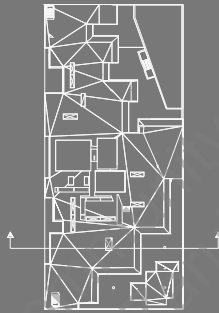


SUBLEVEL PARKING



SUBLEVEL PARKING 2

SECTION



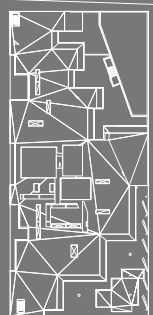
NORTH EAST ELEVATION

HOPE ST.

FLOWER ST.



FLOWER ST.

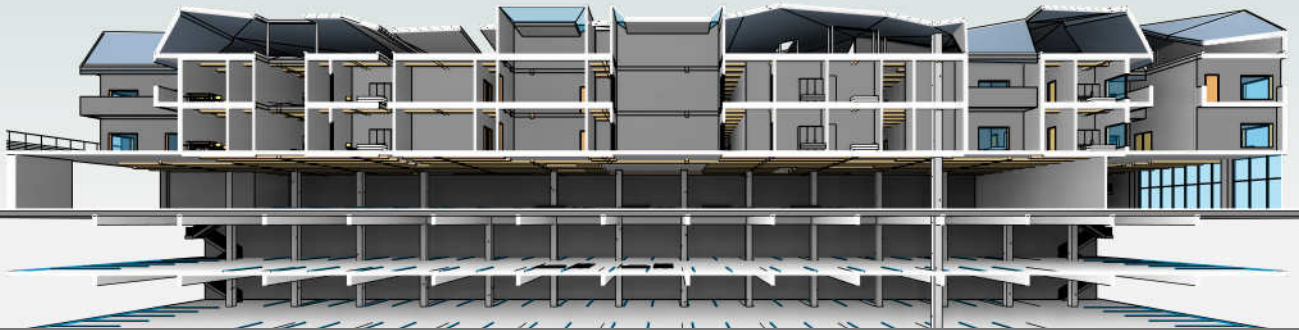


ELEVATION VIEW

HOPE ST.



SECTION



SOUTH WEST ELEVATION

FLOWER ST.

HOPE ST.



FLOWER ST.



ELEVATION VIEW →

HOPE ST.



# HOUSE FOR A SPIRITUAL PERSON

RESIDENTIAL ARCHITECTURAL DESIGN I - Arch 120

Instructor: Paul Chiu

Glendale Community College FALL 2018

The address of the site is 708 E. Palmer Avenue, Glendale, CA. The project is a custom three-bedroom house for a spiritual person. The area of the design lot is 9,082 sq. ft. A three-car garage, one master bedroom and two bedrooms with separate bathrooms with walk-in closet for each one, living and dining room with kitchen are the requirements of this project.



1/8" scale model  
view from north-west

E Palmer Ave

E Palmer Ave

E Palmer Ave



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Vahen Zarkhan



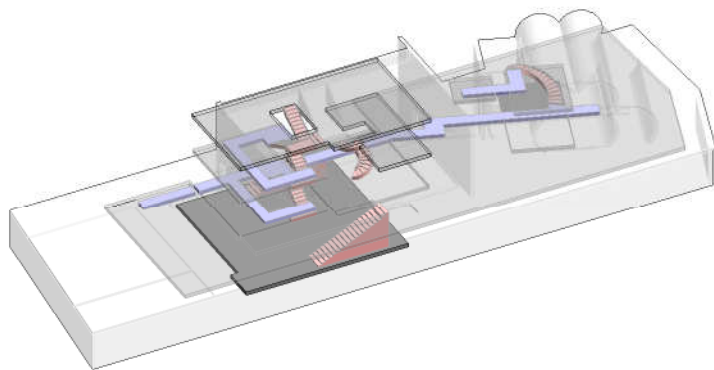
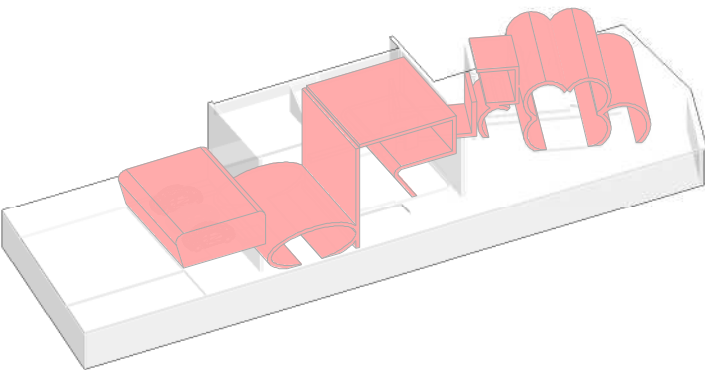
# CONCEPT

CHAKRA MEANS WHEEL AND CRICLE IN SANSKRIT (AN ANCIENT INDIAN LANGUAGE). THERE ARE SEVEN CHAKRAS IN THE HUMAN BODY. THE SPIRITUAL HOUSE IS DESIGNED BASED ON THE CHAKRAS AND BROKEN DOWN INTO SEVEN PARTS. INSPIRATION FOR EACH SECTION OF THE HOUSE IS RELATED TO THE SHAPE OF LETTERS THAT DEFINES EACH CHAKRA. FUNCTION OF EACH SECTION IS RELATED TO THE SPECIFIC CHAKRA.



PARTI DIAGRAM

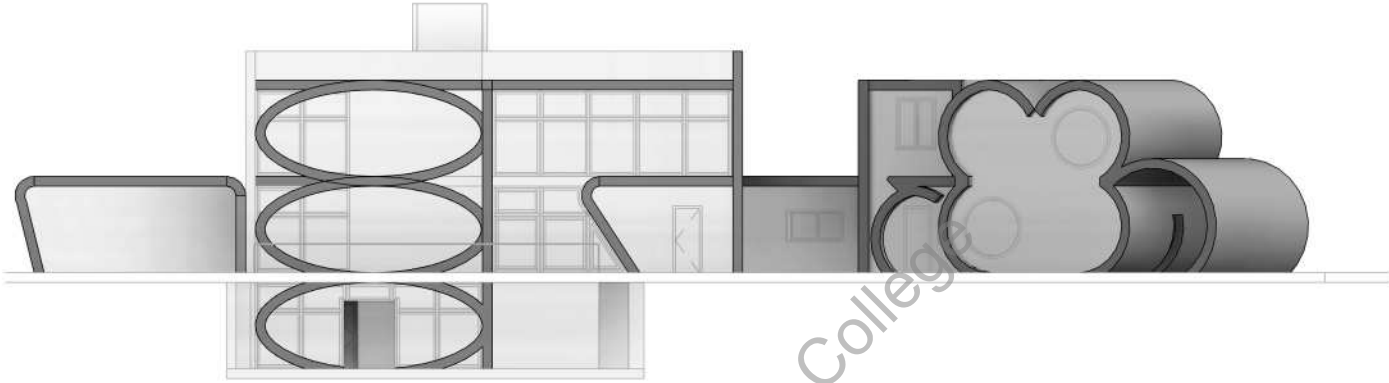
CIRCULATION DIAGRAM



ARTICULATION OF THE CHAKRAS SHAPE FROM SYMBOL TO ENCLOSURE DEFINING PROGRAM

HORIZONTAL CIRCULATION  
VERTICAL CIRCULATION

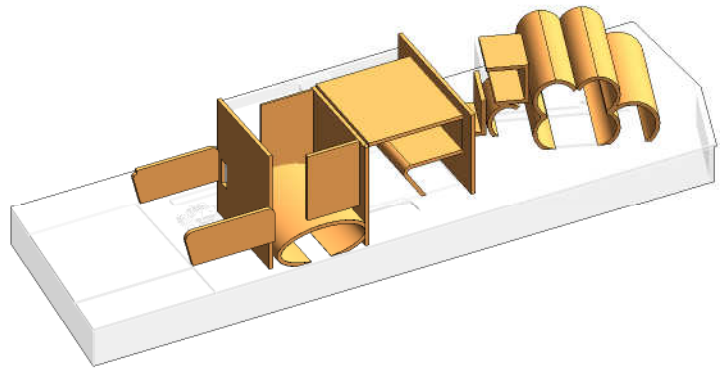
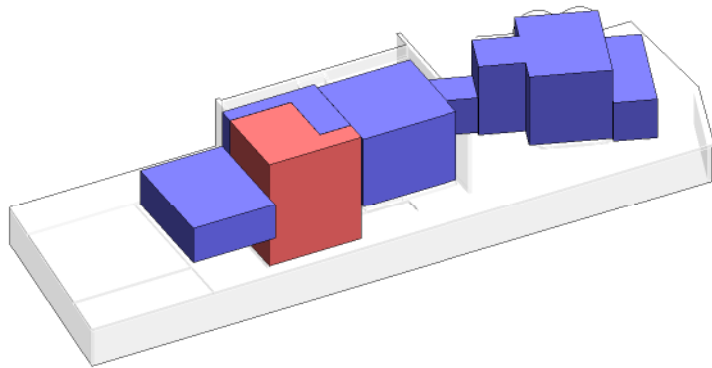
# CONCEPT



PROGRAM DIAGRAM

STRUCTURAL DIAGRAM

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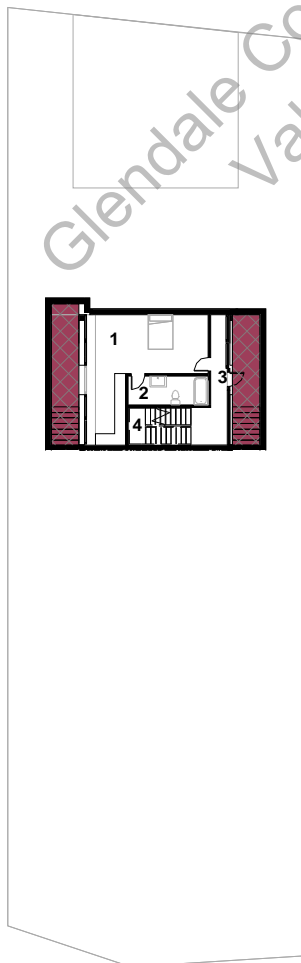
-  PUBLIC AREA
-  PRIVATE AREA

-  LOAD BEARING WALLS

WEST ELEVATION

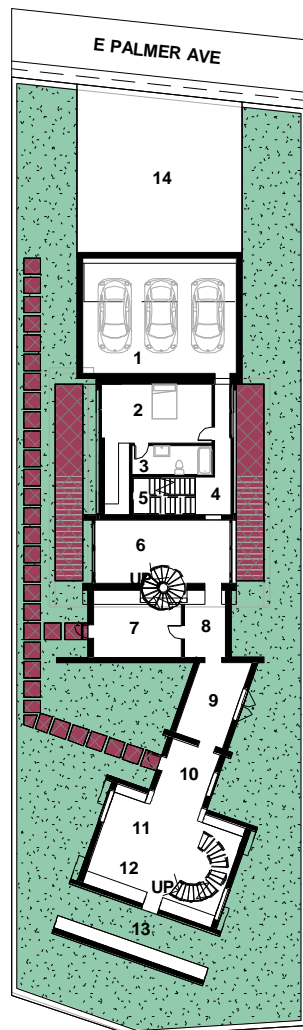


- 1. BEDROOM
- 2. BATHROOM
- 3. HALLWAY
- 4. STAIRS

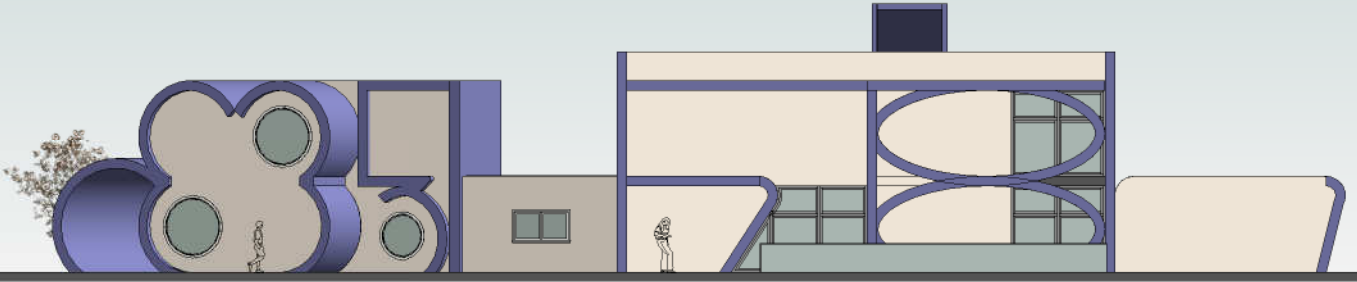


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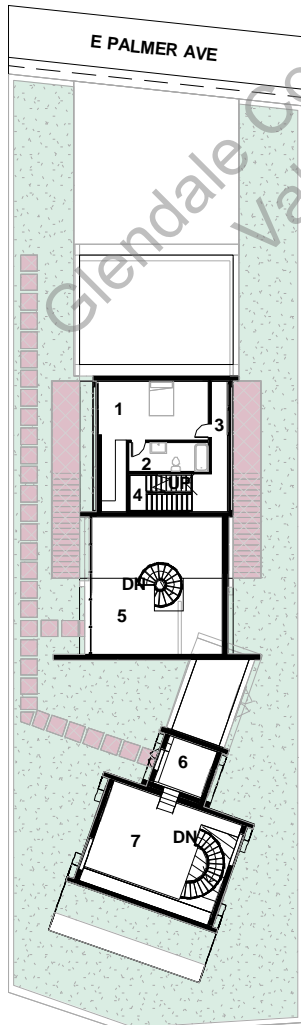
- 1. GARAGE
- 2. BEDROOM
- 3. BATHROOM
- 4. HALLWAY
- 5. STAIRS
- 6. DININGROOM
- 7. KITCHEN
- 8. POWDERROOM AND LAUNDRY
- 9. OFFICE
- 10. GALLERY
- 11. YOGA CLASS
- 12. LIBRARY
- 13. GREEN HOUSE
- 14. DRIVE WAY



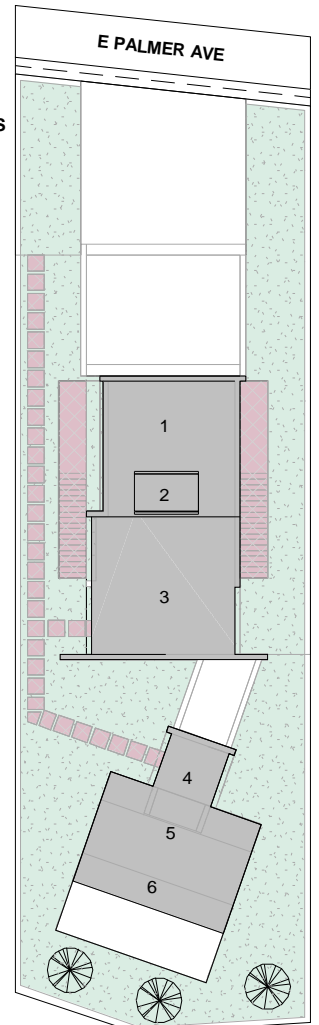
# EAST ELEVATION



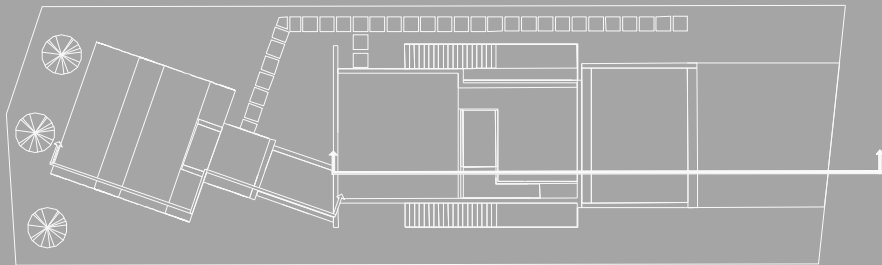
- 1. BEDROOM
- 2. BATHROOM
- 3. HALLWAY
- 4. STAIRS
- 5. LIVINGROOM
- 6. WORKSHOP
- 7. ISOLATED ROOM

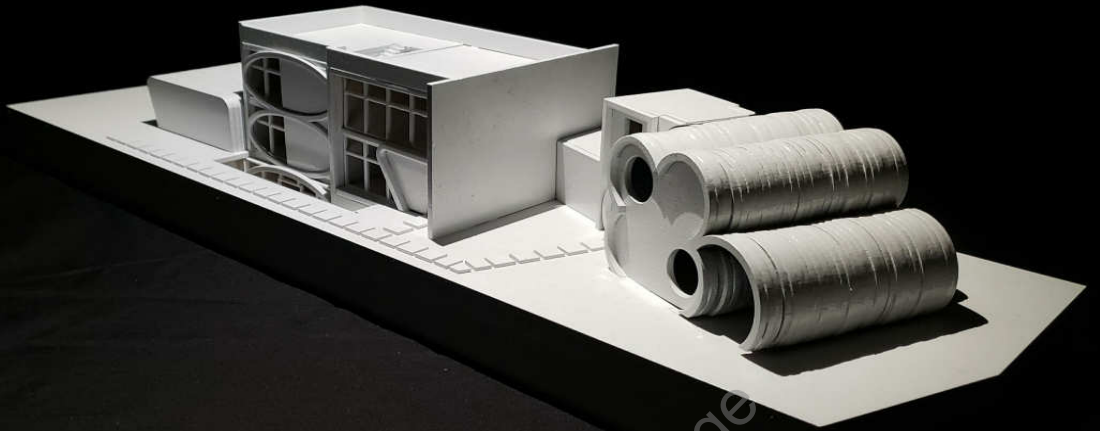


- 1: BEDROOM ROOF
- 2: STAIRCASE FOR ROOF ACCESS
- 3: WORKSHOP ROOF
- 4: ISOLATED ROOM ROOF



SECTION





1/8" scale model  
view from south-west

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1/8" scale model  
view from north-west

# GCC PRESIDENT'S CONFERENCE ROOM

Commercial Interior Design - Arch 143 (originally called Arch 160)

Instructor: Izabela Boyajyan

Glendale Community College Spring 2018 ( student group project : Naira Petrosian, Long Ngu, and Vahen Zarukian)

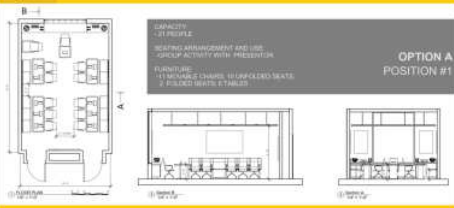
A group of three Glendale Community College students were assigned to redesign Dr.Viar's conference room, the President of Glendale Community College. The project started off with individual design proposals. After meeting with him and presenting our proposals, the final one was designed as a team project. The final design was accepted after choosing the preferred colours and materials, and the project was completed in 2019.



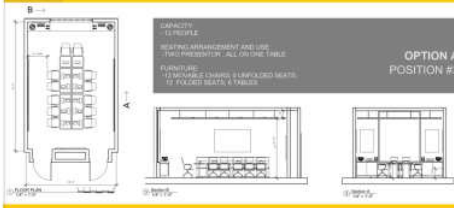
Final remodeled project

# VAHEN ZARUKIAN'S DESIGN PROPOSALS FOR SIX DIFFERENT SCENARIOS

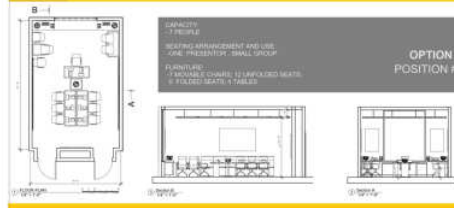
## INTERIOR DESIGN CONCEPT FOR PRESIDENT'S CONFERENCE ROOM



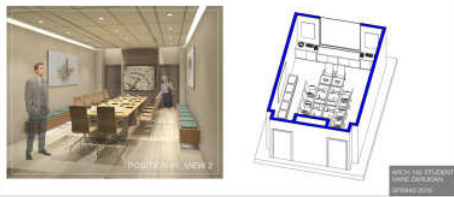
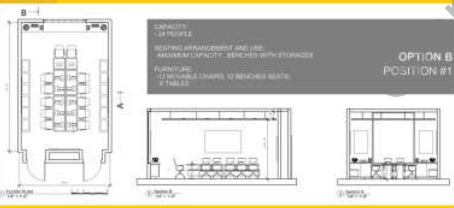
## INTERIOR DESIGN CONCEPT FOR PRESIDENT'S CONFERENCE ROOM



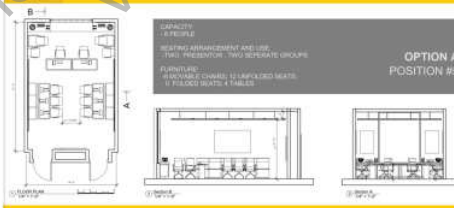
## INTERIOR DESIGN CONCEPT FOR PRESIDENT'S CONFERENCE ROOM



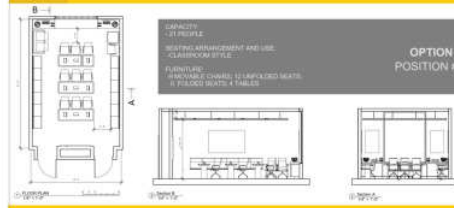
## INTERIOR DESIGN CONCEPT FOR PRESIDENT'S CONFERENCE ROOM



## INTERIOR DESIGN CONCEPT FOR PRESIDENT'S CONFERENCE ROOM



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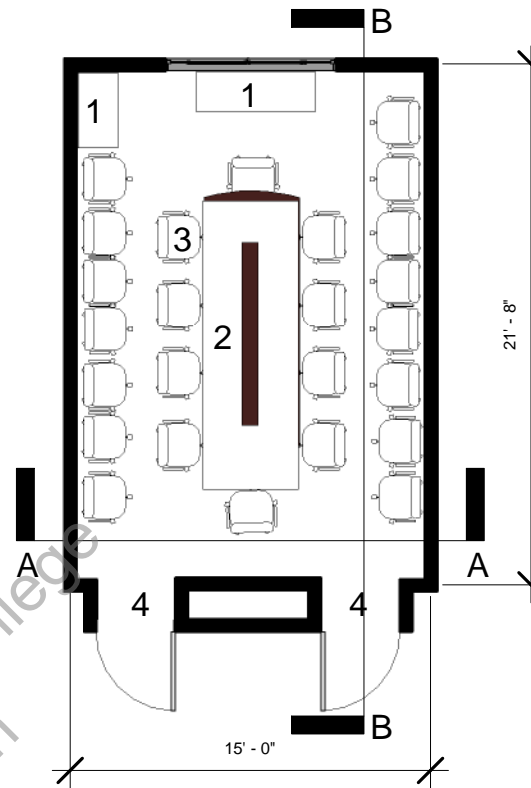


**CAPACITY:**  
- 25 PEOPLE

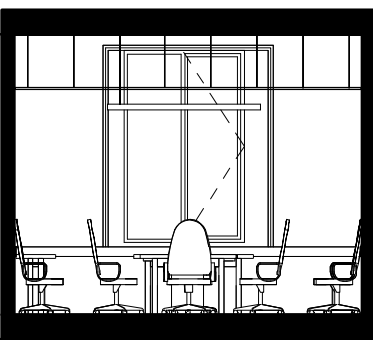
**SEATING ARRANGEMENT AND USE:**  
- ONE PRESENTOR, ALL ON ONE TABLE

**FURNITURE:**  
- 25 MOVABLE CHAIRS  
- 1 MAIN TABLE (4'X12')

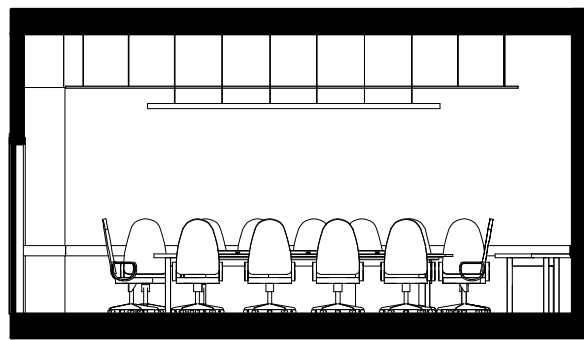
- 1- SIDE TABLES
- 2- MAIN TABLE
- 3- CHAIR
- 4- ENTRANCE



**SECTION A**



**SECTION B**



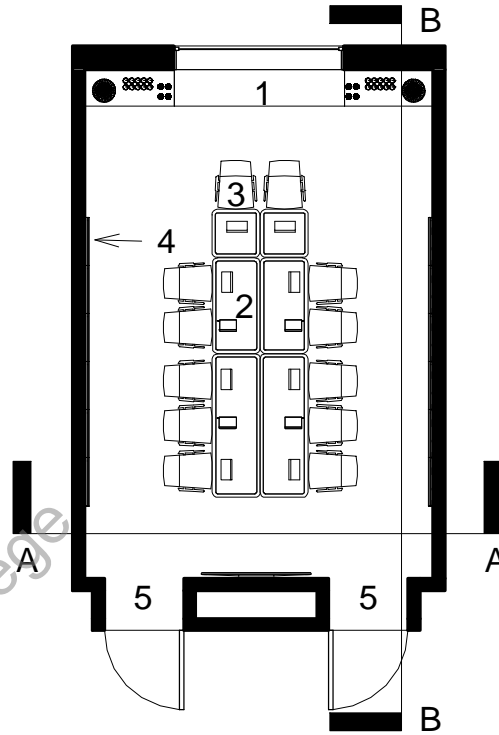
# PROPOSED CONFERENCE ROOM

**CAPACITY:**  
-12 PEOPLE

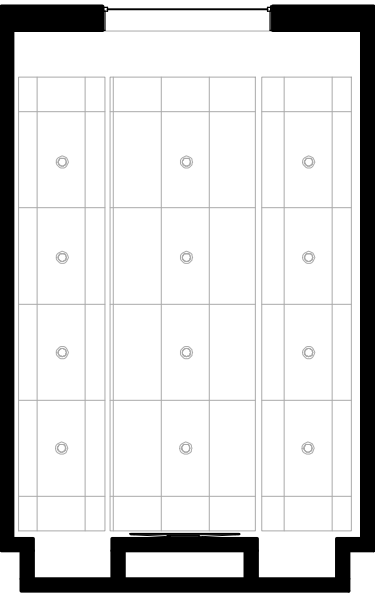
**SEATING ARRANGEMENT AND USE:**  
-TWO PRESENTORS, ALL ON ONE TABLE

**FURNITURE:**  
-12 MOVABLE CHAIRS; 0 UNFOLDED SEATS;  
-12 FOLDED SEATS; 6 TABLES

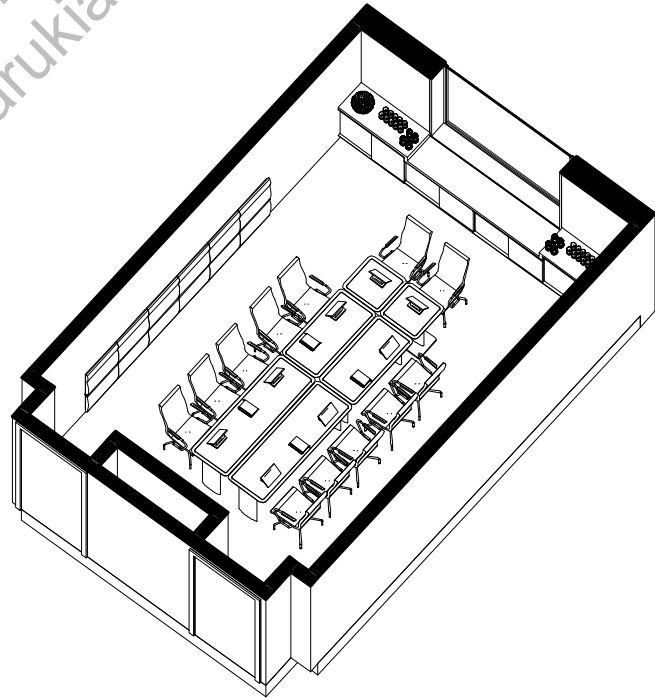
- 1- CABINETS
- 2- TABLE
- 3- MOVABLE CHAIR
- 4- FOLDABLE SEATS
- 5- ENTRANCE



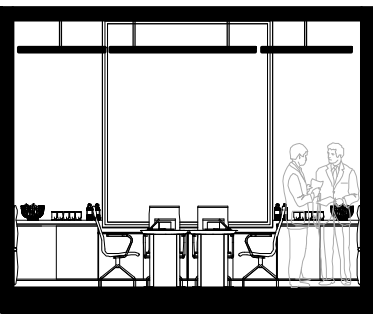
## PROPOSED CEILING PLAN



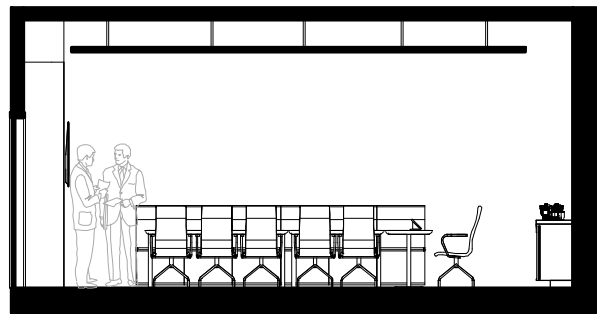
Glendale Community College  
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## SECTION A



## SECTION B



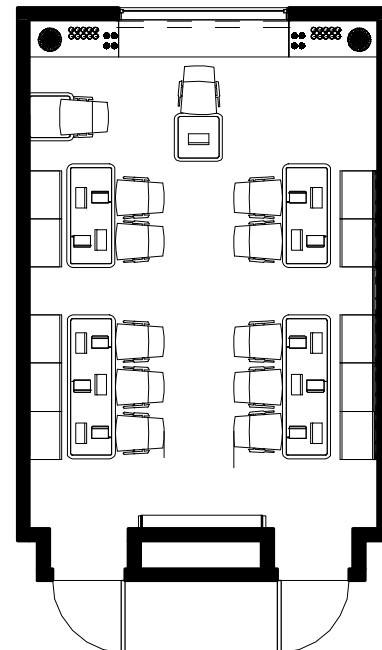


**POSITION #1**

**CAPACITY:**  
- 21 PEOPLE

**SEATING ARRANGEMENT AND USE:**  
- GROUP ACTIVITY WITH ONE PRESENTOR

**FURNITURE:**  
-11 MOVABLE CHAIRS; 10 UNFOLDED SEATS;  
-2 FOLDED SEATS; 6 TABLES



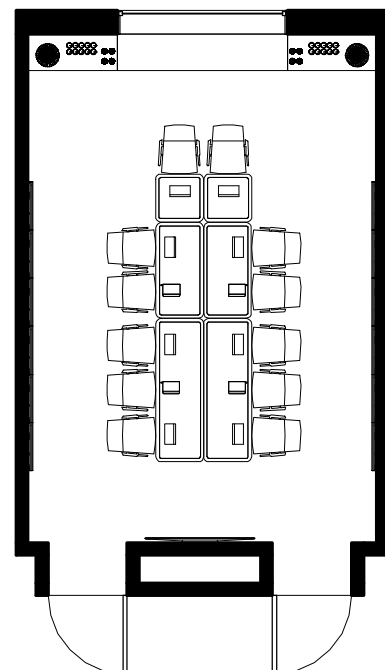


**POSITION #2**

**CAPACITY:**  
-2 PEOPLE

**SEATING ARRANGEMENT AND USE:**  
-TWO PRESENTORS, ALL ON ONE TABLE

**FURNITURE:**  
-12 MOVABLE CHAIRS; 0 UNFOLDED SEATS;  
-12 FOLDED SEATS; 6 TABLES



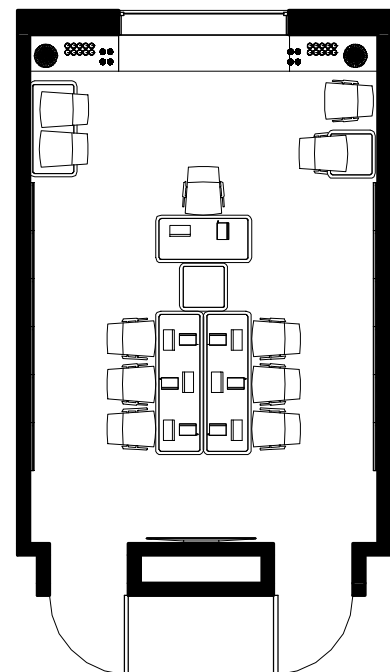


**POSITION #3**

**CAPACITY:**  
- 7 PEOPLE

**SEATING ARRANGEMENT AND USE:**  
- ONE PRESENTOR, SMALL GROUP

**FURNITURE:**  
- 7 MOVABLE CHAIRS; 12 UNFOLDED SEATS;  
- 0 FOLDED SEATS; 4 TABLES



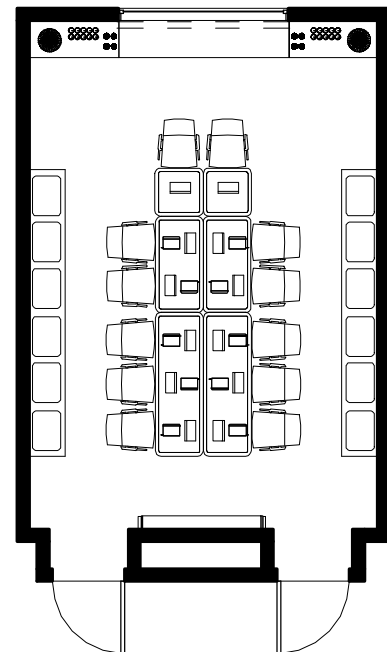


**POSITION #4**

**CAPACITY:**  
- 24 PEOPLE

**SEATING ARRANGEMENT AND USE:**  
- MAXIMUM CAPACITY, BENCHES WITH STORAGES

**FURNITURE:**  
- 12 MOVABLE CHAIRS; 12 BENCHES SEATS;  
- 6 TABLES



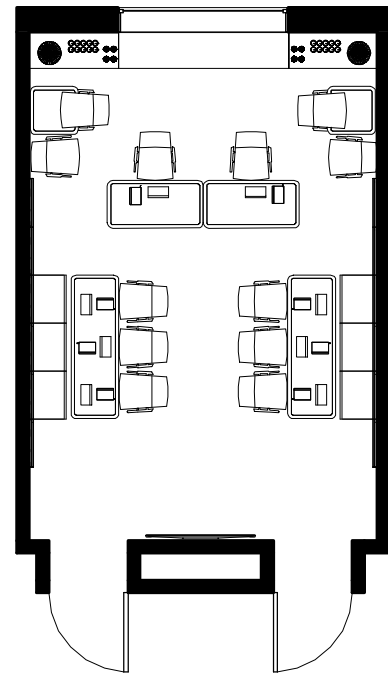


**POSITION #5**

**CAPACITY:**  
- 8 PEOPLE

**SEATING ARRANGEMENT AND USE:**  
- TWO PRESENTORS, TWO SEPARATE GROUPS

**FURNITURE:**  
- 8 MOVABLE CHAIRS; 12 UNFOLDED SEATS;  
- 0 FOLDED SEATS; 4 TABLES



## CLASSROOM STYLE

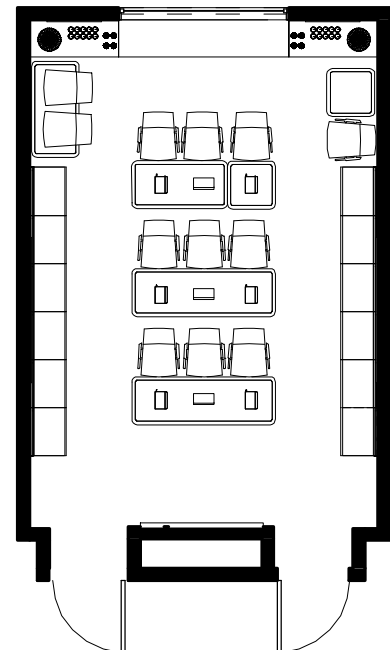


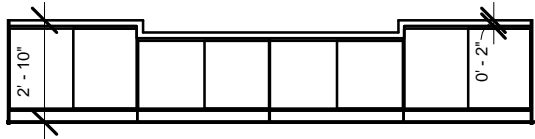
**POSITION #6**

**CAPACITY:**  
- 21 PEOPLE

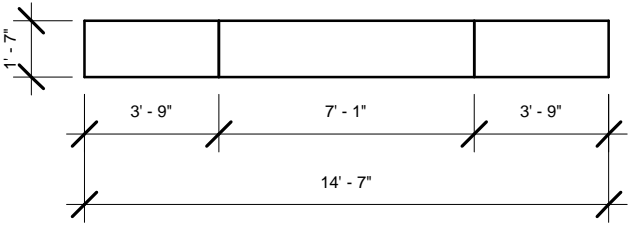
**SEATING ARRANGEMENT AND USE:**  
- CLASSROOM STYLE

**FURNITURE:**  
- 9 MOVABLE CHAIRS; 12 UNFOLDED SEATS;  
- 0 FOLDED SEATS; 4 TABLES

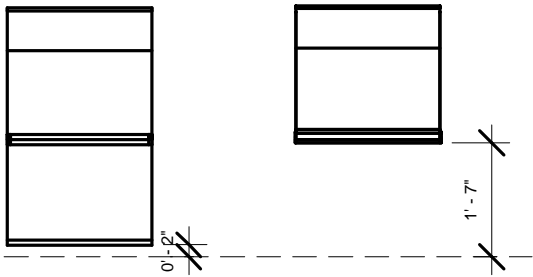




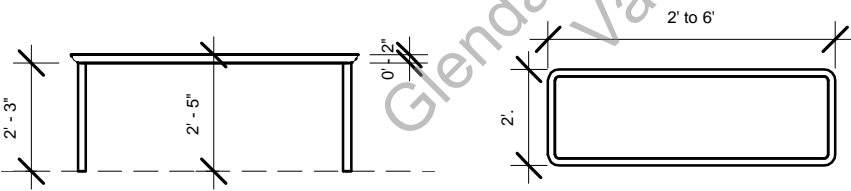
CABINETS



FOLDABLE SEATS



Glendale Community College  
Vahen Zarukian



TABLE



FLEX



CHAIR

F-229  
Armchair with swiveling pillar casters on glides  
S-204  
Writing table

Performance  
Casters in chromium. Armrests in black plastic.  
Upholstery  
Fire resistant polyether foam.  
Fabric requirements  
110 cm



F-229  
Height 88 cm  
Width 62 cm  
Depth 60 cm  
Seat height 46 cm  
Weight 11 kg

## TEAM PROJECT

After meeting with Dr. Viar, the preferred furniture and materials were chosen from each project. From individual designs, a group project was created to mix the projects together to build a new one. Materials and colors were chosen from an array of options provided to him. The final result is presented on the right.



# SUNSET JOY

1591 Lindacrest Dr., Beverly Hills, CA 90210

Advanced Interior Design - Arch 141 & 142

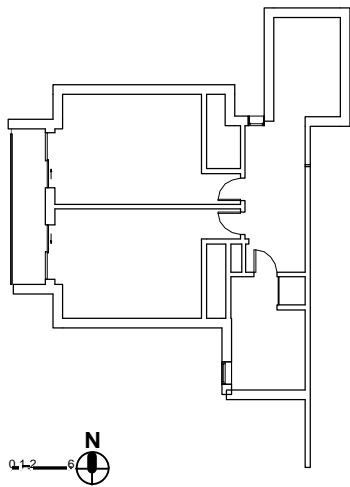
Instructor: Izabela Boyajyan

Glendale Community College Fall 2017 & Winter 2018

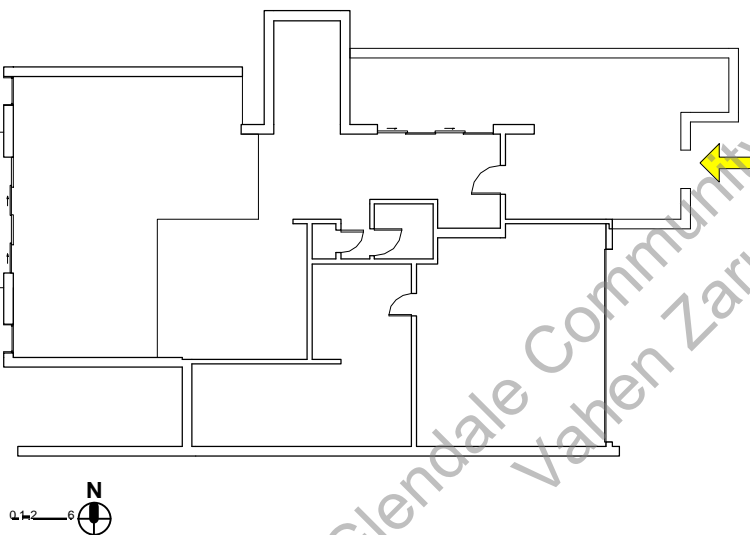




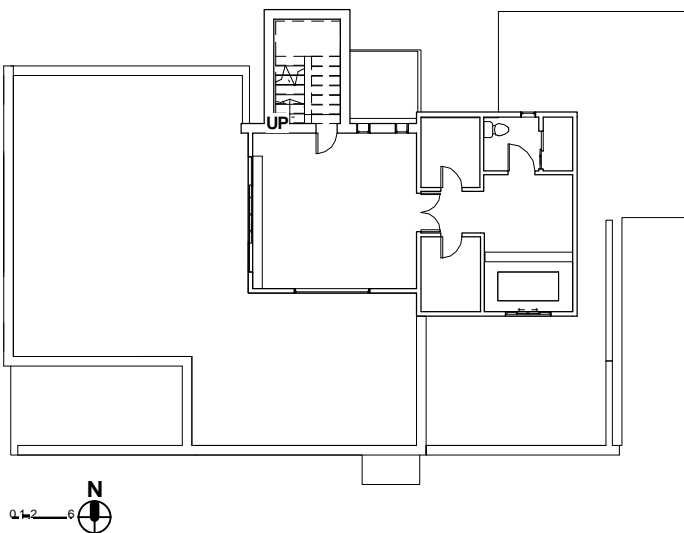
# EXISTING BASEMENT FLOOR PLAN



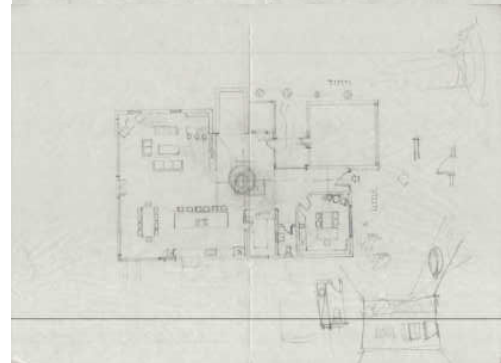
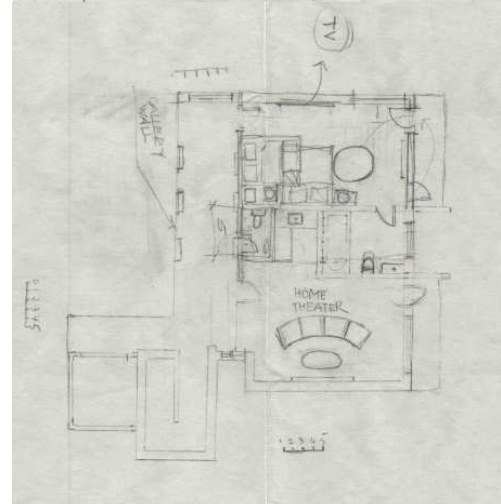
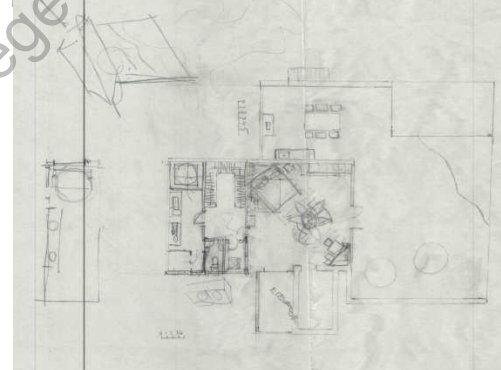
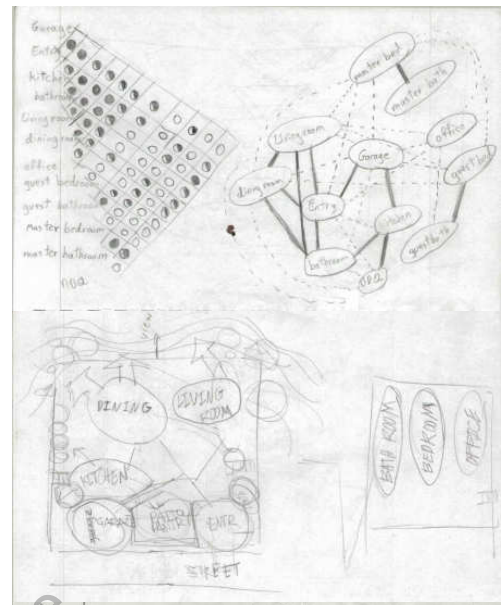
# EXISTING FIRST FLOOR PLAN



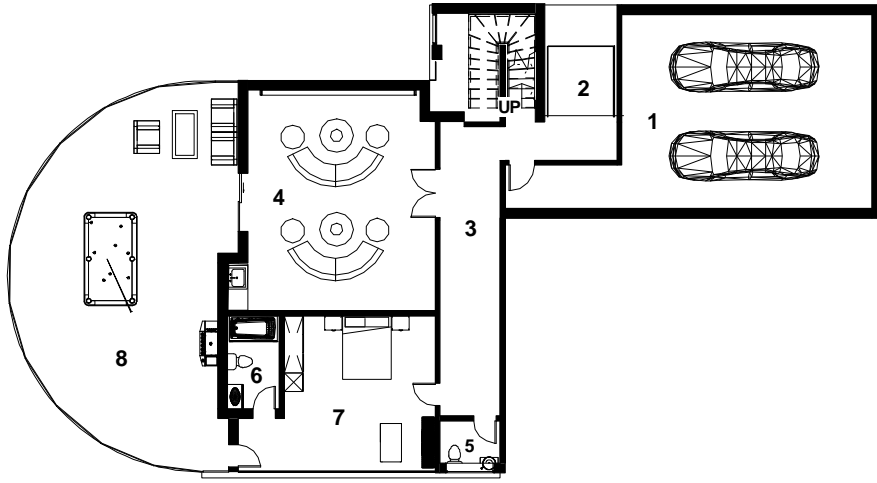
# EXISTING SECOND FLOOR PLAN



# PROGRAMMING AND ANALYZING



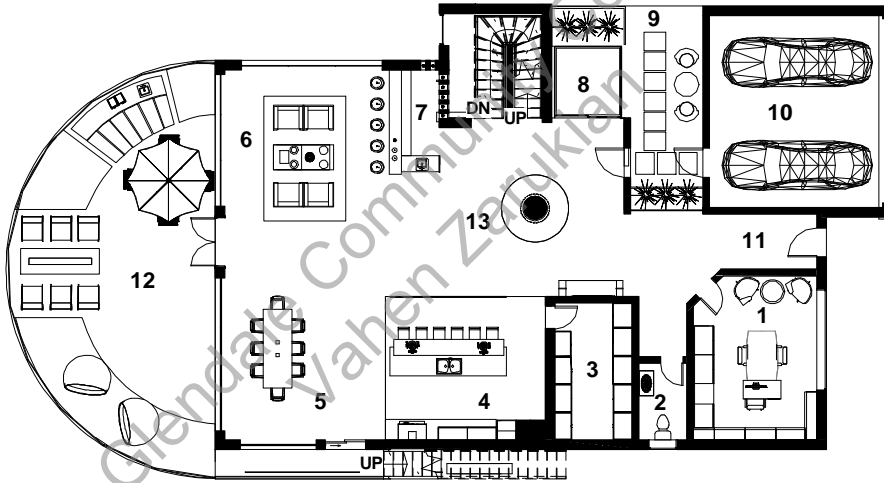
### NEW CONSTRUCTION BASEMENT LEVEL



- 1- GARAGE
- 2- ELEVATOR
- 3- HALLWAY/GALLERY
- 4- HOME THEATER
- 5- RESTROOM
- 6- RESTROOM #2
- 7- BEDROOM
- 8- BALCONY



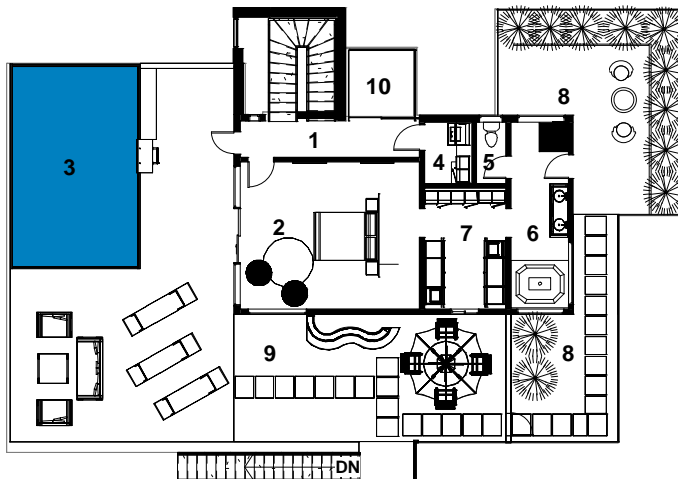
### NEW CONSTRUCTION FIRST FLOOR



- 1- OFFICE
- 2- RESTROOM
- 3- PANTRY
- 4- KITCHEN
- 5- DINING AREA
- 6- LIVING AREA
- 7- BAR
- 8- ELEVATOR
- 9- GREEN AREA
- 10- GARAGE
- 11- HALLWAY/ ENTRANCE
- 12- TERRACE
- 13- FIREPLACE



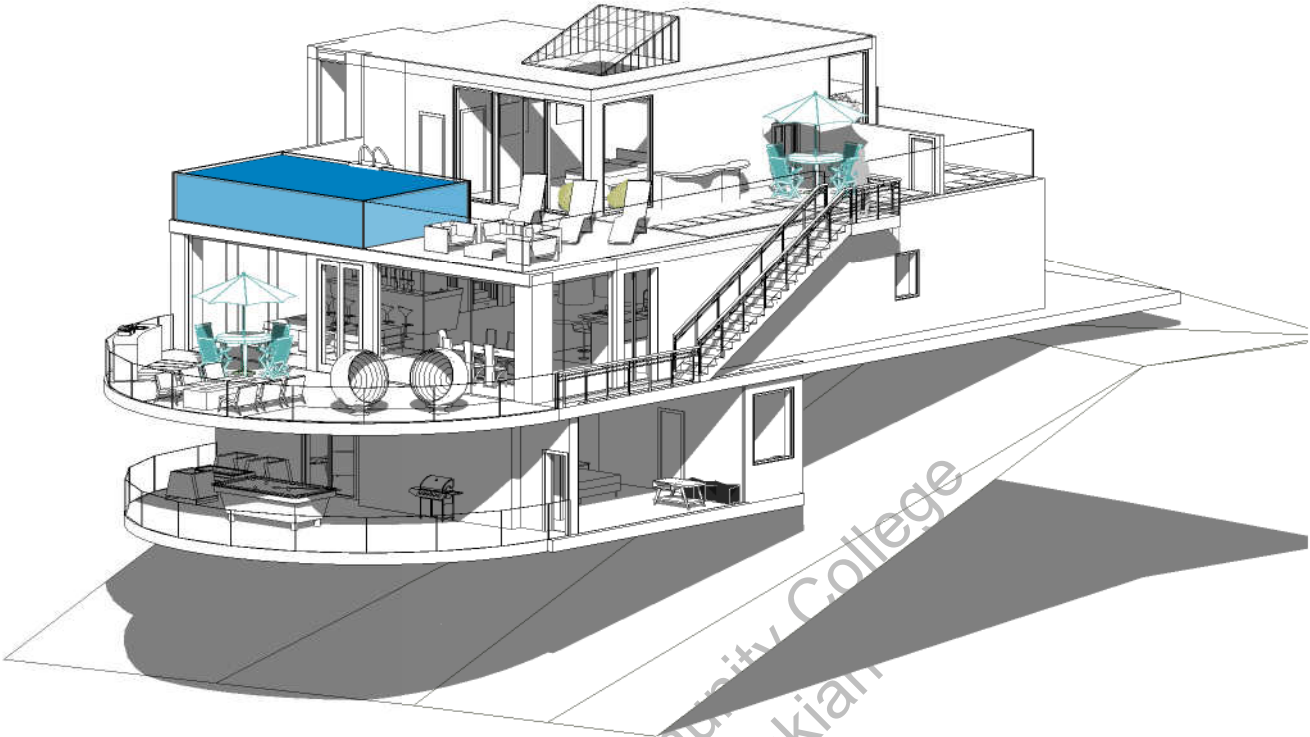
### NEW CONSTRUCTION SECOND FLOOR



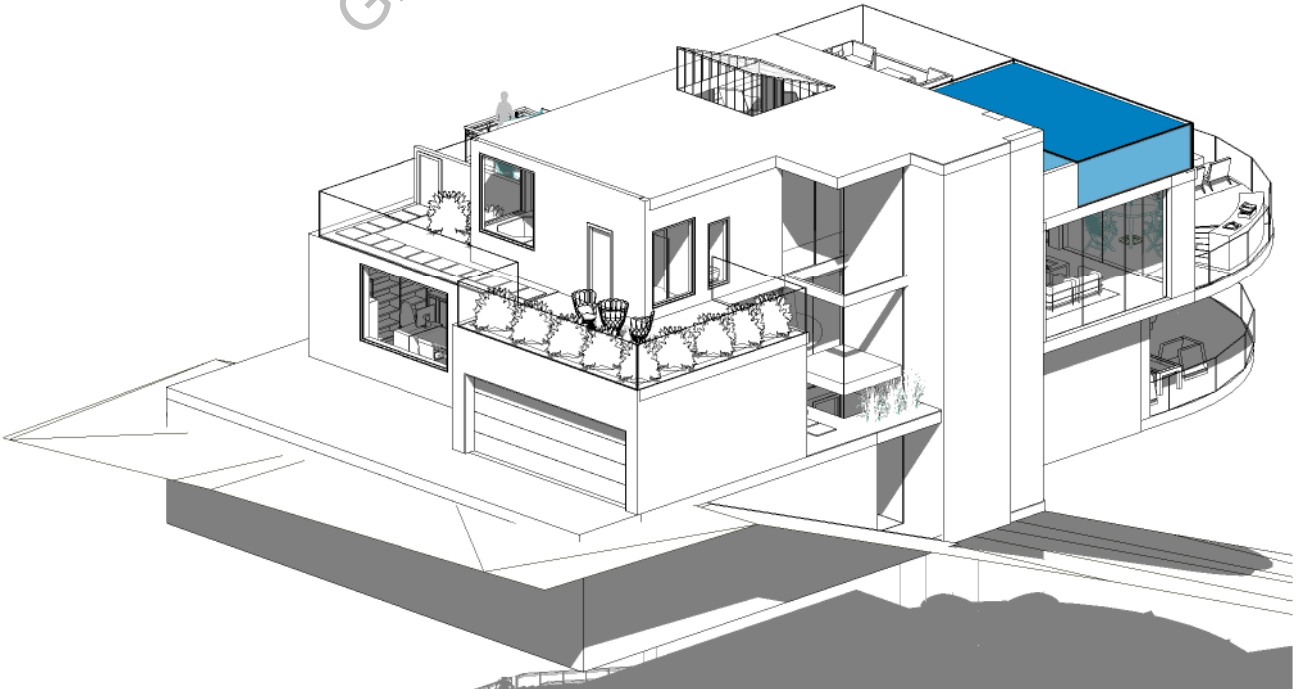
- 1- HALLWAY
- 2- MASTER BEDROOM
- 3- POOL
- 4- LAUNDRY
- 5- REST ROOM
- 6- BATHROOM
- 7- CLOSET
- 8- GREEN AREA
- 9- BAR
- 10- ELEVATOR



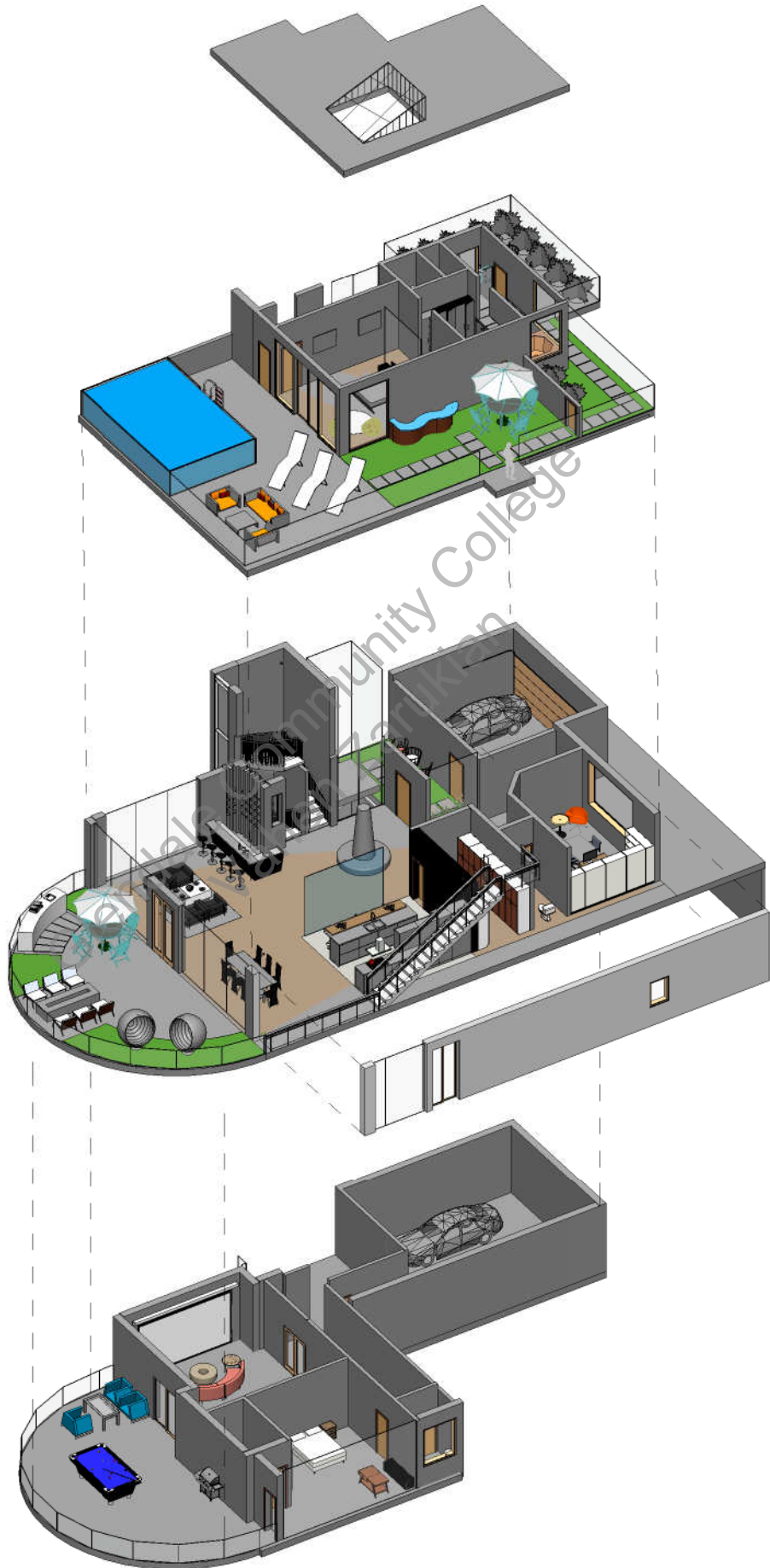
EXTERIOR SOUTH WEST VIEW



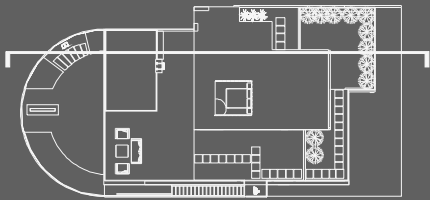
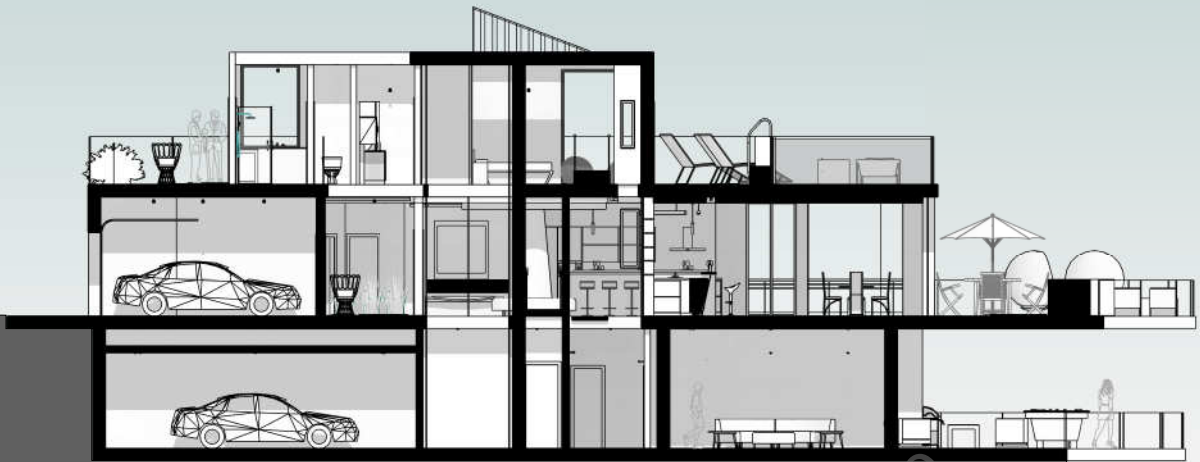
EXTERIOR NORTH EAST VIEW



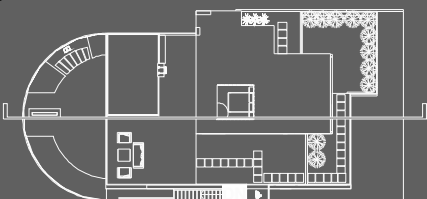
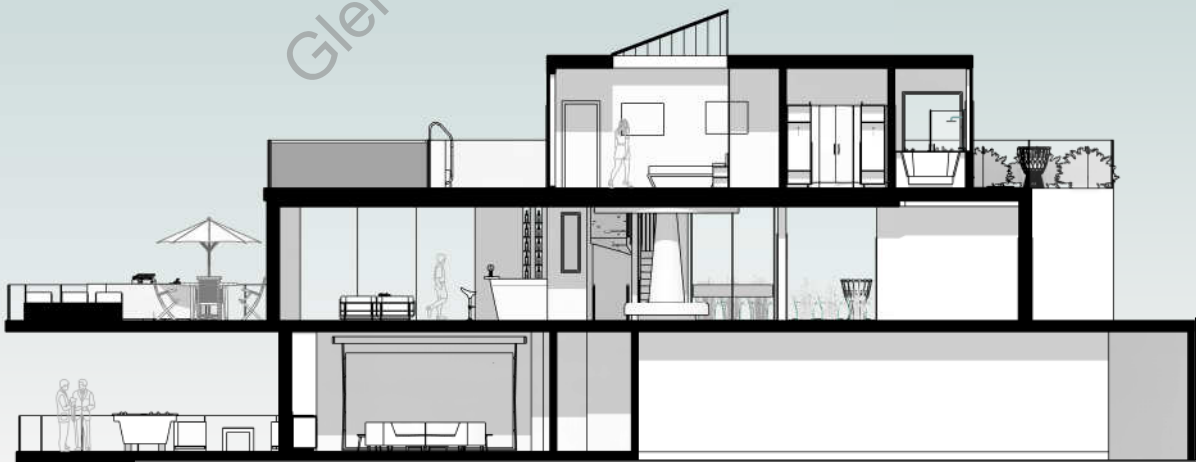
EXPLODED VIEW



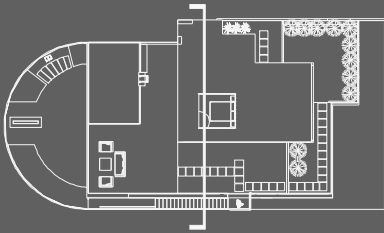
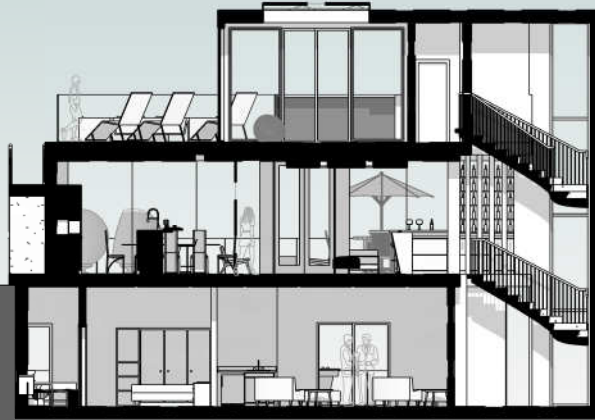
SECTION VIEW



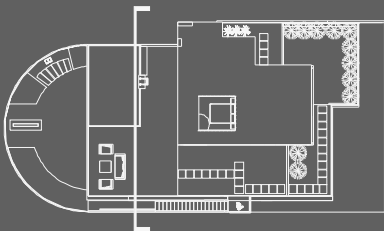
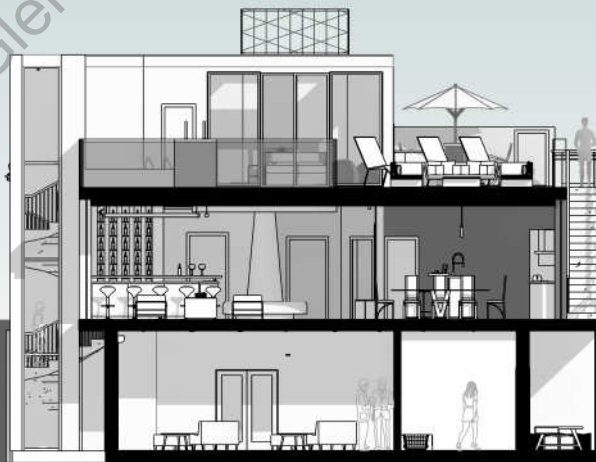
SECTION VIEW



SECTION VIEW

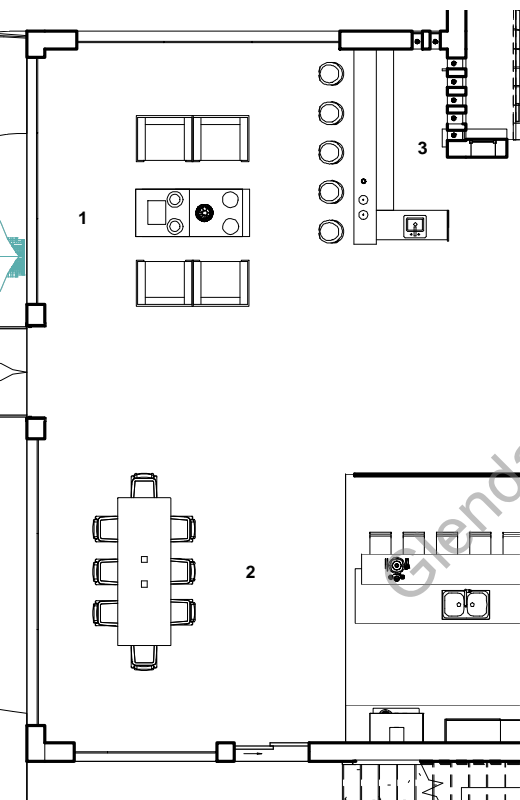


SECTION VIEW

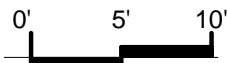




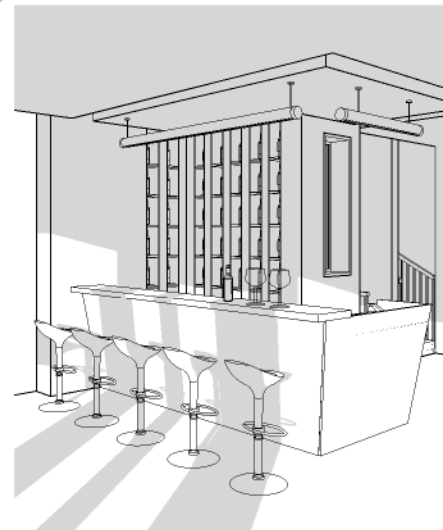
**LIVING ROOM**



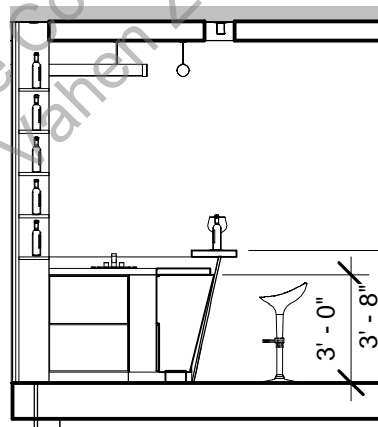
**FLOOR PLAN / FRAGMENT**



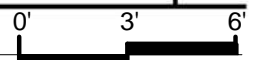
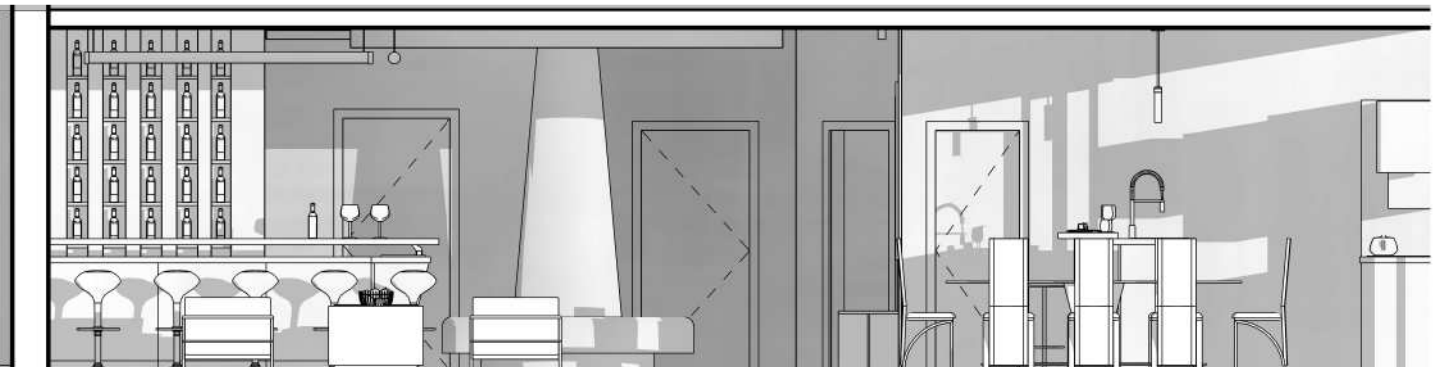
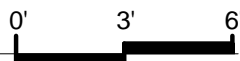
- 1. LIVING AREA
- 2. DINING AREA
- 3. BAR

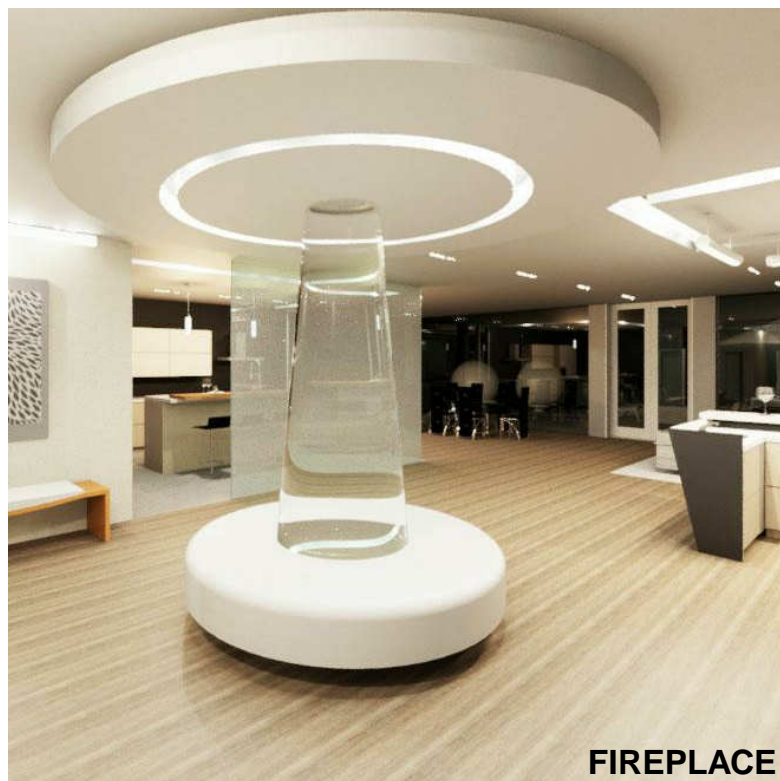
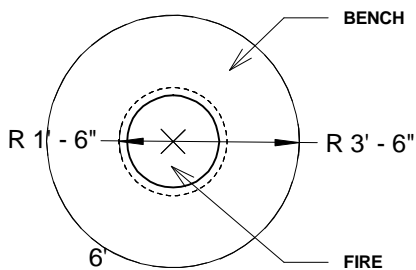
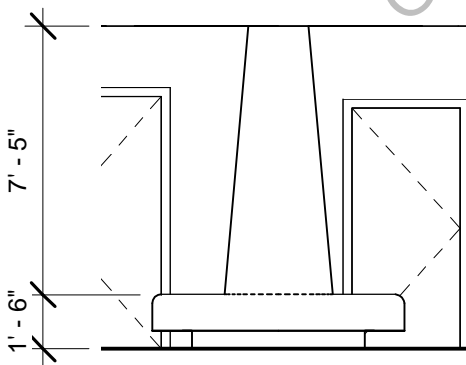
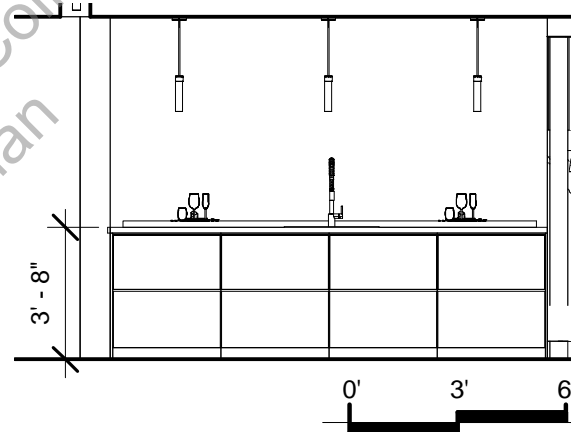
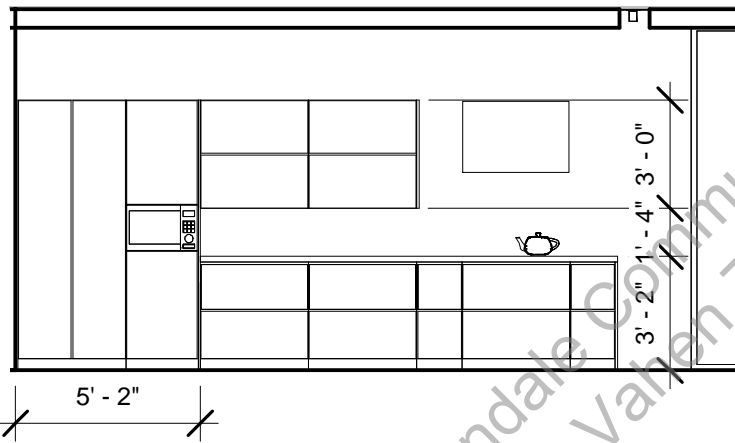
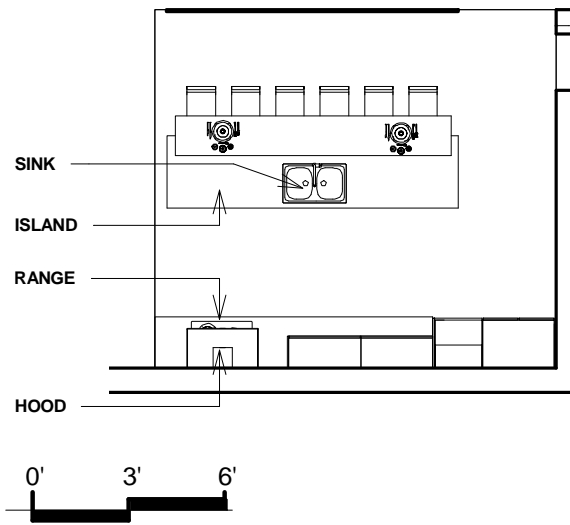


**BAR STAND ZONE 3D VIEW**



**BAR SECTION**





**THANK YOU**

Glendale Community College  
Vahen Zaiukian