

# ARCHITECTURAL PORTFOLIO

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**GLENDALE COMMUNITY COLLEGE**  
**2016-2018**

## SKILLS



REVIT



SKETCHUP



AUTOCAD



LASER CUTTING



SKETCHING



MODEL MAKING

GLENDALE COMMUNITY COLLEGE  
SARINEH NAHAPEDSIRAKI

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# HOUSE FOR AN AEROSPACE ENGINEER



# HOUSE FOR AEROSPACE ENGINEER

## SITE INFORMATION:

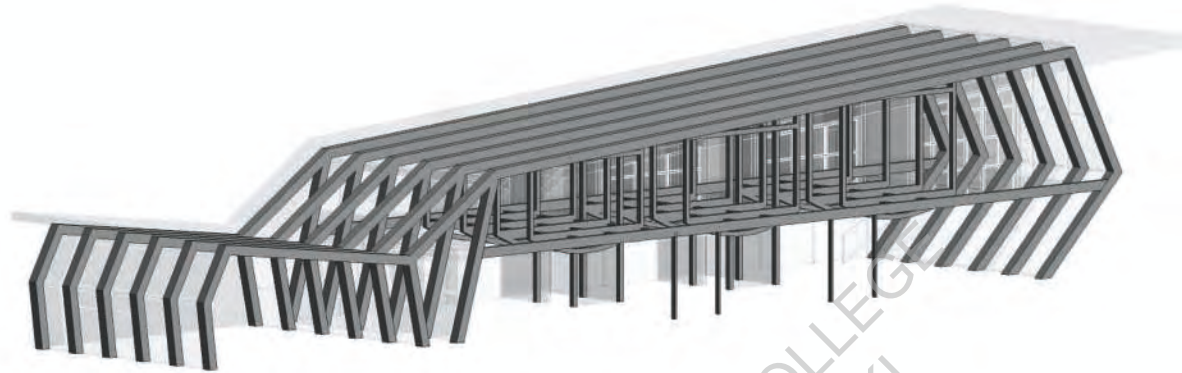
The project site is located on 708 E. Palmer Avenue, Glendale, CA 91205. Before designing our project there is a list of set parameters that we needed to follow. We also need an 8 feet set back around the perimeter of the project. In addition, we need to include 2 staircases with two exits that would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

## DESIGN CONCEPT:

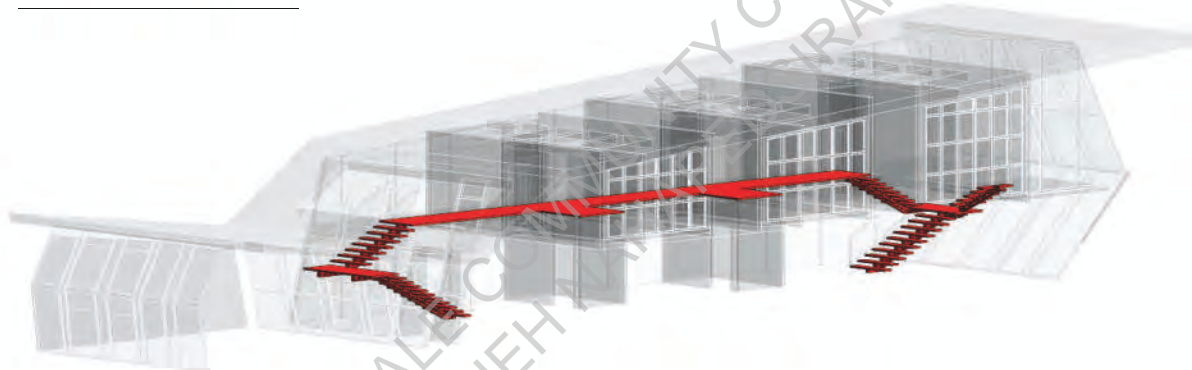
An aerospace engineer, is someone who designs aircraft, spacecraft, satellites and missiles and in other words they design and build machines that fly. Airplane's engines hang from the wing. The same idea was used to design this house. The bedrooms are hanging from the roof which represents the airplane wing. Also, suspended bedrooms were used to represent the concept of flying.



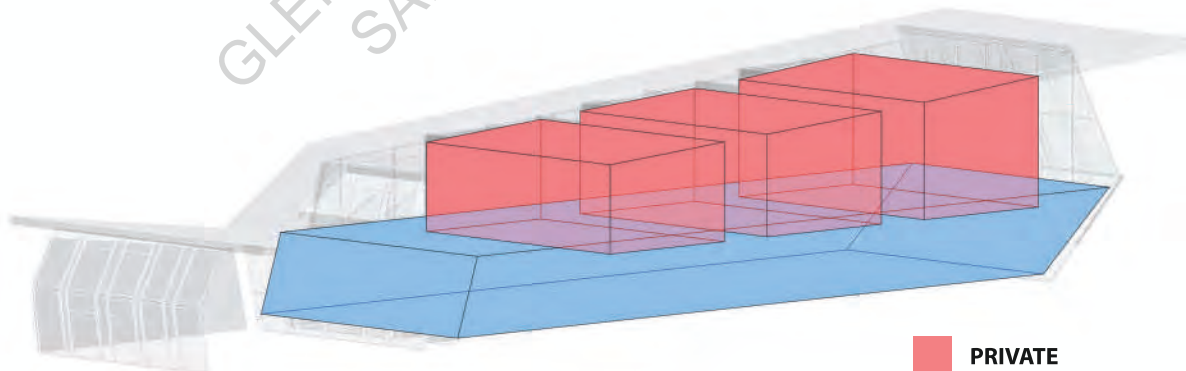
# DIAGRAMS



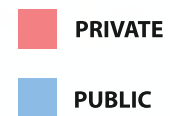
STRUCTURE DIAGRAM



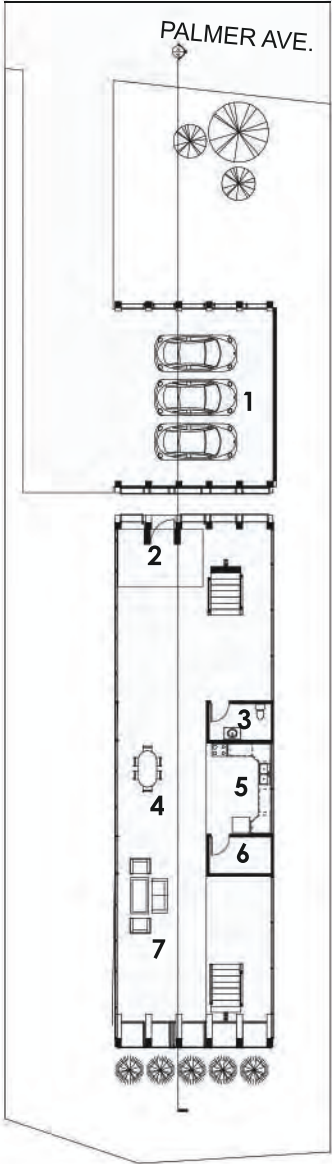
CIRCULATION DIAGRAM



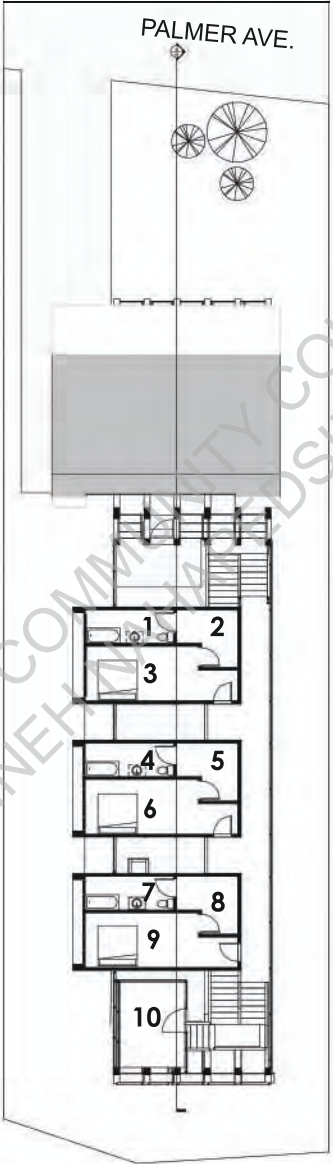
PROGRAM DIAGRAM



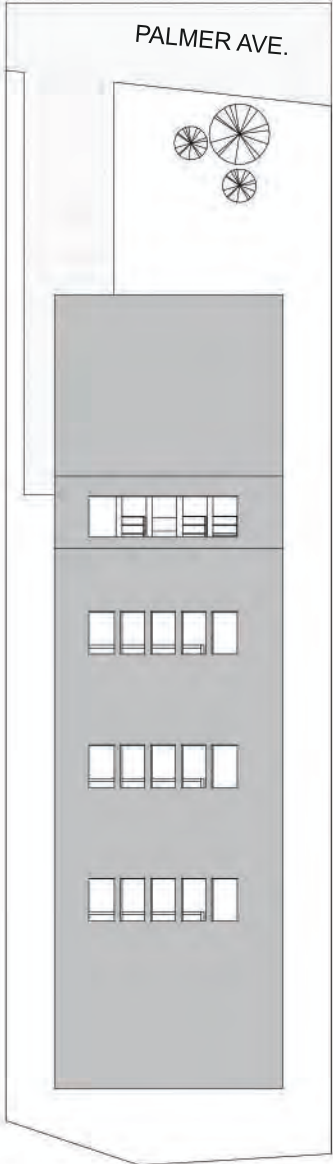
# FLOOR PLANS



- LEGEND :**
- 1- GARAGE
  - 2- ENTRANCE
  - 3- POWDER ROOM
  - 4-DINING ROOM
  - 5-KITCHEN
  - 6- LAUNDRY ROOM
  - 7-LIVING ROOM




- LEGEND :**
- 1- BATH 1
  - 2- CLOSET 1
  - 3- BEDROOM 1
  - 4-BATH 2
  - 5-CLOSET 2
  - 6- BEDROOM 2
  - 7-MASTER BATH
  - 8-CLOSET
  - 9-MSTR BEDROOM
  - 10- OFFICE



GROUND LEVEL FLOOR PLAN   
 1/4"=1'-0"

SECOND LEVEL FLOOR PLAN   
 1/4"=1'-0"

SITE PLAN   
 1/4"=1'-0"

# ELEVATIONS



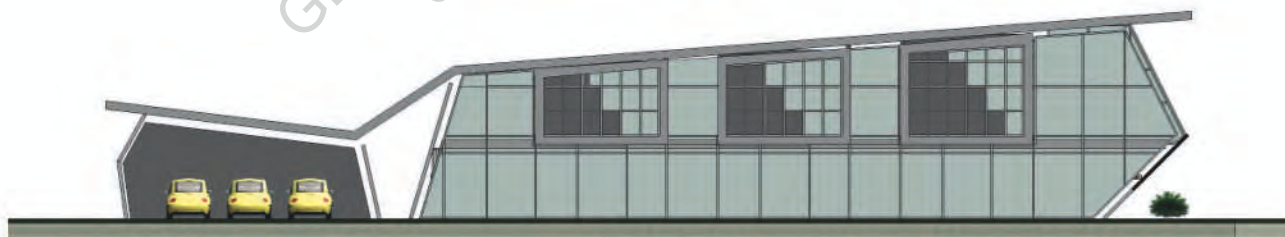
NORTH ELEVATION



SOUTH ELEVATION



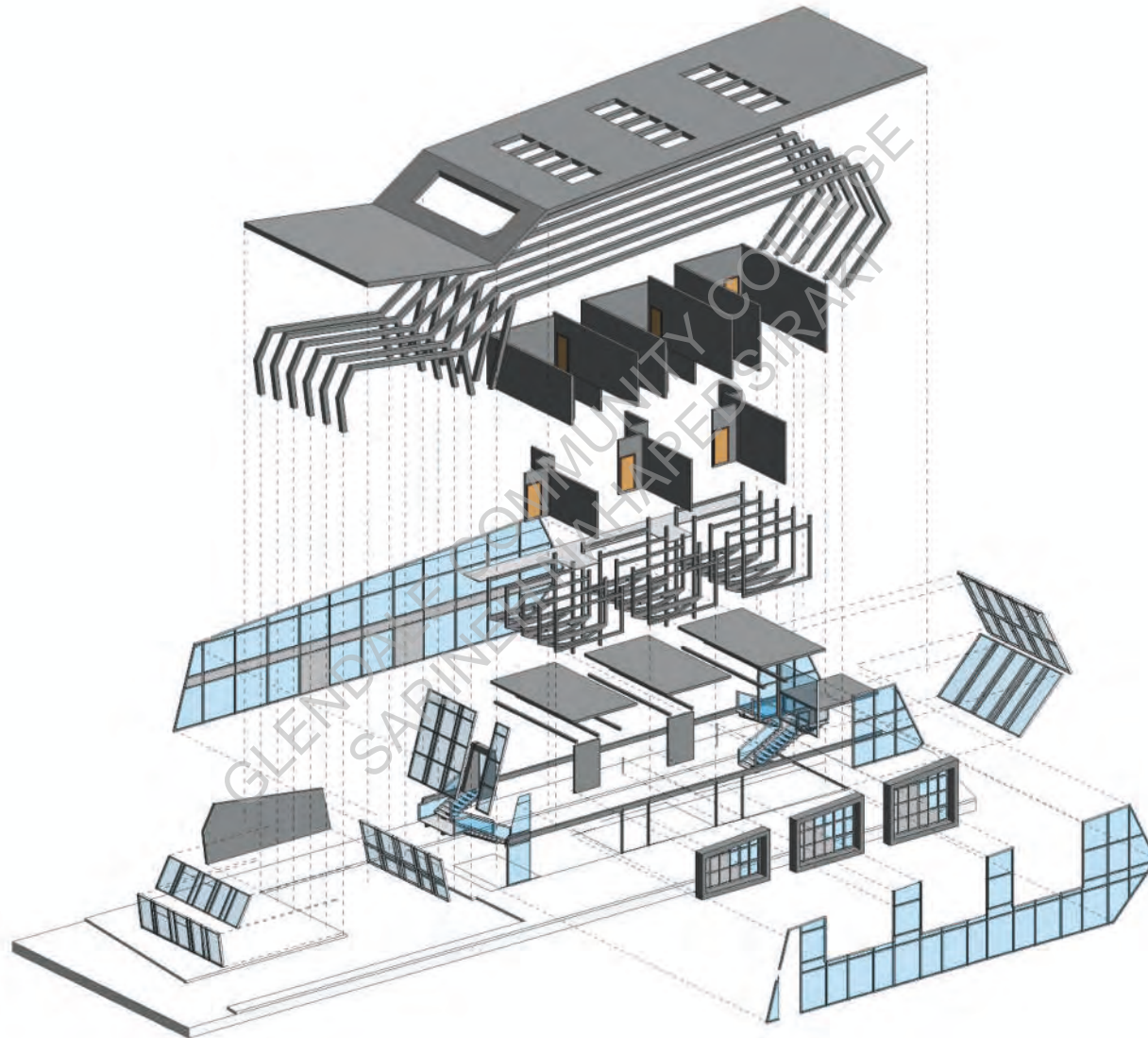
EAST ELEVATION



WEST ELEVATION

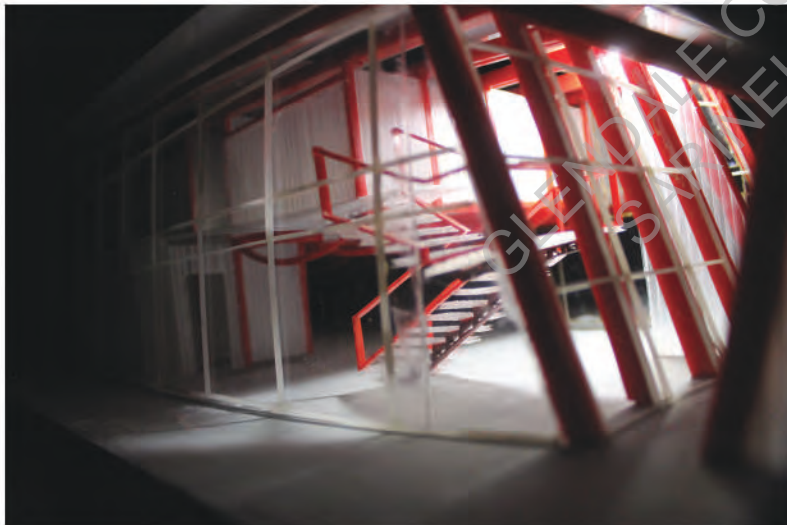
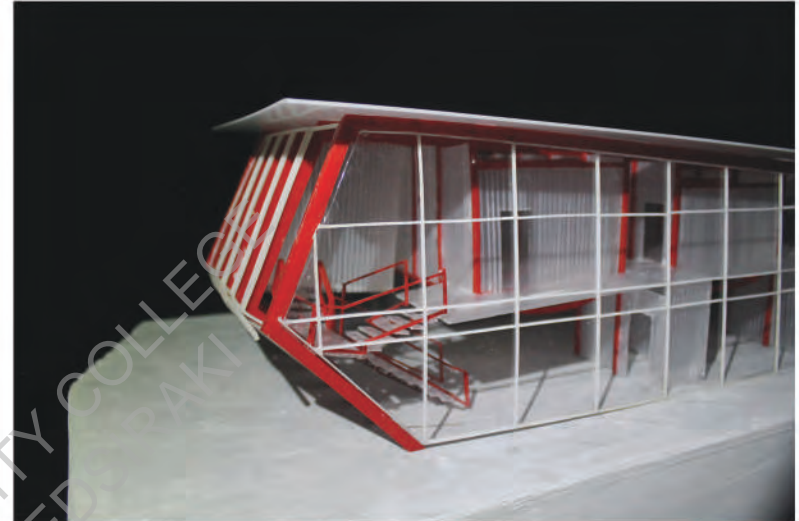


# EXPLODED VIEW



EXPLODED VIEW

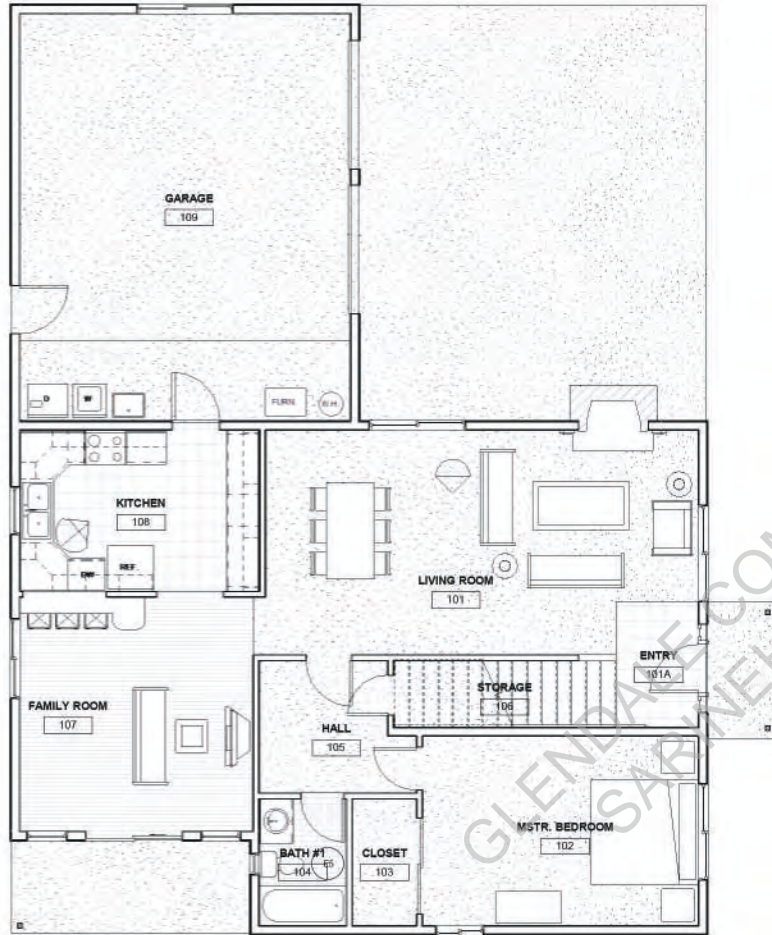
# 1/4" SCALE MODEL



# RESIDENTIAL/COMMERCIAL PROJECT EXERCISE



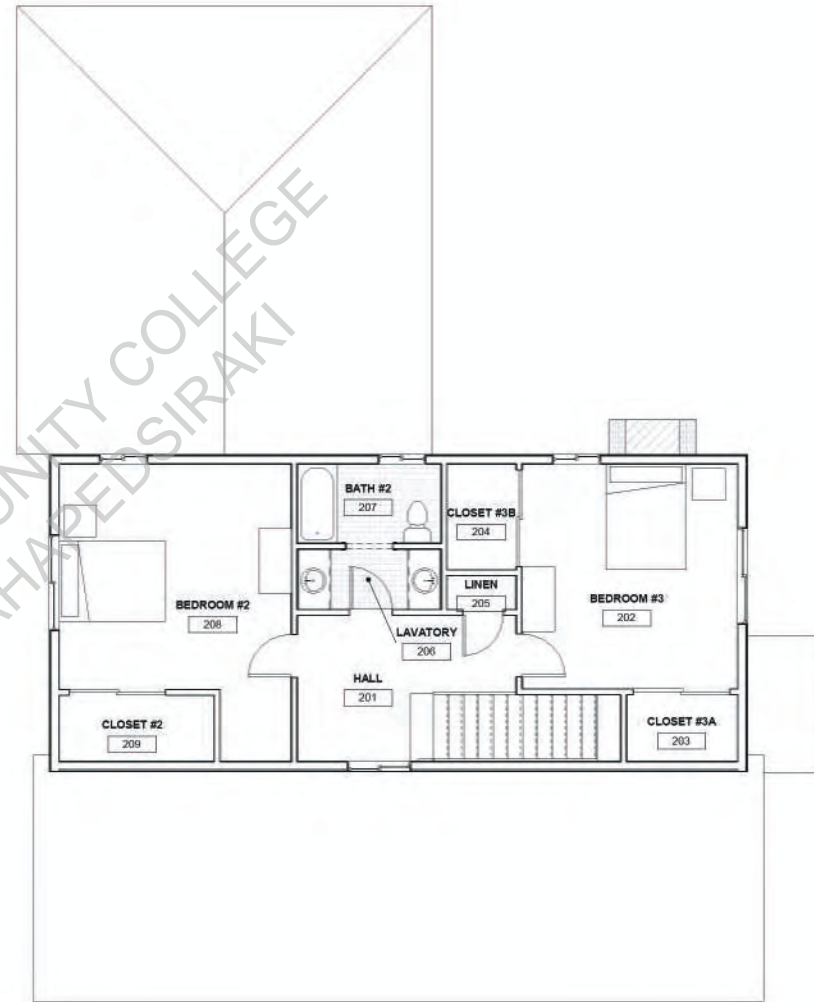
# FLOOR PLANS



GROUND LEVEL FLOOR PLAN



1/4"=1'-0"

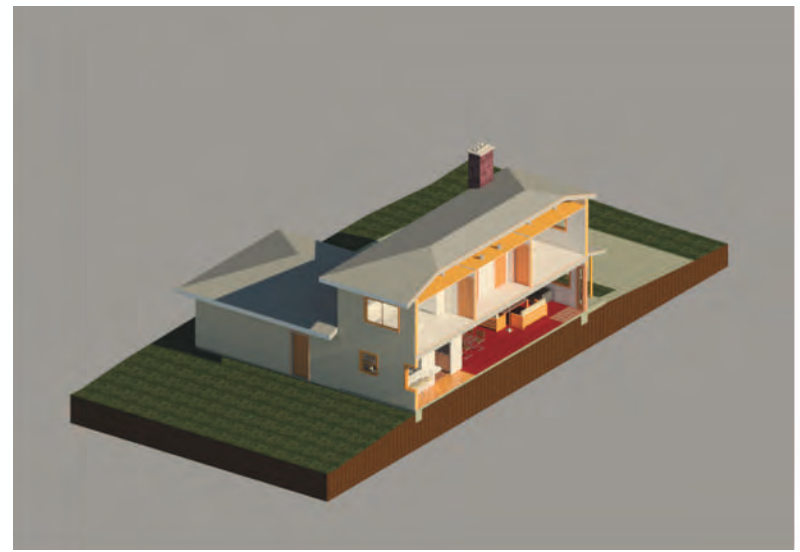
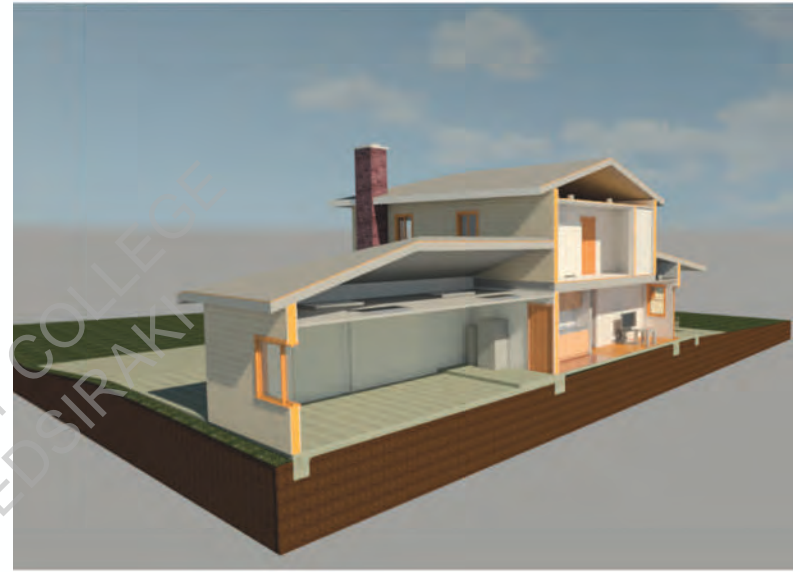


SECOND LEVEL FLOOR PLAN

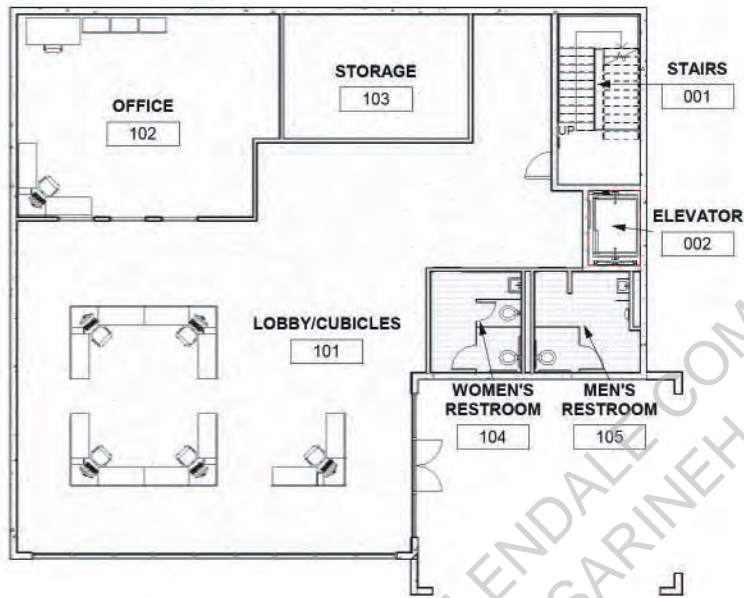


1/4"=1'-0"

# RENDERINGS



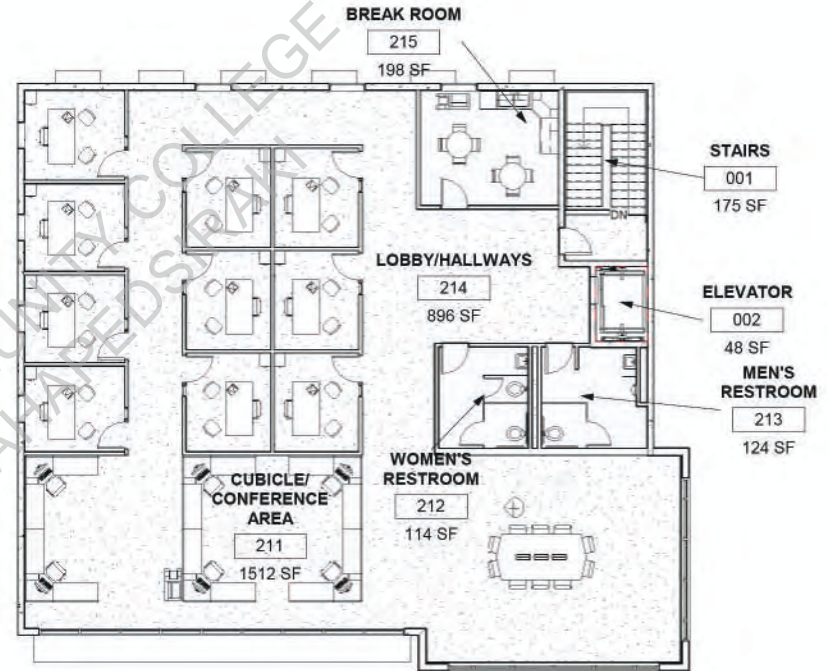
# FLOOR PLANS



GROUND LEVEL FLOOR PLAN



3/32"=1'-0"



SECOND LEVEL FLOOR PLAN

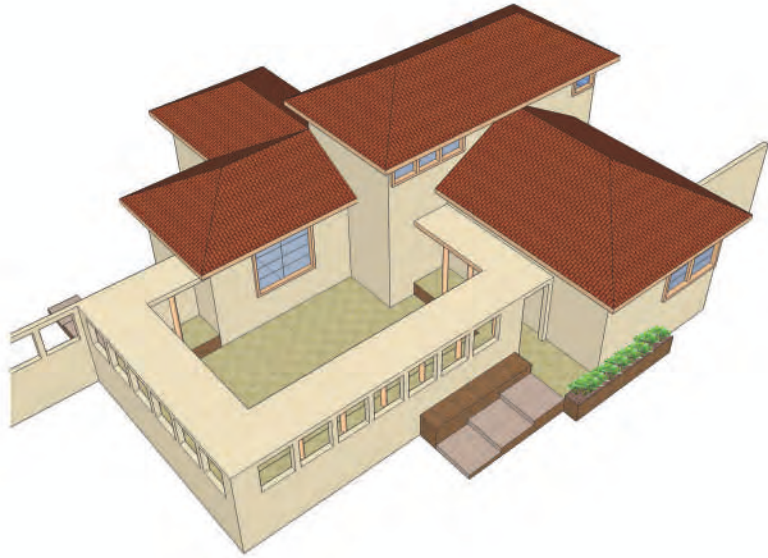


3/32"=1'-0"

# RENDERINGS



# PERSPECTIVE GRAPHICS





# PERSPECTIVE GRAPHICS



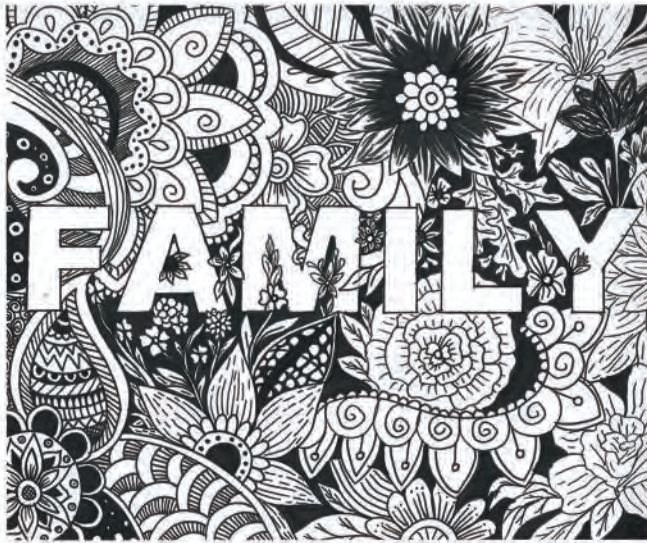
SIDE ELEVATION



FRONT ELEVATION



# DRAWINGS



# POLYMER CLAY MINIATURE SCULPTURES



# THANK YOU!

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