



**MERI KALIAN
ARCHITECTURAL PORTFOLIO
GLENDALE COMMUNITY
COLLEGE**

SKILLS

- AUTOCAD
- REVIT
- RHINO
- SKETCHUP
- TWINMOTION
- PHOTOSHOP

ACHIEVEMENTS

- 1
- ARCHITECTURAL DRAFTING AND DESIGN- ASSOCIATE IN SCIENCE
GLENDALE COMMUNITY COLLEGE
SPRING 2023
 - WOODBURY UNIVERSITY PLATFORM YOUTUBE LIVE PARTICIPANT
WINTER 2022
 - GLENDALE COMMUNITY COLLEGE SCHOLARSHIP
SPRING 2022
 - STUDENT SUCCESS COMPLETION GRANT FULL TIME PLUS
GLENDALE COMMUNITY COLLEGE
SPRING 2021

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RESIDENTIAL PROJECT

THE GOAL WAS TO DESIGN A ONE-STORY RESIDENTIAL HOUSE WITH AN EMPHASIS ON RANCH-STYLE STRUCTURE.

CONCEPT: SEPARATION OF PUBLIC AND PRIVATE SPACES. THE DESIGN INCLUDES AN OPEN FLOOR PLAN LAYOUT TO CONNECT ALL THE PUBLIC SPACES. THE HALLWAY FUNCTIONS AS A SEPARATION BETWEEN PUBLIC AND PRIVATE SPACES. THE INTERIOR OF THE HOUSE ALSO SEAMLESSLY CONNECTS TO THE OUTDOOR BACKYARD THROUGH SLIDING DOORS.



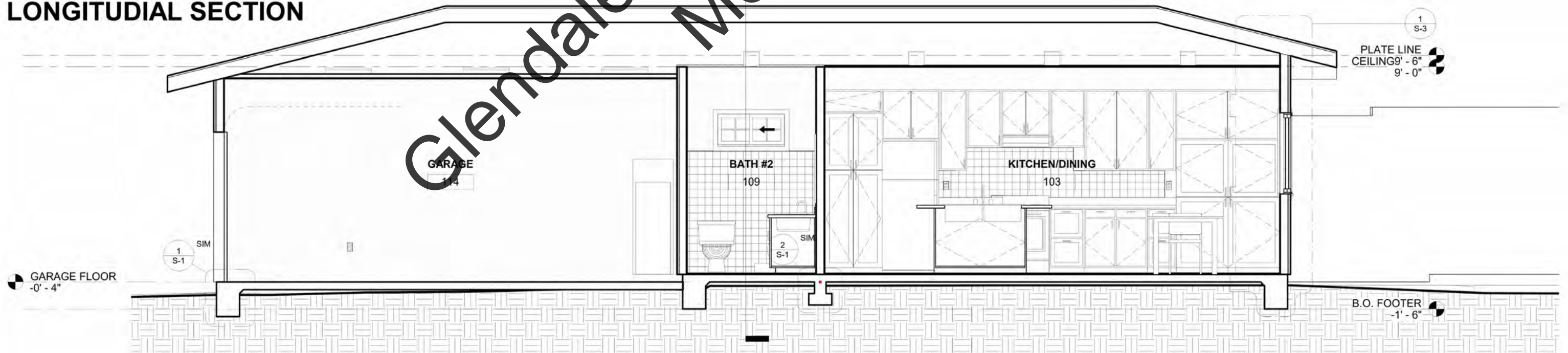
FLOOR PLAN



PARTI

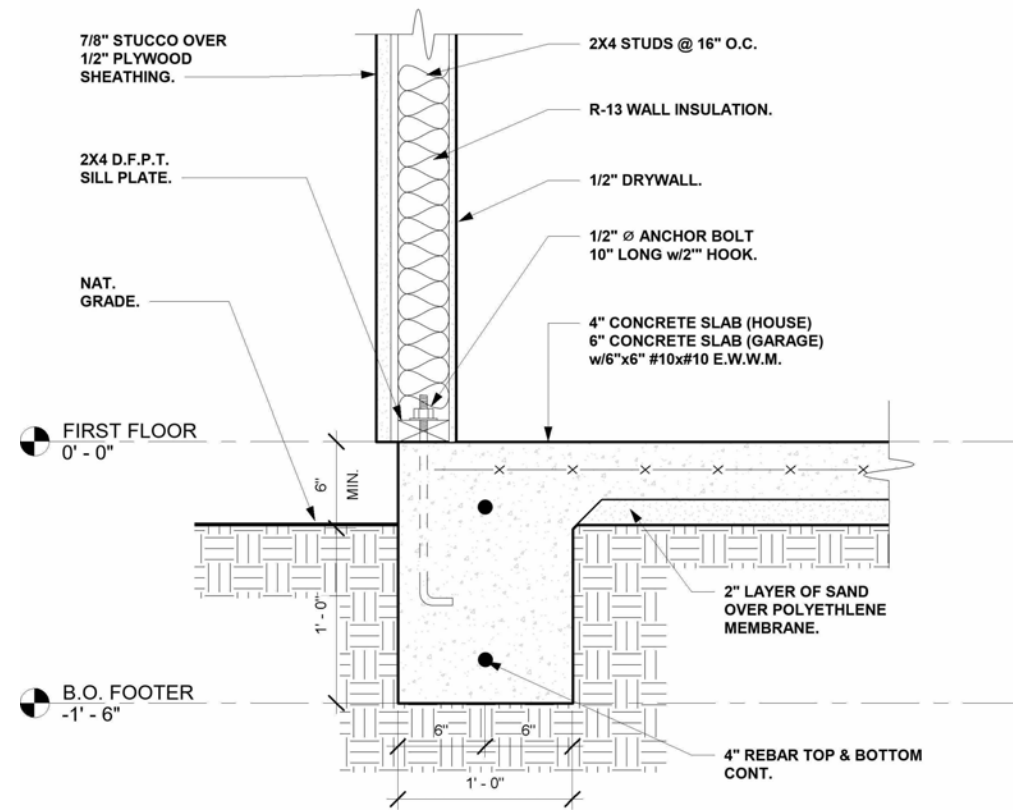


LONGITUDIAL SECTION

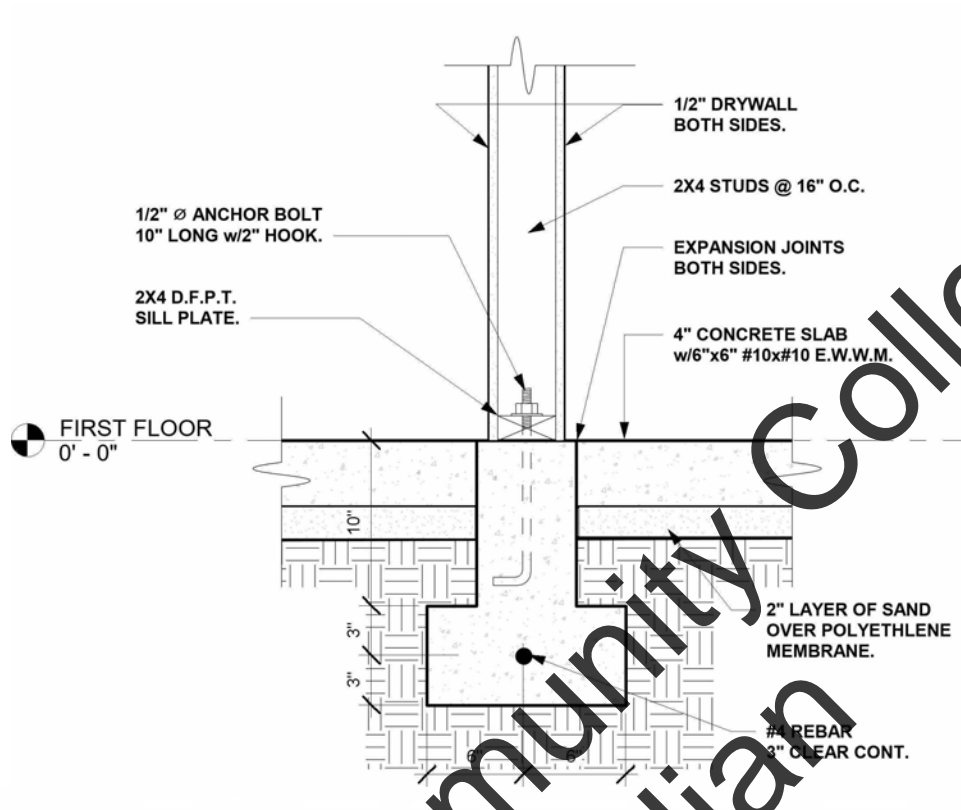


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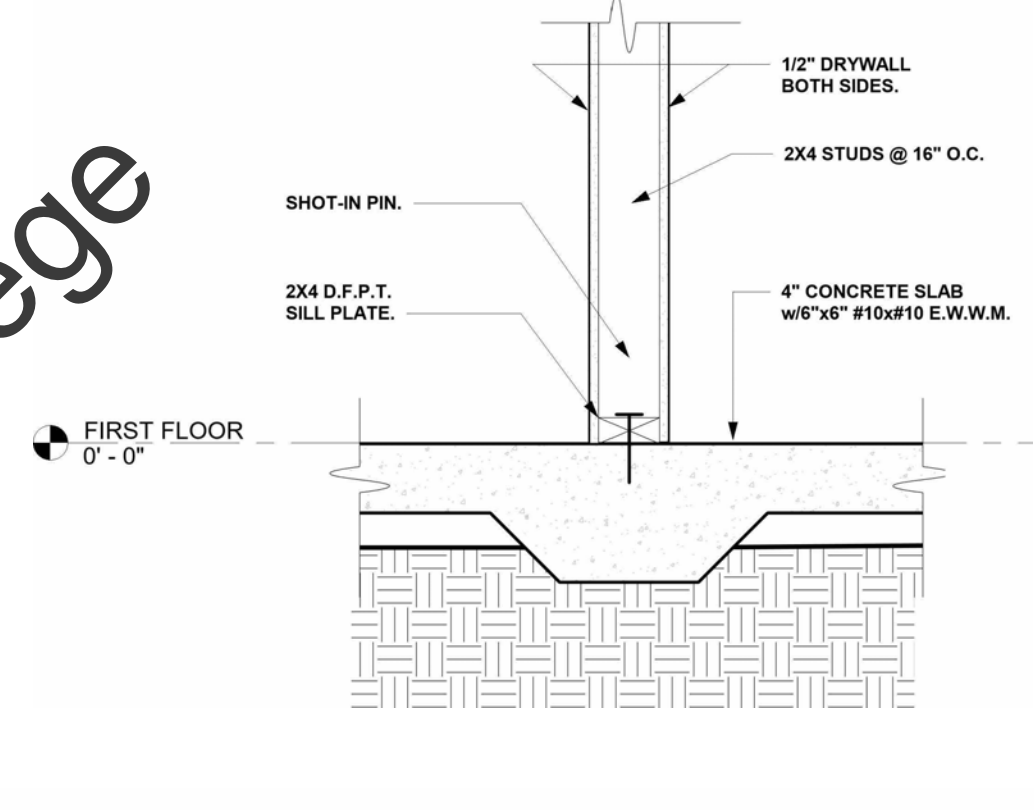
EXPERIOR BEARING DETAIL



INTERIOR BEARING DETAIL



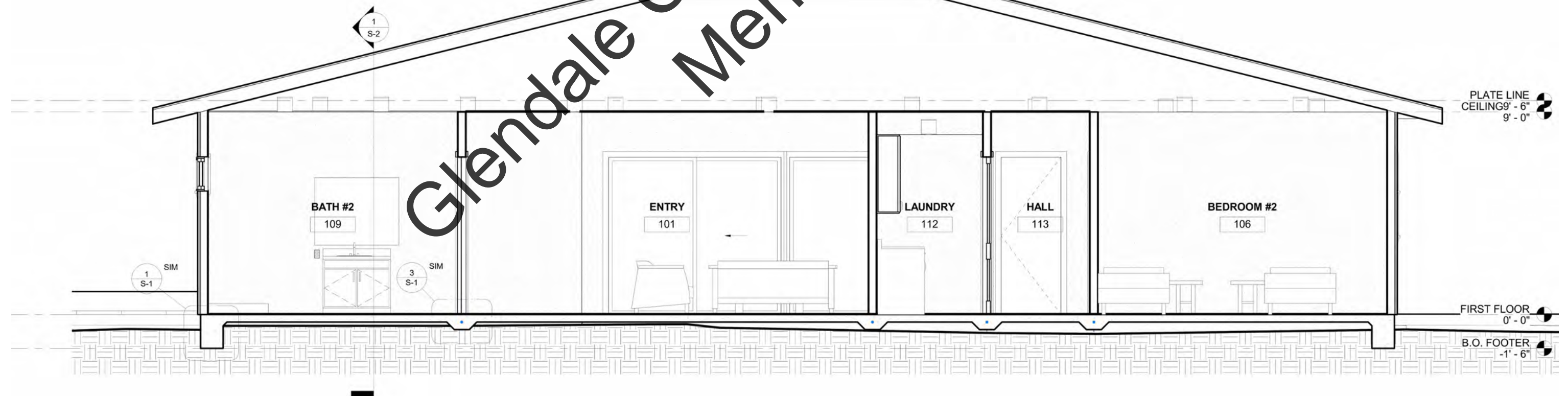
INTERIOR NON-BEARING DETAIL



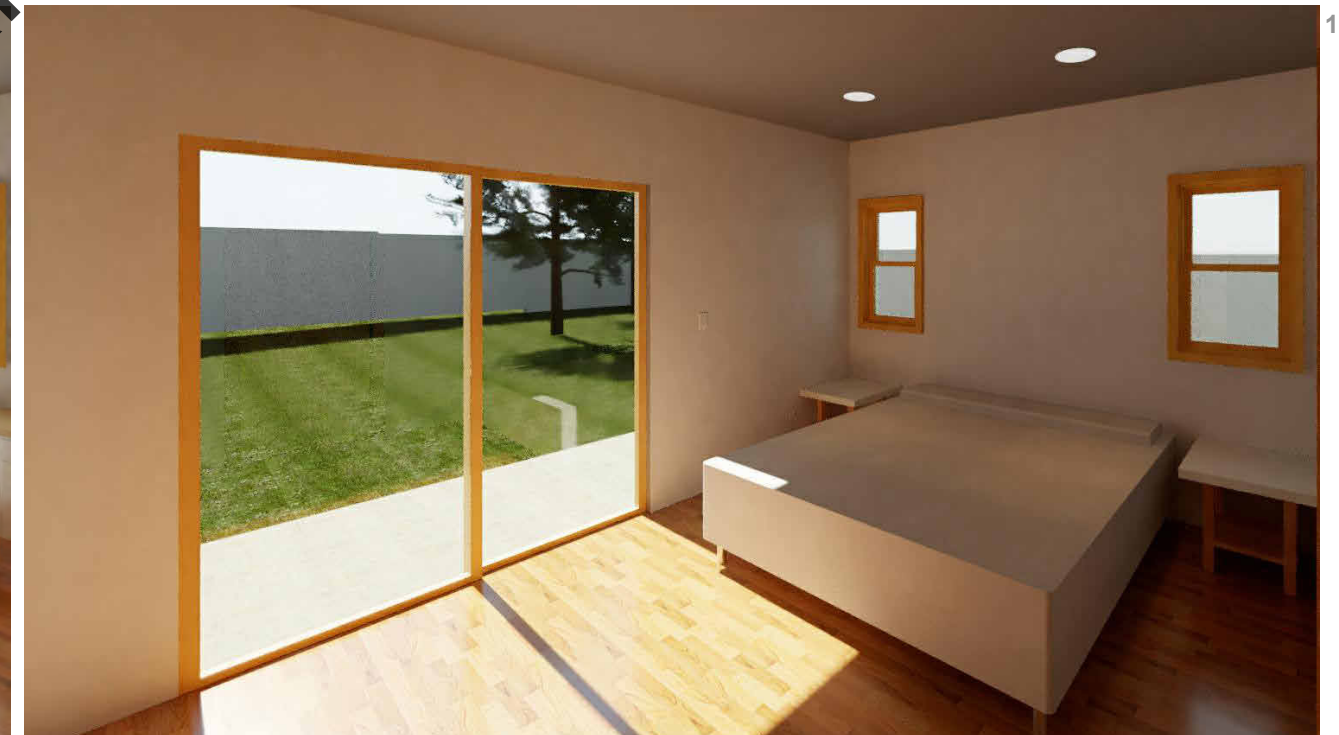
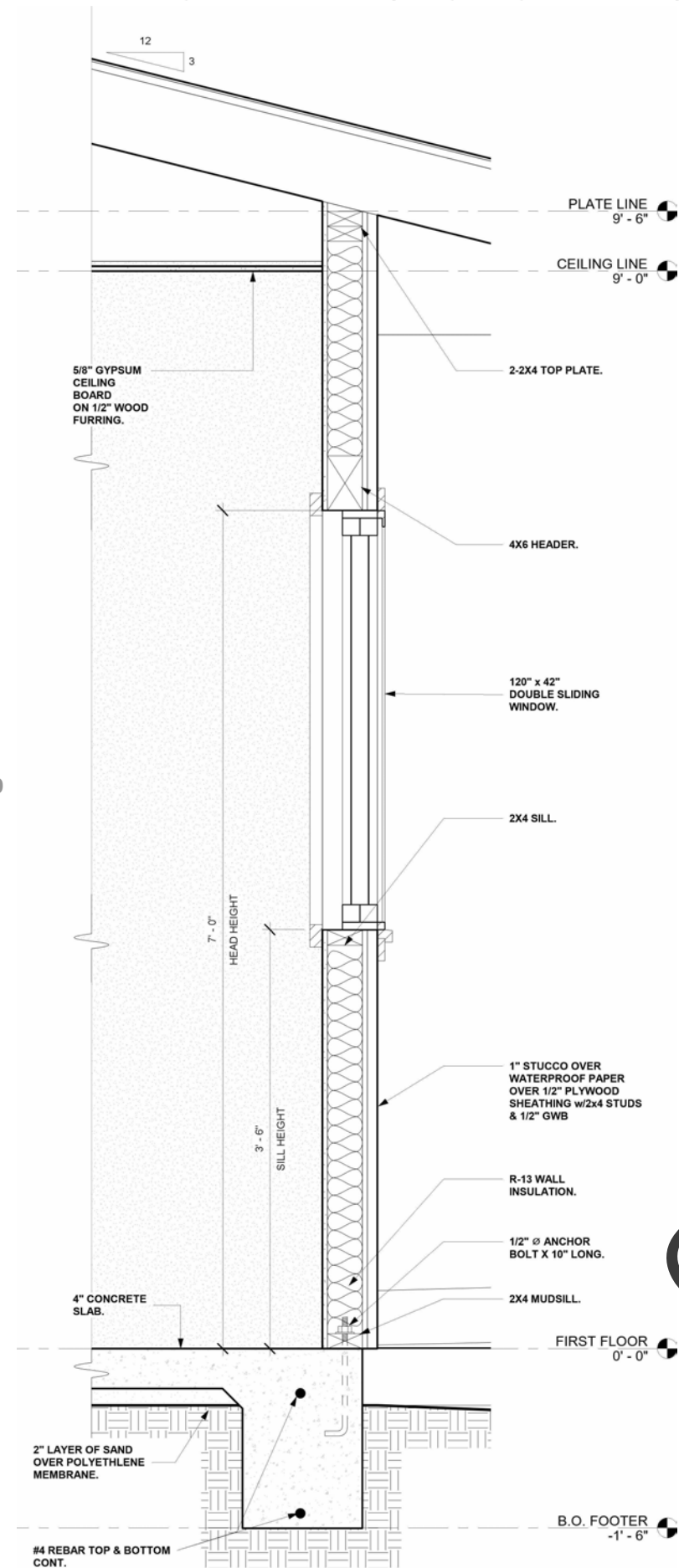
7

8

TRANSVERSE SECTION

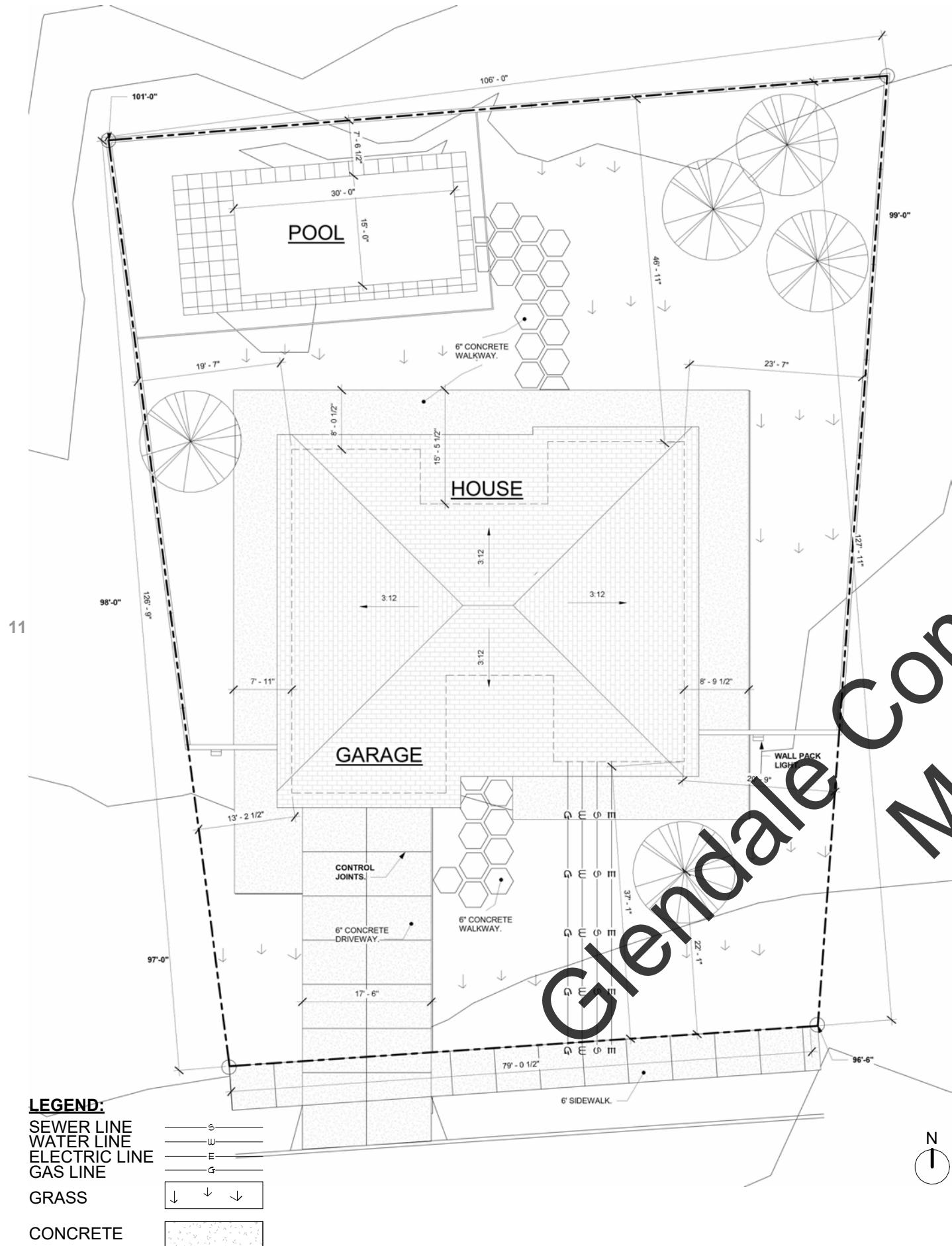


EXPERIOR WALL SECTION- WEST



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SITE PLAN



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HOME FOR TATYANA MCFADDEN

LOCATION: 708 E PALMER AVE, GLENDALE, CA

THIS HOUSE IS DESIGNED FOR TAYANA MCFADDEN: AN AMERICAN PARALYMPIC ATHLETE IN WHEELCHAIR RACING. SHE WAS BORN WITH SPINA BIFIDA WHICH UNABLES HER TO USE HER LEGS AND LOWER BODY. THIS DID NOT STOP HER FROM BECOMING A CHAMPION AND WINNING OVER 20 PARALYMPIC MEDALS.

CONCEPT: THE HOUSE IS MEANT TO TELL THE STORY OF TATYANA MCFADDEN'S LIFE AND EXHIBIT HER ROAD TO SUCCESS. THE HOUSE IS CUSTOM TO HER NEEDS BY THE USE OF ADA-COMPLIANT RAMP. THE GOAL OF THIS PROJECT IS ALSO TO EMPHASIZE THE IMPORTANCE OF HUMAN RIGHTS FOR DISABLED PEOPLE.



CONCEPT

TATYANA WAS BORN IN RUSSIA. WHEN HER MOTHER WAS UNABLE TO TAKE CARE OF HER FINANCIALLY, SHE WAS PUT INTO AN ORPHANAGE.

THE SHAPE OF THE FIRST BEDROOM IS A REMINDER OF HER CHILDHOOD BY IMITATING THE NESTING RUSSIAN DOLL TOYS.



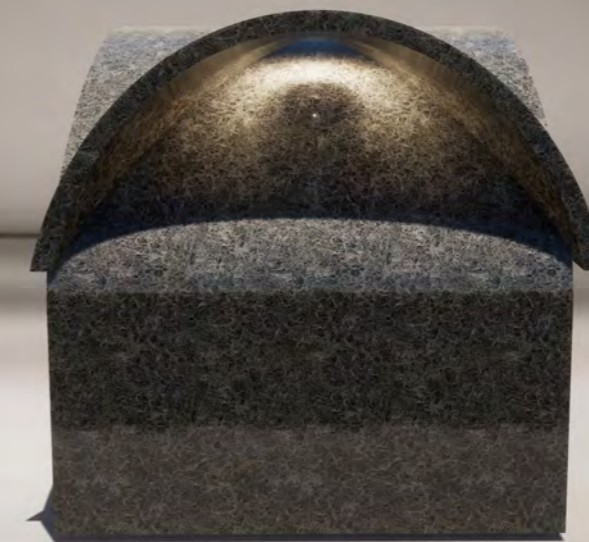
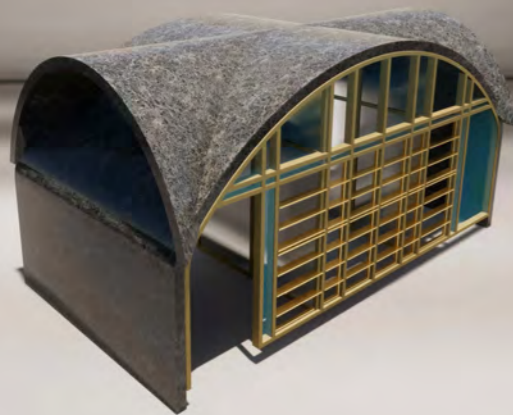
FROM AN ORPHANAGE, TATYANA WAS ADOPTED BY AN AMERICAN FAMILY. SHE THEN WAS PUT INTO THE WHEELCHAIR FOR THE FIRST TIME. THE WHEELCHAIR HAD GIVEN HER FREEDOM.

THE SHAPE OF THE SECOND BEDROOM REPRESENTS HER MOVE TO AMERICA BY IMITATING THE STATUE OF LIBERTY. THE STATUE OF LIBERTY IS KNOWN TO WELCOME IN IMMIGRANTS. THE CROWN HAS SEVEN RAYS SYMBOLIZING SEVEN CONTINENTS. THIS PORTRAYS THE IMPORTANCE OF GLOBAL LIBERTY.

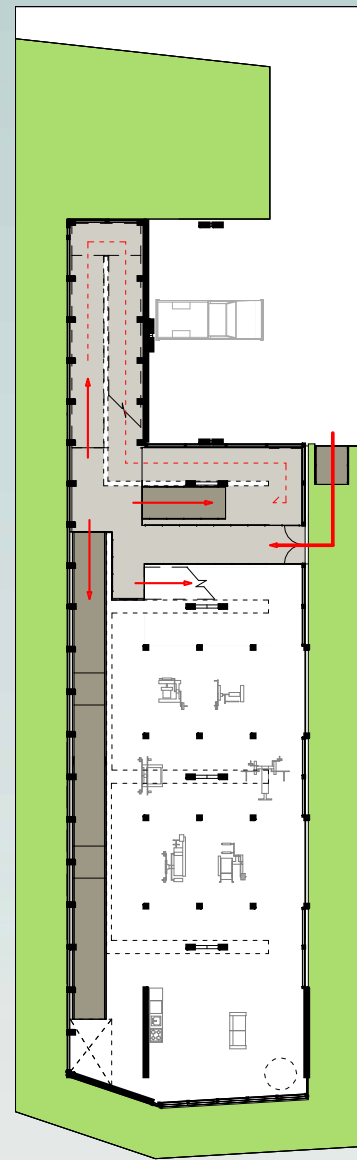


TATYANA PARTICIPATED IN HER FIRST PARALYMPIC GAMES IN 2004 AND WON A SILVER MEDAL. WHEN SHE CAME BACK, SHE WANTED TO JOIN THE HIGH SCHOOL TRACK TEAM BUT WAS DENIED. SHE DECIDED TO FIGHT FOR HER RIGHTS AND SUED FOR THE RIGHT OF PEOPLE WITH DISABILITIES TO PARTICIPATE IN HIGH SCHOOL SPORTS. THE LAW BECAME THE FEDERAL, 'SPORTS AND FITNESS EQUITY LAW', ALSO KNOWN AS 'TATYANA'S LAW'.

THE THIRD BEDROOM DEMONSTRATES TATYANA'S SUCCESS IN ACHIEVING JUSTICE BY IMITATING THE LADY JUSTICE STATUE. MANY COUNTRIES RECOGNIZE THIS STATUE AS A SYMBOL OF FOR THEIR COURT. THE BLINDFOLD IS A SYMBOL OF UNBIASED JUDGMENT.



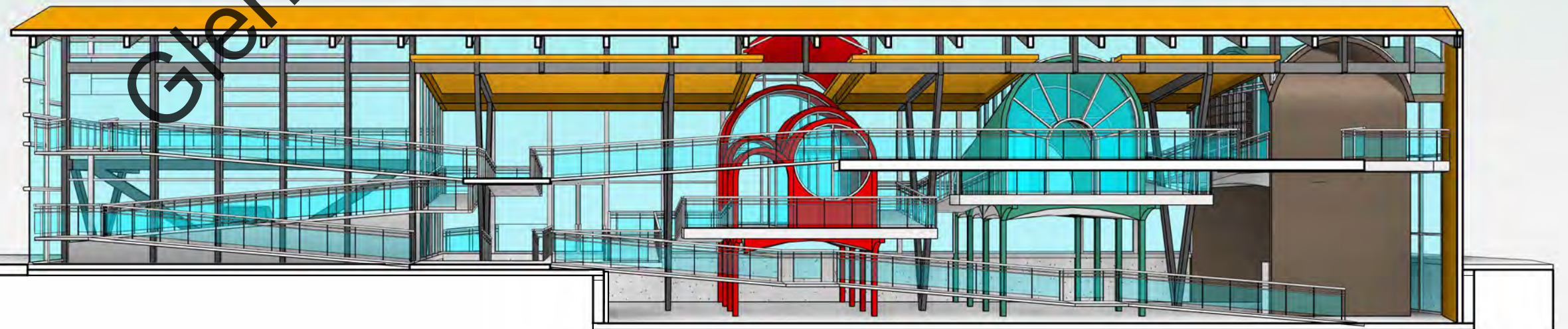
LOWER FLOOR PLAN

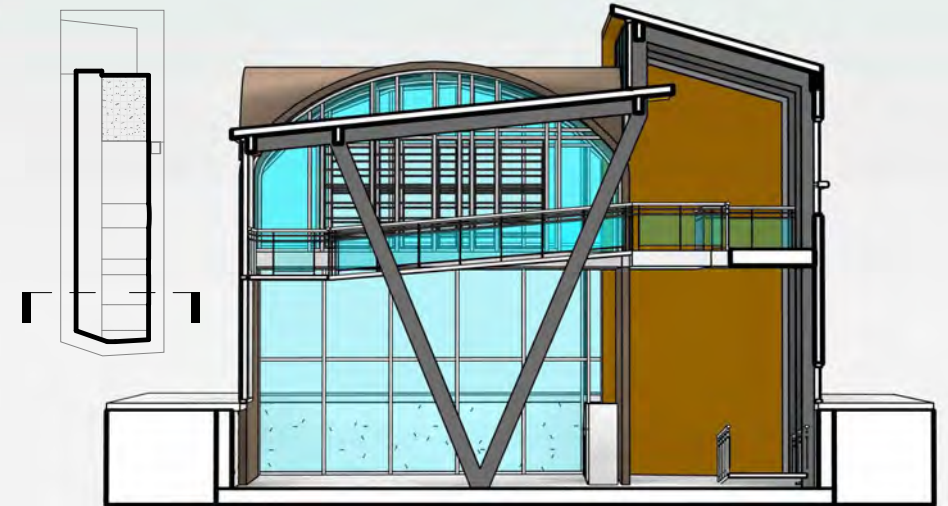
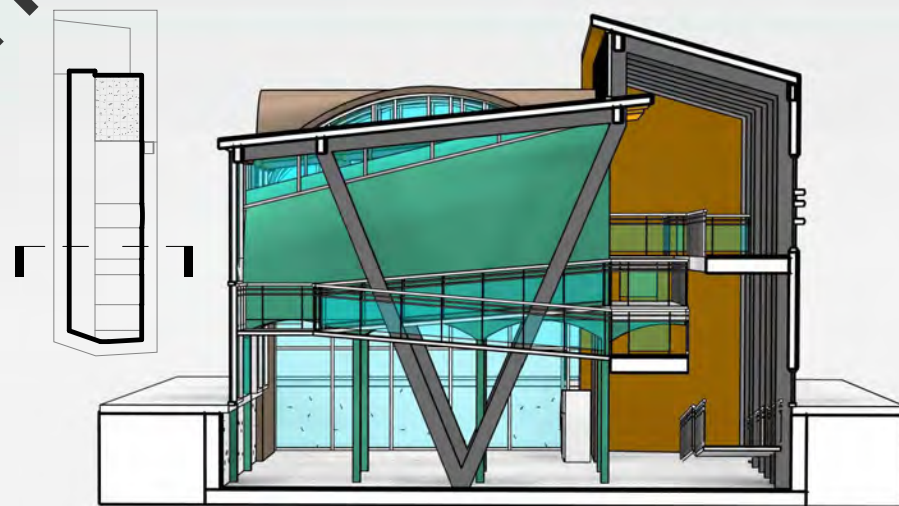
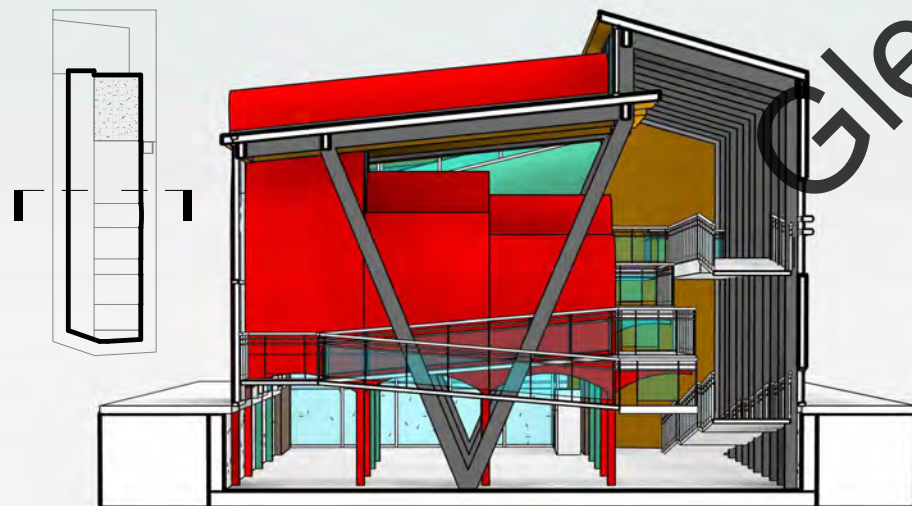
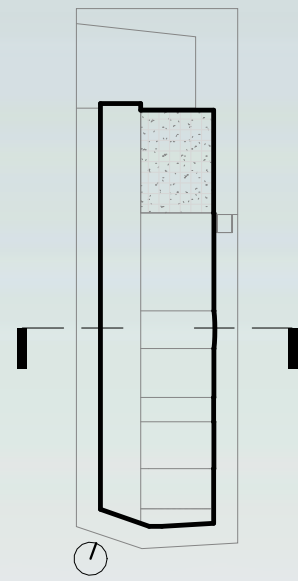


UPPER FLOOR PLAN

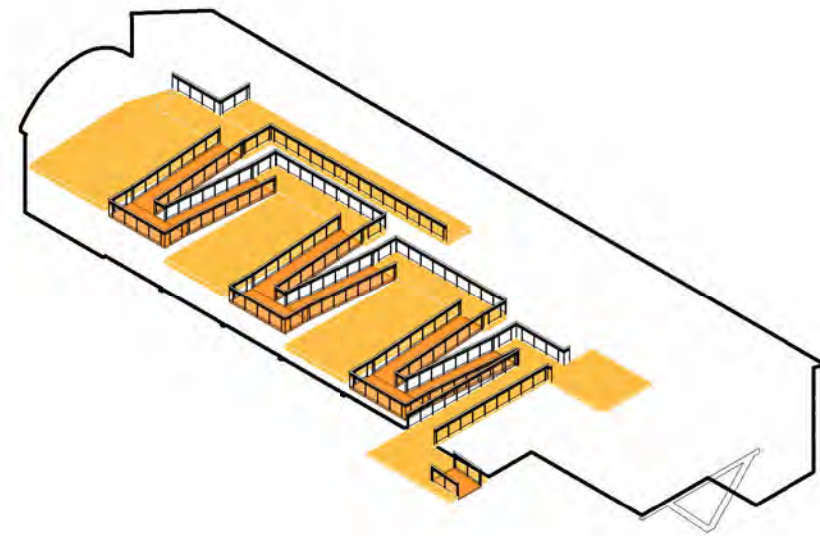


ROOF PLAN

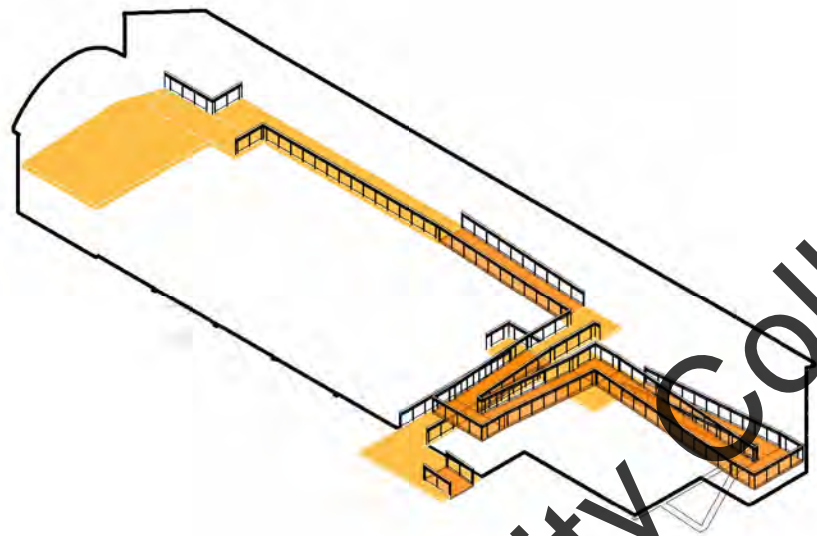




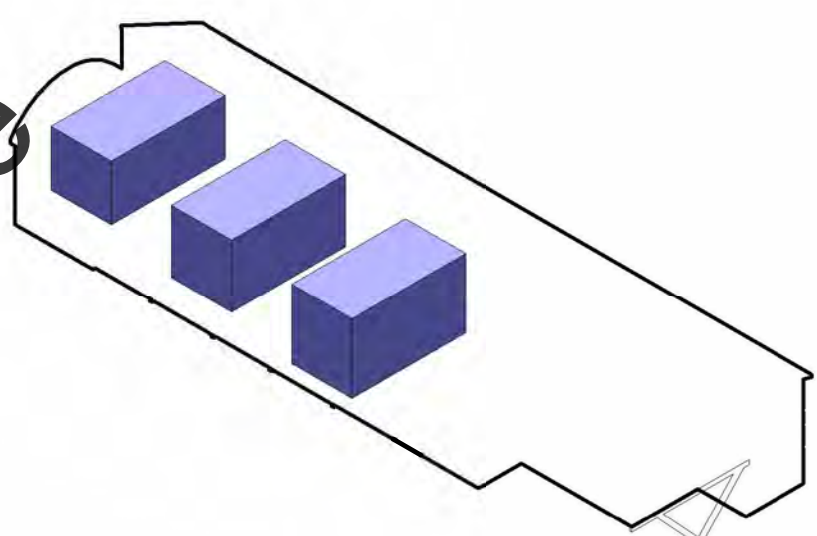
CIRCULATION



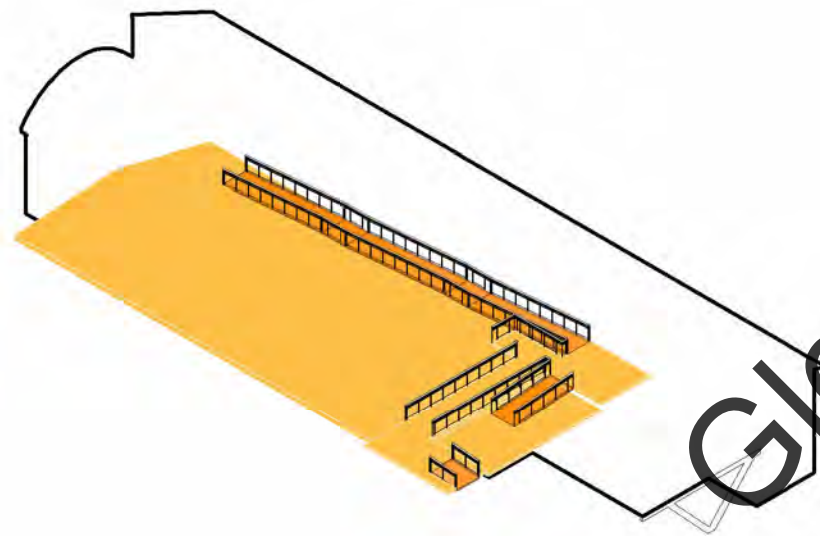
GROUND LEVEL TO SECOND LEVEL CIRCULATION
 AS TATYANA MOVES UP TO THE SECOND LEVEL, SHE PASSES THROUGH THE STAGES OF HER LIFE.



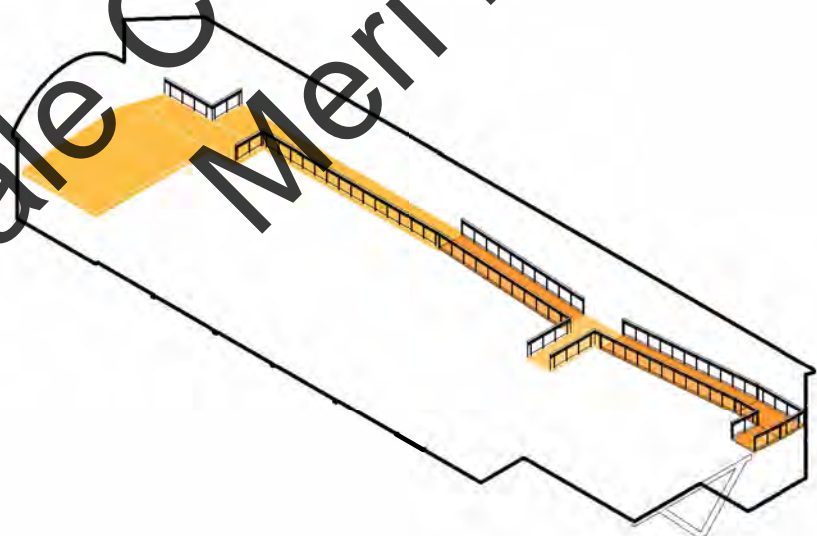
SECOND LEVEL TO GROUND LEVEL CIRCULATION
 GOING BACK FROM THE SECOND FLOOR TO THE GROUND LEVEL, TATYANA IS ABLE TO LOOK DOWN AND ADMIRE OF HOW FAR SHE HAS COME.



PRIVATE: BEDROOM, WALK-IN CLOSET, RESTROOM
PUBLIC: ROOF PATIO, LIVING ROOM, KITCHEN, DINNING, GYM

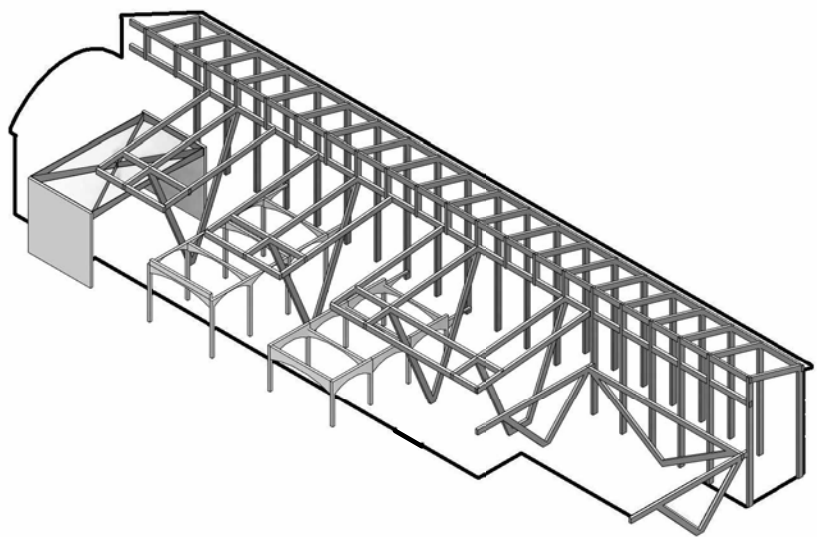


GROUND LEVEL TO UNDERGROUND LEVEL CIRCULATION



SECOND LEVEL TO ROOF PATIO CIRCULATION

STRUCTURE

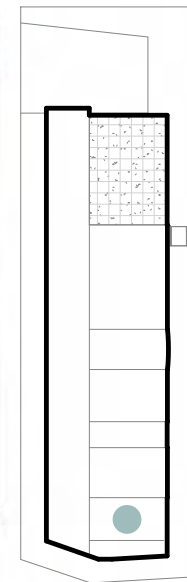




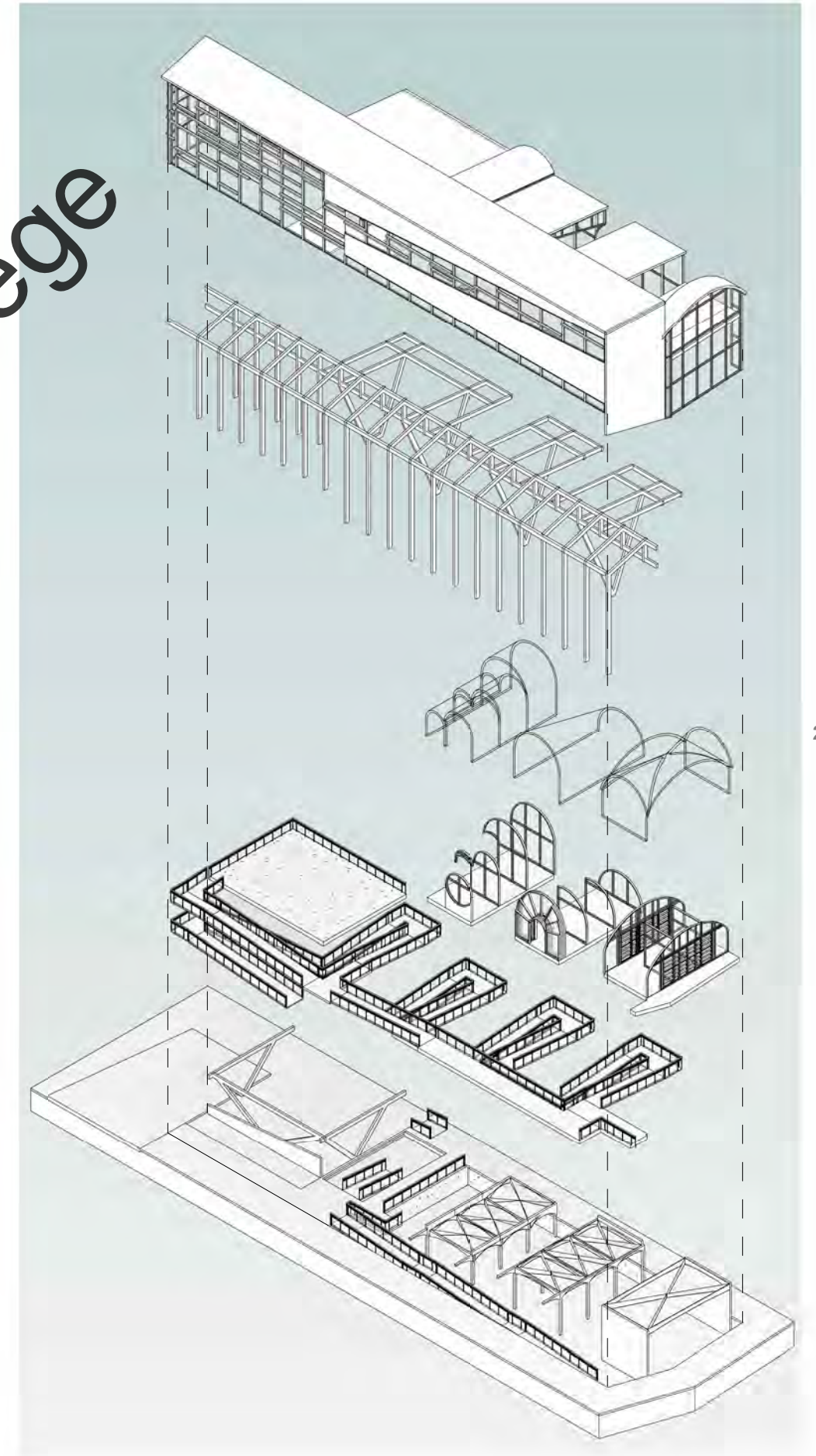
RAMP ACCESS TO UPPER AND LOWER LEVELS



LIVING ROOM AND KITCHEN



EXPLODED VIEW





SECOND LEVEL VIEW TOWARDS THE FRONT OF THE HOUSE



SECOND LEVEL TOWARDS THE BACK OF THE HOUSE



EAST ELEVATION

SENIOR HOUSING MIXED-USE PROJECT

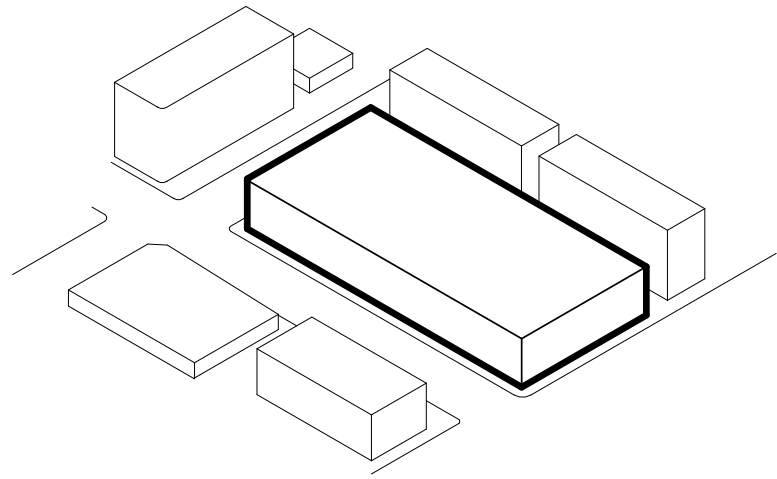
LOCATION: 520 W PICO BLVD, LOS ANGELES, CA

LOCATED ON THE CORNER OF PICO BLVD AND SOUTH FLOWER ST, THE SITE IS A BLOCK AWAY FROM THE LOS ANGELES CONVENTION CENTER AND THE NEARBY PICO METRO BLUE LINE.

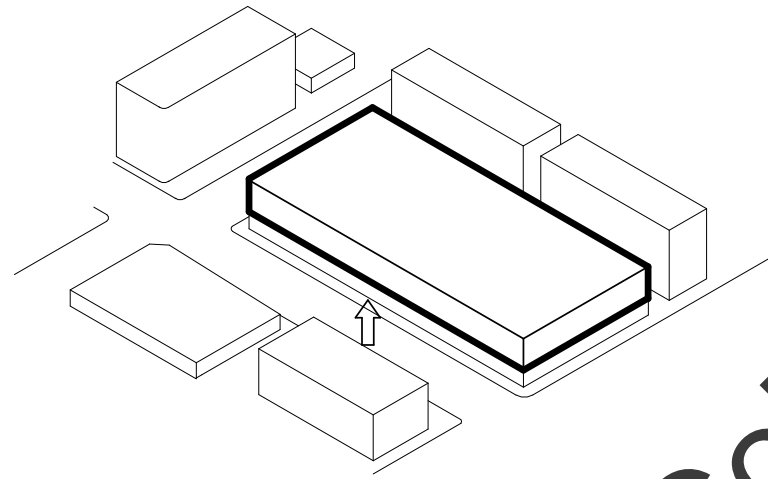
CONCEPT: GIVEN THE ACTIVE LOCATION, THE GOAL IS TO CREATE A SAFE COMMUNITY. SENIOR APARTMENTS ARE RAISED TO THE SECOND LEVEL FOR SECURITY. THE SECOND LEVEL ALSO INCLUDES INDOOR AND OUTDOOR SPACES. THESE SPACES ARE TO BRING RESIDENTS OUT OF THEIR UNITS TO SPEND TIME WITH EACH OTHER CREATING A STRONGER COMMUNITY.



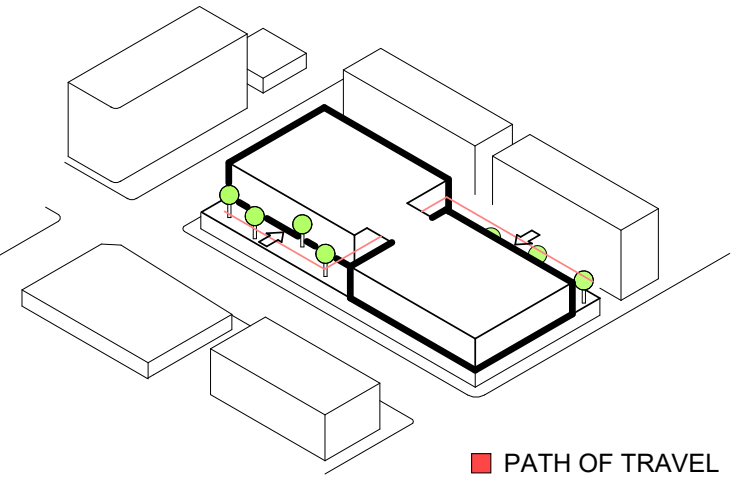
CONCEPT



BASIC VOLUME



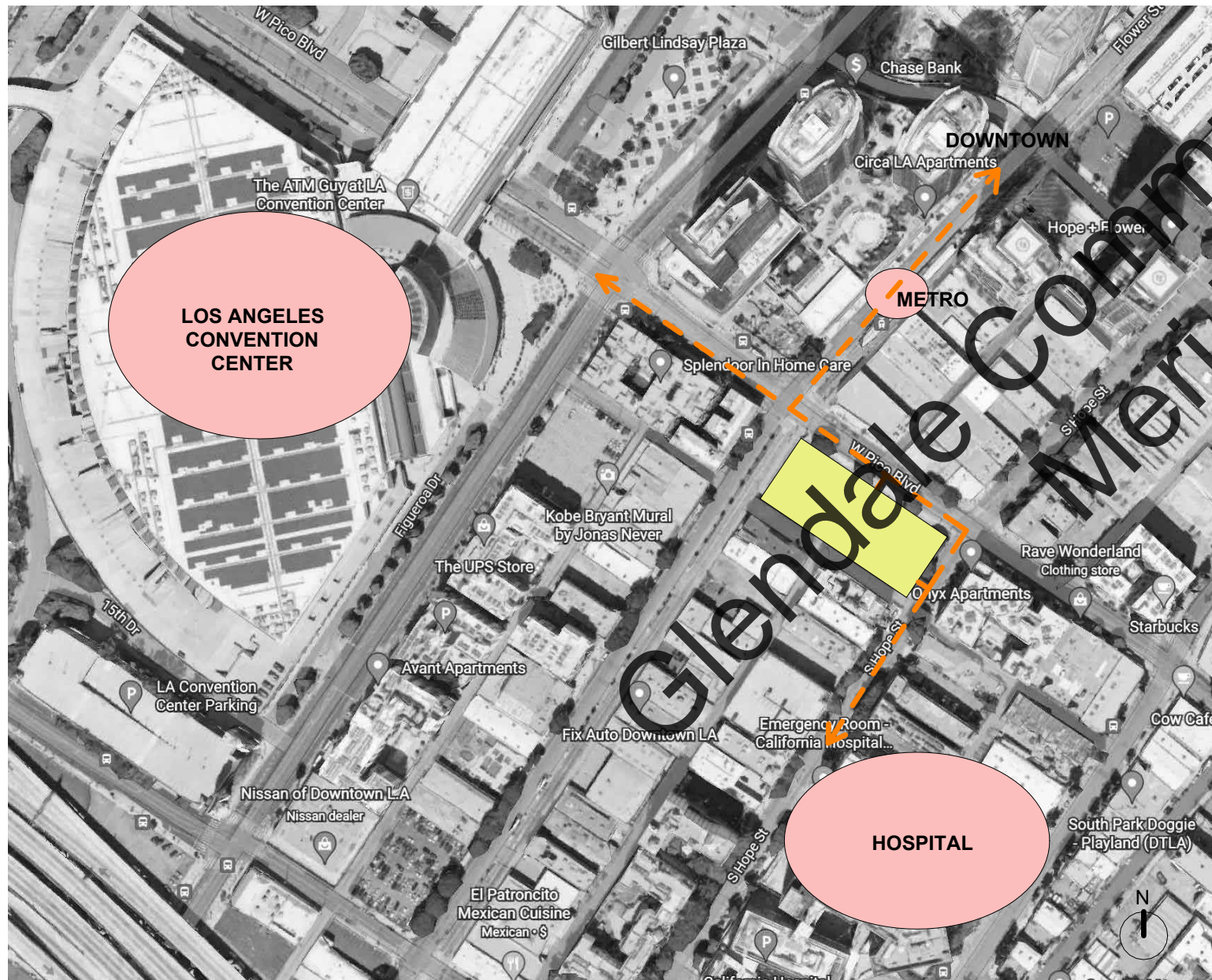
LIVING UNITS RAISED FOR SECURITY



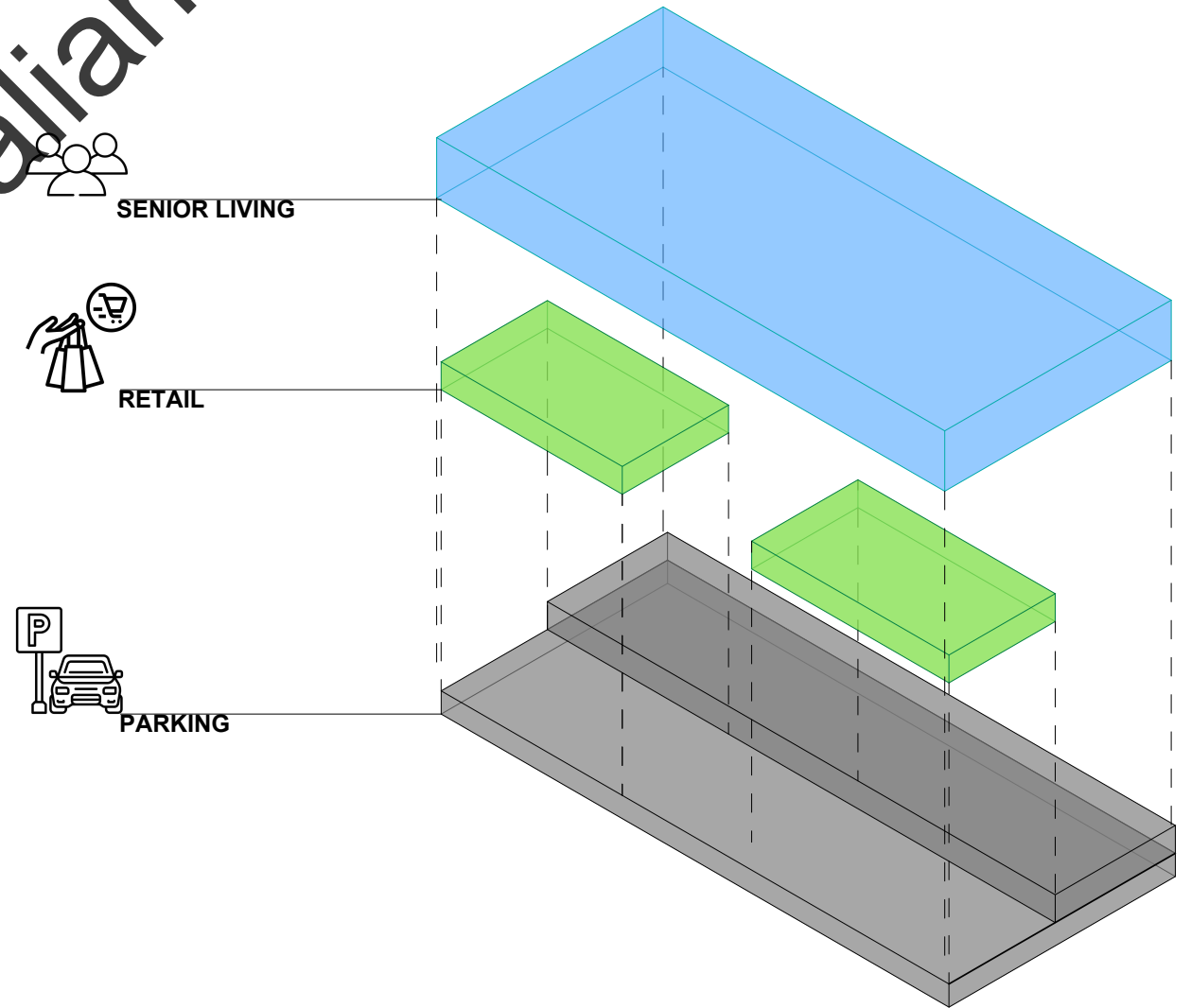
PATH OF TRAVEL

OUTDOOR GREEN AREA

SITE ANALYSIS



PROGRAM

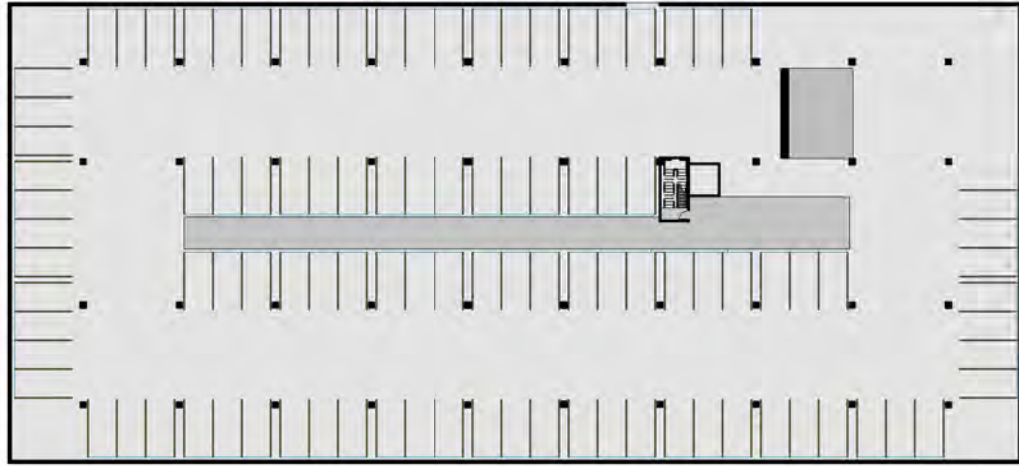


SENIOR LIVING

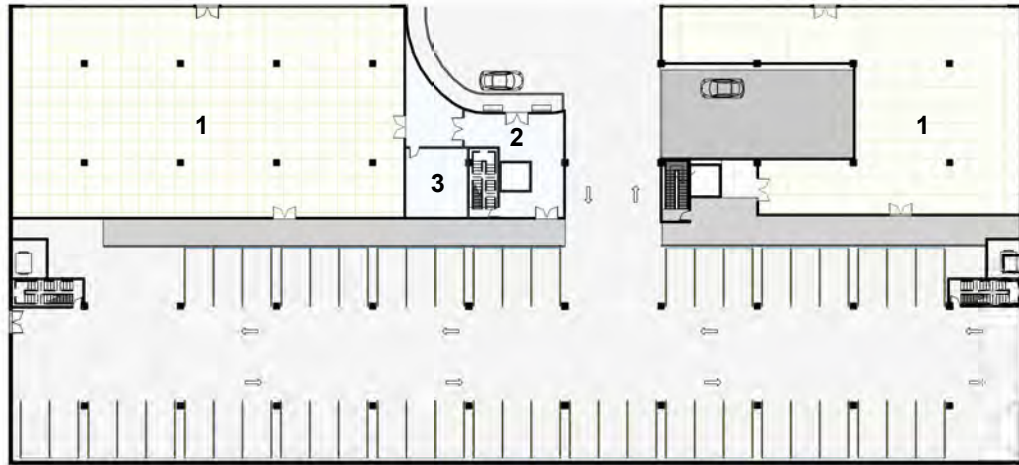
RETAIL

PARKING

UNDERGROUND PARKING FLOOR PLAN



GROUND LEVEL FLOOR PLAN



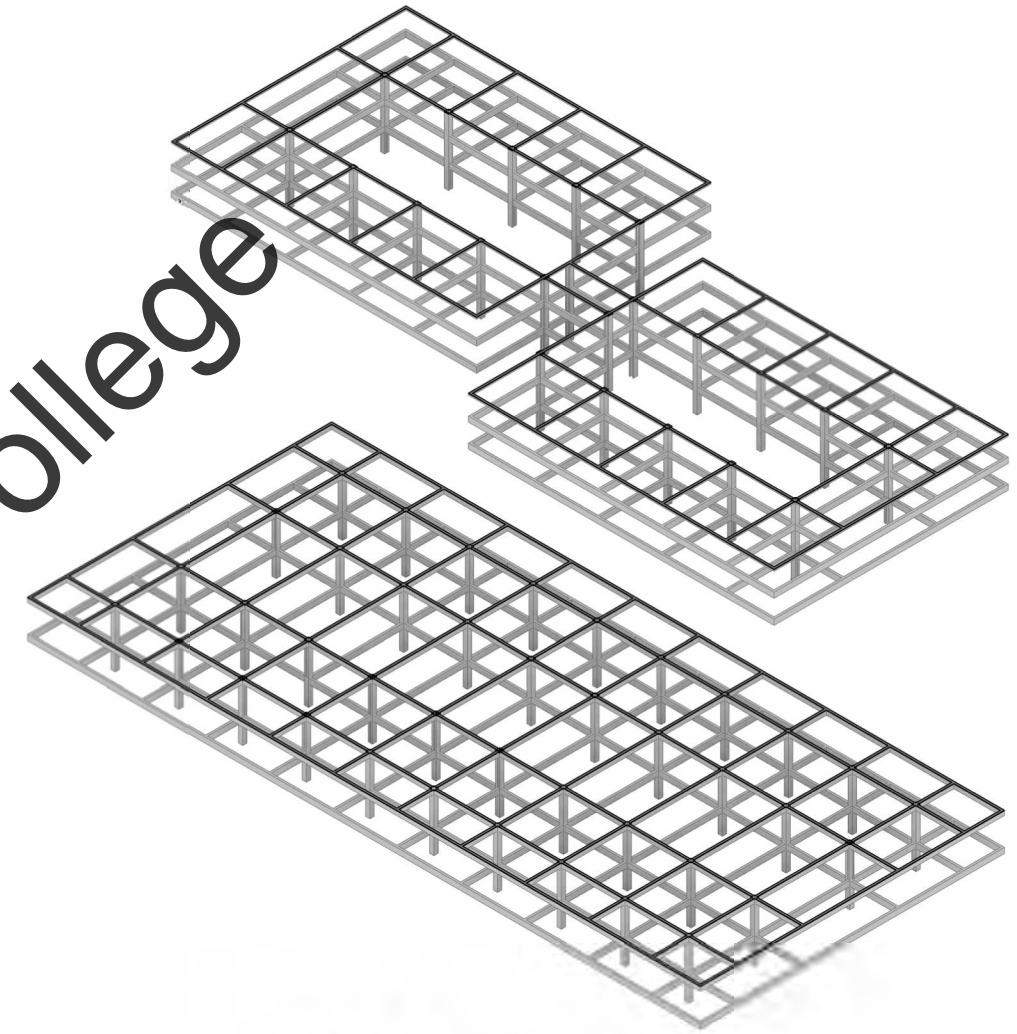
- 1. RETAIL
- 2. LOBBY
- 3. MANAGER'S OFFICE

SECOND LEVEL FLOOR PLAN

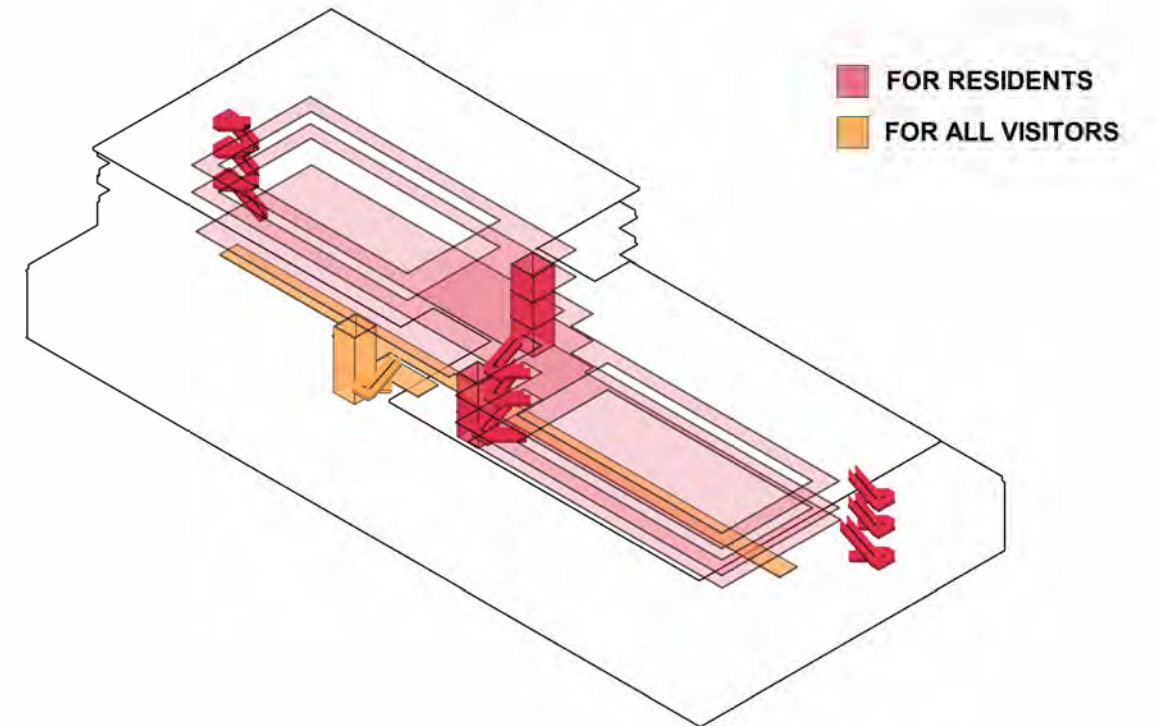


- 1. OUTDOOR GREEN AREA
- 2. LOBBY
- 3. TRASH ENCLOSURE
- 4. LAUNDRY
- 5. INDOOR LOUNGE AREA
- 6. KITCHEN
- 7. TOILETS/ MAINTENANCE
- 8. LOUNGE
- 9. TECHNICAL
- 10. ELECTRICAL
- 11. STORAGE
- 12. NURSE'S OFFICE

STRUCTURE

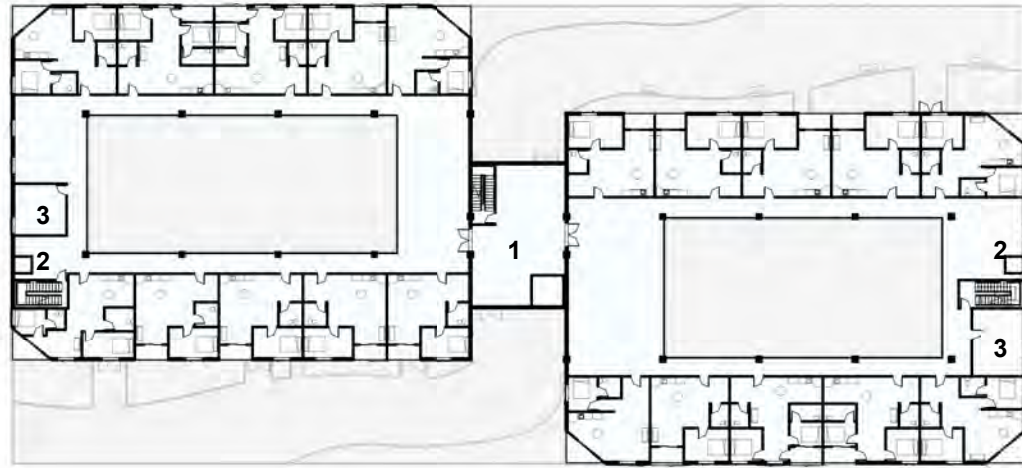


CIRCULATION



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THIRD LEVEL FLOOR PLAN



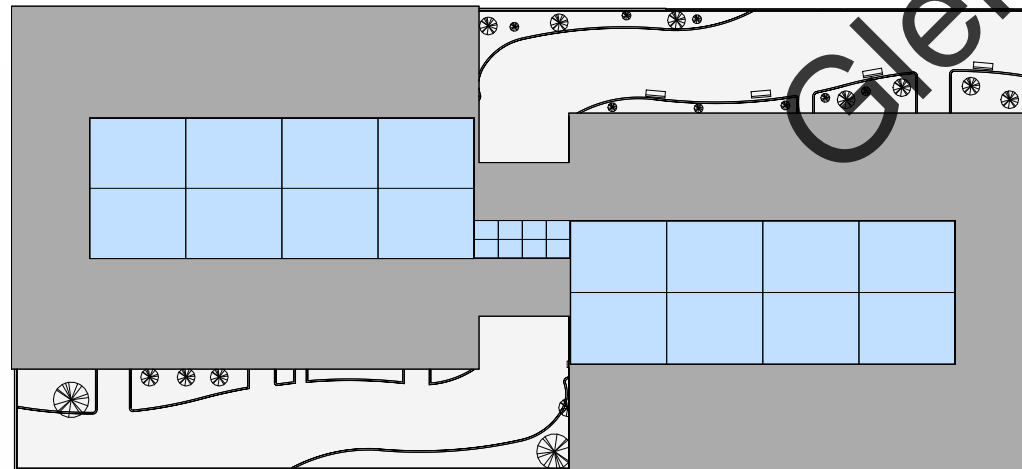
- 1. LOBBY
- 2. TRASH ENCLOSURE
- 3. LAUNDRY

FOURTH LEVEL FLOOR PLAN

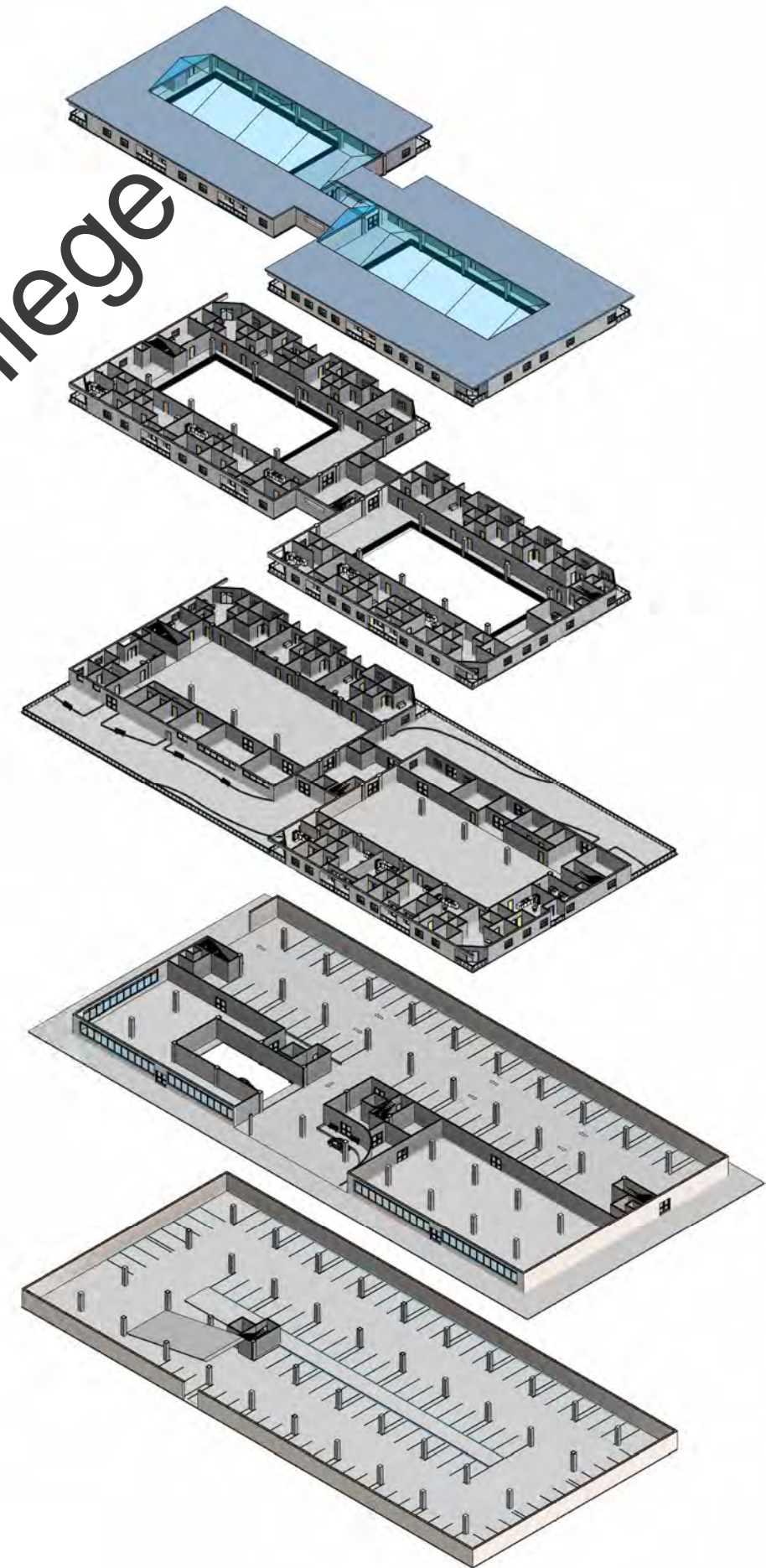


- 1. LOBBY
- 2. TRASH ENCLOSURE
- 3. LAUNDRY

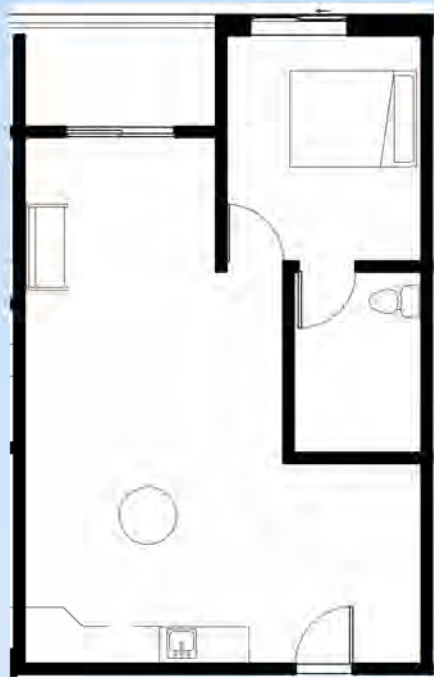
ROOF PLAN



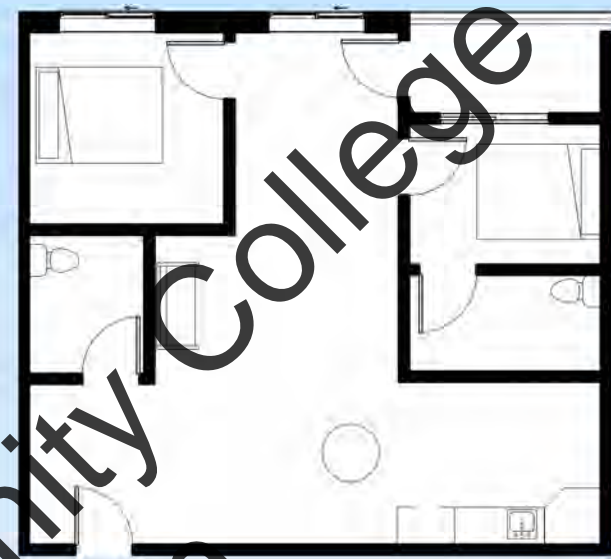
EXPLODED VIEW



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ONE BEDROOM UNIT LAYOUT

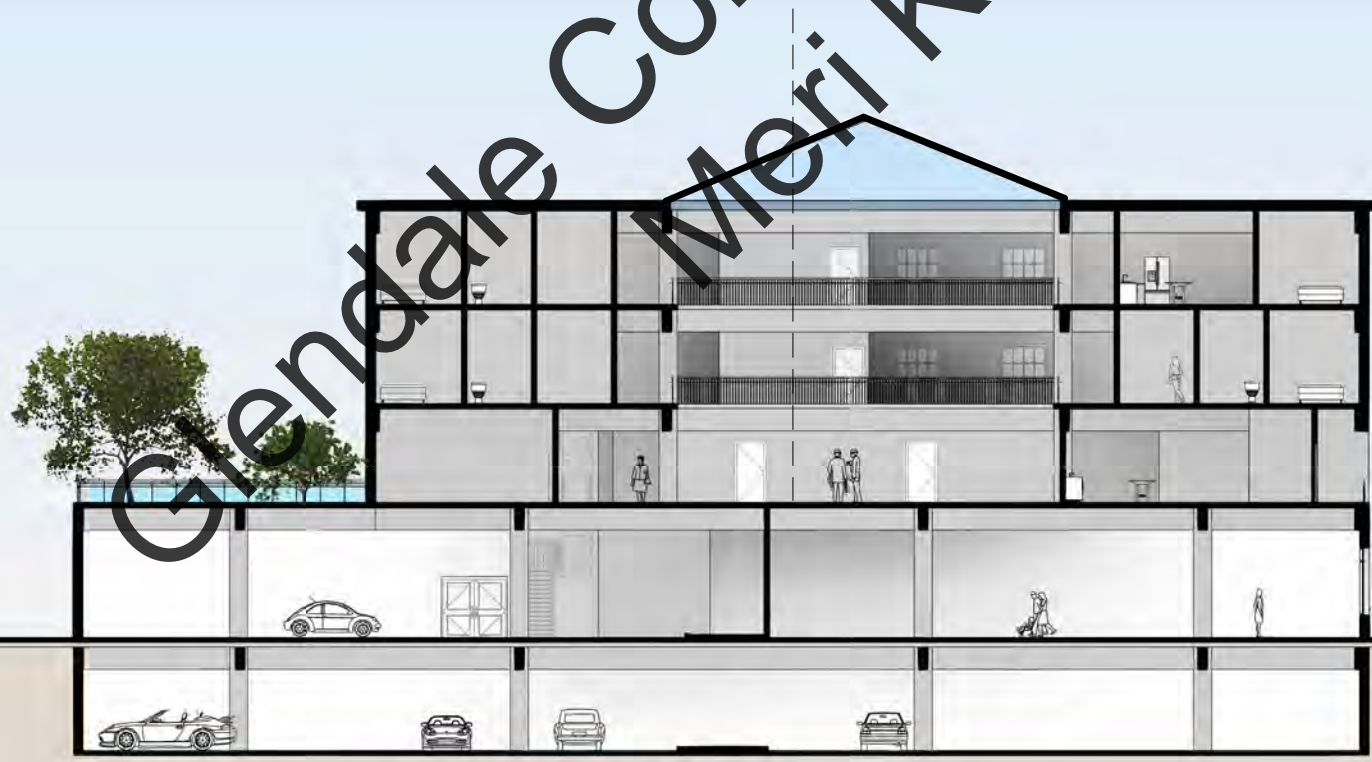
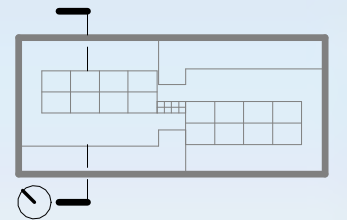


TWO BEDROOM UNIT LAYOUT

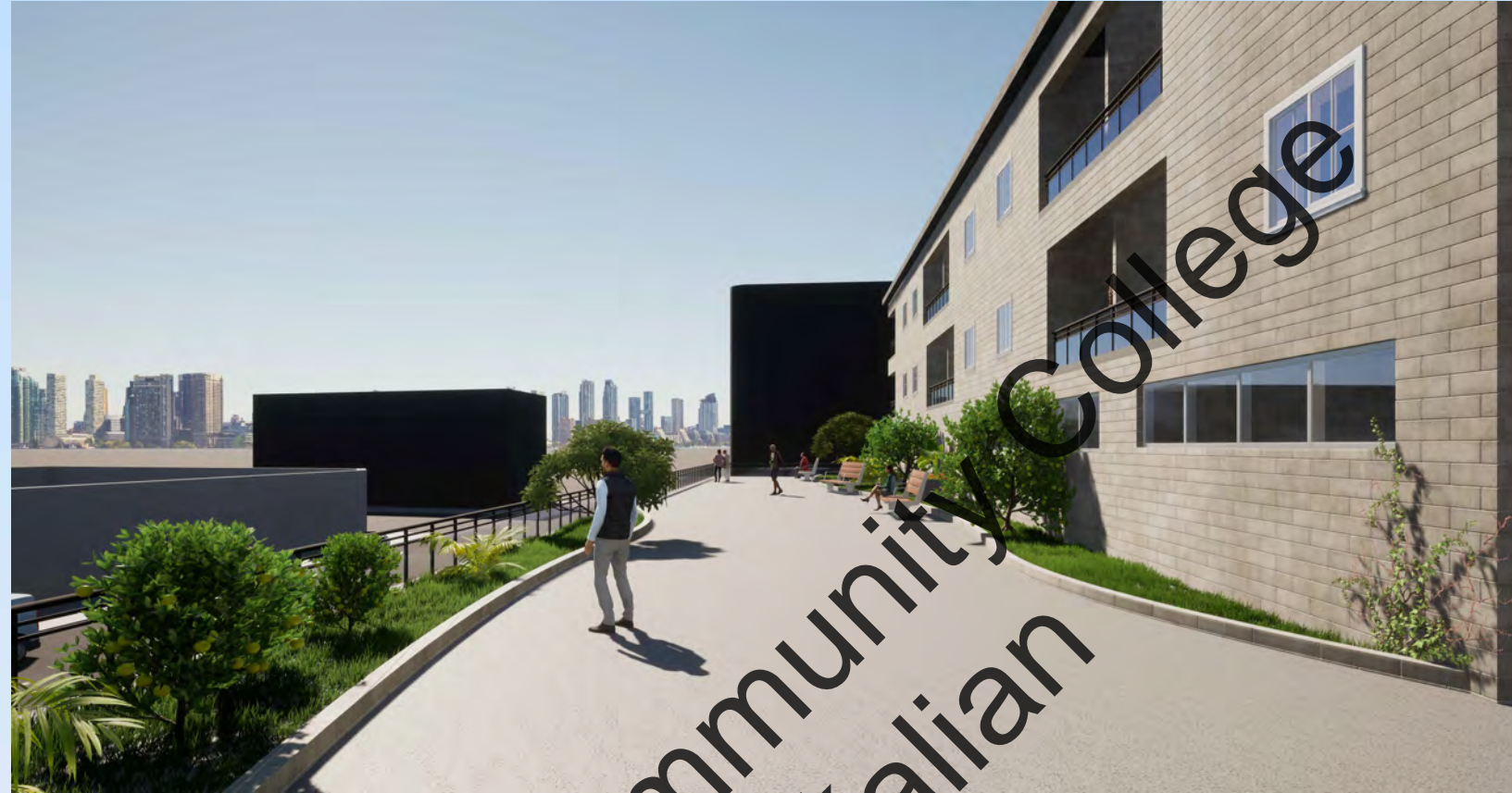




INDOOR LOUNGE AREA



NORTH ELEVATION



OUTDOOR GREEN AREA FOR DAILY WALKS WITH DOWNTOWN VIEWS

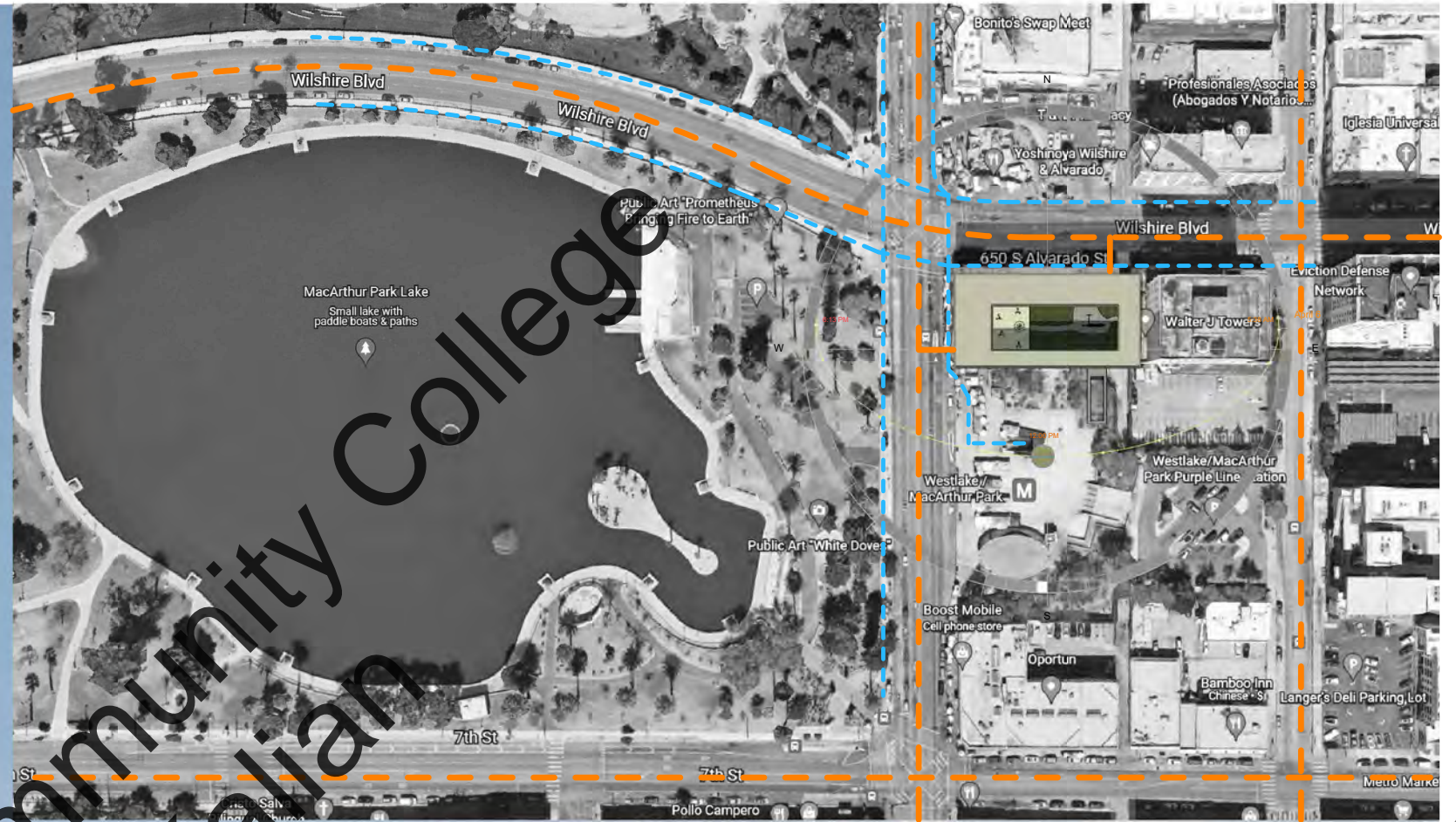


MACARTHUR PARK PROJECT - MIXED-USE BUILDING

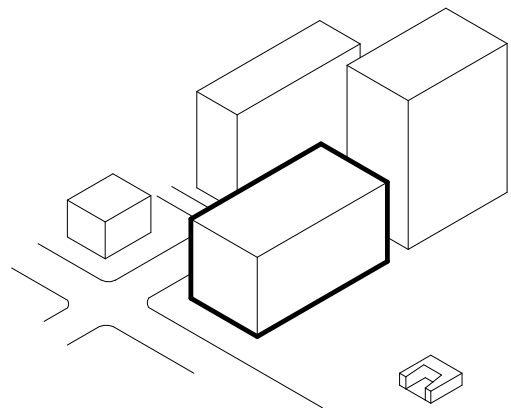
LOCATION: 650 S ALVARADO ST, LOS ANGELES, CA

THE GOAL WAS TO DESIGN A HIGH-RISE MIXED-USE BUILDING THAT WOULD SERVE THE COMMUNITY FOR MULTIPLE PURPOSES AND INCLUDE A CONNECTION TO THE METRO STATION BELOW. THE SITE IS LOCATED ON THE CORNER OF S ALVARADO ST AND WILSHIRE BLVD. IT IS SITUATED ACROSS MACARTHUR PARK AND NEXT TO WESTLAKE/MACARTHUR PARK METRO STATION. THIS IS A HIGH-TRAFFIC AREA WITH THE STREETS BEING DESIGNATED AS MAJOR HIGHWAYS AND SURFACE TRANSIT ROUTES. DUE TO THE DENSE POPULATION OF THIS NEIGHBORHOOD, THE CONCEPT IS SECURITY.

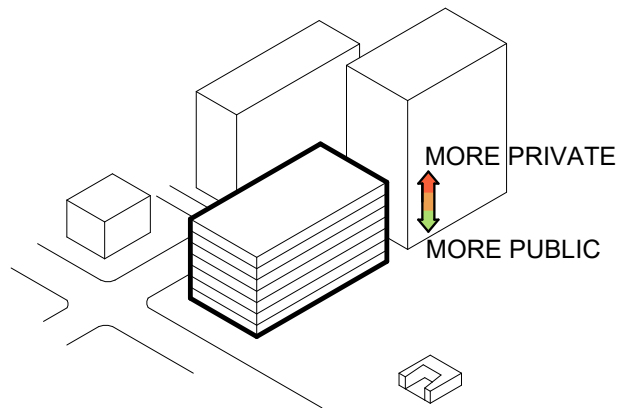
CONCEPT: THE DESIGN REVOLVES AROUND THE SECURED CENTRALIZED CIRCULATION. EVERYONE WHO ENTERS AND LEAVES THE BUILDING IS TO PASS THROUGH THE MAIN LOBBY CONTROLLED BY SECURITY. THE REST OF THE SPACE CLOSELY FOLLOWS THE FUNCTION GIVEN BY THE PROGRAM. THE PLACEMENT OF THE PROGRAM BY LEVEL FOLLOWS THE LEVEL OF SECURITY FROM PUBLIC TO PRIVATE.



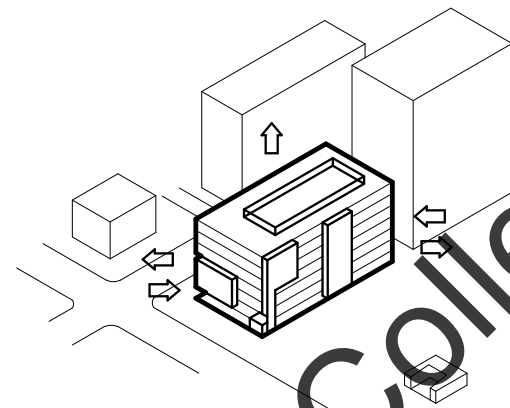
CONCEPT DIAGRAMS



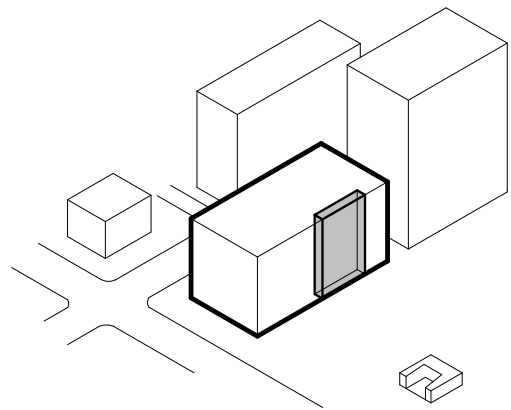
BASIC VOLUME



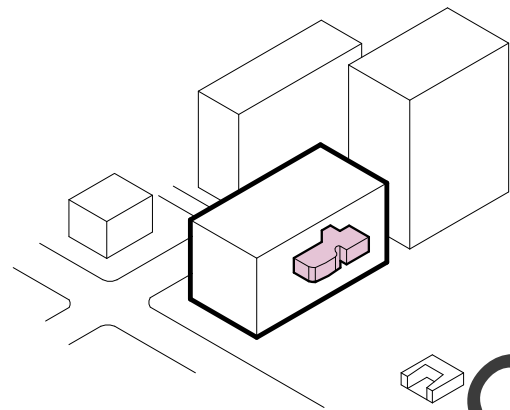
PROGRAM STACKING BY SECURITY LEVEL



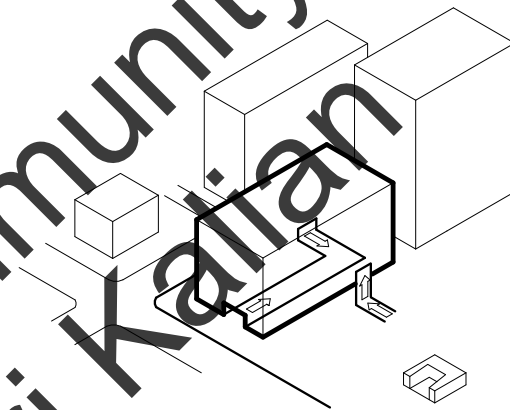
PROJECTION BY FUNCTIONAL REQUIREMENT



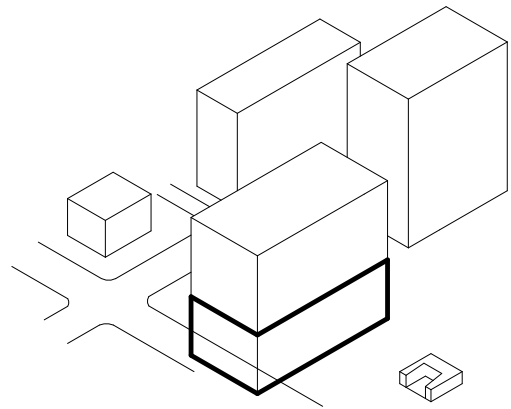
SECURE CENTRALIZED CIRCULATION



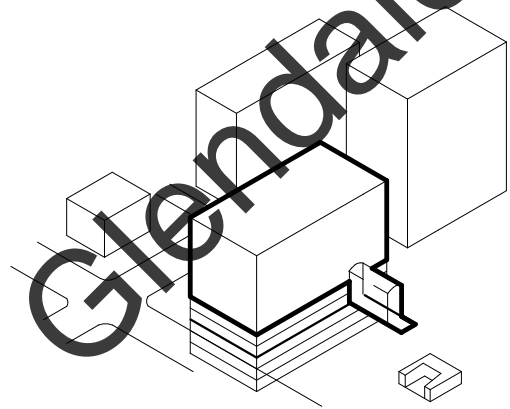
CONTROLLED MAIN LOBBY



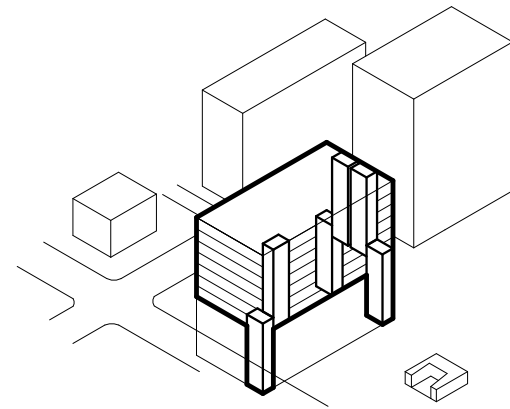
PEDESTRIAN ACCESS TO THE BUILDING



UNDERGROUND PARKING

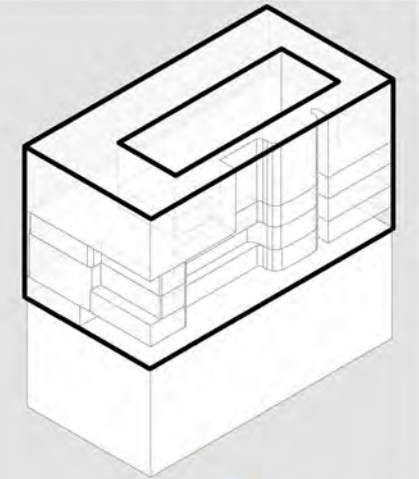


UNDERGROUND PARKING CONNECTION TO METRO STATION

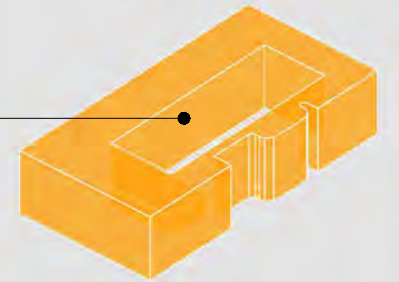


EMERGENCY EXISTS

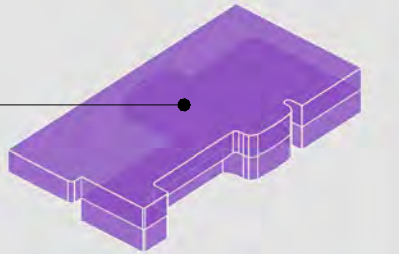
PROGRAM



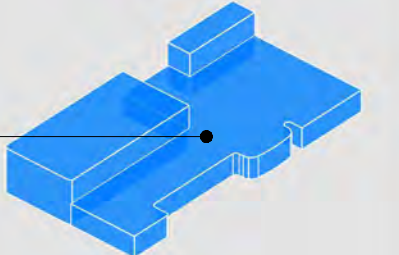
LIVING UNITS



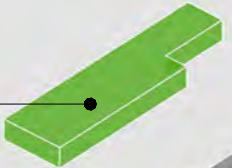
CHILDCARE CENTER



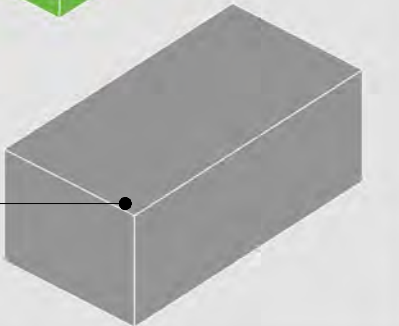
COMMUNITY CENTER



RETAIL SPACE



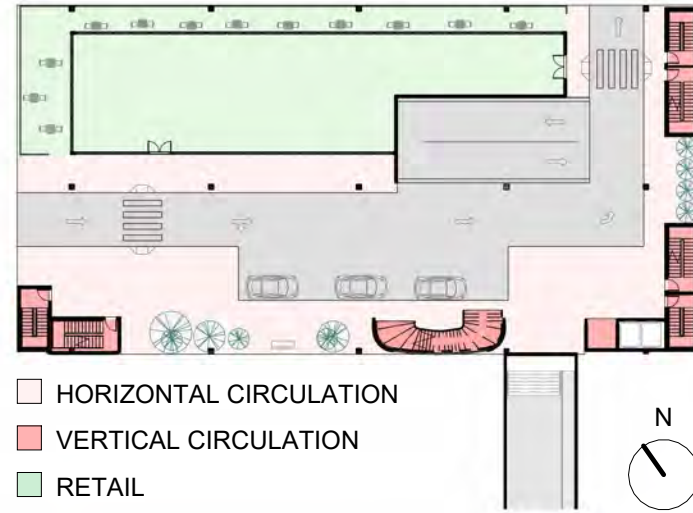
UNDERGROUND PARKING



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ACCESS TO COMMUNITY CENTER

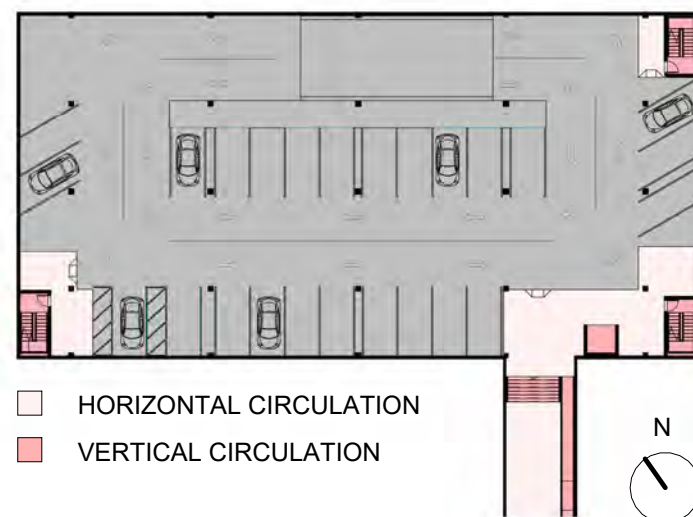
GROUND LEVEL FLOOR PLAN



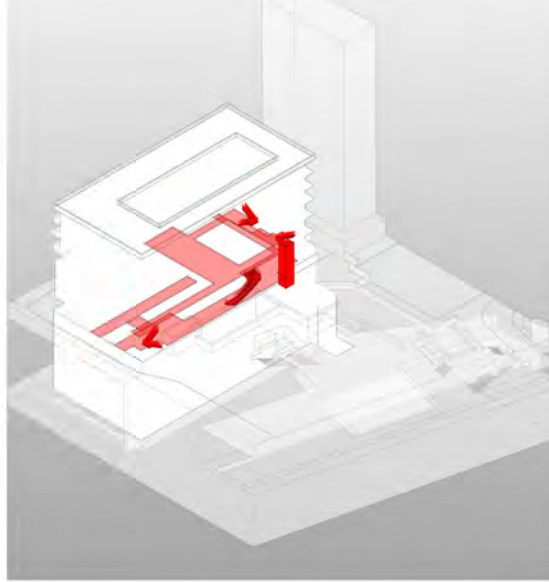
COMMUNITY CENTER LEVEL 2 FLOOR PLAN



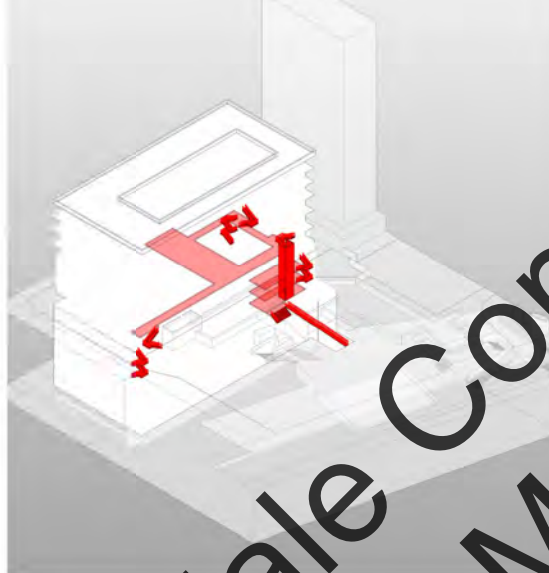
UNDERGROUND PARKING LEVELS P1-P7 FLOOR PLAN



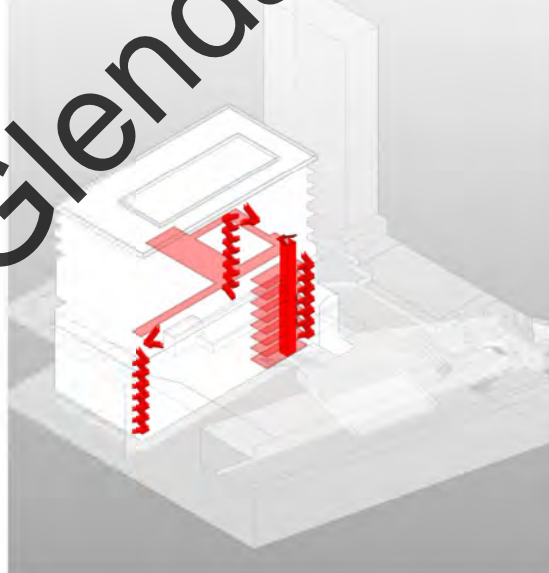
GROUND LEVEL TO COMMUNITY CENTER



METRO LEVEL TO COMMUNITY CENTER

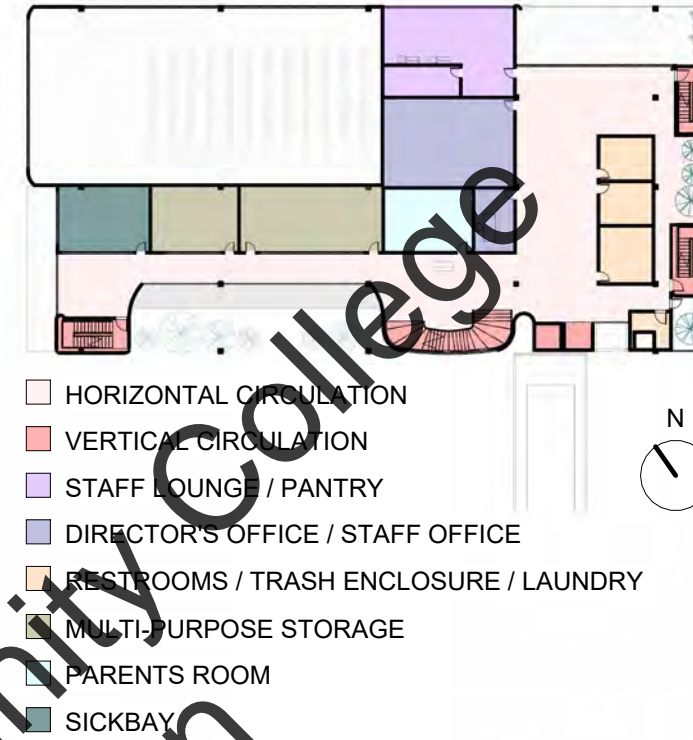


PARKING LEVEL TO COMMUNITY CENTER

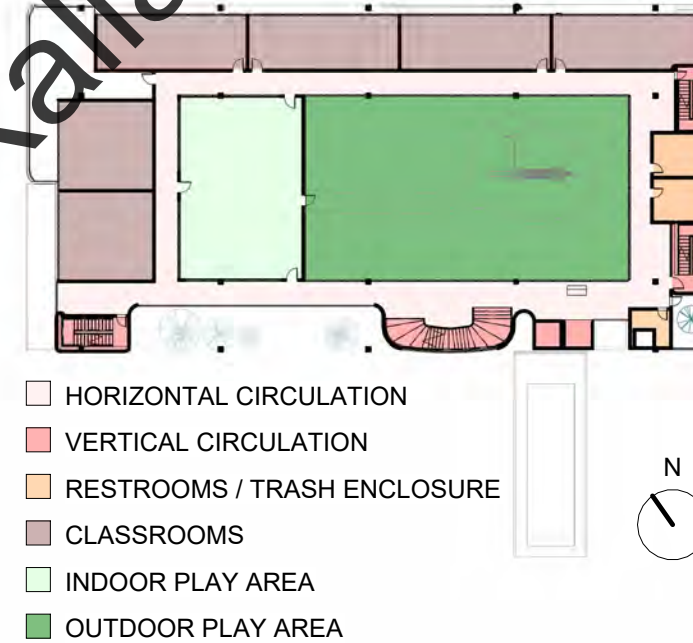


ACCESS TO CHILDCARE CENTER

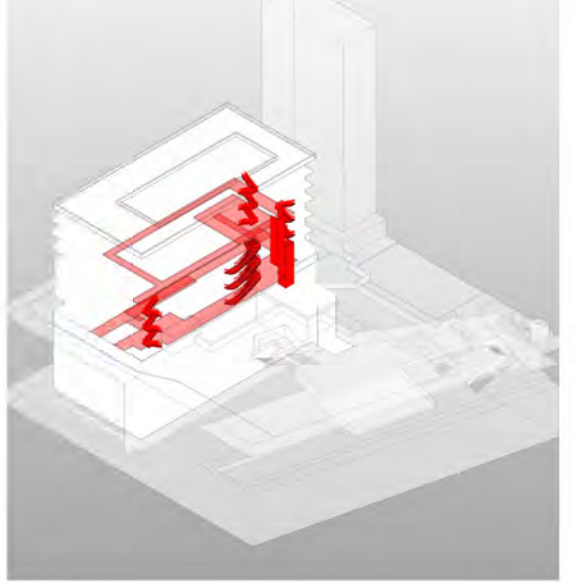
CHILDCARE CENTER LEVEL 3 FLOOR PLAN



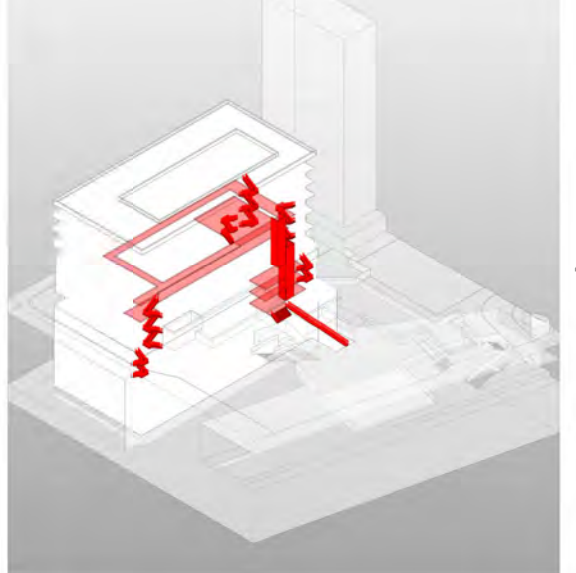
CHILDCARE CENTER LEVEL 4 FLOOR PLAN



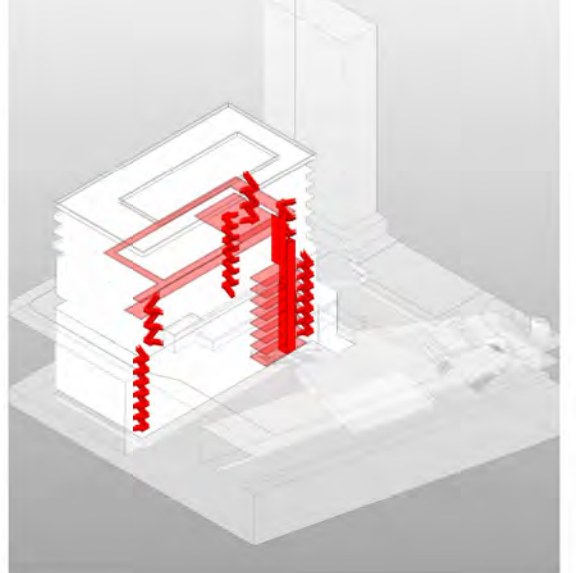
GROUND LEVEL TO CHILDCARE CENTER



METRO LEVEL TO CHILDCARE CENTER



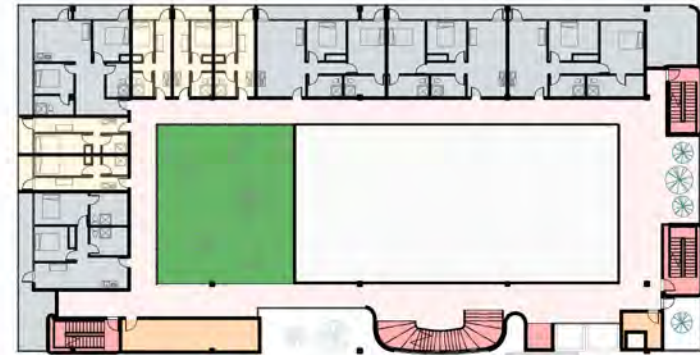
PARKING LEVEL TO CHILDCARE CENTER



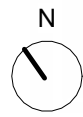
Glendale Community College
Meri Kalan

ACCESS TO LIVING UNITS

LIVING UNITS LEVEL 5 FLOOR PLAN



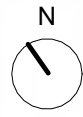
- HORIZONTAL CIRCULATION
- VERTICAL CIRCULATION
- LAUNDRY / TRASH ENCLOSURE
- 1 BEDROOM MICRO UNITS
- 2 BEDROOM MICRO UNITS
- OUTDOOR AREA



LIVING UNITS LEVEL 6 FLOOR PLAN



- HORIZONTAL CIRCULATION
- VERTICAL CIRCULATION
- LAUNDRY / TRASH ENCLOSURE
- 1 BEDROOM MICRO UNITS
- 2 BEDROOM MICRO UNITS



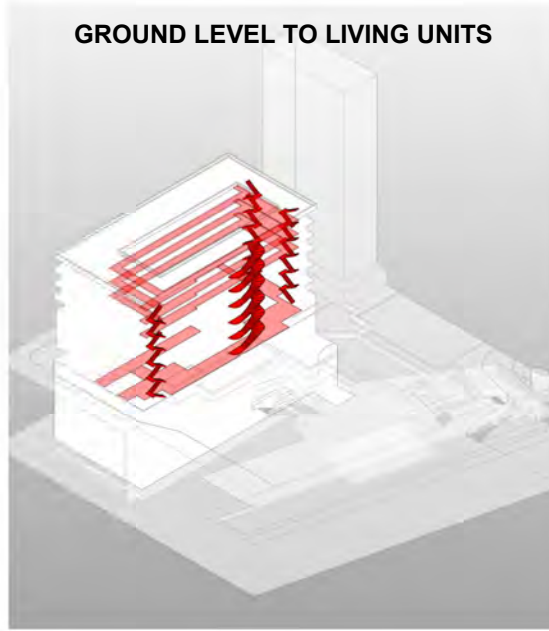
LIVING UNITS LEVEL 7 FLOOR PLAN



- HORIZONTAL CIRCULATION
- VERTICAL CIRCULATION
- LAUNDRY / TRASH ENCLOSURE
- 2 BEDROOM UNITS



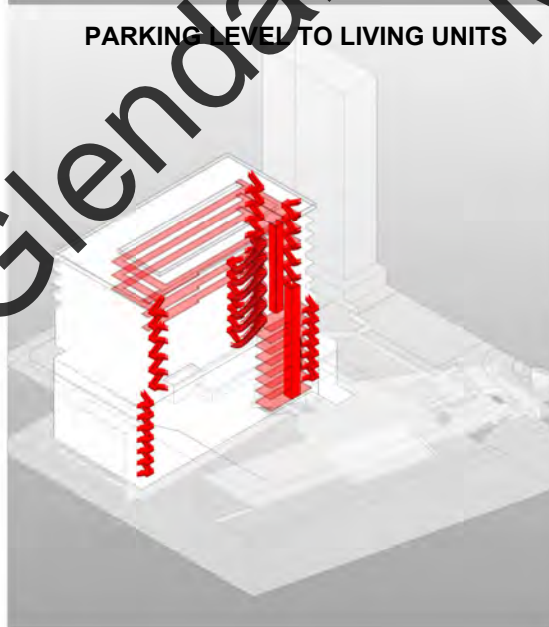
GROUND LEVEL TO LIVING UNITS



METRO LEVEL TO LIVING UNITS



PARKING LEVEL TO LIVING UNITS



EXPLODED VIEW

LEVEL 7

LEVEL 6

LEVEL 5

LEVEL 4

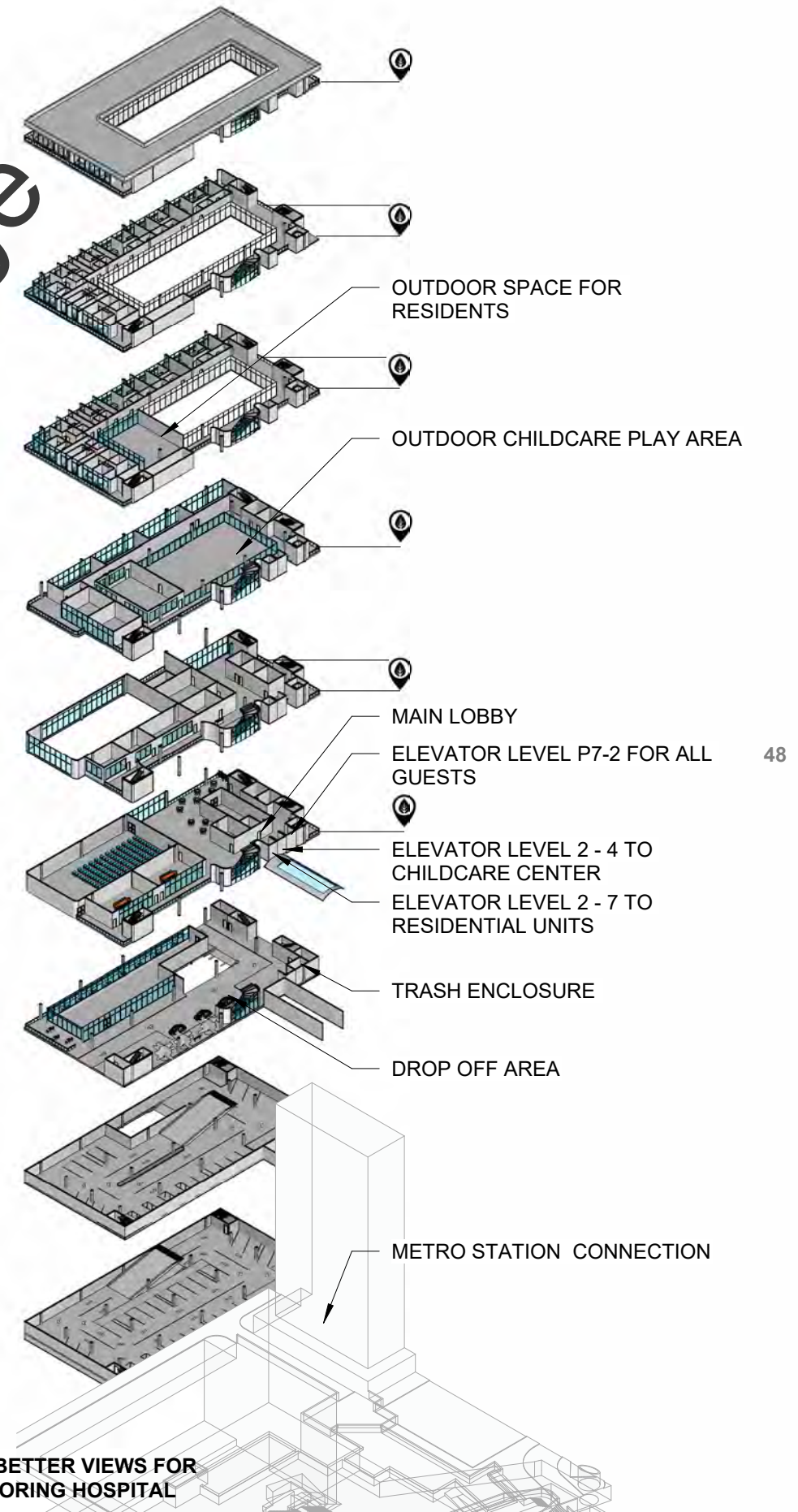
LEVEL 3

LEVEL 2

LEVEL 1

P1

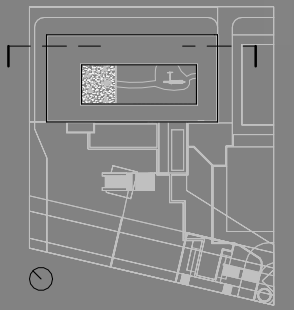
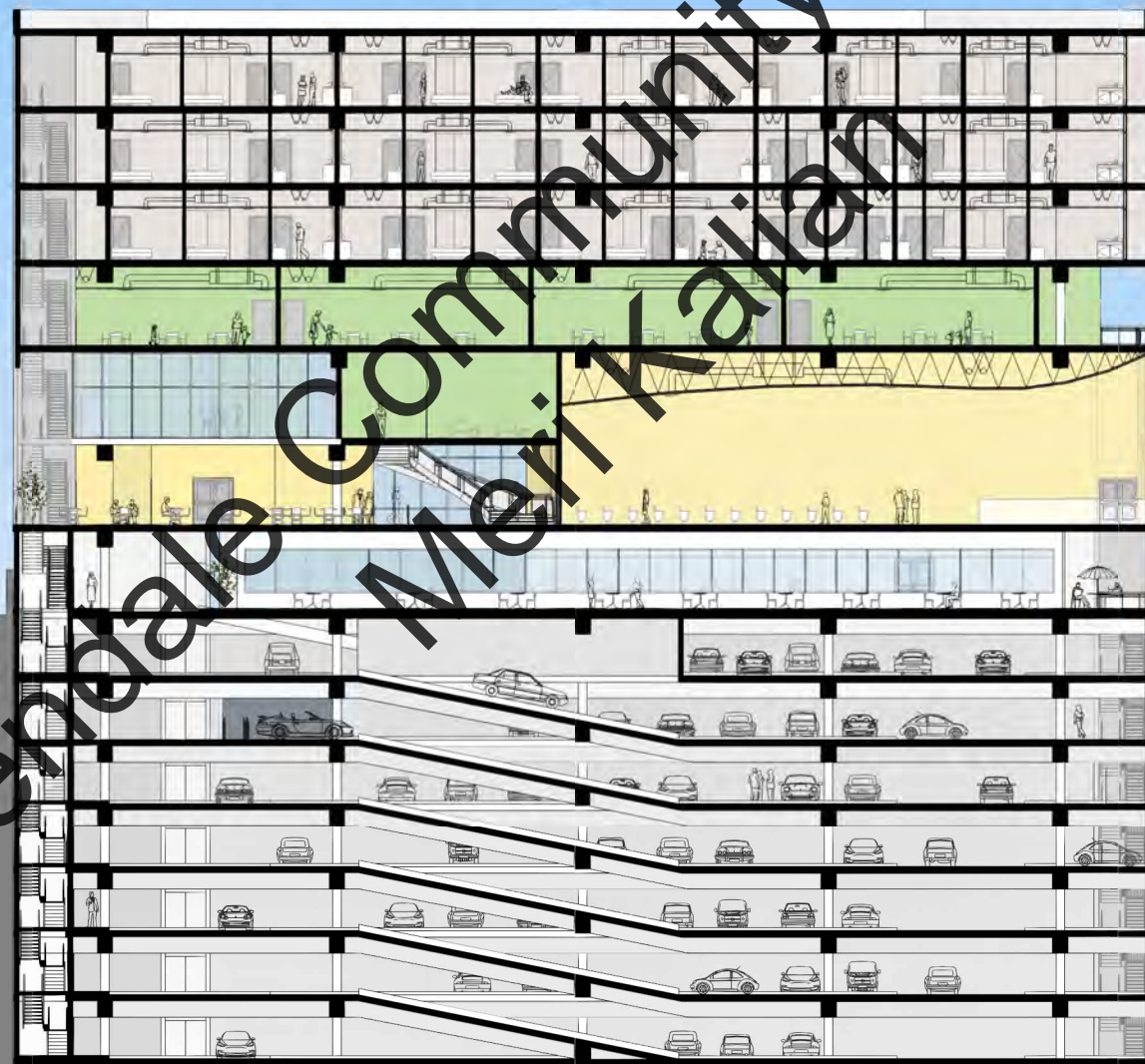
P2- P7



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Meri Kallian

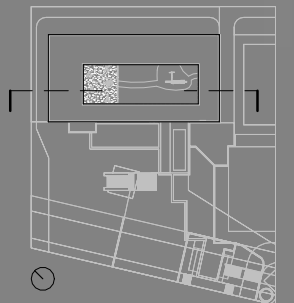
GREEN SPACES TO PROVIDE BETTER VIEWS FOR THE PATIENTS IN THE NEIGHBORING HOSPITAL

Glendale Merik Kalian Community College



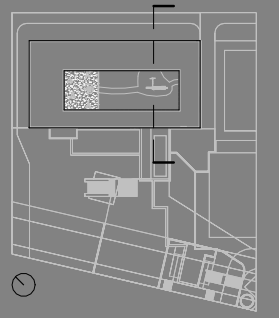
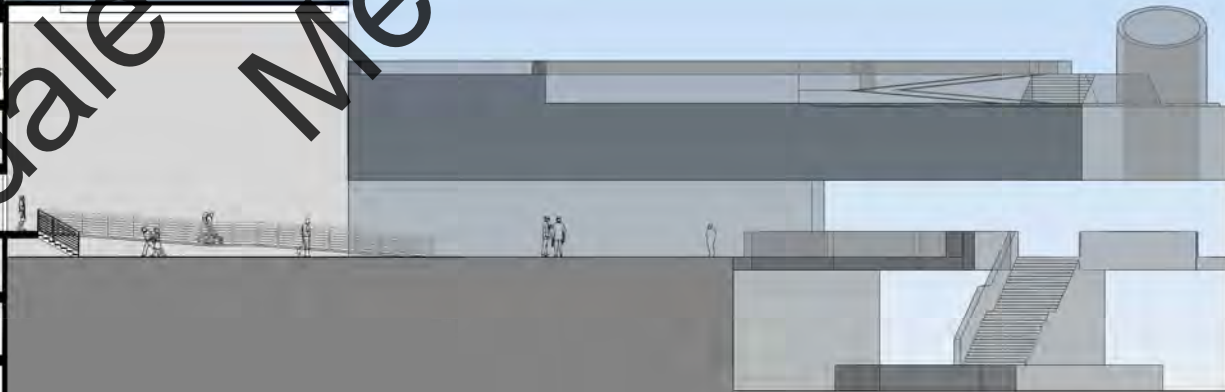
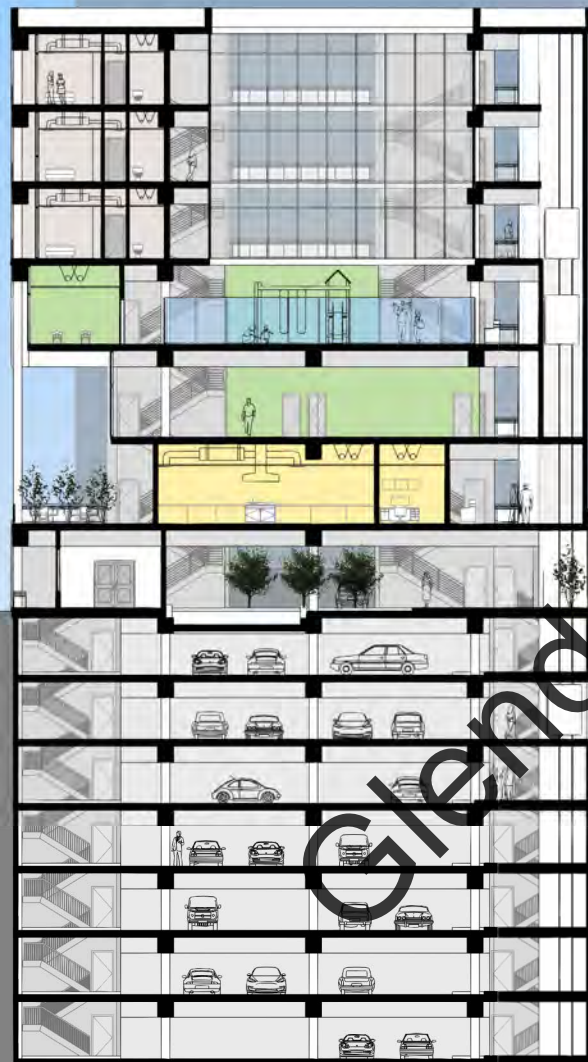
- LIVING UNITS
- CHILDCARE CENTER
- COMMUNITY CENTER

Glendale Community College Meri Kalan



- LIVING UNITS
- CHILDCARE CENTER
- COMMUNITY CENTER

Glendale Community College
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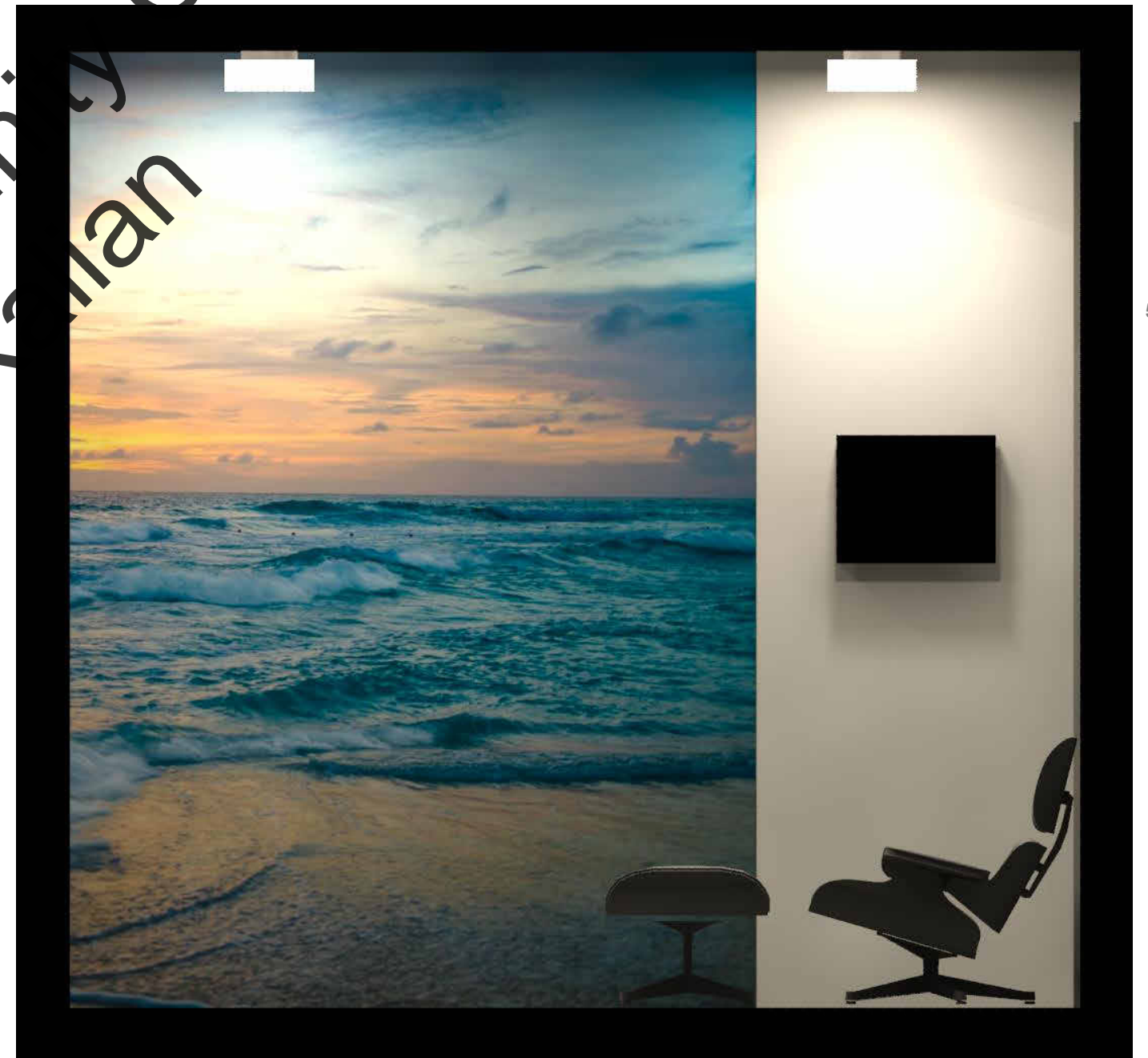


- LIVING UNITS
- CHILDCARE CENTER
- COMMUNITY CENTER

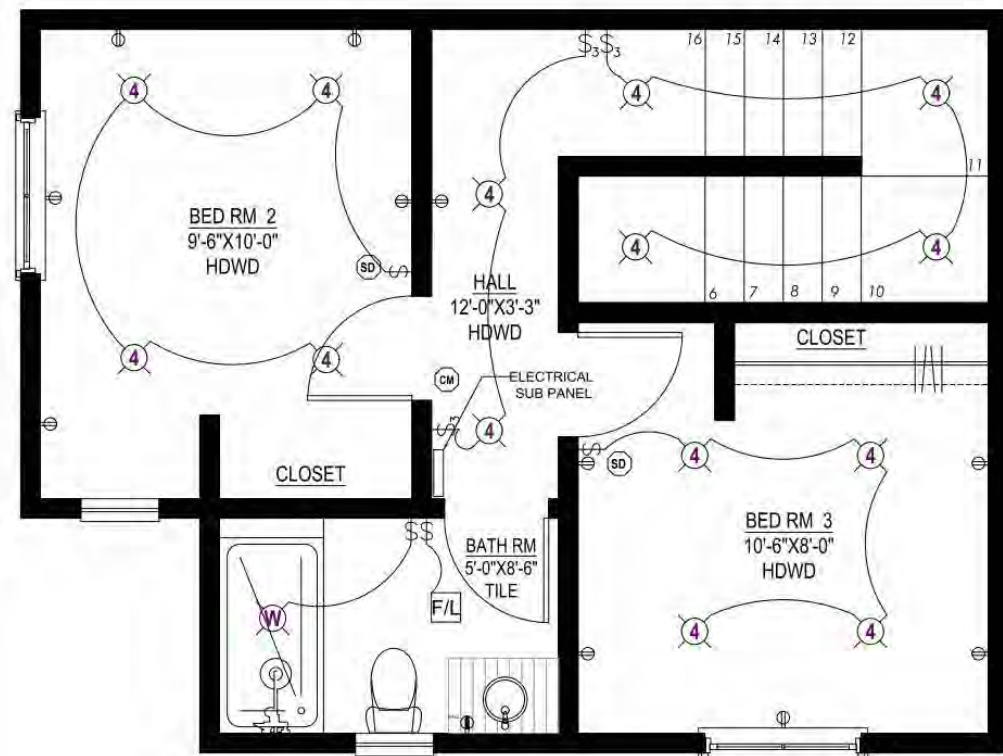
ARPA DESIGN&BUILD INTERNSHIP - MEDITATION ROOM



THE MEDITATION ROOM IS A MODULAR UNIT. IT CAN BE PLACED IN OFFICES TO PROVIDE A SPACE FOR EMPLOYEES TO MEDITATE AND RELAX. THE USER CAN EXPERIENCE DIFFERENT ENVIRONMENTS THROUGH THE PROJECTED VIDEO ON THE WALLS. I WAS ASSIGNED TO CREATE RENDERINGS TO SHOWCASE THE EXPERIENCE.

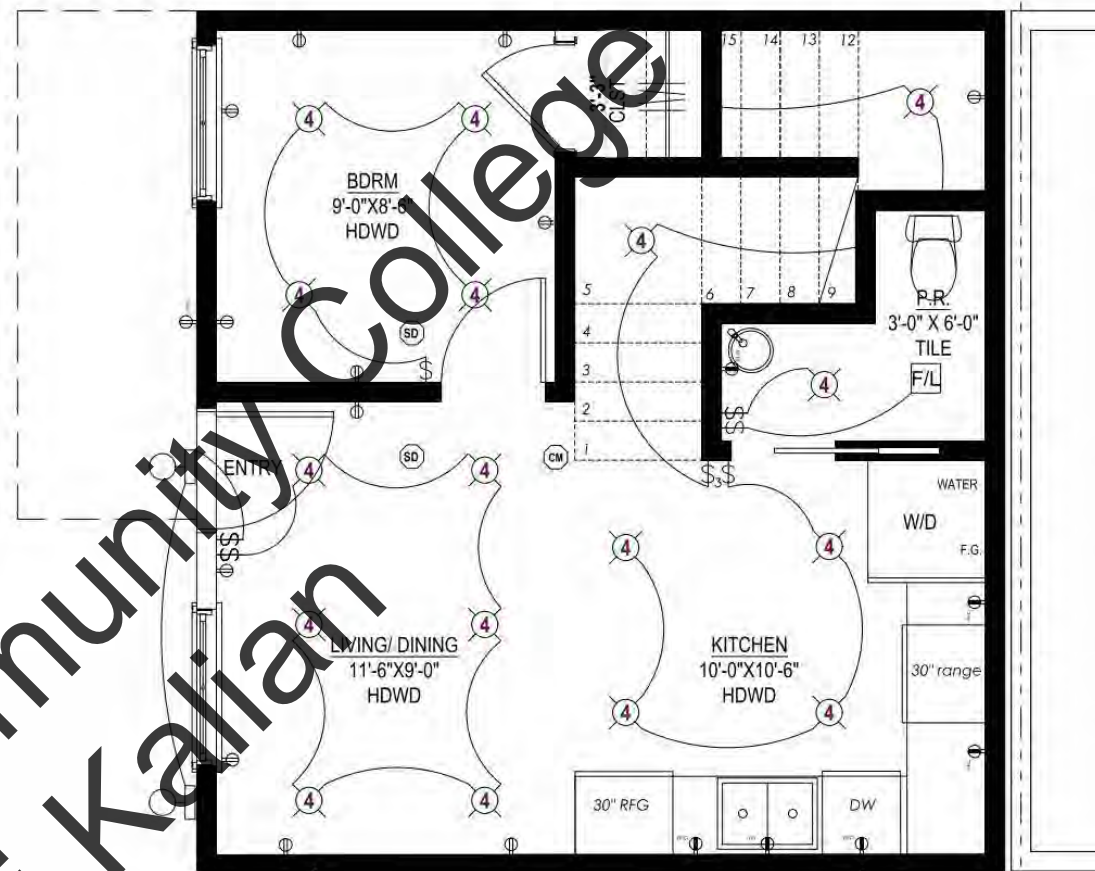


ARPA DESIGN&BUILD INTERNSHIP - RESIDENTIAL ELECTRICAL PLANS



SECOND FLOOR PLAN
SCALE: 1'-0" = 1/2" 540 SQ.FT.

FRANKE ADU RESIDENCE
940 E FRANKE
CARSON, CA



FIRST FLOOR PLAN
SCALE: 1'-0" = 1/2" 452.8 SQ.FT.

FRANKE ADU RESIDENCE
940 E FRANKE
CARSON, CA



LEGEND:

- ⊙ SMOKE DETECTORS
- ⊙ CARBON MONOXIDE ALARM
- F/L EXHAUST FAN / LIGHT
- ⊙ 4" CEILING LIGHT
- ⊙ WATER-TIGHT LIGHT FIXTURE
- ⊙ 2-WAY SWITCH
- ⊙ 3-WAY SWITCH
- ⊙ DUPLEX RECEPTACLE OUTLET
- ⊙ GROUND-FAULT CIRCUIT INTERRUPTER RECEPTACLE OUTLET
- ⊙ GARBAGE DISPOSAL OUTLET



arpa
design + build
1146 N. CENTRAL AVE., #500
GLENDALE, CA 91202
918.937.3510

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CENTRAL ENGINEERING GROUP, INC.
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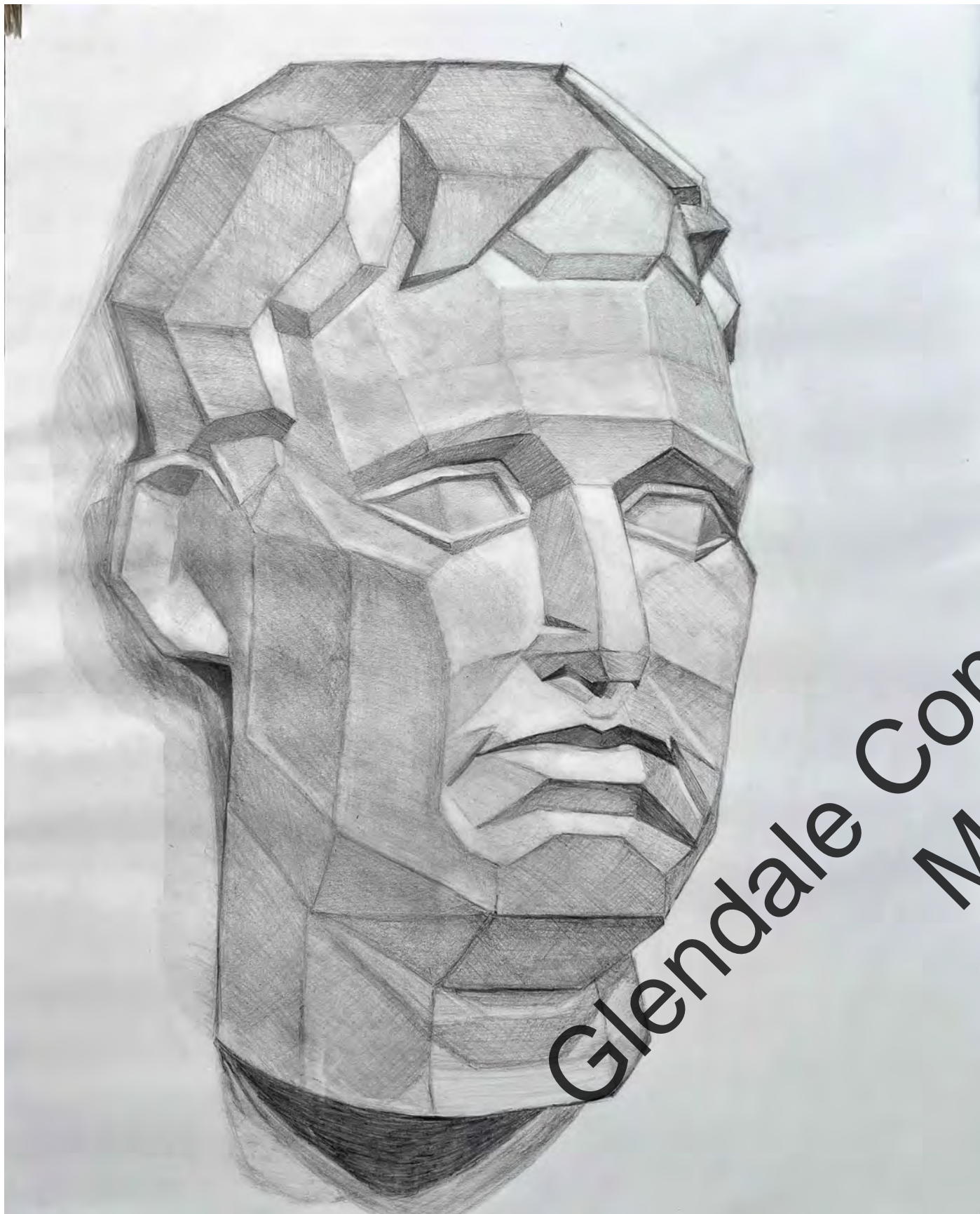
FRANKE ADU RESIDENCE
940 E FRANKE ST.
CARSON, CA 90746

REVISION NUMBER	DATE

PROJECT NO.: _____
APPROVED: _____
DRAWN BY: _____
SCALE: _____
DATE: 03/05/2021
SHEET TITLE: _____

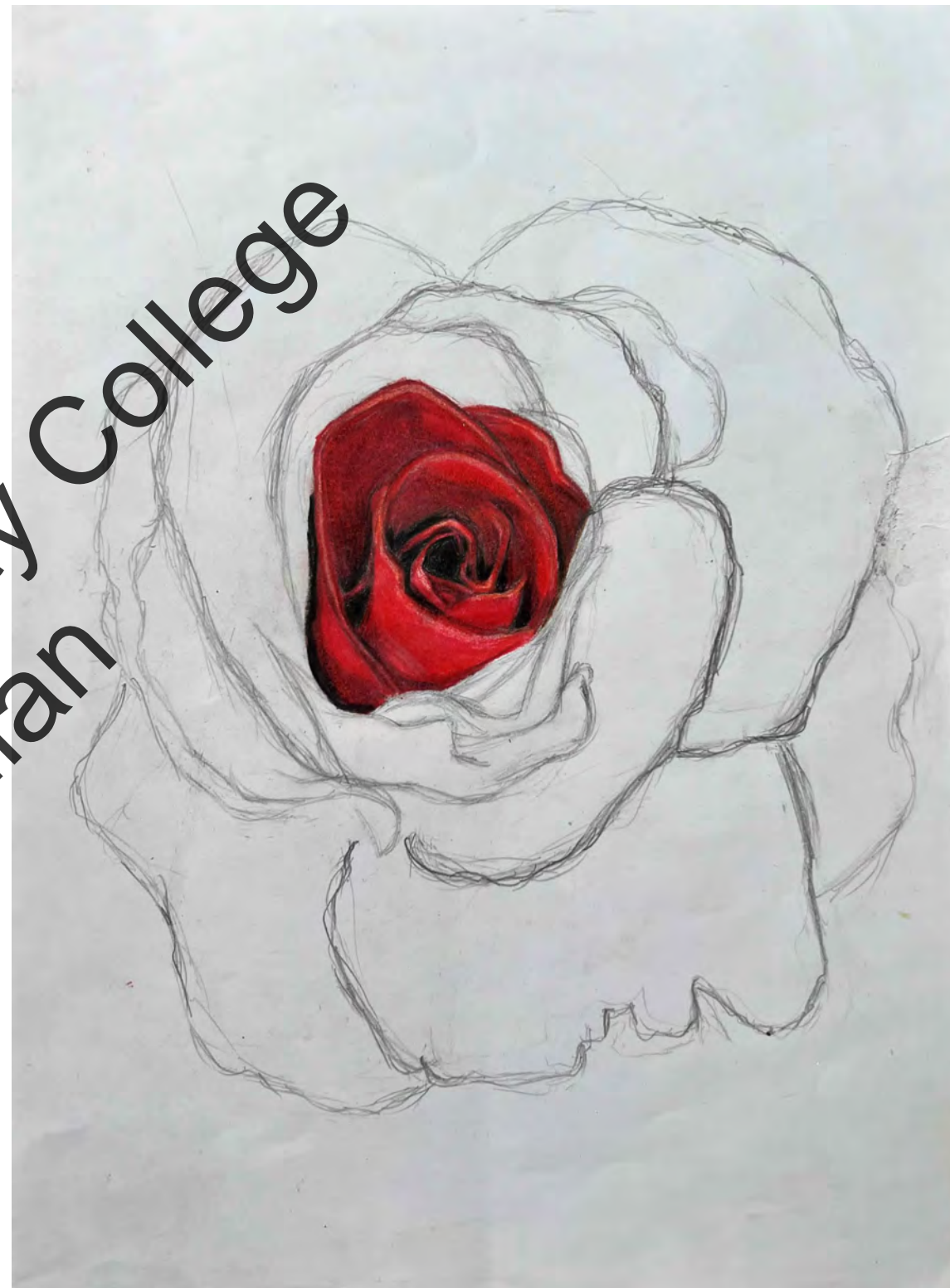
PROPOSED ELECTRICAL PLAN

A3.3



61

OBSERVATIONAL DRAWING
SCHOOL: ATANIAN ART CENTER
MEDIA: GRAPHITE
DIMENSIONS: 16INX20IN
COMPLETED: MARCH 2020



62

PERSONAL DRAWING
MEDIA: COLOR PENCILS AND GRAPHITE
DIMENSIONS: 8INX11IN
COMPLETED: NOVEMBER 2020

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Meri Kallian



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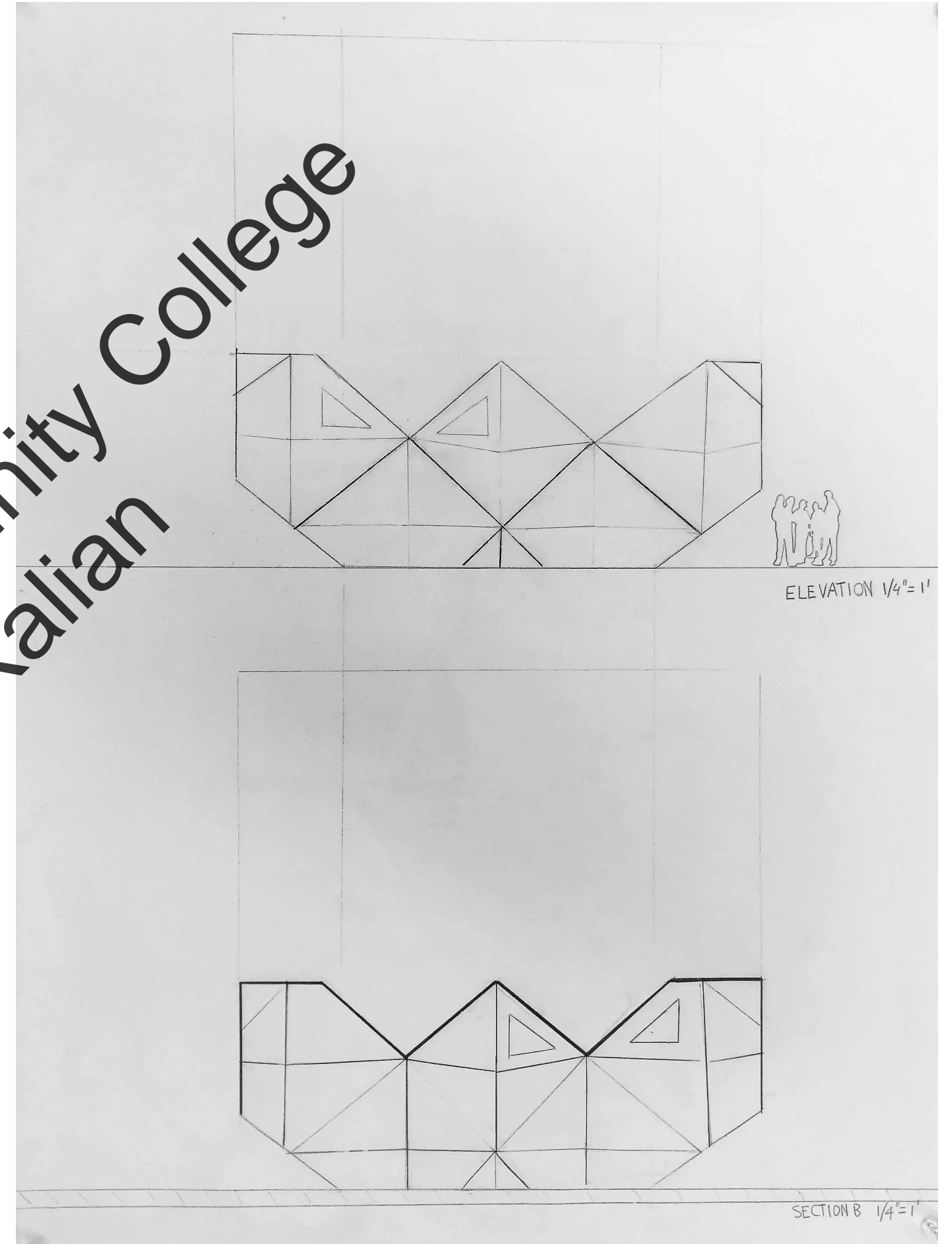
PERSPECTIVE DRAWING PRACTICE
SCHOOL: ATANIAN ART CENTER
MEDIA: GRAPHITE
DIMENSIONS: 11INX17IN
COMPLETED: MAY 2020



64

STUDY OF HUMAN BODY
PERSONAL DRAWING
DIMENSIONS: 5.5INX8.5IN
COMPLETED: JUNE 2021

MY FIRST EXPERIENCE OF ARCHITECTURE STUDIO CLASS. I WAS INTRODUCED TO BASIC PLAN DRAWING BY HAND AND MODEL MAKING. WE WERE ASSIGNED TO DESIGN A PAVILION IN FRONT OF UCLA'S BROAD ART CENTER, BEHIND RICHARD SERRA'S SCULPTURE.



Glendale Community College
Meri Kallian

THANK YOU!

Glendale Community College
Meri Kallian

