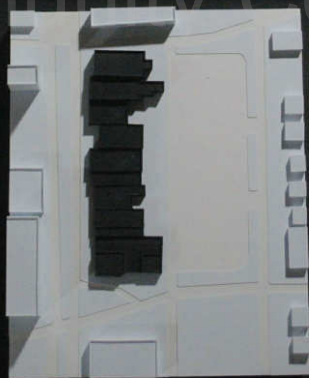


**HONG AU
PORTFOLIO
2010-2011**

Hong Au
Community College



CONTENT

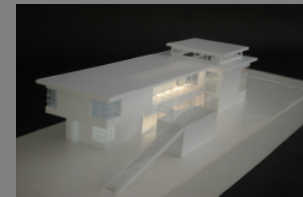
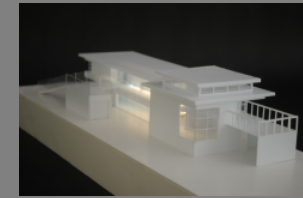
TWO STORY RESIDENTIAL PROJECT 2

TWO STORY COMMERCIAL RETAIL PLAZA PROJECT 8

RESIDENTIAL CASE STUDY 14

AMERICAN SOCIETY OF ENGINEERS AND ARCHITECTS 2010 GROUP PROJECT 17





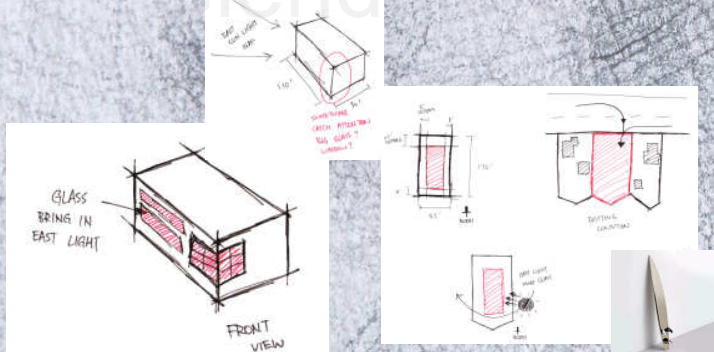
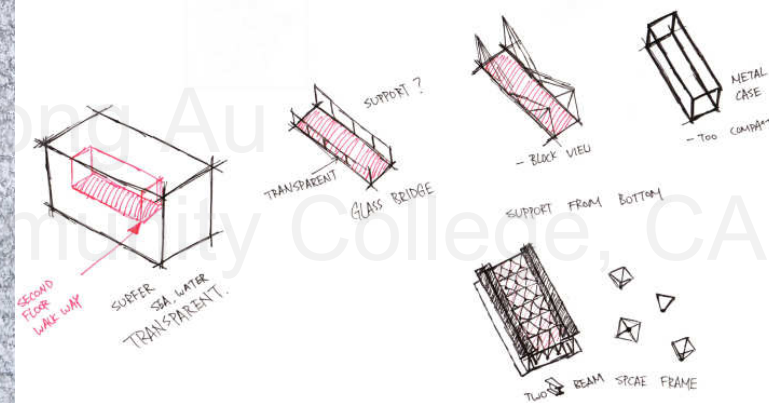
CONCEPT: SURFER WALKS ON WATER



BUILDING FORM CONCEPT

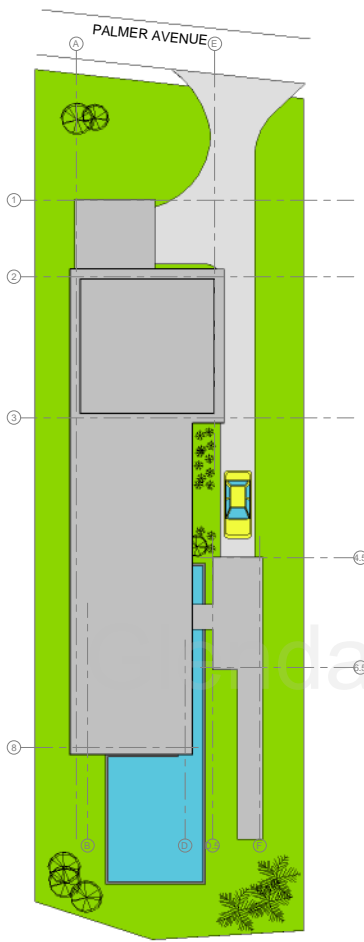


GLASS BRIDGE-SURFER WALKS ON WATER

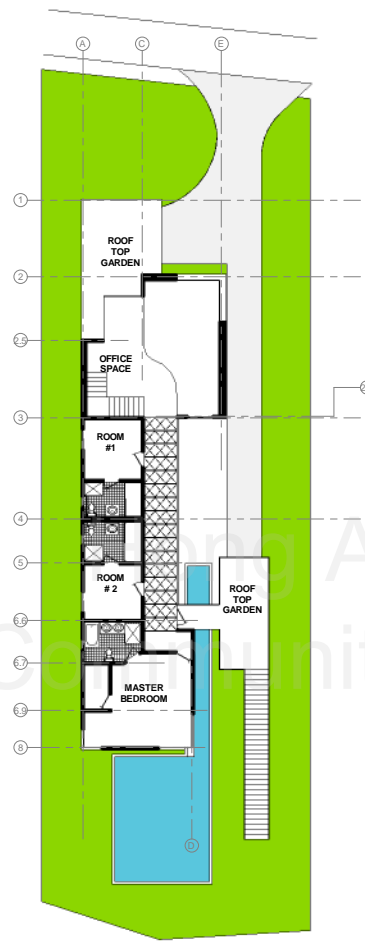


PROJECT DESCRIPTION:

THIS SITE IS LOCATED IN THE CITY OF GLENDALE PLAN AREA. IN THIS PROJECT, MY DESIGN HAS TO COMPLY WITH THE CITY OF GLENDALE PLANNING AND ZONING CODE REGULATION. THE IDEA OF THE HOUSE IS TO CREATE AN ILLUSION THAT WHEN THE PEOPLE IN THE HOUSE TRAVEL THROUGH THE GLASS BRIDGE THEY CAN EXPERIENCE THE FEELING OF A SURFING SURFING AT THE PEAK OF THE WAVE. THIS PROJECT IS TO DESIGN A HOUSE FOR A SURFER. THE LOT IS LOCATED AT 706 EAST PALMER AVE, GLENDALE, CA, UNITED STATES. THE AREA OF THE DESIGN LOT IS 9,082 SQ FT. (170' x 55'). AFTER SUBTRACTING THE 8' SETBACK ON THE SIDES AND REAR, AND 25' SETBACK AT THE FRONT, THE AREA OF THE LOT REDUCED TO 5,143 SQ FT. (137' x 39'). IN ADDITION, 30% OF THE LOT AREA HAS TO BE PERMANENT LANDSCAPE OPEN SPACE. AS A RESULT, THE ACTUAL AREA OF THE LAND THAT I CAN DESIGN IS 3,486 SQ FT.



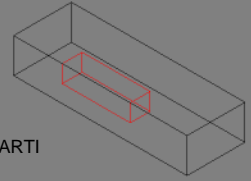
SITE PLAN



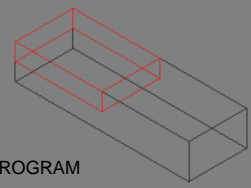
SECOND FLOOR PLAN



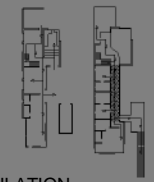
GROUND FLOOR PLAN



PARTI



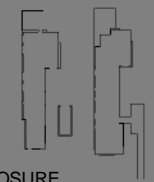
PROGRAM



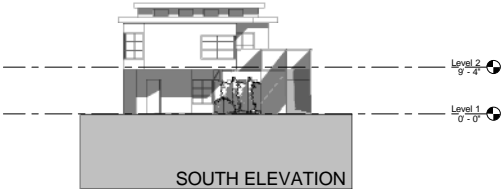
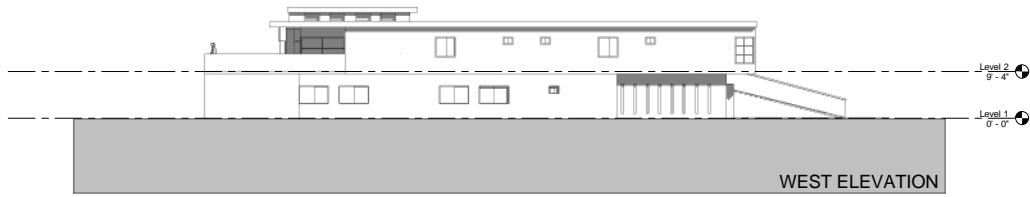
CIRCULATION



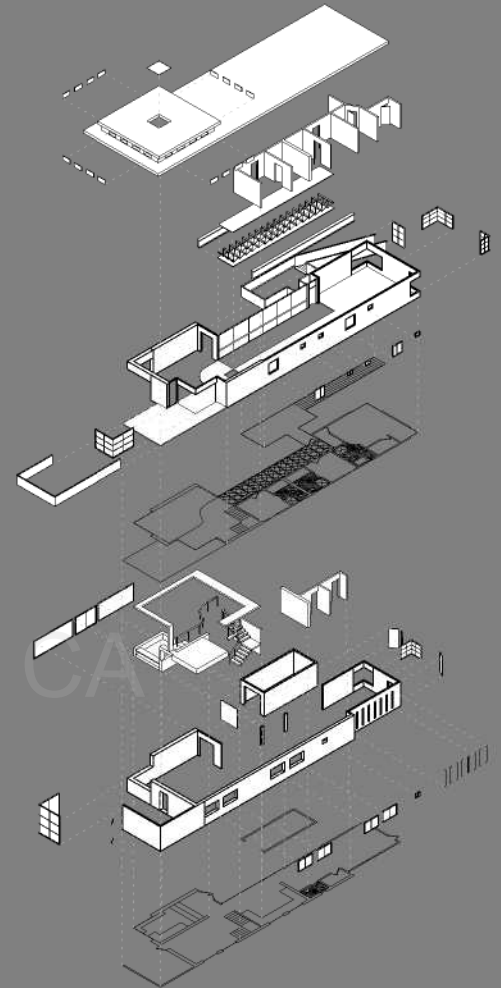
STRUCTURE

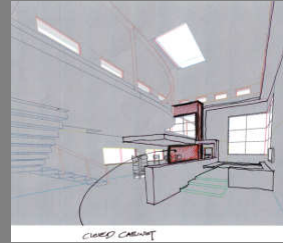
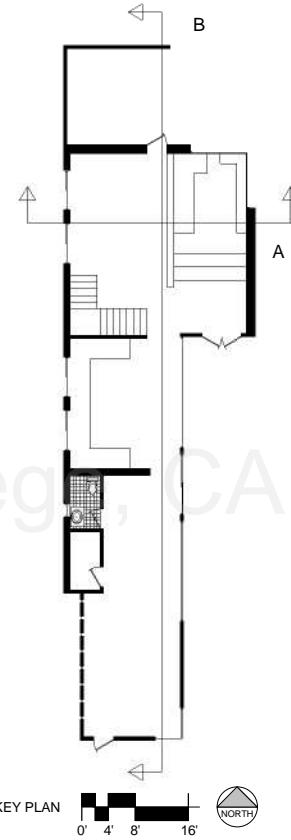
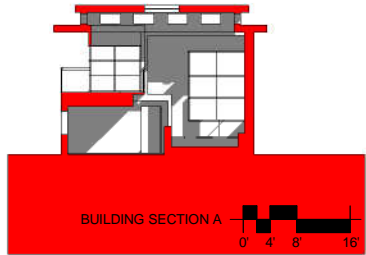
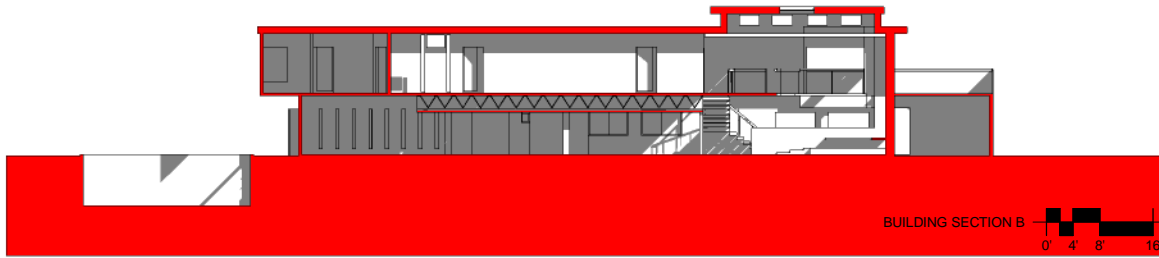


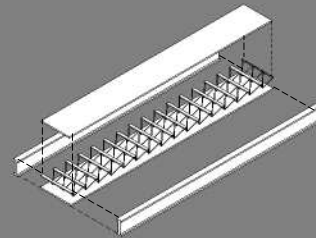
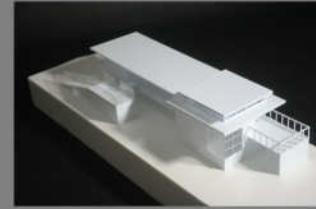
ENCLOSURE



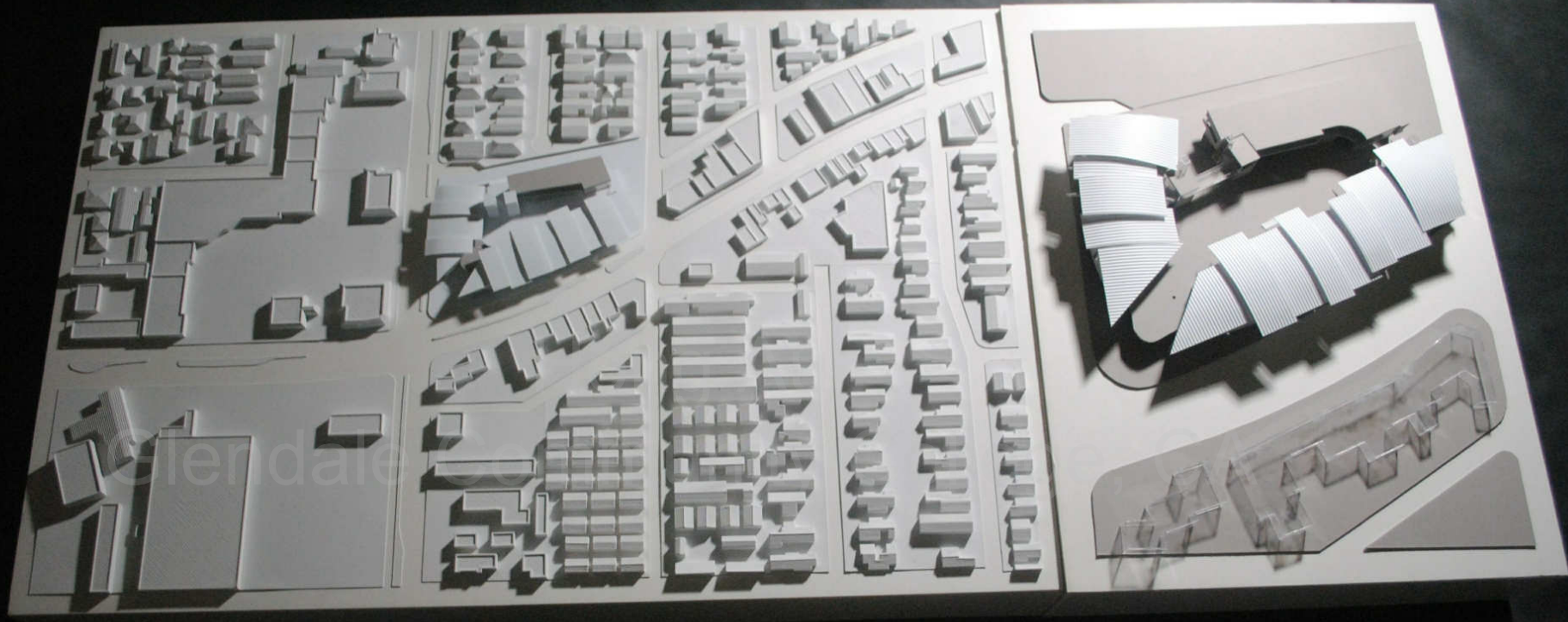
ELEVATION KEY PLAN 







Hong Au
Glendale Community College, CA



EXISTING CONDITION OF TEMPLE CITY SITE



EXISTING FIGURE GROUND DIAGRAM 0' 150' 300' 600' NPT



EXISTING NEIGHBORHOOD RELATIONSHIP DIAGRAM 0' 150' 300' 600' NPT

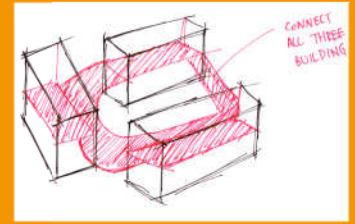
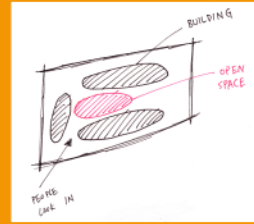
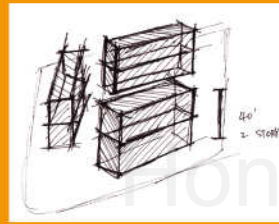
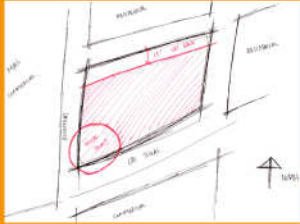


EXISTING OPEN SPACE DIAGRAM 0' 150' 300' 600' NPT



EXISTING PEDESTRIAN DIAGRAM 0' 150' 300' 600' NPT

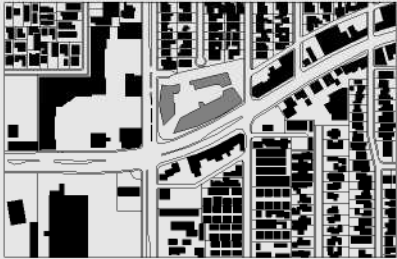
CONCEPTUAL SKETCHES



PROJECT DESCRIPTION

IN THIS PROJECT, I WAS ASSIGNED TO DESIGN AND PROPOSE A BRAND NEW COMMERCIAL DEVELOPMENT AT 9021 LAS TUNAS DRIVE, TEMPLE CITY, CA 91780. THE AREA OF THE SITE IS 158,189 SQ. FT. OR 3.63 ACRE OF LAND. IN THIS PROJECT, I WAS REQUIRED TO INCORPORATE DIFFERENT PROGRAMS IN THIS NEW COMMERCIAL DEVELOPMENT. I HAVE TO INCORPORATE 3 MAJOR RESTAURANTS AT 5,000 SQ. FT. EACH, 10 FAST FOOD STORE AT 1,000 SQ. FT. EACH, OFFICE SPACE WITH MULTIPLE TENANTS AT 18,000 SQ. FT TOTAL, AND 2 MAJOR RETAIL STORES AT 15,000 EACH.

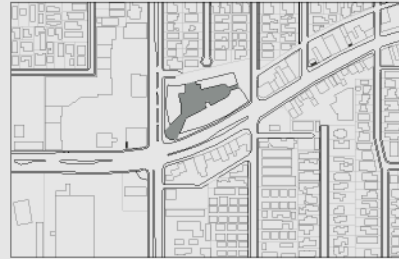
PROPOSED CONDITION OF TEMPLE CITY SITE



PROPOSED FIGURE GROUND DIAGRAM 0' 150' 300' 600' NPT



PROPOSED NEIGHBORHOOD RELATIONSHIP DIAGRAM 0' 150' 300' 600' NPT

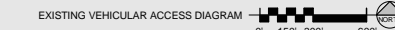
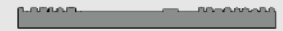
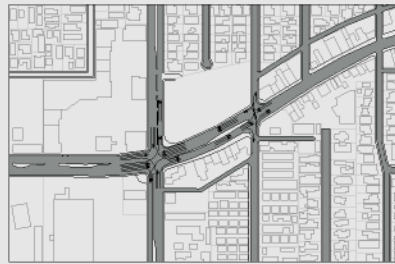
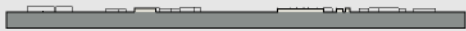


PROPOSED OPEN SPACE DIAGRAM 0' 150' 300' 600' NPT



PROPOSED PEDESTRIAN ACCESS DIAGRAM 0' 150' 300' 600' NPT

EXISTING CONDITION OF TEMPLE CITY SITE



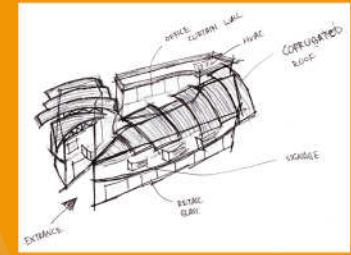
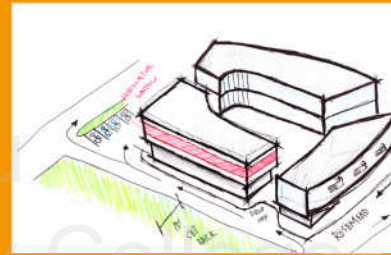
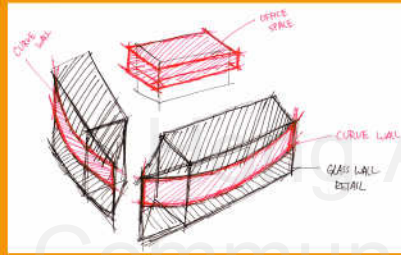
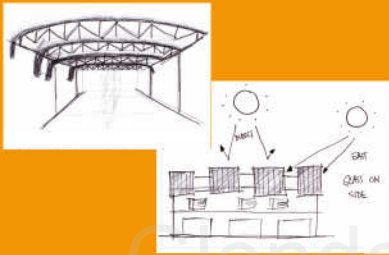
EXISTING SECTION CUT A DIAGRAM 0' 150' 300' 600' NORTH

EXISTING SECTION CUT B DIAGRAM 0' 150' 300' 600' NORTH

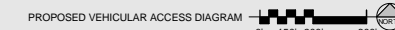
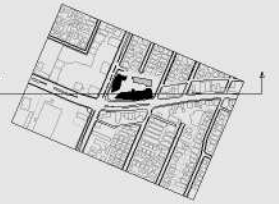
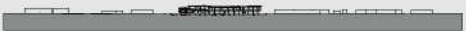
EXISTING VEHICULAR ACCESS DIAGRAM 0' 150' 300' 600' NORTH

EXISTING ADJACENCIES DIAGRAM 0' 150' 300' 600' NORTH

CONCEPTUAL SKETCHES



PROPOSED CONDITION OF TEMPLE CITY SITE



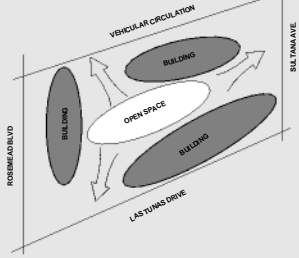
PROPOSED SECTION CUT A DIAGRAM 0' 150' 300' 600' NORTH

PROPOSED SECTION CUT B DIAGRAM 0' 150' 300' 600' NORTH

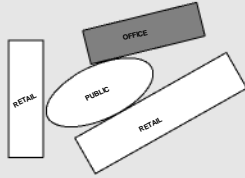
PROPOSED VEHICULAR ACCESS DIAGRAM 0' 150' 300' 600' NORTH

PROPOSED ADJACENCIES DIAGRAM 0' 150' 300' 600' NORTH

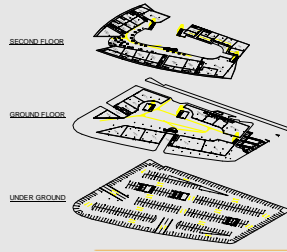
PARTI



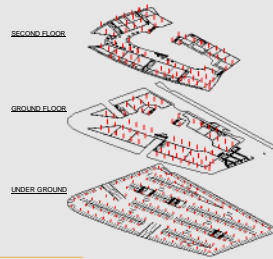
PROGRAM



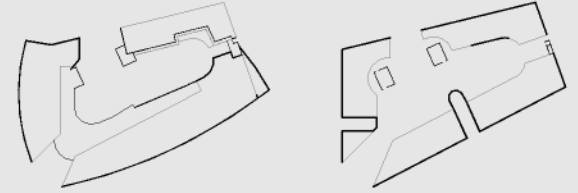
CIRCULATION



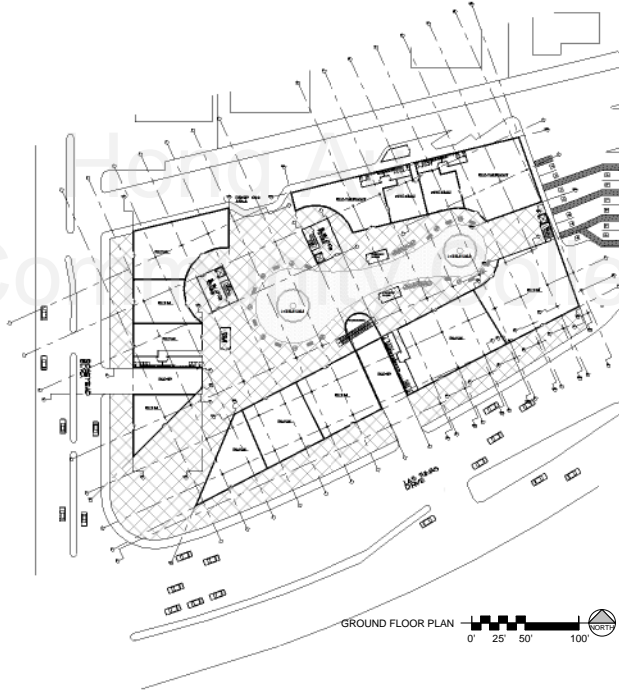
STRUCTURE



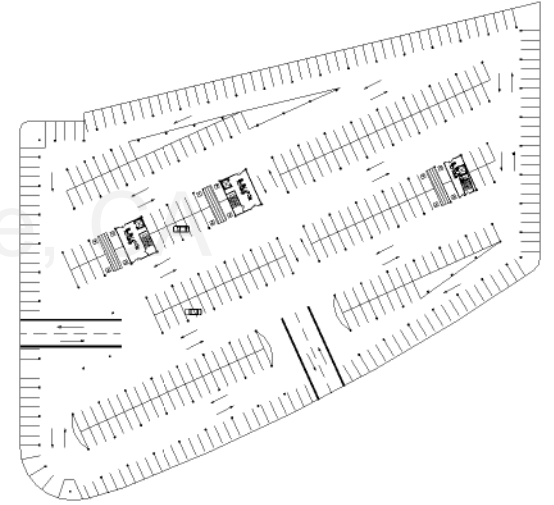
ENCLOSURE



SECOND FLOOR PLAN 0' 25' 50' 100' NORTH



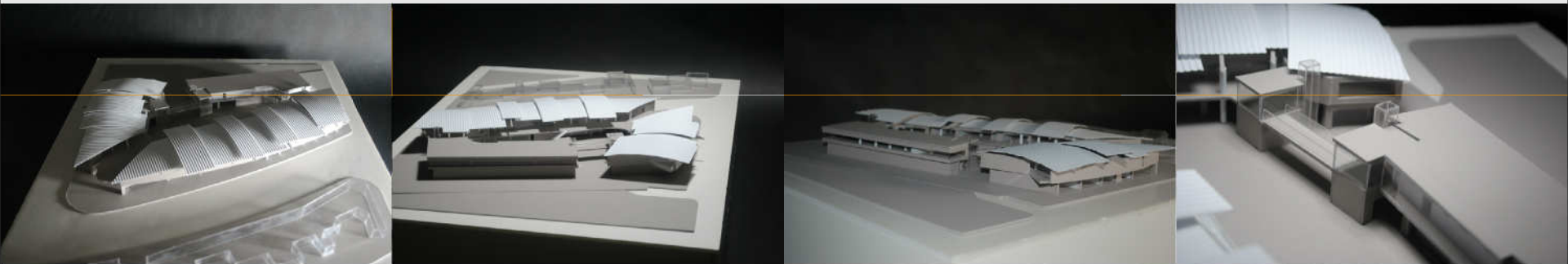
GROUND FLOOR PLAN 0' 25' 50' 100' NORTH



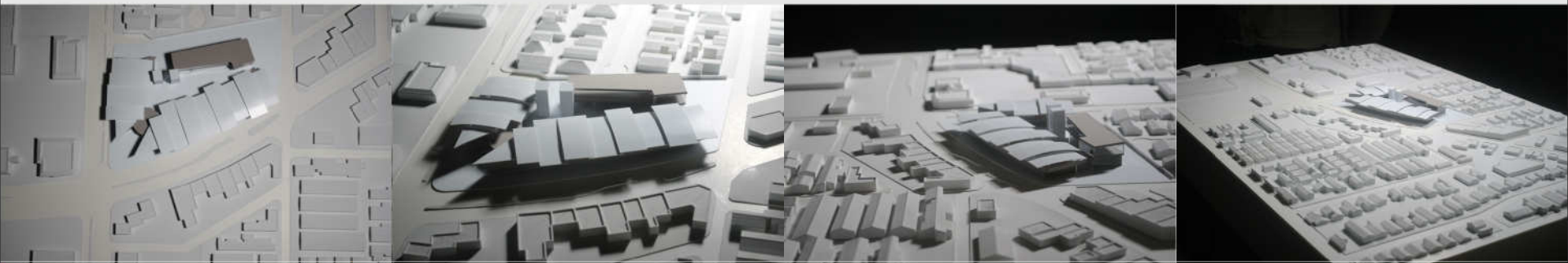
UNDERGROUND PARKING FLOOR PLAN 0' 25' 50' 100' NORTH



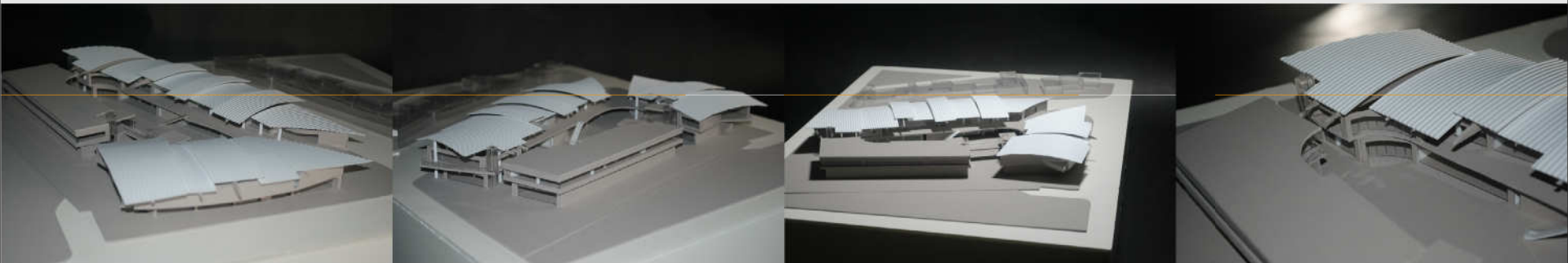
1:32 SCALE DESIGN MODEL

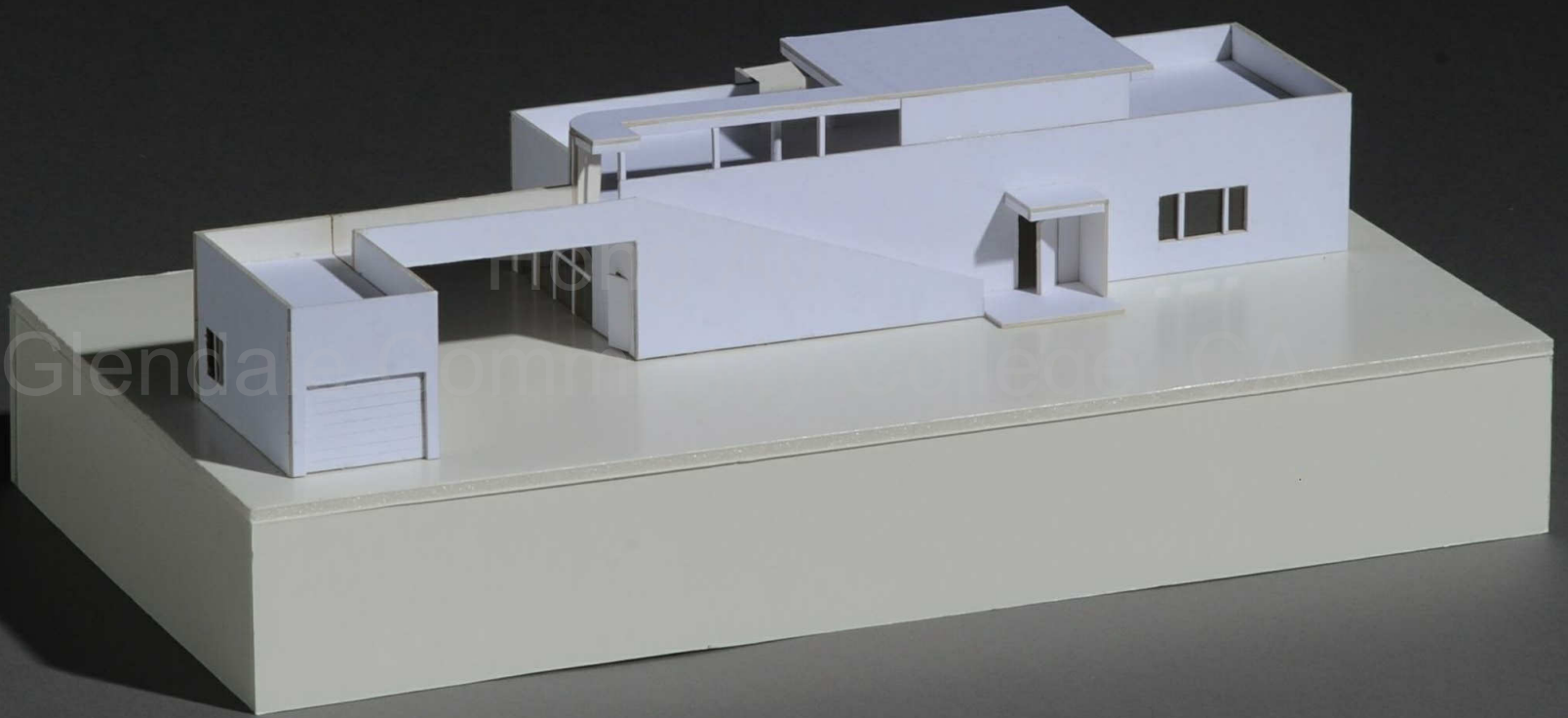


1:64 SCALE DESIGN MODEL WITH 1:64 SCALE SITE MODEL



1:32 SCALE DESIGN MODEL





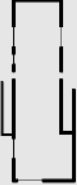
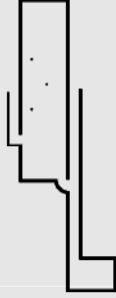
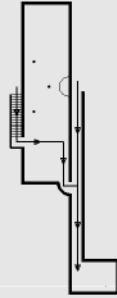
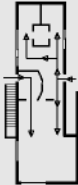
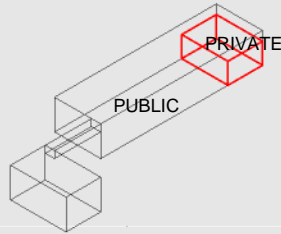
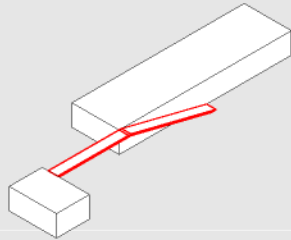
PARTI

PROGRAM

CIRCULATION

STRUCTURE

ENCLOSURE



RESEARCH

LE CORBUSIER
1887-1965

WEEKEND HOUSE PROJECT
RAMBOUILLET, FRANCE
1922

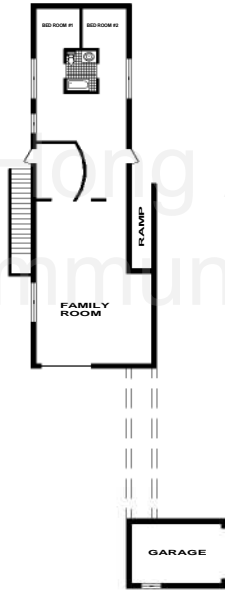
IN THIS PROJECT, I WAS ASSIGNED TO STUDY THE ARCHITECTURE DESIGN OF THIS HOUSE.

LE CORBUSIER CAME UP WITH THE 5 POINTS OF ARCHITECTURE; PILOTIS, ROOF TOP GARDEN, FREE PLAN, HORIZONTAL WINDOW, AND FREE FACADE.

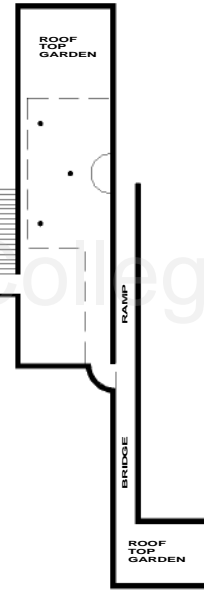
IN THIS WEEKEND HOUSE, LE CORBUSIER INCORPORATED 3 OUT OF THE 5 POINTS OF ARCHITECTURE; PILOTIS, WHICH WAS USED TO SUPPORT THE ROOF ON THE SECOND FLOOR, ROOF TOP GARDEN, WHICH WAS APPLIED ON THE SECOND FLOOR, AND FREE PLAN, WHICH WAS APPLIED ON THE SECOND FLOOR TO USE COLUMNS TO SUPPROT THE ROOF AND CREAT OPEN SPACE.



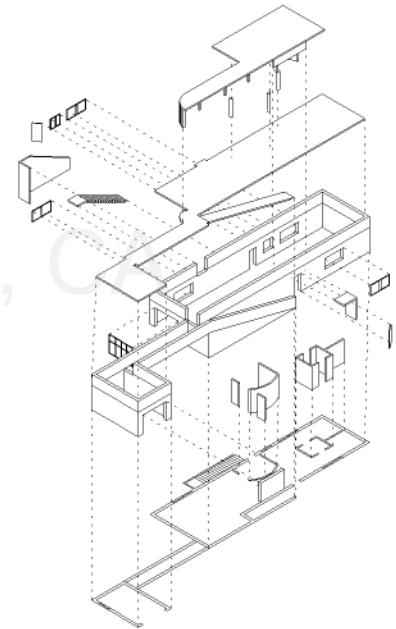
REFERENCE FROM FOUNDATION: LE CORBUSIER



GROUND FLOOR PLAN
0' 4' 8' 16'
NORTH



SECOND FLOOR PLAN
0' 4' 8' 16'
NORTH





BOWL OF FLOWER

THEME : BOWL OF FLOWER

FLOWER


STRUCTURE → OPEN CLOSE

SHAPE → CHASE

SEED → MATERIAL

SEED → SEED OF MATERIAL

WATER → SOLID (GLASS REFLECTION)




Bowl

WHAT KIND OF BOWL → MATERIAL

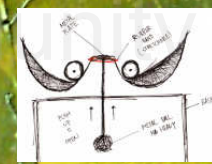
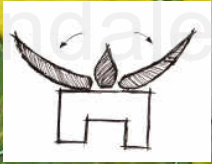
INTEGRATED WITH FLOWER

CONTRAST TO THE FLOWER.

HARD ? SOFT ?



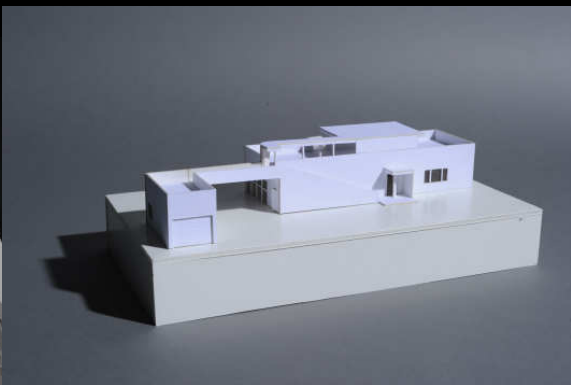
CONCEPTS



On March 28th 2010, ASEA announced a table decoration design competition, which all the entries from various community colleges and high schools would be displayed during the ASEA 47th annual Awards Banquet of 2010. Every year, the Awards Banquet has its own theme for the centerpiece. The theme for 2010 was "A bowl of flower."

After the Spring break, on April 19th, 2010, the first and only flyer for this competition created by Mr. Chiu posted on campus followed by the ASEA Design Meeting on Friday April 23th at 2:30 PM, with 5 students interested in joining the competition, Celine Issagholianhavai, Narek Hambardzumyan, Gordon Au, Vincent Ang, and Argine Vardanyan, all are from Mr. Chiu's Arch 102 and Arch 120 classes.





TECHNICAL KNOWLEDGE

AUTOCAD ARCHITECTURE
AUTODESK REVIT ARCHITECTURE
PHOTO PAINT

THANK YOU

