



Sharis Manoukian
Glendale Community College

SHARIS MANOUKIAN
ARCHITECTURAL PORTFOLIO 2013-2014

1



- VILLA SAVOYE_CASE STUDY
- ARCH 120_RESIDENTIAL ARCHITECTURAL DESIGN
- INSTRUCTOR: PAUL CHIU
- GLENDALE COMMUNITY COLLEGE
- SPRING 2013

2



- HOUSE FOR AN ARTIST
- ARCH 120_RESIDENTIAL ARCHITECTURAL DESIGN
- INSTRUCTOR: PAUL CHIU
- GLENDALE COMMUNITY COLLEGE
- SPRING 2013

3



- I-SHAPE_CASE STUDY
- ARCH 130_COMMERCIAL ARCHITECTURAL DESIGN
- INSTRUCTOR: PAUL CHIU
- GLENDALE COMMUNITY COLLEGE
- FALL 2013

4



- LITTLE TOKYO MIX-USE COMMERCIAL DEVELOPMENT
- ARCH 130_COMMERCIAL ARCHITECTURAL DESIGN
- INSTRUCTOR: PAUL CHIU
- GLENDALE COMMUNITY COLLEGE
- FALL 2013

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VILLA SAVOYE _POISSY, FRANCE WAS BUILT BY LE CORBUSIER IN 20TH CENTURY.
 VILLA SAVOYE IS REPRESENTATIVE OF THE BASES OF MODERN ARCHITECTURE AND AN EXAMPLE OF THE INTERNATIONAL STYLE.



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ARCH 120, RESIDENTIAL ARCHITECTURAL DESIGN
 GLENDALE COMMUNITY COLLEGE
 SPRING 2013
 THE ASSIGNMENT IS TO STUDY
 A FAMOUS DESIGN HOUSE.

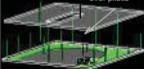
EXPLODED DIAGRAM



THE FIVE POINTS OF NEW ARCHITECTURE

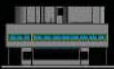
1_PILOTIS

Lift the building
 over pilotis



The ground floor of the house as well as the street belongs to the automobile, therefore housing is raised on pilotis to allow the vehical's movment.

2_ THE HORIZONTAL WINDOW



Providing illumination and ventilation.

3_ THE FREE FACADE



The structure separates from the facade.

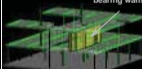
4_ THE ROOF GARDEN



The terrace and garden on the roof bring nature inside the house.

5_ THE FREE PLAN

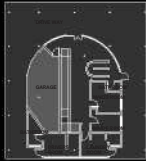
non load bearing walls



A building floor plan should be free from structure condition so partitions can be organized in any way.

FLOOR PLANS

MODEL SCALE: 1/8"



FIRST FLOOR



SECOND FLOOR



ROOF



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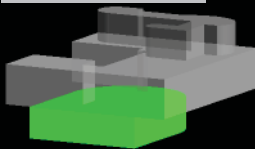


PROGRAM DIAGRAM

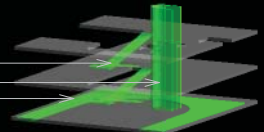


SECTION CUT

CIRCULATION DIAGRAM



RAMP
SPIRAL STAIRCASE
HORIZONTAL CIRCULATION



PROJECT INFORMATION

THIS PROJECT IS TO DESIGN A HOUSE FOR AN ARTIST.
THE LOT IS LOCATED AT 708 E. PALMER AVENUE,
GLENDALE, CA.

THE DESIGN AREA IS 9,982 SQ. FT. AFTER SUBTRACTING
THE 8' SETBACK ON THE SIDES AND REAR, AND 25'
SETBACK AT THE FRONT. THE AREA OF THE LOT
REDUCED 5,143 SQ.FT. IN ADDITION 30% OF THE LOT
AREA HAS TO BE PERMANENT LANDSCAPE OPEN SPACE.
AS A RESULT, THE ACTUAL AREA OF THE LAND THAT
CAN BE DESIGNED FOR THE HOUSE IS 3,486 SQ.FT.



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ARCH 120 RESIDENTIAL ARCHITECTURAL DESIGN
GLENDALE COMMUNITY COLLEGE
SPRING 2013
THE ASSIGNMENT IS TO DESIGN A HOUSE FOR AN ARTIST.

HOUSE FOR AN ARTIST

DESIGN CONCEPT

THE ASSIGNMENT IS TO CHOOSE A CLIENT AND DESIGN A SPECIFIC HOUSE FOR THEM. I CHOSE TO DESIGN A HOUSE FOR AN ARTIST. THE ARTIST IS A FRENCH PAINTER, GEORGES BRAQUE.

HIS PAINTING STYLE IS STIMULATING THE DEPTH OF AN IMAGE BY FRAGMENTING AND SHATTERING OBJECTS IN ORDER TO CREATE THE FORCED PERSPECTIVE EFFECT TO DEEPEN THE VIEWERS PERCEPTION

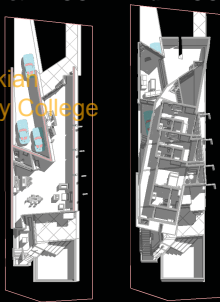
CREATE FORCED PERSPECTIVE AND FRAGMENTATION DUE TO THE ORIENTATION OF THE BUILDING ON SITE

1st FLOOR 2nd FLOOR

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THE EVOLUTION OF THIS DESIGN IS THE PROCESS OF PARALLEL LINES TO ANGLED LINES.

THE HEIGHT OF THE WALLS CHANGE FROM HIGH TO LOW, WHICH FORCES A SLOPED ROOF AND CEILING IN ORDER TO GET PERSPECTIVE FROM IN AND OUTSIDE OF THE HOUSE.



HOUSE FOR AN ARTIST

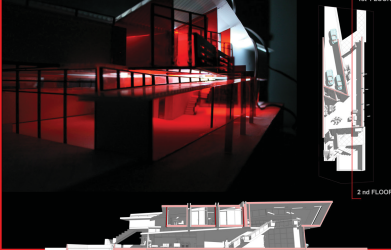
The House is for a French Painter Georges Braque. His Painting aims to stimulate the depth of mind and image by fragmenting and shattering objects in order to create the forced perspective effect to bypass the viewers perception.



Create forced perspective & fragmentation due to the orientation of the building on site.

The evolution of this design to the concept of a house with angled lines.

The height of the walls change from high to low, which creates a sense of depth and makes it easier to get perspective views from all angles of the house.



PROGRAM

STRUCTURE

ORIENTATION



SHARIS MANOUKIAN

2x8 EVOLVE

TERMINATOR: APRIL 15 - MAY 15, 2014
 GRAND RECEPTION: FRIDAY: APRIL 15 8-10PM
 @GCC Hall & Main Arts Room

A+D DESIGN
 4000 Wilshire Boulevard
 Los Angeles, CA 90048
 www.a+d.com

GENSLER
 1000 Wilshire Boulevard
 Los Angeles, CA 90048
 www.gensler.com

CALLISON
 1000 Wilshire Boulevard
 Los Angeles, CA 90048
 www.callison.com

AIA CALA
 1000 Wilshire Boulevard
 Los Angeles, CA 90048
 www.aia.org

B+D
 1000 Wilshire Boulevard
 Los Angeles, CA 90048
 www.b+d.com

MONITORING ARCHITECTS
 1000 Wilshire Boulevard
 Los Angeles, CA 90048
 www.monitoringarchitects.com

STVP
 1000 Wilshire Boulevard
 Los Angeles, CA 90048
 www.stvp.com

2x8 EVOLVE
 A 2x8 EVOLVE BOARD MEMBER
 MUST BE A REGISTERED ARCHITECT OR ARCHITECTURAL STUDENT WITH A CURRENT LICENSE OR ADMISSION TO A STATE BAR OR ARCHITECTURE BOARD. BOARD MEMBERS WILL BE SELECTION BY THE 2x8 EVOLVE BOARD. BOARD MEMBERS WILL BE SELECTION BY THE 2x8 EVOLVE BOARD.

I WILL BE REPRESENTING GCC ARCHITECTURE DEPARTMENT IN THE 2x8 EVOLVE EXHIBITION BY THIS BOARD.

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 Glendale Community College

4th ANNUAL ARCHITECTURAL STUDENT PROJECTS EXHIBITION 2014

FEATURING STUDENT PROJECTS
 SPRING 2013 - FALL 2013
 GCC AT building @ room AT229
 FEB 3rd - FEB 14th
 MON. - FRI. from 1:00pm to 8:00pm

DESIGN BY: call [Collaboration of Architecture & Technology] with JESUS GAYTAN & RONALD HERNANDEZ

CHUNG MING CHIU
 PATRICK JOHANSSON - VIDEO PRODUCTION
 JESUS GAYTAN - GALLERY INSTALLATION
 GAGAN NARAYAN
 SHARIS MANOUKIAN
 RONALD HERNANDEZ - GALLERY INSTALLATION
 TONY MIN
 HAMLET SARPOSYAN
 RANDI ROBBINS
 MITCHELL MORALES

AT BUILDING PARKING STRUCTURE
 GCC CAMPUS MAP
 EXISTING AT209 CLASSROOM LAYOUT
 PROJECTION UNIT ABOVE
 TELLING LINE SHEETS FOR THE 2 ZONES
 VIDEO PRODUCTION
 PROJECT DISPLAY
 SIGNAGE INFO
 ENTRY ENTRANCE
 CIRCULATION DESIGN
 STUDENT PROJECTS LOCATION (LAYOUT)



THESE ARE TWO MODELS OF THE HOUSE FOR AN ARTIST.
I DESIGNED THIS HOUSE AND MADE THE MODEL OUT OF MDF BOARD IN
1/8" SCALE, AND LATER I WORKED ON THE CONCEPT OF THE DESIGN.

1. CHANGED THE FLAT ROOF TO SHATTERED, STEPPED ROOF.
2. PLAYED WITH THE LEVELS
3. TRIED TO SHATTER MORE OBJECTS INTO FRAGMENTS.

THE SECOND MODEL IS MADE OUT OF DIFFERENT TYPE OF MATERIALS
SUCH AS PLEXIGLASS, MDF BOARD AND ETC. IN 1/4" SCALE.

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Orinda Community College



L-SHAPE

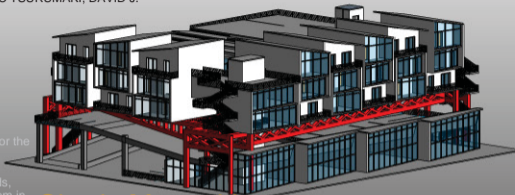
ARCHITECTS: PAUL LEWIS, MARC TSURUMAKI, DAVID J. LEWIS (LTL ARCHITECTS).
CLIENT: UIA MANAGEMENT LLC
LOCATION: MIAMI BEACH, FL
SIZE: 85,000 sq. ft.

PROJECT INFORMATION

Exploiting the desirability of outdoor space in South Florida, the design for the project amplifies the possibilities of regional architectural strategies (balconies, terraces, atria, courtyards, and breezeways) by recombining them in unexpected ways to maximize the connections between interior and exterior space.

Reflecting its position at the border between a commercial zone and the residential neighborhoods to its west, the project incorporates retail, parking, and live-work spaces. While in most mixed-used projects programmatic zones are indifferently stacked one on the other, LTL's design creates overlaps and interdependencies between its component parts.

The principal design challenge was the relationship between the units and the exterior spaces they designed. Various schemes (split bar, L-shape, and three bar) were considered that negotiated differing typologies of exterior spaces, relationships between living and working, economies of construction, and market forces determining unit sizes and numbers.



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SECTION CUT

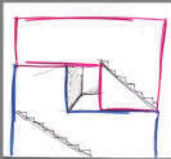
ARCH 130_COMMERCIAL ARCHITECTURE DESIGN
FALL 2013

GLENDALE COMMUNITY COLLEGE

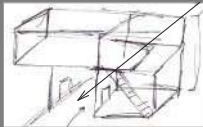
Students are asked to choose an Architect's work
(Mix-used Building) as their case study.

DESIGN CONCEPT

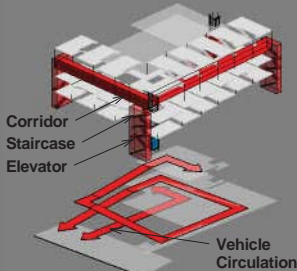
CIRCULATION



The Concept of circulation was to create an interesting corridor which runs through the center of the long axis of the Forth floor(Main Level)of the building with each apartment lying on two levels.



I got this concept of having corridor from LeCorbusier's 'Unite' D'Habitation-Marseille



PROGRAM

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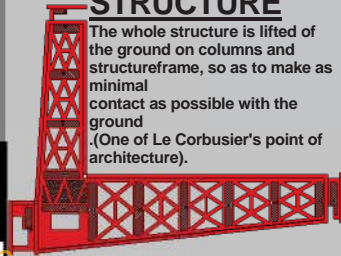
"L" Shape Floor Plan Concept

- OFFICE
- LIVING
- PARKING
- RETAIL

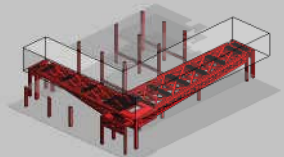


STRUCTURE

The whole structure is lifted of the ground on columns and structureframe, so as to make as minimal contact as possible with the ground .(One of Le Corbusier's point of architecture).



Two separate structural planing
1:columns: holds parking and office
2:Structure Frame: holds the living Units



MODEL SCALE: 1/32"



EXPLODED VIEW OF FLOOR PLANS



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PROJECT INFORMATION:

STUDENTS ARE ASKED TO DESIGN AND PROPOSED A BRAND NEW COMMERCIAL MIX-USE HIGH RISE BUILDING WITH CIRCULATION OR PROGRAM CONNECTING TO A BUILDING (WELLER COURT) ACROSS 2ND STREET.
SITE ADDRESS: 282 EAST 2ND STREET, LOS ANGELES, CA.
AREA OF THE SITE: 98,684 SQ. FT

PROGRAM REQUIREMENT:

RESTAURANTS AND FOOD COURTS

ASSEMBLY USES INTENDED FOR FOOD AND/OR DRINK CONSUMPTION.

3 MAJOR RESTAURANTS AT 5,000 SQ. FT. EACH

10 FAST FOOD AT 1,000 SQ. FT. EACH EXCLUDING OUTDOOR SEATING AREA (YOU HAVE TO DESIGN THE OUTDOOR SEATING AREA, AND 50% OF THE SQUARE FOOTAGE WILL ADD ON TO THE TOTAL AREA OF THE FAST FOOD).

OUTDOOR PERFORMANCE AREA

ASSEMBLY USES INTENDED FOR PARTICIPATION IN OR VIEWING OUTDOOR ACTIVITIES

UNLIMITED OUTDOOR SPACE AND OUTDOOR CIRCULATION SPACES WITHIN THE PROJECT

PROFESSIONAL OFFICE SPACE

BUSINESS GROUP OCCUPANCY USES INTENDED FOR OFFICE, PROFESSIONAL OR BUSINESS TYPE TRANSACTIONS.

OFFICE SPACES FOR MULTIPLE TENANTS AT 18,000 S. FT. TOTAL

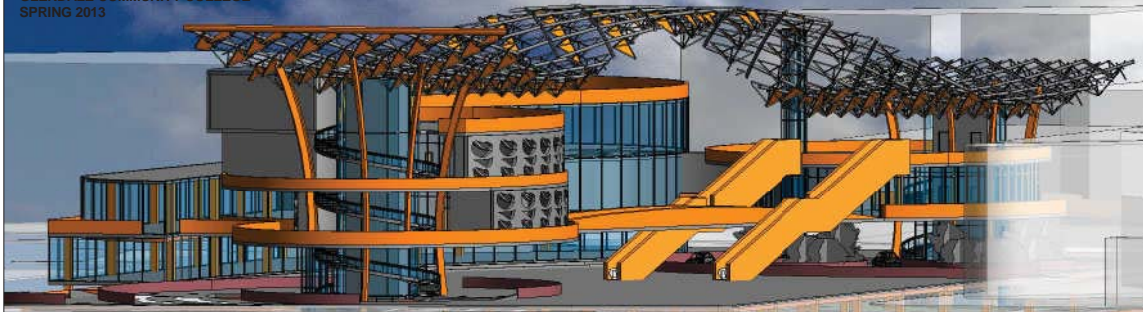
RETAIL STORES AND SALES ROOMS

MERCANTILE OCCUPANCY USES INTENDED FOR THE DISPLAY AND SALE OF MERCHANDISE INVOLVES STOCKS OF GOODS, WARES OR MERCHANDISE INCIDENTAL TO SUCH PURPOSE AND ACCESSIBLE TO THE PUBLIC.

12 MAJOR SPECIALTY STORES AT 15,000 SQ. FT EACH

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ARCH 130_COMMERCIAL ARCHITECTURAL DESIGN
GLENDALE COMMUNITY COLLEGE
SPRING 2013



EXISTING CONDITION OF THE SITE

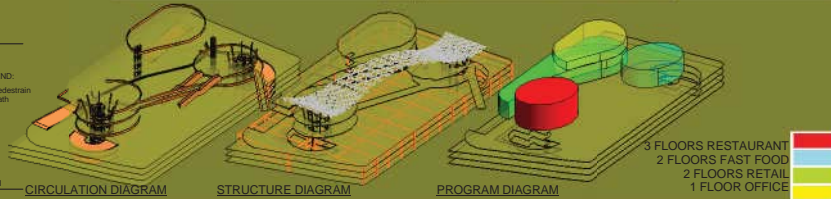


CONCEPTUAL MODEL (1/32" SCALE)



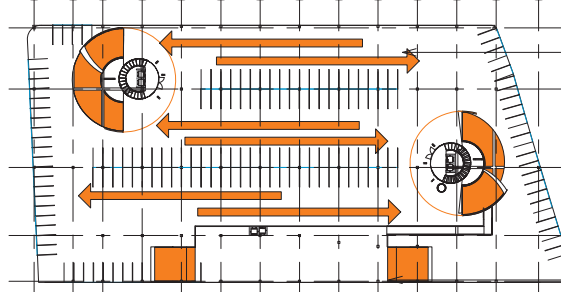
DESIGN CONCEPT

THE MAIN CONCEPT WAS TO CREATE AN INTERESTING CIRCULATION ALL AROUND THE SITE. I CREATE 2 MAIN CIRCULATION TOWERS THAT ARE CONNECTED TO EACHOTHER BY A BRIDGE AND ALSO CONNECTED TO THE NEXT BUILDING CROSS THE STREET. ALL OF THE FLOORS ARE CONNECTED TO THESE TOWERS THEREFORE THERE IS AN EASY ACCESS TO ALL AROUND THE LITTLE TOKIYO CENTER. THE ROUND CAR RAMPS ARE ALSO PART OF THE TOWERS THAT GOES UNDER GROUND THESE TOWERS ARE NOT JUST CIRCULATION TOWERS, THEY CONTAIN PROGRAM INSIDE OF THEM, ONE OF THE TOWERS ARE 3 FLOOR RESTURANT AND THE OTHER ONE IS 2 FLOORS OF FAST FOOD AREA.



VEHICLE CIRCULATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14

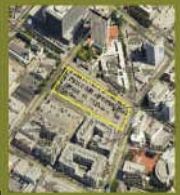


A
B
C
D
E

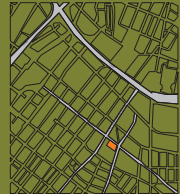
UNDERGROUND
3 FLOORS PARKING

LOADING AREA
ON THE FIRST PARKING
FLOOR

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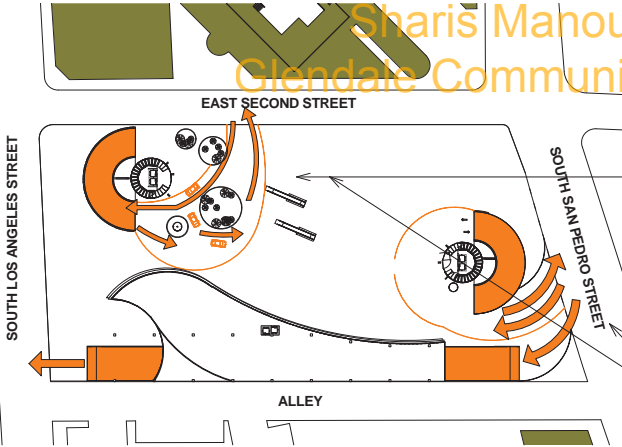
SITE MAP



VICINITY MAP



SITE PLAN



DROP OFF AREA

2 WAYS EXIT
AND ENTRANCE

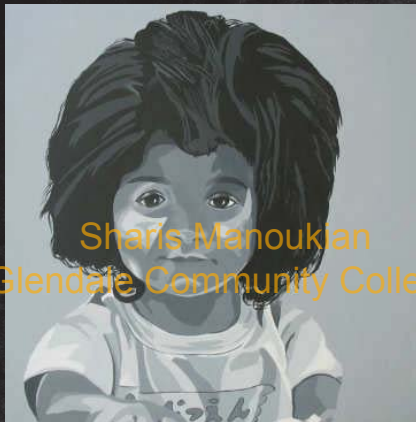
PORTRAIT WITH CONTE



LIFE DRAWING



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ACRYLIC, SELF PORTRAIT



POINTILLISM ART



CHARCOAL PORTRAIT

COLOR THEORY,
LIGHT AND COLOR
EXPERIMENT



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GOUACHE PASTEL PAINTING



OIL PAINT





ARCHITECTURAL RELATED TAKEN CLASSES

ARCH 101_DRAFTING AND BASIC DESIGN

ARCH 102_ARCHITECTURAL DRAFTING AND DESIGN

ARCH 103_DESCRIPTIVE GEOMETRY

ARCH 105_PERSPECTIVE GRAPHICS

ARCH 106_BUILDING CODES I

ARCH 120_RESIDENTIAL ARCHITECTURAL DESIGN I

ARCH 130_COMMERCIAL ARCHITECTURAL DESIGN I

ARCH 135_COMMERCIAL ARCHITECTURAL DESIGN II

ARCH 160_ARCHITECTURAL LABORATORY

ARCH 250_INTRODUCTION TO AUTODESK REVIT ARCH.

ARCH 251_ADVANCED REVIT ARCH.

ART 120_HISTORY OF ARCHITECTURE I

ART 121_HISTORY OF ARCHITECTURE II

ENGR 109_BASIC AUTODESK APPLICATIONS



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Glendale Community College

TECHNICAL KNOWLEDGE

- AUTODESK REVIT ARCHITECTURE
- AUTOCAD ARCHITECTURE
- SKETCHUP
- PHOTO PAINT

THANKYOU

A photograph of a modern building interior, possibly a library or a community center. The scene is dominated by a strong red glow, likely from a light source or a wall. A prominent feature is a glass and metal railing that runs across the foreground and middle ground. The railing is made of dark metal posts and horizontal bars, with glass panels in between. The background shows a multi-level structure with more glass and metal elements. The overall atmosphere is dramatic and contemporary.

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