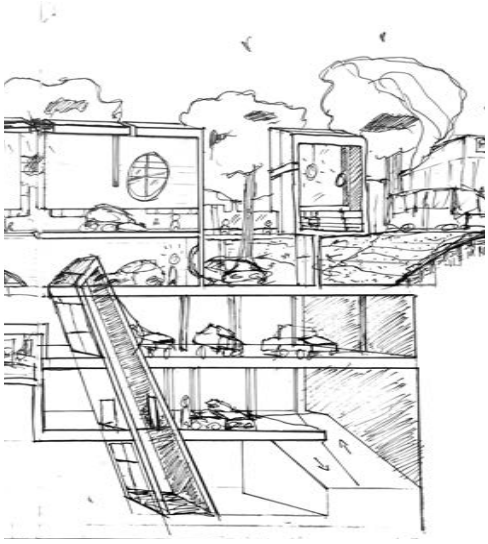
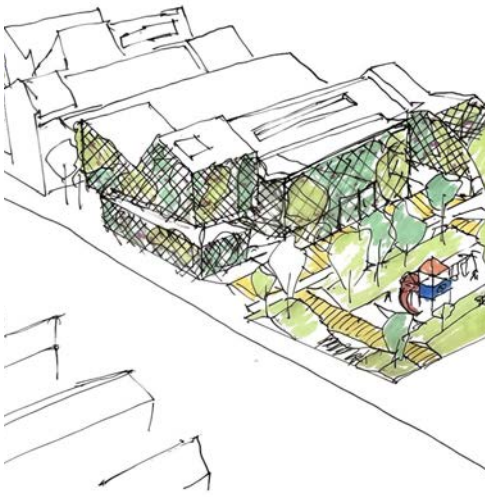
Anthony Quiroz

Selected Works







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Spring 2022
Professor Emily Morh

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Spring 2023
Partner Luis Salazar
Professor Hallie Black

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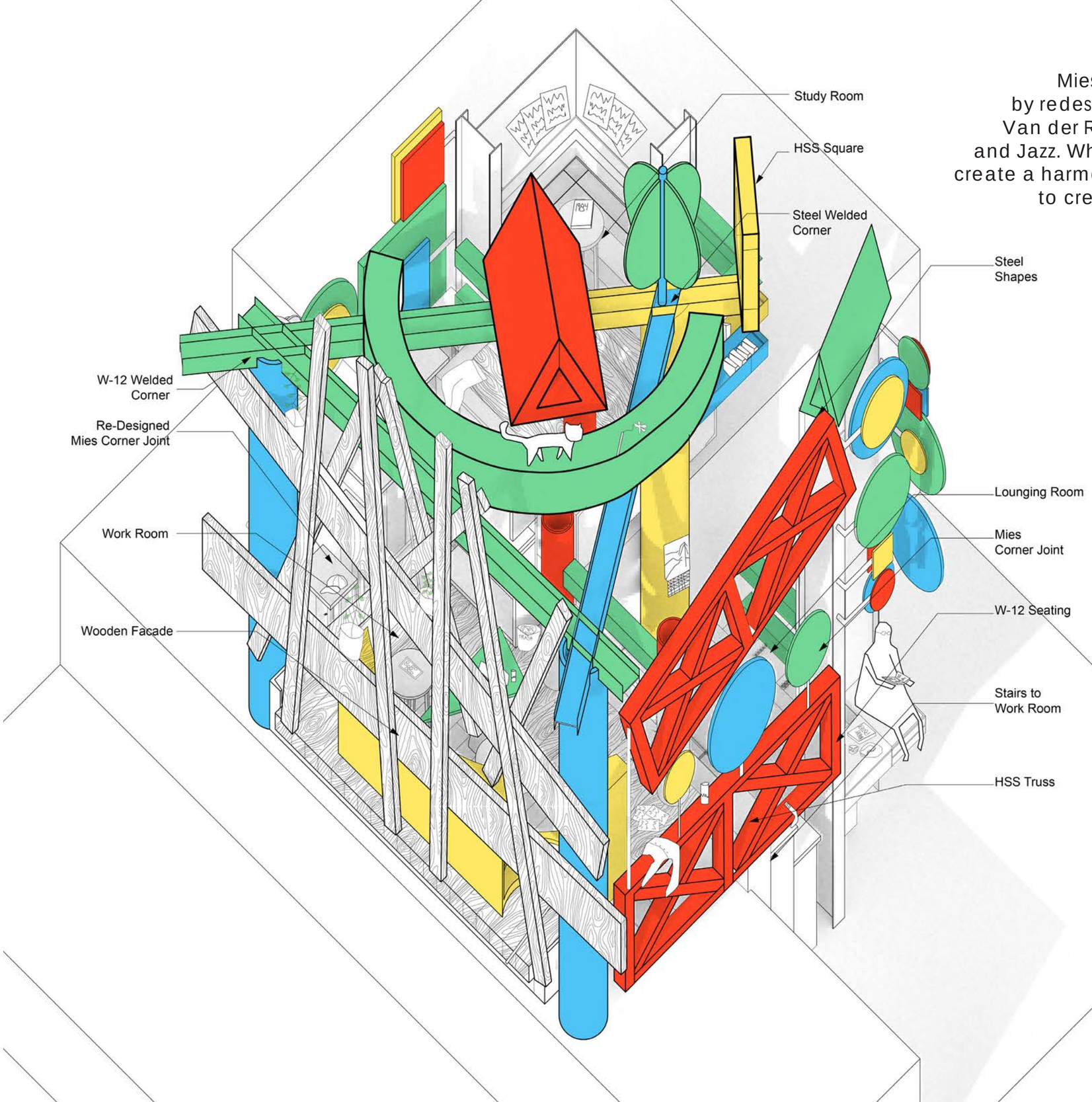
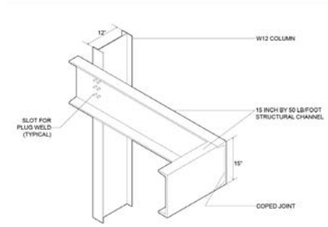
Fall 2023
Professor Yo-Ichiro Hakomori

4. Oakwood Abode Revit Pacakge
Spring 2024
Professor Vlanka Catalan

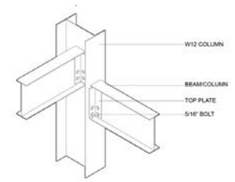
1. Mies-Behaving

Mies Behaving **challenges** ideas of perfection with imperfection by redesigning Authored and Generic Joints. The design **breaks** Mies Van der Rohe's rules of perfection by combining the ideas behind Art and Jazz. When we listen to Jazz, it sounds like a clash of instruments that create a harmonic tune. In Art, shapes and color are artistically composed to create a masterpiece. So, Mies Behaving captures the ideas of **imperfection** and creates a dynamic space.

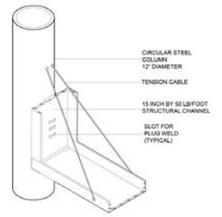




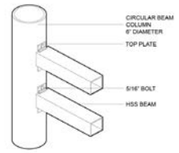
08 MIES
farnsworth house, 1951
corner joint



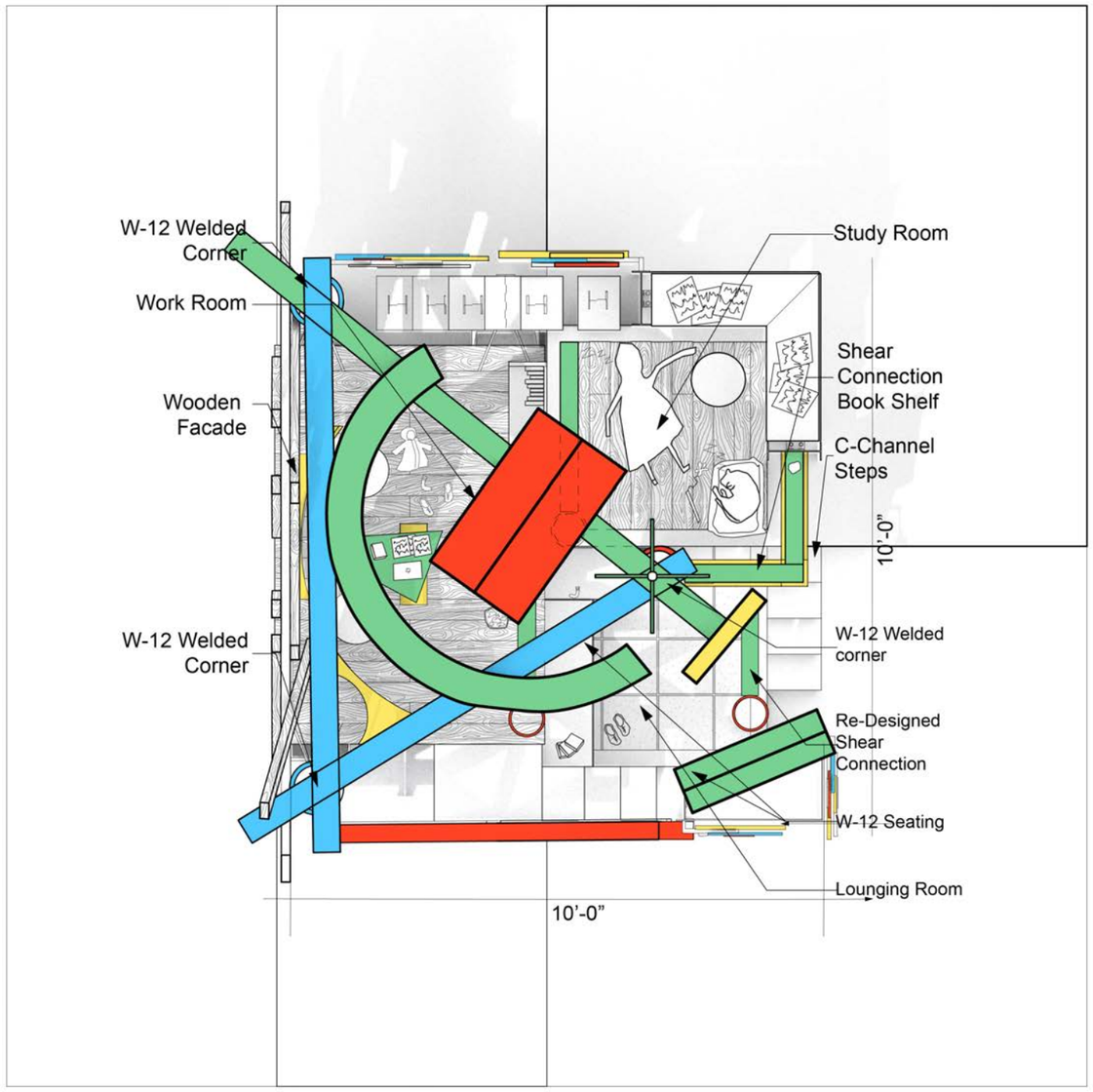
06 SHEAR CONNECTION
francis ching



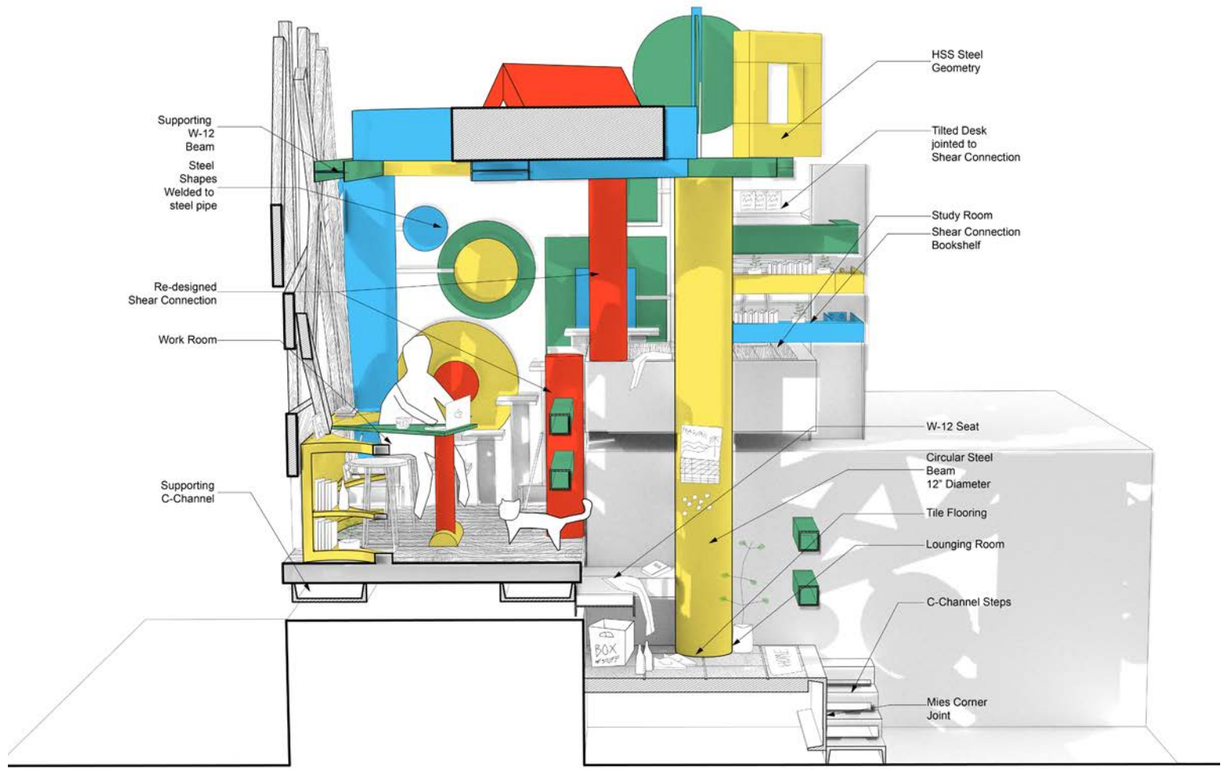
08 MIES
redesgined
farnsworth house, 1951
corner joint



06 SHEAR CONNECTION
RE-DESIGN
francis ching

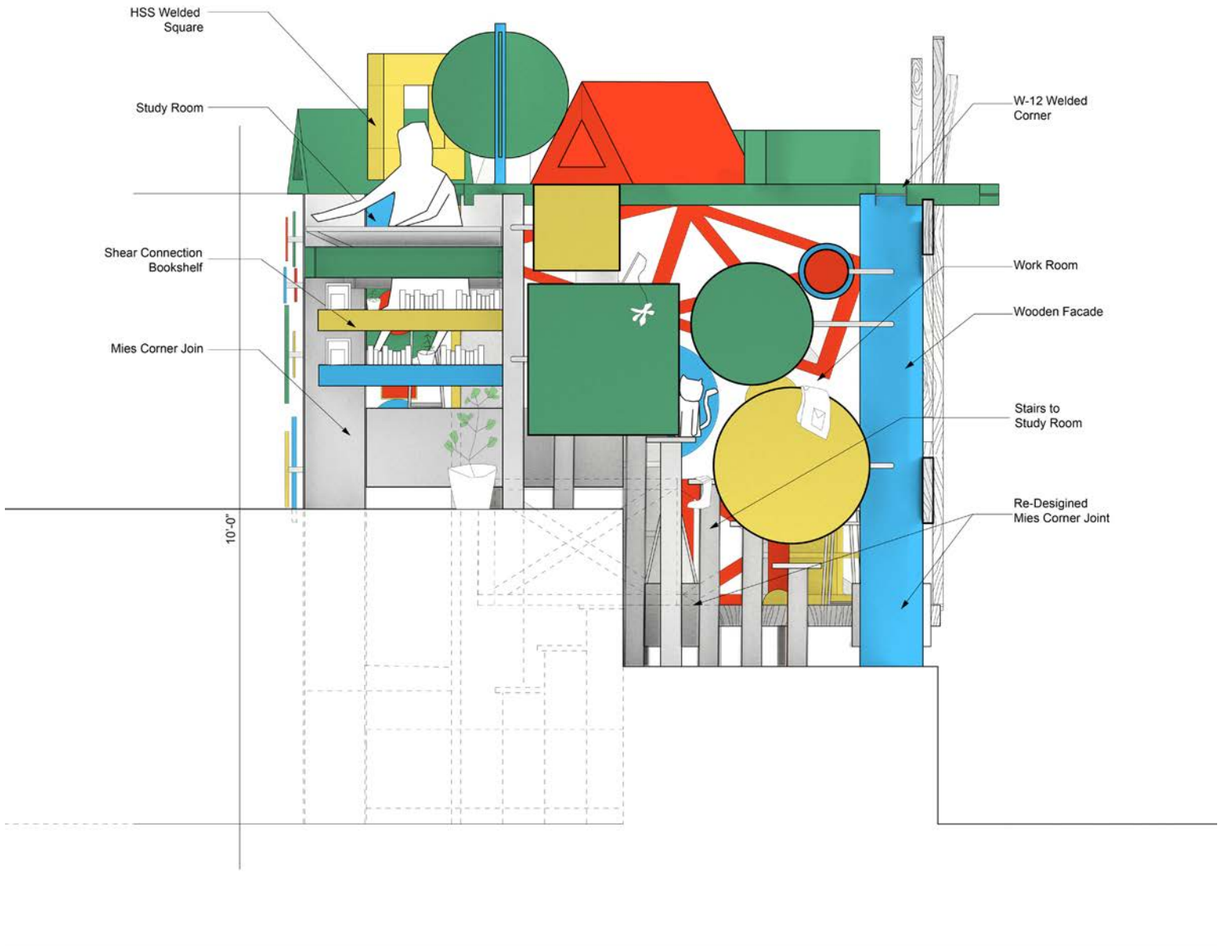


Floor Plan

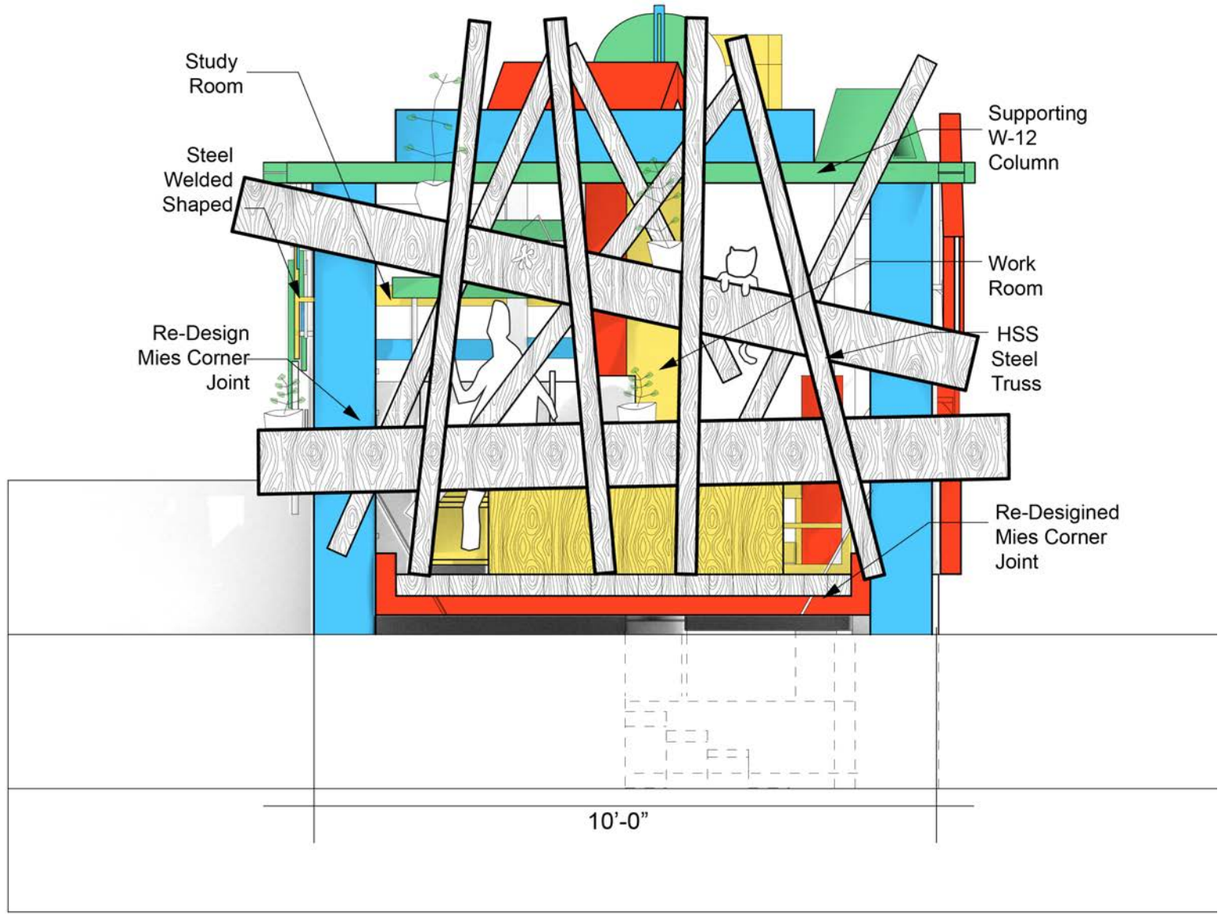


Section

1. Mies-Behaving



West Elevation

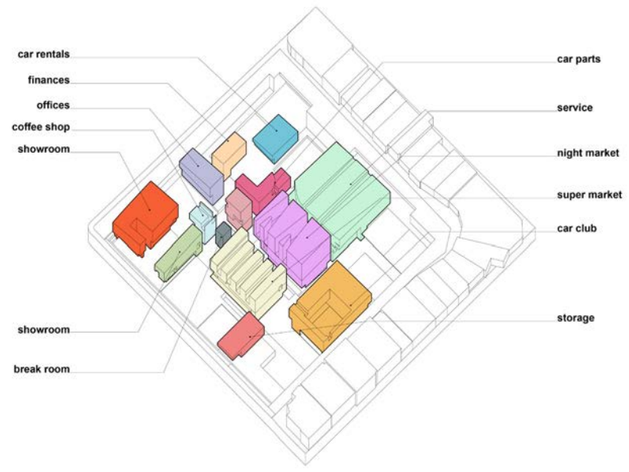


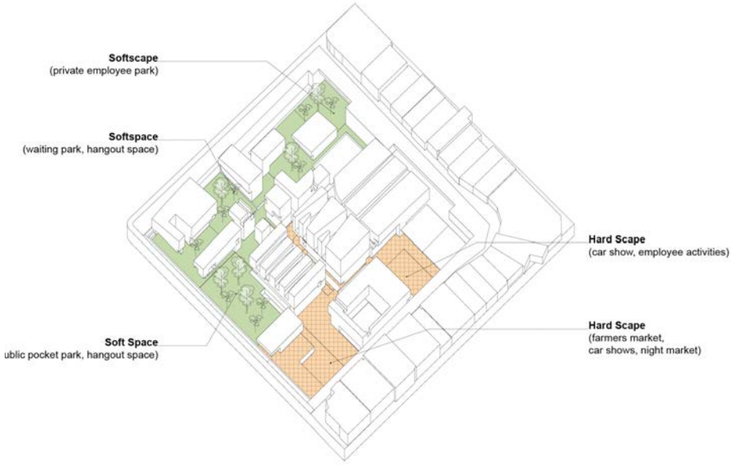
North Elevation

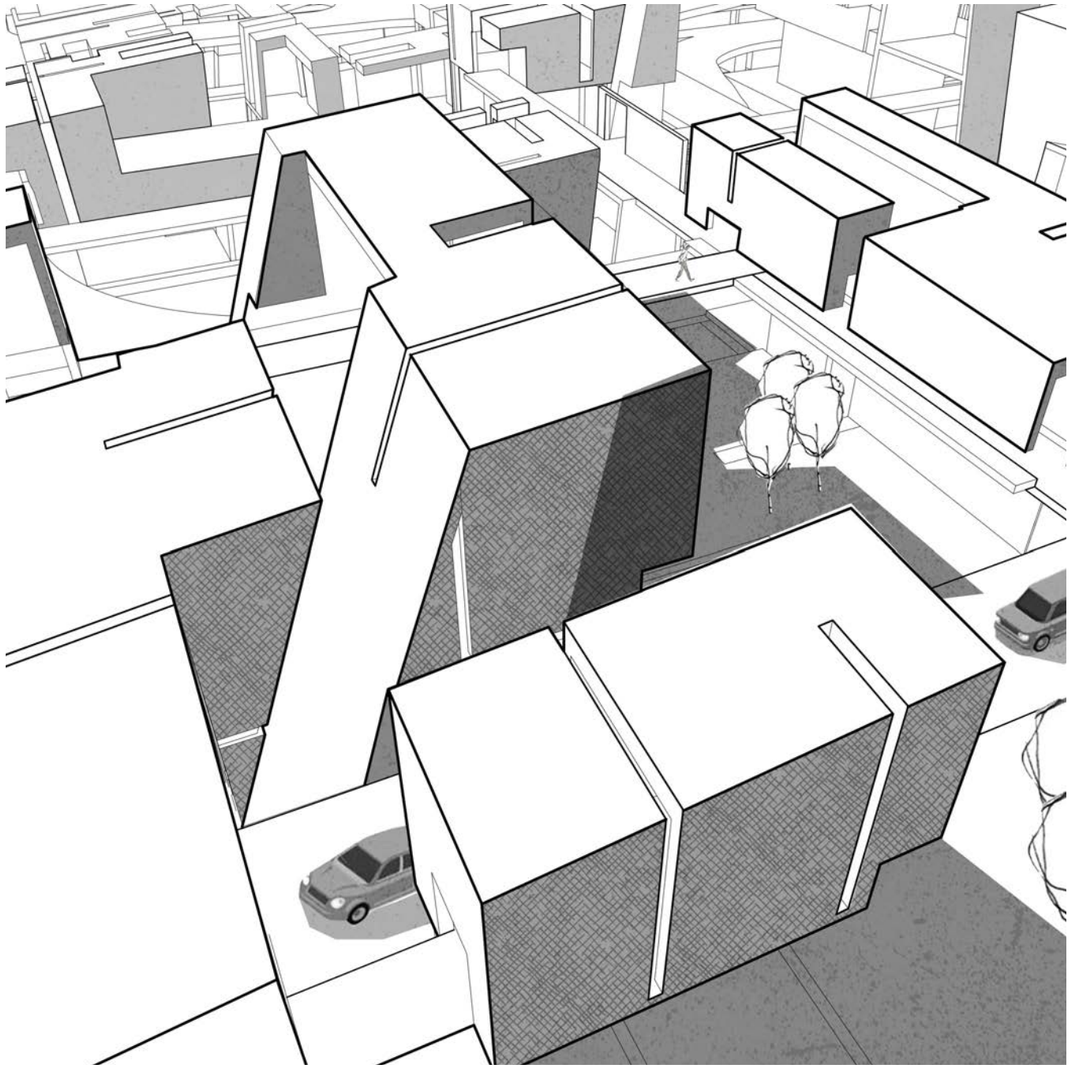
1. Mies-Behaving

2. The Passage

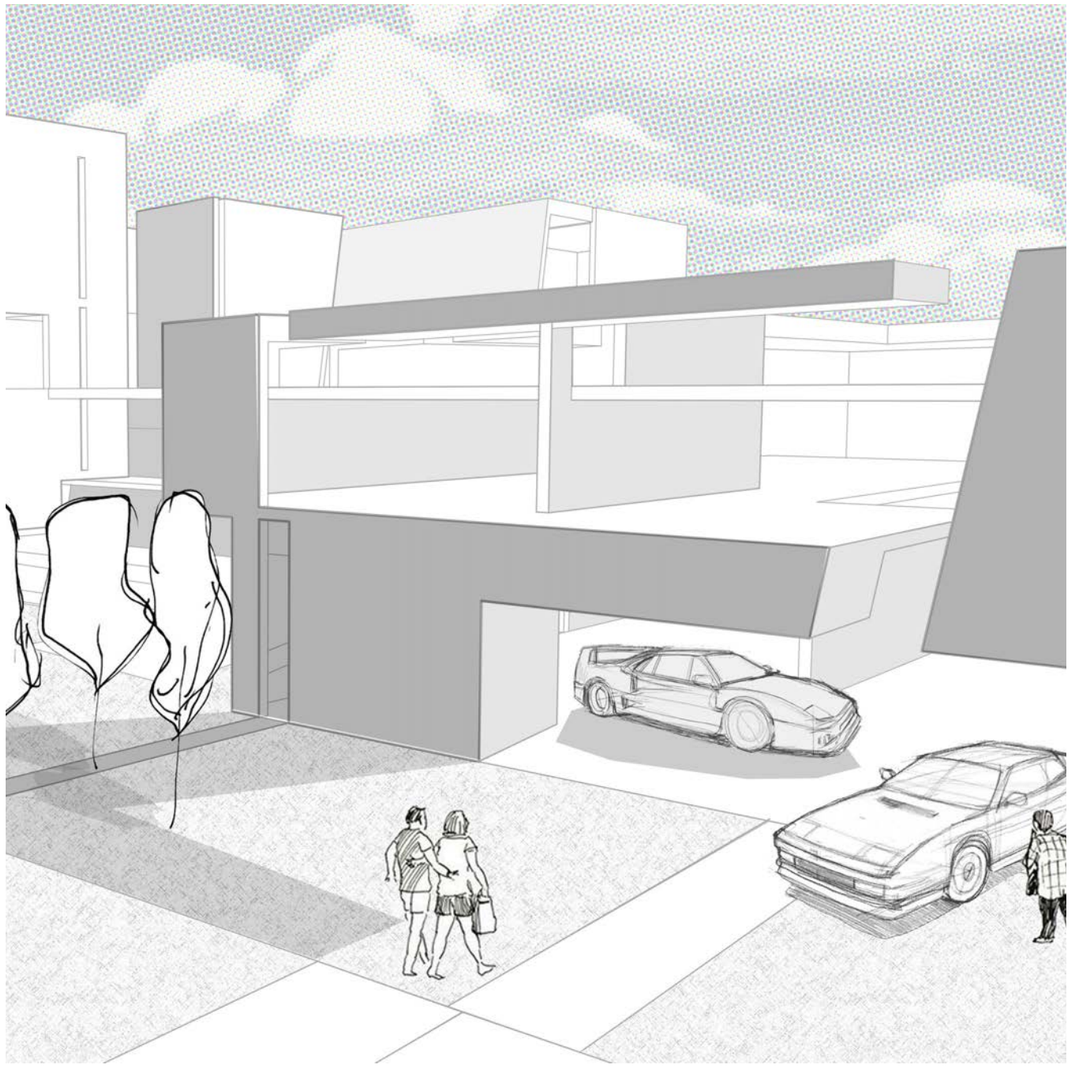
The Passage is a car dealership hybrid located in West Covina. In this project my partner and I focus on three main elements, **Urban Denisty**, Fulfill the **Local Community** and **Efficient** use of **Space**. Our story beings when we started a study on car dealerships and supermarkets. Through the study we discovered there were more car dealships than supermarkets in the **Los Angeles County**. Additionally, through multiple site visits we noticed that car dealerships were not using the land efficently nor connecting it towards the commuinty. Therefore, The Passage is an example of a futuristic hybrid that densifies spaces with programs that reach out to the **community**, but also **fullfill the needs** of the neighborhood







Car Dealership Drive Thru

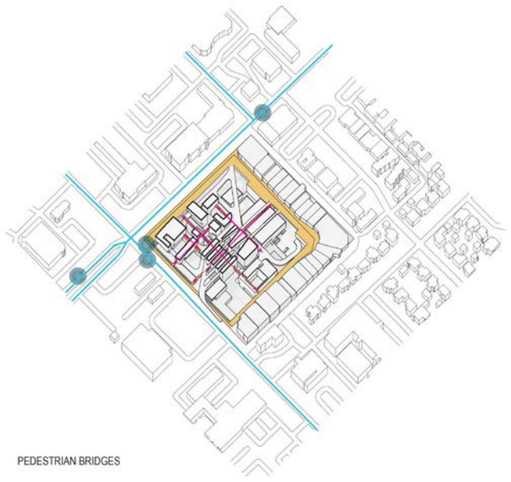


Car Club

2. The Passage



PEDESTRIAN CIRCULATION



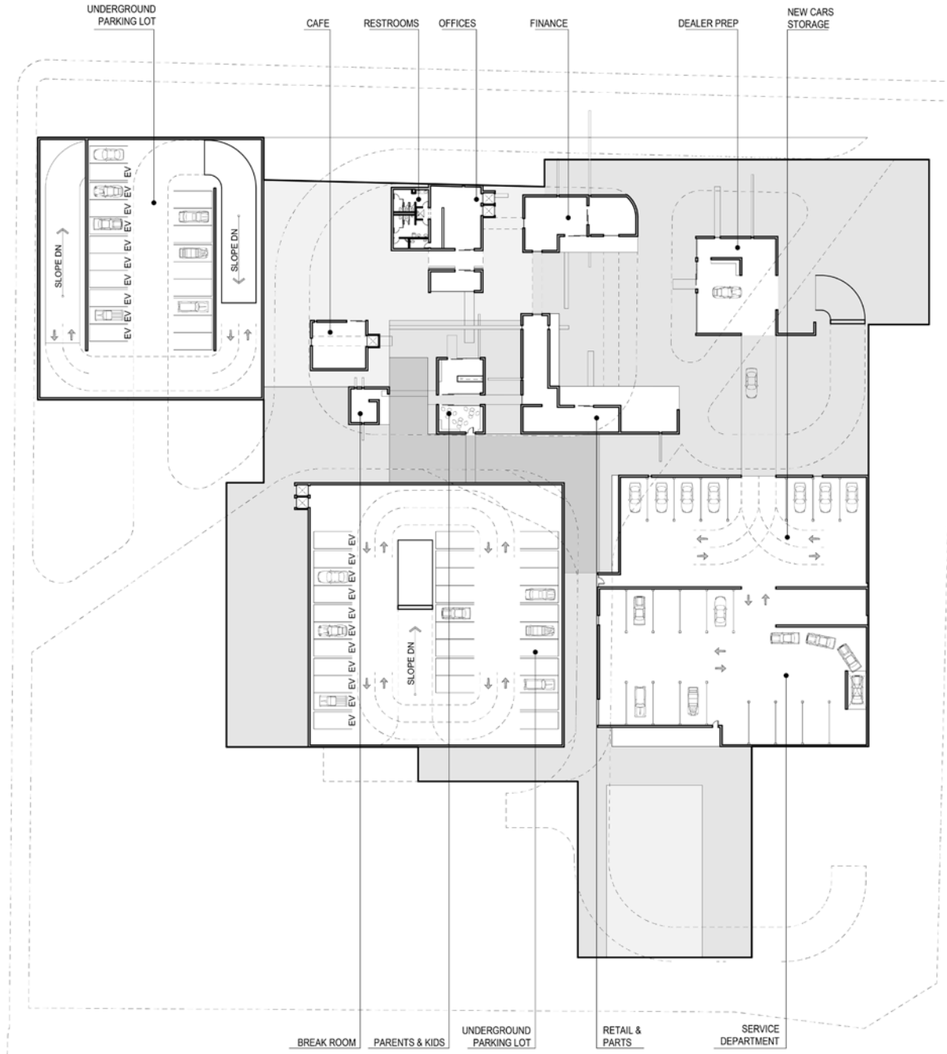
PEDESTRIAN BRIDGES



BIKE CIRCULATION



VEHICULAR CIRCULATION

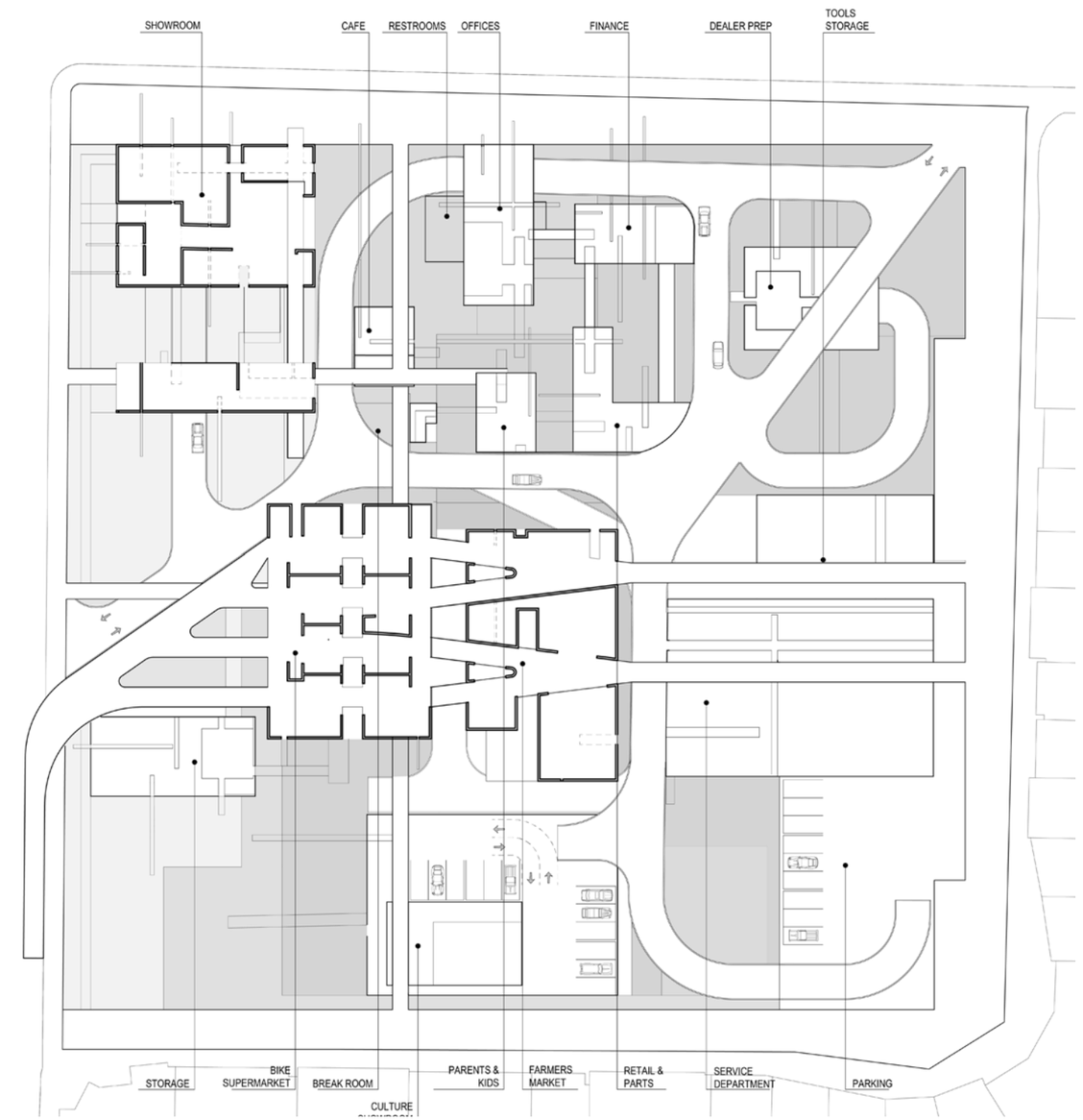


Ground Level Floor Plan

2. The Passage

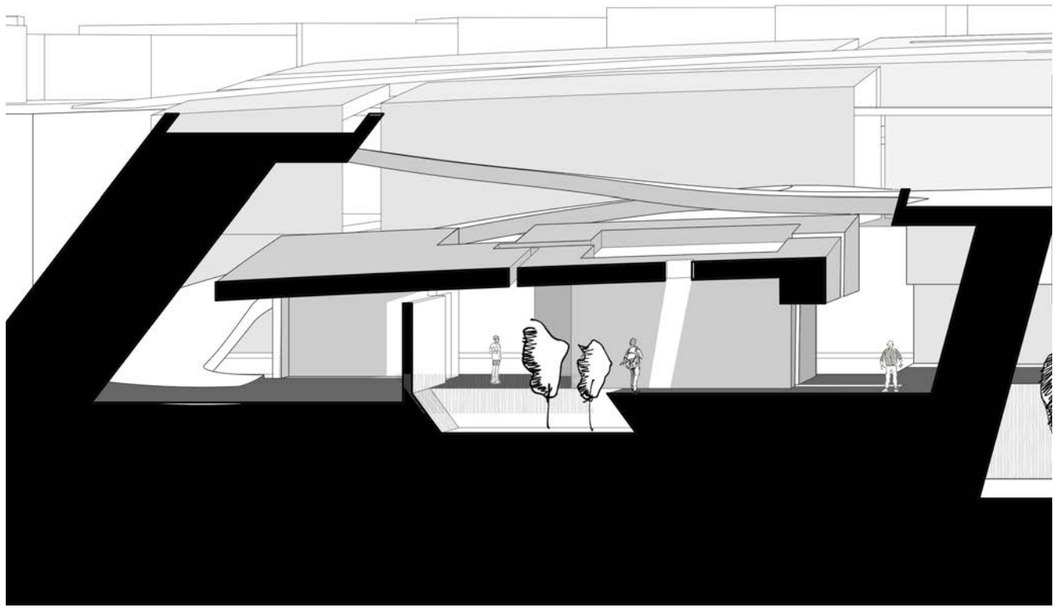


First Floor

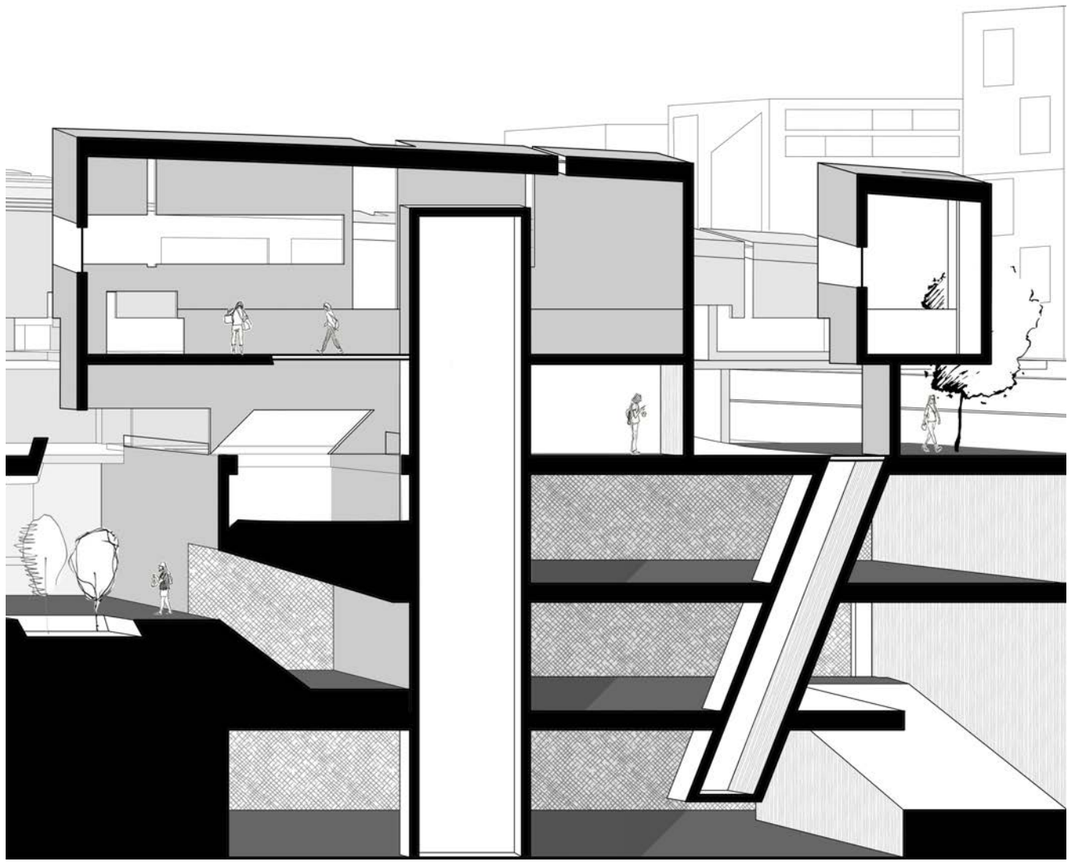


Second Floor

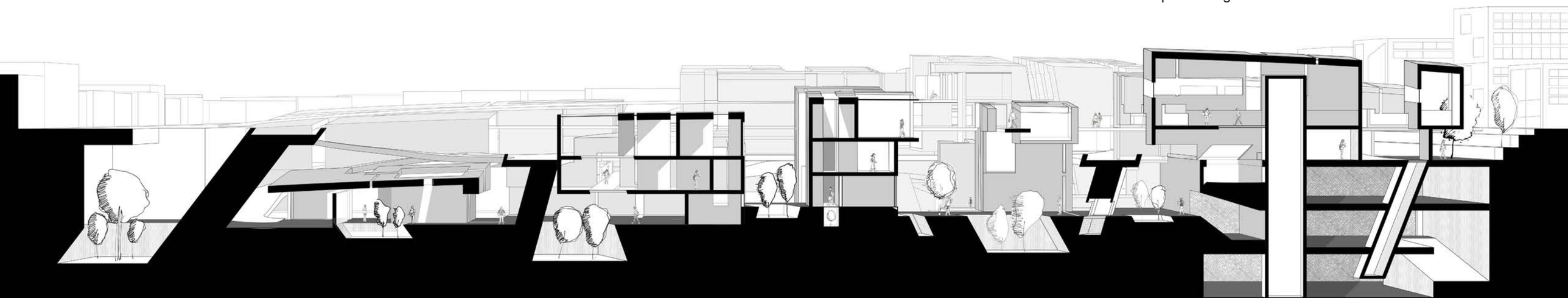
2. The Passage



Car Rental Section



Car Dealership/Parking Section



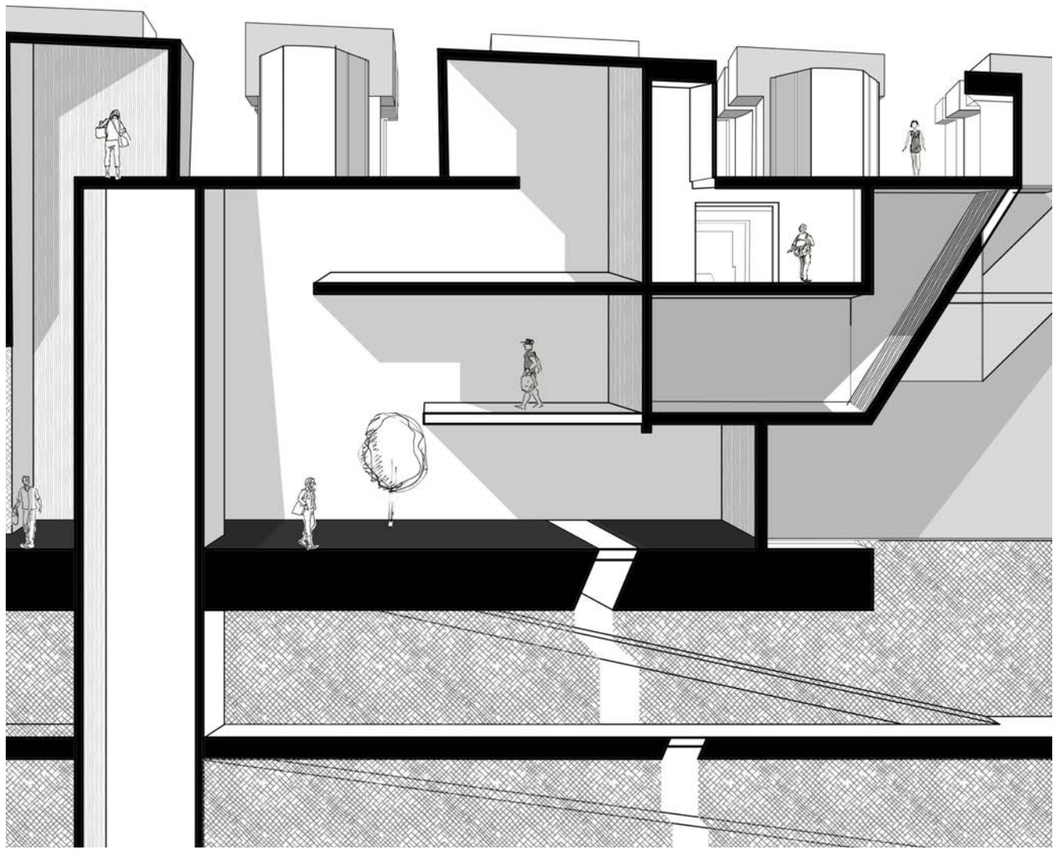


Overall Model

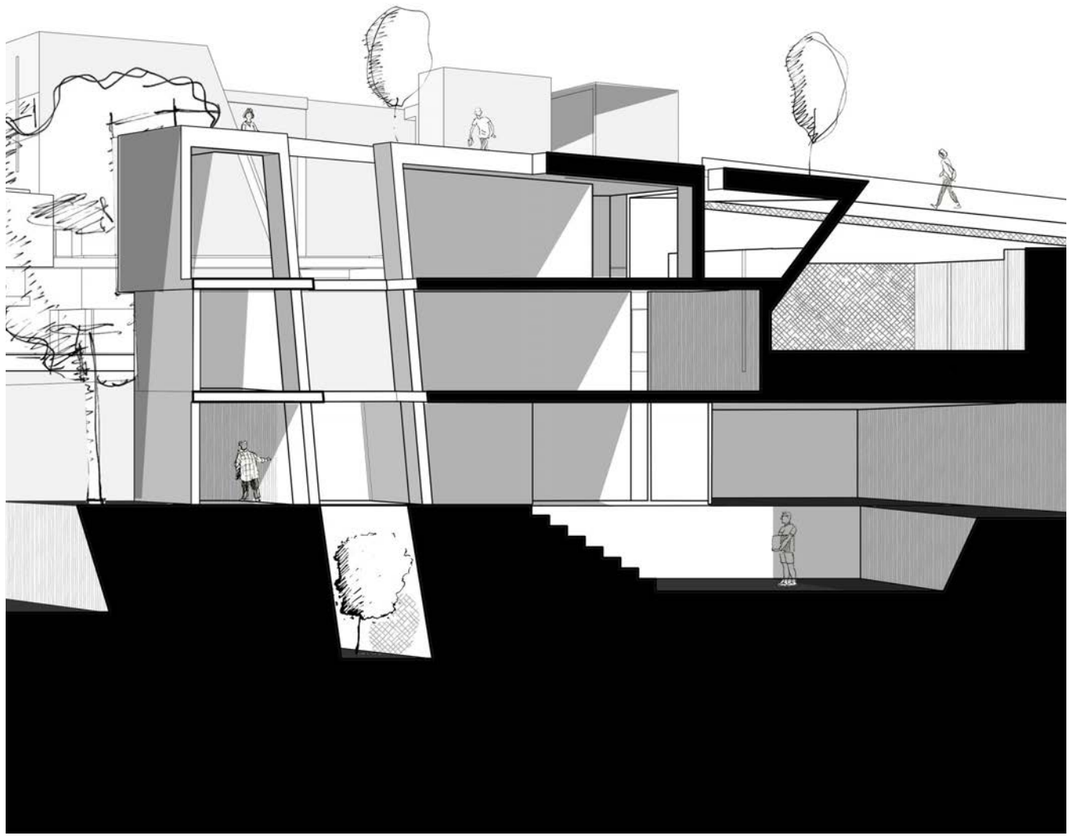


Super Market Close Up

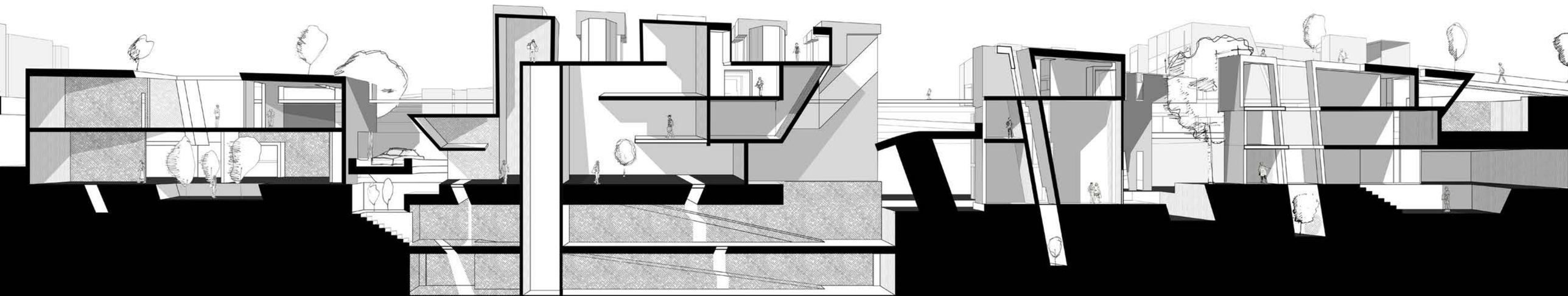
2. The Passage



Super Market Section



Admin Section





Super Market Drive

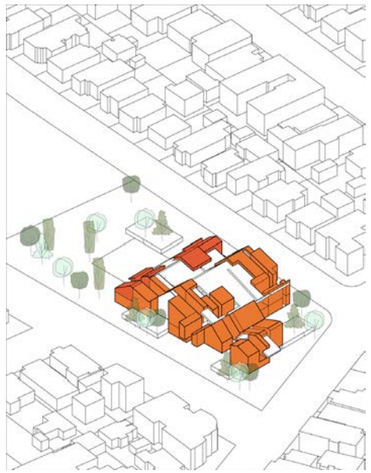


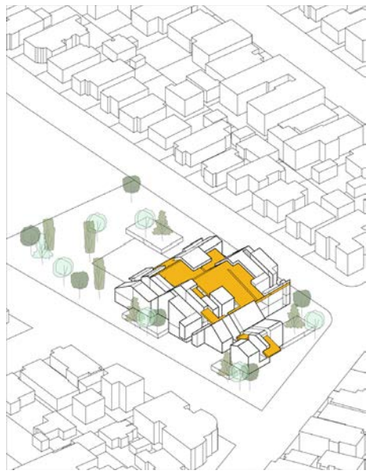
Waiting Plaza

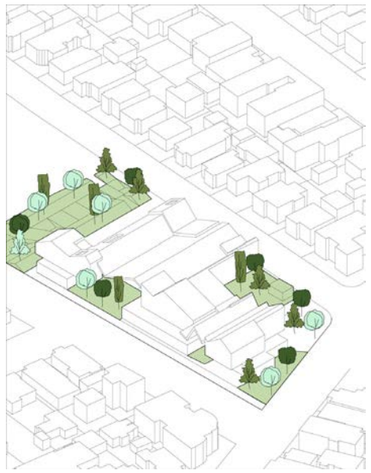
2. The Passage

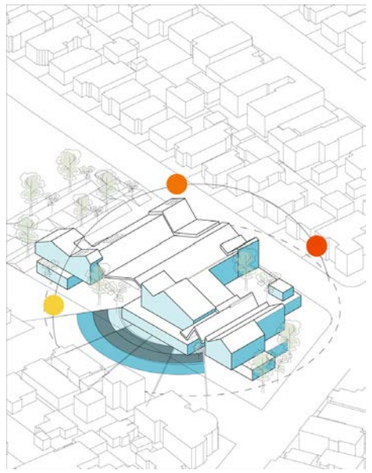
3. The Oakwood Abode

The Oakwood Abode is a CLT **community center** that is inspired by the surrounding environment. It contains an olympic sized pool, gym, coffee shop and offices for the faculty. The form was driven from a combination of the **traditional and new homes** that surround the site. Some of the main ideas of the project were to compress the design together to **maximize landscaping**. Using a push and pull method allowed **natural sunlight and air** to circulate throughout the day. Overall, the design brings the **community together** through entry points to allow easy access into the facility.











Neighborhood View



Open Plaza

3. The Oakwood Abode

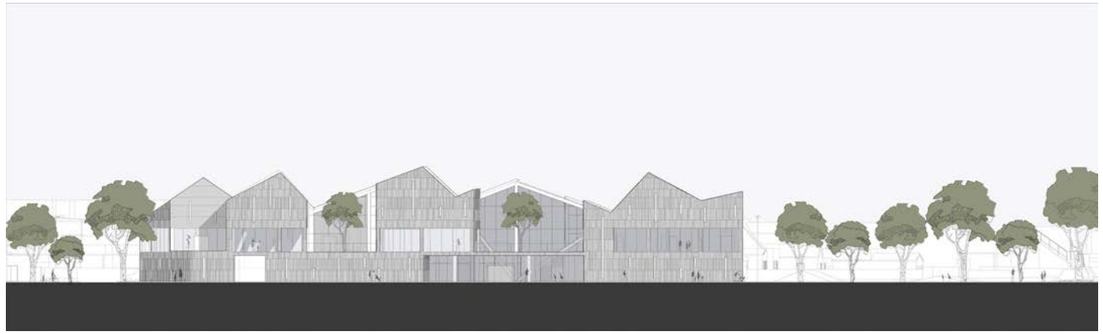




West Elevation

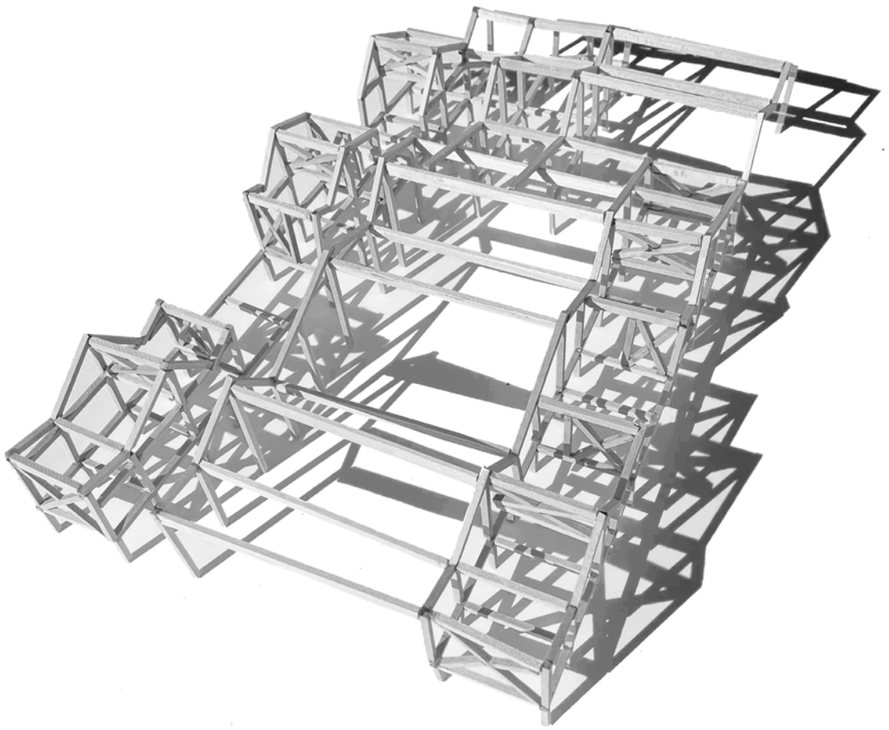


North Elevation

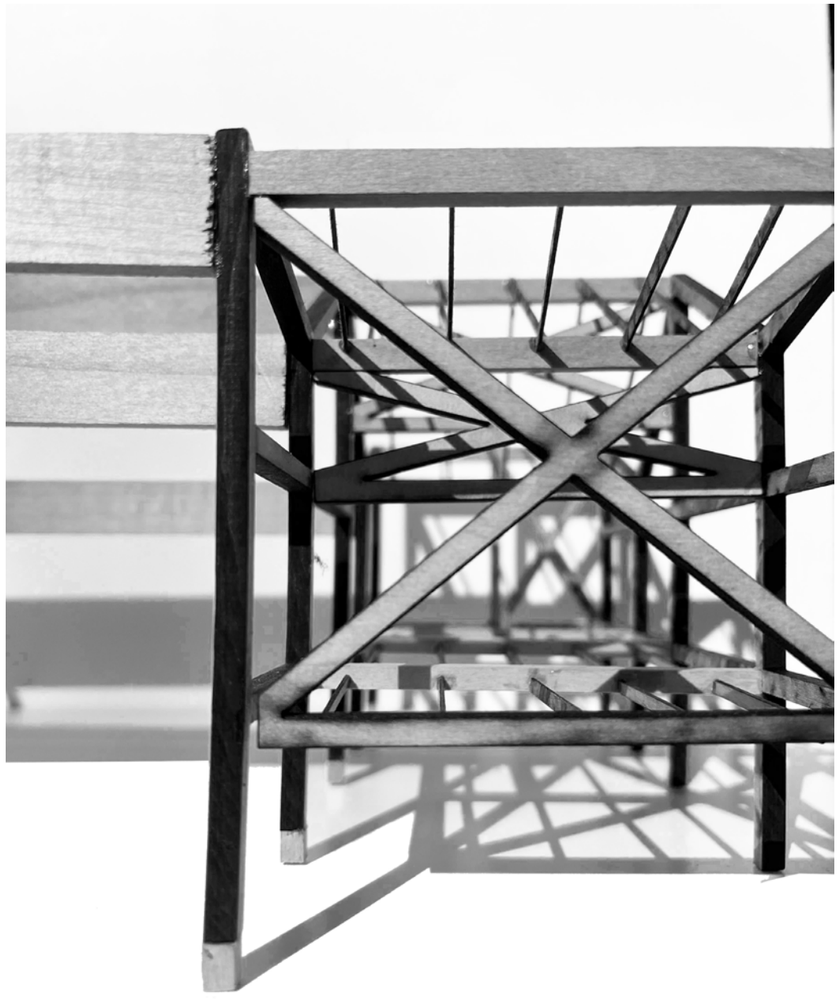


East Elevation

3. The Oakwood Abode

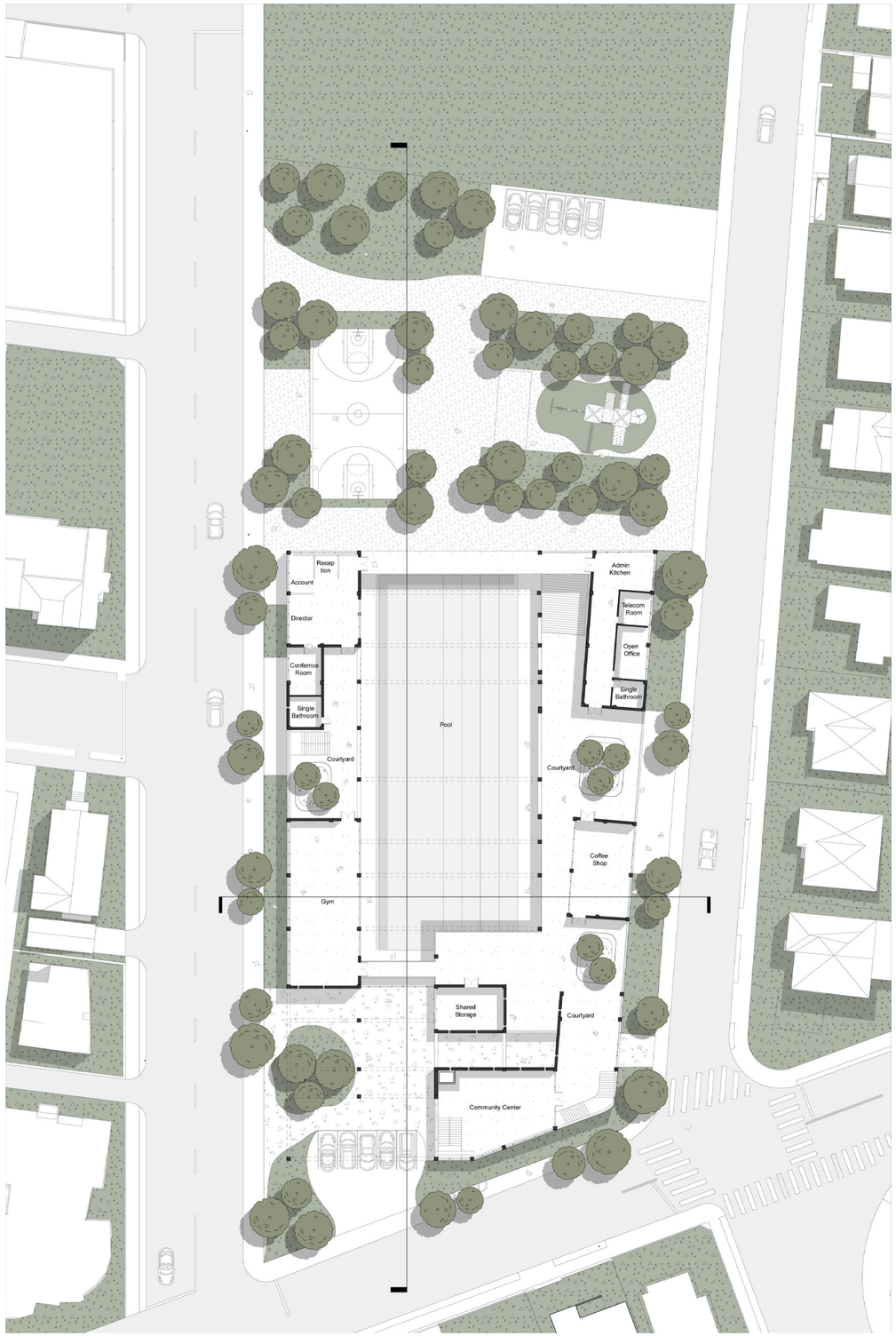


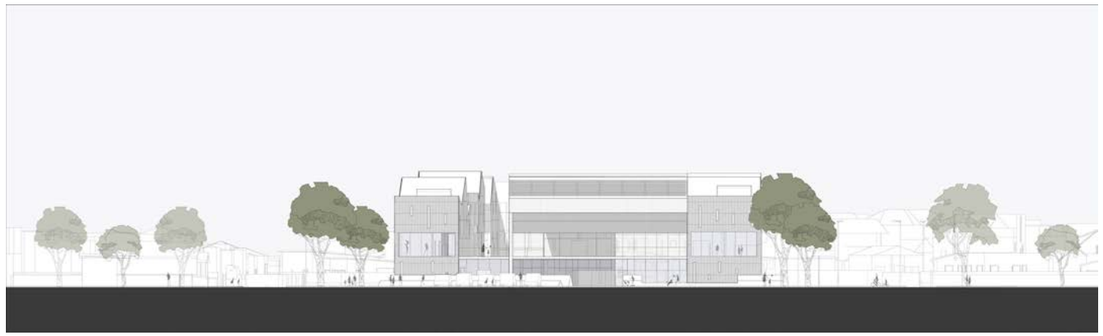
Overall Structure Model



Cross Brace Framing

3. The Oakwood Abode

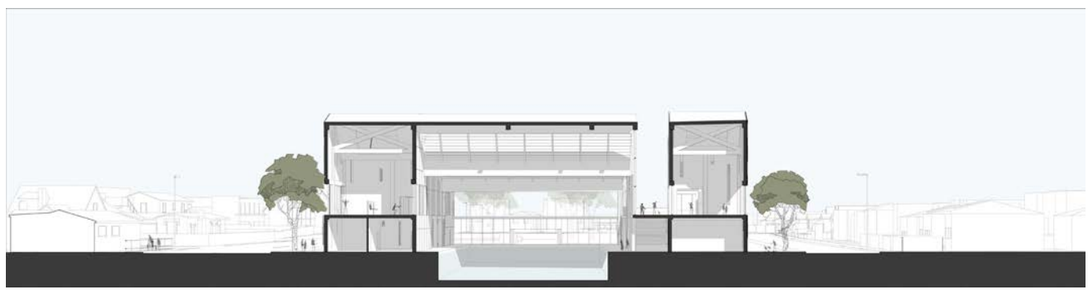




West Elevation

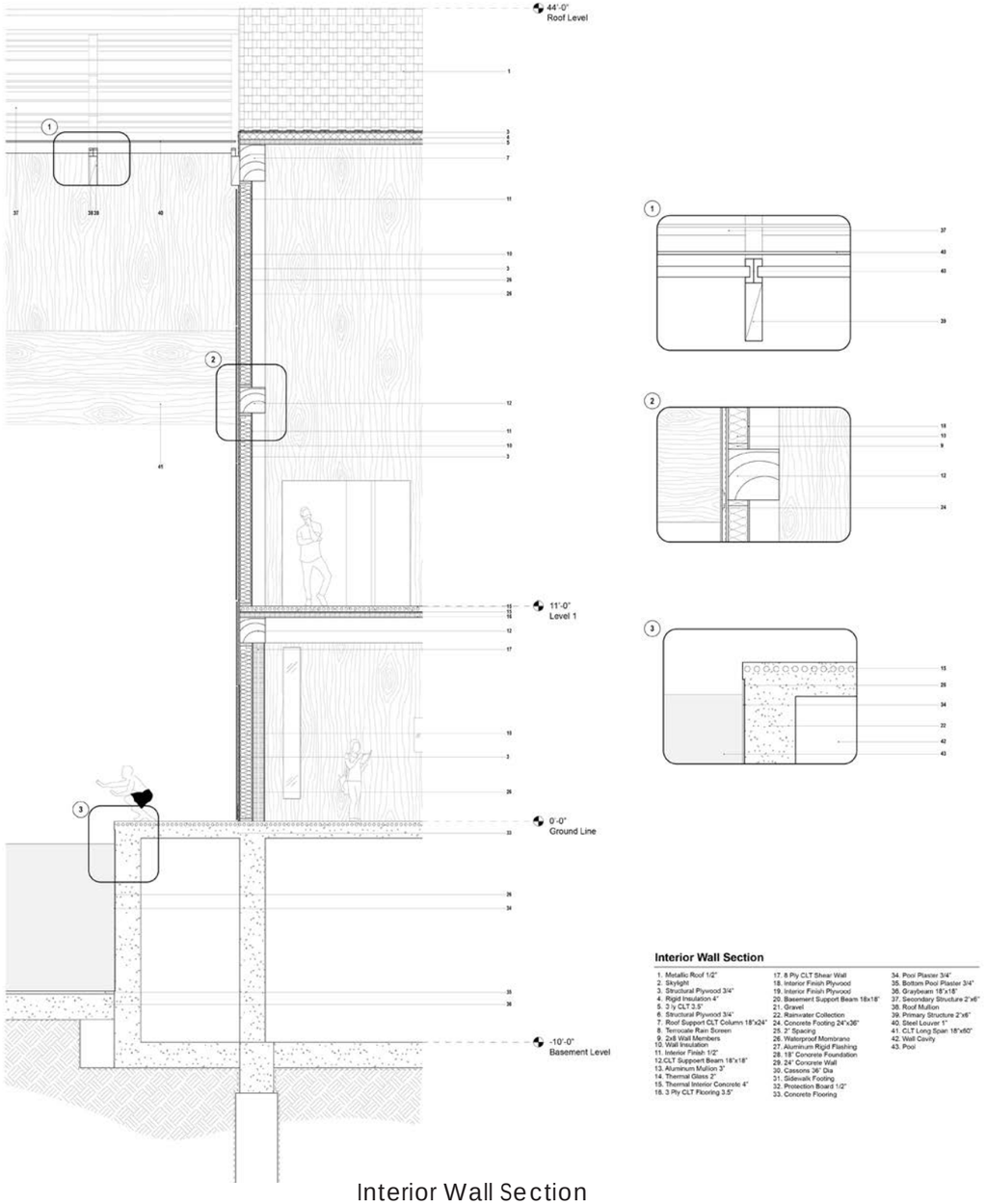


West Section



North Section

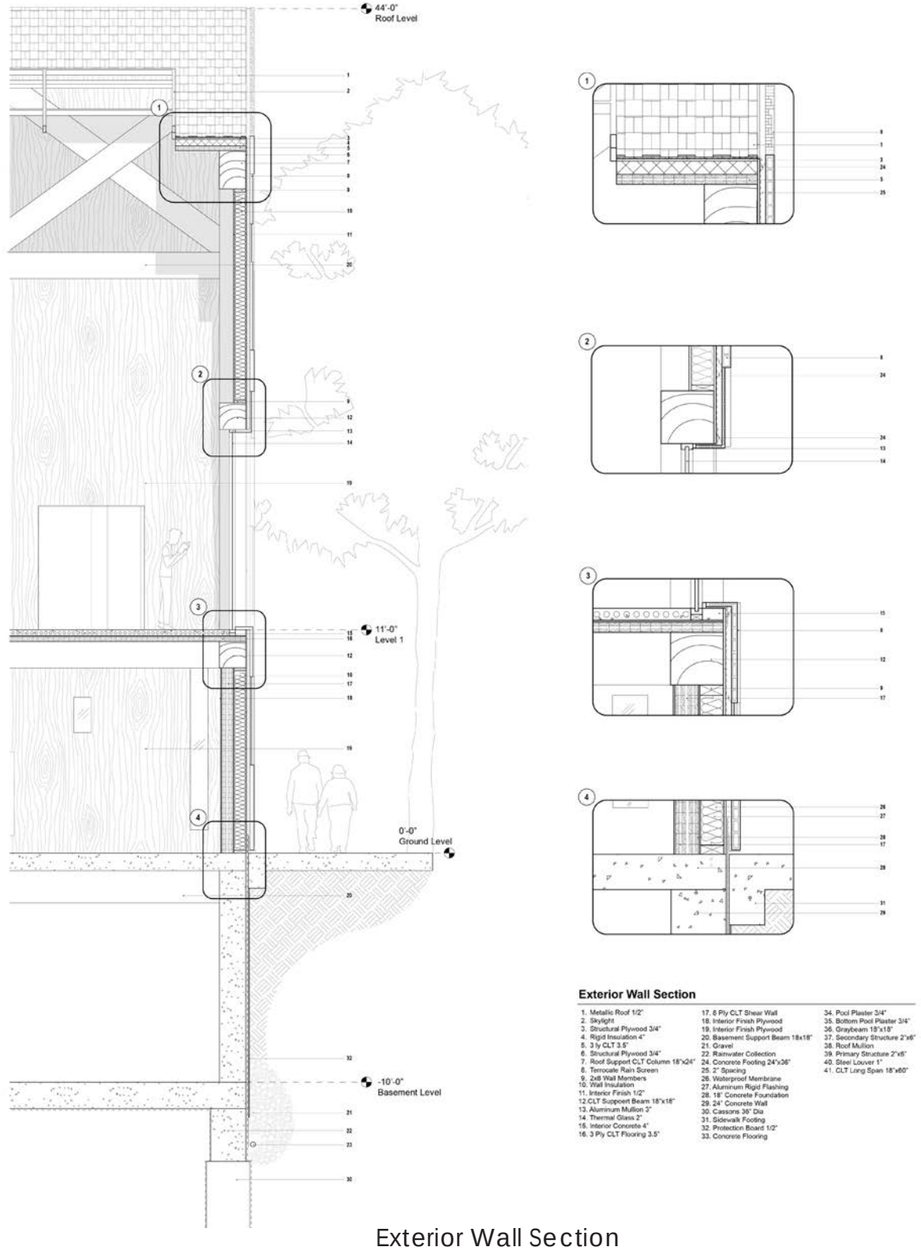
3. The Oakwood Abode



Interior Wall Section

1. Metallic Roof 1/2"
2. Skylight
3. Structural Plywood 3/4"
4. Rigid Insulation 4"
5. 3 ly CLT 3.5"
6. Structural Plywood 3/4"
7. Roof Support CLT Column 18"x24"
8. Terrocate Rain Screen
9. 2x8 Wall Members
10. Wall Insulation
11. Interior Finish 1/2"
12.CLT Support Beam 18"x18"
13. Aluminum Mullion 3"
14. Thermal Glass 2"
15. Thermal Interior Concrete 4"
16. 3 Ply CLT Flooring 3.5"
17. 8 Ply CLT Shear Wall
18. Interior Finish Plywood
19. Interior Finish Plywood
20. Basement Support Beam 18x18"
21. Gravel
22. Rainwater Collection
24. Concrete Footing 24"x36"
25. 2" Spacing
26. Waterproof Membrane
27. Aluminum Rigid Flashing
28. 18" Concrete Foundation
29. 24" Concrete Wall
30. Cassons 36" Dia
31. Sidewalk Footing
32. Protection Board 1/2"
33. Concrete Flooring
34. Pool Plaster 3/4"
35. Bottom Pool Plaster 3/4"
36. Graybeam 18"x18"
37. Secondary Structure 2"x6"
38. Roof Mullion
39. Primary Structure 2"x6"
40. Steel Louver 1"
41. CLT Long Span 18"x60"
42. Wall Cavity
43. Pool

Interior Wall Section



Exterior Wall Section

1. Metallic Roof 1/2"
2. Skylight
3. Structural Plywood 3/4"
4. Rigid Insulation 4"
5. 3 ly CLT 3.5"
6. Structural Plywood 3/4"
7. Roof Support CLT Column 18"x24"
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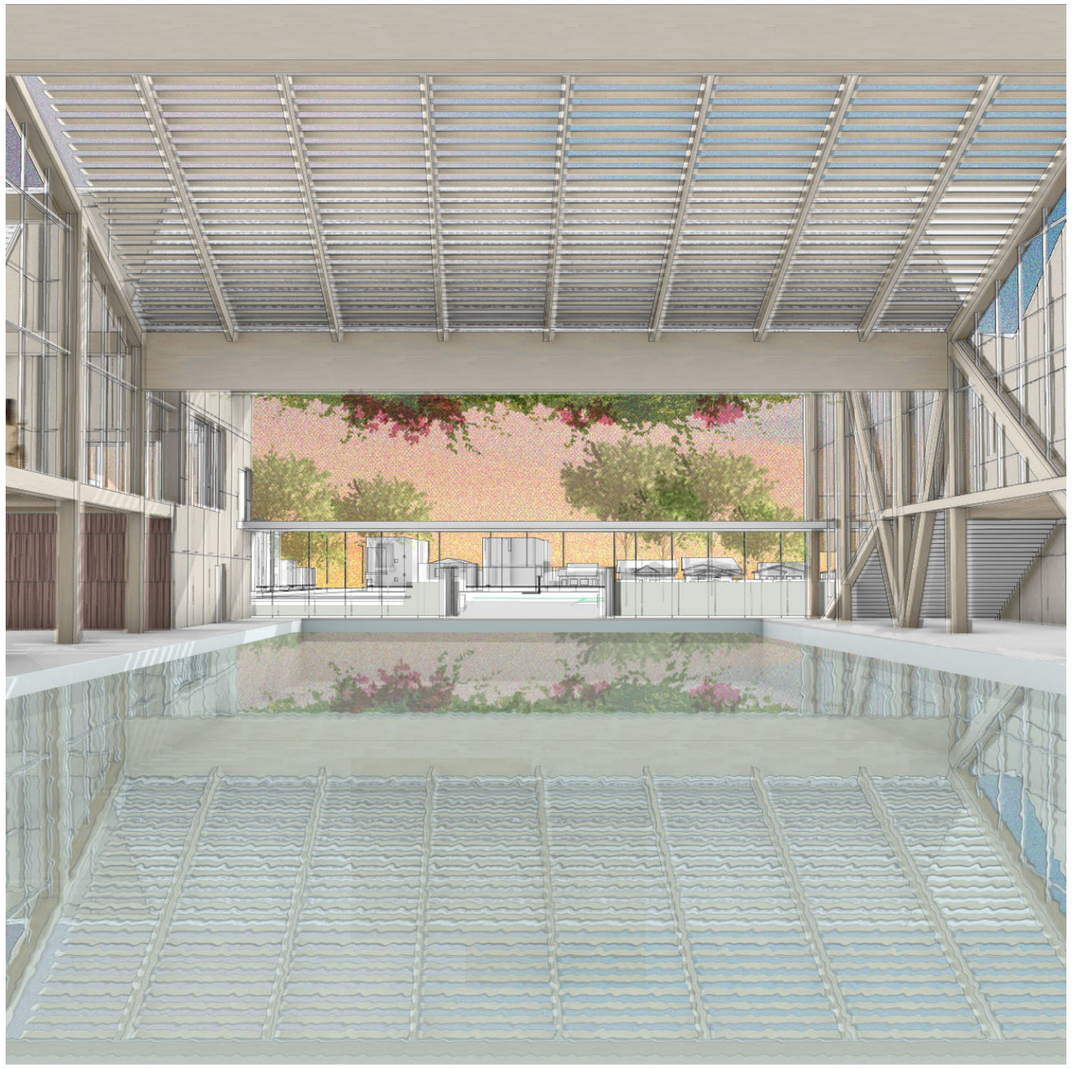
35. Bottom Pool Plaster 3/4"
36. Graybeam 18"x18"
37. Secondary Structure 2"x6"
38. Roof Mullion
39. Primary Structure 2"x6"
40. Steel Louver 1"
41. CLT Long Span 18"x60"

Exterior Wall Section

3. The Oakwood Abode

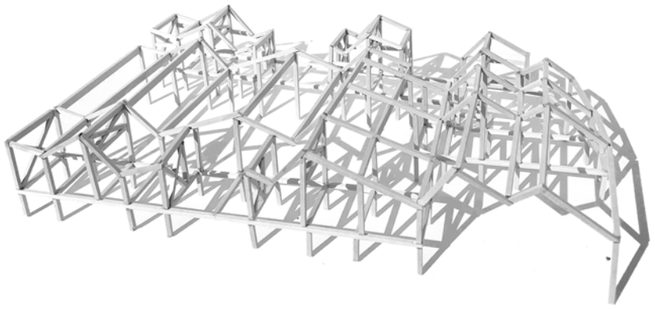


Neighborhood View

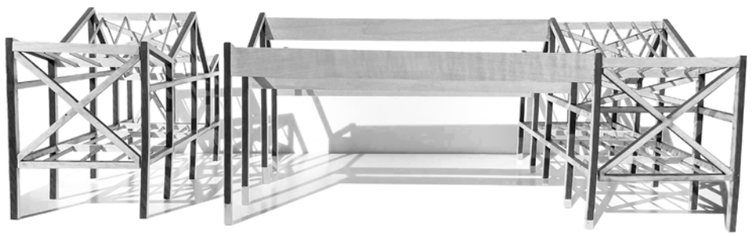


Olympic Interior Pool

3. The Oakwood Abode



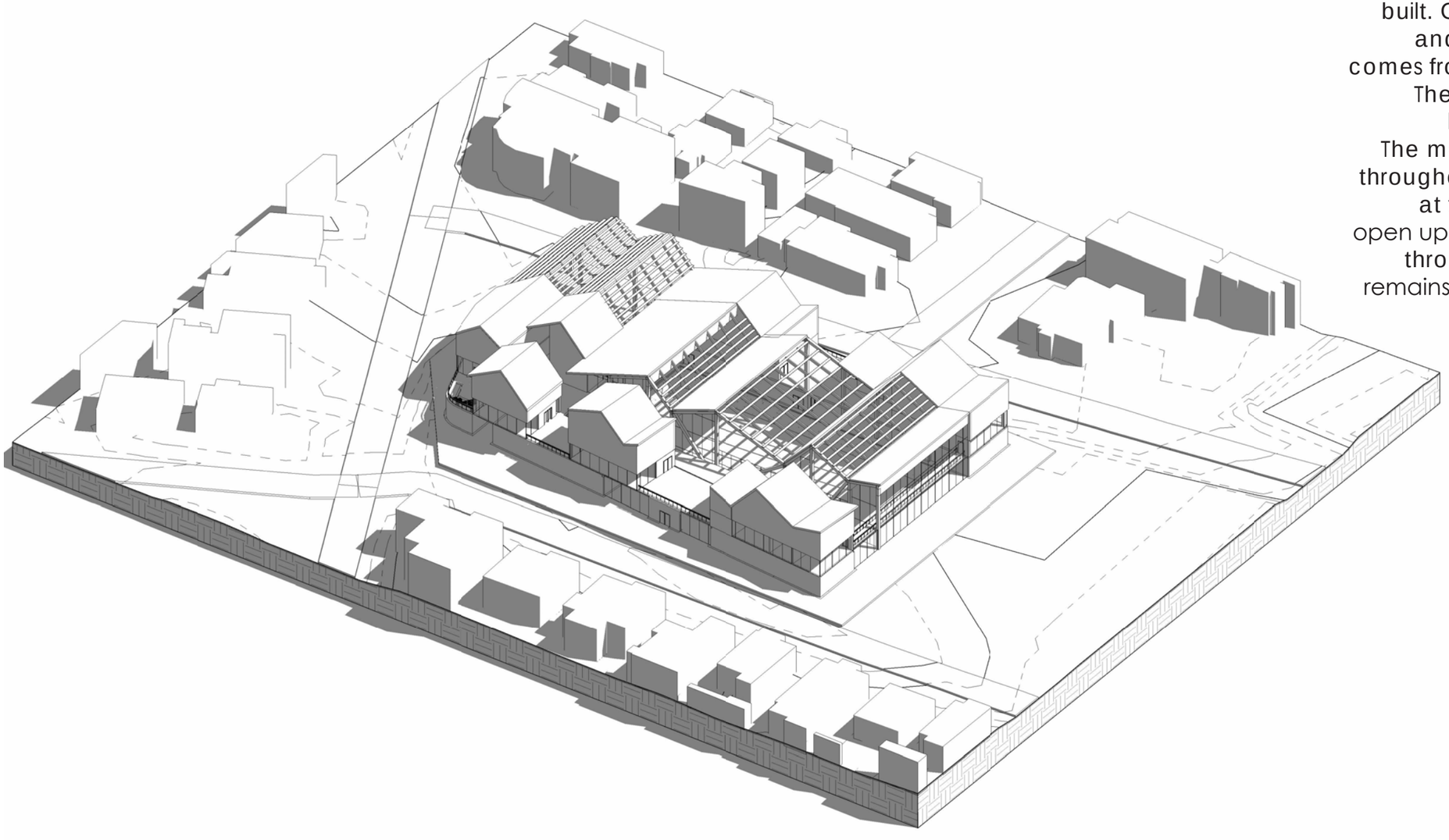
Overall Structural Model



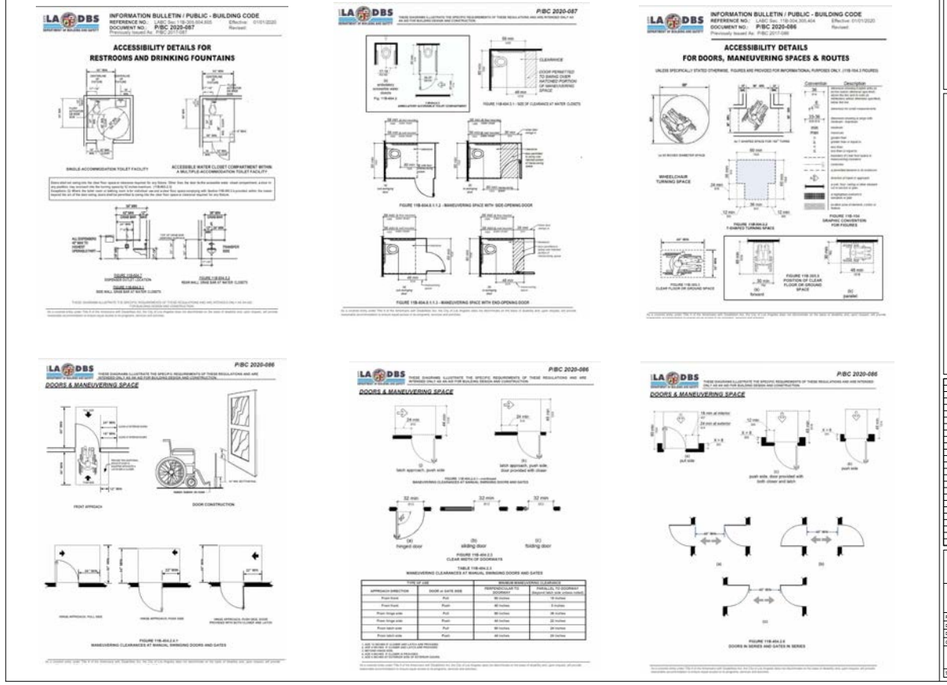
Long Span CLT Beam

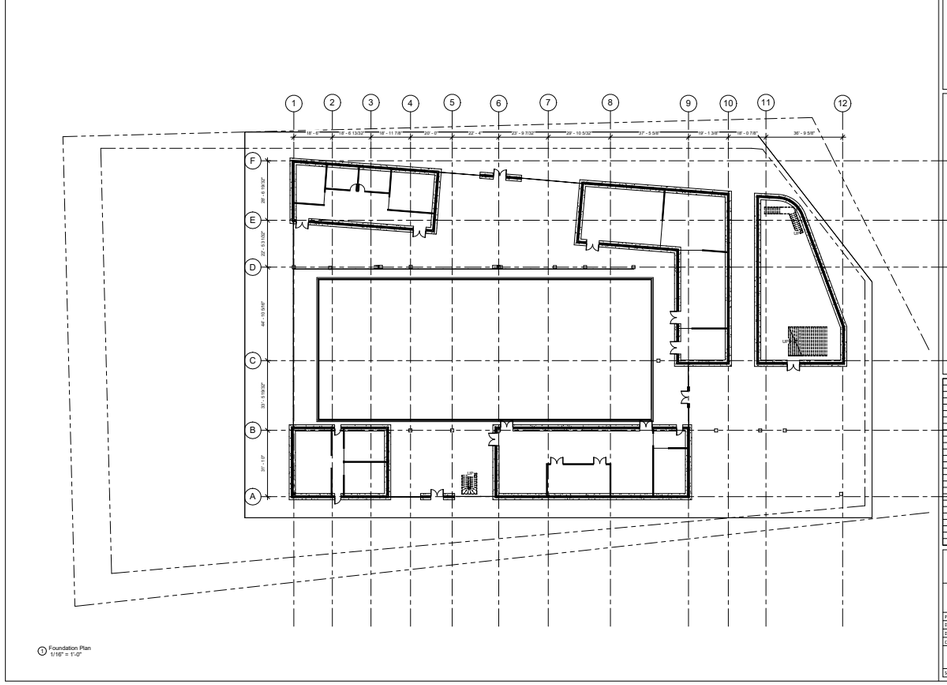
3. The Oakwood Abode

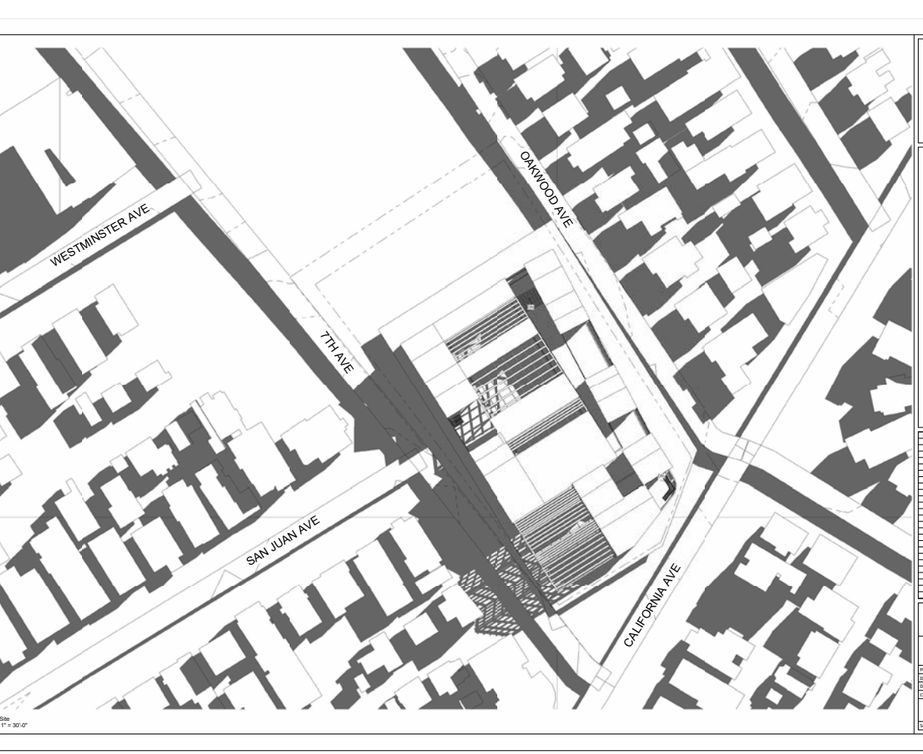
4. The Oakwood Abode Revit Pacakge

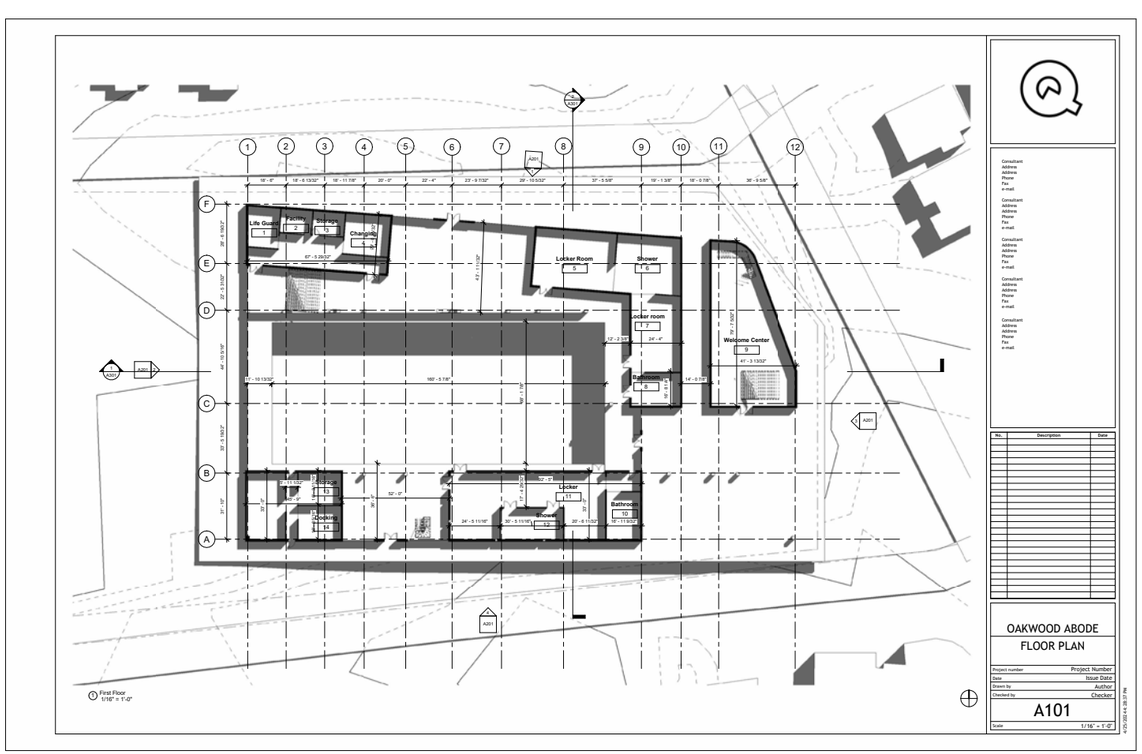


The community of Oakwood, Venice is driven by the community. The city was established between the early 1960's and 70's. Originally, the housing typology was single family, gable roof, bungalow style homes but overtime the housing typology started changing. New homes and different styles of home were being built. Oakwood now has a mix of apartments, single and multi family homes. Therefore, the inspiration comes from the history of the existing home typologies. The gable roofs represent the old bungalow style homes and other landmarks around the area. The main idea for the project was to have openings throughout the design that allow people to look back at the homes that surround the area. Courtyards open up on the second floor and allow air to circulate through the design. The circulation of the projects remains fluent but as people weave in and out of the

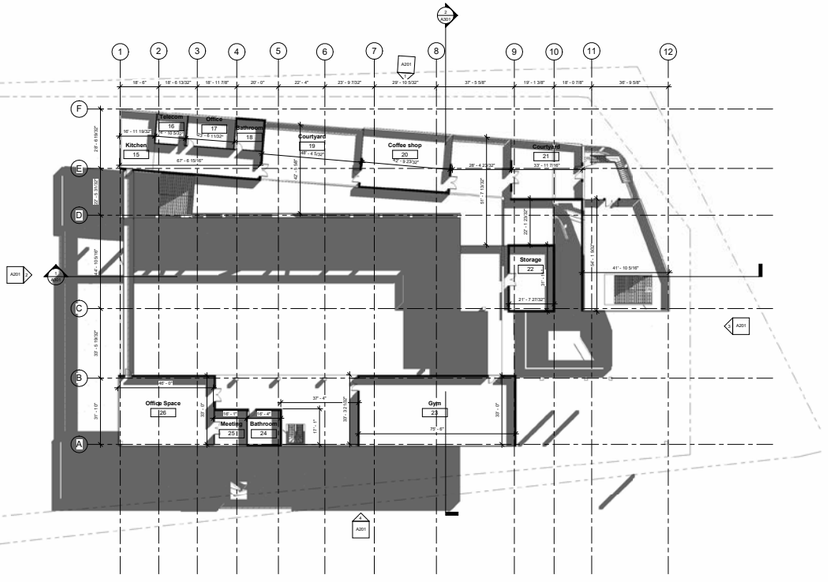








4. The Oakwood Abode Revit Package



1 Second Floor
1/16" = 1'-0"

Consultant
Address
Address
Phone
Fax
e-mail

Consultant
Address
Address
Phone
Fax
e-mail

Consultant
Address
Address
Phone
Fax
e-mail

Consultant
Address
Address
Phone
Fax
e-mail

Consultant
Address
Address
Phone
Fax
e-mail

No.	Description	Date

OAKWOOD ABODE

FLOOR PLAN

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

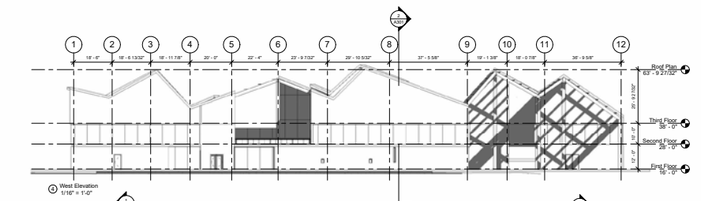
A102

Scale 1/16" = 1'-0"

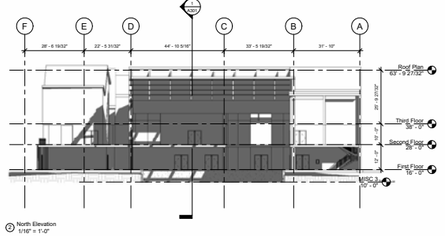
4/21/2024 4:28:38 PM



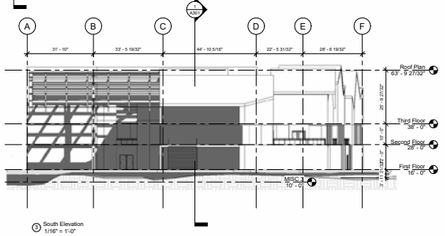
3 East Elevation
1/16" = 1'-0"



4 West Elevation
1/16" = 1'-0"



5 North Elevation
1/16" = 1'-0"



6 South Elevation
1/16" = 1'-0"

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No.	Description	Date

OAKWOOD ABODE

ELEVATIONS

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

A201

Scale 1/16" = 1'-0"

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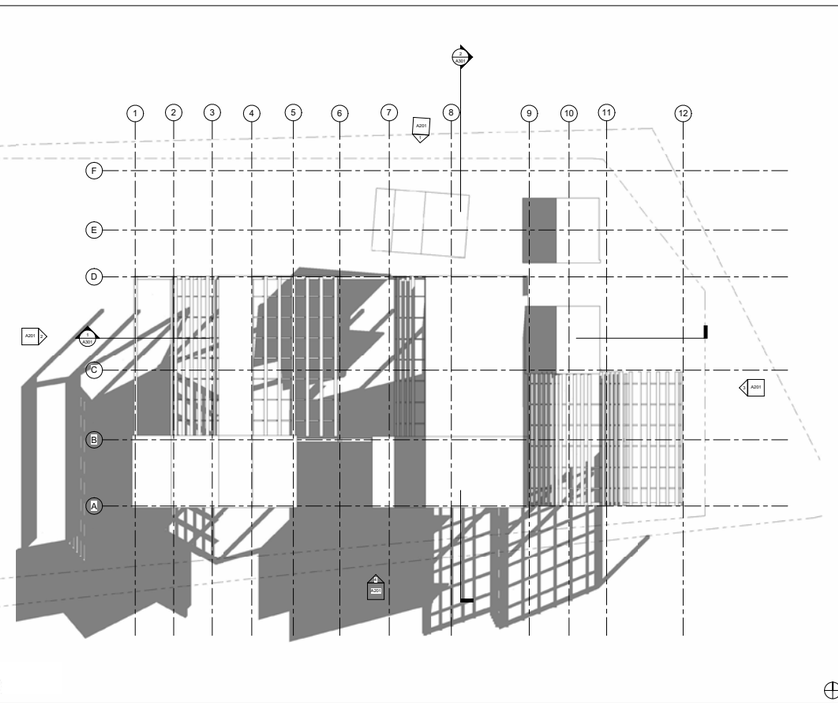

1 Roof Plan
1/16" = 1'-0"

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No.	Description	Date

OAKWOOD ABODE

ROOF PLAN

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

A103

Scale 1/16" = 1'-0"

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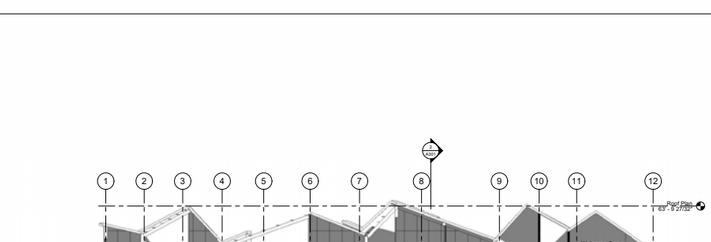
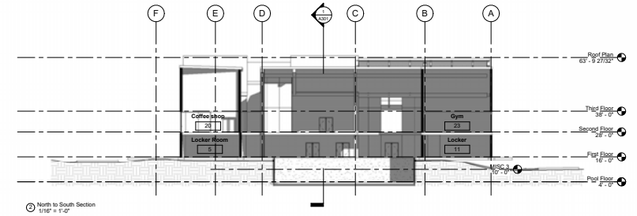


3 East to West Section
1/16" = 1'-0"



4 North to South Section
1/16" = 1'-0"

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No.	Description	Date

OAKWOOD ABODE

SECTIONS

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

A301

Scale 1/16" = 1'-0"

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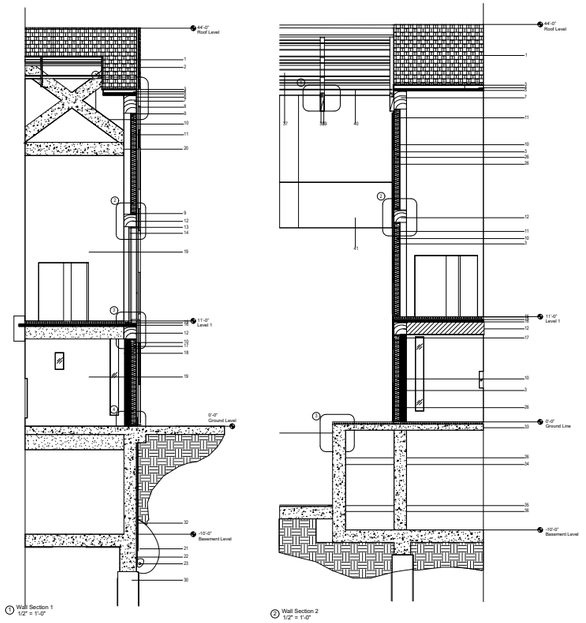
4. The Oakwood Abode Revit Package



1 Wall Section 1
1/2" = 1'-0"

2 Wall Section 2
1/2" = 1'-0"

Interior Wall Section

1. Metallic Roof 1/2"
2. Skylight
3. Structural Plywood 3/4"
4. Rigid Insulation 4"
5. 9 Ply CLT 5.8"
6. Structural Plywood 3/4"
7. Roof Support CLT Column 18"x24"
8. Terracota Rain Screen
9. 2x8 Wall Members
10. Wall Insulation
11. Interior Finish 1/2"
12.CLT Support Beam 18"x18"
13. Aluminum Mullion 3"
14. Thermal Glass 2"
15. Thermal Interior Concrete 4"
16. 3 Ply CLT Flooring 3.5"
17. 8 Ply CLT Shear Wall
18. Interior Finish Plywood
19. Interior Finish Plywood
20. Basement Support Beam 18x18
21. Gravel
22. Rainwater Collection
24. Concrete Footing 24"x36"
25. 2" Spacing
26. Waterproof Membrane
27. Aluminum Rigid Flashing
28. 18" Concrete Foundation
29. 24" Concrete Wall
30. Cassons 36" Dia
31. Sidewalk Footing
32. Protection Board 1/2"
33. Concrete Flooring
34. Pool Plaster 3/4"
35. Bottom Pool Plaster 3/4"
36. Graybeam 18"x18"
37. Secondary Structure 2"x6"
38. Roof Mullion
39. Primary Structure 2"x6"
40. Steel Louver 1"
41. CLT Long Span 18"x60"
42. Wall Cavity
43. Pool

3 TEXT
3/4" = 1'-0"

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No.	Description	Date

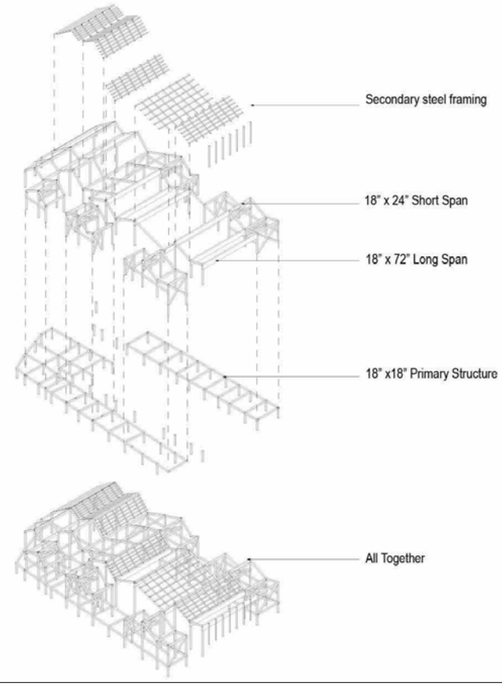
OAKWOOD ABODE

WALL SECTIONS

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

A401

Scale: As indicated



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OAKWOOD ABODE

STRUCTURE MODEL

Project number	Project Number
Date	Issue Date
Drawn by	Author
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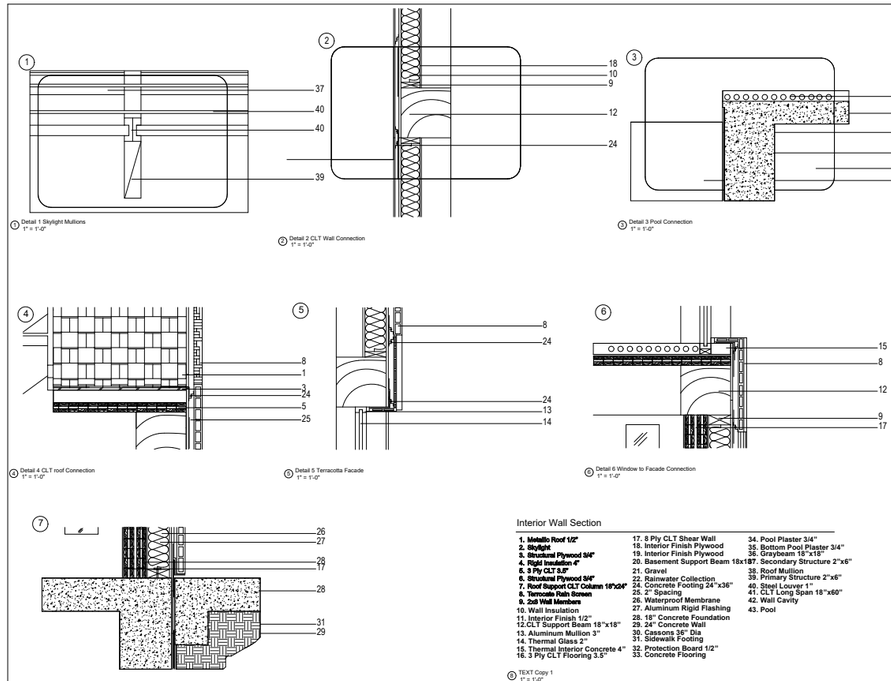
A503

Scale



1 Detail 1 Skylight Mullions
1" = 1'-0"

2 Detail 2 CLT Wall Connection
1" = 1'-0"

3 Detail 3 Pool Connection
1" = 1'-0"

4 Detail 4 CLT roof Connection
1" = 1'-0"

5 Detail 5 Terracotta Facade
1" = 1'-0"

6 Detail 6 Window to Facade Connection
1" = 1'-0"

7 Detail 7 Ground Connection
1" = 1'-0"

Interior Wall Section

1. Metallic Roof 1/2"
2. Skylight
3. Structural Plywood 3/4"
4. Rigid Insulation 4"
5. 9 Ply CLT 5.8"
6. Structural Plywood 3/4"
7. Roof Support CLT Column 18"x24"
8. Terracota Rain Screen
9. 2x8 Wall Members
10. Wall Insulation
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15. Thermal Interior Concrete 4"
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17. 8 Ply CLT Shear Wall
18. Interior Finish Plywood
19. Interior Finish Plywood
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29. 24" Concrete Wall
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35. Bottom Pool Plaster 3/4"
36. Graybeam 18"x18"
37. Secondary Structure 2"x6"
38. Roof Mullion
39. Primary Structure 2"x6"
40. Steel Louver 1"
41. CLT Long Span 18"x60"
42. Wall Cavity
43. Pool

8 TEXT Copy 1
1" = 1'-0"

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No.	Description	Date

OAKWOOD ABODE

DETAILS

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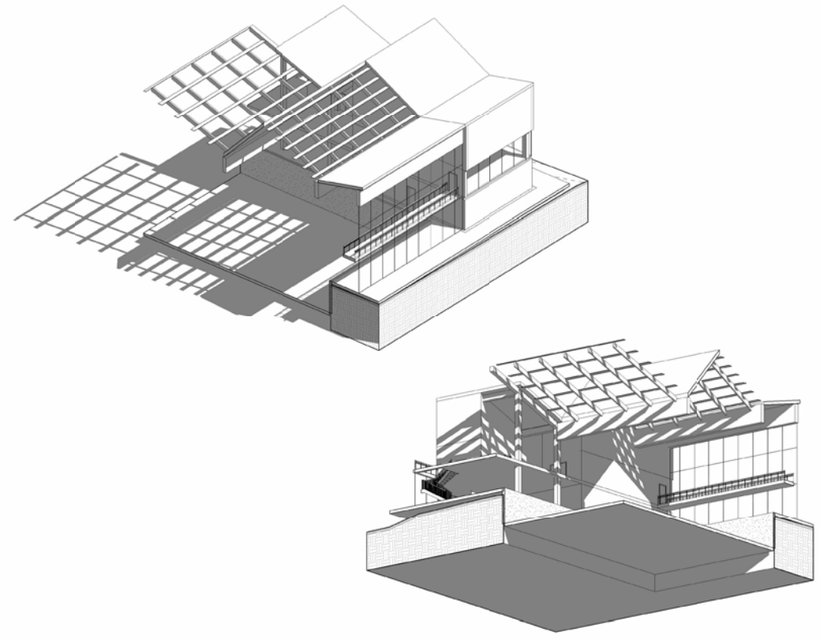
Date	Issue Date
Drawn by	Author
Checked by	Checker

A501

Scale: 1" = 1'-0"



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No.	Description	Date

OAKWOOD ABODE

3D CHUNK

Project number	Project Number
Date	Issue Date
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A901

Scale

4. The Oakwood Abode Revit Package



Thanks to my
Family, Friends, and Mentors
for making this possible
-Tony