Portfolio

Zachary Rugenstein

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zachrugenstein@gmail.com

Address

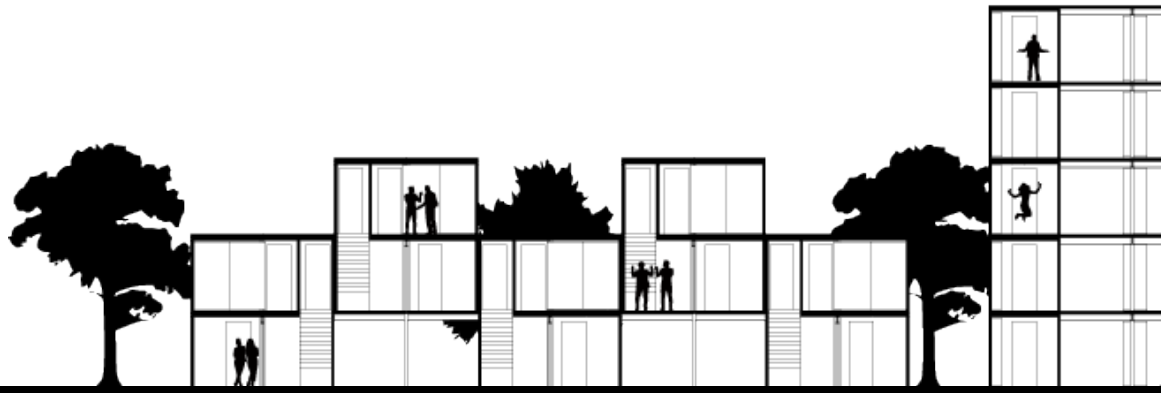
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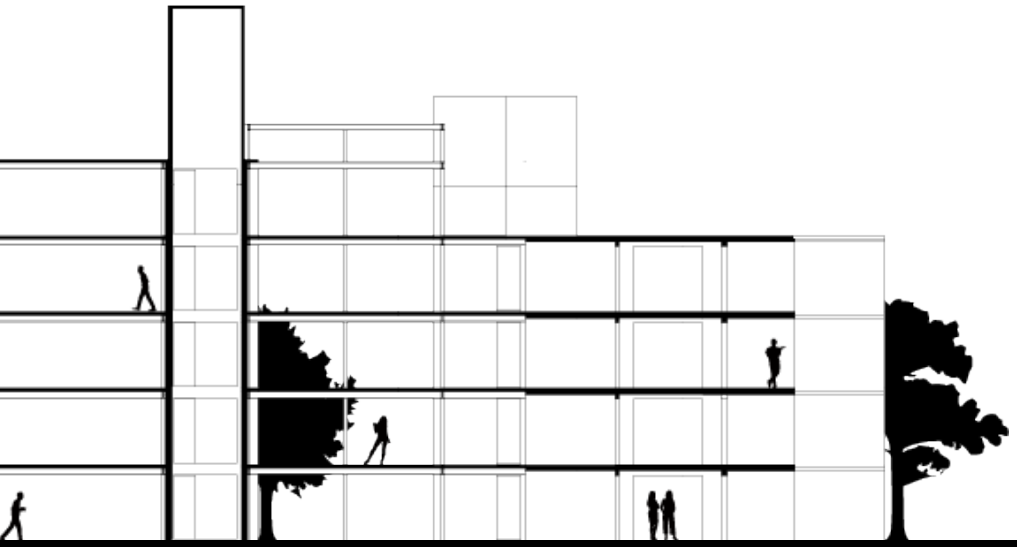
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design by





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About Me

Zachary Rugenstein is a highly motivated individual with a lifelong passion for architecture. Since the age of five, he has had a clear vision of pursuing architecture as a career and has devoted his academic studies toward becoming a licensed architect.

Zachary is an active member of the Lawrence Technological University chapter of the National Organization of Minority Architecture Students (NOMAS), where he currently serves as Vice President. He is also a member of the Lawrence Tech chapter of the American Institute of Architecture Students (AIAS). He enjoys challenging design work and draws significant inspiration from architect Frank Gehry, whose innovative and expressive designs he greatly admires.

Ultimately, Zachary aspires to own his own architectural firm and is deeply determined to achieve this goal. Architecture is his true passion, and he is confident that he has found his calling—something not everyone is fortunate enough to discover.



Education

Associates of Arts
May 2023 Macomb Community College

Bachelors of Architecture
(ex) May 2027 Lawrence Tech

Masters of Architecture
(ex) Aug. 2028 Lawrence Tech

Achievements

Deans List
Fall 2024 Lawrence Tech

Organizations

NOMAS @ LTU
2025-present Vice President

AIAS @ LTU
2023-present Member

Skills

Design 90%

Research 90%

Critical Thinking 90%

Programs

Rhino 75%

Revit 85%

Adobe Suite 75%

Work Experience

Temo Sunrooms
2019-present AutoCAD Specialist

References

JANICE GRANT,AIA
(586) 344-6472 Instructor

STEVEN SALTER, SR
(586) 823-9510 Colleague

VEDA ROBERTS
(586) 344-9676 Former Manager

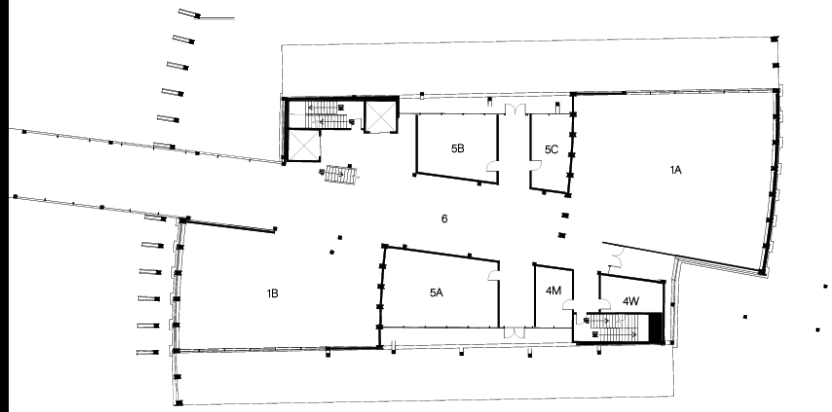
LUAY ESHO, PE
(248) 798-0694 AXP Supervisor



Project no: 01
Sugar Hill MOCAD Center

The Sugar Dill MOCAD center is a multi purpose learning center and additional gallery space for the MOCAD (museum of contemporary art detroit). Comprised of two mirrored wedge shaped masses, enclosing a centralized circulation space (The Atrium, see no 6 on the plan).

MOCAD



GROUND FLOOR

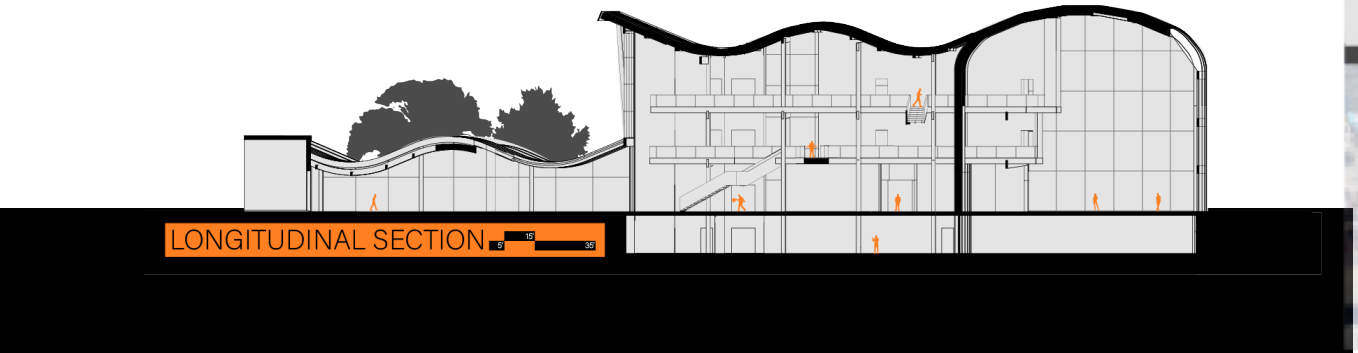
New Ideas

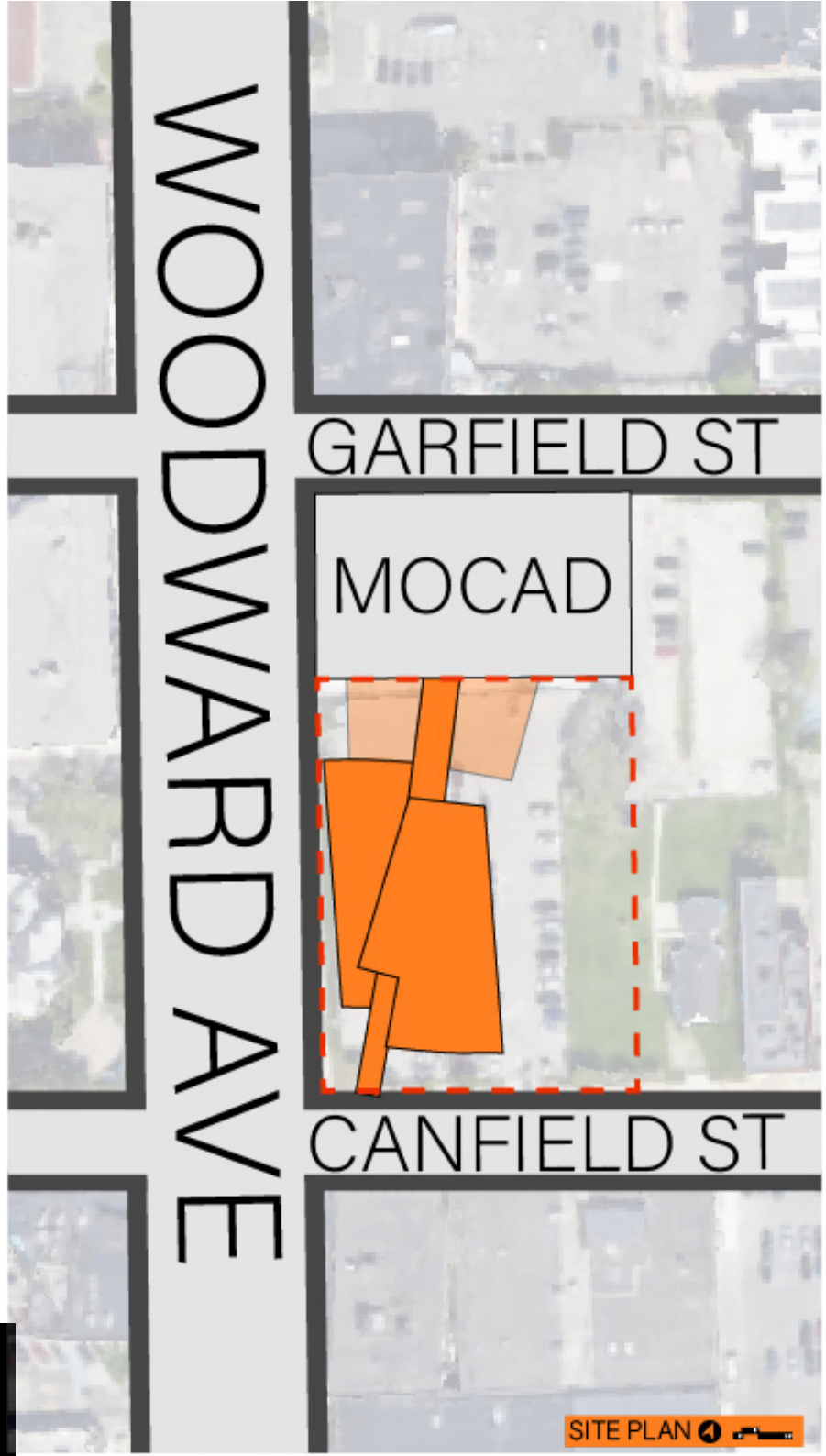
This project was part of the integrated design 3 studio. This studio highly focused on structure, and building systems. the building can generate 200,000 KWh's of energy through pv tiles built into the facade of the building.



Site

Sitting at the corner of Woodward, and Canfield. the orientation of the building creates a large green space at the rear of the building. this public greenspace is really lacking in this part of midtown.

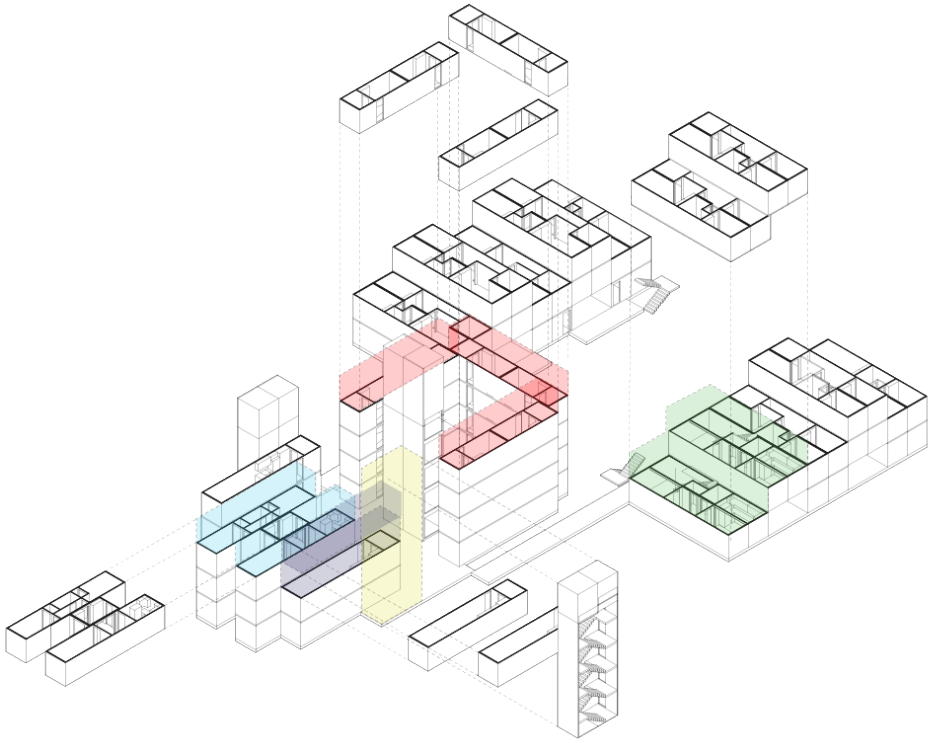




Project no : 02

The Womb

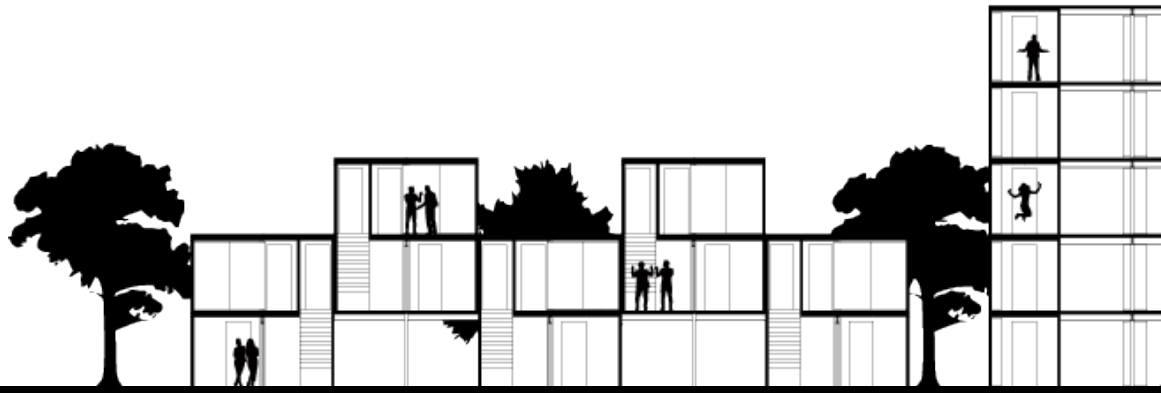
The Womb is more than a building, it is a community for LGBT+ indivuduals who have been either disowned or fallen on hard times. being fabricated out of shipping containers, it allows the units to be affordable, and highly mass produce-able. in my reaearch, i found that nearly 40% of the homeless community are in the LGBT, and out of LGBT as a whole, 28% have experienced housing instability or homelessness in their life.



New Ideas

The Womb was the first assignment in the Integrated Design 4 studio, it introduced housing for the first time.

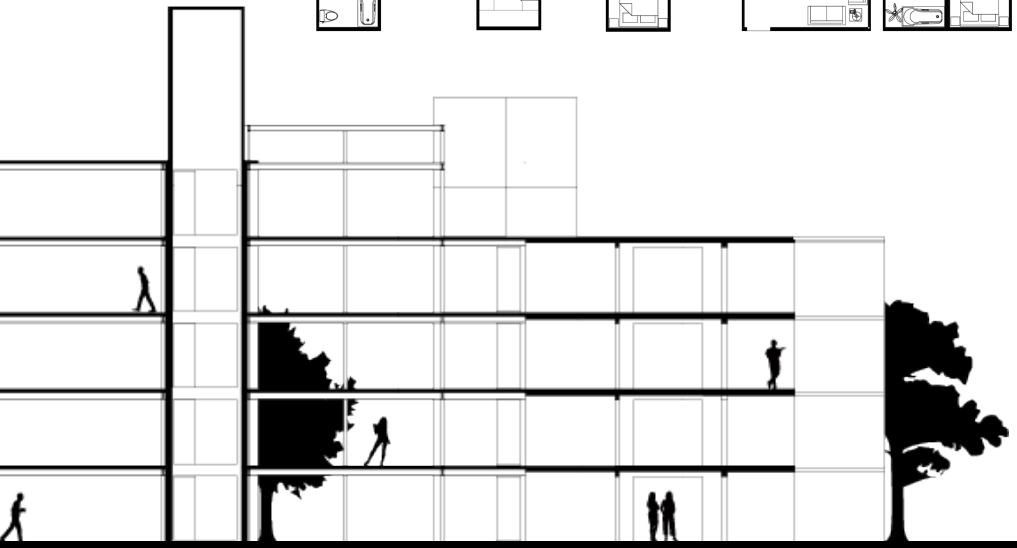
Separate from the studio course, this was a chance to realle do a deep dive into a major social/political issue that the world has.

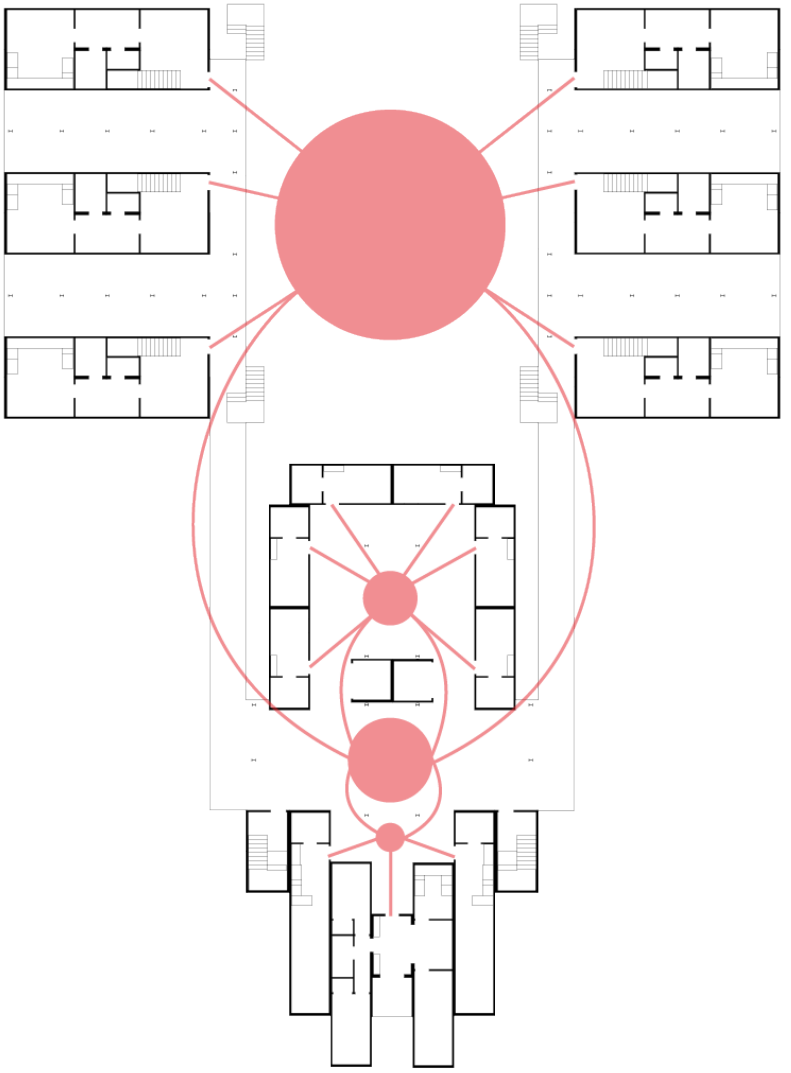


the nodes

The complex itself, is comprised of 4 social nodes. all varying in size. the largest of the nodes (in red) is meant to be a shared courtyard for the townhomes, and the adjacent tower. The nodes within the tower are meant for smaller social gathering/ activities to take place.



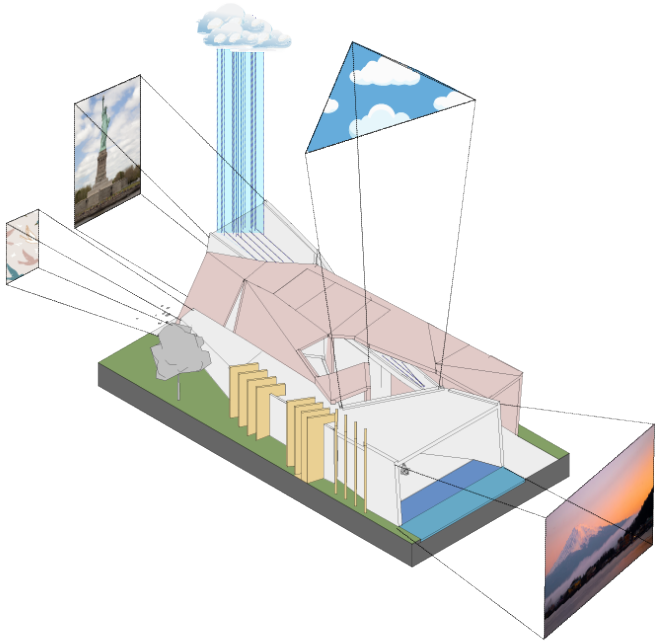




Project no : 03

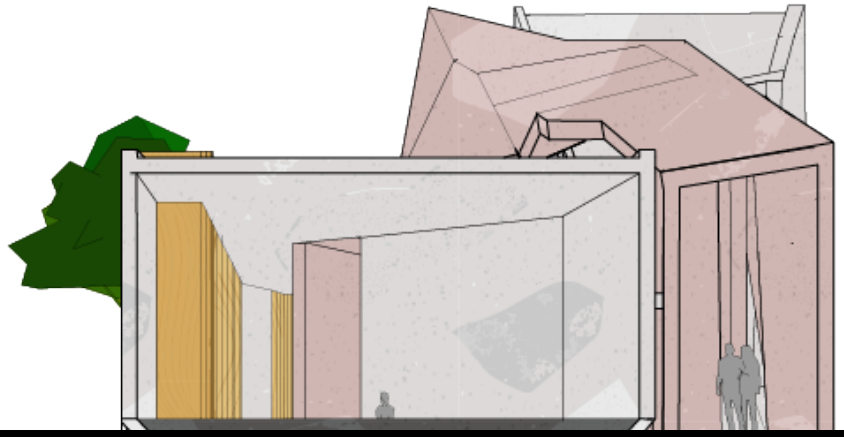
Conical Vision Pavilion

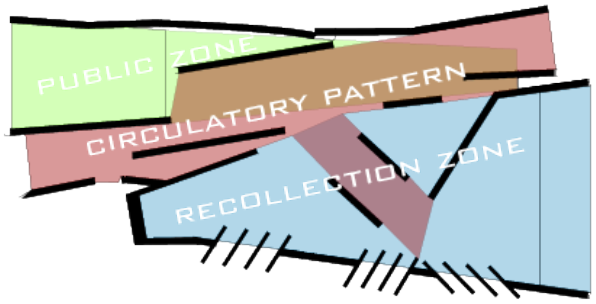
The project had a figurative site, i was tasked with creating a hypothetical structure that invokes senses. Space to view mount Fuji to the west, isten to birds chirping, view the clouds/ sky, listen to the rain falling, and see the statue of liberty to the east. i began with a box which I pinched, pulled and split into two cones, wrapped in the center by a large red concrete canopy.

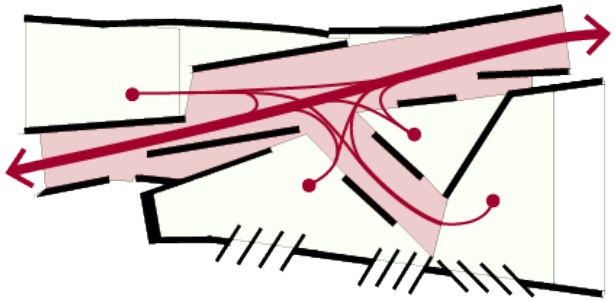


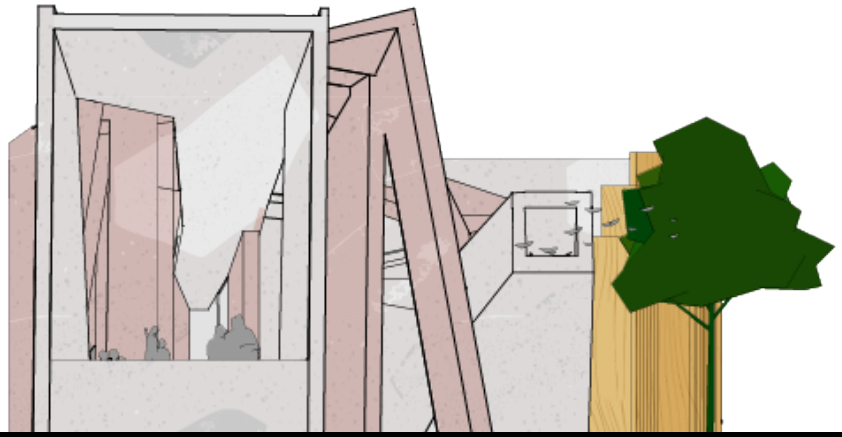
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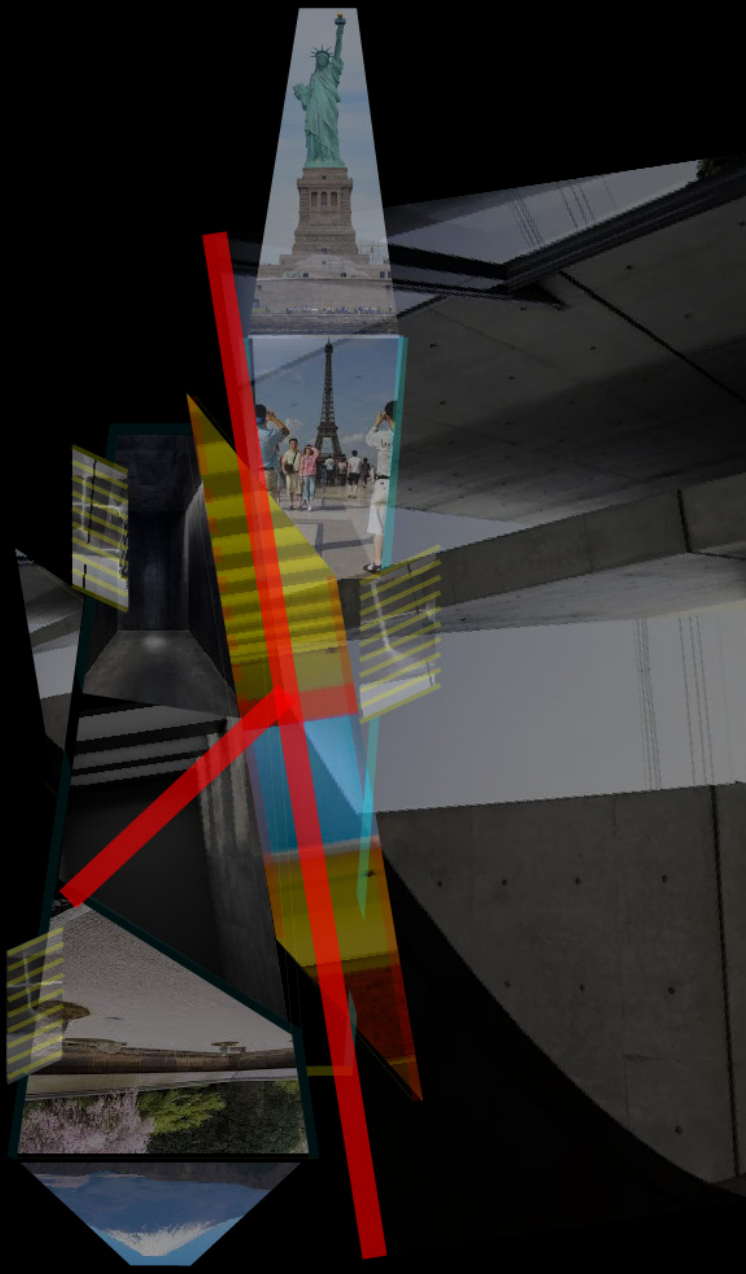
Playing with senses, and working with circulation and public vs private spaces. this was part of the integrated design 2 class. Studying materials, Senses, and interio human experiences.




PUBLIC ZONE
CIRCULATORY PATTERN
RECOLLECTION ZONE







Project no : 04
Belle Isle Boat House and Black Box

The Belle Isle Boat House and Black Box is a conceptual community based addition to belle isle. intended to create a new micro waterfront along the lake in belle isle. the black box theater acts as an indoor outdoor theater on the waterfront. patrons can boat up on kyaks and canoes and watch a production from the water in the summer months, or spead out and set up a picnic on the side lawn. or in the winter months, patrons can sit on either black box level or mezzanine level for a comfortable heated viewing or listening experience.

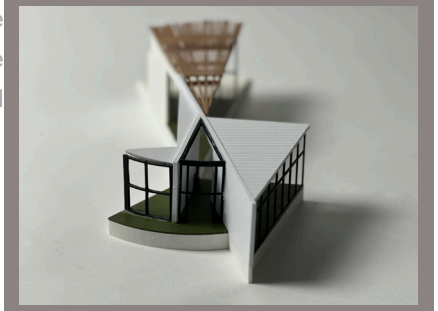


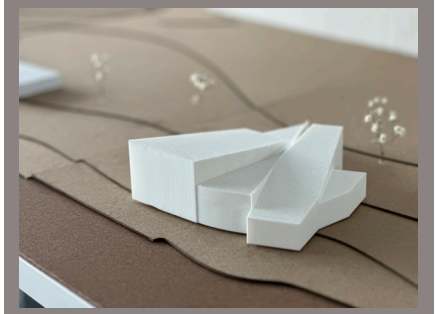
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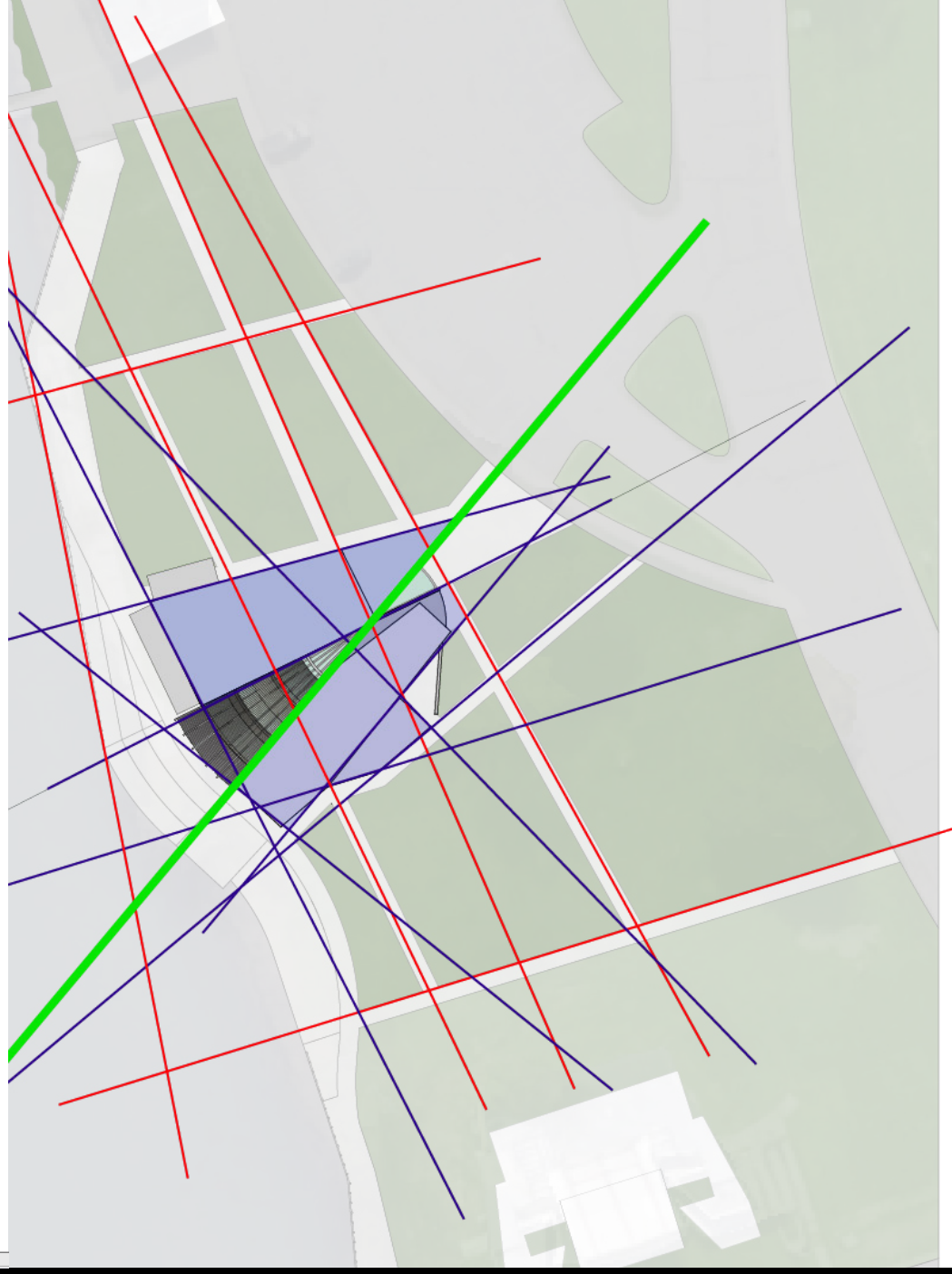
This project was the second study in materiality, tying in many existing materials on belle isle, including the green marble in the aquarium.

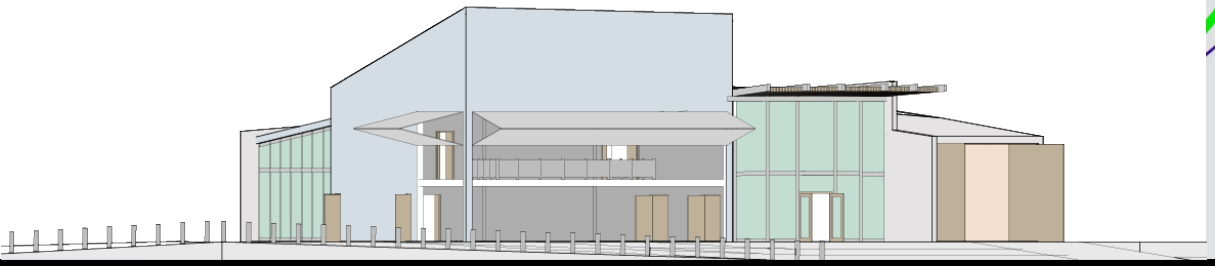


Sectional model created to show the atrium in more context. a large louvered bries solei roof shades the interior of the atrium while still allowing ample heat and sun light to enter the space.









Thank You

