

AYAT HAMIDE

GRADUATE PORTFOLIO

2025

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Eduction

Masters in archiecture (loading)
Bachelors of Science in Architectural & Civil Engineering
Associate in Science

Skills and Software

Rhino 7 (Modeling)
Sketchup (Modeling)
AutoCad (Modeling)
Grasshopper (Modeling)
Vray (Rendering)
Revit (Design+Data analysis+Project manament)
Adobe illustrator, Photoshop, Indesgin
Microsoft Project (Project management)
Microsoft Word, Excel, Powepoint (Documentation)

Architecture, for me, is both a discipline and a lens—a way of constructing, questioning, and redefining the world. My foundation in engineering instilled precision, but it was my passion for design that pushed me beyond structure into speculation, theory, and the social consequences of space. I have learned that architecture is never neutral; it can build communities or fracture them, create opportunities or reinforce boundaries. At Pratt, my perspective expanded through diverse influences. James Garrison emphasized sustainability and the power of strategic exceptions. Gary Bates introduced me to the radical possibilities of theory, where limits exist only to be tested. Now, with Jonas Coersmeier, I explore the intersection of design, speculation, and AI, where architecture is no longer just a response to the present but a tool for shaping the future. My journey has been defined by curiosity, critical thinking, and the belief that architecture is more than the built environment—it is an evolving dialogue between humanity, nature, and technology. Through this, I have come to see design not just as a process, but as an act of continuous discovery.



Studio II Spring 2023



Structure Spring 2023



Mediums Spring 2023



Studio III Fall 2023



Studio III Fall 2023



Studio IV Spring 2024



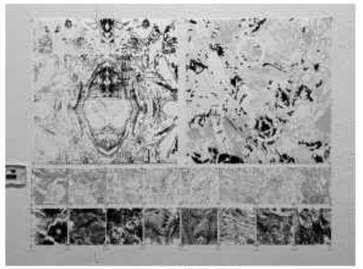
Studio V Fall 2024



Studio V Fall 2024



Studio V Fall 2024



Studio VI Fall 2025 **In Progress**



Studio VI Spring 2025 Material Experimintation

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1 Blended Realities

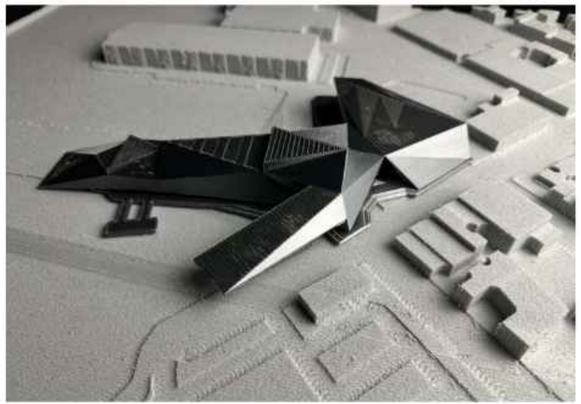
ARCH 704 (Design Studio IV) Spring 2024

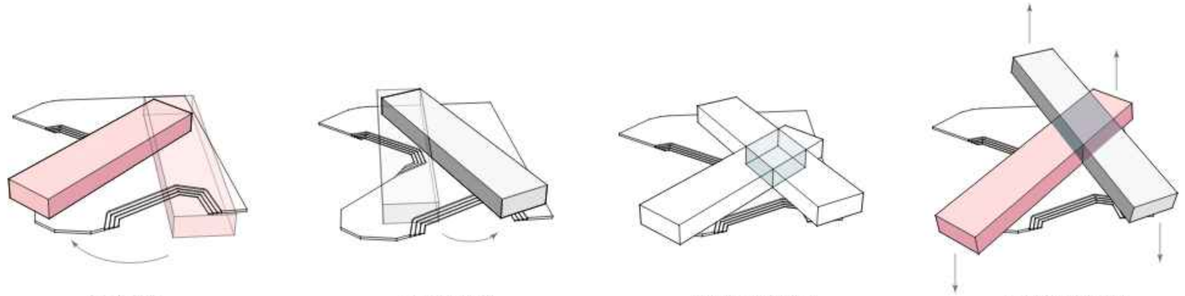
Instructor: Landon Brown

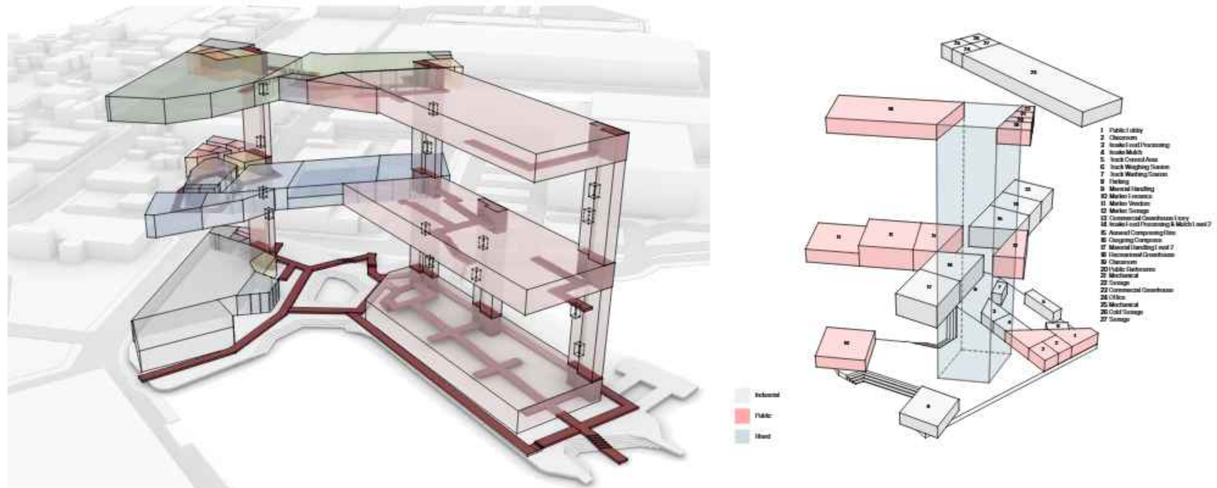
This project rethinks how infrastructure can serve both the city and its people—blurring the lines between functionality, sustainability, and community engagement. The waterfront isn't just a physical boundary; it becomes an opportunity to introduce new typologies that foster gathering, education, and self sufficiency.

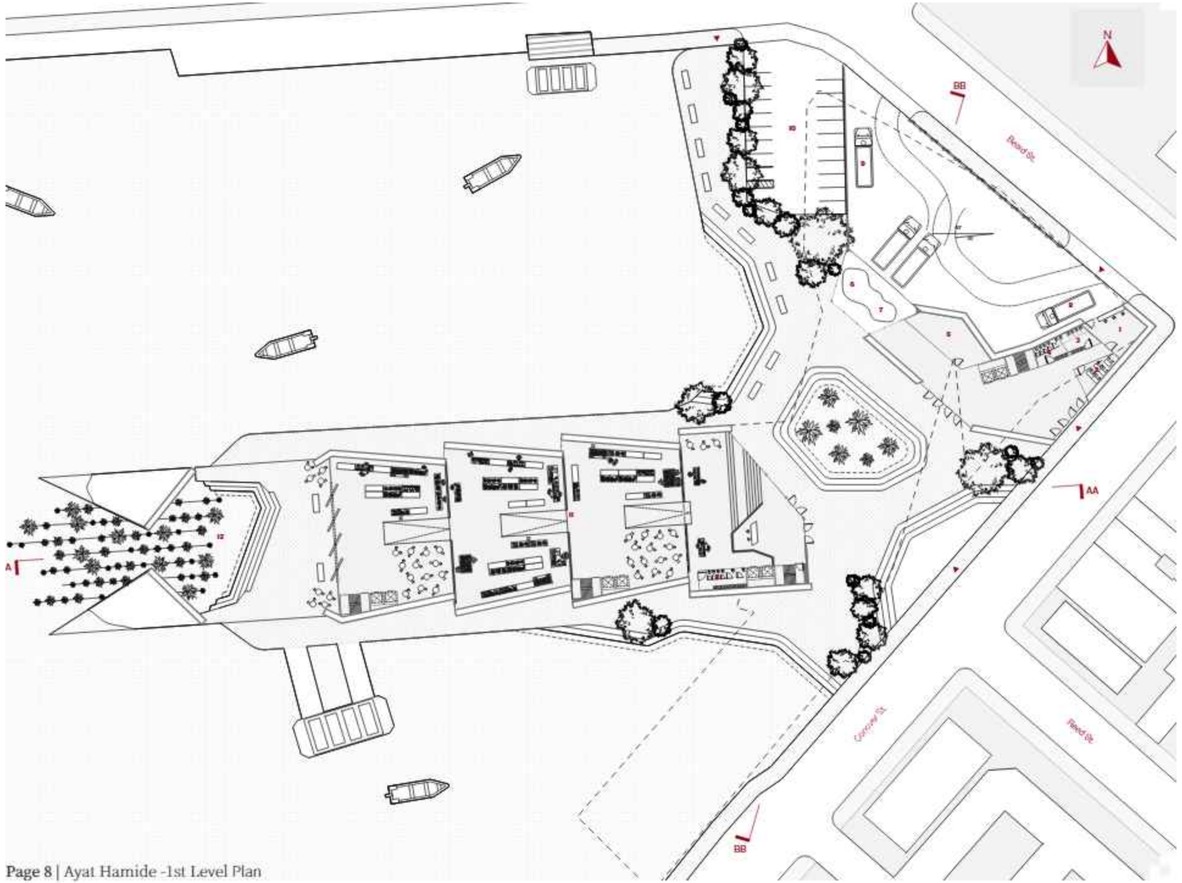
The design integrates systems like food and water waste management, greenhouses, and community farming, all working together to create a closed-loop network. Markets, educational spaces, and workshops activate the site, encouraging interaction and resource sharing. The goal is to build a self-sustaining ecosystem that not only supports Red Hook's residents but also strengthens the relationship between urban life and environmental responsibility.

Through this process, infrastructure is explored as more than just a backdrop—it becomes active, adaptive, and a catalyst for positive change.



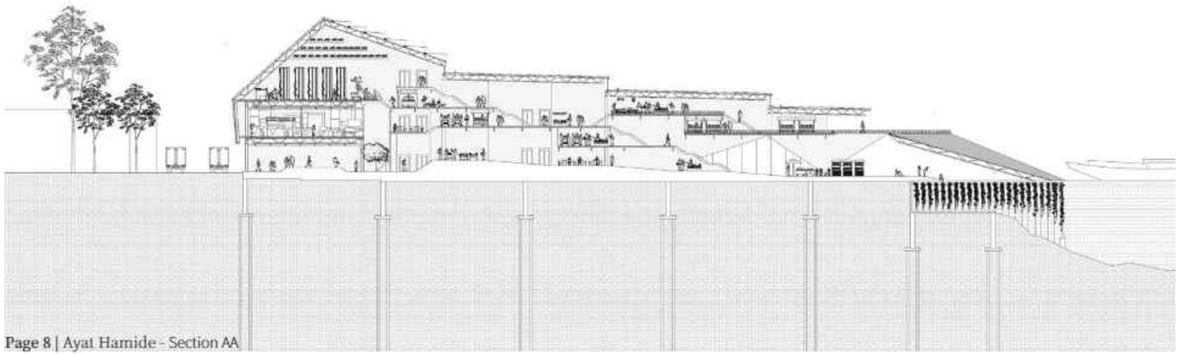




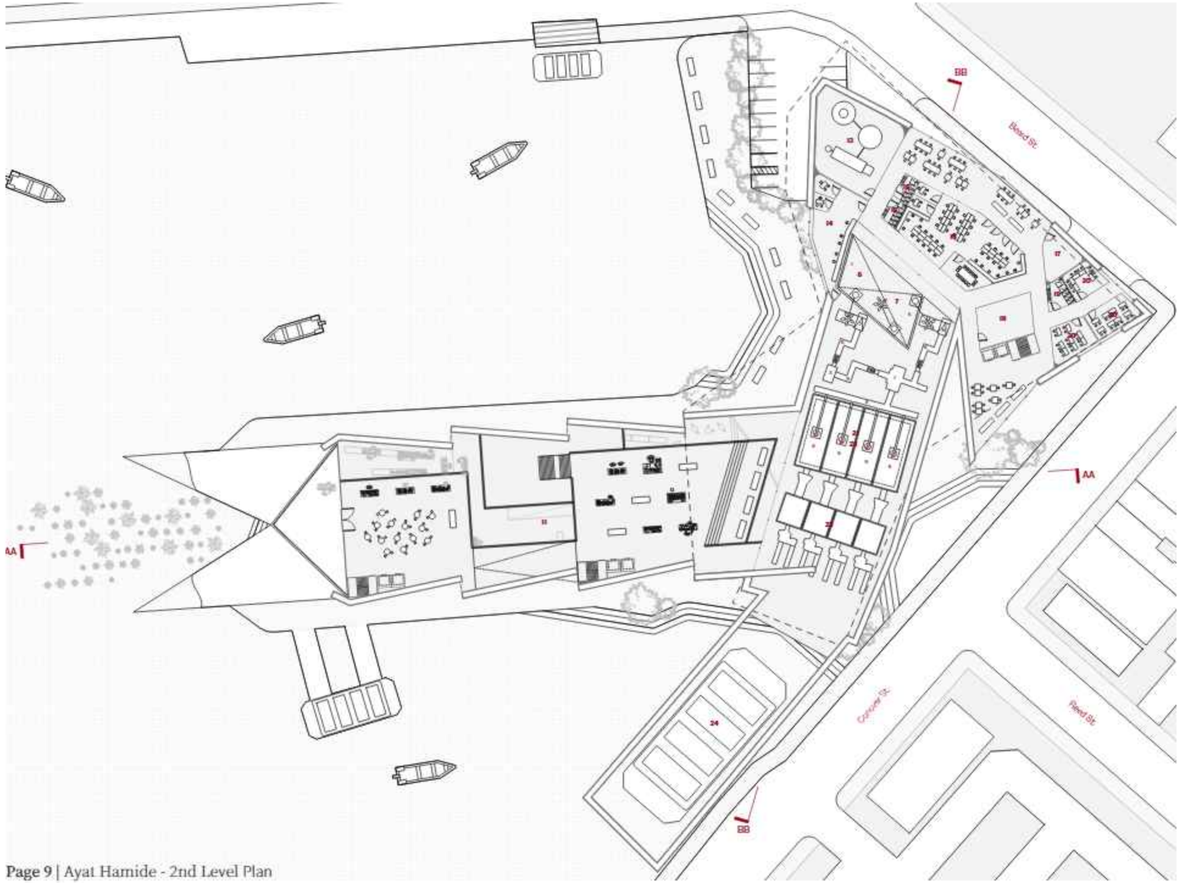


Page 8 | Ayat Hamide -1st Level Plan

1. Control Room
2. Classroom
3. Public Restroom
4. Staff Restroom
5. Mechanical Room
6. Intake Food Processing
7. Intake Mulch
8. Truck Weighing Station
9. Truck Washing Station
10. Employee Parking
11. Market
12. Kelp Farm
13. Greywater Recycling Room
14. Monitor Room
15. Staff Restrooms
16. Office
17. Storage
18. Mechanical Room
19. Public Restrooms
20. Classrooms
21. Aerated Composting Bins
22. Air Extraction & Cleaning
23. Composte Bagging
24. Material Handling
25. Industrial Greenhouse
26. Storage
27. Locked/Cold Storage
28. Mechanical Room
29. Office
30. Public Greenhouse
31. Classroom
32. Public Restrooms
33. Mechanical Room
34. Staff Kitchen
35. Storage

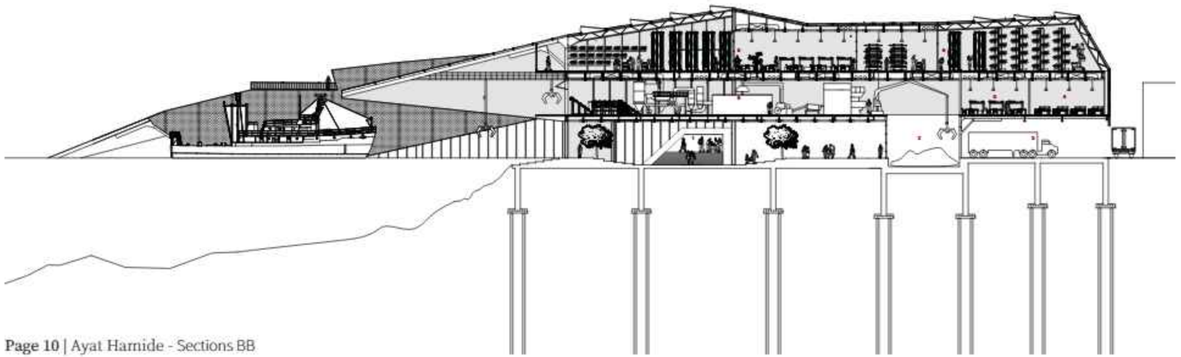


Page 8 | Ayat Hamide - Section AA

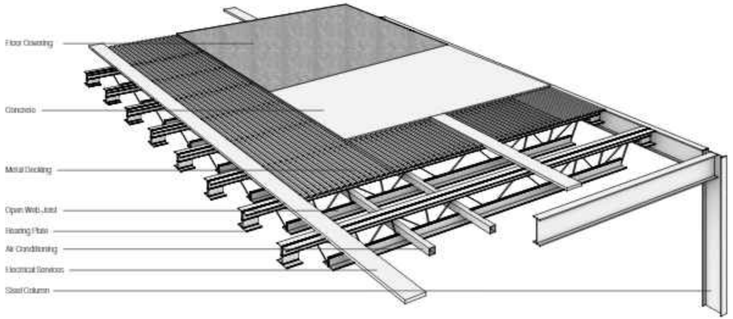


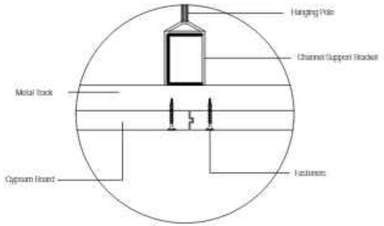
Page 9 | Ayat Hamide - 2nd Level Plan

1. Control Room
2. Classroom
3. Public Restroom
4. Staff Restroom
5. Mechanical Room
6. Intake Food Processing
7. Intake Mulch
8. Truck Weighing Station
9. Truck Washing Station
10. Employee Parking
11. Market
12. Kelp Farm
13. Greywater Recycling Room
14. Monitor Room
15. Staff Restrooms
16. Office
17. Storage
18. Mechanical Room
19. Public Restrooms
20. Classrooms
21. Aerated Composting Bins
22. Air Extraction & Cleaning
23. Composte Bagging
24. Material Handling
25. Industrial Greenhouse
26. Storage
27. Locked/Cold Storage
28. Mechanical Room
29. Office
30. Public Greenhouse
31. Classroom
32. Public Restrooms
33. Mechanical Room
34. Staff Kitchen
35. Storage

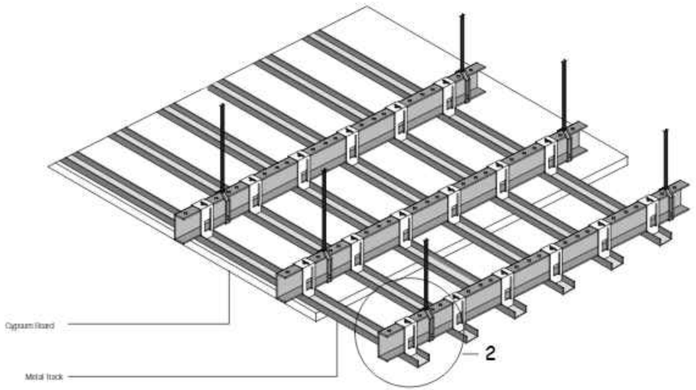


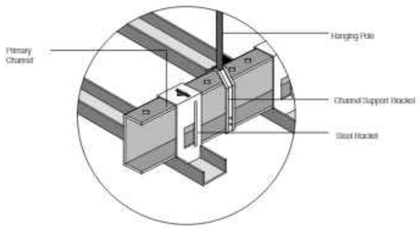
Page 10 | Ayat Hamide - Sections BB



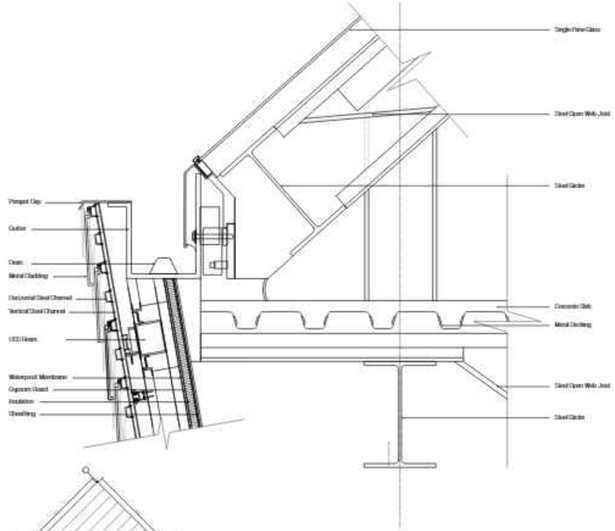


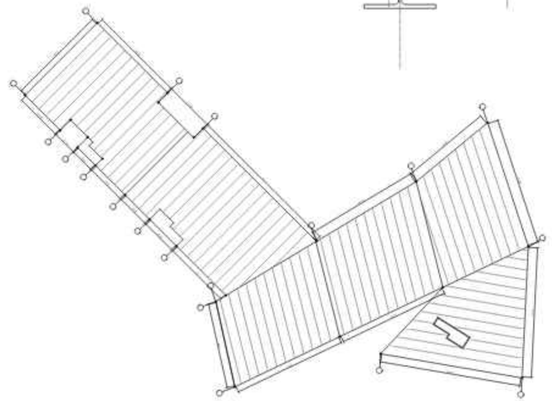
Section

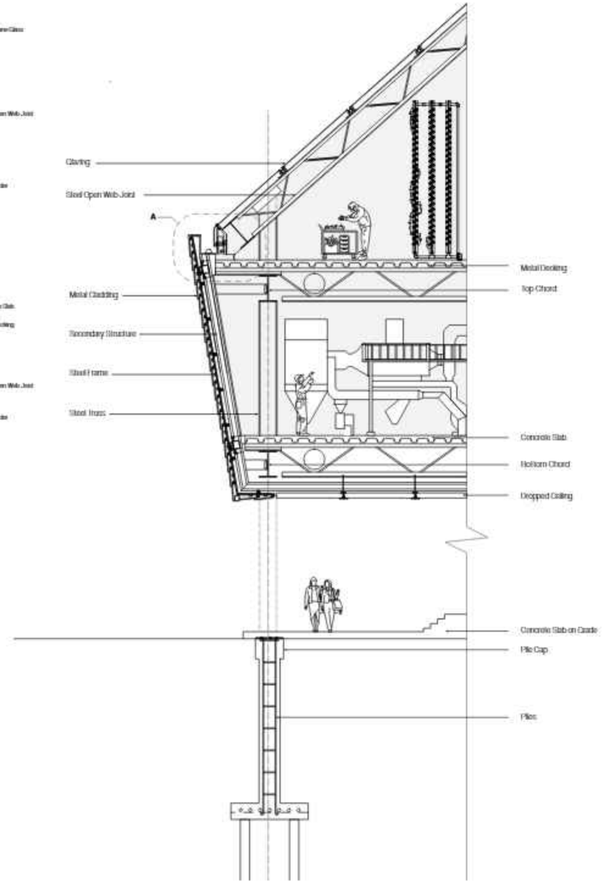


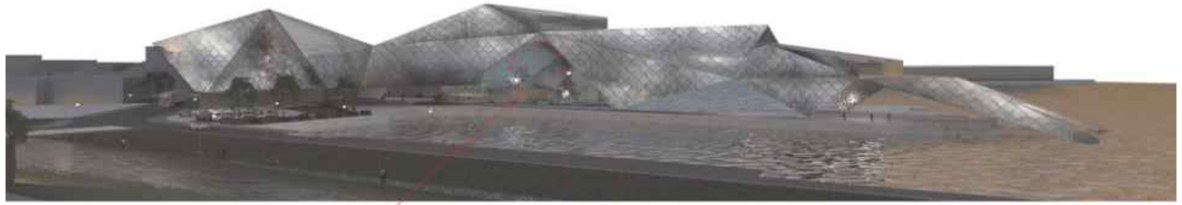


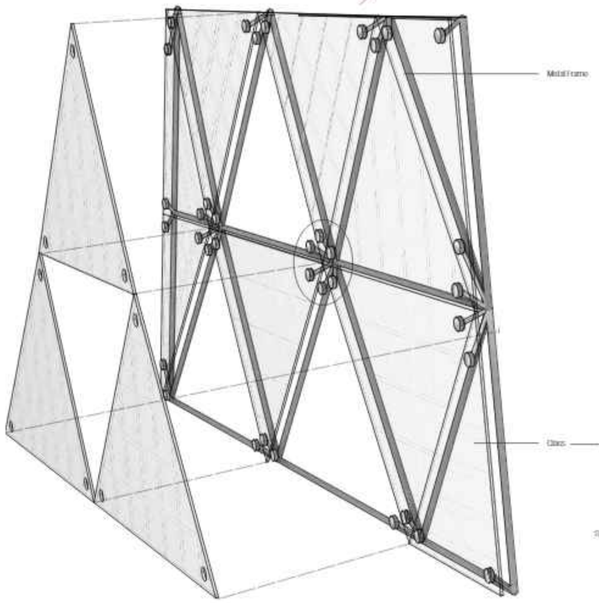
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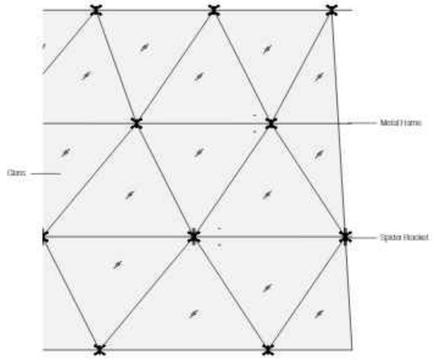




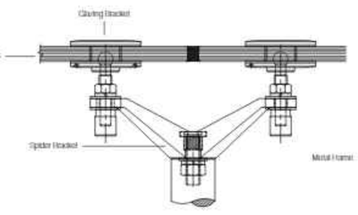




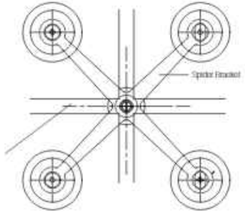
Isometric



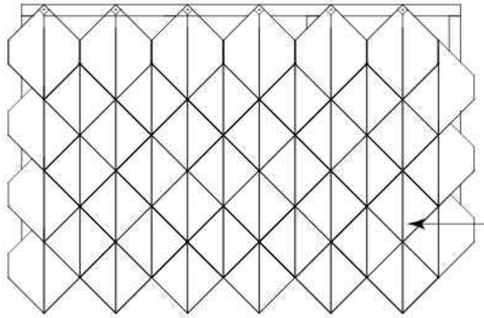
Elevation



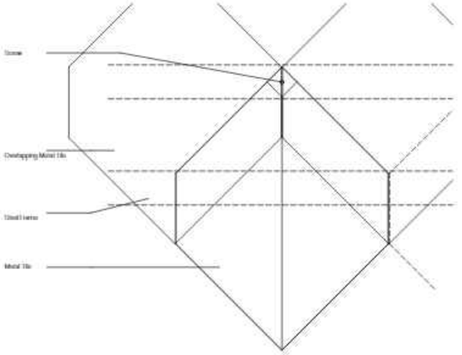
Spider Bracket Section



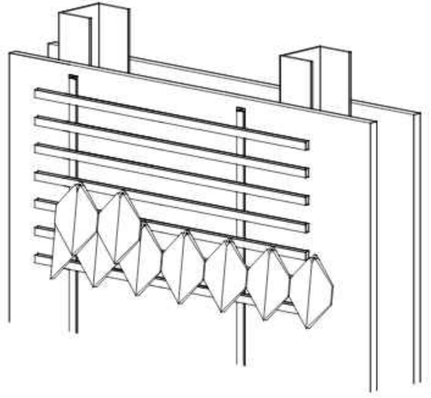
Spider Bracket Plan



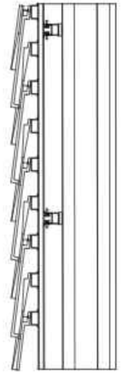
Panel Pattern



Panel Materiality



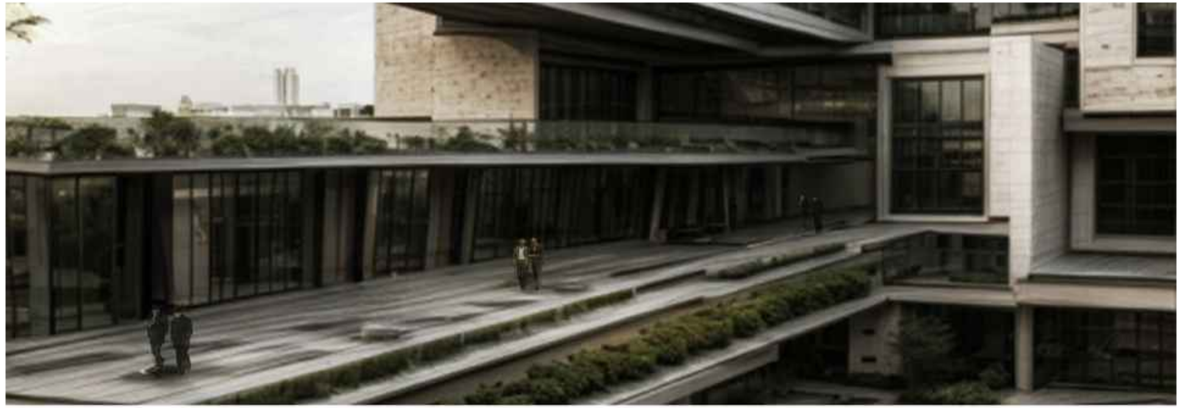
Metal Cladding Installation



Rainscreen Section







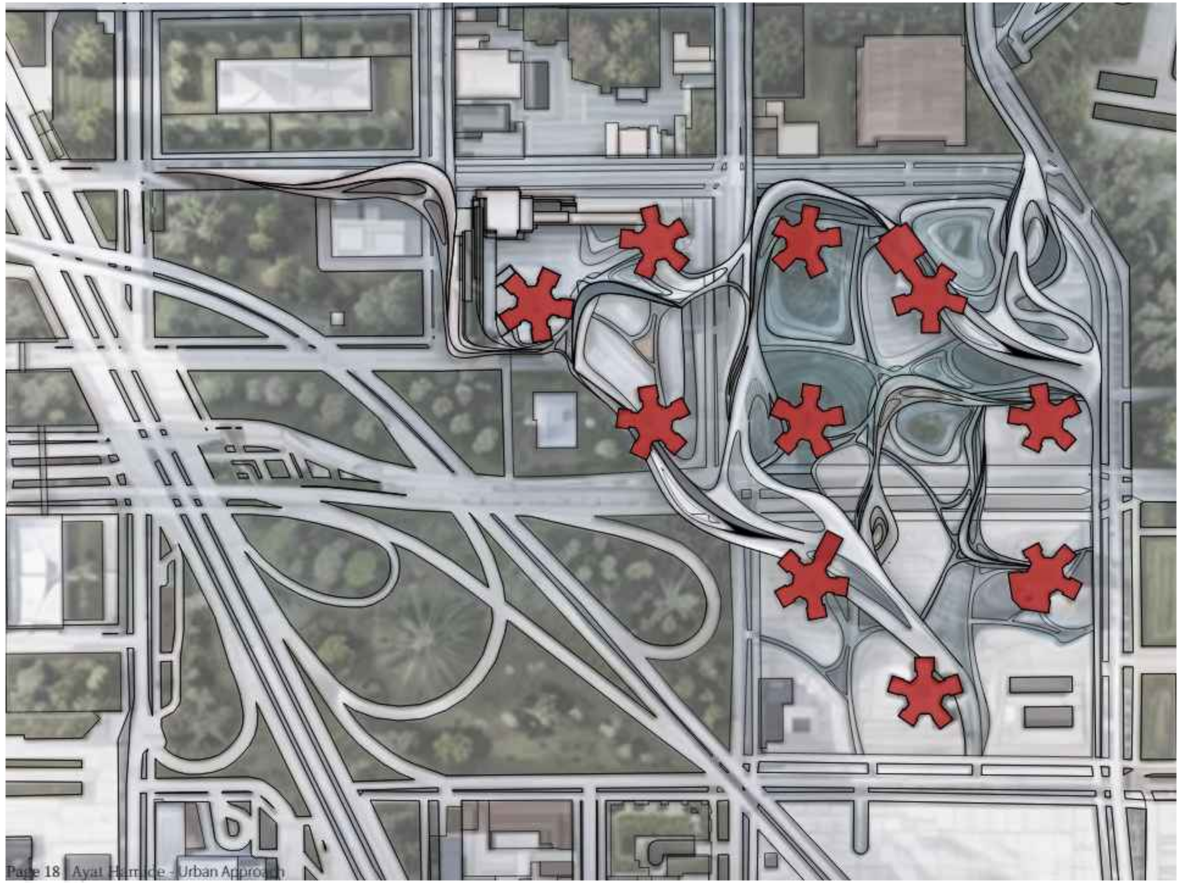
2 Bridgeway Habitat

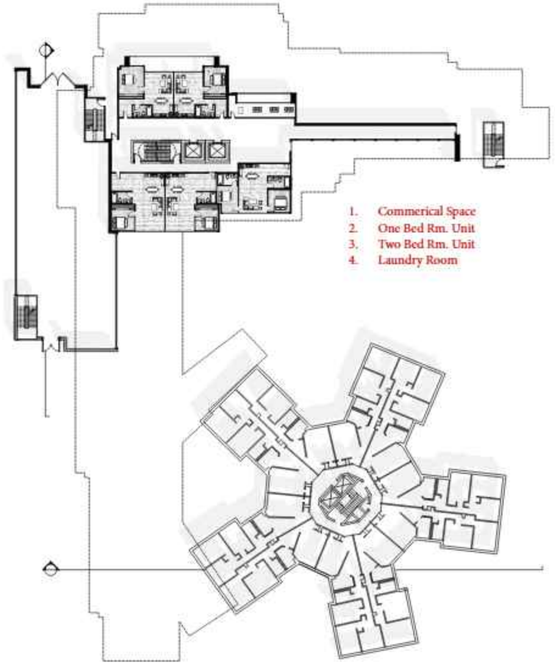
ARCH 703 (Design Studio III) Fall 2023
Instructor: ERICH SHOENENBERGER

This project explores how housing and connectivity can shape a more inclusive urban environment. Located in Brooklyn, it introduces innovative bridge designs that foster community interaction while integrating mixed use spaces and commercial zones to activate the site. The goal is to create a vibrant, interconnected neighborhood that supports social cohesion and new economic opportunities.

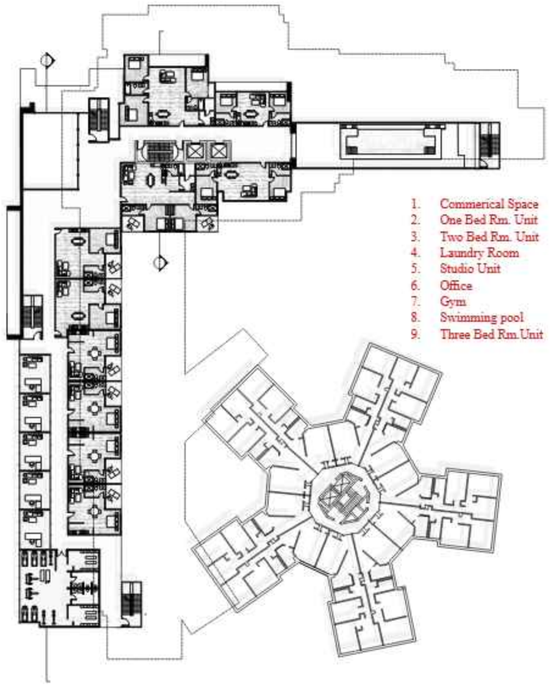
The design process starts at an urban scale, gradually zooming into individual buildings. A user centric approach guides the development of elevated infrastructural elements that weave into existing housing structures, creating seamless connections between communities. These interventions not only enhance mobility but also carve out new spaces that respond to the needs of different user groups.



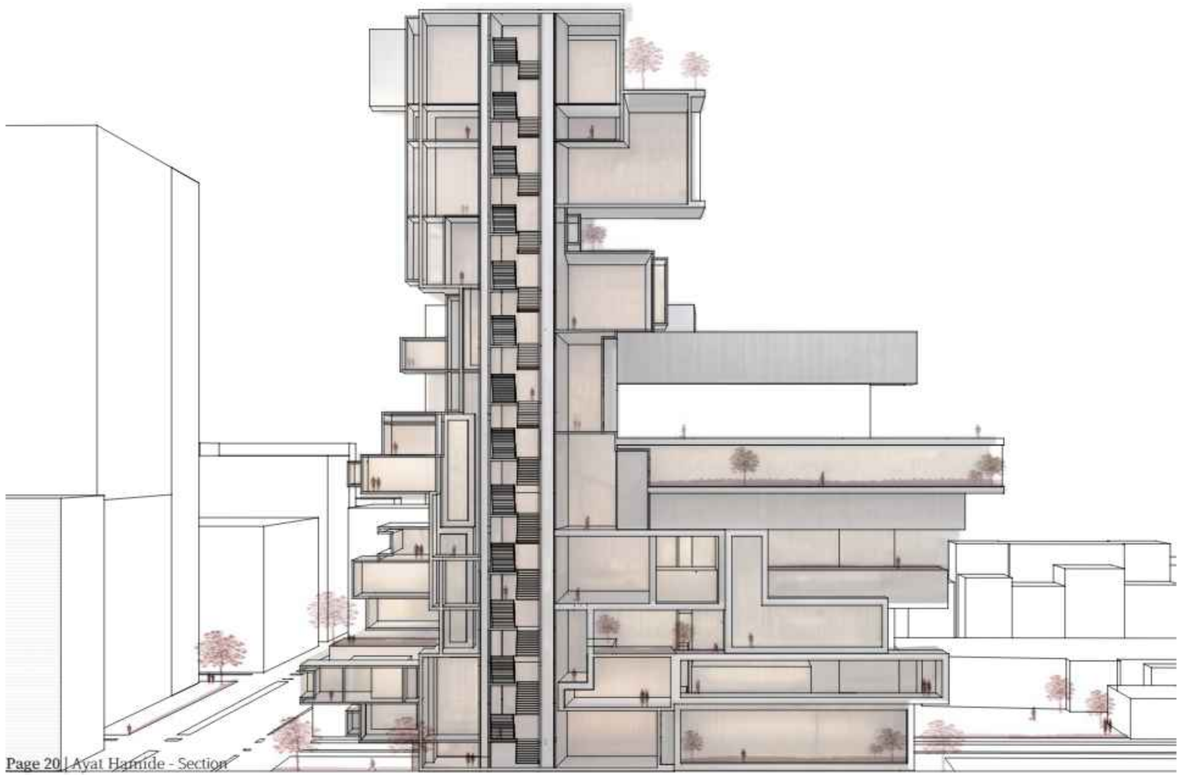


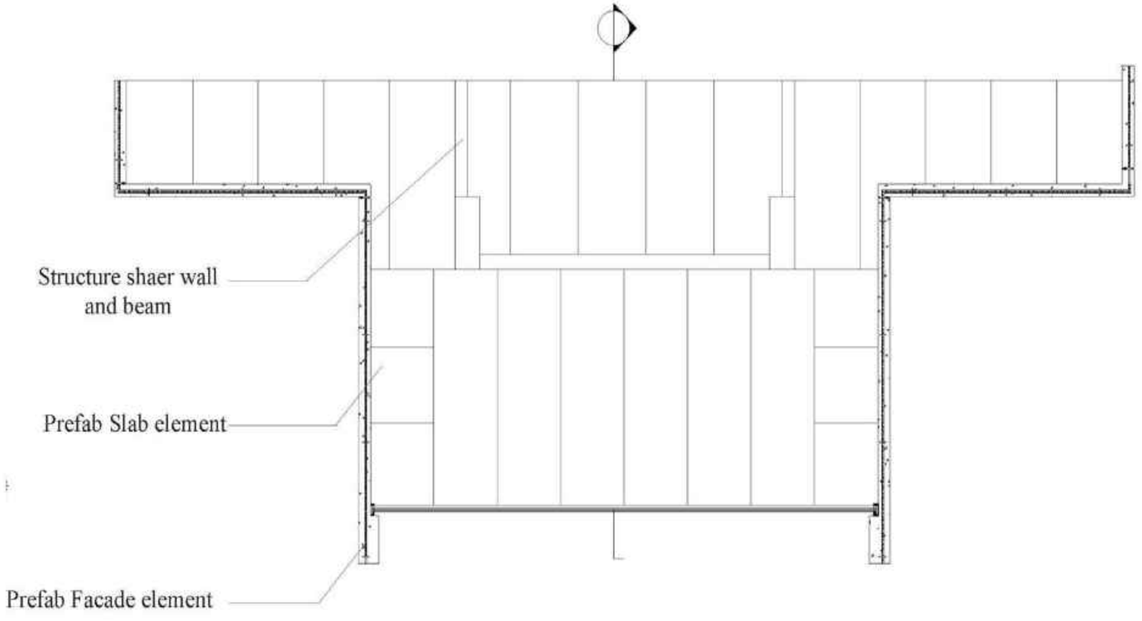


Ground Level Floor Plan

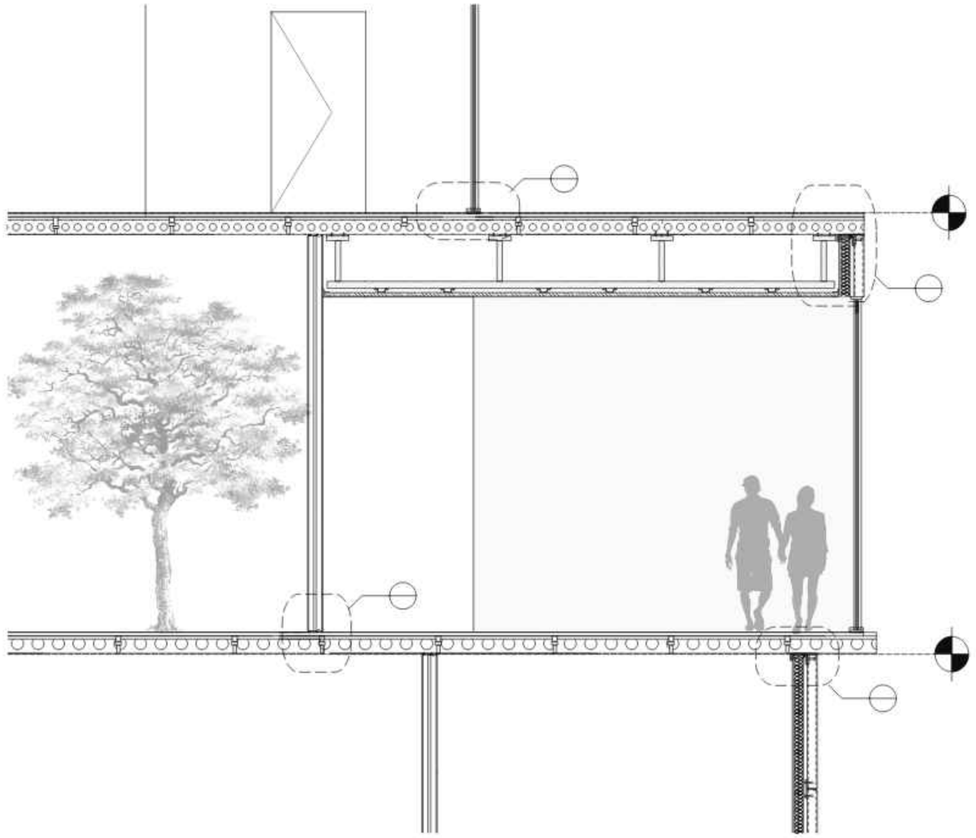


Mid-Level Floor Plan

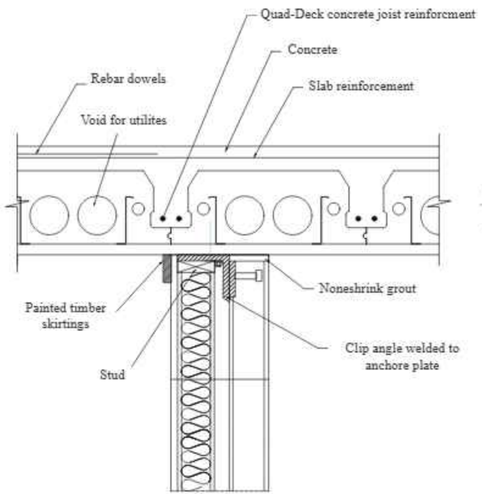




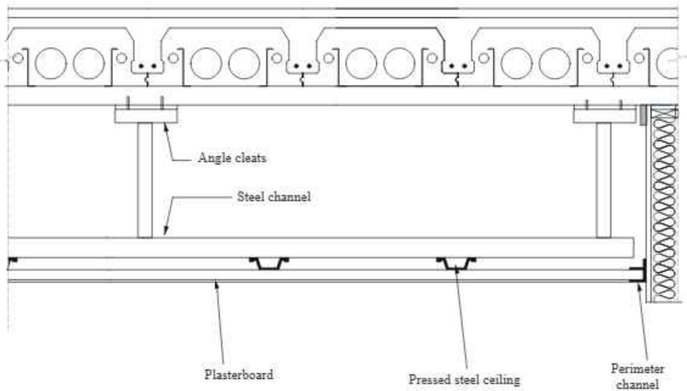
5 / A101 Chunk Floor Plan
1"- 0" = 1/4"



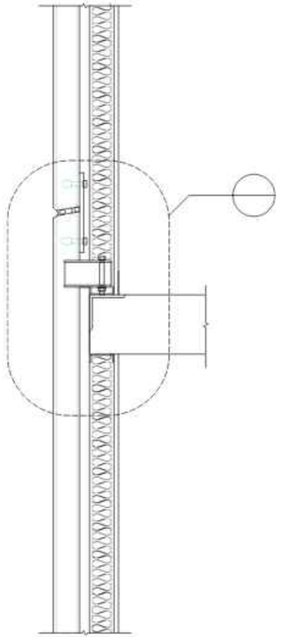
4 / A101 Chunk Section
1"- 0" = 1/4"



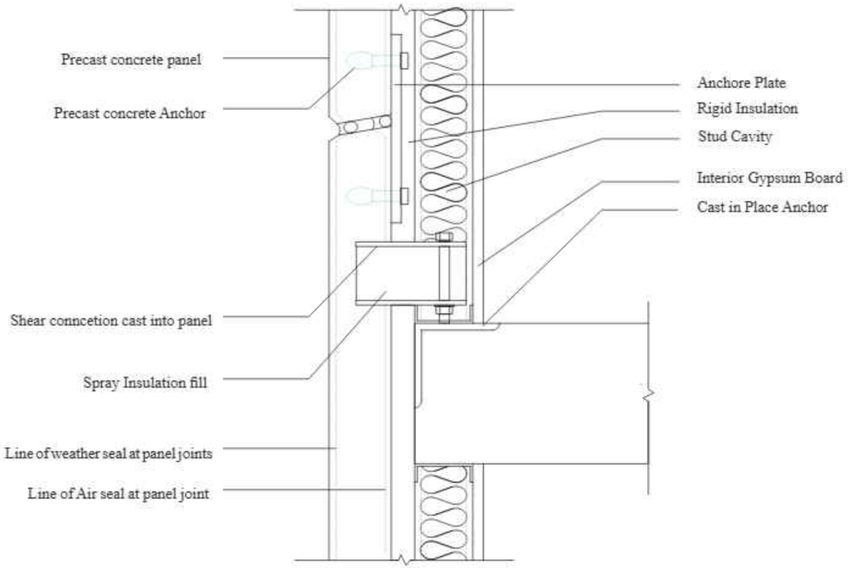
5 Quad-Deck panel
1'- 0" = 1/4"



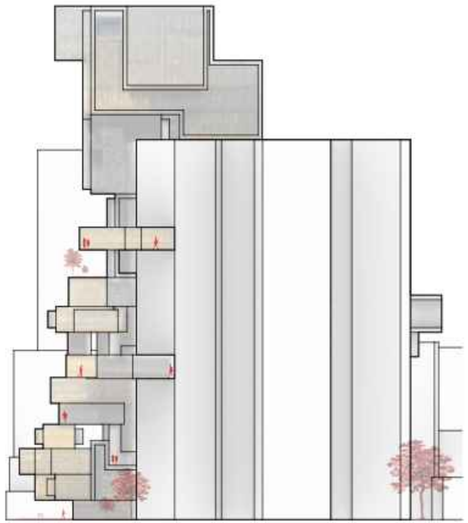
5 Suspended Ceiling
1'- 0" = 1/4"



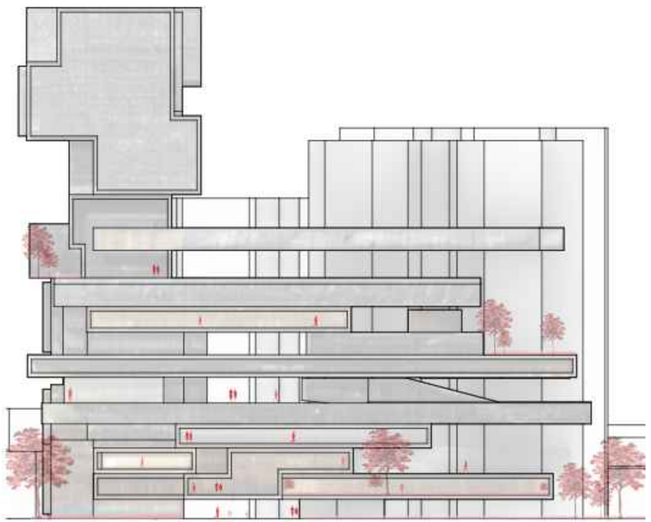
6 A102 Wall Section
1'- 0" = 1/4"



6 A102 Wall Section
1'- 0" = 1/4"



South Elevation



East elevation



