

INTENTIONS & IDEAS

LUKE PLAYER

2026

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01 TINY BEGINNINGS

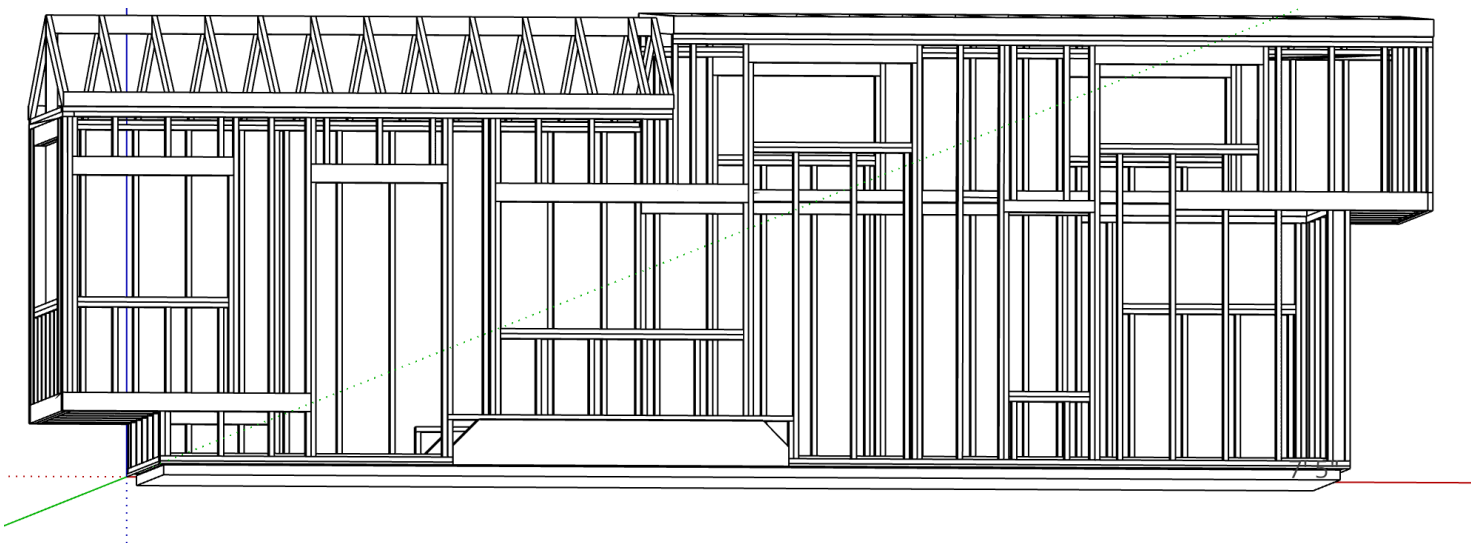
Before beginning my official architecture education, my wife and I designed and built a tiny house on wheels for our family of five. We used a multitude of tiny house videos and photos as precedents and designed a space that specifically met the needs of our family.



Completed exterior of ~450sf tiny house on wheels for my family of five



TINY BEGINNINGS



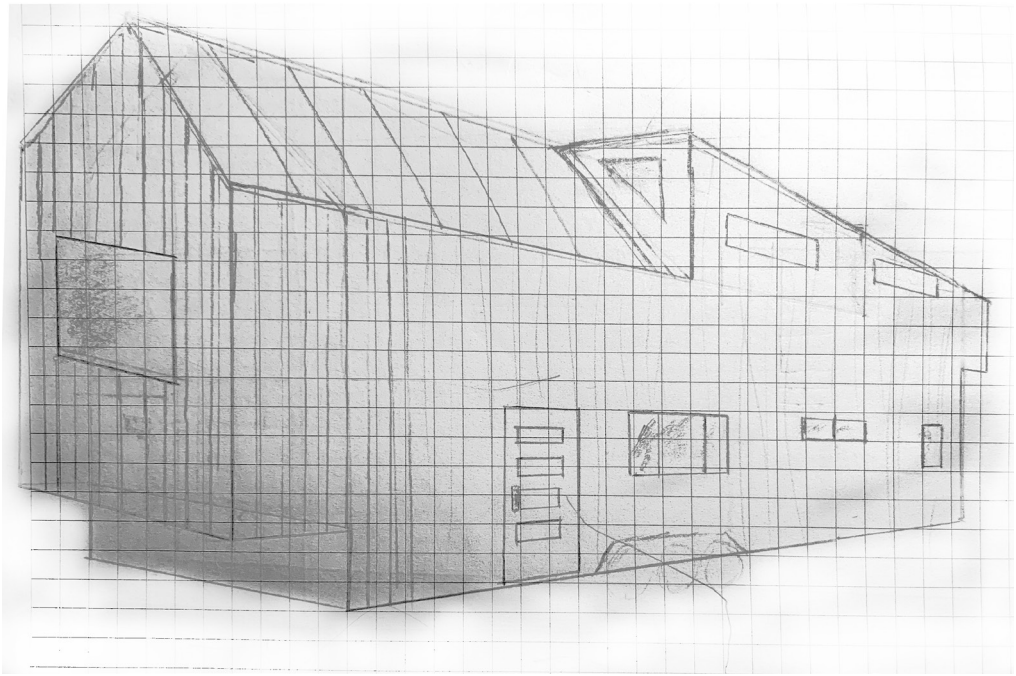
Sketchup model used to create a framing cut list



Frame raising



Building partners



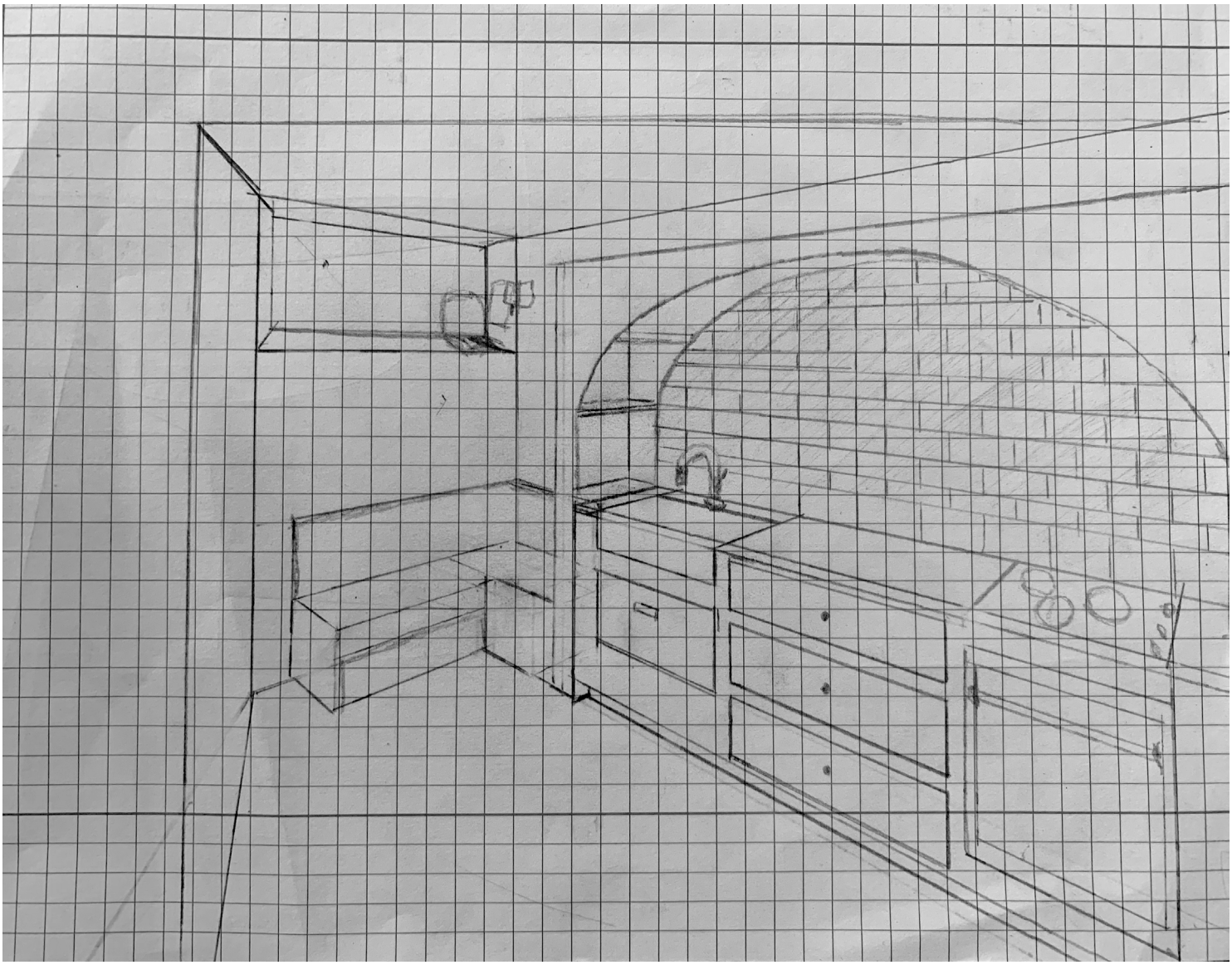
Exterior sketch testing roof design



Installing individually charred cladding



Supervised cabinetry



Interior Concept Sketch

(Right) Galley kitchen with hallway leading to full bathroom and sleeping lofts





Primary living space



Primary sleeping loft



Wood stove heat



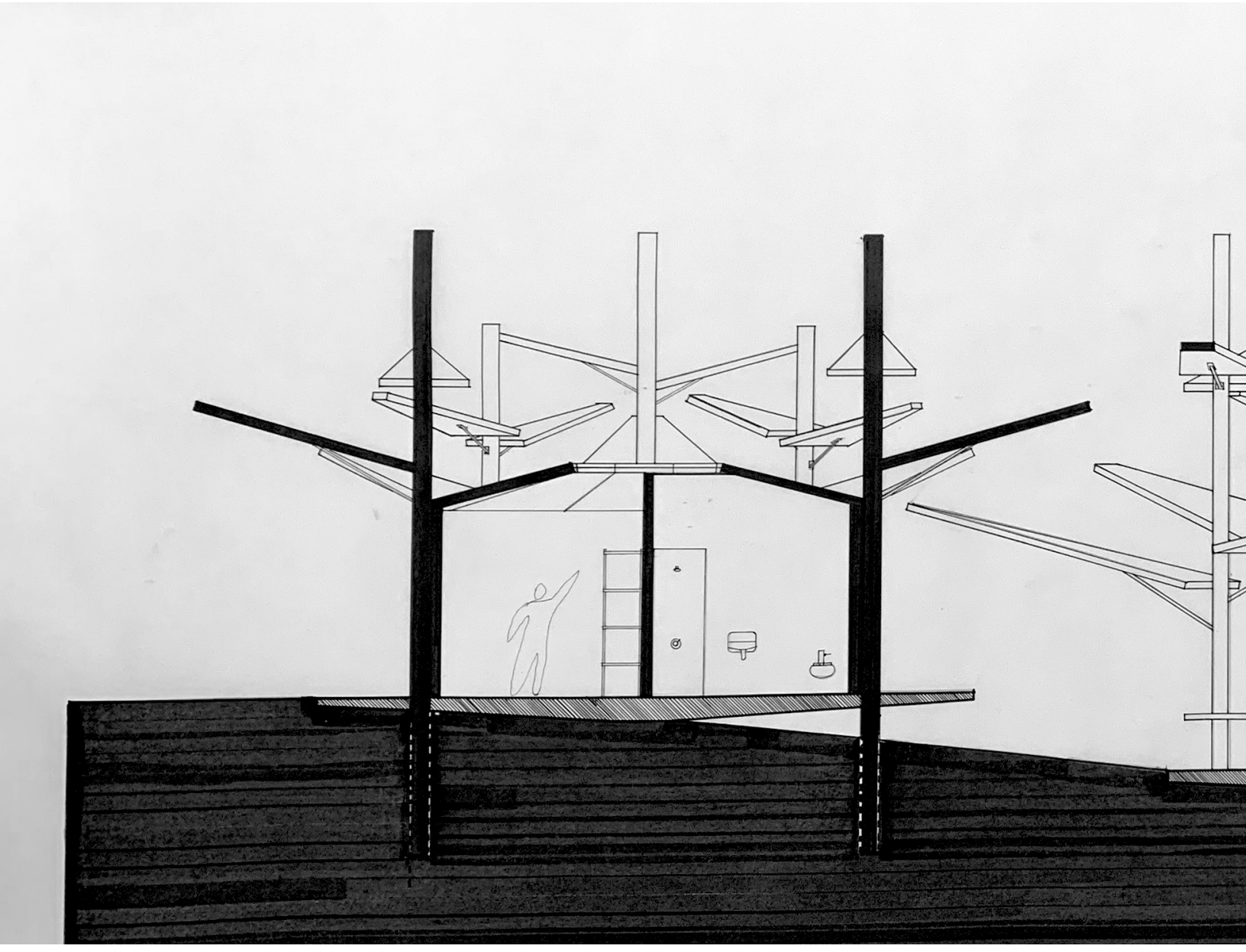
Full bathroom



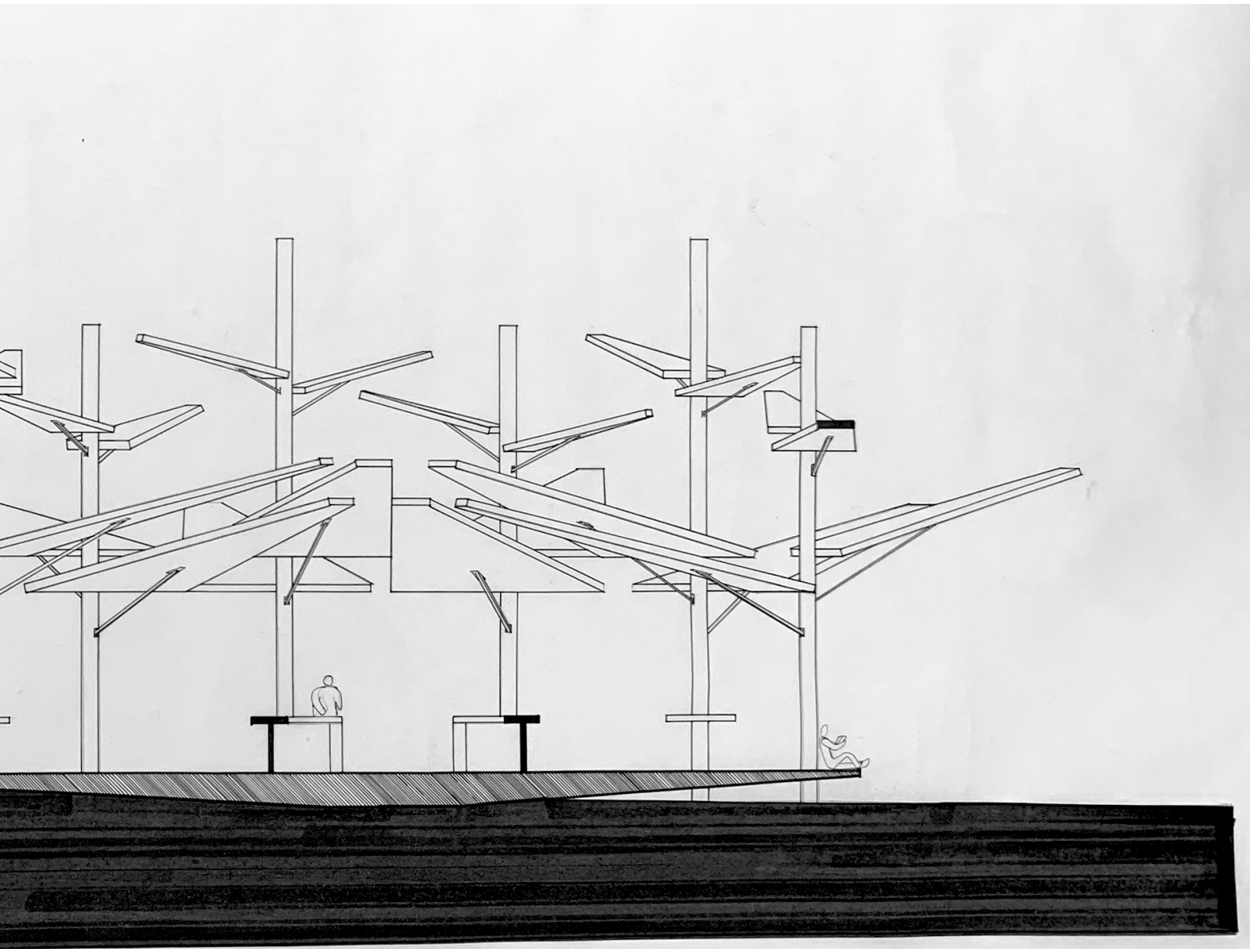
Designed and built by us, for us

02 THE CLEARING

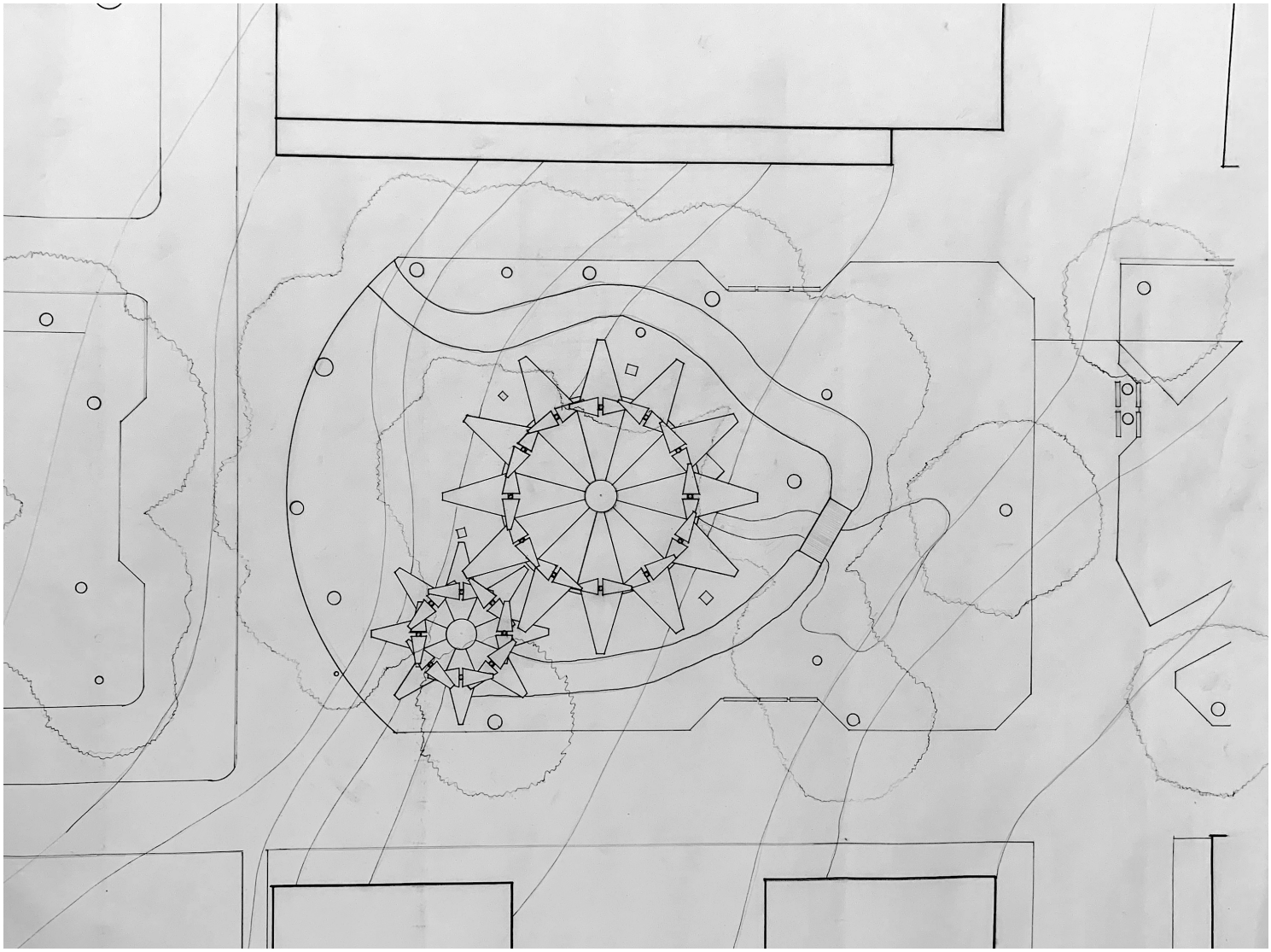
This was my first design studio. We were tasked with designing a pavilion to house a monthly free food market as well as one additional program. I selected a sculpture garden as my second program and titled my project THE CLEARING



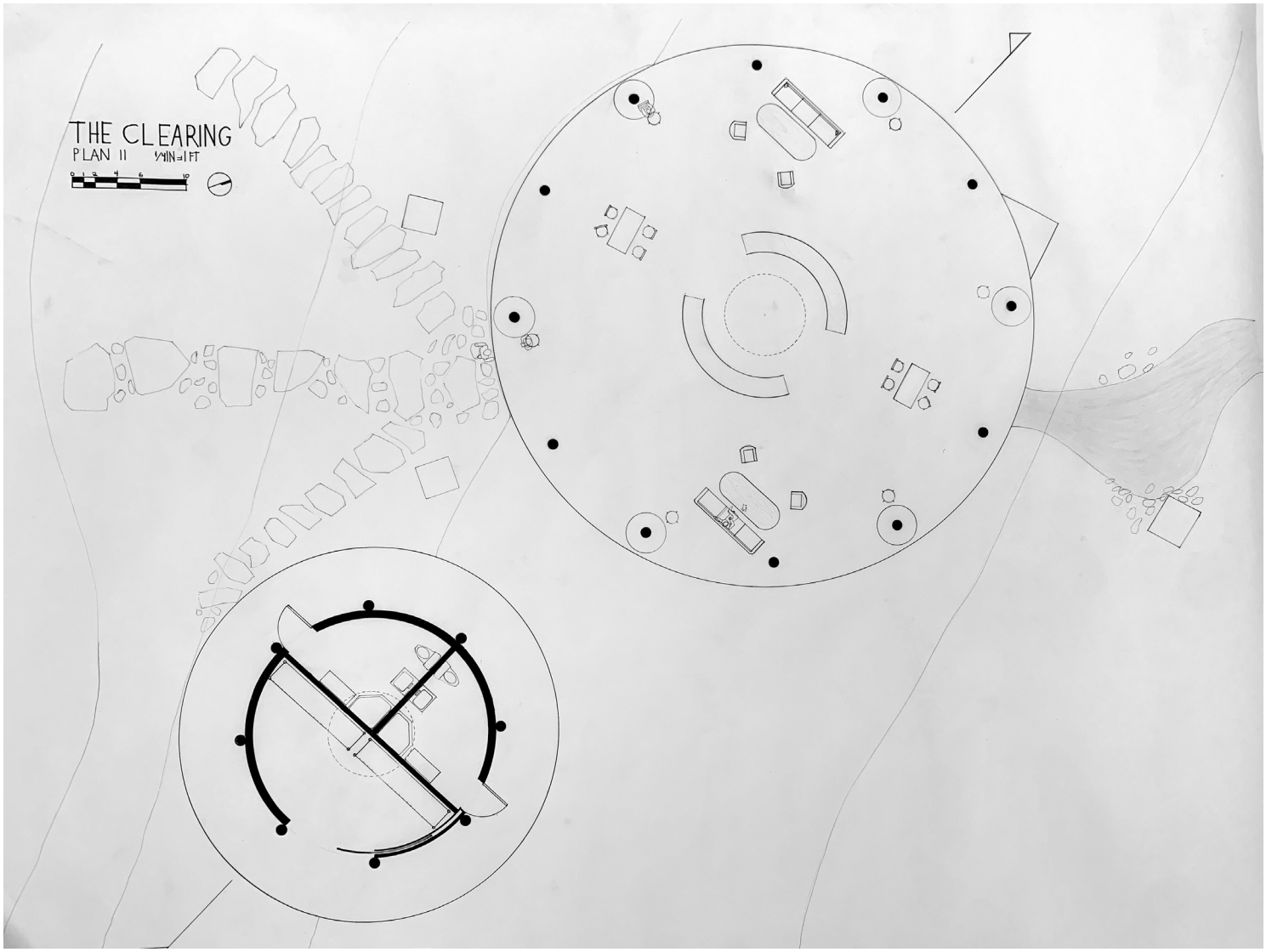
Section of The Clearing pavilion constructed from the roof plan



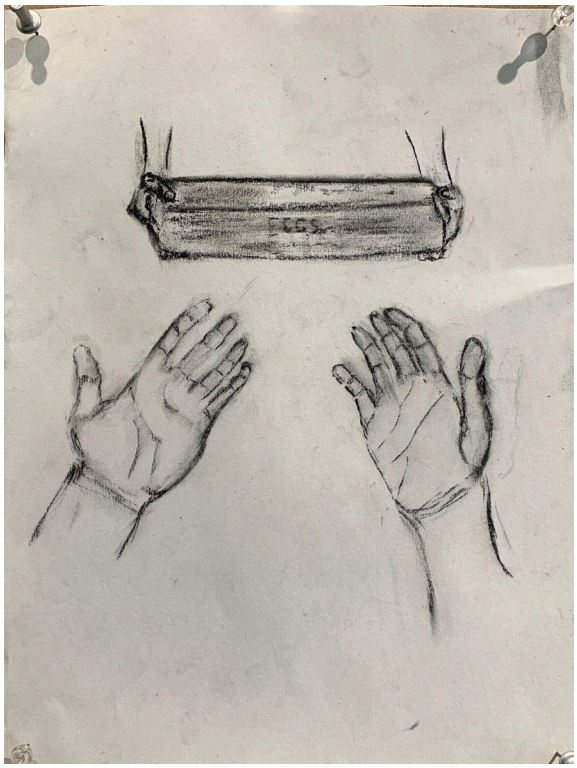
THE CLEARING



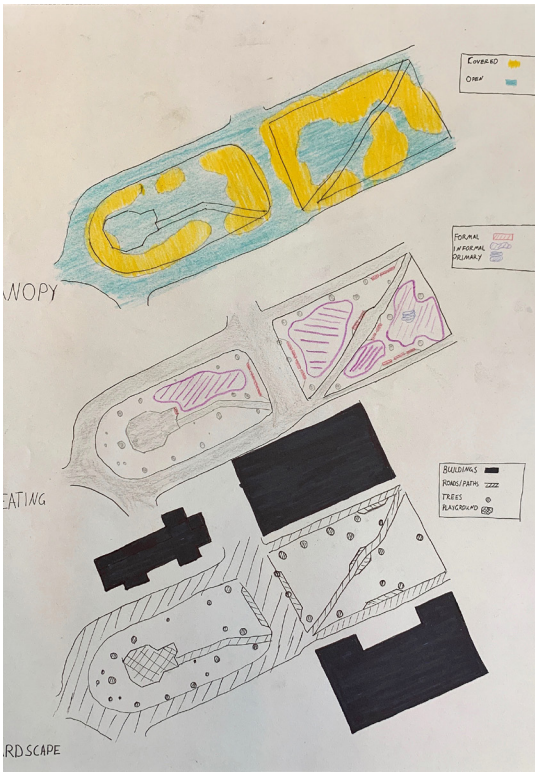
Site plan



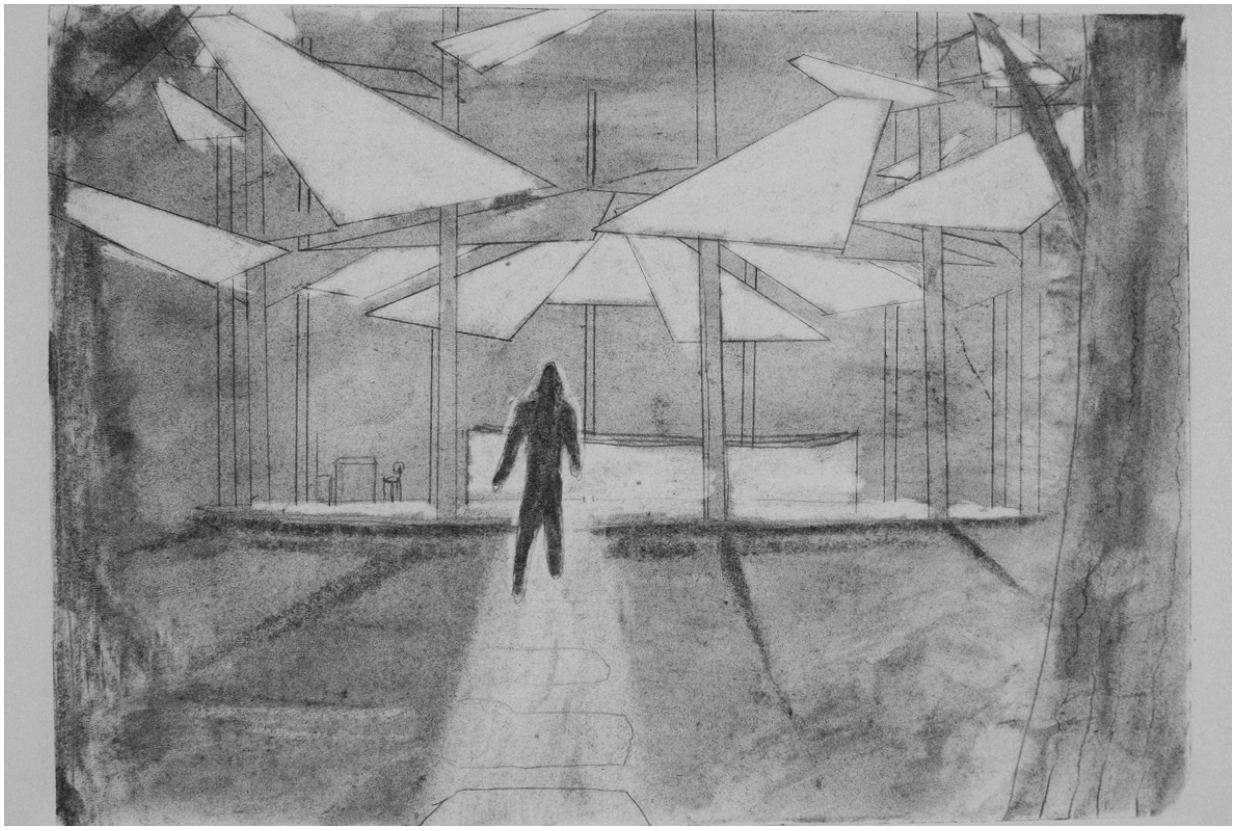
Building plan



Experiential drawing

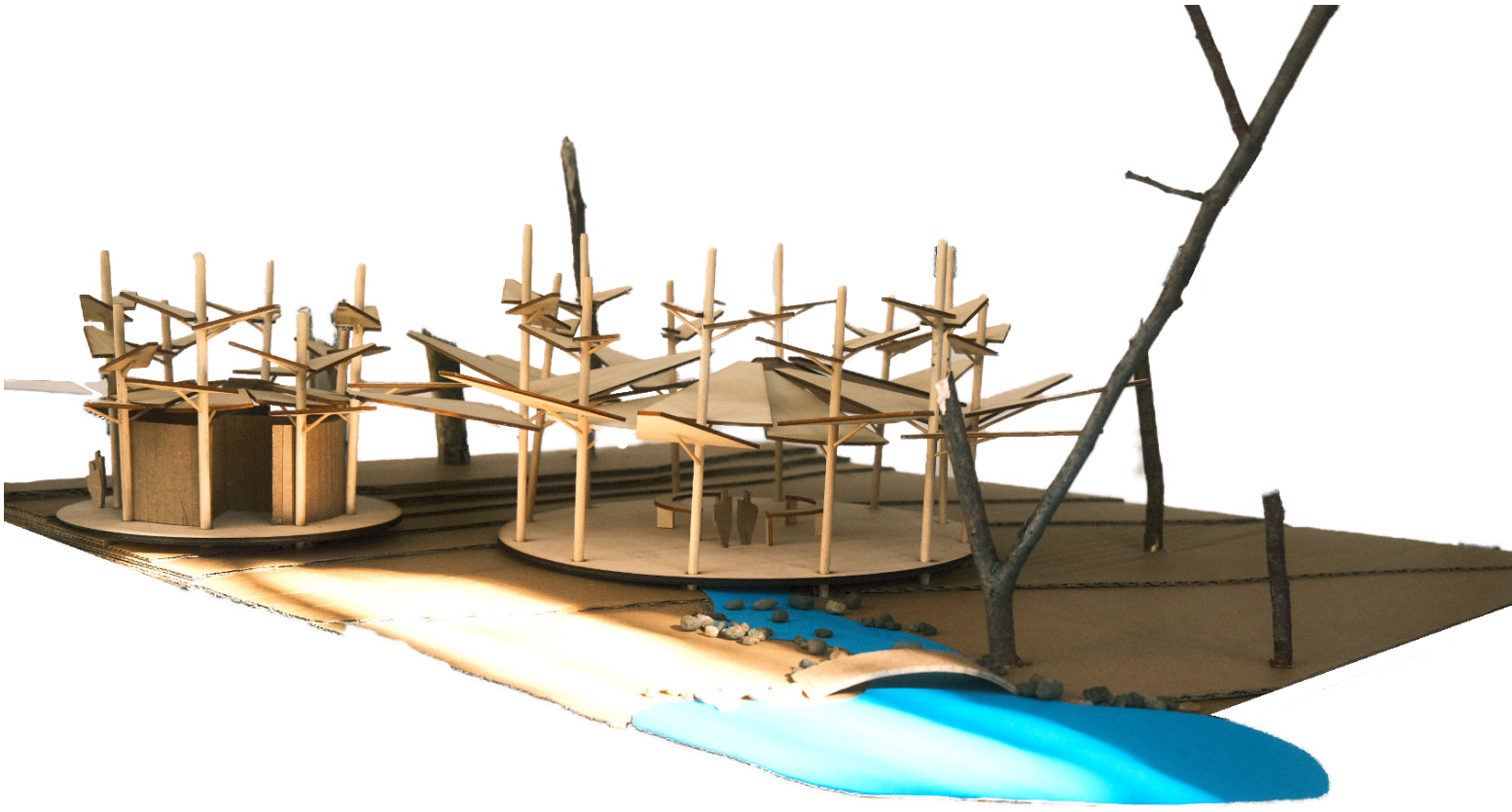


Exploded site diagram



Night-time perspective

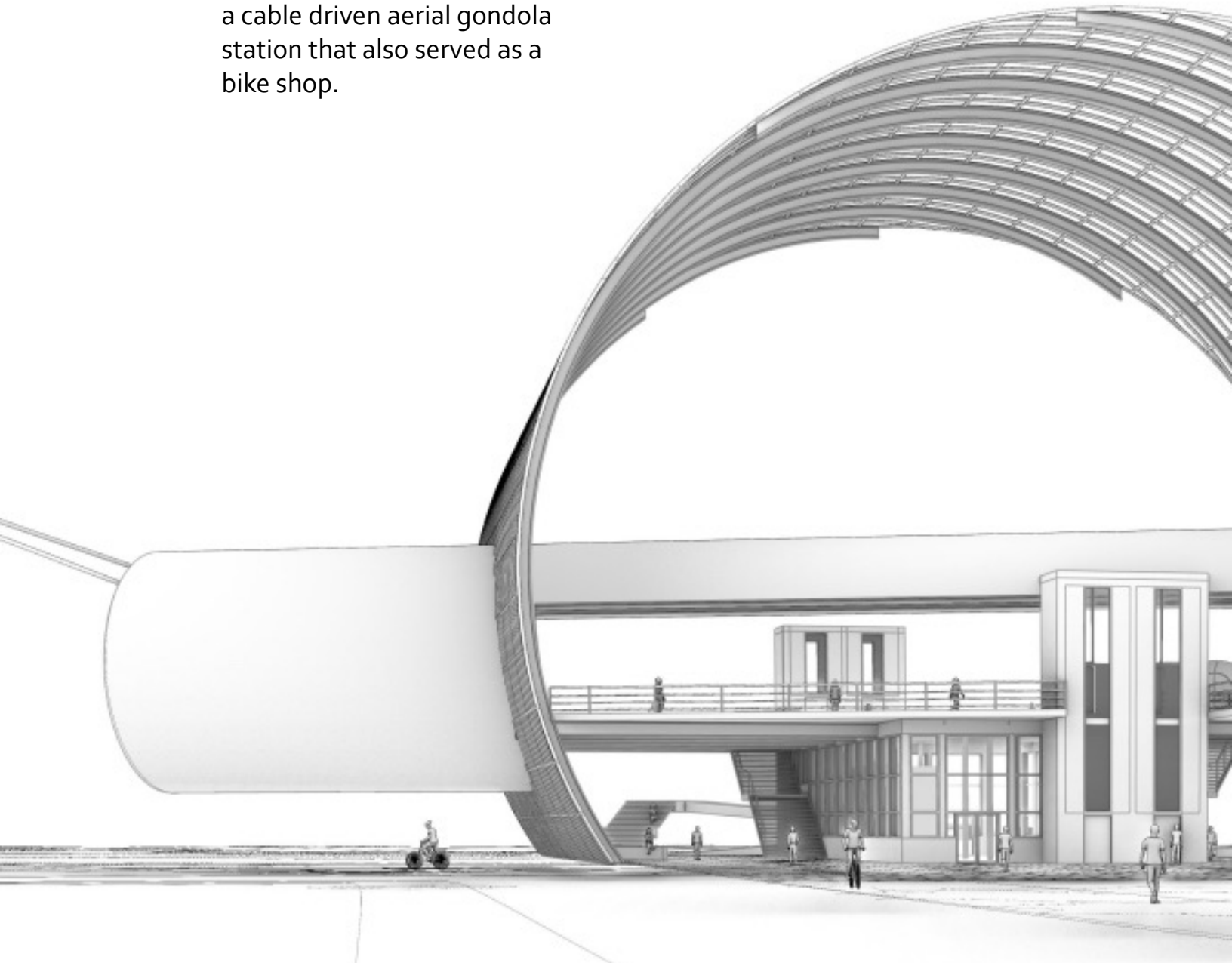




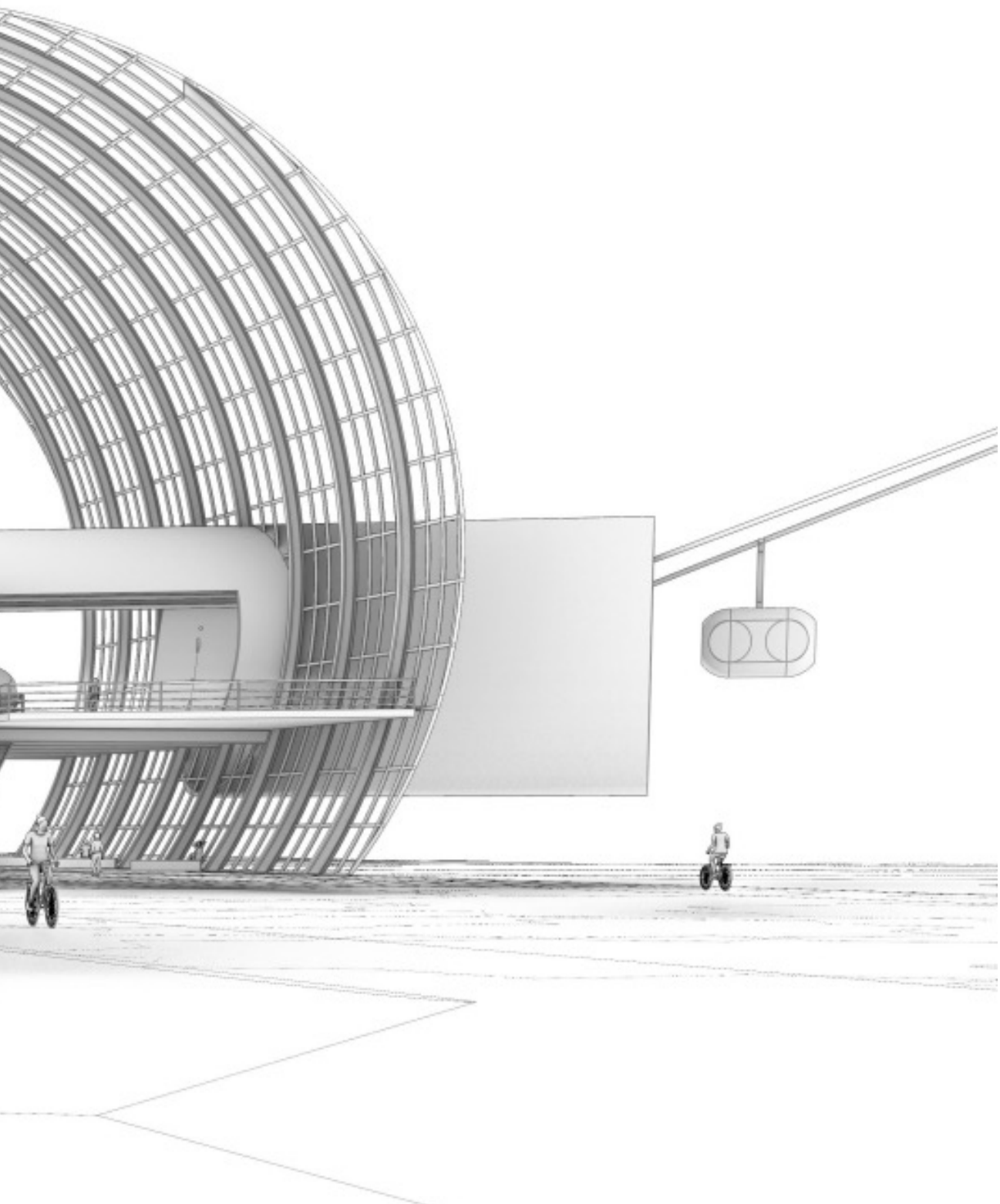
Pavilion model highlighting relationship to surrounding trees

03 SHIFT STATION

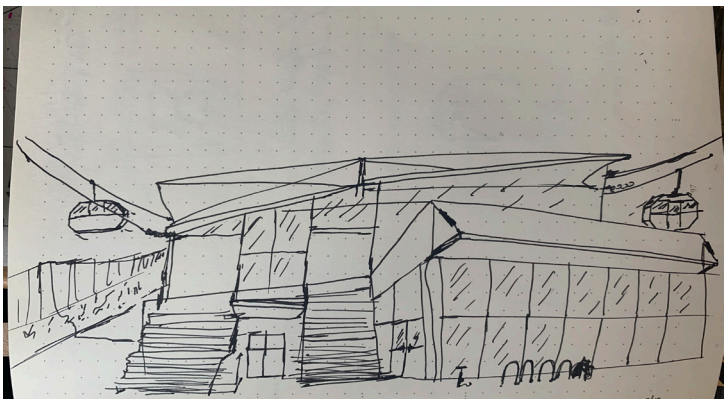
This design studio focused on intentions, process, precedents, and making. We were tasked with designing a cable driven aerial gondola station that also served as a bike shop.



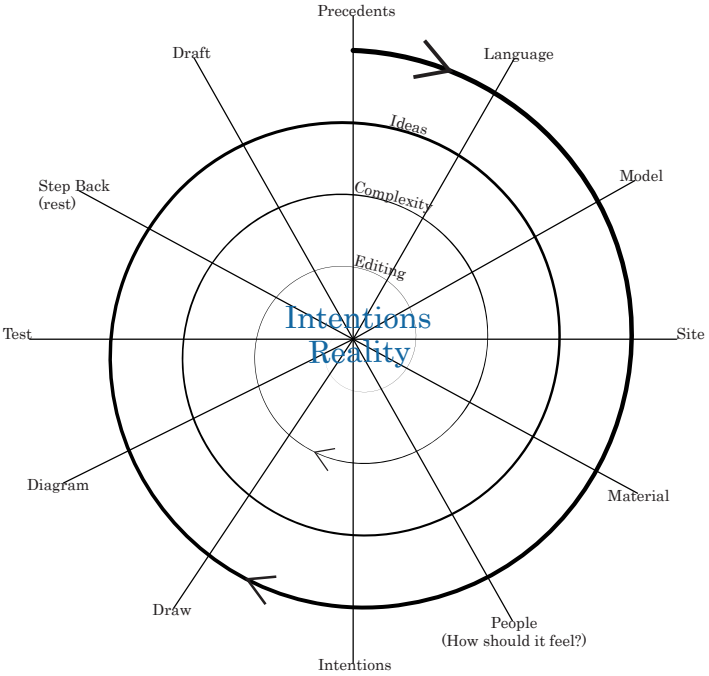
Pedestrian approach emphasizing the scale and iconic nature of the project



SHIFT STATION



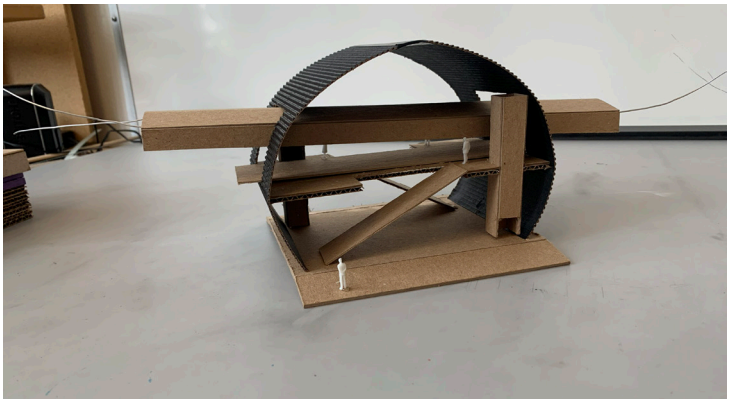
Process sketch



Personal design process developed and refined



Study model exploring structure



Study model exploring vertical circulation

Suspended above the flowing city

Glides along a shimmering strand

Touching down but never stopping

Always gliding, always tethered, always traversing

Enter, exit; bodies motion is translated into mechanical movement

Our movement joins the suspended carrier

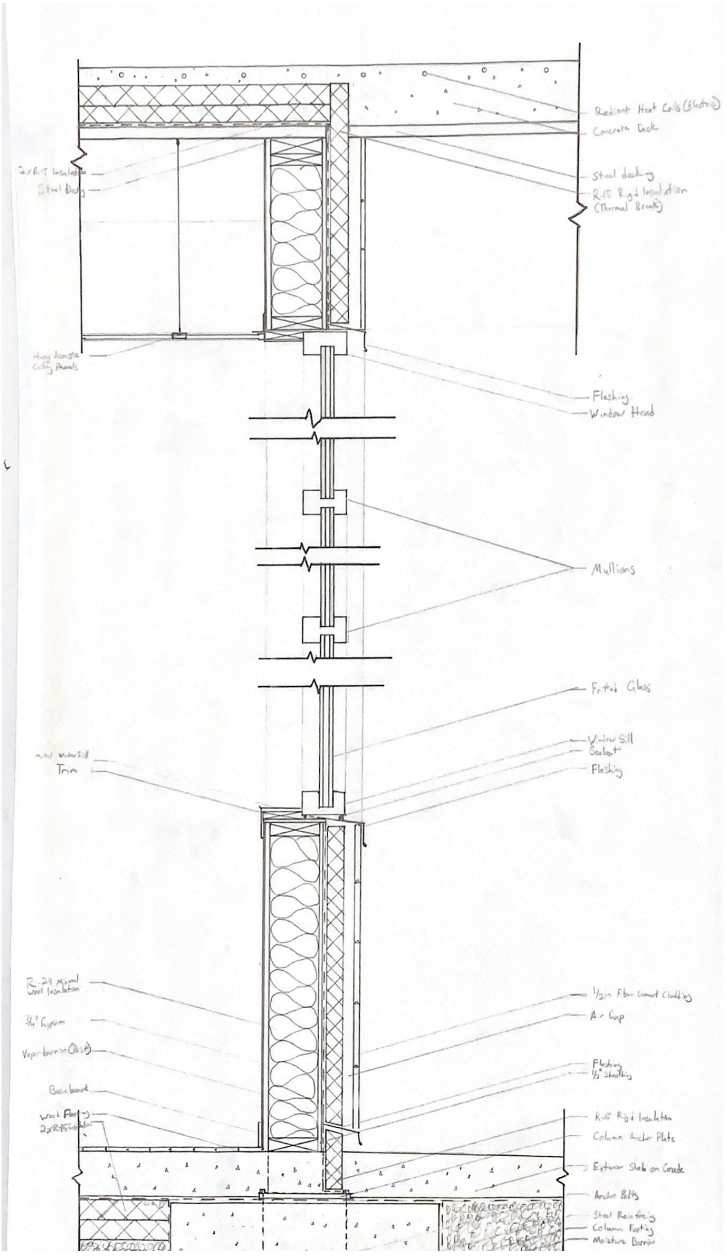
Trajectories merge and passenger and gondola unite in shared momentum

Take off...

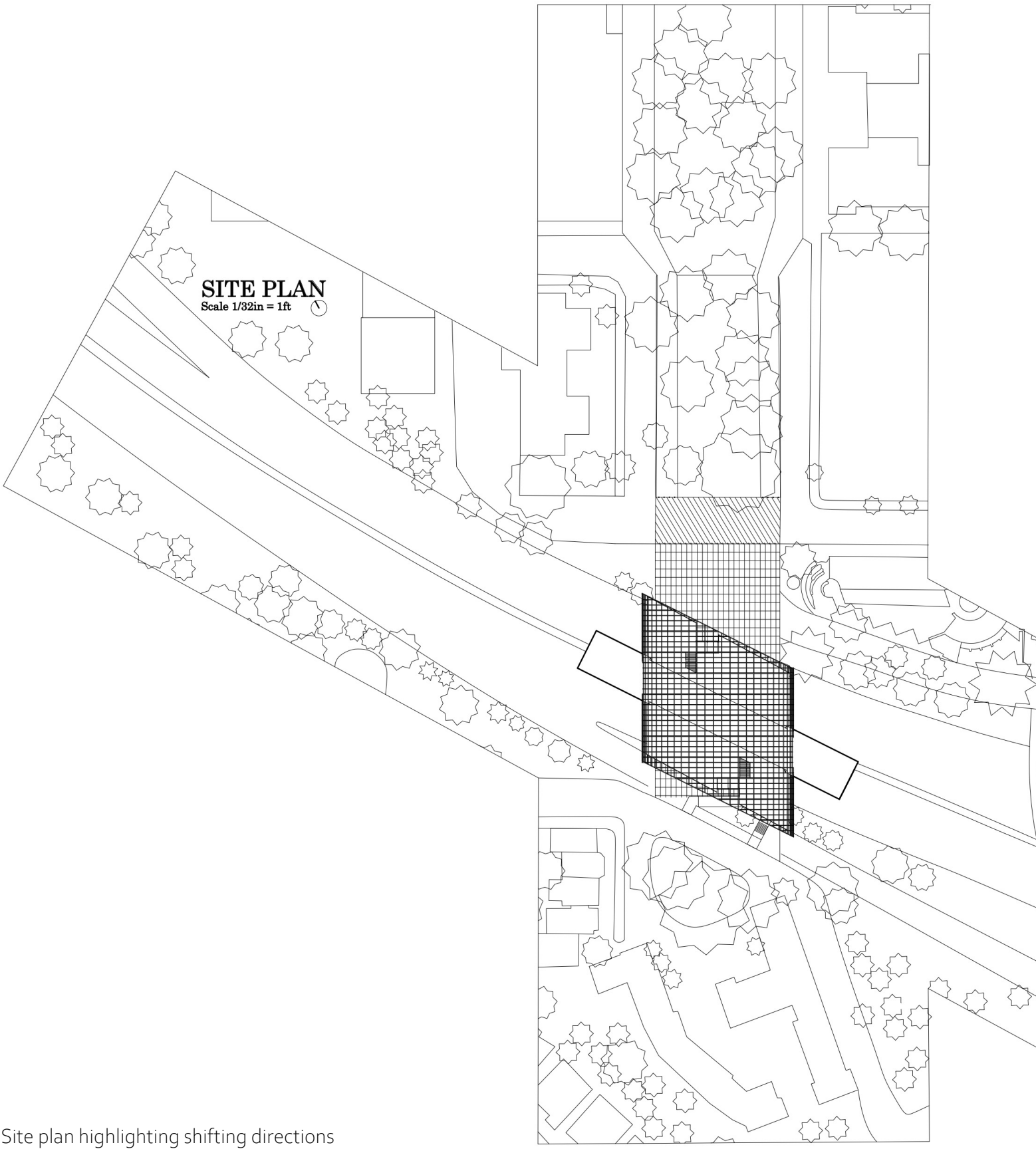
Poetry exploration



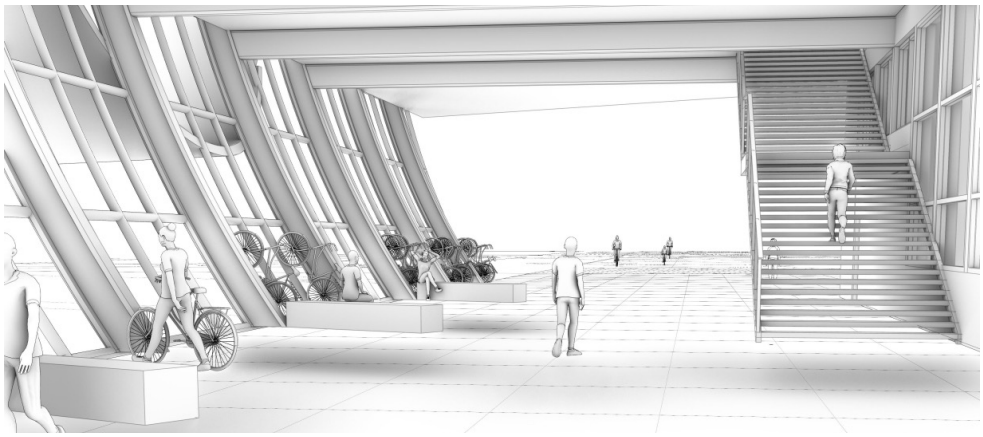
Cutaway tectonic model



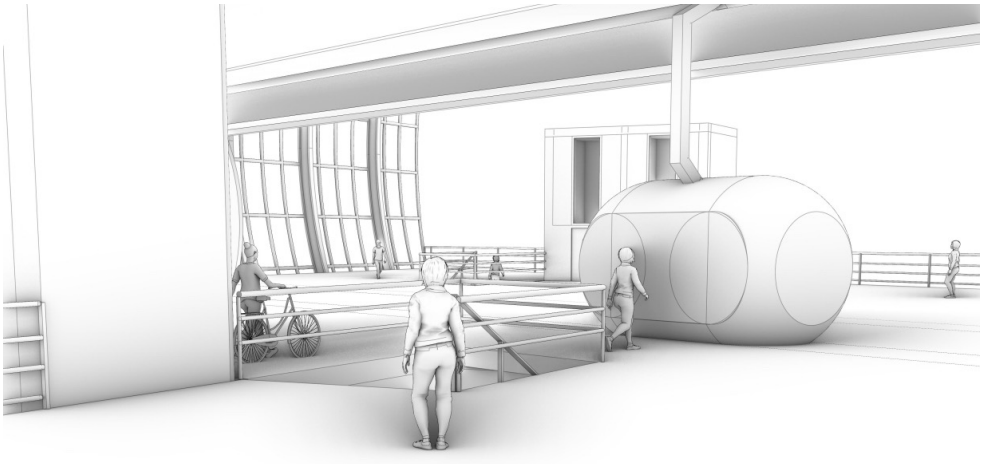
Floor to ceiling detail



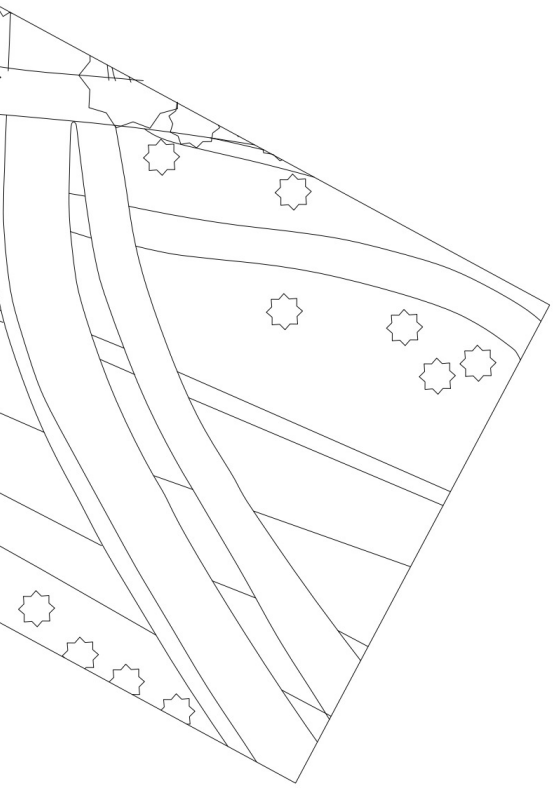
Site plan highlighting shifting directions

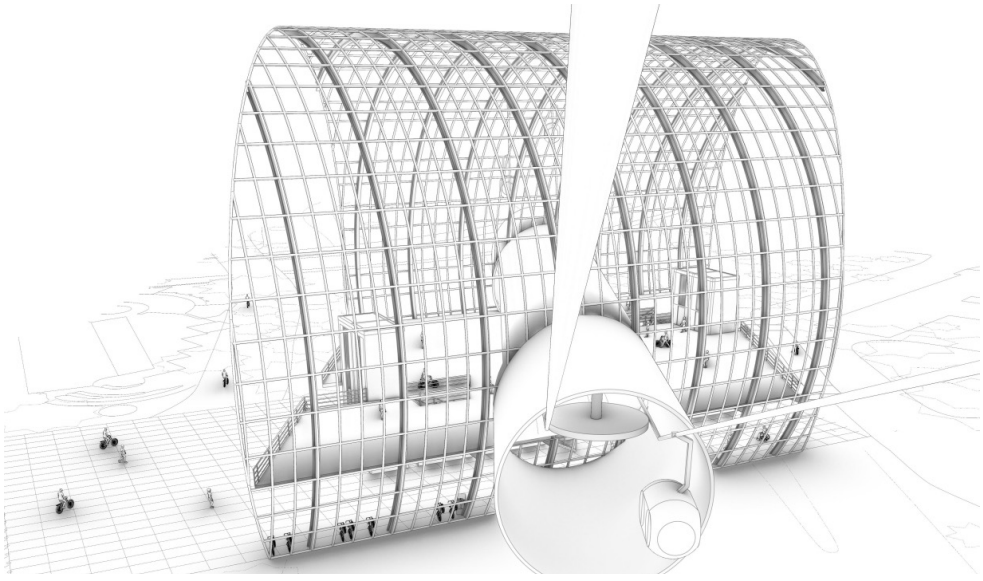


Under the station platform

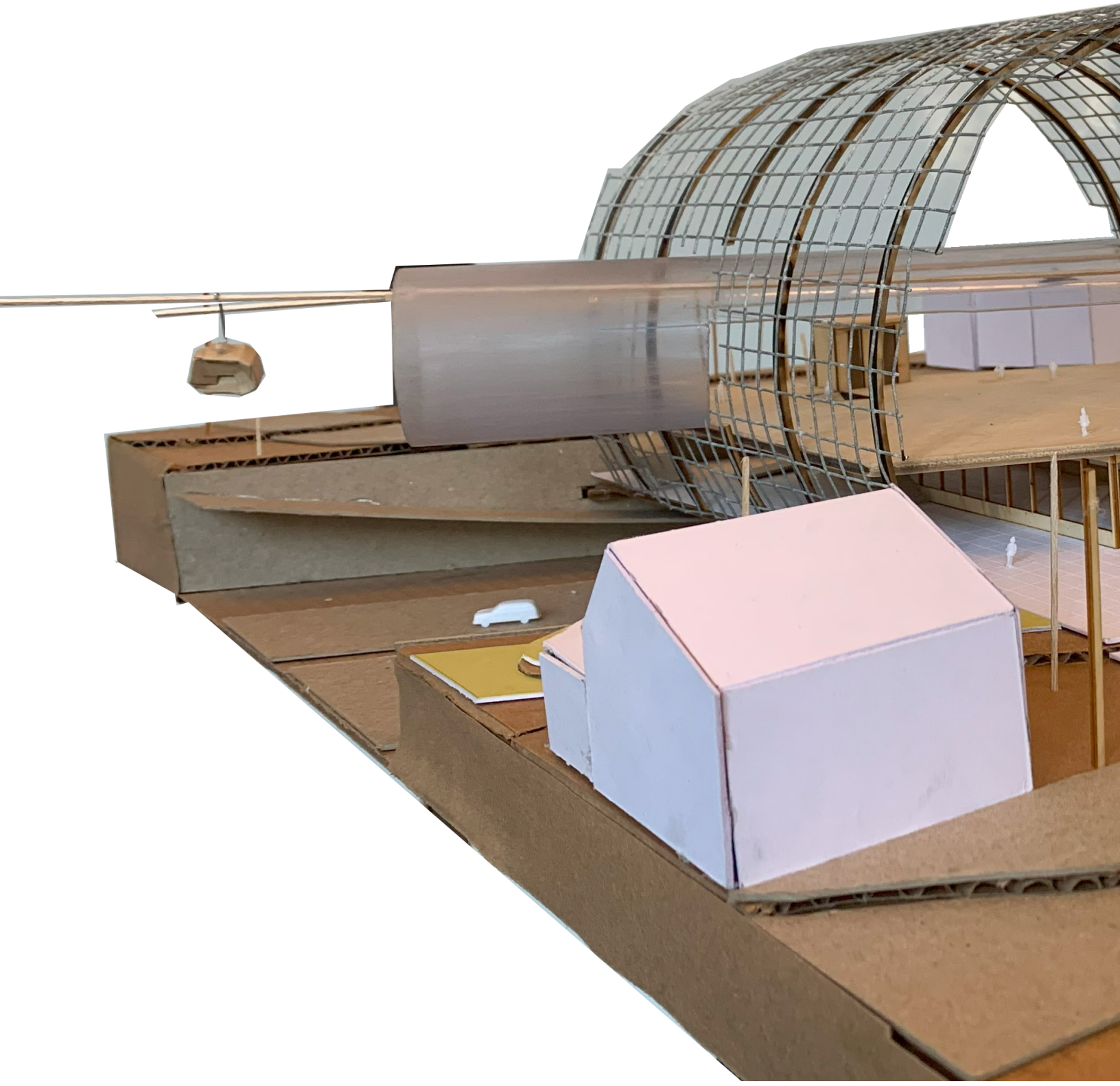


Boarding the gondola

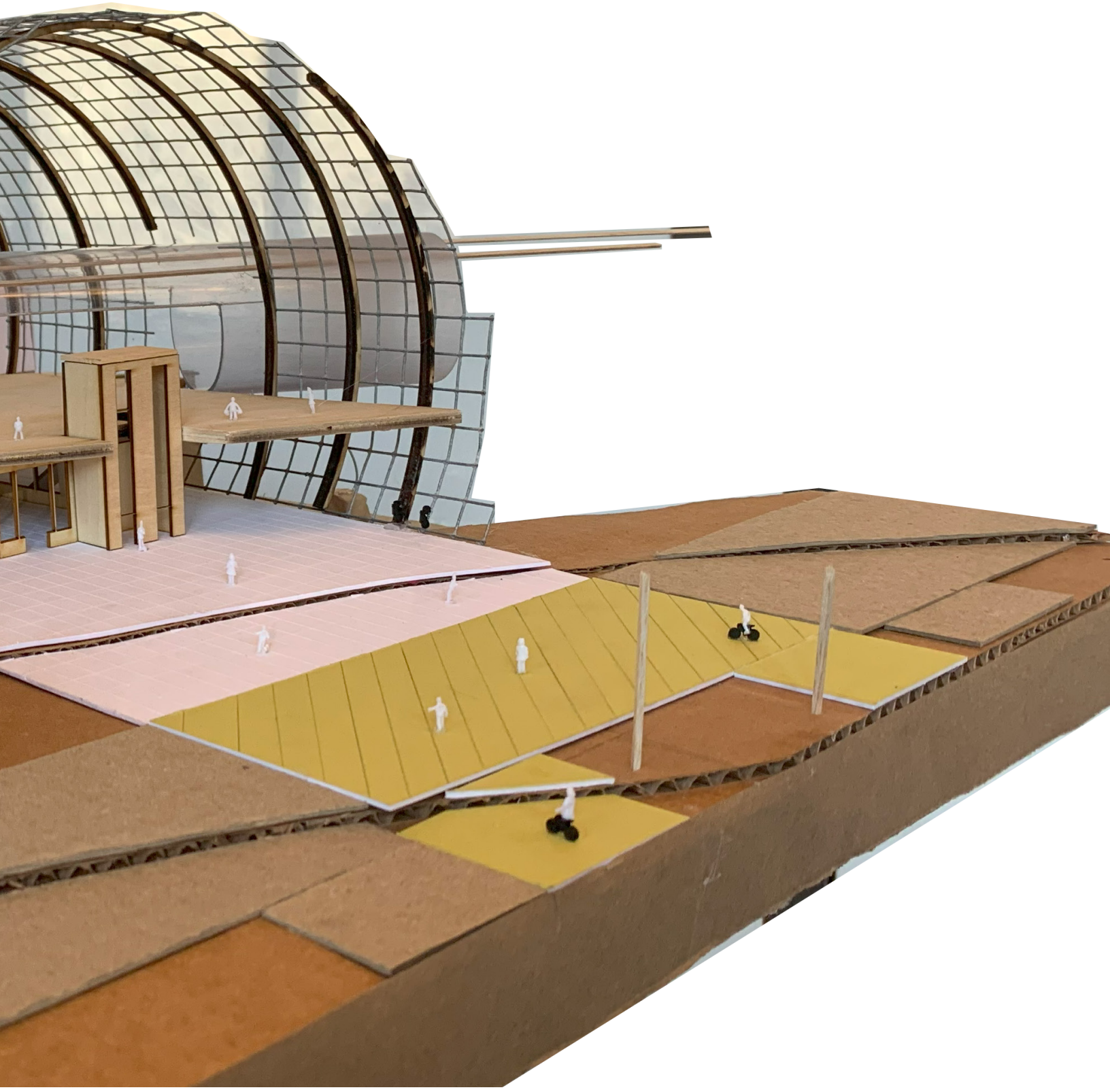




Departing the station



1/8th scale model highlighting the shift in direction and surrounding context

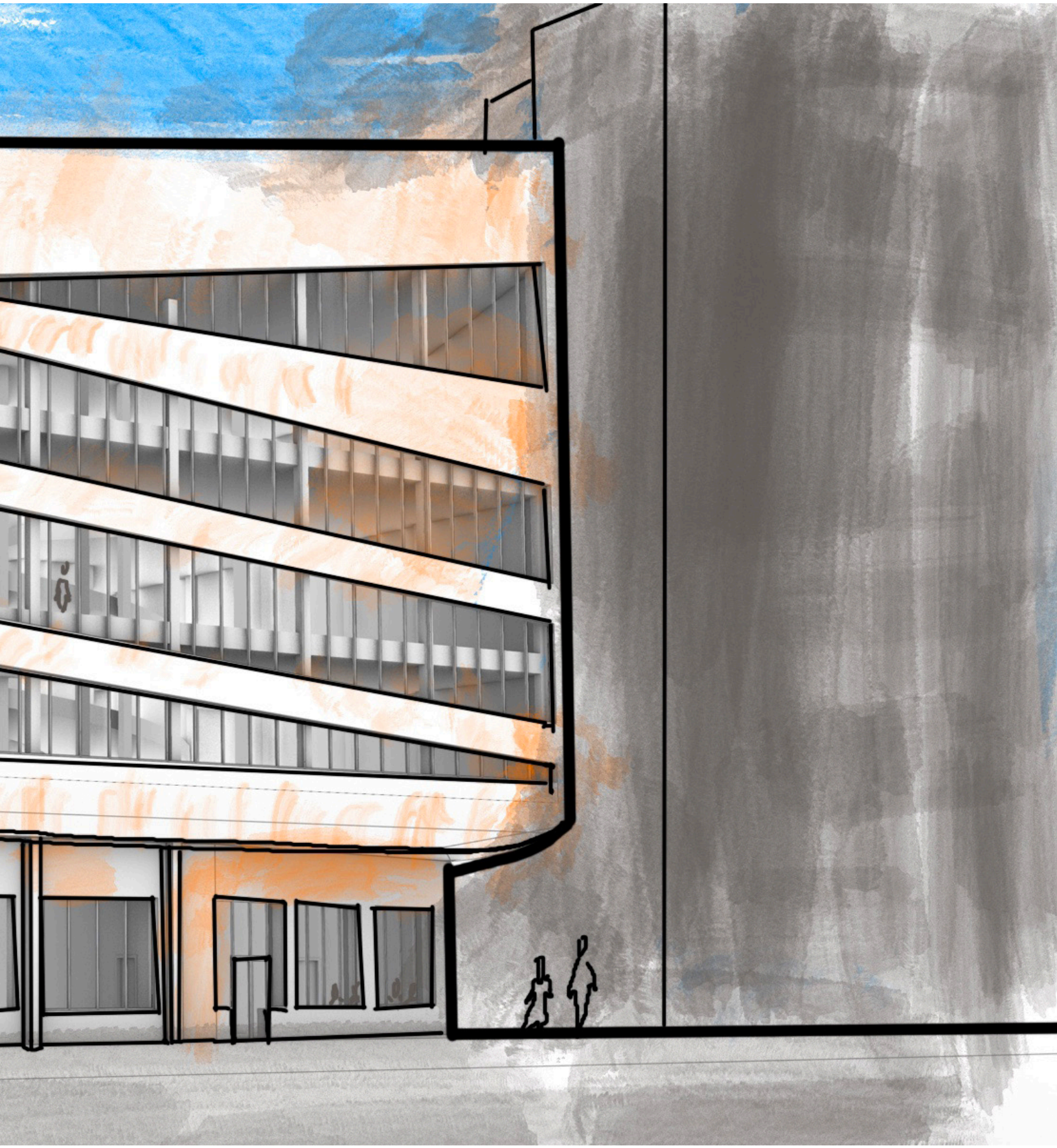


04 ORBIT

This studio's theme was the Portland Skatespace. We were provided an infill lot that required us to build up and explore vertical circulation.

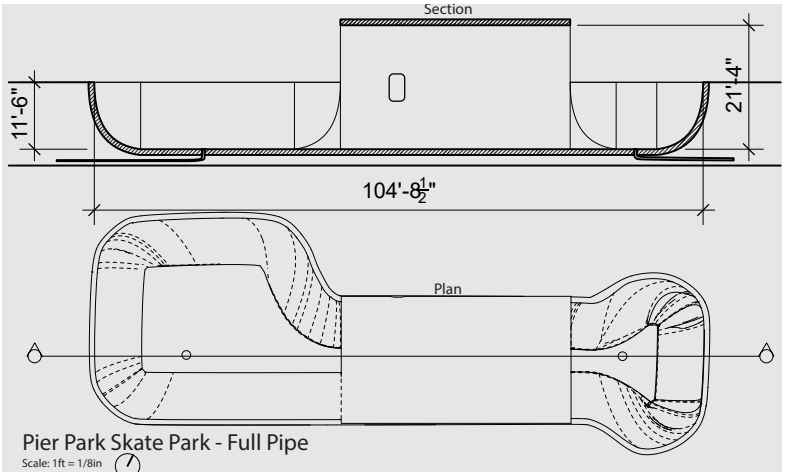


Approach perspective showing the sloping facade that matches the angle of the interior ramps

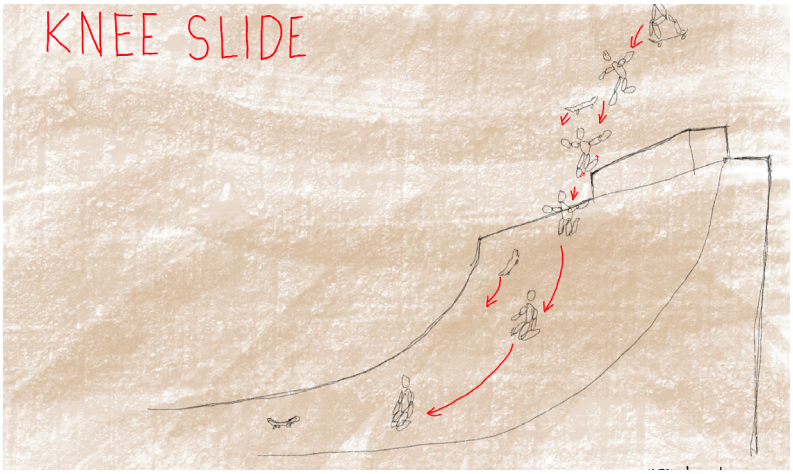




Skate collage



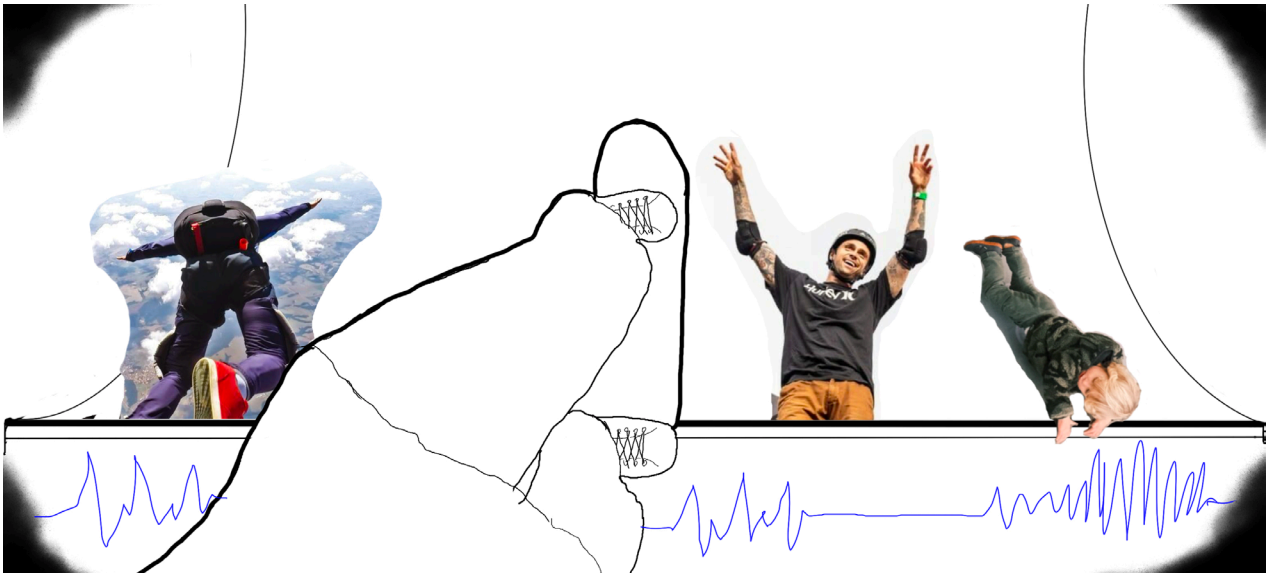
Obstacle exploration



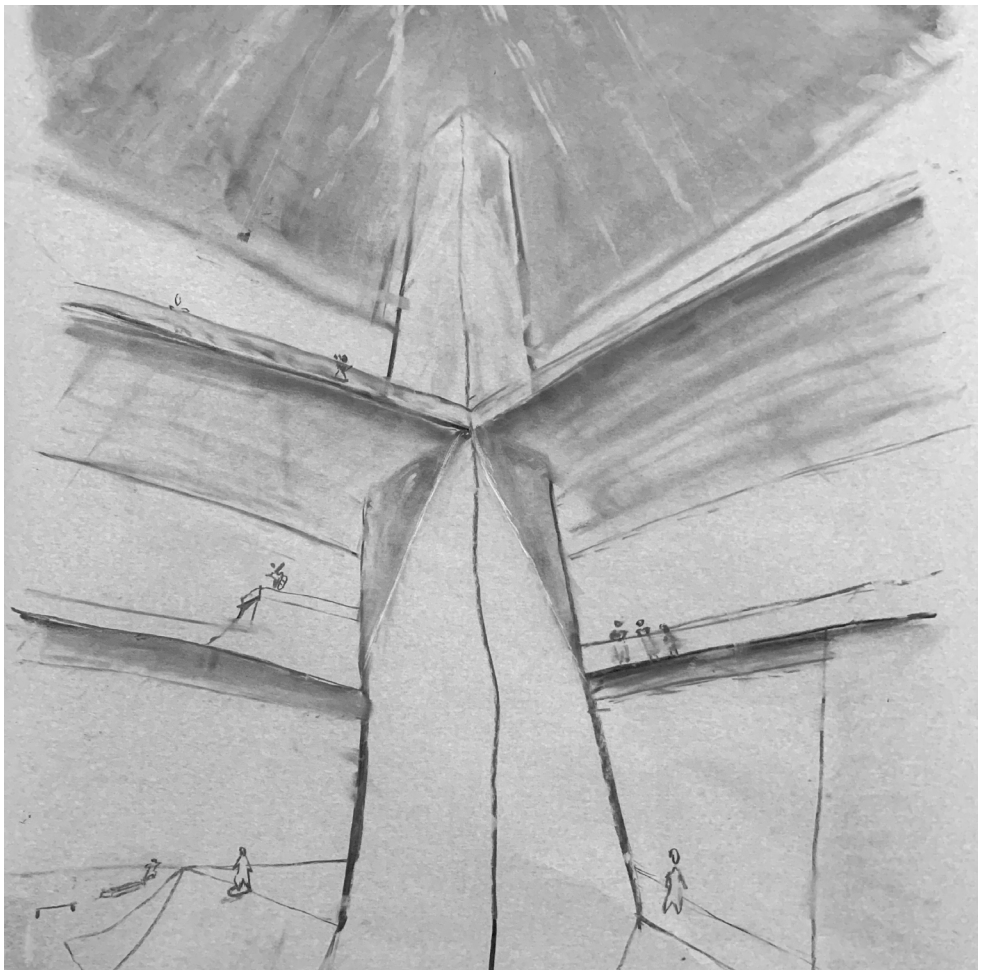
Movement study



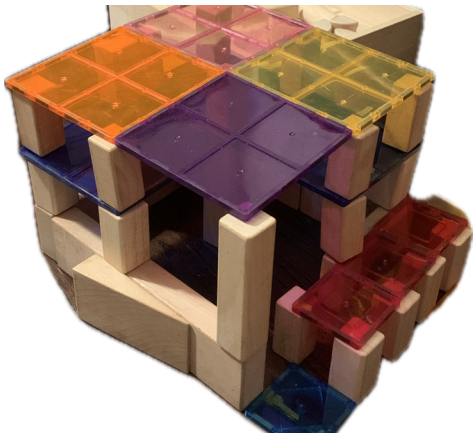
Gravity collage emphasizing the attraction and orbiting nature of the proposed project



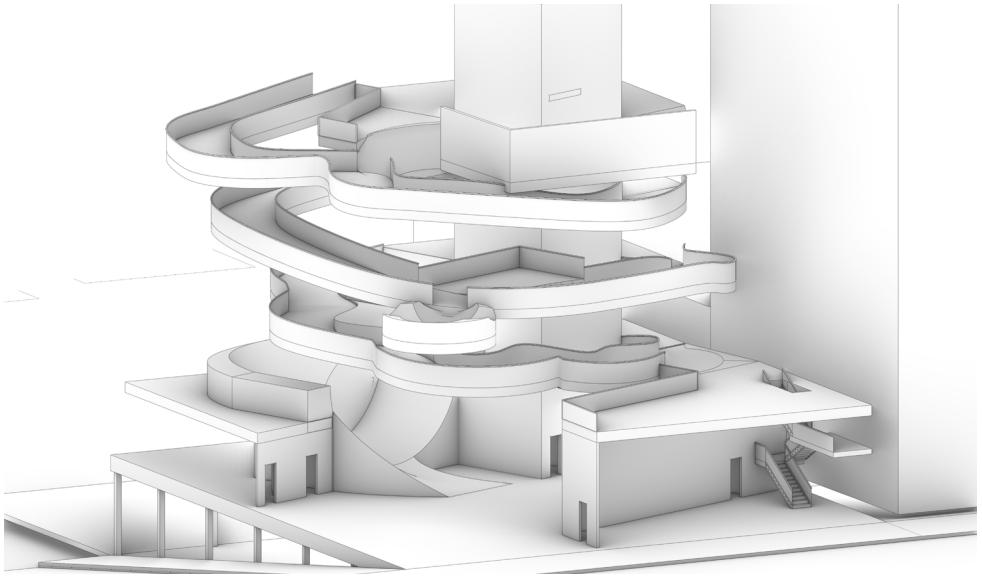
Drop collage inspired by the moment leading up to "dropping" into a skate ramp



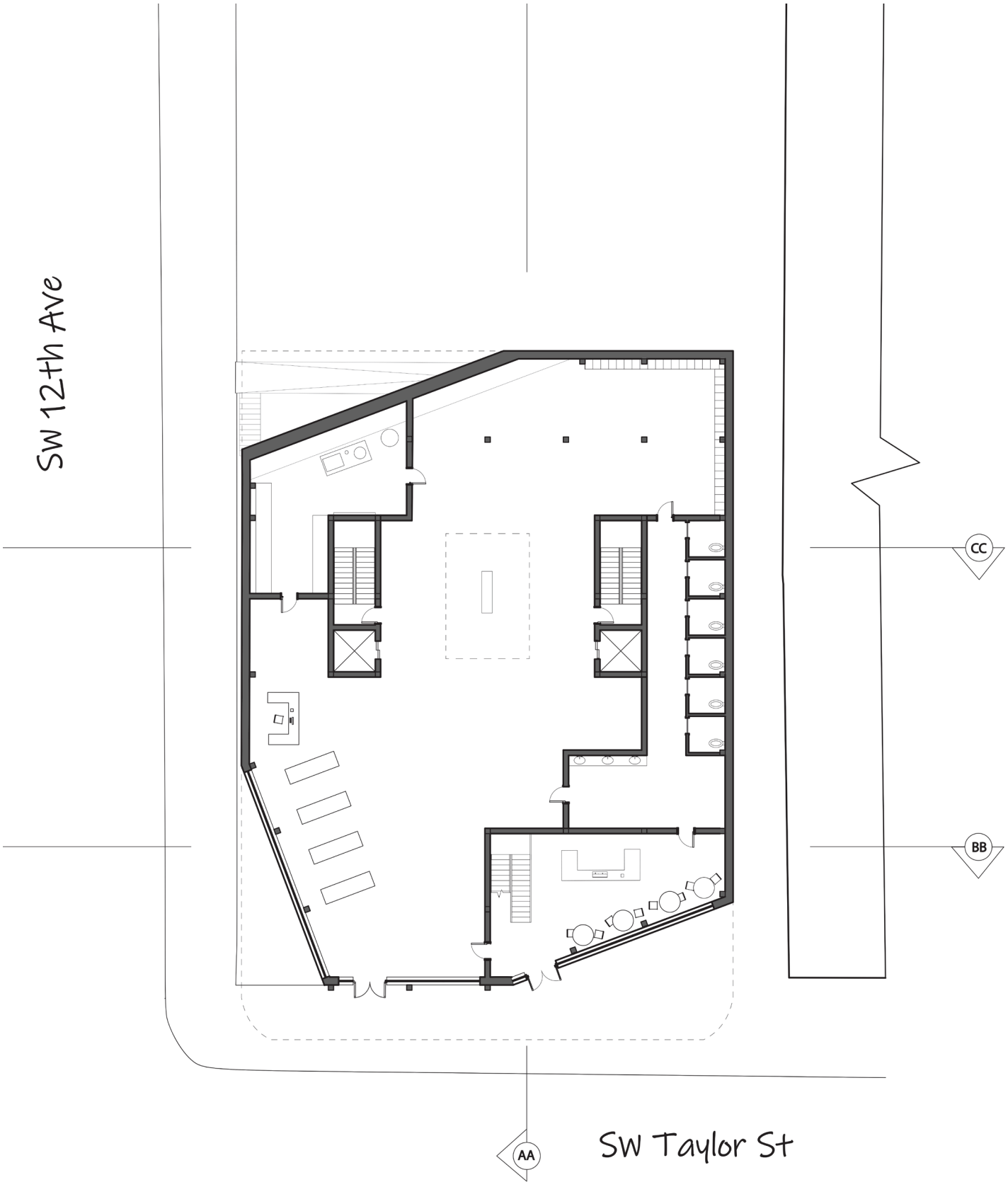
Interior perspective emphasizing the connection across levels



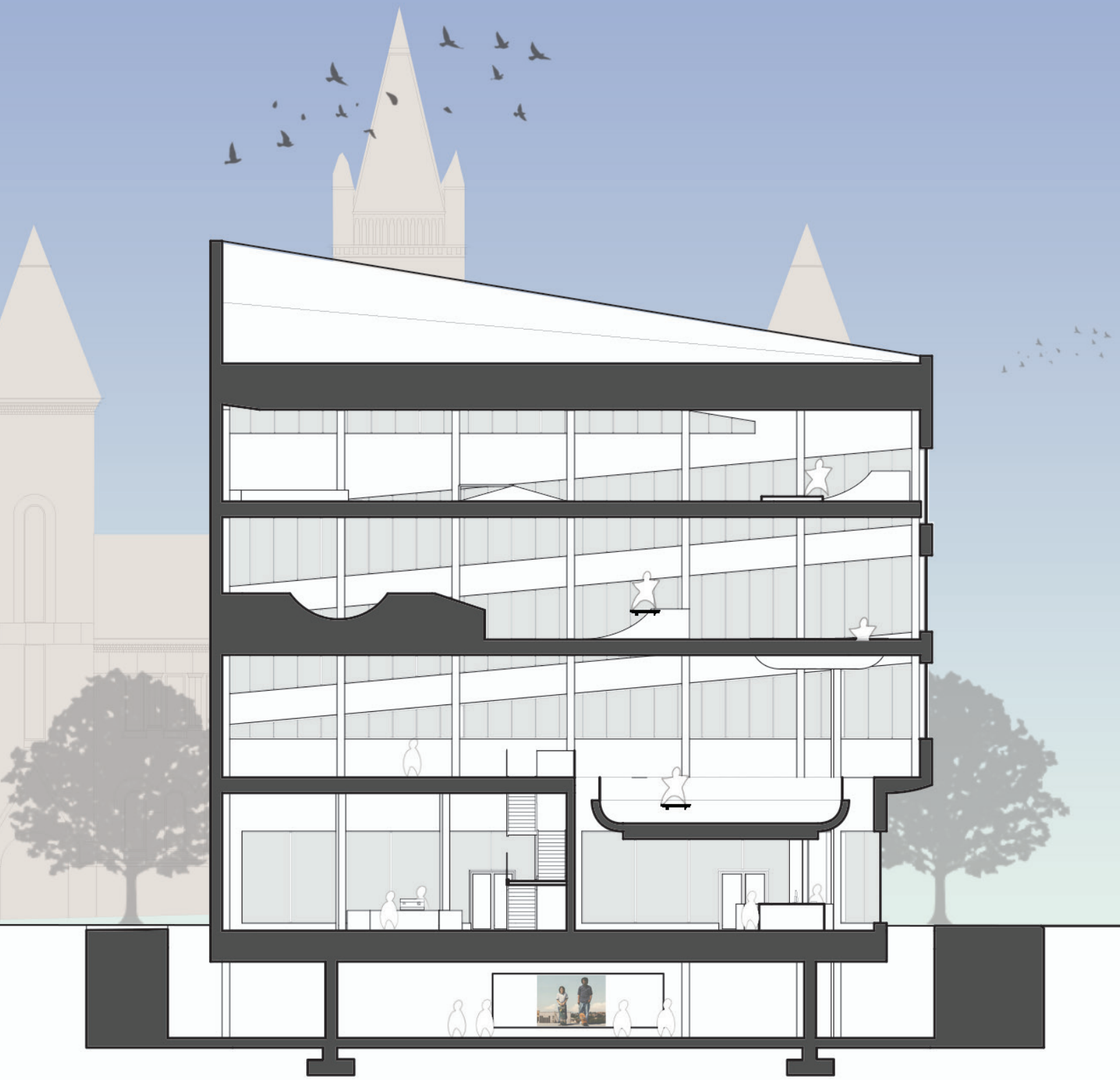
Sketch model exploring levels



Interior circulation model exploring connections



Ground floor plan with retail area and cafe



Section highlighting activity on the various levels



Interior model view showing the continuous ramp



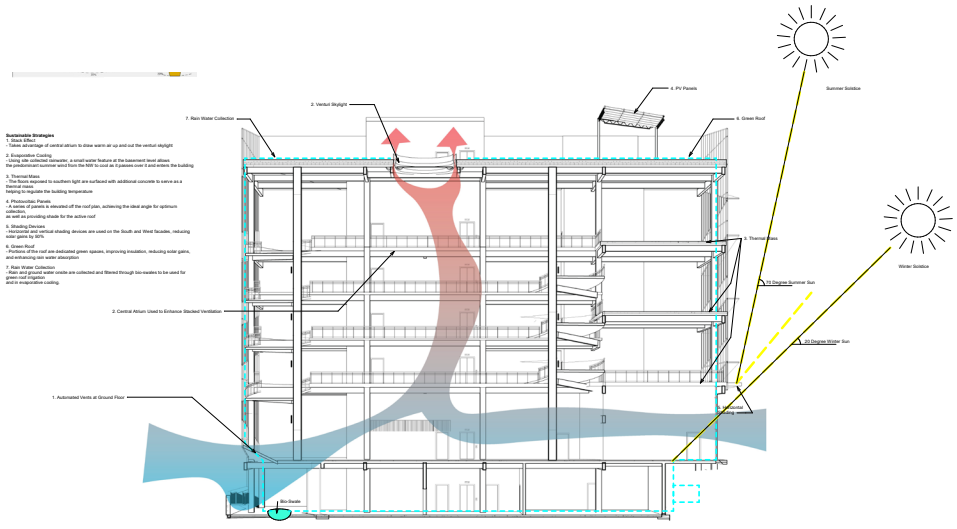
Detailed 1/8th model highlighting the connection between the facade and interior skate spaces

05 ORBIT DETAILED

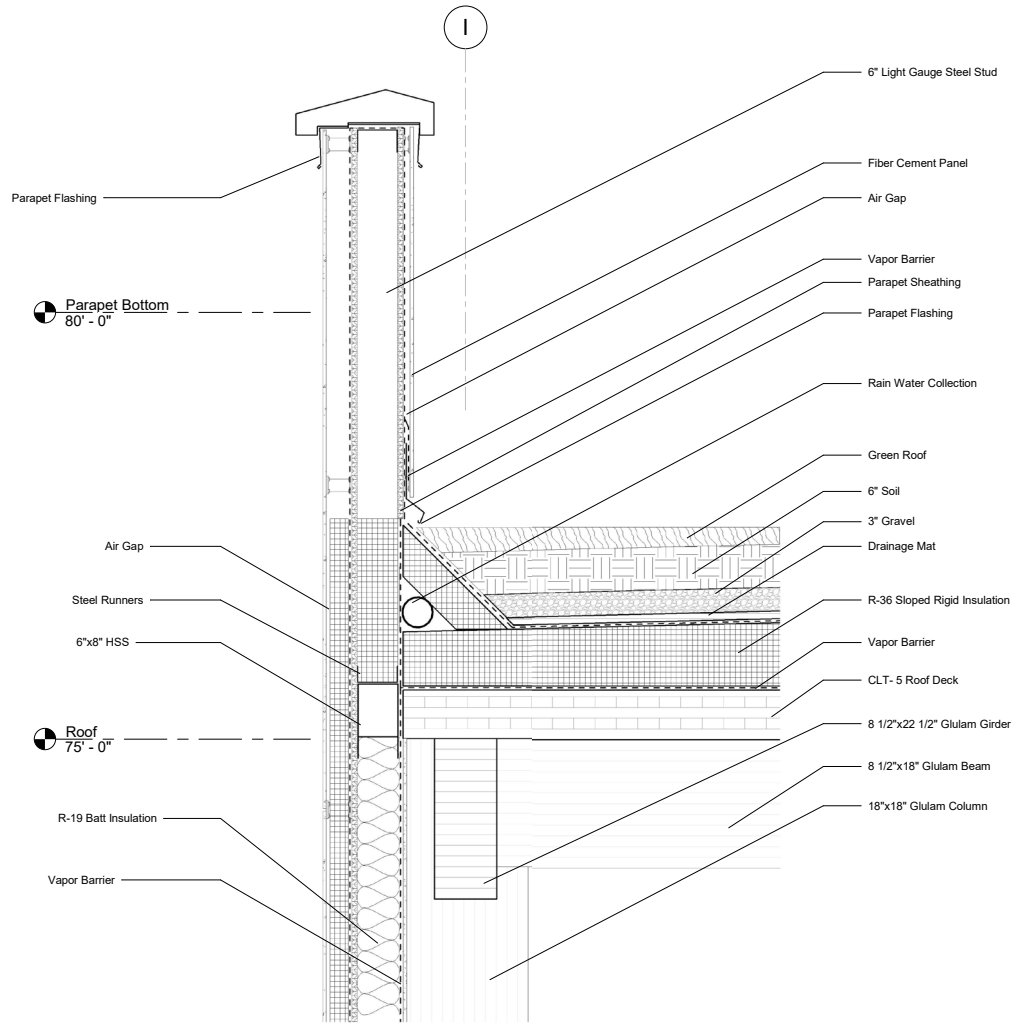


Rendering from Revit highlighting detailed design including solar shading

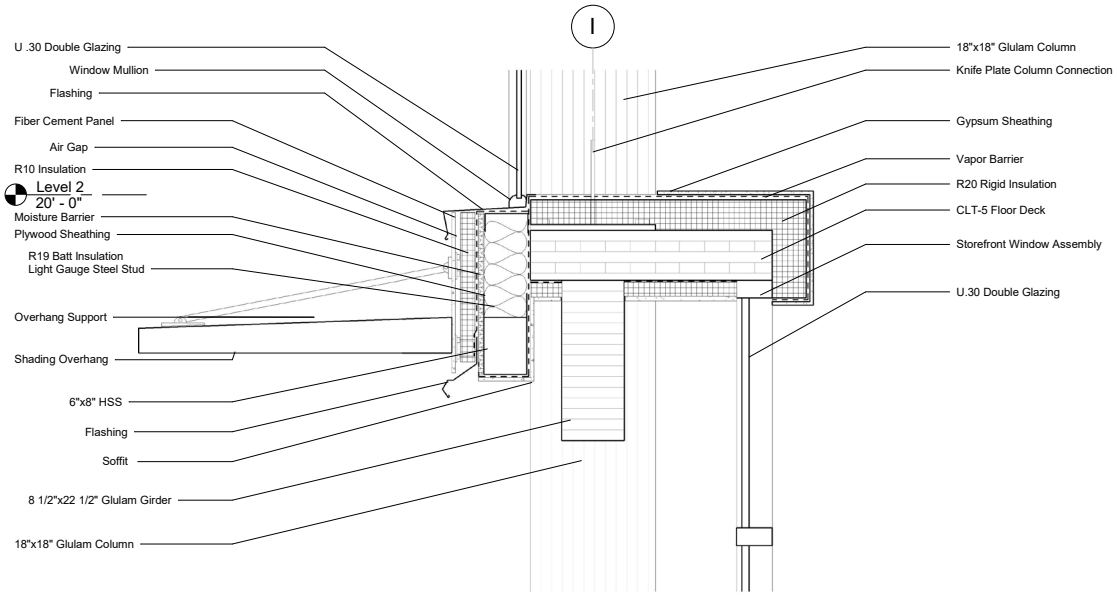
This studio built on the previous project (Orbit Skatespace), building out a design development set of drawings.



Sustainable Strategies



1 Parapet Detail
1" = 1'-0"



3 Storefront Setback Detail
1" = 1'-0"

06 SUPPORT AND WHIMSY (THESIS)



Section perspective looking East



My graduate thesis centered around the adaptive reuse of a 1980s office building, re-imagining it into child centered co-housing for Portland State University (PSU) students with children.

Levels 5 - 10
Residential units and communal spaces

Level 4
Maker spaces and art studios

Levels 2 &3
Tenant parking and storage

Ground Floor
Retail, co-housing amenities, skate space and parking entrance



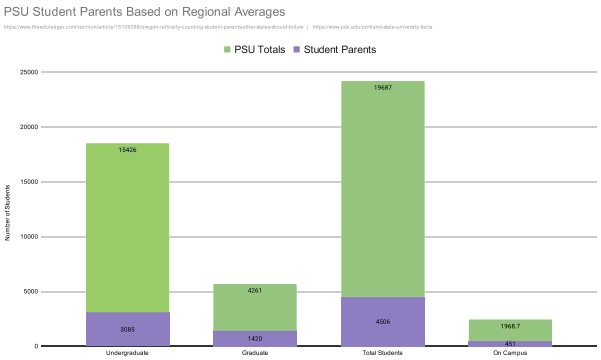
Existing Building



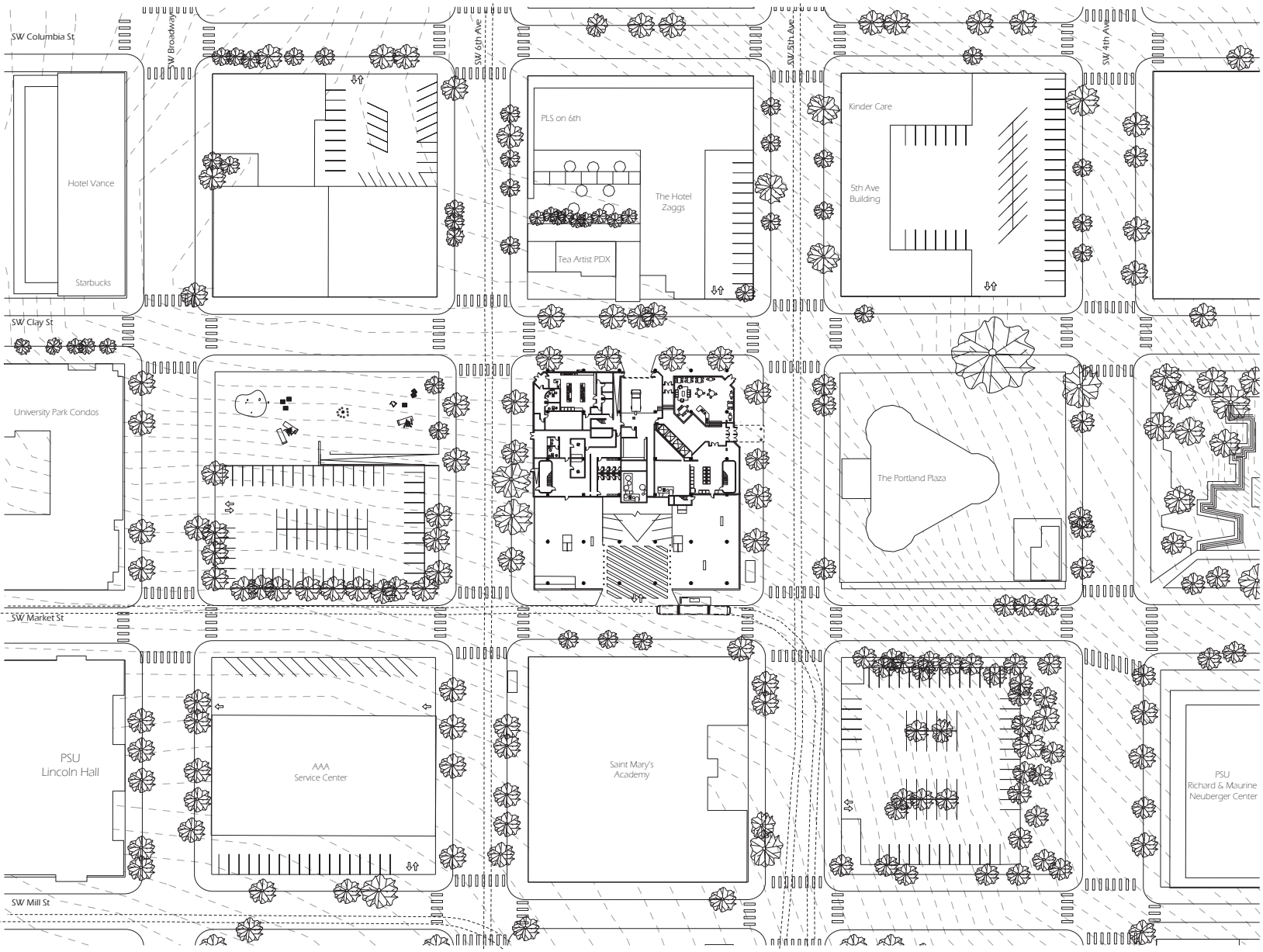
Re-imagined Building



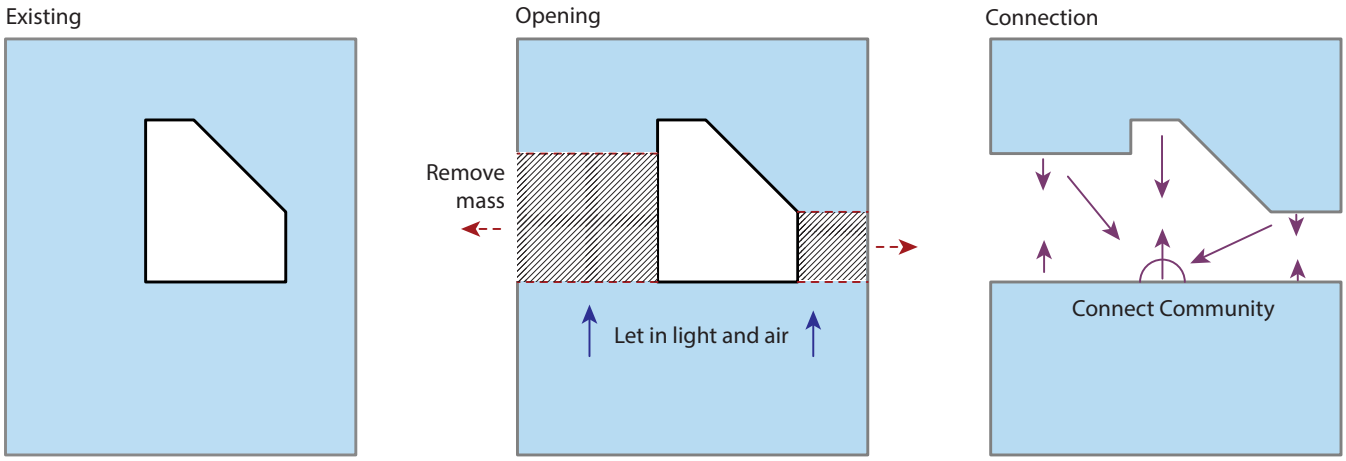
Context map highlighting local amenities and lack of family housing for students



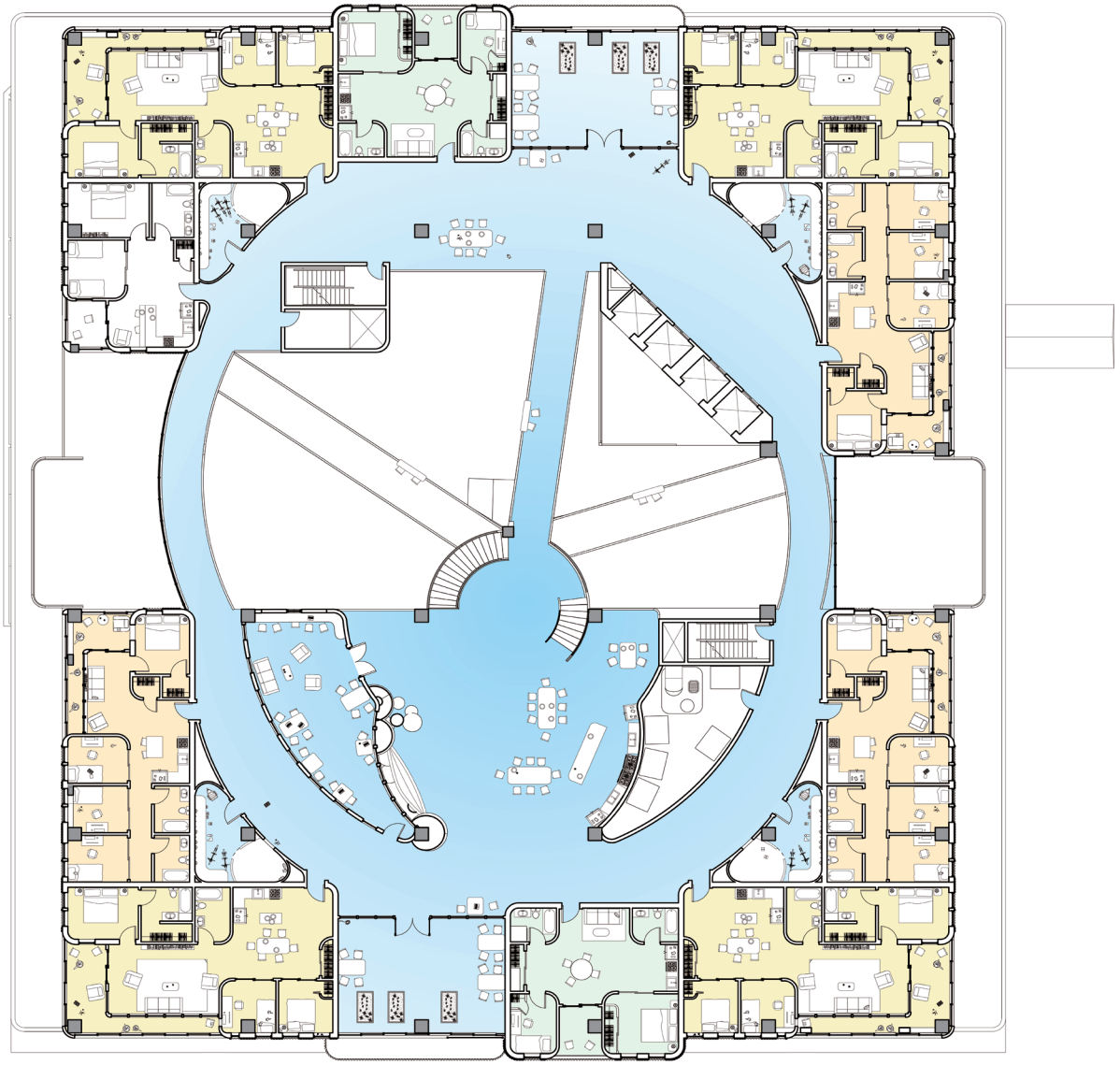
student-parent statistics



Site Plan
Scale 1ft = 1/32in



Parti diagram



Typical Residential Floor Plan
Scale 1ft = 1/8in

Communal Space
3 BR Unit
4 BR Unit
2 BR Unit

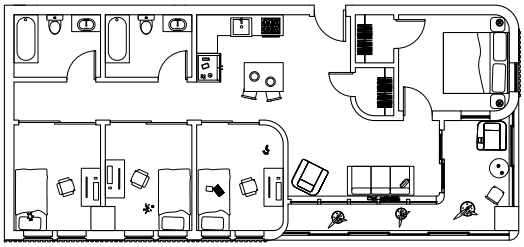
The Collective



Household A
Three boys:
Ron - 7
Frank - 5
Gus - 3
Ron and Frank go to Elementary school and Gus Attends local pre-school.

Mom: Renee - 29
Is the home maker and active community memeber

Dad: Lawrence - 37
Attends PSU in his last year of the Masters of Architecture Program

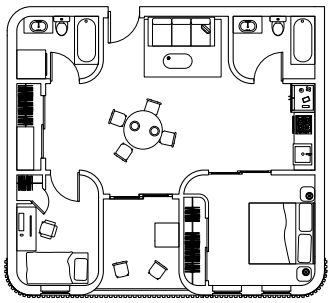


4 Bedroom 2 Bath
1,200 Sqare Feet
18 Units in building
3 Units Per residential level



Household B
One Teenage Girl:
Deborah - 14
She attends Lincoln High School

Dad: - 45
Attends PSU in the computer science undergraduate program.



2 Bedroom 2 Bath
950 Sqare Feet
12 Units in building
2 Units Per residential level

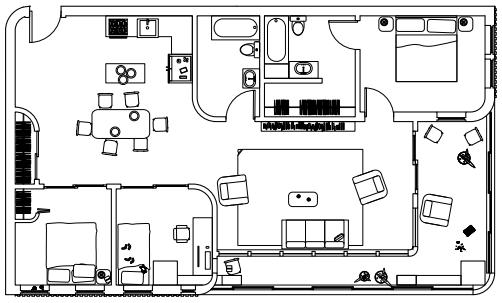


Household C
One boy:
Amos - 9
Attends Elementary school

Mom: Stella - 38
Attends PSU in her first year of the Masters of Buisness Administration program

Dad: Everett - 42
Works on a design team at Addidas

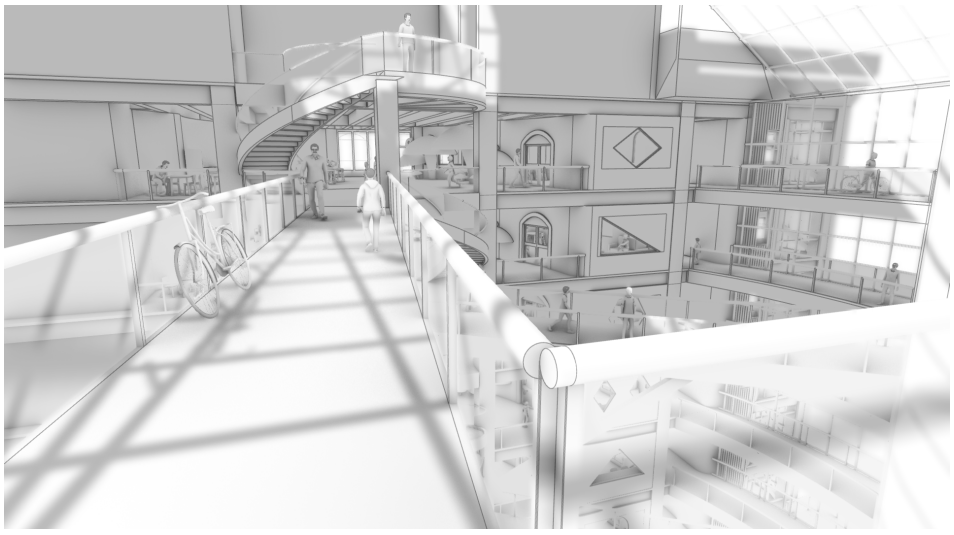
Grandma: Heather - 65
Lives with her daughter (Stella) and son-in-law.

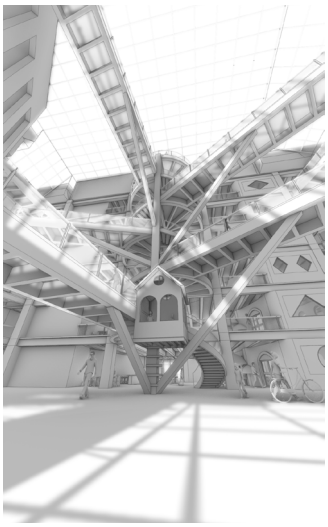


3 Bedroom 2 Bath
1,500 Sqare Feet
24 Units in building
4 Units Per residential level

60 Total units
24 x 3 Bedroom Units
18 x 4 Bedroom Units,
12 x 2 Bedroom Units
6 x 2 Bedroom Guest Units

30 units <6 yrs lease
24 units long term lease
6 units permenent guest units





Perspectives from intricately detailed Rhino model

Thank you for viewing

Luke Player



playerle8@gmail.com