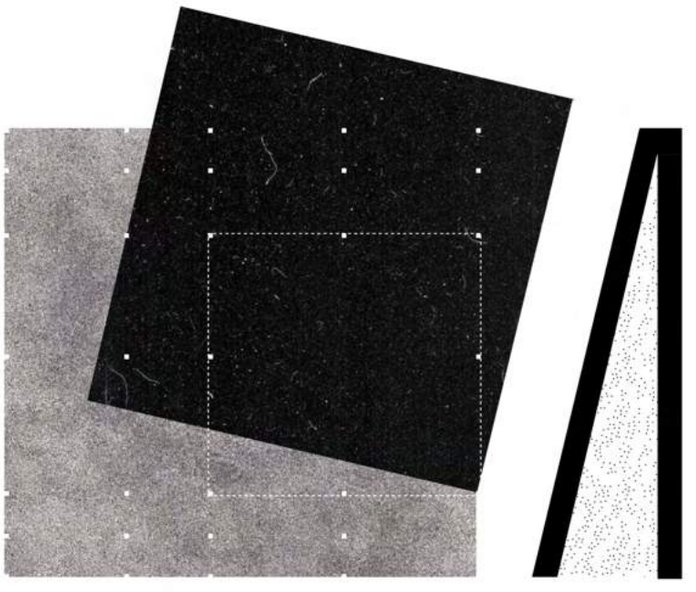
# SARRA STARBIRD

architectural portfolio.



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cal poly pomona department of architecture


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# Rec*lay*ming



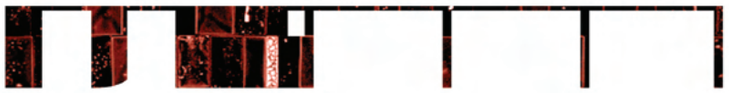
*Outdoor Studio Lab*



*Industrial Studio Lab*



*Fine Arts Studio Lab*

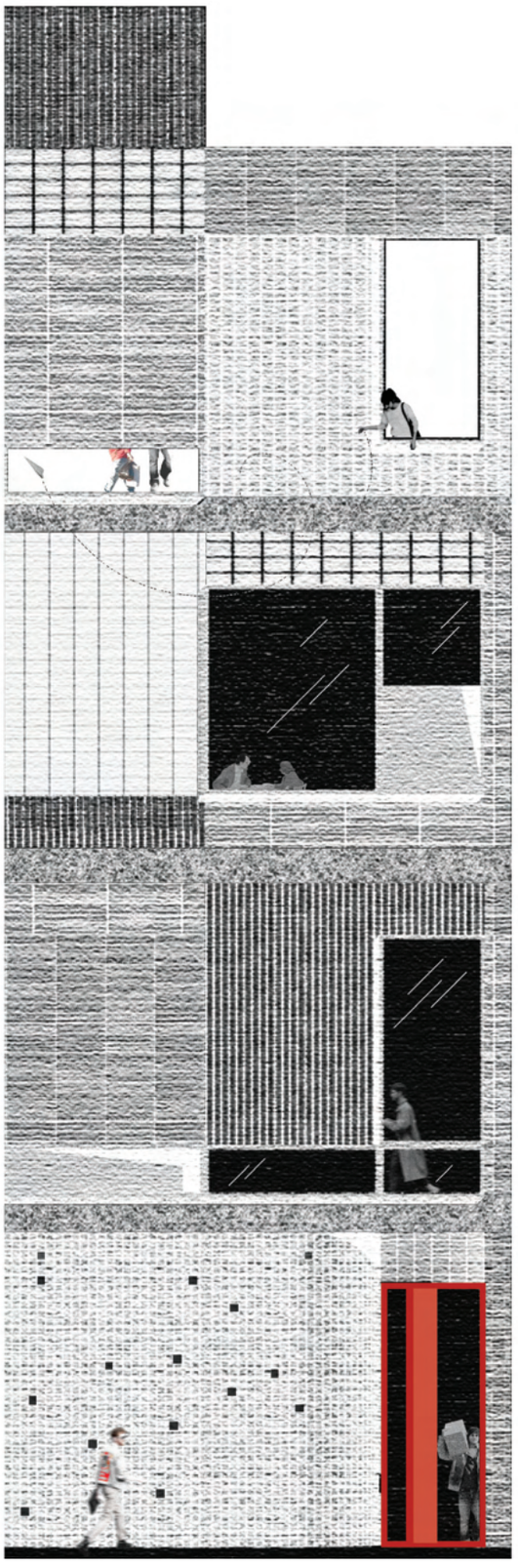


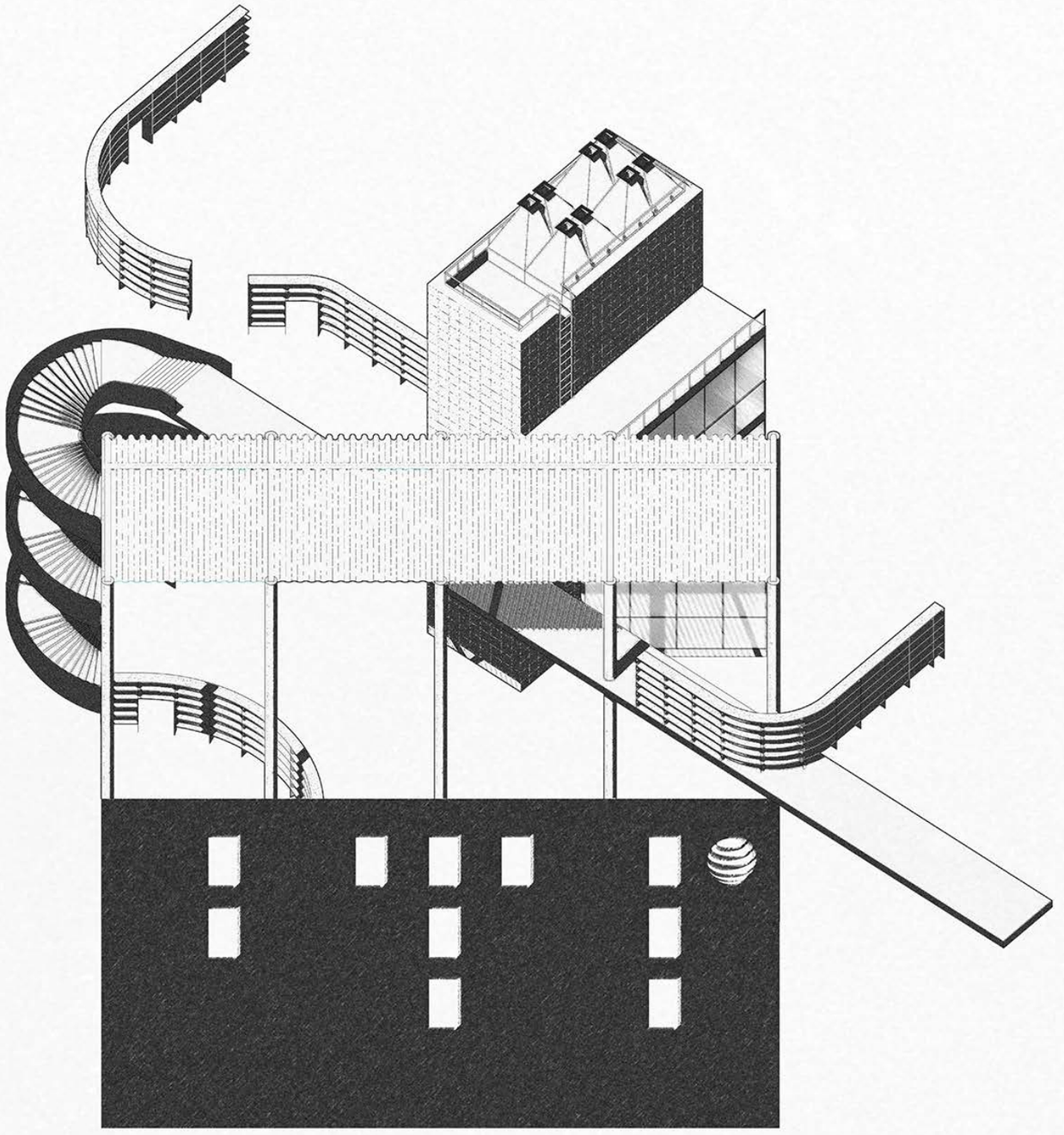
*Community Ceramics*

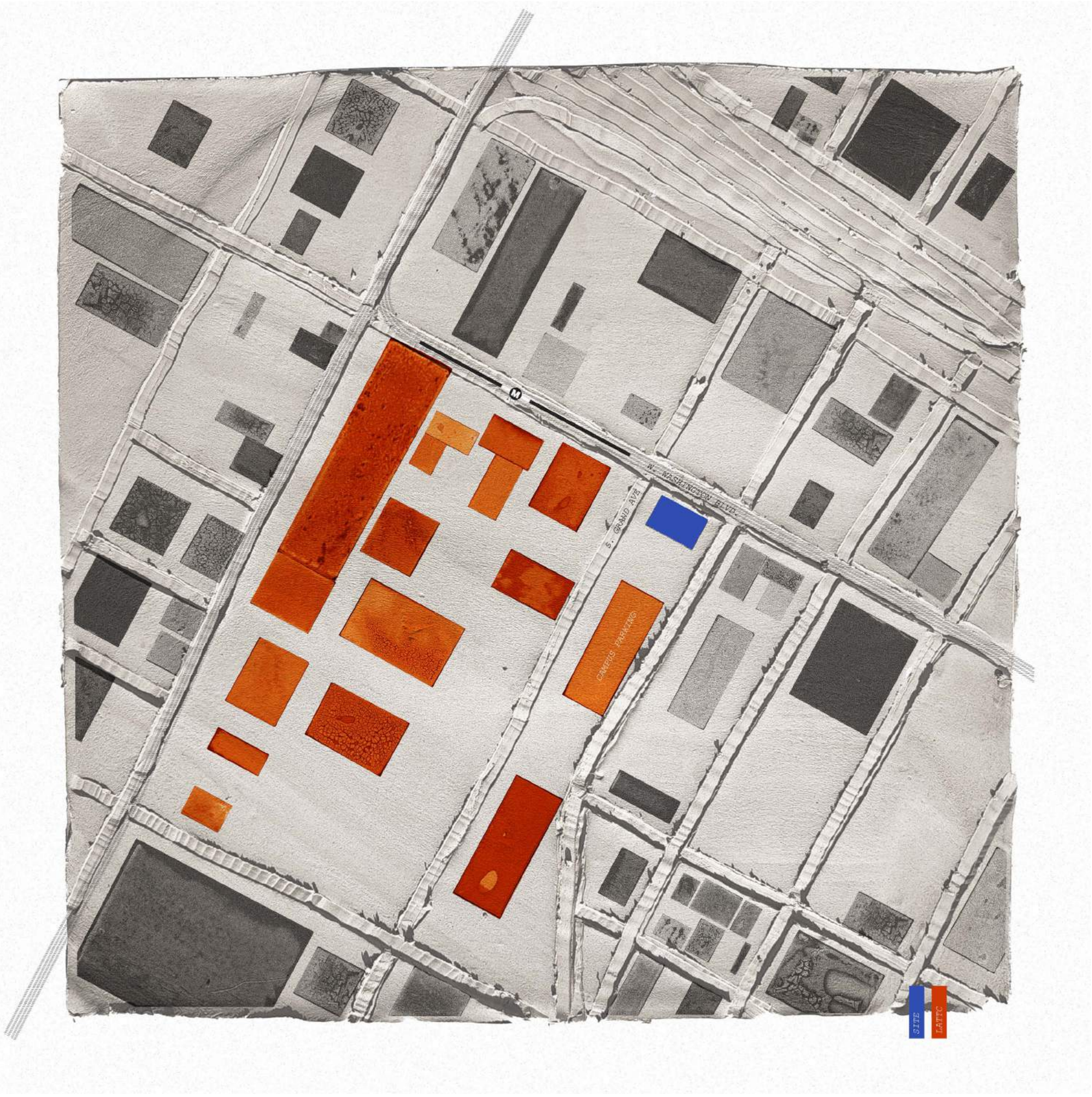
**The Doyle Lane Center for Ceramic Design**
*Robert Alexander Studio - Senior Capstone 2021, 2022*

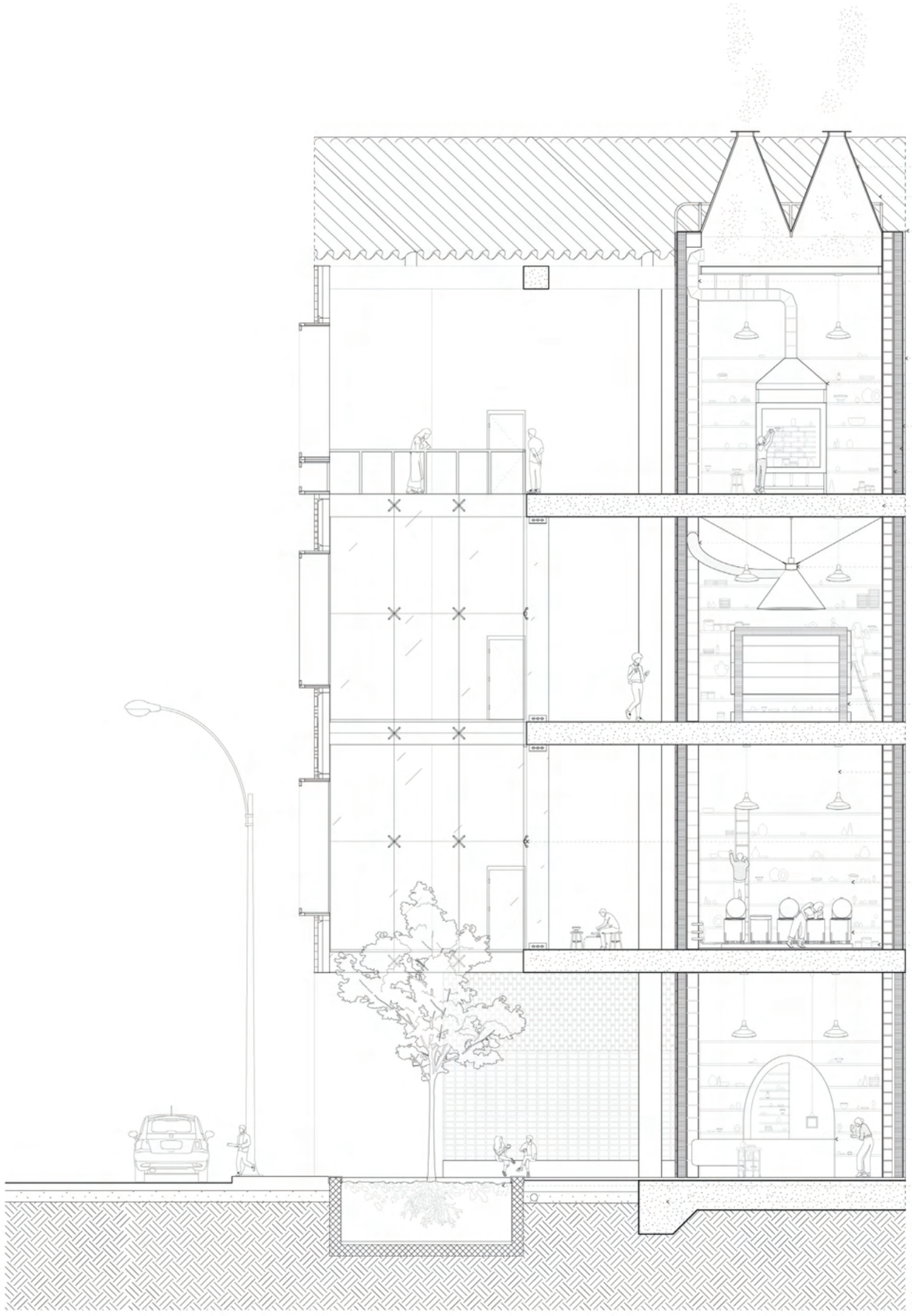
The Los Angeles Technical Trade college in South Central LA encourages growth of Design/Media, Construction Sciences, and Culinary arts to name a few. Los Angeles is home to a largely growing ceramics community, one of which demand is outweighing LATTC's current department facilities. By reclaiming the adjacent AT&T data center building projected to be moved due to expansion, this reuse will house the education and exploration of emerging ceramicists.

Prominent Los Angeles Ceramicist Doyle Lane was known for utilizing tactile glazes within his ceramic murals. In honor of this prominent figure, The Doyle Lane Center for Ceramic Design and production is an expansion to the LATTC curriculum, one that is fueling the flame for ceramic exploration. Nestled adjacent to the Metro Blue blue line and the Intersection of the 10 and 110 freeways LATTC campus has strong ties to the Los Angeles community. I am proposing to adapt the remaining non campus building on the LATTC Campus block. This will help unify the college in its relation to the campus's main street: West Washington Boulevard. The heat of this project creates a tie between differing backgrounds and crafts, linking passion through flame. This project aims to engage the Los Angeles ceramics community and create an outlet for the craft, sculpturally and architecturally.

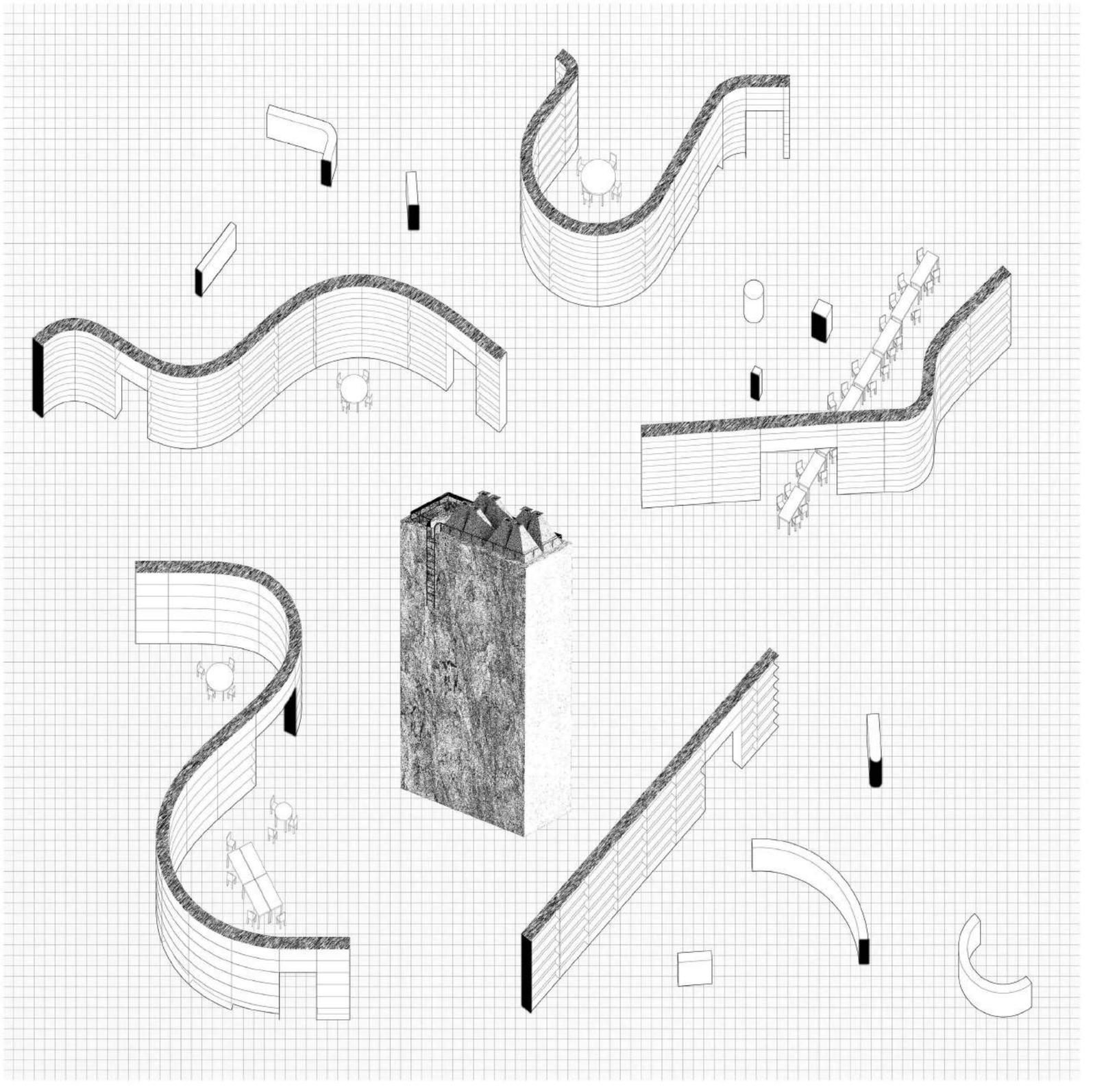





W. WASHINGTON BLVD.
S. GRAND AVE
CEMENTS PARKING
SITE
LATTC

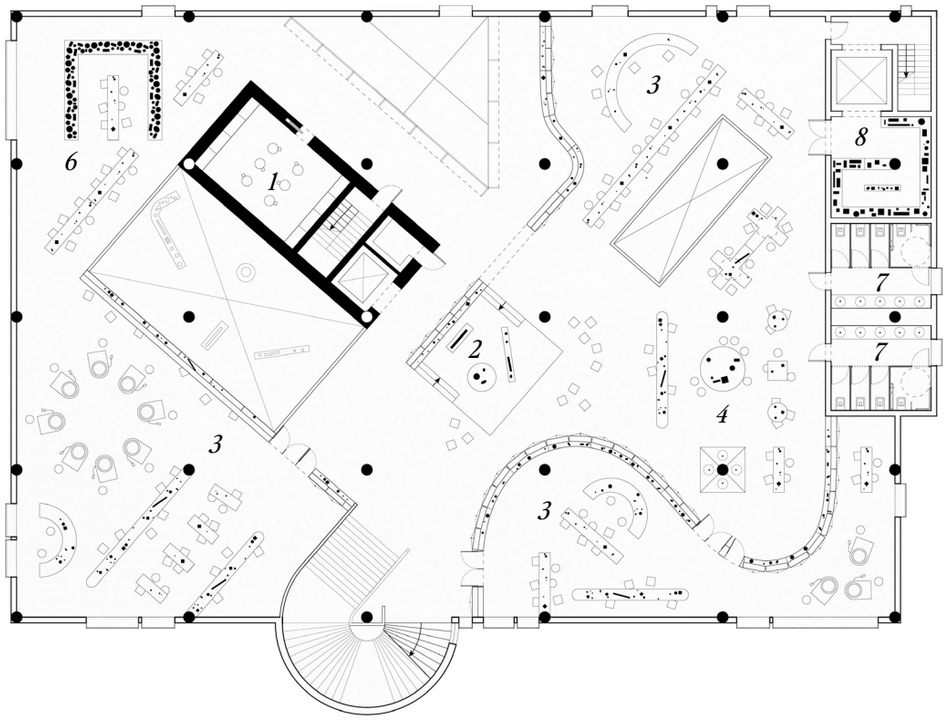



1. Chimney Cap
2. Corrugated Polycarb
3. Flashing
4. Exhaust Ducting
5. Ceramic Tile
6. Gas Kiln
7. Mortar
8. Rigid Insulation
9. W.P. Membrane
10. Concrete Slab
11. Ducting
12. Kiln Hood
13. Industrial Kiln
14. Lighting Fixture
15. Spider Fitting
16. Shelving
17. Electric Kiln
18. Glaze
19. Wood Kiln
20. Dirt
21. Footing

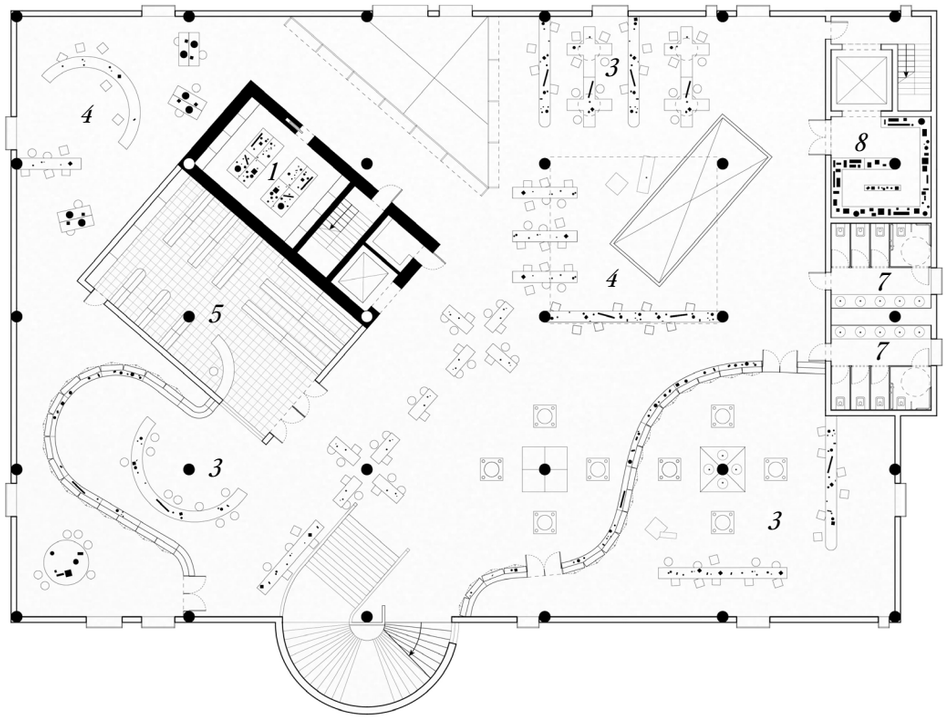





Ground Floor/Site Plan: Community Ceramics




Second Floor Plan: *Fine Arts Ceramics*




Third Floor Plan: Industrial Ceramics

*KEY*

1. Hearth
2. Student Showcase
3. Ceramic Studio
4. Communal Workspace
5. Materials Shop
6. Glazing/Drying Station
7. Restrooms
8. Storage

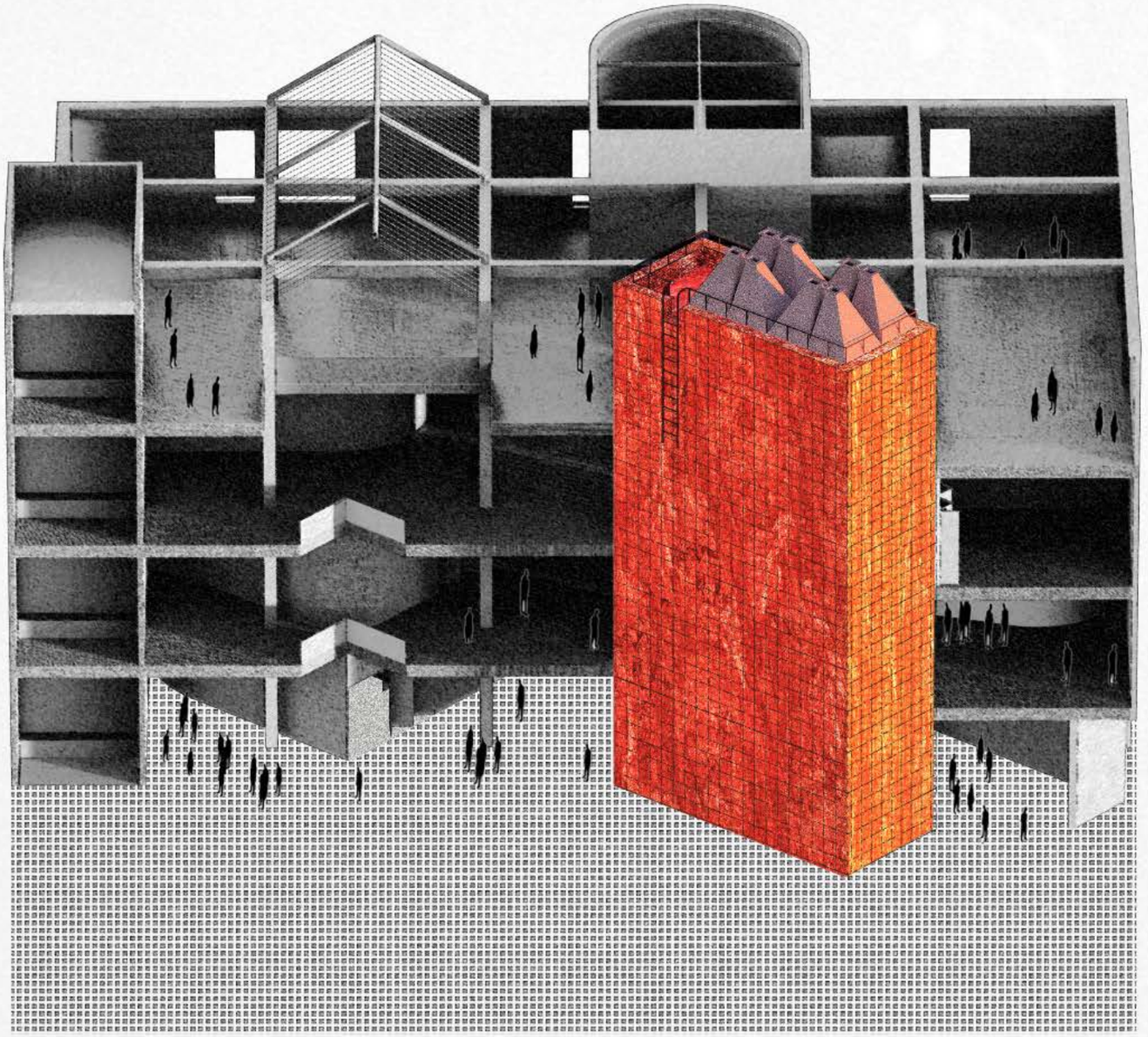


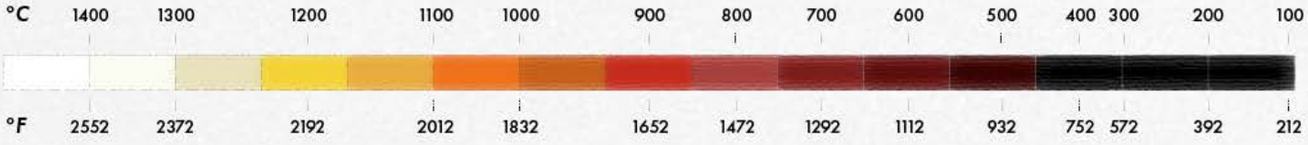




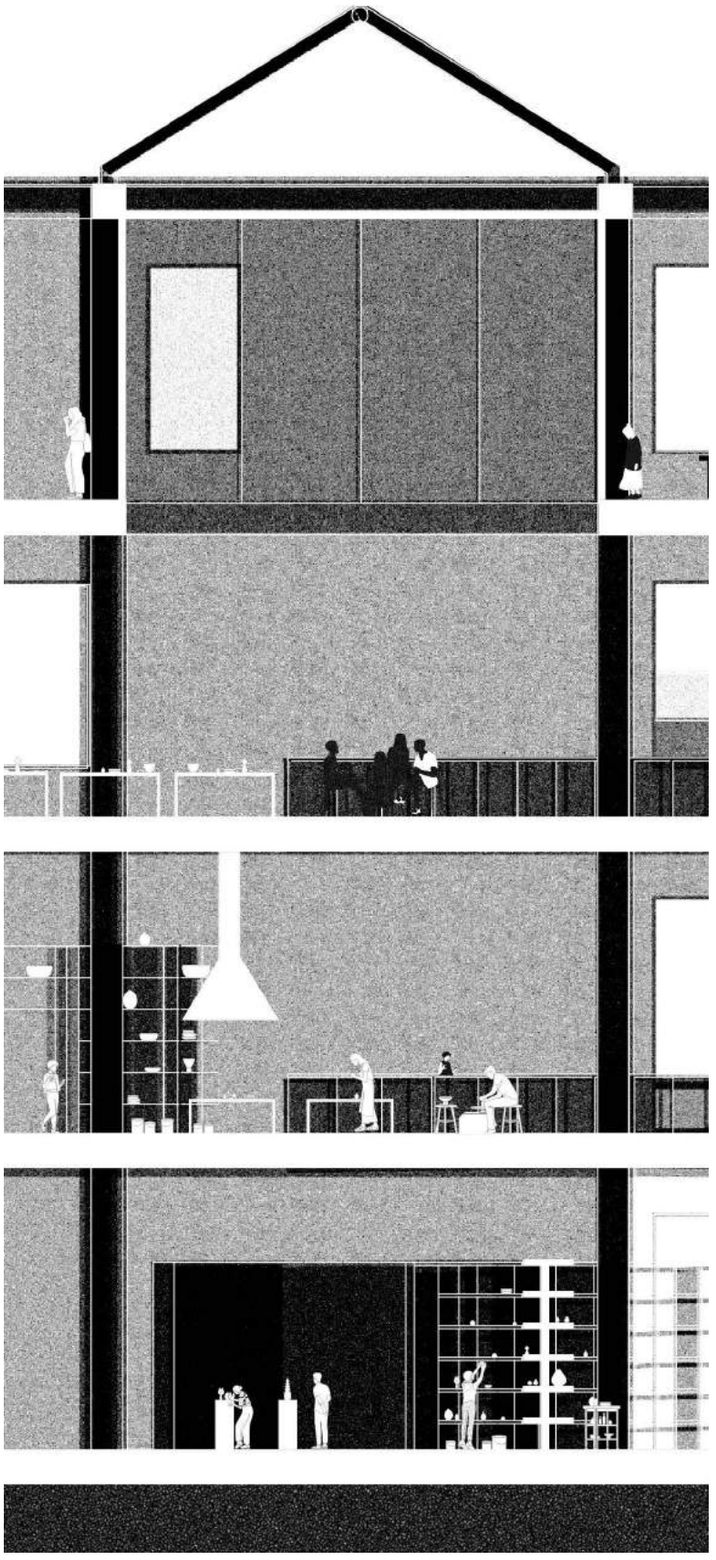


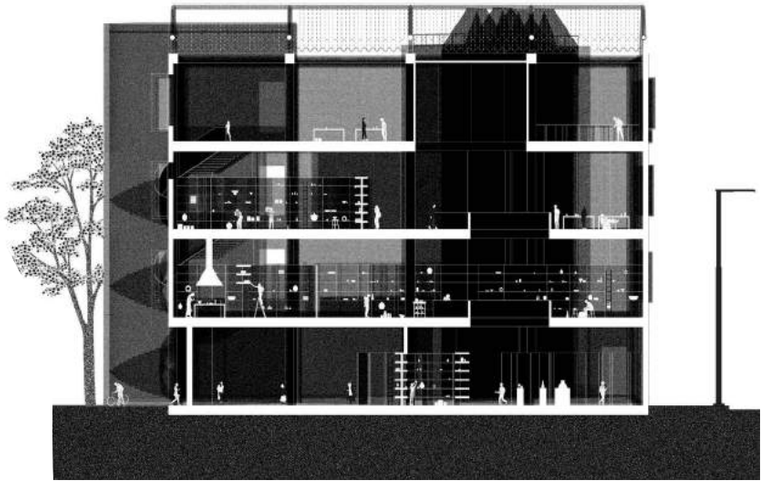


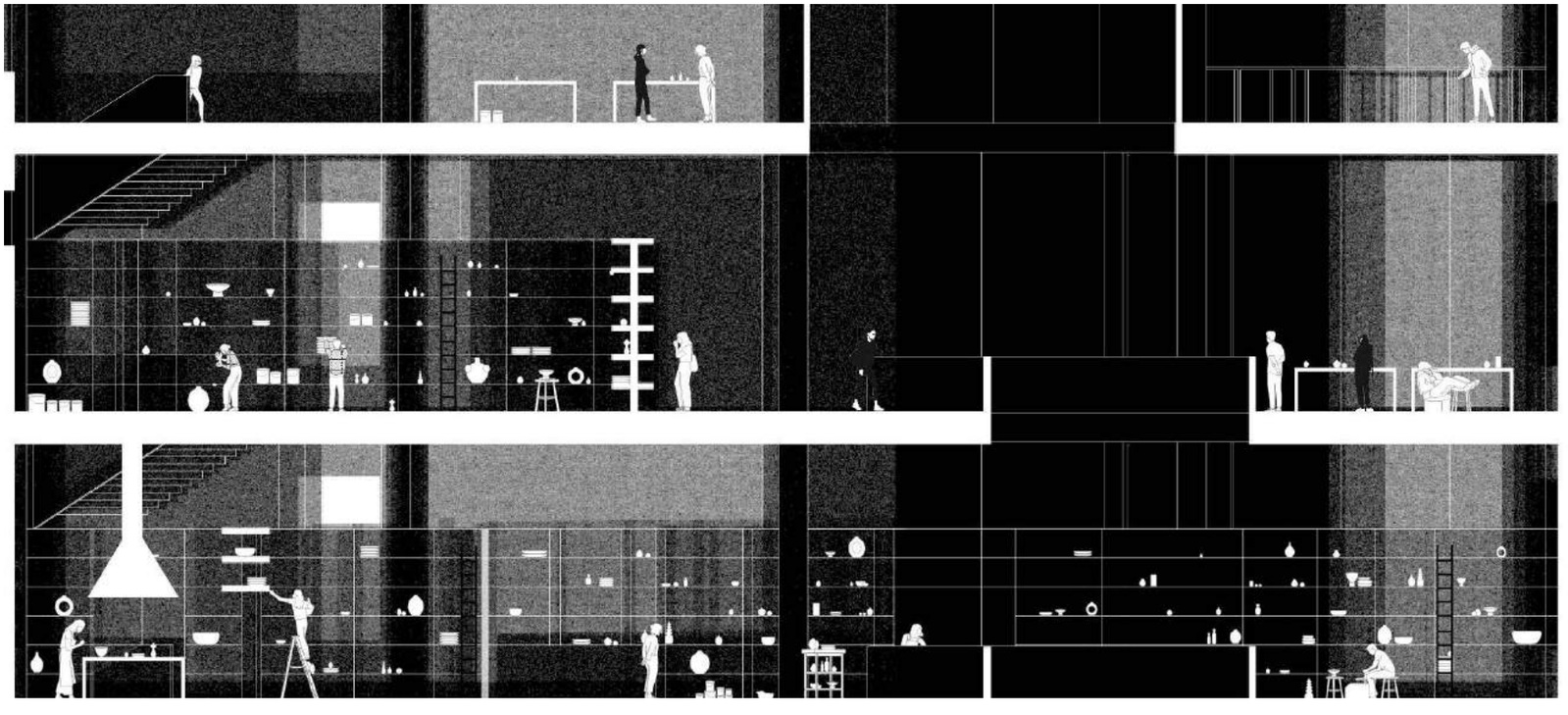



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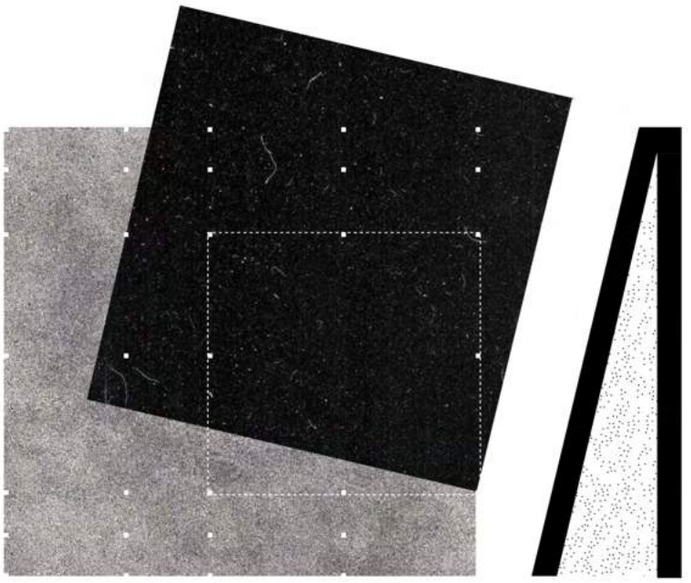








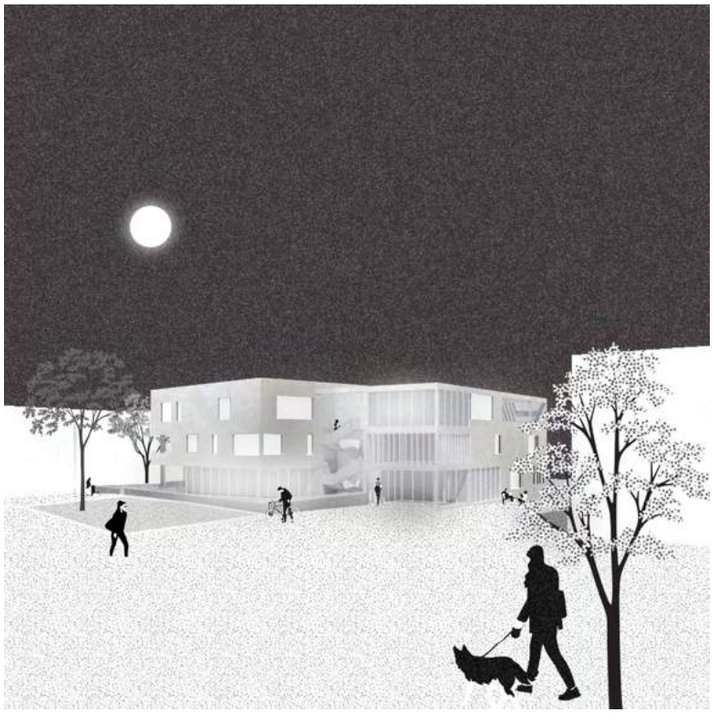
# PCC Student Center

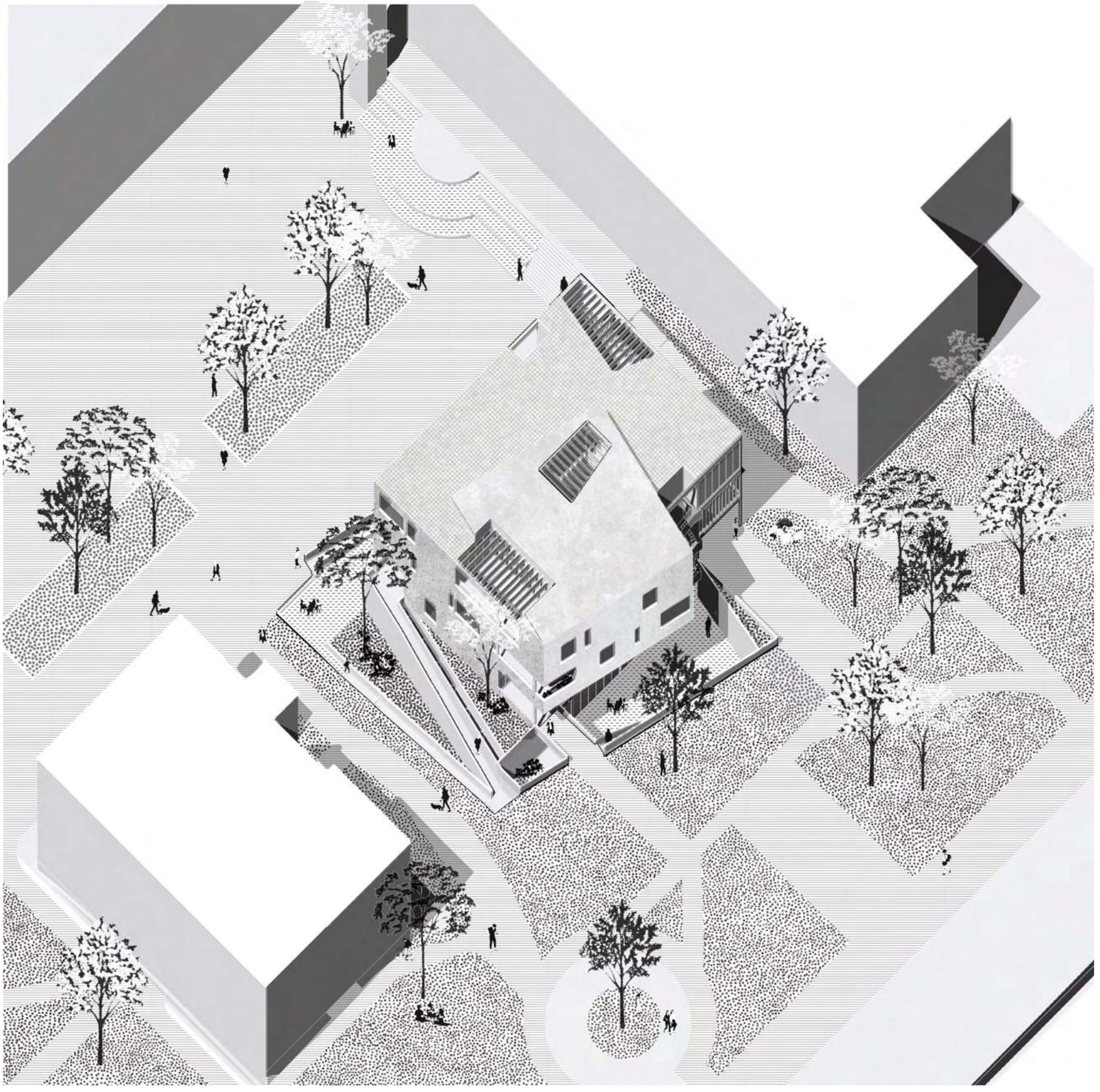


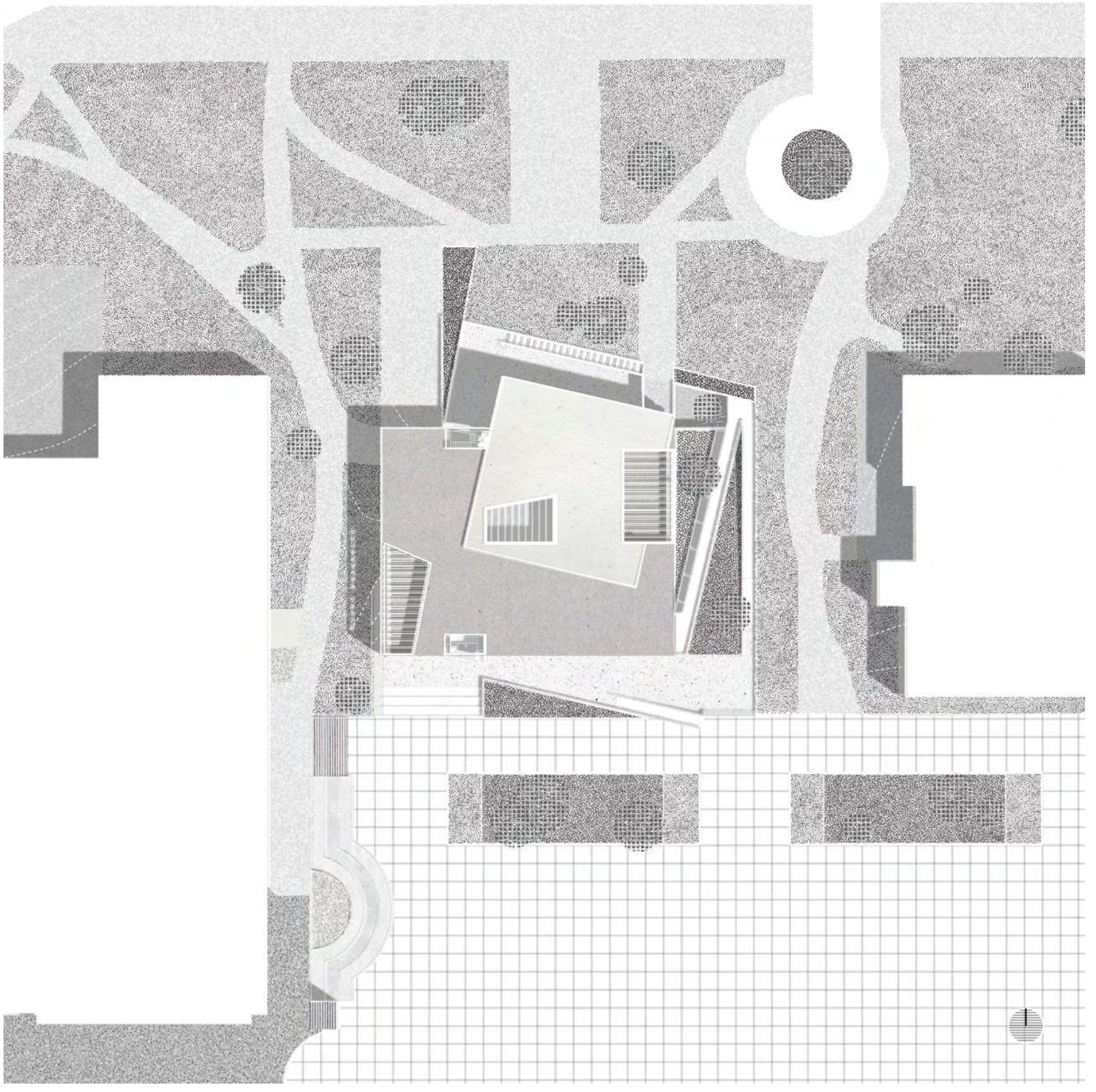
**1570 E Colorado Blvd, Building D**
*Sarah Lorenzen Studio - Fall 2021*

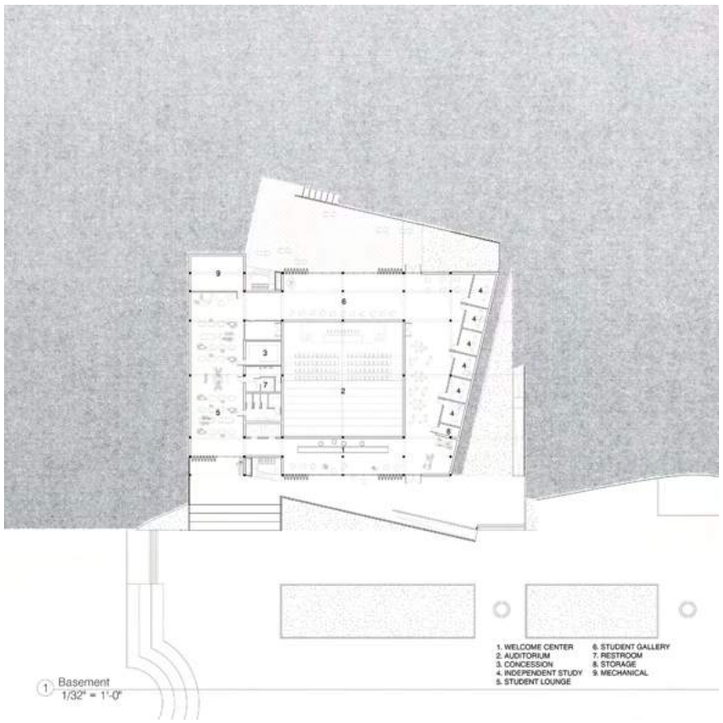
This proposal for the new Student Services building located on the Pasadena City College campus is intended to act as a backbone for the student life, a space people can go while seeking refuge or guidance. The first two floors house student activities and social events. Two ramps, accessible on either end of the building, connect the first two floors. This creates a through connection on the “basement” floor. Movable panels allow the outside in as well as creating cross ventilation.

On the basement floor is the auditorium and it is accompanied with a concessions stand. There are also intimate study spaces and an open student lounge for people to stop and be able to work outside of class. The ground floor is where you can find programs supporting student activities, there are club meeting rooms, an exhibition space, a coffee shop, grab and go market, and courtyards to work outside. The main circulation bar is consistent throughout the building. Students looking for more guidance can travel up to the second floor where they can find counseling services, transfer center, black student center, and the financial aid
office. Outside of these programs there are informal seating areas where students can spend their time relaxing, socializing, or studying. The third floor provides the most informal learning spaces as well as outside courtyards for people to reflect, or relax as well as being productive.

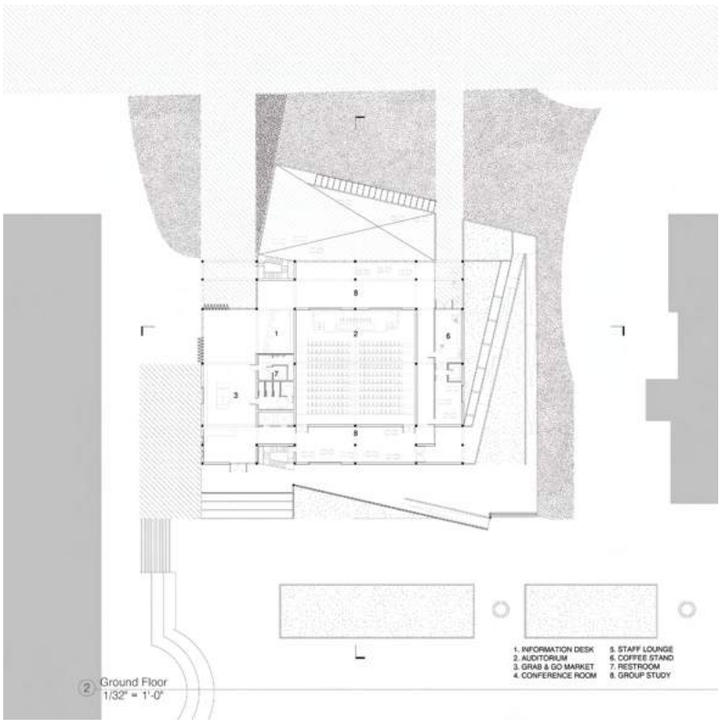




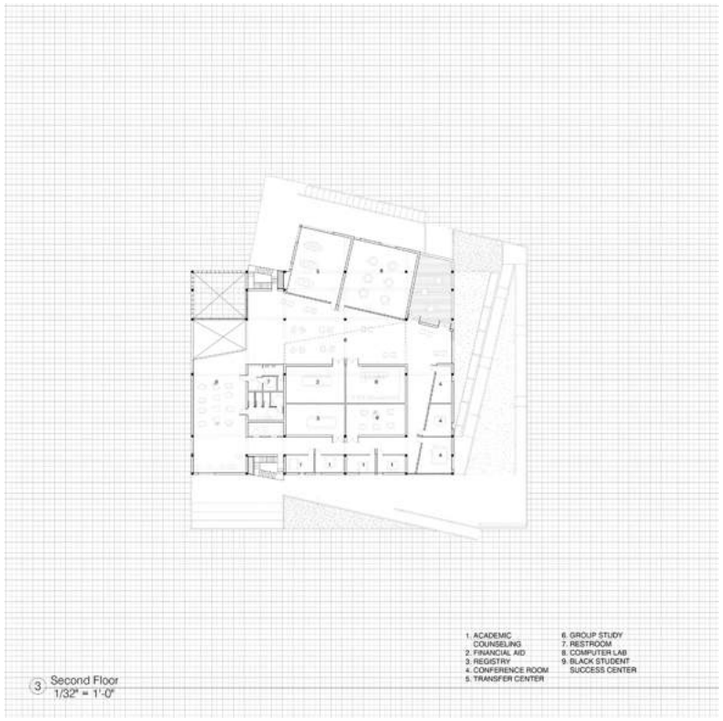




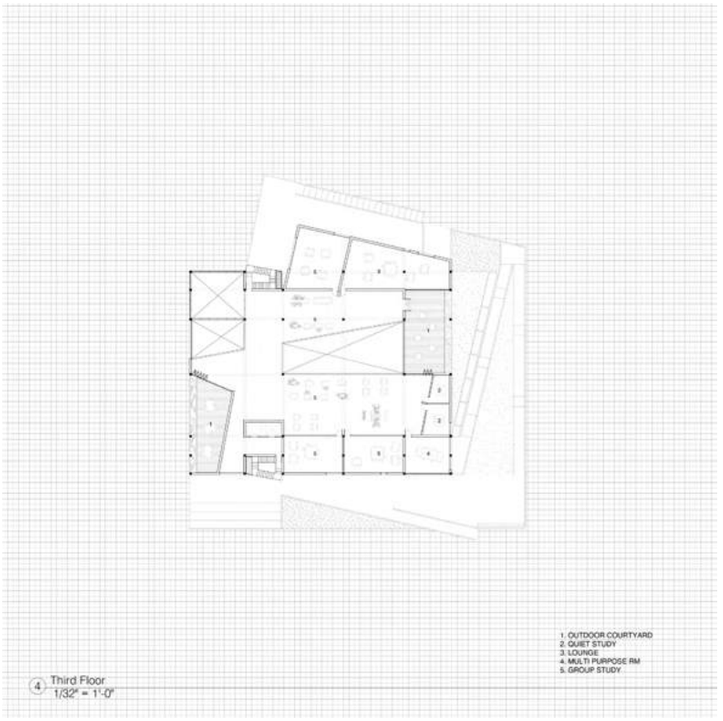

1 Basement
1/32" = 1'-0"



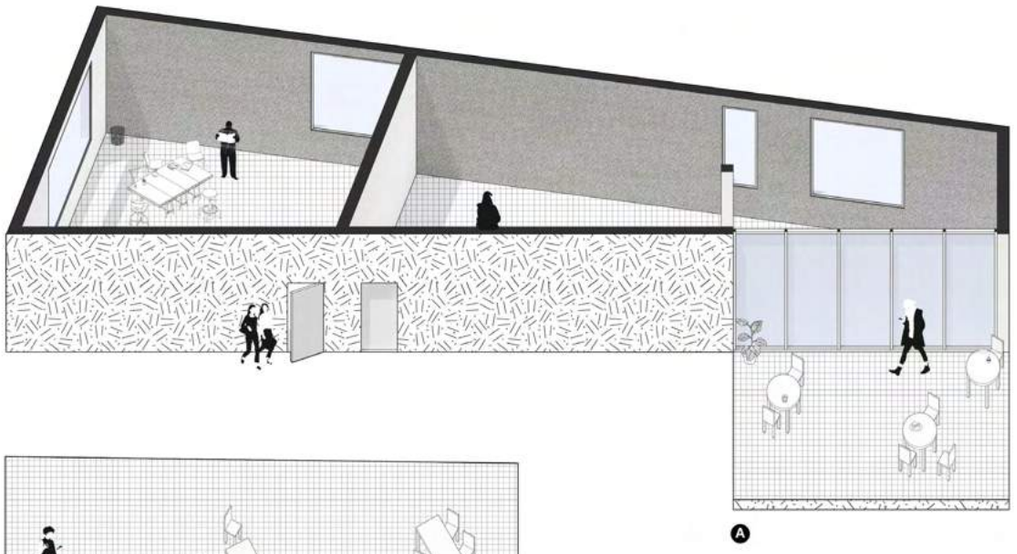

2 Ground Floor
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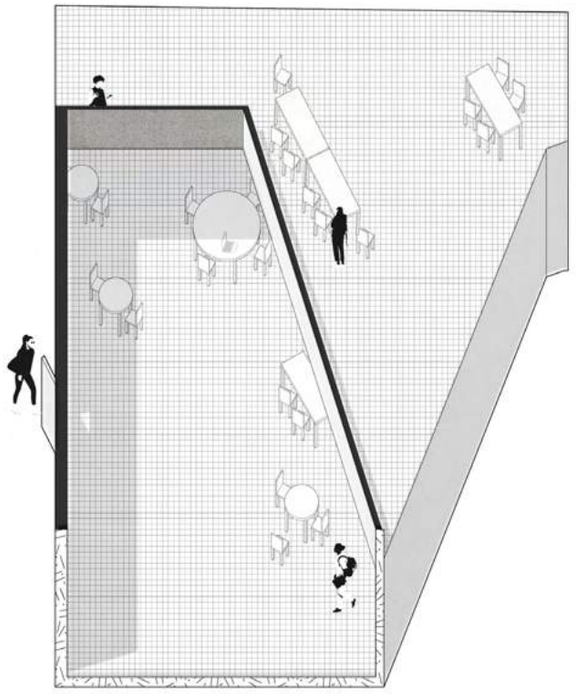

3 Second Floor
1/32" = 1'-0"




4 Third Floor
1/32" = 1'-0"



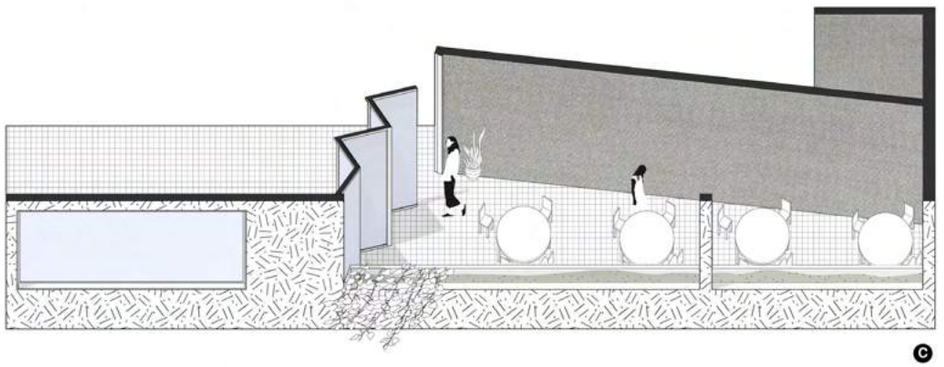
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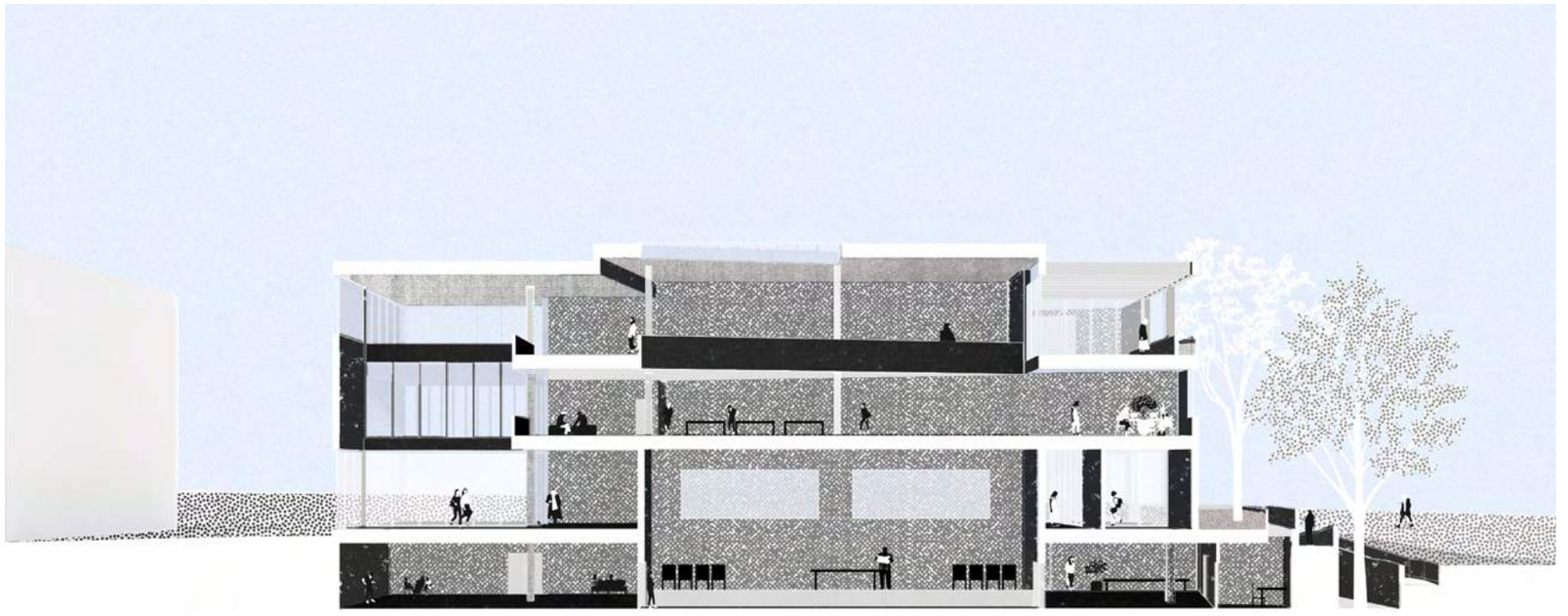
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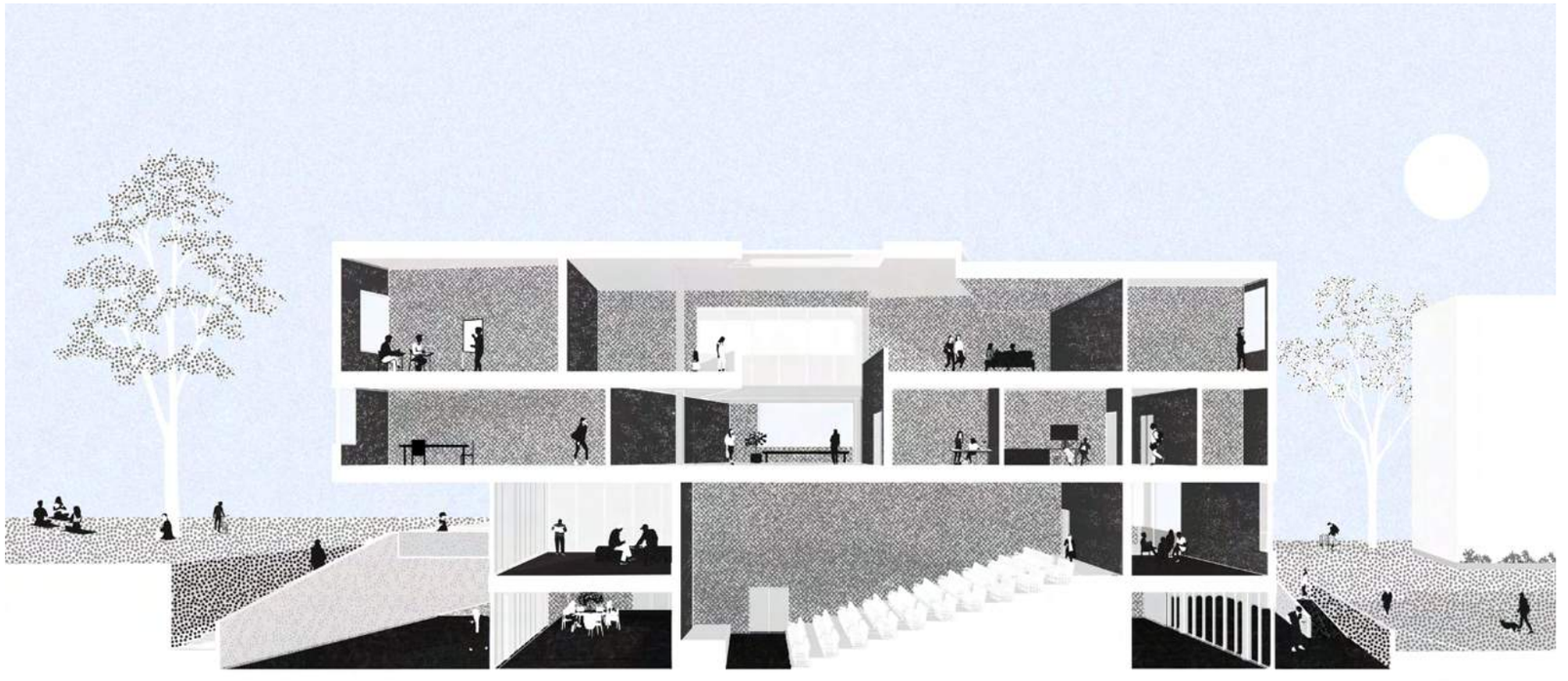


D



C

















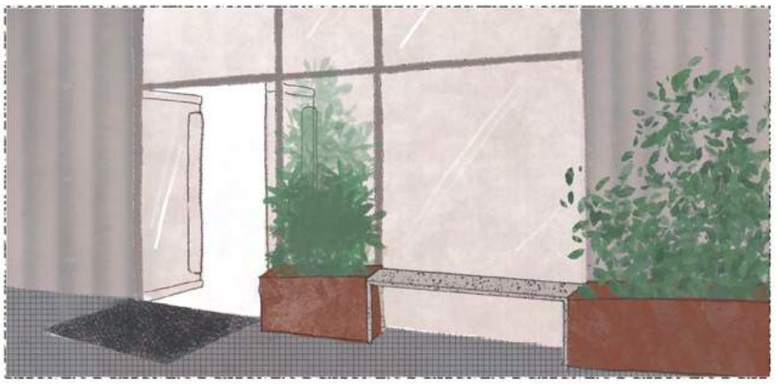
## The Sport of Connection

**Gymnastics & Rock Climbing Recreation Center**
*Marc Schulitz Studio - Spring 2021*

This sports complex's main feature is a public path that runs through the building; this creates a connection between the North and South entrances. This connection, achieved by a skywalk, allows spectators to walk through the building while viewing multiple sports and events. This viewing platform provides a unique viewing experience for the spectators to admire gymnastics, fencing, and MMA under one roof.

Along with the rock climbing and bouldering wall, there are three significant points of athlete and spectators interaction happening. The bus side entrance starts with a rock climbing wall, the viewing platform at ground level, and the trackside entrance is on the 2nd floor. Athletes can hear spectators cheering along the way as they are climbing up. Spectators can view the athletes climb up from the bottom. They quickly surpass the spectator's eye level and arrive at the highest programmatic point. This connection creates a more integrated interaction experience between the athlete and the spectators.

The training room is accessible for public use when the facility is not occupied by athletes preparing for tournaments. The training area begins on the 2nd floor, allowing training athletes to view other matches that occur on the 1st-floor level. The training room has glass façades on the north and south sides. This facade strategy will enable spectators to admire the hard work that athletes put in



bus parking/ athlete parking

## ATHLETES ENTRANCE

admission & security

warm-up area

check-in

bathroom

emergency exit

coach's office

locker room

training room

## TRACK

storage

## STANDS













general lot

## SPECTATORS ENTRANCE

tickets

medical area

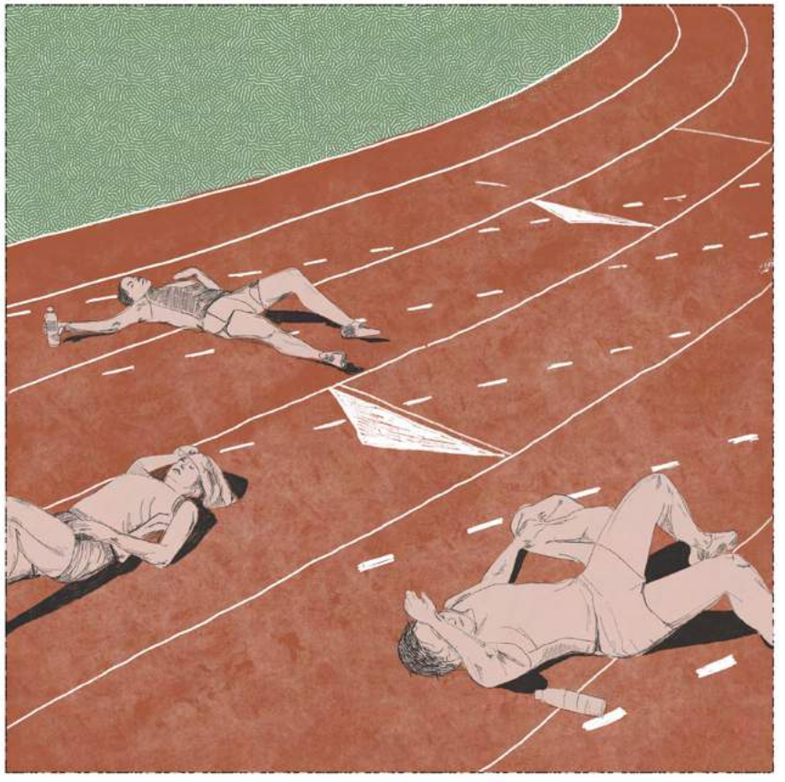
admission & security

jail

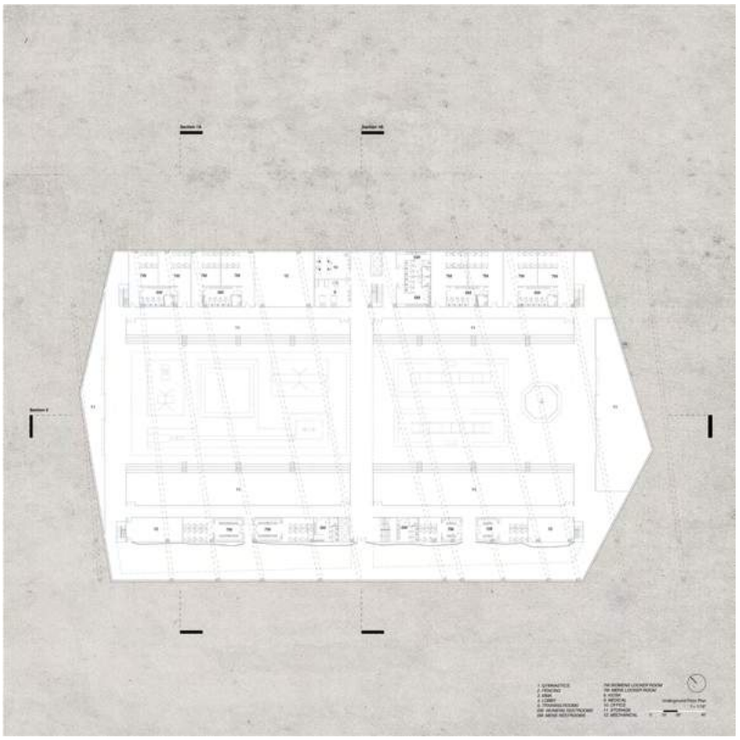
bathroom

concession

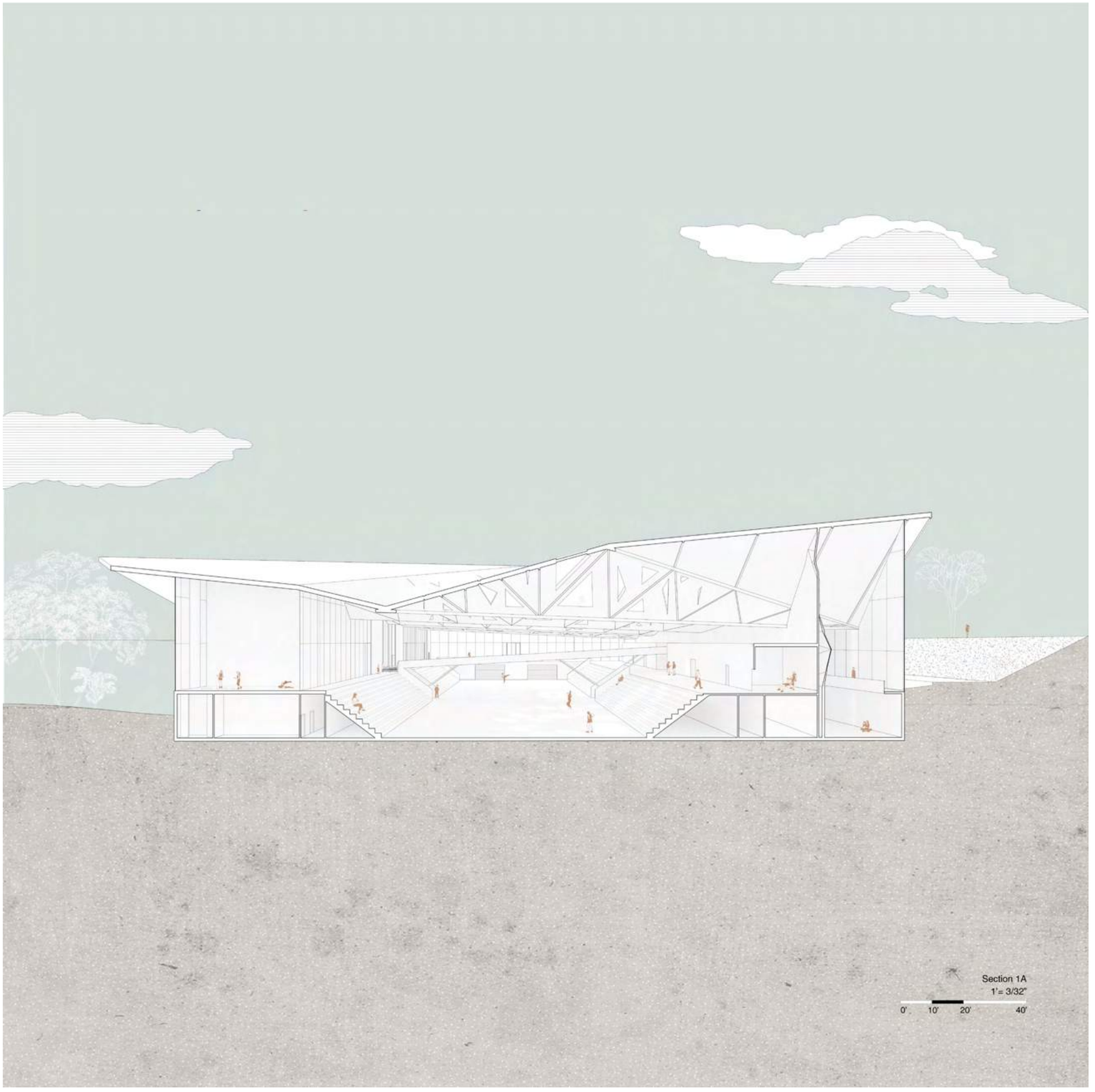
## STANDS










Section 1A
1' = 3/32"
0'
10'
20'
40'

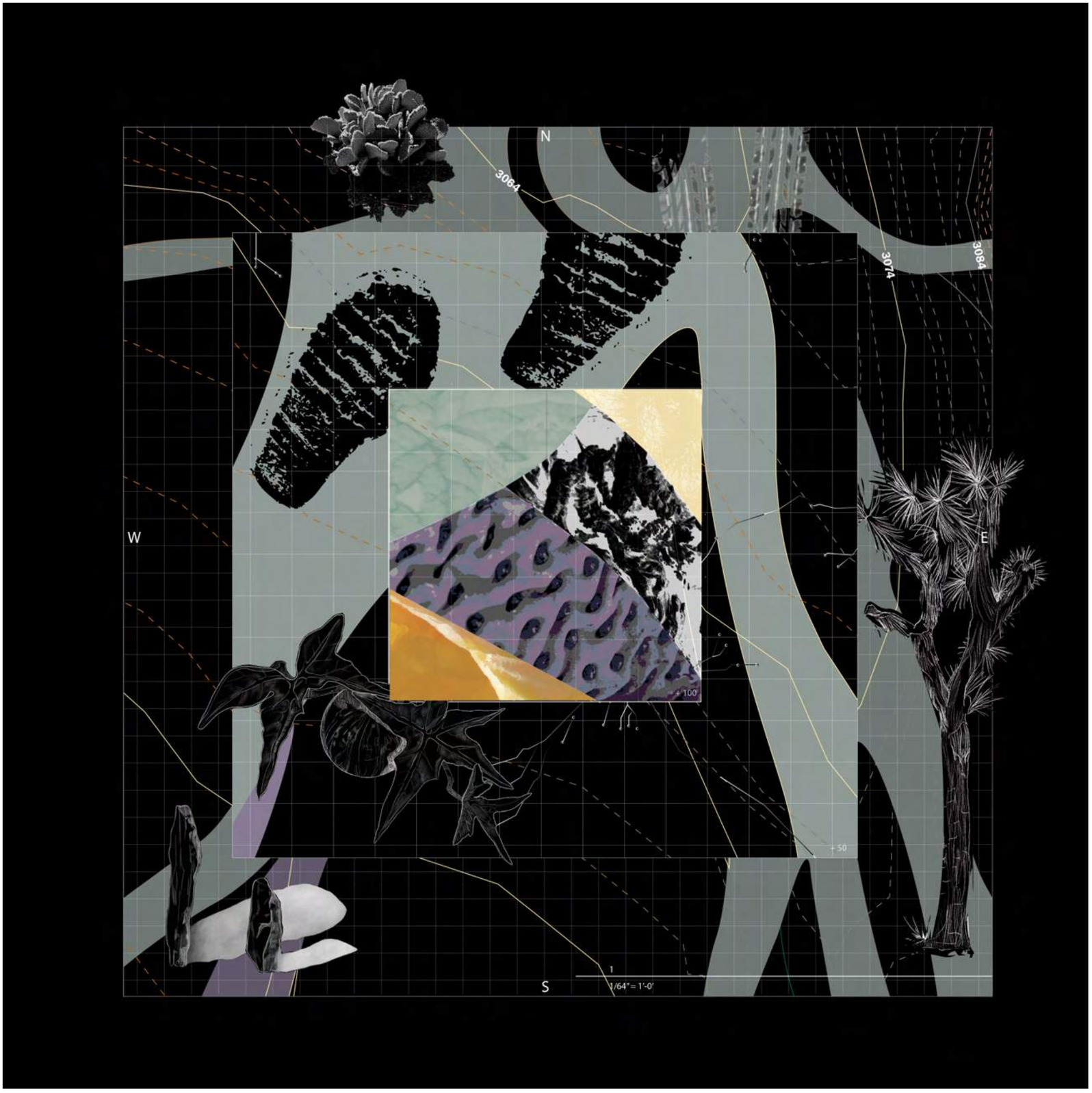


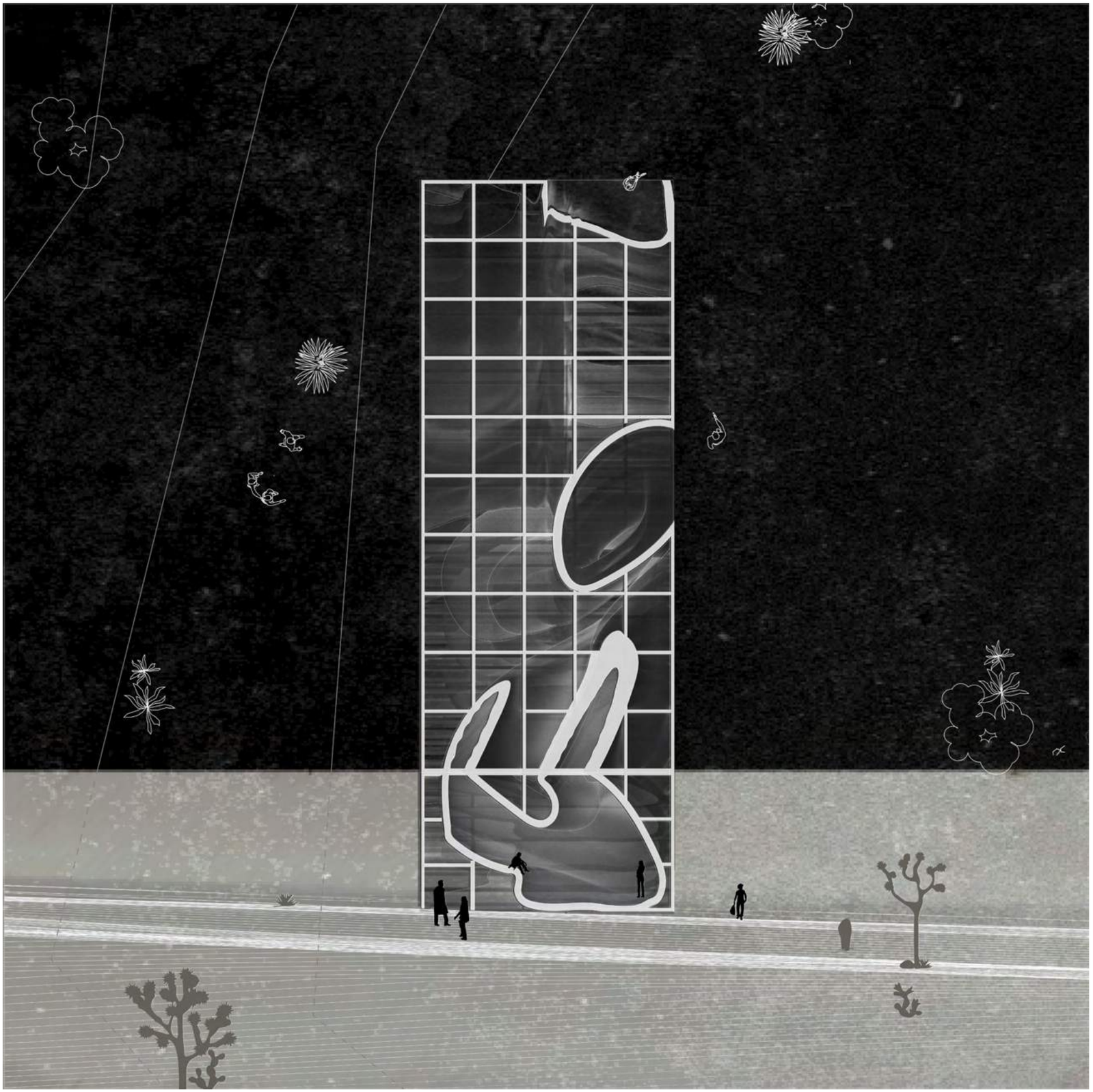
## Method of Blooming & Erosion

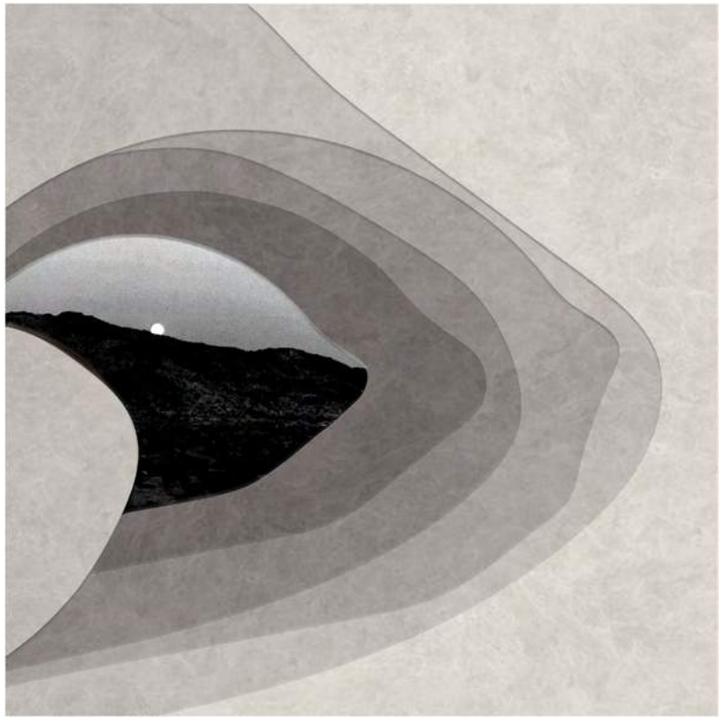
**Writers Retreat, Joshua Tree**
*Wendy Gilmartin Studio - Fall 2020*

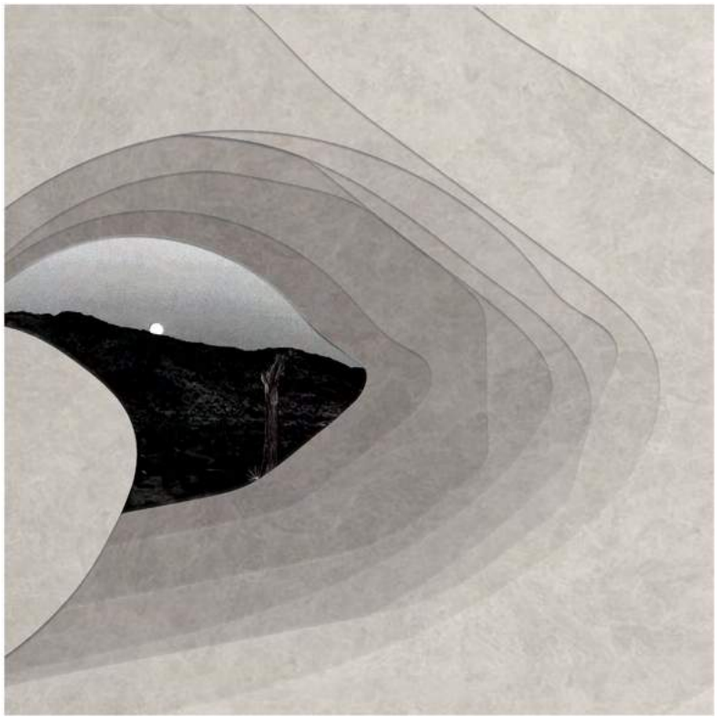
Through representational method this project explores how a building would react to its surroundings. These series of drawings represent the method that was explored by studying how a texture would move and flow to create inhabitable forms. From exploration of the desert landscape plants and organisms began to emerge that are alive but also in a state of degradation. This additive and subtractive process also relates to the writing process itself, adding and editing, taking things out and letting the people discover them for themselves. By closely studying textures on the site a deeper connection between landscape and building is created. This project is a proposal of a method for designing a building. One that changes alongside its environment, as nature transforms the site which it's situated in. The natural environment is one that undergoes stages of erosion and a blooming transformation in itself, and the building responds to this directly by representing these two processes.

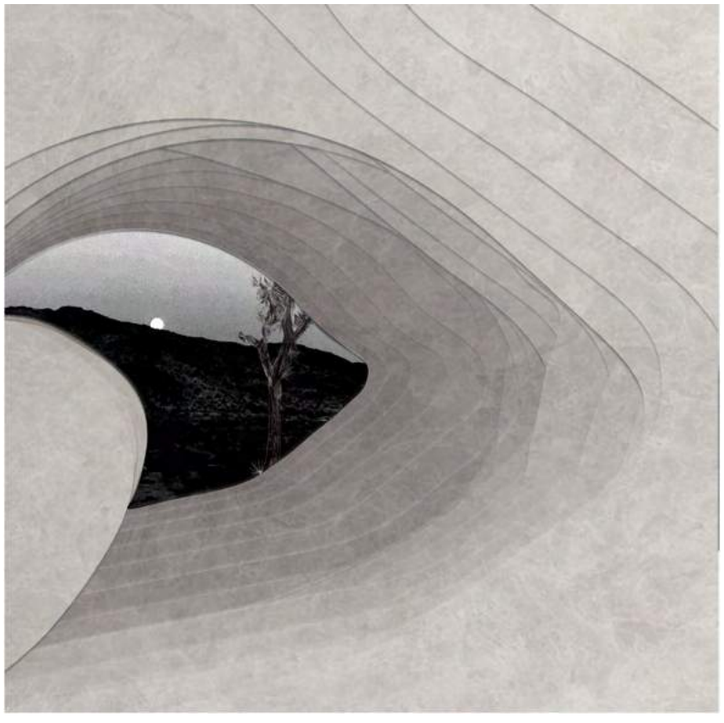
Through a gradual increase of density in scalar changes, the contours of the organic forms are undergoing a transformation of form. This is the process of blooming. While this additive process is occurring the form is also undergoing a state of erosion, seen through subtraction and wear or patina. The outer skin is eaten away by the sun until transparency is apparent and the scaffolding holds wear of patina. While the inner form undergoes a transformative state. From this increasing density a smoothness and new form is discovered as time passes.

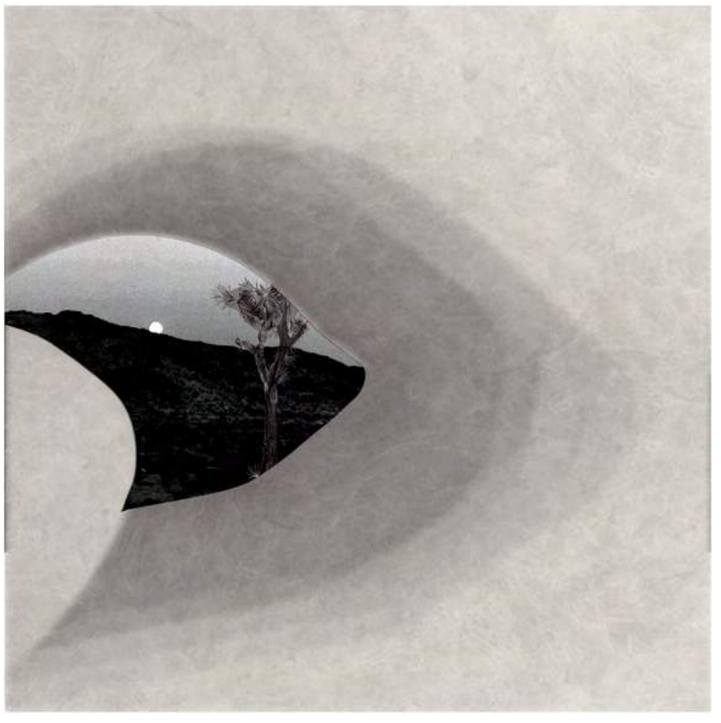

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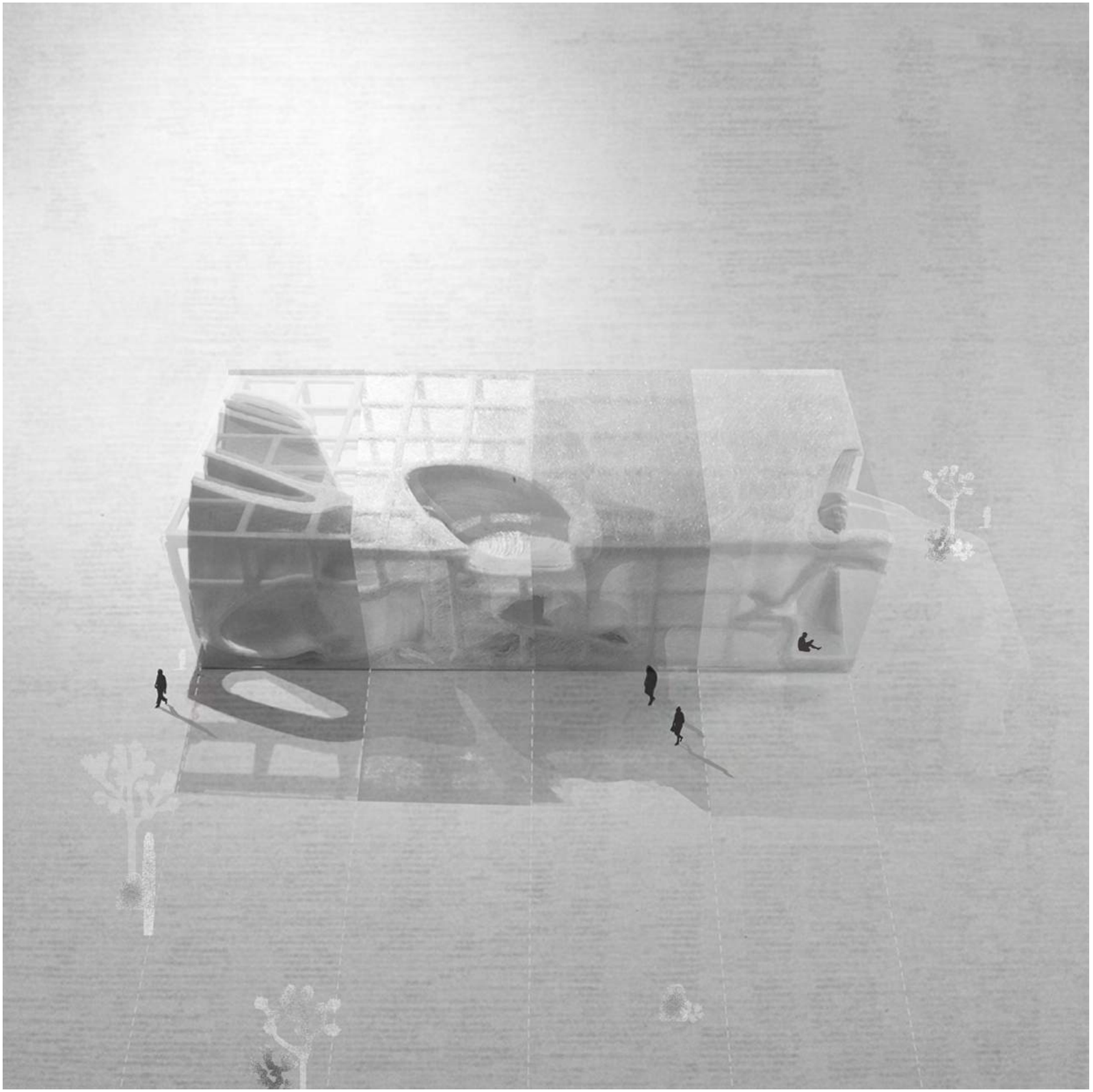






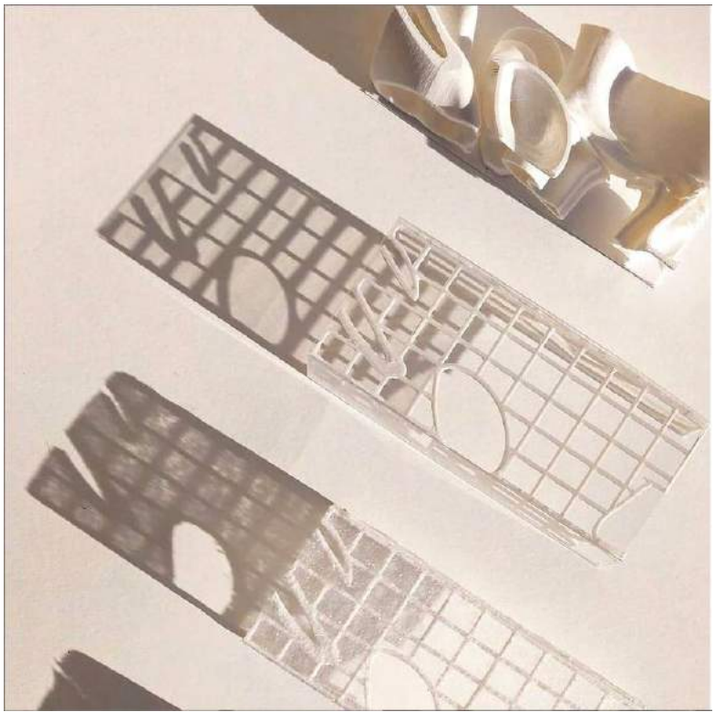




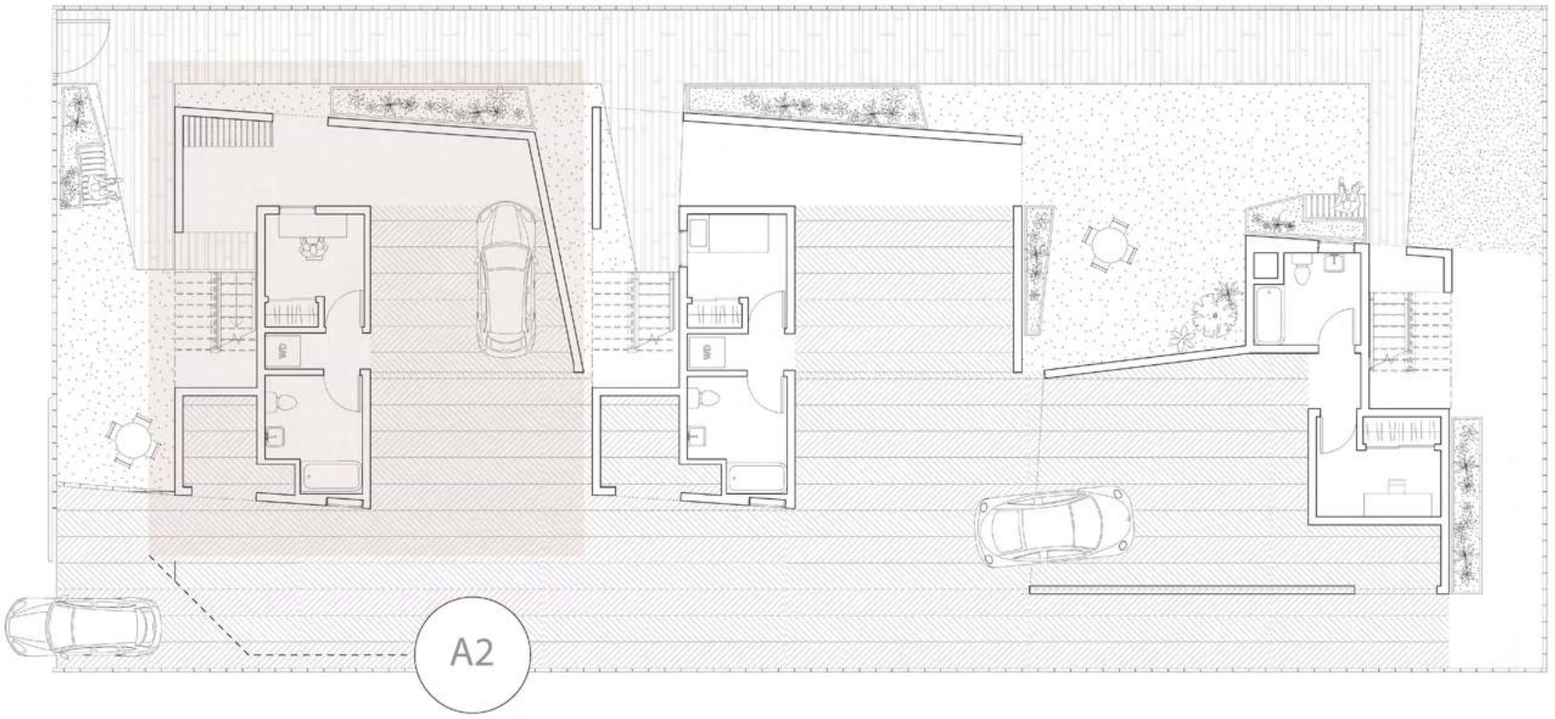













## A Community of Three

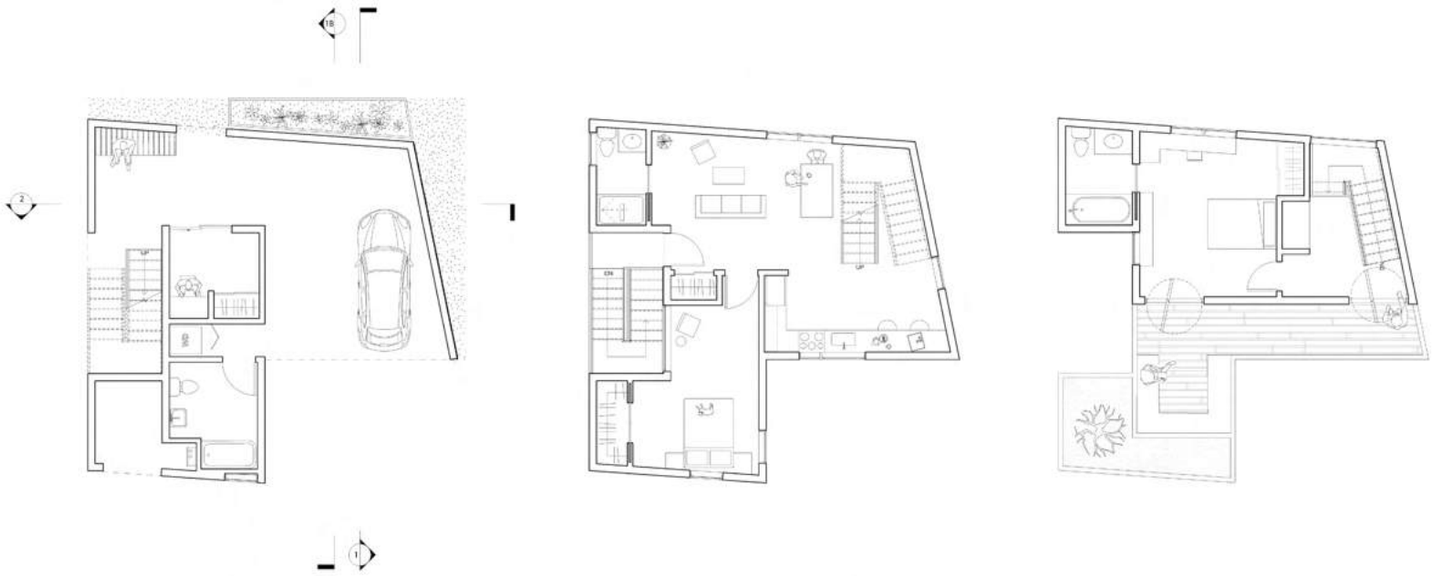
**Small Lot Subdivision, Los Feliz**
*Roberto Sheinberg Studio - Spring 2020*

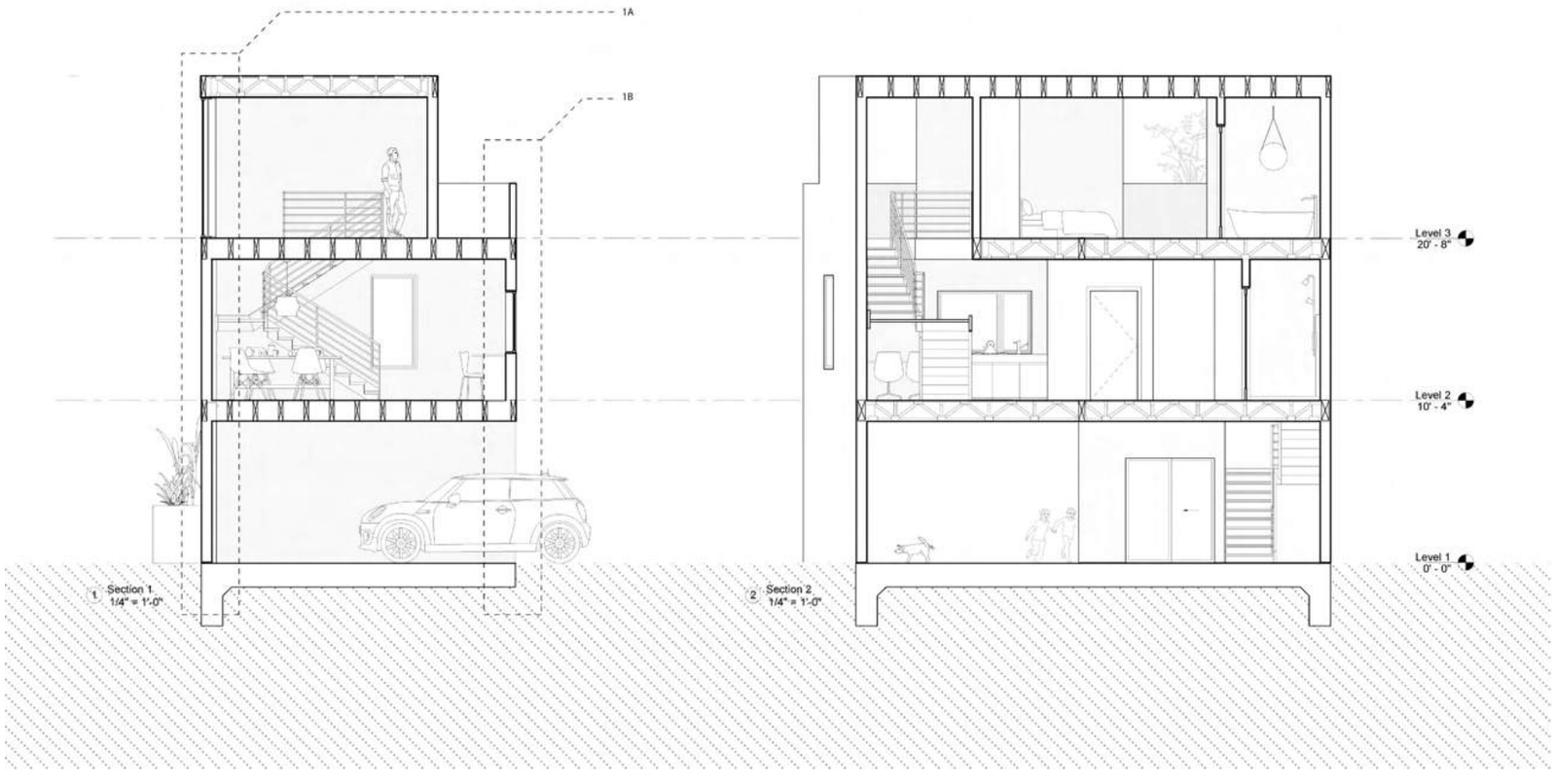
This project is one that creates communities within dense spaces. Derived from nesting multiple masses, three units were formed. By providing each unit with their own private roof deck, the yard space within the ground floor is left to be explored and shared by all within the lot.

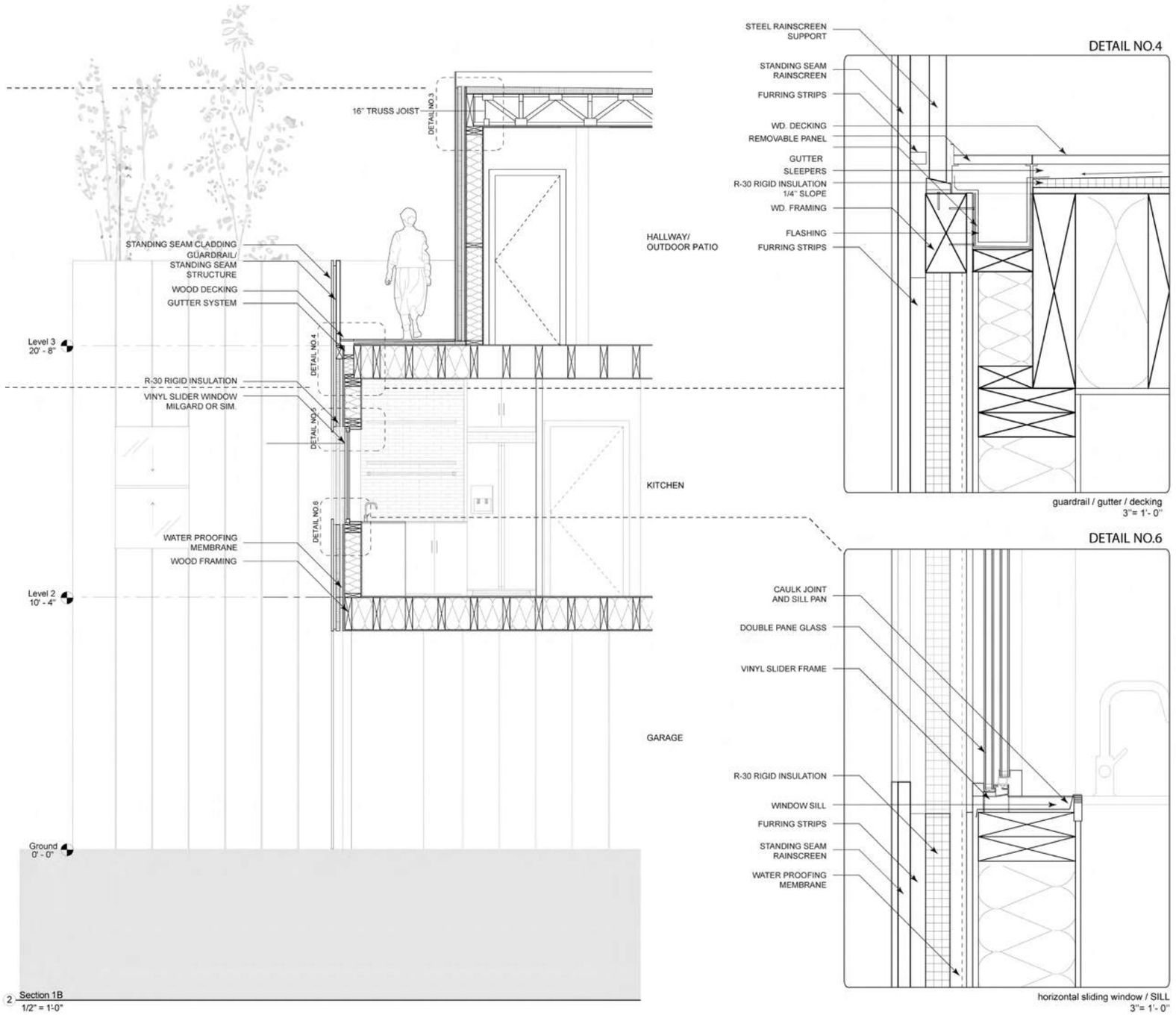
By introducing a slant that cuts into the initial form, the building starts to take advantage of light and views. This also creates more variation through the forms of the units and through the overall site. Utilizing the outward slant, the bedrooms and spaces gain more privacy from their neighboring units. By creating these moves light is funneled into the direct spaces within the housing projects, which is best demonstrated where the first two units interact.

When entering the project you're not only guided by the angle of the walls you are being pulled through the program by the juxtaposition of the stairs. By placing the stair, and main circulation, on opposite sides of the house the resident is constantly circulating through public spaces. With a bedroom located on each floor, the third floor is dominated by the master bedroom leading into the roof deck with a private garden. Creating these private gardens provides a sense of community for the people living within the housing while bringing the outside in.



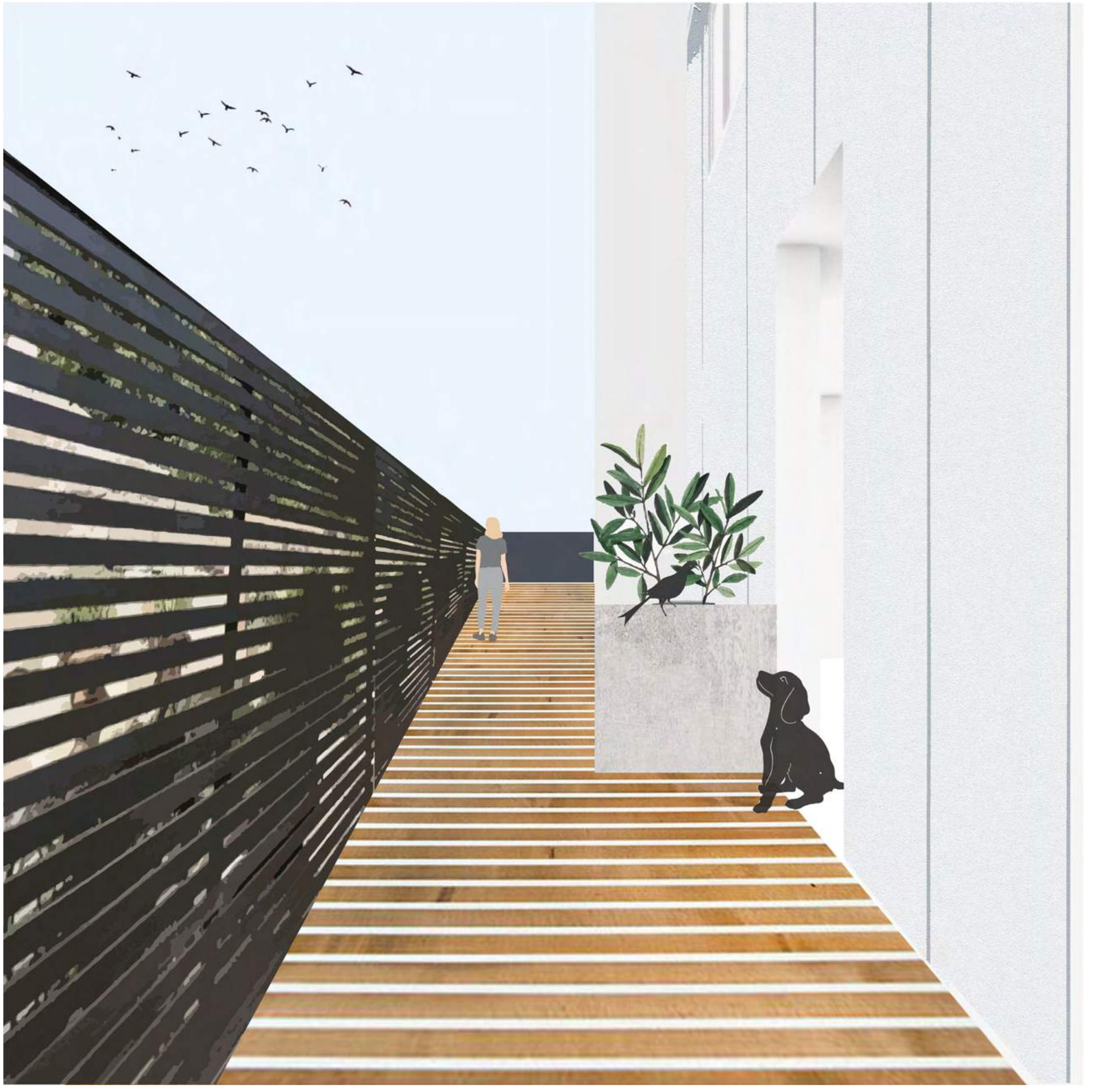


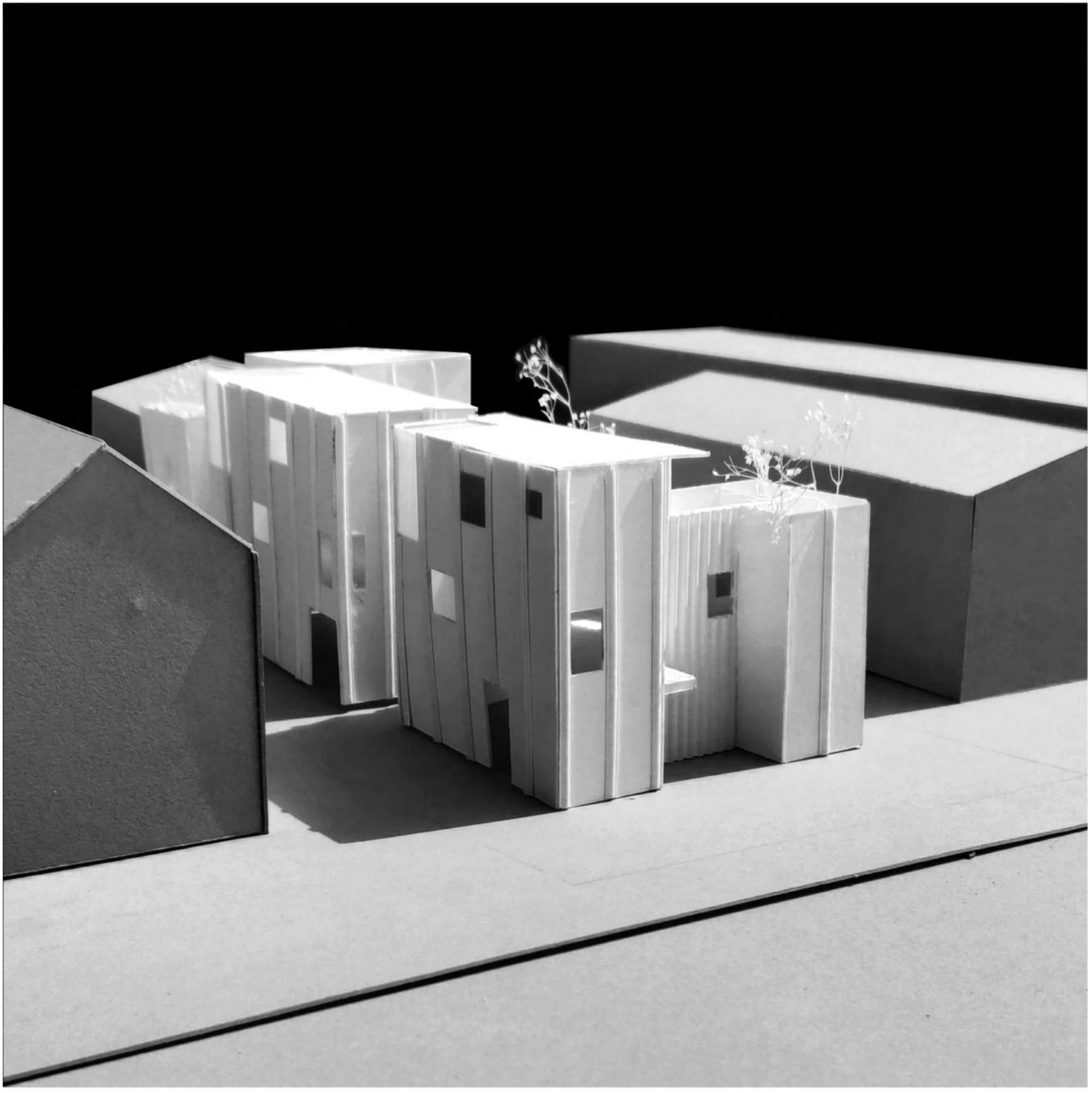

1A
1B
Level 3
20' - 8"
Level 2
10' - 4"
Level 1
0' - 0"
1 Section 1
1/4" = 1'-0"
2 Section 2
1/4" = 1'-0"

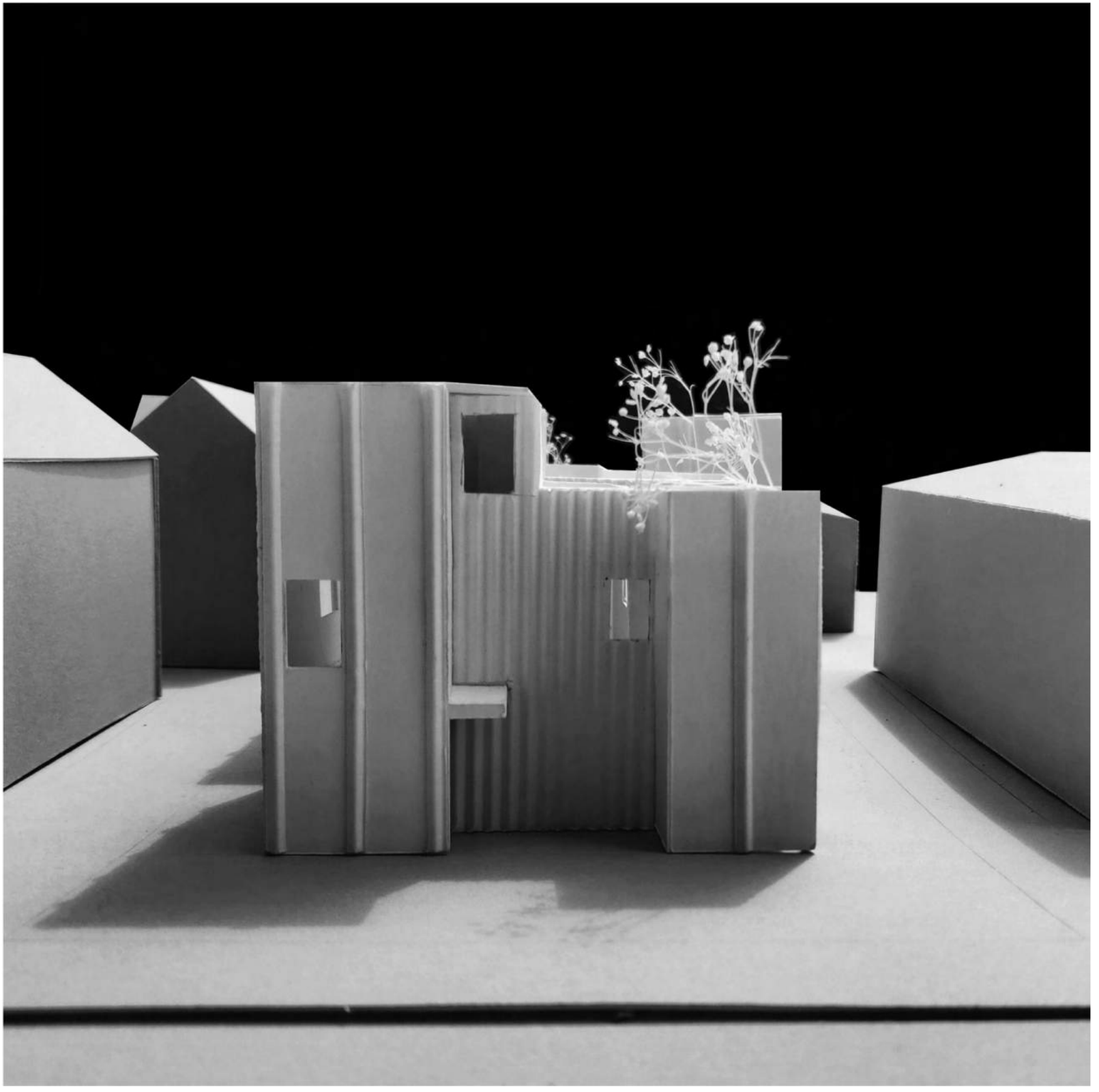



2 Section 1B
1/2" = 1'-0"









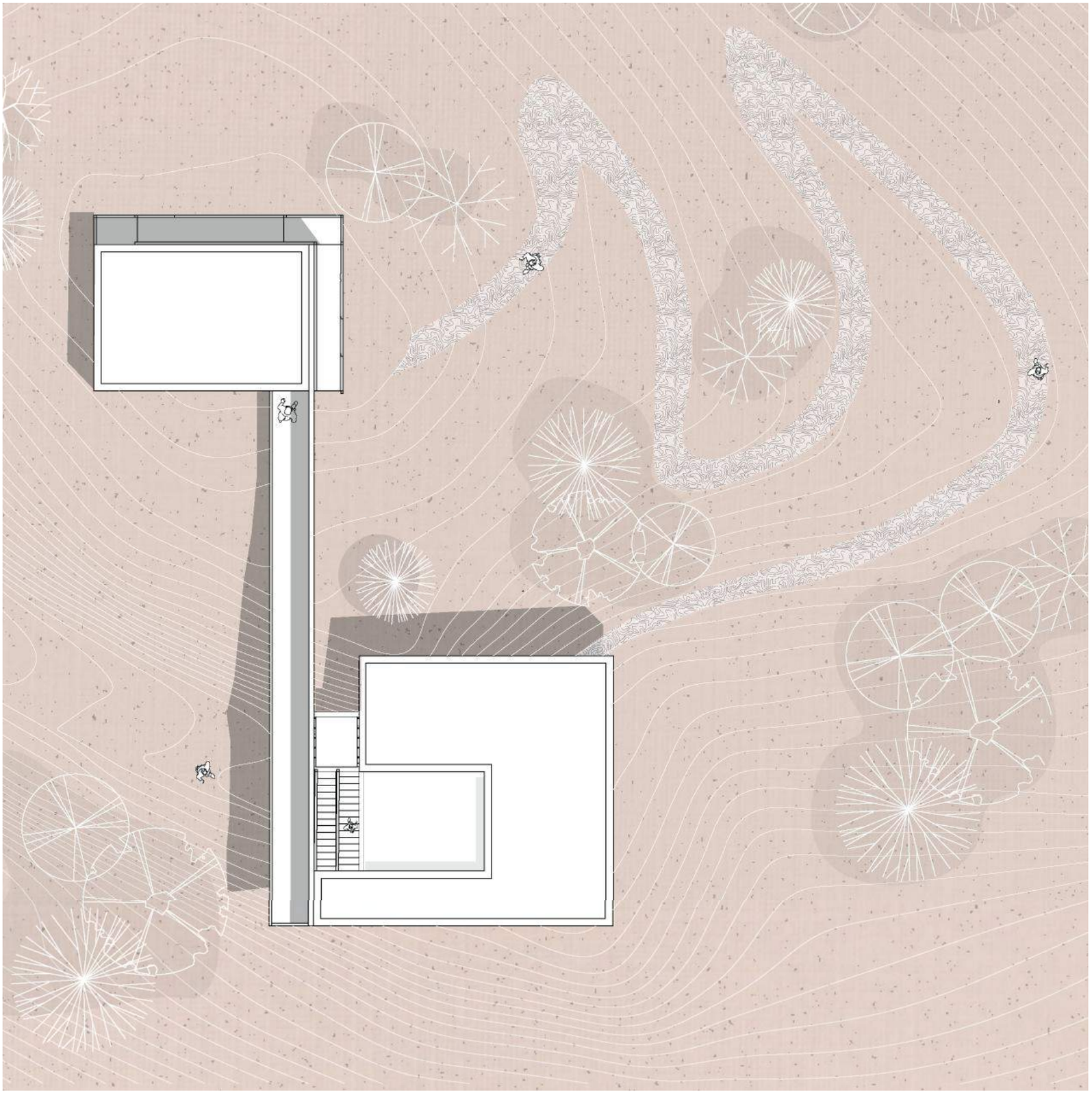


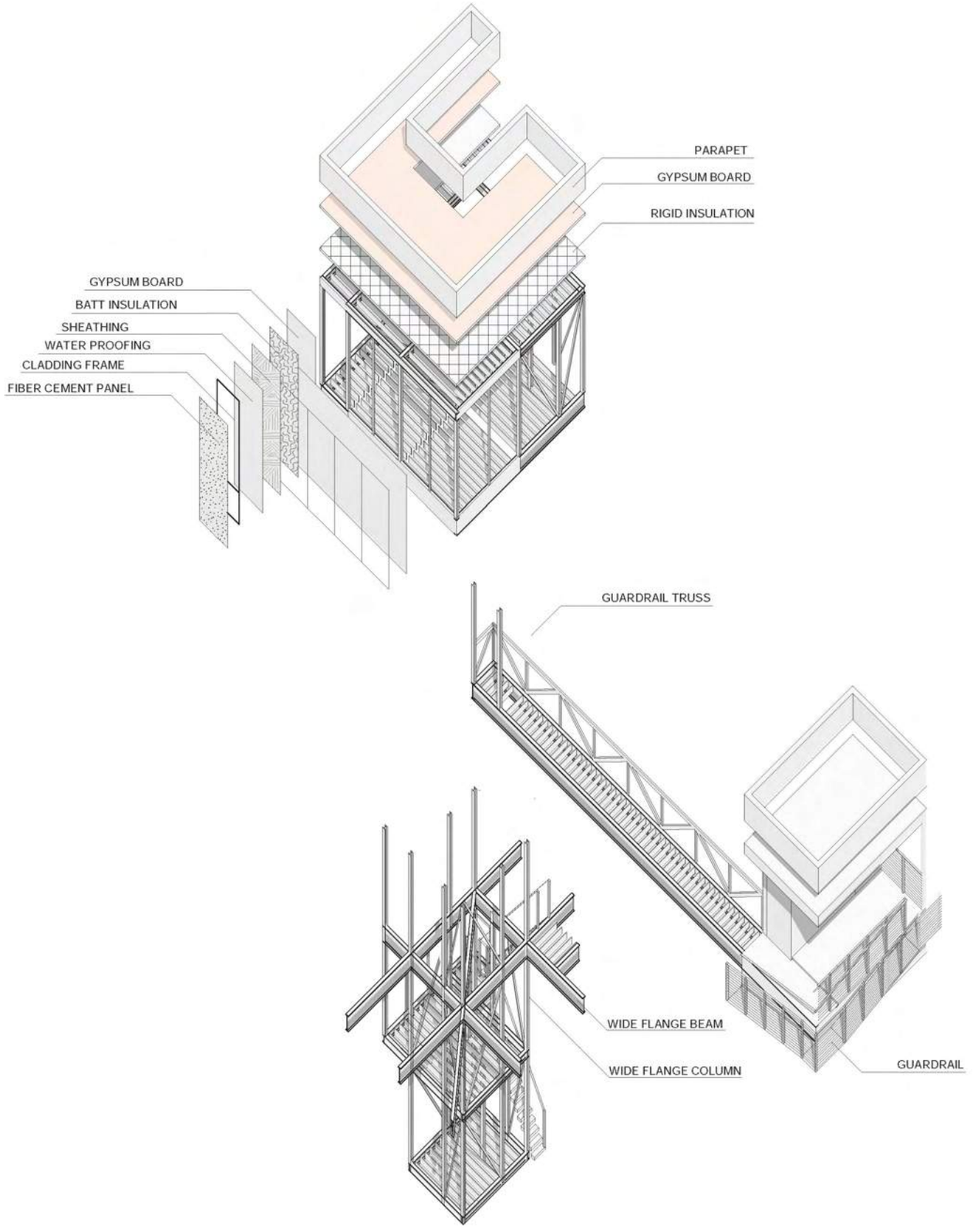
## Spanning Nature

**Scientist Retreat, Vetter Mountian**
*Dennis McFadden Studio - Fall 2019*

This Scientist Retreat explores how to situate a private residence in the mountians while still functioning cohesively with a public viewing platform. Situated in the mountains, the Mt. Vetter observation tower provides a space for scientific research and development. When approaching the site you see a building that frames the surrounding landscape, allowing multiple views due to its pinwheel effect. The two intersecting bars fit snugly within the landscape, this helps to further frame the overall experience.

While traveling through the space you will find that the main tower holds the residential housing for the scientist, nestled within the retreat center lays a private courtyard. From traveling to the top of this tower you can cross the bridge over to the public observation platform. This bridge creates a link between the public and private spaces. This span creates a connection accross the the landscape, and its views, as well as the program creating a full immersion space within nature.




PARAPET
GYPSUM BOARD
RIGID INSULATION
GYPSUM BOARD
BATT INSULATION
SHEATHING
WATER PROOFING
CLADDING FRAME
FIBER CEMENT PANEL
GUARDRAIL TRUSS
WIDE FLANGE BEAM
WIDE FLANGE COLUMN
GUARDRAIL





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