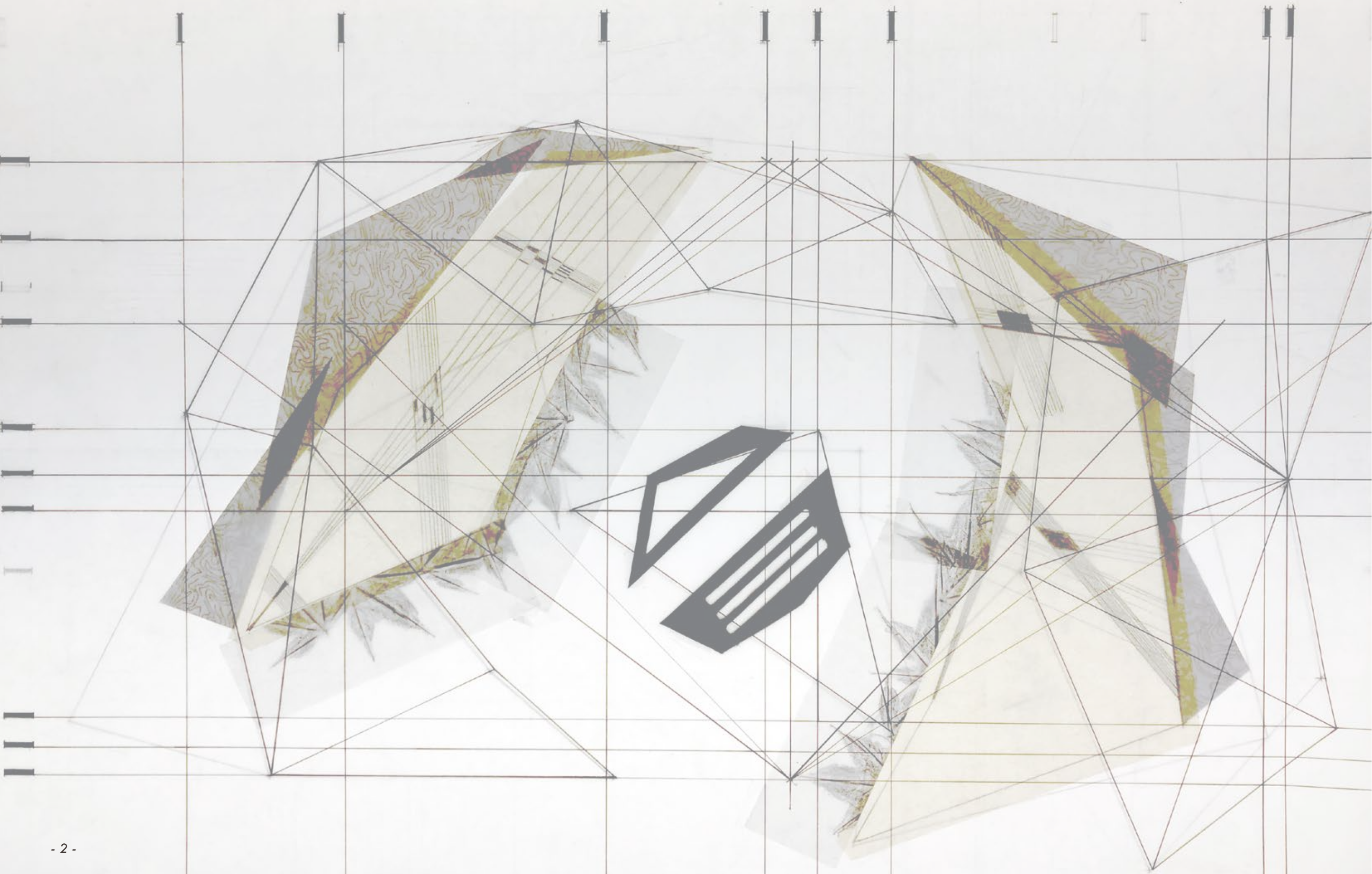


PORTFOLIO

DAVID PULLIAM



A DIVERSE BODY OF WORK

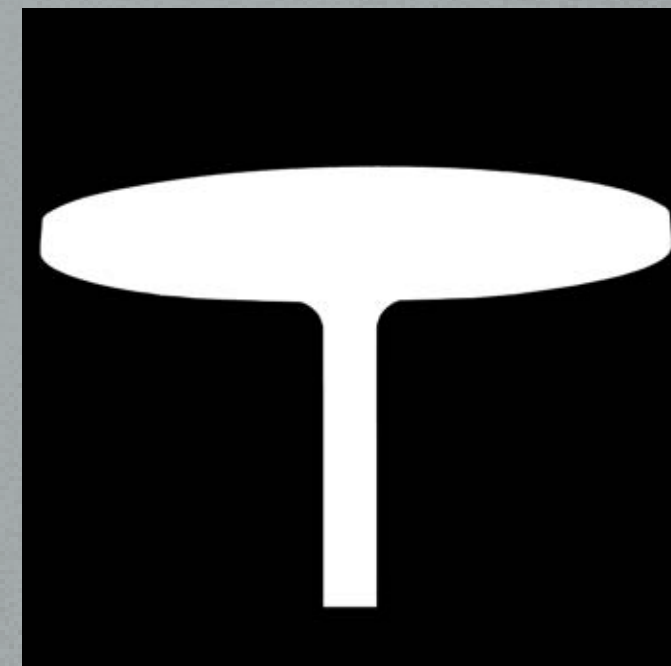
Coming from a background in construction, fabrication, and the arts, I've spent my career investigating how we interact with the natural and built environments. Hands-on experience in these fields shaped my approach to design, blending technical expertise with creativity to develop innovative solutions and adaptable designs.

This foundation drove me to pursue a formal education, in Environmental Design and Architecture. The work within highlights my dedication to continuously build skillsets and expand knowledge, enabling me to craft thoughtful, impactful designs that meet diverse challenges.

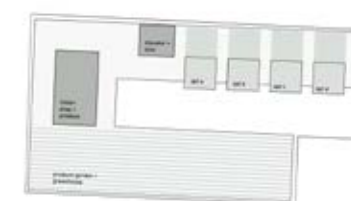
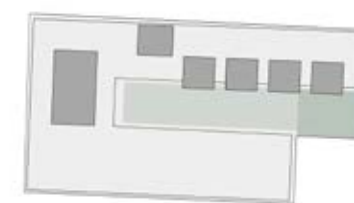
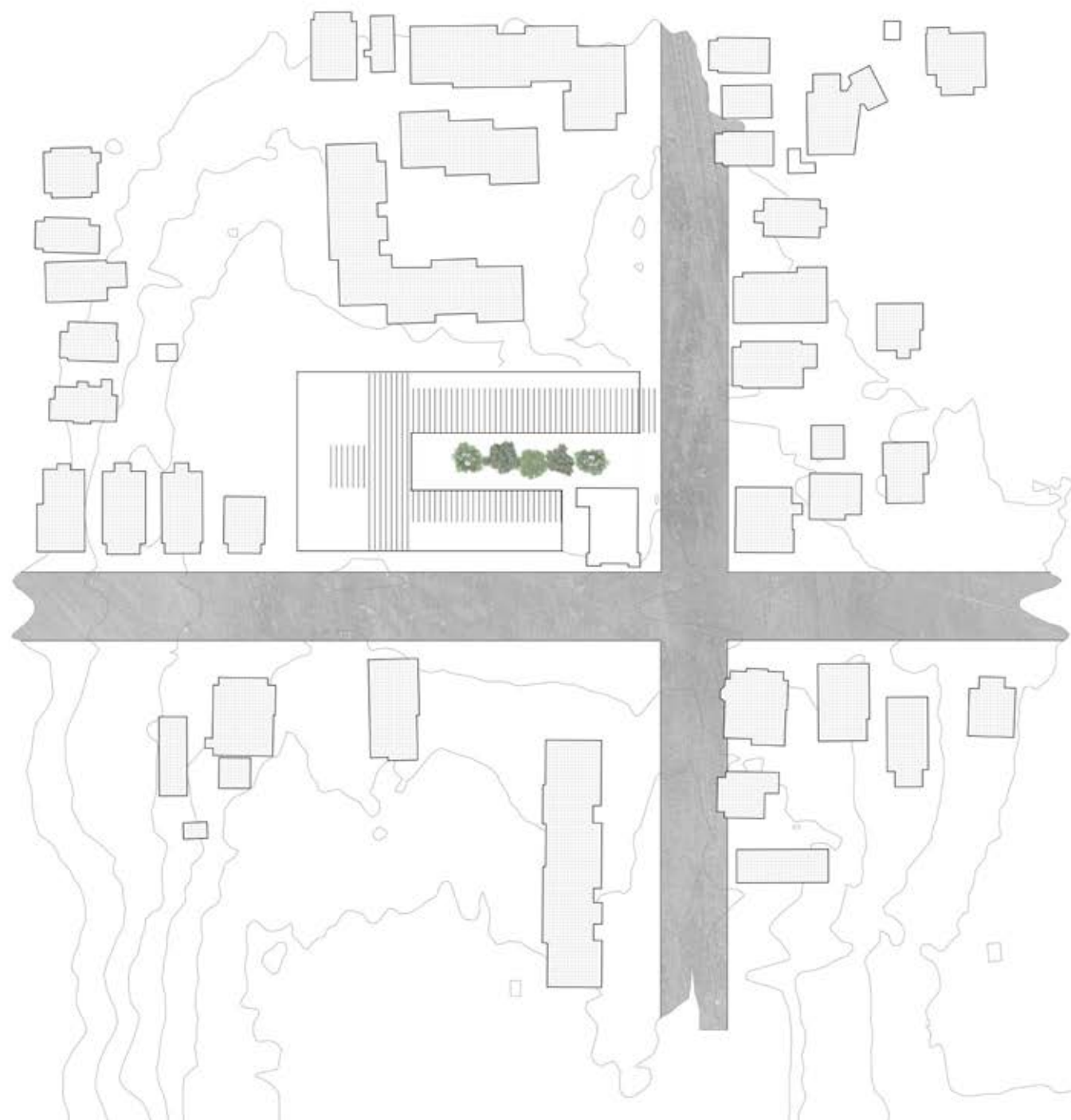
FOOD HUB

This project looks in-depth at the historical and contemporary forces that fractured East Raleigh's once-thriving Black middle-class community, transforming it into a food desert. Through research-driven analysis of systemic disinvestment, urban expansion, and cultural loss, students examine how architecture can begin to address spatial and social injustices.

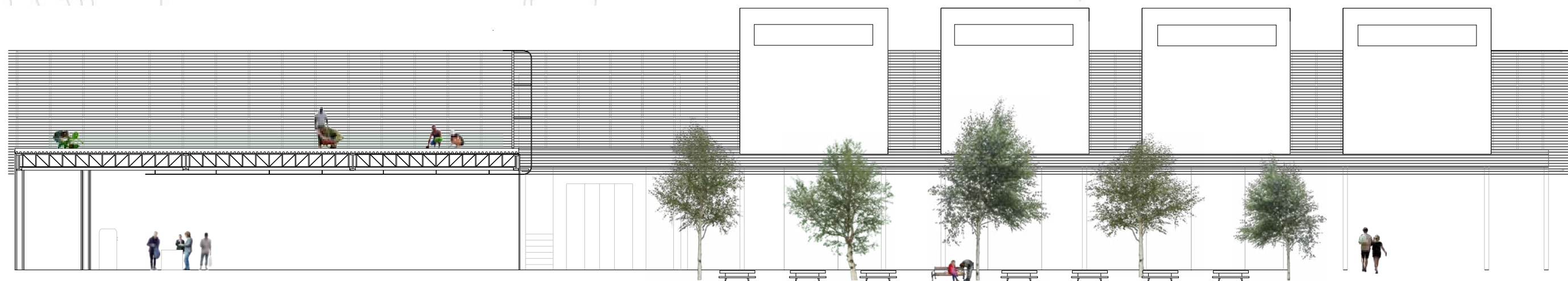
The East Raleigh Food Hub serves as a model for reinvigorating local food systems and communal spaces. Integrating vertical agriculture, market spaces, teaching kitchens, and housing, students design a multifunctional venue that fosters economic and cultural resilience. A nested massing strategy, wrapped in a translucent skin, layers interior and exterior spaces, creating fluid interactions between programs. Consideration of site adjacencies, including a historic church, informs public space design, reinforcing community ties

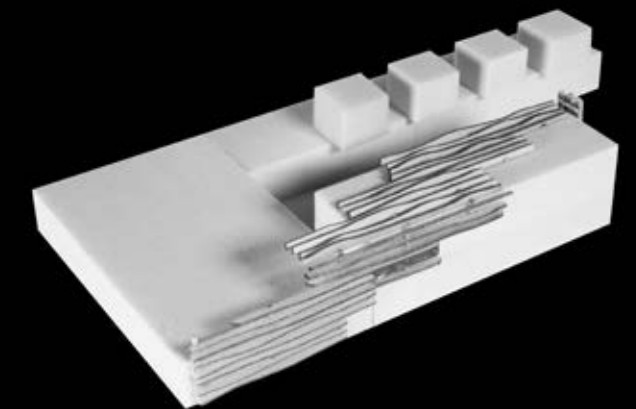
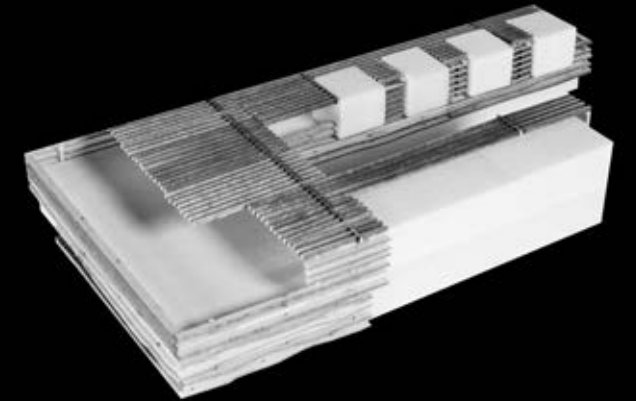


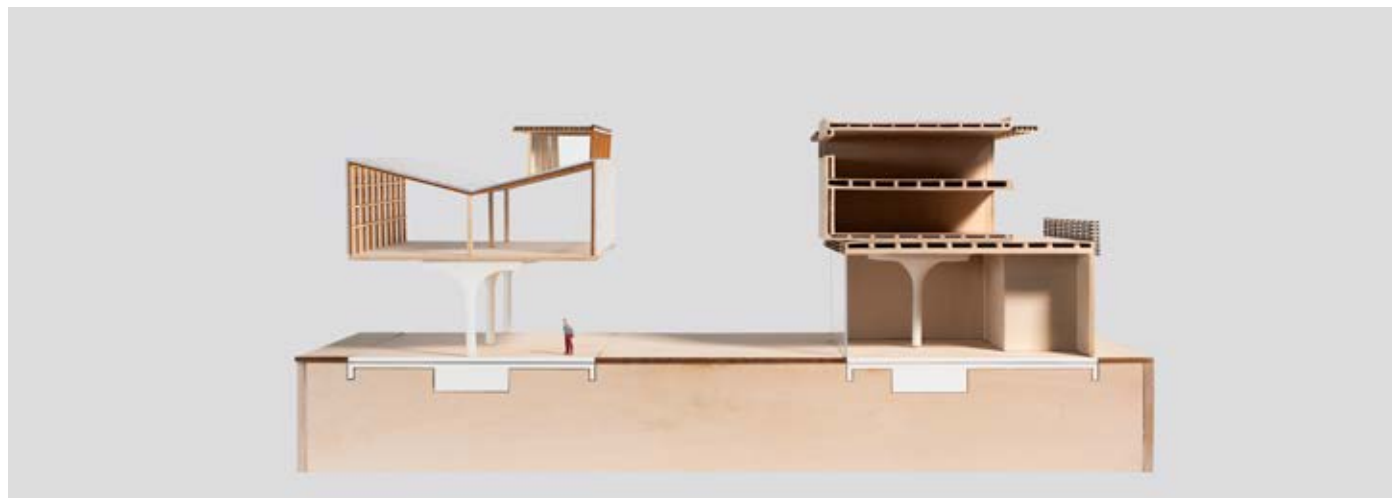
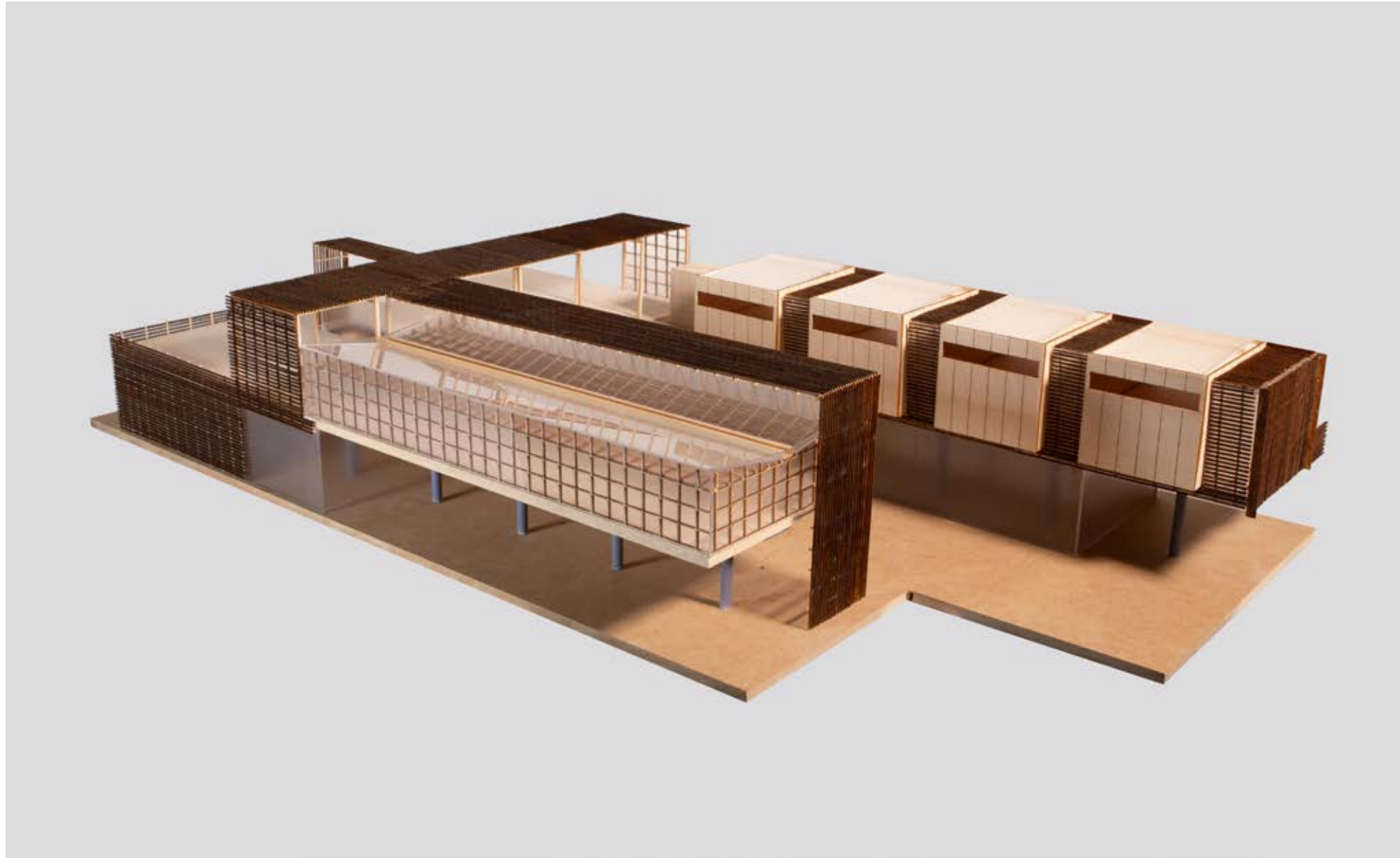


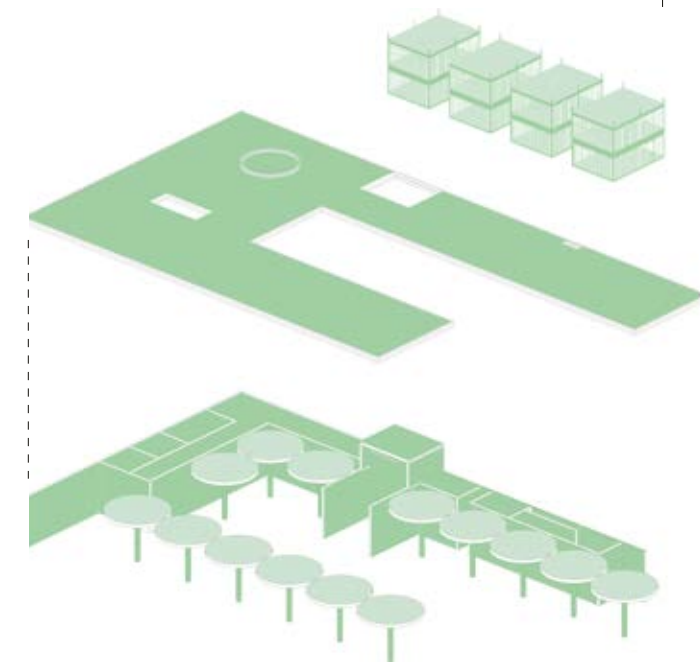
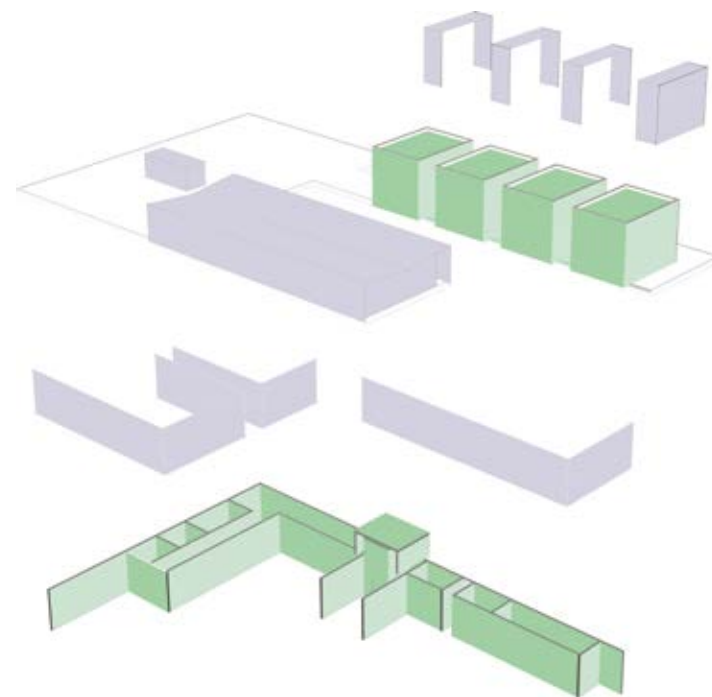
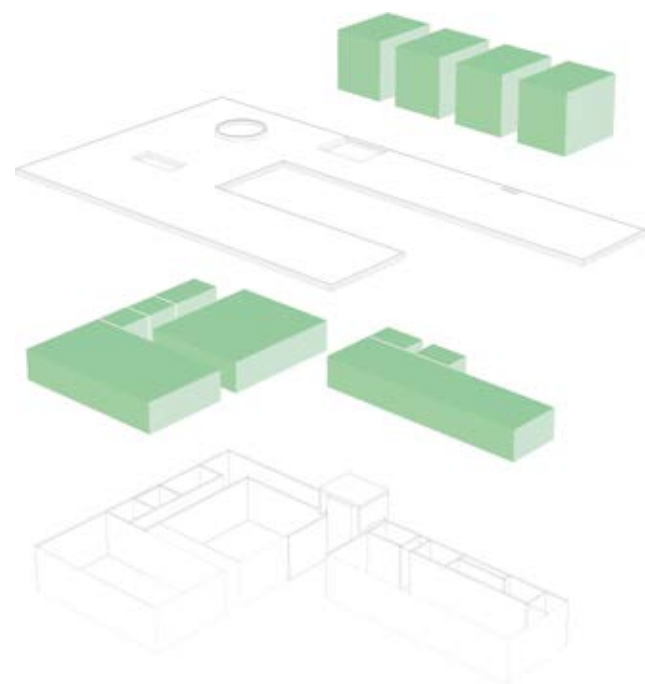
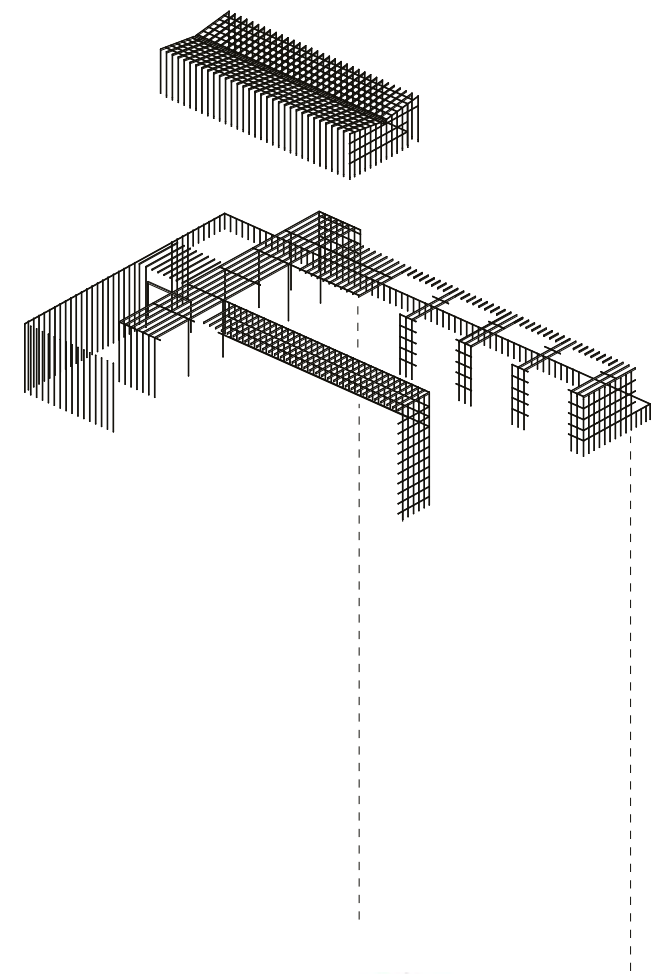
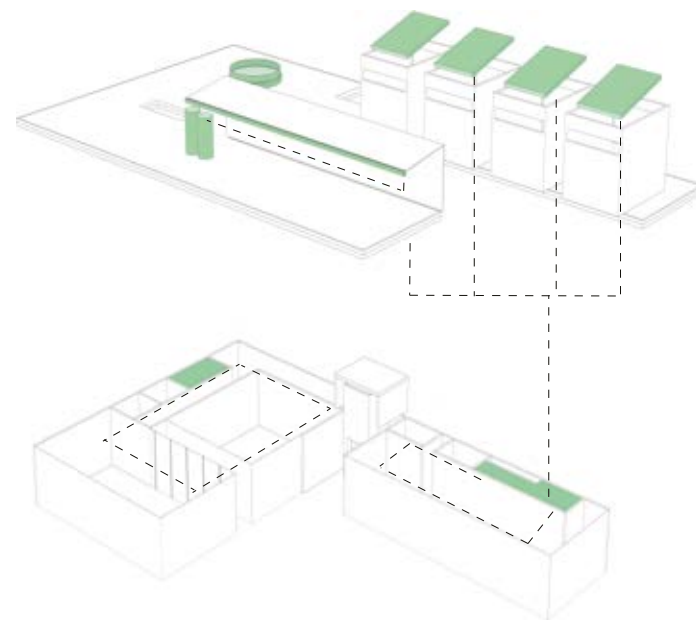
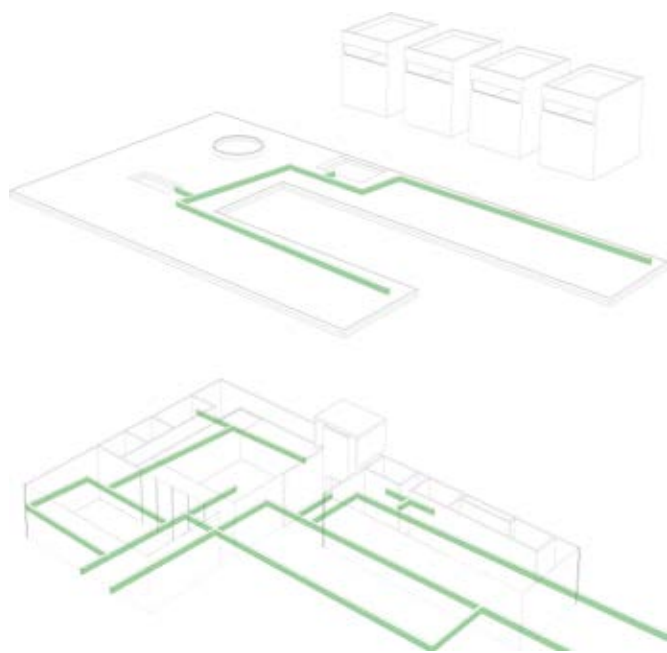


scale: 1/32









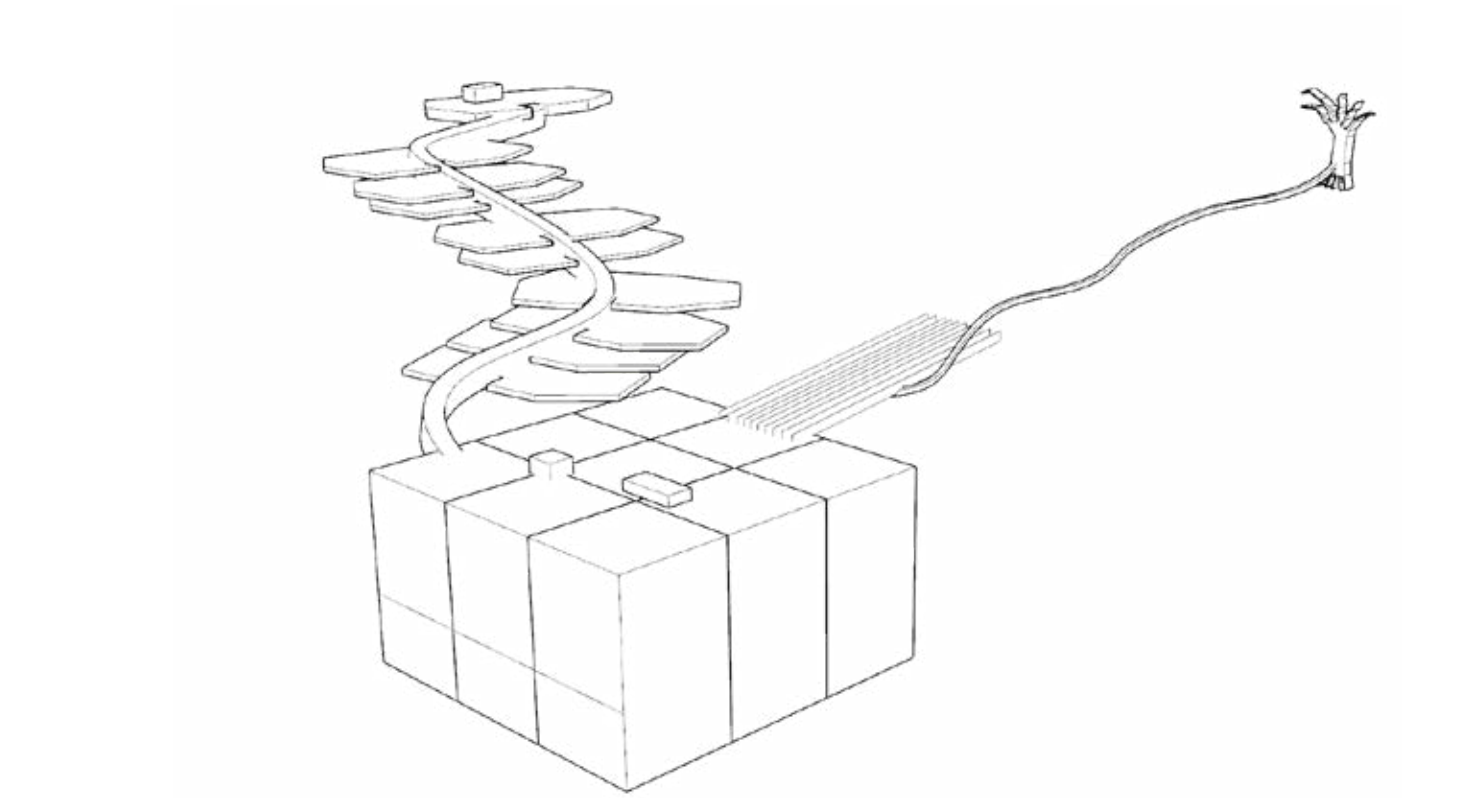
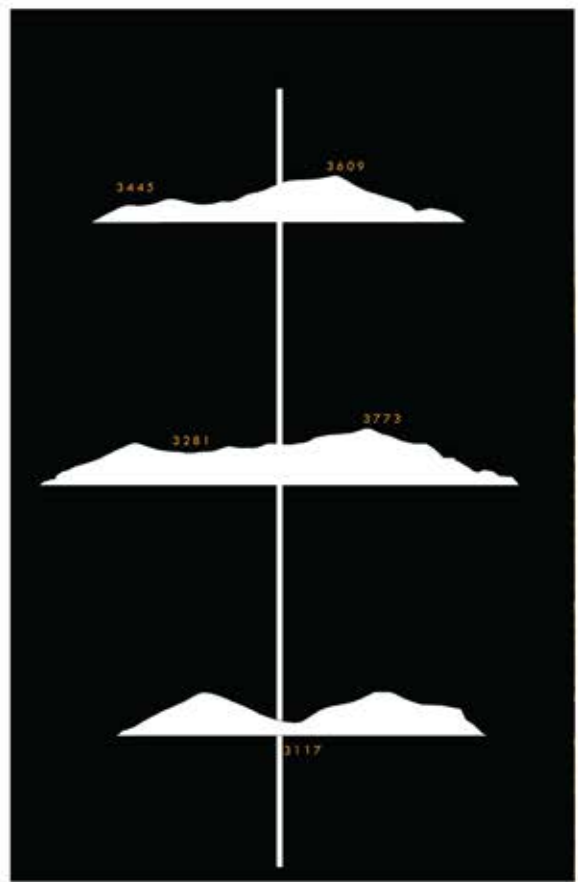
NC MTN HOUSE

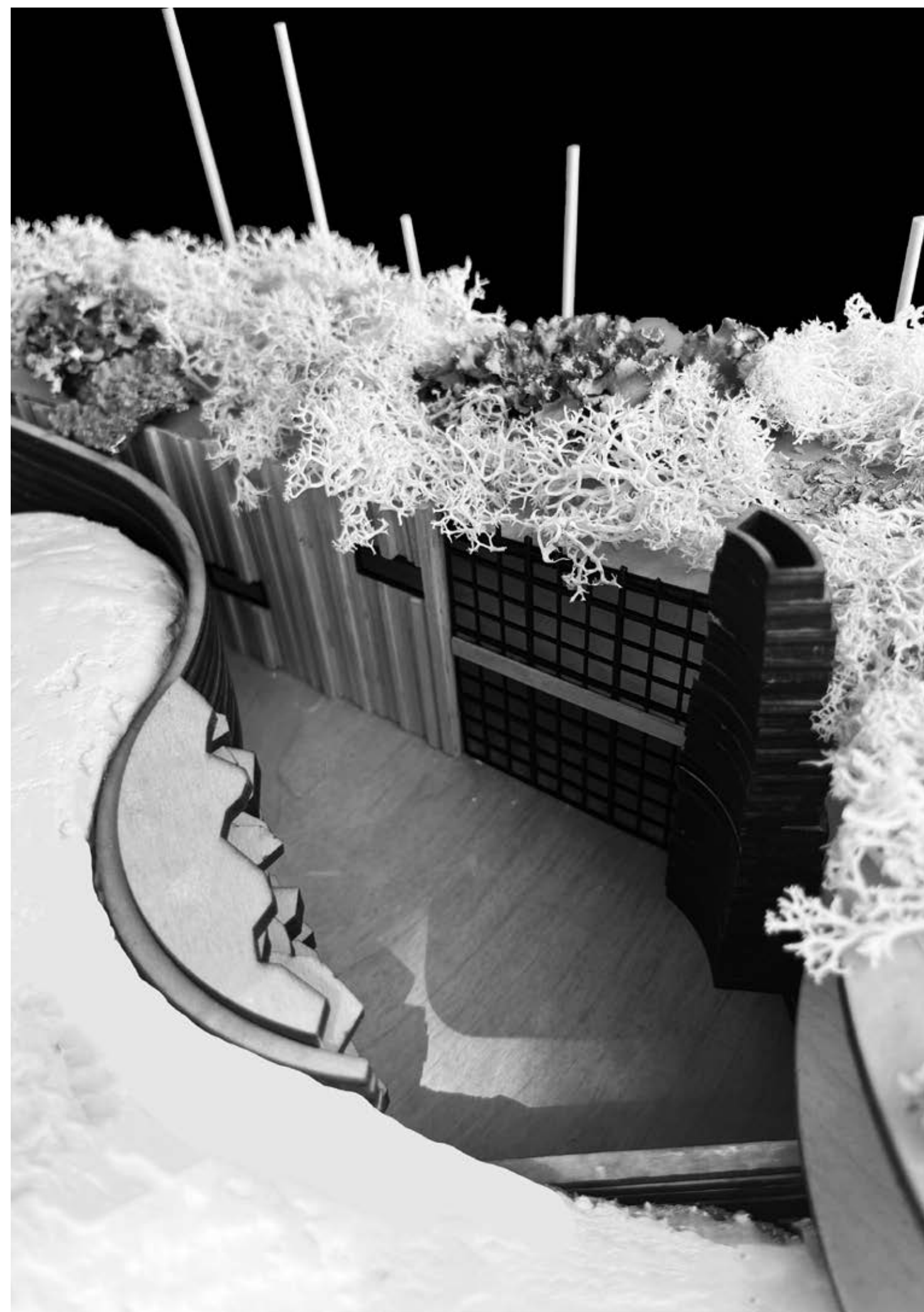
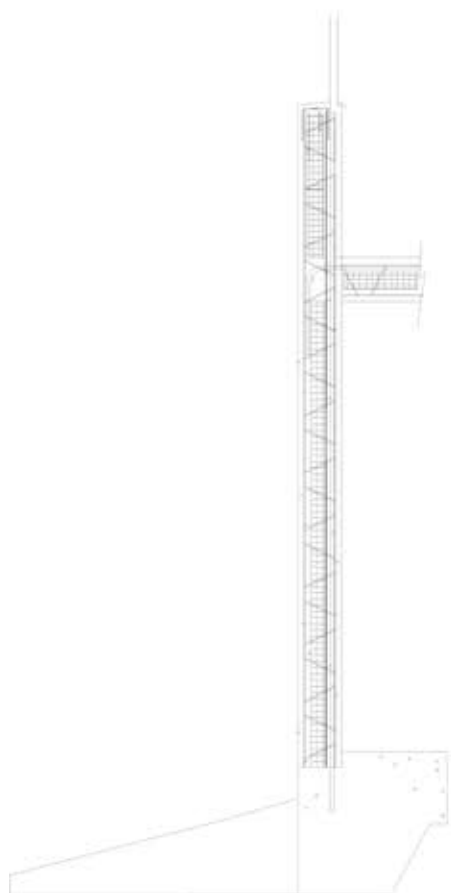
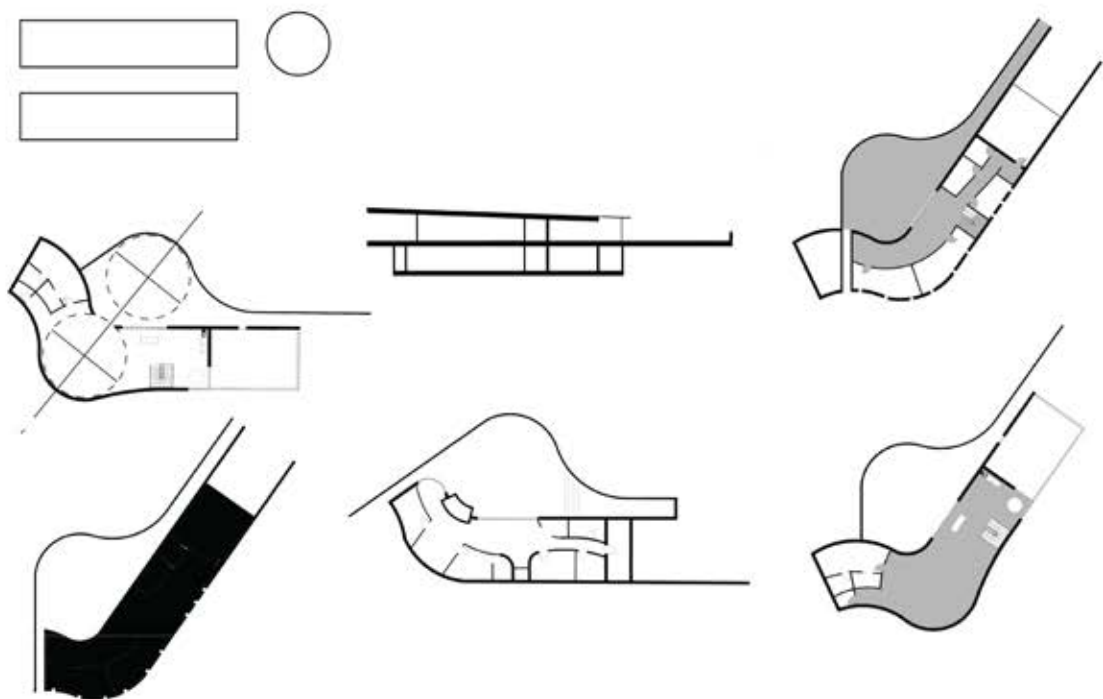
RESIDENTIAL STUDIO
NC STATE M.ARCH 2024
INSTR. MATT GRIFFITH

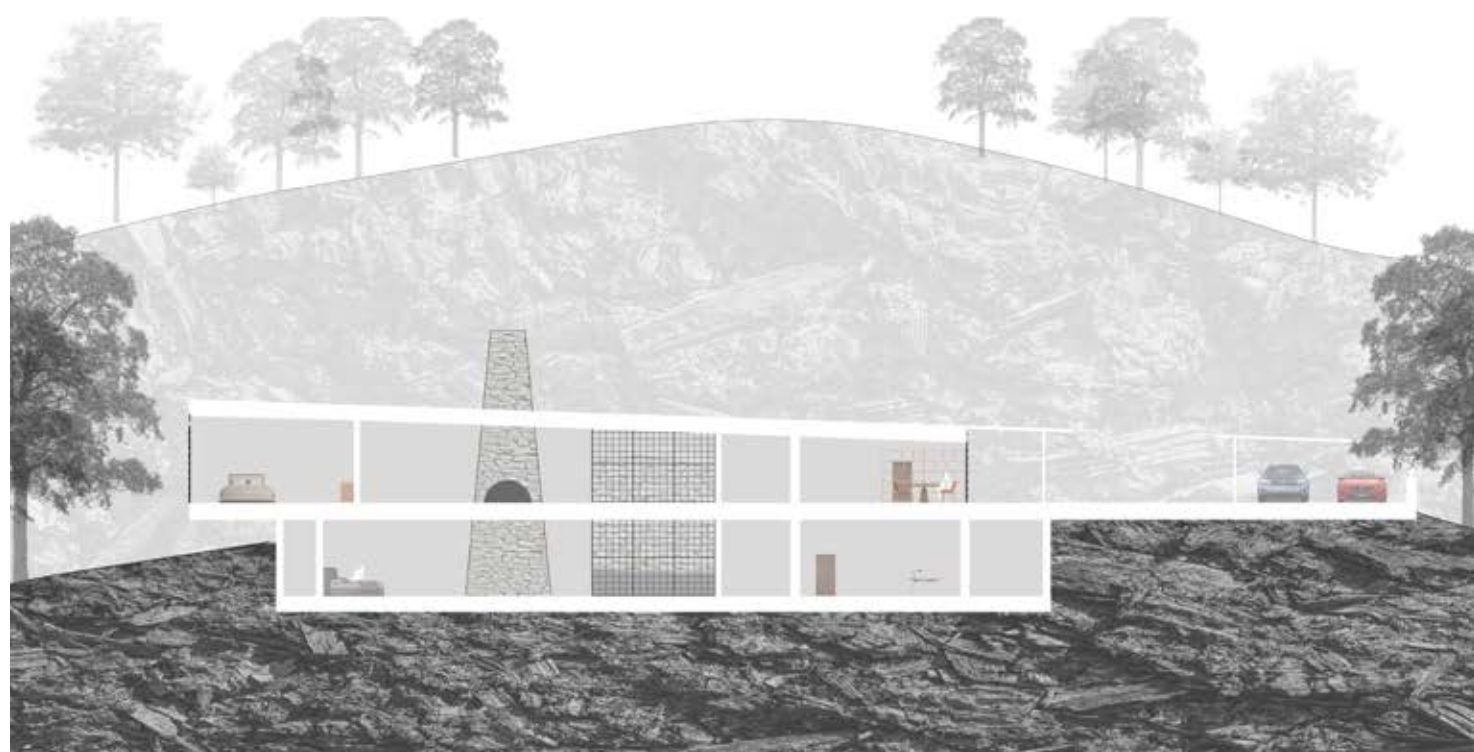
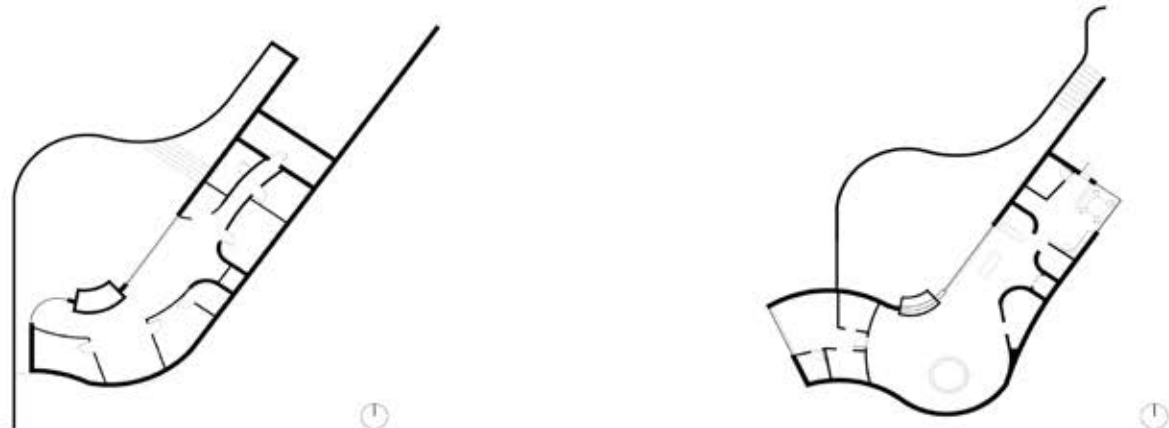
This project investigates residential design across North Carolina's four topographies—coastal plains, piedmont, mountains, and wetlands—where terrain, climate, and ecology dictate spatial and material strategies. Each environment demands site-responsive interventions that balance human habitation with ecological integrity, engaging with regional conditions to shape resilient, context-driven dwellings.

Mountain sites pose complex challenges: unstable slopes require engineered foundations and erosion control, while remote access complicates construction and maintenance. Extreme weather—snow, wind, and temperature swings—demands high-performance materials and passive systems. Preserving the landscape while embedding architecture within it necessitates minimal disturbance and precise siting. Yet, the rewards—seclusion, panoramic views, and an immersive natural experience—frame the mountains as both an architectural constraint and an opportunity for innovation.

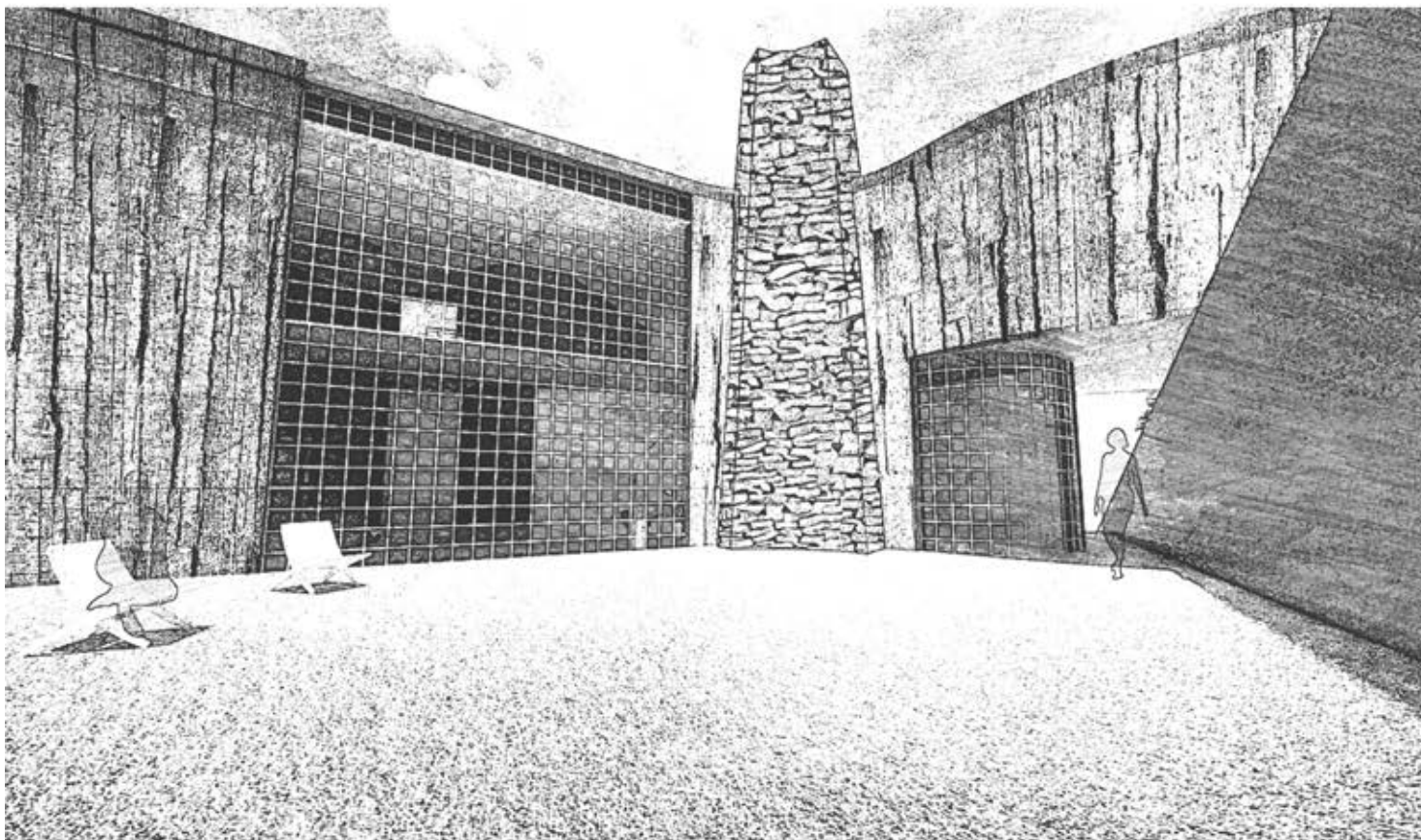
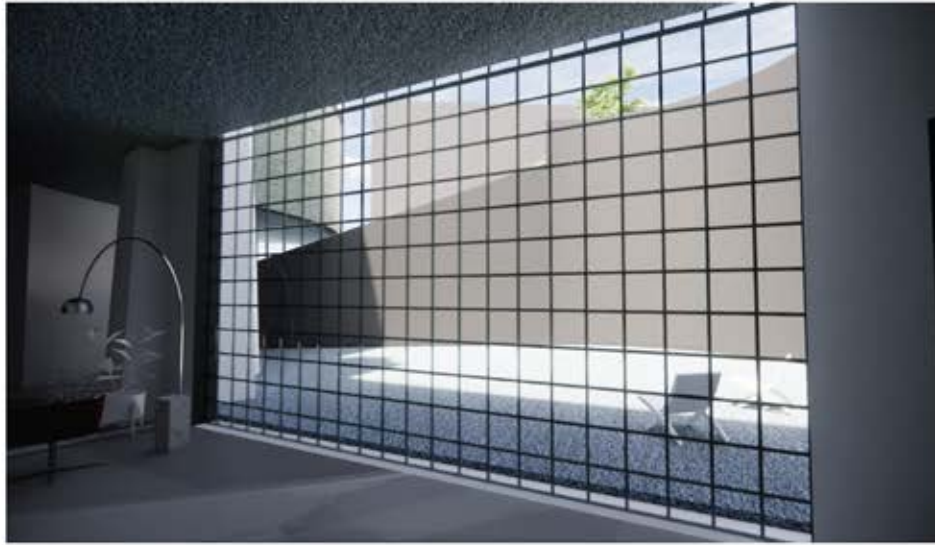




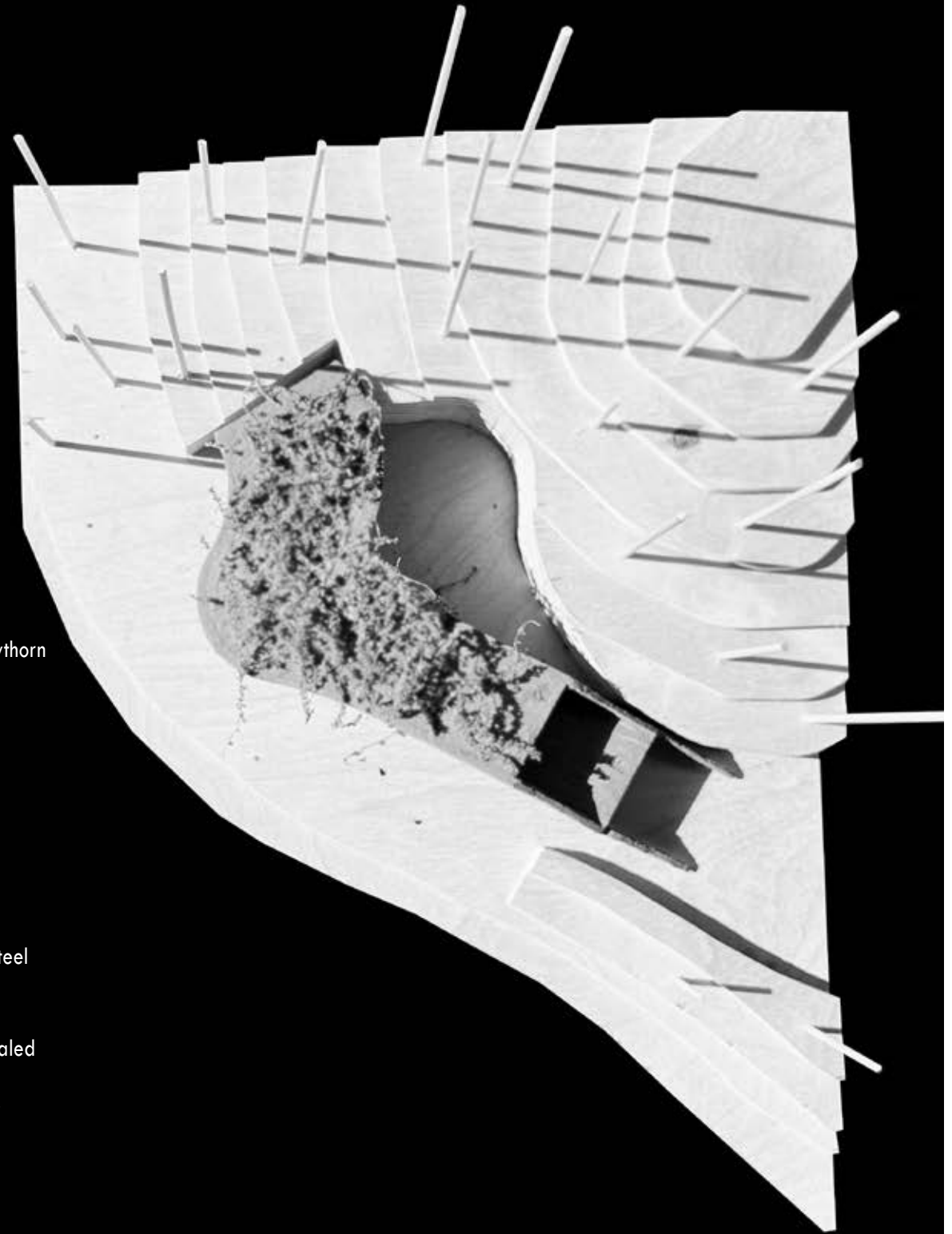








Embedded by blankets
 Light trickles down
 Through extended arms
 Of aged oak maple hawthorn
 Slow ascension reveals
 Close guarded secrets
 Illustrated ribbons
 Reveal a borrowed
 Painters palette
 Lofted light
 Bathes the living
 In tilted halo's glow
 Steadfast in nature
 By rampart and stilted steel
 Allowing intimacy
 Among howling winds
 Where elevations are scaled
 Yet the permanence
 Of the earth is never far
 All seasons
 Lived in one day
 Golden slumbers
 Rising from the East
 While Blue Ridge crown
 Lies sleeping off West
 Stitched in lichen
 Making Greensleeves
 Of hard bark
 A weathered heart of stone
 Wrapped in a velvet glove

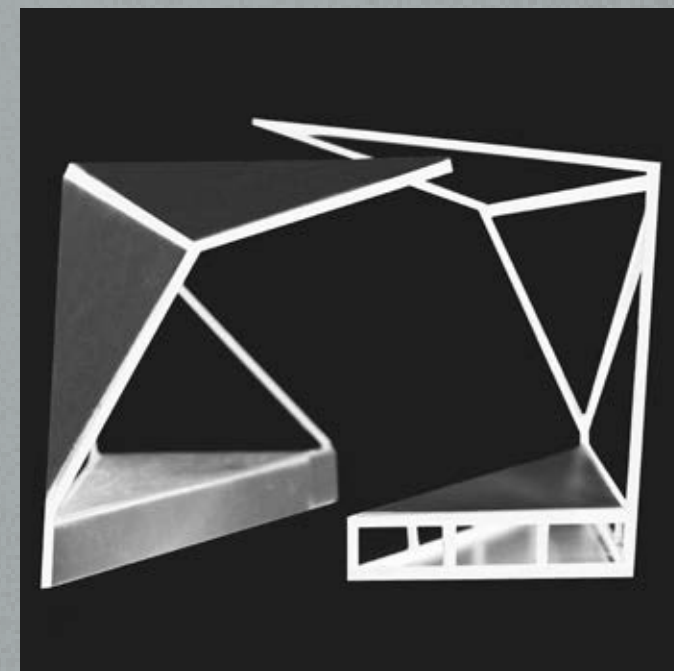


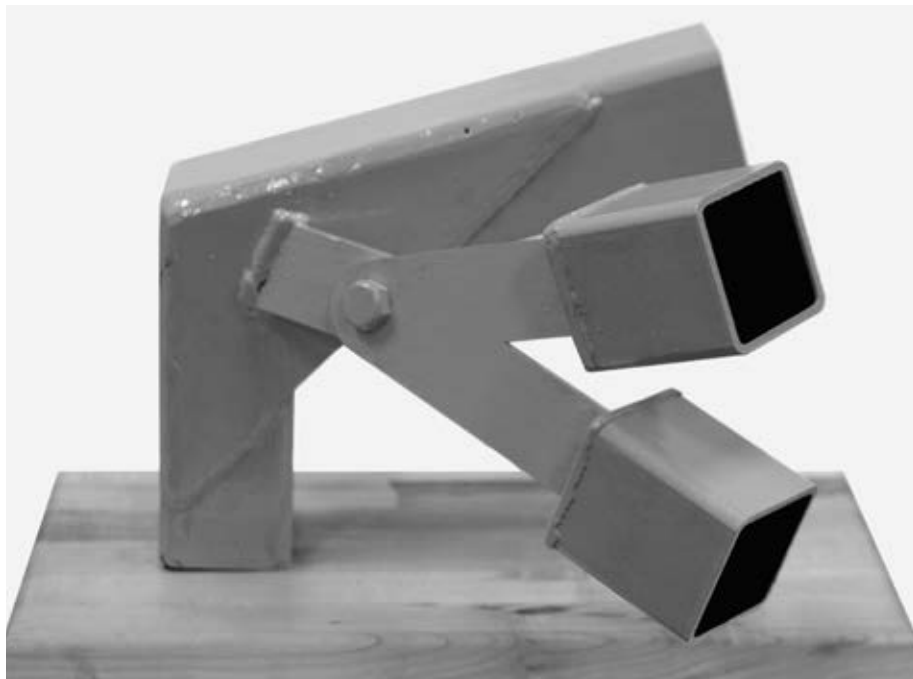
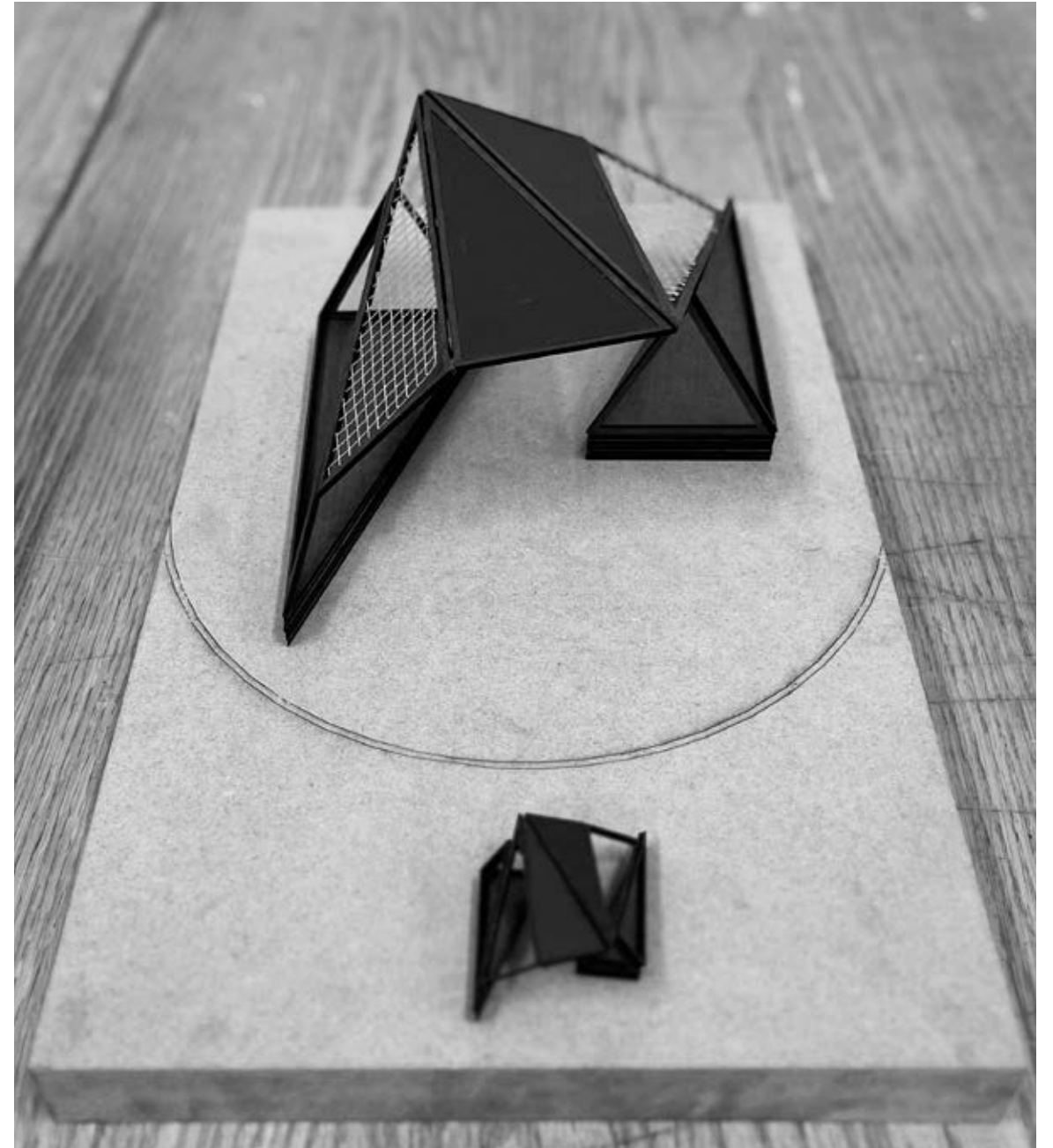
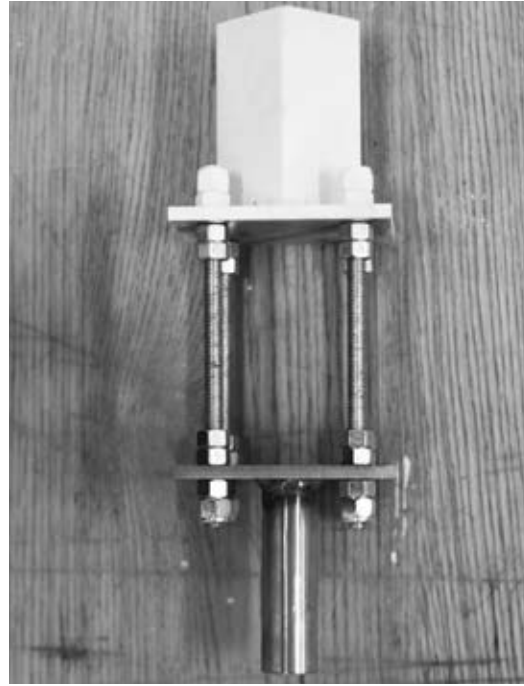
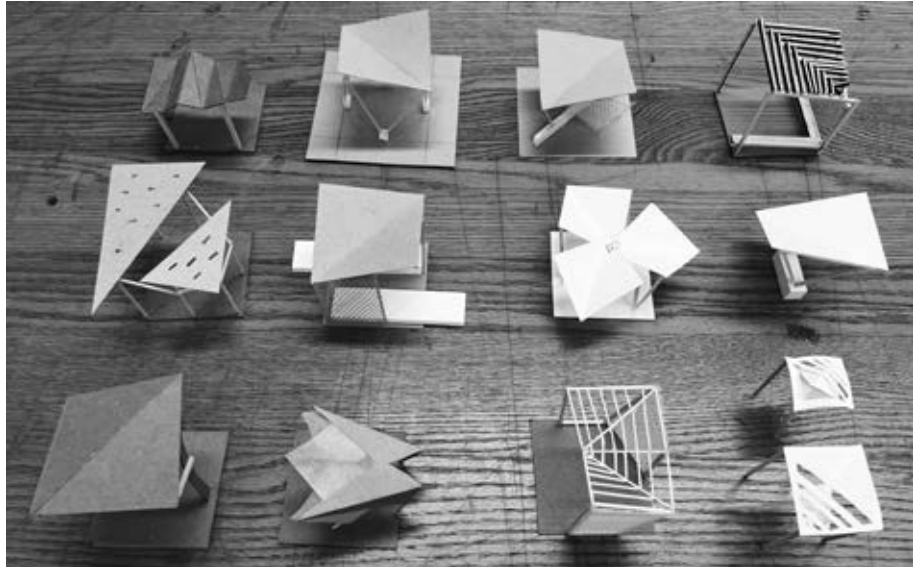
DESIGN+BUILD

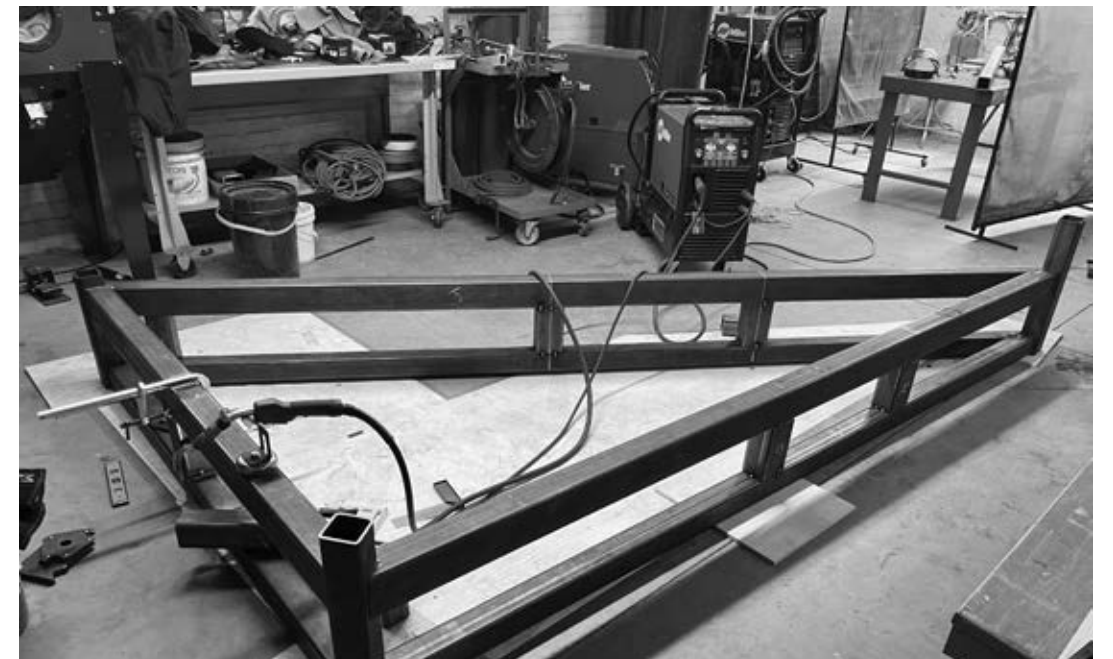
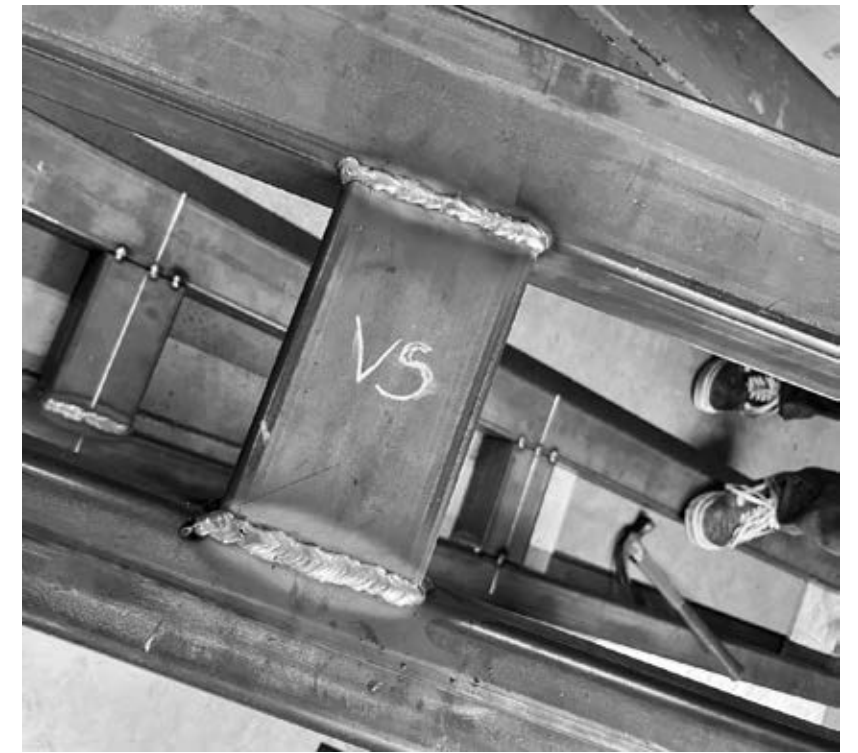
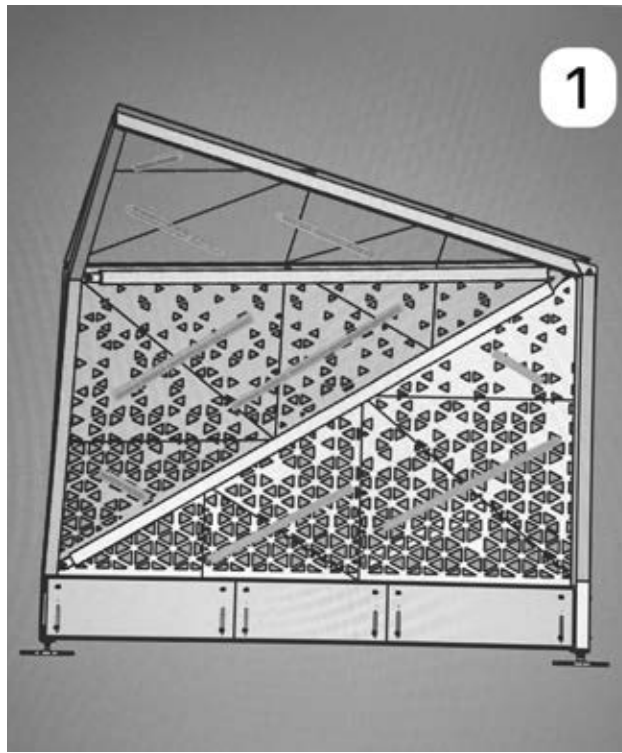
SUMMER STUDIO
NC STATE M.ARCH 2024
INSTR. RANDALL LANOU
AND ERIK MEHLMAN OF
BUILDSENSE, DURHAM, NC

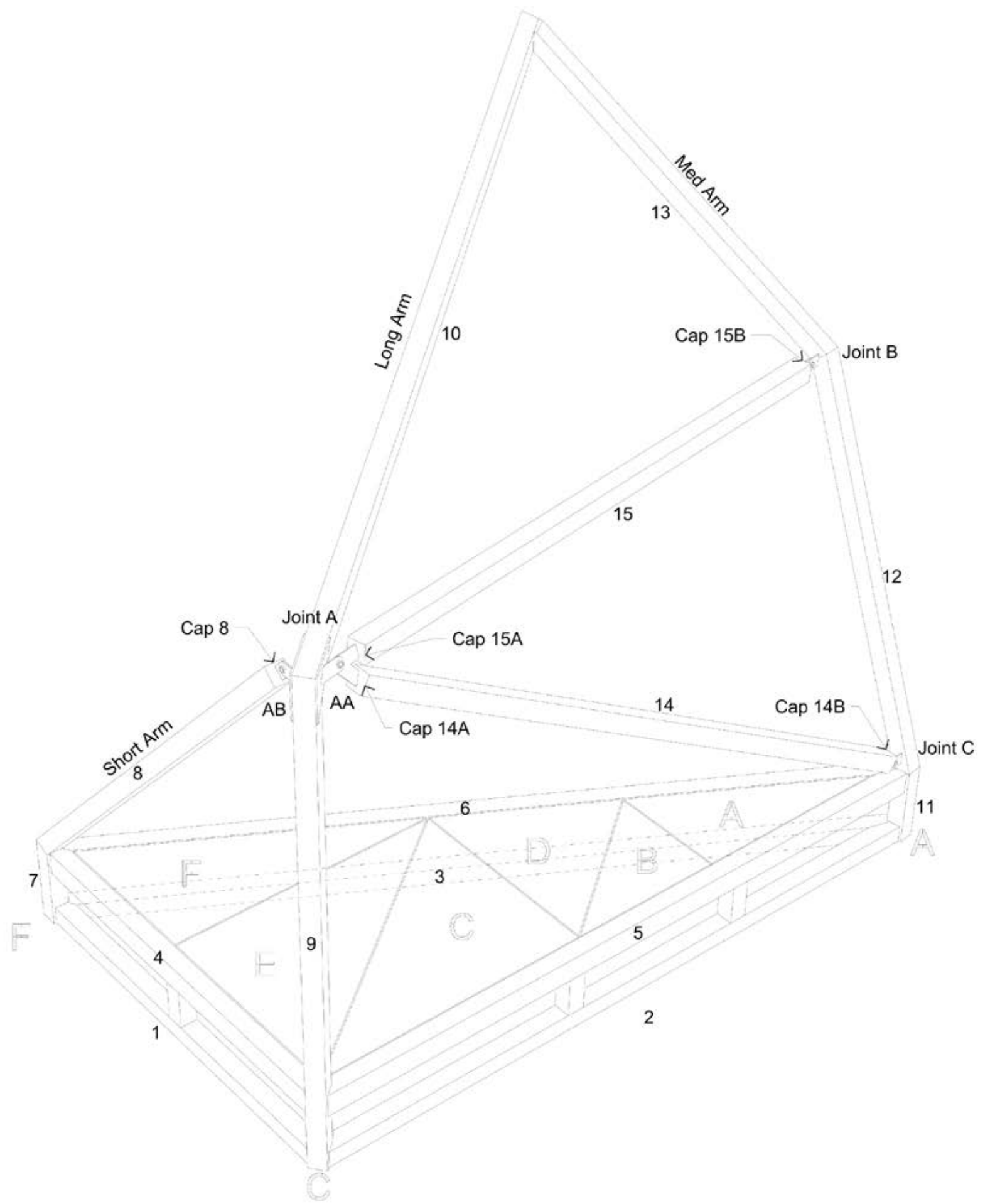
As a student in the Summer 2024 Design-Build Studio, I was part of a collaborative team that partnered with BuildSense to design and construct shade structures for SKATE RALEIGH at the Conlon Family Skate Park in Raleigh. This intensive ten-week program immersed us in every stage of the design-build process, from conceptualization to construction.

Our project aimed to create sheltered spaces that provide skatepark visitors with relief from the elements, balancing aesthetic, functional, and contextual considerations. In addition to contributing to site planning, schematic design, and construction documentation, I took on the responsibility of leading the welding operations, guiding team members through precise fabrication techniques, and working diligently to meet project deadlines. The fast-paced nature of the studio required me to develop decisive design strategies, adapt to real-world constraints, and manage both the technical and collaborative aspects of construction. This experience not only strengthened my leadership and instructional abilities but also reinforced my commitment to hands-on, community-driven architectural interventions.









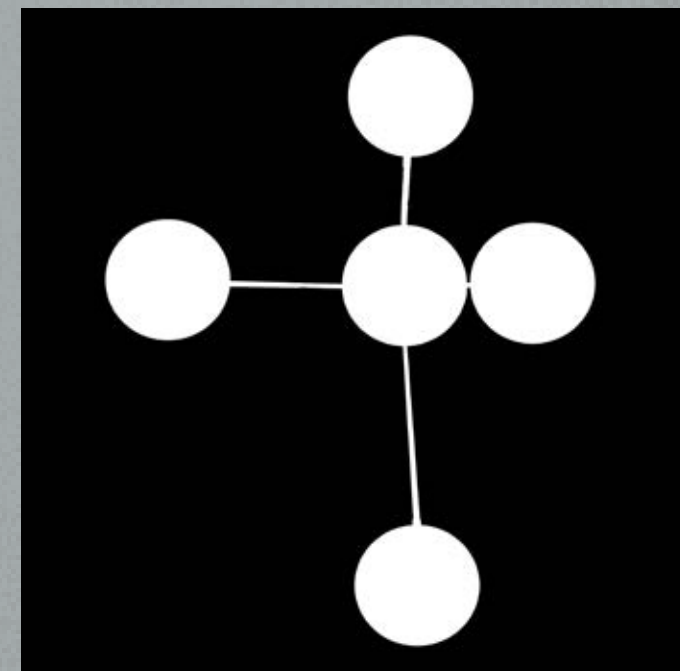




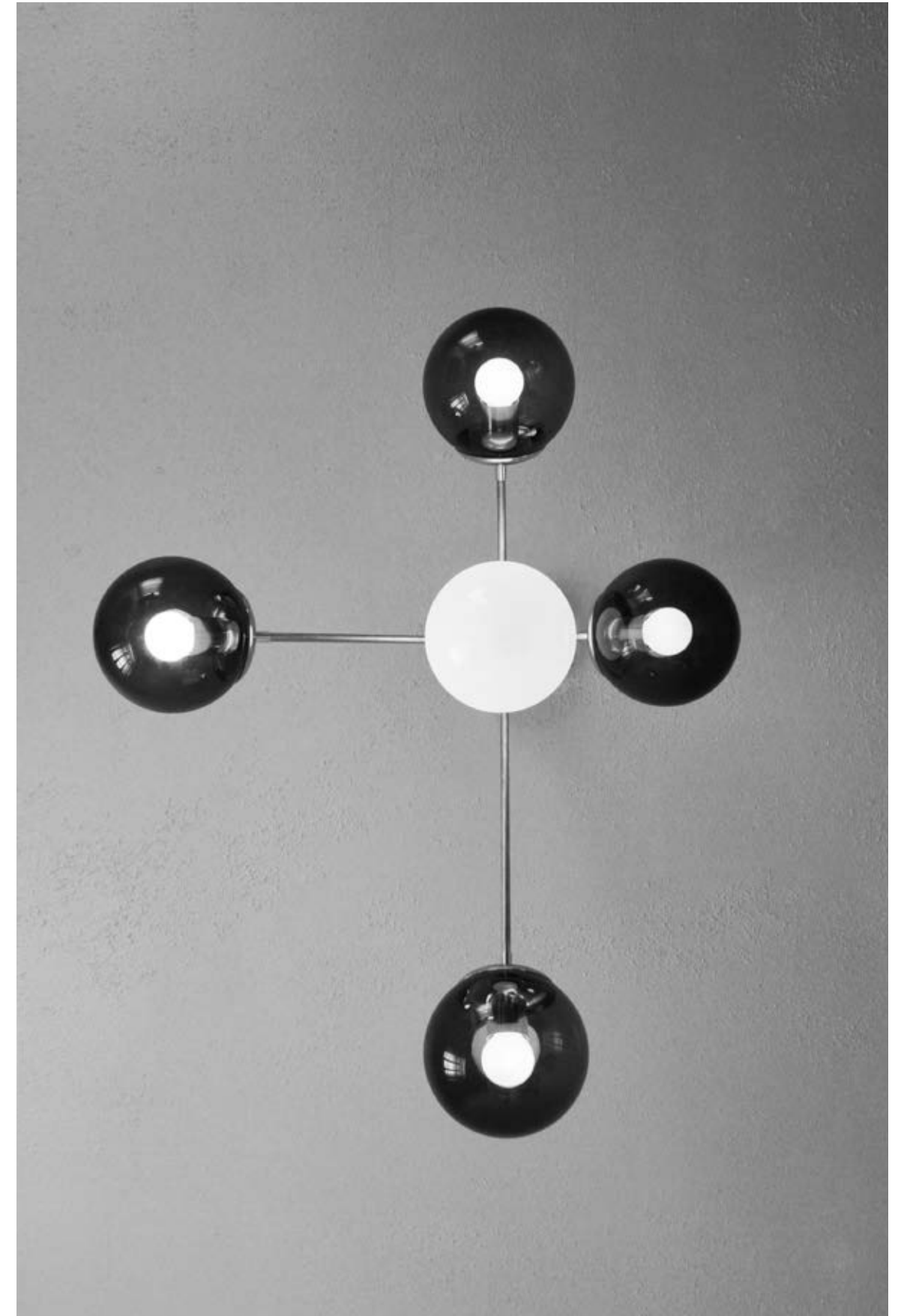
FABRICATION

Here, a curated selection of personal, academic, and professional projects that showcase a deep understanding of materials, precision in craftsmanship, and a strong sense of design refinement. These works demonstrate not only technical expertise but also an intuitive ability to manipulate materials, explore structural possibilities, and execute high-quality fabrication with attention to both function and aesthetics.

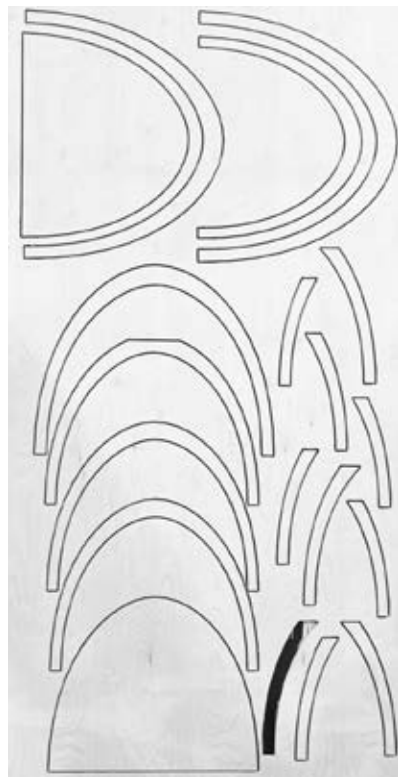
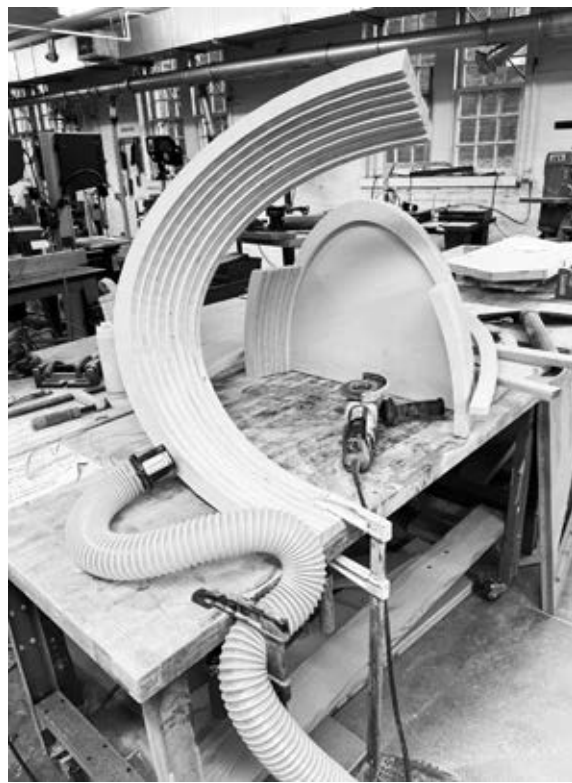
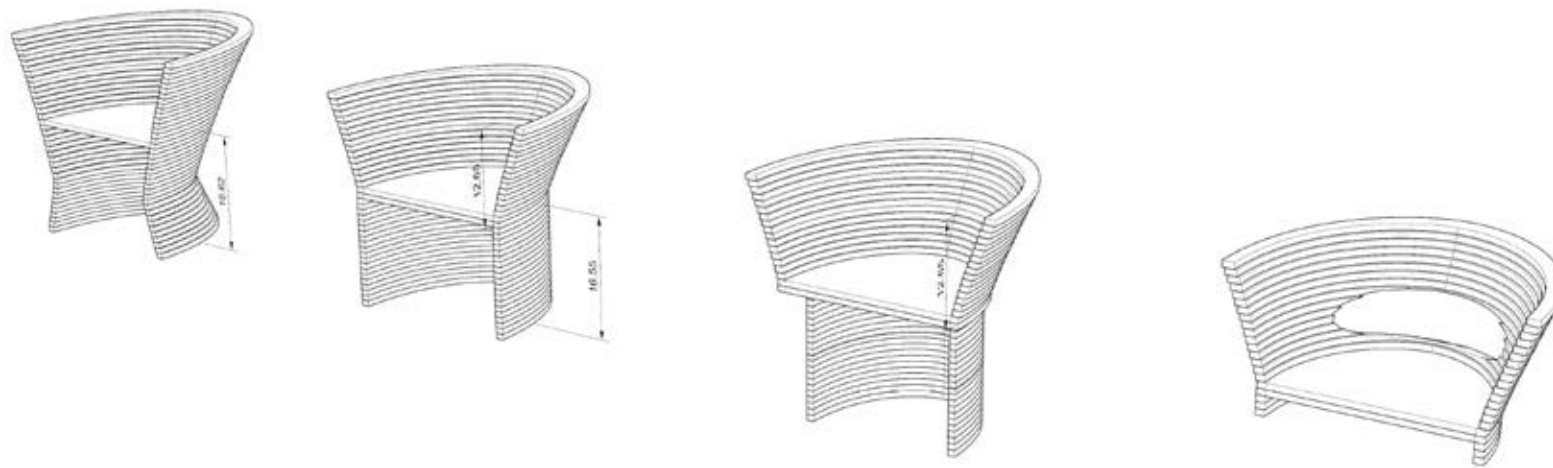
Spanning disciplines of architecture, sculpture, and digital fabrication, these projects highlight a versatility in working with a range of materials, including wood, metal, concrete, composites, and experimental mediums. From intricate scale models to full-scale installations and built structures, each piece reflects a commitment to material intelligence and fabrication excellence. Processes such as CNC milling, 3D printing, laser cutting, metalworking, and handcraft techniques are employed with precision, bridging digital design with physical execution.



ORRERY: CUSTOM MODO
CHANDELIER CREATED AT
ROLL & HILL

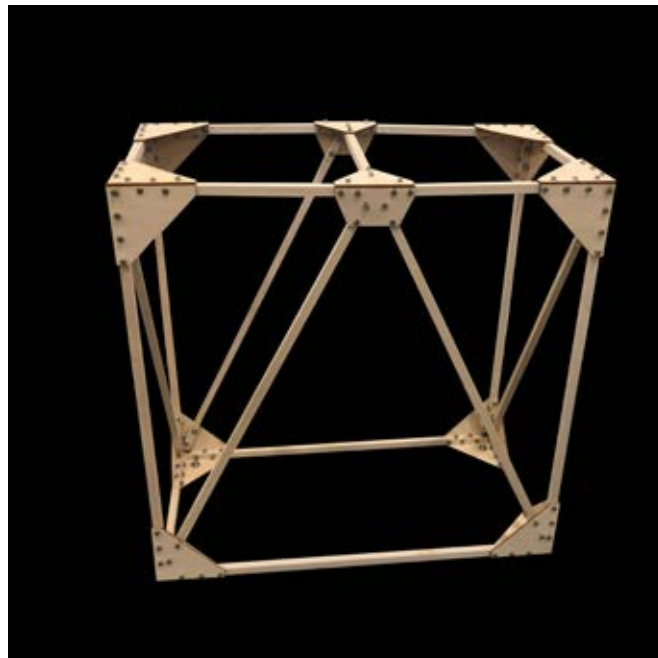


HULL: CHAIR DESIGN
ELECTIVE, NC STATE 2023

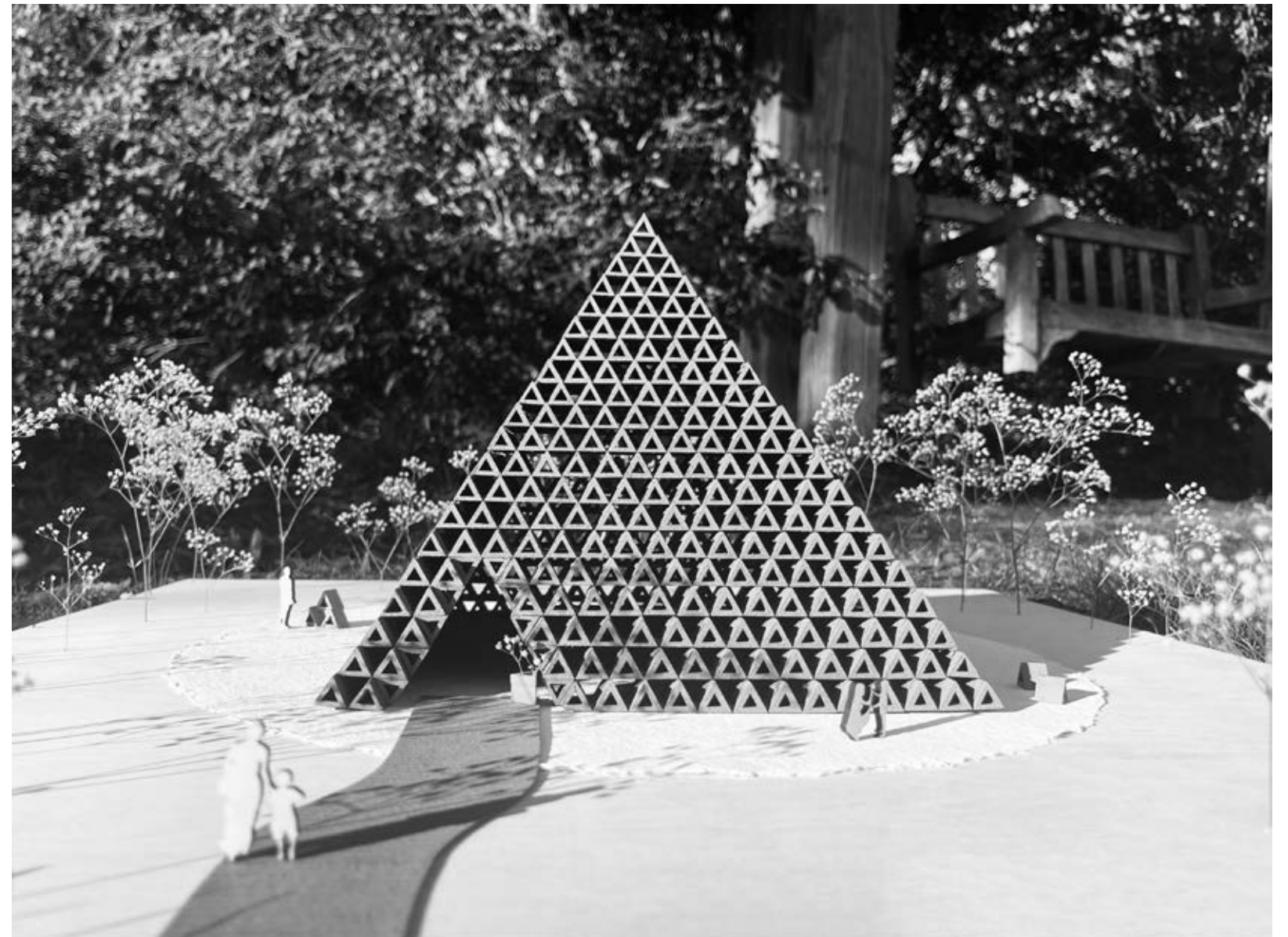


PROTOTYPE: CUSTOM FINIAL
DISPLAY AND DOORKNOB
DESIGNS AT NANZ





MATERIAL INVESTIGATION:
SCALE MODELS AND DETAILS
EXPLORING STRUCTURE

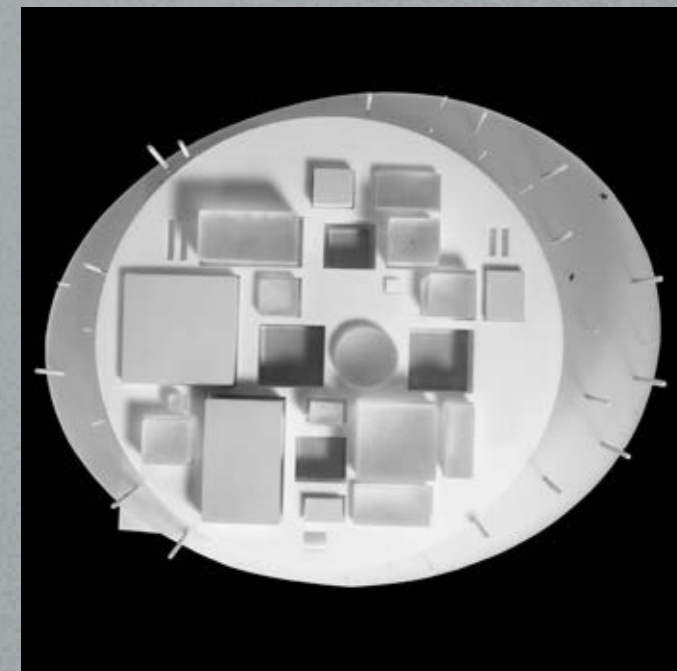


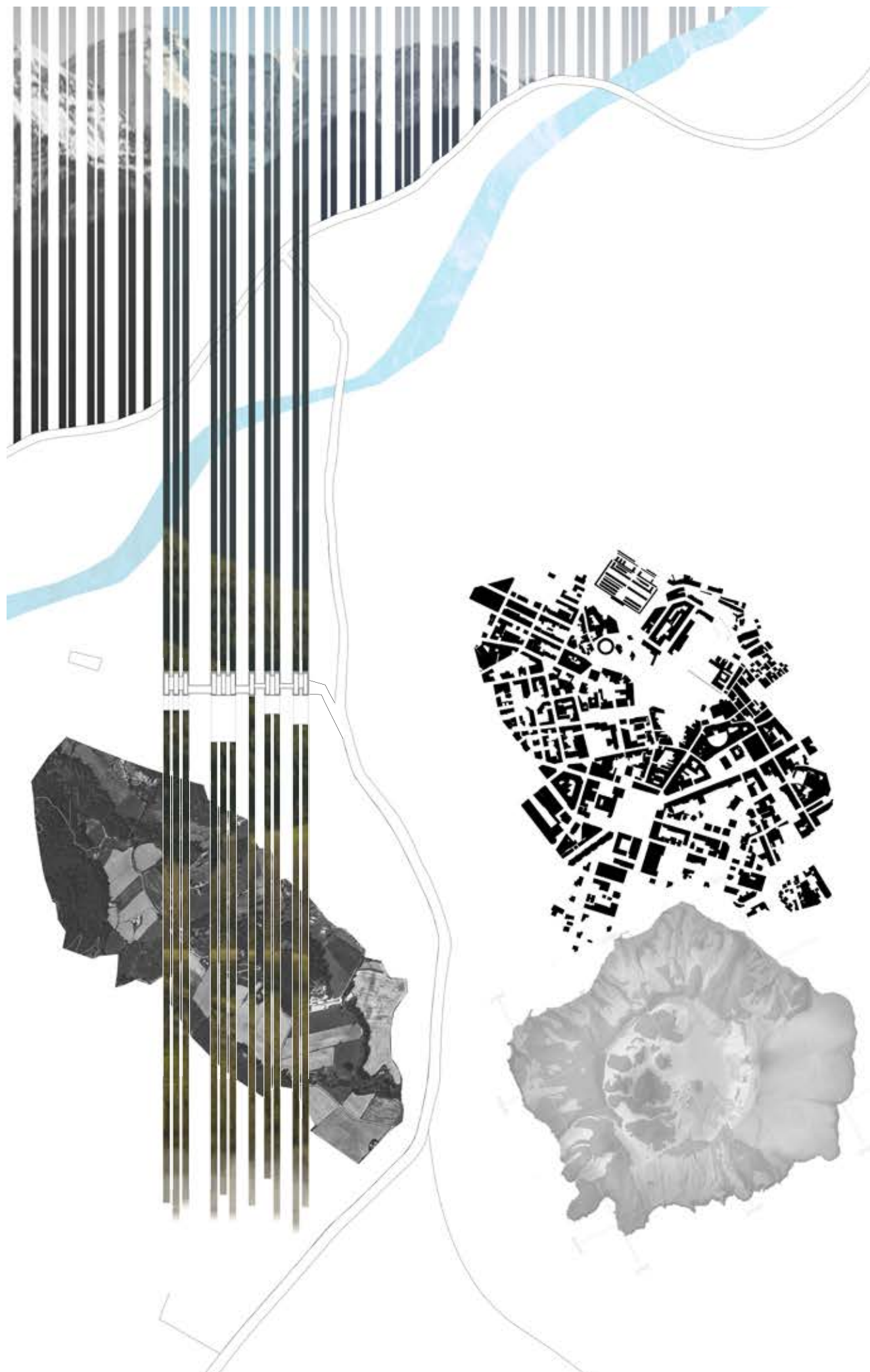
PRECEDENT & PROCESS

RCR-HORIZON HOUSE
SANAA-21 CENTURY
MUSEUM OF CONTEMPORARY
ART
NOTES AND SKETCHES

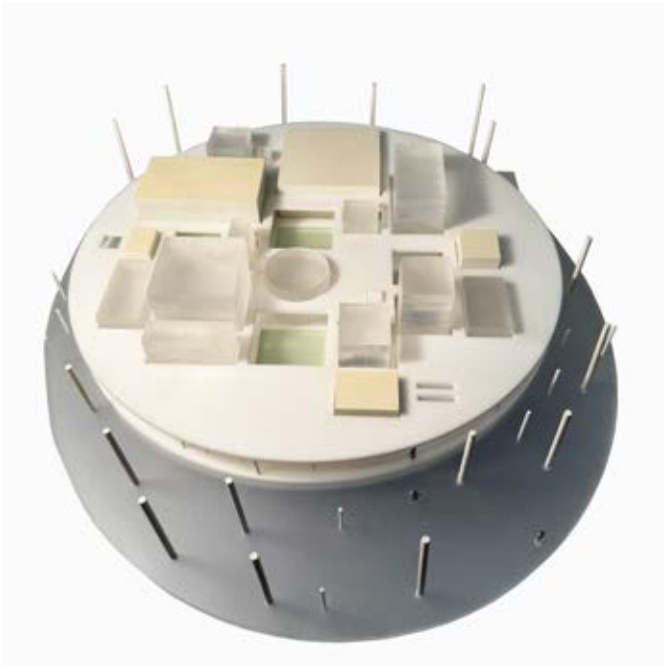
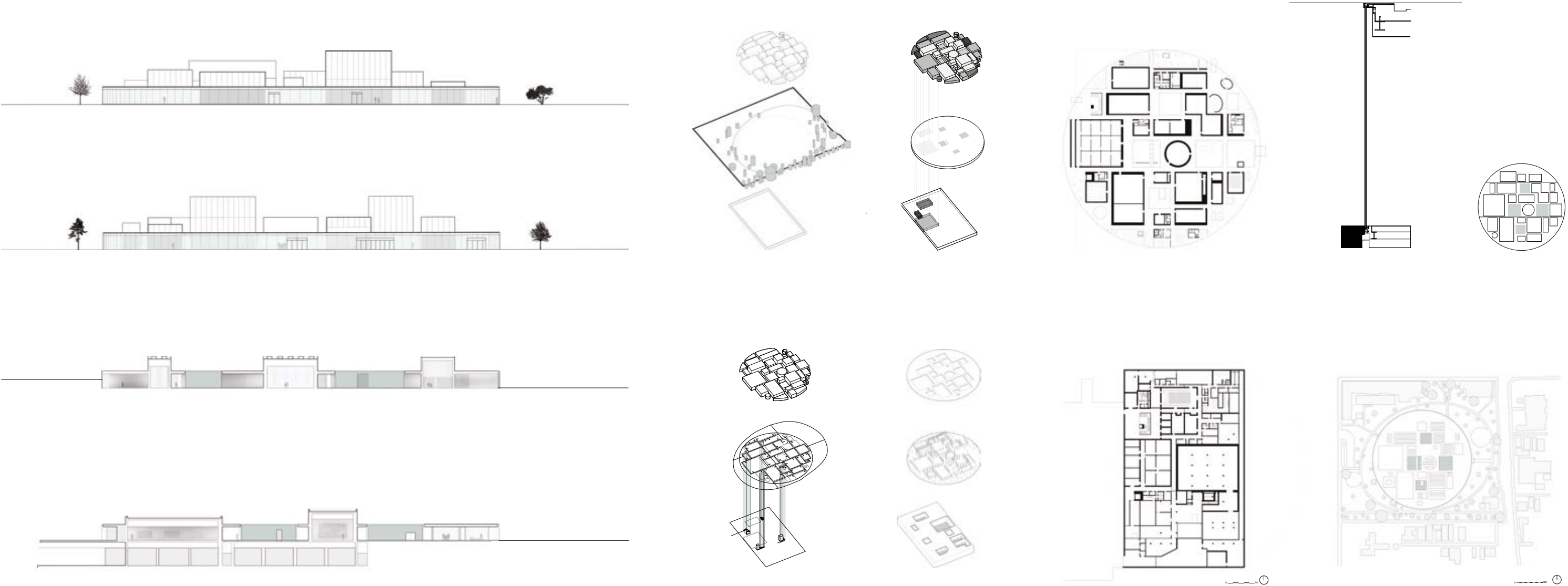
Studying architecture requires both technical skill and a deep understanding of design principles and history. By analyzing renowned architects and significant projects, we dissect floor plans, materials, and structural innovations to see how theory translates into practice. This process sharpened my problem-solving skills, deepened my appreciation for form and function, and enhanced my ability to create thoughtful, well-informed designs.

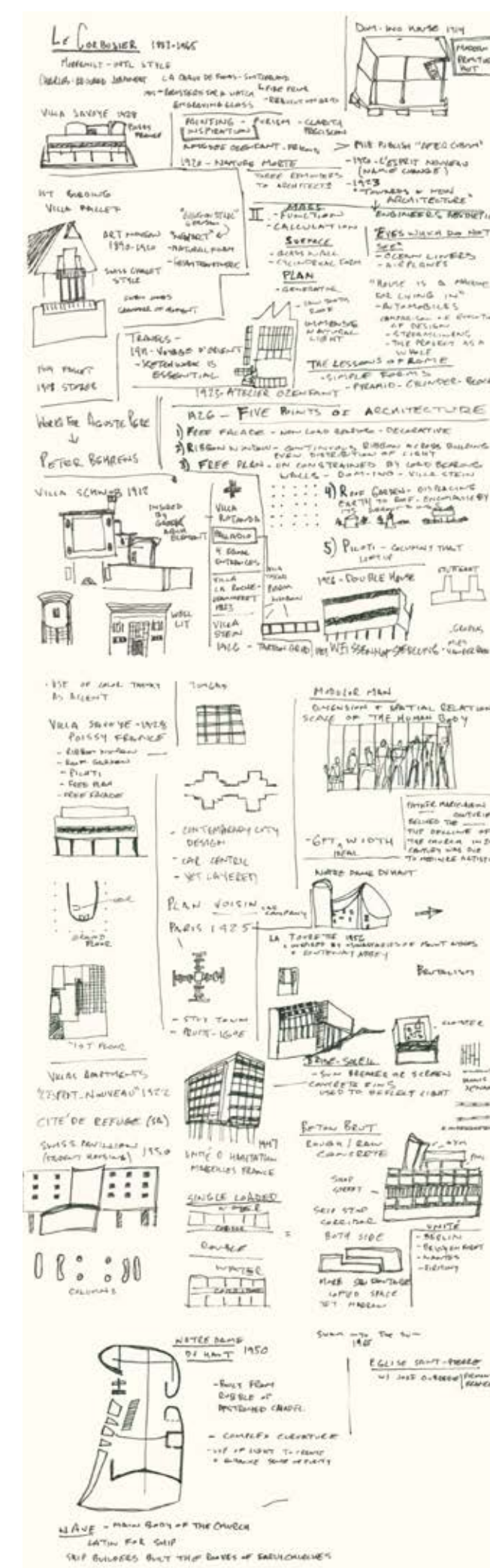
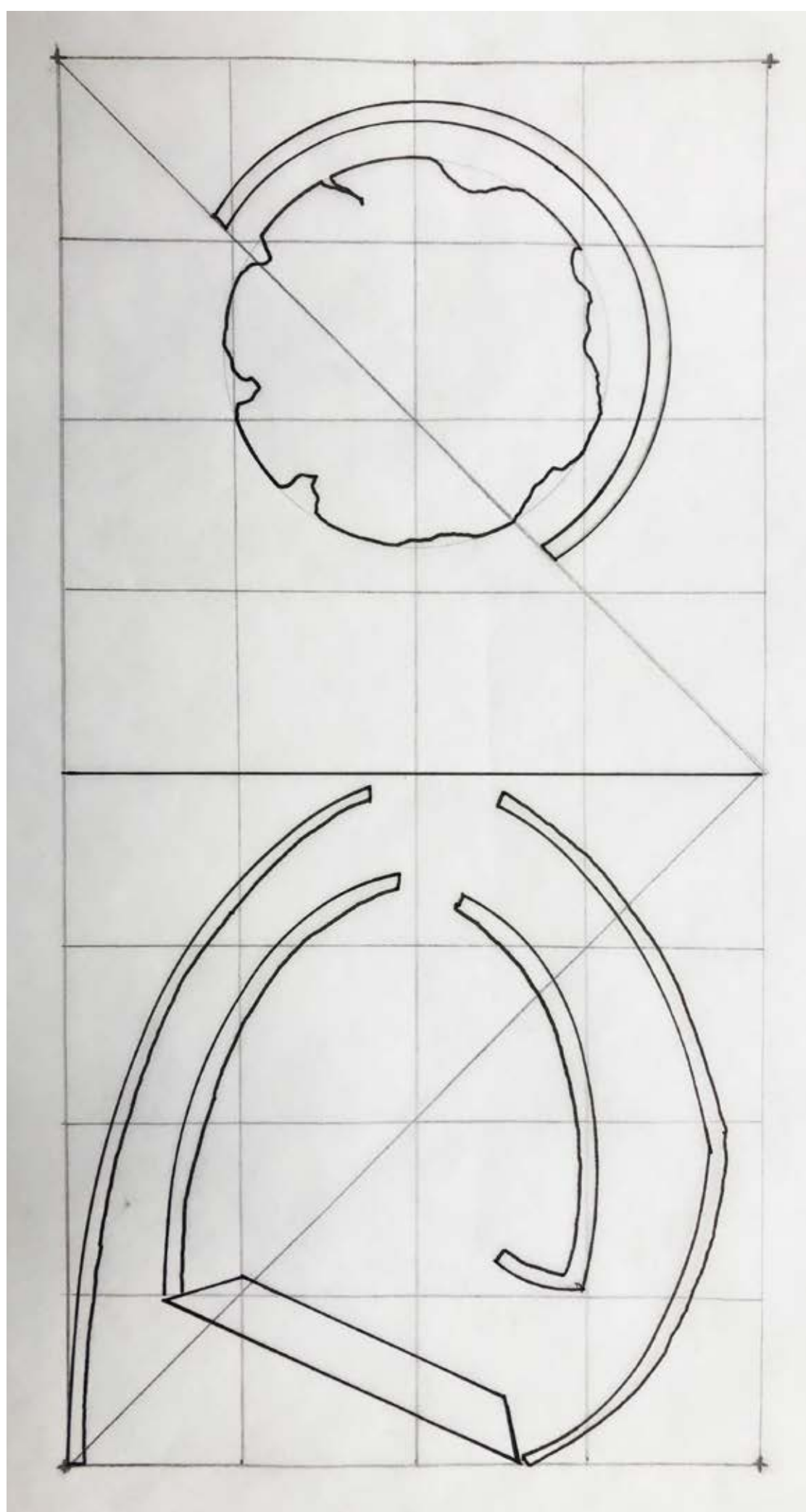
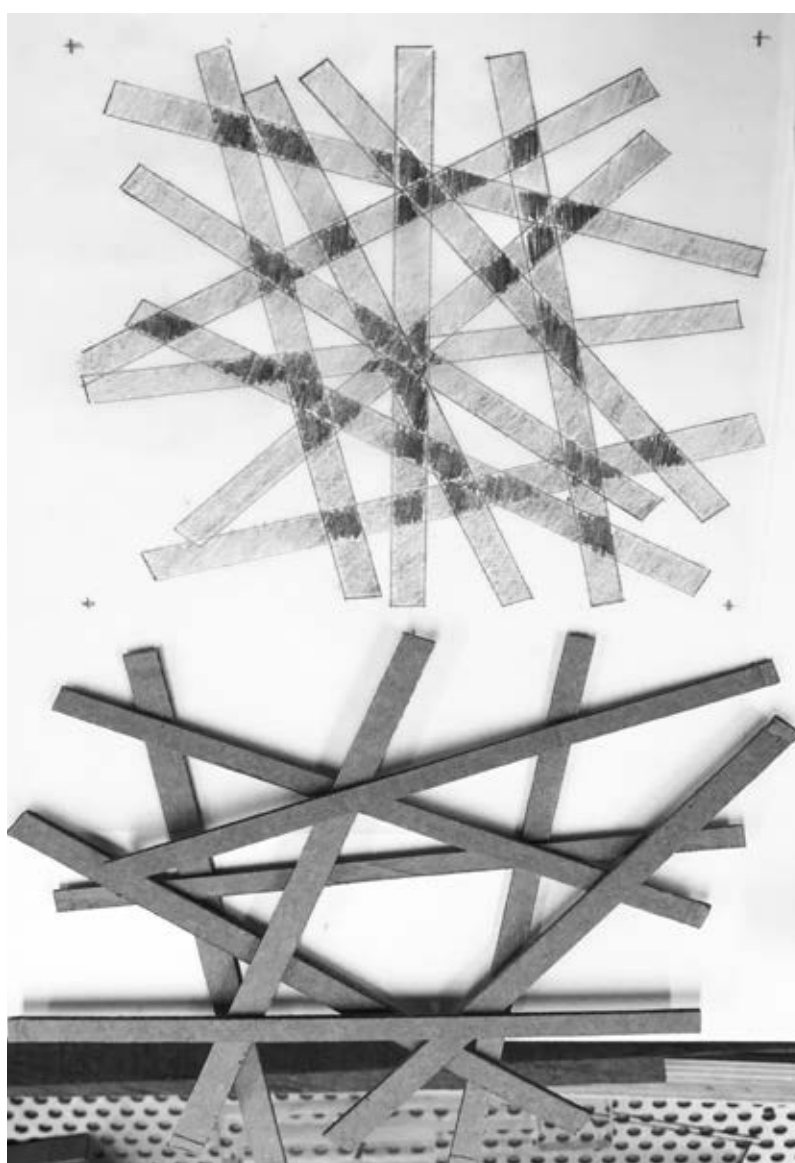
Through this in-depth study, architecture transforms from an academic discipline into a sensory experience. Analyzing these works sharpens perception. Plans and sections evolve into spatial sequences. Materials convey texture and weight. Light becomes an active element rather than an abstract concept. The more closely I examined these works, the more I began to feel their rhythm, proportion, and atmosphere, understanding how architects craft experiences rather than just structures. This deeper engagement trained me to see beyond drawings and models, recognizing how design choices shape movement, perception, and emotion within a space.

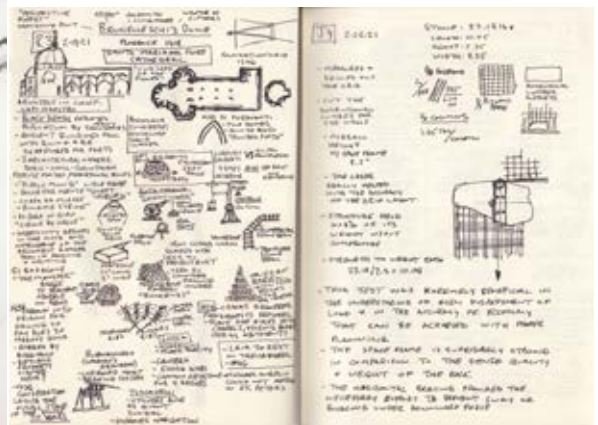
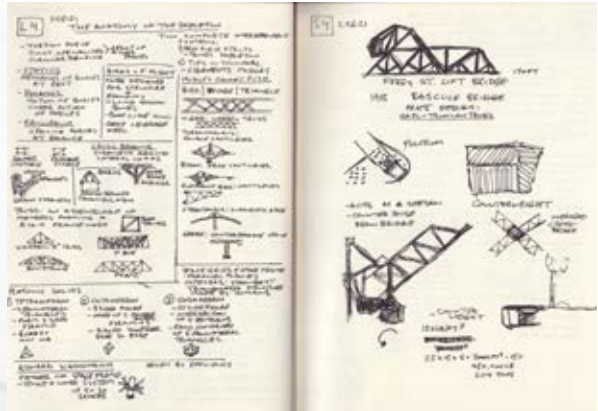
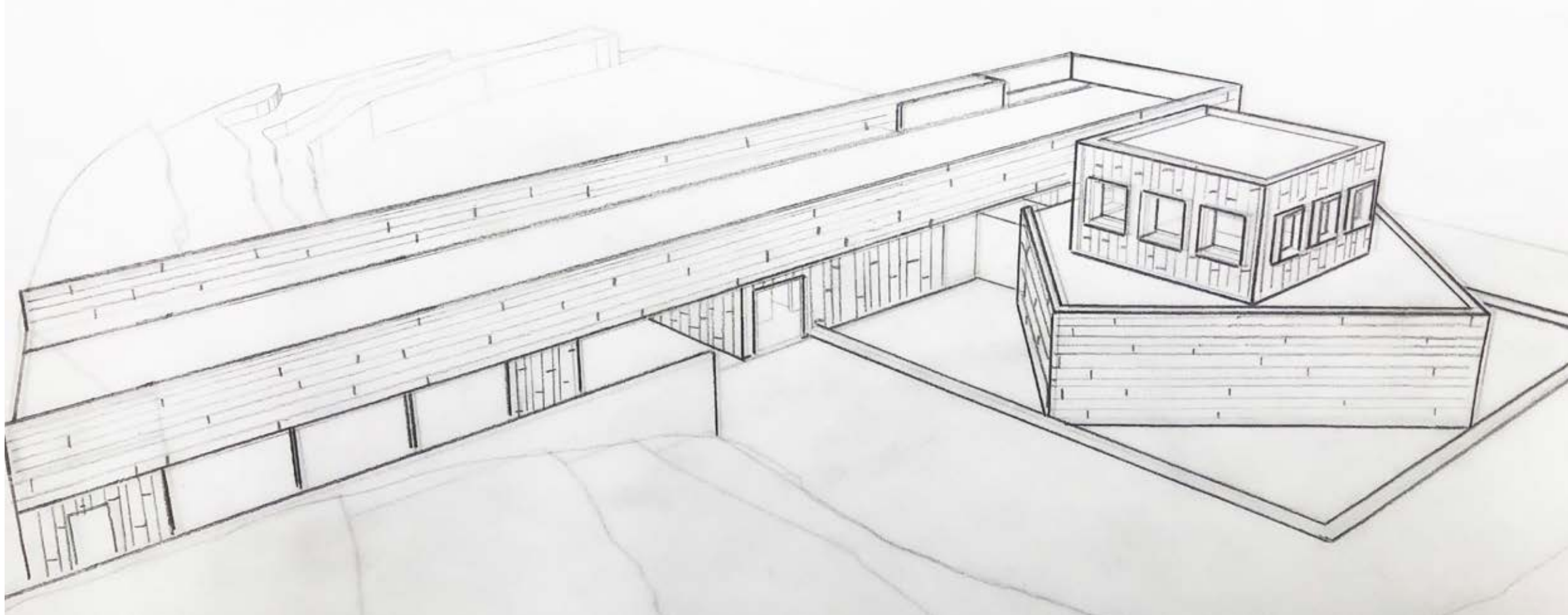
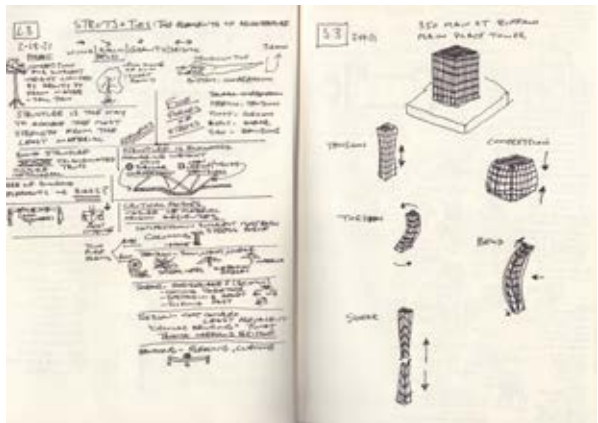
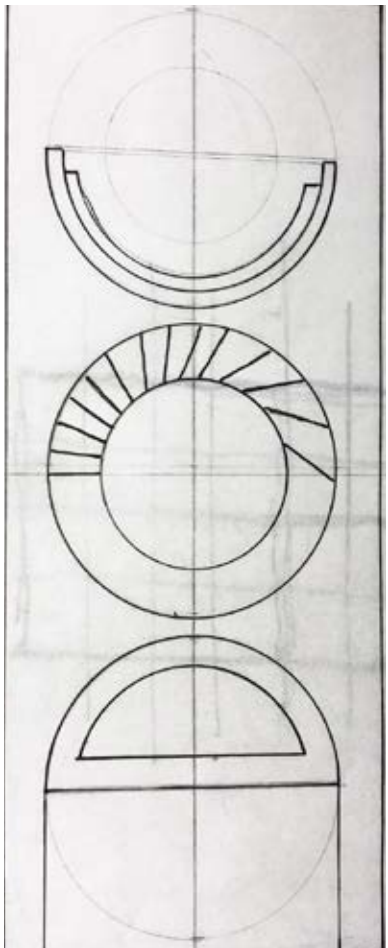
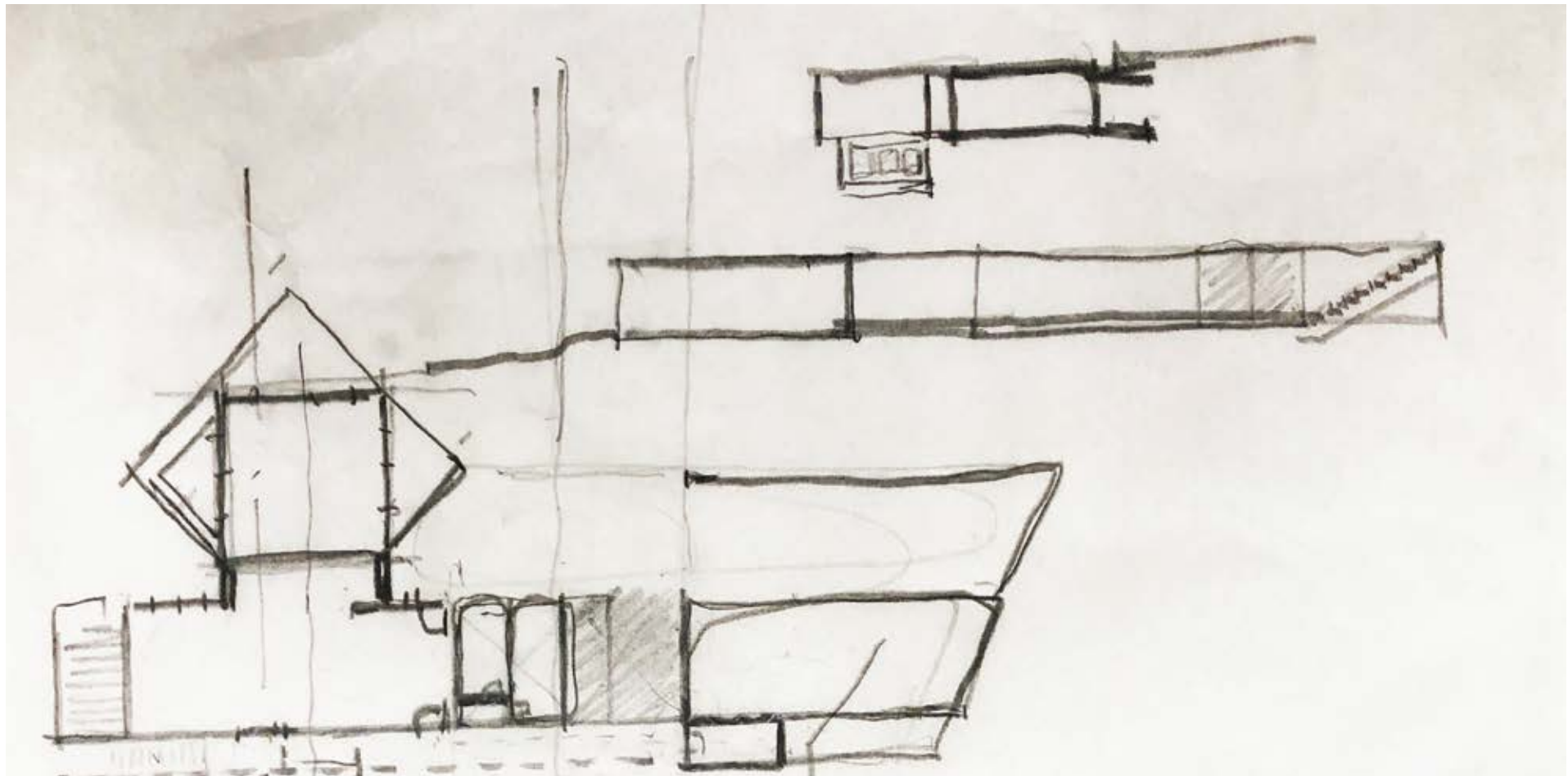




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