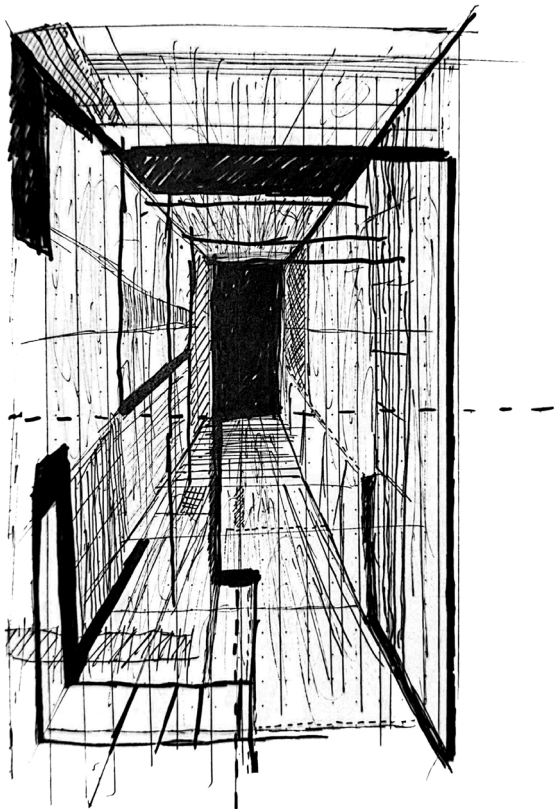




P O R T F O L I O

Architecture / Interior Architecture
double major

ZOLTAHN JACOBSON

ZOLTAHN M JACOBSON

Auburn University
2058 nw 14th ave
gnv, fl 32605

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jacobsonzoltahn@gmail.com
+1 352 263 1751



When you impose architecture on a community you **DESTROY** it. The role of an architect is to put something on this planet that is a **BETTERMENT** to their community. When you leave this planet, if you can sit there and say I did my bit to improve the **WORLD** then you can consider yourself a **SUCCESSFUL** architect. If on your deathbed you realize that what you did was destroy neighborhoods, create urban wastelands and line the pockets of developers who didn't care about the residents, then you **FAILED**.

education

AUBURN UNIVERSITY COLLEGE OF ARCHITECTURE, DESIGN AND CONSTRUCTION, auburn, al
BACHELOR OF ARCHITECTURE, b. arch
BACHELOR OF INTERIOR ARCHITECTURE, bi. arch
expected graduation 2029 | gpa 3.7/4.0, studio gpa 4.0/4.0

DREXEL UNIVERSITY ANTOINETTE WESTPHAL COLLEGE OF MEDIA ARTS & DESIGN, philadelphia, pa
DISCOVERING ARCHITECTURE SUMMER PROGRAM, summer 2023

honors

SHORTLISTED PARTICIPANT, WOOD COMPETITION, auburn university, alabama forestry student design competition, 2026
shortlisted for a student wood design competition based on the strength of the architectural proposal, material strategy, structural approach, and overall design presentation.

DEAN'S LIST, auburn university, fall 2025, spring 2026, fall 2026

RANKED 1ST IN FRESHMAN ARCHITECTURE COHORT, auburn university, 2025
ranked first in the freshman architecture cohort during the first-year competitive ranking and selection process for continuation in the professional architecture program.

involvement

MEMBER, AMERICAN INSTITUTE OF ARCHITECTURE STUDENTS, auburn chapter, 2024 - present
participated in auburn aias events, meetings, lectures, workshops, and professional development opportunities while engaging with architecture students and professionals.

PEER MENTOR, AMERICAN INSTITUTE OF ARCHITECTURE STUDENTS, auburn chapter, 2024 - 2026
mentored younger architecture students through auburn's peer mentoring program, provided guidance on studio expectations, coursework, reviews, time management, and adjusting to the architecture program.

experience

STUDIO SUPERETTE, new york, ny
ARCHITECTURE INTERN, may 2026 - july 2026
assisted with architectural design development and project coordination, produced renderings, drawings, and presentation materials, worked in revit, rhino, autocad, enscape, and adobe creative suite, participated in project meetings and site visits, supported design research, documentation, and visualization workflows, collaborated with team members on multiple active projects.
- selected projects: nike retail locations, the north face retail locations, google stores, magical candy cottage permanent location, nyc / connecticut residential.

LIBRARY OF ARCHITECTURE, DESIGN, & CONSTRUCTION, auburn, al
STUDENT LIBRARY ASSISTANT, aug 2026 - present
assisted students and faculty with research, reference materials, and library resources, organized and maintained architecture and design collections, managed circulation and shelving, supported daily library operations, and helped maintain an accessible and organized research environment.

project experience

ACADEMIC DESIGN PROJECTS, auburn university
developed architectural projects through research, modeling, drawing, and presentation, produced physical and digital models using rhino, revit, and adobe suite, created construction drawings, renderings, diagrams, and visual presentations, managed deadlines across multiple long-term studio projects, presented work during formal critiques and reviews

skills

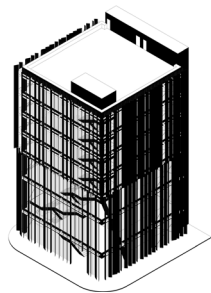
SOFTWARE
revit, rhino, autocad, grasshopper, sketchup, enscape, d5 render, photoshop, illustrator, indesign, lightroom, bluebeam revu, microsoft office suite, p5.js

TECHNICAL
design visualization, digital modeling, rendering, construction drawings, documentation, project coordination, research, fabrication workflows, laser cutting, model fabrication, organization, communication, teamwork, troubleshooting

in progress

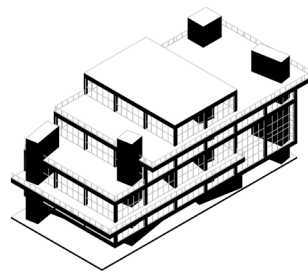
LEED GREEN ASSOCIATE, U.S. GREEN BUILDING COUNCIL, 2026
currently studying for professional credential demonstrating knowledge of green building principles, sustainable design strategies, LEED rating systems, energy and water efficiency, materials, indoor environmental quality, and sustainable site development.

01



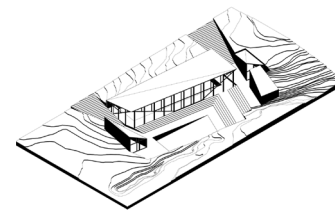
01 MIXED-USE OFFICE SPACE
chicago, illinois

02



02 SCHOOL OF FABRICATION
columbus, georgia

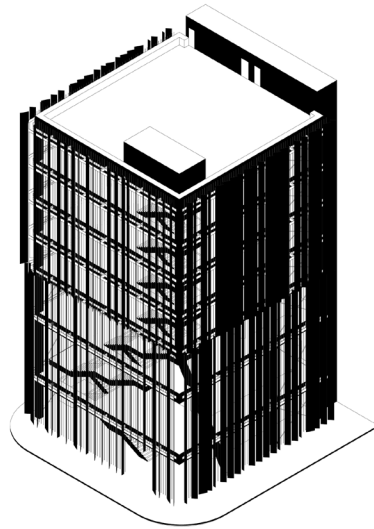
03



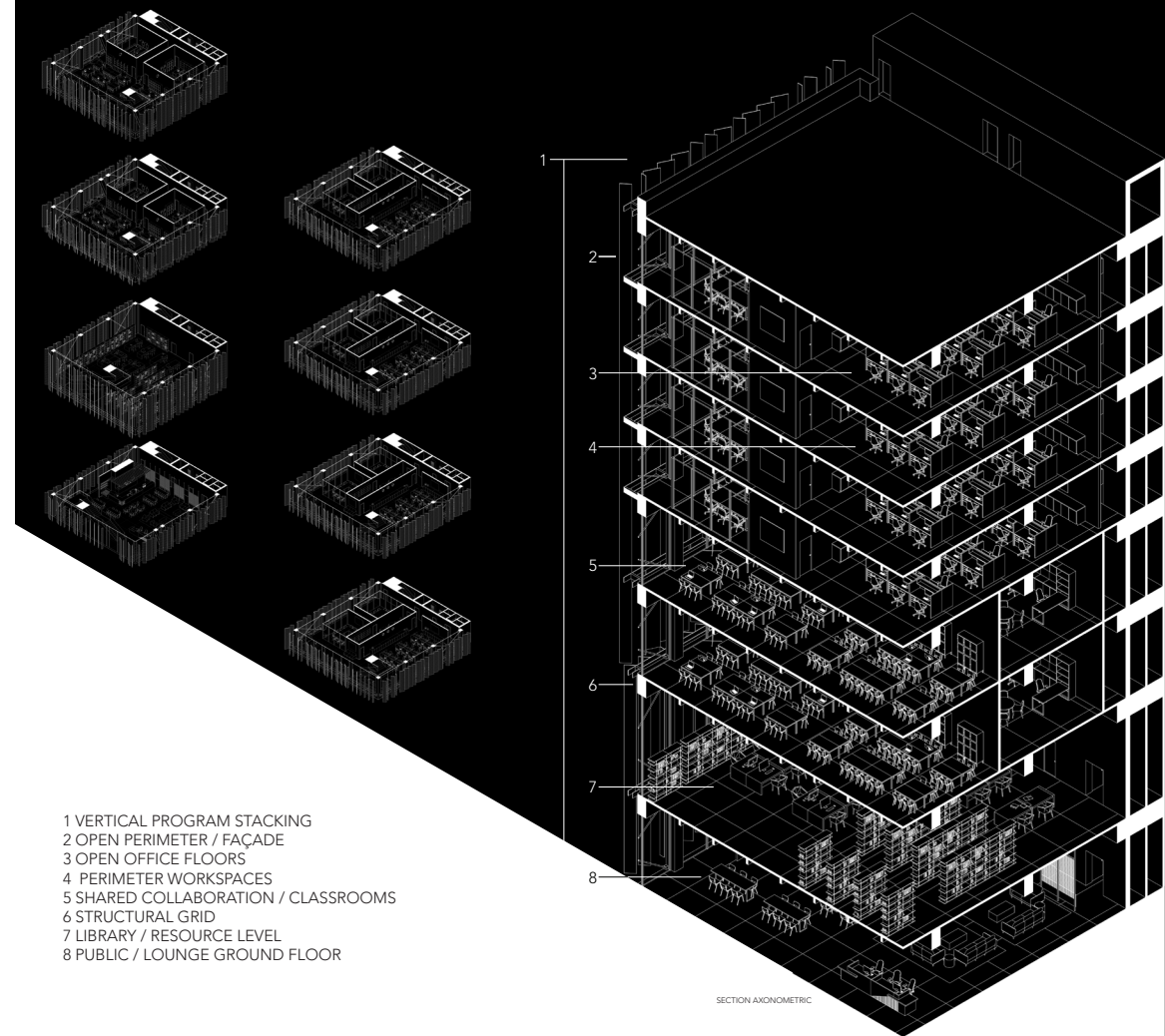
03 NATATORIUM COMPLEX
auburn, alabama

01

01 MIXED-USE OFFICE SPACE chicago, illinois



LOCATION
1123 BROADWAY, COLUMBUS, GA 31901
PROGRAM
EDUCATIONAL
SIZE
42,000 SF

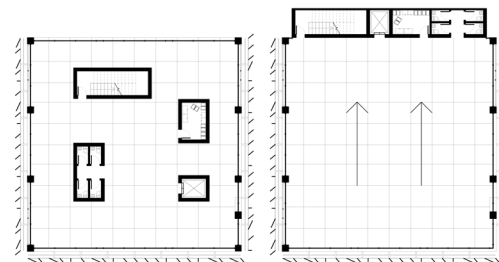


- 1 VERTICAL PROGRAM STACKING
- 2 OPEN PERIMETER / FAÇADE
- 3 OPEN OFFICE FLOORS
- 4 PERIMETER WORKSPACES
- 5 SHARED COLLABORATION / CLASSROOMS
- 6 STRUCTURAL GRID
- 7 LIBRARY / RESOURCE LEVEL
- 8 PUBLIC / LOUNGE GROUND FLOOR

SECTION AXONOMETRIC



SITE PLAN



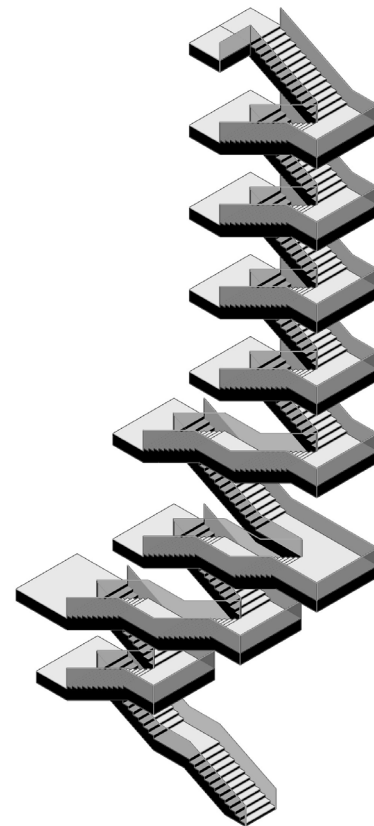
Relocating service cores to the rear of the building frees the floor plates for flexible programming. Recessing these cores, separates the building allowing to appear independent from the city block.

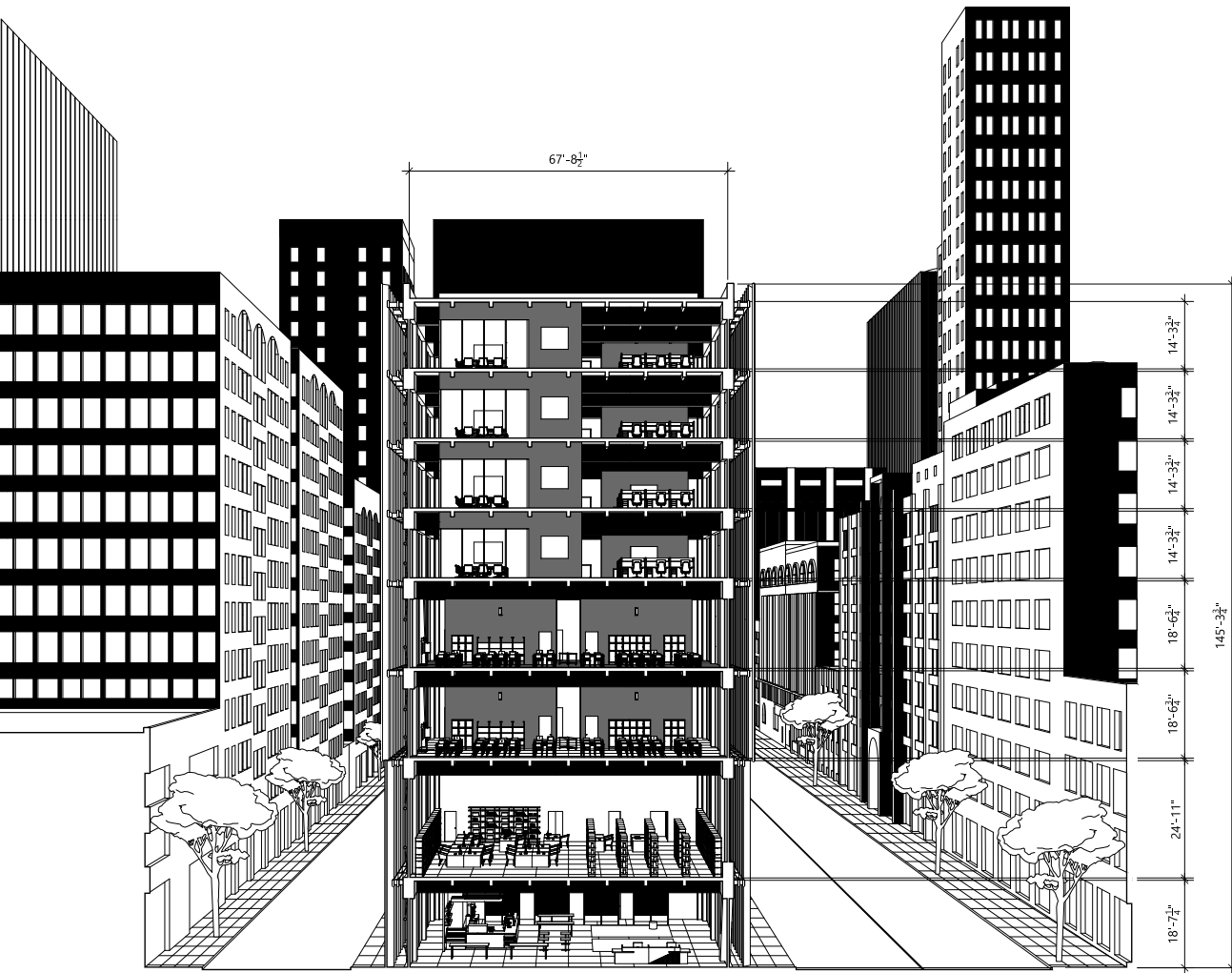
PRIVATE

OFFICE
OFFICE
OFFICE
OFFICE
CLASSROOM
CLASSROOM
LIBRARY
LOBBY

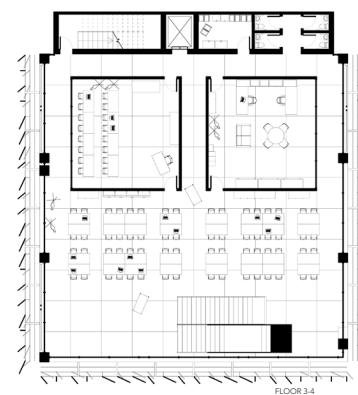
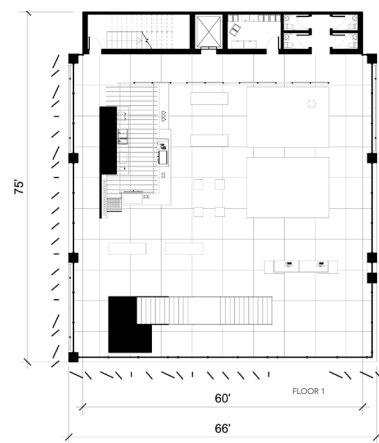
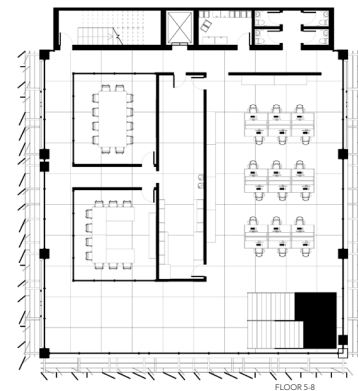
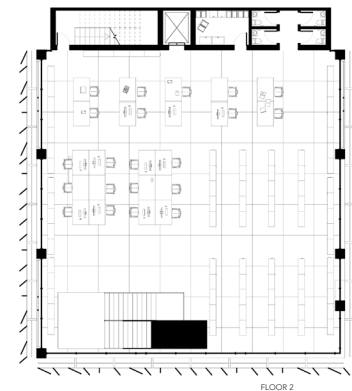
PUBLIC

A central staircase establishes a gradient of privacy. As the staircase rises, its movement becomes increasingly direct, constrained, and regular, reflecting the transition into the more private office spaces above.





TRANSVERSE SECTION PERSPECTIVE





Through a system of rotating perforated steel fins, the facade furthers the transition from public to private, creating varying degrees of transparency.



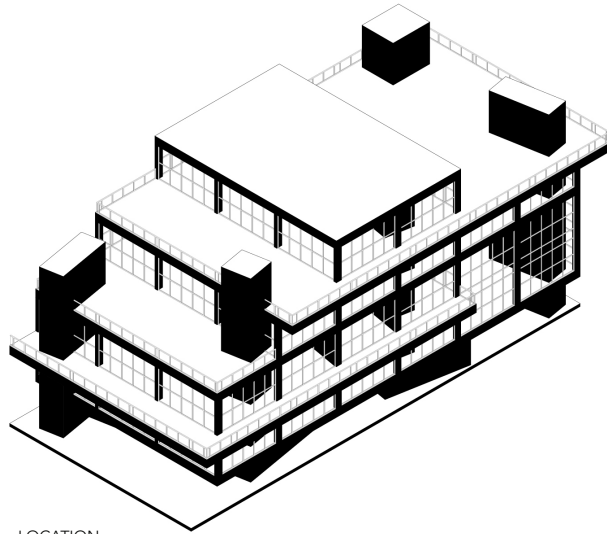
EXTERIOR PERSPECTIVE



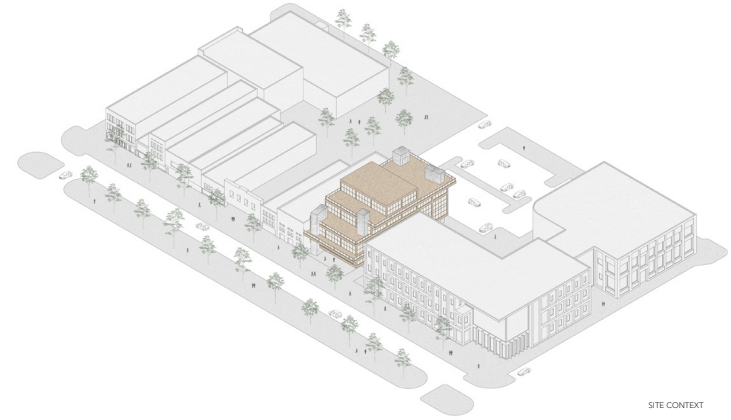
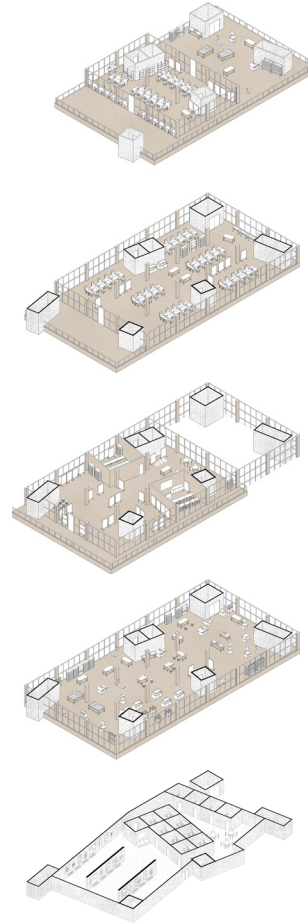
EXTERIOR PERSPECTIVE

02

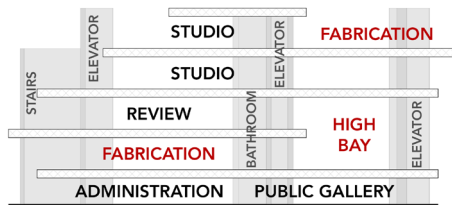
02 SCHOOL OF FABRICATION
columbus, georgia



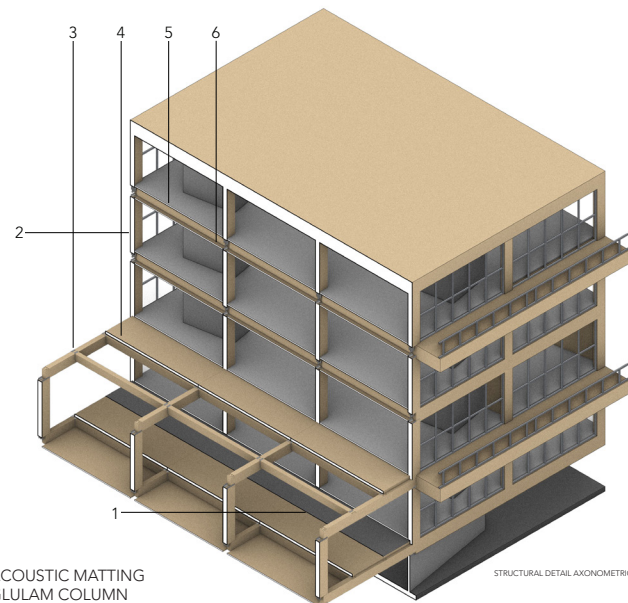
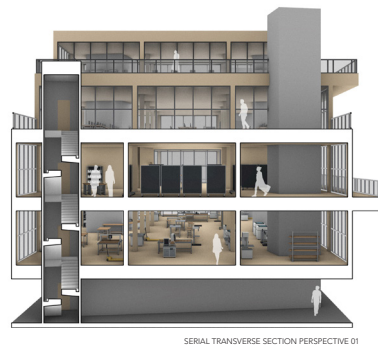
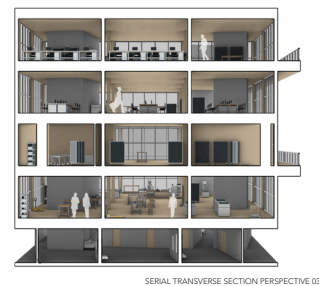
LOCATION
1123 BROADWAY, COLUMBUS, GA 31901
PROGRAM
EDUCATIONAL
SIZE
42,000 SF



SITE CONTEXT

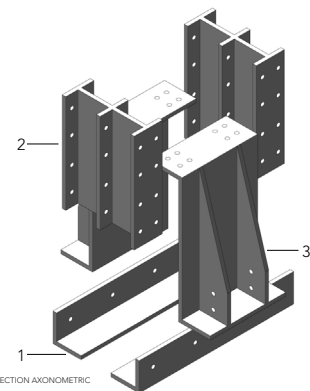


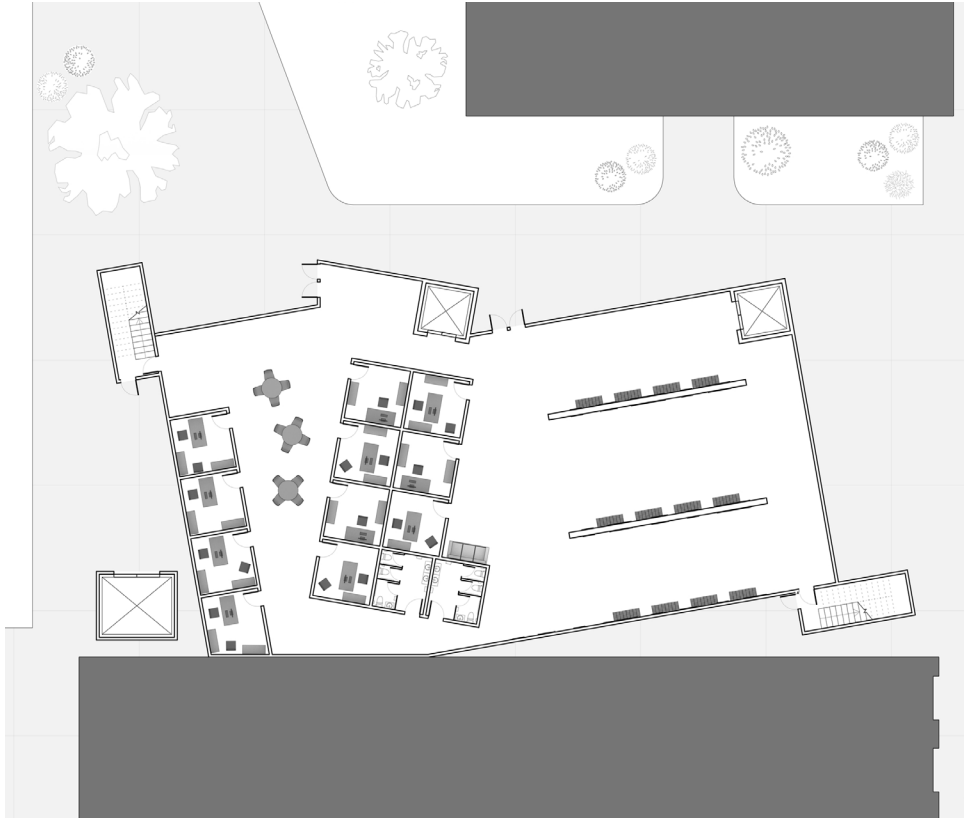
- 1 GUARDRAIL
- 2 STAIR CORE
- 3 ROOF TERRACE
- 4 CURTAIN WALL GLAZING
- 5 CLT STRUCTURAL SYSTEM
- 6 BATHROOM CORE
- 7 HIGH-BAY FABRICATION SPACE
- 8 OUTDOOR FABRICATION AREA
- 9 FREIGHT ELEVATOR



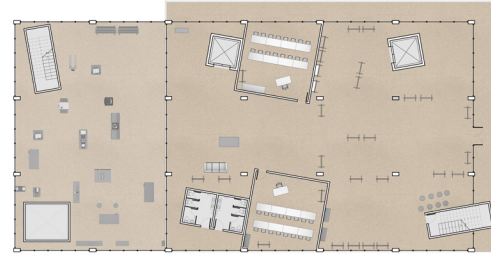
- 1 ACOUSTIC MATTING
- 2 GLULAM COLUMN
- 3 CONNECTION HARDWARE
- 4 CROSS-LAMINATED TIMBER DECKING
- 5 CONCRETE POUR FLOORING
- 6 CROSS-LAMINATED TIMBER CEILING

BOLTED ANGLE BRACKET 1
TRIPLE-FIN KNIFE PLATE 2
DOUBLE-GUSSET BEAM SADDLE 3

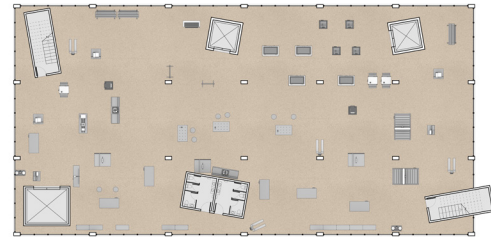




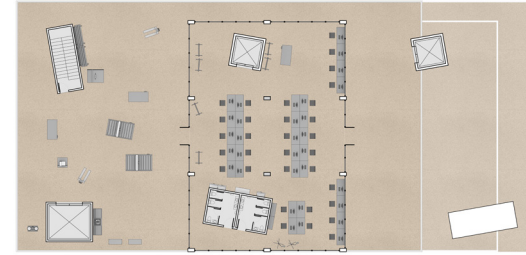
GROUND FLOOR



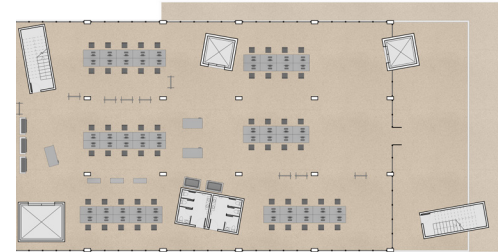
FLOOR 3



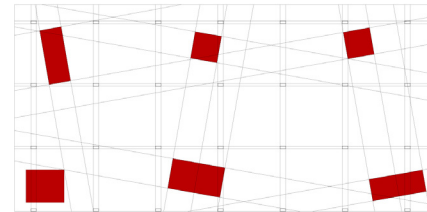
FLOOR 2



FLOOR 5



FLOOR 4



GRID SYSTEM DIAGRAM

The ground floor is a concrete plinth upon which the rest of the building rests. Two competing organizational systems, a regular mass timber structural grid and independently rotated concrete cores, define the spatial arrangement.



INTERIOR PERSPECTIVE - HIGH BAY FABRICATION



INTERIOR PERSPECTIVE - STUDIO SPACE



INTERIOR PERSPECTIVE - LOUNGE SPACE



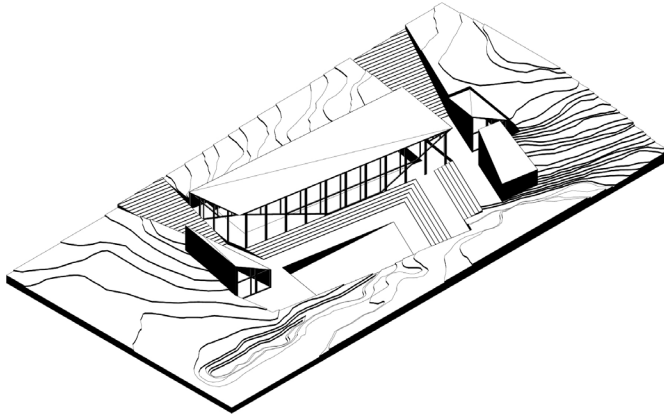
EXTERIOR PERSPECTIVE - BACK OF BUILDING



EXTERIOR PERSPECTIVE - STREET VIEW

03

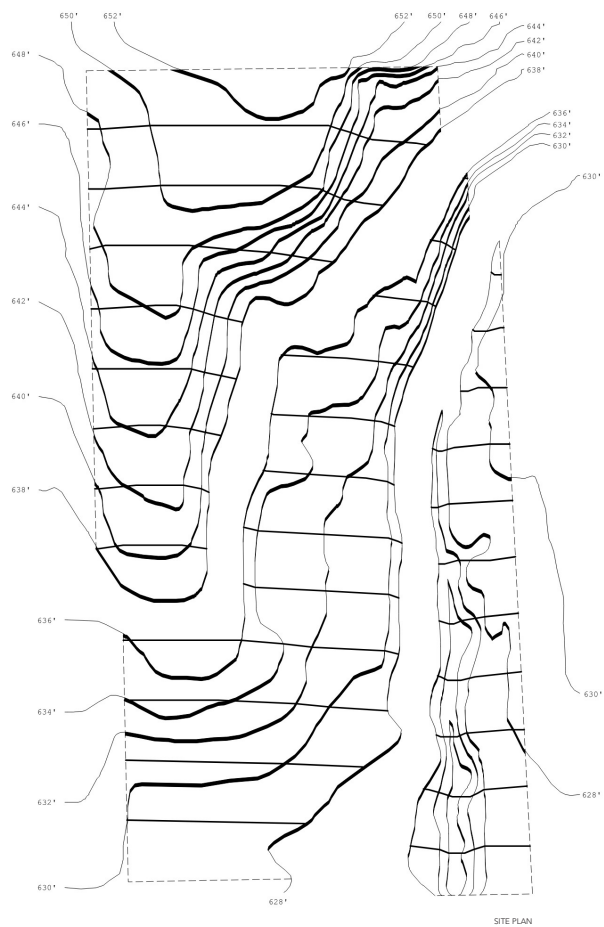
03 NATATORIUM COMPLEX auburn, alabama



LOCATION
104 HEMLOCK DRIVE, AUBURN, AL 36832
PROGRAM
RECREATIONAL
SIZE
30,000 SF

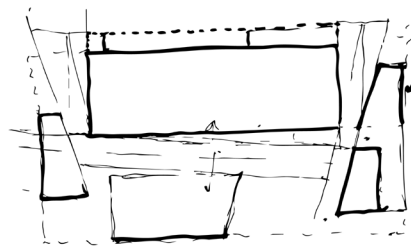


EXTERIOR PERSPECTIVE

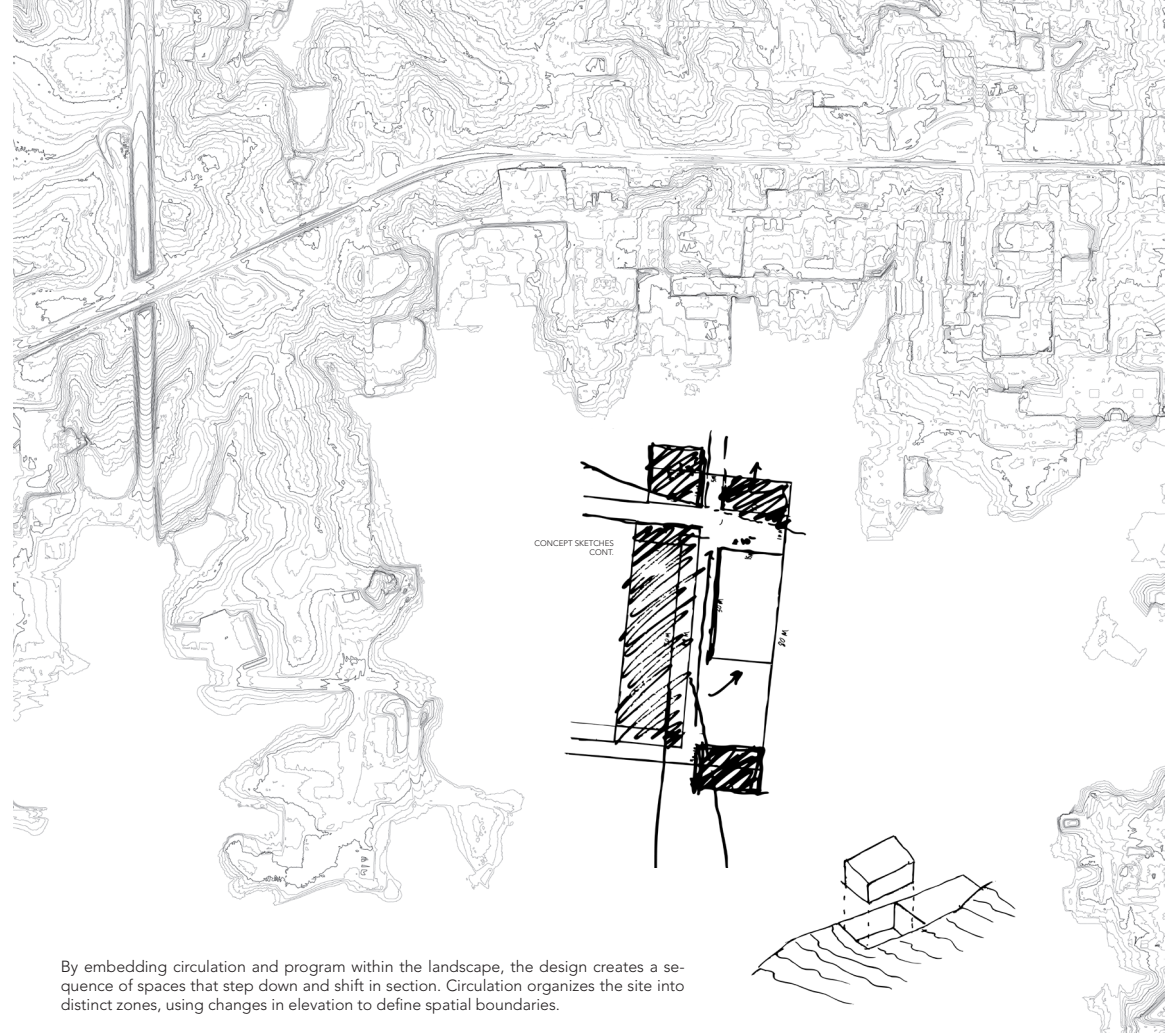


SITE PLAN

Changes in topography and elevation create different spatial conditions within the landscape. Areas of gradual and steep elevation change begin to define opportunities for circulation, enclosure, and program.



CONCEPT SKETCHES



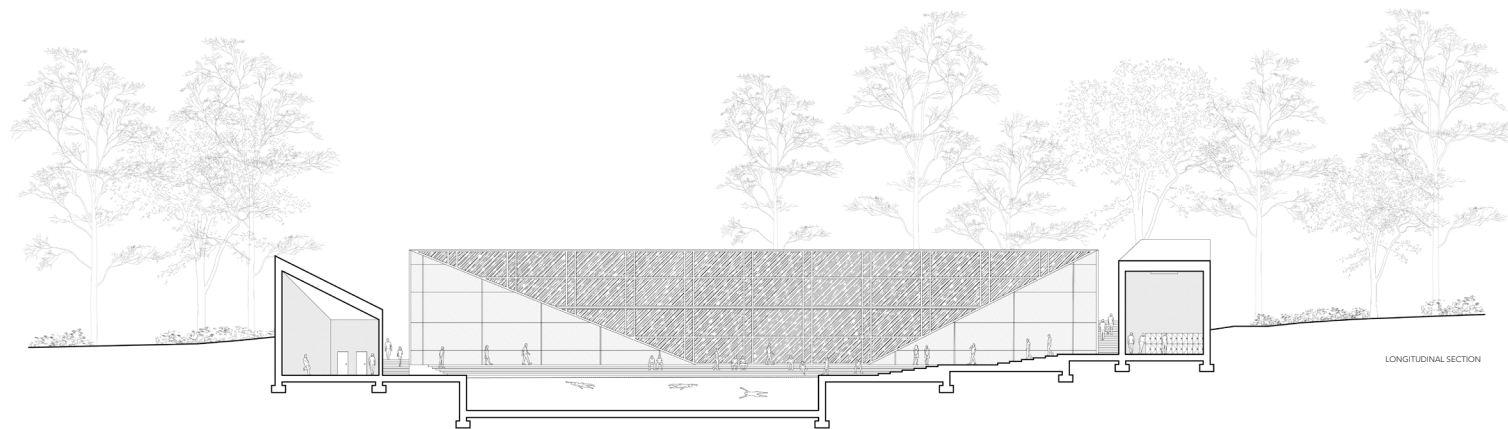
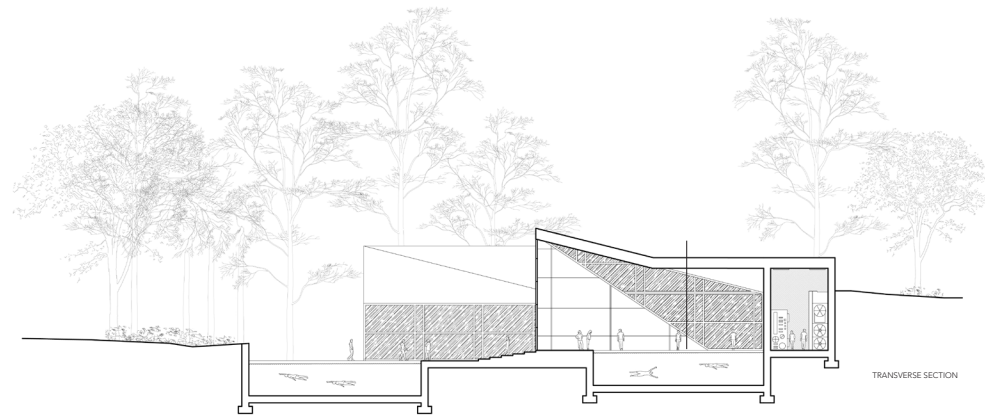
By embedding circulation and program within the landscape, the design creates a sequence of spaces that step down and shift in section. Circulation organizes the site into distinct zones, using changes in elevation to define spatial boundaries.



Circulation organizes and divides program through carved spaces embedded within the landscape.

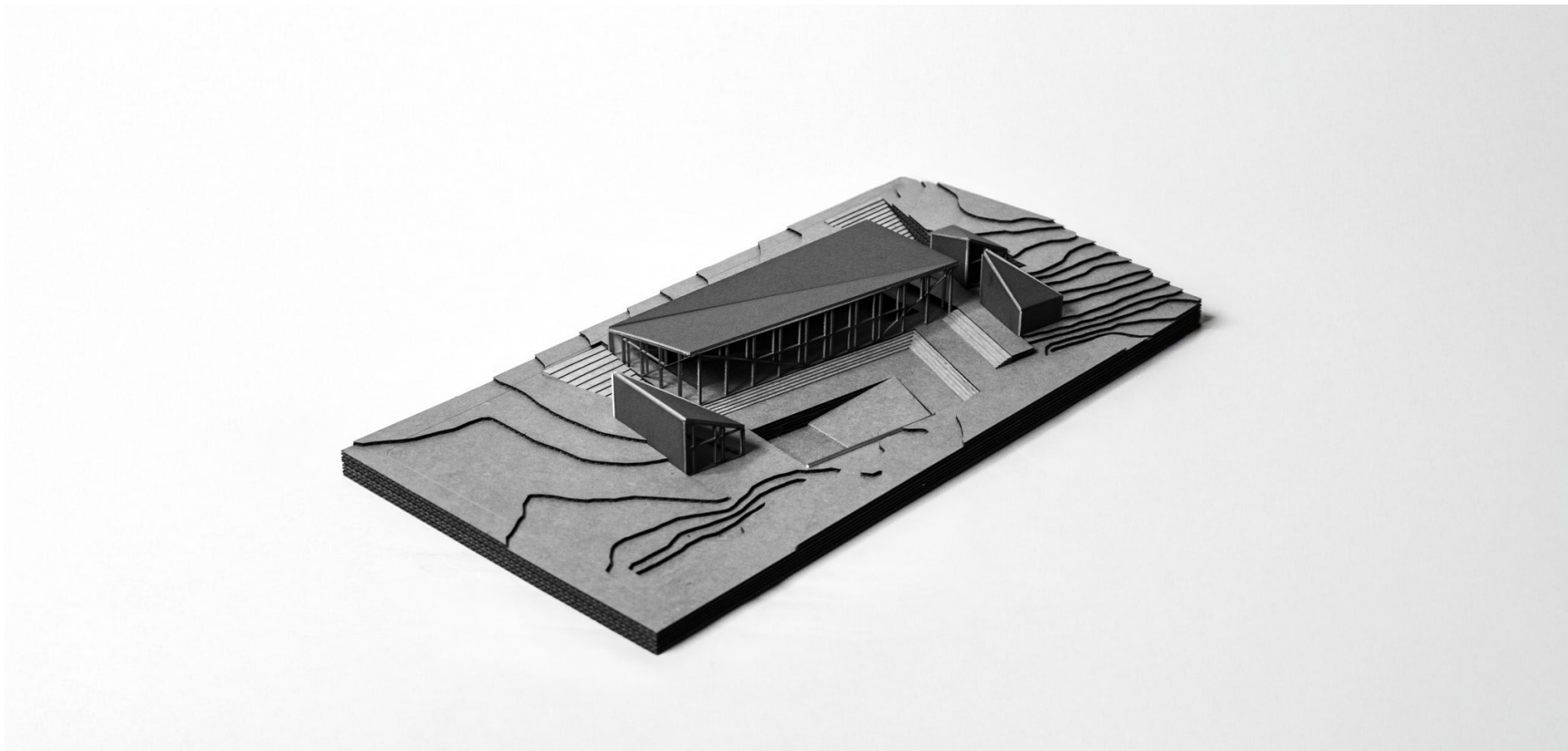
PLAN

Changes in floor levels, roof heights, and enclosure create a sequence of spaces that transition between interior and exterior, connecting the architecture directly to the surrounding terrain.



LONGITUDINAL SECTION





PHYSICAL MODEL



jacobsonzoltahn@gmail.com