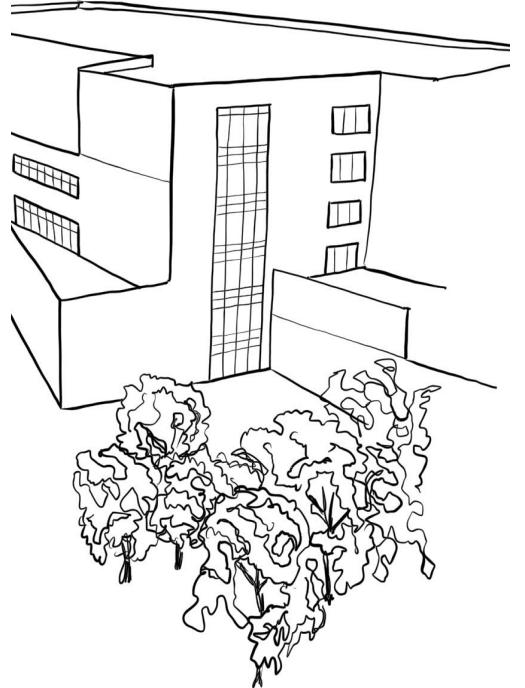


**PORTFOLIO**  
**LESLIE LISULY CONTRERAS**  
Architecture

# CONTENTS



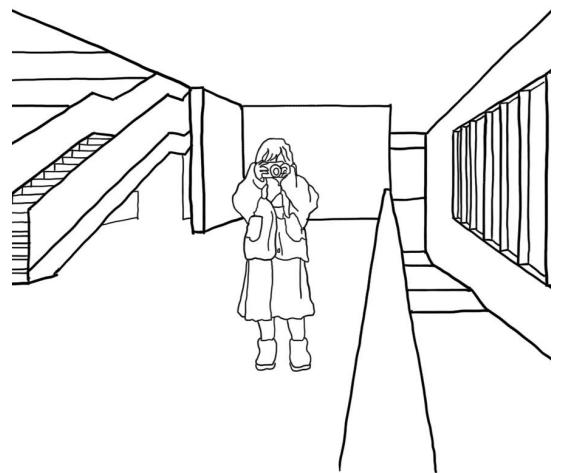
01

SUGAR LAND  
HOSPITAL



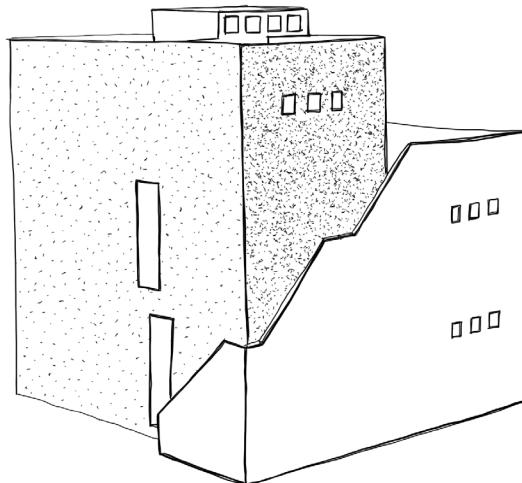
02

TENTH STREET  
TYPOLOGIES



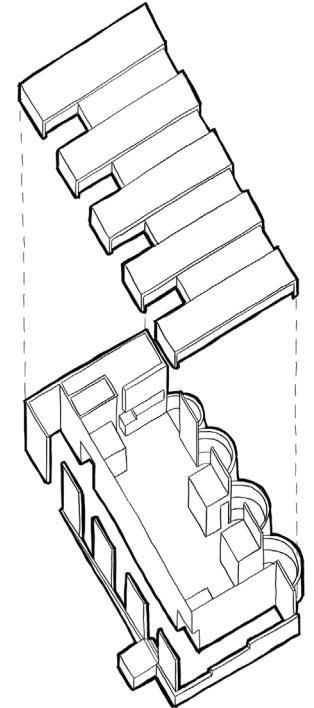
03

CULTURAL  
CENTER



04

HEJDUK & LOOS  
HYBRID DESIGN



05

CAFE AT  
LANGFORD

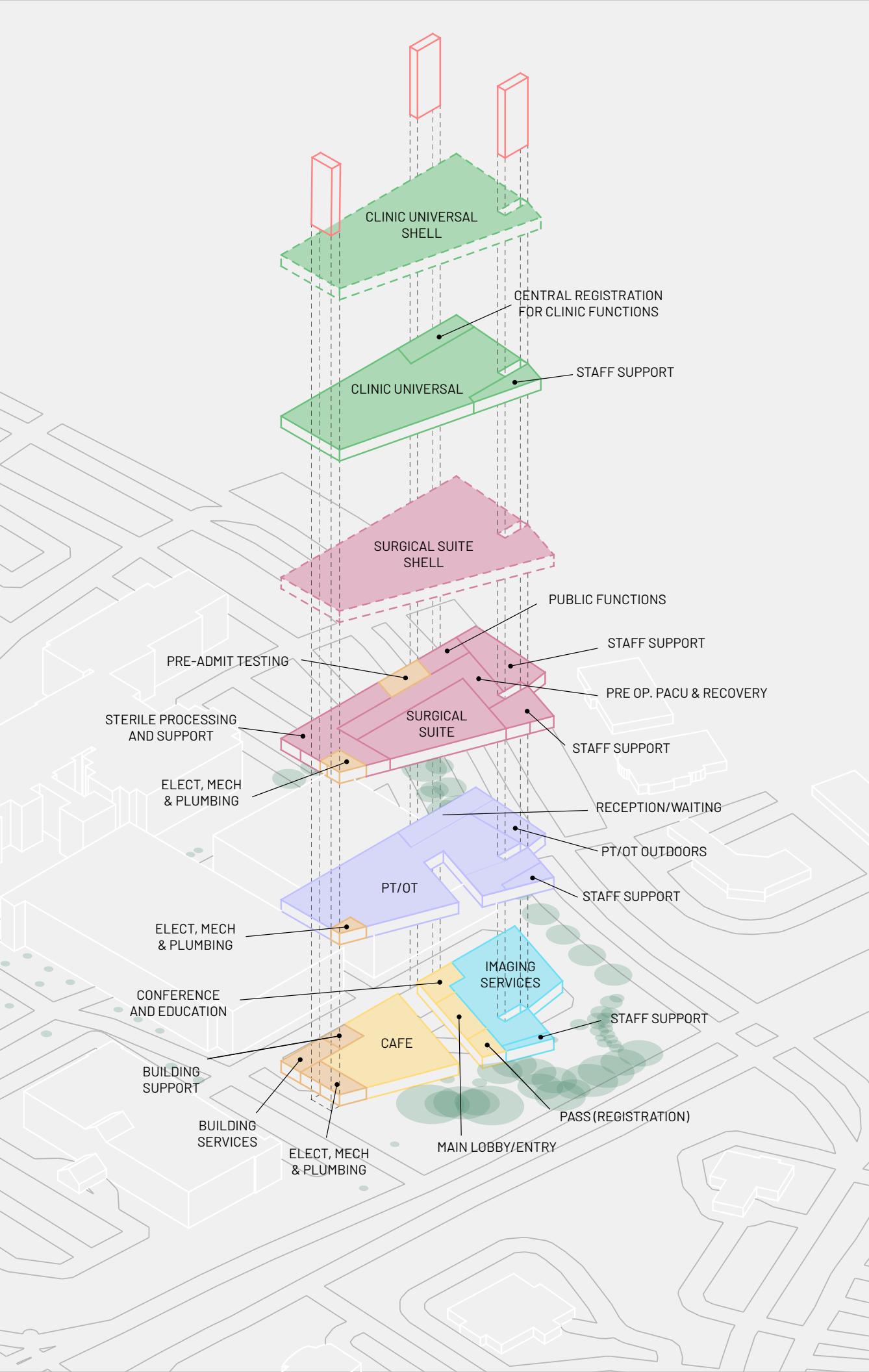
# HOUSTON METHODIST SUGAR LAND HOSPITAL

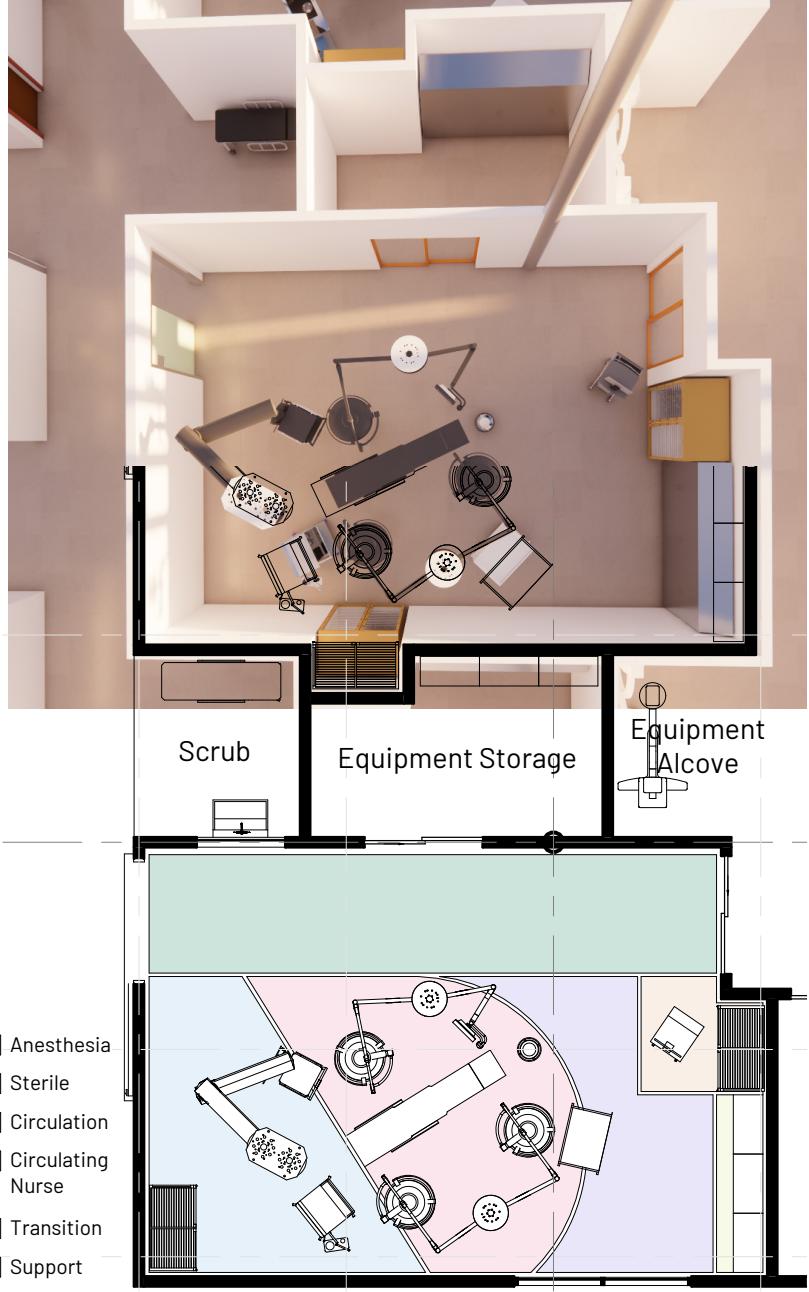


AS PART OF A GRADUATE-LEVEL HEALTHCARE DESIGN STUDIO, THIS PROJECT EXPLORES THE INTERSECTION OF ARCHITECTURE, TECHNOLOGY, AND HUMAN-CENTERED DESIGN TO DEVELOP A SCHEMATIC PROPOSAL FOR A MEDICAL OFFICE BUILDING WITH AN INTEGRATED AMBULATORY SURGERY CENTER (ASC). COLLABORATING WITH ARCHITECTS FROM PAGE AND STAKEHOLDERS FROM HOUSTON METHODIST HOSPITAL, THE DESIGN PRIORITIZES PATIENT WELL-BEING, STAFF EFFICIENCY, AND EVIDENCE-BASED HEALTHCARE STRATEGIES.

THE PROCESS INCLUDED RESEARCH ON HEALTHCARE FACILITY BEST PRACTICES, AND ITERATIVE MASSING STUDIES TO OPTIMIZE ADJACENCIES, WORKFLOW, AND INFECTION CONTROL. KEY DESIGN CONSIDERATIONS FOCUSED ON MINIMIZING STRESS THROUGH SPATIAL ORGANIZATION, NOISE CONTROL, AND ACCESS TO NATURAL LIGHT WHILE ENHANCING OPERATIONAL EFFICIENCY. THE FINAL PROPOSAL INTEGRATES NATURE, INTUITIVE WAYFINDING, AND STRATEGIC ZONING TO CREATE A HOLISTIC HEALING ENVIRONMENT THAT SUPPORTS BOTH PATIENTS AND HEALTHCARE PROFESSIONALS.



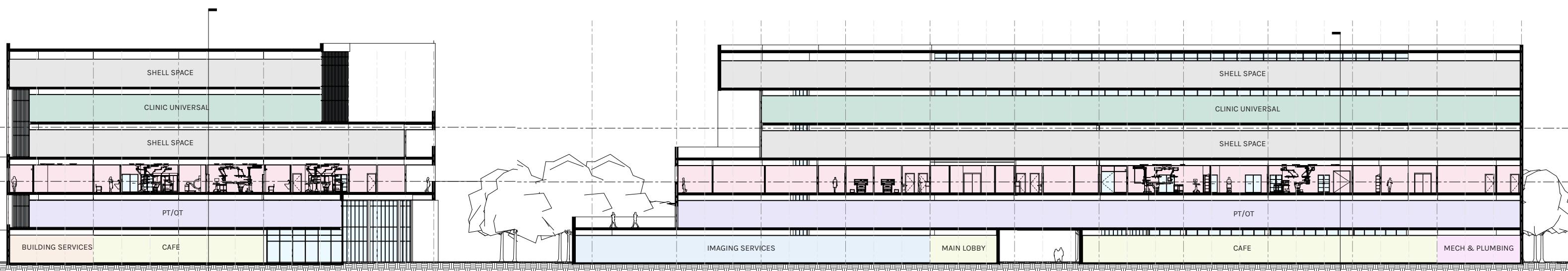
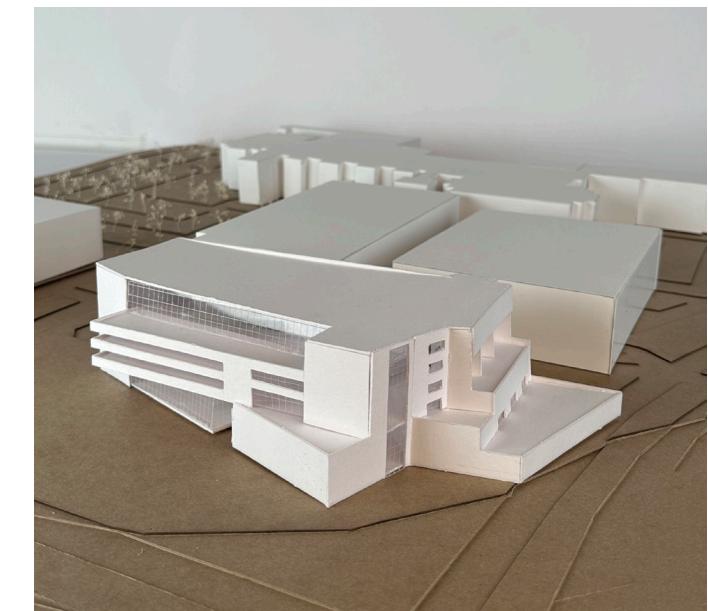
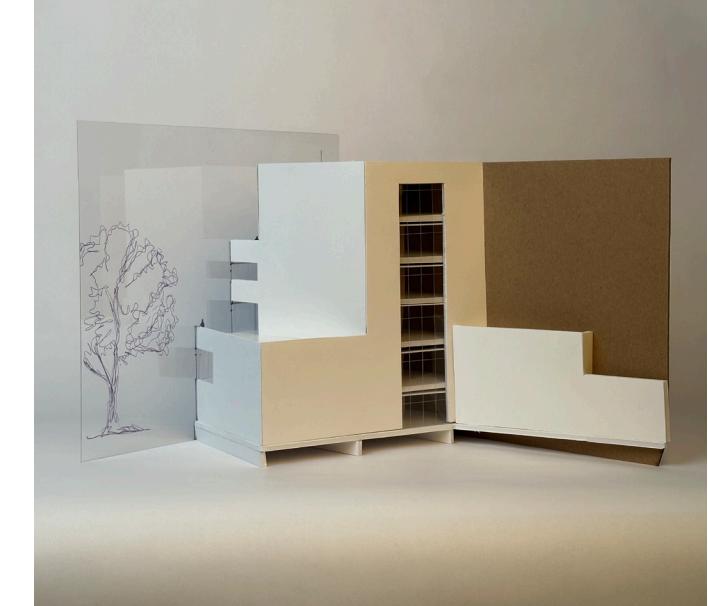
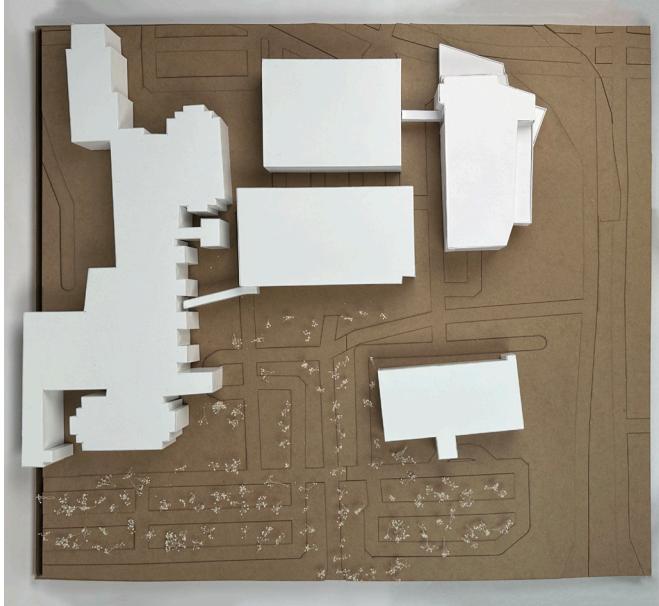


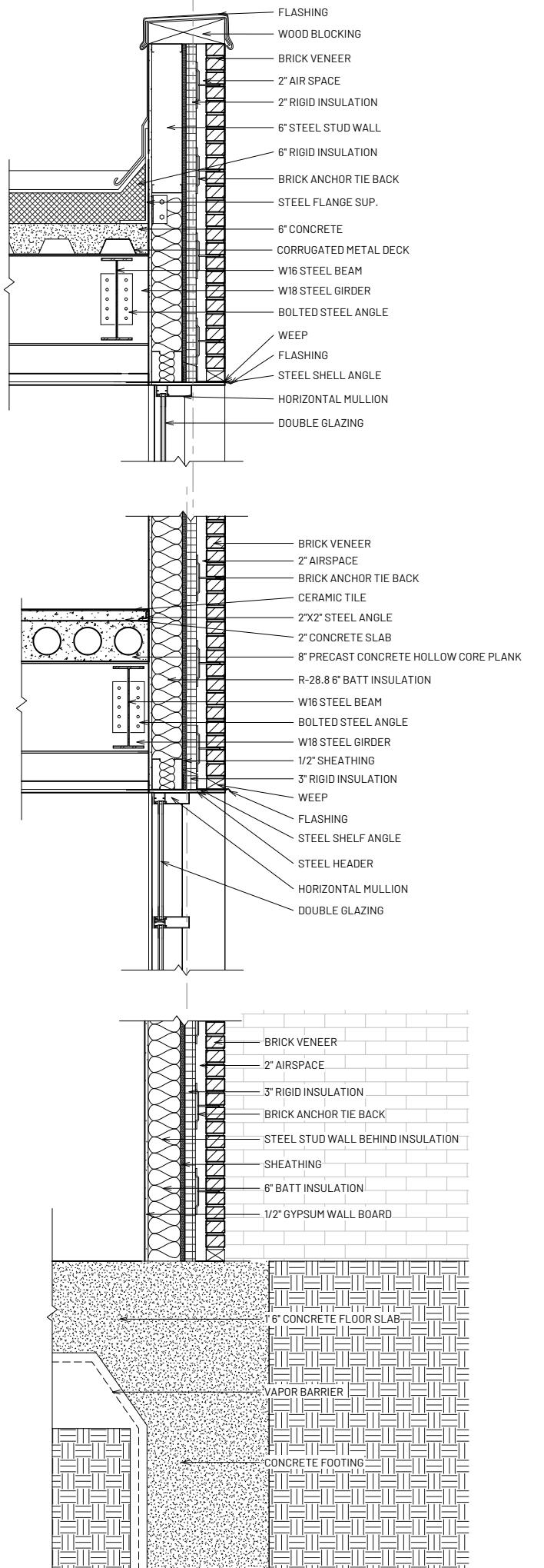


AS PART OF THE PROJECT WE EXPLORED THE INTEGRATION OF ADVANCED TECHNOLOGY AND BEST PRACTICES IN OPERATING ROOM DESIGN TO ENHANCE SURGICAL EFFICIENCY, PATIENT SAFETY, AND STAFF WORKFLOW.

KEY DESIGN ELEMENTS INCLUDE MOBILE MEDICAL EQUIPMENT FOR IMPROVED ACCESSIBILITY AND FLEXIBILITY, BUILT-IN STORAGE CABINETS FOR EASY SUPPLY MANAGEMENT, A CENTRALLY PLACED OPERATING TABLE TO PROVIDE UNRESTRICTED ACCESS FOR THE SURGICAL TEAM, AND CEILING-SUPPORTED EQUIPMENT TO MAXIMIZE SPACE UTILIZATION AND ENSURE SEAMLESS MOBILITY

THE DESIGN FOCUSES ON INFECTION CONTROL BY ORGANIZING SPACES EFFECTIVELY. THE GOAL IS TO CREATE A WELL-ORGANIZED, EFFICIENT, AND PRACTICAL SURGICAL ENVIRONMENT.



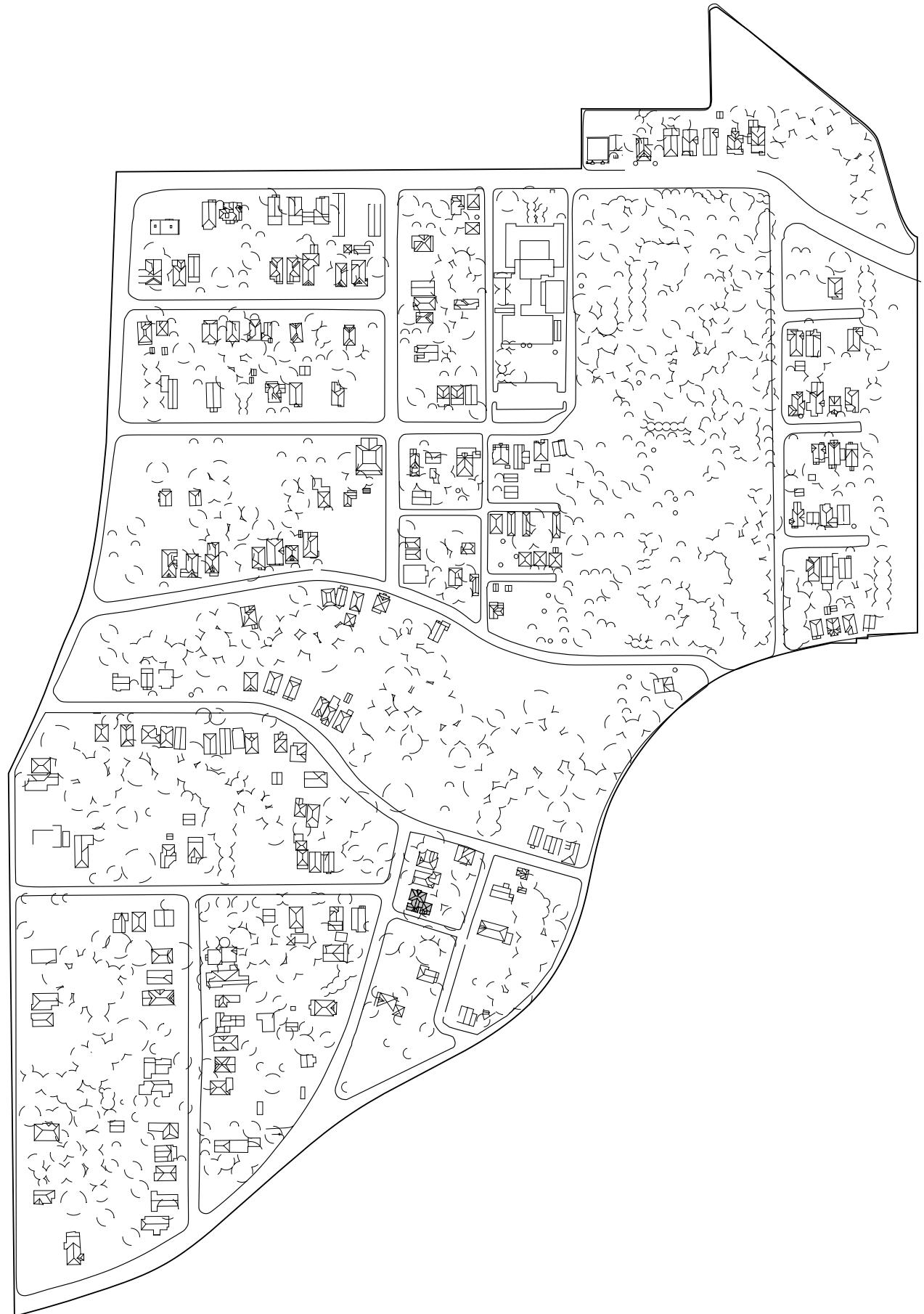
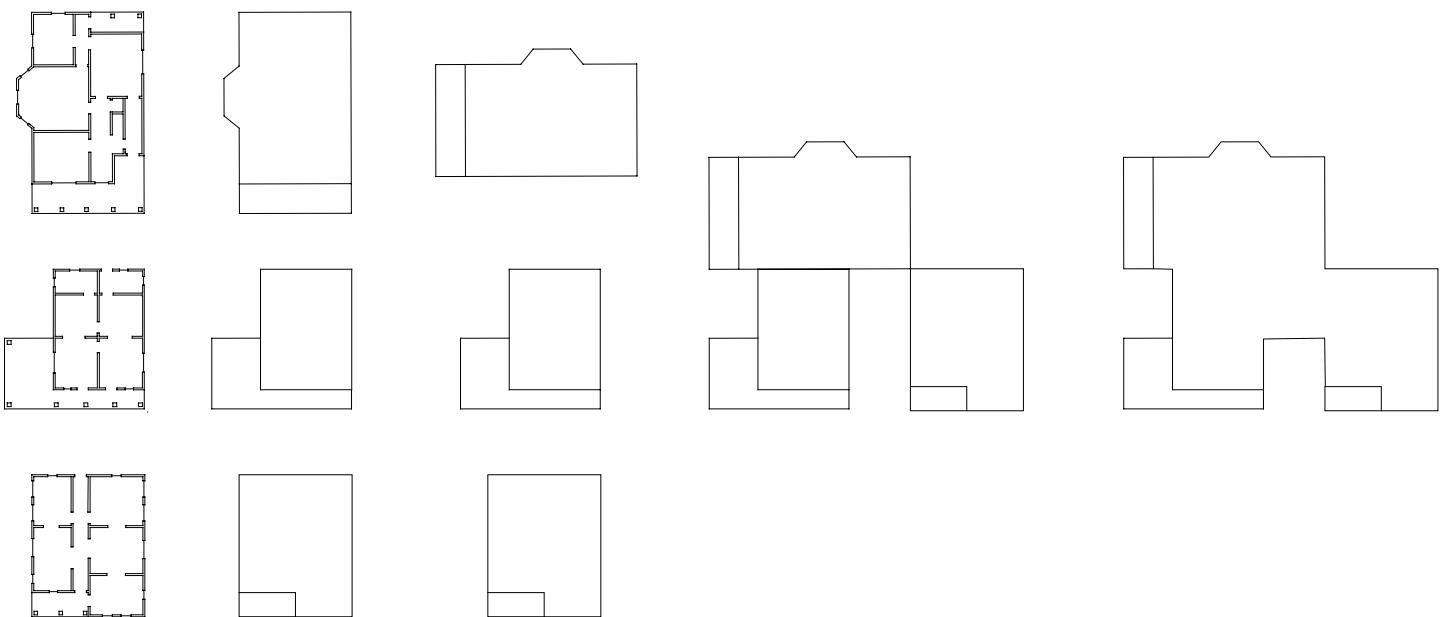


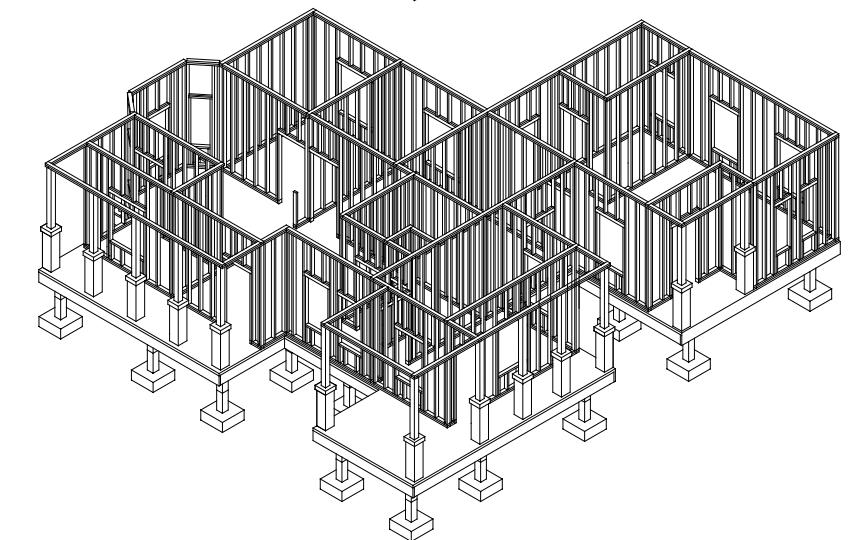
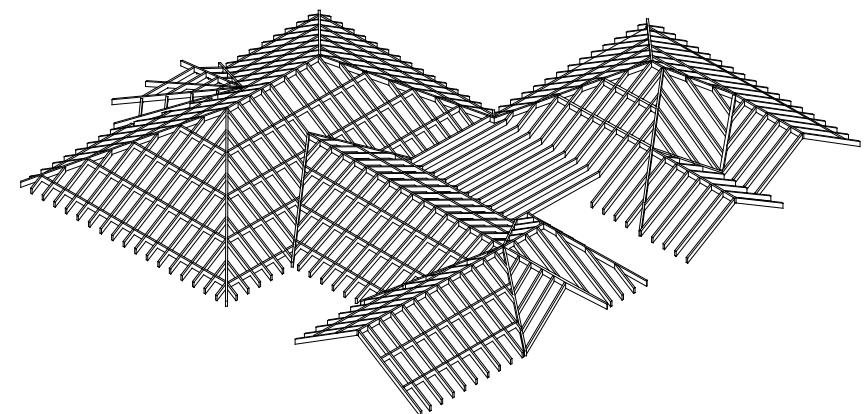
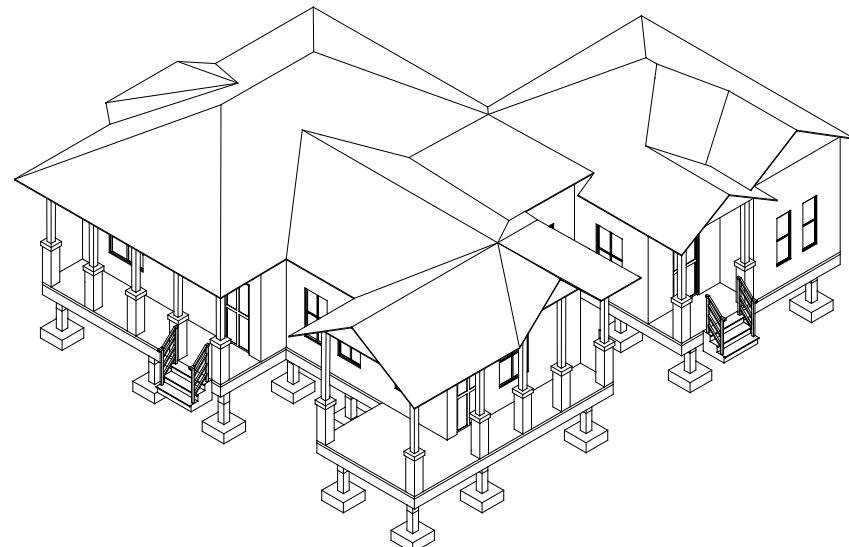
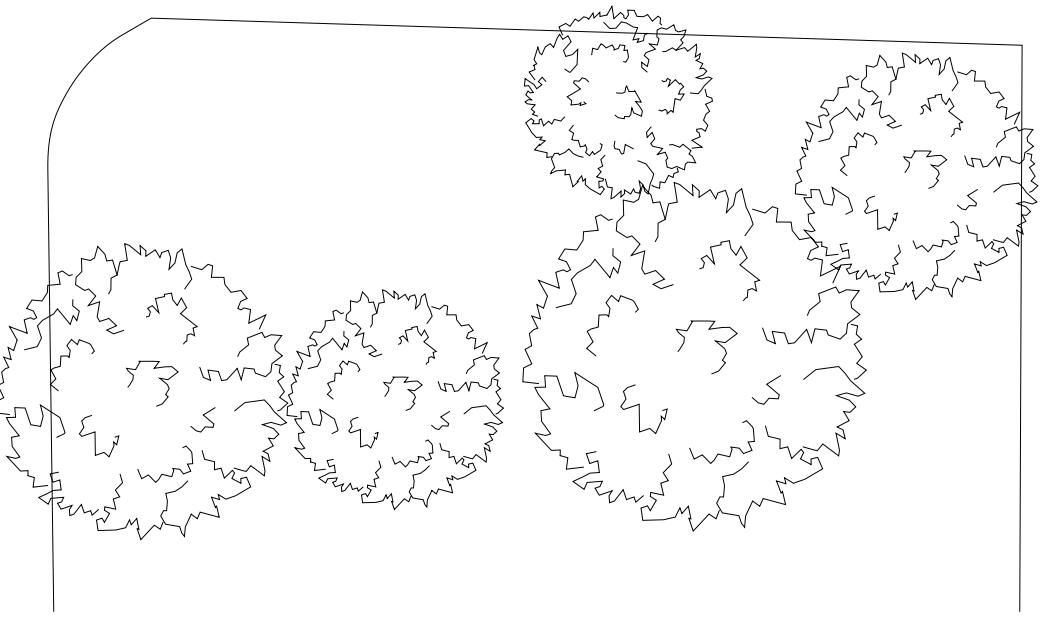
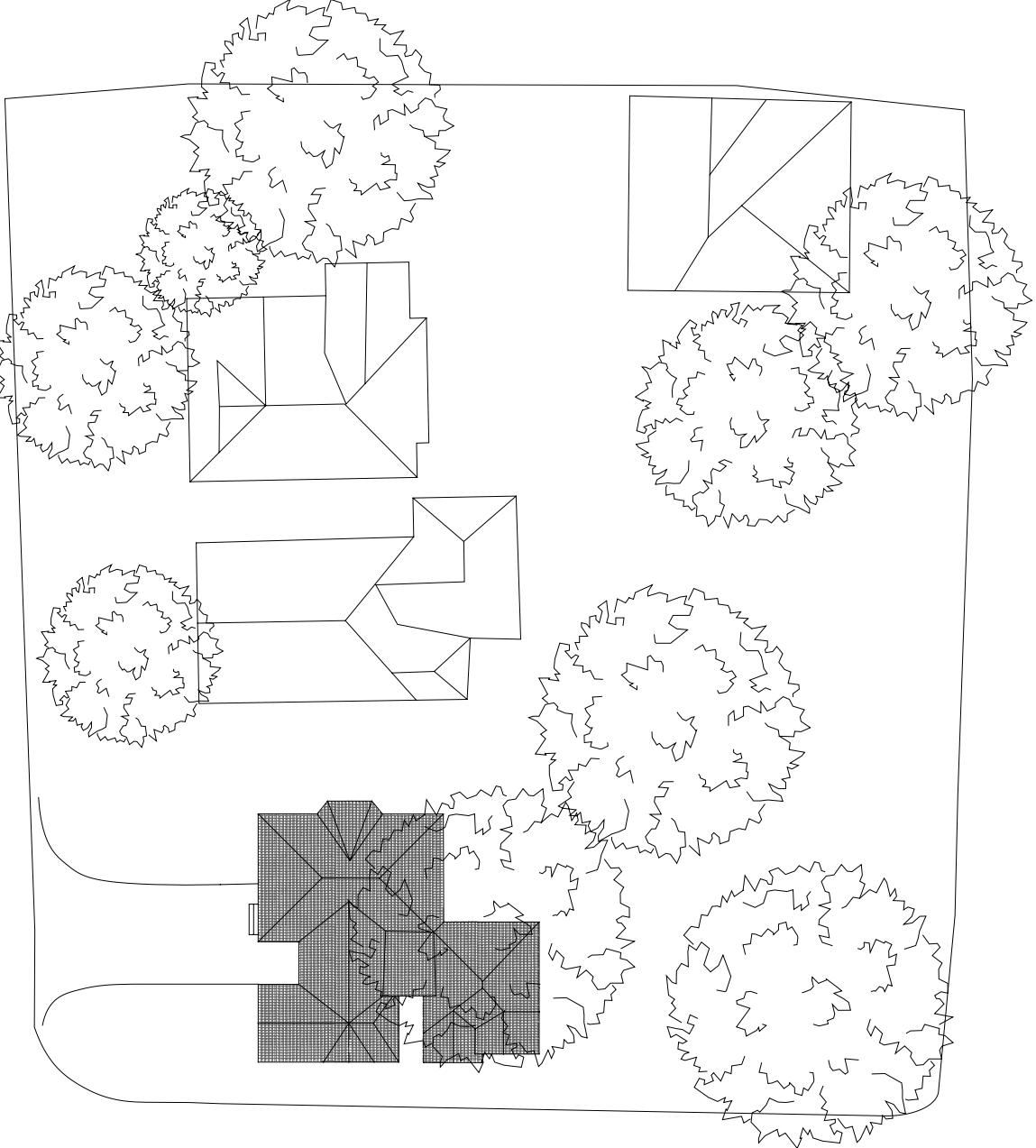
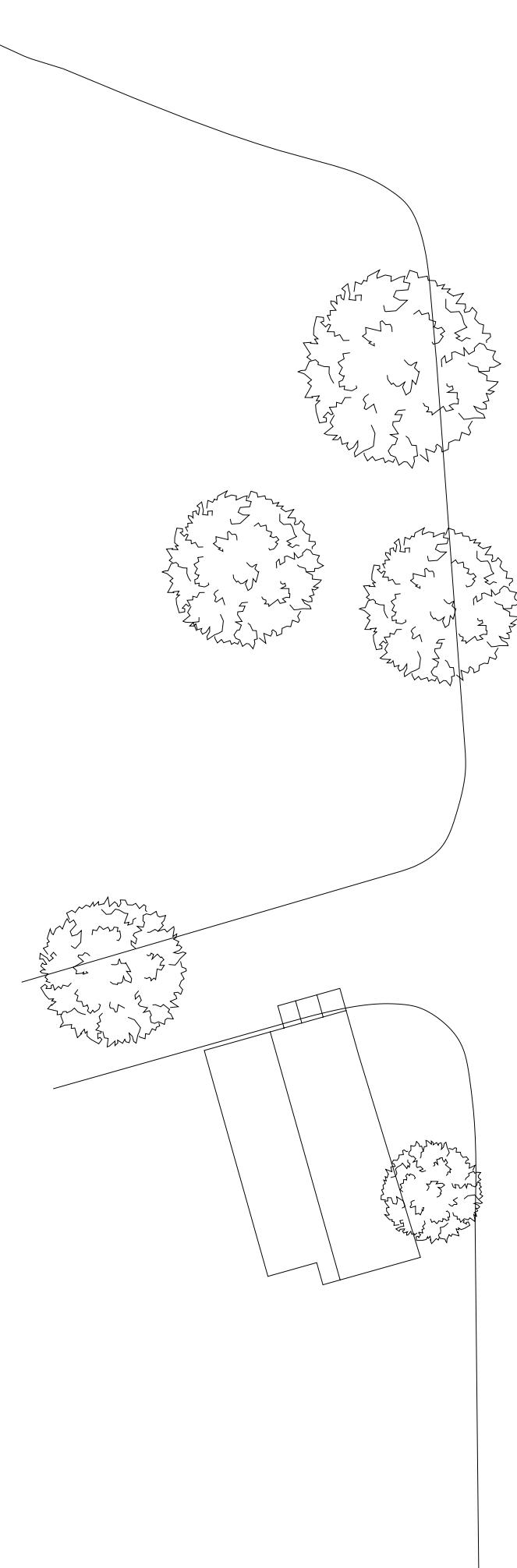
# TENTH STREET HISTORIC DISTRICT

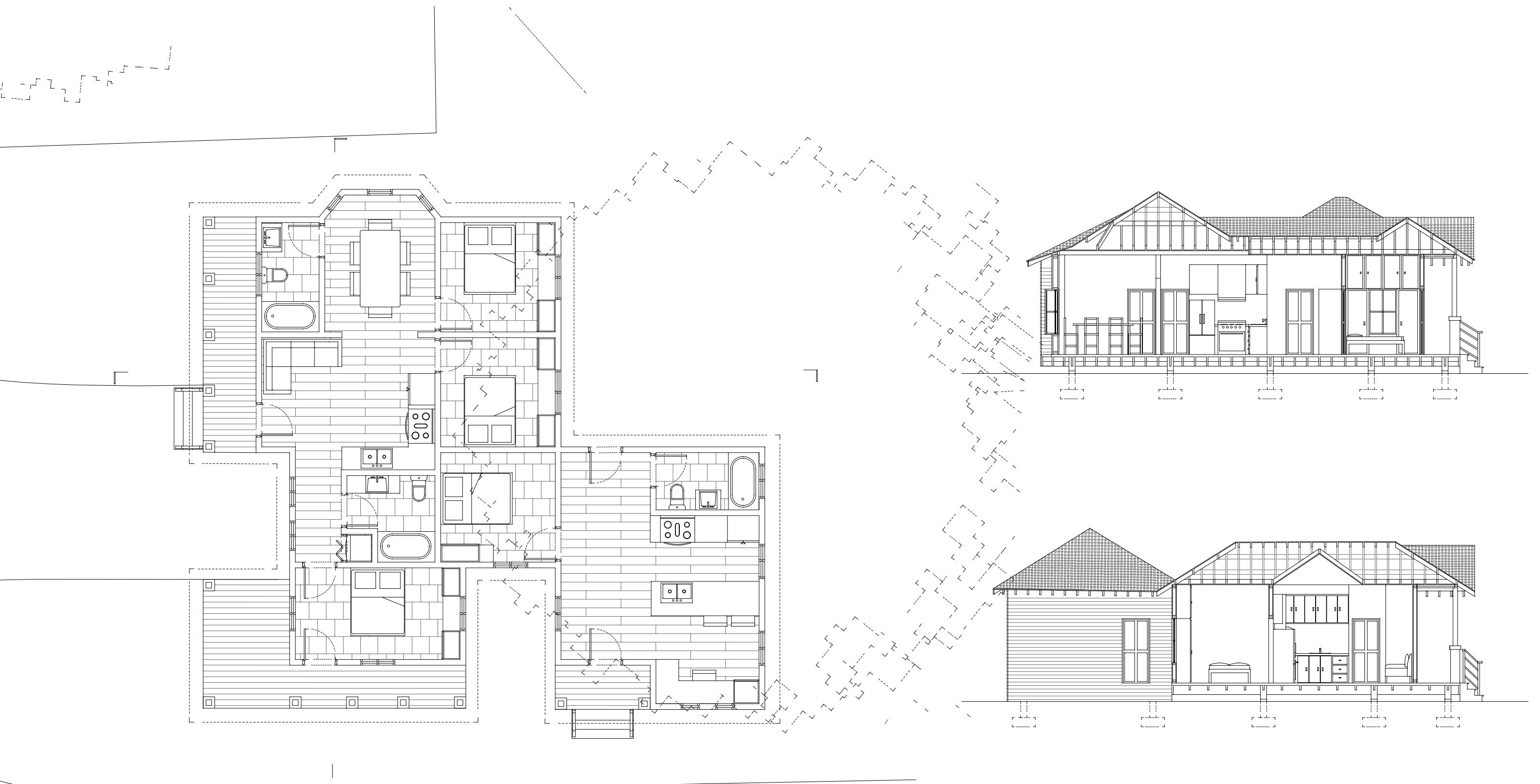
THIS PROJECT IS CENTERED ON A HISTORIC DISTRICT IN DALLAS. THE IMPORTANCE OF THIS INITIATIVE LIES IN EDUCATING THE COMMUNITY ABOUT THE VALUE OF THE ARCHITECTURAL HERITAGE THAT CHARACTERIZE THE AREA.

AS URBAN DEVELOPMENT PROGRESSES, MANY OF THESE HISTORICAL SITES FACE THE THREAT OF DEMOLITION, LEADING TO THE POTENTIAL LOSS OF SIGNIFICANT CULTURAL AND HISTORICAL IDENTITY. BY RAISING AWARENESS OF THE ARCHITECTURAL SIGNIFICANCE, WE HOPE TO FOSTER APPRECIATION FOR THE DISTRICT'S CHARACTER AND ENCOURAGE PRESERVATION EFFORTS.

ULTIMATELY, THIS PROJECT SEEKS TO INSPIRE ACTION TO PROTECT AND CELEBRATE THE HISTORIC ARCHITECTURE THAT CONTRIBUTED TO DALLAS CULTURAL LANDSCAPE, THEREFORE, WE FOCUSED ON THE LOTS THAT HAD BEEN DEMOLISHED AND CAME UP WITH A DESIGN THAT WILL SUPPORT THE QUALITIES OF THE DISTRICT.





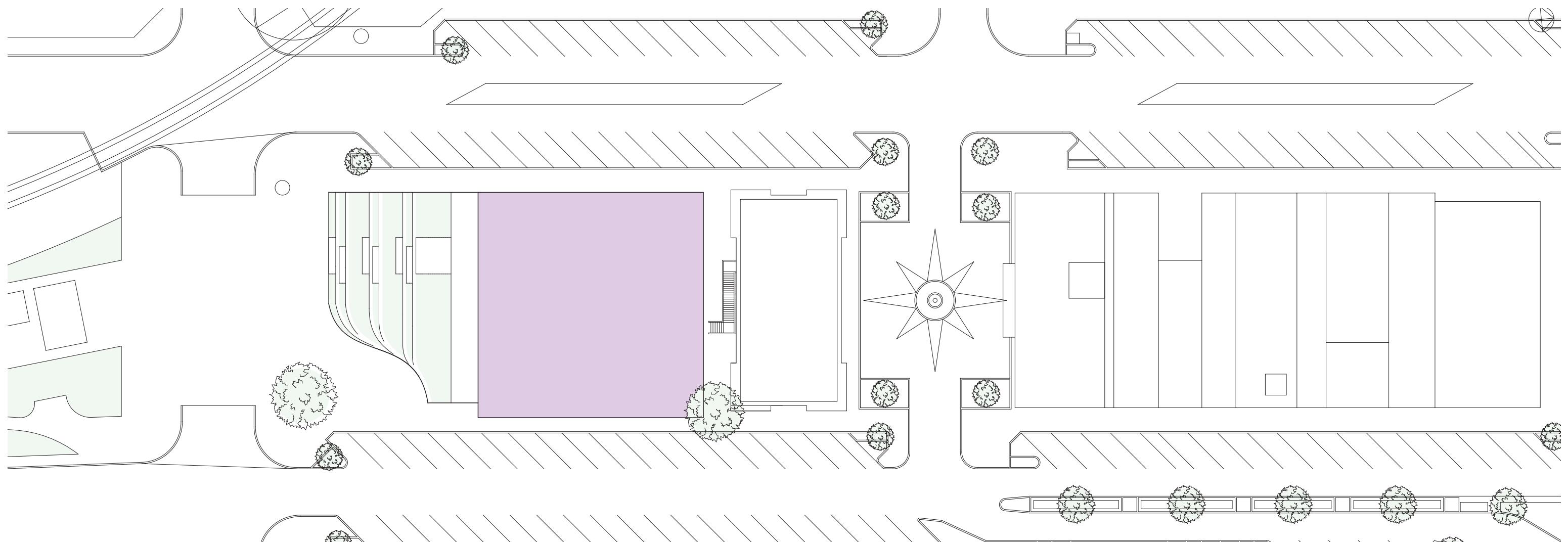


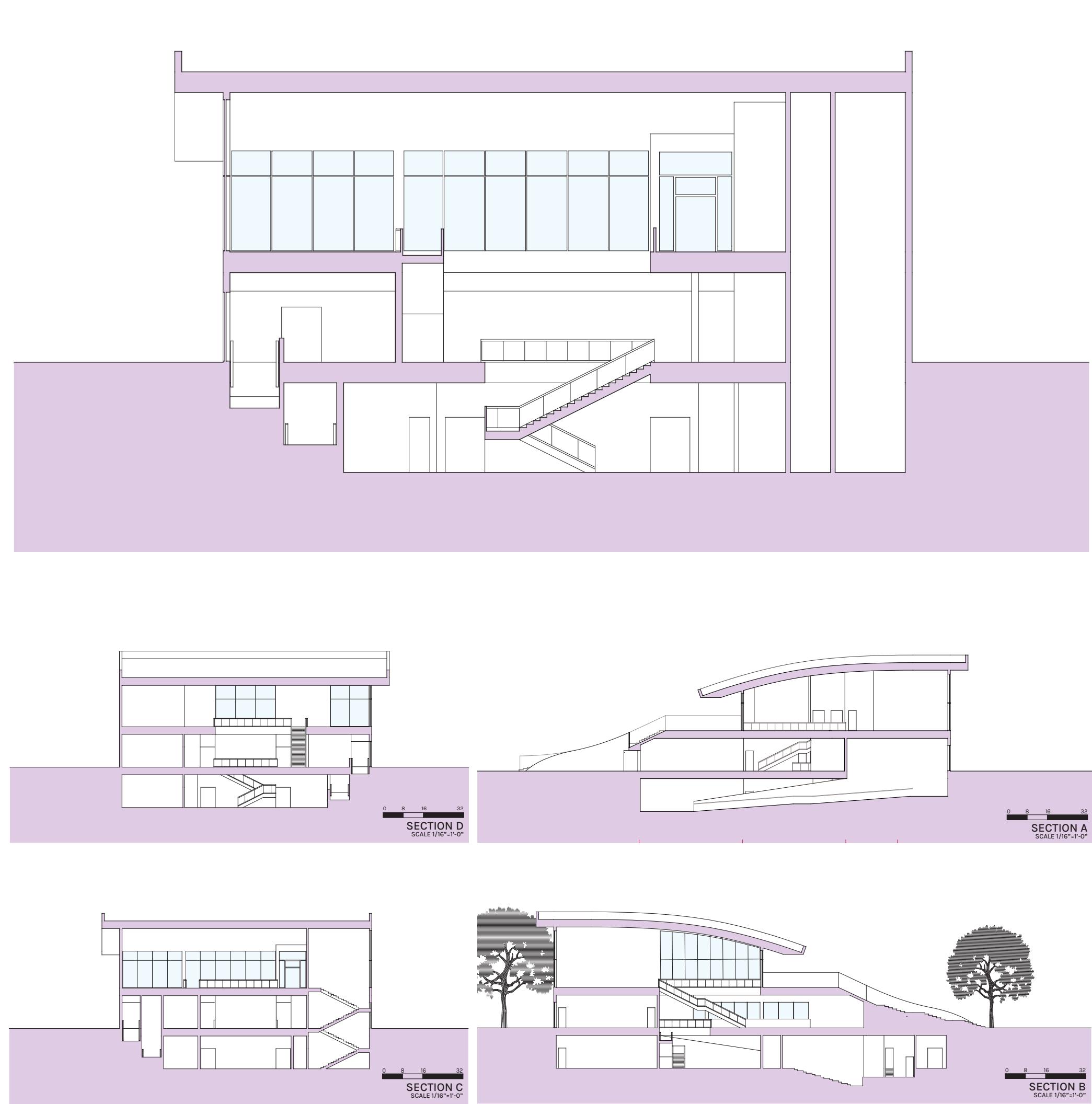
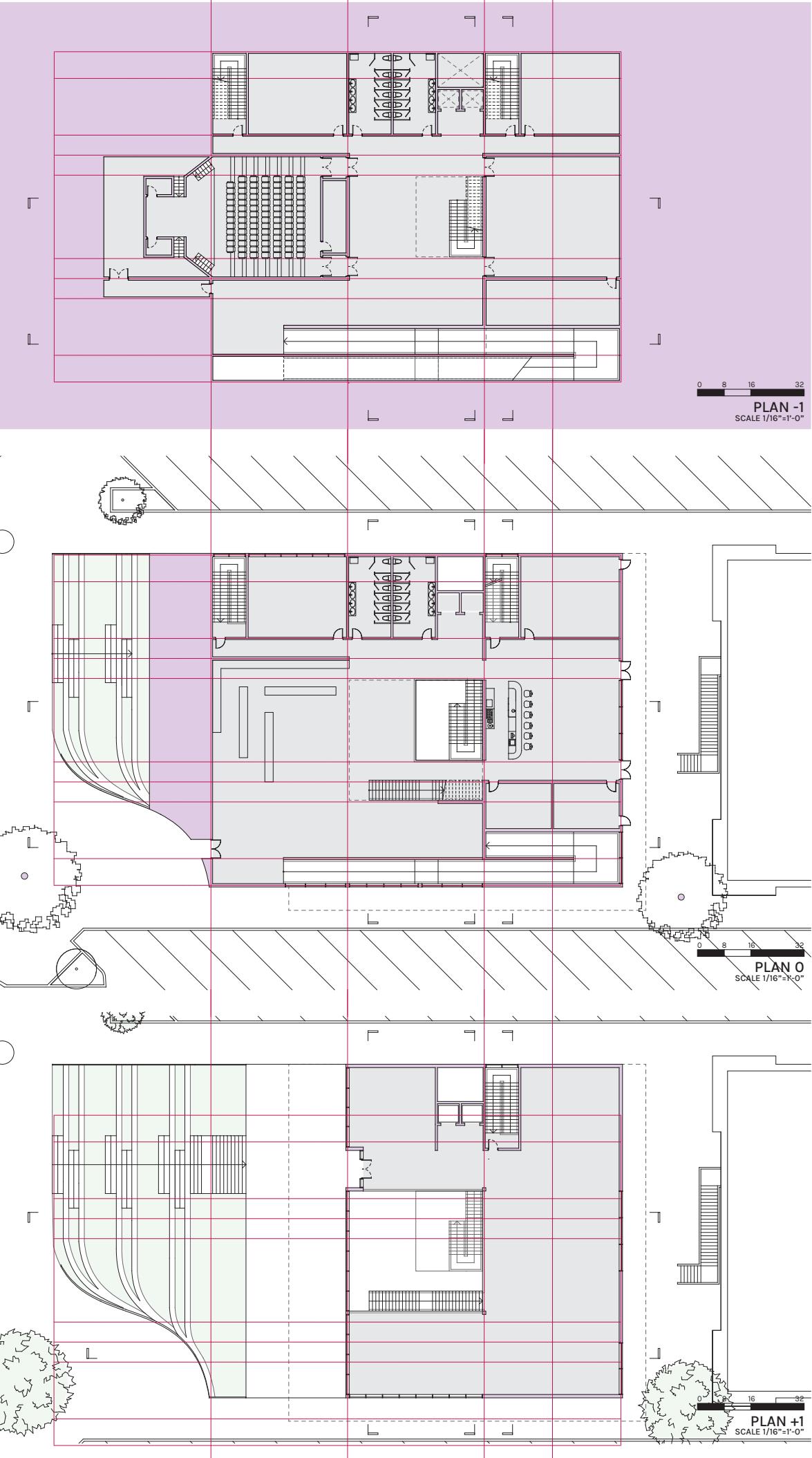


# CULTURAL CENTER DOWNTOWN BRYAN

THIS PROJECT ENVISIONS THE BRYAN CULTURAL CENTER AS A DYNAMIC HUB FOR ARTS, CULTURE, AND COMMUNITY ENGAGEMENT IN DOWNTOWN BRYAN. STRATEGICALLY LOCATED BETWEEN THE HOWELL BUILDING AND GLORIA STEPHAN SALE PARK, THE DESIGN EMPHASIZES STRONG PEDESTRIAN CONNECTIONS AND INTEGRATED PUBLIC SPACES.

THE BCC FEATURES A 100-SEAT AUDITORIUM WITH A SLOPED FLOOR FOR LECTURES, PERFORMANCES, AND MULTIMEDIA PRESENTATIONS, ALONGSIDE FLEXIBLE EXHIBITION AND WORKSHOP SPACES FOR CULTURAL EVENTS. OPEN TO THE PUBLIC BEYOND REGULAR HOURS, THE CENTER FOSTERS ACCESSIBILITY AND INTERACTION WHILE ENSURING SECURITY. SEAMLESSLY BLENDING WITH ITS SURROUNDINGS, THE BCC AIMS TO ENRICH BRYAN'S CULTURAL LANDSCAPE AND PROVIDE A VIBRANT GATHERING SPACE FOR THE COMMUNITY.





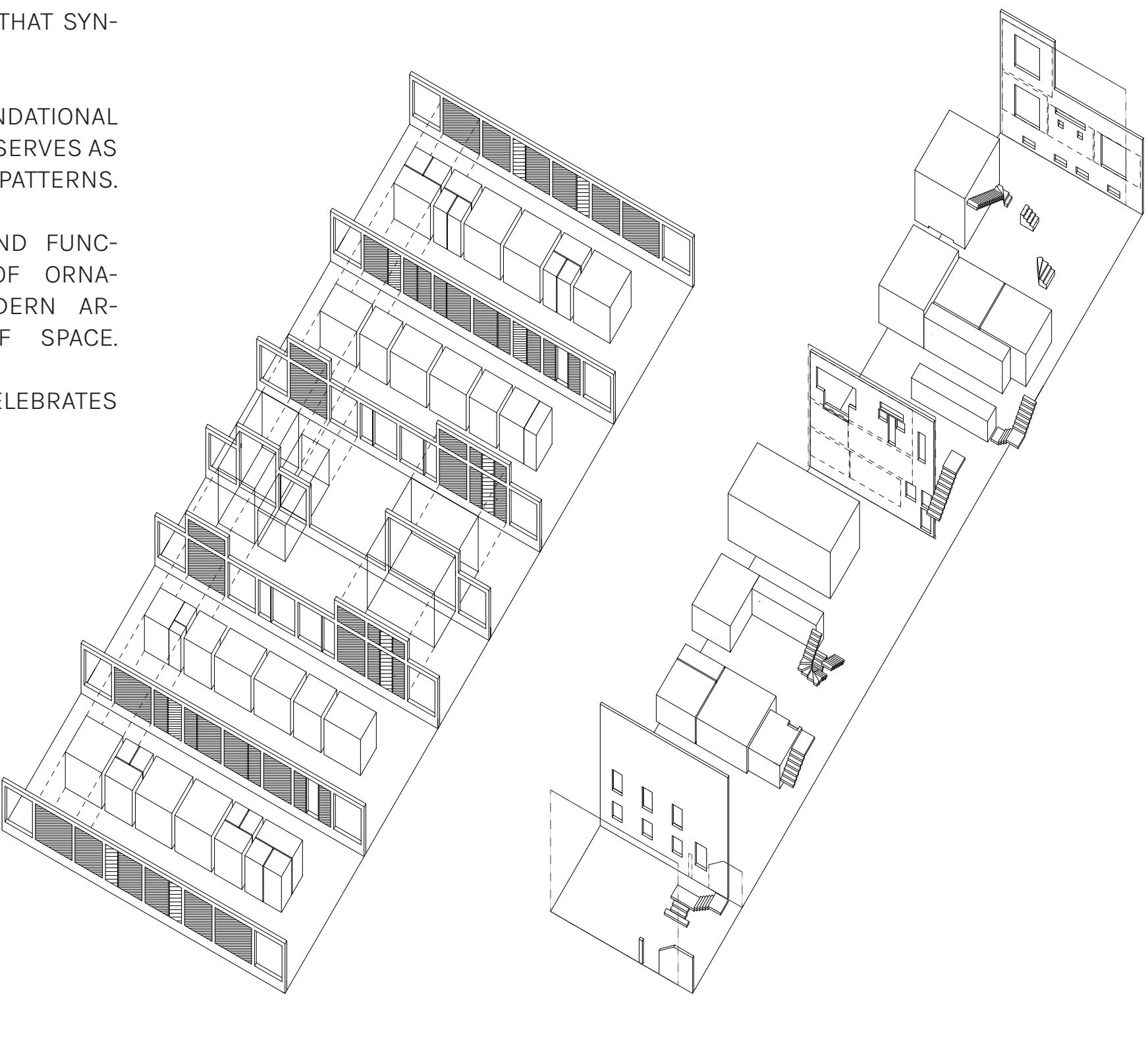
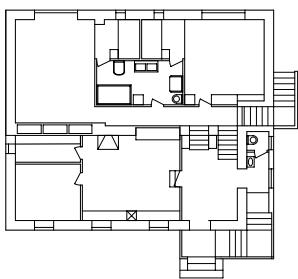
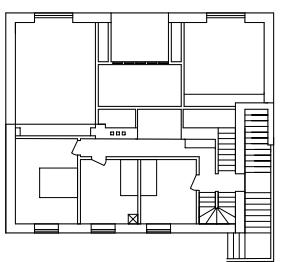
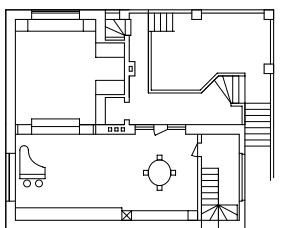
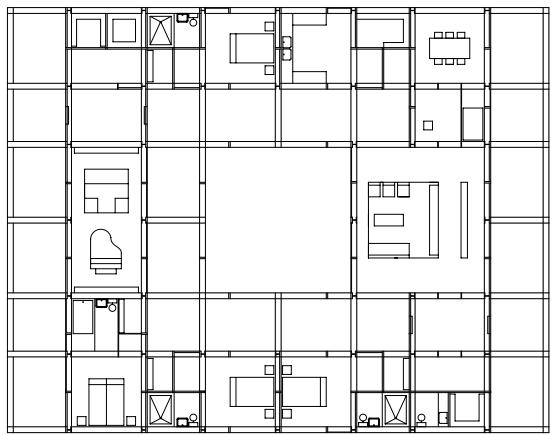
# JOHN HEJDUK AND ADOLF LOOS

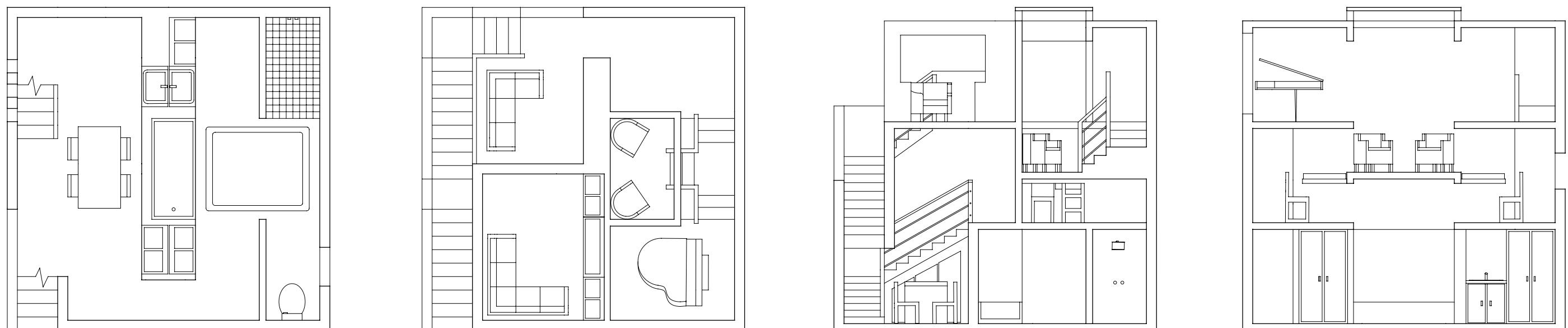
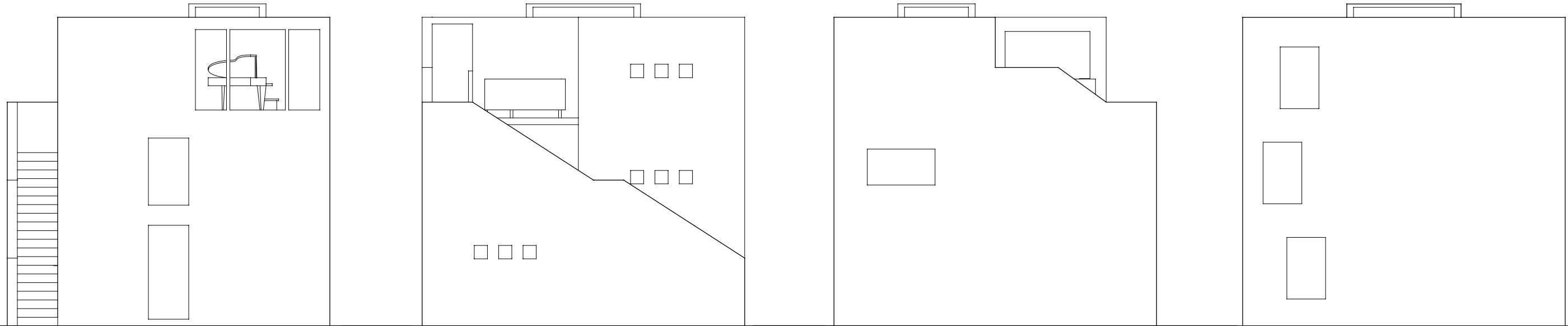
THIS PROJECT INTENTS TO EXPLORE THE WORKS OF TWO INFLUENTIAL ARCHITECTS: JOHN HEJDUK AND ADOLF LOOS. THE OBJECTIVE WAS TO ANALYZE THEIR DISTICT APPROACHES AND PHILOSOPHIES, ULTIMATELY CREATING A HYBRID DESIGN THAT SYNTHESIZES THEIR IDEAS INTO A COHESIVE ARCHITECTURAL STATEMENT.

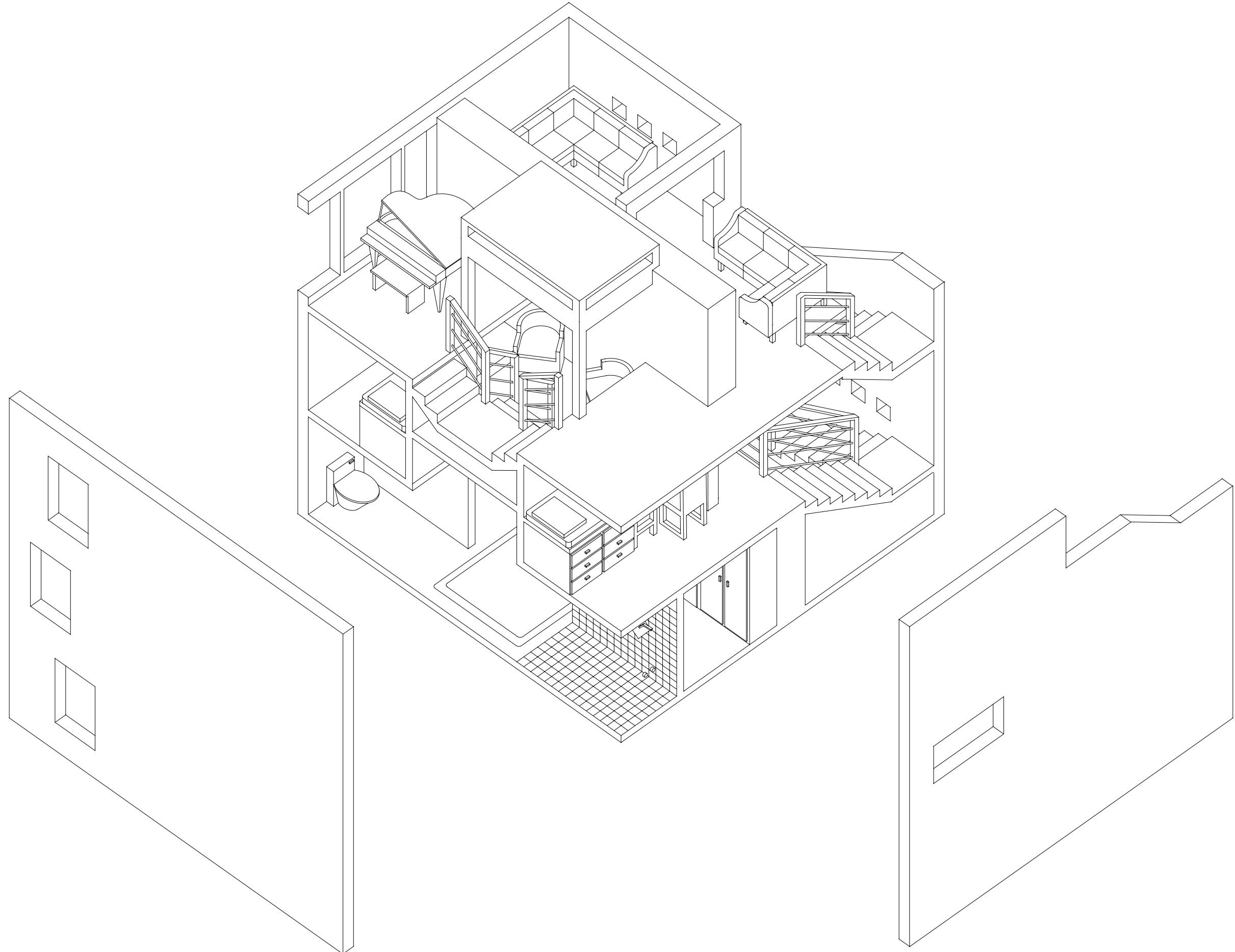
JOHN HEJDUK IS KNOWN FOR HIS STRONG EMPHASIS ON GRIDS AS A FOUNDATIONAL ELEMENT. HIS USE OF GRIDS NOT ONLY STRUCTURES HIS DESIGN BUT ALSO SERVES AS A TOOL FOR EXPLORING SPATIAL RELATIONSHIPS AND CREATING INTRICATE PATTERNS.

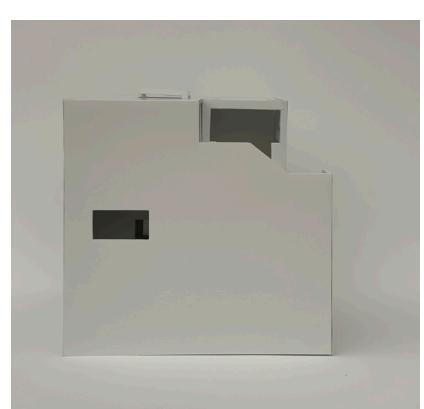
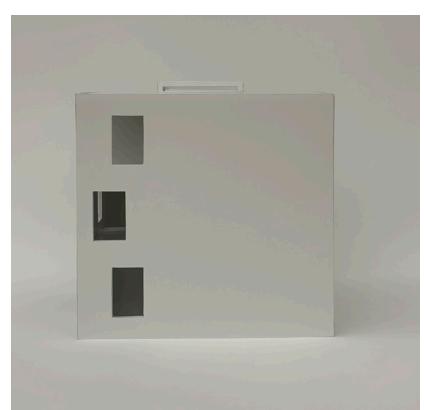
IN CONTRAST, ADOLF LOOS ADVOCATED FOR A MORE PRAGMATIC AND FUNCTIONAL APROACH, PROMOTING SIMPLICITY AND THE REJECTION OF ORNAMENTATION. HIS BELIEF "FORM FOLLOWS FUNCTION" SHAPED MODERN ARCHITECTURE, PRIORITIZING UTILITY AND THE EFFICIENT USE OF SPACE.

THIS PROJECT NOT ONLY PAYS HOMAGE TO BOTH ARCHITECTS BUT ALSO CELEBRATES THE DIALOGUE BETWEEN ABSTRACTION AND FUNCTIONALITY.





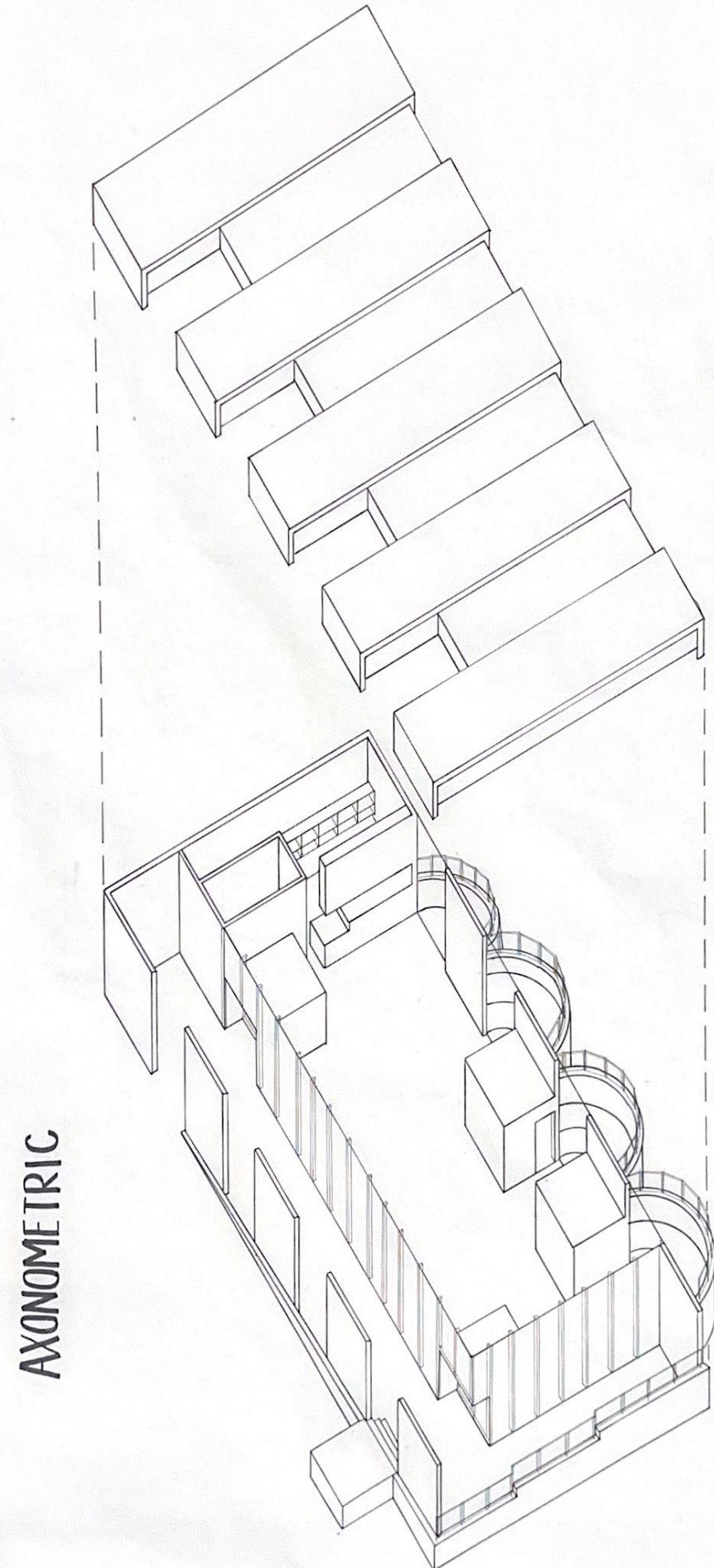
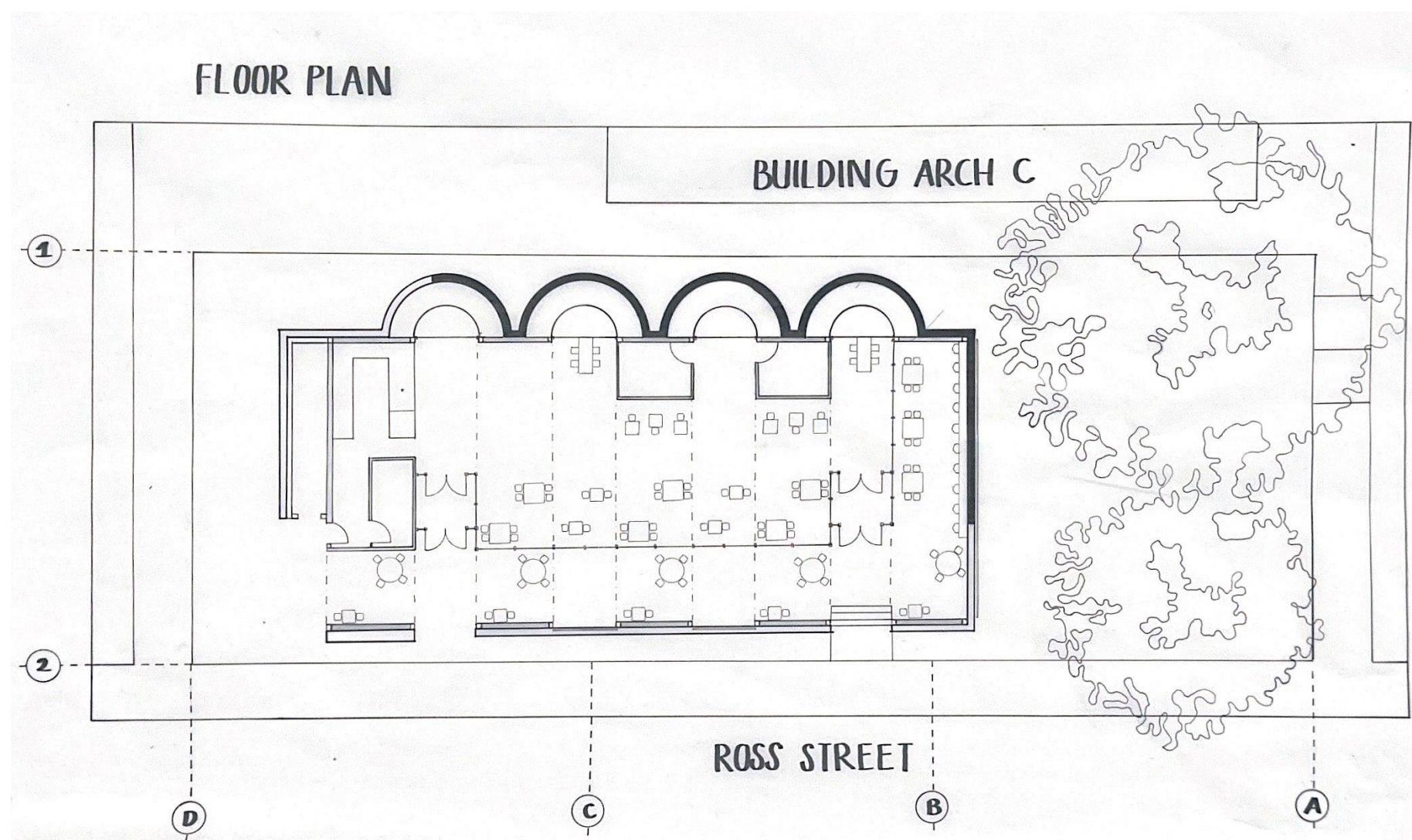


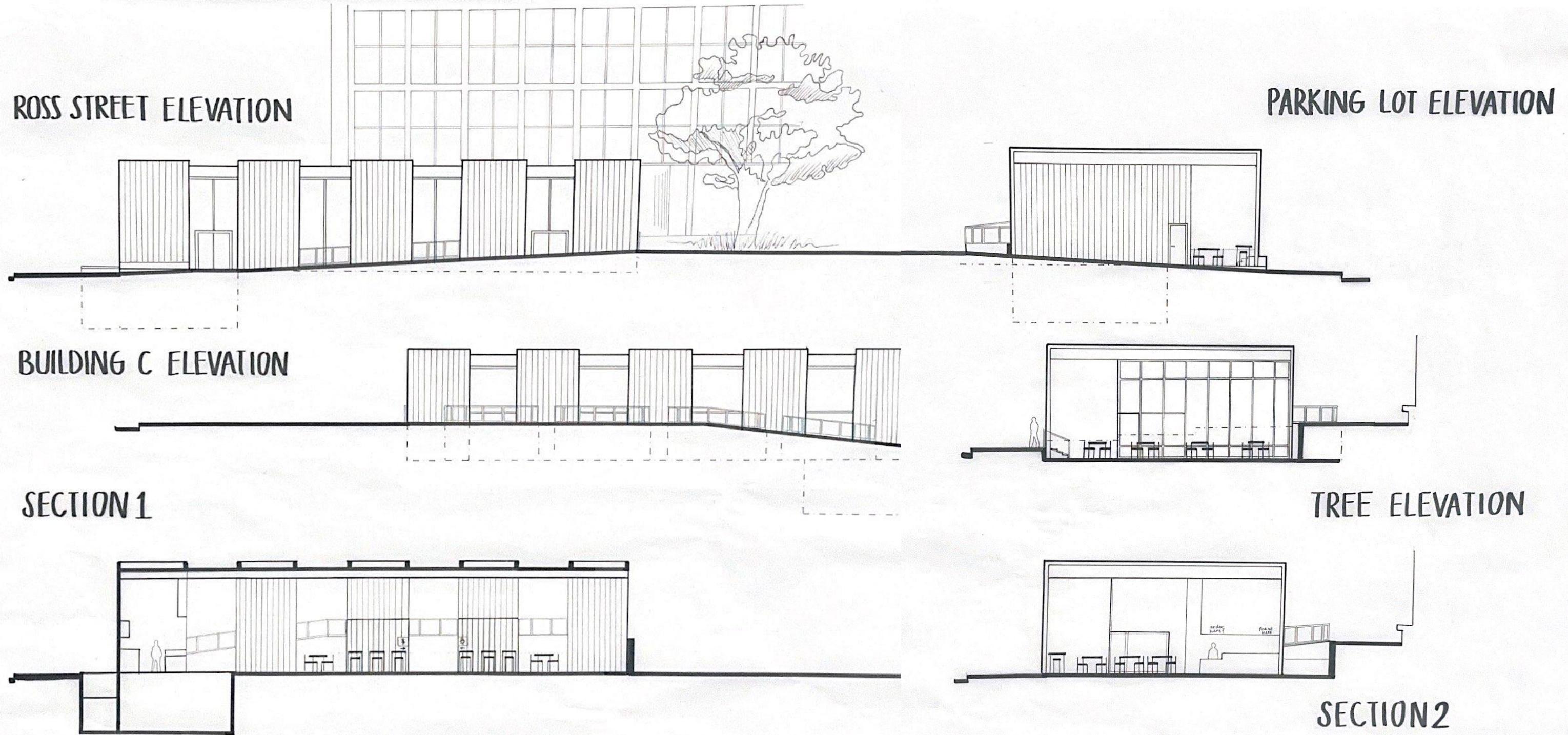


# CAFÉ AT LANGFORD

IN THIS ARCHITECTURAL DESIGN PROJECT, WE FOCUSED ON CREATING A CAFÉ FOR LANGFORD, WITH SPECIFIC PARAMETERS BASED ON SQUARE FOOTAGE AND CAPACITY REQUIREMENTS. OUR GOAL WAS TO DESIGN A WELCOMING AND FUNCTIONAL SPACE THAT ENHANCES THE COMMUNITY WHILE ADHERING TO THE STIPULATED GUIDELINES.

WE BEGAN BY ANALYZING THE SITE AND ITS SURROUNDINGS, ESTABLISHING AN OPEN FLOOR PLAN THAT OPTIMIZES SEATING ARRANGEMENTS TO ACCOMMODATE DIFFERENT PREFERENCES. LARGE WINDOWS PROVIDE NATURAL LIGHT, WHILE OUTDOOR SEATING CONNECTS THE CAFÉ TO ITS ENVIRONMENT.





INFO

**lisulymendoza@gmail.com**

915-996-6999 | Durango, Mexico