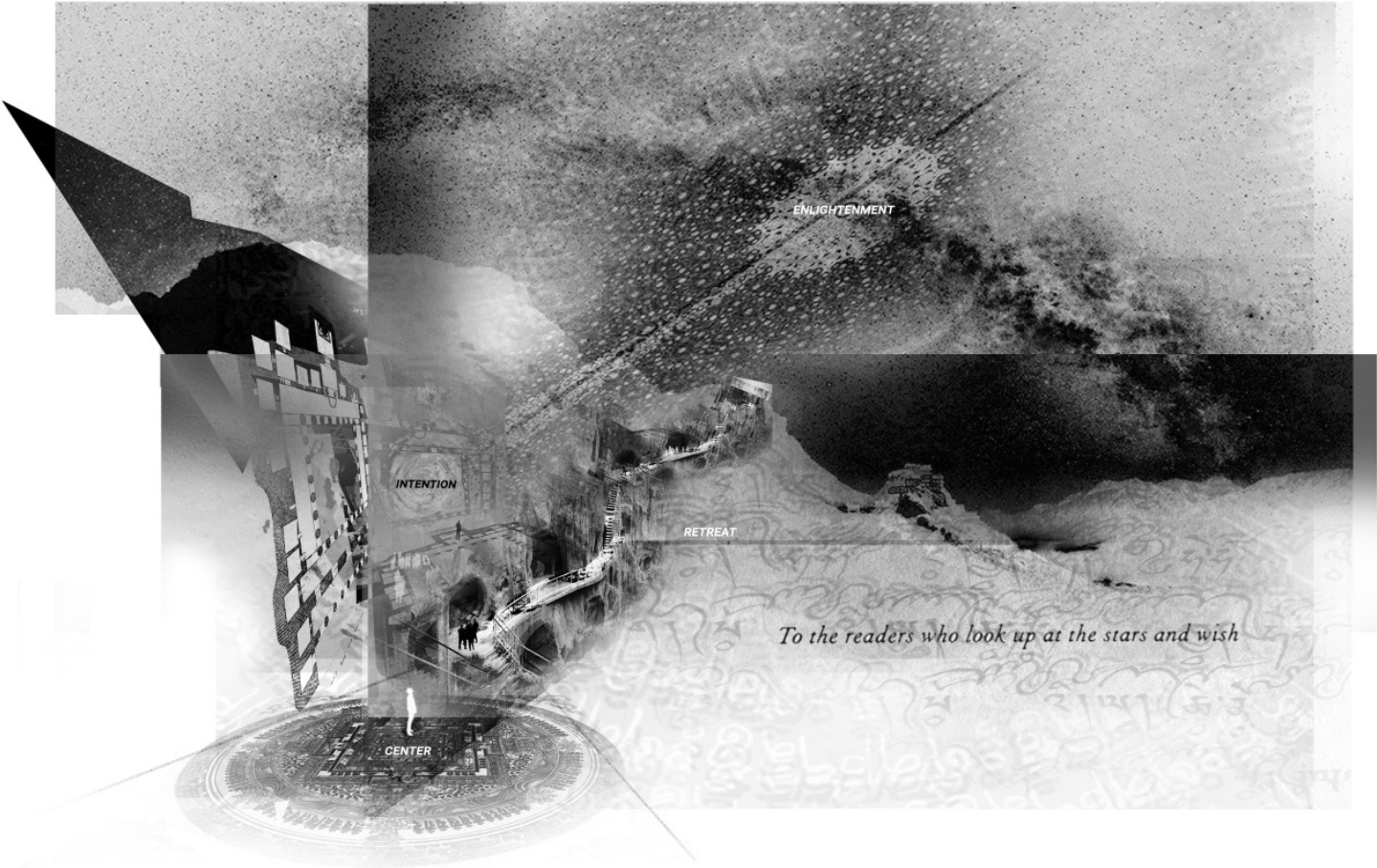


# GRADUATE ARCHITECTURE PORTFOLIO

SELECTED WORKS SPRING 2020-SPRING 2022



**AIDA MUHIBIC**

# AIDA MUHIBIC

muhibicaida@gmail.edu ••• 727-225-9636

 [www.linkedin.com/in/aidamuhibic](http://www.linkedin.com/in/aidamuhibic)

## objective

A passionate, determined Intern Architect, M.Arch Graduate Student, and Graduate Teaching Assistant in pursuit of professional licensure. Areas of experience include luxury single-family residential, multi-family apartments, and commercial projects. A hardworking, detail-oriented individual with experience in fast-paced environments. Seeking to expand upon experience in the architectural field while completing AXP hours necessary to obtain Architectural Licensure.

## scholarship + award

- Arthur Bleen Anderson
- Florida Bright Futures Academic scholar award
- 2022: BTES Edward Allen Student Award for Integrated Building Technology

## skills

autocad  
photoshop  
rhino  
sketchup  
revit  
indesign  
illustrator  
lightroom  
microsoft office  
physical model making  
hand drafting

## languages

Bosnian, Serbian, Croatian  
English

## education

- may 2022 • **MASTER OF ARCHITECTURE**  
University of Florida •• gainesville, fl
- may 2020 • **BACHELORS OF DESIGN IN ARCHITECTURE**  
University of Florida •• gainesville, fl
  - Summa Cum Laude
  - Minor: Urban and Regional Planning

## experience

- apr. 2020 • **INTERN ARCHITECT**  
BSBDesign •• safety harbor, fl  
April 2020–Nov 2020: Architectural Drafter
  - working with leadership on design development and construction documents using AutoCAD and Revit
  - generating architectural drawings and graphics whilst following applicable guidelines of project standards and proofreads own work
  - assists in project management, client relations, and direction of draftsman as needed
  - coordinating with consultants, contractors, and engineering in addition to researching codes and materials
- jan. 2021 • **GRADUATE TEACHING ASSISTANT**  
University of Florida •• gainesville, fl  
present
  - assistant teacher in Materials and Methods of Construction II, Integrated Building Technology, and Introduction to Integrated Building Technology classes to undergraduates
  - leading class instruction and providing assistance to students
  - material management and grading assignments
- aug. 2018 • **SENIOR AUTOCAD DESIGNER**  
Ridgway Roof Truss •• gainesville, fl  
may 2020
  - producing roof/floor truss layouts for multi-family, commercial, and single-family projects
  - working with project managers, truss designers, engineers, architects, etc. to ensure correct field notes for truss layouts including truss structural components and wall details
  - training new autocad designers in terms of truss education and company protocols
  - assisting estimating departments for bid proposals
- aug. 2018 • **ARCHITECTURAL DESIGN STUDIO TEACHING ASSISTANT**  
University of Florida •• gainesville, fl  
nov.
  - teaching assistant to Professor Mark McGlothlin in architectural design 3 studio providing assistance and feedback to students
- jan. 2018 • **LIBRARY WEST 24/7 CIRCULATION STAFF**  
University of Florida •• gainesville, fl  
july
  - overnight circulation desk manager overseeing student assistants

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#### - TATTOLI RESIDENCE *St. Cloud, Florida - USA*

Architect - Designer: Ed Binkley

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Architect - Designer: Michael Crocker

Design Development + Construction Documents

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# THE COUNTERCULTURE LIBRARY OF EMBARCADERO

San Francisco, California - USA *Spring 2021: Graduate Design 2*  
Professors Jason Alread + Stephen Belton  
In Collaboration with Mariana Araujo + Amanda Herring

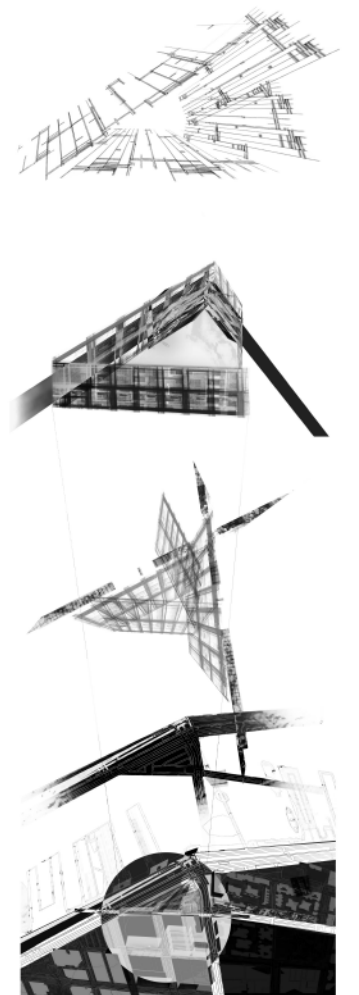


1| Render - Rear Entrance Exterior Approach



1| Site Analysis - Mapping

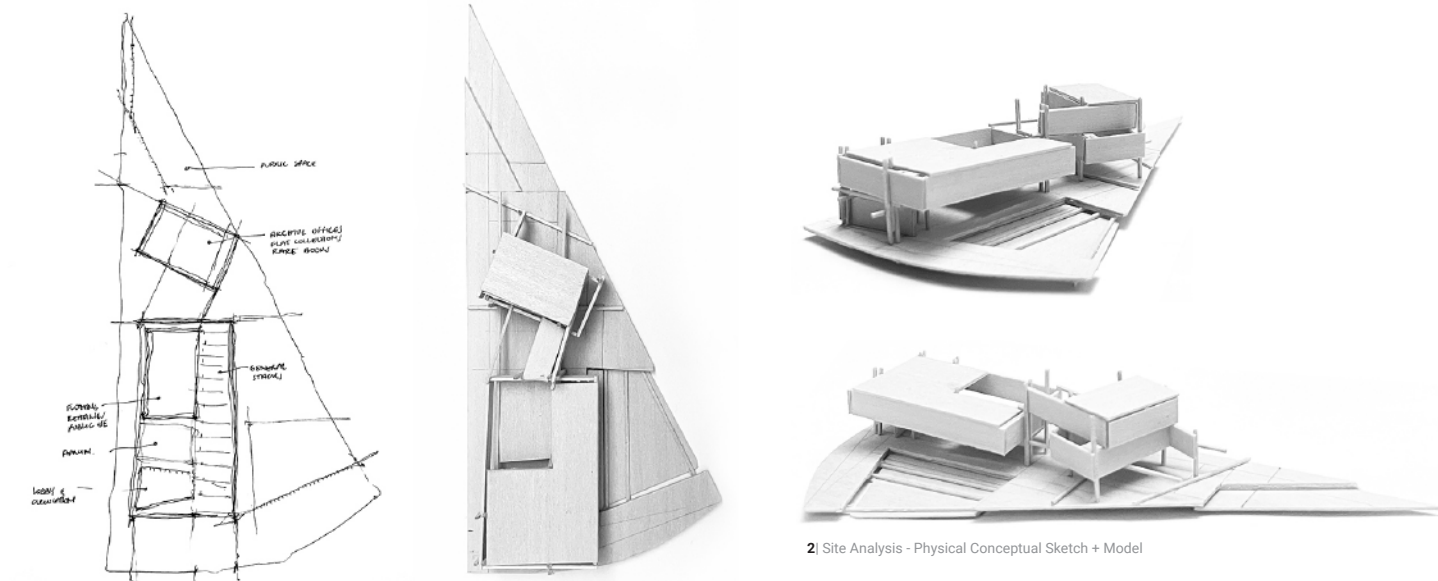
2| Site Analysis - Diagram



## LOCATION

Given the assigned site on the Embarcadero Highway of San Francisco, California along with the assigned program of library. In this collaborative project through the systems of online learning, a project was formed with an interest in the community of San Francisco. With research of neighboring site conditions, a narrative of a Counter-Culture Library was formed.

1| Site Analysis - Cultural Collages



2| Site Analysis - Physical Conceptual Sketch + Model



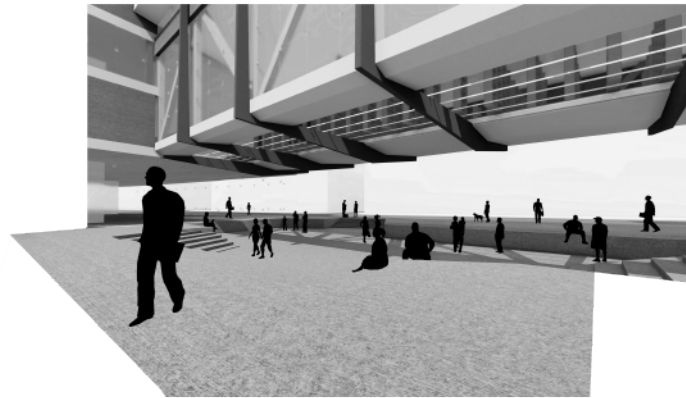
1| Elevation Concepts - Building Proportions + Access to Bridge

**PROCESS**

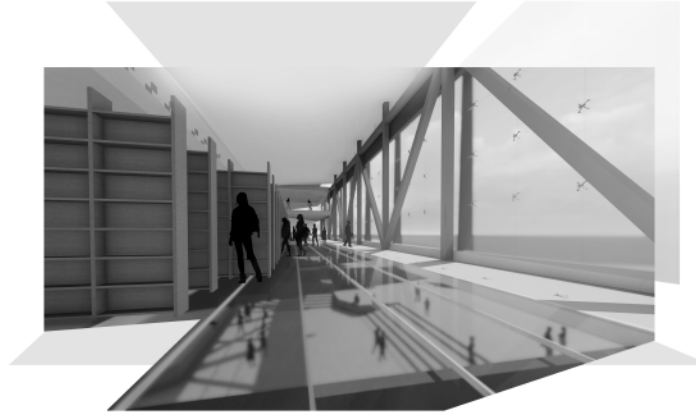
Process in which programmatic ideas of a Library, Connecting Bridges, and Auditorium were explored through the mediums of digital 3D modeling with Rhino, Photoshopped Elevation Proportion Studies, and Physical Modeling. A narrative of connection to the community through library was formed with an interest in an interior and exterior symbiotic public auditorium space.



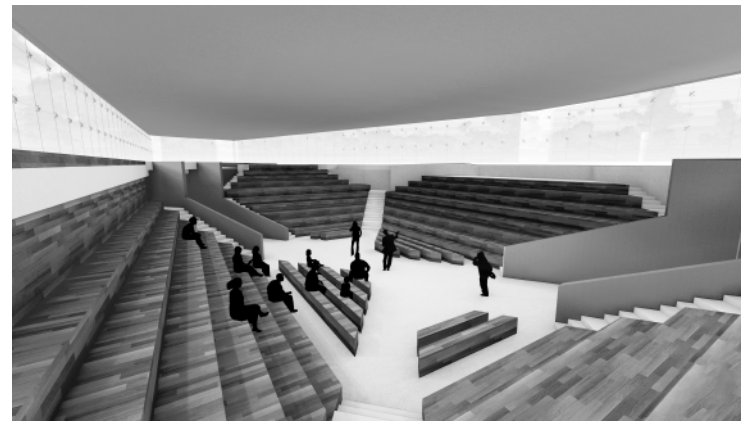
1| Perspective - View under Floating Bridge



2| Perspective - View approaching Floating Bridge

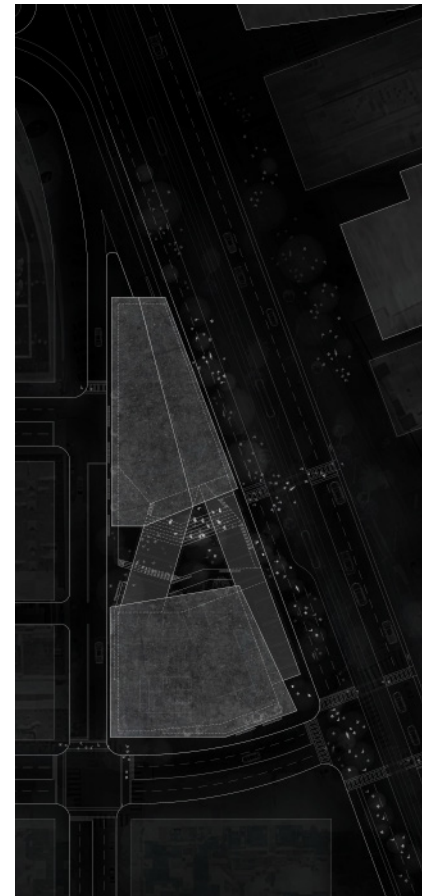


3| Perspective - View on Floating Bridge

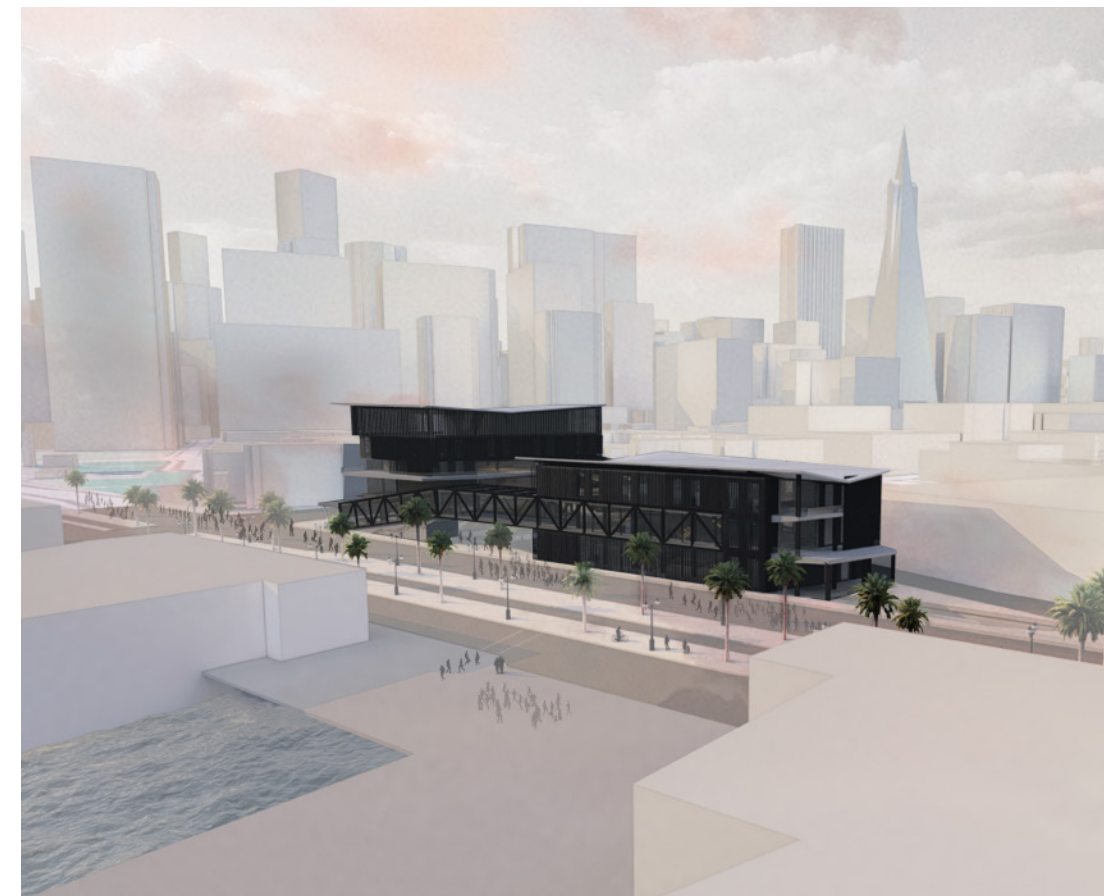


4| Perspective - View of Auditorium

1| Site Plan - Pedestrian Movement



2| Building in Context of San Francisco, CA

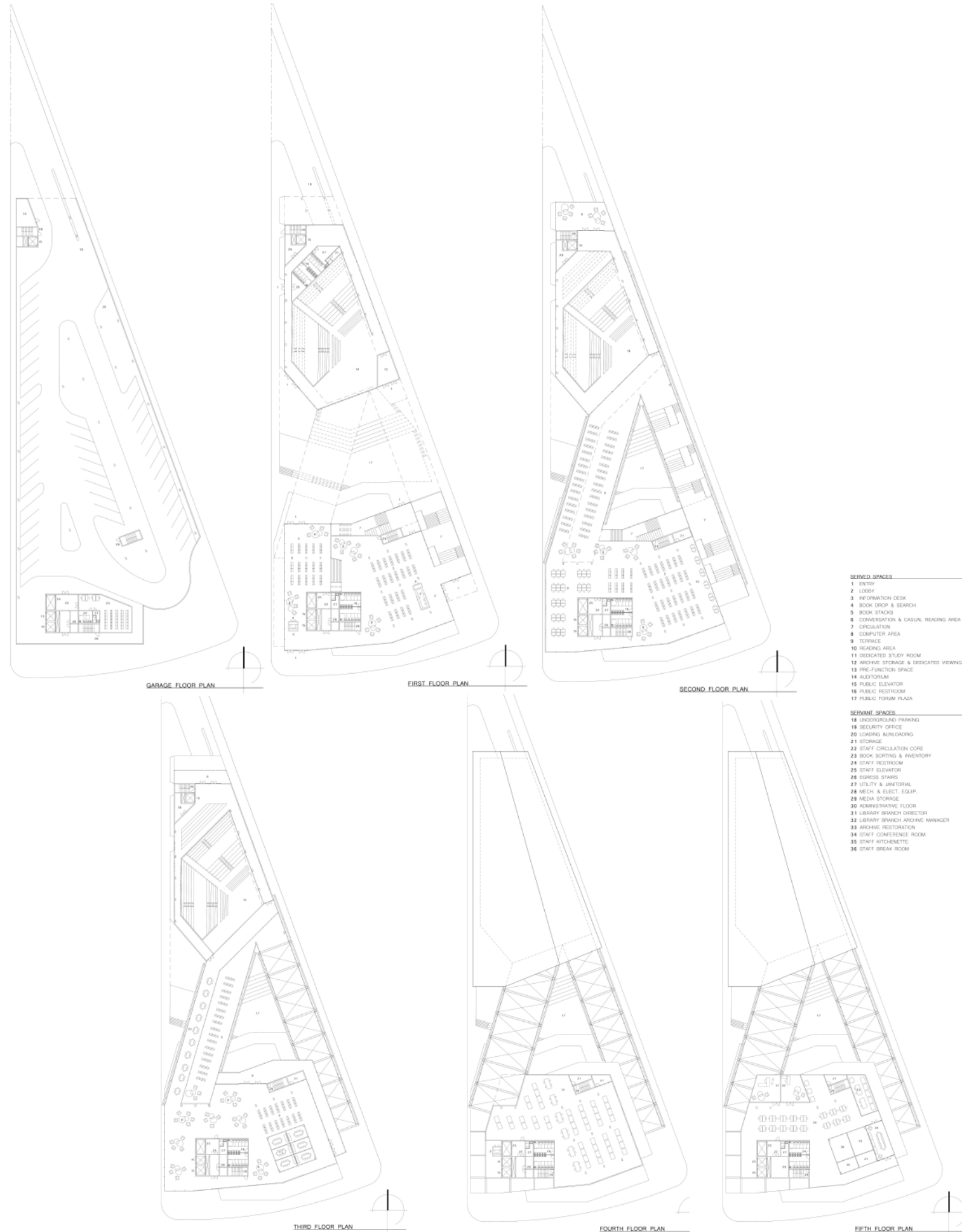


**INTENT**

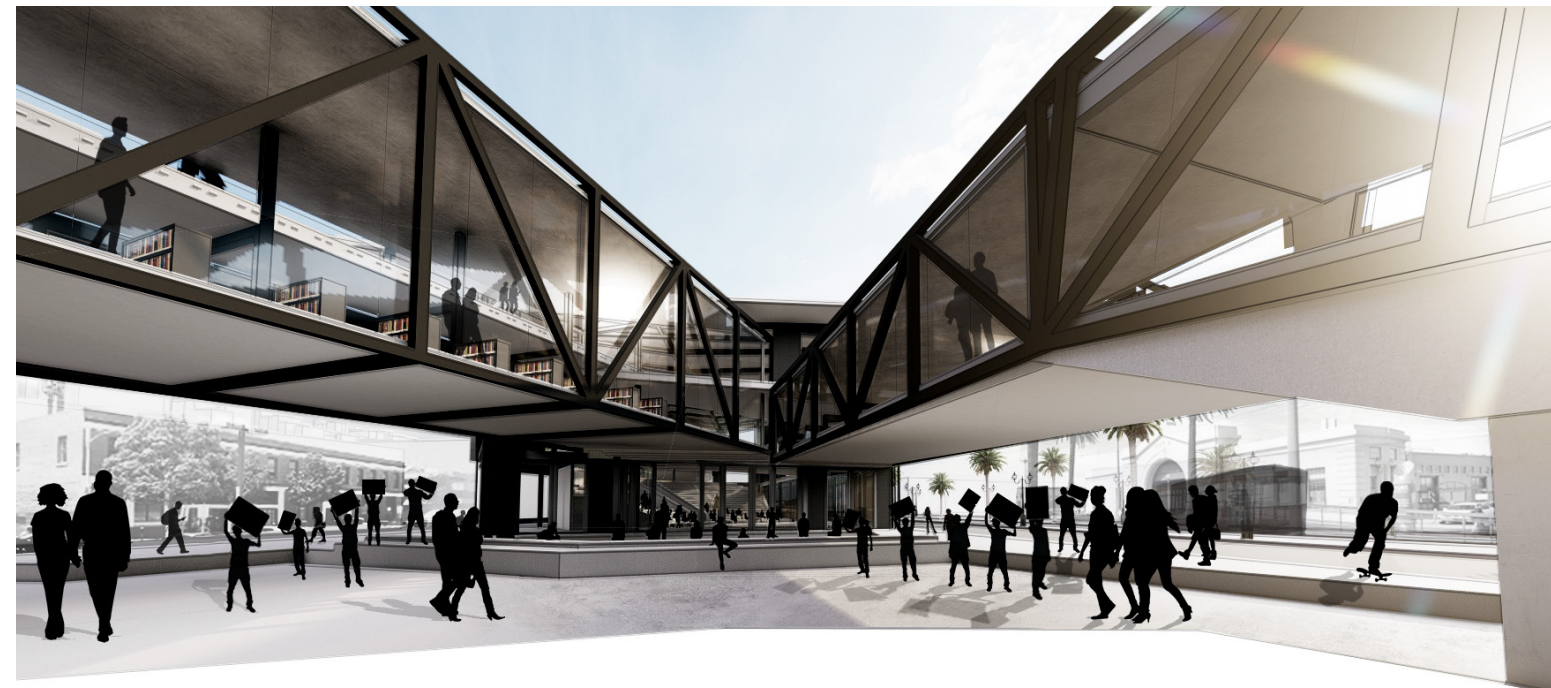
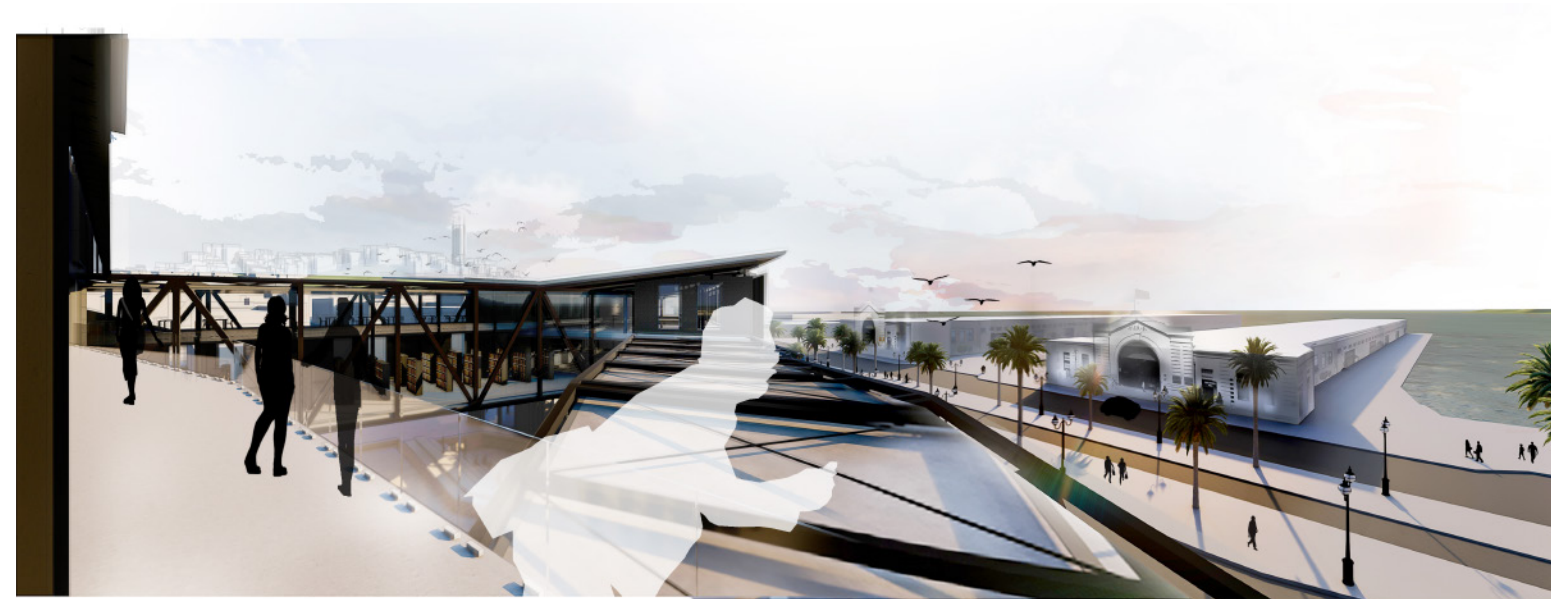
With the hopes of inviting the community of San Francisco into a shared public space, ideas of accessibility were of priority. With easy street access from the Embarcadero Highway, the intention is to invite pedestrians into the home of information with spaces to share it. An irregular auditorium space opens up to exterior, with accessible public seating for informal and formal conversations.



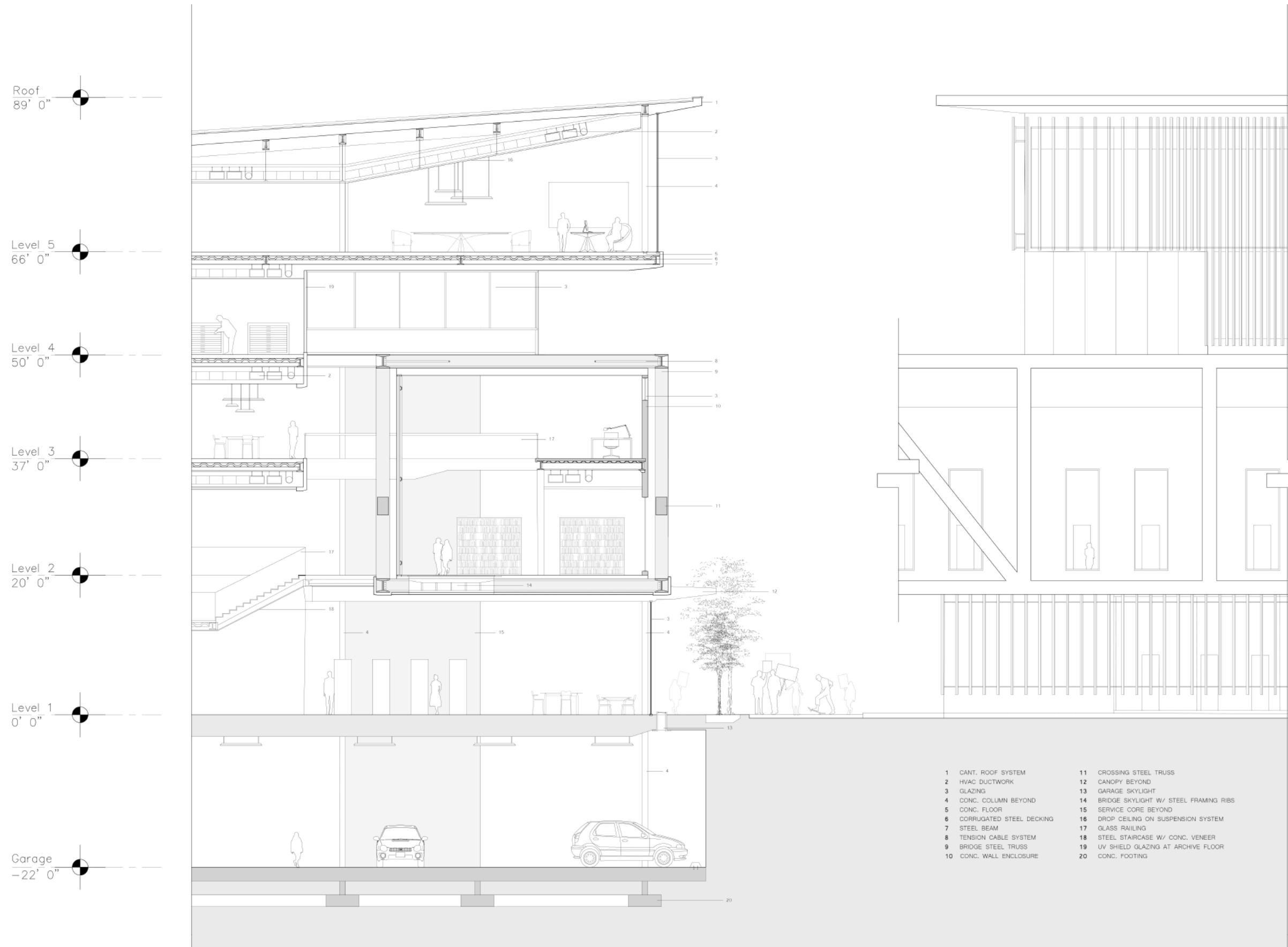
3| Render - Approaching Library



1| Render - Balcony View of the Surrounding Context of San Francisco

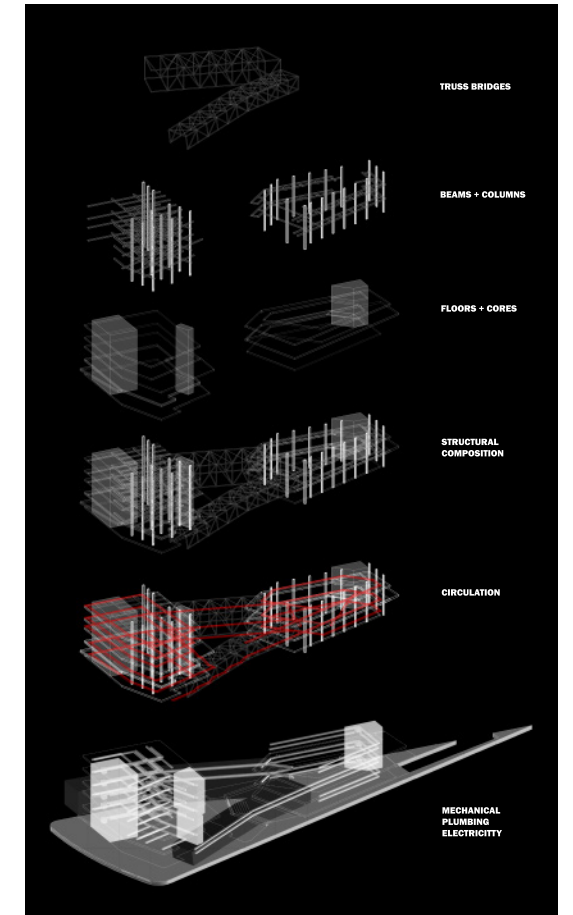


2| Render - Exterior Courtyard



1| Wall Section + Elevation

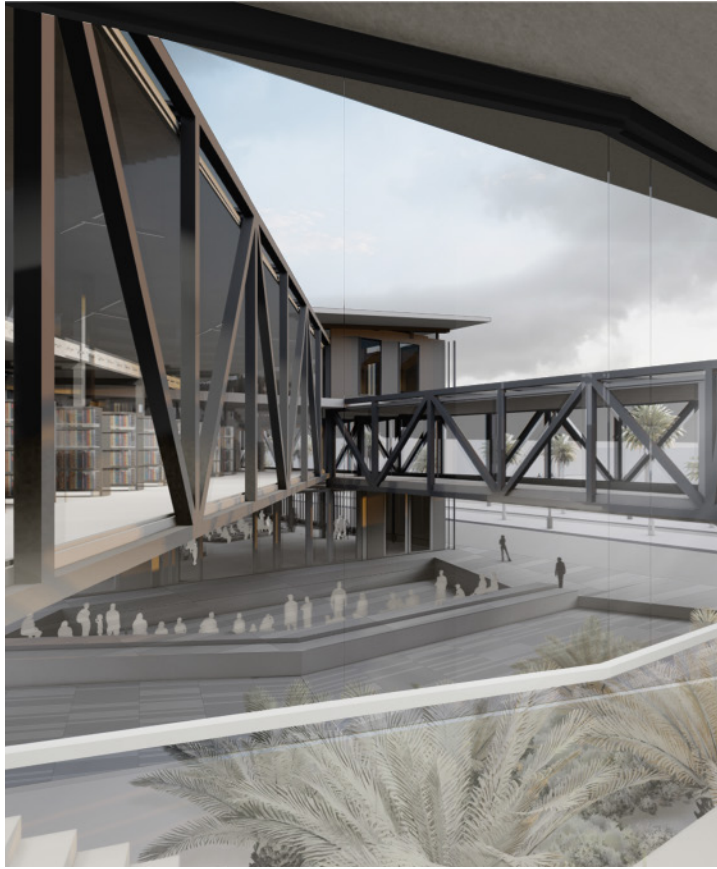
2| System Diagrams



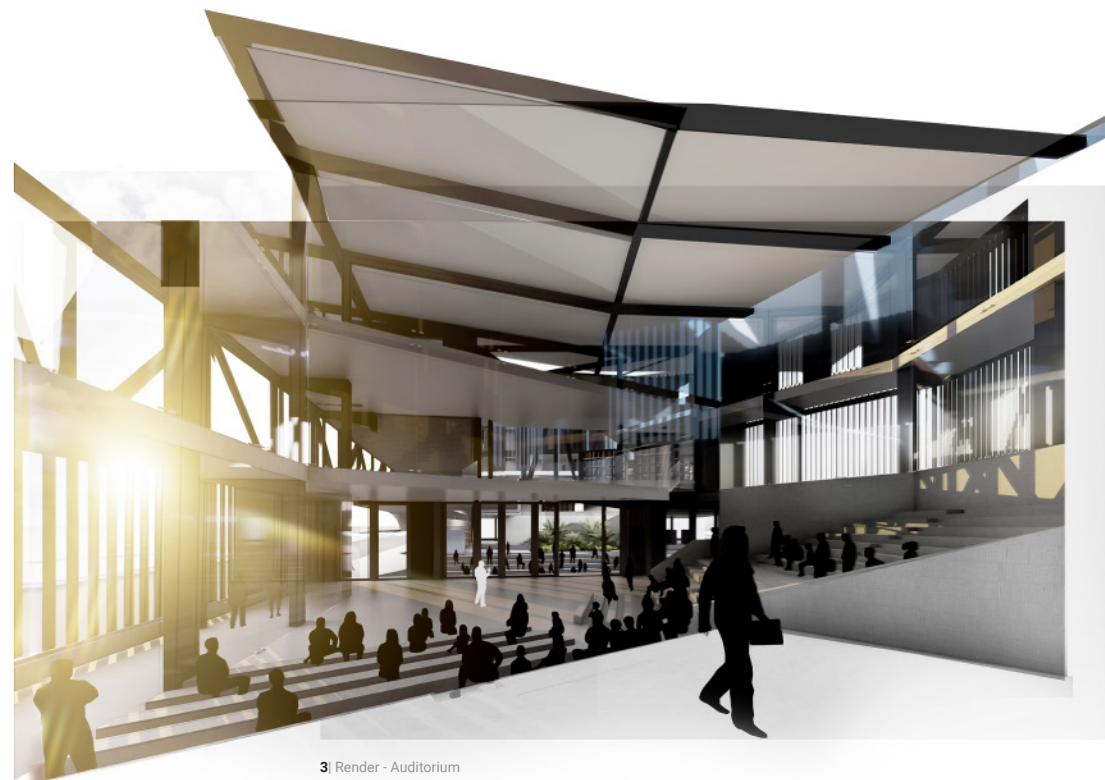
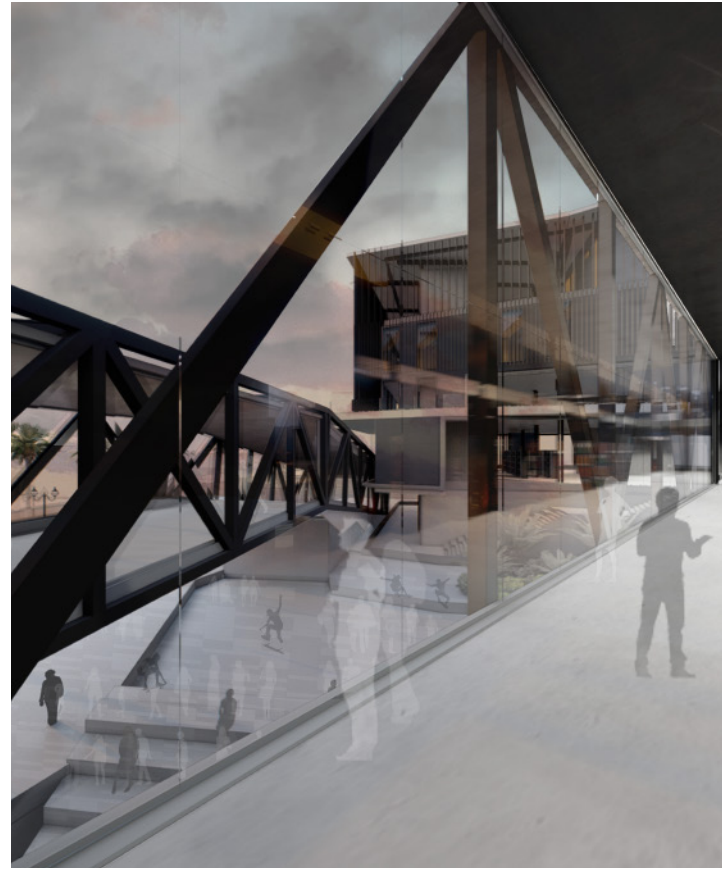
## SYSTEMS

Systems in the project were explored through various 2D and 3D measures. The wall section shown showcases connection of bridge to the library space with ideas of Structural and Mechanical systems. These systems as well as Electrical and Plumbing systems were also explored through 3D exploded axonometric drawings to showcase their relationships.

1| Render - View of Exterior Courtyard



2| Render - Interior View of Library



3| Render - Auditorium



BROADWAY



EMBARCADERO



GREEN

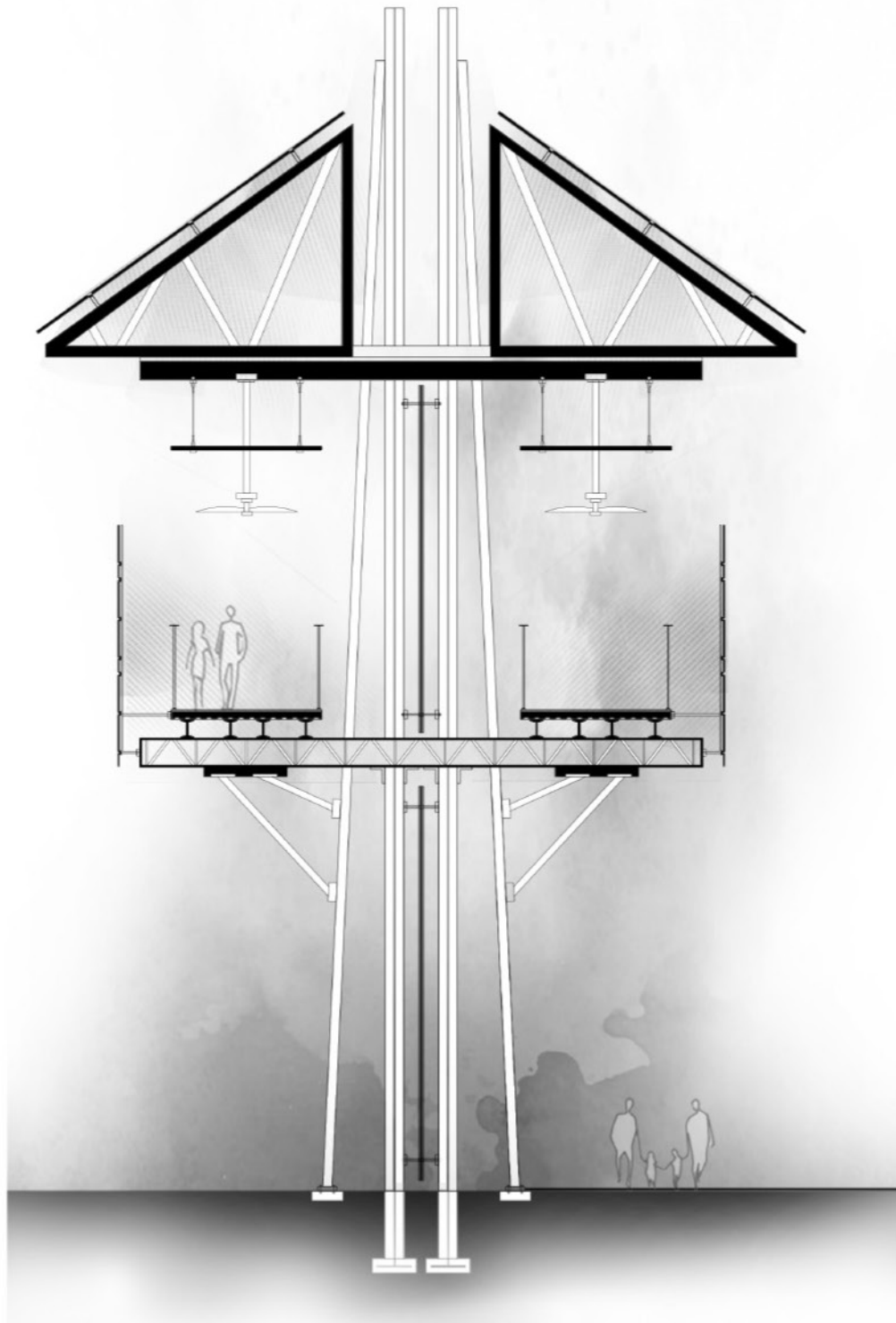


DAVIS

1| Elevations in Context

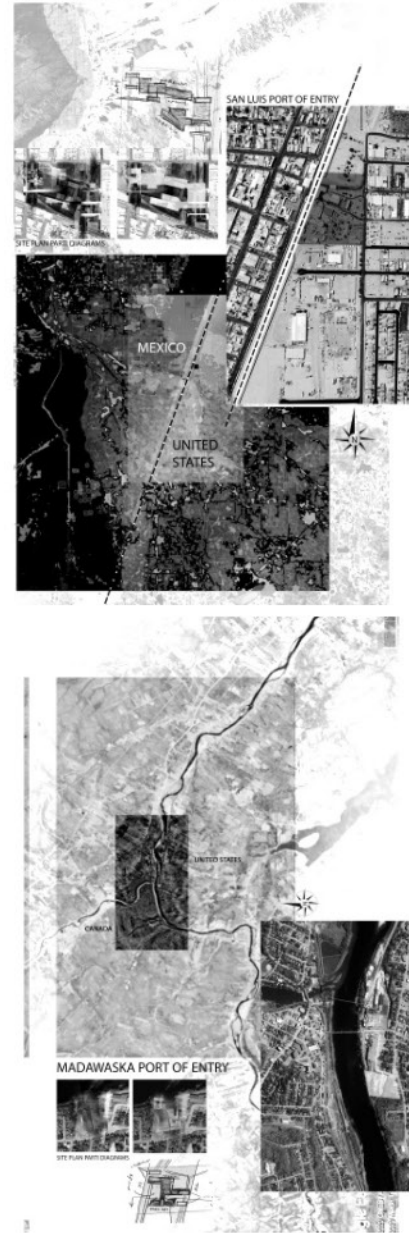
# HOT + COLD: INHABITABLE OVERHEAD *at the Port of Entry*

San Luis, Arizona + Madawaska,  
Maine - USA *Fall 2020: Graduate Design 1*  
Professors Bradley Walters + Stephen Belton



1 Section Cut Diagram of Pedestrian Bridge

2 Site Analysis Mappings - San Luis + Madawaska



1 Physical Model Study

## CONNECTIONS

With the assigned sites of San Luis, Arizona and Madawaska, Maine along with the assigned programs of Land Port of Entry, an idea of inhabitable pedestrian overhead conditions was formed. Studied through 2D drawings and 3D Physical Modeling, the overall idea of 2 systems of pedestrian bridges inhabiting the overhead conditions for large-scale vehicular pedestrian checkpoints. The project explores material and structural systems suitable for varying site condition in terms of thermal environmental differences.

# SAN LUIS, AZ

# MADAWASKA, MN



1| Port of Entry: Pedestrian Bridge over Vehicular Checkpoints

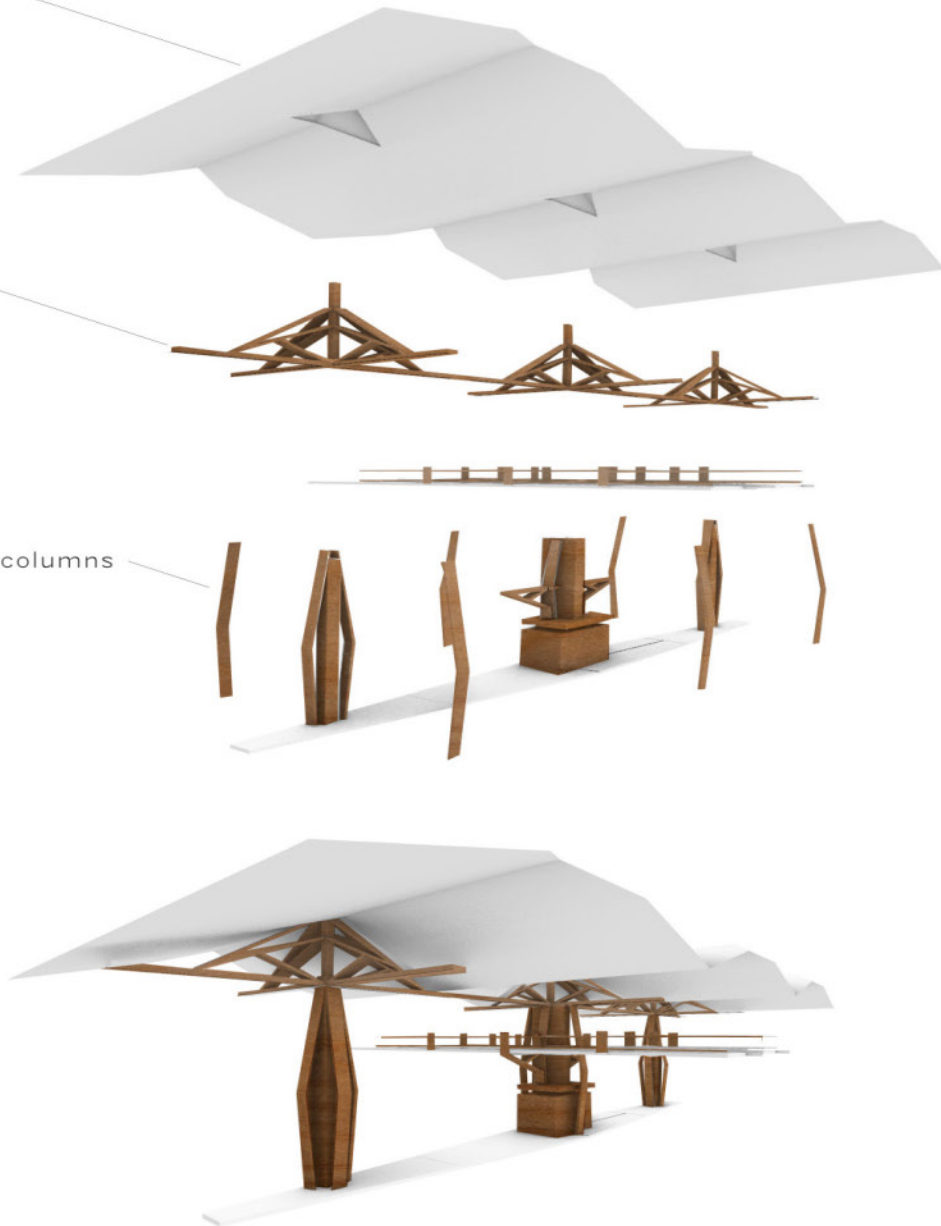


1| Port of Entry: Pedestrian Bridge over Vehicular Checkpoints

tensile roof system

wooden trusses

wood clad structural columns

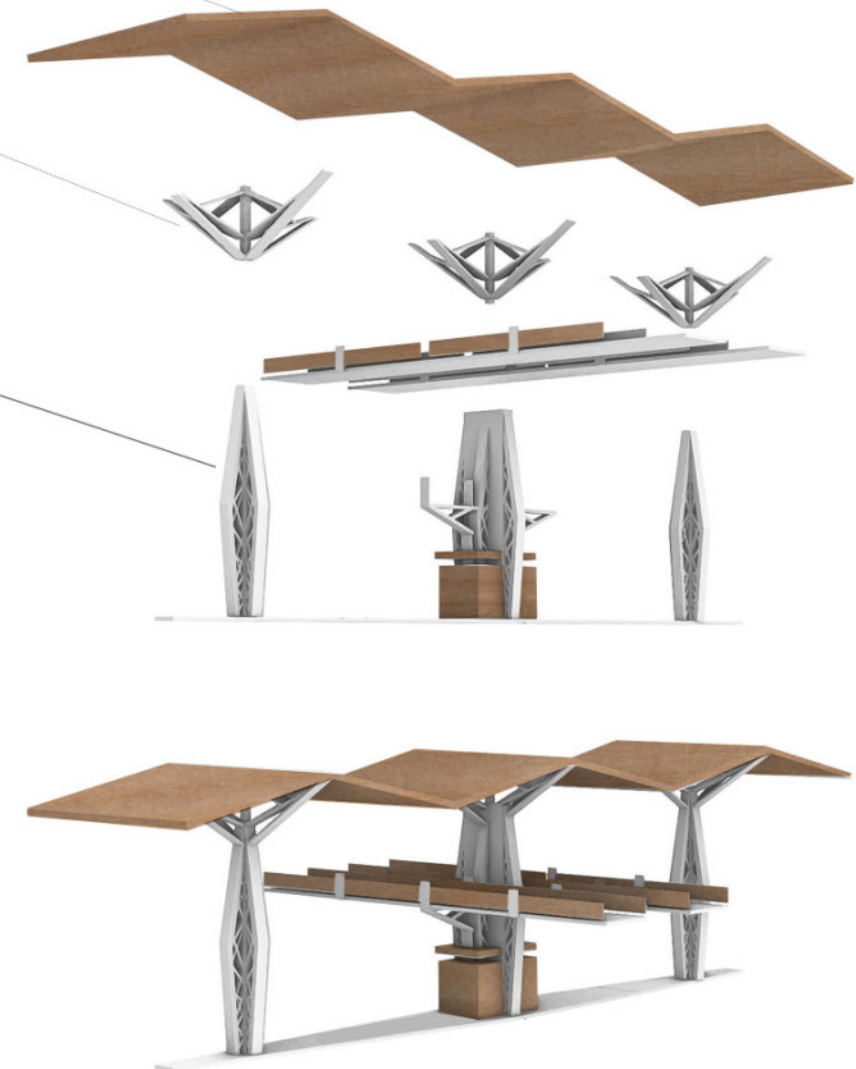


2| Exploded Axo: Material Systems

wood clad reinforced concrete

concrete supports

concrete structural columns



2| Exploded Axo: Material Systems

HOT

COLD



1| Elevation

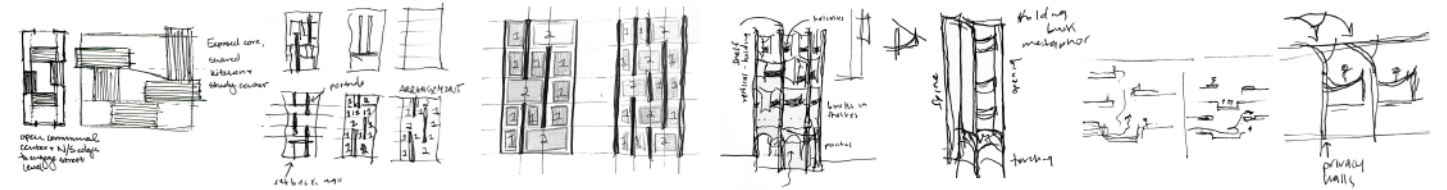
# BAYVIEW: HOUSING FOR SCHOLARS

San Francisco, California - USA *Spring 2021: Graduate Design 2*

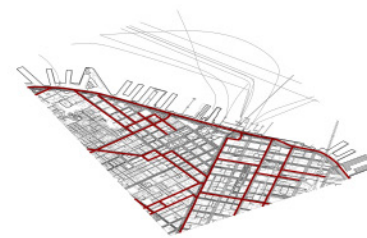
Professors Jason Alread + Stephen Belton

In Collaboration with Mariana Araujo + Amanda Herring

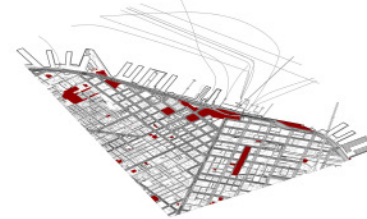
1| Elevation Sketches



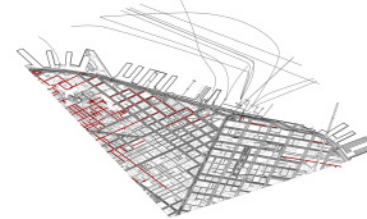
CYCLING ROUTES



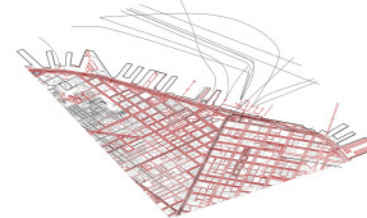
PARKS



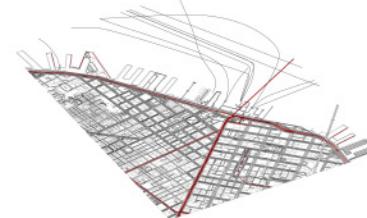
MINOR ROADS



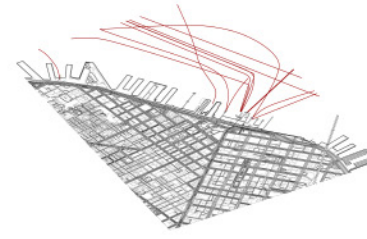
MAJOR ROADS



RAIL ROUTES



FERRY BOAT ROUTES



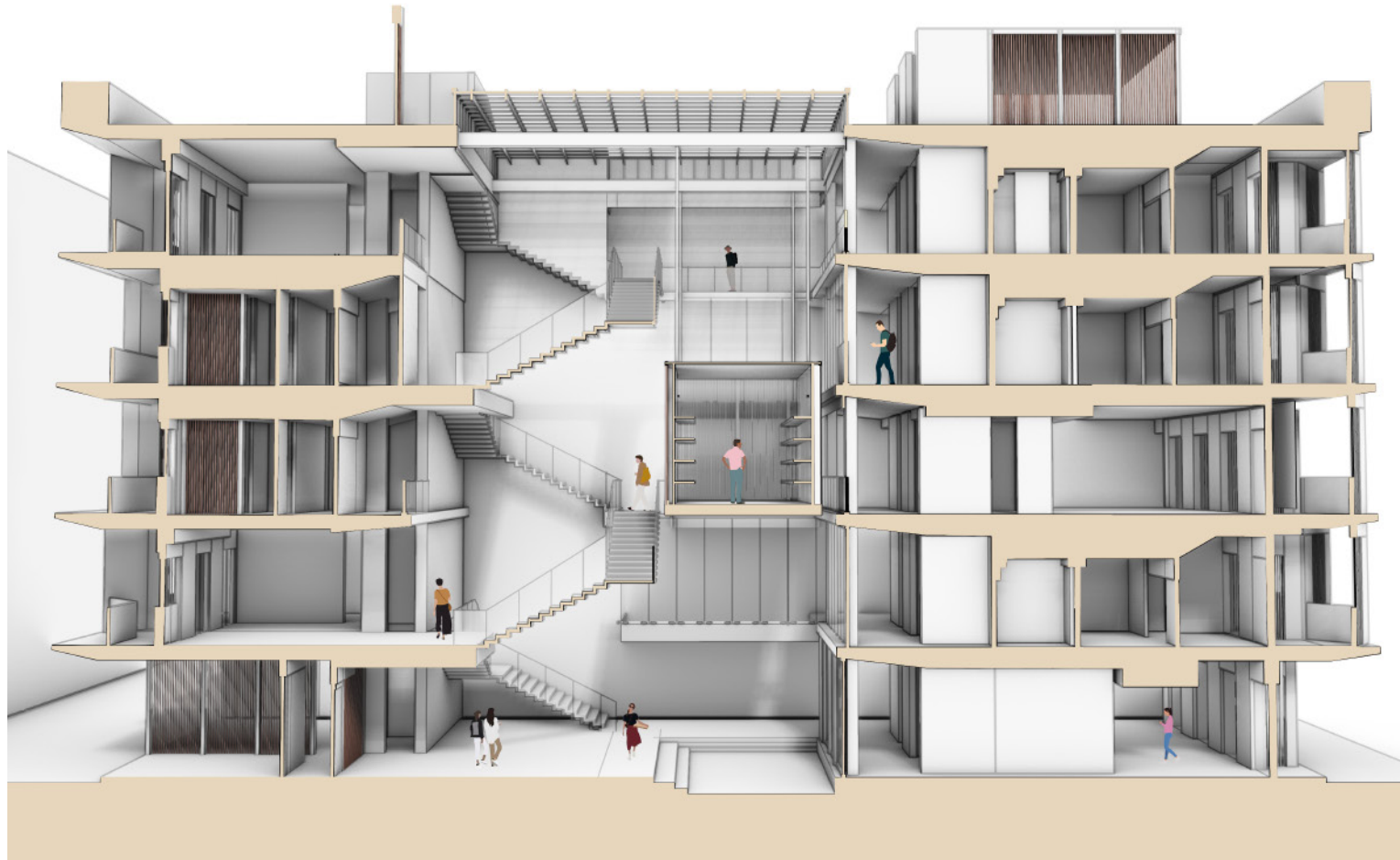
2| Site Analysis Mappings



3| Site Plan

## PROGRAM

Located in the Embarcadero neighborhood of San Francisco, California, a collaborative team was given the prompt to create temporary housing for visiting academic scholars to the area. With the intention of creating spaces that influence a sense of community through interactions that range from a strategy of sharing resources that are both scholarly and residential in character. Interactions with community range from utilitarian kitchen and laundry services, spaces of study such as interior terraces and a library, and private living quarters with shared balconies.

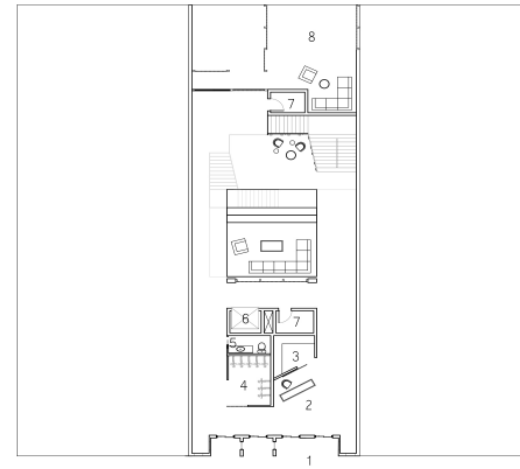


1| Section Perspective

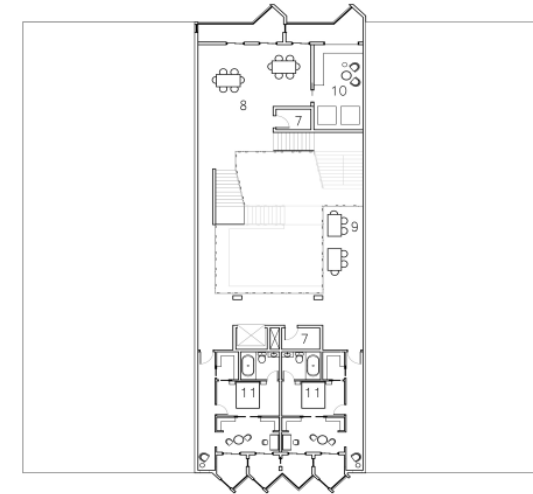


2| Program Diagrams

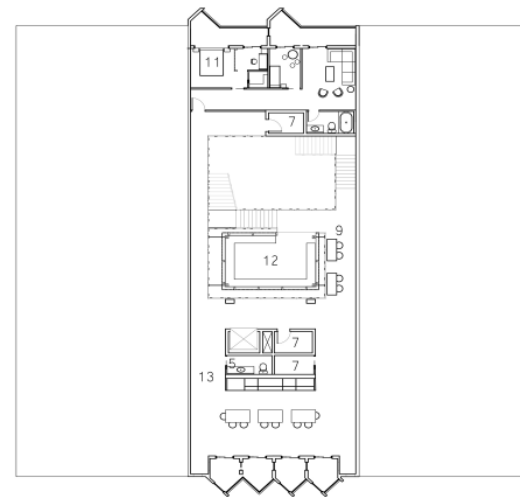
1| Floor Plans



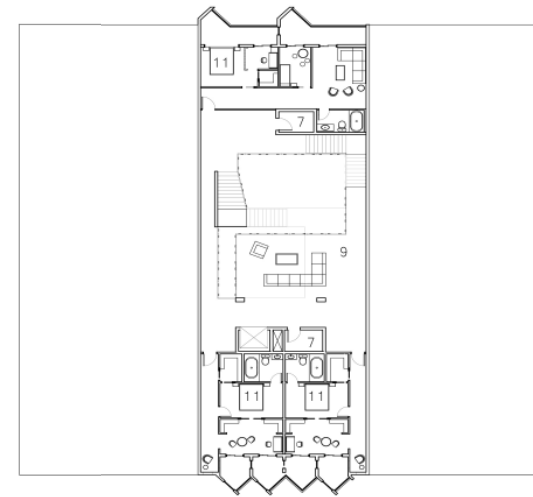
GROUND



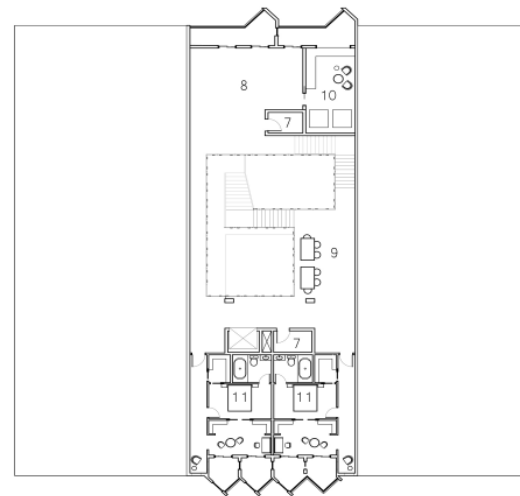
SECOND



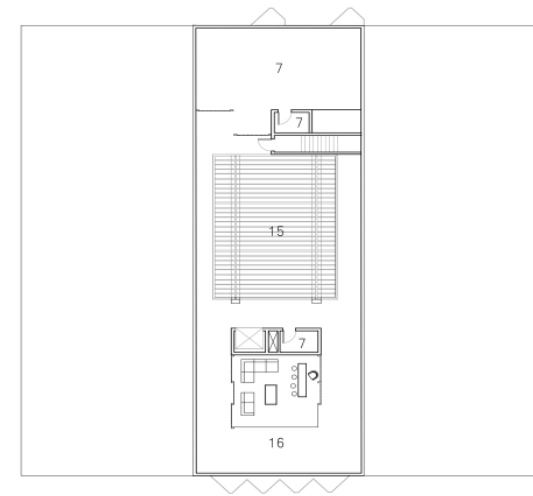
THIRD



FOURTH



FIFTH



ROOF

LEGEND

- 1. ENTRY
- 2. RECEPTION AREA
- 3. MAIL ROOM
- 4. BICYCLE STORAGE
- 5. POWDER ROOM
- 6. ELEVATOR
- 7. STORAGE / UTILITY
- 8. COMMON AREA
- 9. INTERIOR TERRACE
- 10. LAUNDRY AREA
- 11. PRIVATE UNIT
- 12. FLOATING LIBRARY
- 13. KITCHEN AREA
- 14. OPEN TO BELOW
- 15. ATRIUM ENCLOSURE
- 16. ROOF TERRACE

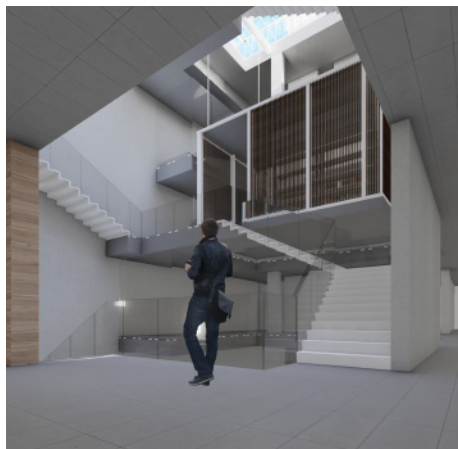




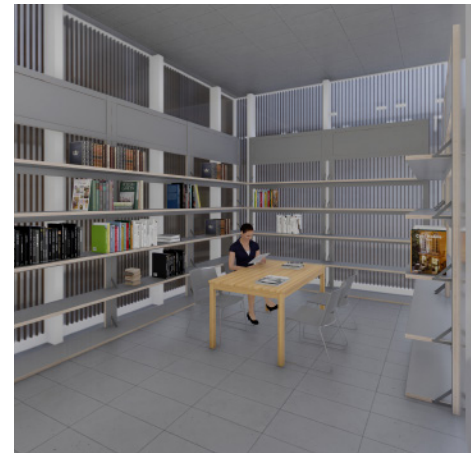
1| Building Sections



2| Render - Interior Courtyard



3| Render - Interior View of Floating Library



4| Render - Floating Library

## COMMUNITY HIERACHY

An idea of a floating library supported the narrative of placing hierarchy on the accumulation of knowledge. Within our building, it was important for us to provide the spaces necessary for such. Section drawings showcase the interior central position of the library in connection to the central atrium and surrounding spaces. Renders showcase proposed material conditions and scale of these intimate, residential spaces. In the intent of connection to place, through angled balconies that frame a viewpoint of the waterfront, we wanted to create visual connections to the surrounding Embarcadero area. We were able to reinterpret the contextual reference of the bay window and the variety of scales of the residential housing across the street, the Embarcadero Square. The balconies stem from both units and shared spaces. All balconies come with a series of interior and exterior wooden louvers to allow for shade and privacy. Some balconies, however, are connected to their neighboring units to influence additional social connections between the scholars.

# MEMORY AND MEMORIALIZATION IN SARAJEVO: *Through the Lens of Diaspora*

Sarajevo, Bosnia and Herzegovina *Fall 2020-SPRING 2022*

Chair: Professor Donna Cohen

Co-Chair: Professor Sarah Gamble

## PROJECT IN LIEU OF THESIS

### INTENT:

**Memorializing** the Siege of Sarajevo  
**Commemorating** historical Vraca Memorial site and its historical implications  
**Honoring** victims and heroes of the ethnically mixed history of Sarajevo  
**Fostering** community space through programs on the site

### PROGRAMS:

#### MUSEUM

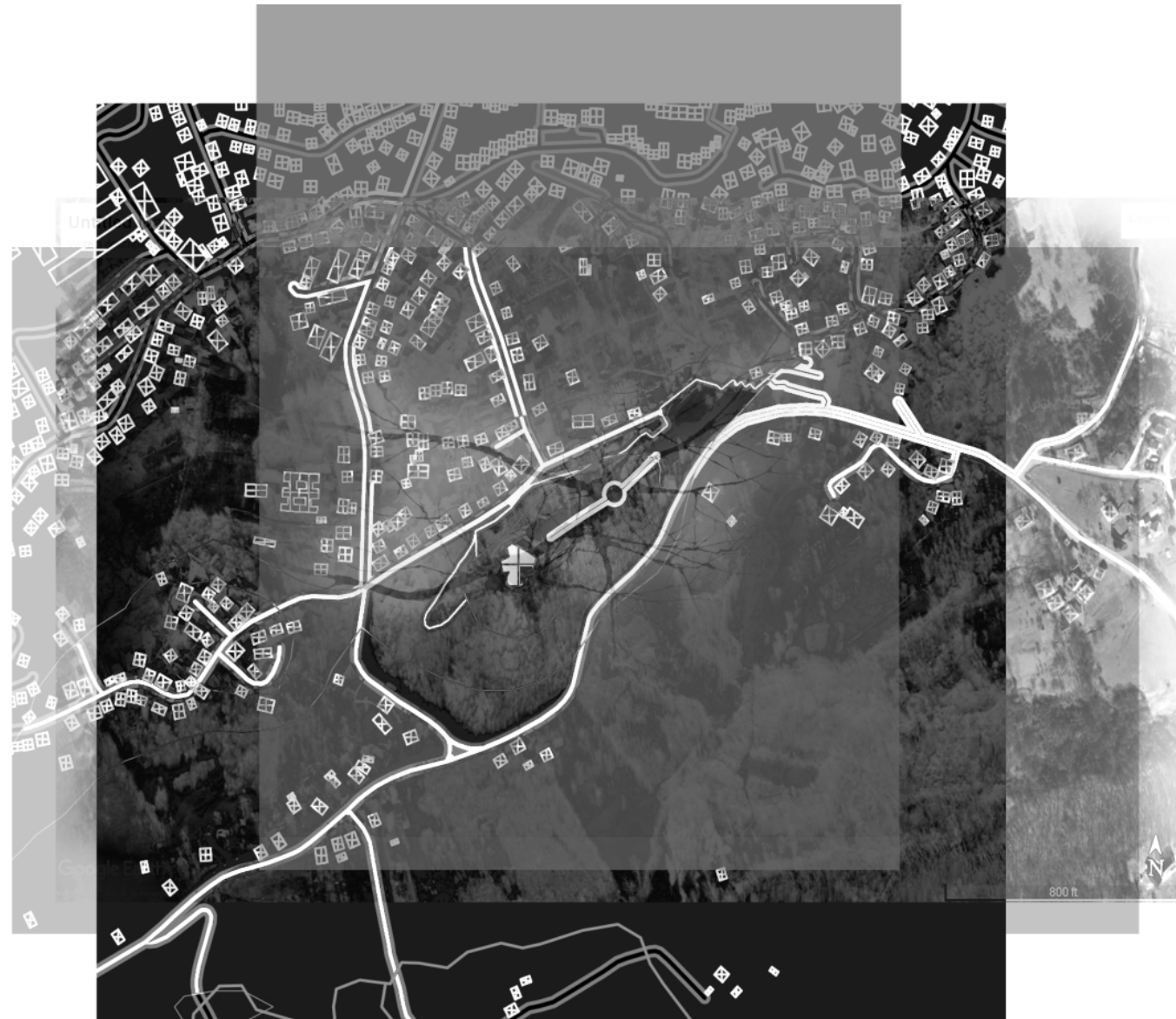
- Exhibition space to hold travelling installations
- "in memory of the past"

#### TUNNEL

- Interactive landscape corridor connecting museum to tower
- "in reflection of the past"

#### OBSERVATION TOWER

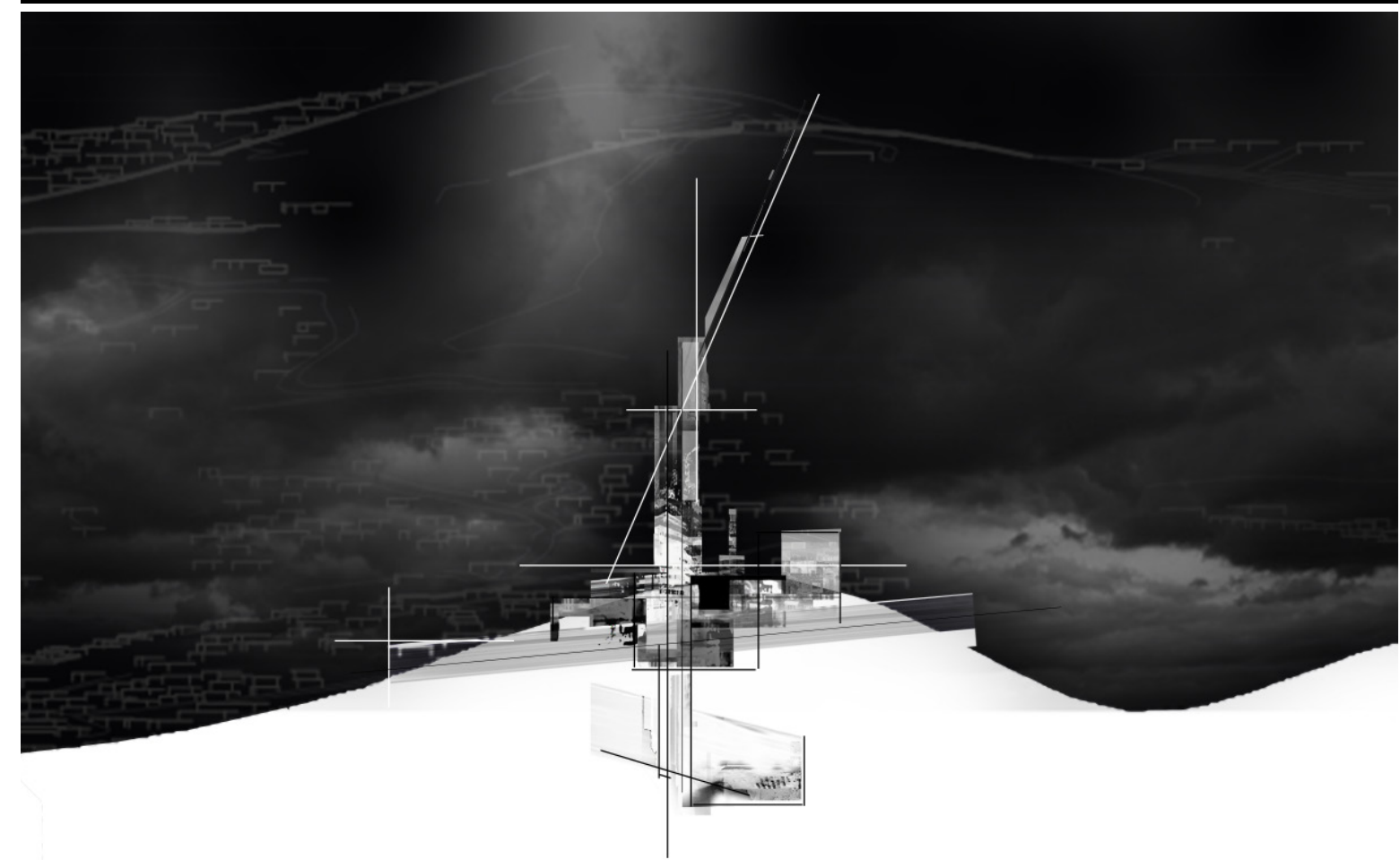
- Metaphoric dialogue of voyeurism before/after Siege:  
 What was once an attack point towards the civilians of Sarajevo is now given back to them
- "in hopes of the future"



1 Site Mapping - Connections through Site



2 Long Section Mapping



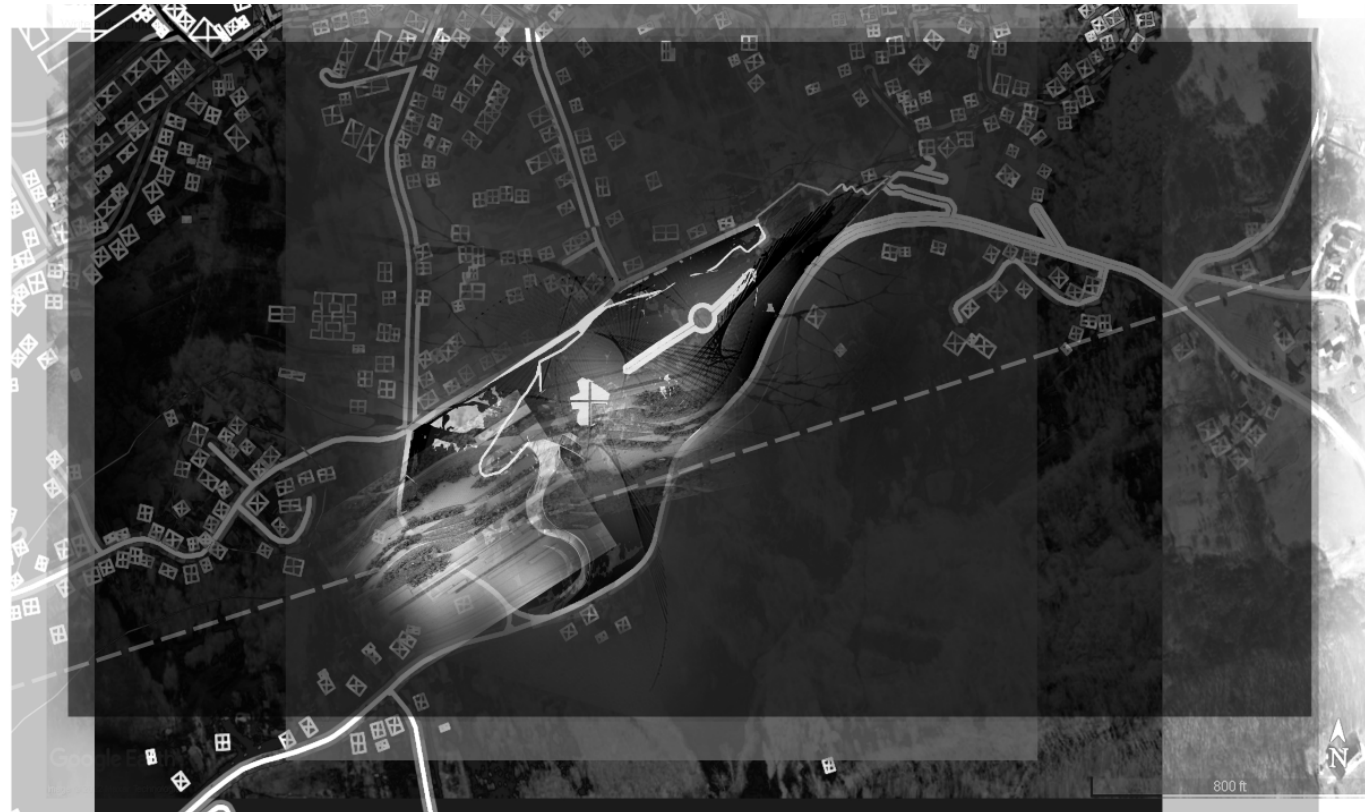
3 Short Section Mapping

1 | Photographs of Vraca Memorial Park



## SITE

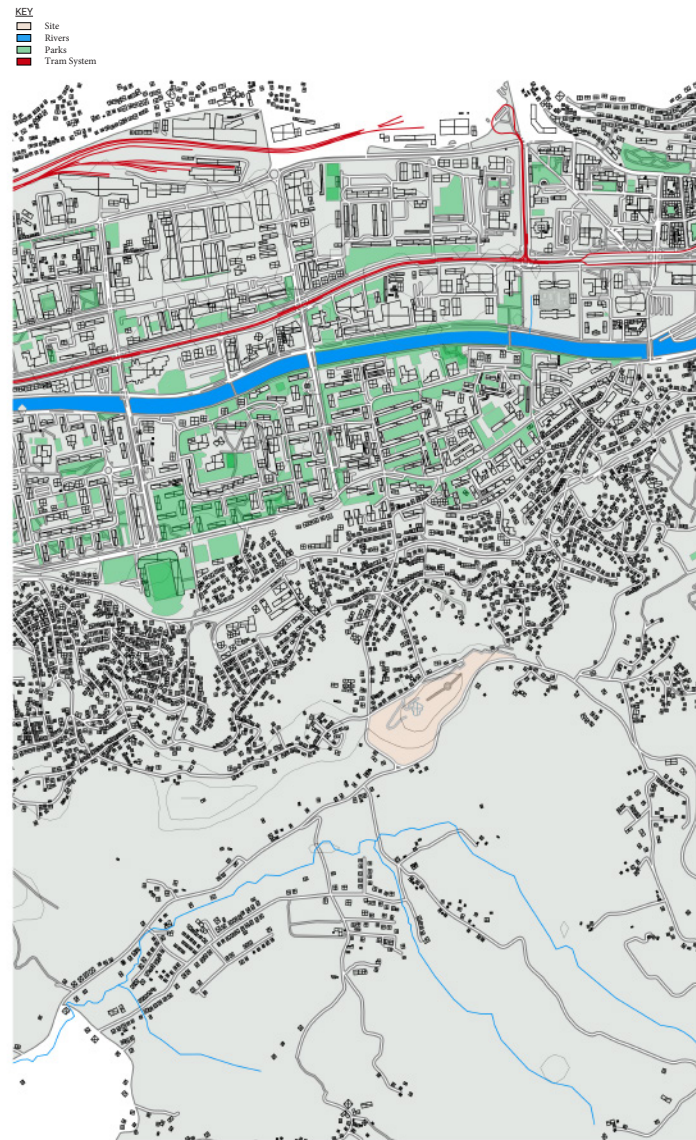
Through research of the Siege of Sarajevo, a site was uncovered. Its historical implications dates back to the creation of an Austro-Hungarian fort in 1878 at this location to create a threshold to the capital city of Sarajevo. Post WWII, in 1980, a memorial was made by the government of Sarajevo with the intention of honoring victims and celebrating the liberation of Sarajevo from Axis-Powers. The Vraca Memorial was a symbol of Sarajevo's resistance and sacrifice, however, during the Siege of Sarajevo it was used as an artillery point for the Bosnian Serbian Army, looking down onto their captured city. The vantage point was in a tactical high-position with excellent site-lines across the city for artillery and snipers. Post-Siege withdrawal of forces caused destruction of the memorial, leaving to poor present-day conditions. This location, with its historical implication and geographical vantage points, proved to be the favorable site for a proposed memorial complex.



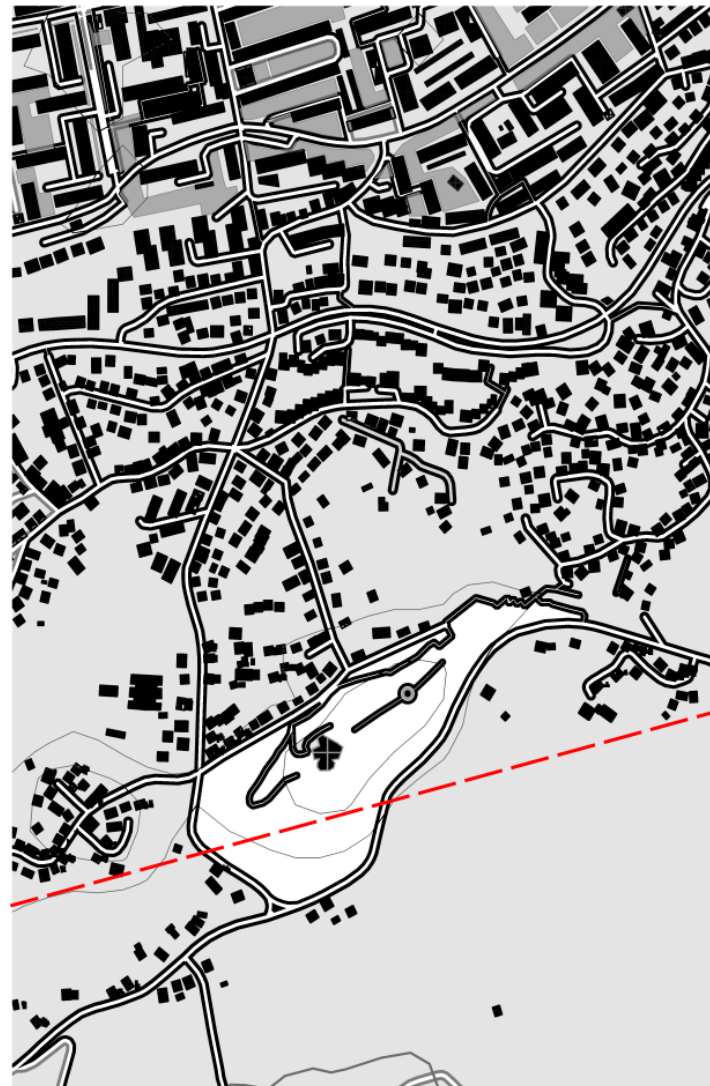
2 | Site Mapping - Site in Proximity to Community



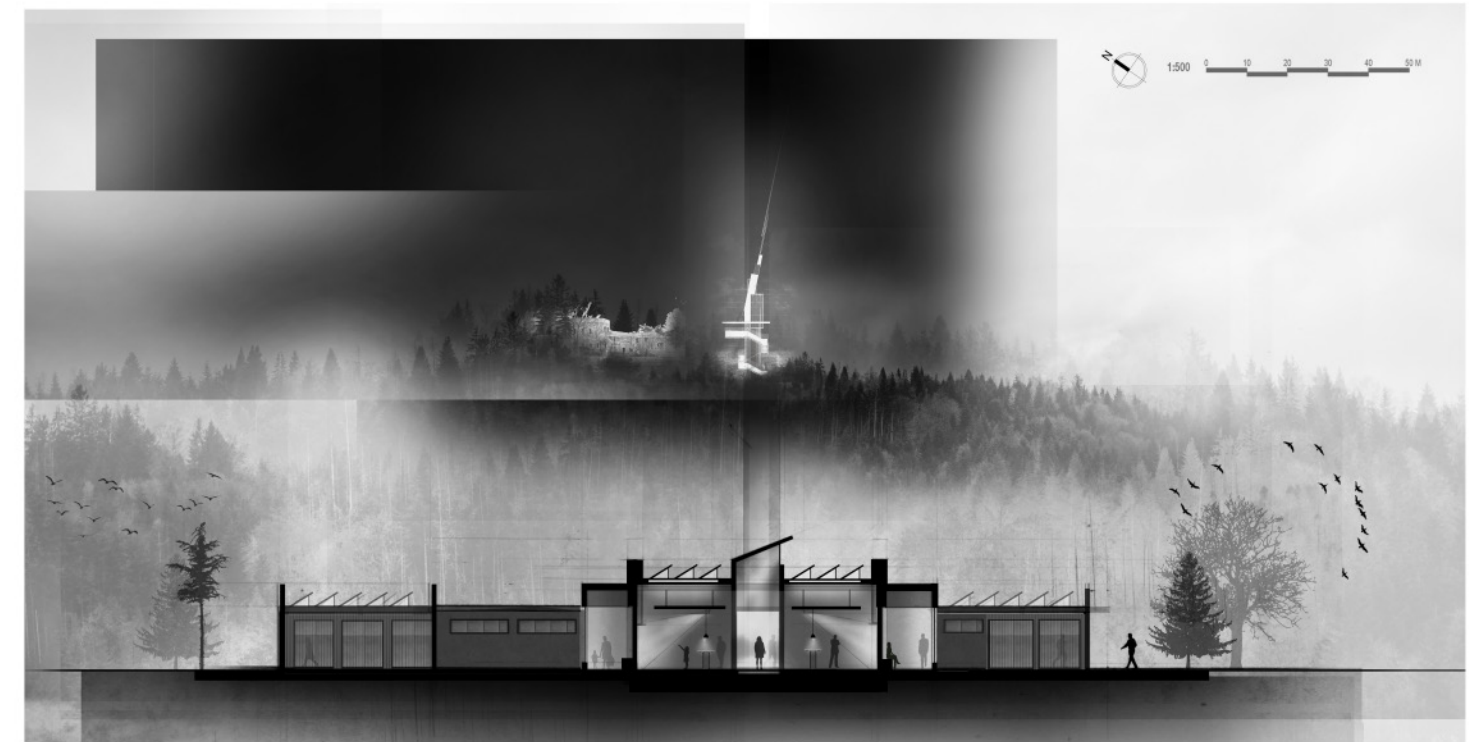
1 | Site Plan - Prexisting Memorial Conditions + Proposed Interjections of Museum, Tunnel, and Tower



1| Site Mapping - Proximity to Public Spaces



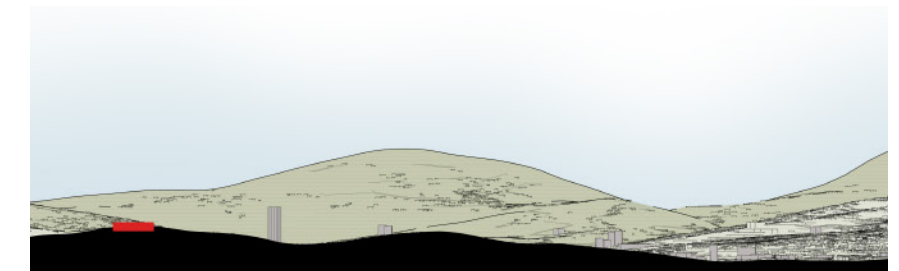
2| Site Map - Inter-Entity Boundary Line through Site



1| Short Section + Elevation: Museum connection to Tower

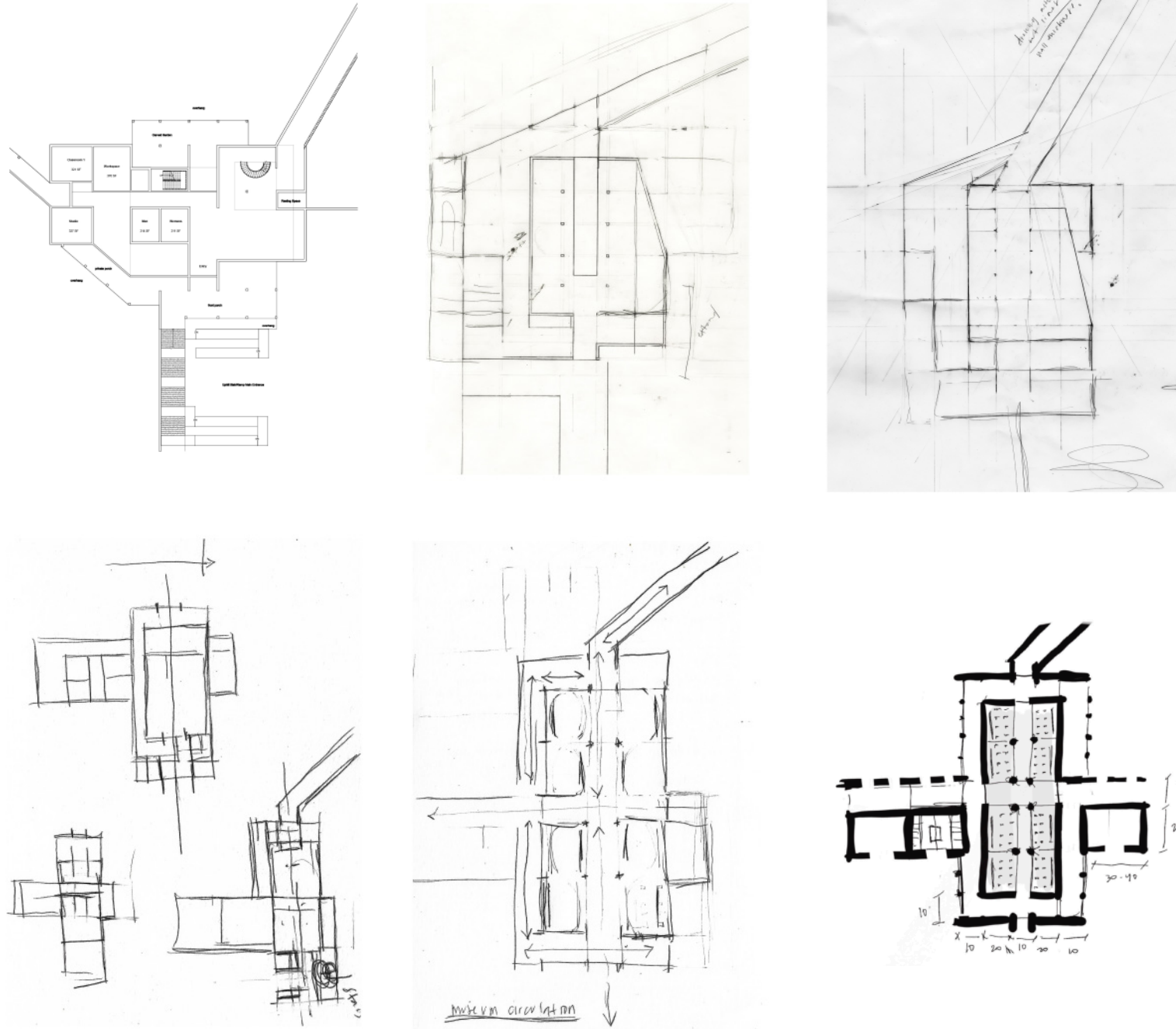
### PROGRAM

The program of the proposed memorial complex is composed of three components: Museum, Tunnel, and Tower. These proposed elements interject within the original site conditions in order to foster additional future community spaces in terms of memory and memorialization. Flexible Museum spaces offer program to inform visitors of the Siege of Sarajevo while leaving flexible room for community events. The tunnel connects the museum through the landscape of the site to the observation tower. This tunnel offers spaces for pause, rest, and connection to the landscape and its historical importance. The observation tower offers vantage points of the city, free from surrounding foliage of the landscape. The sculptural component of the tower reaches above, in homage to surrounding towers and in hopes of a shared future of Sarajevo.



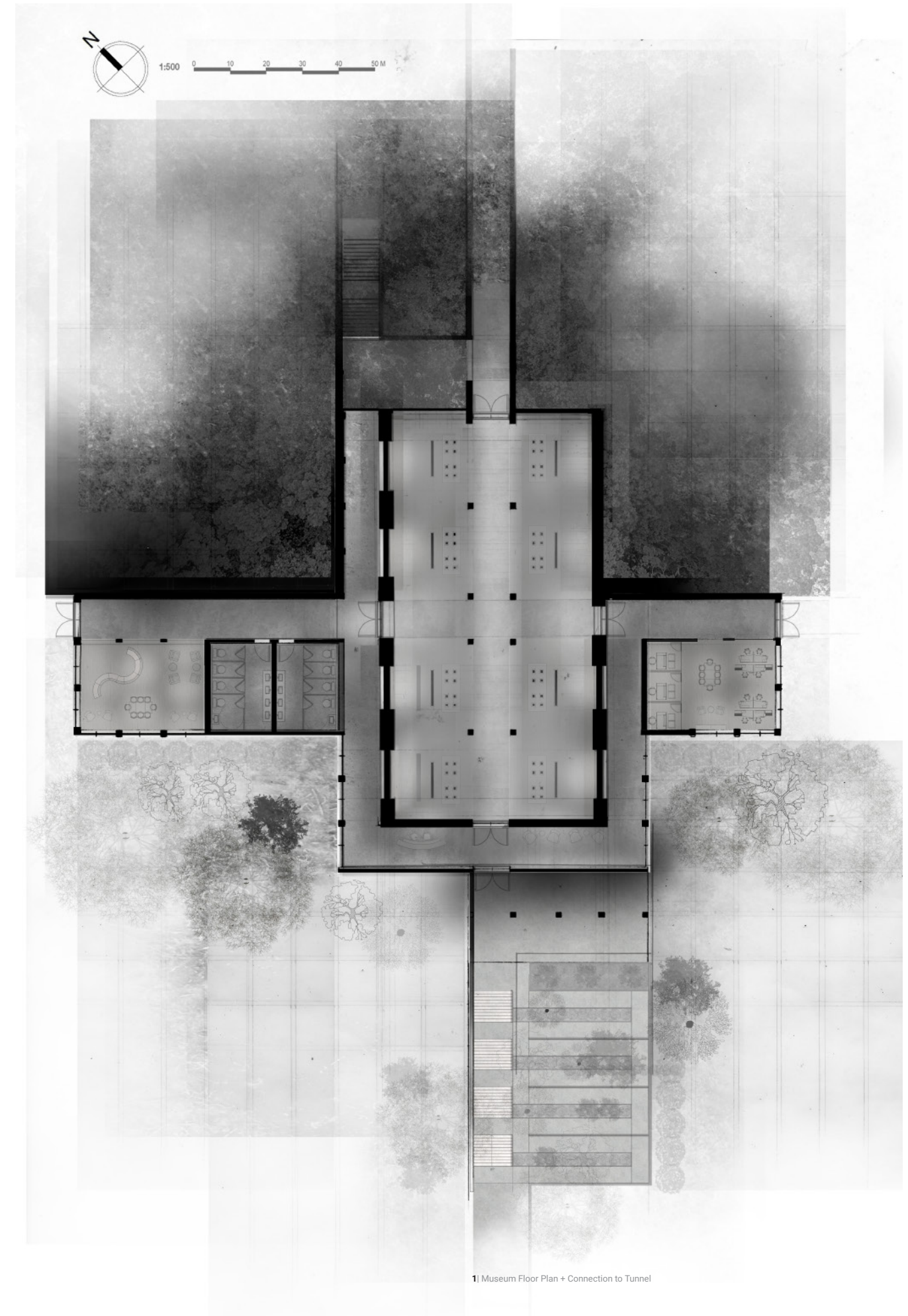
2| Site Sections - Topography of Site + In Proximity to City

1| Plan Process Sketches



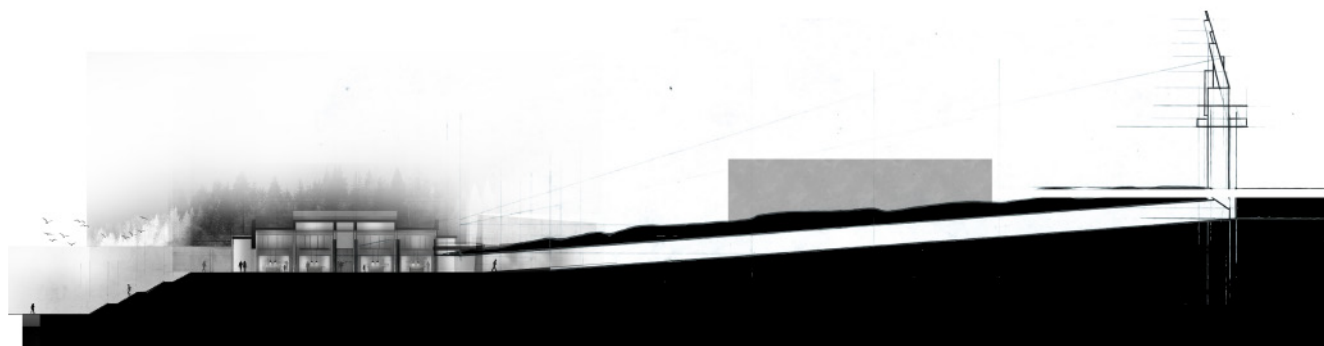
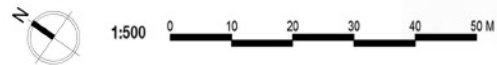
## MUSEUM

The key central space of the museum is the exhibition space in which its symmetry and axis was to directly relate to the tunnel and tower. Earlier studies showcase the wrestling of scale of exhibition space and the supporting community programs of space. I viewed the museum as a procession with a monumental approach towards the entrance, the breakdown of scale within the exhibition space, and the threshold of tunnel. This section through the museum space showcases the way in which the museum welcomes light and the systems to support projection-like exhibitions. The walls of the museum were carved to welcome space for projection and to serve as seating areas in circulation spaces. The scale of the exhibition space is comprised of projection wall spaces and associated exhibition pedestal displays holding "tokens" of information coinciding with the projected material.



1| Museum Floor Plan + Connection to Tunnel

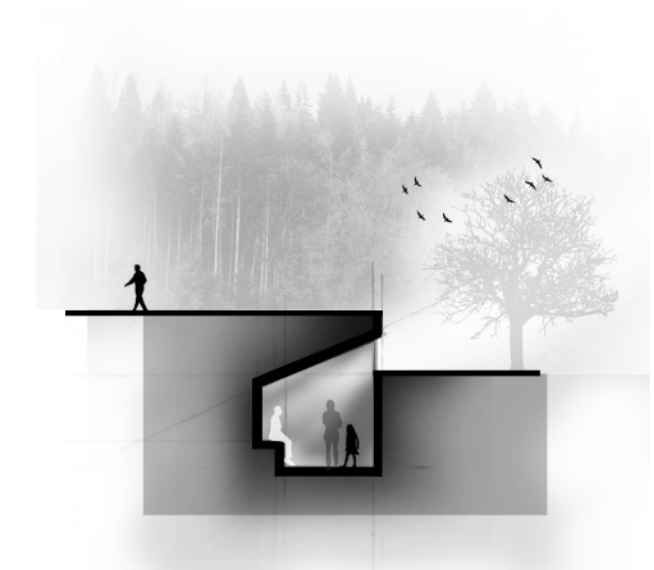
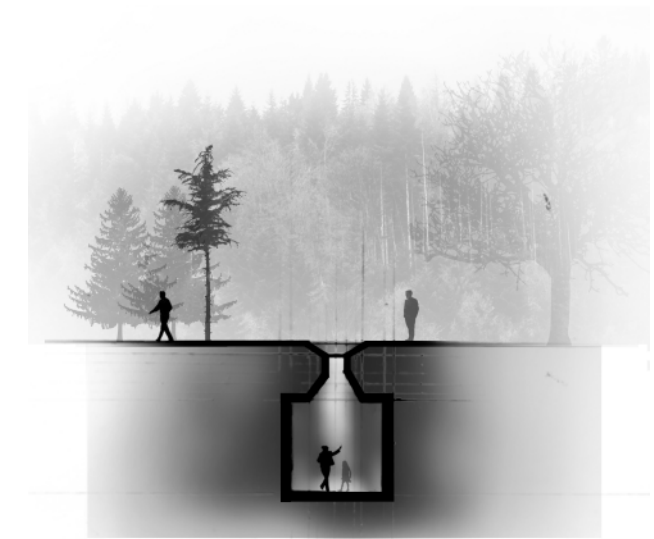
1 | Long Section: Museum connection to Tunnel



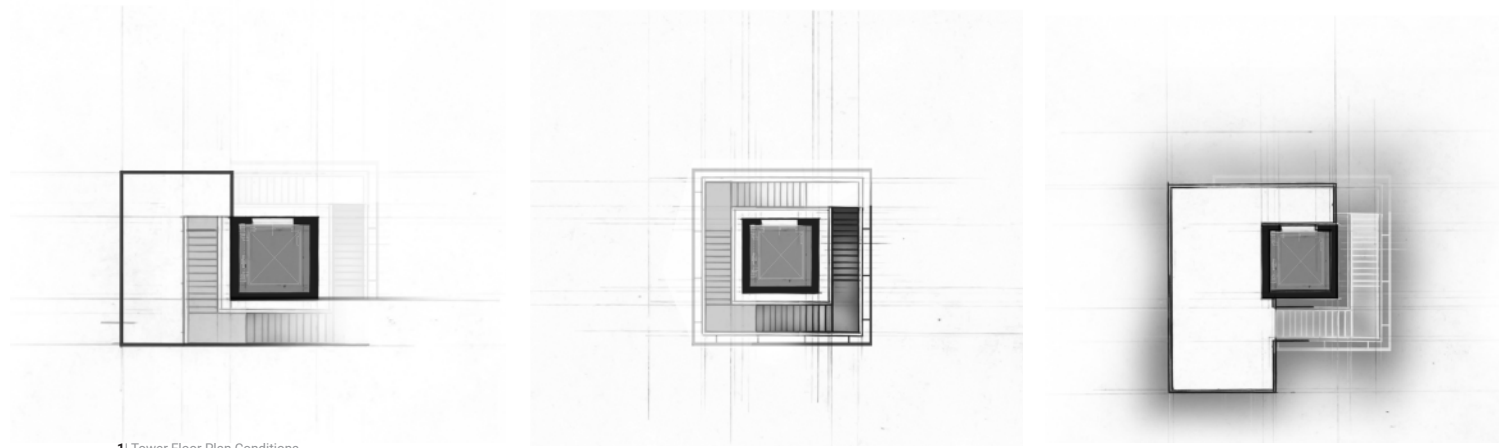
2 | Site Section: Museum Connection to Tower

## TUNNEL

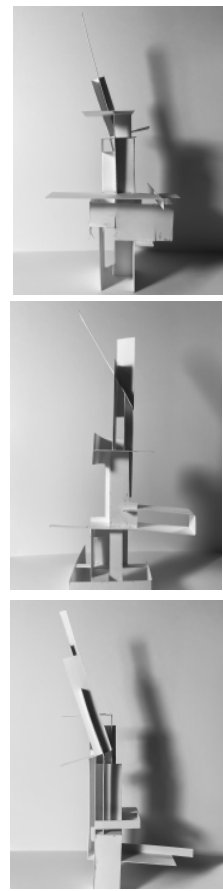
The tunnel is situated within and below the topography. I was interested in the ways in which light could accommodate the procession and how resting spaces of pause could be integrated. Given the unique topography of the site and history within it, it was interesting to think of spaces in which people can become part of the topography. Places of pause and connection to the above gives moments of thoughtful interludes throughout the journey.



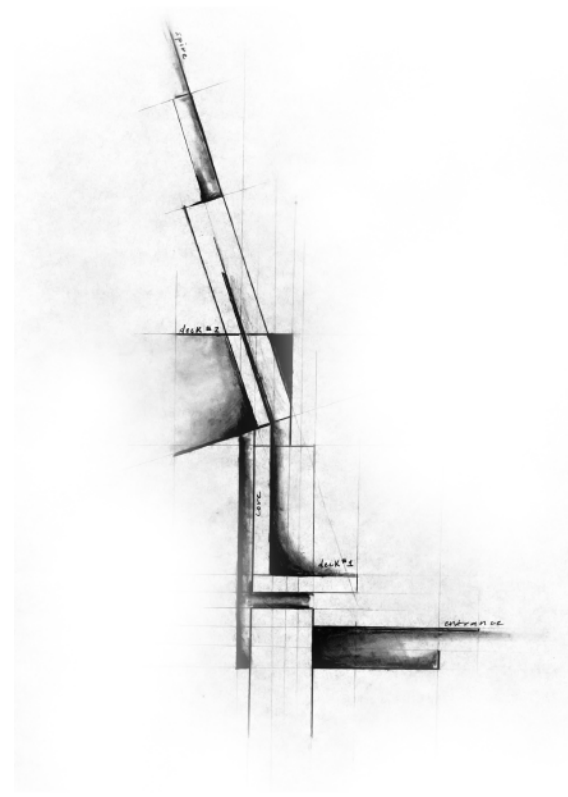
1 | Tunnel Section Conditions



1 | Tower Floor Plan Conditions



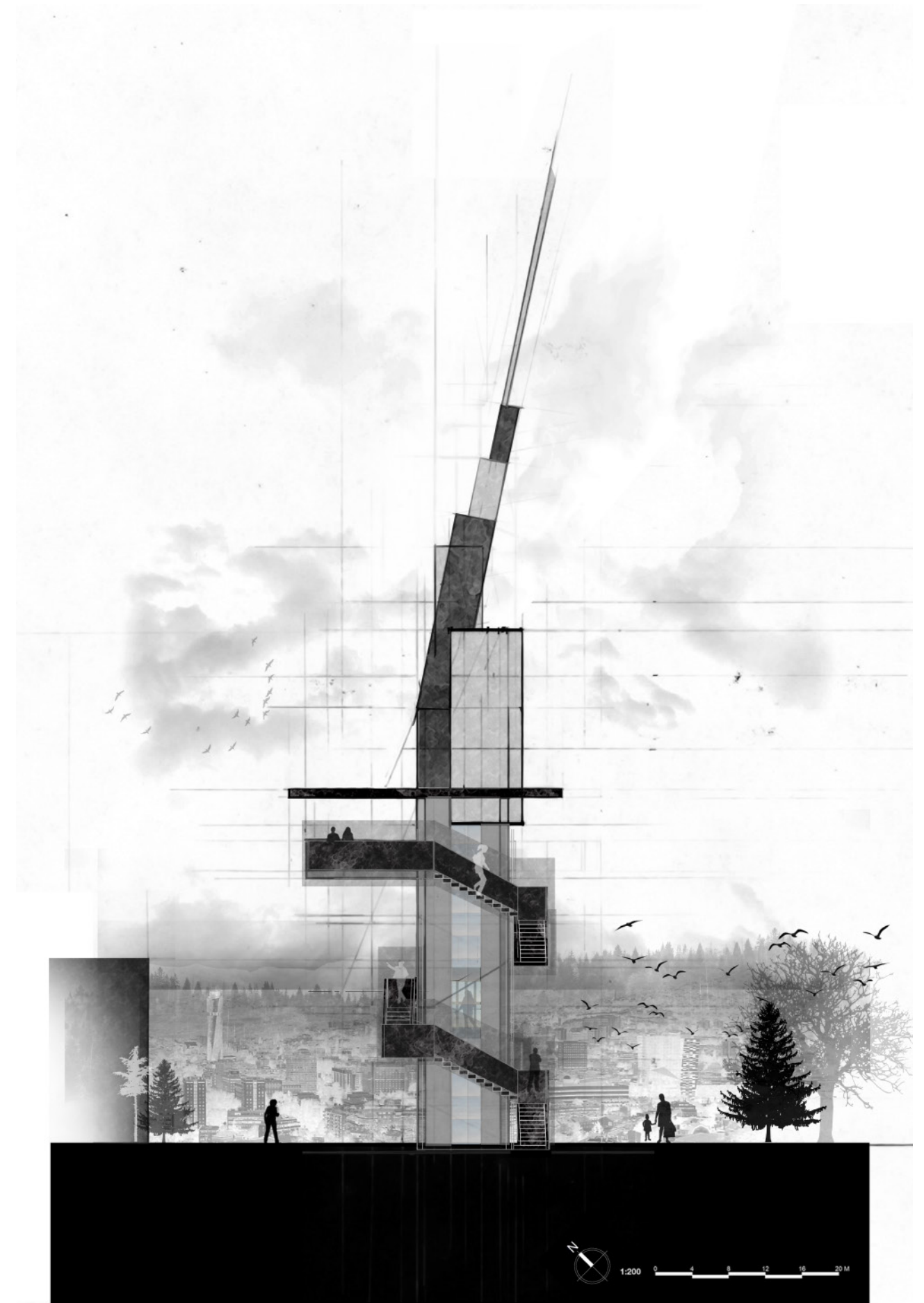
2 | Tower - Process Physical Models



3 | Process Tower Sketch

## TOWER

Earlier studies of tower were comprised of an interest in an observation space and a cultural gesture to above and beyond. The floorplans showcase a story in which a wrapping stair system accommodates experience and accessibility with the elevator being the central and structural component. The observation deck is placed 30' above ground with direct vantage points of the pre-existing fort and memorial and to Sarajevo beyond. The accessible portion of tower is limited to the first half and the rest are gestural displays in homage of memorial in the country and the question of beyond.



1 | Tower Elevation

## PROFESSIONAL WORK

BSB Design - Safety Harbor, Florida

April 2020 - November 2020: Architectural Drafter  
November 2020-April 2022: Intern Architect

Full-Time  
Part-Time

In-Office: April 2020-August 2021  
Remote: August 2021-April 2022



3) Floor Plan Rendering for Heritage: Marketing Purposes

## GRAPHICS

### MARKETING FOR CLIENTS

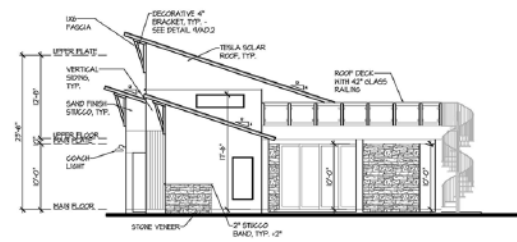
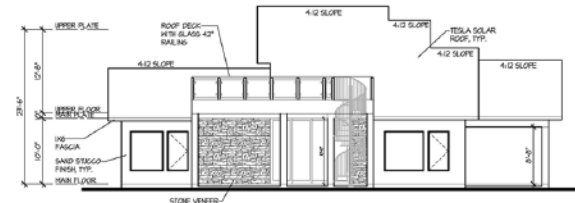
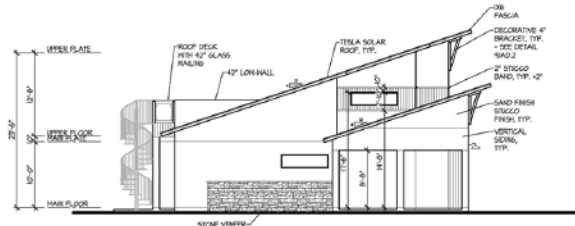
Expressing visual and graphic capabilities through the form of marketing materials for clients. Client-requested graphics for varying projects, ranging from single-family streetscapes for permit proposals to floor-plan renderings for buyer home selection. Offering services for re-occurring clients including projects in which BSB Design did not produce. Likeness of graphics much to individual style and interpretation while serving as the main employee producing graphics in the office.



1) Clubhouse - Post-Production Photoshop Edit made for Mentor, Director of Design in Chicago - Jeff Mulcrone



2) Streetscape for Landsmith - Cross Roads: Material and Color Selections for Marketing Purposes

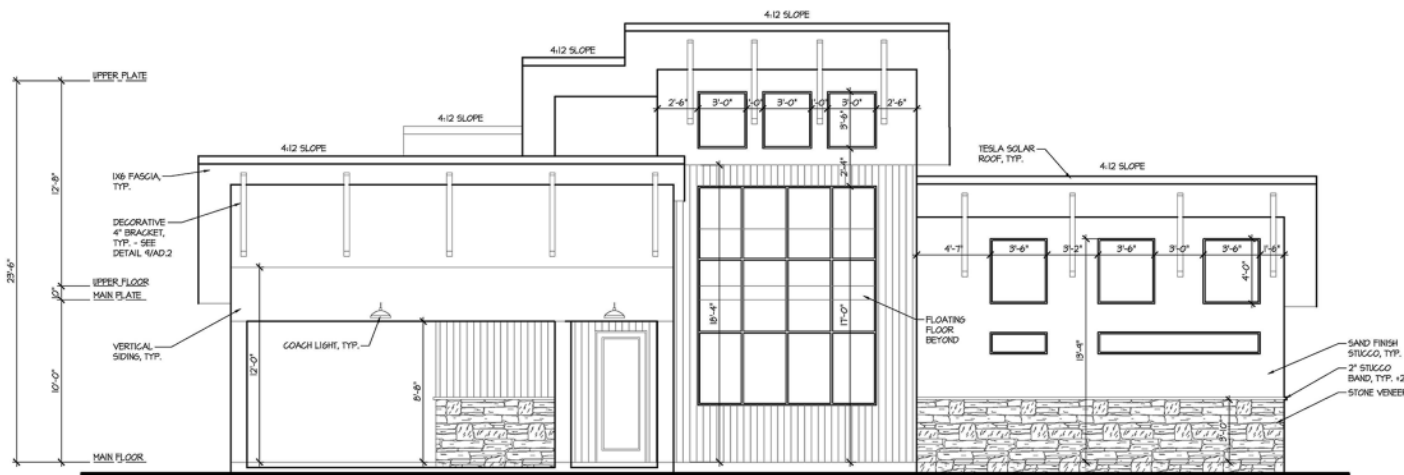


1 | Elevations - Sides + Rear

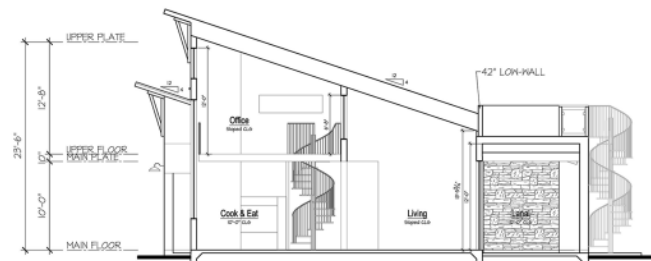
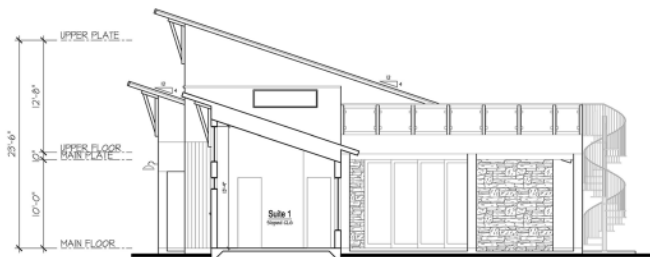
# CONSTRUCTION DOCUMENTS

HICKOK GUEST HOUSE St. Cloud, Florida - USA  
 Architect - Designer: Ed Binkley  
 Role: Construction Documents

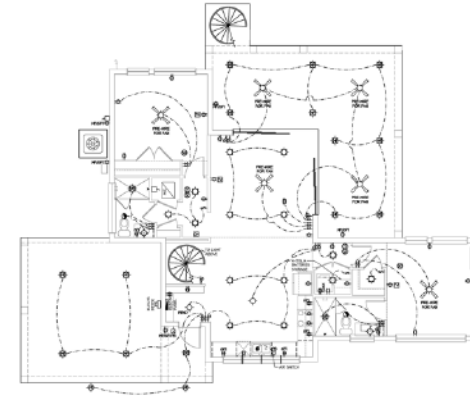
SQUARE FOOTAGES	
MAIN FLOOR LIVING	1282
OFFICE	215
TOTAL LIVING	1497
CARPORT & ENTRY	462
LANAI	549
ROOF DECK	511



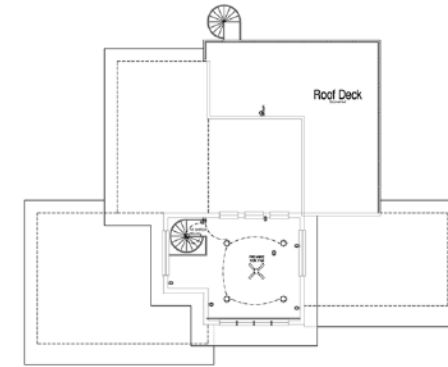
2 | Front Elevations



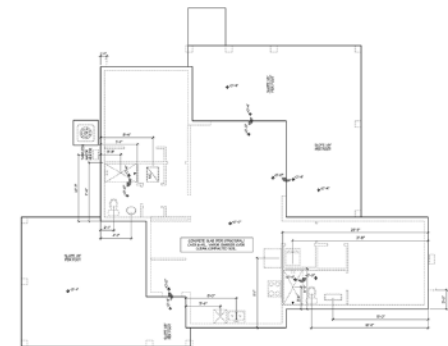
3 | Building Sections



1 | Electrical Plans



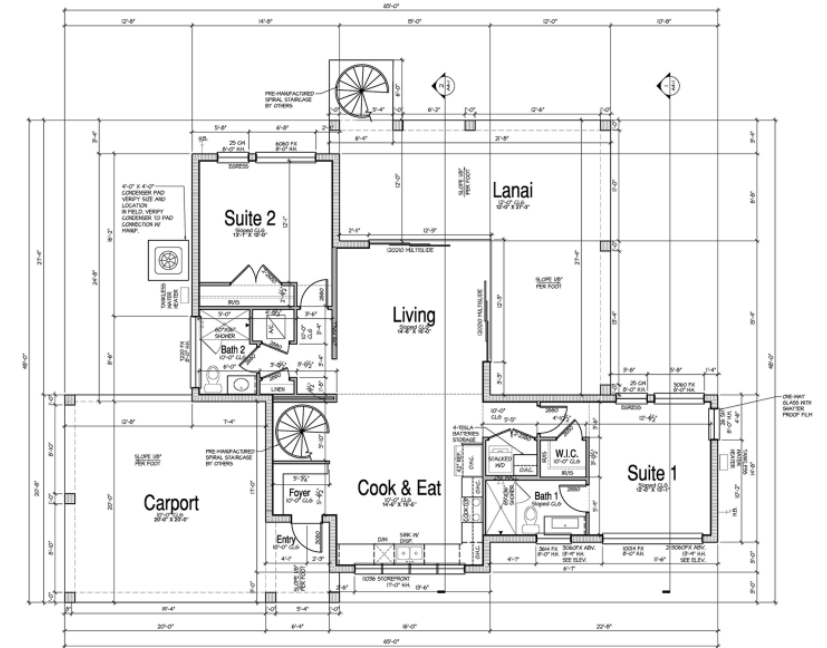
2 | Plumbing Dimension Plan



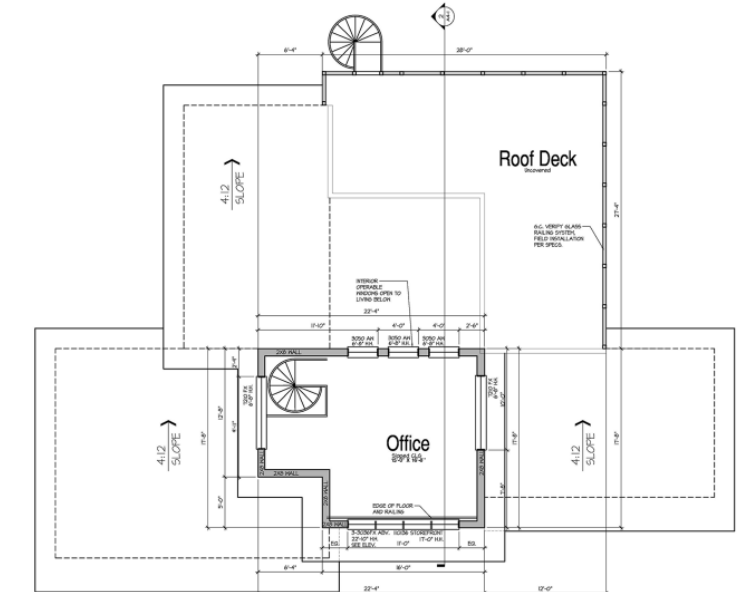
2 | Roof Plan

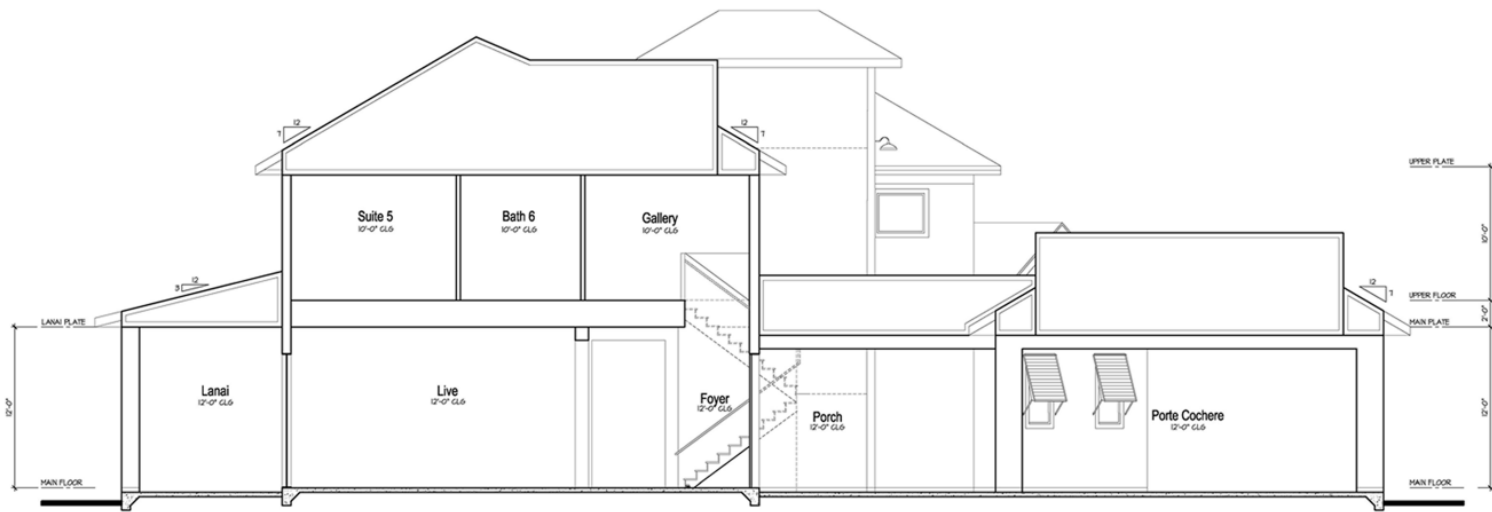
## SINGLE-FAMILY CUSTOM

Showcasing experience in Construction Documents requiring Plumbing, Floor Plan, Elevation, Electrical, Roof, and Building Section drawings. Project showcased is a custom guest home for the Hickock Residence of St. Cloud, Florida. Responsibility included Construction Documents in which challenges of roof slant and structural components provided room for growth. Drawings showcase knowledge of information necessary for permitting per local conditions.



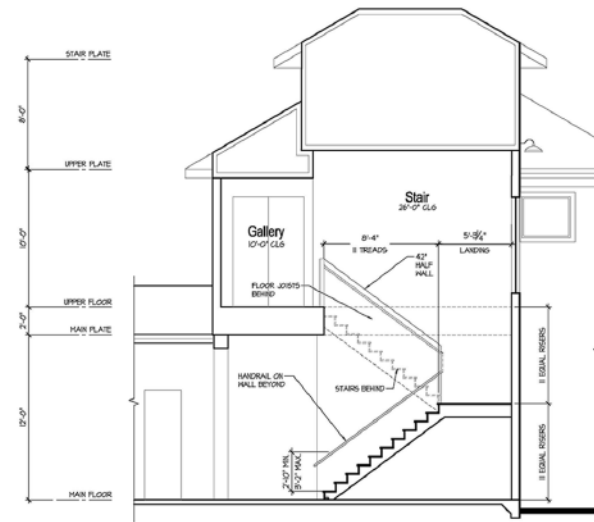
3 | Main and Upper Floor Plans





2 Building Sections

SQUARE FOOTAGES	
MAIN FLOOR LIVING	4256
UPPER FLOOR LIVING	2329
TOTAL LIVING	6584
GARAGE	763
POOR PORCH	133
POOR PORCH	39
LANAI & OUTDOOR KITCHEN	184
POOR COCHERE	360
TOTAL NON AG.	2406
TOTAL AG. & NON AG.	8990

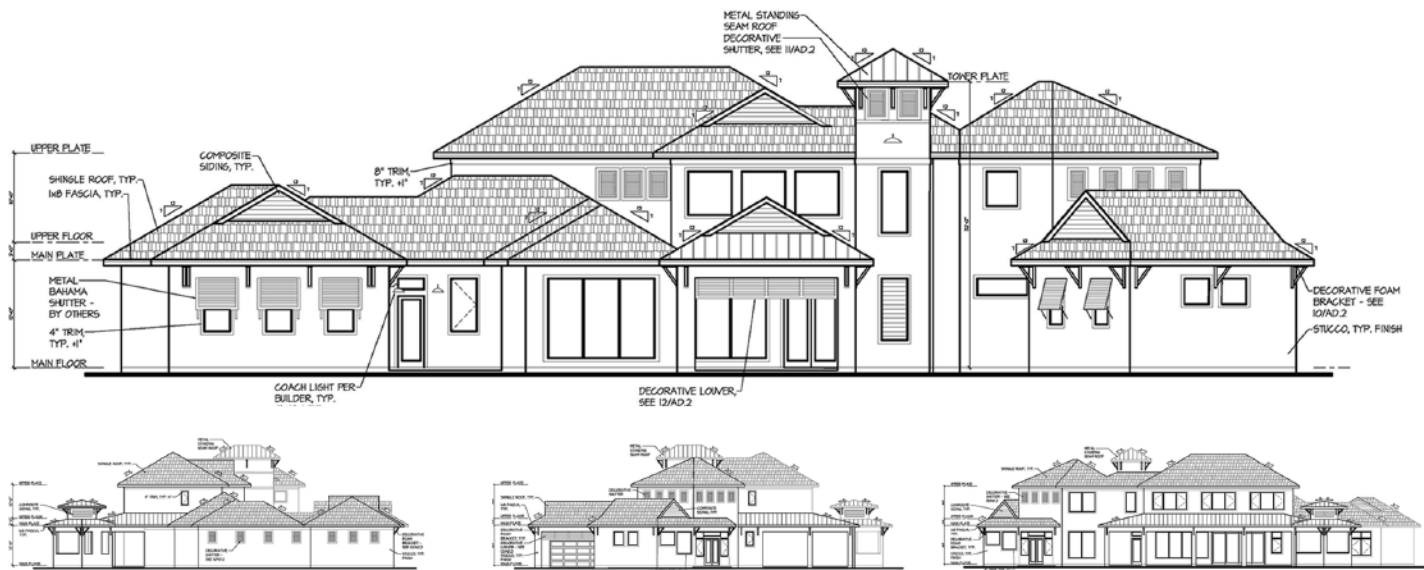


### LUXURY SINGLE-FAMILY RESIDENTIAL

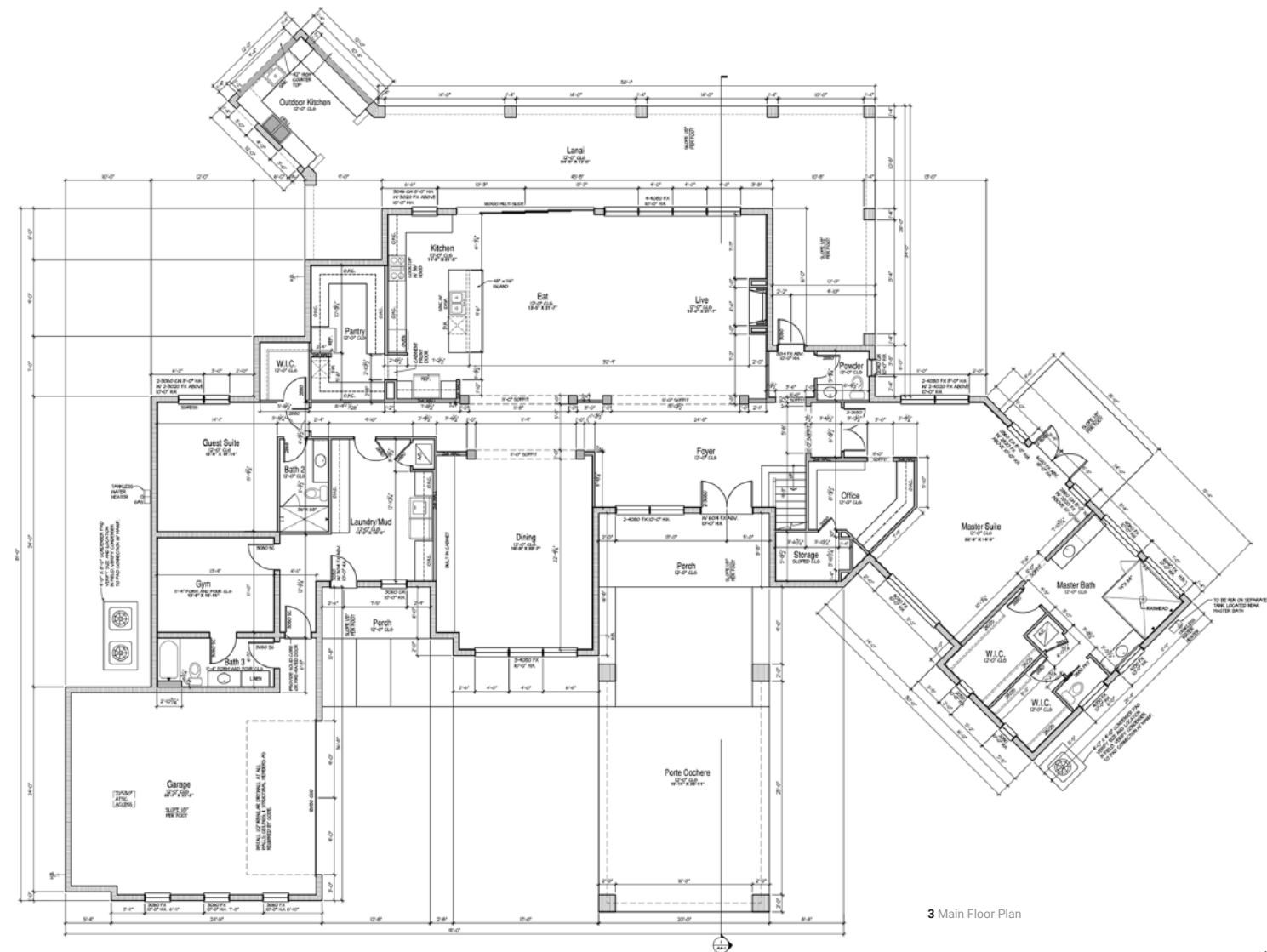
Scale of projects worked on range from all scales of Single-Family Residential to Townhome and Apartment Projects. The project shown is the Tattoli Residence of St. Cloud, Florida in responsibility of Construction Documents. Scale of project determined the intensity of the wall sections to showcase egress and structural system connections.

## SCALE

TATTOLI RESIDENCE St. Cloud, Florida - USA  
 Architect - Designer: Ed Binkley  
 Role: Design Development + Construction Documents

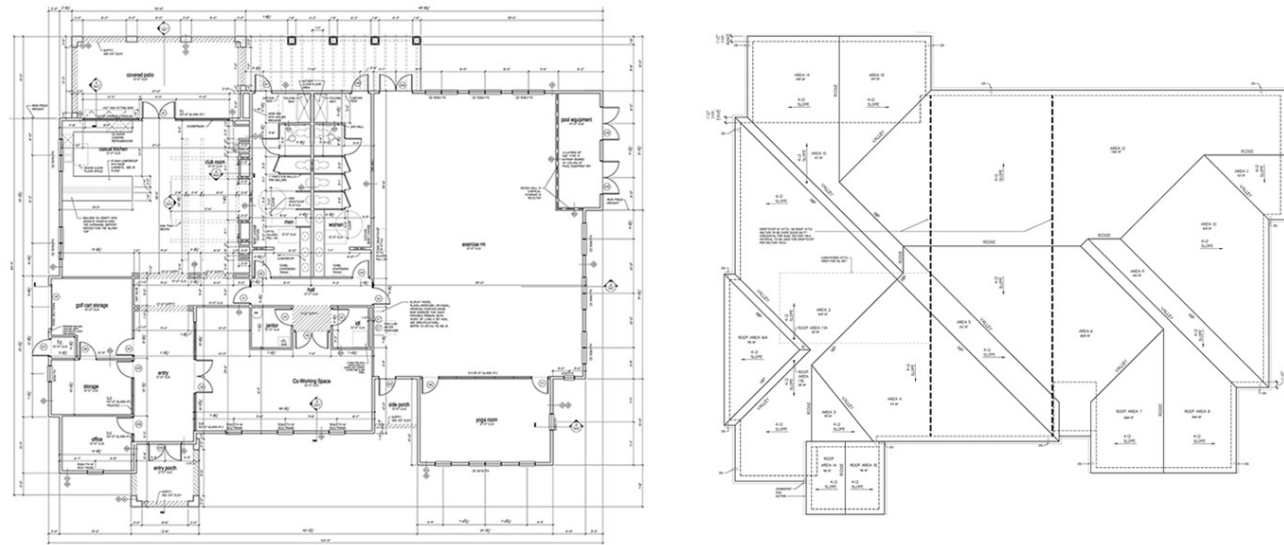


1 Elevations - Front + Sides + Rear



3 Main Floor Plan

1 | Main Floor Plan + Roof Plan



2 | New Elevation Proposal - Designer by Michael Crocker

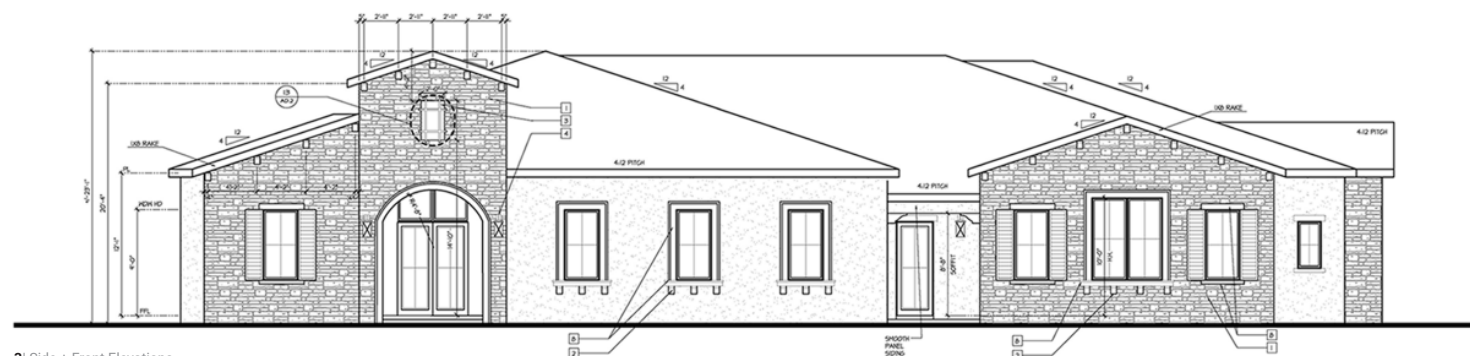
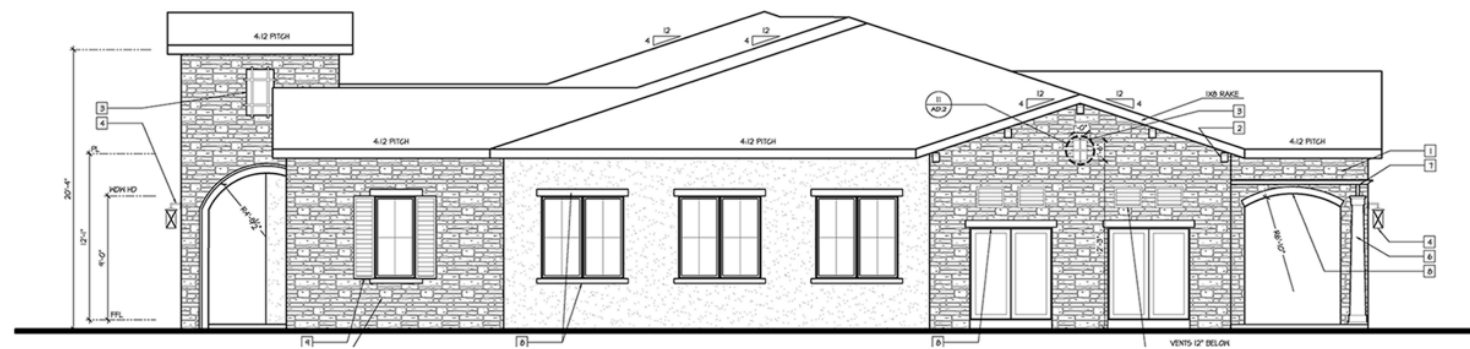
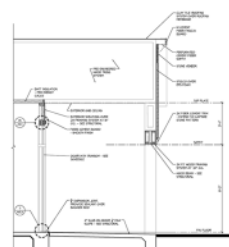
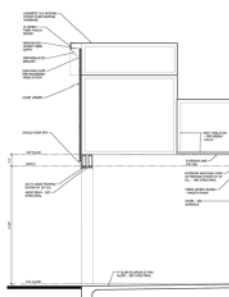
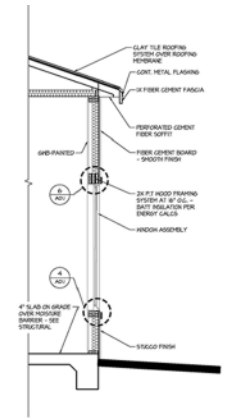
SQUARE FOOTAGES	
MAIN FLOOR LIVING	5774
TOTAL LIVING (AVG)	5774
ENTRY PORCH	254
SIDE PORCH	71
POOL EQUIPMENT STORAGE	177
COVERED PATIO	300
GOLF CART STORAGE	228
<b>TOTAL</b>	<b>6604</b>

## RANGE

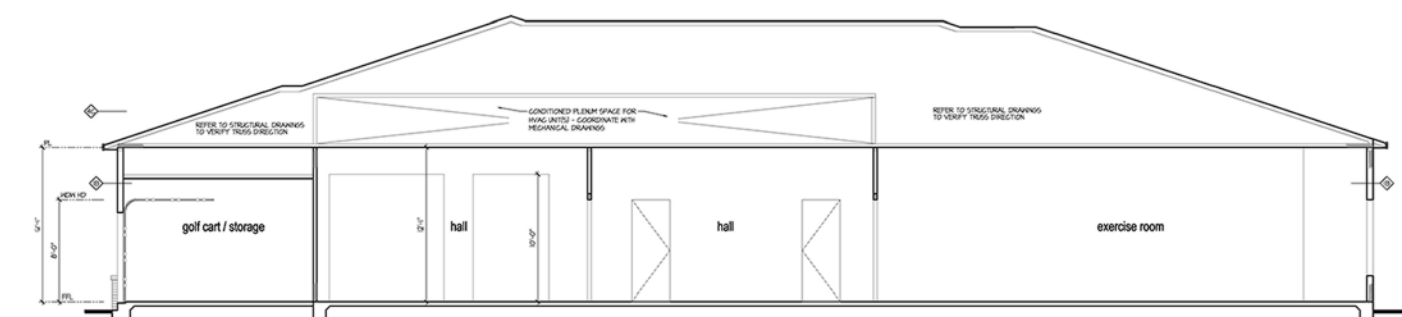
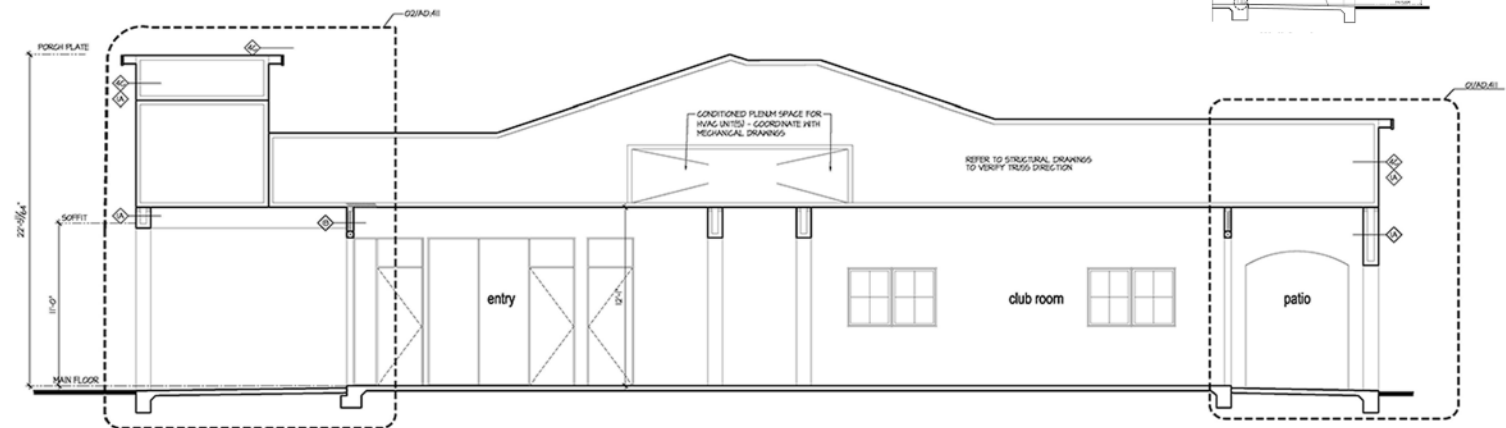
MOUNTAINS EDGE TIER 5 AMENITY BUILDING *Las Vegas, Nevada - USA*  
 Architect - Designer: Michael Crocker  
 Role: Design Development + Construction Documents

## BUILDING SECTIONS

Showcasing knowledge of material and structural systems through building and wall sections. These drawings range from varying projects such as single-family homes to amenity buildings. The locations of projects range from the South-East to Southwest, resulting in various changes to wall systems. The project showcased, Mountain's Edge, was a re-design of a pre-existing clubhouse elevation. The elevation was redesigned to fit into the context of Las Vegas, Nevada. Changes occurred in not only the elevation, but floor plans, roof plans, and wall sections. Role on the project was to reinterpret Designer's Sketch-Up elevation into the phases of Design Development and Construction Documents.



3 | Side + Front Elevations



1 | Building Sections

