

# Thomas Tierney

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## University of Miami, B.arch (May 2025)

I grew up in **Boynton Beach, Florida**, shaped by the tensions between rapid development and the resilience of the coastal landscape. This experience has led to my interest in **single-family design**, where the careful shaping of material, light, and movement creates spaces with lasting character.

I am drawn to architecture that unfolds through sequence and section, revealing moments of **richness within the rhythms of everyday life**. I believe a home should respond to its climate, culture, and context, offering not just shelter but a setting for daily rituals to become quietly meaningful.

## Education:

### B. Architecture

University of Miami  
2022 - 2025  
GPA: 3.4

### A.A Architecture

Palm Beach State College  
2018 - 2021  
GPA: 3.4

### High School

Park Vista Community H.S  
2013-2017 (Medical Academy)

## Experience:

### Work:

#### Formans Assistant

Pomeroy Electric -Deerfield Beach, FL  
*August 2019 - Current*

Electrical contractor managing daily tasks, weekly punch lists, materials, setting daily goals, and completing RFIs.

#### Civil Engineering Intern

URBN Design Group - North Miami, FL  
*April 2023 - December 2023*

Early stage: preparatory tasks, Zoning Analysis, Due Diligence Reports, Feasibility Reports, and Economic Impact Analysis.

#### Catering Manager

Panera Bread - Tallahassee, FL  
*August 2019 - September 2020*

Experienced in coordinating, executing, and promoting large catering orders with precision and professionalism.

## Skills:

### Digital:

Revit25	Microsoft Suite
Autocad25	Procreate
Recap23	Rhinoceros 8
Illustrator25	Indesign25
Photoshop25	DesignBuilder

### Academic:

#### Historical Preservation

University of Miami  
*Fall 2024*

An elective focused on theory, conservation, preservation laws, and the cultural significance of heritage sites.

#### Net-Zero Fellowship

University of Miami - EXP  
*Spring 2024*

A studio focused on the implementation of Net-Zero Practices using Design Builder, Revit, and Rhino.

#### Treasurer

AIAS - Palm Beach State:  
*2021*

Managing finances, budgeting, ensuring financial transparency, and planning and organizing trips.

### Tactile:

Woodshop  
Ceramic (Handbuilding)  
3D Printing  
Hand Drawing

01 - 10

**Still Garden House** - *Country Club Prado*

11 - 18

**Unfolding Density** - *Bajan Housing*

19 - 23

**Past the *Mangle*** - *A Necropolis*

## Still Garden House

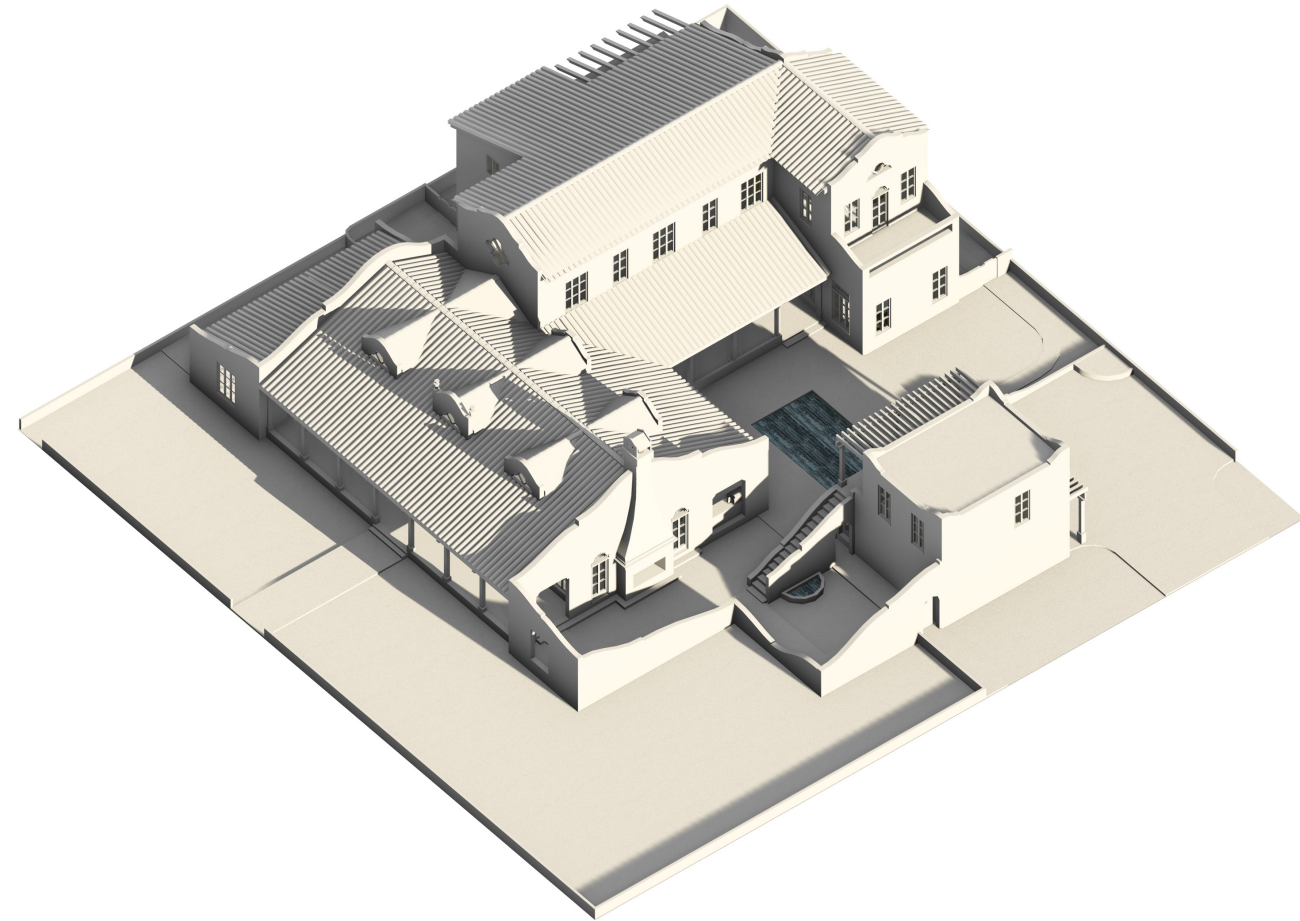
*Spring 2025 - Design 10*

Course: *Tradition and Innovation*

Faculty: Frank Martinez

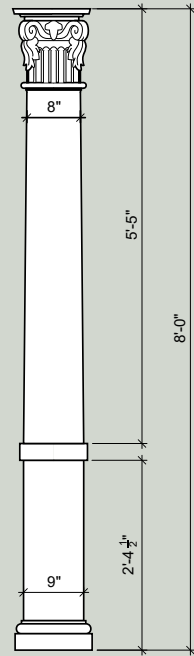
A **Mediterranean-inspired single-family home** nestled on the historic Prado in Coral Gables. Drawing from the **secret garden of Vizcaya, the mission gables of the Alamo, and the timeless designs of Walter DeGarmo**, the home reveals itself like a story, with each courtyard forming a quiet chapter. Designed in section, the house expresses itself through a tapestry of rising garden walls and lifting roofs that shape intimacy and let in light. **Circulation becomes a gentle procession through framed gardens and carefully composed thresholds, where the dynamics between one opening and another create a rhythm of movement**, framing and reframing space through deliberate spatial sequence.

As a final we went before the Board of Architects for the City of Coral Gables where my project was given Approval by the present board members.



# Precedent Study

2025 Country Club Prado  
Walter De Garmo (1925)



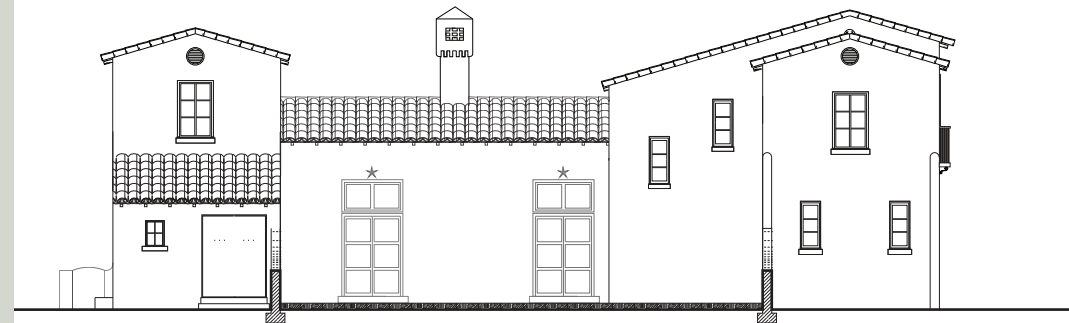
Composite Column



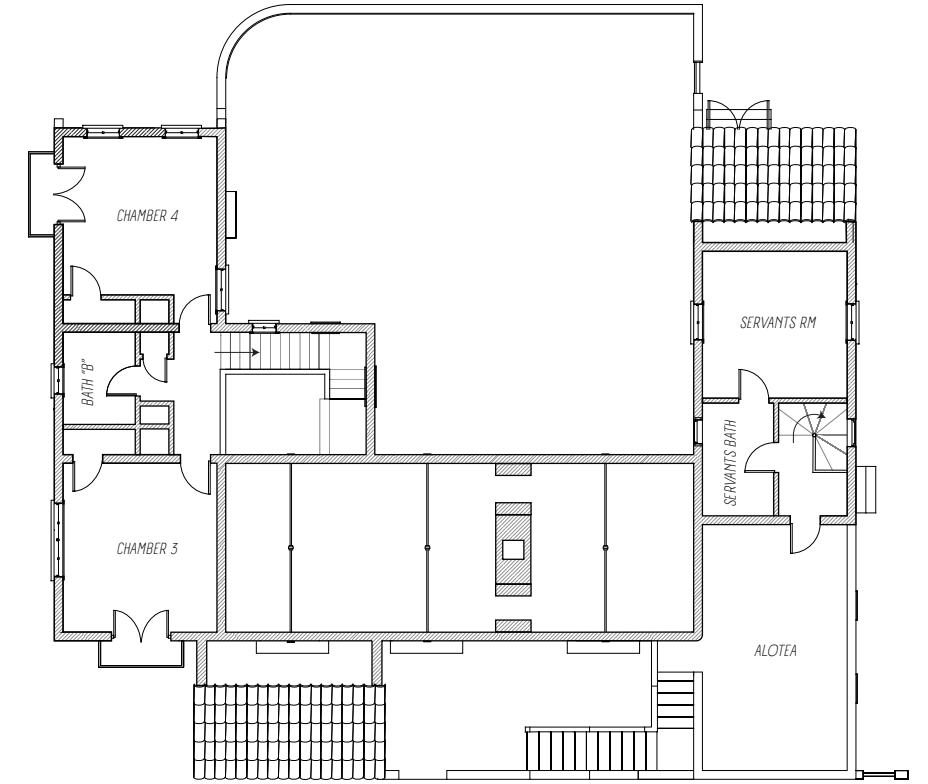
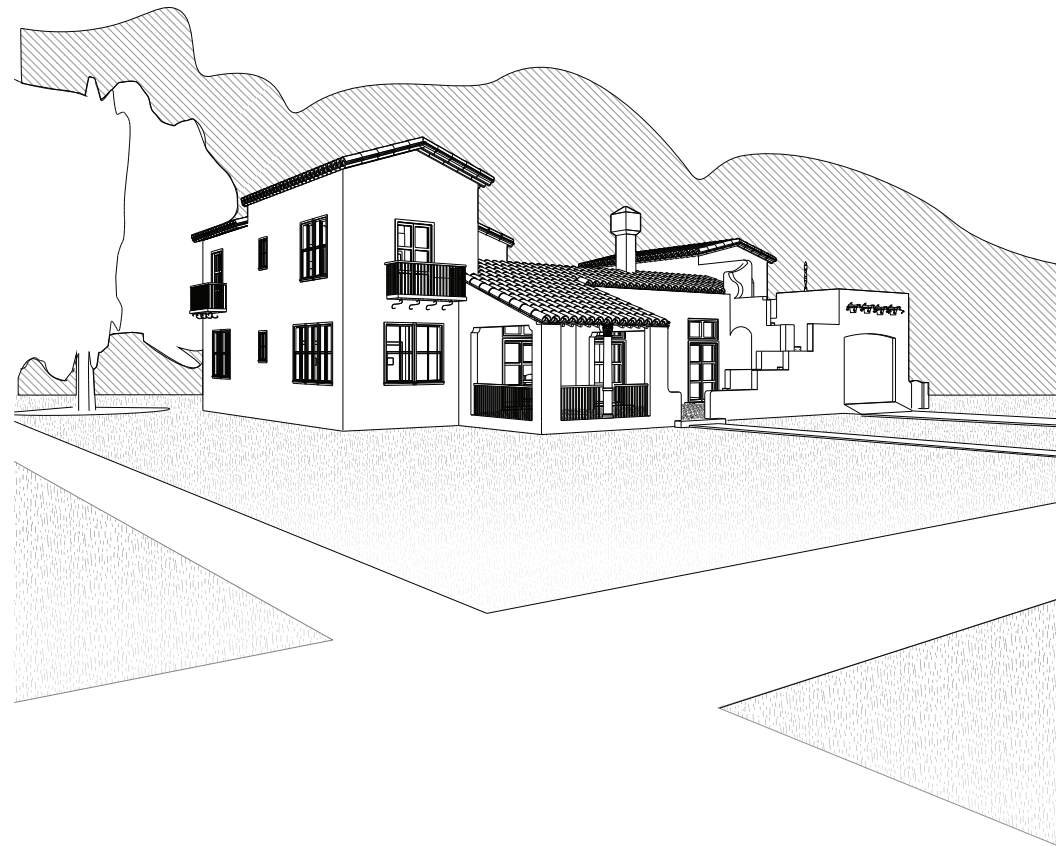
Referential Threshold  
*Vizcaya*



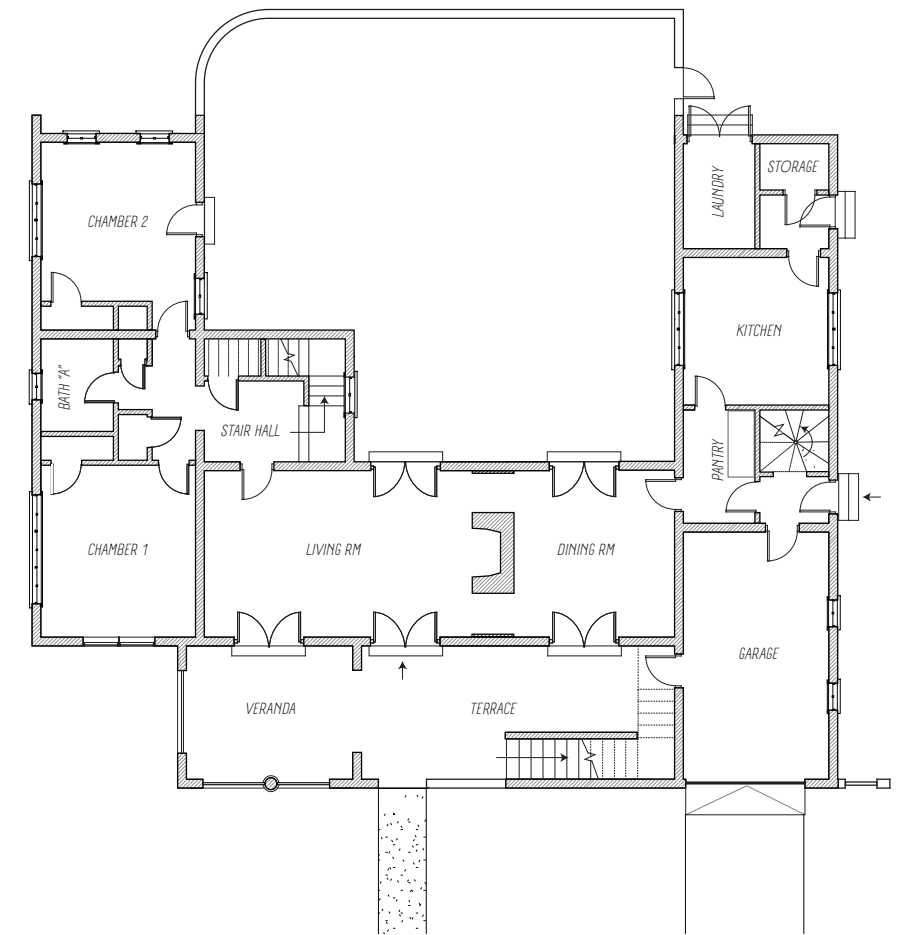
East



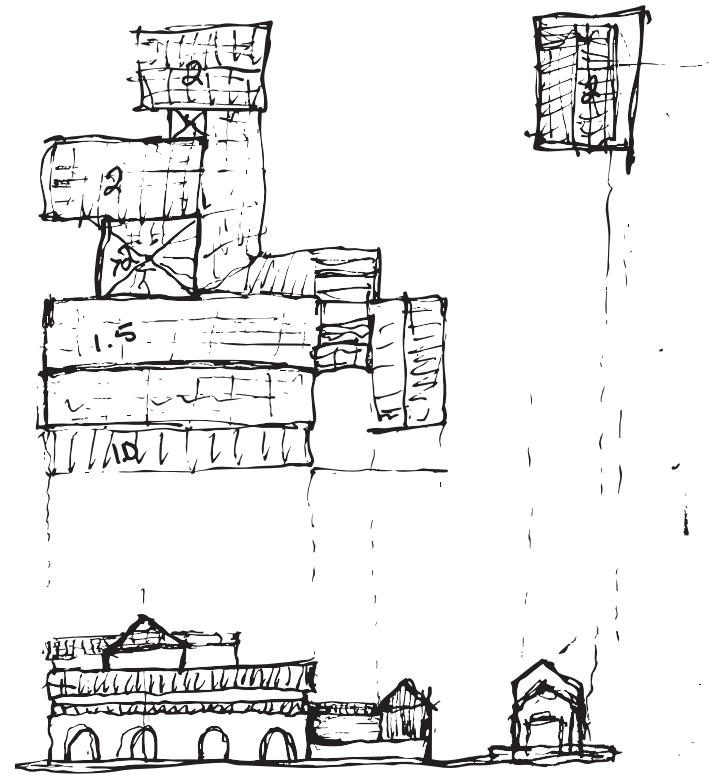
West



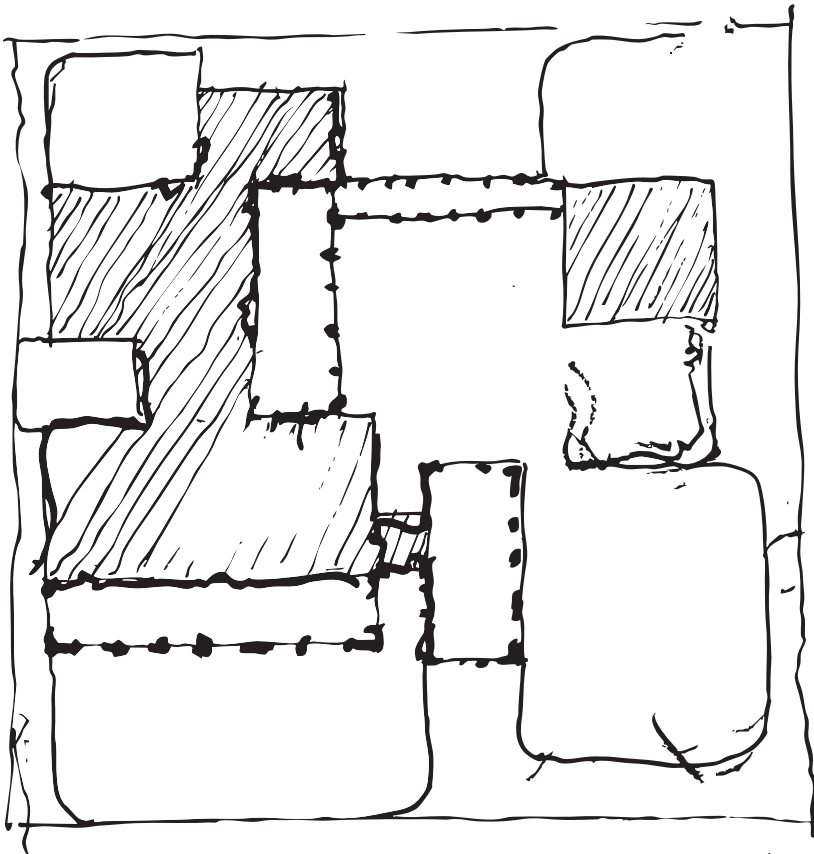
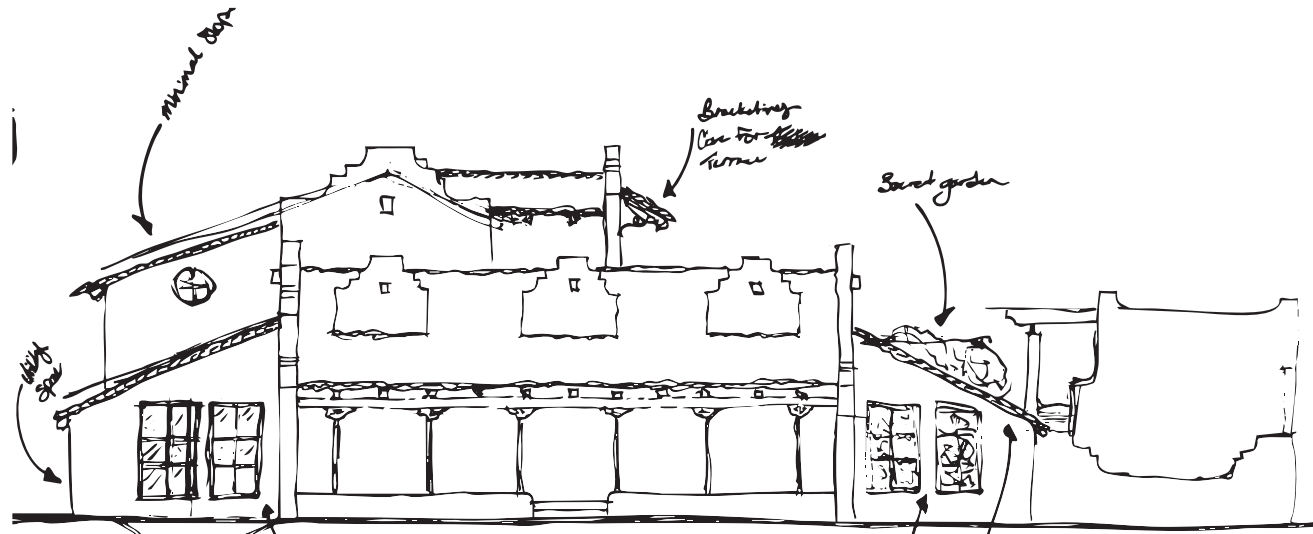
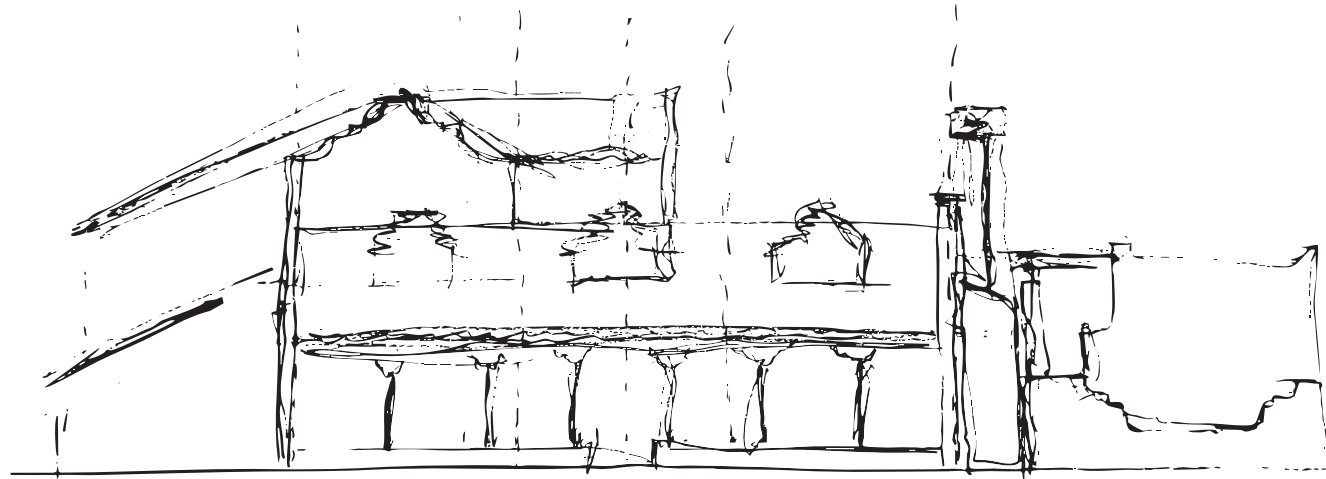
Level 2



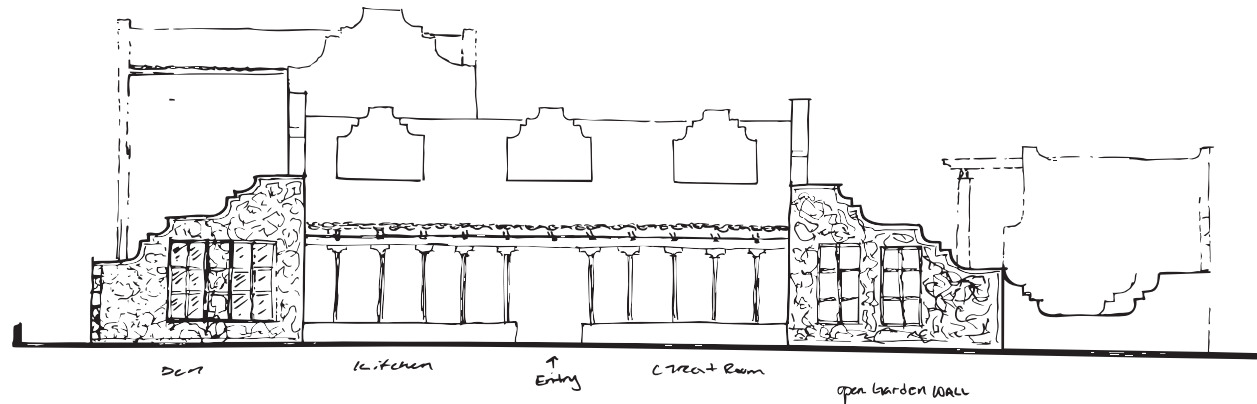
Level 1



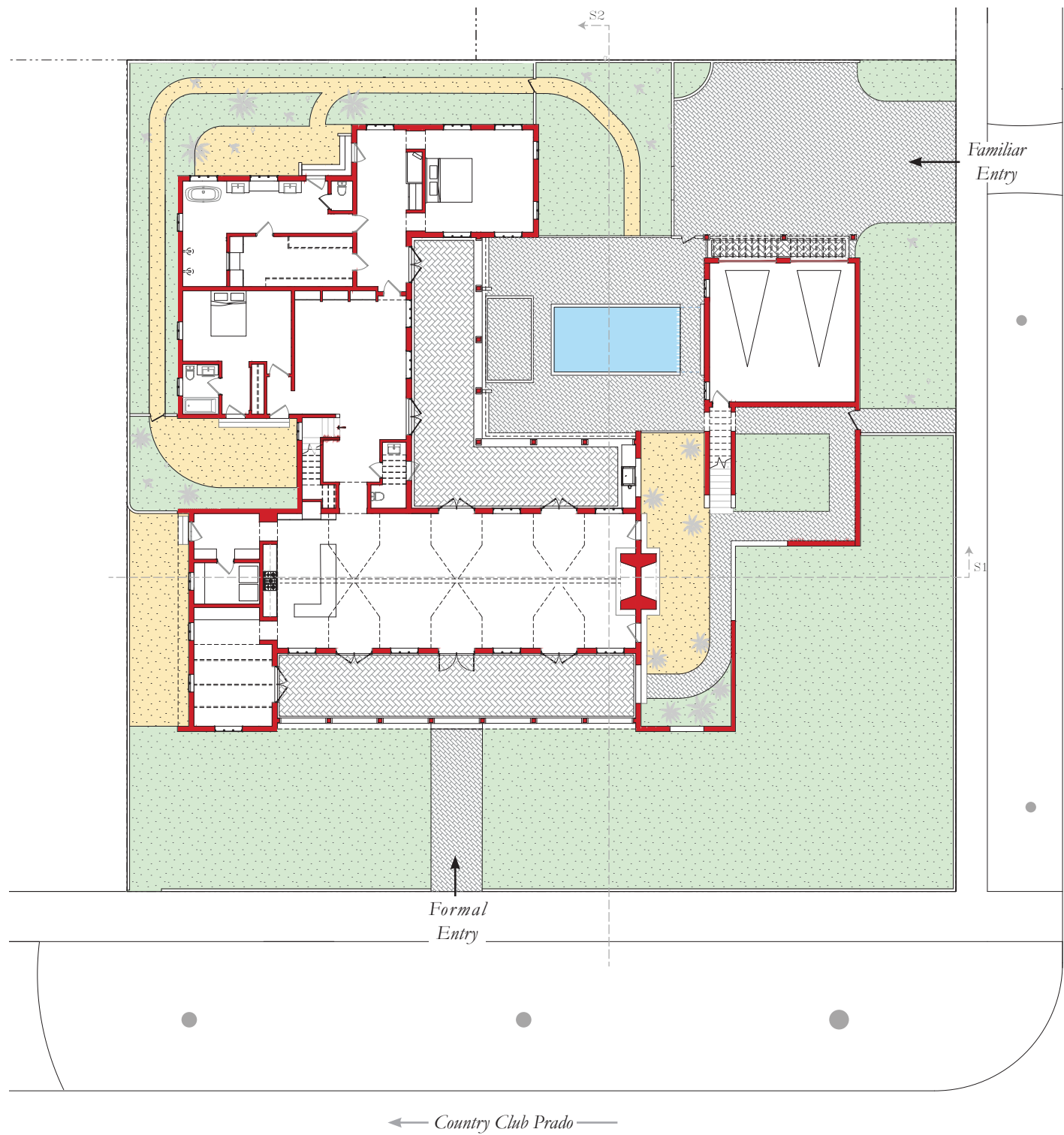
Chosen Form



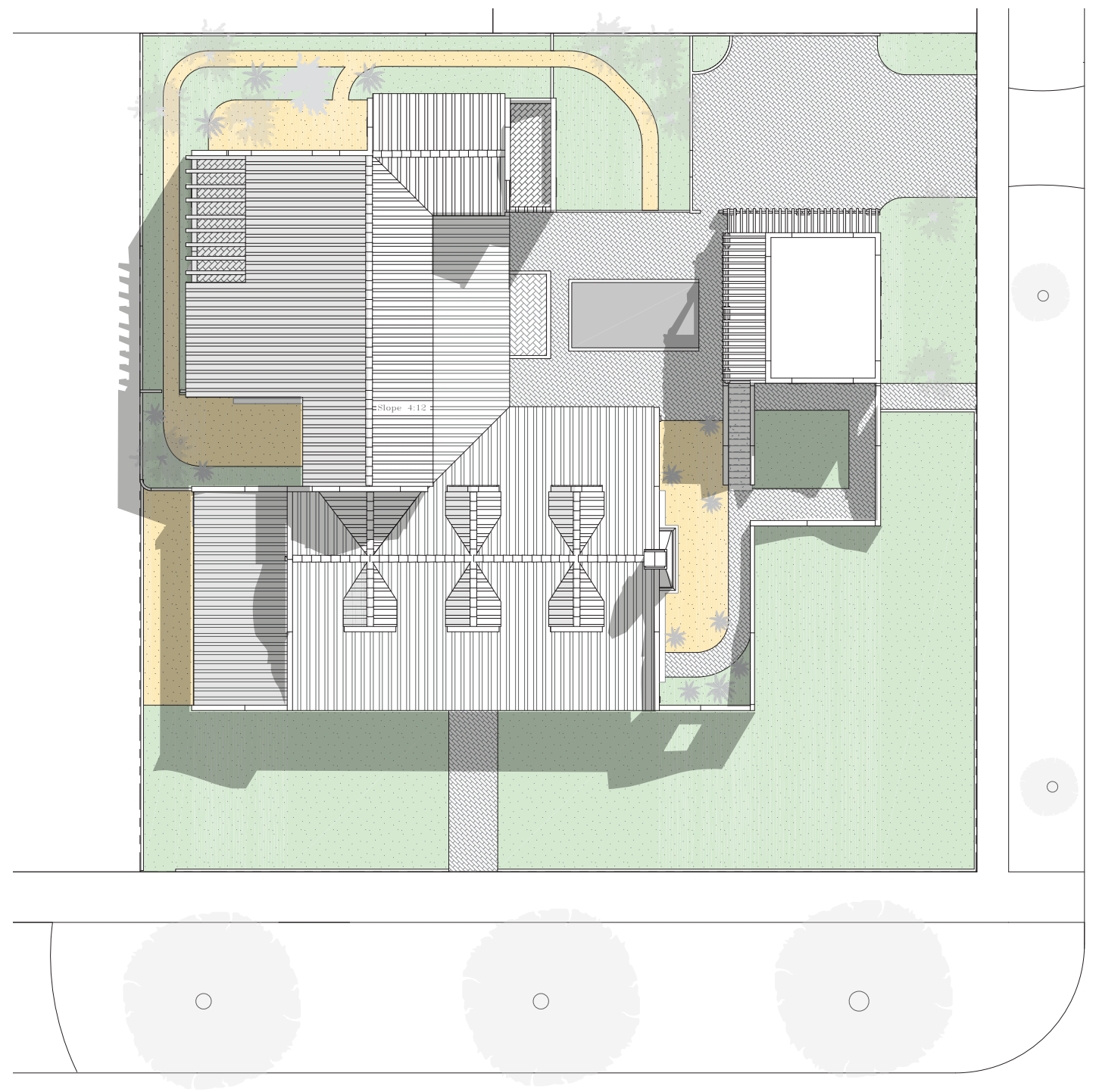
Disecting space



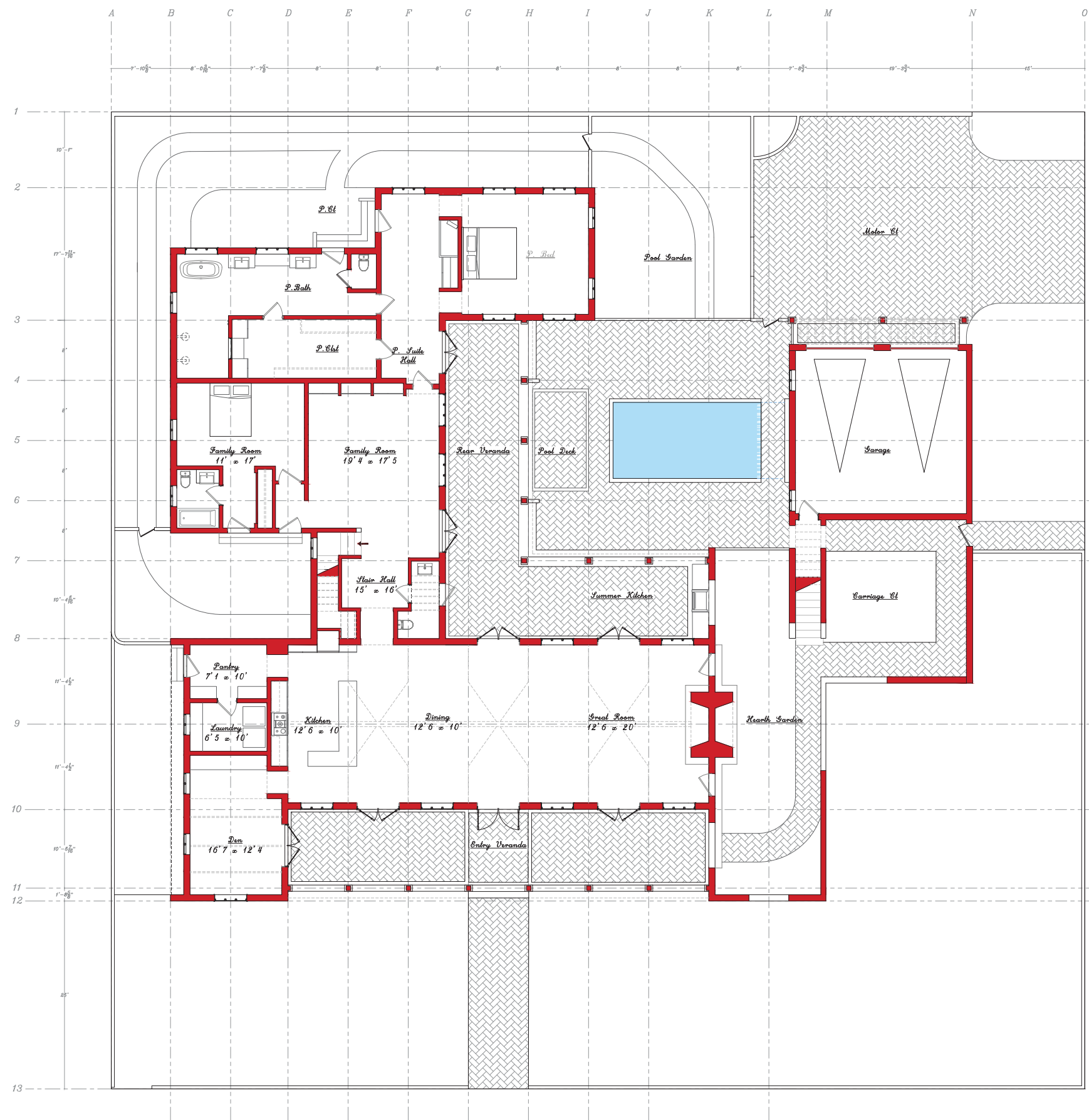
Organization of Facade



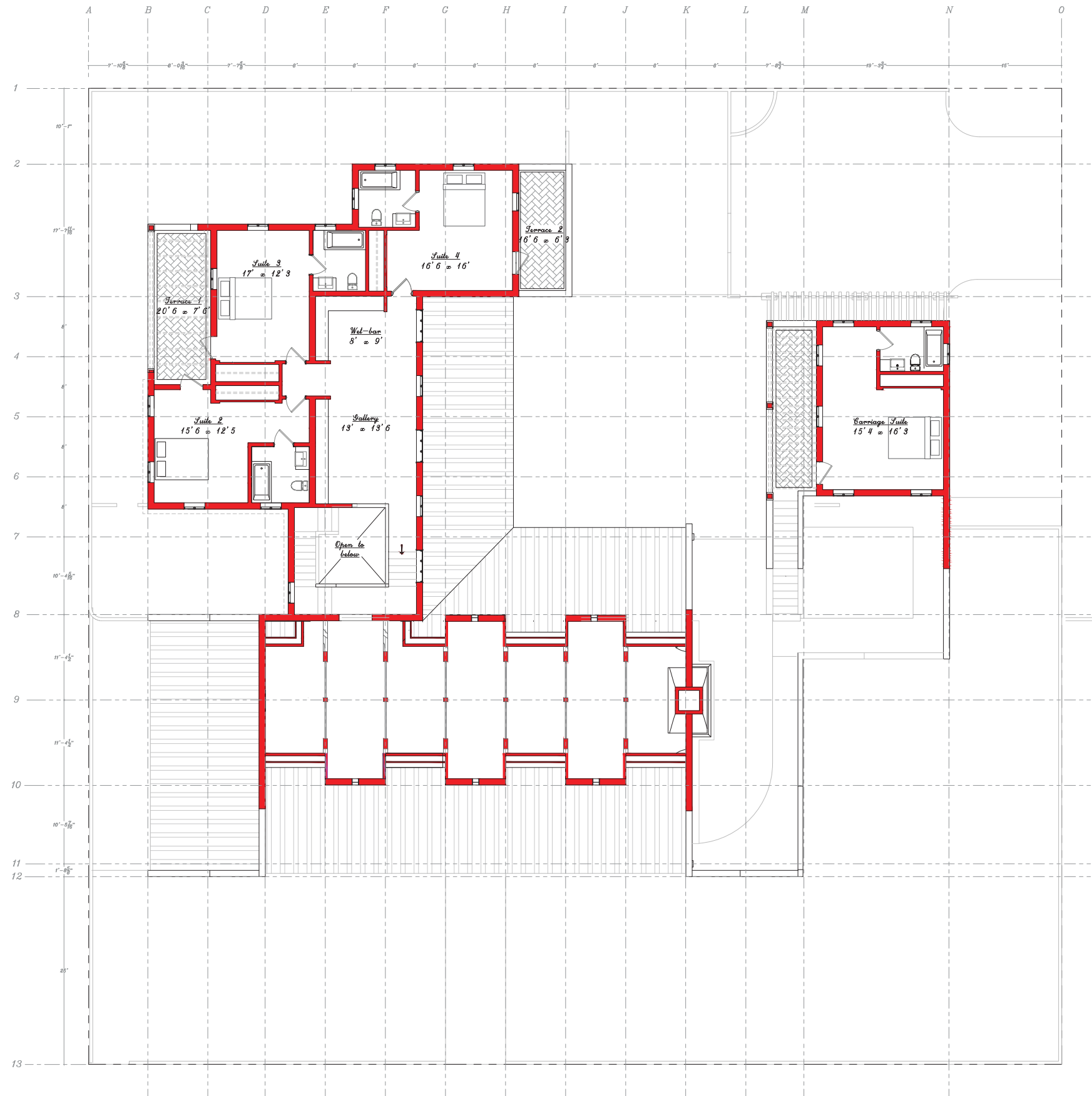
Site Plan



Roof Plan



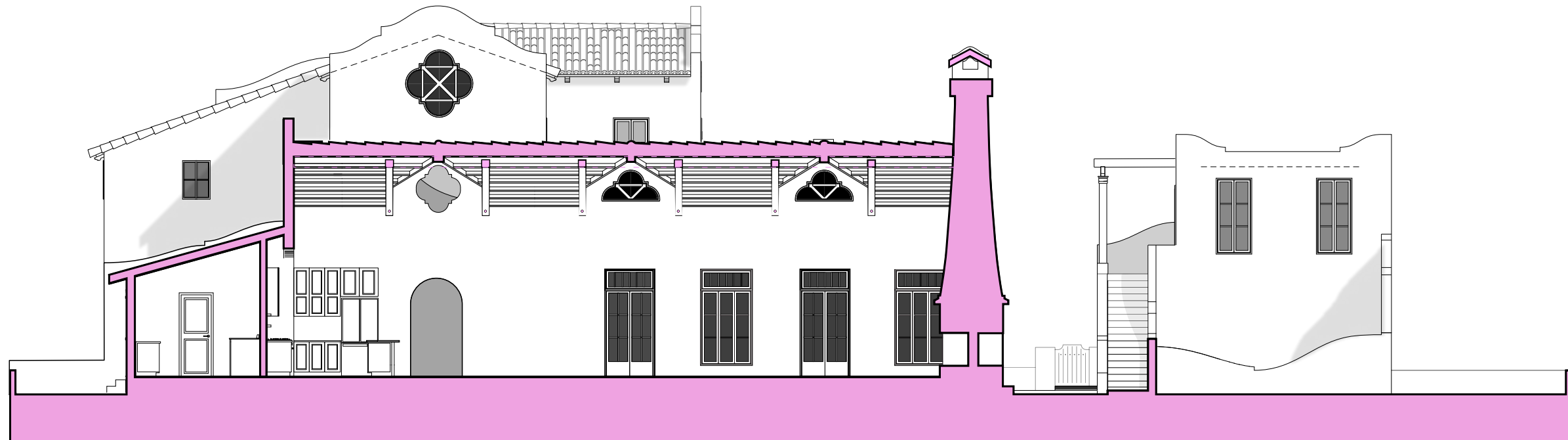
Level 1



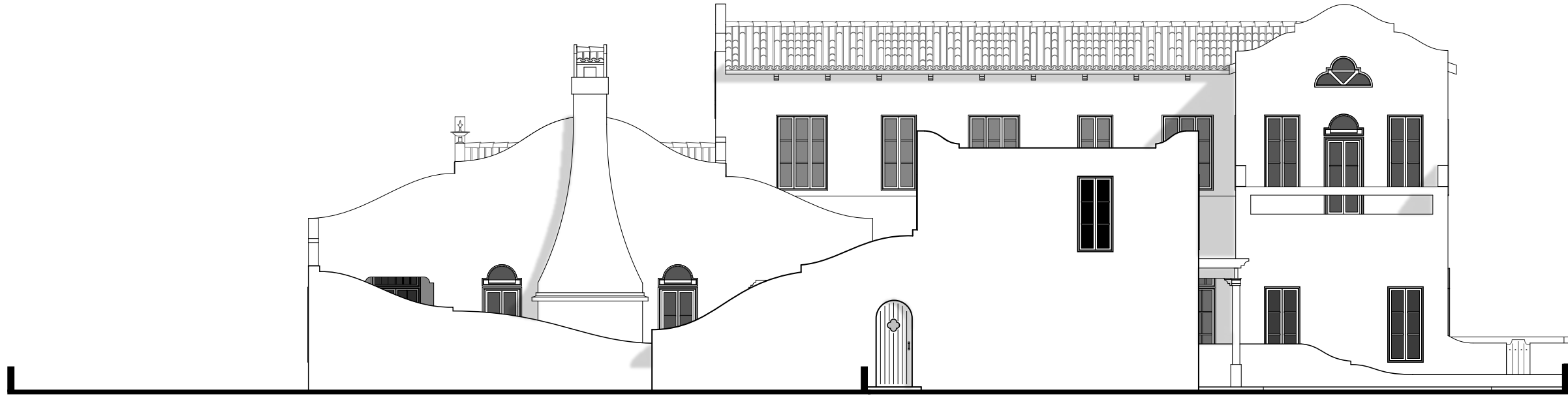
Level 2



West Elevation



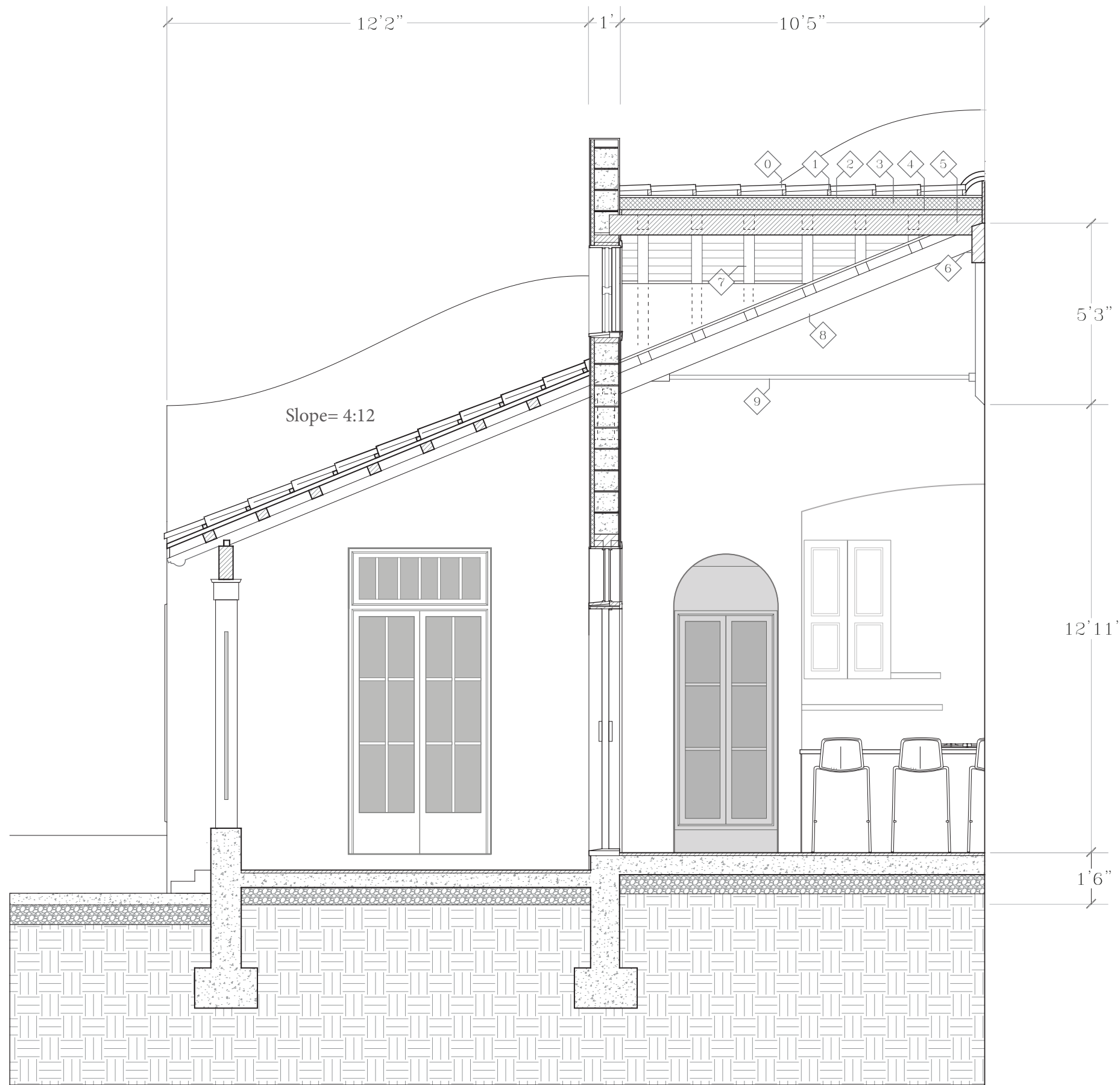
Section 1



South Elevation



Section 2



Dormer Section

- 0. Double Barrel Tile
- 1. Batten System
- 2. Water Proofing Membrain
- 3. Rigid insulation
- 4. 1"x6" Timber Decking
- 5. Dormer ridge
- 6. Ridge Beam
- 7. 2"x4" Rafter
- 8. 4"x10" Top Chord
- 9. Steel Bottom chord

Scale: 1/4"=1'





East Elevation



Hearth Garden + Pool Court



Primary Court



Motor Court

## Unfolding Density : Bajan Housing

Fall 2024 - Design 9

Course: *Housing and Houses*

Faculty: Jonathon Tate & Christopher Meyer

Housing Studio Based in **Bridgetown Barbados**. The goal was Density, Creating 14 (< 1200sqft) units on a 10,000 Sqft lot with 2-6 units each building, no greater than 3 stories.

The concept Unfolding Density prioritizes the regional climate by integrating a large open community space and two distinct entry paths: a primary formal entrance and a secondary service entrance. **The stairwells, oriented east and west, are designed to invite natural light and breeze in**—welcoming the morning sun and capturing the warmth of the Bajan sunset in the evening. Inside the units, increased ceiling heights in kitchens and bedrooms facilitate passive cooling, allowing heat to rise and enhancing comfort. Connected to each unit is a porch off the Formal entrance and a Dry yard that is part of the stairwell system off the service side.





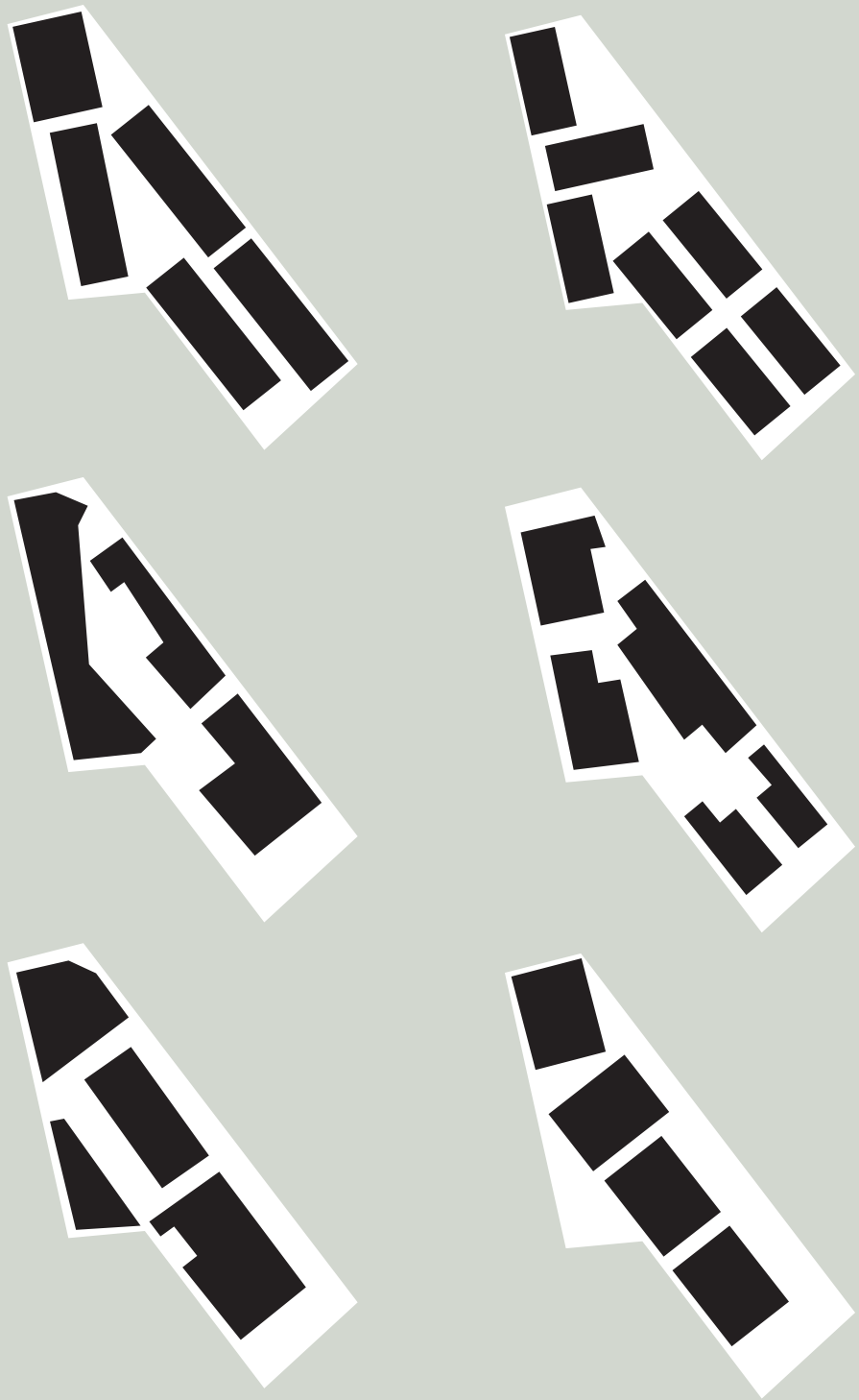
1937 Memorial Wall - Golden Square



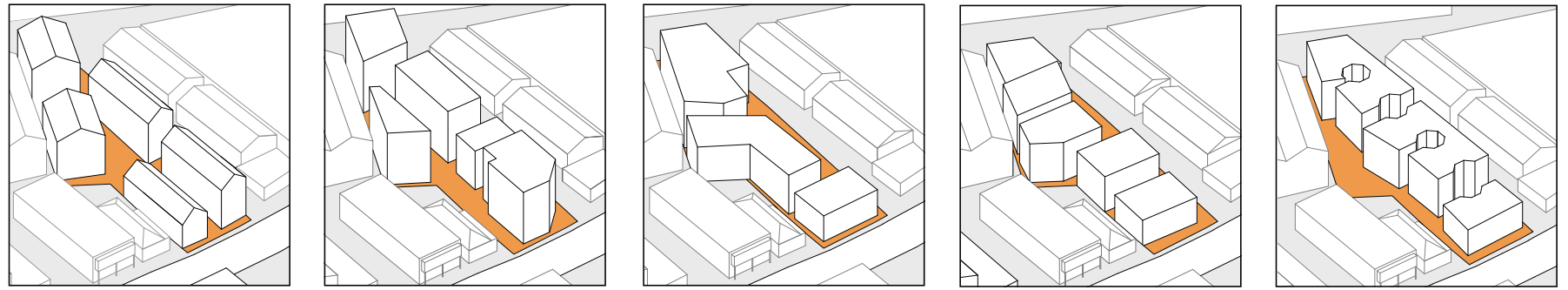
Water mitigation - Open Channel



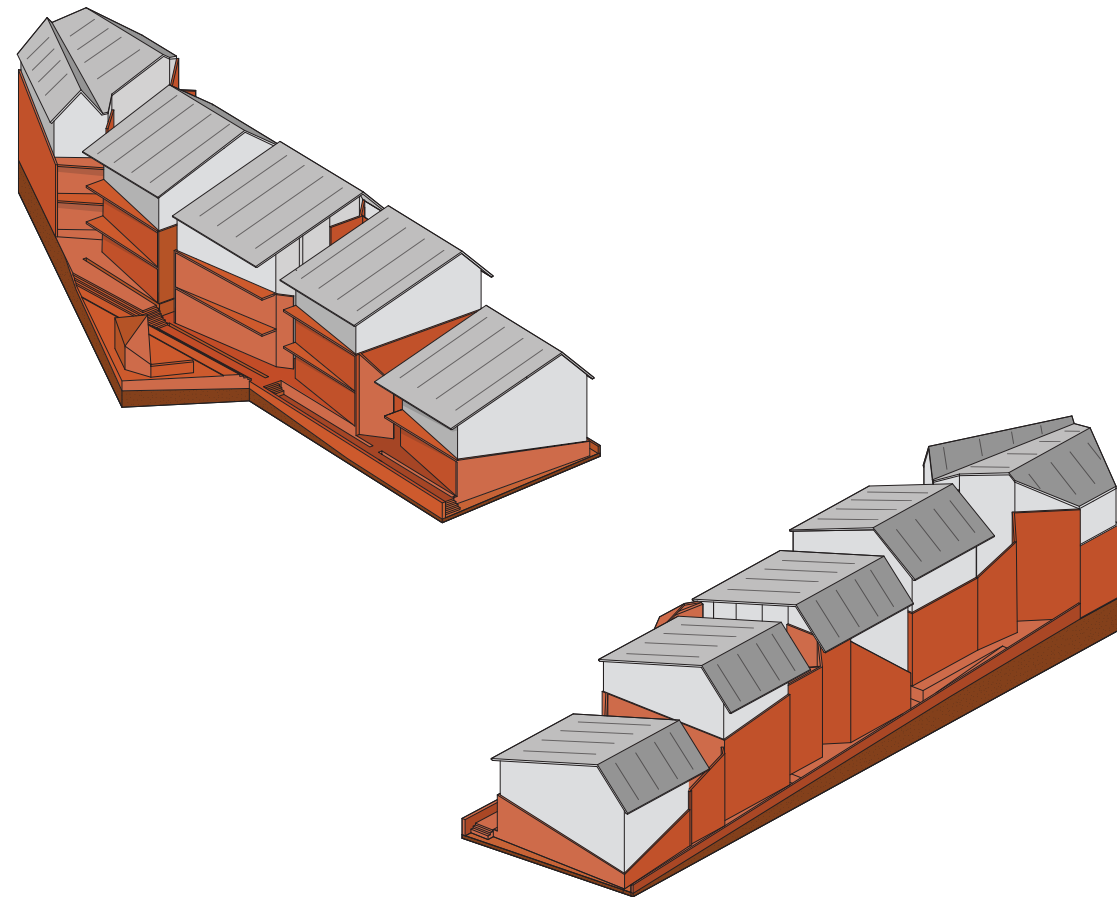
A church in an urban residential condition



Orienting On Site



Pre-Design Massing



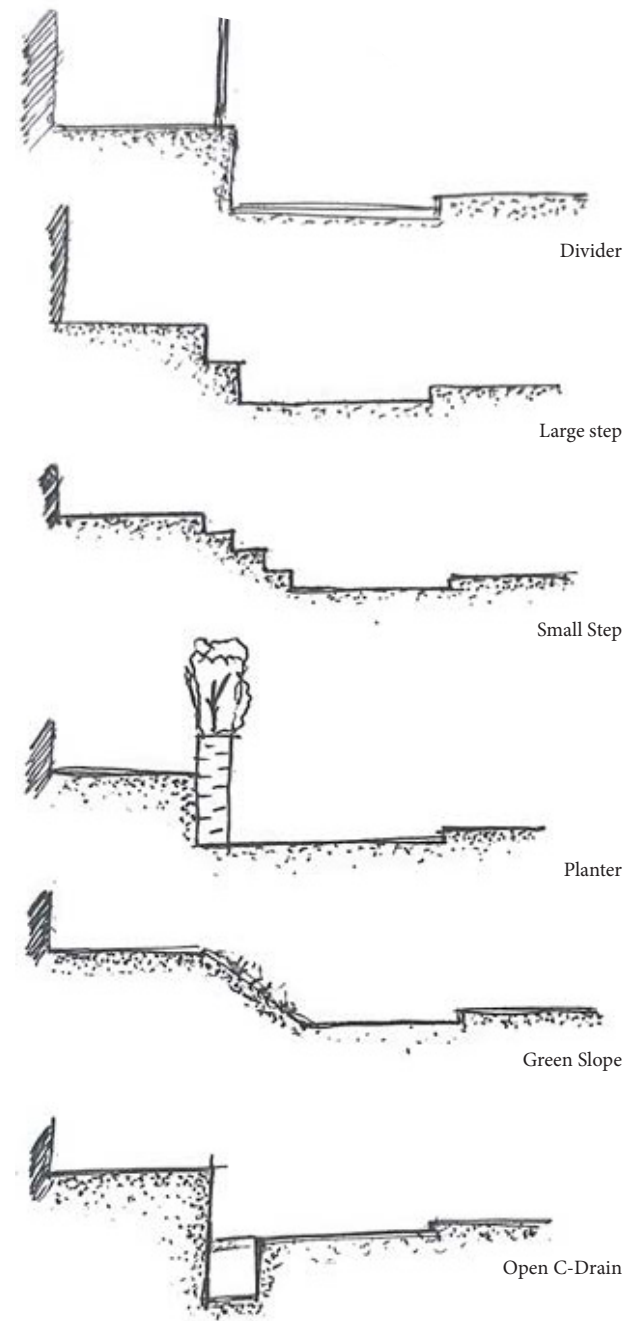
Final Massing



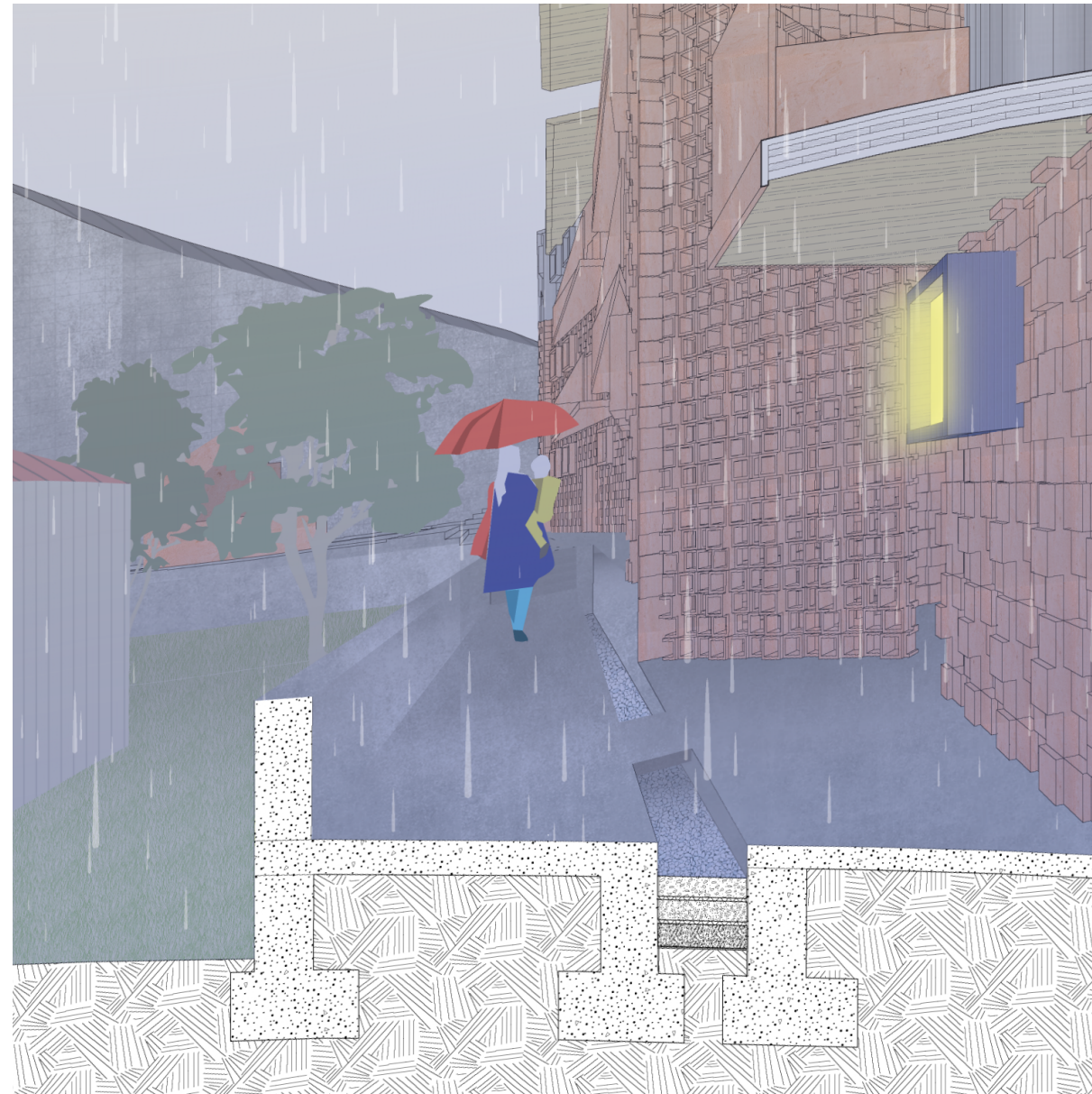
Commercial BOH

Beach Access

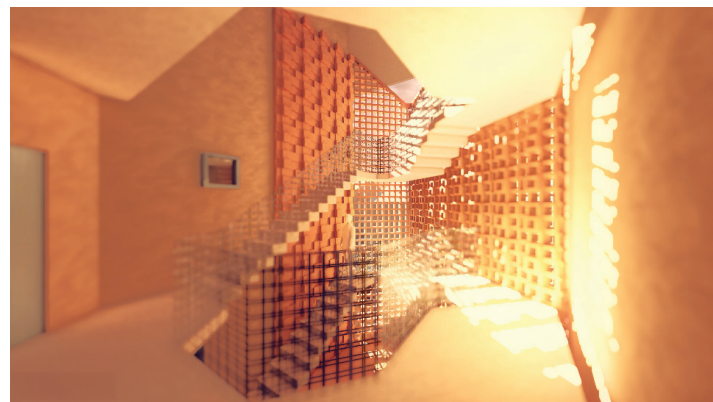
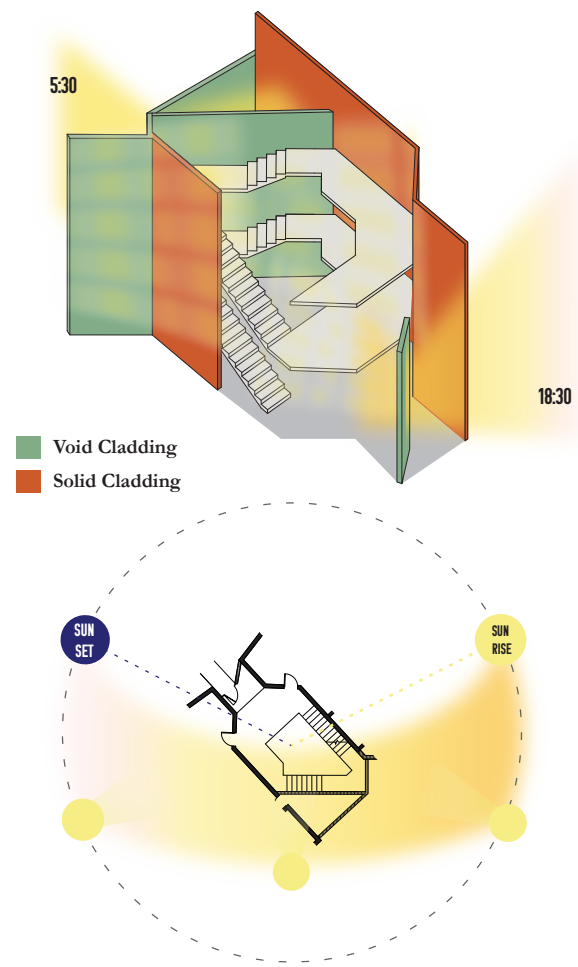
- Primary
- Secondary
- Bldg Access



Connecting Space

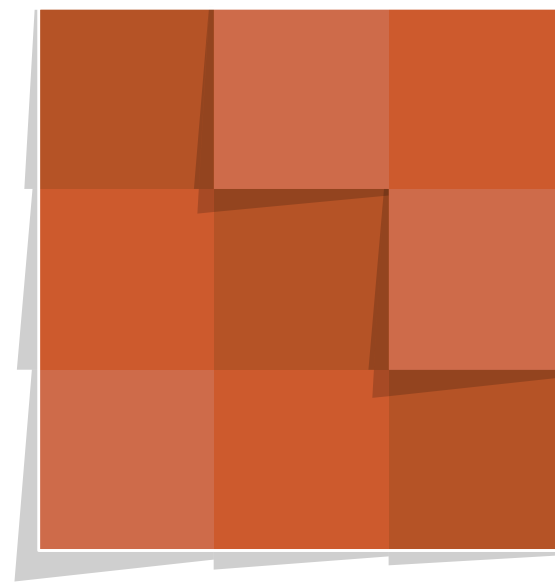
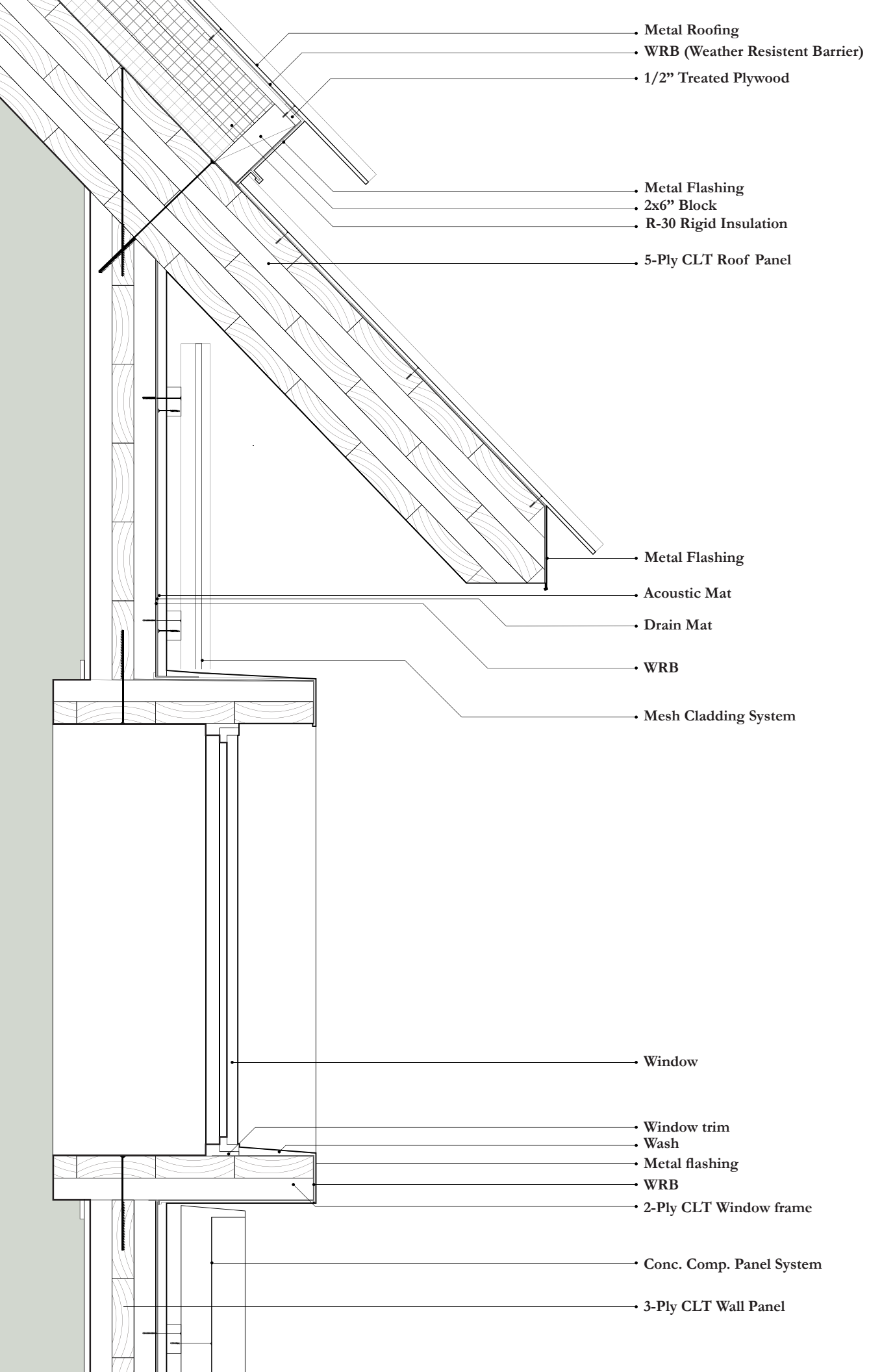


Primary Access

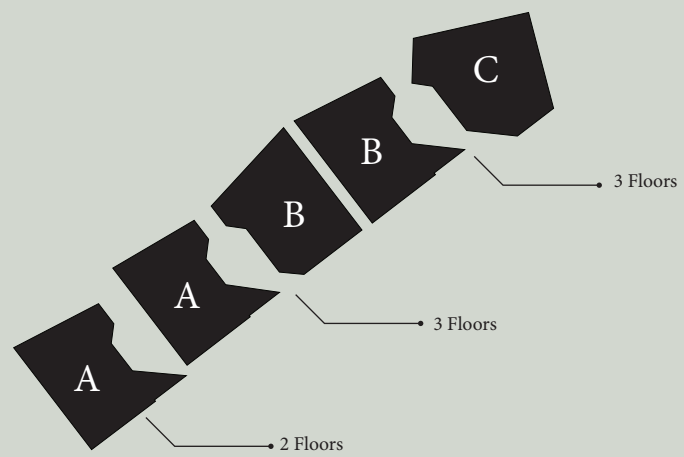


Drying W/ Sun & Air

Secondary Access



**Panel Cladding**



Site



Type A



Type B



Type C

## Past the *Mangle*

Spring 2024 - Design 8

Course: Necropolis

Faculty: Teofilo Victoria & Oscar Carrera

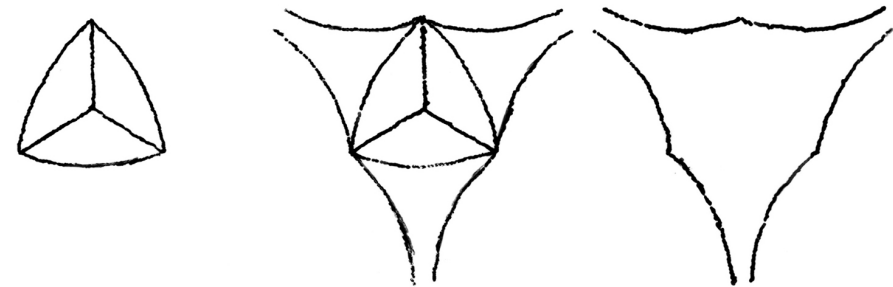
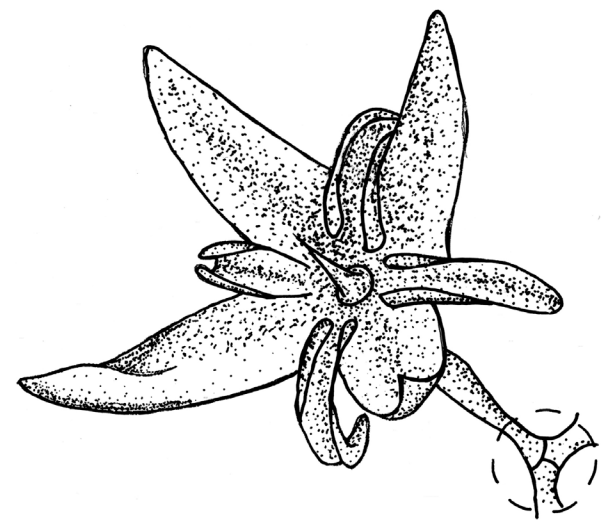
A **hand-drawn studio** focused on the design of The Necropolis or a city for the dead on the site of the water treatment plant on Virginia Key. The project included a **Selected Flora** of study and a Hand-drawn **Master Plan** of the Proposed design.

The concept of **Past the *Mangle*** emerges from the site's unique position **between the urban edge and the vast ocean**, much like the act of remembrance itself, a threshold **between presence and memory**. **Rhizophora *Mangle*, the Red Mangrove**, is a protected species that not only shields the coast from rising tides and wake but also sustains an ecosystem. Inspired by this resilience, the design integrates burial plots, cremation gardens, and a reflective lake, with a chapel of gabion walls that allows light and nature to weave through its form. A Flora based Columbaria System embraces the South Florida climate, inviting visitors to witness the Flora evolve over time, a living monument to transformation, loss, and renewal.

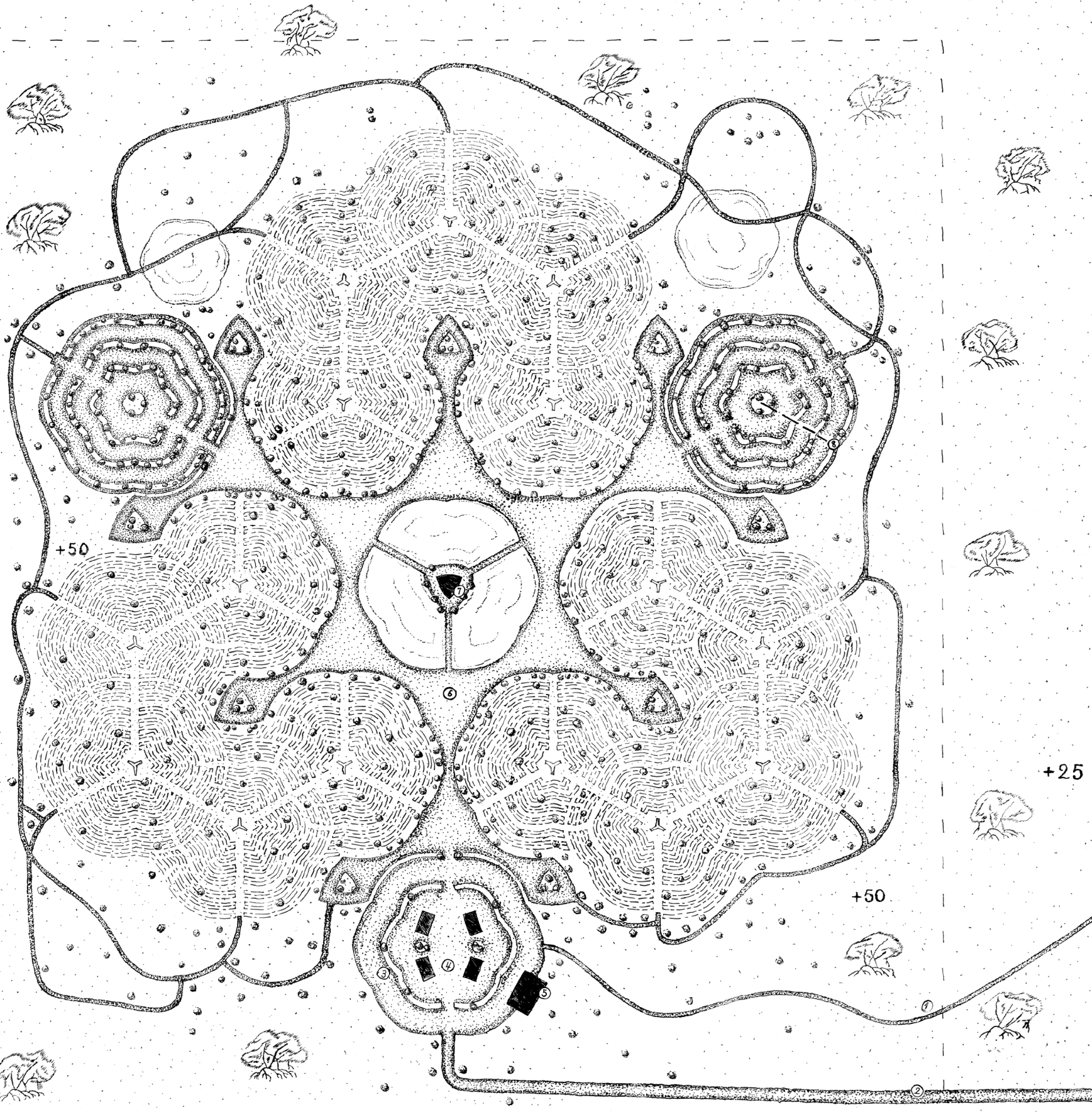


Rhizophora *Mangle* (Red mangrove)  
Prismacolor colored pencil on vellum

# The Node - Between the Flower & the *Mangle*

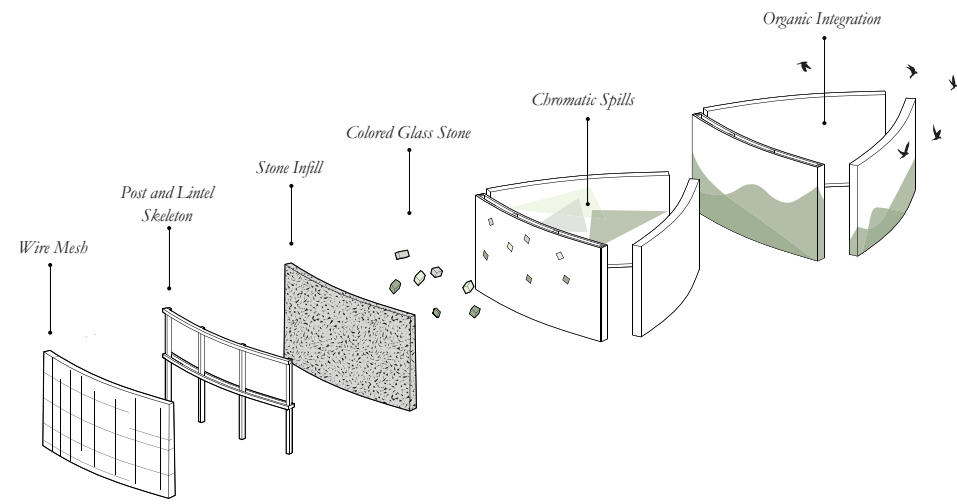


+29

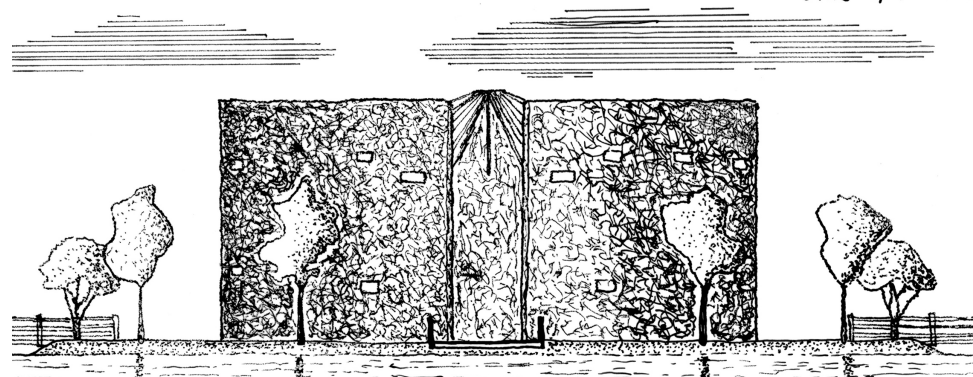


32 128 256  
64  
Scale: 1/128 = 1' 0"  
N

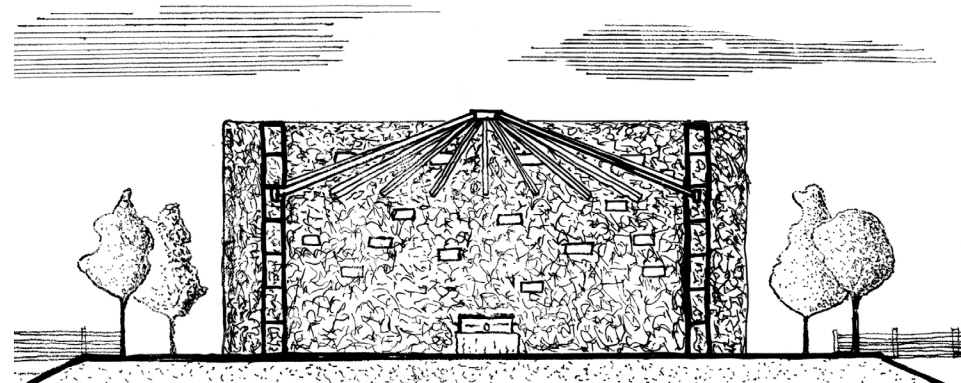
# Between the Chapel



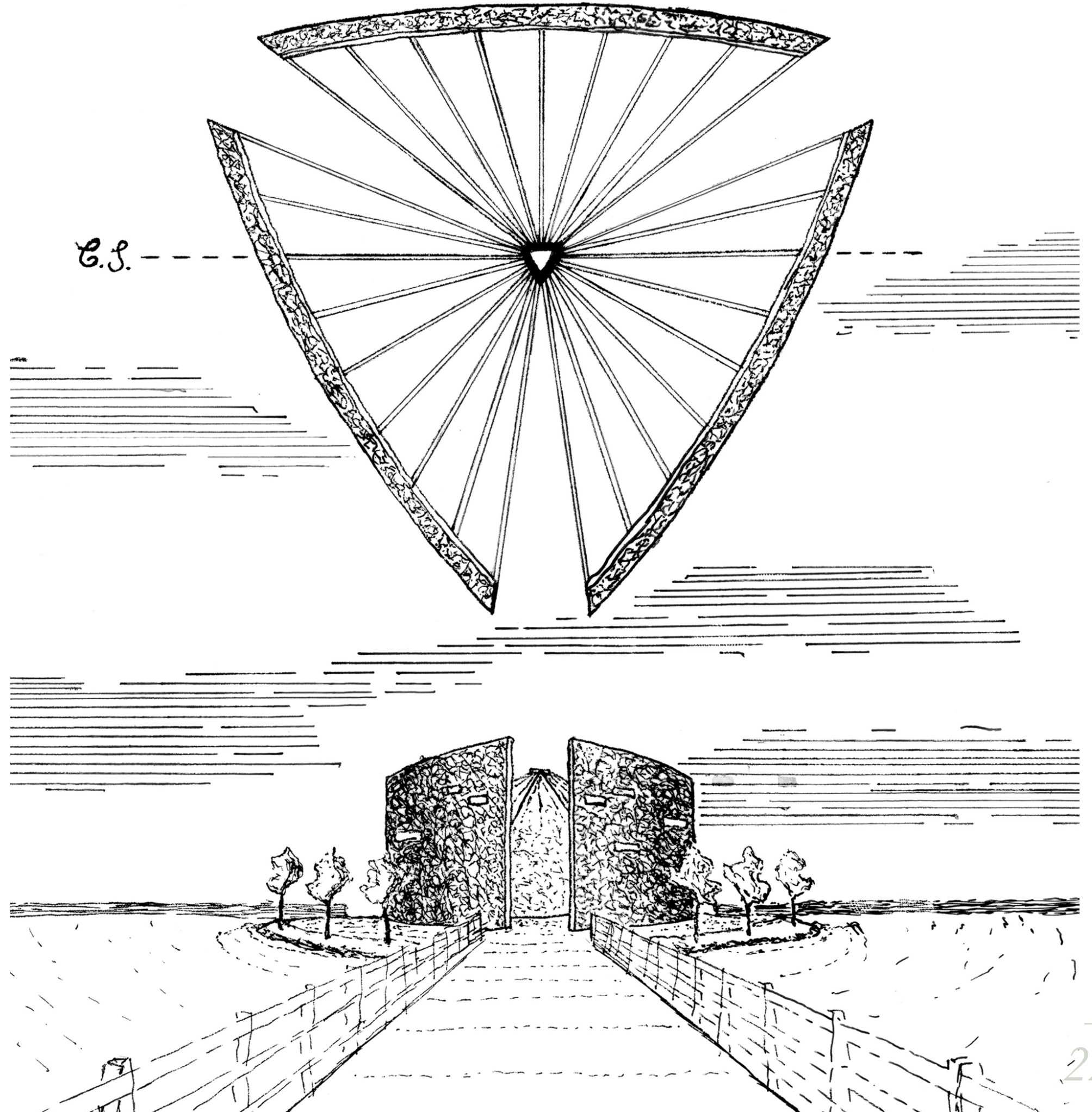
Chapel System



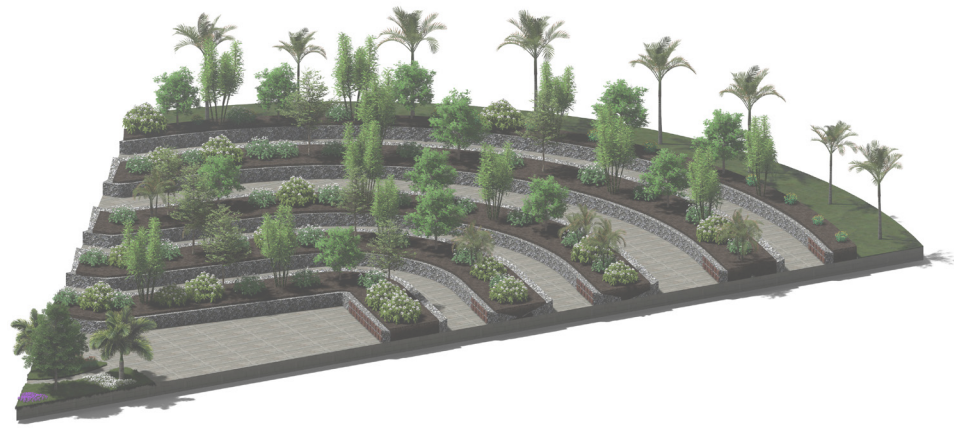
Elevation



Section



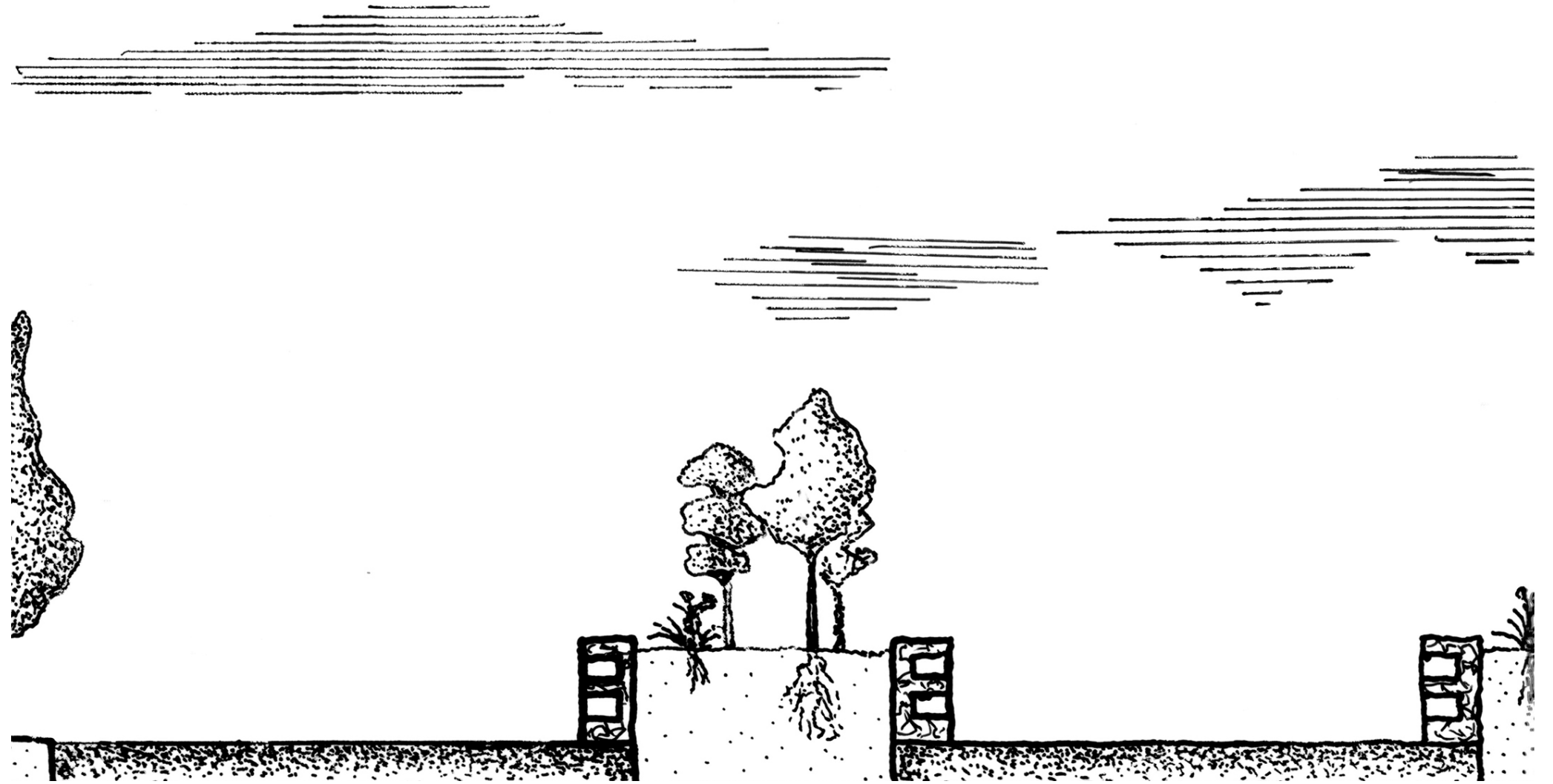
# Between Columbarias



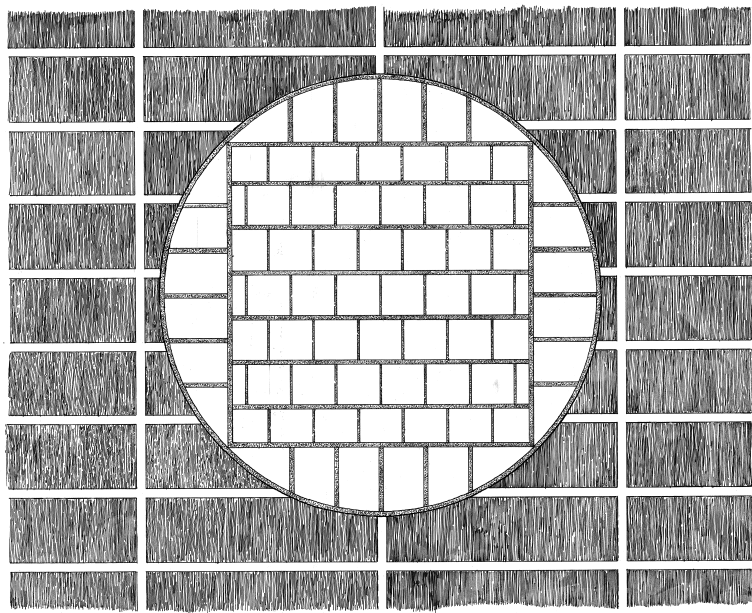
A Petal



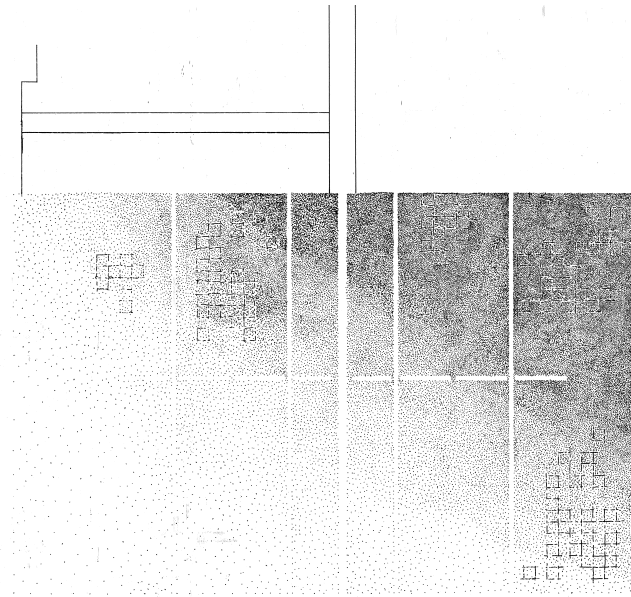
A Bed



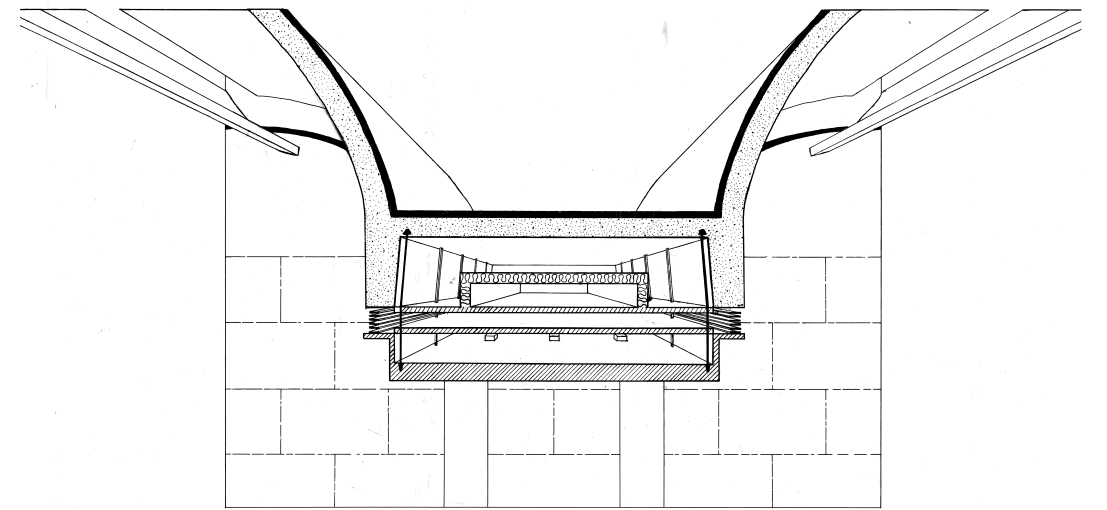
A Growing Space



Inconspicuous Framing - Dhaka National Assembly  
- Louis Kahn



Crosses in Exposure - First Unitarian Church  
- Louis Kahn



Hidden Mechanics - The Kimbell Museum  
- Louis Kahn