

Dichotomy of Wall and Dwelling

Four Pavilions and a Tower
A Dwelling in Etlan, Va

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Wall

House

Cross axis

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Abstract

This project focuses on the wall as a cross-axis form, one which gives an order to the landscape and a reference for the rest of the building to be set against. The intersections of these walls produce four corners housing four pavilions for dwelling. As the walls extend over the landscape, it culminates with a tower, a dwelling space for a guest, overlooking the surrounding landscape.

Thank you to my mom, dad, sister, family and friends. This would not have been possible without you.

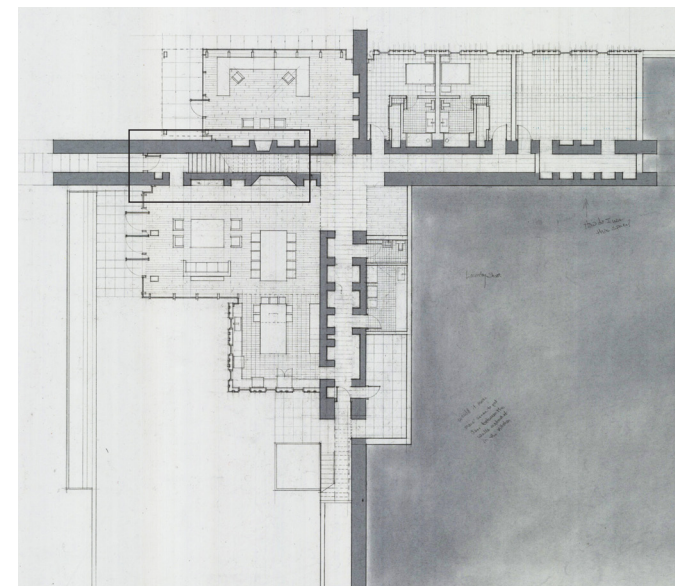
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Introduction

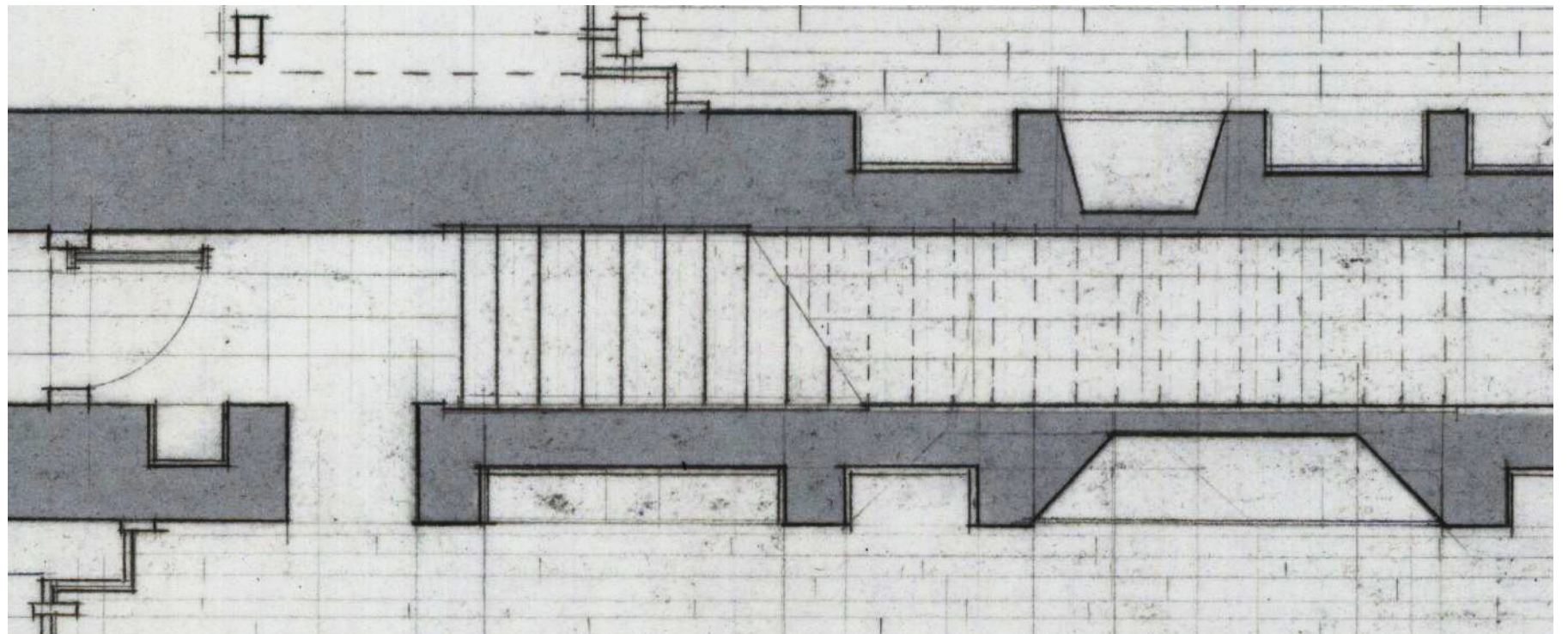
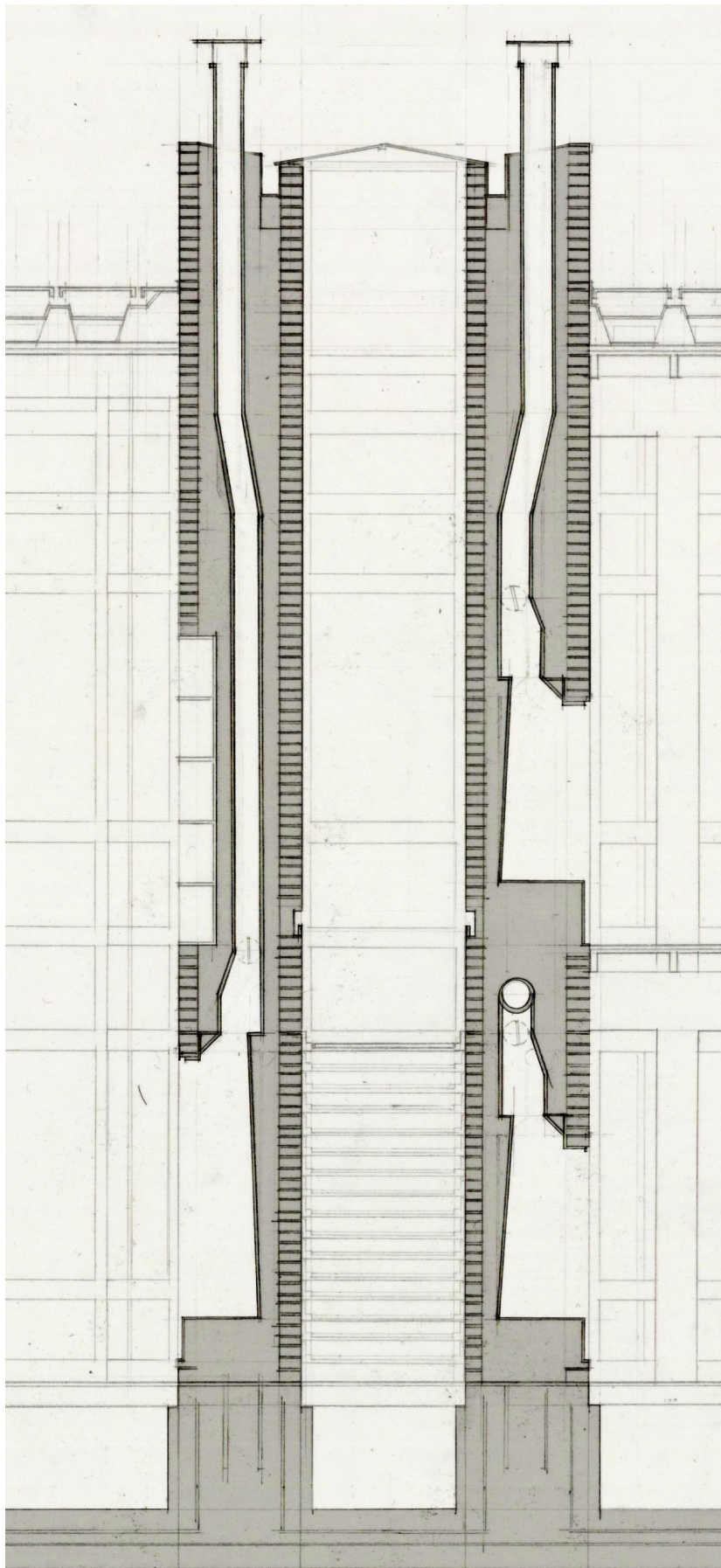
An architectural wall, one of mass and permanence, creates an order in the landscape. This idea of the wall serves as a generator from which the project emerges. These walls provide the organization of movement within the project. The form of the wall is a cross axis created by two pairs of parallel walls. Within this form, a main axis defines itself as an extension over the landscape, a reflection of the ridge it resides upon. Countering this axis, a secondary axis is created. Where these two axes join, a point of interaction is created within the walls. The secondary axis is eroded away to form an open condition, a knuckle with in the project, allowing for interaction between the axial movement of the walls. The wall is a spine for the project among which four pavilions and a tower are placed. These places of dwelling reside in the corners of the cross-axis form allowing the inhabitants to live with a view out to the landscape. These pavilions are pulled away from the main walls at the outer edge to accentuate and give hierarchy to the wall. The main axial extension through the landscape culminates with a guest tower. A space of verticality within a project of horizontality, the tower provides a juxtaposition of dwelling along the wall.

The Wall



Detail | Left: Section of Main Axis Wall Cut Through Fireplaces

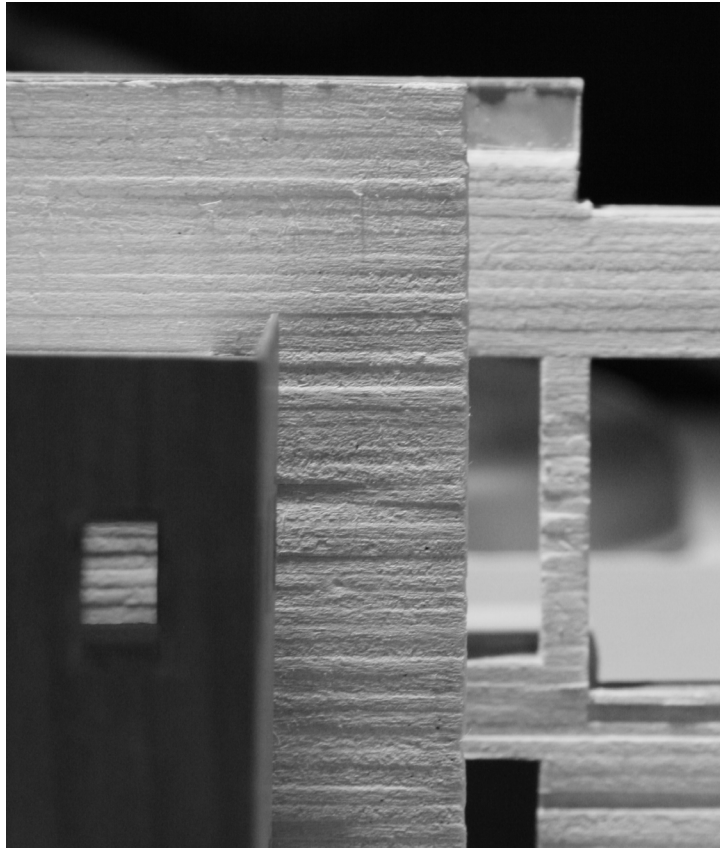
Detail | Right: Plan of Main Axis Wall Between Office and Living Room

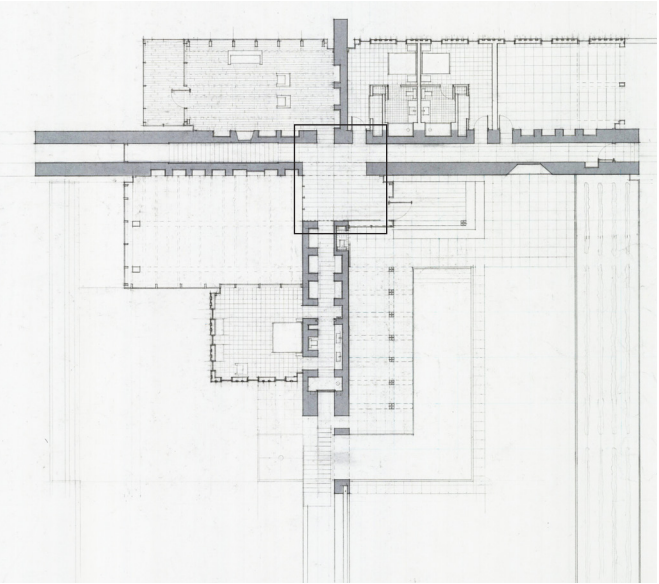


Detail | Left: Model Photo - Layering of Pavilion and Walls

Detail | Center: Model Photo - Reveal Intersection of Pavilion and Wall

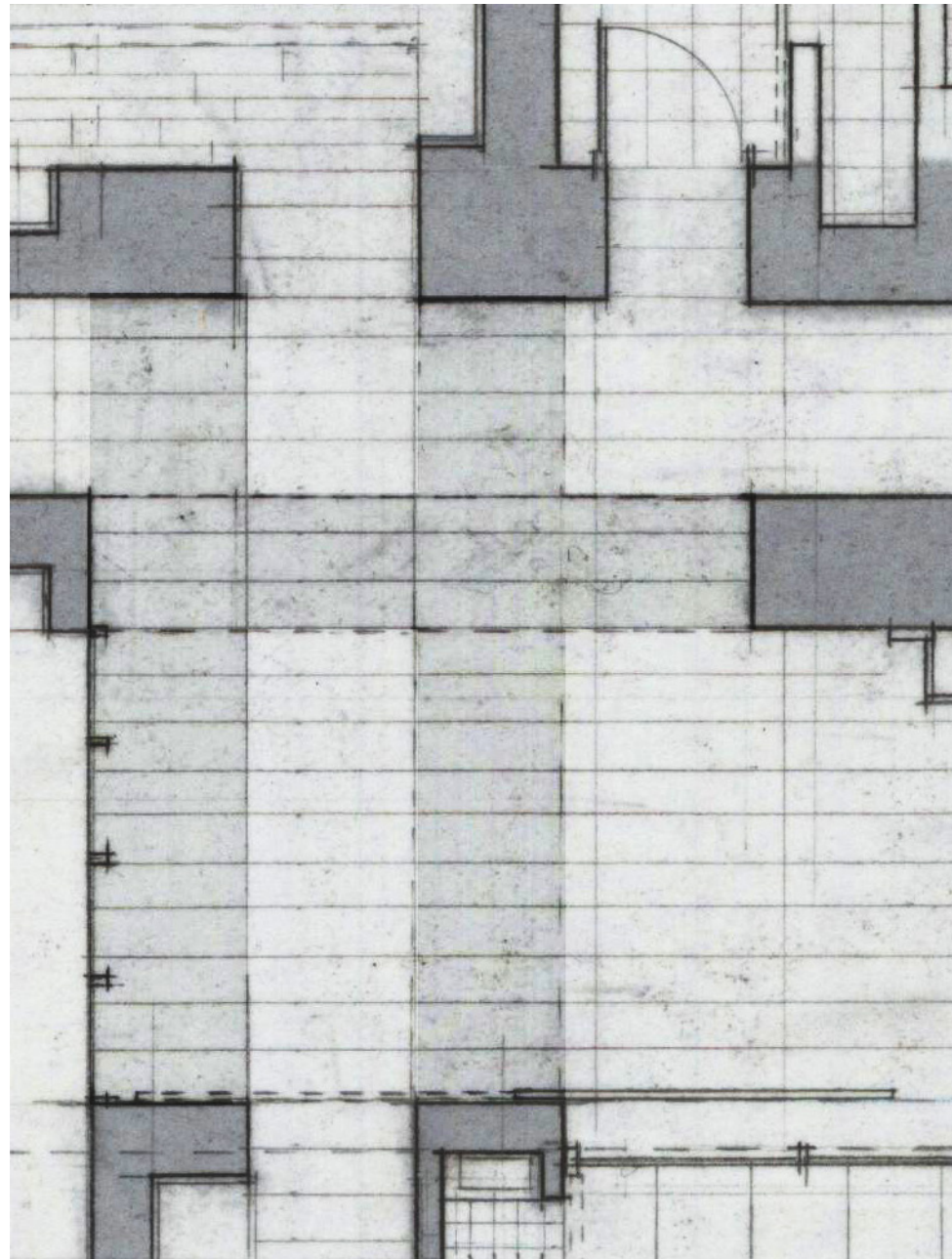
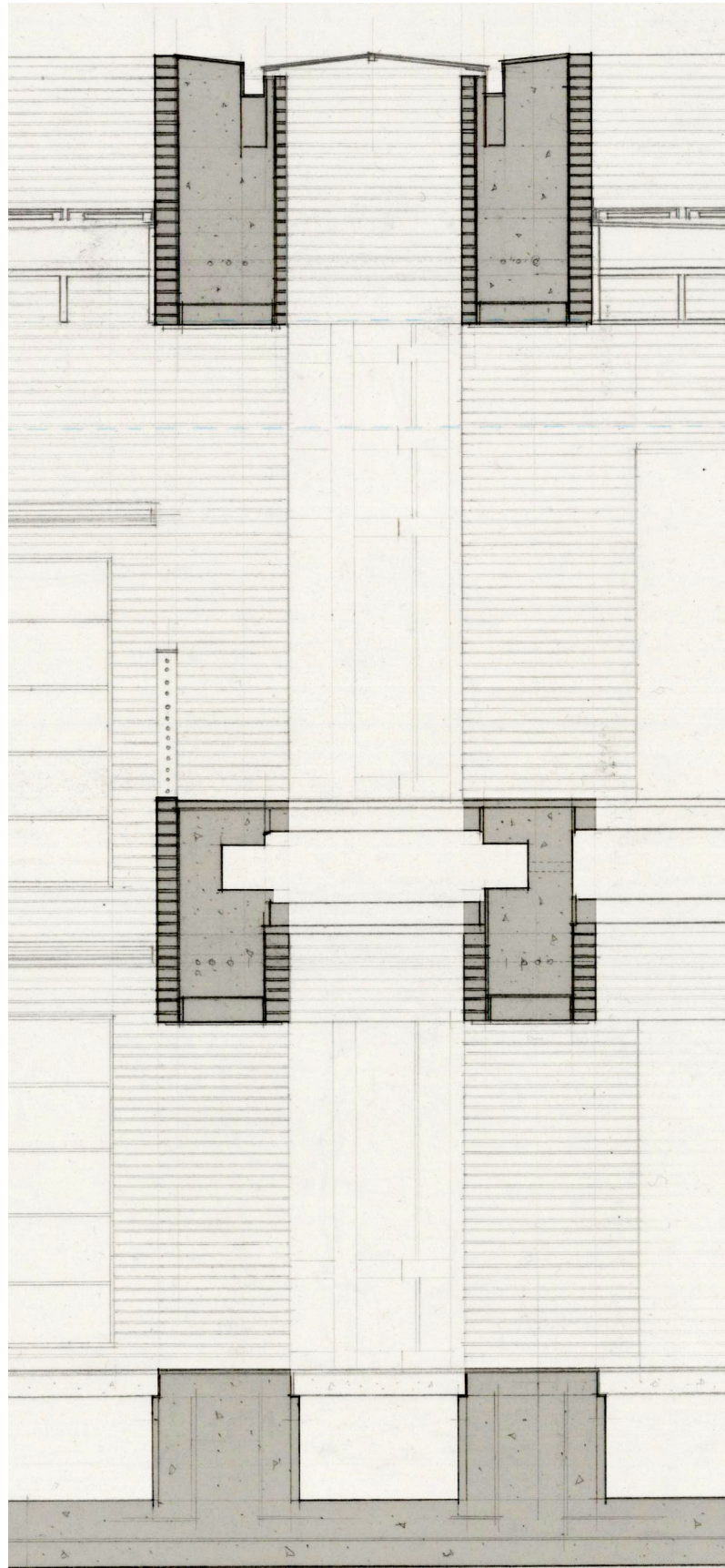
Detail | Right: Model Photo - Intersection of Walls





Detail | Left: Section of Walls at the Foyer (Knuckle)

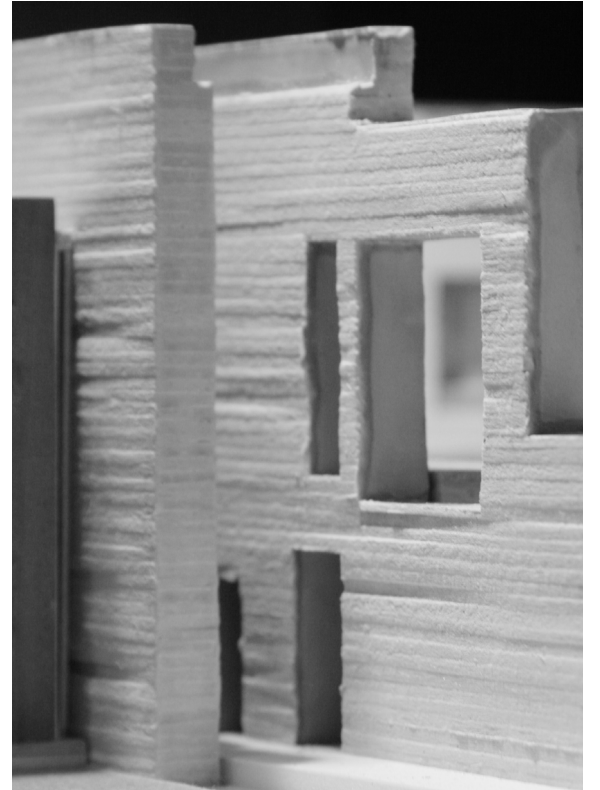
Detail | Right: Plan of the Foyer (Knuckle)

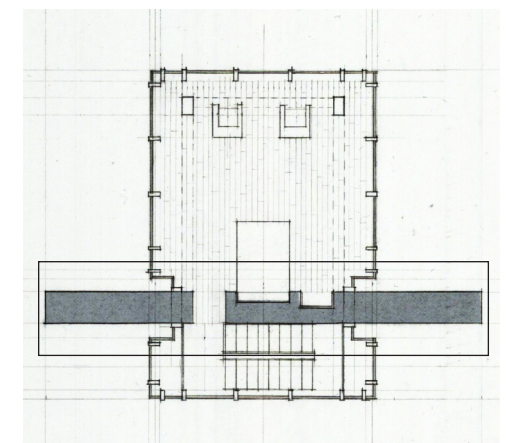


Detail | Left: Model Photo - Texture of the Walls

Detail | Center: Model Photo - Reveal Intersection of Pavilion and Wall

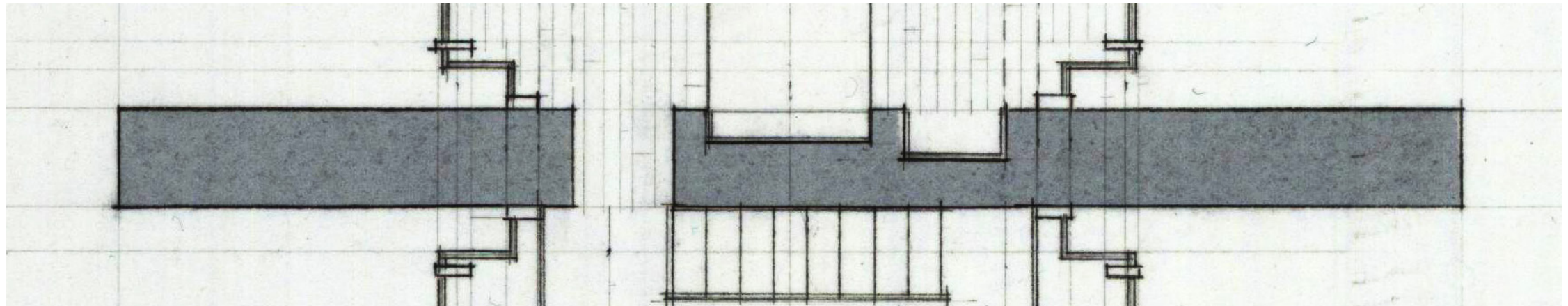
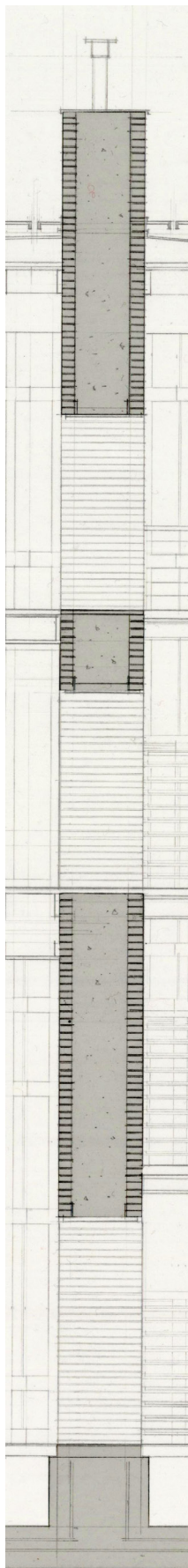
Detail | Right: Model Photo - Reveal of Pavilion and Layering of Walls





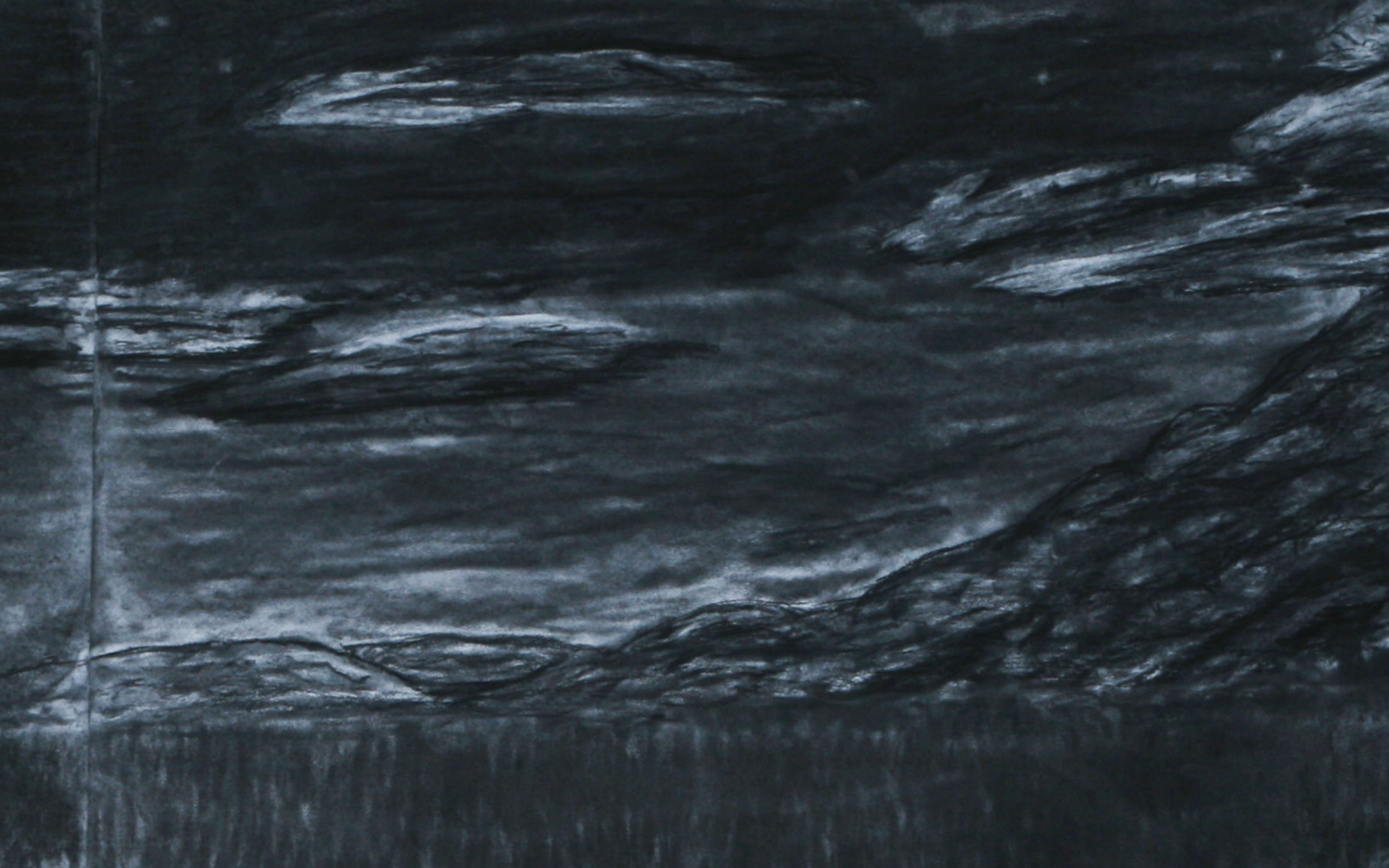
Detail | Left: Section of Wall in the Guest Tower

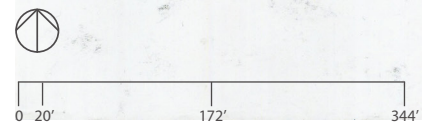
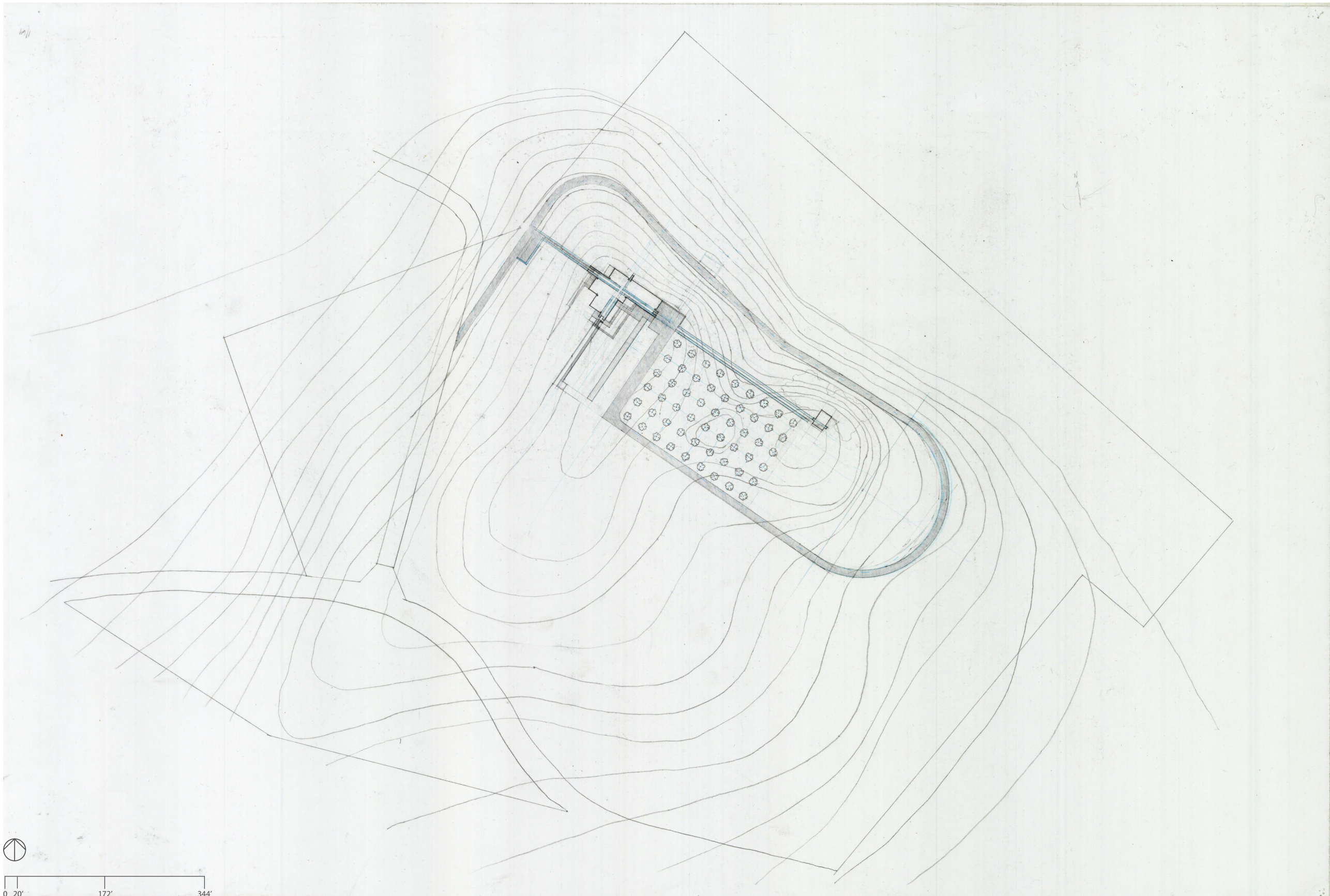
Detail | Right: Plan of wall in the Guest Tower

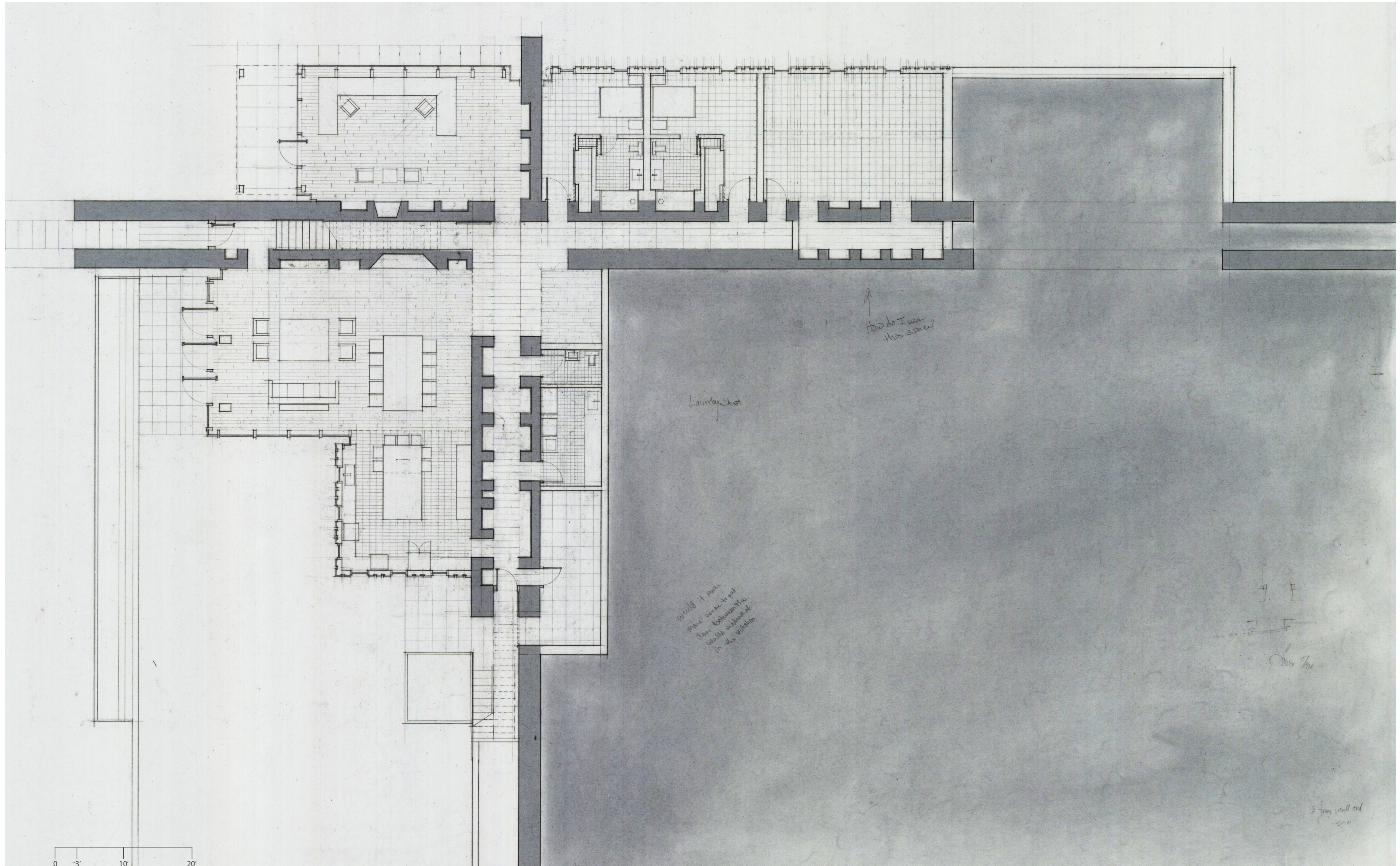


Four Pavilions and a Tower









0 3' 10' 20'

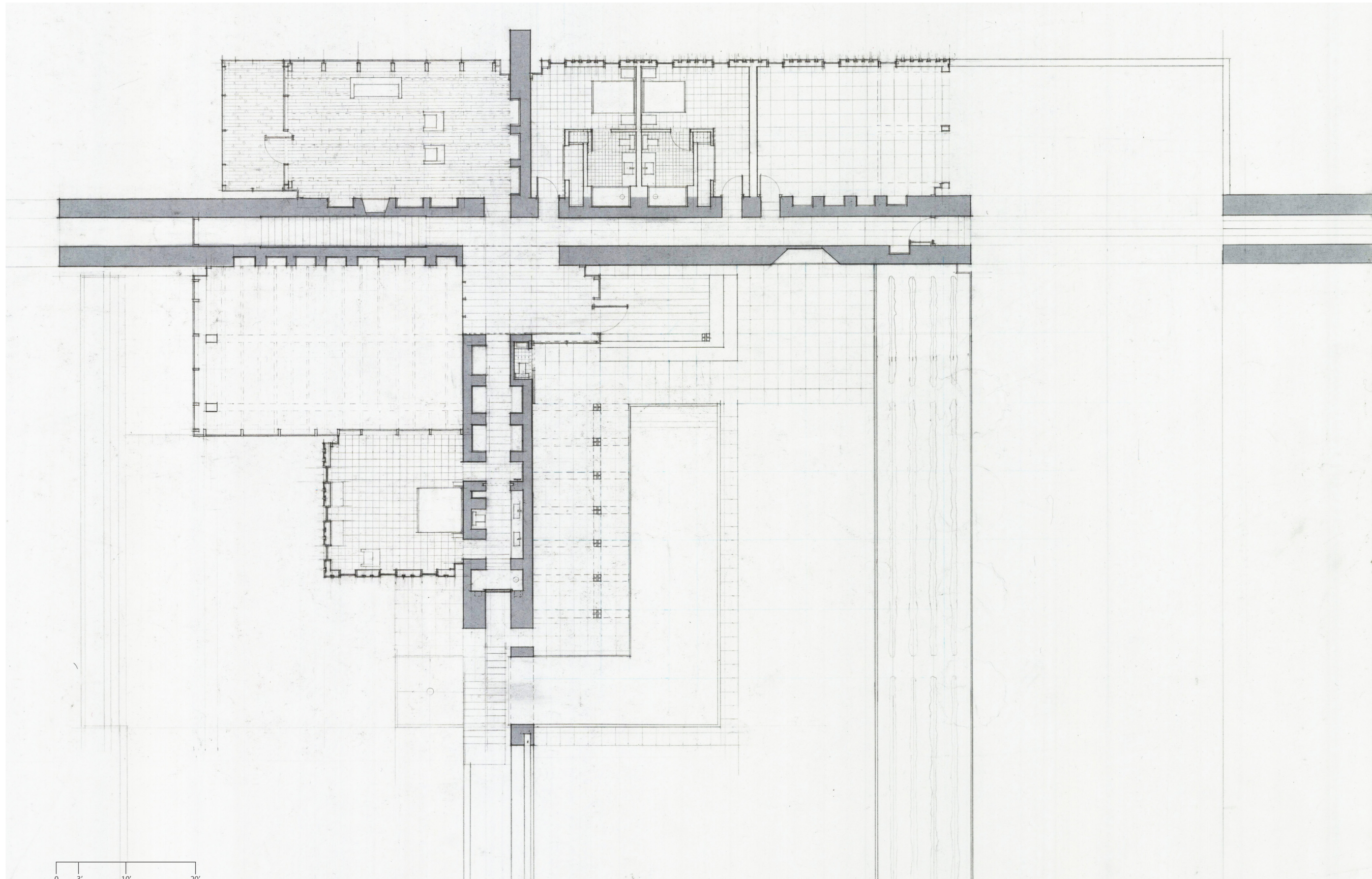
Would it make more sense to put door between the walls instead of in the kitchen

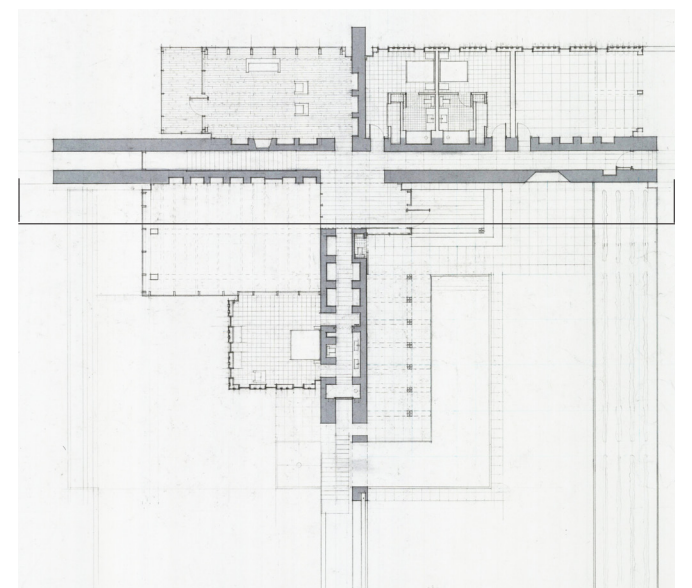
How do I use this space?

Laundry chute

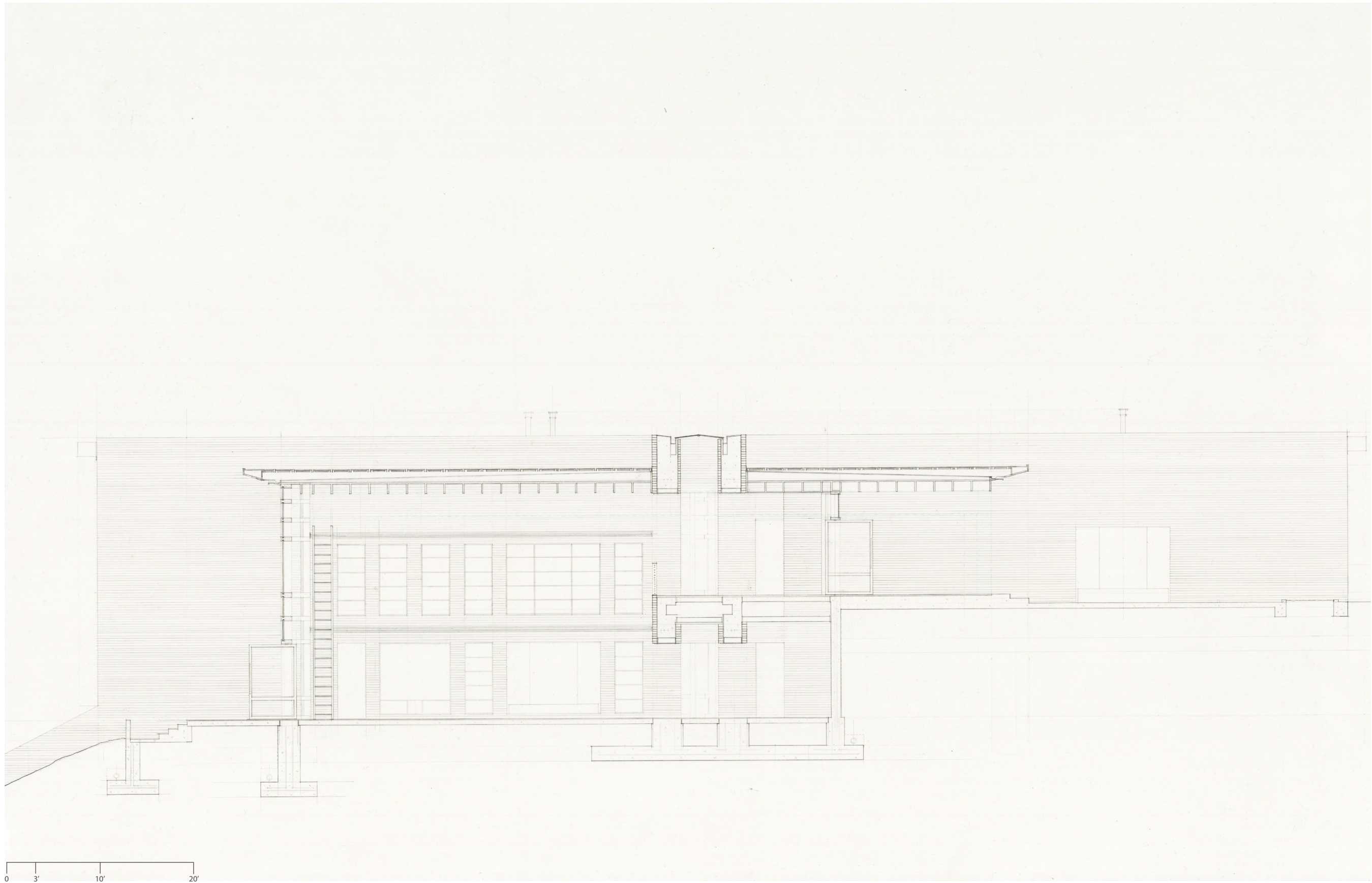
Crown bar

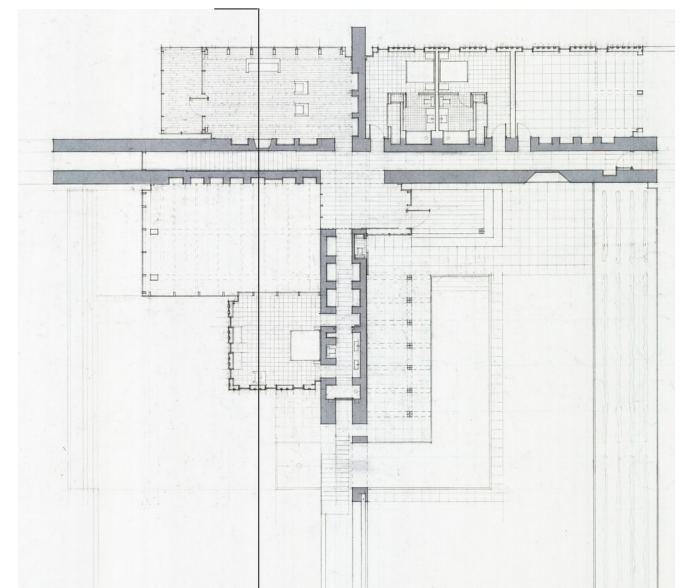
3' from wall end



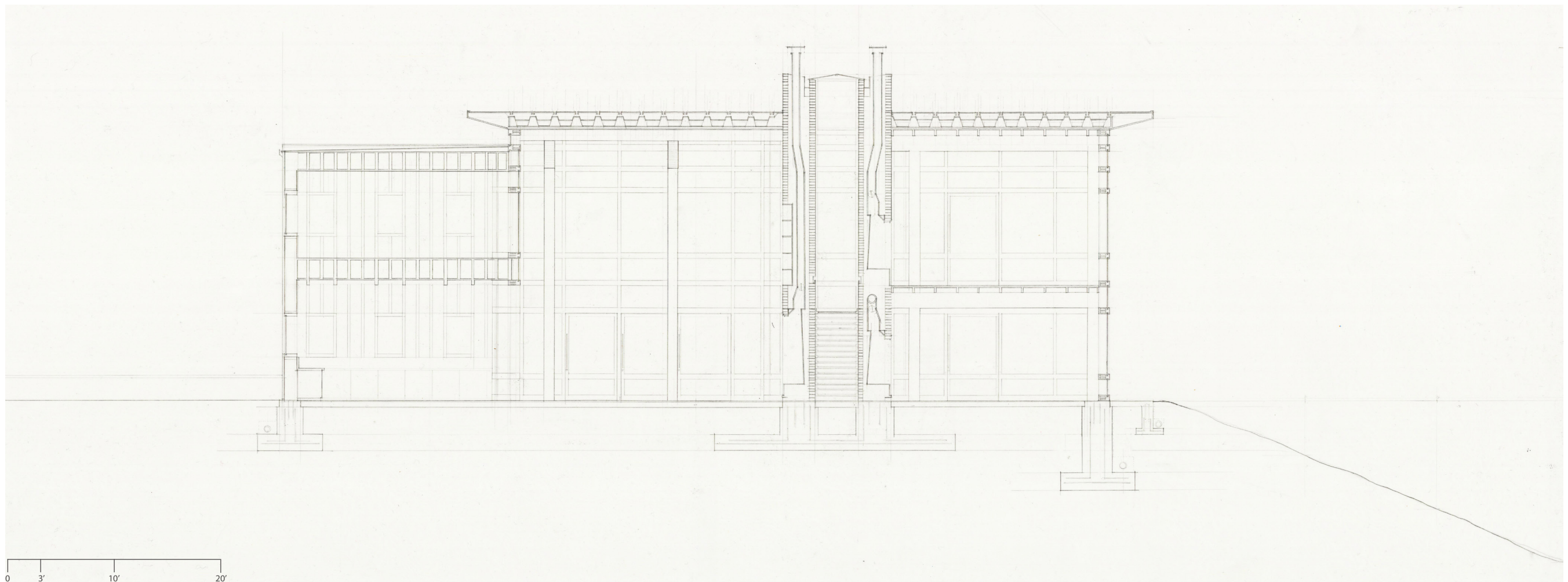


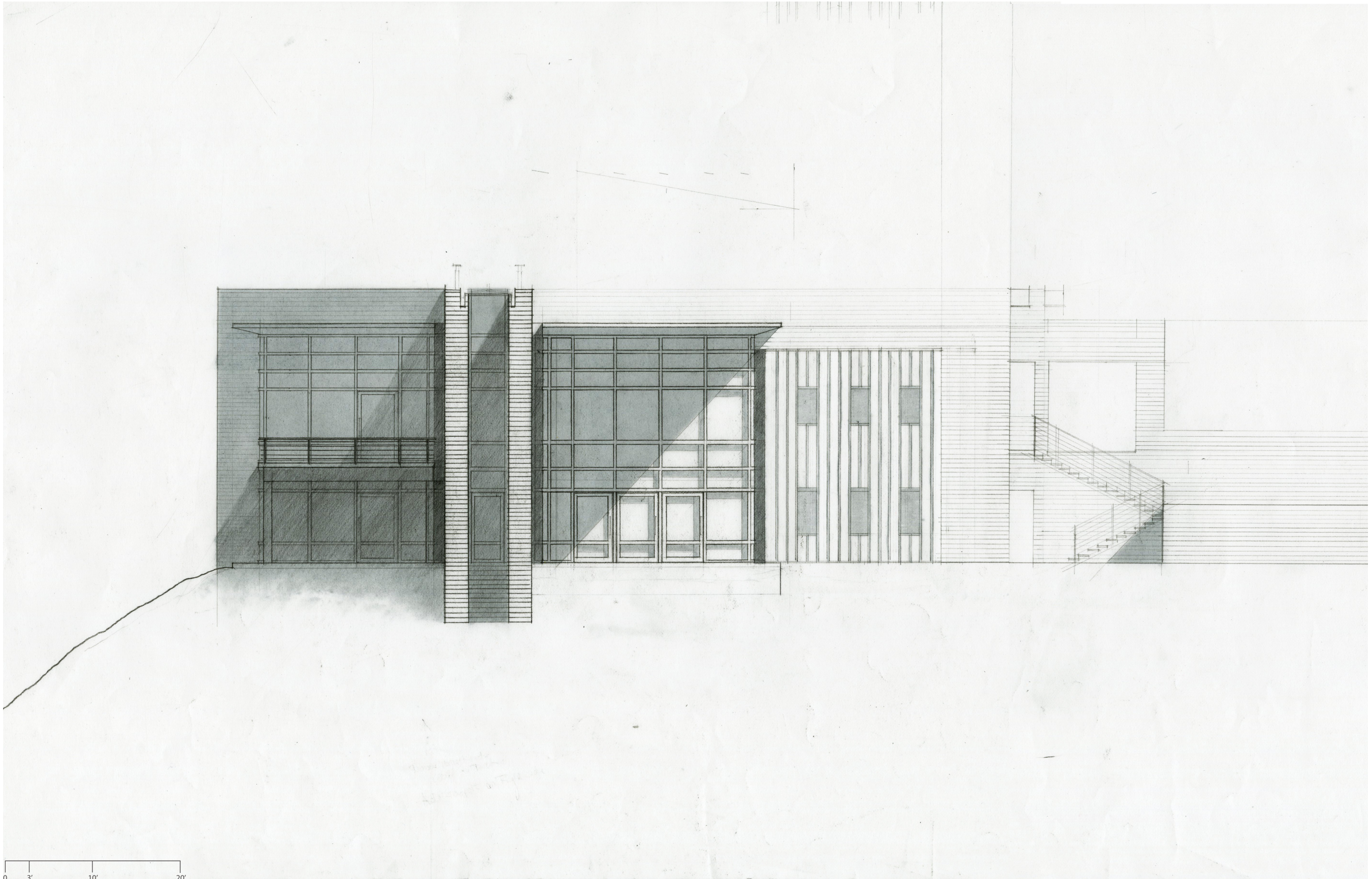
Longitudinal Section | Through Living Room, Foyer and Garden



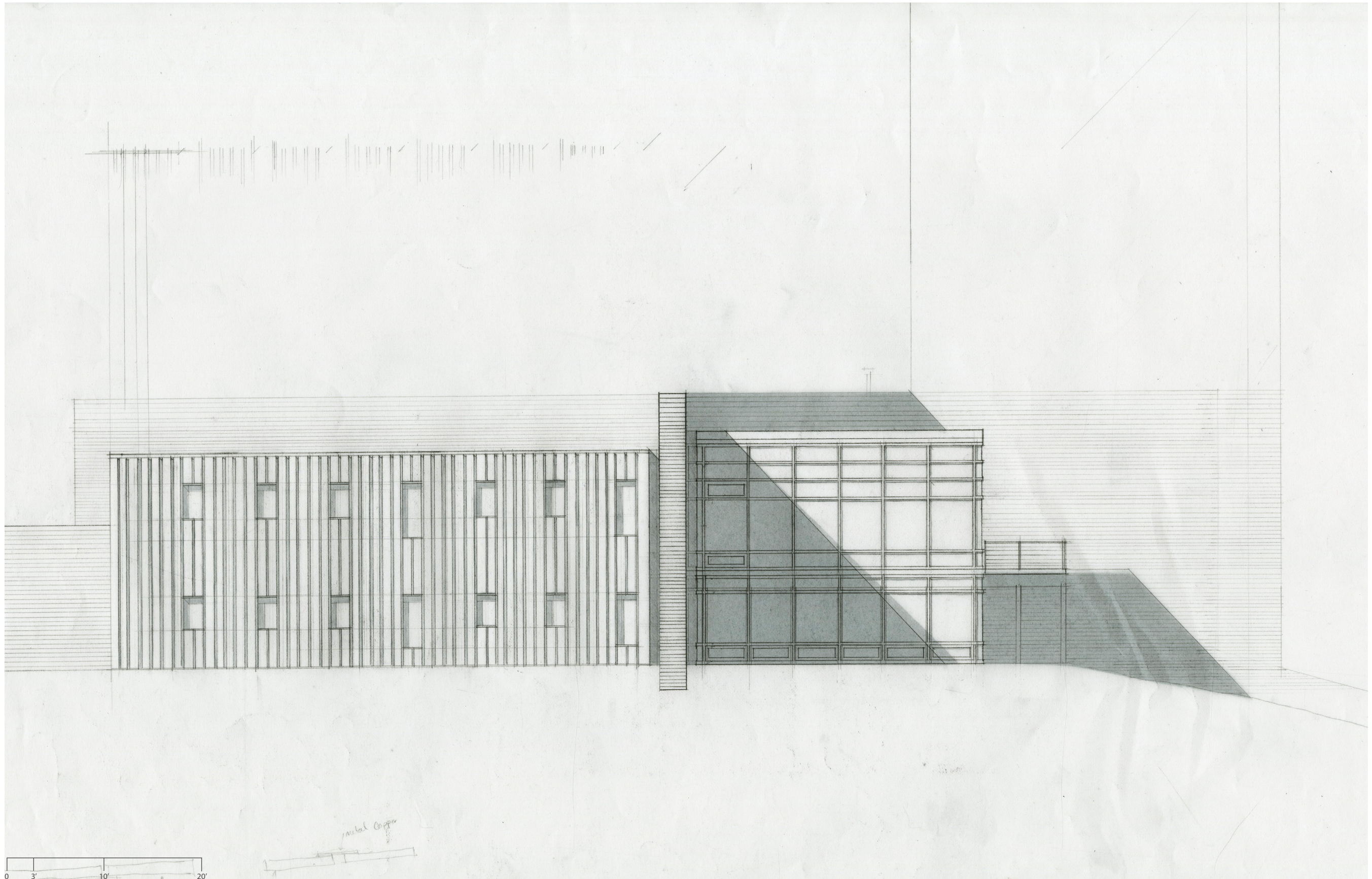


Transverse Section | Through Master Bedroom, Kitchen, Living Room, Parlor and Office



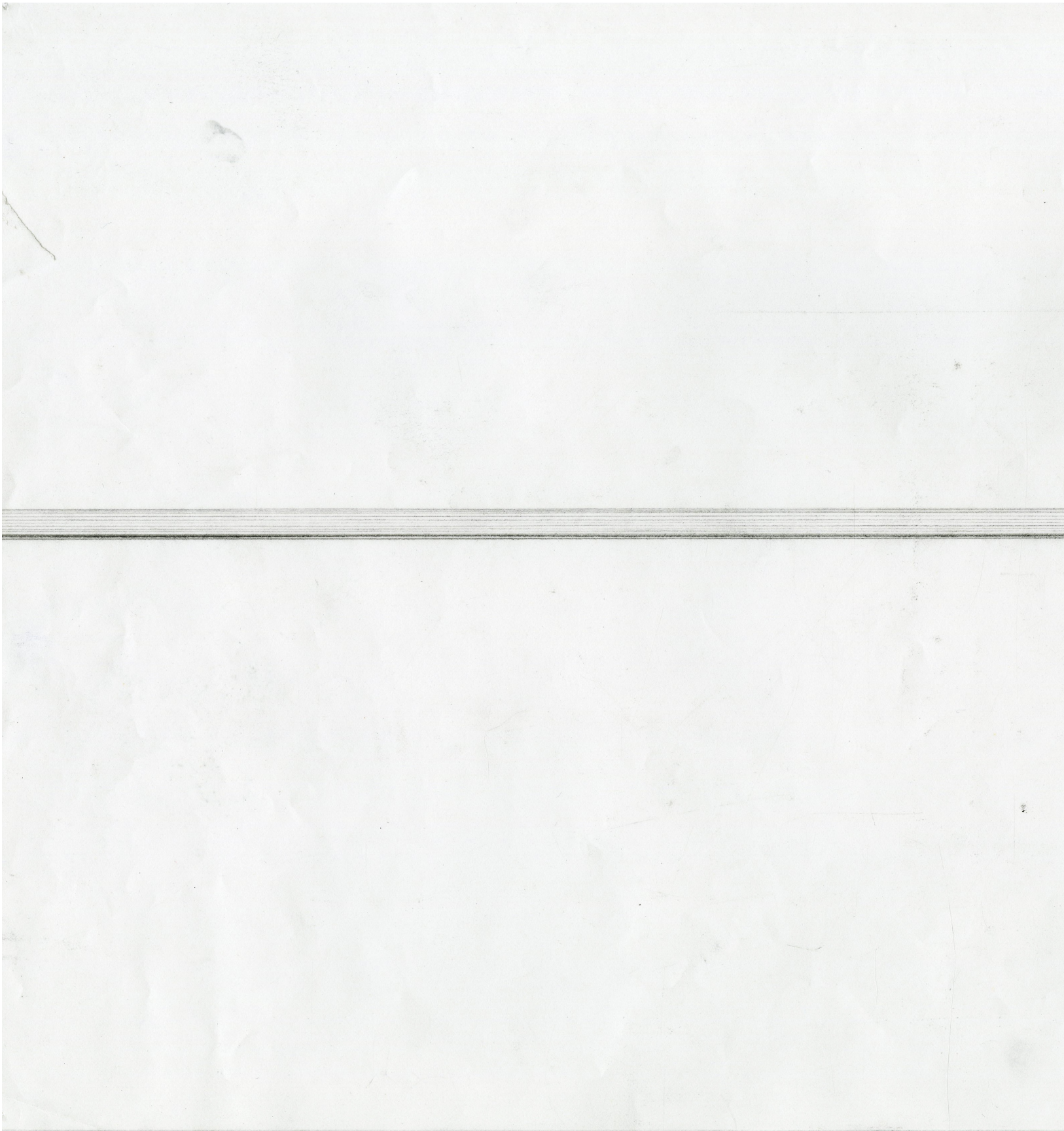


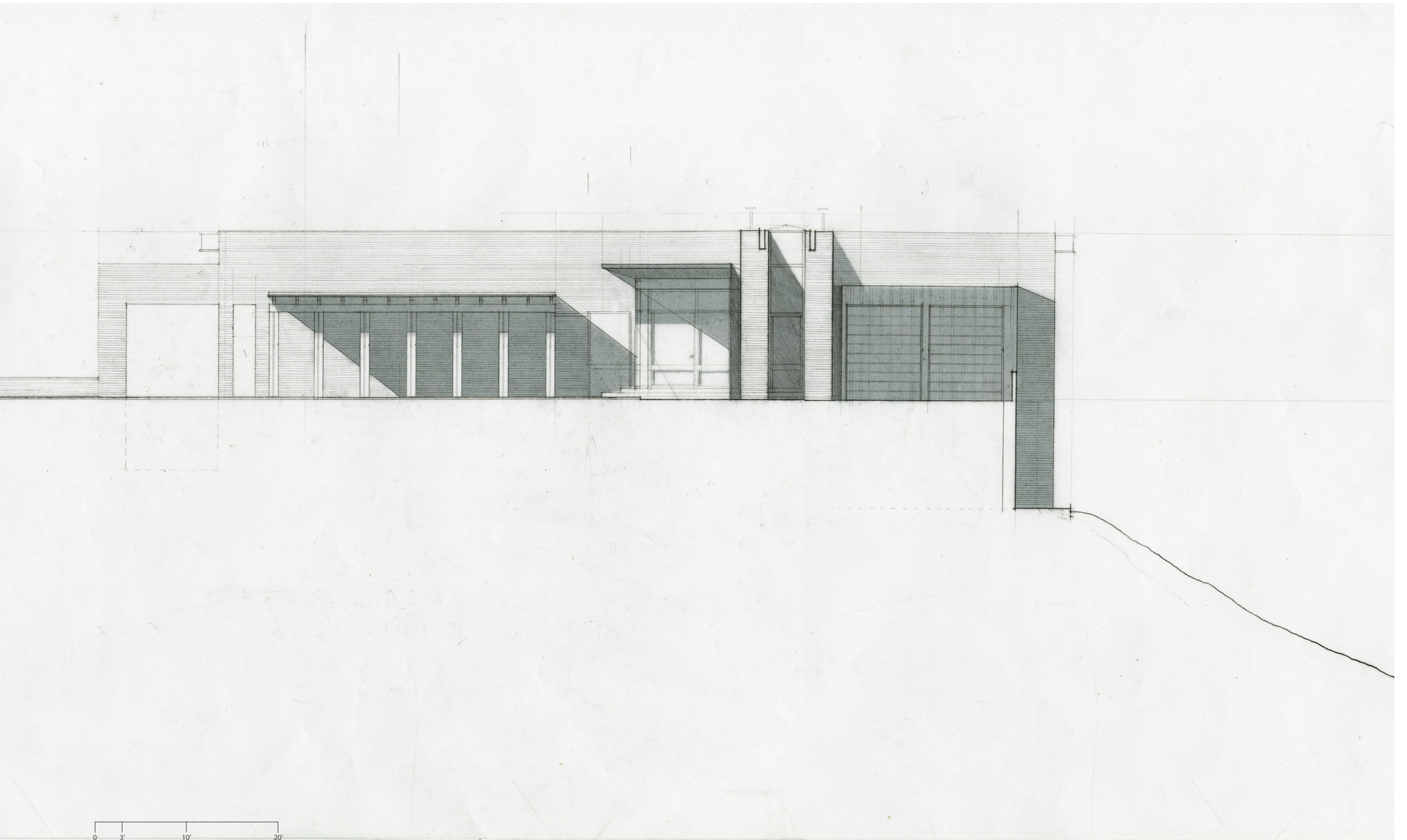
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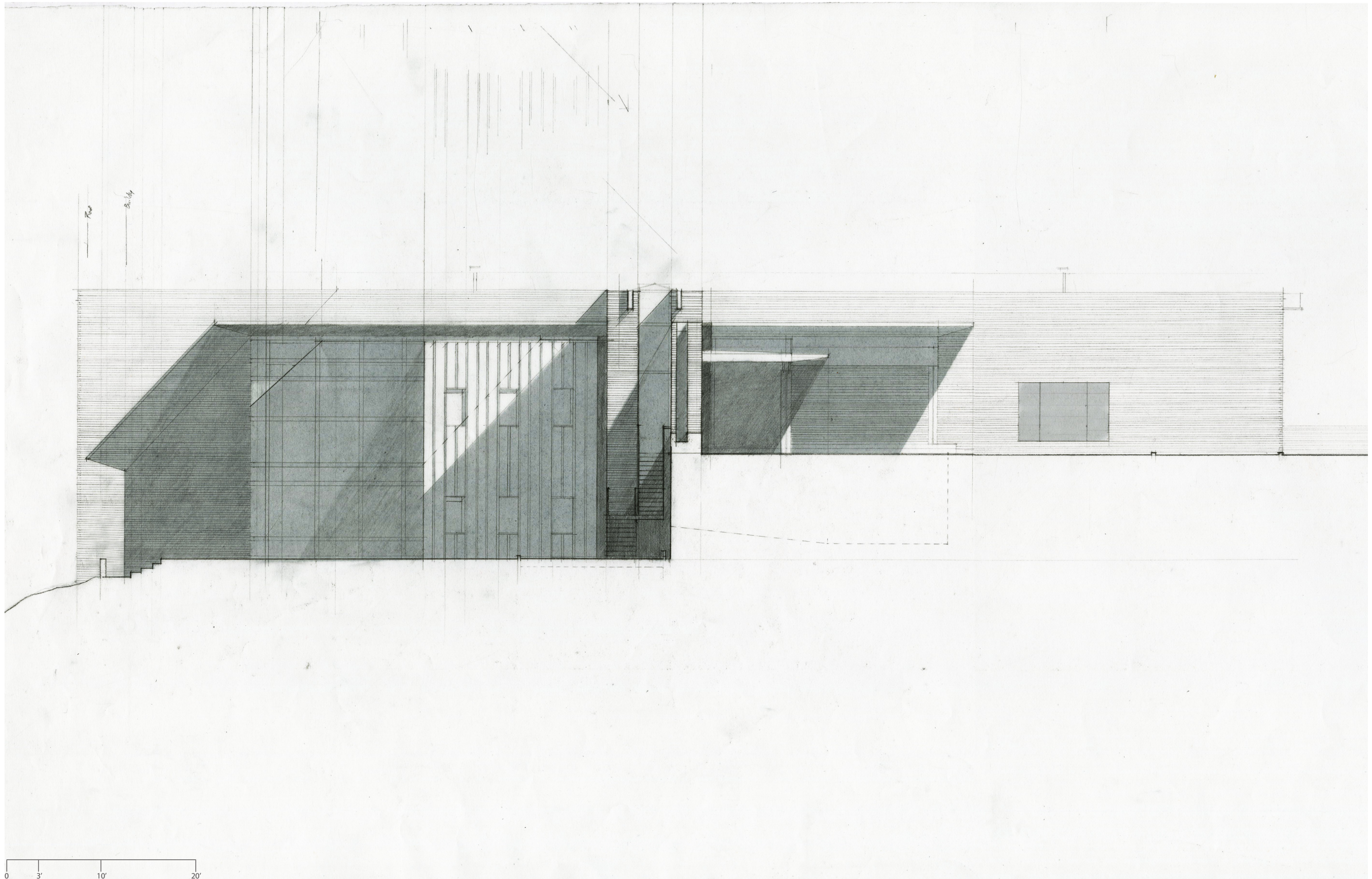


0 3' 10' 20'

metal copper







0 3' 10' 20'



Render | Formal Entry from Parking Area



Render | Entry



Render | Hallway Knuckle looking into Foyer and the Living Room below



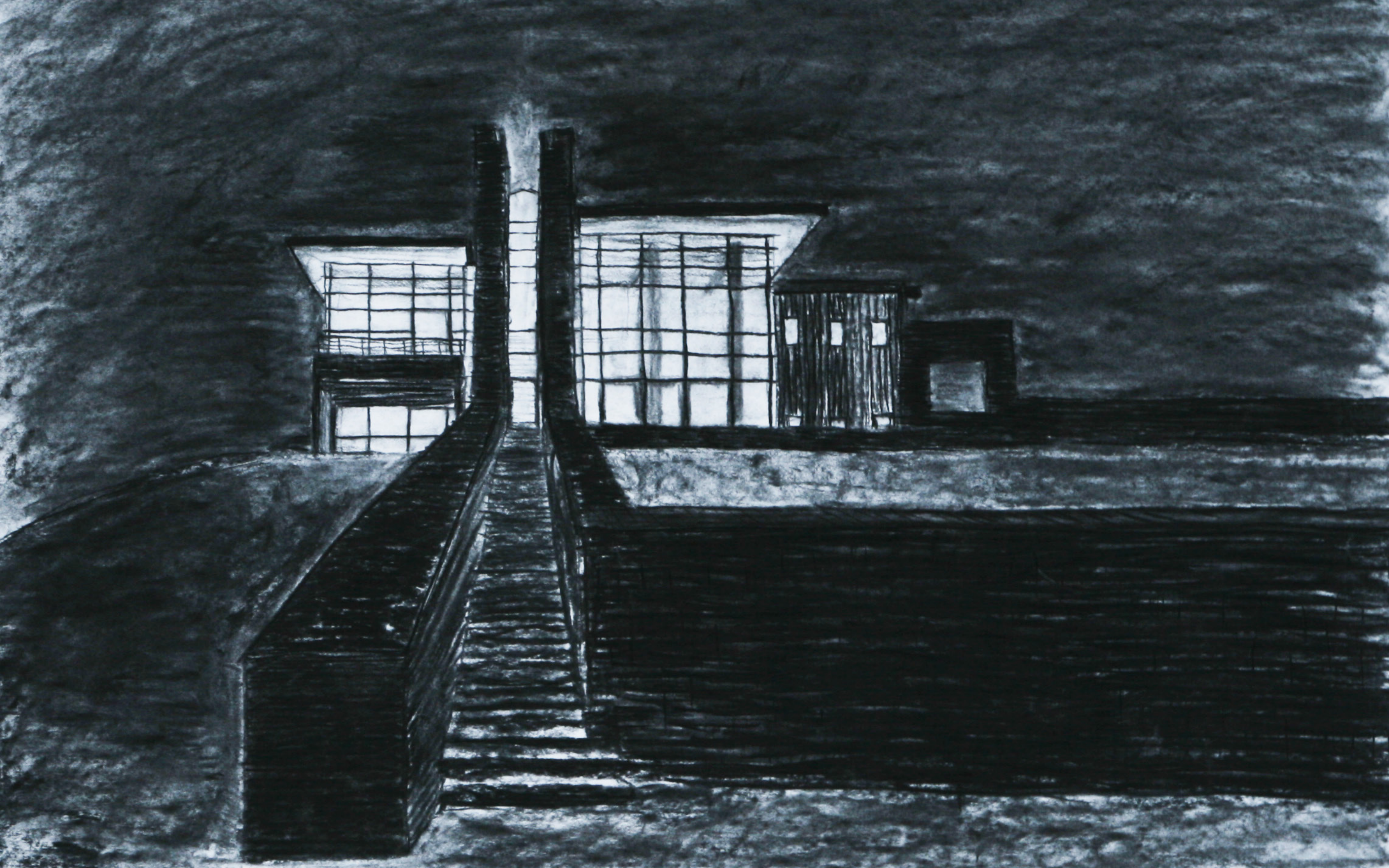
Render | Foyer looking into Living Room and Hallway

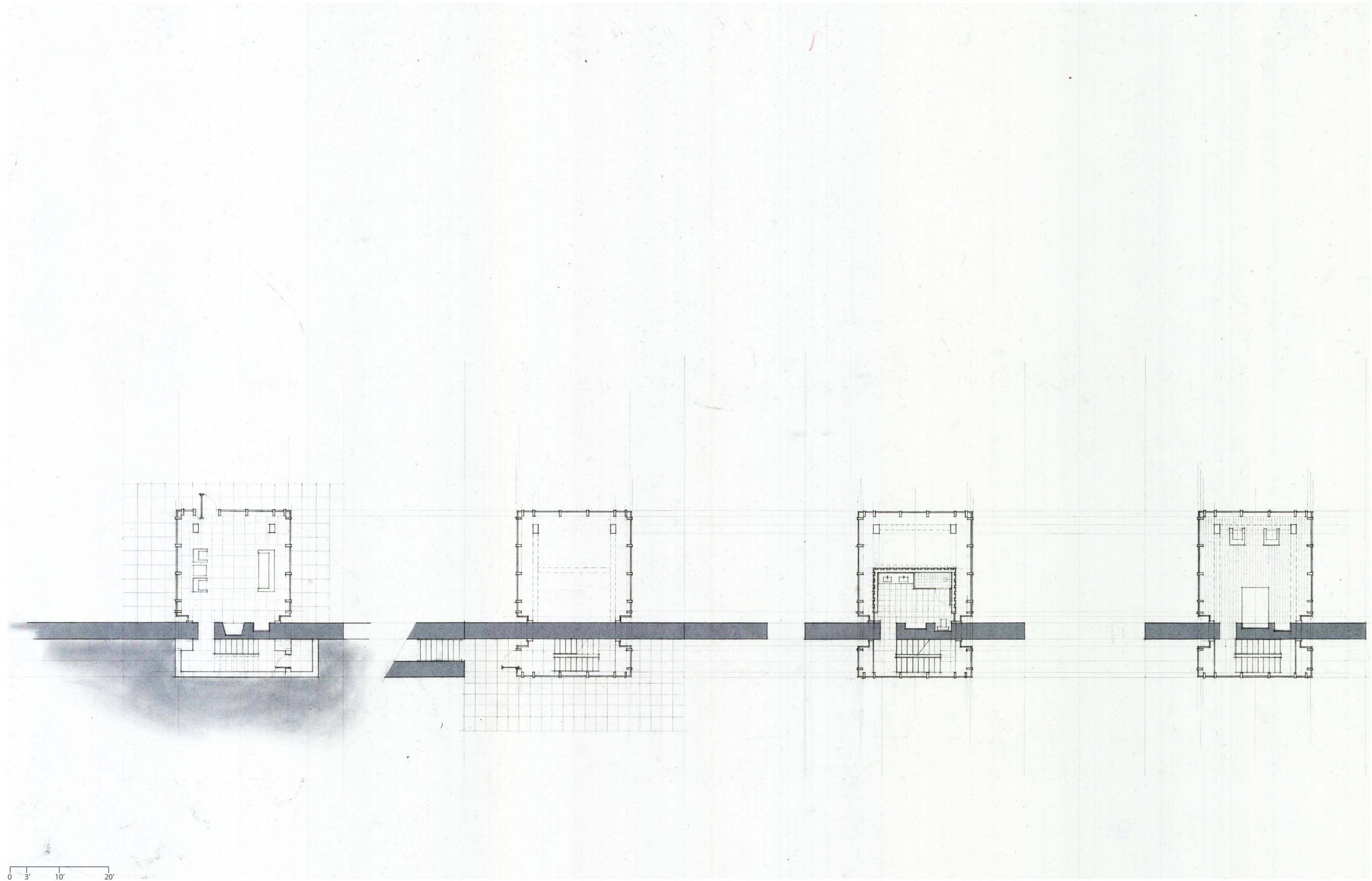


Render | Garden looking back at Foyer and Patio

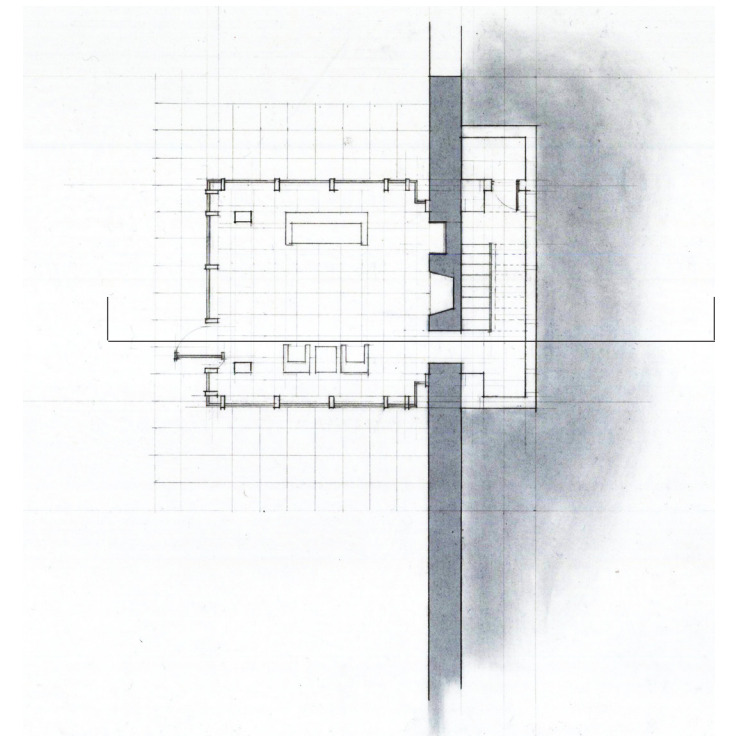


Render | Patio looking back at Foyer and Garden

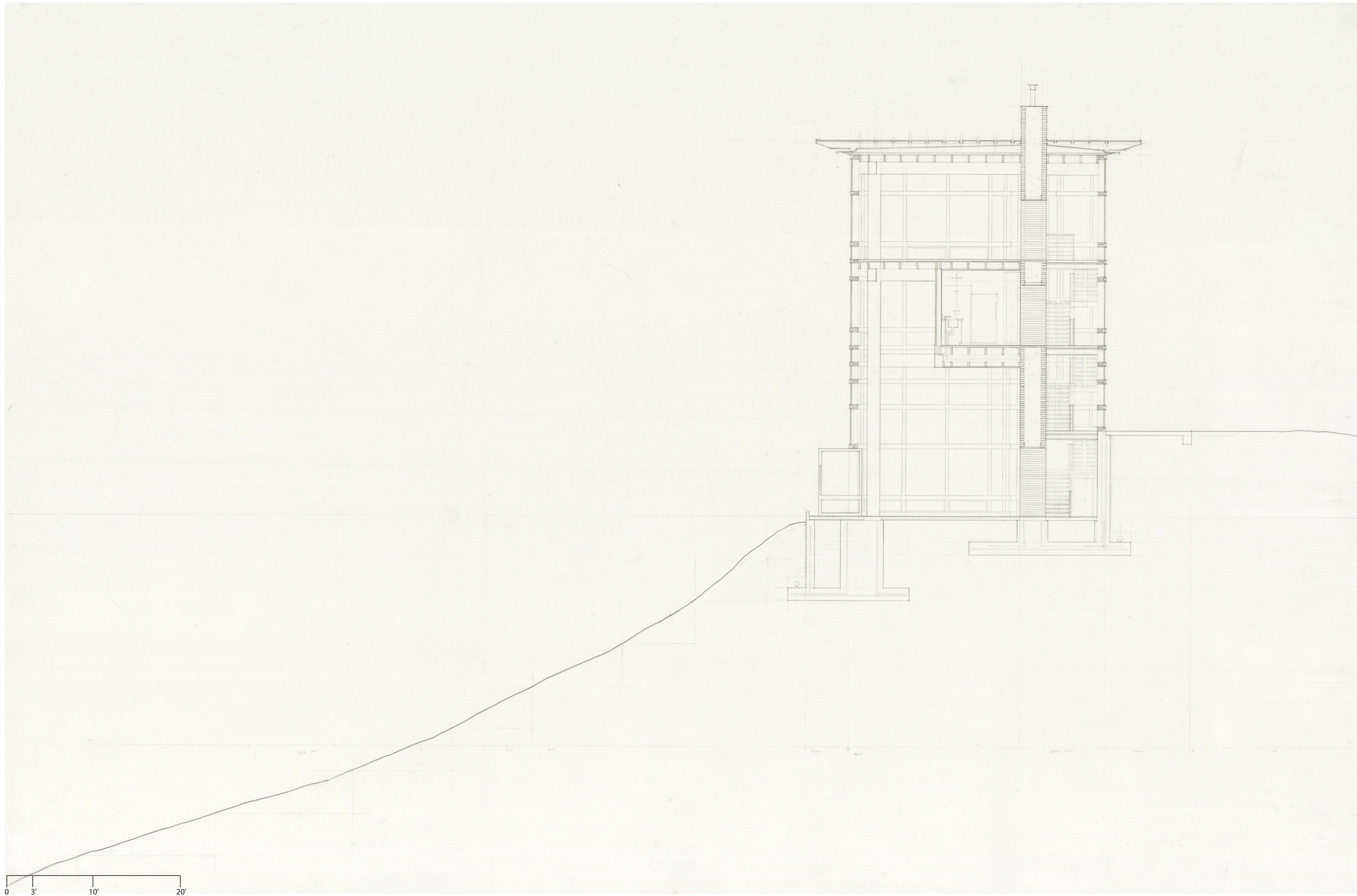


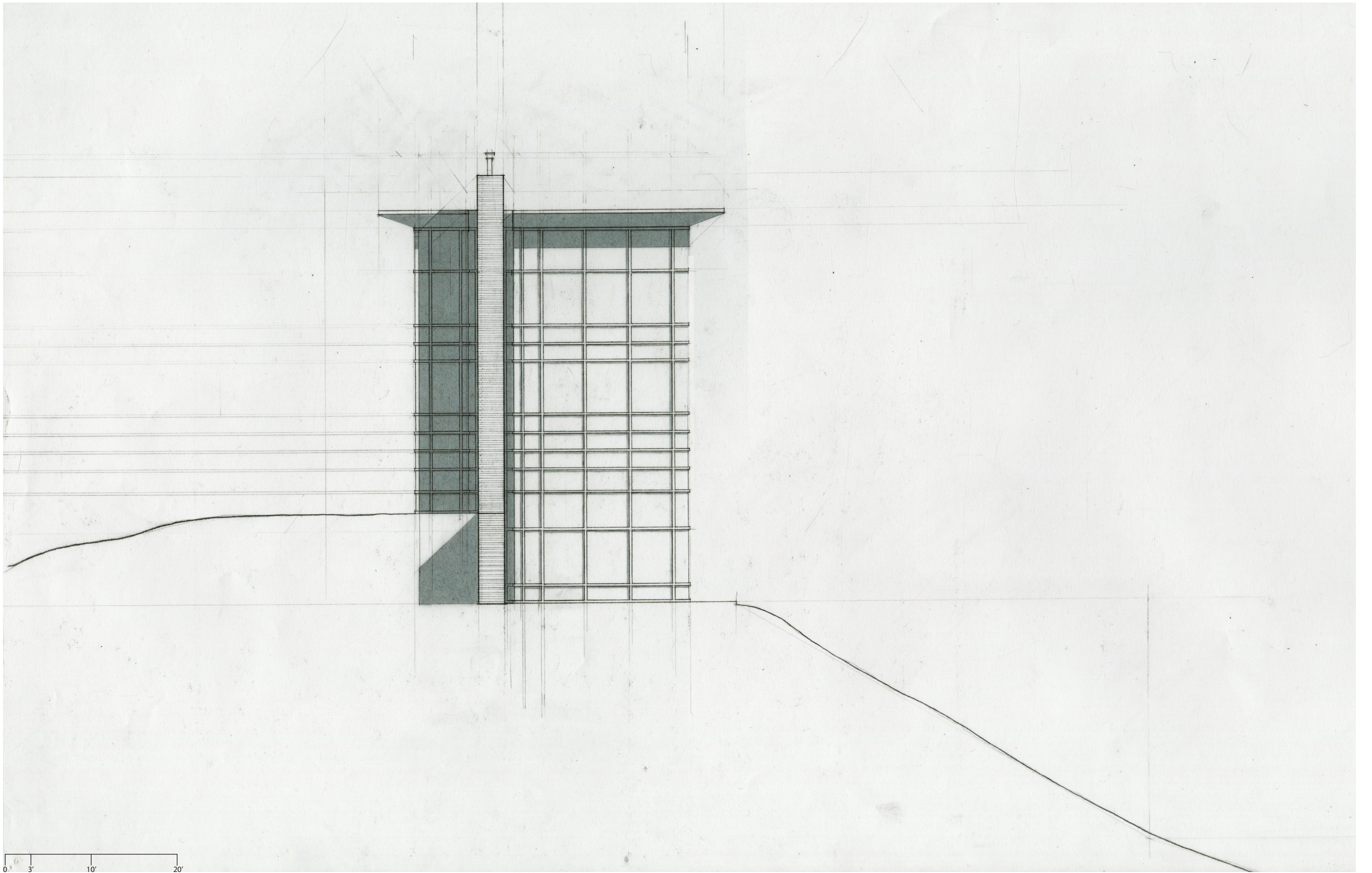


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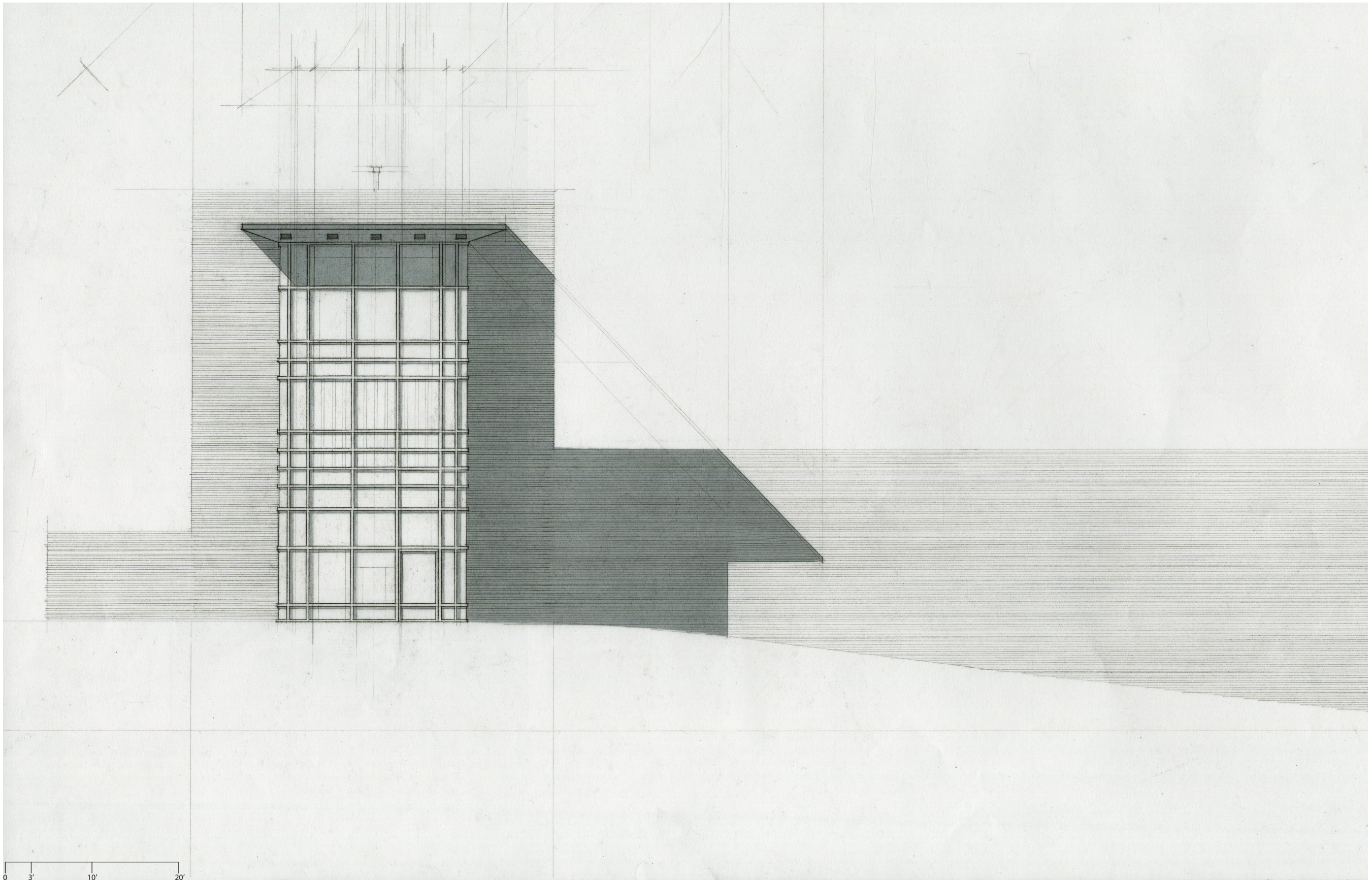


Tower Section | Through Living Area, Bathroom, and Bedroom



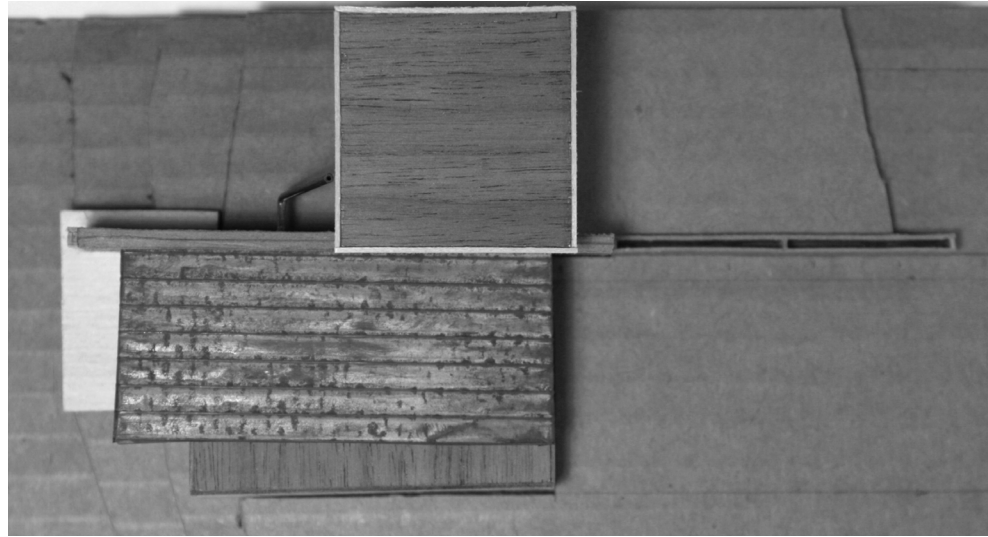


0' 3' 10' 20'

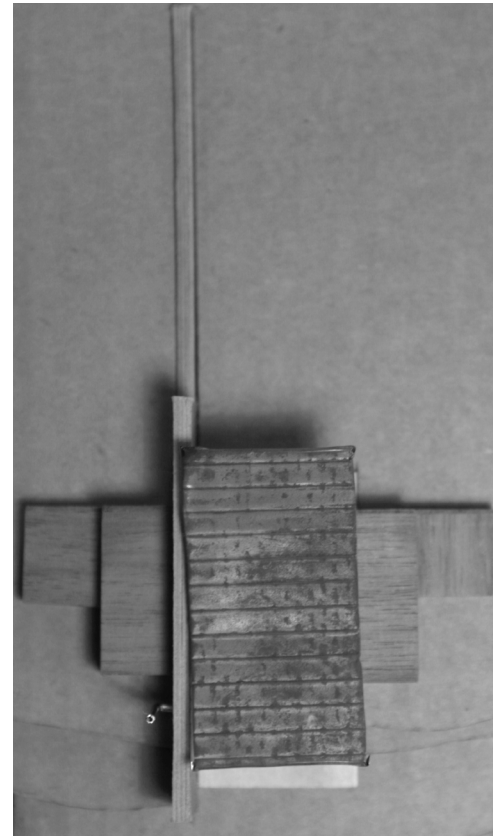




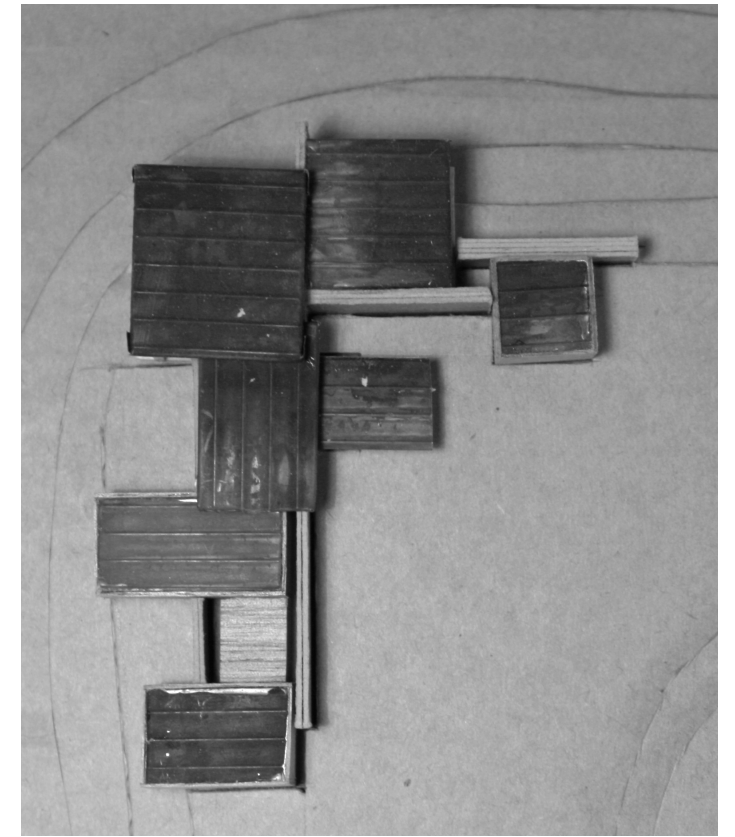
Design Iterations



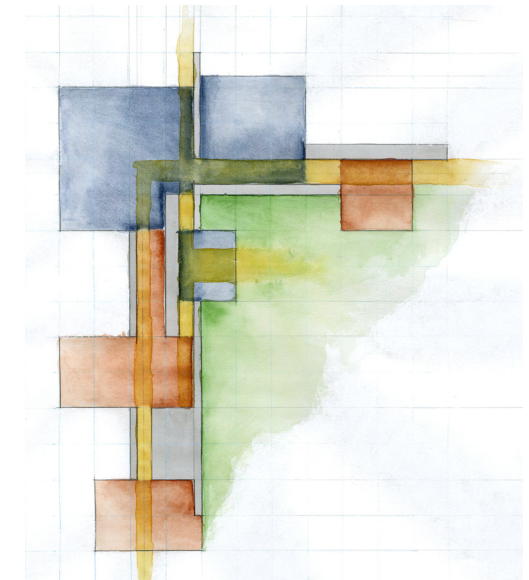
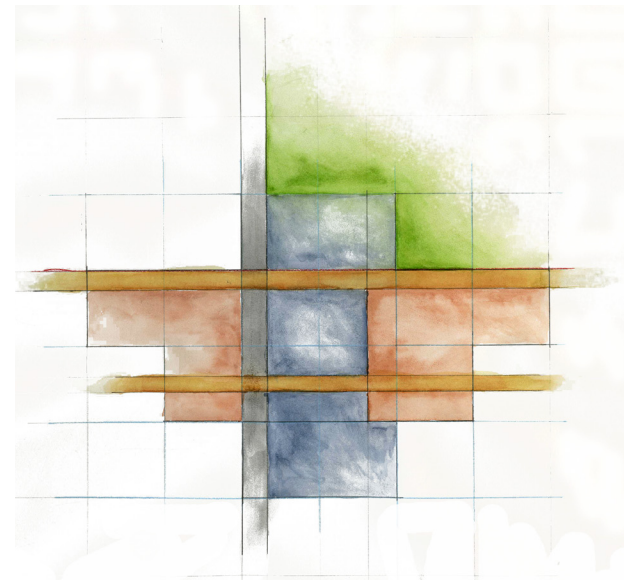
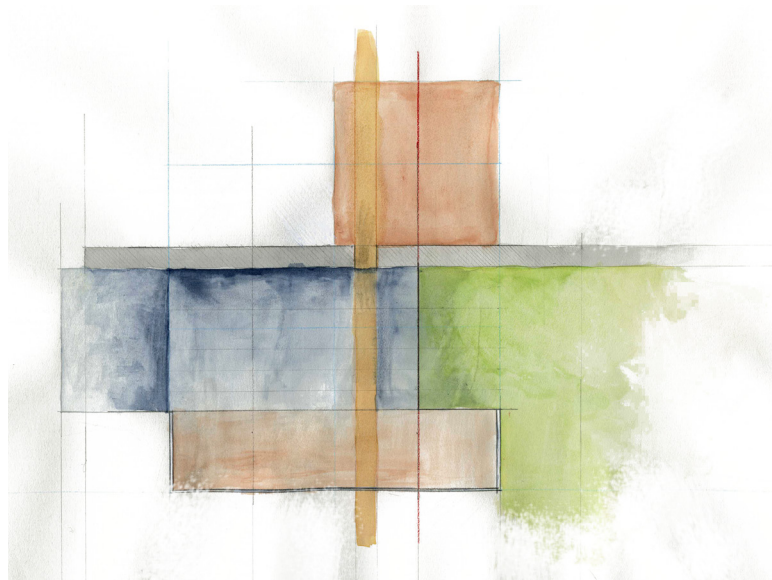
Study Model and Plan | Scheme 1

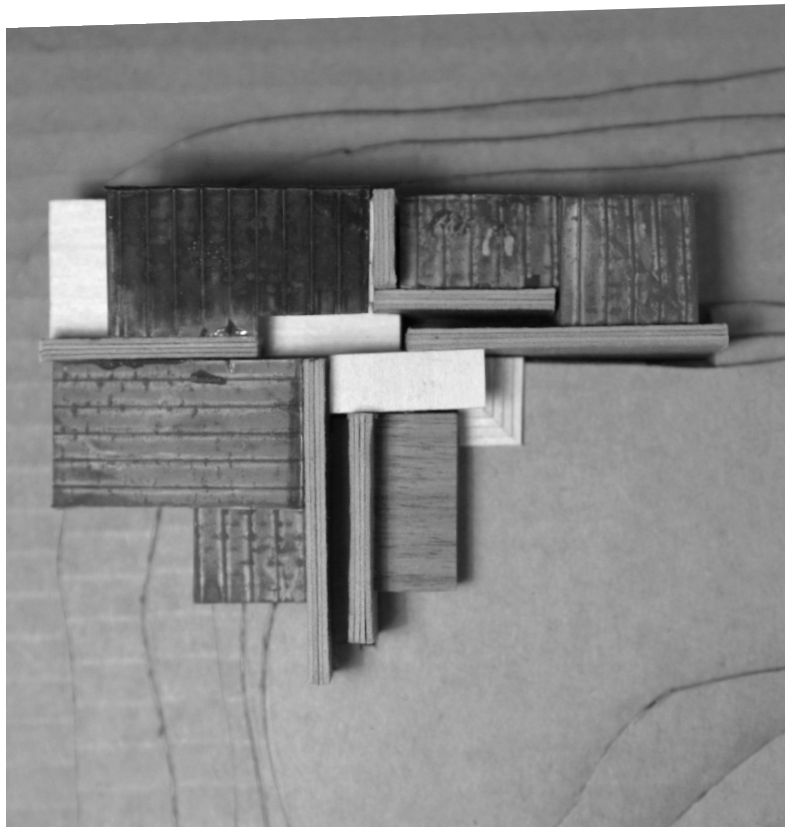


Study Model and Plan | Scheme 2

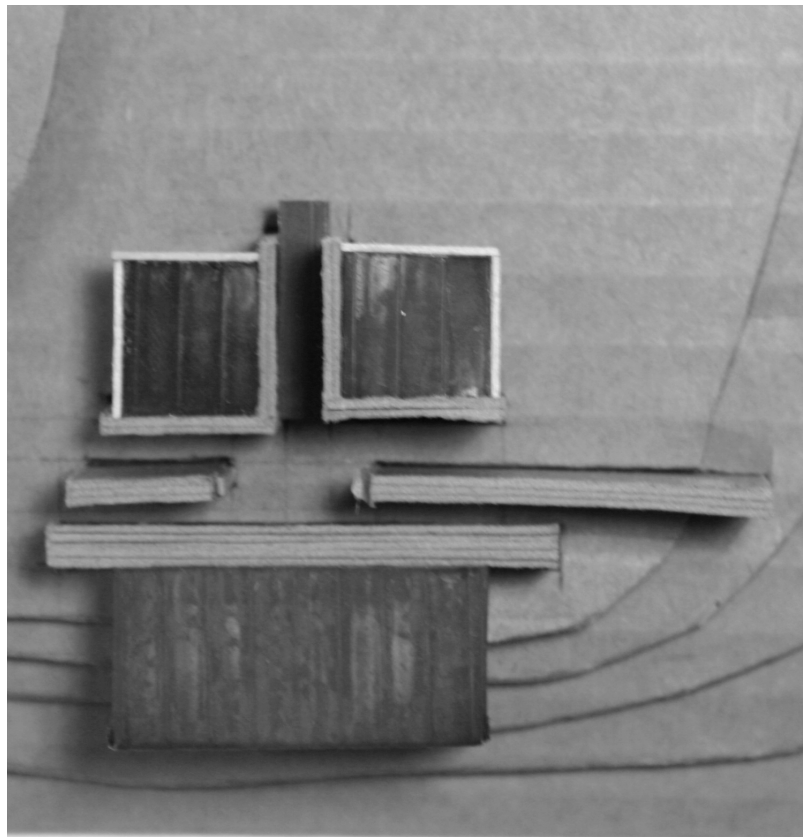


Study Model and Plan | Scheme 3

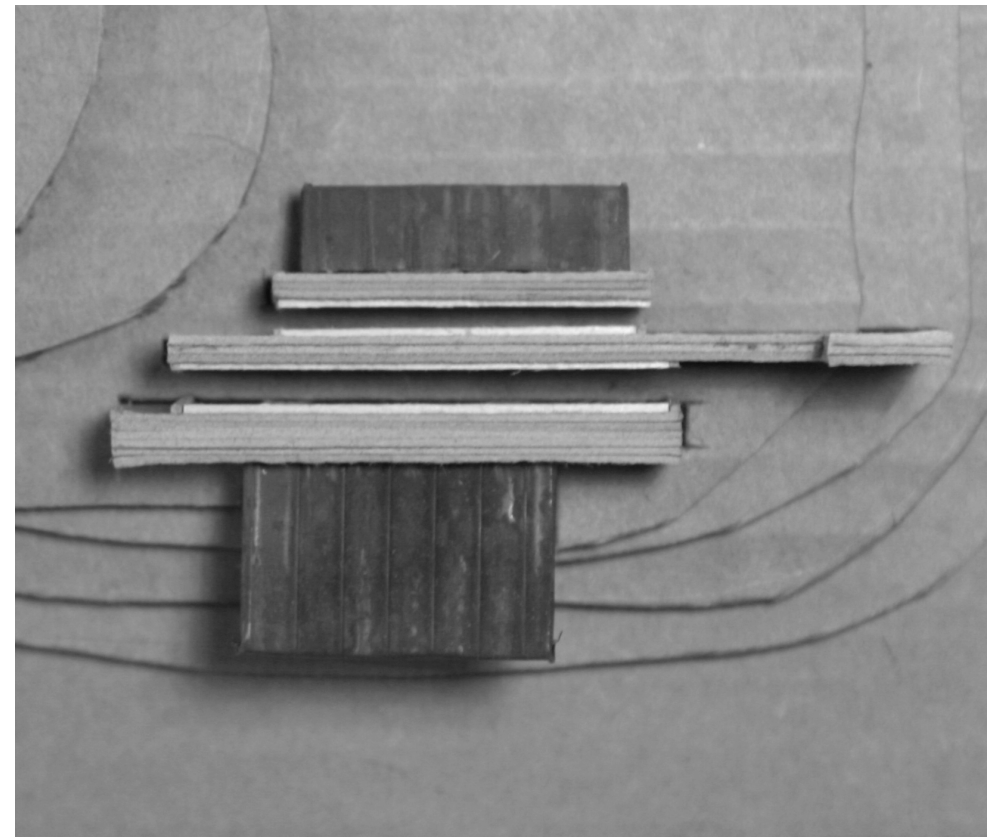




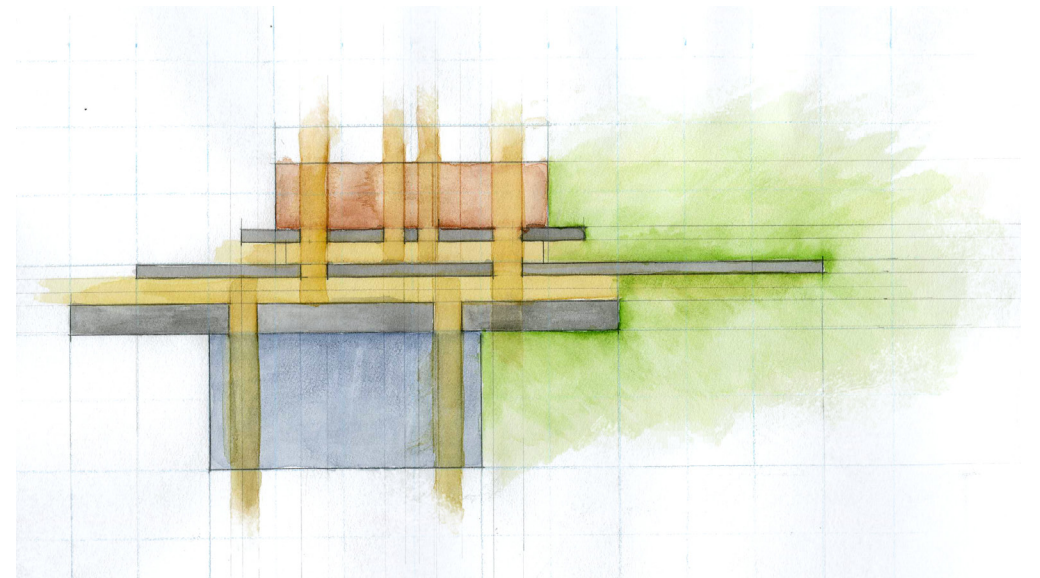
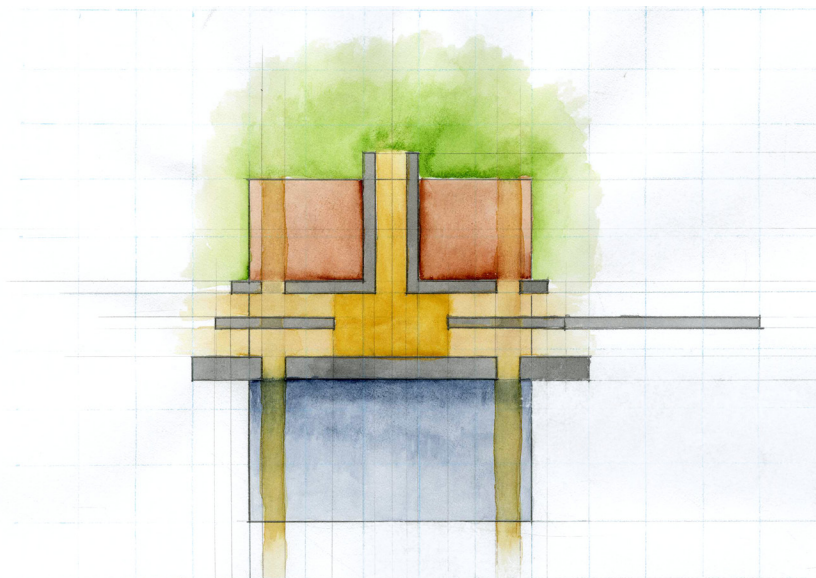
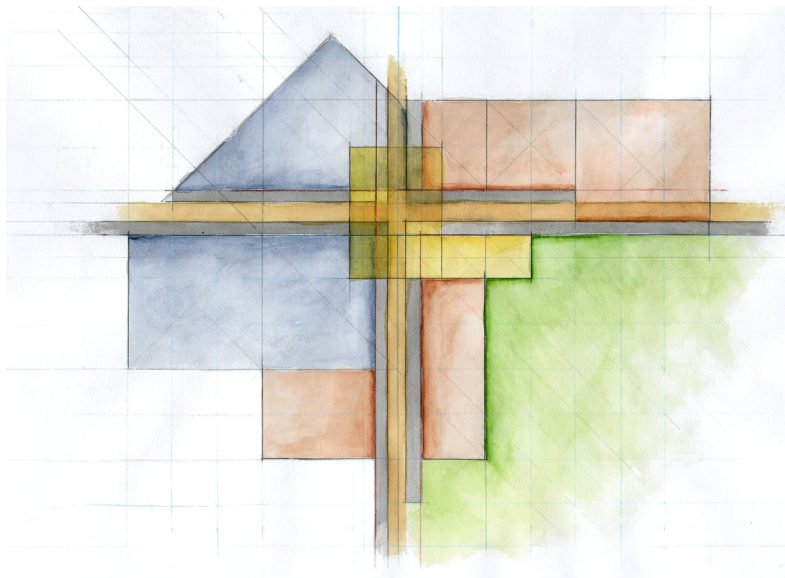
Study Model and Plan | Scheme 4

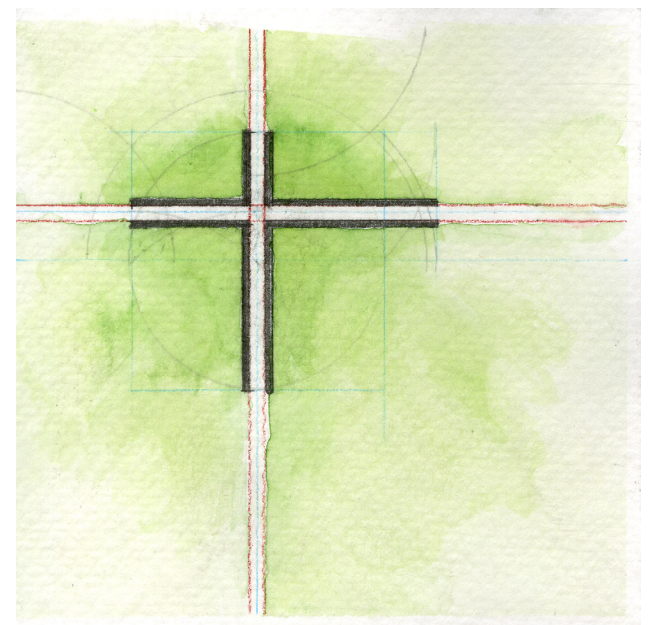
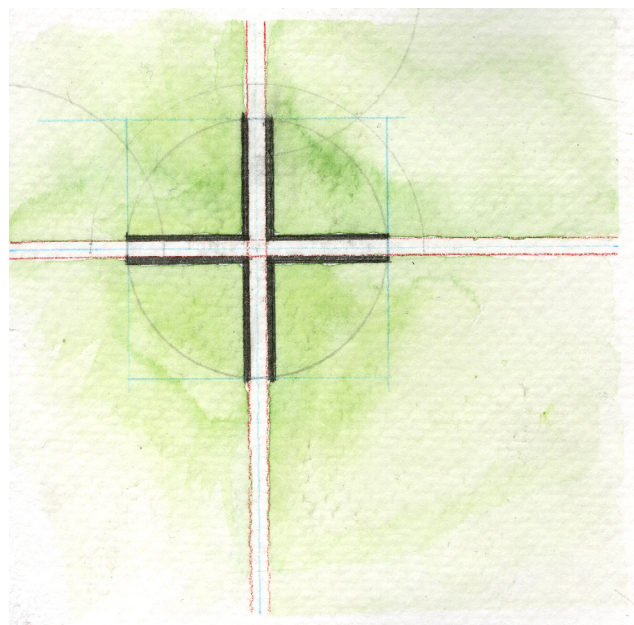
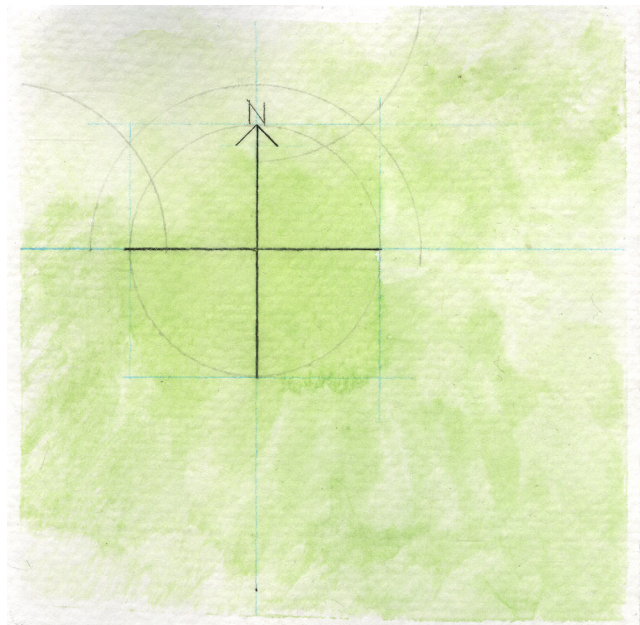


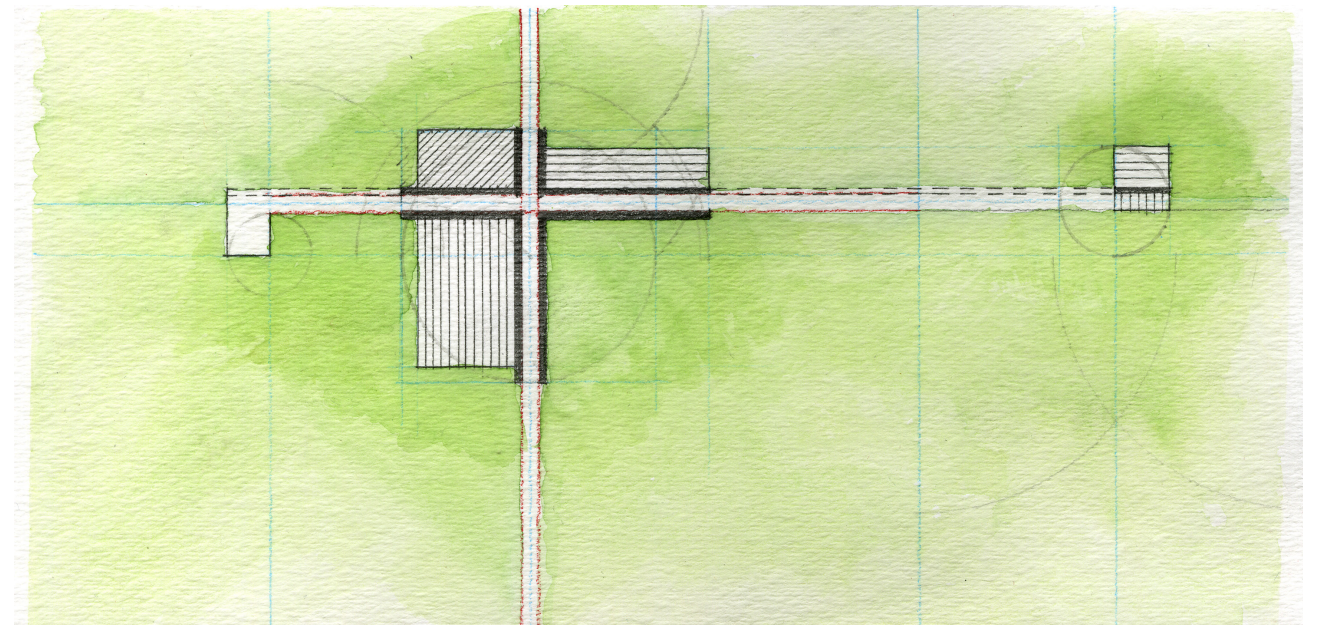
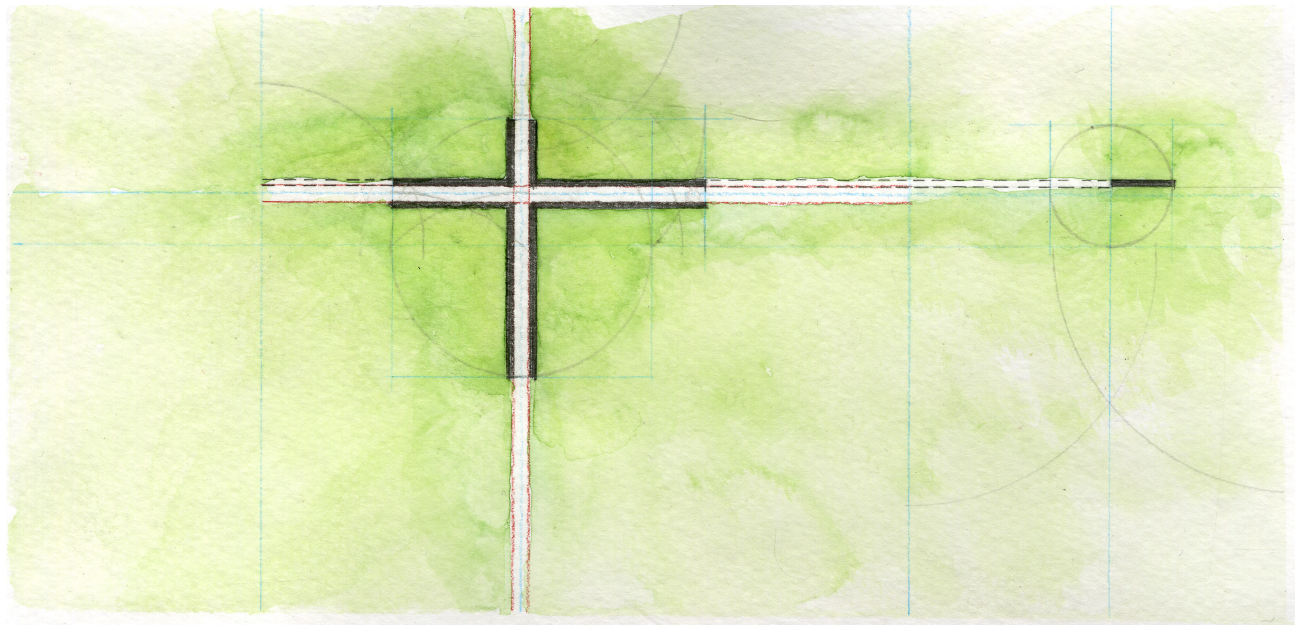
Study Model and Plan | Scheme 5

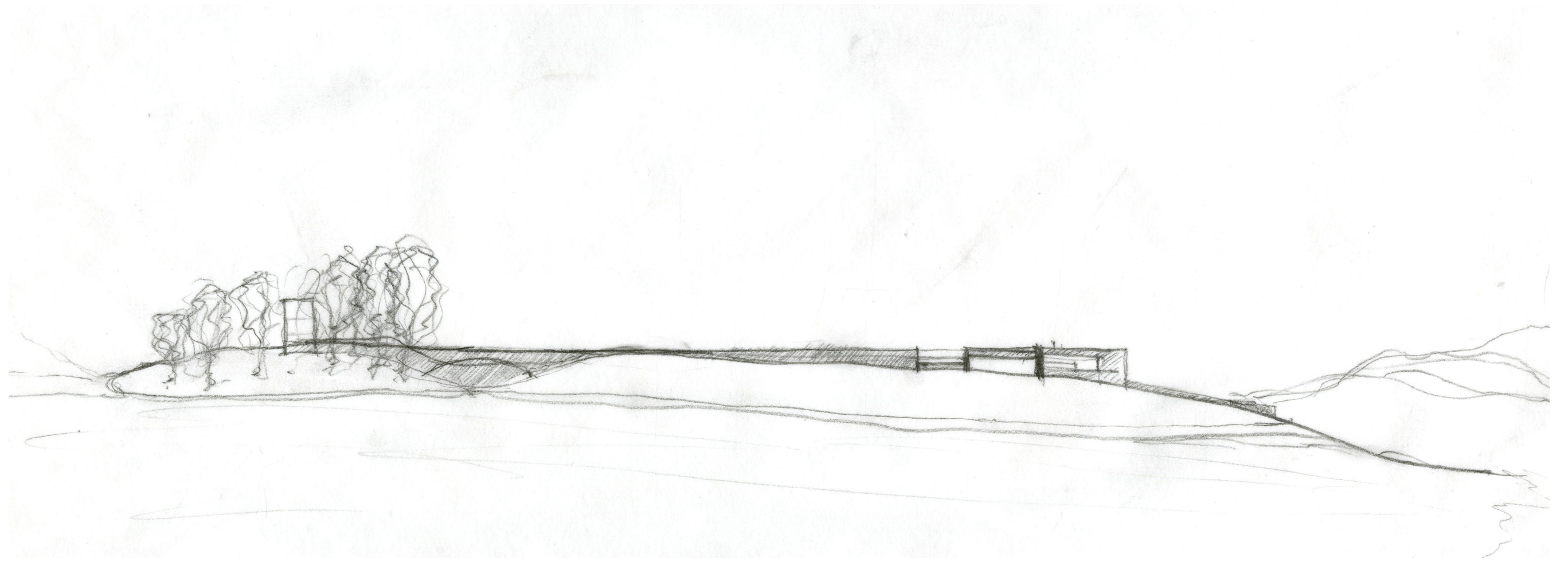


Study Model and Plan | Scheme 6

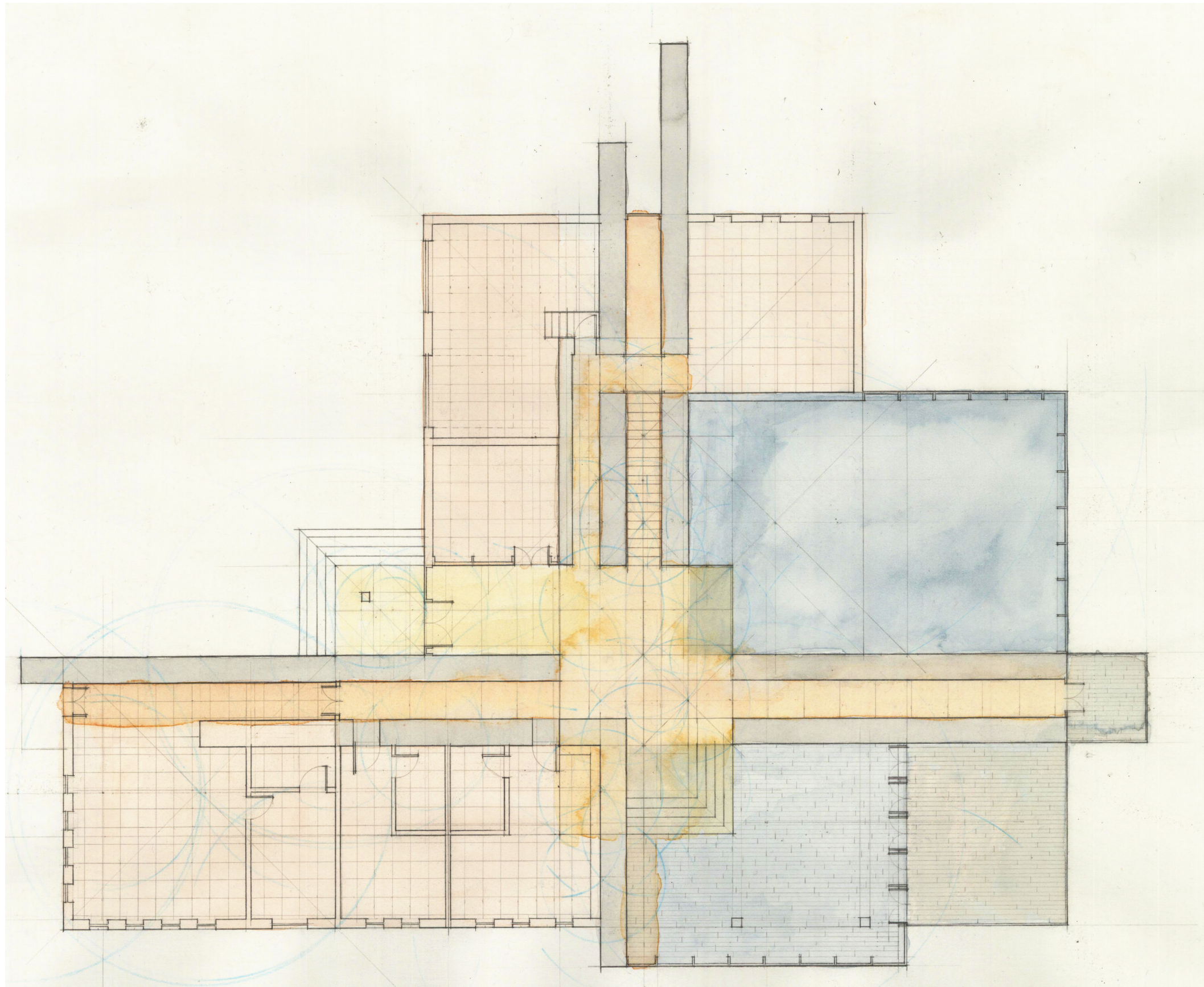


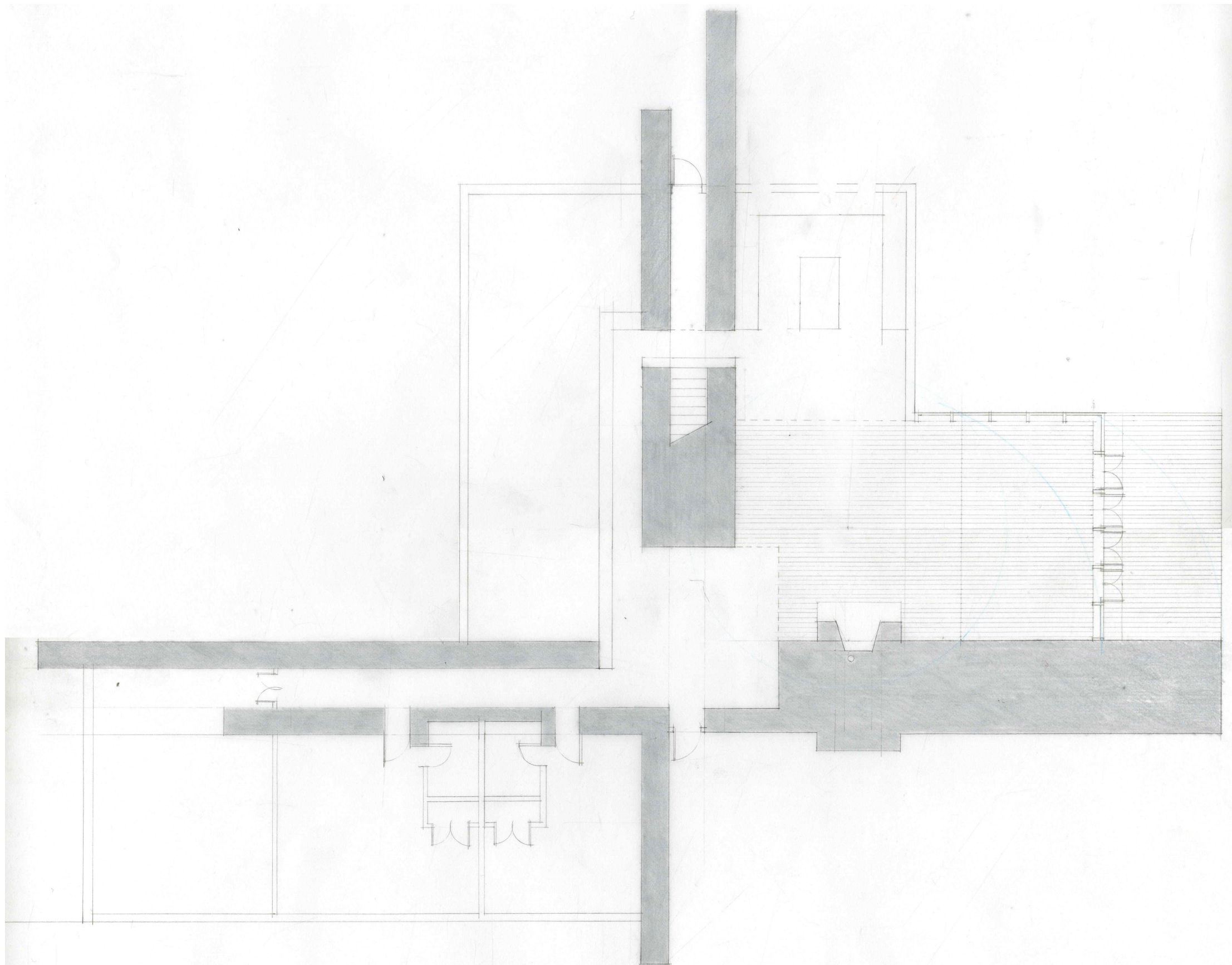


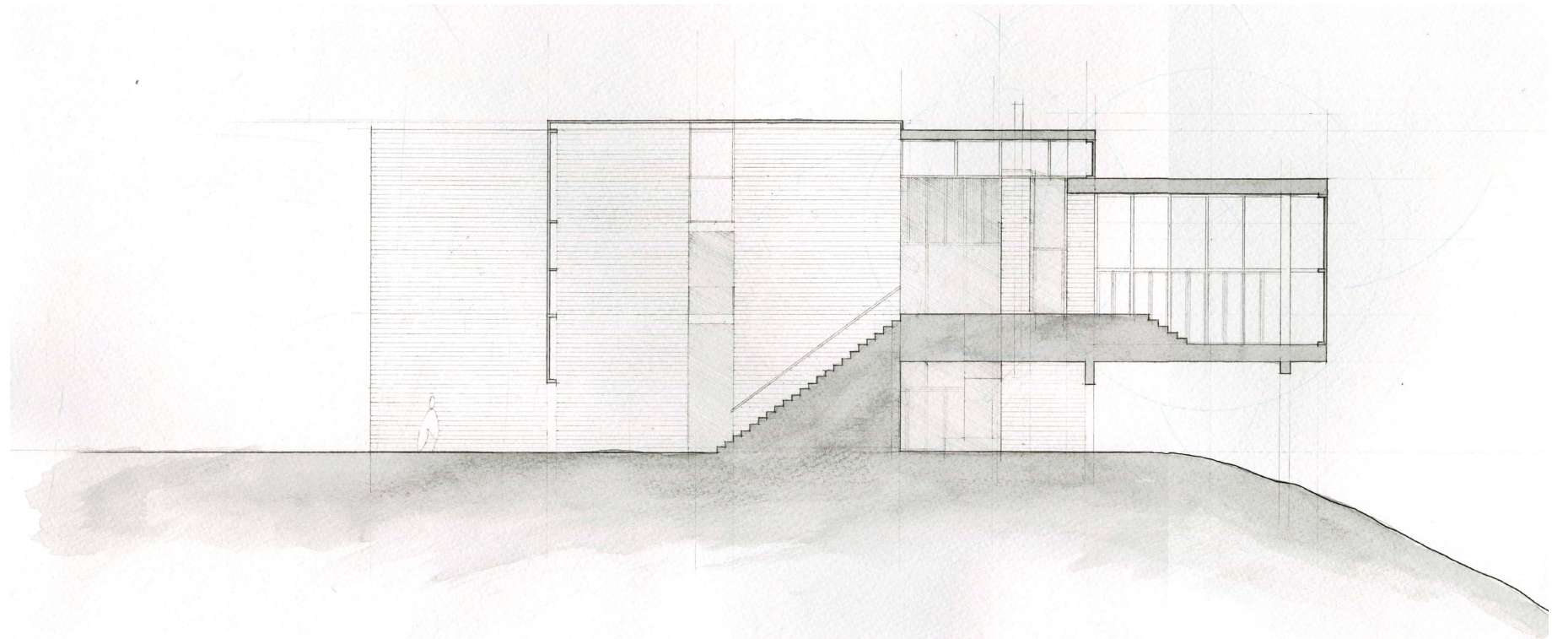






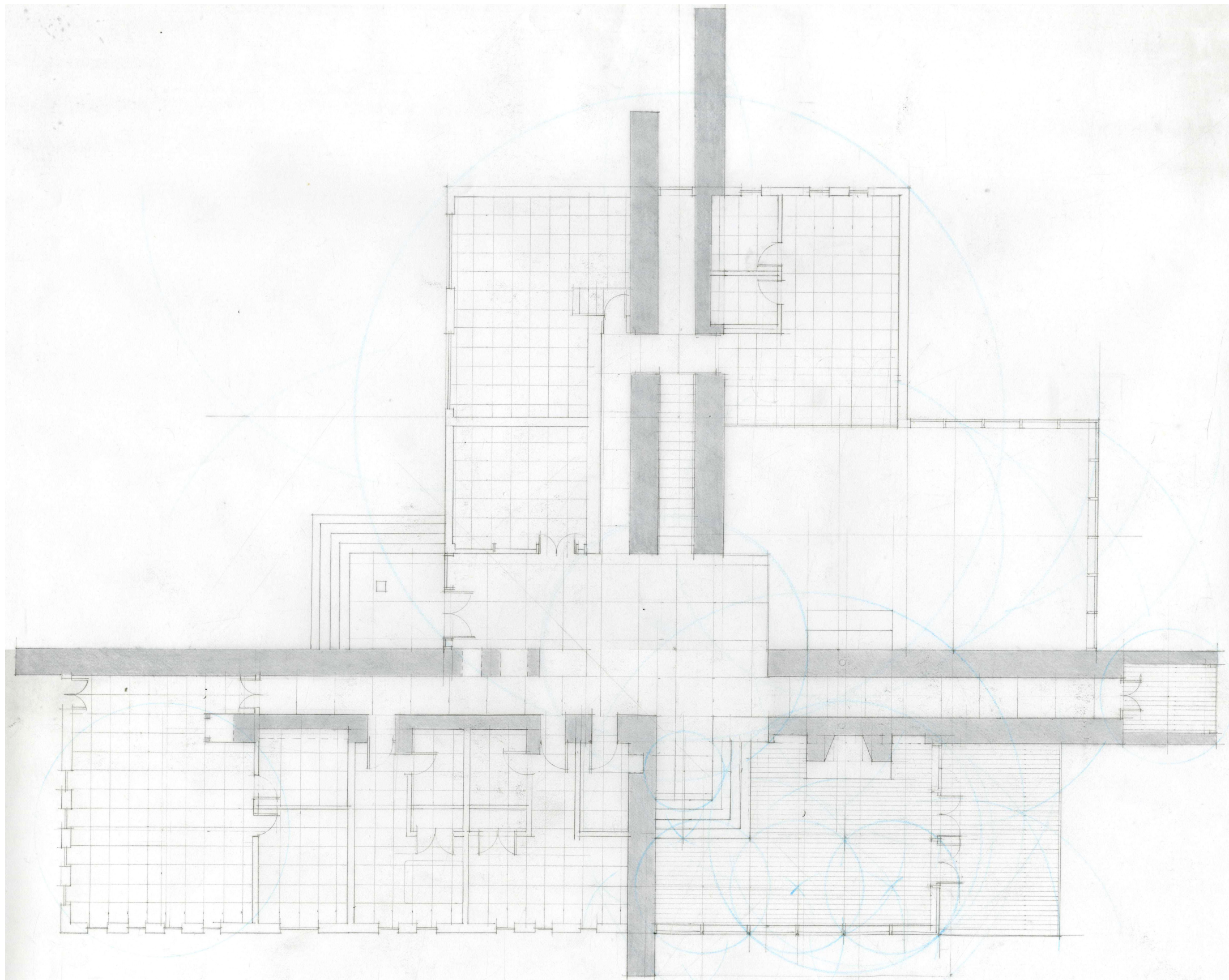




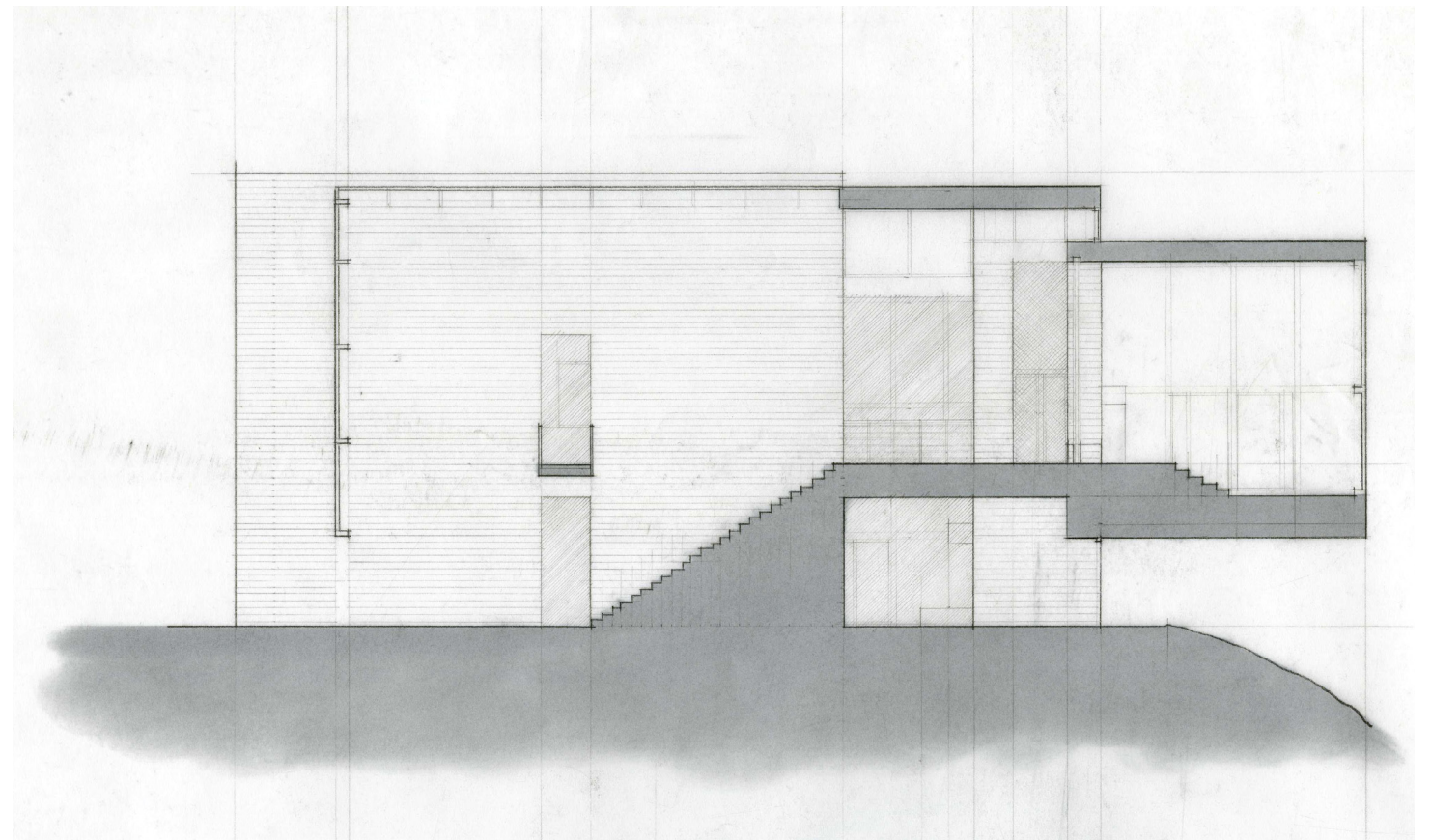


Design Iteration 2 | Left: Section through Stairwell, Foyer, and Parlor

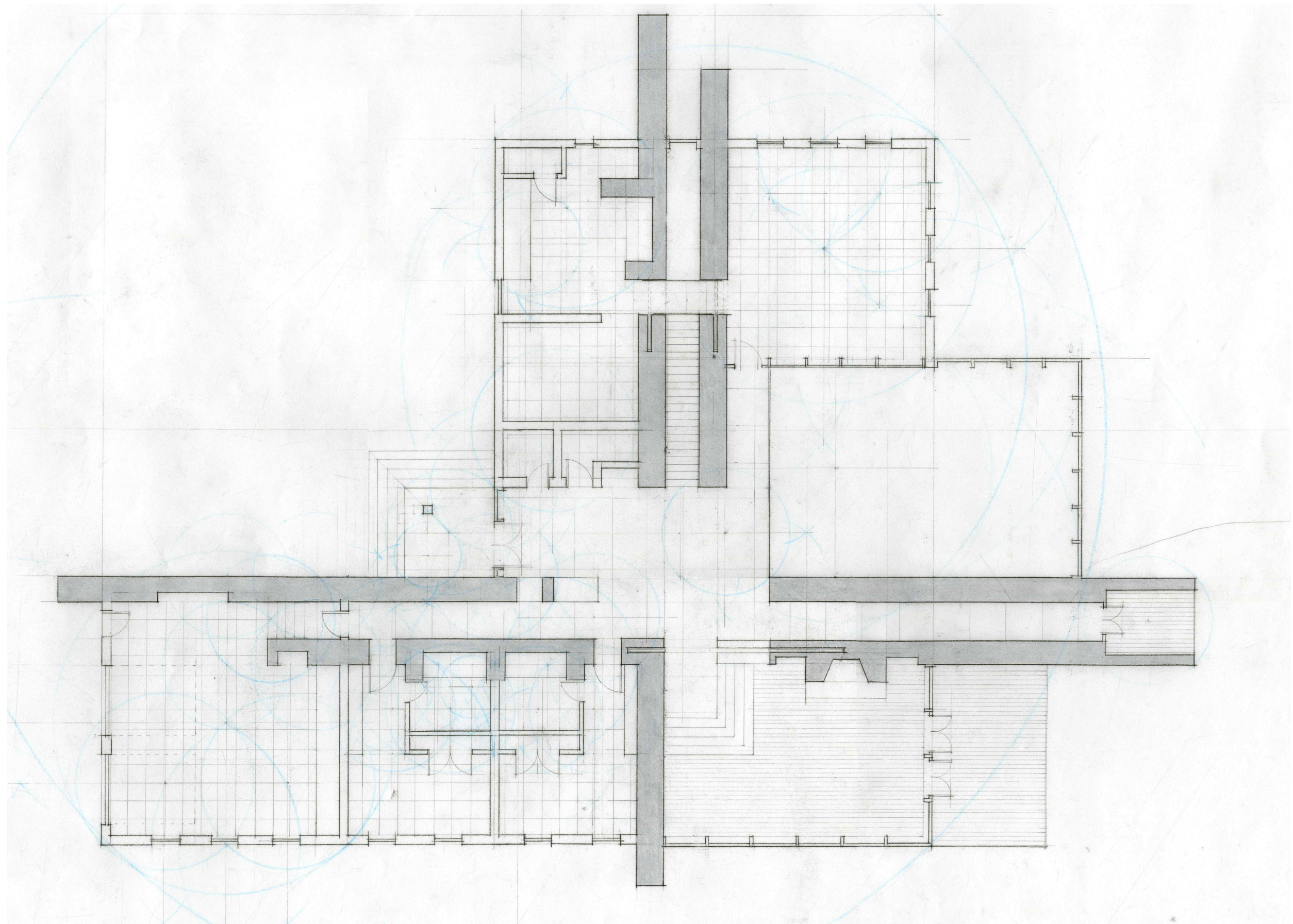
Design Iteration 2 | Right: Upper Floor Plan

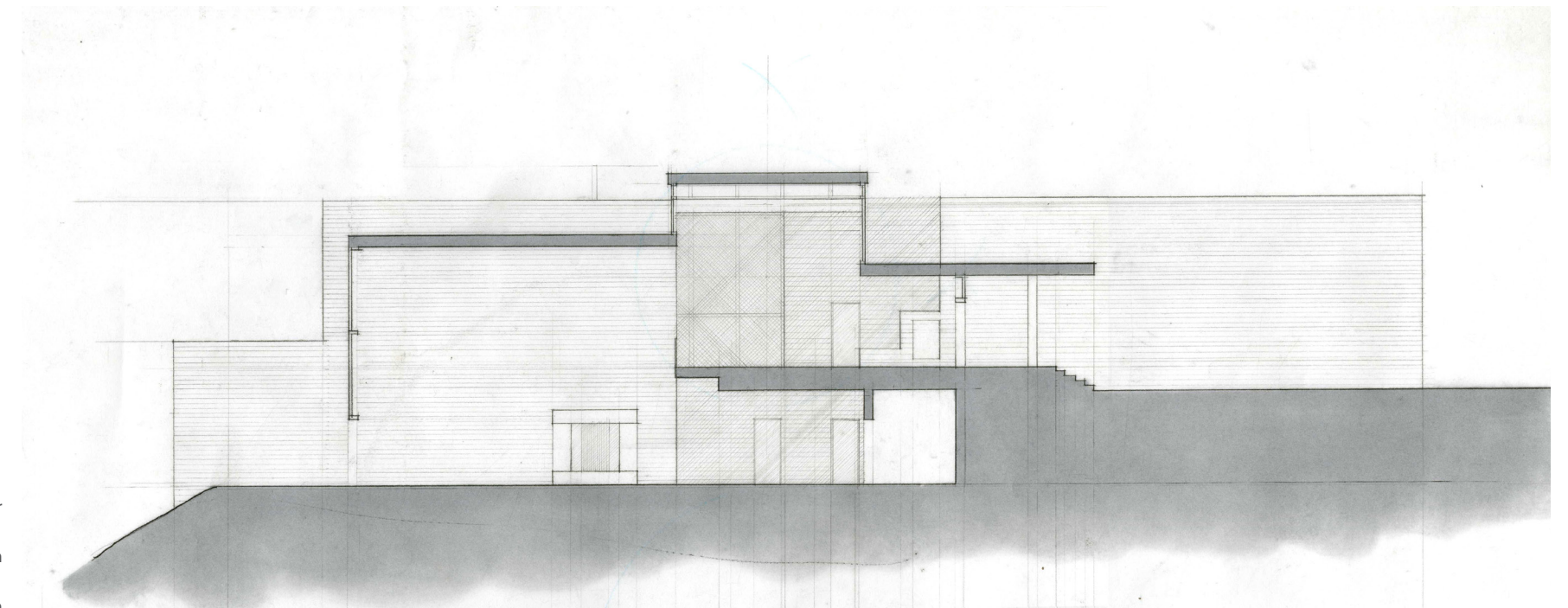
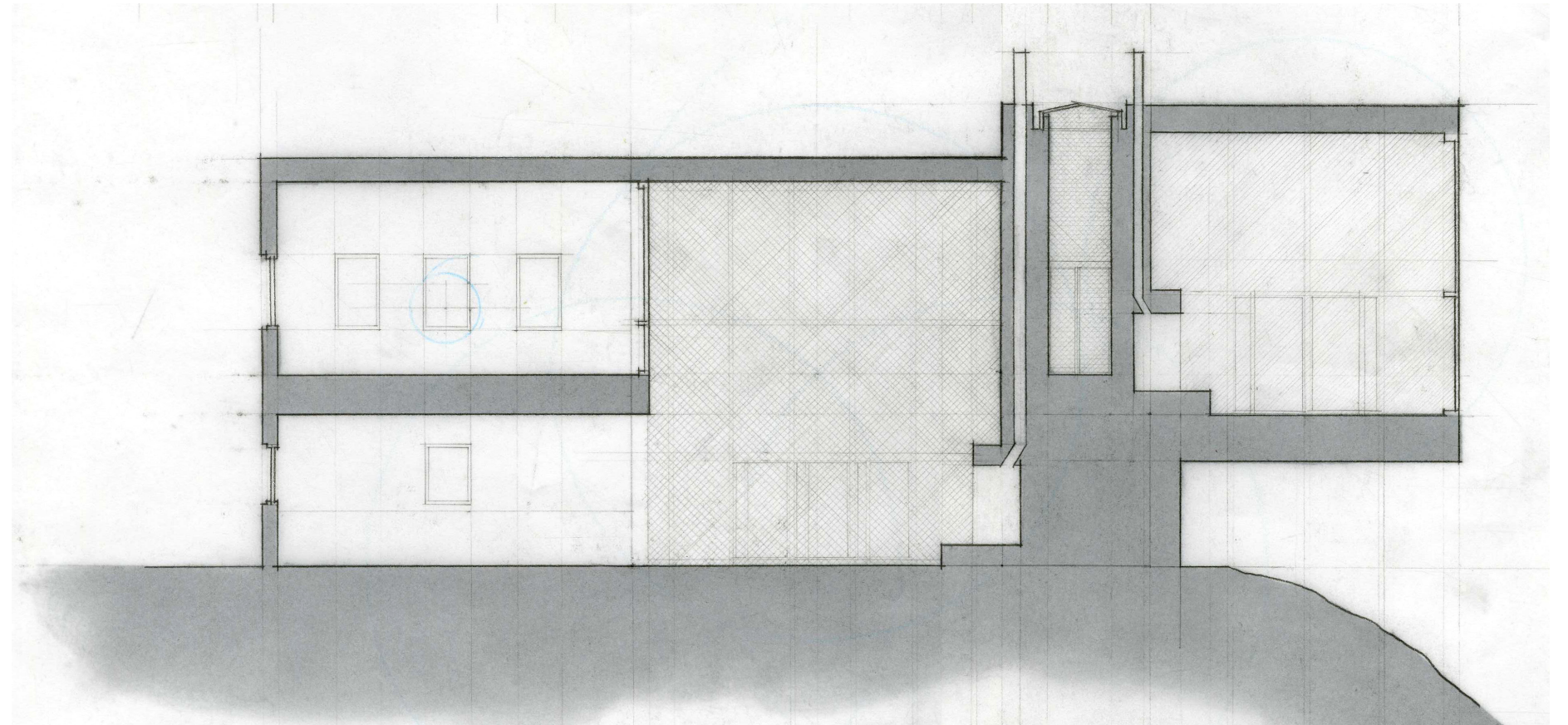


Design Iteration 3 | Left: Section through Stairwell, Foyer, and Parlor



Design Iteration 3 | Right: Upper Floor Plan

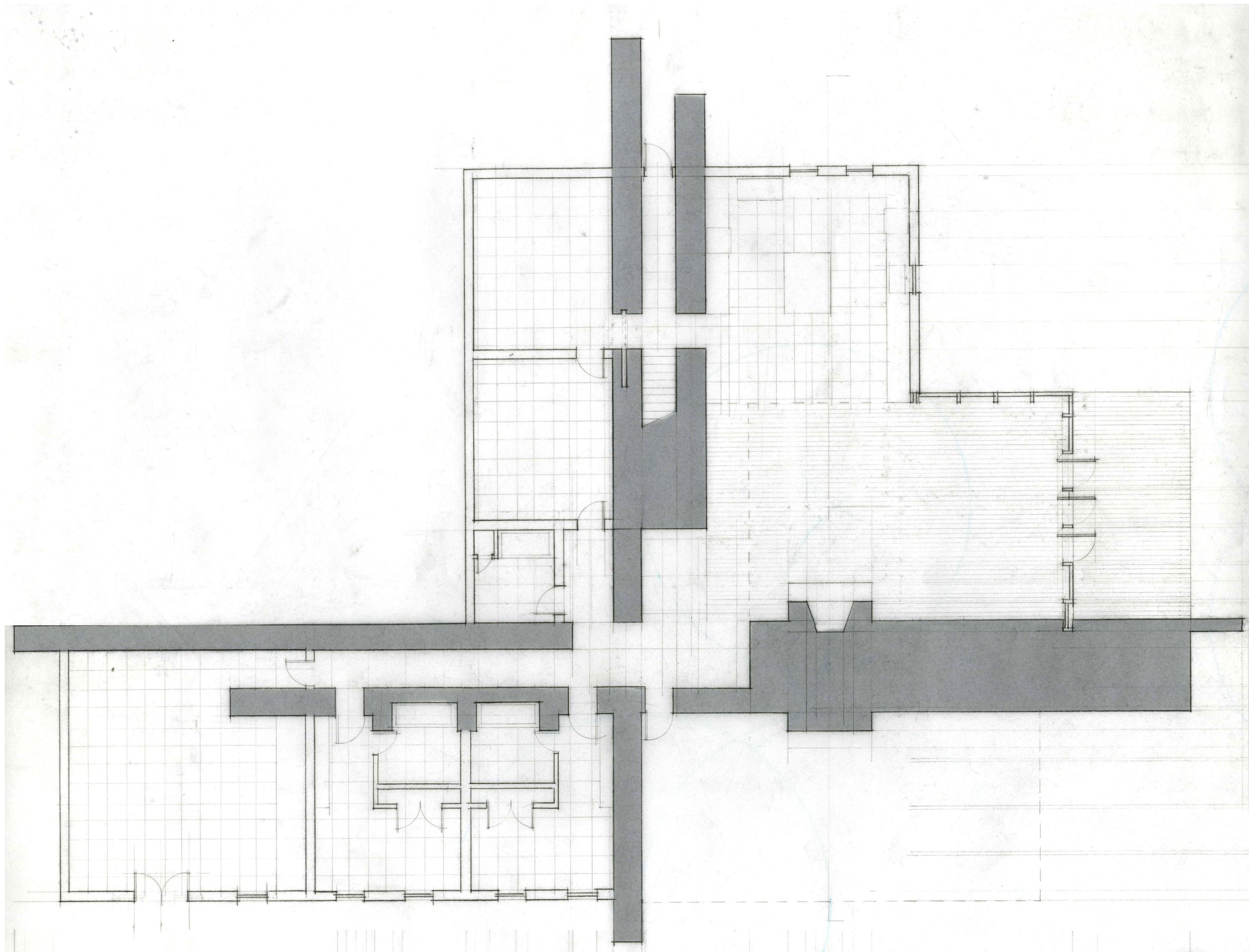


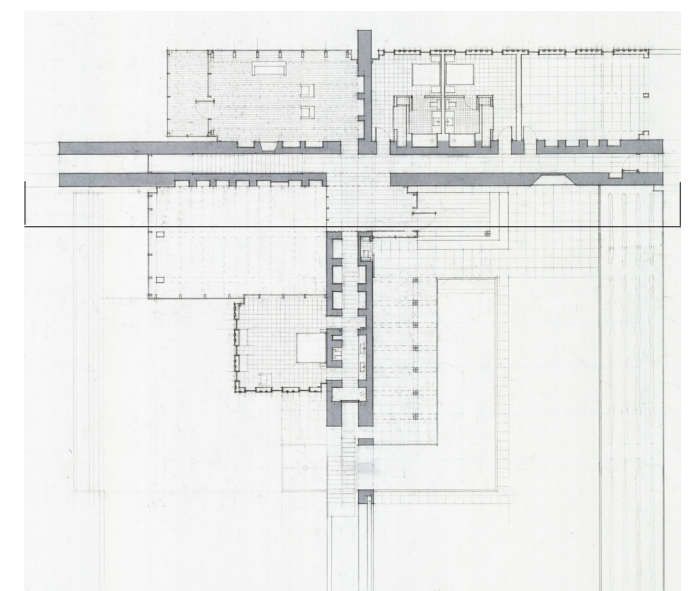


Design Iteration 3 | Left Top: Section through Kitchen, Living Room and Parlor

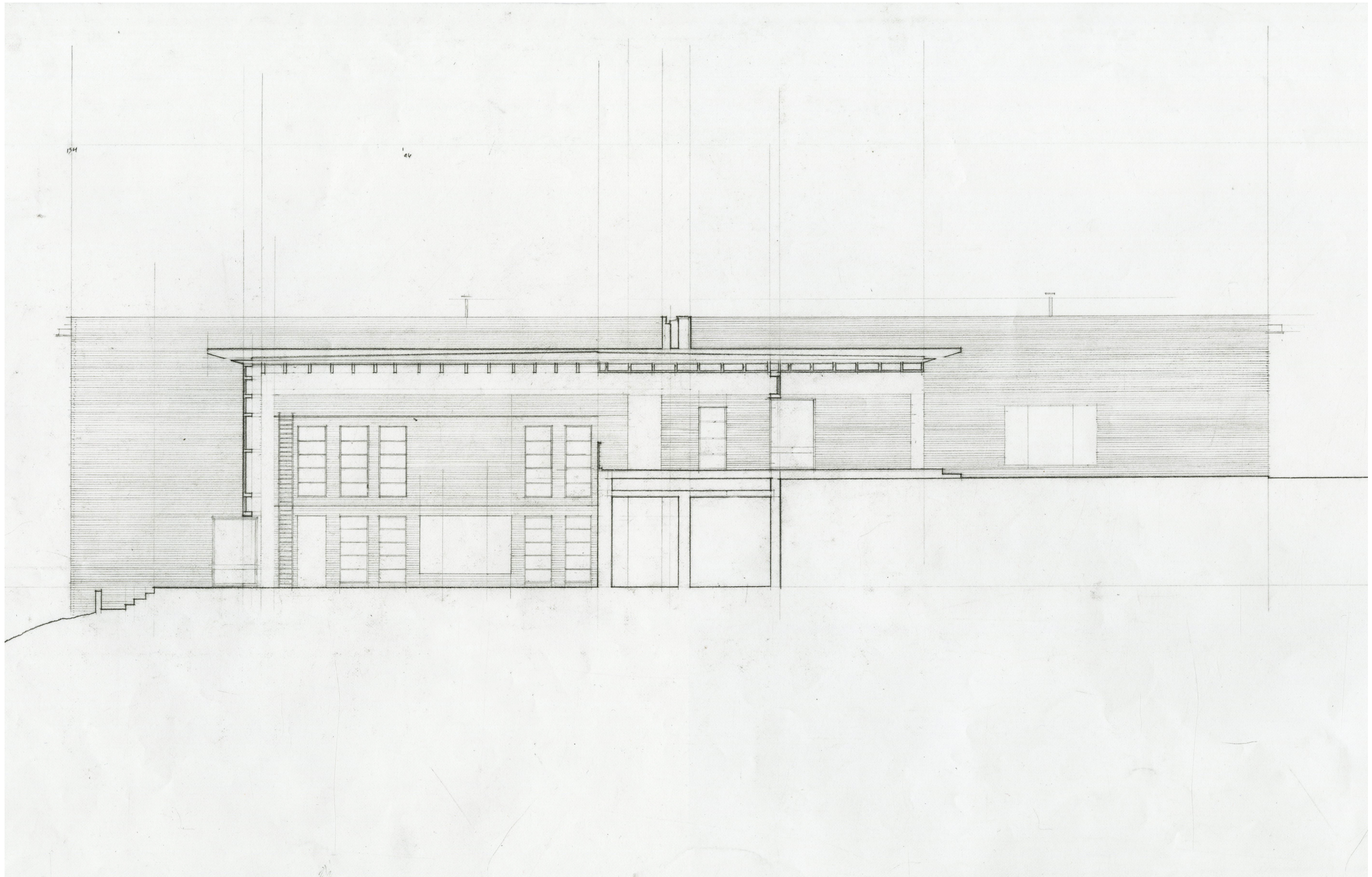
Design Iteration 3 | Left Bottom: Section through Living Room, Foyer and Garden

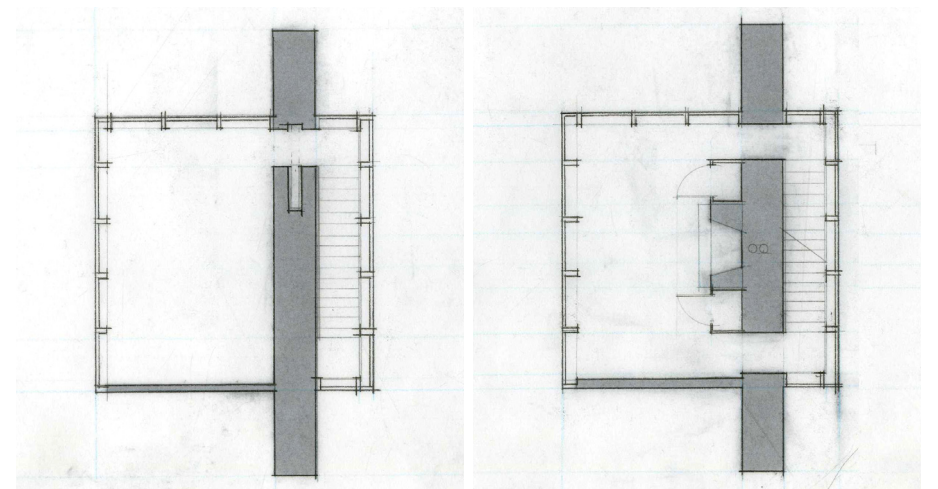
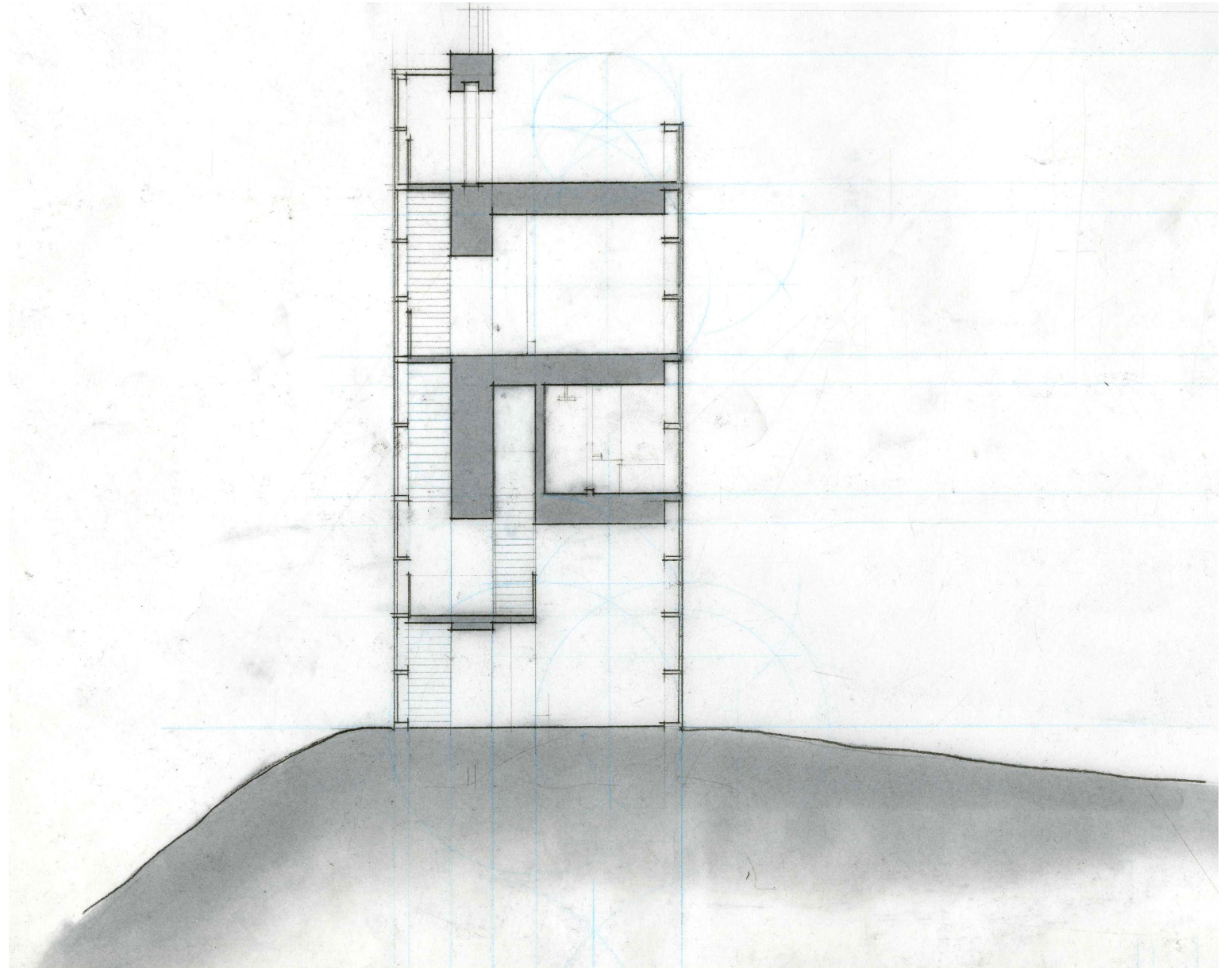
Design Iteration 3 | Right: Lower Floor Plan





Design Iteration 4 | Section through Living Room, Foyer and Garden





Guest Tower Iteration | Top Left and Right: Tower Sections

Guest Tower Iteration | Plans: Bottom Left to Right- Roof, Bedroom, Bathroom, Living Room

