

THE DETAILS, ON DETAILS.

USC School of Architecture: ARCH 202B

SPRING 2022

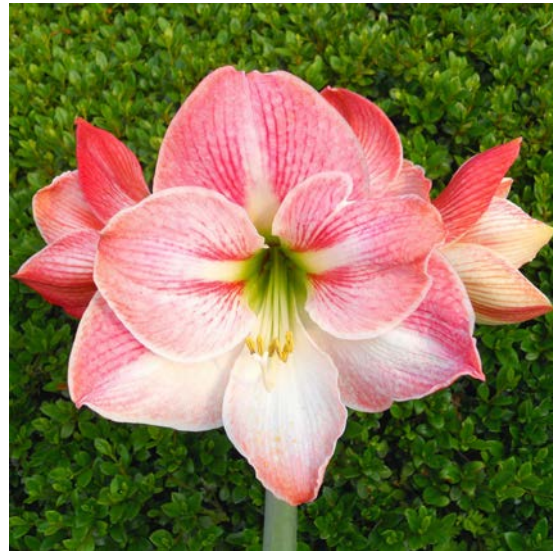
Drawing Manual.

Melissa Mae Larot

Olvera Studio

Project 01

Blossoming.



Definition of Blossoming.

BLOS-SOM-ING (adjective)

1. (of a tree or bush) producing flowers or masses of flowers
2. promising or healthy development

Describe as an Action:

(use in a sentence)

1. As an Interaction: She is growing, blossoming, learning about her family and still has lessons to absorb.
2. As Movement: The pear trees are blossoming early this year.
3. In Speech: "The flower garden is finally blossoming, thanks to your tender care!"

Describe it as a Method:

(a formal operation)

1. The octagonal piece of the joint appears to be protruding in between the other braces and strips, similar to a flower bud blossoming. The gathered wooden braces are also positioned in a way that is reminiscent of petals that overlap one another.

Describe it in the Study:

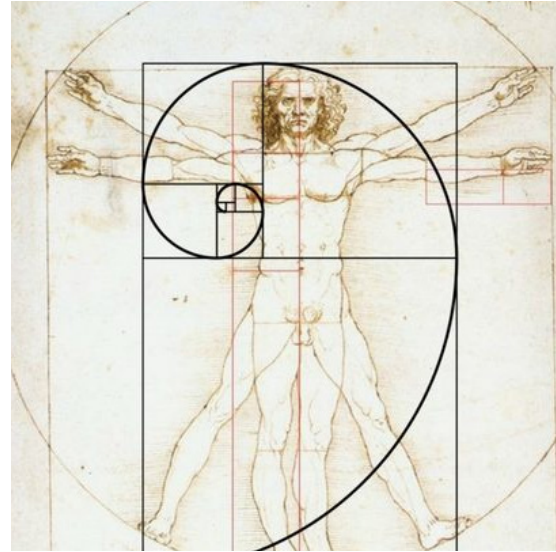
(re-read study)

The study of blossoming can be applied to elements that encourage branching out and expanding in order to produce more social interactions. Examples of these would include lounges, cafes, restaurants, and town squares.

Describe it as a Person:

A student who is learning and growing, whether that be academic growth or personal growth, fits the study of blossoming. With the combination of self-care and care from loved ones, the student can be encouraged to reach new horizons and full potentials.

Harmonious.



Definition of Harmonious.

HAR-MON-I-OUS (adjective)

1. tuneful; not discordant
2. forming a pleasing or consistent whole
3. free from disagreement or dissent

Describe as an Action:

(use in a sentence)

1. As an Interaction: The palate is clean, with harmonious fruit and acidity.
2. As Movement: A harmonious relationship exists between the human body and the instrument, for the one can not operate without the other.
3. In Speech: "A warm and harmonious song has accompanied us for three years."

Describe it as a Method:

(a formal operation)

1. The mortise and tenon joint displays a factor of harmony when each piece slides into the other perfectly, without any disagreement. The connection resulted from the collision results in a stable and strong joint. Based on the findings of the "Golden Ratio" or Fibonacci sequence, the same ratio is found throughout subjects of nature and humans. Using the same spiral, the redefined tenon is formed.

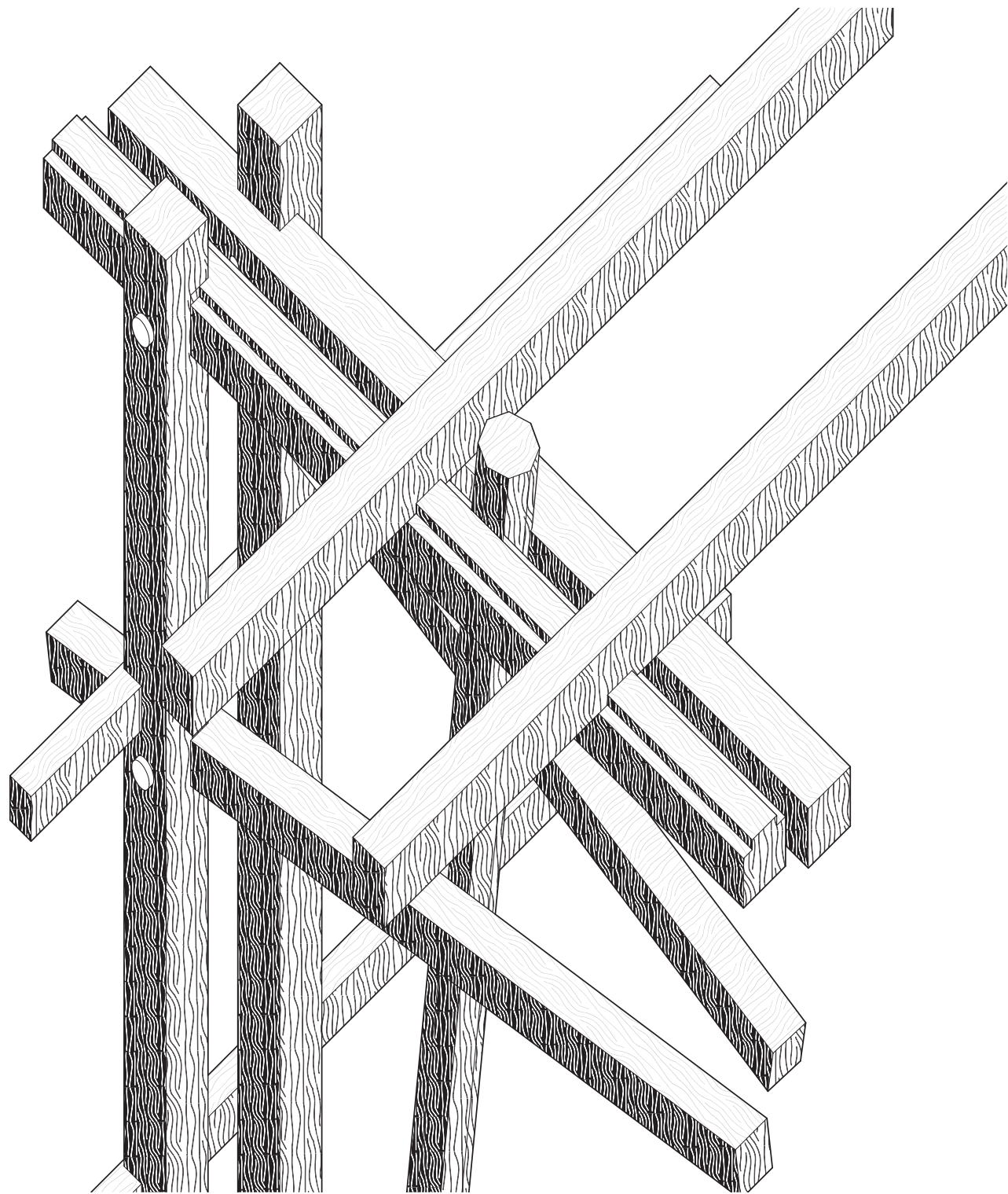
Describe it in the Study:

(re-read study)

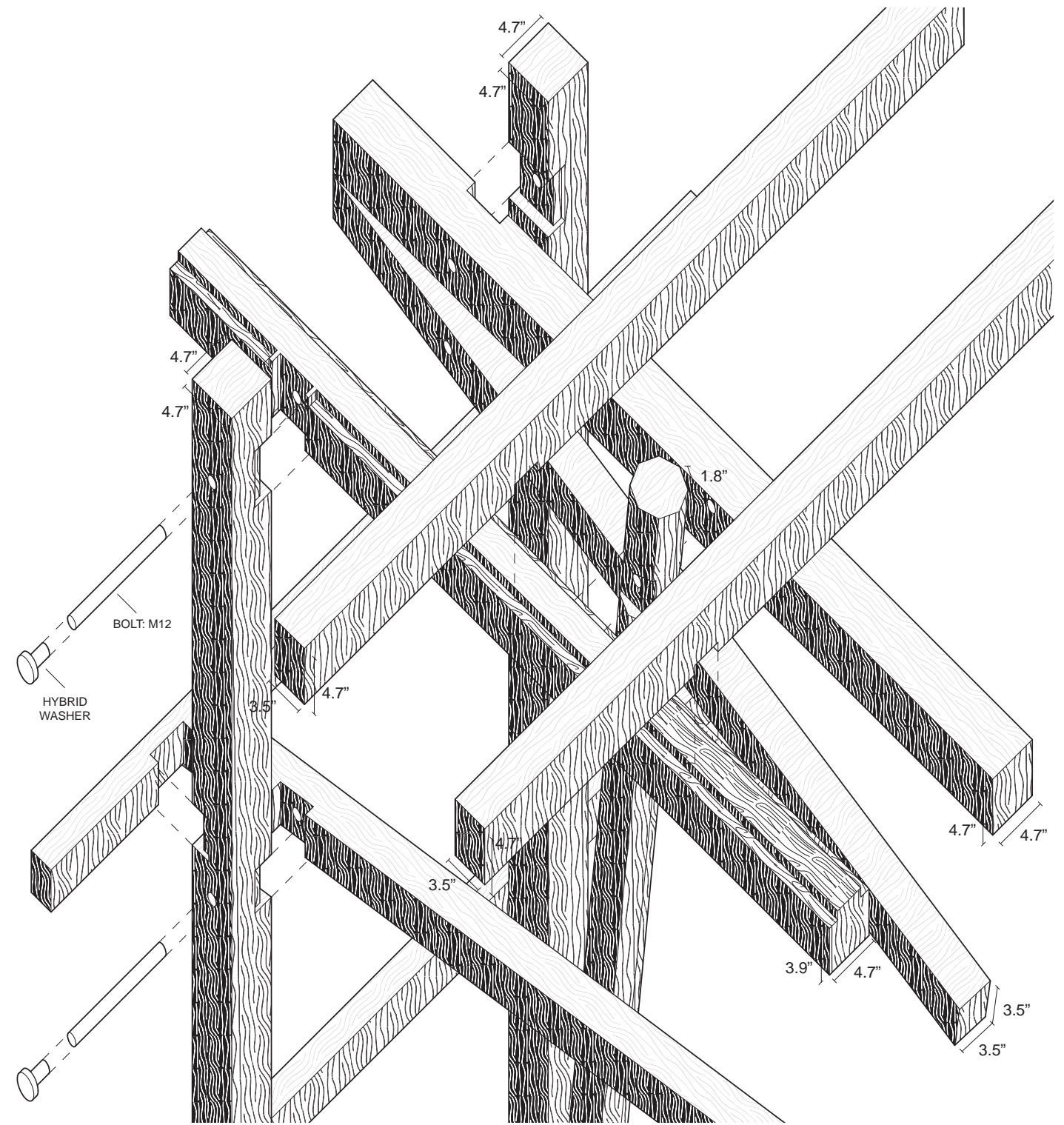
Based on the harmonious study, spaces that are representative of peaceful gathering include English landscape gardens, public squares, libraries, places of worship, and parks. For all of these examples, visitors can experience peaceful and tranquil interactions with others.

Describe it as a Person:

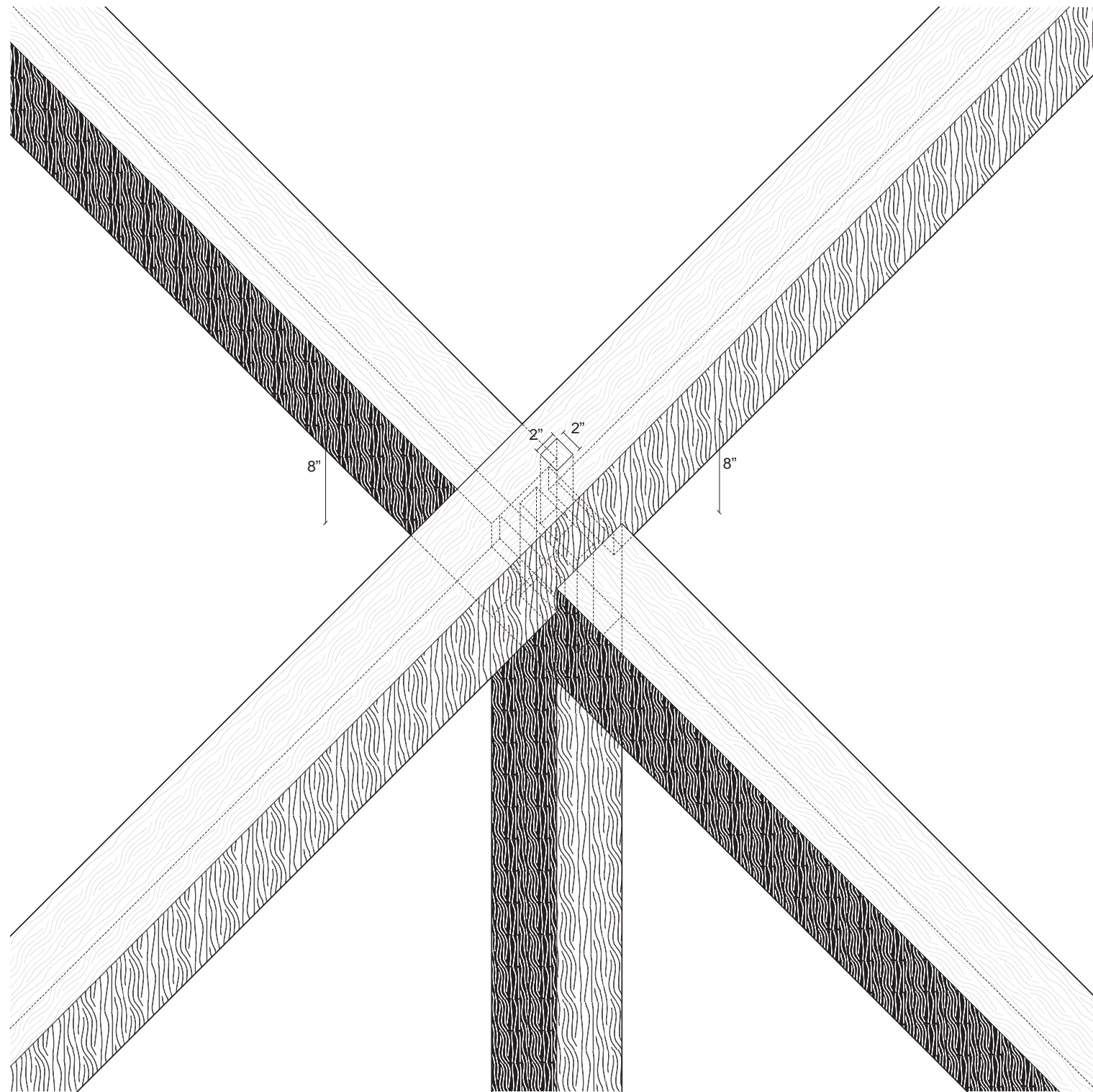
According to the study, harmonious students are those who are balanced with their academics, relationships, and social life. These students are usually amicable and congenial, with little to no unnecessary disagreement with others.



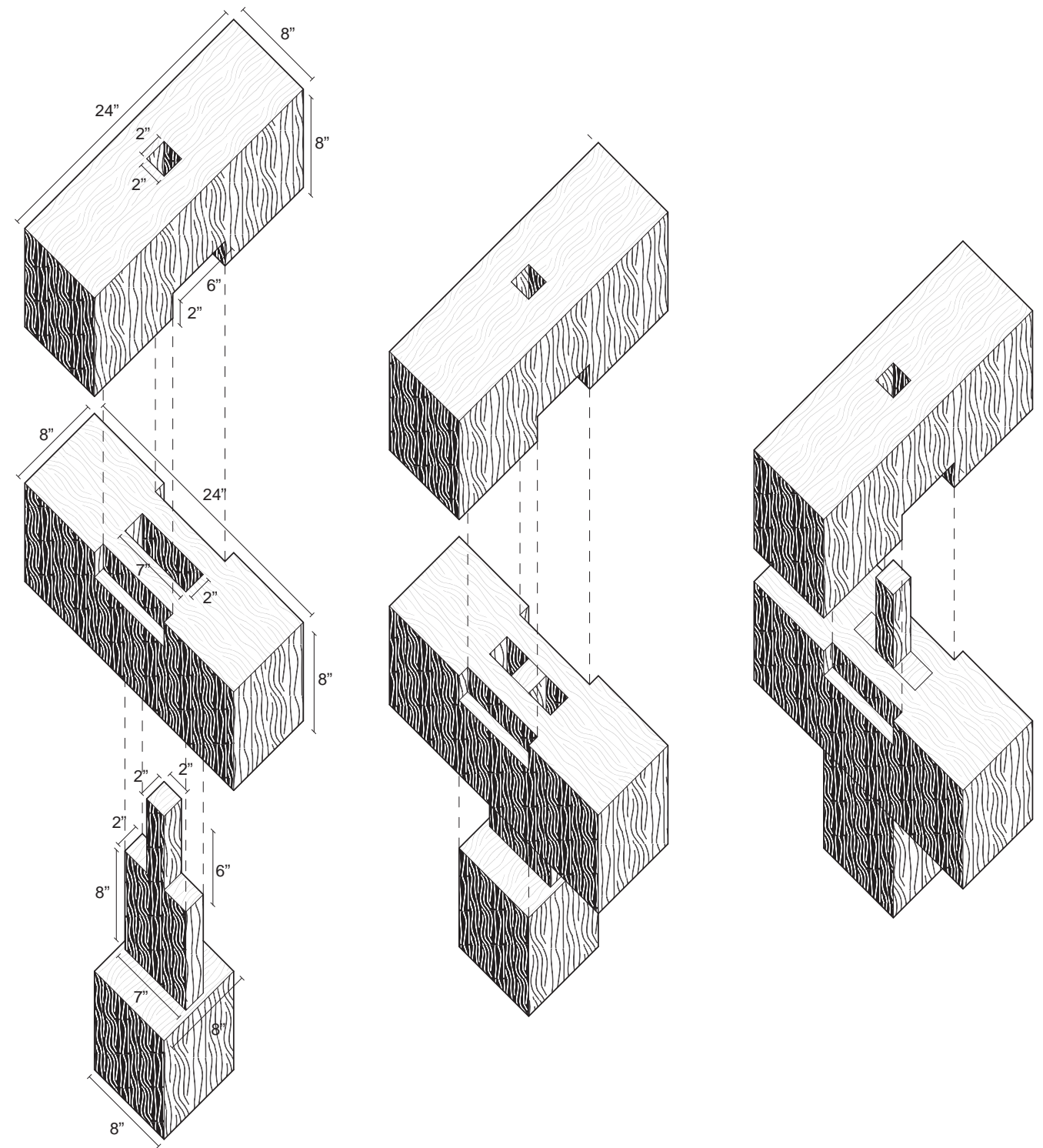
01. Authored Joint. Assembled
 scale: 1"=1'=0"



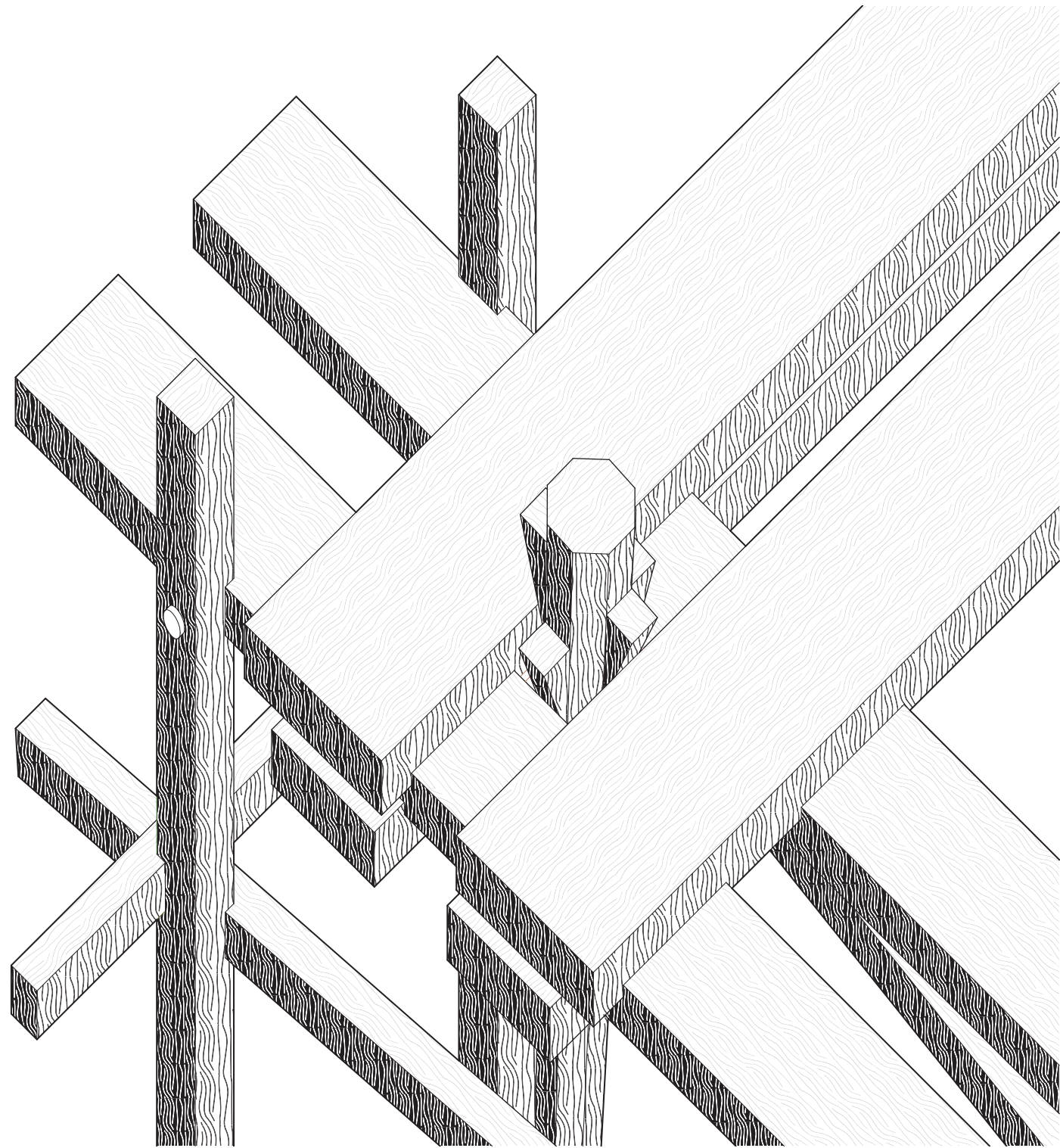
02. Authored Joint. Disassembled
 scale: 1"=1'=0"



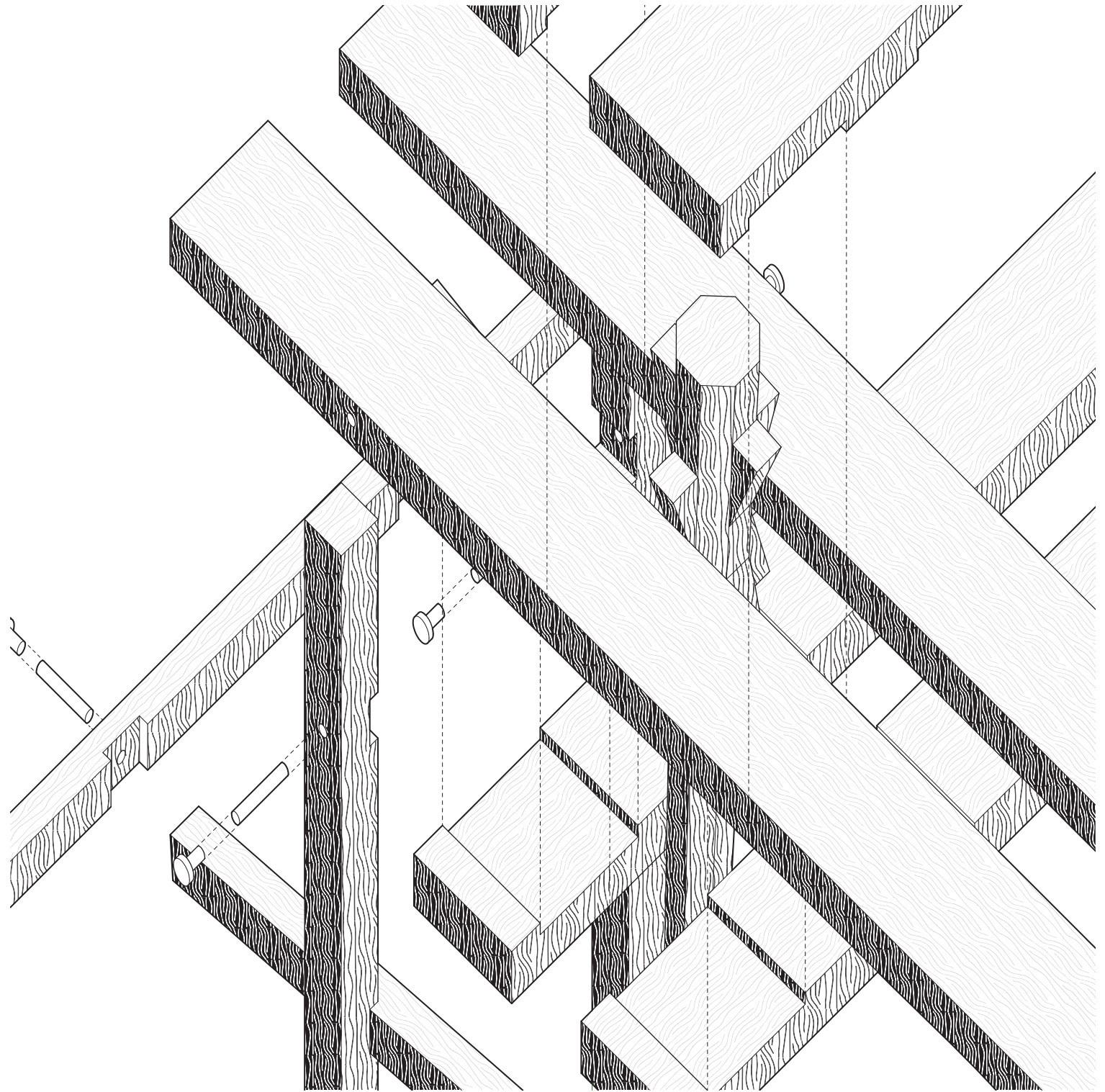
01. Vernacular Joint. Assembled
 scale: 1"=1'-0"



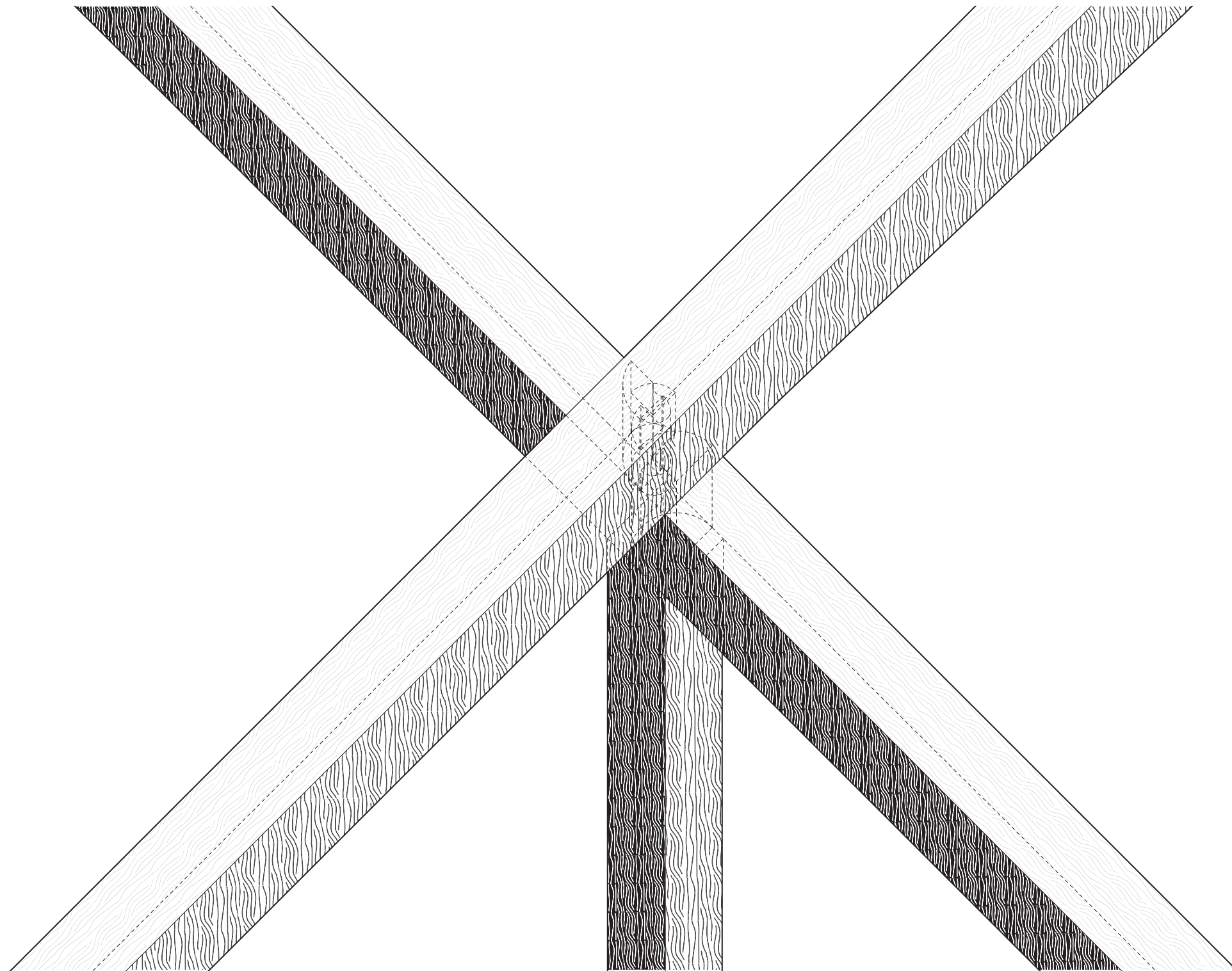
02. Vernacular Joint. Disassembled
 scale: 1"=1'-0"



01. Redefined Authored Joint. Assembled
scale: 1"=1'=0"

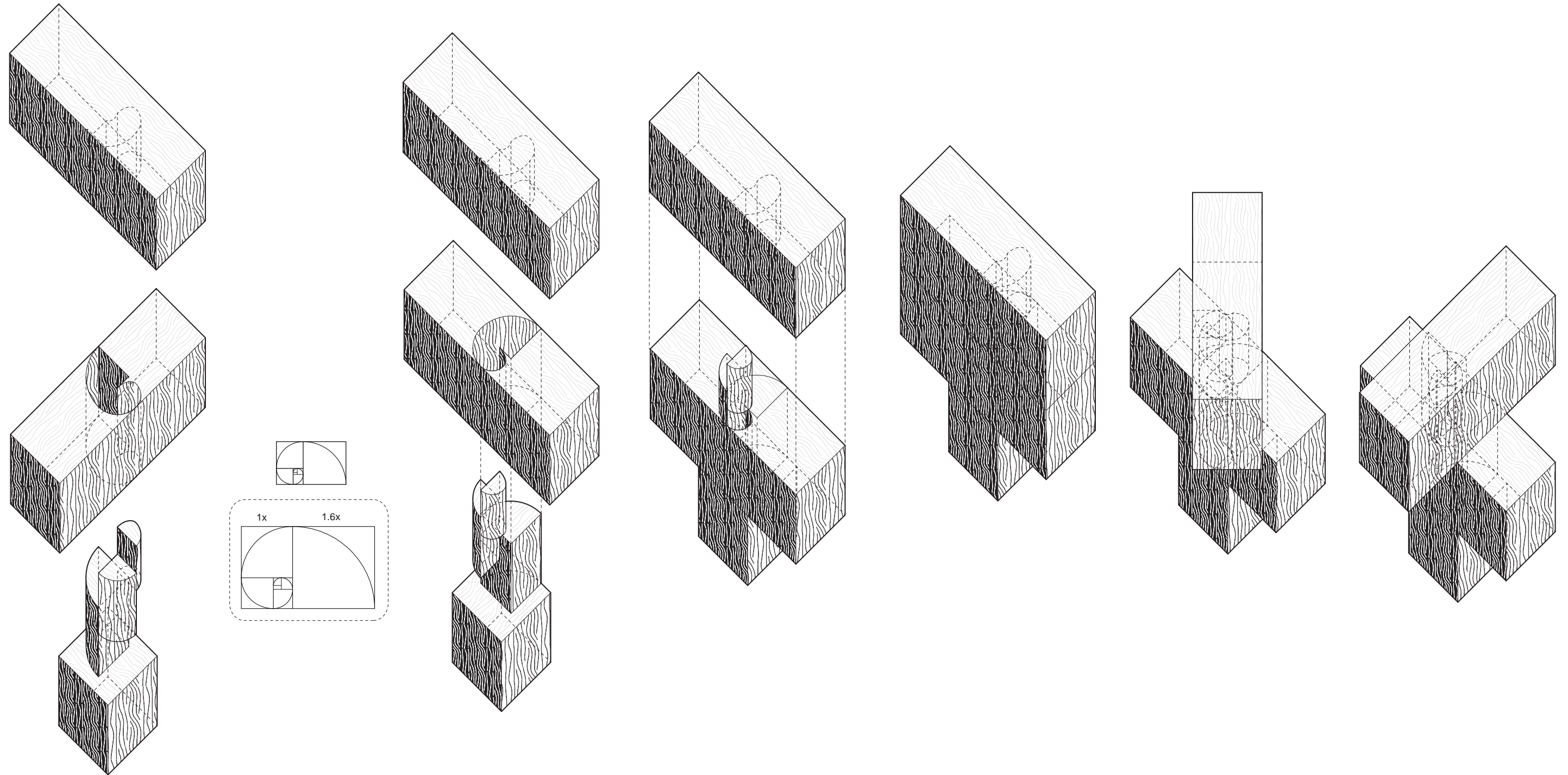


02. Redefined Authored Joint. Disassembled
scale: 1"=1'=0"

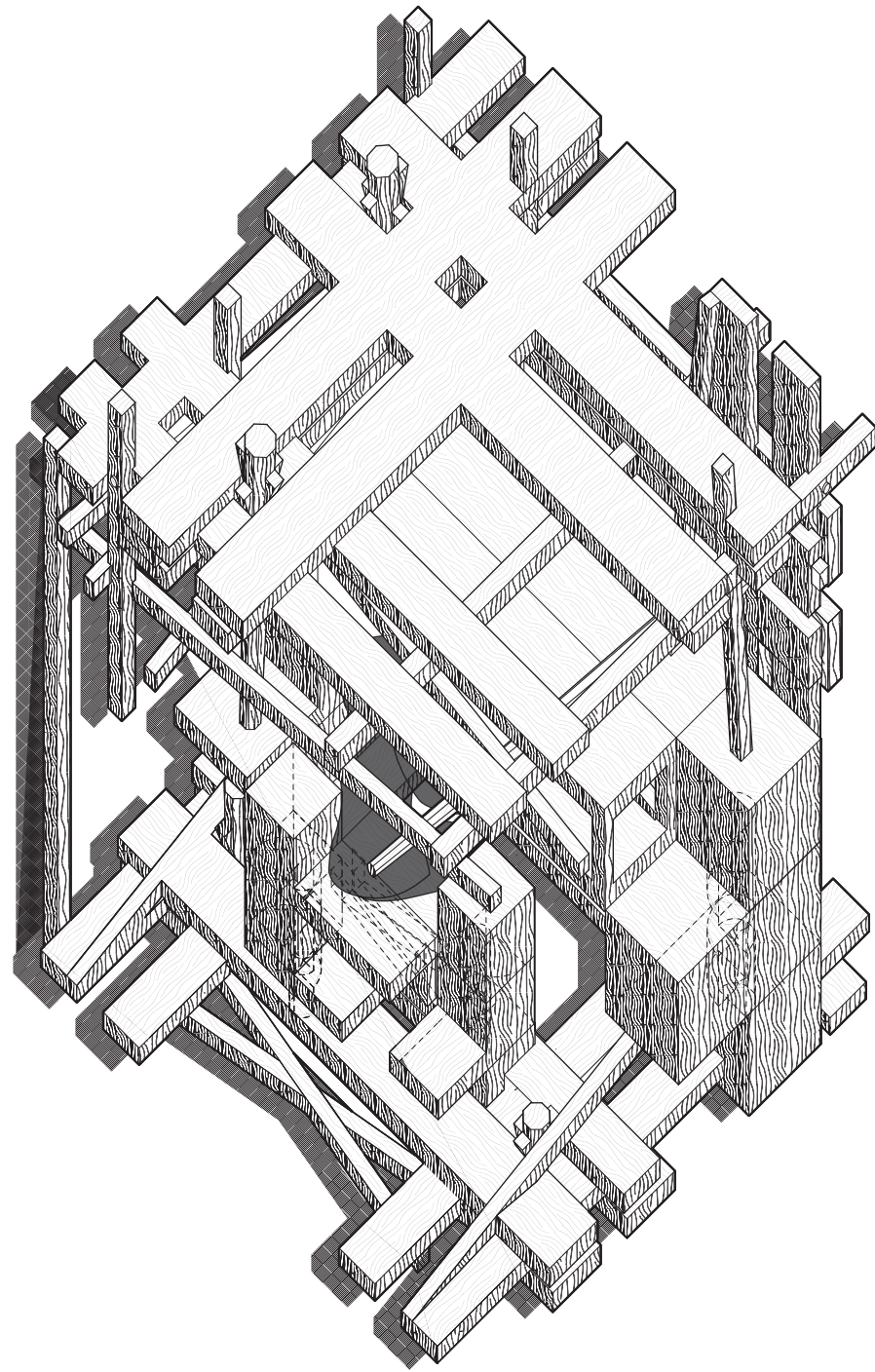


01. Redefined Vernacular Joint. Assembled

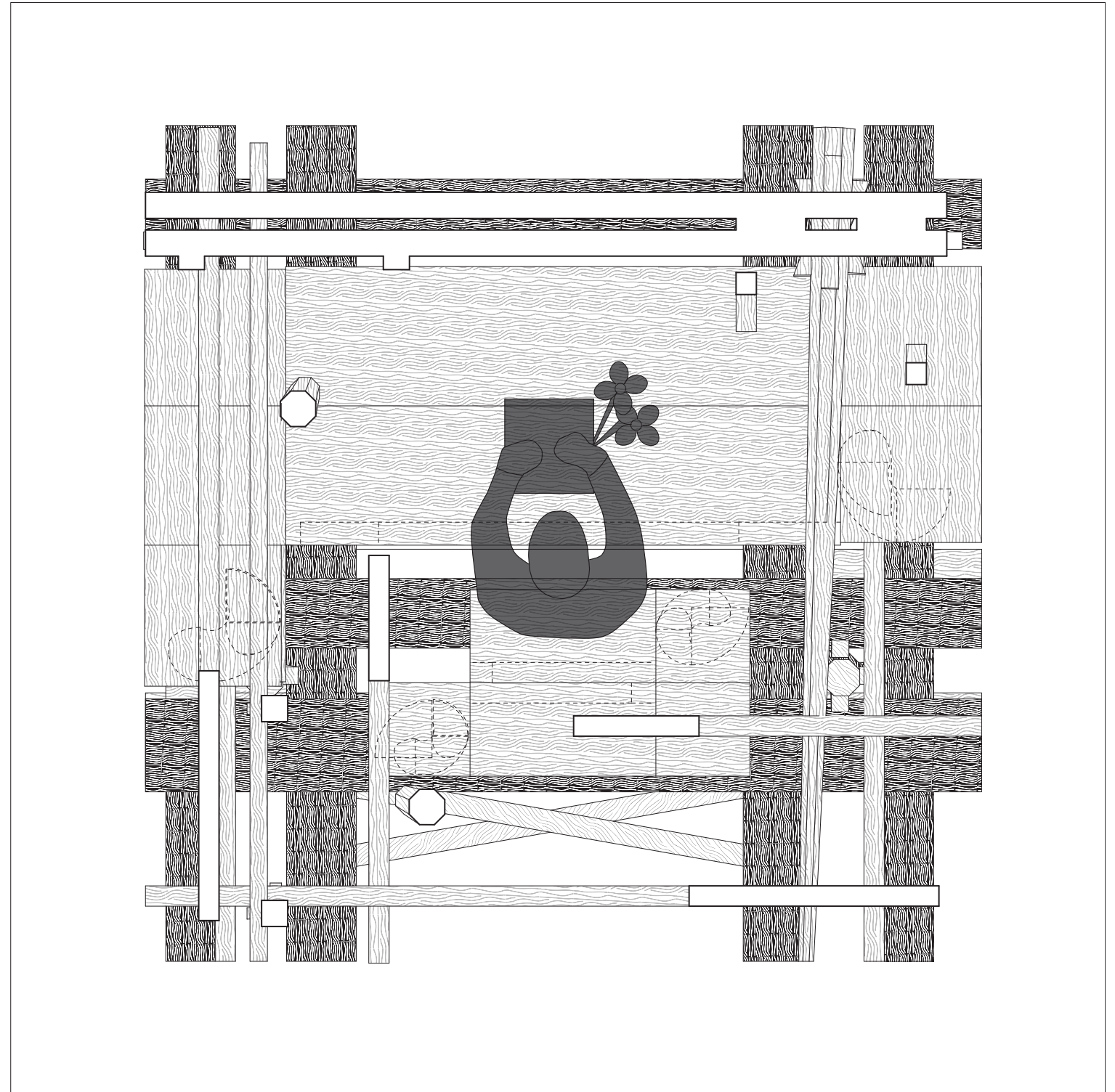
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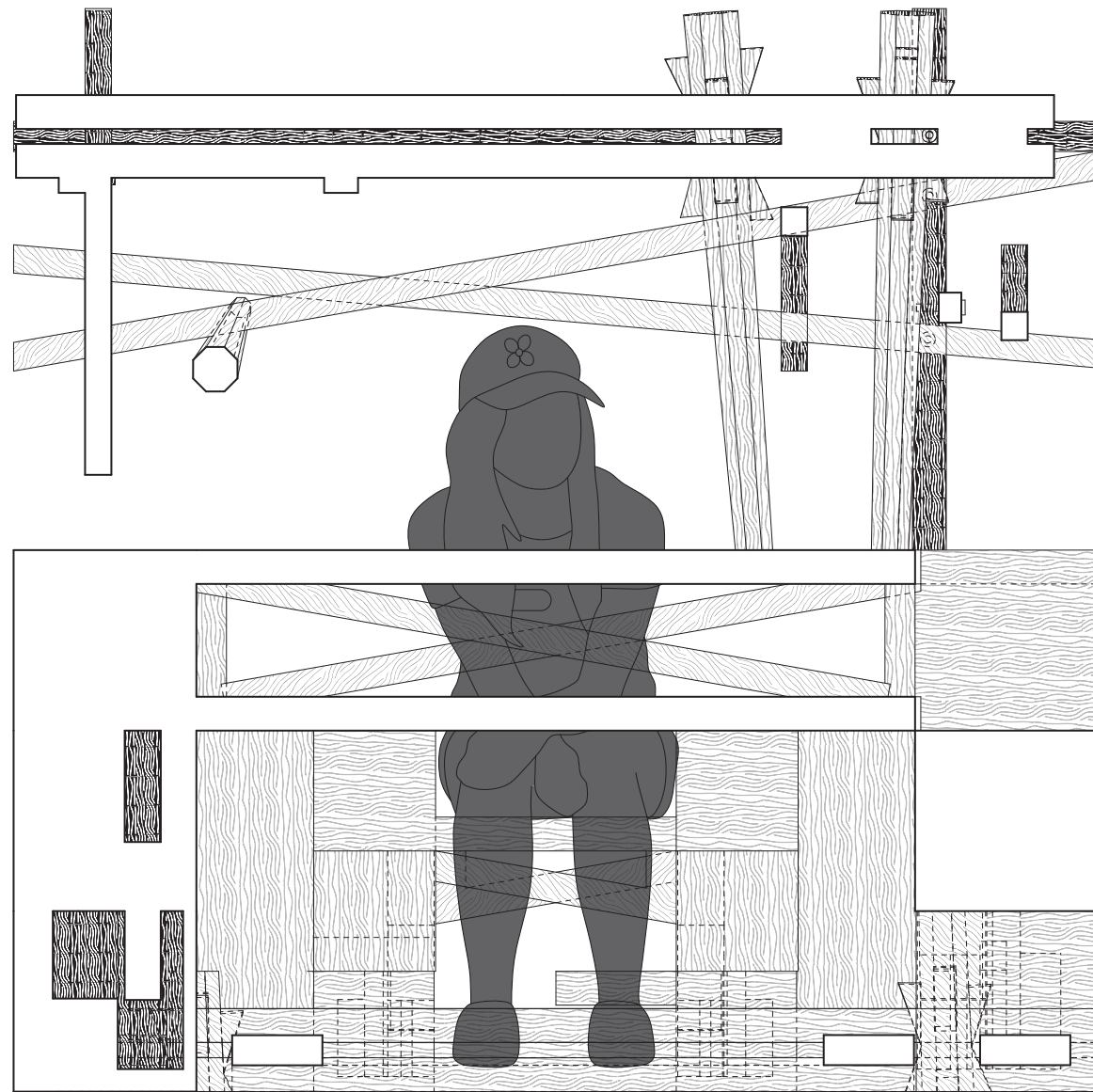
02. Redefined Vernacular Joint. Disassembled
 scale: 1"=1'-0"



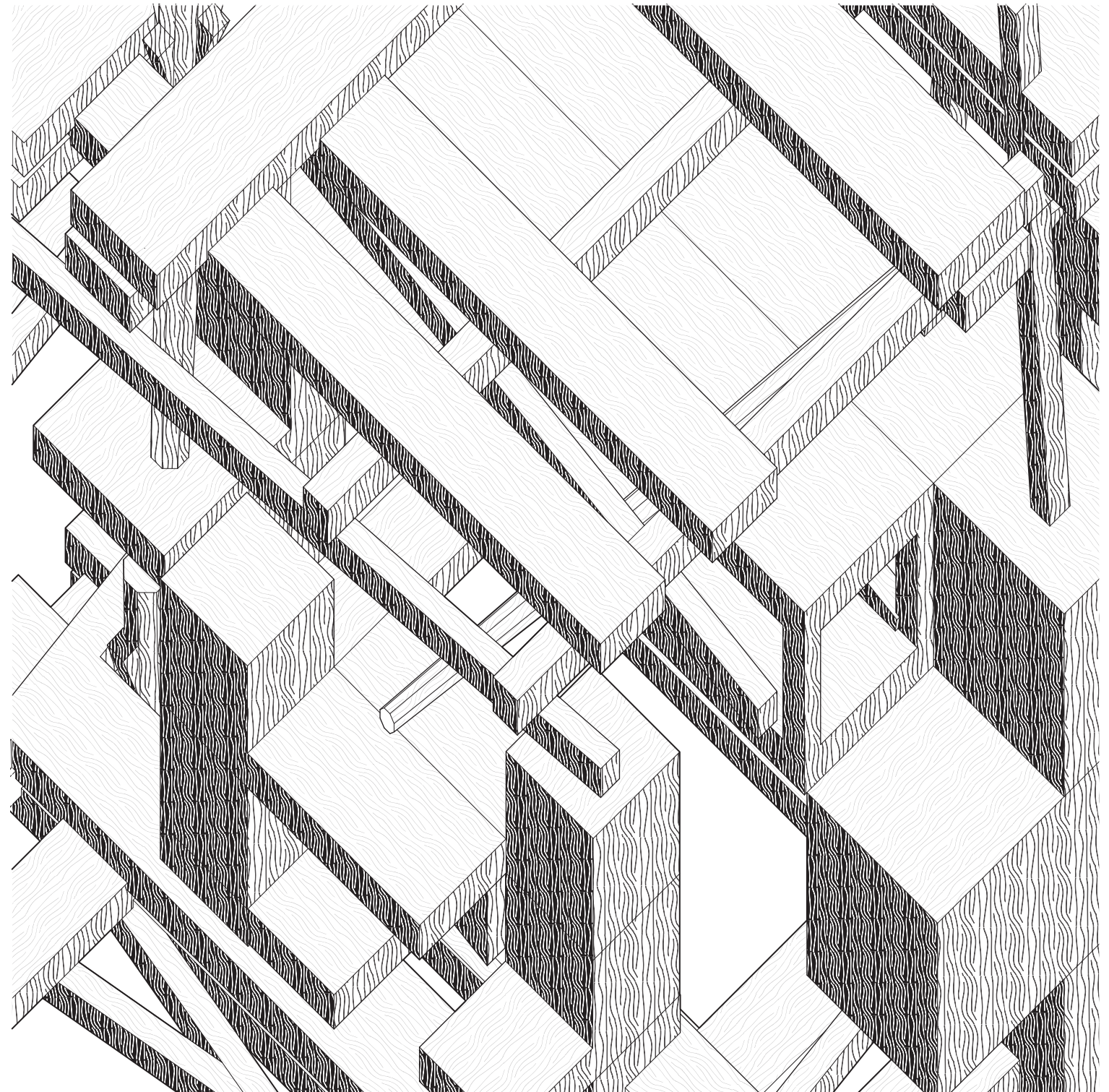
Living Study A. Axonometric
scale: 3/4"=1'=0"



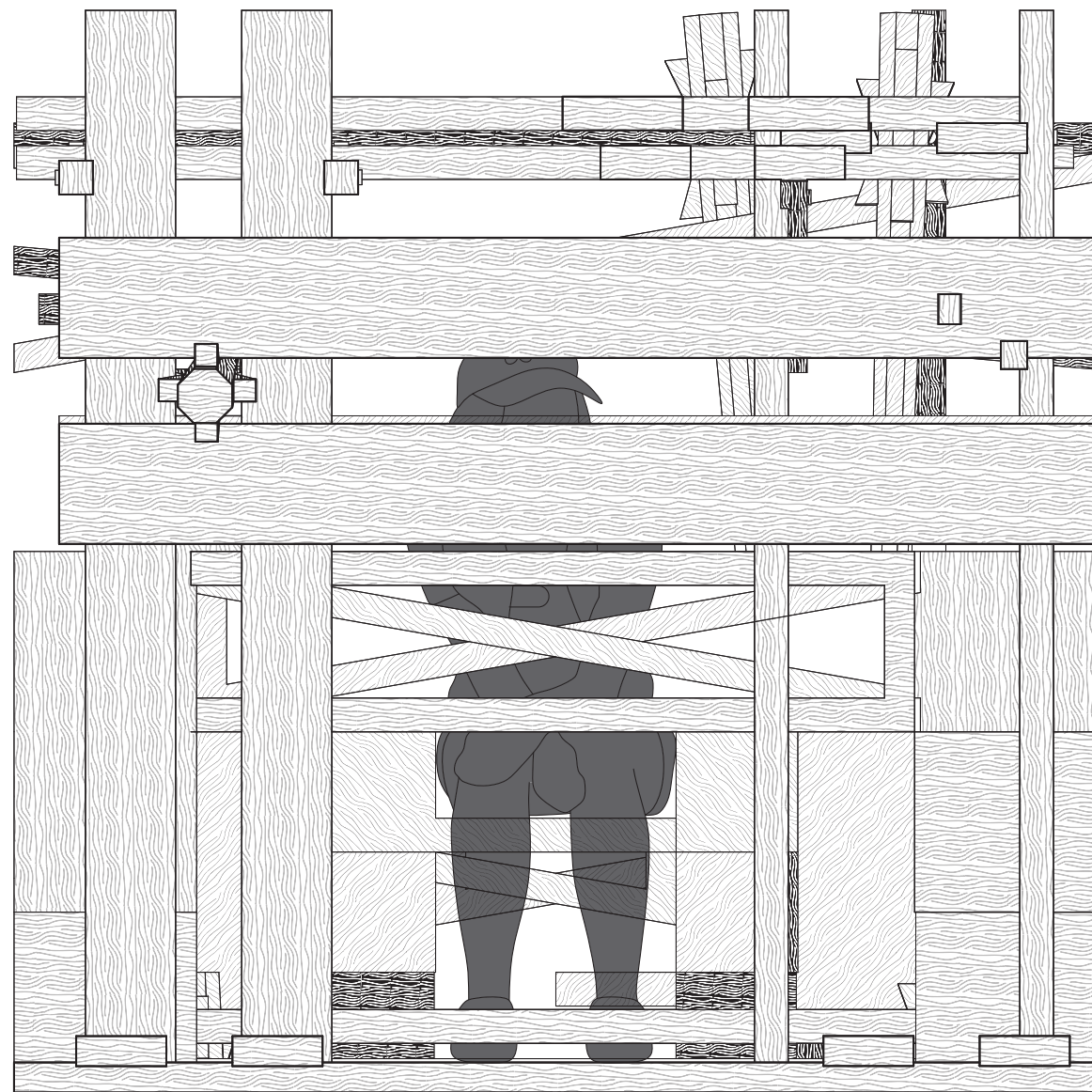
Plan
scale: 1"=1'=0"



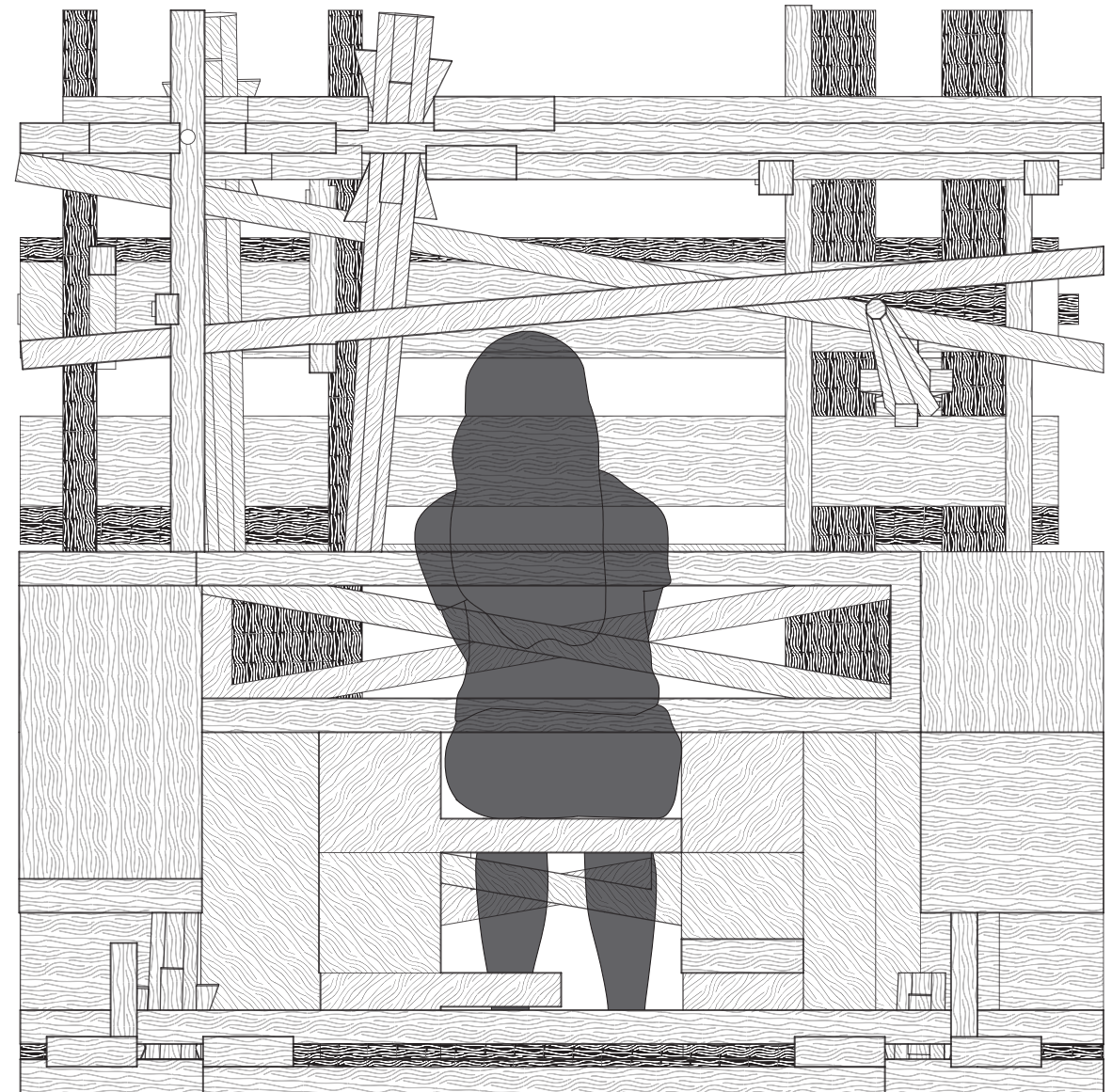
Living Study A. Section
scale: 1"=1'-0"



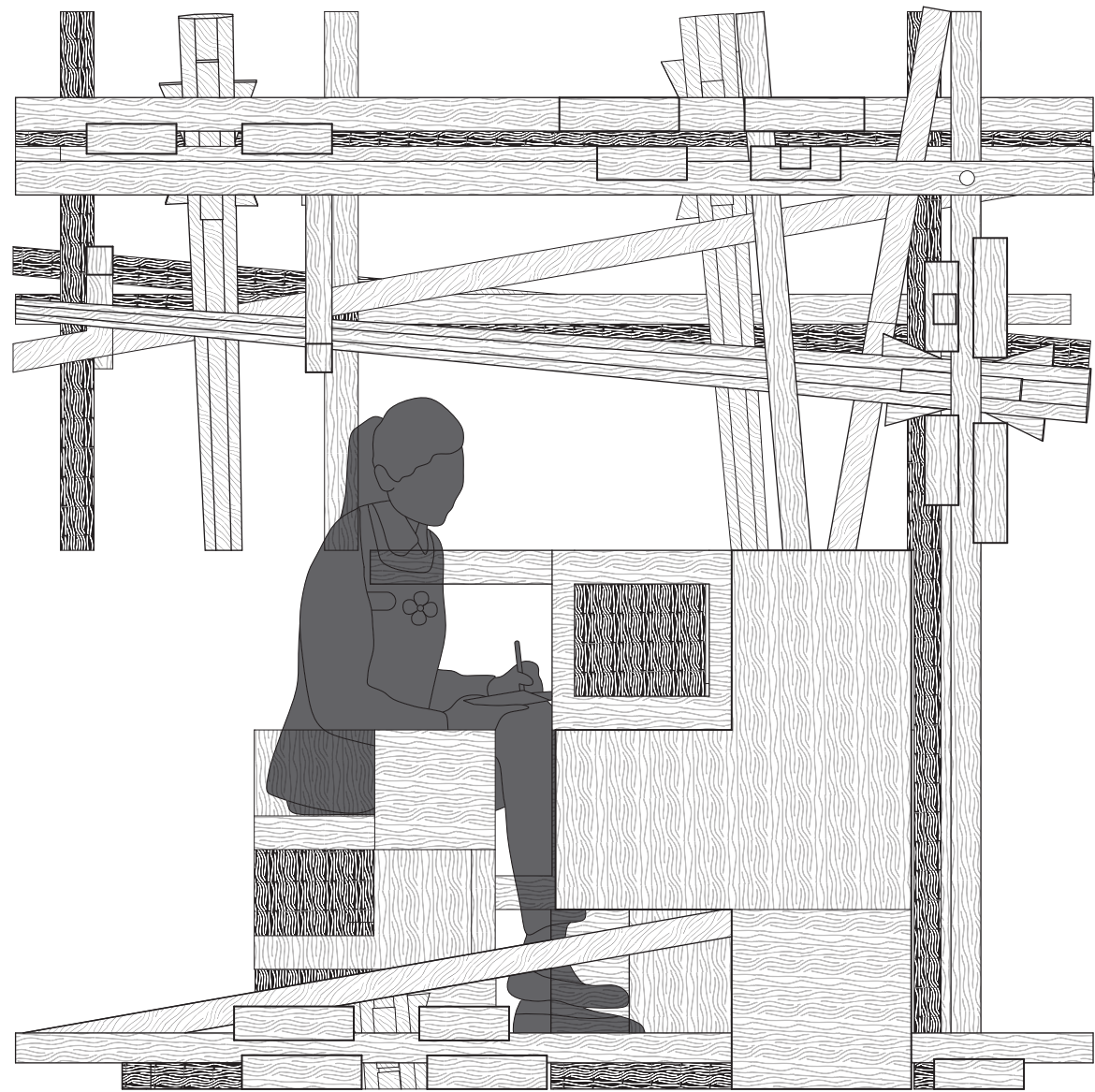
Blown Up Detail
scale: NTS



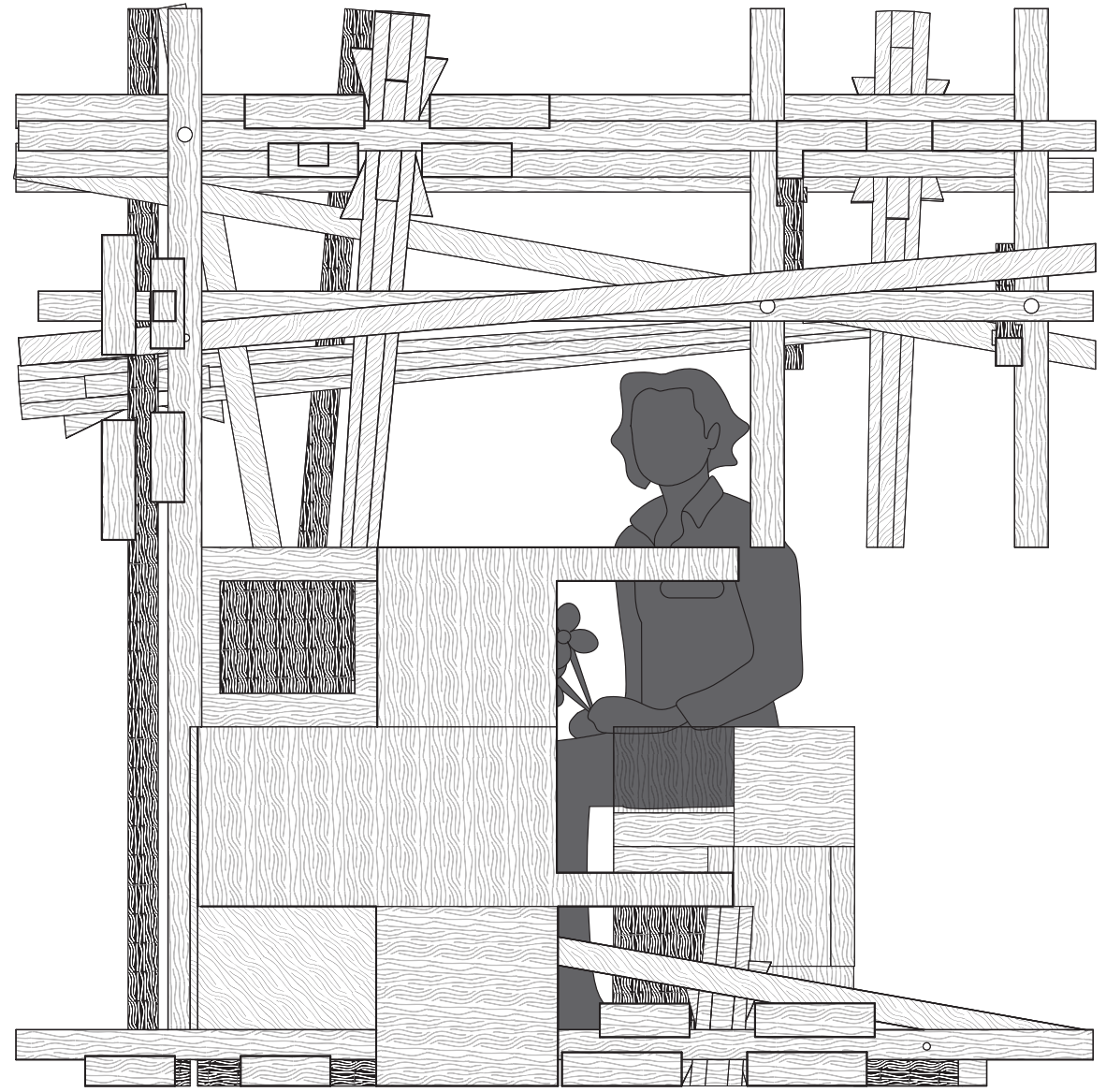
Living Study A. North Elevation
scale: 1"=1'-0"



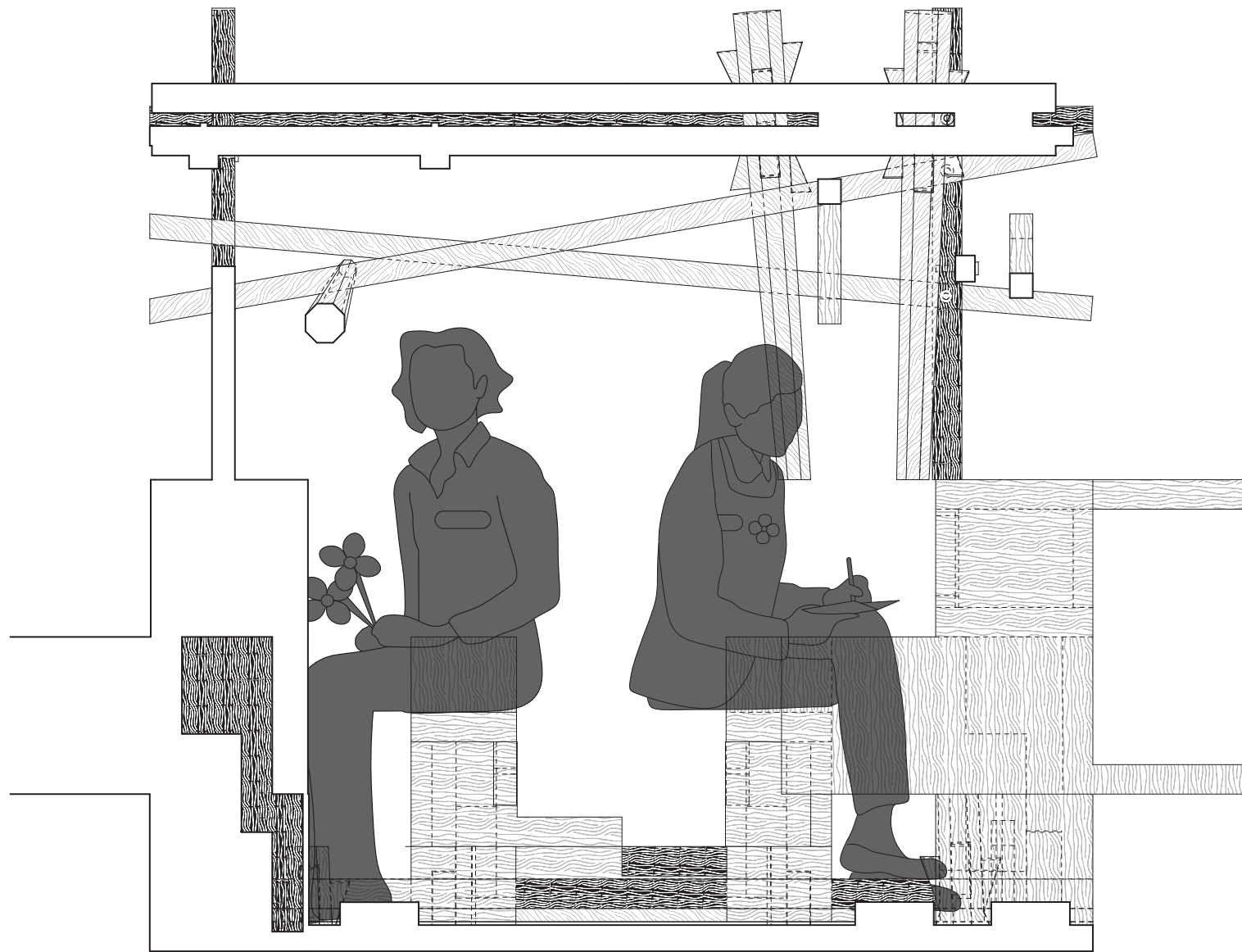
South Elevation
scale: 1"=1'-0"



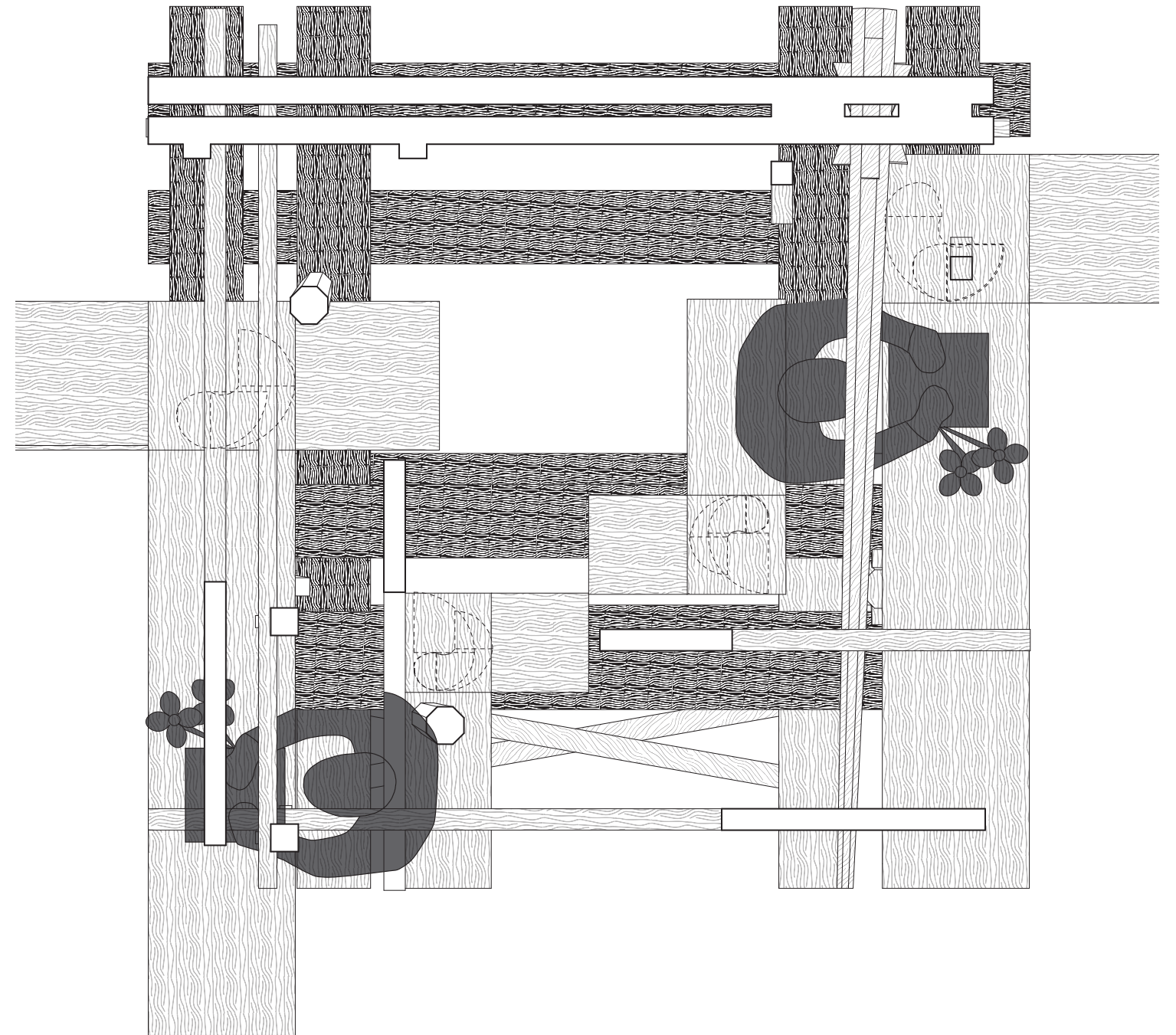
Living Study A. East Elevation
scale: 1"=1'=0"



West Elevation
scale: 1"=1'=0"



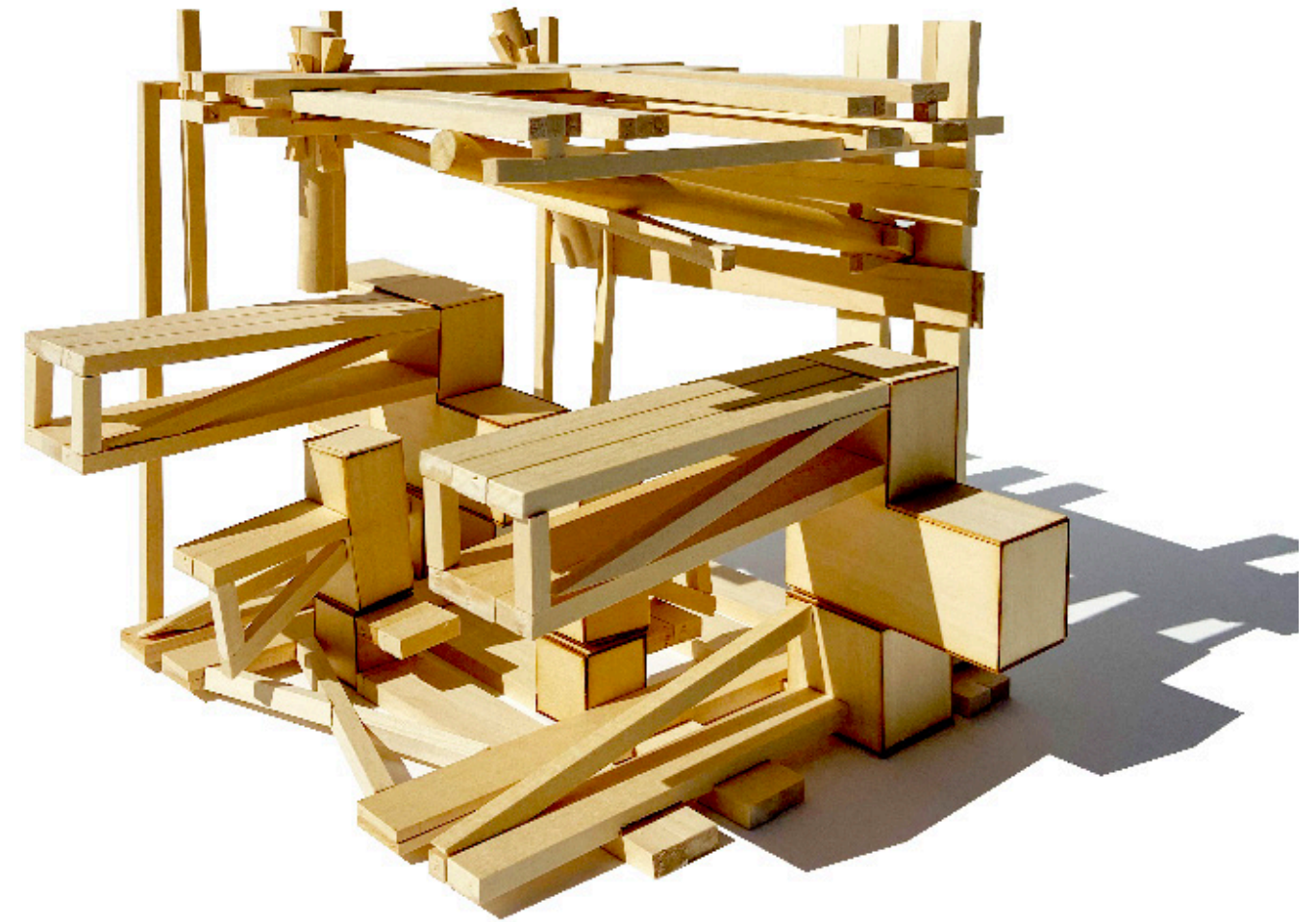
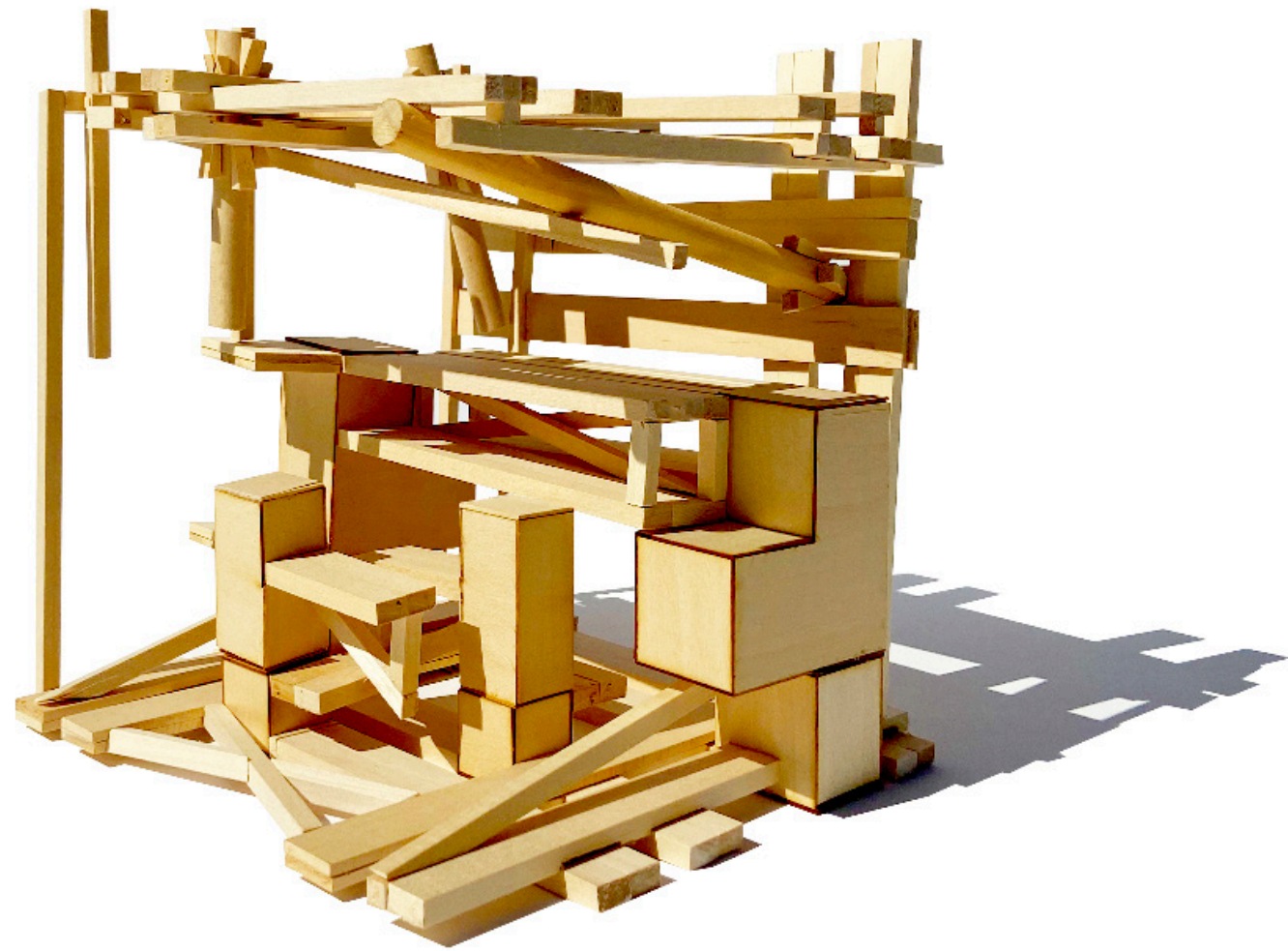
Living Study B. Section
scale: 1"=1'-0"



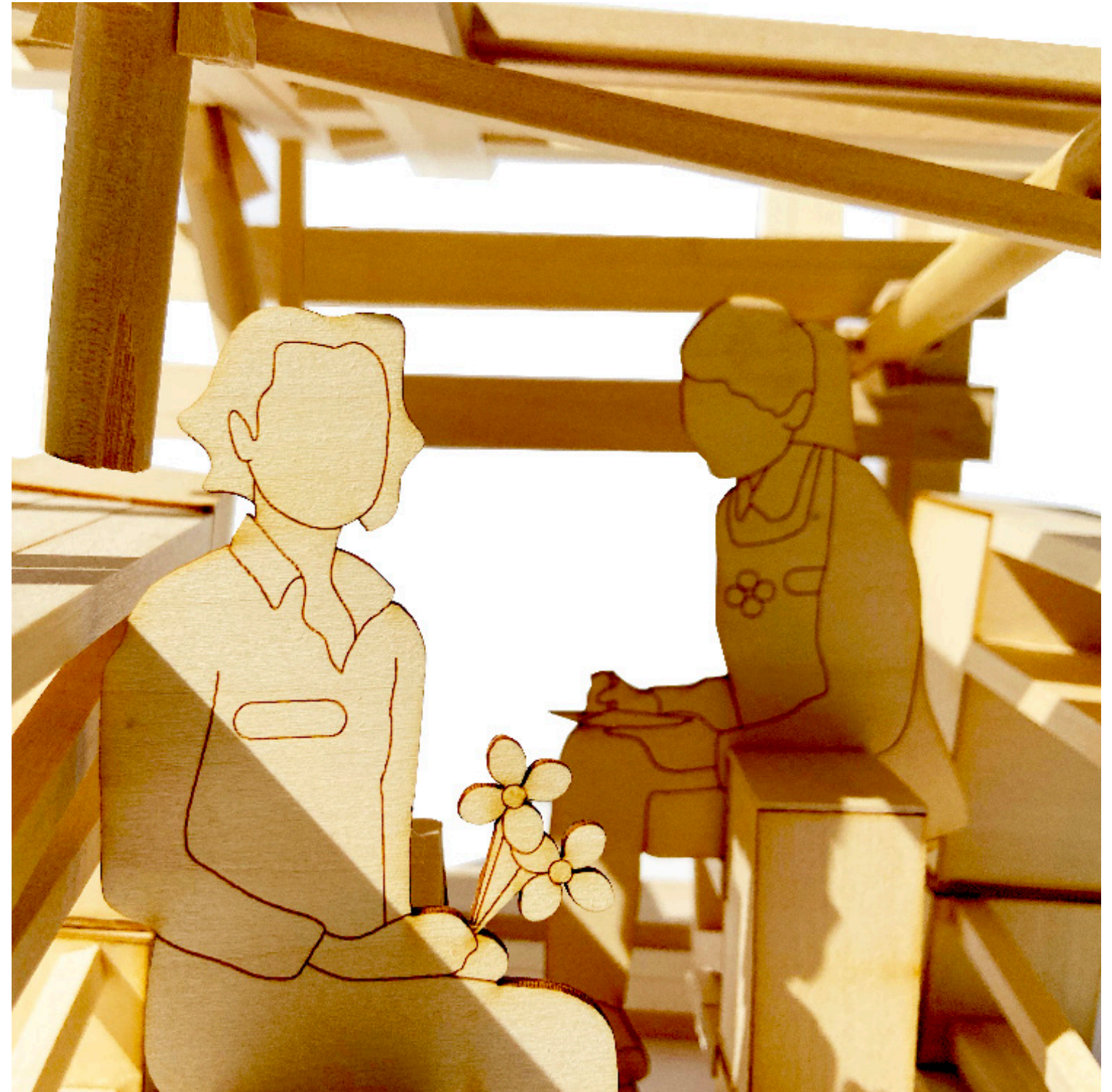
Plan
scale: 1"=1'-0"



Living Study. Model Photos



Living Study. Model Photos

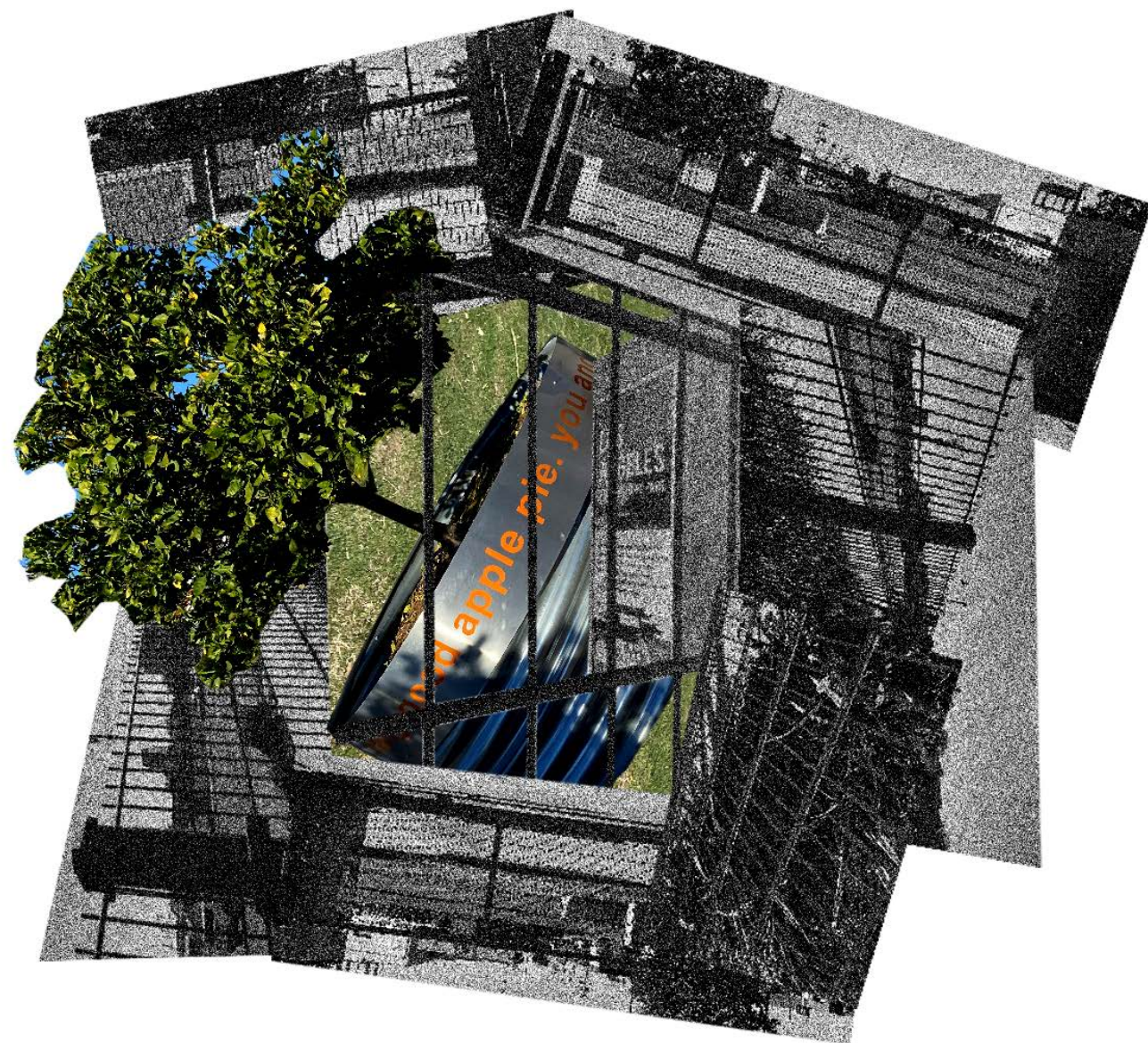


Living Study. Model Photos

Project 02. Part I



01. Photo-Collage
NTS



02. Photo-Collage

NTS



DEMOGRAPHIC DATA.

Household Income:

Median: \$22,754* (as of 2008)

* Low for the city of Los Angeles and the county

\$20k or more: 27%

\$20-50k: 23.3%

\$75-100k: 10.7%

Education:

8.3% Residents with Four Year Degree

Ethnicity:

Asian: 70.6%

Chinese (56.5%)

Latino: 23.5%

Mexican (17.1%)

White: 2.5%

Black: 1.8%

Other: 1.5%

01. Site Demographics Axonometric. "Living Diagram"

scale: 1:200



DEMOGRAPHIC DATA.

Types of Local Businesses:

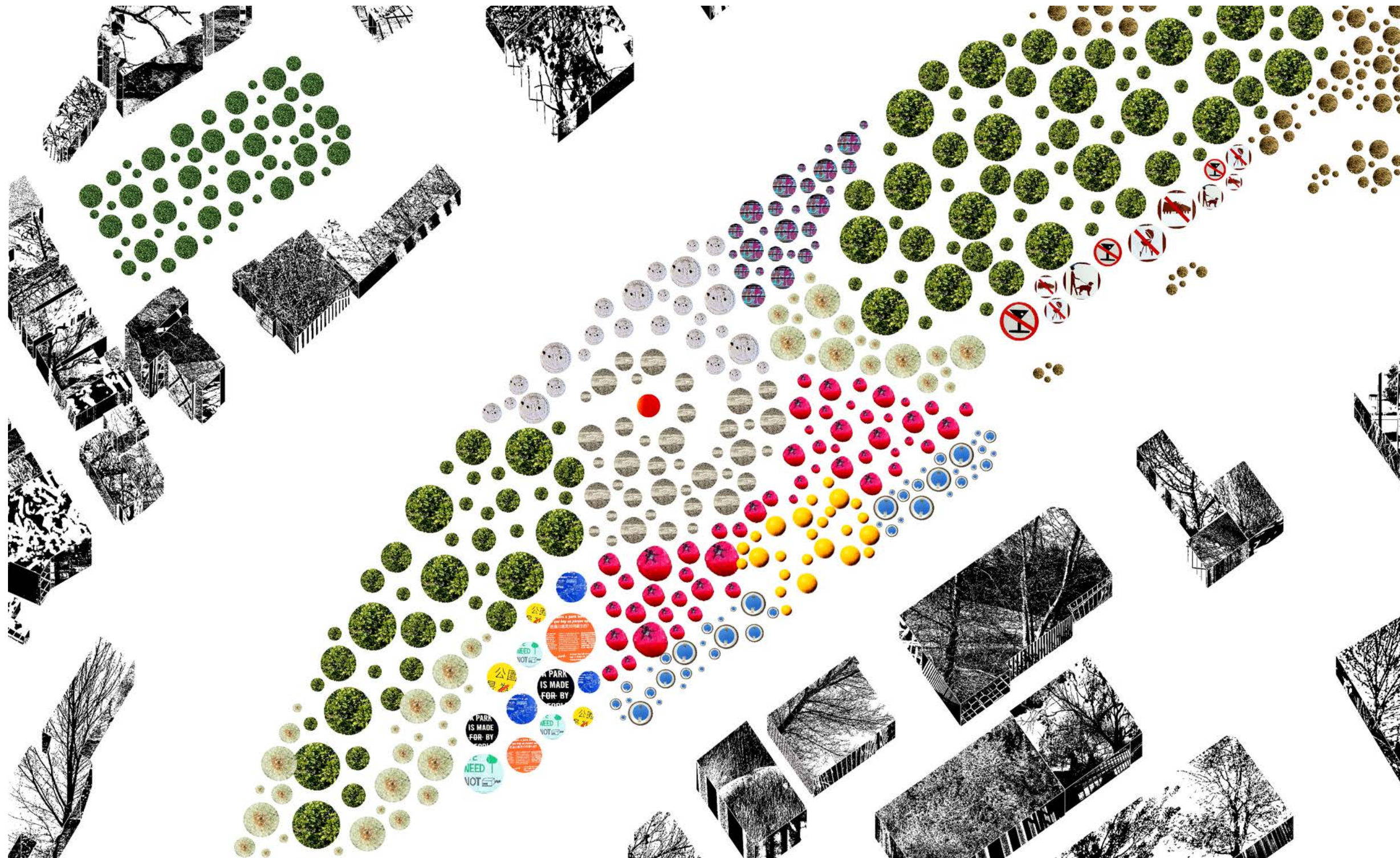
- Asset Management
- Food Services
- General Shops
- Non-Profit Organizations

Building Uses:

- Education
- Family-Owned Store
- Gift Shop/Boutique
- Management
- Restaurants
- Religious Institutions
- Warehouse

02. Site Demographics Axonometric. "Working Diagram"

scale: 1:200



DEMOGRAPHIC DATA.

Outdoor Recreation Spaces:
 Downey Recreation Center
 Elysian Park
 Los Angeles State Historic Park
 Ord and Yale Street Park
 Radio Hill Gardens

Indoor Recreation Spaces:
 Alpine Recreation Center
 Chinatown Central Plaza
 Downey Recreation Center
 The Stronghold Climbing Gym

03. Site Demographics Axonometric. "Playing Diagram"

scale: 1:200

Mina.



Who lives in the Neighborhood.

Name:

Mina Valentino

Location:

Recently moved from Nevada, Mina lives in Flores Del Valle Apartment Complex with her husband and bengal cat, Honey. She resides in a two bedroom and one bathroom apartment. The Valentino's reserve the second bedroom for when their daughter and son-in-law visit.

Occupation:

Once a successful elementary school teacher and children's book author and illustrator, she is now retired.

Interests:

Adored for her sense of humor and kindness, she never fails to share her optimistic perspective.

1. Mina enjoys watching *The Great British Bake Off* with her husband and re-reading historical fiction novels.
2. Soon-to-be grandmother, she frequently knits clothes and blankets for her future grandchild.
3. Eager to make others smile, she tries to incorporate puns into as many conversations as she can, when appropriate.

Daily Activities:

To begin her day, Mina wakes up at six in the morning after ten hours of sleep. Her husband prepares her breakfast and surprises her with a weekly bouquet from a local florist. The pair take their daily walk around the city, taking a new route each time. They try to find a new place to eat for either lunch or dinner. The two then watch *The Great British Bake Off* until they fall asleep.

Relationship to Site:

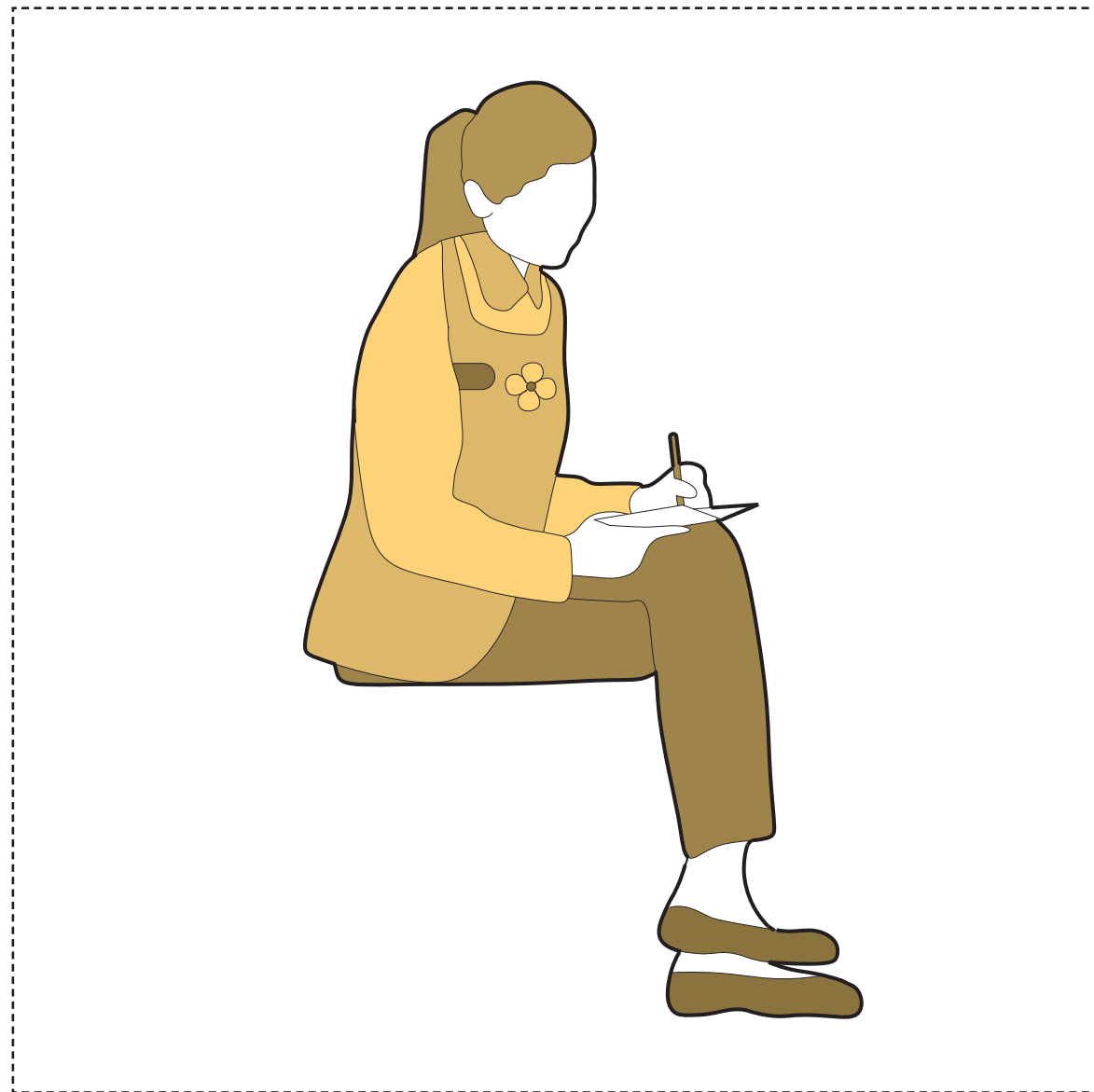
Mina loves to stop by the Los Angeles State Historic Park on her daily walk.

1. She enjoys the great history of the park and the rich nature within the urban landscape.
1. Mina and her husband love the variety of paths they can walk on, such as the grass, stones, dirt, and sidewalk.
2. She is drawn to the warm sounds of families and friends all enjoying their time at the park.

Relationship to Proposal:

Mina encounters the reading room during her daily walk with her husband. Intrigued by the books and reading room's interaction with the surrounding environment, she is able to take a break from walking and take in the park's beautiful view.

Grace.



Who works in the Neighborhood.

Name:

Grace Song

Location:

Having grown up in Los Angeles, Grace resides along Cottage Home Street with her grandparents and younger brother. She currently lives in a rented two story house with seven bedrooms and three bathrooms.

Occupation:

Grace works at Glory Flower and Gift Shop as a specialized florist and cashier helping her grandparents.

Interests:

Grace has a large place in her heart for nature and her family.

1. Grace loves to read botanist journals and watch florist competition shows such as, *Full Bloom* and *The Big Flower Fight*, during her freetime.
2. Outside of work, she takes care of her local communal garden.
3. She can frequently be seen drinking a warm cup of chai tea due to her inconsistent and unhealthy sleep schedule.

Daily Activities:

On a day-to-day basis, Grace begins by waking up at sunrise in order to open the store. She prepares breakfast for her family and drops off her brother at Ann Street Elementary School. After working at the register for the majority of the day, Grace winds down by closing the flower shop and documents the growth of her local communal garden.

Relationship to Site:

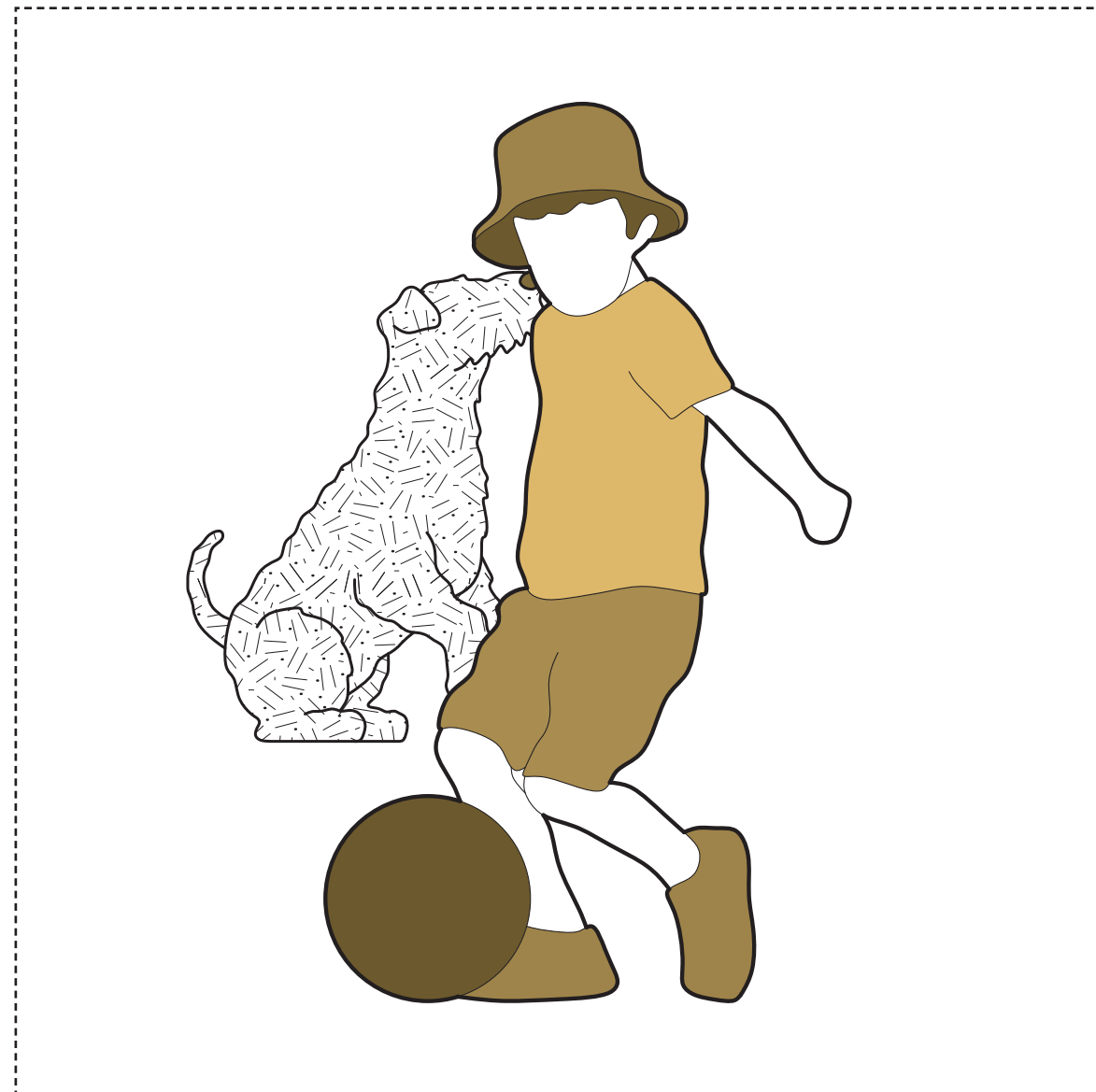
With a short distance to her work, Grace visits the Los Angeles State Historic Park.

1. During her lunch breaks, she enjoys walking to the park and having a picnic along the fields.
2. Grace loves to document both the blossoming and wilting textures of the park's botany.
3. She appreciates the slow atmosphere in contrast to the adjacent bustling urban scene.

Relationship to Proposal:

Grace encounters the reading room during her lunch break to the park. She is intrigued by the botanicals within the room. Because of the design, she is able to rest and document the details of the plants.

Gus-Gus.



Who plays in the Neighborhood.

Name:

Agustin "Gus-Gus" Santos

Location:

Gus-Gus lives on Bartlett Street in a three bedroom and one bathroom home that his parents own. He lives with his parents and two older twin brothers. The Santos family also takes care of one terrier poodle, Bumble.

Occupation:

Because Gus-Gus is only four years old, he is currently enrolled at Castelar Early Education Center.

Interests:

Open to adventure, Gus-Gus finds it difficult to turn down any opportunity for excitement.

1. Appreciative of his heritage, he loves to eat Filipino sinigang and Mexican chilaquiles.
2. Gus-Gus enjoys playing soccer with his brothers and playing fetch with Bumble.
3. Easily amused, Gus-Gus frequently snorts when he laughs.

Daily Activities:

Everyday, Gus-Gus is woken up by his parents to eat a hearty breakfast. At his pre-school, he enjoys playing with his best friends and teaching them the latest sport he learned about. After school, he is taken to the local park while he waits for his brothers to end school. He finishes the day by playing with Bumble and dancing with his parents.

Relationship to Site:

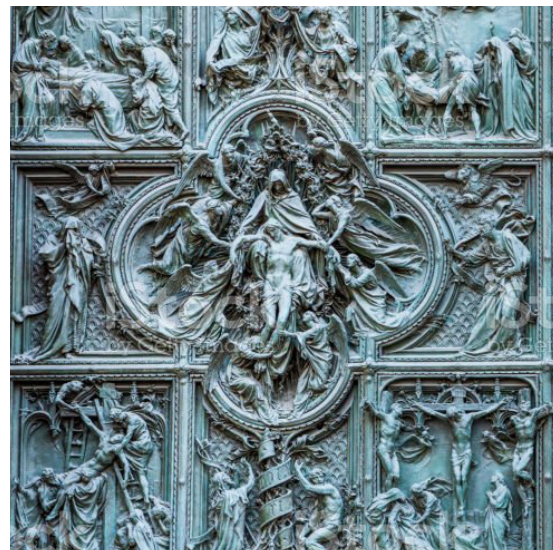
Visiting the Los Angeles State Historic Park is Gus-Gus' favorite part about waiting for his brothers to finish their school days.

1. The seemingly never-ending fields inspire Gus-Gus to explore more each day.
2. Gus-Gus enjoys rolling along the grassy fields and feeling along the rocky walls.
3. With such an open space, he enjoys being able to scream and shout as loud as he can, unlike in his neighborhood.

Relationship to Proposal:

Gus-Gus encounters the reading room while waiting for his older brothers to finish school. He is intrigued by the elysian elements of the reading room, curious to find what lies behind its walls. The reading room provides Gus-Gus with a place to run around while also learning more about the park.

Bronze.



Texture of Blossoming.

General Info:

Bronze can be found in some of the architecture within the surrounding Chinatown. The material is known for its hardness and brittleness, but less brittle than cast iron. It also has a high resistance to corrosion from saltwater, which is why bronze is often used for ships and marine instruments.

Tectonics:

The material is primarily used as a “connector” between the wooden moving parts of the reading room.

1. As an enclosure, the material is reflective of who and what is being enclosed, giving light to the details of objects.
2. At a corner, bronze is malleable, making it fit into the shape of wooden corners smoothly.
3. At a seam, the material demonstrates a more modern and industrial visual in contrast to the traditional wooden visual. The bronze columns also come together to form a rotating tectonic by using a long cylinder and corresponding hole.

Distinct Features:

The finish is overall shiny when new, yet can be dull when weathered down. When it is weathered down, it produces a green-blue color due to the oxidization of the copper component. The material turns this color to prevent further corrosion. Similar to the blossoming hidden behavior, bronze blossoms into a new color as it “grows” with age.

Opacity:

Bronze is overall opaque with its metallic aspect, however, when it ages, the material finish can become cloudy and dull.

Textural Relief:

The overall appearance of bronze is polished, shiny, and hard. However, when aged, the material becomes matte and slightly coarse in areas of weather.

Finish Location:

Bronze is primarily placed at the pivot and hinge columns of the reading room. In contrast to the traditional wooden members that represent nature, bronze represents an age of modern industrialism by humans. As parts of the room are rotated, visitors can glance at their reflection within the new bronze and be reminded of age within the dull, weathered bronze.

Wood.



Texture of Harmonious.

General Info:

Wood is generally found within the Los Angeles State Historic Park through its bridges and welcome center buildings. The material is known for its sustainable nature, tensile strength, electrical and heat resistance, as well as its sound absorption. Visually, wood can be most known for its grainy and natural crevices.

Tectonics:

The wooden parts of the room are either connected to the same material, or to a pivoting or hinged bronze material. However, all the wood members are the same nominal size.

1. As an enclosure, the wood incorporates small overhanging pieces that act as places for shade for the visitors.
2. At a corner, the single size of wood comes together into double the scale by connecting four of the same nominal lumber pieces.
3. At a seam, some lumber pieces can be held together by nails or plates.

Distinct Features:

The overall appearance of the wood is grey, similar to the ones used in the park's lower bridges. The wood grain is also subtle and light, making the planks seem more in contrast with one another. The material is overall harmonious because of its connection with nature and the ability for it to be reused and recycled again.

Opacity:

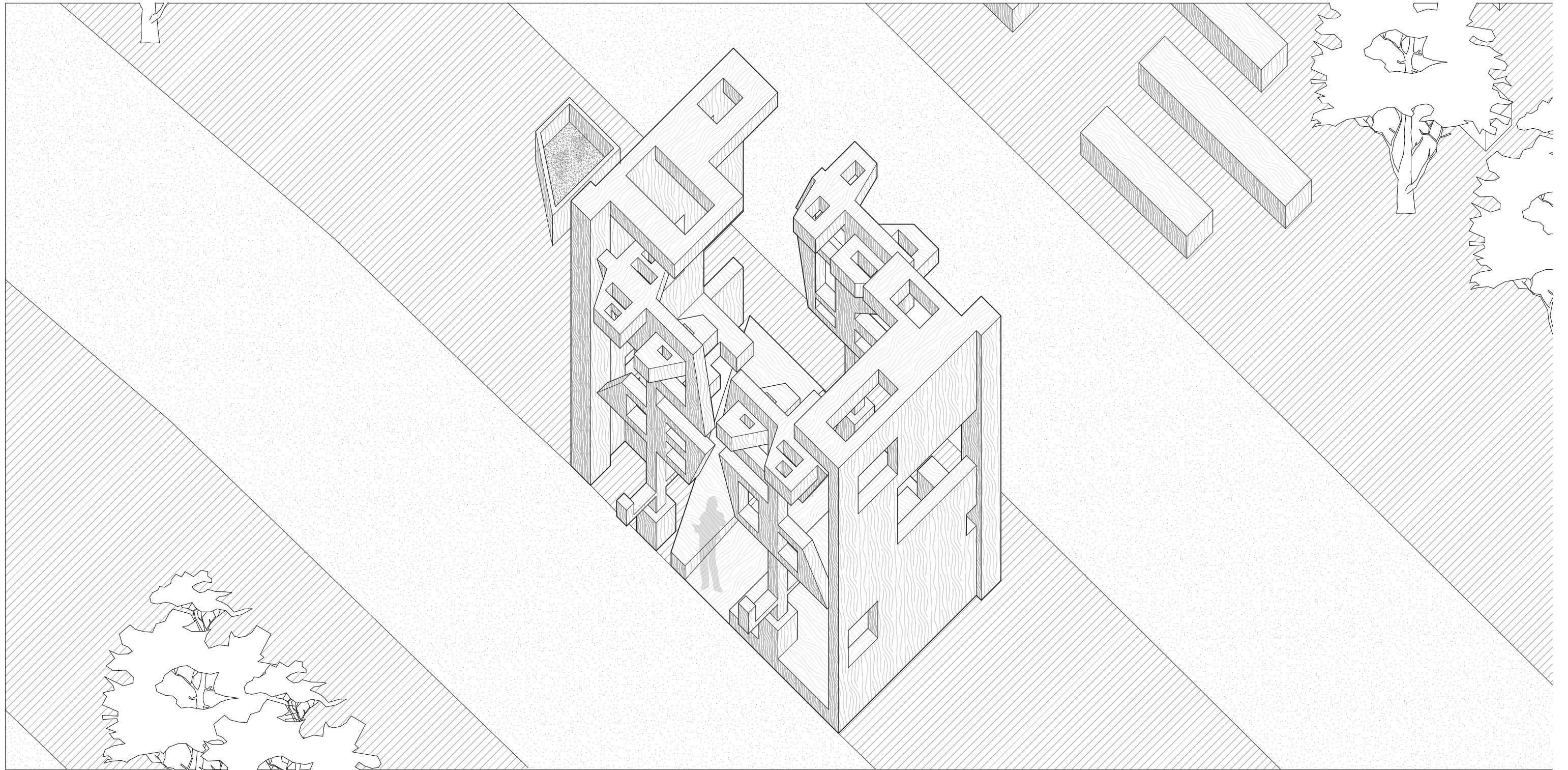
The material is opaque, expressing the wood's honesty and bluntness.

Textural Relief:

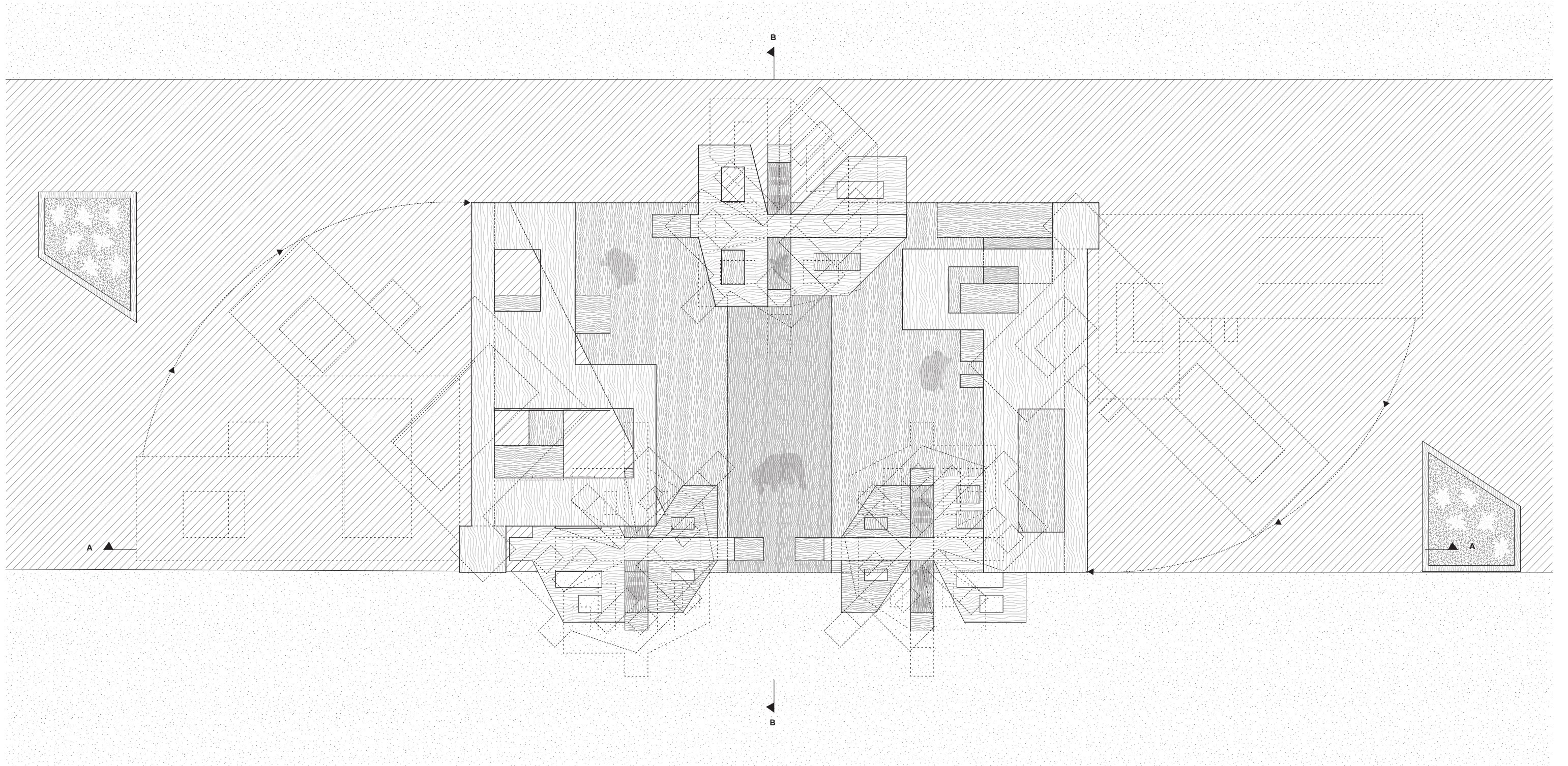
The overall appearance of the material is rough, bumpy, stiff, and slightly coarse due to the wood's natural sawn texture.

Finish Location:

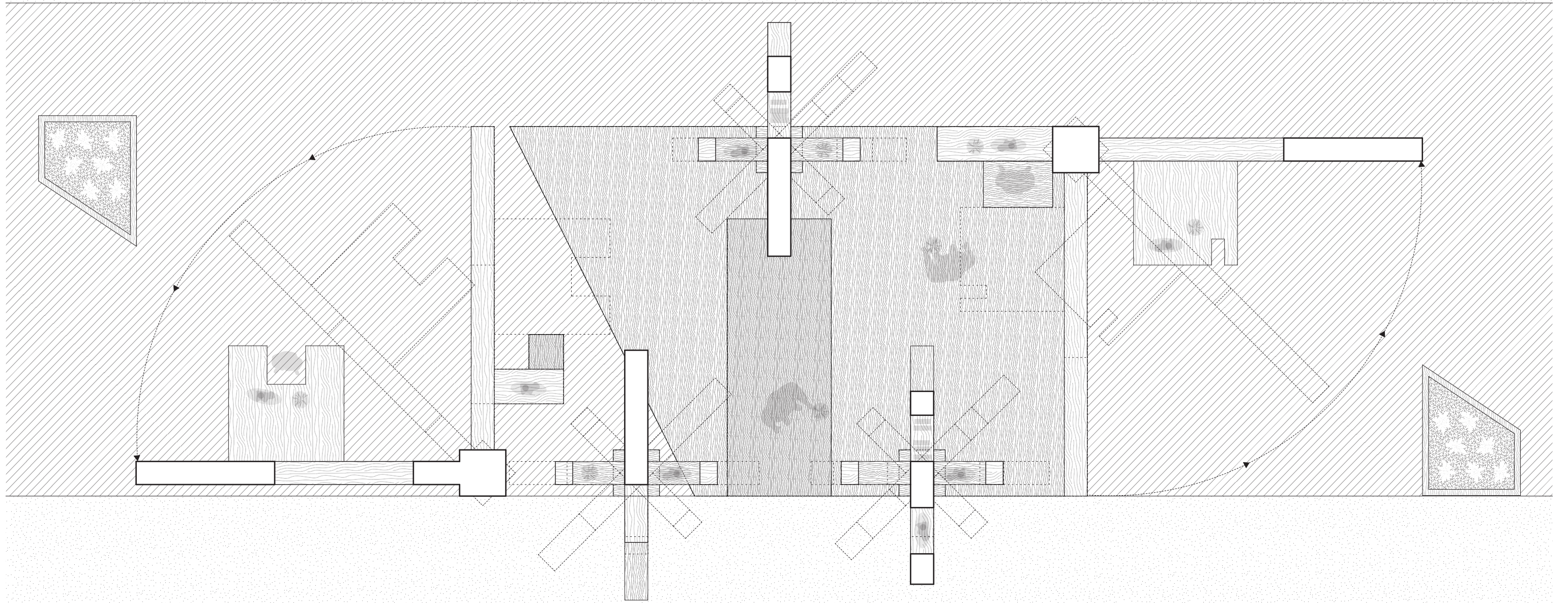
The wood is used within all of the non-pivoting points of the reading room. It is meant to act as the traditional and static features of the room in comparison to the dynamic and modern bronze members. The wood calls back to the importance of nature and how nature is being used and appreciated through today's architecture, especially in a park with green emphasis.



Reading Room. Axonometric
scale: 1/4"=1'-0"

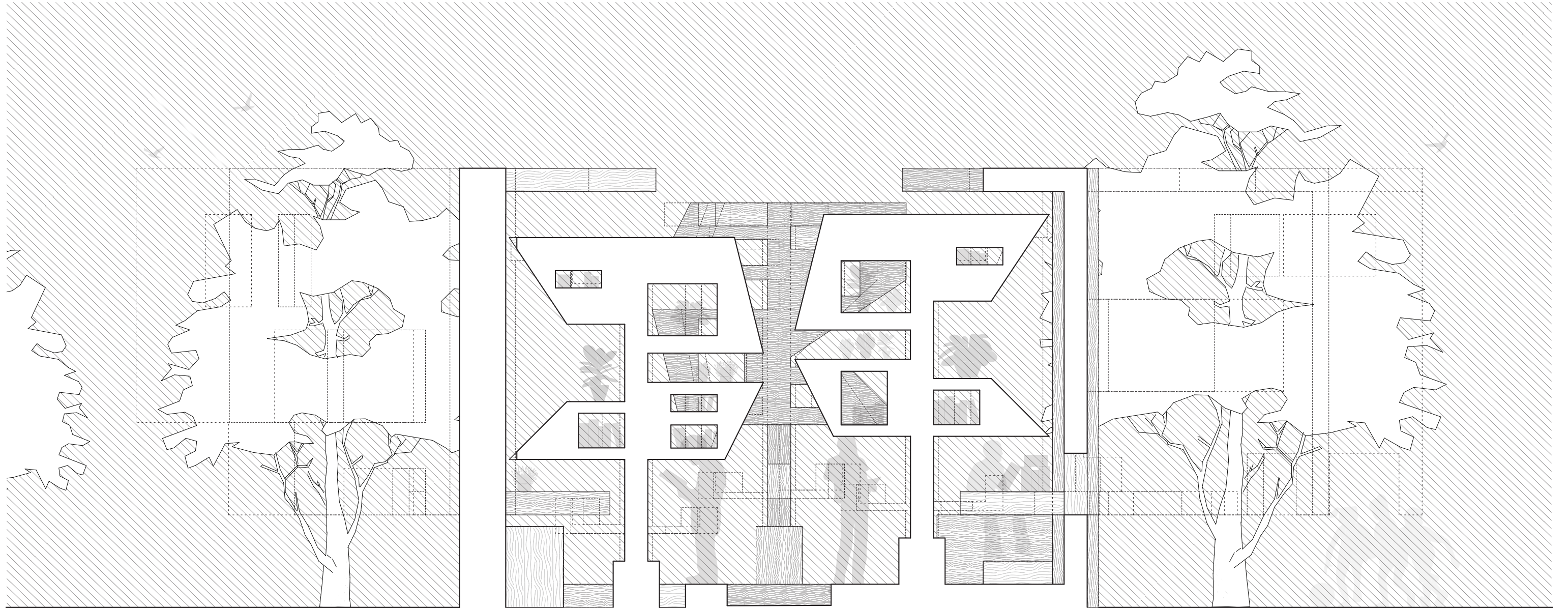


Reading Room. Top View
scale: 1/4"=1'-0"

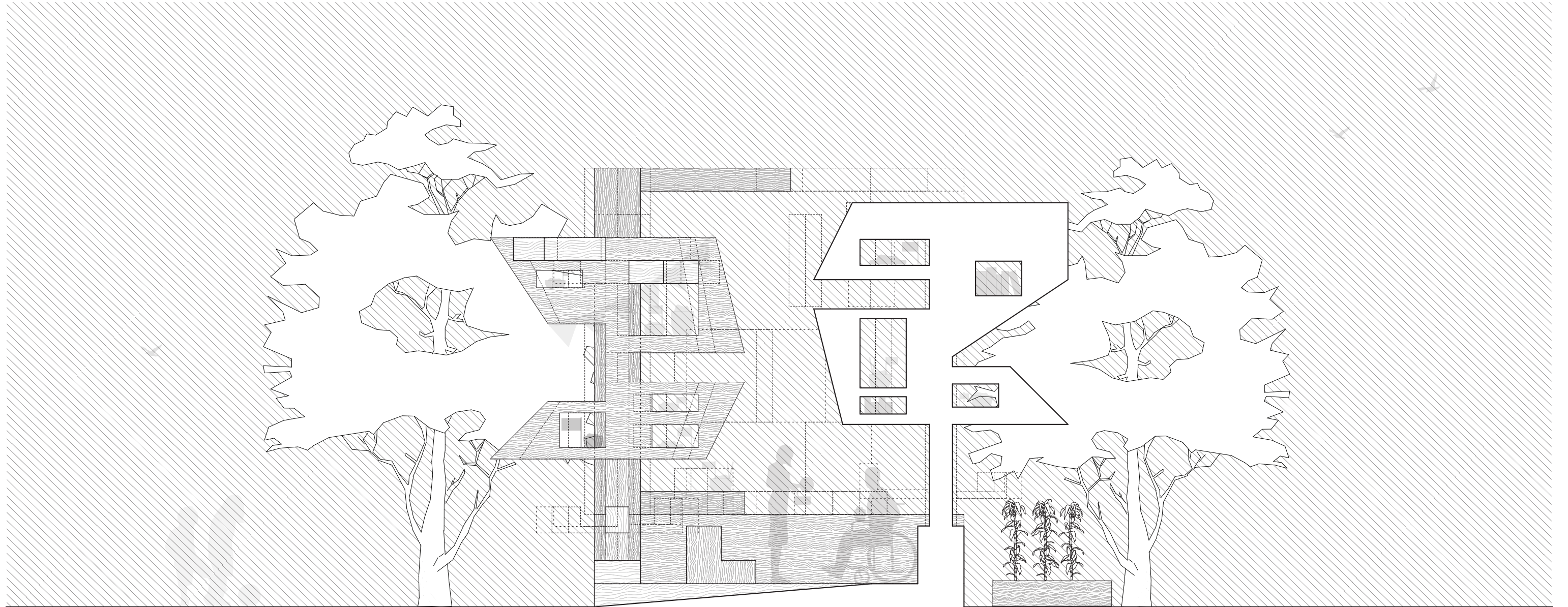


Reading Room. Cut Plan A

scale: 1/4"=1'-0"



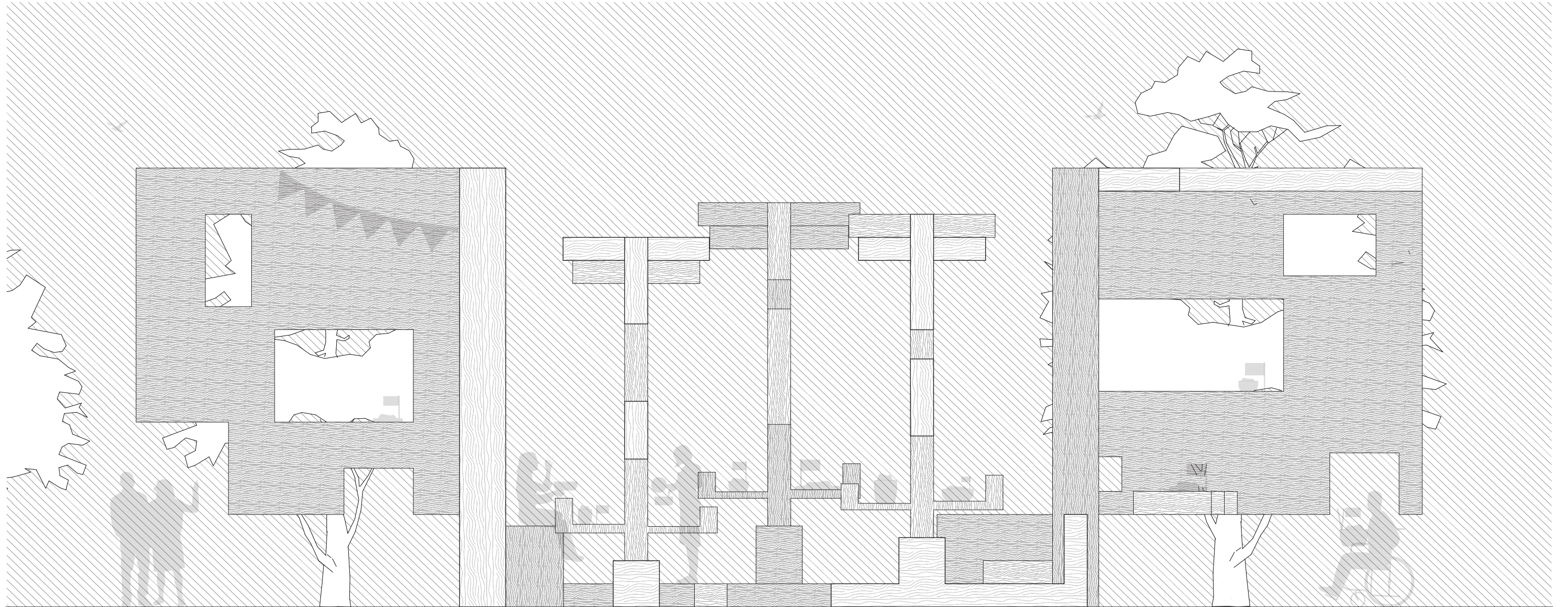
Reading Room. Section A
scale: 1/4"=1'-0"



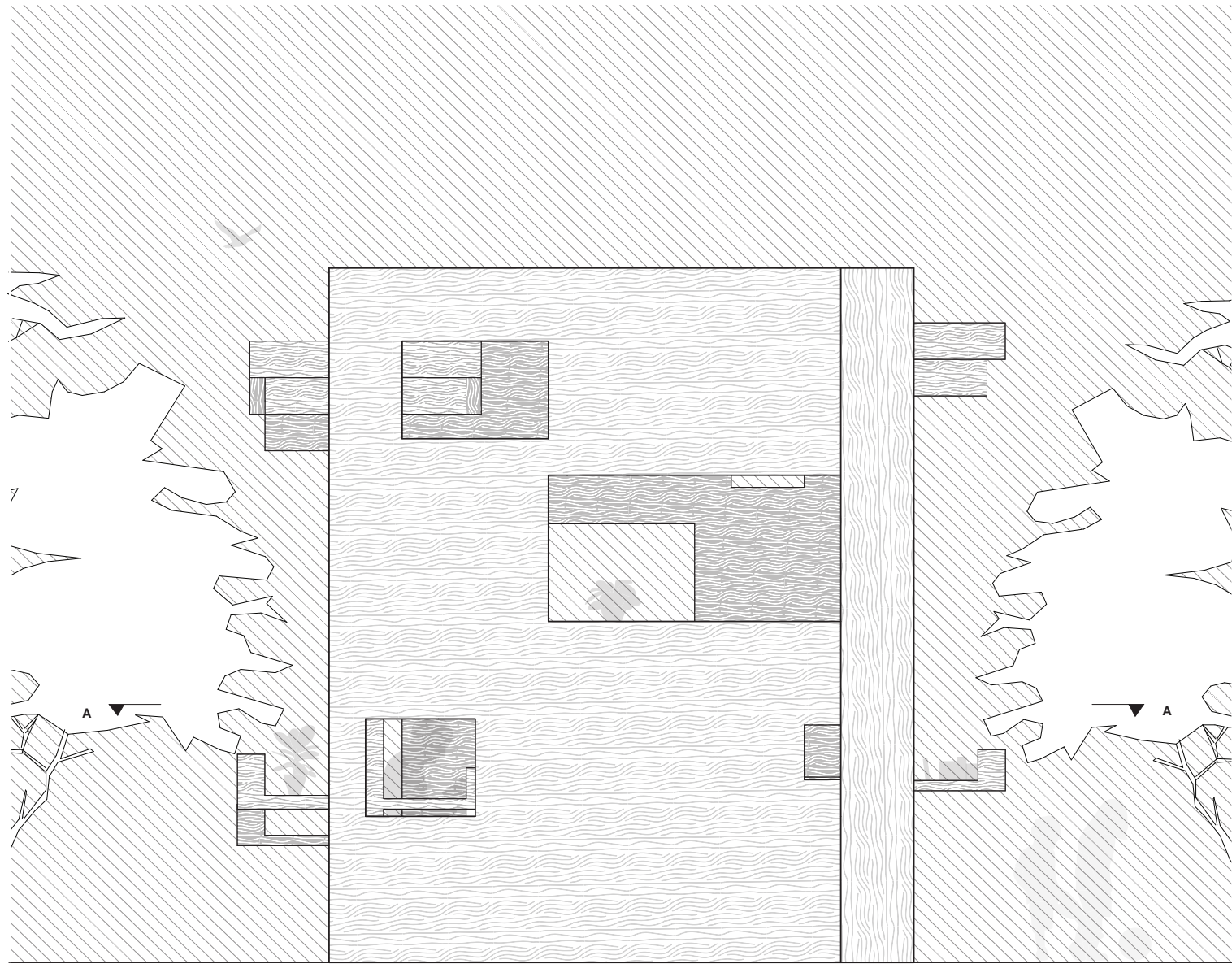
Reading Room. Section B
scale: 1/4"=1'-0"



Reading Room. North Elevation
scale: 1/4"=1'-0"

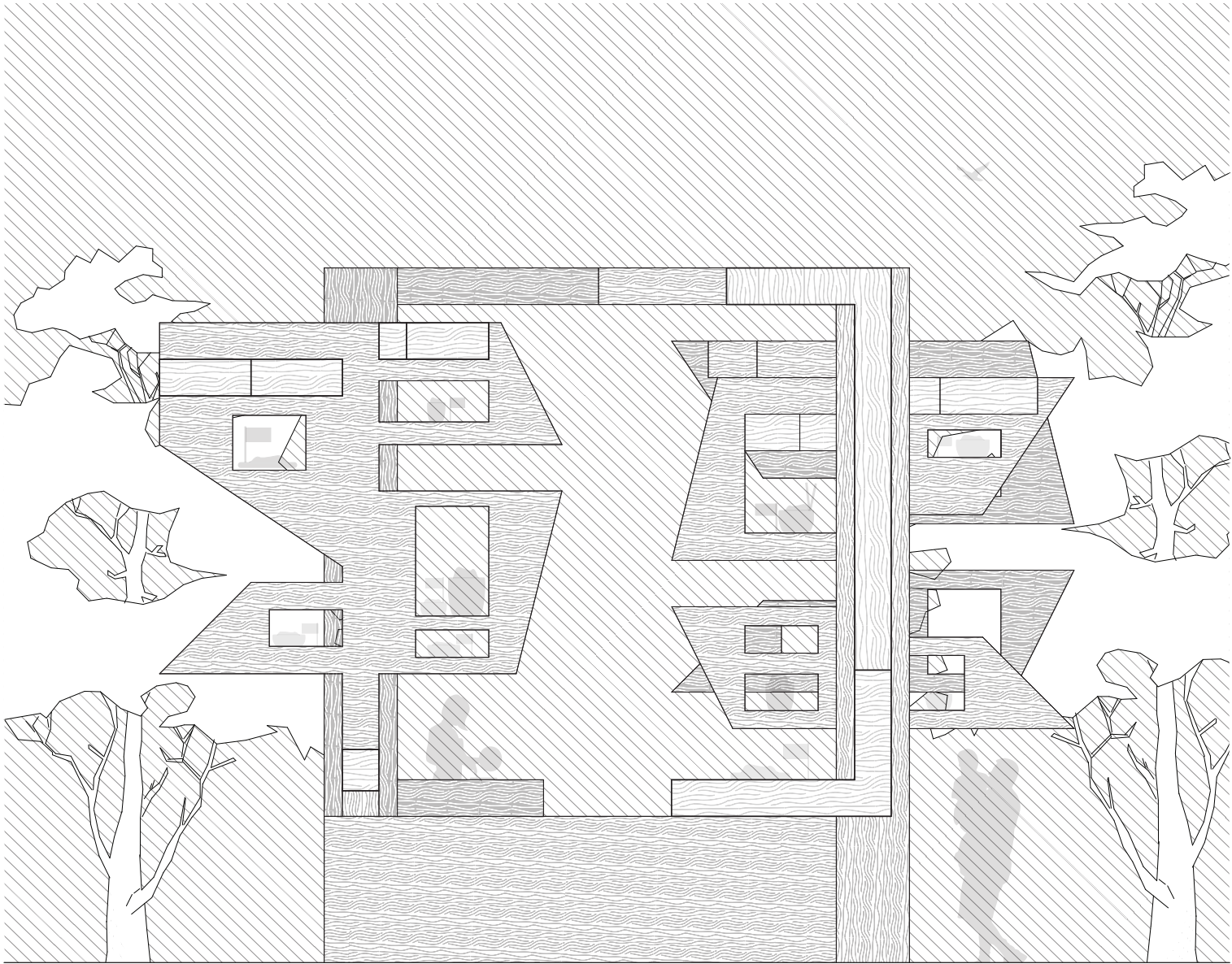


Reading Room. South Elevation
scale: 1/4"=1'-0"



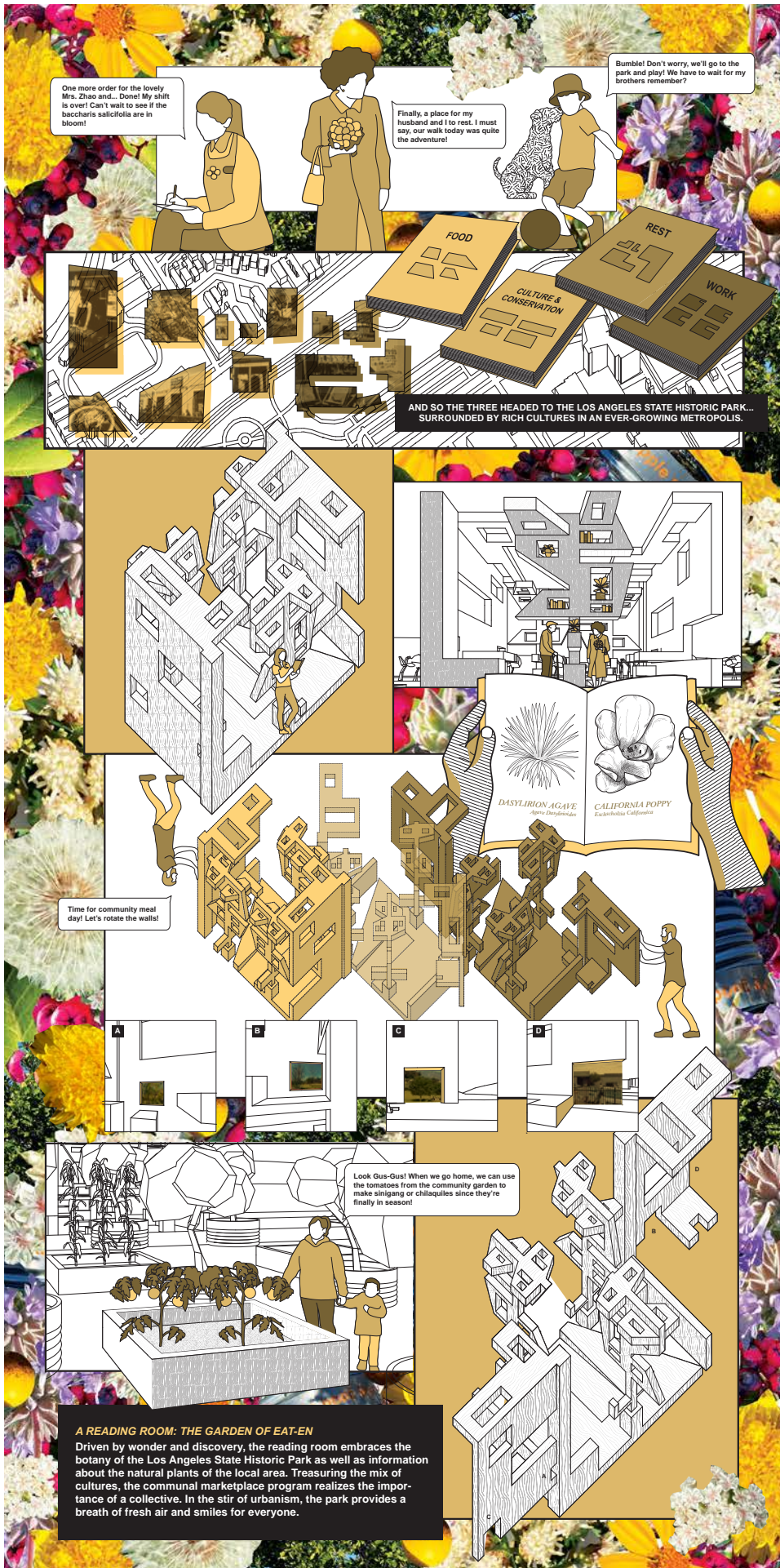
Reading Room East Elevation

scale: 1/4"=1'-0"



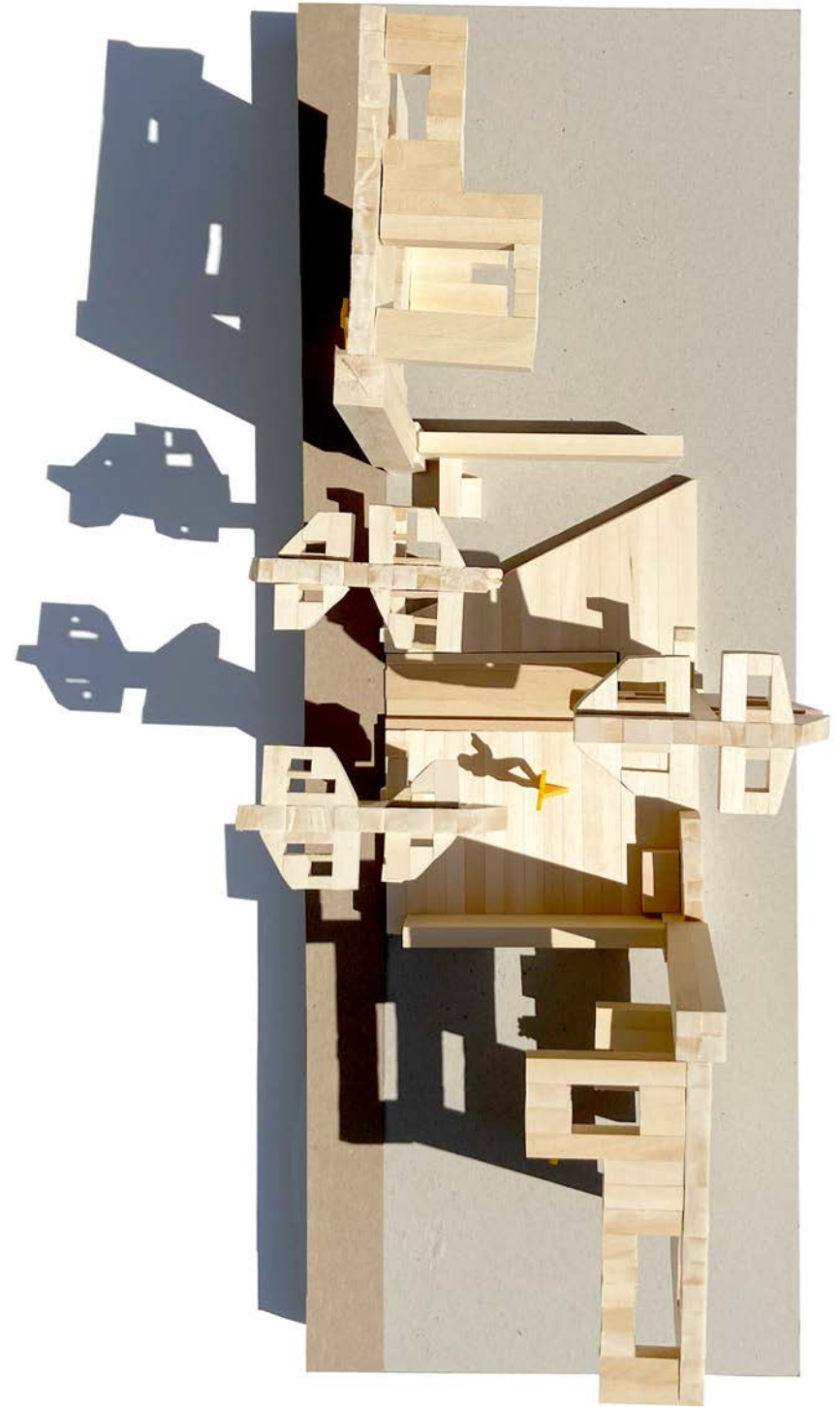
West Elevation

scale: 1/4"=1'-0"

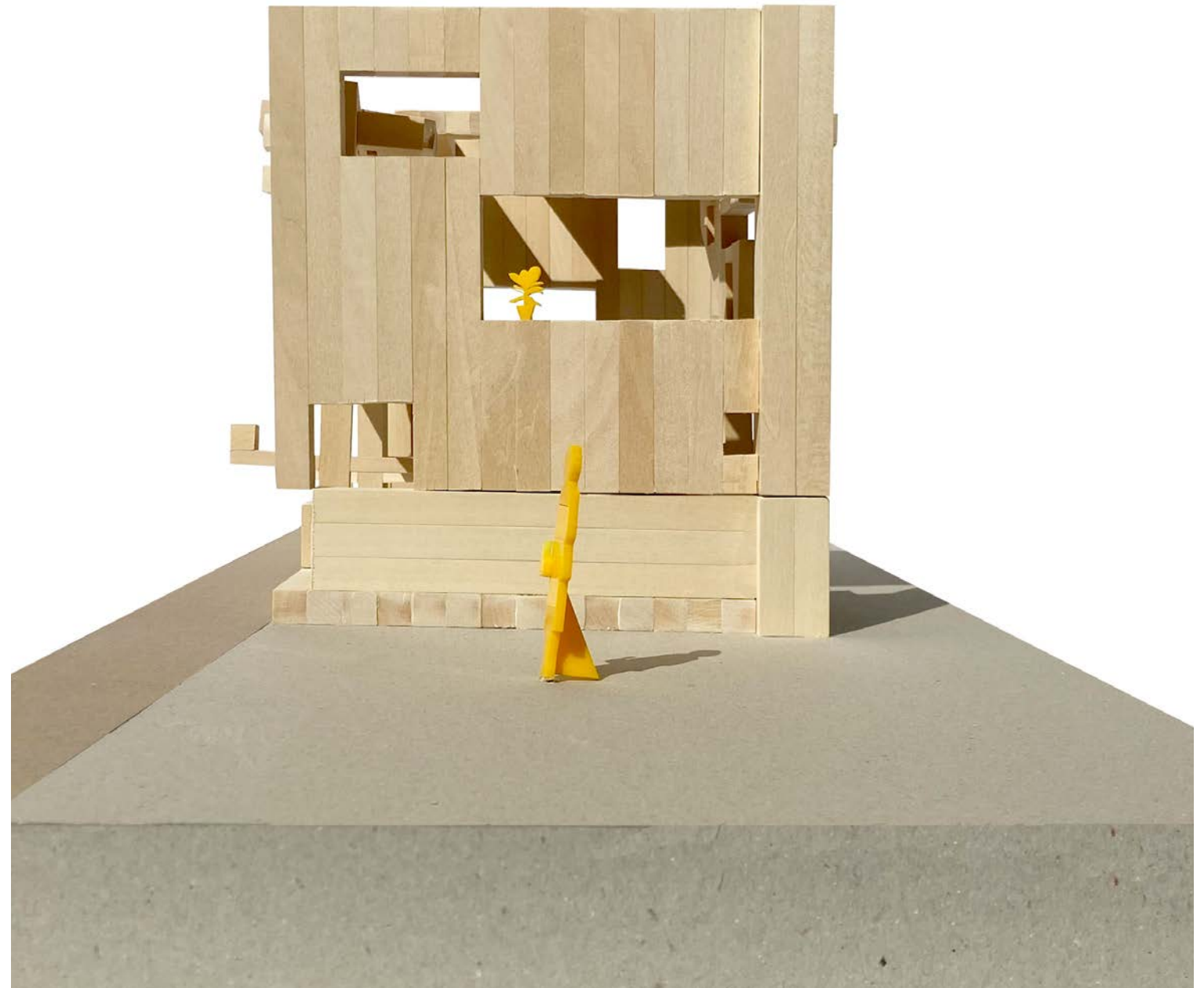


A READING ROOM: THE GARDEN OF EAT-EN
 Driven by wonder and discovery, the reading room embraces the botany of the Los Angeles State Historic Park as well as information about the natural plants of the local area. Treasuring the mix of cultures, the communal marketplace program realizes the importance of a collective. In the stir of urbanism, the park provides a breath of fresh air and smiles for everyone.

Reading Room. Experimental Drawing



Reading Room. Model Photos



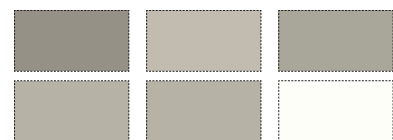
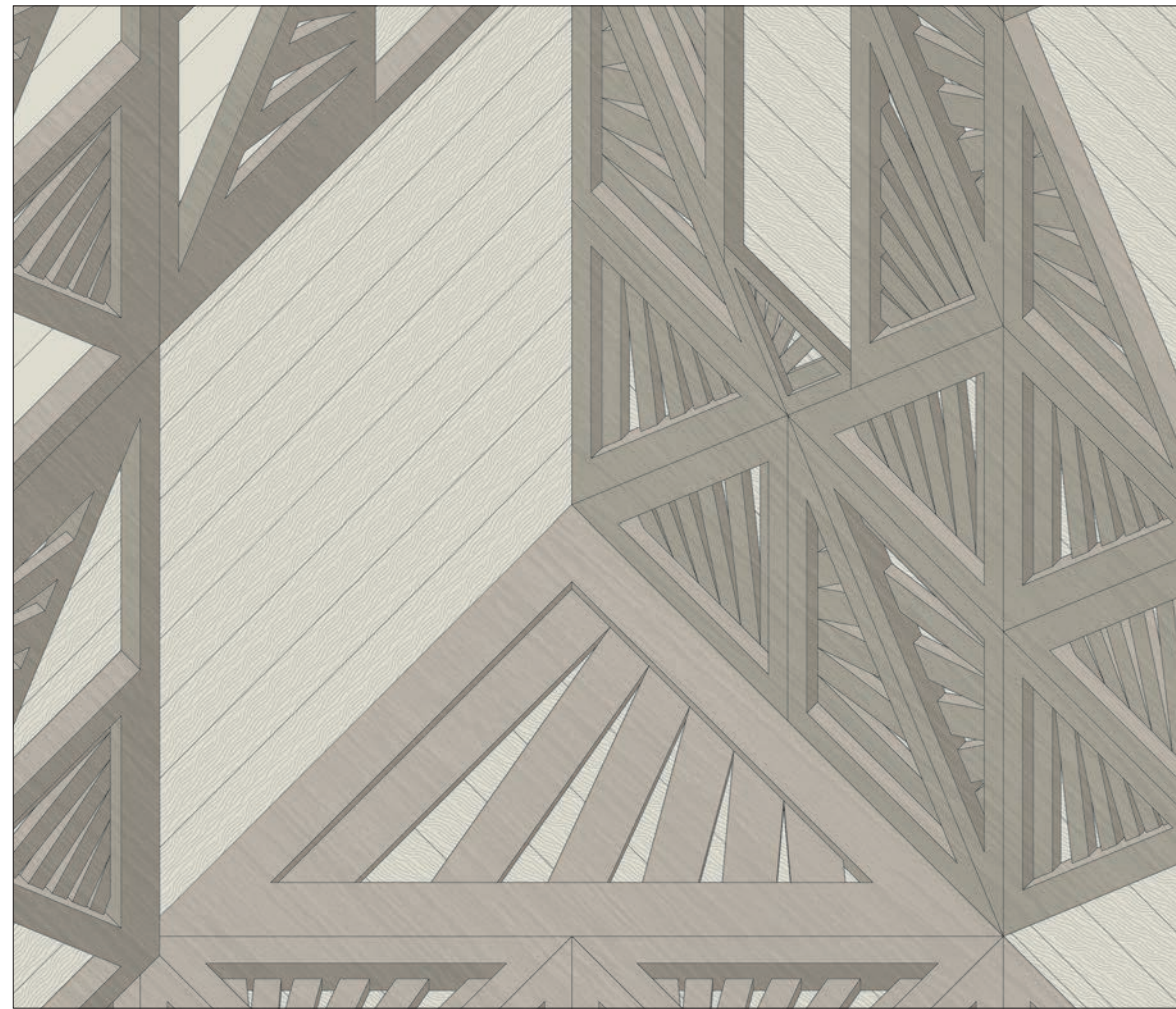
Reading Room. Model Photos



Reading Room. Model Photos

Project 02. Part II

Weathered Wood.



GENERAL INFO:
FANNED PLANKS

OVERALL SIZE:
4'8" X 3'8"

SECONDARY COLOR:
DARK GREY

FINISH LOCATION:
EXTERIOR

PRIMARY COLOR:
GREY

TEXTURAL QUALITY:
GRAINY

Elevation Oblique

scale: 2"=1'=0"

Blossoming Wood.



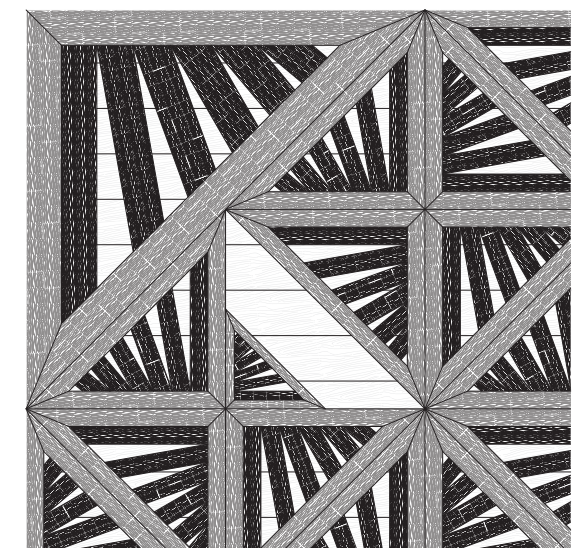
COLOR PHOTO



B&W DRAWING

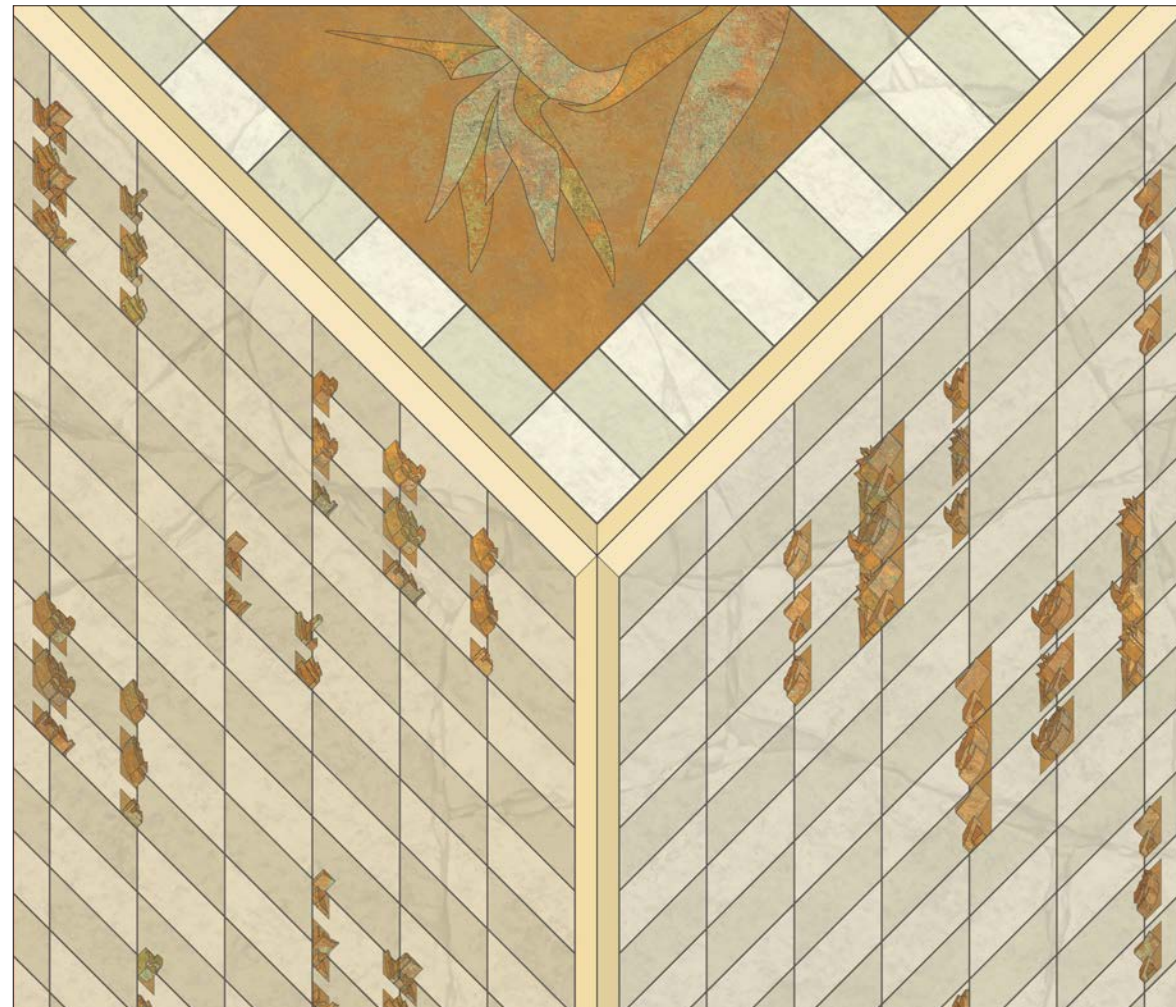


TONAL COLOR DRAWING



RE-DEFINED B&W DRAWING

Stone Veneer.



GENERAL INFO:
STONE VENEER
BRONZE INSERTS
FINISH LOCATION:
INTERIOR

OVERALL SIZE:
8" X 8" X 16"

PRIMARY COLOR:
STONE GREY

SECONDARY COLOR:
BRONZE

TEXTURAL QUALITY:
ROUGH, POLISHED

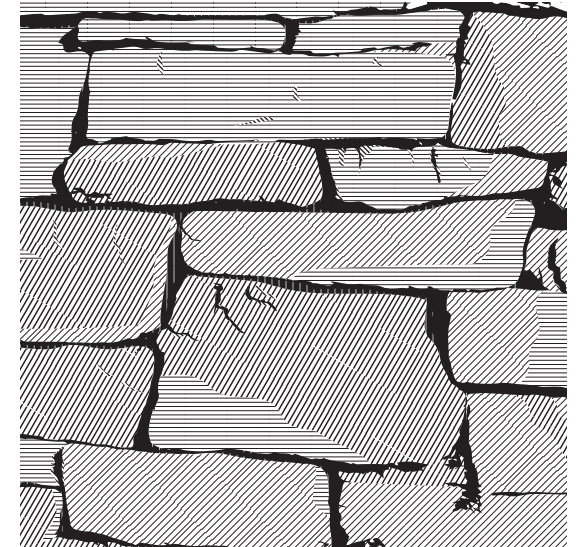
Elevation Oblique

scale: 2"=1'=0"

Harmonious Stone.



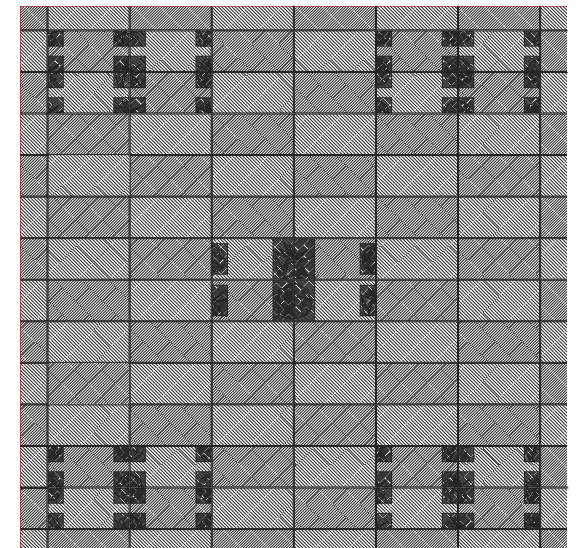
COLOR PHOTO



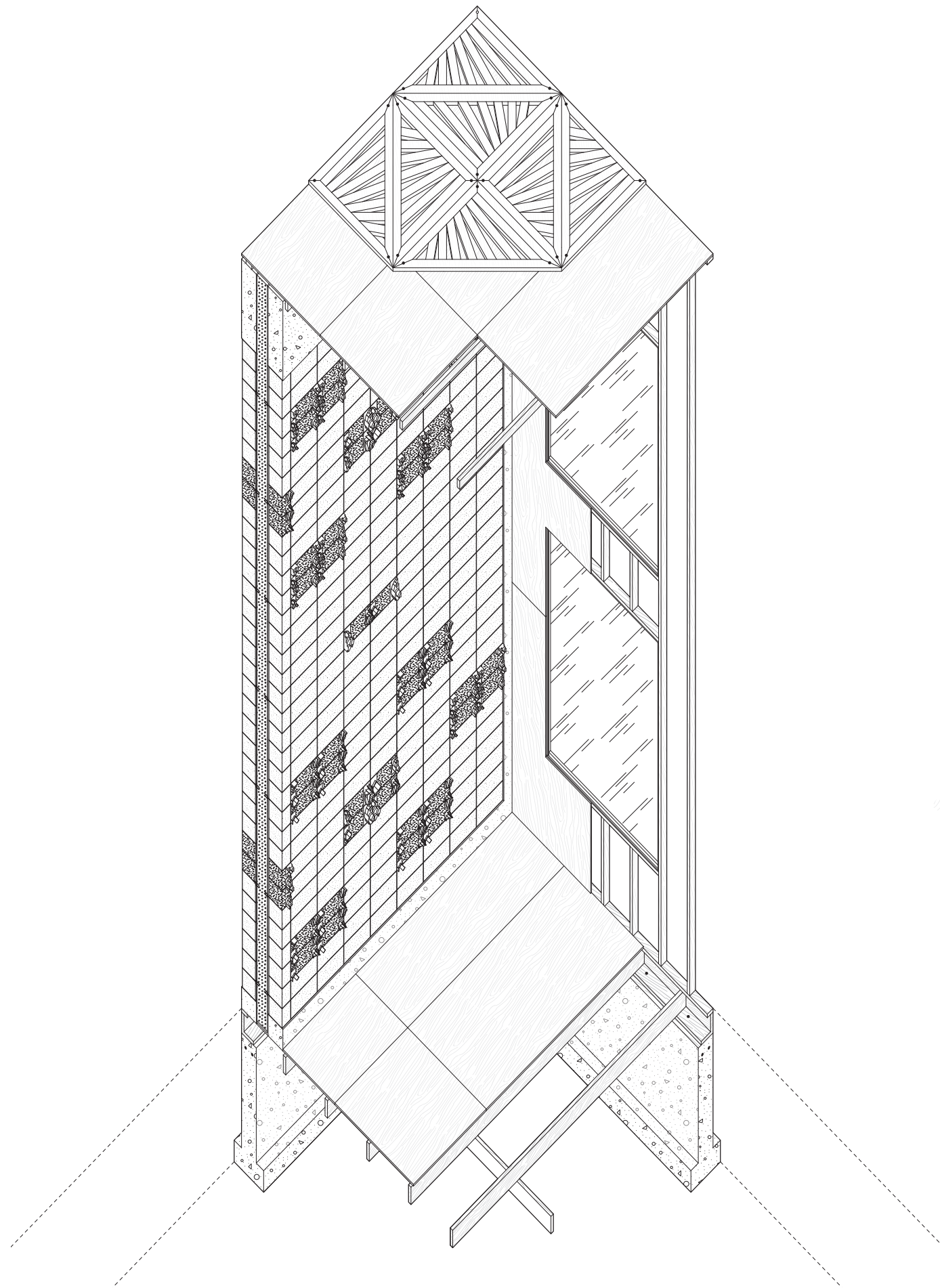
B&W DRAWING



TONAL COLOR DRAWING

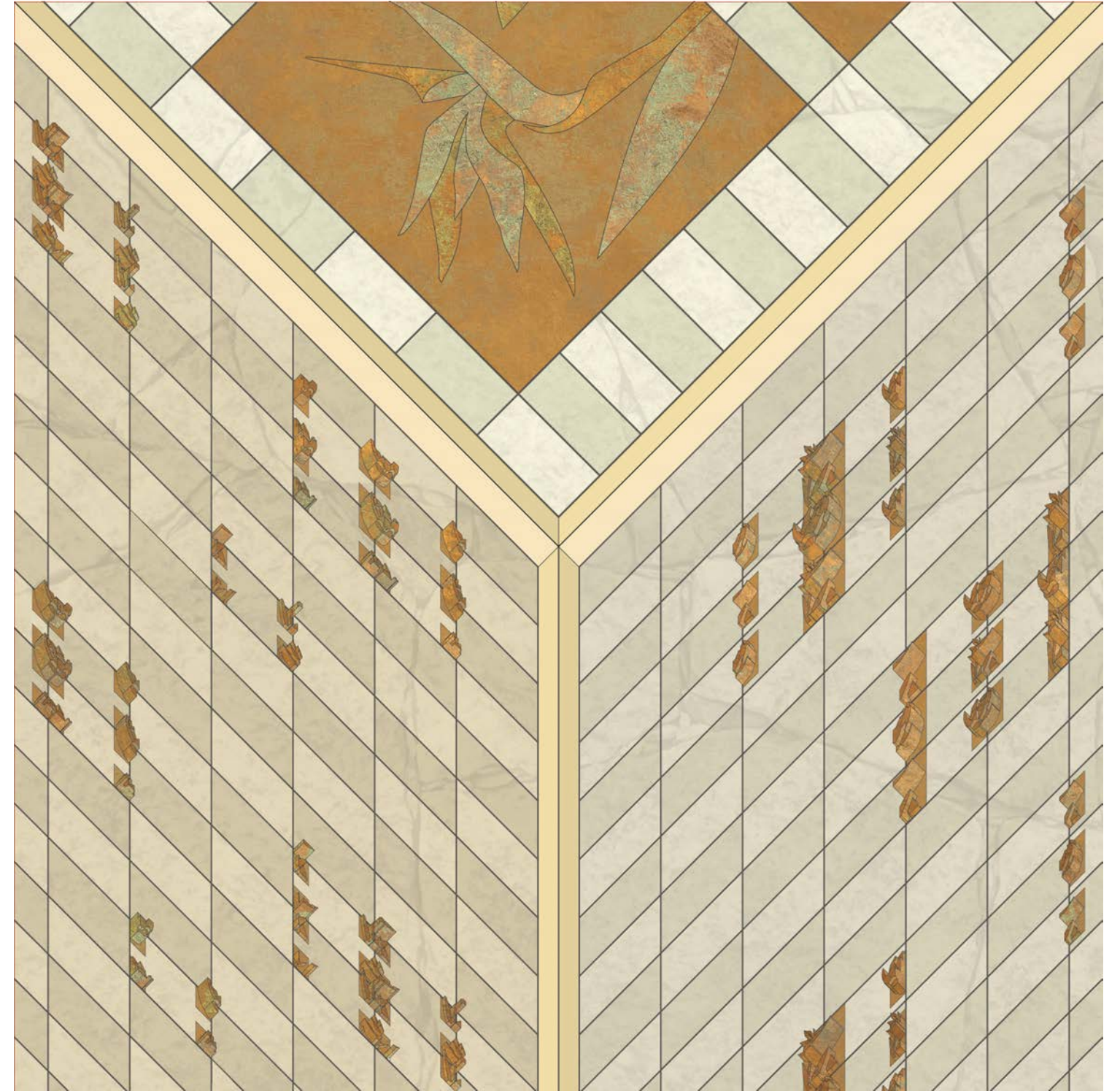
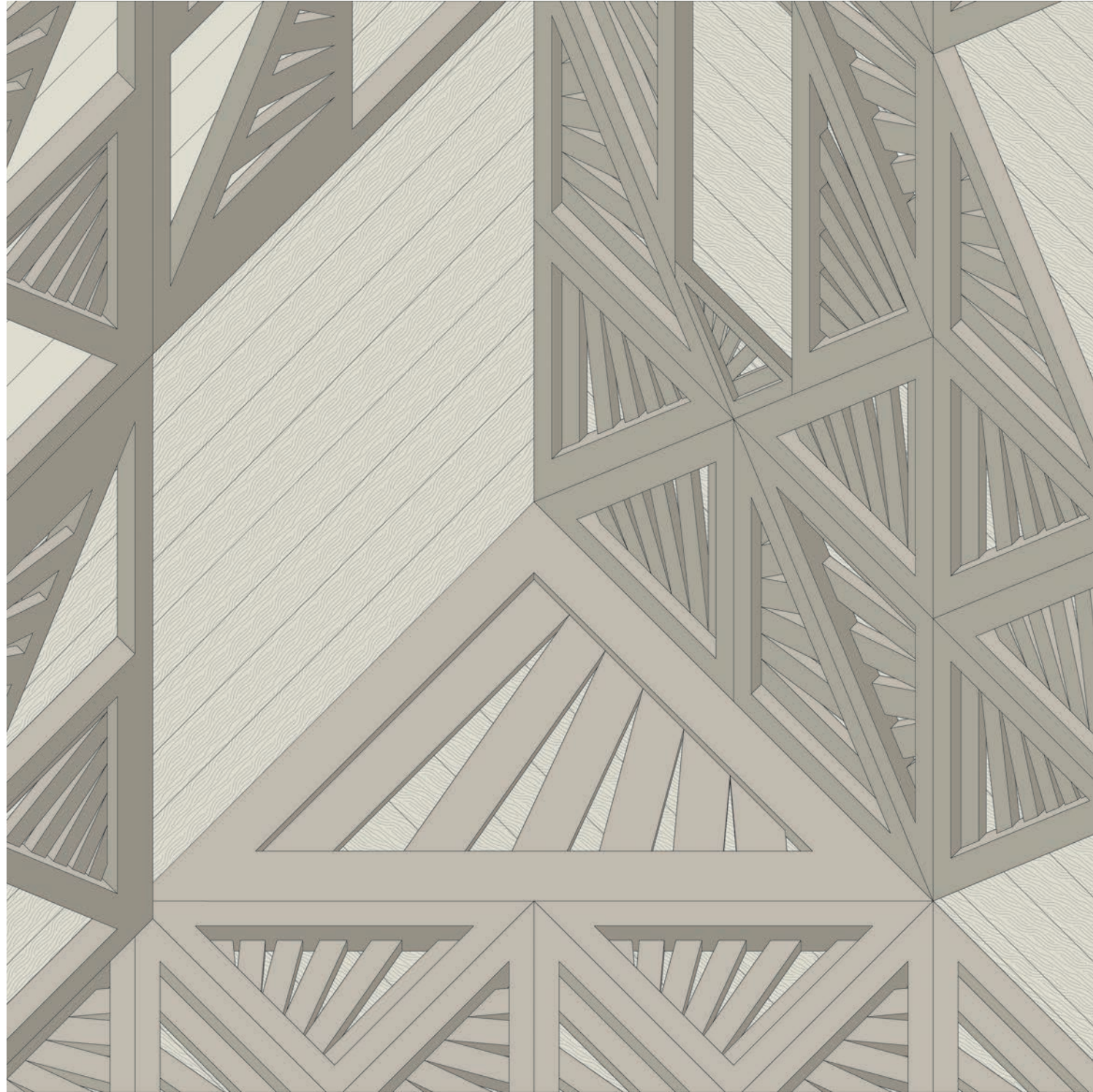


RE-DEFINED B&W DRAWING

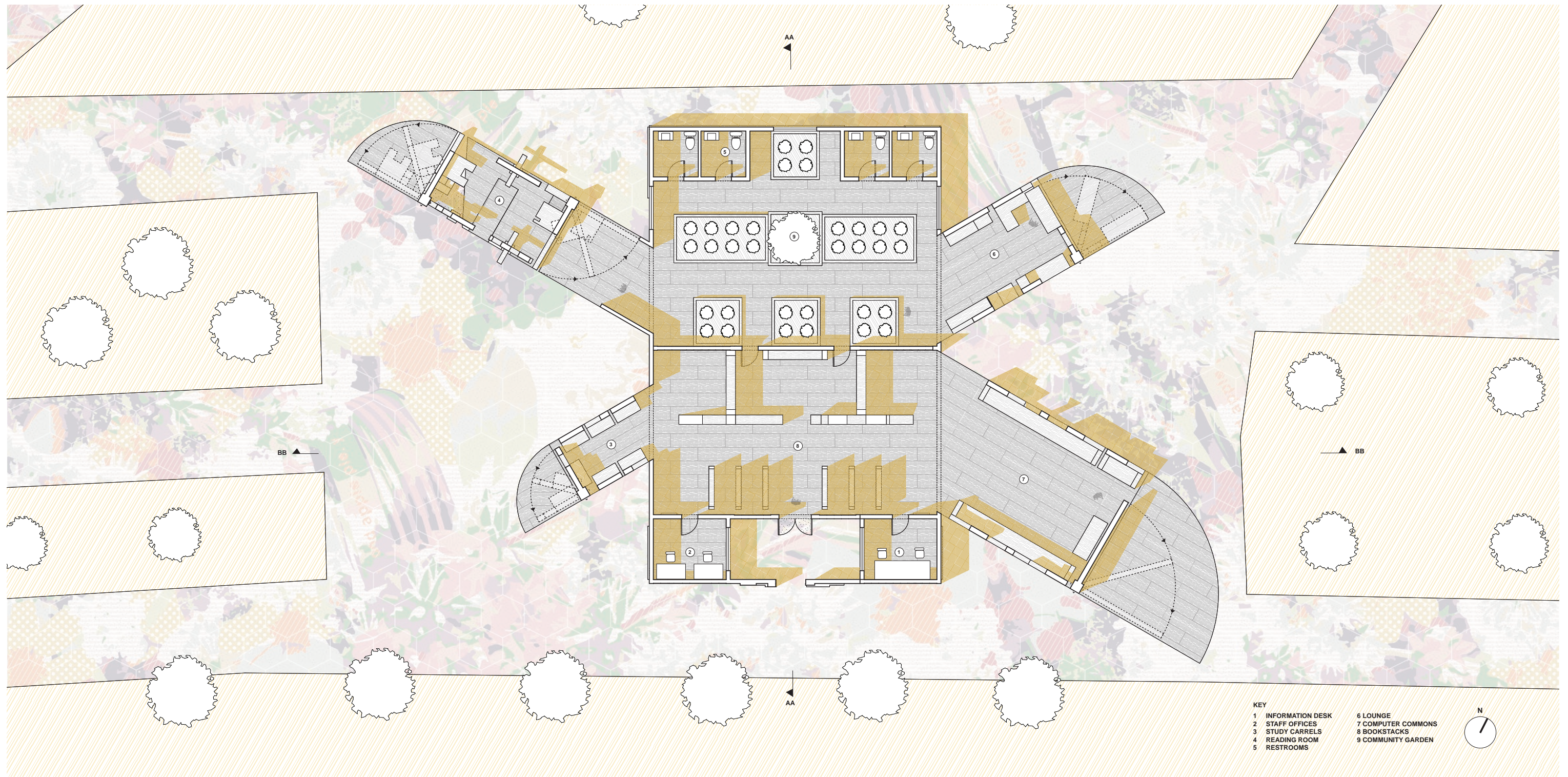


Room. Cut-away Axonometric

scale: 1/2"=1'=0"



Field Finish. NW Axonometric
scale: 2"=1'-0"



Branch Library. First Floor Plan
 scale: 1/16"=1'-0"



SECTION BB



SECTION AA

Branch Library. Sections

scale: 1/16"=1'-0"

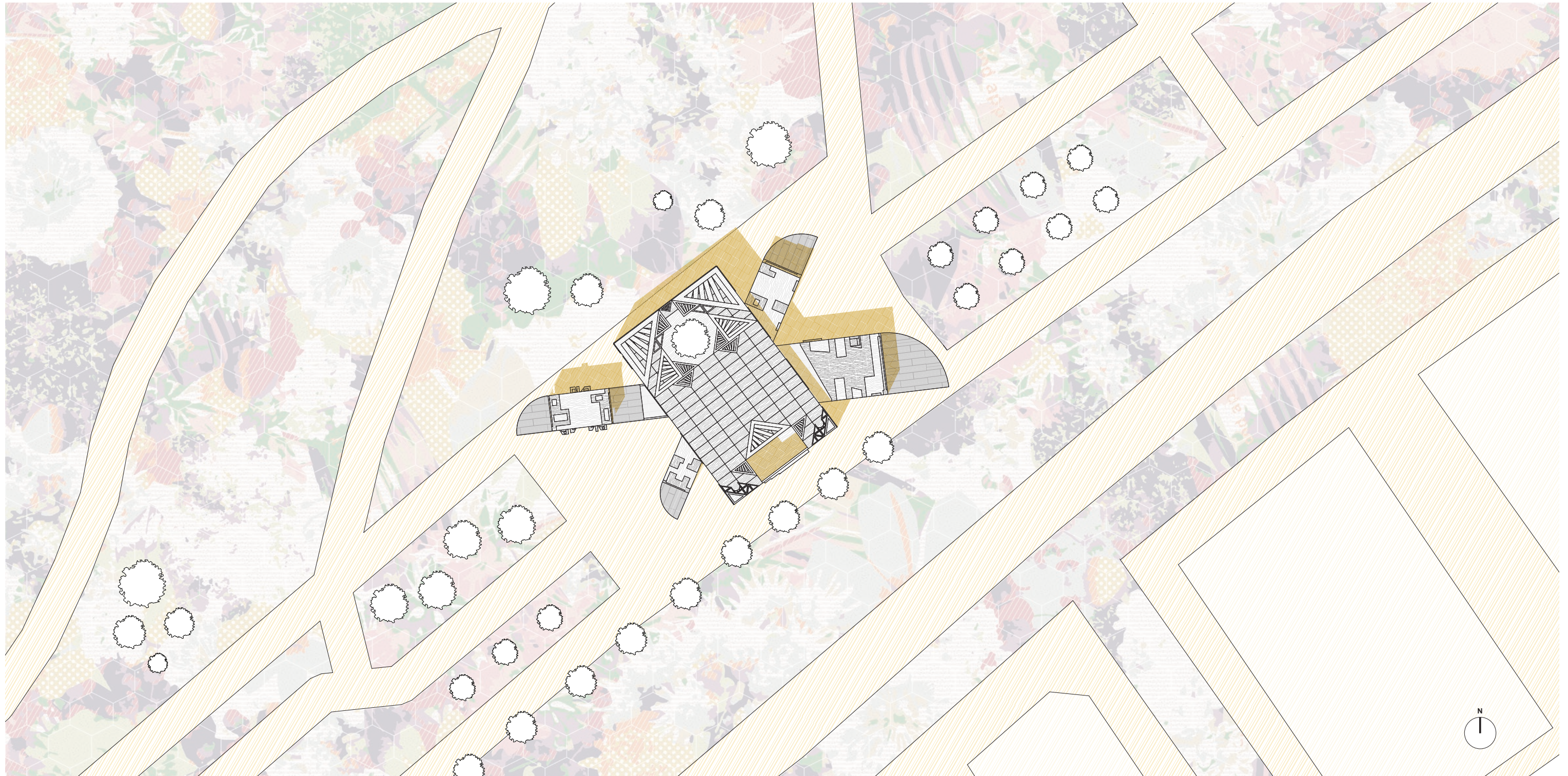


SOUTH ELEVATION



WEST ELEVATION

Branch Library. Elevations
 scale: 1/16"=1'-0"



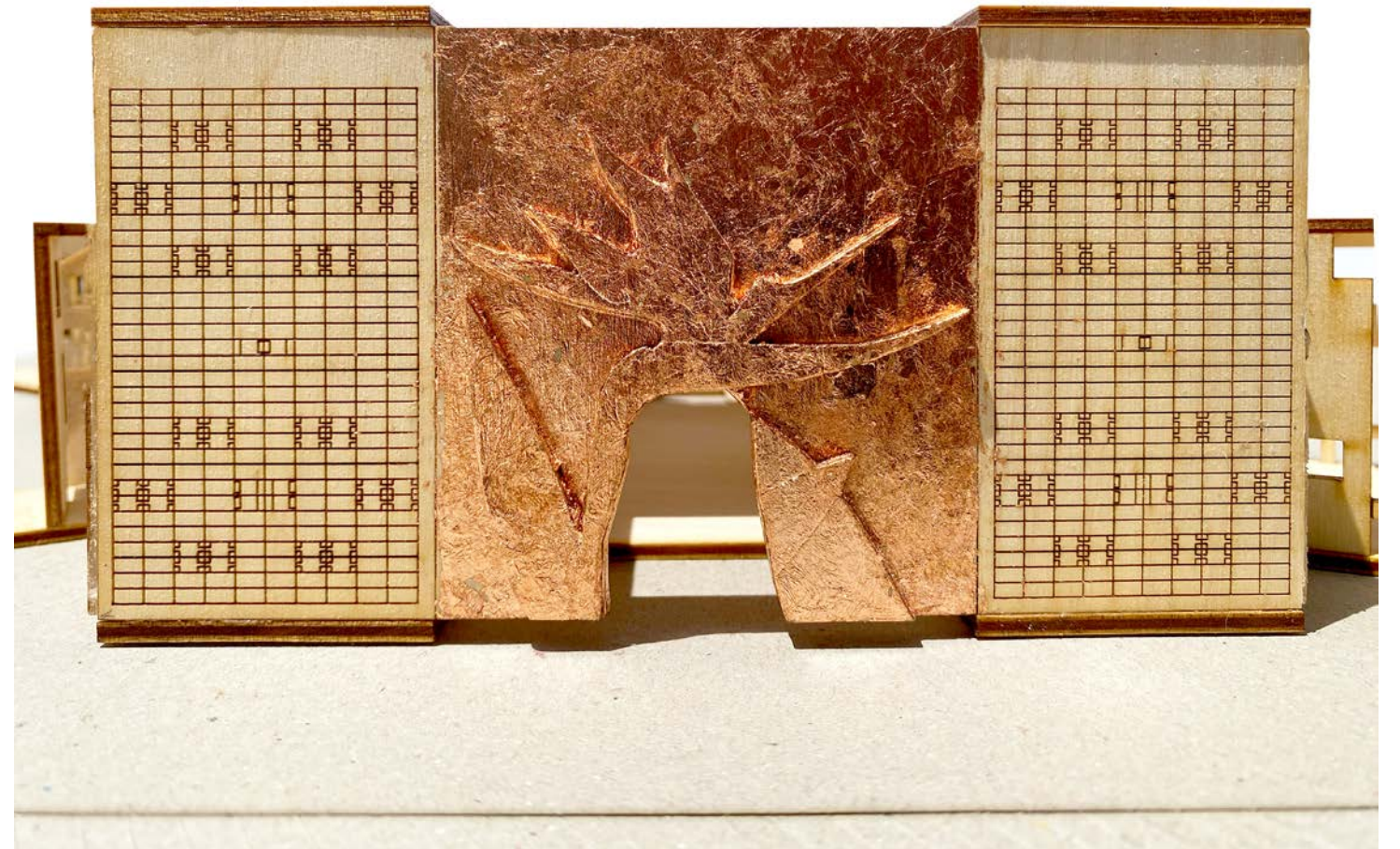
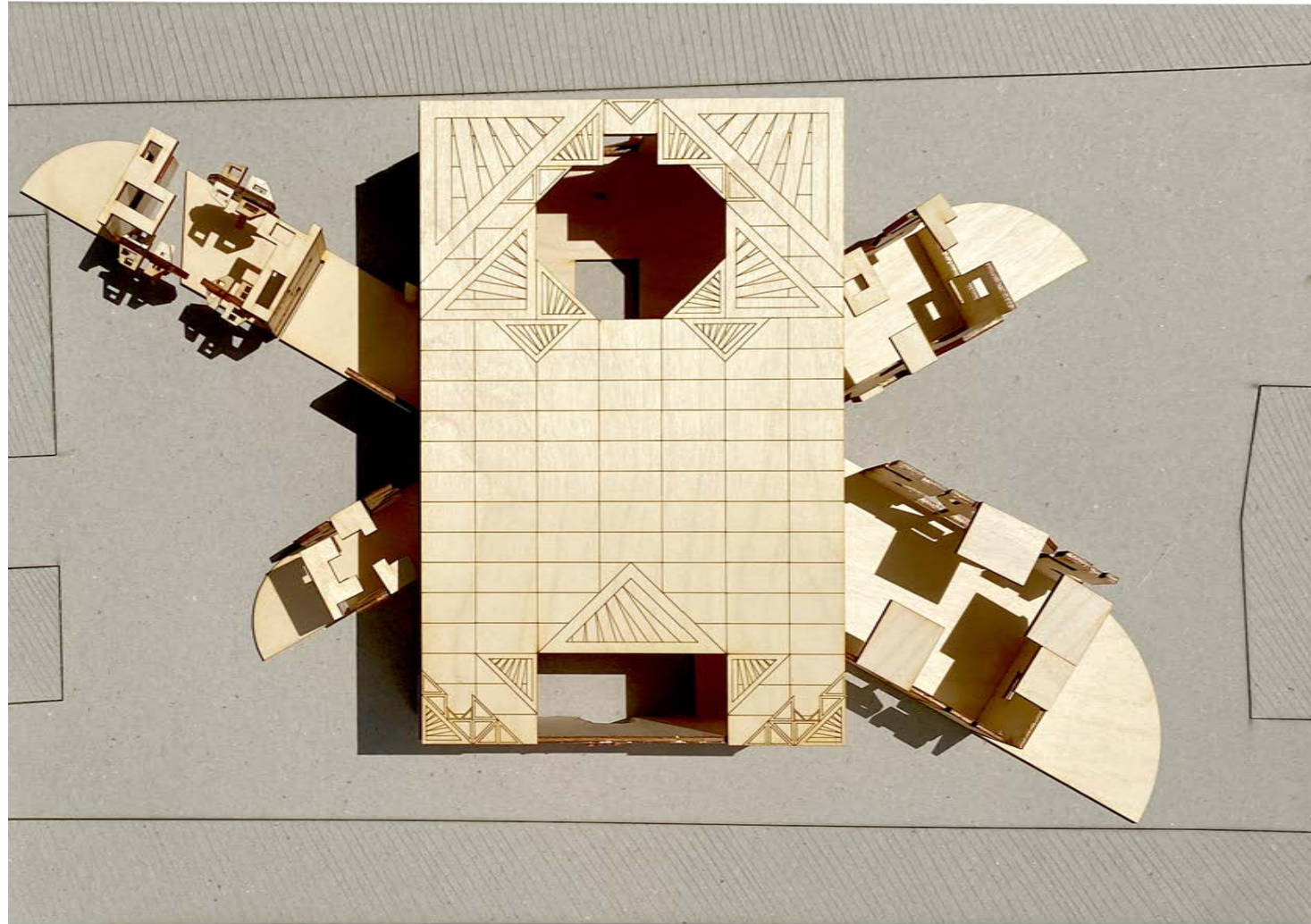
Branch Library. Site Plan
scale: 1:100



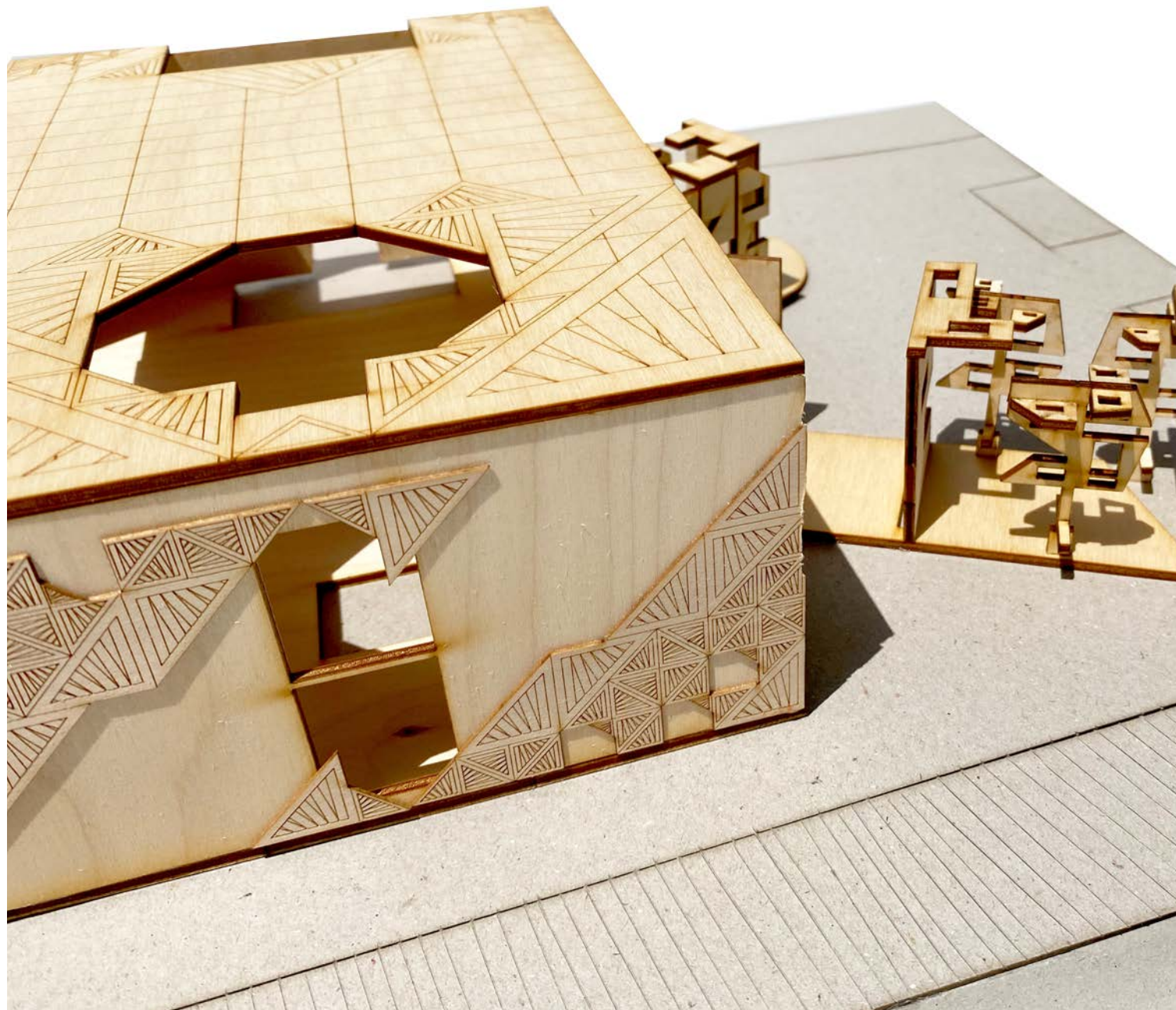
Branch Library. Experimental Drawing
scale: NTS



Branch Library. Model Photos



Branch Library. Model Photos



Branch Library. Model Photos



Branch Library. Model Photos