



Birdhouse Architecture Group

1 West Park Ave.

INDS 320: Studio 3

Levi Lanier

Professor Pidgeon



1 West Park Ave.

Birdhouse Architecture & Aviary Coworking Space

View of Birdhouse Architecture Firm



Phase 1

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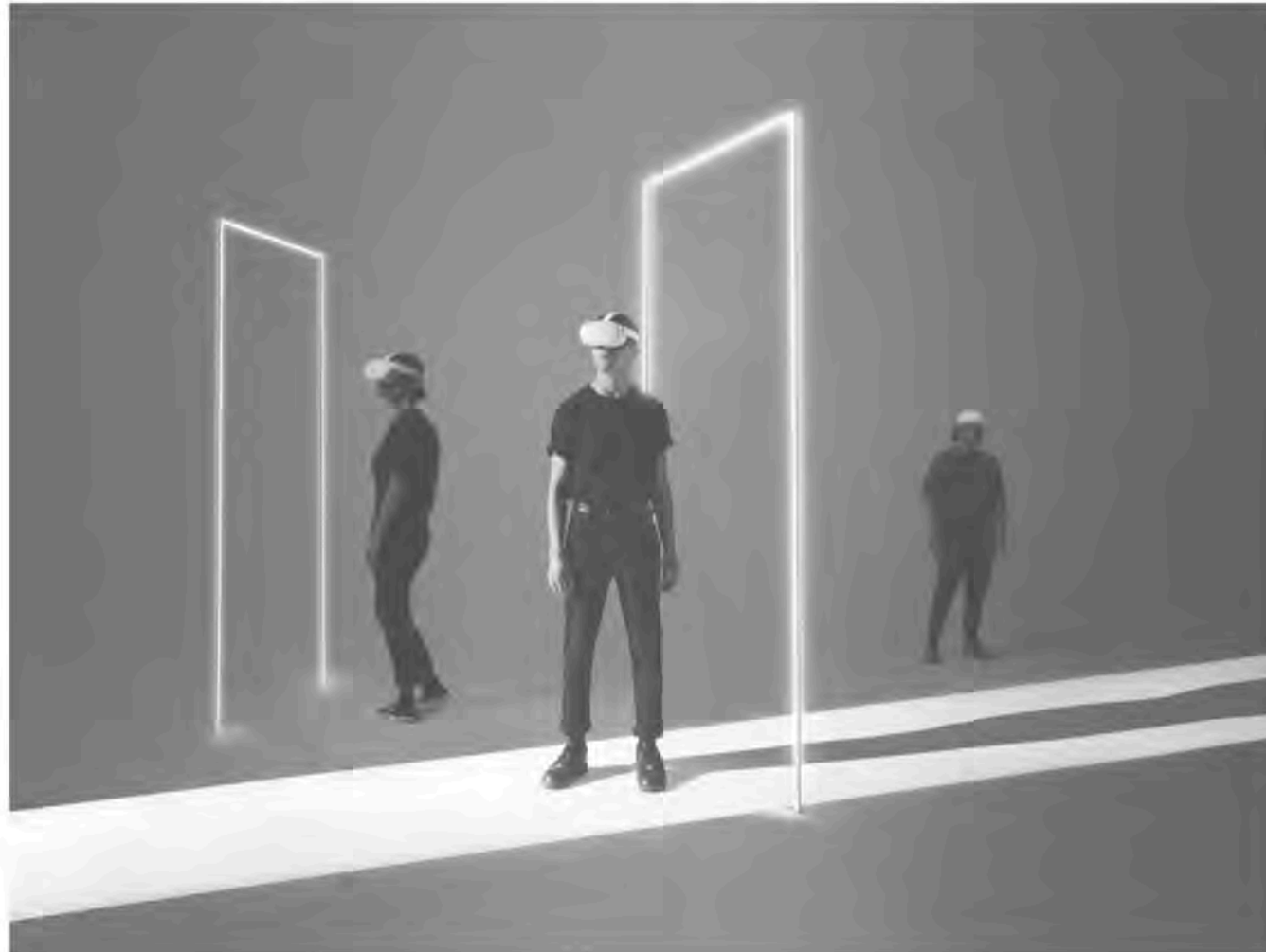
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i. Workplace Issues



Levi Lanier

2022 Workplace Trends: Will VR Open Up New Choices?



This article was written by Primo Orpilla, an information analyst at San Francisco based Quid, Inc.

In this article, Primo Orpilla mentions several inarguable truths about the current shift in design culture regarding the pandemic and these past 22 months of zoom. The biggest truth being that choice and flexibility will be the largest contribution the pandemic will leave on workplace culture, and designers must adapt.

Regarding Orpilla's incorporation of the subject of Virtual Reality (VR) into the article, one could argue and object to his theories. It was all hypotheticals. This article dropped a few weeks after Facebook's Metaverse ad became public. Orpilla understands the impact this emerging technology may have on our industry, and it's a very optimistic take.



Microsoft Australia

GroupGSA

1

This work environment promotes an explorative behavior for employees. Work areas aren't obvious — one must explore enclosed/semi-enclosed spaces, cave-like areas, and tunnels of greenery.

2

Incorporation of live streaming and gaming rooms, private meditation and yoga studios, prayer rooms, and nap suites. Employees have the freedom of choice.

3

The design of the workplace draws elements from Australia's natural setting. It is seamless and masterfully done.

4

My only concern is way finding. This space promotes exploration, but there are no obvious signs of way finding to a new employee or visitor.

Sources

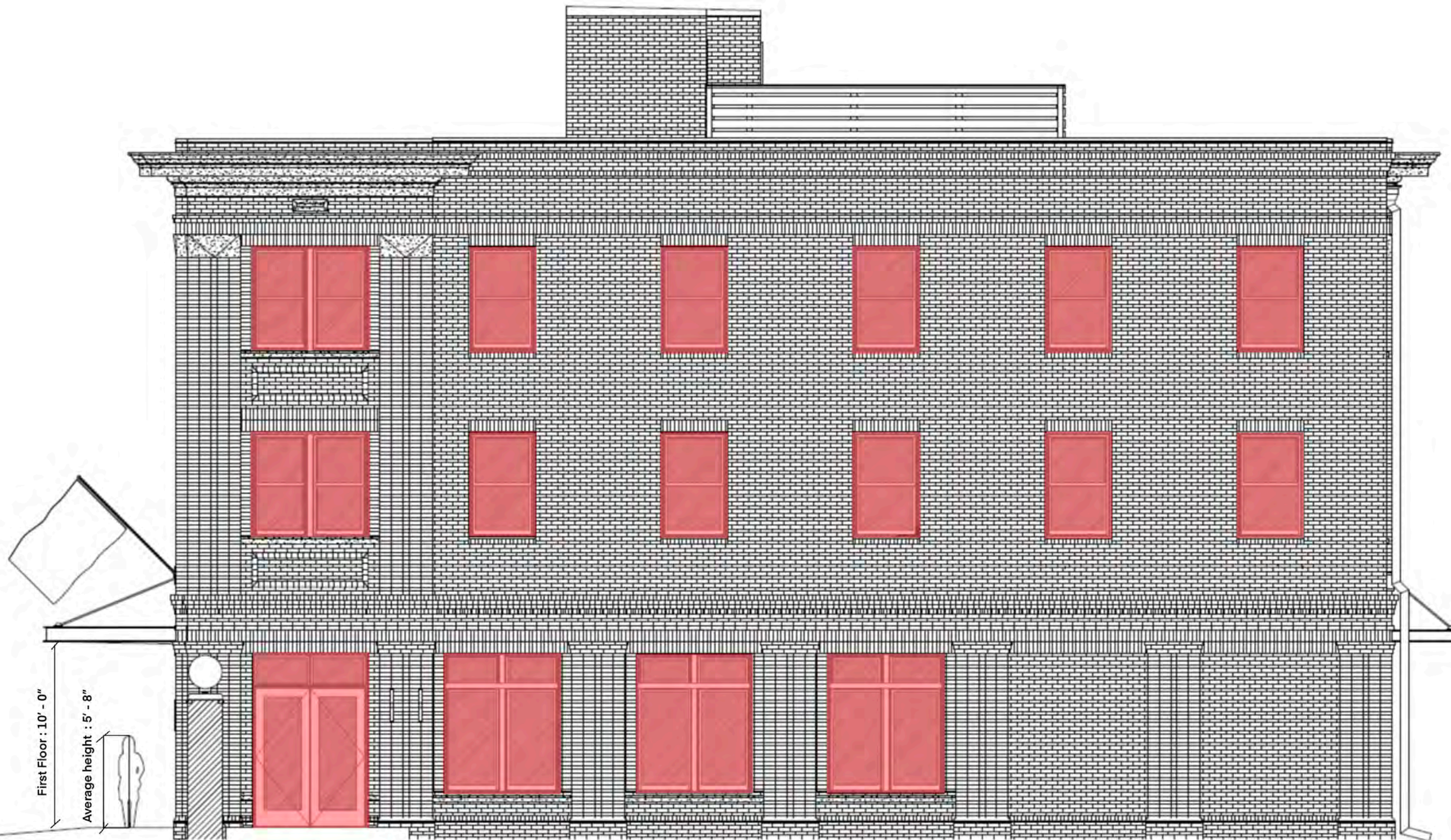
<https://interiordesign.net/projects/groupgsa-draws-on-the-local-landscape-to-create-a-headquarters-for-microsoft-australia/>

<http://work design.com/2021/12/2022-workplace-trends-will-vr-open-up-new-choices/>

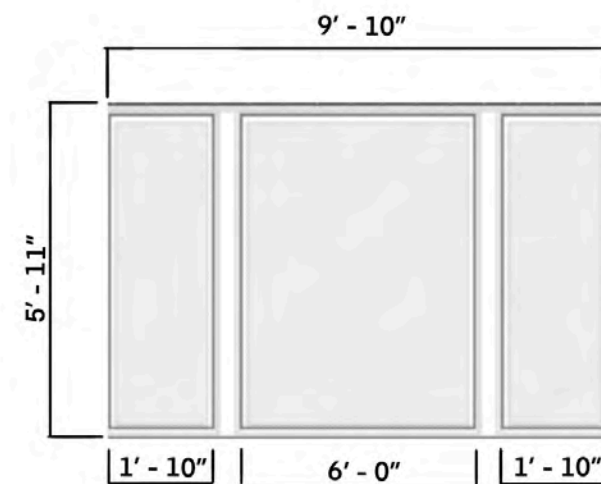
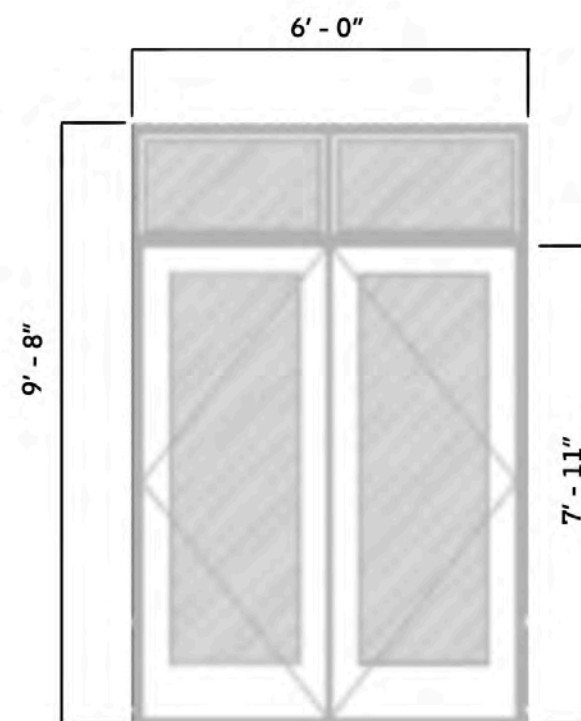
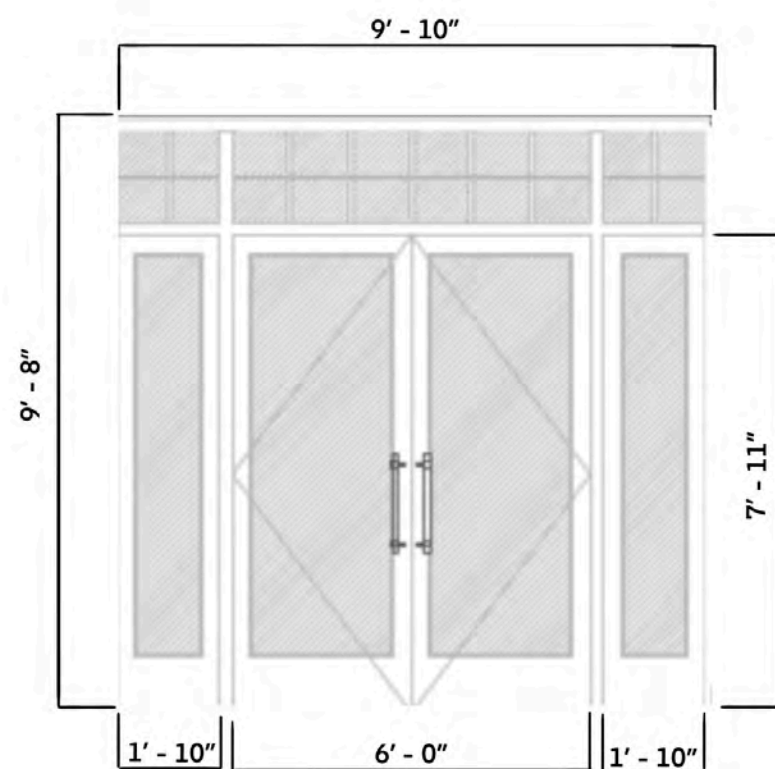
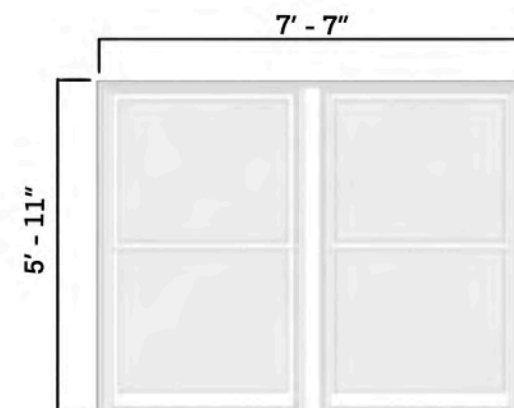
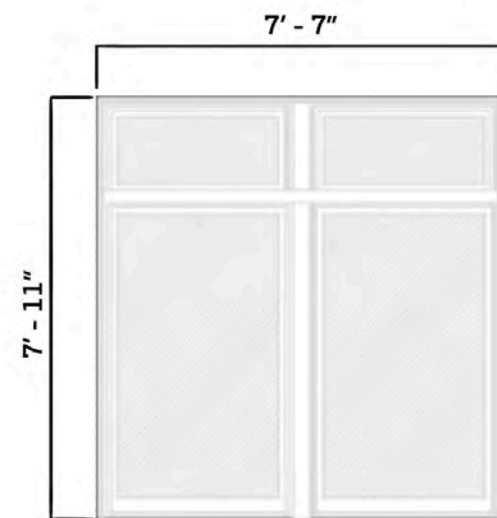
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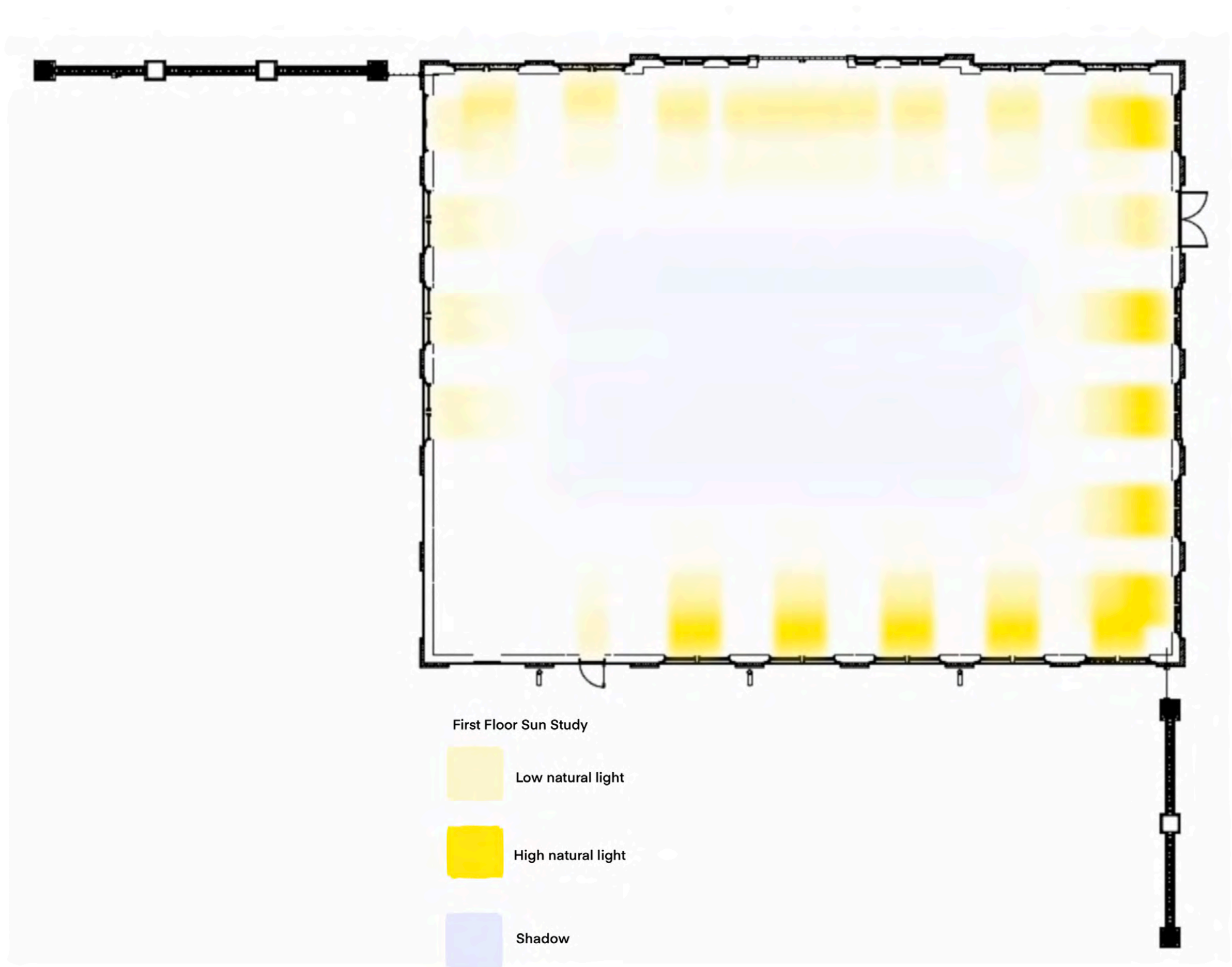


Fenestrations

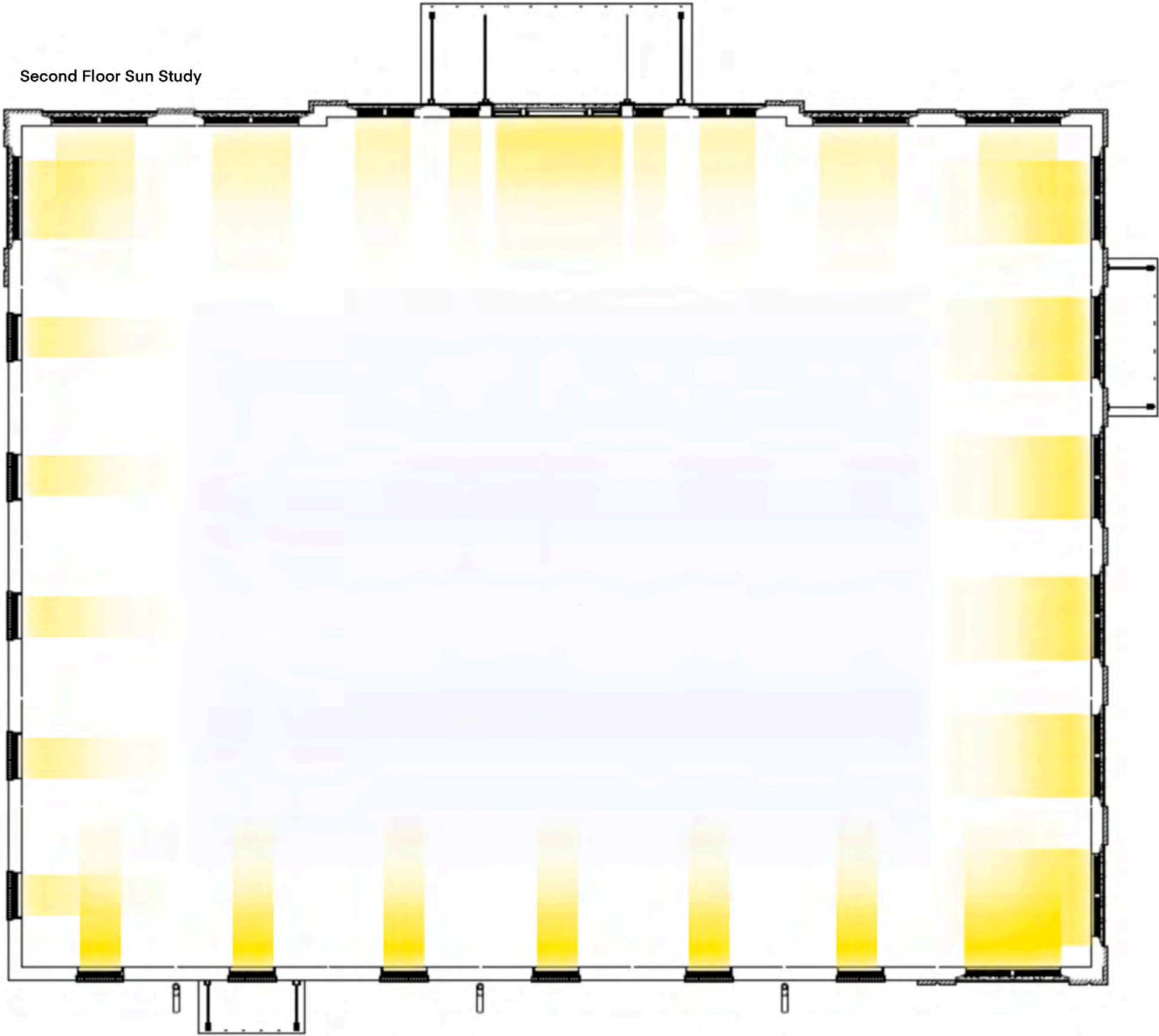


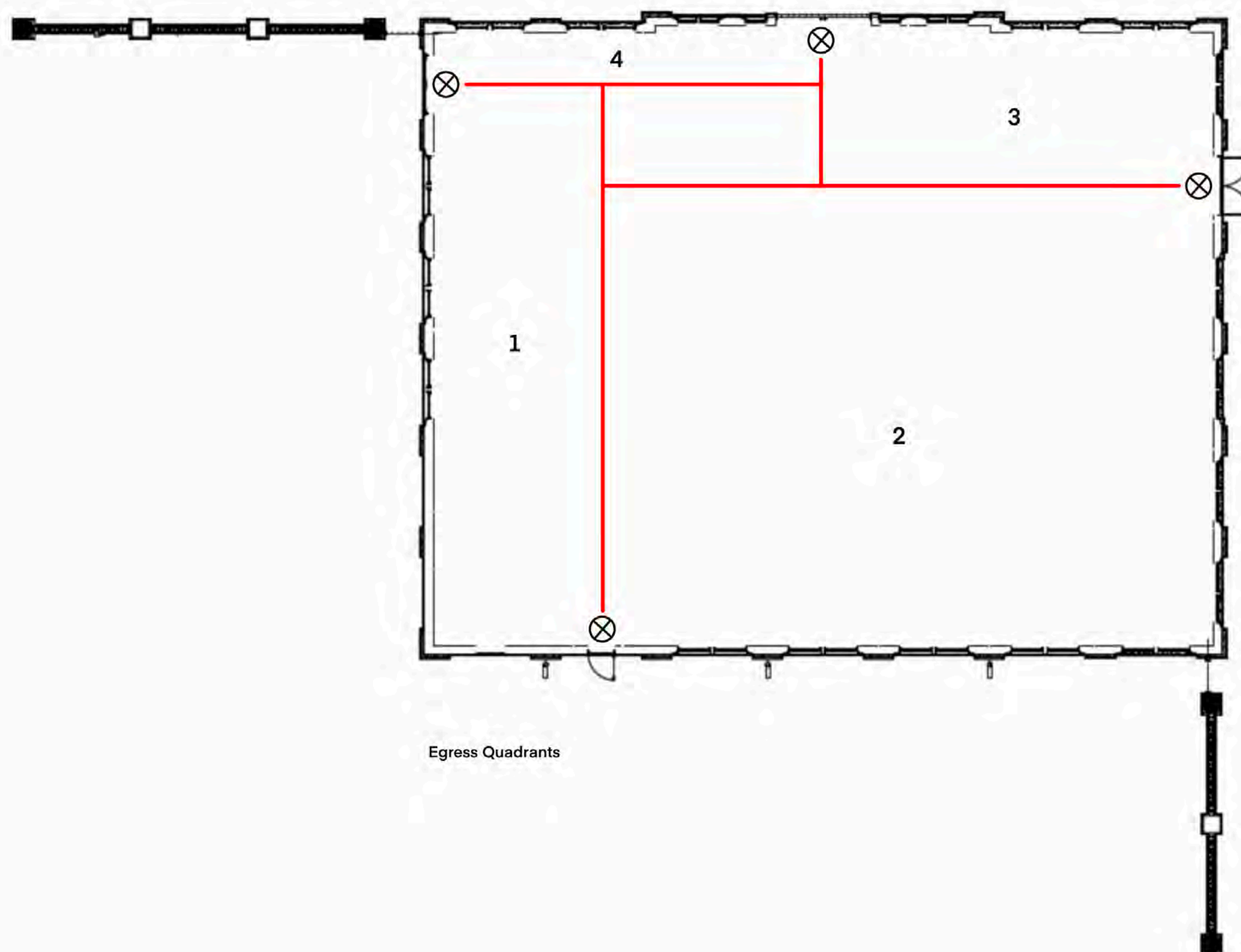
Fenestrations





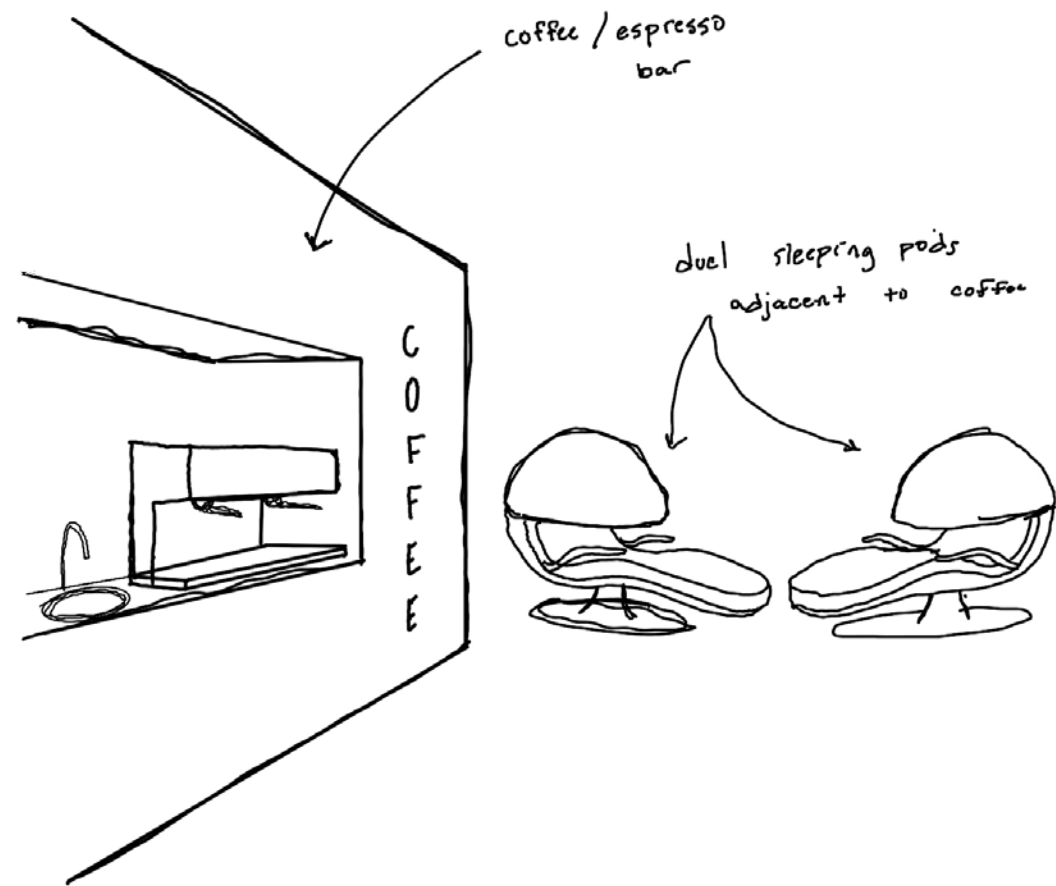
Second Floor Sun Study



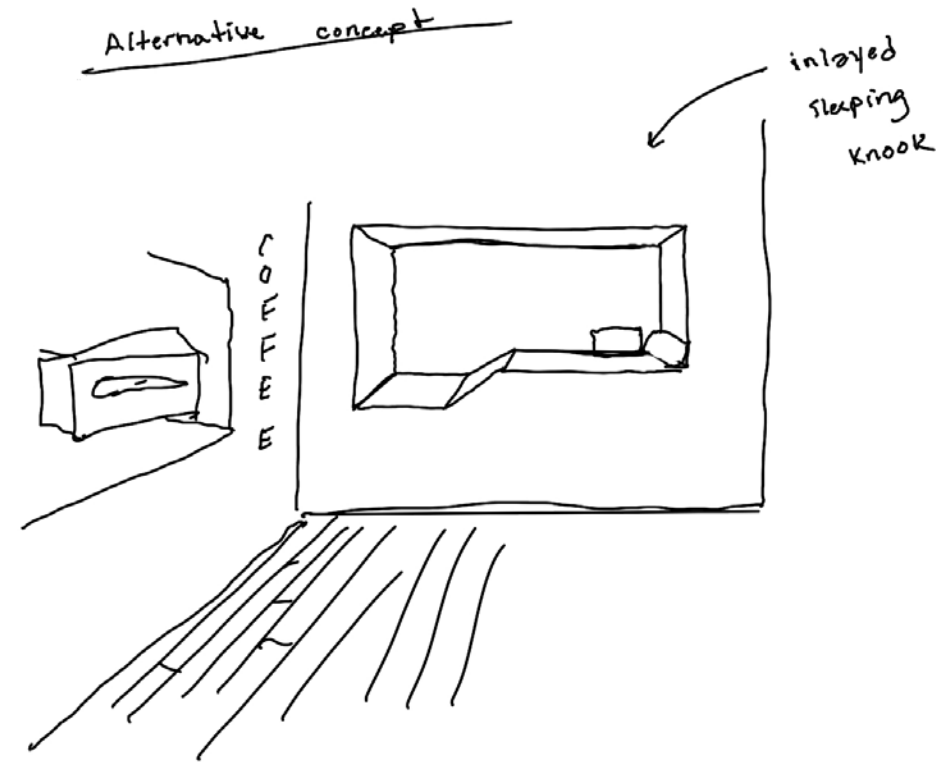


Egress Quadrants

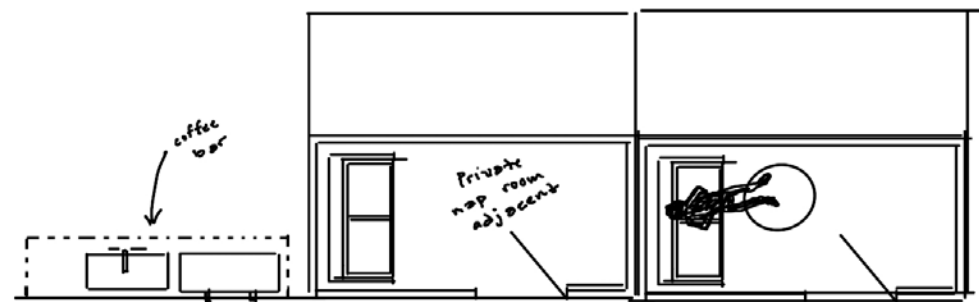
"Coffee / nap area" for Justin Pidgeon



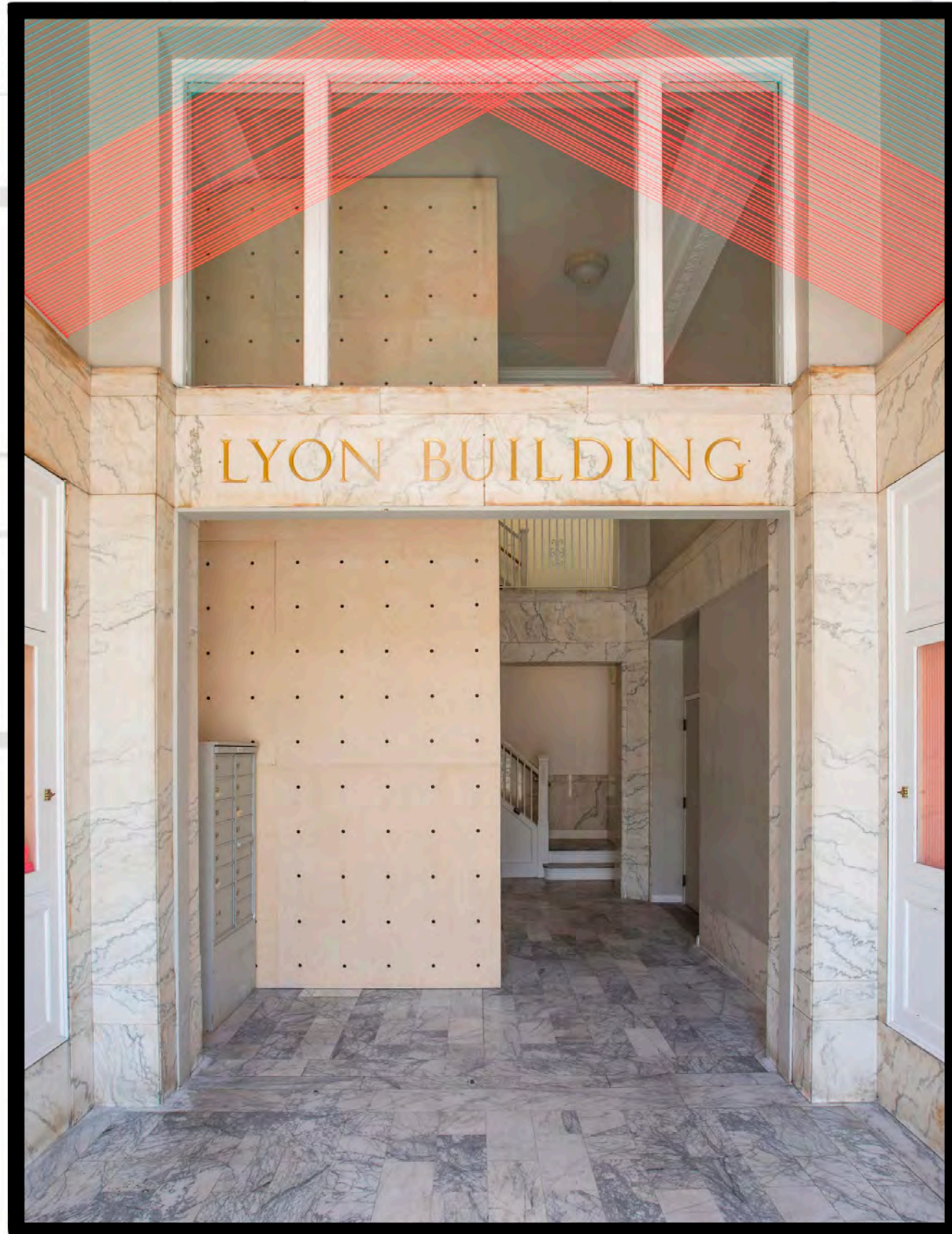
to kitchenette
↙



*METRONAPS
ENERGY PODS

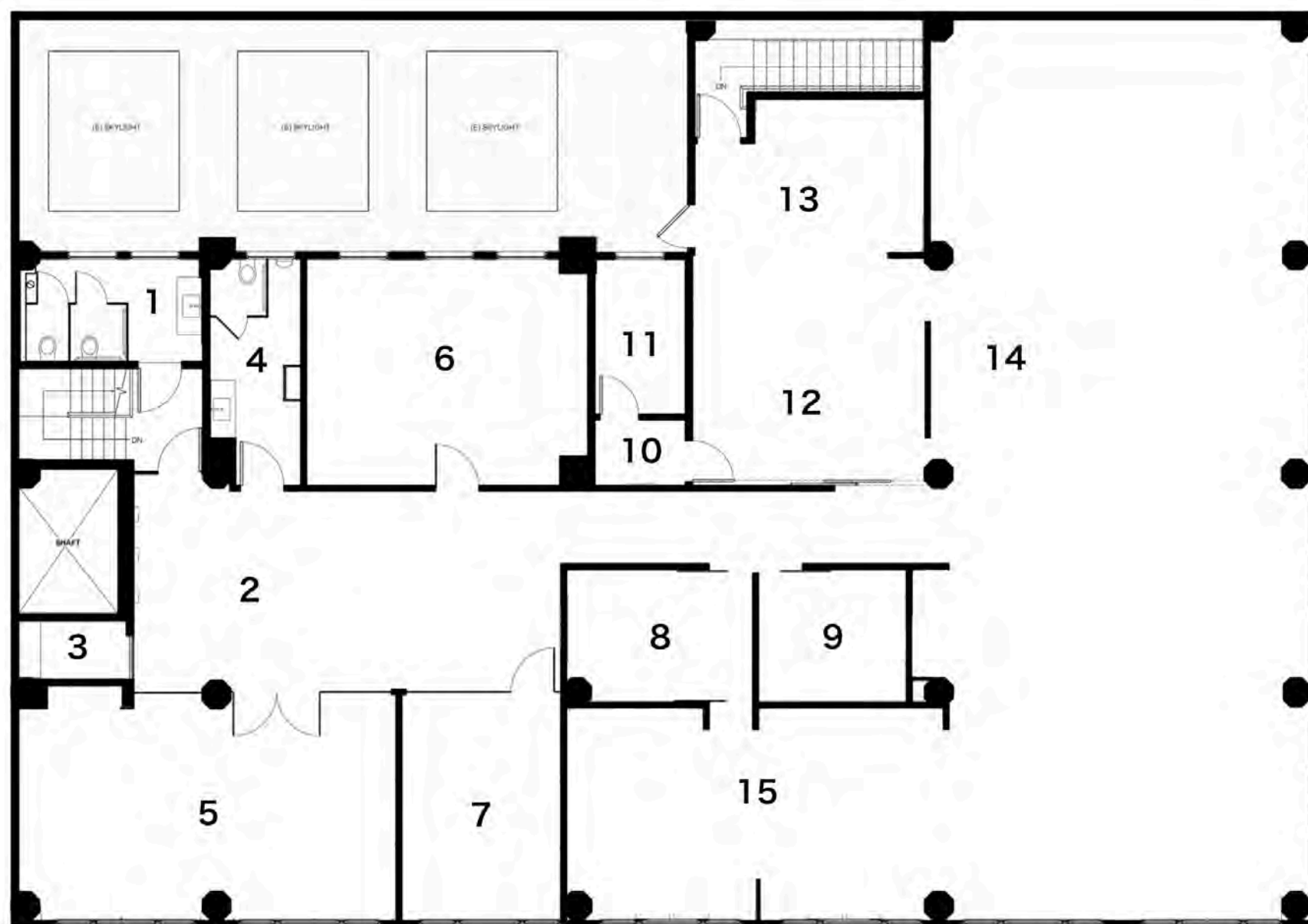


iii. Precedent Studies



Enlisted Design

Oakland, California

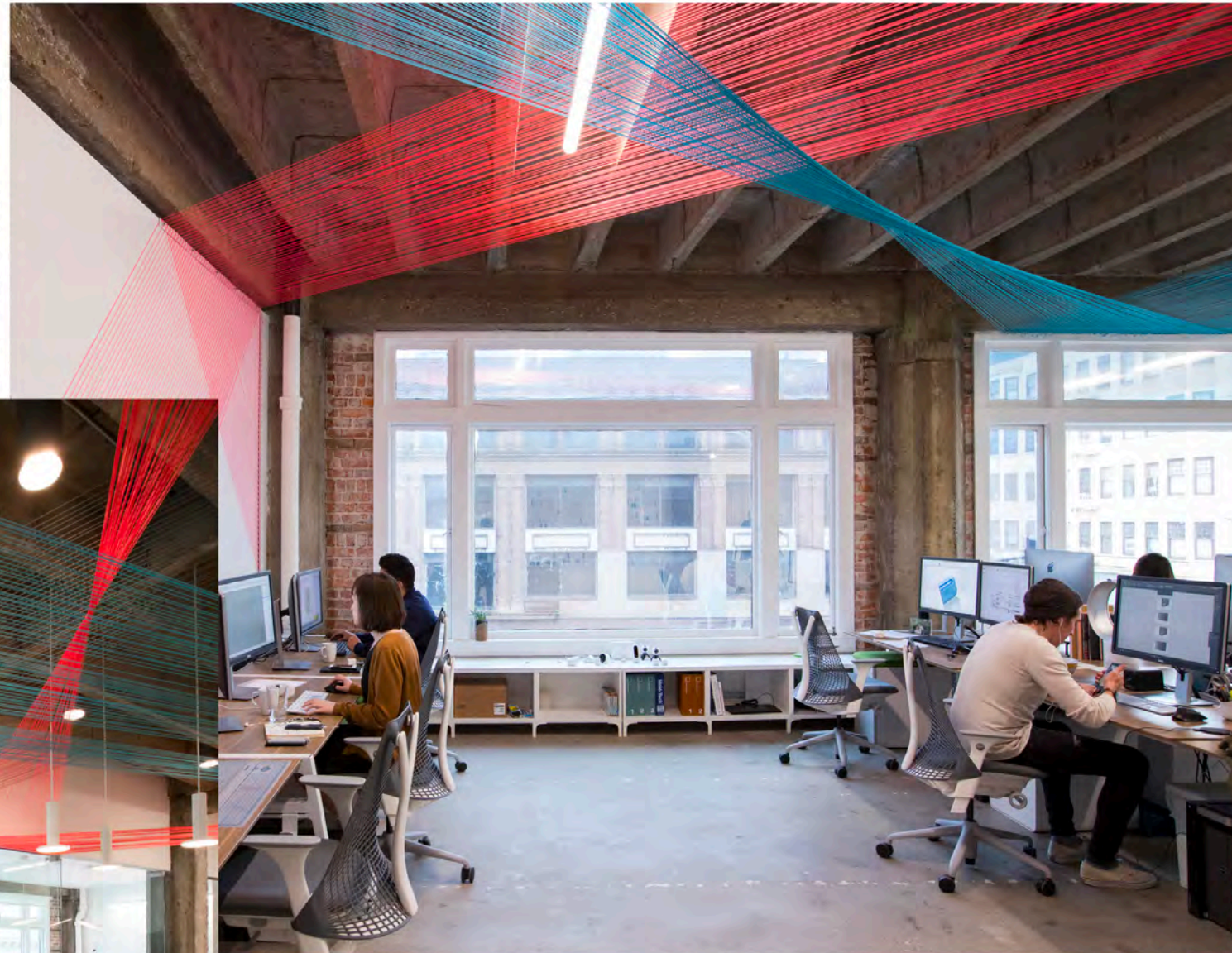


First Floor Program

1. Women's Restroom
2. Reception
3. Storage
4. Men's Restroom
5. Large Conference Room
6. Maker Space
7. Mid-size Conference Room
8. Closed Meeting Room
9. Closed Meeting Room
10. IT Room
11. Mechanical Room
12. Open Meeting Area
13. Kitchenette
14. Open Office
15. Office

Closed v. Open

Closed : Conference rooms are closed off from the rest of the space by glazed glass and vertical grey strings, acting like a partition.



Open : The open plan office space is set near a series of large windows that wash the space in natural light.

Public v. Private

Private : Directly across the hall from the kitchenette is a pair of small focus rooms.



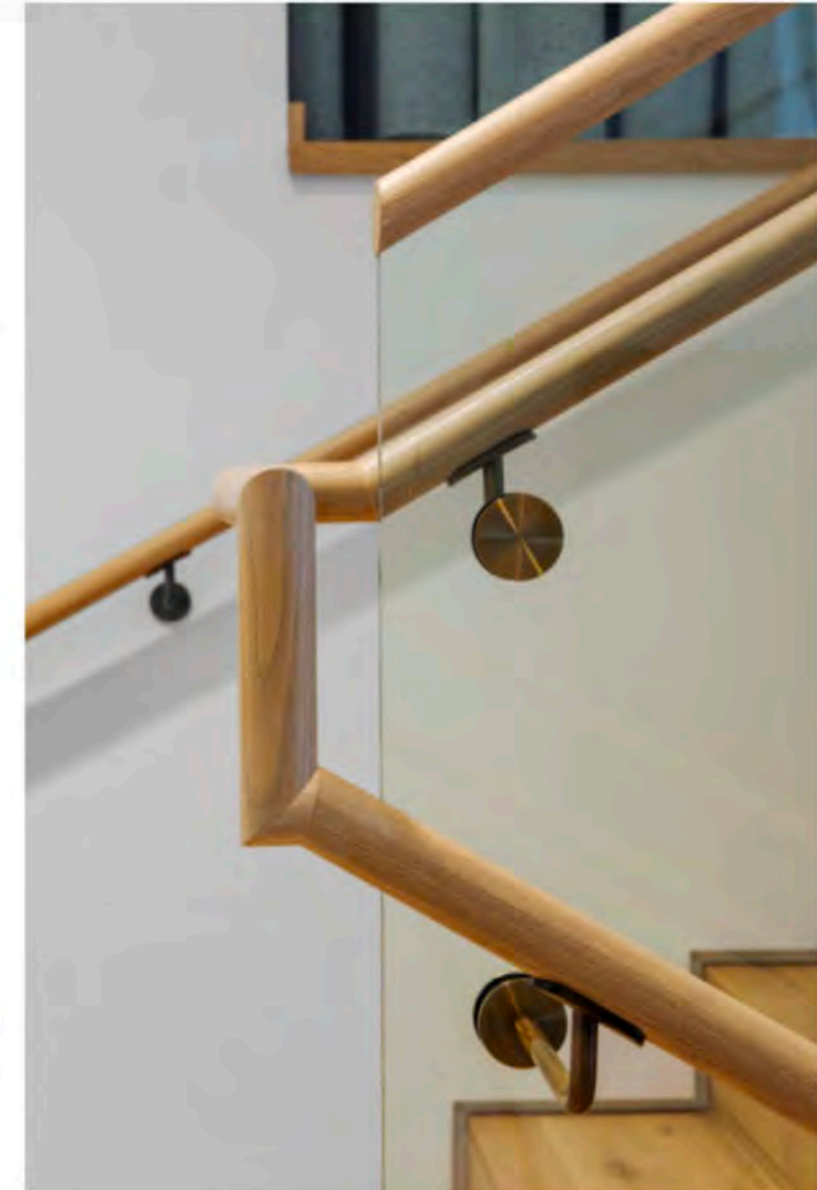
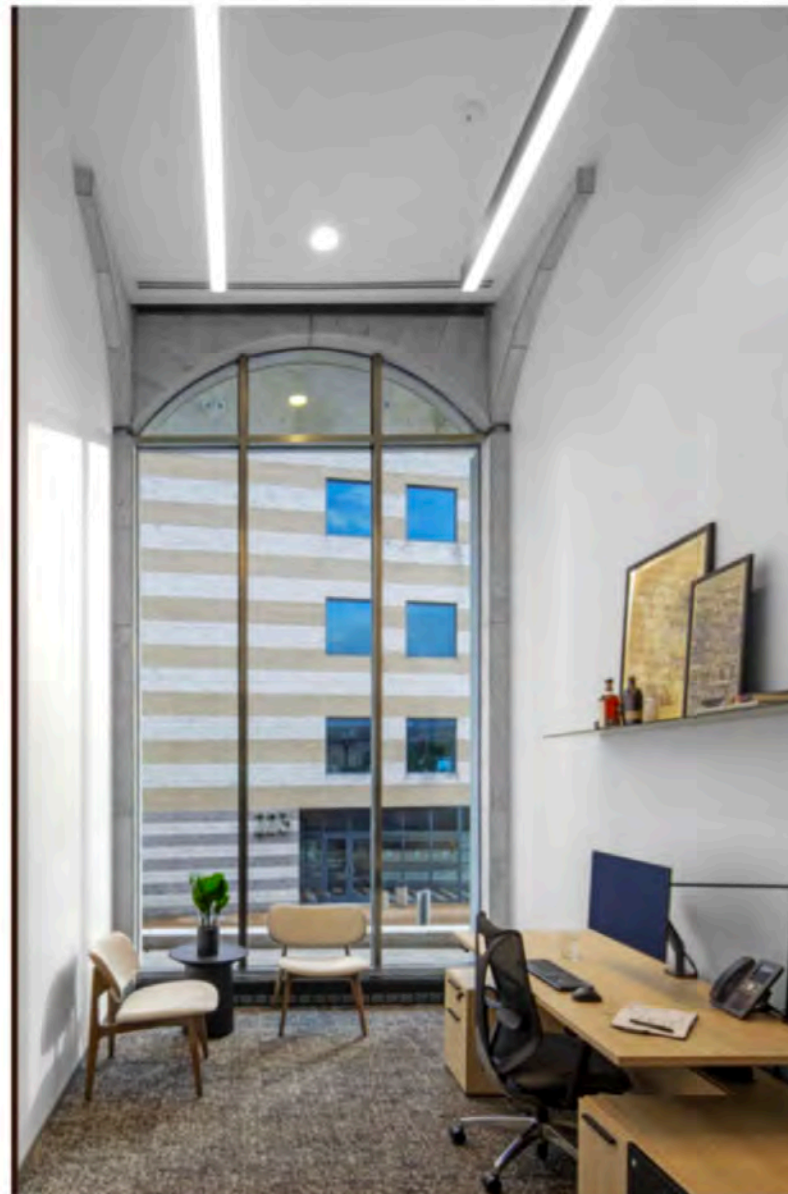
Public : Sharing the space with the kitchenette is an easily accessible wooden table intended for eating and informal meetings.

Peer Precedent : Courtesy of Jie Wang

SURFACE, PLANES, COLORS, TEXTURE

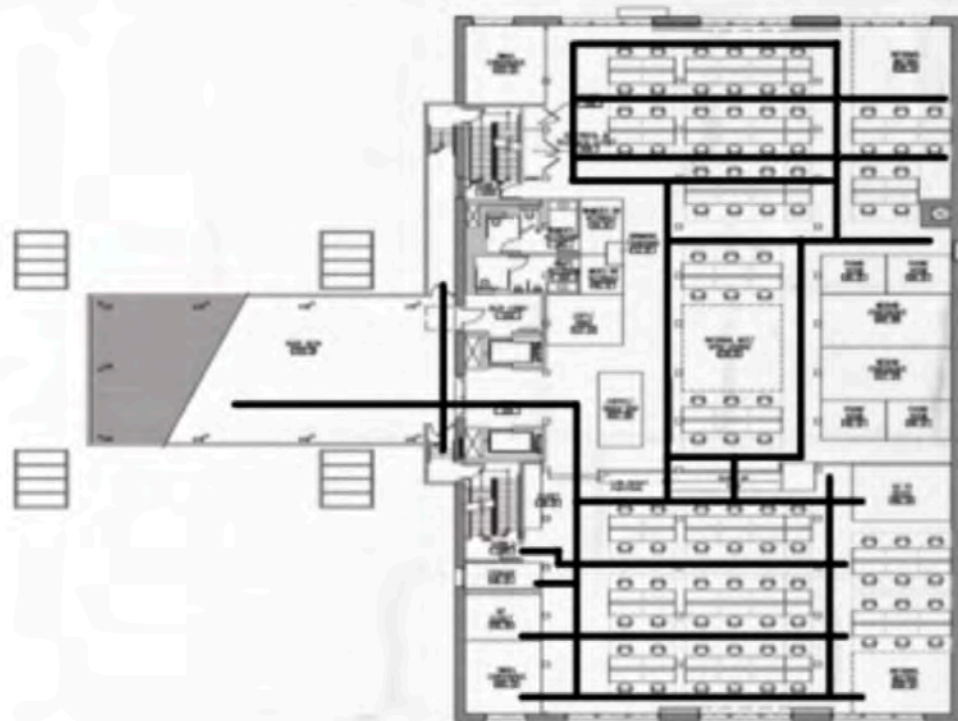
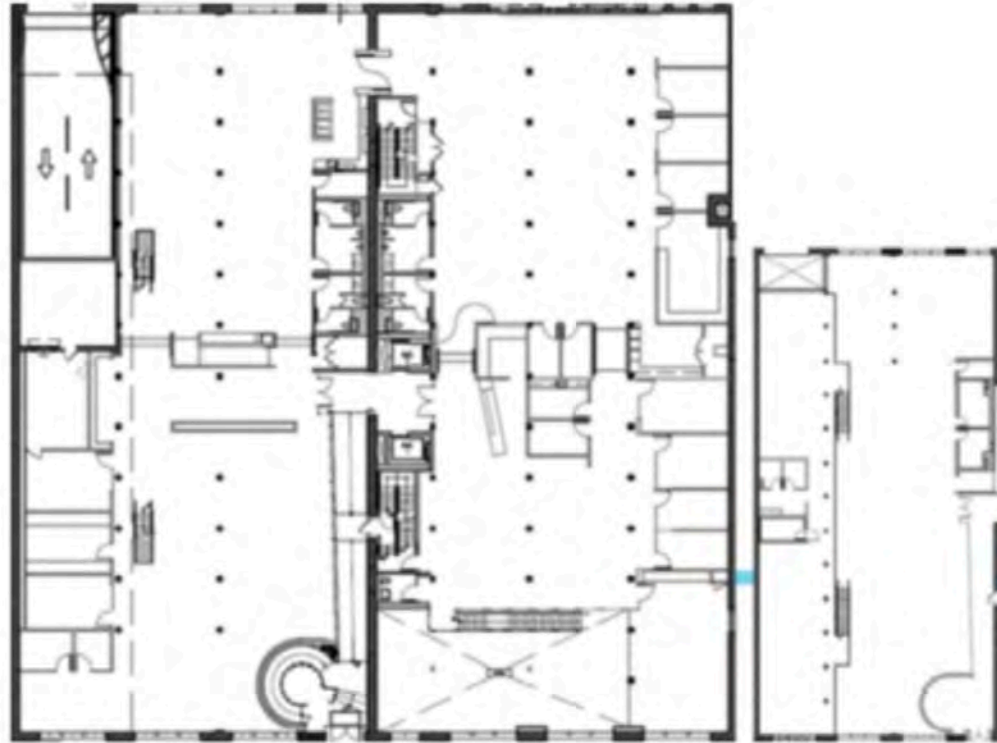
THE WHOLE SPACE IS VERY MONOTONOUS, ALMOST ONLY YELLOW, WHITE AND BLACK. DIFFERENT FROM OTHER WORK PLACES, THE ADVANTAGE OF THIS SPACE LIES IN THE ABUNDANT NATURAL LIGHT AND THE HUGE FRENCH WINDOWS. EVEN WITHOUT RICH COLORS, THE WHOLE SPACE IS STILL FULL OF VITALITY.

MOST OF THE YELLOW COLOR COMES FROM WOOD. WOODEN FURNITURE IS AN INEVITABLE CHOICE, BUT THE PATTERN OF WOOD AVOIDS LOOKING AT THE SPACE TOO DRAB. MOST OF THE **TEXTURES** ARE FINE, MAINLY FROM MARBLE AND WOOD.



Peer Precedent : Courtesy of Sarah Femia

ORGANIZATION & CIRCULATION



The space is a linear organization consisting of repetitive spaces which are alike in size, form, and function.

The circulation of the space is mainly around the entrances to the open work space areas and branch off into conference rooms and offices.

iv. Concept

Concept:

Taking inspiration from the primeval connection between human creativity / ingenuity and the natural world, the application of organic forms and the incorporation of earthy tones will be used to create an intrinsically calming yet stimulating space that will harken back to the root of human nature.

Inspirational Imagery



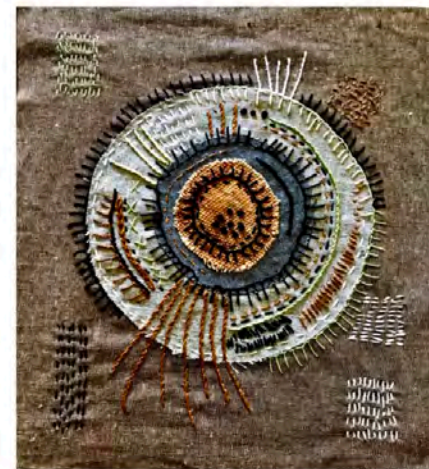
Sensory



Adaptable



Diverse



Freeform



Communal



Sculpted

Parti Diagrams

* Freeform

Crumple technique



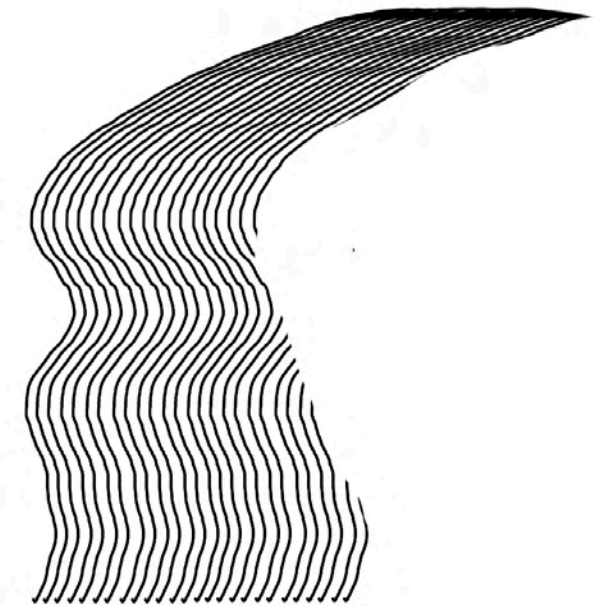
Sensory

Spiral pleats technique



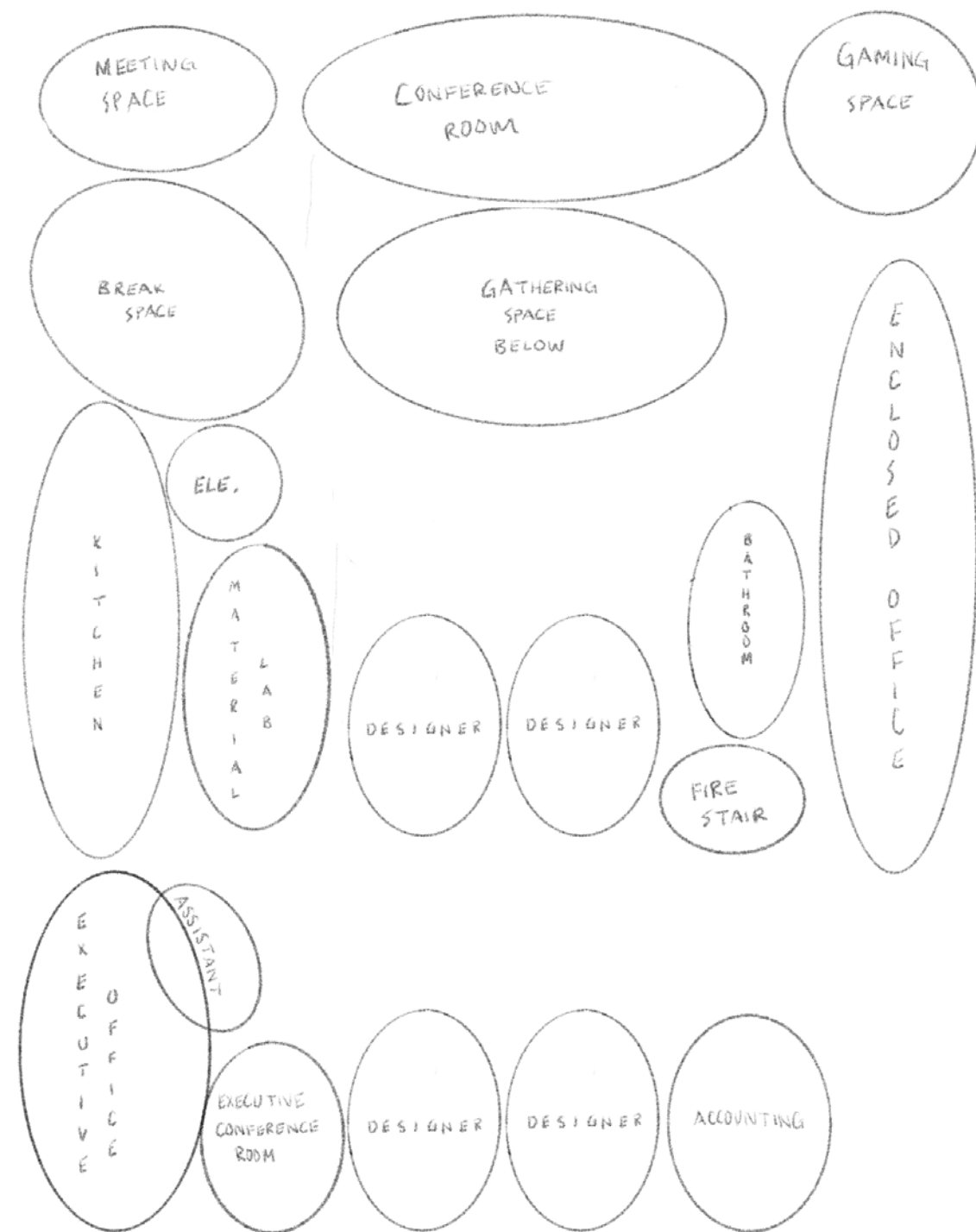
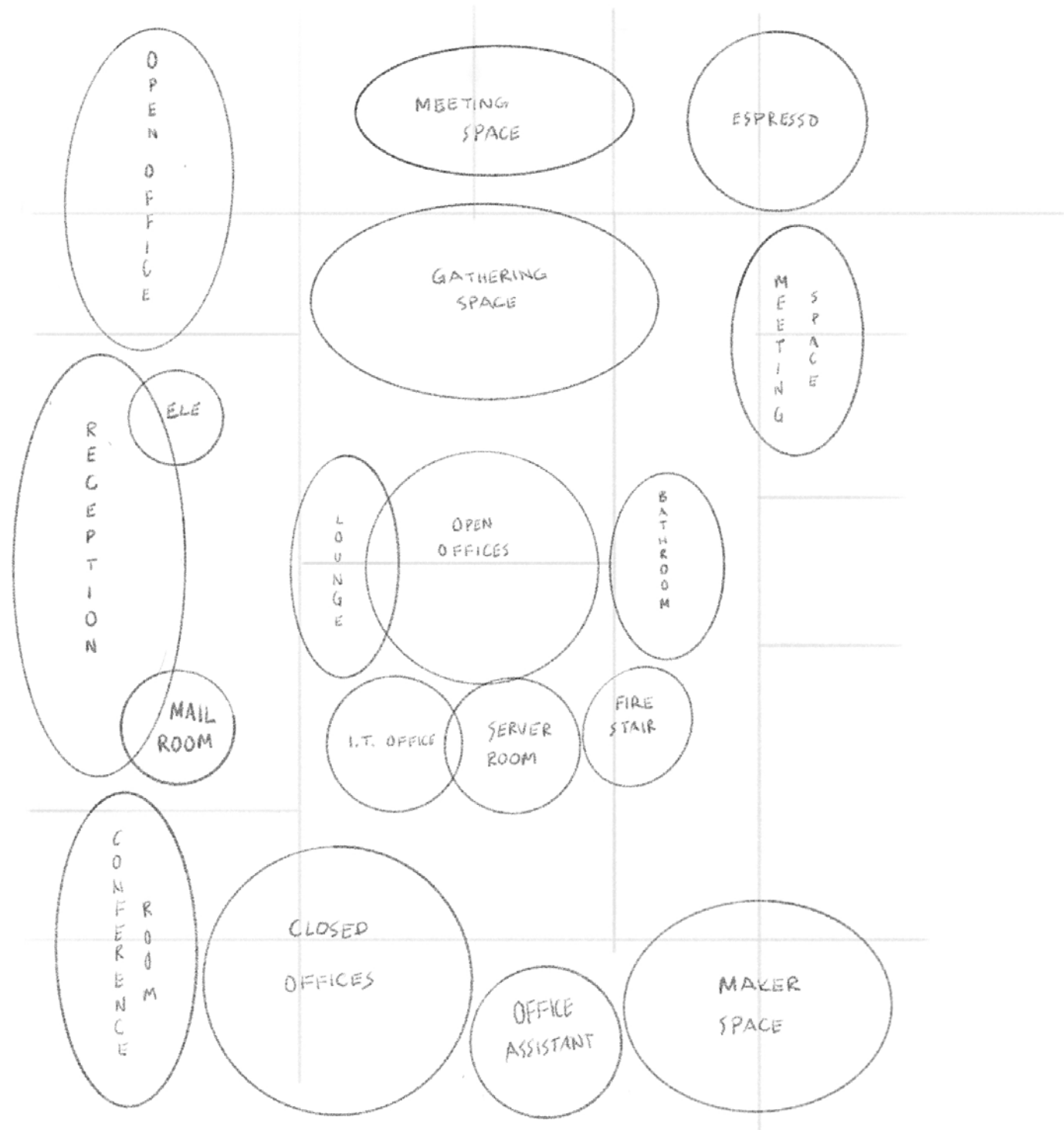
Sculpted

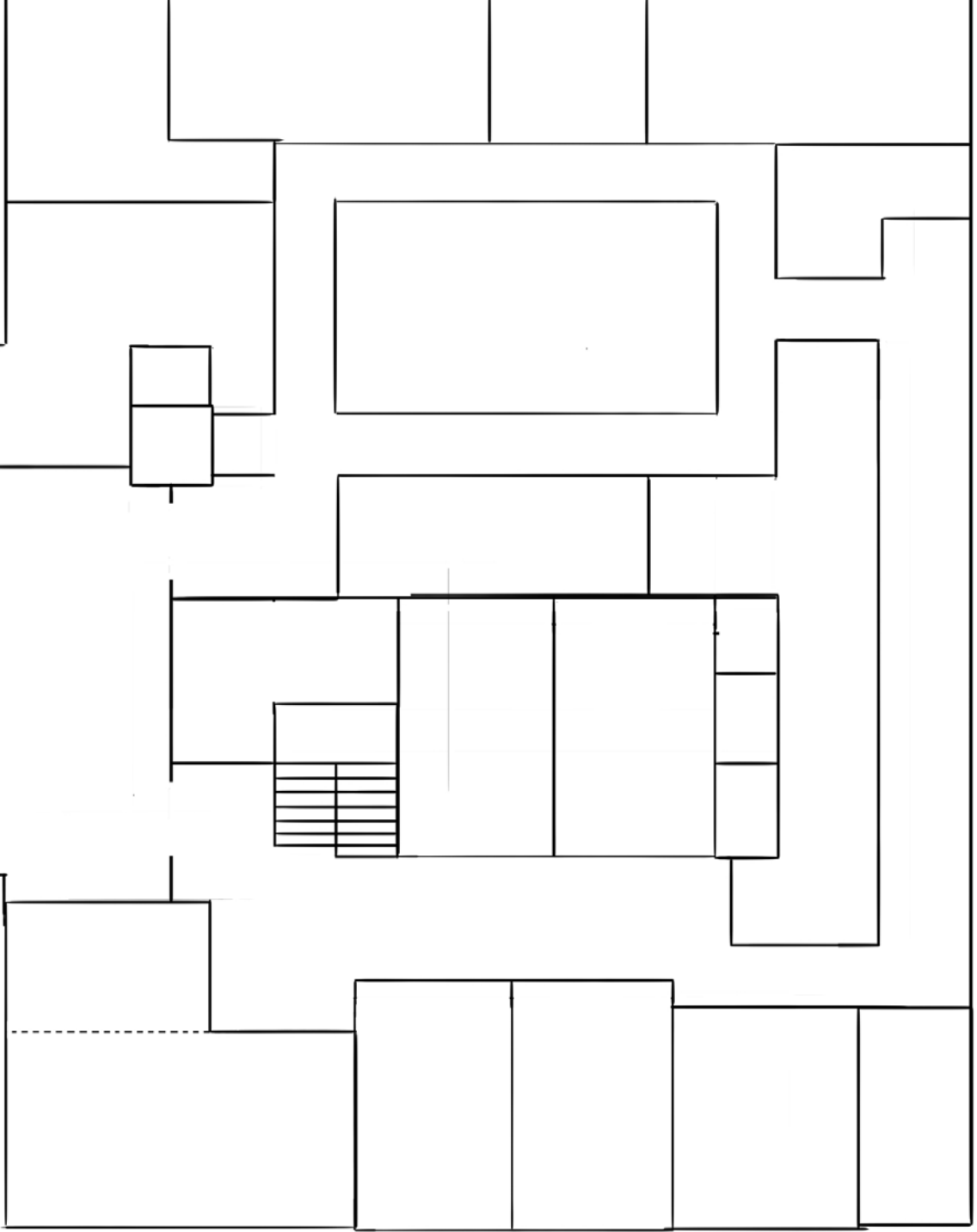
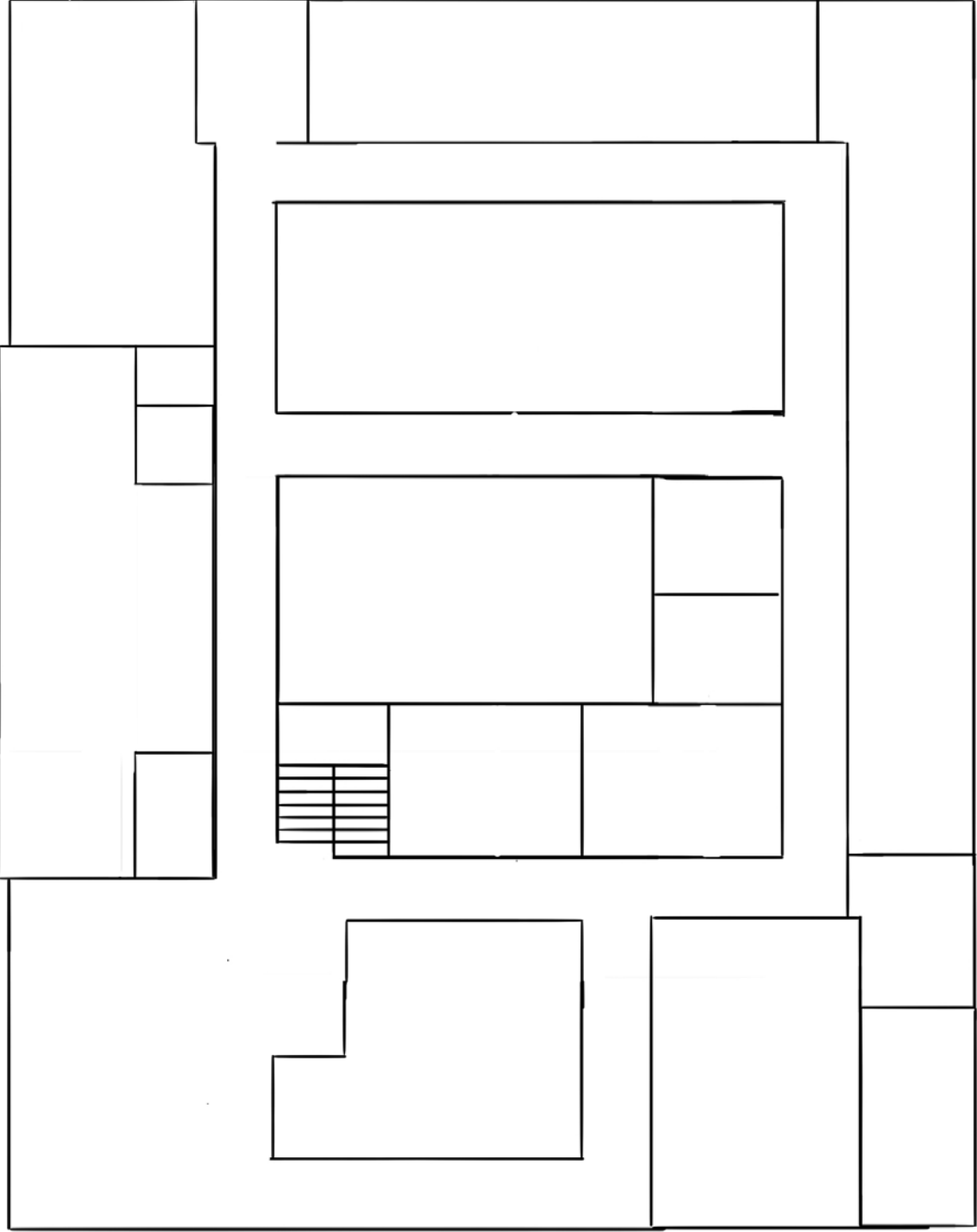
No crease, One crease technique

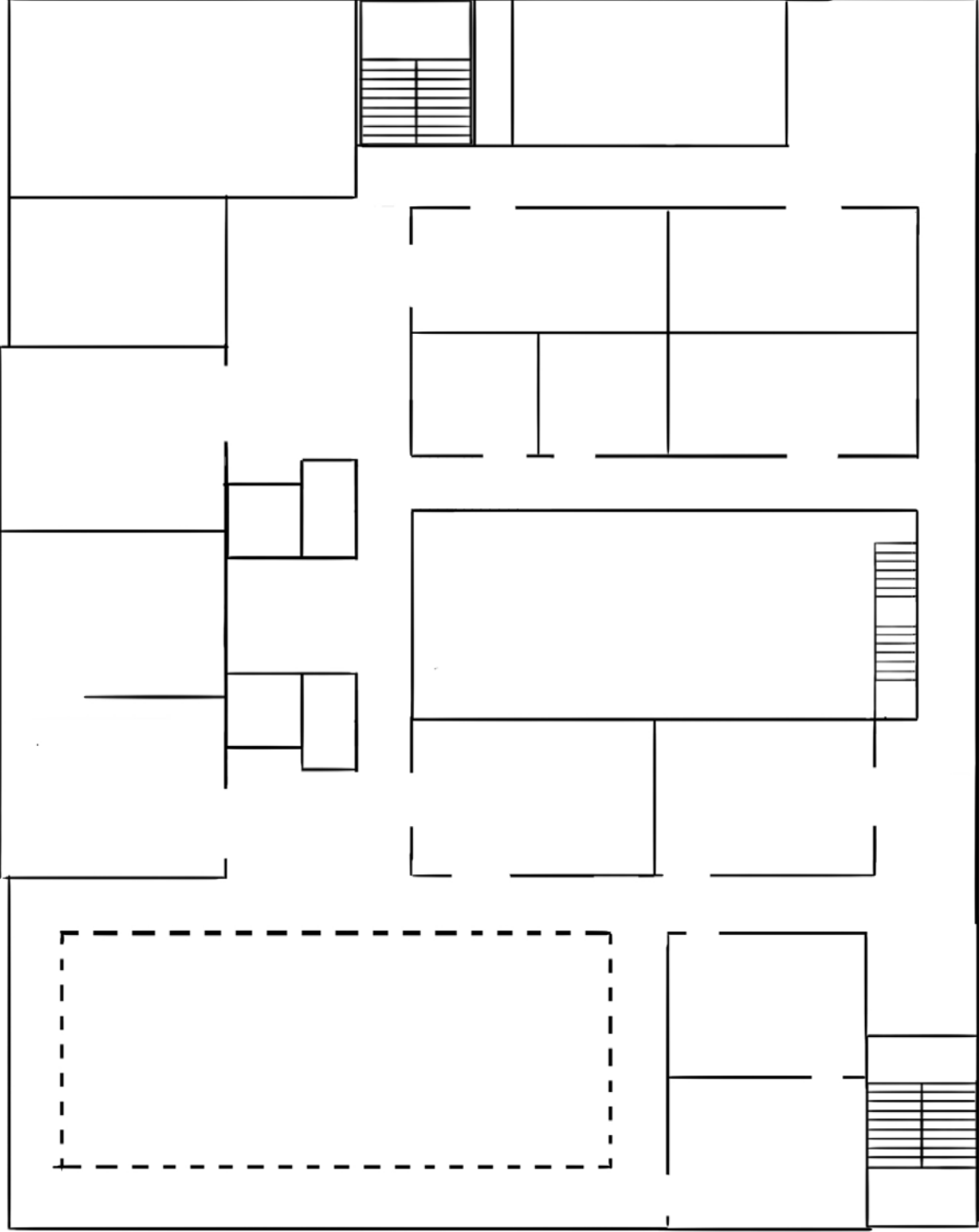
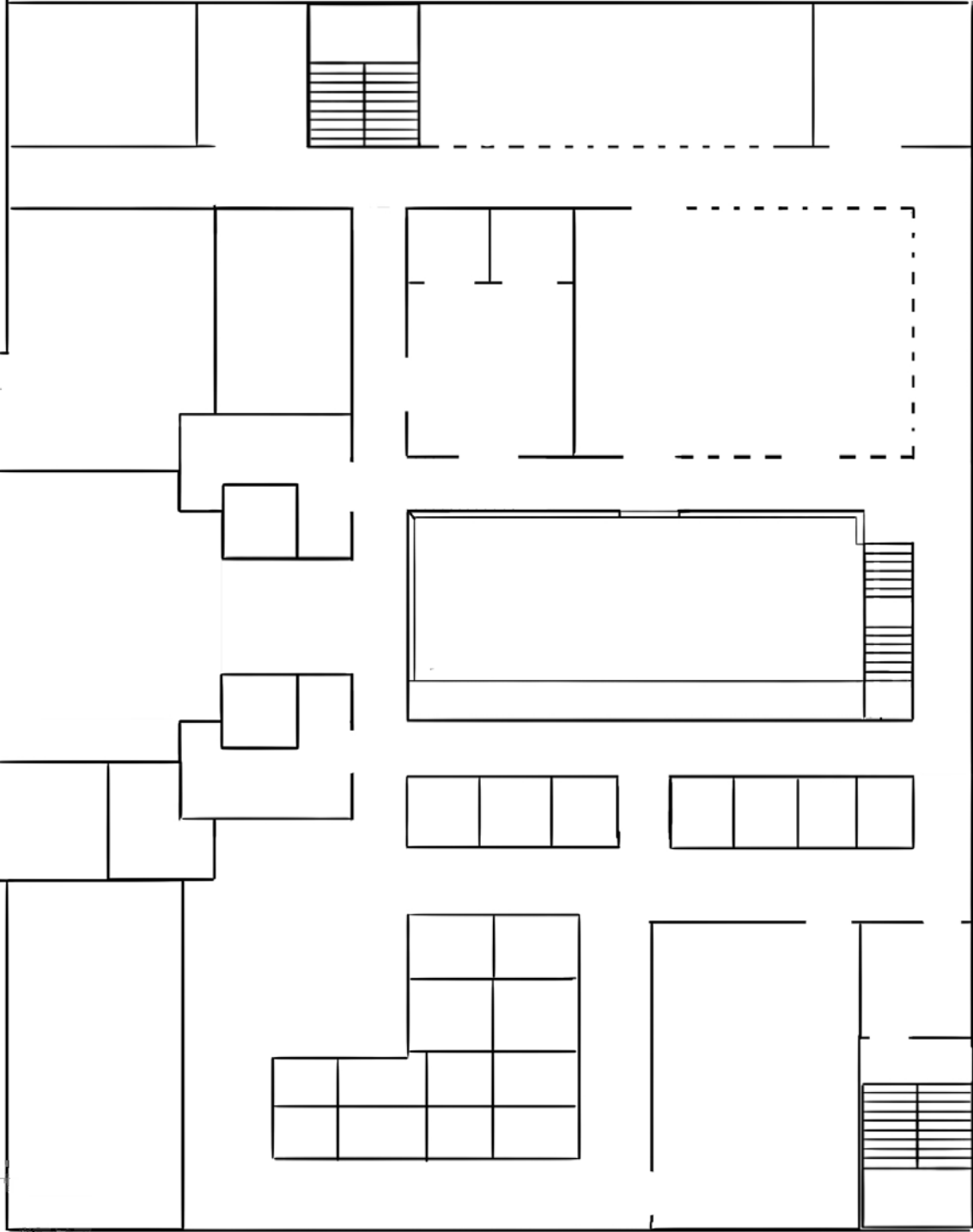


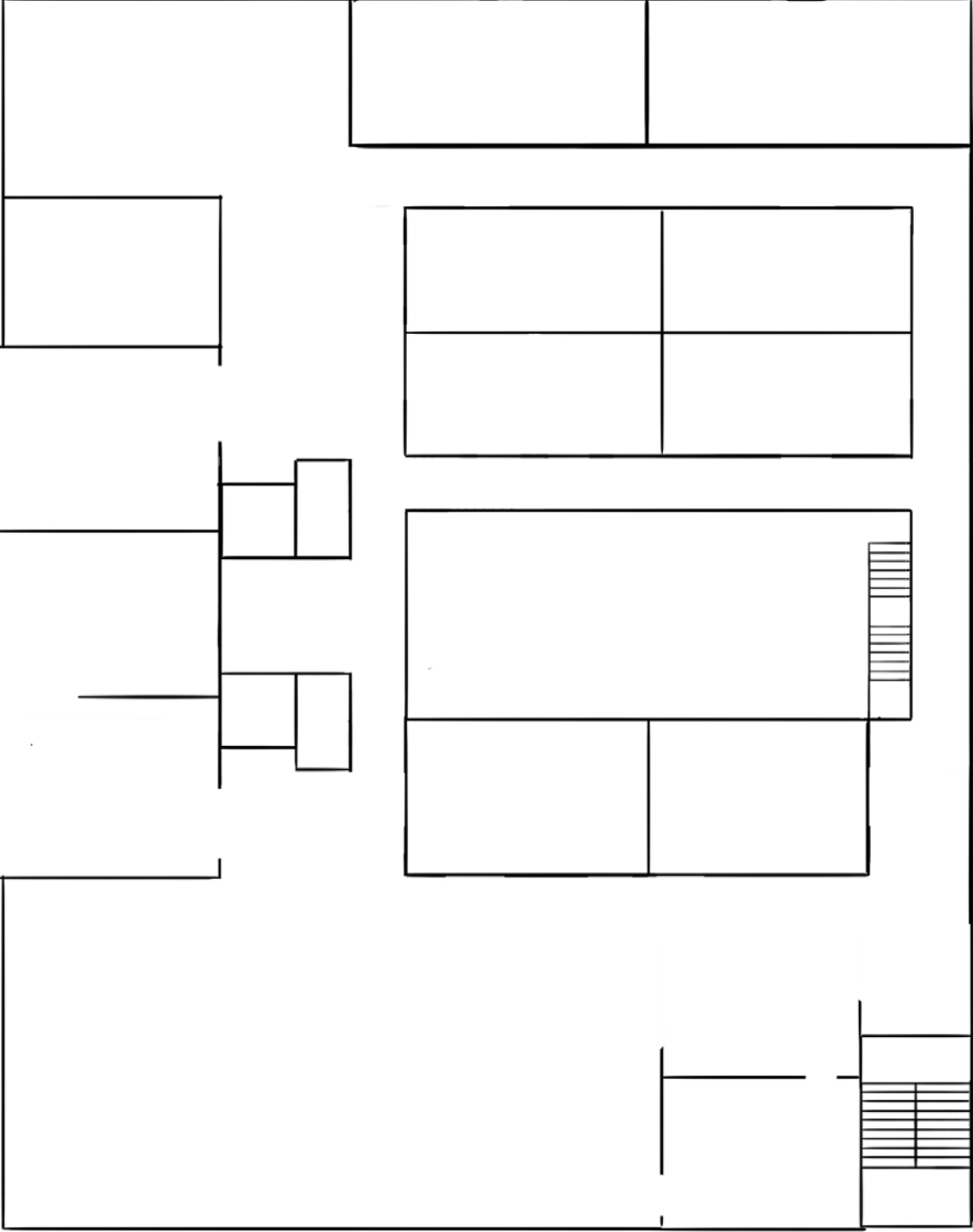
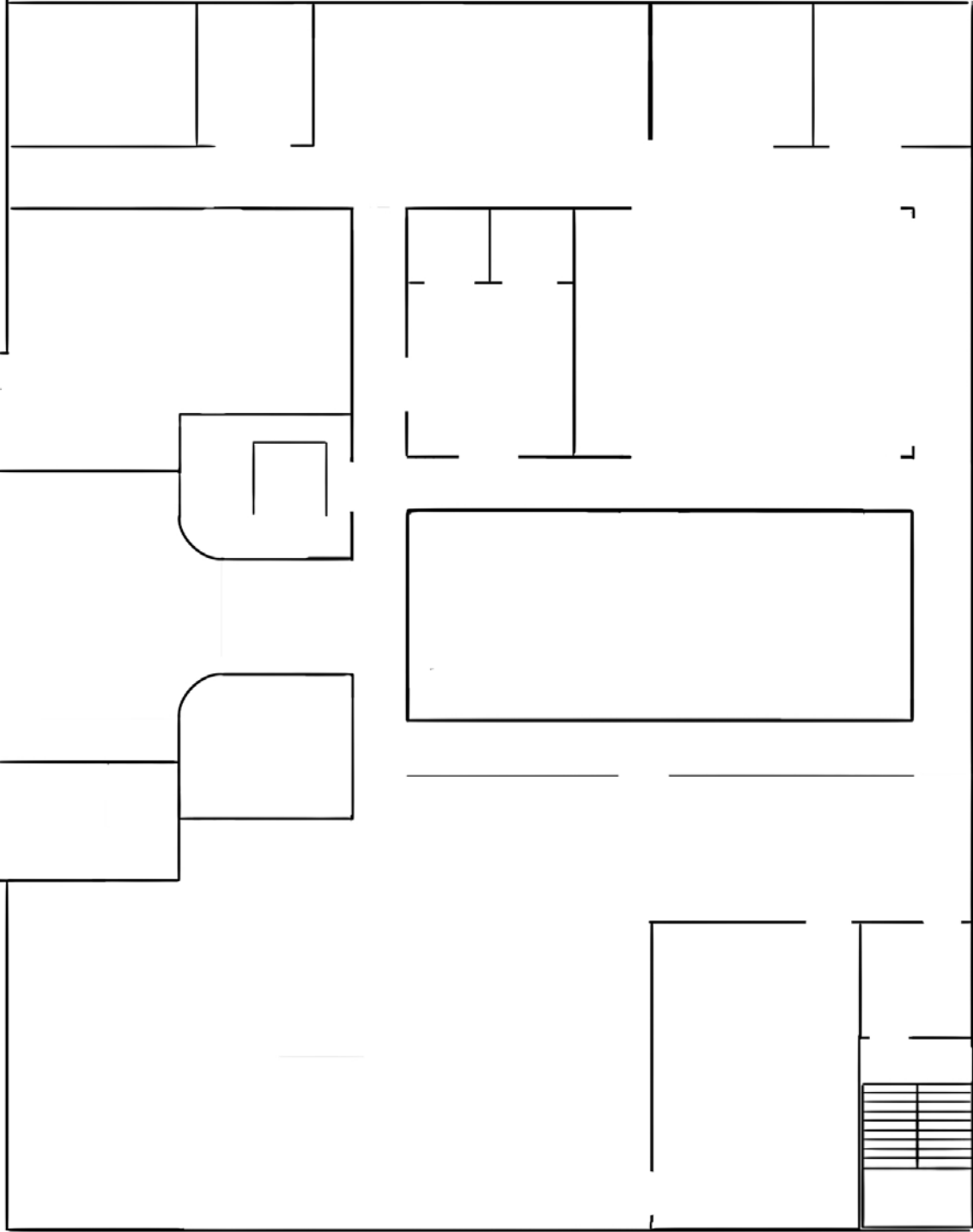
Phase 2

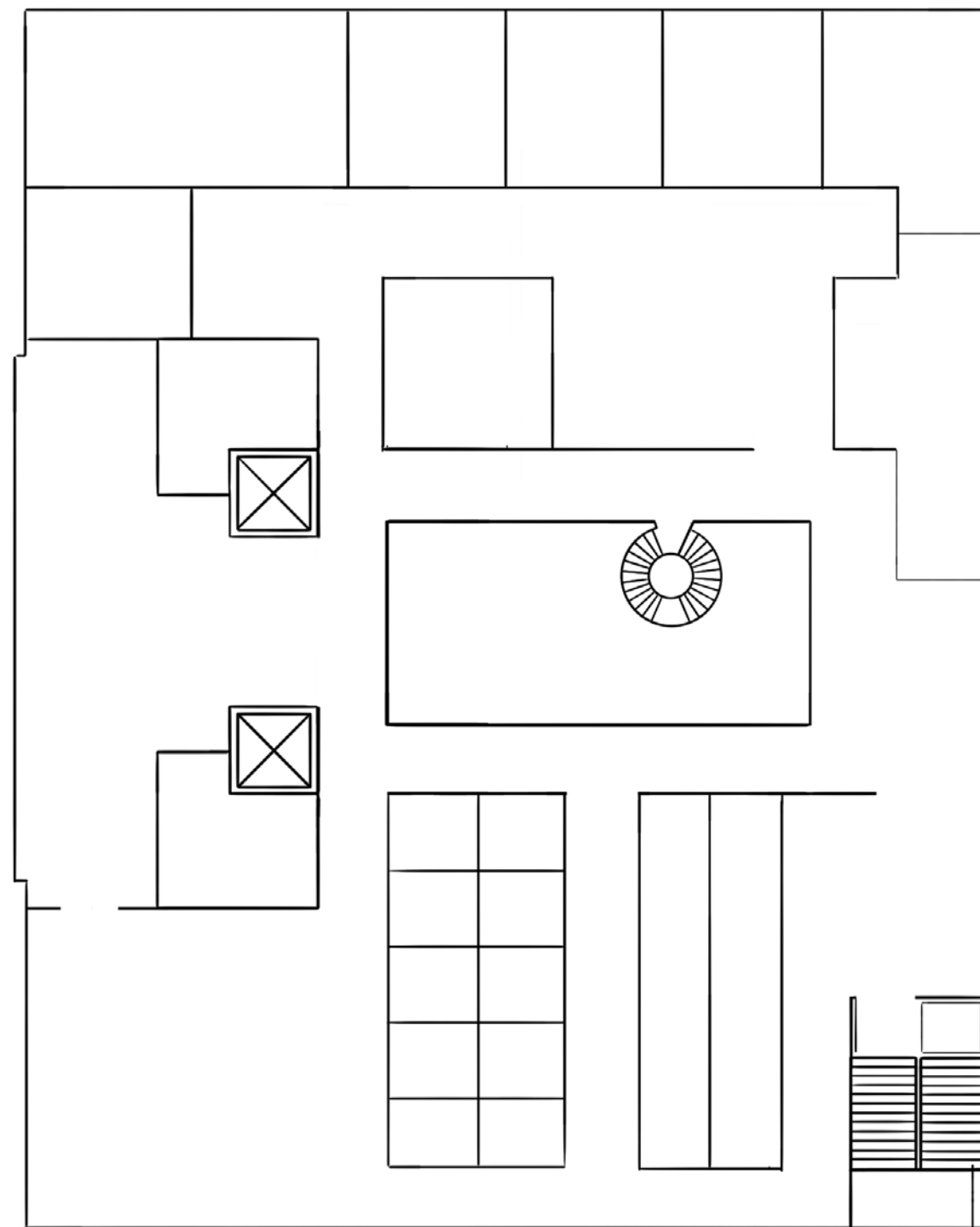
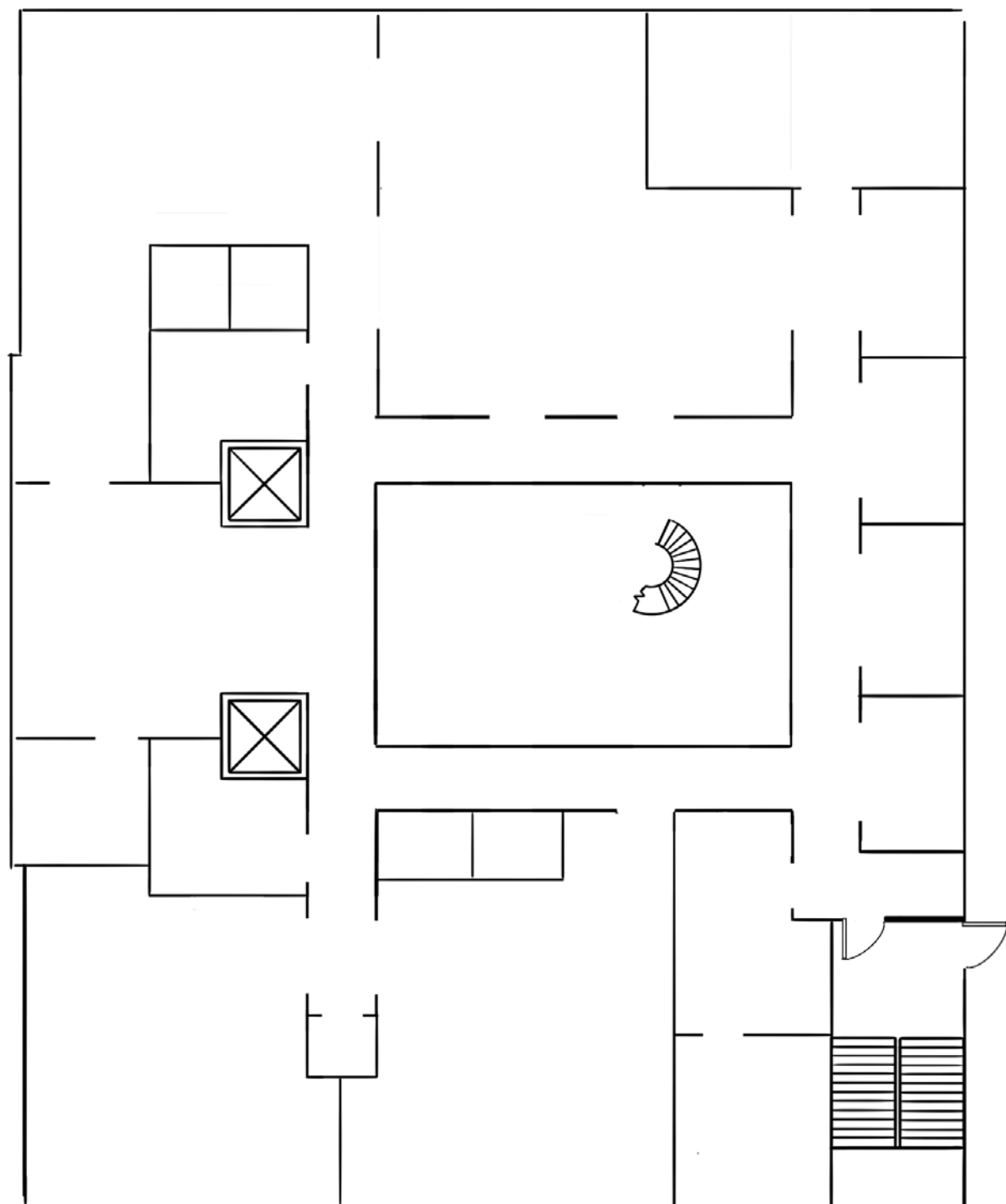
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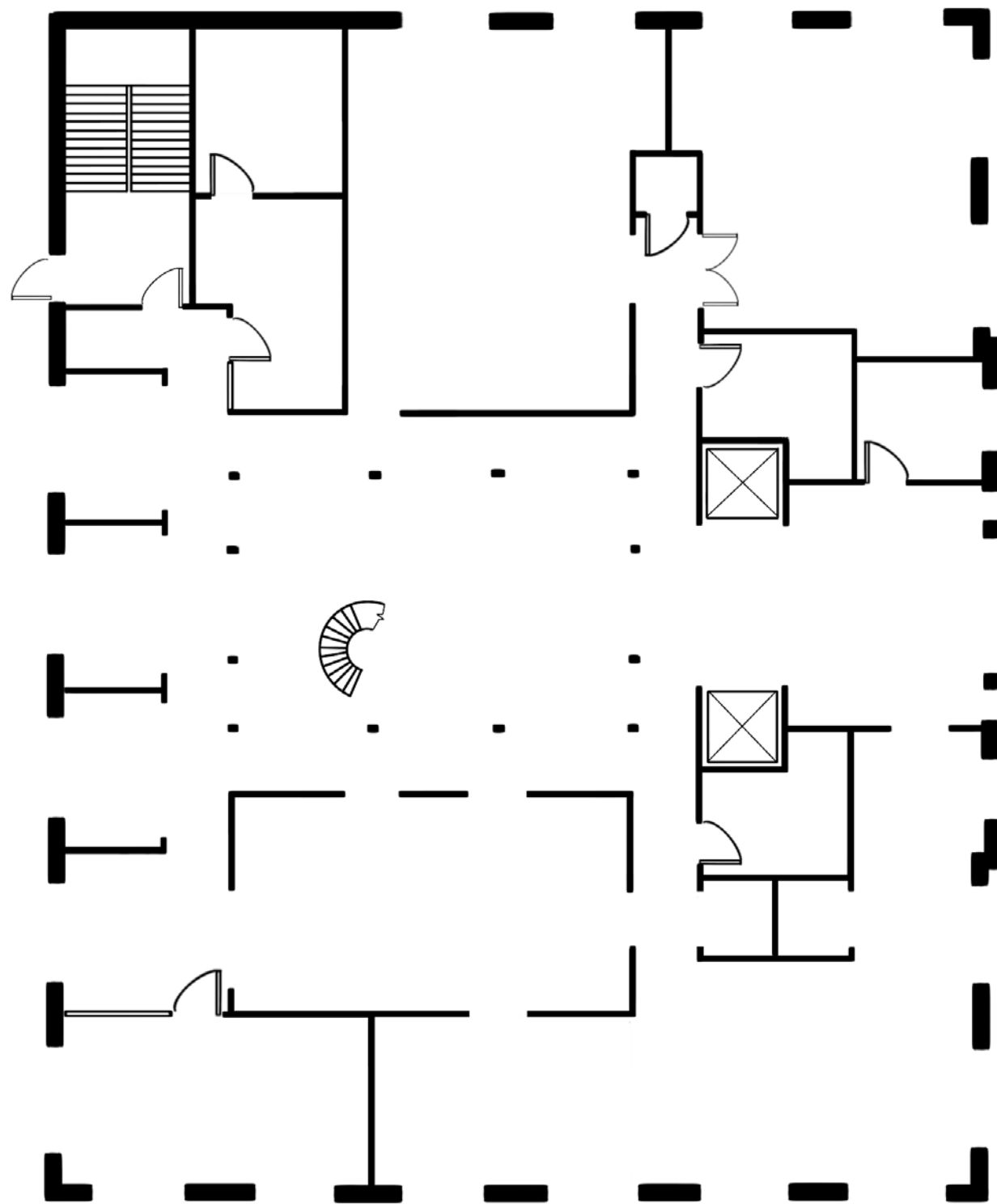
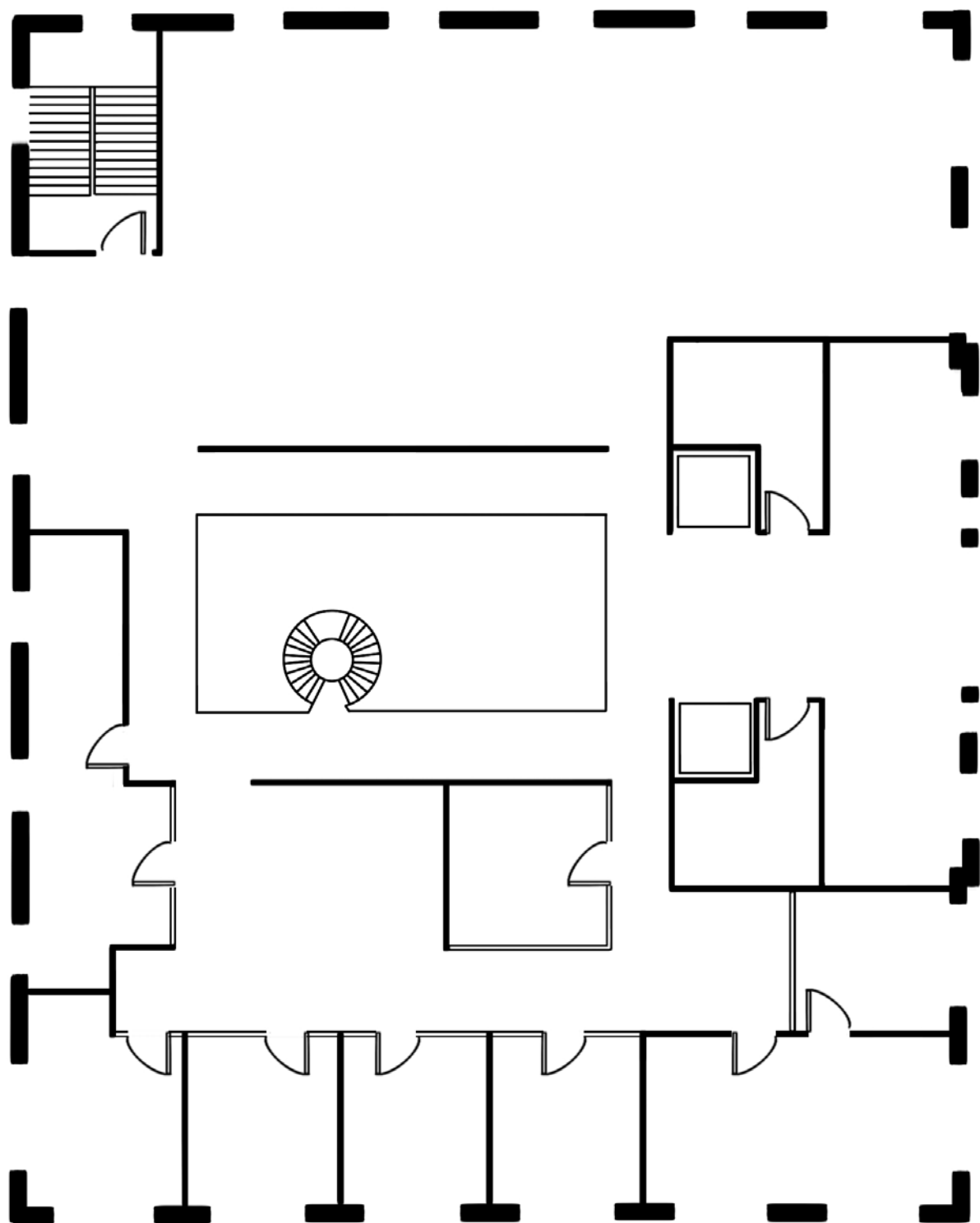


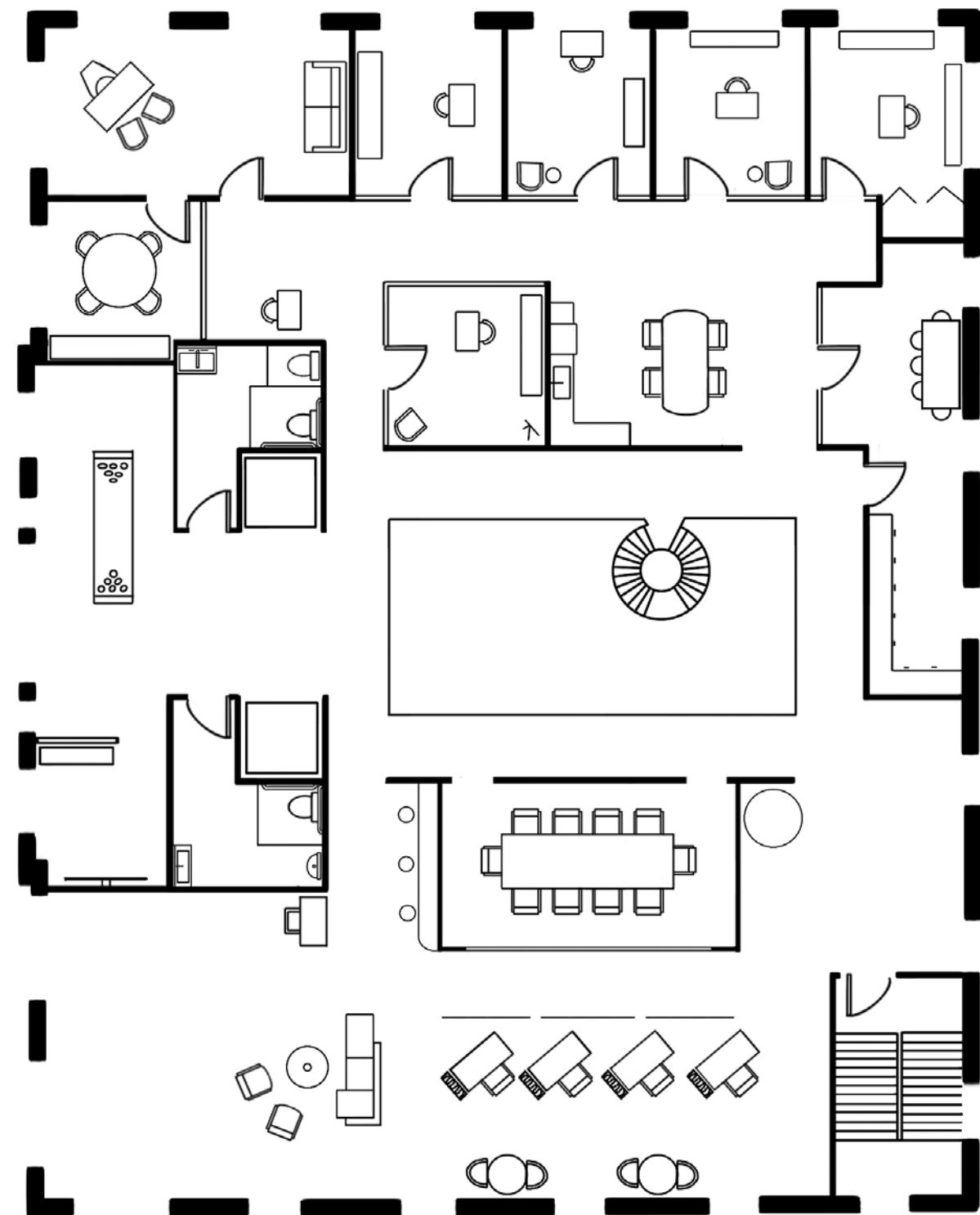
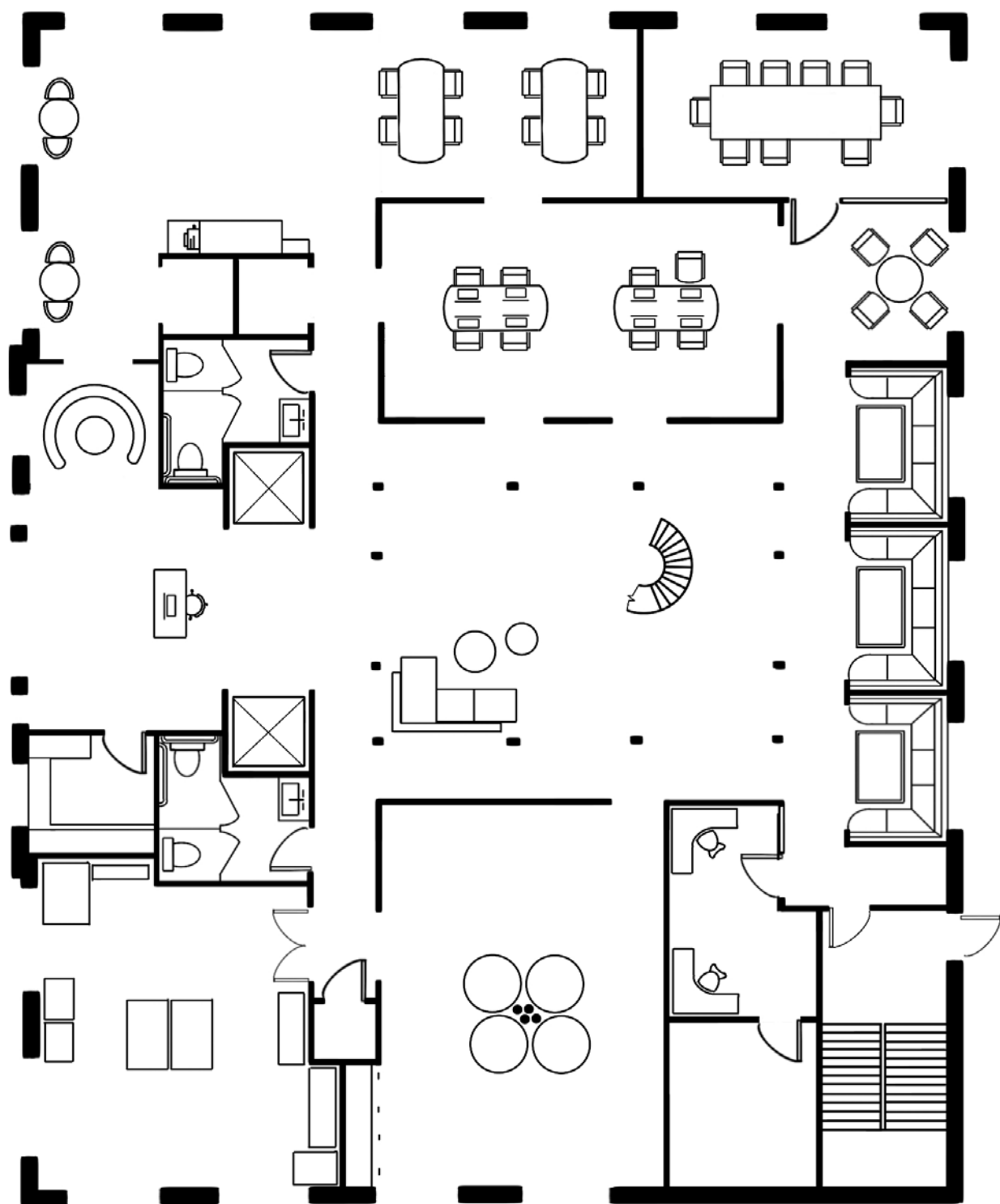


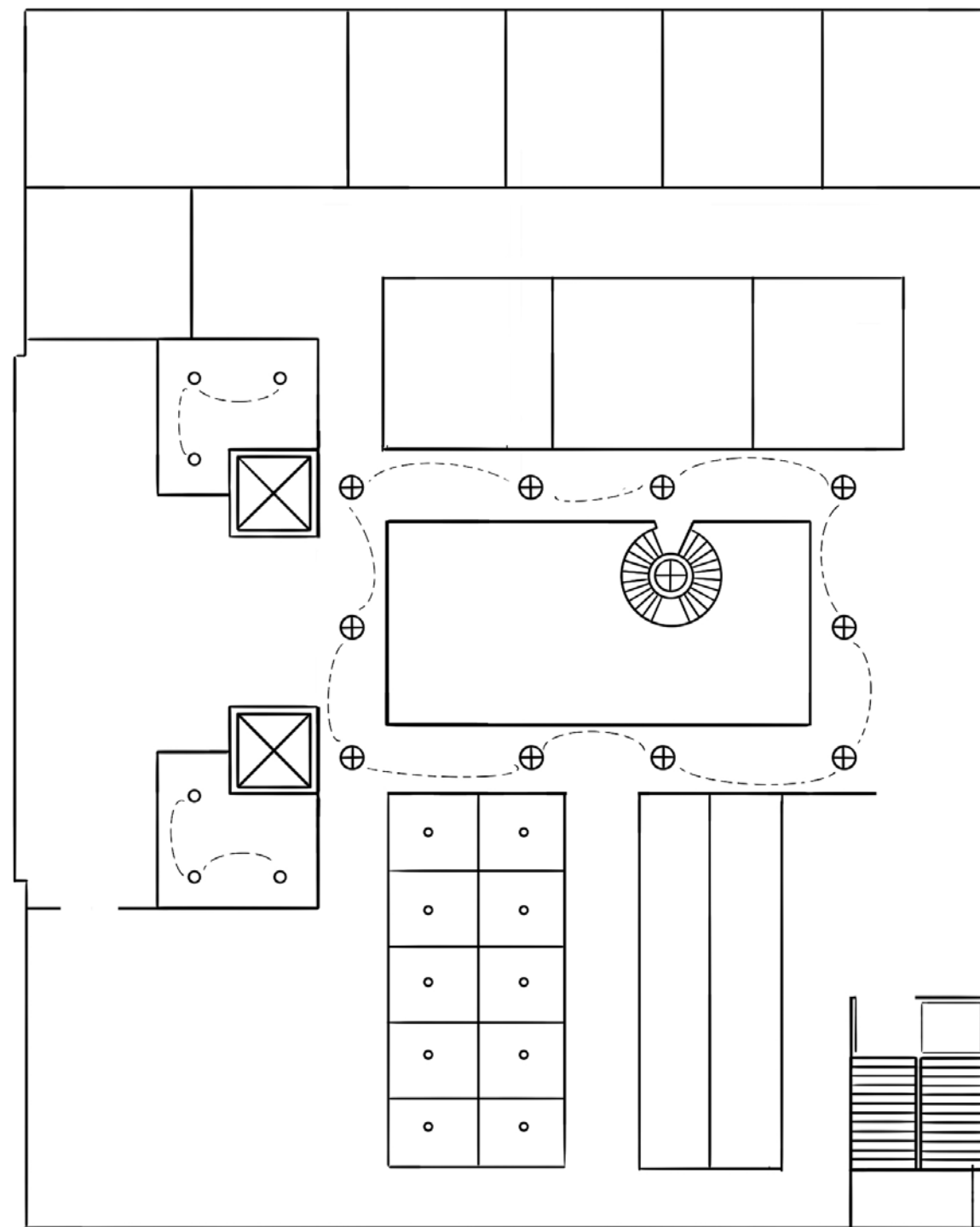
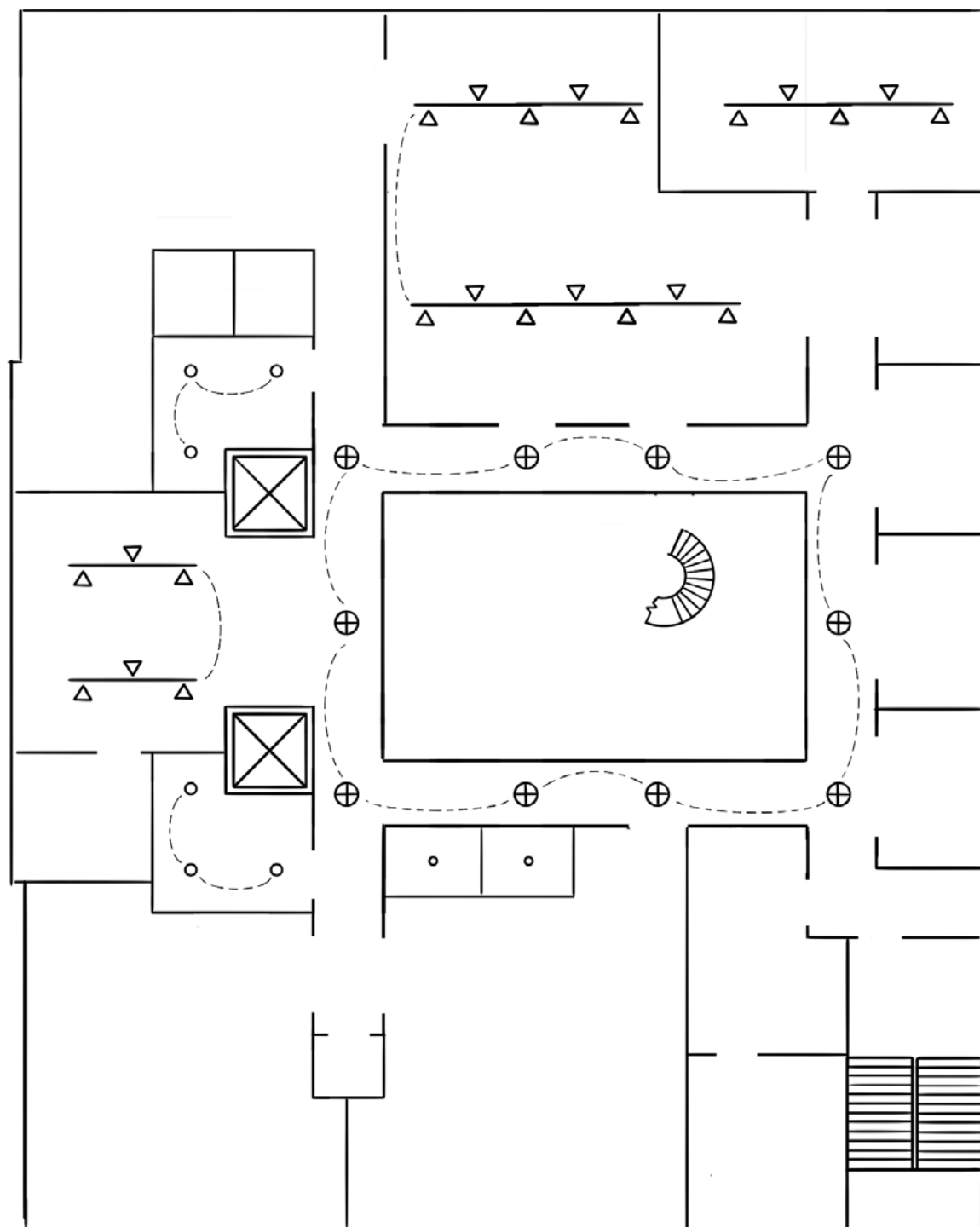


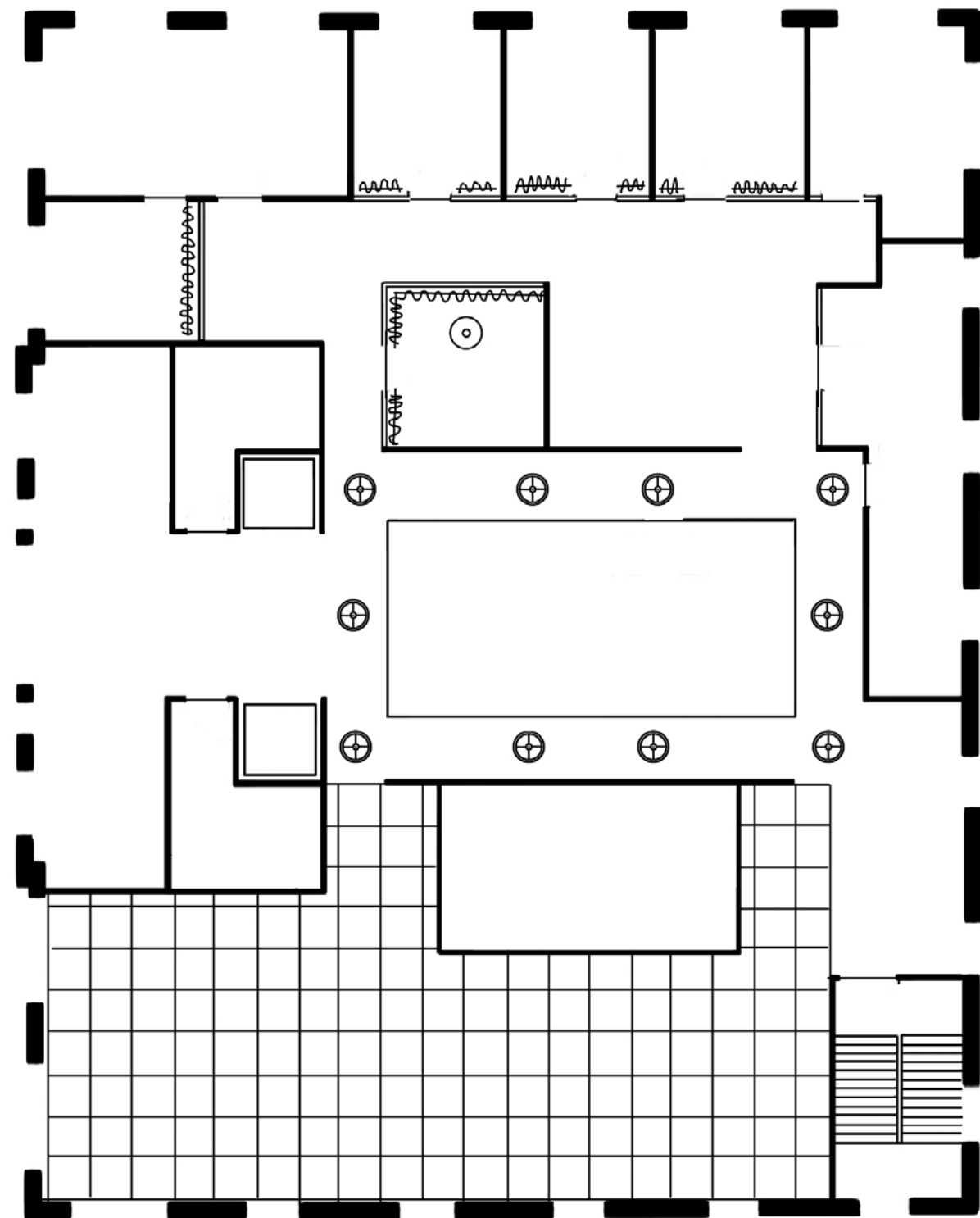
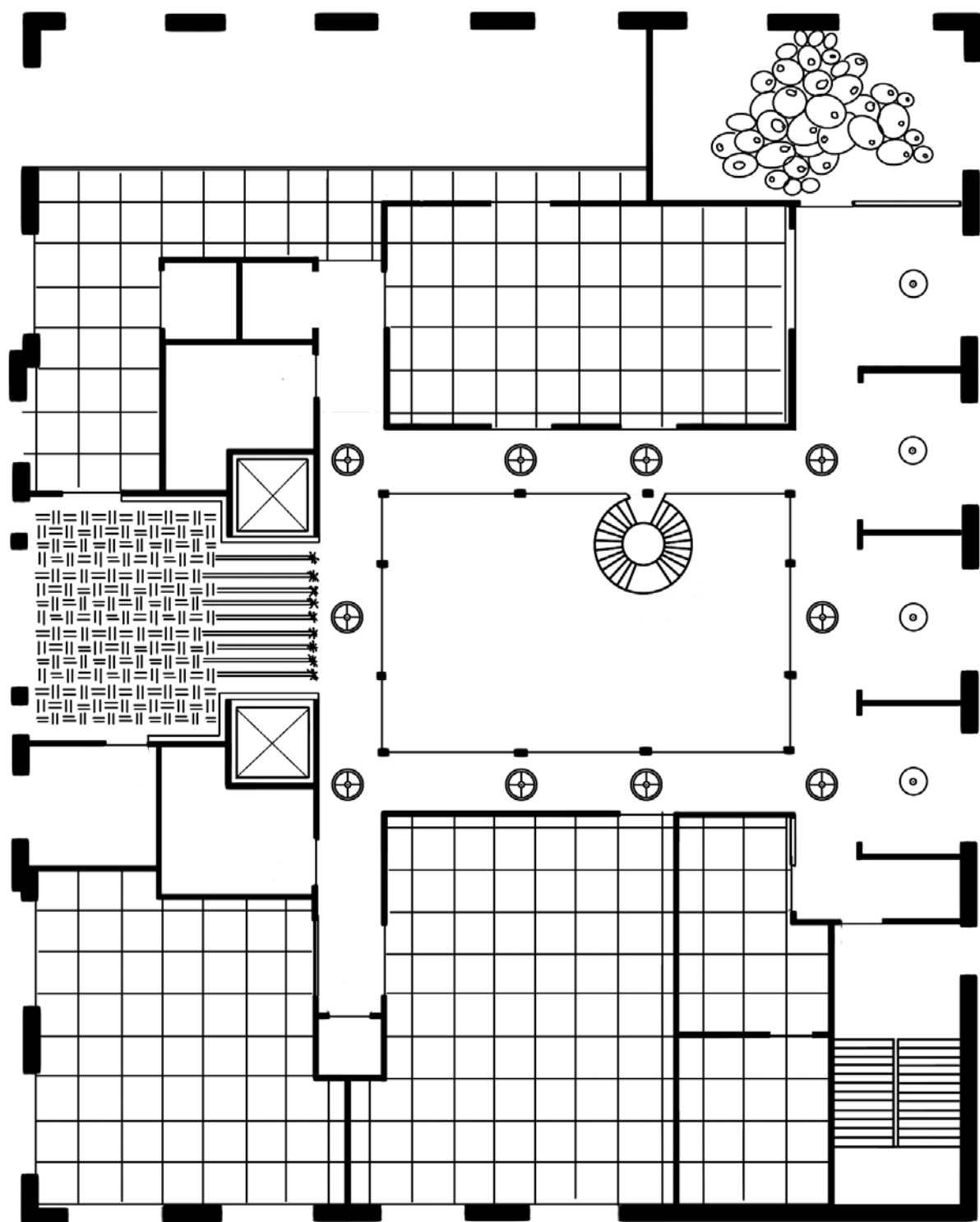


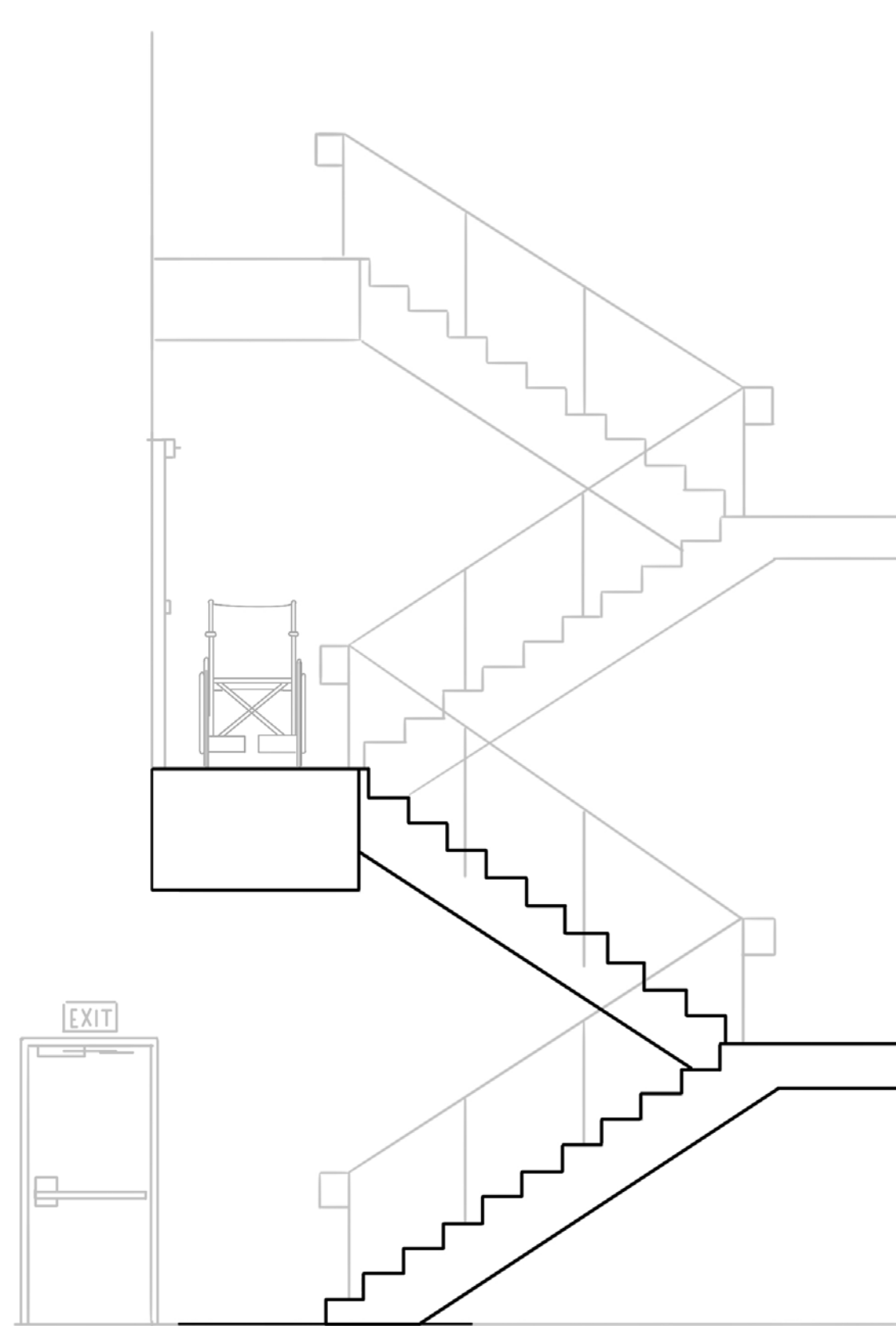
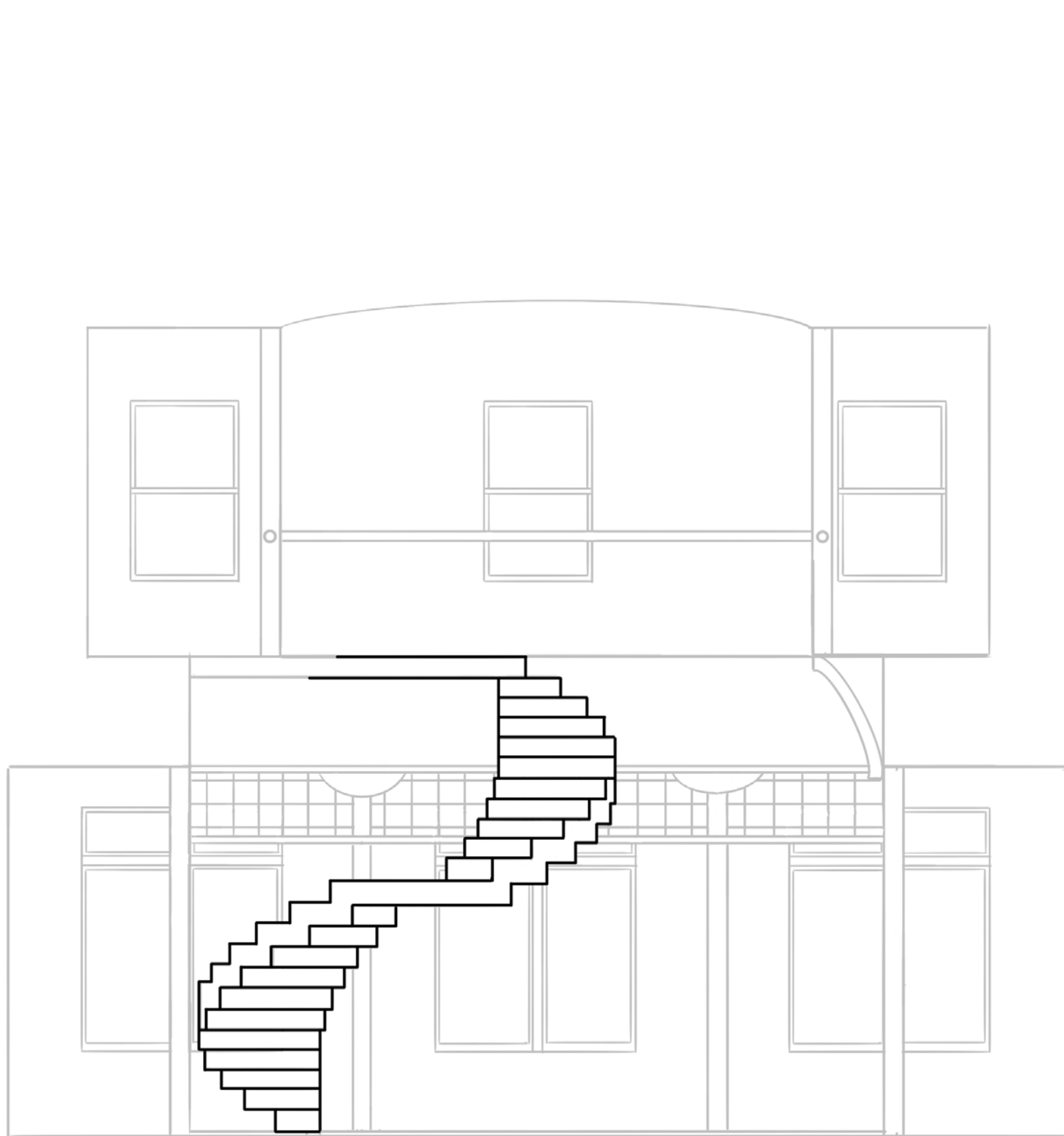


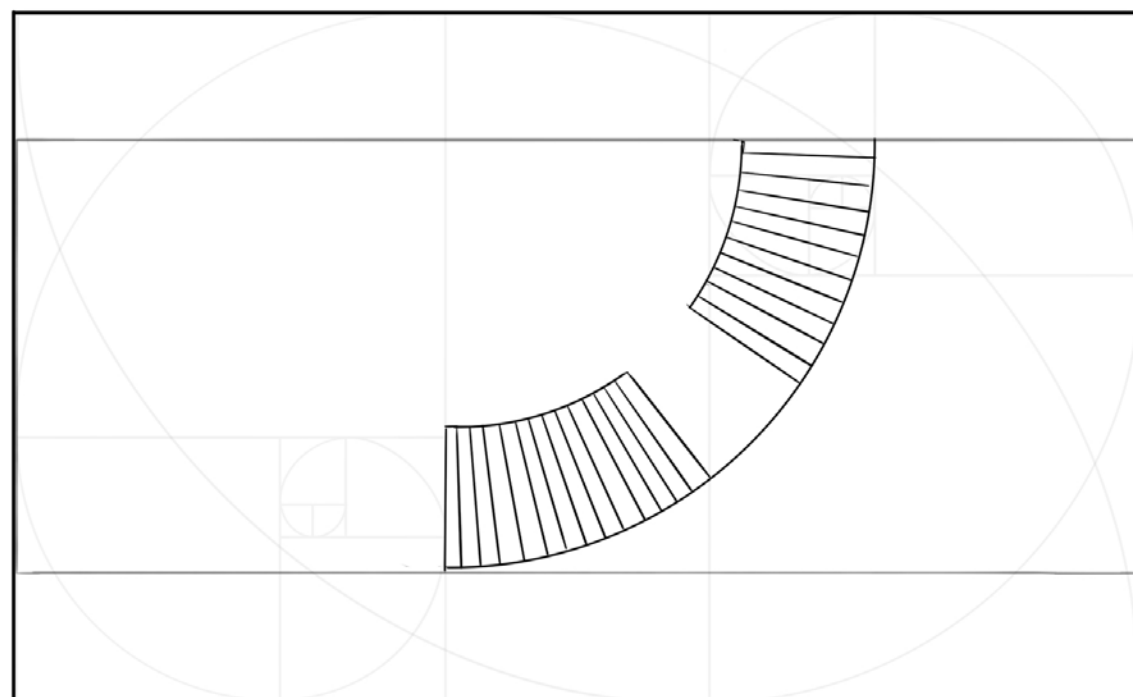
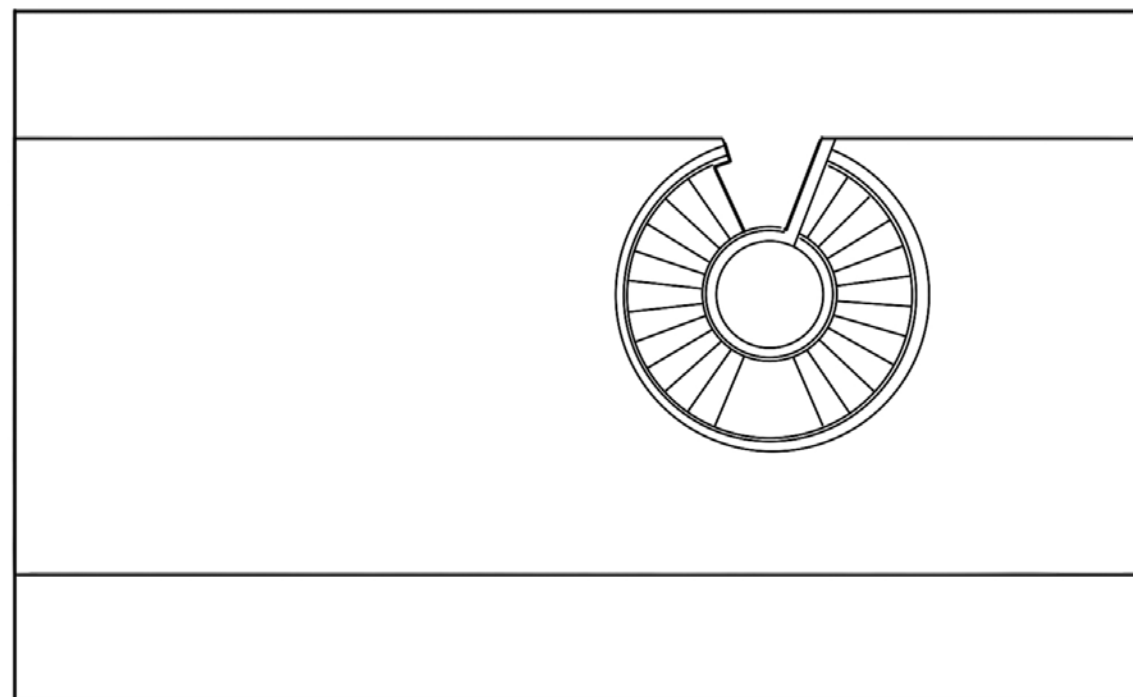
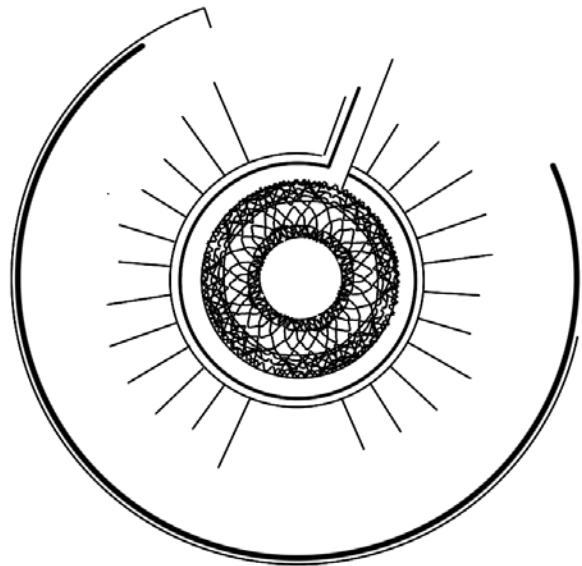
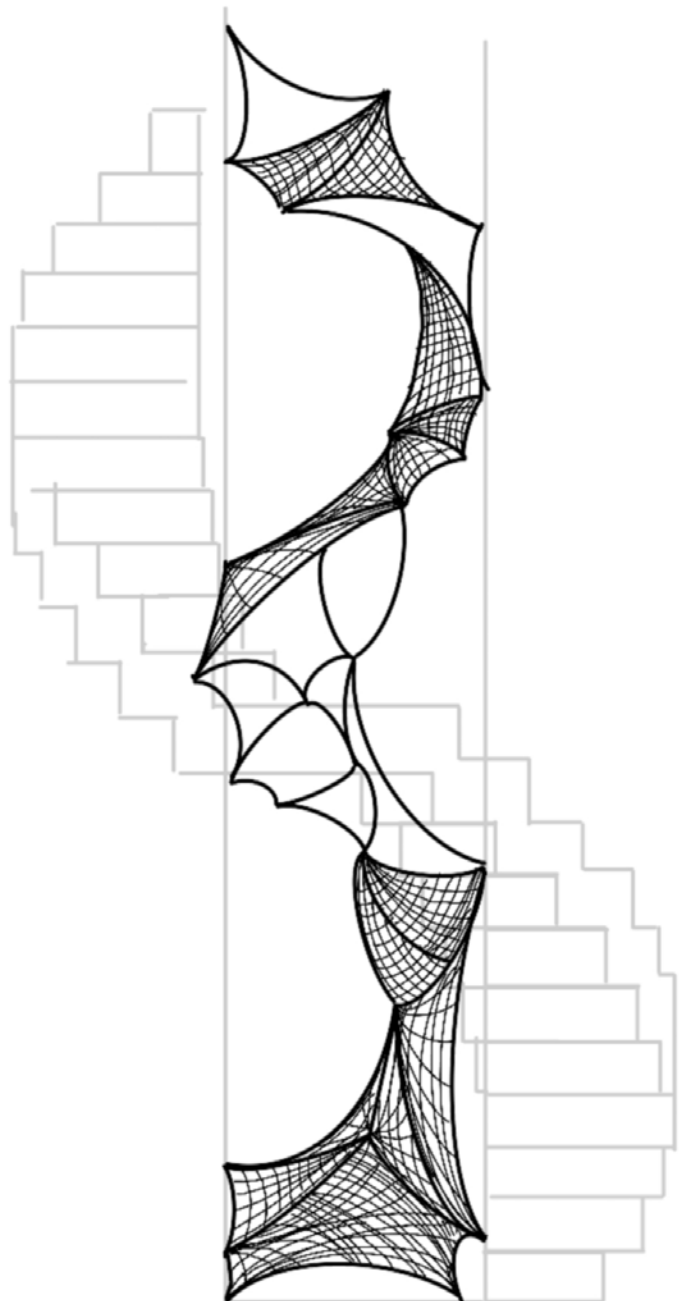


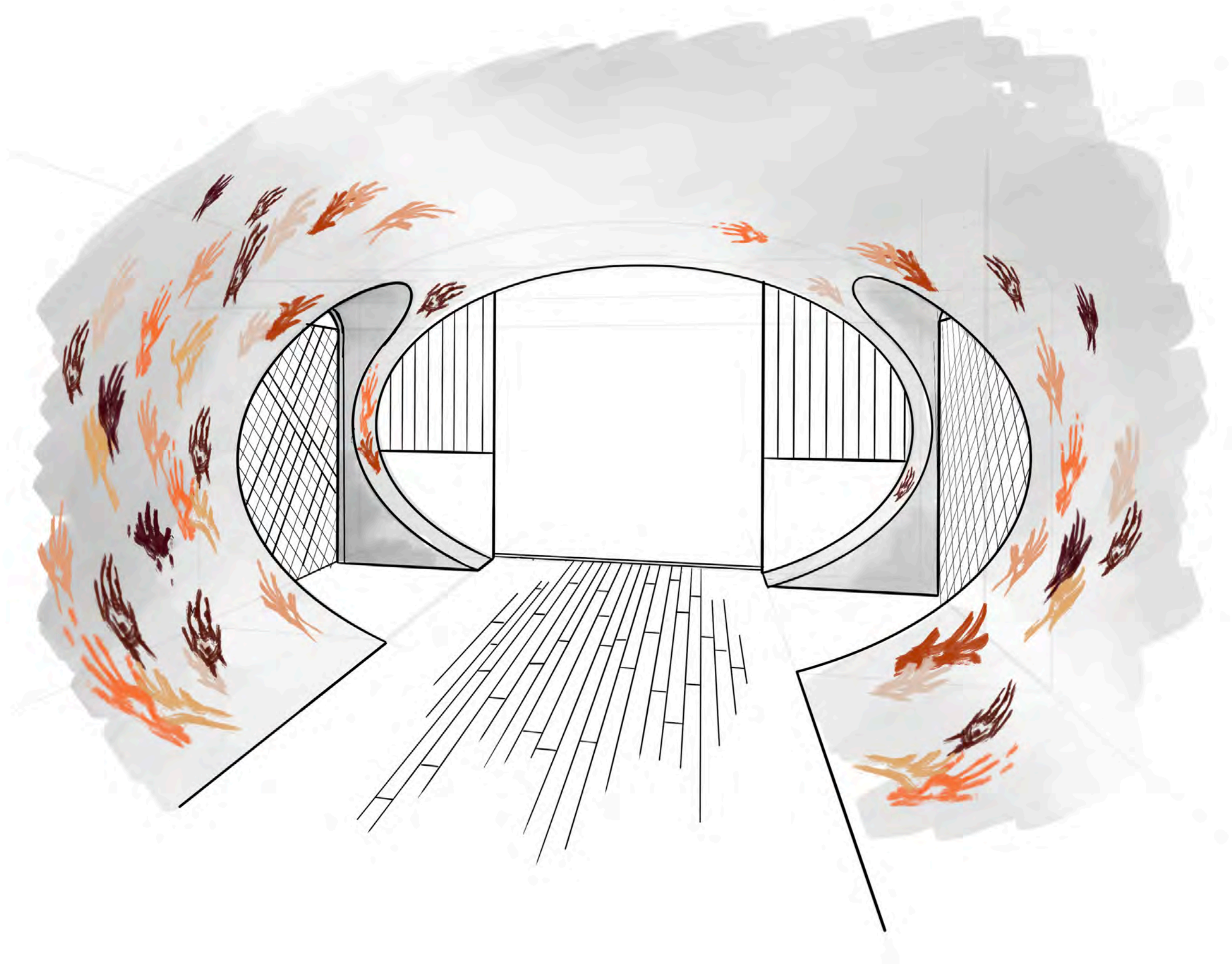


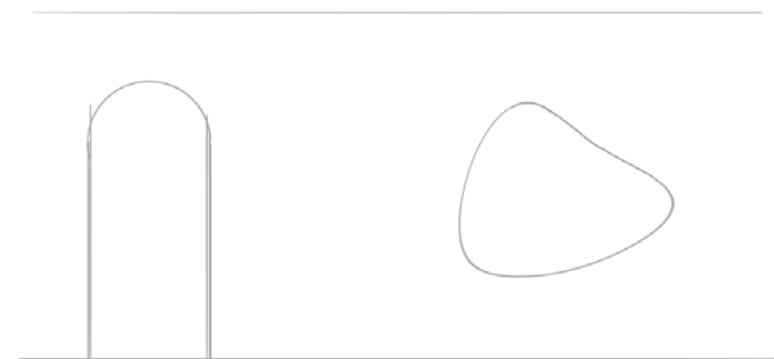
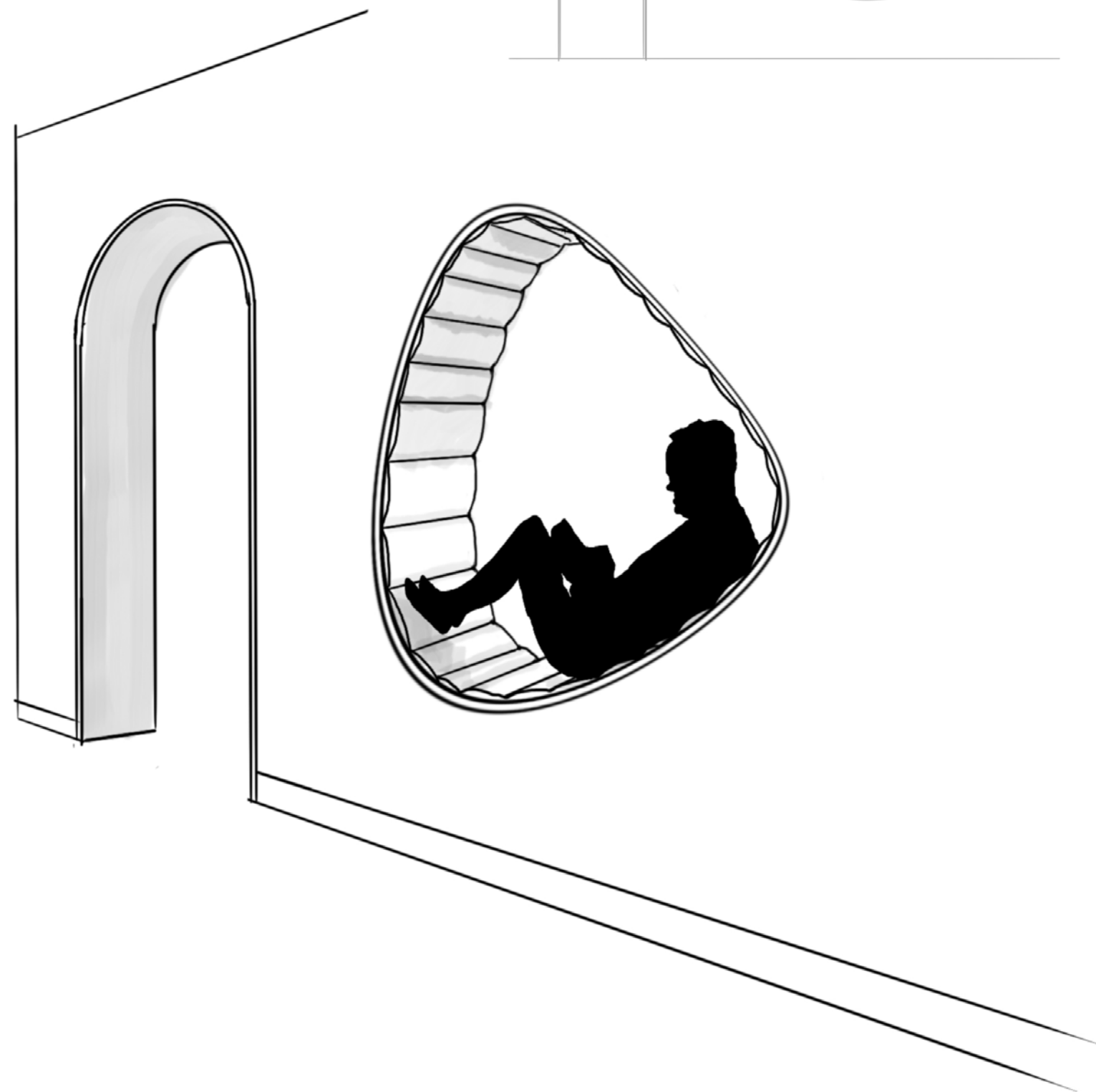
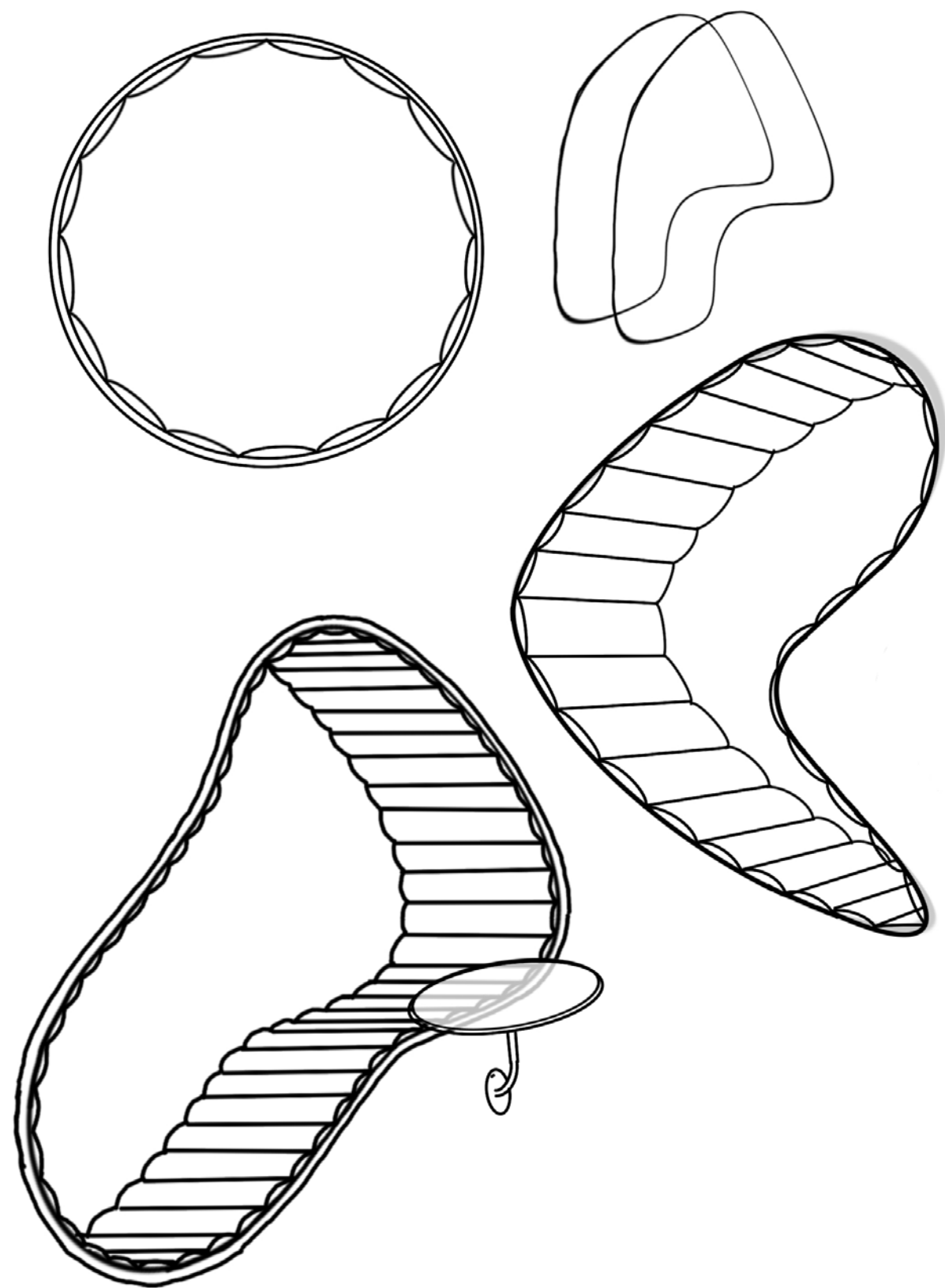


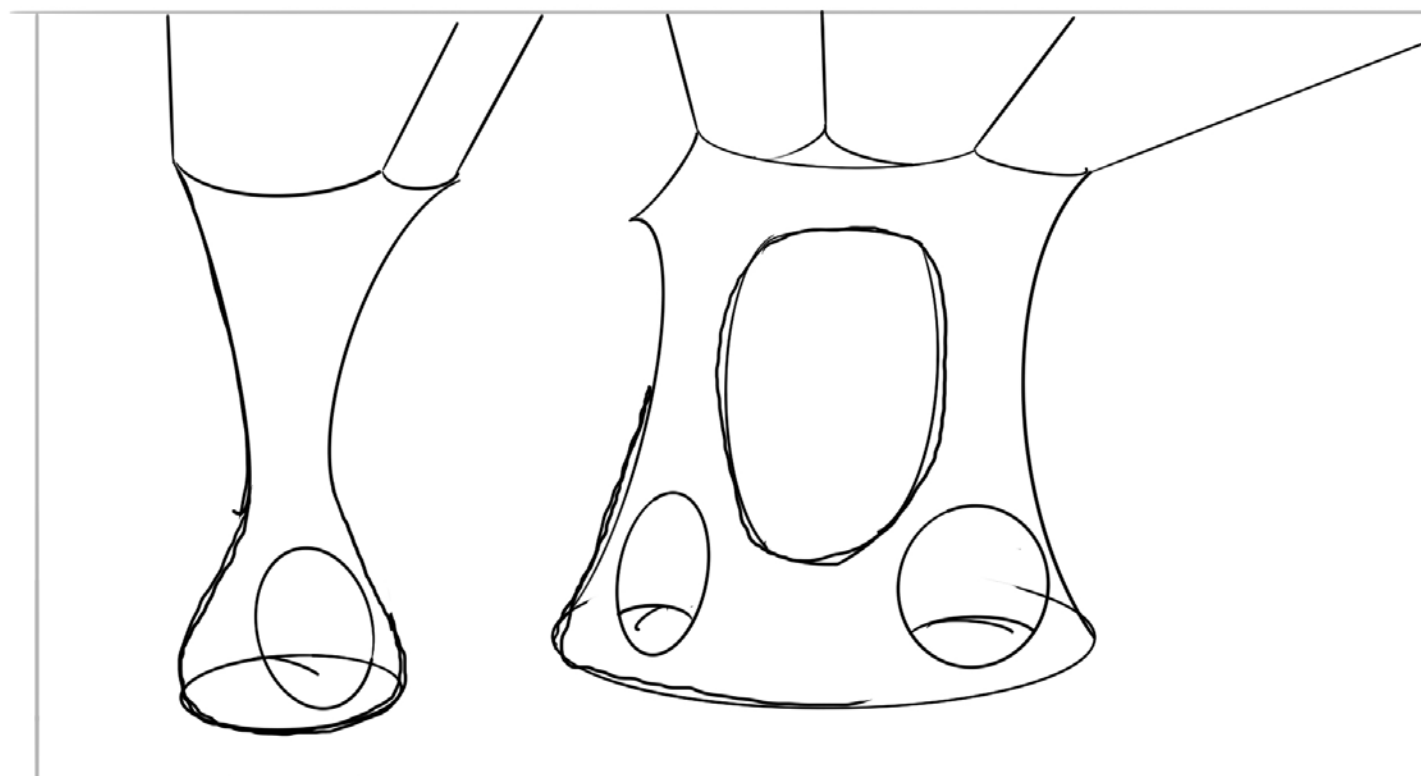




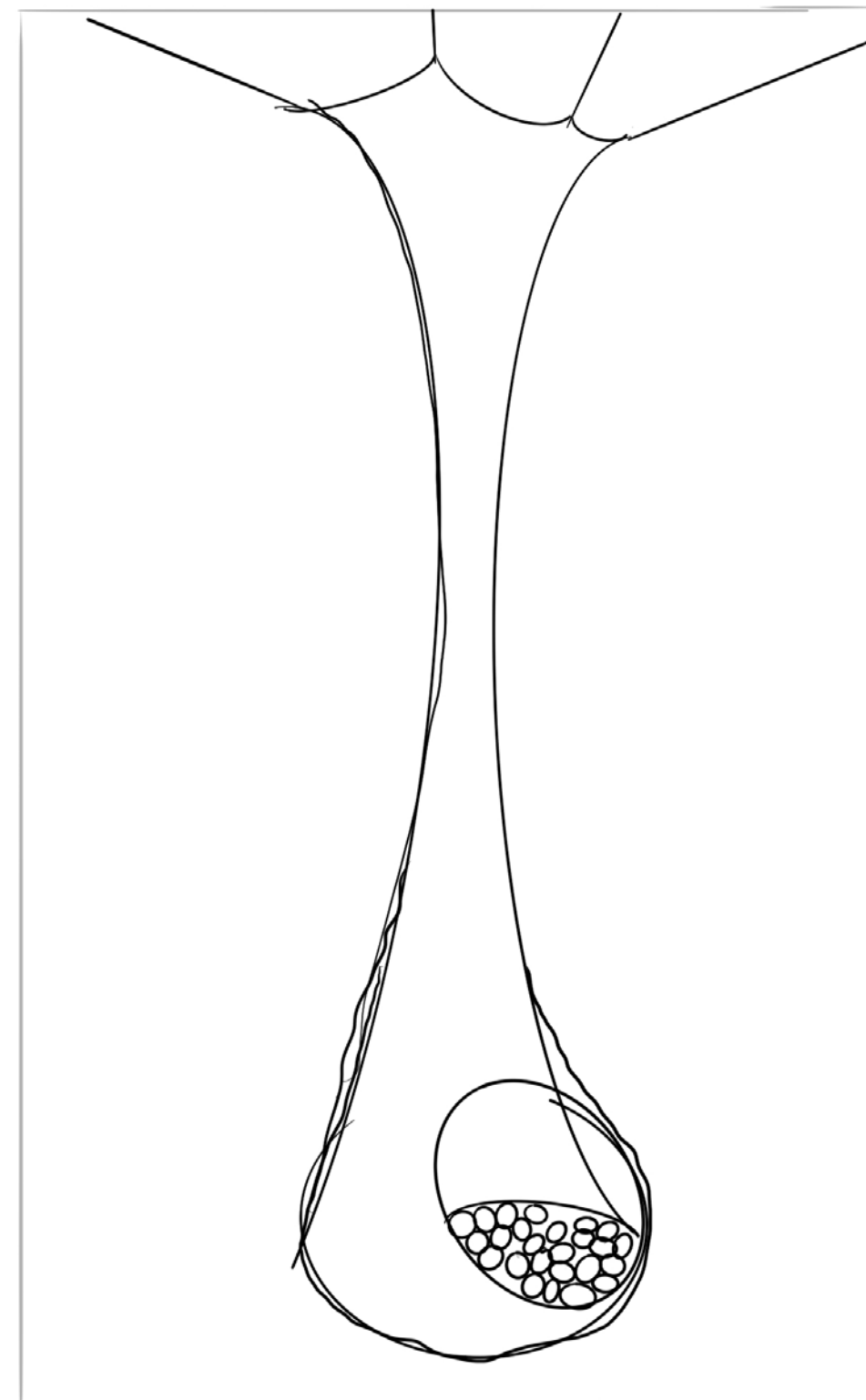








FIRST FLOOR



SECOND TO FIRST FLOOR



Phase 2 / Midterm Presentation

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Concept:

Taking inspiration from the primeval connection between human creativity / ingenuity and the natural world, the application of organic forms and the incorporation of earthy tones will be used to create an intrinsically calming yet stimulating space that will harken back to the root of human nature.

Inspirational Imagery



Sensory



Adaptable



Diverse



Freeform



Communal



Sculpted

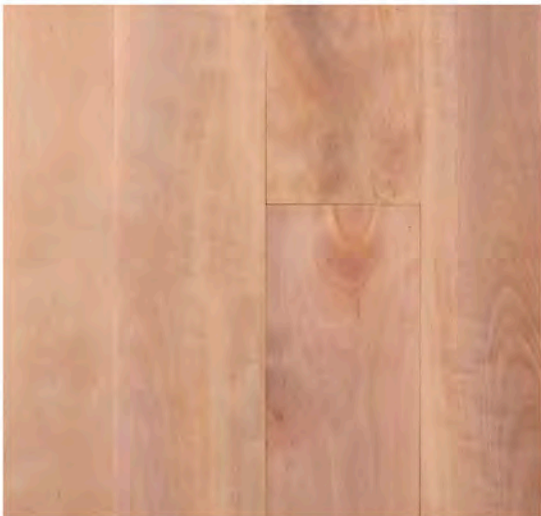
Materiality



Jaracarta Inc.
Walnut Burl



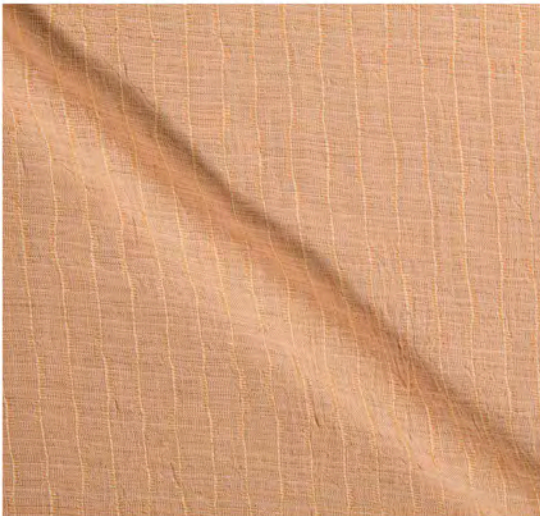
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Anigre Plain



Anthology Woods
Pacific Madrone



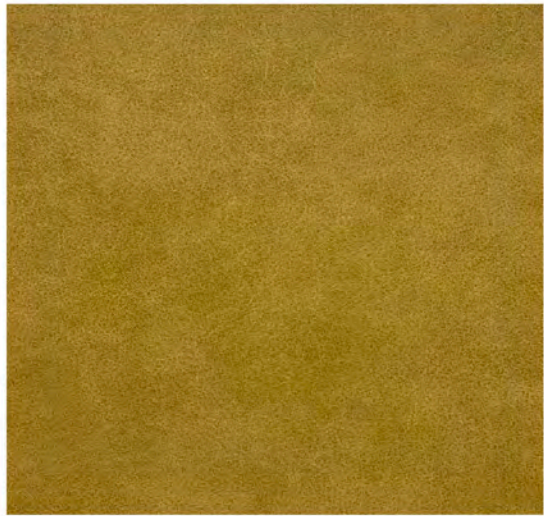
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Knit Purl Sheer



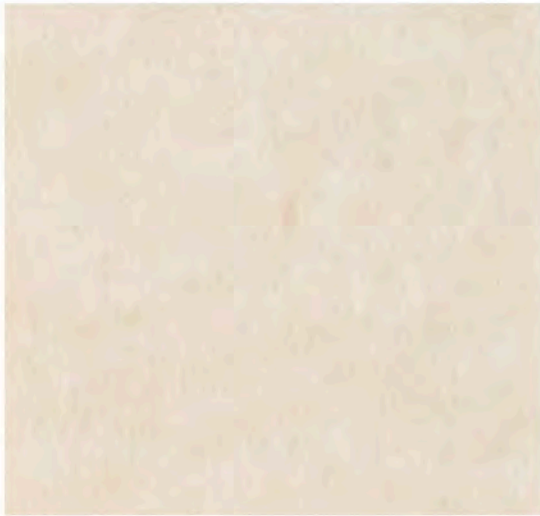
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Jardine



Benjamin Moore
Winter Wheat 232



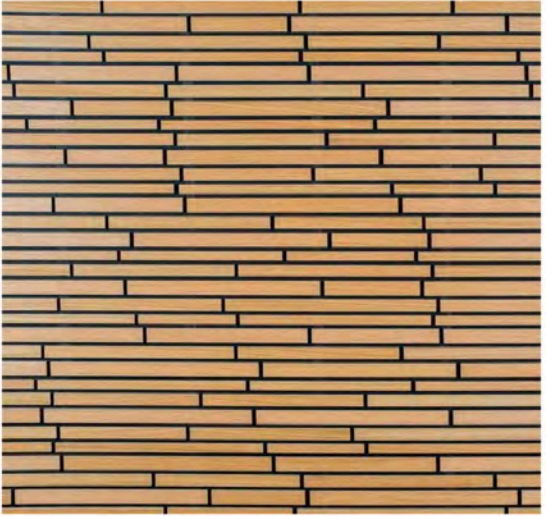
Anzea
Travel Roadies



FSorb
Light Beige Acoustic Panel



Jaime Beckwith
Ribbed



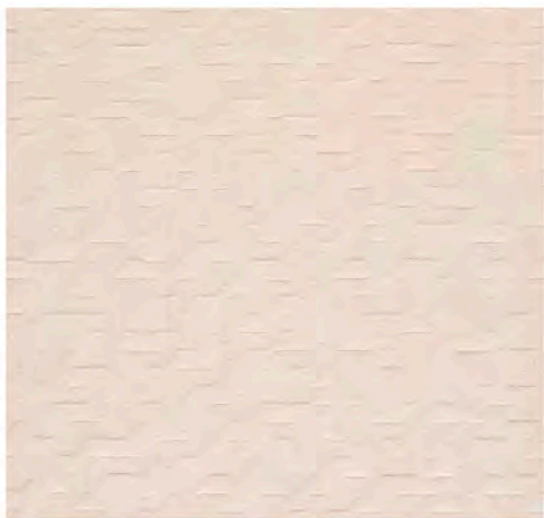
LBI Boyd Design
Acoustical Arbour



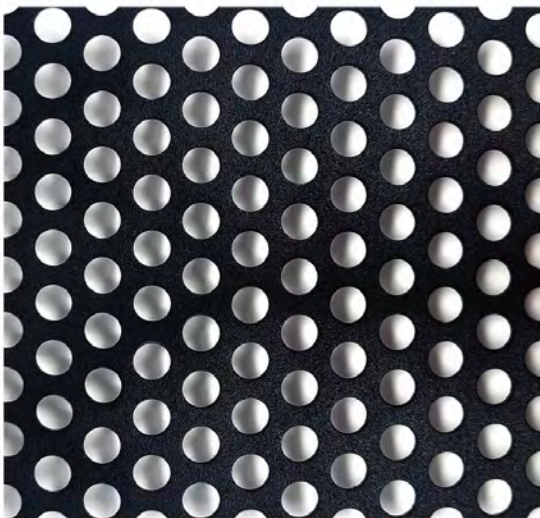
Pioneer Millworks
Black & Tan 50/50



Benjamin Moore
Mountain Retreat 1176



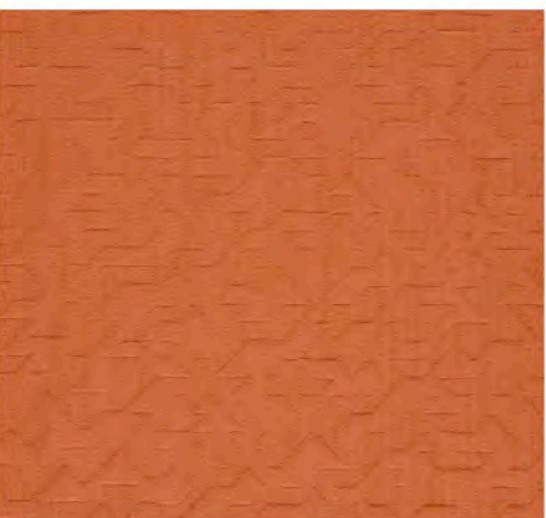
Designtex
Mountainous



Moz Designs Inc.
Perforated 1/4" Dia



Royal Thai
Rivera 2



Designtex
Mountainous



Benjamin Moore
Adagio 1593

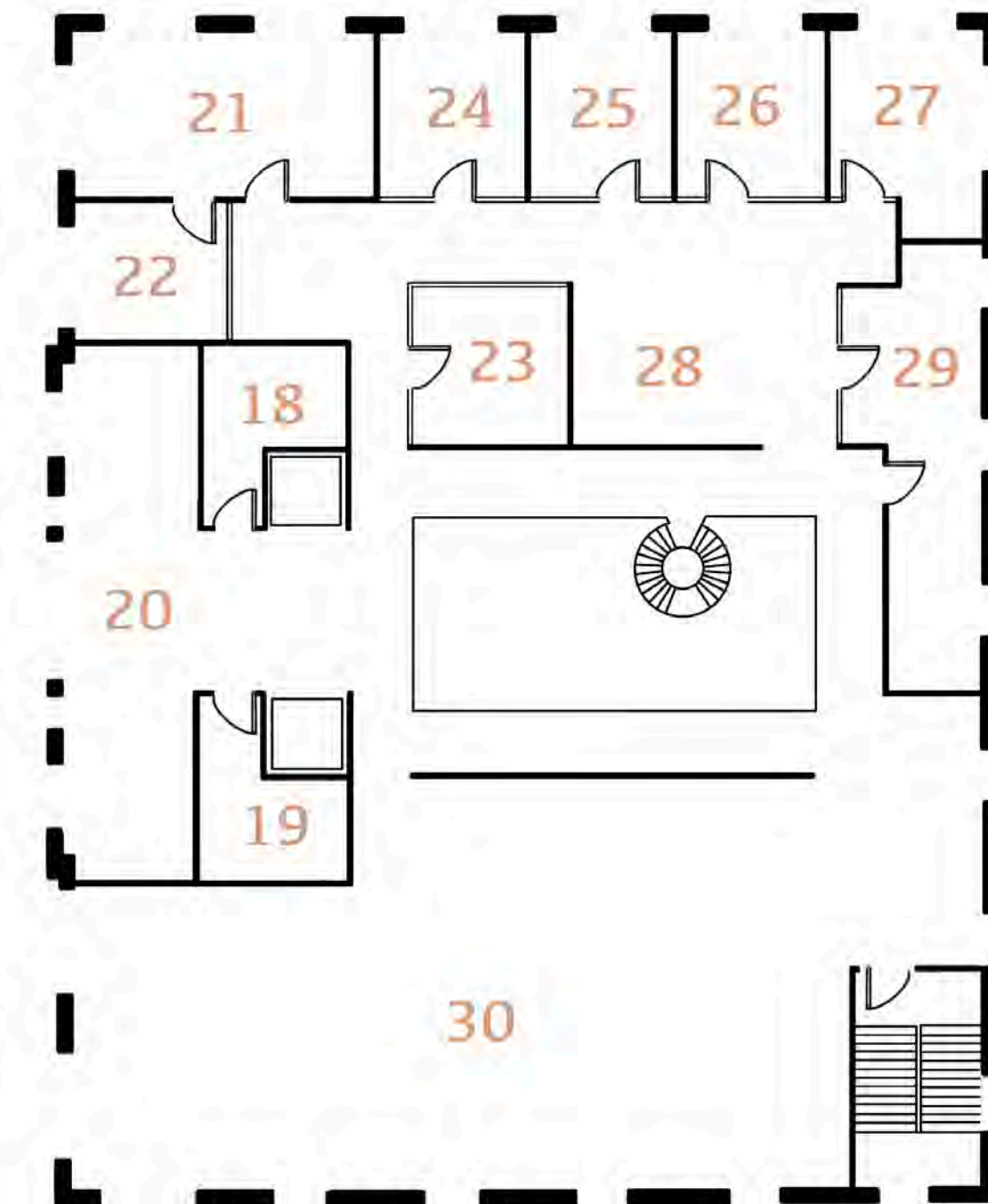
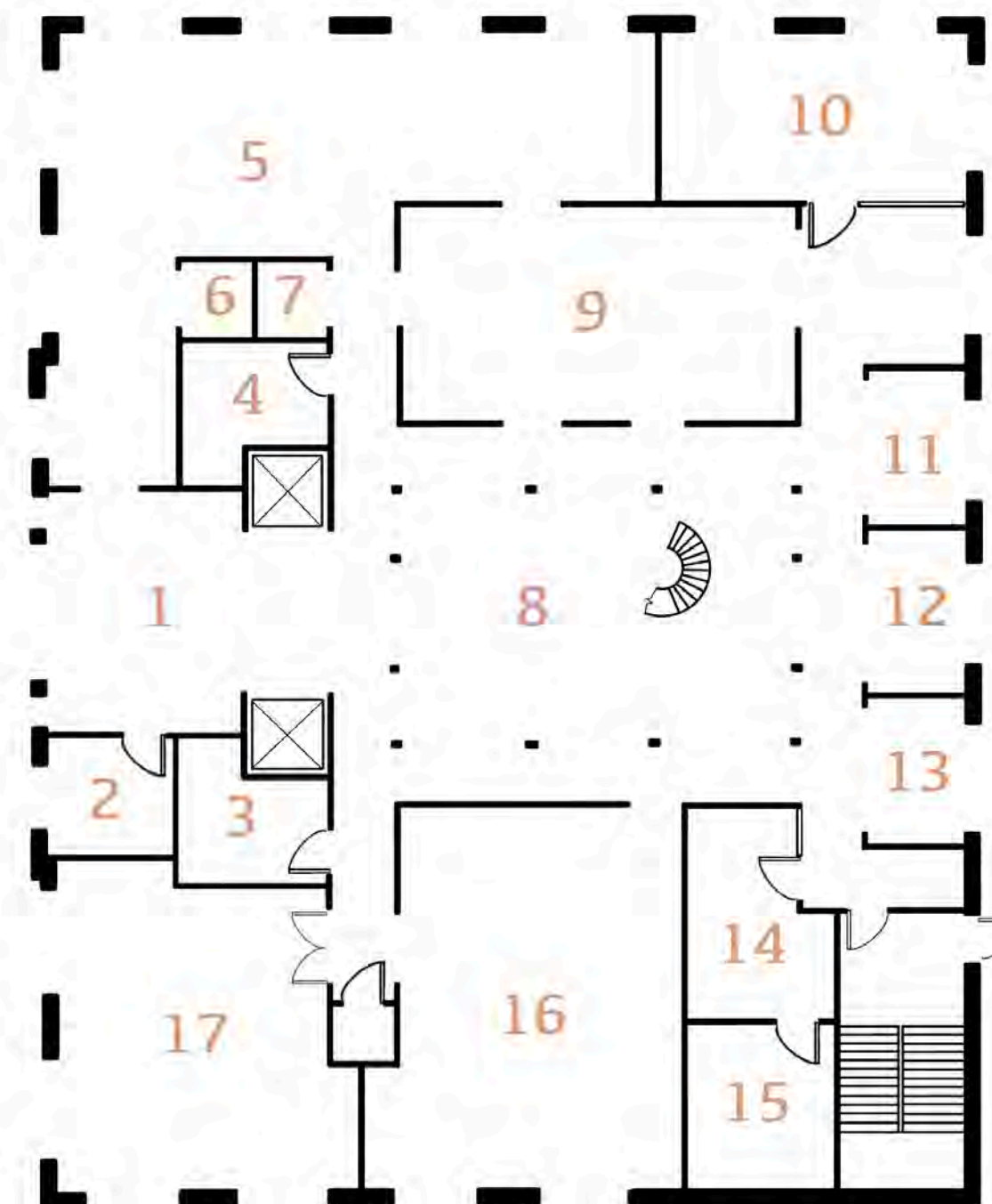


Benjamin Moore
Bed of Furs 1511

Schematic Floor Plan

Program:

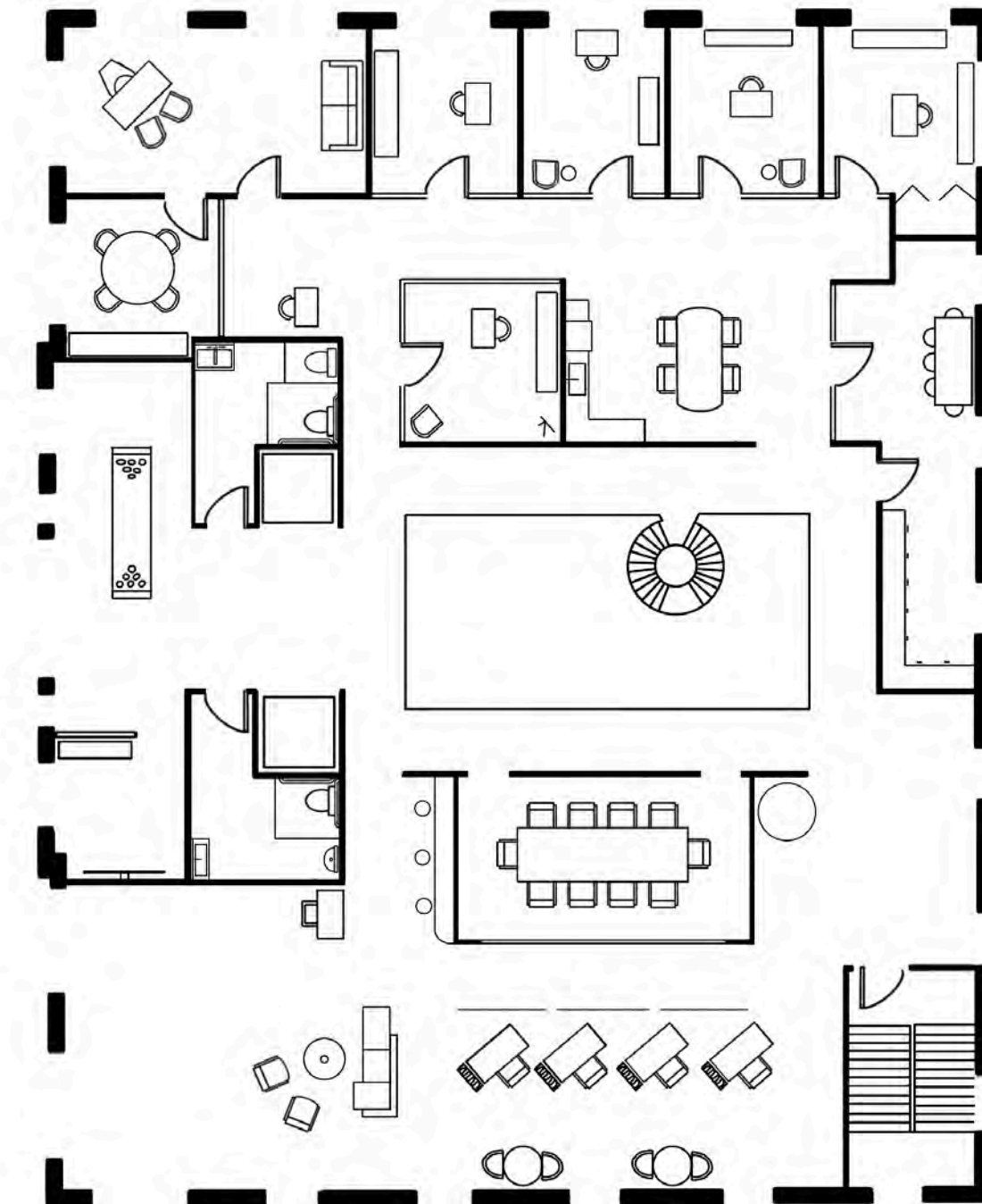
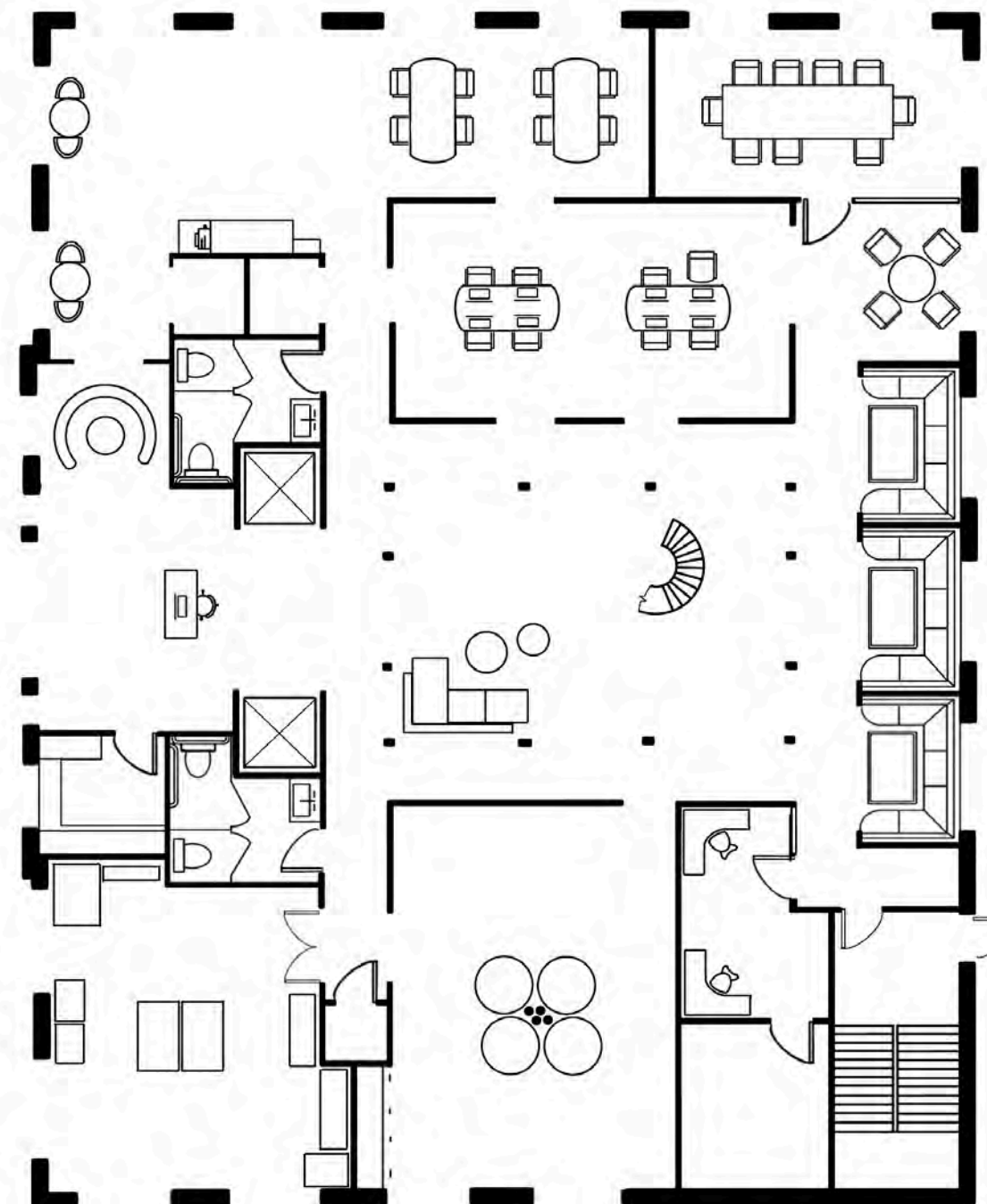
- 1 : Reception
- 2 : Mail Room
- 3 , 19 : Men's Restroom
- 4 , 18 : Women's Restroom
- 5 : Espresso Station & Cafe
- 6 , 7 : Recharge Rooms
- 8 : Central Gathering Hall
- 9 : Technology Lab
- 10 : Large Conference Room
- 11 , 12 , 13 : Focus Booths
- 14 : I.T. Office
- 15 : Server Room
- 16 , 30 : Workstations
- 17 : Maker's Space
- 20 : Recreation and Gaming
- 21 : Executive Office
- 22 : Executive Conference Room
- 23 , 24 , 25 , 26 : Architect / Designer Offices
- 27 : Accounting Office and Records
- 28 : Employee Kitchen
- 29 : Material Library





Notable Furniture Selections

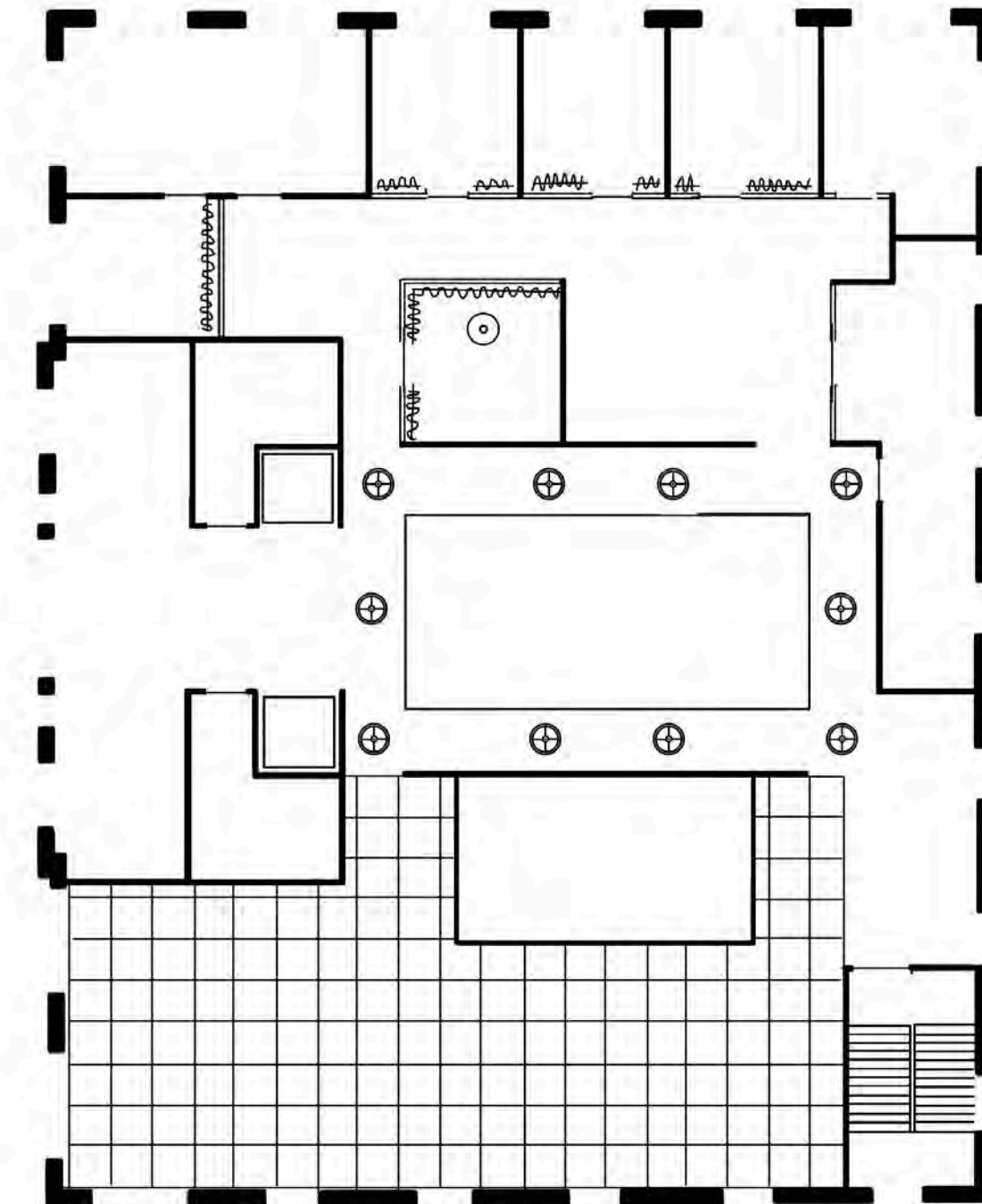
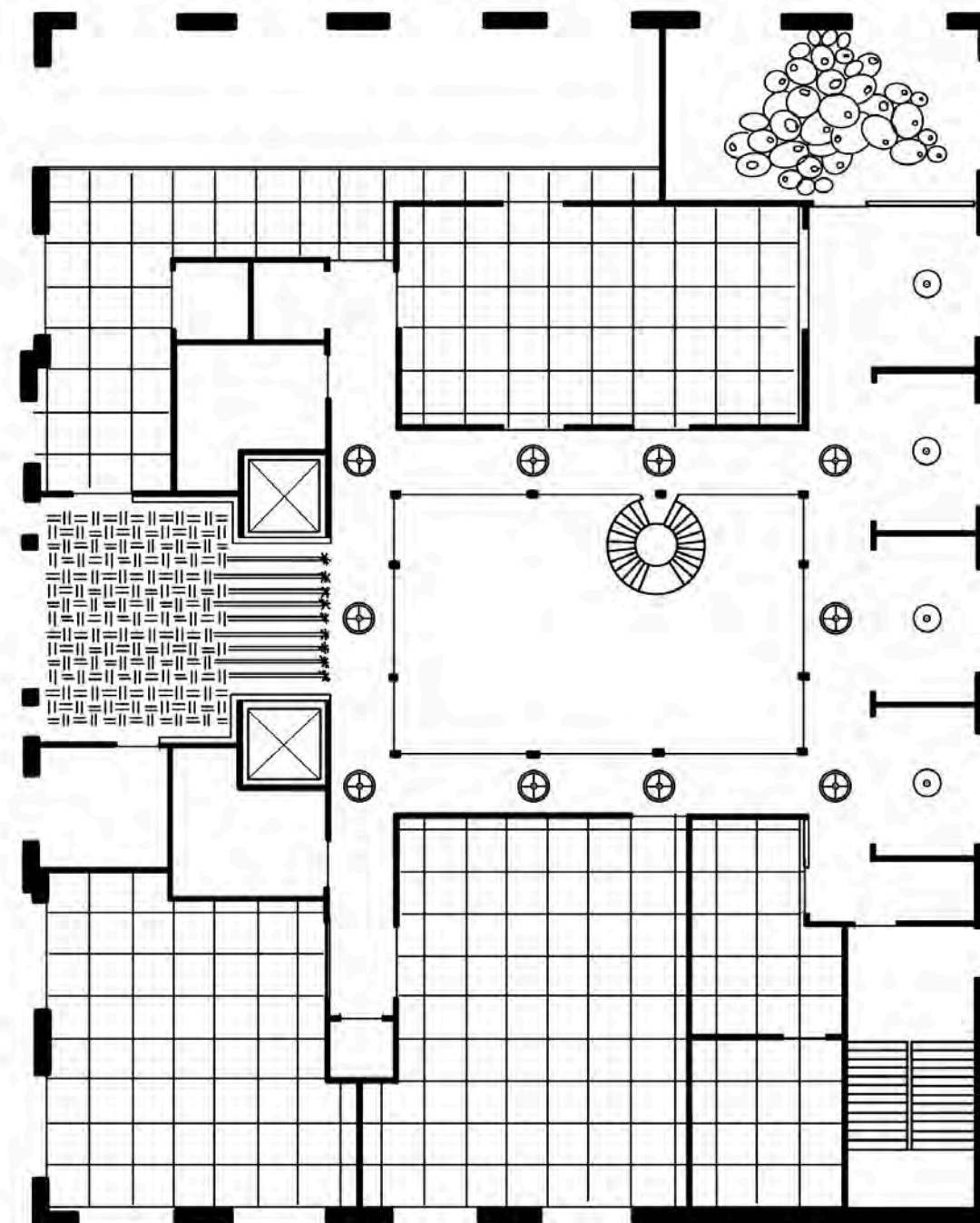
Schematic Furniture Plan





Possible Lighting Selections

Schematic RCP



Sections portraying
verticality

Vertical features connecting the first
and second floors outlined in black

Visualizing possible architectural
features, such as beams and screens,
in background

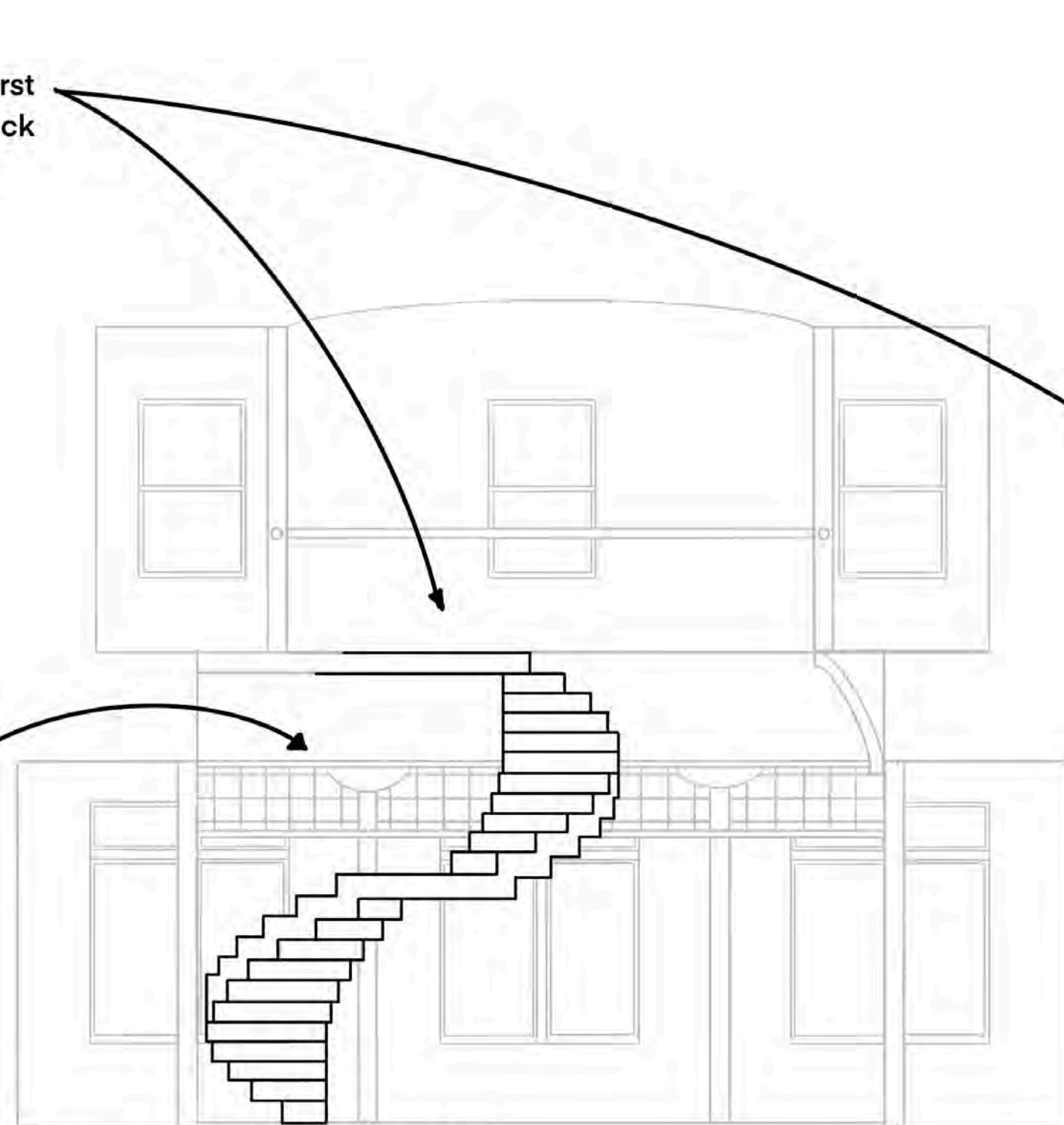


Fig. 1 : spiral stairway in gathering hall

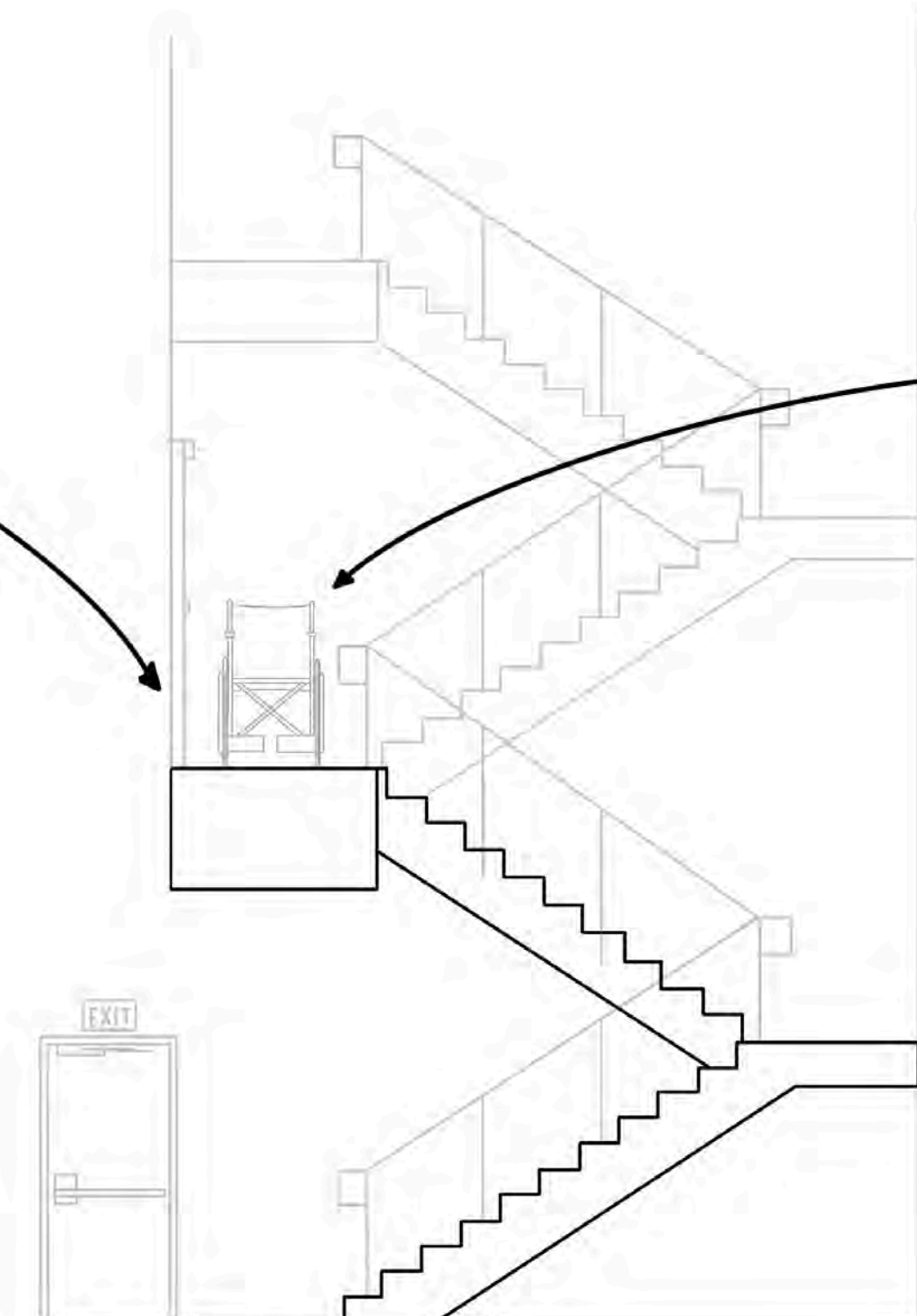
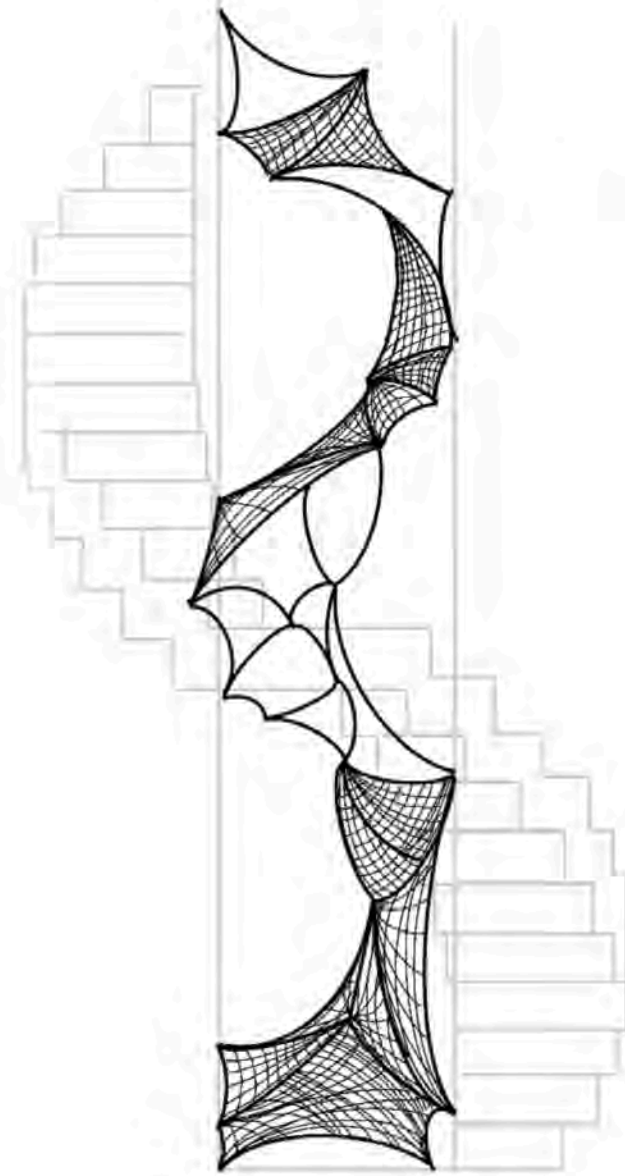
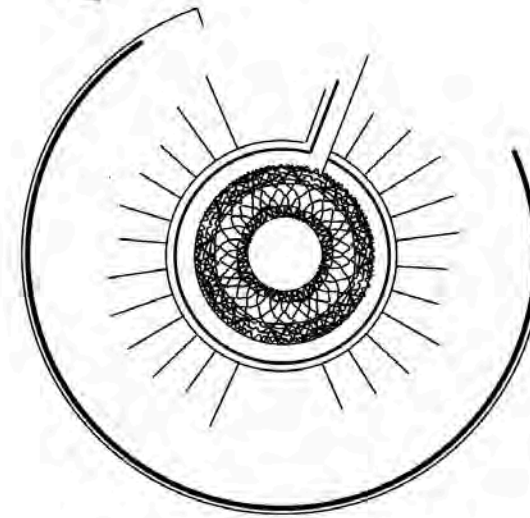


Fig. 2 : Fire Stair

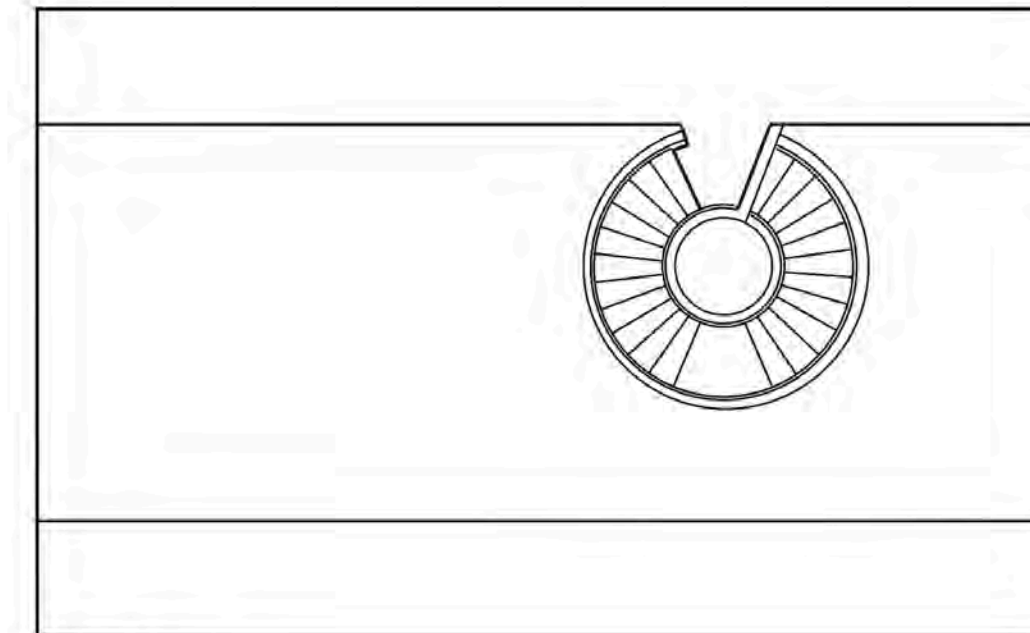
Allotted space for ADA shelter in place
represented by wheelchair

Experiential Sketch of Stairway Installation

Aerial view of textile installation inside the spiral stairs

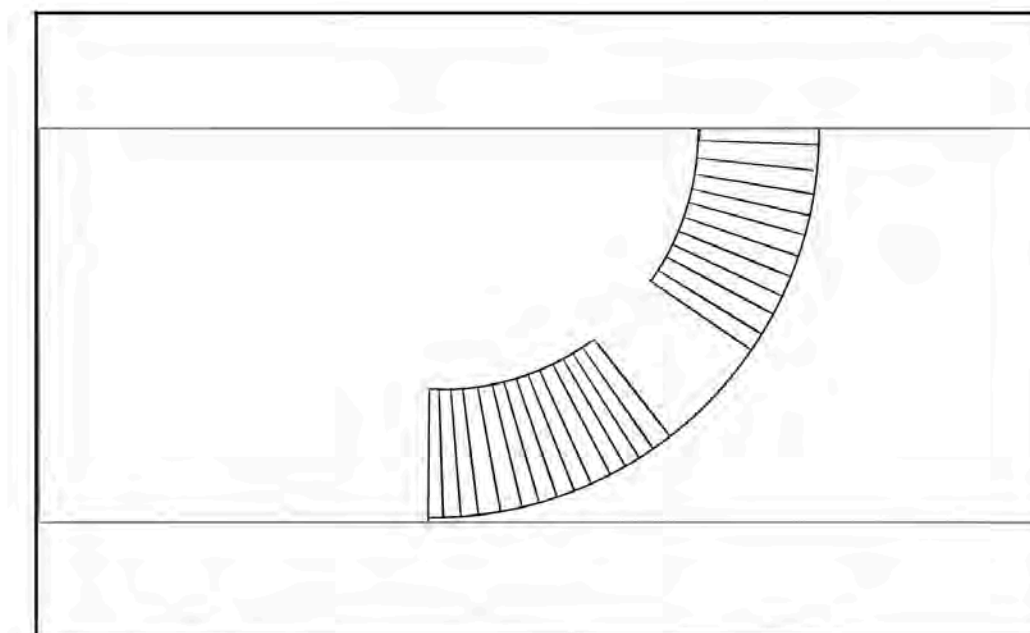


Side view of stairway detailing possible form
and materiality : netting.



Option A

Sketches of 2 possible stairs in the gathering hall

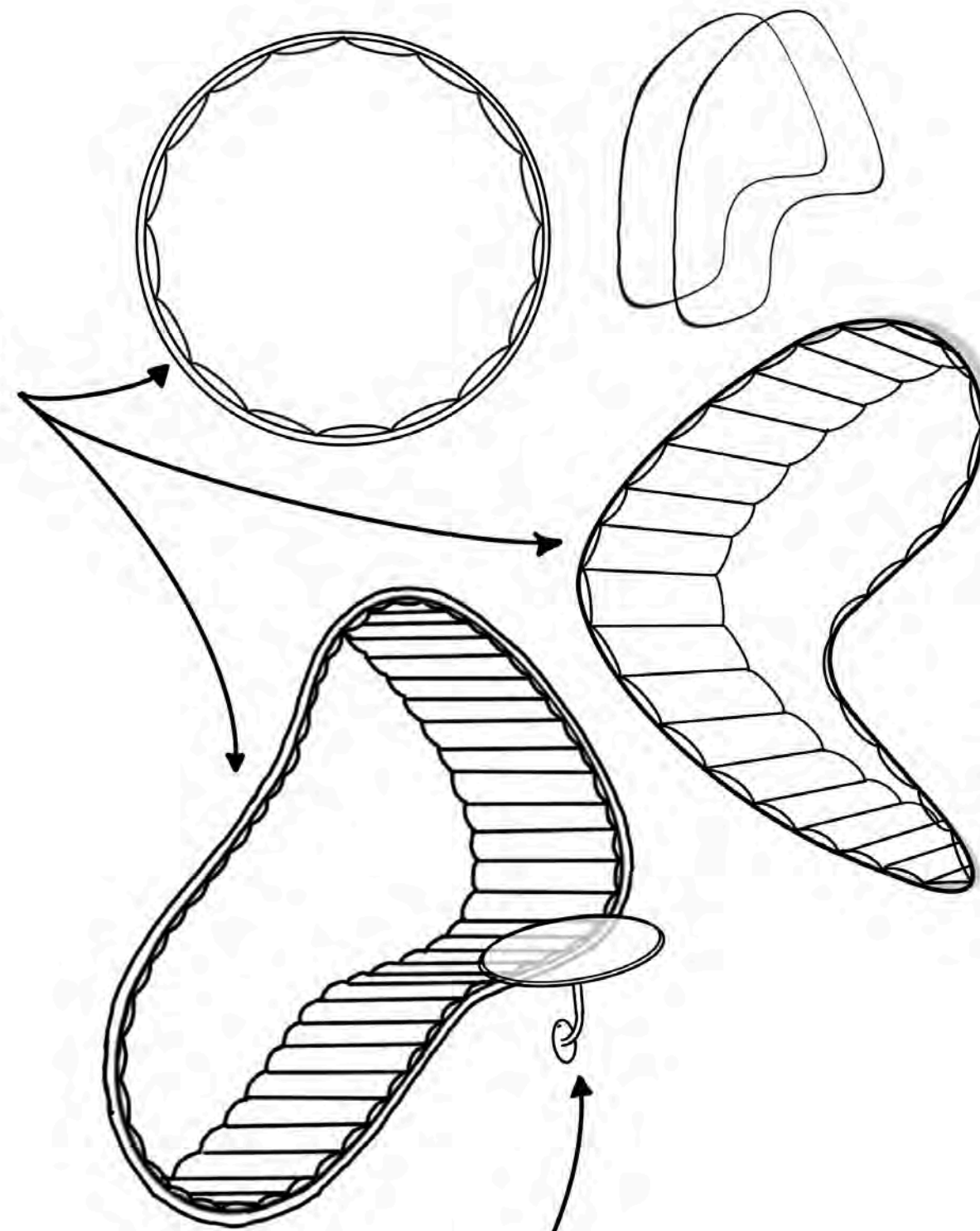


Option B

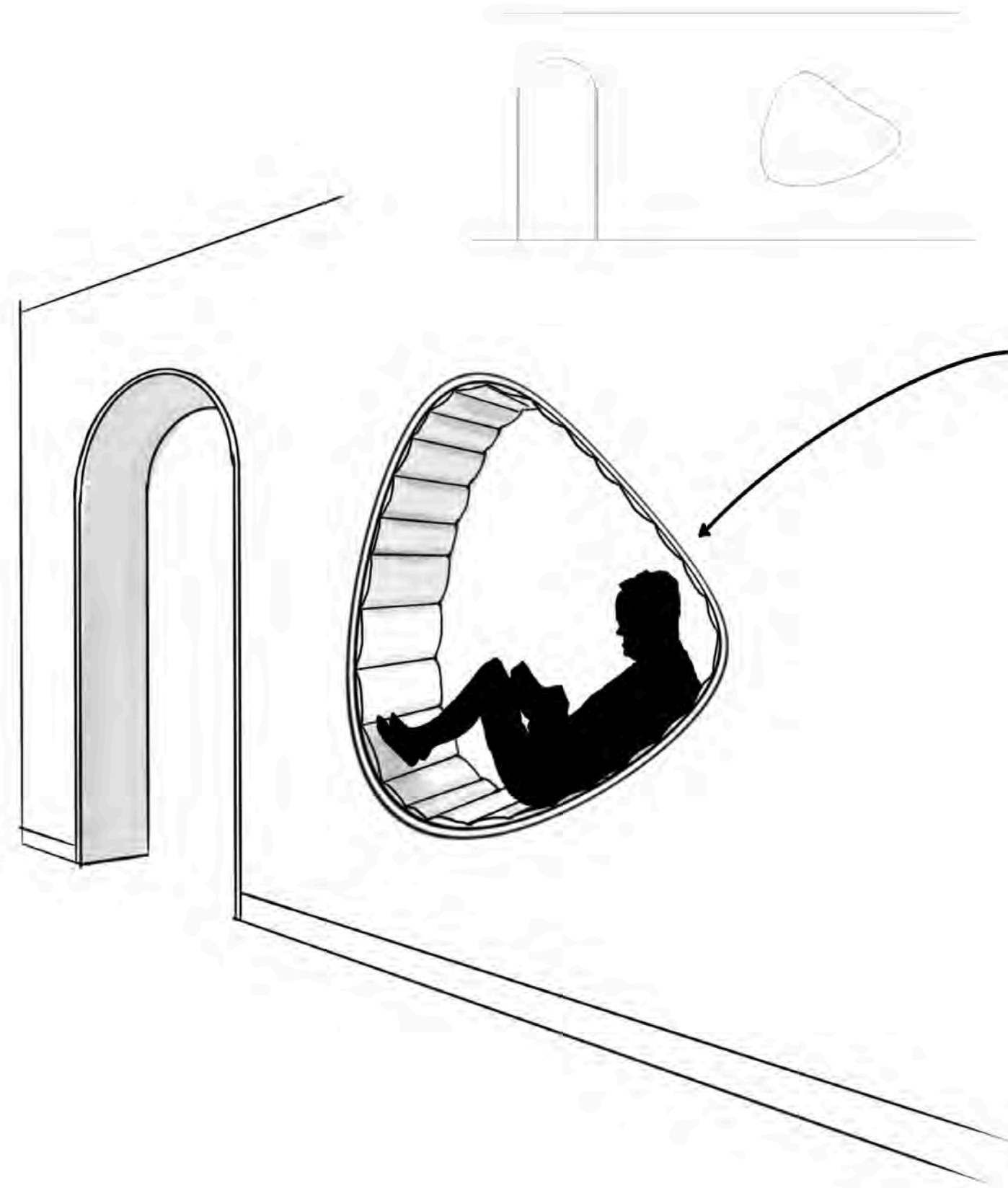
"B" — backup option

Experiential Sketch of Focus / Safety / Nap Nook

Can be achieved with various shapes and sizes; endless ergonomic possibilities.

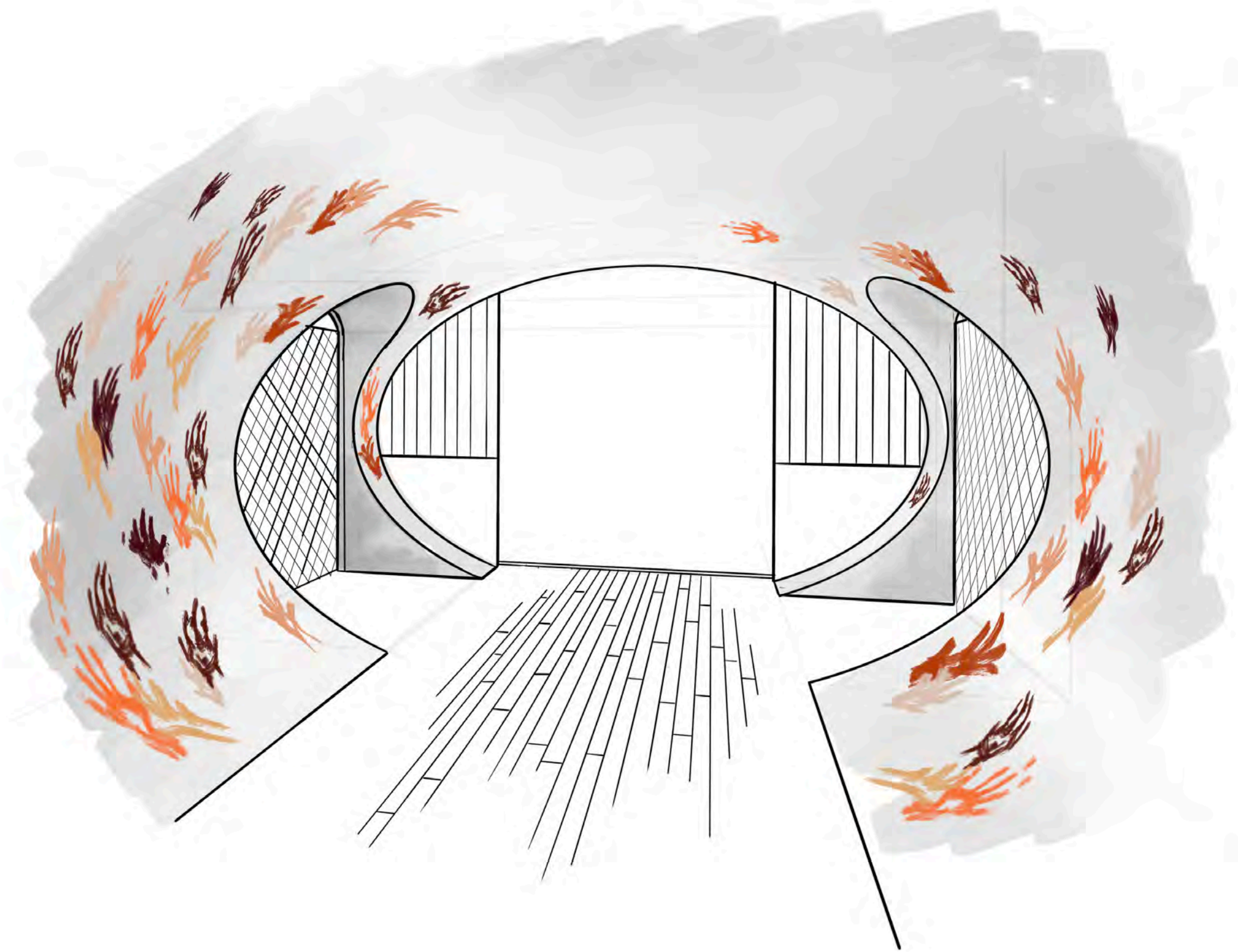


The addition of a side table can make these spaces encourage productivity, or it can just hold stuff.



Cushioned hole in the wall.

Experiential Sketch of Elevator Lobby Mural



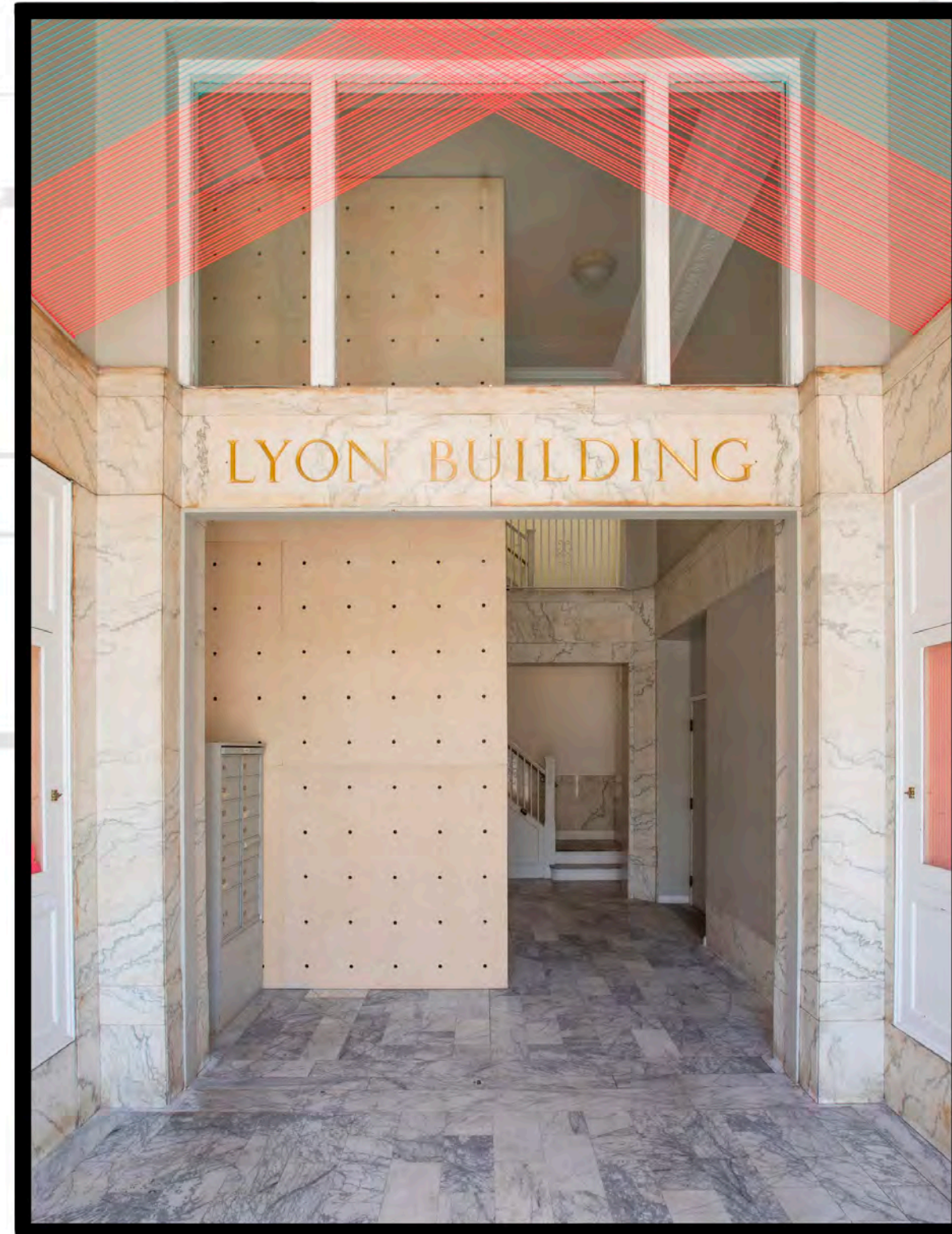


Phase 3 / Design Development

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Precedent Study



Enlisted Design

Oakland, California

INDS 320

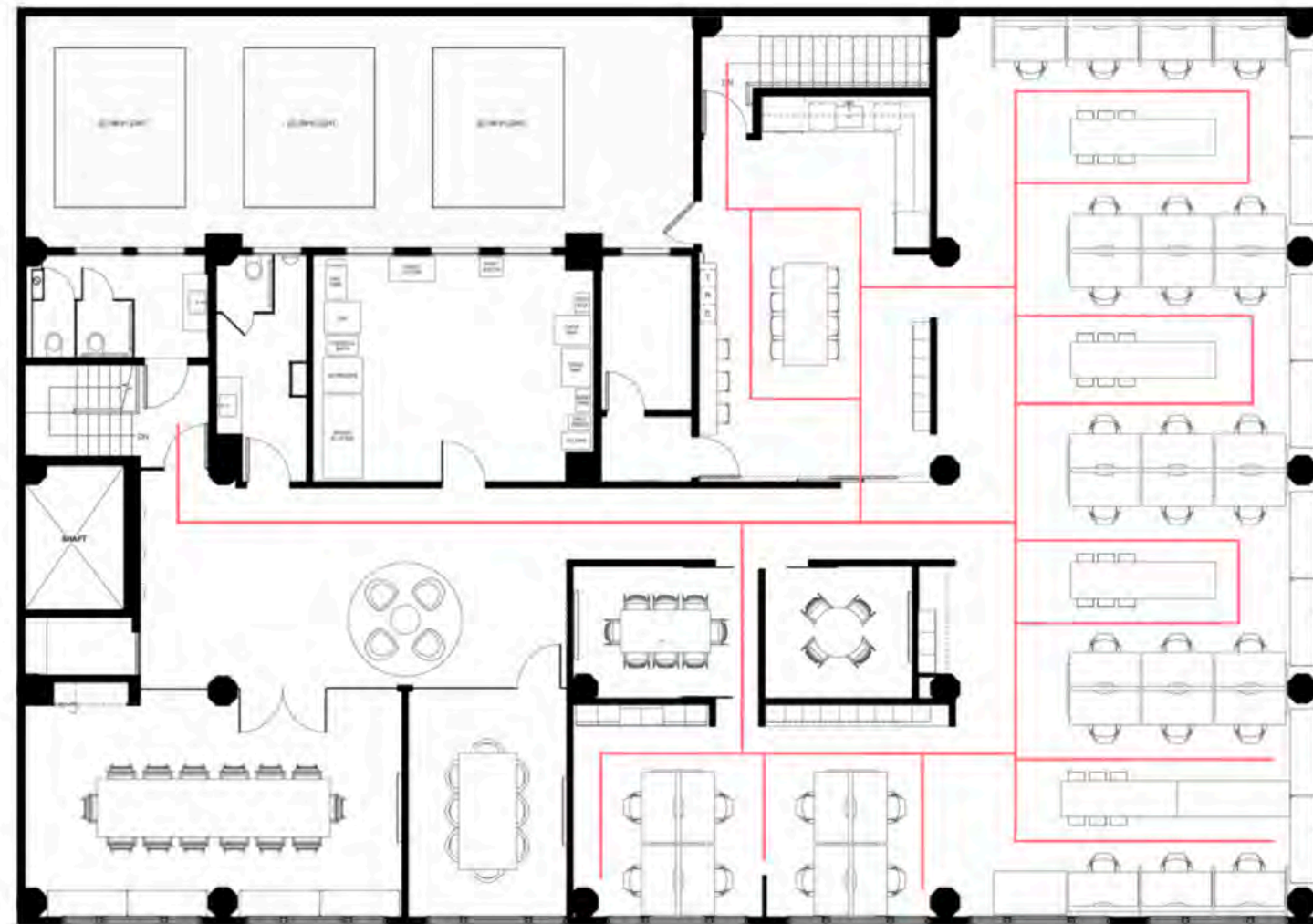
Levi Lanier

Professor Pidgeon

Precedent Study

Circulation & Organization

As soon as the user enters the workspace, they are led straight through the reception area, passing all the private meeting spaces. The end of the hallway leads to the open office. The circulation of the office is laid out in a grid, allowing for easy travel.



Spatial Relationships

- Open Spaces
- Closed Spaces
- Informal Space
- Formal Space
- Private Space
- Public Space



Most spaces in this workplace are clustered together with other similar spaces: all the formal spaces are an earshot away from each other. Alternatively, each space is adjacent to a space which serves another purpose: the open & public kitchenette across from the closed & private focus rooms.



Fons et Origo

/fānz et ō'rigō/

Taking inspiration from the primeval connection between human creativity / ingenuity and the natural world, the application of organic forms and the incorporation of earthy tones will be used to create an intrinsically calming yet stimulating space that will harken back to the root of humanity.

Concept Application

A great way to dissect and view the concept through the lenses of the philosophy known as wabi-sabi.

Wabi-sabi is the thought of finding **beauty in every aspect of imperfection** in nature. It is the aesthetic of things in existence, which are “imperfect, impermanent, and incomplete”.

— A set of **natural materials** and **un-dyed fabrics** are key aspects of a wabi-sabi space, such as jute, linen, reclaimed wood and timber.

— **Earthy and muted colors** are the main palette behind a wabi-sabi inspired space. A balance between browns, greys, beiges, and greens.

— **Crafted and handmade pieces** such as woven rugs and ceramics are key decorative elements, **chosen for their meaning and history**.

Other important themes explored in this space include the architecture of humanism, the democraticatization of design, and design equity.

Final Plans



First Floor Plan

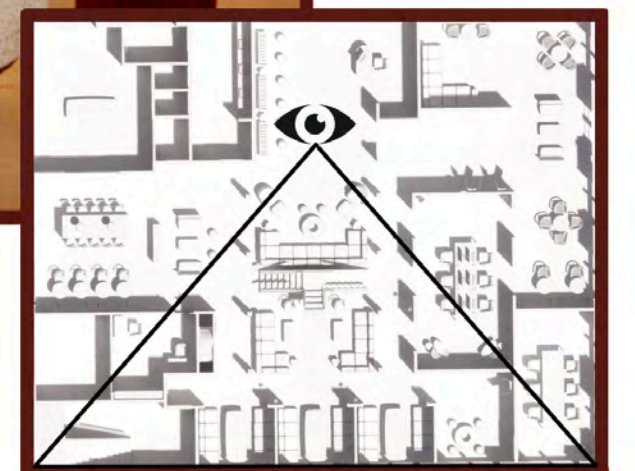


Second Floor Plan

“A Space For All”



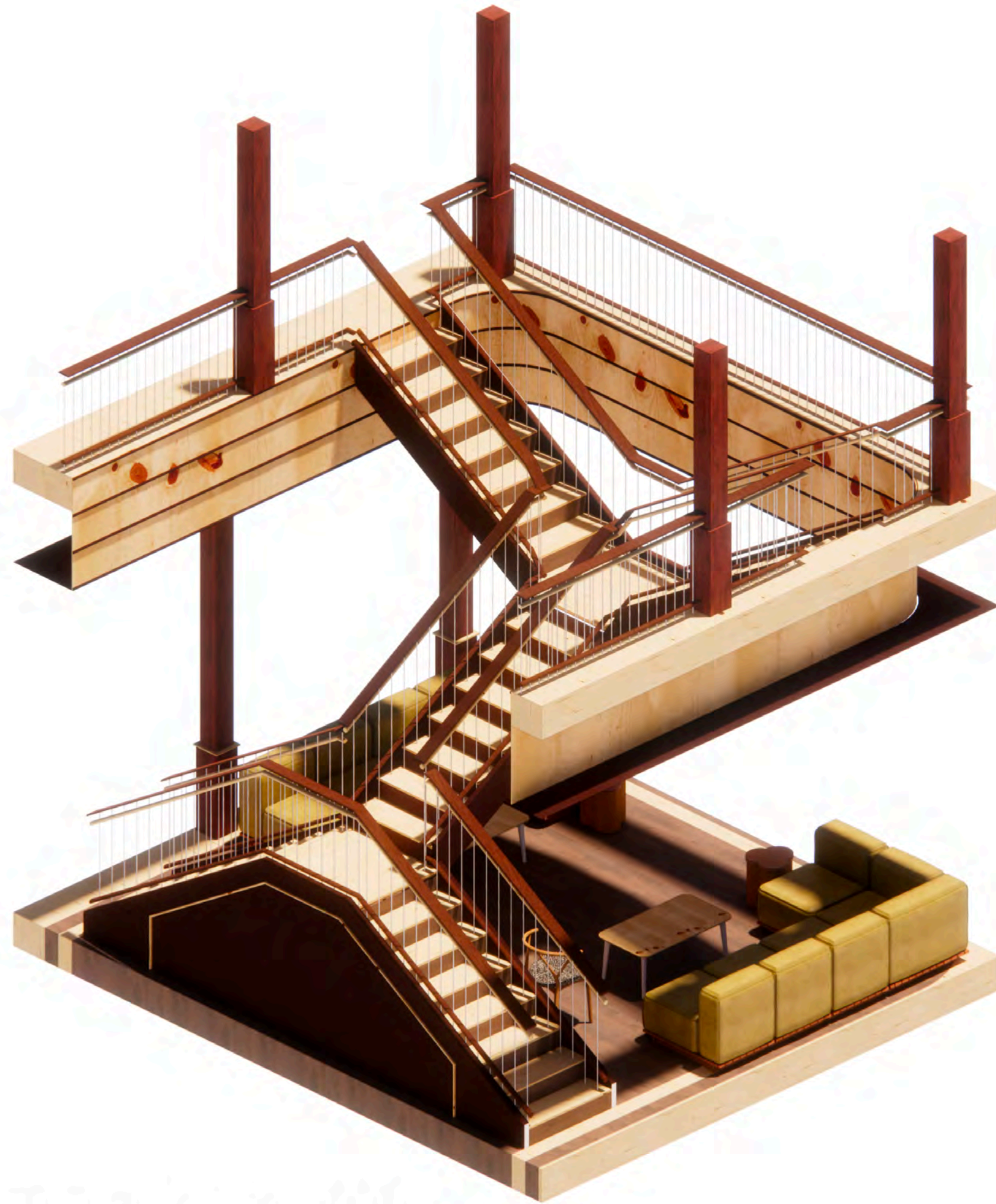
Central Gathering Hall



First Floor Plan



“A Space for All”



Isometric View of Staircase

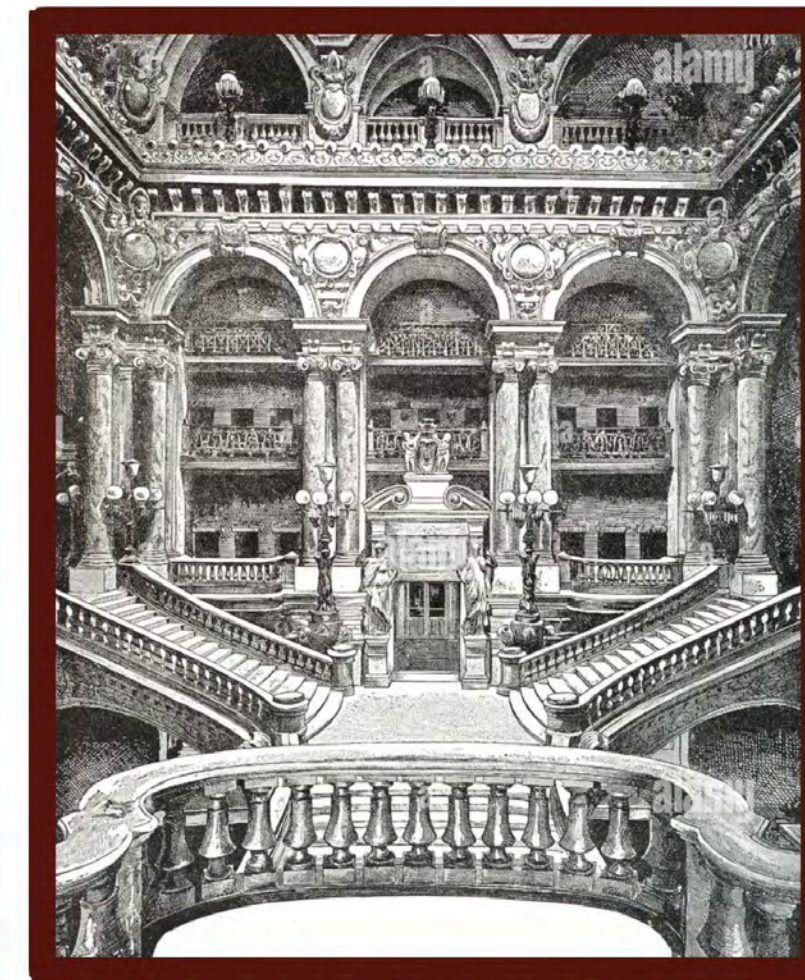
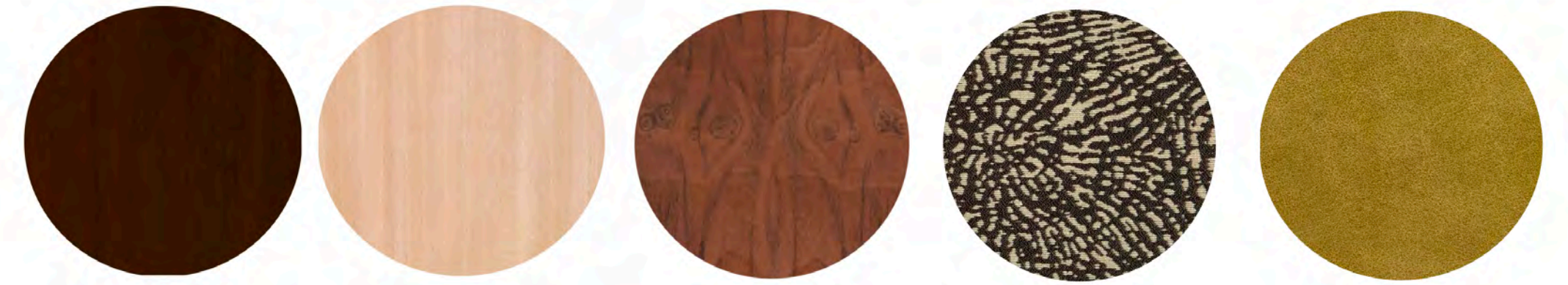
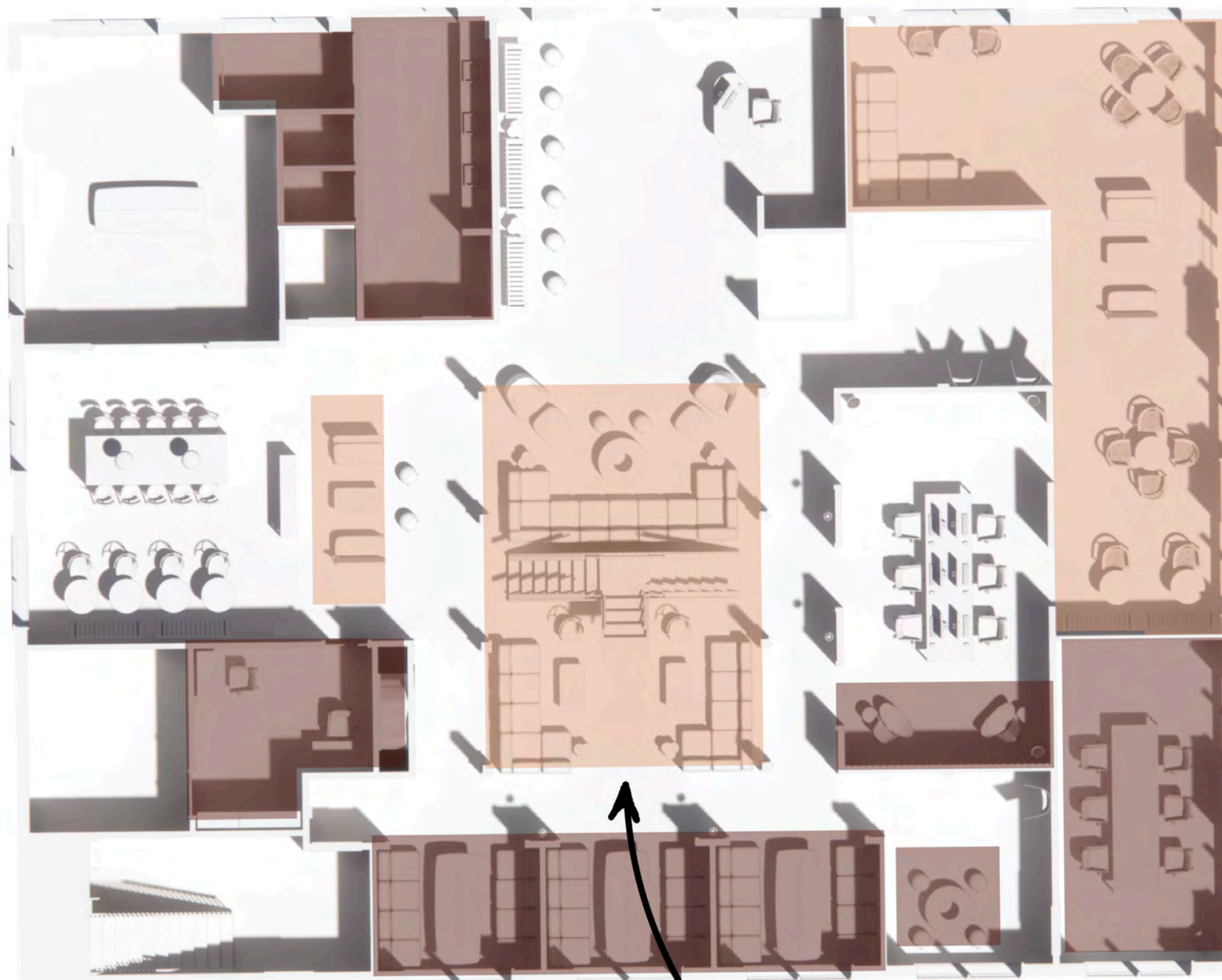


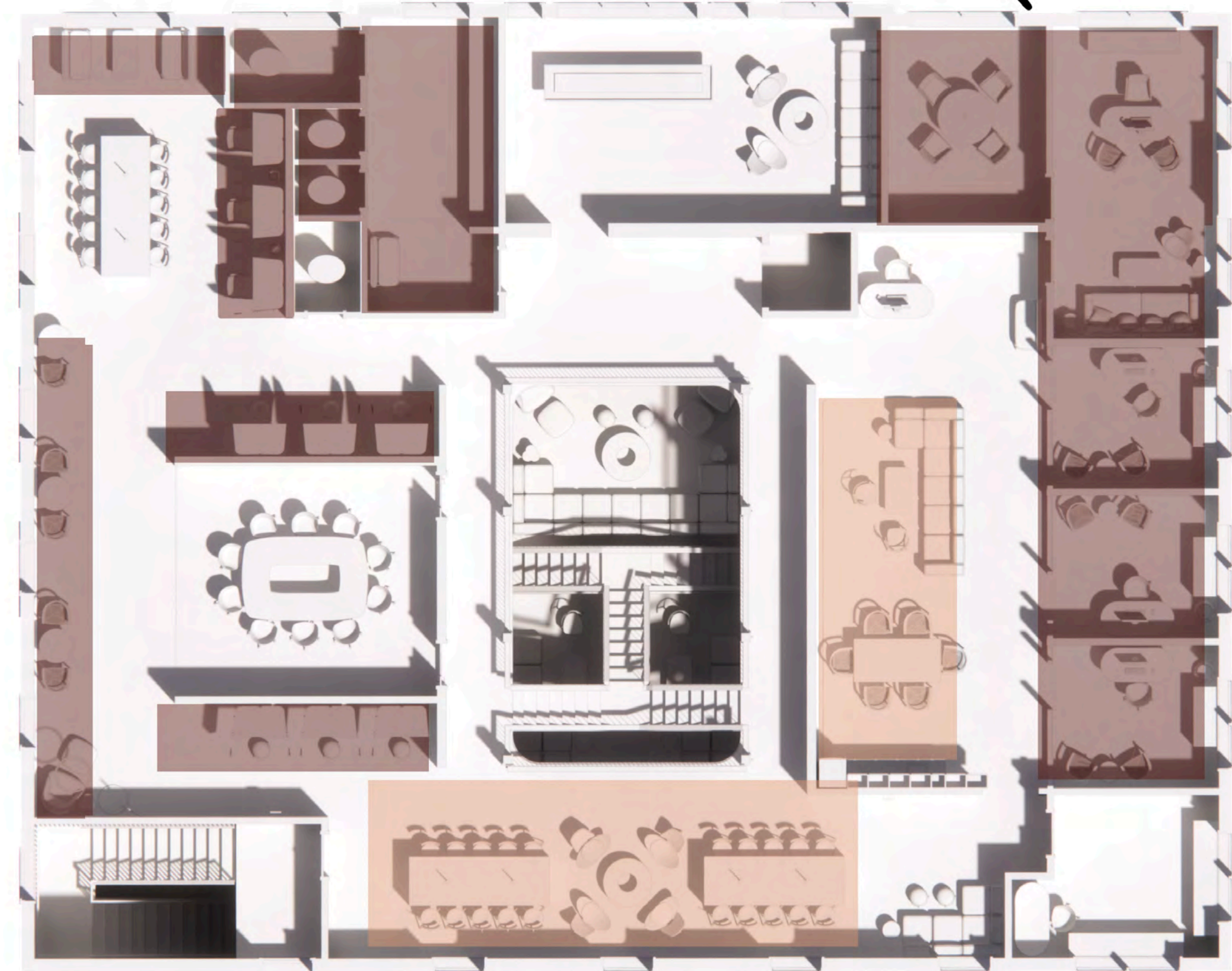
Illustration of Palais Garnier

Public v. Private Spaces

Private spaces primarily condensed towards the exterior of the site



First Floor Plan

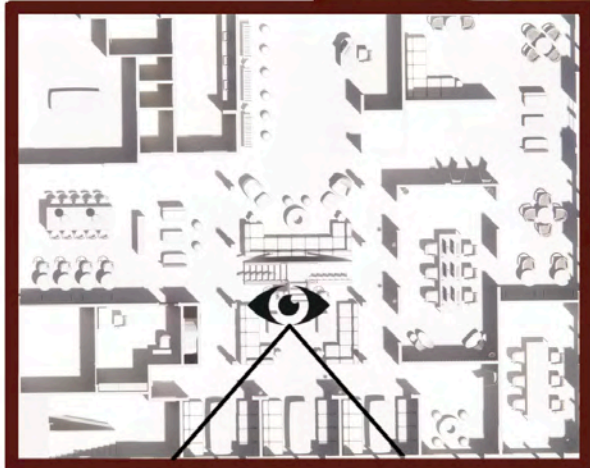


Second Floor Plan

Public spaces primarily condensed towards the center of the site

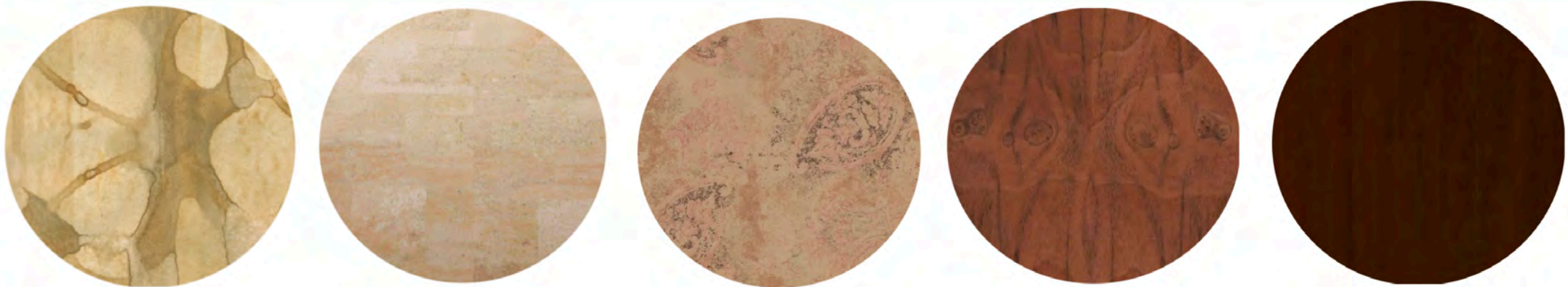
Public Space
Private Space

“Transparency of Experience”



First Floor Plan

Elevation of Study Rooms



“A knook in a Wall”

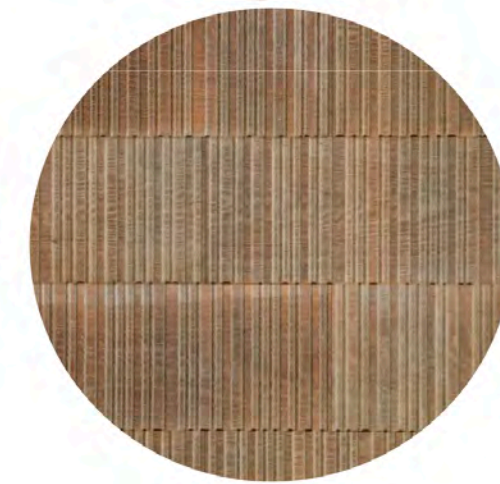
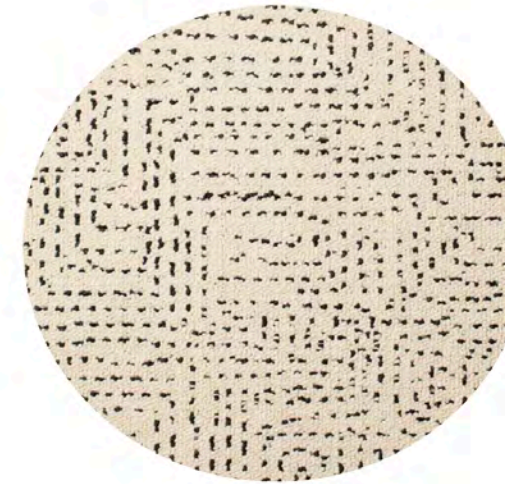
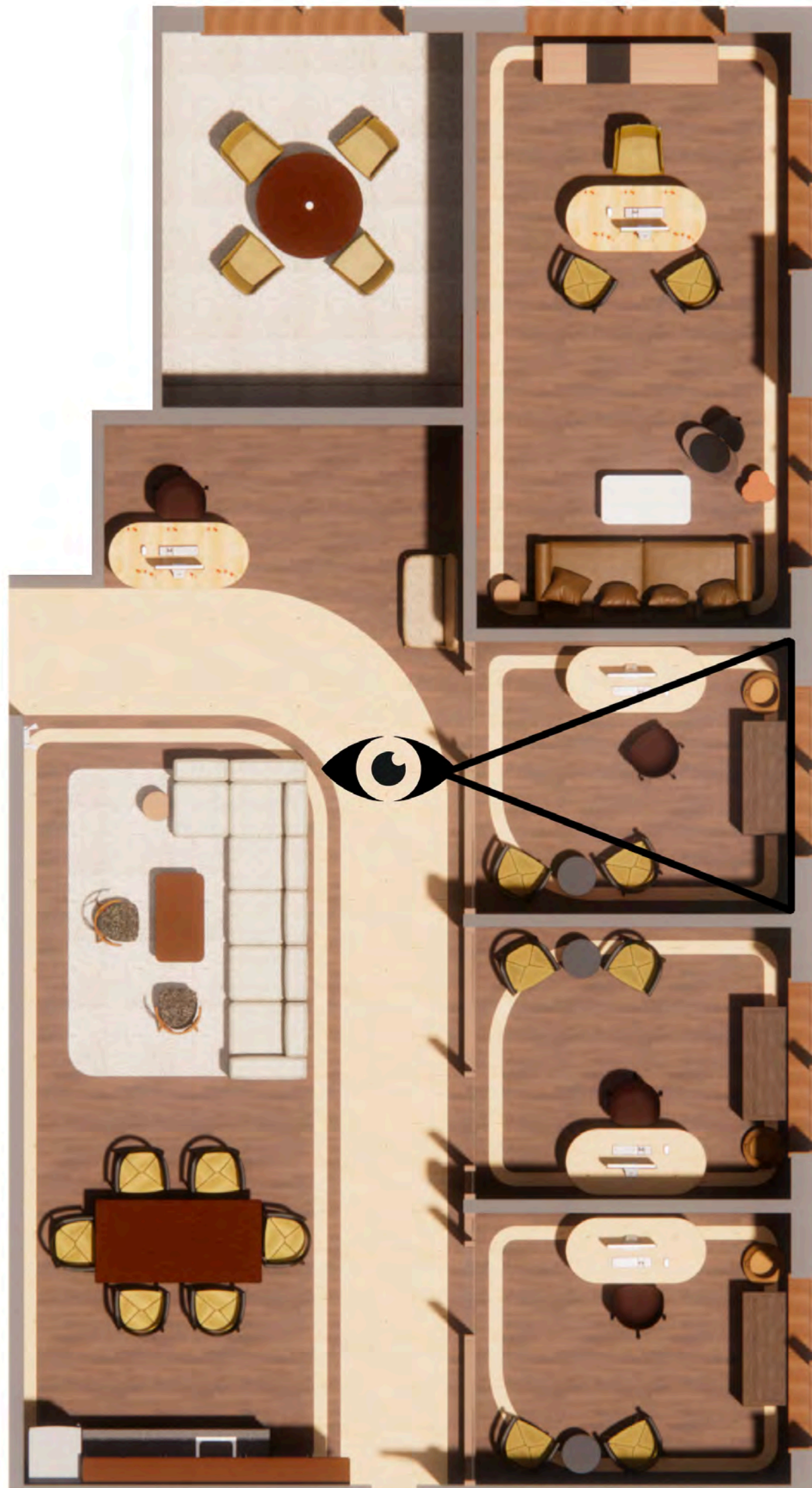


Elevation of Custom Furniture Installation

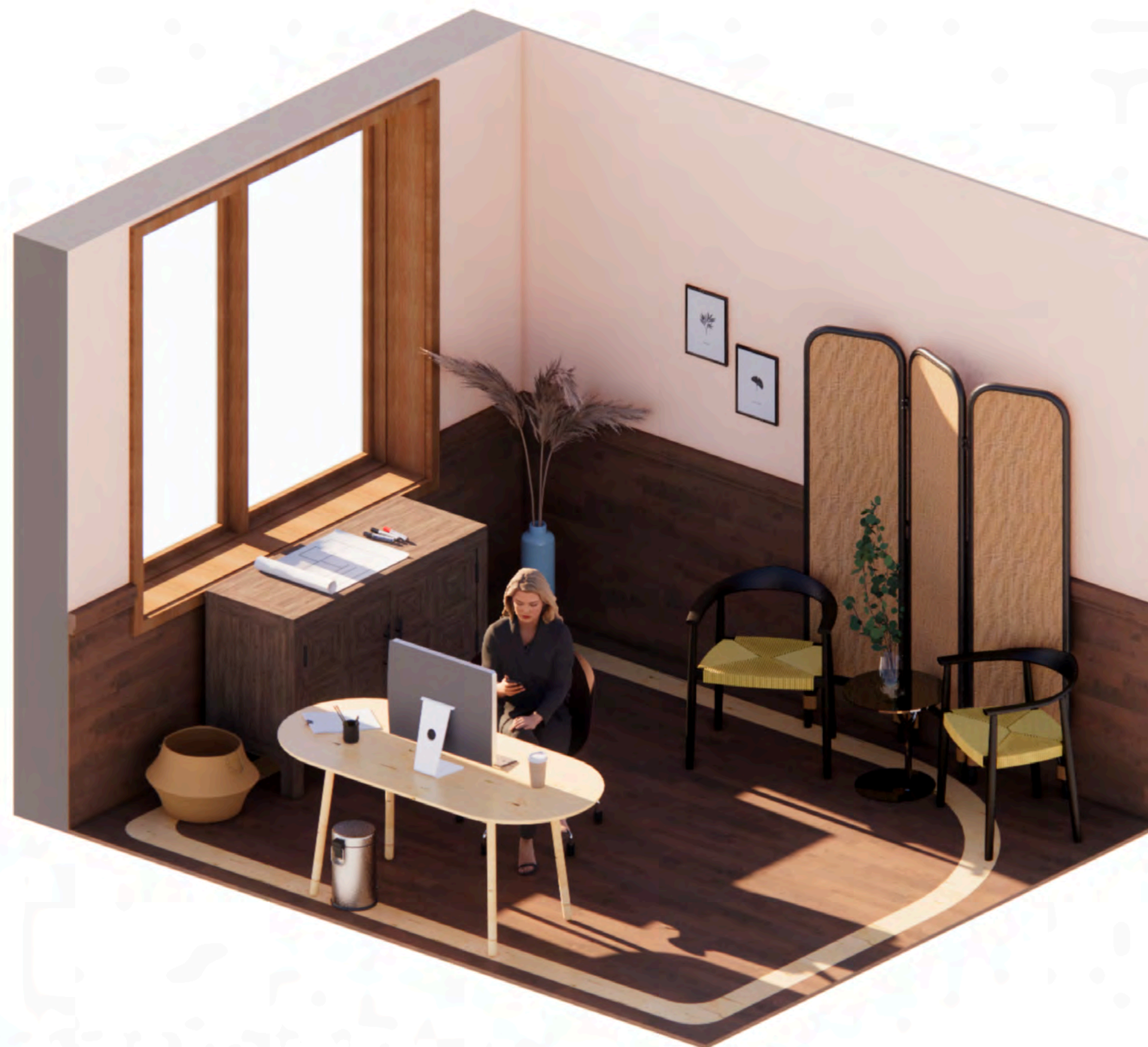


Original concept sketches

“In The Birdhouse”



“In The Birdhouse”



Isometric View of Birdhouse Architecture Firm Office

Birdhouse Architecture Firm Office

“In The Birdhouse”



- Collaborative
- Social
- Individual

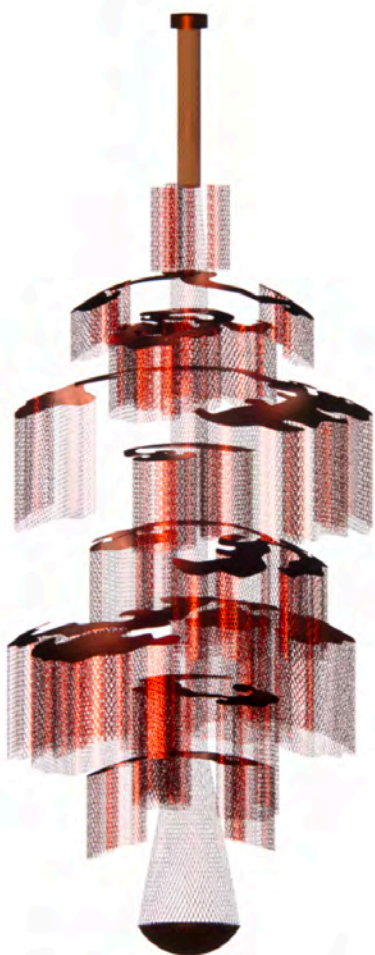
Spaces for social, collaborative, and individual activities are designated to cater to diverse work methods

Enlarged Plan of Birdhouse Architecture Firm

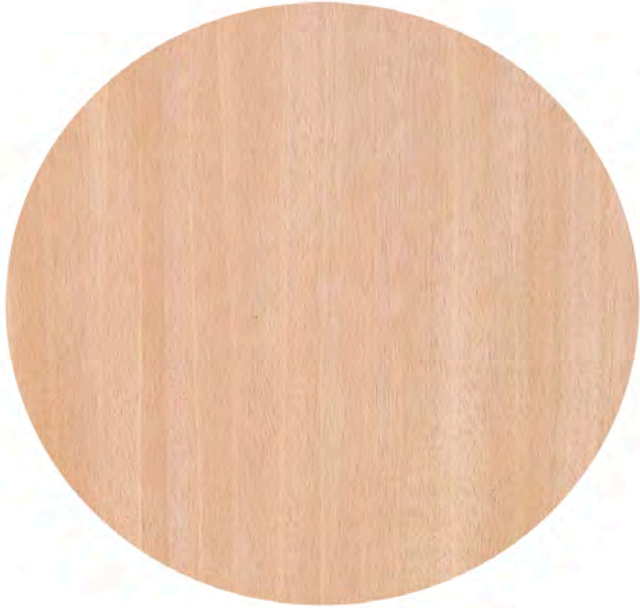
“Polytyptch”



Plan View of Ceiling Mural



Orthographic View of Chandelier

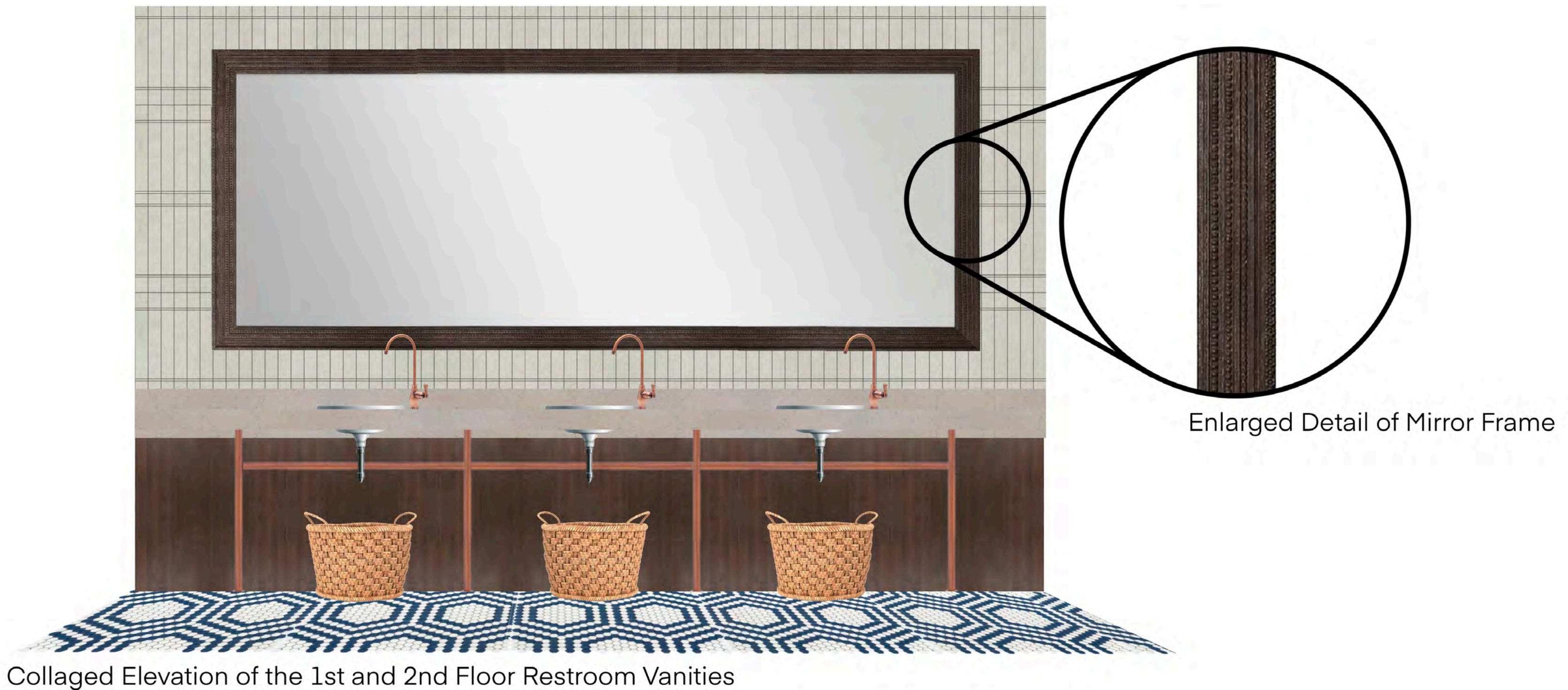


“Polytyptch”



Upwards View of Mural

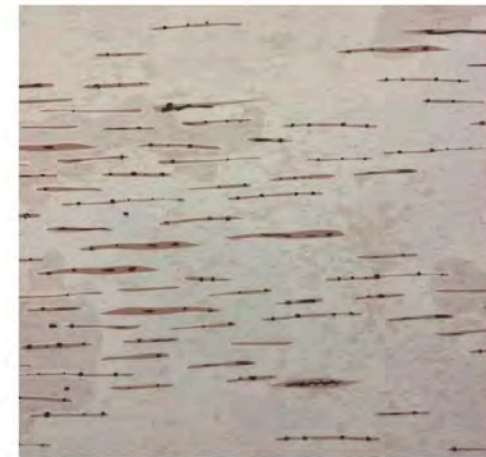
“True Neutrality: the Restroom”



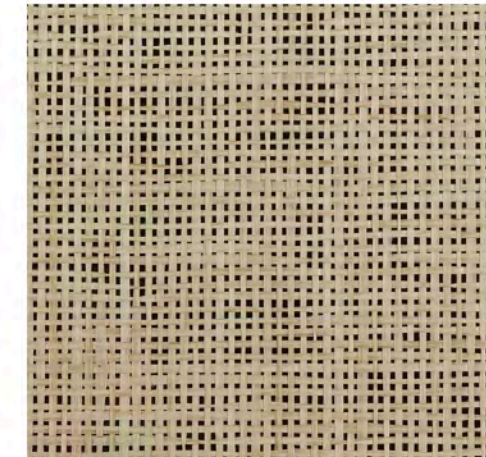
Acoustic Solutions



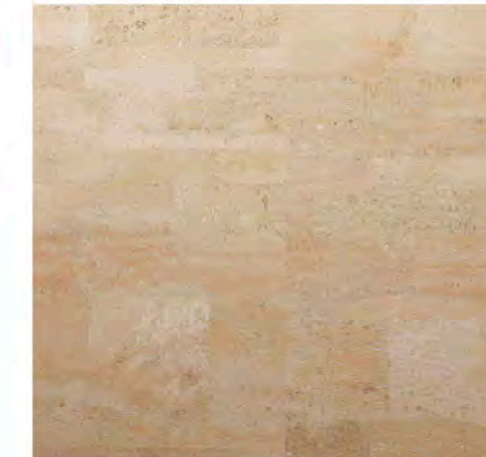
BuzziJet Lamp



Felt



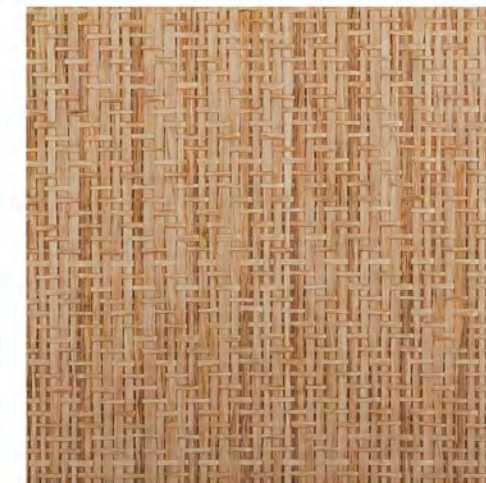
Grasscloth



Cork



Felt



Rattan



Acoustically Engineered Wood Panel

Three overlapping organic shapes in brown, blue, and orange colors. A dark red rectangular box with a thin white border is centered over the intersection of the shapes.

finis.