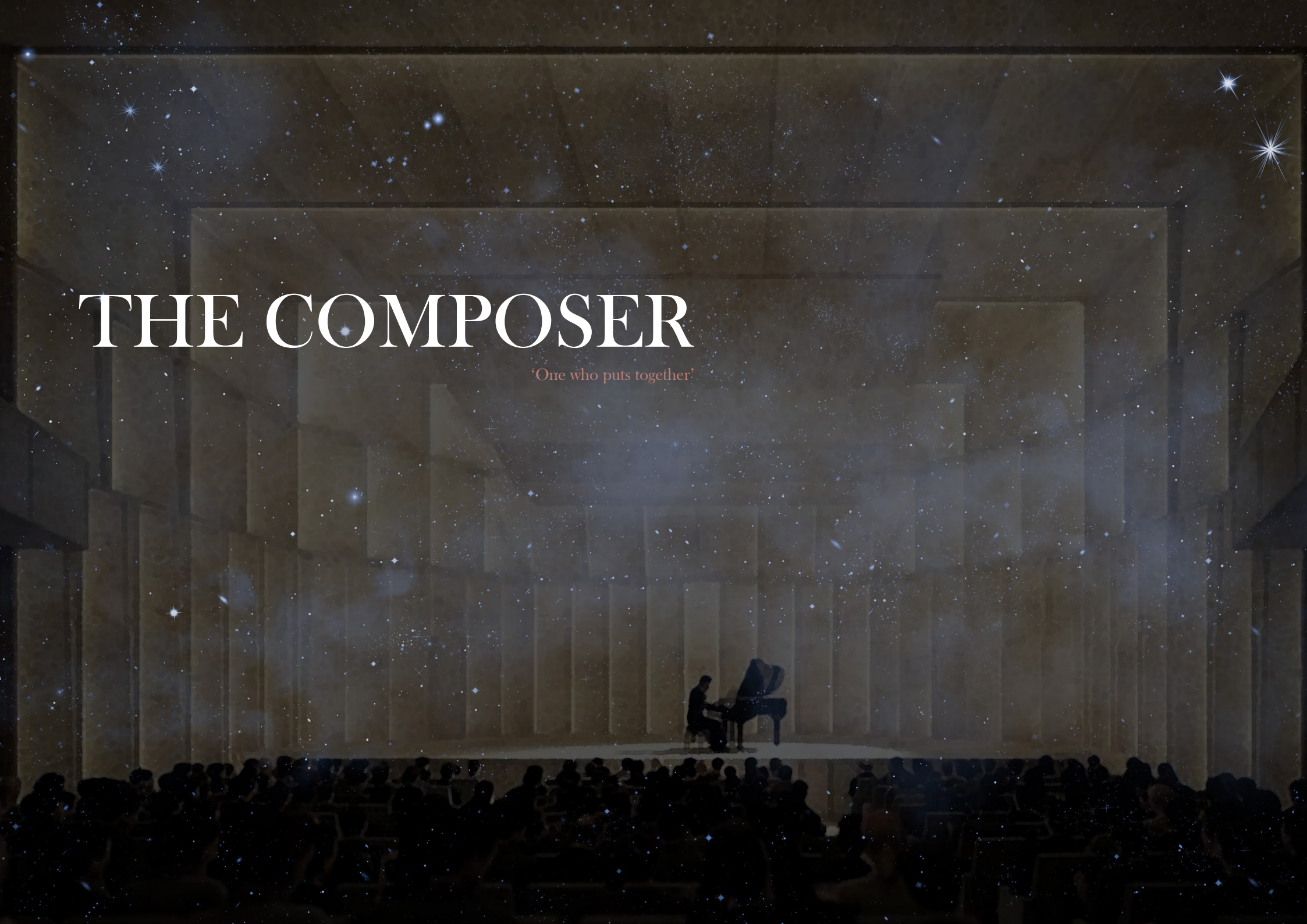


THE COMPOSER

'One who puts together'



The Co-Hab-Lab residential development comprises of several live-work units and provides communal facilities for the residents of the building. Each individual unit offers space for the resident to live and work and includes basic amenities.

This project is designed to suit the lifestyle and personality of the client, the composer and is influenced by the units setting & the qualities of the surrounding environment.

Highly influenced by sound and nature the project explores the ways in which material & formal elements can change the acoustic qualities of a space.

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THE COMPOSER

Client Profile

Wakes up late - Coffee mornings - Twilight work hours - Immersed into online, piano, music production collab work - Prepares communal lunches - Social interactions

Space to Include

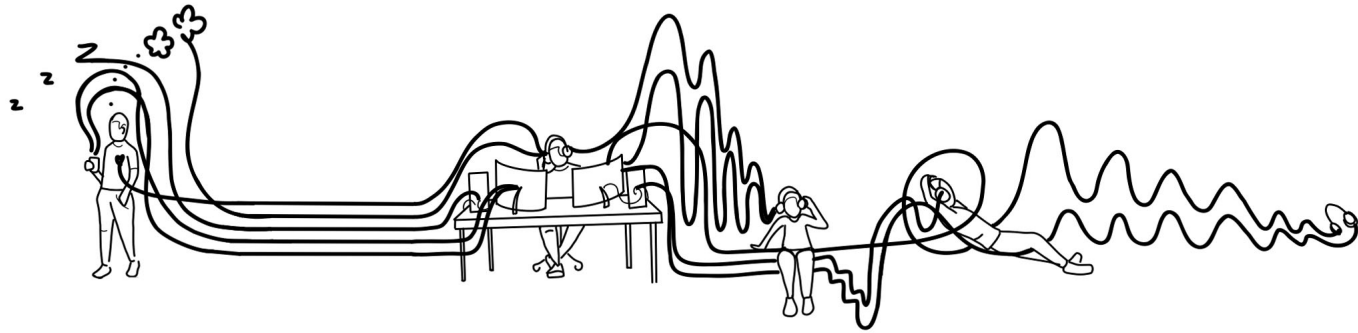
Desk, Chair and Computer System - Seating area - Bedroom - Bathroom - Small kitchenette - Winter gardern

Initital Thoughts

Life/work balance - Central Tech Desk - Music Library & Software - Uninterrupted Sea View - Dark Subspaces of Comfort - Lighting & Sound Soft & Absorbant

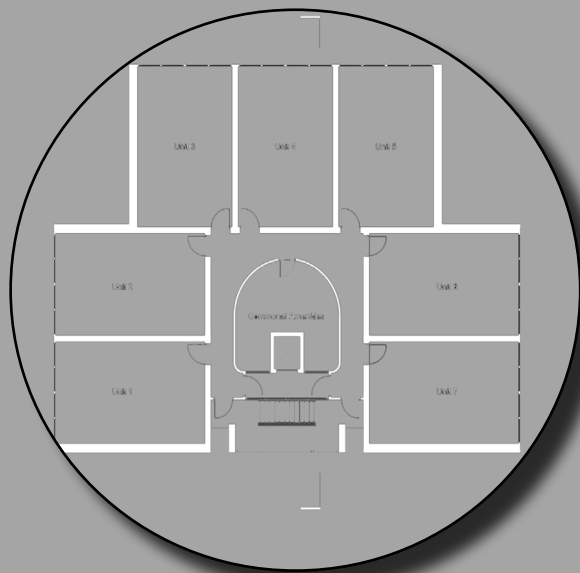
Research

Acoustic spaces - Sound Studies, Frequencies, Travel & Interactions - Natures Design - Material Studies - Technoglogy/Electronics - Diffusers/Amplifiers

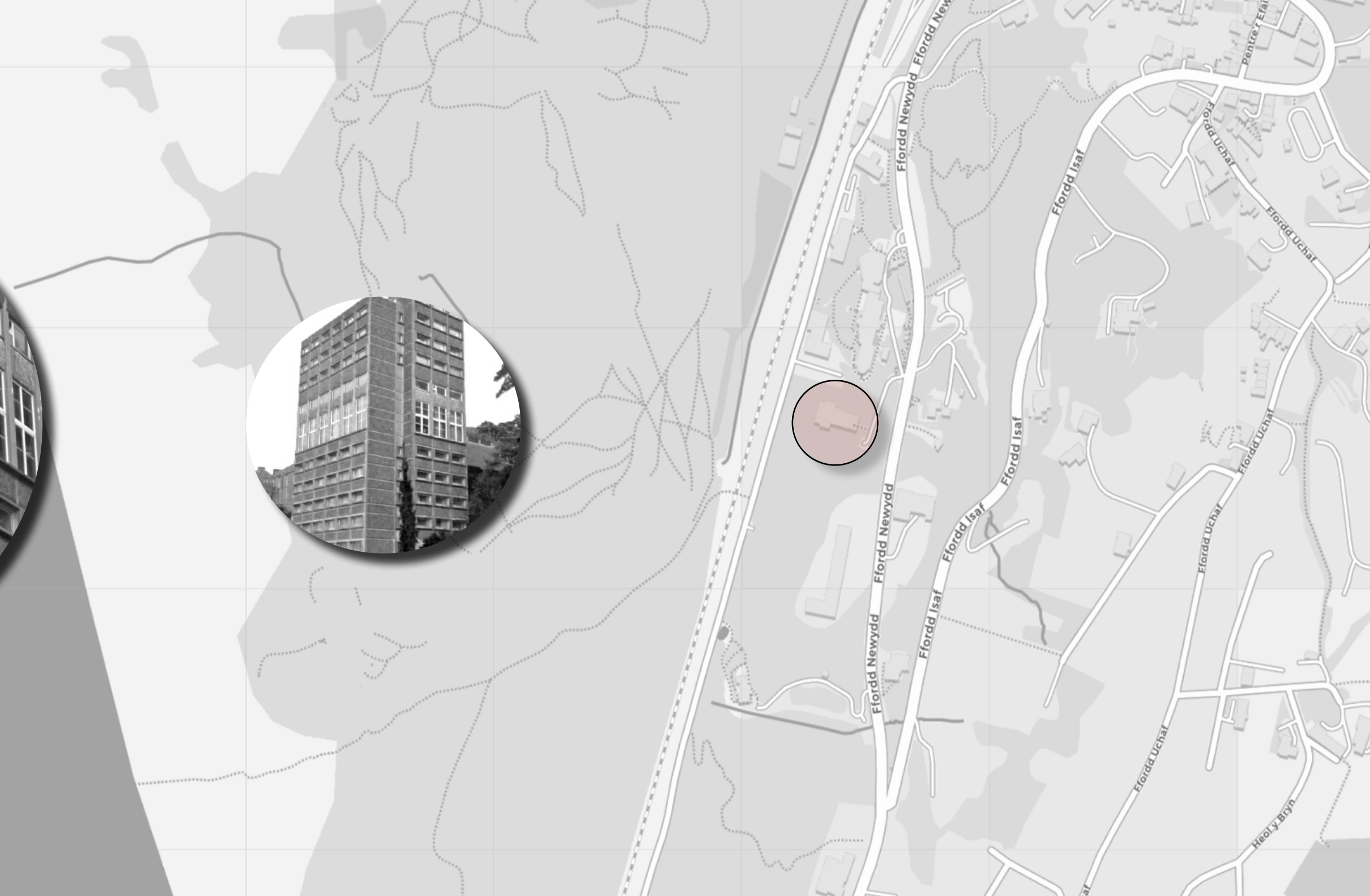


Sleep - Coffee - Work - Relax

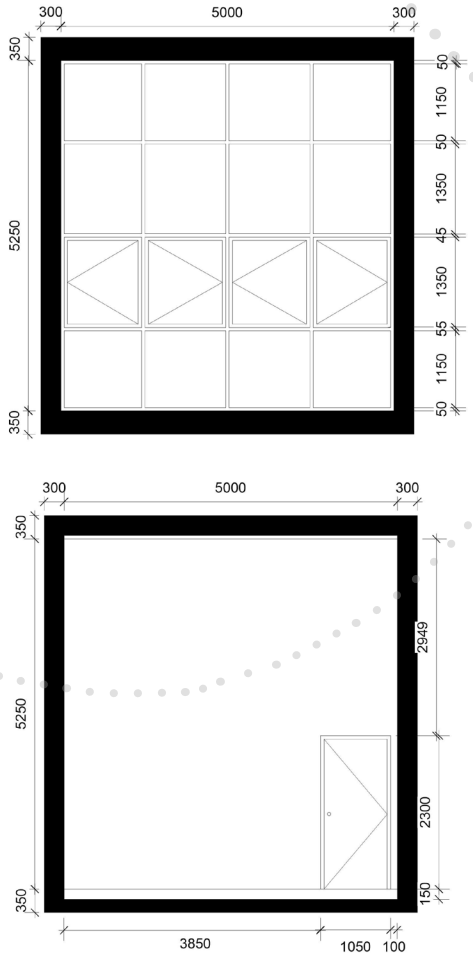
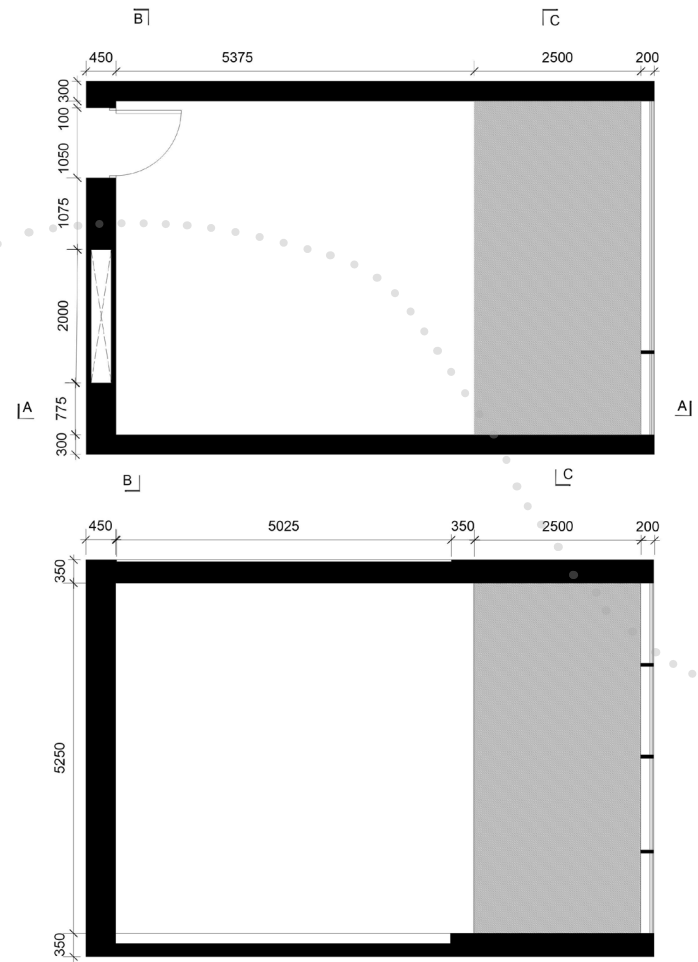
LOCATION



The Unit for 'The Composer' is based in the Costal- Co-Hab Building Located in Harlech, Wales.



EXISTING UNIT



- Winter Garden Area (To remain double height with no fixed elements)



Focal Point/Live Music/
Piano player/Traditional
composer

Light and shadow casting

Piano strings

Studio spaces

Modern day composer
work station

Unobstruced sea view

Composer artwork

Soft sculputered
modern desks

Sea Shells/ Natural
shapes

Sound waves in panels

Shells in design (Piano top)

Shell like ridges
in interiors using
panels

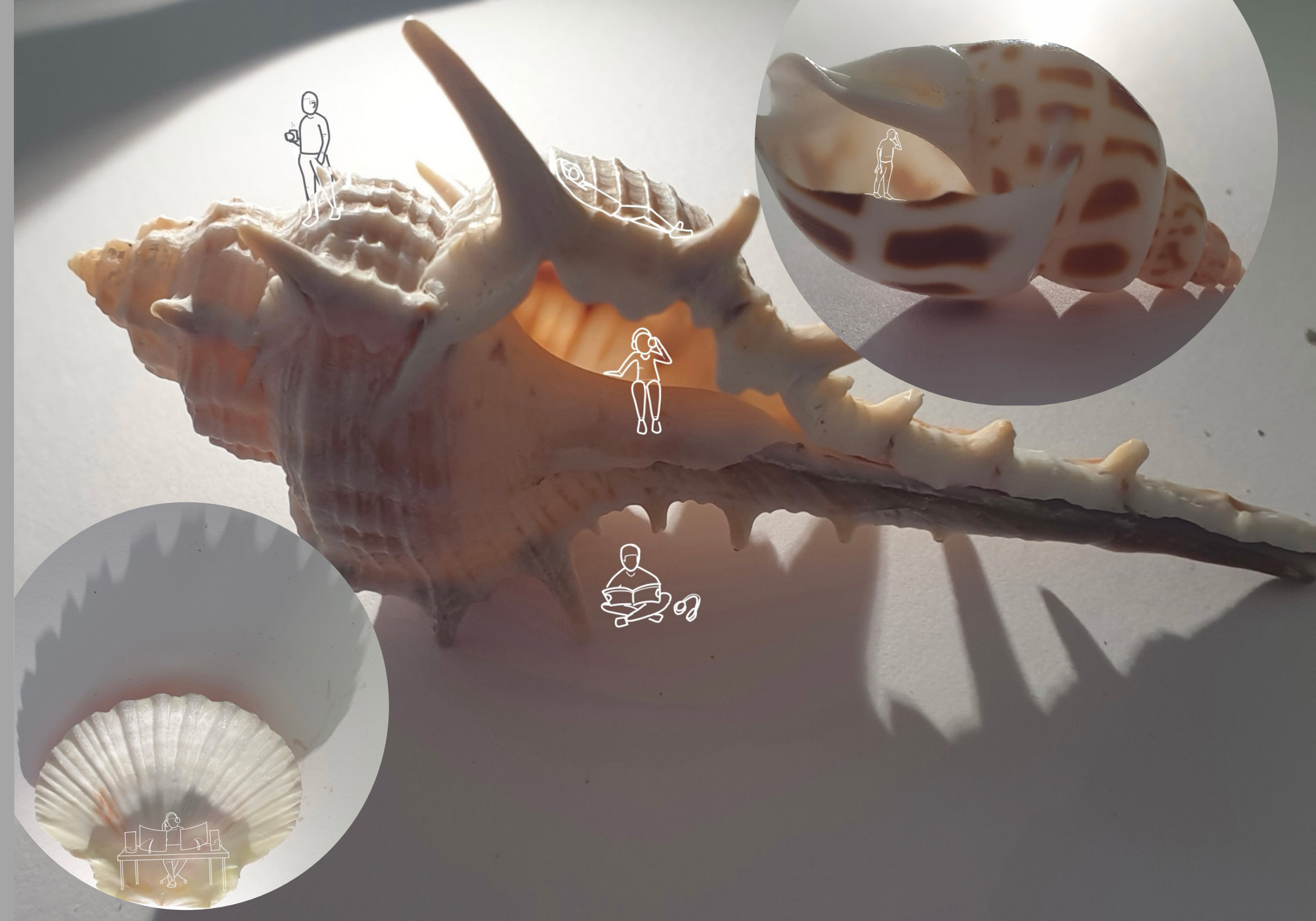
Acoustic Spaces &
panels for absorbtion
and reflection

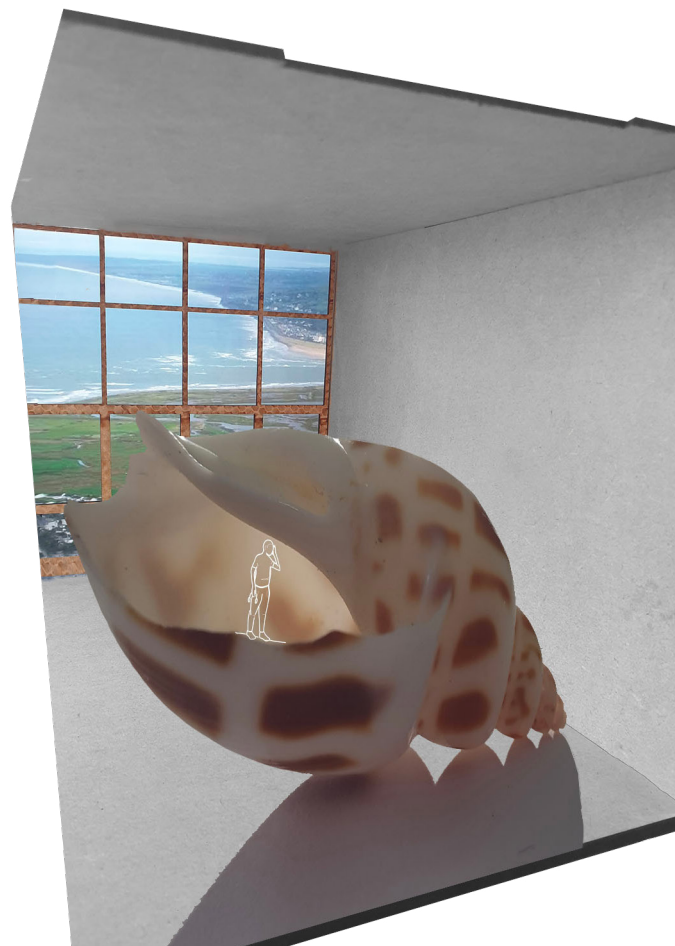
Examples of acoustic
structures

Acoustic Structure
in shell like forms

Acoustic panel details

FORMAL EXPLORATION

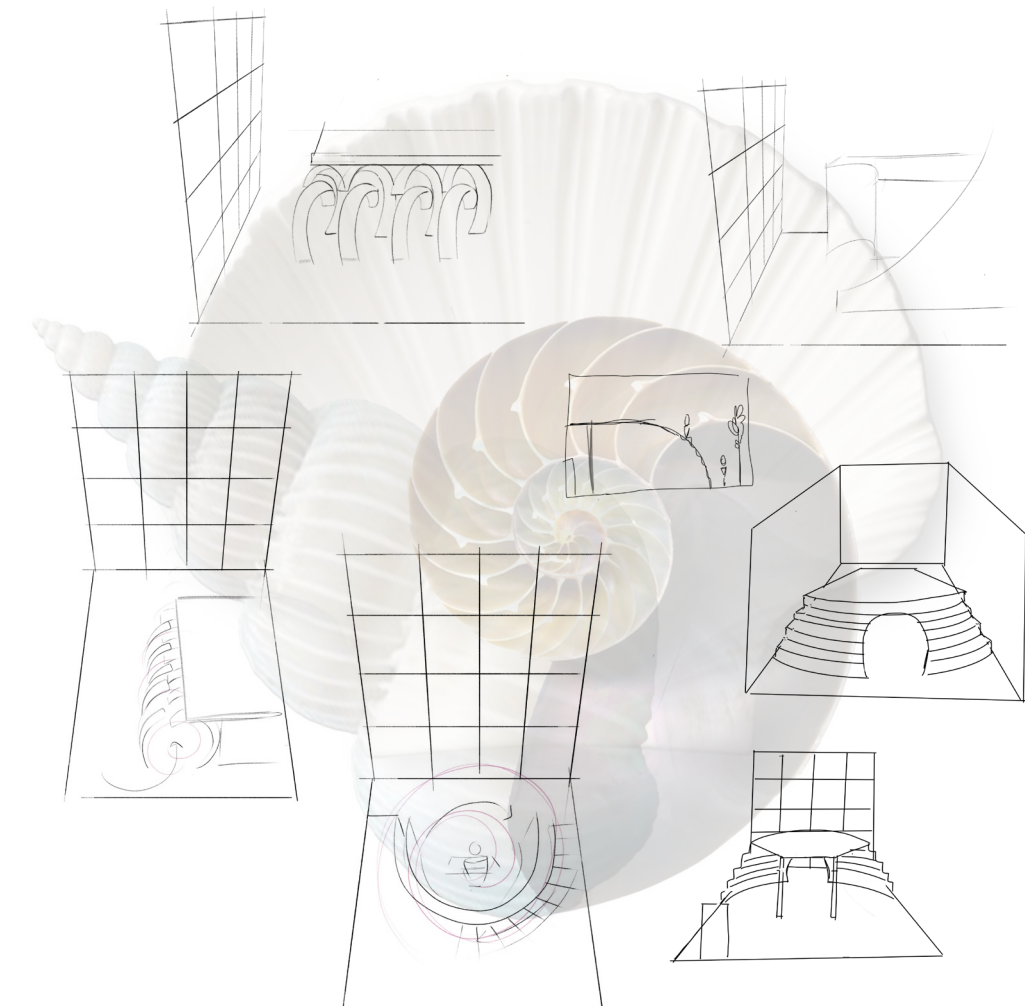




Shell Structure - Spiral - Ribs - Waves - Natural shapes - Ocean Habitats - Sounds of the Sea

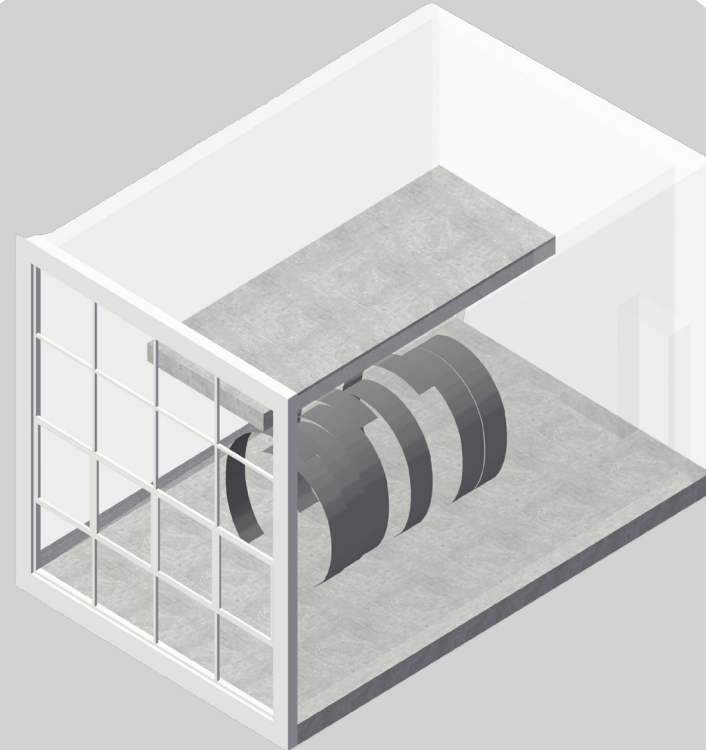
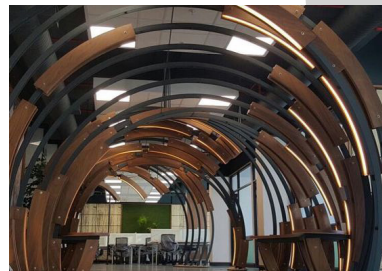
CONCEPTS

An exploration of three concepts



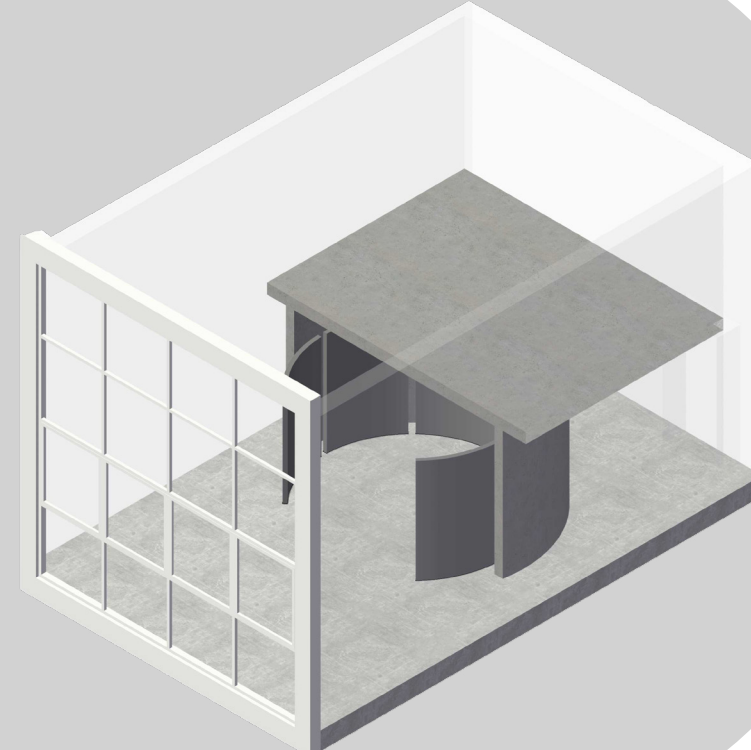
CONCEPTS

1



Central tunnel with layered adjustable acoustic panels
An interesting way of focusing through the room to the view but also functional.
Sliding panels to adjust to users preference.

2



Central core/spiral with sliding/ movable acoustic panels
Stairs to upper floor around the core, stairs to mimic shell ridges to keep to theme.
Back dark subspaces.
Manipulateing the user around room to see different architectural/interior design features.
Symetrical room for balanced acoustics.

3



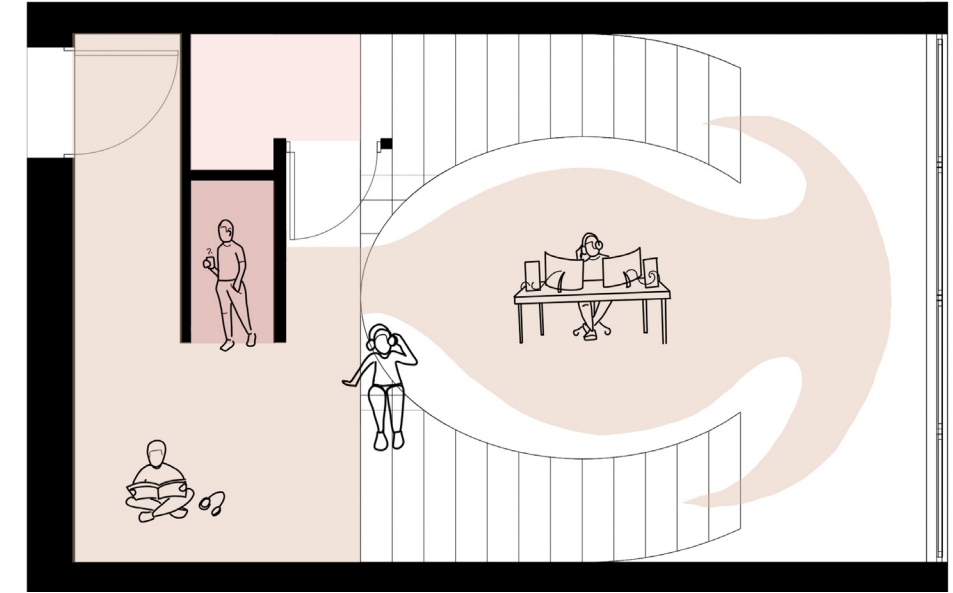
Clam like divider of the room with acoustic properties.
Panels to adjust/stetch/fan out so sound and light can be changed.
Back darker spaces.

RESULTING CONCEPT

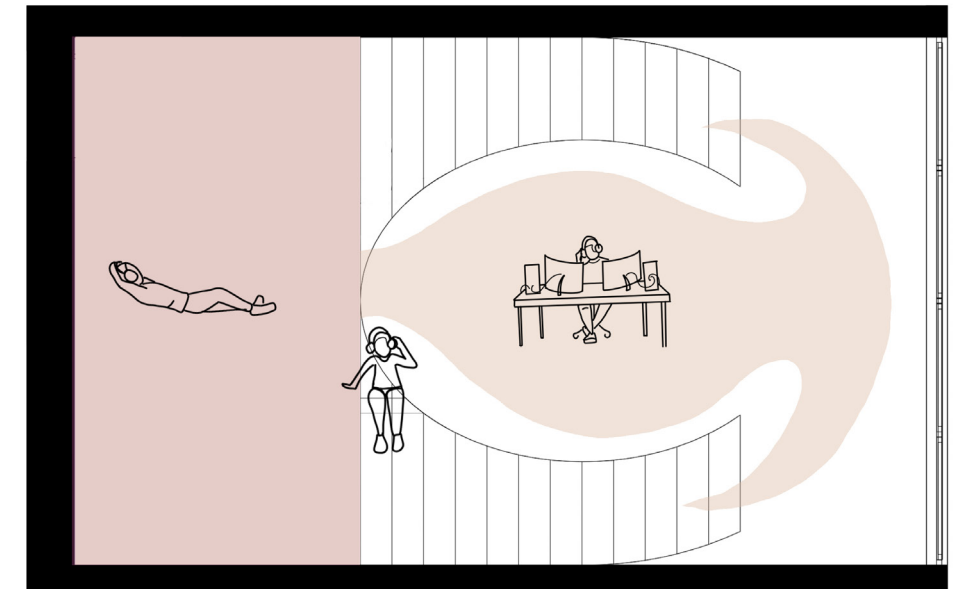
A composed concept of all 3 explorations.



Ground Floor

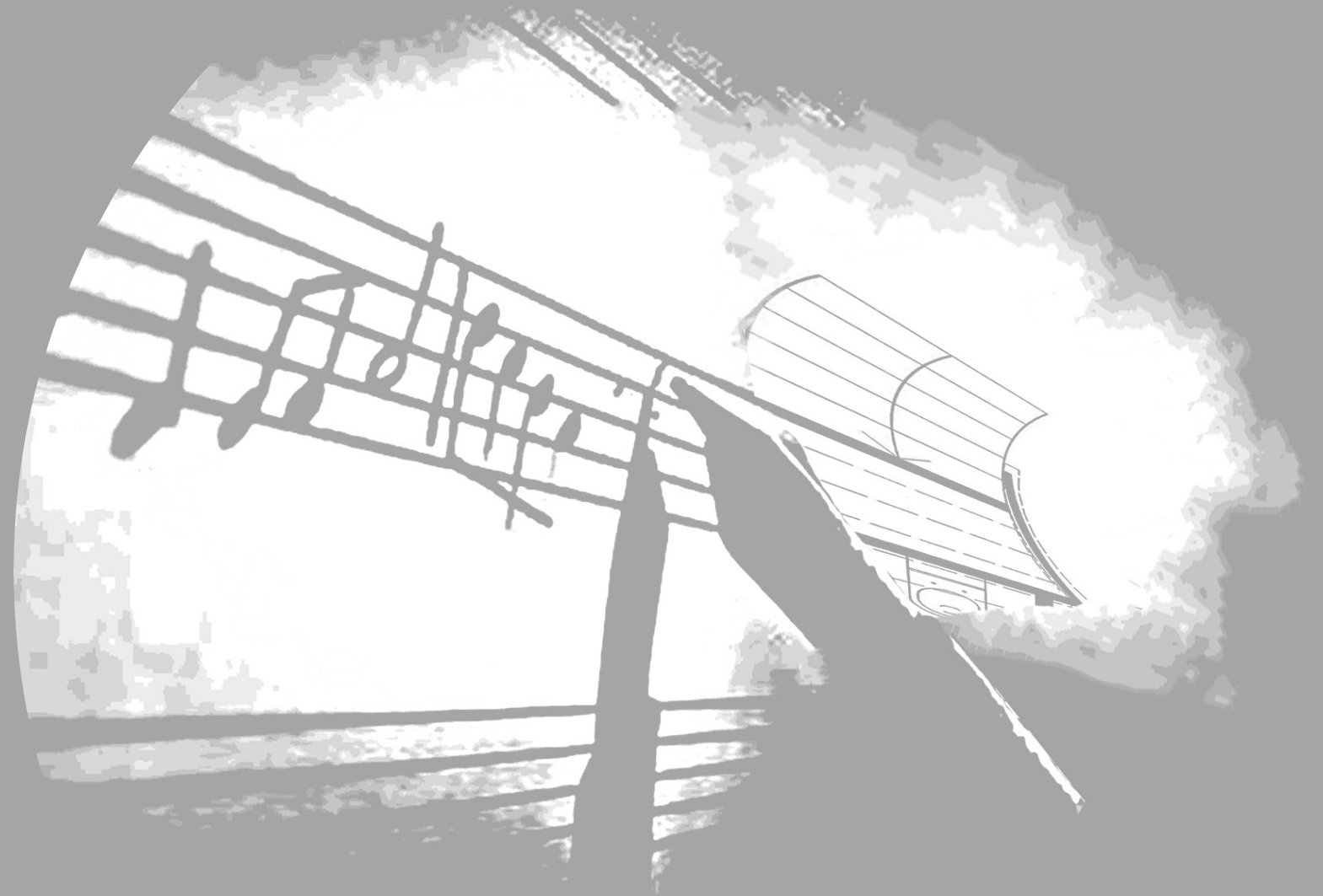


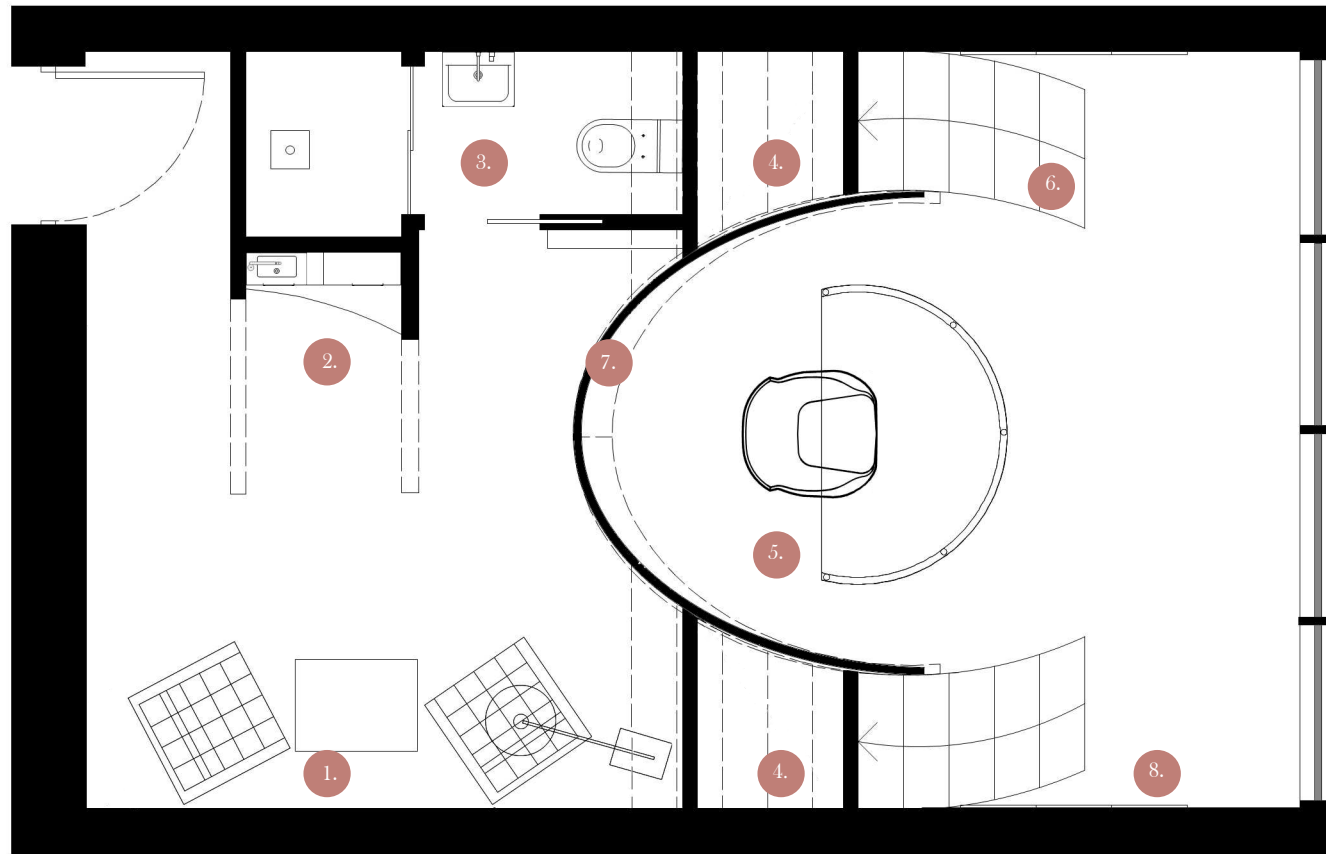
First Floor



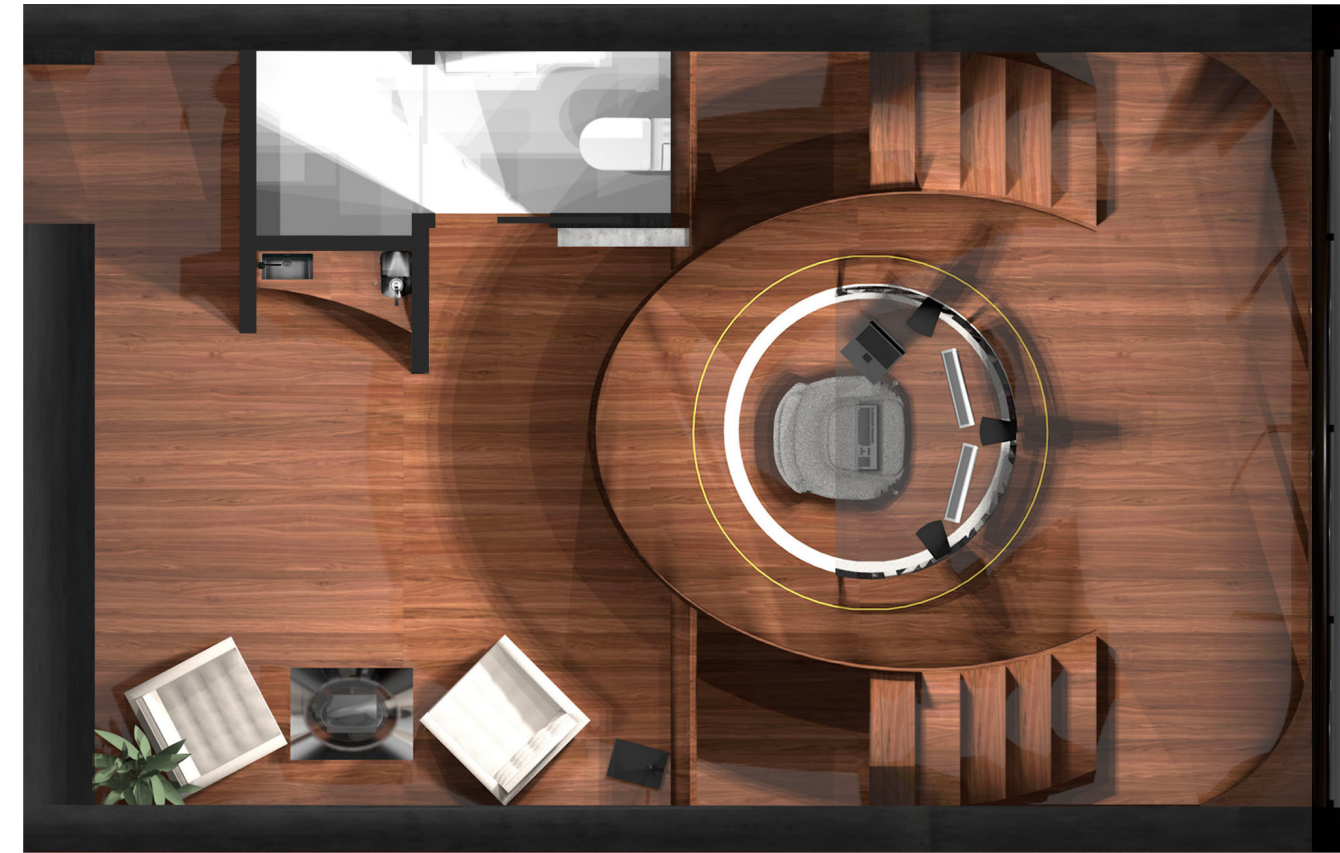
SPATIAL DIAGRAMS

FINAL PROPOSALS

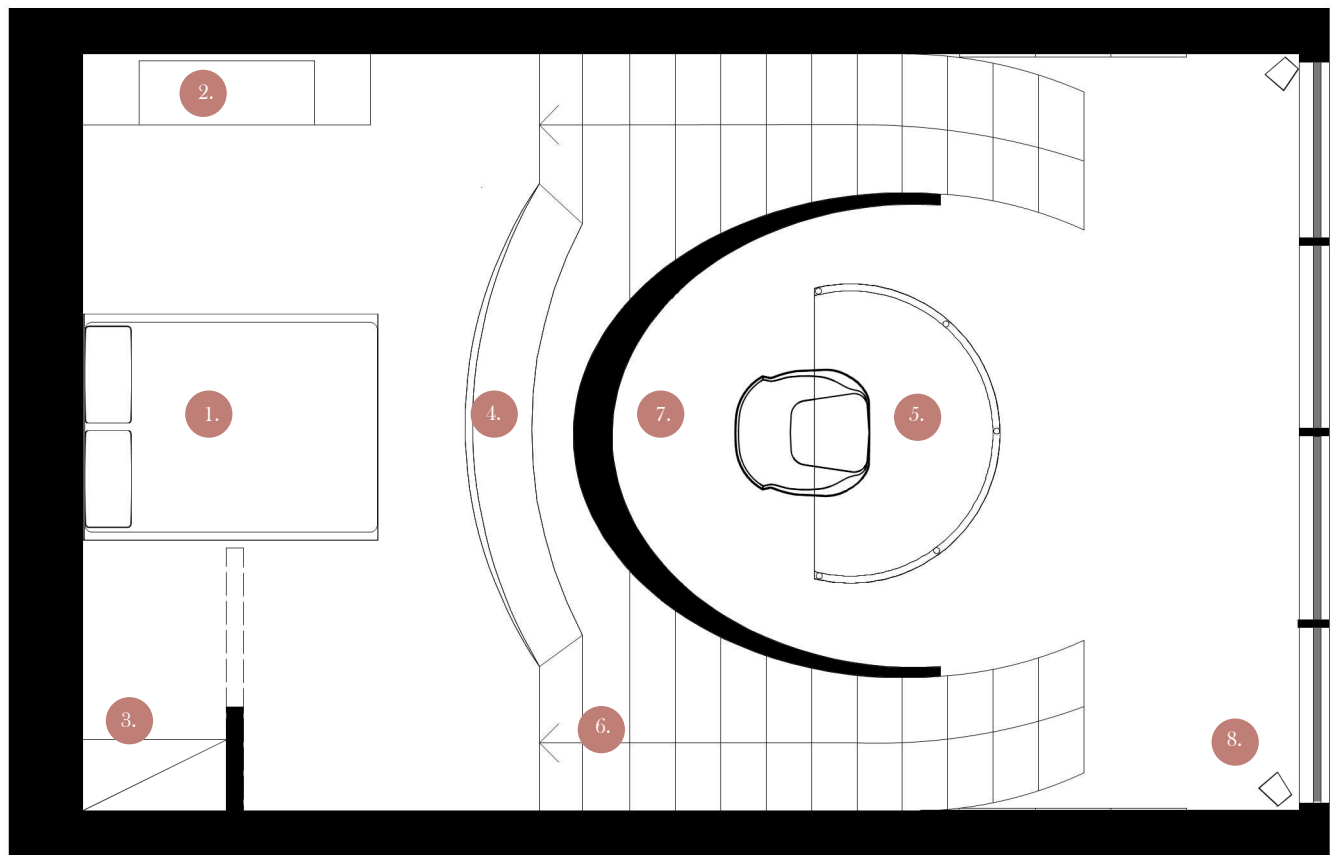




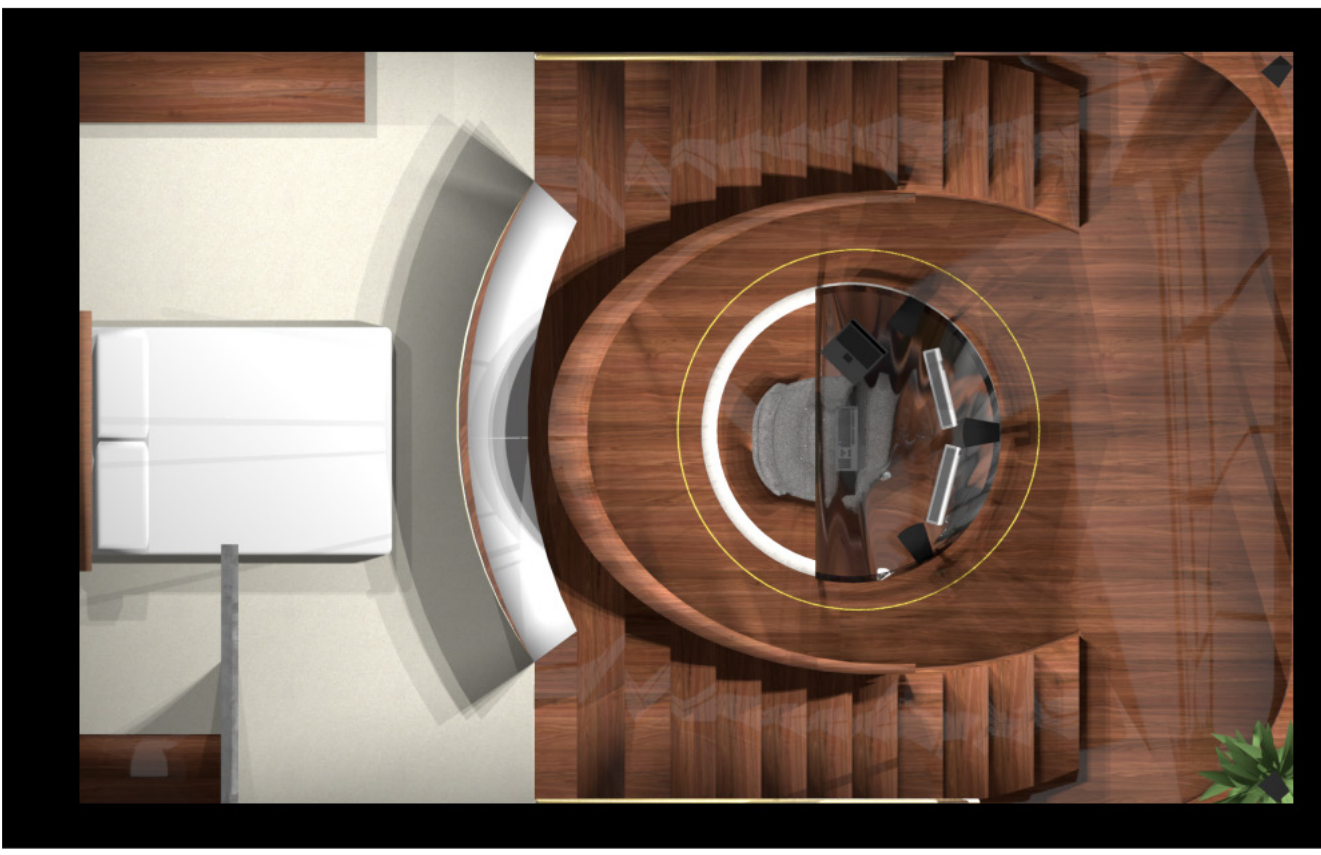
1. Sitting Area - 2. Kitchenette - 3. Bathroom - 4. Understairs Storage - 5. Work Space - 6. Stairs to First Floor - 7. Acoustic Door - 8. Acoustic Panels



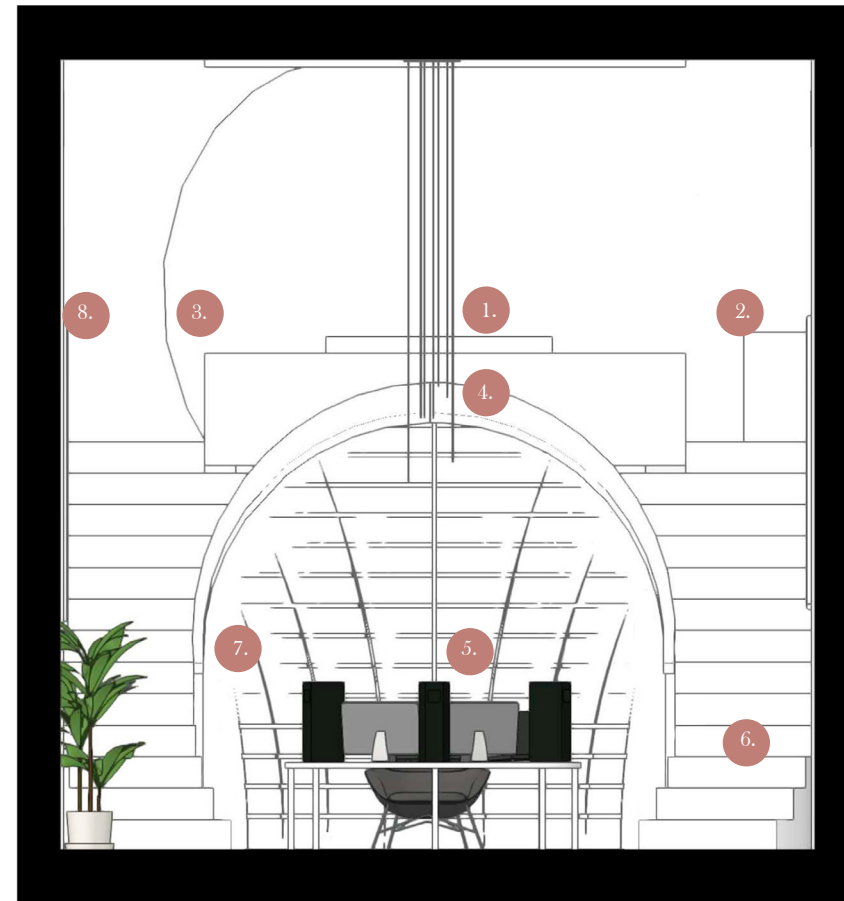
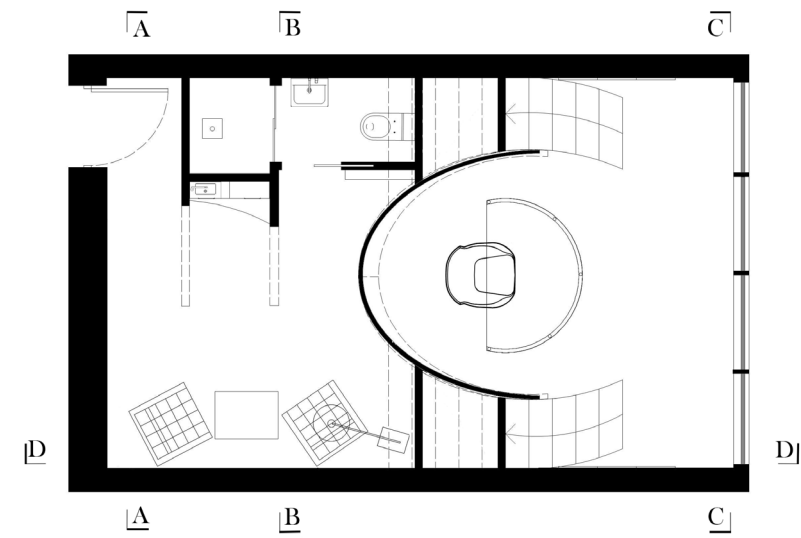
Ground Floor Plan
Scale: 1:50



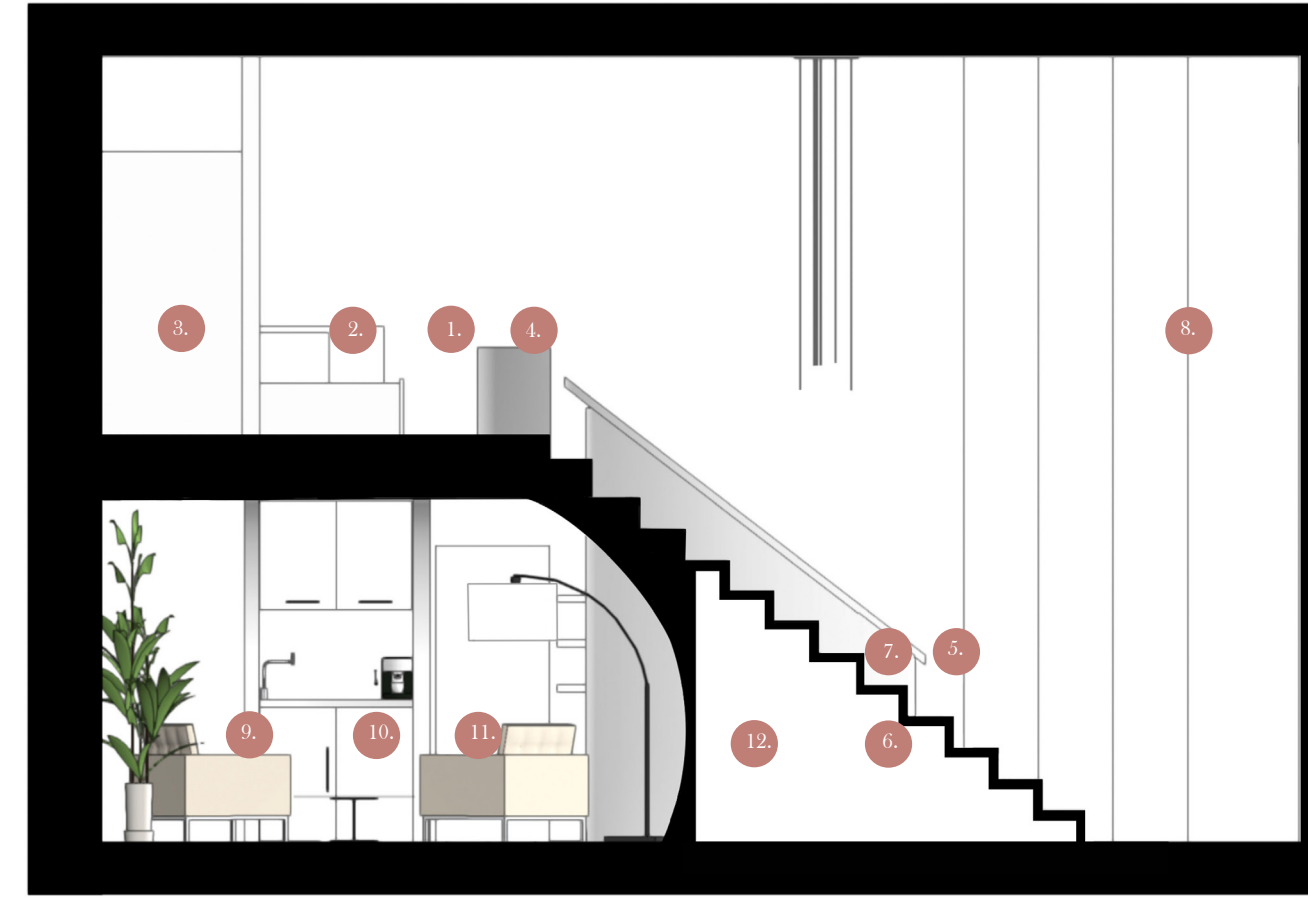
1. Sleeping Area - 2. Dressing Table - 3. Wardrobe - 4. Seating/View Point - 5. Work Space - 6. Stairs to Ground Floor - 7. Sliding Door/Railing - 8. Speakers



First Floor Plan
Scale: 1:50

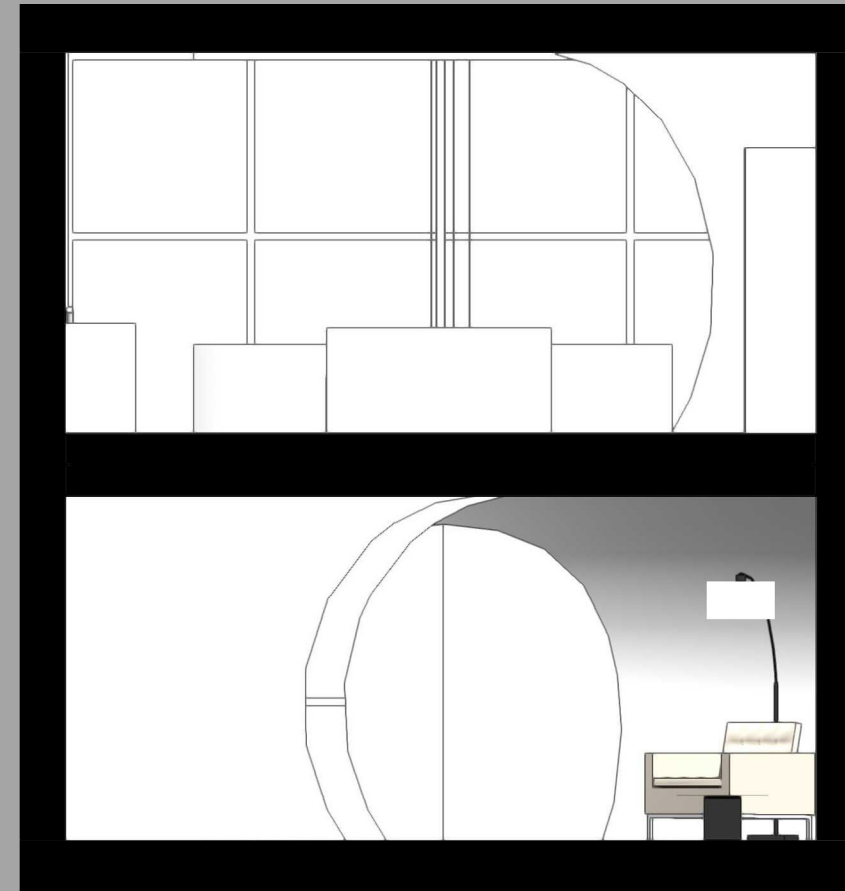
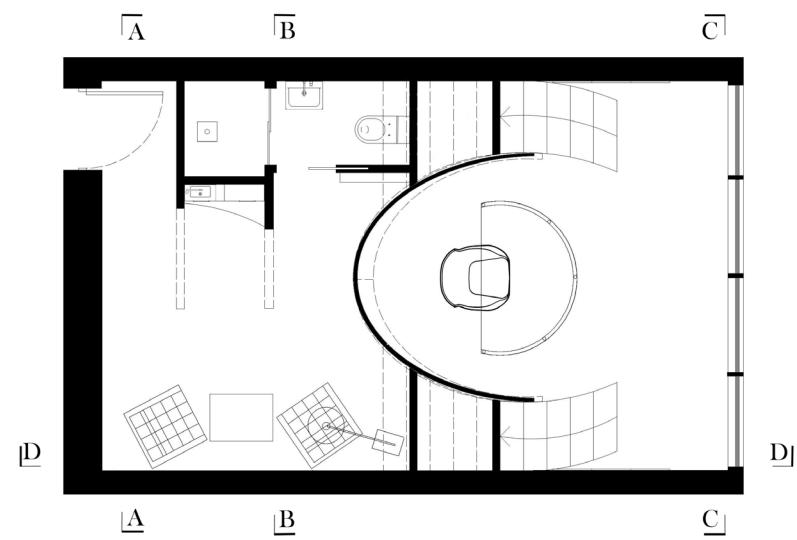


SECTION C-C
Scale: 1:50

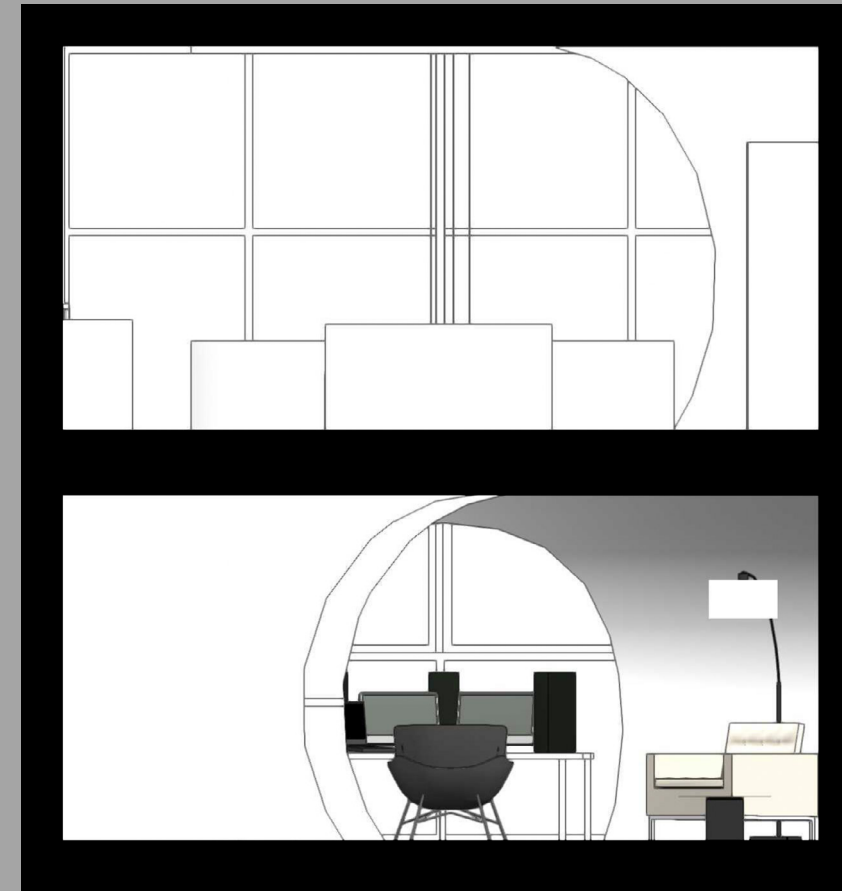


SECTION D-D
Scale: 1:50

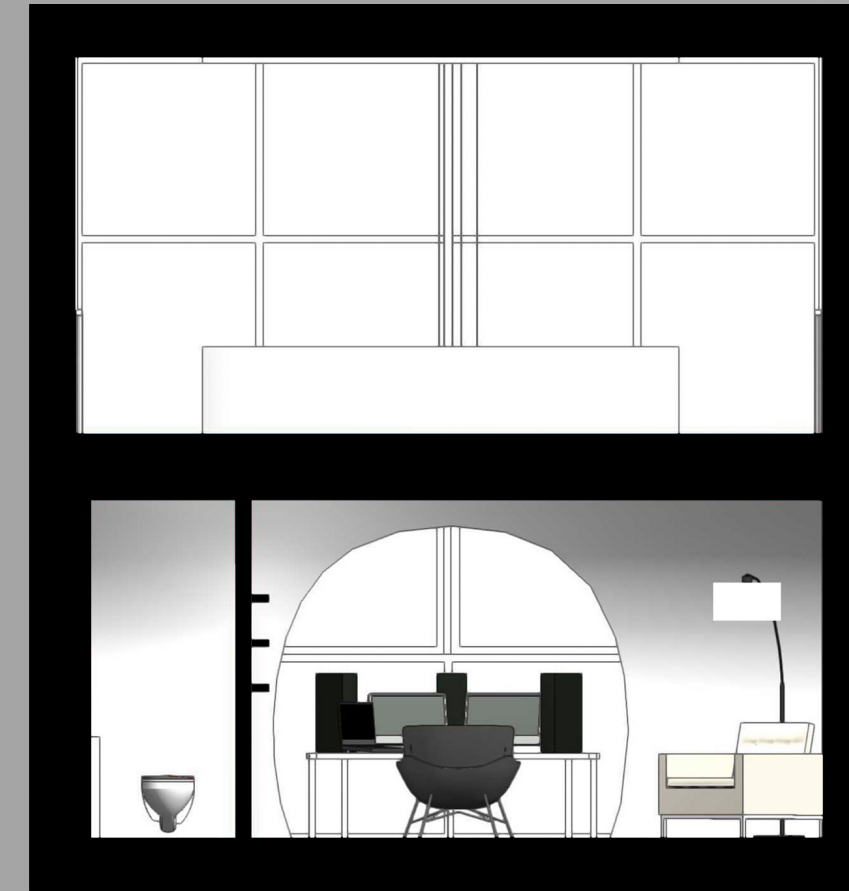
1. Sleeping Area - 2. Dressing Table - 3. Wardrobe - 4. Seating/View Point - 5. Work Space - 6. Stairs to Ground Floor - 7. Sliding Door/Railing - 8. Rolling Screens - 9. Sitting Area - 10. Kitchenette - 11. Bathroom - 12. Understairs Storage



SECTION A-A (Closed Doors)
Scale: 1:50



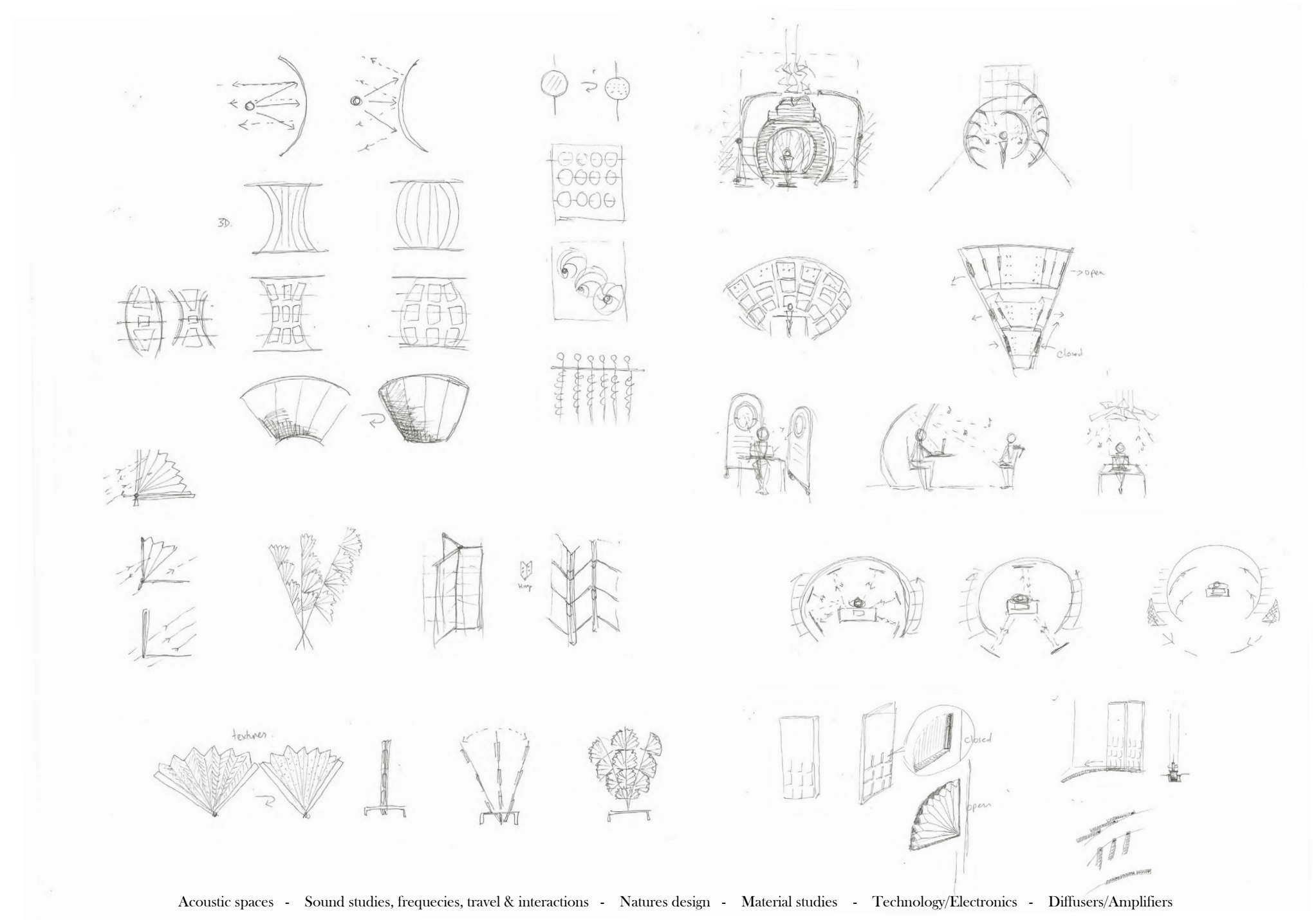
SECTION A-A (Open Doors)
Scale: 1:50



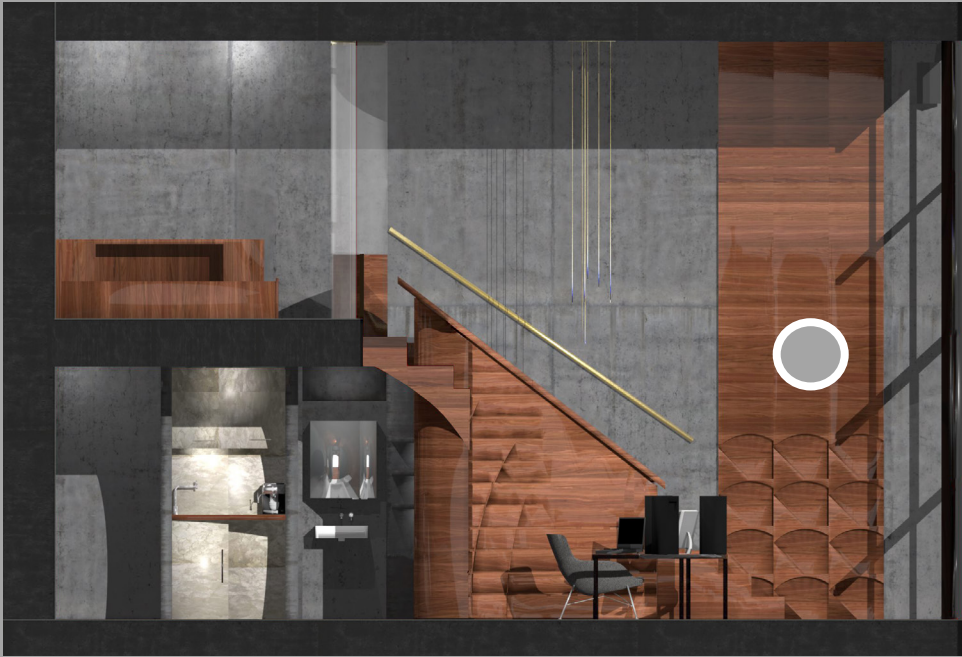
SECTION B-B (Open Doors)
Scale: 1:50

ACOUSTIC RESEARCH & DESIGN

Research & Development of Acoustic Elements



ACOUSTIC PANELS

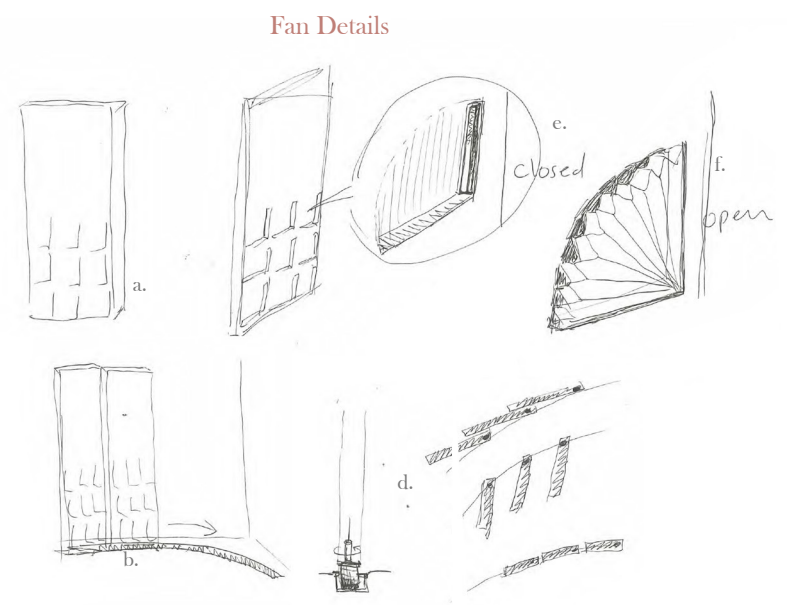
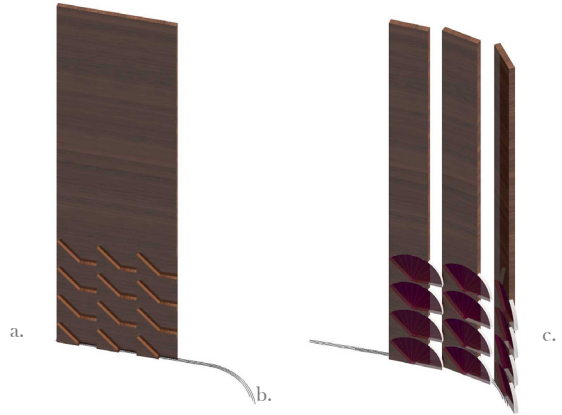


Hand operable movable acoustic panels.
With integrated material fans.
Fans can be opened and closed by hand to alter the acoustic properties of the room.

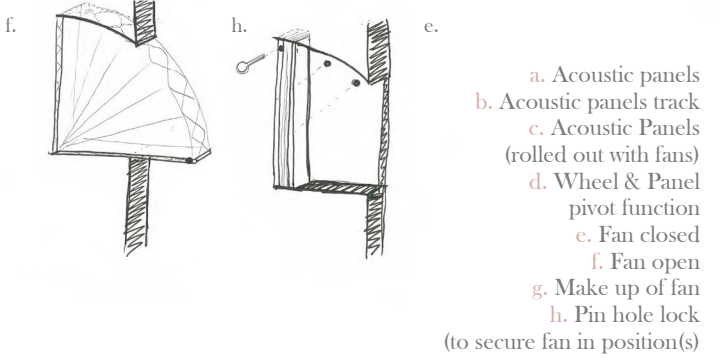
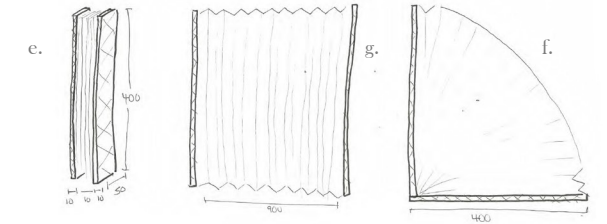


Julie Conrad Design Studio - Unpaper Room Divider

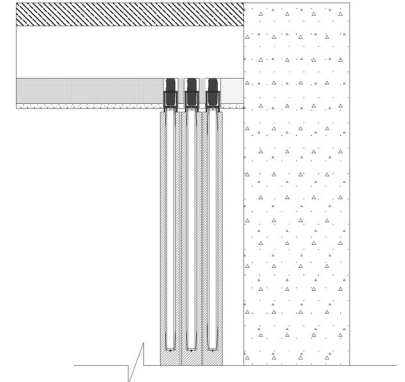
Louvre Rails



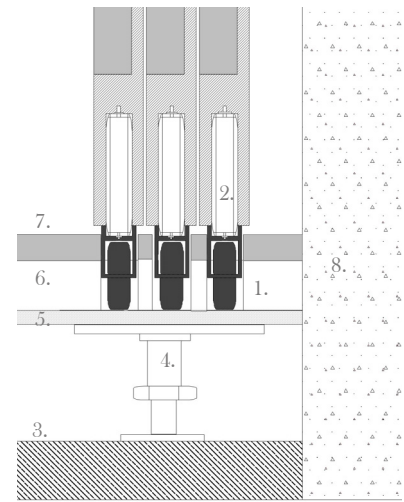
FAN - Inspired by Julie Conrad Studio / Unpaper Room Divider



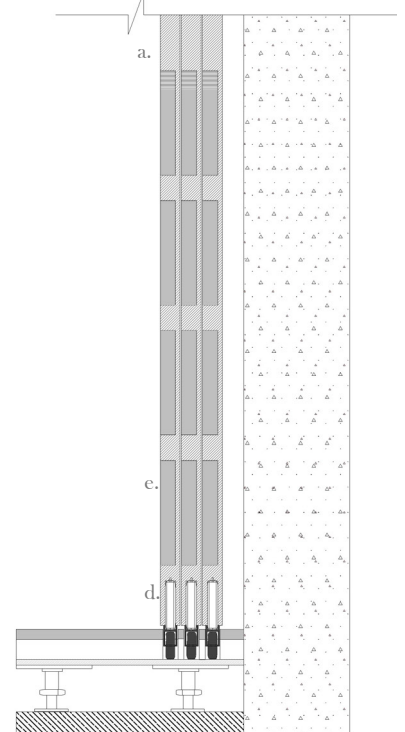
Acoustic Panel
Ceiling & Floor
Function Detail



- 1. Wheel
- 2. Pivot joint
- 3. Structural floor
- 4. Suspended floor element
- 5. Support panel
- 6. Cavity filler
- 7. Floor finish
- 8. Wall

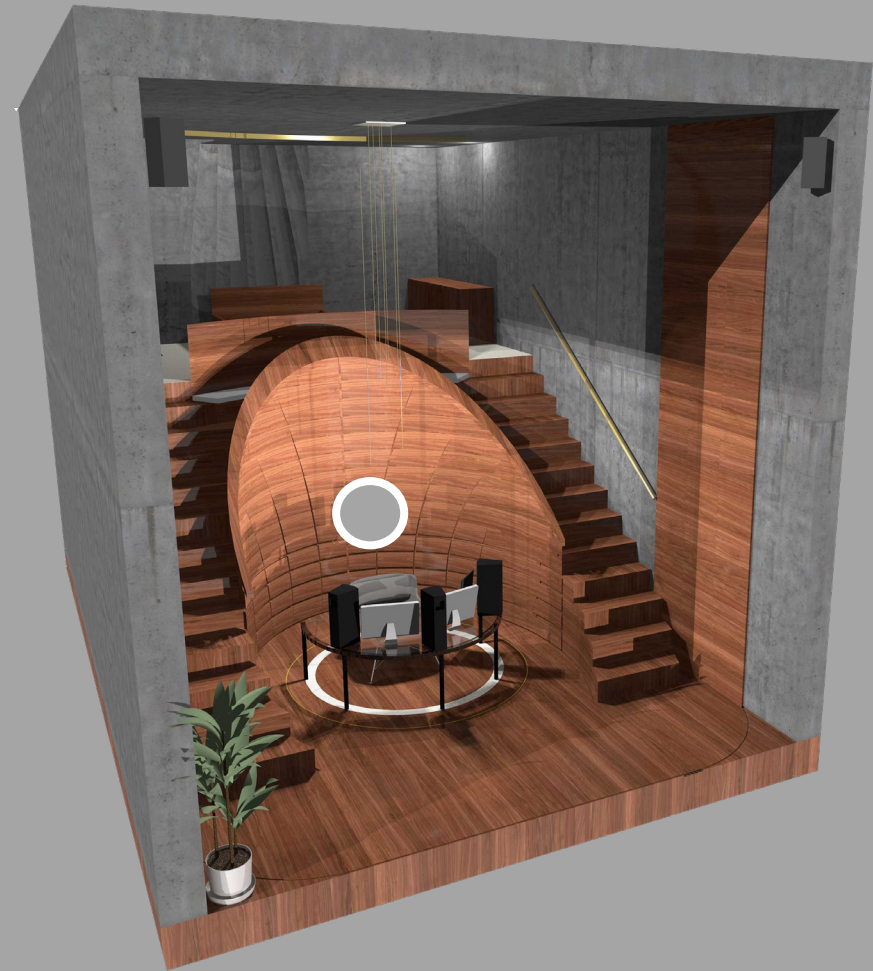


Scale 1:10

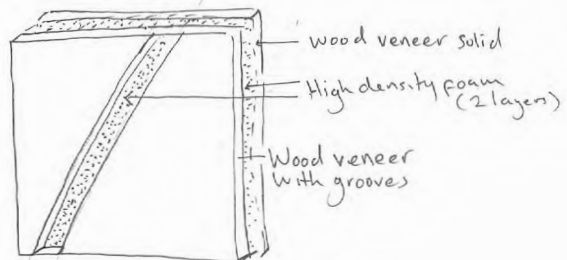
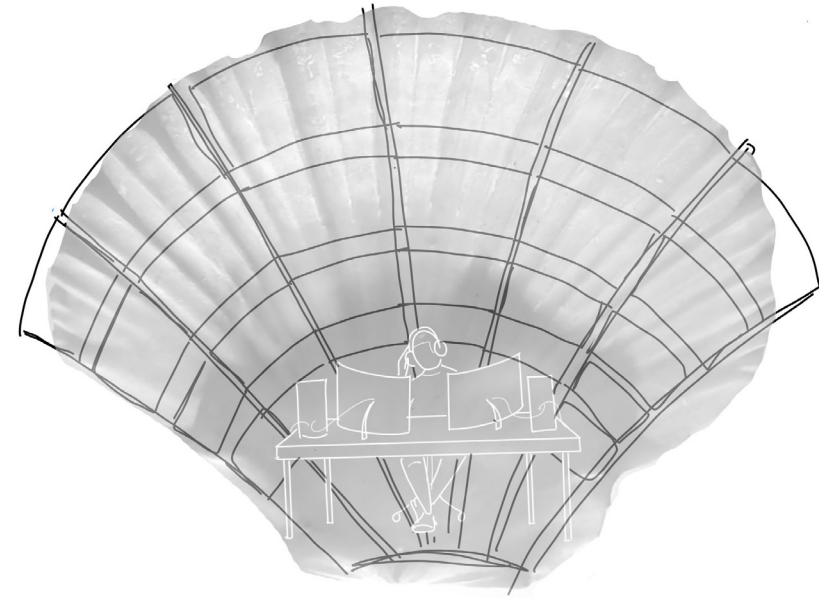


Scale 1:25

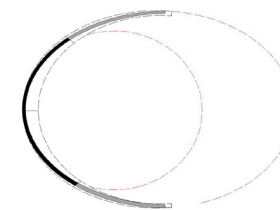
ACOUSTIC DOORS



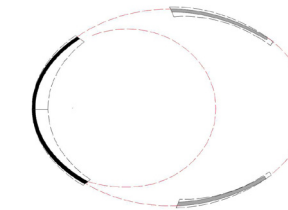
Four sliding panels making up acoustic doors which also function as a banister.



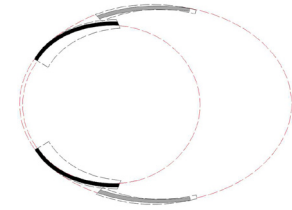
Closed



Access to Understair Cupboards



Fully Open to Seating Area & Kitchen



MATERIALS



Material Combination Exploration

MATERIAL BOARD & SPECIFICATION

a. **Polished Concrete.** Concrete Polishing Group Ltd. Platinum Grey CM336.

b. Walnut Laminate. Kronoswiss Swiss Prestige Utah. 7mm, AC3/31.

c. Gracie Lounge Chair. Modloft. Muse velvet.

d. Thayer Coggin Milo Baughman Drop-In Lounge Chair. Palette & Parlor.

e. Antique Brass Straight Handrail. G Johns & Sons. 3600mm.

f. Pebble Wool Carpet. Maraham. Birch, 457401-001.

g. **Bespoke Caprisse Mirrored Glass & Graphite Moon Half Moon Desk.**
Breeze Home Furinshings.

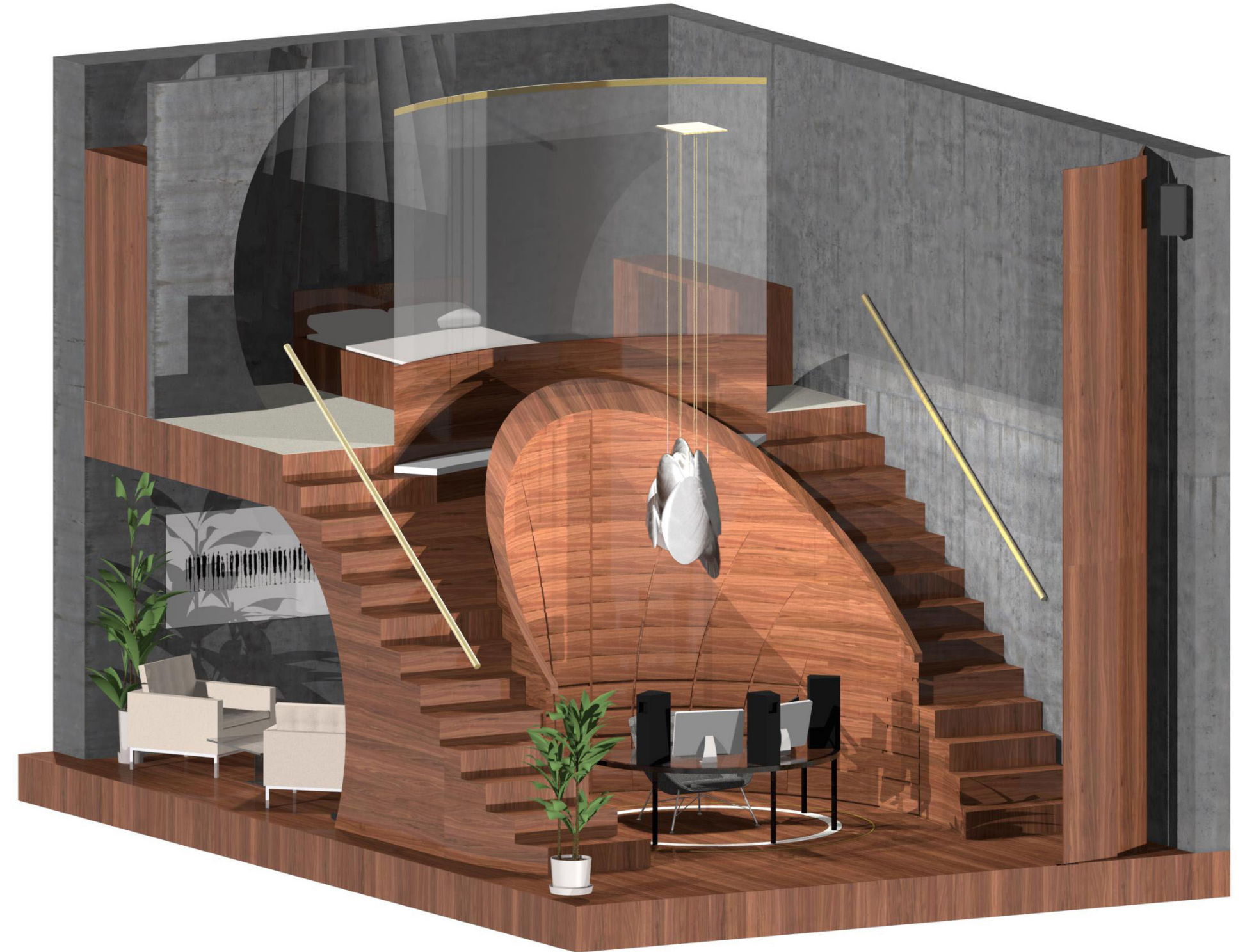
h. Cork Material. Cork House. Midnight.

i. Luna Floor Lamp. Anthropologie

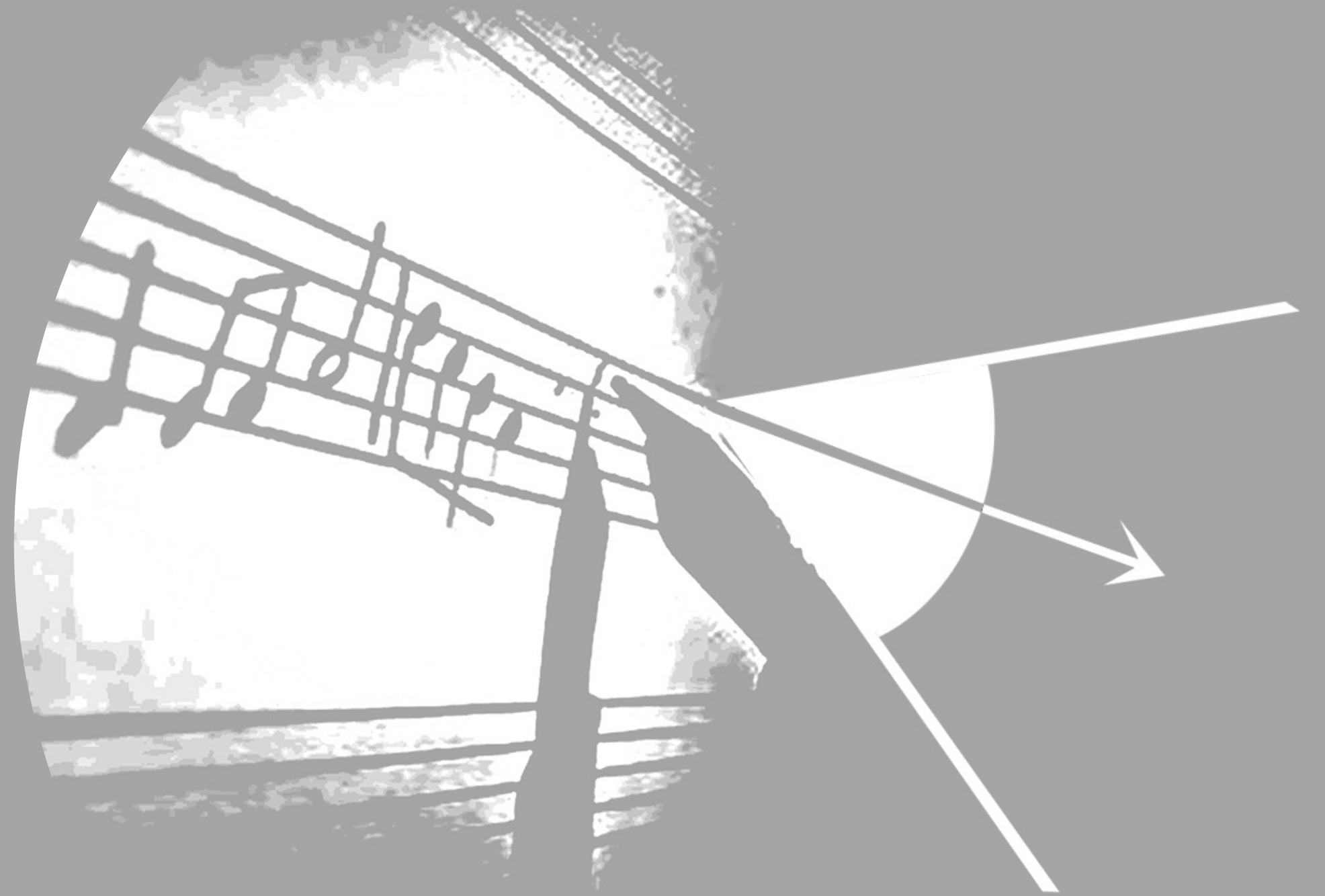
j. Mother of Pearl Aphrodite Oyster Wallpaper. Maya Romanoff. MA-01

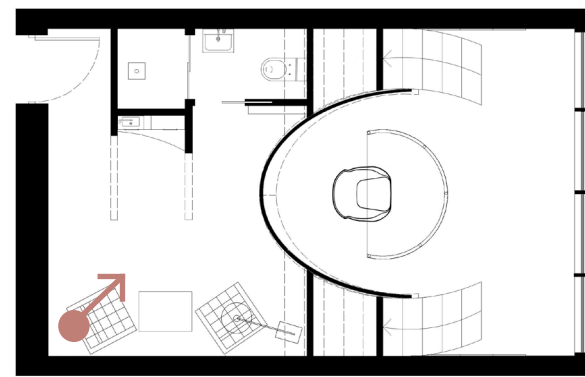


ISOMETRIC IMAGE

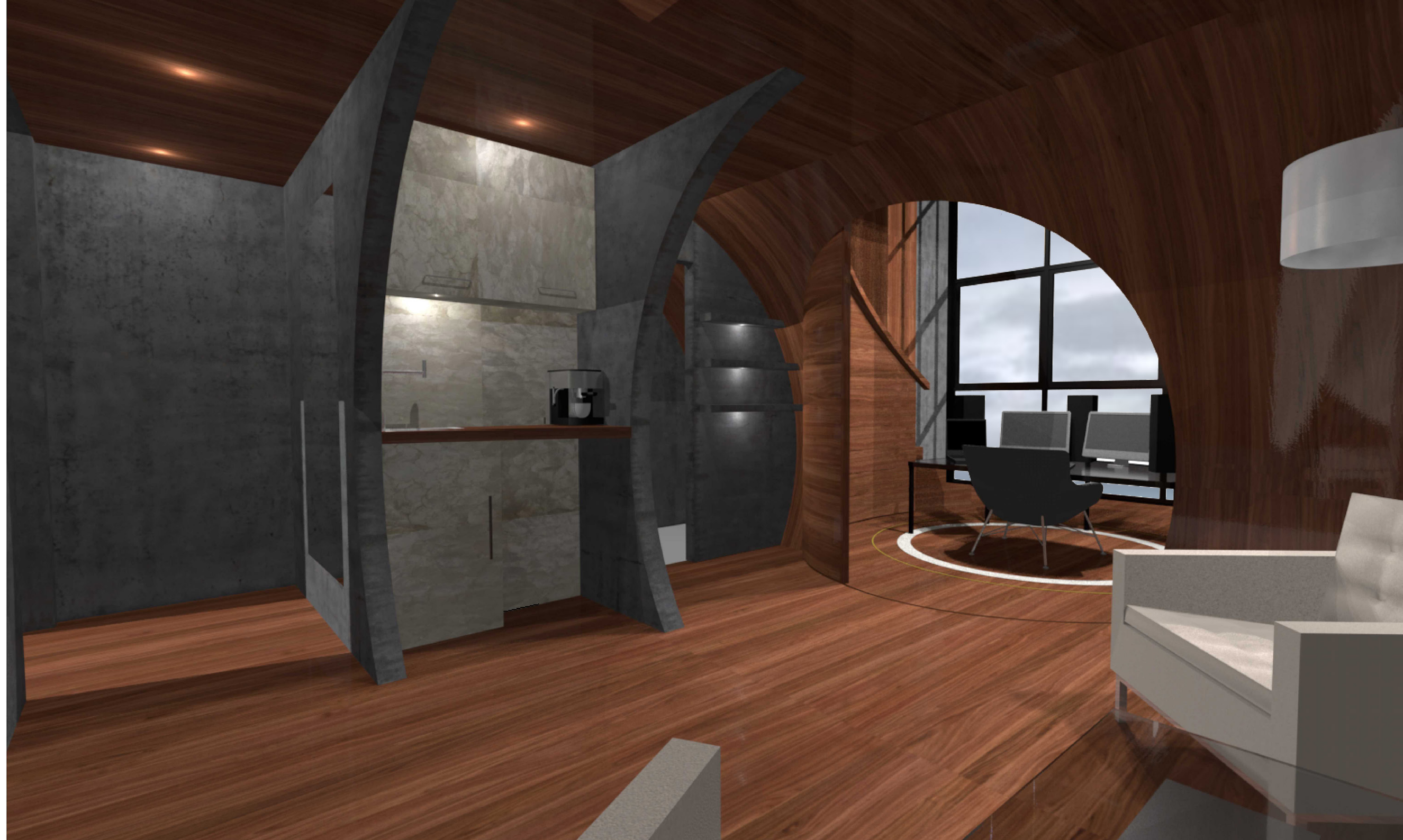


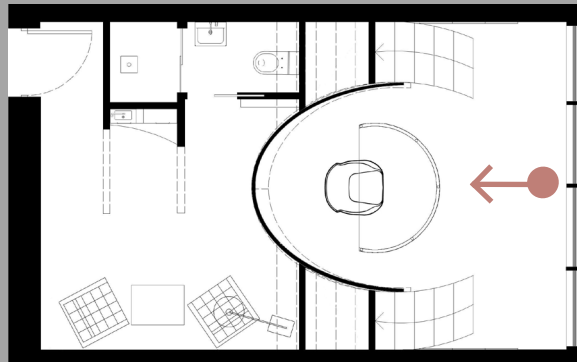
PERSPECTIVE IMAGES





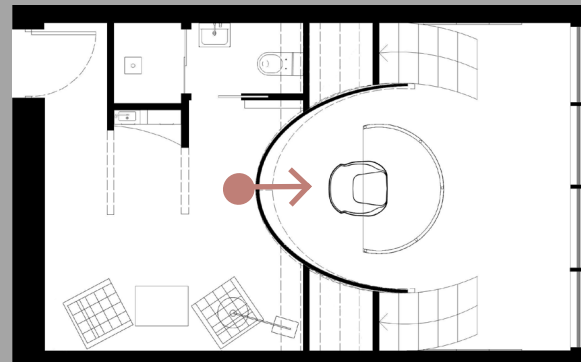
Perspective of seating area with doors closed (above) & open (overleaf)



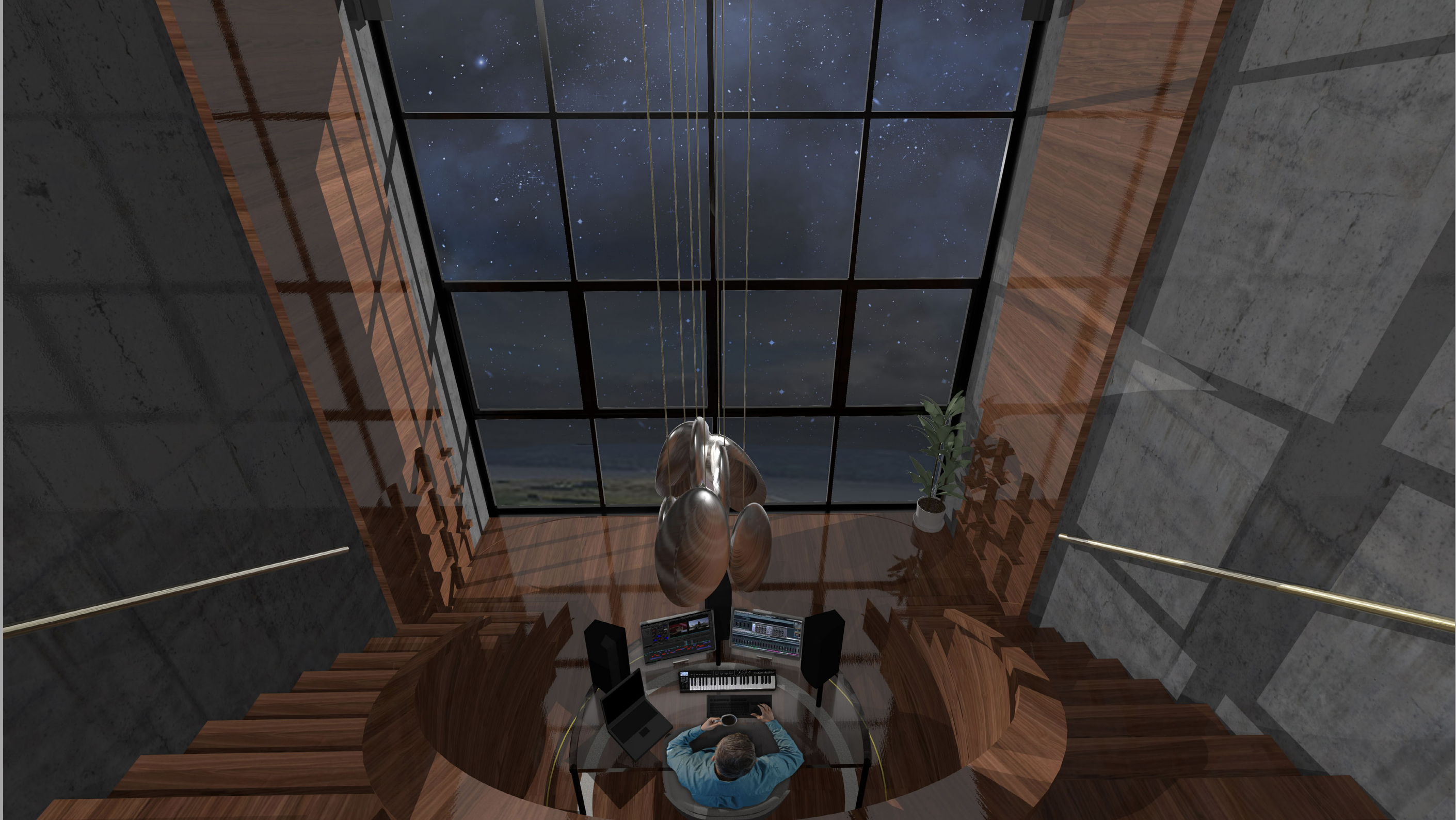


Perspective of main room & work space from window





Perspective from upstairs balcony



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Emma Norbury

