

# CAVE

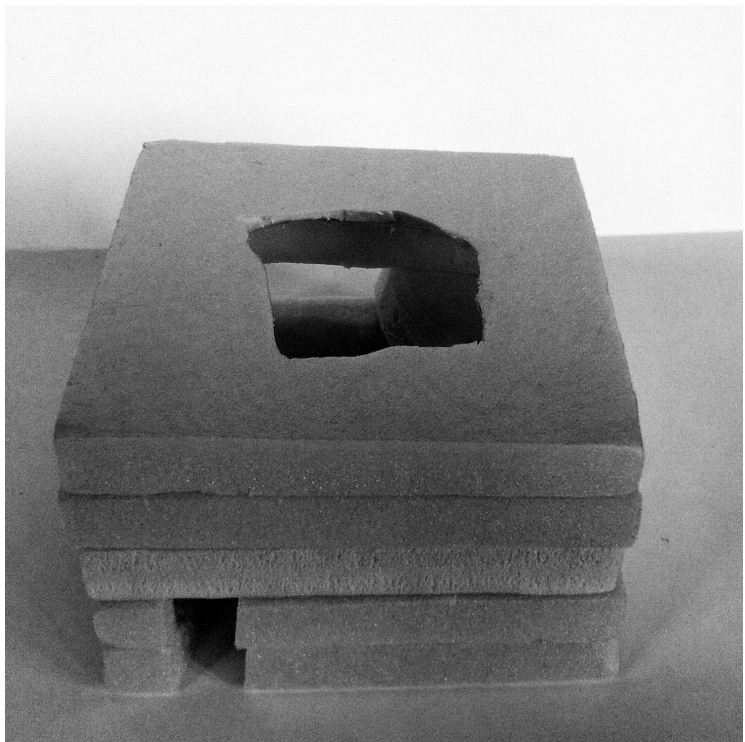
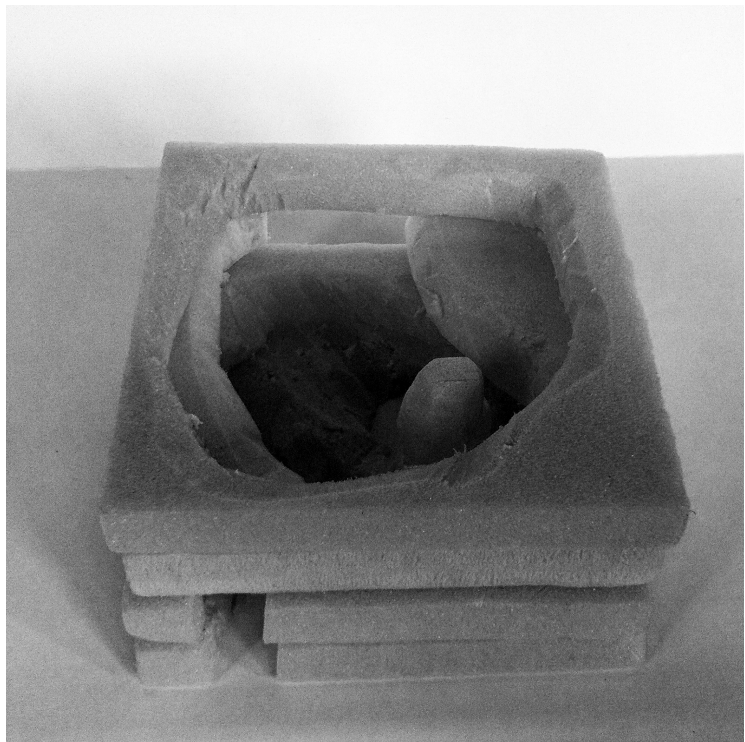
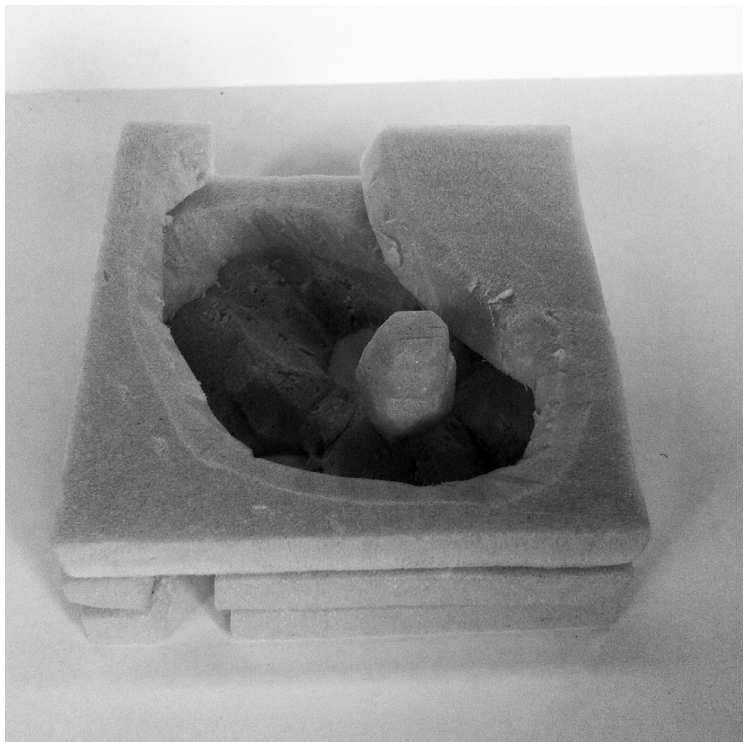
An attempt of creating harmony within a defined space

*“I put my hands and feet on the  
naked mountain, experiencing the  
lukewarm rocket..earth, stones  
and dry yellow grassblades”<sup>1</sup>*

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<sup>1</sup> Childhood memory

EARLY MODEL STUDIES





# BACKGROUND

## Introduction

As above so below, what is  
inside is also on the outside.

How can we put blame and  
shame on leader in this world if  
we have a war going on inside?  
First we need to deal with our  
own inside, so we do not heat up  
the fire on the  
outside.

This project focus on creating a  
meditative space,  
encouraging us to go inside for  
a while, just to be, to make  
friend with our inner self

# CHALLENGES

Obstacles facing when working with the cave

**SMALL BUT SPACY**

Making a small space feel light  
and safe at the same time

**VARIATED DETAILS**

Creating details and patterns  
through buildning technique

**BUILDING TECHNIQUE**

Using a technique never used  
before in housing

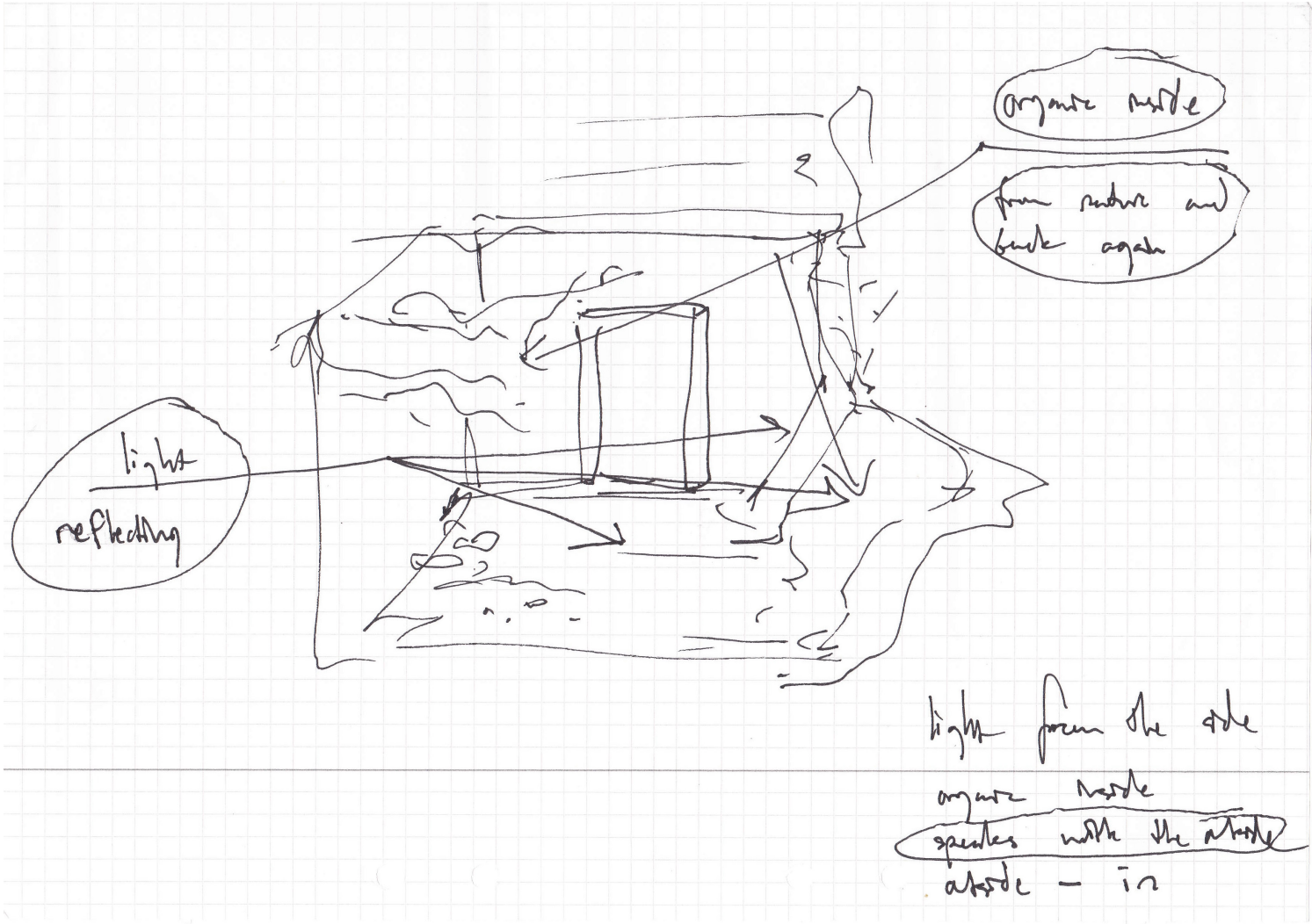
**QUALITY BUT VALUE**

Building with natural material  
but with value



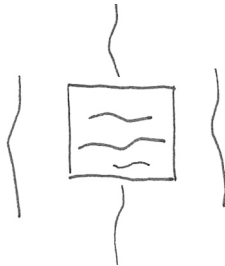
# INVESTIGATING HARMONY

Through nature, paintings and architecture



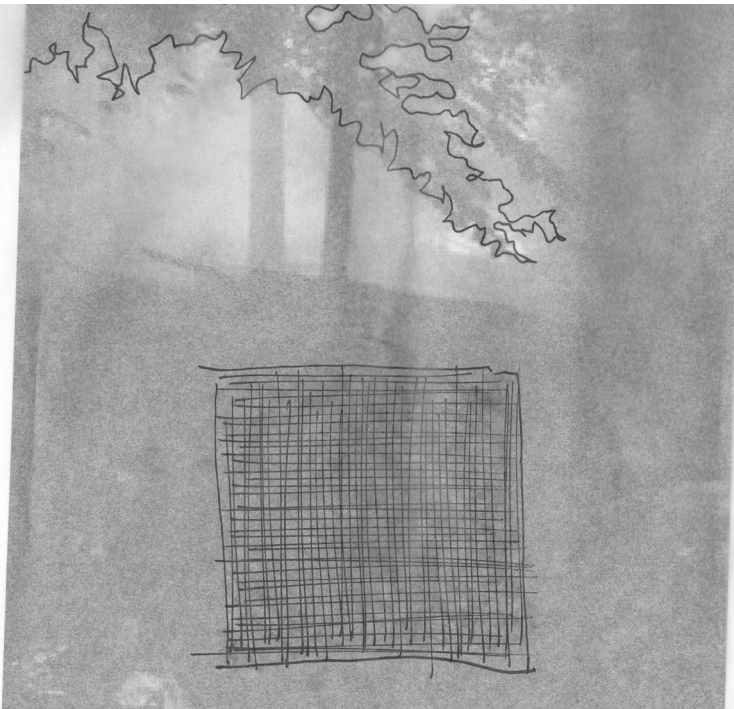
## OUTSIDE - INSIDE

Where nature and architecture meet

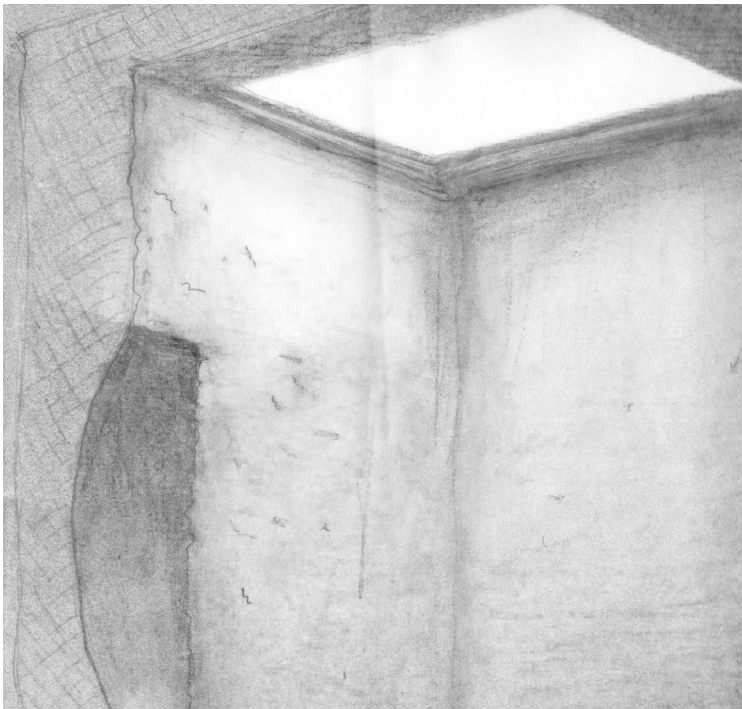
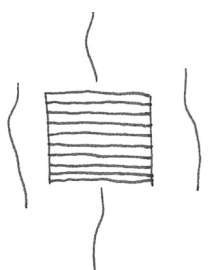


# INVESTIGATING HARMONY

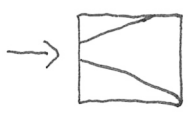
Through nature, paintings and architecture



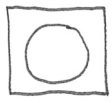
**MAGNETIC**  
Contrasting surrounding



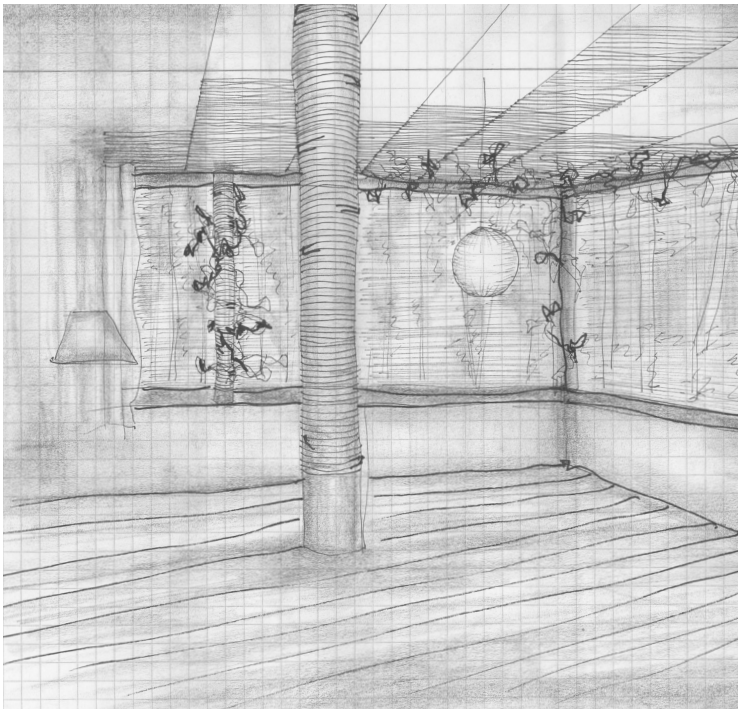
**TRAILER LIGHT**  
Shaping with shadows



**CENTERED<sup>1</sup>**  
Core surrounded by matter



<sup>1</sup> P.S Kröyer - Roses (1893)



**VARIATION<sup>1</sup>**  
Patterns/treatment reflecting nature



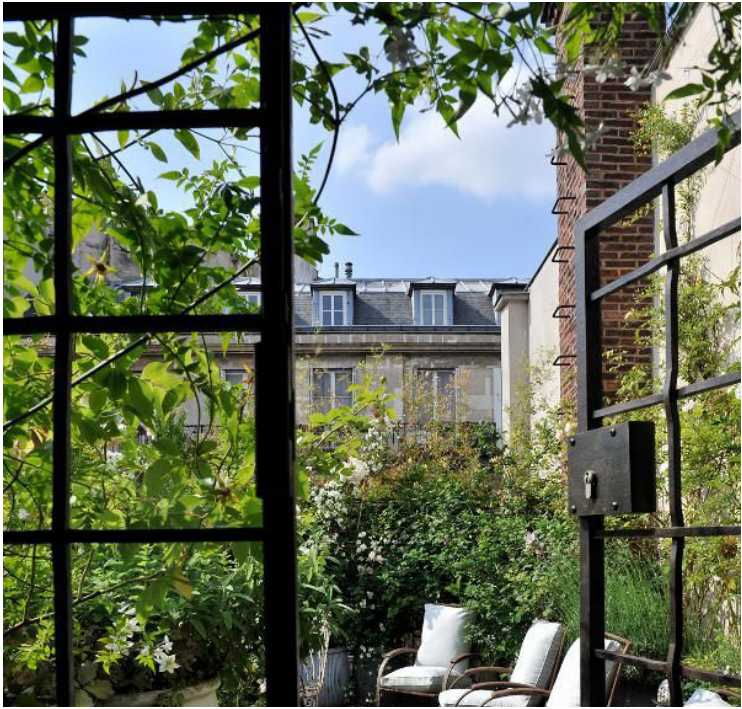
<sup>1</sup> Alvar Aalto - villa Maiera (1935)



# OUTSIDE – INSIDE

Where nature and architecture meet

Investigation through fotografies from the internet  
when googled around the subject

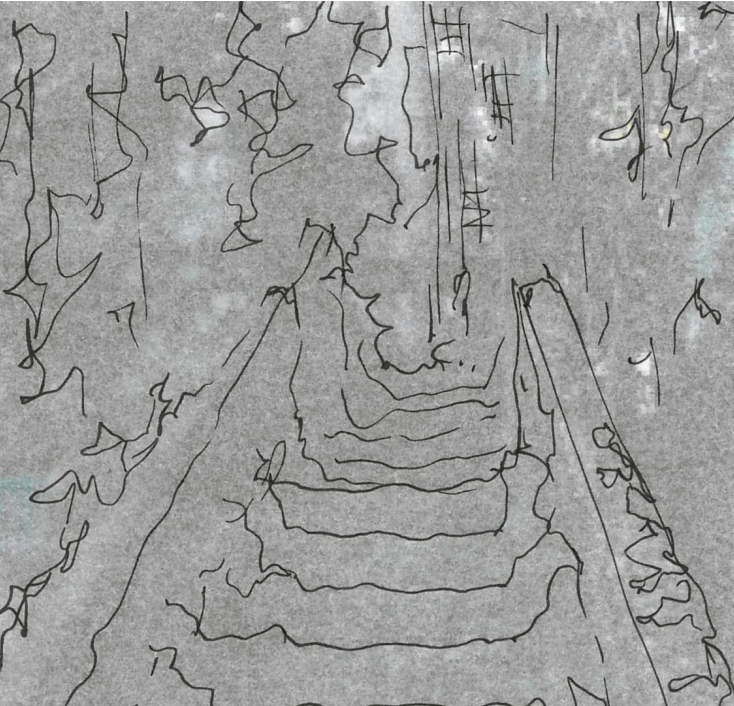
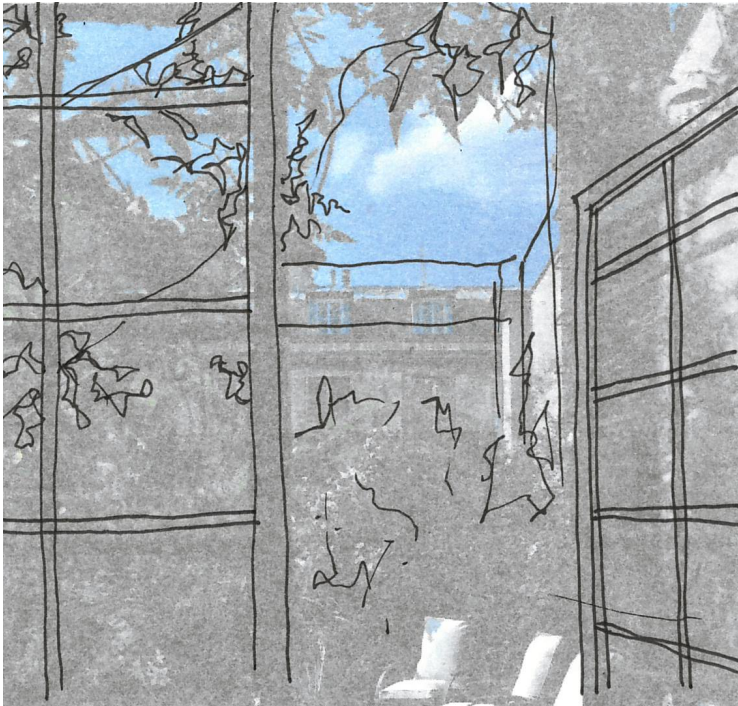
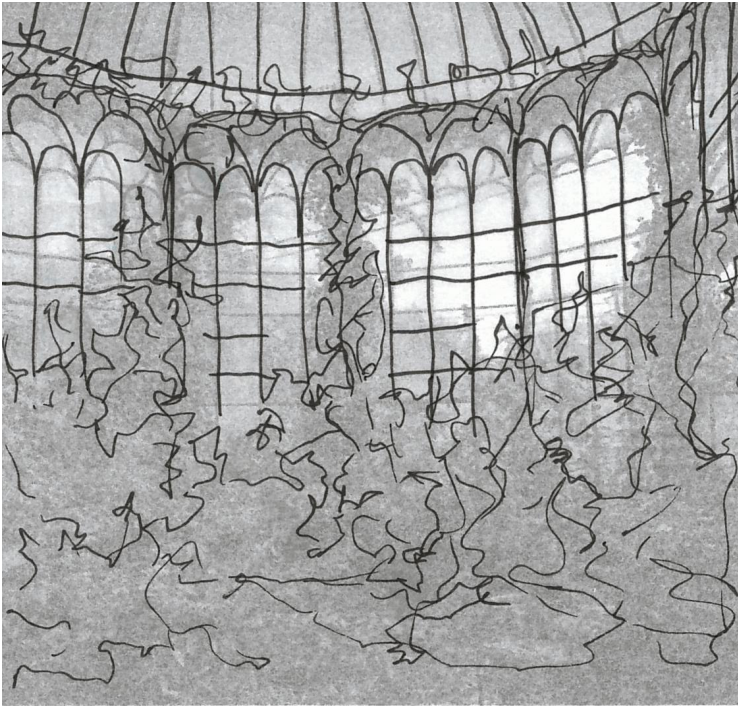
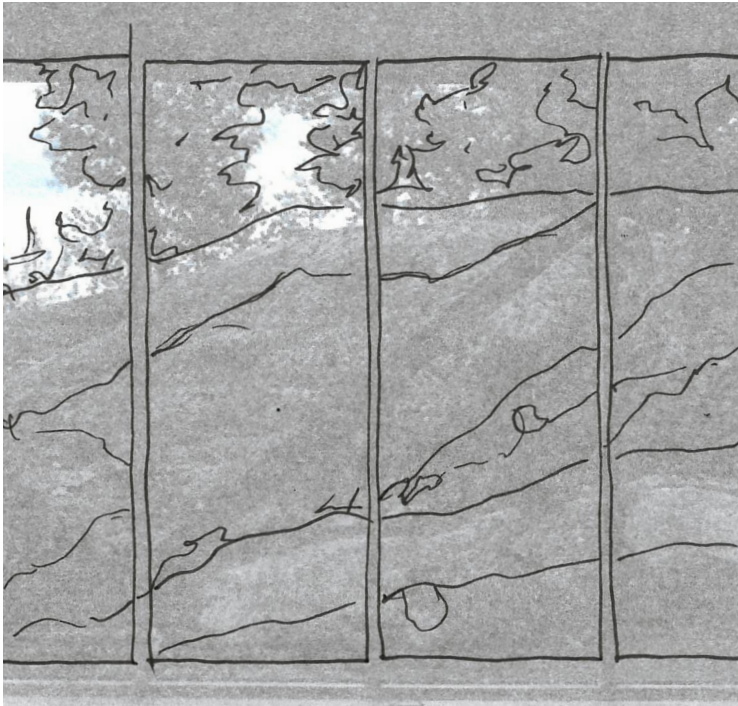




# OUTSIDE - INSIDE

Where nature and architecture meet

Printed and sketched above a sketchingpaper.

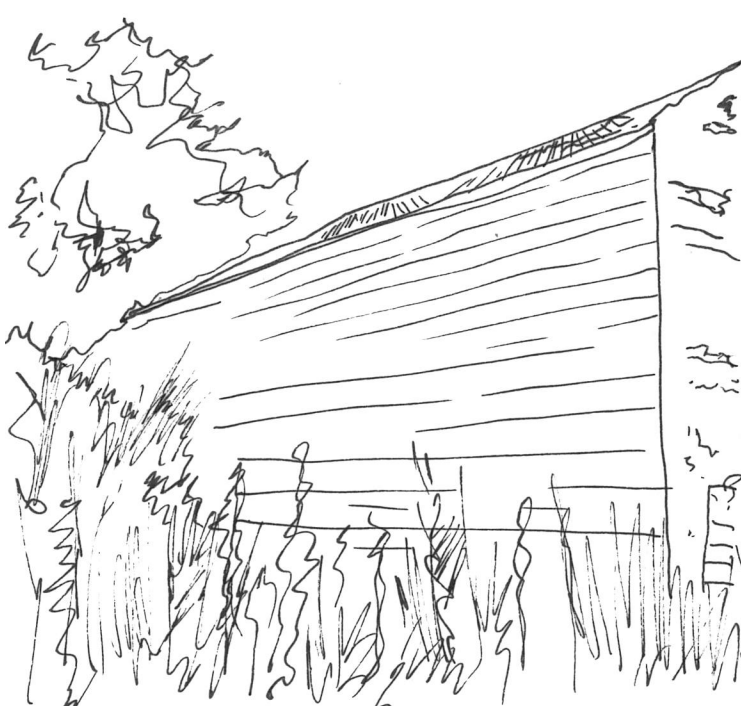
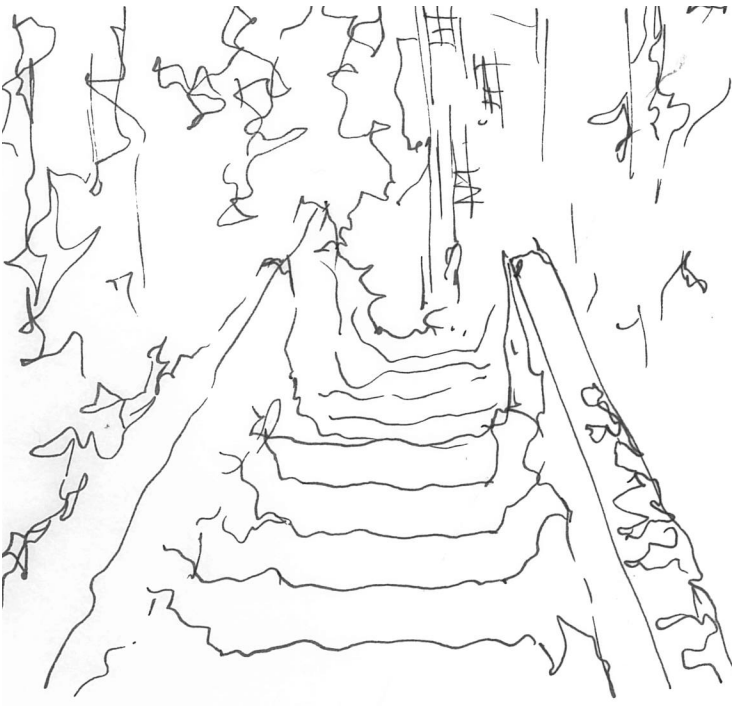
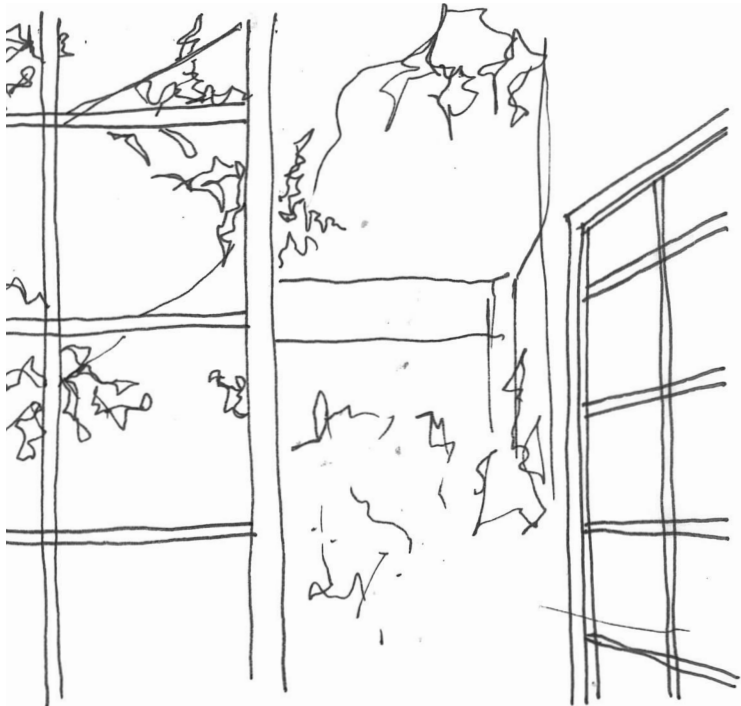
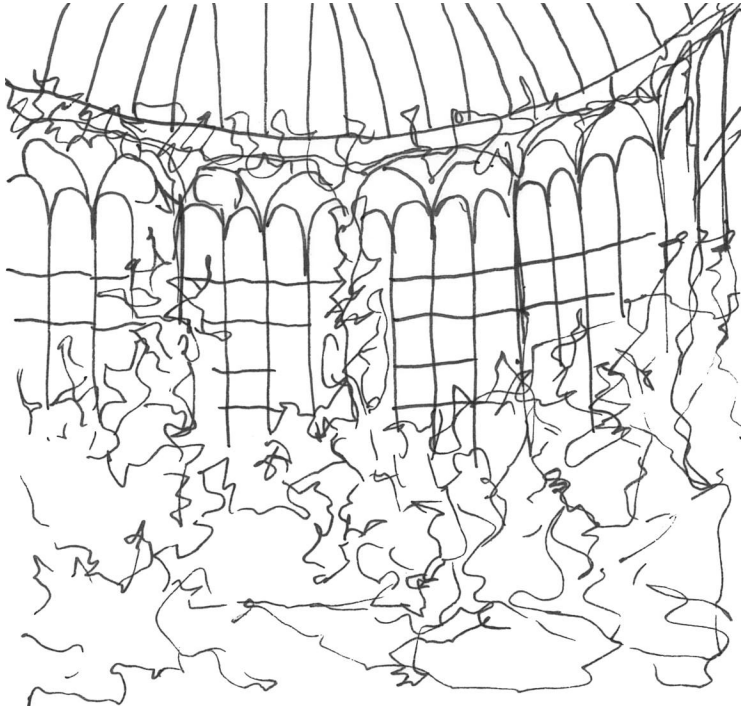
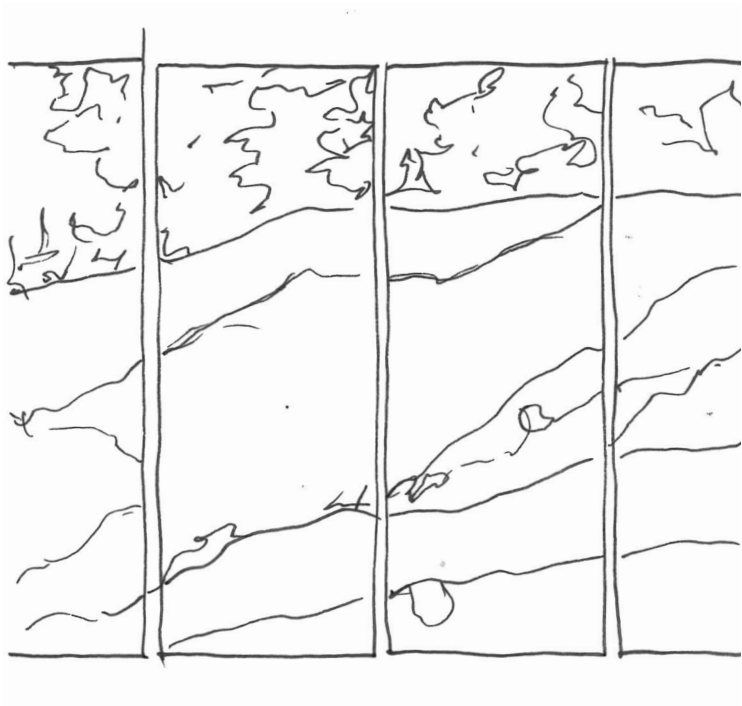
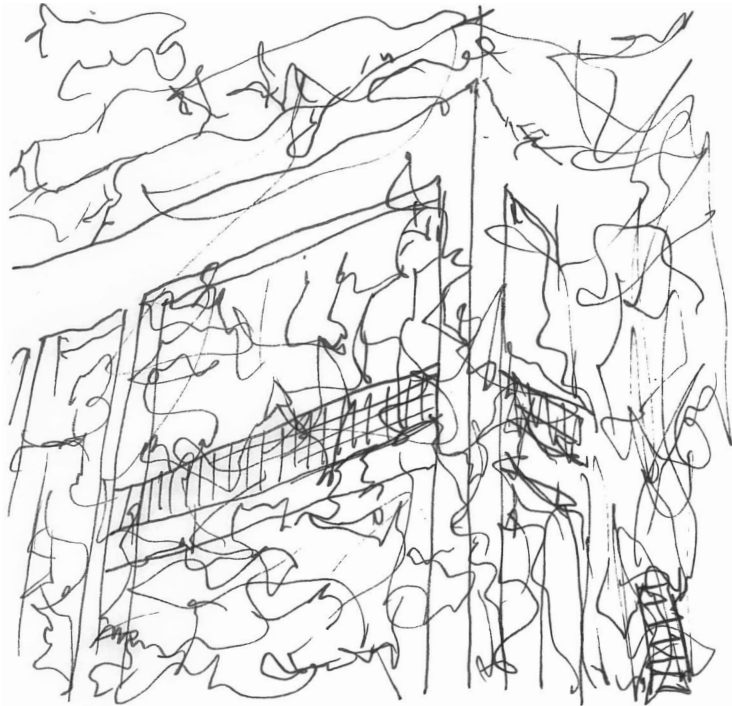




# OUTSIDE - INSIDE

Where nature and architecture meet

Taking sketchingpaper off from photography





# MAGNETIC

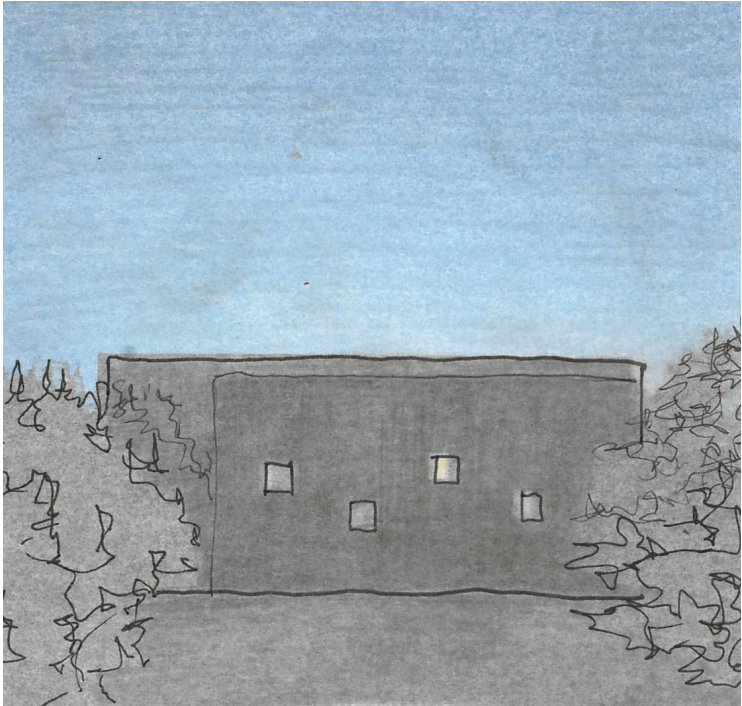
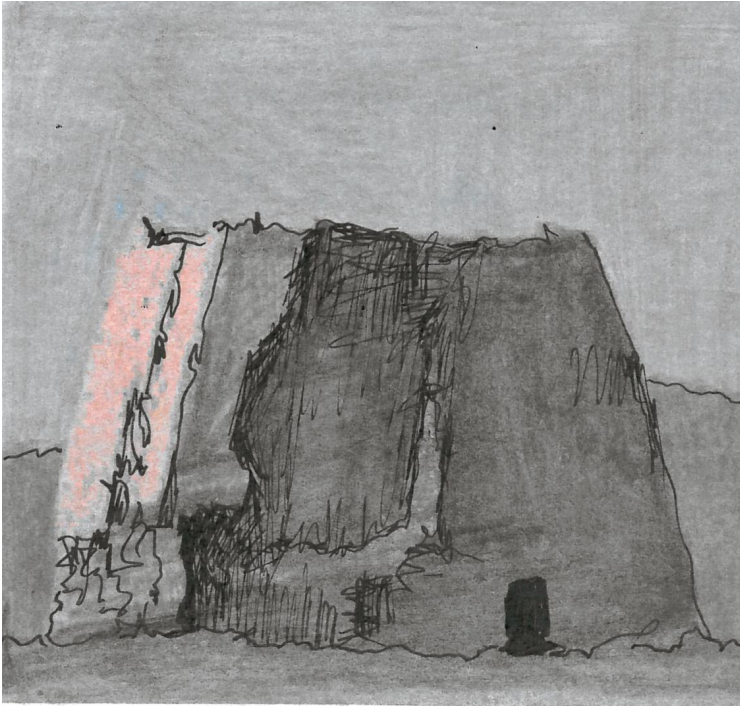
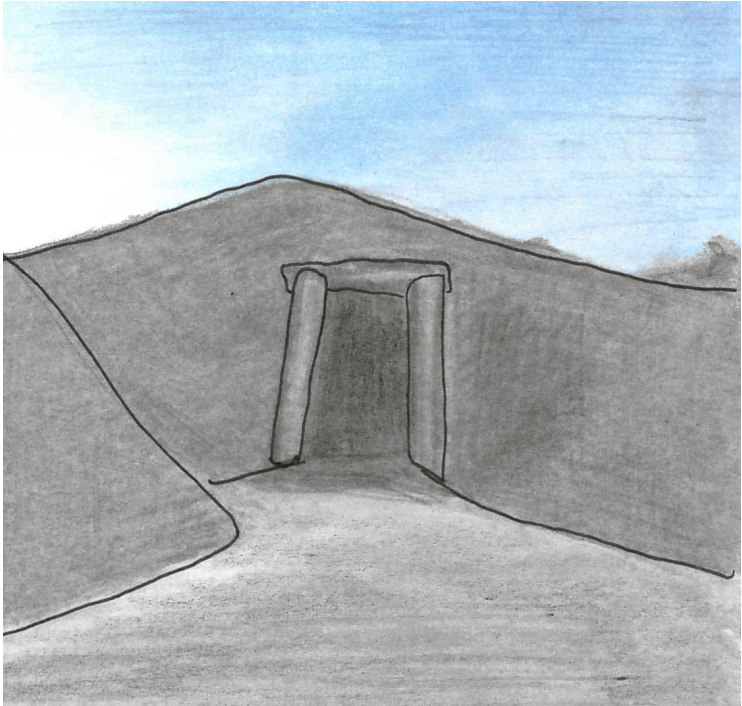
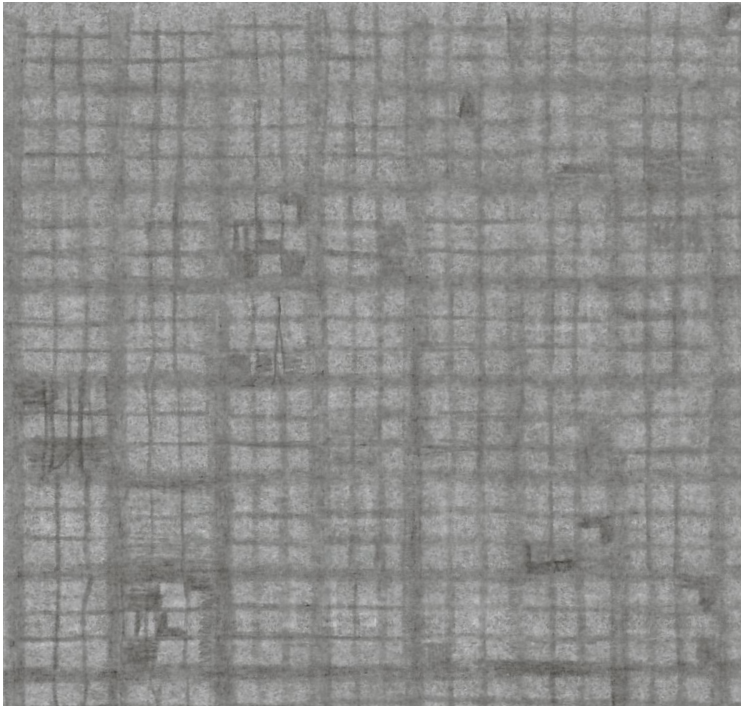
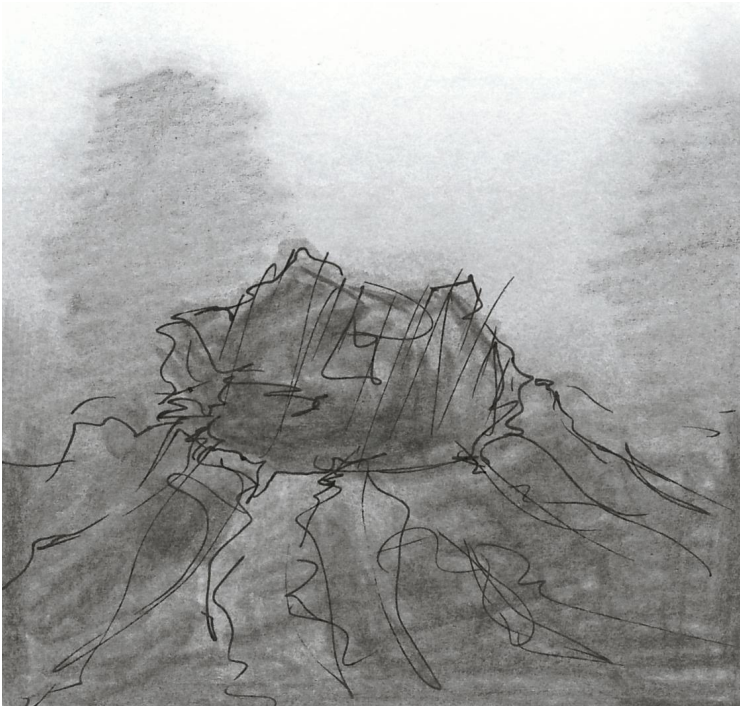
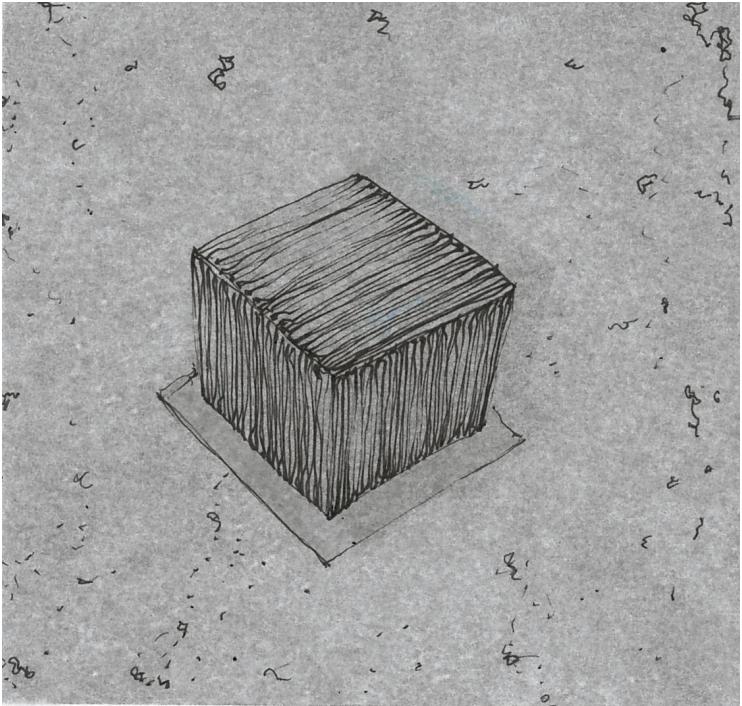
Density and contrasting surrounding





MAGNETIC

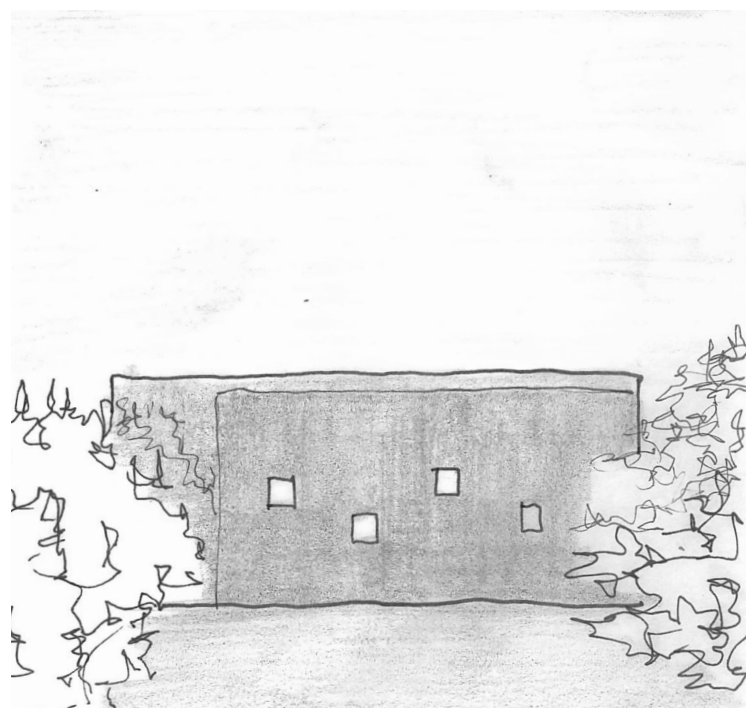
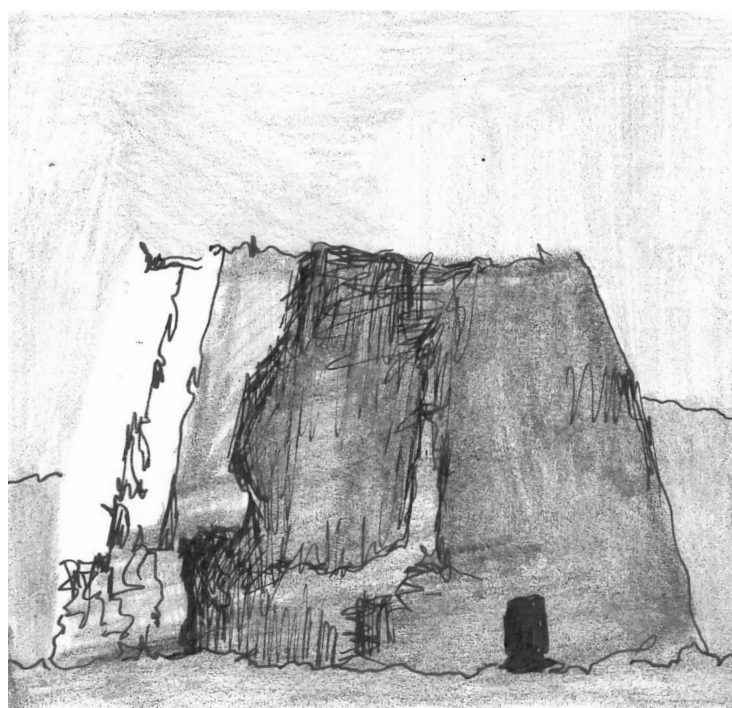
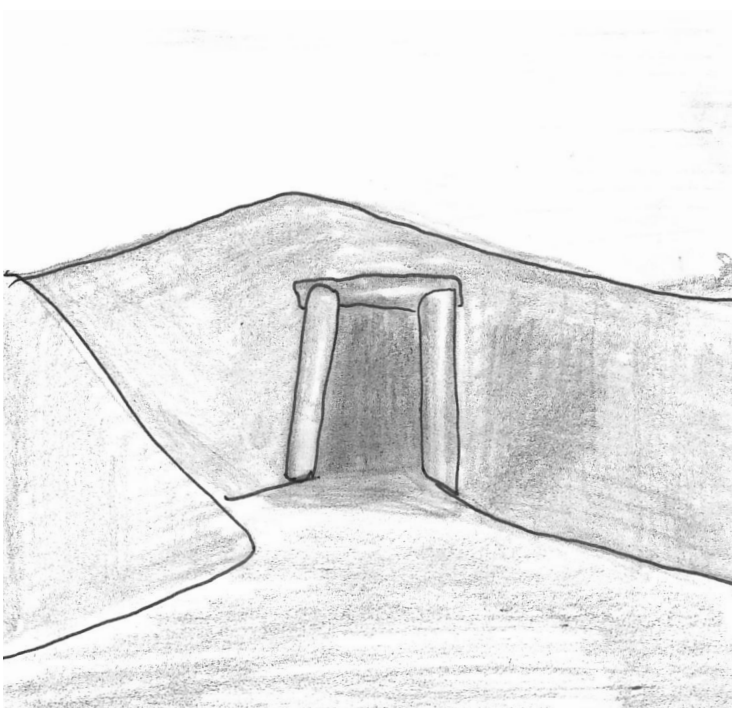
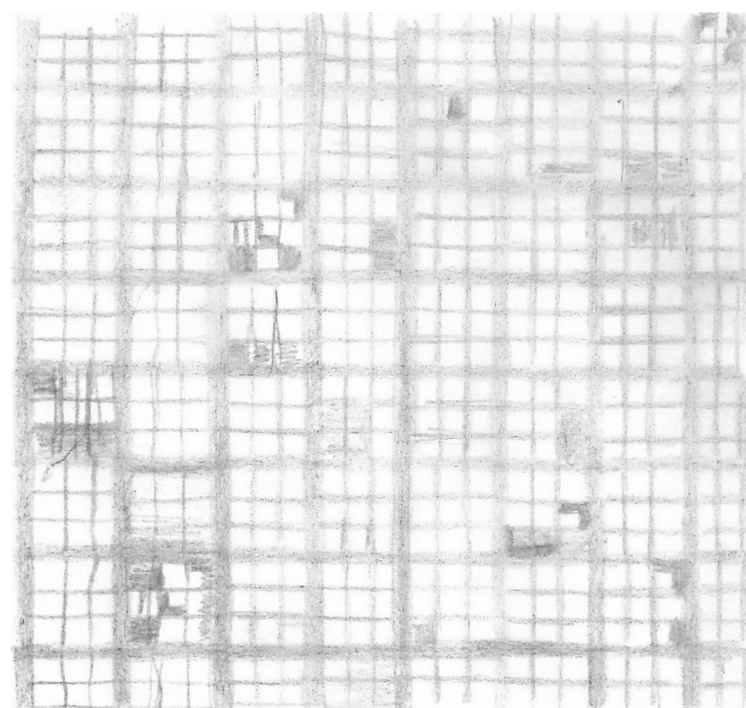
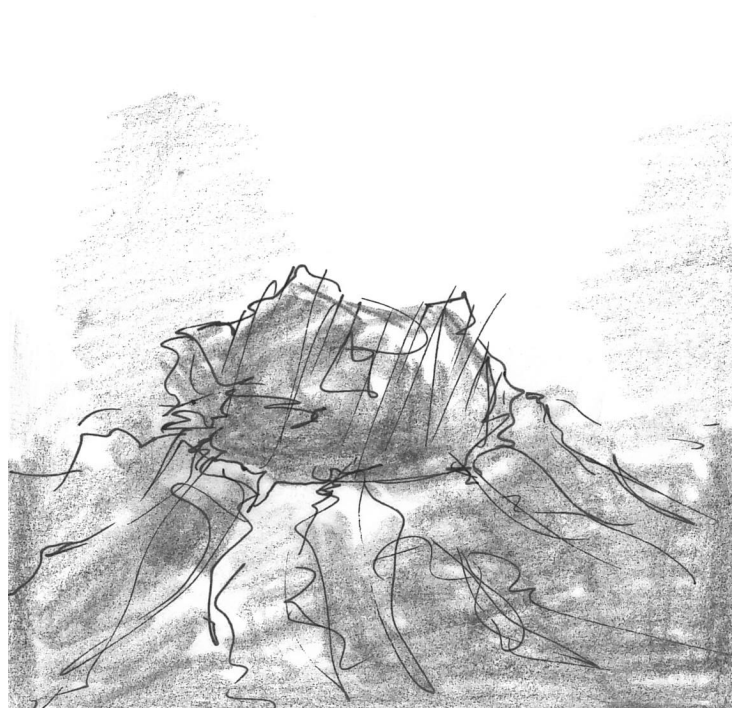
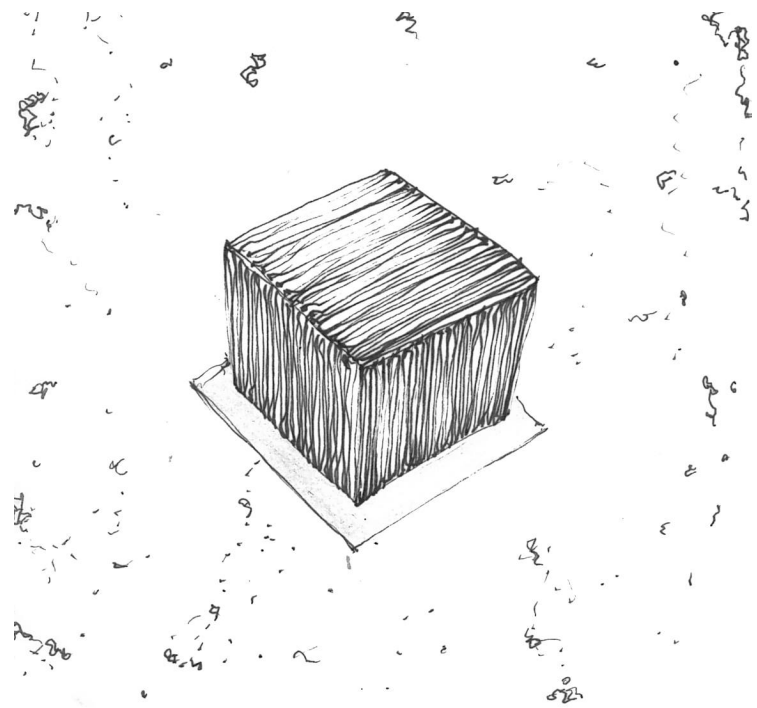
Density and contrasting surrounding





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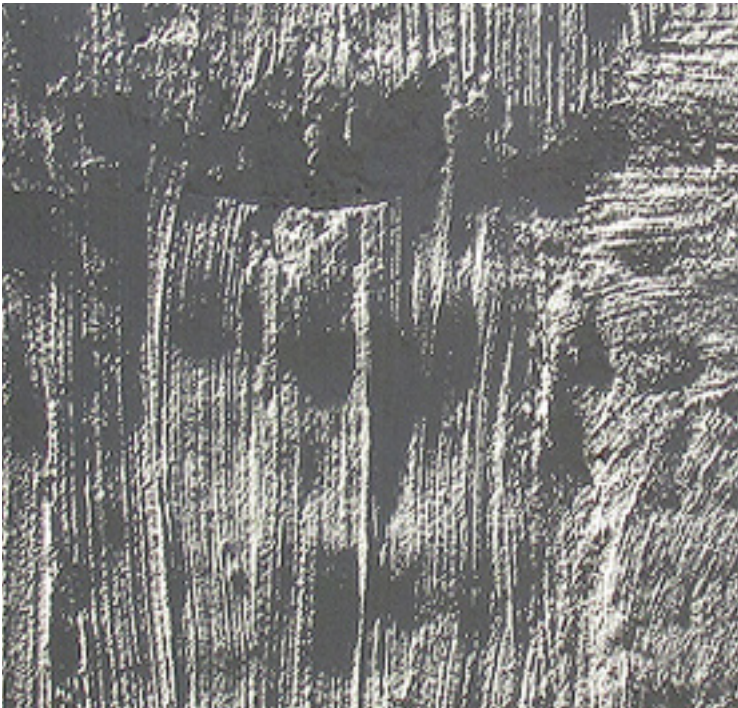
Density and contrasting surrounding





TRAILER LIGHT

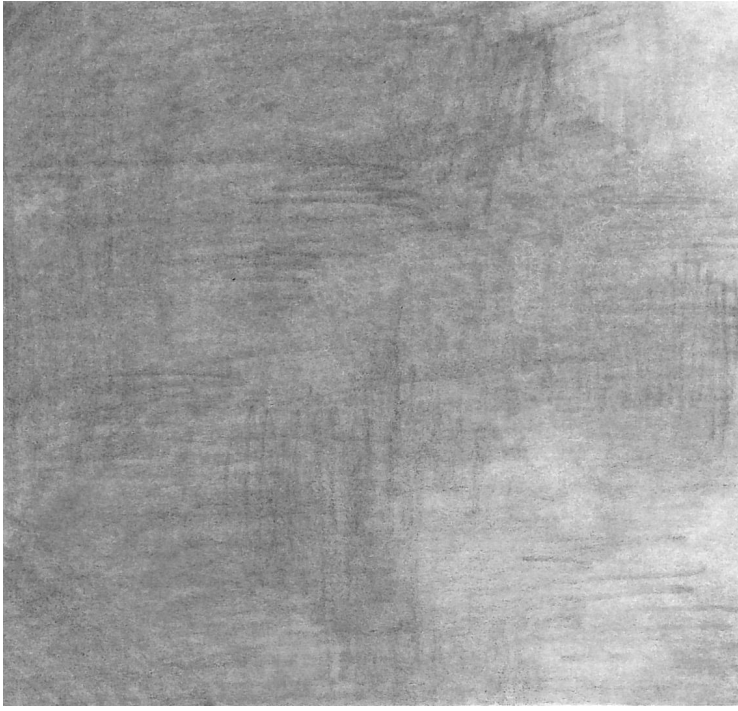
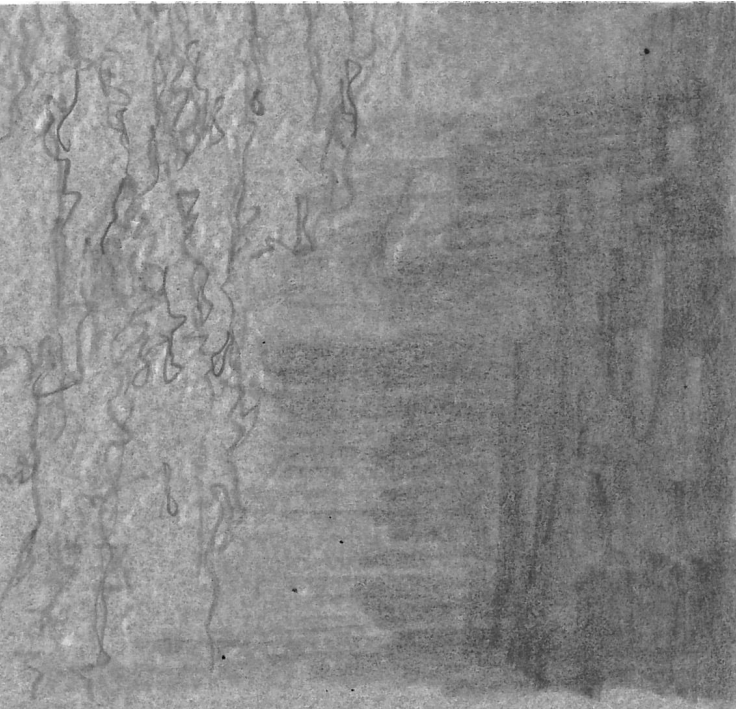
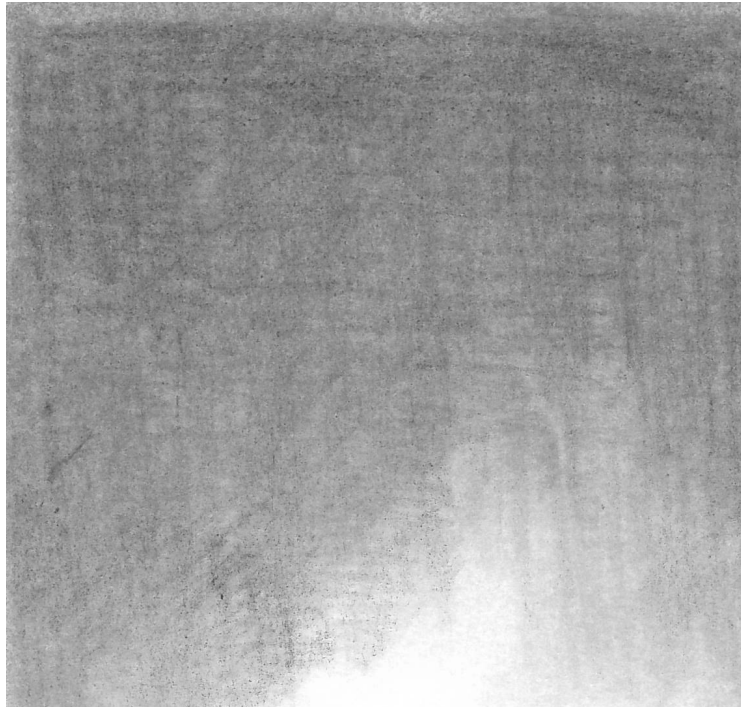
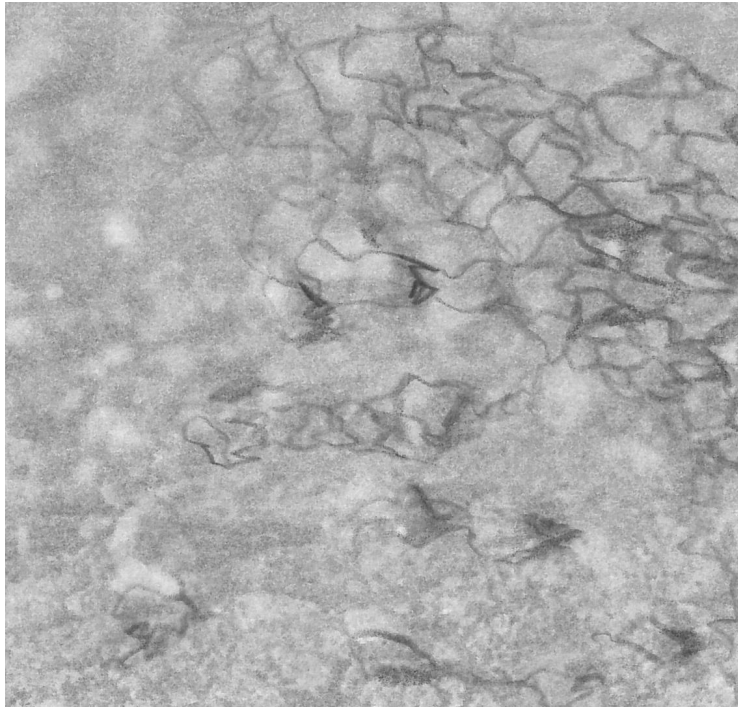
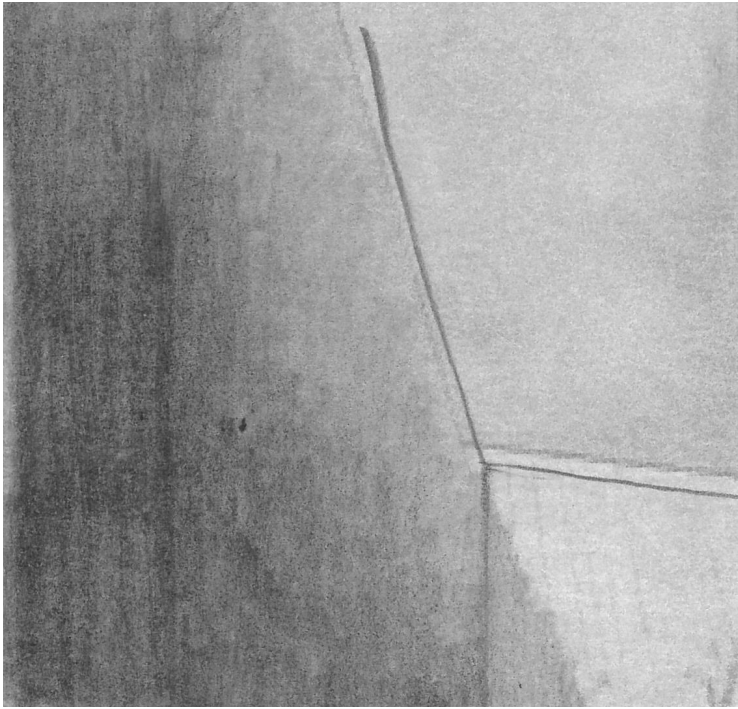
Shaping with shadows





TRAILER LIGHT

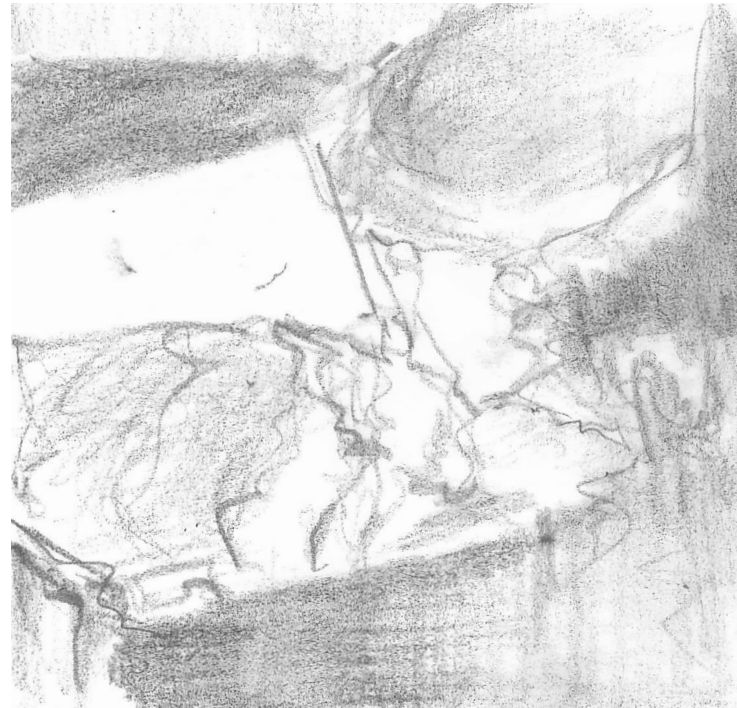
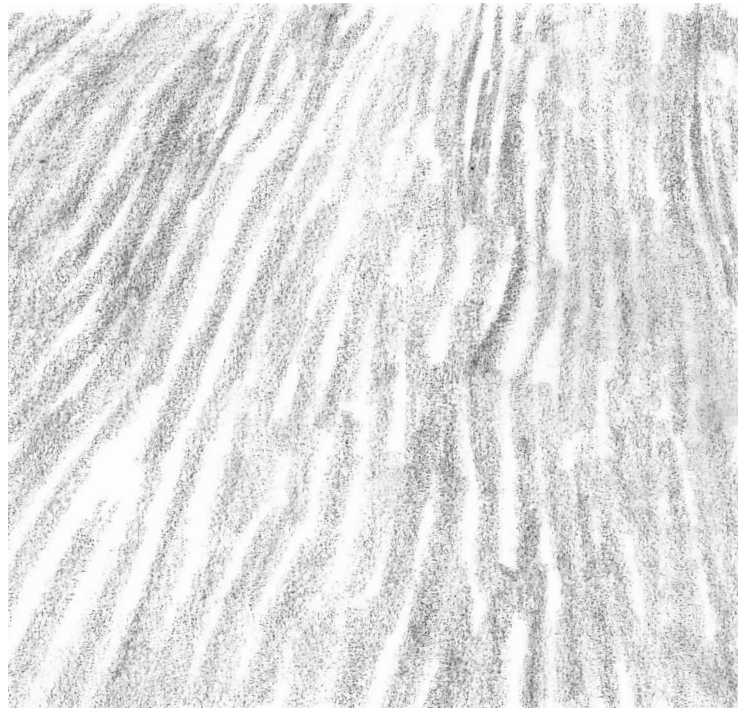
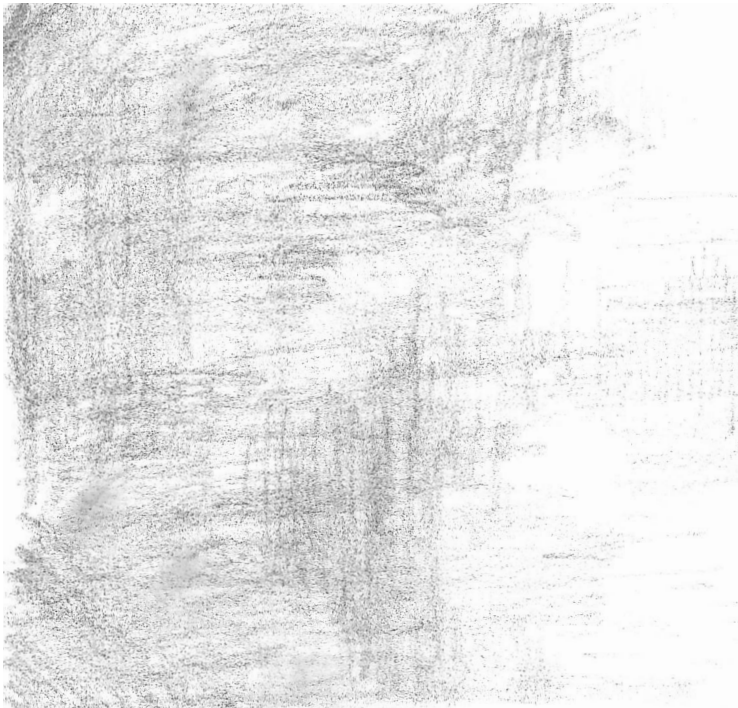
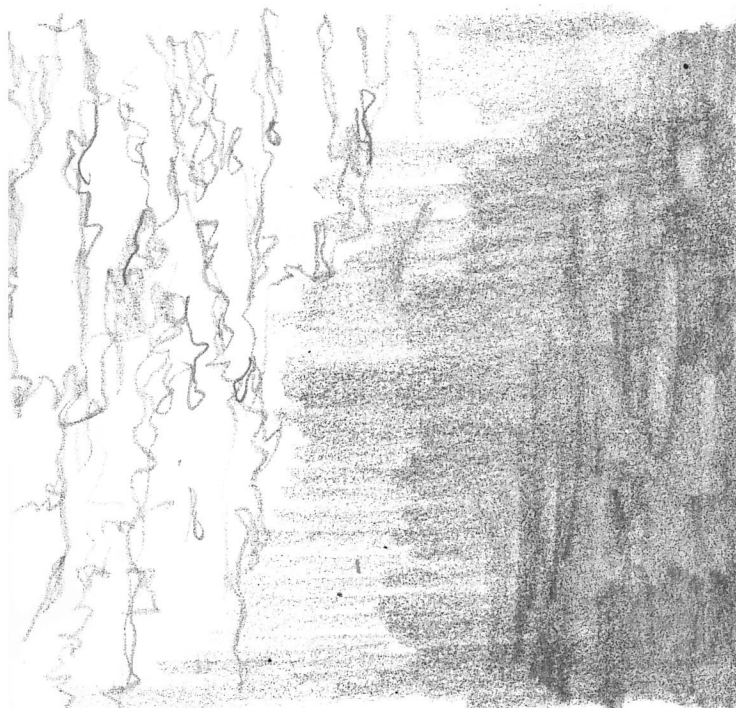
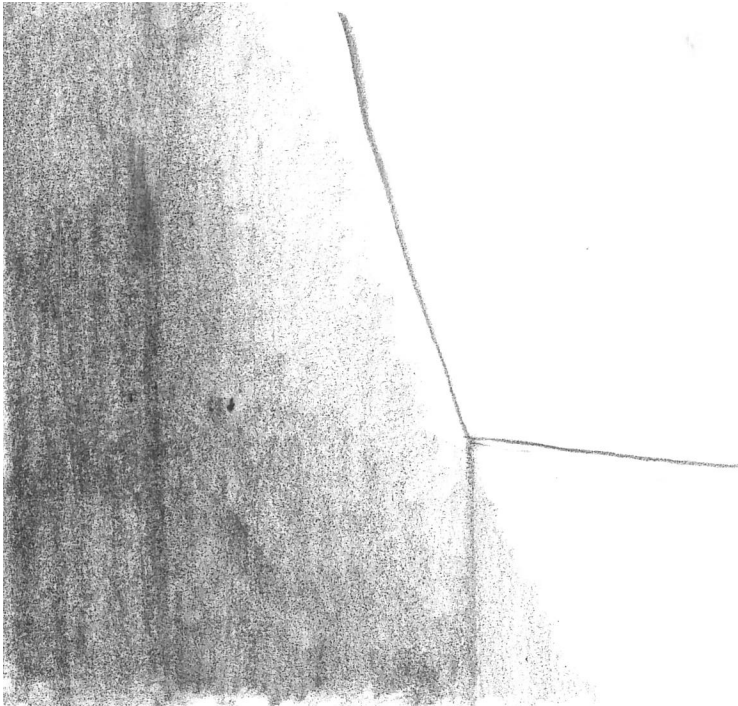
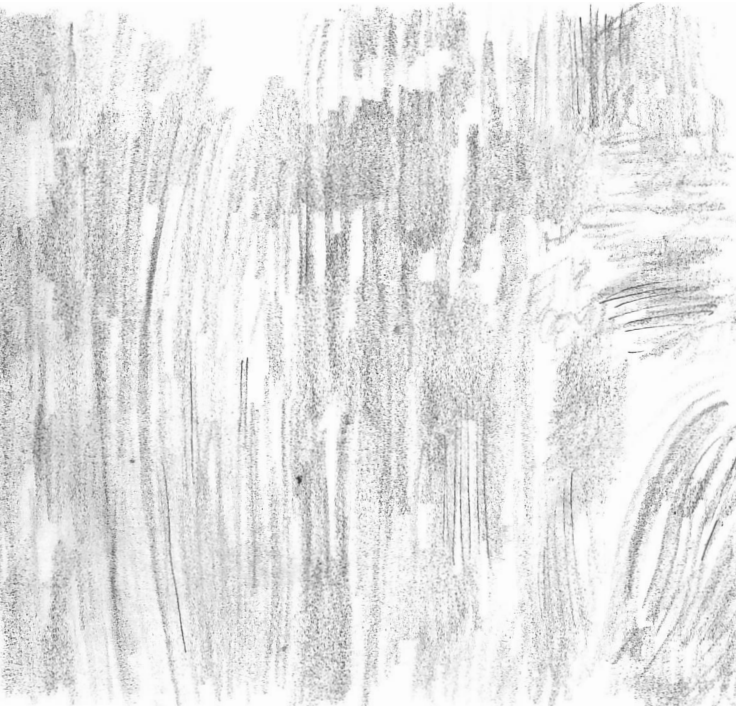
Shaping with shadows





TRAILER LIGHT

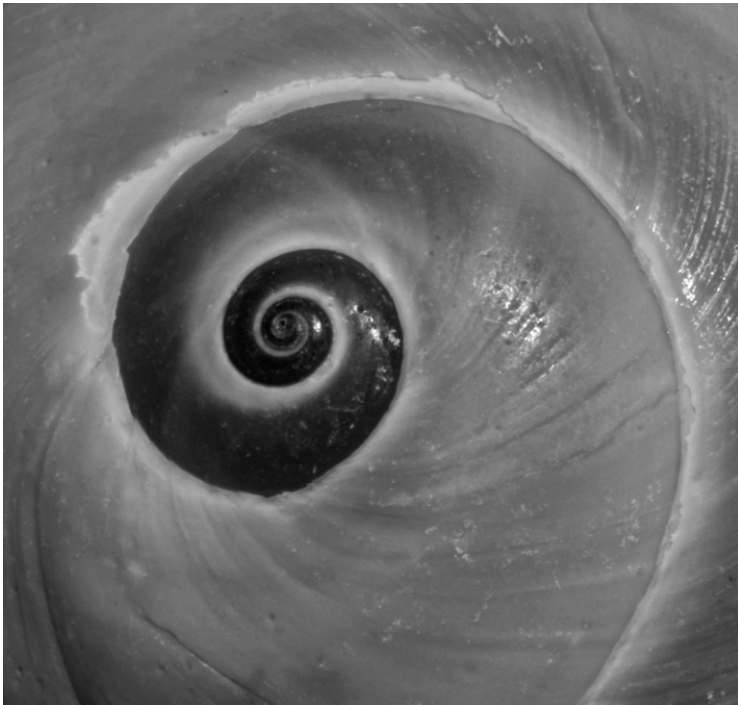
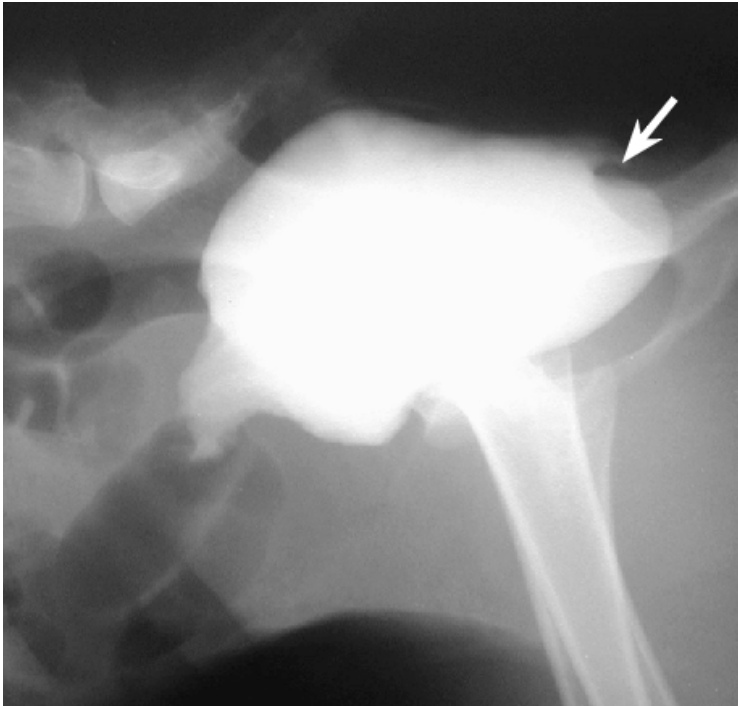
Shaping with shadows





CENTERED

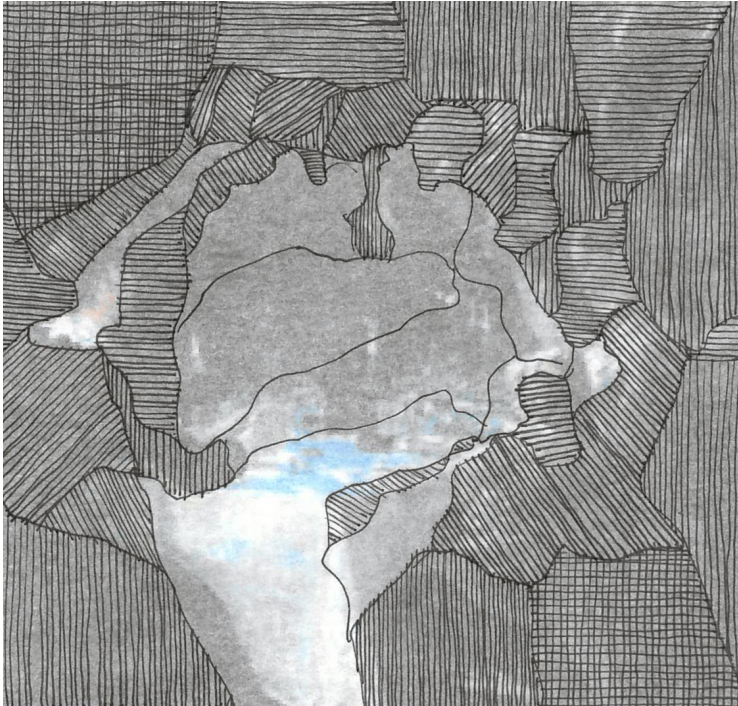
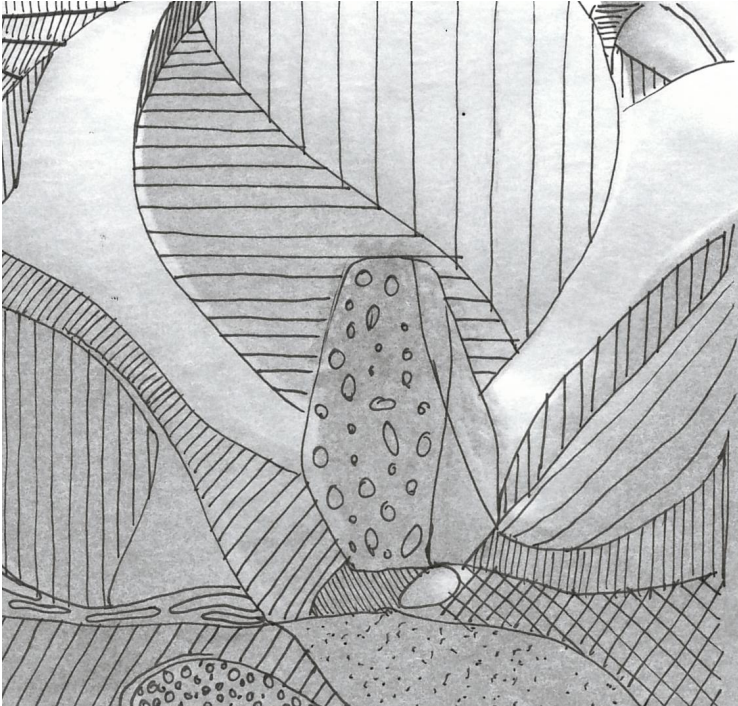
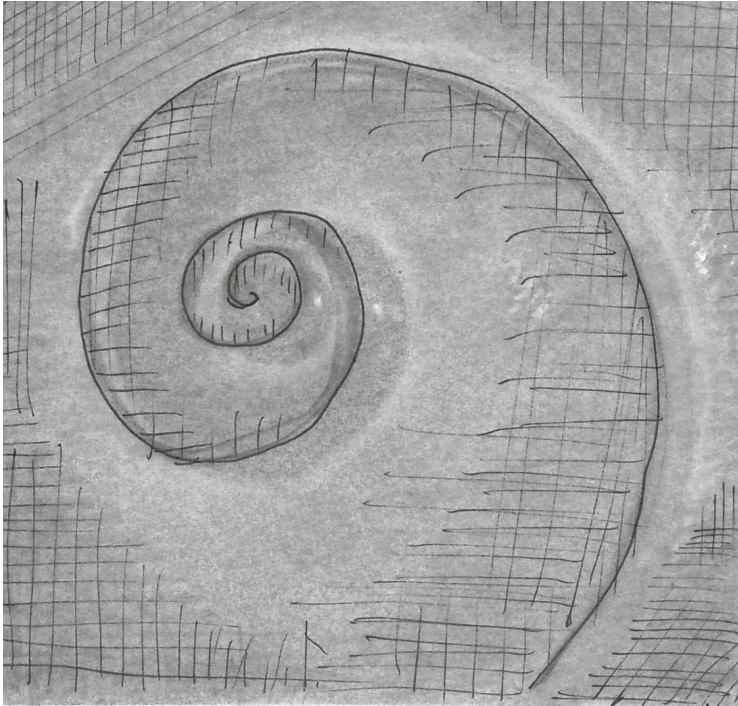
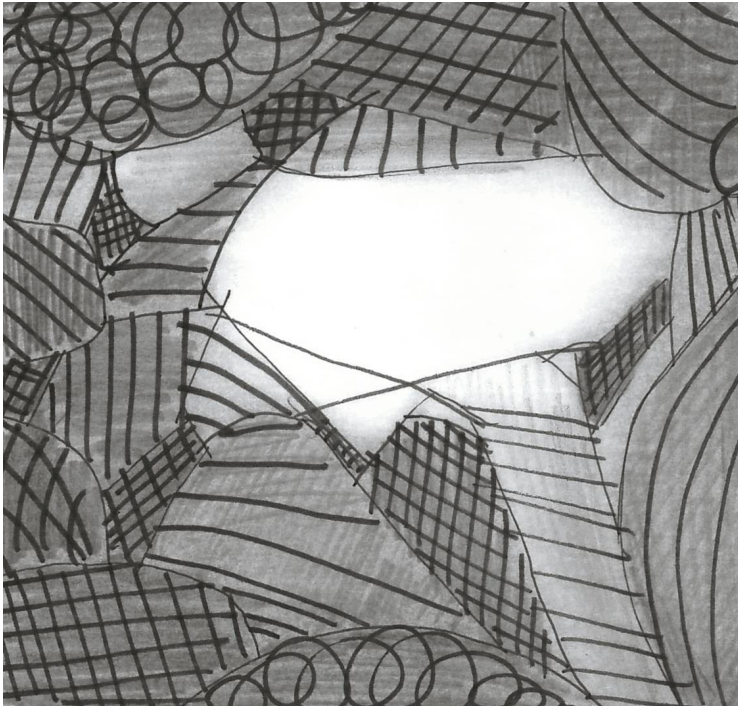
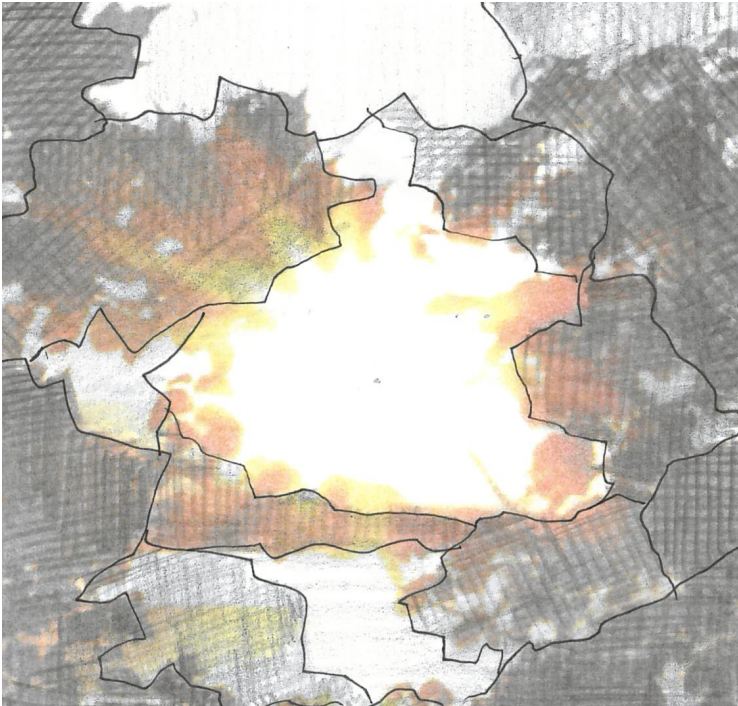
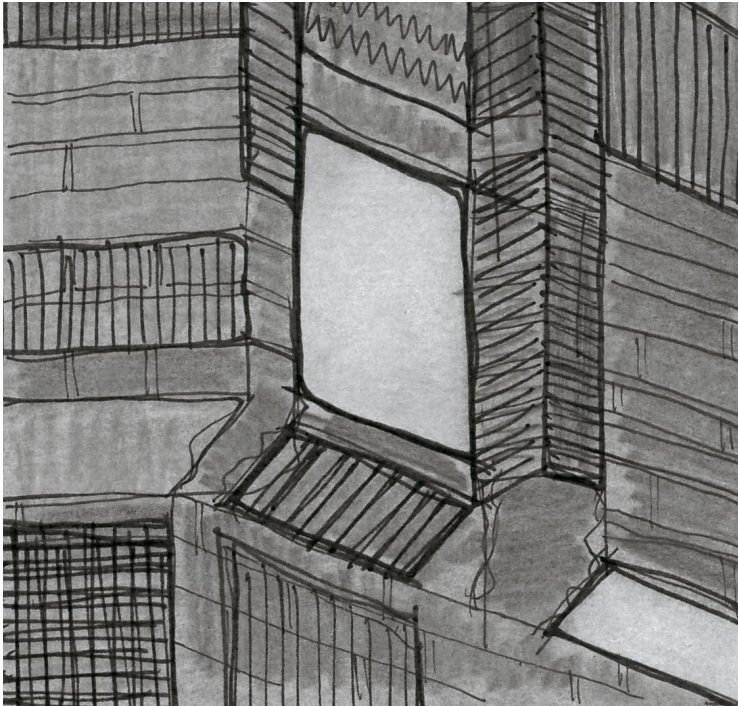
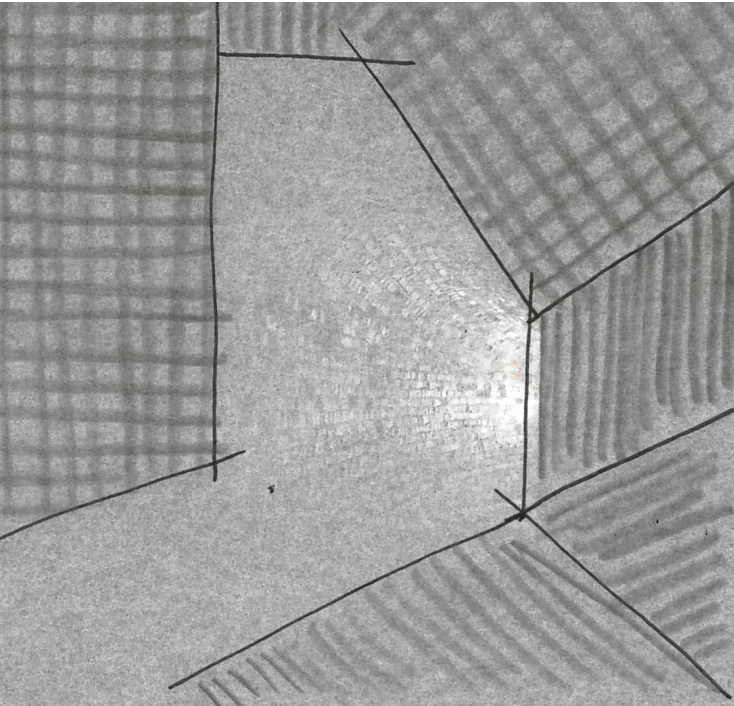
Core surrounded by matter in variated shapes and density





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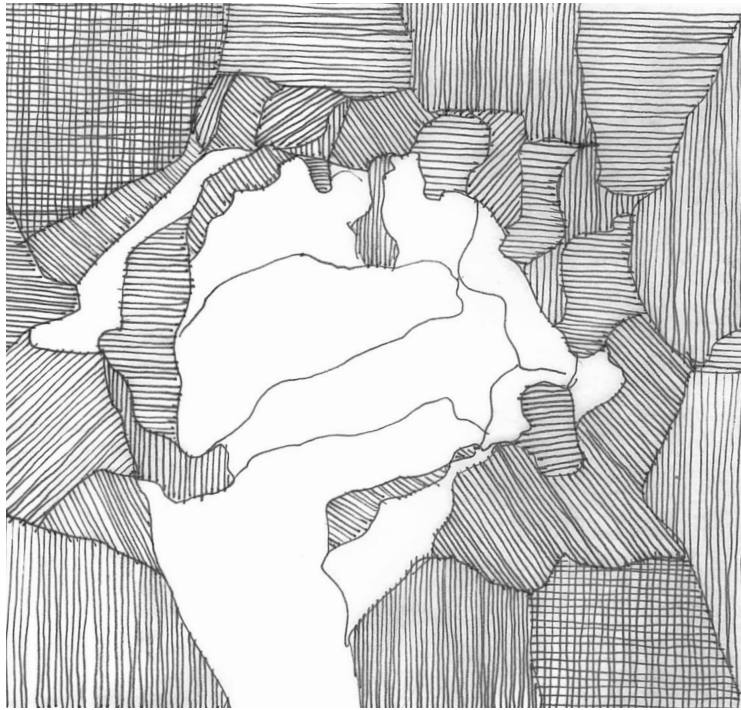
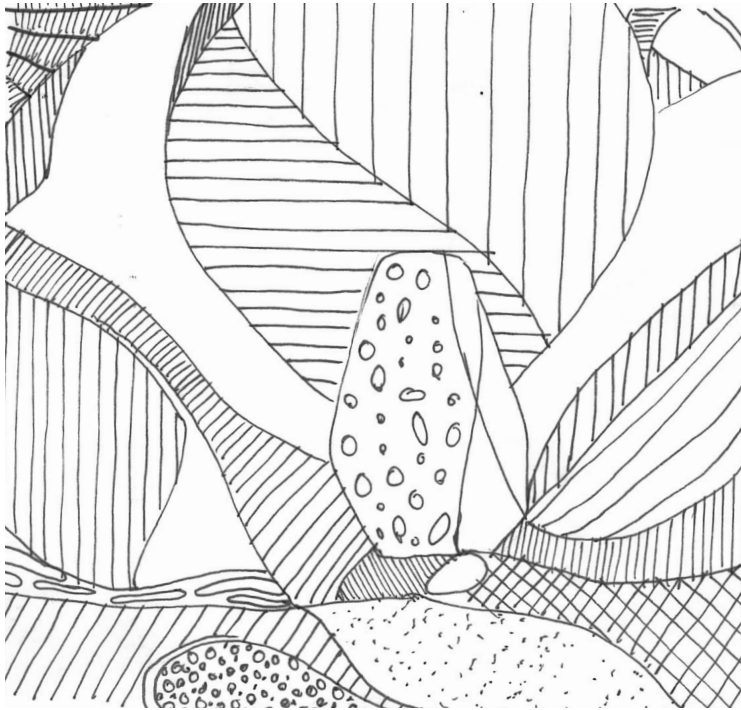
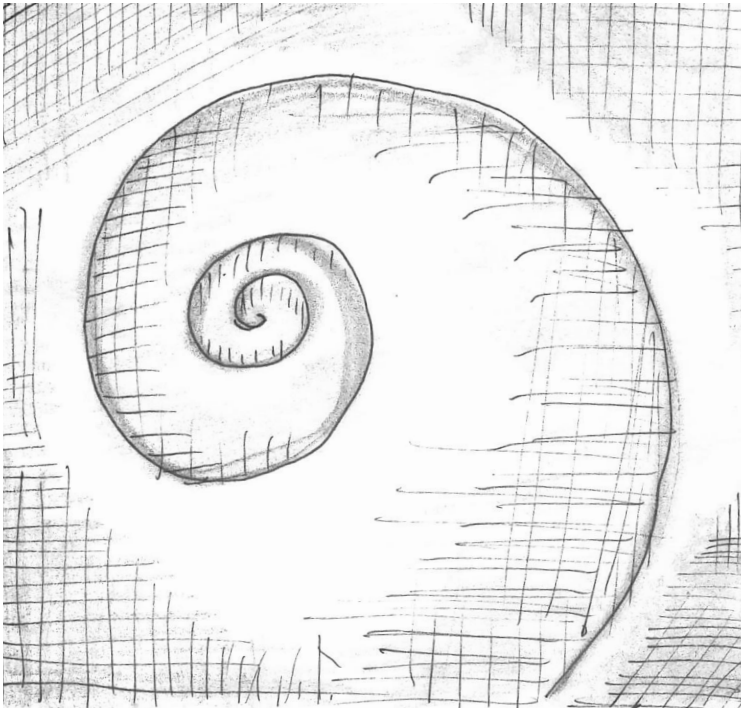
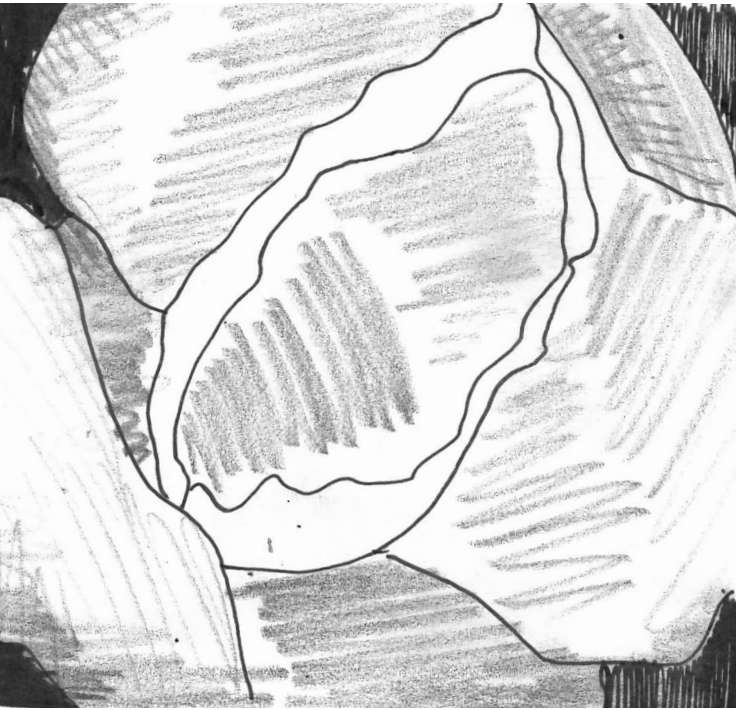
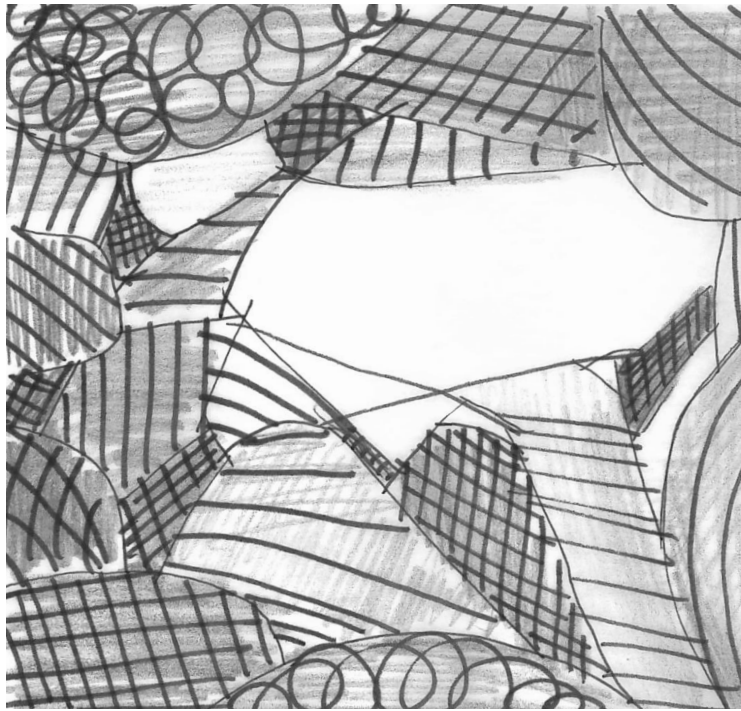
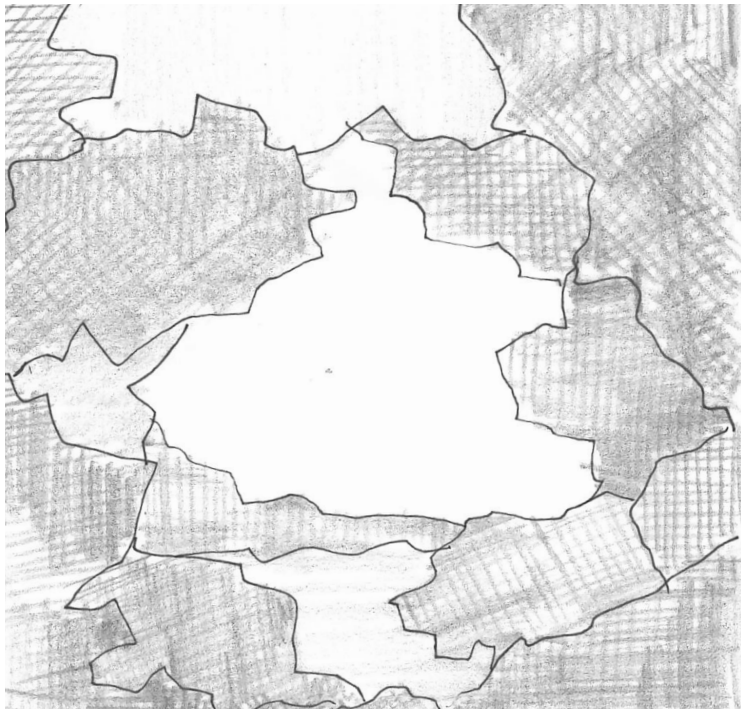
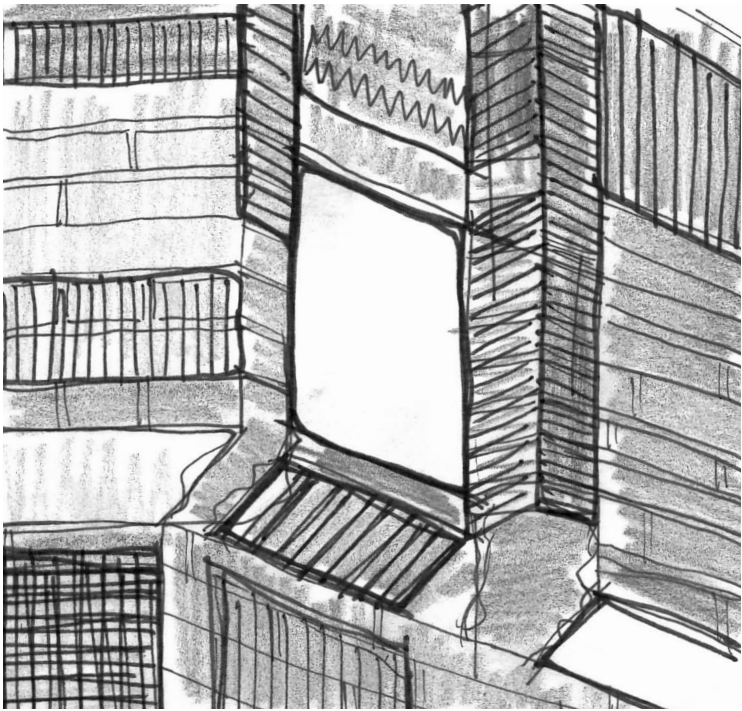
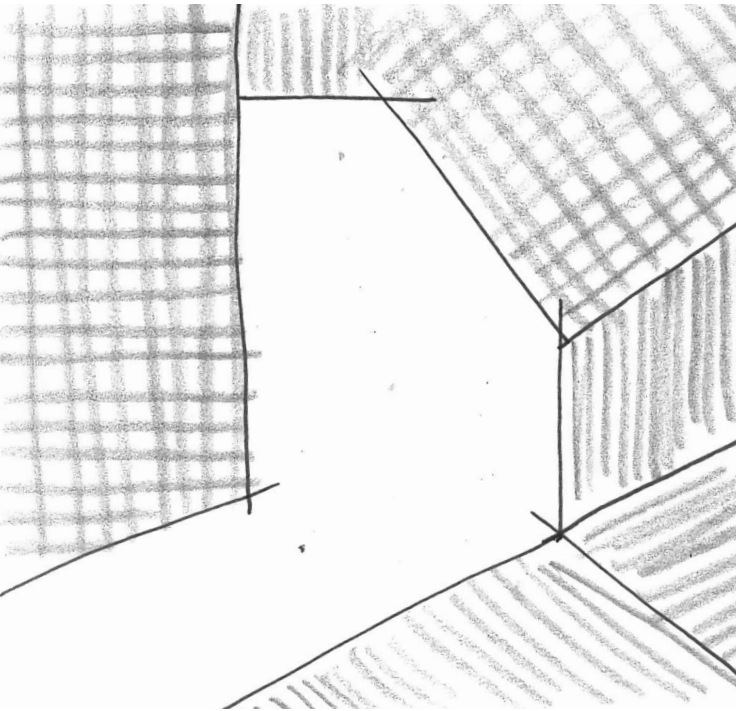
Core surrounded by matter in variated forms and density





CENTERED

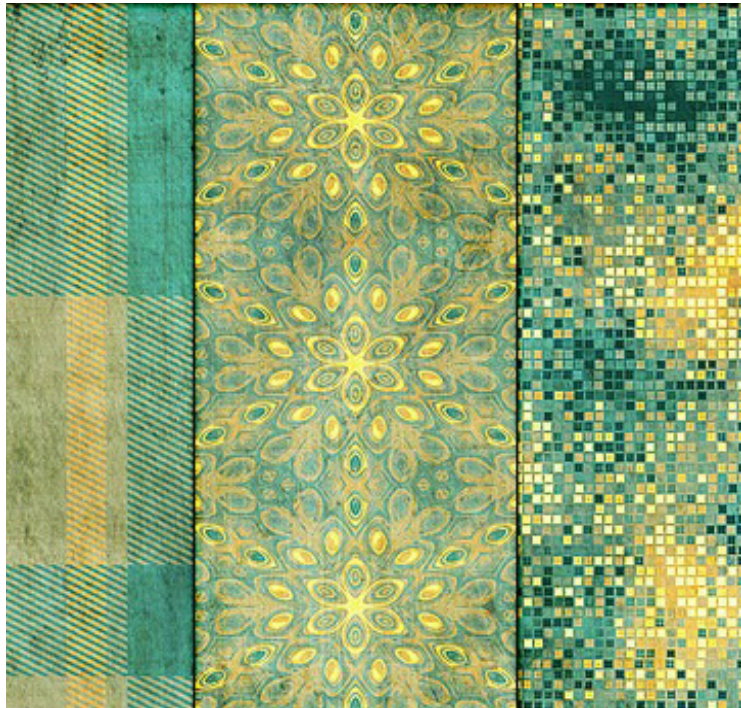
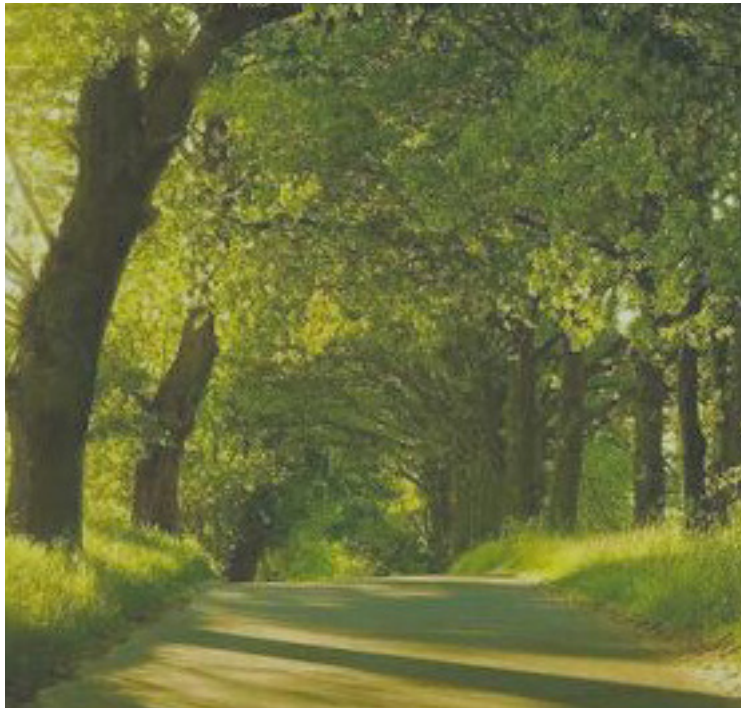
Core surrounded by matter in variated shapes and density





REFLECTIONS/PATTERNS

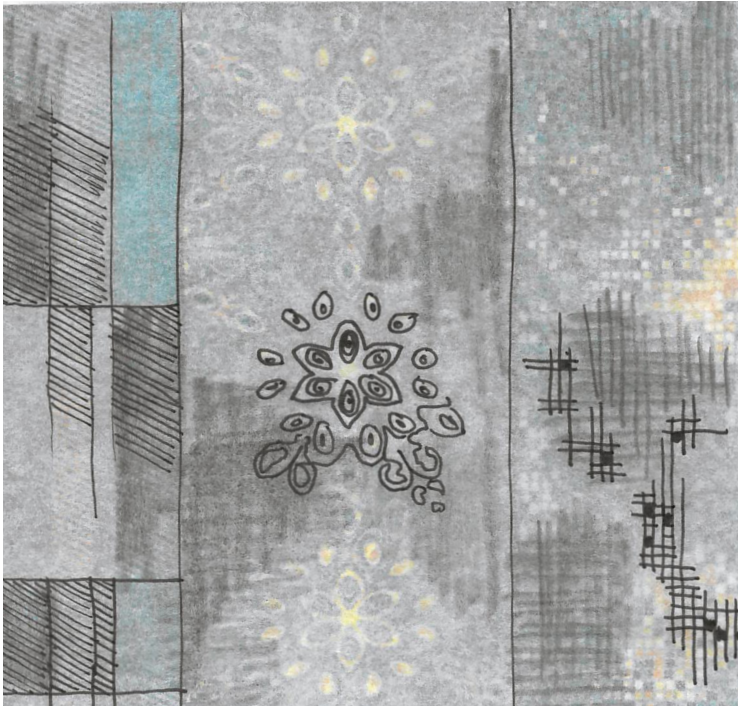
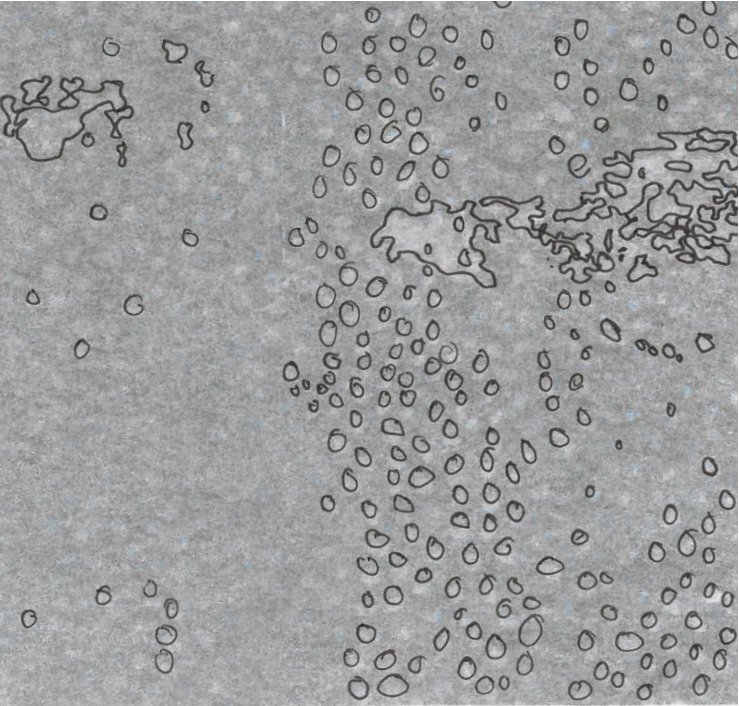
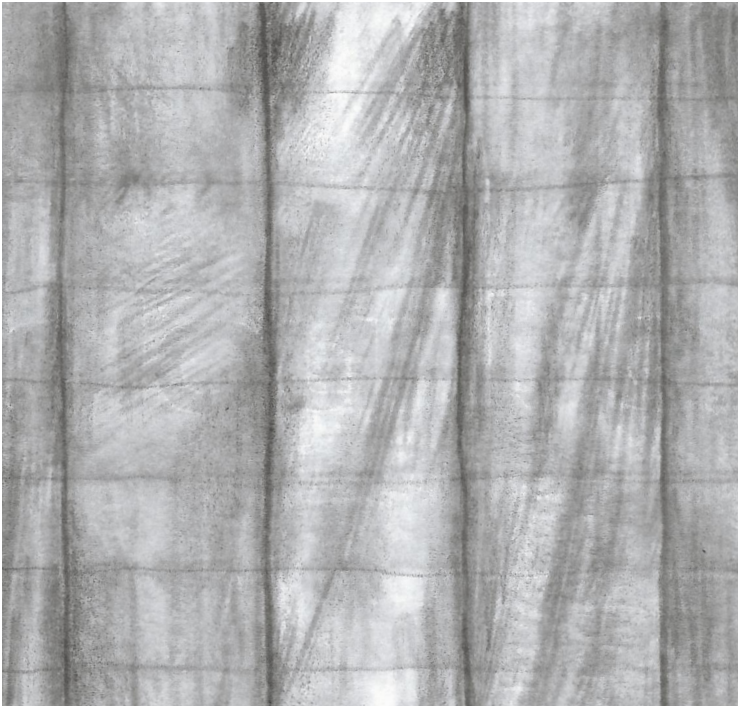
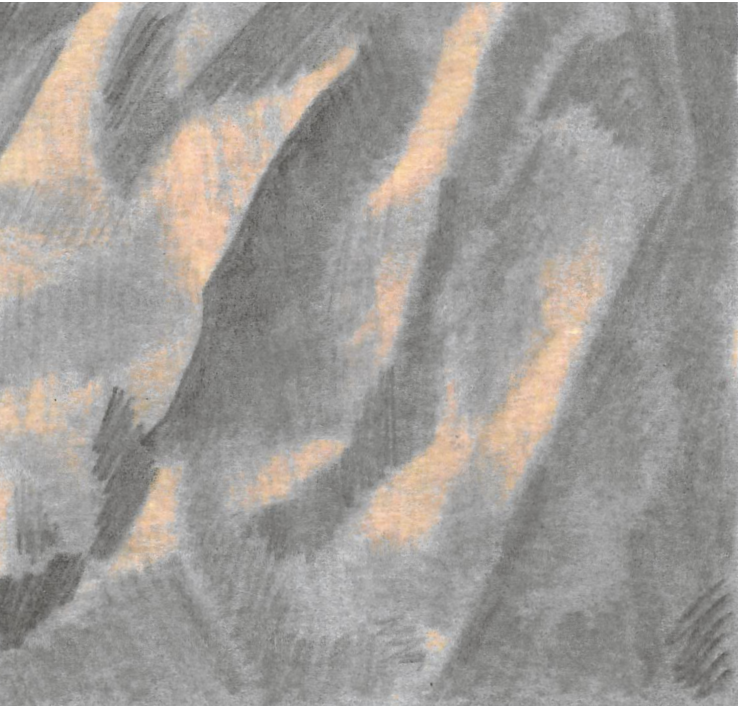
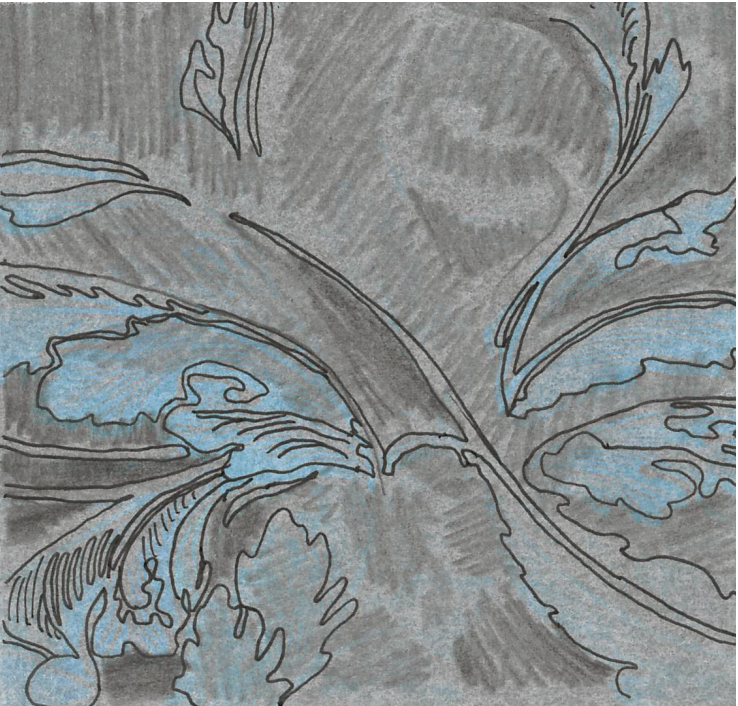
Patterns and reflections imitating nature





REFLECTIONS/PATTERNS

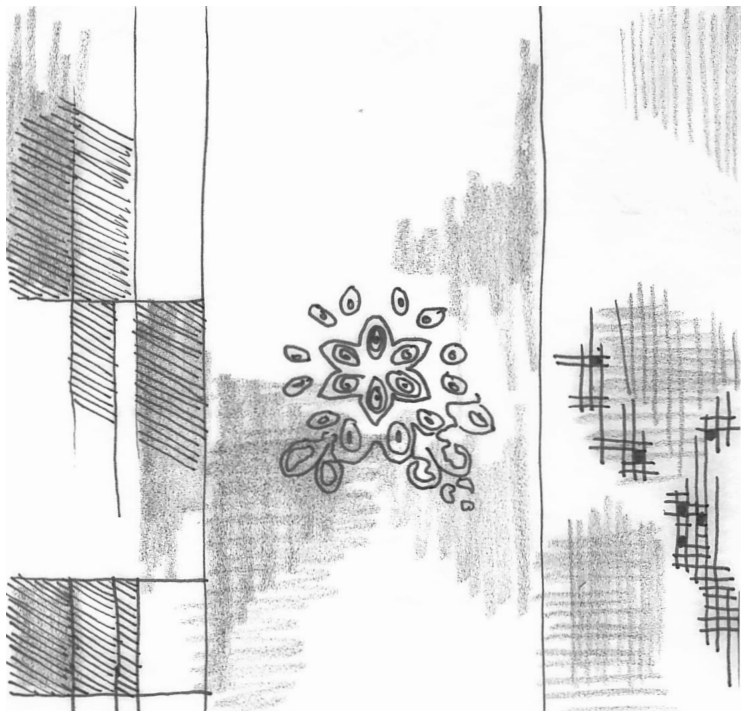
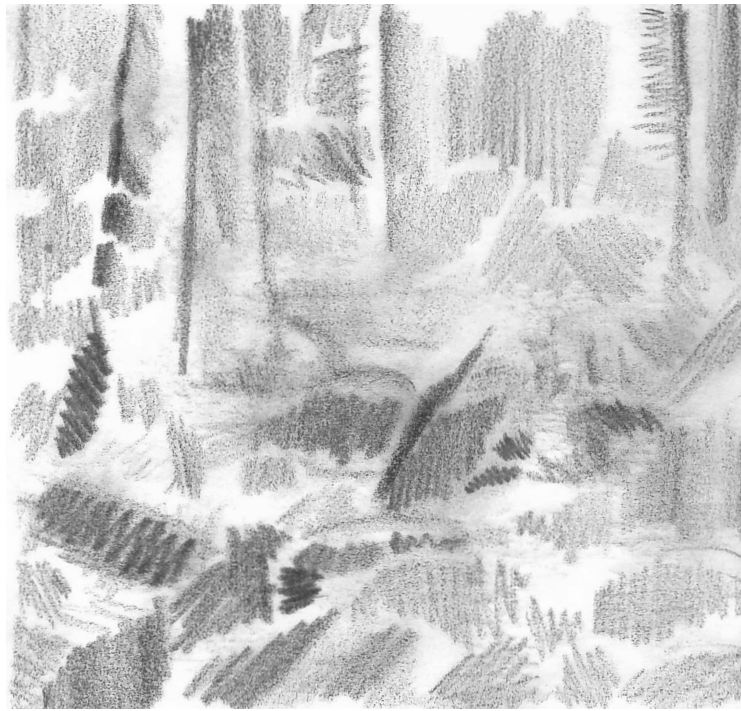
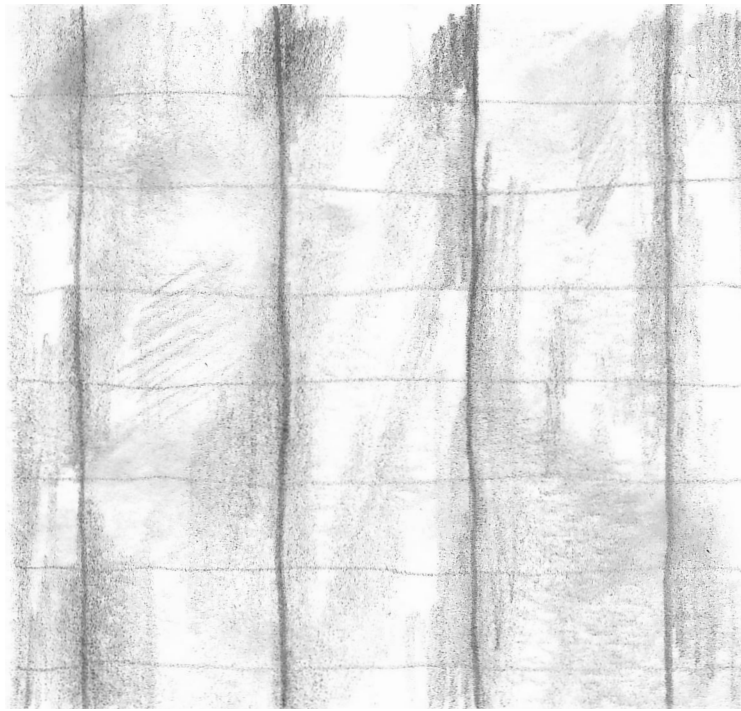
Patterns and reflections imitating nature





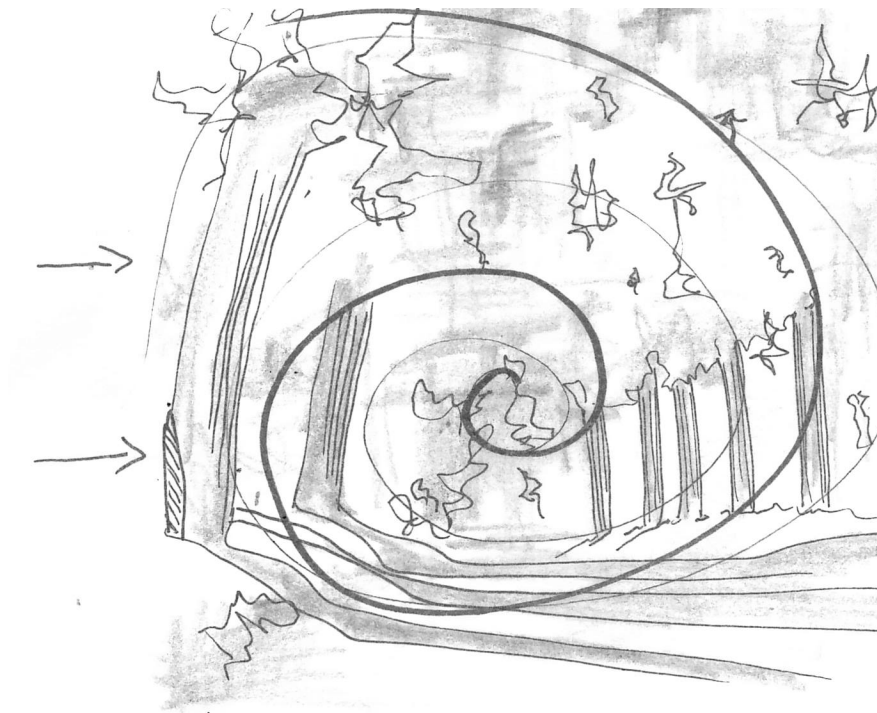
REFLECTIONS/PATTERNS

Patterns and reflections imitating nature





# CONCLUSION SKETCH

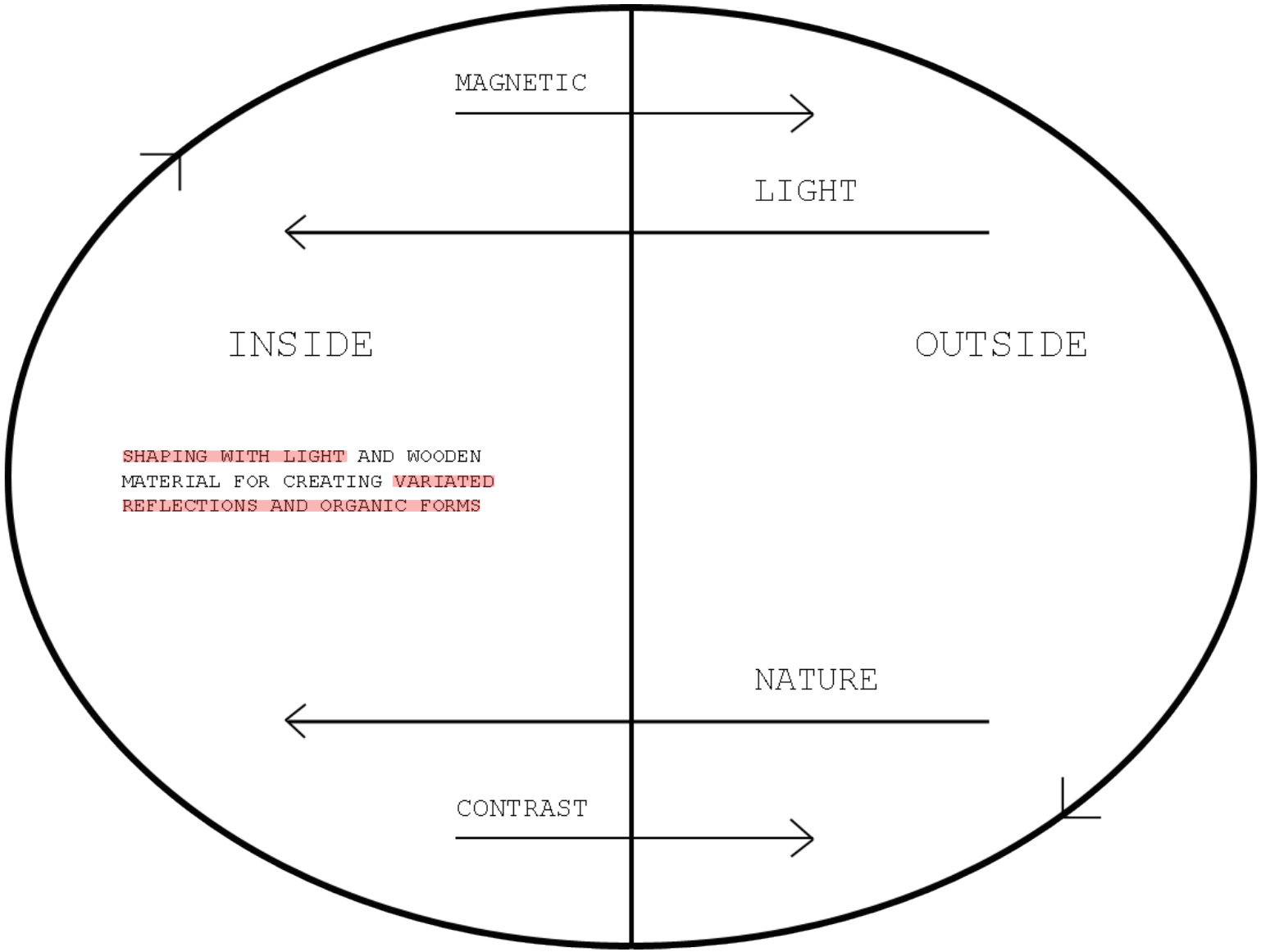


- light from the side
- light-reflections in nature
- contrast in forms - straight and curved
- core surrounded by matter
- circular movement
- variation in reflections



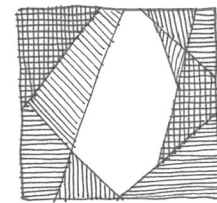
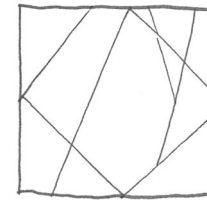
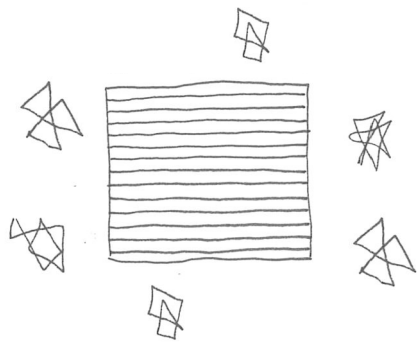
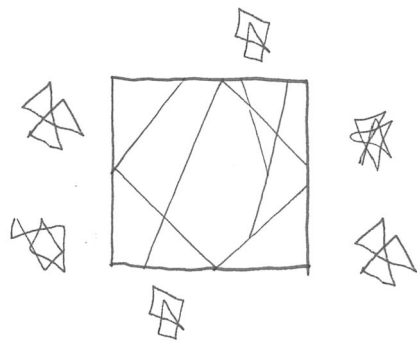
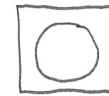
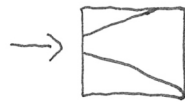
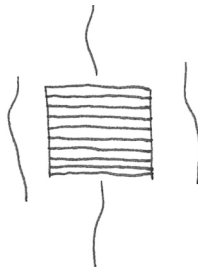
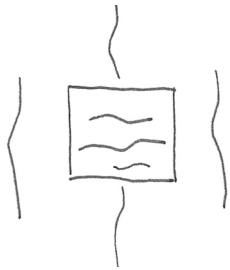
# CONCLUSION DIAGRAM

The circle represents orbit, that what comes from nature goes back to nature





PROTOTYPES



OUTSIDE - INSIDE

MAGNETIC

TRAILER LIGHT

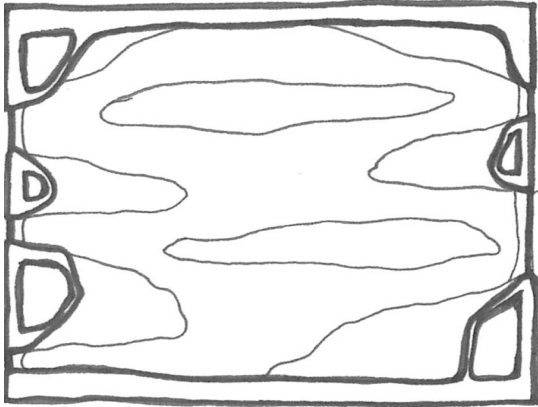
CENTERED

VARIATION

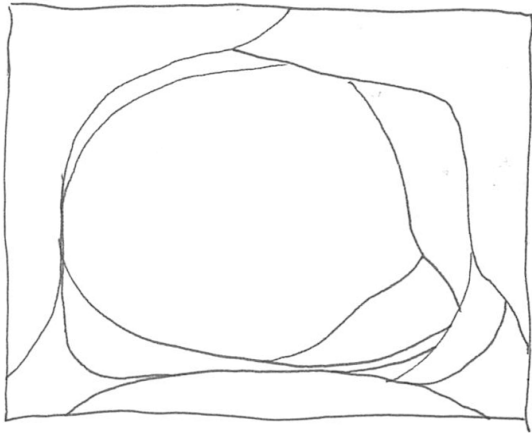


# CONCEPT MODEL

A squareformed model with functions along the walls  
and inside the walls, where space is centered and  
light comes thorough the sides



SECTION



PLAN



# CASE STUDIES

Building philosophies

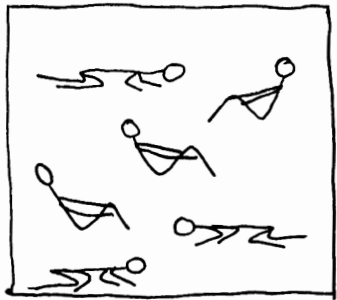


1  
1 Sou Fujimoto - Final wooden house

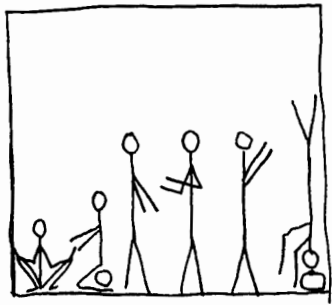


1  
1 Le Corbusier - Le Cabanon

## PROTOTYPES



Functions in  
variated heights



Tailor-made  
functions



# CASE STUDIES

Building technology

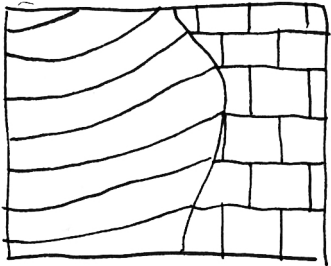


1  
Snöhetta - Tverrfjellhytta

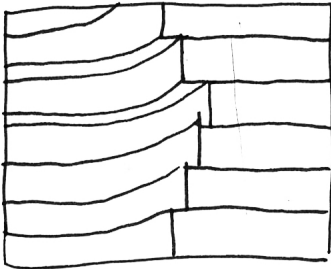


1  
Termite Pavvillion

## PROTOTYPES



Digitally  
controlled 3d  
milling on a core  
of wooden timber



Prefabricated  
cnc-cut on cross  
laminated timber



# METHOD

The process starts with an intention, a picture in my head, a feeling..translated in to words - a poem or a memory.

Then i google photos reffering to what i have in mind. Pretty loose and random. Printing and sketching those pictures with sketching paper.

Taking the sketch off from the picture and another interpretation is becoming visible. Describing with words what i have created.



# REFLECTION

This method is a good indication of getting started with no prestatation in mind, but more freedom to investigate. First step is to choose, when choosing a lot is ctreated and possibilities is increasing. Next step is sketching, when sketching it is becoming more obvious what I have chosen and it works in to my system. Last step is taking the sketch off, then it becomes more clear what i have created. And how to move on.

I am satisfied with this process and how it gets me rolling. Also the physical part, that it gets in to my body and works through the system. Both mind, heart and hands. The process opens up for more possibilities and details, yet becoming more clear.

What is missing is the spacial qualities. Referring to working with model. Also that there is not always you find exactly what you have in mind on google. Internet is fast but not always available.