



WOOLEN



Table of Contents

Introduction

Materials

Exploration

Portal

Repository

Appendix I - Sketches

Appendix II - Precedents



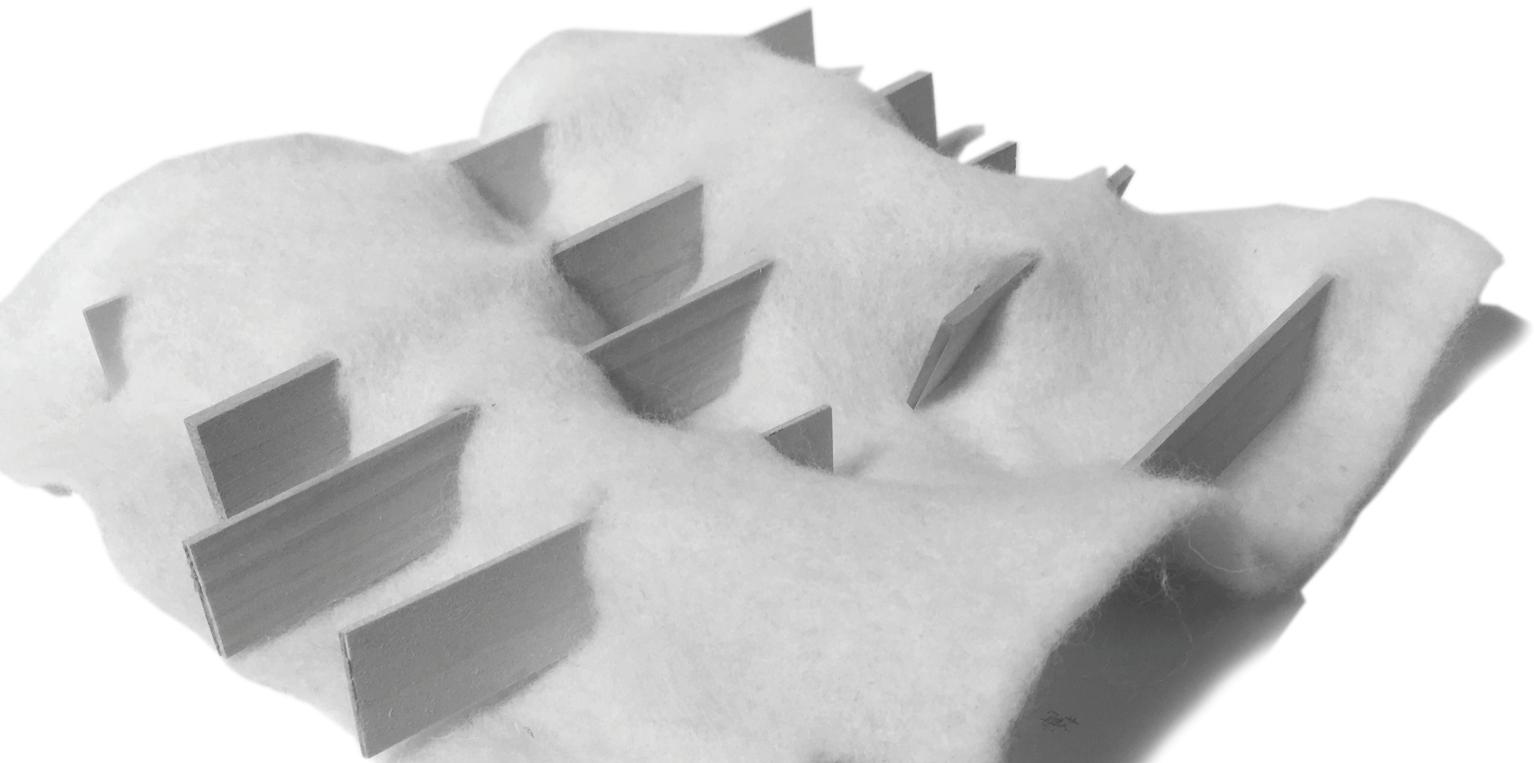
Introduction

In the speculative future, there is social equality but scarcity of resources. Man is reimagining it's relation to nature. Small communities have formed and are self-governed. Each village has learned to specialize in utilizing and harvesting a particular natural resource to live and thrive.

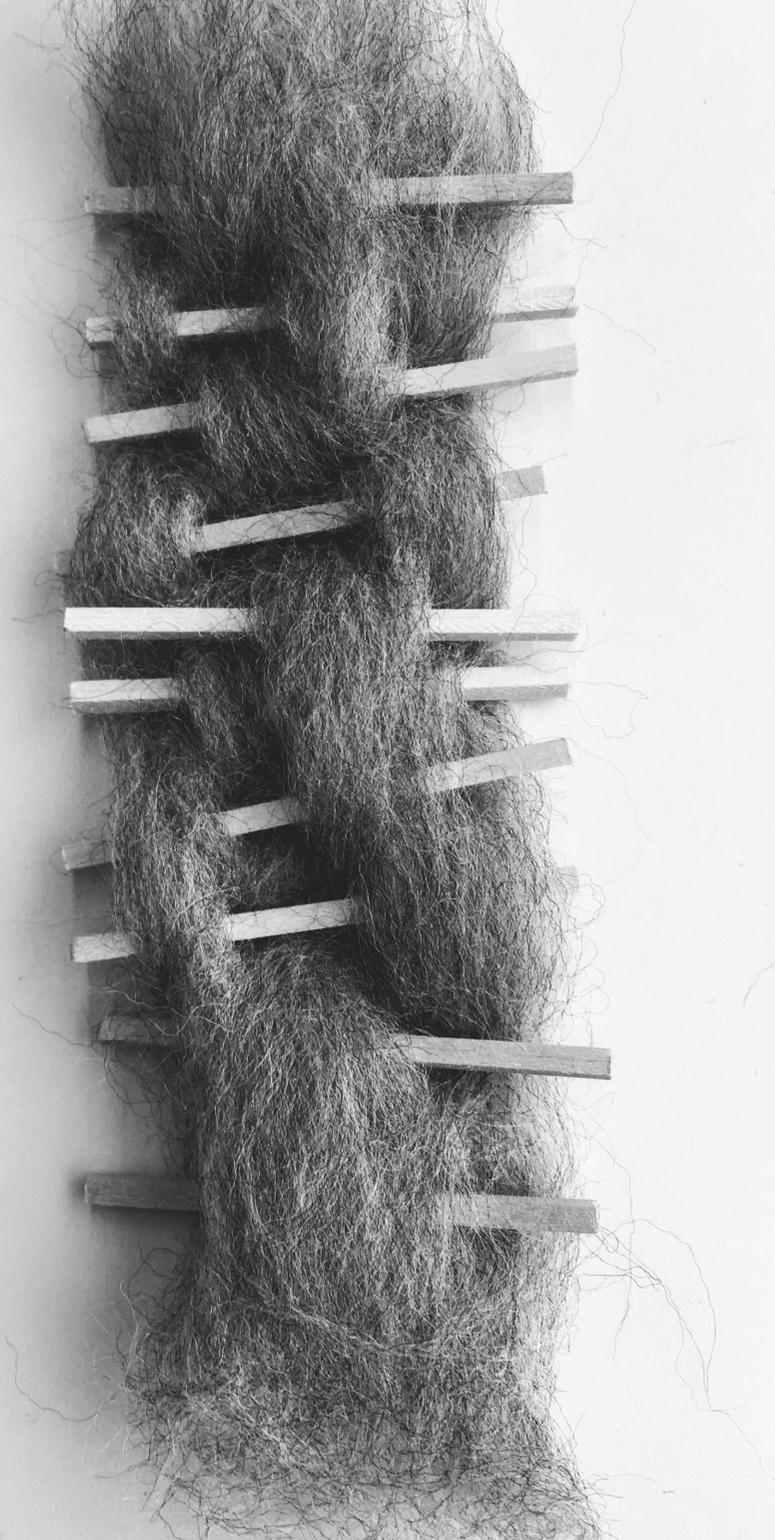
This particular community raises several hundred sheep and specializes in the production of WOOL. The daily rituals and identity of the community members are deeply tied to the landscape and reflect their ideals in the built environment.

MATERIALS are important to the ritual of daily life. Wool and timber are the main resources of production. The community raises a flock of several hundred sheep, sharing in the responsibilities of sheparding, shearing, carding, spinning, and storing the wool.





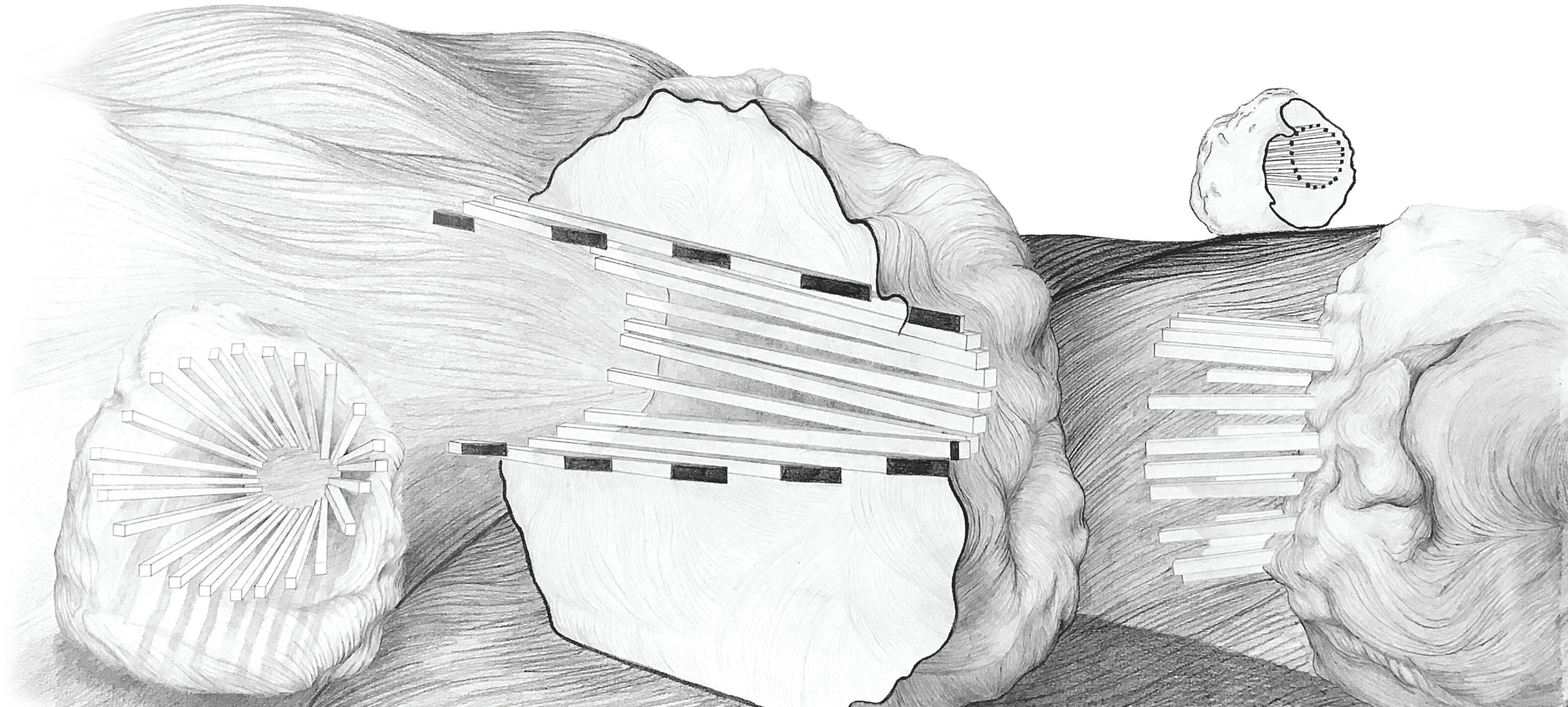
EXPLORATION with the materials led to patterns of repetition, density, and landscape.



Portal

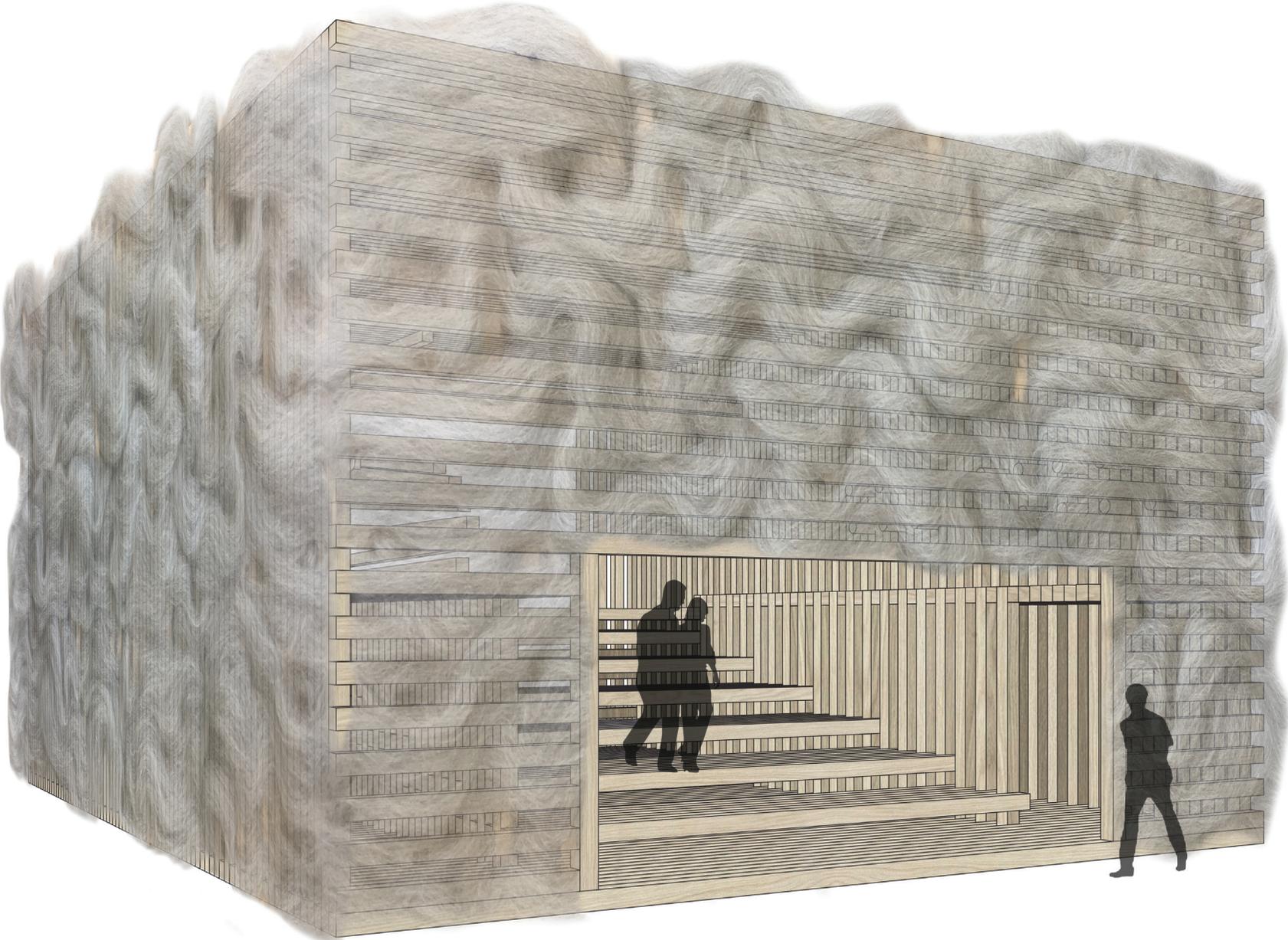
The portal is both monumental and familiar to the Woolen population. It is the entrance to the wool winding building and stores the surplus wool the community collects. It is a beacon to the people and mimics the rolling hills of the landscape.

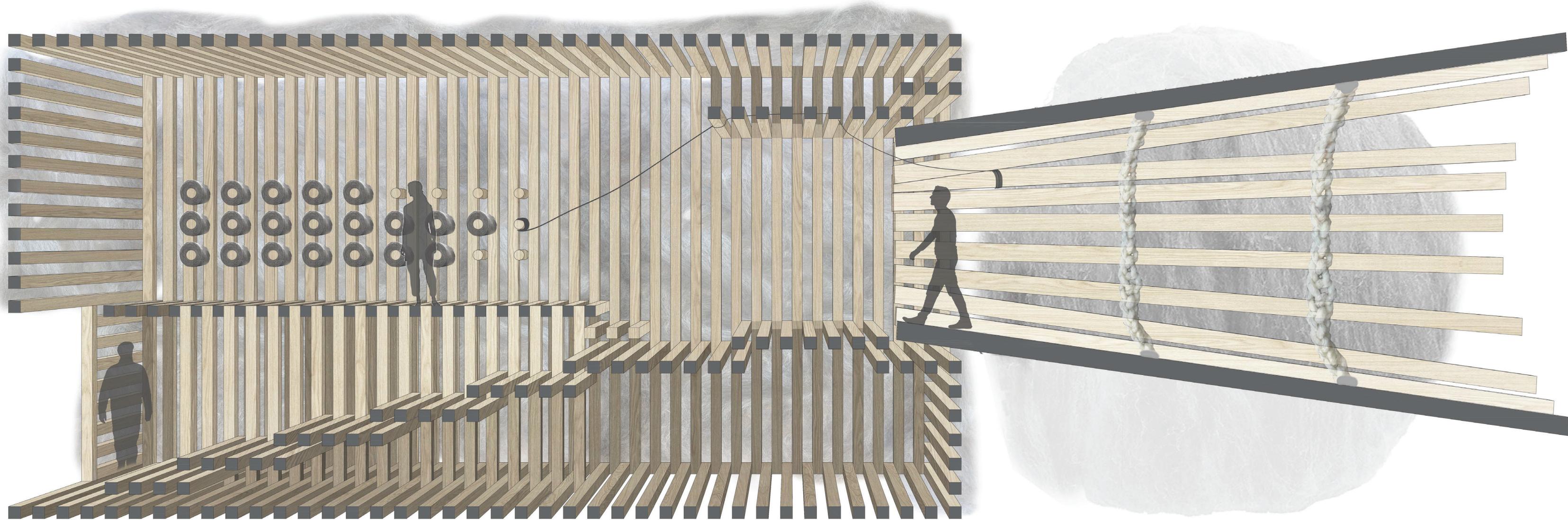


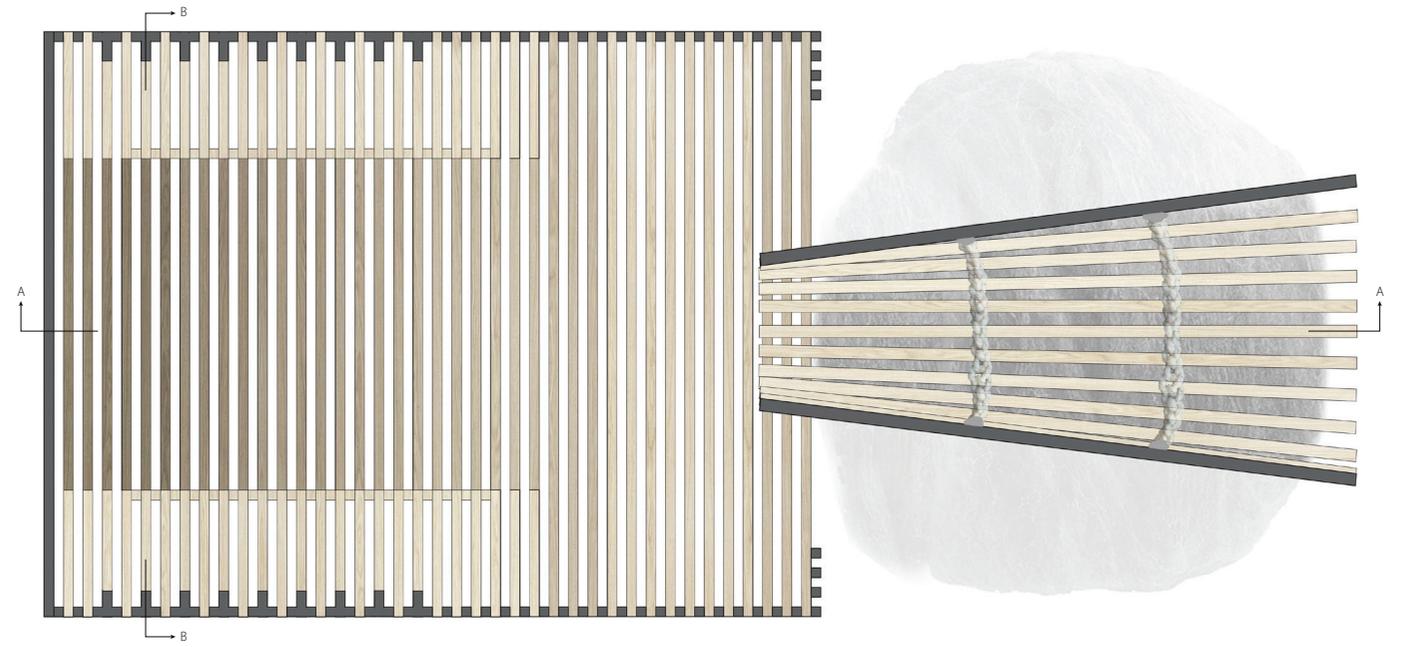
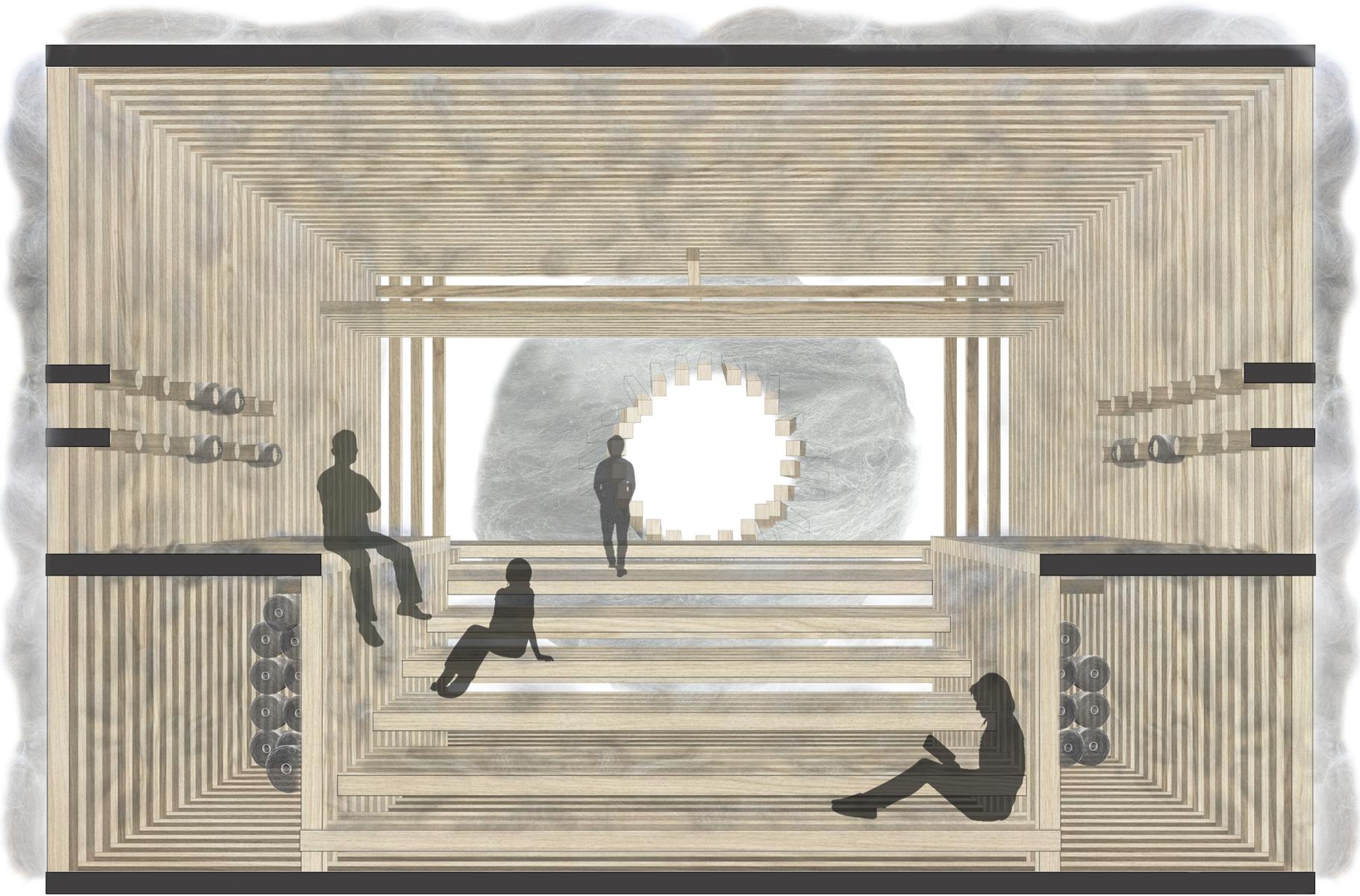


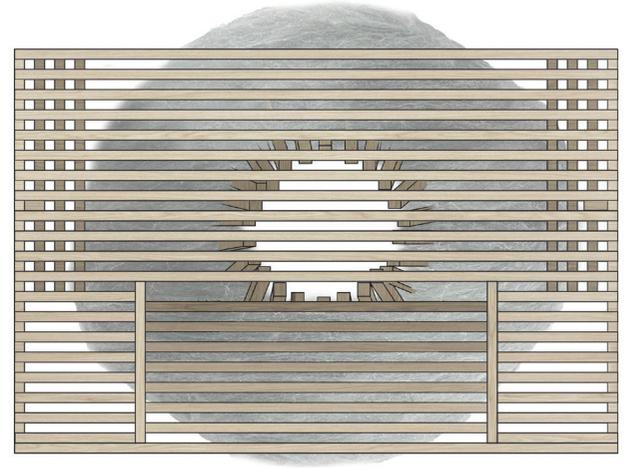
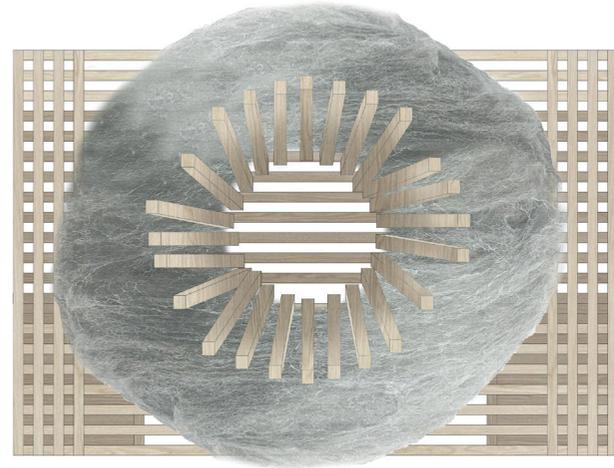
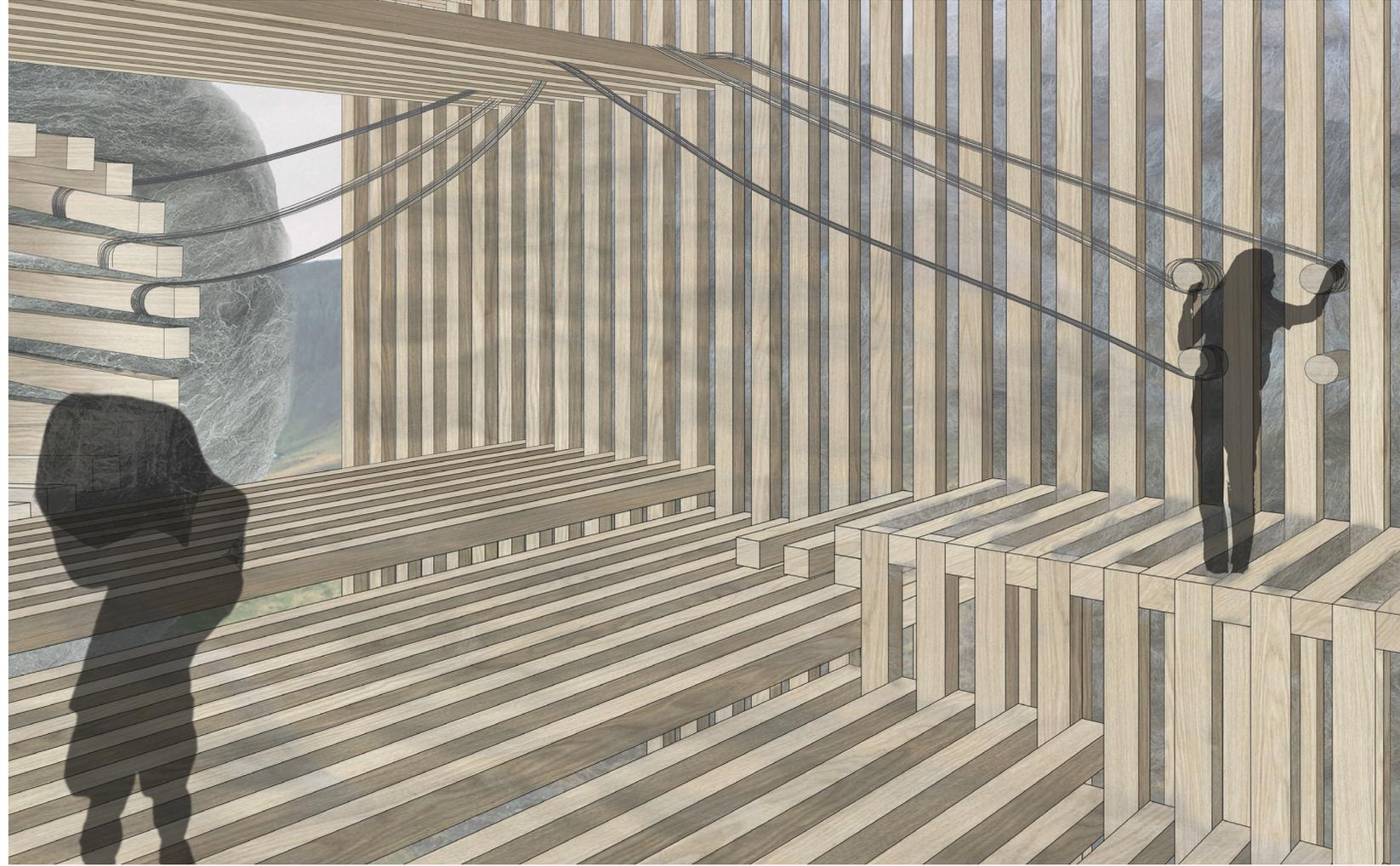
Repository

The repository is where the wool is spun and stored and also serves as a community gathering place. The amphitheater steps serve as an adaptable meeting place, leisure area, and possible classroom. The building is set up so the surplus wool around the entrance is wound on spools in the front of the upper level. When the yarn cones are full they are slid back to other pegs for display while waiting to be stored or shipped to a different village. This way the building acts as both display of technique and final product.





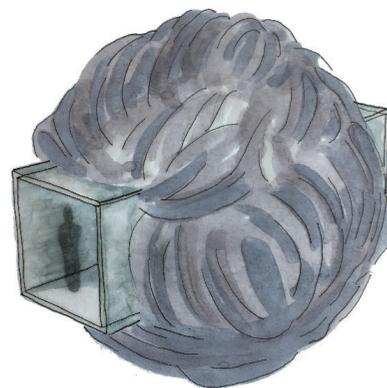


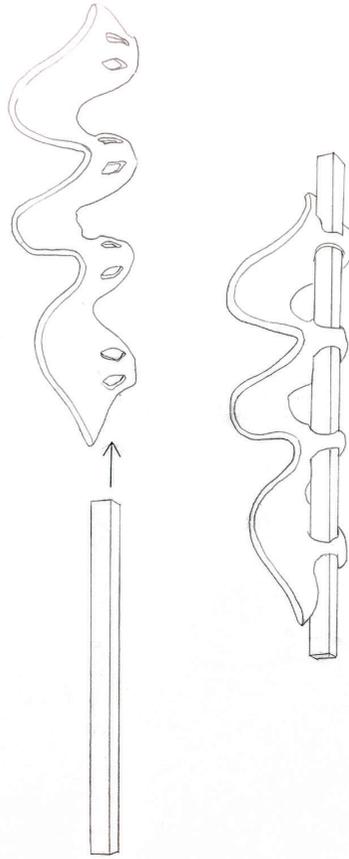


Appendix I - Sketches

The following sketches were part of the process of form making and material investigation.



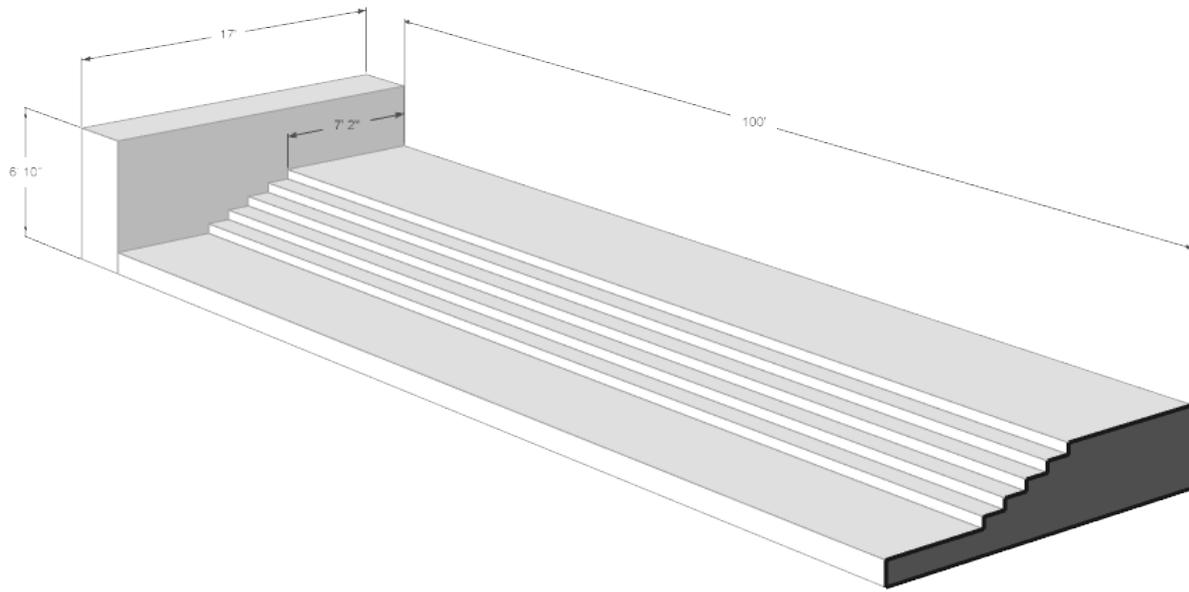




APPENDIX II - Precedents

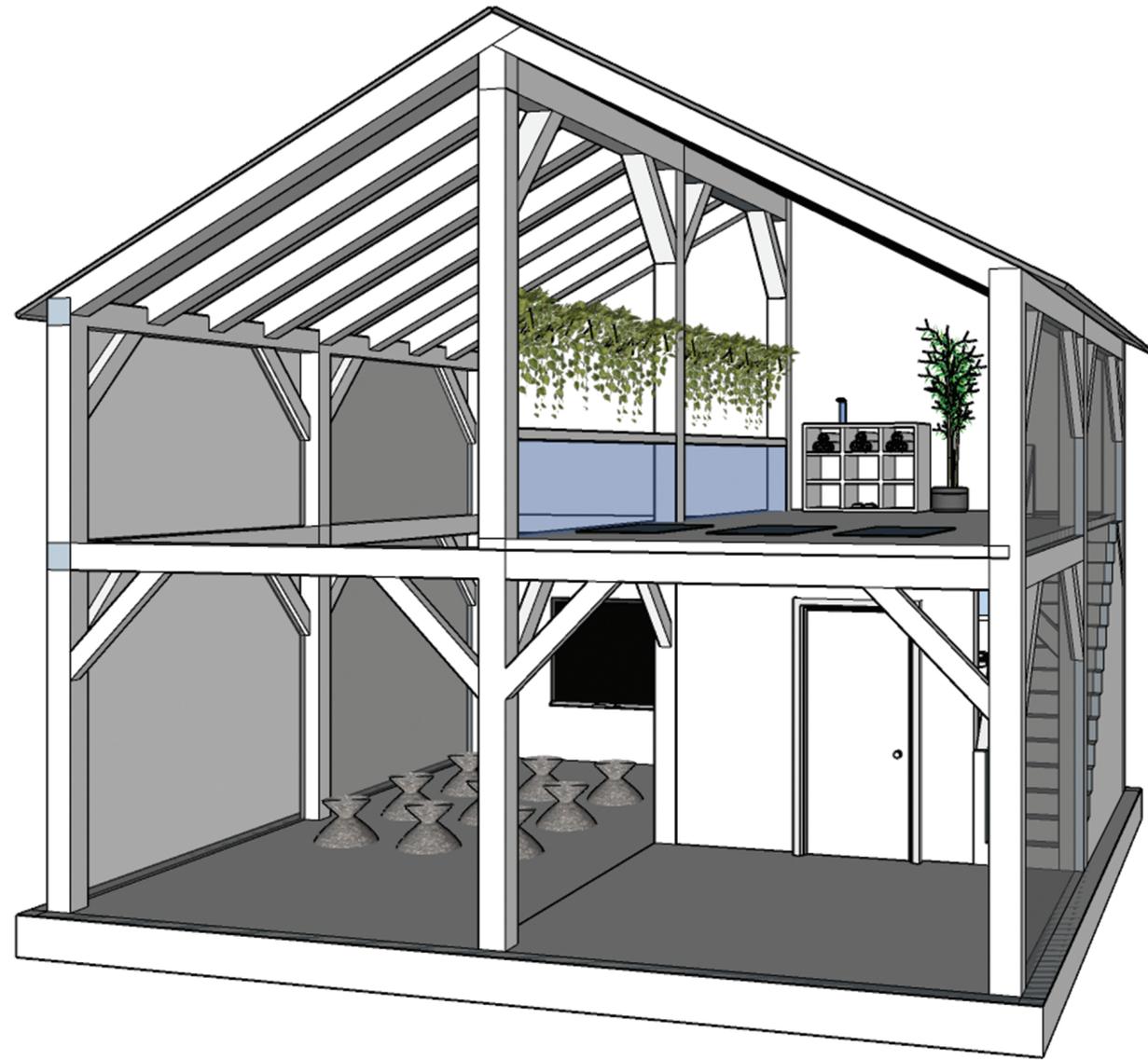
The following research looks at precedents that were used in world building in this speculative future. Leisure, health & wellness, and display & archive are explored through conceptual collages and architectural drawings.



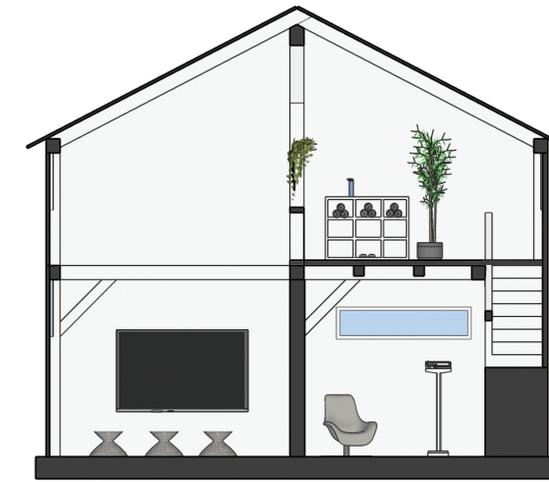


LEISURE consists of public amenities such as biking paths, public pools, parks, and museums. The Woolen population is deeply connected to nature and enjoys spending their extra time being active outdoors. The land has been cultivated as an arboretum and is well taken care of by volunteers throughout the year.

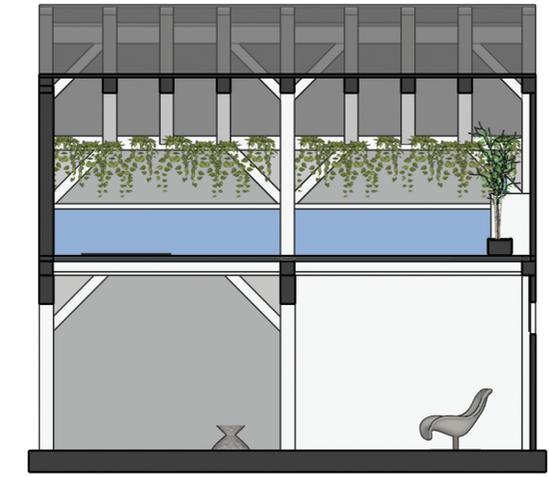




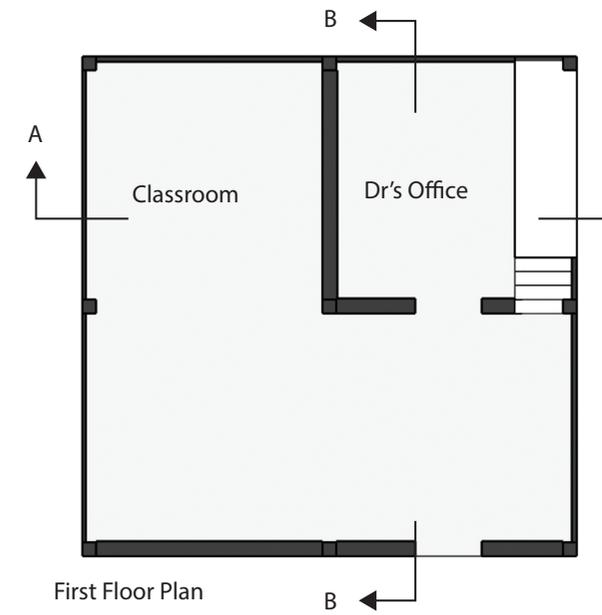
HEALTH & WELLNESS is rooted in integrated medicine. Integrative medicine seeks to restore and maintain health and wellness by understanding the patient's unique set of circumstances and addressing the full range of physical, emotional, mental, social, spiritual and environmental influences that affect health.



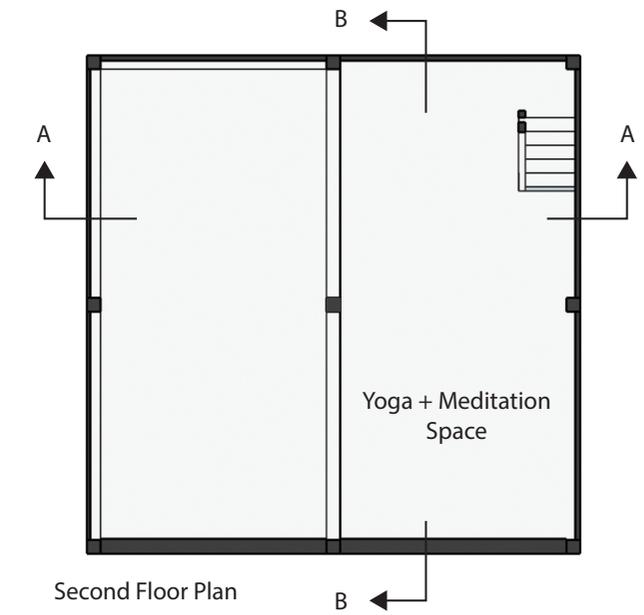
Section A-A



Section B-B



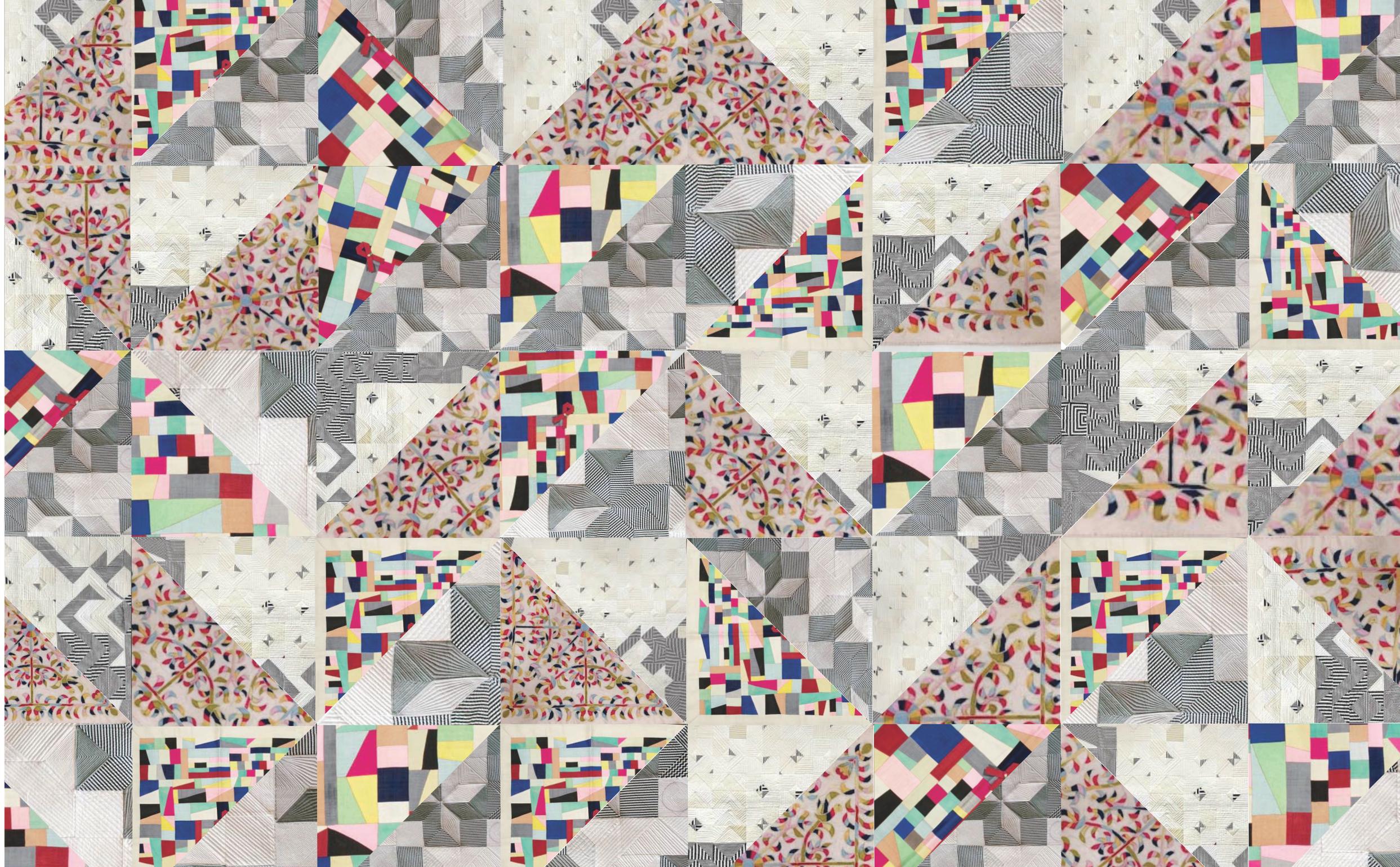
First Floor Plan



Second Floor Plan

This health center features classroom space for support groups and other functions. There is also a yoga and exercise studio and a small doctor's office for patient check ups. The design of the center includes plants and natural building materials as well as large glass walls on two walls to let in plenty of daylight.

DISPLAY & ARCHIVE are considered in the ritual of daily life. Quilting has a rich history dating back to the Egyptians. The technique of stitching three layers of fabric together has been used by cultures all over the world for commemorative, ceremonial, religious, political, social, narrative, fundraising, and domestic purposes. The craft's complex history mirrors the history of each quilt and the stories of the individual pieces of fabric that are stitched together. A quilt is both a display of the owner's values as well as an archive of their personal story and the technique it was made with. In this way, making techniques and the materials used are a visual way to understand a person and their culture.



"...the anthropocene can simply be a recognition that ecology must always revolve around human concerns. The question, in other words, is not how we reduce our impact on nature, but how we can better manage and care for nature" Peter Frase, *Four Futures*



