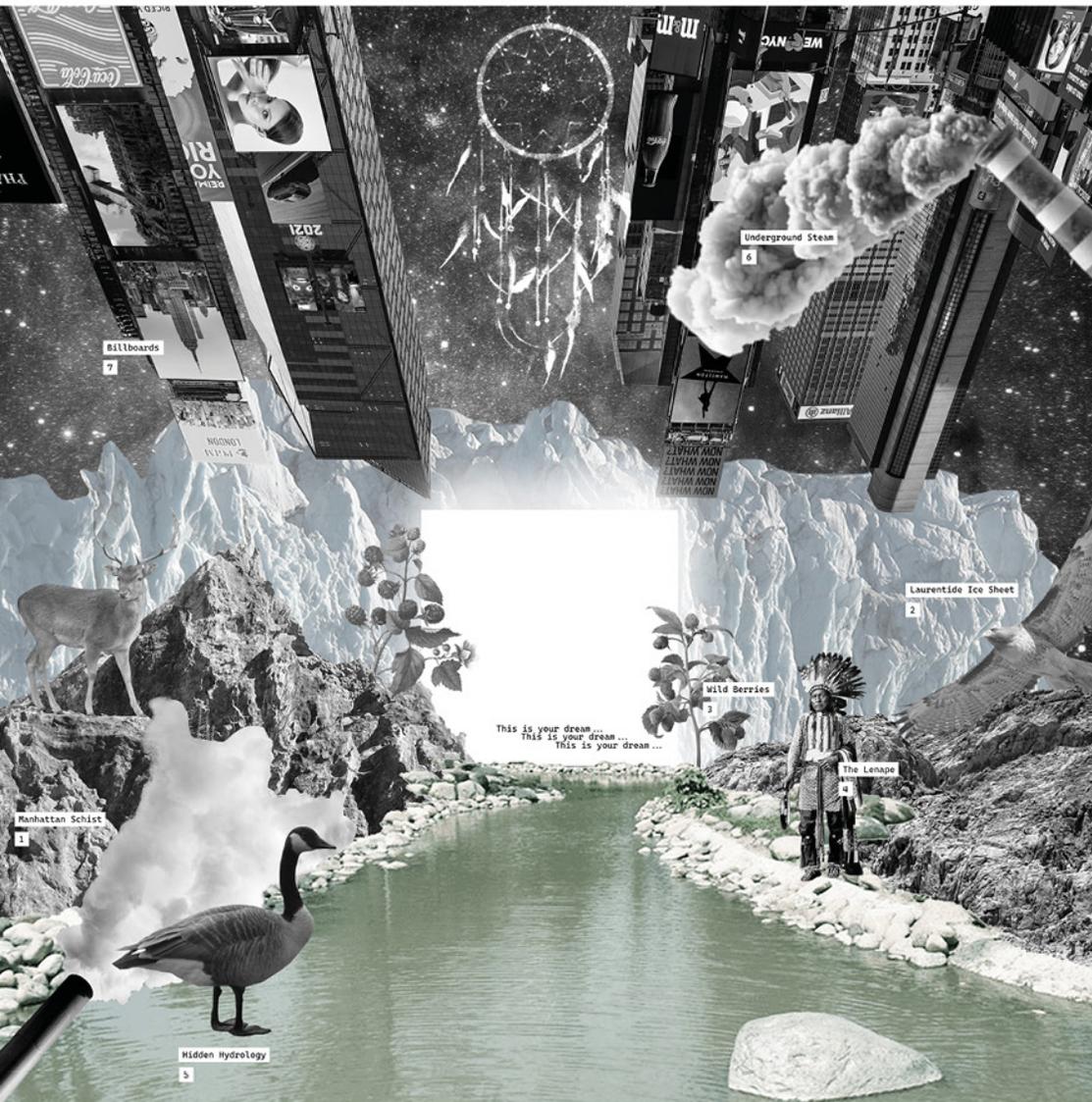


PORTFOLIO

KEXIN (CHLOE) XU
M.S. ADVANCED ARCHITECTURAL DESIGN

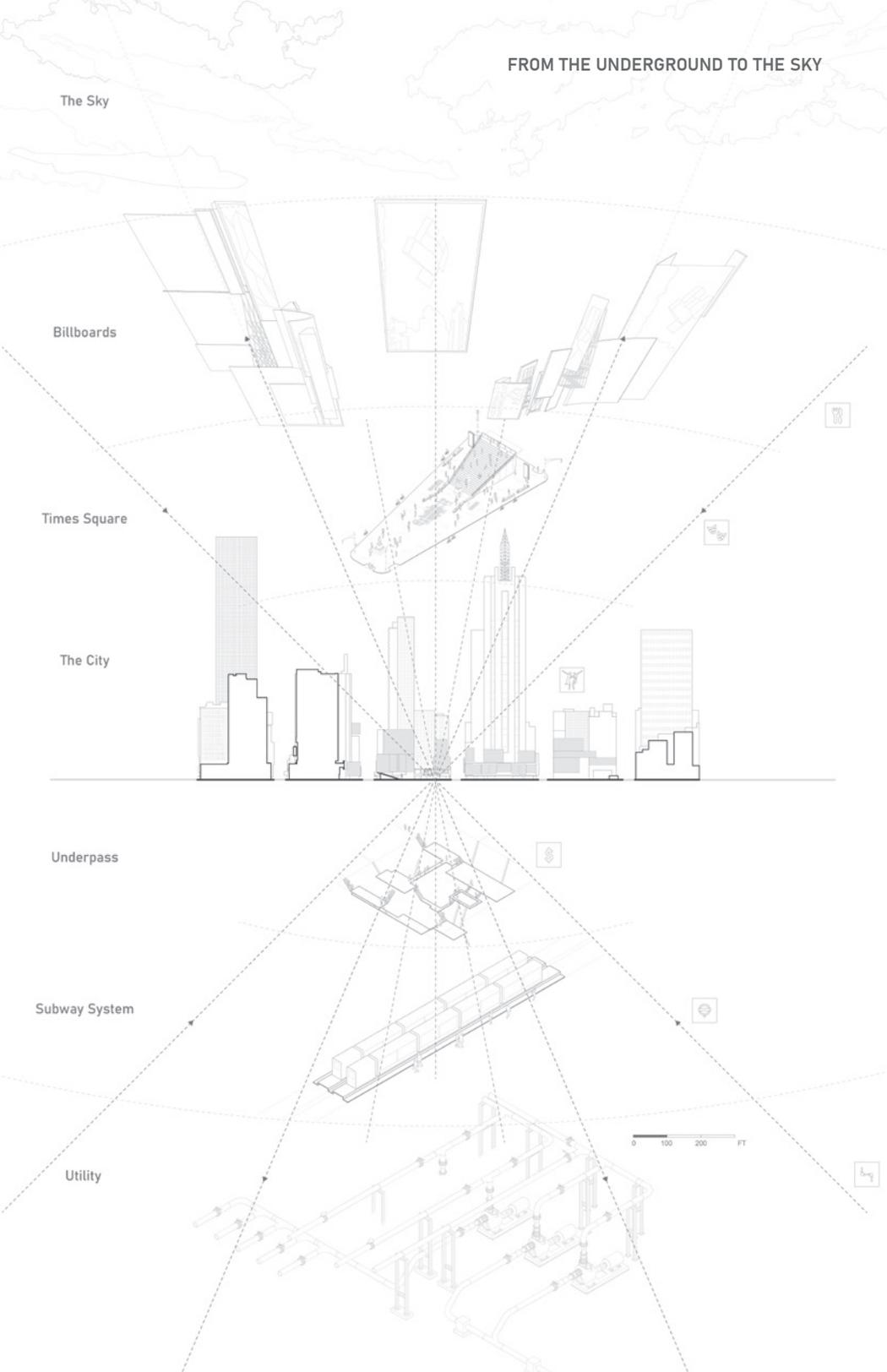


TRANSMUTING THE WOUND:

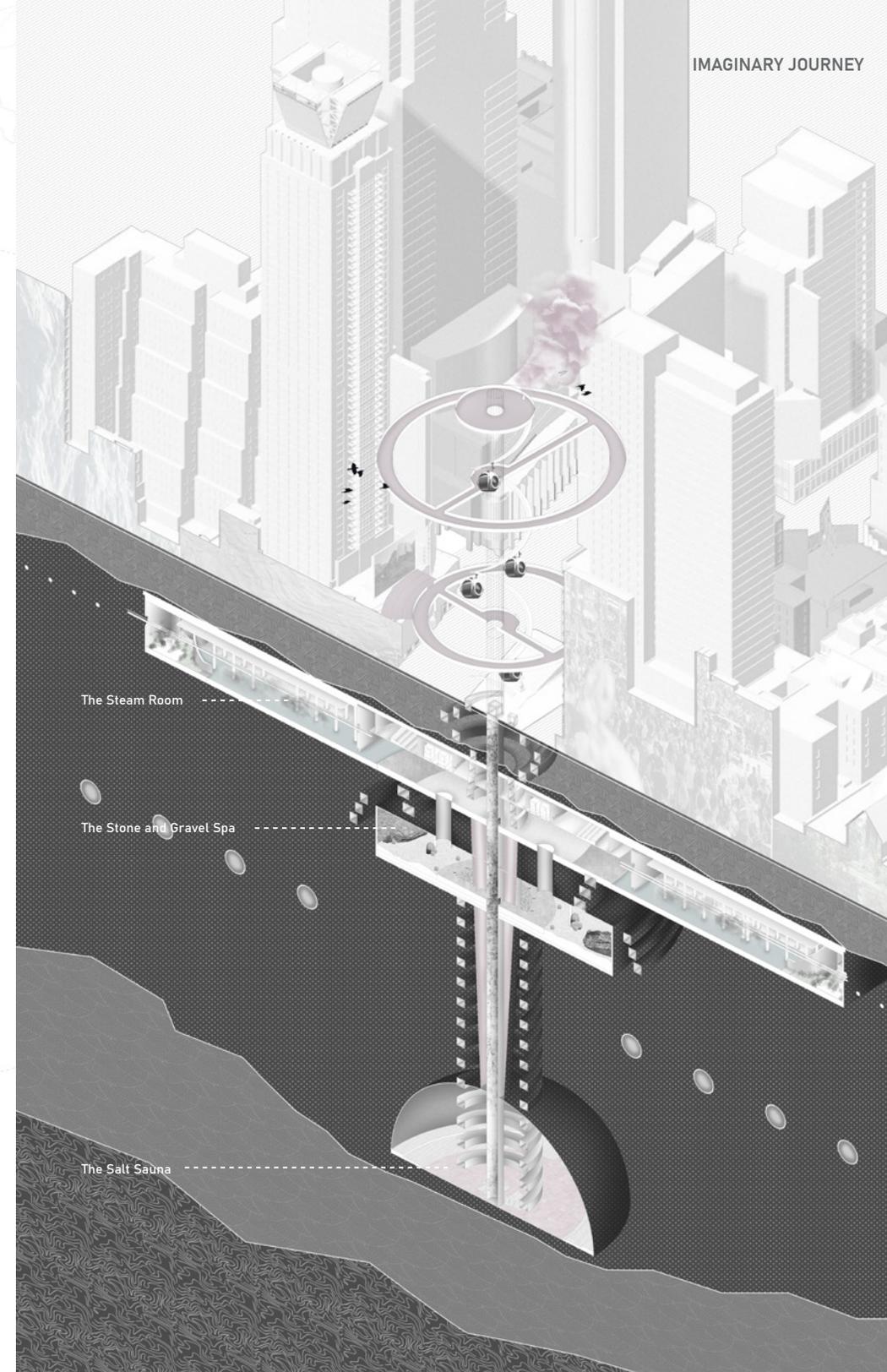
CULTURAL INFRASTRUCTURE FOR DIVINITY, NATURE, & COLLECTIVE EXPERIENCE IN NYC

LOCATION | TIMES SQUARE, NYC
 ACADEMIC YEAR | SUMMER 2024
 GROUP WORK RESEARCH + INDIVIDUAL DESIGN
 PROFESSOR | Larissa Belcic & Michelle Farang Shofet

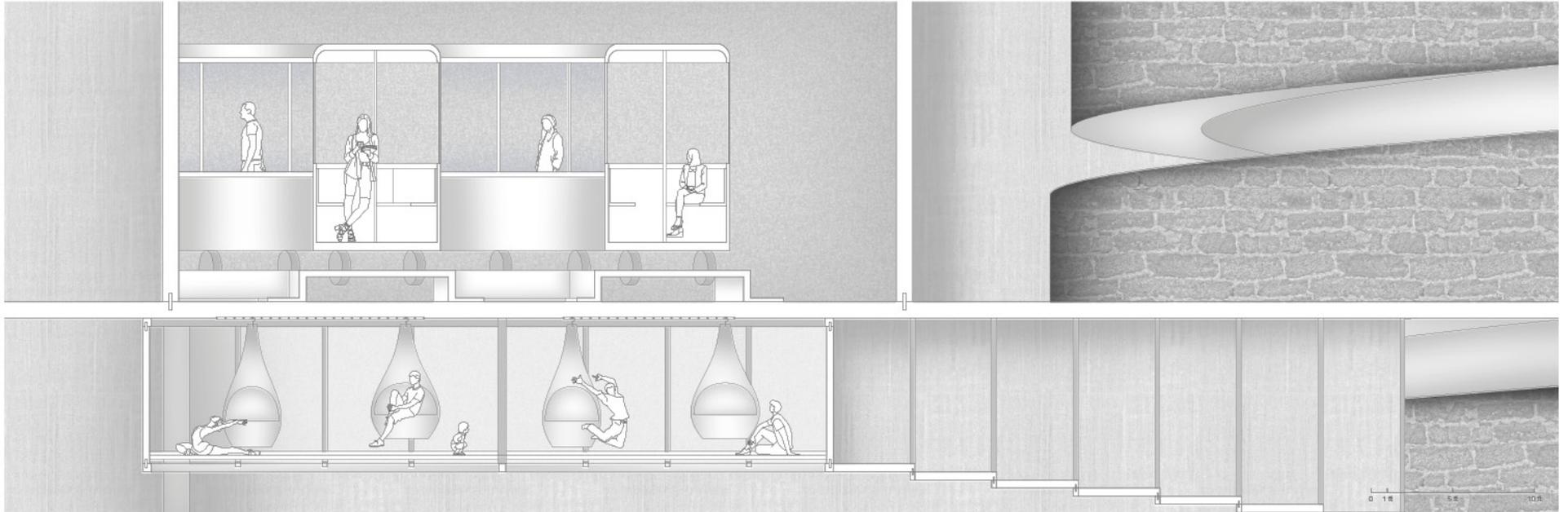
FROM THE UNDERGROUND TO THE SKY



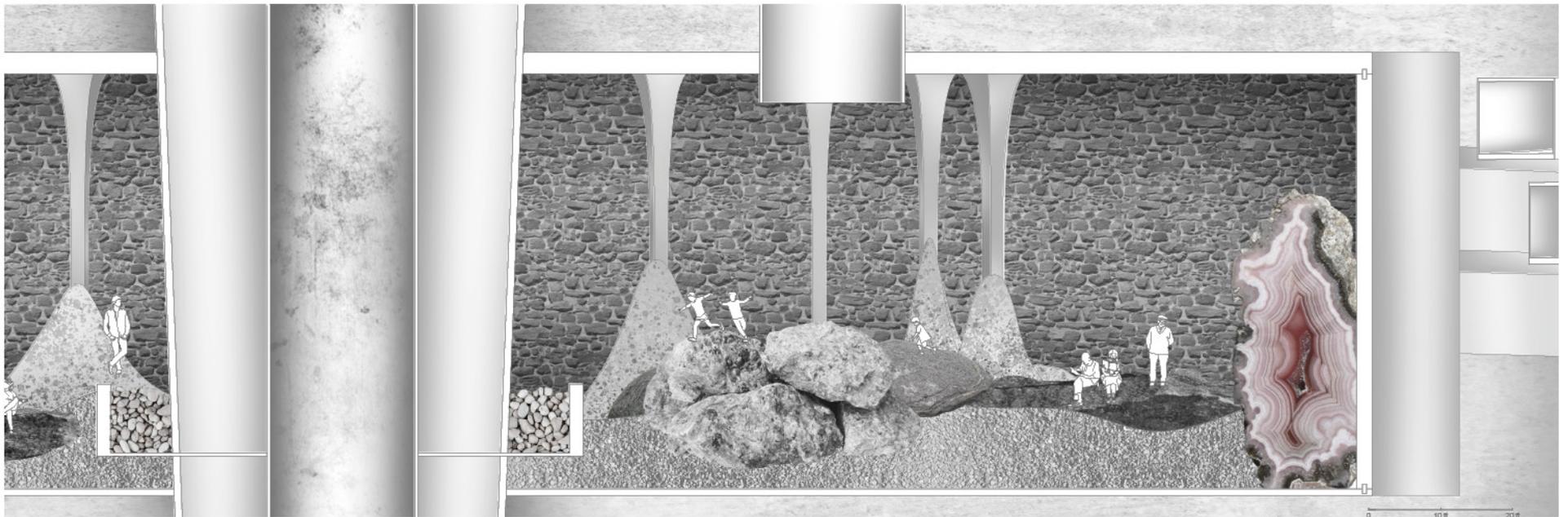
IMAGINARY JOURNEY



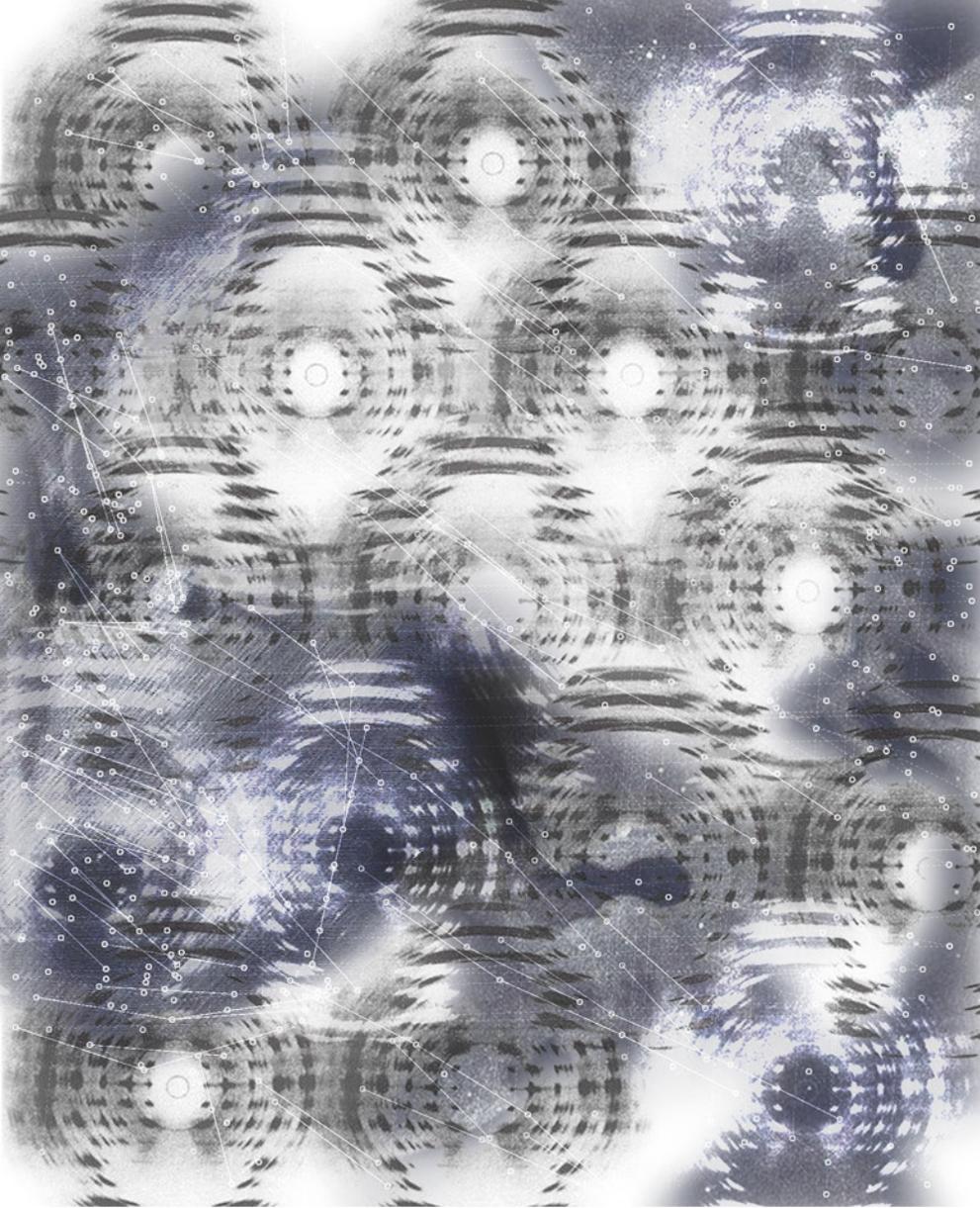
VIBRATION CHAMBER



THE STONE AND GRAVEL SPA







SSC HOLOBIONT:

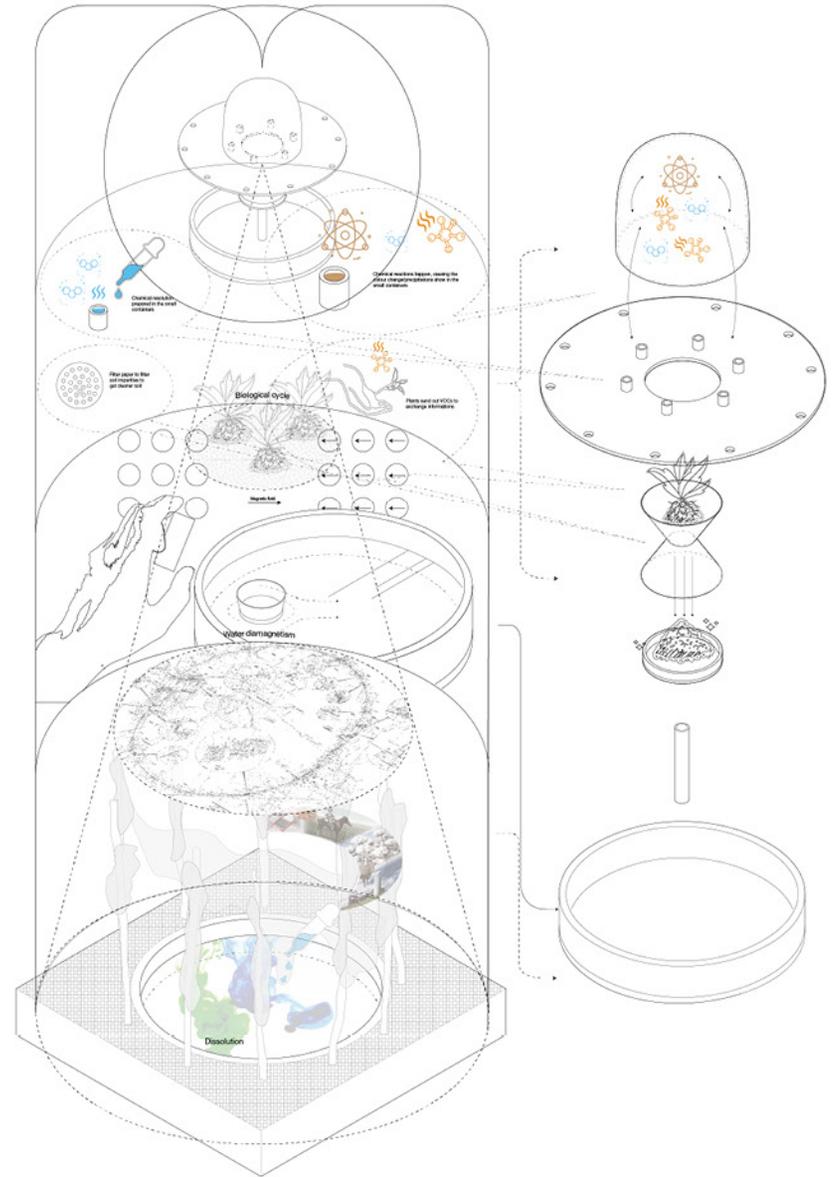
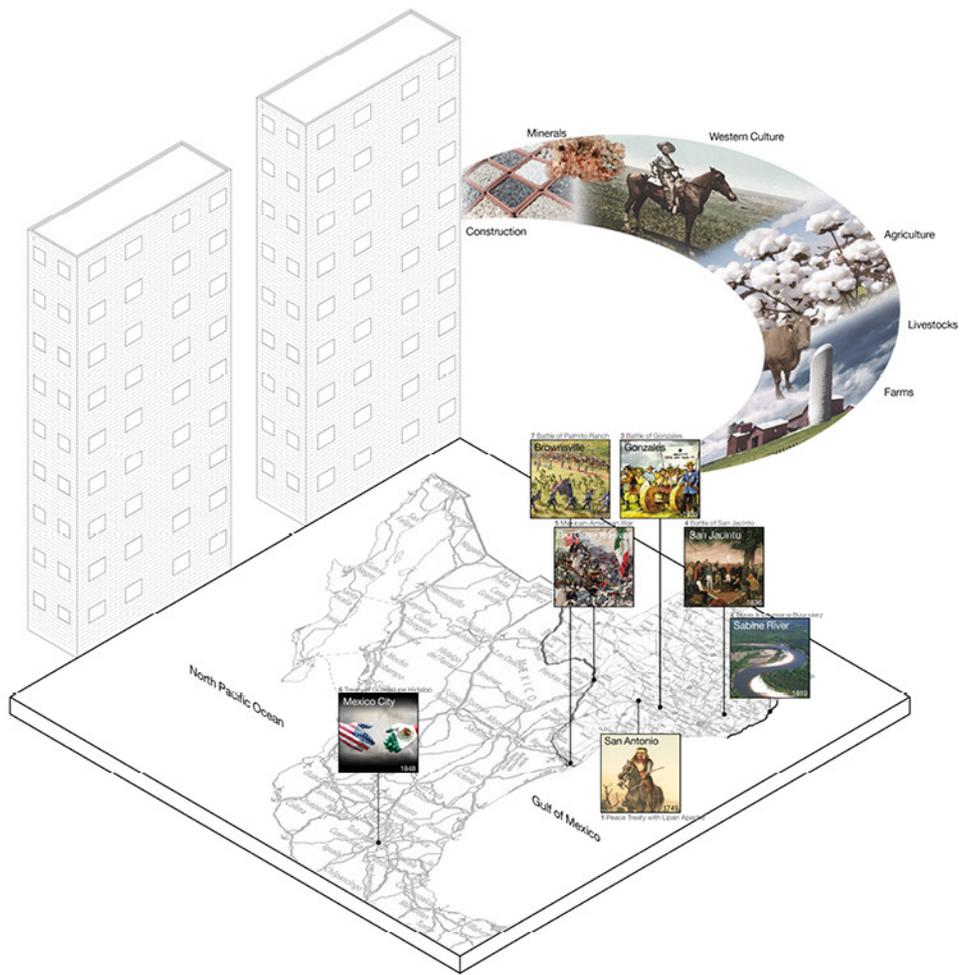
THE INTERWOVEN DYNAMICS OF CULTURE, BIOLOGY, AND ENERGY

LOCATION | Waxahachie, Texas

ACADEMIC YEAR | FALL 2024

GROUP WORK RESEARCH + INDIVIDUAL DESIGN

PROFESSOR | Lindy Roy





Minerals

- Limestone
- Lead
- Clay
- Salt
- Gravel
- Sand
- Copper
- Glass
- Aluminium

Energy

- Crude Oil (44%)
- Natural Gas (23%)
- Electricity System
- Wind Power
- Solar Power

Construction Boom

- Historical Structures
- Highway
- Commercial & Residential Buildings

Sediment Formation

Fossils

Western Culture

- Outlaw v.s Freedom

One of the state's first textile mills

Cretaceous Sea

Fossilization

No.2 Total Agricultural Revenue

"Banner Cotton County of the World" - Late 19th & Early 20th

Ancient Shark

Parapuzosia

No.1 Livestock Revenue

Deposition

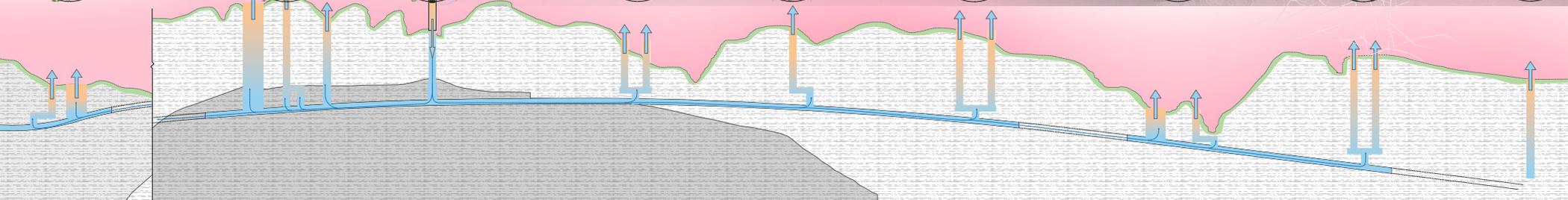
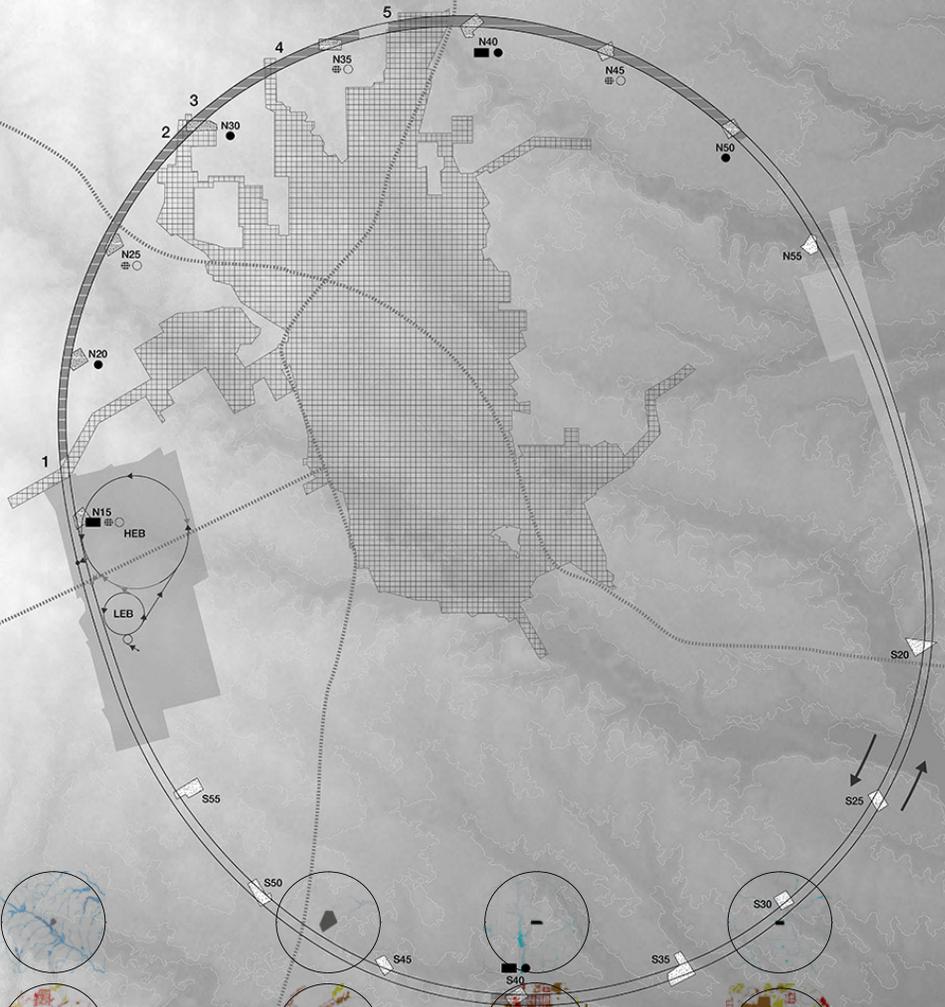
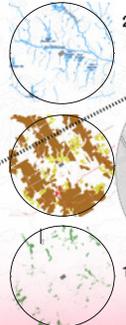
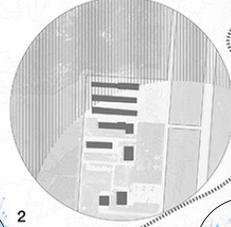
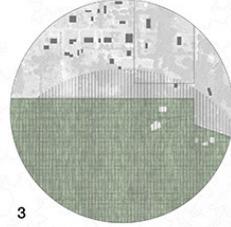
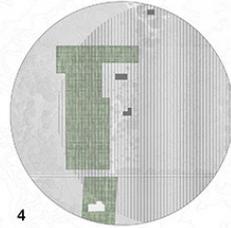
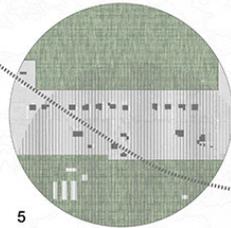
Fossilization

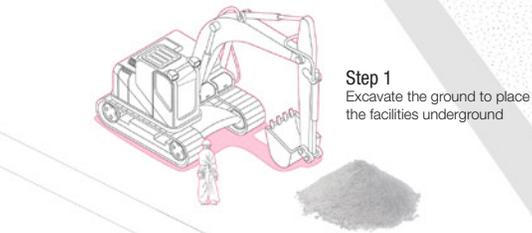
Ancient Artifacts - Shark Teeth

Microorganisms

Deposition

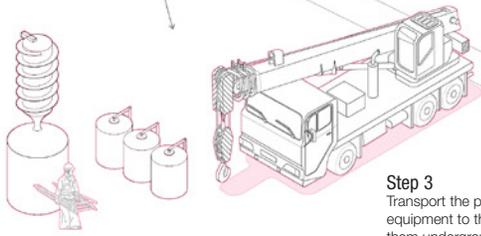
Austin Chalk





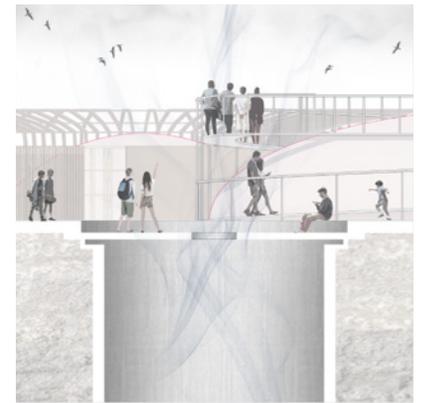
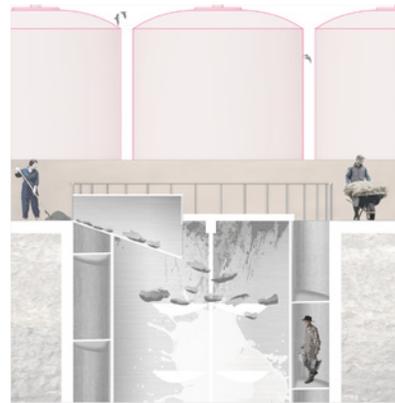
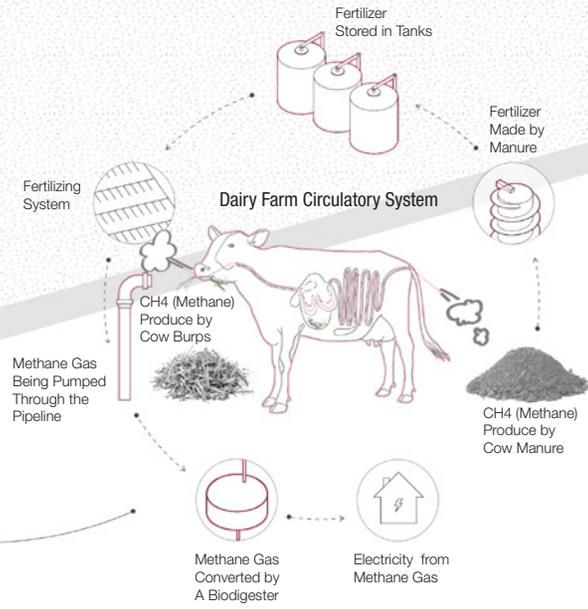
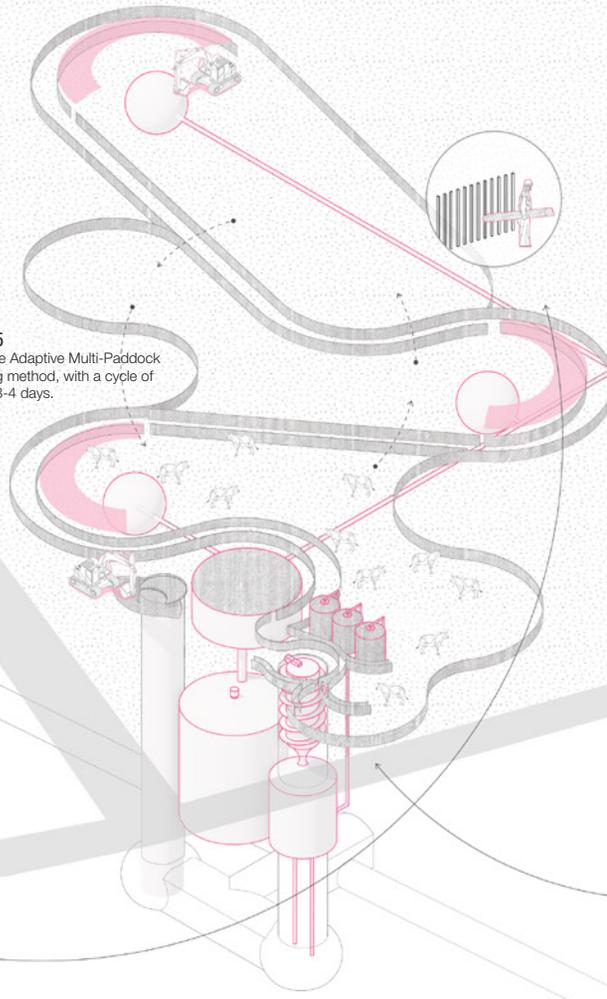
Step 1
Excavate the ground to place the facilities underground

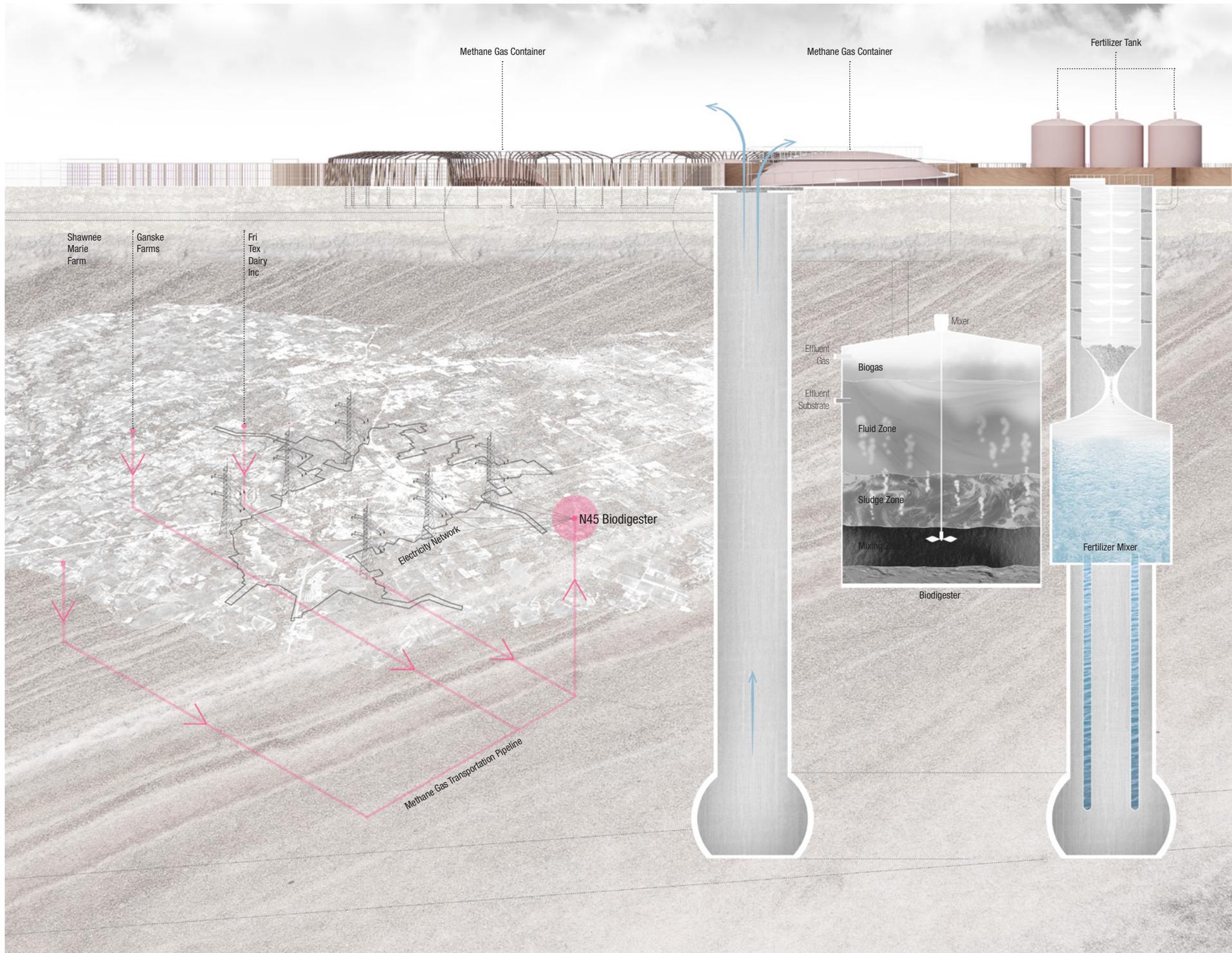
Step 2
The excavated Austin chalk will be used as construction material for the N45 and N15.

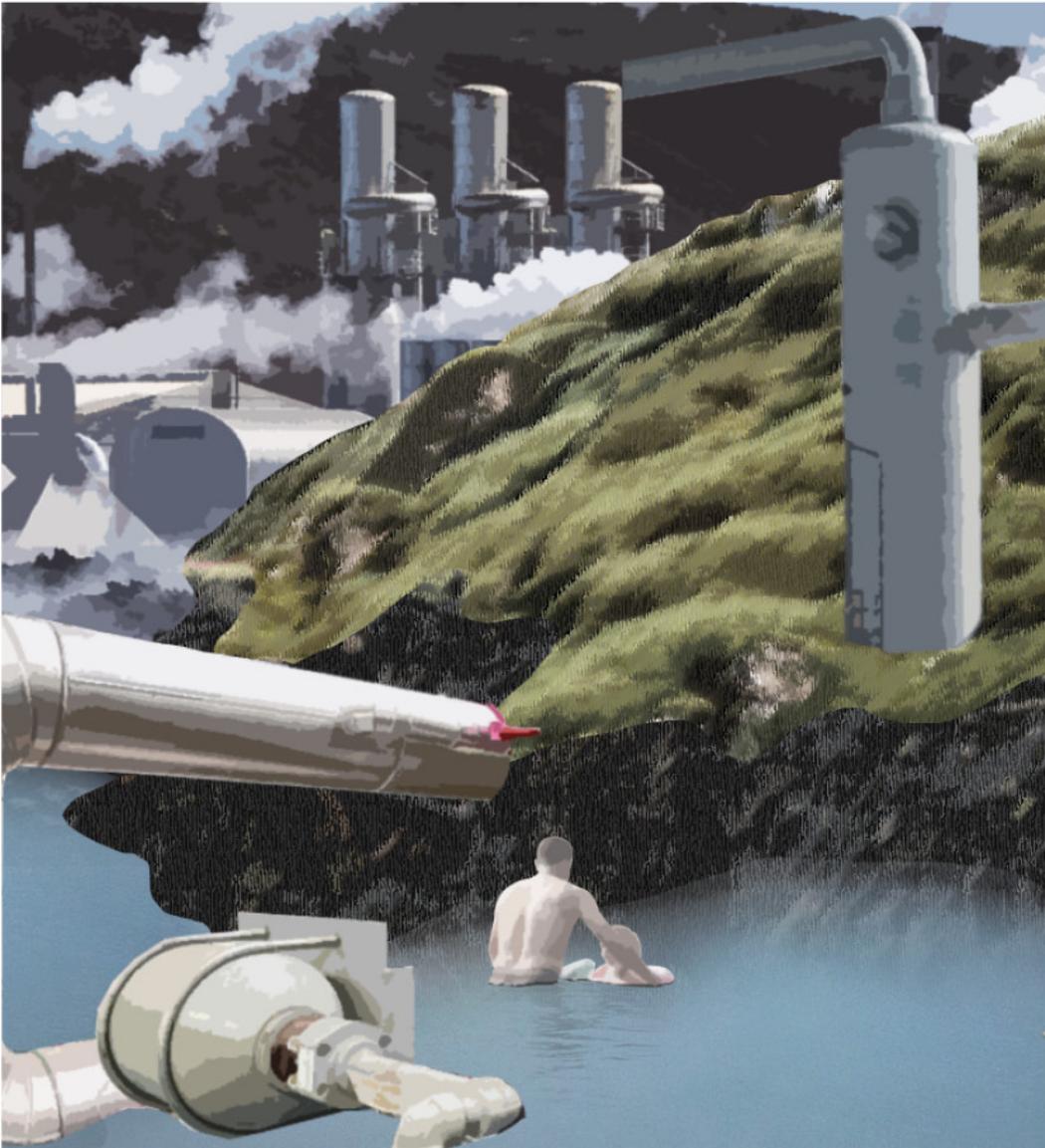


Step 3
Transport the pieces of equipment to the site and place them underground.

Step 5
Use the Adaptive Multi-Paddock grazing method, with a cycle of every 3-4 days.



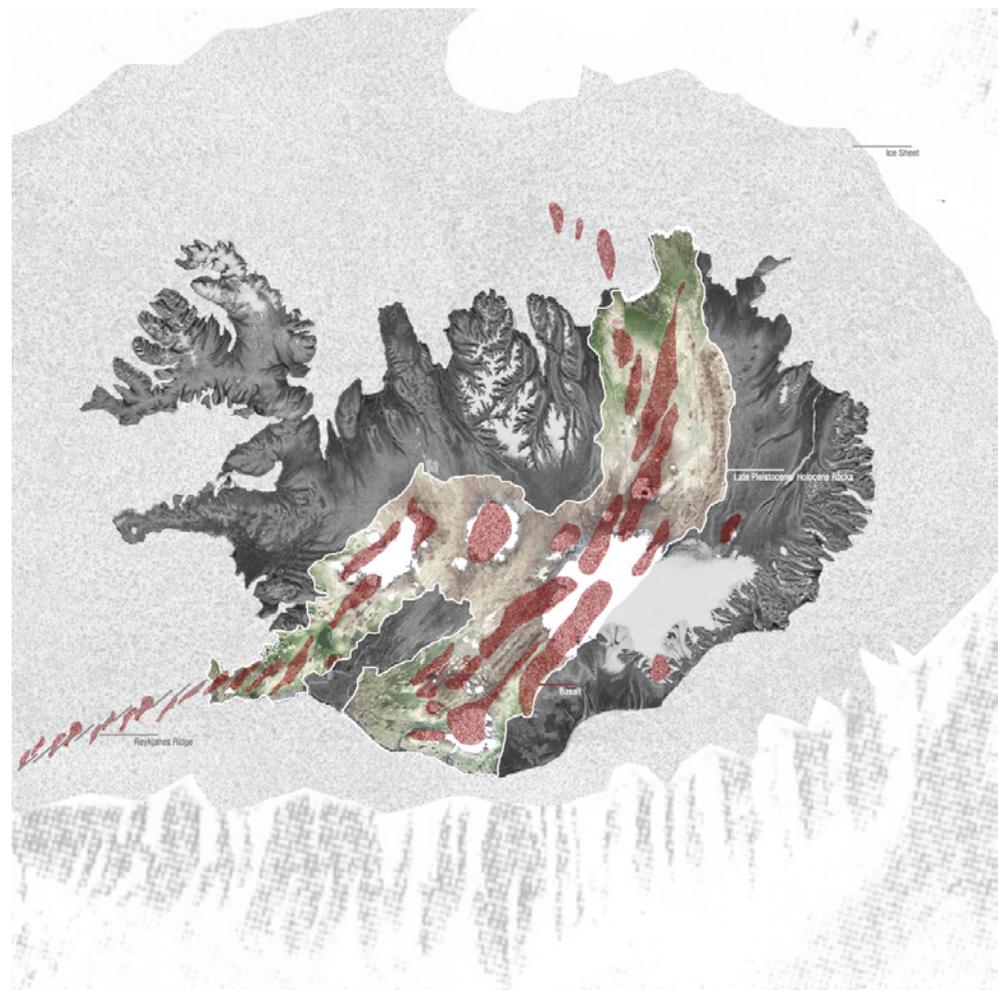




GEOTHERMAL WASTELAND:

THE EXTENSION EXPERIENCE OF BLUE LAGOON
WITH THE SVARTSENGI POWER PLANT AND THE
LANDSCAPE HISTORY OF ICELAND

LOCATION | Blue Lagoon, Iceland
ACADEMIC YEAR | SPRING 2025
INDIVIDUAL RESEARCH + DESIGN
PROFESSOR | Mark Wasiuta



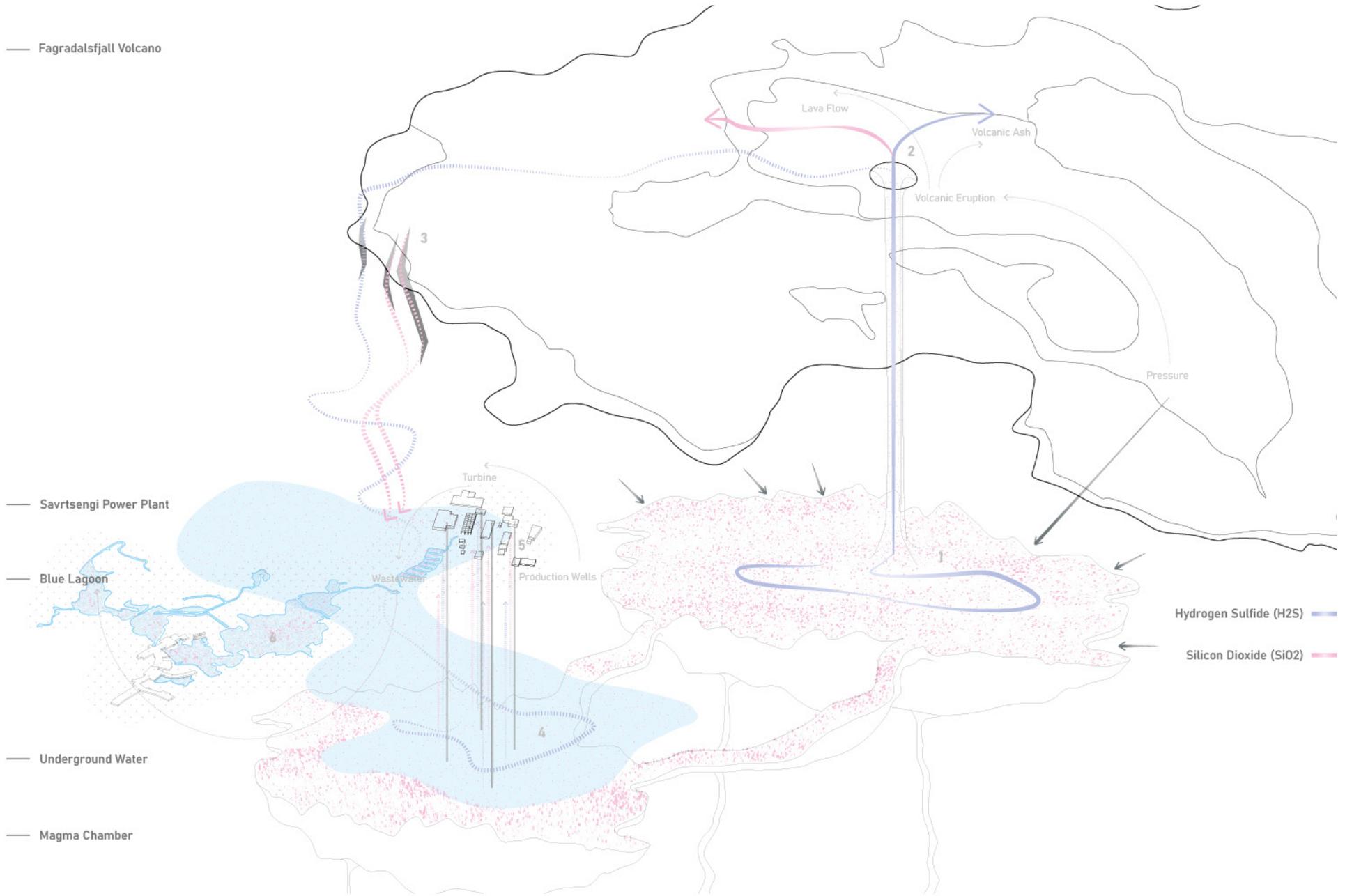
— Fagradalsfjall Volcano

— Savrtsengi Power Plant

— Blue Lagoon

— Underground Water

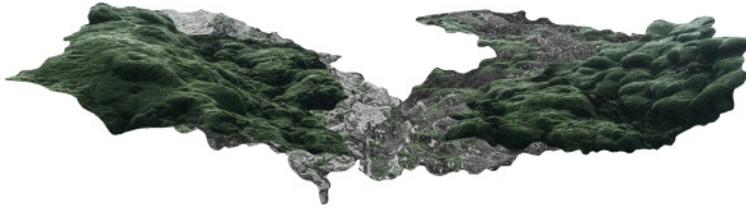
— Magma Chamber



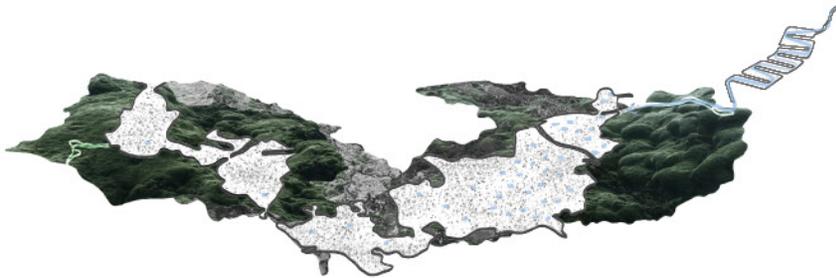
Stage One
Formation of Lava Field



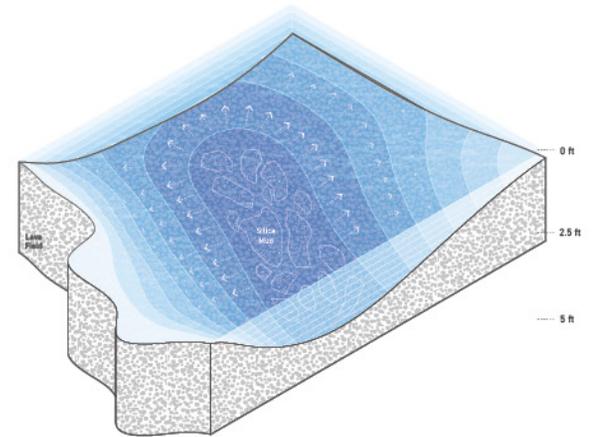
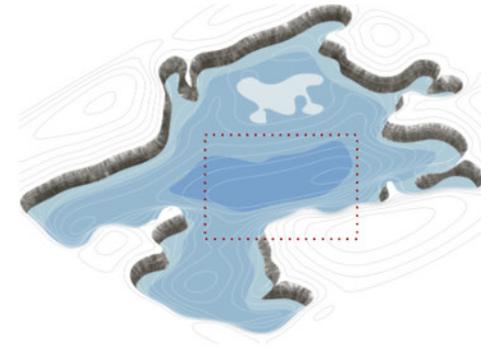
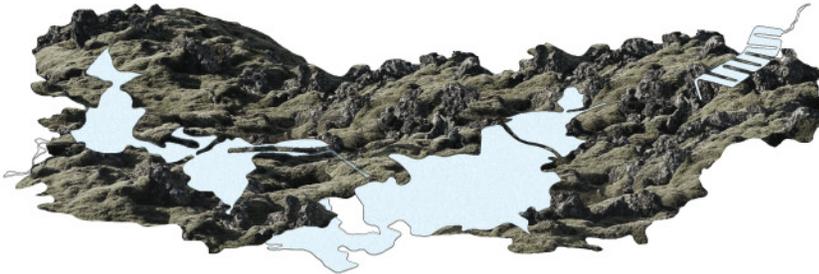
Stage Two
Habitation of Moss

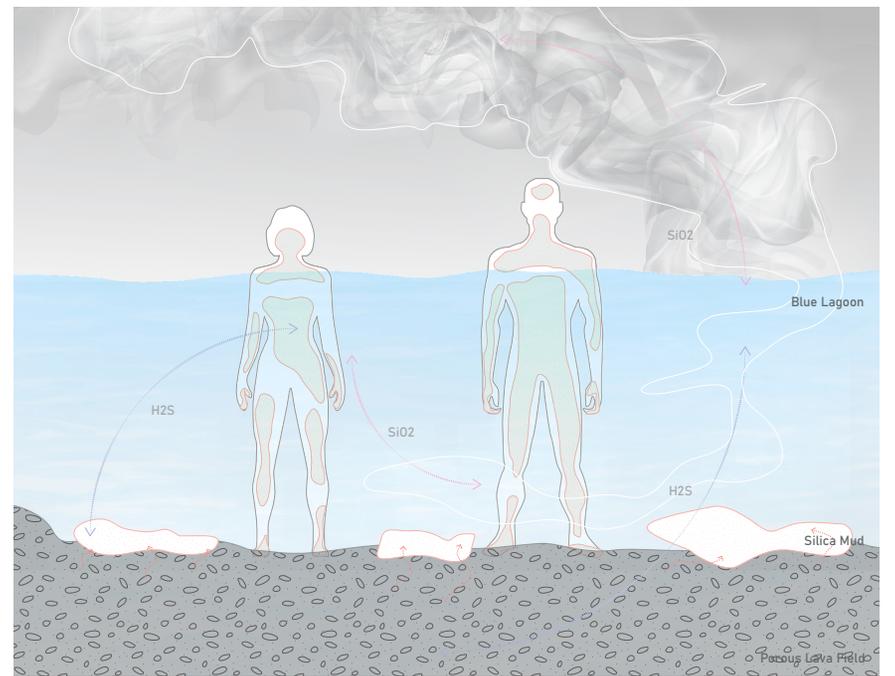
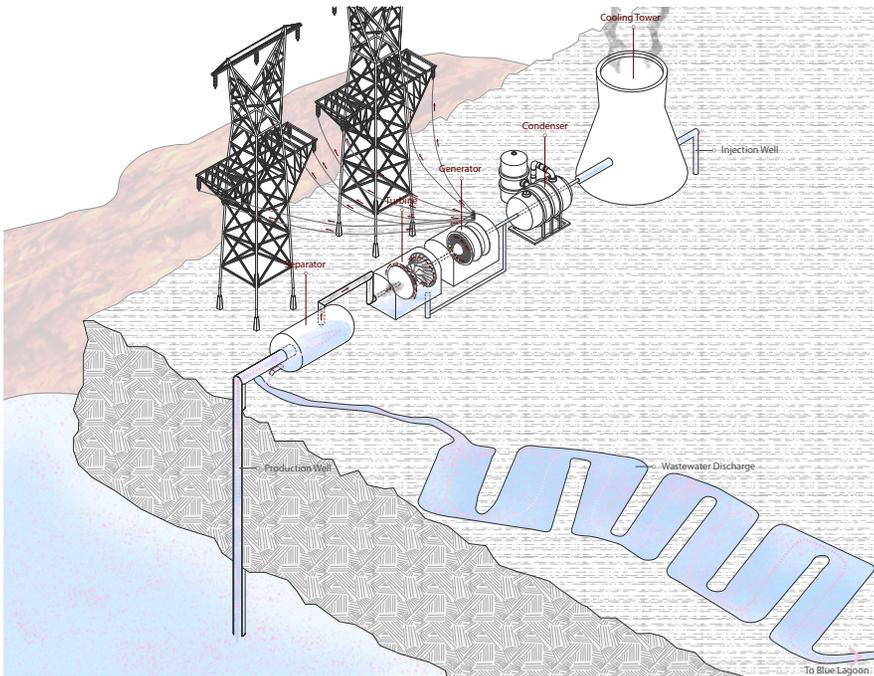
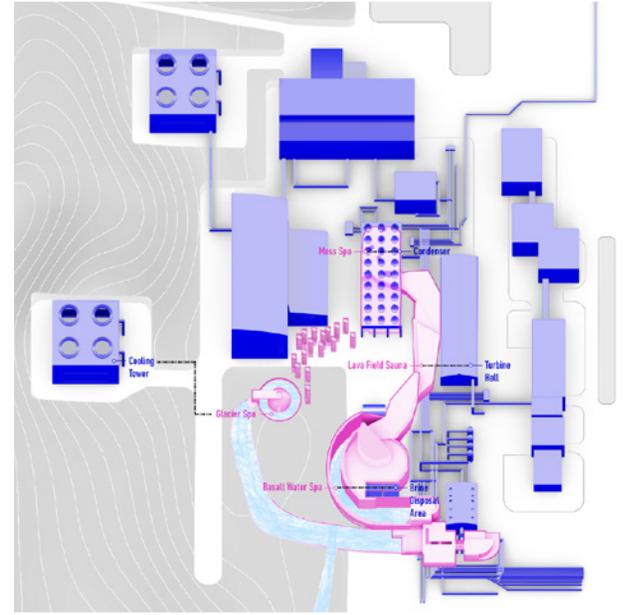
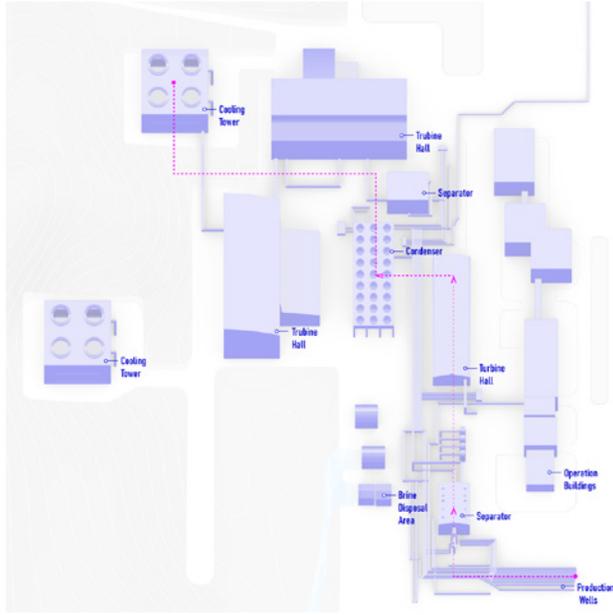
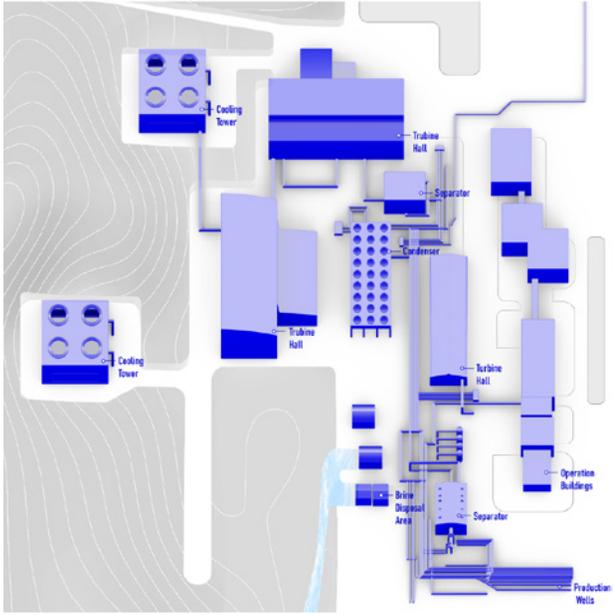


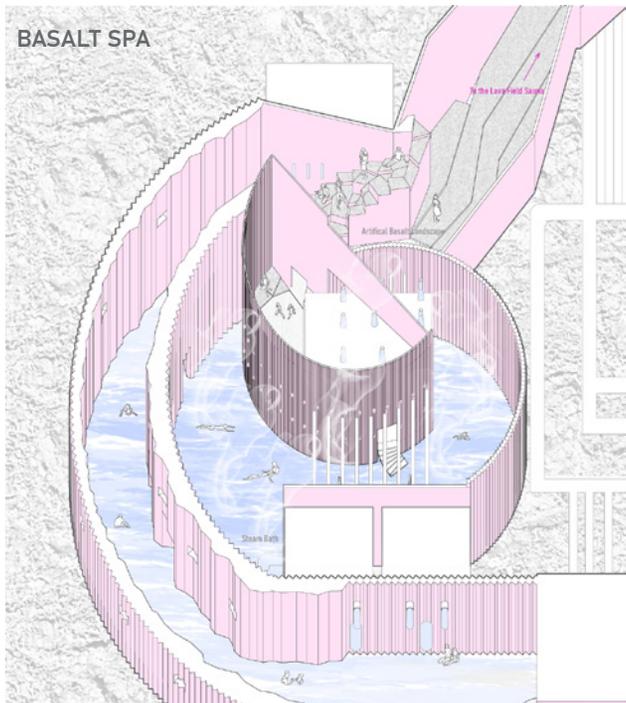
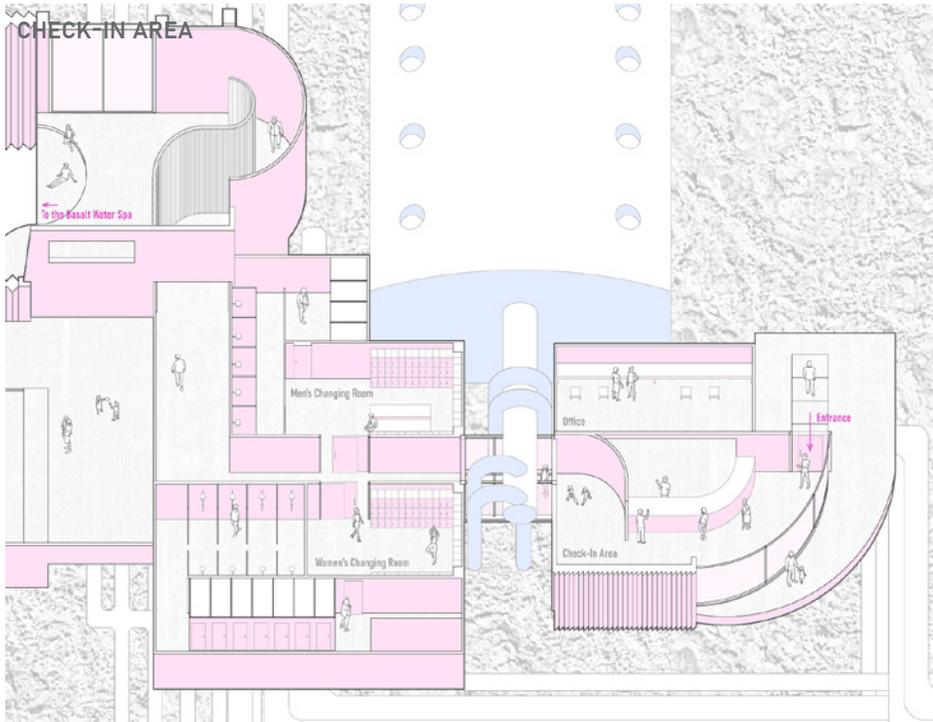
Stage Three
Discharge of Wastewater



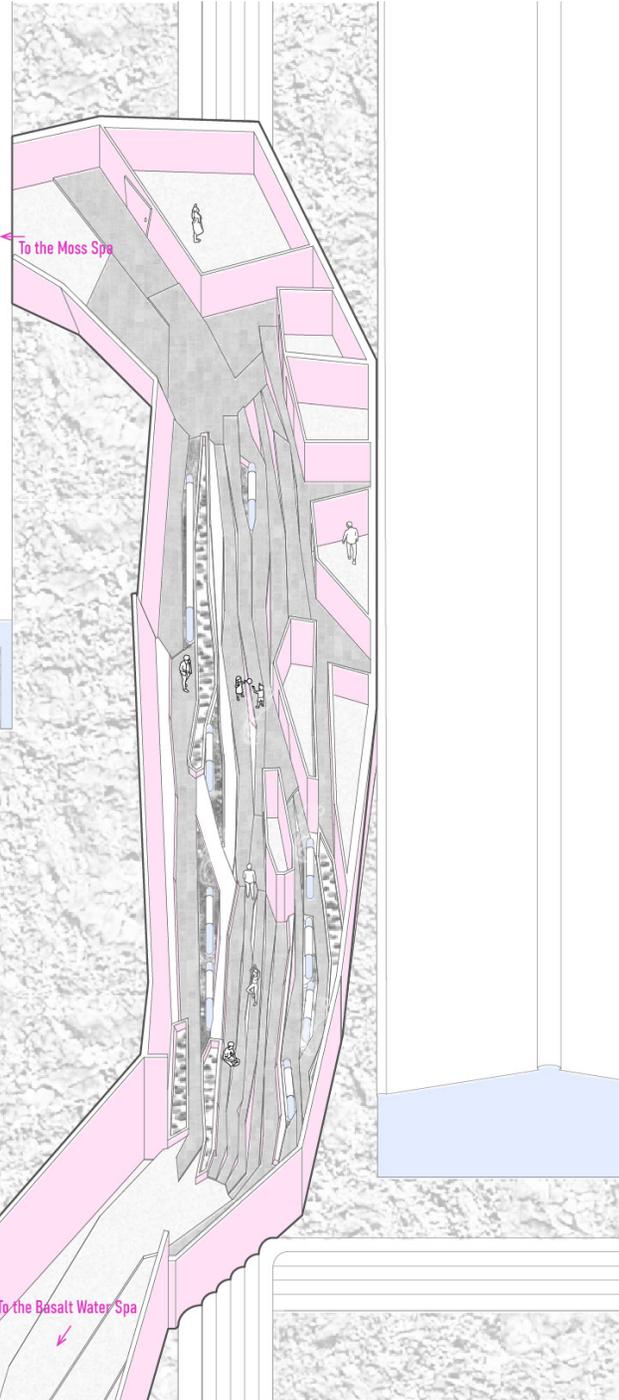
Stage Four
Formation of Blue Lagoon



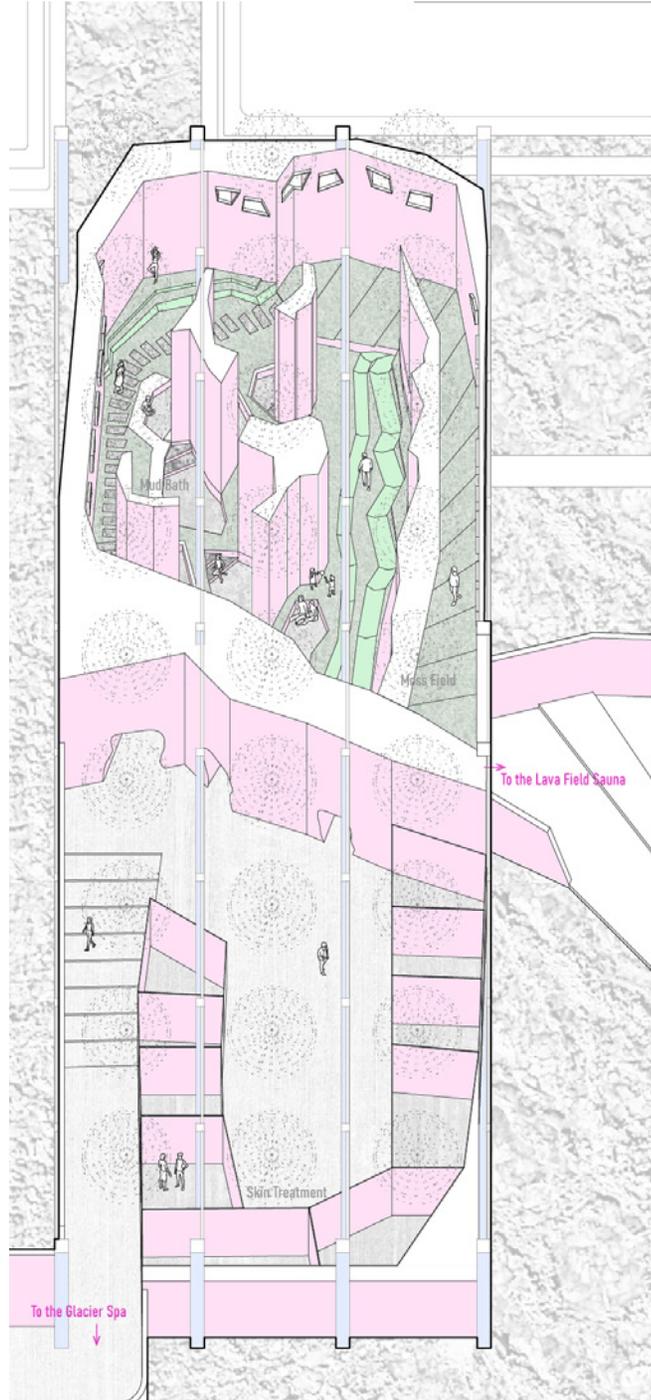




LAVA FIELD SAUNA



MOSS SPA



GLACIER SPA

