

DESIGN II PHASE 4

GREENOPHOSIS

By CHAWIN JANSAENG-ARAM

SITE LOCATION

Khlong Saen Saep is a historic canal in Bangkok, Thailand, stretching approximately 72 kilometers from the Chao Phraya River to Prachinburi Province. Built in 1837 during the reign of King Rama III for military transport, it later became a vital waterway for trade, travel, and urban life. Over the years, the canal has supported diverse communities, including the historic Ban Krua Muslim community and Thai-Chinese traders, with traditional wooden houses, temples, and shophouses lining its banks.



BAAN KRUA COMMUNITY

- Local Name: Ban Khaek Cham
- Community Highlights:
- Ban Krua is a Thai-Muslim Cham community and the largest Muslim community in Bangkok, with a history spanning over 200 years. The community is renowned for its silk-weaving craftsmanship, preserving traditional knowledge passed down through generations. Additionally, it is home to the historic "Yamiul Khoiriyah Mosque," which was built during the reign of King Rama I.
- Subdistrict/Ward: Phetchaburi Road District: Ratchathewi Province: Bangkok



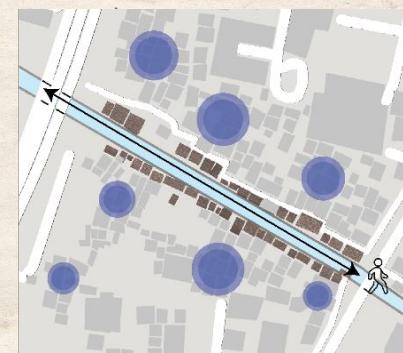
SITE ANALYSIS



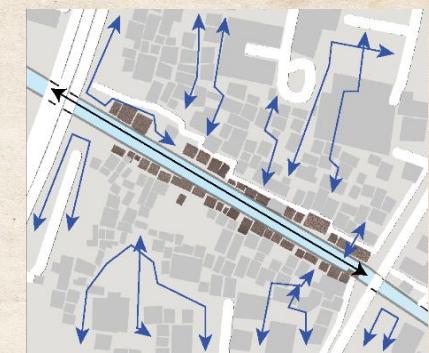
PUBLIC TRANSPORT



GREEN SPACE



URBAN DENSITY



PEDESTRIAN CIRCULATION

USERS



PHOTOGRAPHER

RELGIOUS PEOPLE

ADULT

TEENAGER

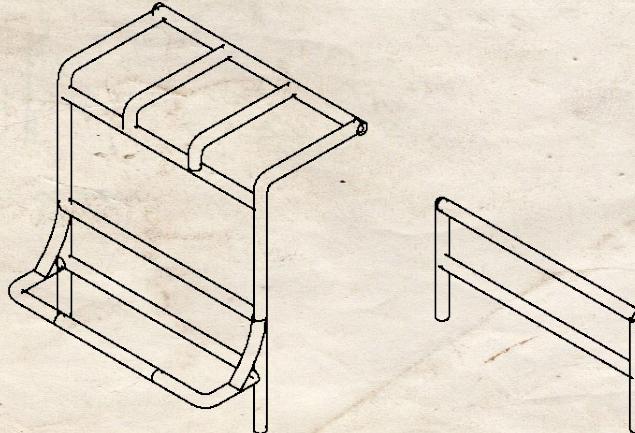
ELDERLY

KIDS

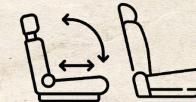
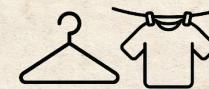
TOURIST

PEOPLE BEHAVIOR

People in baan krua community adapt to limited space by using public space as their own. Moreover, along the canal there are green railings that they have been using for many purposes.



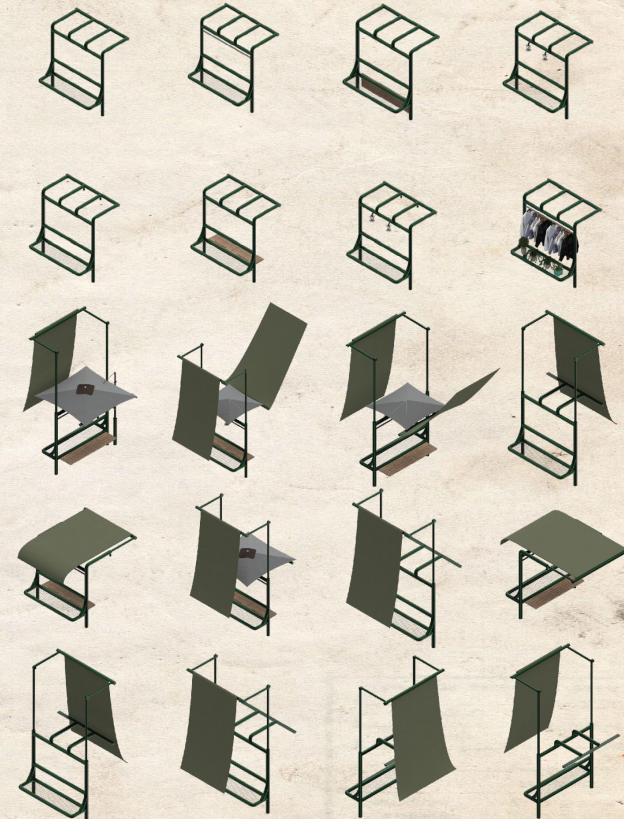
FUNCTION



PEOPLE BEHAVIOR

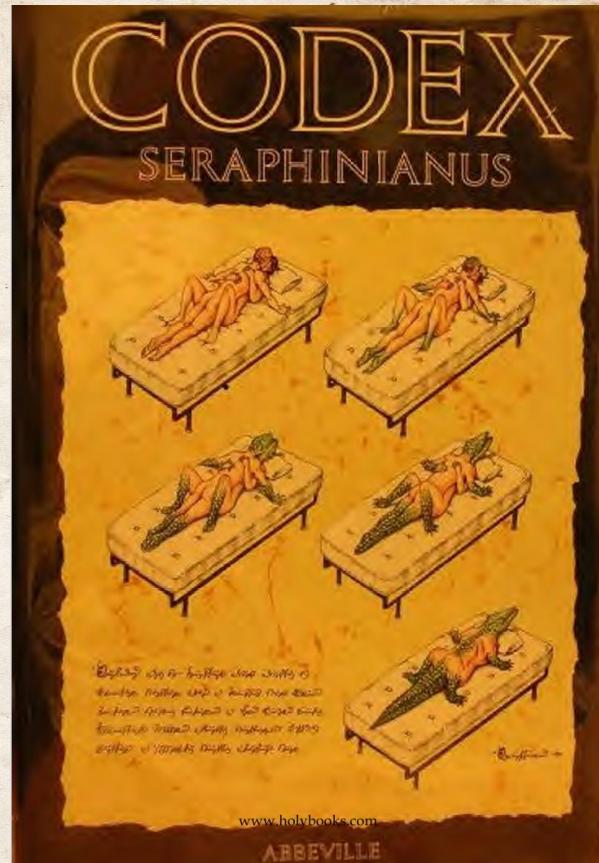
The green railings is just a pipe , however people in the community assign meaning to it by using their imagination which make the shape and the looks of the railings different depending on the user.

THE GREEN RAILINGS



CASE STUDY

The **Codex Seraphinianus** is a surreal and enigmatic illustrated book created by **Luigi Serafini** in the late 1970s. It's famous for being written in an **imaginary language** and filled with bizarre, dreamlike illustrations of imaginary plants, animals, machines, and human rituals.



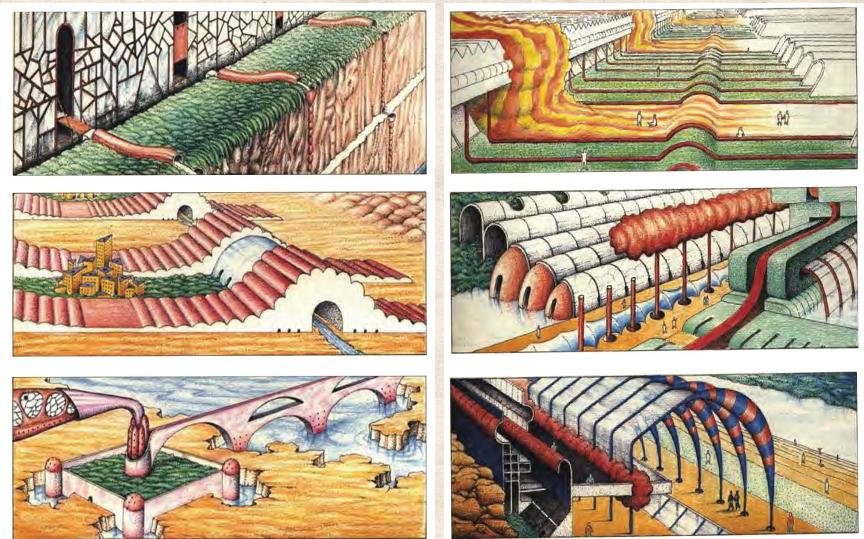
www.holybooks.com

ARBEVILLE

SERAPHINIANUS CODEX

The Codex is structured like a scientific encyclopedia or natural history book—divided into chapters covering topics like:

- Flora (plants)
- Fauna (animals)
- Physics/chemistry
- Machines
- Human society, history, and rituals
- Architecture, fashion, and food

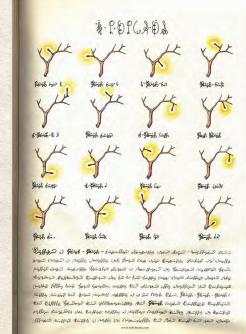
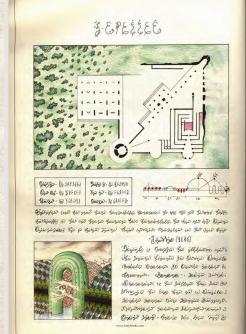
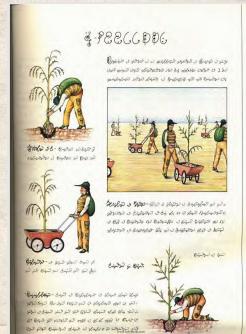
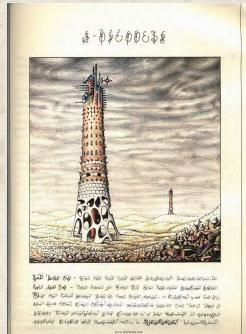


SERAPHINIANUS CODEX

The writing is ** asemic ** — it has no actual meaning.

So why use it?

It captures the feeling of being a child, encountering books or languages you don't yet understand. You can *sense* that there's knowledge there—but it's beyond your comprehension.



SERAPHINIANUS CODEX

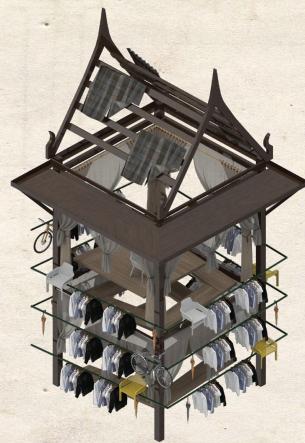
The Codex reflects human culture back at us in a distorted way—showing how strange or ritualistic our own behaviors might seem to an outsider.

The Codex Seraphinianus is not meant to be *understood* in a traditional sense. Its logic is:

- Formal, but meaningless.
- Familiar in structure, alien in content.
- Designed to evoke curiosity, confusion, and wonder.

It's more about **how you feel** when reading it than what it *means*.

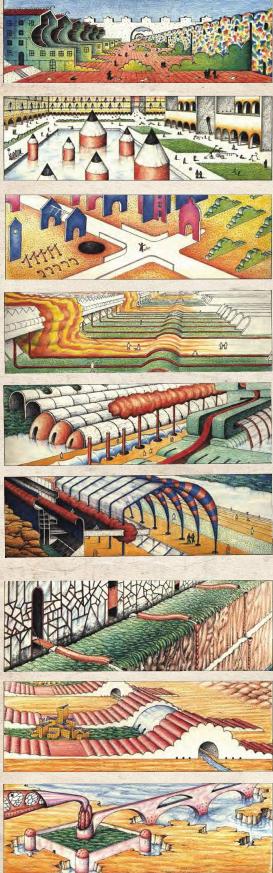
MIDTERM ITERATIONS



SERAPHINIANUS CODEX



DESIGN PROCESS



KEYWORDS

CURVE

REPETITION

HOLE

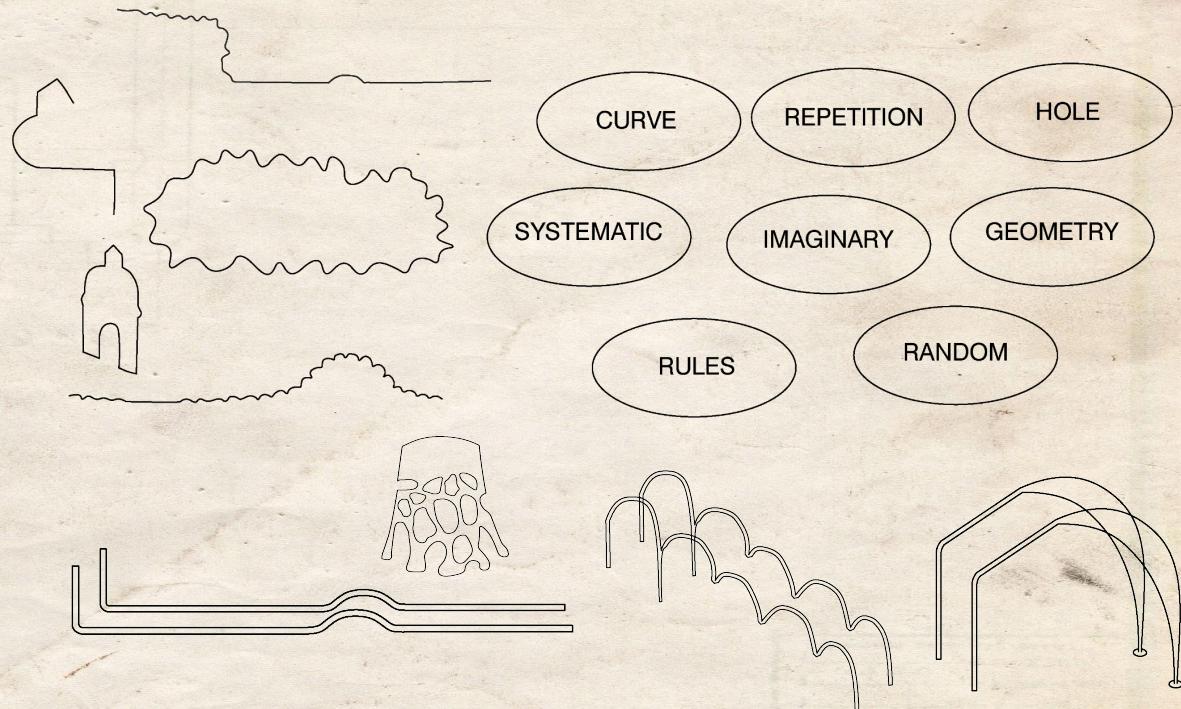
SYSTEMATIC

IMAGINARY

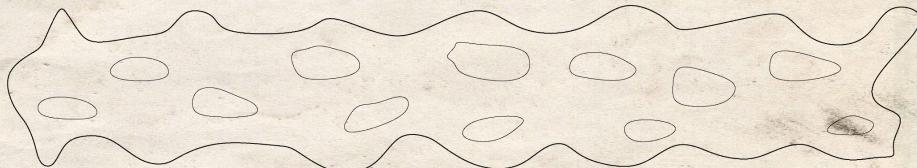
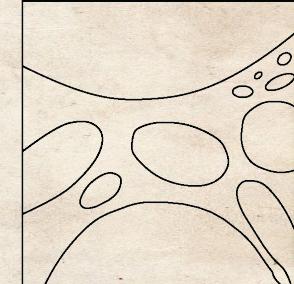
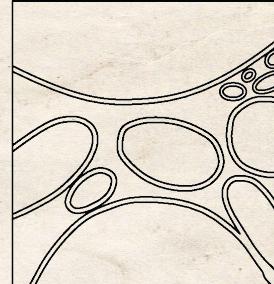
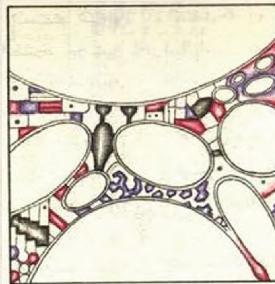
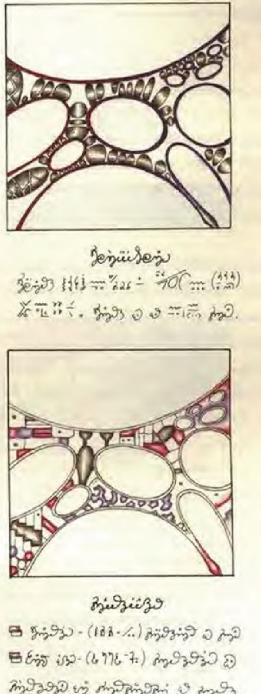
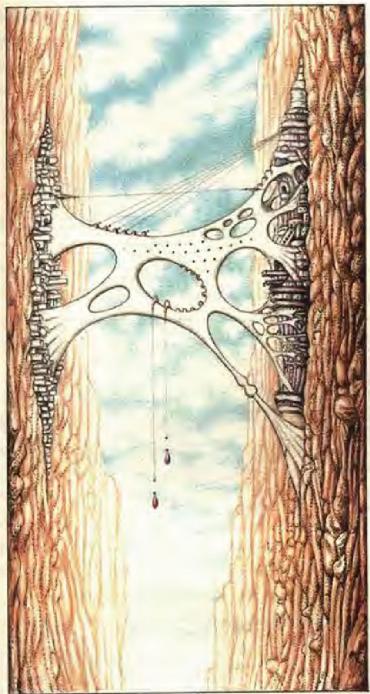
GEOMETRY

RULES

RANDOM

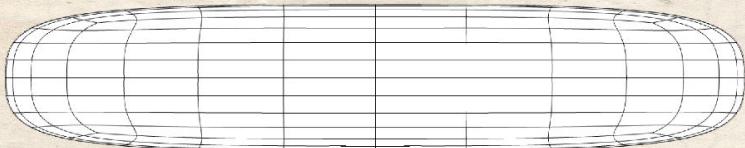


DESIGN PROCESS

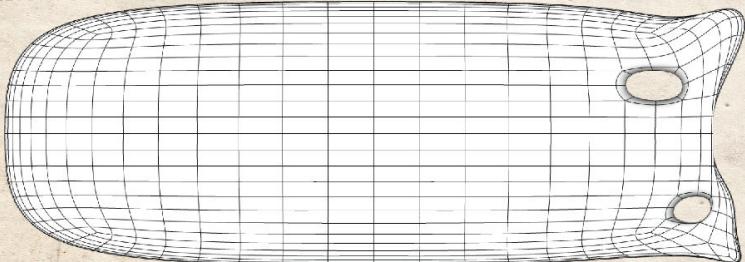


ROOF SHAPE & GEOMETRY

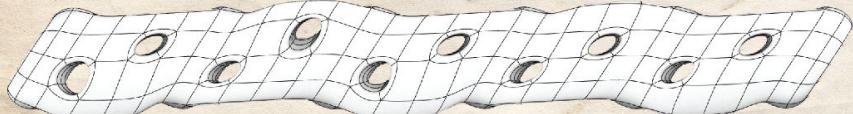
FIRST GEOMETRY



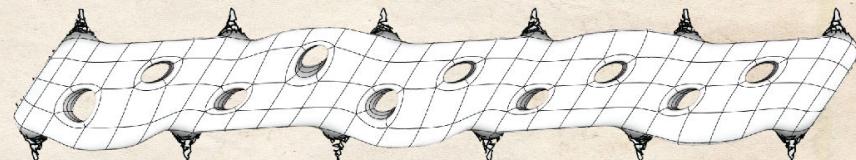
EXPAND



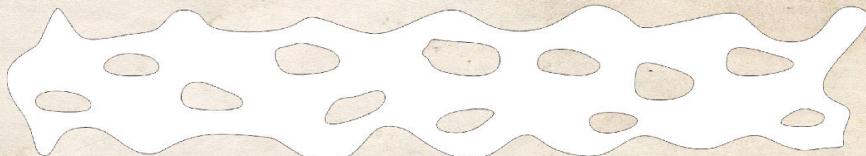
ADD HOLES



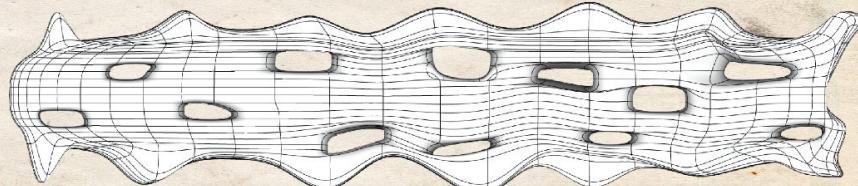
ADD CONNECTOR



SHAPE OUTLINES

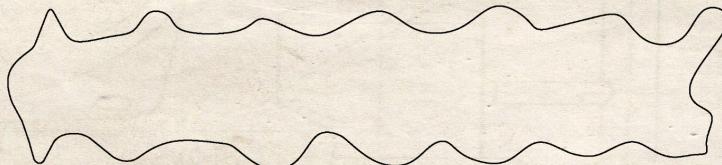


FINAL GEOMETRY

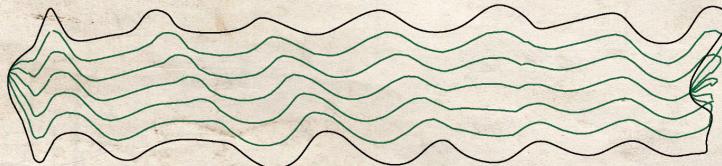


ROOF FRAME

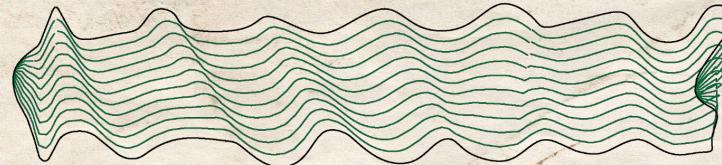
BORDER



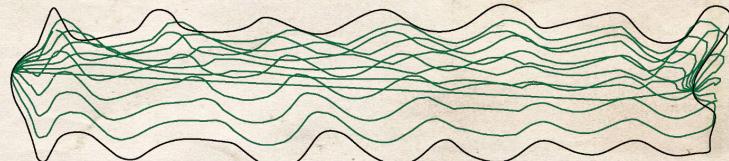
ADD LINES



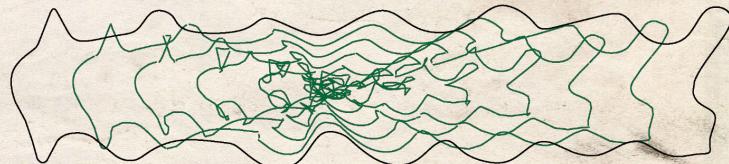
ADD MORE LINES



CHANGE ORIGIN OF
THE LINES

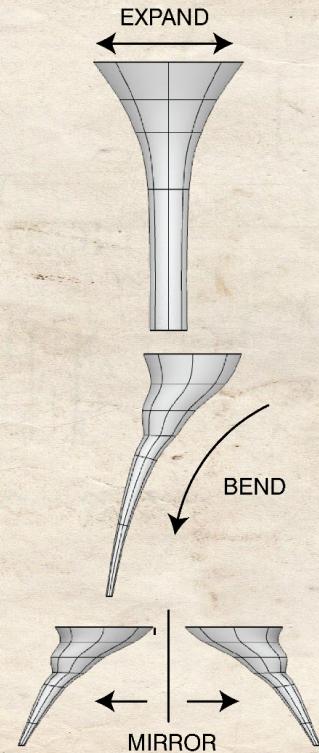


CONNECT AT THE
CENTER

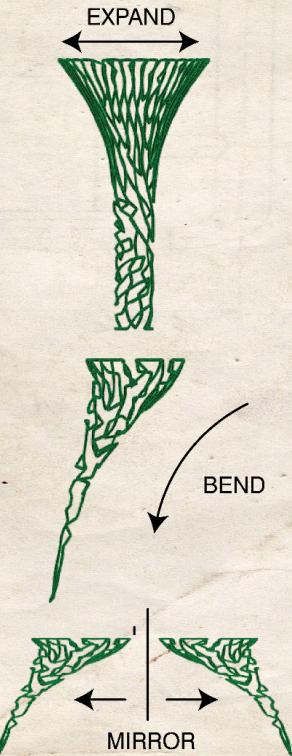


SHAPE OF THE POST

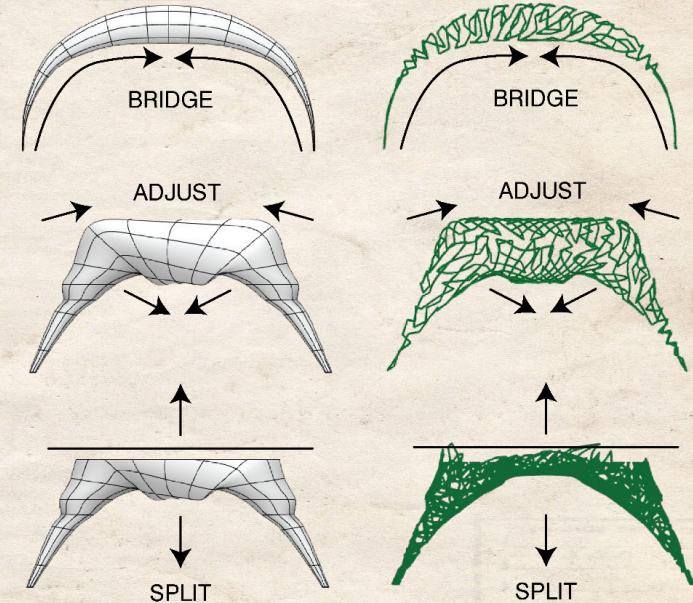
SHAPE & GEOMETRY



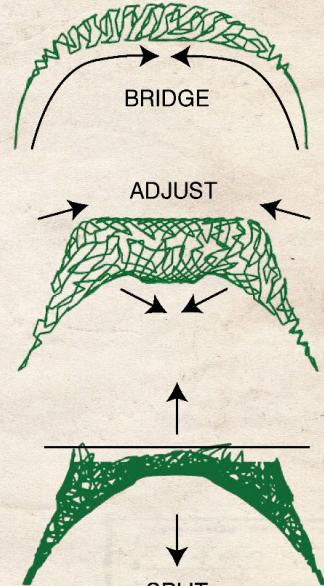
WIRED FRAME



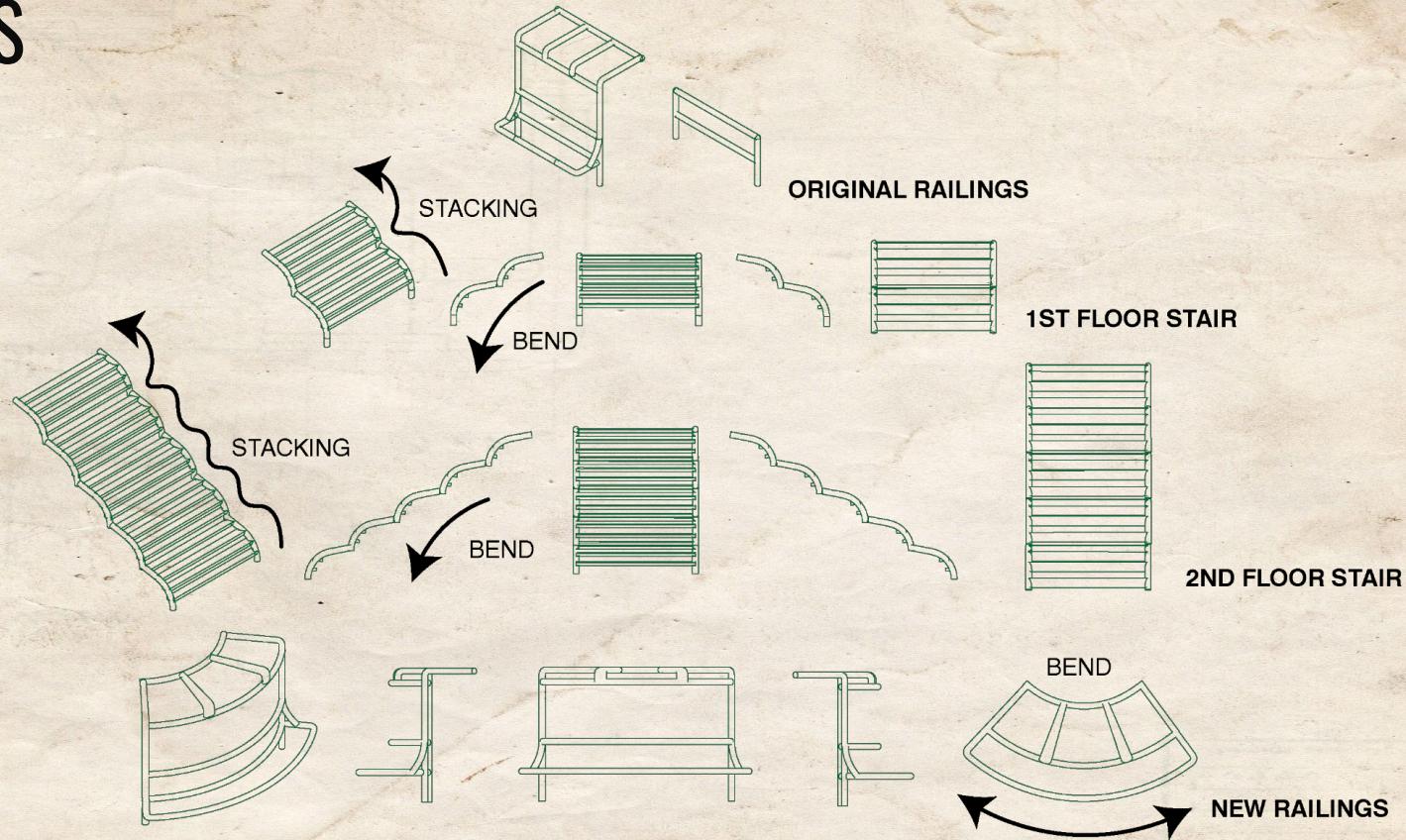
SHAPE & GEOMETRY



WIRED FRAME



ASSETS

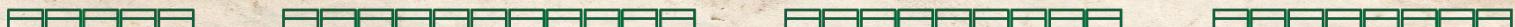


RAILING ALONG THE KHLONG



ENTRANCE

ORIGINAL RAILINGS



ARRAY



TRANSFORMATION



FINAL RAILINGS



ORIGINAL RAILINGS



ARRAY



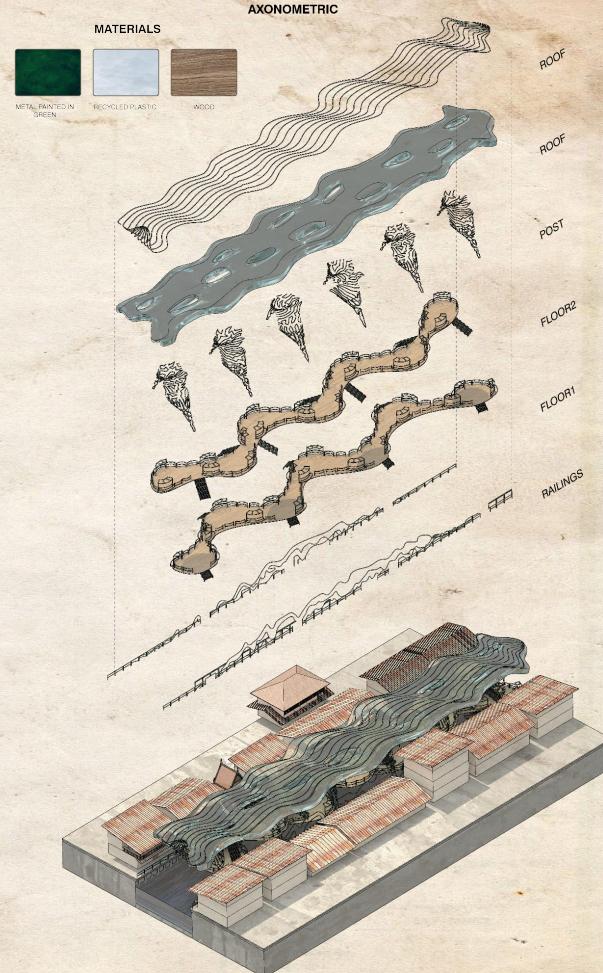
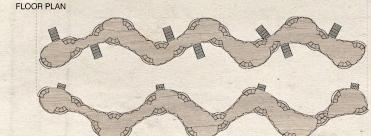
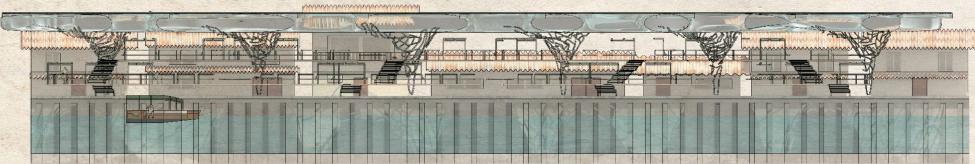
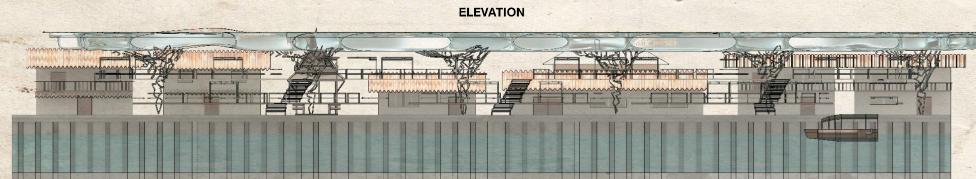
TRANSFORMATION

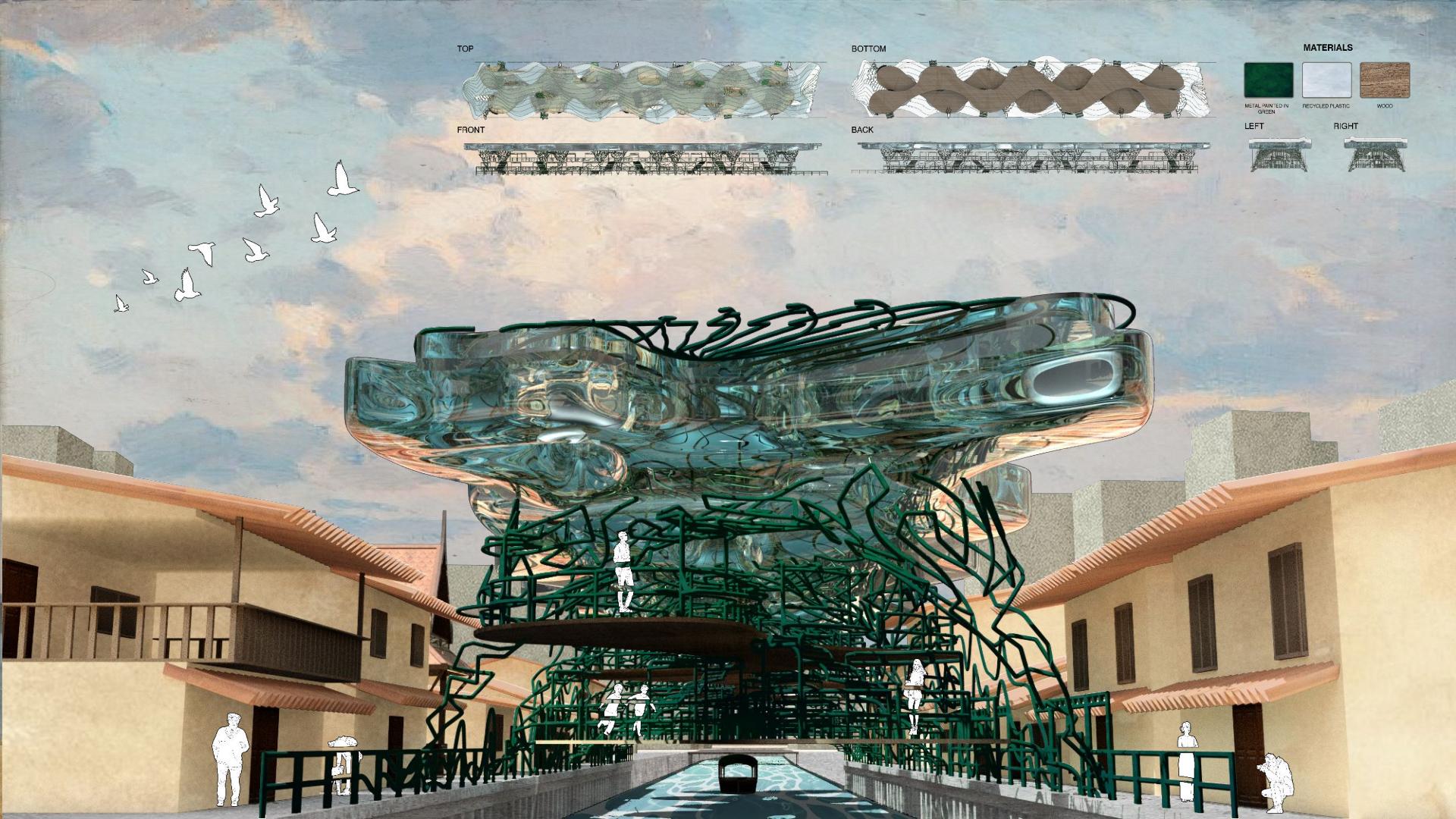


FINAL RAILINGS

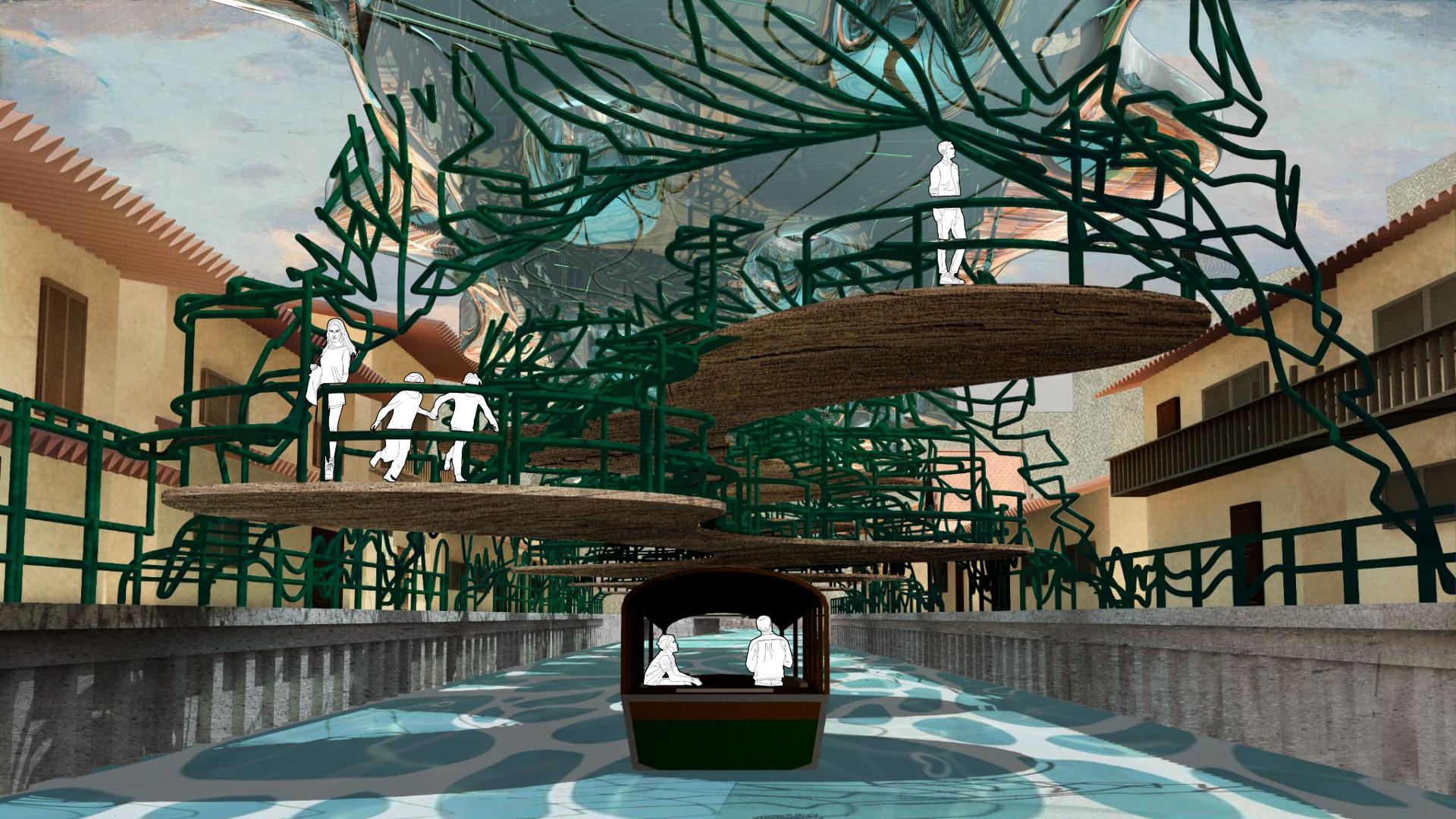


DESIGN WITH CONTEXT













THE END

