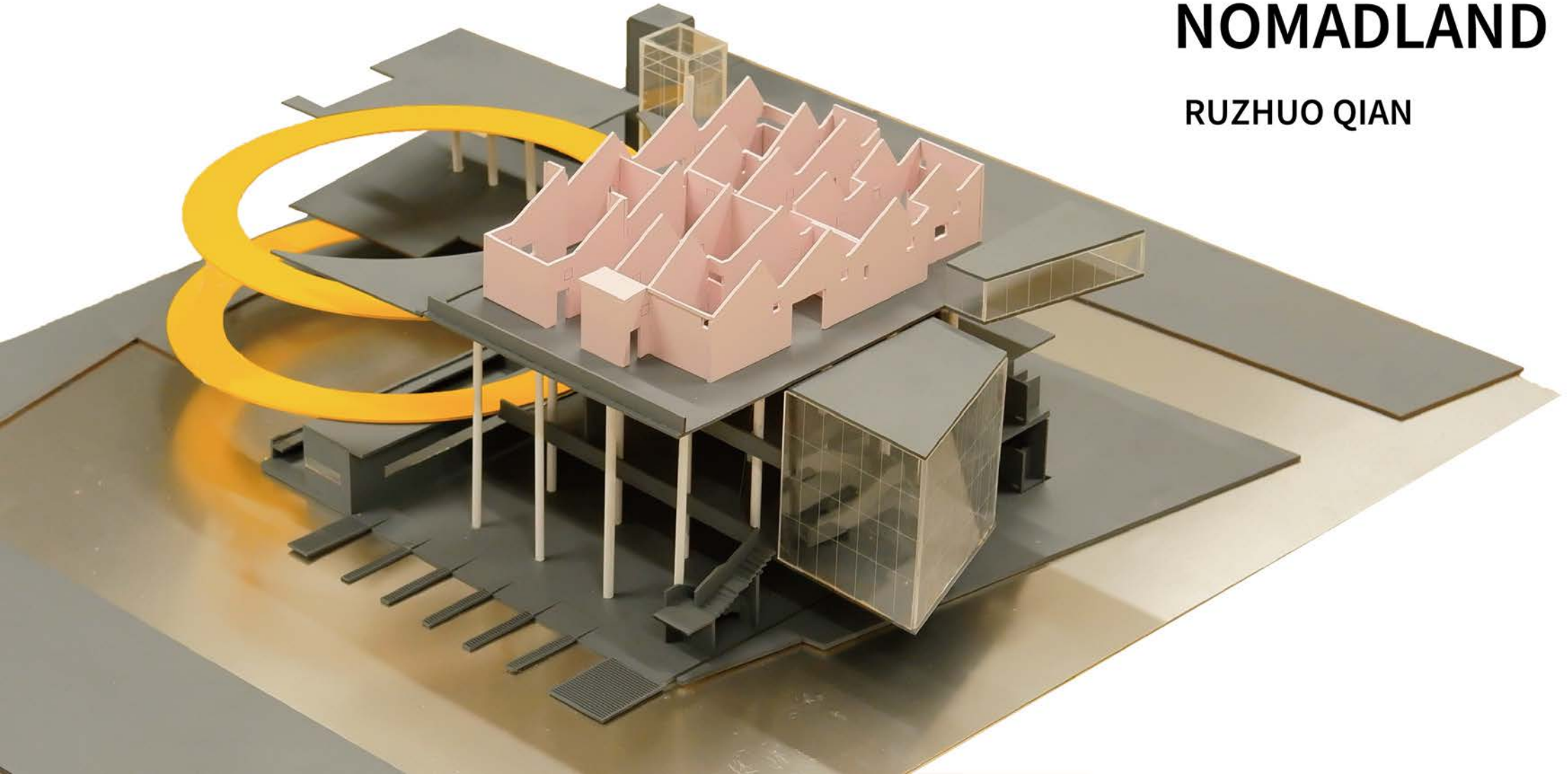
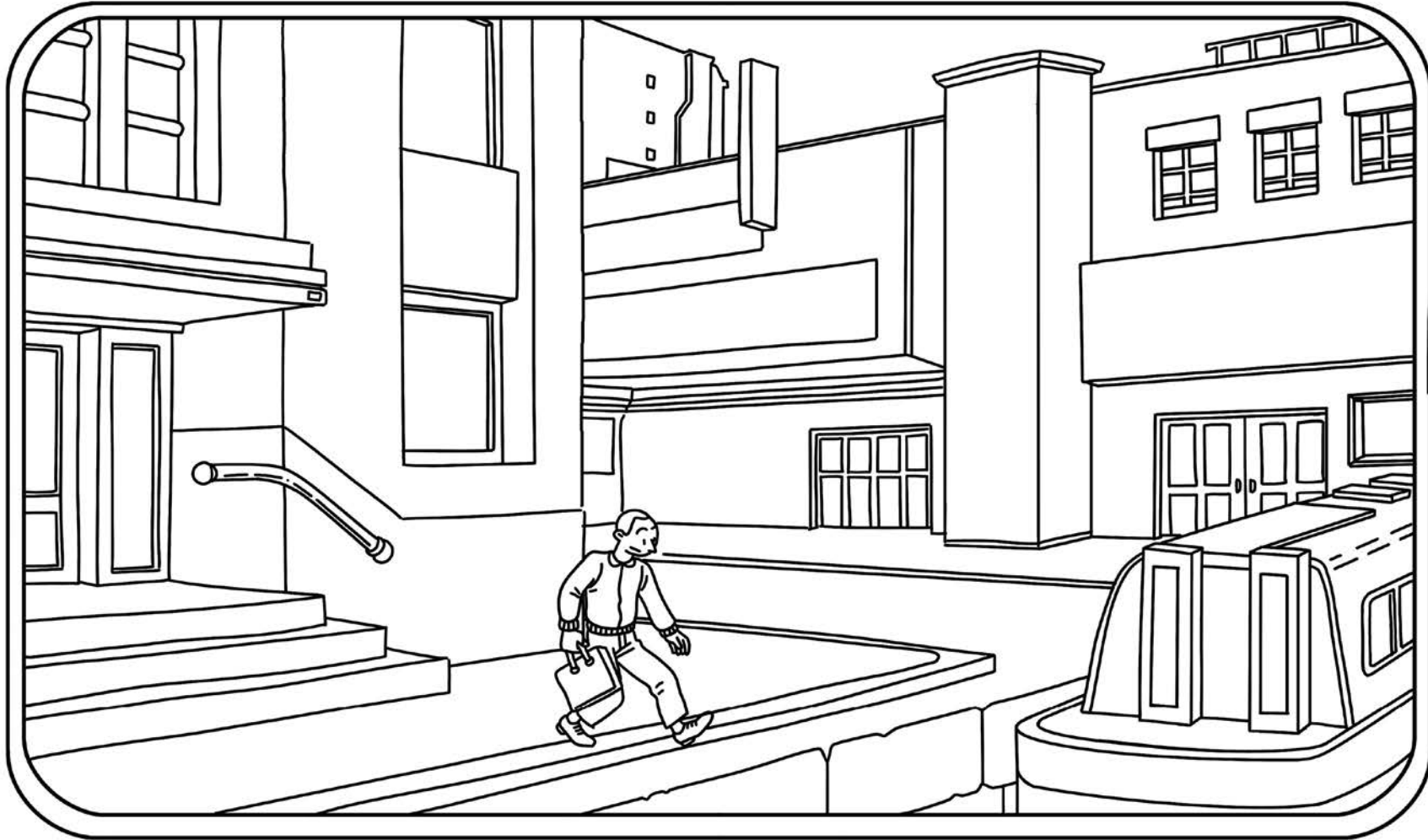


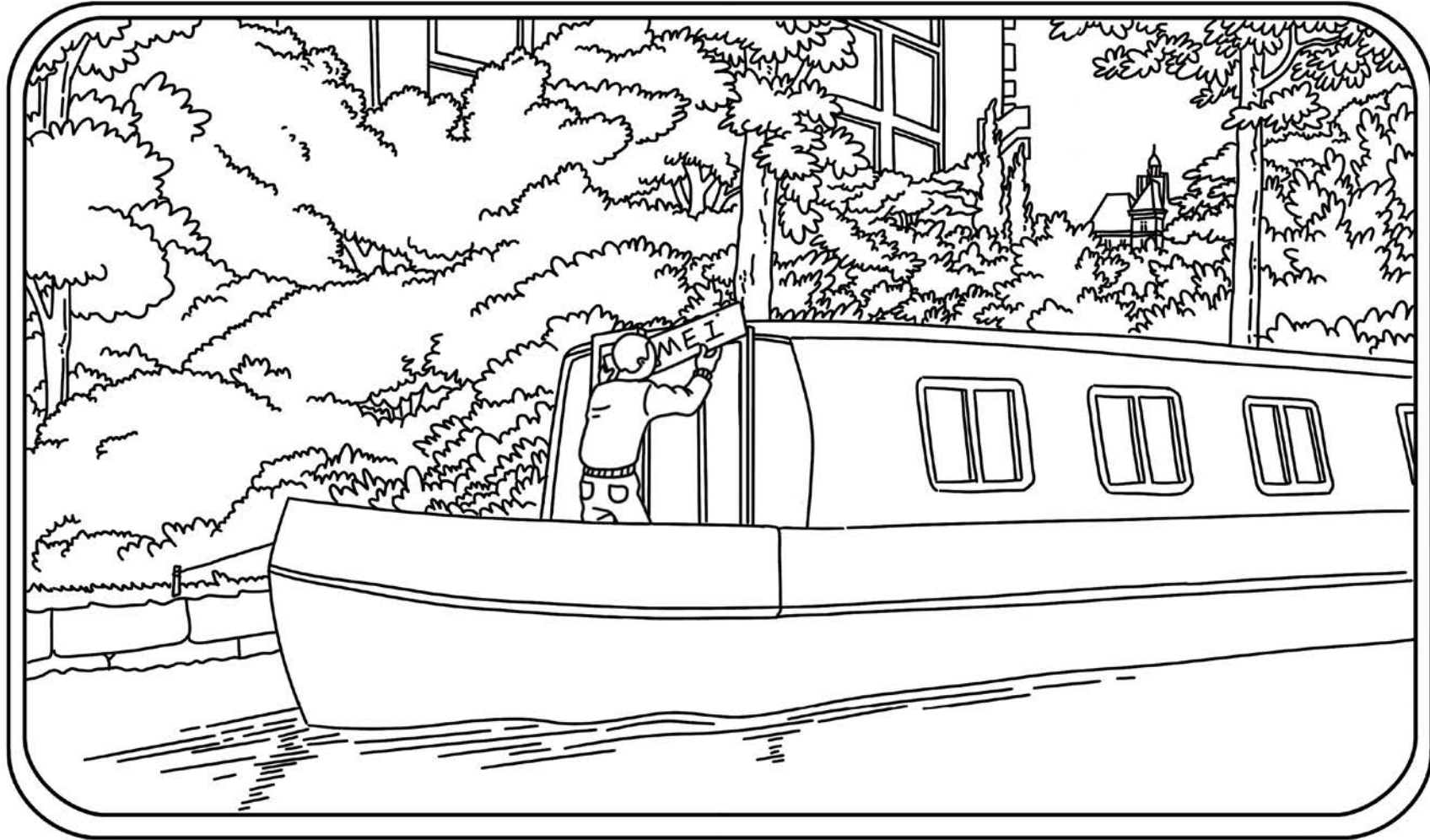
NOMADLAND

RUZHUO QIAN

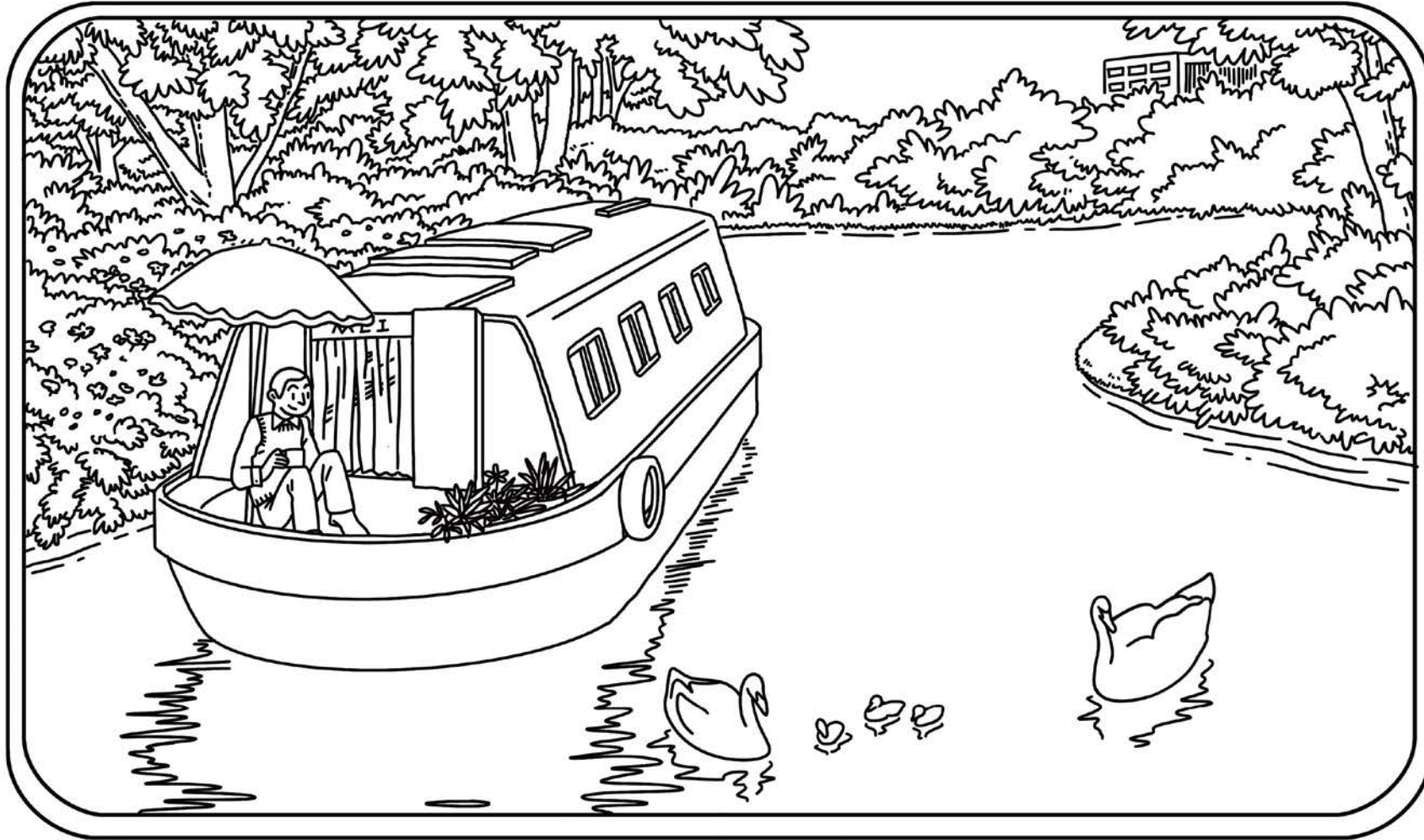




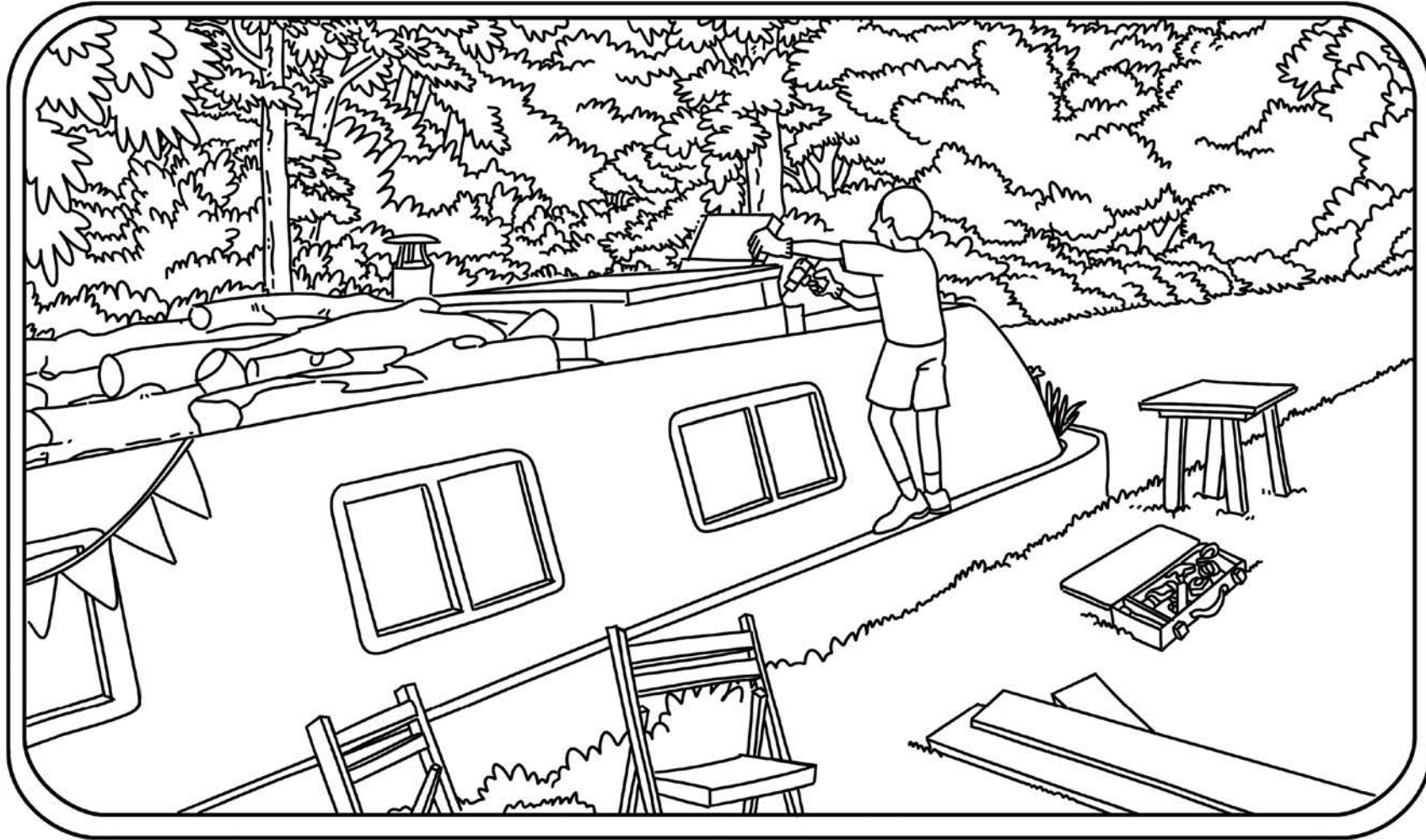
Jack has finally decided to move out of his expensive apartment and has bought a boat to live on, becoming a modern day nomad.



He begins to decorate his new home and names his boat 'Mei', knowing that he will probably be living on it for the next 10 years.



Jack sits on the bow with a cup of tea as the sun sets. He enjoys the relaxation he has not experienced for a long time, the silence around him, away from the TV, away from the traffic, just the sounds of a spring evening.



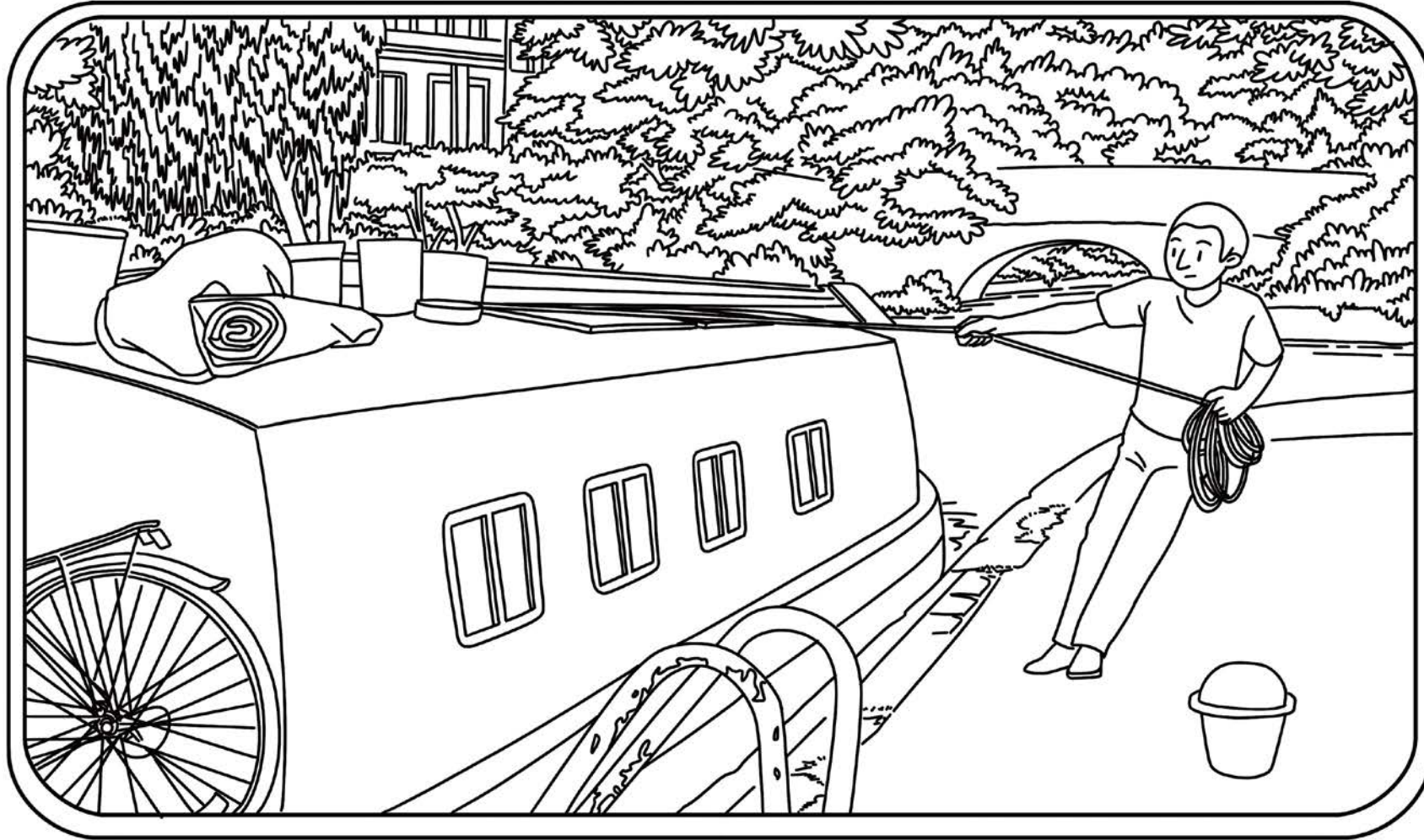
Living on a boat meant that he had to do everything himself, he had to keep an eye on his boat and keep it in good condition, and although plumbing, electricians and the like were still a mystery to him, it looked like an acceptable challenge.v



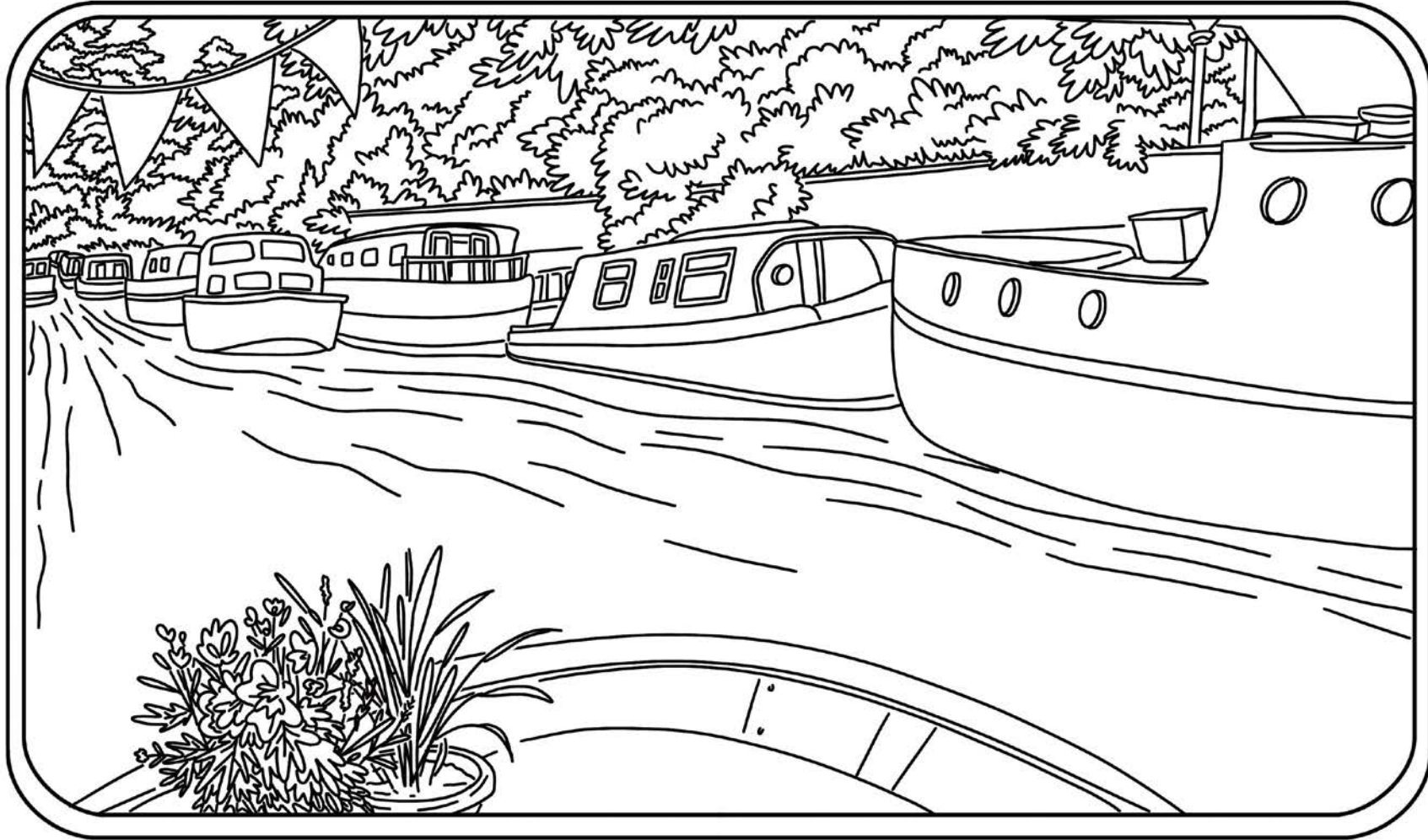
Jack has finally decided to move out of his expensive apartment and has bought a boat to live on, becoming a modern day nomad.



Even something as simple as cooking became a chore on a boat.



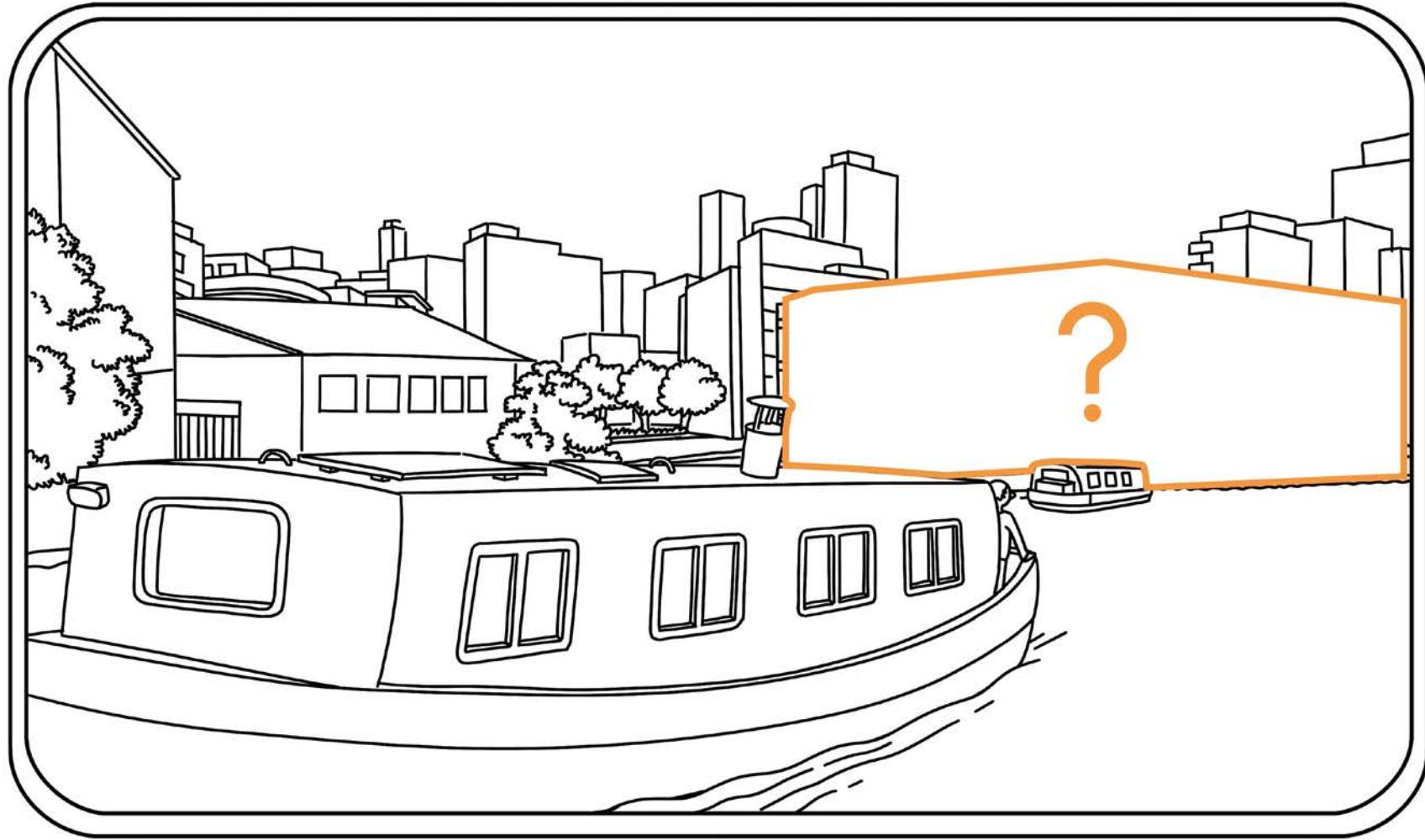
By law, a boat can't stay in the same area for more than 14 days, and Jack has to cut the ropes and find his next berth within 14 days, with continuous cruising giving him the feeling of moving into a new house every fortnight.



Along the way, Jack has met a number of other boats, all of whom have been very friendly and welcoming.



In the course of small talk, Tom, who also lives on a boat, told Jack that there was a building to the south where a lot of people like us who live in boathouses gather and if you have any problems you can go there and it is dedicated to helping us boathouse dwellers.






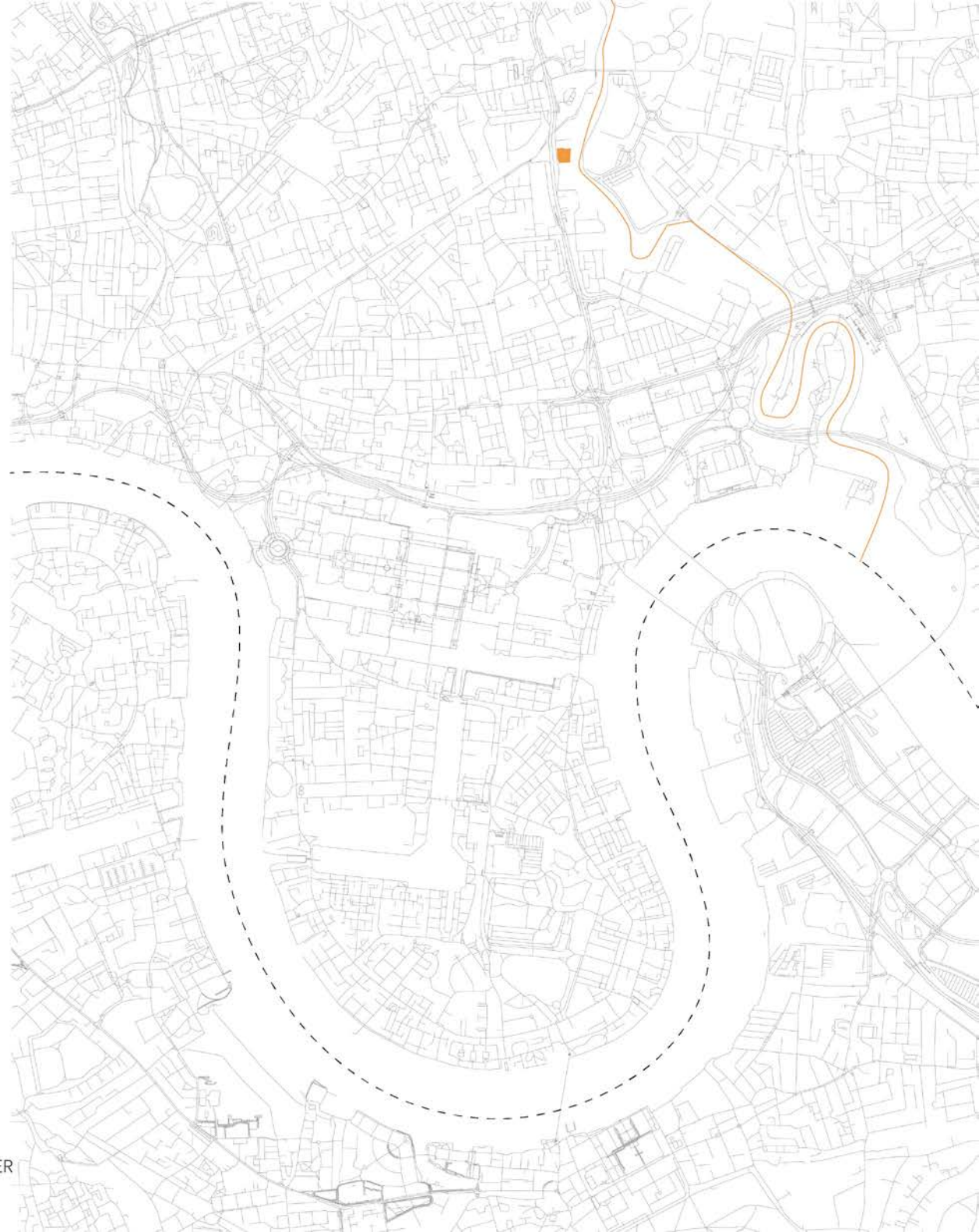
Jack couldn't help but be curious and decided to go, he wanted to know what kind of place it was.



As of 2024, it's estimated that around 4,000 people live on boats in London. This number has significantly increased over the years, with a notable 86% rise in the number of houseboats between 2012 and 2022 due to the high cost of traditional housing and the affordability of boat living.

In terms of proportion, this represents a very small fraction of London's total population, which is over 9 million. Therefore, the percentage of people living on boats is less than 0.05% of the city's residents.

-  SITE
-  LEA RIVER
-  THAMES RIVER





NO HOUSING ≠ NO HOME

Through investigating the unique residential style of houseboats, I have discovered that an increasing number of people in London are exploring the dynamics of mobility and the choice of "home" in modern society. This reflects a global phenomenon where individuals, for various reasons, opt for a more flexible and unconventional lifestyle.

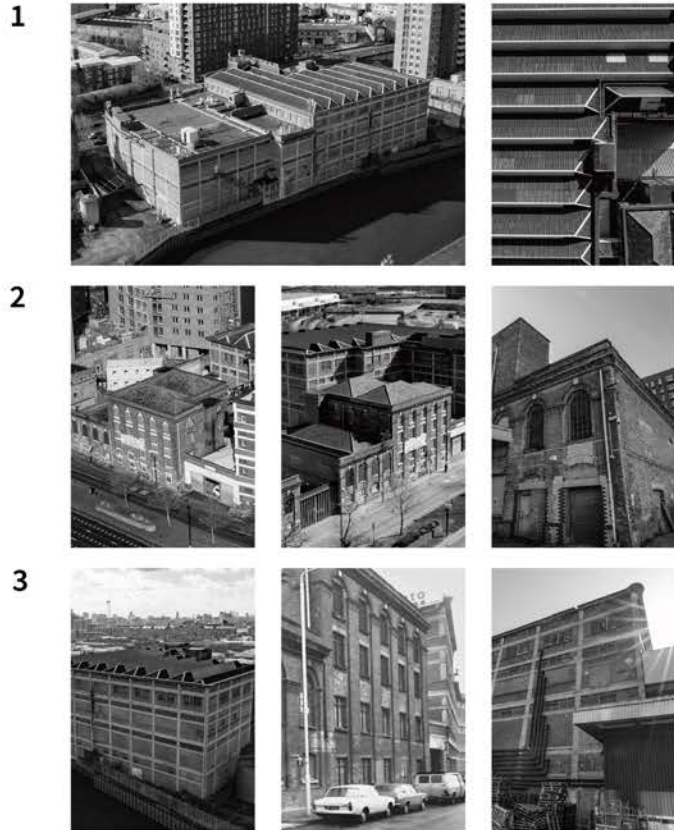


The vision is to make this place an extended family for the residents of the Boathouse, where they can get to know each other better and help each other in their independent living. It is not only a temporary and comfortable place for the residents to live, but also a place where they can come for financial support.

The architecture focuses on marginalized individuals in society, hoping to draw attention to the plight of vulnerable groups within the community.

Through researching the life experiences of individuals living on houseboats, I aim to engage in a profound exploration of the relationship between the individual and society. It underscores the intricate balance individuals strike between pursuing personal freedom and maintaining connections within society, sparking reflections on freedom, social interactions, and life goals.

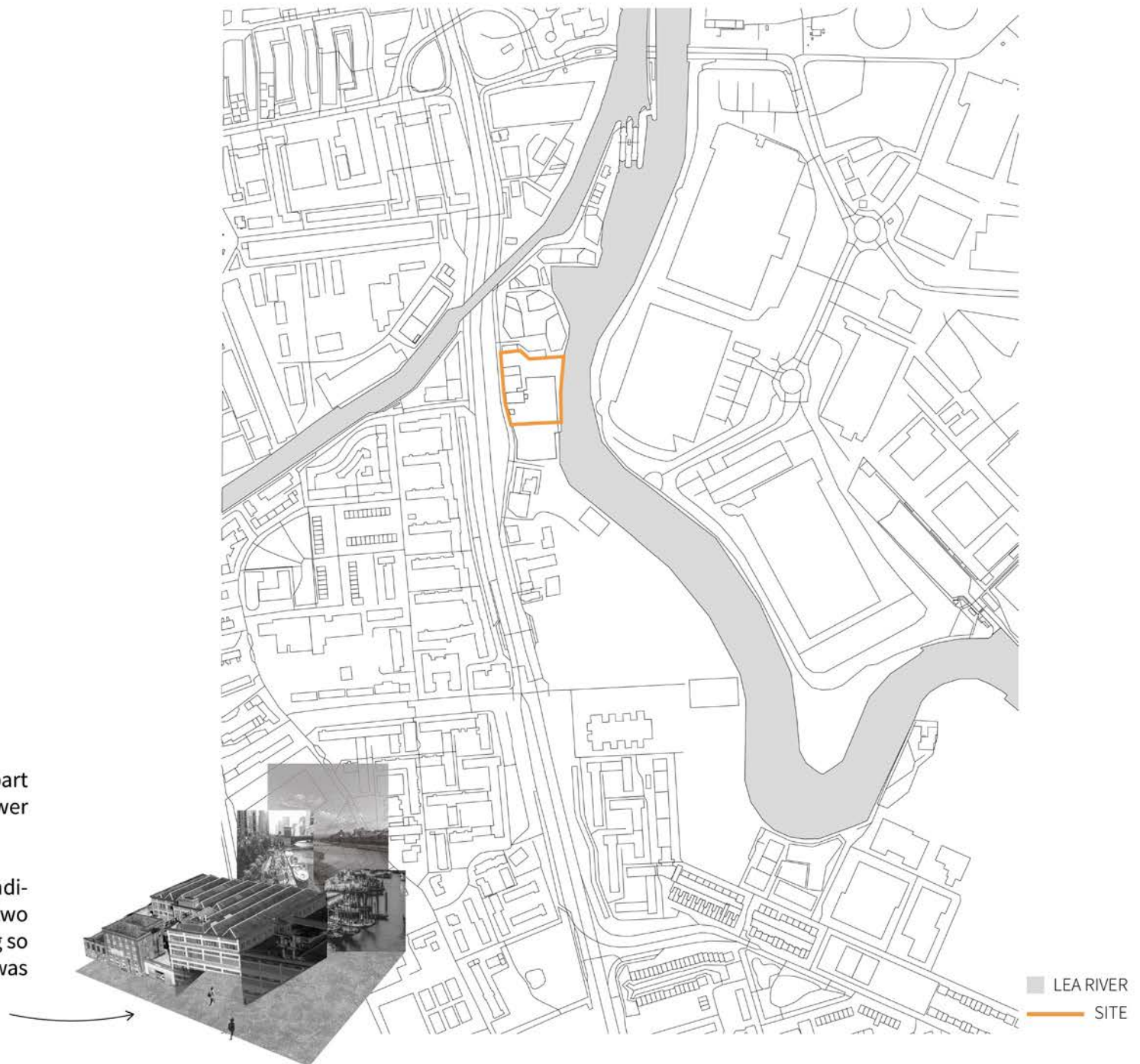
SITE ANALYSIS DIAGRAMS



📍 23-24 Gillender Street E3, London

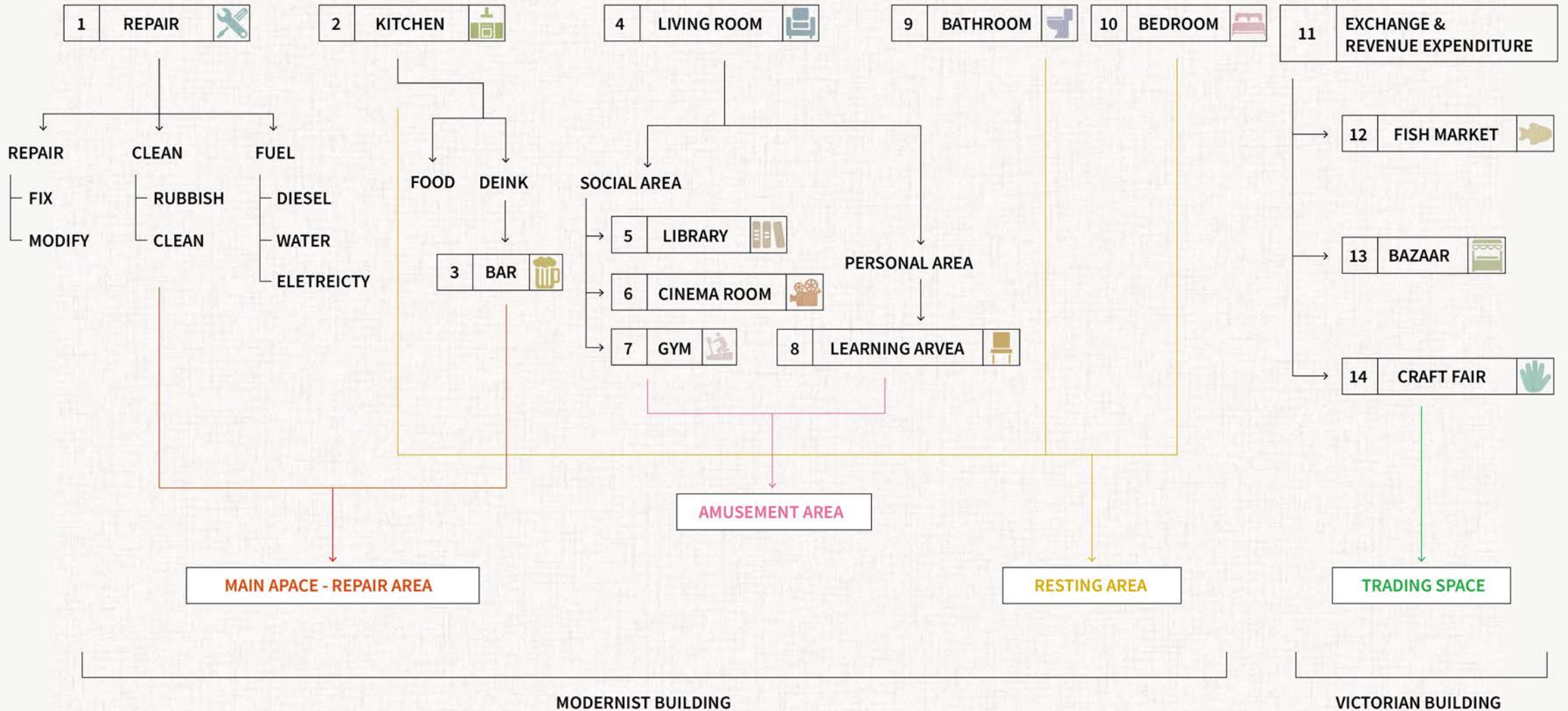
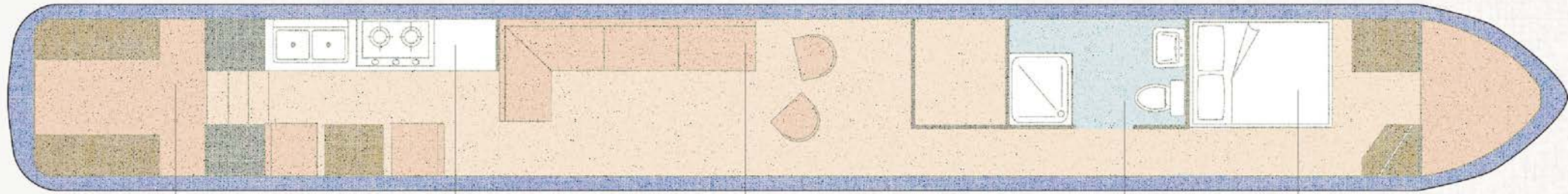
23-24 Gillender Street is a 170,00 sq ft part Victorian and part 1930's modernist warehouse in the London Borough of Tower Hamlets.

On the east side of the site is the River Lee, which creates conditions for boats to travel. In order to connect the river to the two buildings, I decided to bring the river inside the building so that boats could travel through it. How that idea was realised was also the biggest challenge of the project.



BOATHOUSE FUNCTIONAL ANALYSIS

ANALYSING BOATHOUSE INTERIOR FUNCTIONS EXPANDING TO BUILDING INTERIOR FUNCTIONS





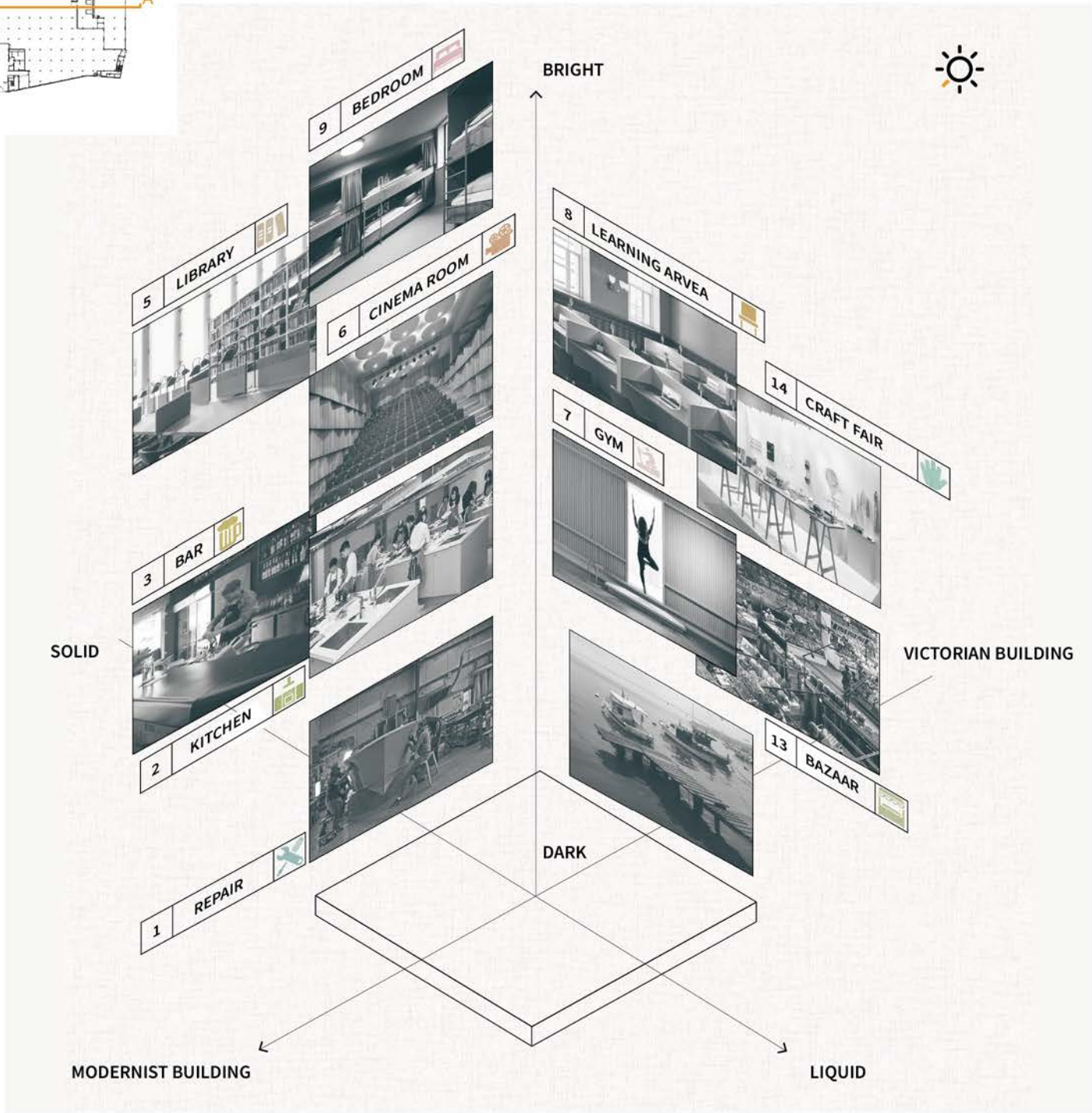
ANALYSIS OF ARCHITECTURAL FEATURES



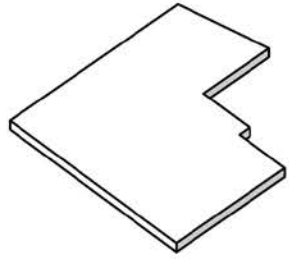
BRIGHT



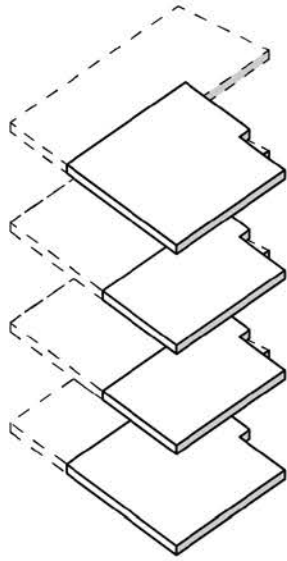
DARK



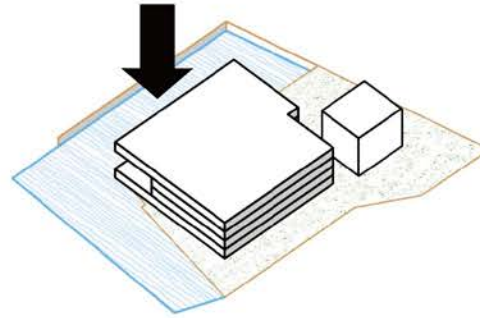
THE EVOLUTION OF ARCHITECTURE



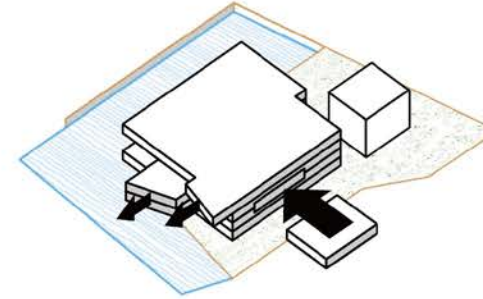
1. Original floor shape.



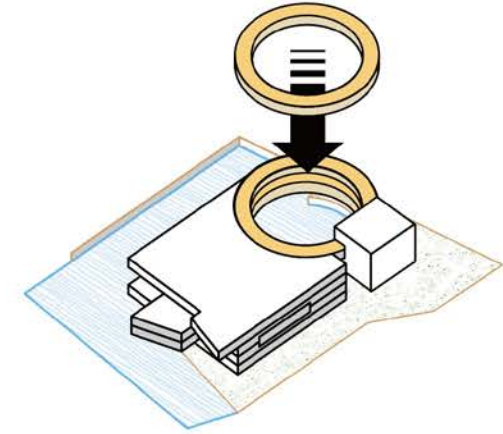
2. Remove south area to create open space.



3. The southern area brings in river water for the boathouse to access the building.



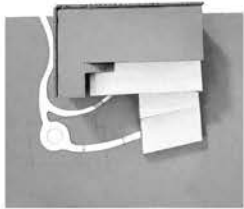
4. The façade facing the river is used as a viewing platform, and mezzanine space is added on the first and second floors to add interest and serve as an enclosed viewing space.



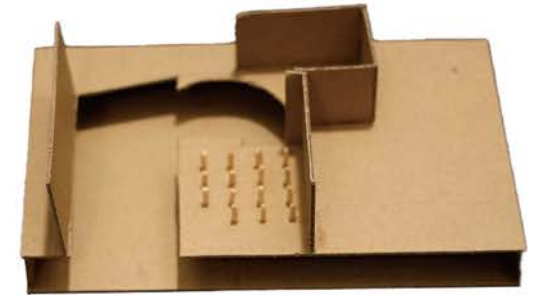
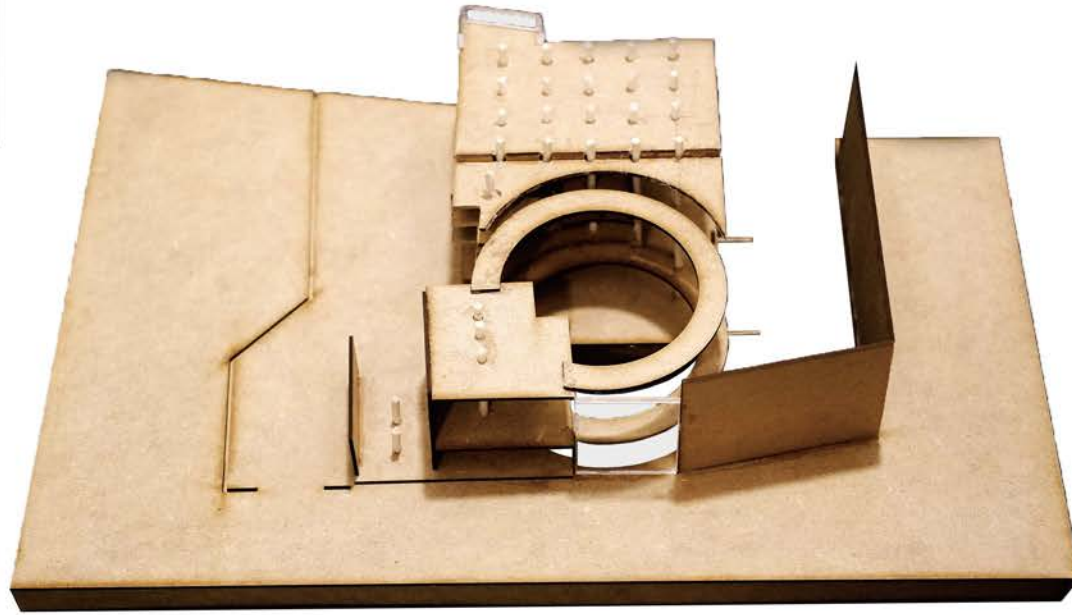
5. The inclusion of a circular corridor links the two buildings and allows for a stroll with views of the river throughout the interior of the building.

DESIGN PROCESS

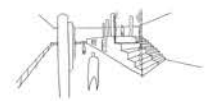
DIFFERENT SCALE MODELS USED AT THE DIFFERENT STAGES OF THE DESIGN



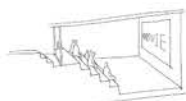
INITIAL MODEL



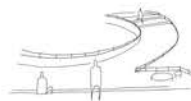
1:200 MODEL



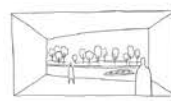
Second floor and Second floor mezzanine



Cinema room



Circular corridor



Projecting viewing window



Ground floor - Moorings



Shared kitchen and gym on ground floor

1:500 MODEL

MATERIAL CHOICES



Original Material - Brick

Preserve the original material features of the building as much as possible.



Solid wood



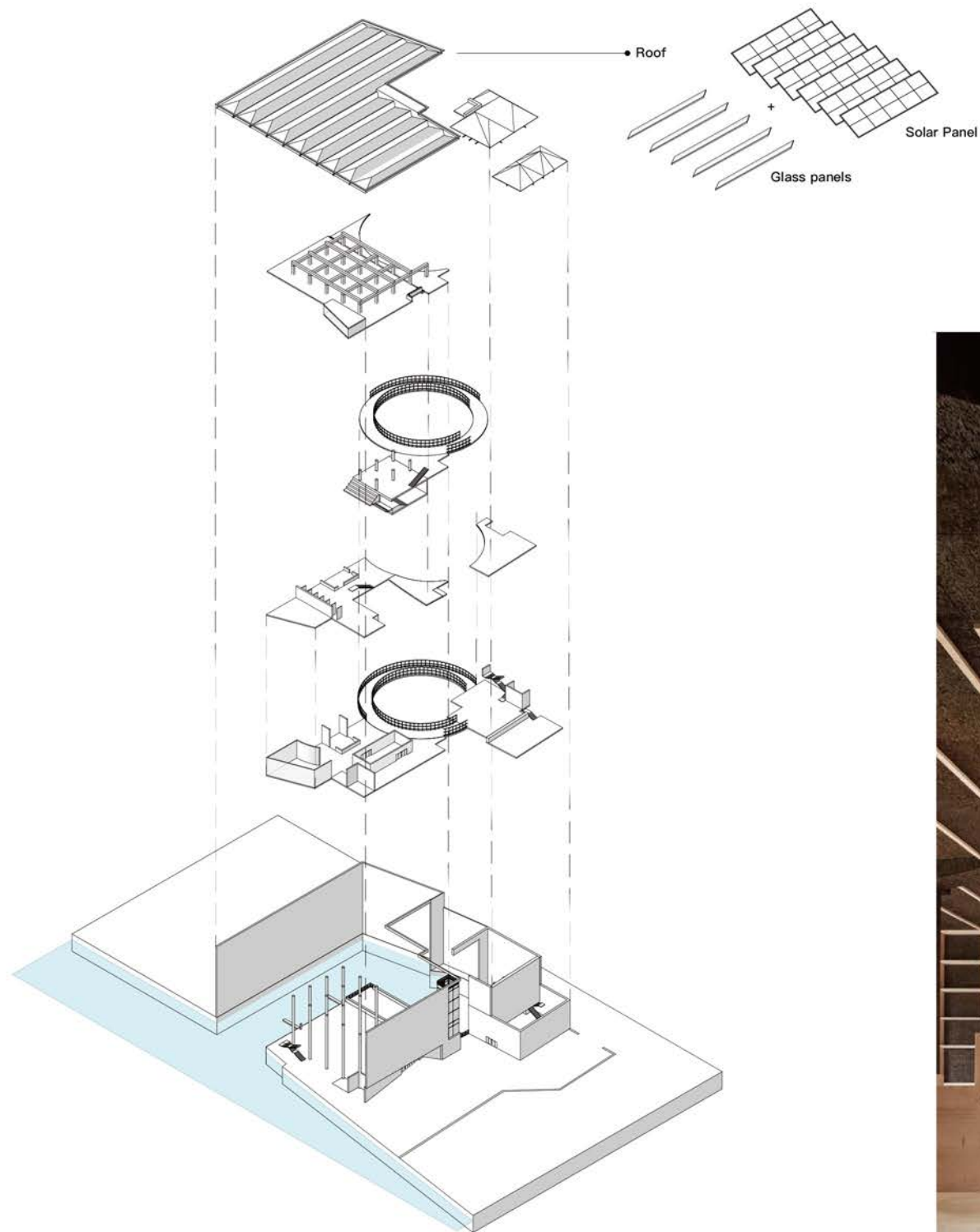
Cork wall

The boathouse material is characterised by wood, and the choice of cork echoes the boathouse theme and the theme of sustainability. The material has good moisture resistance and is suitable for spaces with water currents and high humidity. It is also thermally insulating, fire-resistant and soundproof.

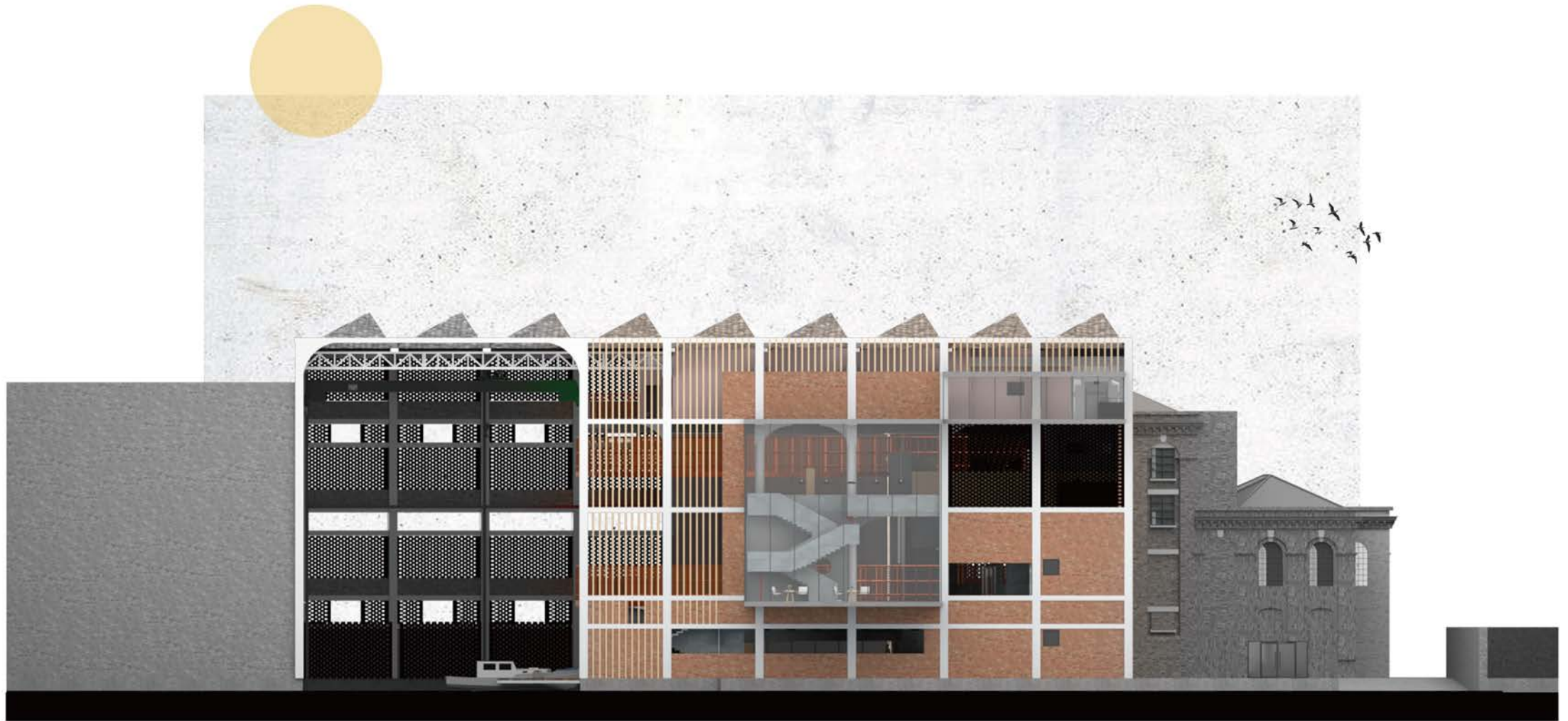


Concrete

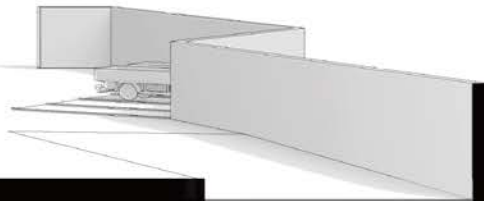
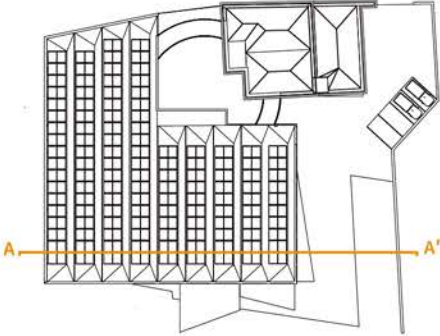
Mixed clay is also moisture- and water-resistant and ecologically friendly, and blends perfectly with wood.



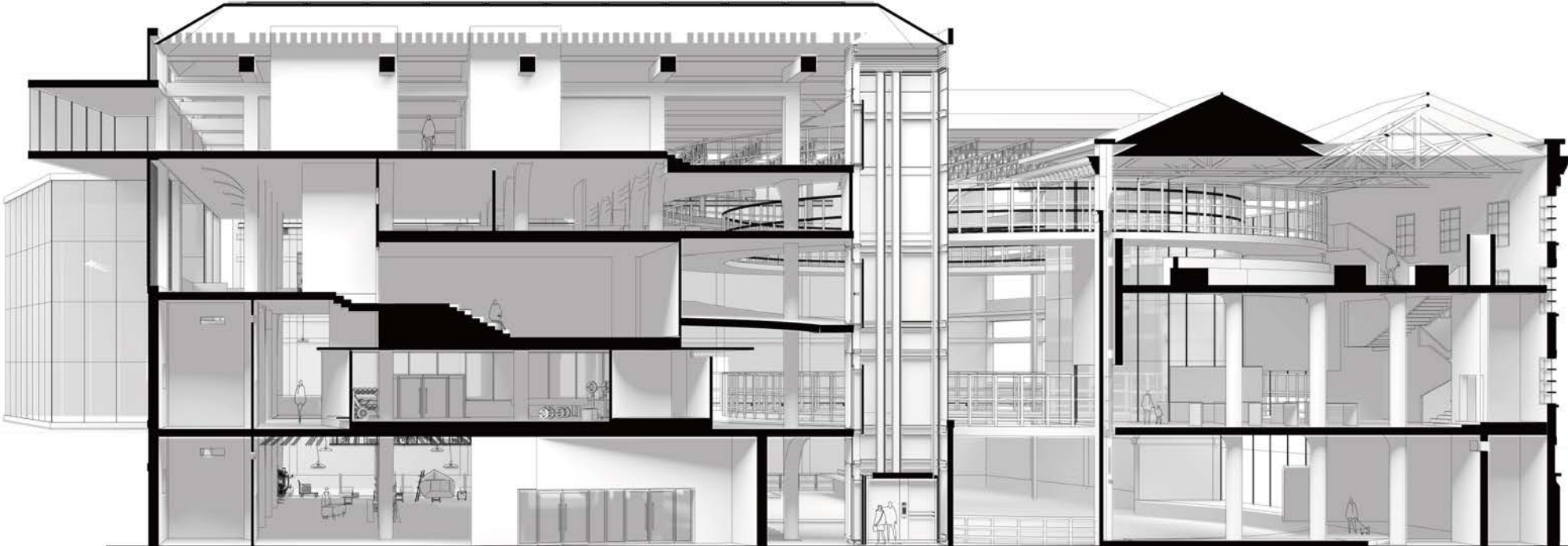
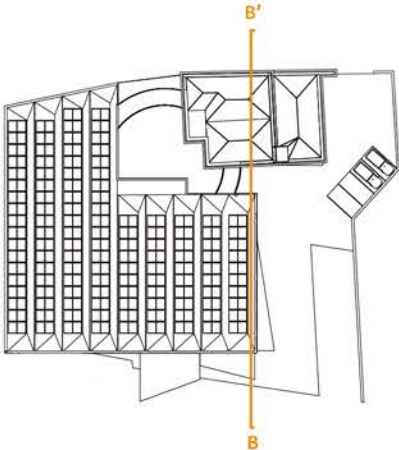
ELEVATION

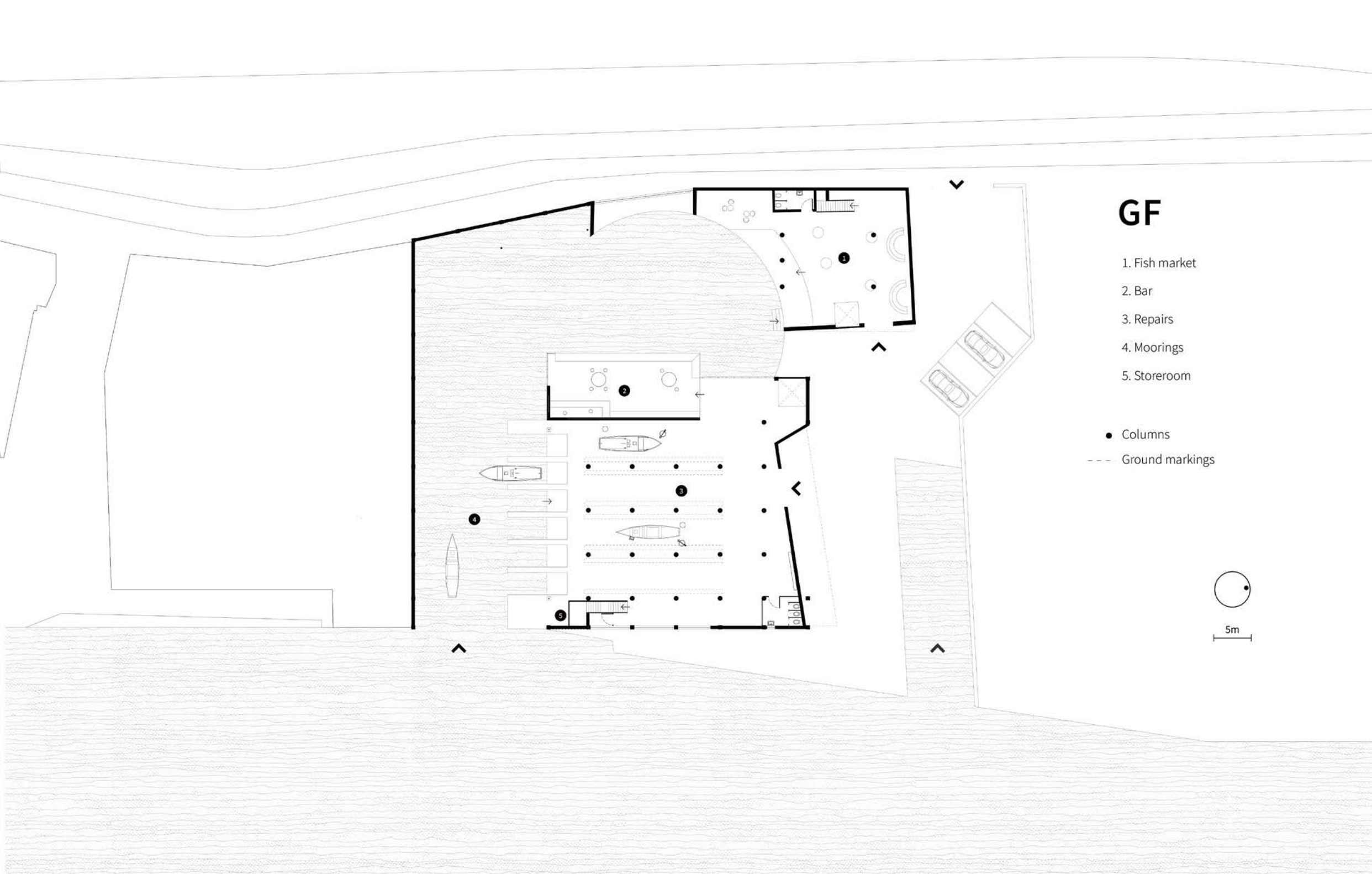


SECTION A



SECTION B



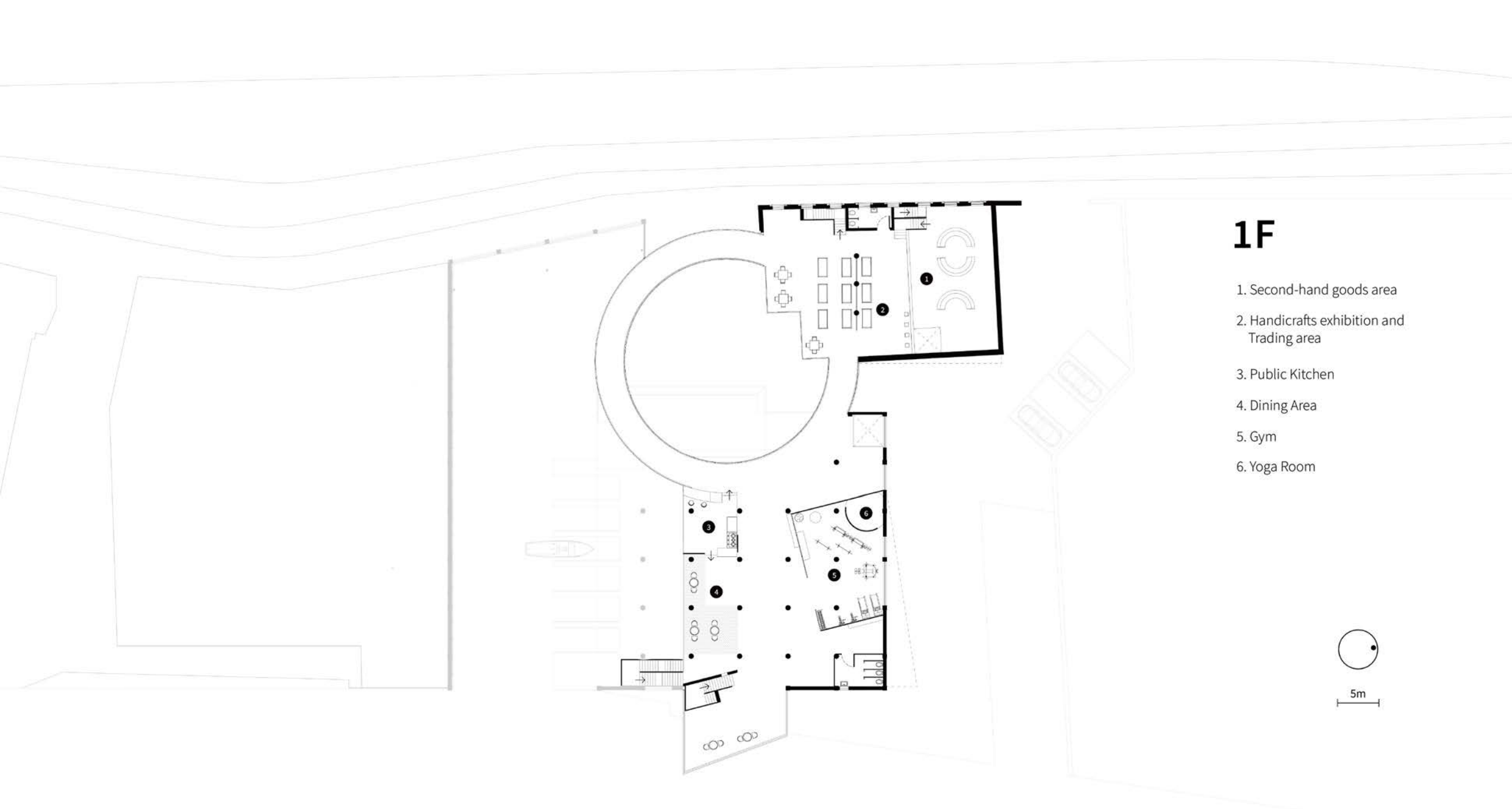


GF

- 1. Fish market
- 2. Bar
- 3. Repairs
- 4. Moorings
- 5. Storeroom

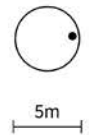
- Columns
- Ground markings





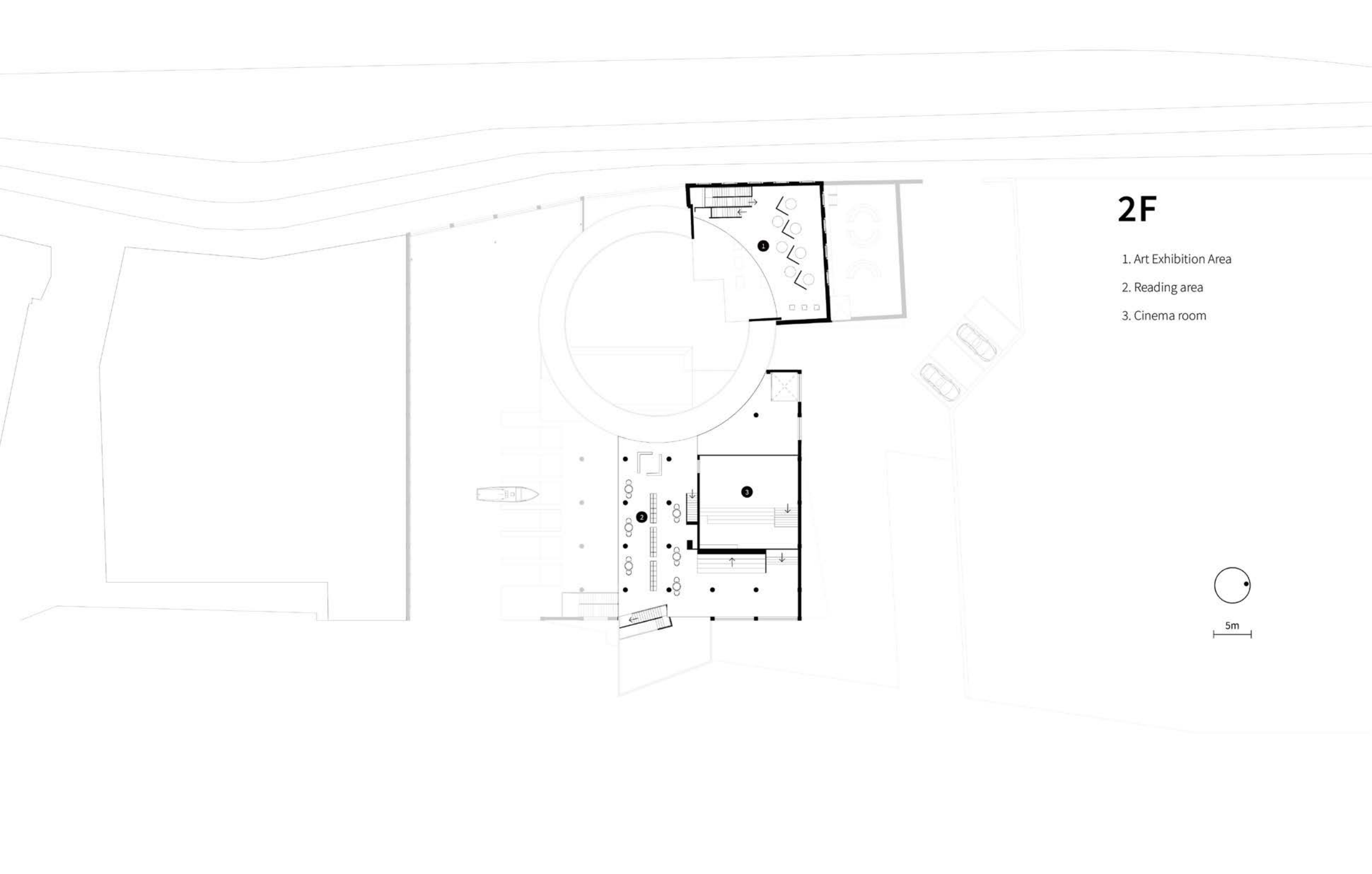
1F

- 1. Second-hand goods area
- 2. Handicrafts exhibition and Trading area
- 3. Public Kitchen
- 4. Dining Area
- 5. Gym
- 6. Yoga Room



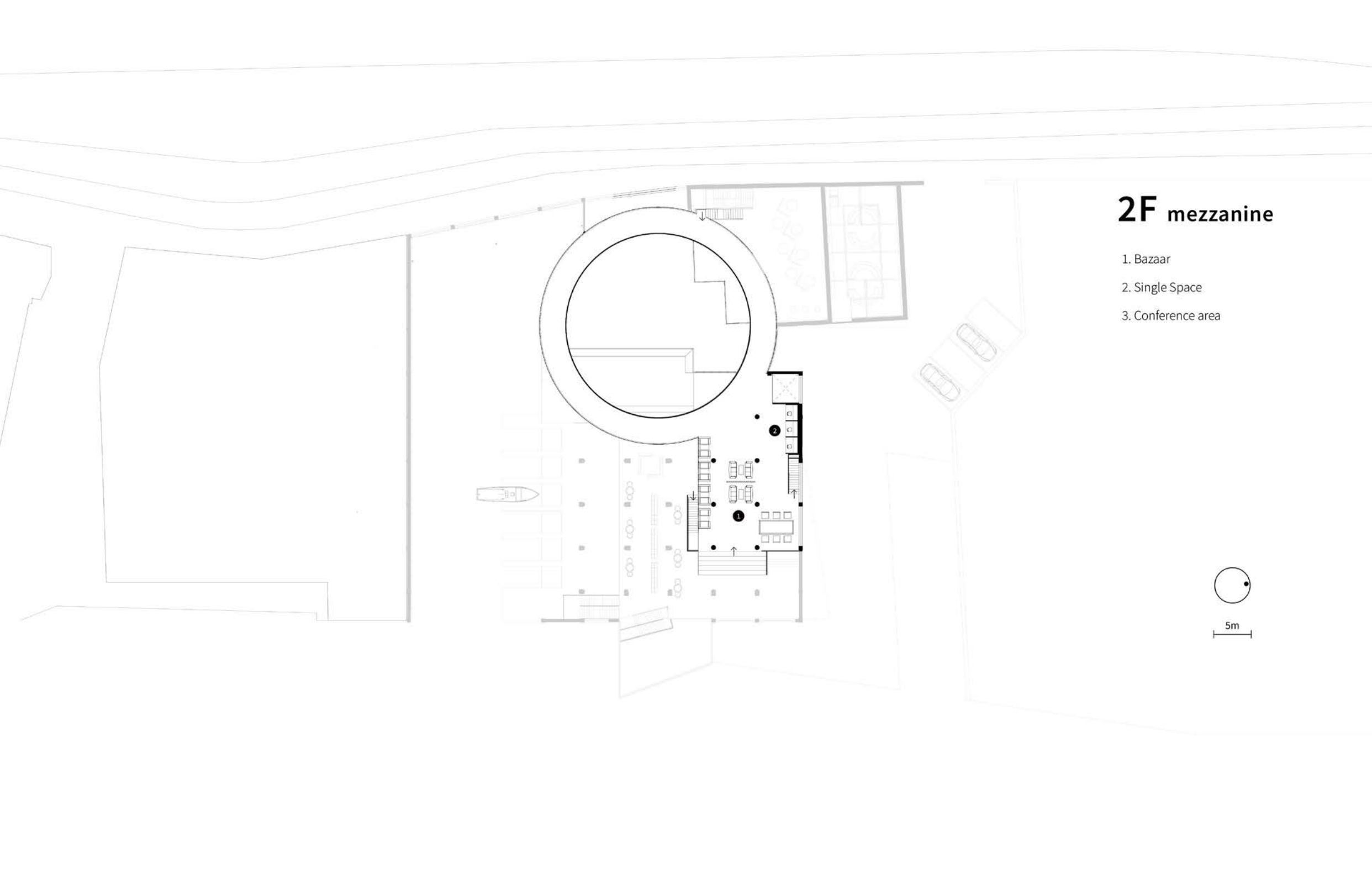
2F

- 1. Art Exhibition Area
- 2. Reading area
- 3. Cinema room



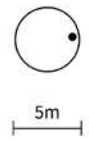
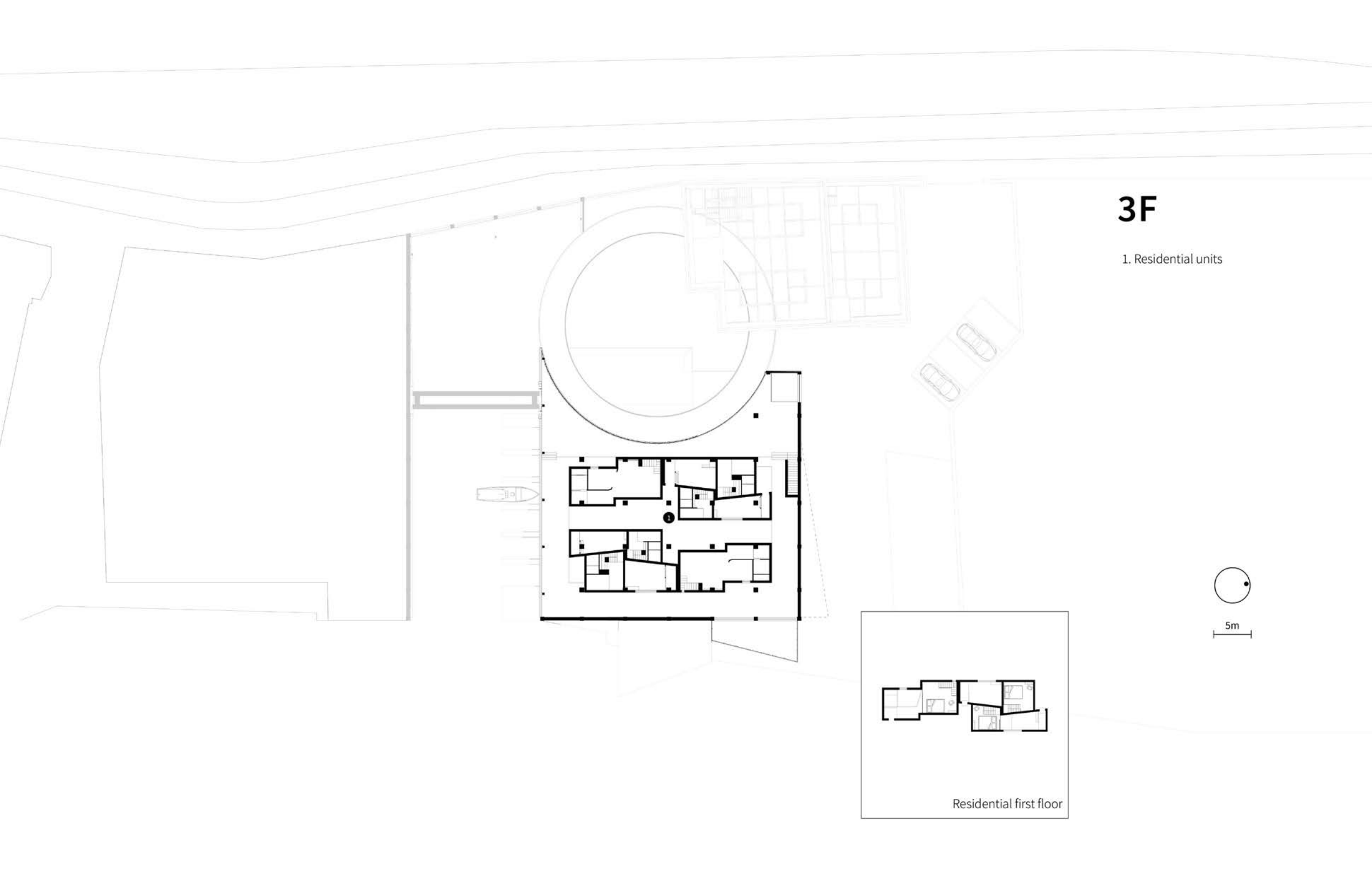
2F mezzanine

1. Bazaar
2. Single Space
3. Conference area



3F

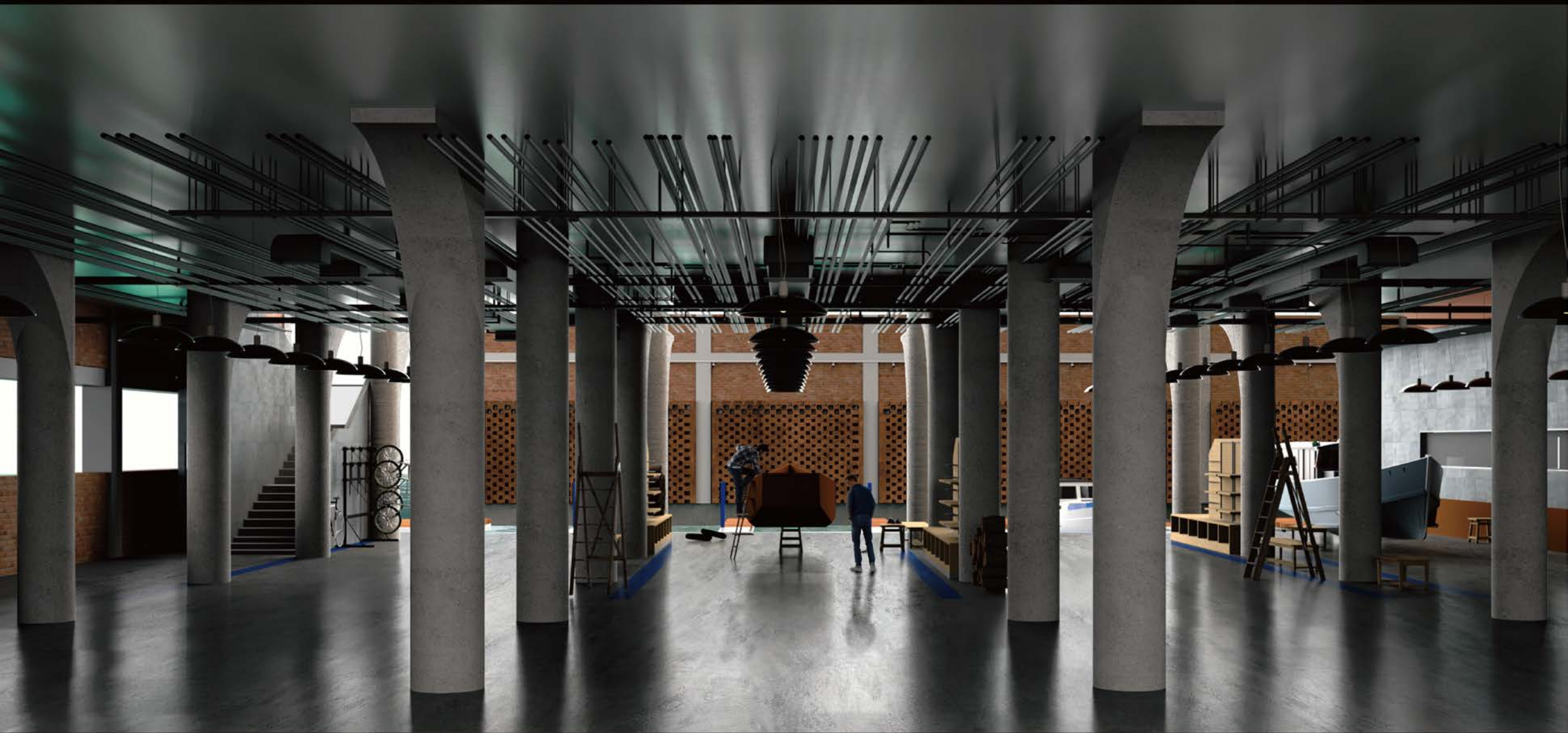
1. Residential units

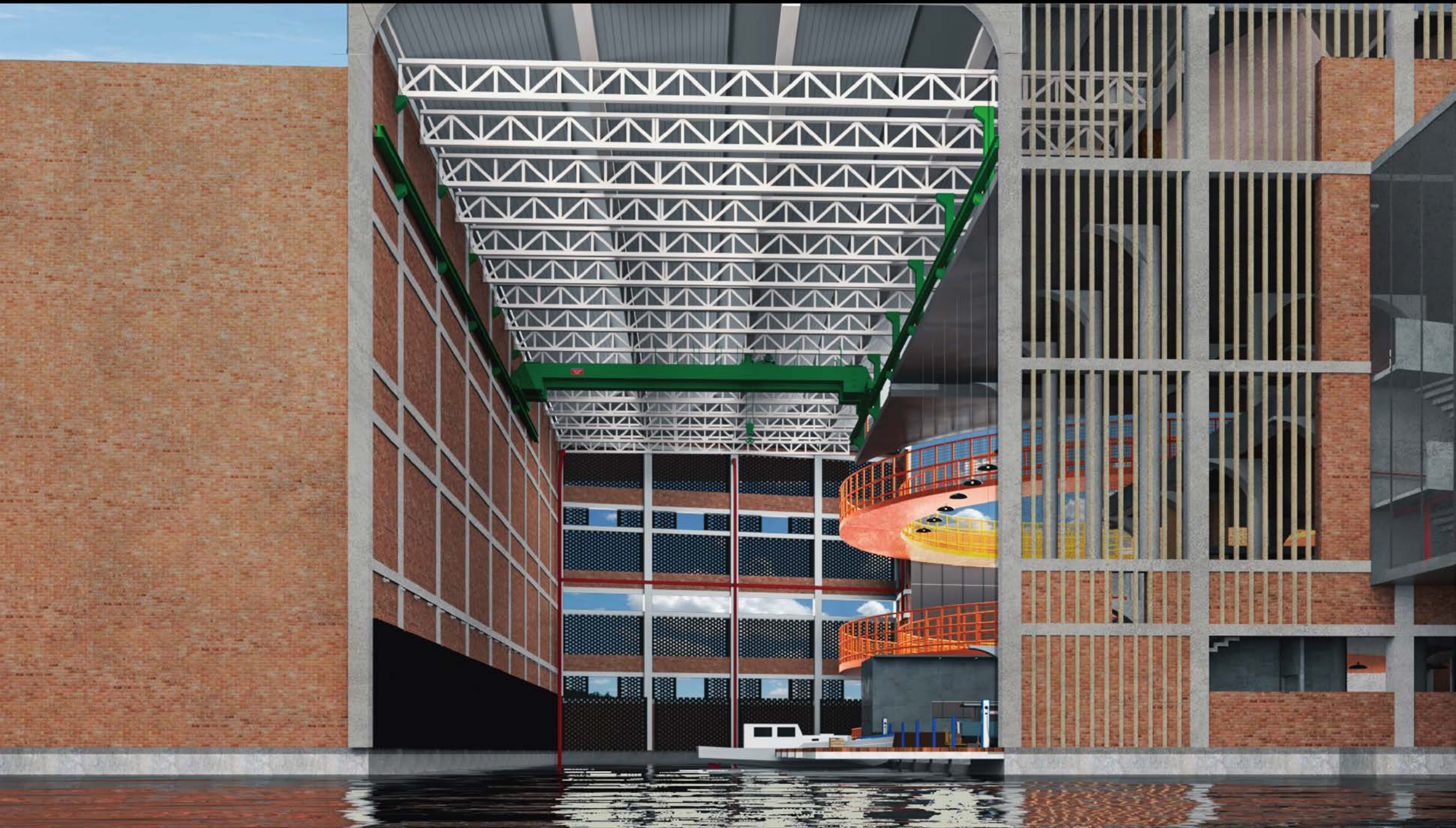


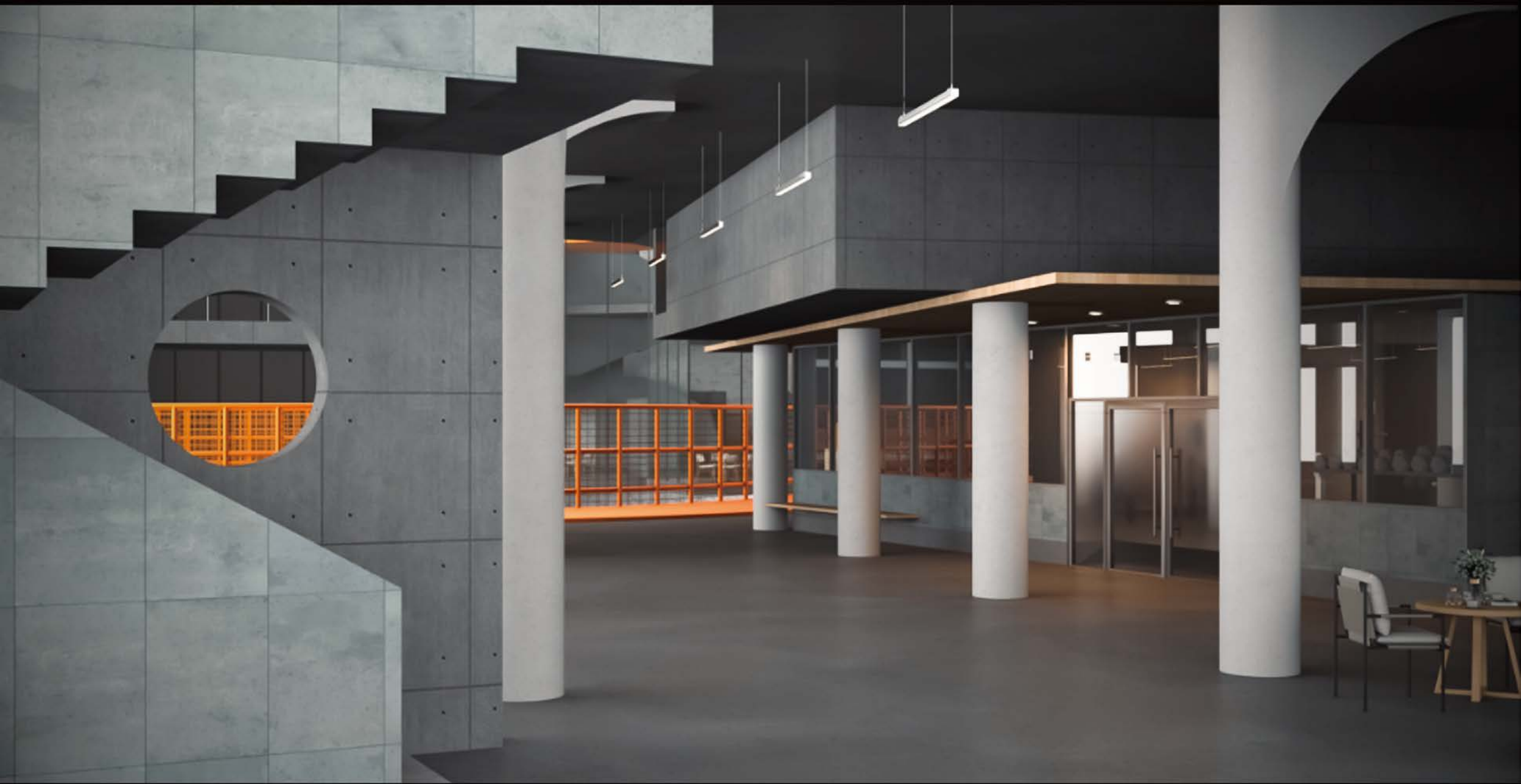
Residential first floor

RENDERING

















THANKS FOR WATCHING

