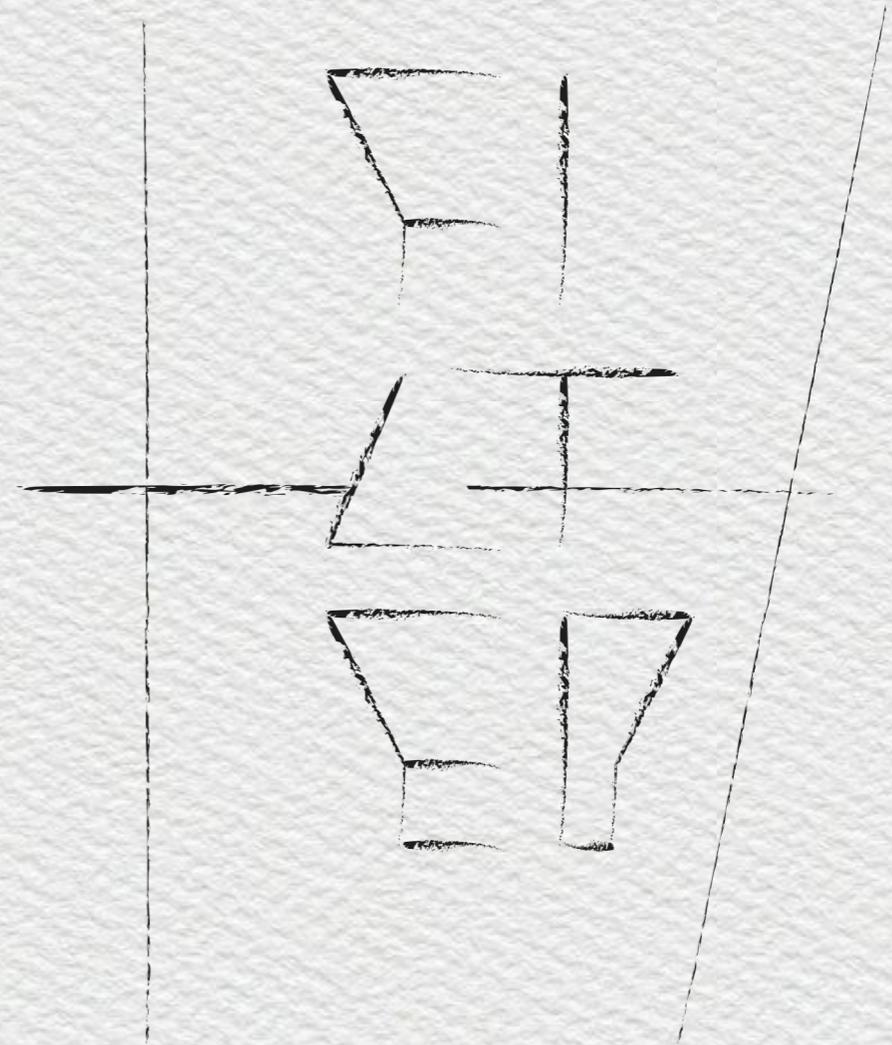
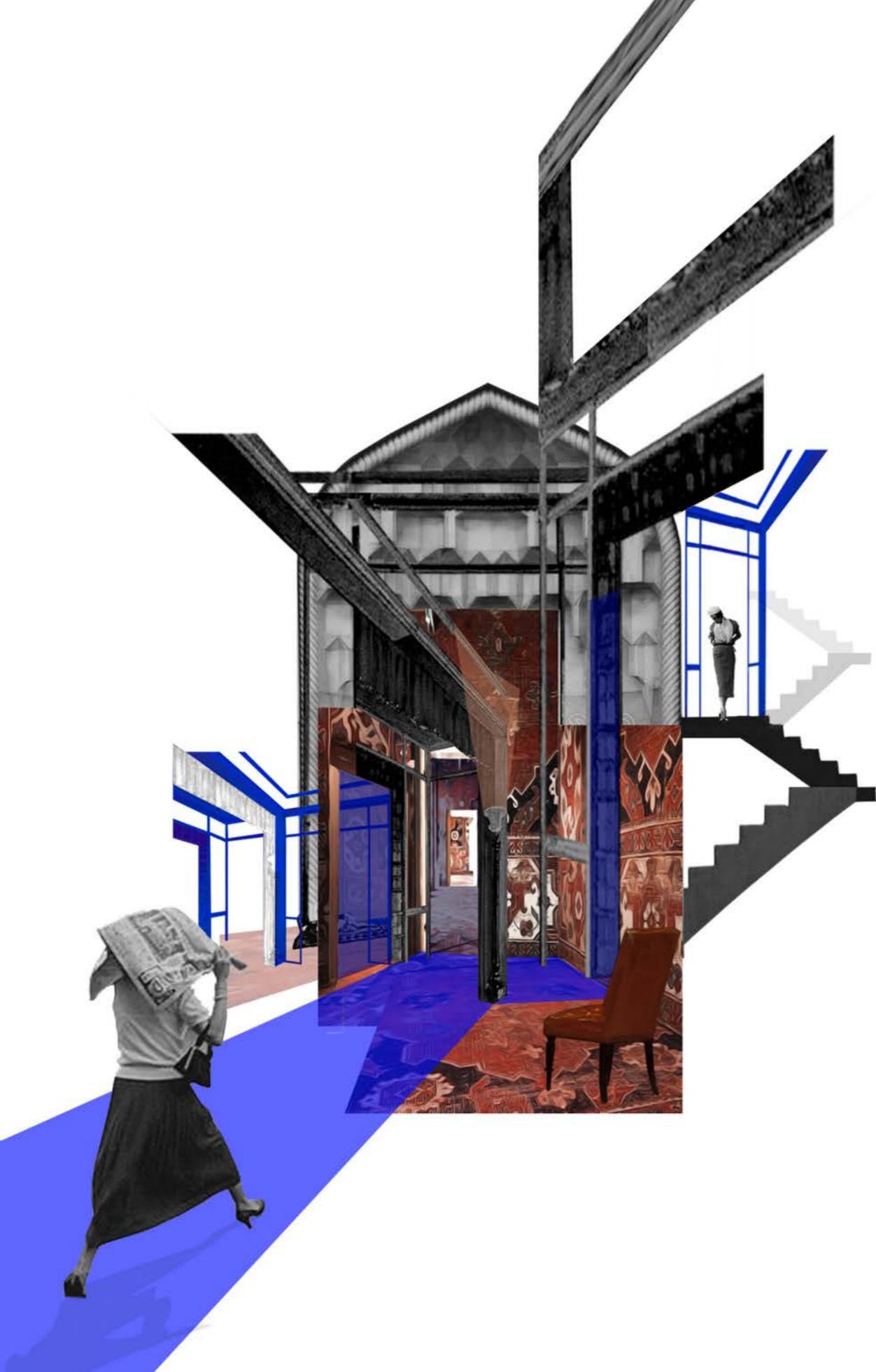




- FILTER HOUSE -

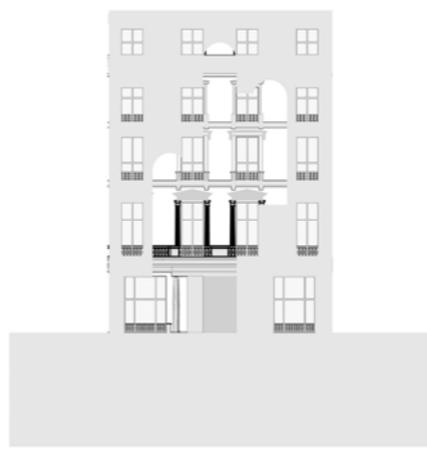
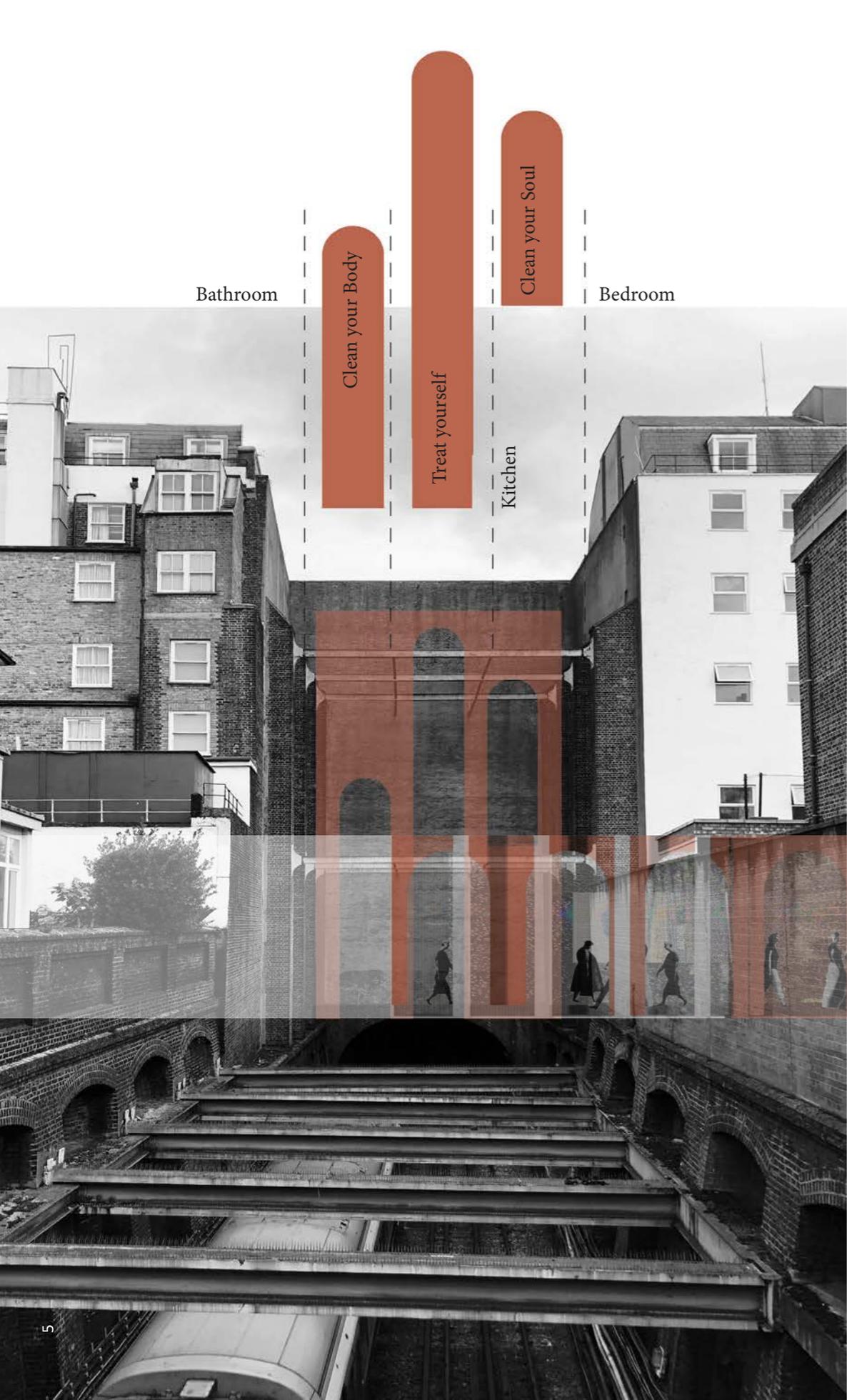




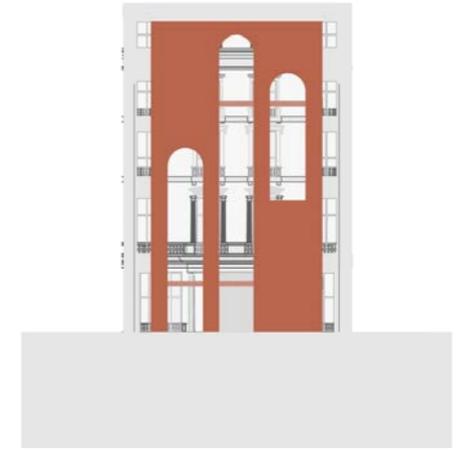
Nowadays, we are living in a stressful environment with an unstable situation, facing the tensions and rapid change in our daily life. Through this, the definition of words adopt their meaning by the situation we are experiencing. Home is not anymore the same as it was in 15th or 19th century. It changes it's definition by passing time like evrything else. So, home in a modern world has more responsibility to respond human well being. It's something more than a place to eat, sleep and bath.

Home is where we need to relief ourselves from the external world, leave everything behind in order to be able to renew ourselves the next day and start fresh. The aim of this house is to appease our feelings and ensure our well being through different layers of frames, formed by functions and makes a boundry for an activity.

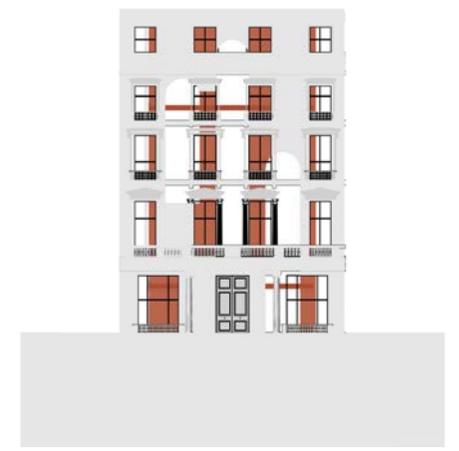
-DOMESTIC IMAGINARY-



Taking out the parts of the existing to let the light come through the new facade while kept the original window frames.



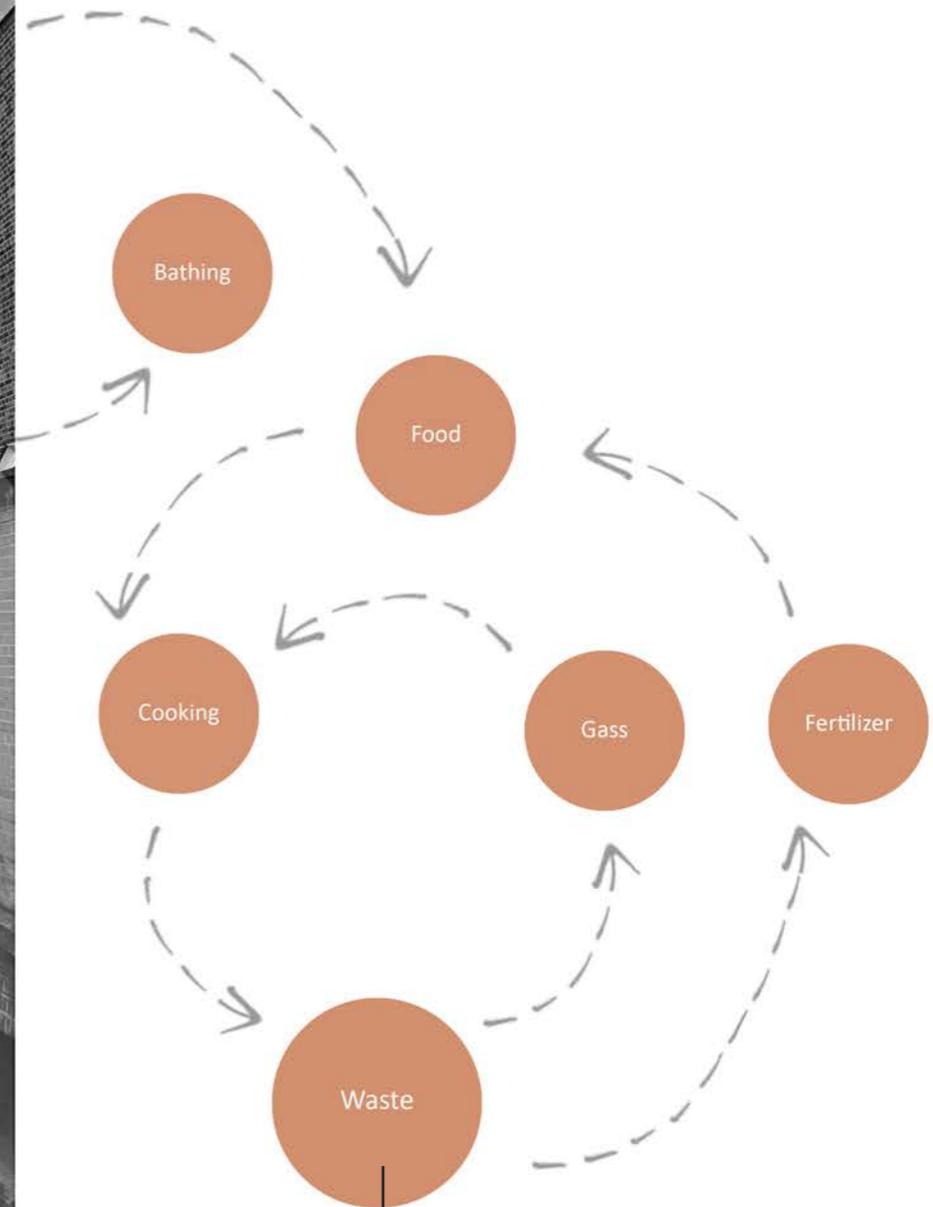
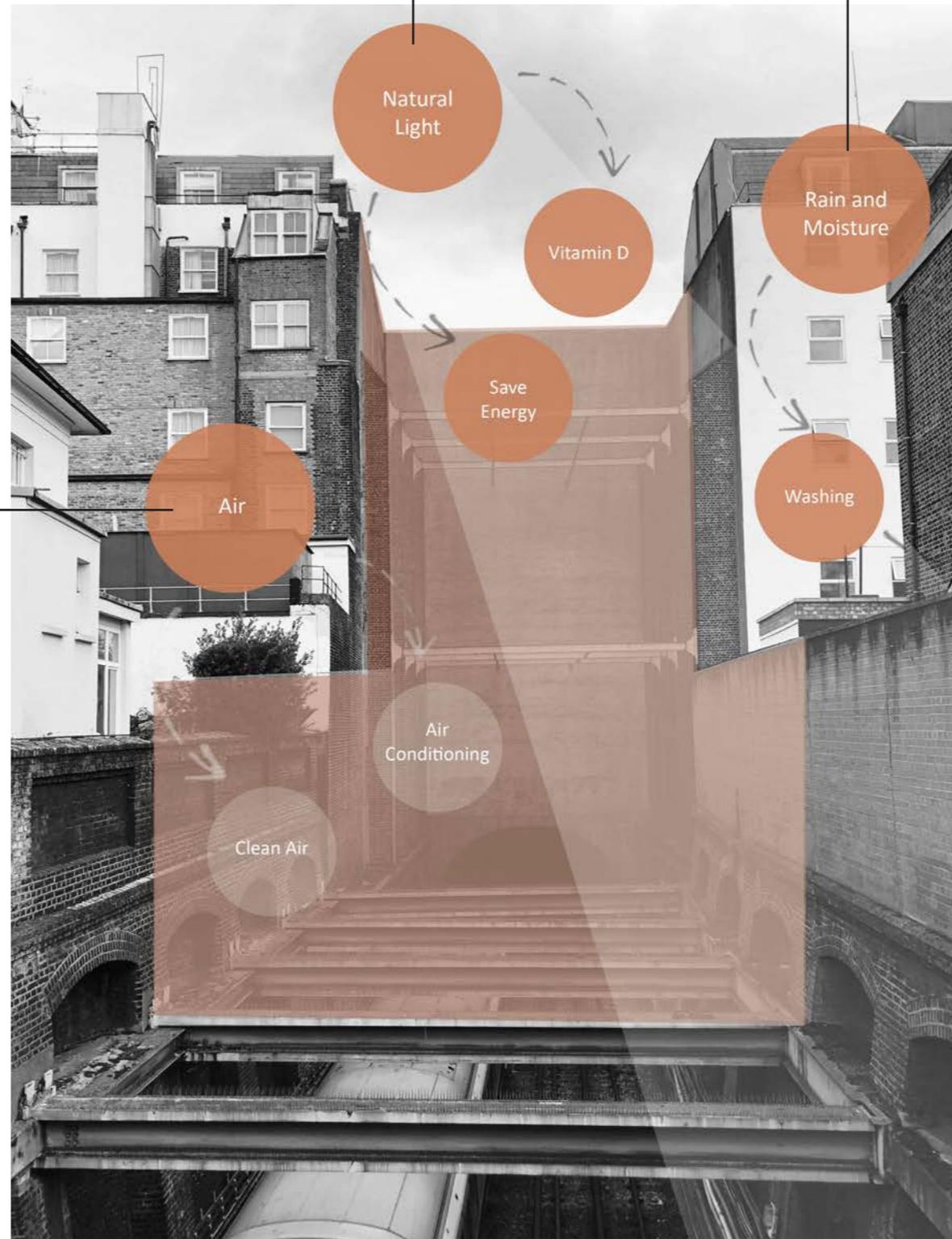
Overlapping new facade to the existing

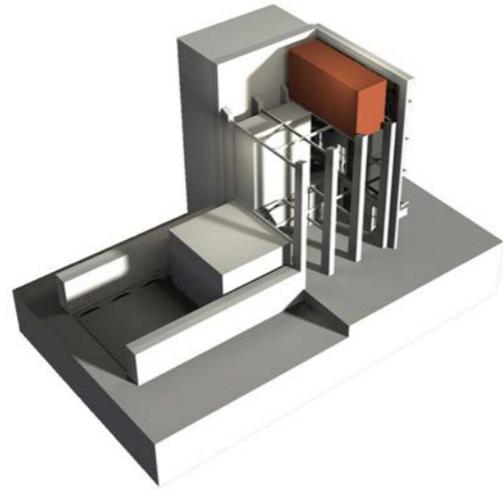


New facade



Today, Energy crisis, clean water shortage, global warming and environmental pollution are worldwide problems. Understanding cities as dynamic and ever-evolving eco-systems can help us to formulate strategies for a sustainable urban future.





SPIRIT FRAME

BEDROOM (Private zone)
 SENSES (sight, hearing, smell)

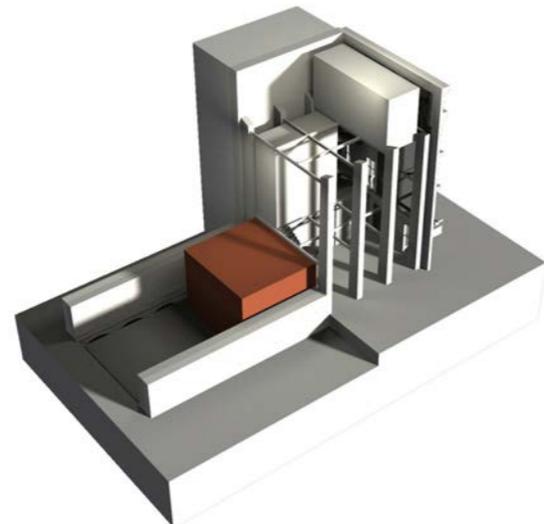
- To heal and regenerate
- Thick material use to preserves you from noise
- Thermal-Bimetal layer, self-regulate the temperature of buildings



SHARING FRAME

KITCHEN (Collective zone)
 SENSES (touch, sight, smell and taste)

- Kitchen become a furniture (moveable)
- Scent filter to avoid overeating and eradicate funky smells
- Bio-Gas: eliminating waste and the continual use of resources.



FOCUS FRAME

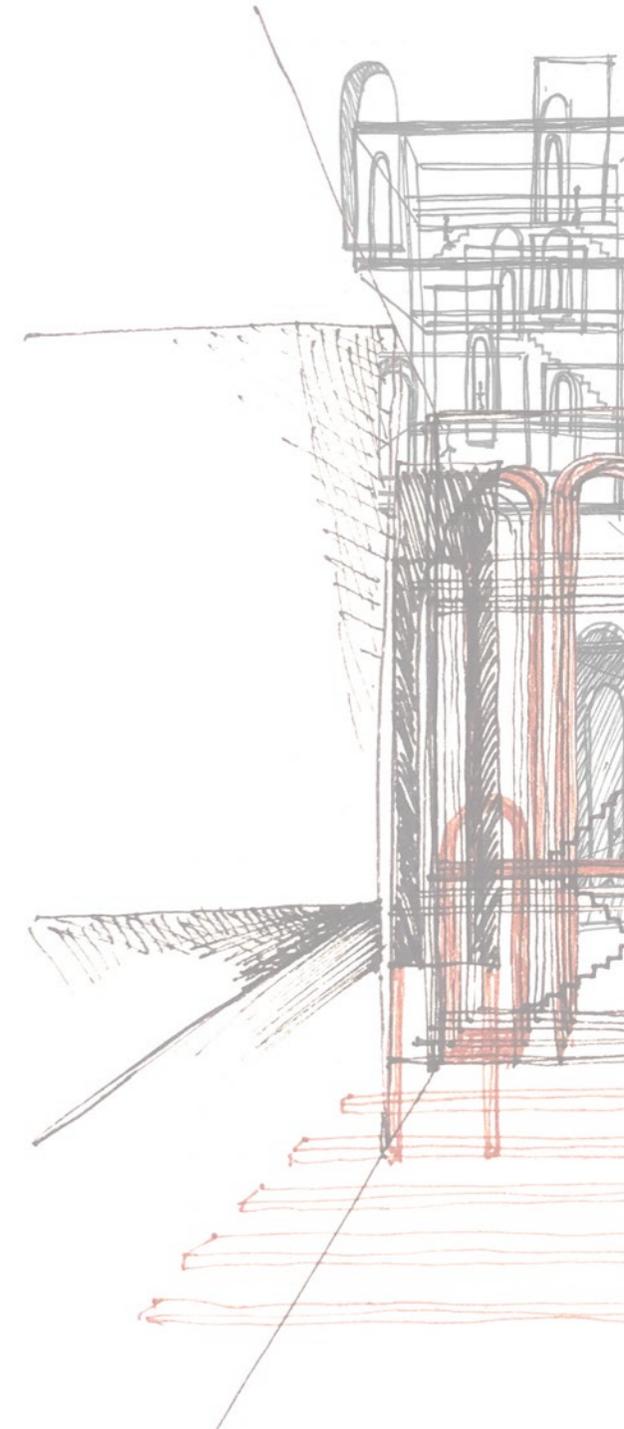
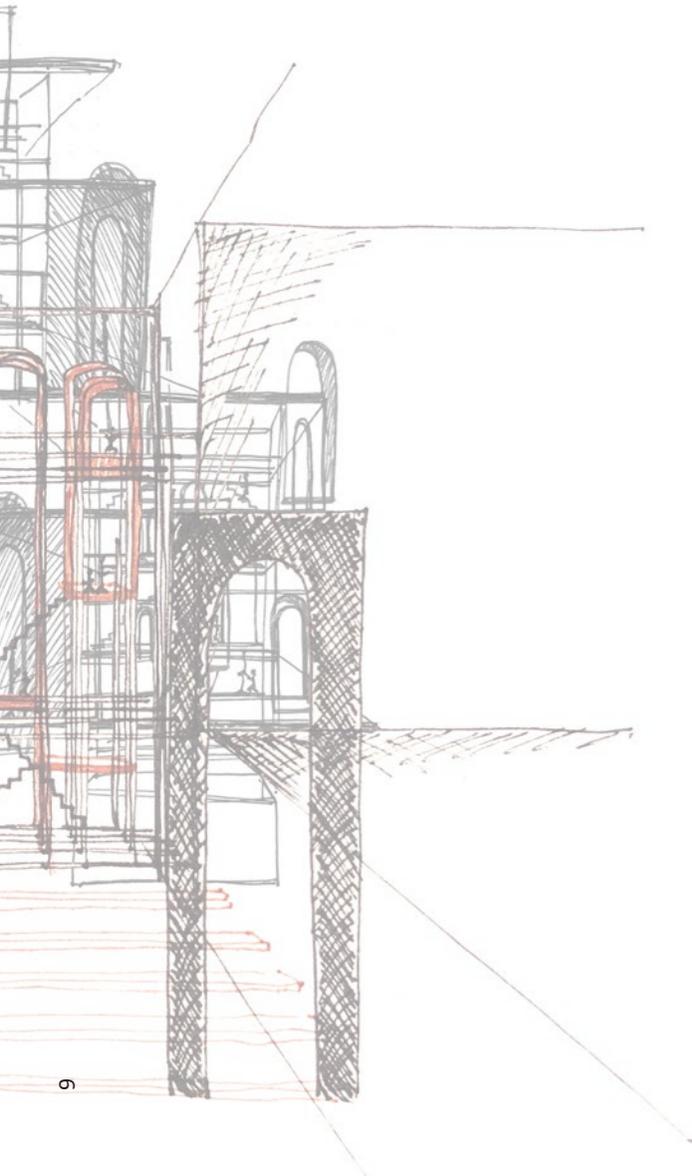
SENSES (touch, sight, hearing)

- Protects you from decentralization and physical world
- Anechoic chamber
- Block you from physical world

INTIMATE FRAME

BATHROOM (Intimate interaction zone, Semi-private)
 SENSES (touch, sight, smell)

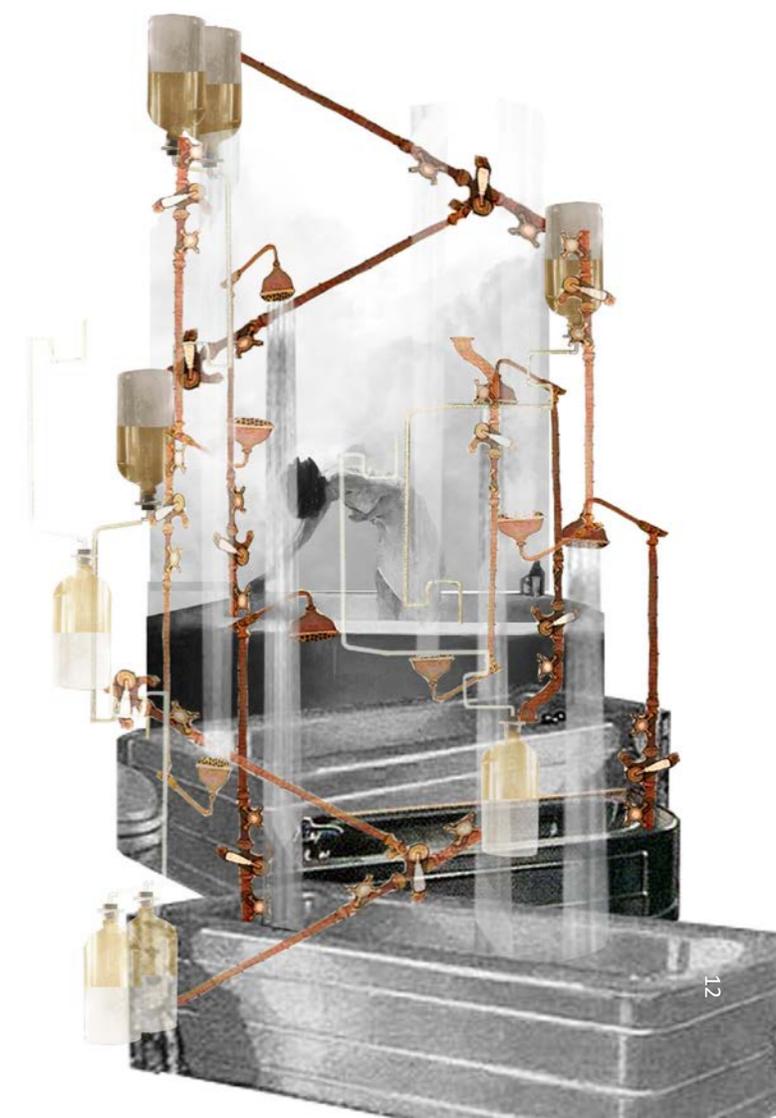
- A space of the first intimate relationship to the other
- Preserve you from stress, anxiety, tiredness, pain and dirt.
- Magnetized water (filtration)
- Scent filter



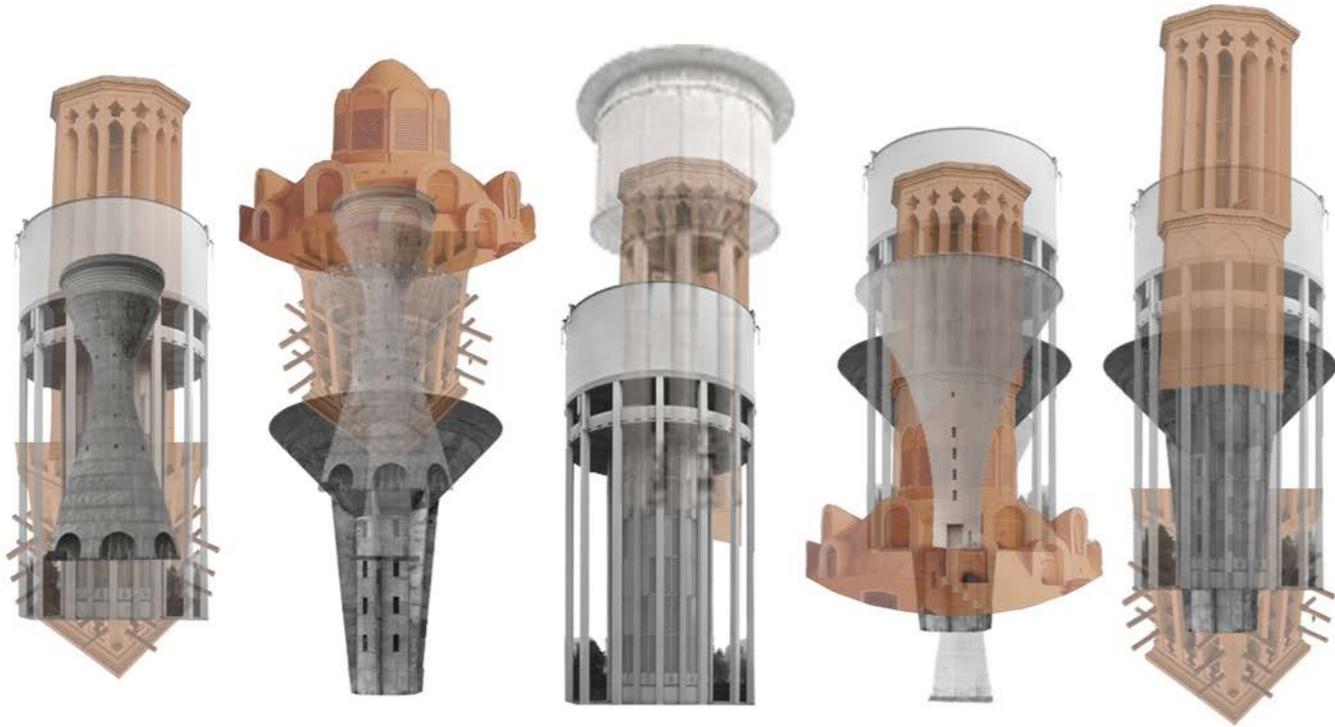


UNUSUAL FURNITURE: FILTER X BATH X LAB

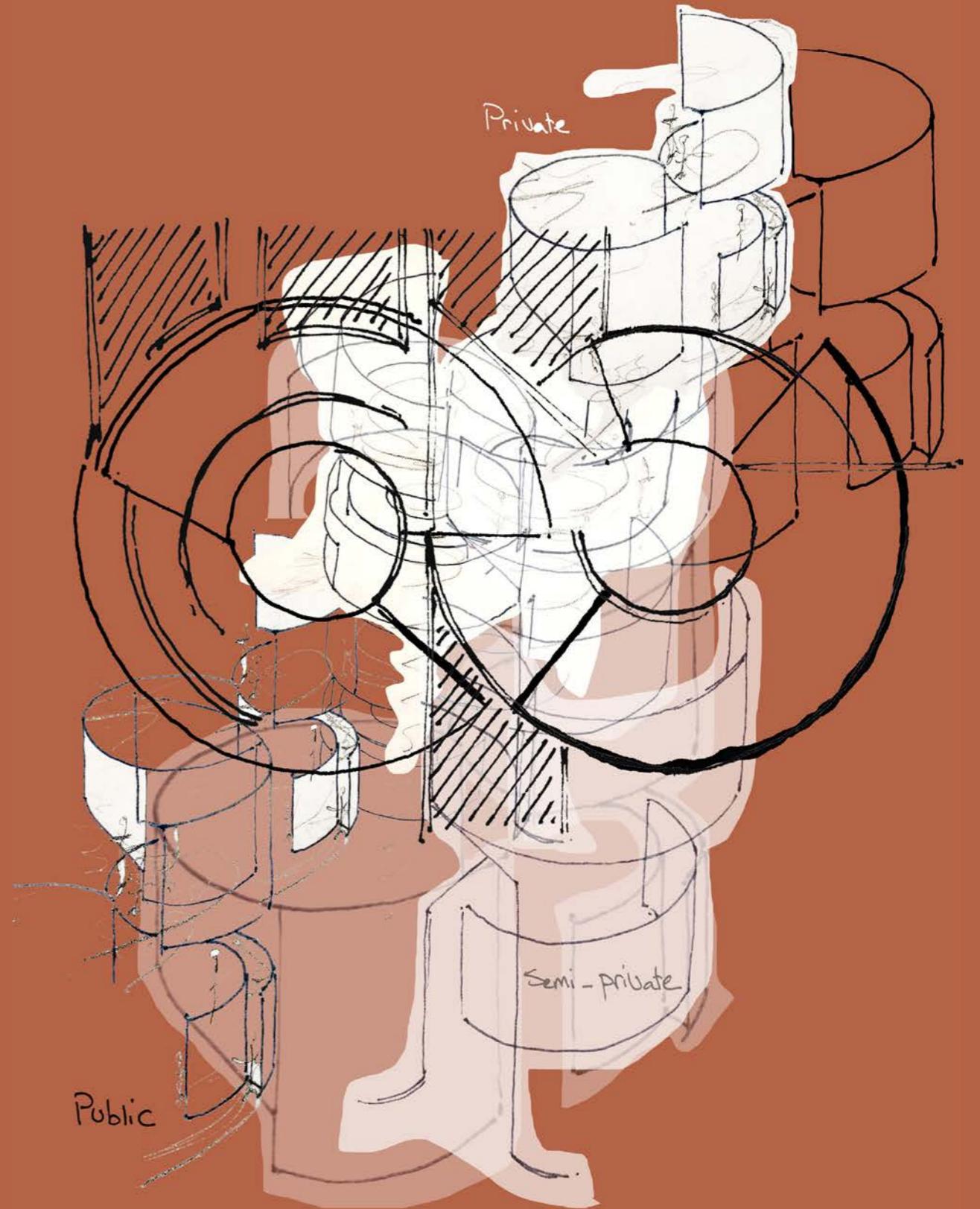
The aim was to design a piece of furniture which simplify the whole project by designing an unusual bath through bringing in nature inside a room full of filtration treatment.



DESIGN CONCEPT



- Vernacular filtration system and traditions -
My sort of design work started with the inspiration of these vernacular elements from my country Iran vs Water Towers. This is what I got my initial idea of my phases of work. This language it is coming in my mind from all of these different sources of how cultures have infiltrated or filtrated rather water and air, stored and distributed stored.





EARTH

Stop the room from being oppressive. Using rich colors in pale room such as dark woods gives a contrast to the room.



AIR

Using soft textured fabrics are ideal to gives an airy feeling. Curtains in white pale colors used as a separation in rooms.



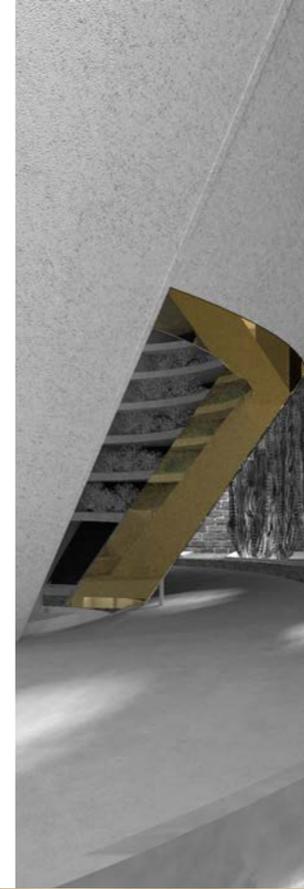
NATURE

Nature is very emotive and gives a strong presence to a room. Bringing nature and plants filtration system inside a room giving a great feeling of nature to it's users.



WATER

Water is a flowing, curving and powerful concept to bring into a room. A water tank filled with rain on the roof creates a water reflection on the wall.



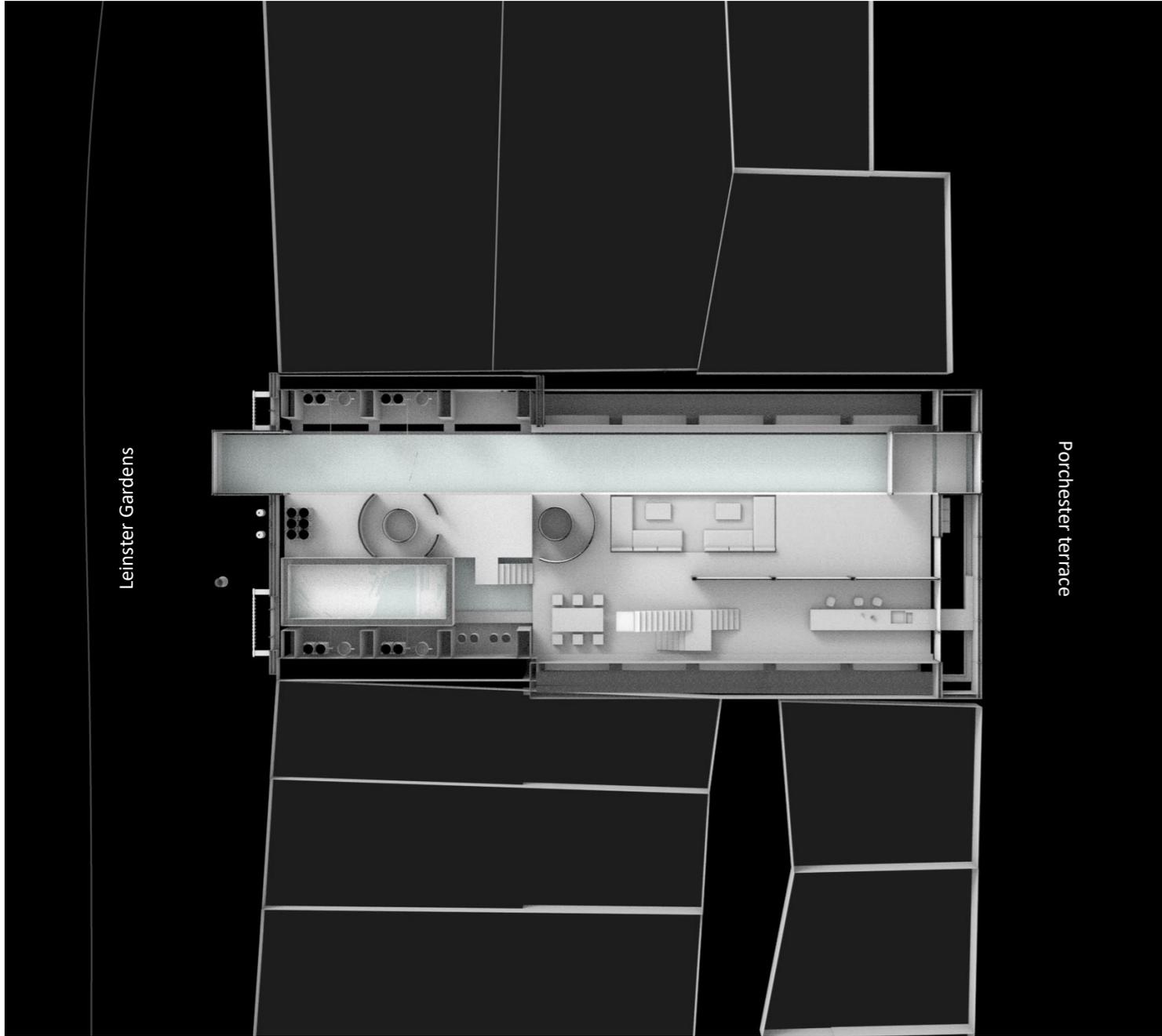
THRESHOLD

As a material, It is always nice to bring natural elements into interior designs to make a statement and to synchronise the space with outside. By using natural elements and particular materials, colours and styles it is quite easy to bring in touches of **earth, air, nature** and **water**.



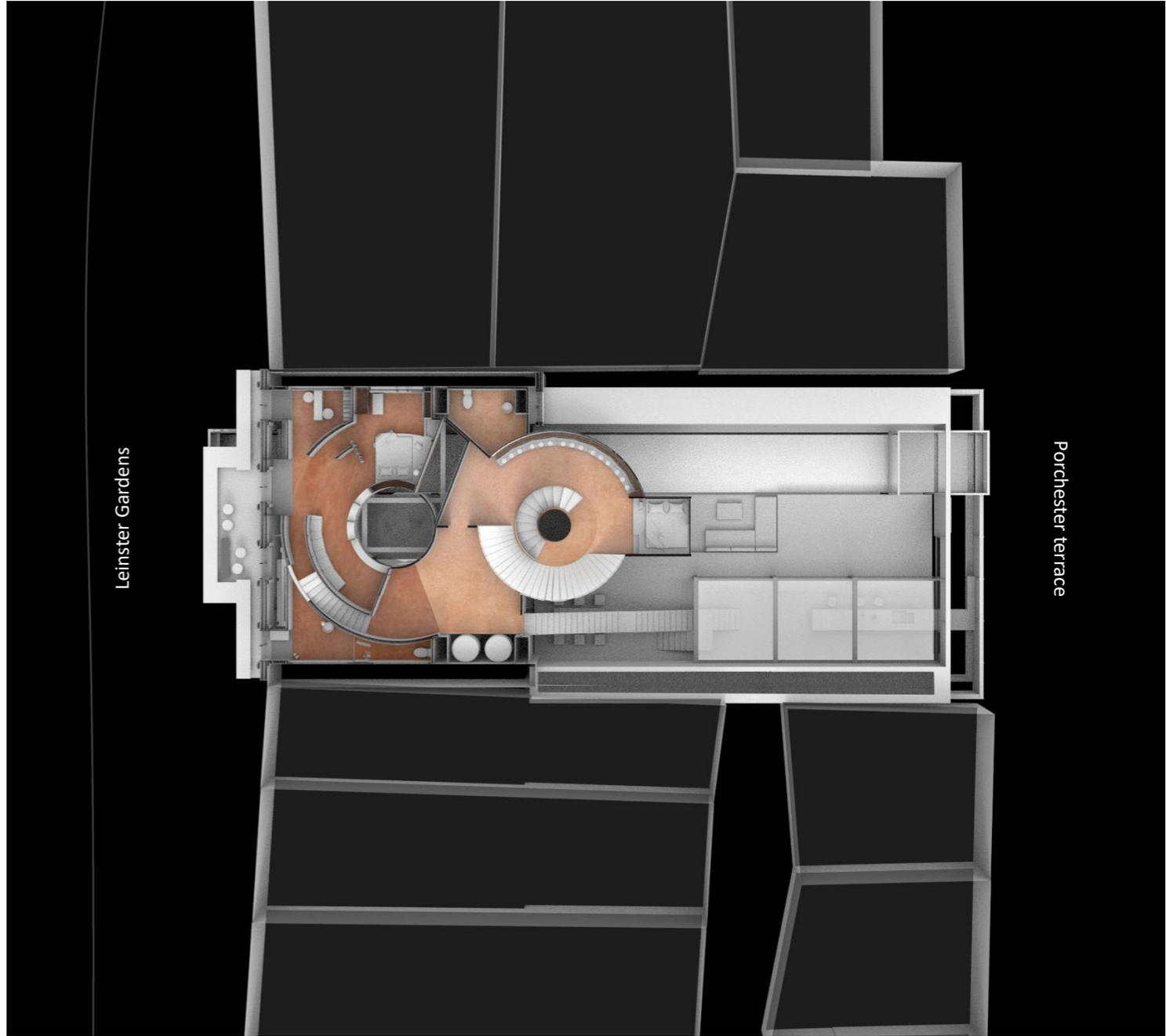
EXISTING BRICKS





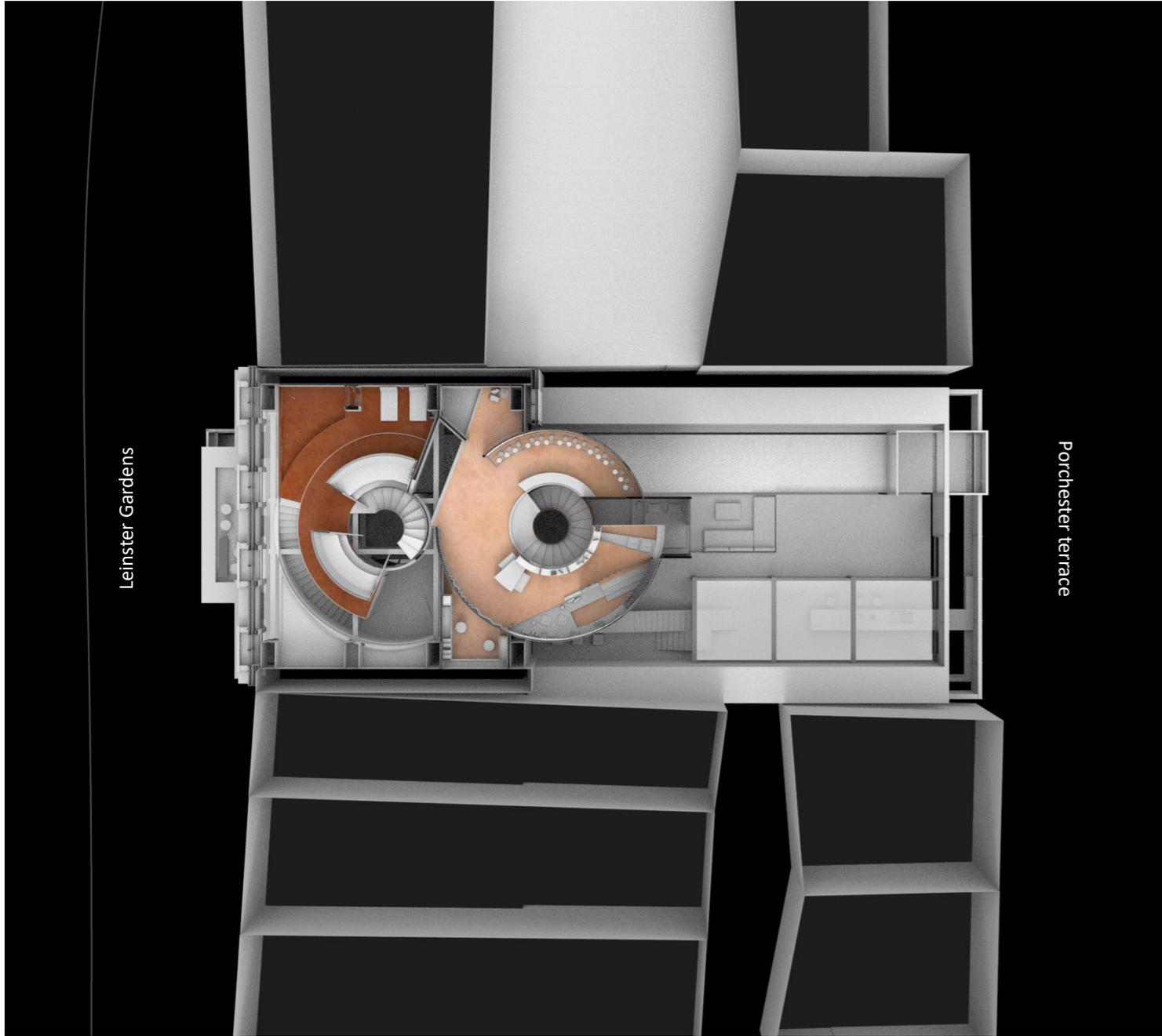
Left

- Basement plan
 1.Pool
 2.Water Storage
 3.Steam distiller and filtration machines
 4.Kitchen and Social Frame



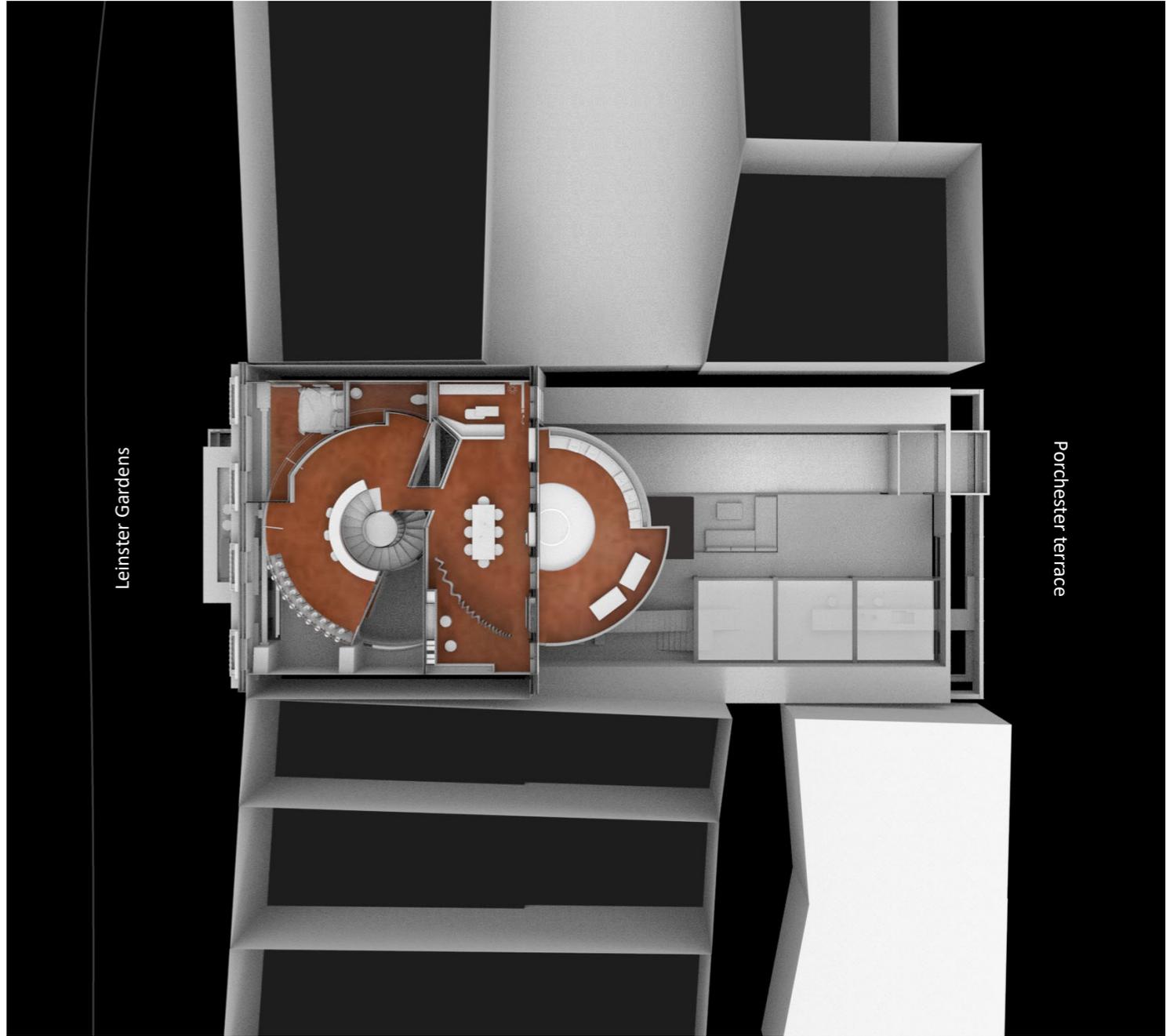
Right

- First floor plan
 1.Apartment one
 2. Apartment Two



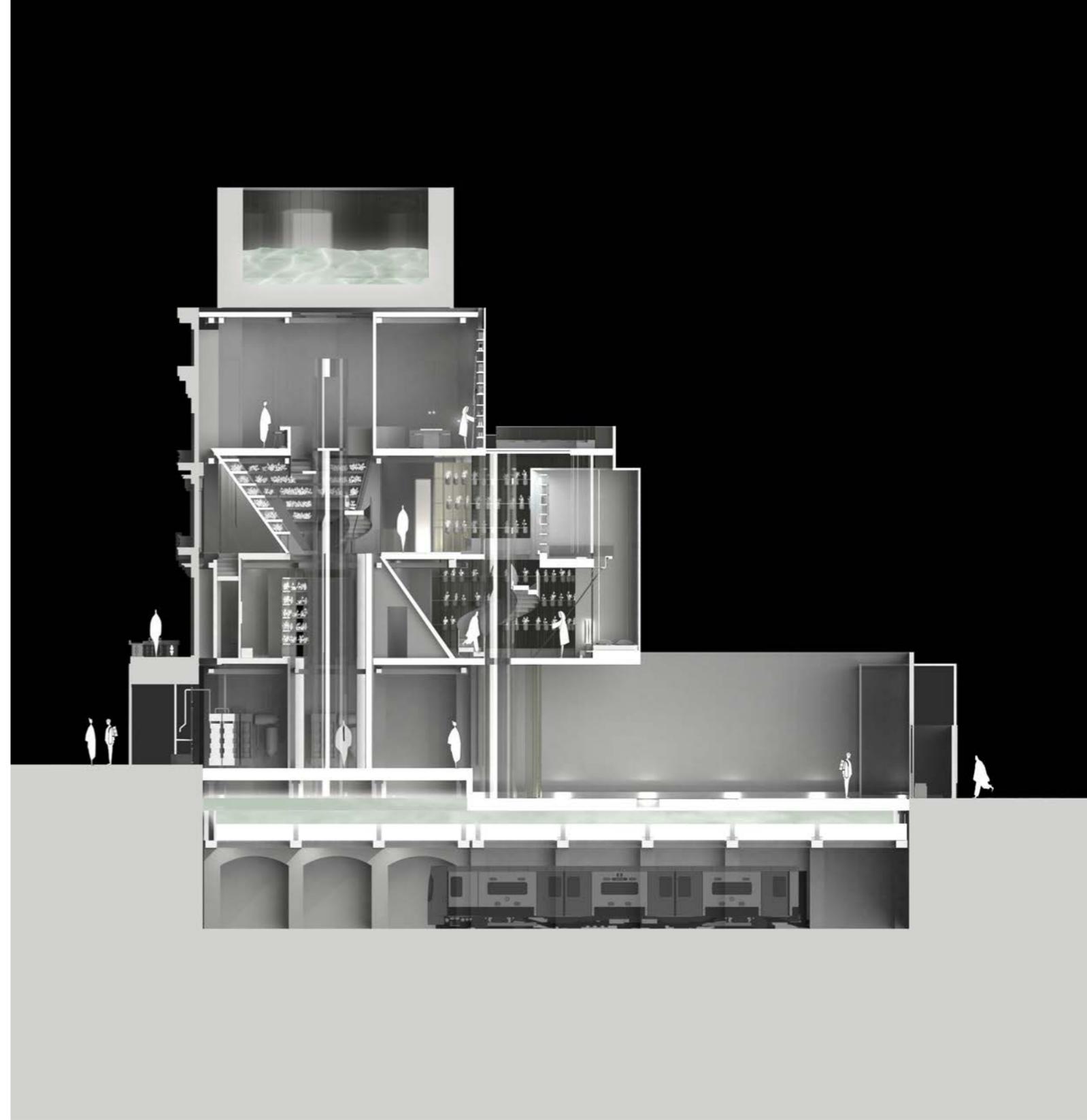
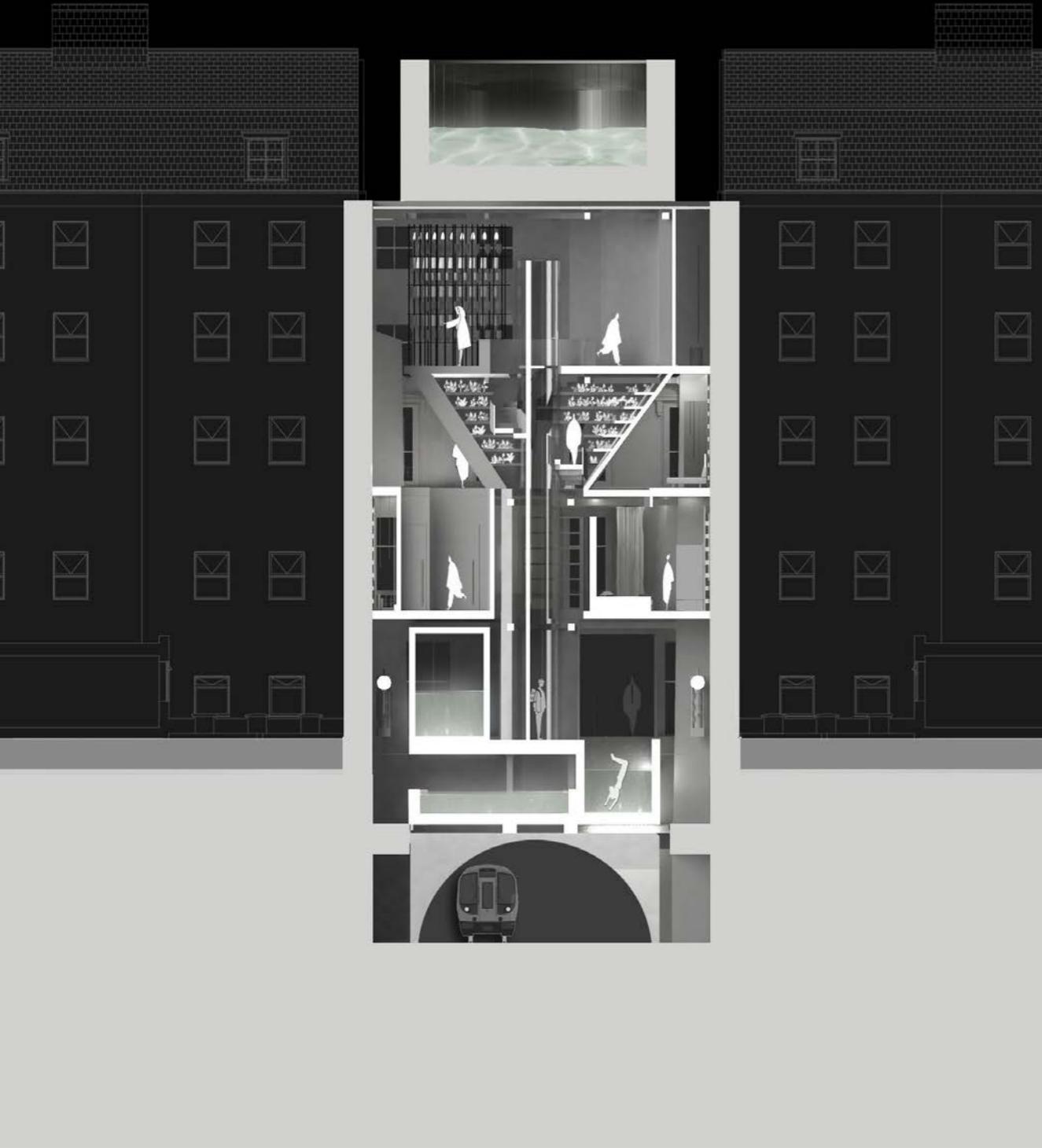
Left

Second Floor plan
 1. Apartment Two
 2. Apartment Three



Right

Third floor plan
 1. Apartment Three



Left

Short Section
 Indicating Water positions
 in the building and under-
 ground railway.

Right

Long Section
 Indicating Water positions
 in the building and under-
 ground railway.

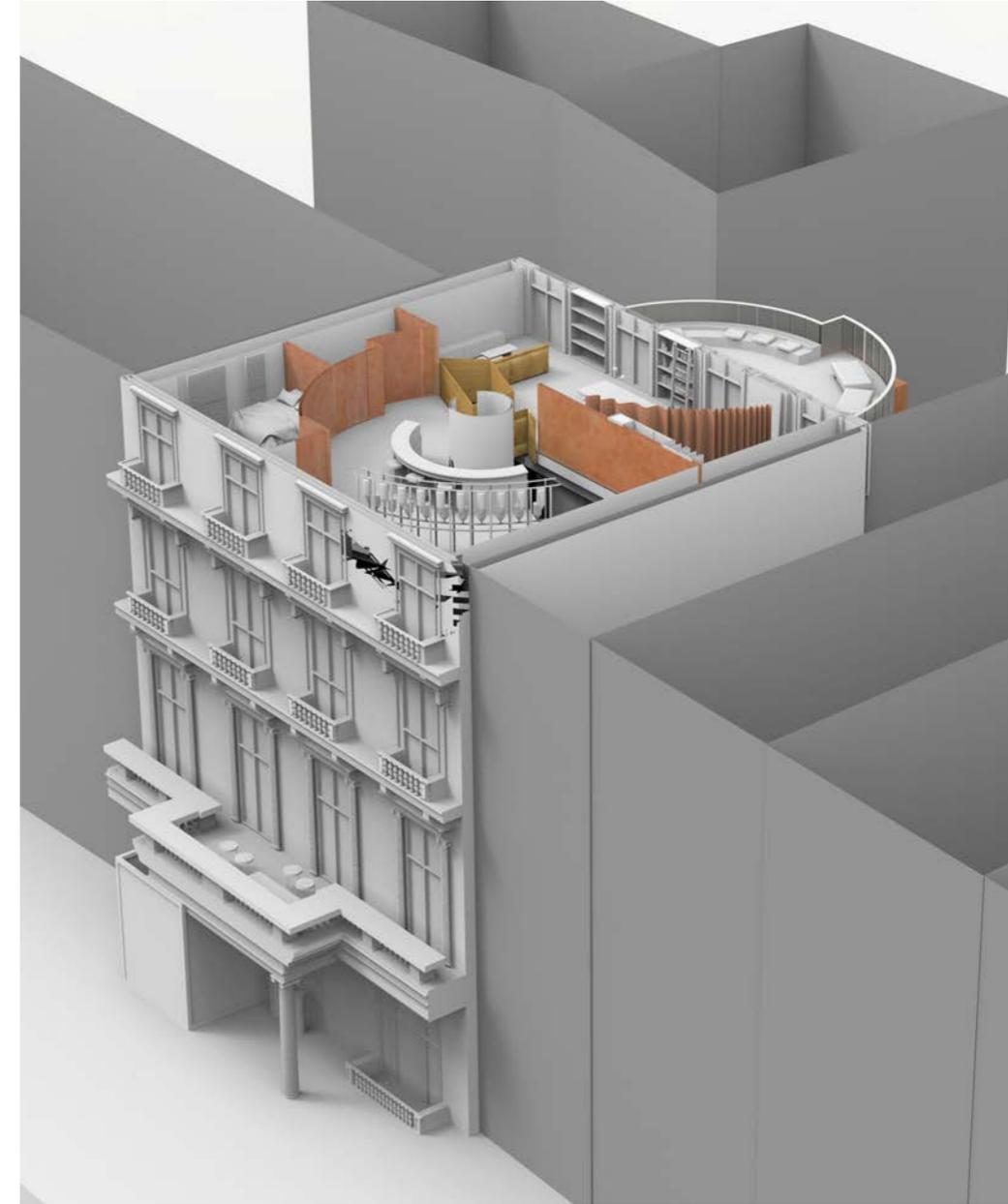
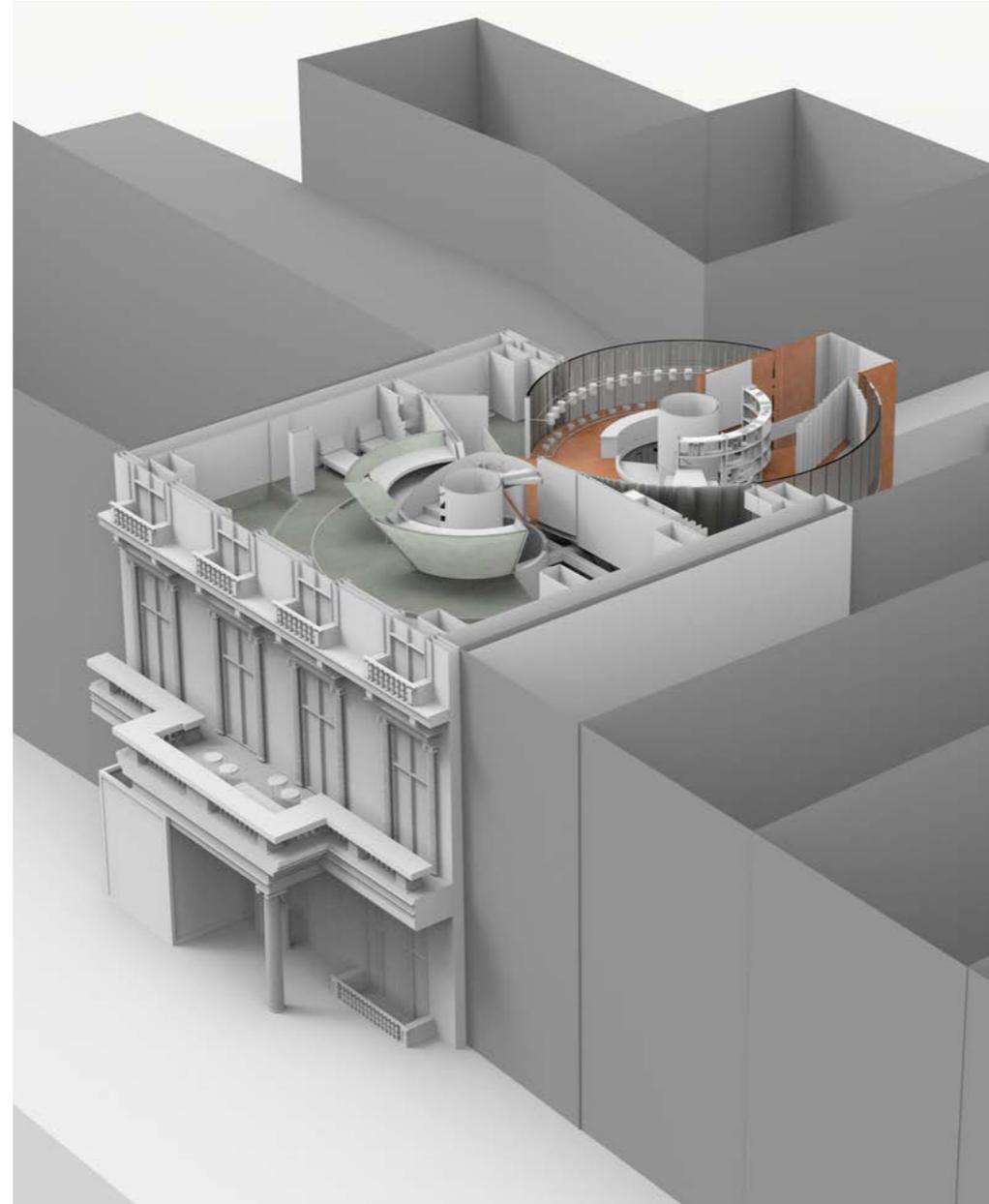
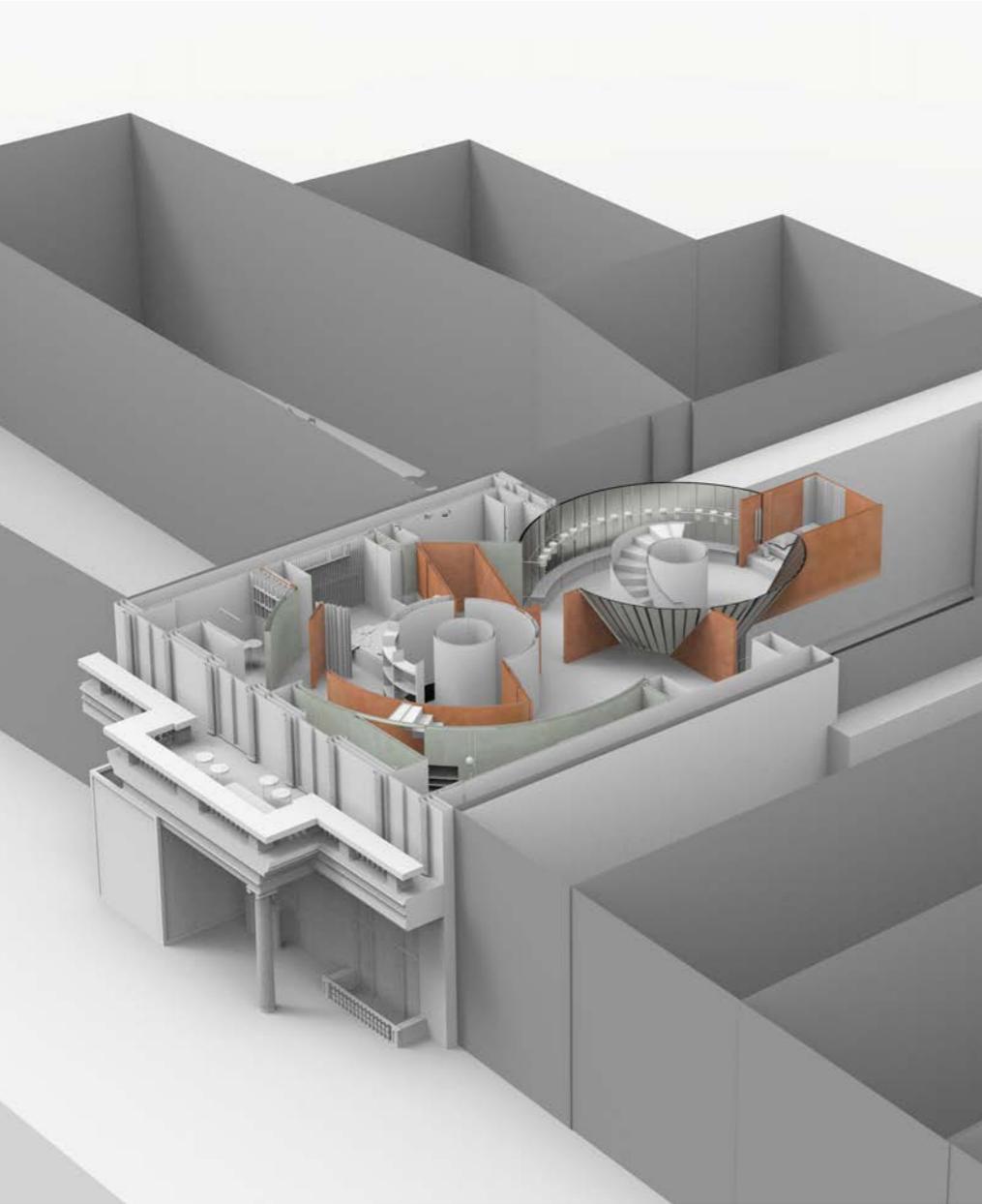
-Social



-Semi-Private



-Private



Left

First floor axonometric section

Middle

Second floor axonometric section

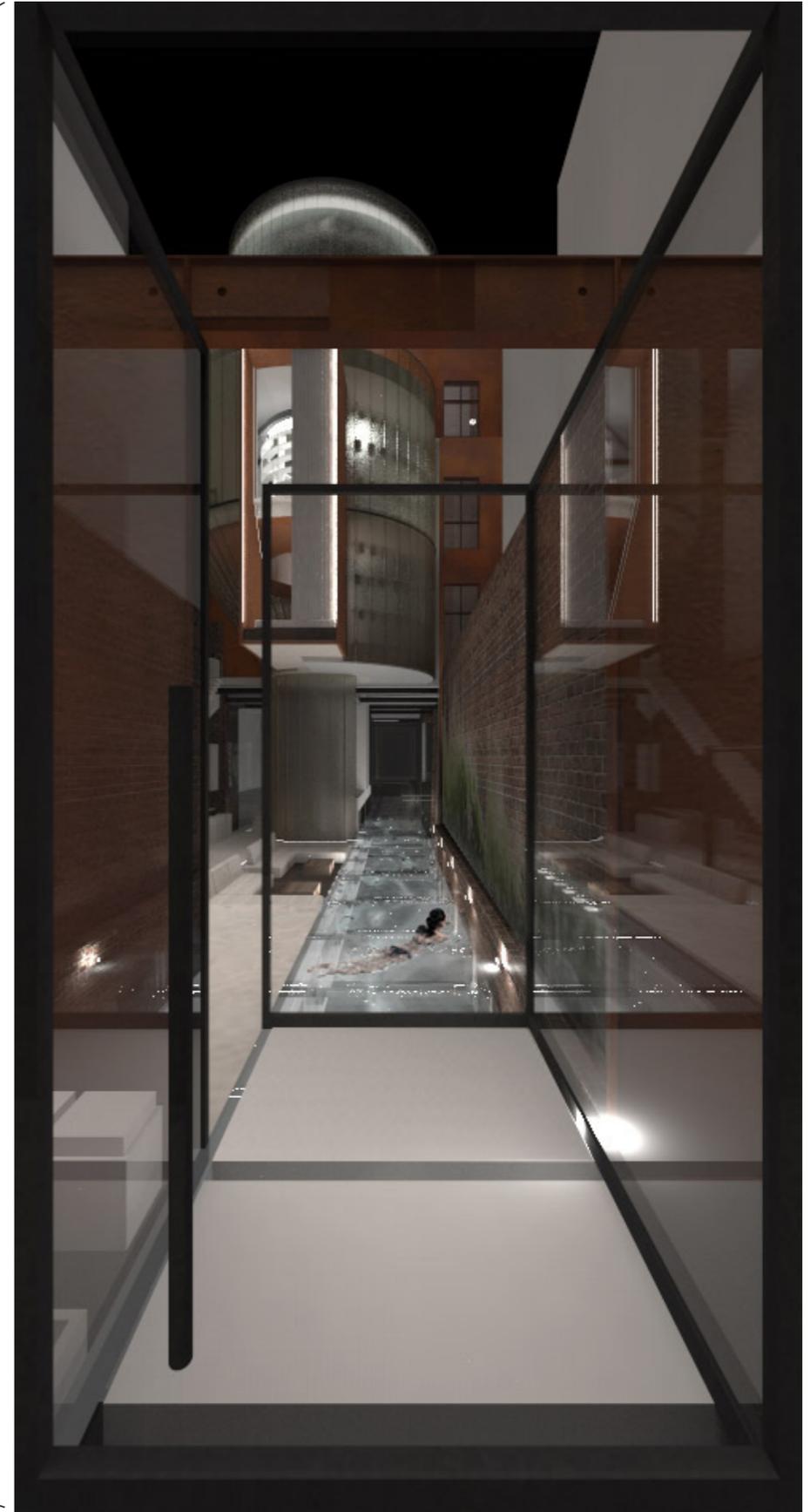
Right

Third floor axonometric section



Porchester Terrace street

View from the main door
through the garden

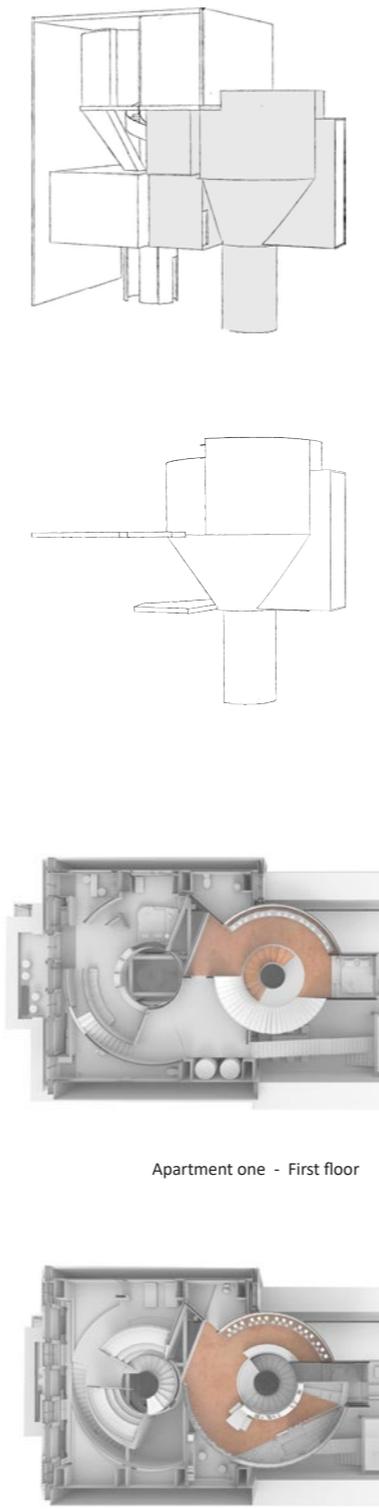


The scheme is three apartments which they **share the kitchen** and they have their own private spaces inside each apartment. The garden is a threshold between outside and inside use as a collective area which people can socialize and spend time together. The idea for kitchen area is to communicate and have another forms of arrangements through eating.



PORCH/STH TERRACE





Apartment one - First floor

Apartment one - Second floor



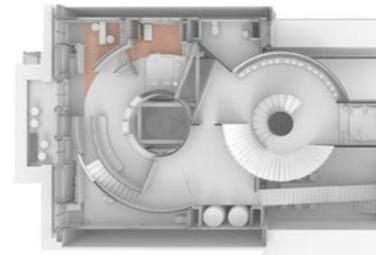
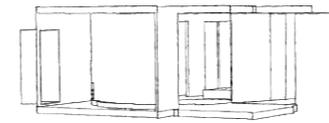
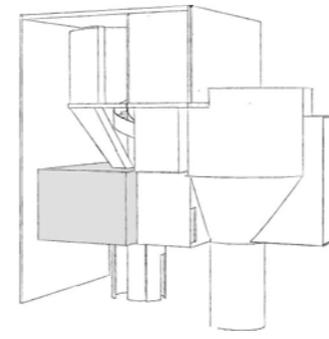
APARTMENT 1

Left: Spirit Frame - First floor
 Right: Living Frame - Second Floor

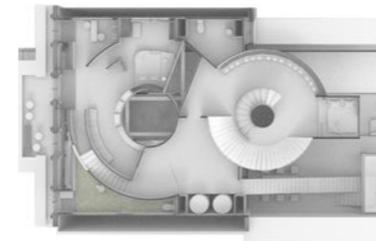


APARTMENT II

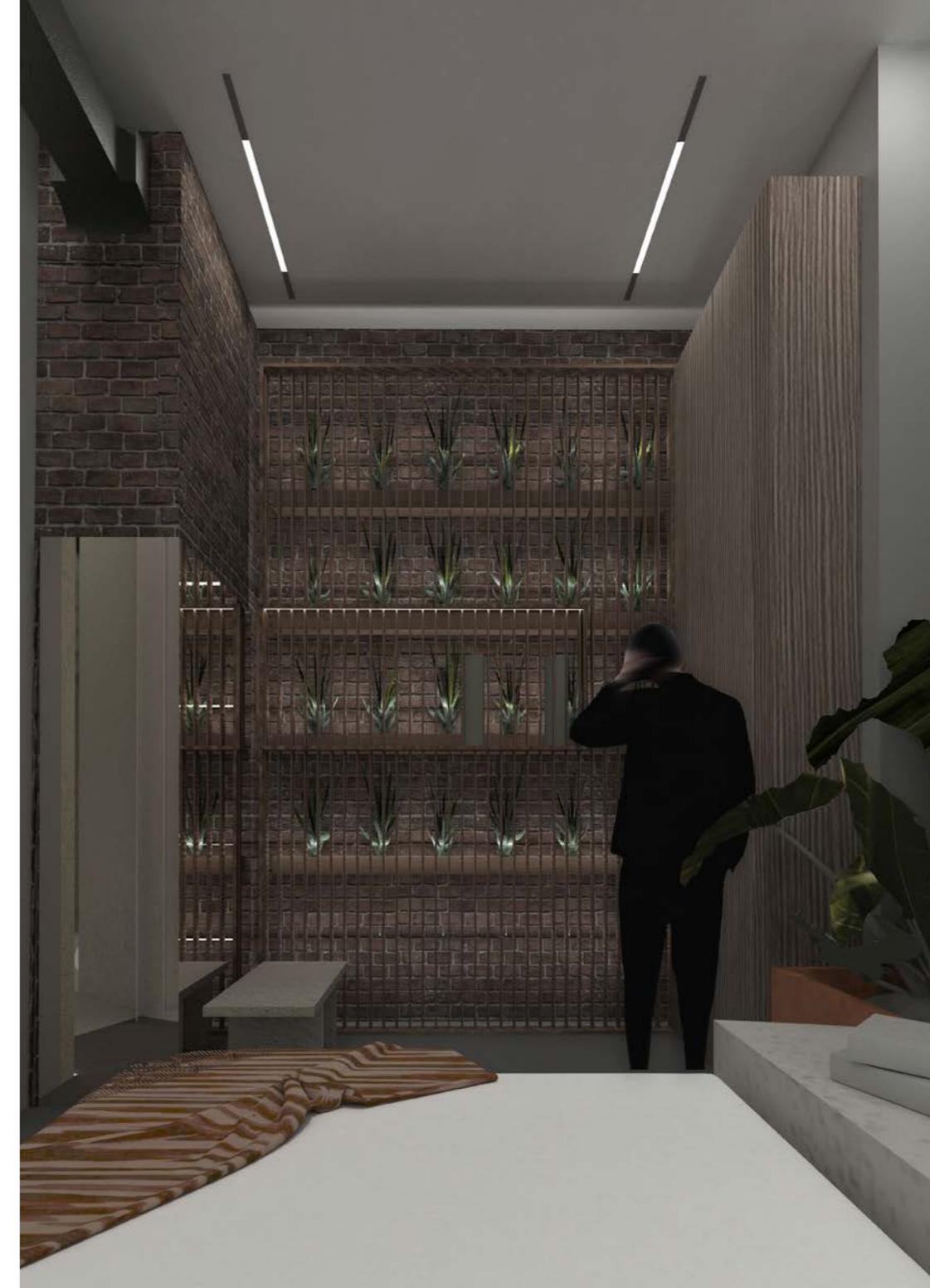
Left: Intimate Frame - First floor
Right: Spirit Frame - First Floor



Apartment Two - First floor



Apartment Two - First floor

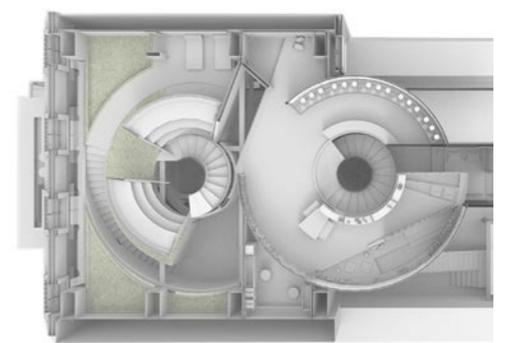
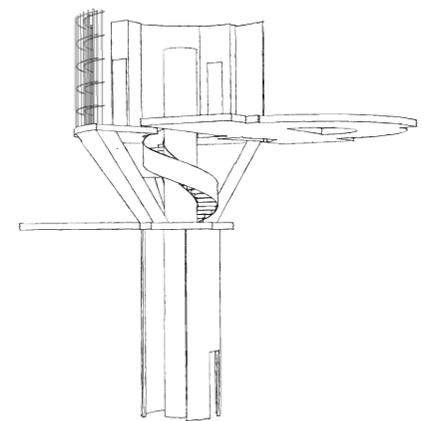
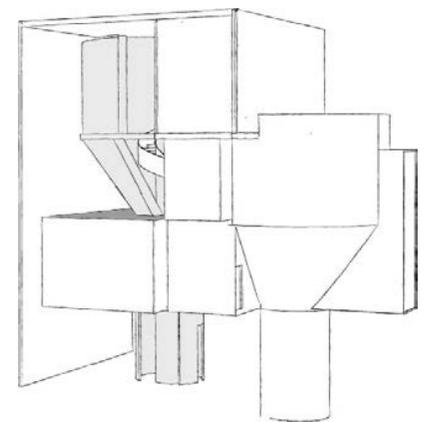




APARTMENT III

Left: Intimate Frame - Second floor
Looking from bath toward the indoor garden

The Soul Space is a new bathroom experience, to not just clean your body but also refine your soul. A bath built in a form of small indoor pool besides an indoor garden. To keep the existing heritage of the building I used the existing **brick walls** in contrast with the new structure inside. However, **glass flooring** used to fill the gap between the old and new structures. Through this, the beams and the connection between the two structures are visible to users.



Apartment Three - Second floor



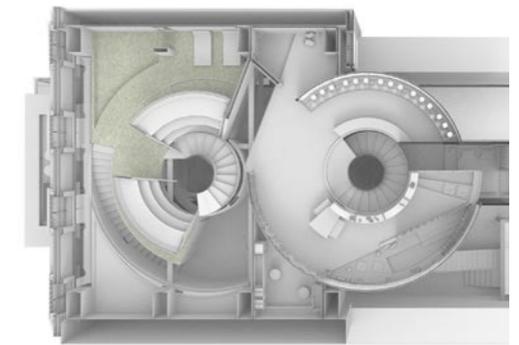
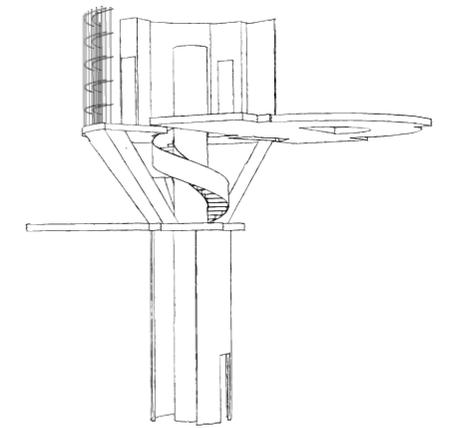
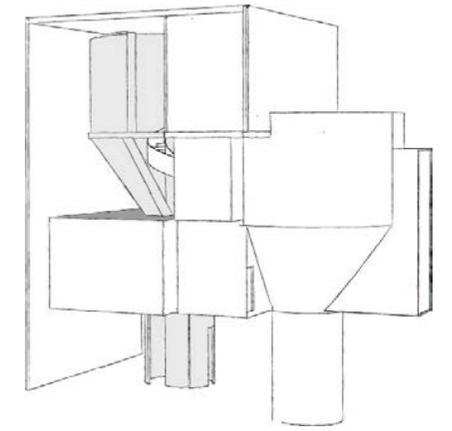
APARTMENT III

Left: Intimate Frame - Second floor

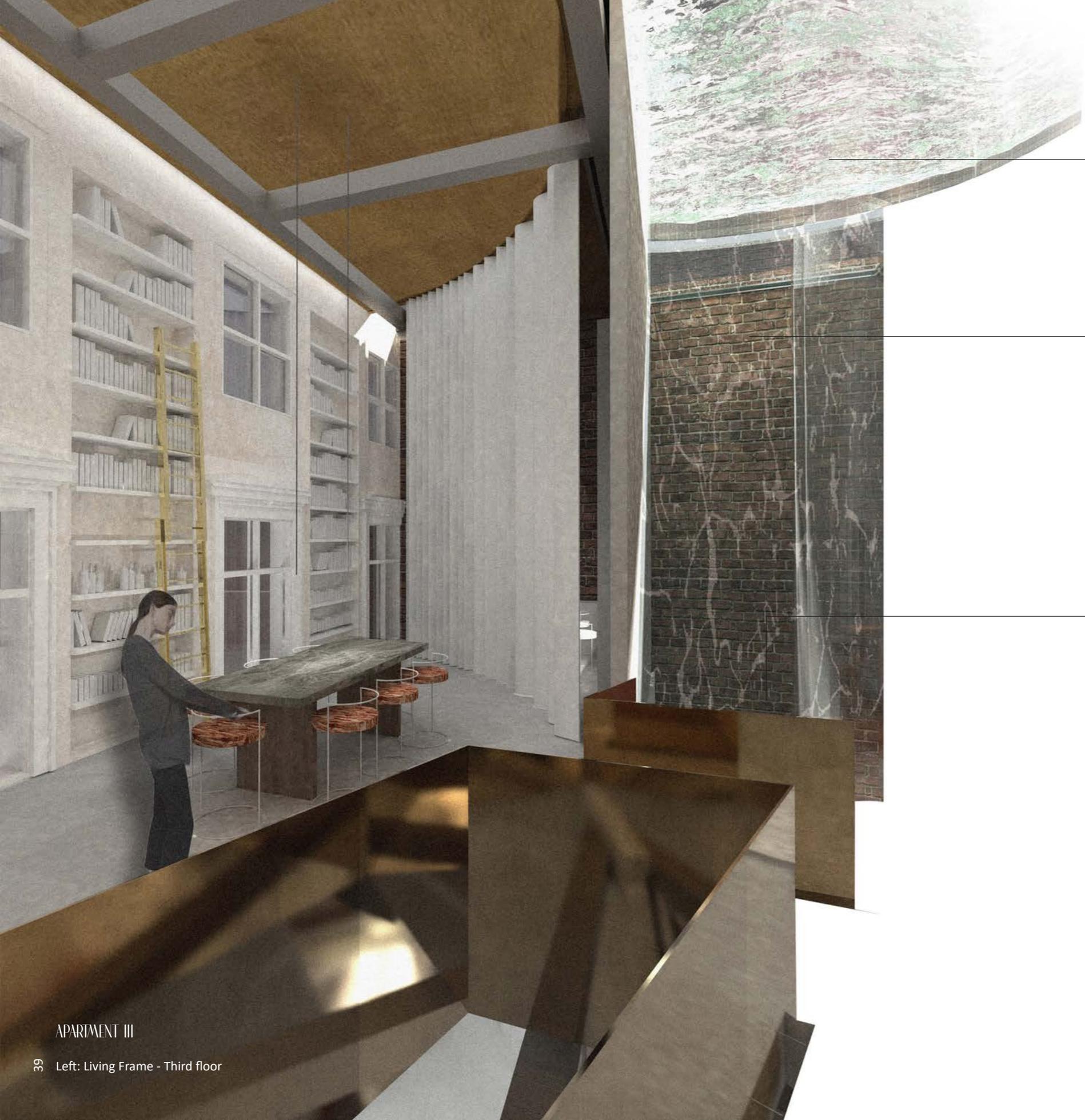
Plants are visible from the lasercut holes of cladding. However, the irregular holes gives a sense of nature more than an ordered cuts.

To bring a sense of **nature** into the space in addition to filtration features of the building, I designed a **lasercut cladding** for bathroom walls with plant pods and filtering pipes behind the cladding all the way down to the basement. through this, the water which collected from the rain can transfer through pipes to the plant filtration system which situated behind the cladding on the existing walls all the way down to the basement. According to the lasercut cladding plants are visible from the cladding holes.

Air humidifier



Apartment Three - Intimate Frame



Rain Water Tank

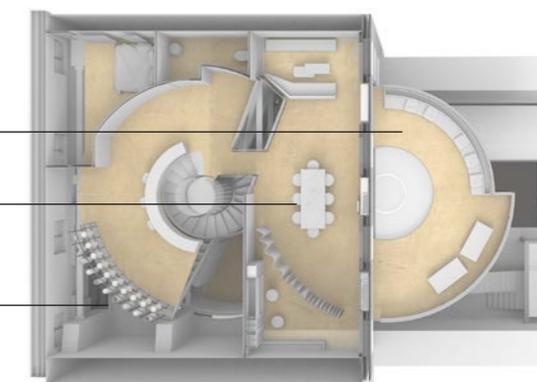
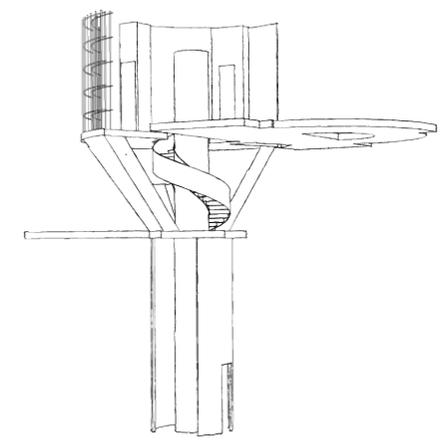
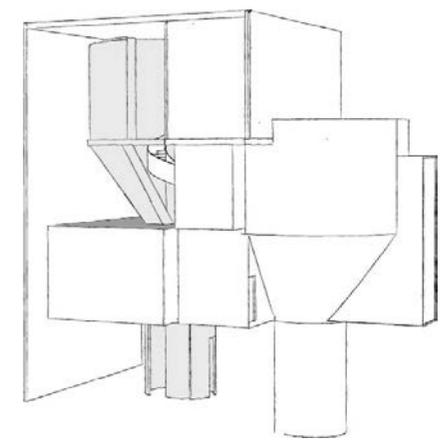
Water reflections

Void

Terrace

Dining area

Algae filtration system

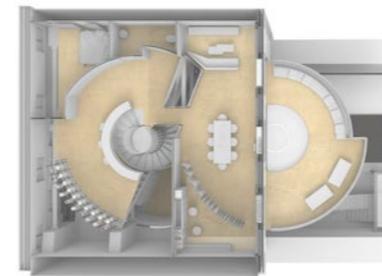
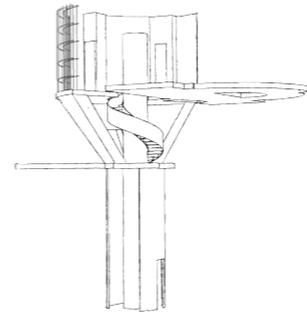
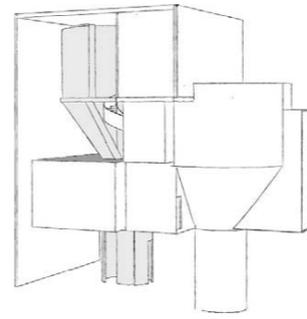


Apartment Three - Living Frame



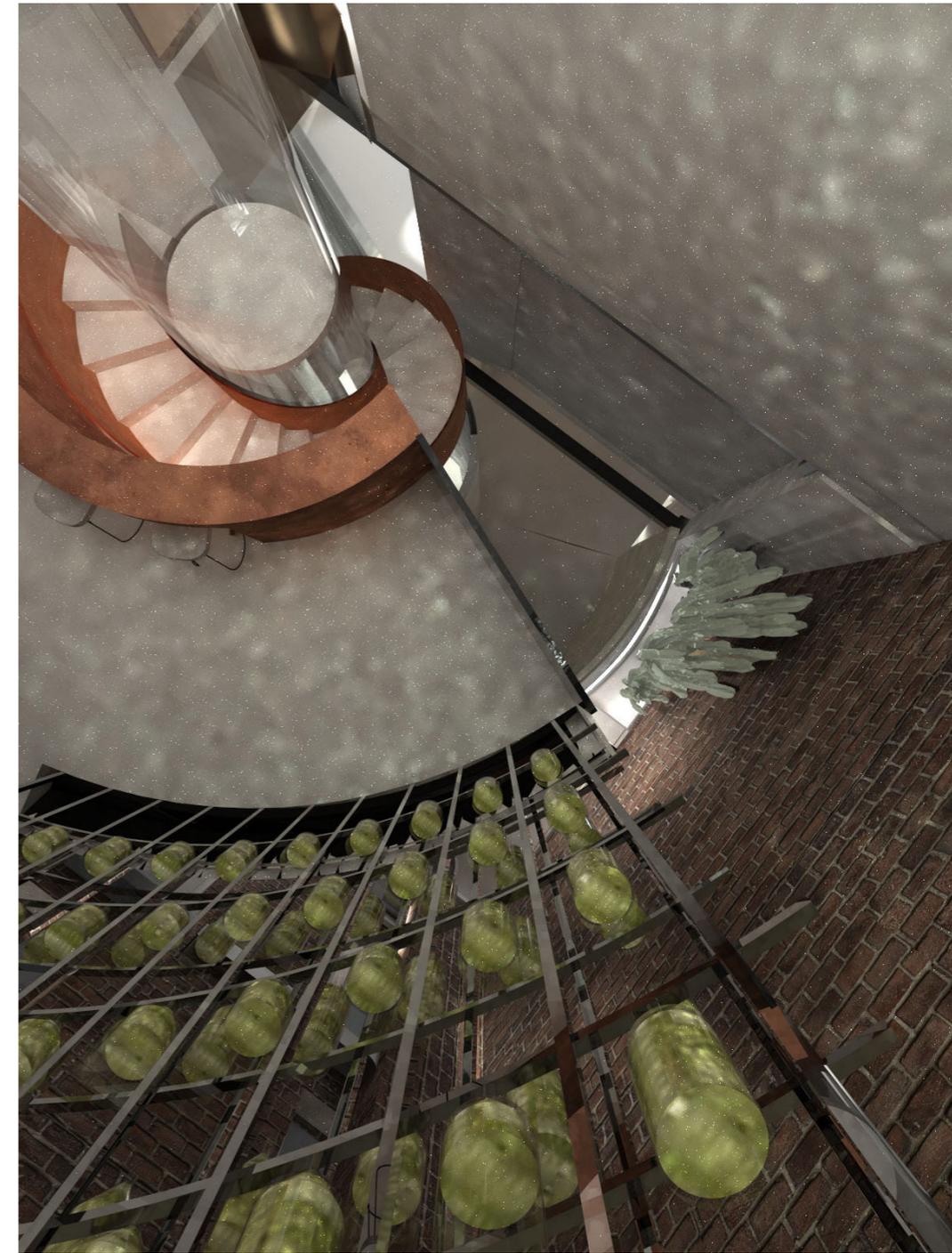
APARTMENT III

Left: Living Frame - Third floor
Algae filtration system



Apartment Three - Third floor

As a greater connection to nature, users can cultivating their own algae. Algae can consume more carbon dioxide than trees and this could purify the air.





LEINSTER GARDENS STREET

View from the existing main door through inside via glass box which connects the front facade to the back facade.



Filter House use a traditional method from my country Iran, by using steam distillers to produce botanical infused water through using both the herbs and plants from all around the house and filter water to serve the extracting water to users and the public who passed the house from the street. This is a part of well-being scheme of the house.



VIECH PORTFOLIO

FINAL PROJECT 2021

Instagram: vi.ech

https://issuu.com/vandahajizadeh/docs/viech_portfolio_2020/81