

# THE EXPLORERS

Designer: Kanyakorn Vudhikamraksa

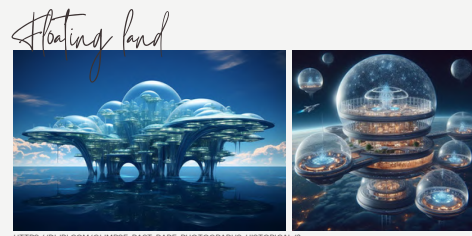
This project is to design the residential for specific of 3 users of Astronaut, Diver, and time traveler, living in Canterbury, Kent, United Kingdom, in a next century.

Due to the researches, there is a chance that in the next 100 years the earth will be flooded because of the global warming and the melting of Ice Caps. Climate Change significant rise in global temperatures could melt the polar ice caps, causing sea levels to rise dramatically. This would flood coastal cities and eventually much of the planet, submerging most landmasses. The release of trapped methane gas from melting permafrost could accelerate warming, leading to a runaway greenhouse effect and further sea-level rise. Following the information from the studies, I decided to utilize this information as my main concept of the future world in the next century.

The main concept of this project is to create the best place of living and working for the users with the image of future home which full of technologies that not only improve humans' live to be more convenience, but apparently assist human to deal with the pandemic and earth transform in the future.

The world future has creating the new wave of imagination to this project leads me to concept of the intelligent technology which fully-control matters and molecule, so people manage to teleport and travel through the time.

## FUTURE WORLD ANALYSIS



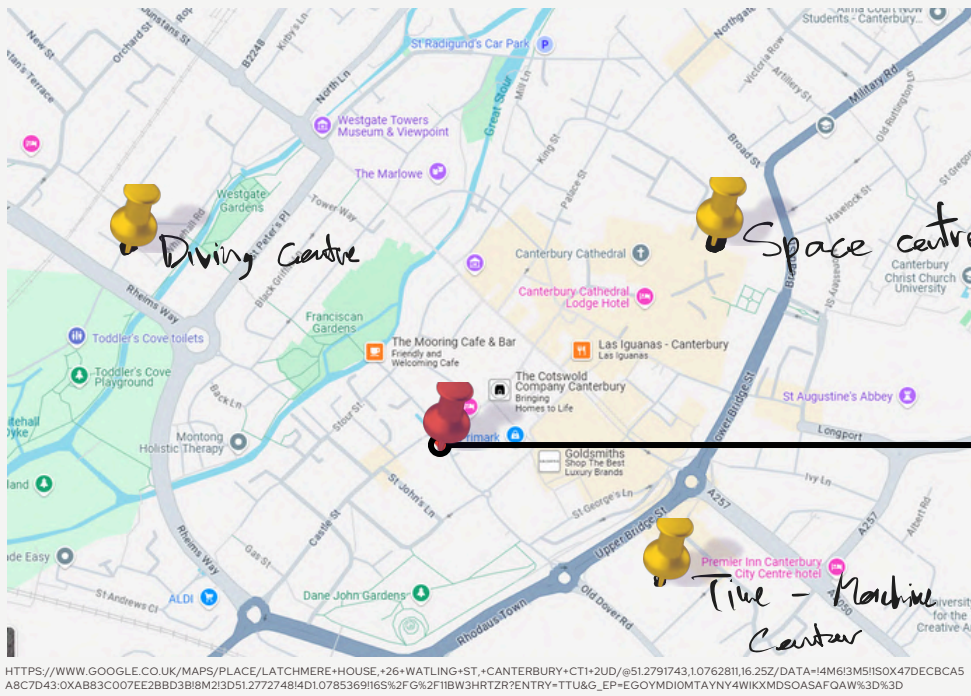
**Floating land;** floating city above the ocean almost reaching the space. there is the safety glass dome covered the entire city to keep the oxygen and temperature degree of the city into the regular level while protecting people and building safe from the asteroid and disaster from around the space.



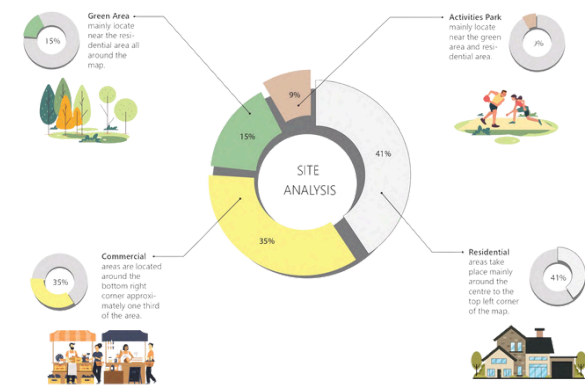
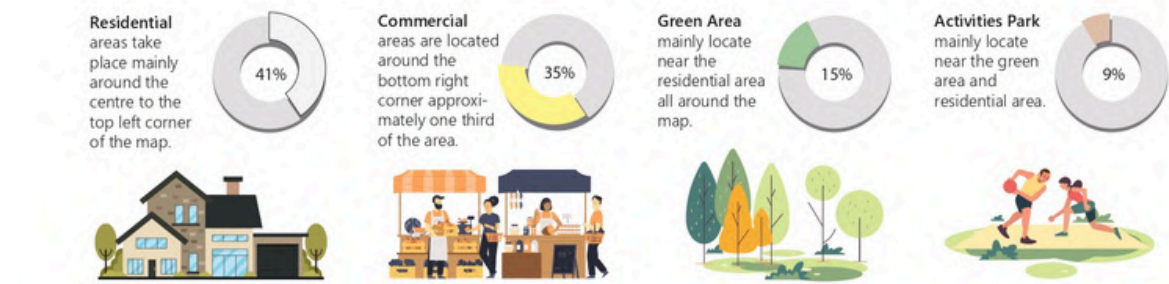
**Island**; mid-water level city located same level as the edge of the water. breathable with the normal air, therefore regularly no need the safety glass dome. However, it can provide the safty glass dome in a second for the emergency case of getting attacked by disaster or the unpredictable situation. this land level is the most comfortable level that easily reach both ocean and space, thus this level become the capital land with the locating of many important place such as space centre office and diving development centre.



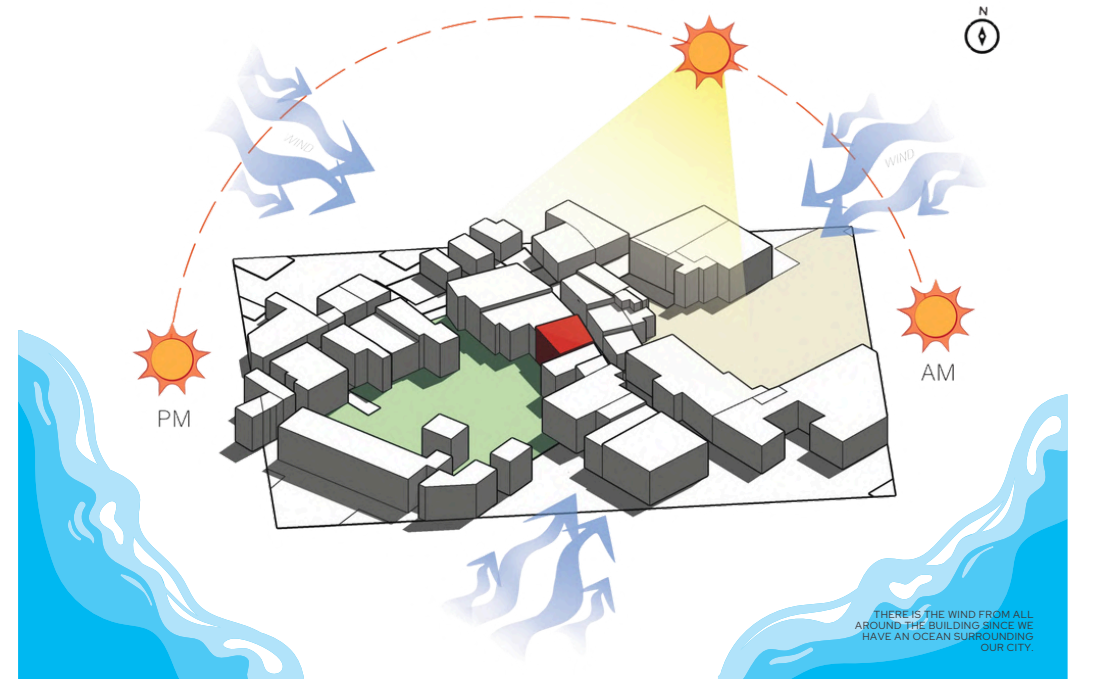
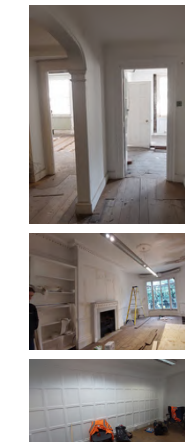
**Under land:** the city under the water located from the floor of the ocean until the shallow level almost reaching the air. the entire city was covered by the safety glass dome to keep the oxygen and temperature degree of the city into the regular level while protecting people and building safe from the sea creature and disaster under the ocean



CLIENT SITE:  
26 WATLING ST, CANTERBURY, KENT



### SITE PHOTO



## SITE ANALYSIS

client site: 26 Watling St, Canterbury, Kent

client site located on the 26 Watling St, Canterbury, Kent, which is in the island level, mid-water level that city located at the same level as the edge of the water. this asrea is breatable with the normal air, therefore regularly no need the safety glass dome. However, it can provide the safty glass dome in a second for the emergency case of getting attacked by disaster or the unpredictable situation. **this land level is the most comfortable level that easily reach both ocean and space**, thus this level become the capital land with the locating of many important place.

canterbury become one of the most important centre city which collect a lot of important place within the city, for example, space centre, diving centre, and time-machine centre. therefore, the clients which are working as an astronaut, diver head officer, and time traveler decided to move to canterbury which is the city that their office located in.

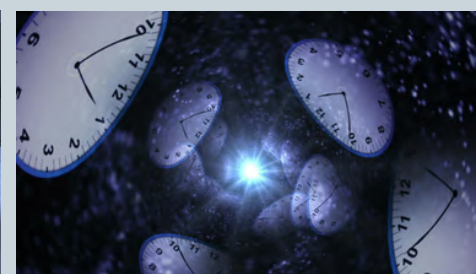
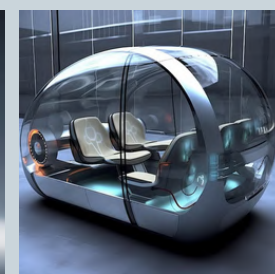
## TECHNOLOGY AND FUTURE DEVELOPMENT

**The technologies** will be developed and improve human life to survive the pandemic and the transform of the earth. An intelligent machine and AI that can create Anything in the world using the science of biology and chemical data base to produce any objects in the world such as food, medicine, and tools. the resource and energy is from the renewable energy of sunlight, sea water, and wind. no lack of food or water issue with more in equality of life quality creating the new wave of imagination to this project.

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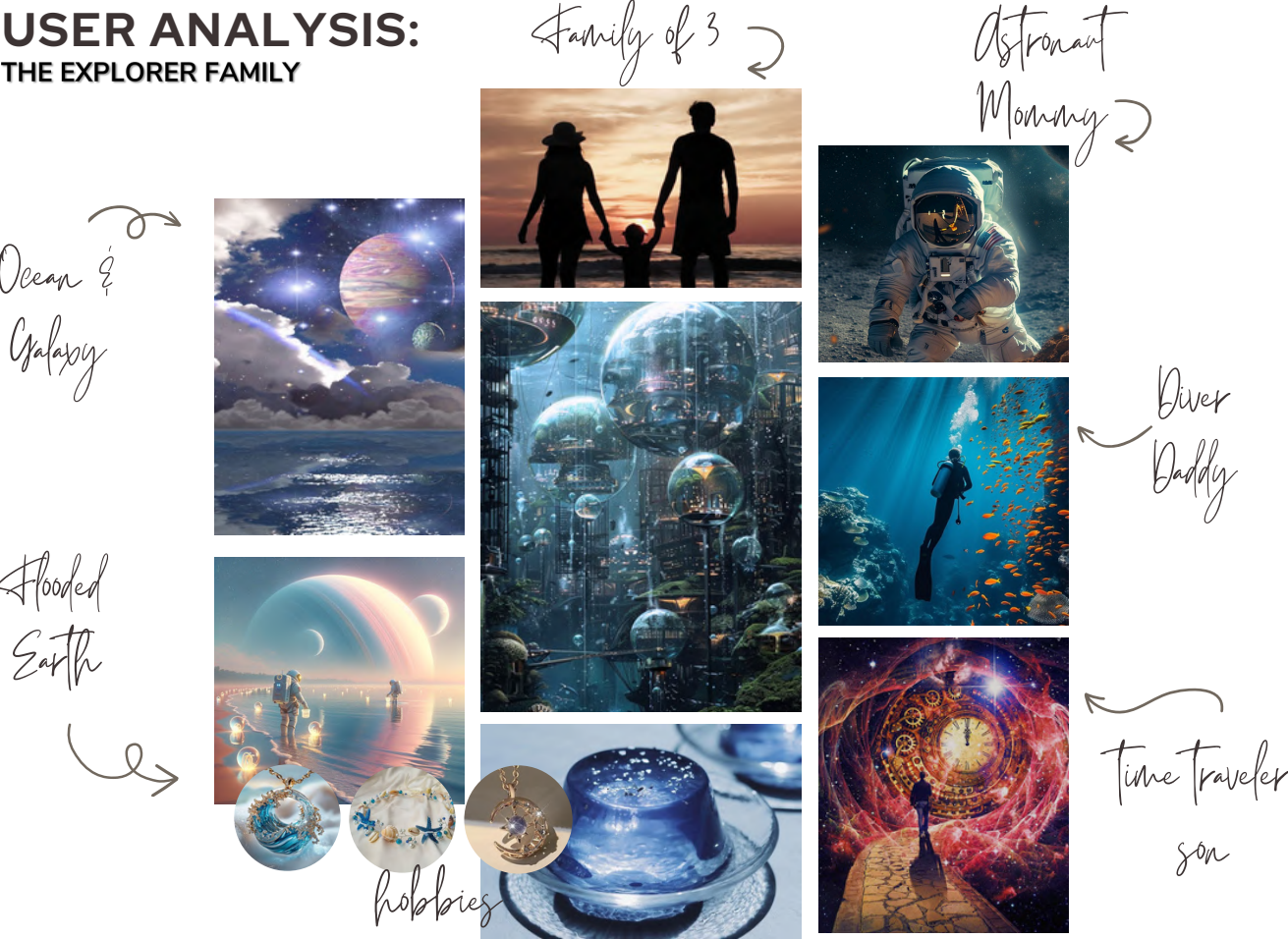
**Hyperloop public transportation** with incredible speed safety capsule travel over the world, reaching both under the ocean and space. The personal capsule can be able to reduce the size to a tiny capsule, therefore, no car park with huge space required. Scientists had developed the time machine but still only the professional can use since it creates risk to the human life of use.

**The smart home device** that can sense your emotion and link with your thought with smart analysis to provide you and your family the better quality of life for every single day. The system link to the whole building with every machines and robots in the house in order to manage and assist you in every steps of your pace.

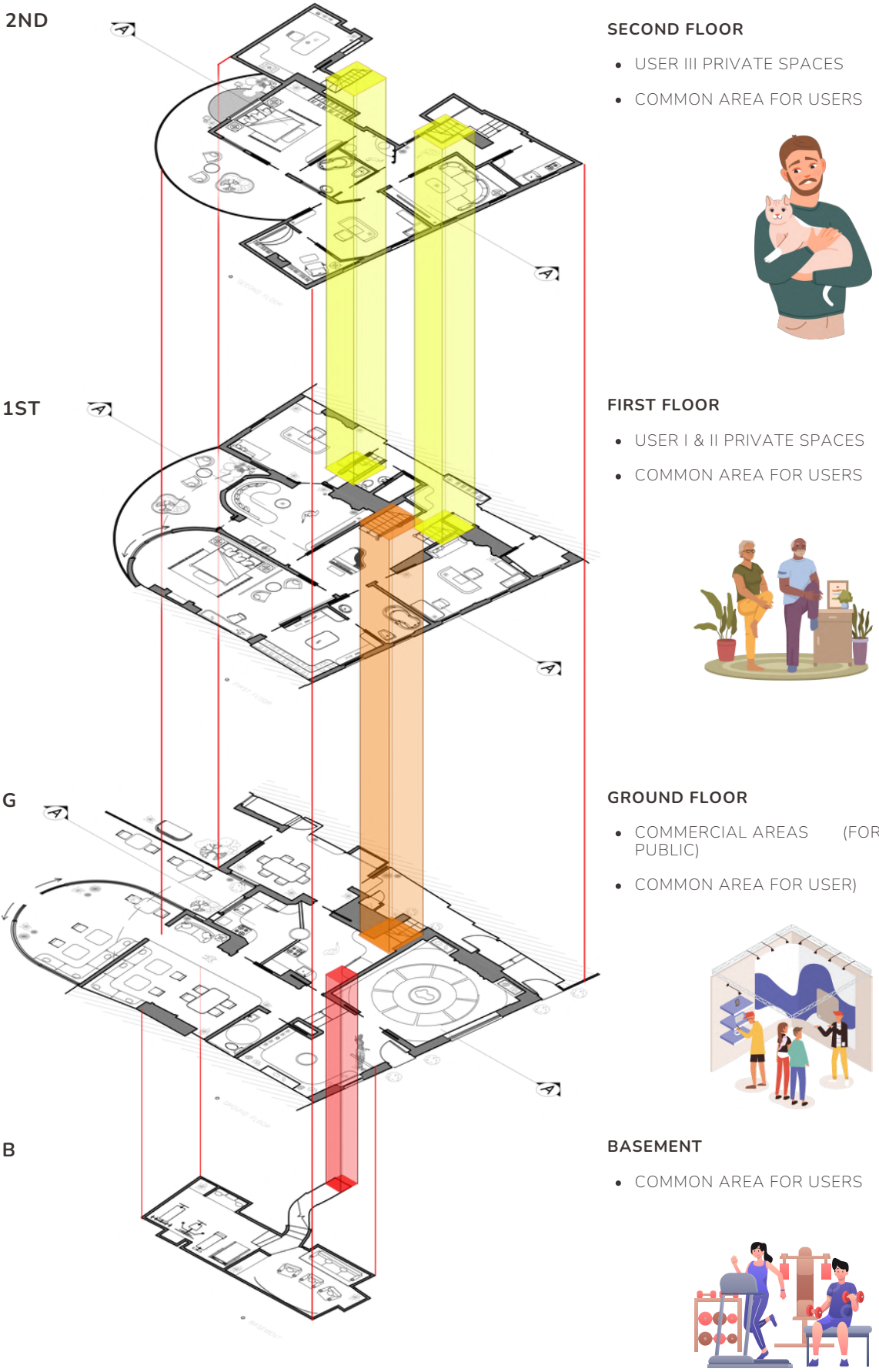




USER ANALYSIS:  
THE EXPLORER FAMILY



VERTICAL FLOW & SECTION



USER I (MOTHER)



**Name:** Zasa  
**Middle name:** Alice  
**Surname:** Vource  
**Age:** 52  
**Gender:** female  
**Citizenship:** UK, Thai  
**Nationality:** British, Thai  
**Marital status:** married  
**Children:** 1 kid  
**Professional:** Astronaut /cafe manager (own business)  
**Hobbies:** jewellery design, playing piano, exercise  
**Personalities:** Leadership, confident, responsible, well management and organize, full of empathy.

**About her:**  
she is half Thai - half British growing up in UK with her family. She is a smart and confident woman with full responsibility who provide the perfect quality of work as an astronaut. She never fail on any mission and remain the best dynamic of work with professional experienced.

Moreover, she is full of empathy and kindness, she always cares about her team member and other people As well as taking care of her family as mother and wife. she is a hard working woman who always manage her time to be with her family as much as possible, thus her family never felt empathy from the busy-working mom since she can do the perfect work and life balance

**Work schedule:**  
flexible work hours and days on her missions and flights. working on-site 40 % while Working from home 60 % since she needs to go on mission and space trip with her team.

USER VI (PET)



**Name:** Fuji  
**Surname:** Vource  
**Age:** N/A  
**Gender:** -  
**Species:** The Khao Manee cat / Diamond Eye cat (Extinct Thai cat from 20th century)  
**Professional:** Christ personal assistant /gallery manager  
**Hobbies:** manage and takecare of both commercial area and home  
**Personalities:** calm and adorable

**About:**  
adorble and smart cat who used to be nearly dead back in 20th century but was rescued by chris. fuji was merged with the intelligent health care technology in order to save her life turned her into the incredible cyborg cat who are now chris personal assistant and gallery manager.

**Work schedule:**  
look after the timeless gallery every time that Chris not around and take care of his daily routine with unstable working schedule.

**The Khao Manee cat** also known as the Diamond Eye cat, is a rare, natural breed of domestic cat originating in Thailand

USER II (FATHER)



**Name:** jake  
**Middle name:** Vulcan  
**Surname:** Vource  
**Age:** 54  
**Gender:** male  
**Citizenship:** UK, Thai  
**Nationality:** British  
**Marital status:** married  
**Children:** 1 kid  
**Professional:** Diving head officer & technology developer / cafe manager (own business)  
**Hobbies:** hand-made craft, diving, cooking.  
**Personalities:** supporter, Professional but flexible, responsible, Excellent to details, Calm person.

**About him:**  
he is a expert technician who fell in love with diving and under the ocean world as his main hobbies. he working as a diver to follow his dream until became a diving technology developer at his mid life of work.

His wife loves to design a jewellery and dream to have her own jewellery brand, therefore he decide to start learning hand-made craft and jewellery craft for his wife and becoming his current main hobby.

**Work schedule:**  
having a precise working time and day, Monday to Friday from morning to early evening. working on-site 10 % while Working from home 90 % since most of people doing mostly work from home at that moment due to earth situation and his job is mainly focus on technology and development so could be perfectly fine for home working, but he still needs to do site-visit and check up some technology and development by himself.

USER III (SON)



**Name:** Chris  
**Middle name:** Cronus  
**Surname:** Vource  
**Age:** 26  
**Gender:** male  
**Citizenship:** UK, Thai  
**Nationality:** British  
**Marital status:** single  
**Children:** -  
**Professional:** Time traveler / gallery manager (own business)  
**Hobbies:** collect interesting stuff, reading, playing chess  
**Personalities:** Extremely Intelligent, hard working, complex but kind, care of his family

**About him:**  
he is an Extremely smart person with excellent to details. he delivered the better quality of work and providing the strong evidences in the investigate section of his job with his eagle eyes and intelligent brain. he has one cat which is the extinct cat specie that was founded nearly dead in the past 200 years during the mission. Chris decided to rescue her with future healthcare technology turning her to be a cyborg cat and adopted her as his own pet.

**Work schedule:**  
unstable working time and day since his job mainly working with different period of time using teleport portal that needs to be on the best timing of space-time. Therefore, his work schedule depends on his mission and timing during specific moment.

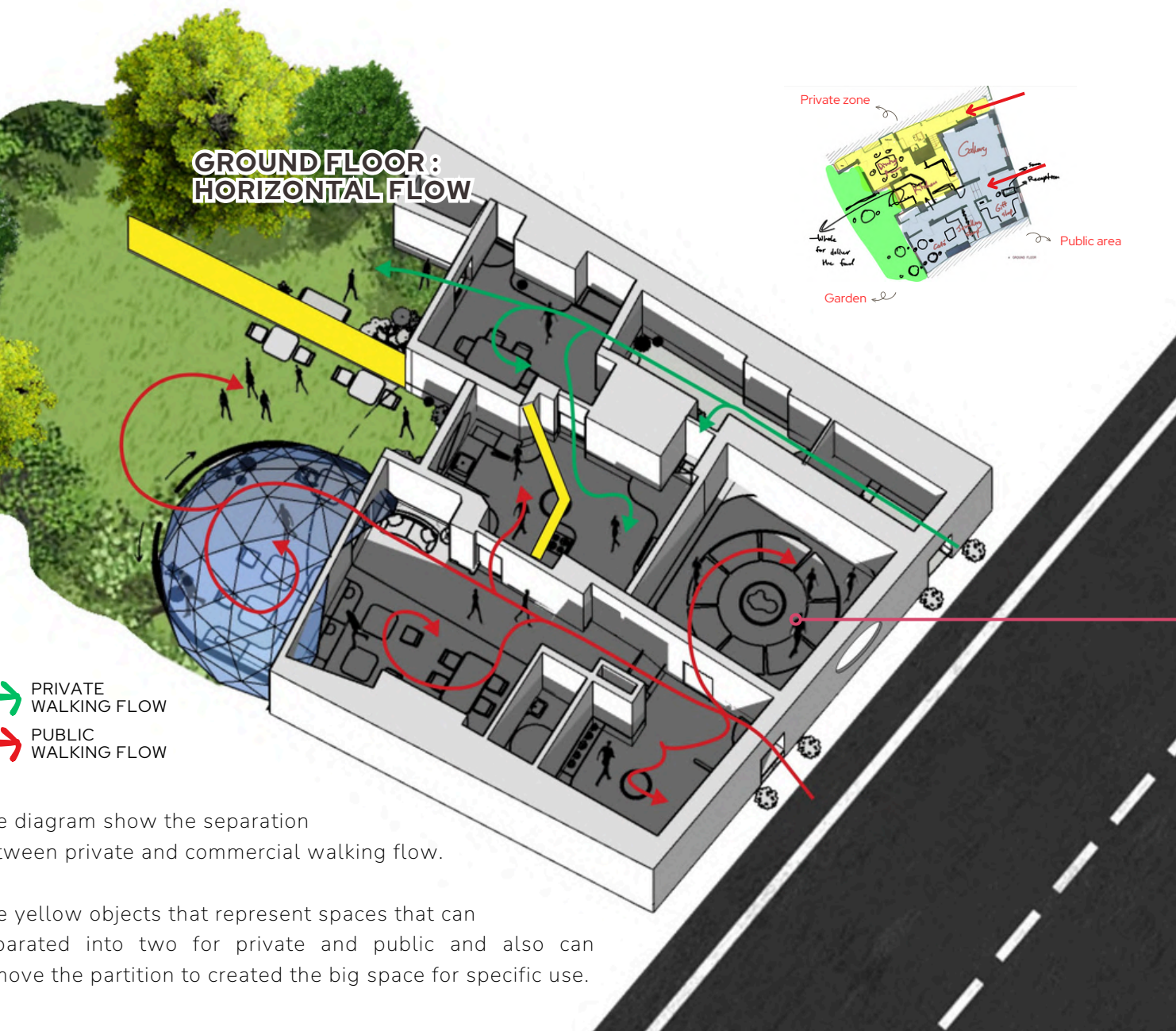
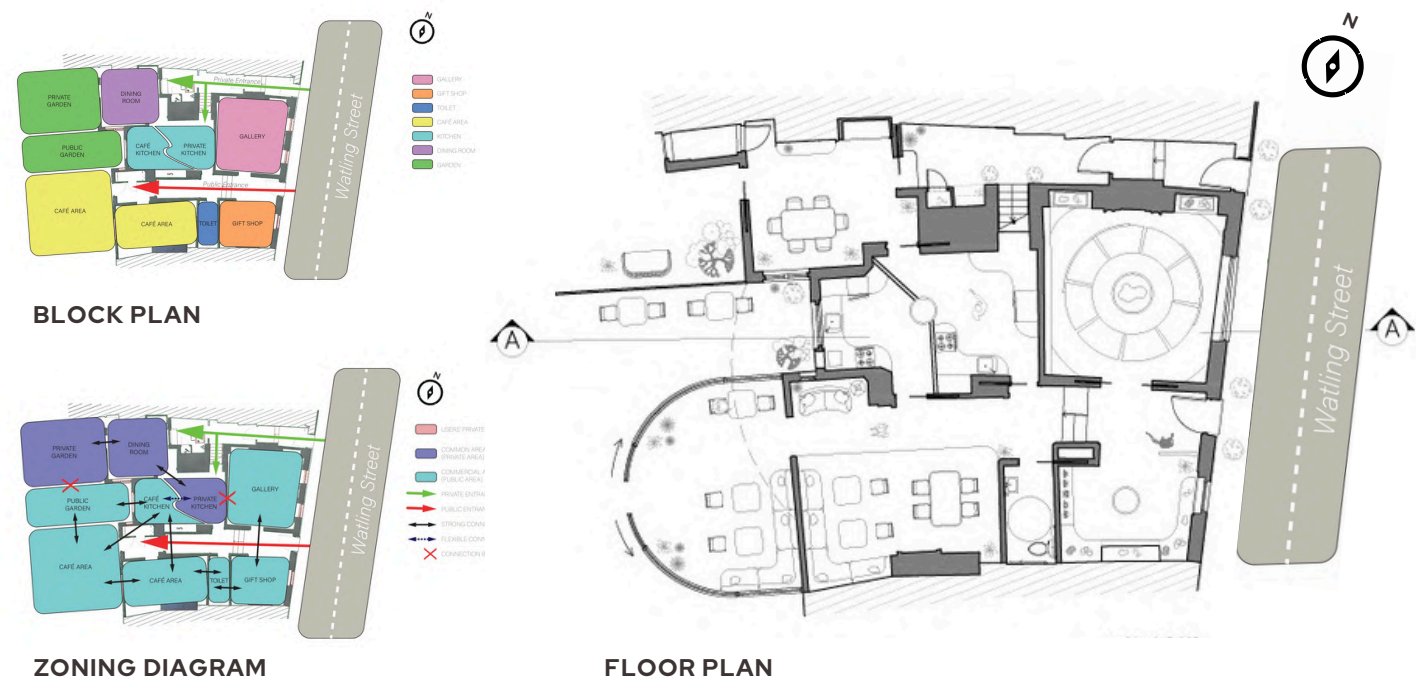




BASEMENT:



GROUND FLOOR :

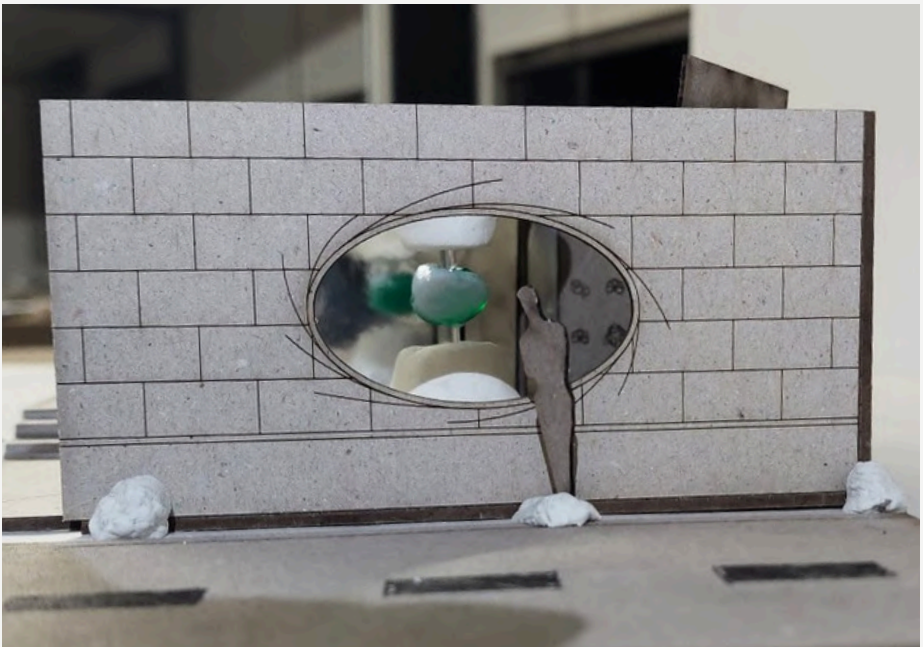


THE TIMELESS GALLERY

The visual and decoration is inspire by the wormhole, tunnel between two distant points in our universe that cuts the travel time from one point to the other, in order to display the gallery that collect all the artifacts from the past, present, and future as one of Chris' hobbies giving you the "Timeless Moment" with the time travel experience that is worth than a diamond.

- The smart function allows you to enjoy the place online in 4D that you can walk, touch, and feel just like you are here by yourself which is you might be home or somewhere else in real life which creates more convenience.
- The free-form object can change itself into a form of any object you clicked on the information board to illustrate the interesting object that might not allow to bring back and exhibit in the gallery.

THE TIMELESS GALLERY MODEL (SCALE 1:50)



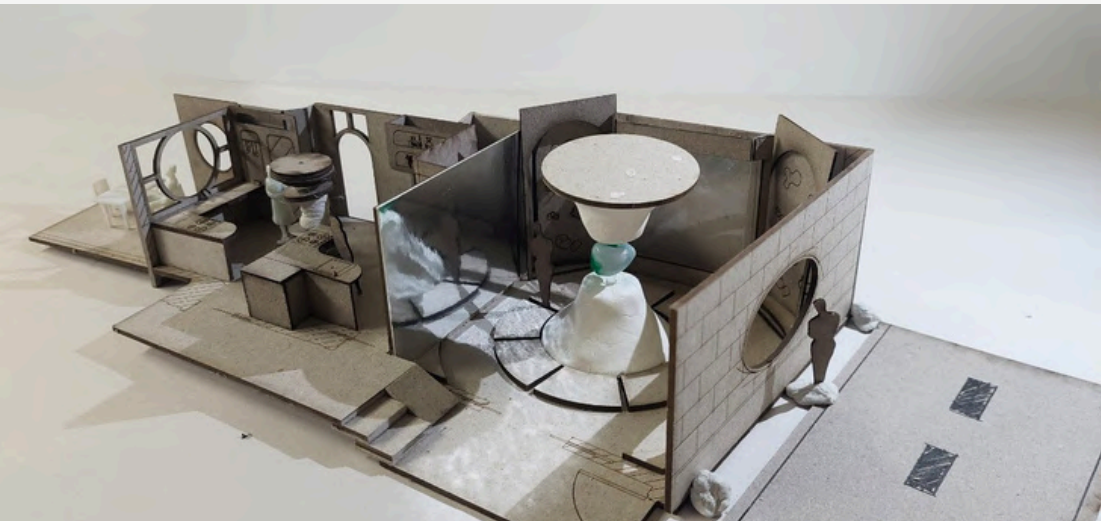
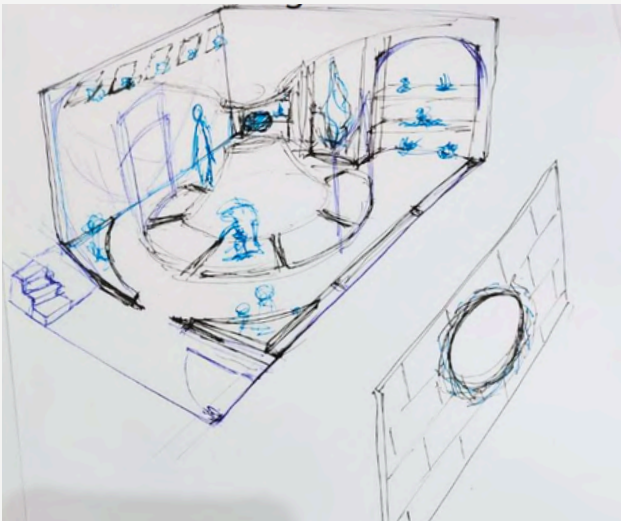
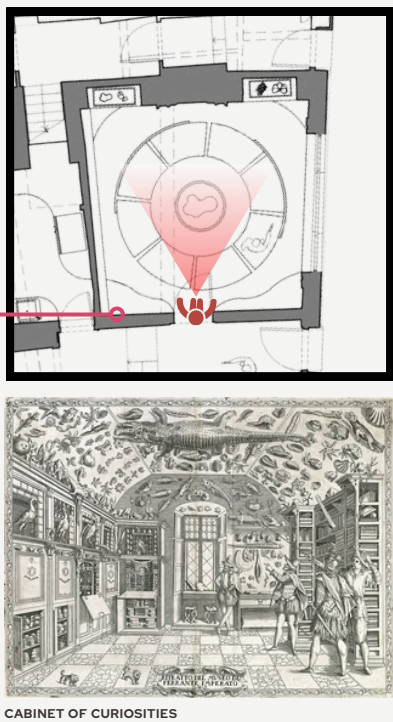
THE TIMELESS GALLERY MODEL (SCALE 1:50)



EXTERIOR

THE TIMELESS GALLERY

The timeless gallery belong to Chris as part of his main hobby to collect interesting stuff during his job from the past era to future era located on the ground floor of his home, 26 Watling St, Canterbury, Kent, as one of the Canterbury landmarks that must visit if you visiting canterbury. Chris will be the manager himself when he is free, but Fiji, his intelligent cyborg-cat will be in-charge in case Chris go to work.

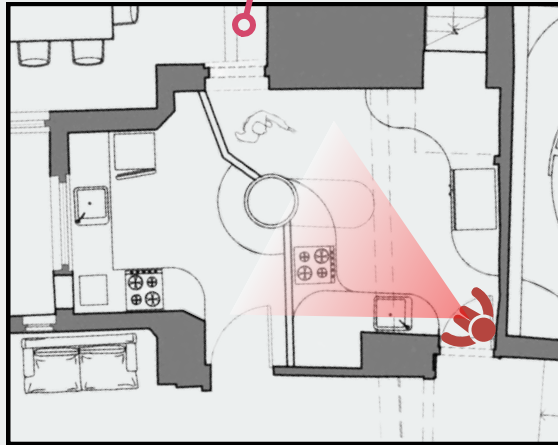


PLEASE SCAN ME FOR GIF & VIDEO

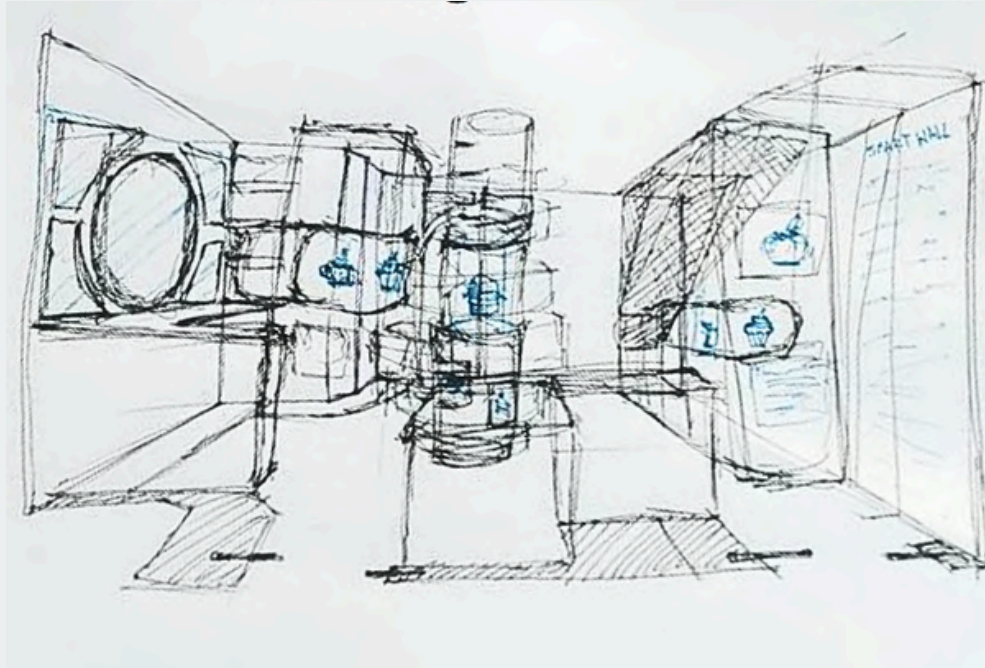


KITCHEN

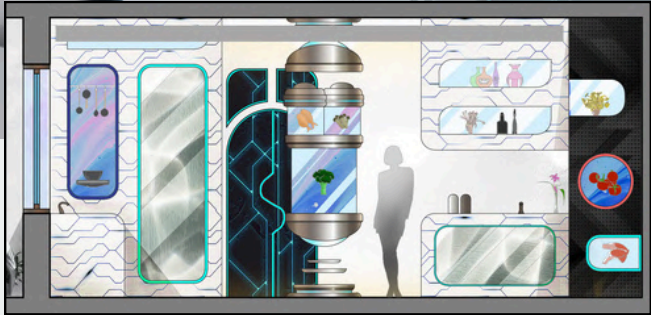
kitchen can **divide the space into two** with the smart partition which is easy to use and adjustable. the left-hand side of the kitchen using as cafe kitchen at the day-time while the commercial area is open and users are working, and another side of kitchen still be private zone allow users to use kitchen during the day time in case they are at home. In the evening after work and commercial area is close, the smart partition will be removed and useas can enjoy using their big kitchen cooking their dinner after back home from work.



SKETCHING

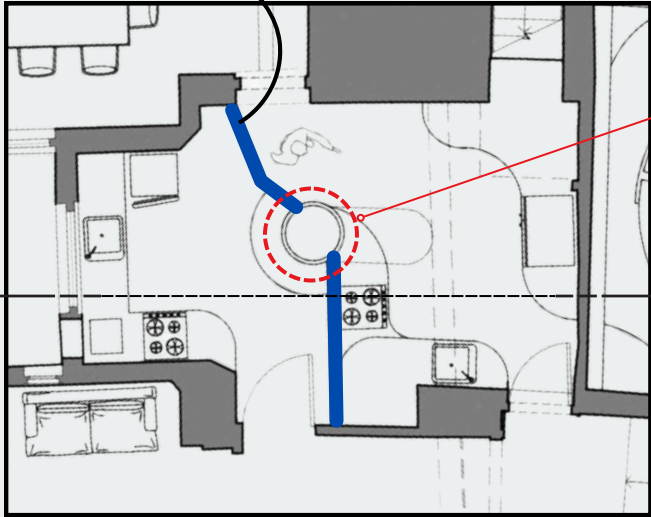


COLLAGE



SECTION AA

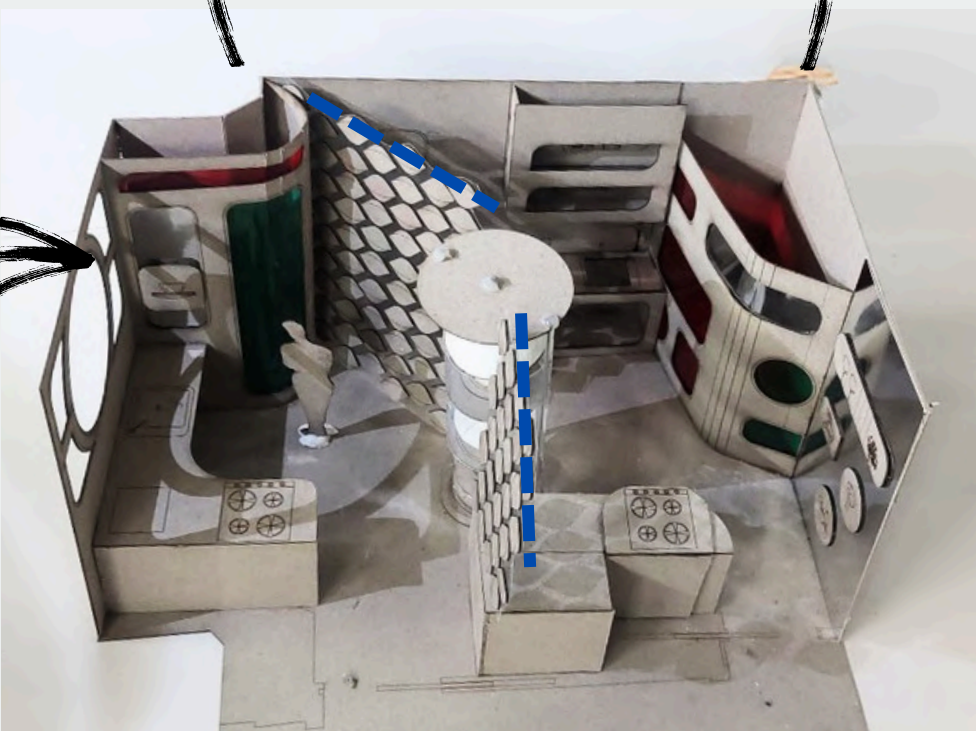
PARTITION



CAFE KITCHEN

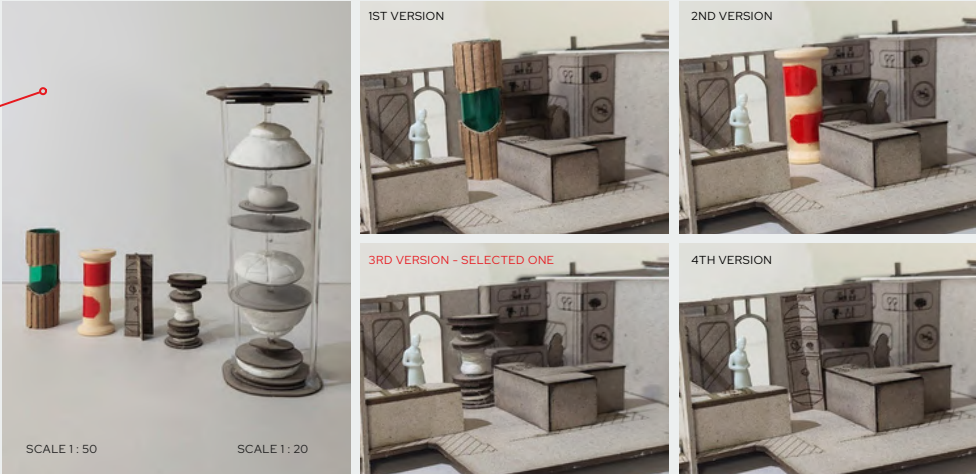


PRIVATE KITCHEN



FOOD COOKER

the experiment of food cooker design for the kitchen in 4 versions of prototype



FOOD COOKER

Machine That Can Make Anything by mimicking the processes of biology, where individual cells, optimized by billions of years of evolution, routinely manipulate chemicals and molecules to keep us alive. "If nanofabricators are ever built, the systems and structure of the world as we know them were built to solve a problem that will no longer exist." all you need is light and raw materials. Starvation ceases to be a problem. After all, what is food? Carbon, hydrogen, nitrogen, phosphorous, sulphur. Nothing that you won't find with some dirt, some air, and maybe a little biomass thrown in for efficiency's sake.

This is the smart food cooker that doesn't need meat, vegetables, or any traditional raw ingredients, just air, light, and trace materials. The Smart Bio-System Kitchen is a revolutionary device inspired by biological processes honed over billions of years. At its core is a nanofabrication system that builds meals molecule by molecule, just as living cells do when they construct proteins, fats, and carbohydrates from simple atoms.

No more supply chains. No more farming. No more hunger.

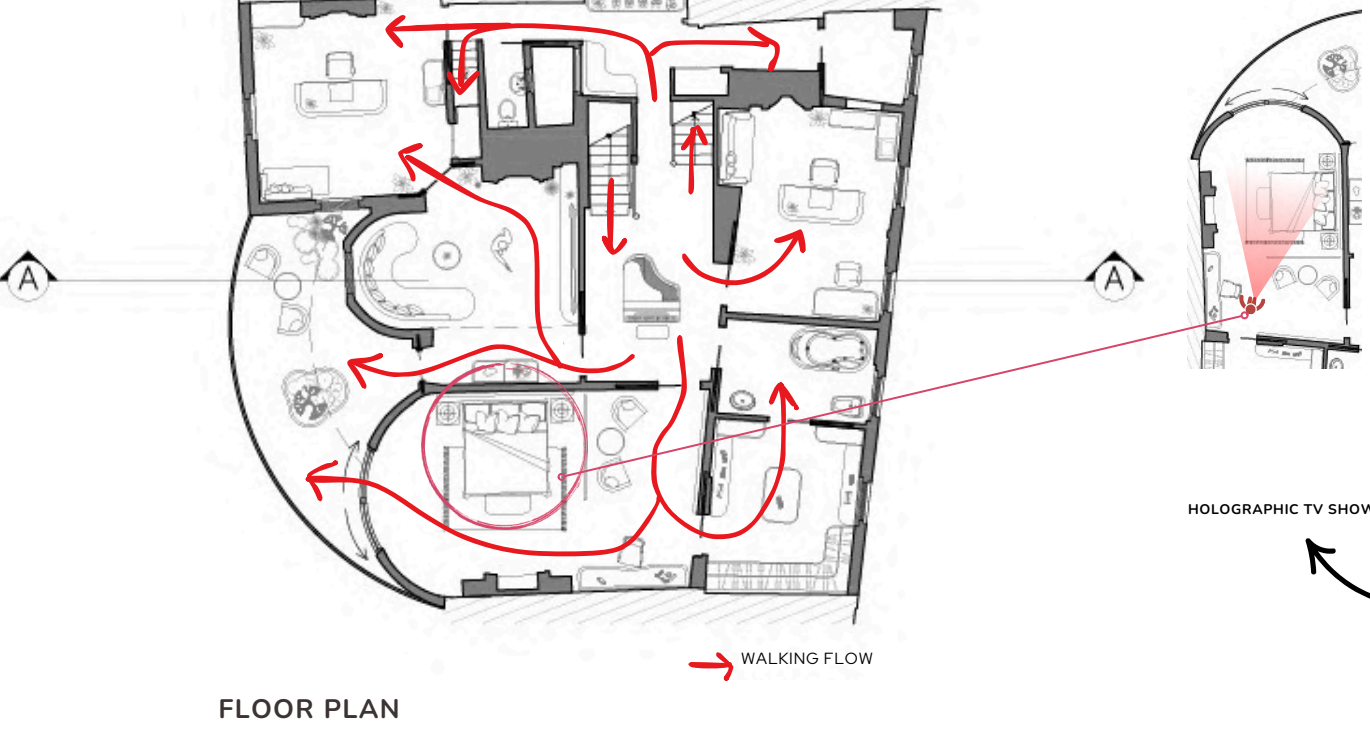
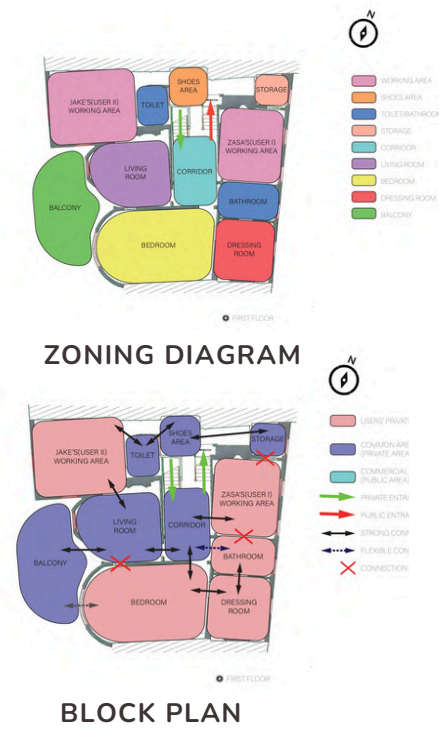
By harnessing the elemental building blocks of carbon, hydrogen, nitrogen, phosphorus, and sulfur which available in dirt, air, and water, the Smart Bio-System Kitchen assembles complete meals from scratch, using only light as its primary energy source. Whether it's a sizzling steak, a buttery croissant, or a crisp salad, it fabricates food at the molecular level with perfect nutritional precision and zero waste.

With this machine, the definition of food shifts from "grown and harvested" to "designed and synthesized." Starvation becomes obsolete. Convenience meets sustainability in a device that turns raw matter into cuisine, one atom at a time.

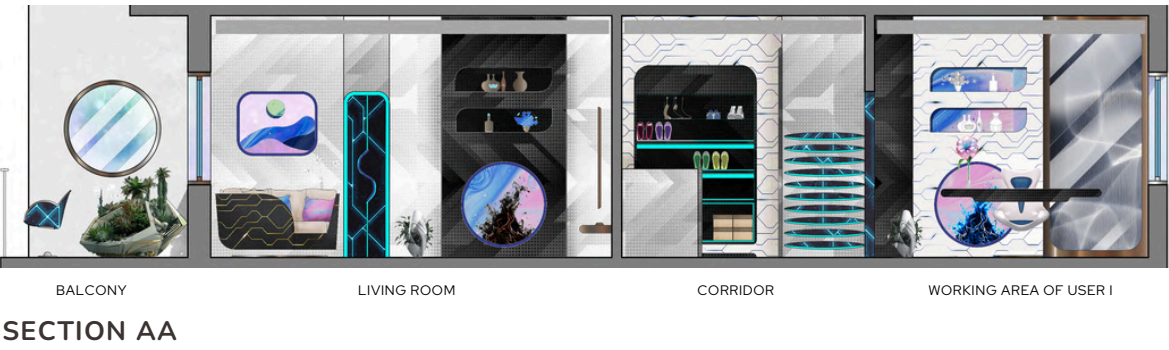
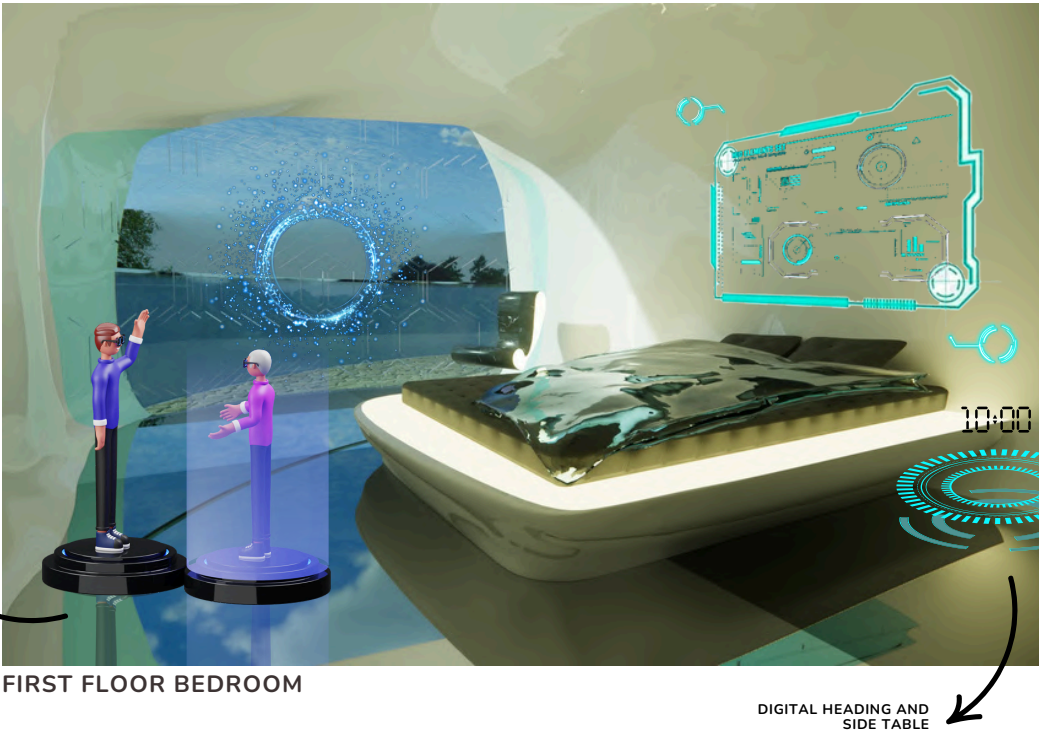
FOOD COOKER MODEL (SCALE 1:20)



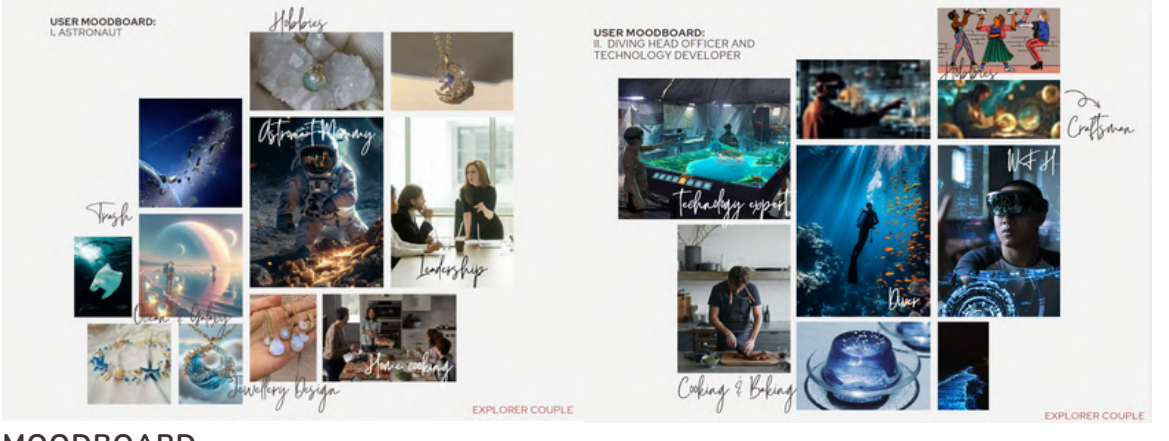
FIRST FLOOR :



BEDROOM 3D RENDERING



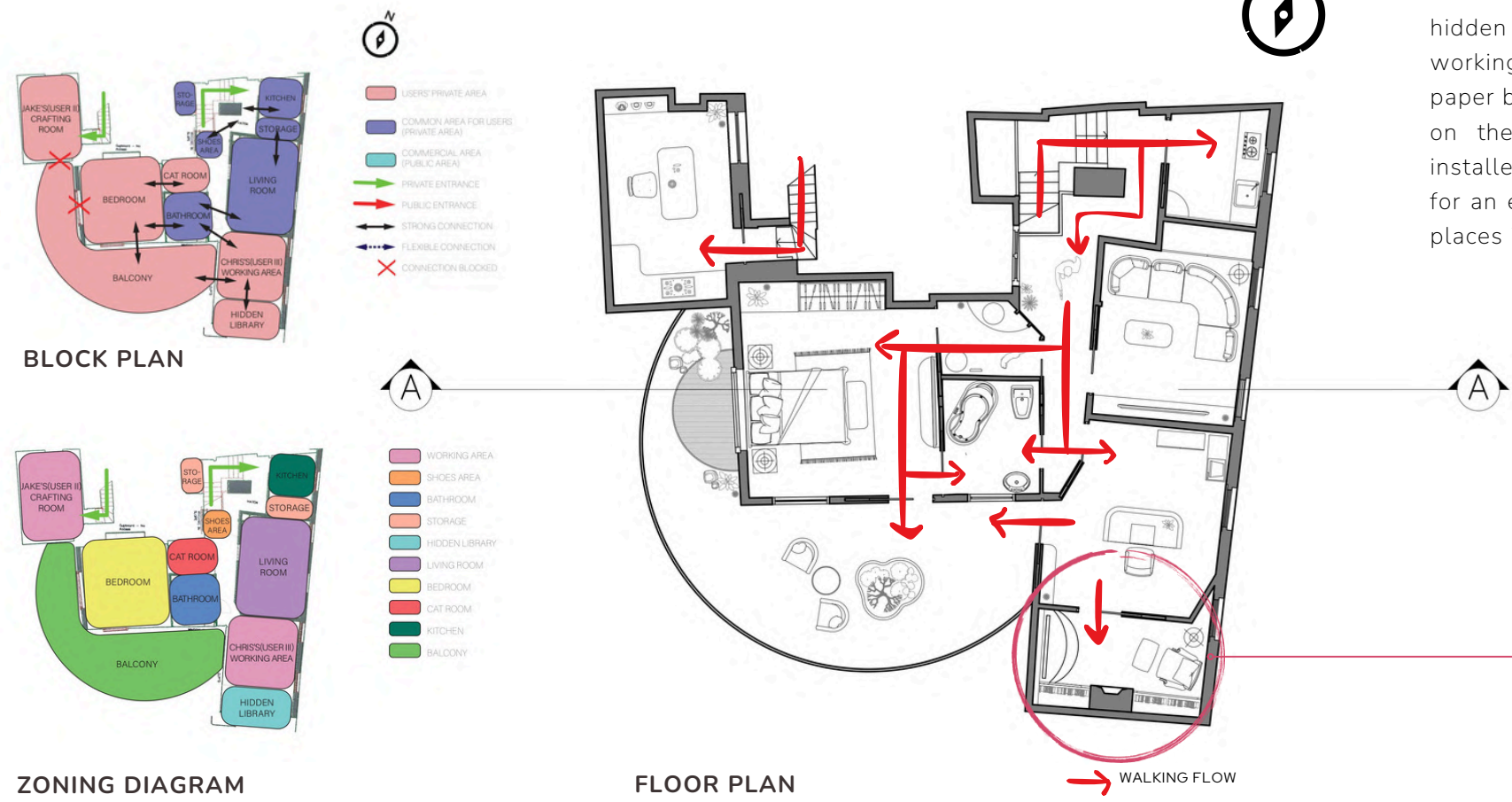
SECTION AA



MOODBOARD



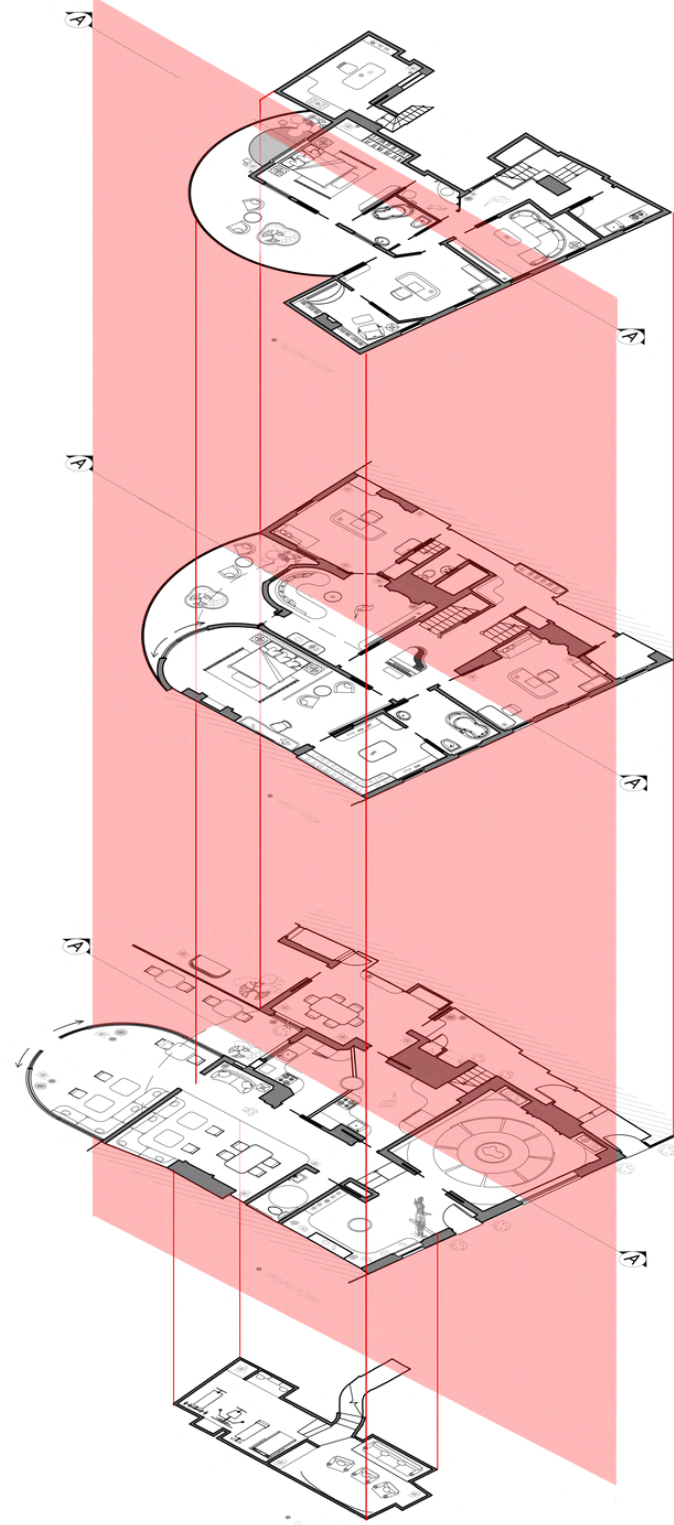
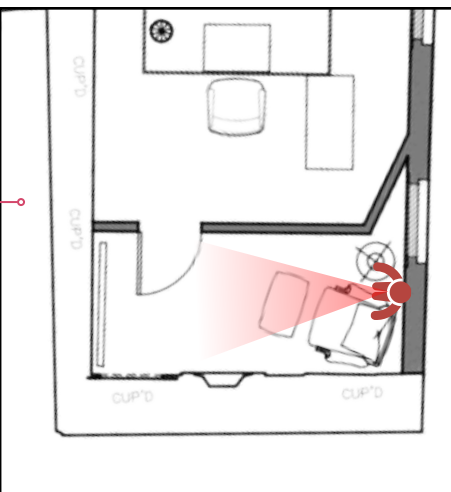
SECOND FLOOR :



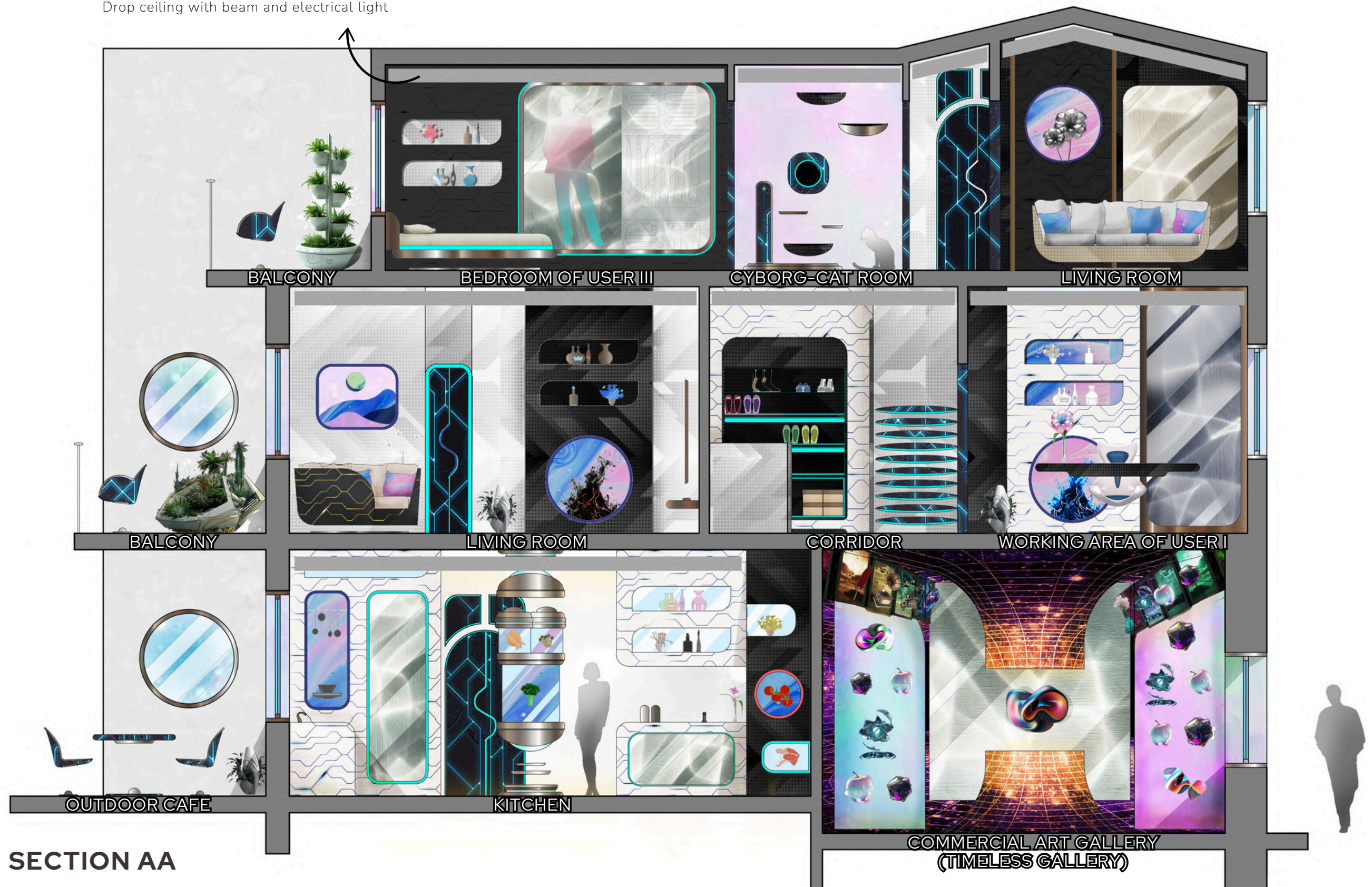
HIDDEN LIBRARY

hidden library is located on the second floor behind Chris's working desk. this room is his secret library collecting the old paper books from the past century along with the digital books on the opposite wall. The emergency teleport portal is installed in the middle wall with the specific purpose of his job for an emergency case that he needs to visit his office or any places immediately, so he can jump there through the gate.

The visual show the perfect combination between classic library and futuristic library which represent the style and profession of Chris who is the Time-Traveler



CUTTING PLANE



SECTION AA