



mixed use 07
city factory
厂

healthcare 70
sexone
性

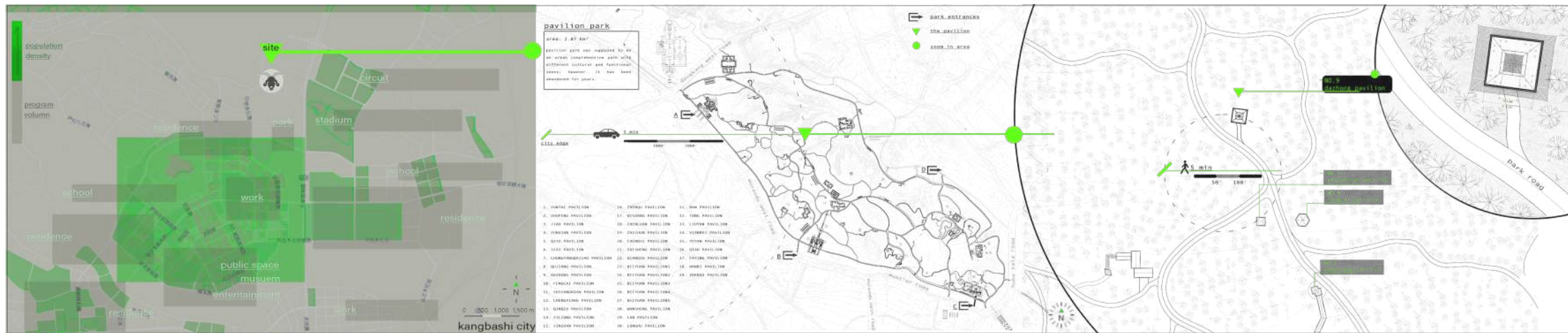
residence 50
floating living
浮

office 28
the void
空

library 62
beyond the cube
叠

library 42
poolearning
池

furniture 86
A stool
角

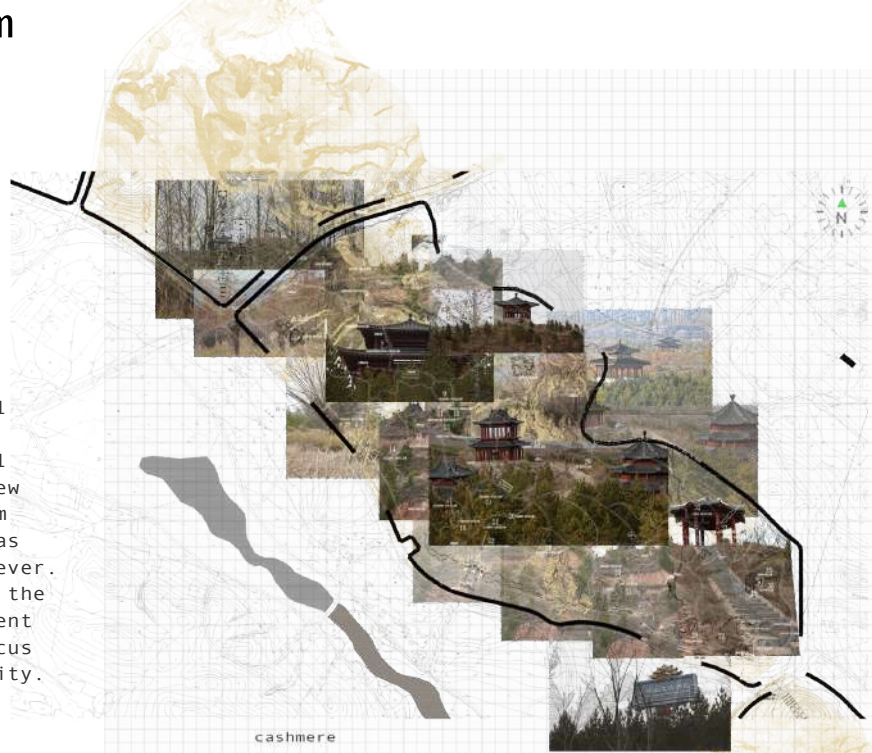


The site is in ORDOS, a city that has strong topographic land and cultural identity located in Inner Mongolia, China.

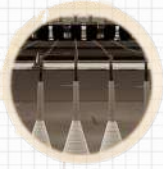


The site is an abandoned park in the so-called “ghost city” - kangbashi district. The city has undergone so many economical and cultural changes in recent years. Therefore, the project will work as a “restart button” for the city to relive with their strong cultural and environmental advantages.

The city has undergone ecological and environmental changes. Through all efforts in last a few decades, the problem of desertification has become better than ever. For now and future, the design and development of the city will focus more on sustainability.



cashmere



dairy products



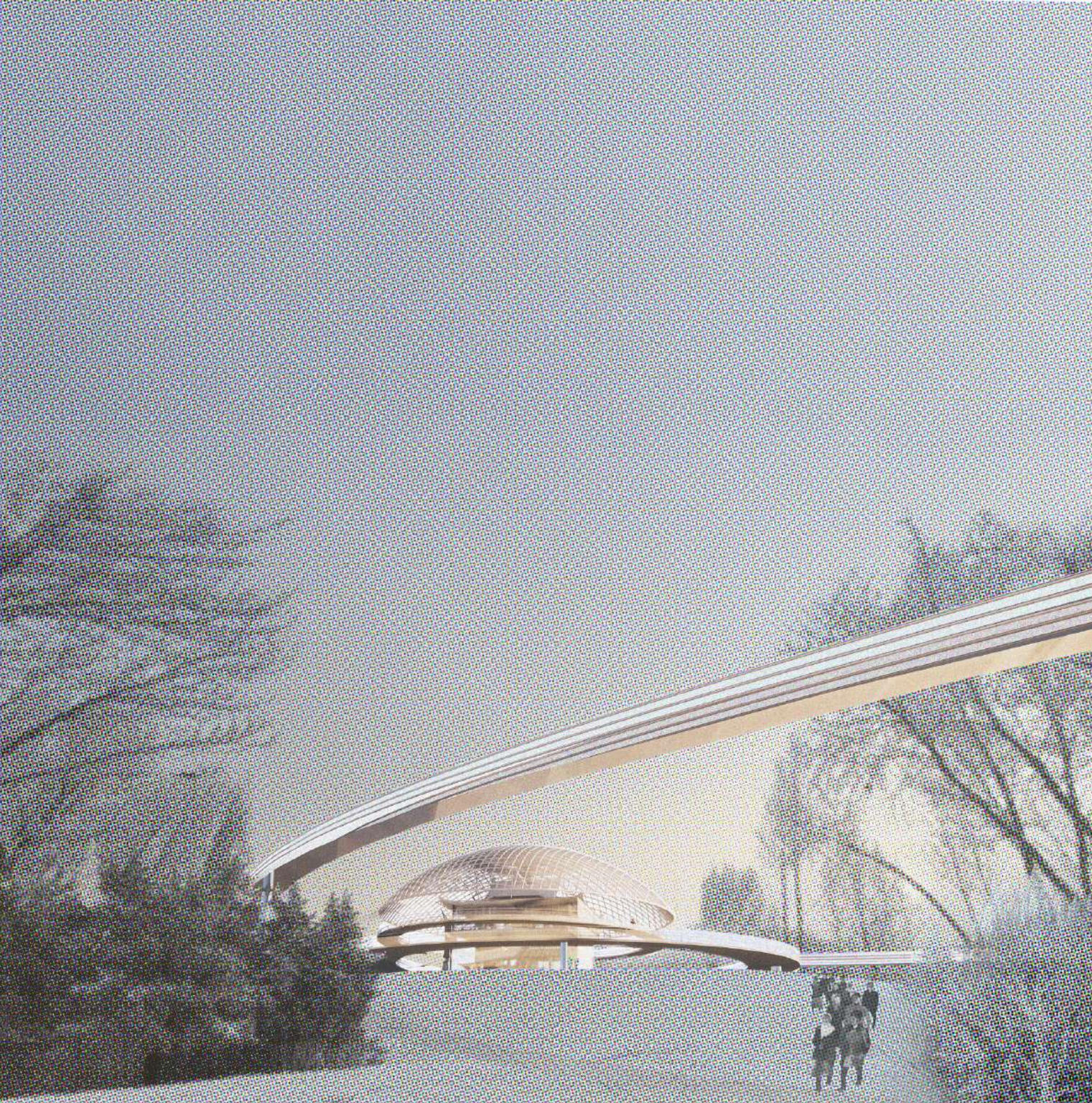
artwork



goat industry



Lowline is the original park road, which is for cars and wheelchairs. The additional highline on the above, which is more accessible for pedestrians. This park circulation connects all pavilions together, which is the original idea of networking and continuity.



the strategy of camouflage



design strategy

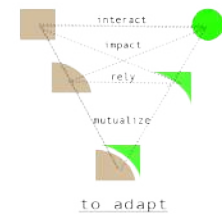


local landscape, culture, style new design, concept

reason why camouflage



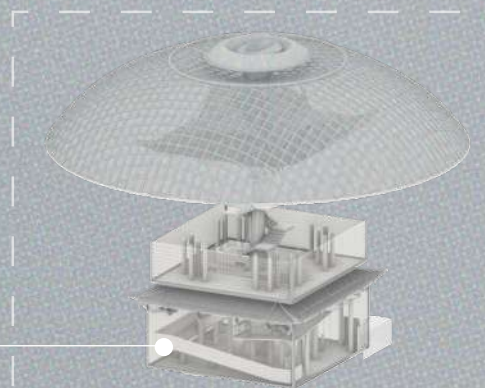
design purpose



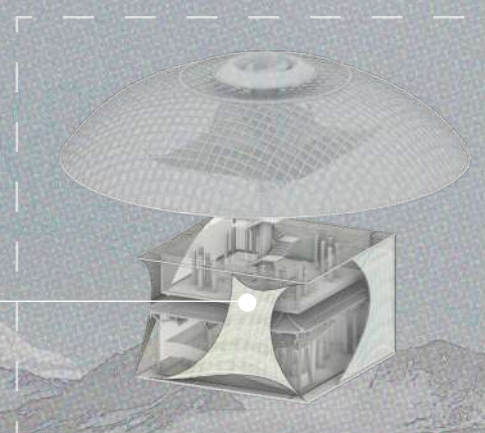
The additional dome, which was from the Mongolian architecture and art form. Whereas the existing pavilion was from Han culture. Therefore, the new form is supposed to be a contemporary merging rather than recreating a copy.

In addition, the form of the dome plus highline/ lowline camouflages with the form of the topography, which calls back to the concept of camouflage. The new design should live with nature well, but also be able to attract outsiders.

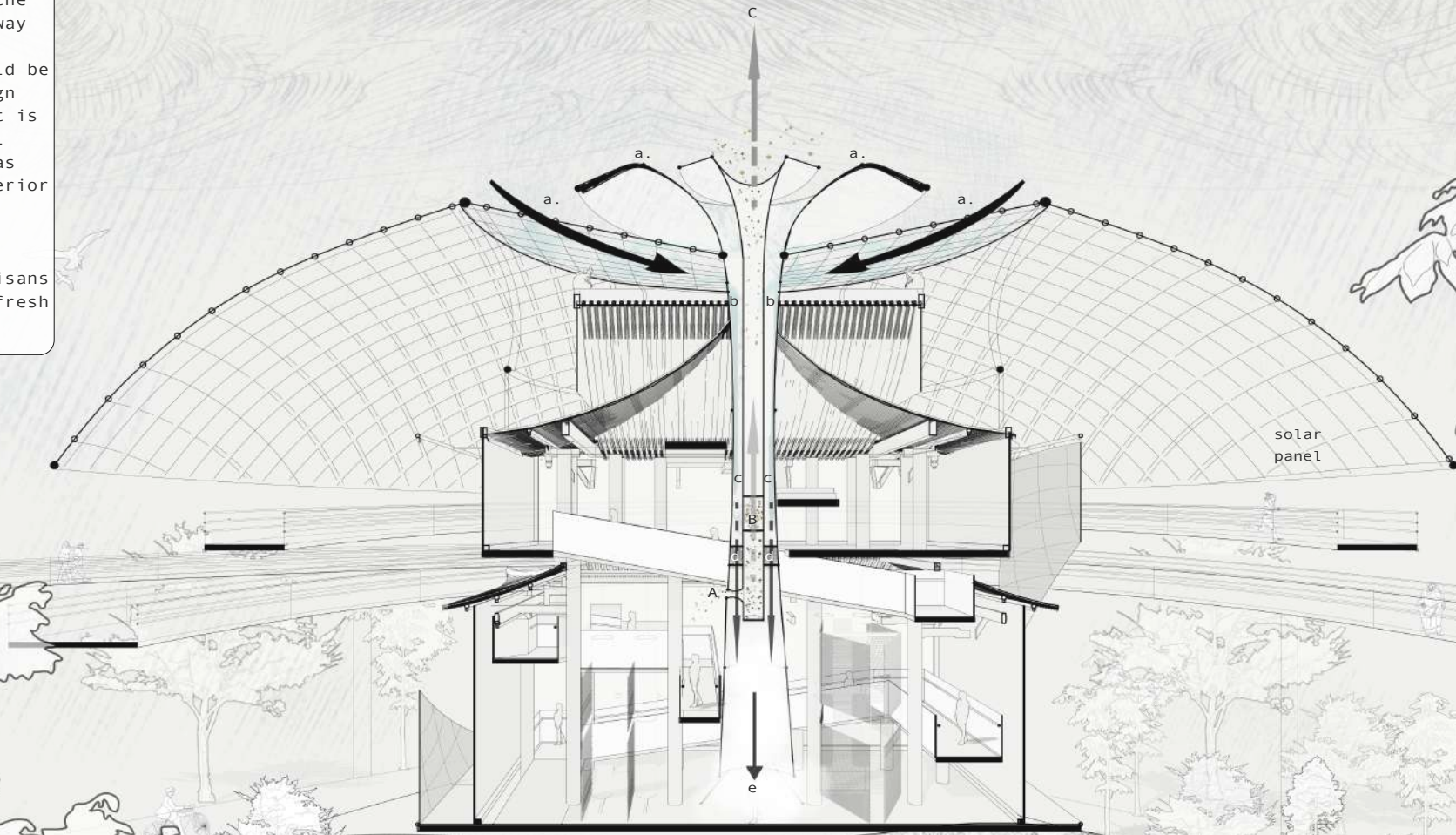
In order to make the reconstruction process easier and to utilize the local material better, the combination of cashmere and the hardest nano-material---graphene are used for the enclosure of the building, both are sustainable and decomposable.



Adding another layer or skin to the building to celebrate the cashmere and the weaving process. They also work as adjustable curtains.



The central installation from the first floor all the way connects with the exterior dome should be a sustainable design of the building. It is able to collect all natural resources as energy for the interior space. Meanwhile, it also provides a relaxing and quite space for both artisans and visitors with fresh air and moist.



a. rain water collection
b. water inlets
c. water storage
d. filtering
e. generating
fresh moist & air

A. process dusts collection
B. filtering
C. vacuume out

The concept of “timeless” was the strategy to create a visual effect and vibe that make people feel and experience the space differently than anywhere else in their daily lives.

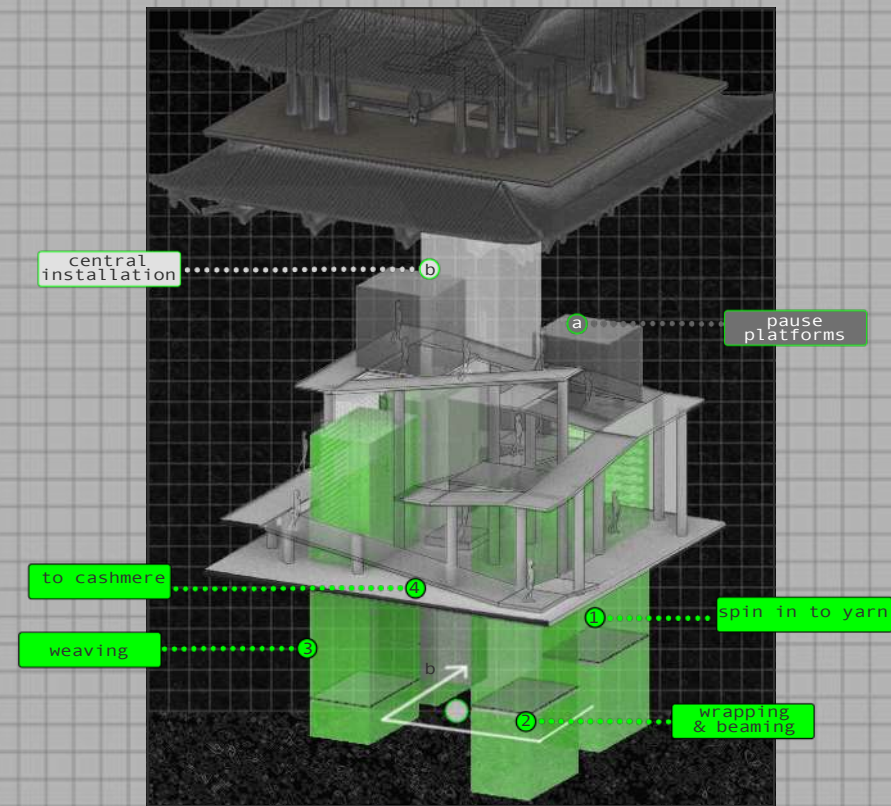
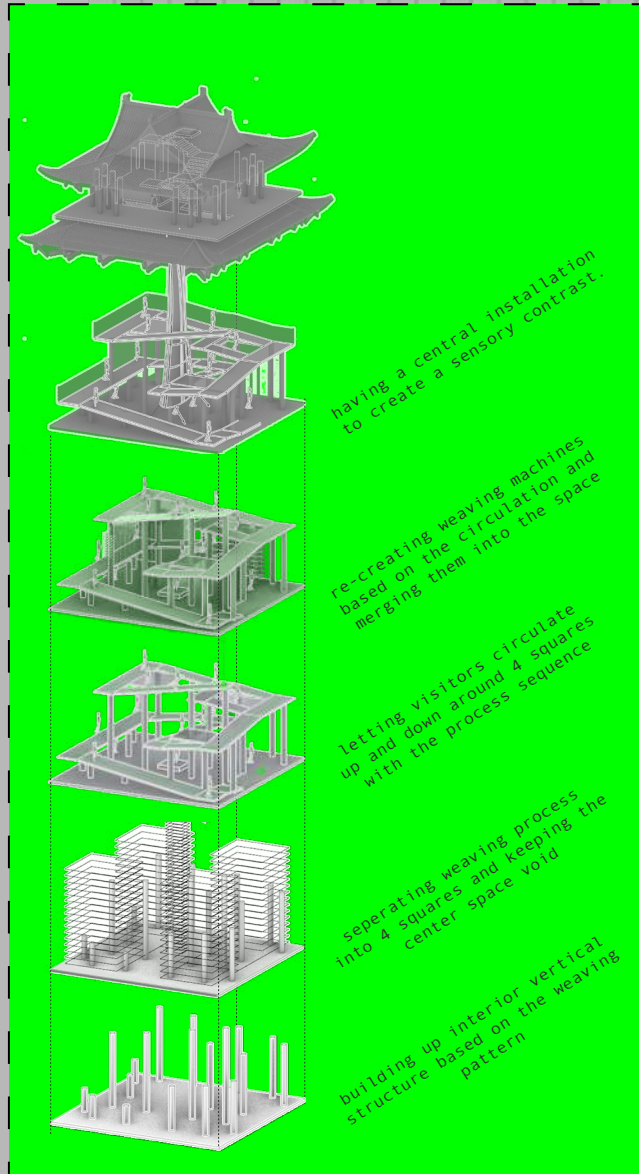
Yarns, what are used a lot in the weaving program, are used to create a **sense of overwhelming**, which leads people to the state of **hypnosis** and have no chance to think and find their tranquility in this area. This technique is really similar with Buddhist mandalas.

City factories are not supposed to lead people to define what is hetrotopia or utopia. When people step into the park, they start their **games of time**. The space here is timeless, then people in the space will define their own utopia.

Then the sudden **void** in the middle of the space is the final destination and enlightenment, where allows visitors to calm down and think.



In order to utilize the height between the first and second floor more efficiently, more spaces and stops for visitors will be created with ramps. The circulation always allow visitors to experience the manufacture process with its order.



b central installation



a "pause" platform

1 spin in to yarn

2 wrapping & beaming

3 weaving

4 to cashmere



The Void is an open work space with permeability by using different materials with different levels of transparency and privacy. The concept fulfills the sustainable goal of good health and well-being by having more natural light come into the space via void design and partnerships for the goals by creating more open offices for staff to work as a group.

“空”是一处会呼吸的办公场所。

概念灵感来源于建筑软皮（architectural soft skin），它注重于空气的流通。在“空”的地方可有适当的光和空气介入。

在室内空间里，所谓的“空”，不仅意味着光和空气，还决定着私密性和整个空间的透气性。在一个相对较公开的办公空间里，“空”既满足了某些空间的所要求的私密性，却又不失整体空间的流通感。



"the void" workplace?



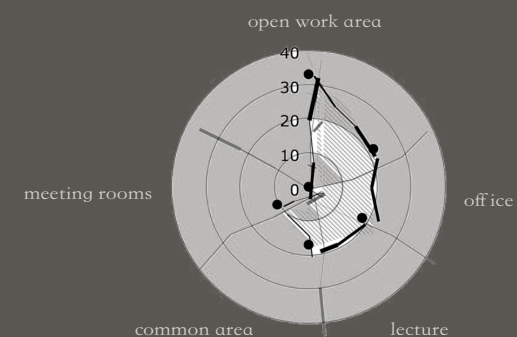
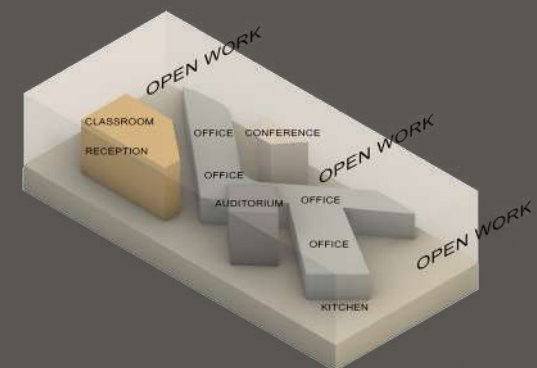
OFFICE

办公空间

空间规划

top right: program layout & privacy level
bottom right: program capacity

left: final plan



24 public space

公共空间

|THE VOID



left: registrar, waiting area

top right: public classroom

bottom right: pantry



26 multi-functional public space

多功能公共空间

left: phone booth
right: auditorium + library



The phonebooth, located in the center of the space, is also a focal point for circulation. Users circulate through the pinwheel shape offices through this centralized passage.

The auditorium room, also works as a library, is a focal point of the office. Three pathways leading to this space in the open work area make this public area accessible to everybody in the office.



28 private office

私密办公空间



void
filtering
solid/soft
permeability
opacity/translucency/transparency



THE VOID

The concept fulfills the sustainable goal of good health and well-being by having more natural light come into the space via void design and partnerships for the goals by creating more open offices for staff to work as a group.

door partitions

The graphic of offices' doors and windows are a little bit more aggressive than the language of the open work and other public programs, which makes the private offices more exclusive to visitors visually.



OFFICE |



poollearning

池

3

POOLEARNING is a completely new concept-driven library where people can escape from the electronic-dominated world for a while. Hope water helps while one really needs to focus and be inspired.

"池" 是全新的概念书店。

真正享受阅读纸质书的读者们可以完全逃离电子设备主导的环境。

因为在这里，你需要在水中阅读。

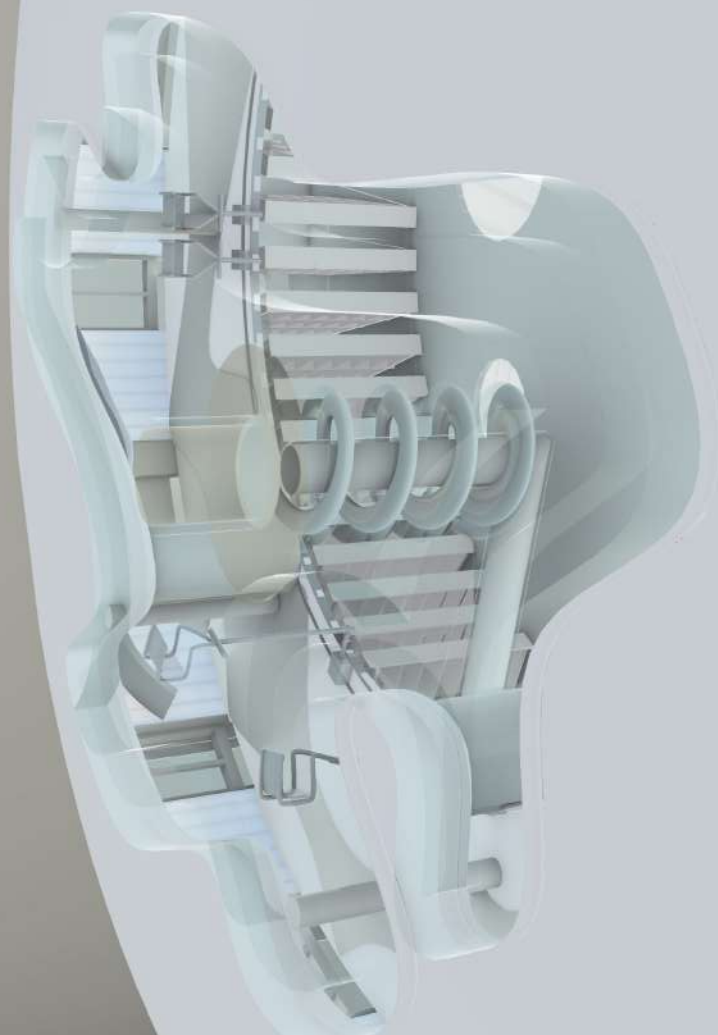
希望水可以启发你并带给你集中的精力 ...

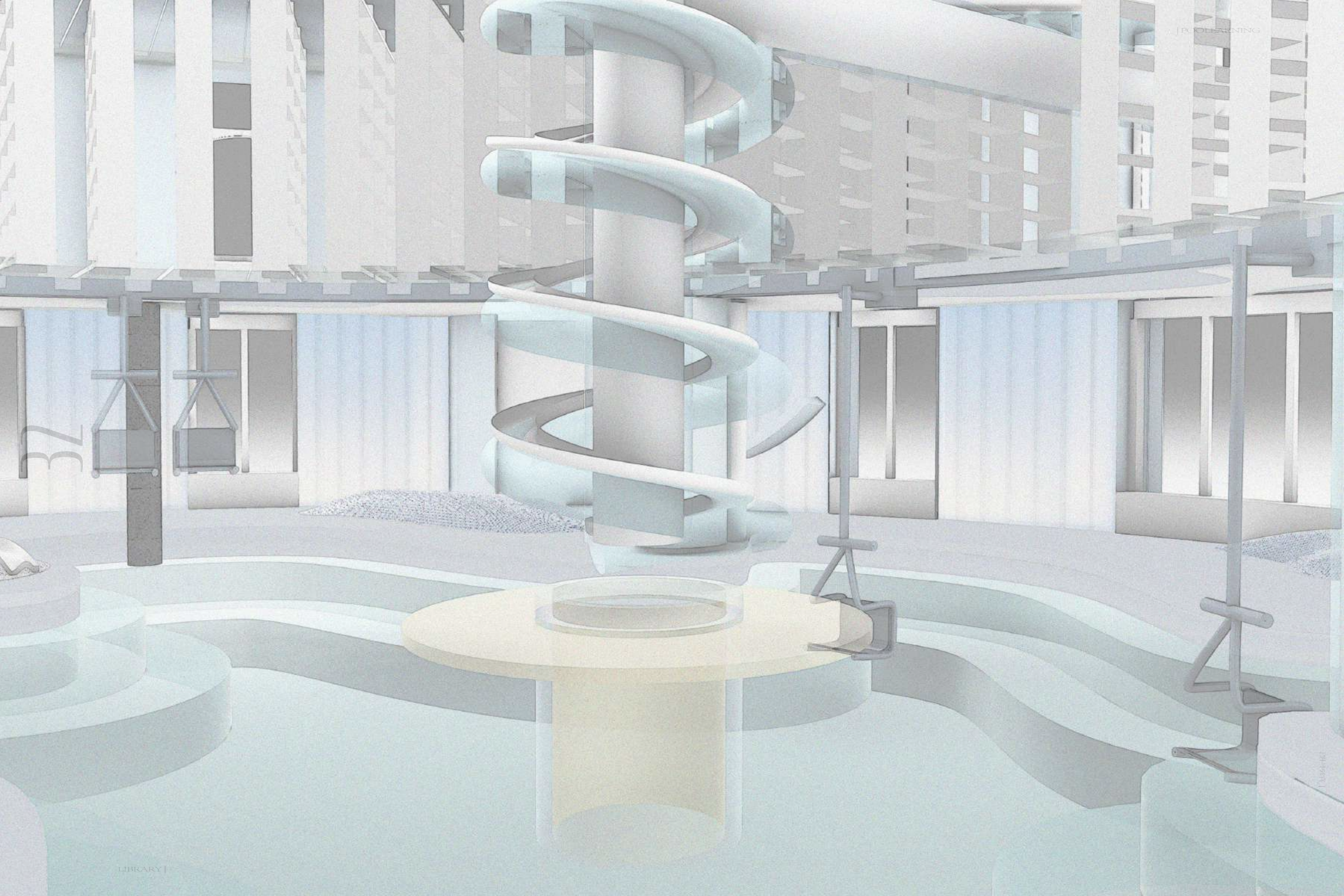
EDUCATION

公共空间 - 图书馆

poollearning

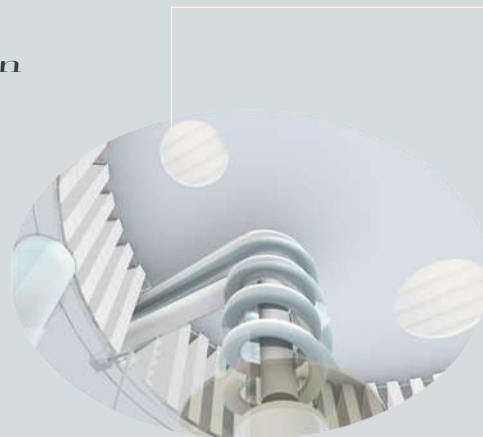
池





electronic drop-off station

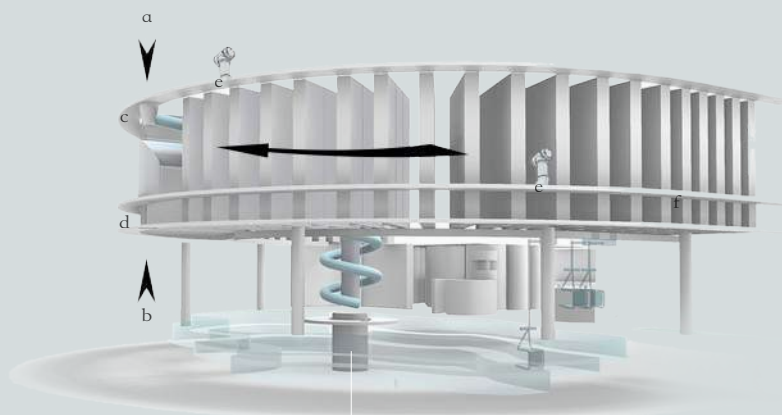
How people read in this library is the key question. In order to convenient readers in the wed zone, I introduced pneumatic and gravity drop down system in the design to transport cradle-to-cradle books from upstairs to downstairs.



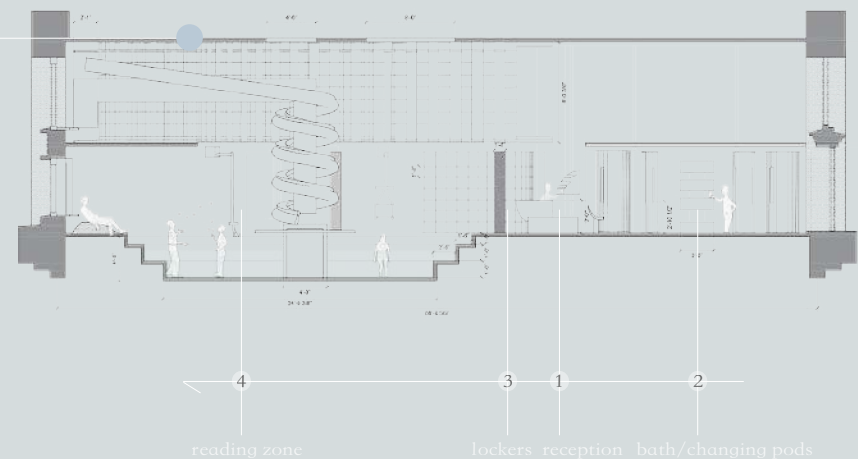
transmission of books from the mezzanine



gravity drop down system

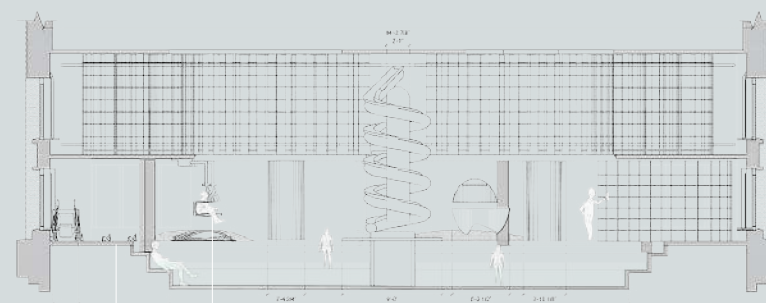


- a. drop-down opening
- b. returning opening
- c. tracking for picking up books
- d. tracking for returning books
- e. robot hands for picking up and returning books
- f. goes to technical station



reading zone

lockers reception bath/changing pods

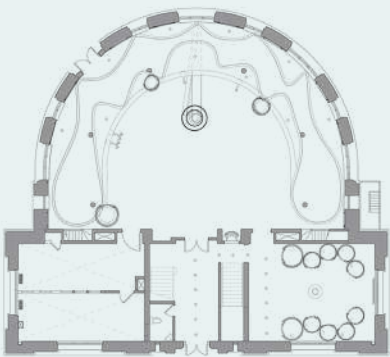


ceiling lifts for the disabled

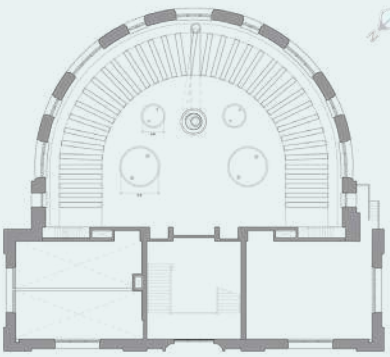


wheelchair parking grooves





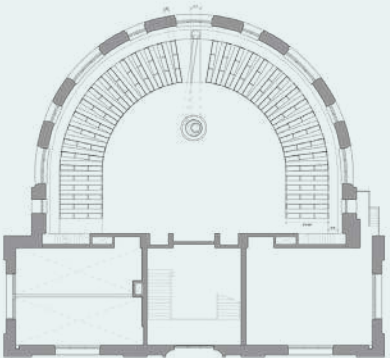
1st floor rcp



2nd floor rcp



1st floor plan



2nd floor plan

float living

浮

The modern residential design is for those families who work together as a community. The space is open but intimate for modern families.

"浮"是为在家中工作的年轻家庭所设计的现代住宅。
整个空间互动性很强，并提供了住户足够的私密空间和工作空间。

居住空间

RESIDENCE



浮

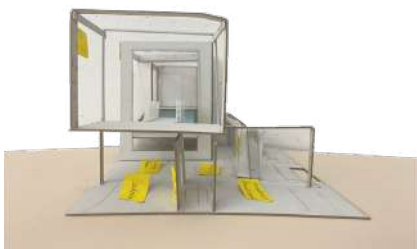
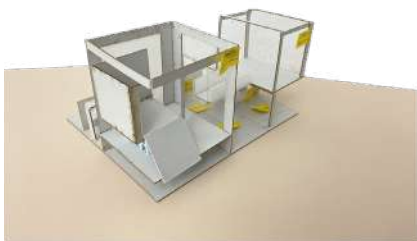
float living

40 floating concept

悬浮概念



The floating living is to design a 900 sq2 two levels living space in downtown Brooklyn for an intergenerational family of four. Opening up the floor to make a loft space on one side enables me to introduce two floating boxes for the parents and daughter.



RESIDENCE|

| FLOAT LIVING



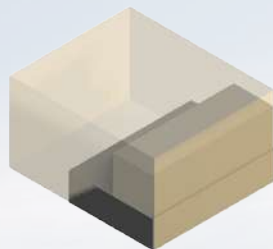
commercial floor

居住空间 |

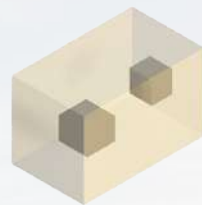
42 space planing

空间规划

space

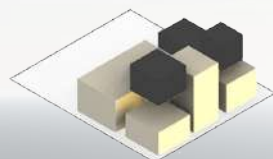


concept



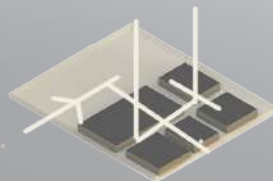
private
floating boxes

program



private
public

circulation



This type of living is a new living style, which creates different living experiences with different levels of privacy and sense of intimacy.

RESIDENCE

| FLOAT LIVING

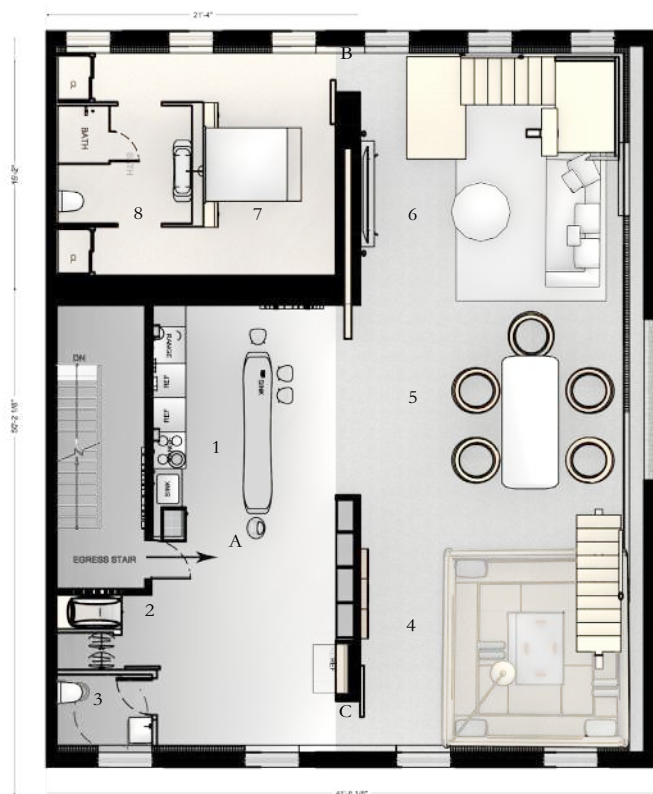


first floor - sydney's public kitchen & living room

top: living room & dining
bottom left: sydney's public kitchen
bottom right: living room1

44 public space

公共空间



- 1. sydney's public kitchen
- 2. public closet
- 3. public bath
- 4. living room1
- 5. dining
- 6. living room2
- 7. grandma's bed
- 8. grandma's bath

A. public entrance
B. moving partition for more privacy when there's class in sydney's kitchen
C. private entrance (when B is closed)



46 private boxes

私密空间

box 01

second floor - bedroom

top: parents' box with a walking closet
bottom: daughter's box

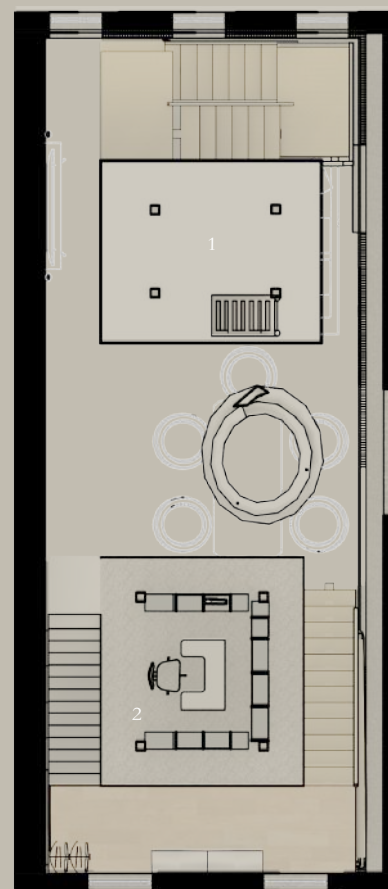


- 1. daughter's bedroom
- 2. parents' bedroom
- 3. parents' bath
- 4. parents' walking closet

box 02

third floor - study & play

top: father's study
bottom: view from the top floor

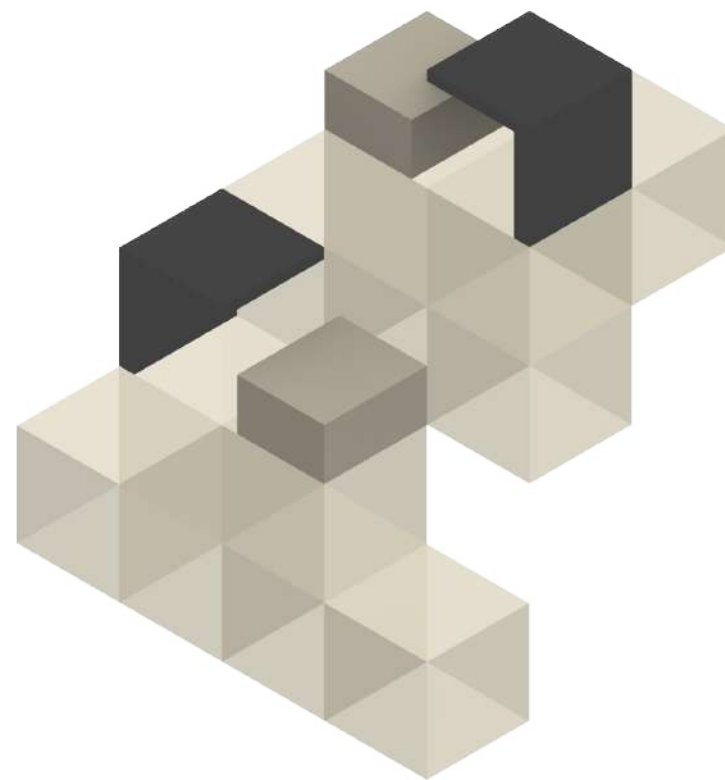


- 1. daughter's play
- 2. father's study

Beyond the Cube

叠

The project, Beyond the Cube, tries to improve the atmosphere of the library and allows students to have their own moments with books. The librarians can customize the cube units to build programs by themselves based on the given options. This modular design is supposed to provide people who use the space more efficiently with flexibility.



“叠”是为图书馆项目定制的灵活的积木化设计。

立方体和正方形是积木化设计的核心形态，图书馆员可根据馆内情况合理利用不同的模块化单元去组装和设计适合自己馆内情况的陈列方式，并且通过利用这些模块可以有效的节省和利用空间。

与传统图书馆不同的是，所有的阅读活动都在每一个立方模块里进行，这给读者们提供了在大空间里属于他们自己的小世界。不同的阅读体验和有效合理的阅读空间会吸引更多的人在图书馆内读书，这也正是图书馆的意义所在。



图书馆积木化设计

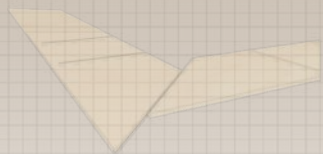
EDUCATION

beyond the cube

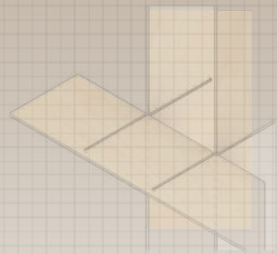
50 how it works

模块化设计

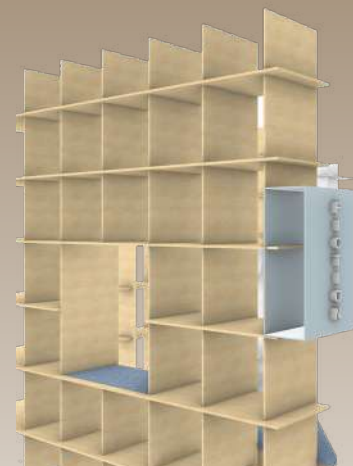
what can wood panels do?



miter joint
(corner)

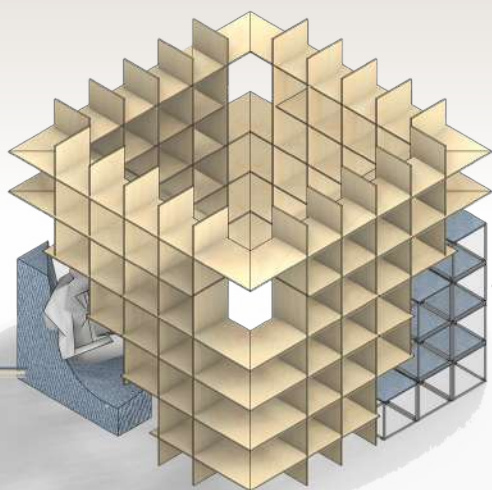
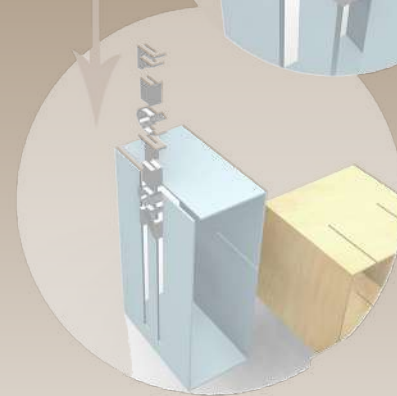
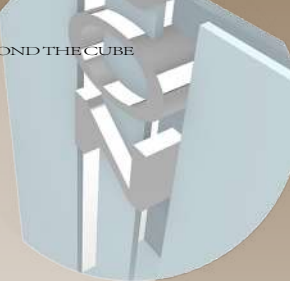


interlocking joint

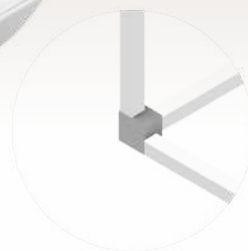
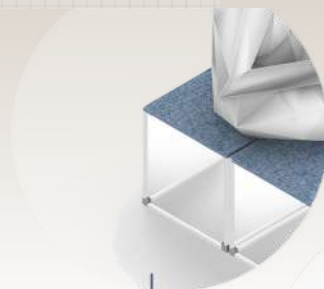


category box

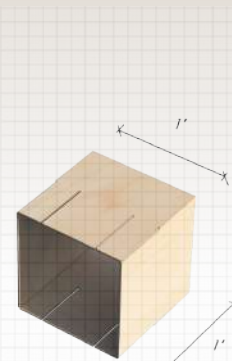
| BEYOND THE CUBE



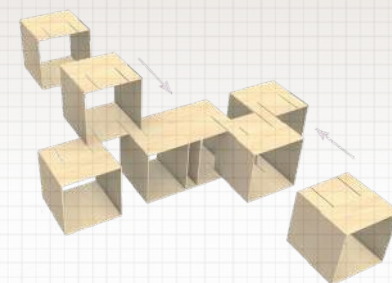
swivel plate



rubber connector on steel legs



individual unit



customize & assembly

what can 1x1 cubes do?

52 online customize

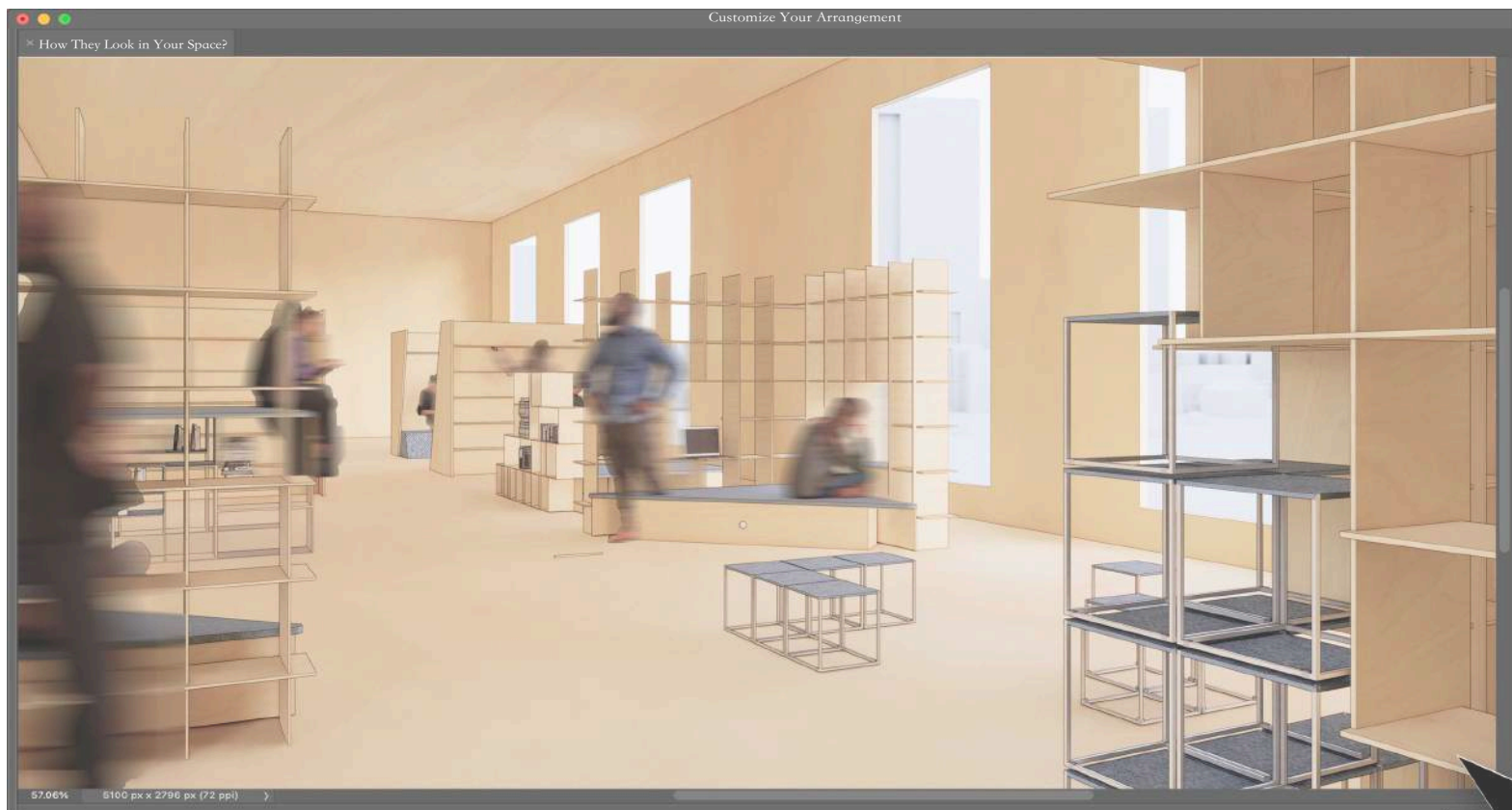
线上定制模块

| BEYOND THE CUBE



01

customize your modules



02 *customize category box*



03 *customize your arrangement*



SEXONE

sexone focuses on women's sexuality and sexual desires, this topic is also considered as a taboo no matter in which countries and cultures, and it also highly relates to women's mental and physical health.

“食色性也”不仅为女性提供了全新的性体验空间，同时打破社会对女性性需求与性健康的传统偏见，从而完善对相关身心健康的认知不足和传统体系。

食色性也

女性保健

HEALTHCARE

sexone

食色性也

56 from products to space

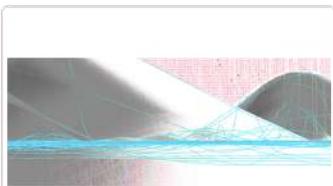
产品设计

mat [®]
your new mate

mat mate is a smart mat that provides technological solutions to address women's sexual needs, which publicize the product within a patriarchal world.



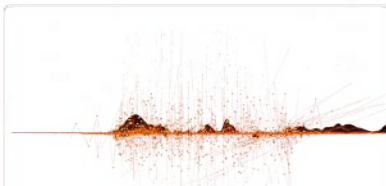
what sensors perceive and receive?



brain wave



emotion



heart beats

how it works?



locate by grids



work by grids



temp/color

HEALTHCARE |

learn

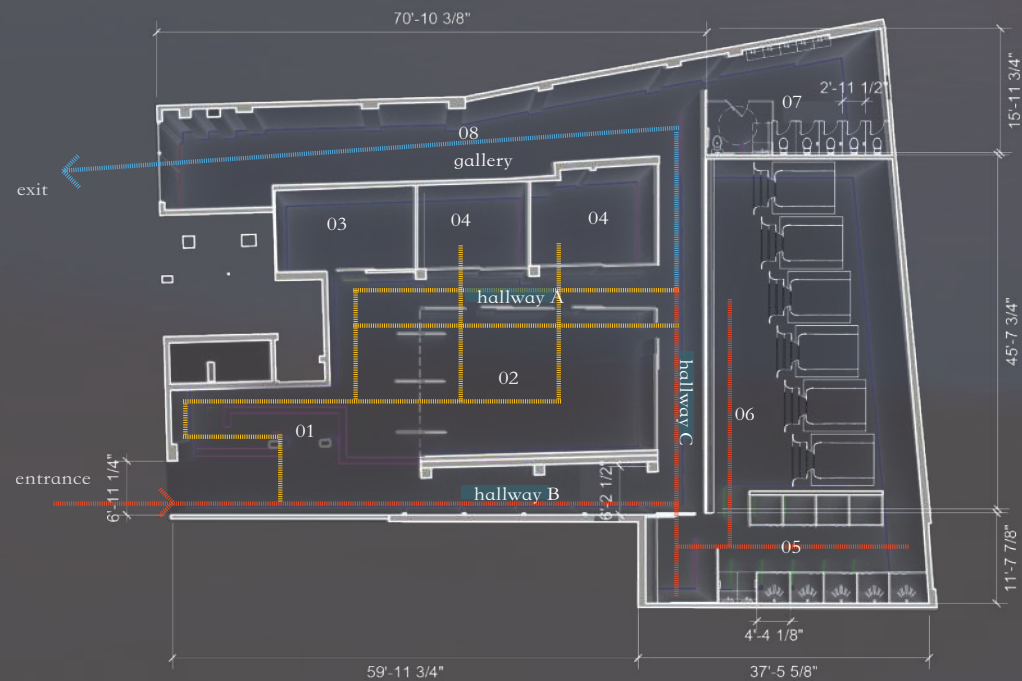
60 zoom into the space

地理位置
与空间规划



- 01. product store
- 02. garden
- 03. tech office
- 04. group therapy room
- 05. get ready room
- 06. experience space
- 07. public bathroom
- 08. gallery

- product/public activities
- private experience
- shared circulation to leave

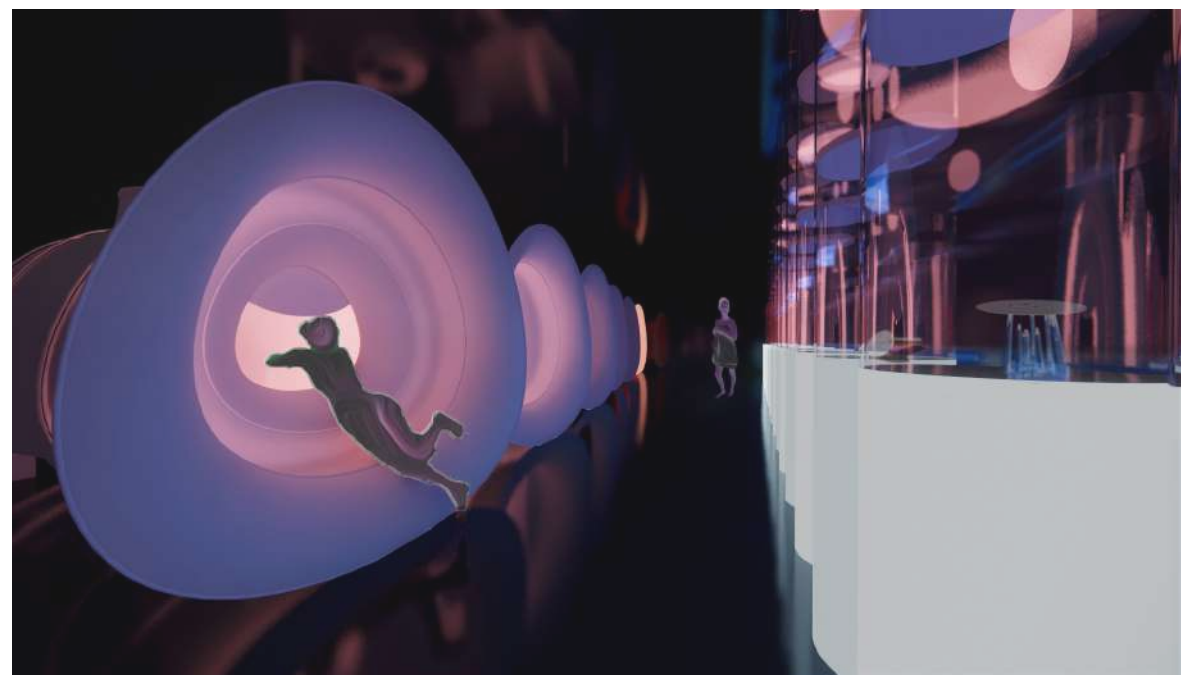


62 the "cavity"

从产品到
私密空间



advertising



The "cavity" is the space that meets women's sexual needs and provides special experiences for them to relax and enjoy.

Users would also select their products that are kept in the product gallery on the right before entering the "cavity".

女性保健 |

interior modes

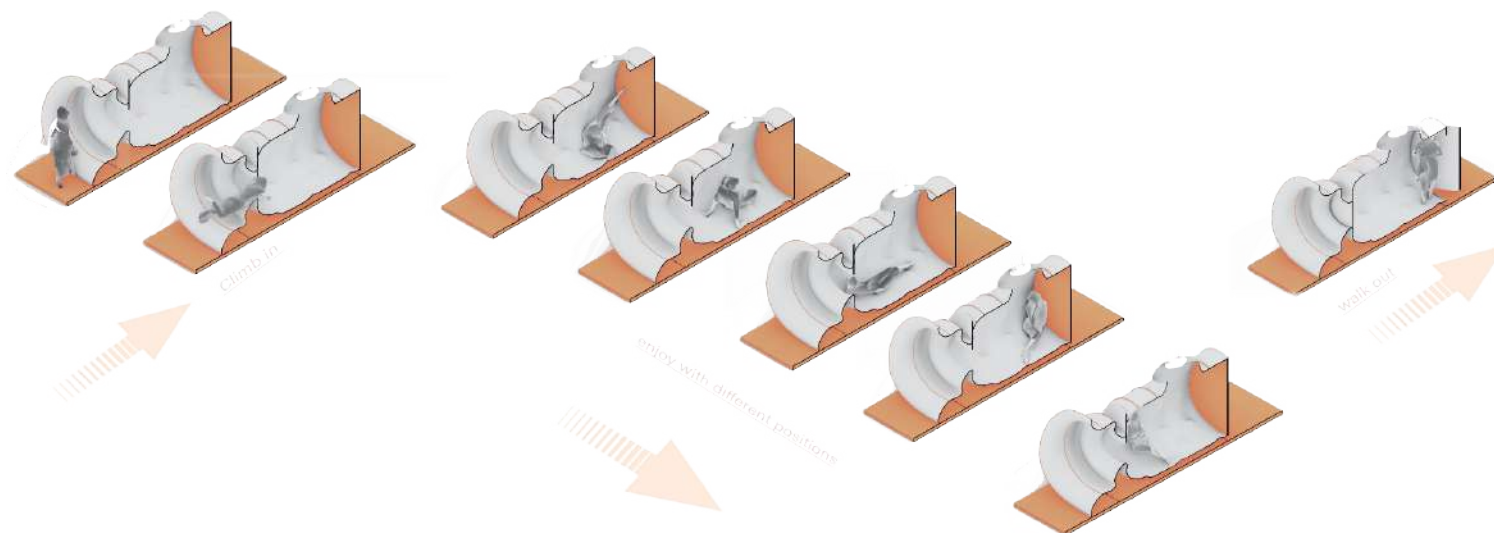
process & positions

Users crawl into the space from openings in the front.

They enjoy their own time with different positions.

They can leave by walking out the cavity from the back door, so the cavity has dual-entrance, which is also wheelchair friendly.

The back door is also convenient for management and cleaning processes.



64 the "cavity"

私密空间

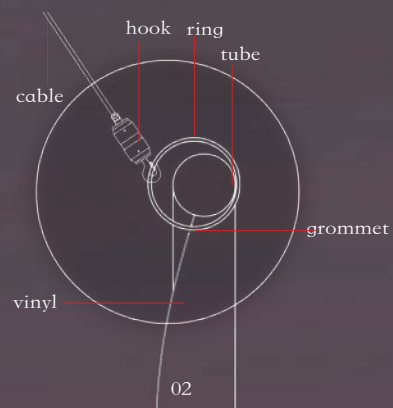
The topographic bumps have little holes on them, which can do sucking, blowing, and massaging for different parts of the body. The temperature can also be adjusted.

66 how it works

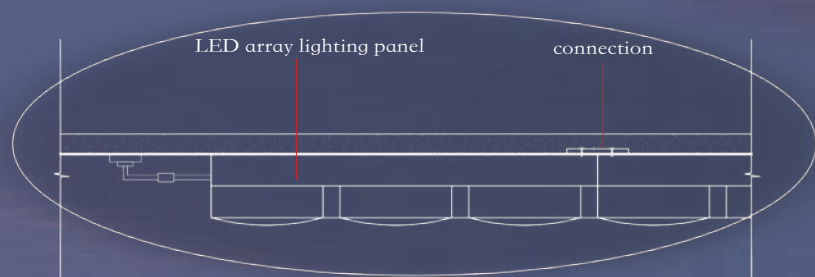
私密空间
细节、构造



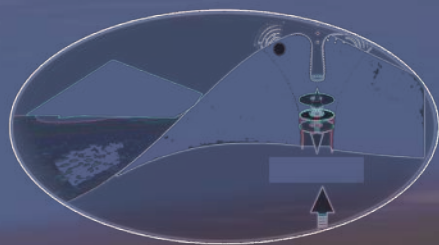
01
cable holder
cable



hook ring tube
cable
vinyl
grommet
02



03
LED array lighting panel



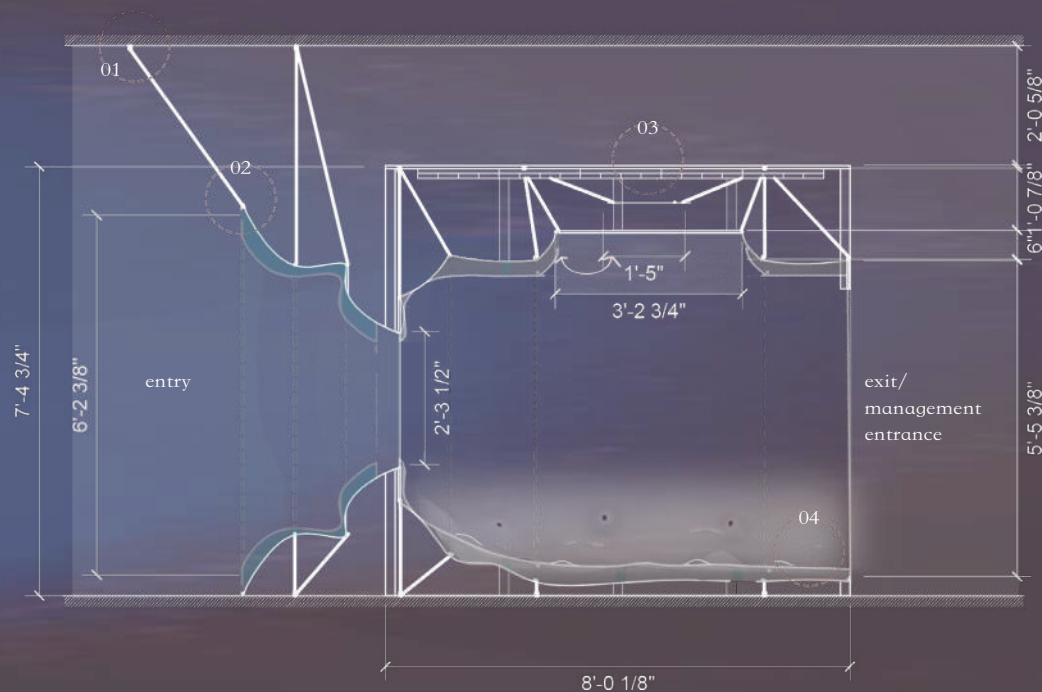
04
sonic sucking&vibrating



section B



plan



section A

68 public space

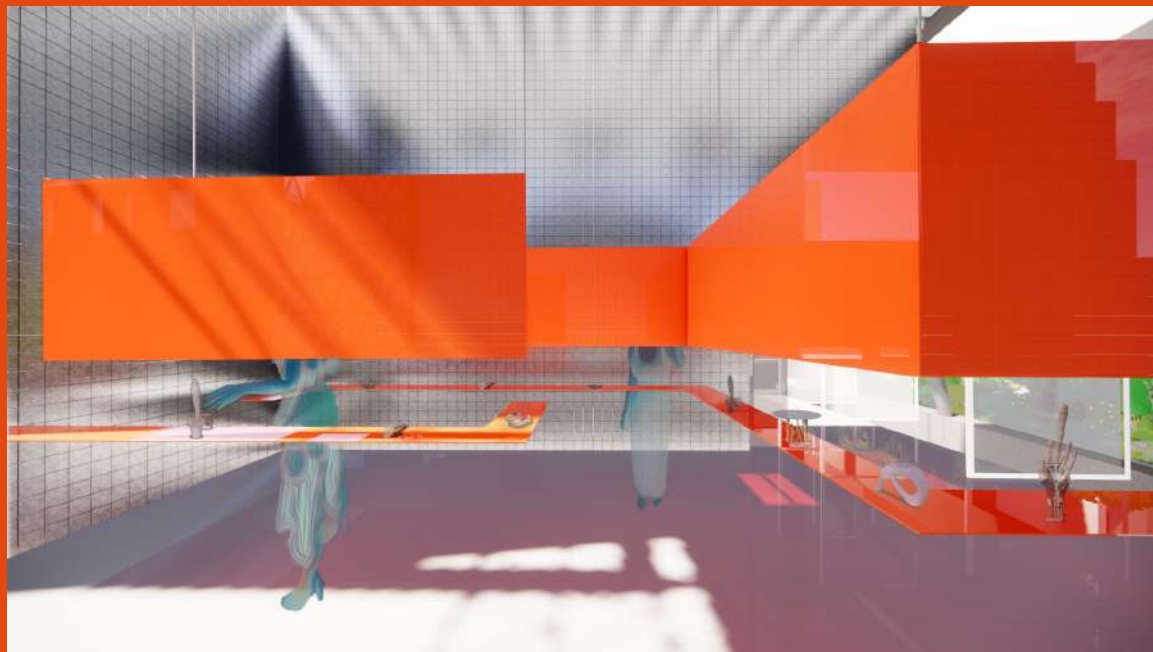
公共空间

left: product store

right top: storefront

right middle: public hallway (watching towards the interior garden)

right below: view from the entrance



A stool

角

A Stool
is a redefined stool with
completely different back
support and structure than
other stools. The power
of the complexity and
uniqueness are embodied
by its simple but speical
form,
structure,
and details.

“A Stool”

是一把被
与众不同的靠背和结构
所重新被定义的凳子。
它的复杂性和特殊性通过它
简单并独特的
外形
结构
和细节
一一体现

copyright: puzhen gao
© 版权所有：高朴真

A stool

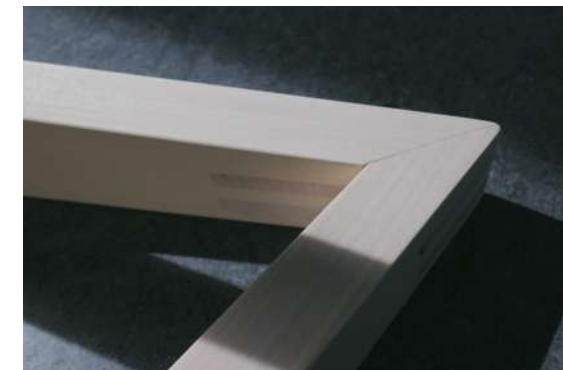
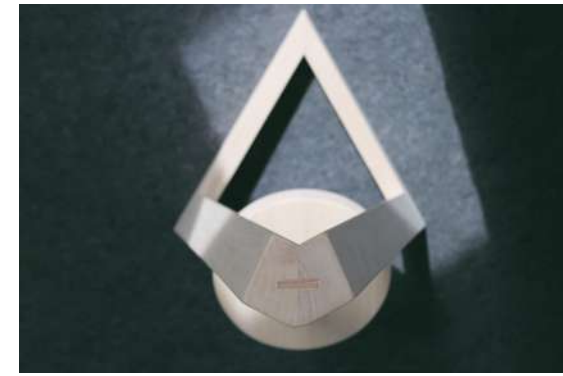


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the
main
concept of
“A Stool” is actually
an abstract description
of designer’s personalities.
I am a person who is a little
indifferent and aggressive on the
outside, but I’m light and warm inside
actually. Similarly, “A Stool” looks fragile,
aggressive, and uncomfortable because of its
unique structure and looking. However, it gives one
a feeling of contrast because it’s surprisingly sturdy and
comfy than it looks which were fulfilled by the perfect angles
and dimensions. So don’t be fooled by everything’s looking.....



“A Stool”外形和结构的
设计理念与设计师的性
格如出一辙。A Stool
尖锐且有力量的外形结
构很难给人带来足够的
安全感和舒适感。但它
总能带给勇于尝试它的
人惊喜。这种反差感是
同样可以从接触一个外
表看似带刺冷漠的人后
发现她内心火热且细
腻。A Stool 把这种从
设计师性格中延展出的
反差感通过它的外形和
舒适性完美展现。所以
不要仅因事物的外表下
定论。



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