



Royal College of Art
Postgraduate Art & Design

Forgotten Corners

Platform - Nonterior
Yingxi Qian

**Create an intimate ballroom
for single elderly people at
the Beacon Center.**

Visit Eastbourne Local Residents



Jim&Eve
Local Eastbourne Residents

"

We have some single friends
our age and they find it difficult
to meet anyone.
Other than Shades cafe for a
cup of tea, there is not much for
them to do in the centre.

"

Pitch Deck



Insight
Problem Of Seniors



Key Quotes & Trends
Concept

Narrative Model



Community



Hellen
Local Eastbourne Residents

"

Eastbourne has become the first place in the UK with a population whose average age is over 70.

"

Steve Doughty, 2013
"It's Old Eastbourne: Seaside town first place in country with average age of more than 70",
THE DAILY MAIL
accessed 17 October 2021

Place



Holywell Tea Chalet
East Sussex/Eastbourne

"

Some locals believe that if you drink the water from the Holywell in Eastbourne it will improve your health and make you live longer.

"

Jacob Heath, 2021
"Eastbourne's Holy Well: The stunning natural spring most people have never heard of",
Sussex Live
accessed 20 October 2021

Sustainability



Limestone
Chalk Sea Cliffs/Eastbourne

"

Eastbourne's chalk sea cliffs are made from limestone. Limestone is a smart choice for long lasting building materials, as it is highly durable.

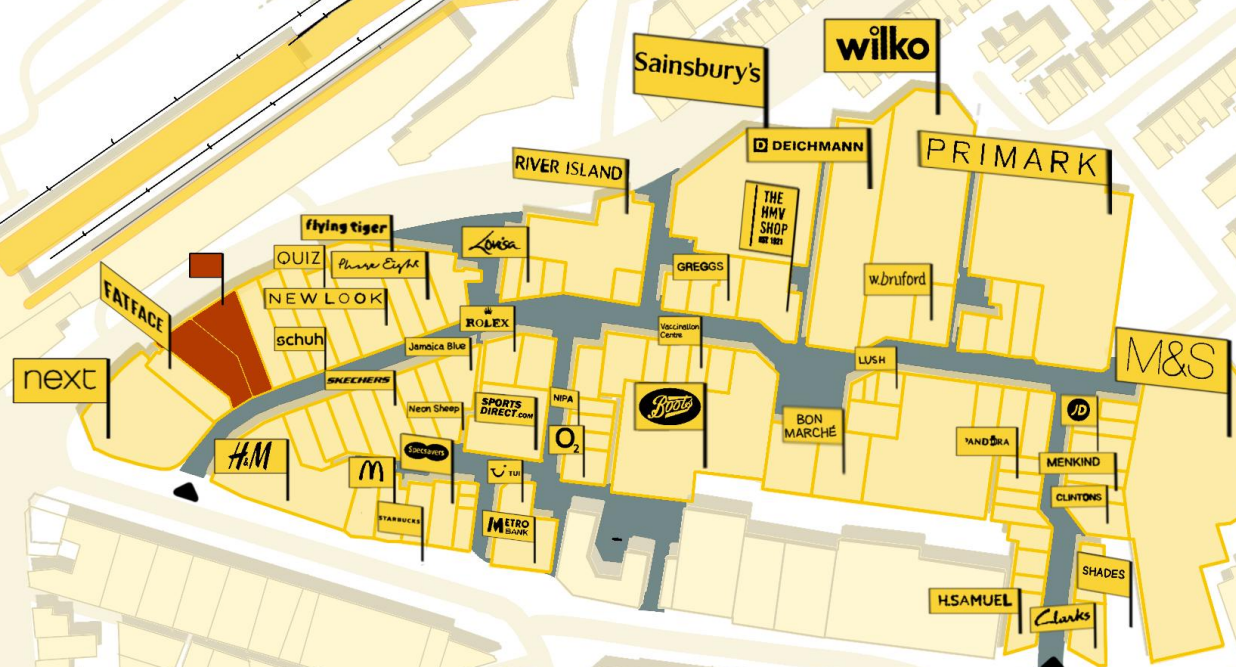
"

The Geological Society,
"Chalk cliffs, Sussex",
accessed 20 October 2021

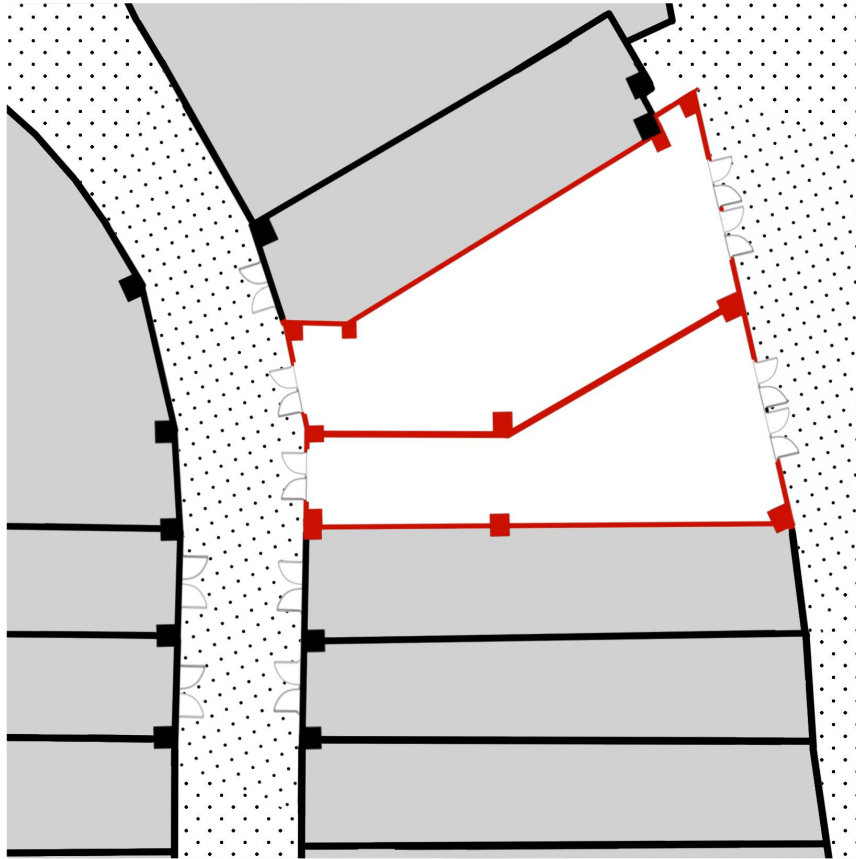
Narrative Model
Detail



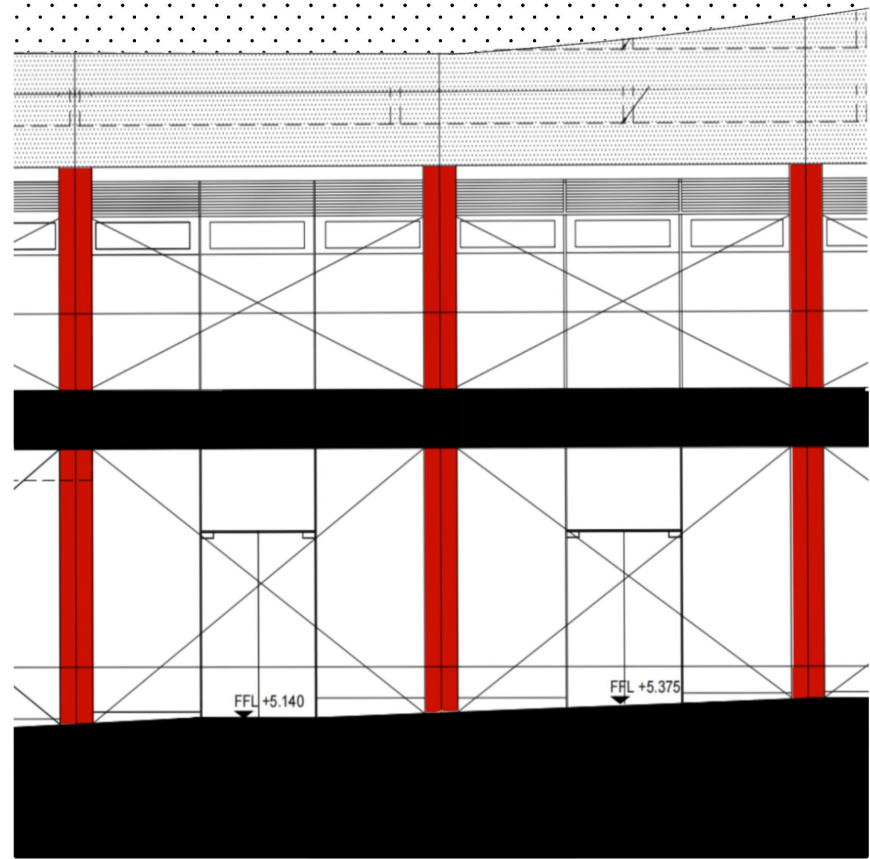
Site Analysis



Site Analysis
vacant rental unit



acreage: 698.5m²



height: 10285mm

Site Analysis



- ① limited natural light
- ② complex structure
- ③ lots of space

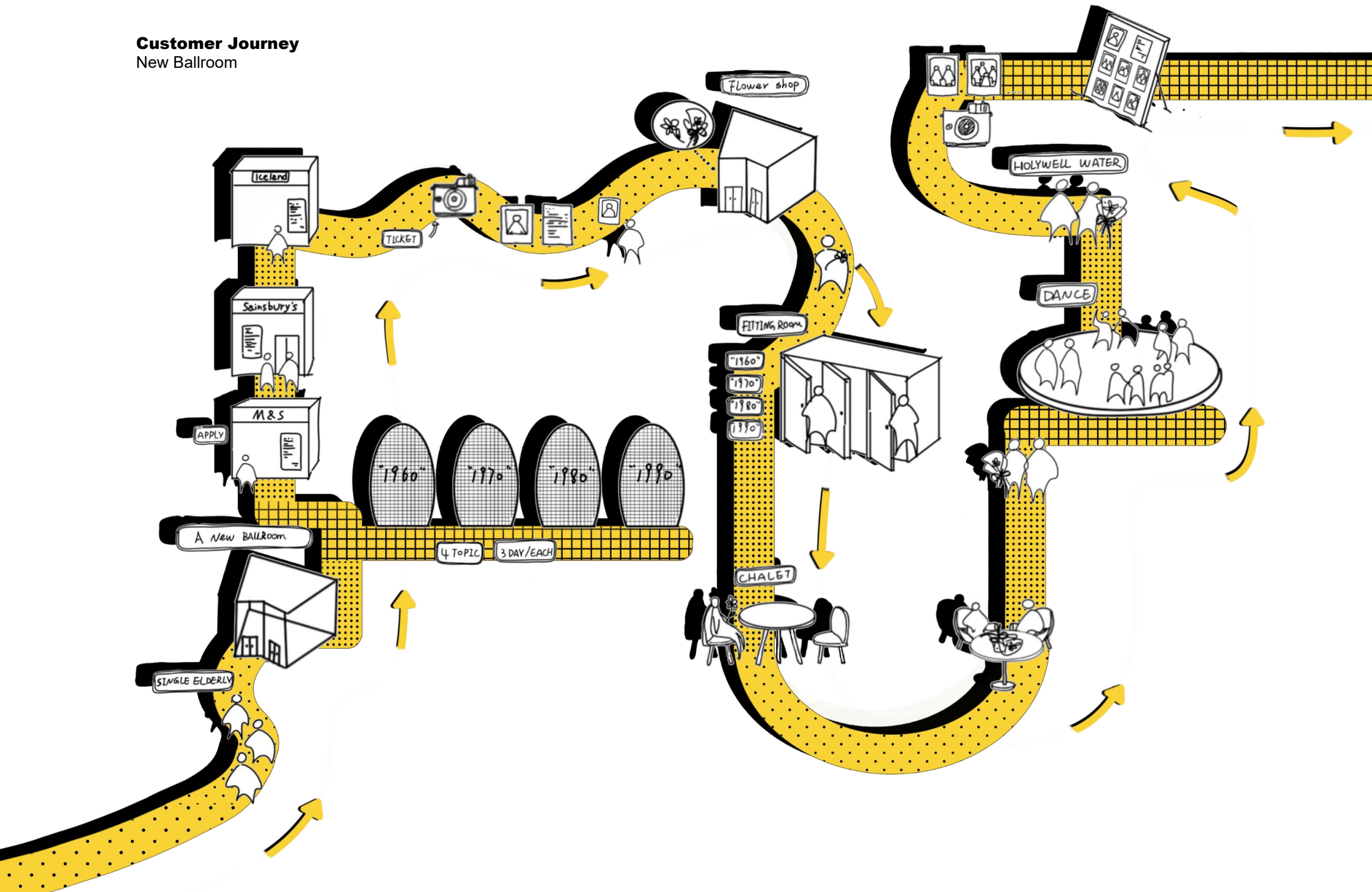
shop	public space	vacant shop	street	buildings
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Concept

An intimate ballroom to encourage intimacy

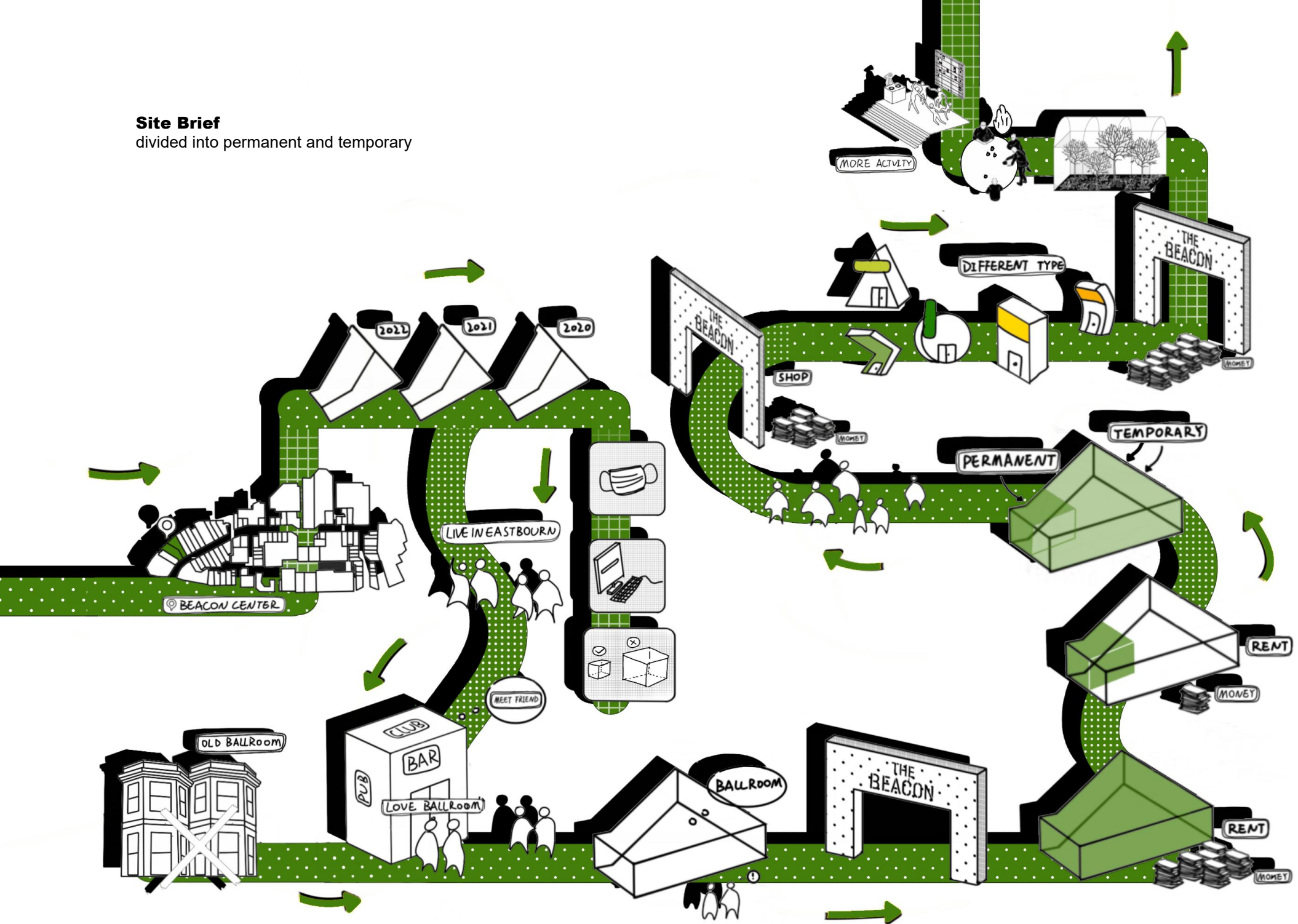


Customer Journey
New Ballroom

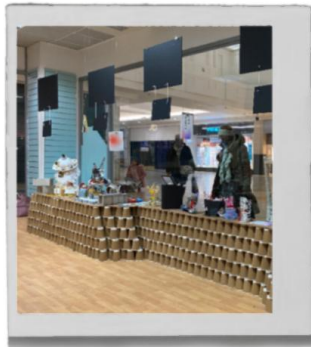


Site Brief

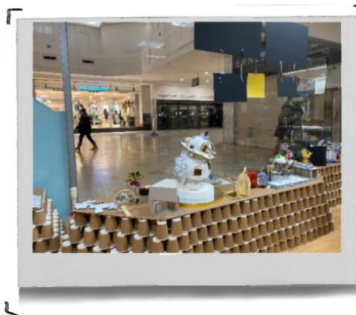
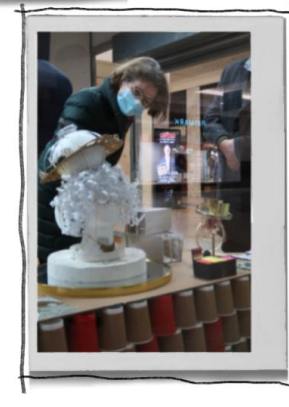
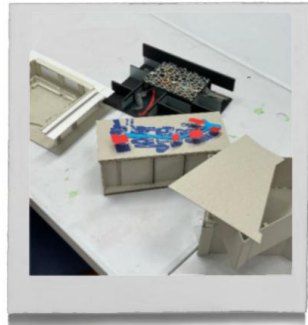
divided into permanent and temporary



Eastbourne Journey



IN BACON CENTER -

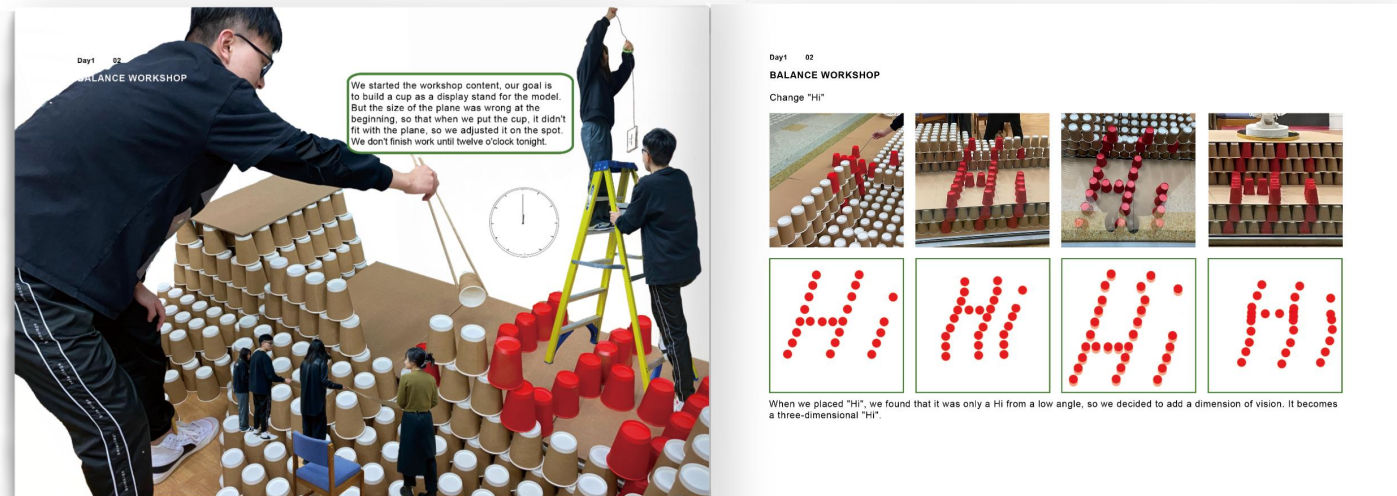


Eastbourne Journey

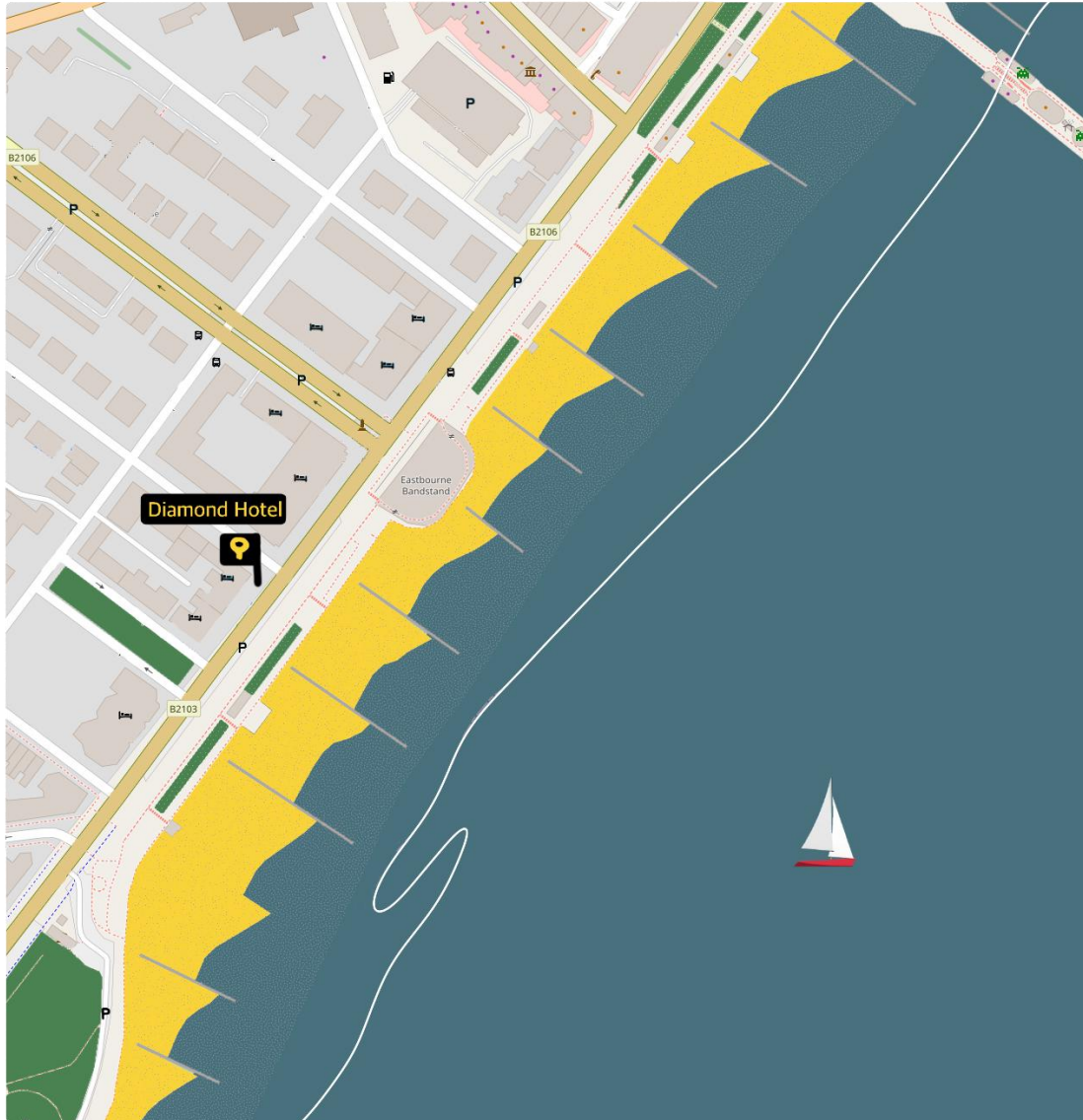


hold an exhibition
attracted a lot of people

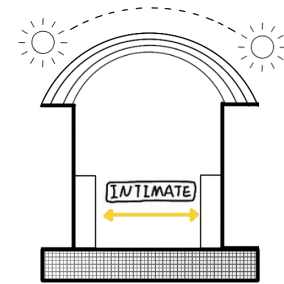
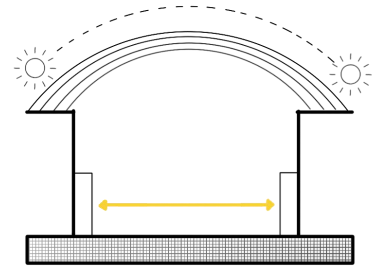
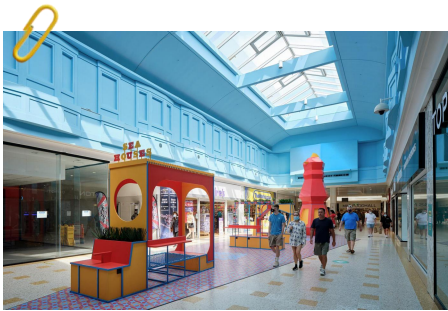
set up a studio
at beacon center



Eastbourne Old Ballroom
"Diamond Hotel"



Shopping Arcade



Ergonomics For Elderly People

target audience

①

The entrance should be modified according to the different movement patterns of the elderly.

1200, 515, 1030, 1500, 665, 1330, 1800, 815, 1630, 2100, 965, 1930, 1500, 815, 515, 1000, 820 clear opening.

②

The structure of the door frame makes it difficult for the elderly to pass smoothly. Use the undulations of the slope to solve the slope to solve.

1:4

156, 136, 96, 168, 180, 164, 70, 28.

Survey the average height of older adults to determine the highest and lowest positions they can reach. Ergonomically determine the height of the console table height of the console table.

③

Elderly people will use scooters, so the distance of the passage needs to consider the travel space of the scooter. Make sure there is enough space to pass.

690, 645, 750, 900.

④

43-45, 70-75, 80-85, 90-92, 70-75, 100-105.

⑤

The design of stair steps needs to consider the safety of the elderly.

150

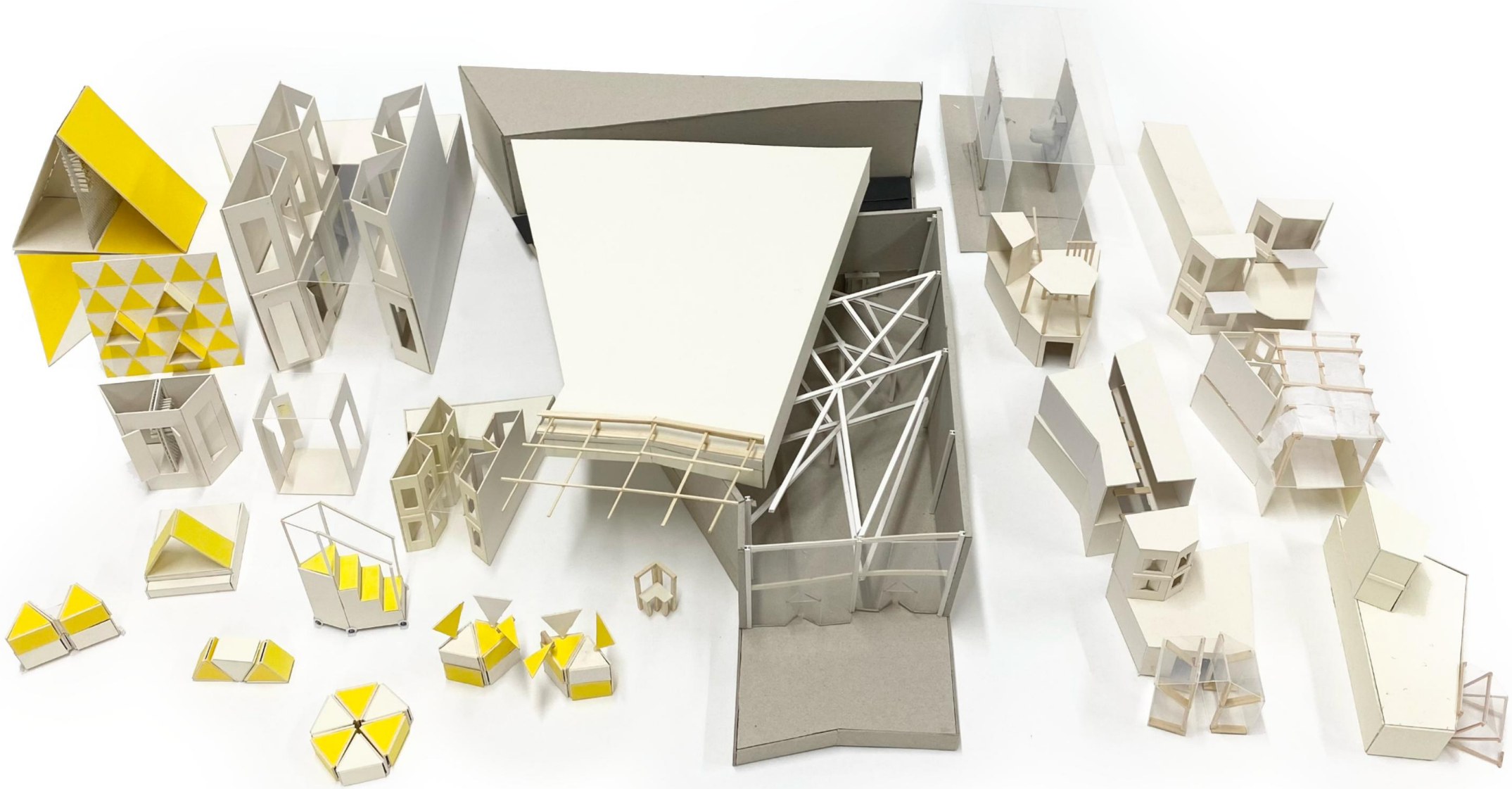
⑥

Handrails can assist the elderly to go up and down stairs. The different shapes of the armrests will affect the safety of the elderly and need to be suitable for the size of the hands of the elderly. Round and square can better ensure the safety of the elderly on the stairs; ensure the safety of the elderly on the stairs.

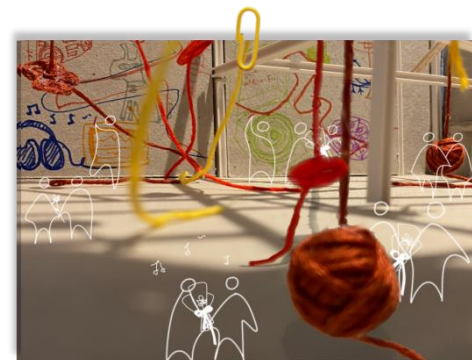
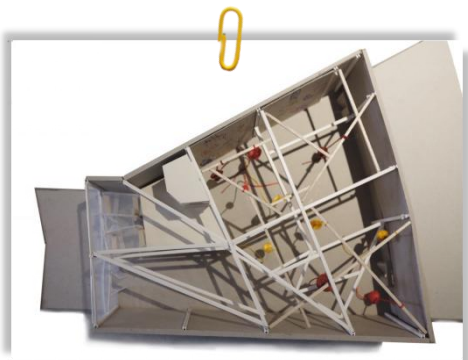
300

Development Model

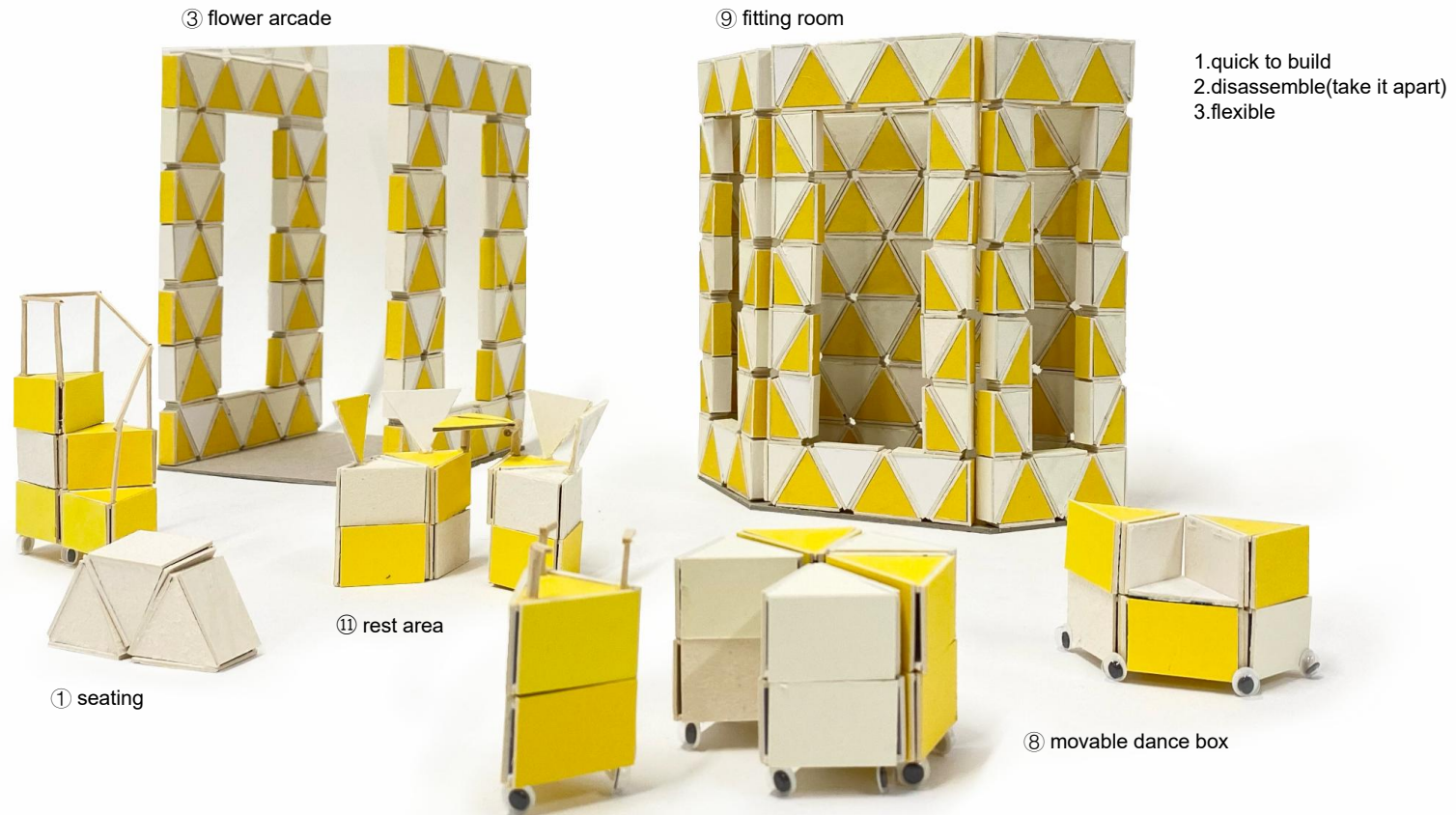
detail model, site model, building model



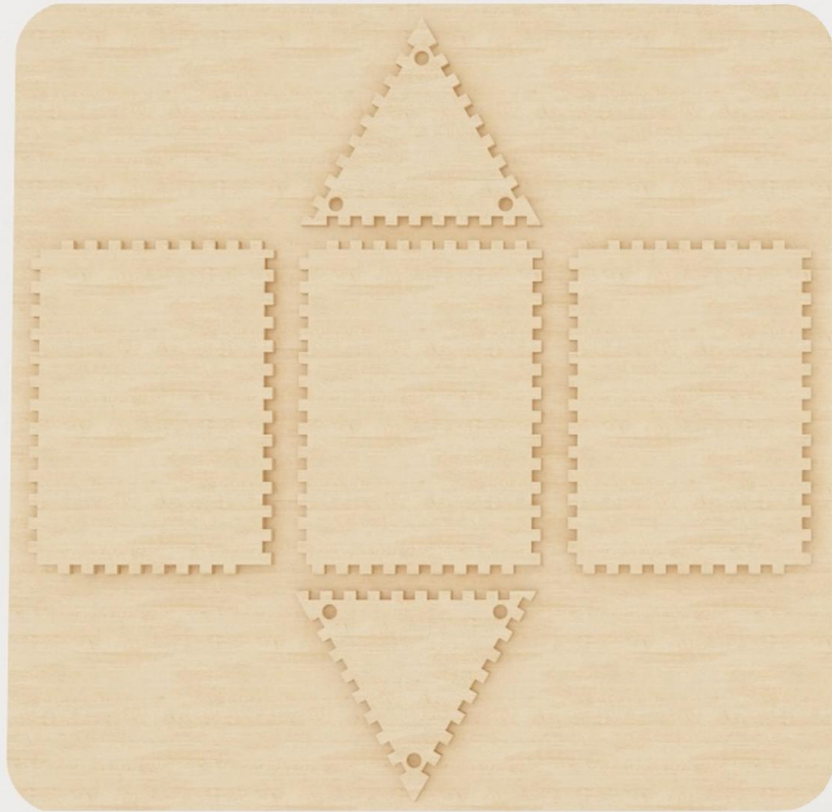
Development Model



Design Strategy
modular



Design Strategy
modular

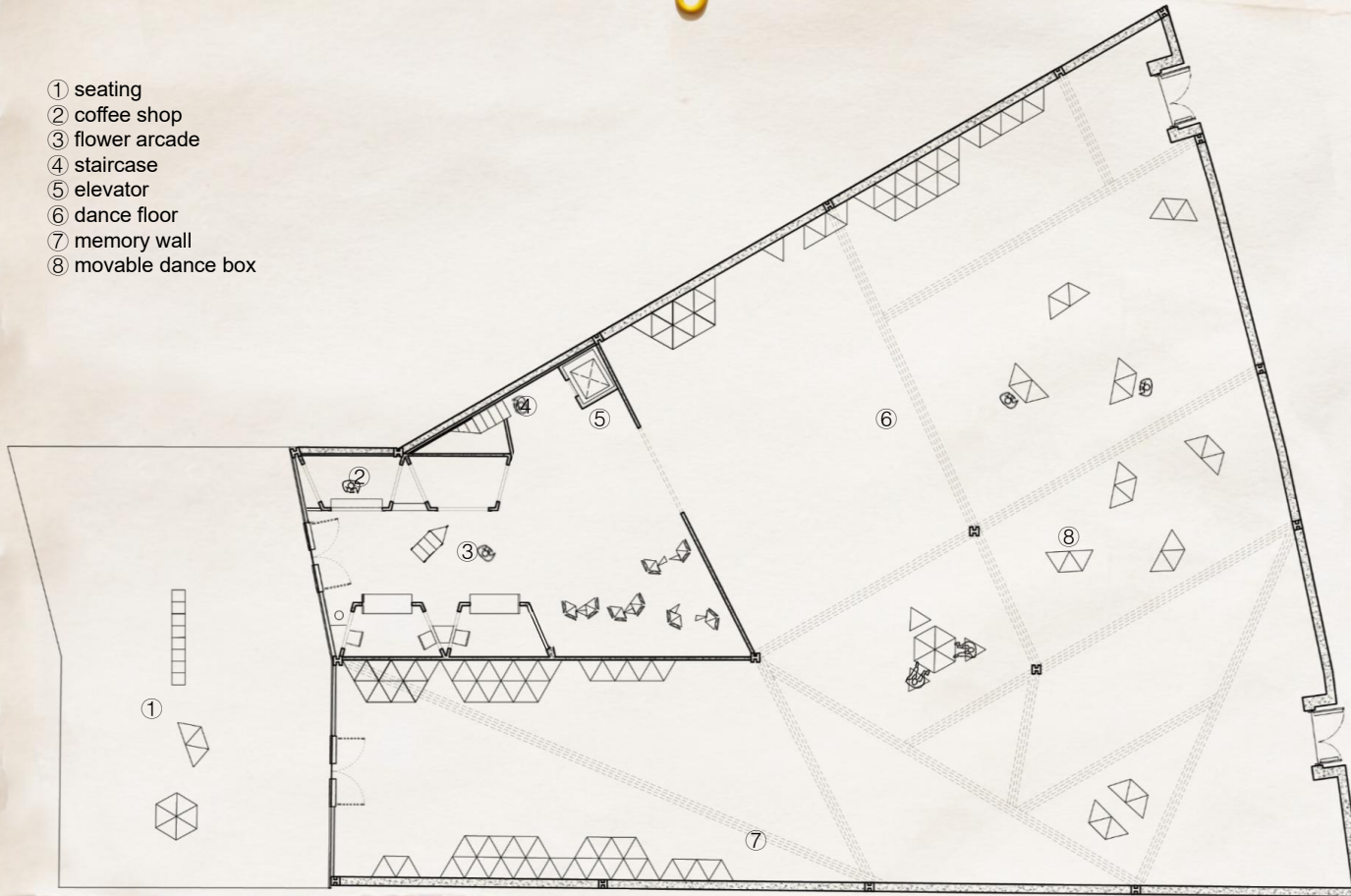


CNC cut wood joinery



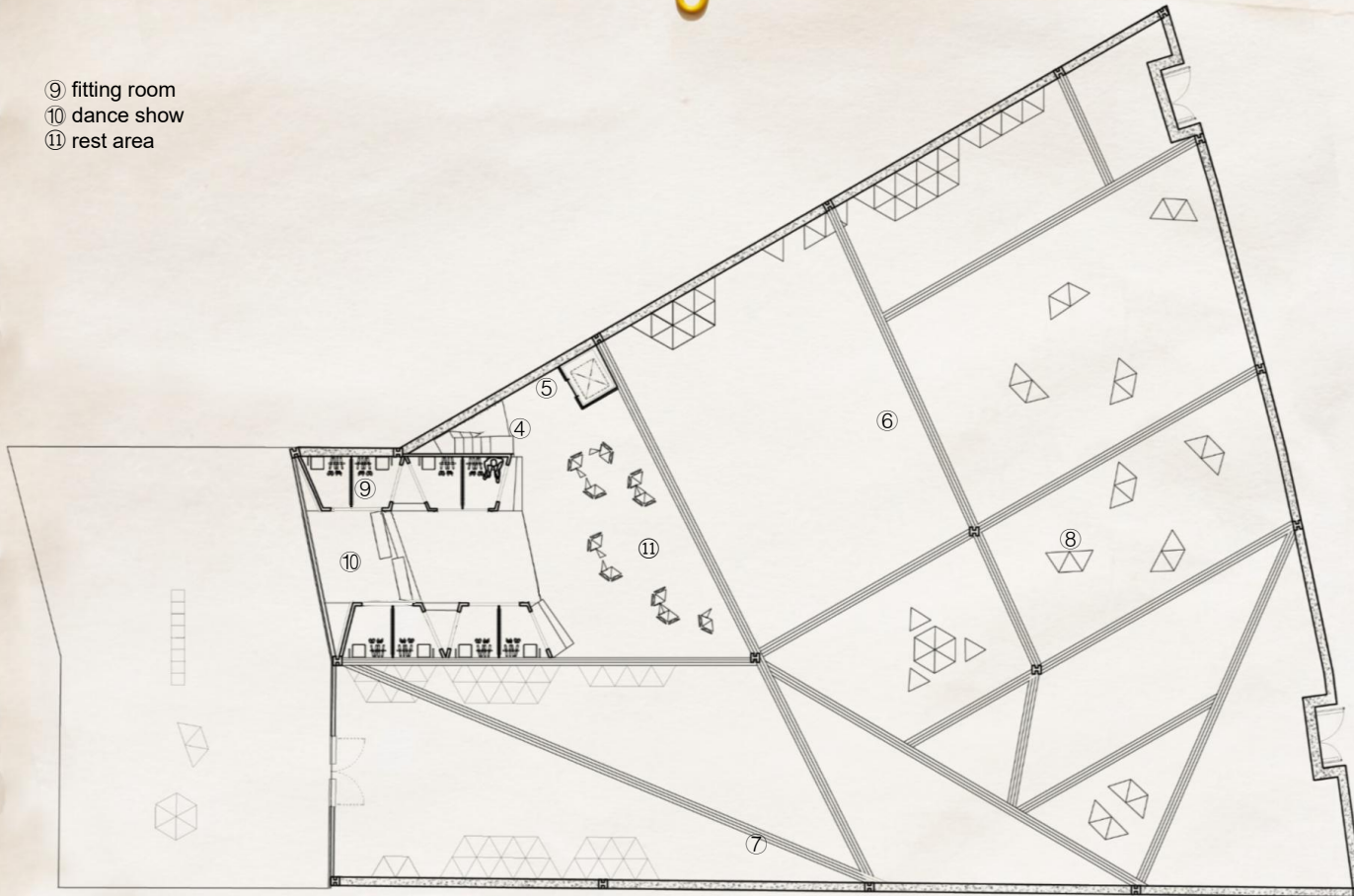
Plan
Ground Floor

- ① seating
- ② coffee shop
- ③ flower arcade
- ④ staircase
- ⑤ elevator
- ⑥ dance floor
- ⑦ memory wall
- ⑧ movable dance box



Plan
First Floor

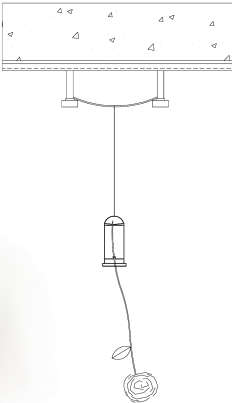
- ⑨ fitting room
- ⑩ dance show
- ⑪ rest area



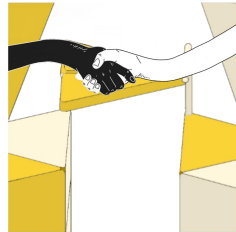
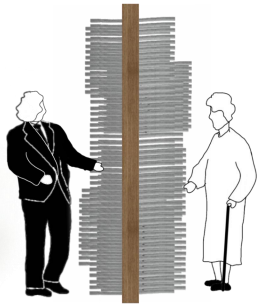
Seating
"watching"



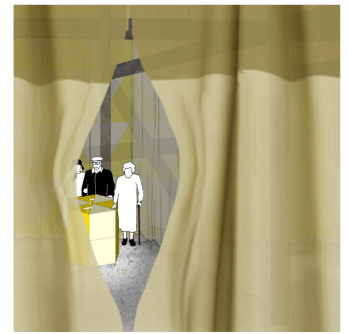
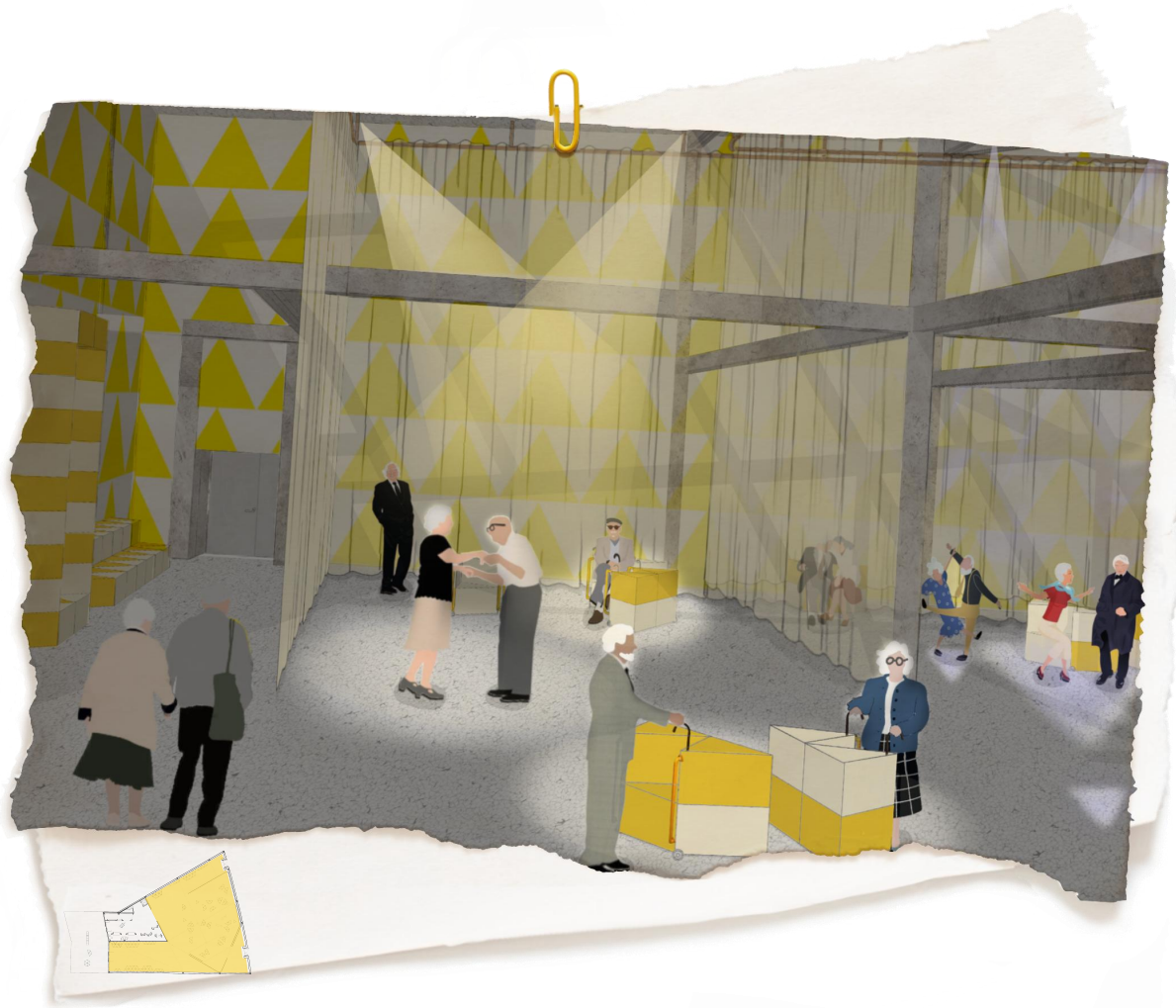
Flower Arcade
"smell"



Fitting Room / rest area
"touch"



Dance Floor
movable dance box
"light"- "shadow"- "flexible"



Dance Floor
movable dance box
1:1 Model



Dance Floor
flexible curtains

