



38 40

SOUTH BRIDGE ROAD

## ~History of Shophouses~ ショップハウスの歴史

Early Shophouse (1800-1850)	Mid Shophouse (1850-1900)	Modern Shophouse (1900-1950)	Shophouse with Arcade (1900-1950)	Shophouse with Balcony (1900-1950)	Shophouse with Terrace (1900-1950)
<p>Early shophouses were built on narrow lots and were often two stories high. They typically had a ground floor for retail and an upper floor for residential use. The facade was simple and functional.</p> 	<p>Mid shophouses were built on wider lots and were often three stories high. They typically had a ground floor for retail and two upper floors for residential use. The facade was more ornate and decorative.</p> 	<p>Modern shophouses were built on even wider lots and were often four stories high. They typically had a ground floor for retail and three upper floors for residential use. The facade was highly decorative and ornate.</p> 	<p>Shophouses with arcades were built on wide lots and were often four stories high. They typically had a ground floor for retail and three upper floors for residential use. The facade was highly decorative and ornate.</p> 	<p>Shophouses with balconies were built on wide lots and were often four stories high. They typically had a ground floor for retail and three upper floors for residential use. The facade was highly decorative and ornate.</p> 	<p>Shophouses with terraces were built on wide lots and were often four stories high. They typically had a ground floor for retail and three upper floors for residential use. The facade was highly decorative and ornate.</p> 



- 38 & 40 South Bridge Rd is a shophouse along South Bridge Road.

38 & 40 South Bridge Rdは、サウスブリッジロード沿いにある。

- The 38 & 40 South Bridge Rd was located in the trade center of Singapore and was used as an office for trading.

38 & 40 South Bridge Rdはシンガポールの交易の中心地にあり、売買のためのオフィスとして使われていた。

- it was rebuilt in 1950 with 4.5 stories of RC.

1950年にRC造4.5階建てで建て替えられた。

- It's an area where traditional architecture is clustered. So we need to extend the term of the leasehold which is subject to preservation.

伝統建築が集まっている地域です。そのため、保存対象としている借地権の期間を伸ばしてもらう必要があります。

- 1980s the windows became horizontal, and the facade is equipped with steel frame glasses

1980年には縦窓から横窓に変わり、スチールフレームのガラスが取り付けられた。

## ~History of South Bridge Road~ サウスブリッジロードの歴史



- South Bridge Road is a very historic road in Singapore and is still used as a major road in Singapore.

サウスブリッジロードはシンガポールでとても歴史のある道です。

- It was very prosperous because there was a Singapore River nearby and there were three docks.

近くにシンガポール川があり、船着場が3つもあったためとても繁盛していた。

- Today, there is a confusion between what built in modern times and what was built in ancient times.

現在、現代に建てられたものと昔に建てられたものが混同している。

## ~material used in a shophouse~ ショップハウスに使われている素材



- Around 1820, it was a two-story structure made of brick and wood.

1820年初期のころは、レンガや木材を使用した二階建ての構造。

- In 1950, Shanghai Plaster was used on the faced during reconstruction.

1950年建て替え工事の際にファサードに上海プラスターを使用しました。

### [Shanghai Plaster]

This was originally green. But, it was painted to hide the stains and other blemishes that would become more noticeable over time. So now it looks like a gray wall surface.

### 【上海プラスター】

元は、緑色をしていた上海プラスターですが、汚れを隠すための塗装を施しました。

## 1 Architectural value 建築的価値

A heritage property may be significant owing to its architectural or aesthetic qualities such as: architectural features, style, character, spatial organisation, traditional and unique construction materials or techniques, decorative features, embellishments, artistic value, relationship of built environment to landscape, views and setting.

保存対象の建物は、建築的特徴、様式、性格、空間構成、伝統的で独特な建築材料や技法、装飾的特徴、装飾、芸術的価値、建築環境と景観との関係、眺望、環境設定など、建築的または美的特質によって重要な意味を持つ。

## 2 History value 歴史的価値

Important historical and mythological events contribute towards significance of a historic place

歴史的、神話的に重要な出来事は、歴史的な場所の意義に貢献する。

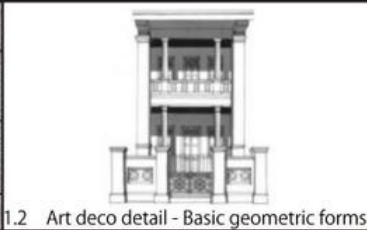
## 3 Natural value 自然的価値

Environmentally significant areas include sites of scenic natural beauty and ecologically important landscapes, such as hills, hillocks, wooded areas, forests, water bodies, riverbanks, seashores, open grounds, green areas, and cultivated areas.

環境上重要な地域には、丘陵地、高台、森林地帯、森林、水域、河川敷、海岸、空き地、緑地、耕作地など、風光明媚な自然美や生態学的に重要な景観などを指す。



1.1 Art deco detail - pilasters



1.2 Art deco detail - Basic geometric forms



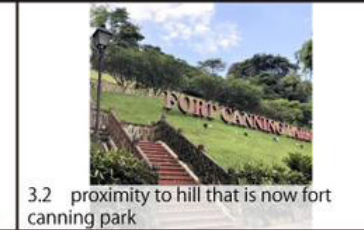
2.1 Central Business District



2.2 A secondary Harbour for British People (to storage good)



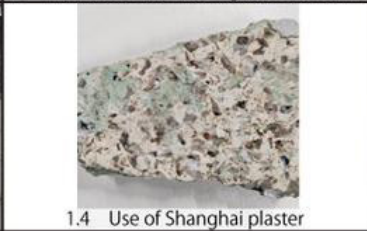
3.1 Proximity to the singapore river



3.2 proximity to hill that is now fort canning park



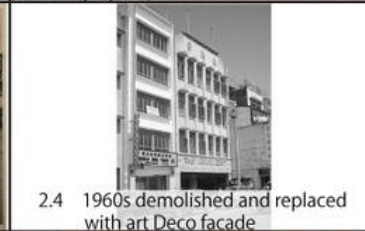
1.3 Art deco detail - Flat Sunshade with curvilinear forms



1.4 Use of Shanghai plaster



2.3 Singapore River (important trading supplier/route)



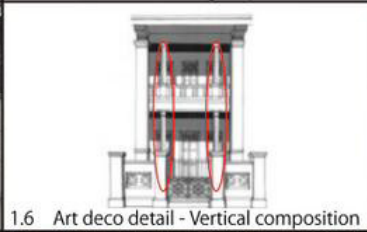
2.4 1960s demolished and replaced with art Deco facade



3.3 Views and vista from the site



1.5 Art deco detail - Use of curves



1.6 Art deco detail - Vertical composition



2.5 The flooding of the river during colonial period in rainy season (Singapore River)



2.6 in 1966 National Day Parade, the military went onto the south bridge road



1.7 Art deco detail - Flag poles



1.8 Art deco detail - Window louver



2.7 used to be the Main Street towards China Town called "Tua Poh"(大坡)



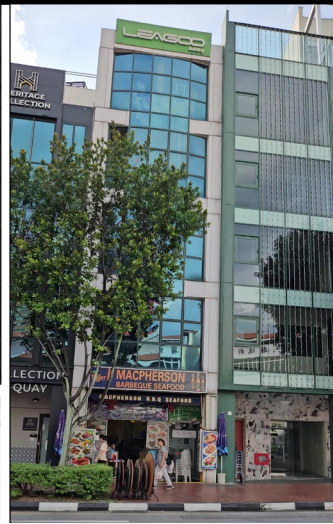
1.9 1980s the windows became horizontal, and the facade is equipped with steel frame glasses



1.10 Chinese character on the parapet

## ENERGY EFFICIENCY

- Passive design strategies to be used to improve the building ventilation rather than using aircons which are not environmental sustainable as well as sickening to see.



## LOST SIGNIFICANCE NO MORE A CENTRAL BUSINESS DISTRICT

- Only 3-4 buildings are conserved properly in this Conservation Area either by using like-like facade or keeping the same historical function of shophouses.



## LAND USE MAP



## NEIGHBOURHOOD ANALYSIS

- Most of the buildings are demolished or renovated in such a way that it cannot be recognized as Shophouse anymore.



# WHAT THEY NEEDS

# SURVEY & FUNCTION



## TOURISTS

1. Know about the history of this area
2. More local speciality souvenirs\coffee

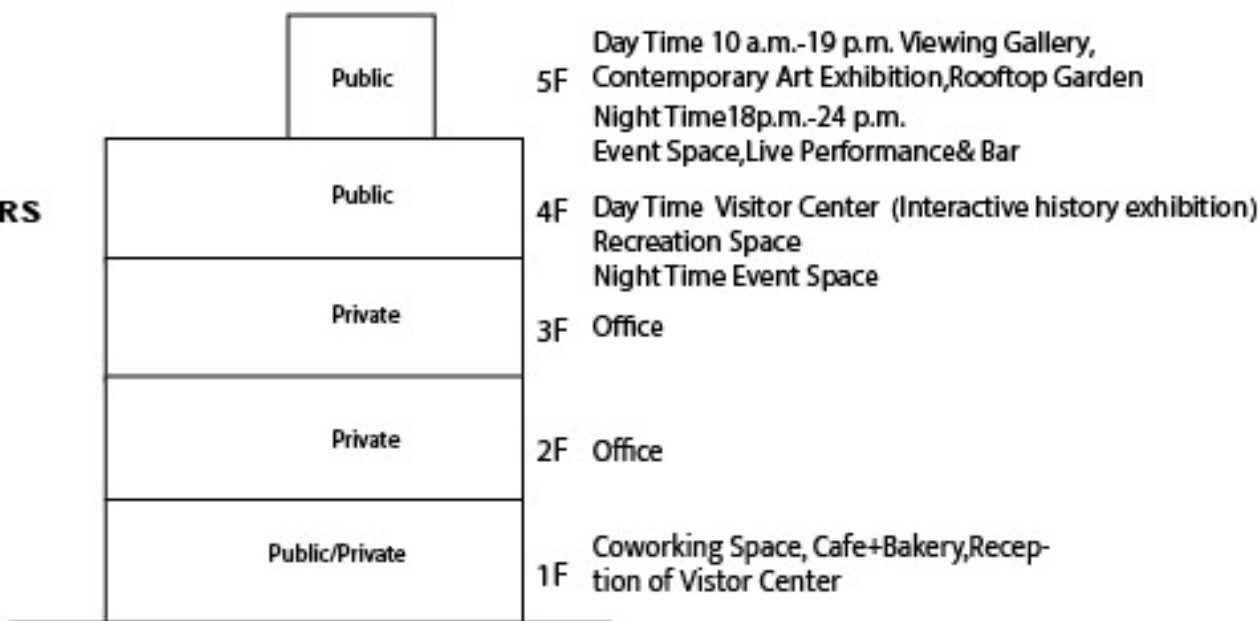
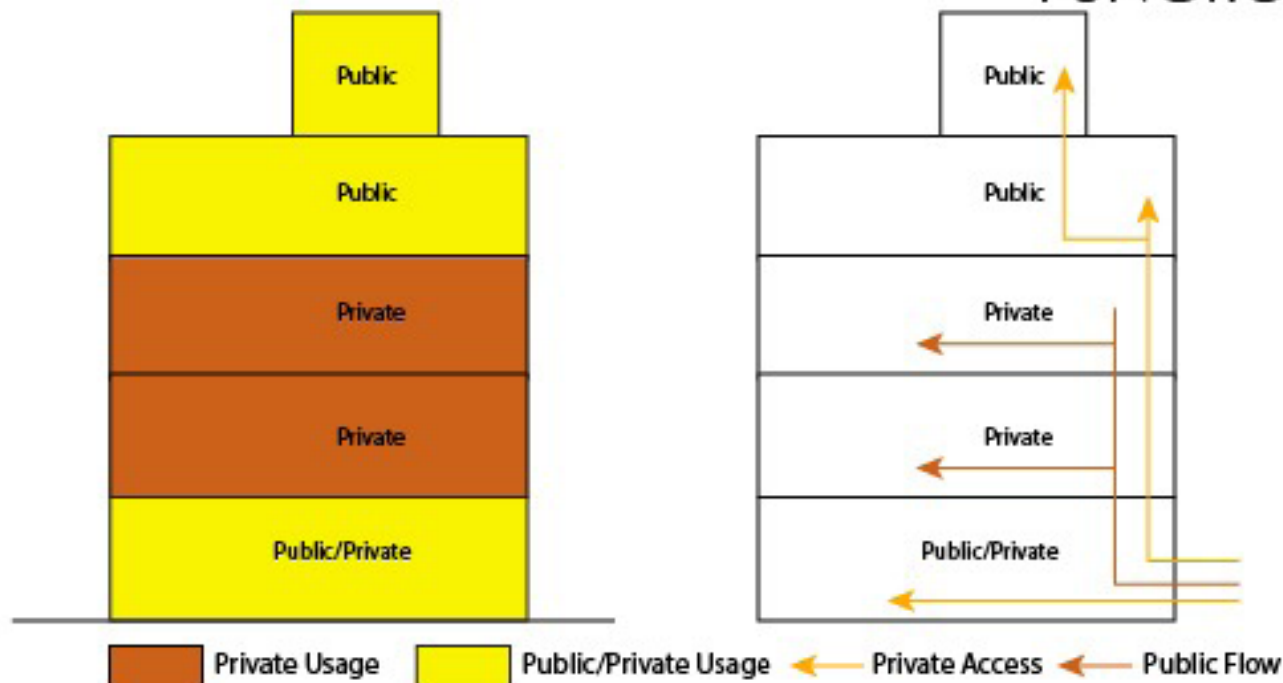
## LOCALS-SHOP

1. Resting Place
2. Provide shade



## OFFICE WORKERS LABOURER

1. A convenient and budget friendly shop



# STREET SENSE: MORE OPEN GROUND FLOOR

GF



**Reasonable Indoor Zoning**  
-Fast and slow moving lines

**Open Street Front**  
-Connect indoor and outdoor spaces with seating



**Visitor Centre**  
Interactive hub for tourists, office people, Singapore history content and art introduction content for 5th Floor



**Open the Back Side**  
-Using the space at the back of the building, outdoor facilities such as shading, tables and chairs are provided to bring vitality into the interior of the block.

# THE MUSEUM OF HISTORY ON THE TOPFLOOR

Look at the scenery & read the history

## 4F Exhibition Hall



### Light!

The introduction of natural light in the zenith not only supplements the visual brightness of the top floor, but also acts as an induction for people to explore the roof.



## 5F



The open roof provides space for various temporary activities, and a sunken seating area provides opportunities for people to sit and communicate.

## 4F



Interactive technology and immersive spatial experiences bring visitors a unique historical explanation experience, and the view of the site can remind visitors of everything.

# CO-WORKING SPACE WITH ACCOMMODATION

You can work, you can also rest.



## 3F Personal Office & Sleeping Area

Provide a separate  
office space  
separated from the  
sleeping area.

Sleeping pods can  
provide sleep  
opportunities for  
nearby workers.



## 2F Meeting Room

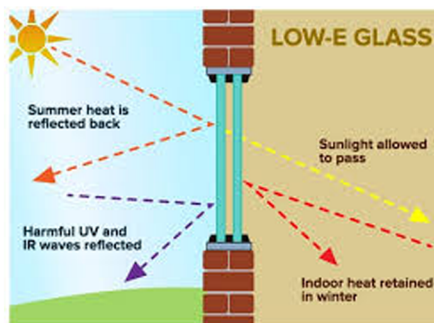


Provide rental meeting rooms for  
nearby workers.



## SMART BUILDING MATERIALS

- Low Emissivity (Low E) Glass is the key solution for both comfort and cost savings.
- It prevents unwanted heating of interiors while still allowing as much daylight into the building as possible.



## Tubular skylight

Brighten up your world

BANFU technology can work in almost any situation, bringing daylight and affording lower lighting costs during a working day in your office, factory, family, warehouse or meeting areas

Source Now

## SOLATUBE DAYLIGHTING SYSTEM

- **Installation Location:** The Solatube needs to be installed in a location where it can effectively capture sunlight. This usually means placing it in an area of the roof that is free from obstructions like trees or neighboring buildings.
- **Tube Length:** The distance between the roof and the first floor will determine the length of the tubing used. Solatubes can be customized with different lengths to accommodate various heights.
- **Light Distribution:** The design of the Solatube allows for effective light distribution, so even if the light is coming from above, it can illuminate the first floor adequately.
- **Aesthetics and Functionality:** Consider how the installation will affect both the aesthetics of the building and the functionality of the space.



## SUSTAINABLE MATERIALS

Use of local materials to reduce transportation charges  
Natural daylight entering from terrace without use of electricity

SOURCE  
<https://ssg.com.sg/products/eco-products/low-emissivity-glass/>

## ECONOMIC SUSTAINABILITY

### Office employees



### OCCASIONAL INCOME

- Entry ticket
- Souvenir Shop
- Event space



range from \$7.00 per sq ft.  
to \$14.00 psf per month

### STABLE INCOME

- Office rent



### Tourists

SUBMITTED BY:

Akane  
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