



The Hakata Station Building and Plaza and its Central Role in the Urban Development of the Hakata District, Fukuoka City

28 November 2012
Kyushu Railway Company

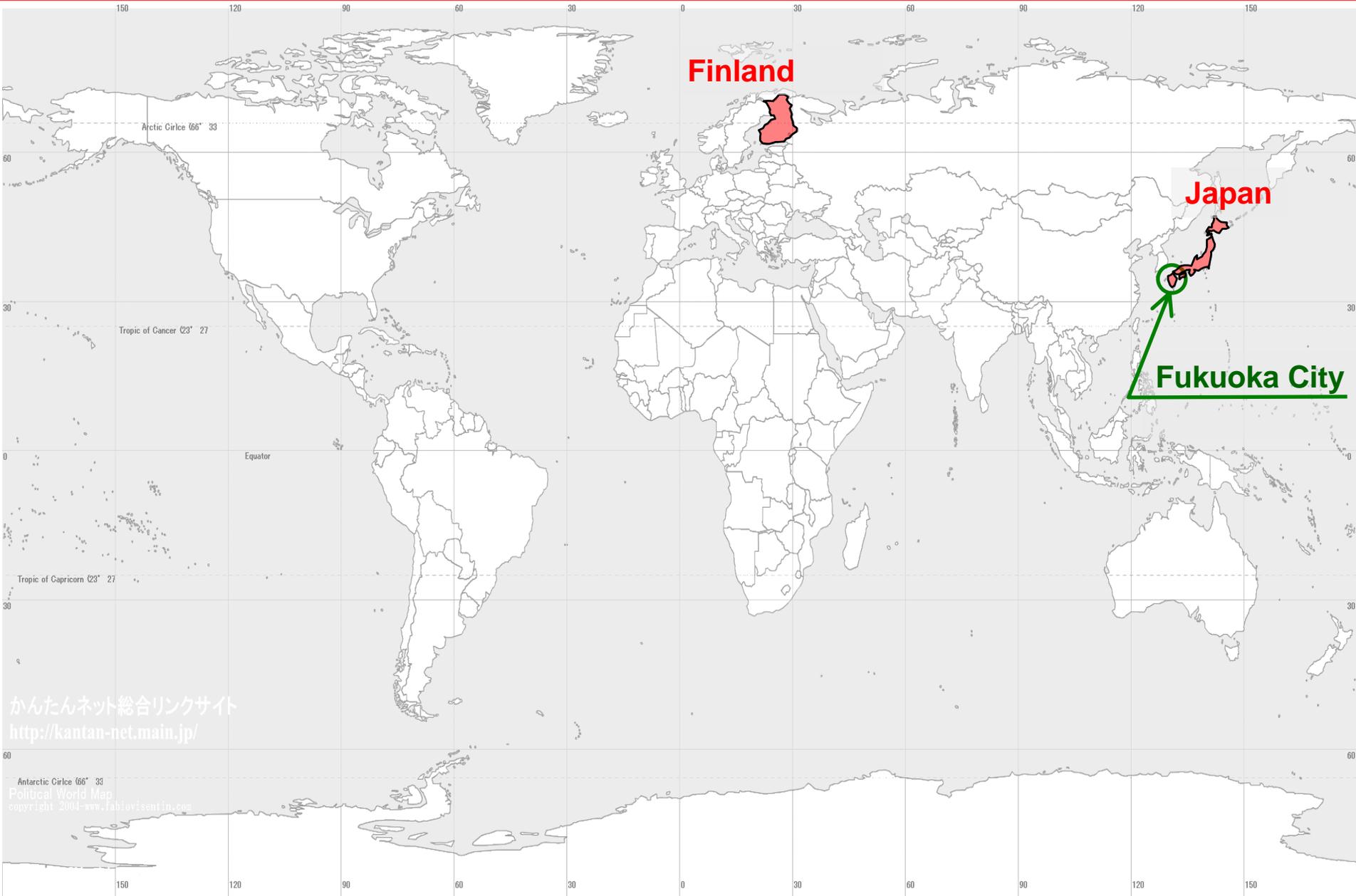


KYUSHU RAILWAY COMPANY



Location of Fukuoka City

Kyushu Railway Company



かんたんネット総合リンクサイト
<http://kantan-net.main.jp/>

Antarctic Circle (66° 33'
Political World Map
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Basic Information about Fukuoka City

Kyushu Railway Company

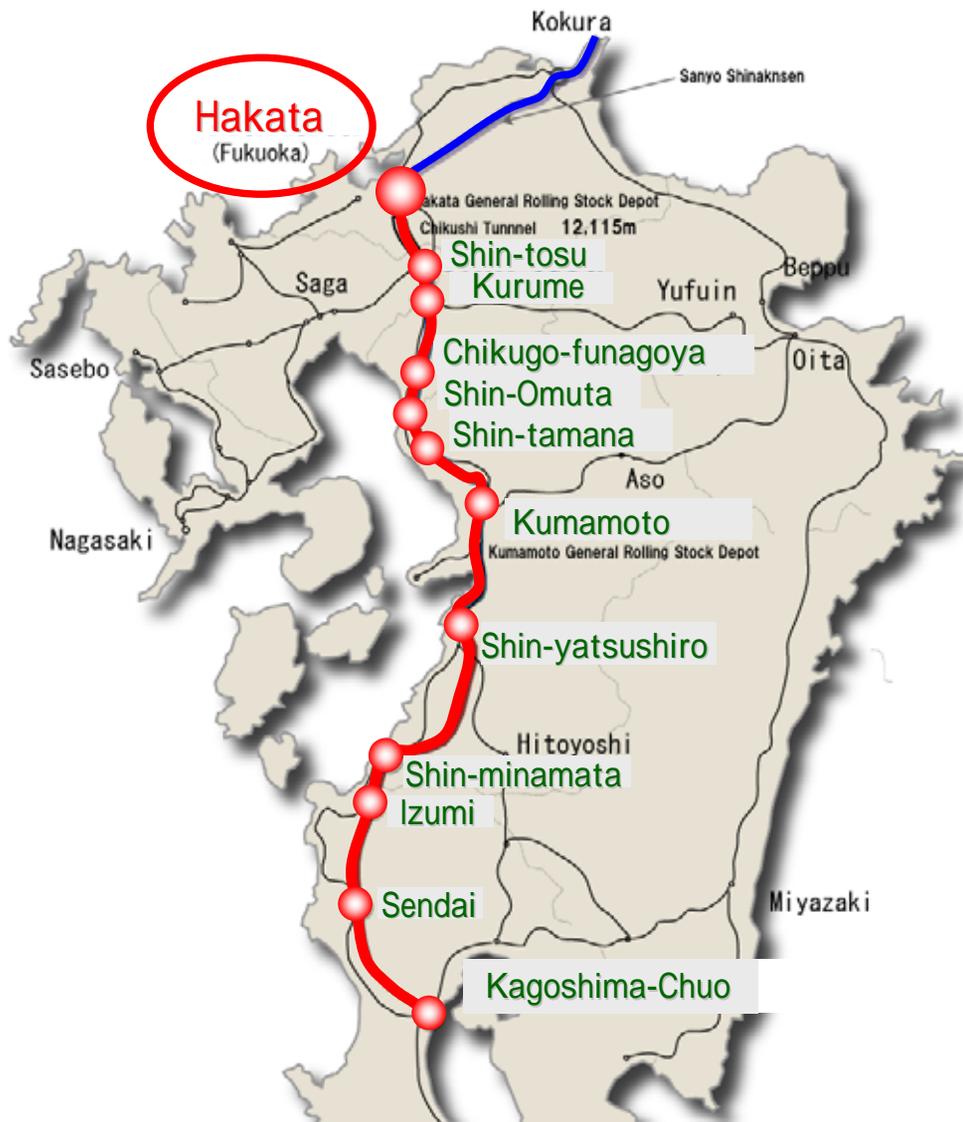


Facts About Fukuoka
Located in the far west of Japan
Population of approx. 1.5 million
Close to Shanghai, Seoul and other Asian cities



Gateway to Asia with tourist numbers increasing every year

Basic Information about the Hakata District *Kyushu Railway Company*



Facts about Hakata

Located in the center of Fukuoka City

Has become the business center of western Japan and the gateway to Kyushu

Hakata Station is the biggest transport hub in Kyushu, used by around 400,000 people each day

Kyushu Shinkansen (Bullet Train/High-speed Rail) line fully opened in March 2011



Major changes to the Hakata District

Shinkansen (Bullet Train/High-speed Rail) in Kyushu

New Hakata Station Building Opened in March 2011

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- New station building built: JR Hakata City
- Station-front plaza revamped

New Kyushu landmark was born

- . **Urban Development Efforts**
- . **JR Hakata City: Structure, Features, Architectural Design**
- . **The Kyushu Shinkansen**

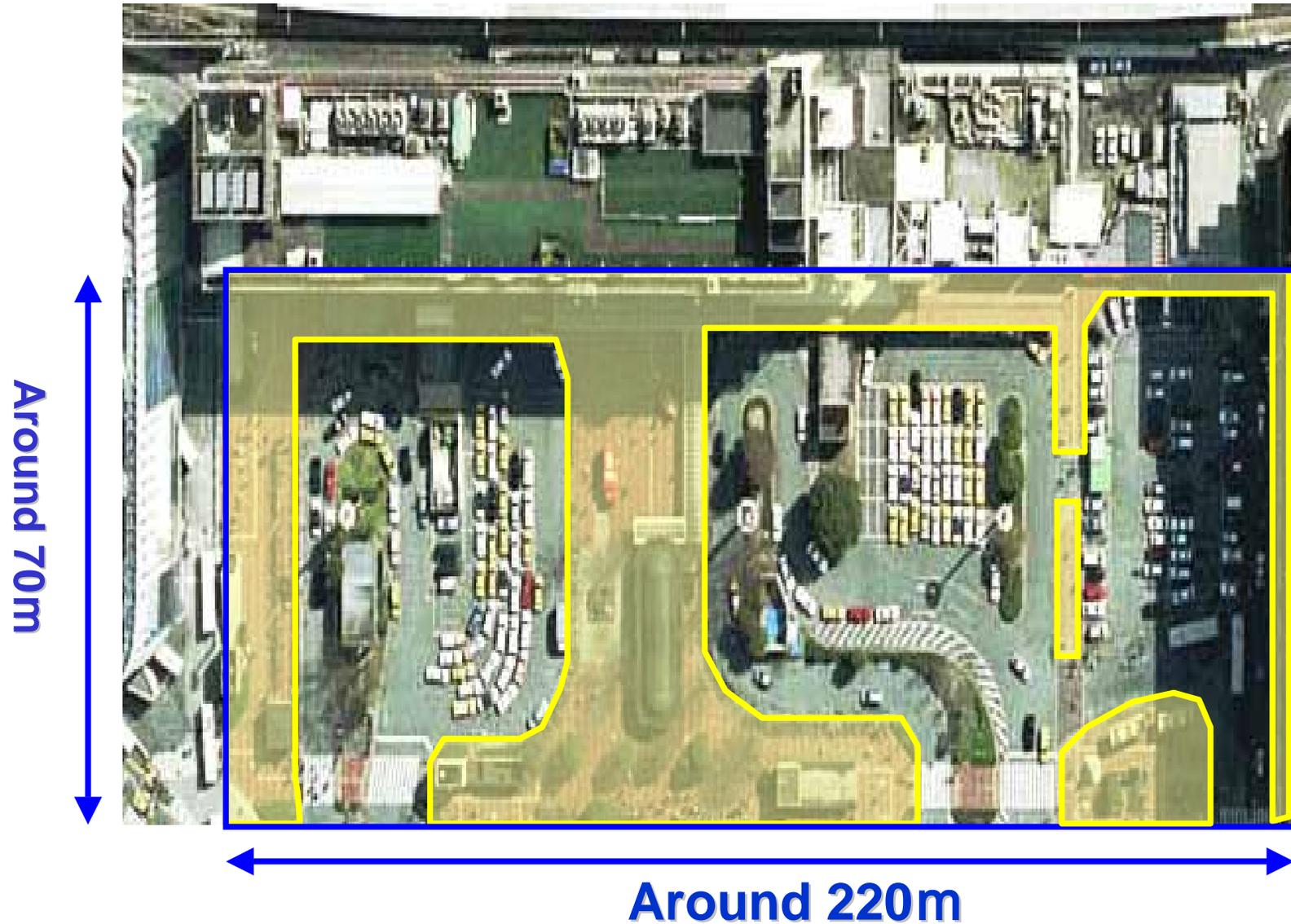


Urban Development Efforts

Issue : Insufficient Pedestrian Space

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Not enough pedestrian space, even though the plaza was 15,400m²



Issue : Insufficient Pedestrian Space

Kyushu Railway Company

Pedestrian areas were too small



Issue : Insufficient Pedestrian Space

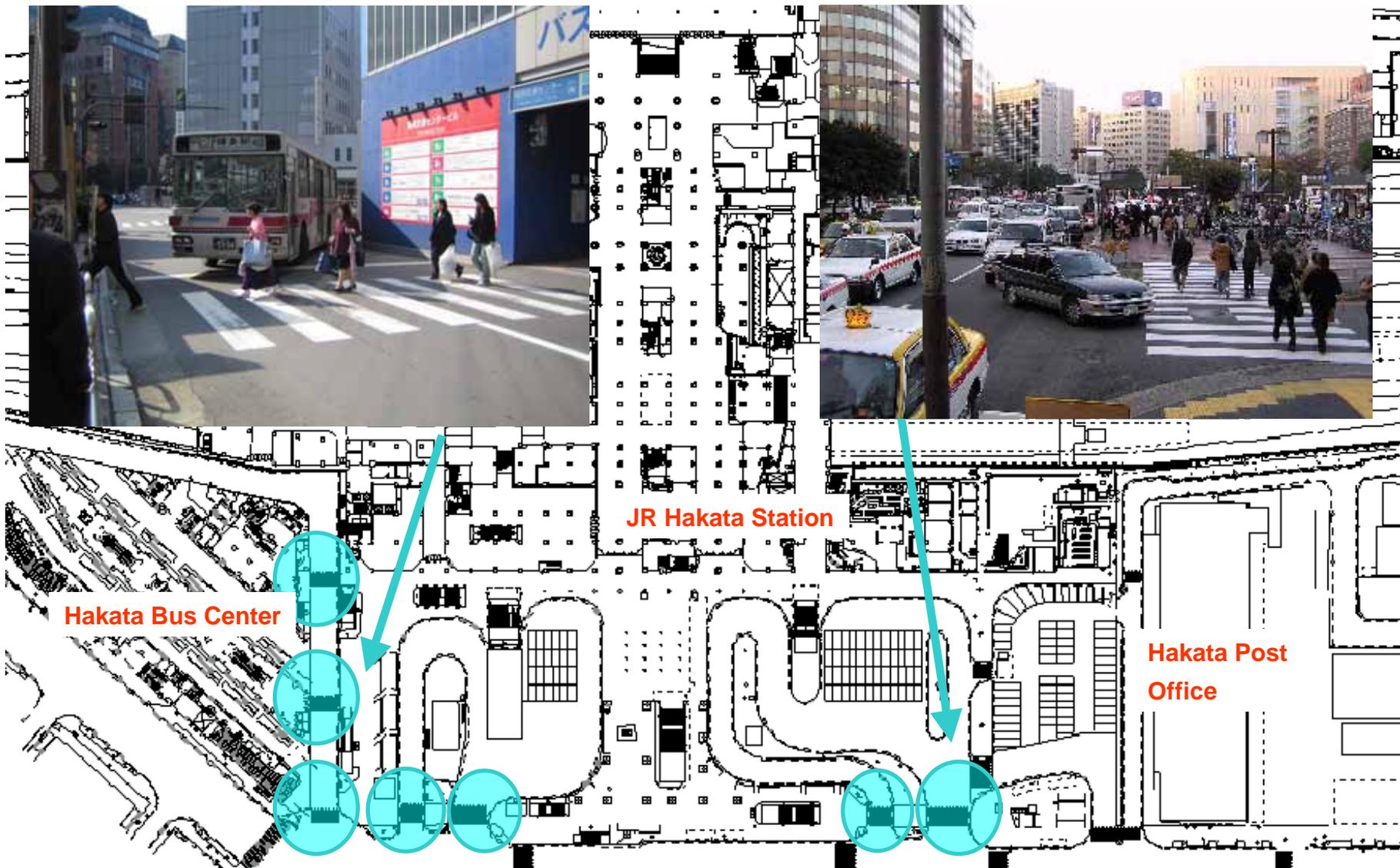
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Station concourses were crowded or did not have enough room for walking.



Issue : Poor Pedestrian Safety

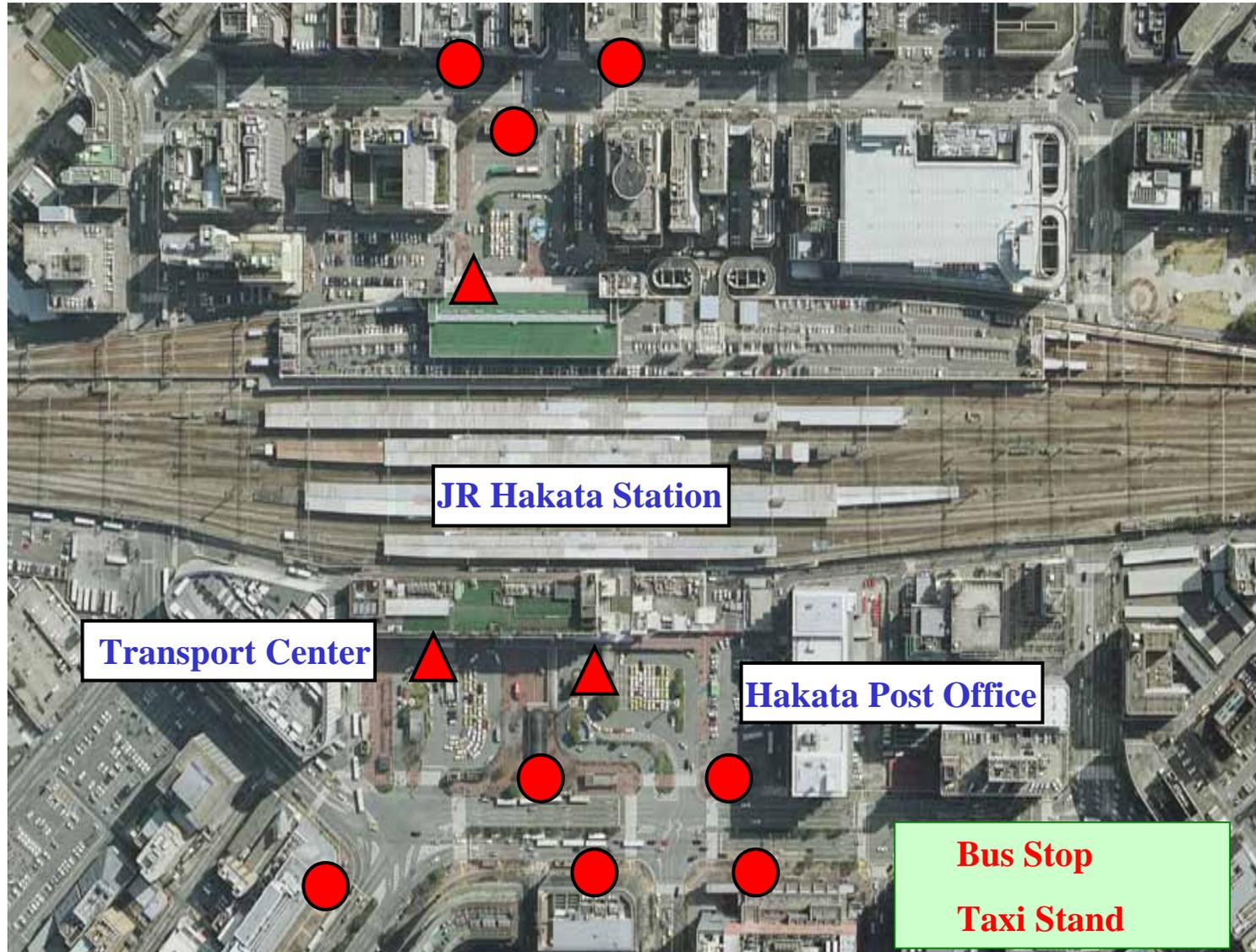
Area around the station not enough safe for pedestrians



Issue : Inconvenient Transport Connections

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Plenty of transport, including the Shinkansen, other conventional trains, subways, buses and taxis, but stops were spread out over a wide area, making connections difficult.



Issue : Inconvenient Pedestrian Passages Kyushu Railway Company

Hakata underground area was very uneven with many pitches, making it more difficult to reach other parts of the station



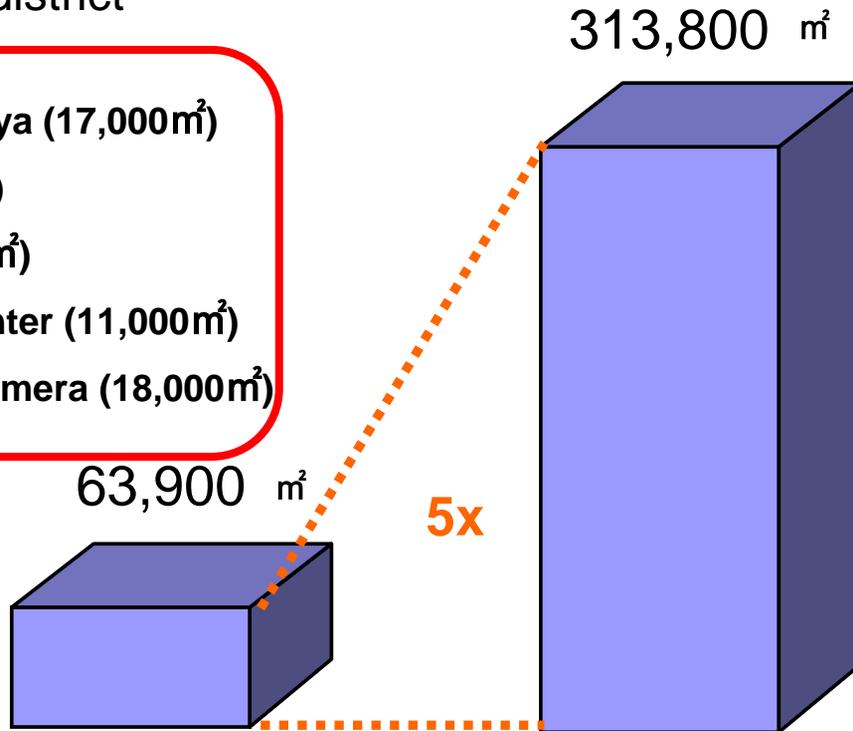
Issue : Insufficient Shopping Facilities

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Not enough shopping and social functions

- Shopping area only 1/5 of the size of Tenjin shopping district

- Hakata Izutsuya (17,000m²)
- Ming (5,000m²)
- Deitos (8,000m²)
- Transport Center (11,000m²)
- Yodobashi Camera (18,000m²)



- Iwataya (49,000m²)
- Hakata Daimaru (45,000m²)
- Fukuoka Mitsukoshi (38,000m²)
- Bivi Fukuoka Tenjin (28,000m²)
- Daiei Shoppers (21,000m²)
- Solaria Plaza (20,000m²)
- Tenjin Underground Area (17,000m²)
- Shintencho (14,000m²)
- Solaria Stage (13,000m²)
- Tenjin Core (12,000m²)
- IMS (10,000m²)

Hakata Station Area

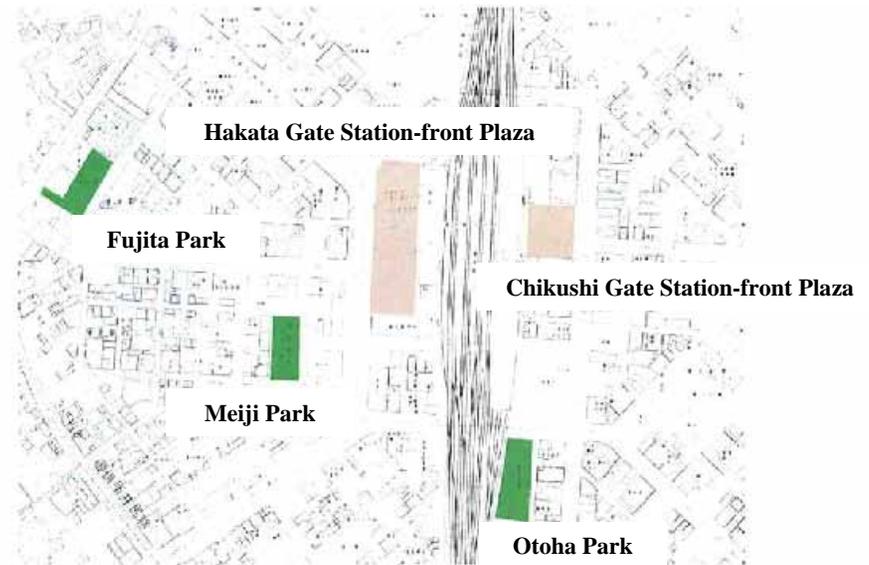
Tenjin Station Area

Source: Kyushu Data Book 2006
(in November 2005)

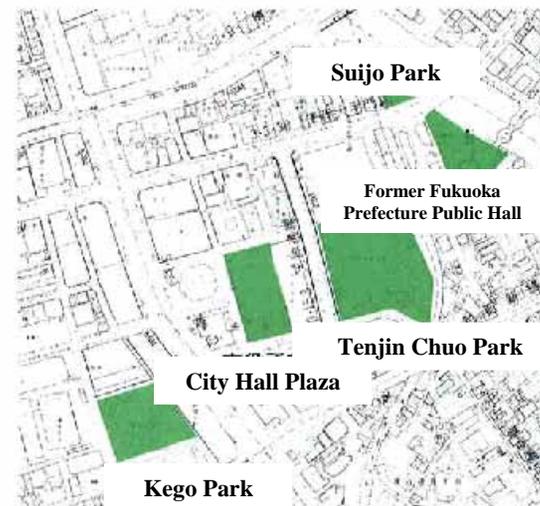
Meanwhile, sales productivity was 1.5x higher in the Hakata Station area than in Tenjin's.

Issue : Few Open Spaces

Few open spaces such as parks



Parks near Hakata Station were small and far apart



Tenjin's parks and open spaces are gathered in large areas



The greenery-poor streetscape near Hakata Station



Issue : Insufficient Space and Continuity between Station and Streets

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Not enough pedestrian areas that were pleasant to walk in

Large number of three-way intersections with little variety

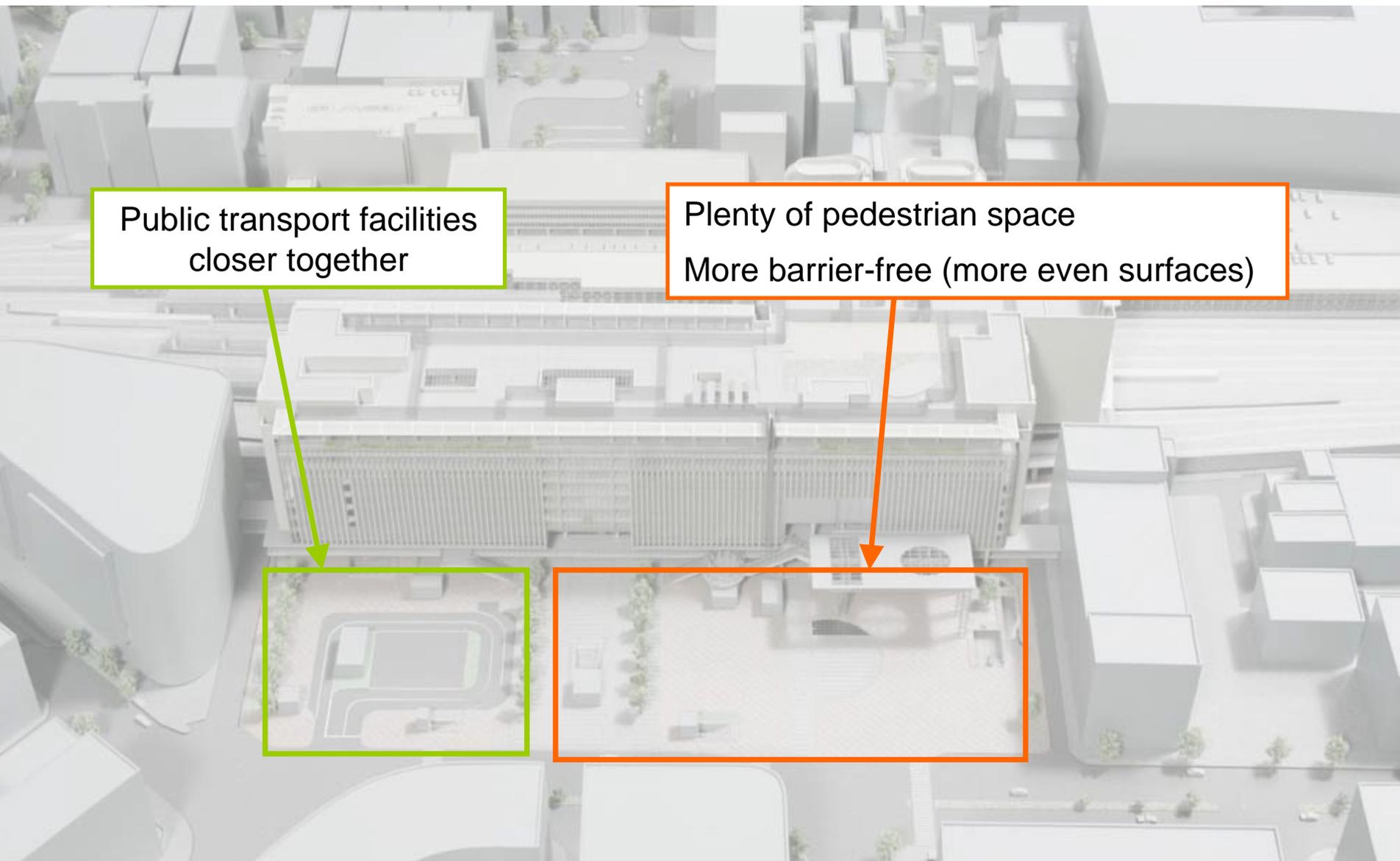
all people could see was streets,



**All that could be seen was buildings, with little greenery
– not a pleasant place for walking**

Solution : Make transport facilities closer together

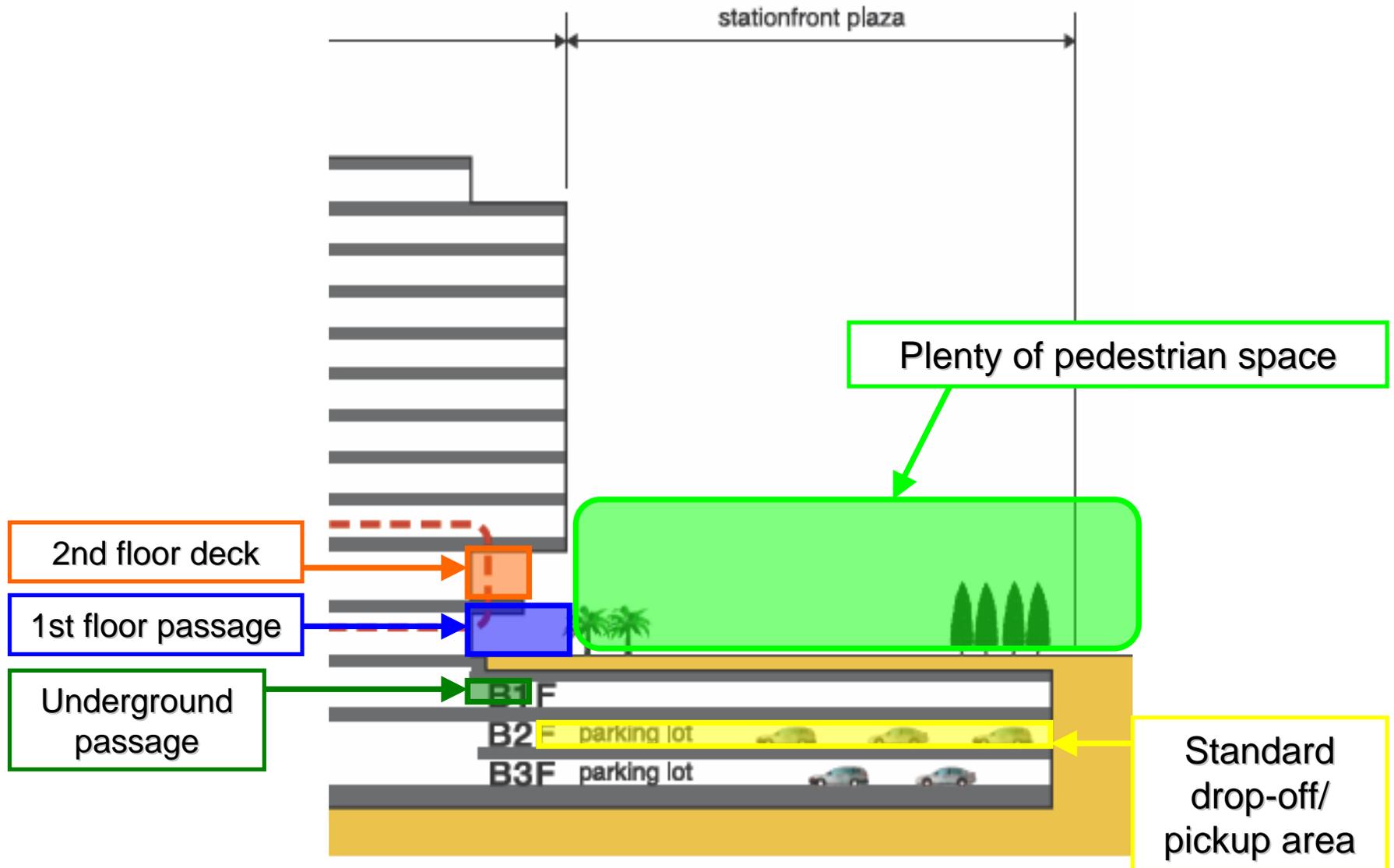
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Public transport facilities
closer together

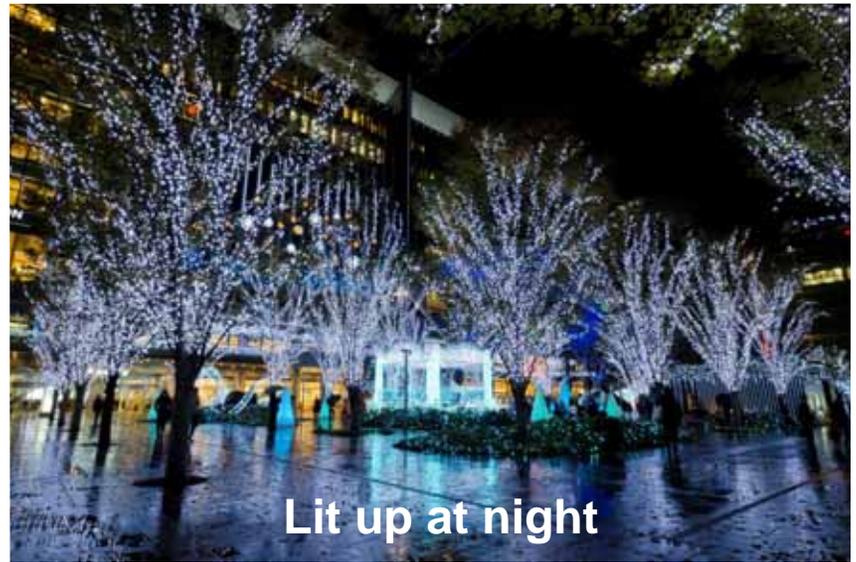
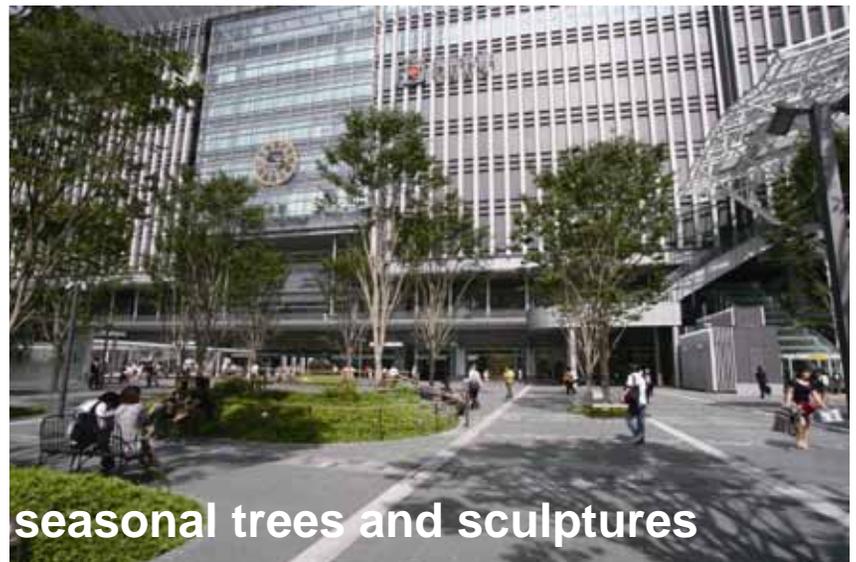
Plenty of pedestrian space
More barrier-free (more even surfaces)

Solution : More Pedestrian Space



Revamped Station-front Plaza

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JR Hakata City **(Structure, Features, Architectural Design)**

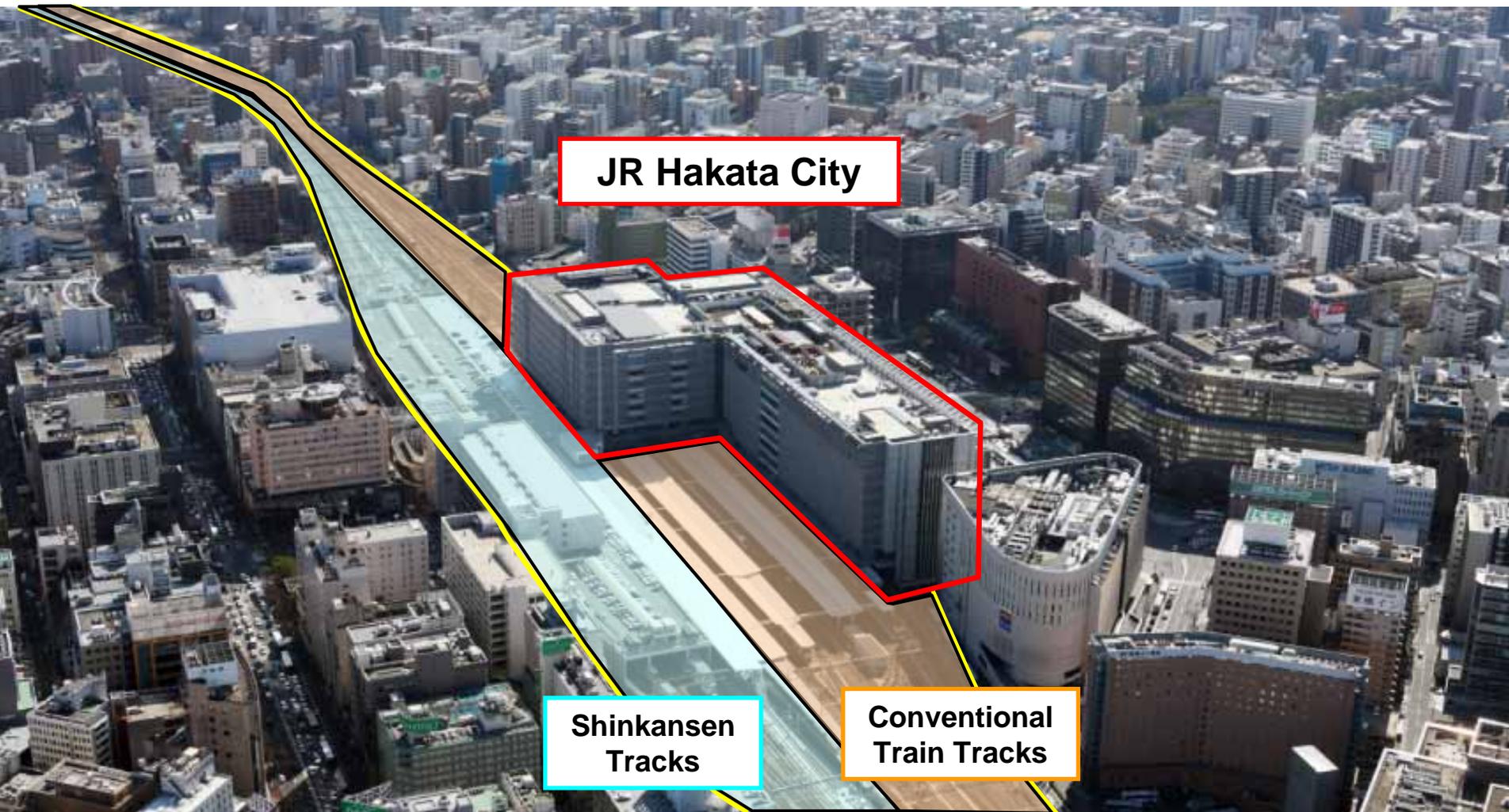
JR Hakata City and Station-front Plaza

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Overview of JR Hakata City

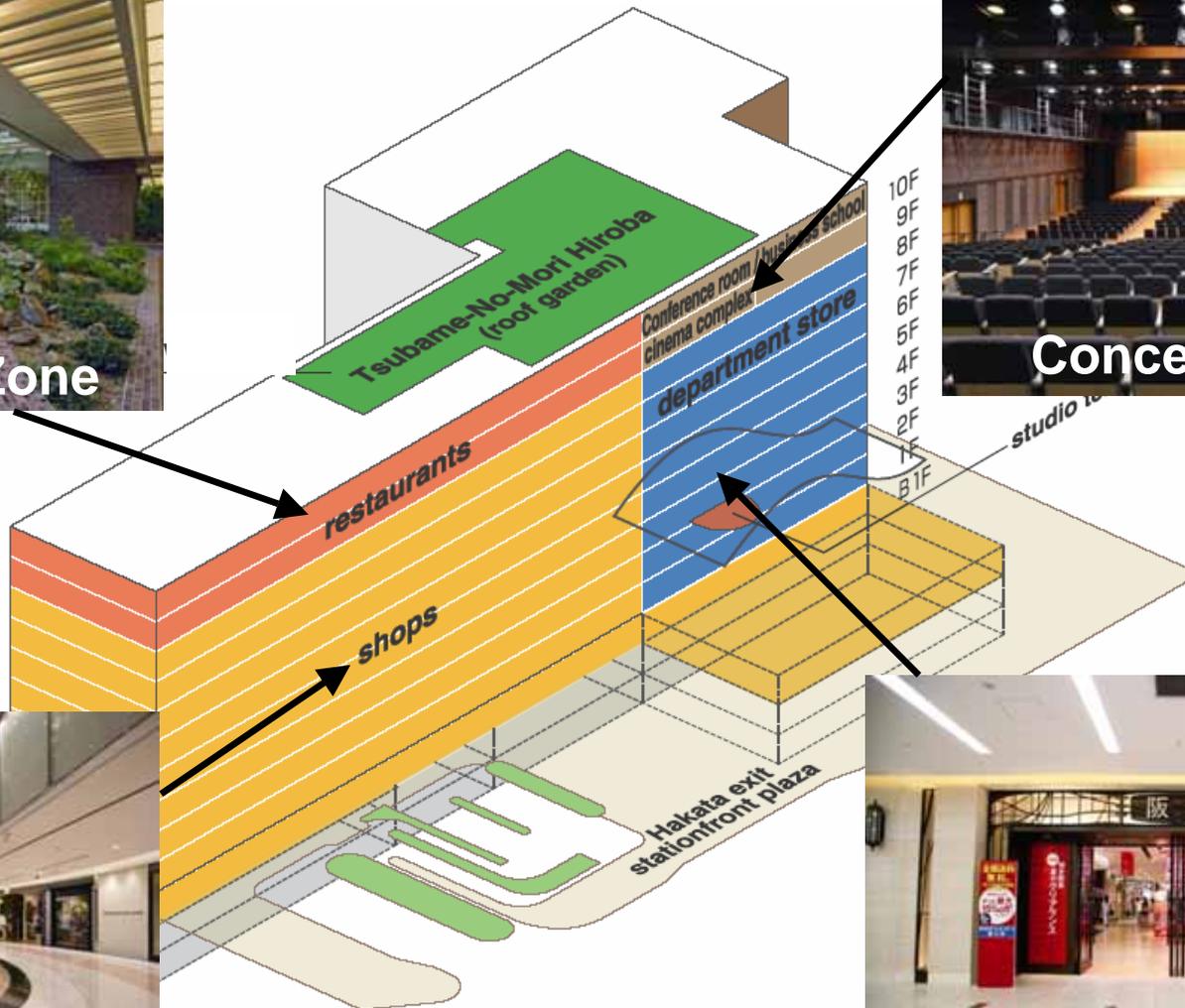
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Building with area of approx. 200,000 m² developed to accommodate 400,000 users per day

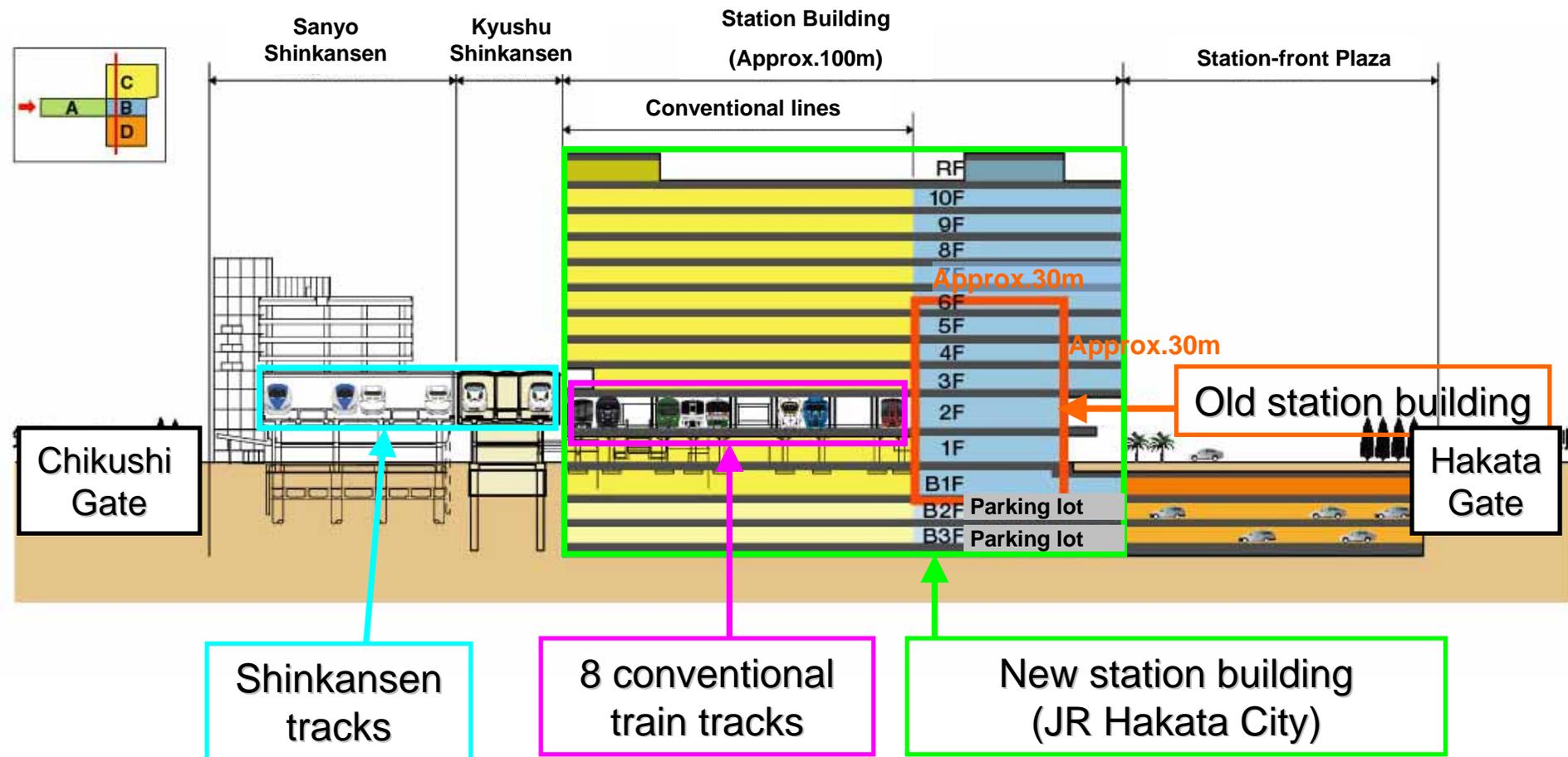
Overview of JR Hakata City

Kyushu Railway Company



Overview of JR Hakata City

Kyushu Railway Company



Most distinctive feature: building structure with the most efficient use of the area above and below the tracks

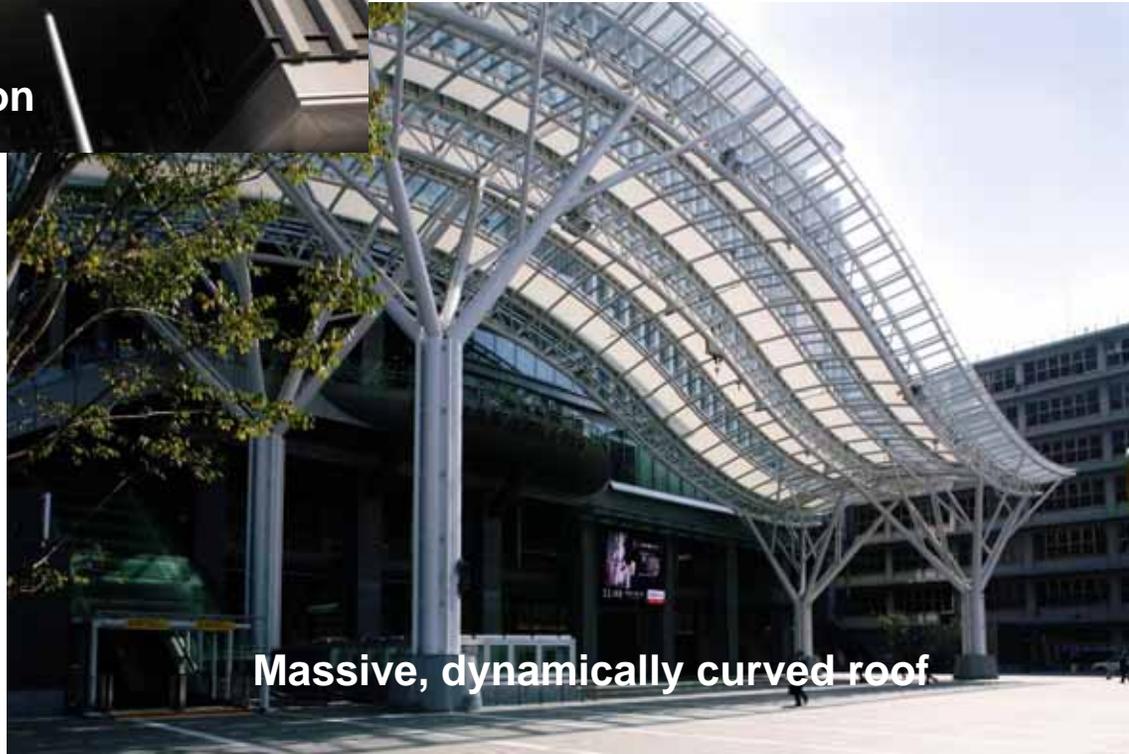
Building surrounds the 8 conventional train tracks for largest area possible in limited space

Symbol of JR Hakata City

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**Giant clock
symbolizes the station**



Massive, dynamically curved roof

“Tsubame-No-Mori Hiroba” (Rooftop Garden)

Kyushu Railway Company

**Rooftop garden 60 meters
above the ground**

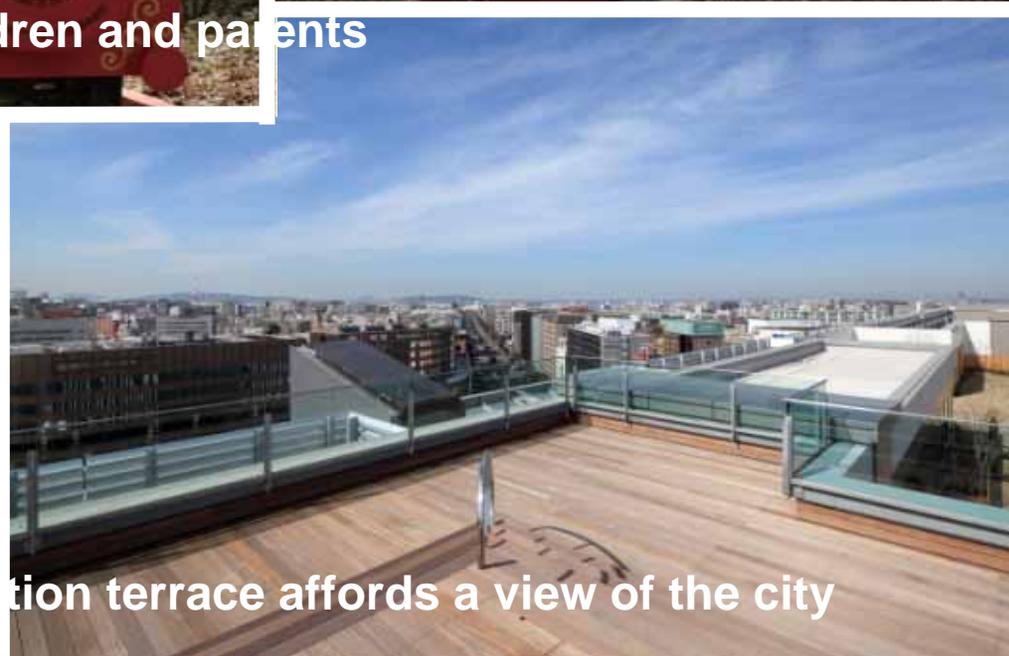
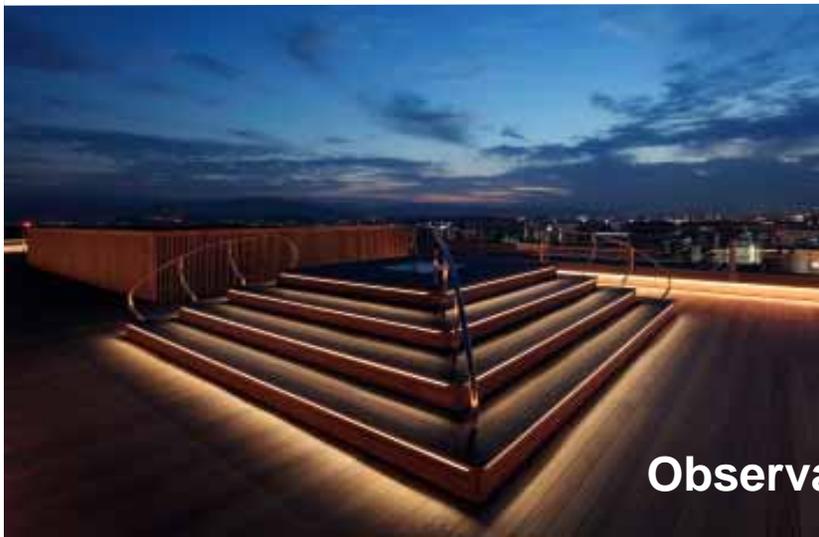


Miniature Train & Observation Terrace

Kyushu Railway Company



The miniature train is a hit with children and parents



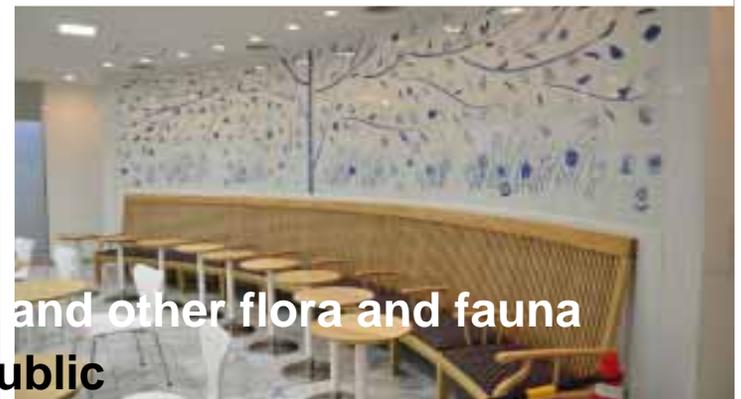
Observation terrace affords a view of the city



Large work of art made with Arita tiles, a traditional craft industry of Kyushu and Japan



Tiles feature pictures of leaves, insects, and other flora and fauna submitted by the public



Kyushu Shinkansen

Series N700 “Mizuho” and “Sakura”

Kyushu Railway Company

As symbolized by the keyword “*rin*” expressing the beauty, strength and dignity of Japan, the comfort of Japanese-style service is expressed.



Series 800 “Sakura” and “Tsubame”

Kyushu Railway Company

Uniquely Kyushu design



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**...Thank you
for your kind attention**

