



# Teem Tower, Guangzhou

Design architect: P&T Architects and Engineers Ltd

Occupying a site area of 41,122 sq m, Guangzhou Teem Tower is a multi-functional complex combining commercial use, hotel and serviced apartments. Located in Tianhe District, the CBD of Guangzhou, Teem Tower is fully equipped and superbly furnished. The newly opened East Tower is a grade-A office building in Guangzhou.

The overall planning takes a simple approach with the existing layout of the entrance plaza to the shopping mall and driveway being undisturbed. The East and West Towers, situated at the northeast and northwest corner respectively, are carefully planned to separate shoppers going to the mall and people working in the office tower. The entrance lobby of the

East Tower is facing the east lane linking an additional drop-off area. The complex is lavishly landscaped on the perimeter which offers relaxing environment.

In terms of facade design, the Teem Tower makes use of simple, straightforward geometrical pattern to create a sense of modern and liveliness. The overall height of the West Tower will be approximately three quarter as that of East Tower. By adopting unique elevation design, the two towers can be responded to each other in the same manner.

The two towers not only retain its outstanding character among the surroundings, but also wholly respond to the existing shopping complex.



廣州天河城東西塔樓



**DESIGN CONCEPT**

**Floor plan design**

The overall shape of Teem Tower follows the structural planning of the existing building. By simple geometrical planning, both building cost and construction period can be reduced. The change in structure also results in the

reduction of pillars and the increased floor loading.

Although with all these changes being made, the total construction area of Teem Tower does not exceed the official standard approved by the Bureau of Urban Planning of Guangzhou Municipality in 1993.

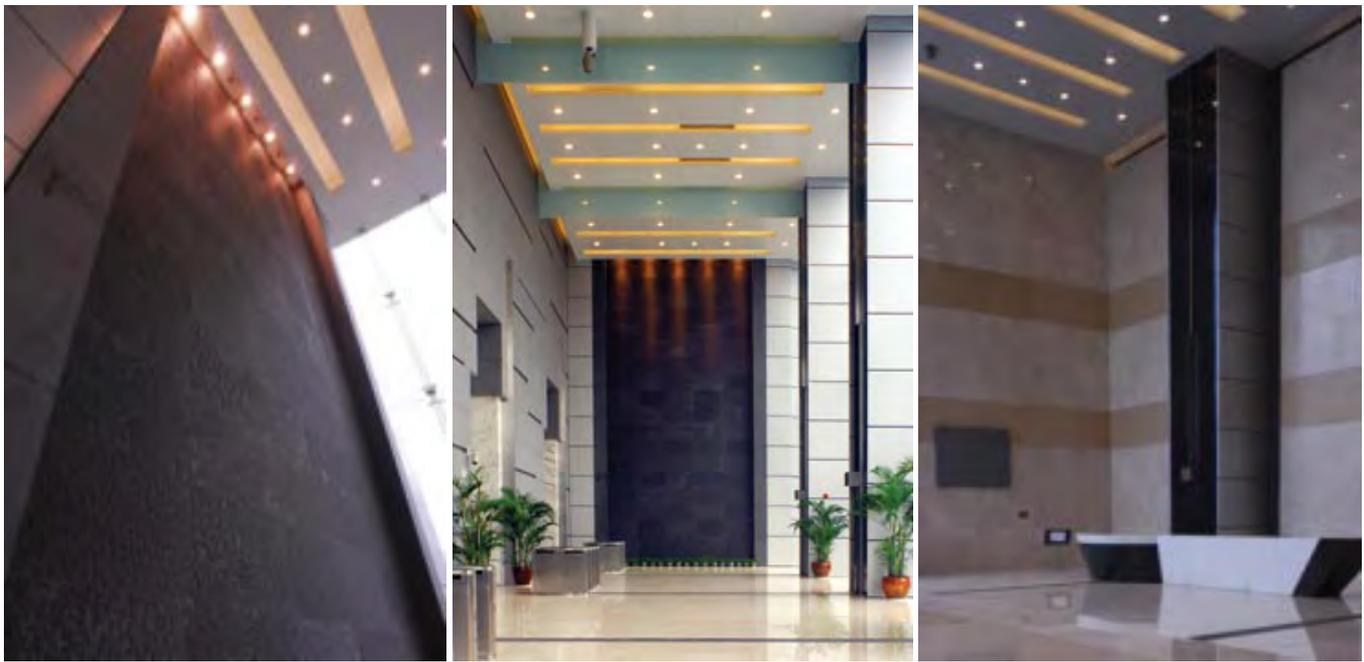




### The East Tower

The first floor of East Tower is the elevator lobby. The main lobby, with a 2-storey high glass curtain wall and tall ceiling create a sense of spaciousness. The west side of the first three floors is designed for shops and has direct access to the north block (the shopping mall), as well as separate elevators and stairway linking the three floors. In terms of architectural design, the main lobby on the first floor is integrated with several elements of walkway system, such as the stairway linking to shopping mall, and the elevator and escalator linking to basement.





**Fast Facts**

total site area:	41,122 sq m (100%)
total CFA:	181,132 sq m
total above-ground CFA:	157,581 sq m
total below-ground CFA:	20,319 sq m
height of The East Tower:	195 m
height of The West Tower:	154.98 m
Total above-ground construction area of The East Tower:	98,549 sq m

**Elevation design**

In terms of elevation design of the East and West Towers, through comprehensive planning of its shape and height proportion, the towers are expected to become another landmark of the CBD of Tianhe District.

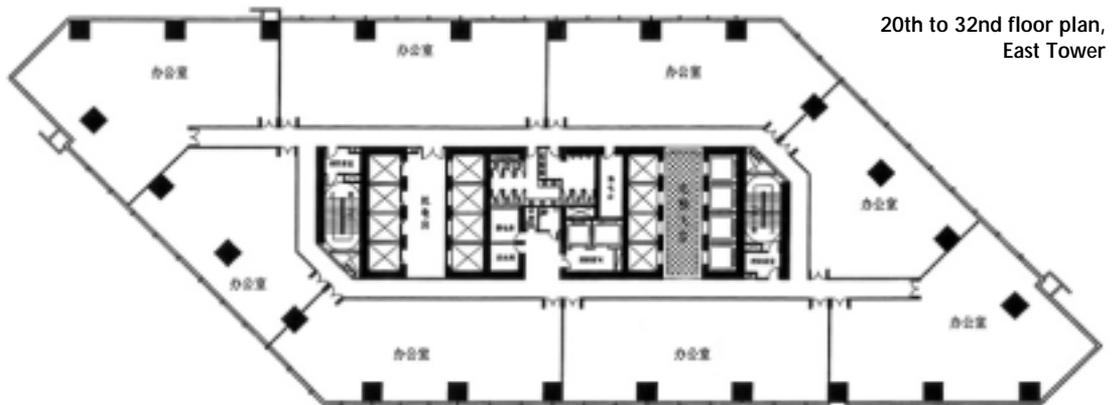
The building facade is a perfect combination of silver-colored, environmentally friendly reflective glass, with vertical and horizontal aluminum frameworks.

The height of the West Tower will be about three quarter that of the East Tower. Through unique elevation design approach, the twin towers can be responded to each other, and adhere to the entire development plan.

East Tower was completed in the first half of 2007 and the West Tower is currently under construction.

The hall, lobby and common areas in these zones are also used as common walkway.

An 8-metre structural grid forms the basic component of this office tower. Bounded by existing structural design, the architect makes use of glass curtain wall to attract natural light. The east/ west part of the office tower are also extended in width to maximize its usable floor area. To allow more flexibility in office partitioning the floor plan is further expanded to the east and west to provide more depth and width.



20th to 32nd floor plan, East Tower