

Guangzhou CTF Finance Centre



Height: To Tip
530 m / 1,739 ft

Height: Architectural
530 m / 1,739 ft
Height: Occupied
495.5 m / 1,626 ft



Floors Above Ground
111

Floors Below Ground
5

of Elevators
86

Top Elevator Speed
20 m/s

Tower GFA
398,000 m² / 4,284,036 ft²

Development GFA
507,681 m² / 5,464,633 ft²

of Apartments
355

of Hotel Rooms
251

of Parking Spaces
1,705

Click an image to view larger version.

Facts

Official Name	Guangzhou CTF Finance Centre
Other Names	The CTF Guangzhou, Chow Tai Fook Centre, East Tower
Structure Type	Building
Status	COM
Country	China
City	Guangzhou
Street Address & Map	6 Zhujiang Dong Road, Tianhe District
Postal Code	510623
Building Function	hotel / residential / office
Structural Material	composite
Energy Label	LEED GOLD
Proposed	2009
Construction Start	2010
Completion	2016

Companies Involved

Owner	Chow Tai Fook Enterprises
Developer	Guangzhou Xinyu Real Estate Development Co., Ltd.
Architect	<ul style="list-style-type: none"> Design: Kohn Pedersen Fox Associates Architect of Record: Leigh & Orange; Guangzhou Design Institute
Structural Engineer	<ul style="list-style-type: none"> Design: Arup Peer Review: Leslie E. Robertson Associates
MEP Engineer	<ul style="list-style-type: none"> Design: WSP Parsons Brinckerhoff
Project Manager	New World China Land Limited
Main Contractor	China State Construction Engineering Corporation
Other Consultant	<ul style="list-style-type: none"> Acoustics: Campbell Shillinglaw Lau Ltd Cost: Rider Levett Bucknall Façade: ALT Limited Fire: Arup Geotechnical: Arup Interiors: Yabu Pushelberg; Perception Design (HK) Ltd.; Super Potato Landscape: PLandscape Co., Ltd. LEED: WSP Parsons Brinckerhoff Lighting: Lighting Planners Associates; Isometrix Lighting + Design, Ltd. Marketing: Wordsearch Security: Arup Traffic: MVA Transportation, Planning & Management Consultants Wind: BMT Fluid Mechanics Ltd.; RWDI
Material Supplier	<ul style="list-style-type: none"> Cladding: Jangho Group Co., Ltd. Elevator: Hitachi, Ltd.

- Façade Maintenance Equipment [CoxGomyl](#)
- Paint/Coating [Jotun](#)
- Sealants [Dow Corning Corporation](#)
- Steel [China Construction Steel Structure Corporation](#)

About Guangzhou CTF Finance Centre

Guangzhou CTF Finance Centre is a mixed-use tower located across from Guangzhou International Finance Center and Canton Tower. The project is adjacent to a large central park and a subterranean retail concourse with transportation interchanges, integrating the project into the city and the wider region.

The design of Guangzhou CTF Finance Centre is derived from the efficient synthesis of its multiple uses. Its form is sculpted at four major transition points: office to residential, residential to hotel, hotel to crown, and crown to sky. Instead of tapering to accommodate the smaller floor plates required for different programs, the tower steps back at four angled parapets. These four setbacks allow for lush sky terraces and dramatic skylights.

Careful attention was paid to the material selection for the tower. Thus, a series of subtle terra cotta mullions line the tower's elevations. This material played a very important role in both Eastern and Western history, and is also beneficial from an environmental standpoint. The embodied energy of terra cotta is far less than aluminum, glass, or steel. It is self-cleaning and corrosion-resistant. Moreover, it can be produced in many locations in China, reducing the environmental impact of shipping. These terra cotta mullions were designed to project out from the glass on an angle to provide shading on the exterior.

The building employs a number of energy efficient tools to reduce its environmental footprint. In addition to its strong multi-level connections to public transportation, the use of high-efficiency chillers and heat recovery from the water-cooled chiller condensers all contribute to the building's sustainability.

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17 Oct 2016 – Stanley Wu, New World Development Company Limited

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