Ping An Finance Center

**Facts**

**Official Name:** Ping An Finance Center  
**Name of Complex:** Ping An Finance Center  
**Other Names:** PAFC, Ping An International Finance Center, Tower 1

**Structure Type:** Building  
**Status:** Completed  
**Country:** China  
**City:** Shenzhen  
**Street Address & Map:** 5033 Yitian Road, Futian District  
**Postal Code:** 518000  
**Building Function:** Office  
**Structural Material:** Composite  
- Core: Reinforced Concrete  
- Columns: Concrete Encased Steel  
- Floor Spanning: Steel

**Energy Label:** LEED Gold  
**Proposed:** 2008  
**Construction Start:** 2010  
**Completion:** 2017  
**Official Website:** Ping An Finance Center

**Rankings**
- **Global Ranking:** #4 Tallest in the World  
- **Regional Ranking:** #2 Tallest in Asia  
- **National Ranking:** #2 Tallest in China  
- **City Ranking:** #1 Tallest in Shenzhen

**Companies Involved**

**Owner/Developer:** Ping An Financial Center Construction & Development

**Architect**
- **Design:** Kohn Pedersen Fox Associates  
- **Architect of Record:** CCDI Group

**Structural Engineer**
- **Design:** Thornton Tomasetti  
- **Engineer of Record:** CCDI Group  
- **Peer Review:** China Academy of Building Research

**MEP Engineer**
- **Design:** J. Roger Preston Limited  
- **Engineer of Record:** CCDI Group

**Main Contractor:** China Construction First Group Construction & Development Co., Ltd.

**Other Consultant**
- **Cost:** Rider Levett Bucknall  
- **Damping:** RWDI  
- **Façade:** ALT Limited; Arup  
- **Fire:** Arup  
- **LEED:** Arup  
- **Life Safety:** Arup  
- **Lighting:** Illuminate Lighting Design; Lighting Planners Associates; Beijing Fortune Lighting System Engineering Co., Ltd.; JLL

- **Property Management:** Arup  
- **Sustainability:** Arup  
- **Traffic:** MVA Transportation, Planning & Management Consultants

**Height:**
- **Occupied:** 562.2 m / 1,844 ft  
- **To Tip:** 599.1 m / 1,965 ft  
- **Architectural:** 599.1 m / 1,965 ft  
- **Observatory:** 562.2 m / 1,844 ft  

**Floors:**
- **Above Ground:** 115  
- **Below Ground:** 5  
- **Parking Spaces:** 1,100  
- **Top Elevator Speed:** 10 m/s

**Tower GFA:** 459,187 m² / 4,942,648 ft²
About Ping An Finance Center

Ping An Finance Center is located in the city’s Futian District and represents a new generation of the prototypical Asian skyscraper: very tall, very dense, and hyper-connected.

Ping An Finance Center rises from a prominent location in the center of the city, connecting seamlessly to neighboring commercial and residential properties, as well as the Pearl River Delta’s high-speed rail corridor. At its final height, the tower will symbolize a city which has witnessed unprecedented urban growth – from 300,000 people to approximately 10 million – in the 35 years since becoming China’s first Special Economic Zone.

The shape of the tower is that of a taught steel cable, outstretched by the sky and the ground at once. At the top of the tower, the façades taper to form a pyramid, giving the tower a prismatic aesthetic. The form is emphasized by eight composite super-columns that extrude beyond the building envelope. This design is not only visually appealing, but also practical. The streamlined shape of the tower improves both structural and wind performance, reducing baseline wind loads by 35%.

The façade of Ping An Finance Center is one of its most important features. At the time of completion, the tower is adorned by the largest stainless steel façade in the world to date, using a total of 1,700 tons of 316L stainless steel. This material was chosen specifically for this project due to its corrosion-resistance, which will keep the appearance of the Ping An Finance Center unchanged for several decades despite Shenzhen’s salty coastal atmosphere.

CTBUH Initiatives

Ping An Finance Center Confirmed as the World’s Tallest All-Offic 8 Apr 2019 – Event Report

CTBUH 2019 Award of Excellence Winners Announced 5 Dec 2018 – Awards Event

CTBUH Study Examines Tallest Buildings with Dampers 22 Aug 2018 – CTBUH Research

More Initiatives ➤

Research Papers

Best Tall Buildings 2019: Dominant Trends Apr 2019 – CTBUH Journal 2019 Issue II


More Papers ➤

Videos

A Milestone in Supertall Construction 31 May 2018 – Dexiong Weng, Ping An Life Insurance Company of China; Florence Chan, Kohn Pedersen Fox Associates

The Axis Mundi of the Pearl River Delta Megacity 31 May 2018 – Felix Wu, Ping An Financial Center Const. & Dev; Robert Whitlock, Kohn Pedersen Fox Associates

Urban Development and Tall Buildings in Shenzhen 18 Oct 2016 – Chongguang Xu

More Videos ➤

CTBUH Awards

Best Tall Building 400 meters and above 2019 Winner CTBUH Awards 2019

Construction Award 2018 Award of Excellence CTBUH Awards 2018

Fire & Risk Engineering Award 2019 Award of Excellence CTBUH Awards 2019

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