

Ping An Finance Center

This project is a **redesign** and replaced **Ping An Finance Center (Previous)**

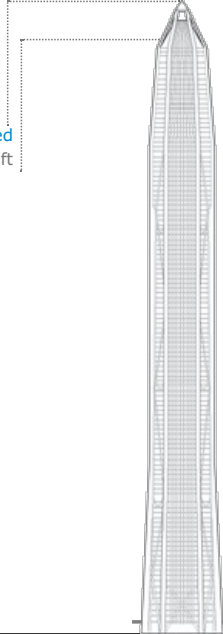


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Height: To Tip
599.1 m / 1,965 ft

Height:
Architectural
599.1 m / 1,965 ft
Height: Occupied
562.2 m / 1,844 ft



Height: Observatory
562.2 m / 1,844 ft

Floors Above Ground
115

Floors Below Ground
5

of Elevators
80

Top Elevator Speed
10 m/s

Tower GFA
459,187 m² / 4,942,648 ft²

of Parking Spaces
1,100

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	COM
Country	China
City	Shenzhen
Street Address & Map	5033 Yitian Road, Futian District
Postal Code	518000
Building Function	office
Structural Material	composite <ul style="list-style-type: none"> 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

Companies Involved

Owner/Developer	Ping An Financial Center Construction & Development
Architect	<ul style="list-style-type: none"> Design: Kohn Pedersen Fox Associates Architect of Record: CCDI Group
Structural Engineer	<ul style="list-style-type: none"> Design: Thornton Tomasetti Engineer of Record: CCDI Group Peer Review: China Academy of Building Research
MEP Engineer	<ul style="list-style-type: none"> Design: J. Roger Preston Limited Engineer of Record: CCDI Group
Main Contractor	China Construction First Group Construction & Development Co., Ltd.
Other Consultant	<ul style="list-style-type: none"> Cost: Rider Levett Bucknall Damping: RWDI Façade: ALT Limited; Arup Façade Maintenance: Manntech Building System Fire: Arup LEED: Arup Life Safety: Arup Lighting: Illuminate Lighting Design; Lighting Planners Associates; Beijing Fortune Lighting System Engineering Co., Ltd. Property Management: JLL Sustainability: Arup Traffic: MVA Transportation, Planning & Management Consultants

• Vertical Transportation	J. Roger Preston Limited; Fortune Shepler Consulting
• Way Finding	duttonBRAY Design Limited; Sandu Environmental Signage
• Wind	RWDI
Material Supplier	
• Cladding	Hilti AG; Outokumpu; Shenyang Yuanda Aluminium Industry Engineering Co.,Ltd.
• Elevator	KONE; Sematic S.r.l.; Schindler; Otis Elevator Company
• Façade Maintenance Equipment	Manntech Building System
• Fire Proofing	Grace Construction Products
• Formwork	Zulin
• Paint/Coating	Jotun
• Sealants	Dow Corning Corporation
• Steel	China Construction Steel Structure Corporation

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.

Ping An Finance Center

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Research Papers

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Mar 2020 – CTBUH Journal 2020 Issue II

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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

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CTBUH Awards 2019

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