Ping An Finance Center

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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

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

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
  • 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
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.