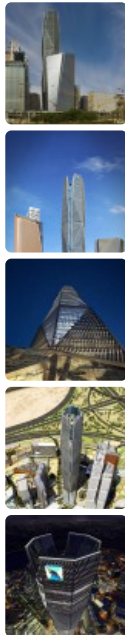


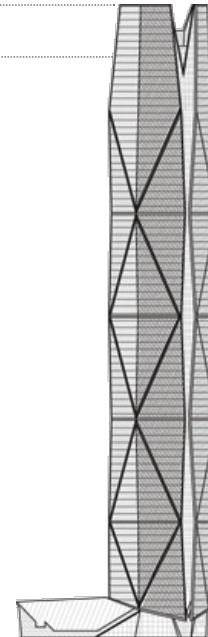
PIF Tower



Click an image to view larger version.



Height: To Tip
385 m / 1,263 ft
Height:
Architectural
385 m / 1,263 ft
Height: Occupied
352.5 m / 1,156 ft



Floors Above Ground
72
Floors Below Ground
4
of Elevators
40
Top Elevator Speed
7 m/s
Tower GFA
213,300 m² / 2,295,942 ft²

Facts

Official Name	PIF Tower
Name of Complex	King Abdullah Financial District
Other Names	Capital Market Authority Tower, CMA Tower, Capital Market Authority Headquarters
Structure Type	Building
Status	UCT
Country	Saudi Arabia
City	Riyadh
Street Address & Map	Parcel 1.16, King Abdullah Financial District, King Fahd Rd., Al Aqiq
Postal Code	13511
Building Function	office
Structural Material	composite <ul style="list-style-type: none"> Core: Reinforced Concrete Columns: Concrete Filled Steel Floor Spanning: Steel
Energy Label	LEED Gold
Proposed	2009
Construction Start	2010
Completion	2020

Companies Involved

Owner/Developer	Al Ra'idah Investment Company
Architect	<ul style="list-style-type: none"> Design: HOK, Inc.; Omrania & Associates
Structural Engineer	<ul style="list-style-type: none"> Design: Hyder Consulting; Omrania & Associates Peer Review: BuroHappold
MEP Engineer	<ul style="list-style-type: none"> Design: Omrania & Associates; WSP Group Peer Review: BuroHappold
Project Manager	Sweett Group
Main Contractor	Saudi Bin Laden Group
Other Consultant	<ul style="list-style-type: none"> Acoustics: RWDI Façade: Front Inc. Façade Maintenance: Lerch Bates; Access Advisors Ltd. Fire: Omrania & Associates; Rolf Jensen & Associates Food Service: Worrell Design Group Geotechnical: RGF Lighting: Omrania & Associates Parking: Walker Parking Consultants Security: WSP Flack + Kurtz Vertical Transportation: Lerch Bates Way Finding: HOK, Inc. Wind: RWDI
Material Supplier	<ul style="list-style-type: none"> Cladding: Jangho Group Co., Ltd. Elevator: Sematic S.r.l.; thyssenkrupp Fire Proofing: Grace Construction Products Steel: ArcelorMittal

About PIF Tower

The PIF Tower is designed as the centerpiece of this new office district, and symbolizes the beginning of a new era of financial development within Riyadh.

A primary requirement for the building's design was that it be both efficient and iconic. Architects were constrained by an oddly-shaped building site, with many surfaces around it that needed to be accommodated. This informed the prismatic shape of the building, with its many diamond-shaped facets that allow the sun to be captured in a variety of ways. The base of the hexagonal building is on a podium structure, which integrates public and private spaces, including dining facilities and a two-story auditorium.

The architects carefully considered the hot, sunny climate of Riyadh when designing this building, which is expected to achieve LEED Gold certification. The tower's transparency creates internal openness and provides access to natural light within the workplace. A high-performance solar control system moderates the intense Saudi light and heat. An external layer of fins, gantries, and perforated panels provides shade, amplifying the thermal efficiency of the triple-pane unitized glazing. Together, these shading devices minimize solar gain and internal cooling loads, reducing HVAC requirements. Electrical energy is reclaimed through a photovoltaic array installation on the tower's roof.

Eliminating copper-wire-based distribution systems for data and security further reduces internal heat gain. The design uses the "cool" technologies of wireless communication, air-blown fiber optics, and converged networks. The intelligent infrastructure merges voice, data, and video networks to reduce costs, centralize management, and boost productivity. Since each of these systems has been fitted with redundant capacity, the building is well-prepared for further expansion and a high-tech future.

PIF Tower

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