Sky Tower

Facts

Official Name: Sky Tower
Name of Complex: The Gate Shams Abu Dhabi
Structure Type: Building
Status: Completed
Country: United Arab Emirates
City: Abu Dhabi
Street Address & Map: Shams Gate District, Reem Island
Building Function: Residential / Office
Structural Material: Concrete
Proposed: 2005
Construction Start: 2006
Completion: 2010

Rankings

Global Ranking: #162 Tallest in the World
Regional Ranking: #35 Tallest in Middle East
National Ranking: #29 Tallest in United Arab Emirates
City Ranking: #5 Tallest in Abu Dhabi

Companies Involved

Owner: Sorouh Real Estate
Developer: Tameer Holding Investment; Sorouh Real Estate
Architect
- Design: Arquitectonica
- Architect of Record: National Engineering Bureau; RW Armstrong
Structural Engineer
- Design: Hyder Consulting
MEP Engineer
- Design: Ian Banham and Associates
Main Contractor: Arabian Construction Company
Other Consultant
- Building Monitoring: Kinematics Inc.
- Cost: AECOM
Material Supplier
- Cladding: Jangho Group Co., Ltd.
- Elevator: Otis Elevator Company
- Fire Proofing: Grace Construction Products
- Steel: Eversendai Engineering Qatar

About Sky Tower

Sky Tower is the taller of two towers that rise alongside the monumental portico of The Gate project like welcoming torches (Sun Tower being the other). The façades of the towers are adorned with a series of crystals that sparkle in the sunlight. The elliptical shape reduces wind resistance and its perimeter columns provide a tube structure effect. Within the elliptical form the spaces are organized orthogonally. Certain rooms cantilever beyond the elliptical skin. From the exterior they form a series of vertical bands that emphasize the vertical thrust of the tower. From within they create a series of spaces that project into space. Giant bay windows become rooms in the sky; conference rooms, living rooms and executive offices with the ultimate three-sided corner condition.

The residences are designed for maximum views. The façade curvature emphasizes the panoramic perspective. Expansive windowed areas flood the spaces with natural light. Rooms flow gracefully into each other with minimum circulation for a contemporary lifestyle.

Figures

Height: Architectural: 292.2 m / 959 ft
Height: Occupied: 276.6 m / 907 ft
Height: To Tip: 292.2 m / 959 ft
Floors Above Ground: 74
Floors Below Ground: 3
# of Apartments: 474
CTBUH Initiatives

CTBUH, EMI Lead Emirates Tall-Building Study Trip

CTBUH, EMI Lead Emirates Tall-Building Study Trip
23-27 Mar 2014 – Tour Report

CTBUH Releases Tallest Buildings Completed in 2010
Dec 2010 – CTBUH Journal Paper

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