

The Skyscraper Center

Global Tall Building Database of the CTBUH



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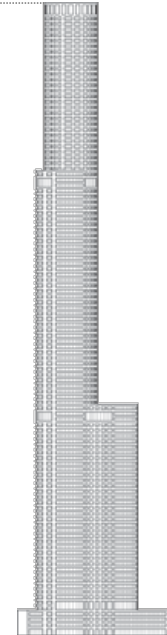
World One



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Height: To Tip
442 m / 1,450 ft
Height:
Architectural
442 m / 1,450 ft



Height: Observatory
304.8 m / 1,000 ft
Floors Above Ground
117
Floors Below Ground
2
of Elevators
12
of Apartments
290

Facts

Official Name	World One
Name of Complex	The World Towers
Other Names	Lodha World One
Structure Type	Building
Status	OH
Country	India
City	Mumbai
Street Address & Map	Lower Parel
Building Function	residential
Structural Material	concrete
Proposed	2010
Construction Start	2011
Official Website	The World Towers

Companies Involved

Owner/Developer	Lodha Group
Architect	
• Design	Pei Cobb Freed & Partners
• Architect of Record	Somaya & Kalappa Consultants
Structural Engineer	
• Design	Leslie E. Robertson Associates
• Peer Review	BuroHappold Engineering
MEP Engineer	
• Design	BuroHappold Engineering
Main Contractor	Arabian Construction Company ; Simplex Infrastructures Ltd.
Other Consultant	
• Code	Code Consultants, Inc.
• Façade	FACET Facade Design & Engineering Consultancy
• Façade Maintenance	Lerch Bates
• Geotechnical	Langan Engineering
• Interiors	Giorgio Armani
• Landscape	Ken Smith Landscape Architect ; M/S Prabhakar B. Bhagwat
• Lighting	George Sexton Associates
• Vertical Transportation	Barker Mohandas, LLC
• Wind	RWDI
Material Supplier	
• Elevator	Sematic S.r.l.
• Façade Maintenance Equipment	CoxGomyl

About World One

World One is the first of three signature residential towers that form the core of Mumbai's Lodha Place, a 17-acre development master planned in 2009. The project brief called for a design that would not only epitomize the highest international standards in luxury living, but symbolize the emergence of Mumbai as a key world city. This meant, among other things, establishing an iconic skyline presence characterized by unprecedented height. Until recently, high-rise residential buildings in the city topped out at around 50 stories. Planning a tower twice that height involved the reinvention of the typical "inside-out" design process and the reconsideration of a wide variety of structural and planning

approaches, including safety and sustainability.

The tower's unique cloverleaf plan and three-tier elevation is a decisive response to the singular challenge of creating a supertall residential tower on a compact site. The building's special shape affords each residence with a corner living and dining room, featuring a wraparound terrace and unobstructed views of the city. Self-shading, cross ventilation, high-performance insulating glass, and a wide array of efficient mechanical and electrical systems contribute to the building's anticipated LEED-Gold certification.

The building's rigorously gridded façade is detailed in such a way that achieves a visual unity befitting its size and iconic stature from afar, while respecting the scale and clues of inhabitation up close. Fully embracing the idea that a tall building should contribute as much to the life of the city at ground level as it does on the skyline, World One's base gives way to a generously proportioned circular entry court along a gently arced boulevard that links the tower to the city, bringing urban energy into the experience of the building.

World One

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13 Oct 2016 – CTBUH Research

Videos

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Iconic, Luxurious, Supertall, Safe, Sustainable (and Conventional)

Oct 2011 – Jay L. Berman, Pei Cobb Freed & Partners; William J. Faschan, Leslie E. Robertson Associates

Research Papers

Sustainable (Vertical) Urbanism, Grounded - Three Case Studies

17 Oct 2016 – Cities to Megacities: Shaping Dense Vertical Urbanism

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