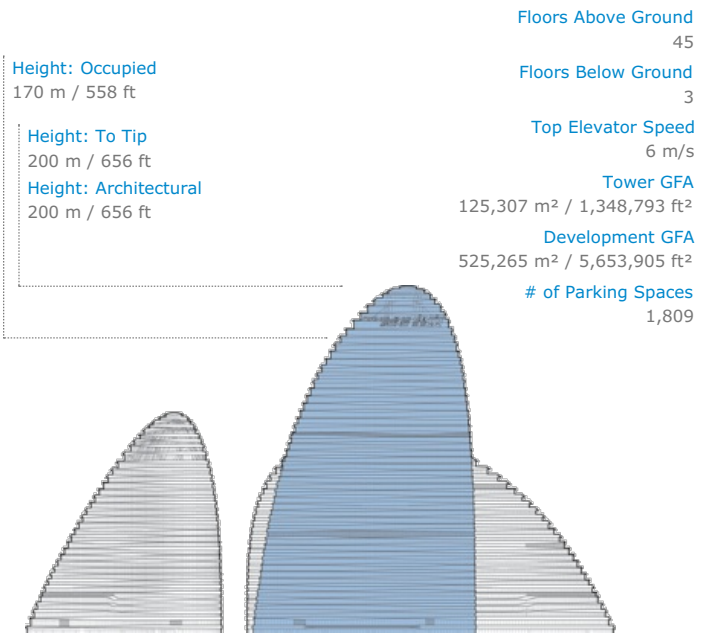


## Wangjing SOHO T3



Click an image to view larger version.



### Facts

<b>Official Name</b>	Wangjing SOHO T3
<b>Name of Complex</b>	Wangjing SOHO
<b>Other Names</b>	??SOHO T3
<b>Structure Type</b>	Building
<b>Status</b>	COM
<b>Country</b>	China
<b>City</b>	Beijing
<b>Street Address &amp; Map</b>	No. 1 Futongdong Da Jie, Chaoyang District
<b>Postal Code</b>	100102
<b>Building Function</b>	office
<b>Structural Material</b>	composite <ul style="list-style-type: none"> <li>• Core: Reinforced Concrete</li> <li>• Columns: Concrete Filled Steel</li> <li>• Floor Spanning: Steel</li> </ul>
<b>Proposed</b>	2009
<b>Construction Start</b>	2011
<b>Completion</b>	2014
<b>Official Website</b>	<a href="#">Wangjing SOHO</a>

### Companies Involved

<b>Owner/Developer</b>	SOHO China Co. Ltd
<b>Architect</b>	<ul style="list-style-type: none"> <li>• <b>Design</b> <a href="#">Zaha Hadid Architects</a></li> <li>• <b>Architect of Record</b> <a href="#">CCDI Group</a></li> </ul>
<b>Structural Engineer</b>	<ul style="list-style-type: none"> <li>• <b>Design</b> <a href="#">China Academy of Building Research</a></li> <li>• <b>Engineer of Record</b> <a href="#">CCDI Group</a></li> </ul>
<b>MEP Engineer</b>	<ul style="list-style-type: none"> <li>• <b>Design</b> <a href="#">Arup</a></li> <li>• <b>Engineer of Record</b> <a href="#">CCDI Group</a></li> </ul>
<b>Main Contractor</b>	<a href="#">China State Construction Engineering Corporation</a>
<b>Other Consultant</b>	<ul style="list-style-type: none"> <li>• <b>Façade</b> <a href="#">Arup; Inhabit Group</a></li> <li>• <b>Landscape</b> <a href="#">Ecoland; Zaha Hadid Architects</a></li> <li>• <b>LEED</b> <a href="#">Environmental Market Solutions, Inc.</a></li> <li>• <b>Lighting</b> <a href="#">Lightdesign</a></li> <li>• <b>Way Finding</b> <a href="#">Ikonik</a></li> <li>• <b>Wind</b> <a href="#">Yonsei University</a></li> </ul>
<b>Material Supplier</b>	<ul style="list-style-type: none"> <li>• <b>Cladding</b> <a href="#">Jangho Group Co., Ltd.</a></li> <li>• <b>Elevator</b> <a href="#">Fujitec Co., Ltd.</a></li> </ul>

### About Wangjing SOHO T3

The Wangjing SOHO Project is designed as three dynamic mountain- or fish-like forms, pulling energy through the site with their convex forms. The juxtaposition of the towers affords a continuously changing, elegant and fluid view from all directions. The exterior skin of the towers consists of flowing, shimmering ribbons of aluminum and glass that continuously wrap around the buildings and embrace the sky, threading through a landscape with approximately 60,000 square meters of green area open to the public. Inspired by the surrounding movement of the city, the sun, the wind, the project aims to lend a strong identity to the Wangjing area, creating a gateway-beacon that can be seen by travelers along the highway heading to or from Beijing Capital International Airport.

The site for the proposed Wangjing SOHO Project is located in the Chaoyang District of northeast Beijing, between Fourth and Fifth Ring Roads. The area contains the offices of many Chinese startup companies, as well as global companies such as Microsoft, Daimler, Caterpillar, Panasonic, Nortel and Siemens. It is conveniently located on the way to the airport and near various metro stations, and is home to a vibrant mix of local and international residents and visitors.

The building program is a mixed-use commercial development, containing offices and retail above grade, retail below grade in B1 basement

level, and parking and mechanical in the B2, B3 and B4 basements. The composition of the towers extends into the surrounding landscape, with flowing lines creating paths of movement and exciting activity zones of shopping and leisure. The lines of movement extend to the perimeter and integrate all the green areas around the site. Between the main building towers is a "canyon" of retail shops and activities, and several pavilion gate buildings that create a shopping street at the ground level. There are two sunken garden courts east and west of the canyon that continue the landscaped paths down to the retail concourse below.

The main tower entrance lobbies, facing outwards to the city, welcome visitors into large dynamic halls that direct one into the office tower floors above, and to the breezeway and retail levels at the second floor and sunken garden levels below. Up above in the office towers, there are simple open-plan office spaces offering natural daylight and continuous panoramic views in all directions.

Most of the roofs are covered with louvers and top of the roof surfaces are coated with highly reflective material, in order to mitigate the heat-island effect in the city. The buildings have horizontal bands of white aluminum and double-insulated unitized glazing systems that can provide overhangs for sun shading, while providing maintenance terraces and water collection.

To encourage more sustainable transportation access, special parking spots are reserved for low-emission cars; bicycle parking and shower facilities are also provided. Direct access to subway stations and bus stops nearby have been integrated into the planning.

For better indoor environment quality for the occupants, the fresh air rate per person provided exceeds the ASHRAE standard by 30 percent. Highly efficient filters are installed to remove PM2.5 particles in the AC system. In the interior design, low-volatile organic compound (VOC) materials are carefully chosen to eliminate pollution from the outset.

## Wangjing SOHO T3

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### CTBUH Initiatives

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#### [2016 China Awards Symposium, Ceremony & Dinner](#)

13 May 2016 – Event Report

#### [CITAB-CTBUH Name 2016 China Tall Building Award Recipients](#)

25 Feb 2016 – CTBUH News

#### [CTBUH Releases Year in Review: Tall Trends of 2014](#)

Dec 2014 – CTBUH Journal Paper

### Research Papers

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#### [After Machine-À-Habiter](#)

Oct 2019 – 2019 Chicago 10th World Congress Proceedings - 50  
Forward | 50 Back

#### [Year in Review: Tall Trends of 2014](#)

Dec 2014 – CTBUH Journal, 2015 Issue I

#### [Developing High Profile Branded Commercial Projects in China](#)

Sep 2012 – CTBUH 2012 9th World Congress, Shanghai

### Videos

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#### [Tall Buildings and Context: Appropriate High Rise Vernaculars](#)

18 Oct 2016 – Timothy Johnson, NBBJ; Yansong Ma, MAD Architects; Winy Maas, MVRDV; Yan Meng, Urbanus; Patrik Schumacher, Zaha Hadid Architects; Jerry Yin, SOHO China Co. Ltd.

#### [Mixed Use Tall Buildings – The Challenges and Benefits of Vertical Urbanization](#)

17 Oct 2016 – Samuel So, JLL

#### [Developing High Profile Branded Commercial Projects in China](#)

19 Sep 2012 – Jerry Yin, SOHO

### CTBUH Awards

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#### [Best Tall Building China 2016 China Excellence](#)

CTBUH Awards 2016

#### [Best Tall Building Asia & Australasia 2014 Award of Excellence](#)

CTBUH Awards 2014

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