**Two World Trade Center**

From Wikipedia, the free encyclopedia

*For the building complex destroyed in the September 11th attacks, which includes the original Two World Trade Center, see* [*World Trade Center*](https://en.wikipedia.org/wiki/World_Trade_Center)*.*

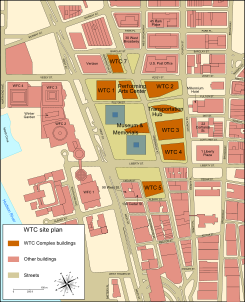
|  |  |
| --- | --- |
| **Two World Trade Center** | |
|  | |
| Rendering of Two World Trade Center, viewed from the memorial plaza from the southwest | |
| **Alternative names** | 2 WTC 200 Greenwich Street |
| **General information** | |
| **Status** | Under construction |
| **Type** | Office |
| **Architectural style** | [Deconstructivist](https://en.wikipedia.org/wiki/Deconstructivism) |
| **Location** | 200 Greenwich Street [New York City](https://en.wikipedia.org/wiki/New_York_City), [USA](https://en.wikipedia.org/wiki/United_States) |
| [**Coordinates**](https://en.wikipedia.org/wiki/Geographic_coordinate_system) | [40°42′44″N 74°00′40″W﻿ / ﻿40.71209°N 74.011°W﻿ / 40.71209; -74.011](http://toolserver.org/~geohack/geohack.php?pagename=Two_World_Trade_Center&params=40.71209_N_-74.011_E_type:landmark_region:US-NY)[Coordinates](https://en.wikipedia.org/wiki/Geographic_coordinate_system): [40°42′44″N 74°00′40″W﻿ / ﻿40.71209°N 74.011°W﻿ / 40.71209; -74.011](http://toolserver.org/~geohack/geohack.php?pagename=Two_World_Trade_Center&params=40.71209_N_-74.011_E_type:landmark_region:US-NY) |
| **Construction started** | June 1, 2010 |
| **Estimated completion** | Street level: Fall 2012, Tower: 2014 to 2016 |
| **Cost** | $2.9 Billion |
| **Height** | |
| **Roof** | 1,359 ft (414 m) |
| **Technical details** | |
| **Floor count** | 88 |
| **Floor area** | 3,100,000 sq ft (290,000 m2) |
| **Lifts/elevators** | 30 |
| **Design and construction** | |
| **Owner** | World Trade Center Properties, LLC |
| **Management** | Port Authority |
| **Architect** | [Lord Norman Foster](https://en.wikipedia.org/wiki/Lord_Norman_Foster) |
| **Developer** | [Silverstein Properties](https://en.wikipedia.org/wiki/Silverstein_Properties) |
| **Structural engineer** | [WSP Cantor Seinuk](https://en.wikipedia.org/wiki/WSP_Group) |
| **Main contractor** | [Turner Construction Company](https://en.wikipedia.org/wiki/Turner_Construction_Company) |
| **References** | |
|  | |

|  |
| --- |
| **Planned rebuilding of the World Trade Center** |
| **Towers** |
| [One World Trade Center](https://en.wikipedia.org/wiki/One_World_Trade_Center) (Tower 1) |
| **Two World Trade Center** (Tower 2) |
| [Three World Trade Center](https://en.wikipedia.org/wiki/Three_World_Trade_Center) (Tower 3) |
| [Four World Trade Center](https://en.wikipedia.org/wiki/Four_World_Trade_Center) (Tower 4) |
| [Five World Trade Center](https://en.wikipedia.org/wiki/Five_World_Trade_Center) (Tower 5) |
| [Seven World Trade Center](https://en.wikipedia.org/wiki/Seven_World_Trade_Center) (Tower 7) |
| **Memorial and museum** |
| [National September 11 Memorial & Museum](https://en.wikipedia.org/wiki/National_September_11_Memorial_%26_Museum) |
| **Transit** |
| [Transportation Hub](https://en.wikipedia.org/wiki/World_Trade_Center_(PATH_station)) |

**Two World Trade Center** (also known by its street address, **200 Greenwich Street**) is a planned 88-story [skyscraper](https://en.wikipedia.org/wiki/Skyscraper) that is currently under construction, as part of the new [World Trade Center](https://en.wikipedia.org/wiki/World_Trade_Center) complex in [Lower Manhattan](https://en.wikipedia.org/wiki/Lower_Manhattan) of [New York City](https://en.wikipedia.org/wiki/New_York_City). The tower is to be located in the northeast corner of the 16-acre (6.5 ha) World Trade Center site, where the former 5 World Trade Center stood, with the original [2 WTC](https://en.wikipedia.org/wiki/List_of_tenants_in_Two_World_Trade_Center) offset to the southwest. Upon its completion, 2 WTC will be the second tallest skyscraper on the [World Trade Center site](https://en.wikipedia.org/wiki/World_Trade_Center_site) and the third tallest in New York City, following [One World Trade Center](https://en.wikipedia.org/wiki/One_World_Trade_Center) and [432 Park Avenue](https://en.wikipedia.org/wiki/432_Park_Avenue).

**Background**

**Planned layout**



Preliminary site plans for the World Trade Center rebuild.

2 WTC has a planned height of 1,270 feet (387 m), with a tripod-shaped antenna that allows the building to reach a total height of 1,359 feet (414 m). In comparison, the [Empire State Building](https://en.wikipedia.org/wiki/Empire_State_Building)'s roof at the 102nd floor is 1,250 feet (381 m) tall, and its antenna at 1,454 ft (443 m); the roof of the original 2 World Trade Center (often referred to as the "South Tower") was 1,362 feet (415 m) tall. The structural engineer for the building is WSP Cantor Seinuk, New York City. The Curtain Wall/Cladding consultant for the building is Permasteelisa SPA. The tower will consist of 60 office floors, 4 trading floors, 5 retail levels, and 11.5 mechanical floors. The total floor space of 200 Greenwich Street is anticipated to include 2.4 million square feet (220,000 square meters) of office space and another 130,000 square feet (12,000 square meters) for retail shops and access areas to the underground [PATH](https://en.wikipedia.org/wiki/Port_Authority_Trans-Hudson) railway.

**Design**

Designed by [Foster and Partners](https://en.wikipedia.org/wiki/Foster_and_Partners), [London](https://en.wikipedia.org/wiki/London), Two World Trade Center will have a mostly glass facade. There is an indentation along the center of each side of the building, giving the impression of four distinct blocks. The top of the tower is sheared off at an angle, creating a sloping roof consisting of four diamonds inclined toward the [memorial park](https://en.wikipedia.org/wiki/National_September_11_Memorial_%26_Museum). These will provide a visual marker on the skyline to where the original twin towers stood. In order to incorporate WTC master planner [Daniel Libeskind](https://en.wikipedia.org/wiki/Daniel_Libeskind)'s "wedge of light" concept, the shape of the tower was pulled back from the street so that every September 11 it will cast no shadow on the [memorial park](https://en.wikipedia.org/wiki/National_September_11_Memorial_%26_Museum).

200 Greenwich Street is designed to be both safe and environmentally friendly, as are the other towers in the new WTC complex. Security features include extra-wide, pressurized, and filtered stairwells, reinforced steel and concrete throughout, a central concrete core protecting the stairwells, elevators, and plumbing systems, emergency lighting, and [glow-in-the-dark](https://en.wikipedia.org/wiki/Phosphorescence) paint. The building, when constructed, is also expected to attain a [Leadership in Energy and Environmental Design](https://en.wikipedia.org/wiki/Leadership_in_Energy_and_Environmental_Design) (LEED) Gold Certification.

**Construction**

2 WTC foundation work began on June 1, 2010, and lasted until late 2011. In November 2010, three [PureCell](https://en.wikipedia.org/wiki/PureCell_System) [fuel cells](https://en.wikipedia.org/wiki/Fuel_cell) were delivered at the World Trade Center site which together will provide about 30% of the tower's power. In summer 2011, the sub-grade structural steel erection began along with two cranes active on site. On September 29, 2011, 2 WTC reached street level with most of its foundations installed. As of the beginning of 2012, according to the online skyscraper database [Emporis](https://en.wikipedia.org/wiki/Emporis), the building's foundations had been completed and the work on the lower podium was beginning. By February 2012, the core concrete was up to street level, along with the surrounding steel. The podium was expected to be completed - and capped - up to street level by August 2012; the completion date of the building is dependent on market demand of the World Trade Center but it is expected to be finished in 2014-2016.

**Future**

Two World Trade Center was originally scheduled to be completed sometime between 2012 and 2014, with [Silverstein Properties](https://en.wikipedia.org/wiki/Silverstein_Properties) starting tower construction while the rest of the [World Trade Center site](https://en.wikipedia.org/wiki/World_Trade_Center_site) develops and attracts more office tenants. The building was completed to [grade](https://en.wikipedia.org/w/index.php?title=Grade_level_(construction)&action=edit&redlink=1) in December 2011. Completion of the tower might take place somewhere between 2014 and 2016 and cost about 3 billion US dollars.

**See also**

* [Buildings and architecture of New York City](https://en.wikipedia.org/wiki/Buildings_and_architecture_of_New_York_City)
* [List of tallest buildings in New York City](https://en.wikipedia.org/wiki/List_of_tallest_buildings_in_New_York_City)
* [Tallest buildings in the United States](https://en.wikipedia.org/wiki/Tallest_buildings_in_the_United_States)
* [World Trade Center](https://en.wikipedia.org/wiki/World_Trade_Center)

This page was last modified on 17 March 2013 at 05:52.