**Four World Trade Center**

From Wikipedia, the free encyclopedia

|  |  |
| --- | --- |
| **Four World Trade Center** | |
| Four World Trade Center on December 15, 2012. | |
| **Alternative names** | 4 WTC 150 Greenwich Street |
| **General information** | |
| **Status** | [Topped-out](https://en.wikipedia.org/wiki/Topping_out) |
| **Type** | Office |
| **Architectural style** | [Modern](https://en.wikipedia.org/wiki/Modern_architecture) |
| **Location** | 150 Greenwich Street [New York City](https://en.wikipedia.org/wiki/New_York_City), [New York](https://en.wikipedia.org/wiki/New_York) |
| [**Coordinates**](https://en.wikipedia.org/wiki/Geographic_coordinate_system) | [40°42′37″N 74°00′43″W﻿ / ﻿40.710409°N 74.011933°W﻿ / 40.710409; -74.011933](http://toolserver.org/~geohack/geohack.php?pagename=Four_World_Trade_Center&params=40.710409_N_-74.011933_E_type:landmark_region:US-NY)[Coordinates](https://en.wikipedia.org/wiki/Geographic_coordinate_system): [40°42′37″N 74°00′43″W﻿ / ﻿40.710409°N 74.011933°W﻿ / 40.710409; -74.011933](http://toolserver.org/~geohack/geohack.php?pagename=Four_World_Trade_Center&params=40.710409_N_-74.011933_E_type:landmark_region:US-NY) |
| **Construction started** | 2008 |
| **Estimated completion** | Full Tower: October 2013  Topped Out: June 25, 2012 |
| **Height** | |
| **Roof** | 298 m (978 ft) |
| **Technical details** | |
| **Floor count** | 72 |
| **Floor area** | 2,500,000 sq ft (230,000 m2) |
| **Design and construction** | |
| **Architect** | [Fumihiko Maki](https://en.wikipedia.org/wiki/Fumihiko_Maki) |
| **Developer** | [Silverstein Properties](https://en.wikipedia.org/wiki/Silverstein_Properties) |
| **Structural engineer** | [Leslie E. Robertson Associates](https://en.wikipedia.org/wiki/Leslie_Robertson) |
| **Main contractor** | [Tishman Construction](https://en.wikipedia.org/wiki/Tishman_Construction) |
| **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](https://en.wikipedia.org/wiki/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** (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)) |

**Four World Trade Center** (also known by its street address, **150 Greenwich Street**) is a [skyscraper](https://en.wikipedia.org/wiki/Skyscraper) under construction as part of the new [World Trade Center](https://en.wikipedia.org/wiki/World_Trade_Center) complex in [New York City](https://en.wikipedia.org/wiki/New_York_City). It is located on the southeast corner of the 16-acre [World Trade Center site](https://en.wikipedia.org/wiki/World_Trade_Center_site), where the original nine-story 4 World Trade Center stood. [Pritzker Prize](https://en.wikipedia.org/wiki/Pritzker_Prize)-winning architect [Fumihiko Maki](https://en.wikipedia.org/wiki/Fumihiko_Maki) was awarded the contract to design the building, which will be 978 feet (298 m) tall. As of right now it is the second tallest skyscraper on the rebuilt World Trade Center site behind [One World Trade Center](https://en.wikipedia.org/wiki/One_World_Trade_Center), although [Two World Trade Center](https://en.wikipedia.org/wiki/Two_World_Trade_Center) and [Three World Trade Center](https://en.wikipedia.org/wiki/Three_World_Trade_Center) are planned to surpass the building's height upon completion. The total floor space of the building is anticipated to include 1.8 million square feet (167,000 square meter) of office and retail space. The building's groundbreaking took place in January 2008, and it is scheduled to be completed by 2013. The structural engineer for the building is [Leslie E. Robertson](https://en.wikipedia.org/wiki/Leslie_E._Robertson) Associates, New York City.

**Original building (1975-2001)**

The original **4 World Trade Center** was a 9-story low-rise office building completed in 1975 that was 118 ft (36 m) tall and in the southeast corner of the site, in [Lower Manhattan](https://en.wikipedia.org/wiki/Lower_Manhattan), [New York City](https://en.wikipedia.org/wiki/New_York_City). The building's major tenants were [Deutsche Bank](https://en.wikipedia.org/wiki/Deutsche_Bank) (Floor 4, 5, and 6) and the [New York Board of Trade](https://en.wikipedia.org/wiki/New_York_Board_of_Trade) (Floors 7, 8, and 9). The building's side facing Liberty Street housed the entrance to [The Mall at the World Trade Center](https://en.wikipedia.org/wiki/The_Mall_at_the_World_Trade_Center) on the Concourse level of the WTC. It was damaged beyond repair as a result of the [September 11 attacks](https://en.wikipedia.org/wiki/September_11_attacks) and was later demolished to make way for the construction of the new skyscrapers, [Four World Trade Center](https://en.wikipedia.org/wiki/150_Greenwich_Street) and [Three World Trade Center](https://en.wikipedia.org/wiki/Three_World_Trade_Center). 4 World Trade Center was home to five commodities exchanges on what was at the time one of the world's largest trading floors (featured in the [Eddie Murphy](https://en.wikipedia.org/wiki/Eddie_Murphy) movie [*Trading Places*](https://en.wikipedia.org/wiki/Trading_Places)). The new Four World Trade Center and [Three World Trade Center](https://en.wikipedia.org/wiki/Three_World_Trade_Center) will stand where 4 World Trade Center formerly stood.

**Current building (2008-present)**

**Planned occupancy**



4 World Trade Center on December 15, 2012, from the northeast face.

(PANYNJ) plans to lease approximately 600,766 square feet (55,700 square meters) in 150 Greenwich for its new headquarters. PANYNJ was formerly headquartered in 1 World Trade Center before it was destroyed. The Port Authority signed a 30 year lease. The building will dedicate the space on the lower levels for use by [retail](https://en.wikipedia.org/wiki/Retail) businesses and also provide access to an underground "retail and transportation concourse" which will be connected to the [PATH](https://en.wikipedia.org/wiki/Port_Authority_Trans-Hudson) terminal at the site.

The city of New York also plans to lease 581,642 square feet (54,036.3 m2) in the completed building.

**Planned layout**

The above-ground portion of the building dedicated for retail use (which consists of the ground floor, the three floors immediately above the ground floor as well as the two floors below ground), the building will accommodate offices using two distinct floor shapes. From floors 7 through 46, the typical floor space will be 36,350 square feet (3,376 square meters) in the shape of a [parallelogram](https://en.wikipedia.org/wiki/Parallelogram) (which is designed to echo the configuration of the site). From floors 48 through 63 the floor space will be 28,000 sq ft (2,600 square meters) in the shape of a [trapezoid](https://en.wikipedia.org/wiki/Trapezoid), shaped so that it opens toward the tip of [Manhattan Island](https://en.wikipedia.org/wiki/Manhattan_Island) and also triangulated to face One World Trade Center. The tower will include five levels of [mechanical floors](https://en.wikipedia.org/wiki/Mechanical_floors). The New York Power Authority selected [UTC Power](https://en.wikipedia.org/wiki/UTC_Power) to provide 12 [PureCell](https://en.wikipedia.org/wiki/PureCell_System) Model 400 fuel cells to will be used to provide electricity, water and heat. Combined, the systems will rank as one of the largest installations of fuel cells in the world, according to the developer.

**Construction**

Groundbreaking took place in 2008. The building reached street level in November 2009. The safety cocoon was installed December 2010. The first glass was installed May 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.

On February 16, 2012, one of the building's construction crane cables snapped while lifting steel, causing the steel to fall 40 stories from the building, landing on a flatbed truck. No injuries were reported. Construction on the building eventually resumed after the accident.

Four World Trade Center was topped out on June 25, 2012.

As of March 2, 2013, the progress and the list of construction activities at the 4 World Trade Center site include:

Curtain wall installation began in late April 2011 and is now above floor 70

Utility work is active along Liberty Street (inside the work site fence line)

TCO is expected in appx. October 2013

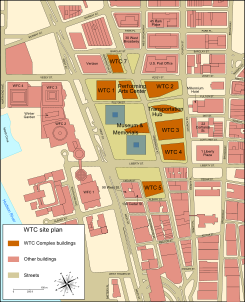
Fireproofing and masonry underway

Below-grade mechanical work underway

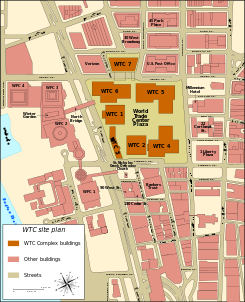
Elevator installation work underway

Steel topped out at floor 72 in spring 2012

The tower's substructure reached grade in mid-November 2009



Preliminary site plans for the World Trade Center rebuild.



Original Ste Plan, with 4 WTC at the southeast corner.

**Construction gallery**



Construction on March 26, 2011.



Construction on August 7, 2011.



Alternate view of the building in early August 2011.



Construction on October 4, 2011.



Construction on January 16, 2012.



Construction on March 12, 2012.



Construction on September 1, 2012



Construction on October 17, 2012.



Construction on November 10, 2012.

**Original building**



NOAA Aerial image days after the attacks. North is approximately on the upper right corner of the photo.



4 WTC, southeast corner. WTC building remains and neighboring buildings (Note the original footprints of the Twin Towers and 7 WTC).

**See also**

* [List of tallest buildings in New York City](https://en.wikipedia.org/wiki/List_of_tallest_buildings_in_New_York_City)
* [List of tenants in Four World Trade Center](https://en.wikipedia.org/wiki/List_of_tenants_in_Four_World_Trade_Center)
* [World Trade Center](https://en.wikipedia.org/wiki/World_Trade_Center)
* [Marriott World Trade Center](https://en.wikipedia.org/wiki/Marriott_World_Trade_Center)
* [5 World Trade Center](https://en.wikipedia.org/wiki/5_World_Trade_Center)
* [6 World Trade Center](https://en.wikipedia.org/wiki/6_World_Trade_Center)
* [7 World Trade Center](https://en.wikipedia.org/wiki/7_World_Trade_Center)

[Categories](https://en.wikipedia.org/wiki/Help:Categories):

* [World Trade Center](https://en.wikipedia.org/wiki/Category:World_Trade_Center)
* [Skyscrapers in Manhattan](https://en.wikipedia.org/wiki/Category:Skyscrapers_in_Manhattan)
* [Office buildings in New York City](https://en.wikipedia.org/wiki/Category:Office_buildings_in_New_York_City)
* [Buildings and structures under construction in the United States](https://en.wikipedia.org/wiki/Category:Buildings_and_structures_under_construction_in_the_United_States)
* [Fumihiko Maki buildings](https://en.wikipedia.org/wiki/Category:Fumihiko_Maki_buildings)
* [Buildings and structures completed in 1977](https://en.wikipedia.org/wiki/Category:Buildings_and_structures_completed_in_1977)
* [Buildings destroyed in the September 11 attacks](https://en.wikipedia.org/wiki/Category:Buildings_destroyed_in_the_September_11_attacks)

Hidden categories:

* [Pages using web citations with no URL](https://en.wikipedia.org/wiki/Category:Pages_using_web_citations_with_no_URL)
* [Articles needing additional references from January 2012](https://en.wikipedia.org/wiki/Category:Articles_needing_additional_references_from_January_2012)
* [All articles needing additional references](https://en.wikipedia.org/wiki/Category:All_articles_needing_additional_references)
* [Commons category template with no category set](https://en.wikipedia.org/wiki/Category:Commons_category_template_with_no_category_set)

This page was last modified on 25 March 2013 at 01:46.