**Five World Trade Center**

From Wikipedia, the free encyclopedia

|  |  |
| --- | --- |
| **Five World Trade Center** | |
| *130 Liberty Street* | |
| Current design | |
| **General information** | |
| **Status** | On Hold |
| **Type** | Office |
| **Location** | 130 Liberty Street New York City, United States |
| [**Coordinates**](https://en.wikipedia.org/wiki/Geographic_coordinate_system) | [40°42′37″N 74°0′46″W﻿ / ﻿40.71028°N 74.01278°W﻿ / 40.71028; -74.01278](http://toolserver.org/~geohack/geohack.php?pagename=Five_World_Trade_Center&params=40_42_37_N_74_0_46_W_type:landmark_region:US-NY)[Coordinates](https://en.wikipedia.org/wiki/Geographic_coordinate_system): [40°42′37″N 74°0′46″W﻿ / ﻿40.71028°N 74.01278°W﻿ / 40.71028; -74.01278](http://toolserver.org/~geohack/geohack.php?pagename=Five_World_Trade_Center&params=40_42_37_N_74_0_46_W_type:landmark_region:US-NY) |
| **Construction started** | September 9, 2011 |
| **Height** | |
| **Roof** | 743 ft (226 m) |
| **Technical details** | |
| **Floor count** | 42 |
| **Floor area** | 1,300,000 square feet (120,770 m²) |
| **Design and construction** | |
| **Architect** | [Kohn Pedersen Fox](https://en.wikipedia.org/wiki/Kohn_Pedersen_Fox) |
| **Developer** | [Port Authority of New York and New Jersey](https://en.wikipedia.org/wiki/Port_Authority_of_New_York_and_New_Jersey) |

|  |
| --- |
| **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](https://en.wikipedia.org/wiki/Four_World_Trade_Center) (Tower 4) |
| **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)) |

**Five World Trade Center**, also referred to by its street address **130 Liberty Street**, is a 42-story [World Trade Center](https://en.wikipedia.org/wiki/World_Trade_Center_site) building proposed in New York City. It was planned to be situated on Site 5 of the new World Trade Center complex, but not fully part of the main 16-acre (6.5 ha) plot of land as the other four buildings, that was the original [World Trade Center site](https://en.wikipedia.org/wiki/World_Trade_Center_site). At one time, the building was planned for the former [Deutsche Bank Building](https://en.wikipedia.org/wiki/Deutsche_Bank_Building) site. In June 2007, [JPMorgan Chase](https://en.wikipedia.org/wiki/JPMorgan_Chase) announced plans to develop the building as a new J.P. Morgan Investment Bank world headquarters however, JPMorgan's March 2008 acquisition of [Bear Stearns](https://en.wikipedia.org/wiki/Bear_Stearns) put those plans in doubt, given the company will relocate its J.P. Morgan Investment Bank headquarters to [383 Madison Avenue](https://en.wikipedia.org/wiki/383_Madison_Avenue). This building shares its name with the original 5 WTC, which was heavily damaged during the collapse of the North Tower. It was the least damaged building of the World Trade Center complex and was later demolished by weakening its internal structure and using cables to pull down the rest of the structure, the same way [4 World Trade Center](https://en.wikipedia.org/wiki/4_World_Trade_Center) and [6 World Trade Center](https://en.wikipedia.org/wiki/6_World_Trade_Center) were demolished.

**Original building (1970-2002)**

Five World Trade Center (5 WTC) was originally a steel-framed nine-story low-rise [office building](https://en.wikipedia.org/wiki/Office_building) built in 1970–72 at [New York City](https://en.wikipedia.org/wiki/New_York_City)'s [World Trade Center](https://en.wikipedia.org/wiki/World_Trade_Center) and was 118 ft (36 m) tall. It suffered severe damage and partial collapse on its upper floors as a result of the [September 11 attacks](https://en.wikipedia.org/wiki/September_11_attacks) in 2001. The entire building was demolished by January 2002 to make way for reconstruction.



5 World Trade Center from the corner of Church & Vesey Streets

The structure was "¬"-shaped and occupied the northeast corner of the WTC site. Overall dimensions were 330 by 420 feet (100 by 130 meters), with an average area of 120,000 square feet (11,000 m²) per floor.

The [World Trade Center](https://en.wikipedia.org/wiki/World_Trade_Center_(IND_Eighth_Avenue_Line)) ([E](https://en.wikipedia.org/wiki/E_(New_York_City_Subway_service)) train) subway terminal was located under the building, and access into the station was available through the building. Shops and restaurants were in the building's underground concourse, including the largest [Borders](https://en.wikipedia.org/wiki/Borders_Group) bookstore in New York City, spread across three floors of 5 World Trade on the corner of the building adjacent to the intersection of Church Street and Vesey Street.

It was the location of the [Survivors' Staircase](https://en.wikipedia.org/wiki/Survivors%27_Staircase), which was recovered from the building's underground after 5 World Trade Center was demolished.

The proposed [Two World Trade Center](https://en.wikipedia.org/wiki/Two_World_Trade_Center) will stand at the site where the original 5 World Trade Center once stood.

**Damage resulting from the 9/11 Attacks**



Drawing of the original World Trade Center Complex. The "¬"-shaped building on the northeast corner of the site is 5 WTC.



Preliminary site plans for the World Trade Center rebuild.



A picture showing the remnants of the WTC Complex. The original outline of the entire site can be seen on the left the photo.

Five World Trade Center in a NOAA aerial image following September 11, 2001. North is approximately upper right on the image.

Floors 4 through 9 suffered partial collapse and/or fire damage. Floors 1–3 were undamaged. Some of the collapse was due to impact from steel and debris from World Trade Center 1 (North Tower). Other collapsed sections were due to fire damage. Portions of internal collapse and burnout were found on upper floors, mainly floors 6–8. The exterior facade suffered severe fire damage. The upper floors (5–9) were on fire after the second tower collapse. A section of the [fuselage](https://en.wikipedia.org/wiki/Fuselage) allegedly from [United Airlines flight 175](https://en.wikipedia.org/wiki/United_Airlines_flight_175) is claimed to have landed on the top of the building. WTC 5 was the least damaged building of the complex. The [Borders](https://en.wikipedia.org/wiki/Borders_Group) bookstore was undamaged after both towers collapsed.

The last standing section of 5 WTC was removed by January 2002.

**Structural analysis**

The [Federal Emergency Management Agency](https://en.wikipedia.org/wiki/Federal_Emergency_Management_Agency) (FEMA)/ASCE Building Performance Study Team found that some connections between the structural steel beams failed in the fire. This was most apparent in the collapse of World Trade Center Building 5, where the fireproofing did not protect the connections, causing the structure to fail. The structural failure didn't cause the entire building collapse, as seen after the attacks that the structural skeleton remained intact.

;

**Tenants**

Floor levels are indicated in parentheses, if known.

* [US Airways](https://en.wikipedia.org/wiki/US_Airways)
* [Charles Schwab](https://en.wikipedia.org/wiki/Charles_Schwab_Corp.) (Concourse level)
* [Sam Goody](https://en.wikipedia.org/wiki/Sam_Goody) (Concourse level)
* Perfumeria Milano (Concourse level)
* [American Airlines](https://en.wikipedia.org/wiki/American_Airlines) (Concourse level)
* Daniel Pehr, Inc. (Lobby)
* Children's Discovery Center (Plaza level)
* [Borders Books & Music](https://en.wikipedia.org/wiki/Borders_Group) (Plaza level)
* [Krispy Kreme](https://en.wikipedia.org/wiki/Krispy_Kreme) (Plaza level)
* [JPMorgan Chase](https://en.wikipedia.org/wiki/JPMorgan_Chase) (1)
* [FedEx](https://en.wikipedia.org/wiki/FedEx) (1)
* [DHL](https://en.wikipedia.org/wiki/DHL) (1)
* Affiliated Physicians of St. Vincent (3)
* World Trade Center Dental (3)
* [Morgan Stanley](https://en.wikipedia.org/wiki/Morgan_Stanley) (4,5,6)
* [Credit Suisse First Boston](https://en.wikipedia.org/wiki/Credit_Suisse_First_Boston) (7,8,9)
* NYS Court of Claims (8)
* Continental Forwarding (8)
* Lower Manhattan Cultural Council (9)
* [Howard Publications](https://en.wikipedia.org/wiki/Howard_Publications) (9)
* Council of State Governments (9)
* American Shipper (9)
* Our Planet Mgmt. Institute, Ltd. (9)
* Hunan Resources & Tech. Institute (9)

**Proposed building**

Tower Five was expected to be designed for residential or mixed use in the original master plan for the complex. The building was to have a height limit of 900 feet (270 m) and up to 1,500,000 square feet (140,000 m2) of space. Negotiations over the World Trade Center site concluded in April 2006 with private developer [Larry Silverstein](https://en.wikipedia.org/wiki/Larry_Silverstein) yielding his right to develop on the site designated for [One World Trade Center](https://en.wikipedia.org/wiki/One_World_Trade_Center) along with Tower Five to the [Port Authority of New York and New Jersey](https://en.wikipedia.org/wiki/Port_Authority_of_New_York_and_New_Jersey) in exchange for assistance in financing Towers [Two](https://en.wikipedia.org/wiki/200_Greenwich_Street), [Three](https://en.wikipedia.org/wiki/175_Greenwich_Street), and [Four](https://en.wikipedia.org/wiki/150_Greenwich_Street). The Deutsche Bank Building had been undergoing destruction since March 2007. Work along Liberty Street is currently preparing the northern quadrant of the site for development. On June 22, 2007 the [Port Authority of New York and New Jersey](https://en.wikipedia.org/wiki/Port_Authority_of_New_York_and_New_Jersey) announced that [JPMorgan Chase](https://en.wikipedia.org/wiki/JPMorgan_Chase) will spend $290 million to lease the site until the year 2011 for construction of a 42-story building.

**Construction history**

Following JPMorgan Chase's acquisition of [Bear Stearns](https://en.wikipedia.org/wiki/Bear_Stearns) in March 2008, the company announced plans to use existing Bear Stearns headquarters at [383 Madison Avenue](https://en.wikipedia.org/wiki/383_Madison_Avenue) as its new J.P. Morgan Investment Bank headquarters. The company later abandoned plans to occupy a skyscraper on the 130 Liberty Street site. A proposal to convert the planned office tower on the 130 Liberty Street site into a residential or mixed use tower was explored instead. On May 1, 2008, deconstruction of the former Deutsche Bank building resumed.

**2009**

On May 11, 2009, it was announced that the [Port Authority of New York and New Jersey](https://en.wikipedia.org/wiki/Port_Authority_of_New_York_and_New_Jersey) was seeking to cancel the construction of World Trade Center Tower 5 altogether as part of an overall plan to halve the amount of office space available in the fully reconstructed World Trade Center to 5 million square feet (465,000 m²). The agency, citing the recession and disagreements with developer Larry Silverstein, also proposed the reduction of [200 Greenwich Street](https://en.wikipedia.org/wiki/200_Greenwich_Street) and [175 Greenwich Street](https://en.wikipedia.org/wiki/175_Greenwich_Street) to "stump" buildings of approximately four stories.

It was proposed in July 2009 to move the planned construction site for the Performing Arts Center to the 130 Liberty Street location. The Performing Arts Center was planned to be constructed near the center of the World Trade Center site as part of the [National September 11 Memorial & Museum](https://en.wikipedia.org/wiki/National_September_11_Memorial_%26_Museum); at that location, however, the building's construction would not begin until 2015. The proposal did not specify whether the Performing Arts Center would occupy the entire site, thereby ending plans for a fifth World Trade Center tower, or if the center would become integrated into a new mixed use skyscraper on the site.

**2010**

On March 25, 2010, the Port Authority announced that it had assumed responsibility for the development of the Five World Trade Center site, in addition to [One World Trade Center](https://en.wikipedia.org/wiki/One_World_Trade_Center), the [National September 11 Memorial & Museum](https://en.wikipedia.org/wiki/National_September_11_Memorial_%26_Museum), the [transportation hub](https://en.wikipedia.org/wiki/World_Trade_Center_(PATH_station)), and site infrastructure. Towers 2, 3, and 4 would continue to be developed by Silverstein Properties.

On June 15, 2010, New York University had expressed interest in expanding to Tower 5 as part of its NYU 2031 program.

**2011**

On February 28, 2011, the [Deutsche Bank Building](https://en.wikipedia.org/wiki/Deutsche_Bank_Building) demolition work was completed, and construction of another WTC project, the Vehicle Security Center & Bus Parking Facilities has begun. Development of the site was officially given to the [Port Authority of New York and New Jersey](https://en.wikipedia.org/wiki/Port_Authority).

On September 1, 2011, the Port Authority of New York and New Jersey began construction to incorporate the site into the new WTC development, acting as its developer.

On October 14, 2011, [Governor Cuomo](https://en.wikipedia.org/wiki/Andrew_Cuomo) announced an agreement to rebuild the St. Nicholas Greek Orthodox Church at 130 Liberty Street. The Church would be located adjacent to the future Liberty Park, which would be built on top of the Vehicle Security Center.

On December 9, 2011, Phase 2 construction of the South bathtub, located on the site of 130 Liberty Street, continues with the excavation and concrete placement.

**2012**

Concrete placement and steel erection of the South Bathtub continues.

**Design**

The tower was designed by [Kohn Pedersen Fox](https://en.wikipedia.org/wiki/Kohn_Pedersen_Fox). It called for a 42-story building with a seven floor [cantilevered](https://en.wikipedia.org/wiki/Cantilever) section starting at the 12th floor. This section of the building would have housed JPMorgan Chase's large trading floors and risen above the new [St. Nicholas Greek Orthodox Church](https://en.wikipedia.org/wiki/St._Nicholas_Greek_Orthodox_Church).

**See also**

* [World Trade Center site](https://en.wikipedia.org/wiki/World_Trade_Center_site)
* [World Trade Center Memorial](https://en.wikipedia.org/wiki/World_Trade_Center_Memorial)
* [List of tallest buildings in New York City](https://en.wikipedia.org/wiki/List_of_tallest_buildings_in_New_York_City)
* [St. Nicholas Greek Orthodox Church](https://en.wikipedia.org/wiki/St._Nicholas_Greek_Orthodox_Church)
* [4 World Trade Center](https://en.wikipedia.org/wiki/4_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)

This page was last modified on 15 March 2013 at 16:08.