

# Seven World Trade Center



## Identification

<b>EBN</b>	114932
<b>Name</b>	Seven World Trade Center
<b>Alternative Name</b>	7 World Trade Center, Tishman Center
<b>Construction Type</b>	skyscraper
<b>Complex Type</b>	office complex
<b>Complex Name</b>	World Trade Center
<b>Current Status</b>	demolished [destroyed]

## Location

<b>Continent Name</b>	North America	<b>District (2nd level)</b>	Financial District
<b>Country Name</b>	U.S.A.	<b>Block Number</b>	<a href="#">Buy full PDF</a>
<b>State Name</b>	New York	<b>Postcode</b>	10048

<b>Metro Area Name</b>	New York-Newark-Bridgeport Metro Area	<b>Address (as text)</b>	Washington Street to West Broadway, Vesey to Barclay Streets
<b>City Name</b>	New York City	<b>Main Address</b>	7 World Trade Center
<b>District (1st level)</b>	Manhattan	<b>Virtual Address</b>	60-82 Barclay Street 209-221 Washington Street 72-86 Vesey Street

### Description

<b>Structural Material</b>	steel	<b>Facade Color</b>	black light red red
<b>Facade System</b>	curtain wall	<b>Architectural style</b>	modernism
<b>Facade Material</b>	granite	<b>Main Usage</b>	commercial office

### Spatial dimensions

<b>Height (structural)</b>	570.01 ft	<b>Floors (overground)</b>	47
<b>Height (tip)</b>	570.01 ft	<b>Usable Floor Area (UFA)</b>	<a href="#">Buy full PDF</a>
<b>Height (roof)</b>	570.01 ft		

### Years and costs

<b>Year (construction start)</b>	1985	<b>Year (construction end)</b>	1987
----------------------------------	------	--------------------------------	------

### Facts

- Although not small by any standards -- built on Port Authority land, it was exempt from zoning regulations and could occupy the whole trapezoidal plot with no setbacks -- the building's floor space and height of 160 m were obviously dwarfed by its older twin brothers

### Need additional information? Contact us now!

Phone	<b>+49 40 6094 6494 0</b>	Hamburg	09:00 am - 07:00 pm
Phone	<b>+1 250 483 7089</b>	New York	03:00 am - 01:00 pm
Email	<b>sales@emporis.com</b>	Tokyo	04:00 pm - 02:00 am

- In front of the building, on the WTC compound plaza level, stood Alexander Calder's 8-meter steel sculpture Three Red Wings as well as pedestrian bridges over Vesey Street from the WTC compound, with a round plexiglass tube covering the eastern one.
- As the existing foundations through the substation building were mostly not aligned with the perimeter colonnade of the new tower, they had to be fitted with concrete caps to allow transfer of loads to the foundations.
- The building collapsed during the terrorist attack on the WTC in September 2001, having been structurally weakened by the destruction of the nearby WTC towers.
- Having existed for less than 14 years, the building had one of the shortest lifespans of a skyscraper in history.
- For the core, the loads were transferred through a heavily braced foundation slab. 50 new foundation "caissons" were built, most of which had to be squeezed through the substation building.
- The building's appearance and its alternating facing -- horizontal glass striping on the Barclay and Vesey Street sides and red granite, holed by smaller windows, on the other two -- set it apart also visually from the Twin Towers of the late 1960s.
- Although a part of the WTC in name, the building was on a separate ground lease and tax lot from the rest of the Center. 7 WTC was built atop the power substation building that supplied much of Downtown Manhattan with electricity.
- The new Seven World Trade Center was built on the site.
- A federal report concluded that the building collapsed because the debris from the other WTC towers ignited the diesel fuel lines running in the base of the building, triggering the collapse.

## Involved companies

*Architect*.....

**Emery Roth & Sons**

3 West 57th Street  
10019 New York City  
U.S.A.

Phone +1 212 751 4188  
Fax +1 212 751 6388

*Geotechnical Engineering*.....

**Mueser Rutledge Consulting Engineers**

14 Penn Plaza, 225 West 34th Street  
10122 New York City  
U.S.A.

Phone +1 917 339 9300  
Fax +1 917 339 9400  
Email info@mrce.com

## Additional company data available for this building

**Concrete Supplier**      [Buy full PDF](#)      **Lightning Protection**      [Buy full PDF](#)

### Need additional information? Contact us now!

Phone	<b>+49 40 6094 6494 0</b>	Hamburg	09:00 am - 07:00 pm
Phone	<b>+1 250 483 7089</b>	New York	03:00 am - 01:00 pm
Email	<b>sales@emporis.com</b>	Tokyo	04:00 pm - 02:00 am

<b>Demolition Company</b>	<a href="#">Buy full PDF</a>	<b>Owner</b>	<a href="#">Buy full PDF</a>
<b>Developer</b>	<a href="#">Buy full PDF</a>	<b>Structural Engineering</b>	<a href="#">Buy full PDF</a>
<b>Facade Maintenance System Installation</b>	<a href="#">Buy full PDF</a>	<b>Wind Surveyor</b>	<a href="#">Buy full PDF</a>
<b>General Contractor</b>	<a href="#">Buy full PDF</a>		

### Need additional information? Contact us now!

Phone **+49 40 6094 6494 0**  
Phone **+1 250 483 7089**  
Email **sales@emporis.com**

Hamburg 09:00 am - 07:00 pm  
New York 03:00 am - 01:00 pm  
Tokyo 04:00 pm - 02:00 am

# Get Emporis Research today and benefit from our worldwide database now!



## Analyze buildings, construction markets, regions and competitors

- 450,000 buildings from a wide range of categories such as residential, office, retail, hospitality and many more
- Choose from a broad range of regional data packages – or create your own
- Powerful and fast search for in-depth analysis
- Detailed search queries in over 50 data fields, e.g. filter by location, size, status, building usage and construction types
- Generate customized lists of construction projects and involved companies

## Generate leads and explore new business opportunities

- Get contact information for over 160,000 companies
- Search for companies related to specific construction projects or generate lists according to particular fields of activity
- Find new clients and business partners or connect with key players in new markets
- Forecast trends and future market growth
- Spend less time researching, and more time doing business



## Keep up to date and ahead of your competitors

- Get constantly-reviewed data from around the globe
- 24/7 access to the database from anywhere in the world
- View detailed information about existing buildings as well as those planned and under construction
- Save your searches for easy future reference
- Receive email notifications about new content fitting your criteria

## Download data and put it to work

- Export information easily to CSV/Excel files
- Individually select data fields for your specific needs
- Integrate the data into your own internal system
- Provide your staff with actionable data
- Benefit from limitless downloads within your chosen package



## Need additional information? Contact us now!

Phone **+49 40 6094 6494 0**  
Phone **+1 250 483 7089**  
Email **sales@emporis.com**

Hamburg  
New York  
Tokyo

09:00 am - 07:00 pm  
03:00 am - 01:00 pm  
04:00 pm - 02:00 am