ONE WORLD TRADE CENTER

The Port Authority of New York and New Jersey's One World Trade Center is redefining Lower Manhattan's New York skyline. Standing at a symbolic 1,776 feet tall, the architectural and engineering marvel is an ever-present symbol of renewal and hope. Designed by renowned architect David Childs, of Skidmore, Owings and Merrill, LLP, One World Trade Center incorporates new architectural and environmental standards, setting a new level of social responsibility in urban design.

The 104-story building, a joint venture between The Port Authority of New York and New Jersey and The Durst Organization, is designed to be the safest commercial structure in the world and the premier commercial business address in New York. It will feature 3 million square feet of office space on 71 office floors, a grand public lobby, and an observation deck offering unparalleled views of the region. Currently One World Trade Center is more than 55 percent leased, with world-class publisher Condé Nast as its anchor tenant. Conde Nast will occupy nearly 1.2 million square feet to house its global headquarters, along with the Vantone China Center, which has leased 190,000 square feet, and the U.S. General Services Administration which will lease more than 270,000 square feet of space under a 20-year agreement.

The New Standard in Design

The ultra-modern design of One World Trade Center is an innovative mix of architecture, safety and sustainability. The building's simplicity and clarity of form are timeless, extending the long tradition of American ingenuity in high-rise construction. One World Trade Center will be a new visual landmark for New York and the United States.Its structure is designed around a strong, redundant steel frame, consisting of beams and columns. Paired with a concrete-core shear wall, the redundant steel frame lends substantial rigidity and redundancy to the overall building structure while providing column-free interior spans for maximum flexibility. The building incorporates highly advanced state-of-the-art life-safety systems that exceed the requirements of the New York City Building Code and that will lead the way in developing new innovative technology for high-rise building standards.

A New Level of Social Responsibility in Urban Design

Through unprecedented collaborations with technology and energy leaders throughout the world, One World Trade Center's design team used the latest methods to maximize efficiency, minimize waste and pollution, conserve water, improve air quality and reduce the impacts of the development. Taking advantage of the next generation of innovative energy sources, as well as off-site renewable wind and hydro power, One World Trade Center is slated to be both safe and environmentally friendly.

Unsurpassed Access

Workers commuting to One World Trade Center will enjoy unprecedented access to mass transit service. Dazzling new climate-controlled corridors will connect One World Trade Center to the WTC Transportation Hub and the new PATH terminal, 11 NYC Transit subway lines and the new Fulton Street Transit Center, the World Financial Center and ferry terminal, underground parking and world-class shopping and dining. One World Trade Center's location in Lower Manhattan positions it in close proximity to amenities at the World Financial Center, Battery Park City and the new West Side Promenade, as well as offers easy access to Tribeca, South Street Seaport and Wall Street. Neighborhood amenities include world-class shopping and a riverfront walkway in a mixed-use community that is active 24/7.

One WTC Construction Status

- Steel installation is complete.
- Installation of concrete floors is complete.
- Installation of podium glass is underway.

One WTC Building Facts

- New York's tallest skyscraper stands at a symbolic 1,776 feet.
- 3 million square feet Class (A) office space.
- Public observation deck on floors 100 to 102.

One WTC Safety and Security Features

- Safety systems exceed code requirements.
- Elevators housed in protected central building core.
- Protected tenant collection point on each floor.
- Dedicated staircase for use by firefighters.
- Extra-wide pressurized staircases.
- Concrete-protected sprinklers, emergency risers and communication systems.
- Enhanced emergency communication cabling.

One WTC Green Features

- Most environmentally sustainable project of its size in the world.
- LEED Gold Certification.
- Energy performance exceeds code requirements by 20%.
- Cooling systems use reclaimed rainwater.
- Waste steam helps generate electricity.

http://www.panynj.gov/wtcprogress/index.html