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Posted on: June 22, 2015



# One World Trade Center

## Skidmore, Owings & Merrill (SOM)

**LOCATION**

New York

**TEAM**

Design: Schlaich  
Bergemann und Partner,  
WSP Cantor Seinuk  
Peer Review: Leslie E.  
Robertson Associates  
MEP Engineer: Jaros  
Baum & Bolles  
Project Manager: Tishman  
Construction, STV  
Contractor: DCM Erectors  
Inc., Tishman  
Construction  
AECOM  
Facade: Benson  
Industries; Permasteelisa

**PROJECT DESCRIPTION**

*The Council on Tall Buildings and Urban Habitat (CTBUH) recently named the building as a regional winner (Americas) in its 2015 Best Tall Buildings Awards. [Read the full story.](#)*

**FROM THE ARCHITECTS:**

Completed in 2014, One World Trade Center recaptures the New York skyline, reasserts downtown Manhattan's preeminence as a business center, and establishes a new civic icon for the country. It is a memorable architectural landmark for the city and the nation — a building whose simplicity and clarity of form will remain fresh and timeless. Extending the long tradition of American ingenuity in high-

Group  
Geotechnical: Mueser,  
Rutledge, Wentworth &  
Johnston  
Observatory: The Hettema  
Group  
Project Management:  
Jones Lang LaSalle  
Wind: RWDI  
Material Suppliers: CS  
Group Construction  
Specialties Company,  
Viracon (Cladding);  
ThyssenKrupp (Cladding);  
Down Corning (Sealants);  
AreclorMittal (Steel)

**PROJECT STATUS**

[Built](#)

**YEAR COMPLETED**

[2015](#)

**SIZE**

3,500,000 sq. feet

**TYPE**

[Mixed-Use](#)

[Office](#)

[Commercial](#)

**SCOPE**

[New Construction](#)

**STYLE**

[Urban](#)

[Modern](#)

rise construction, the design solution is an innovative mix of architecture, structure, urban design, safety, and sustainability.

One World Trade Center is a bold icon in the sky that acknowledges the adjacent memorial. While the memorial, carved out of the earth, speaks of the past and of remembrance, One World Trade Center speaks about the future and hope as it rises upward in a faceted form filled with, and reflecting, light. This tower evokes the slender, tapering triangular forms of great New York City icons such as the Chrysler Building and Empire State Building and replaces almost one quarter of the office space lost on September 11, 2001.

As the tower rises from a cubic base, its edges are chamfered back, resulting in a faceted form composed of eight elongated isosceles triangles. At its middle, the tower forms a perfect octagon in plan and then culminates in a glass parapet whose plan is a 150-foot-by-150-foot square, rotated 45 degrees from the base. Its overall effect is that of a crystalline form that captures an ever-evolving display of refracted light. As the sun moves through the sky or we move around the tower, the surfaces appear like a kaleidoscope, and will change throughout the day as light and weather conditions change.

[Read more about the project.](#)

Project credits courtesy the [CTBUH](#).