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# WORLD TRADE CENTER TOWER 4

150 Greenwich Street

New York, New York, U.S.A.

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<b>TYPE OF PROJECT:</b>	New Construction
<b>BUILDING TYPE:</b>	Commercial
<b>OWNER/CLIENT:</b>	Silverstein Properties Inc.
<b>ARCHITECTS:</b>	Maki & Associates, Adamson Associates
<b>START DATE:</b>	2007
<b>COMPLETION DATE:</b>	2013
<b>FLOORS:</b>	72
<b>HEIGHT:</b>	977 ft
<b>TOTAL SQUARE FEET:</b>	2.5 Million
<b>USGBC® RATING:</b>	LEED Gold
<b>SERVICES:</b>	Exterior Wall Consulting and Monitoring



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World Trade Center (WTC) Tower 4 is part of the World Trade Center redevelopment project taking place in lower Manhattan. The building will consist of an estimated 56 floors of office space and five floors of retail and access to the PATH entrance. The building will be clad in a floor-to-ceiling glass curtain wall. Vidaris assisted the client in evaluation of several innovative glass compositions to help achieve the architect's elegant design. Vidaris played a key role in the design assist process that spanned many months working along side the client, architect, project engineers and the curtain wall vendor. Construction administration services provided by Vidaris include shop drawing review, witnessing of laboratory and field mock-ups and site/shop monitoring to ensure conformance with construction documents.

Vidaris developed the overall green/LEED thrust for One World Trade Center; this direction was subsequently used for the three other Silverstein towers of the World Trade Center complex. For Tower 4, Vidaris performed a three-dimensional heat-flow analysis of the building envelope, in an area where the steel structure penetrates the glass enclosure. This analysis was intended to highlight means of reducing the potential for moisture condensation.

Vidaris had an early involvement with the World Trade Center buildings. We provided green/sustainable consulting to the Beyer Blinder Belle team who developed the first master plan of the area, following the Port Authority plan for a dense construction plan that was eventually not followed. Adrian Tuluca was on the committee that provided commentary on the LMDC World Trade Center Sustainable Guidelines.