375 Pearl Street, New York, NY, USA

1Wind Engineering Study

Image Credit: Cook+Fox Architects

Client	Structural Engineer	Architect
Israel Berger and Associates, LLC	Severud Associates	Cook + Fox Architects, LLP
Height	*Year Tested*	*Model Scale*
566 feet	2008	1:400

The Project

The 375 Pearl Street development in New York City consists of a 32-storey commercial tower. The site is located in Manhattan and bounded by Avenue of the Finest and Pearl Street.

The project consists of an existing tower that will be re-cladded with a glass curtain wall.

The Wind Tunnel Studies

The wind engineering studies for 375 Pearl Street included a study of the wind-induced local cladding pressure loads.

A study of wind-induced cladding pressures was carried out for 571 measurement locations distributed over the tower.

The Boundary Layer Wind Tunnel Laboratory

Western

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