53 Huron Street, Brooklyn, U.S.A.

Wind Engineering Study

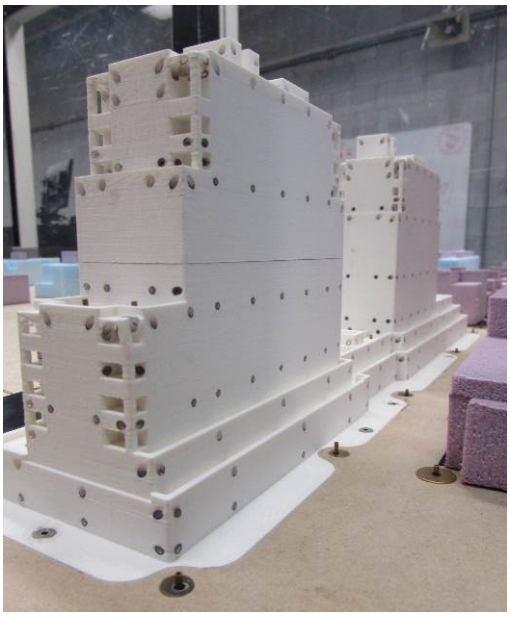

Image Credit: Previous rendering by Tan Architect

Client	*Structural Engineer*	*Architect*
QBDK Huron LLC	-	Morris Adjmi Architects
Height	*Year Tested*	*Model Scale*
191 ft	2019	1:400

The Project

The 14-story building is located in Greenpoint at 53 Huron Street, Brooklyn, NY, and consists of two 191' tall residential buildings that sit on a common 78' tall podium.

The Wind Tunnel Studies

The wind engineering studies for the 53 Huron Street development included a study of the local cladding pressure loads, and pedestrian level wind environment.

The study of cladding pressures was carried out using a pressure model containing 596 pressure measurement locations distributed over the 2 towers.

The study of pedestrian level wind speeds included 46 measurement probes distributed around the project site.

The Boundary Layer Wind Tunnel Laboratory

Western

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