Hines India Commercial Office Project, Gurgaon

Wind Engineering Study

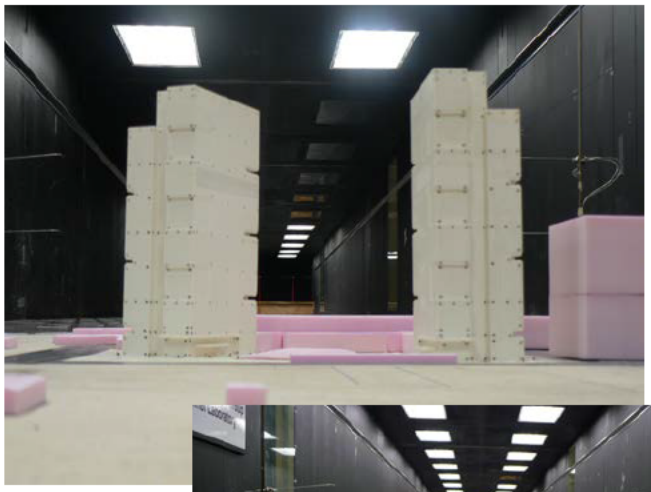

Image courtesy of Henderson HMS Real Estate Pvt. Ltd.

Client	*Owners*	*Architect*
Hellmuth, Obata & Kassabaum, LP.	Hines India Real Estate Pvt. Ltd.	Hellmuth, Obata & Kassabaum, LP
Height	*Year Studied*	*Model Scale*
North and South Towers – 115.75 meters	2009	1:400

The Project

The Hines India Commercial Project in Gurgaon, India consists of three towers. The two Phase 1 and 2 (North and South) towers are a 46-storey commercial development. The exact location of the site is 28°24'63.46"N and 76°59'58.79"E

The development is to be constructed in three Phases. Phase 1 will consists of the North Tower with its associated low-rise and Phase two is with both the North and South Towers with their associated parking garages.

The Wind Tunnel Studies

The wind engineering was carried out for Phase 1 and Phase 3, the Phase 3 building was present but uninstrumented for this study.

The study of wind-induced cladding pressures was carried out for 548 measurement locations distributed over the two towers and associated low-rise.

The pedestrian level wind study examined 42 locations in and around the site.

The Boundary Layer Wind Tunnel Laboratory

Western

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