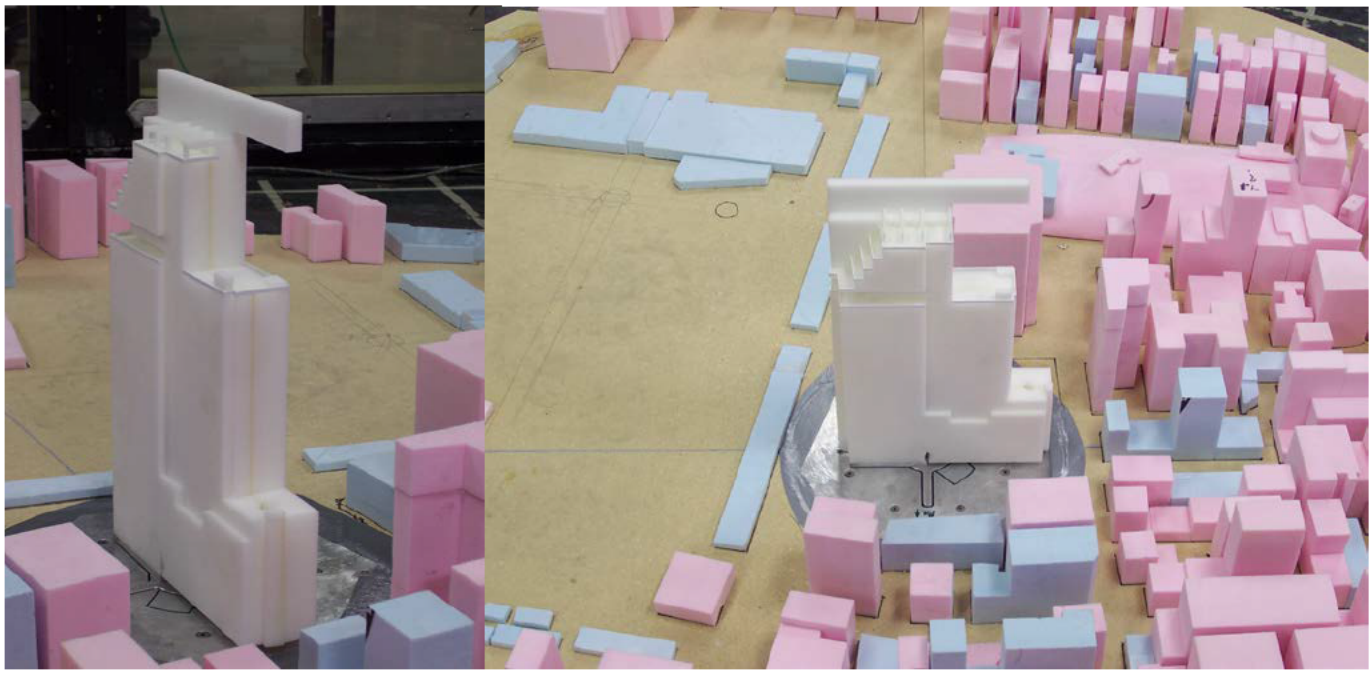
Granville Road & 100 Nathan Road, Hong Kong

Wind Engineering Study



Client	Structural Engineer	Architect
Maunsell Structural Consultants	Maunsell Structural Consultants	LWK & Partners (HK) Ltd.
Height	**Year Tested**	**Model Scale**
165 m	2007	1:400

The Project

The 1-19A Granville Road and 100 Nathan Road development in Hong Kong consists of a 22-storey commercial tower. The site is located in the Tsimshatsui District and is bounded by Granville Road and Nathan Road.

The project consists of a commercial complex comprising of approximately 37,000 square meters of entertainment, retail and commercial space.

The Wind Tunnel Studies

The wind engineering studies for 1-19A Granville Road and 100 Nathan Road included a study of the wind-induced structural loads and responses.

The study of the overall loads and responses was determined for the tower using the force balance technique.

The Boundary Layer Wind Tunnel Laboratory

Western

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FSTB/ 311 /December 2007 / PSQ
Last Printed: March, 19, 2009