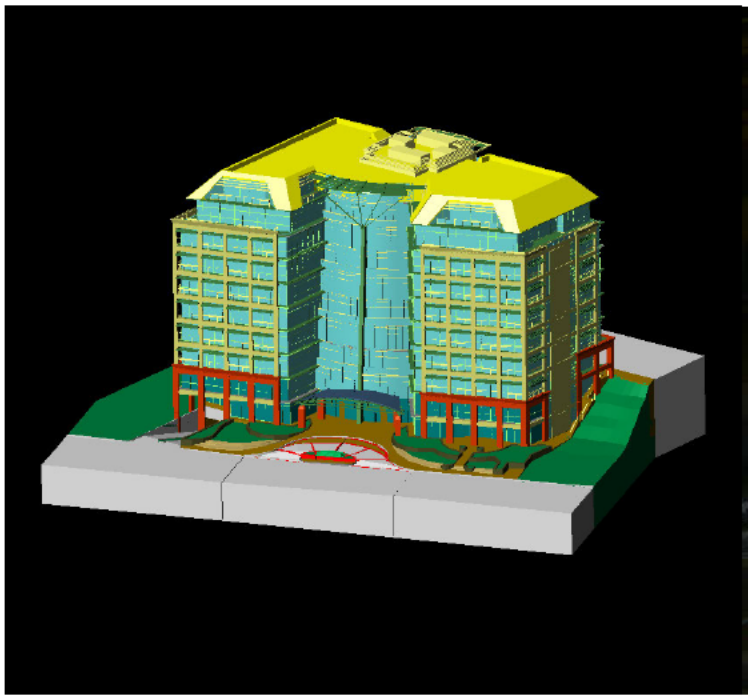
Seon Place, Hamilton, Bermuda

Wind Engineering Study



Client	Structural Engineer	Architect
Onsite Engineering Services Ltd.	Campbell Cameau Engineering Ltd.	Linberg & Simmons
Height	**Year Tested**	**Model Scale**
140 feet	2007	1:300

The Project

The Seon Place project is a 10-storey office building with the south elevation receding from west to east. The south entrance features a curved canopy and a large open lattice roof canopy.

The site is located at 139-143 Front Street along the north shoreline of Hamilton Bay just south of Fort Hamilton hill.

The Wind Tunnel Studies

The wind engineering studies for Seon Place included a study of the wind-induced structural loads and responses and local cladding pressure loads.

The study of overall structural loads and responses was determined for the residential tower using the pressure integration technique.

A study of wind-induced cladding pressures was carried out for 560 measurement locations distributed over the tower.

The Boundary Layer Wind Tunnel Laboratory

Western

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