Newfoundland, Canary Wharf, London, UK

Wind Engineering Study

Image Credit: Patel Taylor (2008)

Client	Design Architect	Executive Architects
Canary Wharf Group PLC	Patel Taylor, London, UK	Adamson Associates, Toronto, ON
Height	**Year Tested**	**Model Scale**
118 m (388 ft)	2008	1:500

The Project

The project is located on the western side of the Canary Wharf Estate on the Isle of Dogs, London, UK. The site is being converted from a private car park for approximately 75 cars to a high rise building, hence, the project name became "Newfoundland". The project consists of a 37-storey building comprising a 150-bedroom hotel and 78 serviced apartments and a 4-level podium with restaurant, retail and education and training facilities.

The first wind tunnel studies for Canary Wharf were undertaken at the BLWTL in 1985. Wind tunnel studies have continued on an ongoing basis to assist the Canary Wharf Group with wind-related issues as projects evolved.

The Project (continued)

The Canary Wharf development is unique in BLWTL history for its longevity, the large scope of wind engineering applications employed and the valued client support developed over the years.

The Wind Tunnel Studies

The study will provide information on pedestrian-level wind speeds.

The Boundary Layer Wind Tunnel Laboratory

Western

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