



Doc Ref: WB327-05F01(rev0)- Memo

Date: 13 March 2015

To: Savillis Project Management

Level 7, 50 Bridge Street
Sydney, NSW 2000

From: Matthew Cox

**RE: 161 SUSSEX STREET REDEVELOPMENT, SYDNEY
DESKTOP PEDESTRIAN WIND ENVIRONMENT AND WIND ENTRY MEMO**

This technical memo comments on the likely impact of the latest design changes to the proposed 161 Sussex Street redevelopment, located in Sydney, on the local wind environment to the critical outdoor areas within and around the subject redevelopment based on latest architectural drawings received March 9th, 2015. A wind tunnel study was undertaken by Windtech Consultants into the wind environment impact of the subject development and the results of the study were presented within detailed technical wind report (report reference WB327-03F03(rev1), dated 05th February, 2015) in the form of wind direction plots based on the Davenport (1972) criteria for the weekly maximum Gust Equivalent Mean (GEM) Wind Speeds and annual maximum gust wind speeds.

Since the time of the original assessment, an additional 2 floors have been added to the height of the tower. These additional levels will not alter the wind conditions on the Lower Ground Level and Upper Ground Level areas or at the openings of the through-site link. Hence, with the inclusion of the recommendations of the previous wind environment (report reference WB327-03F03(rev1), dated 05th February, 2015) and wind entry reports (report reference WB327-03F06(rev0), dated 07th February, 2015) within the final design of the development, it is expected that the wind conditions for all outdoor trafficable areas within and around the subject development will be acceptable for its intended uses.

DOCUMENT CONTROL

Date	Revision History	Non-Issued Revision	Issued Revision	Prepared By (initials)	Instructed By (initials)	Reviewed & Authorised by (initials)
13/03/2015	Initial.	-	0	MC	TR	TR

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