

Doc Ref: WC702-04F01- WS Memo

Date: October 31, 2016

To: Provident Homes Pty Ltd

Address: PO Box 4665, Sylvania Waters NSW 2224

RE: 4 INNESDALE ROAD, WOLLI CREEK
PEDESTRIAN WIND STATEMENT MEMO FOR THE ROOF TERRACE

This technical memo comments on the wind conditions within the critical outdoor trafficable areas of the subject development located at 4 Innesdale Road, Wollli Creek. A desktop pedestrian wind environment statement has been previously completed for the subject development (report ref: WC702-01F02(rev0) – WS Report, dated 15th September, 2015).

Since the time of the study, the subject development has undergone a series of changes to its architectural design. A review of the architectural drawings received October 2016 has been undertaken and the wind conditions within the rooftop communal terrace is expected to be acceptable for its intended uses with the inclusion of the proposed balustrade and densely foliating hedge planting capable of growing to a height of 1.5m within the planter boxes located along the perimeter edge.

To ensure tolerable wind conditions are achieved for all trafficable outdoor areas within and around the site, the following set of treatments have been recommended to be incorporated into the final design, and are described as follows:

- The retention of the proposed densely foliating hedge planting capable of growing to a height of 2-3m within the proposed planter boxes along the ground level driveway.
- The inclusion of a 1.8m high impermeable screen in the middle of the private balconies on Level 5.
- The inclusion of densely foliating hedge planting capable of growing to a height of 1.5m within the proposed planter box along the proposed western perimeter edge of the Level 5 Communal Terrace.
- The retention of the proposed balustrade along the remaining perimeter of the Rooftop Communal Terrace.
- The inclusion of densely foliating hedge planting capable of growing to a height of 1.5m within the proposed planter boxes along the perimeter edge of the Rooftop Communal Terrace.

Hence, with the inclusion of the abovementioned recommendations, the wind conditions within the proposed communal roof terrace are expected to be acceptable for its intended uses.

Regards,

A handwritten signature in black ink, appearing to read 'Trong Thien Huynh', with a stylized, cursive script.

Trong Thien Huynh
BE Aero (Hons)
Senior Engineer

DOCUMENT CONTROL

Date	Revision History	Issued Revision	Prepared By (initials)	Instructed By (initials)	Reviewed & Authorised by (initials)
October 31, 2016	Initial.	0	TH	TH	TH

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