



RWDI Australia Pty Ltd
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MEMORANDUM

DATE:	July 5, 2021	RWDI REFERENCE #: 1903881
TO:	Nicholas Wilkinson	Dexus Fund Management Limited
FROM:	Kevin Peddie	[REDACTED]
	Michael Pieterse	[REDACTED]
RE:	60 Collins Street, Melbourne Request for Further Information	

It is understood that the initial comments have been received from the Department of Environment, Land, Water and Planning with request for further information on a number of the submission items. Item 4 of the Request for Information pertains to the wind environment conditions are is noted as follows:

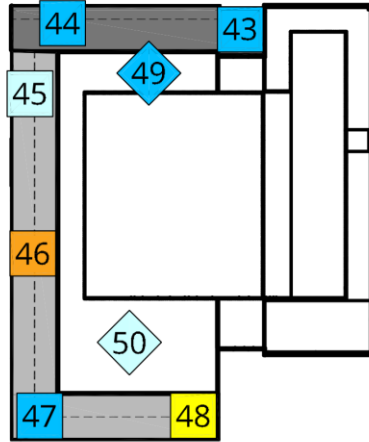
4. *Amended pedestrian wind study to include consideration of the wind conditions at level 37.*

The wind tunnel study for the pedestrian wind environment conditions previously undertaken by RWDI measured the wind speeds at the surrounding ground level areas as well as the terrace levels. This included Level 9, Level 18 and Level 37 of the development. Section 3.2 of the wind report discussed the wind conditions expected for the three terrace levels of the development. The wind conditions noted the following:

- Level 9 terrace area will satisfy the sitting comfort criteria. This is represented by sensors 43 and 44.
- Level 18 terrace will be exposed to stronger south to south-westerly wind events which are channeled along the street corridor represented by sensors 45 to 48. Recommendations are made within the report to include vertical partition screens and landscaping in planters up to 2m in height, to help break up the winds in these two locations. As an alternative, the screen around the perimeter of the Level 18 terrace has been increased in height to 2.7m which will provide suitable protection to these direct winds for this area. Any landscaping as part of the fitout will further enhance conditions.
- Level 37 roof terrace will satisfy the sitting or standing comfort criteria. This is represented by sensors 49 to 50.
- All terrace levels will satisfy the safety limit wind conditions.

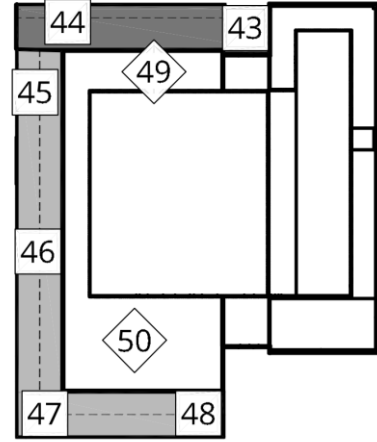
The results from the wind study report for the terrace level areas are noted in the following figure for reference.





Scale 1 : 1500
 LEVEL 9 (TERRACE) █
 LEVEL 18 (TERRACE) █
 ROOF LEVEL □

LEGEND:
 COMFORT CATEGORIES:
 Sitting █
 Standing █
 Walking █
 Uncomfortable █



Scale 1 : 1500
 LEVEL 9 (TERRACE) █
 LEVEL 18 (TERRACE) █
 ROOF LEVEL □

LEGEND:
 SAFETY CATEGORIES:
 Pass █
 Exceeded █

Image 1: Wind Comfort and Safety Limit Conditions for Level 9, 18 and 37 Terrace Areas

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