

12 April 2019

Robinson Urban Planning Pty Ltd
83 Fletcher Street,
Tamarama NSW 2026

Attention: Sandra Robinson

sandra@robinsonplanning.com

Dear Sandra

SUBJECT: SOUTH VILLAGE WEATHER CONDITIONS

We refer to our recent discussions and the application we wish to lodge regarding weather conditions at South Village Shopping Centre.

We have been tracking the weather conditions in the Mall space and, in particular, the southern entry since the opening on 14 November 2018. We make the following observations regarding the weather.

1. Anecdotally (as recorded by security previously), the sitting in the common mall areas of the centre becomes undesirable (on average) when southern entrance wind speeds reach above 15kmph.
2. We installed weather stations on the 10 January 2019 after complaints from customers regarding wind and rain in the common area mall.
3. Our weather stations measure wind direction and speed every 5 mins. Out of these 5 min interval measurements, 55% of these show wind entering the centre from the S/SE/SW (westerlies account for just over 12%, northerlies 24%, and easterlies 9%).
4. Since the 10 January, 75% of the 'Max wind' gusts have come from S/SE/SW (northerlies account for 20%, Westerlies 5% and no maximum wind gusts have come from easterlies).
5. Of the 57 days we have data (10th January 2019 to 4th April 2019) the following has occurred:
 - a) Twenty (20) days experienced maximum wind speeds/gusts above 15kmph. Twenty days represents 35% of the study period.
 - b) Five (5) days experienced wind speeds in excess of 20kmph. This represents 7% of the study period.
 - c) The number of days with winds above 15kmph in March was 200% higher than January and all the days with winds greater than 20kmph were in March, consistent with our view

that the number of 'extreme' weather events is only going to worsen as we approach/enter winter.

- d) When wind speeds reach above:
 - a. 10kmph, the indoor temperature drops on averages 0.8 degrees Celsius
 - b. 15kmph, the indoor temperature drops on averages 1.4 degrees Celsius
 - c. 20kmph, the indoor temperature drops on averages 2.2 degrees Celsius
- e) On 30 March 2019, wind speeds reached 37.8kmph, internal temperatures were 6 degrees Celsius cooler inside as a result (14.1 vs 8 degrees Celsius).

We are more than happy to provide you the base data if that helps. Let us know if you have any further questions or require any further information. Please don't hesitate to call me on 0403 191 984.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Alex Perryman', with a stylized, cursive script.

Alex Perryman
Centre Manager, South Village Shopping Centre