



WIND MICROCLIMATE

TECHNICAL NOTE

Ferrous

Chroma

21/03/2025

GIA No: **18451** Letter Ref: **JW/18451**

The following features are pertinent to the wind conditions:

- Access has been restricted so that residents cannot access a strip around the perimeter of the terrace level. This means that the regions which had shown exceedance of the "S15" wind safety threshold would not be accessible to residents and there would be no significant wind safety risks to terrace users;
- An 1100mm tall glass balustrade has been included around the perimeter of the accessible terrace. This will inhibit the flow of wind onto the terrace and create pockets which are suitable for sitting in summer;
- The layout shows that there is seating proposed at the eastern and north western corners of the terrace. This seating would be afforded direct protection by the glass balustrade and would therefore have conditions suitable for sitting;
- There are also proposed multi-stem trees, feature shrubs and trees, and ornamental planting across the terrace. These would further inhibit the wind and create further space which is suitable for sitting in summer across the terrace;
- There are benches which are set into the planters adjacent to the multi-stem trees, not only would these be afforded protection by the multi-stem trees (as described above) but also would be afforded direct protection by the planter itself above the bench height. These would therefore be suitable for sitting.

Given the above, the proposed landscaping design will ensure that there are no wind safety risks to terrace users, and that conditions for any seating areas would experience wind conditions suitable for sitting (in accordance with the Lawson Comfort Criteria).

With the proposed landscaping accounted for, wind conditions would be suitable for the intended use on the level 14 terrace.

Yours sincerely

For and on behalf of GIA



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Director

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