August 20, 2025

128 Lakeshore Developments Inc.
2676 Bayview Avenue
North York, ON M2L 1B9

Re: Addendum to Pedestrian Level Wind Study
128 Lakeshore Road East, Mississauga
GW File No.: 21-350-WTPLW

Gradient Wind Engineering Inc. previously completed a detailed pedestrian level wind study for a proposed mixed-use development located at 128 Lakeshore Road East in Mississauga, Ontario. This letter provides a summary of relevant architectural changes to the site which have been made since the study was issued, as well as the anticipated impact of those changes on the predicted pedestrian wind conditions. For a complete summary of the methodology and results pertaining to the original pedestrian wind study, please refer to Gradient Wind report #21-350-WTPLW, dated December 9, 2021.

Upon review of updated architectural drawings prepared by Arcadis in July 2025, the revised building retains a similar overall design to the tested configuration. Of note, the height of the building has been reduced from 10- to 8-storeys. The ground floor layout remains similar to the previous design, with most of the changes internal to the building. At Level 2, the building steps back from the west side, above which the planform remains constant. At Level 9, and outdoor amenity is provided along the west, north, and east sides of the roof.

With regard to pedestrian wind comfort, the shorter building height will result in somewhat calmer conditions at grade around the base of the building, as compared to the tested design. Although windy conditions suitable for walking are still anticipated along the north elevation (along Ann Street), the lobby doorway is now recessed within the façade which will ensure suitable conditions at the entrance. For the rooftop terrace, wind comfort is anticipated to be comfortable for sitting during the warmer months, without the need for mitigation.

This concludes our review of the design changes for 128 Lakeshore Road East in Mississauga, Ontario. Please advise the undersigned of any questions or comments.

Sincerely,

Gradient Wind Engineering Inc.

Andrew Sliasas, M.A.Sc., P.Eng.,
Principal

21-350-WTPLW