

GRADIENTWIND

ENGINEERS & SCIENTISTS

July 20, 2023

Miss BJL Corp.

778 King Street West
Toronto, Ontario M5V 1N6

Re: Addendum to Pedestrian Level Wind Study
21-51 Queen Street North, Mississauga
GW File No.: 21-164-WTPLW

Gradient Wind Engineering Inc. (Gradient Wind) was retained to undertake a pedestrian level wind (PLW) study for a proposed mixed-use development located at 21-51 Queen Street North 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 GW report #21-164-WTPLW, dated August 17, 2021.

Upon review of updated architectural drawings prepared by A&Architects in June 2023, the revised building massing retains a similar overall design and height to the tested configuration with minor changes to the ground floor plan and terracing of the higher levels.

Overall, the results and recommendations contained in our original study are considered to remain applicable to the revised building design. A suitable wind mitigation strategy for the Level 3 amenity terrace will be developed in coordination with the design team as the landscape plans develop.

Please advise the undersigned of any questions or concerns.

Sincerely,

Gradient Wind Engineering Inc.



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