November 21, 2022

Tenblock
30 Soudan Avenue, Suite 200
Toronto, Ontario M4S 1V6

Re: Addendum to Pedestrian Level Wind Study
25 St. Mary Street, Toronto
GW File No.: 20-291-WTPLW

Gradient Wind Engineering Inc. (Gradient Wind) was retained to undertake a detailed pedestrian level wind (PLW) study for proposed mixed-use development located at 25 St. Mary in Toronto, Ontario. This letter provides a response to an Urban Design comment, dated June 3, 2022, regarding this PLW study. For a complete summary of the methodology and results pertaining to the original pedestrian wind study, please refer to GW report #20-291-WTPLW, dated June 7, 2021.

> *Proposed wind conditions of "walking" on the Daycare entrance during winter is not desirable. Please provide mitigation measures to achieve a wind comfort of "standing". As users of this space will be predominately children, which have a lower height and weight from the average, wind conditions should achieve higher levels of comfort.*

Wind conditions at the reconfigured daycare entrance will be comfortable for standing, or better, throughout the year, which is acceptable. Over the adjacent POPS along the Inkerman Street frontage, wind conditions are comfortable for sitting during the summer and generally suitable for standing, or better, during the remaining seasonal periods. Although walking conditions are measured at Sensor 61 during the winter months in the original PLW study, the standing threshold is only marginally exceeded. It is also noted that wind conditions at these locations remain well below the wind safety threshold based on annually averaged wind statistics.

Please advise the undersigned of any questions or concerns.

Sincerely,

Gradient Wind Engineering Inc.

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

20-291-WTPLW - Addendum