

March 8, 2022

Nick Lopresti
 Dixel Architecture
nick@dixel.ca

Re: Spring Garden West Pedestrian Wind Assessment
 5580 Spring Garden Rd. Wind Impact
 CPP Project 15208

Dixel Architecture retained Cermak Peterka Petersen (CPP) to conduct a wind impact study (WIS) around the proposed Spring Garden West (SGW) development through detailed quantitative wind tunnel testing. The results of this evaluation are summarized in the “Pedestrian-Level Winds Report” dated November 24, 2021.

Following submittal of the aforementioned report to the Halifax Regional Municipality (HRM) for review, it was noted that the proposed configuration evaluated included an additional building (beyond the Promenade development) whose influence was not discussed in the report. The intention of this addendum is to discuss the influence of the additional tower on the results of the wind study and the impact if that tower is not to be constructed.

This additional tower is located at 5580 Spring Garden Rd., approximately 1 block east of the SGW project site (see below).



Figure 1: Aerial View of Existing Site (Google Earth™) (Left) and Photograph of Wind Tunnel Study Model – Proposed Configuration (Right)

As this additional tower is located an appreciable distance and downwind of the SGW site relative to the prevailing westerly winds, it is CPP’s opinion that the development included at 5580 Spring Garden Rd., has a marginal / negligible influence on the wind conditions presented in the WIS for the proposed SGW site and the inclusion / exclusion of this massing are not likely to result in wind conditions different from those reported.

We trust this satisfies your requirements for the project. Should you have any questions or require additional information, please do not hesitate to contact us.

Yours very truly,

Cermak Peterka Petersen (CPP) Inc.

