footprint

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Memo

PROJECT NAME	1365 -1375 Yonge Street
PROJECT NUMBER	23142
ATTENTION:	Yonge and Rosehill Inc.
ISSUED BY:	Kevin Mulligan
DATE:	2023-05-25

We are writing to inform you that Footprint has been retained to perform the energy performance analysis for the 1365-1375 Yonge Street project as part of the site planning application process. The project will be pursuing the TGS Version 3 Tier 1 energy performance targets. Kindly note that our preliminary SPA energy model have been completed with preliminary architectural, mechanical, and electrical data through a collaborative integrated design process. We have explored various energy conservation measures to meet Tier 1 targets with the design team. The current energy efficiency design features required for TGS v3 Tier 1 compliance include: 70% efficient ERVs in suites and amenities, a window to wall ratio of 40%, an effective wall R-value of 6.5 and roof R-value of 30, windows with a 0.33 SHGC, rated 94% efficient condensing boilers, chillers with a rated COP of 6, a fan coil system, corridor pressurization to 40 cfm per suite with 50% summer and nighttime setbacks, and low-flow fixtures (lavatories 1.0gpm, showerheads 1.75gpm, and kitchen faucets 1.75gpm).

We anticipate that an updated SPA energy efficiency design development report, along with the all of the necessary supporting documentation, will be submitted with the project's second SPA submission package. The following submission will include all of the final energy conservation measures for the project once each consultant has thoroughly developed their design.

END OF MEMO

YOURS TRULY,

FOOTPRINT

KEVIN MULLIGAN P.ENG., LEED AP BD+C, WELL AP

PROJECT MANAGER