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**Re: Low Impact Design Features
3575 Kaneff Crescent
Mississauga, Ontario**

Listed below are the low impact features for the proposed residential development at 3575 Kaneff Crescent. Additional details can be provided as the design is further developed.

STORMWATER RETENTION

Swales are proposed around the perimeter of the site to ensure the first 5mm of rainfall is captured on-site. The site and swale grading have been designed to match the existing perimeter grades to minimize disturbance to the existing boundaries. Where possible, clean drainage from the site (e.g. roofs, landscaped areas) should be directed to the swales.

NATIVE VEGETATION

It is anticipated that the majority of plantings proposed will be native species. This will be confirmed during as the design is further developed.

STORM WATER QUALITY CONTROL

Post-development flows mainly consist of “clean” rooftop water and landscape (soft and hard) areas with marginal flows through the loading bay. During detailed design, efforts should be made to discharge the clean runoff to swales for water quality “polishing”.

WATER BALANCE CONTROL

Post-development flows from roof areas, loading bay and other impervious surfaces will be directed to capture points / area drains and will be conveyed to the stormwater holding tank within underground parking level 1, and will outlet into EX. MH11. The site post-development flow will be controlled to 2-year pre-development flow. The swales surrounding the site can also be considered to achieve a portion (approximately 17m³) of quantity control.

EROSION AND SEDIMENT CONTROL

The erosion and sediment control plan for the site will be designed in conformance with the City of Mississauga and Credit Valley Conservation Authority guidelines. Construction management will be taking erosion and sediment control measures as well as following the requirements of the grading plan to prevent loss of topsoil, while also working to contain dust within the site.

BICYCLE STORAGE

- Conveniently located bicycle parking spaces for residents and visitors have been proposed to encourage bicycle use as an alternative form of transportation