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November 25th, 2019

RE: LIST OF LOW IMPACT DESIGN FEATURES FOR SITE AND BUILDING AT PROPOSED DEVELOPMENT ,1480 DERRY ROAD E, MISSISSAUGA, ON.

Stormwater Management Treatment

1. Infiltration tank is proposed to keep water balance same as pre-development condition.
2. Oil Grit Separator (stormceptor) is proposed to achieve 80% TSS removal.
3. Quantity of stormwater is controlled as pre-development condition by proposing 85mm orifice before discharging to the existing storm sewer.
4. The site boundaries sloped to the inside for lowering stormwater runoff impact on adjacent properties.

Erosion and Sediment Control

Erosion and sediment control measures are proposed (see sheet C3) which conserve top soil and alleviate dust/sediment transport from the site to adjacent properties.

Landscape

A high number of drought tolerant and native species are proposed to assist in stormwater mitigation.

Large deciduous shade trees are proposed to help reduce heat island effects on site.

BICYCLE STORAGE

Conveniently located bicycle parking spaces for residents and visitors will be proposed to encourage bicycle use as an alternative form of transportation.

Please do not hesitate to contact me if you require further information.

Best Regards,

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