

October 24, 2024

VIA EMAIL: [REDACTED]

Zachary Fisher
Mezcon Construction Ltd.
[REDACTED] Surrey Street East,
Guelph, ON [REDACTED]

**Re: Supplemental Letter for Committee of Adjustment
302-306 Edinburgh Road South
Guelph, ON**

Dear Mr. Fisher:

As requested, GEI Consultants Canada Limited (GEI) have prepared this letter to summarize our initial observations regarding site servicing and stormwater management for the proposed development at 302-306 Edinburgh Road South. GEI is ready to complete the detailed engineering design of the site servicing and stormwater management for the proposed development once the conditional approval is in place.

Wastewater Servicing

The Wastewater Modelling Analysis completed for this property by the City of Guelph in January 2023 indicates no surcharging between the manhole fronting the proposed development and the City's Wastewater Treatment Plant under proposed wastewater conditions, based on an anticipated peak flow of 0.92835 L/s from the proposed development. GEI therefore does not anticipate any concerns regarding sanitary capacity for the proposed development.

Water Servicing

Based on the Water Modelling Analysis completed for this property by the City of Guelph in January 2023, proposed development water pressures are expected to range from 66 psi to 73 psi under maximum day demand (MDD) conditions, assuming an average day demand (ADD) of 0.35 L/s and a MDD of 0.47 L/s. This is within the preferred range of 50 psi to 80 psi. The proposed development was found to not significantly impact pressures in the development area. GEI does not anticipate any concerns regarding water servicing for the proposed development.

Stormwater Management

GEI expects that typical stormwater management criteria will need to be addressed for the proposed development. It is expected that attenuation of post-development outflows to pre-development levels

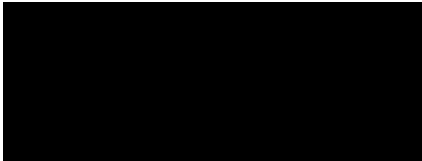
will be achieved using a combination of subsurface and at-grade storage. Stormwater quality control will be achieved using a treatment train approach, incorporating an oil-grit separator(s).

Once conditions are in place for the proposed development, GEI will commence functional design of the proposed development and will prepare the necessary reports and drawings to satisfy the conditions.

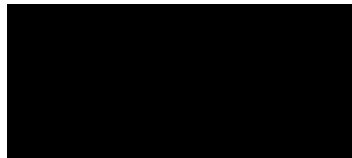
If you have any questions, please feel free to contact us at 519.824.8150.

Sincerely,

GEO Consultants Canada Limited



Andrea Reed, P.Eng.
Project Engineer



Sarah Primmer, P.Eng.
Senior Project Manager

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