

Serviceability Report

Conclusions and Recommendations (Excerpt)

Report Prepared by Novatech Engineering

8.0. CONCLUSIONS AND RECOMMENDATIONS

The conclusions of this report are as follows:

- Water servicing, including both domestic and fire protection, can be provided by connection to the existing watermain infrastructure at the intersection of Meadowland Drive and St Lawrence Street.
- A 2 hour fire wall as assumed between units. This will need to be confirmed during detailed design.
- Sanitary flows for the proposed development have been calculated and there is sufficient capacity within the existing municipal infrastructure to service the development.
- Storm drainage will be collected in a shallow roadside ditch and subdrain system and will outlet, as per existing conditions, to the existing tributary to the St. Lawrence River.
- Quantity control of stormwater will be provided by storing stormwater in a dry pond.
- Quality control of stormwater will be provided through the use grassed swales and a stormwater management facility.
- An overland flow route will be provided.
- Erosion and sediment control measures will be implemented during construction.

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