

**106 MAIN STREET
TOWN OF NEWMARKET
FUNCTIONAL SERVICING REPORT**

Prepared for:

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BCI Project No. 16-08

September, 2016

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1. INTRODUCTION

The site is located on the west side of Main Street just south of Queen Street in Newmarket, Ontario.

It is proposed renovate the existing commercial building to provide a residential unit above the ground floor commercial unit.

The Report describes how the proposed development will be serviced in compliance with the requirements of the Town of Newmarket.

The Report has used the following documentation in its preparation:

1. Site Plan prepared by Stamp and Hammer
2. Town of Newmarket Engineering Design Standards and Criteria.
3. Stormwater Management Planning and Design Manual by the Ministry of Environment, dated March 2003.

2. SITE DESCRIPTION

The site measures 0.0651 ha. with an existing building fronting on to Main Street. There is a parking area at the rear along with a concrete patio and frame shed.

The rear of the site is crossed by a 250 mm diameter storm sewer in a 6.0 m wide easement.

Drainage from most of the site is towards a catchbasin system on the existing 250 mm diameter storm sewer running through the site. Drainage from the front of the building to the east lot line is directed towards Main Street where it is directed to a 300 mm diameter storm sewer in Main Street.

Existing and proposed services are shown on the Site Grading and Servicing Plan, Drawing No. GR-1, prepared by BaseTech Consulting Inc.

3. WATER DISTRIBUTION

The existing building is serviced by a 25 mm diameter water service connecting to the existing 200 mm diameter watermain in Main Street. A curb stop is located at the lot line.

The existing water service should be sufficient to provide water to the proposed building.

4. SANITARY SERVICING

The existing building is serviced by a 100 mm diameter sanitary service connecting to the existing 200 mm diameter sanitary sewer in Main Street. To achieve the Town of Newmarket standards for sanitary services, a new 150 mm diameter sanitary service will be required to replace the existing.

5. STORMWATER MANAGEMENT

A separate Stormwater Management Report has been prepared for the proposed development.

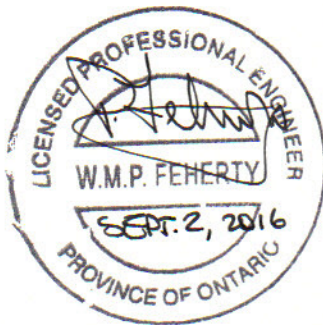
The Stormwater Management Report concludes the following:

1. Discharges from the site will be controlled to the Pre-Development flows.
2. Excess run-off will be retained on site and discharged at the Pre-Development flows.
3. A filter bed will be installed to provide quality control.
4. Sedimentation and erosion controls will be provided during construction.

6. SUMMARY

The analysis contained in this Report concludes the following:

1. The existing water and storm servicing available can accommodate the proposed development.
2. The existing sanitary service will need to be replaced with a 150 mm diameter service.



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