



100 GROVE ST. | WORCESTER, MA 01605

February 21, 2023

Grafton Conservation Commission
Grafton Municipal Center
30 Providence Road
Grafton, MA 01519

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**Subject: 61 Leland Street
Grafton Wetlands Regulations and Stormwater Regulations Review**

Dear Conservation Commissioners:

We downloaded the following documents from the Conservation Commission's website:

- Correspondence from Connorstone Engineering, Inc. to Grafton Conservation Commission dated January 12, 2023, Re: Notice of Intent, 61 Leland Street with attached WPA Form 3; Application for Grafton Wetlands Bylaw Permit & Grafton Stormwater Bylaw Permit; Wetland Delineation Report; Stormwater Report; Stormwater Operation & Maintenance Plan; and Soil Mapping Results.
- Plans entitled Proposed Site Plan, 61 Leland Street, Grafton, MA dated December 15, 2022, prepared by Connorstone Engineering, Inc. for Leight Casaceli. (3 sheets)

Graves Engineering, Inc. (GEI) has been requested to review and comment on the plans' and supporting documents' conformance with applicable Town of Grafton "Regulations for the Administration of the Wetlands Bylaw", Town of Grafton "Regulations Governing Stormwater Management", MassDEP Stormwater Handbook and standard engineering practices. GEI was authorized to proceed with this review on January 31, 2023.

Our comments follow:

Regulations for the Administration of the Wetlands Bylaw

1. The abutters from the most recent information on record at the Assessor's Office need to be included on the plans. (§V.B.3.a)
2. The plans need to show the location of the applicant's well. Whereas the proposed stormwater BMP's and paddock area are at least 100 feet from the property lines, GEI has no issue with the abutters' wells and septic systems not being shown on the plans. (§V.B.3.e)

Grafton Stormwater Management Regulations

3. GEI has no issues relative to compliance with these regulations.

Hydrology & MassDEP Stormwater Management

4. GEI reviewed the hydrology computations and found them to be in order. The calculations show that MassDEP Stormwater Standard 2 – Peak Rate Attenuation will be addressed without the need of an impoundment for peak rate attenuation.

5. Compliance with the MassDEP Stormwater Standards and Stormwater Handbook is reasonable.
6. GEI has no issue with the design of the rain gardens or their supporting sizing calculations. The rain gardens were proposed to address MassDEP Stormwater Standard 4 – Water Quality.
7. Although the Drain Pipe Sizing Calculations reference 100 Bearfoot Road, Northborough and Monocled Tycoon R.E. Trust, the calculations pertain to the 61 Leland Street project. GEI has no issues with the calculations.

General Engineering Comments

8. GEI has no issues.

General Comments

9. GEI did not review the plans for compliance with 310 CMR 10.00, the Massachusetts Wetlands Protection Act Regulations.

We trust this letter addresses your review requirements. Feel free to contact this office if you have any questions or comments.

Very truly yours,
Graves Engineering, Inc.



Jeffrey M. Walsh, P. E.
Principal

cc: Vito Colonna, P.E.; Connorstone Engineering, Inc.