



100 GROVE ST. | WORCESTER, MA 01605

March 1, 2023

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

T 508-856-0321  
F 508-856-0357  
gravesengineering.com

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

Dear Conservation Commissioners:

We received the following documents via e-mail on February 28, 2023 and in hard-copy format on March 1, 2023:

- Correspondence from Connorstone Engineering, Inc. to Grafton Conservation Commission dated February 27, 2023, Re: 61 Leland Street - Notice of Intent & Stormwater Application, MassDEP File #164-1033.
- Plans entitled Proposed Site Plan, 61 Leland Street, Grafton, MA dated December 15, 2022 and last revised February 27, 2023, prepared by Connorstone Engineering, Inc. for Leigh 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.

This letter is a follow-up to our previous review letter dated February 21, 2023. For clarity, comments from our previous letter are *italicized* and our comments to the design engineer's responses are depicted in **bold**. Previous comment numbering has been maintained. The revised plans were submitted in part to respond to comments 1 and 2 herein.

**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)*  
**Acknowledged. Sheets 1 and 2 were revised to include abutters' information.**
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)*  
**Acknowledged. Sheets 1 and 2 were revised to include the applicant's well (located south of the existing dwelling).**

**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.