

May 18, 2022

STANTEC CONSULTING SERVICES INC.

Attention: David Glenn, P.E.

Subject: Response to your letter dated 03/23/2022

Reference: 44 Davis Rd, Millbury MA

Dear Dave:

In response to your recent letter regarding proposed side development located at 44 Davis Road, we offer the following. Please note that we have prepared this response with the same numbering system in your letter in order to facilitate communication.

STORMWATER MANAGMENT

- l) Seasonal high groundwater elevation has been added to the plan.
- n) Areas A1, A2 and 1S are shown on post development plan scale 1"=50'. Please see attached drainage report.
- q) Construction sequence and erosion controls are shown on approved notice of intent plan. They have been added to the revised plan.

MASSDEP STORMWATER STANDARDS

Please see attached MassDEP Stormwater Report Checklist

- 1) Proposed 15" HDPE pipe under the driveway, the water quality swale and berm in the right-of-way are upstream from an existing 15" HDPE pipe. Proposed pipe size and location were reviewed and approved by Millbury acting DPW director during a site visit. DPW director approved the design as is and will add a restriction on the home owner to pay for any damage in the right-of-way that might be caused by the proposed work.
- 2) Please see attached complete drainage report, including all requested calculations
- 3) Annual recharge calculations have been added to the plan.

- 4) TSS is not required for minor project per town of Millbury Stormwater, however, the project meets the %80 requirement by using the infiltration system and the deep sump basin as a pretreatment.
- 8) Erosion controls have been extended as requested.
- 10) Please see attached illicit discharge statement

GENERAL COMMENTS

Stormwater

- 1) Please see attached revised drainage report.
- 2) Please see attached revised drainage report.
- 3) Drainage pipe is shown as reach 2R. Please see attached revised drainage report.
- 4) Requested elevations have been added to the plan.
- 5) Inspection cover has been added to the plan.
- 6) Location of the water quality swale has been added to the plan
- 7) No access is required for proposed manhole. All maintenance will be done from the outside. The removal of sediment will be done using a pump truck.
- 8) Additional information regarding proposed 40 mill barrier and fill materials have been added to the plan.
- 9) Total phosphorus and estimated pollution removal calculation is not required for minor project per town of Millbury stormwater.

Please do not hesitate to call if you have any questions or concerns.

Sincerely,
Alpha Omega Engineering, Inc.

Raouf Mankaryous
508-865-9551