

December 6, 2023

Mr. Richard S. Novak, Chair
Sherborn Zoning Board of Appeals
Town Hall
19 Washington Street
Sherborn, MA 01770

Re: Peer review comments response and plan updates summary

We have received the latest set of comments from Mr. Steven M. Bouley, PE of Tetra Tech on November 17, 2023 forwarded to us by email. The review comments are in *italics* followed by our response in **red**.

We reviewed the septic plans and have no major comments. However, it appears there are several scrivener's errors on the plans which are noted below:

1. *Lot 1 DHTP 1-3 log shows ESHGW at 211.8, cross-section of tank shows it at 213.12.*
Response: The 213.12 ft elevation was estimated conservatively prorated with the grade. We have relocated the septic tank and it now sits closer to DHTP 1-3. We are now assuming that the ESHGW at the tank will be the same as the nearby test pit at 211.8.
2. *Lot 4 DHTP 4-2 log shows ESHGW at 209.60, cross-section of tank shows it at 210.91*
Response: That is correct. We assumed that the depth to ground water at the location of the tank will be the same as DHTP 4-2 at 84" conservatively though it is likely deeper. We then calculated the ESHGW based on grade of where the tank will be located to obtain 210.91.

Summary of Plan Changes

In addition to these comments, we have also made further changes to the plans after we received the deficiencies list from Mr. Mark Oram of the Sherborn Board of Health. Below is a summary of the notable changes made to the plan after review of the deficiencies list:

Lot 1

- Flipped the location of the house and driveway.
- Modified the grade to accommodate the new house and driveway locations.
- Changed the location of the septic tank so that the pipe from the building to the tank could be laid down in a straight line.
- Slightly changed the entrance location of the water line and location of the foundation drain.
- Added the location of the septic inspection port and vent.
- Added the location of the perc test to the test pit locations.

Lot 2

- Flipped the location of the house and driveway.
- Modified the grade to accommodate the new house and driveway locations.
- Changed the location of the septic tank so that the pipe from the building to the tank could be laid down in a straight line.
- Slightly changed the entrance location of the water line and location of the foundation drain.
- Added the location of the septic inspection port and vent.
- Added the location of the perc test to the test pit locations.

Lot 3

- Added the location of the septic inspection port and vent.
- Added the location of the perc test to the test pit locations.

Lot 4

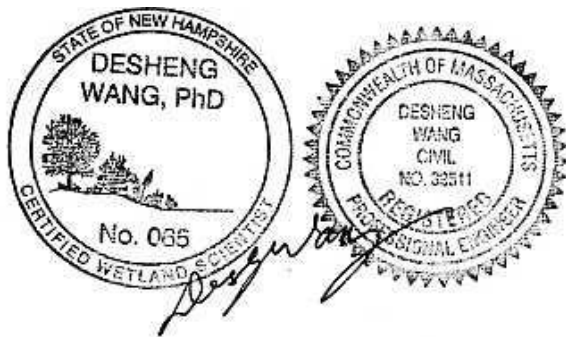
- Added the location of the septic inspection port and vent.
- Added the location of the perc test to the test pit locations.

We also updated the general notes, table 1. project site condition summary to reflect the minor changes in lot coverage and usable open space, and table 3. Zoning compliance summary table to reflect the new offsets of the house locations.

Please feel free to contact us if you have any questions.

Sincerely,
Creative Land & Water Engineering, LLC

By



Desheng Wang, Ph.D., P.E.
Civil/Environmental Engineer
Certified Wetland Scientist
Certified Soil Evaluator

A handwritten signature in blue ink that reads 'Francis Alves'.

Francis Alves, E.I.T.
Civil/Environmental Engineer

CC: Bob Murchison, 177 Lake St, Sherborn, MA 01770