

Date: July 11, 2024  
To: Killingly Engineering Associates  
Subject Property: 8 Brookfield Dr, East Lyme

Plan Designed by: Normand Thibeault, Jr., P.E.  
Last Revision Date: N/A

Plan Date: May 20, 2024  
Date Paid: July 1, 2024

The septic design plan and associated information received by our office on June 12, 2024 for a new proposed two-bedroom single family residence, **300 GPD**, public water, and on-site subsurface sewage disposal at the above stated property, in the Town of East Lyme:

- Needs further revisions: Does not comply with the requirements of Section 19-13-B103 and 19-13-B100a of the Connecticut Public Health Code and/or the Ledge Light Health District Plan Review Policies.**

**“Additional Approval Requirements”**

1. The private well serving the adjacent property, #10 Brookfield Dr, must be located and shown on the plan. Site visit verification may be required.
2. The distribution box, and the south end of the proposed leaching row, are within 15’ of the upgradient/side property line.
3. The septic tank scales at just under 10’ from both the building served, and the property line.
4. Floor plans for the proposed dwelling are required to confirm basis of sanitary design.
5. It must be indicated on the plan who performed the percolation tests.
  - a. Please clarify the last readings compared to the overall depth of the hole. How much water was remaining when the test was complete?
6. Include comments on the plan regarding the use of garbage grinders and/or large tubs.
7. It is recommended that tank covers be left on the tank for safety reasons and to avoid potential odor problems when manhole riser assemblies are utilized over cleanout openings. If a riser cover weighs less than 100 lbs, then the tank cover shall remain in place or a secondary safety lid or device, installed per manufacturer specifications, shall be provided. It is recommended that secondary safety lids or devices be utilized for safety reasons even if the riser cover weighs 100 lbs or greater. All below grade tank or riser cover handles shall contain or be fitted with a material that can be located with a metal detector.
8. Installer to submit scaled and/or tied as-built to LLHD upon 30 days of completion with distances to flow line at house, inlet and outlet cover of tank, d-boxes, cleanouts and ends of leaching rows, well, footing/curtain drains and between tie points. In addition, provide the name of installer, date, house location and street/directional arrow.

**The following are not currently required by CT Public Health Code and/or LLHD Plan Review Policies but are encouraged/recommended to protect the proposed structures, onsite septic system, water treatment discharge system and/or water supply/groundwater.**

1. It is strongly encouraged to keep the original tank covers on all tanks requiring risers to prevent the escape of sewer gases and prevent individuals from falling into tanks.
2. The designer should take into consideration the location of potential future water treatment discharge systems, rain gardens and footing/gutter drain discharge locations.

**\*Please note that soil testing indicated on this plan are representative of actual soil conditions and additional deep test pits and percolation tests may be required by the Ledge Light Health District if the building or system location is altered and/or the suitable septic area is limited, or if existing data is limited. Applicant should be aware that subdivision approval IS NOT sufficient for individual lot approval. Each lot must be reviewed by the Ledge Light Health District at the time of building permit application in order to obtain lot approval and issue a septic/well permit.**

Please call me at 860-448-4884 with any questions regarding this matter.

Sincerely,



Danielle Holmes, REHS/RS  
Senior Sanitarian

Cc: **Town of East Lyme Code Officials**  
**Owner – Andia Likollari**