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Date: 1/31/21

To: Mark Reynolds, PE

Subject Property: Meyers Subdivision, Daniels and Young Street, East Hampton, CT

Plan Designed by: Mark A Reynolds, PE Plan Date: 7/14/20 Last Revision Date: None Date Paid: 1/6/21

The plan and associated information submitted to our office on 1/28/21 for a proposed 5 lot subdivision/commission review. Lots 1-5 range from 1.96 to 3.9 acres and are to be served by private well water and onsite septic systems, in the Town of East Hampton

The Chatham Health District does not issue approvals for Subdivision or Commission reviews, but our recommendation for suitability of the previously stated plan/lots to accommodate the Connecticut Public Health Code Section 19-13-B103e and 19-13-B100a are as follows:

X Lots 1-5 are not recommended suitable in their current condition and the following issues are to be addressed:

"Additional Suitability Issues"

1. Show the percolation test locations on the proposed subdivision plan.
2. Percolation tests 1-4 do not have sufficient readings to determine a standard rate of drop. In addition, based upon said perc rates, the septic systems are required to be at least 8' to ledge and 2' to groundwater or double the distance to wells (test holes were not dug at sufficient depth to provide 8' to ledge).
3. Lot 3 and Lot 5 shall require the leaching system be located 24" to groundwater due to perc rates < 5 min/inch.
4. Parcel A is to be labeled Lot 5 to align with the design criteria on page D-1.02.
5. The MLSS Calculations and Septic Design Recommendations on page D-1.02 are to be changed to reflect Lots 1-5 and the test holes on said lots. For example, the MLSS calculations for Lot 1 uses test pit data from Lot 2, Lot 2 uses test pits from Lot 1, Lot 3 uses data from Lot5/Parcel A, Lot 5/Parcel A uses test pit data from Lot 3).
6. The MLSS for Lot 1 should have a depth to average restriction (based on TP 5, 7 and 8) as 34.33", HF=18 and MLSS of 31.5'.
7. The MLSS for Lot 3 has a slope of 5.35%, HF =26 and MLSS of 45.5'.
8. The MLSS for Lot 4 has a slope of 5.83%, HF=24 and MLSS of 42'.

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

1. All proposed well arcs should be kept on the property they serve (to allow neighbors full use of their properties) and all well casings should be located at least 10' from driving surfaces and/or structures to prevent future damage and allow for future maintenance of the wells.
2. The designer should take into consideration the location of potential future water treatment discharge systems.

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

Please call me at 860-365-0884 ext 306 or e-mail ryan.mccammon@chathamhealth.org with any questions regarding this matter.

Sincerely,



Ryan McCammon, RS
Chief Sanitarian

Cc:Owner- Robert Meyers
Town of East Hampton Planning, Zoning and Wetlands Commissions, via Jeremy Decarli