

Date: 12/18/2023

To: James Bernardo L.S., & Petrit Marku, Owner

Subject Property: 220 Pennsylvania Avenue, East Lyme 06357

Plan Designed by: **James Bernardo, L.S.** Plan Date: **9/25/2023** Last Revision Date: **12/3/2023** Date Paid: **11/16/2023**
The plan and associated information submitted to our office on **12/12/2023** for a proposed **4** lot subdivision/commission review. Lots range from **0.90 to 1.34** acres and are to be served by **public water** and **private septic systems**, in the Town of **East Lyme**.

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

- Lots #1, 3, & 4 are recommended suitable in their current condition IF footing drains are not required**
- Lot #2 is recommended suitable IF AND when the following plan issues are addressed:**
 - 1. PT#8 data is not included on the plan which is located in the proposed primary. This shall be fixed for individual lot review, if this perc is <1 min/in (similar to to the two nearest ones, PT#4&5), then the leaching must either be demonstrated to be >150' to any well or have >8' to ledge below the system.**

"Additional Suitability Issues" / Notes & Recommendations:

- 1. Perc test data and labeling either missing or labeled incorrectly.**
 - a. On plan depiction, there are 2 percs labeled PT#6**
 - b. On the list of PT readings, there are two labeled PT#7**
 - c. There is no data of PT readings for PT#8**
 - d. Data for one perc test shown on the plan is missing. 9 perc tests are shown and data is only supplied for 8.**
- 2. Whichever driveway/road configuration is chosen/approved shall be made clear to LLHD and if the septic design is impacted, further revisions and/or testing may be required.**
- 3. Lot #1:**
 - a. Reserve leaching not following contours.**
 - b. Septic tank proposed 22' to house and 15' to garage with footing drains proposed.**
 - c. Sheet 3 shows driveway proposed in close proximity to proposed primary and reserve. These shall be staked by L.S. and protected during clearing and construction.**
- 4. Lot #2:**
 - a. Primary leaching not following contours.**
- 5. Lot #3:**
 - a. Sheet 3 shows driveway proposed in close proximity to existing leaching to be kept in use, this system shall be staked by L.S. and protected during construction.**
 - b. Leaching serving existing house shall be investigated to determine exact location, this system shall meet all required PHC setback distances in order to gain B100a approval.**
- 6. Lot #4:**
 - a. Septic tank proposed 22' to house and 16' to garage with footing drains proposed.**
 - b. Sheets 3 & 4 show driveway proposed in close proximity to proposed primary and reserve. These shall be staked by L.S. and protected during clearing and construction.**



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*Please note that soils testing indicated on this plan are representative of actual soils 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. 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 860-448-4882 x 1316 with any questions regarding this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joe Blanchard', is written in a cursive style.

Joseph Blanchard, REHS/RS, MPH
Sanitarian II

cc: **Town of East Lyme**

Wendy Brown-Arnold, Supervisor of Land Use Activities, LLHD