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March 17, 2023

Dr. Michael Klemens, Chairman
Planning & Zoning Commission
27 Main Street
P.O. Box 0548
Salisbury, CT 06068

Re: Lassy Residence
140 South Shore Road
Salisbury, CT

Dear Mr. Chairman:

We have reviewed the following information provided to our firm:

1. Engineering drawings as submitted by Patrick R. Hackett, P.E., Dated February 2, 2020, **revised March 1, 2021** to include the following sheets:
 - a. Existing and Proposed Conditions, Sheet 1 of 1
 - b. Subsurface Sewage Disposal Design Repair, Sheet 1 of 2 & 2 of 2.
 - c. Erosion & Sediment Control Plan, Sheet E&S1
 - d. Erosion & Sediment Control Plan, Sheet E&S2
 - e. Detail Sheet, Sheet 1 of 1
 - f. Stormwater Management & Planting Plan, Sheet 1 of 1
 - g. Prudent & Feasible Alternatives, Sheet 1 of 1

2. Response Letter to Engineering Review Comments dated March 6, 2021 as completed by Patrick R. Hackett, P.E.

3. Summary of Porous Pavement System Reconfiguration, 140 South Shore Drive, Dated January 20, 2023, page 1 of 1.
4. Site Plan, Lassy Residence, 140 South Shore Road, Salisbury, Connecticut. Dated January 20, 2023. Scale: 1" = 16'

We take no exception with the Site Plan Modification and offer the following Conditions of Approval.

Please note: The words, "porous pavement" and "permeable pavement" are interchangeable. You may find the proposed pavement indicated either way within the Proposed Site Plan set of maps.

Recommended Conditions of Approval:

1. The Design Engineer shall review the Regular Inspection and Maintenance Guidance for Permeable Pavements (a.k.a. Operation & Maintenance Plan - OMP), with the Owner(s). Upon completion of the review, the Owner(s) shall provide a written statement to the PZC Chair indicating that they understand and will adhere to the requirements of the OMP.
2. We recommend that the Design Engineer inspect all phases of the site work and provide correspondence to the Land Use Administrator indicating that the Permeable Pavement was installed according to the Site Plan, and that permanent stabilization of the adjacent areas has been established.
3. Material submittals shall be approved by the Design Engineer and copies forwarded to the Land Use Administrator prior to construction, to be placed in the application file.
4. Recommend that the full permeability of the pavement be tested by the application of clean water at a rate of at least 5 gpm over the surface, using a hose or other distribution device. All applied water shall infiltrate directly without large puddle formation or surface run-off, and shall be observed by the Design Engineer. The Design Engineer shall certify the results of this test in writing to the Land Use Administrator.
5. Testing and inspection: Employ, at the Owner's expense, an inspection firm acceptable to the Design Engineer, to perform soil inspection services, staking and layout control, testing and inspection of the site grading and pavement work. The Design Engineer, prior to starting construction, shall approve inspection milestones and lists of tests in writing. A State of CT Licensed Professional Engineer must sign all test reports.
6. Pavement sub-grade, subbase, and base shall not be used for equipment or materials storage during construction. Under no circumstances shall vehicles be allowed to deposit soil on these layers and/or the paved porous surface.

7. Test in place subbase/base courses for compliance with requirements for thickness per the Typical Driveway Cross-Section. Repair or remove and replace unacceptable work as directed by the Design Engineer.
8. All existing driveway grades shall be maintained unless the Design Engineer deems it necessary to modify.
9. Recommend that the installation be completed during a dry period to avoid any possible erosion issue when the current driveway is boxed out for construction.
10. The Owner/Developer shall add erosion and sedimentation control measures as deemed necessary by the Design Engineer, Town of Salisbury staff and/or Consulting Town Engineer.
11. All disturbed areas shall be restored to its' original condition with a permanent vegetative cover.
12. All erosion and sedimentation control measures shall remain in place and maintained until a permanent vegetative cover is established.
13. Inspections of the pavement shall be completed annually, by the Design Engineer, for a period of five years to insure the functionality of the proposed permeable pavement. All results shall be submitted to the Land Use Administrator once the inspection(s) is completed.

Please note: The Recommended Conditions of Approval above are for the porous pavement modification only. All previously approved Conditions of Approval shall remain in place except for those relating to the porous pavement.

Sincerely,

Thomas D. Grimaldi
Principal Engineer

Robert R. Hiltbrand
Principal