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October 15, 2024

Mr. Larry Burcroff, Chairman
Inland Wetlands Commission
27 Main Street
P.O. Box 0548
Salisbury, CT 06068

Re: #280 Between the Lakes Road
(New House)
Salisbury, CT

Dear Mr. Chairman:

We have reviewed the following information provided to our firm:

1. Engineering drawings entitled, "NEW RESIDENCE, 280-300 BETWEEN THE LAKES ROAD, SALISBURY, CONNECTICUT" as submitted by Haley Ward, Scale: As noted on plans, Dated SEPTEMBER 10, 2024, to include the following sheets:
 - a. Cover Sheet, Sheet 1
 - b. Topographic Survey, By Timothy Wyle, Jr., LS, Sheet 2
 - c. Site Plan, Sheet 3
 - d. Septic System Details, Sheet 4
 - e. Site Details, Sheet 5

2. Stormwater Report with associated mapping as submitted by Haley Ward dated September 10, 2024.

Engineering Review Comment:

1. We take no exception with the methodology of the Stormwater Report.

Site Plan-

1. It appears from the existing topography that the entire area of the driveway could be treated by the addition of a grassed-lined swale from the southwestern most portion of the driveway to the proposed rain garden, and on the northern side of the proposed driveway from Between the Lakes Road to the Rain Garden with a stone-lined swale. If the Rain Garden sizing is of concern, the dwelling could be discharged into drywells in an effort to remove that area from the Rain Garden. Also, the Rain Garden could be extended to the north and slightly to the south to gain more area.
2. A permanent easement for the right to drain and for maintenance over land of Lot #1 in favor of Lot #2 should be filed in the Salisbury Land Records, in the event that the ownership of either of the parcels is transferred.
3. Provide an Operation & Maintenance Plan for the proposed Rain Garden.
4. There are sixteen proposed geothermal wells located to the south of the proposed dwelling. Provide erosion and sedimentation control measures for the tailings and water that will be discharged during the drilling process.
5. Recommend the installation of a large sediment log directly down slope of the proposed Rain Garden.
6. Provide inlet protection for the proposed yard drain.
7. Add compacted subgrade to the Paved Driveway cross section detail.

Recommended Conditions of Approval:

1. Submit revised Engineering Plans to the Town Engineer for review/approval.
2. Final approved plans shall have live signature and embossed seal of the Engineer and Surveyor of record. These shall be submitted to the Town of Salisbury Land Use Administrator prior to any construction.
3. **The Design Engineer shall provide an Erosion & Sedimentation Control Measures Bond estimate for review by the Consulting Town Engineer.**
4. A Pre-Construction Meeting is recommended with the Town staff prior to the start of construction to inspect E & S control measures and to discuss construction sequencing/phasing.

5. During the construction process, the Owner/Developer/Contractor shall add erosion and sedimentation control measures as deemed necessary by the Town of Salisbury staff and/or the Consulting Town Engineer.
6. Daily inspections and required maintenance of all erosion & sedimentation control measures shall be completed by the General Contractor until a permanent vegetated cover is established. Repairs shall be made immediately after inspections.
7. Inspection requirements, by the Consulting Town Engineer, shall be determined by the Commission.
8. An As-Built Site Improvement and Grading Plan, prepared by a State of Connecticut Registered Land Surveyor, shall be submitted to the Land Use Administrator after all the site work is completed, and prior to requesting a Certificate of Occupancy.
9. A final site inspection shall be completed by the Land Use Administrator and/or the Town Engineer prior to the release of the Erosion & Sedimentation Control Bond and/or the issuance of a Certificate of Occupancy.

Sincerely,

Thomas D. Grimaldi
Principal Engineer

Robert R. Hiltbrand
Principal