



Civil Engineering / Land Planning / Construction Services

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August 28, 2023

Effingham Planning Board
George Bull, Chair
68 School Street
Effingham, NH 03882

Subject: Engineering Review Letter
Meena, LLC
NH Route 25 & Leavitt Road
Effingham, New Hampshire
NPE Proj. No. 22026

Dear Board Members,

At the request of the Planning Board, Northpoint Engineering, LLC (Northpoint) has performed technical review of the updated plans and supplemental material for the subject project that have been provided to us. The material and plan documents were reviewed to determine conformance with the Planning Board approval conditions identified in the Notice of Decision dated July 13, 2023 as well as any remaining technical comments from our previous review letters

The material that we reviewed included, but was not limited to, the following items:

- Seven sheet plan set prepared by Horizons Engineering last revised 8/2/23 (date of print stamped 8/7/23) that includes a Cover Sheet, a Boundary Survey, an Existing Conditions Plan, a Site Plan, a Stormwater Management Plan, a Stormwater Management Detail Plan sheet and a Bioretention Basin Details sheet (collectively referred to as the Current Plans in this letter);
- Geoprobe Investigation report prepared by Michael J. White, C.G., date July 10, 2023;
- Addendum to Geoprobe Investigation report prepared by Michael J. White, C.G., date July 19, 2023;

Summary

The Geoprobe Investigation report and associated Addendum adequately address the Planning Board's remaining concern relative to soil testing underneath the bioretention basin. No further action is necessary on this item in our professional opinion.

The plans have been revised to: (1) address the setback location of the diesel fuel pumps; (2) specify an impermeable liner on the sides of bioretention basin; (3) add spot elevations and flow arrows to the area between the buildings; (4) clarify the limits of pavement removal; (5) identify areas of gravel to be loamed & seeded; (6) relocate the basin spillway to the east; and (7) add

spot elevations and drainage flow arrows in the areas of the pumps. No further action is necessary on these items in our professional opinion.

We offer the following comments and recommendations to the Planning Board to consider prior to issuing final approval:

1. In accordance with previous review comments and with Horizon's previous response, the final Existing Conditions Plan should include the stamp of the certified wetland scientist who performed the wetland delineation. Alternatively, the wetland scientist could provide a stamped letter referencing the plan or the plan could include a note referencing a separate plan that is on record that contains the stamp. Or, the Board could accept any other acceptable documentation that confirms the wetland mapping was performed by a certified wetland scientist.
2. The Stormwater Inspection & Maintenance Manual should be recorded at the Registry of Deeds.
3. The Fire Department should review and approve the Spill Prevention Control Plan.

This completes our review of the submitted items. If you have any questions, please feel free to reach out to me directly.

Sincerely,



Jeffrey W. Lewis, PE
Principal Engineer
Northpoint Engineering, LLC