

September 22, 2022

Mr. Doug Finch, Town Manager
Town of Canandaigua
5440 Routes 5 & 20 West
Canandaigua, New York 14424

RE: BACKUS RESIDENCE – 2380 ANDREWS ROAD
SITE PLAN REVIEW
TAX MAP NO. 71.00-1-5.090
CPN NO. 22-060
MRB PROJECT NO.: 0300.12001.000 PHASE 296

Dear Mr. Finch:

MRB has completed a review of the submitted Site Plan regarding the above referenced project, dated August 1, 2022, prepared by Marks Engineering and received by MRB on August 31, 2022. We offer the following comments for the Planning Board's consideration. A brief written response to each comment should be provided by the design engineer.

1. The proposed on-site wastewater treatment system will require review and approval from NYSDOH and the Town CEO. Copies of all correspondences with those agencies should be provided to the Town Development Office.
2. The existing conditions plan should include the following information: all existing utilities (labeled with size, material, inverts, etc., if known), treelines and individual trees, wetland and waterbody boundaries (labeled with regulatory and identifying information), and all steep slope areas should be identified.
3. The existing conditions plan should show bearings and distances for the lot lines. The surveyor certification statement should be signed prior to submitting the plans for approval signatures.
4. The proposed parcel based on environmental mapping and Onco, appears to be located within an identified Federal Wetland. Has any wetland delineation been performed? Has any coordination with US ACOE occurred? All correspondences are to be forwarded to the Town and MRB.
5. The plans should be updated to identify any tree removals or tree clearing limits.
6. The signature lines for the highway superintendent and water superintendent should be combined to "Town of Canandaigua Highway & Water Superintendent."
7. The design engineer should coordinate with the Town Highway & Water Superintendent to determine if a driveway culvert will be required.

8. The plans should be updated to provide the size and material of the proposed water service.
9. The site plan is noted in the border to have a scale of 1" = 20', whereas the scale bar included is for 1" = 50'. Please resolve this discrepancy.
10. What is the purpose of the proposed pond? How was the pond sized? Sizing calculations/modeling should be provided. Also, as the spillway appears to be the only outlet for the pond, the pond should be adjusted so that the spillway, or 100-year storm elevation, is at least 1' below the top of embankment, whichever is greater. The spillway riprap should also extend to cover the side slopes of the spillway, at least 1' down the interior embankment, and sufficiently down the exterior embankment to protect against erosion. If no roadside channel exists to handle the outflows, then a flow diffuser or similar practice should be used to transition outflows to sheet flow. Also, silt fence should not cross in front of the spillway.
11. The silt fence around the pond should be extended further west to cover the full extents of the embankment work. Also check dams should be considered for the proposed swales. Please update the plans accordingly.
12. The limits of disturbance should include all silt fence locations. The total acreage should be updated to reflect this.
13. Please note that if the project disturbs 1 or more acres of land, the project will be required to obtain coverage under the NYS SPDES General Permit for Stormwater Discharges from Construction Activity, GP-0-20-001. This will also require the preparation of an erosion-control SWPPP. As the disturbances are under 5-acres, and as the project is single family residential, post-construction stormwater management practices are not required. A note to this effect should be added to the plans.
14. A note should be added to the plans indicating that all exterior lighting shall comply with section § 220-77 of the Town of Canandaigua Town Code.
15. The concrete washout area detail should also note that the liner shall be replaced if ripped, or whenever the washout is emptied. The washout detail should also note separation requirements from sensitive receptors (see page 2.24 of the NYS Blue Book).

If you have any questions, comments or concerns regarding any of the above comments please contact me.

Sincerely,



Lance S. Brabant, CPESC
Director of Planning & Environmental Services