

September 13, 2021

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

Re: Site Plan – 3895 Acorn Hill Road – Town of Canandaigua , Ontario County, New York

Dear Mr. Finch:

We are in receipt of project review comments provided on the town's behalf by MRB Group in a letter dated September 6, 2021. We offer the following responses below in a format that follows the original restated comment:

1. The survey certification statement is to be signed prior to the plans receiving approval signatures.

Comment noted. That is the way we always present the plans for signatures.

2. The existing utility lines should be labeled with the following information if known/applicable: size, material, slope, thickness ratio, and inverts.

Comment noted. Will show this information on our final drawing presented for signatures. The affected lines to which we can add further information appear to be the existing watermain and driveway culvert pipe.

3. The site data zoning notes should be updated to indicate the proposed setbacks and coverages, as well as the existing lot dimensions. These notes should also indicate lot dimension requirements. Dimension lines extending from the structure to the lot lines should be shown to demonstrate the front, rear, and side setbacks proposed.

We will identify the proposed values per the design and show the requested "tie distances" on the final drawing presented for signatures.

4. A driveway turnaround area should be provided.

Will show a driveway turnaround area on our final drawing presented for signatures.

5. The proposed septic system and leaching area design is to be reviewed and approved by the Canandaigua Lake Watershed Inspector and NYSDOH prior to issuance of a C/O.

Our plans have been sent to NYSDOH and the watershed inspector. The watershed inspector responded with no comments. We have yet to hear back from NYSDOH.

6. The proposed gas service key label (N) refers to the proposed drywell. Please update.

We will correct this discrepancy on our final plans submitted for signatures.

7. All proposed downspout and/or roof leader locations/lines are to be shown on the plans.

We will show a driveway turnaround area on our final drawing presented for signatures

8. The note regarding the drywell indicates that the drywell is sized to accommodate roof runoff. How will roof runoff be directed to the drywell? Also, a drywell detail is to be provided.

For single-family residential structures, we typically use a 10-year storm runoff value (rational method with 15 minute time of concentration) applied to the roof area to estimate a reasonable design volume. Please advise if another method is preferred.

9. Has soil infiltration testing and soil exploration been performed for the proposed dry well practice? If so, please provide copies of the results and a map of the locations. If not, please note that this will need to be performed at the time of construction. A note is to be added to the plans indicating that the bottom of the dry well must be separated at least three feet vertically from the seasonally high water table or bedrock layer.

Soil infiltration tests have not been done at the proposed locations for the drywells and it is preferred to do so at the time of construction. plans do show these re-established utility connections called out on sheet 2 under the work plan. The requested note will be added to our final drawing presented for signatures

10. The limits of disturbance boundary should be shown on the site plan (sheet 2 of 3) as well. It appears that the limit line does not include all land disturbance activities associated with this project. The boundary line and the total acreage of disturbance is to be updated accordingly. The proposed septic system 50% expansion area may also need to be included in the boundary.

We will revise the disturbance line and also show it on sheet 2 of 3 as well on our drawing presented for final signatures.

11. A construction staging area, and topsoil stockpile (fully encompassed by silt fence) should be shown on the plans.

We will add these items to our final plans presented for signatures.

12. The proposed silt fence should be kept within the limits of clearing if possible and provided with j-hooked ends.

These items will be shown with the requested detail on our drawing presented for final signatures.

13. The locations of all proposed lighting, once determined, should be noted on the plans. A note is to be added to the plans indicating that all exterior lighting is to comply with Section 220-77 of the Town Code. Other than house lighting, is any additional lighting proposed?

Proposed lighting is presently unknown but will be shown on the plans when known in addition to a descriptive note indicating compliance with the code item mentioned. Any additional lighting is unknown.

14. The Town of Canandaigua Typical Driveway Culvert Detail (Appendix H-1.1) and Standard Notes are to be added to the plans.

That detail and those notes will be added to our final plans presented for signatures.

15. A site specific sequence of construction is to be added to the plans.

We will add a proposed construction sequence to our final plans presented for signatures..

16. The temporary and permanent seeding notes are to be revised to specify a zero phosphorus fertilizer.

We will revise that note accordingly on our final plans presented for signatures.

17. The following notes regarding phosphorous use should be added to the landscaping plan:

- No Phosphorous shall be used at planting time unless soil testing has been completed and tested by a Horticultural Testing Lab and the soil tests specifically indicate a phosphorous deficiency that is harmful, or will prevent new lawns and plantings from establishing properly.*
- If soil tests indicate a phosphorous deficiency that will impact plant and lawn establishment, phosphorous shall be applied at the minimum recommended level prescribed in the soil test following all NYS DEC regulations.*

Those requested notes will be added to our final plans presented for signatures.

We trust that these responses are adequate at this time. We will be present at your planning board meeting tomorrow to respond to these and any other issues that may emerge during the review of this project.

Thank you for your assistance in the review and administration of this project.

Very truly yours,

PROFESSIONAL ENGINEERING GROUP

A handwritten signature in black ink, appearing to read "Scott A. Harter", followed by a long horizontal flourish.

Scott A. Harter, P.E.
SAH:sah