



# MarksEngineering

42 Beeman St.  
Canandaigua, NY 14424

March 31, 2022

Town of Canandaigua  
c/o Doug Finch, Town Manager  
5440 Routes 5 & 20 West  
Canandaigua, NY 14424

**RE: Saralinda Hooker Residence – 4760 S. Menteth Drive – TM# 140.11-1-36.000**

Dear Mr. Finch:

On behalf of our client, Ms. Saralinda Hooker, we offer the following in response to comments made in the letter dated 03/17/22 from MRB regarding the subject property:

1. *"A completed FEMA certificate and associated Town Flood Development Permit will be required."*  
**Acknowledged.**
2. *"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"*  
**Applicant will coordinate with the Watershed Inspector.**
3. *"All existing and proposed easements (if any) should be shown and labeled on the plans with grantor and grantee. Existing easements should also include liber and page in the label. Please update the plans accordingly."*  
**No easements.**
4. *"The plans indicate that the survey map used is dated September 18, 1990. Have any newer survey been performed?"*  
**An instrument survey was performed on 12/27/21. This is indicated on EX100.**
5. *"The mean high-water line should be labeled with the elevation. Also, all flood zone boundaries are to be shown on the plans and labeled with the elevation (if known). The boundaries of Menteth Creek (top of bank) should be shown on the plans."*  
**The mean high-water line has been labeled with elevation. Flood zone boundaries have been added to the drawing, viewable on 3 Overall Map which is on both EX100 & C100. Edge of creek was shot by a survey crew which is shown on EX100.**
6. *"All existing and proposed utilities should be labeled with size, material, thickness ratio, length, slope and inverts (if known/applicable). Some of the existing and proposed utilities are missing some or all of this information."*  
**This information is unknown. Coordinate with utility companies is noted on C100 for each utility.**
7. *"The existing conditions plan should clearly identify all removals and demolition work. The legend does not include any symbols or linetypes for removals. Also, the utility lateral and service disconnections should be noted on the existing conditions plans with the other removals and demolition work. Lastly, an existing conditions plan with the parcel boundary, stamped by a licensed surveyor should be provided."*  
**EX100 identifies what is being removed by call outs and linetype. Added linetype to Legend for clarity. Added callouts for ex water and power disconnections on EX100. EX100 is stamped and signed by a licensed surveyor.**



8. *"Tree protection should be shown around the trees labeled to be protected. A tree protection detail should be added to the plans."*  
**Added protection to trees on C100 and callout updated. Tree protection detail added to C500.**
9. *"The zoning bulk table should include existing conditions as well, and should include minimum lot area and width requirements."*  
**Added to bulk table on C500.**
10. *"The existing shared driveway is longer than 500' and appears to be approximately 9' in width. Per section 511 of the NYS Fire Code, driveways for up to four one-or two-family detached dwellings with a driveway that is longer than 300' shall be of a minimum unobstructed width of 12'. For driveway in excess of 500', turnouts shall be provided of 20' in width and 50' in length at a maximum spacing of 500', and a suitable fire apparatus turnaround shall be provided. The design engineer should coordinate with the Town Code Enforcement Officer to determine what fire apparatus features are required for this site."*  
**Drive to be widened to 12' added to C100. Turnout notated on C100. Turnaround added to C100. Separate Fire Truck Turning Movements plans provided.**
11. *"All existing driveway connections to the shared driveway are to be depicted on the plans. Please note that if the number of dwellings connected to this shared driveway exceeds four, the shared driveway may need to meet the requirements of a fire apparatus access road (NYS Fire Code Section 503 and Appendix D). Please coordinate with the Town Code Enforcement Officer regarding the fire apparatus access requirements."*  
**Added to EX100 and C100.**
12. *"Silt fence should be provided along the east side of the project area between the proposed disturbances and the adjacent creek. A construction staging area and concrete washout area should also be shown on the plans. A concrete washout area detail should be provided."*  
**Silt fence added to east side of project - C100. Construction staging area and concrete washout added to C100. Concrete washout detail added to C500.**
13. *"Calculations and/or modeling are to be provided to demonstrate that the proposed infiltration trench is adequately sized. Has soil infiltration testing, and exploration been performed? If so, please provide with the results. If not, soil testing and exploration in accordance with the NYS Stormwater Management Design manual requirements is to be performed prior to installation of the system."*  
**See attached Drainage Calculations PDF**
14. *"The size of the trench overflow pipe outlet protection should be noted and shown on the plans. The inverts and slope of this pipe should be noted."*  
**Updated callout with protection size, inverts, and slope. Added detail to C500 for outlet protection.**
15. *"The plans should show and indicate that the area of the proposed infiltration trench should be protected from compaction during site construction. Once installed, silt fence should be provided around the infiltration trench until the trench and all contributing drainage areas have achieved final stabilization. This is to be shown on the plans and noted in the construction sequence."*  
**Added "To be installed after all construction and final grading is complete" to the infiltration trench callout.**



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16. *"The Town of Canandaigua Typical Water Service Detail is to be added to the plans."*

**Added to C500.**

17. *"The construction sequence should be made site-specific and should include the demolition work, utility work, and installation of the infiltration trench. Temporary erosion and sediment controls should not be removed until approval is granted by the Town of Canandaigua."*

**Updated construction sequence on C500.**

18. *"The following notes regarding phosphorous use should be added to the site plan:*

a. *"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."*

**Added to C500.**

b. *"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 NYSDEC regulations."*

**Added to C500.**

If you have any questions, please do not hesitate to contact me at the phone number provided below.

Sincerely,

Brennan Marks, P.E.

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