

April 14, 2023

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

**RE: NELSON RESIDENCE – 0000 MIDDLE CHESHIRE ROAD**  
**SITE PLAN REVIEW**  
**TAX MAP NO. 97.00-1-58.200**  
**CPN No. 22-093**  
**MRB PROJECT NO.: 0300.12001.000 PHASE 313**

Dear Mr. Finch:

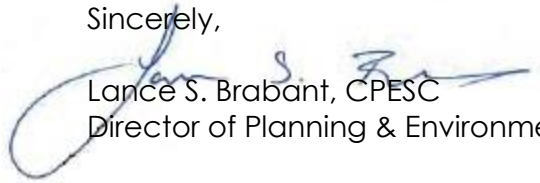
MRB has completed a review of the submitted Site Plan regarding the above referenced project, dated November 18, 2022, last revised March 24, 2023, prepared by Marks Engineering. We offer the following comments for the Planning Board's consideration. A brief written response to each comment should be provided by the design engineer.

1. The detail view for the stream crossing work shows multiple contour labels not tied to any contour lines. The top of wall elevation on the north side still does not appear to be high enough, and also does not match the elevation indicated on the stream cross-section detail.
2. The infiltration trench detail should indicate that infiltration testing will need to be performed and demonstrate a satisfactory infiltration rate per NYSDEC requirements. Also, the dimension indicating the height of the underdrain above the bottom of the trench is obscured by the hatching used. Please update to provide better clarity. A sand or fine gravel filter layer should also be provided, as well as monitoring wells. Please revise the detail to show these features.
3. The construction sequence should be revised to indicate that the stream crossing and associated work shall only be completed when the stream bed is dry, and that approval is required from the Town Code Enforcement Officer prior to completing any work when the stream is not dry. Also, please indicate on the plans whether or not a temporary crossing will be used prior to completing the final stream work, and if so, include a detail.
4. Due to the high flow rates through the stream crossing culvert, please show the actual proposed extents of riprap on the outlet side.
5. In the WQv design calculations, the infiltration basin storage volume does not appear to account for the stone fill. The storage volume should assume 40% void space. The volume indicated in the HydroCAD modeling still does not match the

volume indicated in the infiltration trench sizing worksheet. Please resolve these discrepancies. Also, the worksheet and detail show a design depth of 3.5' whereas the modeling shows 2.5'. Please resolve these discrepancies.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Lance S. Brabant", is written over the typed name.

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