



39 Cascade Drive / Rochester, NY 14614 / Phone (585) 458-7770

January 8, 2019

Mr. Doug Finch
Town of Canandaigua
5440 Route 5 & 20 West
Canandaigua NY 14424

Re: Response to MRB Comments
John & Joanne Smith - 4519 Davidson Landing
Site Plan Review
MRB Project No.: 0300.12001.000 Phase 151

Dear Doug,

On behalf of our client, John and Joanne Smith, we are submitting this letter to address each comment received from the MRB Group.

MRB GROUP COMMENTS - 01/03/2019

1. *It is our understanding that the applicant is requesting a waiver from the Town of Canandaigua Planning Board regarding the Steep Slope Protection Law requirements and has provided the Board with an analysis of the proposed design dated December 11, 2018 for review.*

Acknowledged.

2. *The horizontal datum referenced should be noted on the plans.*

The project is not tied to any horizontal datum. Per note 3 on drawing V1.0, the boundary was taken from an old topographic survey map and is shown for graphical representation only. Please clarify if this information is insufficient.

3. *The drainage swale which extends from the end of the 12" perforated pipe is to be lined with stone armoring to help prevent erosion. Also a flow spreader or other end treatment should be provided at the end of the proposed swale.*

The swale armoring is shown on drawing C2.2 and a permanent stone check dam is shown on the Erosion control plan. The plan will be modified to show both in one place for further clarity.

4. *Please provide a copy of the retaining wall detail shown on the architectural plans.*

A copy of the detail will be provided to the Town.

Going the distance for you.

5. *The extent of the erosion control blanket to be provided for steep slope areas should be shown with a boundary line or shading.*

The graphics will be updated as requested.

6. *The temporary sediment trap sizing calculations provided do not appear to match the calculations in the NYS Standards and Specifications for Erosion and Sediment Control. The NYS Standards require that 3,600 cubic feet of volume be provided for every 1 acre of drainage area, not for every 1 acre of disturbance. The calculations should also indicate the length, width, and depth of the trap.*

We agree that placing the sedimentation trap inline with the existing swale will compromise its functionality. Our preference would be to move it back to the original proposed location, so that it can protect the area of disturbance upstream of the existing swale. Sizing the sediment trap for the entire swale drainage basin would cause unnecessary disturbance, or may even be unfeasible.

7. *The provided construction sequence is to be added to the plans and revised as follows:*

- a. It should be noted that the sediment basin is only to be removed once all upstream areas are stabilized.*
- b. The last item regarding removal of erosion and sediment controls should note that this is only to occur once all areas have achieved final stabilization.*
- c. The step regarding protecting disturbed areas with erosion blankets is to be revised to further clarify that all disturbed areas are to be protected and stabilized in this fashion and, where no further disturbances are anticipated, are to be mulched and seeded with a seed mix.*

The construction sequence will be modified as requested.

Please do not hesitate to contact our office with any questions.

Respectfully submitted,



Lucas Bushen
Marathon Engineering

cc: Lance Brabant, MRB Group
John and Joanne Smith