



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

November 19, 2021

Doug Finch  
Town of Canandaigua  
5440 Routes 5 & 20 West  
Canandaigua NY 14424

Re: Response to Comments  
Smith Residence – 4519 Davidson Landing Drive  
Site Plan Review  
CPN No. 21-082 // MRB Project No.: 0300.12001.000 PHASE 263

Dear Doug,

On behalf of our client, John & Joanne Smith, we are submitting this letter to address each comment received from the Town of Canandaigua.

***CHRIS JENSON COMMENTS – 10/19/2021***

1. *Disturbance limits are very close to the edge of dwelling and grading. Unrealistic when it comes to constructing. Move silt fence 10ft from tow of limits of disturbance and relook at limits.*

The disturbance limits have been revised as requested.

***JIM FLETCHER COMMENTS – 10/26/2021***

1. *Will water service continue to be the same size or is there a change?*

The existing water service will be maintained and reused. All modifications to the plumbing will take place after the meter.

2. *If there are changes to the water service the plans should have the detail on them.*

See previous response.

***DON HAVENS, ONTARIO COUNTY DPW COMMENTS – 11/10/2021***

1. *Permit required for renovation.*

Acknowledged. The contractor will apply for this permit at the appropriate time.

2. *Clean outs required every 90 feet and up stream of every change of direction.*

The existing sanitary lateral is to remain and be reused. It enters the home at the existing structure to remain. All modifications to the plumbing associated with the renovation will be within the building footprint.

3. *Add clean out within 3 feet of the foundation.*

See previous response.

4. *Lateral may be reused if it is SDR-35. If it is to be totally replaced it will be required to be SDR-21.*

See previous response.

5. *If reusing the current lateral, it will need to be televised in front of district representative.*

Acknowledged. A note has been added to the plans indicating this.

6. *Add Trenching and Bedding Detail.*

No trenching or bedding is proposed/

7. *Add Clean Out Detail.*

No cleanouts are proposed.

8. *Add Sanitary Lateral Notes.*

No sanitary laterals are proposed.

**MRB COMMENTS – 06/22/2021**

1. *The Planning Board will need to discuss how this application complies with the Town's Shoreline Development Guidelines. Written notice describing how the proposed application complies with the Shoreline Development Guidelines has been provided for the Planning Board's review.*

The application will be discussed at the 11/23 planning board meeting.

2. *The horizontal datum, if one is referenced, should be noted on the plan.*

The project is not tied to any horizontal datum. This note has been added to the existing conditions plan.

3. *All existing and proposed utility service lines should be labelled with the following information if known/applicable: size, material, slope, thickness ratio, and inverts. Notation should be provided regarding water and sewer service disconnections and connections (if any are required).*

Information known about the existing utility services to remain has been added to the plan. All existing services are to remain and be reused, and no new services are proposed. Notation regarding the protection and reused of the existing services has been added to the utility plan.

4. *Any modifications to the existing irrigation system may require review and approval from the Town Highway & Water Superintendent and NYSDOH.*

No irrigation system is proposed.

5. *Will the existing trees to be removed be left with a stump, or will the stump be removed? Please clarify on the plans.*

The stumps will be removed, this has been clarified in the demolition notes.

6. *All previously granted variances should be noted on the plans with date of approval and what the variance was for.*

The previously approved variances have expired and are not applicable to the proposed plan.

7. *Additional note #2 indicates that the downspouts for the new garage shall be directed to a stone lined swale, which we could not locate, whereas the label for the 8" storm leader indicates that all roof downspouts shall be connected to it. Please resolve this discrepancy.*

The note has been updated to reflect the current design.

8. *How will runoff flowing to the retaining wall be handled? Will it overtop the wall? Along the last portions of the wall, nearer to the rain garden, it appears that runoff may end up being channeled along the edge of the wall. The detail appears to show some stone cover; however, this isn't labeled in the detail or shown on the plans. Armoring and/or grading away from the wall should be provided to prevent channeling and erosion against the wall. The plans and detail should clarify how drainage will be managed.*

The configuration of the wall and drainage swale have been re-worked to avoid the wall cutting through the swale. Instead, the wall has been shifted in and the swale will follow along the backside, as close to the existing flow path as possible. The channel will be protected with stone cobbles.

9. *Will an underdrain be provided for the rain garden? If not, infiltration testing and soil exploration should occur prior to installation. Also, the plans proposed to use the rain garden area as a temporary sediment trap prior to installation of the rain garden. This could result in reduced infiltration capacity.*

An underdrain has been added to the facility, technically making the practice a bioretention area. The notes and details on the plans have been updated accordingly.

10. *The temporary sediment trap's required capacity should be based on the contributing drainage area.*

A secondary sediment trap has been added to the plans. There is not enough room onsite to size a sediment basin for the offsite drainage area that flows through the proposed swale without creating additional disturbance and clearing. The sediment basins are intended to capture sediment from the disturbed areas, not the vegetated offsite drainage basin.

11. *Please clarify in the concrete washout detail that the liner shall cover the bottom of the washout and shall extend up and over the sides and berms. The liner should be replaced whenever the washout is emptied. A note should be added.*

The detail has been updated as requested.

12. *The locations of all proposed lighting, once determined, should be noted on the plans. Additional note #3 should also indicate that all exterior lighting is to comply with Section 220-77 of the Town Code.*

The note has been updated as requested.

13. *The Town of Canandaigua Standard Notes should be added to the plans.*

The notes have been added to the plans, minus any notes referencing the SWPPP, which is not applicable to this project.

14. *The sequence of construction should show installation of stone check dams after grading the site. The sequence should also indicate when the rain garden will be installed (after all contributing drainage areas have achieved final stabilization). Erosion and sediment controls should not be removed until all contributing drainage areas have achieved final stabilization, and the town has approved the removal of controls.*

The Sequence of Construction has been updated to include the additional information.

15. *The site plans should demonstrate how the existing drainage swale along the south western property line will be managed during construction. The construction sequence should also be updated to reflect how this will be completed,*

Flow coming from the swale will be managed with a series of sedimentations basins, temporary stone check dams, and permanent stone channel protection. These are shown on the plans and included in the construction sequence.

16. *The rain garden calculations indicate a ponding depth of 1 ft, whereas the NYS Stormwater Management Design Manual (SWMDM) limits the ponding depth to 0.5 ft. Also, the spillway proposed is only 0.5' above, the surface of the rain garden, and as such, only 0.5' of ponding would be possible. Please revise accordingly. Also, the porosity of the drainage layer should be 0.40 unless data is provided to support a porosity of 0.50.*

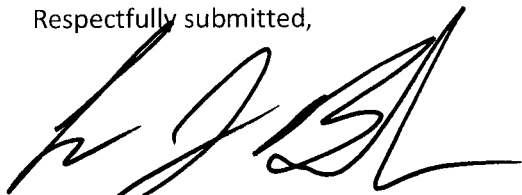
The calculation have been updated. The worksheet now references a bioretention, which is essentially an underdrained rain garden.

17. *Plantings in accordance with the SWMDM should be provided for the rain garden, as plantings and vegetation are a significant component of a rain garden.*

Plantings are now shown on the landscaping plan and in the landscaping schedule.

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

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'L. Bushen', written over a horizontal line.

Lucas Bushen  
MARATHON ENGINEERING

cc: Lance Brabant, CPESC, MRB Group