

September 20, 2019

c/o Eric Cooper
Planning Board Chairperson Thomas Schwartz
Town of Canandaigua
5440 Route 5 & 20 West,
Canandaigua, NY 14424

ATTN: Eric Cooper

RE: 2281 State Route 331, Tax Map # 56.00-2-30.100

Eric,

In answer to comments we have received from the Highway Superintendent, OC Planning Board, and the Town Engineer (MRB Group), please consider the following:

HIGHWAY SUPERINTENDENT

1. *Was any study done down stream from the discharge of the bio swale to determine if the existing culverts were of proper size to convey the run off from this property?*

The project is simply an earth fill project and the nature of the site regarding drainage will not be altered. There will be no additional runoff from the site as a result. When and if the project is developed in the future that involves changes to drainage flows from the site, that development will include measures to limit flows to the existing condition or less as may be required by the Town, NYSDOT, and others.

2. *This property is not in the 332-drainage district. An agreement between the town and who the property owner will be needs to be established on maintenance of this pond.*

The depression shown is a temporary sediment trap. There is no intent or desire to create a permanent pond condition that would require maintenance by either the owner of the town of Canandaigua. The bio-retention pond note is erroneous and will be removed.

3. *A permit will be issued to the entrance into the property once it is submitted to the highway department. The entrance should be placed far enough east of 332 to avoid the concrete divider on Emerson road.*

The temporary entrance is far enough east (approximately 150ft.) to avoid the concrete divider on Emerson Road.

4. *A maintenance and protection plan need to be submitted for traffic.*

A maintenance and protection of traffic plan will be added to the plans for the temporary entrance construction.

5. *Contractor to have on site a broom machine to clean the road when dirt and rock are in it.*
A note will be added to the plans that the contractor will have a broom machine to clean the road when dirt and rock are in it.

6. *Road was recently paved care must be taken to protect the asphalt from damage.. The proposed project site is located within an identified archaeological sensitive area as per the NYSDEC online Environmental Assessment Form (EAF) Mapper and the State Historic Preservation Office (SHPO) Cultural Resource Information System (CRIS). A no impact letter from SHPO should be provided and inserted within the project SWPPP.*

Noted and will do.

Ontario County P.B. & OCSWCB.

1. *Silt fence for Bio-Retention Area B currently in Town R.O.W.*

The pond shown is a temporary sediment control facility that will be removed upon completion of the earth filling activities. Any silt fence shown within the R.O.W. is temporary and will be removed upon completion of the project and adequate slope stabilization.

2. *Town of Canandaigua Highway Department review of weir outlet onto R.O.W. and current ditch capacity for Emerson Road with proposed channelization of sheet flow from parcel.*

The pond shown is a temporary sediment control facility that will be removed upon completion of the earth filling activities. There is no intent to alter the current/permanent sheet flow drainage from the site or create any channelization.

3. *Erosion control fence should be installed along southern swale (indicated by limit of disturbance line) extended from stabilized construction entrance.*

We will add E.C. fencing in the location.

Lance Brabant, Town Engineer:

1. *Please note that according to the NYSDEC EAF Mapper, the site is located in an archeologically sensitive area. As such, coordination with SHPO and obtaining a "no impact" letter will be required.*

We will obtain a letter of "no impact" from the SHPO.

2. *All areas of steep slope (1 :3 v:h or steeper) are to be noted on the plans. All steep slope areas are to be provided with erosion control blanket and steep slope seed mix. The extent of these treatment areas are to be shown on the plans.*

The plan will be revised to show all slopes to be greater than 1:3 v:h. so that erosion control blankets will not be required.

3. *The Town of Canandaigua Standard Notes (attached) should be added to the plans.*

The Town of Canandaigua Standard Notes will be added to the plans.

4. *A temporary culvert should be provided for the temporary construction entrance and should be labeled with size, material, length, slope, and inverts.*

We will provide a temporary culvert per the Highway superintendent's direction and approval. A note is already on the plan to this effect.

5. *Please note that silt fence should not cross into any areas of concentrated flow such as swales or spillways. The plans should be revised accordingly.*

We will revise the plans as directed.

6. *The silt fence along the east side of the site should be extended further to the south.*

We will revise the plans as directed.

7. *Erosion and sediment controls for swales should be in the form of check dams spaced every 2' of vertical elevation change, and/or in the form of a temporary sediment trap.*

We will add crushed stone check dams where directed.

8. *The plans currently show a temporary sediment trap overtop an area labeled as bioretention. If both practices are proposed, please clarify this and also provide a bioretention area detail. Underdrains will be required unless soil testing is performed and demonstrates that the natural soils have an infiltration rate of 0.5"/hr or greater. Soil exploration will be required to ensure that the 2' minimum separation between groundwater and the bottom of the practice is achievable.*

The area is not a bio-retention pond. This note was erroneously left on the plans.

9. *The depth of the temporary sediment trap should be included in the label.*

We will add the temporary sediment control trap depth to the plans.

10. *The 8' wide broad-crested weir should have a stone cover unless hydrology calculations/modeling are provided which demonstrate that the currently proposed conditions would not achieve erosive velocities.*

The sediment trap shown is temporary in nature until fill operations are complete. The trap will then be removed upon completion.

11. *The acreage of disturbance should be noted on the plans.*

We will note the acreage of disturbance on the plans.

12. *Please note that if the acreage of disturbance meets or exceeds 1 acre, the project will be required to obtain coverage under the most current NYS SPDES General Permit for Stormwater Discharges from Construction Activities, GP-0-15-002. As the project does not result in the creation of new, permanent impervious surfaces, the project would only require an Erosion and Sediment Control SWPPP.*

Our understanding of the rules and guidelines of the NYSDEC is that a full SWPPP is not required. We are providing the required erosion control plan and will revise it as may be required by the town of Canandaigua.

13. *The seeding / ground cover notes should be revised to show fertilizer mixes without phosphorus as required by the Town of Canandaigua.*

The seeding and fertilizer notes will be revised accordingly.

14. *The construction sequence should include construction of the bioretention area. Construction of the bioretention area should only occur once all contributing drainage areas have been permanently stabilized.*

There is no intent to construct a bio-retention area. The label indicating that is erroneous and will be removed.

15. *The following notes regarding phosphorous use should be added to the plans:*

- *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 requirements.*

The notes will be added to the plans.

Please do not hesitate to call if you have any additional questions.

Sincerely,



Douglas C. McCord

cc: Sarah Genecco, David Genecco, Lance Brabant