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January 28, 2020

Lance Brabant, CPESC
Director of Planning & Environmental Services
MRB Group
145 Culver Road, Suite 160
Rochester, NY 14620

RE: Wegmans - 4885 County Road 16
Site Plan Review
Tax Map No. 140.18-1-16.000
CPN No. 19-093
MRB Project No.: 0300.12001.000 Phase 183

Dear Mr. Brabant:

We have reviewed and addressed all comments outlined in your letter dated January 22, 2020 for the Wegman Residence Project at 4885 County Road 16. Our responses to each comment are outlined below.

1. *The Planning Board will need to discuss how this application complies with the Town's Steep Slope Protection Law (§ 220-8; Zoning Ordinance) and Town' s Shoreline Development Guidelines. The design engineer should consider providing written notice to the Town Planning Board describing how the proposed application complies with these standards and guidelines.*

   Compliance with the above requirements will be reviewed with the Town Planning Board.

2. *Is any exterior lighting proposed as part of these improvements? If so, the locations should be shown on the plans and cut sheets provided. Please also revise note #7 on the cover to also indicate that all exterior lighting shall be Dark Sky Compliant.*

   No new exterior lighting is currently planned for this project. Existing lighting will be maintained in the area of the garage and drive. If the Client opts to add lighting to the tennis court area in the future, the lights will comply with Town Code Section 220-77. Lighting Standards and Regulations. Note #7 will be revised to indicate that any new exterior lighting shall be Dark Sky Compliant.

3. *The Zoning Chart should include existing and Proposed Conditions.*

   The Zoning Chart will be revised to include existing and proposed conditions.

4. *It is our understanding that a variance would be required for this application. All requested variances should be noted on the plans, and if approved, the conditions of the approval and date of the approval should be noted on the plans.*

   The approved variance will be noted on the plan along with the conditions and date of approval.

5. *The horizontal datum should be noted on the plans.*

   The horizontal datum will be noted on the Existing Conditions Plan, Sheet L0.1

6. *The average water elevation should be noted on the plans. Please also clarify the flood zone boundary line.*

   The mean high-water elevation is noted on the plans, and per previous conversations with the Town Engineer (during earlier phases of the project) the mean high-water elevation information should suffice, and average water elevation should not be necessary. The flood zone boundary is noted on the Existing Conditions Plan, but we will provide greater graphic clarity.

7. *The minimum and typical width, and maximum slope of the proposed driveway should be noted on the plans. Dimensions should also be shown for the pull-off area.*

   All dimensions and slopes requested will be noted on the Site Plan, L1.0.

8. *The full extents should be shown of the proposed water line (drinking fountain) to the tennis court.*

   As currently planned, the water line will be connected from the new drinking fountain to a water source in the basement level of the existing main house. The final routing and point of connection will be determined after further investigation and will be shown on the final Construction/ Permitting Drawings.

9. *The following comments pertain to the tennis court:*

   a. *Based on the section view, it appears that removal of bedrock is anticipated. How will this bedrock be removed? Will any of this material remain on site or will it be trucked off site?*

      Bedrock will be removed mechanically by a machine operated rock breaking ("hoe ram") tool. All the material will be trucked offsite and repurposed for fill in a legal manner.

   b. *A retaining wall detail is to be provided. Also, it is our understanding that the retaining wall will include an underdrain and weeps. The retaining wall detail should show and/or note these features.*

      A Retaining Wall Detail will be added to the Drawings including the underdrain and weeps.

c. *The tennis court enlargement plan should show more existing and proposed contour labels.*

Additional contour labels will be added to the Final Enlargement Plan

d. *An existing patio area to the southwest of the tennis court has an existing stone wall. How high is this wall? Would it trap any runoff directed towards it?*

We assume that the patio being referred to is to the southeast of the proposed tennis court. The existing wall on the east side of the patio is +/- 24" to 36" high. It has been there for many years. The patio area and wall have been draining fine in the past, and the drainage pattern is not going to change.

10. Silt fence should be a different linetype from the limits of disturbance line. Silt fence should be kept generally parallel to contour lines. Silt fence running perpendicular to contour lines, especially in steep slope areas, can cause erosion by channelizing the runoff. Silt fence may also need to be provided upslope of the disturbed areas to reduce runoff velocity.

The silt fence will be depicted differently than the limit of disturbance line and the alignment and location will be reviewed and adjusted as required to avoid running perpendicular to the contours wherever possible.

11. The tennis court stormwater outlet pipe and area drain #2's outlet pipe both end at what appears to be a small level spreader or check dam. This feature should be removed. The discharges from these two areas should be piped further down the slope and discharge closer to the rain garden. Also, all end sections should be provided with stone/riprap stabilization in accordance with the NYS Standards and Specifications for Erosion and Sediment Control (Blue Book).

The overflow from the tennis court system will discharge a minimal amount of water, even during the 100-year design storm. All end sections will be provided with stone/rip rap stabilization that has been coordinated with the erosion control requirements by the Town and State, and aesthetic vision of the Client.

12. The following comments pertain to the Stormwater Sizing Report:

a. *Water Quality Volume (WQv) requirement calculations should be provided. As this site located in the Canandaigua Lake watershed, the WQv should be calculated based on the 1-year, 24 hour design storm per the enhanced phosphorus removal requirements. Calculations should also be provided demonstrating the amount of WQv provided by each proposed stormwater management practice. WQv calculations should be in accordance with the equations provided in the NYSDEC Stormwater Management Design Manual (SWMDM).*

WQv calculations will be provided in the Final Stormwater Report. The tennis court collection system, rain gardens and drywell overflow provide adequate amounts of WQv.

b. *Infiltration testing in accordance with the SWMDM should be performed for all infiltration practices. Filtration practices with underdrains do not require infiltration testing, however it is still recommended that infiltration testing be performed for these practices. If no infiltration testing is performed, or if infiltration testing results in a rate insufficient to support infiltration practices, then the invert of the rain garden underdrains should be the same as the outlet pipe invert, and the dry well and retaining wall infiltration system would not be eligible for providing water quality volume as per NYSDEC standards.*

We will explore having infiltration testing done in the vicinity of the infiltration areas; results will be forwarded to the Town for review and record as appropriate.

c. *Based on the soil mapping provided, the hydrology model should include a mix of HSG B and HSG C soils whereas the model only includes HSG C soils. Please revise accordingly.*

Soil mapping will be reviewed and revised as necessary in the Final Stormwater Report.

d. *Pond infill 1 should include the retaining wall underdrain as an outlet.*

The underdrain will not be located in close proximity or elevation to the recharge system and there will not be a direct and sudden hydraulic connection between these two systems.

e. *The rain garden should exclude subsurface storage for all quantity control modeling as the hydraulic conductivity of the soil media would limit the availability of this storage volume during larger storm events, whereas HydroCAD does not include the ability to easily model this.*

Comment Noted.

f. *The overflow drywell should be included in the model.*

Comment Noted.

g. *The area drains may need to be included in the model to demonstrate that the storm pipes and depression are properly sized to handle the directed runoff.*

We do not recommend micro-modeling the site in hydroCAD. If pipe sizing calculations are required, we can supply closed drainage system sizing under separate documentation.

13. *The invert of the rain garden surfaces should be noted on the plans.*

Invert will be noted on the Plans.

14. *The temporary sediment trap label indicates that a 4' wide spillway is provided, and a faint hatching area is shown which appears to be a spillway. Please revise the label and hatching area to more clearly define the length, width, spillway invert, and embankment height. Please also make this hatching darker. Please also note that no silt fence should be in the discharge path of this spillway.*

    Comment Noted. Information will be added to the drawings and the silt fence line will be revised.

15. *The area to the south of area drain # 1 includes steep slopes and should be shown with the steep slope treatment area hatching.*

    Comment Noted. Information will be added to the drawings.

16. *The following comments pertain to the SWPPP: .*

    a. *All notes regarding the timing of stabilization should be revised to note that in all areas where disturbance activities have temporarily or permanently ceased, stabilization measures must be initiated by the end of the next business day and completed within fourteen days (or less if so desired by the design engineer or landscape architect) .*

    Comment Noted. Information will be added to the SWPPP.

    b. *The SWPPP should include the Town of Canandaigua "no phosphorus" notes (Planting Plan notes 5 & 6).*

    Comment Noted. Information will be added to the SWPPP.

    c. *The NOi should include a phone number and email address for the Owner/operator.*

    Comment Noted. Information will be added to the SWPPP.

    d. *A copy of the Construction General Permit, GP-0-15-002 (or latest version), should be included in the SWPPP.*

    Comment Noted. Information will be added to the SWPPP.

    e. *A copy of the Blue Book should be kept with the SWPPP, or the applicable sections of the Blue Book should be included in the SWPPP*

    Comment Noted. Information will be added to the SWPPP.

    f. *The table of contents notes that an operations and maintenance plan is included for the stormwater system, however it does not appear that this attachment was included. Please clarify or revise.*

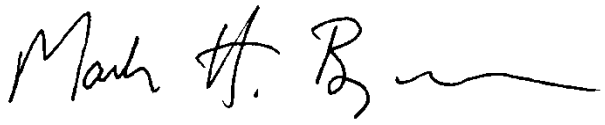
    Comment Noted. Information will be added to the SWPPP.

17. *The concrete truck wash area should have a minimum size of 8'x8'x2', and the plastic liner should be labeled as 10 mil in accordance with the Blue Book. Please also include a note Indicating that the wash area is to be cleaned at or prior to the wash area reaching 75% capacity.*

    Comment Noted. Information will be added to the drawings.

If you have any questions, comments, or concerns regarding any of the above responses please don't hesitate to contact me.

Sincerely,



Mark H. Bayer, ASLA
Principal
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