

July 18, 2019

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

**RE: VIOLAS FAMILY TRUST – 3320 FALLBROOK PARK
SITE PLAN REVIEW
TAX MAP NO. 98.11-1-10.000
CPN NO. 19-045
MRB PROJECT NO.: 0300.12001.000 PHASE 166**

Dear Mr. Finch:

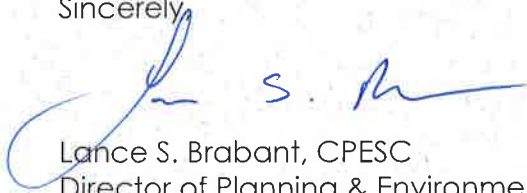
MRB has completed a review of the submitted Site Plan regarding the above referenced project, dated June 21, 2019, prepared by Venezia Associates. We offer the following comments for the Planning Board's consideration. A brief written response to each comment should be provided by the design engineer.

1. The Planning Board will need to discuss how this application complies with the Town's Shoreline Development Guidelines. The design engineer should provide written notice to the Town Planning Board describing how the proposed application complies.
2. The average water elevation, and mean high water elevation should be noted on the plans. The elevations (if known) of the flood zone boundaries are to be noted on the plan.
3. It is our understanding that variances have been requested for this project. All variances, once granted, are to be noted on the plans with the approval date.
4. The tax map numbers for all adjacent properties should be provided.
5. The material of the proposed walkways should be noted on the plans.
6. The design engineer should coordinate with the Town Highway & Water Superintendent regarding the proposed method of water service connection, its location in respect to the proposed porous pavement, and the proposed porous pavement in respect to the existing watermain.
7. Top and bottom of wall elevations should be noted for the existing break wall.
8. The slope of the proposed storm pipes should be noted in the label.
9. The proposed drywell should be relocated to be at least 10' from all existing structures to remain (such as non-decorative walls) and proposed buildings.

10. A note should be added to the plans indicating that the contractor is to delineate all areas identified for infiltration practices and to take care to avoid compaction to these areas.
11. Has infiltration testing and soil exploration been performed? If so, the results should be provided to the Town Development Office and MRB Group. If not, please note that infiltration testing and soil exploration will be required.
12. Sizing calculations should be provided for the two proposed WQv practices.
13. It does not appear that the proposed temporary sediment trap would serve any purpose and as such it should be removed from the plans.
14. The Town of Canandaigua Water Service detail should be added to the plans.
15. The porous pavement detail should be revised as follows: geotextile separation should be provided on the bottom and sides. The base drainage layer should be revised to 6" of no. 2 stone, double washed and free from all fines. Additional specifications should be noted for the porous asphalt such as minimum percent voids, aggregate size, etc. An observation well should be shown on the plans and in the detail.
16. The dry well detail should be revised as follows: in accordance with NYSDEC requirements, a form of pretreatment (such as an impervious, underground chamber with a permanent pool). Geotextile wrap should be provided around the outside of the washed stone layer. A dimension should be provided for the washed stone shown underneath the chamber.
17. A note should be added to the dry well detail and porous pavement detail indicating that the bottom of the infiltration practice shall be separated at least 3' vertically from the seasonally high water table or bedrock layer.
18. It appears that the intent is for the top of drywell grate to serve as an overflow device. If this is the case, a wide, shallow swale should be shown on the plans, with a suitable erosion control blanket, to ensure proper conveyance of overflow from the dry well.

If you have any questions, comments or concerns regarding any of the above comments please call me at our office.

Sincerely,



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