



## FREEHOLD SOIL CONSERVATION DISTRICT

(Serving Middlesex and Monmouth Counties)

4000 Kozloski Road, P.O. Box 5033  
Freehold, New Jersey 07728-5033  
Tel: (732) 683-8500  
Fax: (732) 683-9140  
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Website: [www.freeholdsoil.org](http://www.freeholdsoil.org)

HOVSONS INC.  
c/o EDELE HOVNIANIAN  
4000 ROUTE 66  
TINTON FALLS NJ 07753

8/13/21

Ref.#: 2021-0558  
Proj.: VICTORIA GARDENS TOWNHOMES  
Twp. : NEPTUNE TOWNSHIP  
Block: 4001  
Lots : 1

### INITIAL APPLICATION REVIEW

The Freehold Soil Conservation District has conducted our initial review of the plans submitted for the above referenced application and finds them to be incomplete. The following deficiencies must be addressed in order for the application to be complete.

1. Provide a water tolerant seed mix and rates in accordance with the current state erosion control standard for use in the proposed basins.
2. Complete and return Hydrologic Modeling Database-Data Entry Forms for the proposed stormwater basins and rain gardens. Be sure all data is consistent with the details and features of the stormwater management report and erosion control plan.
3. Provide site specific outlet structure details on the erosion control plan and/or incorporate three sealed copies of Sheet 20 of 30 depicting the necessary details.
4. Graphically depict and label the proposed conduit outlet protection at all discharge locations statewide.
5. Clarify if the rain gardens and basin structures are proposed as sand bottom recharge structures. Identify and label the basin bottoms on the erosion control plan view.
6. The routings of the stormwater management report reflect a peak water surface elevation for several basins lower than the invert elevation of several basin bottoms for the 2 year storm event. Clarify and/or make all necessary modifications to address any discrepancies.



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7. Upon completion of Item #6 provide revised conduit outlet protection calculations reflecting the correct tailwater values based on the 2 year storm event. Discharge locations within a basin must utilize the tailwater generated for the 2 year storm event in accordance with the current state erosion control standards. Make all necessary modifications to the plan details.
8. The scour hole details and chart are not consistent with the proposed discharge pipe size and given calculations. All details must be site specific and consistent with the design support calculations.
9. Document offsite stability based on failure of the recharge systems. Provide a failure analysis which ignores infiltration with no dead storage volume available below the first stage discharge features. Demonstrate that no erosion will occur at the point of discharge if infiltration fails to function. Provide all design support calculations and criteria in accordance with the Offsite Stability Standard, Point of Discharge section. Additionally, identify to what stable receiving area the discharge flows and provide all slope calculations as necessary.
10. Provide a site specific profile of the final outfall including the discharge structure, conduit outlet protection and stable receiving area. Include the profile on the erosion control plan.

Please incorporate the above items in a revised soil erosion and sediment control plan and forward three (3) sets, along with supporting calculations, to our office for further review. These plans must be signed and sealed by a professional architect or engineer. Upon review and determination that the items have been correctly and completely addressed in accordance with the State Standards for Soil Erosion and Sediment Control, the application will be considered complete and recommended for certification. If you should have any questions, please contact our office.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Infanti".

Michael Infanti  
Resource Conservationist II

cc: Applicant's Engineer  
Planning Board