



FREEHOLD SOIL CONSERVATION DISTRICT

(Serving Middlesex and Monmouth Counties)

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DIOCESE OF TRENTON c/o SCOT PIROZZI
701 LAWRENCEVILLE ROAD
LAWRENCEVILLE NJ 08648

5/16/23

Ref.#: 2023-0069
Proj.: COUNTRY WOODS AT NEPTUNE
Twp.: NEPTUNE TOWNSHIP
Block: 3101
Lots : 1


REVIEW REVISIONS

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

1. Incorporate three sealed copies of the 'Grading and Drainage Plans' (Sheets 6 thru 9) with the erosion control set of plans.
2. Address the need for transition areas (i.e. rip rap stone and/or vegetation) in the vicinity of the outlet structures as indicated in Note #3 of Technical Bulletin 2006-1.0. Make all necessary modifications on the erosion control plans and provide details as necessary.
3. The slopes provided on the modified profiles below Flared End Section A and Flared End Section B (Sheet 16) indicate slopes that exceed the allowable slope for point discharges based on the soil type. Be advised, the original stormwater management report indicated slopes less than the allowable. Clarify the discrepancy and modify the stormwater report and profiles as necessary. Include three sealed copies of the Storm Sewer Profiles (Sheet 16) with the erosion control set of plans.
4. Offsite Stability below Basin #9 has not been fully demonstrated. Submit 2 year, 10 year and 25 year routings discounting infiltration with no dead storage volume available below the first stage discharge. Identify to what stable receiving area the discharge flows and provide all design support calculations for the spillway area and offsite receiving area in accordance with the criteria of the State Standard for Offsite Stability, Point of Discharge section. Provide cross section and profile details of the spillway area on the erosion control plan and include a site specific profile of the offsite area to the identified stable receiving area.

Please incorporate the above items onto 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 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,


Michael Infanti
Resource Conservationist

cc: Applicant's Engineer
Planning Board