



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

Ref.#: 2023-0089
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. Offsite Stability has not been fully demonstrated at the final outfalls below FBS A and FBS B. The slopes of the identified receiving areas exceed the allowable slope for the soil type. Be advised, there is no 'alternative method' of analyzing slope stability utilizing velocities for the no well-defined waterway receiving area condition. Stability cannot be achieved by the allowable velocity method since there can be no determination where the runoff will concentrate. Make all necessary modifications and submit all design support calculations.
2. Offsite stability has not been fully demonstrated below Basin #9. The slope of the identified receiving area below the spillway exceeds the allowable slope for the soil type. Additionally, the design support calculations for velocity within the spillway and a cross section of the spillway have not been provided. Make all necessary modifications and provide all design support calculations for the applicable storm events based on failure of the infiltration structure.

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