



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
E-mail: info@freeholdscd.org
Website: www.freeholdsoil.org

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

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. Identify and label each basin on the erosion control plan view. Include labels identifying the proposed scour holes and outlet structures.
2. Clarify if the basins are to have sand bottoms and provide notes indicating all proposed basin bottom conditions on the erosion control plan.
3. Upon completion of aforementioned Item #2, address stability of any proposed sand bottom basins in accordance with Technical Bulletin 2006-1.0 (enclosed). Specifically, if sand bottom basins are proposed, address the need for transition areas (i.e. rip rap stone and/or vegetation) in the vicinity of the outlet structure as indicated in Note #3 of the bulletin. Make all necessary modifications.
4. Provide a silt fence detail in accordance with the current state erosion control standard.
5. Provide a dewatering detail in accordance with the current state erosion control standard.
6. Outlet structure features for OS-A and OS-8 are not reflected in the 'Outlet Structure Detail Table' on Sheet 26 of 26. Make all necessary modifications.
7. The elevations for the 2.0' weir and 4.5' weir of Outlet Structure B within the 'Outlet Structure Detail Table' are not consistent with the plan view details (Grading and Drainage Plans) and Hydrologic Modeling Database - Data Entry Forms. Make all necessary modifications to provide consistency.



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8. Include the site specific slopes to the stable receiving within the profiles of FES A and FES B. The profiles are located on Sheet 16 of 26.
9. 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 in the 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,


Michael Infanti
Resource Conservationist

cc: Applicant's Engineer
Planning Board