



NOTE:

IF BIOFILTRATION SWALE IS INSTALLED DURING A PERIOD OF WET WEATHER, IT CAN BE ESTABLISHED BY SODDING. SINCE SOD IS NOT AVAILABLE IN RECOMMENDED GRASSES, IT SHOULD BE OVER SOWN WITH A RECOMMENDED MIX AT THE BEGINNING OF THE GROWING SEASON. IT IS RECOMMENDED TO INSTALL A SOD THAT IS A MIX OF CREEPING FESCUE AND HARD & SHEEP FESCUES.

NOTES:

1. THE DESIGN OF WATER QUALITY FACILITIES SHALL MEET THE STANDARD AS SET FORTH IN CCC 40.386 AND CCSWM.
2. SOD SHALL BE LAID PERPENDICULAR TO SLOPE FROM BOTTOM TO TOP, WITH JOINTS STAGGERED.
3. FOR NATIVE SOILS WITH CLASSIFICATIONS A-1-a, A-1-b, A-3, A-2-4, AND A-2-5 AS DEFINED IN AASHTO SPEC. M145, INSTALL A 30 MIL GOETEXTILE LINER OR EQUIVALENT WITH PERMEABILITY RATE OF (LESS THAN) 2.4 INCHES/HOUR.
4. SWALE LONGITUDINAL SLOPE: 1%-2.5% MAX. UNDERDRAINS REQUIRED FOR SLOPES LESS THAN 1.5%, SEE STD. DETAIL D11.3.
5. SWALE SHALL HAVE A VIABLE STAND OF VEGETATION APPROVED BY THE COUNTY INSPECTOR PRIOR TO PAVING.
6. FOR LOW-GROWING TURF SEED MIX, SEE TABLE 8.2 IN CCSWM, BOOK 2 - BMP DESIGN.
7. FOR WET AREA SEED MIX, SEE TABLE 8.4 IN CCSWM, BOOK 2 - BMP DESIGN.

DWG: D11.2.DWG

| NO. | REVISIONS | DATE | BY |
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Department of
Public Works
CLARK COUNTY
WASHINGTON
proud past, promising future

TYPICAL BIOFILTRATION SWALE SECTION

[Signature]
APPROVED
COUNTY ENGINEER

01/07/16
DATE

STANDARD
D11.2
DETAIL
DESIGNED
DRAWN
DATE 01/30/15