



**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. INSTALL MIRAFI 140N FILTER FABRIC OR EQUIVALENT ABOVE DRAIN ROCK.
4. UNDERDRAIN MUST INFILTRATE OR DRAIN FREELY TO AN ACCEPTABLE DISCHARGE POINT.
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: D11.3.DWG

NO.	REVISIONS	DATE	BY



Department of  
Public Works  
**CLARK COUNTY**  
WASHINGTON  
proud past, promising future

TYPICAL BIOFILTRATION SWALE SECTION  
WITH UNDERDRAIN

APPROVED  
*[Signature]*  
COUNTY ENGINEER

01/07/16  
DATE

STANDARD  
**D11.3**  
DETAIL  
DESIGNED  
DRAWN  
DATE 01/30/15