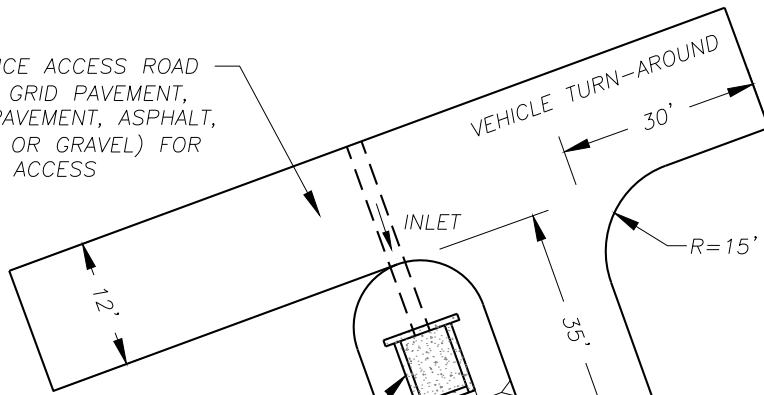


MAINTENANCE ACCESS ROAD
(MODULAR GRID PAVEMENT,
POROUS PAVEMENT, ASPHALT,
CONCRETE OR GRAVEL) FOR
VEHICULAR ACCESS



CONCRETE BIOSWALE
SEDIMENTATION TRAP
PER STD. DETAIL D11.5

5' WIDE MAINTENANCE ACCESS
RAMP 5:1 MAX. SLOPE

FLOW SPREADER AT
MINIMUM 50' INTERVAL

*SWALE BOTTOM-LONGITUDINAL SLOPE 1-2.5%
PROVIDE UNDERDRAINS FOR
SLOPES < 1.5%

*NOTE:
SWALE DESIGN REQUIRES A MINIMUM OF
9 MINUTES OF RESIDENCE TIME.
MINIMUM LENGTH = 100'

DITCH INLET PER
STD. DETAIL D6

OUTLET

NOTES:

1. THE DESIGN OF WATER QUALITY FACILITIES SHALL MEET THE DESIGN STANDARD AS SET FORTH IN CCC 40.386.
2. THIS DETAIL IS AN EXAMPLE BIOFILTRATION SWALE FOR STORMWATER TREATMENT.
3. SEE STANDARD SWALE SECTIONS, AND FLOW SPREADER DETAILS.

NO.	REVISIONS	DATE	BY

DWG: D11.1.DWG



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

EXAMPLE BIOFILTRATION SWALE SCHEMATIC

[Signature]
APPROVED
COUNTY ENGINEER

01/07/16
DATE

STANDARD
D11.1
DETAIL
DESIGNED
DRAWN
DATE 01/30/15