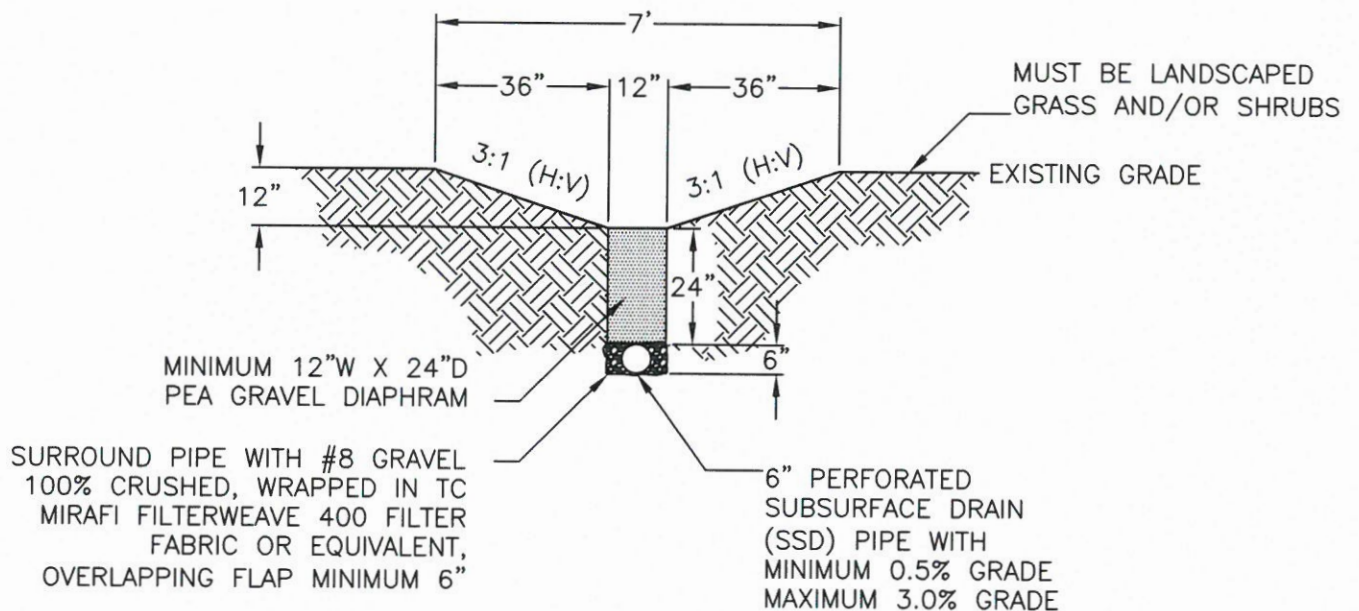


U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRED  
STORM WATER POLLUTION PREVENTION PLAN = SWPPP  
TYPICAL RESIDENTIAL DRAINAGE SWALE



1. DRAINAGE SWALE DESIGN AND PLACEMENT MAY NEED CERTIFICATION OF A LICENSED PROFESSIONAL ENGINEER, DEPENDING ON SLOPE/GRADE OF SITE.
2. SWALE WALLS SHALL BE 3:1 (2:1 MAY BE ALLOWED, DEPENDING ON SITE TOPOGRAPHY).
3. MAXIMUM SLOPE OF THE SWALE MAY NOT EXCEED 3%.
4. DIMENSIONS SHOWN ARE MINIMUM - A WIDER AND/OR DEEPER SWALE MAY BE REQUIRED.
5. SWALE LOCATION AND DESIGN MUST BE APPROVED BY THE CITY ENGINEER.
6. SWALE MAY NOT DISCHARGE OFF OF PROPERTY, UNLESS A RUNOFF COLLECTOR HAS BEEN DESIGNED FOR THE SUBDIVISION - THIS REQUIRES A DRAINAGE EASMENT.



Engineering Division

Typical Residential Drainage Swale  
(EPA SWPPP Compliance)

*Kevin J. Slovarp*

Approved By  
City Engineer  
Kevin J. Slovarp

Adopted: 01/08/2007  
Revised: 06/22/2017

STD - 615