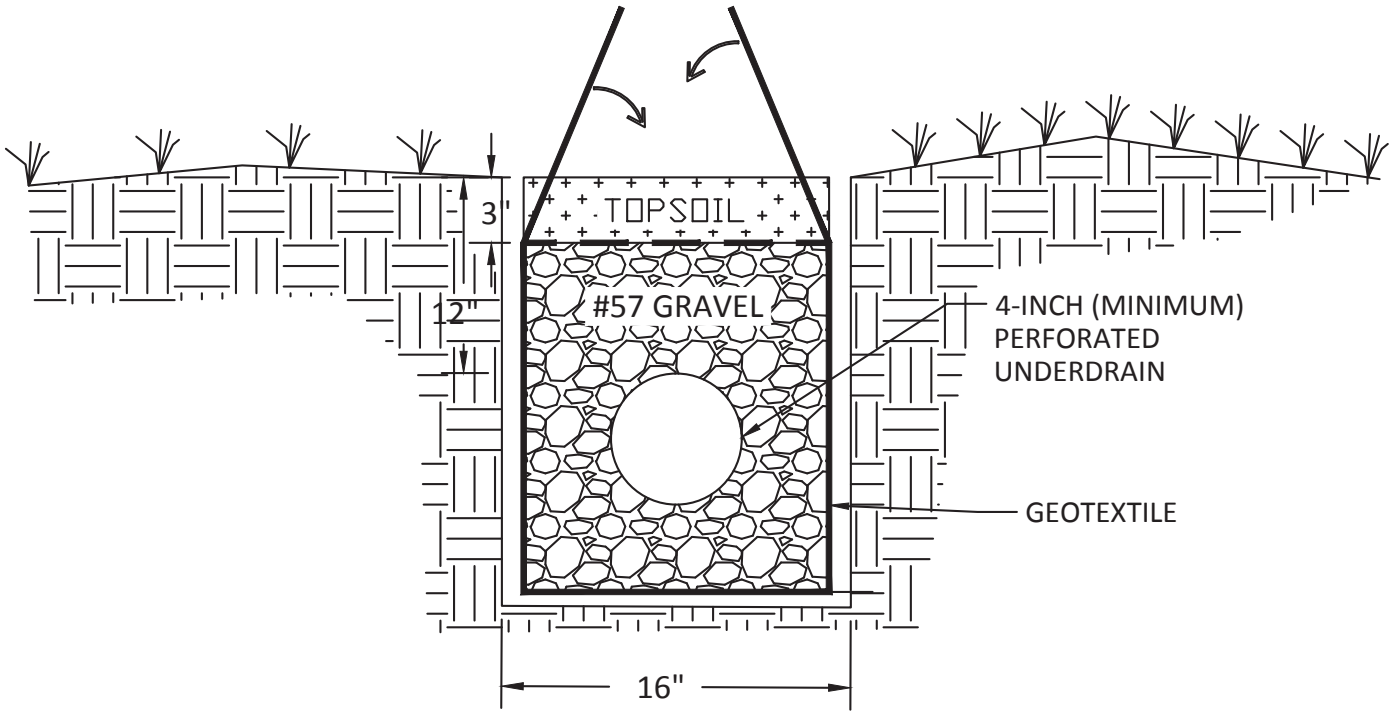


NOTES:

1. ALL SWALES WITH LESS THAN 2% RUNNING SLOPE SHALL HAVE AN UNDERDRAIN THE ENTIRE LENGTH OF THE SWALE. THE UNDERDRAIN SHALL TERMINATE IN A STORM STRUCTURE.

2. ALL DRY DETENTION BASINS WITH A BOTTOM SLOPE OF LESS THAN 5% SHALL HAVE A SERIES OF UNDERDRAINS INSTALLED THAT OUTLET TO THE BASIN OUTLET STRUCTURE.

3. THE UNDERDRAIN TRENCH IS TO BE BACKFILLED WITH # 57 STONE

4. TRENCH TO BE CAPPED WITH 3-INCHES OF TOPSOIL.

5. TRENCH TO BE LINED WITH GEOTEXTILE PER THIS DETAIL

6. GEOTEXTILE FABRIC TO BE TYPE A AND MEET THE FOLLOWING SPECIFICATIONS:

MINIMUM TENSILE STRENGTH	85 lbs
MINIMUM PUNCTURE STRENGTH	25 lbs
MINIMUM TEAR STRENGTH	25 lbs
APPARENT OPENING SIZE:	≤0.3 mm

EST 1808
CITY OF
DELAWARE
OHIO
Public Works Department

STANDARD DETAIL

UNDERDRAIN DETAIL

(FOR USE UNDER SWALES AND DRAINAGE BASINS)

UTILITIES

SEWD-16.2

Rev. 12/31/2018