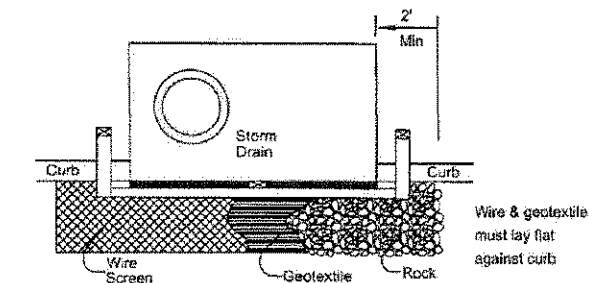


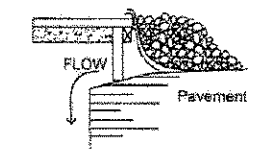
Specifications  
for  
**Geotextile - Stone Inlet Protection**



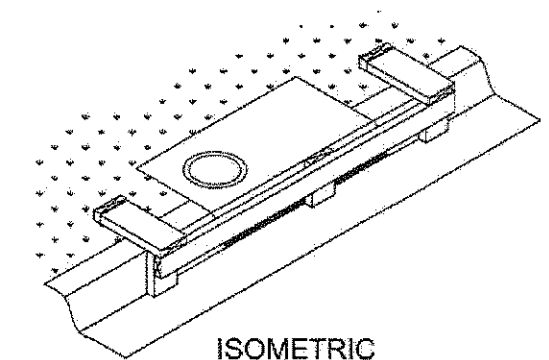
PLAN VIEW



ELEVATION



CROSS SECTION



ISOMETRIC

INFORMATION OBTAINED FROM THE 2006  
EDITION OF THE STATE OF OHIO'S "RAINWATER  
AND LAND DEVELOPMENT MANUAL".

*Larry Lippitt*  
CITY OF NORTH RIDGEVILLE, ENGINEER

REV No.	DATE	BY	DESCRIPTION
CITY OF NORTH RIDGEVILLE, OHIO DEPARTMENT OF ENGINEERING			
GEOTEXTILE-STONE INLET PROTECTION			
SCALE: NOT TO SCALE			SWP-21
DATE: 10/01/08	DRWN BY: JAB/TEB		

Specifications  
for  
**Geotextile-Stone Inlet Protection for Curb Inlets**

1. Inlet protection shall be constructed either before upslope land disturbance begins or before the inlet becomes functional.
2. Construct a wooden frame of 2-by-4-in. construction-grade lumber. The end spacers shall be a minimum of 1 ft. beyond both ends of the throat opening. The anchors shall be nailed to 2-by-4-in. stakes driven on the opposite side of the curb.
3. The wire mesh shall be of sufficient strength to support fabric and stone. It shall be a continuous piece with a minimum width of 30 in. and 4 ft. longer than the throat length of the inlet, 2 ft. on each side.
4. Geotextile cloth shall have an equivalent opening size (E.O.S) of 20-40 sieve and be resistant to sunlight. It shall be at least the same size as the wire mesh.
5. The wire mesh and geotextile cloth shall be formed to the concrete gutter and against the face of the curb on both sides of the inlet and securely fastened to the 2-by-4-in. frame.
6. Two-inch stone shall be placed over the wire mesh and geotextile in such a manner as to prevent water from entering the inlet under or around the geotextile cloth.
7. This type of protection must be inspected frequently and the stone and/or geotextile replaced when clogged with sediment.

NOTE:  
NOT TO BE USED DURING SNOW PLOWING  
SEASON.

INFORMATION OBTAINED FROM THE 2006  
EDITION OF THE STATE OF OHIO'S "RAINWATER  
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*Larry Lippitt*  
CITY OF NORTH RIDGEVILLE, ENGINEER

REV No.	DATE	BY	DESCRIPTION
CITY OF NORTH RIDGEVILLE, OHIO DEPARTMENT OF ENGINEERING			
GEOTEXTILE-STONE INLET PROTECTION FOR CURB INLETS			
SCALE: NOT TO SCALE			SWP-22
DATE: 10/01/08 DRWN BY: JAB/TEB			