

TS TEMPORARY SEEDING SPECIFICATIONS

PS PERMANENT SEEDING SPECIFICATIONS

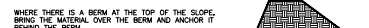
Erosion & Sediment Control Technical Bulletin No. 4
Nutrient Management for Development Sites

MU MULCHING SPECIFICATIONS



SHALLOW SLOPE

ON SHALLOW SLOPES, STRIPS OF NETTING PROTECTIVE COVERINGS MAY BE APPLIED ACROSS THE SLOPE.



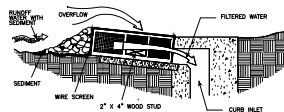
BRING MATERIAL DOWN TO A LEVEL AREA BEFORE
TERMINATING THE INSTALLATION. TURN THE END



SOURCE: ADAPTED FROM LUDLOW PRODUCTS BROCHURE

PLATE: 3-36-1

A cross-sectional diagram of a curb inlet. At the top, a rectangular curb is labeled 'CURB INLET'. Below the curb is a rectangular grate. Underneath the grate is a layer of gravel, labeled 'GRAVEL FILTER'. Below the gravel is a layer of wire mesh, labeled 'WIRE SCREEN'. The entire assembly is supported by a base of concrete blocks, labeled 'CONCRETE BLOCK'. Arrows point from the labels to their respective components.



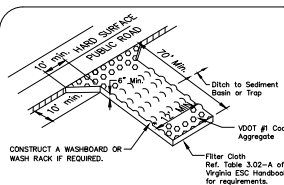
APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE

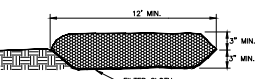
* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE

SOURCE: VA, DSWC

PLATE 3.07-8



* MUST EXTEND FULL WIDTH OF INGRESS
& EGRESS OPERATION.



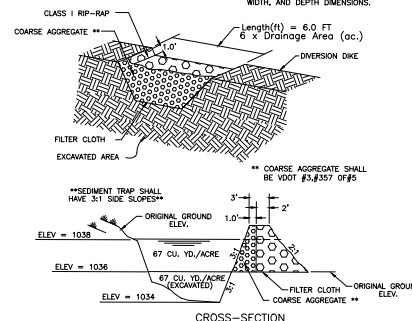
CE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

Diagram illustrating a temporary seeding method for erosion control. The diagram shows a cross-section of a roadbed with a layer of compacted soil. A temporary seed bed is formed on top of the compacted soil, with a height of 18 inches minimum. The seed bed is 4.5 feet minimum wide. An arrow indicates the direction of flow. A circular logo with 'DD' is in the top left corner.

DRAINAGE AREA ID	ST-1
TOTAL DRAINAGE AREA SIZE	0.78 AC
LENGTH	20LF
WIDTH	12LF
DEPTH	4'
BERM HEIGHT	2'
WEIR LENGTH	12 LF
WEIR HEIGHT	2'
STORAGE REQUIRED (CY)	53 WET - 53 DRY
STORAGE PROVIDED (CY)	57 WET - 118 DRY

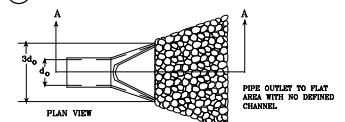
SEDIMENT TRAP #1 DETAIL

* SEE PLAN VIEW FOR LENGTH,
WIDTH, AND DEPTH DIMENSIONS

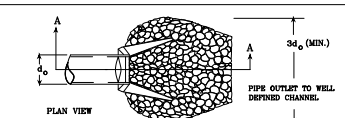


ST TEMPORARY SEDIMENT TRAP SPECIFICATIONS

PIPE OUTLET CONDITIONS



SECTION A-A



1. APRON LINING MAY BE HIPRAP, GROUTED HIPRAP, GABION

NOTES: 1. APRON LINING MAY BE RIPRAP, GROUTED RIPRAP, GABION BASKET, OR CONCRETE.
2. L_a IS THE LENGTH OF THE RIPRAP APRON AS CALCULATED USING PLATES 3.18-3 AND 3.18-4.
3. $d = 1.5$ TIMES THE MAXIMUM STONE DIAMETER, BUT NOT LESS THAN 6 INCHES.

Source: Va. DSWC.

Plate 3.18-

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STARBUCKS

601 BLUE HILLS VILLAGE DRIVE N
CITY OF ROANOKE, VIRGINIA

ESC DETAILS

DRAWN BY CPB
DESIGNED BY CPB
CHECKED BY BTC
DATE 12/18/18
SCALE 1"=20'
REVISIONS:
2/18/2019

SHEET NO.
C8
JOB NO. 04170055.00