

ALL COSTS GIVEN ARE COMPLETE IN PLACE

(MU) MULCHING

1992	3.3
------	-----

Source: Va. DSWC

III - 353

TABLE 3.31 -B
"QUICK REFERENCE FOR ALL REGIONS"

Source: Va. DSWC



* Gravel shall be VDOT #3, #357 or #5 coarse aggregate.

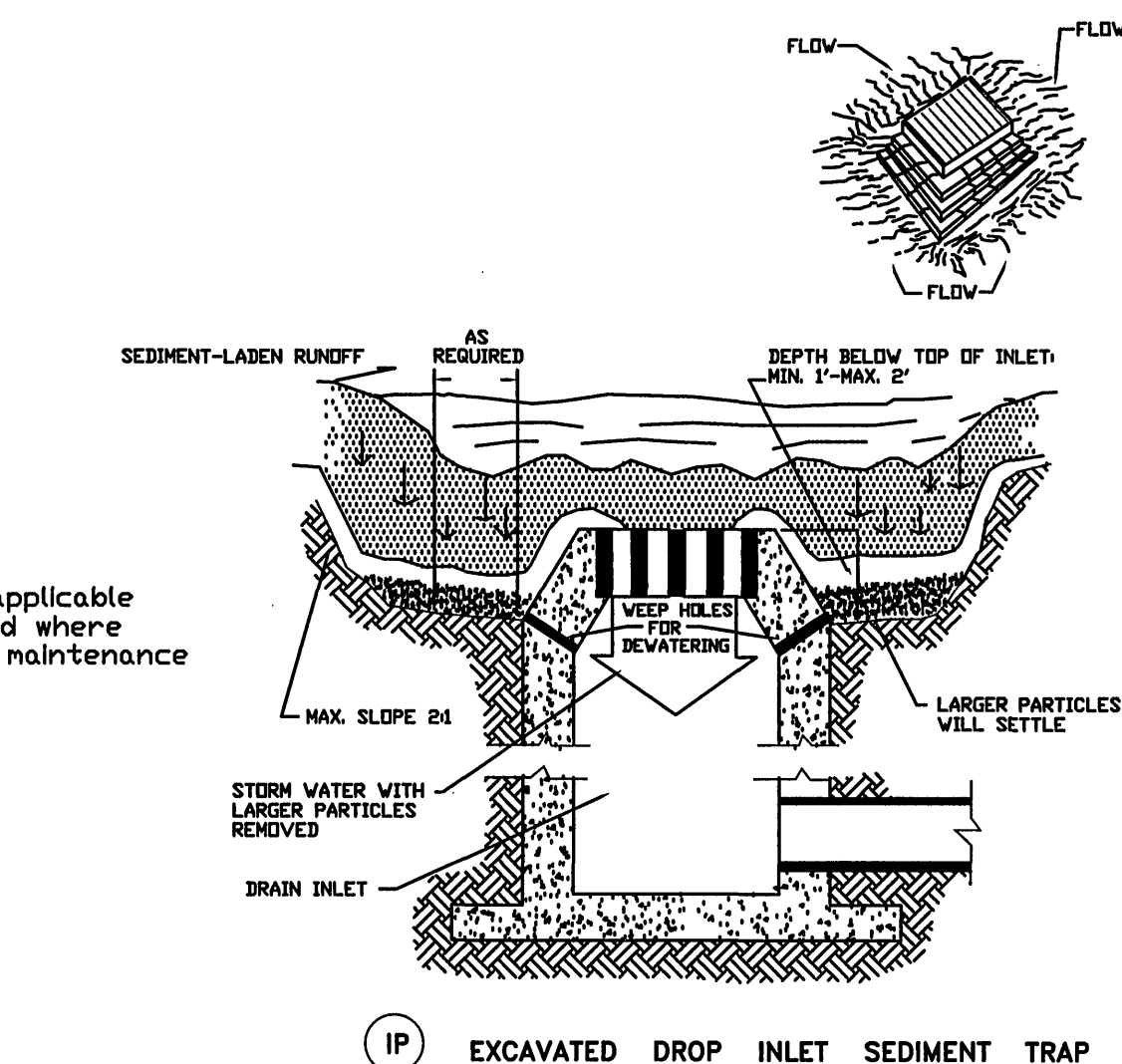
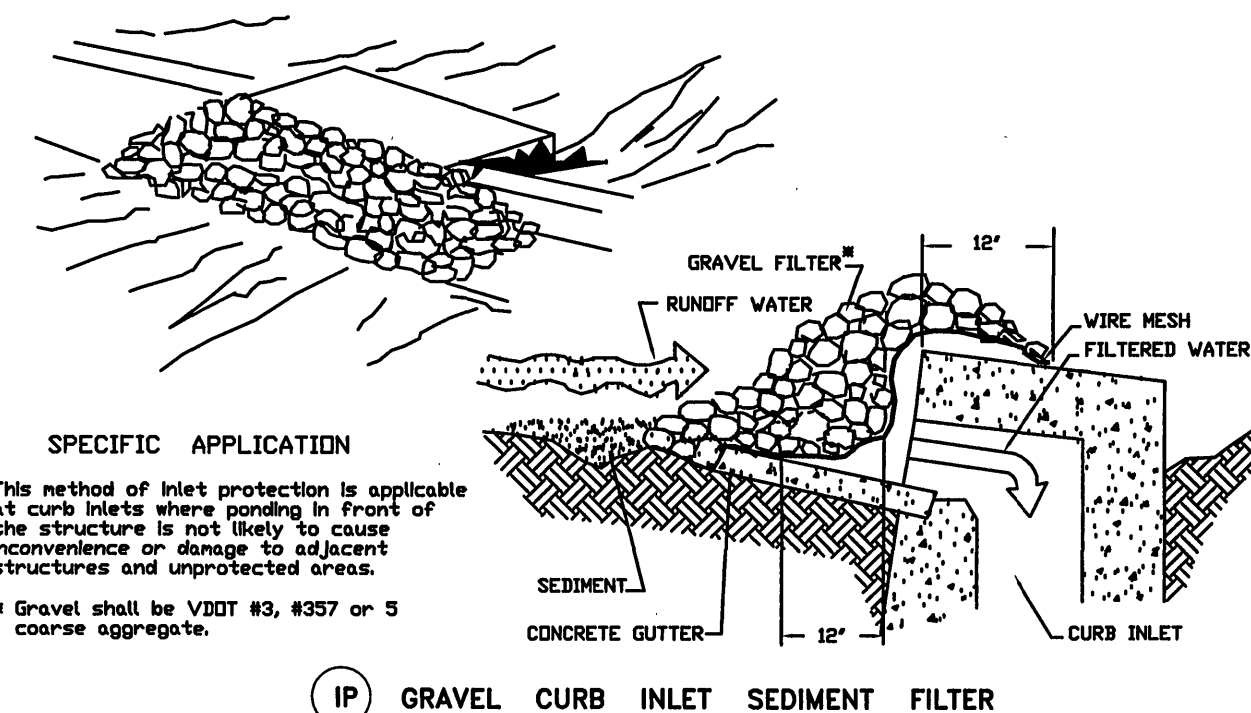
GENERAL NOTES

- ## CONSTRUCTION NOTES

- ### SPECIFIC APPLICATION

The diagrams illustrate the cross-sections of rock check dams for two different drainage areas:

- Left Diagram (2 ACRES OR LESS OF DRAINAGE AREA):** Shows a cross-section of a rock check dam. The upstream side (left) is labeled "FILTER CLOTH (OPTIONAL)". The downstream side (right) is labeled "DOWNSTREAM VIEW". The dam structure consists of a "VIBOT #1 COARSE AGGREGATE" layer, a "FLUID" layer, and a "CLASS 1 RIP" layer. The dam height is indicated as 3'.
- Right Diagram (2-10 ACRES OF DRAINAGE AREA):** Shows a cross-section of a rock check dam. The upstream side (left) is labeled "FILTER CLOTH (OPTIONAL)". The downstream side (right) is labeled "DOWNSTREAM VIEW". The dam structure consists of a "VIBOT #1 COARSE AGGREGATE" layer, a "FLUID" layer, and a "CLASS 1 RIP" layer. The dam height is indicated as 3'.



- NOTES
1. Apron lining may be rip-rap, grouted rip-rap, or concrete.
 2. L_a is the length of the rip-rap apron as calculated using plates 136d and 136e.
 3. $d = 1\frac{1}{2}$ times the maximum stone diameter, but not less than 6'.

- NOTES
1. Apron lining may be rip-rap, grouted rip-rap, or concrete.
 2. L_a is the length of the rip-rap apron as calculated using plates 136d and 136e.
 3. $d = 1\frac{1}{2}$ times the maximum stone diameter, but not less than 6'.

ALL COSTS GIVEN ARE COMPLETE IN PLACE

GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
2. THE APPROVING AUTHORITY MAY ADD TO, DELETE, RELOCATE, CHANGE, OR OTHERWISE MODIFY CERTAIN EROSION AND SEDIMENT CONTROL MEASURES WHERE FIELD CONDITIONS ARE ENCOUNTERED THAT WARRANT SUCH MODIFICATIONS.
3. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLAN SHALL BE PLACED IN ADVANCE OF THE WORK BEING PERFORMED, AS FAR AS PRACTICAL.
4. IN NO CASE DURING CONSTRUCTION SHALL WATER RUNOFF BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN PROVIDED.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAY'S WORK.
6. FOR THE EROSION CONTROL KEY SYMBOLS SHOWN ON THE PLANS, REFER TO THE VIRGINIA UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. THESE SYMBOLS SHALL BE UTILIZED ON ALL EROSION CONTROL PLANS SUBMITTED TO ROADNOC KING COUNTY.

TYPE A TYPE B (SLOPES 3:1 OR STEEPER)

LIME: 140 LB / 1000 SF PULVERIZED AGRICULTURAL LIMESTONE
FERTILIZER: 5-20-10 @ 25 LB / 1000 SF
38-0-0 @ 7 LB / 1000 SF

MULCH: IF REQUIRED, SHALL BE USED OVER ALL SEEDED AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 1.75 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

SOIL CONDITIONING:
INCORPORATION OF LIME AND FERTILIZER, SELECTION OF CERTIFIED SEED, MULCHING, MAINTENANCE OF NEW SEEDLINGS, AND RESEEDING SHALL BE IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN THE VIRGINIA SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. ADDITIONAL SEEDING TO BE PERFORMED AS REQUIRED BY THE INSPECTOR.

SEED APPLICATION: APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER ON A FIRM, FRIABLE, SEEDBED. MAXIMUM SEEDING DEPTH SHALL BE 1/4 INCH.

TOTAL DISTURBED AREA = 2.45 AC. = 106,722 SQ. FT.

1	ENGR. & INSPEC.	04-10-93
2	ENGR. & INSPEC.	08-05-93
3	ENGR. & INSPEC.	10-27-93
4		
5		
6		
NO.	REVISIONS	DATE

DATE:	11/02/93
SCALE:	NO SCALE
DRAWING BY:	CLN,AF (G:\CAD\DETAILS\EROS)
DESIGNED BY:	
APPROVED BY:	GWS,III

SHEET
8 OF 17