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CURB INLET PROTECTION DETAIL STANDARD SYMBOL

STABILIZED CONSTRUCTION ENTRANCE W/ MOUNTABLE BERM

## Curb Inlet Protection.

LEGEND

· · · · LIMIT OF DISTURBANCE

ex. Contours prop. Contours

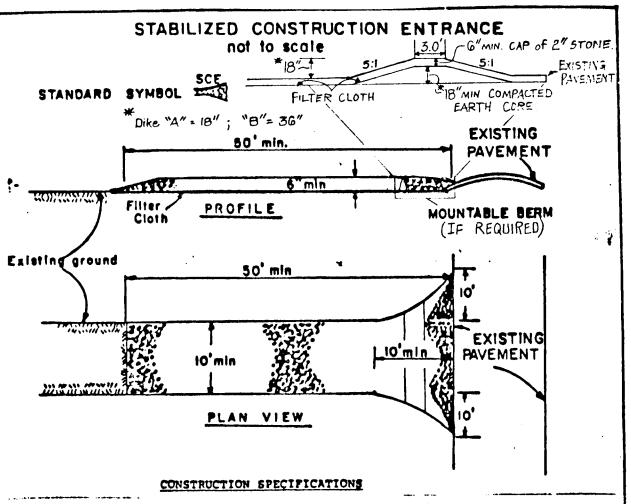
100 YR. FLOOD PLAIN ELEY.

-A-Z \_\_ EARTH DIKE

5-5-3 SILT FENCE

I INLET PROTECTION

- 1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard drawing.
- 2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
- 3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).
- 4. Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight. 5. The assembly shall be placed so that the end spacers are a
- minimum l' beyond both ends of the throat opening.
- 6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
- 7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
- 8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.



. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent. 2. Length - As required, but not less than 50 ft. (except on a single residence lot where a 30 minimum length would apply). 3. Thickness - Not less than six (6) inches.

4. Width - Ten (10) ft. minimum, but not less than the full width at points where ingress or Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will

not be required on a single family residence lot. . Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes

will be permitted. . Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.

. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-ofway. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.

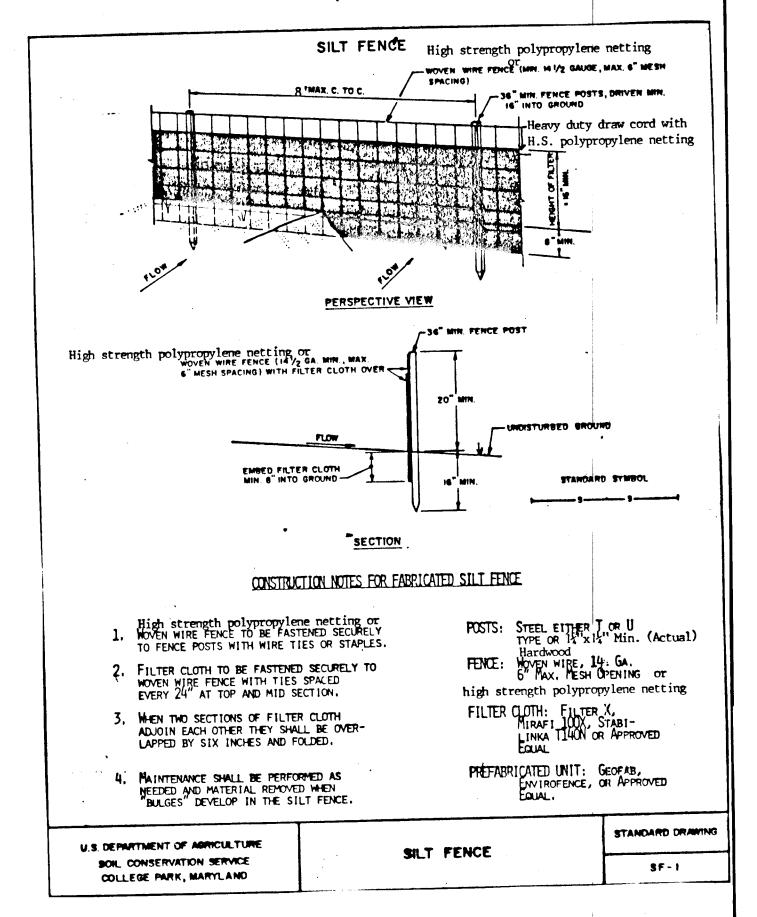
Periodic inspection and needed maintenance shall be provided after each rain.

U. S. DEPARTMENT OF AGRICULTURE | STABILIZED CONSTRUCTION ENTRANCE SOIL CONSERVATION SERVICE College Park, Md.

Standard Drawing SCE-I

SEQUENCE OF CONSTRUCTION

- I. OBTAIN GRADING PERMIT 2. NOTIFY THE HO. CO. OFFICE OF INSPECTION & PERMITS AT LEAST 24 HRS. BEFORE STARTING YORK (992-2437)
- 3. CLEAR & GRUB FOR INSTALLATION OF SEDIMENT CONTROL DEVICES.
- 4. INSTALL SEDIMENT CONTROL DEVICES.
- 5. NOTIFY OFFICE OF INSPECTION AND PERMITS TO OBTAIN APPROVAL OF INSTALLATION.
- 6. ROUGH GRADE SITE 7. INSTALL STORM DRAINS, PROVIDE INLET PROTECTION.
- 8. PLACE SUB-BASE MATERIAL ON ROADS.
- 9. STABILIZE REMAINING AREAS
- 10, PAVE ROAD
- III. REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE THOSE AREAS



PERMAHENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules: 1) Preferred -- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre

30-0-0 ureaform fertilizer (9 lbs/1000 sq ft). 2) Acceptable -- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq.ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with ) lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching -- Apply 1's to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring. Maintenance -- Inspect all seeded areas and make needed repairs, replacements and

## TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other accep-

Soil Amendments: Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru Novermber 15, seed with  $2^{1}_{2}$  bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

for rate and methods not covered.

Mulching: Apply 15 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring. Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL SHEPHERD L. Mc DUFFIE 5TH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SEDIMENT CONTROL PLAN

OWNER AND DEVELOPER SHEPHERD L. MC OUFFIE 8624 SAXON CIRCLE

WHITEMARSH MARYLAND 21162 SCALE: AS SHOWN DATE: SEPT. 12, 1987 DWG. Z OF Z DRN. D.W.B. CHK, R.B.C. DES. D.W.B.

FISHER, COLLINS AND CARTER, INC. CIVIL ENGINEERS AND LAND SURVEYORS 8388 COURT AVE. ELUCOTT CITY, MD. 21043