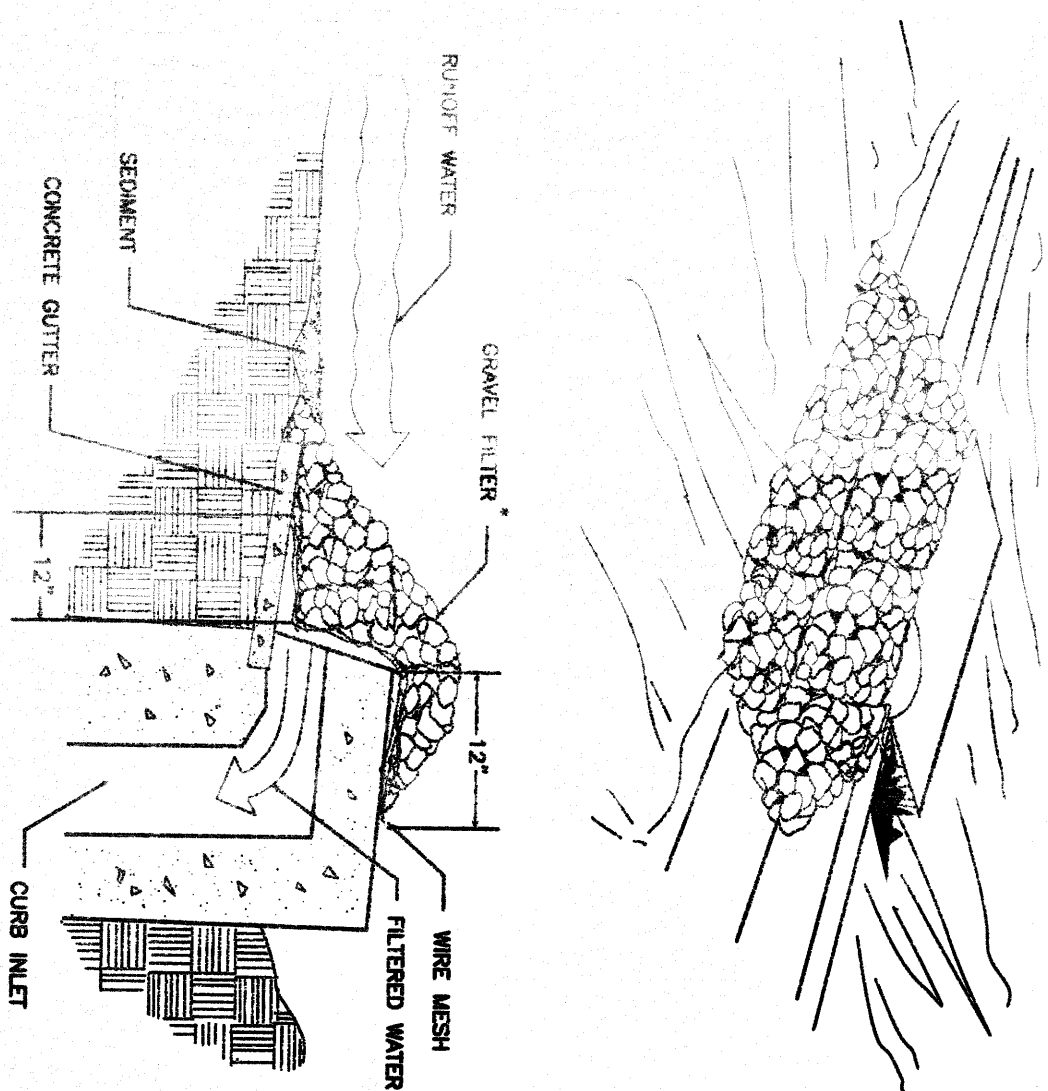


IP GRAVEL CURB INLET SEDIMENT  
FILTER

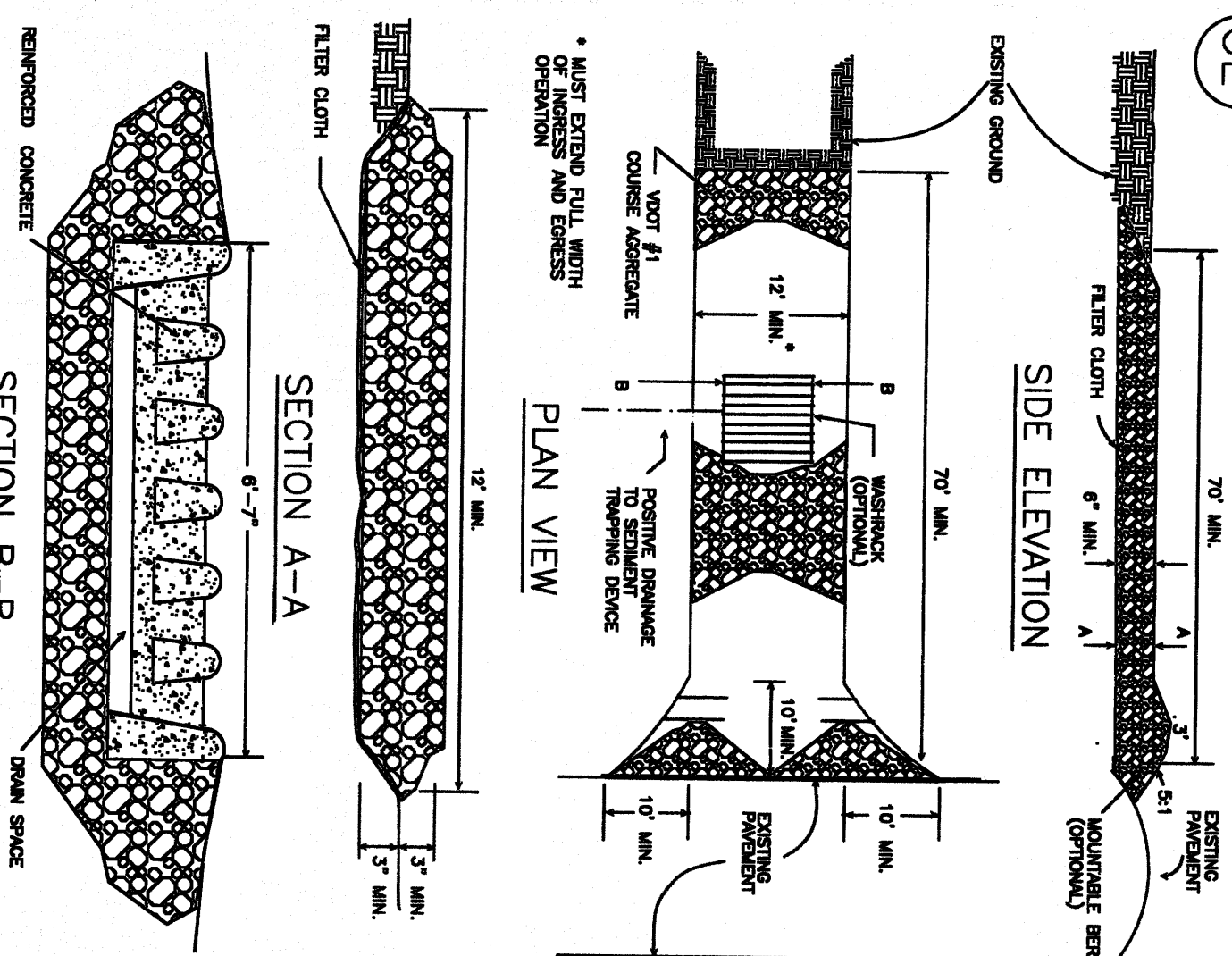


THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE FLOODING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

**SOURCE:** VA. DSWC

**PLATE 3.07-6**

STONE CONSTRUCTION ENTRANCE



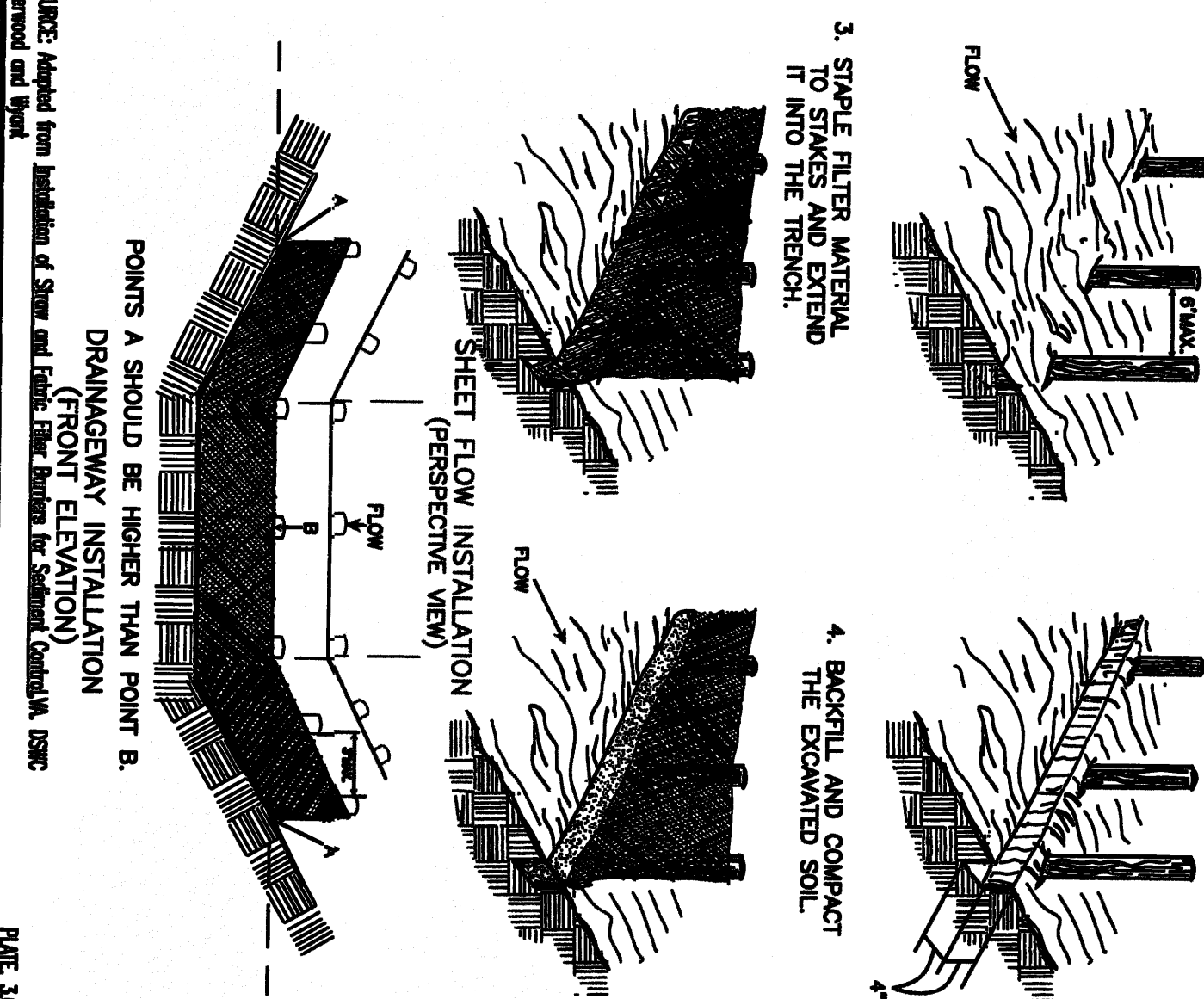
SOURCE: ADAPTED from 1983 Maryland Standards for Soil erosion and Sediment Control, and Vo. DSWC.

**Plate 3.02-**

**CONSTRUCTION OF A SILT FENCE  
(WITHOUT WIRE SUPPORT)**

- ## 1. SET THE STAKES.

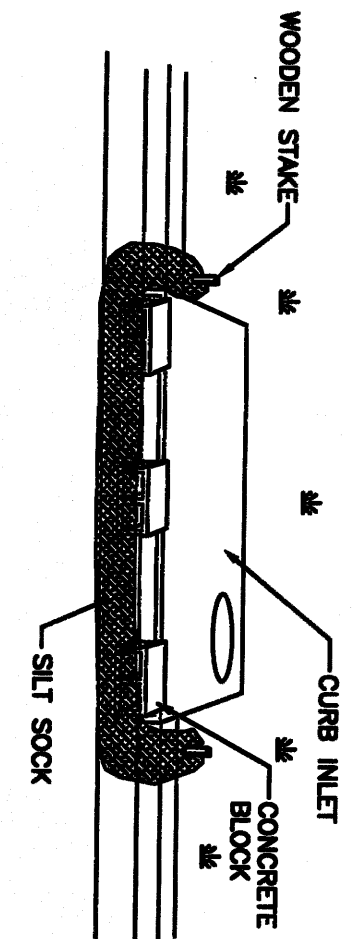
2. EXCAVATE A 4"X 4" TRENCH  
UPSLOPE ALONG THE LINE OF  
STAKES.



(FRONT ELEVATION)

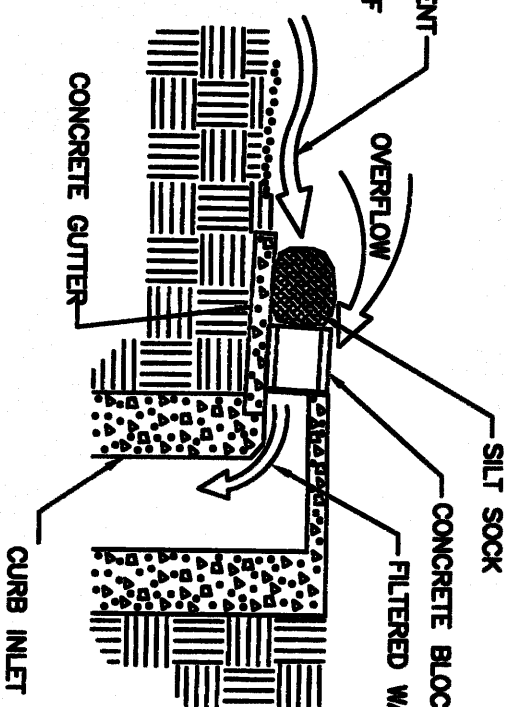
SOURCE: Adapted from *Insulation of Stone and Fabric Filter Barriers for Sediment Control*, W. DSWC Sherwood and Bryant

**PLATE 3.05-7**



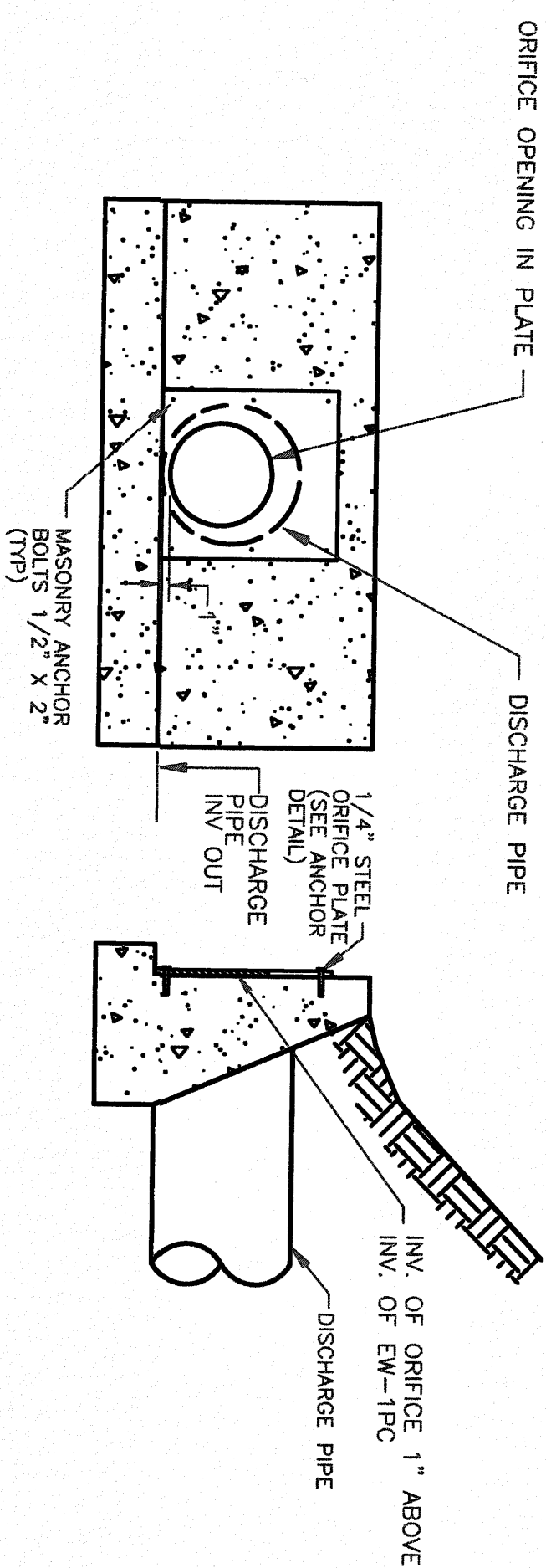
## PERSPECTIVE VIEW

**CROSS SECTION VIEW**



- NOTES:
1. INSTALL SILT SOCK IN FRONT OF CURB OPENING TO A MINIMUM OF 12" BEYOND THE OPENING, EACH SIDE.
2. ANCHOR THE SILT SOCK BEHIND THE CURB WITH A WOODEN STAKE. STAKES SHALL BE ANCHORED A MINIMUM OF 12" INTO SOIL.
3. STANDARD INLET PROTECTION FOR CURB INLET PROTECTION AND CURB SEDIMENT CONTAINMENT WILL USE A IN DIMENSIONED INLET PROTECTION. DURING CURB INSTALLATION, INLET PROTECTION SHALL BE COMPACTED TO BE SLIGHTLY SHORTER THAN CURB HEIGHT.
4. IF INLET PROTECTION BECOMES CLOGGED WITH DEBRIS AND SEDIMENT, THE SEAL SHALL BE MAINTAINED SO AS TO ASSURE PROPER DRAINAGE AND WATER FLOW INTO THE STORM DRAIN. IN THE EVENT OF STORM EVENTS, OVERFLOW OF THE INLET PROTECTION MAY BE ACCEPTABLE TO KEEP THE AREA FROM FLOODING.
5. CURB AND DRAIN INLET PROTECTION SHALL BE COLLECTED ON THE OUTSIDE OF THE INLET PROTECTION.
6. THE DRAIN ISLET, ALLOWING SEDIMENT TO SETTLE ON THE OUTSIDE OF THE INLET PROTECTION.
7. CONCRETE BLOCKS SHALL BE USED AS A SPACER TO KEEP THE SILT SOCK FROM BLOCCING THE CURB OPENING.
8. CONCRETE BLOCKS SHALL BE USED AT BOTH ENDS OF THE OPENING AND EVERY 4'.
9. SILT SOCK SHALL BE FILTBODS OF SOOK OR APPROVED EQUAL.

# SILT SOCK CURB INLET PROTECTION



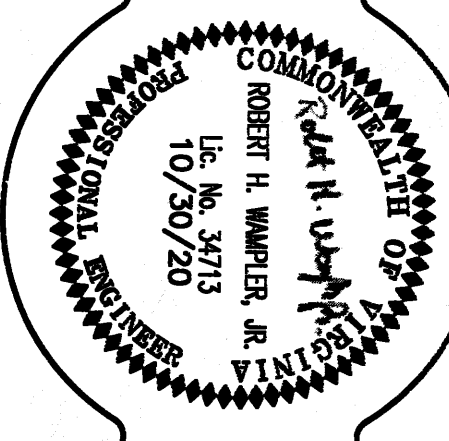
**OUTFALL ORIFICE PLATE**

**NOT TO SCALE**

**NOT TO SCALE**

# EROSION - SILTATION CONTROL COST ESTIMATE

DESCRIPTION	UNIT	QTY.	UNIT COST	TOTAL COST
3.02 - CONSTRUCTION ENTRANCE	EA	1	\$ 1,200.00	\$ 1,200.00
3.05 - SPLIT FENCE	LF	480	\$ 4.00	\$ 1,920.00
3.07 - SD INLET PROTECTION	EA	5	\$ 180.00	\$ 750.00
3.31 - TEMPORARY SEEDING	SF	9,200	\$ 0.04	\$ 368.00
3.32 - PERMANENT SEEDING	SF	9,200	\$ 0.05	\$ 460.00
SUB-TOTAL				\$ 4,558.00
10% CONTINGENCY				\$ 465.80
TOTAL PROJECT COST				\$ 5,080.00
TOTAL DISTURBED AREA		108,029 SF		
AVERAGE EROSION CONTROL PER ACRE:		32.048		2.48 AC



## ROSIE'S GAMING EMPORIUM VINTON EXPANSION

[illegible]

**ENGINEERING  
CONCEPTS, INC.**  
94 GREENFIELD STREET  
DALEVILLE, VIRGINIA 24083  
540.473.1253

