

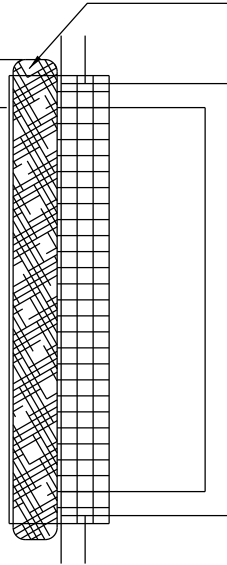
Figure 3.5 Schematics of 2"x4" Weir Curb Inlet Protection
(Source: Modified from Washington Suburban Sanitary Commission Detail SC-16.0)

EXTENDED WRAPPED
FILTER MATERIAL
24" MIN. BEYOND
END OF CURB OPENING
ON BOTH SIDES

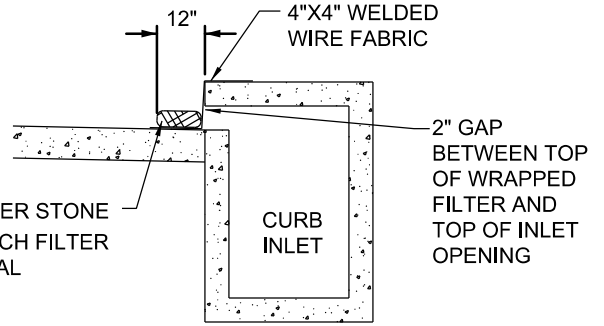
1. DOUBLE WRAP OF FLEXIBLE WIRE MESH WITH MESH OPENING 3/4" MAX., OR
2. PLASTIC NETTING DOUBLE WRAPPED WITH 1/2" MAX. OPENING, OR
3. GEOSYNTHETIC TUBES

NOT ALLOWED ON ACTIVE CITY STREETS UNLESS APPROVED BY CITY

NOTE: PLASTIC OR WIRE TIES AROUND WIRE OR PLASTIC MESH EVERY 12"-18" OR MORE AS NEEDED.



PLAN VIEW

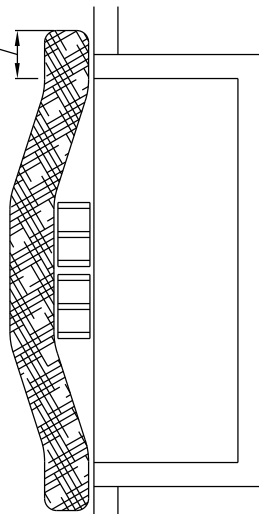


CROSS SECTION

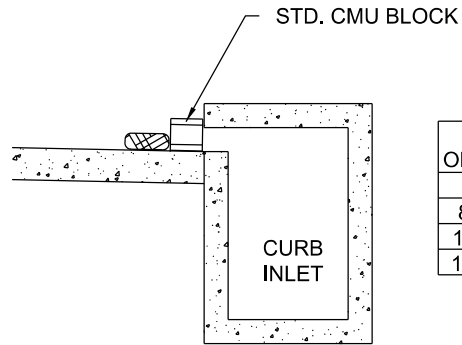
NOTE: VERTICAL PANEL BARRICADES TO BE PLACED WHEN LOCATED ON AN ACTIVE STREET.

TYPE A CURB INLET PROTECTION

EXTENDED WRAPPED
FILTER MATERIAL
24" MIN. BEYOND
END OF CURB OPENING
ON BOTH SIDES



PLAN VIEW



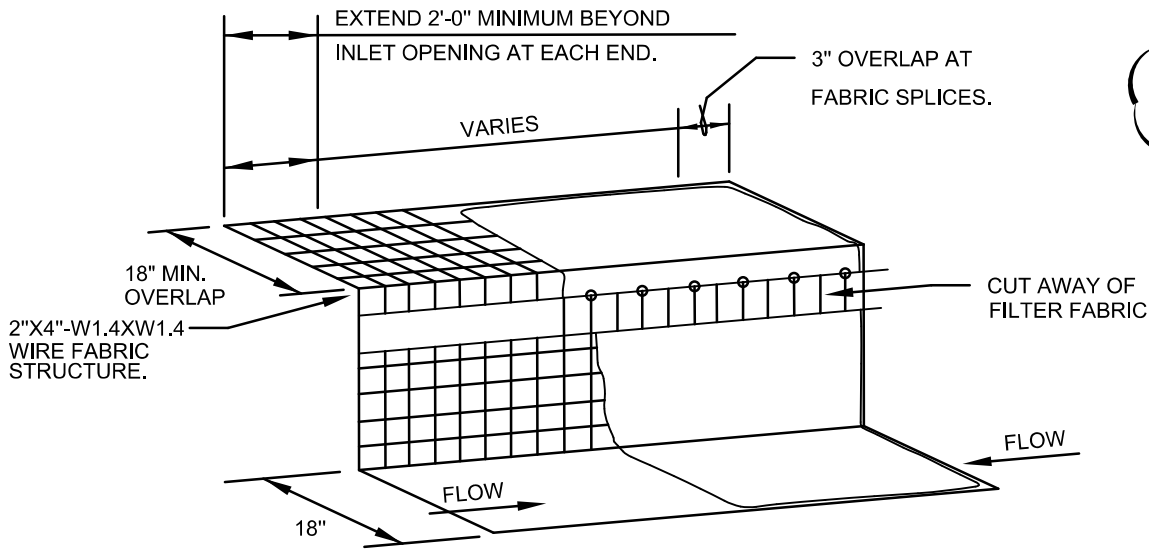
CROSS SECTION

CURB OPENING	MIN. NO. BLOCKS
4'-6'	1
8'-10'	2
12'-14'	3
16'-20'	4

ALTERNATIVE FORM FOR TYPE A CURB INLET PROTECTION

NOTE: SEE NCTCOG STANDARD SPECIFICATIONS (2017), SECTION 202.14 AND 202.18

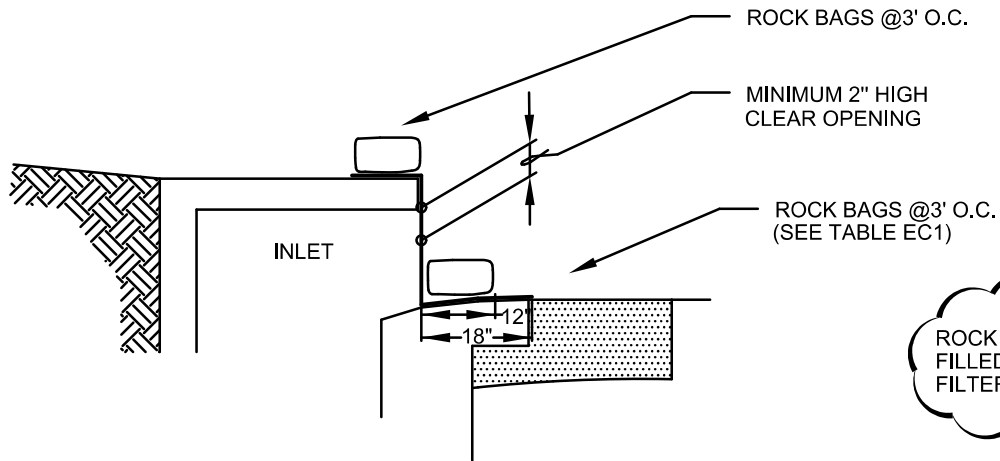
FIGURE 3.6 STANDARD CONSTRUCTION DETAIL - FILTER TUBE CURB INLET PROTECTION



NOT ALLOWED ON ACTIVE CITY STREETS UNLESS APPROVED BY CITY

HOG WIRE WEIR CURB INLET PROTECTION ISOMETRIC VIEW

N.T.S.



ROCK BAGS FILLED WITH 1 1/2" FILTER STONE

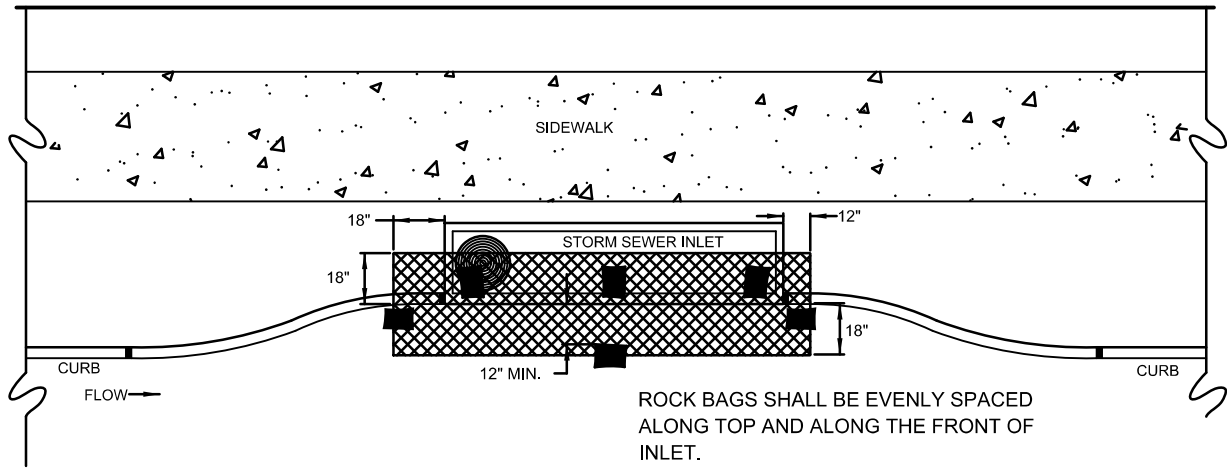
HOG WIRE WEIR CURB INLET PROTECTION CROSS SECTION

N.T.S.

NOTE: THIS CONTROL WILL DECREASE THE CAPACITY OF THE INLET. IT SHALL ONLY BE USED WHEN AN ENGINEER HAS DETERMINED THERE IS ADEQUATE STORAGE OR POSITIVE OVERFLOW.

REFERENCE: NCTCOG STANDARD SPECIFICATIONS (2017), SECTION 202.14

FIGURE 3.7 STANDARD CONSTRUCTION DETAIL - HOG WIRE WEIR CURB INLET PROTECTION (1 OF 2)



HOG WIRE WEIR CURB INLET PROTECTION PLAN VIEW
N.T.S.

TABLE EC1

INLET OPENING	MINIMUM NUMBER OF ROCK BAGS	
	TOP	FRONT
5'	2	3
10'	3	3
15'	3	4
20'	4	4

NOTES:

1. A SECTION OF FILTER FABRIC SHALL BE REMOVED AS SHOWN ON THIS DETAIL TO PROVIDE A 2" MINIMUM CLEAR OPENING. FABRIC MUST BE SECURED TO WIRE BACKING WITH CLIPS OR HOG RINGS AT THIS LOCATION.
2. INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
3. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

**FIGURE 3.7 STANDARD CONSTRUCTION DETAIL -
HOG WIRE WEIR CURB INLET PROTECTION (2 OF 2)**

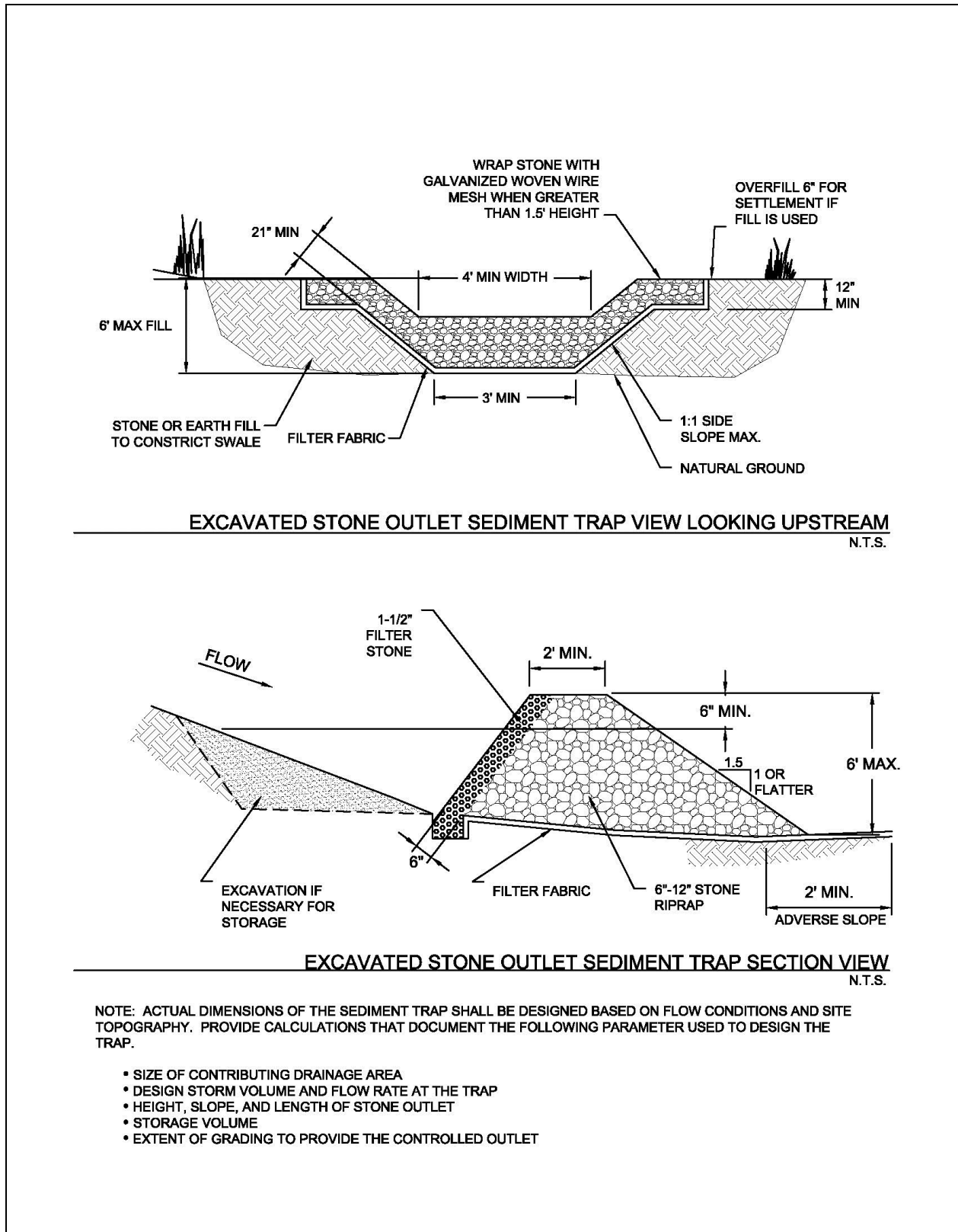


Figure 3.30 Schematics of Excavated Stone Outlet Sediment Trap

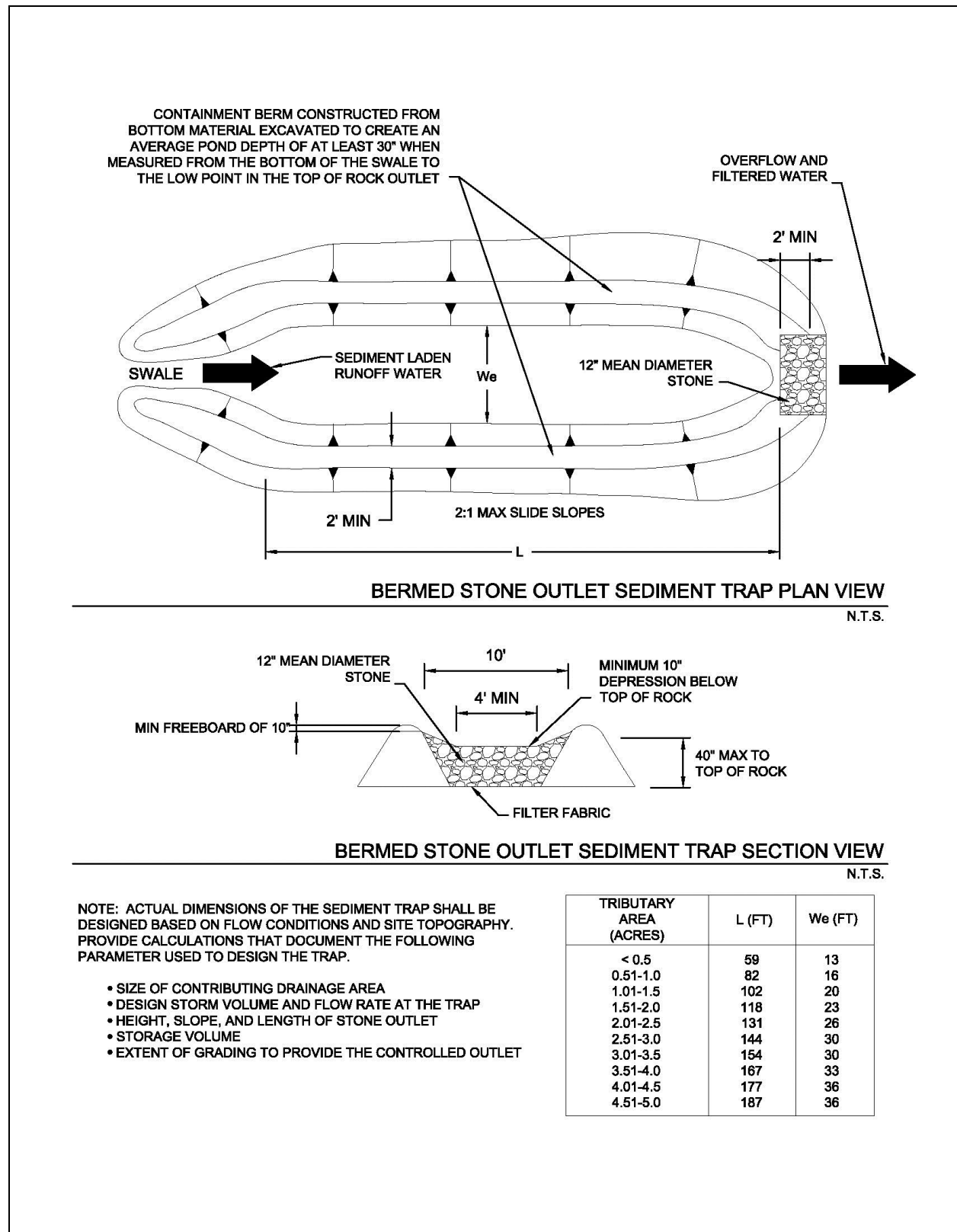


Figure 3.31 Schematics of Bermed Stone Outlet Sediment Trap

(Source: City of Chesterfield Department of Public Works Detail SC 7.2)

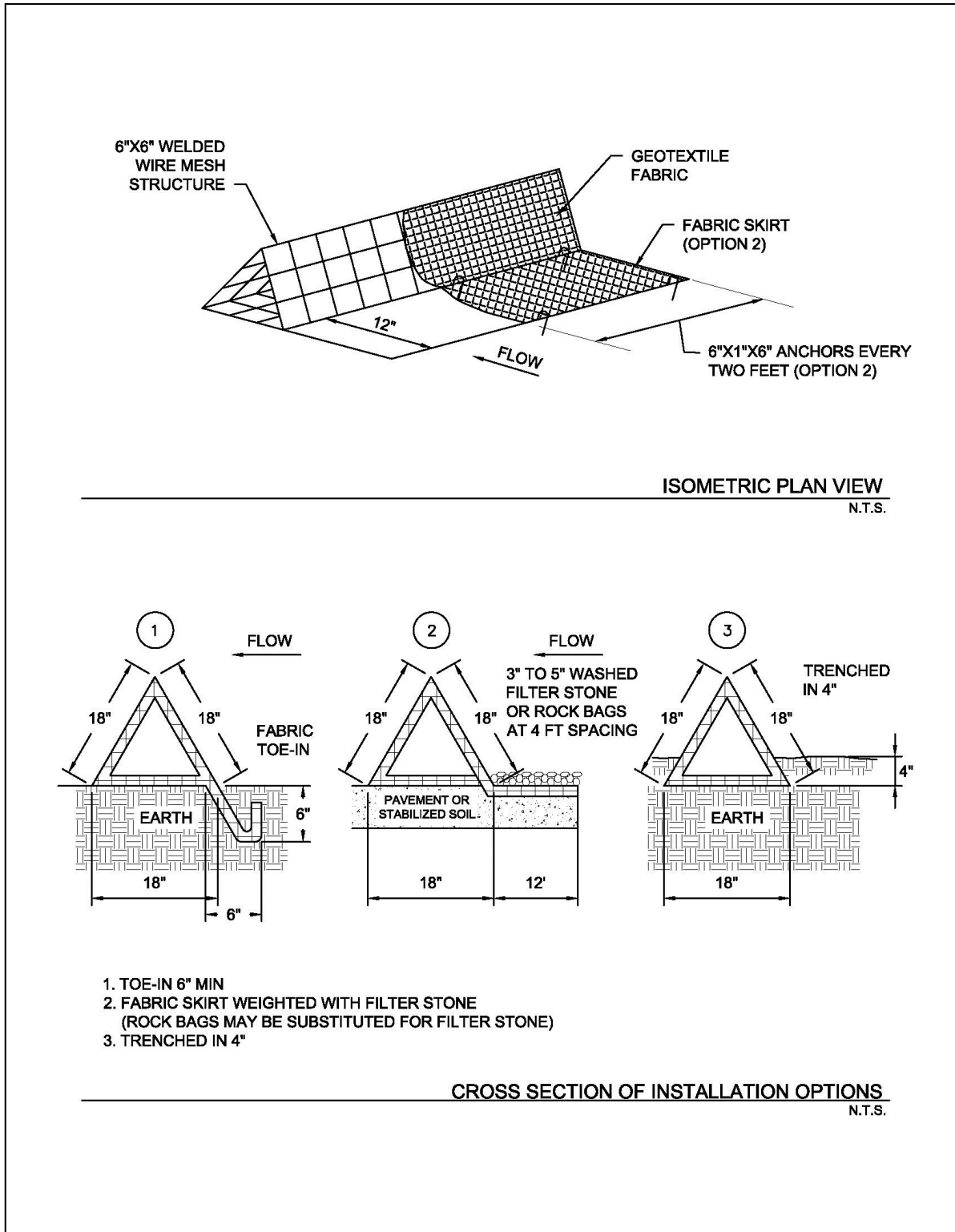


Figure 3.32 Schematics of Triangular Sediment Filter Dike