

SILT FENCE

PERSPECTIVE VIEW

SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

SILT FENCE

DEPARTMENT OF PUBLIC WORKS

HOWARD COUNTY, MARYLAND

-36" MIN, FENCE POST

10' MAX, C. TO C

WOVEN WIRE FENCE (14 1/2 GA. MIN., MAX

6 MESH SPACING) WITH FILTER CLOTH OVER

EMBED FILTER CLOTH

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY

2. FILTER CLOTH TO BE FASTENED SECURELY TO

ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.

NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.

3. WHEN TWO SECTIONS OF FILTER CLOTH

4. MAINTENANCE SHALL BE PERFORMED AS

U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

COLLEGE PARK, MARYLAND

CHIEF-BUREAU OF UTILITIES - DATE

TO FENCE POSTS WITH WIRE TIES OR STAPLES.

WOVEN WIRE FENCE (MIN. H VZ GAUGE, MAX. 6" MESH

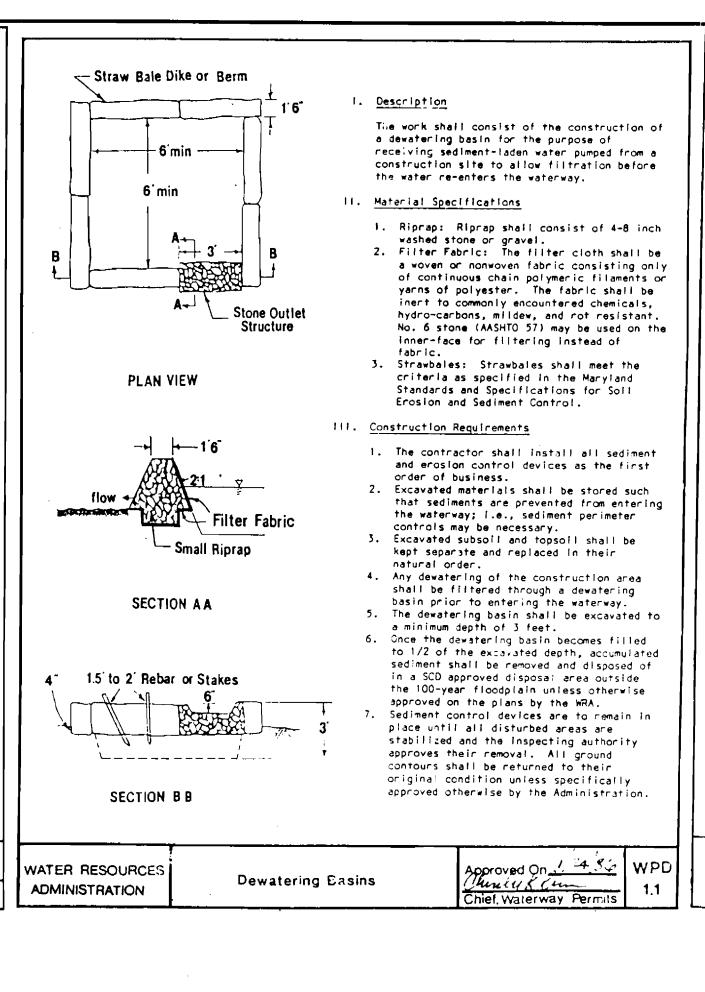
PREFABRICATED UNIT: GEOFAB, ENVIROPENCE, OR APPROVED EQUAL.

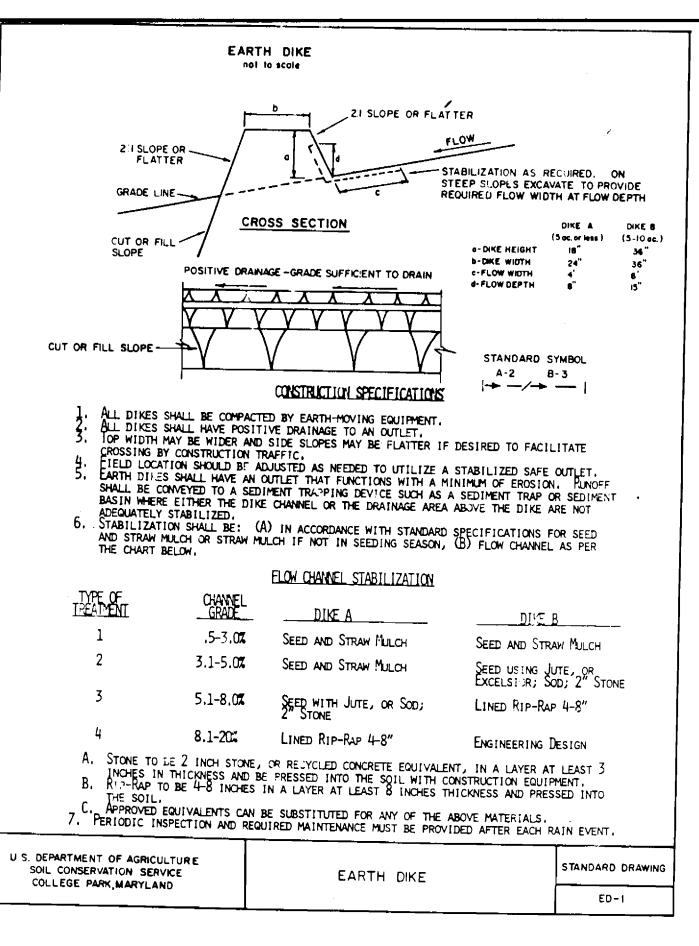
CHIEF-BUREAU OF ENGINEERING - DATE

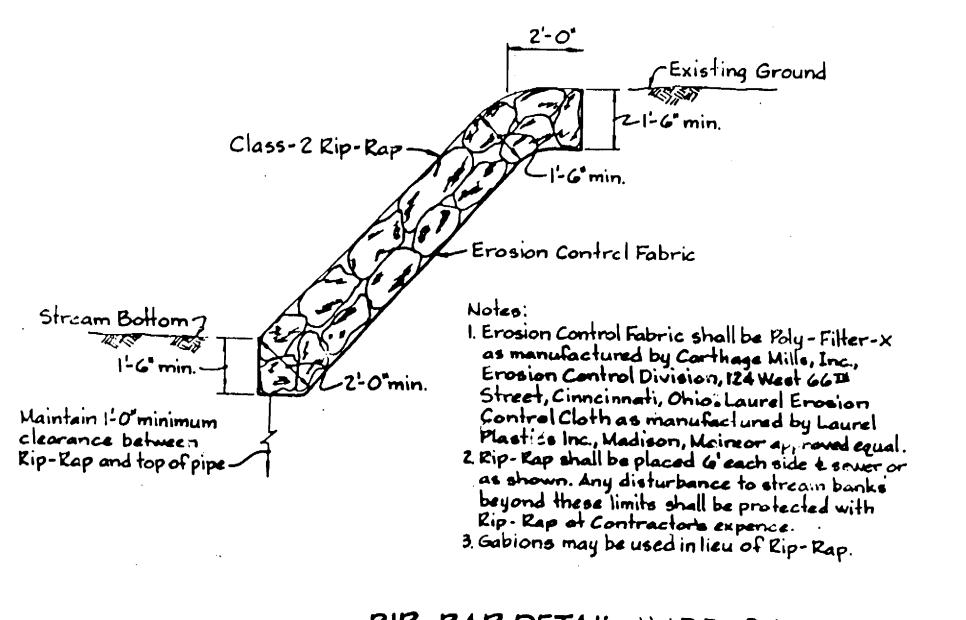
UTILITY DESIGN DIVISION - DATE

7-21-90

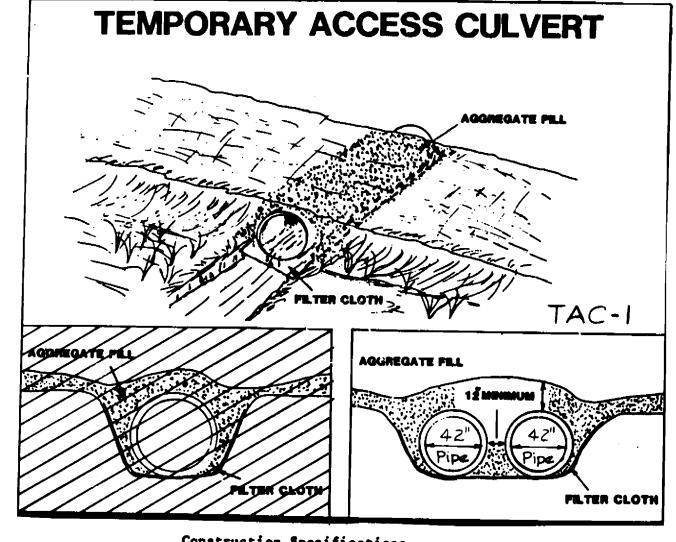
36" MIN. FENCE POSTS, DRIVEN MIN.





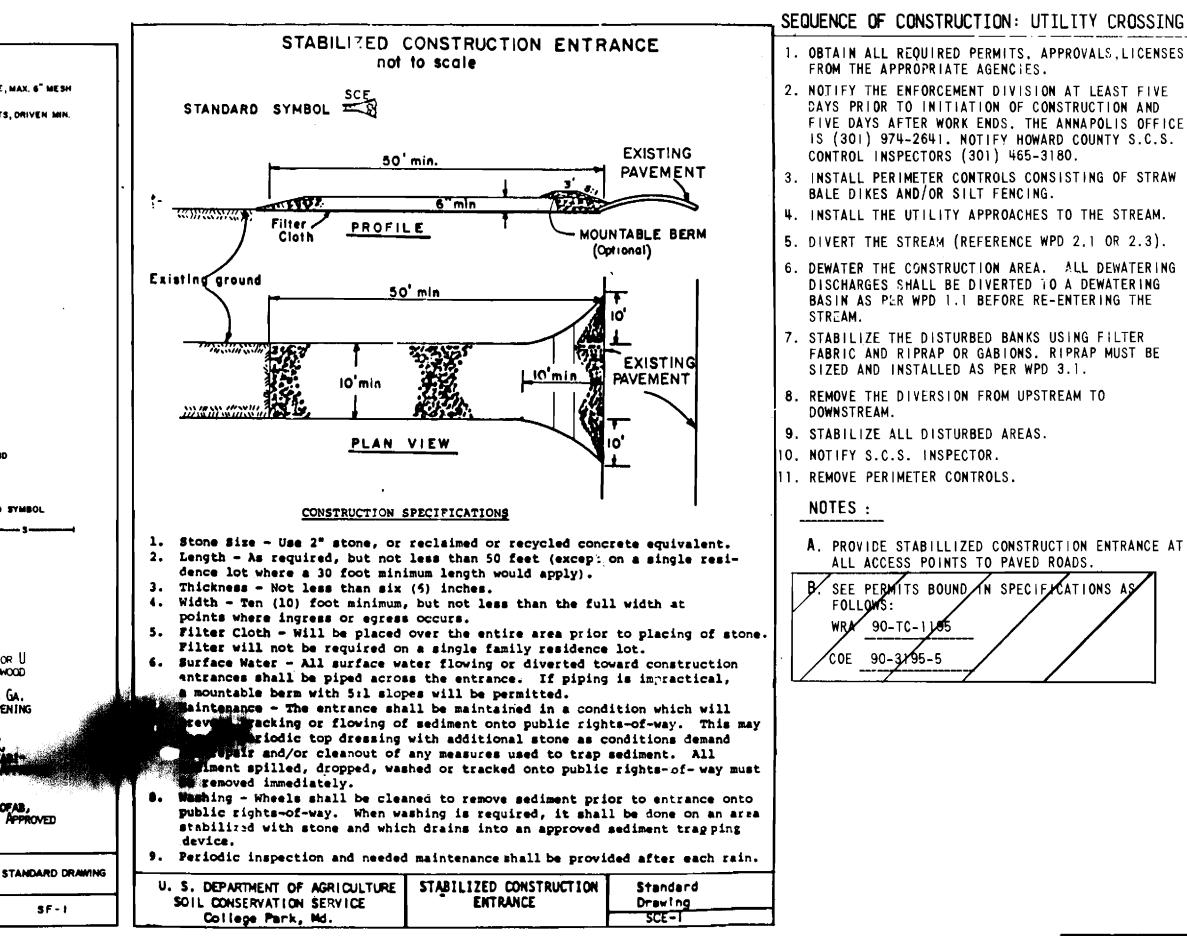


## RIP-RAP DETAIL WPD 3.1



## Construction Specifications

- Restrictions No Construction or removal of a temporary access culvert will be permitted between October 1 through April 30 for all Class III and Class IV Trout Waters or between March 15 through June 15 for non-trout waterways.
- b. <u>Culvert Strength</u> All culverts shall be strong enough to support their cross sectional area under maximum expected loads.
- c. Culvert Size The size of the culvert pipe shall be the largest pipe dismeter that will fit into the existing channel without major excavation of the waterway channel or without major approach fills. If a channel width exceeds 3 feet, additional pipes may be used until the cross sectional area of the pipes is greater than 60 percent of the cross sectional area of the existing channel. The minimum size culvert that may be used is a 12" diameter pipe.
- d. Culvert Length The culvert(s) shall extend a minimum of one foot beyond the upstream and downstream toe of the aggregate placed around the culvert. In no case shall the culvert exceed 40 feet in length.
- streambanks prior to placement of the pipe culvert(s) and aggregate. The filter cloth shall cover the streambed and extend a minimum six inches and a maximum one foot beyond the end of the culvert and bedding material. Filter cloth reduces settlement and improves crossing stability.
- f. <u>Culvert Placement</u> The invert elevation of the culvert shall be installed on the natural streambed grade to minimize interference with fish migration (free passage of fish).
- of one foot of aggregate. If multiple culverts are used they shall be separated by at least 12" of compacted aggregate fill. At a minimum, the bedding and fill material used in the construction of the temporary access culvert crossings shall conform with the aggregate requirements cited in Section I.H. 1. above.
- h. Stabilization All areas disturbed during culvert installation shall be stabilized within 14 calendar days of the disturbance in accordance with the Standard for "Critical Area Stabilization With Permanent Seeding."



WHITMAN, REQUARDT

AND ASSOCIATES

**ENGINEERS** 

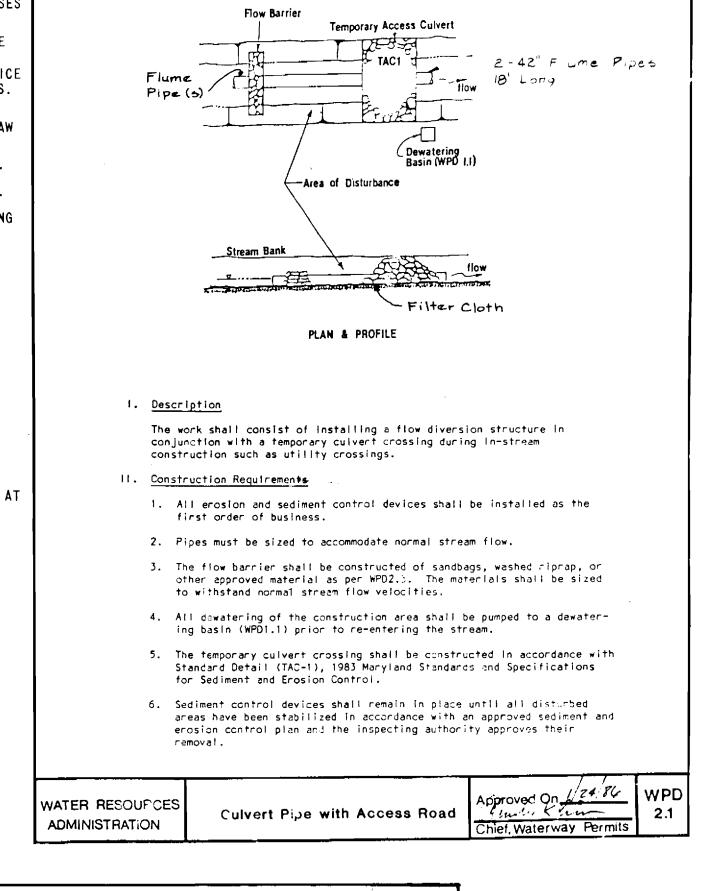
2315 ST PAUL ST

BALTIMORE , MARYLAND

DES RBN.

DRU RAF

BY NO.



SEDIMENT CONTROL

DETAILS

\_BLOCK NO.\_

600' SCALE MAP NO. \_\_\_\_44\_\_

Material Specifications
1. Sandbags: Sandbags shall consist of materials which are resistant to ultra-violet radiation, tearing and puncture and woven tightly enough to prevent leakage of fill material (i.e., sand, fine gravel, etc.).
2. Stone: Stone shall be washed and have a minimum diameter of 6 inches.

REVISION

CAPITAL PROJECT S- 6160

O'CONNOR DRIVE

SEWER MAIN

ELECTION DISTRICT NO. I

HOWARD COUNTY

CONTRACT NO. IO -1907

SCALE

\*AS
SHOWN

SHEET

3 OF 3