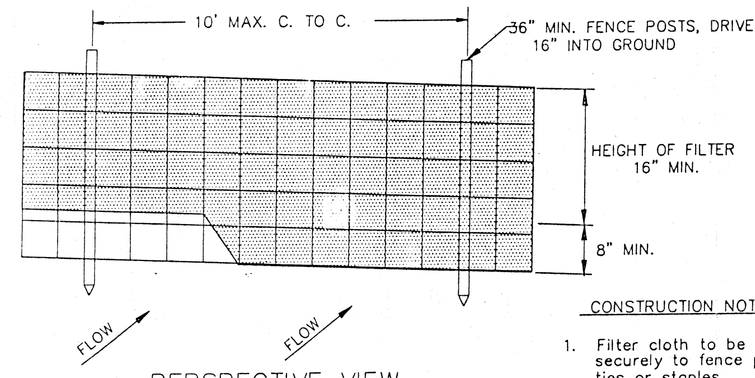
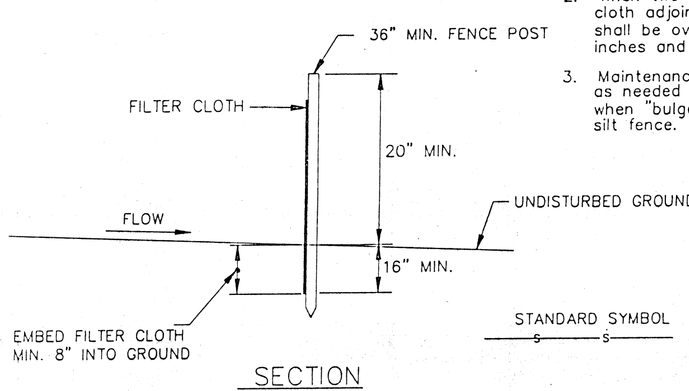


PERSPECTIVE VIEW



SECTION

SILT FENCE

N.T.S.

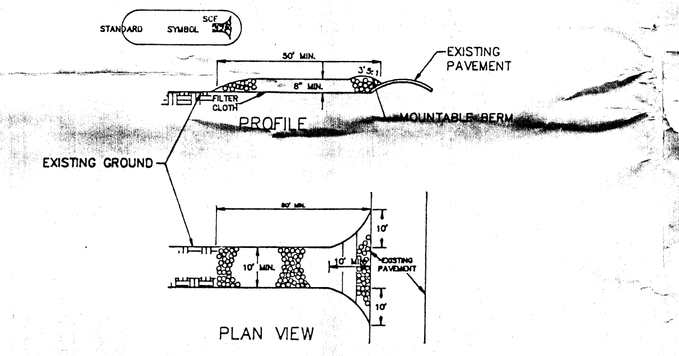
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. Filter cloth to be fastened securely to fence posts with wire ties or staples.
2. When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded.
3. Maintenance shall be performed as needed and material removed when "bulges" develop in the silt fence.

Posts: Steel either T or U or 2" hardwood

Filter Cloth: Poly Filter X Mirafi 100X stabilinka T140N or approved equivalent

Prefabricated Unit: Geofab, Envirofence, or approved equivalent



STABILIZED CONSTRUCTION ENTRANCE

N.T.S.

1.) Stone Size – Use ASSHTO #1 Stone

2.) Length – As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).

3.) Thickness – Not less than size (6) inches.

4.) Width – Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.

5.) Filter Cloth – Will be placed over the entire area prior to placing of stone.

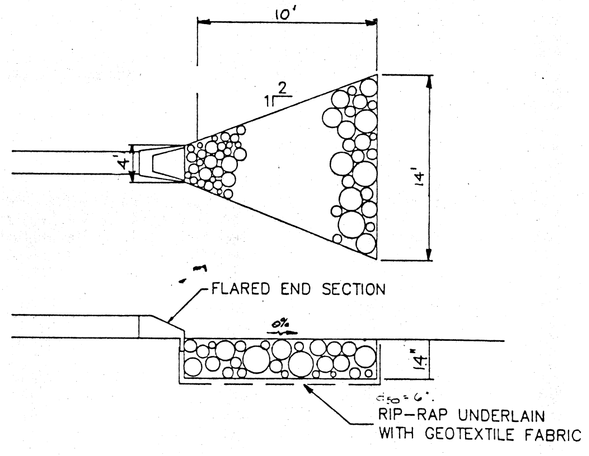
6.) Surface Water – All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.

7.) 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.

8.) Washing – Vehicle wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.

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

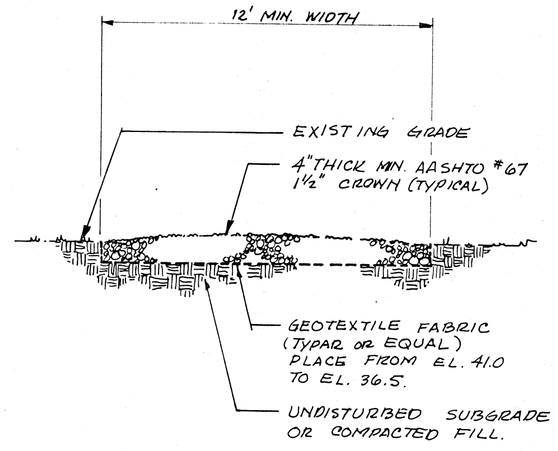
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERETO APPURTENANT.



ROCK OUTLET PROTECTION

(NO HEADWALL)

N.T.S.



ACCESS ROAD CROSS-SECTION

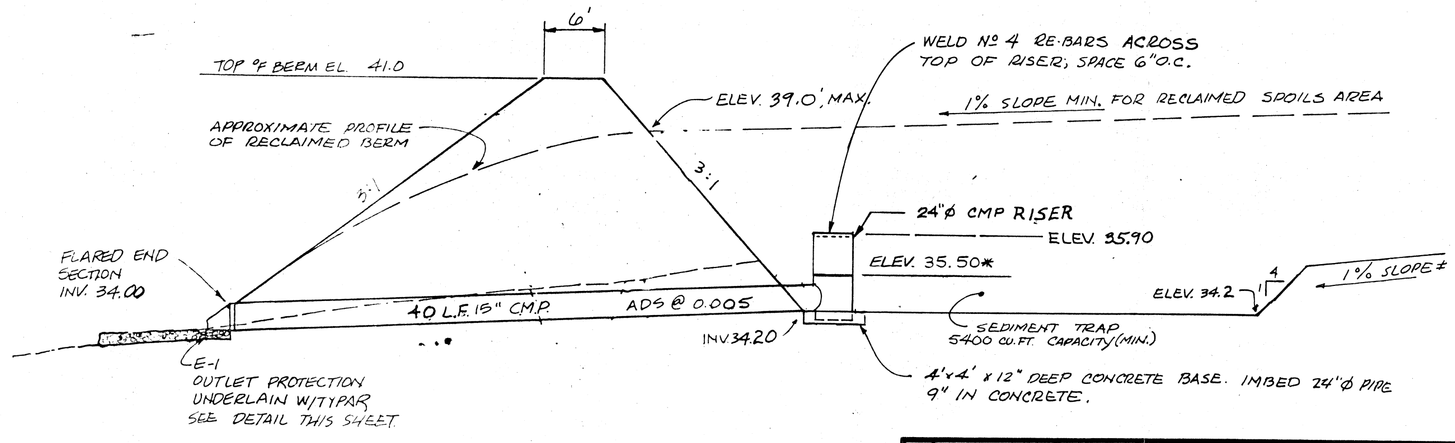
NO SCALE

Pipe Outlet Trap Notes

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material, or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. Volume of sediment storage shall be 3600 cubic feet per acre of contributory drainage.
4. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
5. The structure shall be inspected after each rain and repairs made as needed.
6. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
7. The structure shall be removed and area stabilized when the drainage area has been properly stabilized.
8. All fill slopes shall be 3:1 or flatter; cut slopes 3:1 or flatter.
9. All pipe connections shall be watertight.

DRAINAGE AREA = 1.53 ACRES
STORAGE REQ'D = 2754 CU. FT.
STORAGE PROVIDED = 5400 CU. FT.

* CONTRACTOR TO PROVIDE A PAINTED MARK OR WELDED REINF. ROD AT ELEV. 35.0 FOR REMOVAL OF SEDIMENT.



NOTE: SPOILS WILL NOT EXCEED THE ELEVATION OF 39.0' AT THE DIKE

TYPICAL DIKE DETAIL

NO SCALE

NOTES

1. The Contractor shall notify the Maryland Department of the Environment, 301-631-3510, Sediment Control Inspector and Cecil County Department of Public Works at least 48 hours prior to the start of any excavation or construction.
2. Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within seven calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); and 14 days as to all other disturbed or graded areas on the project site.
3. Stockpile areas to be located as directed by the Owner and must be placed within area protected by plan. Offsite stockpile areas to have an approved sediment and erosion control plan. If the construction schedule is to exceed 14 days, these areas must be stabilized. Upon completion of use of these areas, existing ground surfaces shall be restored to their original conditions and stabilized.
4. Any modifications to the sediment provisions of this plan require prior written S.C.D. approval.
5. The Cecil County S.C.D. reserves the right to modify the plan.
6. An approved sediment and erosion control plan must be on the site.
7. All flow lines are to be stabilized with sod or erosion control matting to a depth of flow of 1 foot.
8. The developer shall request that the inspection agency approve work completed in accordance with the approved erosion and sediment, the grading or building permit, and the Cecil County Erosion and Sediment Control Ordinance.
   a. On all sites, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading.
   b. Approval shall be requested upon final stabilization of all sites before removal of controls.
9. All sediment control measures shall be inspected at the end of each working day and left in operational condition.
10. Sediment control practices will be maintained until all disturbed areas for which the practices were installed have been stabilized to the satisfaction of the sediment control inspector. Sediment controls may only be removed with the authorization of the sediment control inspector.
11. All areas disturbed by sediment control removal will be stabilized immediately.
12. The limits of construction shall be clearly delineated in the field prior to grading of the site to ensure compliance with the approved plan.
13. The developer is responsible for obtaining all necessary permits prior to construction activity. Further, the issuance of a grading permit does not relieve the developer of the responsibility to obtain any additional local, state or federal permits.

CONTRACT WF-1

EROSION & SEDIMENT CONTROL DETAILS

WATERFRONT PROJECTS

DETAILS

TOWN OF CHARLESTOWN
CECIL COUNTY MARYLAND

NO.	REVISIONS	REVISED BY/DATE	CHECKED BY/DATE

DRAWN BY: MBS/DAK
DESIGNED BY: LRW
CHECKED BY: LRW/PDA
APPROVED BY:

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Wilmington, Delaware 19809
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COMM. NO.	DATE	SCALE	DRAWING NO.
532-015	9-6-91	AS SHOWN	9 OF 9