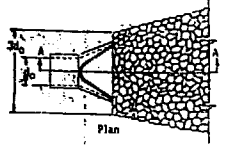
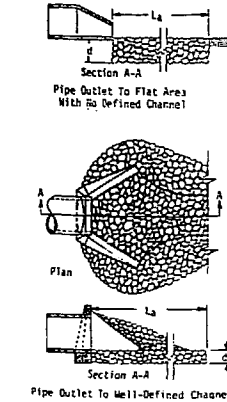


Talbot & Associates, Ltd.
1111 West Virginia Avenue, Martinsburg, West Virginia 26105
A Division of The Talbot Group, Inc.

EROSION & SEDIMENT CONTROL DETAILS
PHASE TWO AND THREE
PORT ANNE
VIRGINIA
WILLIAMSBURG, VIRGINIA

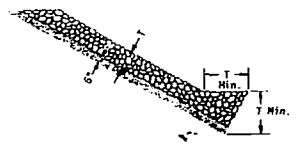


Notes
1. Apron lining may be riprap, g. outed riprap, or concrete.
2. Lr is the length of the riprap apron as calculated using Plazas 1.35d and 1.35e.
3. d = 1.5 times the maximum stone diameter but not less than 6 inches.



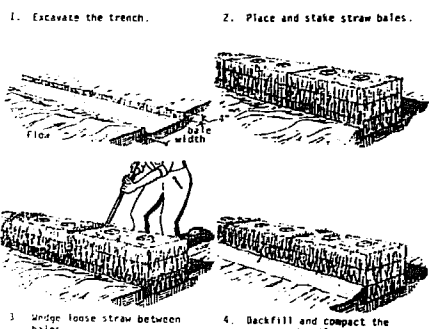
PIPE OUTLET CONDITIONS

(OP) OUTLET PROTECTION



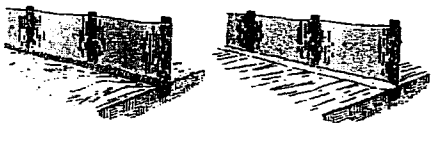
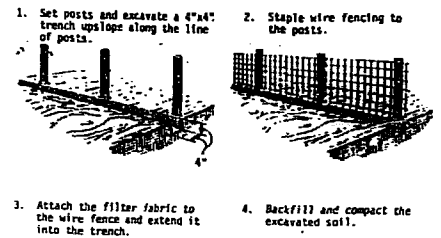
TOE REQUIREMENTS FOR RIPRAP BANK PROTECTION

(RR) RIP RAP

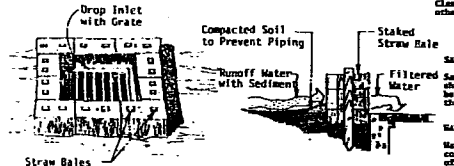


CONSTRUCTION OF A STRAW BALE BARRIER

(STB) STRAW BALE



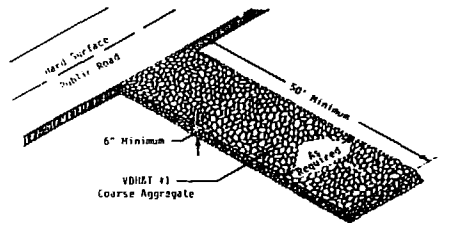
(SF) SILT FENCE



Specific Application
This method of inlet protection is applicable where the inlet drains a relatively flat area (slopes no greater than 5 percent) where sheet or overland flows (not exceeding 0.5 cfs) are typical. The method shall not apply to inlets receiving concentrated flows, such as in street or highway medians.

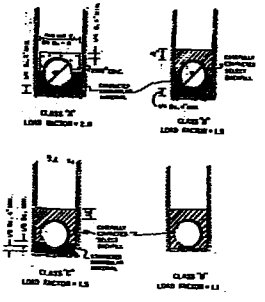
STRAW BALE DROP INLET SEDIMENT FILTER

(IP) INLET PROTECTION



GRAVEL CONSTRUCTION ENTRANCE

(CE) CONSTRUCTION ENTRANCE



TRENCH BEDDING

Class of bedding will be Class 'C' or 'Y' or as specifically directed by City of Williamsburg.
Class 'C' to be used below all buildings; Class 'Y' in all other locations.

Sanitary Sizer Specifications
Sanitary sizer shall be 8" ductile iron pipe; sanitary laterals shall be 4" cast iron soil pipe. All sizer apparatus shall be as shown on the plans or as approved equal as approved by the City of Williamsburg.

Waterline Specifications
Water service lines and appurtenances shall be of materials and construction in conformity with the standards and specifications of the City of Williamsburg.

Storm Drainage Specifications
Storm sewer shall be reinforced concrete pipe Class II or as approved equivalent steel pipe as shown on the plans. An approved equal may be used if previously approved by the City of Williamsburg.

EROSION CONTROL AND TREE PROTECTION NOTES

- 1. THE CONTRACTOR SHALL COMPLY WITH THE APPLICABLE REGULATIONS OF THE CITY OF WILLIAMSBURG...
2. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION, PROTECTION...
3. BEFORE OR WHILE A NEW-PROTECTIVE MEASURE WILL BE...
4. NEARLY ALL OPERATIONS SHALL BE CONFINED TO THE AREA...
5. ALL EXPOSED AND EXCAVATED AREAS...
6. ALL TREE LINES...
7. CRITERIA FOR REPLACING TREES...
8. THE CONTRACTOR SHALL MAINTAIN AND RESTORE...
9. CONSTRUCTION OPERATIONS SHALL BE...
10. TEMPORARY SEEDING SHALL BE APPLIED PRIOR TO...
11. ALL GRADED AREAS...
12. TEMPORARY SEEDING SHALL BE PROVIDED IN...
13. TEMPORARY AND PERMANENT SEEDING TO THE...
14. MAINTENANCE REQUIREMENTS - AS NECESSARY TO...
15. THE CONTRACTOR SHALL MAINTAIN AND RESTORE...
16. SEEDING SHALL BE PROVIDED FROM...
17. EROSION AND SEDIMENT CONTROL STRUCTURES...
18. TEMPORARY SEEDING

- II. SEEDING RATES AND RATES PER ACRE
A. SEEDING - 1 TO 20 SEEDING 15
B. SEEDING - 2 TO 40 SEEDING 20
C. SEEDING - 40 TO 80 SEEDING 25
D. SEEDING - 80 TO 120 SEEDING 30
E. SEEDING - 120 TO 160 SEEDING 35
F. SEEDING - 160 TO 200 SEEDING 40
G. SEEDING - 200 TO 240 SEEDING 45

- III. SEEDING
A. SEEDING - IMMEDIATELY AFTER...
B. SEEDING IS REQUIRED ON ALL...
C. SEEDING - 1 TO 20 SEEDING 15
D. SEEDING - 2 TO 40 SEEDING 20
E. SEEDING - 40 TO 80 SEEDING 25
F. SEEDING - 80 TO 120 SEEDING 30
G. SEEDING - 120 TO 160 SEEDING 35
H. SEEDING - 160 TO 200 SEEDING 40
I. SEEDING - 200 TO 240 SEEDING 45

- IV. SEED ONE OF THE FOLLOWING MIXTURES...
A. 40 - 20 LBS. OF SEEDS...
B. 30 - 20 LBS. OF SEEDS...
C. 20 - 20 LBS. OF SEEDS...

Table with columns: TYPE OF CHISEL, SEEDING RATE, SEEDING PER ACRE. Rows include 40-20, 30-20, 20-20, 40-20, 30-20, 20-20.

- V. MULCHING
A. MULCH - MULCH WITH ONE OF THE...
B. MULCHING IS REQUIRED ON ALL...
C. MULCHING - 1 TO 20 SEEDING 15
D. MULCHING - 2 TO 40 SEEDING 20
E. MULCHING - 40 TO 80 SEEDING 25
F. MULCHING - 80 TO 120 SEEDING 30
G. MULCHING - 120 TO 160 SEEDING 35
H. MULCHING - 160 TO 200 SEEDING 40
I. MULCHING - 200 TO 240 SEEDING 45

- VI. MAINTENANCE
A. MAINTENANCE - IF...
B. MAINTENANCE -...
C. MAINTENANCE -...

SPECIAL SEEDING & MULCHING NOTE

The above seeding and mulching notes should conform to Virginia Soil and Water Conservation Handbook (the pages are Section III, Seeding pp. 211-215; Mulching - Section III, pp. 250) or as directed by the City of Williamsburg.

REVISIONS table with columns: DATE, DESCRIPTION. Rows include 7-25-85, 9-30-85, 11/2/85, 1/14/86, 2/14/86, 3/14/86, 4/14/86, 5/14/86.

THESE PLANS ARE FOR THE RECORDATION OF PORT ANNE PHASE II-A PLATS ONLY, ANY OTHER PART OF THESE PLANS ARE PRELIMINARY.

Designed: WCB/CFL
Drawn: T/A
Checked: ABS
Scale: M.T.S.
Date: 9/30/85
File No: E-24018
Project No: 84015A
Sheet No: 16
of 18 Sheets