

FILTER CLOTH UNDERLINER (PREFERRED)

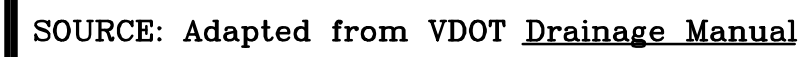


PLATE. 3.19-1

The graph displays two curves representing the relationship between Capacity (CFS) and Height (Ft.). The X-axis (Capacity, CFS) is logarithmic, ranging from 10 to 4000. The Y-axis (Height, Ft.) is linear, ranging from 0 to 5. The upper curve is labeled 'HEIGHT OF BANK ABOVE WATER SURFACE' and the lower curve is labeled 'HEIGHT OF LINING ABOVE WATER SURFACE'.

Capacity (CFS)	Height of Bank Above Water Surface (Ft.)	Height of Lining Above Water Surface (Ft.)
10	1.4	0.4
20	1.5	0.5
30	1.6	0.6
50	1.8	0.7
100	2.1	0.9
200	2.5	1.3
300	2.8	1.6
500	3.2	2.0
1000	3.6	2.5
2000	4.0	3.0
4000	4.4	3.5

SOURCE: U.S. BUREAU OF RECLAMATION

PLATE 3.19-2

1. ALL SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
2. THE APPROVING AUTHORITY MAY ADD TO, DELETE, RELOCATE, CHANGE, OR REVERSE MODIFY CERTAIN EROSION AND SEDIMENT CONTROL MEASURES WHERE FIELD CONDITIONS ARE ENCOUNTERED THAT WARRANT SUCH MODIFICATIONS.
3. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLAN SHALL BE PLACED IN ADVANCE OF THE WORK BEING PERFORMED, AS FAR AS PRACTICAL.
4. IN NO CASE DURING CONSTRUCTION SHALL WATER RUNOFF BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN PROVIDED.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAY'S WORK.
6. FOR THE EROSION CONTROL KEY SYMBOLS SHOWN ON THE PLANS, REFER TO THE VIRGINIA UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. THESE SYMBOLS AND KEYS ARE TO BE UTILIZED ON ALL EROSION CONTROL PLANS SUBMITTED TO ROANOKE COUNTY.
7. THE LOCATION OF ALL OFF-SITE FILL OR BORROW AREAS ASSOCIATED WITH THE CONSTRUCTION PROJECT WILL BE PROVIDED TO ROANOKE COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT. AN EROSION CONTROL PLAN OR MEASURES MAY BE REQUIRED FOR THIS AREA.
8. THIS SHEET MAY NOT BE MODIFIED EXCEPT FOR TABLES

TOTAL DISTURBED AREA = 0.76 AC. = 33,200 SQ. FT.

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Erosion & Sediment Control Details 3

04-SEP-13
RECORD

Approval Stamp

South Peak Development

Phase 1 Water System Improvements

SHEET
1H
OF
30

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