

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

ES-1: Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be constructed and maintained according to minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook and Virginia Regulations VR 625—02—00 Erosion and Sediment Control Regulations.

ES-2: The plan approving authority must be notified one week prior to the pre-construction conference, one week prior to the commencement of land disturbing activity, and one week prior to the final inspection.

DESCRIPTION
REVISIONS

ES-3: All erosion and sediment control measures are to be placed prior to or as the first step in clearing.

ES-4: A copy of the approved erosion and sediment control plan shall be maintain on the site at all times.

ES-5: Prior to commencing land disturbing activities in areas other than indicated on these plans (including, but not limited to, offset borrow or waste greas), the contractor shall submit a supplementary erosion control plan to the owner for review and approval by the plan approving authority.

ES-6: The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the plan approving authority.

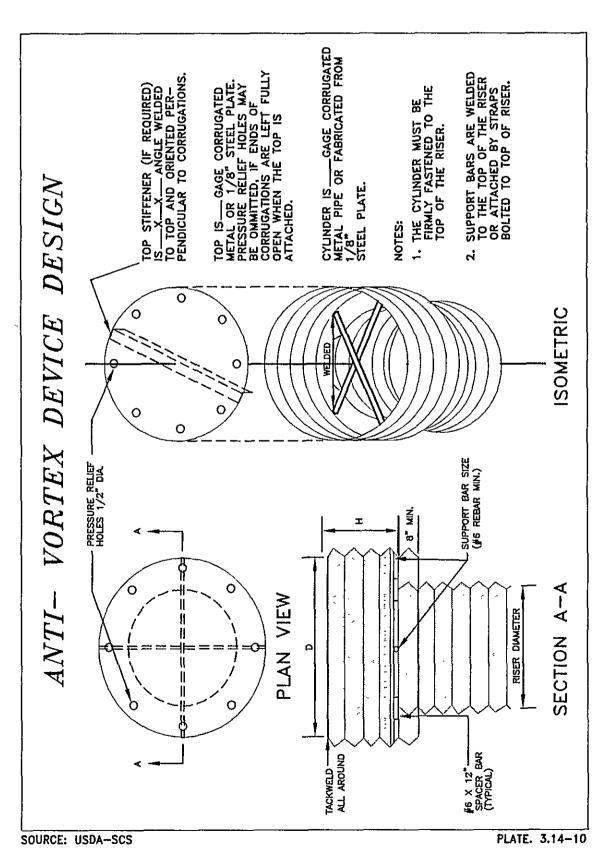
ES-7: All disturbed areas are to drain to approved sediment control measures at all times during land disturbing activities and during site development until final stabilization is achieved.

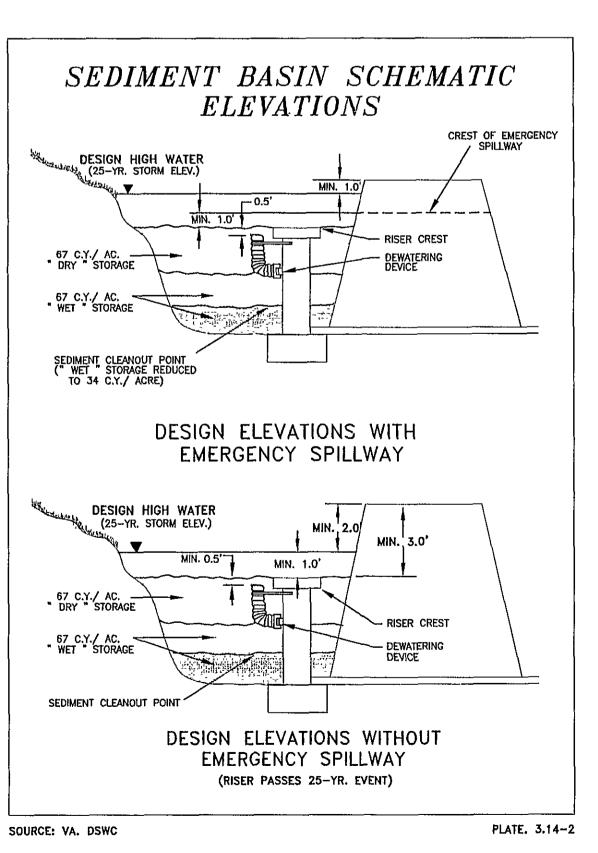
ES-8: During dewatering operations, water will be pumped into an approved filtering device.

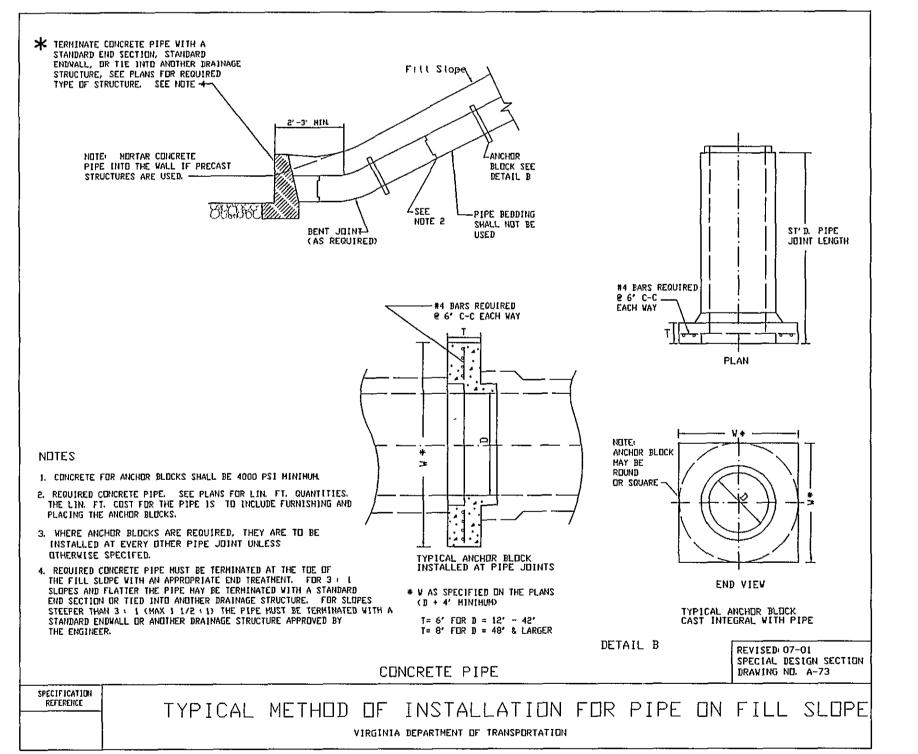
ES—9: The contractor shall inspect all erosion control measures periodically and after each runoff rainfall event. Any necessary repairs or cleanup to maintain the effectiveness of the erosion control devices shall be made immediately.

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT) 2. EXCAVATE A 4"X 4" TRENCH 1. SET THE STAKES. UPSLOPE ALONG THE LINE OF STAKES. 4. BACKFILL AND COMPACT 3. STAPLE FILTER MATERIAL THE EXCAVATED SOIL. TO STAKES AND EXTEND IT INTO THE TRENCH. SHEET FLOW INSTALLATION (PERSPECTIVE VIEW) POINTS A SHOULD BE HIGHER THAN POINT B. DRAINAGEWAY INSTALLATION (FRONT ELEVATION) SOURCE: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, VA. DSWC PLATE. 3.05-2

Sherwood and Wyant







PAVEMENT QUANTITIES:

325 TONS ASPHALT CONCRETE (SM-2A)

488 TONS ASPHALT CONCRETE (BM-2)

1,646 TONS VDOT ST'D (SIZE 21-A, TYPE 1)

DOWNSTREAM W = 13.0

UPSTREAM W = 4.5

OUTLET PROTECTION

DOWNSTREAM W = 11.5'

D = 1.5' (D50 = 0.5')

DESIGN: KSH

DRAFT: KSH

CHECK: RDS

GE

FOR VILLA

SHEET VIEW

MOUNTAIN
LOCATED ON VIRGILLS CREEK MAG

OUTLET #1:

L = 10'

OUTLET #2: UPSTREAM W = 9.0L = 10'D = 1.5' (D50 = 0.5')

OUTLET #3: UPSTREAM W = 6.0DOWNSTREAM W = 12.0L = 10'D = 1.5' (D50 = 0.5')

OUTLET #4: UPSTREAM W = 9.0'DOWNSTREAM W = 13.0L = 10'

D = 1.5' (D50 = 0.5')

EXCAVATION QUANTITIES:

NOTE: NO COMPACTION FACTOR CONSIDERED

QUANTITIES SHOWN ARE APPROXIMATIONS MADE BY ENGINEER ACCORDING TO THIS PLAN AND SHALL ASSIST IN BOND ESTIMATES ONLY. ADDITIONAL MATERIALS AND/OR QUANTITIES MAY BE REQUIRED FOR COMPLETION OF THE PROJECT.

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EROSION & SEDIMENT CONTROL QUANTITIES:

1,500 L.F. SILT FENCE 1 EA. CONSTRUCTION ENTRANCE

7 EA. DROP INLET PROTECTION 4 EA. OUTLET PROTECTION 4.0 AC. PERMANENT SEEDING

2,604 C.Y. CUT 2,970 C.Y. FILL

DURING THESE ESTIMATIONS.

DATE: 2-15-06 SCALE: AS SHOWN SHEET 6 OF 6 PROJECT NO.