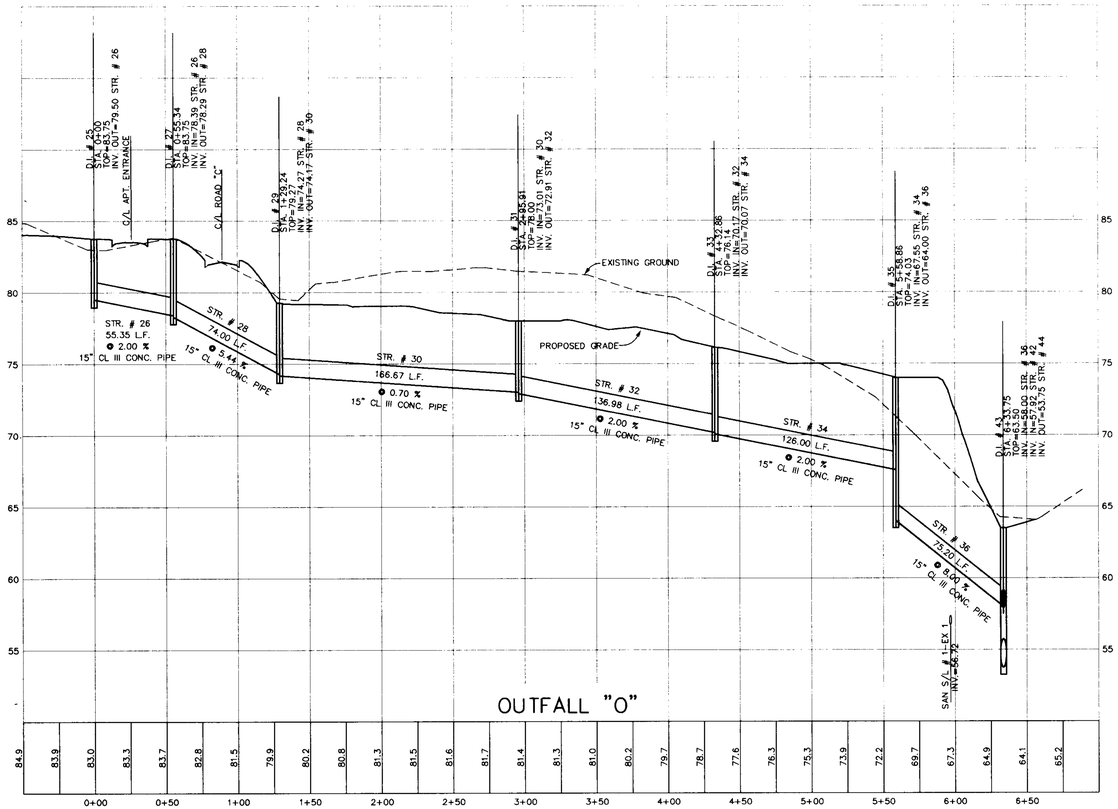
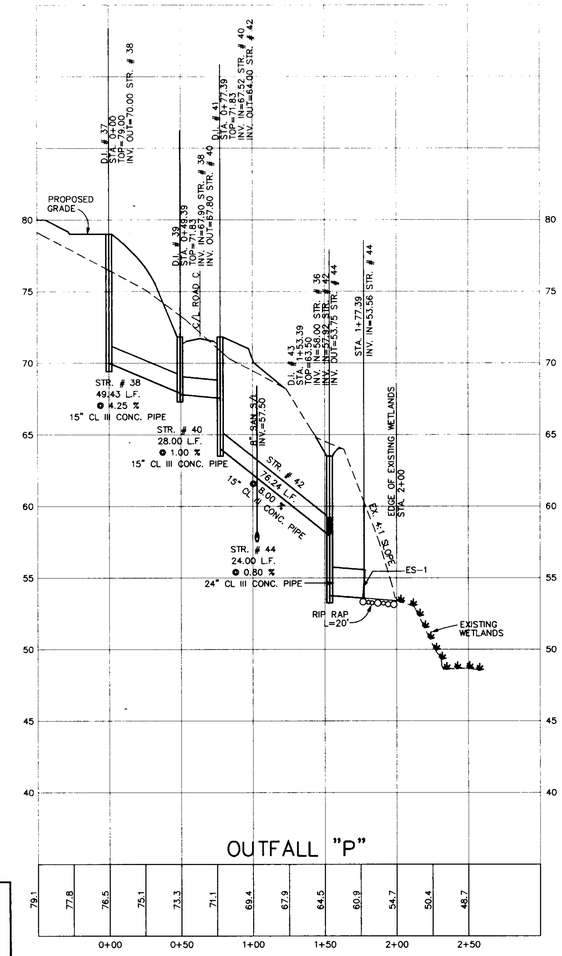
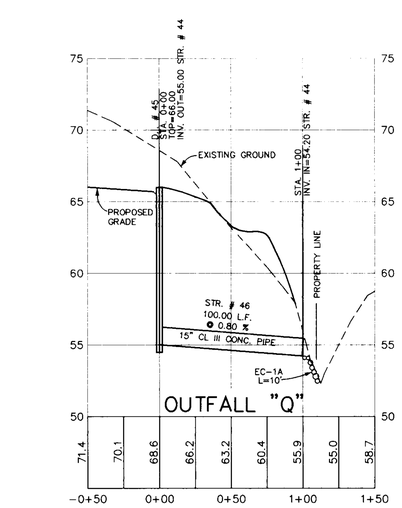
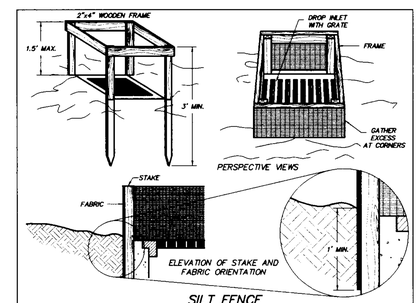


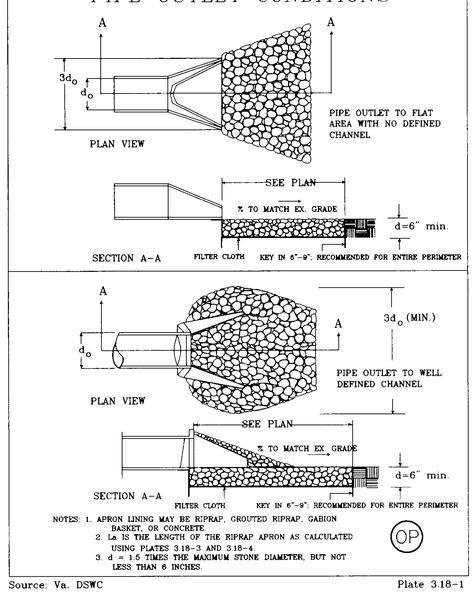






SILT FENCE
DROP INLET PROTECTION
(P#2) 3.07-1
NO SCALE
NOTE: REQUIRED ON ALL YARD INLETS

PIPE OUTLET CONDITIONS

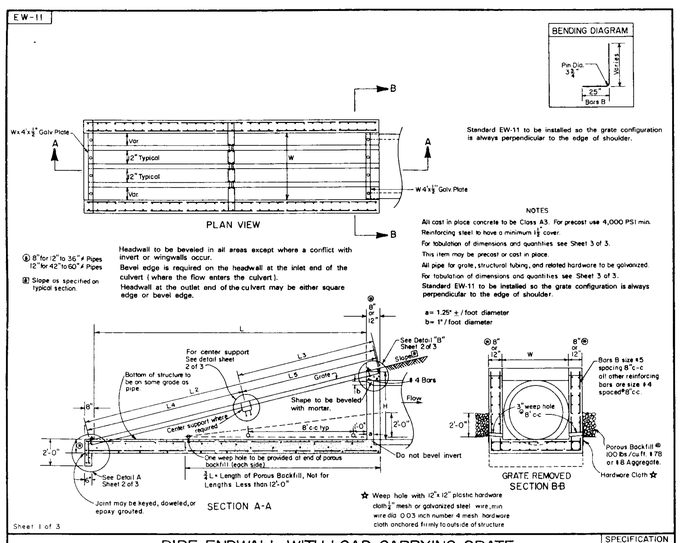


NOTES: 1. APRON LINING MAY BE RIPRAP, GROUTED RIPRAP, GABION BASKET, OR CONCRETE.
2. La IS THE LENGTH OF THE RIPRAP APRON AS CALCULATED USING PLATES 3.18-3 AND 3.18-4.
3. d = 1.5 TIMES THE MAXIMUM STONE DIAMETER, BUT NOT LESS THAN 6 INCHES.

(OP)

Source: Va. DSWC — Plate 3.18-1

EW-11



Standard EW-11 to be installed so the grate configuration is always perpendicular to the edge of shoulder.

NOTES
All cast in place concrete to be Class A3. For precast use 4,000 PSI min.
Reinforcing steel to have a minimum 1½" cover.
For tabulation of dimensions and quantities see Sheet 3 of 3.
This item may be precast or cast in place.
All pipe for grate, structural tubing, and related hardware to be galvanized.
For tabulation of dimensions and quantities see Sheet 3 of 3.
Standard EW-11 to be installed so the grate configuration is always perpendicular to the edge of shoulder.

a= 1.25" ± / foot diameter
b= 1" / foot diameter

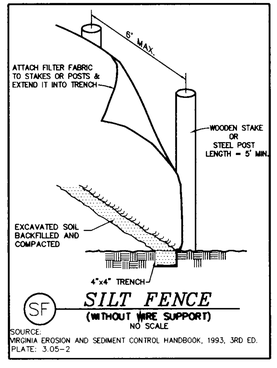
Sheet 1 of 3

PIPE ENDWALL WITH LOAD-CARRYING GRATE
FOR 12"-60" PIPES
VIRGINIA DEPARTMENT OF TRANSPORTATION

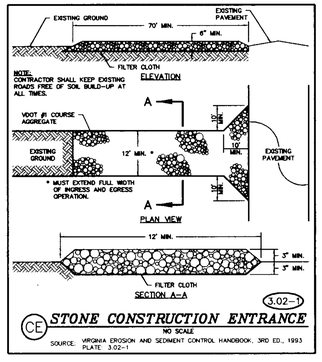
SPECIFICATION REFERENCE: 105.04, 241, 302

101.26

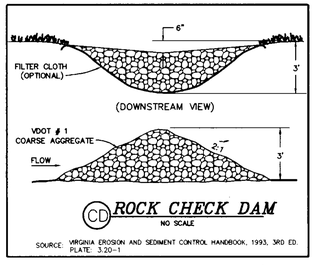
(TO BE INSTALLED @ EXISTING 42" RCP)



(SF) SILT FENCE
(WITHOUT WIRE SUPPORT)
NO SCALE
SOURCE: VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 1993, 3RD ED.
PLATE: 3.05-2

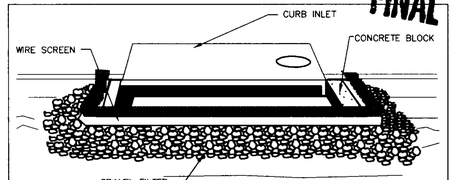


(CE) STONE CONSTRUCTION ENTRANCE
NO SCALE
SOURCE: VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 3RD ED., 1993
PLATE: 3.02-1



(CD) ROCK CHECK DAM
NO SCALE
SOURCE: VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 1993, 3RD ED.
PLATE: 3.20-1

FINAL



(P#1) BLOCK AND GRAVEL CURB INLET SEDIMENT FILTER
NO SCALE
NOTE: REQUIRED ON ALL CURB INLETS

THIS DRAWING PREPARED AT THE PRINCE GEORGE COUNTY OFFICE

COMMONWEALTH OF VIRGINIA
DERRICK A. JOHNSON
No. 24761
3-16-99
PROFESSIONAL ENGINEER

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REVISION DESCRIPTION	DATE
COUNTY AND VDOT COMMENTS	3-15-99

DATE	4-15-98
DRAWN BY	L. GILLIAM
DESIGNED BY	L. GILLIAM
CHECKED BY	D. JOHNSON
SCALE	HORZ.: 1"=50' VERT.: 1"=5'

TIMMONS — Founded 1953

ENGINEERS * SURVEYORS * PLANNERS * LANDSCAPE ARCHITECTS * ENVIRONMENTAL SCIENTISTS * GEOGRAPHIC INFORMATION SYSTEMS CONSULTANTS * CONSTRUCTION MANAGERS

PRINCE GEORGE APARTMENTS

BLAND DISTRICT • PRINCE GEORGE COUNTY, VIRGINIA

STORM SEWER PROFILES

JOB NO. 17713

SHEET NO. C-8

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K:\DRAW\17713-PRINCEGEORGEAPTS\Sheet8.dwg Tue Mar 16 11:54:22 1999 SRB, TRI-CITIES OFFICE