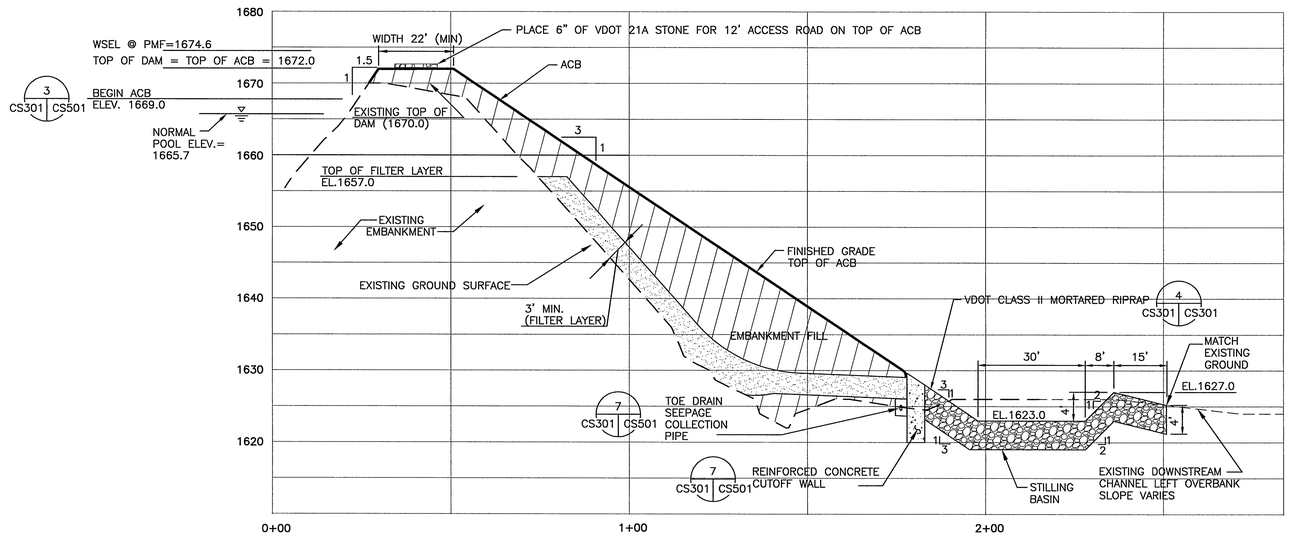
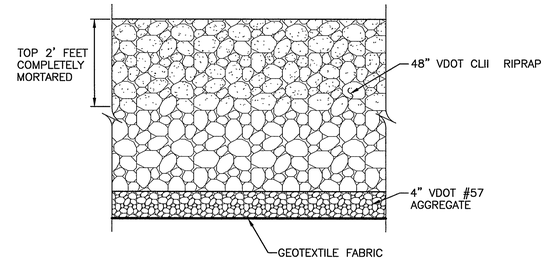


TYPICAL DAM SECTION

SCALE: HOR 1"=20'
VERT 1"=10"

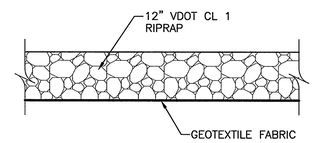
1
CS102 CS301



STILLING BASIN TYPICAL SECTION

NO SCALE

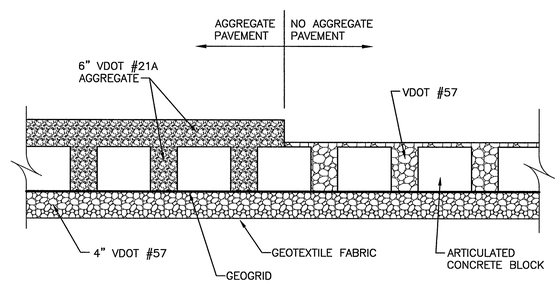
4
CS102 CS301
CS301



VDOT CLI RIPRAP TYPICAL SECTION

NO SCALE

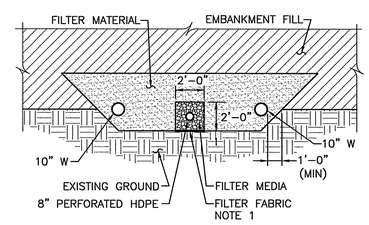
5
CS102 CS301



ARTICULATED CONCRETE BLOCK TYP SECTION

NO SCALE

2
CS102 CS301
CS203

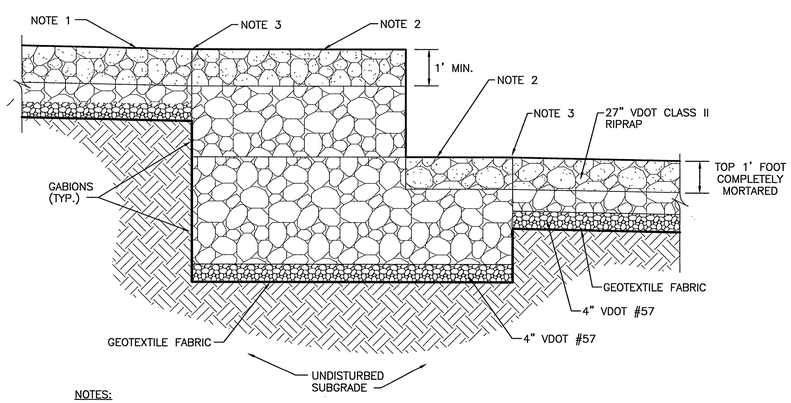


NOTE:
1. PLACE FILTER MATERIAL IN DIRECT CONTACT WITH FILTER MEDIA. ANYWHERE FILTER MEDIA IS IN CONTACT WITH MATERIALS OTHER THAN FILTER MATERIAL SEPARATE WITH FILTER FABRIC.

AGGREGATE DRAIN SECTION

SCALE: 1"=5'

6
CS103 CS301
CS201 CS202



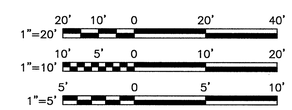
NOTES:

1. PROVIDE MORTAR FOR THE TOP 12" OF THE VDOT CLASS II RIPRAP.
2. PROVIDE MORTAR FOR THE TOP 12" (MIN.) OF GABIONS.
3. PROVIDE CONTINUOUS MORTAR LAYER BETWEEN GABIONS AND VDOT CLASS II MORTARED RIPRAP. A DISCONTINUITY OR JOINT BETWEEN GABIONS AND VDOT CLASS II MORTARED RIPRAP IS NOT ACCEPTABLE.

TYPICAL SECTION GABION DROP STRUCTURE AND VDOT CLII MORTARED RIPRAP

NO SCALE

3
CS102 CS301



GRAPHIC SCALES

HSMM | AECOM

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SEALS

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WESTERN VIRGINIA WATER AUTHORITY

FALLING CREEK DAM RENOVATION

WESTERN VIRGINIA WATER AUTHORITY

BEDFORD COUNTY, VIRGINIA

REV	DATE	DESCRIPTION	APP

PROJECT NO: 61034	PROJECT PH: REGULATORY REVIEW
ISSUE DATE: JANUARY 12, 2009	
DESIGNED BY: DMH	DRAWN BY: DWG
CHECKED BY: CGH	SUBMITTED BY: DMH

CIVIL

TYPICAL SECTIONS

CS301