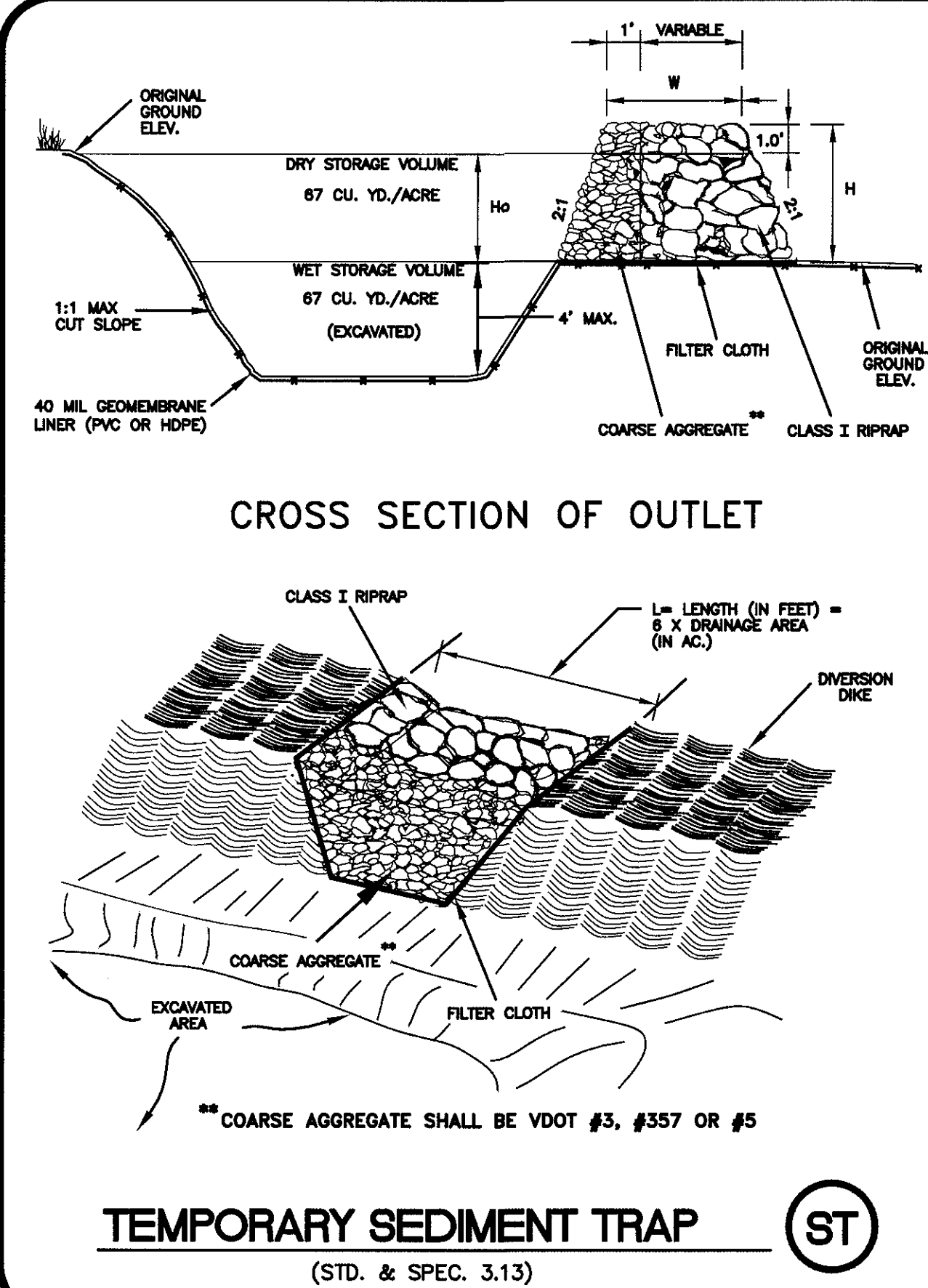
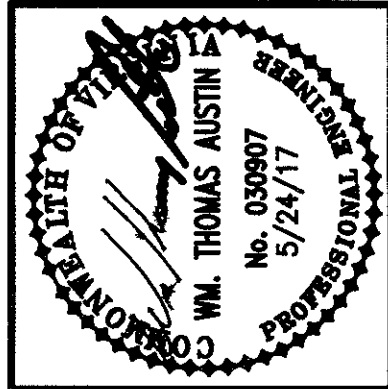




TEMPORARY SEDIMENT TRAP (ST)
(STD. & SPEC. 3.13)

TEMPORARY SEDIMENT TRAP DESIGN SUMMARY TABLE	
STRUCTURE ID:	B-1
DRAINAGE AREA (ACRES):	2.80
TOTAL STORAGE VOLUME REQ'D (CY):	375.2
WET STORAGE REQUIREMENTS AND DIMENSIONS:	
WET STORAGE VOLUME REQ'D (CY):	187.6
WET STORAGE BOTTOM DIMENSIONS (L x W):	75' x 22'
WET STORAGE BOTTOM ELEVATION (D):	1072.50
WET STORAGE DEPTH (FT):	2.75
WET STORAGE TOP DIMENSIONS:	81' x 28'
WET STORAGE TOP ELEVATION (C):	1075.25
WET STORAGE SIDE SLOPE (MAX.):	1:1
WET STORAGE VOLUME PROVIDED (CY):	199
DRY STORAGE REQUIREMENTS AND DIMENSIONS:	
DRY STORAGE VOLUME REQ'D (CY):	187.6
DRY STORAGE BOTTOM DIMENSIONS (L x W):	81' x 28'
DRY STORAGE BOTTOM ELEVATION (C):	1075.25
DRY STORAGE DEPTH (FT):	1.9
DRY STORAGE TOP DIMENSIONS (L x W):	88' x 35'
DRY STORAGE TOP ELEVATION (B):	1077.15
DRY STORAGE SIDE SLOPE (MAX.):	2:1
DRY STORAGE VOLUME PROVIDED (CY):	188
EMBANKMENT REQUIREMENTS AND DIMENSIONS:	
TOTAL EMBANKMENT HEIGHT - H (FT):	2.9
EMBANKMENT TOP ELEVATION (A):	1078.15
OUTLET HEIGHT - H _o (FT):	1.9
EMBANKMENT TOP WIDTH - W (FT):	3.0
OUTLET LENGTH - L (FT):	18
OUTLET PROTECTION DIMENSIONS:	CLASS I / 10'W X 10'L



Revisions	Date	RESPONSE TO 1ST REVIEW COMMENTS
0	10/06/17	

Issue Date:	MAY 24, 2017
Drawn By:	ARB
Designed By:	ARB
Checked By:	WTA
Date:	5/24/17

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THE VILLAGE AT TINKER CREEK - PHASE IIIB
EROSION & SEDIMENT CONTROL
DETAILS
ROANOKE COUNTY, VIRGINIA

Vertical Scale:	N/A
Horizontal Scale:	N/A
Commission Number:	1966-P4
Sheet No.:	

EC-7