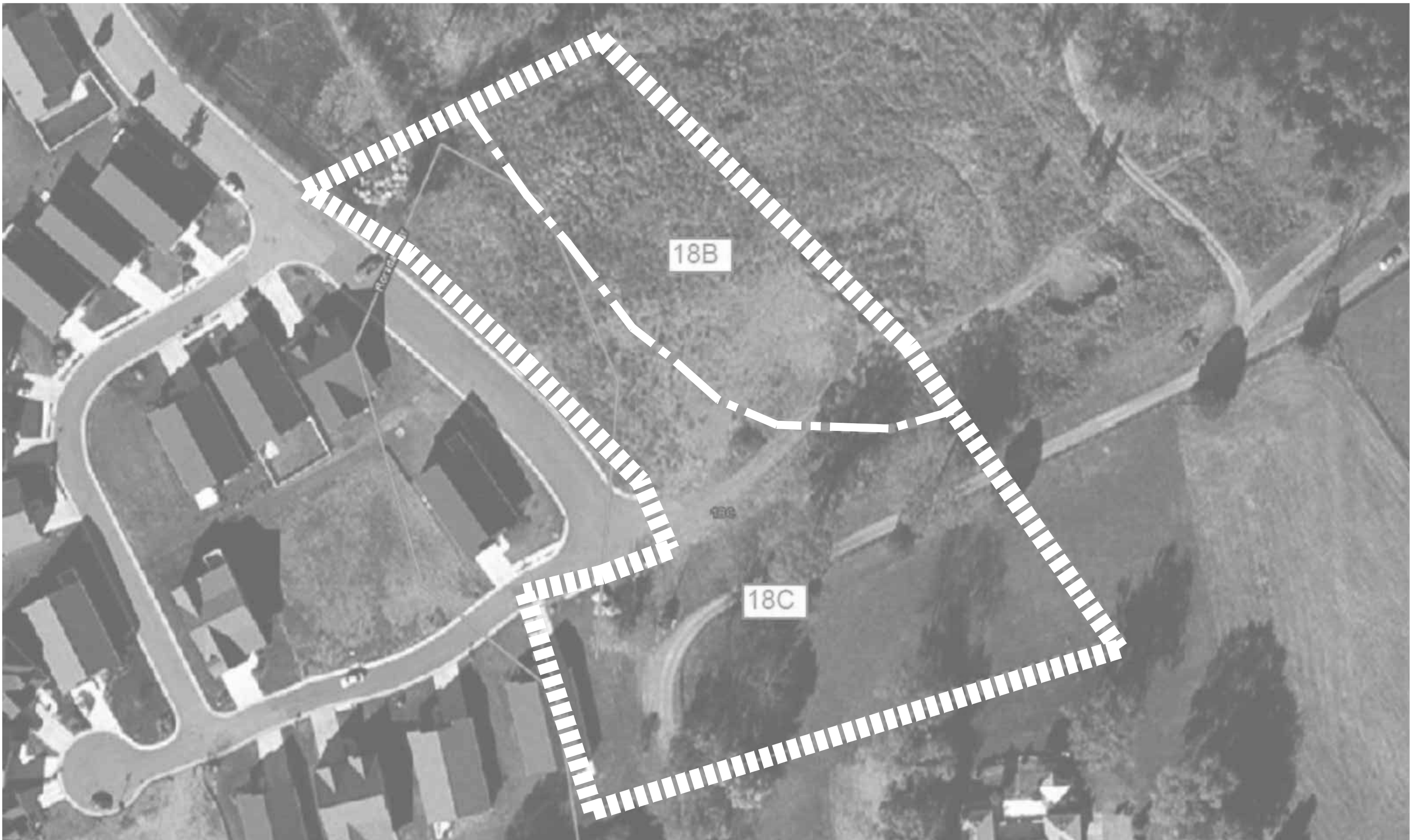
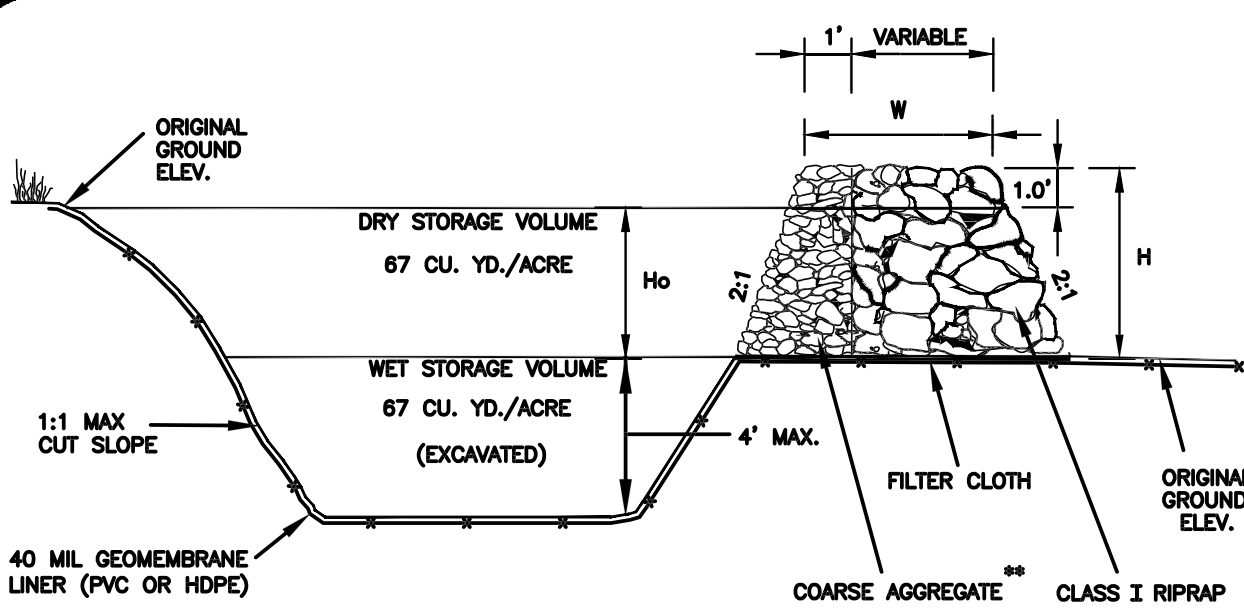


R:\Drawings\1966-P3\Drawings\1966-P3_EC3-EC7.dwg, 8/17/2017 1:25:46 PM, orb

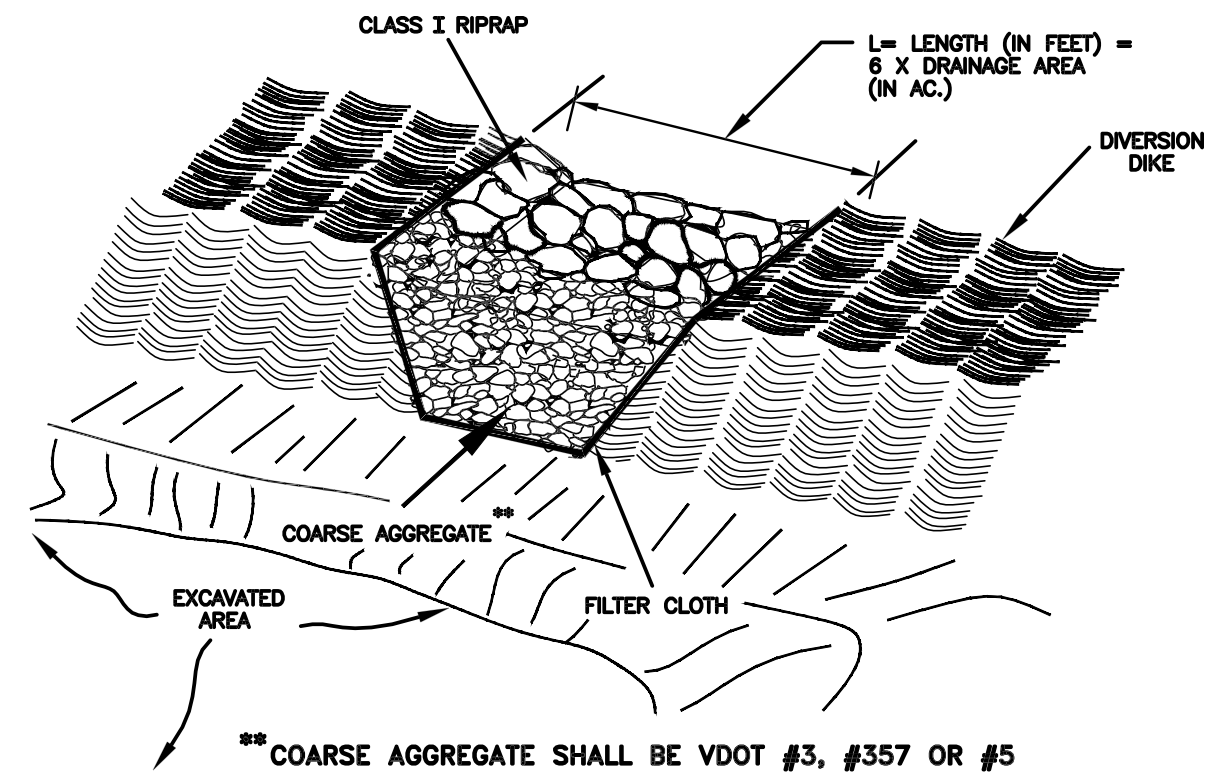


SOIL MAP

LEGEND:
18B FREDERICK SILT LOAM, 2-8% SLOPES
18C FREDERICK SILT LOAM, 8-15% SLOPES
(SEE SOIL DATA TABULATION ON SHEET EC-1
FOR ADDITIONAL INFORMATION.)



CROSS SECTION OF OUTLET

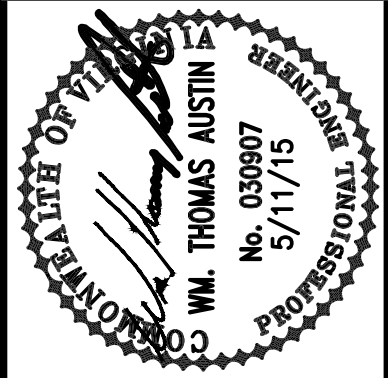


TEMPORARY SEDIMENT TRAP

(STD. & SPEC. 3.13)



TEMPORARY SEDIMENT TRAP SCHEDULE /DESIGN SUMMARY TABLE		
TRAP PARAMETER:	TRAP NO. 1	TRAP NO. 2
DRAINAGE AREA SIZE - MAXIMUM (ACRES)	2.63	1.41
TOTAL STORAGE VOLUME REQD. (CY)	352.4	189.9
SEDIMENT TRAP INVERT/ BOTTOM ELEVATION	1059.00	1080.00
BOTTOM AREA LENGTH (FT)	110	60
BOTTOM AREA WIDTH (FT)	20	30
BOTTOM AREA (SF)	2200	1800
WET STORAGE VOLUME REQD. (CY)	176.2	94.5
WET STORAGE LENGTH (TOP)	117	66
WET STORAGE WIDTH (TOP)	27	36
WET STORAGE AREA AT TOP (SF)	3187.8	2376.0
WET STORAGE DEPTH (FT.)	1.80	1.50
WET STORAGE ELEVATION - TOP	1060.80	1081.50
EXCAVATED SIDE SLOPES (H:1)	2.00	2.00
WET STORAGE VOLUME PROVIDED (CY)	179.6	116.0
DRY STORAGE VOLUME REQD. (CY)	176.2	94.5
DRY STORAGE LENGTH (FT)	123.2	70.0
DRY STORAGE WIDTH (FT)	33.2	40.0
DRY STORAGE AREA - TOP (SF)	4090	2800
DRY STORAGE DEPTH (FT.)	1.50	1.00
DRY STORAGE ELEVATION - TOP	1062.30	1082.50
EXCAVATED SIDE SLOPES (H:1)	2.00	2.00
DRY STORAGE VOLUME PROVIDED (CY)	202.2	95.9
H. EMBANKMENT HEIGHT (FT.)	2.5	2.0
TOP OF EMBANKMENT ELEVATION	1063.30	1081.50
Ho, OUTLET HEIGHT (FT.)	1.5	1.0
W, TOP WIDTH (FT.)	2.5	2.0
L, OUTLET LENGTH (FT.)	16	9
EMBANKMENT SIDE SLOPES (H:1)	2	2
OUTLET PROTECTION DIMENSIONS	CLASS I / 10'W X 10'L	CLASS I / 10'W X 10'L



Revisions	Date	1ST REVIEW COMMENTS
1	7/17/15	
2	9/4/15	APPROVED SET
3	7/21/17	PLAN REVISION NO. 1

Issue Date:	MAY 11, 2015
Drawn By:	RWA
Designed By:	RWA
Checked By:	WTA
Date:	5/11/15



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THE VILLAGE AT TINKER CREEK – PHASE IIIA
EROSION & SEDIMENT CONTROL
DETAILS
ROANOKE COUNTY, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale:
N/A

Commission Number:
1966–P3

Sheet No.:

EC-7