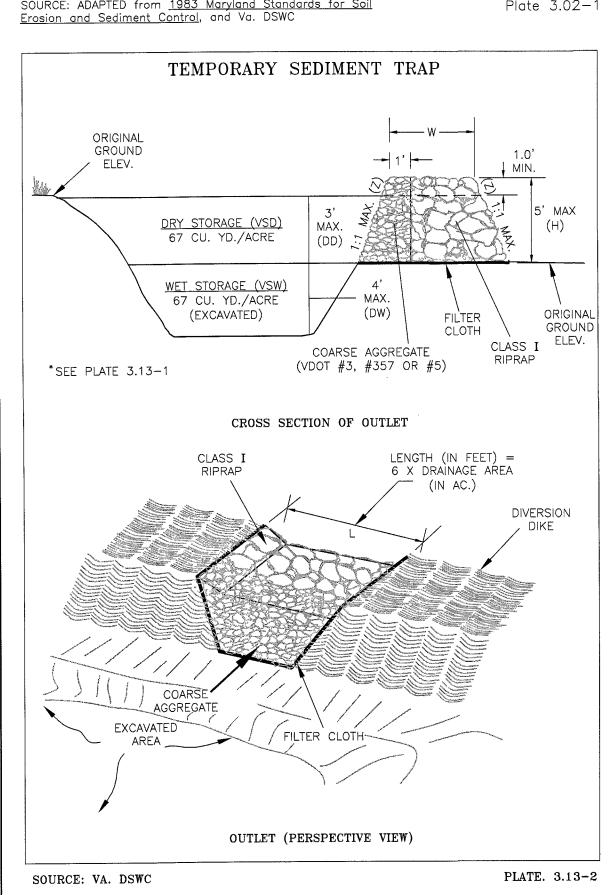
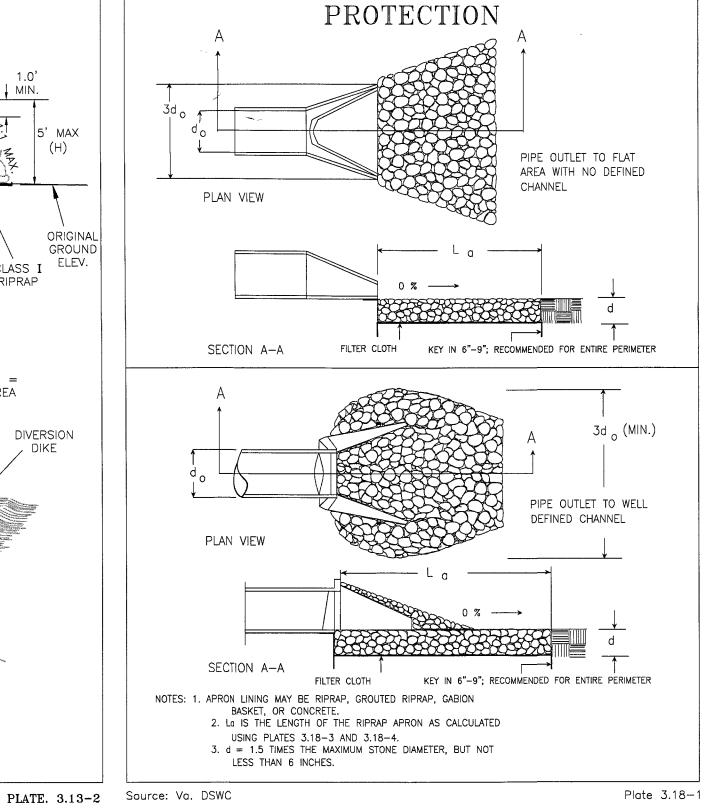
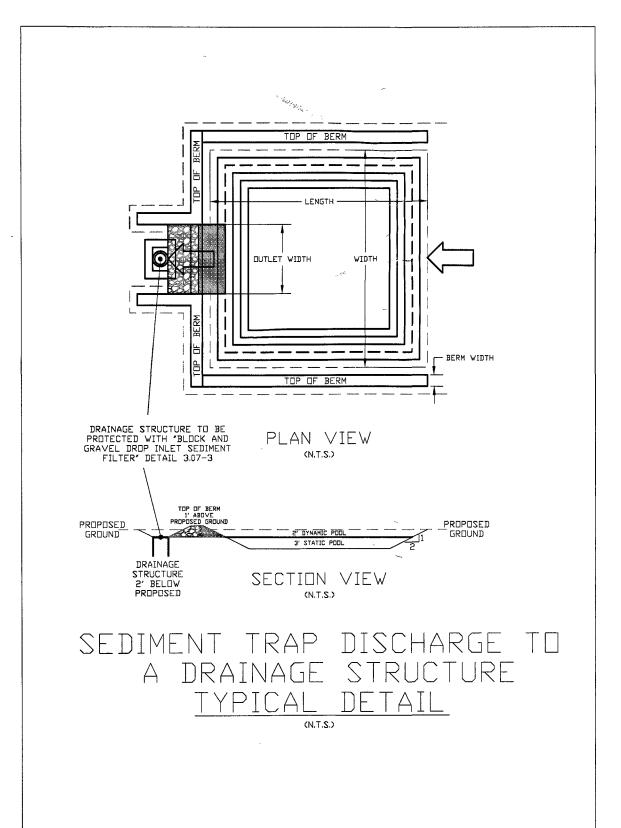


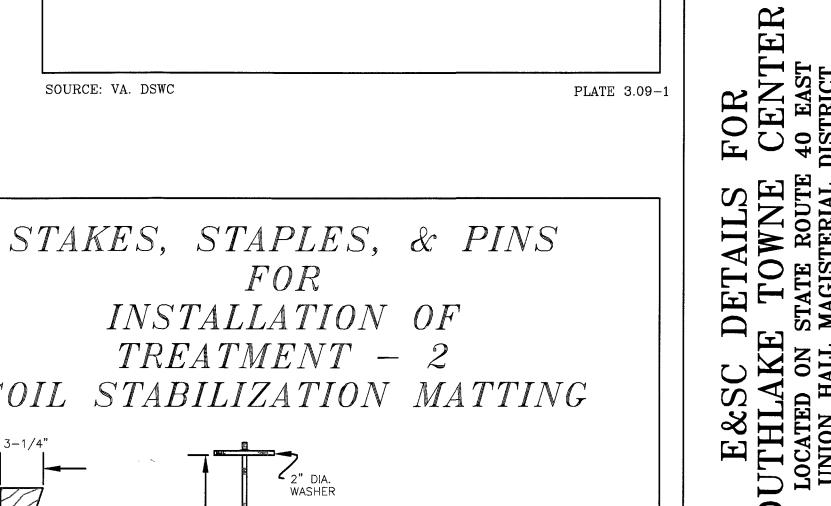
_Compacted Soil





PIPE INLET AND OUTLET





TEMPORARY DIVERSION DIKE

--- 4.5' min. ----

DATA #2 #3 0.86 1.48
#2 #3
#2 #3
0.86 1.48
1552 2685
1552 2685
3.00 3.00
2.00 2.00
3.00 3.00
3.00 3.00
2 2
6 9

TOTAL DISTURBED AREA 21.52 ACRES

L FT. 19 6

SEDIMENT TRAP DATA

2.75 4978

4978

3.00 3.00

2.00 3.00

3.00 3.00

2 2

LABEL UNITS #1 #2

VSD S.F.

W FT.

Z N/A

OUTLET PROTECTION		
Q2 =	23.5	cfs
Q10 =	55	cfs
** ASSUME MINIMUM TAILWATER	CONDIT	ION**
UPSTREAM =	10.5	ft.
La =	22	ft.
DOWNSTREAM =	25.5	ft.
d50 =	6	in.
OUTLET VELOCITY 10 PIPE=	3.2	fps
OUTLET VELOCITY 2 PIPE=	6.42	fps
OUTLET DEPTH 10 RIPRAP=	0.56	ft.
OUTLET DEPTH 2 RIPRAP=	0.35	ft.

NOTE 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.

SOIL STABILIZATION MATTING 1×4 TRIANGULAR SURVEY STAKE - MINIMUM 10" IN LENGTH. PLACEMENT OF THE STAKE ACROSS THE FLOW OF THE WATER IS THOUGHT TO PROVIDE A "PINBALL EFFECT" TO HELP SLOW THE VELOCITY. 11 GAUGE STEEL - MINIMUM 1" WIDE BY 6" IN LENGTH STEEL STAPLE - 2"x8" STAPLE MAY BE REQUIRED IN CERTAIN SOIL CONDITIONS. 3) STEEL PINS — 3/16 DIAMETER STEEL PIN BY 18" IN LENGTH WITH A 2" DIAMETER WASHER ON TOP. (SEE ILLUSTRATION) STAPLE

SOURCE: PRODUCT LITERATURE FROM GREENSTREAK, INC.

09/29/10 SCALE AS SHOWN SHEET 11 OF 11 PROJECT NUMBER PLATE: 3.36-3 F:\Projects\2008\08091 WILLARD\08091-2010 MASS GRADE\2010 GRADING PLAN.DWG

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RODNEY DEAN STONE Lic. No. 032060

APPHHA444

CDS

RDS

DRAFT

CHECK