

**LEGEND**

- STONE TOE PROTECTION
- RIFFLE GRADE CONTROL
- LOG WEIR
- IMBRICATED BANK PROTECTION
- L.O.D. - LIMIT OF DISTURBANCE
- PROPERTY LINE
- EXISTING TREE (TO BE REMOVED AND TRUNK STOCKPILED)
- TREE PROTECTION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED BIKE PATH
- COBBLE BED MATERIAL
- CLAY CHANNEL BLOCK

**STONE TOE PROTECTION SCHEDULE**

FROM STA.	TO STA.	STREAM SIDE*
12+63	11+80	R
12+40	11+80	L
11+40	10+85	L
10+65	9+50	L
11+45	9+30	R
9+20	8+75	R
9+23	8+60	L
8+26	7+77	R
8+28	7+77	L

\* FACING DOWNSTREAM, MEASURED FROM THE BASELINE OF CONSTRUCTION

**RIFFLE GRADE CONTROL SCHEDULE**

FROM STA.	TO STA.	STREAM SIDE*
12+30	11+80	
11+45	11+25	
9+99	9+55	
8+28	7+77	

**IMBRICATED BANK SCHEDULE**

FROM STA.	TO STA.	STREAM SIDE*
11+80	11+40	L
8+60	8+28	L

\* FACING DOWNSTREAM, MEASURED FROM THE BASELINE OF CONSTRUCTION

**LOG WEIR SCHEDULE**

STATION	ELEVATION*
11+25	176.18
10+85	174.94
10+65	174.79
10+35	173.86

\* INDICATES THALWEG ELEVATION ON TOP LOG

**POOL THALWEG LOCATION SCHEDULE**

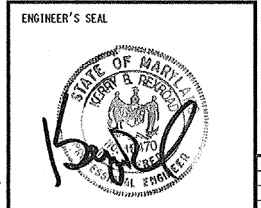
STA.	OFFSET	ELEVATION	STREAM SIDE*
11+65	3.0'	175.8	L
10+70	3.0'	173.9	R
9+40	3.0'	170.7	R
8+45	3.0'	169.6	L

\* FACING DOWNSTREAM, MEASURED FROM THE BASELINE OF CONSTRUCTION

**NOTE:**

- EXACT LOCATION OF BIKE PATH TO BE FIELD DETERMINED BY THE ENGINEER. BIKE PATH WILL BE CONSTRUCTED TO AVOID EXISTING TREES.
- ALL TREES WITHIN THE LOD GREATER THAN 6" IN DIAMETER, OTHER THAN THOSE DESIGNATED TO BE REMOVED OR SAVED, SHALL BE EVALUATED IN THE FIELD AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO REMOVAL.

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 18470 EXPIRATION DATE: 10-28-2008



PS01 OF 02

DATE	REVISION	BY

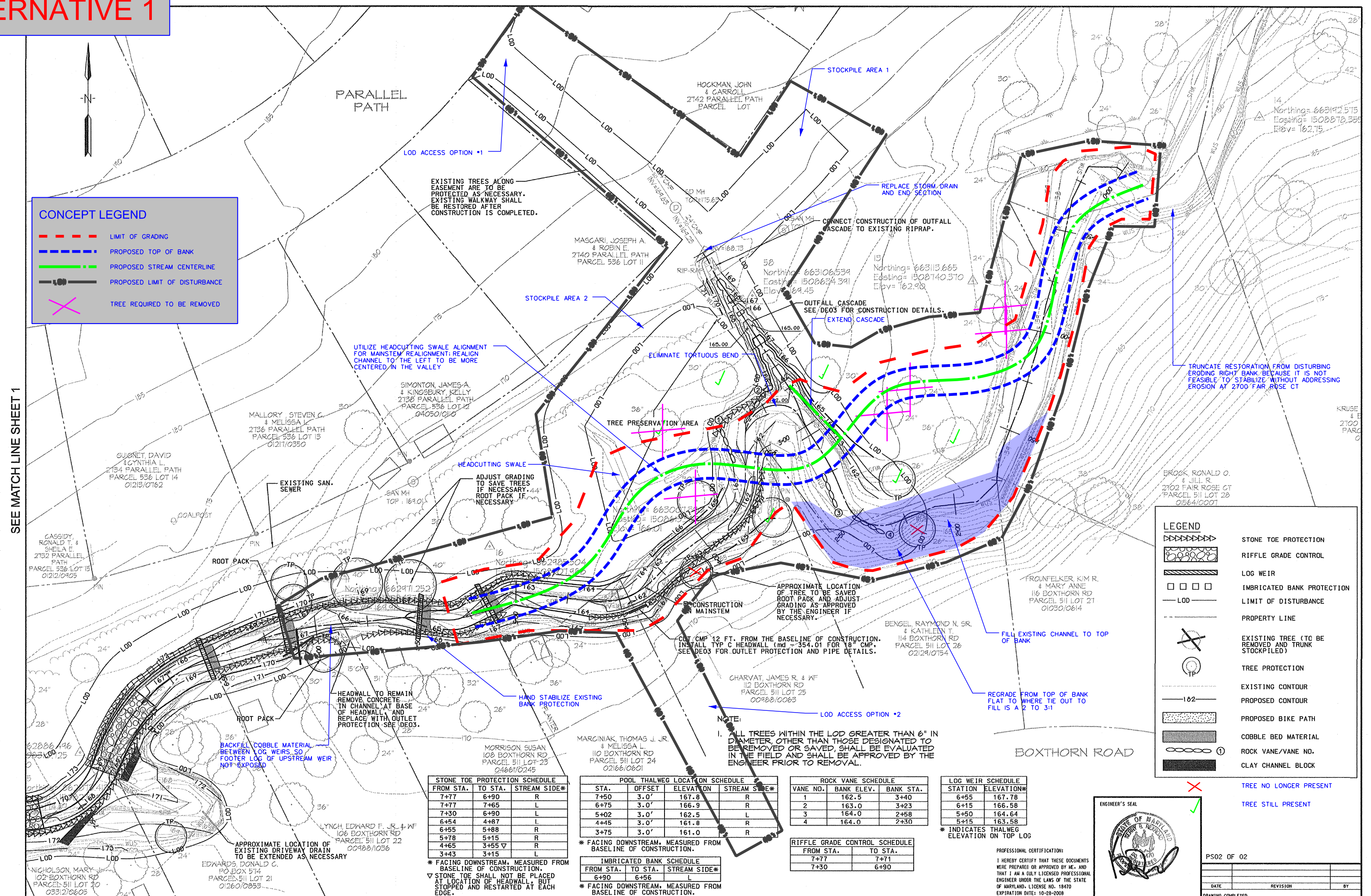
DRAWING COMPLETED







## ALTERNATIVE 1



PLOTTED: "10:07 AM on Friday, June 06, 2008"  
BY: Harmony Miller Division: 0109 Natural Resource Management  
FILE: M:\2003\0103134.07\drawings\ps02laurel.dgn

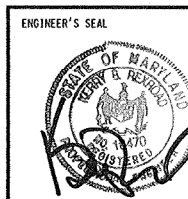
HARFORD COUNTY  
MARYLAND

## GRADING PLAN

LAUREL VALLEY STREAM RESTORATION



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EXPIRATION DATE: 10-28-2008



PS02 OF 02

DATE		REVISION		BY	
DRAWING COMPLETED.					
SCALE	TAX MAP	SHEET	J.O. _____		
1" = 20'	POSITION SHEET	NO. 6	FILES _____		
		OF 30			

SCALE

TAX M

IAP	S
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HEET

J.O. \_\_\_\_\_




## ALTERNATIVE 2

