DRAFT

1
REVISED ALL LIMITS OF CLEARING AND TEMPORARY ACCESS PATH TO STANDARDIZE WIDTH, PROVIDE STORAGE, AND INCLUDE STREAM.

MATCHLINE B

- MOVING ALIGNMENT TO RIGHT TO PROTECT TREES ON HIGH LEFT BANK AND TREE 20456.

- DO NOT REMOVE TREES ON RIGHT BANK (20448-20452).
- FILL IN AND AROUND ROOTS TO STABILIZE.

10

ACCESS PATH DECK MATS SHALL BE PLACED ALONG ENTIRE LENGTH OF TEMPORARY ACCESS PATH UNLESS SPECIFIED OTHERWISE.

REACH 4A 11+10 TO 28+40
WIDTH = 16.5'
DEPTH =1.8'
PROPOSED LENGTH = 1,730'
R_CMIN = 41'

REACH 4A 28+40 TO 33+70
WIDTH = 18.0'
DEPTH = 1.9'
PROPOSED LENGTH = 530'
R_CMIN = 45'

9

- PROPOSED BRIDGE RELOCATION OFF OF SANITARY EASEMENT AND D/S TO AVOID UTILITIES. U/S ALTERNATIVE IMPACTS MORE TREES TO RECONNECT TRAIL. WSSI ID #16 RESTON PLAC. #62

5

- PROPOSED MEANDER IS MINIMUM R_C.

- PROPOSED MEANDER IS MINIMUM R_C

- TREES 20416 AND 20245 ARE 15.4' APART. PROPOSED REALIGNMENT PROTECTS TREES.

EX. CONSERVATION AREA #3 ESMT (DB. 13380, PG. 42)

- EXISTING MEANDER VERY TIGHT. PROPOSED MEANDER SIZE MINIMIZES TREE IMPACTS.

TREE 20285 IS LEANING ONTO ADJACENT TREE.

MISS UTILITY MARKINGS 02/20/2009
ELECTRIC AND TELEPHONE

- DO NOT REMOVE TREES ON RIGHT BANK (21165) FILL IN AND AROUND ROOTS TO STABILIZE.

2

- WALL WITH FENCE (BRIDGE RAILING) PROPOSED NEAR TRAIL TO MINIMIZE TREE IMPACT ON INNER BANK.

EL. 364.00
EL. 363.50
EL. 363.00
EL. 362.00

TREE 22035 IS LEANING, (REQUESTED BY HOMEOWNER)

MATCHLINE C

STREAM LENGTH:
REACH 4A = 2,417'
TRIBUTARY 1 = 307'
TRIBUTARY 2 = 233'
TOTAL = 2,957'

6

REACH 4 - PROPOSED BRIDGE DIMENSIONS

REACH NAME	WSSI ID#	RESTON PLAC. #	BANKFULL WIDTH (FT)	EXISTING		PROPOSED	
				LENGTH (FT)	WIDTH (FT)	LENGTH (FT)	WIDTH (FT)
REACH 4A	14	12	16	21	4	NOT TO BE REPLACED	
	15	63	16.5	20	10	26	10
	16	62	18	18	10	28	10
	28	N/A (NEW)	11.5	N/A	N/A	22	10
REACH 4B	17	59	19	19.5	10	28	10
	18	60	6	14	10	NOT TO BE REPLACED	
	19	57	21	18	10	28	10

NOTES:
1. BOTTOM OF BRIDGE DECK TO BE 2 FT HIGHER THAN BANKFULL DEPTH

3

REACH 4A LEGEND

- PROPERTY BOUNDARY
- EXISTING CONTOURS (0.5')
- EXISTING INFRASTRUCTURE
- FLOODPLAIN EASEMENT
- NONPERENNIAL STREAM (EXISTING TOP OF BANK)
- PERENNIAL STREAM (EXISTING TOP OF BANK)
- PROPOSED TOP OF BANK
- PROPOSED CENTERLINE
- PROPOSED CONTOURS (0.5')
- LOC — LIMITS OF CLEARING
- ACCESS PATH
- NEST
- CAVITY
- SUBSURFACE EROSIONAL FEATURE
- SNAG
- DEN
- TREE TO BE REMOVED

6

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET) 1 inch = 30 feet

NORTHERN VIRGINIA STREAM RESTORATION BANK
THE GLADE - REACH 4A

Fairfax County, Virginia

Preliminary Plan

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REVISIONS

No.	Date	Description	Rev. By	App. By	No.	Date	Description	Rev. By	App. By
1	3/23/2009	Revised Limits of Clearing and Access Path	KLS	FRG	6	3/23/2009	Revised legend and stream lengths	KLS	FRG
2	3/23/2009	Fine grading around bridges and walls.	KLS	FRG	9	3/23/2009	Revised bankfull width and depth.	KLS	FRG
3	3/23/2009	Added Bridge Table	KLS	FRG	10	3/23/2009	Do not remove identified trees in LOC	KLS	FRG
5	3/23/2009	Added trees to be removed (20285, 22035, 33158, 20201, 20307, 21171, 21174, 21175, 21177)	KLS	FRG					

H. D.: VCS NAD 83 V. D.: NGVD 29
Boundary and Topo Source: WSSI and Fairfax Digital Data

Design	Draft	Approved
KLS	KLS	FRG

Sheet # 2 of 3

DATE: MARCH 7, 2009 SCALE: 1" = 30'

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