

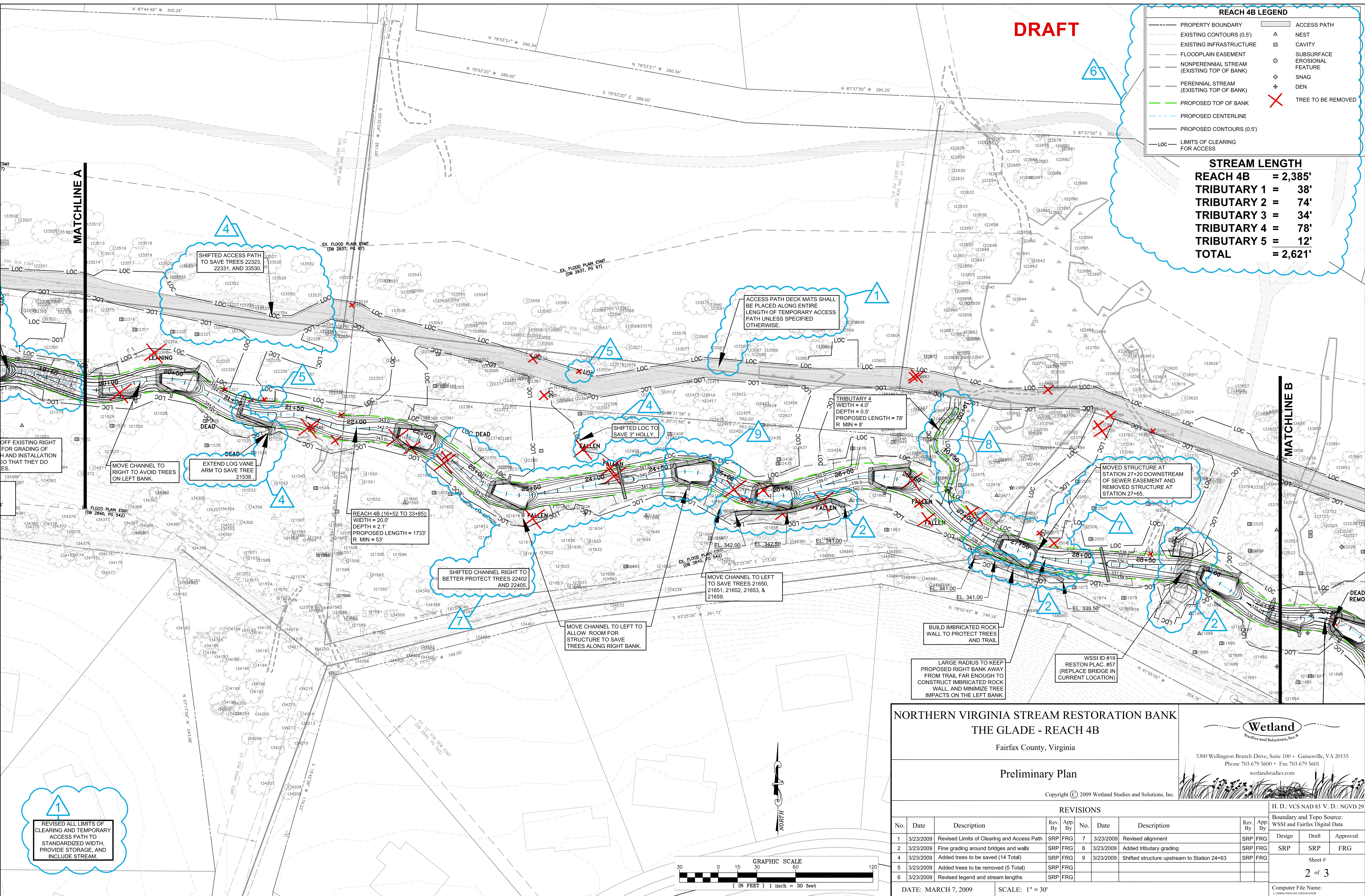
DRAFT

**REACH 4B LEGEND**

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

**STREAM LENGTH**

REACH 4B	= 2,385'
TRIBUTARY 1	= 38'
TRIBUTARY 2	= 74'
TRIBUTARY 3	= 34'
TRIBUTARY 4	= 78'
TRIBUTARY 5	= 12'
<b>TOTAL</b>	<b>= 2,621'</b>



OFF EXISTING RIGHT FOR GRADING OF HAND INSTALLATION SO THAT THEY DO ES.

MOVE CHANNEL TO RIGHT TO AVOID TREES ON LEFT BANK.

EXTEND LOG VANE ARM TO SAVE TREE 21538.

REACH 4B (16+52 TO 33+85) WIDTH = 20.0' DEPTH = 2.1' PROPOSED LENGTH = 1733' R MIN = 53'

SHIFTED CHANNEL RIGHT TO BETTER PROTECT TREES 22402 AND 22405.

MOVE CHANNEL TO LEFT TO ALLOW ROOM FOR STRUCTURE TO SAVE TREES ALONG RIGHT BANK.

MOVE CHANNEL TO LEFT TO SAVE TREES 21650, 21651, 21652, 21653, & 21659.

SHIFTED LOC TO SAVE 3" HOLLY.

TRIBUTARY 4 WIDTH = 4.0' DEPTH = 0.5' PROPOSED LENGTH = 78' R MIN = 8''

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

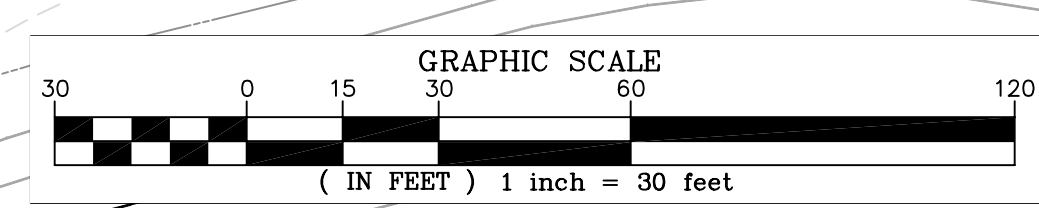
MOVED STRUCTURE AT STATION 27+20 DOWNSTREAM OF SEWER EASEMENT AND REMOVED STRUCTURE AT STATION 27+65.

BUILD IMBRICATED ROCK WALL TO PROTECT TRAIL AND TRAIL

LARGE RADIUS TO KEEP PROPOSED RIGHT BANK AWAY FROM TRAIL FAR ENOUGH TO CONSTRUCT IMBRICATED ROCK WALL AND MINIMIZE TREE IMPACTS ON THE LEFT BANK.

WSSI ID #19 RESTON PLAC. #57 (REPLACE BRIDGE IN CURRENT LOCATION)

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



**NORTHERN VIRGINIA STREAM RESTORATION BANK**  
**THE GLADE - REACH 4B**

Fairfax County, Virginia

Preliminary Plan

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REVISIONS						H. D.: VCS NAD 83 V. D.: NGVD 29			
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	SRP	FRG	7	3/23/2009	Revised alignment	SRP	FRG
2	3/23/2009	Fine grading around bridges and walls	SRP	FRG	8	3/23/2009	Added tributary grading	SRP	FRG
4	3/23/2009	Added trees to be saved (14 Total)	SRP	FRG	9	3/23/2009	Shifted structure upstream to Station 24+63	SRP	FRG
5	3/23/2009	Added trees to be removed (5 Total)	SRP	FRG					
6	3/23/2009	Revised legend and stream lengths	SRP	FRG					

Boundary and Topo Source: WSSI and Fairfax Digital Data

Design Draft Approved

Sheet #

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Computer File Name:

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