

REACH 4B LEGEND

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

STREAM LENGTH

REACH 4B = 2,385'

TRIBUTARY 1 = 38'

TRIBUTARY 2 = 74'

TRIBUTARY 3 = 34'

TRIBUTARY 4 = 78'

TRIBUTARY 5 = 12'

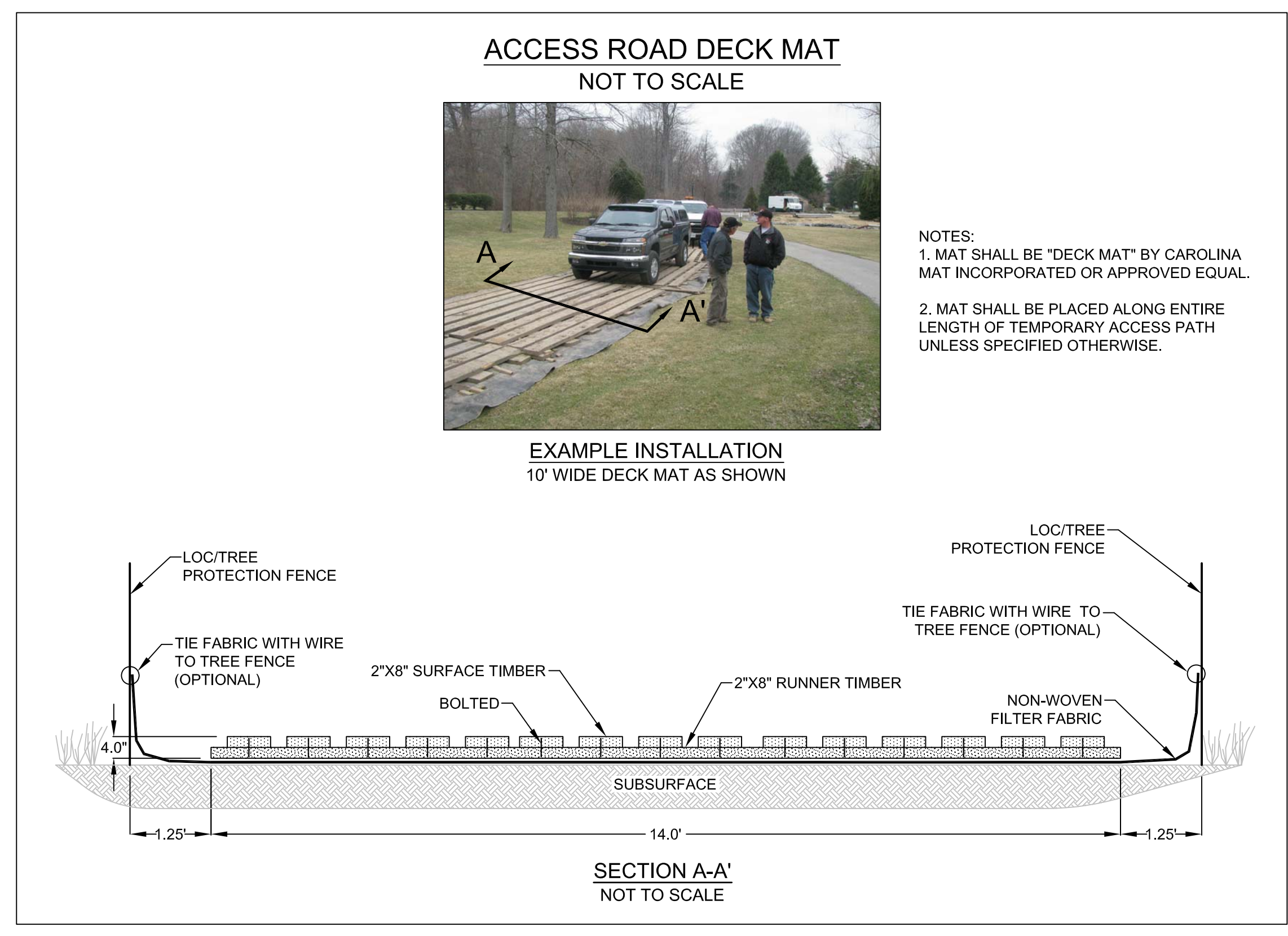
TOTAL = 2,621'

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

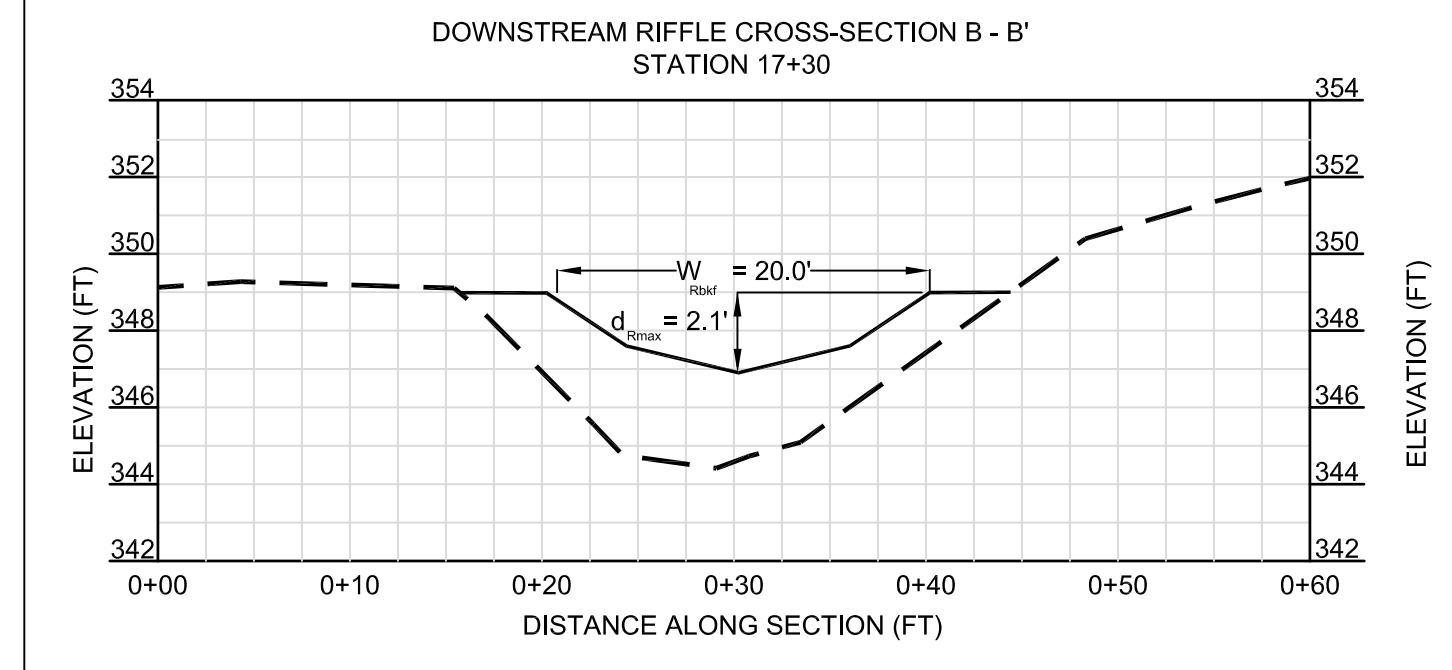
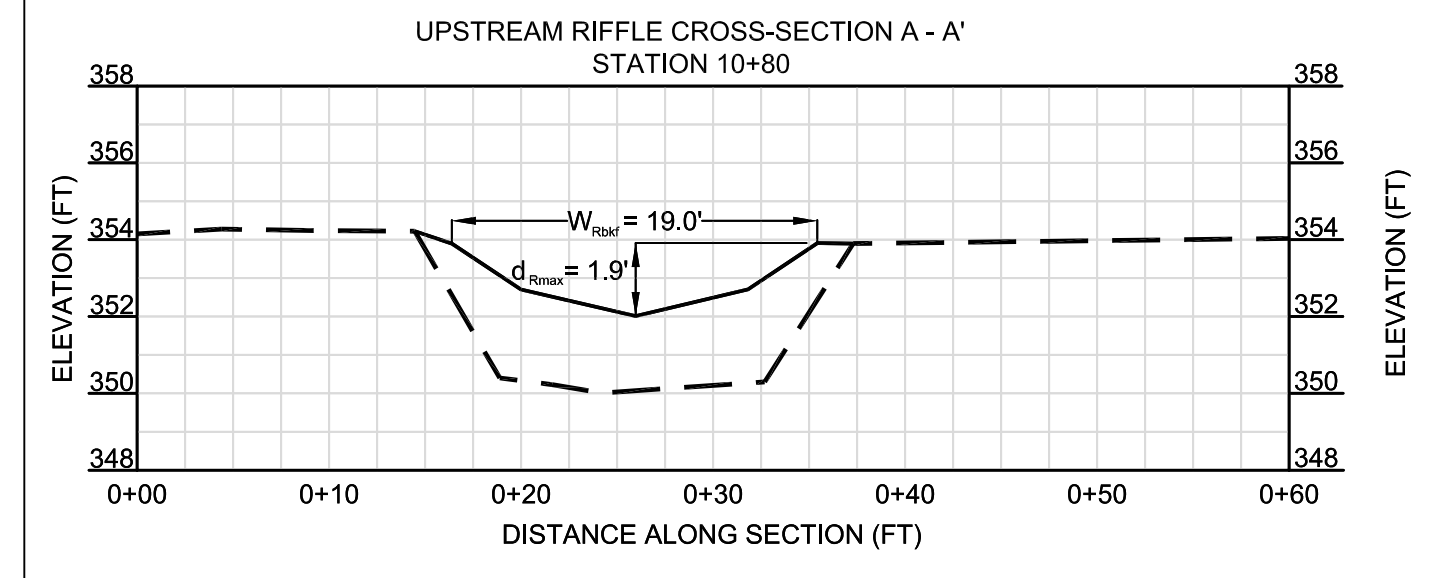
REACH 4 - PROPOSED BRIDGE DIMENSIONS

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	20	18	10	28	10

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



NOTES:
 1. MAT SHALL BE "DECK MAT" BY CAROLINA MAT INCORPORATED OR APPROVED EQUAL.
 2. MAT SHALL BE PLACED ALONG ENTIRE LENGTH OF TEMPORARY ACCESS PATH UNLESS SPECIFIED OTHERWISE.



CROSS SECTION LEGEND
 PROPOSED STREAM
 EXISTING STREAM

SCALE: H/V: 2:1

NORTHERN VIRGINIA STREAM RESTORATION BANK
THE GLADE - REACH 4B
 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	SRP	FRG	6	3/23/2009	Revised legend and stream lengths	SRP	FRG
2	3/23/2009	Fine grading around bridges and walls	SRP	FRG	8	3/23/2009	Added tributary grading	SRP	FRG
3	3/23/2009	Revised bridge table	SRP	FRG	10	3/23/2009	Clear debris from concrete ditch	SRP	FRG
4	3/23/2009	Added trees to be saved (14 Total)	SRP	FRG	11	3/23/2009	Decreased stepool depth	SRP	FRG
5	3/23/2009	Added trees to be removed (5 Total)	SRP	FRG	12	3/31/2009	Added missing revision cloud	SRP	FRG
6	3/23/2009	Revised legend and stream lengths	SRP	FRG	16	3/31/2009	Place double deck mats through wetland area	SRP	FRG

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

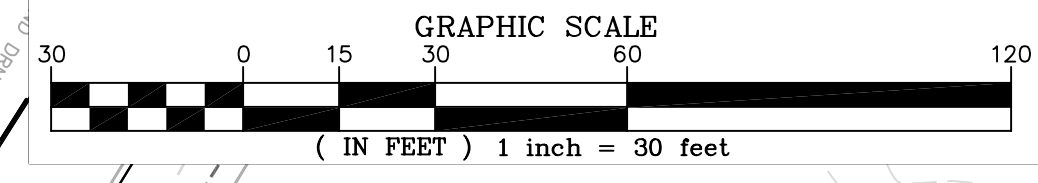
H. D.: VCS NAD 83 V. D.: NGVD 29

Boundary and Topo Source: WSSI and Fairfax Digital Data

Design	Draft	Approved
SRP	SRP	FRG

Sheet #
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Computer File Name:
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REVISED ALL LIMITS OF CLEARING AND TEMPORARY ACCESS PATH TO STANDARDIZED WIDTH, PROVIDE STORAGE, AND INCLUDE STREAM.