

**STREAM LENGTH
REACH 5 = 3,286'**

REACH 5 33+50 TO 39+55
WIDTH = 23.0'
DEPTH = 2.3'
PROPOSED LENGTH = 605'
R_{MIN} = 58'

STREAM REALIGNED
AWAY FROM TRAIL

INSTALL TEMPORARY GATE. GATE SHALL BE
CLOSED AND LOCKED DURING CONSTRUCTION
HOURS. OUTSIDE OF CONSTRUCTION HOURS
THE GATE SHALL REMAIN OPEN TO ALLOW
PEDESTRIAN TRAFFIC ALONG TRAIL

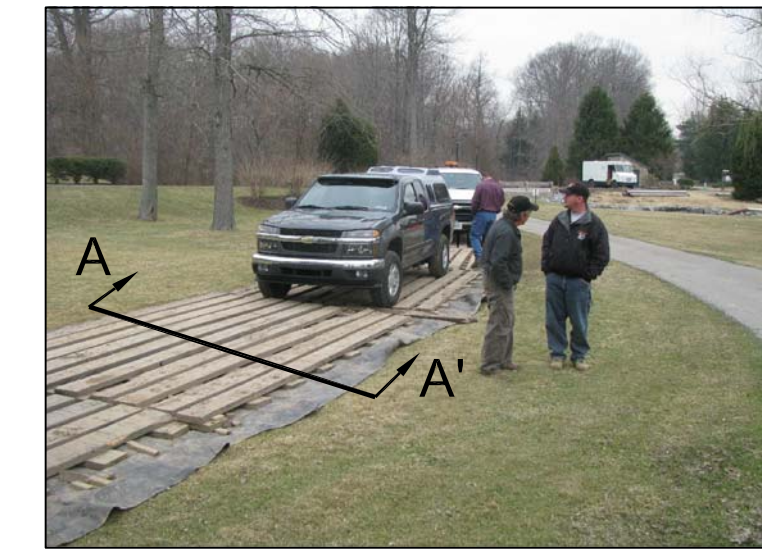
MOVE LOG INTO
FLOODPLAIN AND
SECURE WITH DUCKBILL
ANCHORS.

REVISED LIMITS OF
CLEARING AND
TEMPORARY ACCESS
PATH.

REACH 5 LEGEND

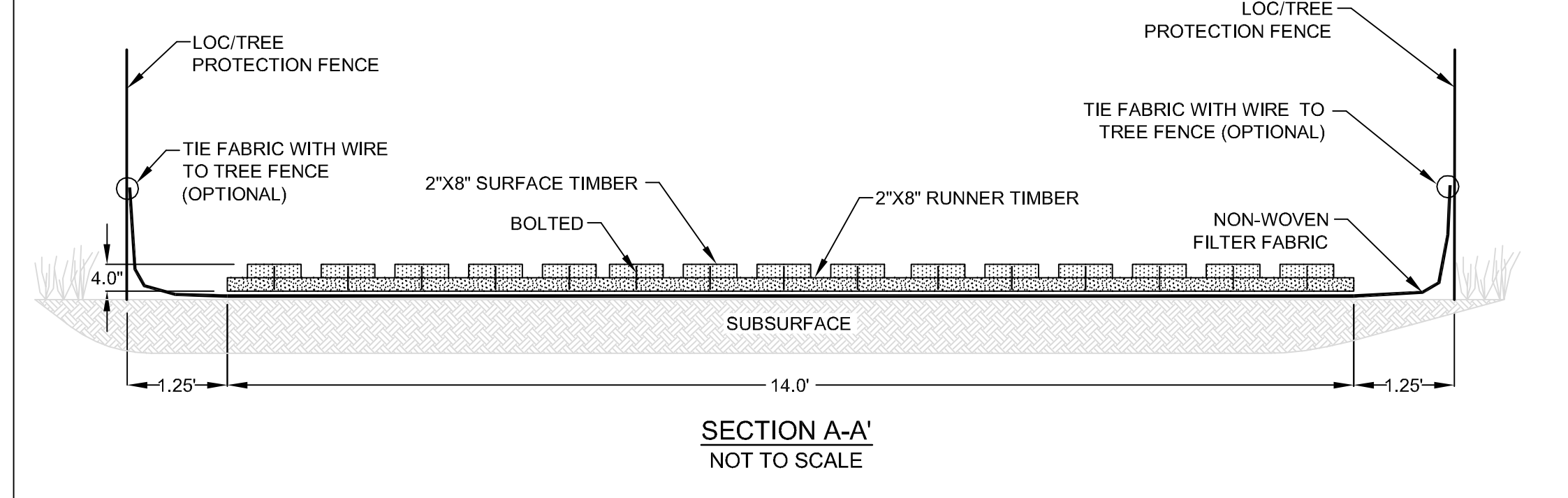
—	PROPERTY BOUNDARY & STREAM ESMNT, TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT	▲	NEST
---	STREAM ESMNT, TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT	□	CAVITY
---	EXISTING CONTOURS (0.5')	○	SUBSURFACE EROSIONAL FEATURE
---	EXISTING INFRASTRUCTURE	◆	SNAG
---	FLOODPLAIN EASEMENT	+	DEN
---	NONPERENNIAL STREAM (EXISTING TOP OF BANK)	~	TREE DRIPLINE
---	PERENNIAL STREAM (EXISTING TOP OF BANK)	—	ACCESS PATH
---	JURISDICTIONAL WETLAND AREAS	✗	TREE TO BE REMOVED
---	LTS - LIMITS OF TREE SURVEY		
---	PROPOSED TOP OF BANK		
---	PROPOSED CENTERLINE		
---	PROPOSED CONTOURS (0.5')		
---	LOC-TP - LIMITS OF CLEARING / TREE PROTECTION		

**ACCESS PATH DECK MAT
NOT TO SCALE**

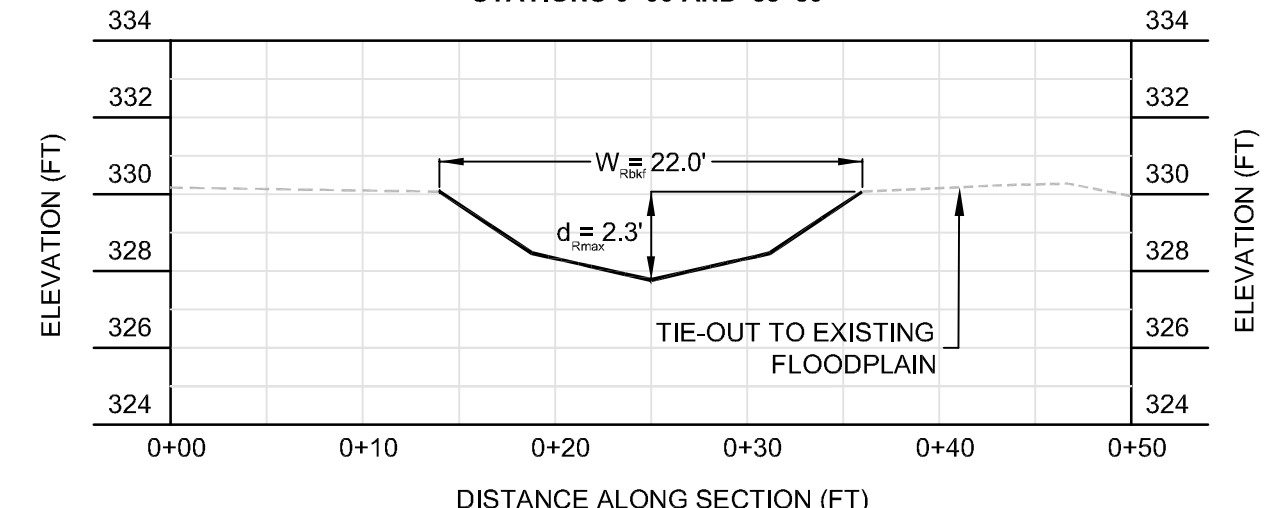


**EXAMPLE INSTALLATION
10' WIDE DECK MAT AS SHOWN**

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



**TYPICAL PROPOSED RIFFLE CROSS SECTION
STATIONS 0+00 AND 33+50**



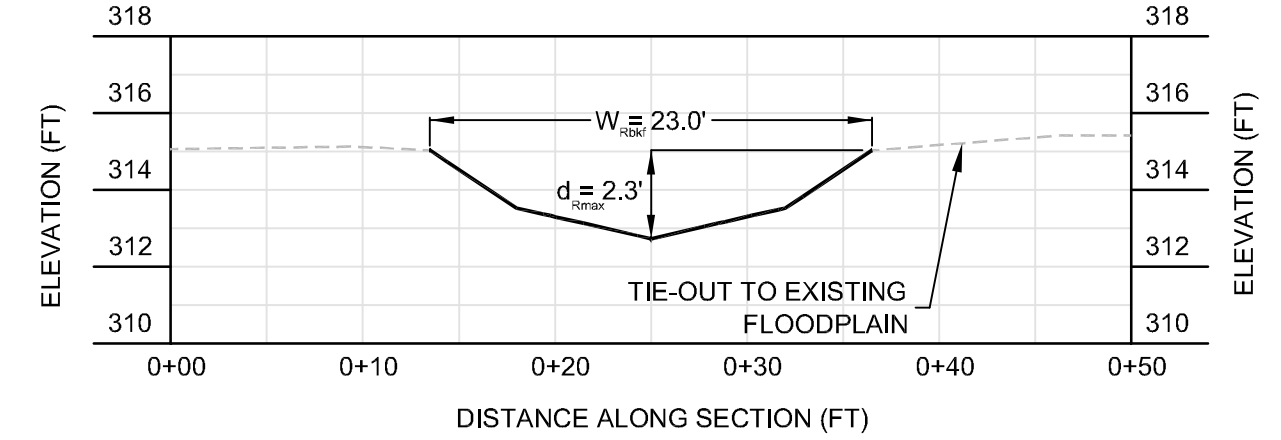
**CROSS SECTION
LEGEND**

— PROPOSED STREAM
--- EXISTING FLOODPLAIN

SCALE:
H/V: 2:1

* ELEVATIONS ARE
RELATIVE

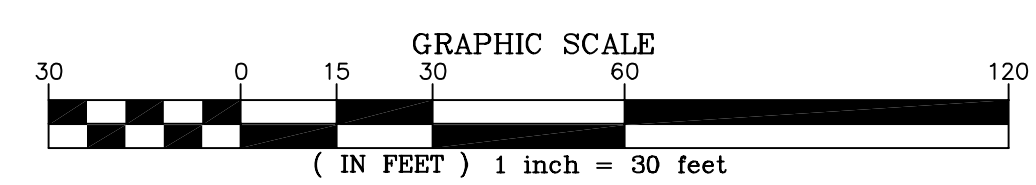
**TYPICAL PROPOSED RIFFLE CROSS SECTION
STATION 33+50 AND 39+55**



REACH 5 - PROPOSED BRIDGE DIMENSIONS

REACH NAME	WSSI ID#	RESTON PLAC. #	BANKFULL WIDTH (FT)	EXISTING		PROPOSED	
				LENGTH (FT)	WIDTH (FT)	LENGTH (FT)	WIDTH (FT)
REACH 5	21	N/A	22	24.5	4	40	6
	22	109	N/A	20.5	9.5	NOT TO BE REPLACED	
	23	48	22	20	4	40	6
	24	47	23	18	10	40	10

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



**NORTHERN VIRGINIA STREAM RESTORATION BANK
THE GLADE - REACH 5**
Fairfax County, Virginia

PRELIMINARY PLAN

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

REVISIONS									
No.	Date	Description	Rev. By	App. By	No.	Date	Description	Rev. By	App. By
1	7/24/2009	Revised limits of clearing and access path	KLS	FRG					
2	7/24/2009	Revised alignment; stream lengths	KLS	FRG					
3	7/24/2009	Fine grading around bridges and walls, and specified batter (as needed); added spot shots	KLS	FRG					
4	7/24/2009	Add trees to be removed (23484)	KLS	FRG					
7	7/31/2009	Added temp. mulch trail, revised LOC	KLS	FRG					

Boundary and Topo Source: WSSI and Fairfax Digital Data

Design	Draft	Approved
KLS	KLS	FRG

Sheet #
4 of 4

Computer File Name:
L:\2009\2009\03\000A-DCR-10-071-04\FinalPlan.dwg

DATE: JUNE 27, 2009 SCALE: 1" = 30' C.I. = 0.5'