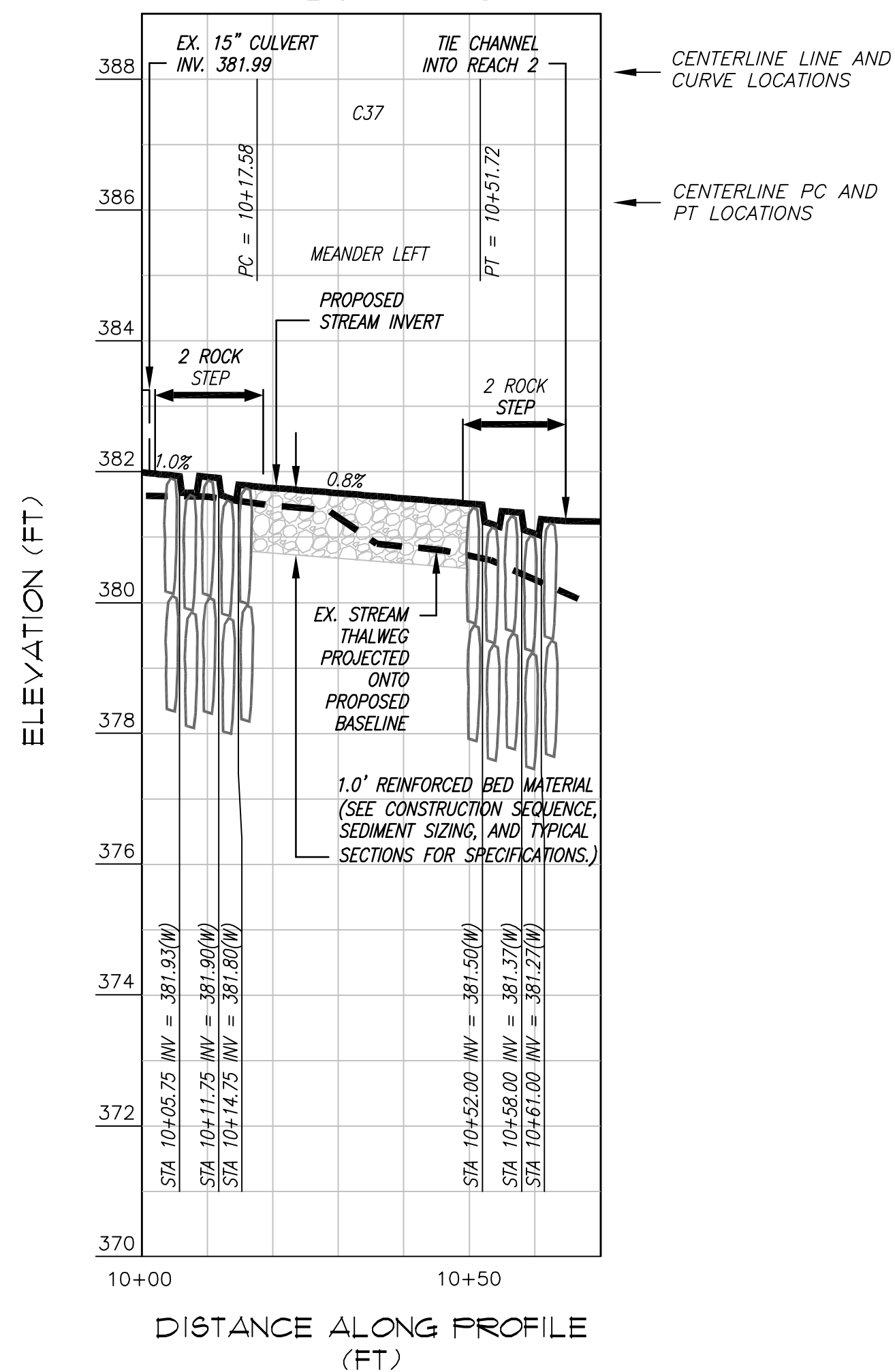


GRADING LEGEND	
	EASEMENTS FOR STREAM, TEMPORARY GRADING AND CONSTRUCTION, INGRESS-EGRESS
	EXISTING CONTOURS (0.5')
	EXISTING INFRASTRUCTURE
	EXISTING EASEMENTS
	PROPOSED CONTOURS (0.5')
	PROPOSED STREAM CENTERLINE
	LIMITS OF CLEARING
	PROPOSED BANKFULL CHANNEL LIMITS
	PROPOSED BANKFULL BENCH LIMIT
	EXISTING CHANNEL BACKFILL AREAS
	RIPRAP
	REINFORCED BED (SEE SPECIFICATION SHEET)
	BANKFULL BENCH
	PROPOSED ROCK WEIR
	PROPOSED ROCK STEP
	PROPOSED CROSS VANE
	PROPOSED MODIFIED CROSS VANE
	PROPOSED LOG VANE
	PROPOSED STEP POOL
	PROPOSED TWO-STEP CROSS VANE
	PROPOSED TWO-STEP MODIFIED CROSS VANE

LONGITUDINAL PROFILE
TRIBUTARY 3



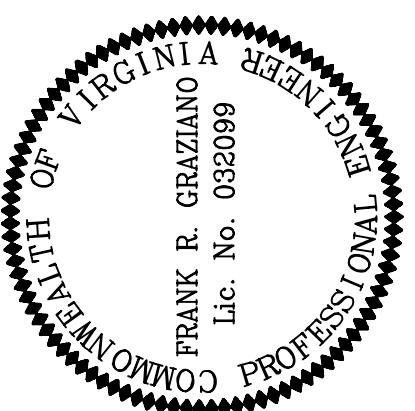
PROFILE LEGEND	
	EXISTING STREAM INVERT PROJECTED TO PROPOSED CENTERLINE
	PROPOSED STREAM INVERT ALONG PROPOSED CENTERLINE
	STRUCTURE ROCKS
	REINFORCED BED (SEE SPECIFICATION SHEET)
	EARTH FILL (SEE SPECIFICATION SHEET)
	PC & PT LOCATIONS WITH LINE OR CURVE DESIGNATION REFERENCED FROM STAKEOUT DATA
	PROPOSED BRIDGE (SEE BRIDGE DETAIL SHEET FOR SPECIFICATIONS)
	EXISTING SANITARY / UTILITY CROSSING

GRADING NOTES:

- PROPOSED CONTOURS ARE INTENDED TO DEPICT OVERALL GRADING CONCEPT. DUE TO IRREGULARITY OF ROCK SHAPES, CONTOURS DEPICTING POOL GRADING WITHIN STRUCTURES ARE APPROXIMATE. SPECIFICATIONS FOR GRADING IN VICINITY OF STRUCTURES ARE PROVIDED ON THE TYPICAL SECTIONS AND CONSTRUCTION DETAILS SHEETS. THE SPECIFICATIONS IN THE CONSTRUCTION DETAILS TAKE PRECEDENCE OVER THE CONTOURS DEPICTED ON THE GRADING PLAN.
- TREE PROTECTION FENCING SHALL BE PLACED AROUND ALL AREAS OF TREES TO BE PRESERVED ADJACENT TO THE LIMITS OF CLEARING AND GRADING.
- IT IS ASSUMED THAT ALL TREES WITHIN THE LIMITS OF CLEARING WILL BE REMOVED. IN THE EVENT THAT THE CONTRACTOR BELIEVES A TREE WITHIN THE LOC COULD BE SAVED, THE CONTRACTOR SHALL CONTACT WETLAND STUDIES AND SOLUTIONS, INC. AND HAVE THE PROJECT ENGINEER DETERMINE IF THE TREE SHOULD BE SAVED OR REMOVED.
- REFER TO GEOMETRY DETAILS AND PLAN FOR ALL STREAM INFORMATION (INCLUDING TRAVERSE LOCATIONS AND ELEVATIONS).
- ALL STREAM BEDS REQUIRE 1.0 FT OF REINFORCED BED MATERIAL. FOR CLARITY, IT IS NOT SHOWN IN STREAM BEDS WHERE GRADING IS DEPICTED.

LONGITUDINAL PROFILE
SCALE: H: 1" = 20'
V: 1" = 2'

Northern Virginia Stream Restoration Bank
The Glade - Reach 2
Fairfax County, Virginia



REVISIONS	
No.	Description
1	12/08 REVISED LOG/TEMP. ACCESS PATH
5	12/08 REMOVED TRIB 2 AND UPSTREAM TRIB 1

App. By	
Rev. By	
Design	JBP
Draft	JBP
Approved	FRG

Horizontal Datum: VCS NAD 83
Vertical Datum: NGVD 29
Boundary and Topo Source: WSSI and Fairfax Digital Data

Sheet #
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Computer File Name: 1:20062002-C60405ENR-01Plan-GRADING PLAN & PROFILE.LST

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