PROPOSED STREAM LENGTH:

BUTTERMILK CREEK	=	1,440'
TRIBUTARY #1	=	227'
TRIBUTARY #2	=	120'
TRIBUTARY #3	=	54'
TOTAL STREAM LENGTH	=	1,841'

PRELIMINARY PLAN LEGEND

- TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT
- PROPOSED STREAM ESMNT
- PROPOSED STREAM ESMNT, TEMP.GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT
- EXISTING CONTOURS (0.5')
- EXISTING INFRASTRUCTURE
- NON-PERENNIAL STREAM (EXISTING TOP OF BANK)
- PERENNIAL STREAM (EXISTING TOP OF BANK)
- LTS — LIMITS OF TREE SURVEY
- PROPOSED BANKFULL TOP OF BANK
- PROPOSED CENTERLINE
- PROPOSED CONTOURS (0.5')
- NEST
- CAVITY
- VERNAL POOL
- SNAG
- DEN
- ACCESS PATH
- TREE TO BE REMOVED
- —LOC—TP— LIMITS OF CLEARING/TREE PROTECTION FENCE
- —x— CHAIN LINK FENCE
- PEDESTRIAN GATE

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET) 1 inch = 30 feet

BARON CAMERON AVENUE

BEGIN RESTORATION AT CULVERT OUTFALL

TIE-IN AND STABILIZE CONCRETE DITCH TO MAINSTEM WITH REINFORCED BED MATERIAL.

12' WIDE BANKFULL BENCH STA. 10+30 TO 13+00. TIES OUT TO EXISTING GRADE AT 3:1 SLOPE

TRIBUTARY 1 (10+00 TO 12+27): BANKFULL CHANNEL DIM. WIDTH = 6.0' DEPTH = 0.5'

12' WIDE BANKFULL BENCH

BUTTERMILK CREEK (10+00 TO 16+60): BANKFULL CHANNEL DIM. WIDTH = 12.0' DEPTH = 1.3'

STAGING AND STOCKPILE AREA

DECK MATS SHALL BE PLACED ALONG ACCESS PATH

STAGING AREA (ON AIR BRIDGES)

EXISTING RPA

PROPOSED RPA

10810 HUNT CLUB RD

TRIBUTARY 2 (10+97 TO 12+17): BANKFULL CHANNEL DIM. WIDTH = 8.5' DEPTH = 0.7'

PROPOSED BRIDGE DECK TO BE PAVED

PROPOSED TRAIL LOCATION.

TIE PROPOSED CHANNEL TO EXISTING GRADE

GATE TO REMAINED CLOSED DURING CONSTRUCTION HOURS

EXISTING BRIDGE TO BE REPLACED OUTSIDE OF SEWER EASEMENT

REMOVE BAMBOO AND REPLANT WITH NATIVE EVERGREEN SCREEN PLANTINGS (ONLY TREES INDICATED SHALL BE REMOVED)

10804 HUNT CLUB RD

HUNT CLUB ROAD

1319 WESTHILLS LN

RESTON ASSOCIATION

RELOCATE GARDEN OUTSIDE OF LOC DURING CONSTRUCTION

TRANSCONTINENTAL GAS PIPELINE CORPORATION RIGHT OF WAY AND ESMT (DB 795, PG 541 AND DB 2163, PG 338)

EXISTING BRIDGE TO BE REPLACED

1323 BUTTERMILK LN

MATCHLINE A - SEE INSET THIS SHEET

MATCHLINE B - SEE SHEET 2

MATCHLINE A - SEE THIS SHEET

1325 WESTHILLS LN

GATE TO REMAINED CLOSED DURING CONSTRUCTION HOURS

RING ROAD

11000 RING RD

SITE ACCESS SHALL BE FROM RING ROAD

DRAFT

Northern Virginia Stream Restoration Bank
Colvin Run - Buttermilk Creek

Fairfax County, Virginia

Preliminary Plan

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Wetland Studies and Solutions, Inc.
5300 Wellington Branch Drive, Suite 100 • Gainesville, VA 20155
Phone 703 679 5600 • Fax 703 679 5601
wetlandstudies.com

REVISIONS

No.	Date	Description	Rev. By	App. By	No.	Date	Description	Rev. By	App. By
1	3/2/2012	Increase width of bankfull bench; add tree 12909 to TBR list.	SRP	FRG					
2	3/2/2012	Specify paving proposed bridge decks	SRP	FRG					
3	3/2/2012	Specify bamboo removal and replanting	SRP	FRG					

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 # 1 of 5

DATE: FEBRUARY 11, 2012 SCALE: 1" = 30' C.I. = 0.5'

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