FOREST EDGE SOUTH LEGEND

- PROPERTY BOUNDARY & STREAM ESMNT, TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT
- STREAM ESMNT, TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT
- PROPOSED STREAM ESMNT, TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT
- PROPOSED TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT
- EXISTING CONTOURS (0.5')
- EXISTING INFRASTRUCTURE
- INTERMITTENT STREAM (EXISTING TOP OF BANK)
- PERENNIAL STREAM (EXISTING TOP OF BANK)
- JURISDICTIONAL WETLAND AREAS
- LTS — LIMITS OF TREE SURVEY
- PROPOSED BANKFULL (TOP OF BANK)
- PROPOSED CENTERLINE
- PROPOSED CONTOURS (0.5')
- LOC–TP — LIMITS OF CLEARING/TREE PROTECTION FENCE
- LOD — LIMITS OF DISTURBANCE FOR BRIDGE INSTALLATION ONLY
- NEST
- CAVITY
- SNAG
- DEN
- TREE DRIPLINE
- ACCESS PATH
- TREE TO BE REMOVED
- EXISTING 100-YR FLOOD ELEVATION
- PROPOSED 100-YR FLOOD ELEVATION
- FLOODPLAIN EASEMENT
- PEDESTRIAN BARRICADE

STREAM LENGTH

REACH 2	=	2,600'
TRIBUTARY 1	=	51'
TRIBUTARY 2	=	28'
TRIBUTARY 3	=	71'
TRIBUTARY 4	=	49'
TRIBUTARY 5	=	33'
TRIBUTARY 6	=	80'
TOTAL	=	2,912'

RING ROAD (50' R/W)

NORTH SHORE DRIVE (50' R/W)

EX. TRANSCONTINENTAL GAS PIPE LINE CORP. ESMT (D.B. 2163, PG. 388 AND D.B. 3274, PG. 298)

RESTON SECTION 5 BLOCK 10 RESTON COMMUNITY POOL

SITE ACCESS PROVIDED THROUGH POOL PARKING LOT. ACCESS PATH SHALL UTILIZE EXISTING PAVED TRAIL THROUGH GAS EASEMENT.

EX. CONC. END SECTION TO BE REMOVED AND TRIBUTARY IS TO BE CONSTRUCTED WITH A SERIES OF ROCK STEPS AND STEP POOLS FOR DISSIPATION.

FOREST EDGE SOUTH TRIB. 3 (10+00 TO 10+71): BANKFULL CHANNEL WIDTH = 10.0' DEPTH = 1.5' PROPOSED LENGTH = 71'

RIFFLES BETWEEN STRUCTURES TO BE LINED WITH CLASS II RIPRAP UP TO BANKFULL ELEVATION TO PROVIDE PROTECTION OVER SEWER LINES. ROCK WALL TO BE CONSTRUCTED ALONG OUTER BANK, AS SHOWN.

FOREST EDGE SOUTH TRIB. 4 (10+00 TO 10+49): BANKFULL CHANNEL WIDTH = 7.0' DEPTH = 1.0' PROPOSED LENGTH = 49'

FOOTBRIDGE TO BE REPLACED FOLLOWING CONSTRUCTION

BEGIN FOREST EDGE SOUTH

TIE STEP POOLS INTO EXISTING CONCRETE WING WALL

TRIM BRANCHES AS NECESSARY ALONG TEMPORARY ACCESS PATH

STOCKPILE AREAS

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

TEMPORARY STREAM CROSSING

TRIM BRANCHES AS NECESSARY ALONG TEMPORARY ACCESS PATH

RIFFLE FROM STA 16+36 TO 17+45 AND TRIB 4 TO BE LINED WITH CLASS II RIPRAP UP TO BANKFULL (TO PROTECT GAS LINES) AND TOP DRESSED WITH SALVAGED BED MATERIAL

TEMPORARY STREAM CROSSING

MATCHLINE A - SEE SHEET 2

FOREST EDGE SOUTH (10+00 TO 36+00): BANKFULL CHANNEL WIDTH = 18.0' DEPTH = 1.6' PROPOSED LENGTH = 2600'

FOREST EDGE SOUTH TRIB. 2 (10+00 TO 10+28): BANKFULL CHANNEL WIDTH = 6.0' DEPTH = 1.' PROPOSED LENGTH = 71'

SEWER CROSSING TO BE PROTECTED BY PLACING REINFORCED BED MATERIAL DIRECTLY OVER SEWER LINE AND CLASS II RIPRAP FURTHER UPSTREAM AND DOWNSTREAM TO ADJACENT STRUCTURES

EX. CONC. DISSIPATOR TO BE REMOVED AND REPLACED WITH TWO STEP POOLS.

FOREST EDGE SOUTH TRIB. 1 (10+00 TO 10+51): BANKFULL CHANNEL WIDTH = 10.0' DEPTH = 1.4' PROPOSED LENGTH = 51'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET) 1 inch = 30 feet

NORTHERN VIRGINIA STREAM RESTORATION BANK
FOREST EDGE SOUTH

Fairfax County, Virginia

Preliminary Plan

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REVISIONS

No.	Date	Description	Rev. By	App. By	No.	Date	Description	Rev. By	App. By

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

Boundary and Topo Source: WSSI and Fairfax Digital Data

Design	Draft	Approved
MSM	MSM	FRG

Sheet # 1 of 7

DATE: JUNE, 2010 SCALE: 1" = 30' C.I. = 0.5'

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