PRIOR TO CONSTRUCTION, LOC SHALL BE WALKED TO COINFIRM TREE REMOVAL.

RESTON UNITARIAN CHURCH
RESTON ASSOCIATION

WIEHLE AVENUE

WIEHLE SOUTH (10+00 TO 22+38): BANKFULL CHANNEL WIDTH = 20.0' DEPTH = 1.7' PROPOSED LENGTH = 1,238'

TYPICAL STEP POOL SERIES.

PROPOSED TOP OF BANK

PROPOSED 3.5' ROCK WALL

ELIMINATE TIGHT MEANDER.

TIE-IN ROCK STRUCTURE OUTFALL WITH PROPOSED GRADING. USE REINFORCED BED MIX TO TIE-IN TRIBUTARY WITH MAIN STEM.

FILL IN AND AROUND TREE CLUSTER

TIE-IN AND STABILIZE EXISTING SWALE.

TEMPORARY ACCESS PATH

ACCESS PATH DECK MATS SHALL BE PLACED ALONG UNPAVED PORTIONS OF TEMPORARY ACCESS PATH AND ACTIVE CUT-INS.

PROPOSED 1' - 5' ROCK WALL UPSTREAM AND DOWNSTREAM OF CULVERT. WALL SHALL NOT BE CONSTRUCTED WITHIN EXISTING SANITARY EASEMENT.

TYPICAL LOG VANE

PROPOSED 2' - 5' ROCK WALL

PROPOSED 2' ROCK WALL

MATCHLINE A - SEE SHEET 2

WIEHLE SOUTH

TEMPORARY ACCESS PATH

EX. PAVED TRAIL

BASKETBALL COURT

TRASH CAN

LAMP

TALL OAKS ASSISTED LIVING

VILLAS DE ESPANA

BENTAVIA WOODS WEST

MH 9 (RIM=314.88)
MH 10: INV. EL. IN = 302.18 (12")
MH 9A: INV. EL. IN = 311.08 (8")
MH 8: INV. EL. OUT = 302.13 (12")

MH 8 (RIM=312.10)
MH 9: INV. EL. IN = 300.63 (12")
MH 7: INV. EL. OUT = 300.60 (12")

MH 9B (RIM=329.65)
MH 9A: INV. EL. OUT = 318.70 (8")

MH 9A (RIM=320.06)
MH 9B: INV. EL. IN = 316.56 (8")
MH 9: INV. EL. OUT = 312.21 (8")

MH 7 (RIM=304.46)
MH 8: INV. EL. IN = 297.61 (12")
MH 7A: INV. EL. IN = 297.91 (8")
MH 6: INV. EL. OUT = 297.53 (12")

MH 6 (RIM=306.43)
MH 7: INV. EL. IN = 295.91 (12")
MH 5: INV. EL. OUT = 295.87 (12")

MH 7A (RIM=331.77)
MH 7: INV. EL. OUT = 318.65 (8")

MH 4 (RIM=300.72)
MH 5: INV. EL. IN = 287.93
MH 3: INV. EL. OUT = 287.

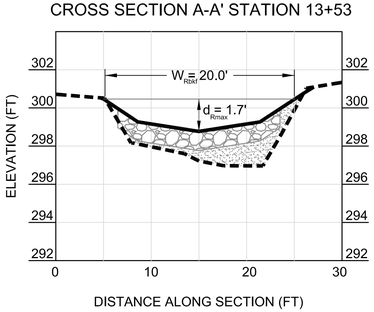
MH 5 (RIM=303.47)
MH 6: INV. EL. IN = 292.47 (12")
MH 4: INV. EL. OUT = 292.42 (12")

DRAFT

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET) 1 inch = 30 feet

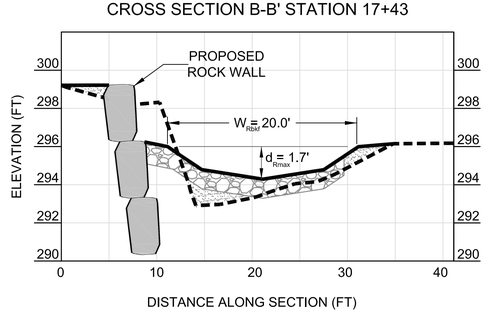
TYPICAL PROPOSED RIFFLE CROSS SECTIONS

CROSS SECTION A-A' STATION 13+53



CROSS SECTION LEGEND
PROPOSED STREAM
EXISTING CHANNEL
CROSS SECTION SCALE: H/V: 2:1

CROSS SECTION B-B' STATION 17+43



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
- FLOODPLAIN EASEMENT
- 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')
- TREES DOWN, DAMAGED, OR REMOVED
- NEST
- CAVITY
- VERNAL POOL
- SNAG
- DEN
- ACCESS PATH
- FPL — EXISTING 100-YR FLOOD ELEVATION
- FPL — PROPOSED 100-YR FLOOD ELEVATION
- LOC–TP — LIMITS OF CLEARING / TREE PROTECTION FENCE
- LOC — LIMITS OF CLEARING
- X–CLF — CHAINLINK FENCE
- TREES TO BE REMOVED
- TREES PROPOSED FOR REMOVAL (SEE NVSRB WIEHLE NORTH STREAM PLAN - PROVIDED UNDER SEPARATE COVER)

NORTHERN VIRGINIA STREAM RESTORATION BANK
COLVIN RUN - WIEHLE 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
KLP	KLP	FRG

Sheet # 1 of 4

DATE: JANUARY 12, 2012 | SCALE: 1" = 30' | C.I. = 0.5'

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