TEMPORARY GATE - REFER TO EROSION AND SEDIMENT CONTROL PLAN FOR DETAILS

CONTRACTOR SHALL BE AWARE THAT THE PROPOSED BRIDGE IS IN CLOSE PROXIMITY TO THE SANITARY SEWER EASEMENT. THE CONTRACTOR SHALL ENSURE THAT NEITHER THE PROPOSED BRIDGE NOR ITS ASSOCIATED STRUCTURES ENCROACH UPON THE SANITARY EASEMENT.

CONTRACTOR SHALL TAKE EXTRA CARE WHEN WORKING AROUND THE EXISTING SANITARY SEWER LINES. CONTRACTOR SHALL NOT SIT EQUIPMENT ON THE LINE, EXCAVATE, OR POUND ROCKS INTO PLACE OVER THE LINE, ETC.

TEMPORARY ACCESS PATH

STA 17+40.84
INV = 297.18

STA 16+85.92
INV = 297.38

STA 18+94.58
INV = 296.25

STA 19+87.50
INV = 295.68

STA 20+78.00
INV = 294.84

STA 21+60.92
INV = 294.48

STA 22+36.28
INV = 294.08

MATCHLINE A - SEE SHEET 3

MATCHLINE B - SEE SHEET 5

CHANNEL STABLE - NO RESTORATION PROPOSED BETWEEN STATIONS 20+00 TO 20+50

WSSI BRIDGE 25 (RESTON BRIDGE PLAQUE 46) - REPLACE EXISTING BRIDGE. SEE BRIDGE DETAILS SHEET FOR DESIGN AND DETAILS. TRAIL SHALL TIE INTO EXISTING TRAILS AS SHOWN AND BE 8' WIDE, 2" THICK TYPE I ASPHALT BIKEWAY WITH 2' SHOULDER PURSUANT TO THE FAIRFAX COUNTY PFM SECTION 8-0000, "SIDEWALKS, TRAILS, AND RECREATION". PROPOSED BRIDGE ELEVATION = 302.64'.

PLACE CLASS II RIPRAP UNDER BRIDGE AT GRADE (AS SHOWN). SPREAD 4 INCHES SALVAGED STREAMBED MATERIAL IN LOW FLOW AND FILL VOIDS WITH TOPSOIL/SAND MIXTURE ABOVE LOW FLOW CHANNEL.

TEMPORARY ACCESS PATH - REFER TO EROSION AND SEDIMENT CONTROL PLAN FOR DETAILS

TEMPORARY GATE - REFER TO EROSION AND SEDIMENT CONTROL PLAN FOR DETAILS

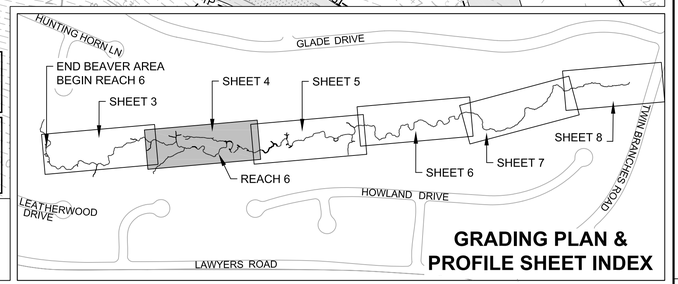
PRIOR TO CONSTRUCTION LOC SHALL BE WALKED WITH WSSI STAFF AND CONTRACTOR TO CONFIRM TREE REMOVAL

CONTACT MISS UTILITY (800-552-7001) PRIOR TO COMMENCING ANY WORK.

WORK TO BE LIMITED TO WITHIN THE EXISTING CHANNEL AS MUCH AS POSSIBLE USING SUITABLE TRACKED EQUIPMENT TO LIMIT IMPACT TO TREES AND OTHERWISE STABLE BANKS.

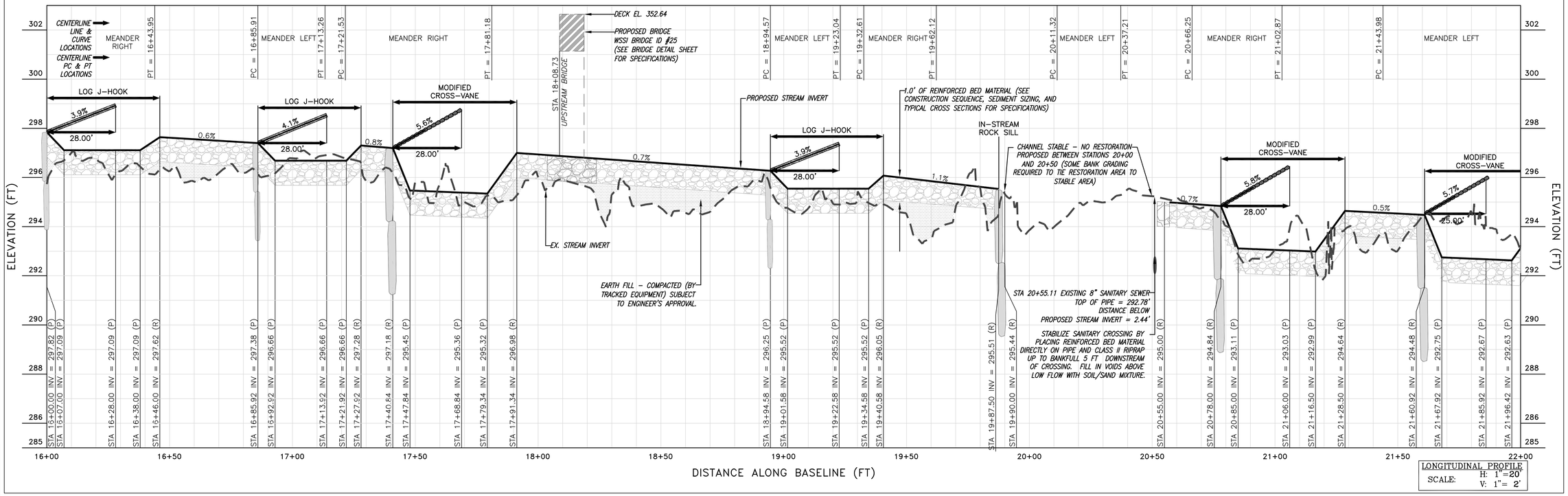
GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET) 1 inch = 20 feet

REFER TO THE FINAL GRADING PLAN AND LONGITUDINAL PROFILE SHEET FOR GRADING AND PROFILE LEGENDS AND NOTES.



GRADING PLAN & PROFILE SHEET INDEX

LONGITUDINAL PROFILE – REACH 6 (STA 16+00 to STA 22+00)



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

Wetland Studies and Solutions, Inc.
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Phone: 703 679 5600 • Fax: 703 679 5601
wetlandstudies.com

Northern Virginia Stream Restoration Bank
The Glade - Reach 6
Fairfax County, Virginia

Grading Plan and Longitudinal Profile

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COMMONWEALTH OF VIRGINIA
FRANK R. GRAZIANO
Lic. No. 032099
PROFESSIONAL ENGINEER

REVISIONS				
No.	Date	Description	Rev. By	App. By

SCALE: 1" = 20'

DATE: SEPTEMBER 2009

Horizontal Datum: VCS NAD 83

Vertical Datum: NGVD 29

Boundary and Topo Source: WSSI and Fairfax Digital Data

Design	Draft	Approved
SRP	SRP	FRG

Sheet # 4 of 94

Computer File Name:
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