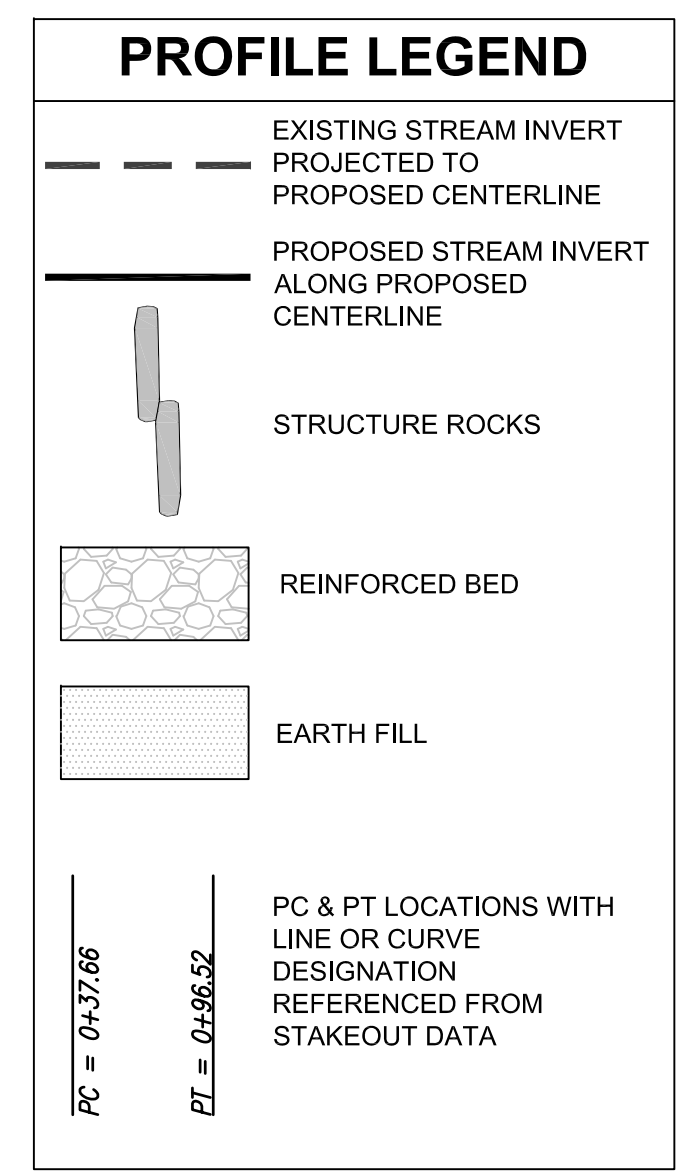
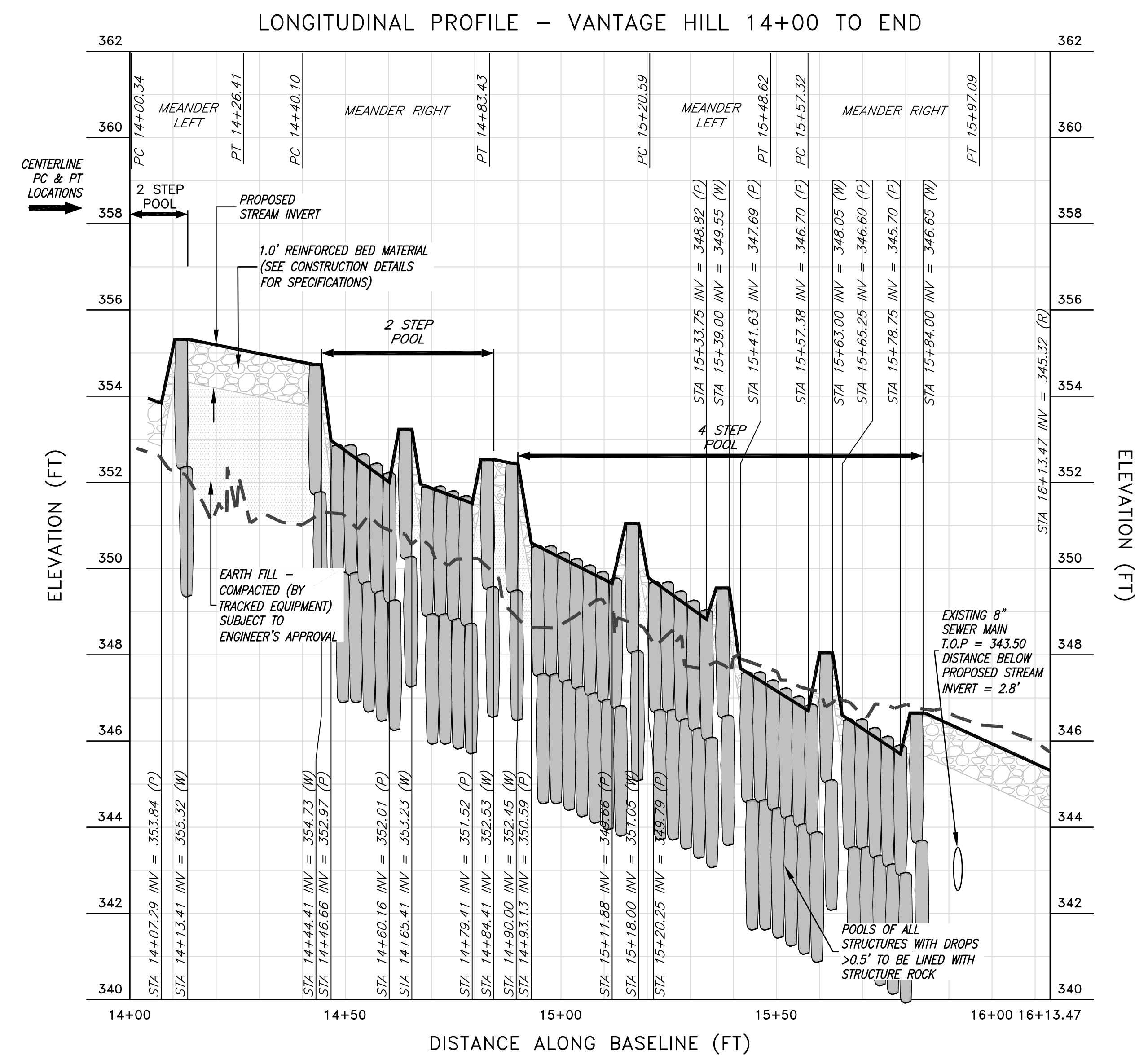


- GRADING NOTES:**
- PROPOSED CONTOURS ARE INTENDED TO DEPICT OVERALL GRADING CONCEPT. DUE TO IRREGULARITY OF ROCK SHAPES, CONTOURS DEPICTING POOL GRADING WITHIN STRUCTURES ARE APPROXIMATE. SPECIFICATIONS FOR GRADING IN VICINITY OF STRUCTURES ARE PROVIDED IN TYPICAL SECTIONS AND CONSTRUCTION DETAILS. 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 NOT BE REMOVED. PRIOR TO CONSTRUCTION THE LIMITS OF CLEARING (LOC) SHALL BE WALKED BY WSSI STAFF TO CONFIRM TREE REMOVAL. 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 THE GEOMETRY PLAN FOR TRAVERSE LOCATIONS AND ELEVATIONS.

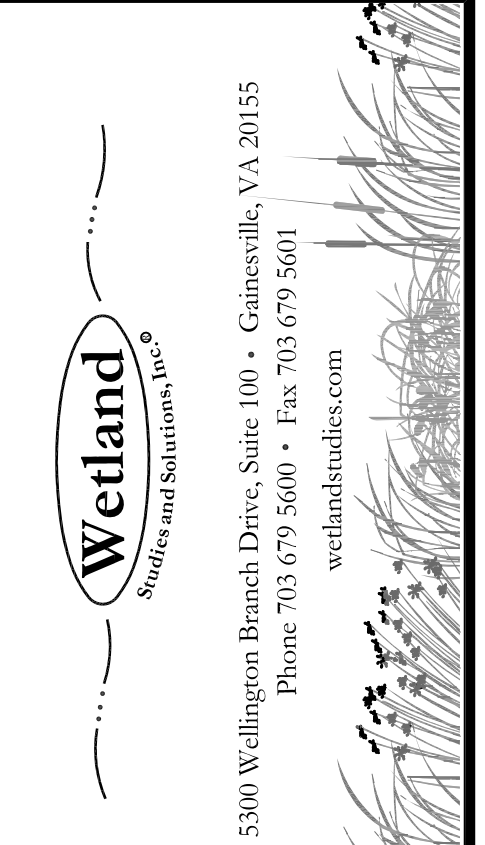
VANTAGE HILL

SUMMARY OF STREAM RESTORATION FEATURES ALONG BASELINE

FEATURE LOCATION PER BASELINE STATION	REFER TO CONSTRUCTION DETAILS FOR DIMENSIONS AND TYPICAL SECTIONS FOR EACH FEATURE TO BE CONSTRUCTED WITHIN THE REACH
FROM TO	STREAM RESTORATION FEATURE
10+00.00 10+23.50	CONSTRUCT RIFFLE
10+23.50 11+31.75	TYPICAL DETAIL STEP POOL
11+31.75 11+70.18	CONSTRUCT RIFFLE
11+70.18 12+16.43	TYPICAL DETAIL STEP POOL
12+16.43 12+45.39	CONSTRUCT RIFFLE
12+45.39 13+26.64	TYPICAL DETAIL STEP POOL
13+26.64 13+62.91	CONSTRUCT RIFFLE
13+62.91 14+14.16	TYPICAL DETAIL STEP POOL
14+14.16 14+42.91	CONSTRUCT RIFFLE
14+42.91 14+85.16	TYPICAL DETAIL STEP POOL
14+85.16 14+88.50	CONSTRUCT RIFFLE
14+88.50 15+84.75	TYPICAL DETAIL STEP POOL
15+84.75 16+13.47	CONSTRUCT RIFFLE



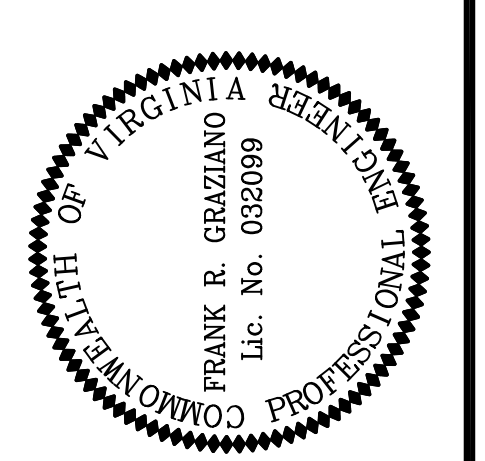
LONGITUDINAL PROFILE
SCALE: H: 1"=20'
V: 1"=2'



Northern Virginia Stream Restoration Bank
Vantage Hill
Fairfax County, Virginia

Grading Plan and Longitudinal Profile (cont'd)
Legends, and Summary of Stream Cross Sections

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REVISIONS

No.	Date	Description	Rev. By	App. By

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

Design: KLP
Draft: CLL
Approved: FRG

Sheet #
4 of 39

Computer File Name:
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GRADING PLAN & PROFILE 12.dwg