



DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NORFOLK DISTRICT
FORT NORFOLK
803 FRONT STREET
NORFOLK VA 23510-1011

September 23, 2019

Northern Virginia Regulatory Section
NAO-2006-02212 (Donaldson Run Trib B)

Arlington County Department of Public Works
c/o Vanasse Hangen Brustlin
Attn: Ian Smith
1775 Greenboro Station Place, Suite 200
Tysons, Virginia 22102

Dear Mr. Smith:

This is in regard to your Department of the Army permit application number NAO-2006-02212 to restore approximately 1,404 linear feet of Donaldson Run Tributary B through natural stream design. The project site is located along Donaldson Run Tributary B between the confluence of Tributary A and North Vermont Street in Arlington County, Virginia. These impacts are detailed on drawings entitled "Donaldson Run Tributary B Stream Restoration" prepared and submitted on behalf of the applicant by Vanasse Hangen Brustlin, Inc. and dated June 2019 (attached).

Your proposed work as outlined above satisfies the criteria contained in the Corps Nationwide Permit (27), attached. The Corps Nationwide Permits were published in the January 6, 2017 Federal Register notice (82 FR 1860) and the regulations governing their use can be found in 33 CFR 330 published in Volume 56, Number 226 of the Federal Register dated November 22, 1991.

This nationwide permit verification is contingent upon the following project specific condition:

1. **Monitoring** for performance shall be conducted for two years (unless the Corps determines monitoring can be reduced). Monitoring reports shall be submitted to the Corps following completion of the project. The first year monitoring report shall include pre-construction and post construction photographs, and each report thereafter shall include post construction photographs.

Provided the project specific condition (above) and the Nationwide Permit General Conditions (enclosed) are met, an individual Department of the Army Permit will not be required. In addition, the Virginia Department of Environmental Quality has provided a **conditional** §401 Water Quality Certification for Nationwide Permit Number 27. A permit may be required from the Virginia Marine Resources Commission and/or your local wetlands board, and this verification is not valid until you obtain their approval, if necessary. This authorization does not relieve your responsibility to comply with local

requirements pursuant to the Chesapeake Bay Preservation Act (CBPA), nor does it supersede local government authority and responsibilities pursuant to the Act. You should contact your local government before you begin work to find out how the CBPA applies to your project.

Enclosed is a *Certificate of Compliance* form which must be signed and returned within 30 days of completion of the project, including any required mitigation. Your signature on this form certifies that you have completed the work in accordance with the Nationwide Permit terms and conditions, as well as any project specific conditions that have been included in this permit.

This verification is valid until the NWP is modified, reissued, or revoked. All of the existing NWPs are scheduled to be modified, reissued, or revoked prior to March 18, 2022. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 330.4(e) and 33 CFR 330.5 (c) or (d). Project specific conditions listed in this letter continue to remain in effect after the NWP verification expires, unless the district engineer removes those conditions. Activities completed under the authorization of an NWP which was in effect at the time the activity was completed continue to be authorized by that NWP.

In granting an authorization pursuant to this permit, the Norfolk District has relied on the information and data provided by the permittee. If, subsequent to notification by the Corps that a project qualifies for this permit, such information and data prove to be materially false or materially incomplete, the authorization may be suspended or revoked, in whole or in part, and/or the Government may institute appropriate legal proceedings.

If you have any questions and/or concerns about this permit authorization, please contact Ms. Theresita Crockett-Augustine via telephone at (757) 201-7194 or via email at theresita.m.crockett-augustine@usace.army.mil.

Sincerely,

Theresita Crockett-Augustine

Digitally signed by Theresita Crockett-Augustine
Date: 2019.09.23 13:30:11 -04'00'

Theresita Crockett-Augustine
Environmental Scientist
Northern Virginia Regulatory Section

Enclosures:

Drawings

Certificate of Compliance



U.S. Army Corps
Of Engineers
Norfolk District

**CERTIFICATE OF COMPLIANCE
WITH
ARMY CORPS OF ENGINEERS PERMIT**

Permit Number: NAO-2006-02212 (Donaldson Run Trib B)

VMRC Number:

Corps Contact: Theresita Crockett-Augustine

Name of Permittee: Arlington County Department of Public Works

Date of Issuance: September 23, 2019

Permit Type: NWP #27

Within 30 days of completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

US Army Corps of Engineers - Norfolk District
Northern Virginia Field Office
18139 Triangle Plaza, Suite 213
Dumfries, Virginia 22026
Attn: Ms. Theresita Crockett-Augustine

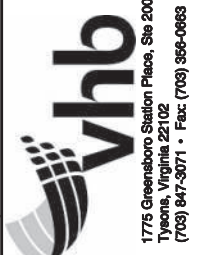
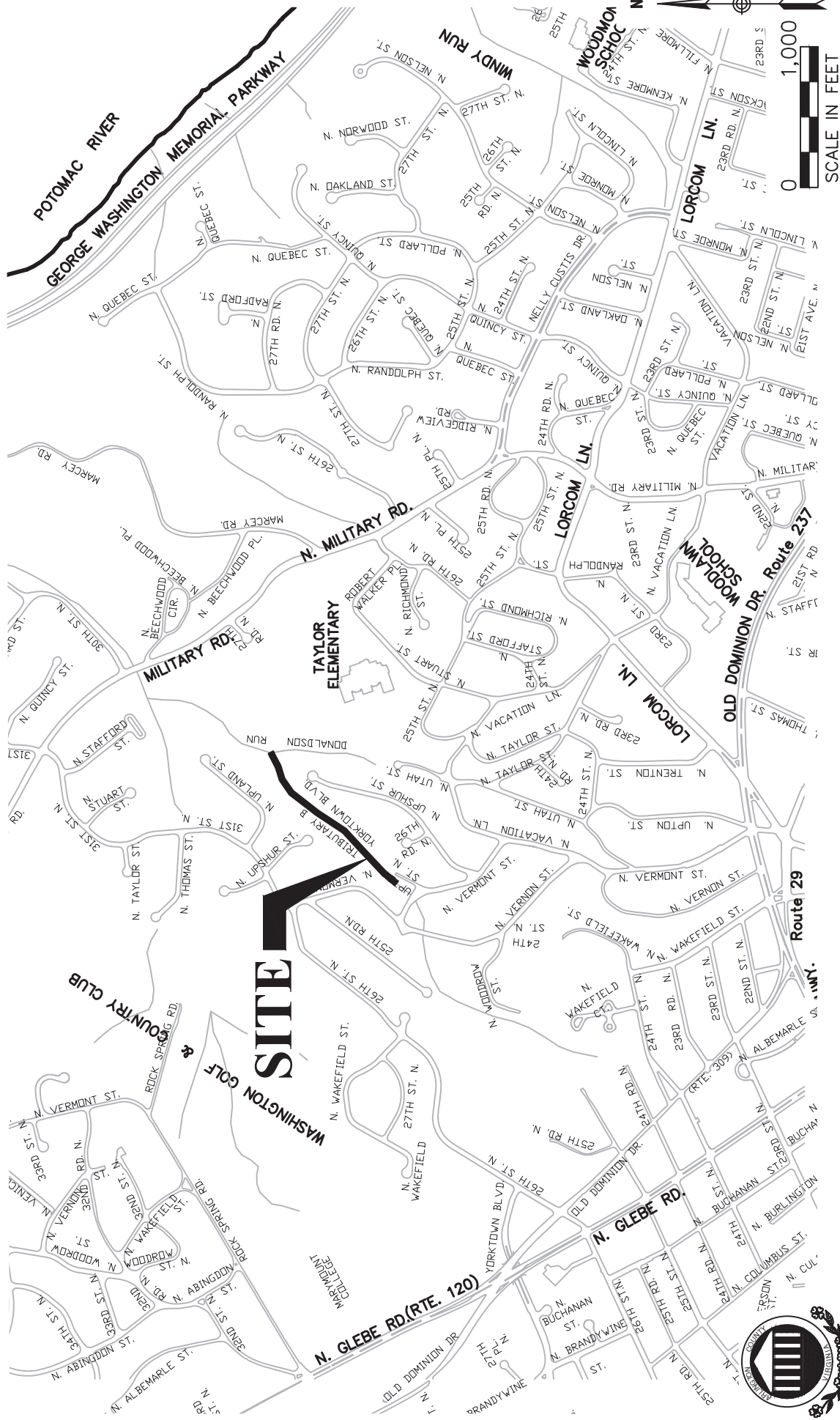
Or scan and send via email to theresita.m.crockett-augustine@usace.army.mil

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification or revocation.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation has been completed in accordance with the permit conditions.

Signature of Permittee

Date



ADJACENT PROPERTY OWNERS: N/A

DATUM: NAD83 / NAVD 88

DONALDSON RUN TRIBUTARY B STREAM RESTORATION

SITE MAP

AT: COUNTRY CLUB VIEW

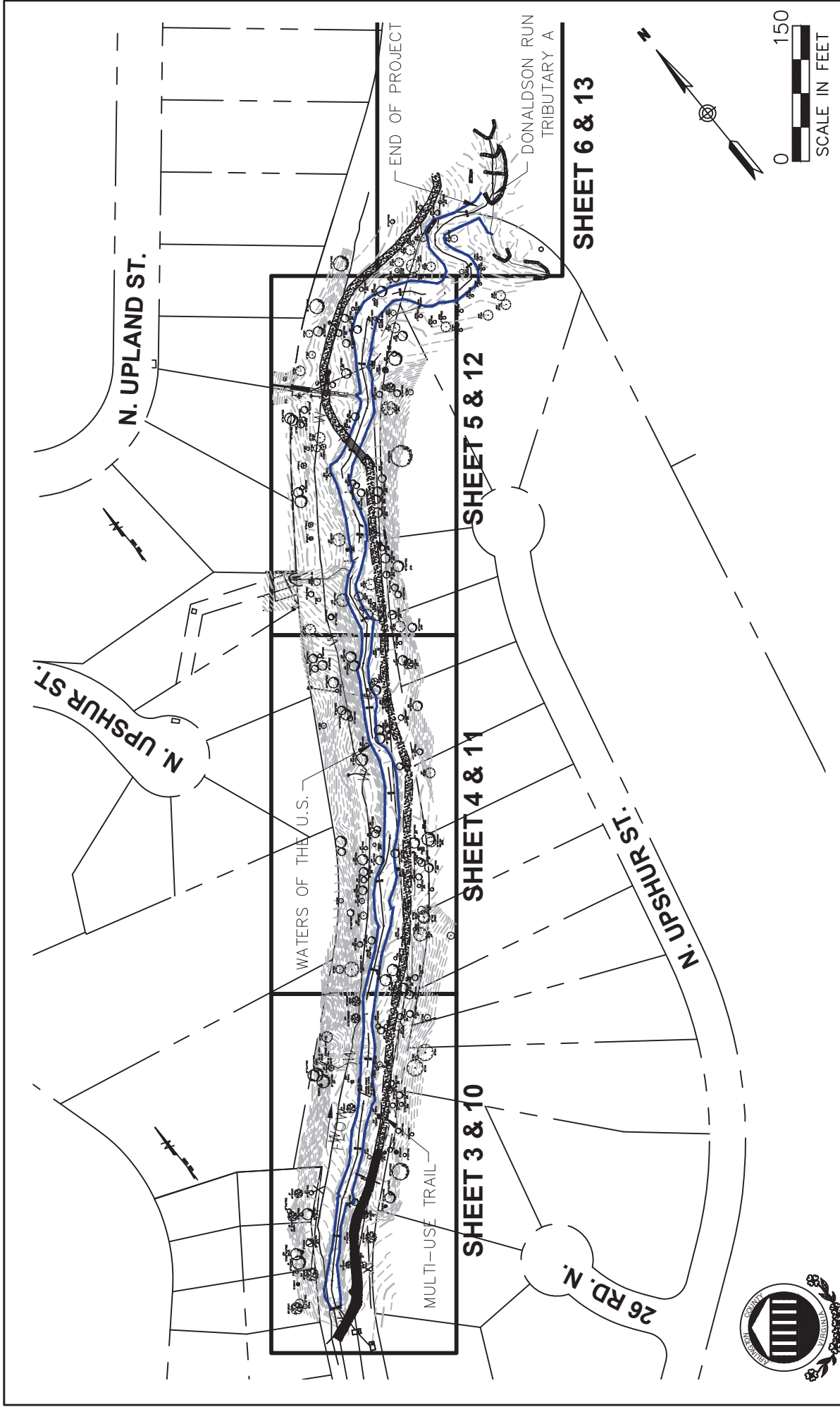
IN: ARLINGTON COUNTY, VIRGINIA


PURPOSE: STREAM RESTORATION

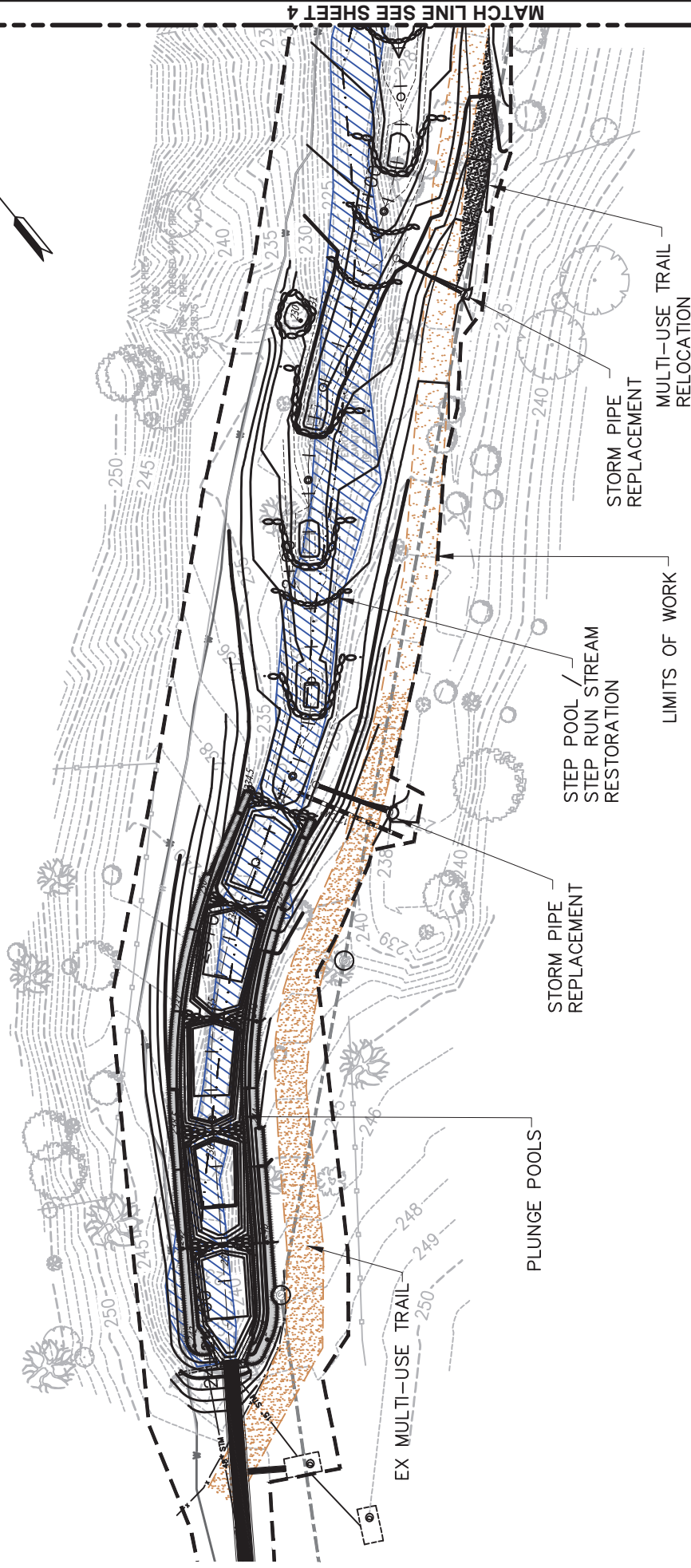
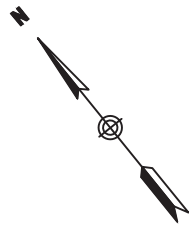
APPLICATION BY:
ARLINGTON COUNTY

DATE: JUNE 2019

SHEET 1 OF 13




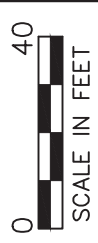
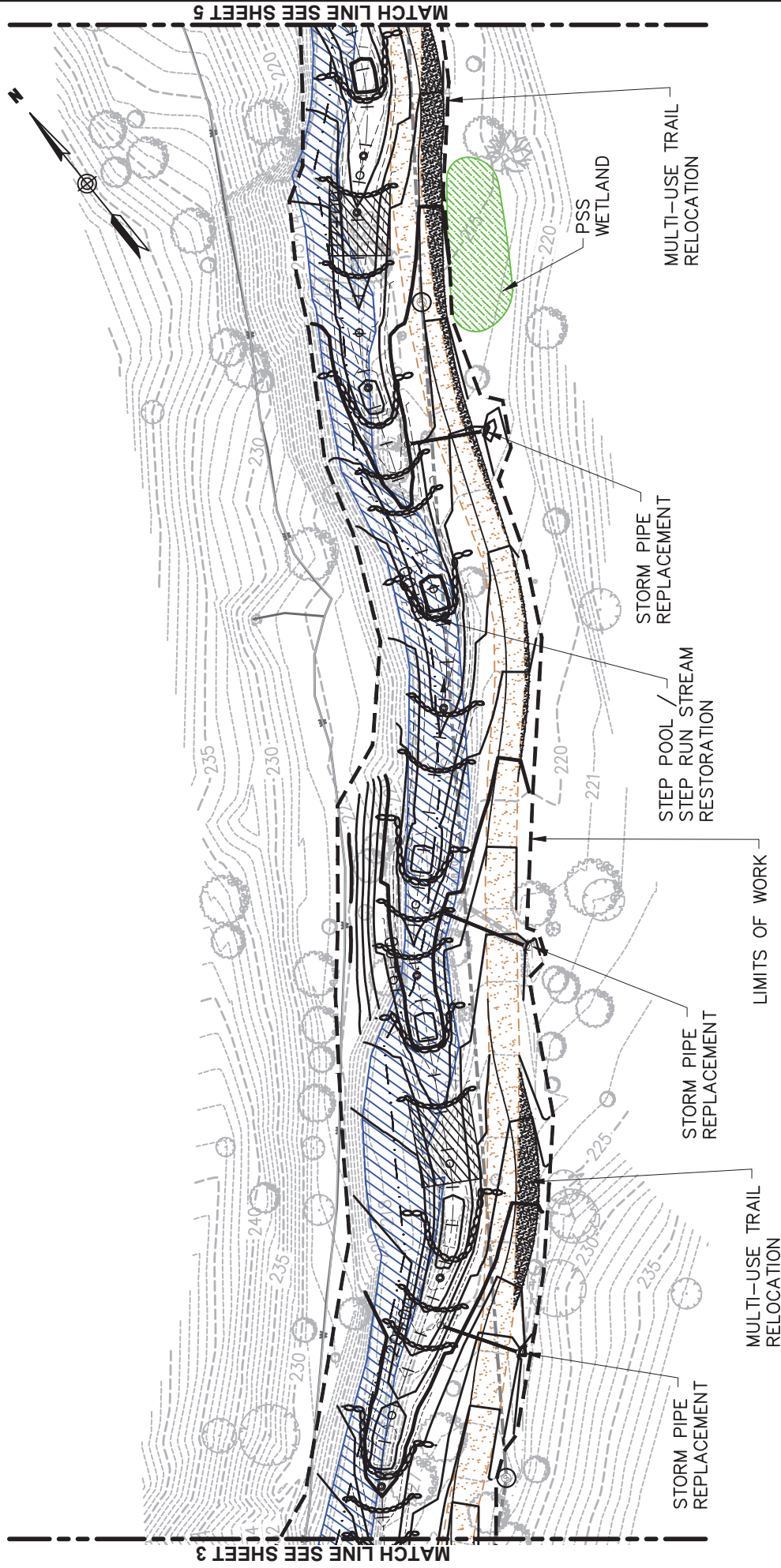
 <p>1775 Greensboro Station Place, Ste 200 Tysons, Virginia 22102 (703) 647-3071 • Fax: (703) 356-0663</p>	ADJACENT PROPERTY OWNERS: N/A DATUM: NAD83 / NAVD 86	DONALDSON RUN TRIBUTARY B STREAM RESTORATION EXISTING CONDITIONS & SHEET INDEX	APPLICATION BY: ARLINGTON COUNTY
AT: COUNTRY CLUB VIEW IN: ARLINGTON COUNTY, VIRGINIA	PURPOSE: STREAM RESTORATION		
DATE: JUNE 2019			SHEET 2 OF 13




EXISTING STREAM IMPACT 1,404 LF.
AREA= 21,598 SF. - 0.496 AC.

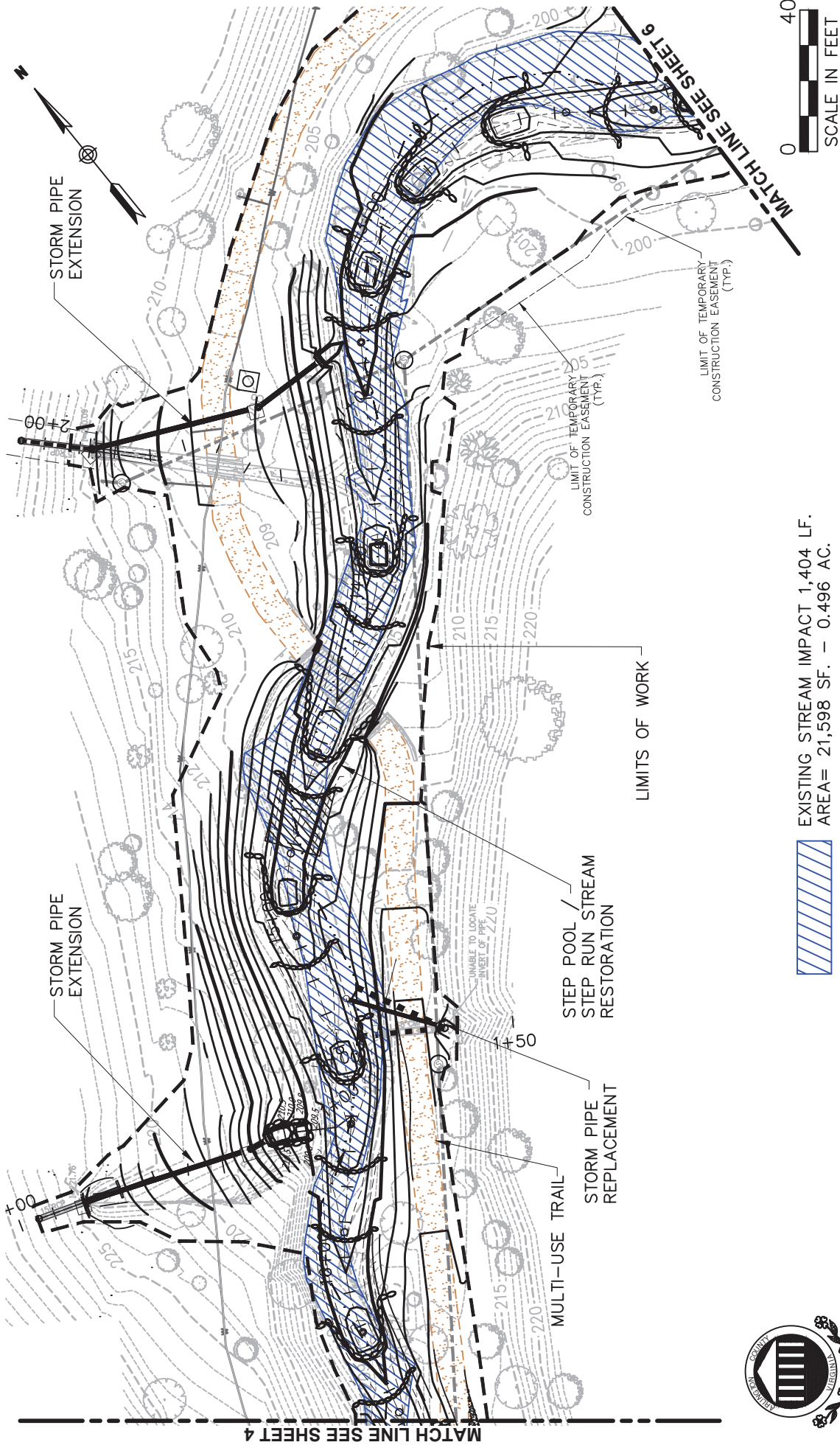


 1775 Greensboro Station Place, Ste 200 Tysons, Virginia 22102 (703) 647-3071 • Fax (703) 856-0663	ADJACENT PROPERTY OWNERS: N/A DATUM: NAD83 / NAVD 86	AT: COUNTRY CLUB VIEW IN: ARLINGTON COUNTY, VIRGINIA	PURPOSE: STREAM RESTORATION	APPLICATION BY: ARLINGTON COUNTY DATE: JUNE 2019 SHEET 3 OF 13
	DONALDSON RUN TRIBUTARY B STREAM RESTORATION STREAM LAYOUT			



EXISTING STREAM IMPACT 1,404 LF.
AREA = 21,598 SF. - 0.496 AC.

 1775 Greensboro Station Place, Ste 200 Tysons, Virginia 22102 (703) 847-3071 • Fax: (703) 356-0663	ADJACENT PROPERTY OWNERS: N/A	DONALDSON RUN TRIBUTARY B STREAM RESTORATION STREAM LAYOUT		APPLICATION BY: ARLINGTON COUNTY
		AT: COUNTRY CLUB VIEW	PURPOSE: STREAM RESTORATION	DATE: JUNE 2019
	DATUM: NAD83 / NAVD 88	IN: ARLINGTON COUNTY, VIRGINIA		SHEET 4 OF 13



1775 Greensboro Station Place, Ste 200
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ADJACENT PROPERTY OWNERS:
N/A

DATUM: NAD83 / NAVD 86

DONALDSON RUN TRIBUTARY B STREAM RESTORATION

STREAM LAYOUT

AT: COUNTRY CLUB VIEW

IN: ARLINGTON COUNTY, VIRGINIA

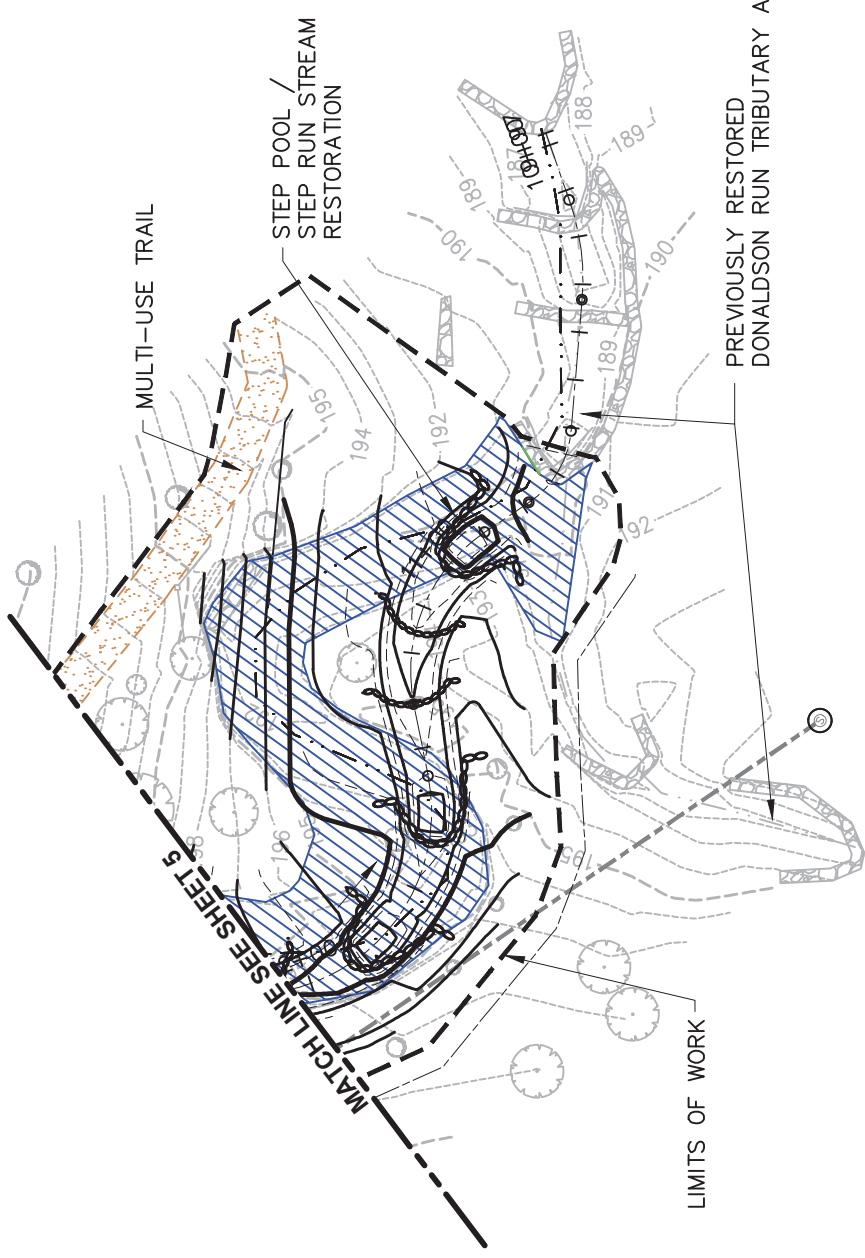
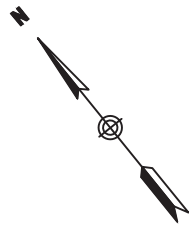
PURPOSE: STREAM RESTORATION

APPLICATION BY:
ARLINGTON COUNTY

DATE: JUNE 2019


SHEET 5 OF 13

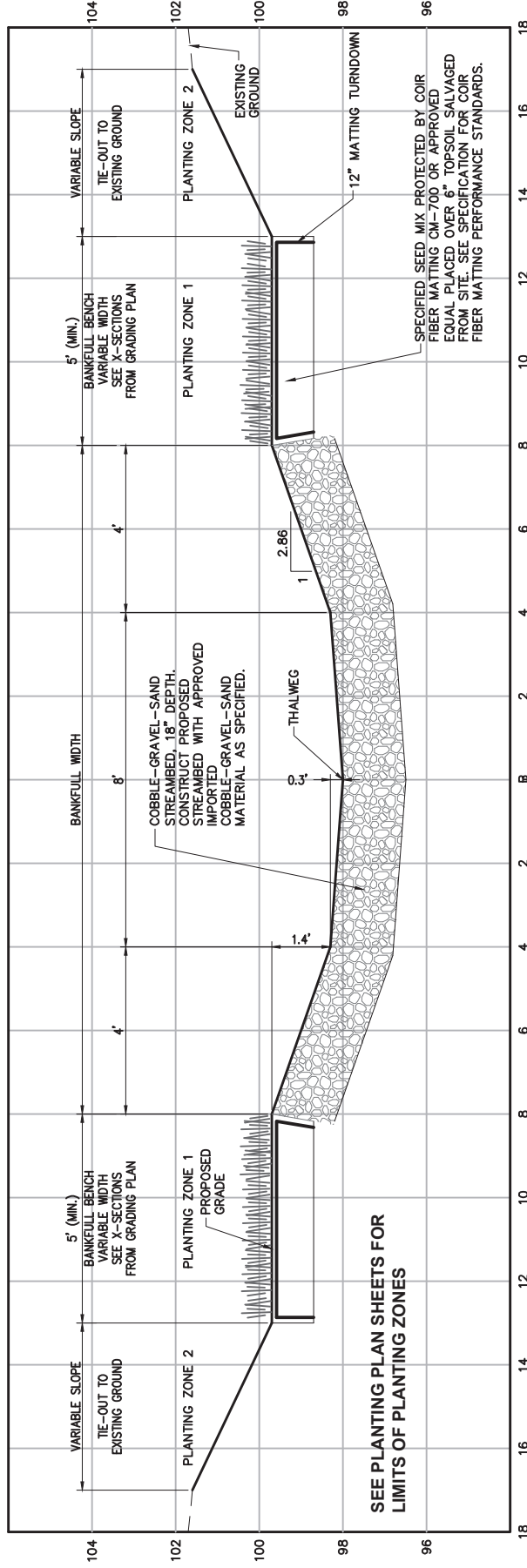
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EXISTING STREAM IMPACT 1,404 LF.
AREA= 21,598 SF. - 0.496 AC.




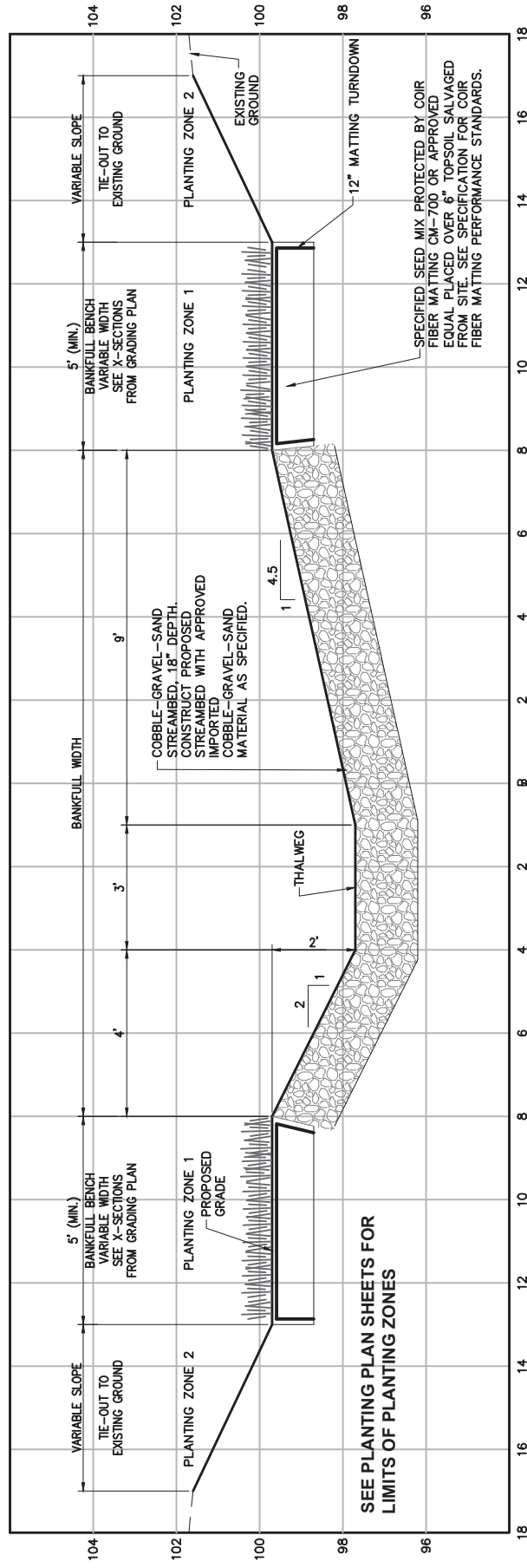
 <p>1775 Greensboro Station Place, Ste 200 Tysons, Virginia 22102 (703) 647-3071 • Fax: (703) 356-0663</p>	<p>ADJACENT PROPERTY OWNERS: N/A</p> <p>DATUM: NAD83 / NAVD 86</p>	<p>DONALDSON RUN TRIBUTARY B STREAM RESTORATION</p> <p>STREAM LAYOUT</p> <p>AT: COUNTRY CLUB VIEW</p> <p>IN: ARLINGTON COUNTY, VIRGINIA</p>	<p>APPLICATION BY: ARLINGTON COUNTY</p> <p>DATE: JUNE 2019</p> <p>SHEET 6 OF 13</p>
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TYPICAL CROSS SECTION @ MIDPOINT OF CROSSOVER BETWEEN MEANDER BENDS



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TYPICAL CROSS SECTION @ APEX OF MEANDER BEND (LEFT)
REVERSE SECTION FOR APEX OF MEANDER BEND (RIGHT)



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ADJACENT PROPERTY OWNERS:

DATUM: NAD83 / NAVD 88

DONALDSON RUN TRIBUTARY B STREAM RESTORATION

TYPICAL APEX CROSS SECTION

AT: COUNTRY CLUB VIEW

IN: ARLINGTON COUNTY, VIRGINIA

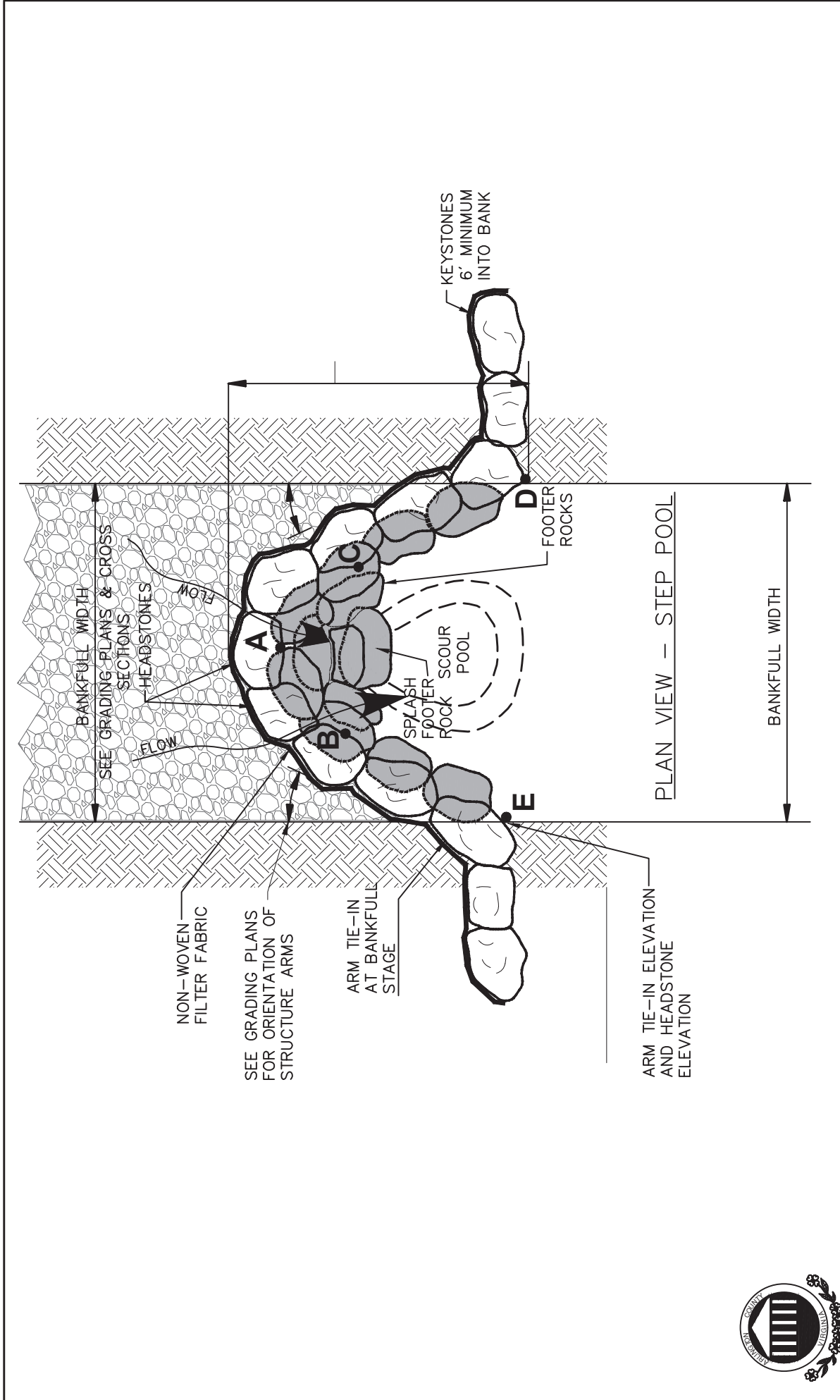
PURPOSE: STREAM RESTORATION


APPLICATION BY:
ARLINGTON COUNTY

DATE: JUNE 2019

SHEET 8 OF 13







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Tysons, Virginia 22102
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ADJACENT PROPERTY OWNERS:
N/A

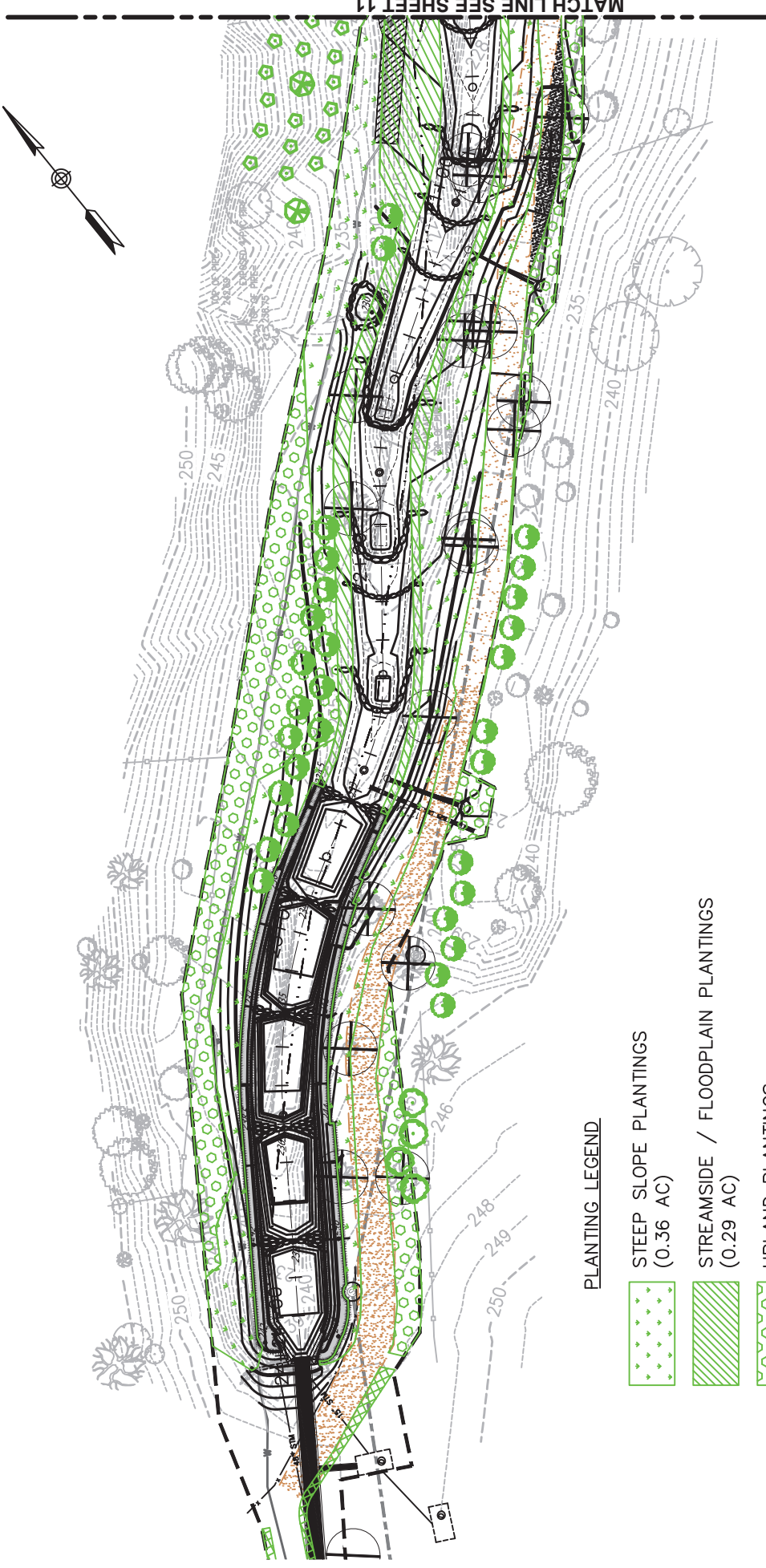
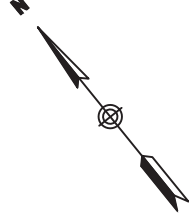
DATUM: NAD83 / NAVD 86

AT: COUNTRY CLUB VIEW
IN: ARLINGTON COUNTY, VIRGINIA

DONALDSON RUN TRIBUTARY B STREAM RESTORATION
TYPICAL CROSS VANE STEP POOL
PURPOSE: STREAM RESTORATION

APPLICATION BY:
ARLINGTON COUNTY

DATE: JUNE 2019
SHEET 9 **OF** 13




⊕ TREES TO BE REMOVED

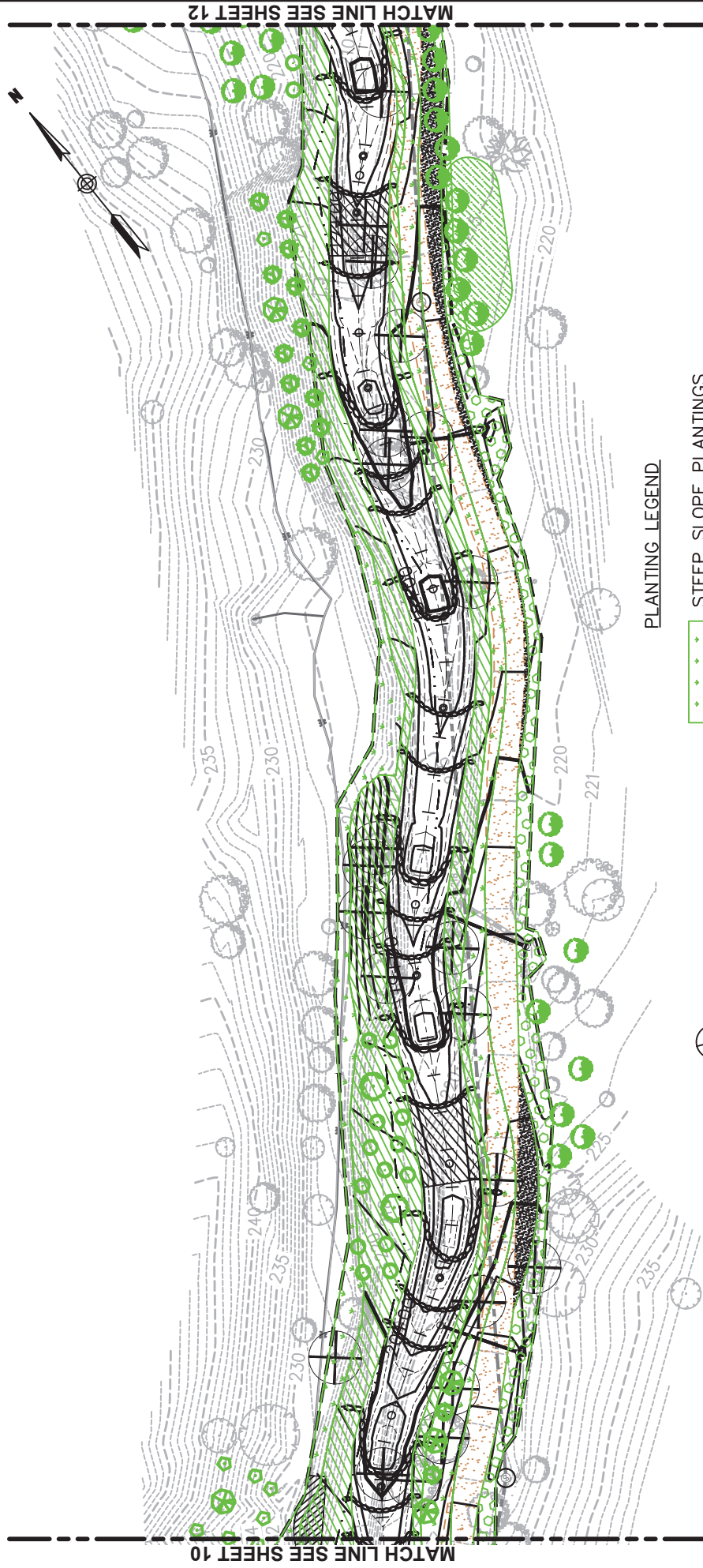


PLANTING LEGEND




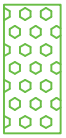
-  STEEP SLOPE PLANTINGS
(0.36 AC)
-  STREAMSIDE / FLOODPLAIN PLANTINGS
(0.29 AC)
-  UPLAND PLANTINGS
(0.52 AC)




 1775 Greensboro Station Place, Ste 200 Tysons, Virginia 22102 (703) 647-3071 • Fax (703) 356-0663	ADJACENT PROPERTY OWNERS: N/A DATUM: NAD83 / NAVD 86	DONALDSON RUN TRIBUTARY B STREAM RESTORATION PROPOSED PLANTING PLAN	APPLICATION BY: ARLINGTON COUNTY DATE: JUNE 2019 SHEET 10 OF 13
	AT: COUNTRY CLUB VIEW IN: ARLINGTON COUNTY, VIRGINIA	PURPOSE: STREAM RESTORATION	



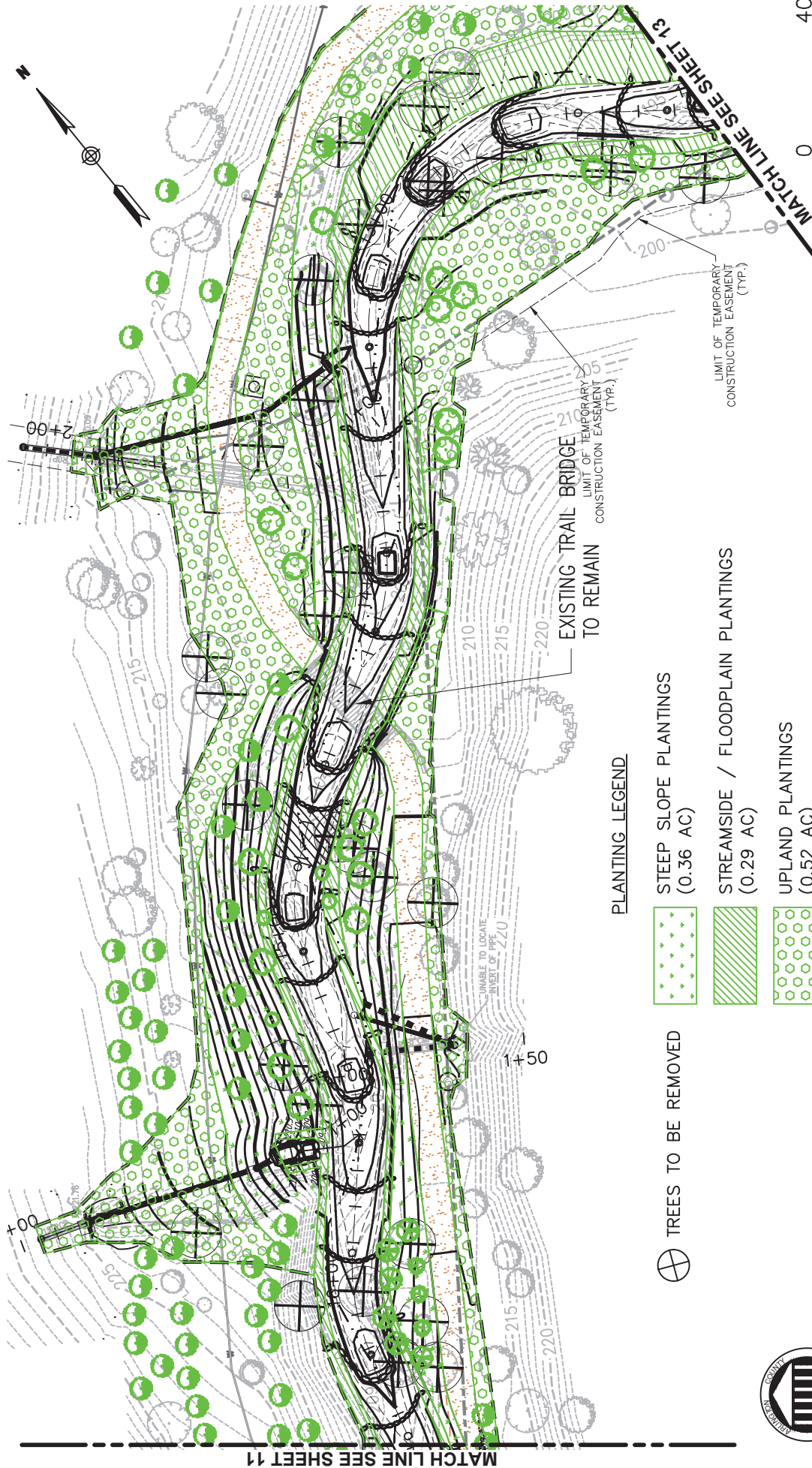
PLANTING LEGEND

-  TREES TO BE REMOVED
-  STEEP SLOPE PLANTINGS
(0.36 AC)
-  STREAMSIDE / FLOODPLAIN PLANTINGS
(0.29 AC)
-  UPLAND PLANTINGS
(0.52 AC)



 1775 Greensboro Station Place, Ste 200 Tysons, Virginia 22102 (703) 847-3071 • Fax: (703) 356-0663	ADJACENT PROPERTY OWNERS: N/A		DONALDSON RUN TRIBUTARY B STREAM RESTORATION PROPOSED PLANTING PLAN		APPLICATION BY: ARLINGTON COUNTY
	DATUM: NAD83 / NAVD 88		AT: COUNTRY CLUB VIEW	PURPOSE: STREAM RESTORATION	DATE: JUNE 2019
			IN: ARLINGTON COUNTY, VIRGINIA		SHEET 11 OF 13

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PLANTING LEGEND

⊕ TREES TO BE REMOVED

STEEP SLOPE PLANTINGS
(0.36 AC)

STREAMSIDE / FLOODPLAIN PLANTINGS
(0.29 AC)

UPLAND PLANTINGS
(0.52 AC)



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ADJACENT PROPERTY OWNERS:
N/A

DATUM: NAD83 / NAVD 86

AT: COUNTRY CLUB VIEW

IN: ARLINGTON COUNTY, VIRGINIA

DONALDSON RUN TRIBUTARY B STREAM RESTORATION

PROPOSED PLANTING PLAN

PURPOSE: STREAM RESTORATION

APPLICATION BY:
ARLINGTON COUNTY

DATE: JUNE 2019

SHEET 12 OF 13

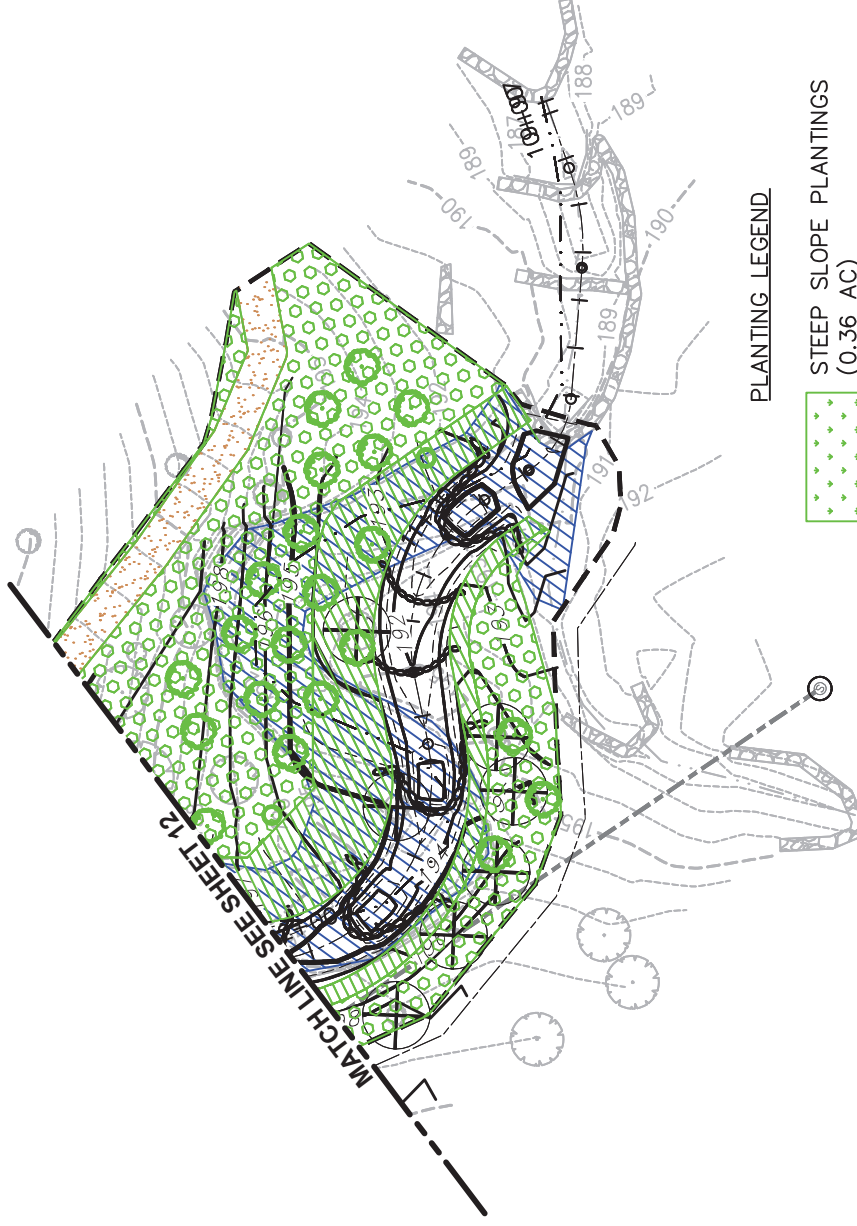


Diagram illustrating three types of plantings and their associated area values:

- STEEP SLOPE PLANTINGS** (0.36 AC): Represented by a green rectangle containing a pattern of small green diamonds.
- STREAMSIDE / FLOODPLAIN PLANTINGS** (0.29 AC): Represented by a green rectangle containing a pattern of diagonal green lines.
- UPLAND PLANTINGS** (0.52 AC): Represented by a green rectangle containing a pattern of small green circles.

A horizontal scale bar with alternating black and white segments. The left end is labeled '0' and the right end is labeled '40'. Below the bar, the text 'SCALE IN FEET' is written.



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PROPOSED PLANTING PLAN

PURPOSE: STREAM RESTORATION

DATE: JUNE 2019

SHEET 13 OF 13

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