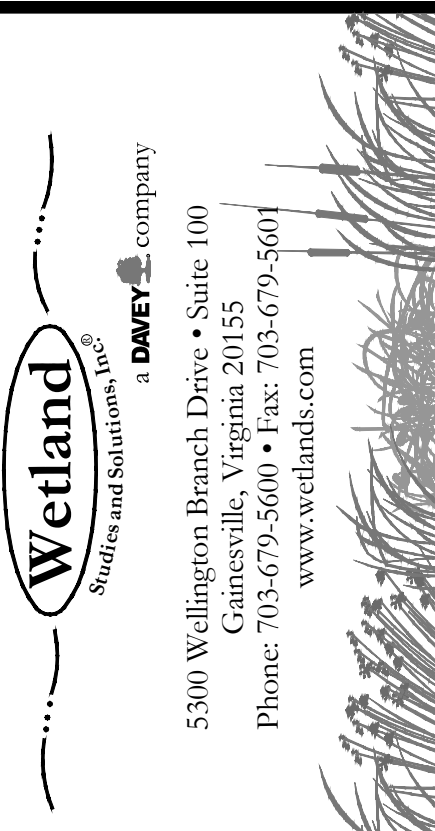


NAVY FEDERAL CREDIT UNION HEADQUARTERS STORMWATER BASIN ENHANCEMENT PLAN



NFCU Headquarters Stormwater Basin Enhancement Plan
Concept Design
Town Of Vienna, Virginia

Cover Sheet

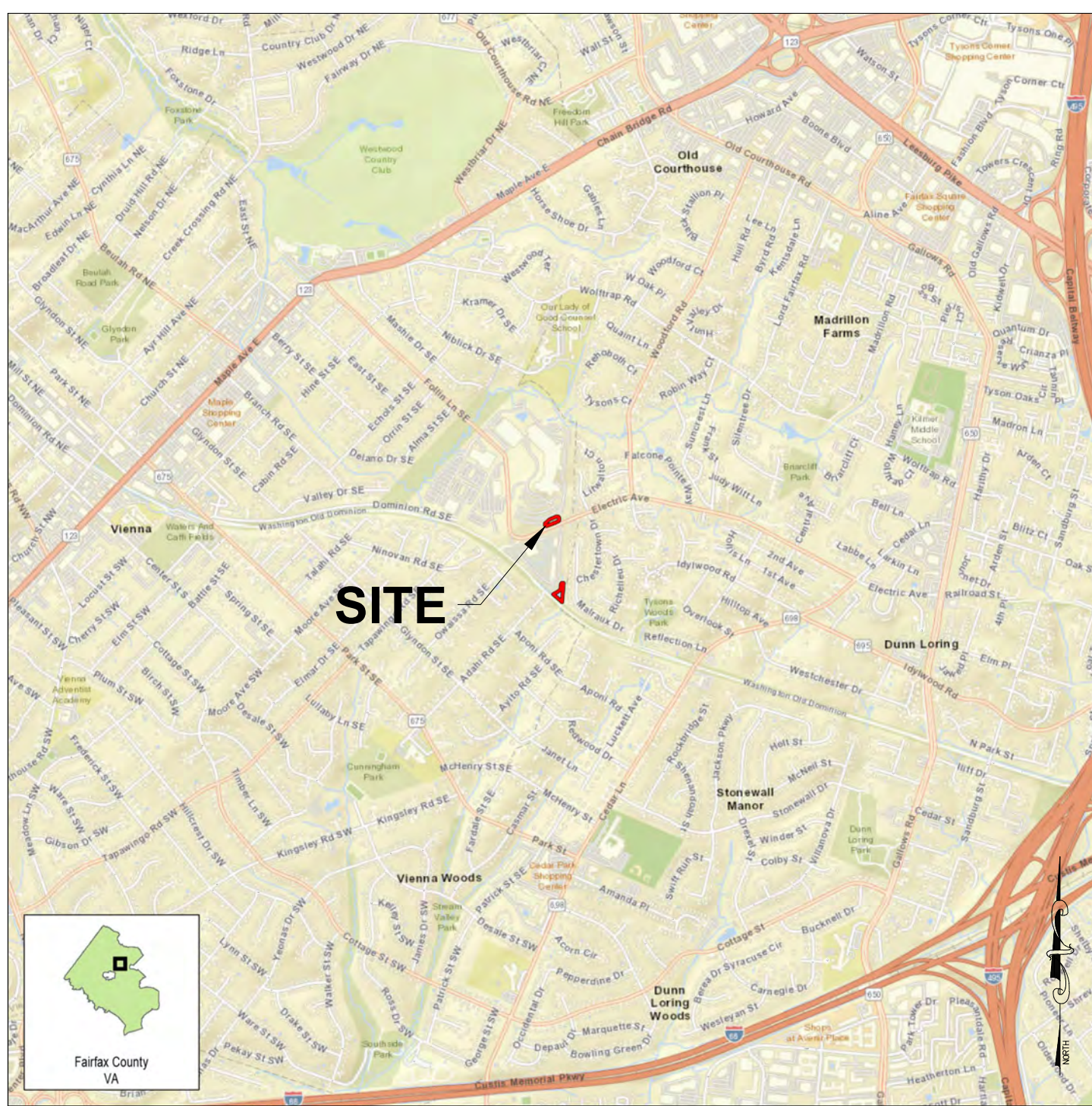
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ADDRESSES: 900 FOLLIN LANE SE
VIENNA, VA 22180

PARCEL/TAX MAP: 0393 02 0004

DEED BOOK: 5727, PG. 1886

USE GROUP CLASSIFICATION: CP - CORPORATE PARK



VICINITY MAP SCALE: 1" = 2000'

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- 1 - COVER SHEET
- 2 - GENERAL NOTES (1)
- 3 - GENERAL NOTES (2)
- 4 - PROPERTY MAP
- 5 - EXISTING CONDITIONS PLAN
- 6 - EXISTING CONDITIONS NOTES
- 7 - LAYOUT PLAN
- 8 - LAYOUT PLAN NOTES
- 9 - GRADING & DRAINAGE PLAN
- 10 - GRADING & DRAINAGE NOTES
- 11 - CONSTRUCTION DETAILS
- 12 - CROSS SECTIONS & PROFILES
- 13 - STORMWATER MANAGEMENT PLAN
- 14 - STORMWATER MANAGEMENT NOTES
- 15 - EROSION & SEDIMENT CONTROL PLAN-PHASE 1
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- 21 - LANDSCAPE PLAN
- 22 - PLANTING SCHEDULE
- 23 - PLANTING NOTES
- 24 - PLANTING DETAILS

(SOIL REPORT REQUIREMENT PLACEHOLDER)

OWNER: Navy Federal Credit Union
1007 Electric Avenue
Vienna, VA 22180

LANDSCAPE ARCHITECT/AGENT: Wetland Studies and Solutions, Inc.
5300 Wellington Branch Drive, Suite 100
Gainesville, VA 20155
(703) 679-5600
dconner@wetlands.com

REVISIONS			
No.	Date	Description	App. By

DATE: SEPTEMBER 2024 SCALE: N/A

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

Design	Draft	Approved
DMC	SH/KM	DMC

Sheet #
1 of 24

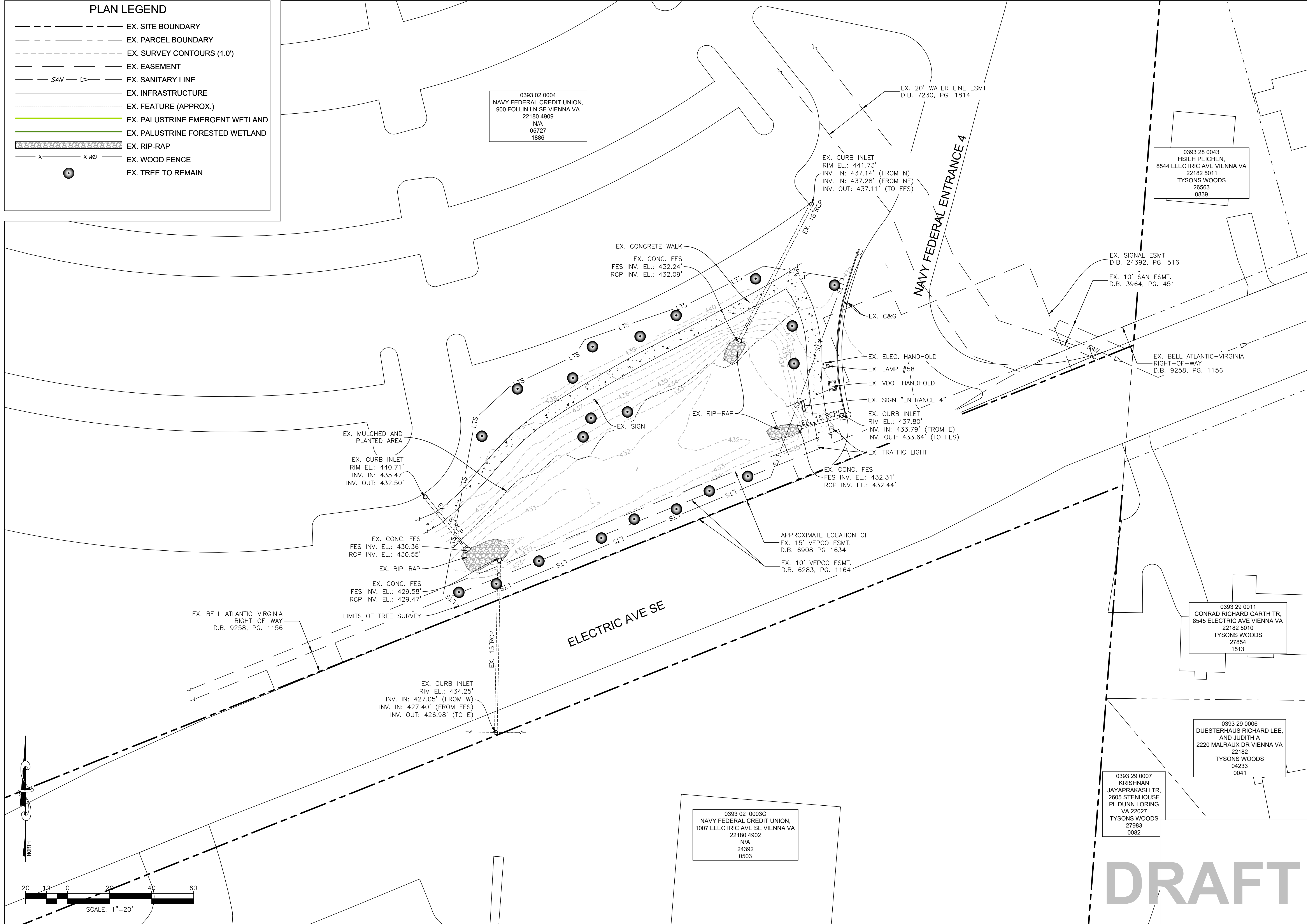
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PLAN LEGEND

- EX. SITE BOUNDARY
- EX. PARCEL BOUNDARY
- EX. SURVEY CONTOURS (1.0')
- EX. EASEMENT
- SAN — ▷ EX. SANITARY LINE
- EX. INFRASTRUCTURE
- EX. FEATURE (APPROX.)
- EX. PALUSTRINE EMERGENT WETLAND
- EX. PALUSTRINE FORESTED WETLAND
- EX. RIP-RAP
- X — X WD --- EX. WOOD FENCE
- EX. TREE TO REMAIN



0393 02 0004
NAVY FEDERAL CREDIT UNION,
900 FOLLIN LN SE VIENNA VA
22180 4909
N/A
05727
1886

0393 28 0043
HSIEH PEICHEN,
8544 ELECTRIC AVE VIENNA VA
22182 5011
TYSONS WOODS
26563
0839

EX. SIGNAL ESMT.
D.B. 24392, PG. 516
EX. 10' SAN ESMT.
D.B. 3964, PG. 451

EX. BELL ATLANTIC-VIRGINIA
RIGHT-OF-WAY
D.B. 9258, PG. 1156

EX. CURB INLET
RIM EL.: 441.73'
INV. IN: 437.14' (FROM N)
INV. IN: 437.28' (FROM NE)
INV. OUT: 437.11' (TO FES)

EX. CONCRETE WALK
EX. CONC. FES
FES INV. EL.: 432.24'
RCP INV. EL.: 432.09'

EX. ELEC. HANDHOLD
EX. LAMP #58
EX. VDOT HANDHOLD
EX. SIGN "ENTRANCE 4"
EX. CURB INLET
RIM EL.: 437.80'
INV. IN: 433.79' (FROM E)
INV. OUT: 433.64' (TO FES)

EX. MULCHED AND
PLANTED AREA
EX. CURB INLET
RIM EL.: 440.71'
INV. IN: 435.47'
INV. OUT: 432.50'

APPROXIMATE LOCATION OF
EX. 15' VEPCO ESMT.
D.B. 6908 PG 1634
EX. 10' VEPCO ESMT.
D.B. 6283, PG. 1164

EX. CONC. FES
FES INV. EL.: 430.36'
RCP INV. EL.: 430.55'
EX. RIP-RAP
EX. CONC. FES
FES INV. EL.: 429.58'
RCP INV. EL.: 429.47'

EX. BELL ATLANTIC-VIRGINIA
RIGHT-OF-WAY
D.B. 9258, PG. 1156

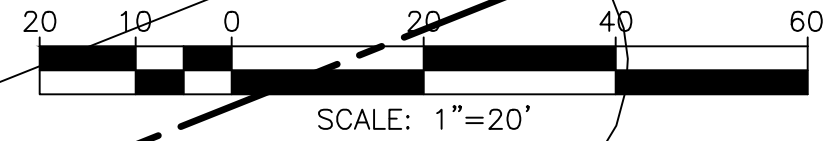
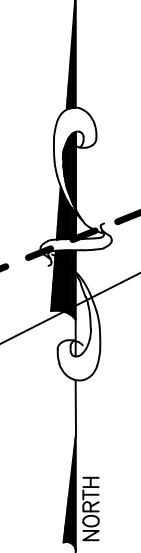
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RIM EL.: 434.25'
INV. IN: 427.05' (FROM W)
INV. IN: 427.40' (FROM FES)
INV. OUT: 426.98' (TO E)

0393 29 0011
CONRAD RICHARD GARTH TR,
8545 ELECTRIC AVE VIENNA VA
22182 5010
TYSONS WOODS
27854
1513

0393 29 0006
DUESTERHAUS RICHARD LEE,
AND JUDITH A
2220 MALRAUX DR VIENNA VA
22182
TYSONS WOODS
04233
0041

0393 29 0007
KRISHNAN
JAYAPRAKASH TR
2605 STENHOUSE
PL DUNN LORING
VA 22027
TYSONS WOODS
27983
0082

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NAVY FEDERAL CREDIT UNION,
1007 ELECTRIC AVE SE VIENNA VA
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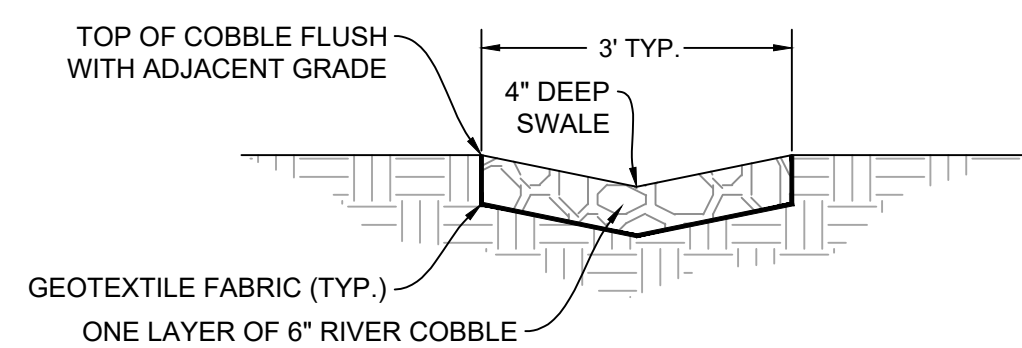
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REVISIONS

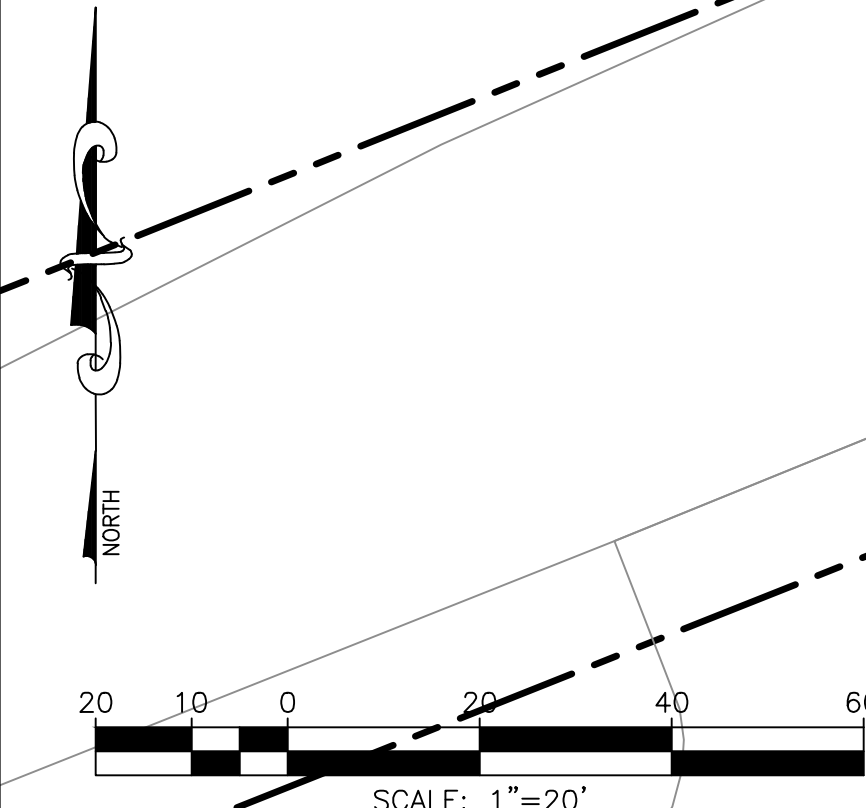
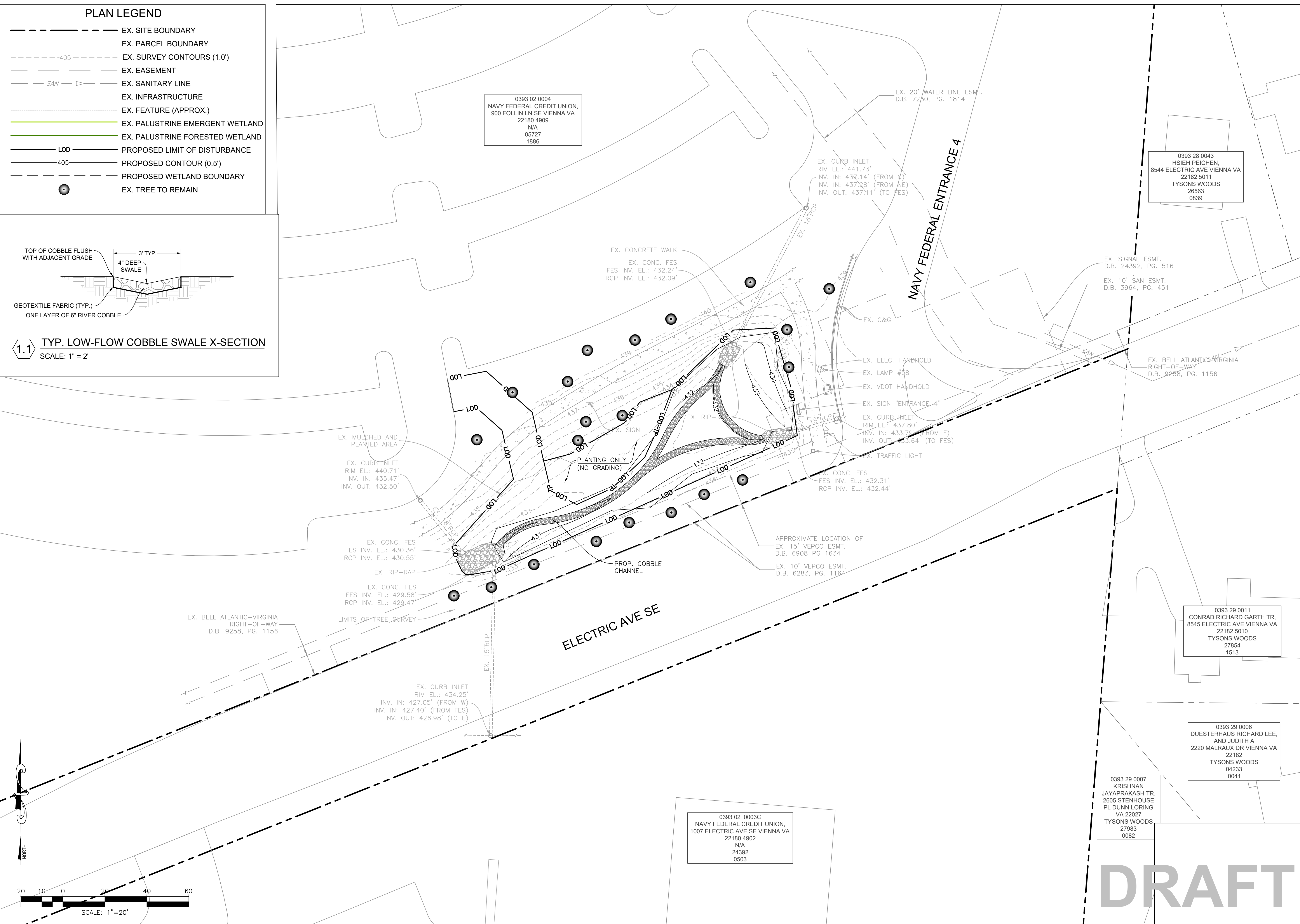
No.	Date	Description	Rev. By	App. By

PLAN LEGEND

- EX. SITE BOUNDARY
- EX. PARCEL BOUNDARY
- - - - - 405 --- EX. SURVEY CONTOURS (1.0')
- EX. EASEMENT
- SAN --- EX. SANITARY LINE
- EX. INFRASTRUCTURE
- EX. FEATURE (APPROX.)
- EX. PALUSTRINE EMERGENT WETLAND
- EX. PALUSTRINE FORESTED WETLAND
- LOD --- PROPOSED LIMIT OF DISTURBANCE
- 405 --- PROPOSED CONTOUR (0.5')
- - - - - PROPOSED WETLAND BOUNDARY
- EX. TREE TO REMAIN



1.1 TYP. LOW-FLOW COBBLE SWALE X-SECTION
SCALE: 1" = 2'



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NAVY FEDERAL CREDIT UNION,
1007 ELECTRIC AVE SE VIENNA VA
22180 4902
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2220 MALRAUX DR VIENNA VA
22182
TYSONS WOODS
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0393 29 0007
KRISHNAN
JAYAPRAKASH TR,
2605 STENHOUSE
PL DUNN LORING
VA 22027
TYSONS WOODS
27983
0082

NFCU Headquarters Stormwater Basin Enhancement Plan
Concept Design
Town Of Vienna, Virginia
Grading & Drainage Plan

Wetland
Studies and Solutions, Inc.
a DAVEY company
5500 Wellington Branch Drive • Suite 100
Gainesville, Virginia 20135
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www.wetlands.com

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No.	Date	Description	Rev. By	App. By

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Vertical Datum: NGVD 29
Boundary and Topo Source: WSSI and Fairfax Digital Data

Design	Draft	Approved
DMC	SH/KM	DMC

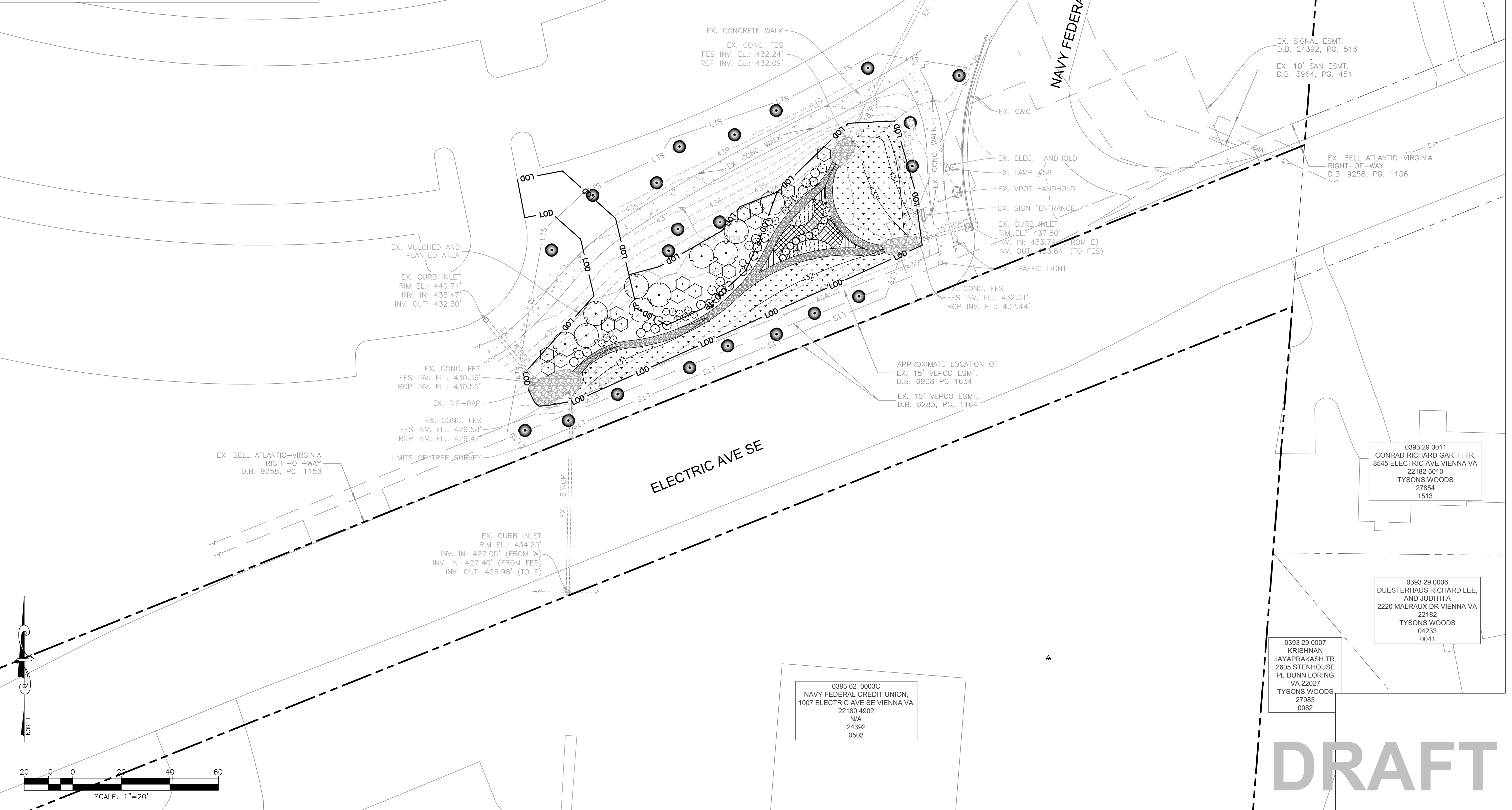
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PLAN LEGEND

- EX. SITE BOUNDARY
- EX. PARCEL BOUNDARY
- -405--- EX. SURVEY CONTOURS (1.0')
- EX. EASEMENT
- SAN --- EX. SANITARY LINE
- EX. INFRASTRUCTURE
- EX. FEATURE (APPROX.)
- EX. PALUSTRINE EMERGENT WETLAND
- EX. PALUSTRINE FORESTED WETLAND
- LOD --- PROPOSED LIMIT OF DISTURBANCE
- -405--- PROPOSED CONTOUR (0.5')
- PROPOSED WETLAND BOUNDARY
- EX. TREE TO REMAIN



0393 02 0004
 NAVY FEDERAL CREDIT UNION,
 900 FOLLIN LN SE VIENNA VA
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0393 28 0043
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 8544 ELECTRIC AVE VIENNA VA
 22182 5011
 TYSONS WOODS
 26563
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EX. MULCHED AND
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 EX. CURB INLET
 RIM EL.: 440.71'
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 INV. OUT: 432.50'

APPROXIMATE LOCATION OF
 EX. 15' VEPCO ESMT.
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 EX. 10' VEPCO ESMT.
 D.B. 6283, PG. 1164

EX. CONC. FES
 FES INV. EL.: 430.36'
 RCP INV. EL.: 430.55'

EX. BELL ATLANTIC-VIRGINIA
 RIGHT-OF-WAY
 D.B. 9258, PG. 1156

ELECTRIC AVE SE

EX. CURB INLET
 RIM EL.: 434.25'
 INV. IN: 427.05' (FROM W)
 INV. IN: 427.40' (FROM FES)
 INV. OUT: 426.98' (TO E)

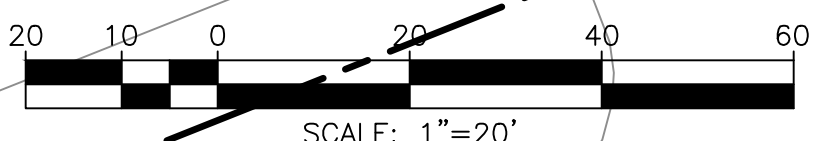
EX. CONC. FES
 FES INV. EL.: 432.31'
 RCP INV. EL.: 432.44'

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 KRISHNAN
 JAYAPRAKASH TR,
 2605 STENHOUSE
 PL DUNN LORING
 VA 22027
 TYSONS WOODS
 27983
 0082

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 CONRAD RICHARD GARTH TR,
 8545 ELECTRIC AVE VIENNA VA
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NFCU Headquarters Stormwater Basin Enhancement Plan
 Concept Design
 Town Of Vienna, Virginia
 Landscape Plan

No.	Date	Description	App. By	By

DATE: SEPTEMBER 2024 SCALE: 1" = 20'

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 Vertical Datum: NGVD 29
 Boundary and Topo Source: WSSI and Fairfax Digital Data

Design	Draft	Approved
DMC	SH/KM	DMC

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