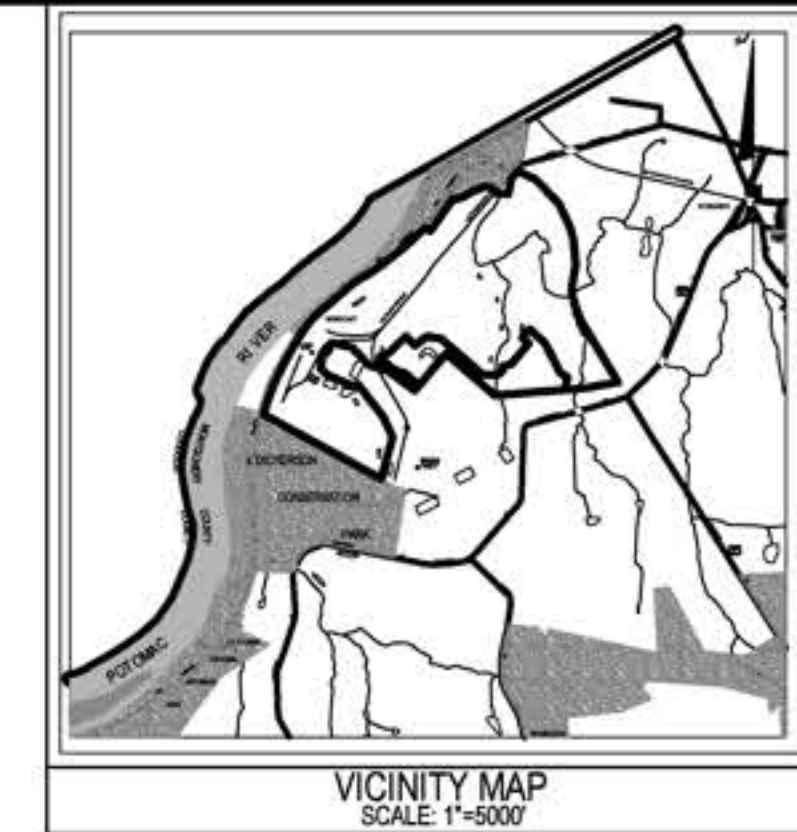


DICKERSON POWER PLANT

PRELIMINARY FOREST CONSERVATION PLAN

#F20240620

POOLSVILLE (3RD) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND



SOLTESZ, INC.
ROCKVILLE OFFICE
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Rockville, MD 20850
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www.solteszco.com

Engineering
Surveying
Planning
Environmental Sciences

PLANNING DEPARTMENT USE ONLY (E-PLANS)

FOREST CONSERVATION WORKSHEET
DICKERSON POWER PLANT

NET TRACT AREA:

A. Total tract area ...	239.32
B. Additions to tract area (Off-Site Work, etc.; construction required by this plan)...	0.00
C. Land dedication acres (parks, county facility, etc.) ...	0.00
D. Land dedication for roads or utilities (construction not required by this plan) ...	4.75
E. Area to remain in commercial agricultural production/use ...	0.00
F. Other deductions (specify)	0.00
G. Net Tract Area	234.57

LAND USE CATEGORY: (from Chapter 22A-3. Definitions)
Input the number "1" under the appropriate land use, limit to only one entry.

ARA	CDR	MDR	IDA	HDR	MPD	CIA
0	0	0	0	0	0	1

G. Afforestation Threshold ...	15%	x G =	35.19
H. Conservation Threshold ...	15%	x G =	35.19

EXISTING FOREST COVER:

I. Existing forest cover	73.25
J. Area of forest above afforestation threshold	38.06
K. Area of forest above conservation threshold	38.06

BREAK EVEN POINT:

L. Forest retention above threshold with no mitigation	42.80
M. Clearing permitted without mitigation	30.45

PROPOSED FOREST CLEARING:

N. Total area of forest to be cleared	18.19
O. Total area of forest to be retained	55.06

PLANTING REQUIREMENTS:

P. Reforestation for clearing above conservation threshold	18.19
Q. Reforestation for clearing below conservation threshold	0.00
R. Credit for retention above conservation threshold	19.87
S. Total reforestation required	0.00
T. Total afforestation required	0.00
U. Credit for landscaping (may not be used to meet reforestation requirement if project is located outside an EFA. For projects within EFA, may not exceed 20% of project area)	0.00
V. Total reforestation and afforestation required	0.00

worksheet date: 5/13/2019

FOREST CONSERVATION WORKSHEET
DICKERSON POWER PLANT

NET TRACT AREA:

A. Total tract area ...	439.79
B. Additions to tract area (Off-Site Work, etc.; construction required by this plan)...	0.00
C. Land dedication acres (parks, county facility, etc.) ...	0.00
D. Land dedication for roads or utilities (construction not required by this plan) ...	21.45
E. Area to remain in commercial agricultural production/use ...	0.00
F. Other deductions (specify)	0.00
G. Net Tract Area	418.34

LAND USE CATEGORY: (from Chapter 22A-3. Definitions)
Input the number "1" under the appropriate land use, limit to only one entry.

ARA	CDR	MDR	IDA	HDR	MPD	CIA
1	0	0	0	0	0	0

G. Afforestation Threshold ...	20%	x G =	83.67
H. Conservation Threshold ...	55%	x G =	230.09

EXISTING FOREST COVER:

I. Existing forest cover	343.87
J. Area of forest above afforestation threshold	260.20
K. Area of forest above conservation threshold	113.78

BREAK EVEN POINT:

L. Forest retention above threshold with no mitigation	252.84
M. Clearing permitted without mitigation	91.03

PROPOSED FOREST CLEARING:

N. Total area of forest to be cleared	0.72
O. Total area of forest to be retained	343.15

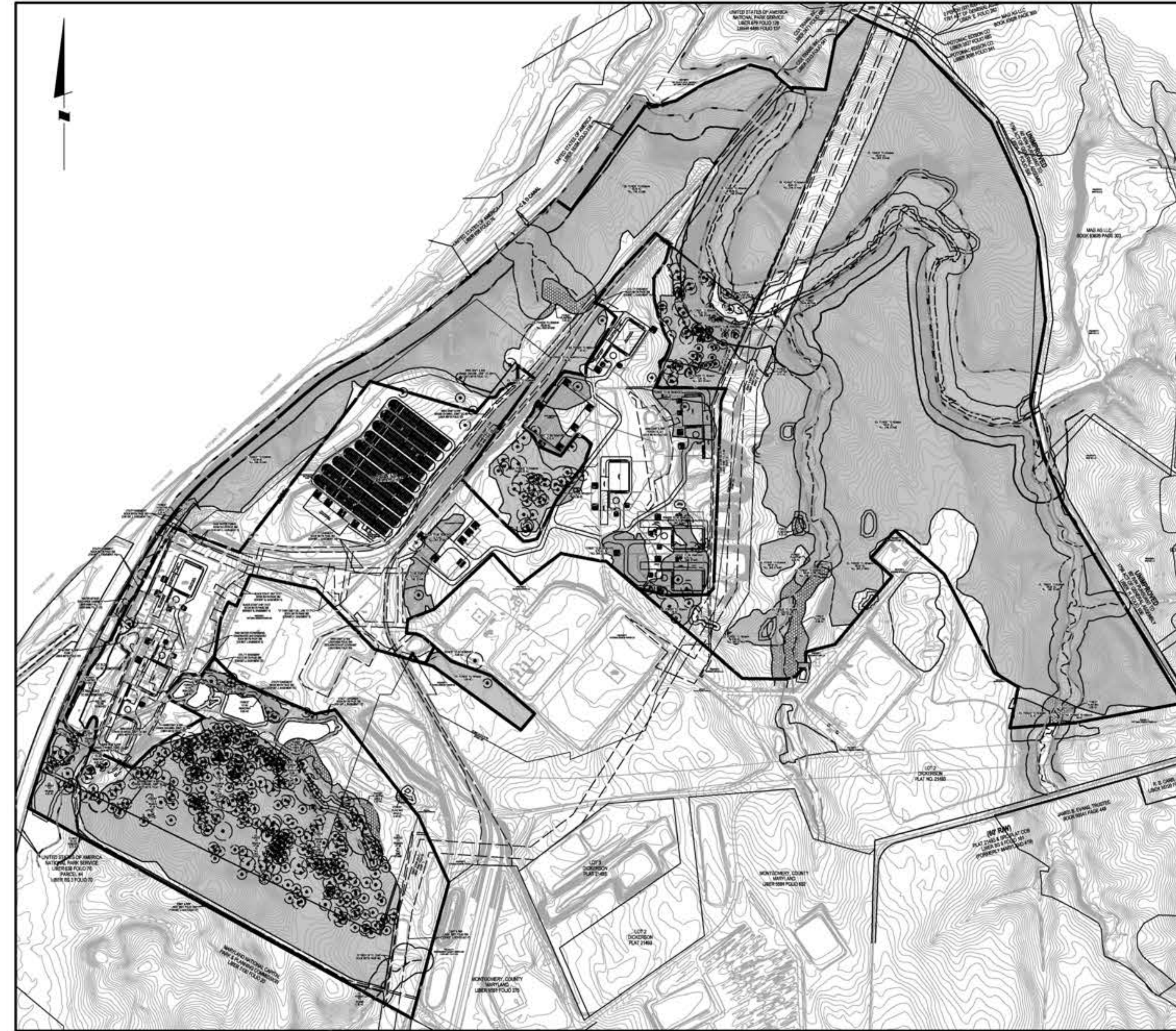
PLANTING REQUIREMENTS:

P. Reforestation for clearing above conservation threshold	0.72
Q. Reforestation for clearing below conservation threshold	0.00
R. Credit for retention above conservation threshold	113.06
S. Total reforestation required	0.00
T. Total afforestation required	0.00
U. Credit for landscaping (may not be used to meet reforestation requirement if project is located outside an EFA. For projects within EFA, may not exceed 20% of project area)	0.00
V. Total reforestation and afforestation required	0.00

worksheet date: 5/13/2019

LAND DEDICATION FOR ROADS OR UTILITIES:

INDUSTRIAL ZONED: EASEMENT & RW 500 KV LIBER 18497 FOLIO 60: 4.67 AC.	AGRICULTURAL ZONED: EASEMENT & RW 500 KV LIBER 18497 FOLIO 60: 9.53 AC.
EASEMENT & RW 230 KV LIBER 18497 FOLIO 46: 0.08 AC.	EASEMENT & RW 230 KV LIBER 18497 FOLIO 46: 11.92 AC.
TOTAL DEDUCTION: 4.75 AC.	TOTAL DEDUCTION: 21.45 AC.



SCALE: 1" = 600'

SHEET INDEX

- F.01 COVER SHEET
- F.02 APPROVAL SHEET
- F.03 OVERALL PLAN
- F.04 PRELIMINARY FOREST CONSERVATION PLAN
- F.05 PRELIMINARY FOREST CONSERVATION PLAN
- F.06 PRELIMINARY FOREST CONSERVATION PLAN
- F.07 PRELIMINARY FOREST CONSERVATION PLAN
- F.08 PRELIMINARY FOREST CONSERVATION PLAN
- F.09 PRELIMINARY FOREST CONSERVATION PLAN
- F.10 PRELIMINARY FOREST CONSERVATION PLAN
- F.11 PRELIMINARY FOREST CONSERVATION PLAN
- F.12 PRELIMINARY FOREST CONSERVATION PLAN
- F.13 PRELIMINARY FOREST CONSERVATION PLAN
- F.14 PRELIMINARY FOREST CONSERVATION PLAN
- F.15 NOTES AND DETAILS
- F.16 NOTES AND DETAILS

GENERAL NOTES:

1. THE GROSS TRACT AREA FOR THE PRELIMINARY FOREST CONSERVATION IS 679.11 ACRES. AN NRI/FSD WAS PREVIOUSLY SUBMITTED AND APPROVED FOR THE LIMIT OF DISTURBANCE OF 291.7152 ACRES ON PART OF PARCEL N500 (03853280) AND ON PART OF PARCEL N940 (03853291). IF THE LIMIT OF DISTURBANCE EXPANDS, IT WILL RESULT OF A NEW NRI/FSD.
2. NRI/FSD AND FIELD SHOT DATA FOR ENVIRONMENTAL FEATURES WERE USED AREA WITHIN LOD. ALL OTHER BOUNDARY SURVEY INFORMATION PROVIDED VIA GIS.
3. MOST OF THIS SITE IS CLASSIFIED AS ZONE IH-2.5, WHILE THE REMAINING ZONED IS AR.
4. BOUNDARY INFORMATION IS FROM A SURVEY PREPARED BY SOLTESZ, INC.
5. THIS PROJECT LIES WITHIN THE AGRICULTURAL AND RURAL OPEN SPACE MASTER.
6. THE MAJORITY OF THE SITE LIES IN THE QUARRY BRANCH WATERSHED, WHILE THE REMAINING PORTION ON THE SITE IS LITTLE MONOCACY RIVER WATERSHED.
7. FLOODPLAIN SHOWN PER FEMA PLAT #24031C0130D.
8. THERE ARE NO DESIGNATED HISTORIC SITE ASSOCIATED WITH THESE PARCELS.
9. THERE ARE NO KNOWN RARE THREATENED, OR ENDANGERED SPECIES OCCURRING ON THIS PROPERTY, PER LETTER FROM MD DNR DATED 11/29/2023.
10. FOOTPRINT OF PROPOSED STRUCTURES FOR DATA CENTERS AND BATTERY STORAGE TO HAVE FINAL ARCHITECTURE PROVIDED DURING SITE PLAN.
11. ALL STREAM VALLEY BUFFERS (SVB) OUTSIDE OF THE FIELD SHOT DATA AREA ARE ASSUMED TO BE 100 FT THIS IS A PRELIMINARY FOREST CONSERVATION PLAN. A FINAL FOREST CONSERVATION PLAN WILL BE PRESENTED FOR APPROVAL ONCE FINAL SITE IMPROVEMENTS INCLUDING BUILDING LAYOUT, ROADWAYS, STORMWATER MANAGEMENT FACILITIES, DEMOLITION, AND OTHER IMPROVEMENTS ARE FINALIZED.
- 12.

LEGEND:

- ⊙ SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
- SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
- ⊗ TREE TO BE REMOVED
- LOD LIMIT OF DISTURBANCE (LOD)
- LIMITS OF FOREST STAND
- - - - PERENNIAL STREAM
- SVB STREAM VALLEY BUFFER
- WETLAND
- WB WETLAND BUFFER
- FP FLOODPLAIN
- ZONING LINE
- EXISTING FOREST TO REMAIN
- EXISTING FOREST TO BE REMOVED
- REFORESTATION AREA
- EASEMENT/RIGHT OF WAY
- PROPERTY BOUNDARY LINE
- TSF TREE SAVE FENCE
- ROOT PRUNE
- EX CONTOUR MINOR
- EX CONTOUR MAJOR

DEVELOPER'S CERTIFICATE
The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Terra Energy, LLC
Printed Company Name: _____

Contact Person or Owner: Jeffrey Farnel
Contact Person: _____

Address: 13409 Strawbale Lane, Darnestown, MD
Phone: (540) 223-3954

Signature: _____

NO. REVISIONS BY DATE

MISS UTILITY NOTE

INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT THE UTILITY AT 1-800-327-7777 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THE PLAN OR THICKER THAN 12 INCHES, WHOEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER / DEVELOPER / APPLICANT

Terra Energy, LLC
13409 Strawbale Lane
Darnestown, MD 20878
540 223 3954
Jeffrey Farnel

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 1974 EXPIRATION DATE: 5/31/2024



06/21/2024

COVER SHEET
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
F20240620
POOLSVILLE (3RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY: AR, IH-2.5, H-70
NSIC 200 SHEET 220NW22, 220NE21, 220NW22, 220NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	DESIGNED: NC
1" = 600'	TECHNICIAN: NC
SHEET F.01	CHECKED: WKD
OF F.16	CAD SET-UP VERSION: V8 / NCS
PROJECT NO. 4025-00-00	

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REFERENCE
GRID

PLANNING DEPARTMENT USE ONLY (E-PLANS)

DEVELOPER'S CERTIFICATE
The undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
Developer's Name: Terra Energy, LLC
Printed Company Name
Contact Person or Owner: Jeffrey Ferrel
Contact Person
Address: 13409 Strawbale Lane, Darnestown, MD
Phone: (540) 223-3954
Signature: *[Handwritten Signature]*

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Environmental Sciences

NO.	REVISIONS	BY	DATE

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OWNER / DEVELOPER / APPLICANT
Terra Energy, LLC
13409 Strawbale Lane
Darnestown, MD 20878
540 223 3954
Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 1874 EXPIRATION DATE: 07/10/2024



06/21/2024

APPROVAL
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
F20240620
POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY: AR, IH, Z-5, H-70
WSEC 200 SHEET 220NHW22, 220NE21, 220NW22, 220NW21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	
1" = 100' NTS	DATE: 6/21/2024
SHEET F.02 OF F.16	DESIGNED: NC TECHNICIAN: NC CHECKED: WKD CADD STP: V8 / NCS VERSION
PROJECT NO. 4025-00-00	

DEVELOPER'S CERTIFICATE
 The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.

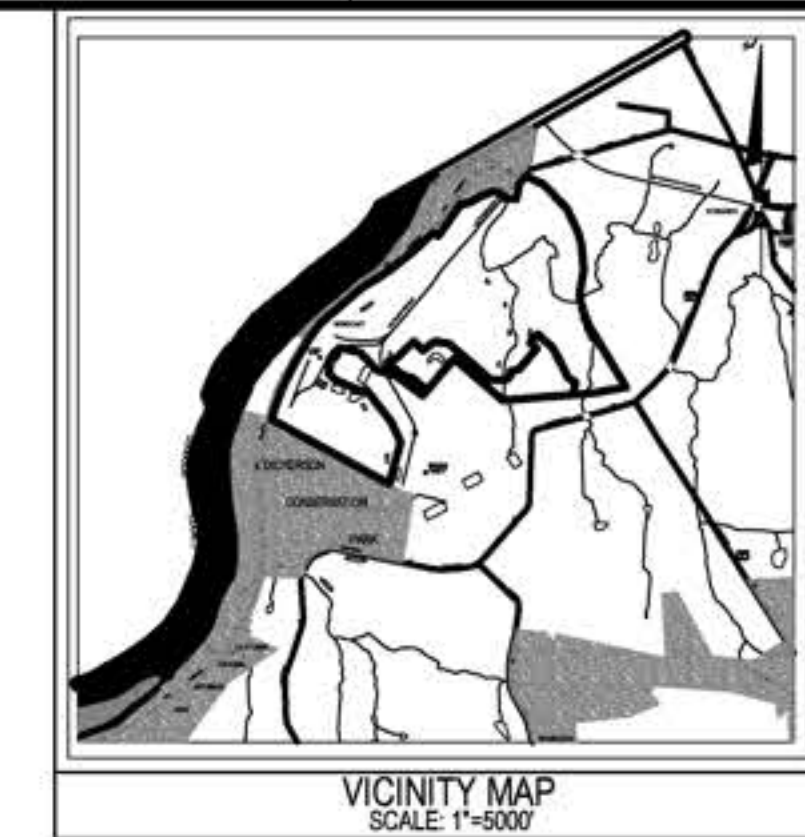
Developer's Name: Terra Energy, LLC
 Printed Company Name

Contact Person or Owner: Jeffrey Ferrel
 Contact Person

Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954

Signature: *[Signature]*

PLANNING DEPARTMENT USE ONLY (E-PLANS)



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- LEGEND:**
- ⊙ SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
 - SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
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 - LIMIT OF DISTURBANCE (LOD)
 - - - LIMITS OF FOREST STAND
 - · - · PERENNIAL STREAM
 - STREAM VALLEY BUFFER
 - WETLAND
 - WETLAND BUFFER
 - FLOODPLAIN
 - · - · ZONING LINE
 - █ EXISTING FOREST TO REMAIN
 - ▨ EXISTING FOREST TO BE REMOVED
 - ▨ REFORESTATION AREA
 - EASEMENT/RIGHT OF WAY
 - PROPERTY BOUNDARY LINE
 - TREE SAVE FENCE
 - ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR

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OWNER / DEVELOPER / APPLICANT
 Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 10274 EXPIRATION DATE: 07/10/2024

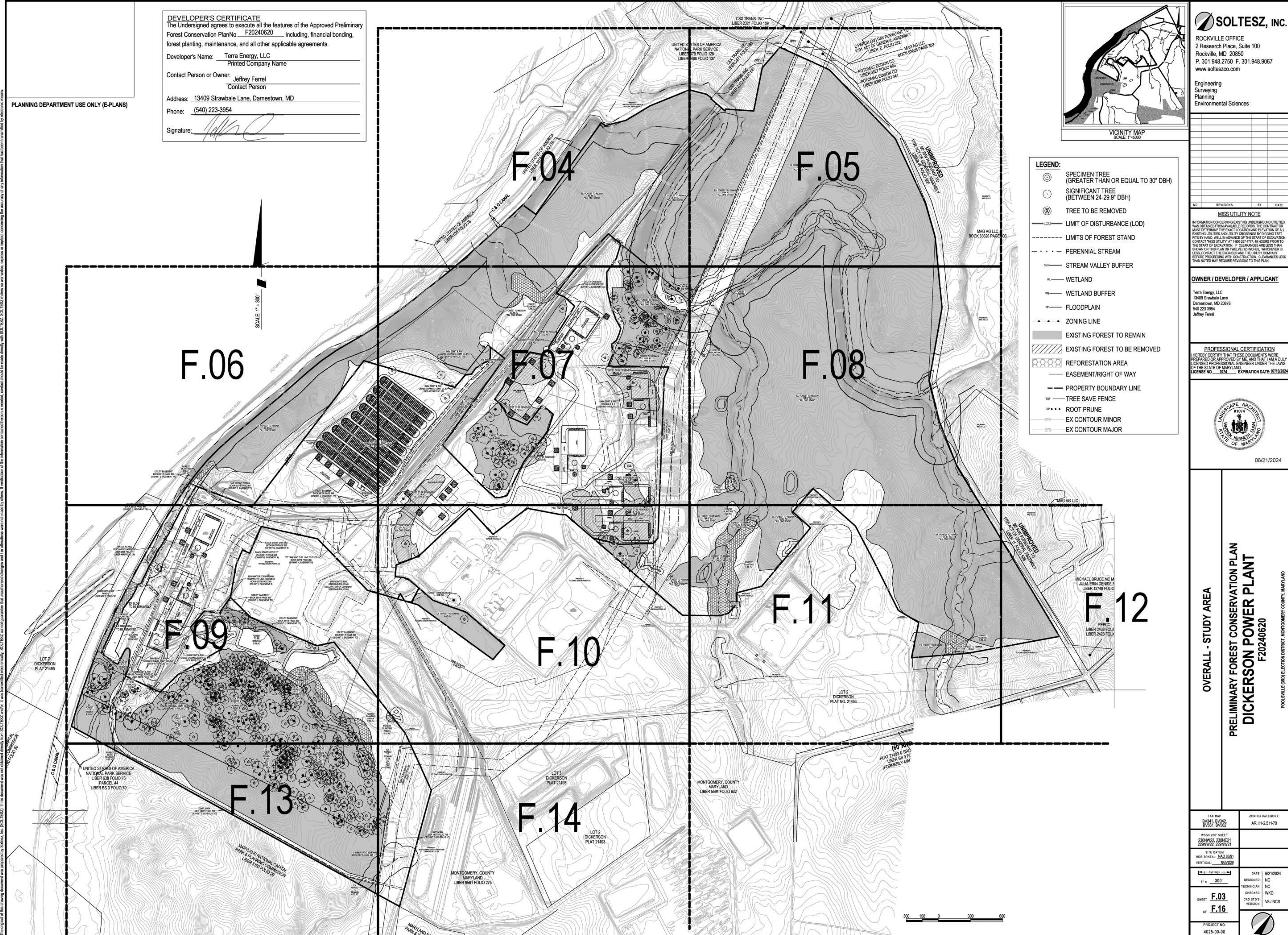


06/21/2024

OVERALL - STUDY AREA
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
 F20240620

TAX MAP BV341, BV342 BV561, BV562	ZONING CATEGORY AR, IH, Z-5, H-70
NSIC 200 SHEET 220N022, 220N021 220N022, 220N021	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC	
CHECKED: WKD CAD STC: VERNON	
SHEET F.03 OF F.16	
PROJECT NO. 4025-00-00	

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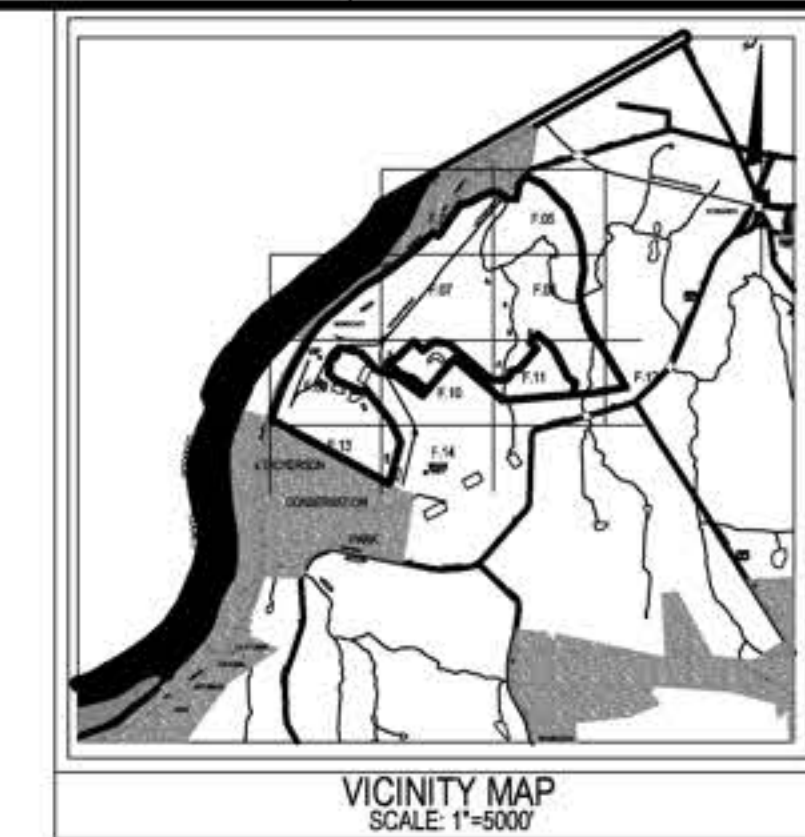


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PLANNING DEPARTMENT USE ONLY (E-PLANS)

- LEGEND:**
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 - LIMITS OF FOREST STAND
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 - WETLAND
 - WB WETLAND BUFFER
 - FP FLOODPLAIN
 - - - - ZONING LINE
 - █ EXISTING FOREST TO REMAIN
 - ▨ EXISTING FOREST TO BE REMOVED
 - ▤ REFORESTATION AREA
 - EASEMENT/RIGHT OF WAY
 - PBL PROPERTY BOUNDARY LINE
 - TSF TREE SAVE FENCE
 - ... RP ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR

AREA OUTSIDE OF LOD TO BE USED FOR REFORESTATION & SUPPLEMENTAL PLANTING



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MISS UTILITY NOTE
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OWNER / DEVELOPER / APPLICANT
 Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 1074 EXPIRATION DATE: 07/10/2024

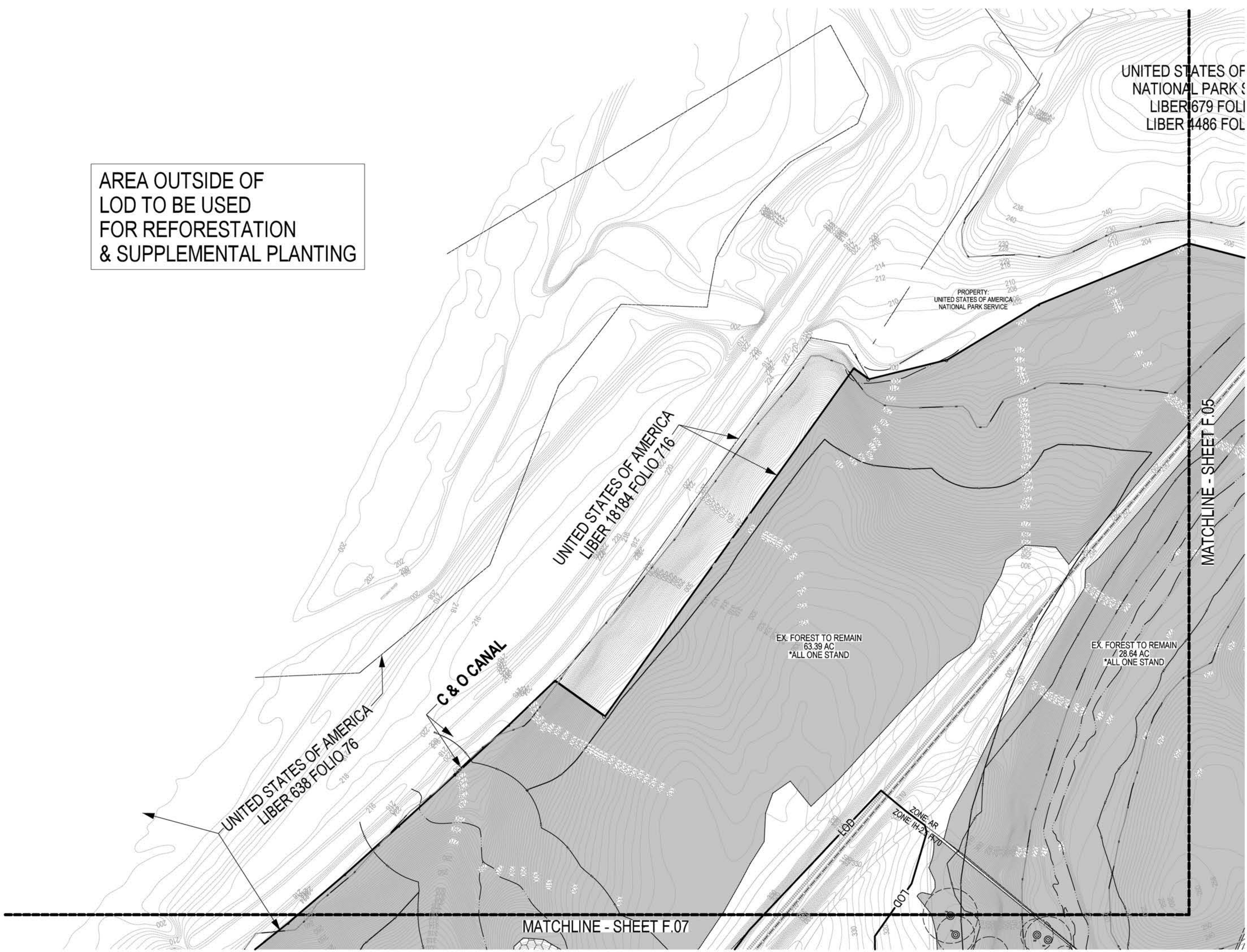


06/21/2024

**PRELIMINARY FOREST CONSERVATION PLAN
 PRELIMINARY FOREST CONSERVATION PLAN
 DICKERSON POWER PLANT
 F20240620**

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY AR, IH, Z, S, H, T, O
WSIC 200 SHEET 220NW22, 220NE21 220NW22, 220NW21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	
1" = 100'	DATE: 6/21/2024
SHEET F.04	DESIGNED: NC
OF F.16	TECHNICIAN: NC
	CHECKED: WKD
	CAD STP: V8 / NCS
PROJECT NO. 4025-00-00	

DEVELOPER'S CERTIFICATE
 The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
 Developer's Name: Terra Energy, LLC
 Printed Company Name
 Contact Person or Owner: Jeffrey Ferrel
 Contact Person
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: *[Signature]*



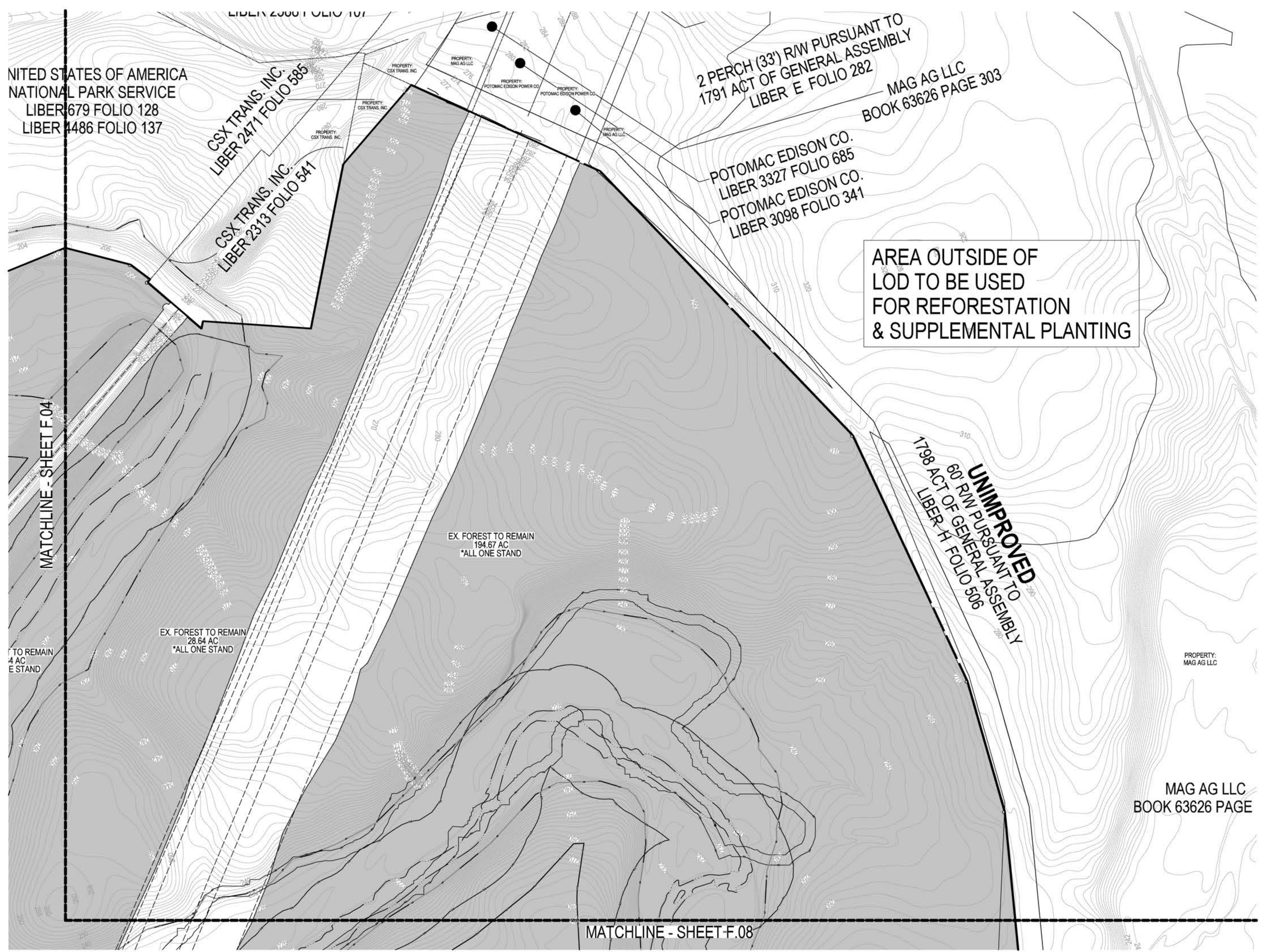
MATCHLINE - SHEET F.07

MATCHLINE - SHEET F.05

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PLANNING DEPARTMENT USE ONLY (E-PLANS)

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 - ⊗ TREE TO BE REMOVED
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 - LIMITS OF FOREST STAND
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 - WETLAND
 - WETLAND BUFFER
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 - █ EXISTING FOREST TO REMAIN
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 - EASEMENT/RIGHT OF WAY
 - PROPERTY BOUNDARY LINE
 - TREE SAVE FENCE
 - ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR



DEVELOPER'S CERTIFICATE
 The Underwriter agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
 Developer's Name: Terra Energy, LLC
 Printed Company Name: _____
 Contact Person or Owner: Jeffrey Ferrel
 Contact Person: _____
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: _____



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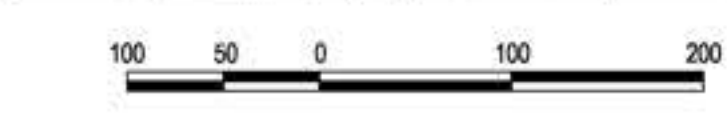
OWNER / DEVELOPER / APPLICANT
 Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
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 LICENSE NO. 1074 EXPIRATION DATE: 07/31/2024



PRELIMINARY FOREST CONSERVATION PLAN
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
 F20240620

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY AR, IH-2.5 H-70
NSIC 200 SHEET 220NW22, 220NE21, 220NW22, 220NW21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC	
CHECKED: WKD CAD STC: V8 / NCS	
SHEET F.05 OF F.16	
PROJECT NO. 4025-00-00	



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REFERENCE GRID A B C D E F G H I J K L M N O

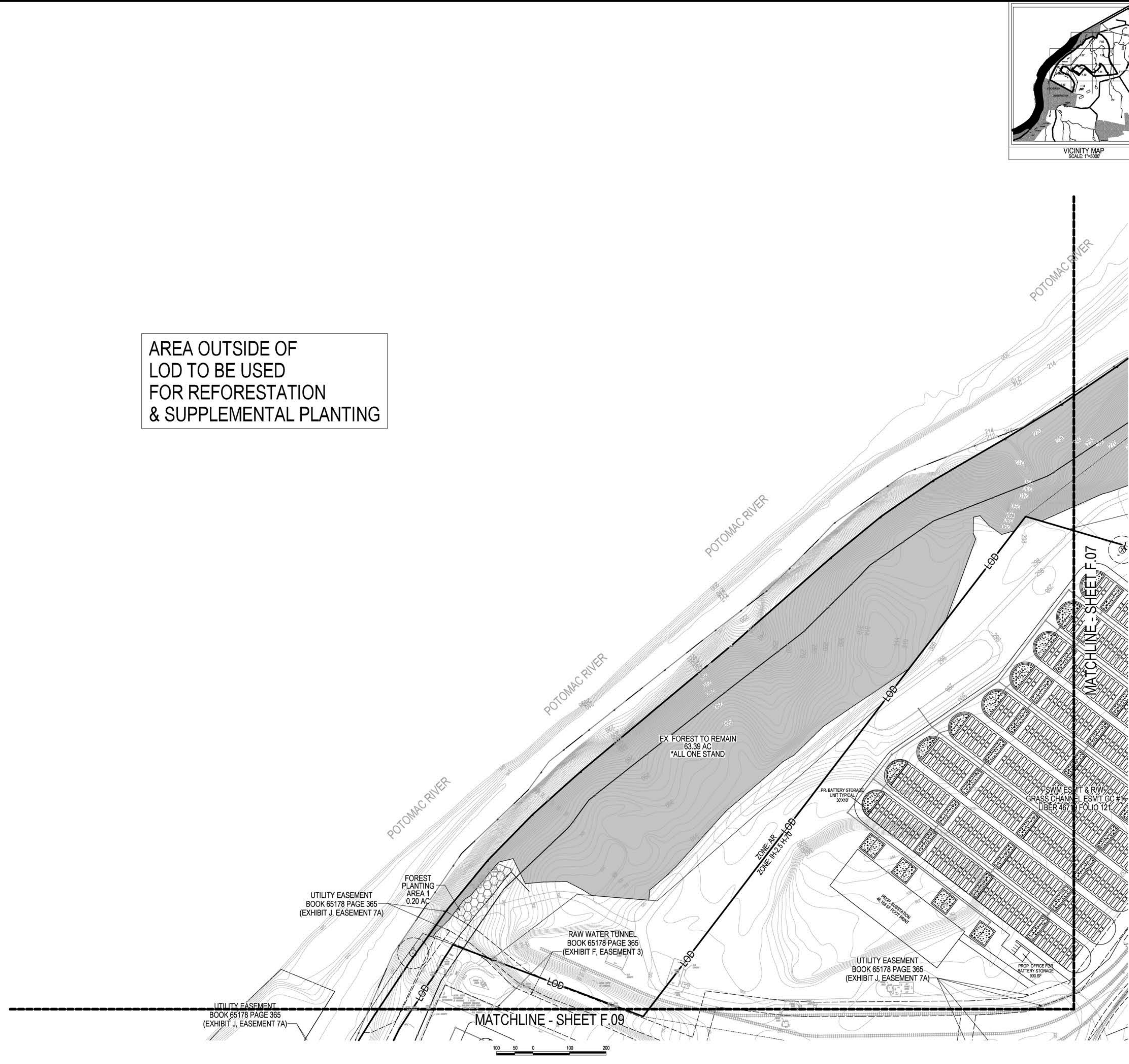
PLANNING DEPARTMENT USE ONLY (E-PLANS)

- LEGEND:**
- ◎ SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
 - SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
 - ⊗ TREE TO BE REMOVED
 - LOD — LIMIT OF DISTURBANCE (LOD)
 - LIMITS OF FOREST STAND
 - PERENNIAL STREAM
 - SVB — STREAM VALLEY BUFFER
 - W — WETLAND
 - WB — WETLAND BUFFER
 - FP — FLOODPLAIN
 - ZONING LINE
 - █ EXISTING FOREST TO REMAIN
 - ▨ EXISTING FOREST TO BE REMOVED
 - ▩ REFORESTATION AREA
 - EASEMENT/RIGHT OF WAY
 - PROPERTY BOUNDARY LINE
 - 1" — TREE SAVE FENCE
 - ... RP ... ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR

AREA OUTSIDE OF LOD TO BE USED FOR REFORESTATION & SUPPLEMENTAL PLANTING



DEVELOPER'S CERTIFICATE
 The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
 Developer's Name: Terra Energy, LLC
 Printed Company Name
 Contact Person or Owner: Jeffrey Ferrel
 Contact Person
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: [Handwritten Signature]



SOLTESZ, INC.
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 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com
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MISS UTILITY NOTE
 INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND. WELL IN ADVANCE OF THE START OF EXCAVATION CONTACT MISS UTILITY AT 1-800-251-7777. 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THE PLAN OR THESE 120 INCHES, WHOEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN 120 INCHES REQUIRE REVISIONS TO THIS PLAN.

OWNER / DEVELOPER / APPLICANT
 Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 1974 EXPIRATION DATE: 07/10/2024



06/21/2024

**PRELIMINARY FOREST CONSERVATION PLAN
 PRELIMINARY FOREST CONSERVATION PLAN
 DICKERSON POWER PLANT
 F20240620**

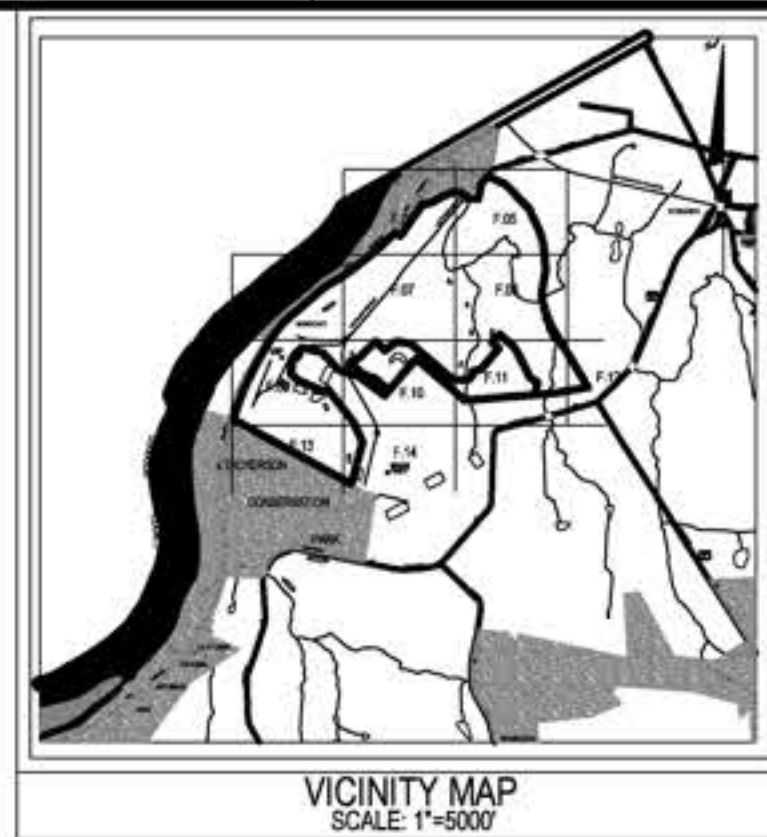
POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341; BV342; BV561; BV562	ZONING CATEGORY: AR, IH-2.5-H-70
NSIC 200 SHEET 220NW22, 220NE21 220NW22, 220NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	DESIGNED: NC
1" = 100'	TECHNICIAN: NC
SHEET F.06	CHECKED: WKD
OF F.16	CAD STC: V8 / NCS
PROJECT NO. 4025-00-00	

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OWNER / DEVELOPER / APPLICANT

Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION

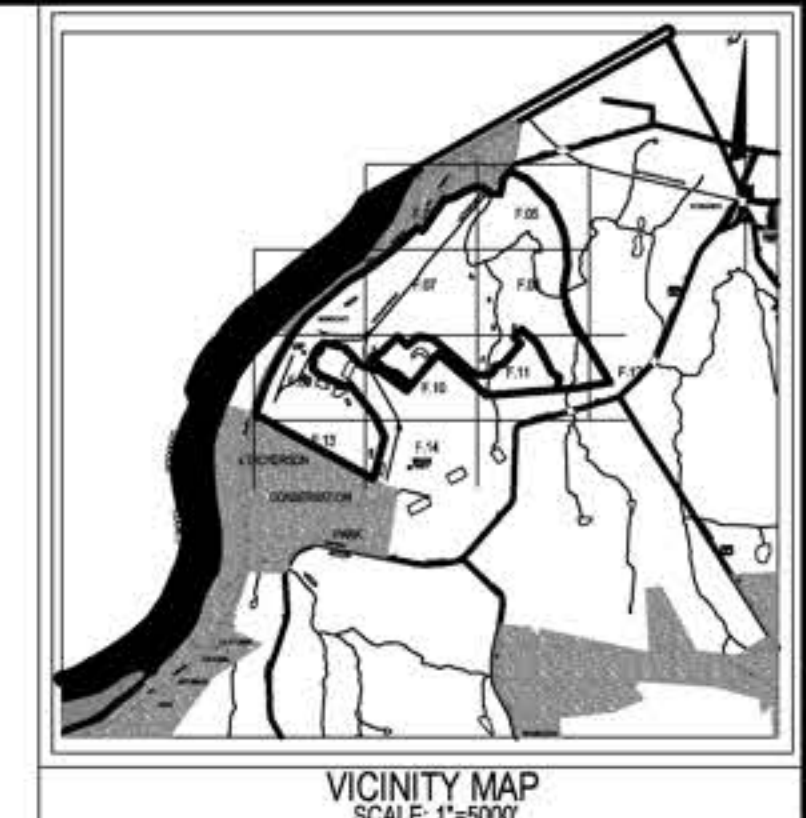
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 LICENSE NO. 1074 EXPIRATION DATE: 07/10/2024



PRELIMINARY FOREST CONSERVATION PLAN
 PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
 F20240620

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY AR, IH-2.5-H-70
NSIC 200 SHEET 220N22, 220N21, 220N22, 220N21	DESIGNED NC
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	TECHNICAL NC
DATE: 6/21/2024	CHECKED: WKD
1" = 100'	CAD STD. VERSION: V8 / NCS
SHEET F.07	PROJECT NO. 4025-00-00
OF F.16	

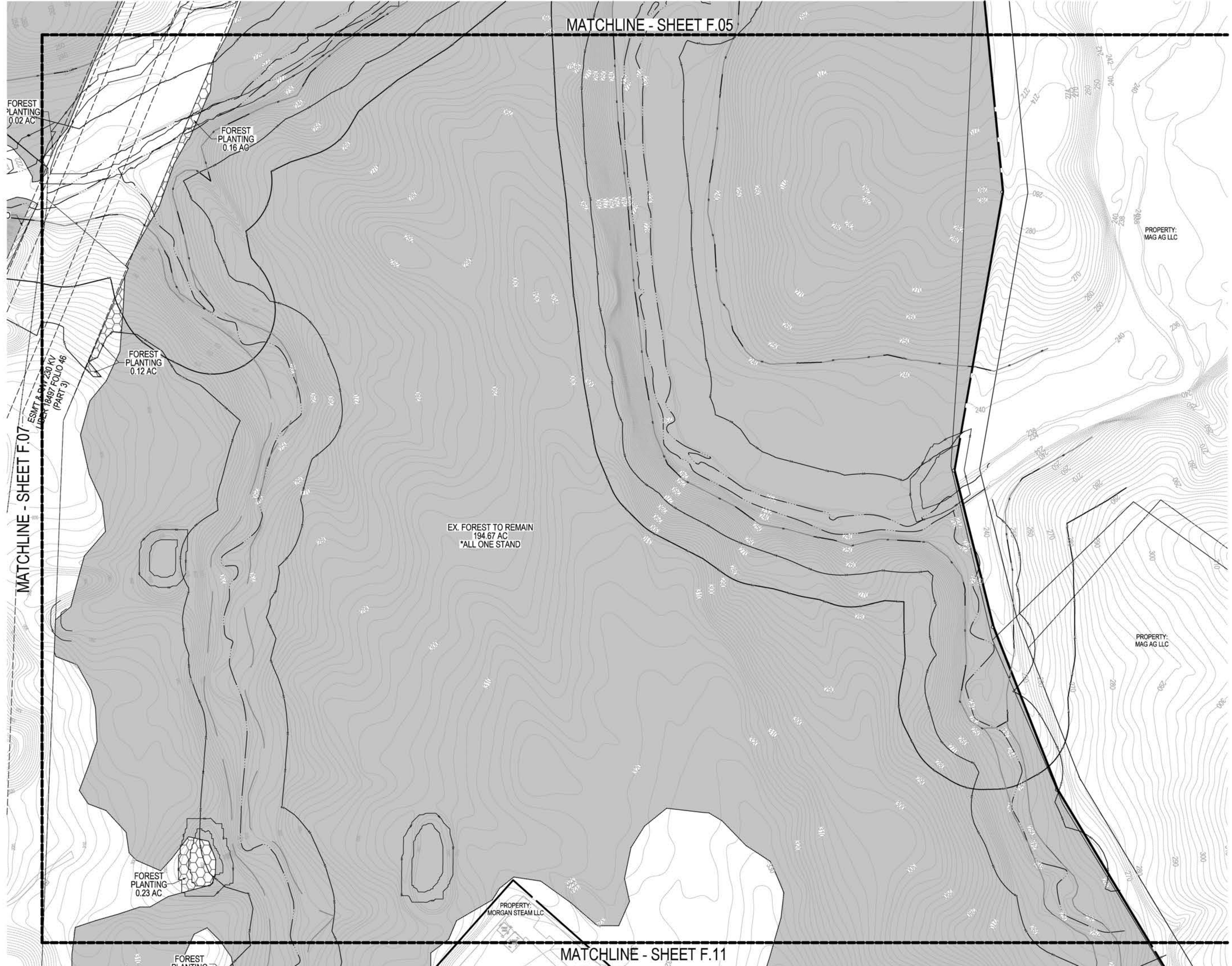
AREA OUTSIDE OF LOD TO BE USED FOR REFORESTATION & SUPPLEMENTAL PLANTING



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NO. REVISIONS BY DATE

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OWNER / DEVELOPER / APPLICANT
 Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
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 LICENSE NO. 1074 EXPIRATION DATE: 07/10/2024



06/21/2024

PRELIMINARY FOREST CONSERVATION PLAN
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
F20240620

POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

DEVELOPER'S CERTIFICATE
 The Underigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Terra Energy, LLC
 Printed Company Name: _____
 Contact Person or Owner: Jeffrey Ferrel
 Contact Person: _____
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: _____

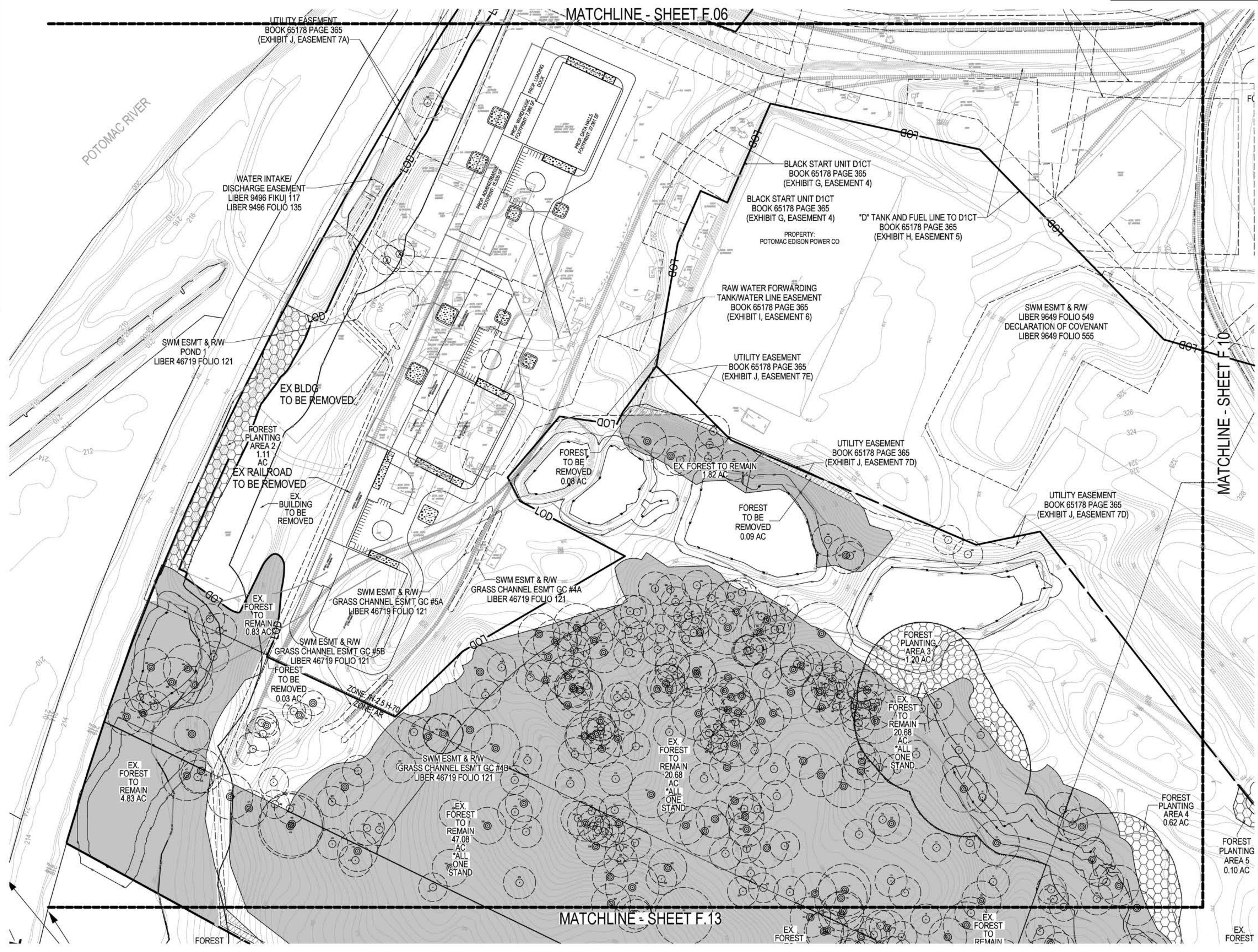
TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY: AR, IH, Z5, H-70
NSIC 200 SHEET 220NW22, 220NE21, 220NW22, 220NW21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC	
SHEET: F.08 OF: F.16	CHECKED: WKD CADD STAFF: V8 / NCS
PROJECT NO. 4025-00-00	



AREA OUTSIDE OF LOD TO BE USED FOR REFORESTATION & SUPPLEMENTAL PLANTING

PLANNING DEPARTMENT USE ONLY (E-PLANS)

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NO.	REVISIONS	BY	DATE

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OWNER / DEVELOPER / APPLICANT
Terra Energy, LLC
13409 Strawbale Lane
Damascus, MD 20878
540 223 3954
Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
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LICENSE NO. 1074 EXPIRATION DATE: 07/31/2024



06/21/2024

**PRELIMINARY FOREST CONSERVATION PLAN
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
F20240620**

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY AR, IH-2.5 H-70
NSIC 200 SHEET 220NW22, 220NE21, 220NW22, 220NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	DESIGNED: NC
1" = 100'	TECHNICIAN: NC
SHEET F.09	CHECKED: WKD
OF F.16	VERSION: V8 / NCS
PROJECT NO. 4025-00-00	

DEVELOPER'S CERTIFICATE
The Underwriter agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
Developer's Name: Terra Energy, LLC
Printed Company Name: _____
Contact Person or Owner: Jeffrey Ferrel
Contact Person: _____
Address: 13409 Strawbale Lane, Damascus, MD
Phone: (540) 223-3954
Signature: _____

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**AREA OUTSIDE OF
LOD TO BE USED
FOR REFORESTATION
& SUPPLEMENTAL PLANTING**

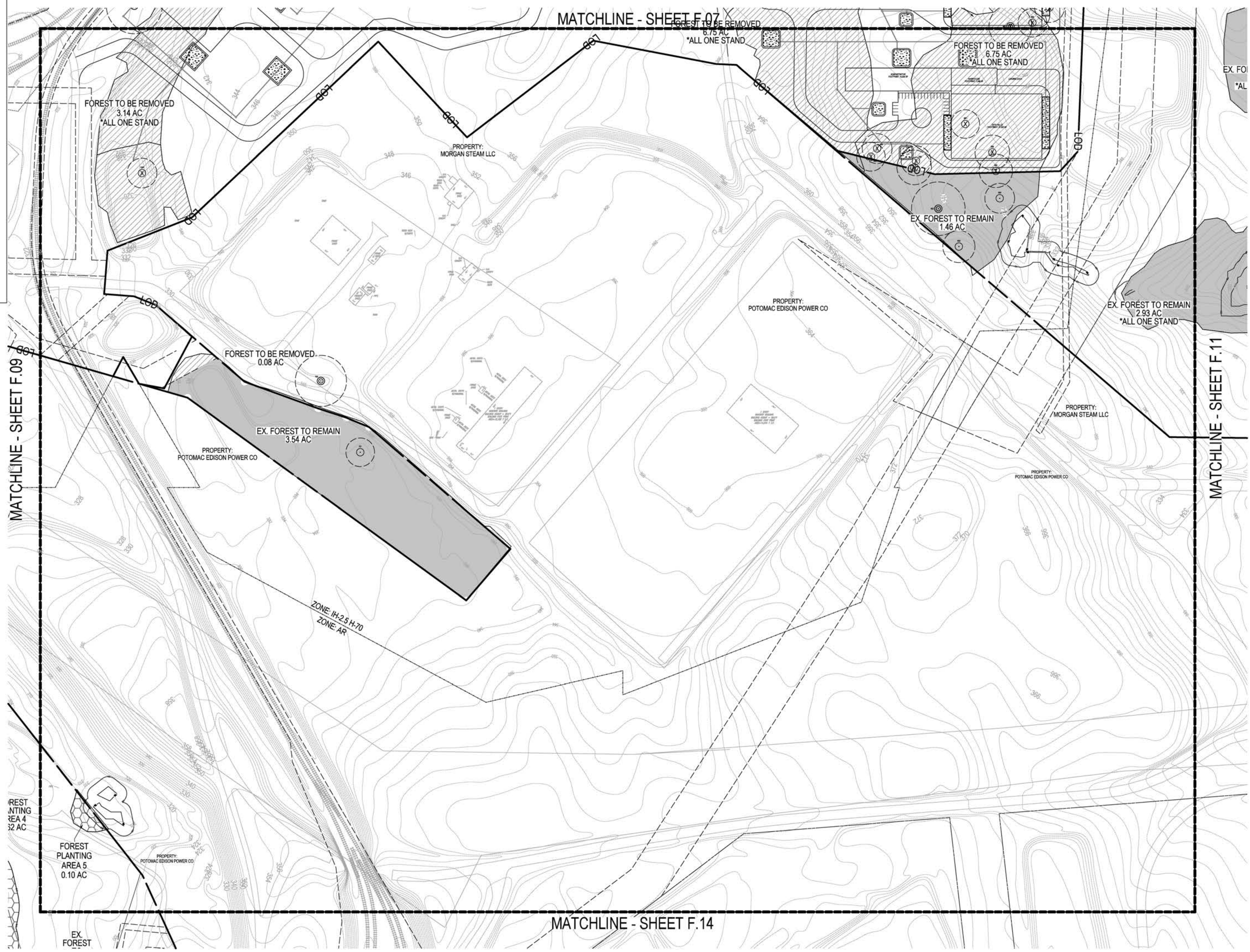
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 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

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SCALE: 1" = 100'

DEVELOPER'S CERTIFICATE
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Developer's Name: Terra Energy, LLC
 Printed Company Name: _____
 Contact Person or Owner: Jeffrey Ferrel
 Contact Person: _____
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: _____

REST
 PLANTING
 AREA 4
 32 AC

FOREST
 PLANTING
 AREA 5
 0.10 AC

MATCHLINE - SHEET F.14



REVISIONS

NO.	REVISIONS	BY	DATE

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OWNER / DEVELOPER / APPLICANT
 Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
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 LICENSE NO. 1074 EXPIRATION DATE: 07/10/2024



06/21/2024

**PRELIMINARY FOREST CONSERVATION PLAN
 PRELIMINARY FOREST CONSERVATION PLAN
 DICKERSON POWER PLANT
 F20240620**

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY: AR, IH-2.5 H-70
WSSC 200 SHEET 2204NW2, 2204NE1 2204NW2, 2204NE1	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	DESIGNED: NC
1" = 100'	TECHNICIAN: NC
SHEET F.10 OF F.16	CHECKED: WKD CADD STAFF: VERSION: V8 / NCS
PROJECT NO. 4025-00-00	

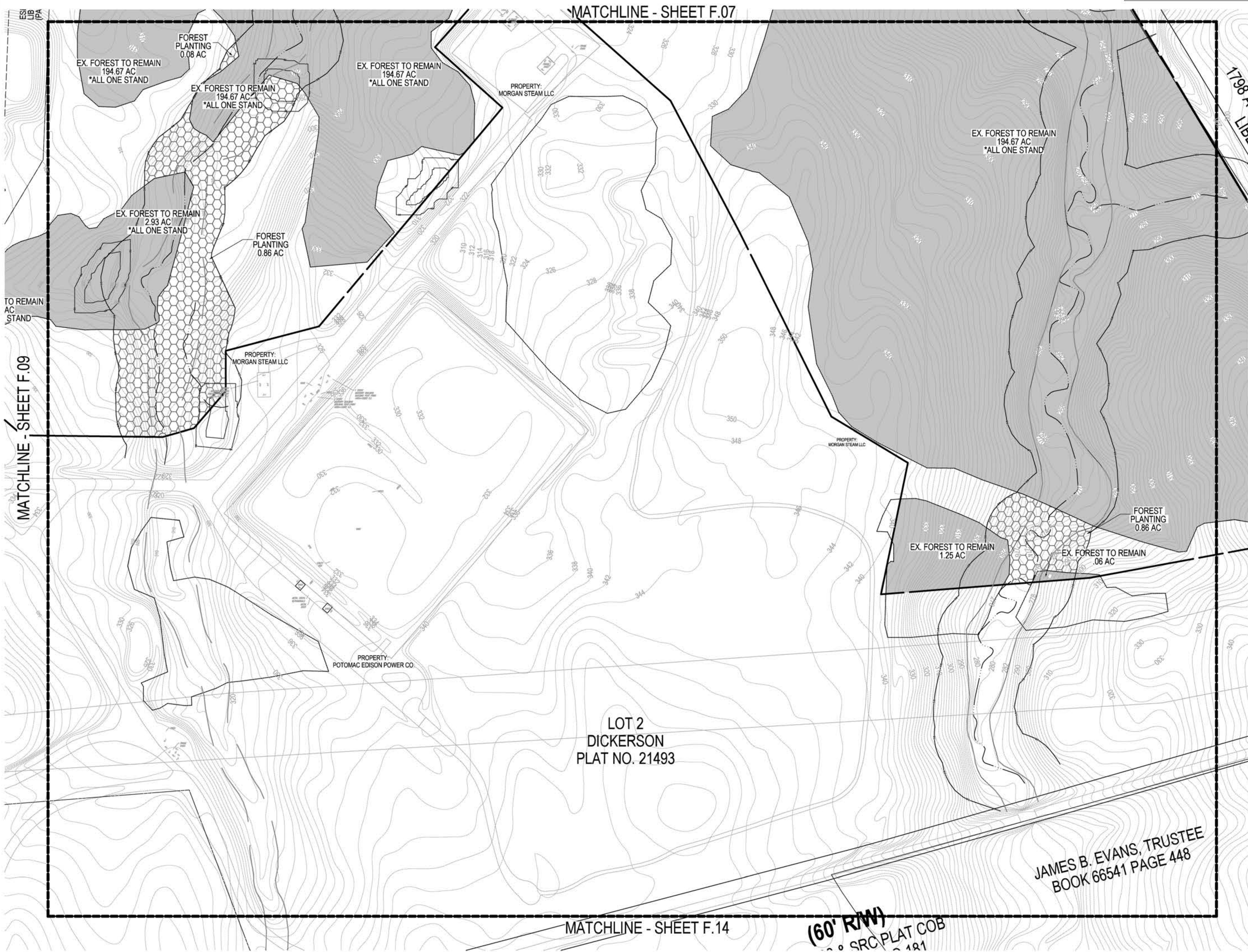
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 - WETLAND BUFFER
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SCALE: 1" = 100'



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06/21/2024

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PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
F20240620

POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

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 Developer's Name: Terra Energy, LLC
 Printed Company Name: _____
 Contact Person or Owner: Jeffrey Ferrel
 Contact Person: _____
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: _____

JAMES B. EVANS, TRUSTEE
 BOOK 66541 PAGE 448

MATCHLINE - SHEET F.14

(60' RW) SRC PLAT COB 181

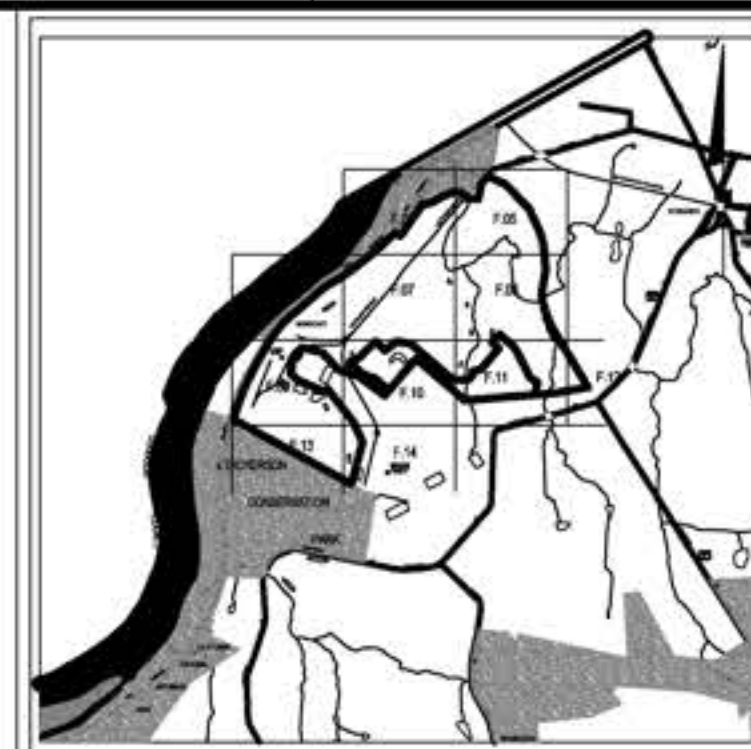


TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY AR, IH-2.5-H-70
NSIC 200 SHEET 220NW22, 220NE21, 220NW22, 220NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	DESIGNED: NC
1" = 100'	TECHNICIAN: NC
SHEET F.11	CHECKED: WKD
OF F.16	CAD STC: V8 / NCS
PROJECT NO. 4025-00-00	DATE: 6/21/2024

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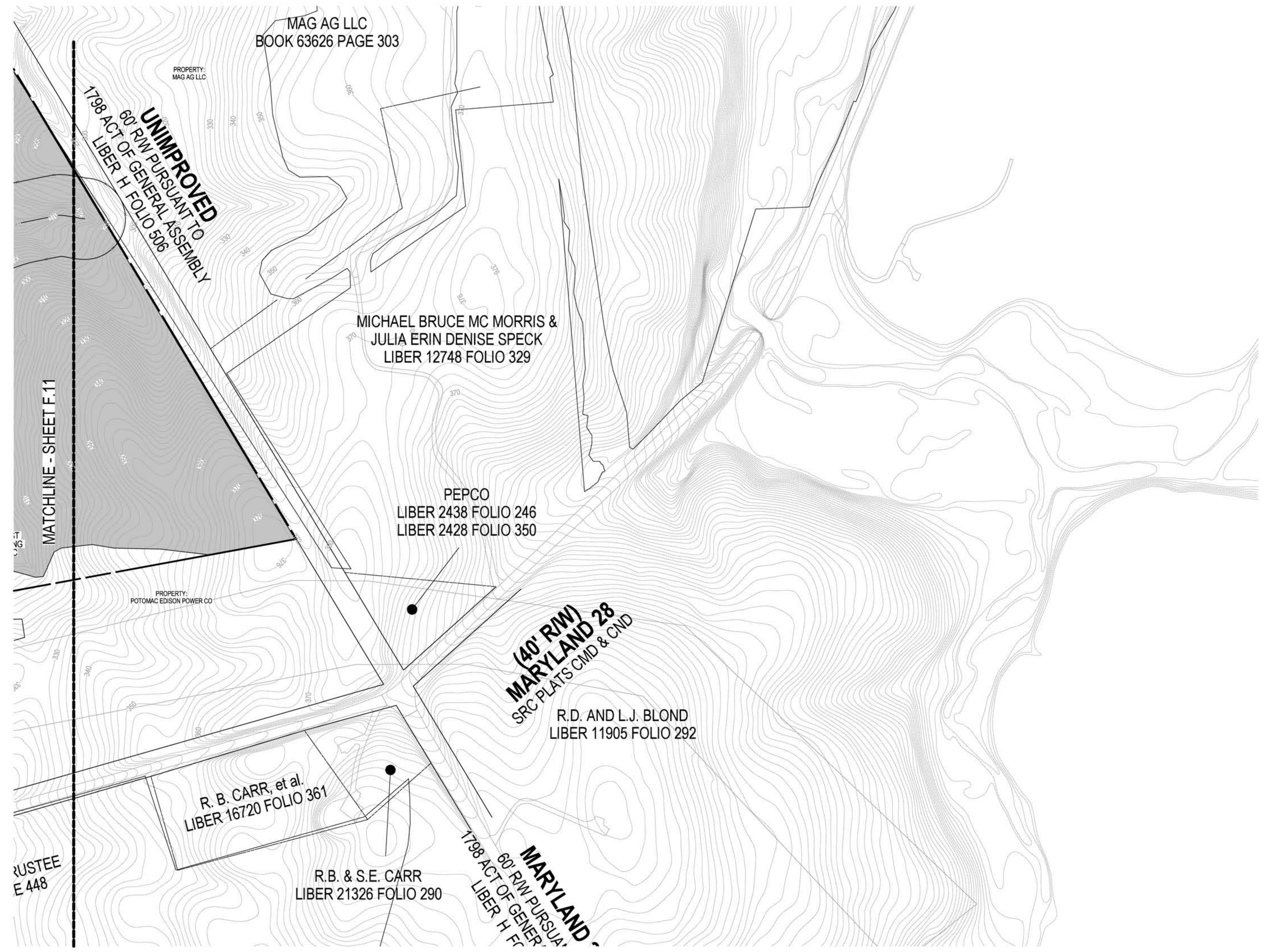
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PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
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POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND



SCALE: 1" = 100'



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 The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
 Developer's Name: Terra Energy, LLC
 Contact Person or Owner: Jeffrey Ferrel
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: [Signature]

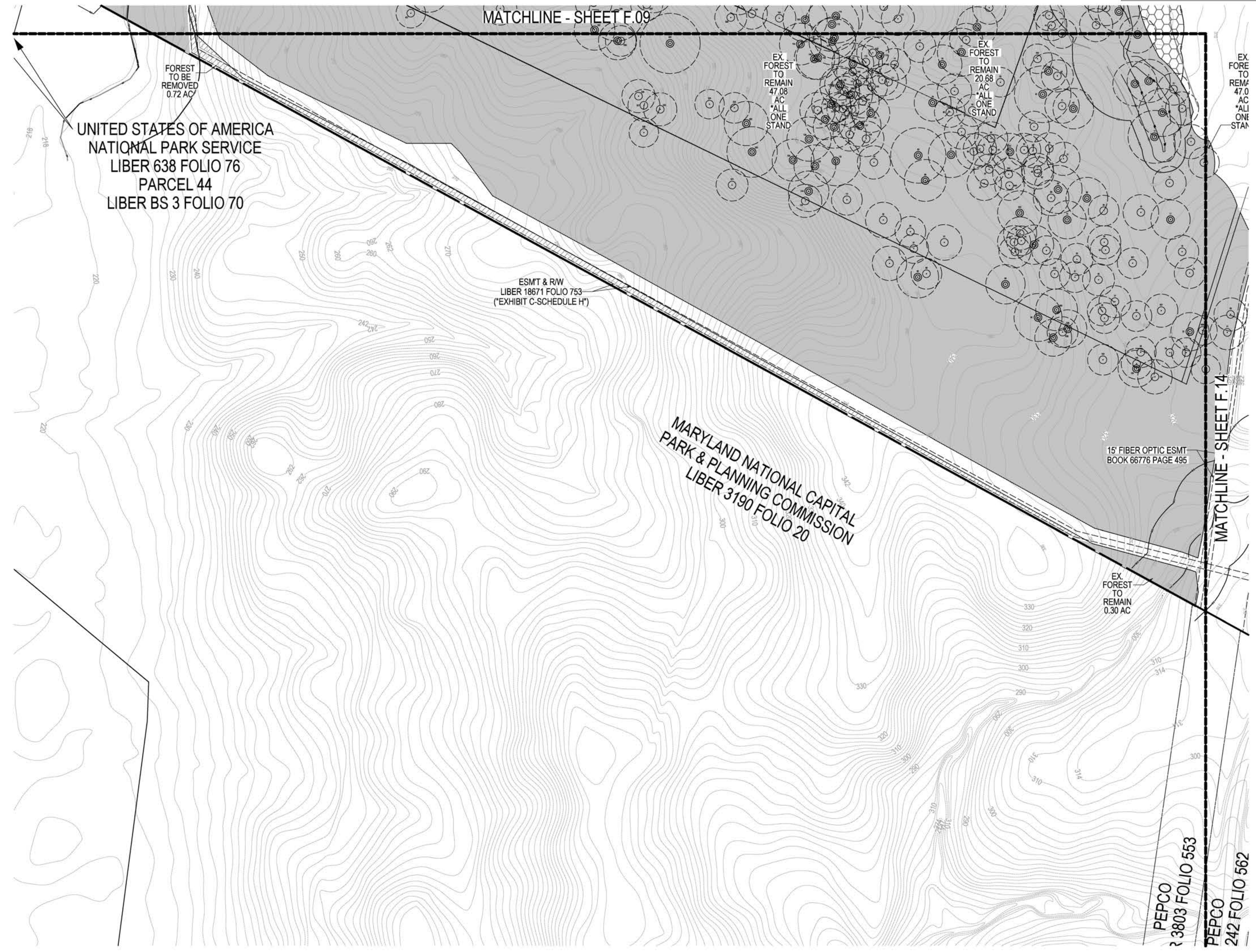
TAX MAP BV341; BV342 BV561; BV562	ZONING CATEGORY: AR, IH, Z-5, H-70
NSIC 200 SHEET 220N1W22, 220N1E21 220N1W22, 220N1V21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC	
CHECKED: WKD CAD STD. VERSION: V8 / NCS	
SHEET OF F.12 F.16	
PROJECT NO. 4025-00-00	

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**AREA OUTSIDE OF
LOD TO BE USED
FOR REFORESTATION
& SUPPLEMENTAL PLANTING**

PLANNING DEPARTMENT USE ONLY (E-PLANS)

- LEGEND:**
- ⊙ SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
 - SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
 - ⊗ TREE TO BE REMOVED
 - LOD LIMIT OF DISTURBANCE (LOD)
 - LIMITS OF FOREST STAND
 - PERENNIAL STREAM
 - STREAM VALLEY BUFFER
 - WETLAND
 - WETLAND BUFFER
 - FLOODPLAIN
 - ZONING LINE
 - EXISTING FOREST TO REMAIN
 - EXISTING FOREST TO BE REMOVED
 - REFORESTATION AREA
 - EASEMENT/RIGHT OF WAY
 - PROPERTY BOUNDARY LINE
 - TREE SAVE FENCE
 - ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR



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 www.solteszco.com

Engineering
 Surveying
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 Environmental Sciences

NO.	REVISIONS	BY	DATE

MISS UTILITY NOTE
 INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT MISS UTILITY AT 1-800-321-7777 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR THICKER THAN 12 INCHES, WHOEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER / DEVELOPER / APPLICANT
 Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 1924 EXPIRATION DATE: 07/31/2024



PRELIMINARY FOREST CONSERVATION PLAN
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
 F20240620

POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

DEVELOPER'S CERTIFICATE
 The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
 Developer's Name: Terra Energy, LLC
 Printed Company Name: _____
 Contact Person or Owner: Jeffrey Ferrel
 Contact Person: _____
 Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954
 Signature: _____

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY AR, IH-2.5-H-70
NSIC 200 SHEET 220NW22, 220NE21, 220NW22, 220NW21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NGVD29	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC	
SHEET: F.13 OF: F.16	CHECKED: WKD CAD STC: VB / NCS
PROJECT NO. 4025-00-00	

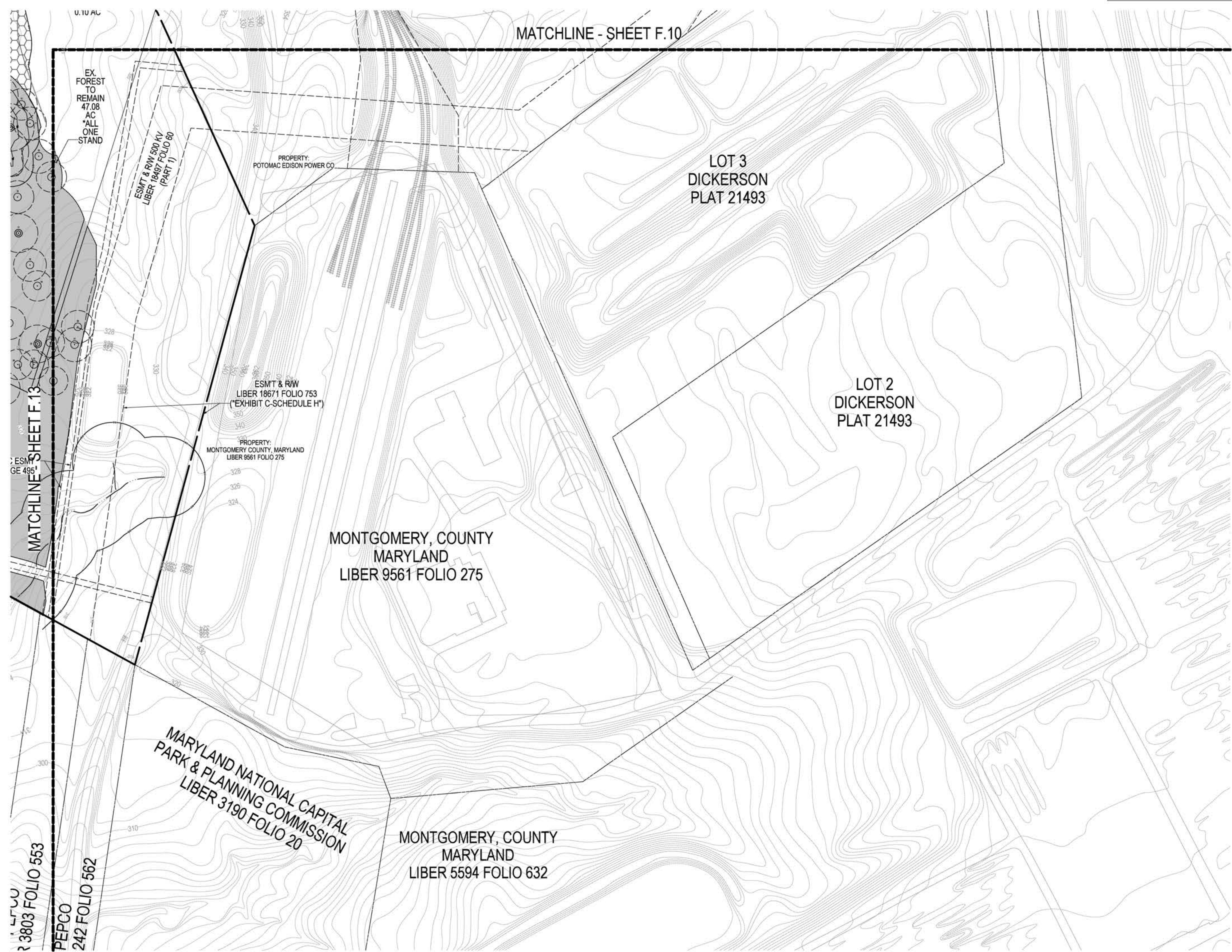


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REFERENCE GRID: A B C D E F G H I J K L M N O

AREA OUTSIDE OF LOD TO BE USED FOR REFORESTATION & SUPPLEMENTAL PLANTING

- PLANNING DEPARTMENT USE ONLY (E-PLANS)**
- LEGEND:**
- ⊙ SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
 - SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
 - ⊗ TREE TO BE REMOVED
 - LIMIT OF DISTURBANCE (LOD)
 - LIMITS OF FOREST STAND
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 - STREAM VALLEY BUFFER
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NO.	REVISIONS	BY	DATE

MISS UTILITY NOTE

INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT MISS UTILITY AT 1-800-221-7771 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THE PLAN OR THESE 120 INCHES, WHOEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THE PLAN.

OWNER / DEVELOPER / APPLICANT

Terra Energy, LLC
 13409 Strawbale Lane
 Darnestown, MD 20878
 540 223 3954
 Jeffrey Ferrel

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 1074 EXPIRATION DATE: 07/31/2024



06/21/2024

**PRELIMINARY FOREST CONSERVATION PLAN
 DICKERSON POWER PLANT
 F20240620**

POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

DEVELOPER'S CERTIFICATE

The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: Terra Energy, LLC
 Printed Company Name: _____

Contact Person or Owner: Jeffrey Ferrel
 Contact Person: _____

Address: 13409 Strawbale Lane, Darnestown, MD
 Phone: (540) 223-3954

Signature: _____

TAX MAP BV341, BV342 BV561, BV562	ZONING CATEGORY AR, IH-2.5 H-70
NSIC 200 SHEET 220NW22, 220NE21 220NW22, 220NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	DESIGNED: NC
1" = 100'	TECHNICIAN: NC
SHEET F.14	CHECKED: WKD
OF F.16	CAD STG. VERSION: VB / NCS
PROJECT NO. 4025-00-00	



PLANNING DEPARTMENT USE ONLY (E-PLANS)
DEVELOPER'S CERTIFICATE
This Undergraduate agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.
Developer's Name: Terra Energy, LLC
Contact Person or Owner: Jeffery Ferrel
Address: 13409 Strawale Lane, Damersdom, MD
Phone: (410) 223-3954

Table with 15 columns: Tree #, Outside Study Area, Common Name, Scientific Name, DBH (inches), CRZ (ft), CRZ Impacted (sq ft), % CRZ Impacted, Condition, Save/Remove. Contains 184 rows of tree data.

Table with 15 columns: Tree #, Outside Study Area, Common Name, Scientific Name, DBH (inches), CRZ (ft), CRZ Impacted (sq ft), % CRZ Impacted, Condition, Save/Remove. Contains 184 rows of tree data.

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Damersdom, MD 20878
540 223 3954
Jeffery Ferrel
PROFESSIONAL CERTIFICATION
NOTES AND DETAILS
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
F20240620
TAX MAP
BVS41, BVS42, BVS61, BVS52
ZONING CATEGORY:
AR, H, 2.5-H-70
DATE: 6/21/2024
DESIGNED: NC
CHECKED: WKC
DATE: 6/21/2024
SHEET: F.15
PROJECT NO.: 4025-00-0

