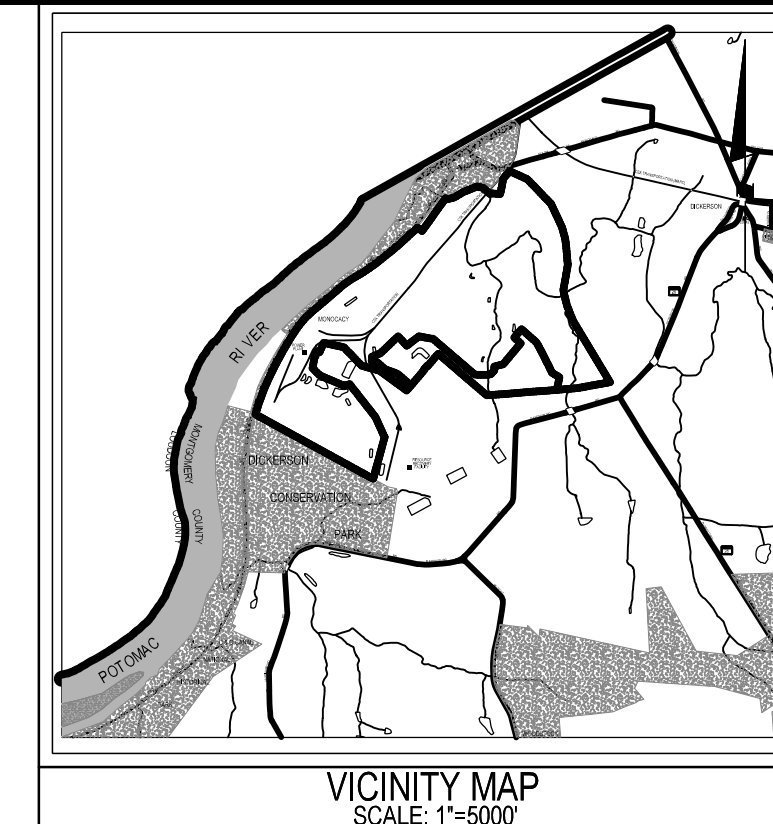


DICKERSON POWER PLANT

PRELIMINARY FOREST CONSERVATION PLAN

#F20240620

POOLSVILLE (3RD) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND



SOLTESZ, INC.
ROCKVILLE OFFICE
2 Research Place, Suite 100
Rockville, MD 20850
P. 301.948.2750 F. 301.948.9067
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 total reforestation and afforestation required	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

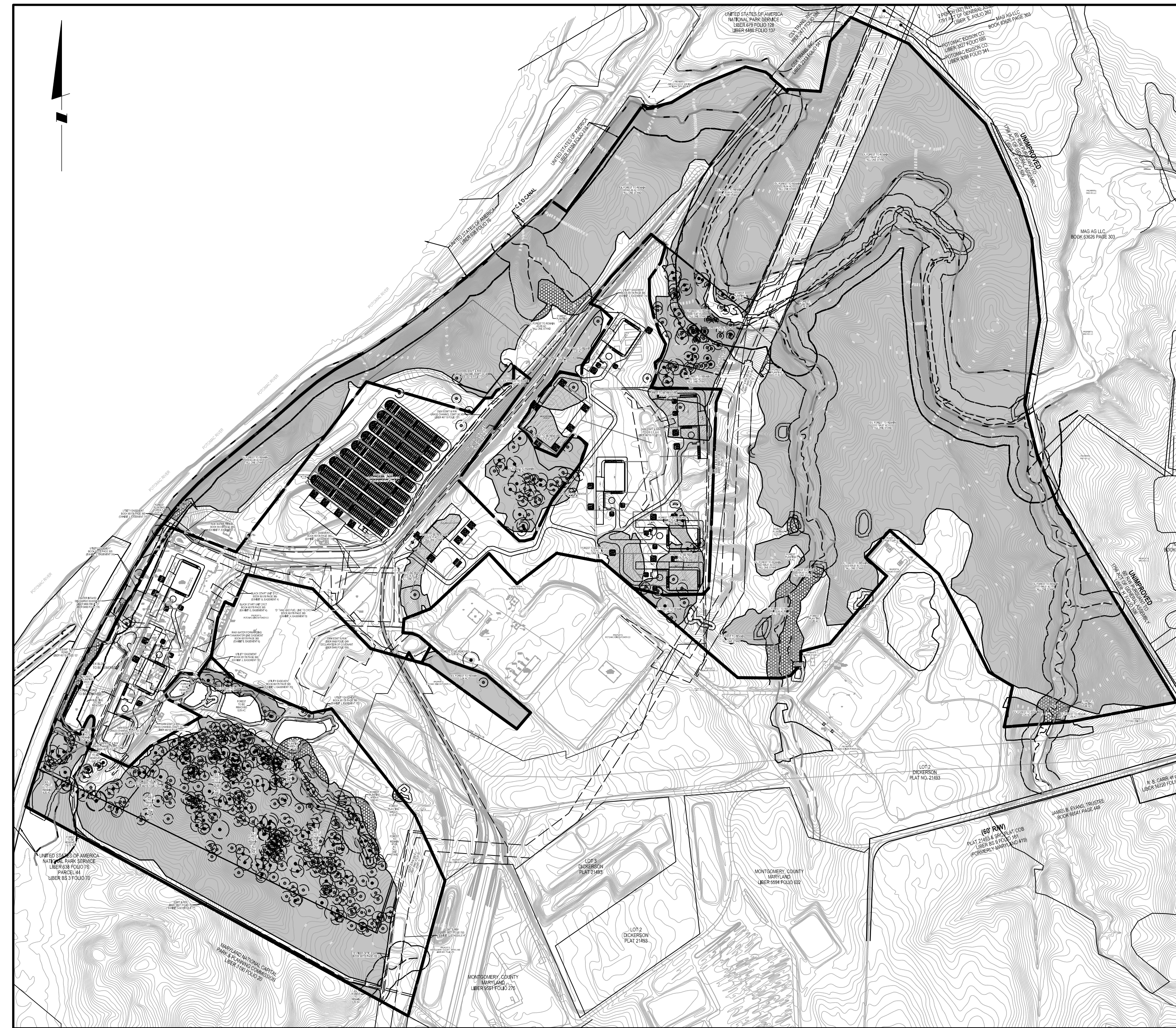
PLANTING REQUIREMENTS:

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 total reforestation and afforestation required	0.00
V. Total reforestation and afforestation required	0.00

worksheet date: 5/13/2019

LAND DEDICATION FOR ROADS OR UTILITIES:

INDUSTRIAL ZONED:	AGRICULTURAL ZONED:
EASEMENT & R/W 500 KV	EASEMENT & R/W 500 KV
LIBER 18497 FOLIO 60: 4.67 AC.	LIBER 18497 FOLIO 60: 9.53 AC.
EASEMENT & R/W 230 KV	EASEMENT & R/W 230 KV
LIBER 18497 FOLIO 46: 0.08 AC.	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 KNOW RARE THREATENED, OR ENDANGERED SPECIED 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
- W— WETLAND
- WB— WETLAND BUFFER
- F— 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
- 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 Ferrel
Contact Person: _____
Address: 13409 Strawbale Lane, Darnestown, MD
Phone: (540) 223-3954
Signature: *Jeffrey Ferrel*

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 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. 1074 EXPIRATION DATE: 07/01/2024



06/21/2024

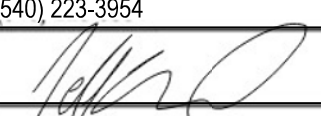
COVER SHEET
PRELIMINARY FOREST CONSERVATION PLAN
DICKERSON POWER PLANT
F20240620
POOLSVILLE (3RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341 BV342 BV561 BV562	ZONING CATEGORY: AR, IH-2.5, H-70
NSD 200 SHEET 229N/W22, 229N/W21 229N/W22, 229N/W21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NSD 8891 VERTICAL: NSD 8929	DESIGNED: NC TECHNICAL: NC CHECKED: WKD CAD STYL: V8 / NCS VERSION:
SHEET OF F.01 F.16	PROJECT NO. 4025-00-00

The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ), this document was not obtained directly from SOLTESZ, and/or it was transmitted electronically. SOLTESZ cannot guarantee that unauthorized changes and/or alterations were not made by others. If verification of the information contained herein is needed, contact should be made directly with SOLTESZ. SOLTESZ makes no warranties, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

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

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: 



SOLTESZ, INC.
ROCKVILLE OFFICE
2 Research Place, Suite 100
Rockville, MD 20850
P. 301.948.2750 F. 301.948.9067
www.solteszco.com

Engineering
Surveying
Planning
Environmental Sciences

NO.	REVISIONS	BY	DATE

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



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

TAX MAP BV341, BV342 BV561, BV562	ZONING CATEGORY: AR, IH, 2.5, H, 70
WSSG SHEET Z29NW22, Z29NE21 Z29NW22, Z29NW21	
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC CHECKED: WKD CAD STYL: V8 / NCS VERSION:	
SHEET OF F.02 F.16	
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.

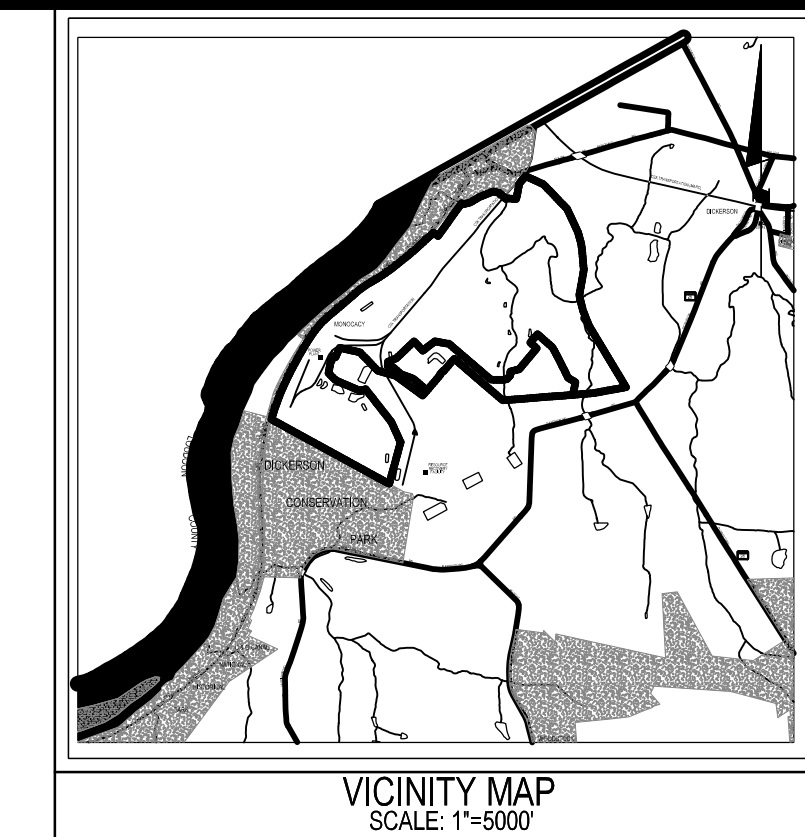
Developer's Name: Terra Energy, LLC
 Printed Company Name

Contact Person or Owner: Jeffrey Ferrel
 Contact Person

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

Signature: *Jeffrey Ferrel*

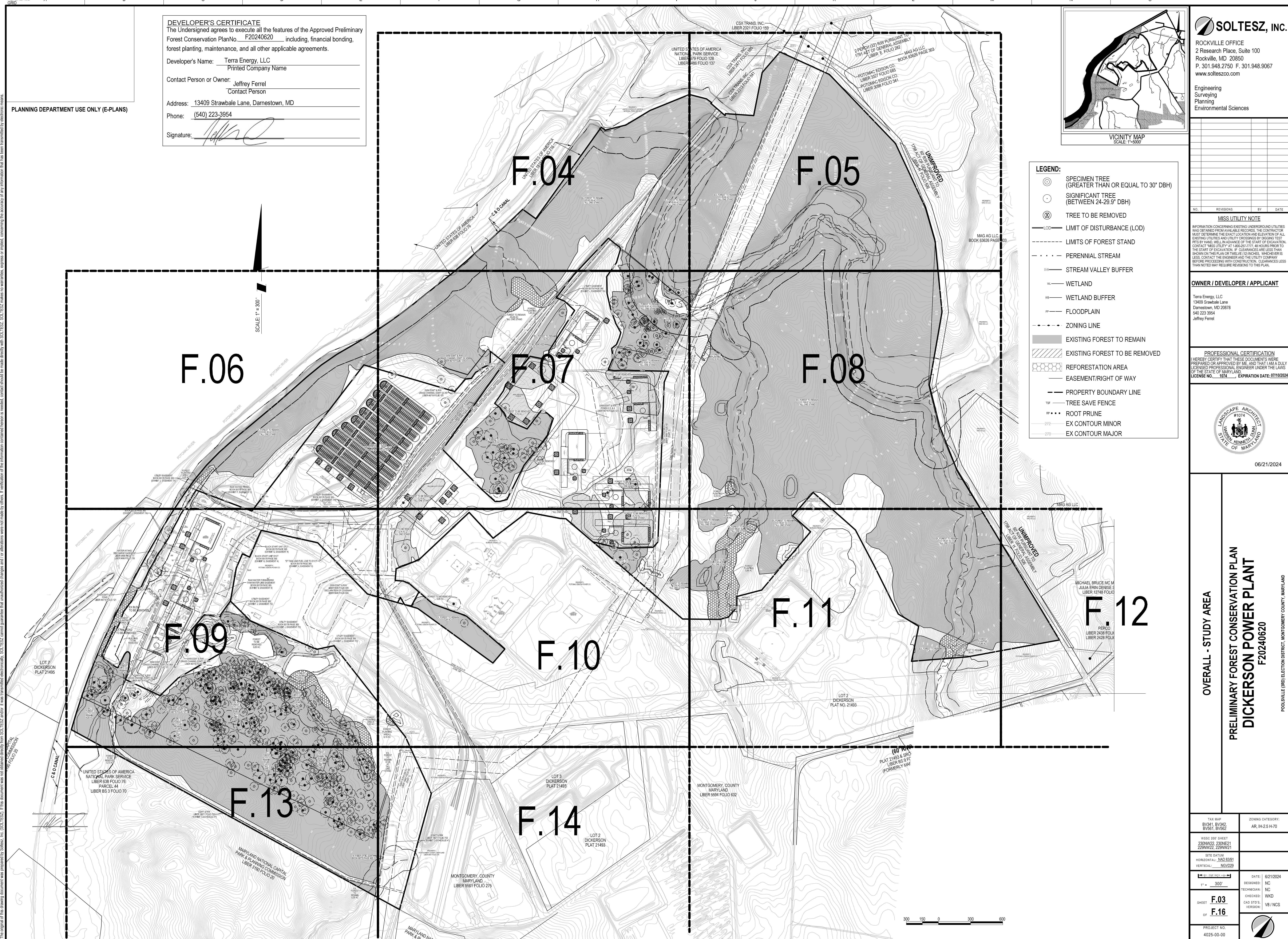
PLANNING DEPARTMENT USE ONLY (E-PLANS)



SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

Engineering
 Surveying
 Planning
 Environmental Sciences

- 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
 - SV — STREAM VALLEY BUFFER
 - W — WETLAND
 - WB — WETLAND BUFFER
 - F — FLOODPLAIN
 - - - ZONING LINE
 - █ EXISTING FOREST TO REMAIN
 - ▨ EXISTING FOREST TO BE REMOVED
 - ▨ REFORESTATION AREA
 - EASEMENT/RIGHT OF WAY
 - — — PROPERTY BOUNDARY LINE
 - 15P — TREE SAVE FENCE
 - ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR



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 1-800-327-7747 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: 07/10/2024



06/21/2024

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

TAX MAP BV341 BV342 BV561 BV562	ZONING CATEGORY: AR, IH, 2.5, H-70
WISC 200 SHEET 229N122, 229N21 229N122, 229N21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC CHECKED: WKD CAD STYL: V8 / NCS VERSION:	
SHEET F.03 OF F.16	
PROJECT NO. 4025-00-00	

The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from SOLTESZ, and/or it was transmitted electronically. SOLTESZ cannot guarantee that unauthorized changes and/or alterations were not made by others. If verification of the information contained herein is needed, contact should be made directly with SOLTESZ. SOLTESZ makes no warranties, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

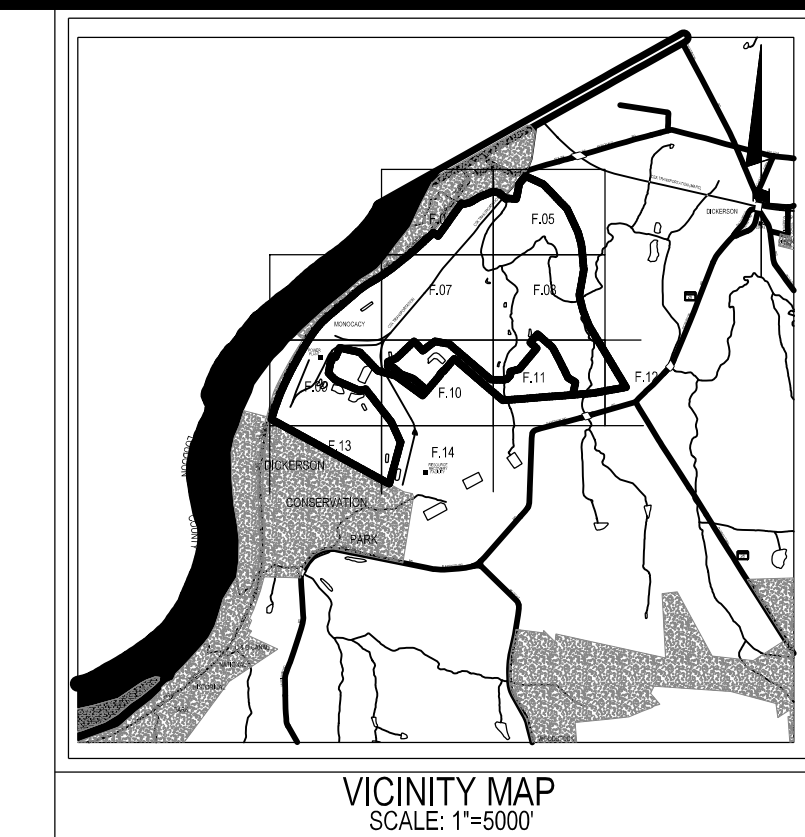
The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from SOLTESZ, Inc. SOLTESZ, Inc. cannot guarantee that unauthorized changes and/or alterations were not made by others. If verification of the information contained herein is needed, contact should be made directly with SOLTESZ, Inc. SOLTESZ makes no warranties, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

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
 - 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
 - RP ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR

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



SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

Engineering
 Surveying
 Planning
 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 1-800-251-7777 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS 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 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. 1074 EXPIRATION DATE: 07/01/2024



06/21/2024

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

TAX MAP BV341, BV342, BV351, BV352	ZONING CATEGORY: AR, IH, 2.5, H-70
WSSC 200 SHEET 228NW22, 230NE21, 228NW22, 228NW21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC CHECKED: WKD CAD STYL: V8 / NCS VERSION:	
SHEET F.04 OF F.16	
PROJECT NO. 4025-00-00	

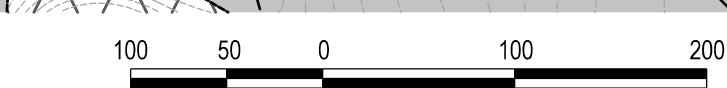
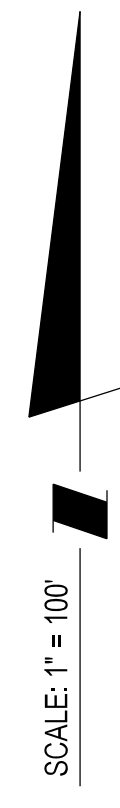
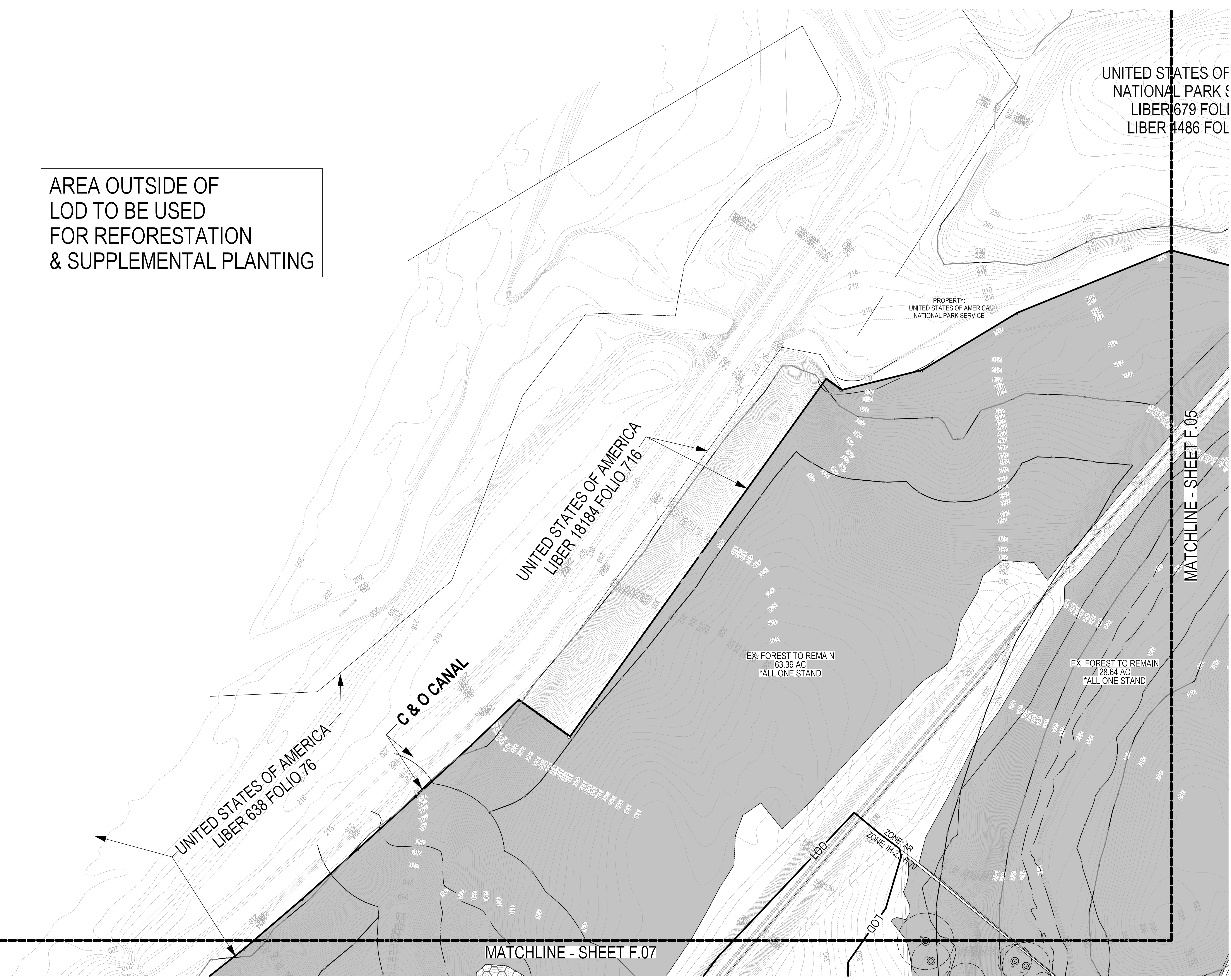
DEVELOPER'S CERTIFICATE
 The Undersigned agrees to execute all the features of the Approved Preliminary Forest Conservation Plan No. F20240620 including, financial bonding, forest planting, maintenance, and all other applicable agreements.

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]*

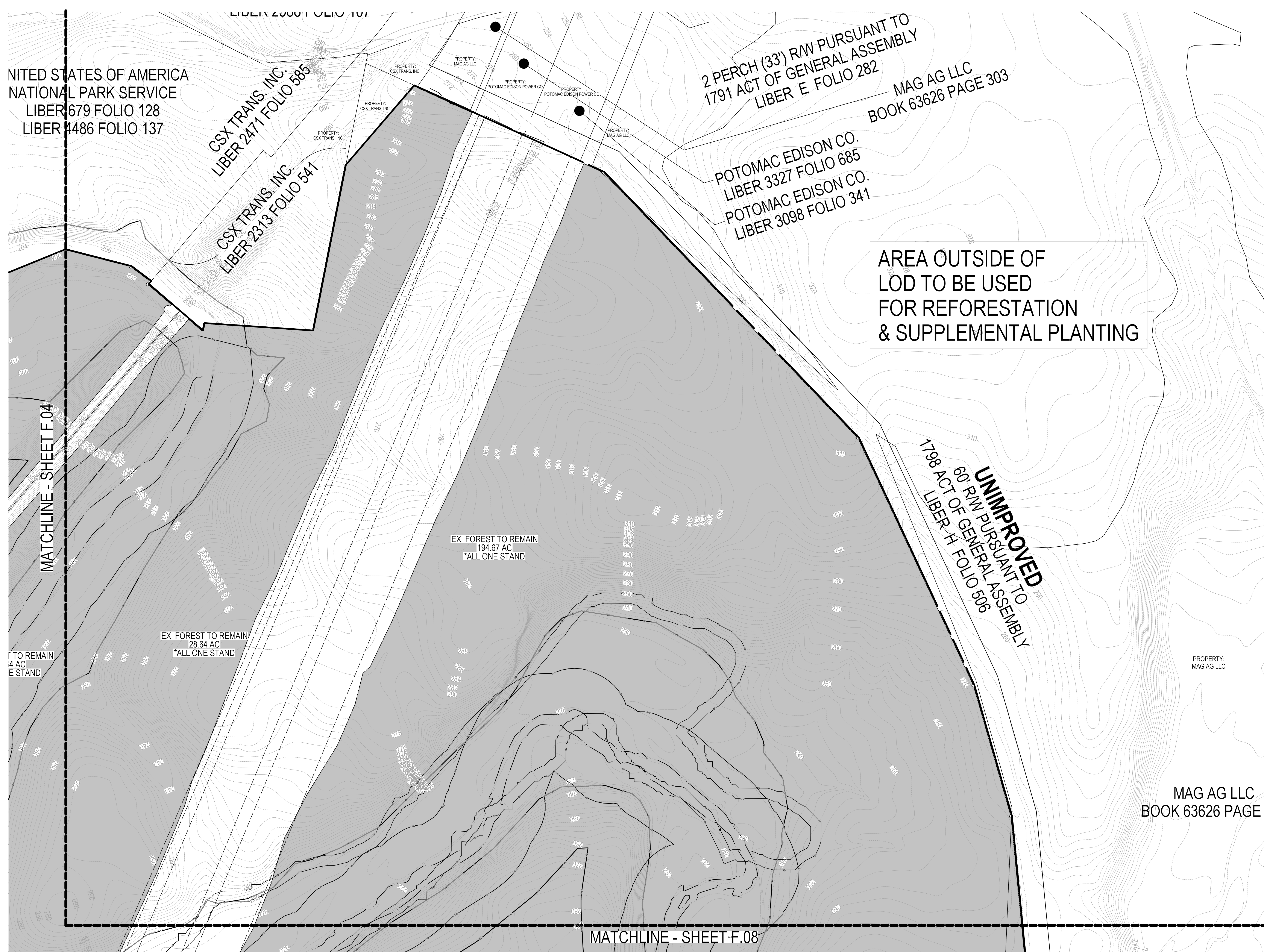


The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from SOLTESZ, Inc. SOLTESZ, Inc. makes no warranty, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

PLANNING DEPARTMENT USE ONLY (E-PLANS)

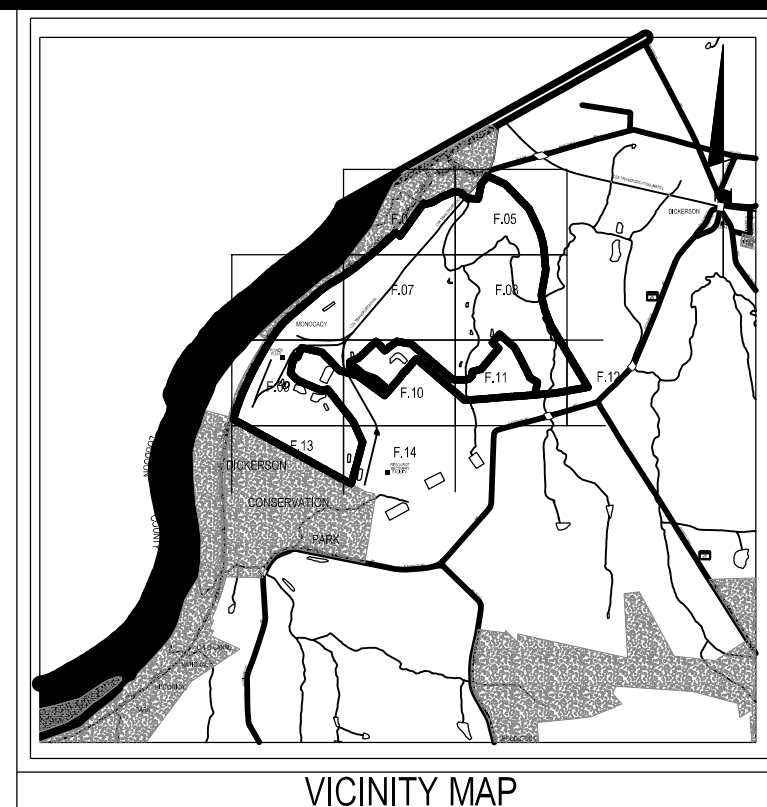
- LEGEND:**
- SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
 - SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
 - ⊗ TREE TO BE REMOVED
 - LOD LIMIT OF DISTURBANCE (LOD)
 - LIMITS OF FOREST STAND
 - PERENNIAL STREAM
 - SVB STREAM VALLEY BUFFER
 - WETLAND
 - WB WETLAND BUFFER
 - FP FLOODPLAIN
 - ZONING LINE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

SCALE: 1" = 100'



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]*

SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com
 Engineering
 Surveying
 Planning
 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 1-800-251-7777 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS 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 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. 1074 EXPIRATION DATE: 07/01/2024



06/21/2024

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

POOLSVILLE (PFD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341 BV342 BV561 BV562	ZONING CATEGORY: AR, IH,2.5 H-70
WSSC 200 SHEET 229NW22, 229NE21 229NW22, 229NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	DESIGNED: NC
1" = 100'	CHECKED: WKD
SHEET F.05 OF F.16	CAD STYL. VERSION: V8 / NCS
PROJECT NO. 4025-00-00	

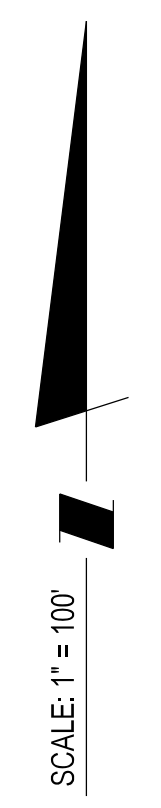
The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from Soltesz, Inc. (SOLTESZ). SOLTESZ cannot guarantee that unauthorized changes and/or alterations were not made by others. If verification of the information contained herein is needed, contact should be made directly with SOLTESZ. SOLTESZ makes no warranties, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

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

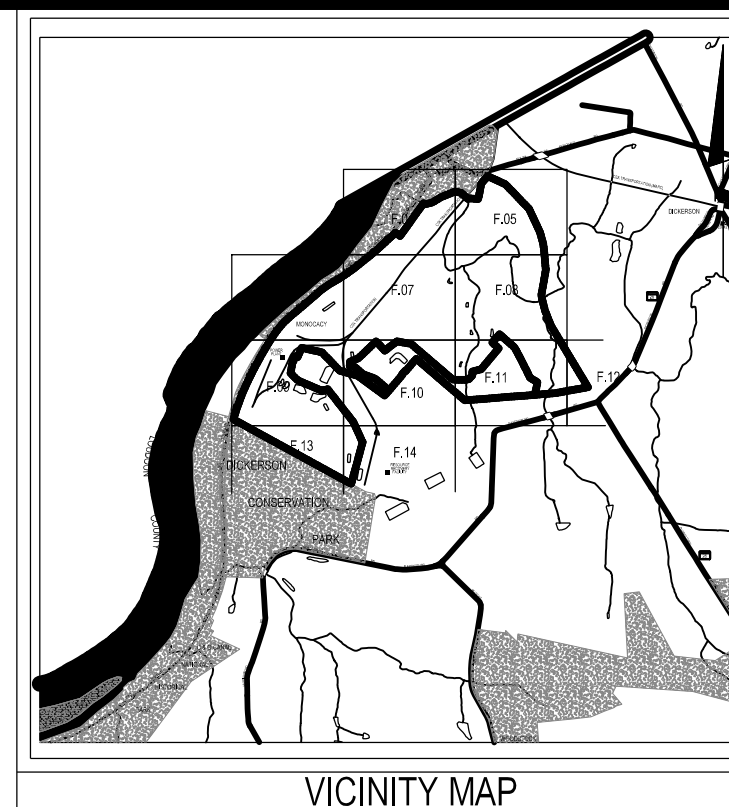
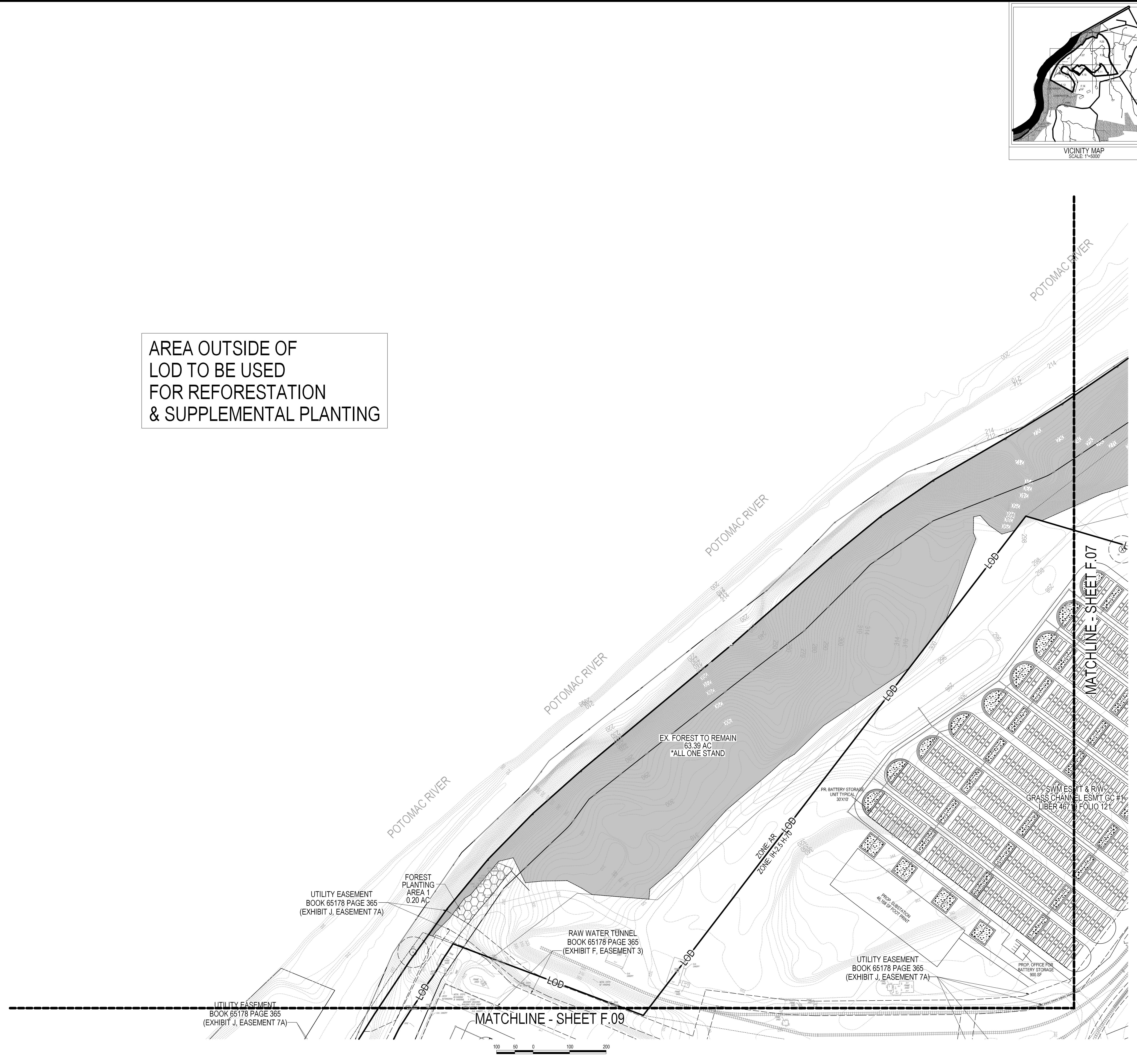
PLANNING DEPARTMENT USE ONLY (E-PLANS)

- 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
 - 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
 - TF 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: *[Signature]*



SOLTESZ, INC.
ROCKVILLE OFFICE
2 Research Place, Suite 100
Rockville, MD 20850
P. 301.948.2750 F. 301.948.9067
www.solteszco.com
Engineering
Surveying
Planning
Environmental Sciences

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 THIS 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 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. 1074 EXPIRATION DATE: 07/01/2024



06/21/2024

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

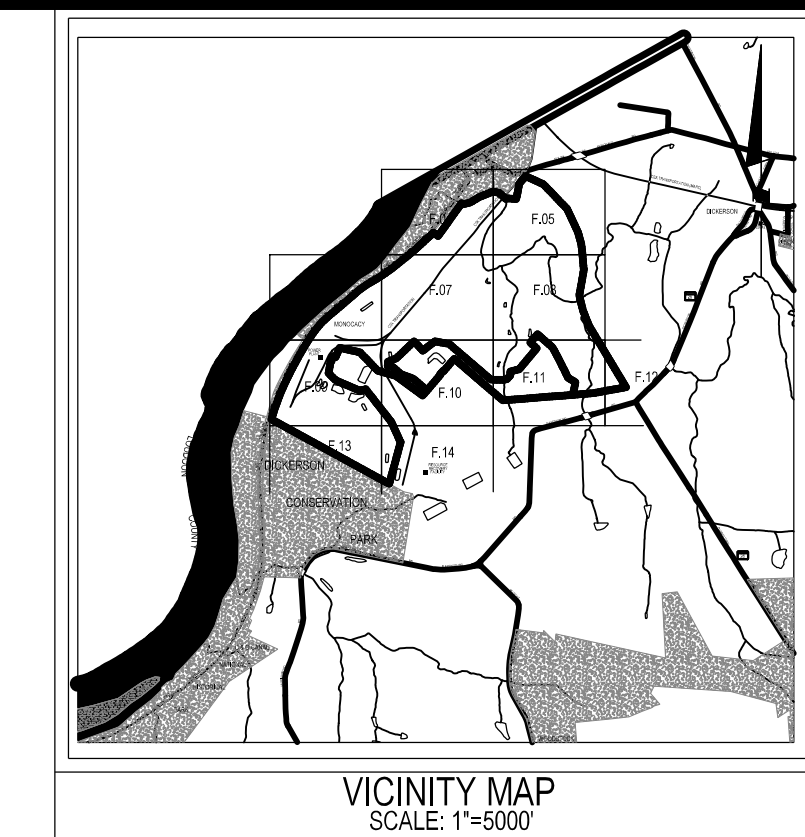
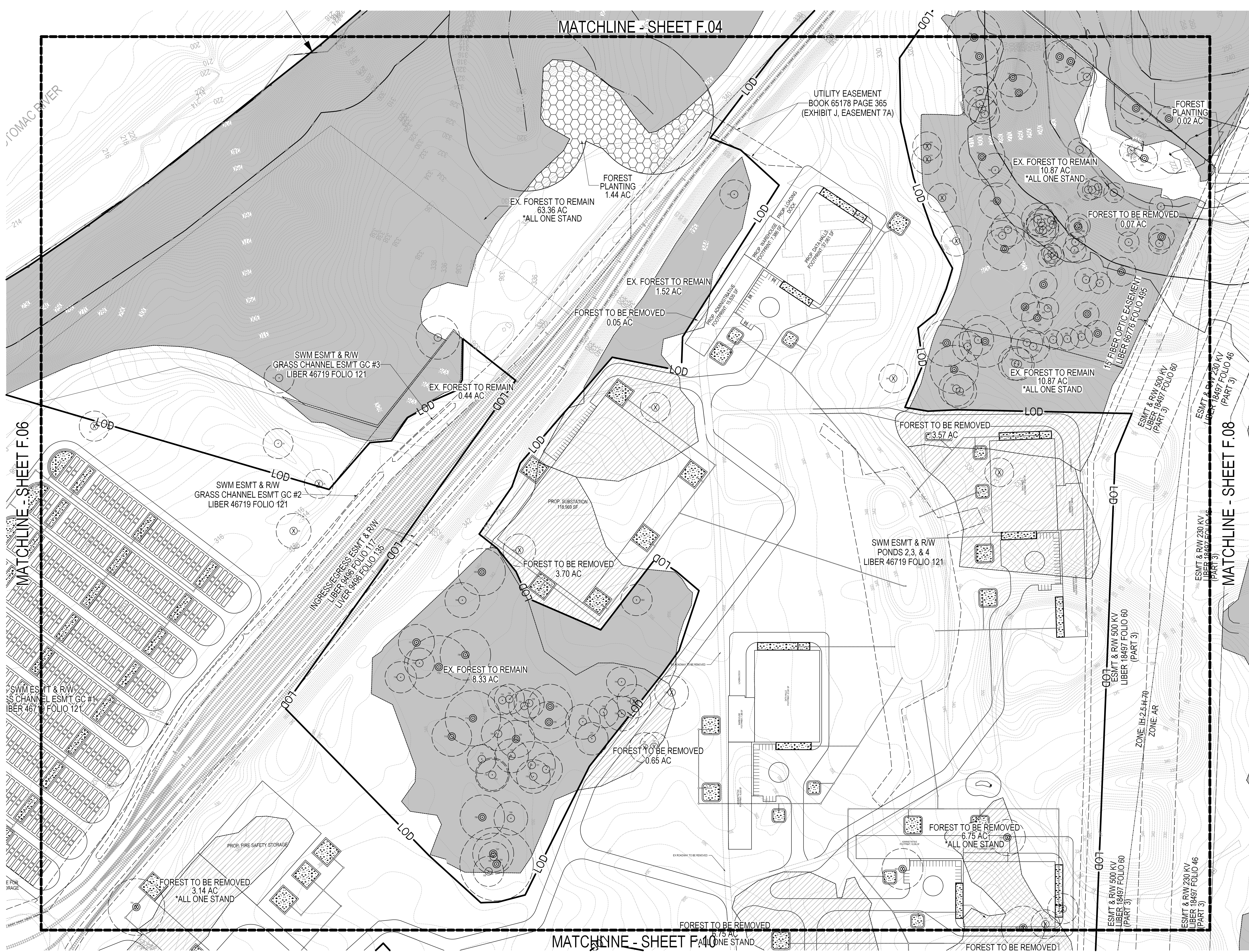
TAX MAP BV341 BV342 BV551 BV552	ZONING CATEGORY: AR IH.25 H-70
NSIC 200 SHEET 229NW22 229NE21 229NW22 229NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	DESIGNED: NC
SCALE: 1" = 100'	TECHNICIAN: NC
SHEET F.06 OF F.16	CHECKED: WKD CAD STYL: V8 / NCS VERSION:
PROJECT NO. 4025-00-00	

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
 - 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



SOLTESZ, INC.

ROCKVILLE OFFICE
2 Research Place, Suite 100
Rockville, MD 20850
P. 301.948.2750 F. 301.948.9067
www.solteszco.com

Engineering
Surveying
Planning
Environmental Sciences

NO. REVISIONS BY DATE

MISS UTILITY NOTE

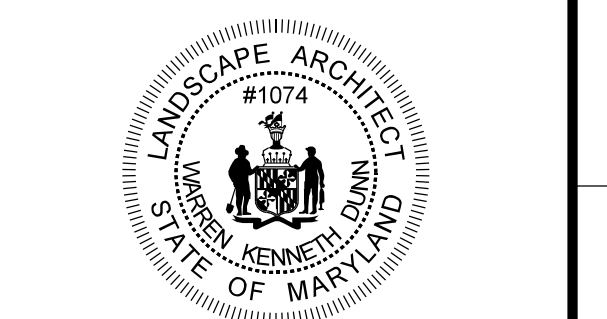
INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DESIGN TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT MISS UTILITY AT 1-800-251-7777 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS 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 THIS PLAN.

OWNER / DEVELOPER / APPLICANT

Terra Energy, LLC
13409 Strawbale Lane
Damers town, 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 DULY 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

MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341 BV342 BV561 BV562	ZONING CATEGORY: AR IH.25 H-70
NSIC: 200 SHEET 229N022 229N21 229N022 229N21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	DESIGNED: NC
SCALE: 1" = 100'	CHECKED: WKD
SHEET OF F.07 F.16	CAD STYL: 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

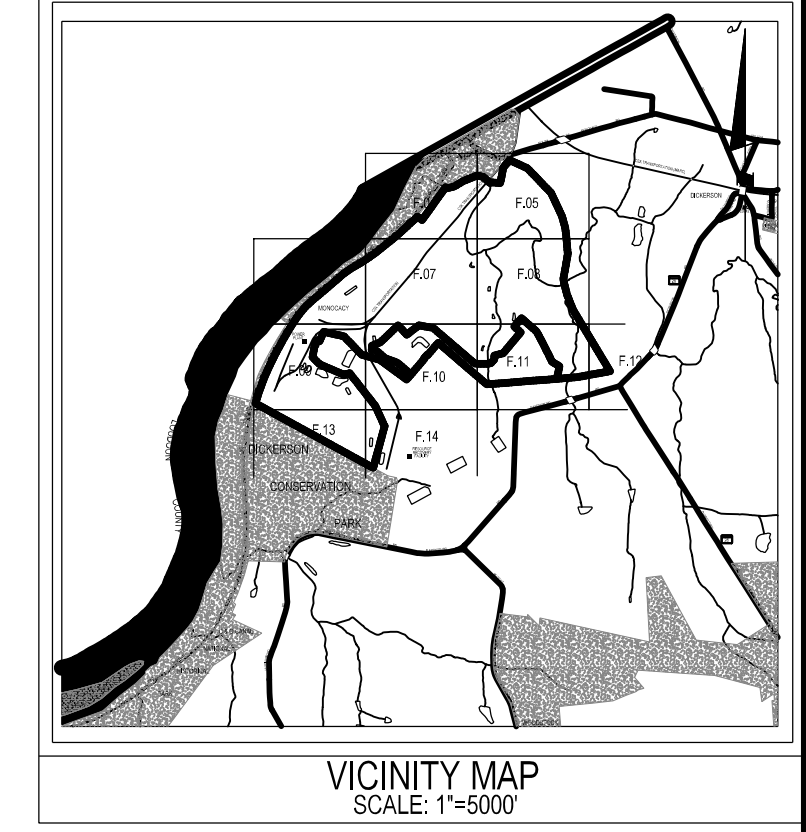
Contact Person or Owner: Jeffrey Ferrel
Contact Person

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

Signature: *[Signature]*

The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from SOLTESZ, Inc. and was transmitted electronically. SOLTESZ cannot guarantee that unauthorized changes and/or alterations were not made by others. If verification of the information contained herein is needed, contact should be made directly with SOLTESZ. SOLTESZ makes no warranties, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

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

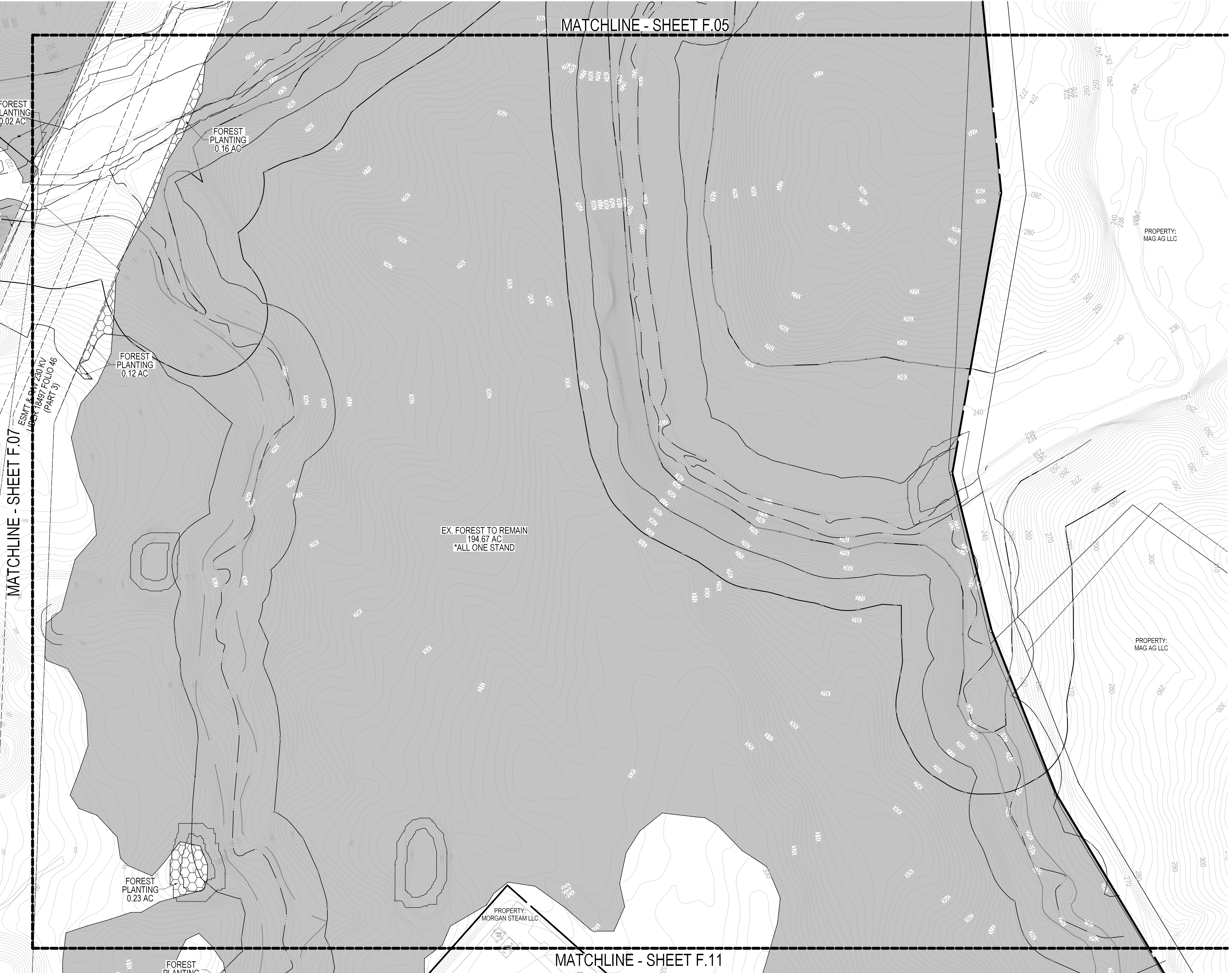


SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

Engineering
 Surveying
 Planning
 Environmental Sciences

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

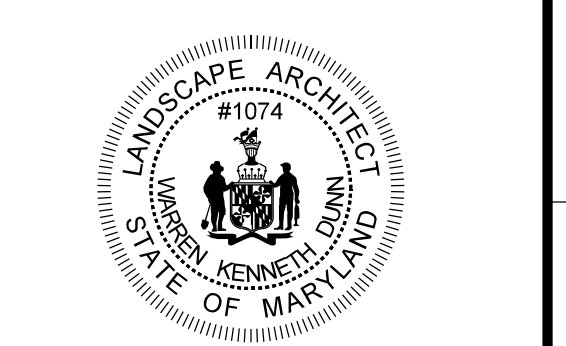


NO. REVISIONS BY DATE

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 1-800-251-1777 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. 1074 EXPIRATION DATE: 07/10/2024



06/21/2024

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

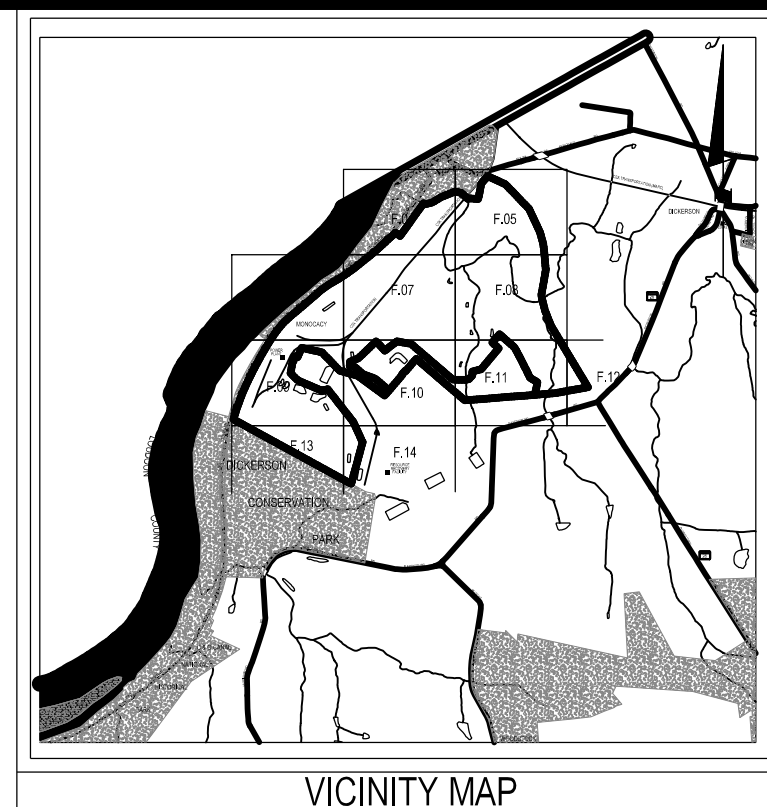
POOLSVILLE (RD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

DEVELOPER'S CERTIFICATE
 The 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: *Jeffrey Ferrel*

TAX MAP BV341, BV342, BV351, BV352 WSSC 200' SHEET 229NW22, 229NE21, 229NW22, 229NW21 SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83 SCALE: 1" = 100' SHEET: F.08 OF F.16 PROJECT NO.: 4025-00-00	ZONING CATEGORY: AR, IH.25, H-70 DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC CHECKED: WKD CAD STYL: V8 / NCS VERSION:
---	--

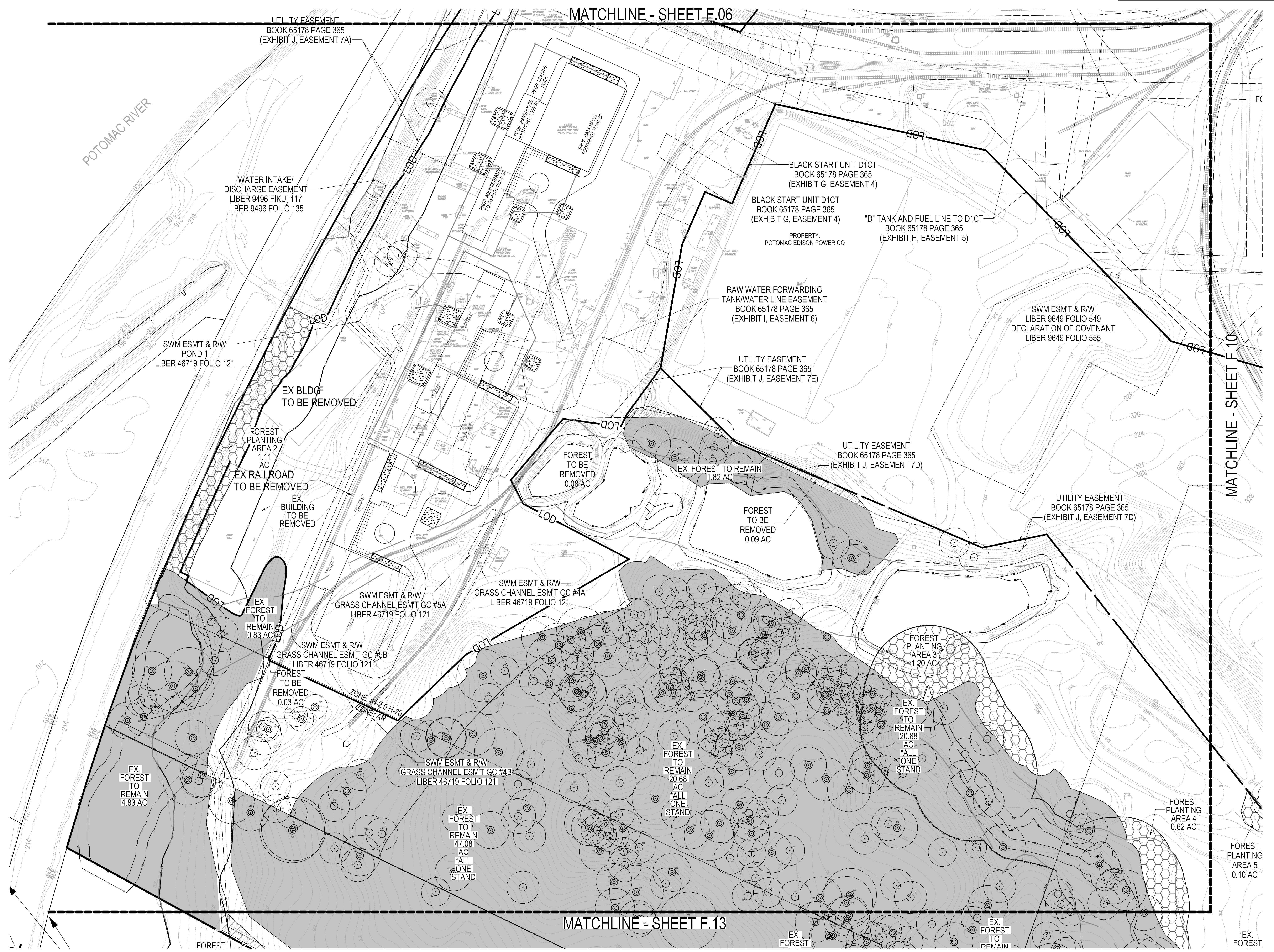
The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from SOLTESZ, Inc. SOLTESZ, Inc. makes no warranty, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.



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
 - LOC 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
 - TSF TREE SAVE FENCE
 - RP 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 Ferrel
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 DESIGN TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT MISS UTILITIES AT 1-800-251-1777 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 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. 1074 EXPIRATION DATE: 07/01/2024



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

TAX MAP BV341, BV342, BV561, BV562	ZONING CATEGORY: AR, IH, Z5, H-70
NSIC 200 SHEET 229NW22, 229NE21, 229NW22, 229NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	DESIGNED: NC
SCALE: 1" = 100'	CHECKED: WKD
SHEET F.09 OF F.16	CAD STYL. VERSION: V8 / NCS
PROJECT NO. 4025-00-00	

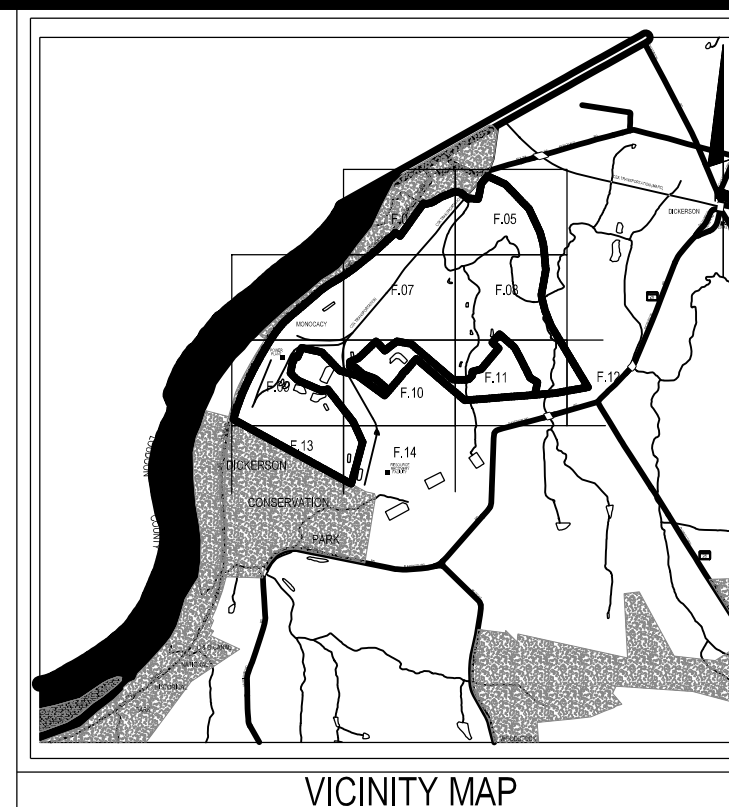


The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from SOLTESZ, Inc. and it was transmitted electronically. SOLTESZ cannot guarantee that unauthorized changes and/or alterations were not made by others. If verification of the information contained herein is needed, contact should be made directly with SOLTESZ. SOLTESZ makes no warranties, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

PLANNING DEPARTMENT USE ONLY (E-PLANS)

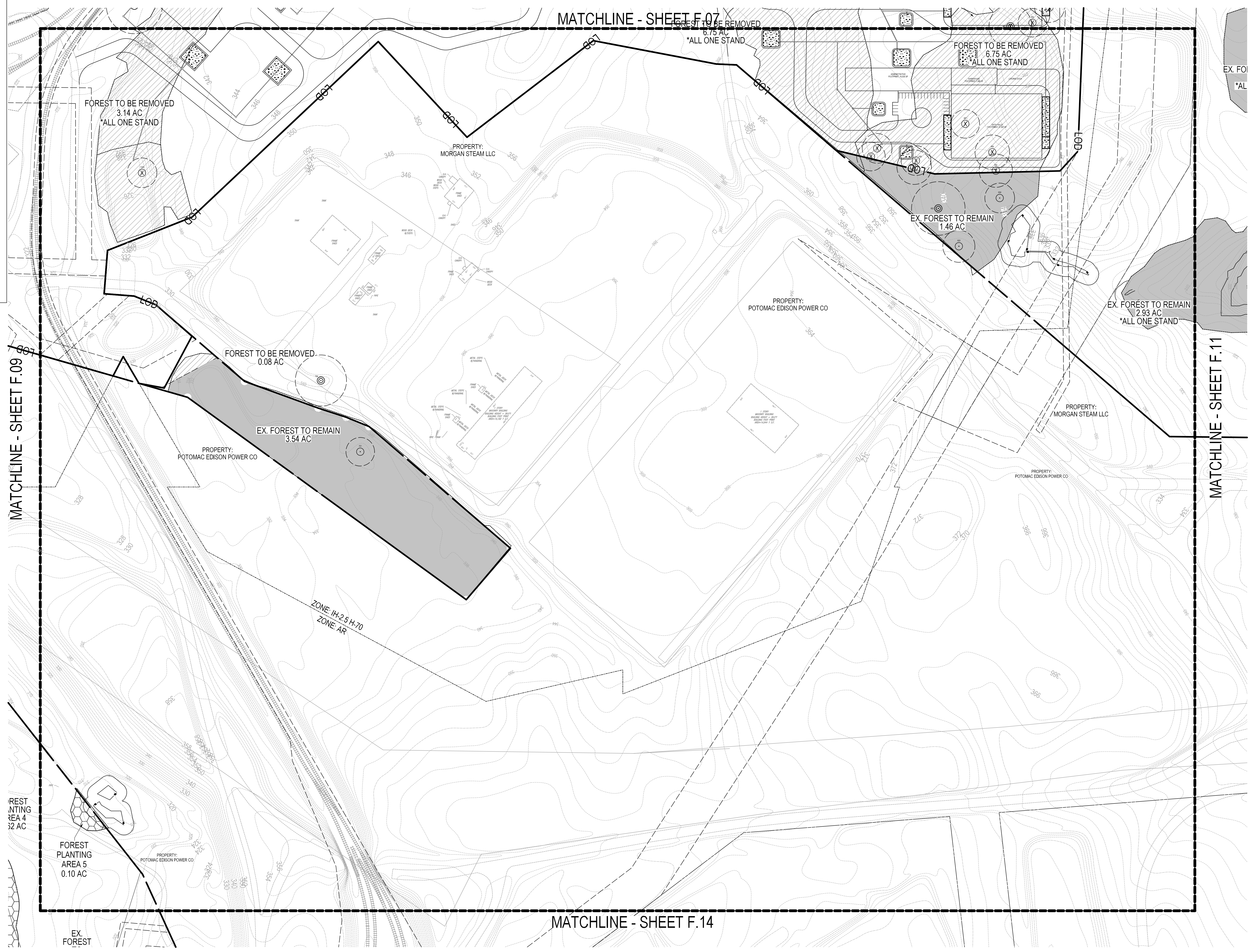
- LEGEND:**
- ⊙ SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
 - SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
 - ⊗ TREE TO BE REMOVED
 - LOD LIMIT OF DISTURBANCE (LOD)
 - LIMITS OF FOREST STAND
 - PERENNIAL STREAM
 - STREAM VALLEY BUFFER
 - WETLAND
 - WETLAND BUFFER
 - FLOODPLAIN
 - ZONING LINE
 - █ EXISTING 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

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



SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

Engineering
 Surveying
 Planning
 Environmental Sciences



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: *Jeffrey Ferrel*

REST
 NTING
 REA 4
 32 AC

FOREST
 PLANTING
 AREA 5
 0.10 AC

EX.
 FOREST

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 1-800-251-7777 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS 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 THIS PLAN.

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

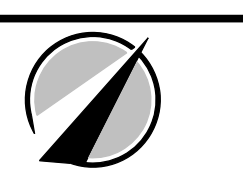
PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 1074 EXPIRATION DATE: 07/01/2024



06/21/2024

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

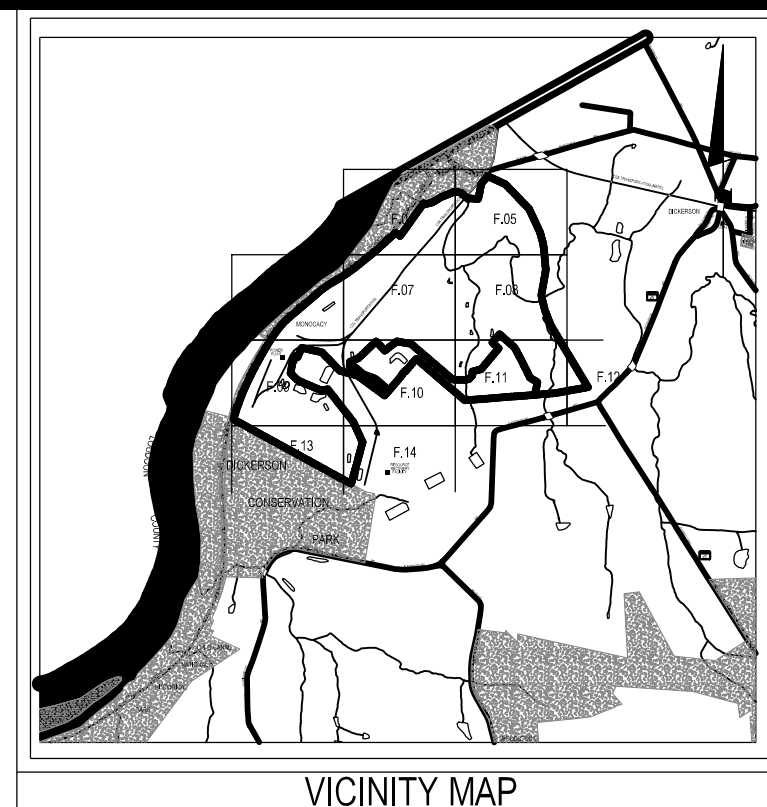
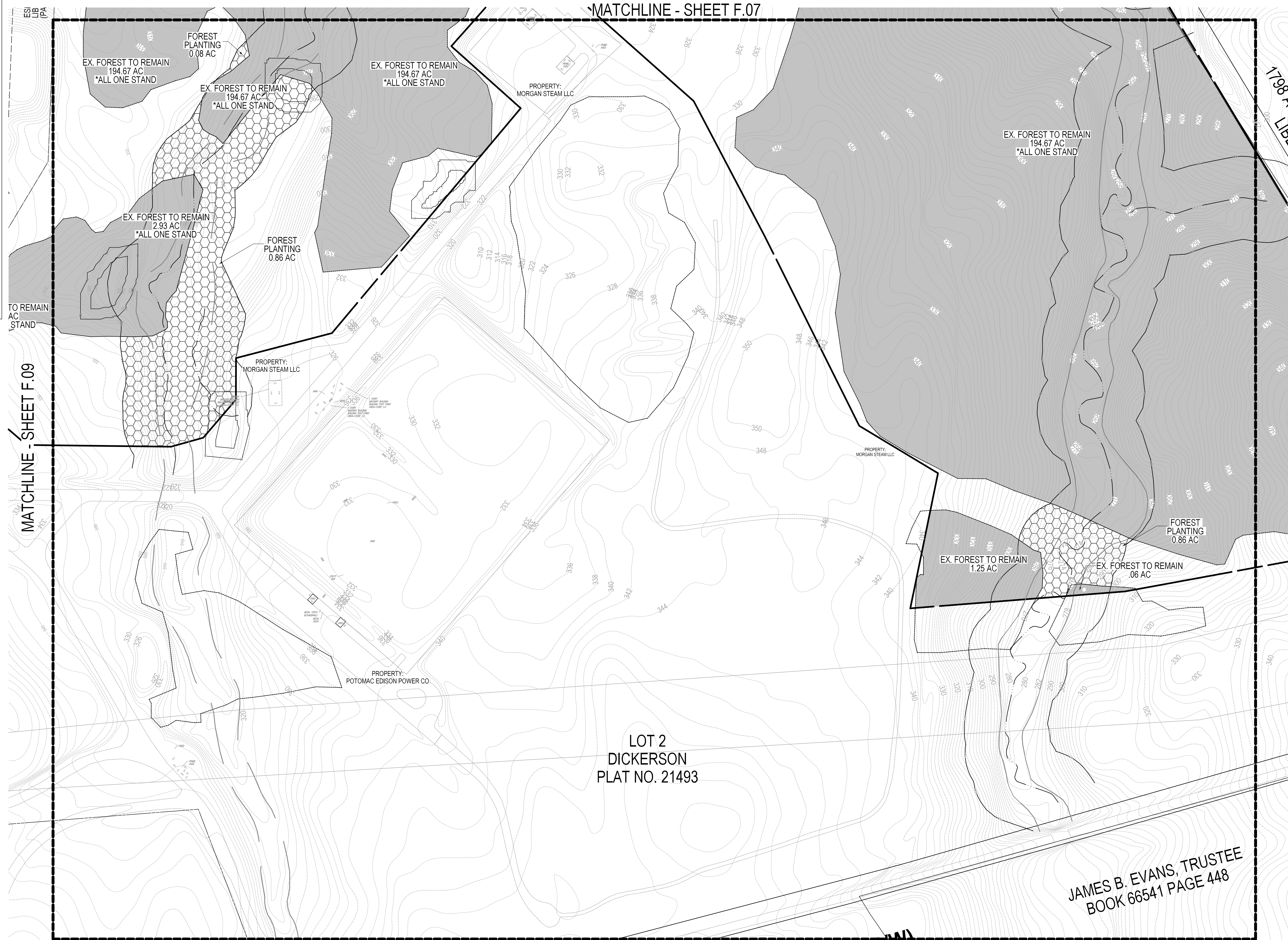
MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341, BV342 BV551, BV552	ZONING CATEGORY: AR, IH-2.5 H-70
WSSC 200' SHEET 229NW22, 229NE21 229NW22, 229NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	DESIGNED: NC
1" = 100'	TECHNICIAN: NC
SHEET F.10	CHECKED: WKD
OF F.16	CAD STYL. VERSION: V8 / NCS
PROJECT NO. 4025-00-00	

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
 - LOC LIMIT OF DISTURBANCE (LOD)
 - - - - - LIMITS OF FOREST STAND
 - · · · · PERENNIAL STREAM
 - SVB STREAM VALLEY BUFFER
 - WETLAND
 - WB WETLAND BUFFER
 - FP FLOODPLAIN
 - Z Z Z Z Z ZONING LINE
 - EXISTING FOREST TO REMAIN
 - ▨ EXISTING FOREST TO BE REMOVED
 - ▩ REFORESTATION AREA
 - EASEMENT/RIGHT OF WAY
 - PROPERTY BOUNDARY LINE
 - TSF TREE SAVE FENCE
 - RP ROOT PRUNE
 - · · · · EX CONTOUR MINOR
 - EX CONTOUR MAJOR



SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

Engineering
 Surveying
 Planning
 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 DESIGN 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 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. 1074 EXPIRATION DATE: 07/01/2024



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 229NW22, 229NE21, 229NW22, 229NW21	
SITE DATUM HORIZONTAL: NAD 83/91 VERTICAL: NAVD83	
DATE: 6/21/2024 DESIGNED: NC TECHNICAL: NC CHECKED: WKD CAD STYL: V8 / NCS VERSION:	
SHEET F.11 OF F.16	
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: *Jeffrey Ferrel*

JAMES B. EVANS, TRUSTEE
 BOOK 66541 PAGE 448

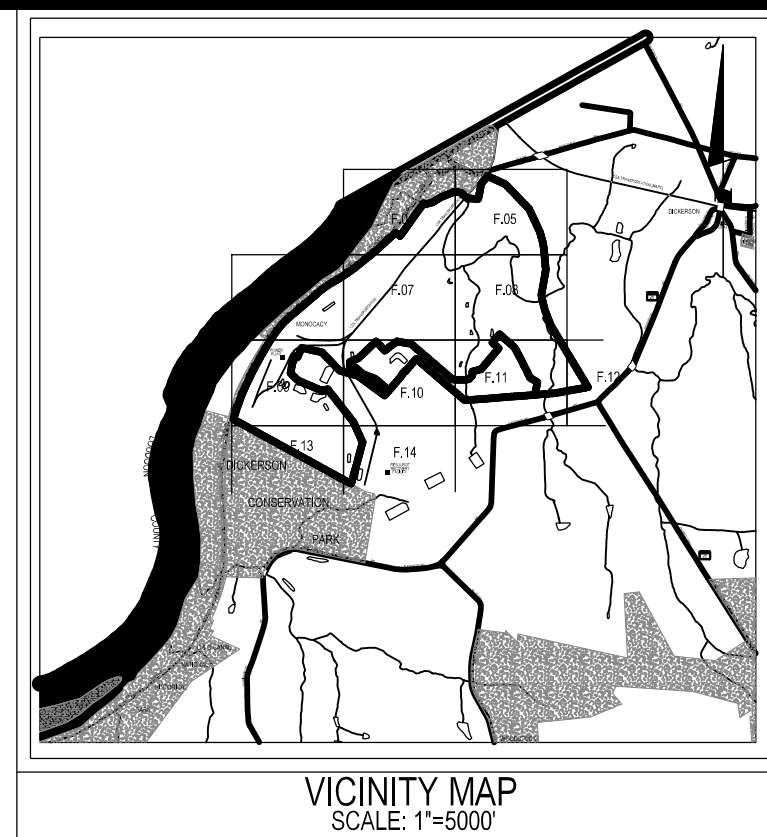
MATCHLINE - SHEET F.14

(60' R/W)
 SRC PLAT COB
 181



The original of this drawing document was prepared by Soltesz, Inc. (SOLTESZ). This document was not obtained directly from SOLTESZ, Inc. SOLTESZ makes no warranty, express or implied, concerning the accuracy of any information that has been transmitted by electronic means.

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

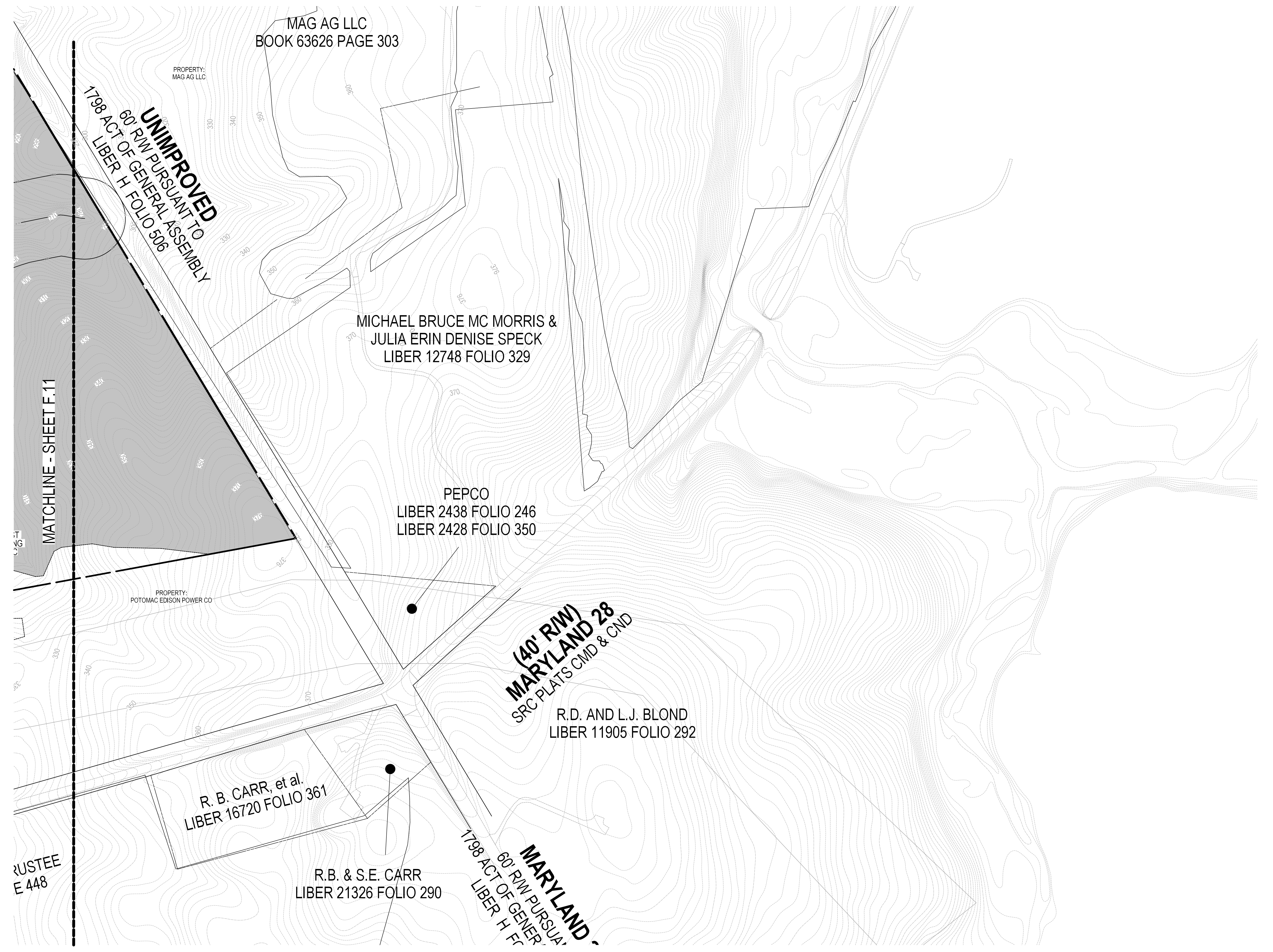


SOLTESZ, INC.
ROCKVILLE OFFICE
2 Research Place, Suite 100
Rockville, MD 20850
P. 301.948.2750 F. 301.948.9067
www.solteszco.com

Engineering
Surveying
Planning
Environmental Sciences

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
 - 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
 - RP ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR



SCALE: 1" = 100'

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]*

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 1-800-251-7771 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS 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 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. 1074 EXPIRATION DATE: 07/10/2024



06/21/2024

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

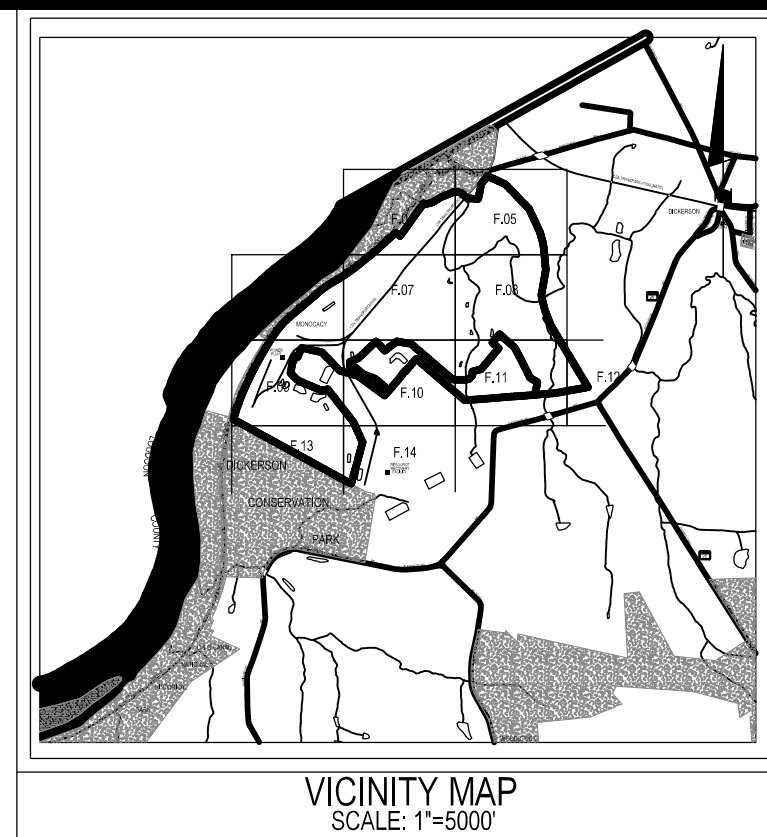
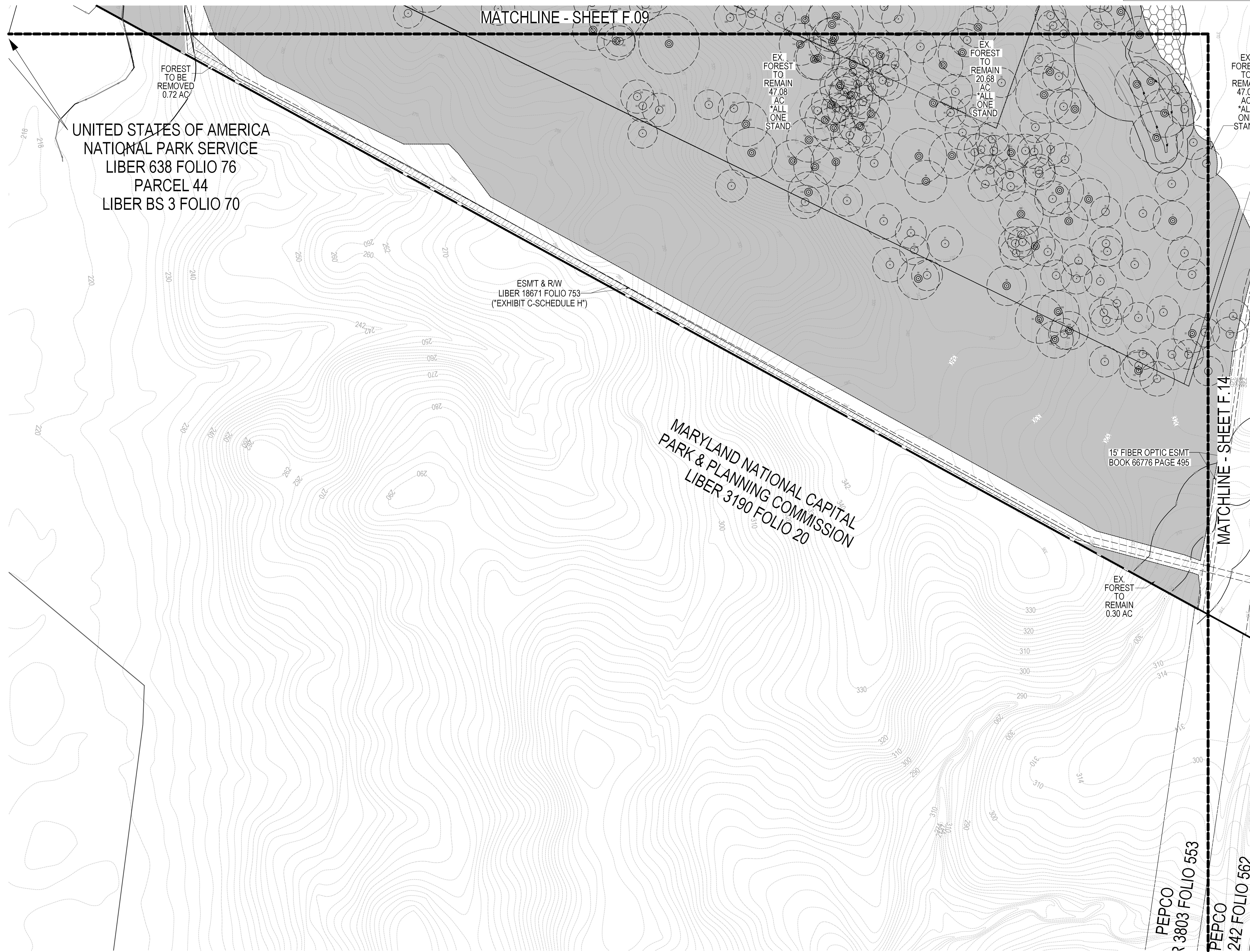
POOLSVILLE (PFD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341, BV342 BV561, BV562	ZONING CATEGORY: AR, IH.2.5, H-70
WISC 200 SHEET 229NW22, 229NE21 229NW22, 229NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	DESIGNED: NC
SCALE: 1" = 100'	TECHNICAL: NC
SHEET F.12 OF F.16	CHECKED: WKD
PROJECT NO. 4025-00-00	CAD STYL. VERSION: V8 / NCS

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
 - 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
 - RP ROOT PRUNE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR



SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

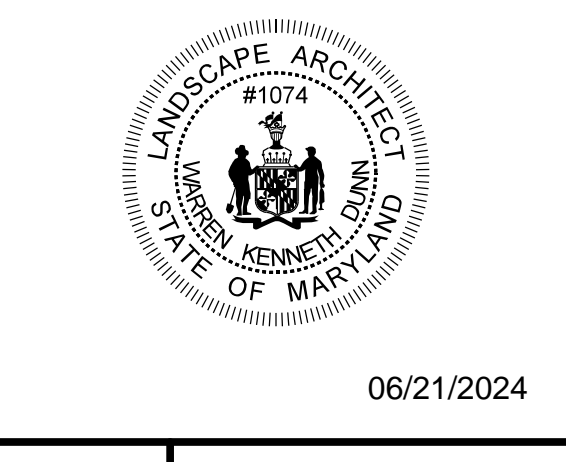
Engineering
 Surveying
 Planning
 Environmental Sciences

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 USING 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 THIS PLAN OR THICKER THAN INDICATED, 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. 1074 EXPIRATION DATE: 07/10/2024



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

POOLSVILLE (PFD) 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: *[Signature]*

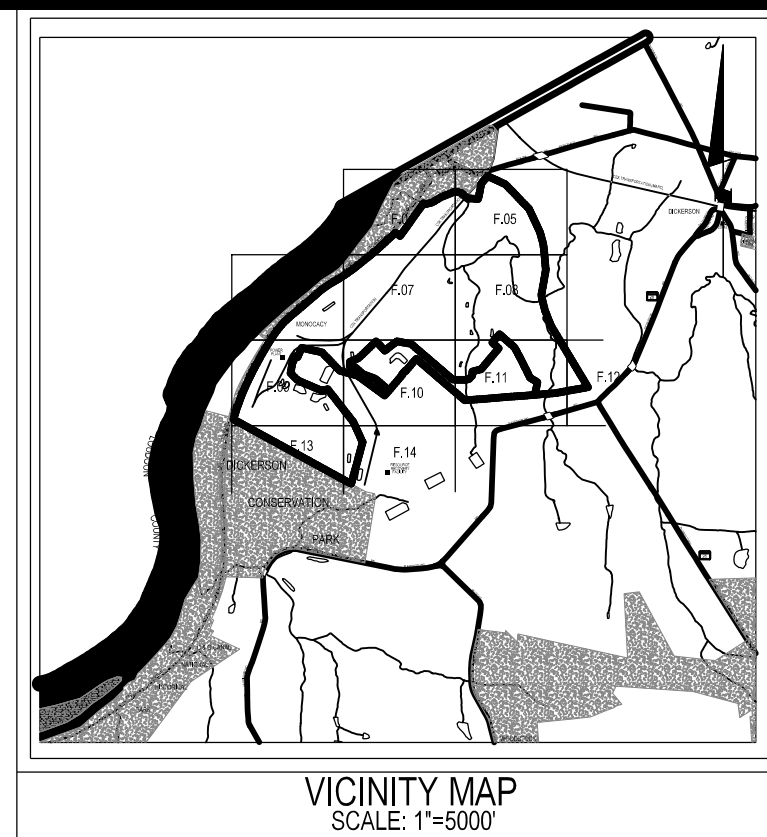
TAX MAP BV341 BV342 BV561 BV562	ZONING CATEGORY: AR, IH,2.5 H-70
WSS: 200 SHEET 229NW22, 230NE21 229NW22, 229NW21	
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	
DATE: 6/21/2024 DESIGNED: NC TECHNICIAN: NC CHECKED: WKD CAD STYL: V8 / NCS VERSION:	
SHEET OF F.13 F.16	
PROJECT NO. 4025-00-00	



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

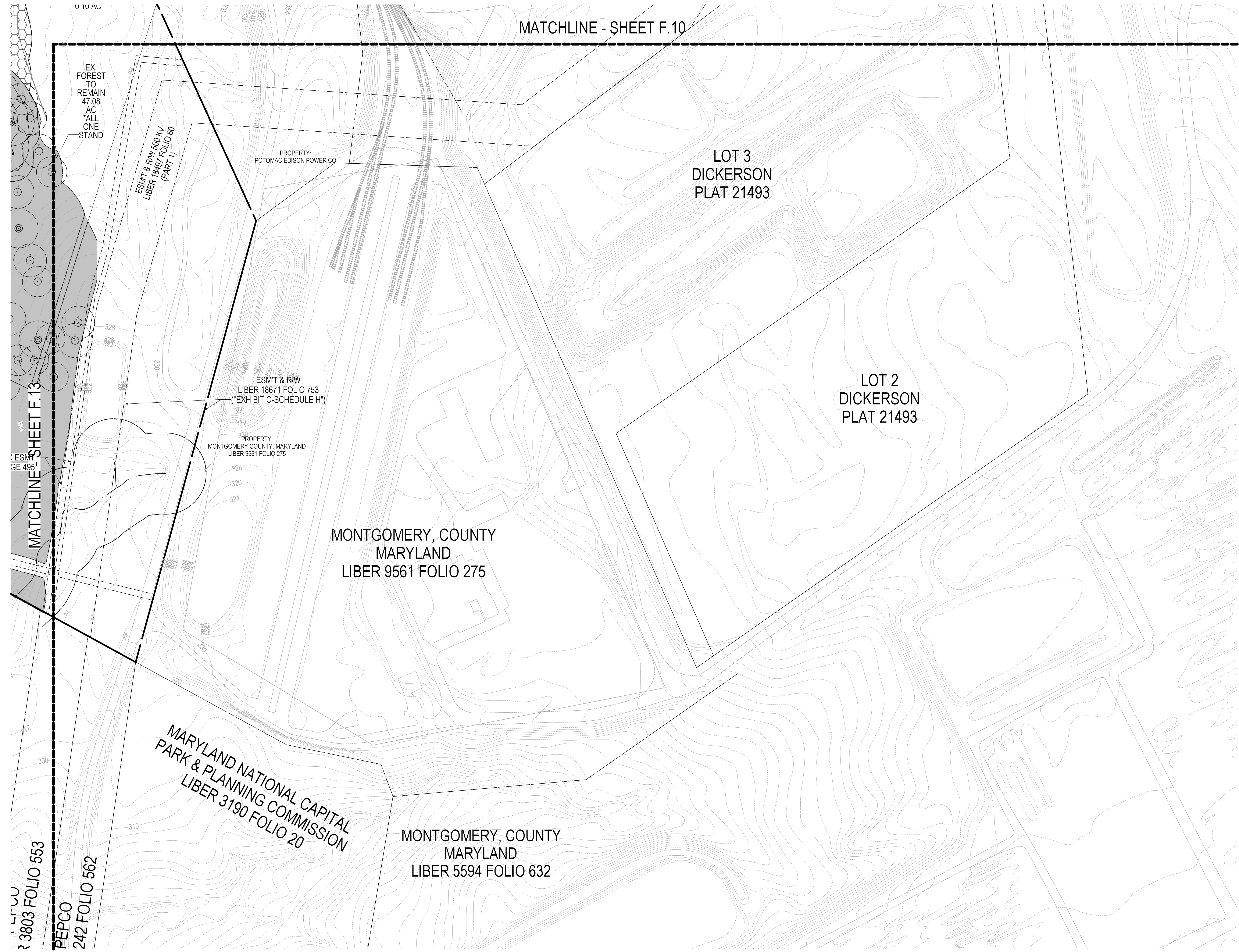
PLANNING DEPARTMENT USE ONLY (E-PLANS)

- LEGEND:**
- ⊙ SPECIMEN TREE (GREATER THAN OR EQUAL TO 30" DBH)
 - SIGNIFICANT TREE (BETWEEN 24-29.9" DBH)
 - ⊗ TREE TO BE REMOVED
 - LOC 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
 - TF TREE SAVE FENCE
 - · · · · RP ROOT PRUNE
 - · · · · EX CONTOUR MINOR
 - · · · · EX CONTOUR MAJOR



SOLTESZ, INC.
 ROCKVILLE OFFICE
 2 Research Place, Suite 100
 Rockville, MD 20850
 P. 301.948.2750 F. 301.948.9067
 www.solteszco.com

Engineering
 Surveying
 Planning
 Environmental Sciences



MATCHLINE - SHEET F.10

MATCHLINE - SHEET F.13

EX FOREST TO REMAIN 47.08 AC *ALL ONE STAND

ESMT & RW 500 KV LIBER 18497 FOLIO 80 (PART 1)

PROPERTY: POTOMAC EDISON POWER CO.

LOT 3 DICKERSON PLAT 21493

LOT 2 DICKERSON PLAT 21493

MONTGOMERY COUNTY MARYLAND LIBER 9561 FOLIO 275

MARYLAND NATIONAL CAPITAL PARK & PLANNING COMMISSION LIBER 3190 FOLIO 20

MONTGOMERY COUNTY MARYLAND LIBER 5594 FOLIO 632

SCALE: 1" = 100'

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: *Jeffrey Ferrel*

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 DESIGN 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 THIS 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 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. 1074 EXPIRATION DATE: 07/10/2024



06/21/2024

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

POOLSVILLE (PFD) ELECTION DISTRICT, MONTGOMERY COUNTY, MARYLAND

TAX MAP BV341 BV342 BV561 BV562	ZONING CATEGORY: AR, IH,25 H-70
WSSC 200 SHEET 229NW22, 230NE21 229NW22, 229NW21	DATE: 6/21/2024
SITE DATUM HORIZONTAL: NAD 83/99 VERTICAL: NAVD83	DESIGNED: NC TECHNICIAN: NC
1" = 100'	CHECKED: WKD CAD STYL: V8 / NCS
SHEET F.14 OF F.16	PROJECT NO. 4025-00-00

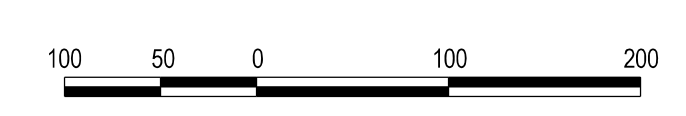


Table with 10 columns: Tree #, Outside Study Area, Common Name, Scientific Name, DBH (inches), CRZ (ft), CRZ Impacted (sq ft), % CRZ Impacted, Condition, Save/Remove. Rows 1-184.

Table with 10 columns: Tree #, Outside Study Area, Common Name, Scientific Name, DBH (inches), CRZ (ft), CRZ Impacted (sq ft), % CRZ Impacted, Condition, Save/Remove. Rows 185-368.

Table with 10 columns: Tree #, Outside Study Area, Common Name, Scientific Name, DBH (inches), CRZ (ft), CRZ Impacted (sq ft), % CRZ Impacted, Condition, Save/Remove. Rows 369-552.

Table with 10 columns: Tree #, Outside Study Area, Common Name, Scientific Name, DBH (inches), CRZ (ft), CRZ Impacted (sq ft), % CRZ Impacted, Condition, Save/Remove. Rows 553-736.

Table with 10 columns: Tree #, Outside Study Area, Common Name, Scientific Name, DBH (inches), CRZ (ft), CRZ Impacted (sq ft), % CRZ Impacted, Condition, Save/Remove. Rows 737-920.

Engineering Surveying Planning Environmental Sciences. MISS UTILITY NOTE. OWNER / DEVELOPER / APPLICANT. PROFESSIONAL CERTIFICATION. PRELIMINARY FOREST CONSERVATION PLAN. DICKERSON POWER PLAN F20240620. NOTES AND DETAILS. PROJECT NO: 4025-000.

PLANNING DEPARTMENT USE ONLY (E-PLANS)

Vertical text on the left side of the page, likely a title or reference for the planning department.

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 at all other applicable agreements.

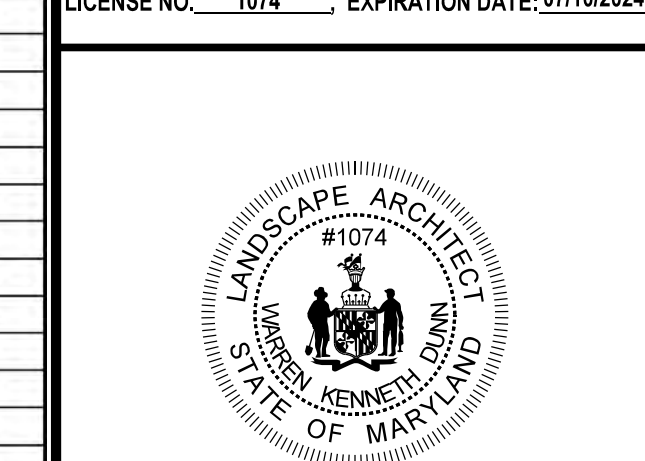
Contact Person or Owner: Jeffrey Ferrel. Address: 13409 Strawbale Lane, Darnestown, MD. Phone: (410) 223-3954.

Engineering Surveying Planning Environmental Sciences

MISS UTILITY NOTE. INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES HAS BEEN OBTAINED FROM AVAILABLE RECORDS...

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 AND APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 1074. EXPIRATION DATE: 07/31/2024.



06/21/2024

NOTES AND DETAILS. PRELIMINARY FOREST CONSERVATION PLAN. DICKERSON POWER PLAN F20240620. Includes various notes, details, and a signature block.

Table with columns: Tree #, Common Name, Scientific Name, DBH (inches), CRZ (sq ft), % CRZ Impacted, Condition, Save/Remove. Lists trees like maple, silver, Acer saccharinum, etc.

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...

Sequence of Events for Properties Required to Comply With Forest Conservation Plans, Exemptions from Submitting Forest Conservation Plans, and Tree Save Plans

The property owner is responsible for ensuring all tree protection measures are performed in accordance with the approved final forest conservation plan or tree save plan, and as modified in the field by a Planning Department Forest Conservation Inspector...

Pre-Construction

- 1. An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged and before any land disturbance.
2. The property owner must arrange for the meeting and following people should must participate at the pre-construction meeting...

During Construction

- 7. Periodic inspections will be made by the Forest Conservation Inspector. Corrections and repairs to tree protection devices must be completed within the timeframe given by the Inspector.
8. The property owner must immediately notify the Forest Conservation Inspector of any damage to trees, forests, understorey, ground cover, and any other undisturbed areas shown on the approved plan...

Post-Construction

- 9. After construction is completed, but before tree protection devices have been removed, the property owner must request a final inspection with the Forest Conservation Inspector. At the final inspection, the Forest Conservation Inspector may require additional corrective measures, which may include:
a. Removal, and possible replacement, of dead, dying, or hazardous trees...

All field inspections must be requested by the applicant. Inspections must be conducted as follows:
Tree Save Plans and Forest Conservation Plans without Planting Requirements

- 1. After the limits of disturbance have been staked and flagged, but before any clearing or grading begins.
2. After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin.
3. After completion of all construction activities, but before removal of tree protection fencing...

GENERAL CONDITIONS

- I. SCOPE
A. The landscape contractor shall provide all materials, labor and equipment to complete all landscape work as shown on the plans, plant list and specifications.
B. Total number of plants shall be as drawn on the landscape plan. If this total differs from the plant schedule, the landscape contractor is to notify the landscape architect before the bid date.
II. STANDARDS
A. All plant material will conform to the current issue of the American Standard for Nursery Stock published by the American Nursery and Landscape Association (ANLA) conform in general to representative species.

PLANT MATERIAL

- A. Bare root
1. Bare rooted shrubs shall be dug with adequate fibrous roots.
2. Roots shall be protected during handling and transit and planted to guard against drying out and damage. If not planted soon after arrival, material must be baled and maintained.
B. Balled and Burlapped (BAB)
1. Balled and Burlapped plants shall be dug with firm natural balls of earth.
2. Ball sizes shall be in accordance with ANLA specifications.

PLANTING PROCEDURES FOR SHRUBS

- I. PREPARING SHRUB PIT
A. For a single shrub, the pit shall be dug large enough for the proper setting of the root ball (4" wider than root ball at base, 2 to 3 times the width of the root ball at the top).
B. For a shrub mass planting, the entire bed area shall be rototilled 3 to 4" deep. Each shrub pit shall be excavated for the proper setting of the root ball.
C. For a hedge, a trench shall be dug large enough for the proper setting of all of the plants root balls (the trench shall be 2 times wider than the root balls).

PLANTING PROCEDURES FOR GROUND COVER

- I. PREPARING GROUND COVER BED
A. The ground cover bed shall be loosened prior to planting by one of the following methods: rototilling, back-hoeing and rototilling or by picking (generally done on small areas or on slopes). Soil shall be loosened to a depth of 4" to 6".
B. Soil additives for the ground cover bed shall be peat and topsoil. (2" deep) after the soil has been loosened and additives then worked into the bed by one of the following methods: rototilling, back-hoeing and rototilling or by picking (in which soil additives are spread by hand into the individual plant pockets and worked into the soil by pick).
C. Fertilizer in planting holes or use water soluble fertilizer as directed on label.

VI. SOIL TESTING

- 1. Contractor to perform soil test as per accepted methods by the local agricultural extension service.
2. Samples to be tested by reputable lab.
3. Contractor will be held responsible for notifying owner of any problems or deficits determined by the test results.
4. Corrections will be discussed and cost negotiated with owner.
5. Plant failure based on soil deficits or problems due to failure of contractor to take samples, will be replaced at the cost of the contractor after corrections have been made.

Inspection

All field inspections must be requested by the applicant. Inspections must be conducted as follows:

- 1. After the limits of disturbance have been staked and flagged, but before any clearing or grading begins.
2. After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin.
3. After completion of all construction activities, but before removal of tree protection fencing...

Additional Requirements for Plans with Planting Requirements

- 4. Before the start of any required reforestation and afforestation planting.
5. After the required reforestation and afforestation planting has been completed to verify that the planting is acceptable and prior to the start of the maintenance period.
6. At the end of the maintenance period to determine the level of compliance with the provisions of the planting plan, and if appropriate, the release of the performance bond.

STUDY AREA RESOURCE DATA TABLE
Table with 2 columns: Resource Category, Area/Acreage. Includes Existing Forest (94.90 ACRES), Non-Tidal Wetlands (5.38 ACRES), etc.

- M. MULCH
1. Material shall be double shredded composted hardwood bark, such as "silvabark" or approved equivalent.
2. Material shall be mulching grade, uniform in size and free of foreign or harmful matter.
V. INSPECTION
A. Plants may be subject to inspection and approval by the owner or owner's representative at the place of growth for conformity to specification requirements as to quality, size and variety. This will be at the owner's expense.
Plants damaged in handling or transportation may be rejected by the owner or owner's representative.

PLANTING PROCEDURES FOR TREES

- I. PREPARING TREE PIT
A. The tree pit must be a minimum width of 2 times the size of the root ball at the top.
B. The width of tree pit shall be dug as they are specified.
C. The tree pit shall be deep enough to allow 1/3 of the root ball to be above the existing grade. Any loose soil at the bottom of the pit shall be hoed or with the bucket of the backhoe.
D. Dig pit 6" deeper than depth required for root ball. Fill bottom of pit with 6" compacted soil mix equating depth to measure top of root ball 1/4 above the surface of the soil.

PLANTING PROCEDURES FOR SHRUBS

- I. PREPARING SHRUB PIT
A. For a single shrub, the pit shall be dug large enough for the proper setting of the root ball (4" wider than root ball at base, 2 to 3 times the width of the root ball at the top).
B. For a shrub mass planting, the entire bed area shall be rototilled 3 to 4" deep. Each shrub pit shall be excavated for the proper setting of the root ball.
C. For a hedge, a trench shall be dug large enough for the proper setting of all of the plants root balls (the trench shall be 2 times wider than the root balls).

PLANTING PROCEDURES FOR GROUND COVER

- I. PREPARING GROUND COVER BED
A. The ground cover bed shall be loosened prior to planting by one of the following methods: rototilling, back-hoeing and rototilling or by picking (generally done on small areas or on slopes). Soil shall be loosened to a depth of 4" to 6".
B. Soil additives for the ground cover bed shall be peat and topsoil. (2" deep) after the soil has been loosened and additives then worked into the bed by one of the following methods: rototilling, back-hoeing and rototilling or by picking (in which soil additives are spread by hand into the individual plant pockets and worked into the soil by pick).

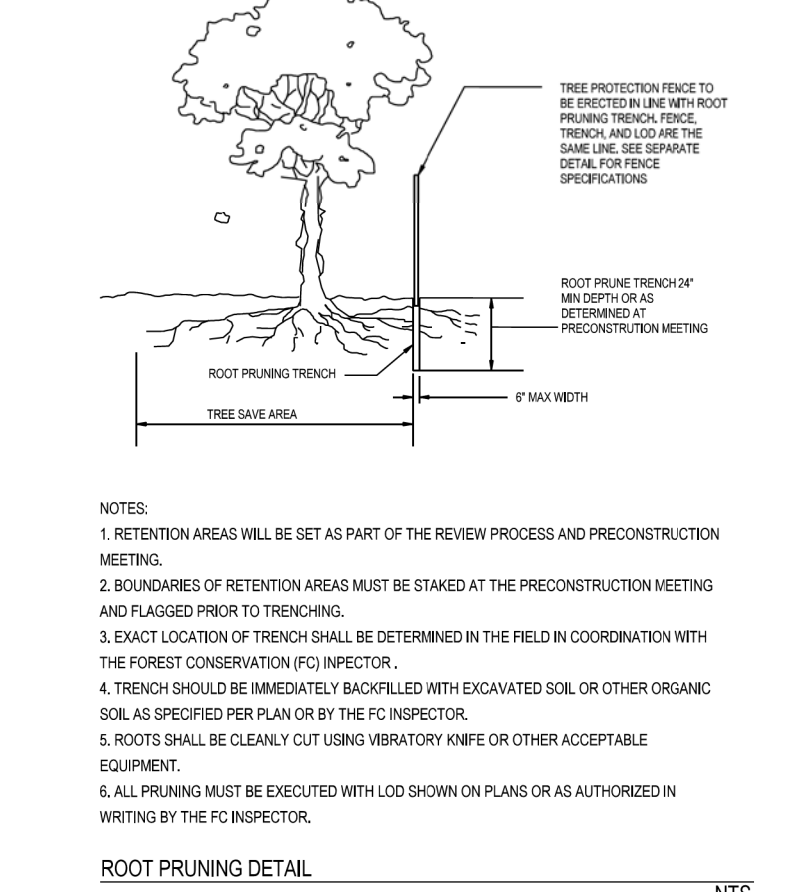
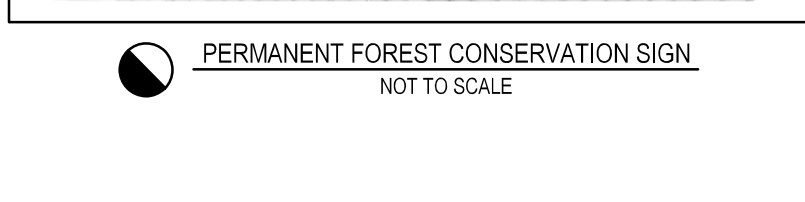
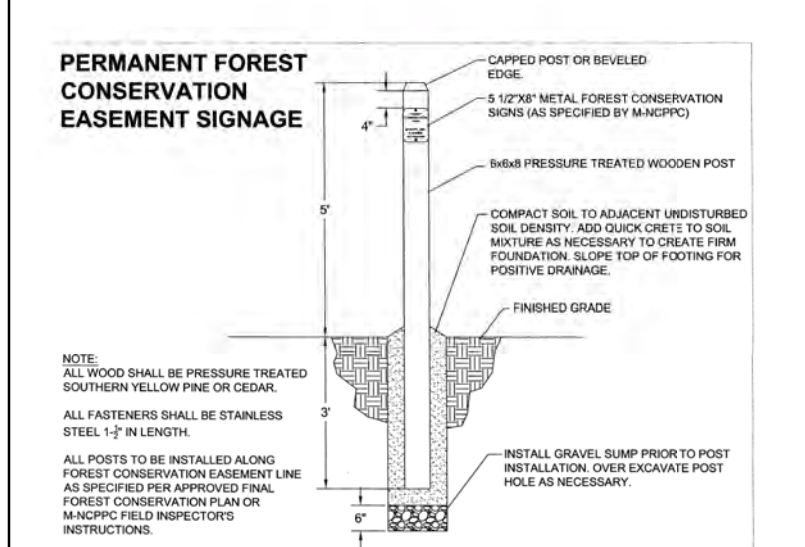
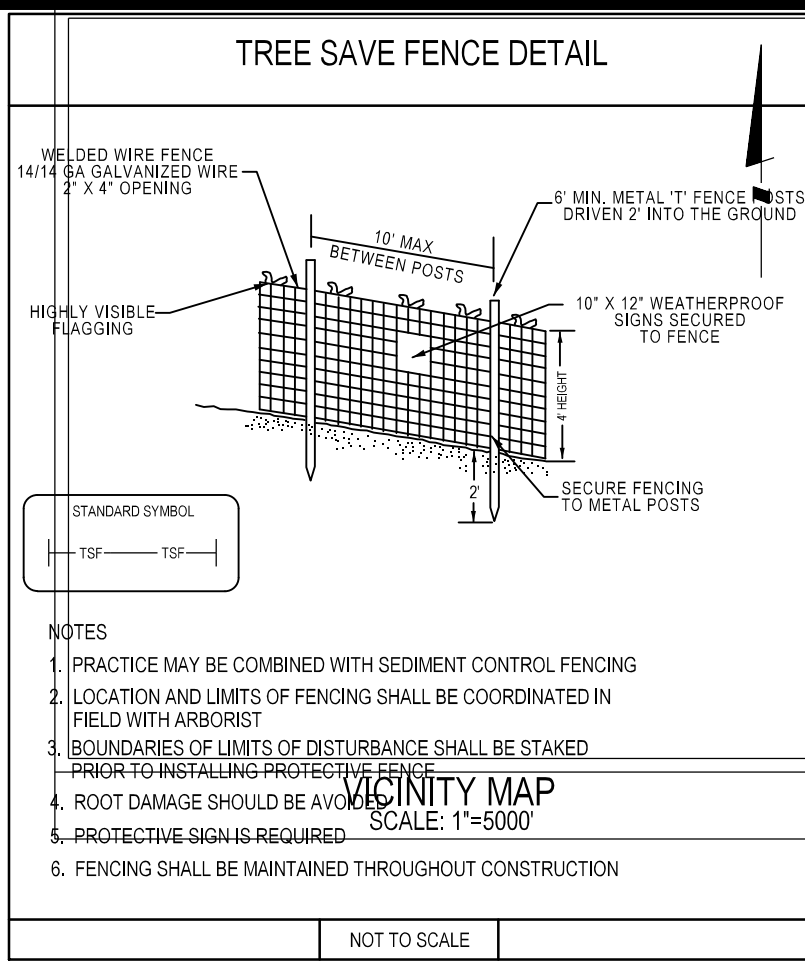
V. SEEDING

- I. TEMPORARY SEEDING
A. Vegetation - Annual Ryegrass or Pearl Millet shall be provided to provide cover on disturbed areas for up to 12 months. For longer duration of vegetation cover, permanent seeding is required.
1. Seed Mixtures - Temporary Seeding
Preferred: Annual Ryegrass - cool season: 40 lbs./acre. (1/2 that amount for over seeding) Pearl Millet - warm season: 20 lbs./acre. (These are preferred because existing and proposed native grasses and wildflowers will not compete well with certain grass species).
If seed mixtures used are other than those preferred, they must be approved by the Maryland Department of Environmental Protection. Temporary plant material must be removed prior to seeding of other material.

VI. SOIL TESTING

- 1. Contractor to perform soil test as per accepted methods by the local agricultural extension service.
2. Samples to be tested by reputable lab.
3. Contractor will be held responsible for notifying owner of any problems or deficits determined by the test results.
4. Corrections will be discussed and cost negotiated with owner.
5. Plant failure based on soil deficits or problems due to failure of contractor to take samples, will be replaced at the cost of the contractor after corrections have been made.

Map Unit Symbol, Map Unit Name, Hydric Rating, Hydrologic Soil Group, Highly Erodible table. Lists map units like 19B Bucks silt loam, 20A Brentsville sandy loam, etc.



SOLTESZ, INC. ROCKVILLE OFFICE 2 Research Place, Suite 100 Rockville, MD 20850 P. 301.948.2750 F. 301.948.9067 www.solteszco.com

Engineering Surveying Planning Environmental Sciences

Table with columns: NO., REVISIONS, BY, DATE. Includes MISS UTILITY NOTE.

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: 06/21/2024

LANDSCAPE ARCHITECT STATE OF MARYLAND seal and signature area.

06/21/2024

NOTES AND DETAILS PRELIMINARY FOREST CONSERVATION PLAN DICKERSON POWER PLANT F20240620

Table with columns: TAX MAP, ZONING CATEGORY, WEGC 200 SHEET, SITE DATUM, HORIZONTAL, VERTICAL, DATE, DESIGNED, CHECKED, SHEET, VERSION, PROJECT NO.