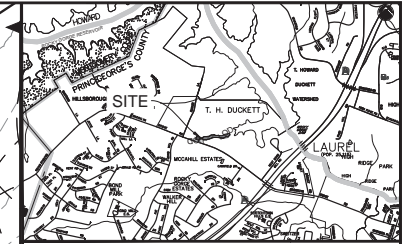
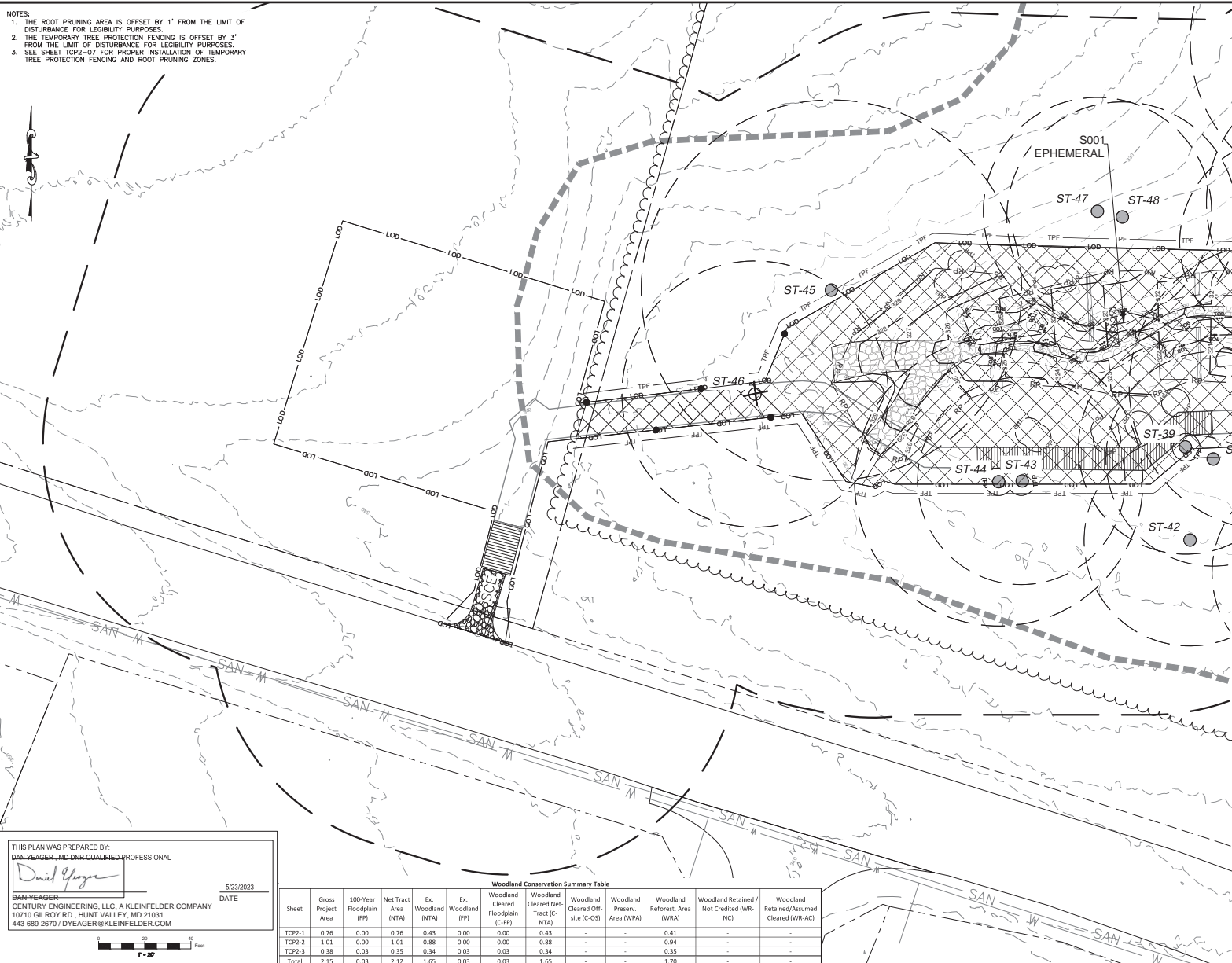
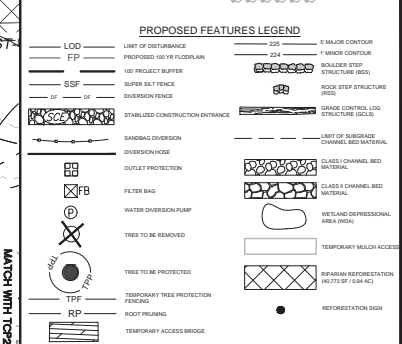
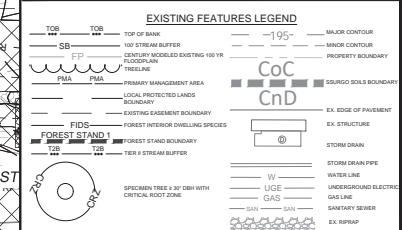


Prince George's County Planning Department, M-NCPPC Environmental Planning Section			
TYPE 2 TREE CONSERVATION PLAN APPROVAL			
TCP2-020-2023			
	Approved by	Date	DRD # Reason for Revision
00	<i>Ron Fack</i>	<i>11/04/2023</i>	N/A
01			
02			
03			
04			
05			

- NOTES:
1. THE ROOT PRUNING AREA IS OFFSET BY 1' FROM THE LIMIT OF DISTURBANCE FOR LEGIBILITY PURPOSES.
  2. THE TEMPORARY TREE PROTECTION FENCING IS OFFSET BY 3' FROM THE LIMIT OF DISTURBANCE FOR LEGIBILITY PURPOSES.
  3. SEE SHEET TCP2-07 FOR PROPER INSTALLATION OF TEMPORARY TREE PROTECTION FENCING AND ROOT PRUNING ZONES.



VICINITY MAP  
1" = 2000'  
TAX MAP PAGE 5.2 GRID E2/E3  
COUNTY MAP PAGE X GRID XX  
WSSC 200' SHEET NO. 221NE06/221NE07



REFER TO DETAIL TCP2-26 FOR ROOT PRUNING AND TREE PROTECTION FENCING.

**PROPERTY OWNERS AWARENESS CERTIFICATE**  
I, M. H. HARMER, hereby acknowledge that we are aware of the Type 2 Tree Conservation Plan (TCP2) and that we understand the requirements set forth in the TCP2.  
M. H. HARMER  
Owner of Land/Representative  
9/21/2023  
DATE

DWG. 2 OF 6

**CENTURY ENGINEERING**  
A KLEINFELDER COMPANY  
10710 GILROY ROAD, HUNT VALLEY, MD 21031  
PHONE: 443-889-2400

THIS PLAN WAS PREPARED BY:  
DAN YEAGER, MD DNR-QUALIFIED PROFESSIONAL  
Dan Yeager  
DATE: 5/23/2023  
DAN YEAGER  
CENTURY ENGINEERING, LLC, A KLEINFELDER COMPANY  
10710 GILROY RD., HUNT VALLEY, MD 21031  
443-889-2670 / DYEAGER@KLEINFELDER.COM

**Woodland Conservation Summary Table**

Sheet	Gross Project Area	100-Year Floodplain (FP)	Net Tract Area (NTA)	Ex. Woodland (NTA)	Ex. Woodland (FP)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Net-Tract (C-NTA)	Woodland Cleared Off-site (C-OS)	Woodland Preserv. Area (WPA)	Woodland Reforest. Area (WRA)	Woodland Retained / Not Credited (WR-NC)	Woodland Retained/Assumed Cleared (WR-AC)
TCP2-1	0.76	0.00	0.76	0.43	0.00	0.00	0.43	-	-	0.41	-	-
TCP2-2	1.01	0.00	1.01	0.88	0.00	0.00	0.88	-	-	0.94	-	-
TCP2-3	0.38	0.03	0.35	0.34	0.03	0.03	0.34	-	-	0.35	-	-
Total	2.15	0.03	2.12	1.65	0.03	0.03	1.65	-	-	1.70	-	-

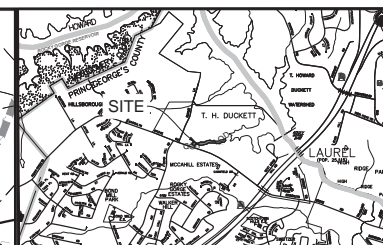
DAN YEAGER  
CENTURY ENGINEERING, LLC, A KLEINFELDER COMPANY  
10710 GILROY RD., HUNT VALLEY, MD 21031  
443-689-2670 / DYEAGER@KLEINFELDER.COM

NOTES:

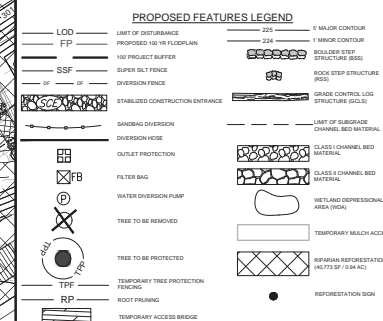
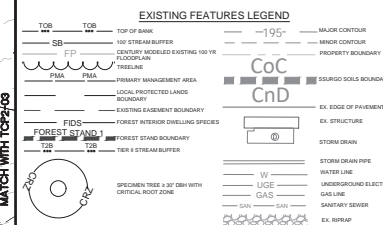
1. THE ROOT PRUNING AREA IS OFFSET BY 1' FROM THE LIMIT OF DISTURBANCE FOR LEGIBILITY PURPOSES.
2. THE TEMPORARY TREE PROTECTION FENCING IS OFFSET BY 3' FROM THE LIMIT OF DISTURBANCE FOR LEGIBILITY PURPOSES.
3. SEE SHEET TCP2-07 FOR PROPER INSTALLATION OF TEMPORARY TREE PROTECTION FENCING AND ROOT PRUNING ZONES.



Woodland Conservation Summary Table												
Sheet	Gross Project Area	100-Year Floodplain (FP)	Net Tract Area (NTA)	Ex. Woodland (MFA)	Ex. Woodland (FP)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Net-Track (C-NT)	Woodland Cleared Off-site (C-OS)	Woodland Preserv. Area (WPA)	Woodland Reforest. Area (WRA)	Woodland Retained/Ret Not Credited (WR-NC)	Woodland Retained/Assumed Cleared (WR-AC)
TC92-1	0.76	0.00	0.76	0.43	0.00	0.00	0.43	-	-	0.41	-	-
TC92-2	1.01	0.00	1.01	0.88	0.00	0.00	0.88	-	-	0.94	-	-
TC92-3	0.38	0.03	0.35	0.34	0.03	0.03	0.31	0.04	-	0.35	-	-
Total	2.15	0.03	2.12	1.65	0.03	0.03	1.68	0.04	-	1.70	-	-



VICINITY MAP  
1" = 2000'  
TAX MAP PAGE 52 GRID E2/E3  
COUNTY MAP PAGE X GRID XX  
WSSC 200' SHEET NO. 221NE06/221NE07



REFER TO DETAIL TCP-26 FOR ROOT PRUNING AND TREE PROTECTION FENCING.

PROPERTY OWNERS AWARENESS CERTIFICATE  
I/we Mile Home/WSSC Water hereby acknowledge that we are aware

Tree Conservation Plan (TCP2) and that we understand the requirements of the TCP2.

Mike Harmon Mike Harmon  
Owner or Owner's Representative Chief Engineer

2/21/2003

DWG. 3 OF 6



**CENTURY**  
ENGINEERING  
A HUBBARD COMPANY

10710 GILROY ROAD, HUNT VALLEY, MD 21031  
PHONE: 443-589-2400

Prince George's County Planning Department, M-NCPPC  
Environmental Planning Section  
TYPE 2 TREE CONSERVATION PLAN APPROVAL  
TCP2-020-2023

ICP2-020-2023				
	Approved by	Date	DRD #	Reason for Revision
00	<i>Kim Panch</i>	<i>11/02/2023</i>		N/A
01				
02				
03				
04				
05				

DEPARTMENT OF THE ENVIRONMENT

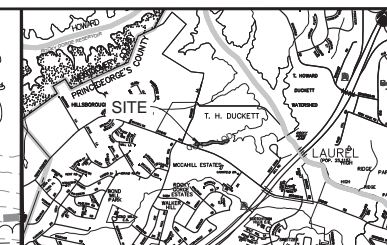
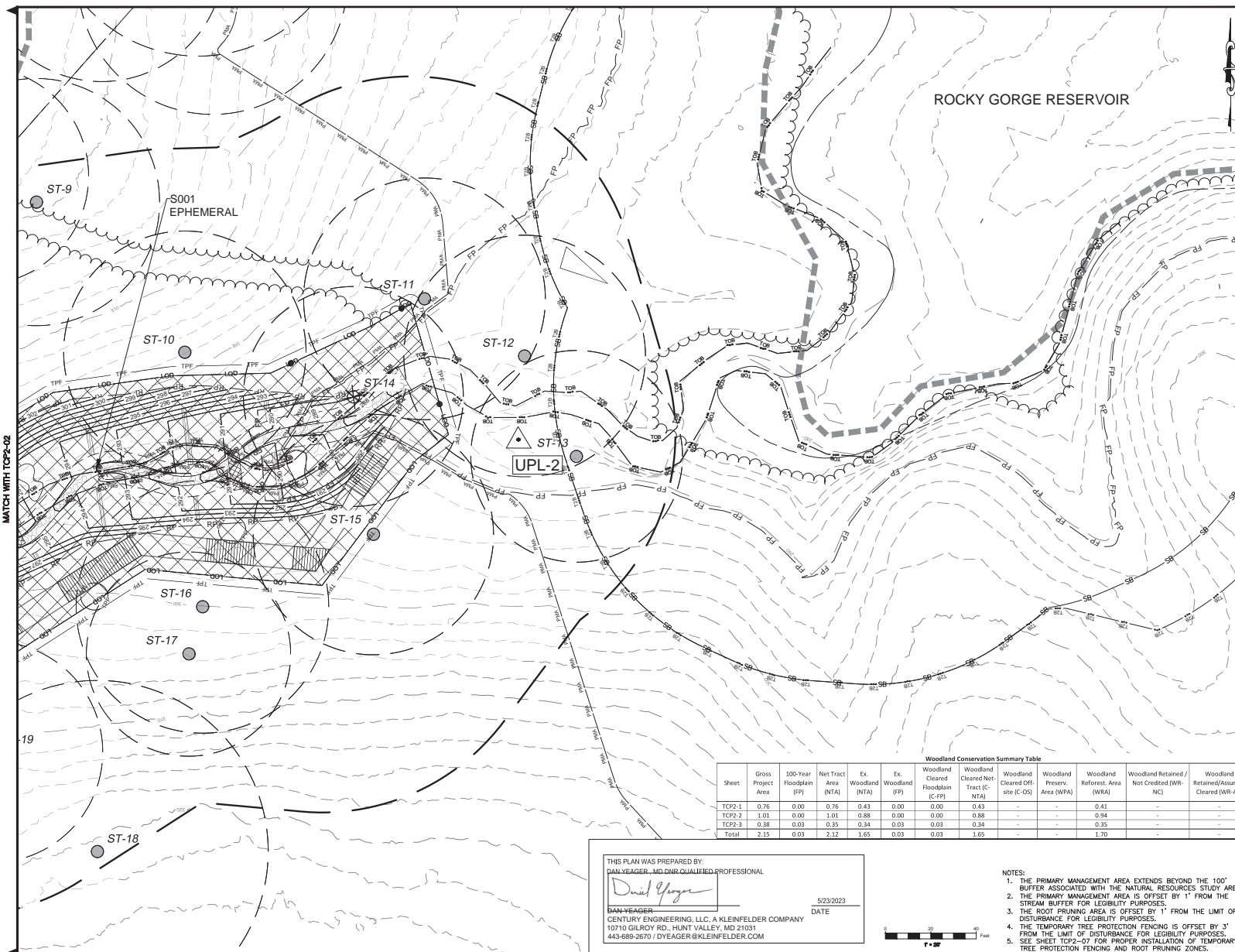


CAPITAL PROJECTS SECTION  
STORMWATER MANAGEMENT  
DIVISION

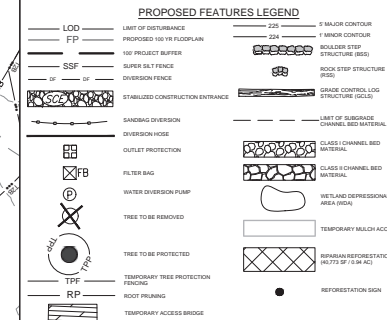
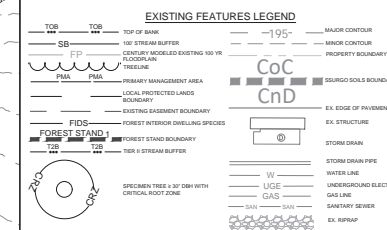
DUCKETT PARK (8-24)  
STREAM RESTORATION  
PRINCE GEORGE'S COUNTY, MARYLAND

TREE CONSERVATION PLAN 2  
TCP2-02





VICINITY MAP  
1" = 2000'  
TAX MAP PAGE 52 GRID E2/E3  
COUNTY MAP PAGE X GRID XX  
WSSC 200' SHEET NO. 221NE06/221NE07



REFER TO DETAIL TCP-26 FOR ROOT PRUNING AND TREE PROTECTION FENCING.

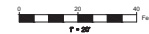
**PROPERTY OWNERS AWARENESS CERTIFICATE**  
I, Mike Hammer, hereby acknowledge that we are aware of this Type 2 Tree Conservation Plan (TCP2) and that we understand the requirements as set forth in this TCP2.  
Owner or Owner's Representative: Mike Hammer  
Date: 9/21/2023

Woodland Conservation Summary Table											
Sheet	Gross Project Area	100-Year Floodplain (FP)	Net Tract Area (NTA)	Ex. Woodland (NTA)	Ex. Woodland (FP)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Net-Tract (C-NTA)	Woodland Cleared Off-site (C-OS)	Woodland Preserv. Area (WPA)	Woodland Reforest. Area (WRA)	Woodland Retained / Not Credited (WR-NC)
TCP2-1	0.76	0.00	0.76	0.43	0.00	0.00	0.43	-	-	0.41	-
TCP2-2	1.01	0.00	1.01	0.88	0.00	0.00	0.88	-	-	0.94	-
TCP2-3	0.38	0.03	0.35	0.34	0.03	0.03	0.34	-	-	0.35	-
Total	2.15	0.03	2.12	1.65	0.03	0.03	1.65	-	-	1.70	-

THIS PLAN WAS PREPARED BY:  
DAN YEAGER, MD DNR QUALIFIED PROFESSIONAL  
DATE: 5/23/2023  
CENTURY ENGINEERING, LLC, A KLEINFELDER COMPANY  
10710 GILROY RD., HUNT VALLEY, MD 21031  
443-689-2670 / DYEAGER@KLEINFELDER.COM

**NOTES:**

- THE PRIMARY MANAGEMENT AREA EXTENDS BEYOND THE 100' BUFFER ASSOCIATED WITH THE NATURAL RESOURCES STUDY AREA.
- THE PRIMARY MANAGEMENT AREA IS OFFSET BY 1' FROM THE STREAM BUFFER FOR LEGIBILITY PURPOSES.
- THE ROOT PRUNING AREA IS OFFSET BY 1' FROM THE LIMIT OF DISTURBANCE FOR LEGIBILITY PURPOSES.
- THE TEMPORARY TREE PROTECTION FENCING IS OFFSET BY 3' FROM THE LIMIT OF DISTURBANCE FOR LEGIBILITY PURPOSES.
- SEE SHEET TCP2-07 FOR PROPER INSTALLATION OF TEMPORARY TREE PROTECTION FENCING AND ROOT PRUNING ZONES.



DEPARTMENT OF THE ENVIRONMENT



CAPITAL PROJECTS SECTION  
STORMWATER MANAGEMENT  
DIVISION

DUCKETT PARK (B-24)  
STREAM RESTORATION  
PRINCE GEORGE'S COUNTY, MARYLAND

TREE CONSERVATION PLAN 2  
TCP2-03



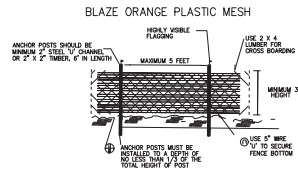
10710 GILROY ROAD, HUNT VALLEY, MD 21031  
PHONE: 443-689-2400

From George's County Planning Department, N.C.P.P.C. Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-03-2023			
Approved by	Date	DRD #	Reason for Revision
<u>Sam Fiedler</u>	<u>7/22/2023</u>		N/A
01			
02			
03			
04			
05			





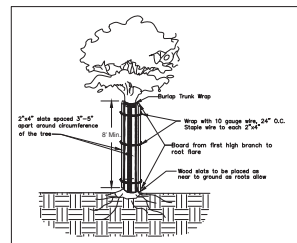
NUMBER	SPECIES	DBH	CONDI	NOTES	DISPOSITION	PROTECTION TYPE
S1-1	Tulip tree (Liriodendron tulipifera)	39	Poor	Grilled roots, broken limbs and vines	-	-
S1-2	Tulip tree (Liriodendron tulipifera)	35.7	Poor	Bark rot and broken limbs	-	-
S1-3	Tulip tree (Liriodendron tulipifera)	38.5	Good	Twain leader splits below 4.5'	-	-
S1-4	Tulip tree (Liriodendron tulipifera)	39.6	Good	Twain leader	-	-
S1-5	Tulip tree (Liriodendron tulipifera)	44.5	Good	Twain leader	-	-
S1-6	Tulip tree (Liriodendron tulipifera)	35.5	Good	-	-	-
S1-7	Tulip tree (Liriodendron tulipifera)	33.5	Good	-	-	-
S1-8	White oak (Quercus alba)	32	Good	-	To Be Retained	Tree Protection Fencing & Root Pruning
S1-9	Northern red oak (Quercus rubra)	38.3	Poor	-	To Be Retained	Tree Protection Fencing & Root Pruning
S1-10	White oak (Quercus alba)	35.6	Fair	Bark rot	To Be Retained	Tree Protection Fencing & Root Pruning
S1-11	Tulip tree (Liriodendron tulipifera)	33.5	Fair	Bark rot, grilled roots and twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-12	Tulip tree (Liriodendron tulipifera)	33.5	Fair	Bark rot, broken limbs and twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-13	Northern red oak (Quercus rubra)	31.1	Fair	Large dead wood and on stream bank	To Be Retained	Tree Protection Fencing & Root Pruning
S1-14	Tulip tree (Liriodendron tulipifera)	32.3	Fair	Grilled roots, bark rot and holes at base	To Be Retained	Tree Protection Fencing & Root Pruning
S1-15	Tulip tree (Liriodendron tulipifera)	33.3	Fair	Bark rot	To Be Retained	Tree Protection Fencing & Root Pruning
S1-16	Tulip tree (Liriodendron tulipifera)	37.1	Fair	Vines and bark rot	To Be Retained	Tree Protection Fencing & Root Pruning
S1-17	Tulip tree (Liriodendron tulipifera)	30	Fair	Bark rot at base	To Be Retained	Tree Protection Fencing & Root Pruning
S1-18	Tulip tree (Liriodendron tulipifera)	50.2	Fair	Vines, bark rot at base and twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-19	Tulip tree (Liriodendron tulipifera)	32.5	Fair	Heavy vines	To Be Retained	Tree Protection Fencing & Root Pruning
S1-20	Tulip tree (Liriodendron tulipifera)	35.1	Fair	Bark rot at base	To Be Retained	Tree Protection Fencing & Root Pruning
S1-21	Tulip tree (Liriodendron tulipifera)	30	Good	-	To Be Retained	-
S1-22	Tulip tree (Liriodendron tulipifera)	41.3	Fair	Holes at base, vines and twain leader	To Be Retained	-
S1-23	Tulip tree (Liriodendron tulipifera)	38.3	Good	-	To Be Retained	-
S1-24	Tulip tree (Liriodendron tulipifera)	35.8	Poor	Dead leader, heavy vines and twain with ST-25	To Be Retained	Tree Protection Fencing & Root Pruning
S1-25	Tulip tree (Liriodendron tulipifera)	47.5	Fair	Dead leader, heavy vines and twain with ST-24	To Be Retained	Tree Protection Fencing & Root Pruning
S1-26	Tulip tree (Liriodendron tulipifera)	30	Fair	Bark rot at base	To Be Retained	-
S1-27	Tulip tree (Liriodendron tulipifera)	35.2	Good	-	To Be Retained	-
S1-28	White oak (Quercus alba)	30.2	Fair	On stream bank	To Be Retained	-
S1-29	Tulip tree (Liriodendron tulipifera)	34.1	Good	-	To Be Retained	-
S1-30	Tulip tree (Liriodendron tulipifera)	30.2	Fair	Bark rot at base	To Be Retained	Tree Protection Fencing & Root Pruning
S1-31	Tulip tree (Liriodendron tulipifera)	37.7	Fair	Bark rot at base and twain leader below 4.5'	To Be Retained	Tree Protection Fencing & Root Pruning
S1-32	Tulip tree (Liriodendron tulipifera)	30	Good	Twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-33	Tulip tree (Liriodendron tulipifera)	31.5	Good	-	To Be Retained	Tree Protection Fencing & Root Pruning
S1-34	Tulip tree (Liriodendron tulipifera)	38.8	Fair	Vines	To Be Retained	Tree Protection Fencing & Root Pruning
S1-35	Tulip tree (Liriodendron tulipifera)	36.5	Good	-	To Be Retained	-
S1-36	Tulip tree (Liriodendron tulipifera)	30	Good	-	To Be Retained	-
S1-37	Tulip tree (Liriodendron tulipifera)	37.2	Fair	Bark rot at base	To Be Retained	-
S1-38	Tulip tree (Liriodendron tulipifera)	43.8	Good	Twain leader	To Be Retained	-
S1-39	Tulip tree (Liriodendron tulipifera)	31	Fair	Bark rot at base and heavy vines	To Be Retained	Tree Protection Fencing & Root Pruning
S1-40	Tulip tree (Liriodendron tulipifera)	31	Poor	Dead leader and large root holes	To Be Retained	Tree Protection Fencing & Root Pruning
S1-41	Tulip tree (Liriodendron tulipifera)	30	Good	-	To Be Retained	Tree Protection Fencing & Root Pruning
S1-42	Tulip tree (Liriodendron tulipifera)	30.5	Fair	Bark rot at base and grilled roots	To Be Retained	Tree Protection Fencing & Root Pruning
S1-43	Tulip tree (Liriodendron tulipifera)	30	Poor	Heavy vines	To Be Retained	Tree Protection Fencing & Root Pruning
S1-44	Tulip tree (Liriodendron tulipifera)	41.5	Fair	Vines and bark rot at base	To Be Retained	Tree Protection Fencing & Root Pruning
S1-45	Red maple (Acer rubrum)	35	Poor	Heavy vines, bark rot and triple leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-46	Red maple (Acer rubrum)	38.5	Poor	Vines, bark rot and dead leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-47	Tulip tree (Liriodendron tulipifera)	33	Fair	Bark rot at base	To Be Retained	Tree Protection Fencing & Root Pruning
S1-48	Tulip tree (Liriodendron tulipifera)	33.3	Fair	Bark rot at base and twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-49	Tulip tree (Liriodendron tulipifera)	30	Fair	Large dead wood	To Be Retained	-
S1-50	Tulip tree (Liriodendron tulipifera)	37	Fair	Heavy vines	To Be Retained	-
S1-51	Tulip tree (Liriodendron tulipifera)	30	Fair	Vines	To Be Retained	Tree Protection Fencing & Root Pruning
S1-52	Tulip tree (Liriodendron tulipifera)	30	Fair	Vines, broken limbs and twain with ST-25	To Be Retained	Tree Protection Fencing & Root Pruning
S1-53	Tulip tree (Liriodendron tulipifera)	52	Fair	Vines, broken limbs and twain with ST-25	To Be Retained	Tree Protection Fencing & Root Pruning
S1-54	Tulip tree (Liriodendron tulipifera)	43.2	Fair	Bark rot	To Be Retained	Tree Protection Fencing & Root Pruning
S1-55	Tulip tree (Liriodendron tulipifera)	30	Fair	Bark rot at base	To Be Retained	Tree Protection Fencing & Root Pruning
S1-56	Tulip tree (Liriodendron tulipifera)	32.4	Fair	Bark rot and twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-57	Tulip tree (Liriodendron tulipifera)	39	Good	Twain leader with additional third leader splits below 4.5'	To Be Retained	-
S1-58	Tulip tree (Liriodendron tulipifera)	31.4	Fair	Bark rot and twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-59	Tulip tree (Liriodendron tulipifera)	36.7	Fair	Bark rot and twain leader	To Be Retained	Tree Protection Fencing & Root Pruning
S1-60	Tulip tree (Liriodendron tulipifera)	35.5	Good	-	To Be Retained	-



- NOTES:
1. FOREST PROTECTION DEVICE ONLY.
  2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
  3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
  4. ROOT DAMAGE SHOULD BE AVOIDED.
  5. PROTECTIVE SHAKES MAY ADD TO USE.
  6. DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

#### TREE PROTECTION FENCING

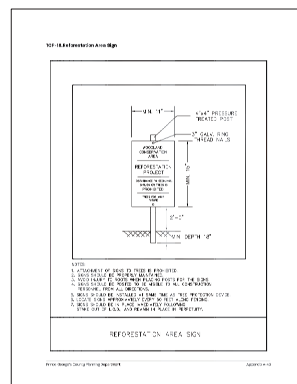
Not To Scale



- NOTES:
- Protective sheathing shall be installed prior to clearing, grading or construction begins. Protective measures shall remain in place for the duration of construction.

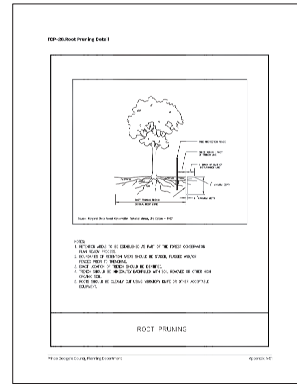
#### TREE PROTECTION PLAN (TPP)

Not To Scale



#### REFORESTATION AREA

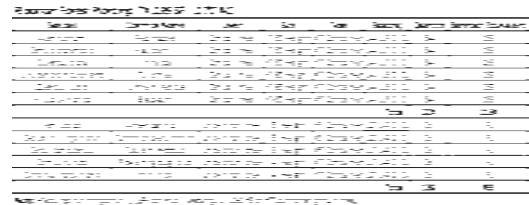
Not To Scale



#### ROOT PRUNING

Not To Scale

RESOURCE TYPE	RESOURCE NAME	CLASSIFICATION	AREA SF/AC	LENGTH (FT)
Waterway	S001 - Ephemeral	N/A	8,400/0.19	985
Waterway	S002 - Ephemeral	N/A	155/0.004	26



PROPERTY OWNERS AWARENESS CERTIFICATE

I, Mike Hammer, hereby acknowledge that we are aware of this Tree Conservation Plan (TCP) and that we understand the requirements as set forth in this TCP2.

Mike Hammer Date: 5/16/2023

Mike Hammer Date: 5/16/2023

DWG 6 OF 6



Approved by	Date	DRD #	Reason for Revision
<u>San Paul</u>	<u>1/15/2023</u>		N/A

5/23/2023

DATE

THIS PLAN WAS PREPARED BY:  
DAN YEAGER, MD DNR QUALIFIED PROFESSIONAL

Dan Yeager

DAN YEAGER  
CENTURY ENGINEERING, LLC, A KLEINFELDER COMPANY  
10710 GILROY RD., HUNT VALLEY, MD 21031  
443-689-2670 / DYEAGER@KLEINFELDER.COM

#### STEEP SLOPES DECIDUOUS TREE PLANTING

Not To Scale



CAPITAL PROJECTS SECTION  
STORMWATER MANAGEMENT  
DIVISION

DUCKETT PARK (B-24)  
STREAM RESTORATION  
PRINCE GEORGES COUNTY, MARYLAND

TREE CONSERVATION PLAN 2  
TCP2-05

DEPARTMENT OF THE ENVIRONMENT