# GRAPHIC SCALE: I" = 1000' O 1000' 2000' 3000' PROJECT AREA GARDNER RD

LATITUDE: N 38° 39' 48.22" LONGITUDE: W 76° 56' 12.04'

100-YEAR

FLOODPLAIN

IN PROJECT

AREA (FP)

8.40

5.21

2 7.29

5 0.96

TOTAL 21.86

**NET TRACT** 

AREA (NTA)

2.19

3.60

0.33

0.00

6.12

	General Imformation Table	
Layer Category	Layer Name	Value
Zone	Zoning (Zone)	R-A
Zone	Aviation Policy Area (APA)	N/A
Administrative	Tax Grid (TMG)	163-D1 and C3
Administrative WSSC Grid (Sheet 20)		221SE04 and 222SE04
Administrative	Policy Analysis Zone (PAZ)	273D84
Administrative	Planning Area (Plan Area)	5-84
Administrative	Election District (ED)	5
Administrative	Councilmanic District (CD)	9
Administrative	General Plan 2002 Tier (Tier)	Rural
Administrative	Traffic Analysis Zone (COG) (TAZ-COG)	1401
Administrative	PG Traffic Analysis Zone (TAZ-PG)	2644 and 2645

	Woodland Conservation W	orksheet			
for Governm	nental and Linear Projects in	Prince Geor	rge's County		
SECTION 1-Establishing Site Info	ormation				
Property Description or Name:	TRIBUTARY TO MATTAWON	AN CREEK			
Project Location;	16009 GARDNER RD WALL				
TCP2 Number:		Rev. No:	0		
NRI Number:	NRI-168-2016		Rev. No:	0	
Zone:		R-A			
Gross Tract:		27.98	acres		
Project Area/Limits:		27.98	acres		
SECTION 2-Determining Require	mente				
Existing Woodland in Project Lim		20.43	or	Т	73.02
Woodland Cleared in Project Lim	and the same of th	20.43			
Total area of woodland cleared (	and the state of t	20.43			
Off-Site Woodland Conservation	0.00	Annual de la service de la companya			
Off-Site Woodland Conservation	Contract the second sec	0.00			
Woodland Conservation Require		20.43	acres		
SECTION 3- Meeting the Require	ements				
SECTION 3- Meeting the Require Woodland Preserved	ements	0.00	the compression all the little of the contract of the contract of the contract of		
	ements	26.60	Bond amount	\$	347,608
Woodland Preserved	ements		the compression all the little of the contract of the contract of the contract of	\$	347,608
Woodland Preserved Afforestation /Reforestation	ements	26.60	the compression all the little of the contract of the contract of the contract of	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration		26.60 0.00	the compression all the little of the contract of the contract of the contract of	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit	CRZ area *2.0)	26.60 0.00 0.00	the compression all the little of the contract of the contract of the contract of	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit Speciment/Historic Tree Credit (Forest Enhancement Credit (Are	CRZ area *2.0)	26.60 0.00 0.00 0.00	the compression all the little of the contract of the contract of the contract of	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit Speciment/Historic Tree Credit (	CRZ area *2.0) a *.25) -year canopy coverage)	26.60 0.00 0.00 0.00 0.00	the compression all the little of the contract of the contract of the contract of	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit Speciment/Historic Tree Credit (Forest Enhancement Credit (Arestreet Tree Credit (Existing or 10))	CRZ area *2.0) a *.25) -year canopy coverage)	26.60 0.00 0.00 0.00 0.00 0.00	Bond amount	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit Speciment/Historic Tree Credit ( Forest Enhancement Credit (Are Street Tree Credit (Existing or 10 Prior Credit for Off-site Woodland	CRZ area *2.0) a *.25) -year canopy coverage) d Conservation and Conservation	26.60 0.00 0.00 0.00 0.00 0.00	Bond amount	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit Speciment/Historic Tree Credit ( Forest Enhancement Credit (Are Street Tree Credit (Existing or 10 Prior Credit for Off-site Woodland Current Credit for Off-site Woodland	CRZ area *2.0) a *.25) -year canopy coverage) d Conservation and Conservation provided (afforestation)	26.60 0.00 0.00 0.00 0.00 0.00 0.00	Bond amount	\$	347,608
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit Speciment/Historic Tree Credit ( Forest Enhancement Credit (Are: Street Tree Credit (Existing or 10 Prior Credit for Off-site Woodland Current Credit for Off-site Woodland Off-site Woodland Conservation	CRZ area *2.0) a *.25) -year canopy coverage) d Conservation and Conservation provided (afforestation) provided (preservation)	26.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Bond amount	\$	
Woodland Preserved Afforestation /Reforestation Natural Regeneration Landscape Credit Speciment/Historic Tree Credit (Are Forest Enhancement Credit (Are Street Tree Credit (Existing or 10 Prior Credit for Off-site Woodland Current Credit for Off-site Woodland Off-site Woodland Conservation Off-site Woodland Conservation	CRZ area *2.0) a *.25) -year canopy coverage) d Conservation and Conservation provided (afforestation) provided (preservation)	26.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Bond amount	\$	\$0.0 \$0.0

PROJECT AREA

= LOD

9.48

12.00

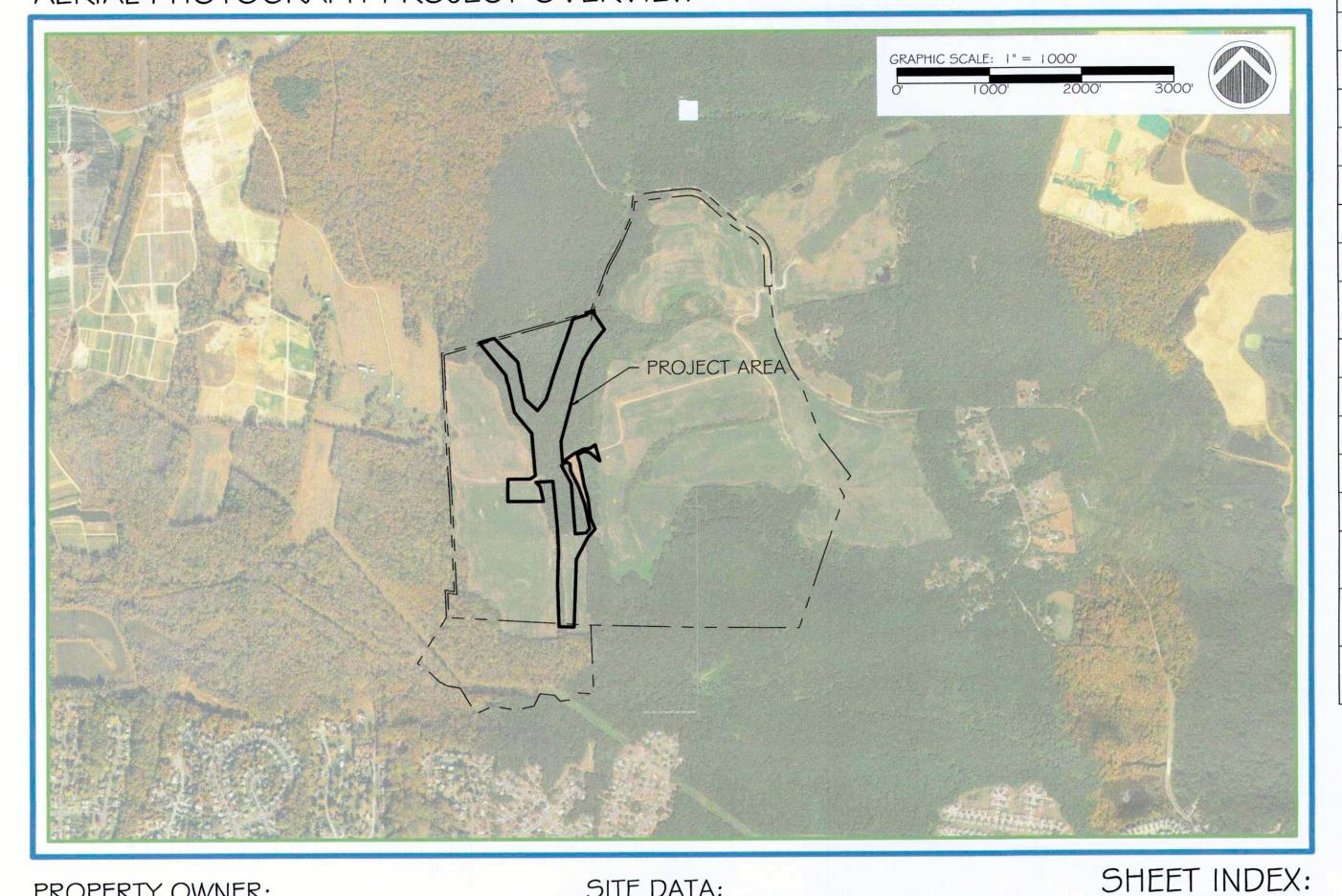
5.54

0.96

27.98

# TRIBUTARY TO MATTAWOMAN CREEK STREAM RESTORATION TYPE 2 TREE CONSERVATION PLAN DOE CLEAN WATER PARTNERSHIP PRINCE GEORGE'S COUNTY, MARYLAND

AERIAL PHOTOGRAPH-PROJECT OVERVIEW



PROPERTY OWNER:

NAME: GARDNER ROAD ASSOCIATES, LLC

ADDRESS: 12150 TAC CT

MANASSAS, VA 20109

CONTACT: JASON BROWN

PHONE NUMBER: 703.393.4018

EMAIL: JBROWN@THEANDERCO.COM

APPLICANT:

NAME: RES

ADDRESS: 5367 TELEPHONE ROAD

WARRENTON, VA 20187

CONTACT: REID COOK

PHONE NUMBER: 703.393.4844

WOODLAND

CLEARED OFF-

SITE (C-OS)

0.00

0.00

0.00

0.00

EMAIL: RCOOK@RES.US

CLIENT:

NAME: CORVIAS PRINCE GEORGE'S COUNTY

STORMWATER PARTNERS, LLC

ADDRESS: 1801 MCCORMICK DRIVE, SUITE 280

LARGO, MARYLAND 20774

CONTACT: SRIKANTH GORUGANTULA

PRESERV.

AREA (WPA)

0.00

0.00

0.00

0.00

0.00

WOODLAND WOODLANI

REFOREST

AREA (WRA)

9.48

10.62

5.54

0.96

26.60

WOODLAND

RETAINED/NO

CREDITED

(WR-NC)

0.00

0.00

0.00

0.00

WOODLAND

RETAINED/

ASSUMED

LEARED (WR-AC

0.00

0.00

0.00

0.00

0.00

SITE DATA:

TAX ID: 0352542, 0316117, 0316091, 0316075, \$ 0316133

ADDRESS: 16009 GARDNER RD

WALDORF, MD 20601

ACREAGE: 382.04 AC.+/-

PARCEL: 046, 037 \$ 039

2 - TCP2 NOTES 3-6 - TCP2 DESIGN 7 - TCP2 DETAILS 8 - TCP2 PLANTING NOTES

I - COVER SHEET

Qualified Professional Certification

Signature:

Date: 5/24/2020

Michael Peny, LA
5367 Telephone Road, Waterier
540-905-4467; mpeny@res.us

PROJECT STATUS

DATE

DESCRIPTION

SITE STATISTICS TABLE	
ACREAGE OF PARCELS	382.66 AC
PROJECT AREA=LOD	27.98 AC
I OO-YEAR FLOODPLAIN IN PROJECT AREA	21.86 AC
NET TRACT AREA	6.12 AC
EXISTING WOODLAND IN PROJECT AREA	20.43 AC
WOODLAND CLEARED IN PROJECT AREA	20.43 AC
WOODLAND AFFORESTATION/REFORESTATION	26.60 AC

MAP UNIT SYMBOL/NAME	ERODIBILITY	DRAINAGE	HYDROLOGIC	
IVIAI UNII STIVIDOLINAIVIE	K-FACTOR	CLASS	SOIL GROUP	RATING
APA - AQUASCO SILT LOAM, O-2% SLOPES	0.49	SOMEWHAT POORLY DRAINED	D	NOT HYDRIC
ApB - AQUASCO SILT LOAM, 2-5% SLOPES	0.49	SOMEWHAT POORLY DRAINED	D	NOT HYDRIC
BaA - BELTSVILLE SILT LOAM, O-2% SLOPES	0.37	MODERATELY WELL DRAINED	С	NOT HYDRIC
BaB - BELTSVILLE SILT LOAM, 2-5% SLOPES	0.37	MODERATELY WELL DRAINED	С	NOT HYDRIC
BaC - BELTSVILLE SILT LOAM, 5-10% SLOPES	0.43	MODERATELY WELL DRAINED	С	NOT HYDRIC
CrB - CROOM GRAVELLY SANDY LOAM, 2-5% SLOPES	0.17	WELL DRAINED	С	NOT HYDRIC
CrC - CROOM GRAVELLY SANDY LOAM, 5-10% SLOPES	0.17	WELL DRAINED	С	NOT HYDRIC
CWE - CROOM-MARR COMPLEX, 15-25% SLOPES	0.15	WELL DRAINED	С	NOT HYDRIC
DOB DOWNER-HAMMONTON COMPLEX, 2-5% SLOPES	0.1	WELL DRAINED	A	NOT HYDRIC
DoC DOWNER-HAMMONTON COMPLEX, 5-10% SLOPES	0.1	WELL DRAINED	А	NOT HYDRIC
FaaA - FALLSINGTON SANDY LOAMS, 0-2% SLOPES	-	POORLY DRAINED	C/D	HYDRIC
GgB - GROSSTOWN GRAVELLY SILT LOAM, 2-5% SLOPES	0.24	WELL DRAINED	А	NOT HYDRIC
GgC - GROSSTOWN GRAVELLY SILT LOAM, 5-10% SLOPES	0.24	WELL DRAINED	А	NOT HYDRIC
wD - GROSSTOWN-WOODSTOWN-BELTSVILLE COMPLEX, 5-15% SLOPES	0.37	MODERATELY WELL DRAINED	С	NOT HYDRIC
LQA - LENNI AND QUINDOCQUA SOILS, O-2% SLOPES	0.43	POORLY DRAINED	C/D	HYDRIC
MpB - MATAPEAKE SILT LOAM, 2-5% SLOPES	0.49	WELL DRAINED	С	NOT HYDRIC
Px - POTOBAC-ISSUE COMPLEX, FREQUENTLY FLOODED	0.28	POORLY DRAINED	B/D	HYDRIC
UdgB - UDORTHENTS, RECLAIMED GRAVEL PITS, 0-5% SLOPES	0.15	WELL DRAINED	С	NOT HYDRIC
UdgD - UDORTHENTS, RECLAIMED GRAVEL PITS, 5-15% SLOPES	0.15	WELL DRAINED	С	NOT HYDRIC
WdaA - WOODSTOWN SANDY LOAM, 0-2% SLOPES	0.15	MODERATELY WELL DRAINED	С	NOT HYDRIC
WdaB - WOODSTOWN SANDY LOAM, 2-5% SLOPES	0.15	MODERATELY WELL DRAINED	С	NOT HYDRIC
WoC - WOODSTOWN SANDY LOAM, 5-10% SLOPES	0.15	MODERATELY WELL DRAINED	С	NOT HYDRIC

I/ We HGS, LLC 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.

5/25/2020
Owner or Owners Representative DON SEABORN
Date

I/ We \_\_\_\_\_\_ 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.

Contract Purchaser Date

Prince George's County Planning Department, M-NCPPC
Environmental Planning Section

TREE CONSERVATION PLAN APPROVAL

TCPII-008-2020

Approved by Date DRD # Reason for Revision

00 Que 2 Schools 6/4/2020

01

02

03

04

05

06

TRIBUTARY TO MATTAWOMAN CREEK STREAM RESTORATION - TCP2

PROJECT MANAGER:

RC

O00754-0754

DESIGNED:

CP

DRAWN:

KH/IC/CP

DESIGN TYPE:

O5/22/2020



5367 TELEPHONE ROAD, WARRENTON, VIRGINIA 20187 P: 703.393.4844 | F: 703.393.2934

WWW.RES.US

1 OF 8

NOTE: ACRES ROUNDED TO THE NEAREST ONE-HUNDREDTH OF AN ACRE.

R:\Rescad\Projects\000754-0754-Corvias Ph 2-Anderson\TCP\Plan Sheets\0754-TCP-COVERSHEET.dwg, 5/22/2020 | 1:36:28 AM, cpankow, ARCH expand D (24.00 x 36.00 Inches), 1:1

WOODLAND I

2.19

1.15

0.18

0.00

3.52

5/26/2020

EX. WOODLAND

100-YR

FLOODPLAIN IN

PROJECT AREA

7.21

7.27

2.17

0.26

16.91

WOODLAND CONSERVATION SUMMARY TABLE

WOODLAND

CLEARED

LOODPLAIN (C-FP

7.21

7.27

2.17

0.26

16.91

WOODLAND

CLEARED NET-

TRACT (C-NTA)

2.19

1.15

0.18

0.00

3.52

	P	ROJECT STATUS
	DATE	DESCRIPTION
CECOND CUBNICCIO	02/12/2020	FIRST SUBMISSION
05/22/2020 SECOND SUBMISSIC	05/22/2020	SECOND SUBMISSION

ents of Subtitle 25 and the Woodland and Wildlife

# TREE CONSERVATION PLAN TYPE 2- GENERAL NOTES

- I. THIS PLAN IS SUBMITTED FOR PERMIT PURPOSES.
- 2.CUTTING OR CLEARING OF WOODLAND NOT IN CONFORMANCE WITH THIS PLAN OR WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PLANNING DIRECTOR OR DESIGNEE SHALL BE SUBJECT TO A \$9.00 PER SQUARE FOOT MITIGATION FEE.
- 3.A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PERMITTING, INSPECTION AND ENFORCEMENT SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTRUCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL.
- 4.THE DEVELOPER OR BUILDER OF THE LOTS OR PARCELS SHOWN ON THIS PLAN SHALL NOTIFY FUTURE BUYERS OF ANY WOODLAND CONSERVATION AREAS THROUGH THE PROVISION OF A COPY OF THIS PLAN AT TIME OF CONTRACT SIGNING. FUTURE PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT.
- 5. THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.
- 6. THE PROPERTY IS WITHIN ENVIRONMENTAL STRATEGY AREA, ESA-3 AND IS ZONED R-A (RESIDENTIAL-AGRICULTURAL).
- 7. THE PROPERTY IS ABUTTING GARDNER ROAD WHICH IS A DESIGNATED SCENIC ROADWAY.
- 8. THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
- 9. THIS PLAN IS NOT GRANDFATHERED UNDER CB-27-2010, SECTION 25-119(G).

## TREE CONSERVATION PLAN TYPE 2- ADDITIONAL NOTES:

### AFFORESTATION AND REFORESTATION NOTES

- A.ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FOOTAGE, SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF ANY PERMITS. THESE BONDS WILL BE RETAINED AS SURETY UNTIL ALL REQUIRED ACTIVITIES HAVE BEEN SATISFIED OR THE REQUIRED TIMEFRAME FOR MAINTENANCE HAS PASSED, WHICHEVER IS LONGER.
- B.SEEDLING PLANTING IS TO OCCUR FROM NOVEMBER THROUGH MAY ONLY. NO PLANTING SHALL BE DONE WHILE GROUND IS FROZEN. PLANTING WITH LARGER CALIPER STOCK OR CONTAINERIZED STOCK MAY BE DONE AT ANY TIME PROVIDED A DETAILED MAINTENANCE SCHEDULE IS PROVIDED.
- C.IF PLANTING CANNOT OCCUR DUE TO PLANTING CONDITIONS, THE DEVELOPER OR PROPERTY OWNER SHALL INSTALL THE FENCING AND SIGNAGE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN. PLANTING SHALL THEN BE ACCOMPLISHED DURING THE NEXT PLANTING SEASON. IF PLANTING IS DELAYED BEYOND THE TRANSFER OF THE PROPERTY TITLE TO THE HOMEOWNER, THE DEVELOPER OR BUILDER SHALL OBTAIN A SIGNED STATEMENT FROM THE PURCHASER INDICATING THAT THEY UNDERSTAND THAT THE REFORESTATION AREA IS LOCATED ON THEIR PROPERTY AND THAT REFORESTATION WILL OCCUR DURING THE NEXT PLANTING SEASON. A COPY OF THAT DOCUMENT SHALL BE PRESENTED TO THE GRADING INSPECTOR AND THE COUNTY.
- D.REFORESTATION AREAS SHALL NOT BE MOWED. THE MANAGEMENT OF COMPETING VEGETATION AROUND INDIVIDUAL TREES AND THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION WITHIN THE REFORESTATION AREAS IS ACCEPTABLE.
- E. ALL REQUIRED TEMPORARY TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE PERMANENT TREE PROTECTION FENCING IS INSTALLED WITH THE REQUIRED PLANTING. THE TEMPORARY FENCING IS NOT REQUIRED TO BE INSTALLED IF THE PERMANENT FENCING IS INSTALLED PRIOR TO CLEARING AND GRADING OF THE SITE. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE FENCING IS A VIOLATION OF THIS TCP2.
- F. AFFORESTATION/REFORESTATION AREAS SHALL BE POSTED WITH NOTIFICATION SIGNAGE, AS SHOWN ON THE PLANS, AT THE SAME TIME AS THE PERMANENT PROTECTION FENCING INSTALLATION. THESE SIGNS SHALL REMAIN IN PERPETUITY.
- G.THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTING ON THIS SITE.
- H.AT TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORMATION SHALL BE SUBMITTED TO THE M-NCPPC PLANNING DEPARTMENT REGARDING THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN: CONTRACTOR NAME; BUSINESS NAME (IF DIFFERENT); ADDRESS; AND PHONE NUMBER. RESULTS OF ANNUAL SURVIVAL CHECKS FOR EACH OF THE REQUIRED FOUR YEARS AFTER TREE PLANTING SHALL BE REPORTED TO THE M-NCPPC, PLANNING DEPARTMENT.
- I. FAILURE TO ESTABLISH THE AFFORESTATION OR REFORESTATION WITHIN THE PRESCRIBED TIME FRAME WILL RESULT IN THE FORFEITURE OF THE REFORESTATION BOND AND/OR A VIOLATION OF THIS PLAN INCLUDING THE ASSOCIATED \$9.00 PER SQUARE FOOT PENALTY UNLESS THE COUNTY INSPECTOR APPROVES A WRITTEN EXTENSION.

# POST DEVELOPMENT NOTES

- A.IF THE DEVELOPER OR BUILDER NO LONGER HAS AN INTEREST IN THE PROPERTY AND THE NEW OWNER DESIRES TO REMOVE A HAZARDOUS TREE OR PORTION THEREOF, THE NEW OWNER SHALL OBTAIN A WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR LICENSED TREE EXPERT IDENTIFYING THE HAZARDOUS CONDITION AND THE PROPOSED CORRECTIVE MEASURES PRIOR TO HAVING THE WORK CONDUCTED. AFTER PROPER DOCUMENTATION HAS BEEN COMPLETED PER THE HANDOUT "GUIDANCE FOR PRINCE GEORGE'S COUNTY PROPERTY OWNERS, PRESERVATION OF WOODLAND CONSERVATION AREAS", THE ARBORIST OR TREE EXPERT MAY THEN REMOVE THE TREE. THE STUMP SHALL BE CUT AS CLOSE TO THE GROUND AS POSSIBLE AND LEFT IN PLACE. THE REMOVAL OR GRINDING OF THE STUMPS IN THE WOODLAND CONSERVATION AREA IS NOT PERMITTED. IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE. TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.
- B.THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAIN SAW). THESE PLANTS MAY BE CUT NEAR THE GROUND AND MATERIAL LESS THAN TWO INCHES DIAMETER MAY BE REMOVED FROM THE AREA AND DISPOSED OF APPROPRIATELY. ALL MATERIAL FROM THESE NOXIOUS, INVASIVE, AND NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.
- C.THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE RE-SPROUTING OF INVASIVE, NOXIOUS, OR NON-NATIVE PLANTS IS PERMITTED IF DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS.
- D.THE USE OF CHAINSAWS IS EXTREMELY DANGEROUS AND SHOULD NOT BE CONDUCTED WITH POORLY MAINTAINED EQUIPMENT, WITHOUT SAFETY EQUIPMENT, OR BY INDIVIDUALS NOT TRAINED IN THE USE OF THIS EQUIPMENT FOR THE PRUNING AND/OR CUTTING OF TREES.

# SURVEY NOTES

- 1. FOR THE PURPOSES OF ASSESSMENT AND TAXATION, THE SUBJECT PROPERTY IS IDENTIFIED AS PARCEL 42 \$ 39, AS SHOWN ON TAX MAP 0 | 63 (GRID D3) FOR PRINCE GEORGE'S COUNTY, MARYLAND, WITH A STREET ADDRESS OF | 6305 GARDNER ROAD, WALDORF, MARYLAND 2060 | .
- 2. THE FIELDWORK FOR THIS SURVEY WAS STARTED ON 09/23/2019, WITH THE LAST DATE OF FIELDWORK BEING 11/14/2019.
- 3. THERE IS NO OBSERVABLE EVIDENCE OF CEMETERIES OR BURIAL GROUNDS ON THE SUBJECT PROPERTY.
  4. COORDINATES SHOWN HEREON WERE ESTABLISHED USING TRIMBLE'S REAL-TIME KEYNETGPS AND THEIR VIRTUAL REFERENCE STATION SYSTEM (VRS) AND ARE BASED ON MARYLAND COORDINATE SYSTEM NAD83 (2011). ALL BEARINGS AND DISTANCES SHOWN ARE BASED ON GRID COORDINATES. THE AVERAGE SCALE FACTOR FOR THE SUBJECT PROPERTY IS 0.99995677. THE AVERAGE PROPERTY ELEVATION BASED UPON NAVD88 VERTICAL DATUM IS 155 FEET, FOR AN ELEVATION FACTOR OF 0.99999772. THE COMBINED FACTOR FOR THE SUBJECT PROPERTY IS 0.99995450. ALL BEARINGS AND DISTANCES SHOWN ARE
- BASED ON GRID COORDINATES.

  5. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.

# WETAND NOTES

THE WETLAND INFORMATION ON THIS PLAN IS FROM A STUDY PREPARED BY KEVIN MCCARTHY OF BEN DYER ASSOCIATES, IN A STUDY DATED DECEMBER 2015.

Qualified Pro	ofessional Certification
This plan comp	olies with the current requirements of Subtitle 25 and the Woodland and Wildlife
Signature:	Date: 5/24/2020

Michael Peny, LA

5367 Telephone Road, Warsh 540-905-4467; mpeny@res.us

		SP	ECIMEN T	REE INVENT	ORY		
NO.	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	CONDITION RATING	CONDITION COMMENTS	DISPOSITION	PRESERVATION COMMENTS
1	PIN OAK	QUERCUS PALUSTRIS	30	FAIR		REMOVE	
2	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	31	FAIR		REMOVE	
3	RED MAPLE	ACER RUBRUM	30	POOR		REMOVE	
4	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	39	FAIR		REMOVE	
5	RED MAPLE	ACER RUBRUM	38	FAIR		SAVE	LESS THAN 50% WITHIN LOD, WILL INSTALL MULCH AND TIMBER MATS TO PROTECT CRZ WITHIN LOD
6	RED MAPLE	ACER RUBRUM	30	FAIR		SAVE	OUTSIDE LOD
7	RED MAPLE	ACER RUBRUM	31	POOR		SAVE	LESS THAN 50% WITHIN LOD, WILL INSTALL MULCH AND TIMBER MATS TO PROTECT CRZ WITHIN LOD
8	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	38	POOR		REMOVE	
9	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	32	FAIR		REMOVE	
10	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	30	FAIR		REMOVE	
11	RED MAPLE	ACER RUBRUM	37	FAIR		SAVE	LESS THAN 50% WITHIN LOD, WILL INSTALL MULCH AND TIMBER MATS TO PROTECT CRZ WITHIN LOD
12	PIN OAK	QUERCUS PALUSTRIS	35	FAIR		SAVE	LESS THAN 50% WITHIN LOD, WILL INSTALL MULCH AND TIMBER MATS TO PROTECT CRZ WITHIN LOD
13	PIN OAK	QUERCUS PALUSTRIS	35	FAIR		SAVE	LESS THAN 50% WITHIN LOD, WILL INSTALL MULCH AND TIMBER MATS TO PROTECT CRZ WITHIN LOD
14	RED MAPLE	ACER RUBRUM	40	POOR		SAVE	OUTSIDE LOD
15	WILLOW OAK	QUERCUS PHELLOS	31	GOOD		SAVE	OUTSIDE LOD
16	WILLOW OAK	QUERCUS PHELLOS	31	GOOD		SAVE	OUTSIDE LOD
17	SWAMP WHITE OAK	QUERCUS BICOLOR	38	GOOD		SAVE	OUTSIDE LOD
18	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	33	GOOD		SAVE	OUTSIDE LOD
19	PIN OAK	QUERCUS PALUSTRIS	30	GOOD		SAVE	OUTSIDE LOD
20	GREEN ASH	FRAXINUS PENSYLVANICA	47	POOR		SAVE	OUTSIDE LOD
21	RED MAPLE	ACER RUBRUM	31	POOR		SAVE	OUTSIDE LOD
22	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	53	FAIR		SAVE	OUTSIDE LOD
23	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	48	POOR		SAVE	OUTSIDE LOD
24	BLACK WALNUT	JUGLANS NIGRA	41	FAIR		SAVE	OUTSIDE LOD
25	BLACK WALNUT	JUGLANS NIGRA	34	POOR		SAVE	OUTSIDE LOD
26	BLACK OAK	QUERCUS VELUTINA	32	FAIR		SAVE	OUTSIDE LOD
27	BLACK WALNUT	JUGLANS NIGRA	32	FAIR		SAVE	OUTSIDE LOD
28	SWAMP CHESTNUT OAK	QUERCUS MICHAUXII	32	GOOD		SAVE	OUTSIDE LOD
29	SYCAMORE	PLATANUS OCCIDENTALIS	30	POOR		SAVE	OUTSIDE LOD
30	YELLOW POPLAR YELLOW POPLAR	LIRIODENDRON TULIPIFERA	46 37	POOR		SAVE	OUTSIDE LOD
32		LIRIODENDRON TULIPIFERA	31	POOR		SAVE	OUTSIDE LOD
33	RED MAPLE	ACER RUBRUM	31	POOR		SAVE	OUTSIDE LOD
34	SWEETGUM YELLOW POPLAR	LIQUIDAMBAR STYRACIFLUA LIRIODENDRON TULIPIFERA	34	FAIR POOR		SAVE SAVE	OUTSIDE LOD
35	YELLOW POPLAR YELLOW POPLAR	LIRIODENDRON TULIPIFERA	41	POOR		SAVE	OUTSIDE LOD OUTSIDE LOD
36	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	38	FAIR		SAVE	OUTSIDE LOD
37	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	30	POOR		SAVE	OUTSIDE LOD
38	AMERICAN BEECH	FAGUS GRANDIFOLIA	32	GOOD		SAVE	OUTSIDE LOD
39	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	32	GOOD		SAVE	OUTSIDE LOD
40	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	32	FAIR		SAVE	OUTSIDE LOD
41	SYCAMORE	PLATANUS OCCIDENTALIS	43	POOR		SAVE	OUTSIDE LOD
42	SYCAMORE	PLATANUS OCCIDENTALIS	35	FAIR		SAVE	OUTSIDE LOD
43	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	30	FAIR		SAVE	OUTSIDE LOD
44	YELLOW POPLAR	LIRIODENDRON TULIPIFERA	32	POOR		SAVE	OUTSIDE LOD
45	SWAMP CHESTNUT OAK	QUERCUS MICHAUXII	47	FAIR		SAVE	OUTSIDE LOD
	RED MAPLE	ACER RUBRUM	40	POOR		SAVE	OUTSIDE LOD
46	INCLUDING LE	ACEI RODICIOI					

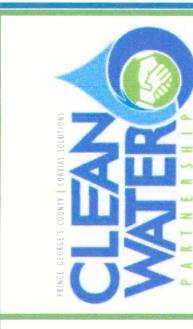
NOTE: ALL SPECIMEN, CHAMPION, AND HISTORIC TREES WITHIN 100 FEET OF THE PROPOSED LOD WERE SURVEY LOCATED.

NOTE: THIS PLAN IS APPROVED IN ACCORDANCE WITH THE FOLLOWING VARIANCE(S) FROM THE STRICT REQUIREMENTS OF SUBTITLE 25 APPROVED BY THE PLANNING DIRECTOR ON (ADD DATE):

A.THE REMOVAL OF THE FOLLOWING 7 SPECIMEN TREES (SECTION 25-122(b)(1)(G)): ST-1, ST-2, ST-3, ST-4, ST-8, ST-9, ST-10

Prince George's County Planning Department, M-NCPPC
Environmental Planning Section
TREE CONSERVATION PLAN APPROVAL
TCPII-008-2020

	Approved by	Date	DRD#	Reason for Revision
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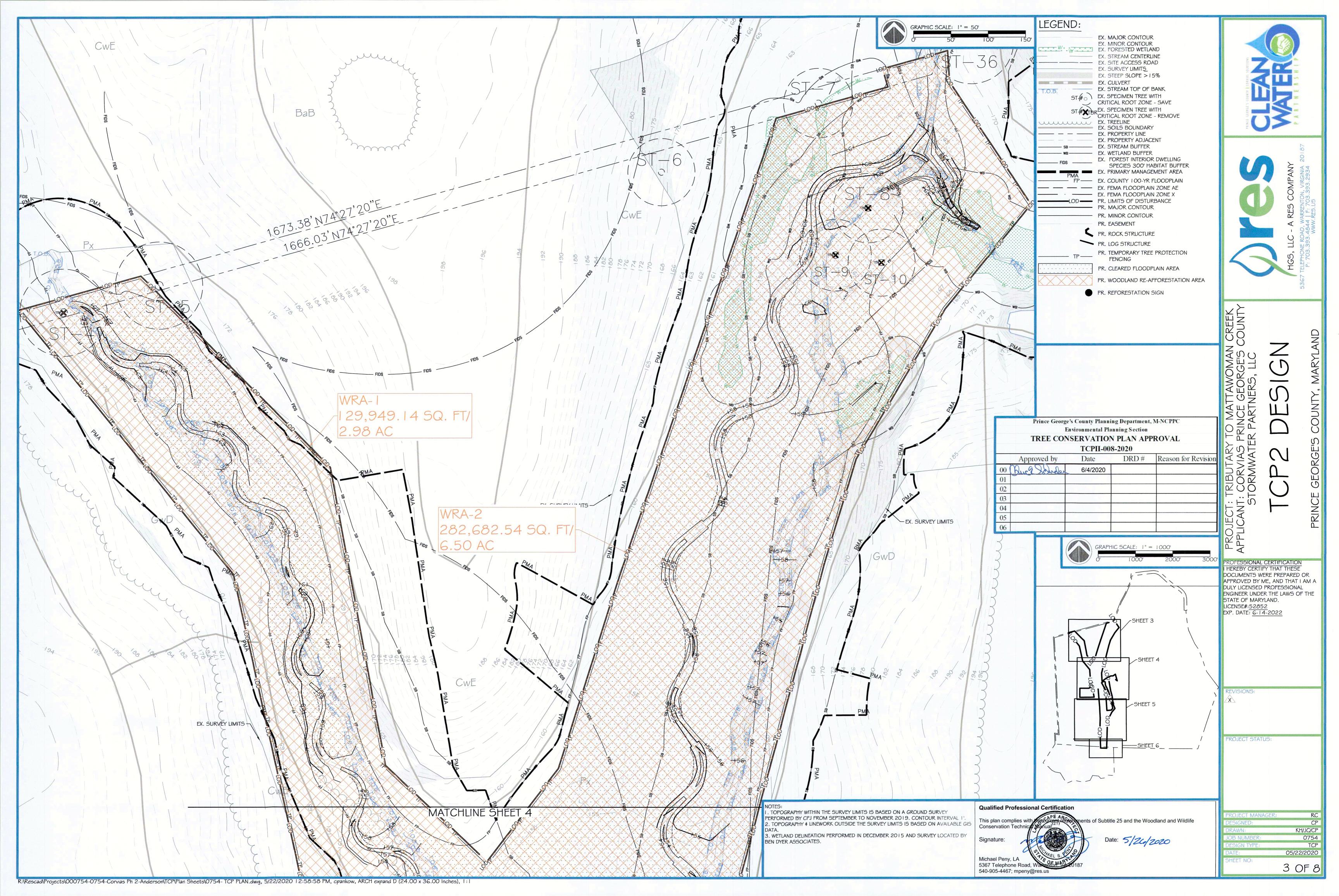
CP2 NOTES, LLC

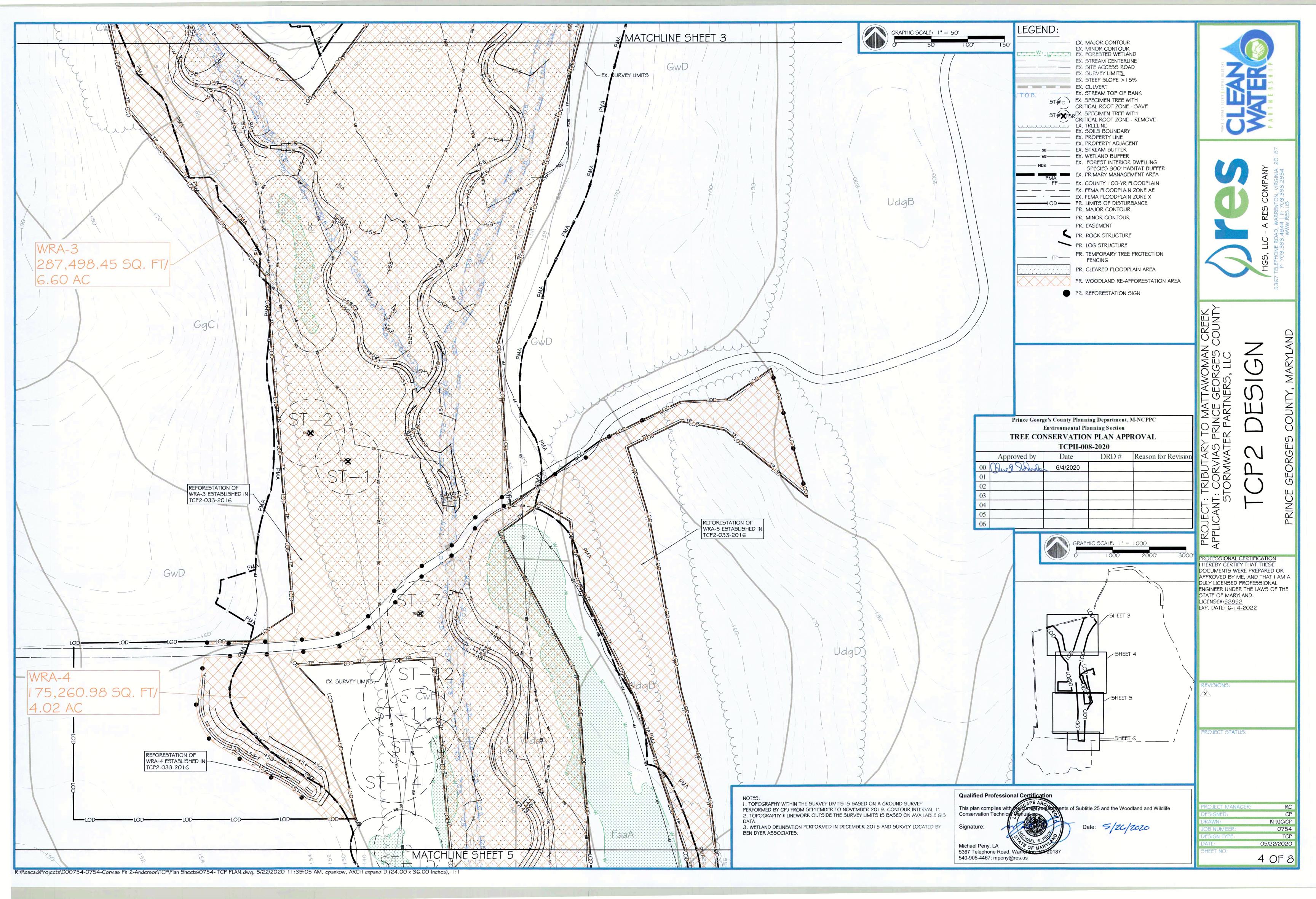
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A
DULY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE
STATE OF MARYLAND.
LICENSE#:52852
EXP. DATE: 6-14-2022

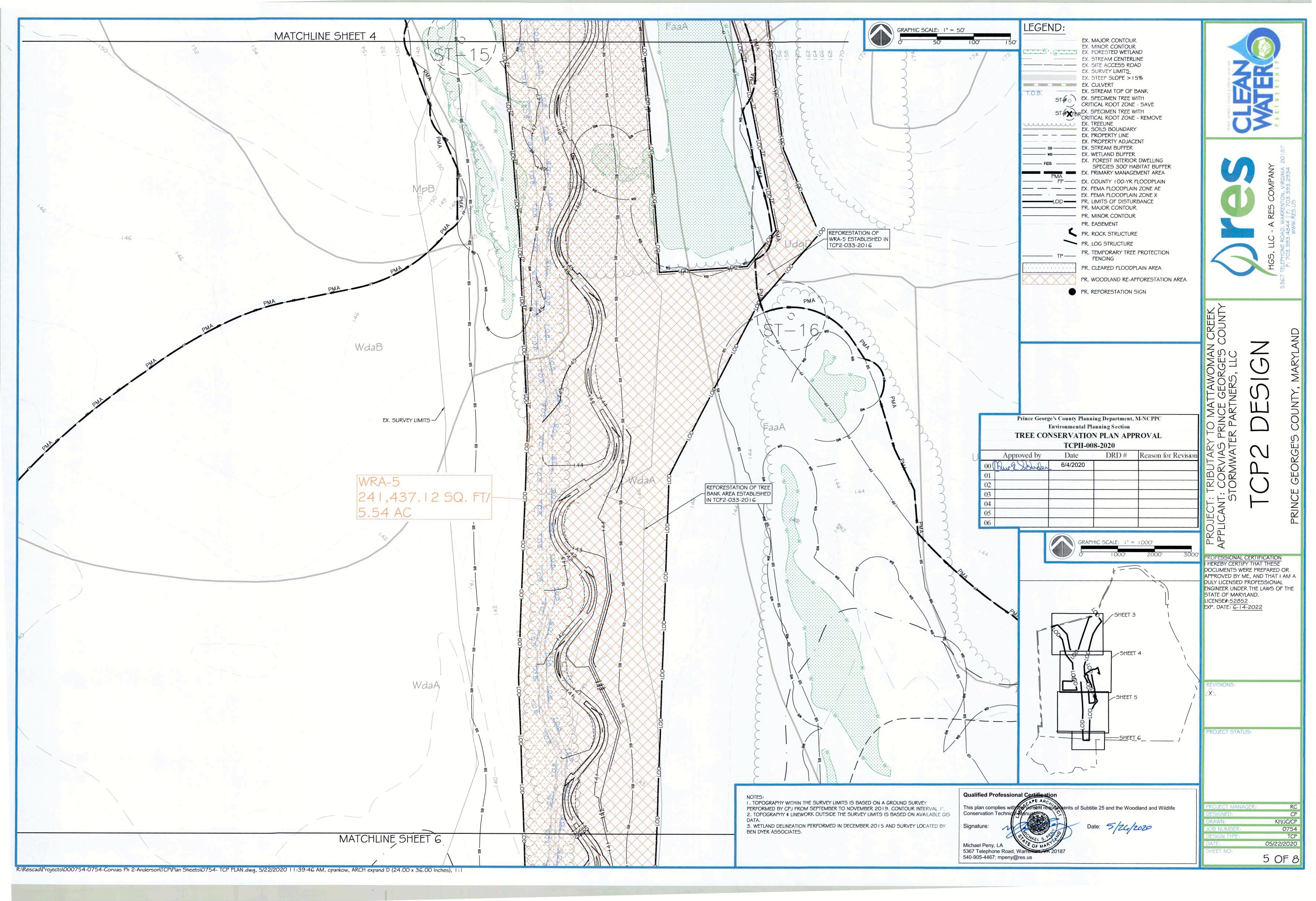
REVISION:

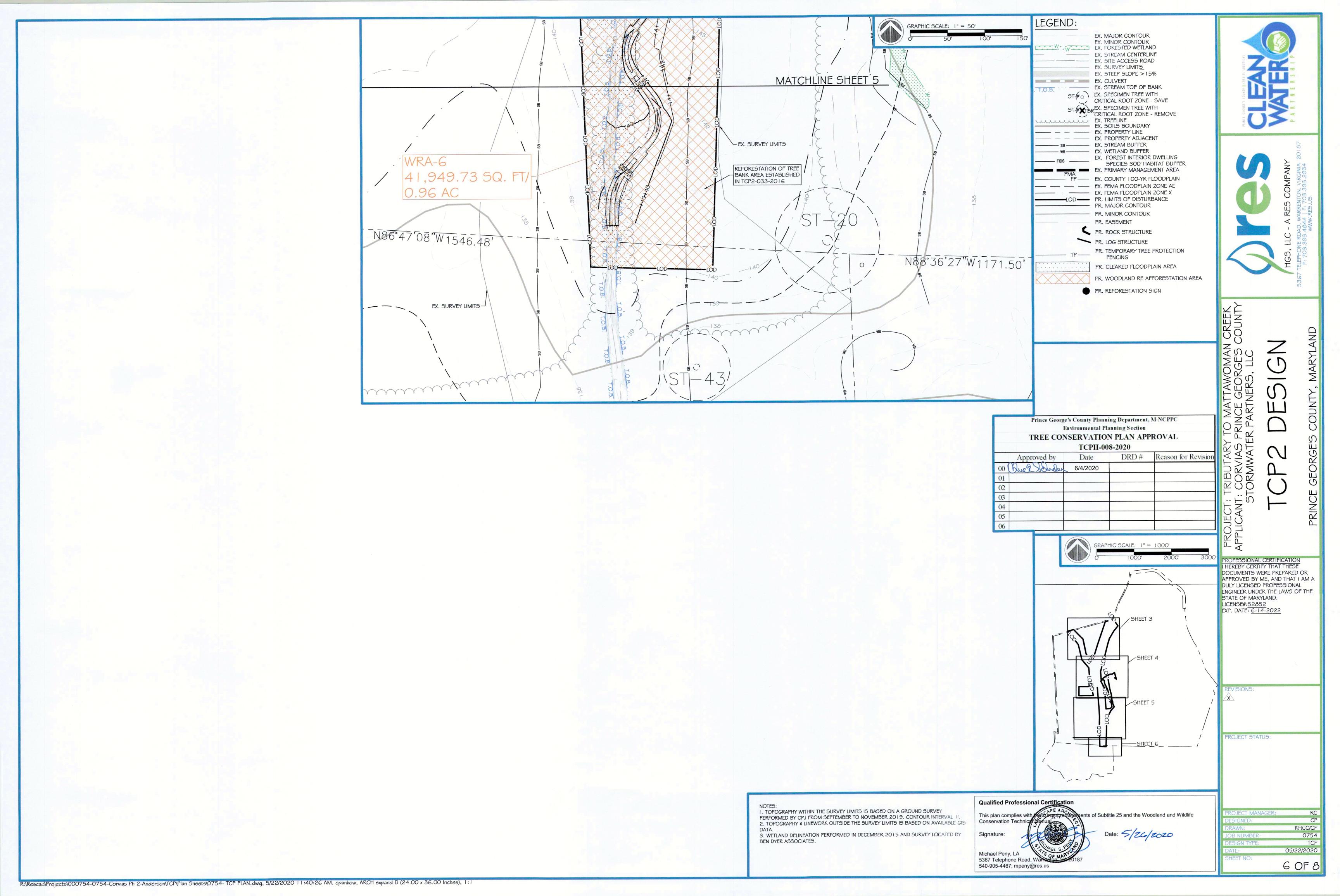
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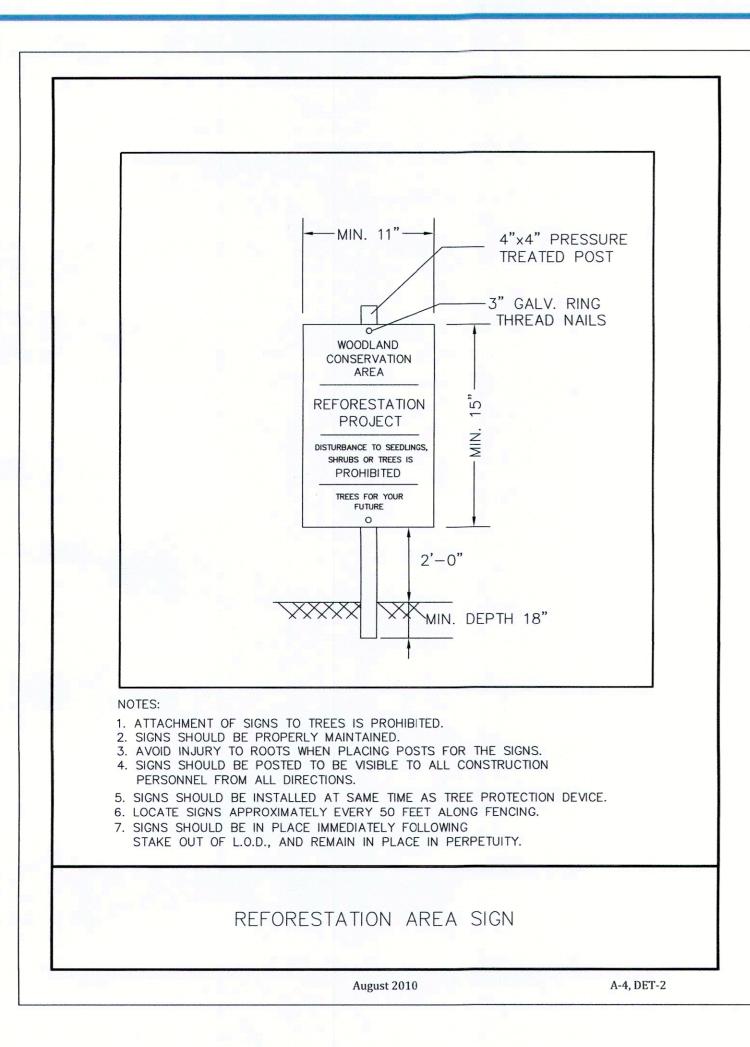
PROJECT MANAGER: RC
DESIGNED: CP
DRAWN: KH/JC/CP
JOB NUMBER: 0754
DESIGN TYPE: TCP
DATE: 05/22/2020
SHEET NO:

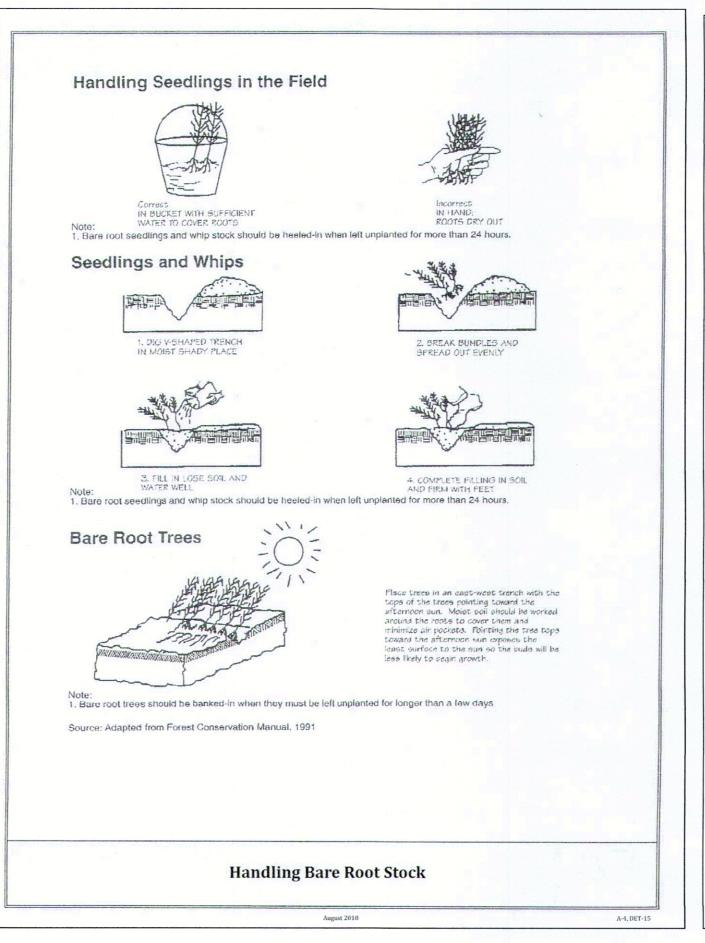


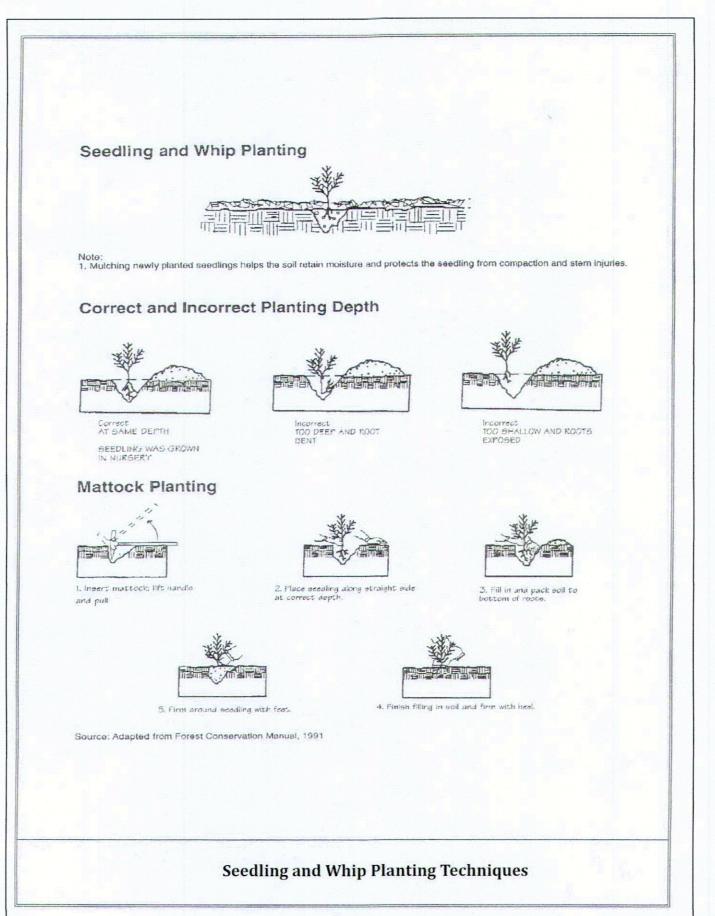


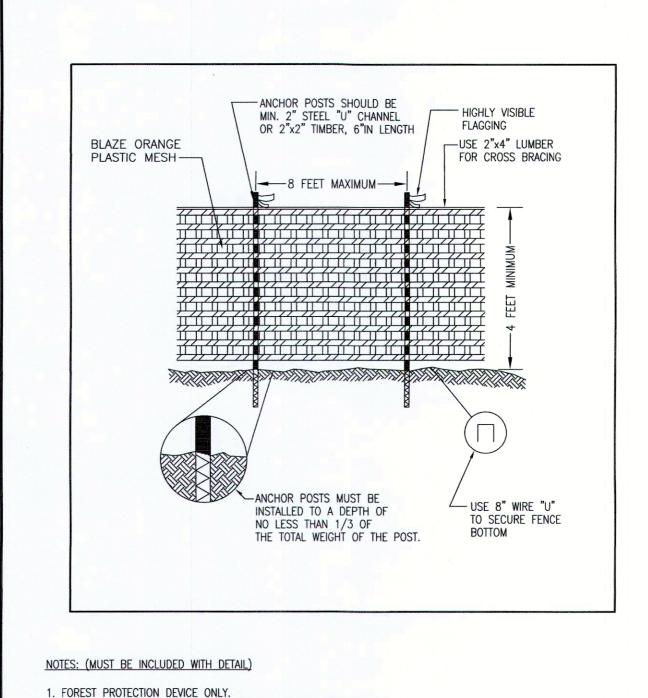












2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.

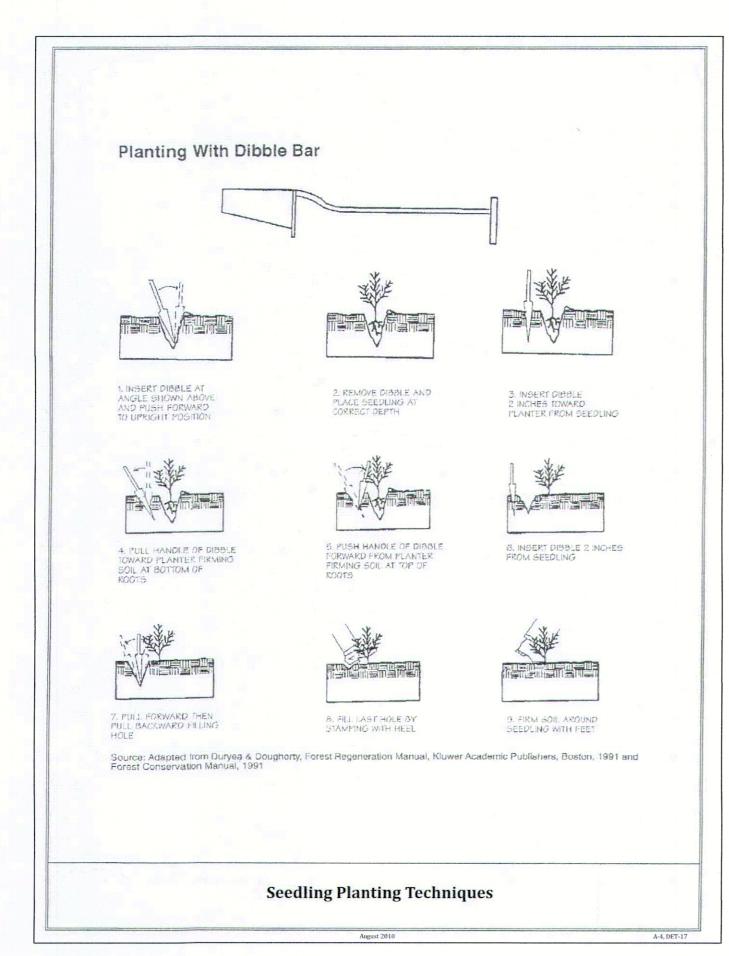
3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES. 4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.

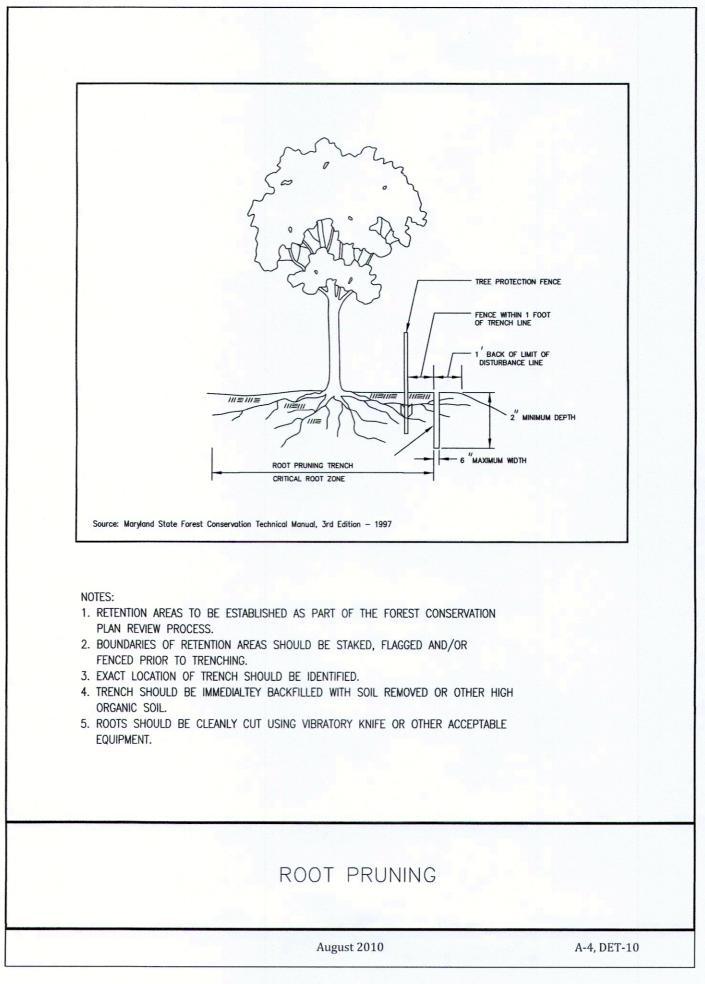
5. DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION 6. PROTECTIVE SIGNAGE IS ALSO REQUIRED.

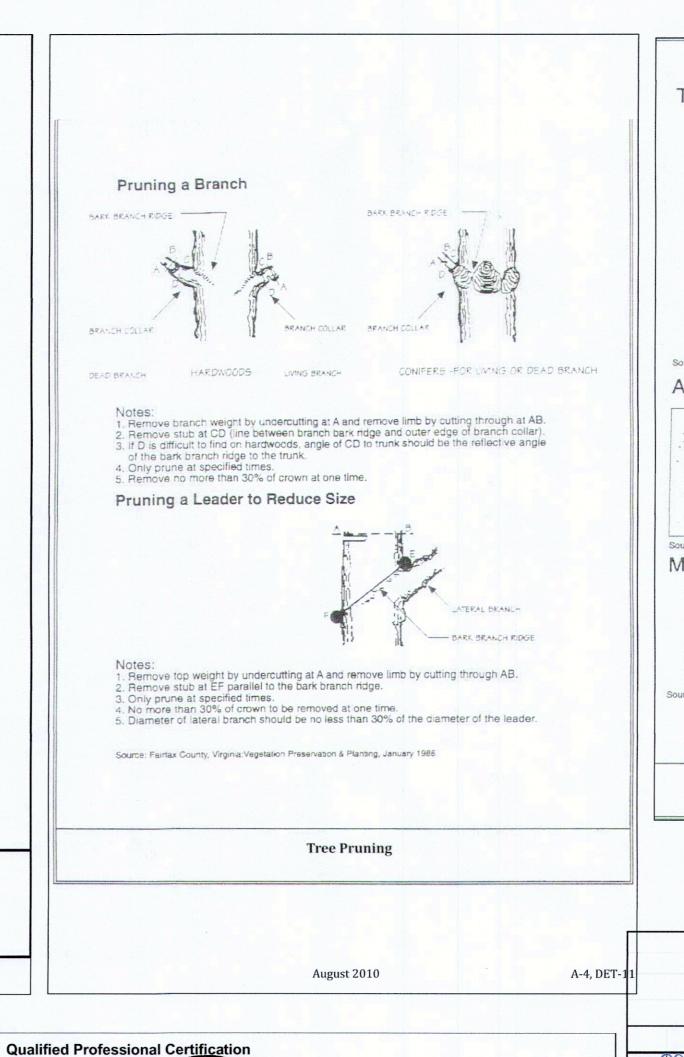
TYPE 1 (TEMPORARY) TREE PROTECTION FENCE DETAIL FOR WOODLAND PRESERVATION AREAS

August 2010

A-4, DET-4







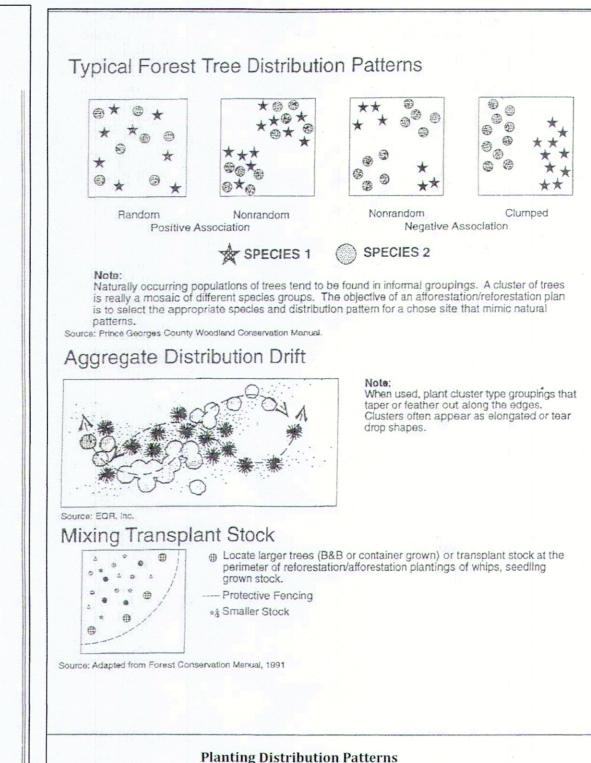
ents of Subtitle 25 and the Woodland and Wildlife

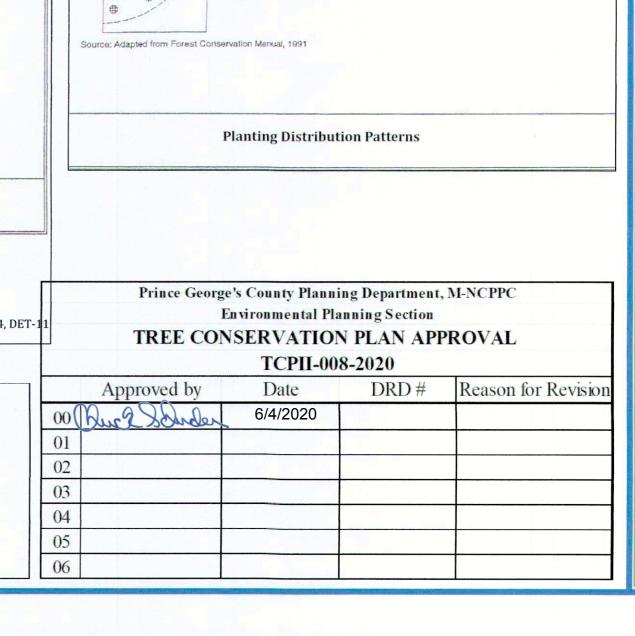
This plan complies with Conservation Technica May

Signature:

Michael Peny, LA 5367 Telephone Road, V

540-905-4467; mpeny@res.us









PROFESSIONAL CERTIFICATION 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#:52852 EXP. DATE: 6-14-2022

EVISIONS:

PROJECT STATUS:

OB NUMBER: ESIGN TYPE

SHEET NO:

KH/JC/CP

05/22/2020

7 OF 8

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Approved by	Date	DKD#	Reason for Revision
Bur 2 Souder	6/4/2020		

		<b>一大大学 医光光型 医一种性的</b>						
PLANTING SCHEDULE-WOODLAND RE-AFFORESTATION AREA								
RE-AFFORESTATION AREA IDENTIFIER	ACREAGE	SQUARE FOOTAGE	SIZE	NUMBER RECQUIRED PER ACRE	PLANTING CREDITS			
WRA-1	2.98	129,949.14	BARE ROOT SEEDLINGS OR WHIPS	800	2384			
WRA-2	6.50	282,682.54	BARE ROOT SEEDLINGS OR WHIPS	800	5200			
WRA-3	6.60	287,498.45	BARE ROOT SEEDLINGS OR WHIPS	800	5280			
WRA-4	4.02	175,260.98	BARE ROOT SEEDLINGS OR WHIPS	800	3216			
WRA-5	5.54	241,437.12	BARE ROOT SEEDLINGS OR WHIPS	800	4432			
WRA-G	0.96	41,949.73	BARE ROOT SEEDLINGS OR WHIPS	800	768			
TOTAL RE-AFFORESTATION AREA:	26.60	1,159,186.91		TOTAL SITE PLANTING CREDITS:	21280			

### PLANTING MATERIAL-WOODLAND RE-AFFORESTATION AREAS

	FLOODF	PLAIN PLA	NTING	2		
ACRES	8.76					
PLANTS PER ACRE	800					
TOTAL PLANTS	7,000					
SCIENTIFIC NAME	COMMON NAME	INDICATOR STATUS	SIZE	STOCK	%	QUANTIT
	C	ANOPY (75%)				
Acer negundo	Boxelder	FAC	8-12"	Bareroot	10%	700
Acer rubrum	Red maple	FAC	8-12"	Bareroot	4%	275
Acer saccharınıum	Silver maple	FAC	8-12"	Bareroot	6%	425
Betula nigra	River birch	FACW	8-12"	Bareroot	6%	425
Platanus occidentalis	Sycamore	FACW	8-12"	Bareroot	12%	850
Liquidambar styraciflua	Sweetgum	FAC	8-12"	Bareroot	10%	700
Populus deltoides	Eastern cottonwood	FAC	8-12"	Bareroot	15%	1,050
Quercus michauxii	Swamp chestnut oak	FACW	8-12"	Bareroot	4%	275
Quercus palustris	Pin Oak	FACW	8-12"	Bareroot	4%	275
Quercus phellos	Willow oak	FACW	8-12"	Bareroot	4%	275
	UNDERS	TORY/SHRUB	(25%)			
Alnus serrulata	Hazel alder	FACW	8-12"	Bareroot	3%	200
Cornus amomum	Silky dogwood	FACW	8-12"	Bareroot	5%	350
Cephalanthus ocidentalis	Buttonbush	OBL	8-12"	Bareroot	3%	200
Lindera benzoin	Spicebush	FACW	8-12"	Bareroot	5%	350
Magnolia virginiana	Sweetbay magnolia	FACW	8-12"	Bareroot	3%	200
Salix nigra	Black willow	OBL	8-12"	Bareroot	3%	200
Viburnum dentatum	Southern arrowwood	FACW	8-12"	Bareroot	3%	200
					100%	7,000

	UPLA	ND PLANT	ING			
ACRES	15.75					
PLANTS PER ACRE	800					
TOTAL PLANTS	12,600					
SCIENTIFIC NAME	COMMON NAME	INDICATOR STATUS	SIZE	STOCK	%	QUANTITY
	(	CANOPY (70%)				
Acer negundo	Boxelder	FAC	8-12"	Bareroot	4%	500
Acer rubrum	Red maple	FAC	8-12"	Bareroot	4%	500
Acer saccharınıum	Silver maple	FAC	8-12"	Bareroot	4%	500
Fagus grandıfolia	American beech	FACU	8-12"	Bareroot	10%	1,250
Liriodendron tulipifera	Tuliptree	FACU	8-12"	Bareroot	5%	625
Juniperus virginiana	Eastern redcedar	FACU	8-12"	Bareroot	5%	625
Liquidambar styraciflua	Sweetgum	FAC	8-12"	Bareroot	10%	1,250
Platanus occidentalis	Sycamore	FACW	8-12"	Bareroot	10%	1,250
Populus deltoides	Eastern cottonwood	FAC	8-12"	Bareroot	10%	1,250
Quercus alba	White oak	FACU	8-12"	Bareroot	5%	625
Robinia pseudoacacia	Black locust	FACU	8-12"	Bareroot	12%	1,500
	UNDERS	STORY/SHRUB (	(30%)			
Cercis canadensis	Eastern redbud	UPL	8-12"	Bareroot	5%	625
Carpinus caroliniana	Ironwood	FAC	8-12"	Bareroot	5%	625
Prunus angustifolia	Chickasaw plum	FACU	8-12"	Bareroot	5%	625
Prunus serotina	Black cherry	FACU	8-12"	Bareroot	5%	625
Magnolia virginiana	Sweetbay magnolia	FACW	8-12"	Bareroot	5%	625
Symphorocarpos orbiculatu	Coralberry	FACU	8-12"	Bareroot	5%	625
					100%	12,600

FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTION AREAS FIELD CHECK THE RE-AFFORESTATION AREA ACCORDING TO THE FOLLOWING SCHEDULE:

YEAR 1: SITE PREPARATION AND TREE PLANTING

SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER-NOVEMBER) SEE NOTE 1) WATERING IS NEEDED (2 X MONTH)

CONTROL OF UNDESIRABLE VEGETATION AS NEEDED (1 X IN JUNE AND 1 X IN SEPTEMBER

YEAR 2-3: REINFORCEMENT PLANTING IS NEEDED (SEE NOTE 2)

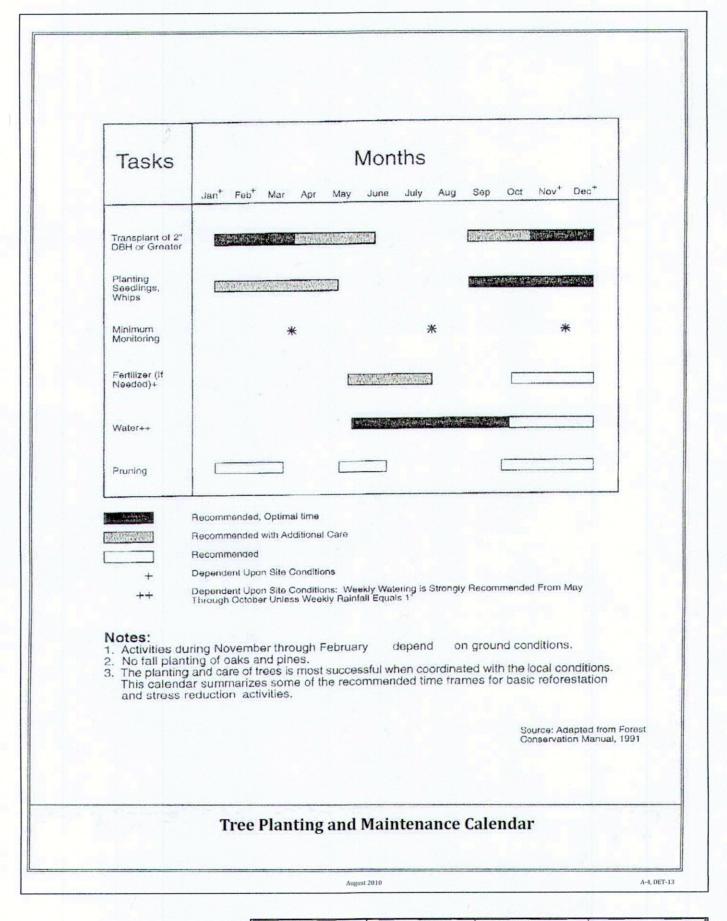
SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER-NOVEMBER) CONTROL OF UNDESIRABLE VEGETATION IF NEEDED (1 X IN MAY AND 1 X IN AUGUST MIN.)

REINFORCEMENT PLANTING IF NEEDED. (SEE NOTE 2) SURVIVAL CHECK (SEPTEMBER -NOVEMBER) SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT LIST (OR AS- BUILT) BY WALKING

THE SITE AND TAKING INVENTORY. PLANTS MUST SHOW VITALITY. SUBMIT FIELD DATA FORMS (CONDITION CHECK SHEETS) TO OWNER AFTER EACH INSPECTION. REMOVE ALL DEAD PLANTS. 2. REINFORCEMENT PLANTING: REPLACE DEAD OR MISSING PLANTS IN SUFFICIENT QUANTITY TO

BRING THE TOTAL NUMBER OF LIVE PLANTS TO AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED. IF A PARTICULAR SPECIES SUFFERS UNUSUALLY HIGH MORTALITY, REPLACE WITH AN ALTERNATIVE PLANT TYPE.

3. MISCELLANEOUS: FERTILIZATION OR WATERING DURING YEARS | THROUGH 3 WILL BE DONE ON AN AS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATIONS WILL BE CONDUCTED ON AN AS NEEDED BASIS.



Size	Number Required per Acre	Approximate Spacing feet on center	Survivability Requirement At the end of the second growing season	
Bare Root Seedlings or Whips	700	8 x 8	75%	525
Container Grown Seedling Tubes (Minimum Cavity Width 1.5")	500	10 x 10	75%	375
Container Grown 1, 2, 3 Gallon	400	12 x 12	75%	300
Container Grown 5, 7 Gallon or 1" Caliper B & B	300	15 x 15	85%	255
Container Grown 15, 25 Gallon or 1.5 - 2" Caliper B & B	150	20 x 20	100%	150
definition of fores 2. In certain circums seeding, tree she	st from bare land. stances, any combinatio lters, transplants, and/o rements of an approved	s are the minimum number on of the above mentioned s r natural regeneration may TCP. They will be evaluat	stocking option be appropriate	ns, dry e strategies

Site Stocking

PLANTING SPECIFICATION NOTES

QUANTITY: (SEE PLANTING SCHEDULE)

2. TYPE: (SEE PLANTING SCHEDULE, PLANTING MATERIAL TABLES AND PLANTING PLAN FOR DETAILED PLANTING LISTS)

3. PLANT QUALITY STANDARDS: THE PLANTS SELECTED SHALL BE HEALTHY AND STURDY REPRESENTATIVES OF THEIR SPECIES. SEEDLINGS SHALL HAVE A MINIMUM TOP GROWTH OF 18". THE DIAMETER OF THE ROOT COLLAR (THE PART OF THE ROOT JUST BELOW GROUND LEVEL) SHALL BE AT LEAST 3/8". THE ROOTS SHALL BE WELL DEVELOPED AND AT LEAST 8" LONG, NO MORE THAN TWENTY -FIVE PERCENT (25%) OF THE ROOT SYSTEM (BOTH PRIMARY AND AUXILIARY/FIBROUS ROOTS SHALL BE PRESENT. PLANTS THAT DO NOT HAVE AN ABUNDANCE OF WELL DEVELOPED TERMINAL BUDS ON THE LEADERS AND BRANCHES SHALL BE REJECTED. PLANTS SHALL BE SHIPPED BY THE NURSERY IMMEDIATELY AFTER LIFTING FROM THE FIELD OR REMOVAL FROM THE GREEN HOUSE, AND PLANTED IMMEDIATELY UPON RECEIPT BY THE LANDSCAPE CONTRACTOR. IF THE PLANTS CANNOT BE PLANTED IMMEDIATELY AFTER DELIVERY TO THE REFORESTATION SITE, THEY SHALL BE STORED IN THE SHADE WITH THEIR ROOT MASSES PROTECTED FROM DIRECT EXPOSURE TO SUN AND WIND BY THE USE OF STRAW. PEAT MOSS, COMPOST, OR OTHER SUITABLE MATERIAL AND SHALL BE MAINTAINED THROUGH PERIODIC WATERING, UNTIL THE TIME OF PLANTING.

4. PLANT HANDLING: THE QUANTITY OF SEEDLINGS TAKEN TO THE FIELD SHALL NOT EXCEED THE QUANTITY THAT CAN BE PLANTED IN A DAY. SEEDLINGS, ONCE REMOVED FROM THE NURSERY OR TEMPORARY STORAGE AREA SHALL BE PLANTED IMMEDIATELY.

5. TIMING OF PLANTING: THE BEST TIME TO PLANT SEEDLINGS IS WHILE THEY ARE DORMANT, PRIOR TO SPRING BUDDING. THE MOST SUITABLE MONTHS FOR PLANTING ARE MARCH AND APRIL, WHEN THE SOIL IS MOIST, BUT MAY BE PLANTED FROM MARCH THROUGH NOVEMBER. NO PLANTING SHALL BE DONE WHILE GROUND IS FROZEN. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE ISSUANCE OF GRADING /BUILDING PERMITS AND/OR REACHING THE FINAL GRADES AND STABILIZATION OF PLANTING AREAS.

6. SEEDLING PLANTING: TREE SEEDLINGS SHALL BE HAND PLANTED USING A DIBBLE BAR OR SHARP-SHOOTER SHOVEL. IT IS IMPORTANT THAT THE SEEDLING BE PLACED IN THE HOLE SO THAT THE ROOTS CAN SPREAD OUT NATURALLY; THEY SHOULD NOT BE TWISTED, BALLED UP OR BENT. MOIST SOIL SHOULD THEN BE PACKED FIRMLY AROUND THE ROOTS. SEEDLINGS SHOULD BE PLANTED AT A DEPTH WHERE THEIR ROOTS LIE JUST BELOW THE GROUND SURFACE. AIR POCKETS SHOULD NOT BE LEFT AFTER CLOSING THE HOLE WHICH WOULD ALLOW THE ROOTS TO DRY OUT. SEE PLANTING DETAILS FOR FURTHER EXPLANATION. IF THE CONTRACTOR WISHES TO PLANT BY ANOTHER METHOD, THE PREPARER OF THIS TREE CONSERVATION PLAN MUST BE CONTACTED AND GIVE HIS APPROVAL BEFORE PLANTING MAY BEGIN.

7. SPACING: SEE PLANT SCHEDULE AND/OR PLANTING PLAN FOR SPACING REQUIREMENTS. ALSO REFER TO THE PLANTING LAYOUT DETAIL FOR A DESCRIPTION OF THE GENERAL PLANTING THEORY.

8. SOIL: UPON THE COMPLETION OF ALL GRADING OPERATIONS, A SOIL TEST SHALL BE CONDUCTED TO DETERMINE WHAT SOIL PREPARATION AND SOIL AMENDMENTS, IF ANY, ARE NECESSARY TO CREATE GOOD TREE GROWING CONDITIONS. SOIL SAMPLES SHALL BE TAKEN AT A RATE THAT PROVIDES ONE SOIL SAMPLE FOR EACH AREA THAT APPEARS TO HAVE A DIFFERENT SOIL TYPE (IF THE ENTIRE AREA APPEARS UNIFORM, THEN ONLY ONE SAMPLE IS NECESSARY), AND SUBMITTED FOR TESTING TO A PRIVATE COMPANY. THE COMPANY OF CHOICE SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE EXISTING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRECTIONS OF SOIL TEXTURE, PH, MAGNESIUM, PHOSPHORUS, POTASSIUM, CALCIUM AND ORGANIC MATTER. SOIL COMPACTION CORRECTIONS WILL BE CONDUCTED AS DEEMED NECESSARY.

9. SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.

10. FENCING AND SIGNAGE: FINAL PROTECTIVE FENCING SHALL BE PLACED ON THE VISIBLE AND/OR DEVELOPMENT SIDE OF PLANTING AREAS. THE FINAL PROTECTIVE FENCE SHALL BE INSTALLED UPON COMPLETION OF PLANTING OPERATIONS UNLESS IT WAS INSTALLED DURING THE INITIAL STAGES OF DEVELOPMENT. SIGNS SHALL BE POSTED PER THE SIGNAGE DETAIL ON THIS SHEET.

I I . PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN. APPLY A MINIMUM DEPTH OF 3" OF TOPSOIL.

12. MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MULCH (AS NOTED) TO EACH PLATING SITE (SEE DETAIL SHOWN ON THIS PLAN).

13. GROUNDCOVER ESTABLISHMENT: ALL DISTURBED AREAS OUTSIDE OF THE STREAM ARE TO BE PERMANENTLY SEEDED UPON THE REMOVAL OF TEMPORARY STABILIZATION PRACTICES. CONSULT THE PLANTING PLAN FOR STANDARDS, SPECIFICATIONS, AND SPECIFIC SEED MIXES.

14. MOWING: NO MOWING SHALL BE ALLOWED IN ANY PLANTING AREA. 15. SURVIVAL CHECK FOR BOND RELEASE: THE SEEDLING PLANTING IS TO BE CHECKED AT THE END OF EACH YEAR FOR FOUR YEARS TO ASSURE THAT NO LESS THAN 75% OF THE ORIGINAL PLANTED QUANTITY SURVIVES. IF THE MINIMUM NUMBER HAS NOT BEEN PROVIDED THE AREA MUST BE SUPPLEMENTED WITH ADDITIONAL SEEDLINGS TO REACH THE REQUIRED NUMBER AT TIME OF PLANTING.

16. SOURCE OF SEEDLINGS: TBD.

17. PLANTING MANAGEMENT PLAN: ALL LONG-TERM MANAGEMENT WILL BE PERFORMED BY THE CLEAN WATER PARTNERSHIP. FOLLOW-UP CARE AND MAINTENANCE (WATERING, FERTILIZATION, WEEDING, SUPPORT PLANTINGS, ETC.) WILL OCCUR AS APPROPRIATE.

18. FERTILIZATION AND WATERING:

STOCK

06

EACH CONTAINER PLANT SHALL BE FERTILIZED WITH 20-10-5 CONTROLLED RELEASE TABLETS. FORMULATIONS VARY CONSIDERABLY BY MANUFACTURER, AND OTHER FORMULATIONS ARE ACCEPTABLE, PROVIDED THE TABLETS ARE NOT WATER-SOLUBLE. THE TABLETS SHALL BE BURIED NEAR THE PLANT'S ROOT SYSTEM. THE PLANT STOCK SHALL BE FERTILIZED AT THE FOLLOWING RATES:

**TABLETS** PLUGS AND QUARTS ONE 5 GRAM TABLET

DURING PLANTING THE CONTRACTOR SHALL WATER EACH PLANT WITH THE FOLLOWING MINIMUM QUANTITIES OF WATER, UNLESS OWNER DETERMINES THERE IS SUFFICIENT SOIL MOISTURE ON SITE:

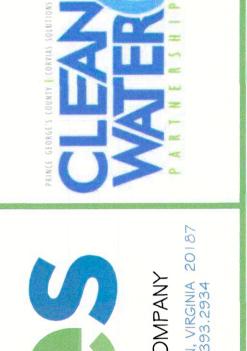
ONE 10 GRAM TABLET

TREES I GALLON OF WATER SHRUBS I GALLON OF WATER **PLUGS** I PINT OF WATER

BAREROOT, TUBELINGS AND SEEDLINGS

TEMPORARY TREE PROTECTION FENCING (TPF) (PER DETAIL): A FENCE BARRIER IS TO BE PLACED AROUND THE TREES AND VEGETATED AREAS WHICH WILL NOT BE DISTURBED TO PROTECT THE TREES AND OTHER VEGETATION FROM CONSTRUCTION EQUIPMENT AND SOIL COMPACTION. THERE ARE SPECIMEN TREES CLOSE TO THE L.O.D. THAT ARE TO NOT BE REMOVED OR DISTURBED AND ARE CALLED OUT ON THE PLANS.





PROFESSIONAL CERTIFICATION 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#:<u>52852</u> EXP. DATE: <u>6-14-</u>2022

ROJECT STATUS:

**Environmental Planning Section** TREE CONSERVATION PLAN APPROVAL TCPII-008-2020 DRD# Reason for Revis Approved by Date 6/4/2020 03 04 05

Prince George's County Planning Department, M-NCPPC

sion		
	PROJECT MANAGER:	
	DESIGNED:	
	DRAWN:	K
	JOB NUMBER:	
	DESIGN TYPE:	
	DATE:	05/2
	SHEET NO:	20

Qualified Professional Certification nts of Subtitle 25 and the Woodland and Wildlife This plan complies wit Conservation Technic Signature: Michael Peny, LA 5367 Telephone Road, Warrenton

540-905-4467; mpeny@res.us