

Standard Woodland Conservation Worksheet for Prince George's County

Zone:	ch zone) C-S-C	R-M	R-R	· · · · · · · · · · · · · · · · · · ·
Gross Tract:	3.32	0.05	1.90	
Floodplain:	0.00	0.00	0.00	
Previously Dedicated Land:	0.00	0.00	0.00	
Net Tract (NTA):	3.32	0.05	1.90	
	and a second sec		0.100.000	
TCP Number	TCP2-043-20	021	Revision #1	
Property Description or Subdi∨ision Name:	Spirit of God	Deliverance Ch	urch	
Is this site subject to the 1989 or 1991 Ordinance	N			
Is this site subject to the 1991 Ordinance	N			
Subject to 2010 Ordinance and in PFA (Priority Funding Area)	Ń			
Is this one (1) single family lot? (Y or N)	N			
Are there prior TCP approvals which include a	N			
combination of this lot/s? (Y or N)				
Is any portion of the property in a WC Bank? (Y or N)	N			
Break-even Point (preservation) =		acres		
Clearing permitted w/o reforestion=	1.95	acres		
SECTION II-Determining Requirements (Enter acres for each	oorroop op die e	column)		
or of the actes for each actes for each	Column A	Column B	Column C	Column D
	WCT/AFT %	Net Tract	Floodplain	Off-Site
		inst indot	(1:1)	Impacts (1:
Existing Woodland	1 1	3.33	0.00	
Woodland Conservation Threshold (WCT) =	16.85%	0.89	0.00	
Smaller of 17 or 18		0.89		
Woodland above WCT		2.44		
Woodland cleared		2.01	0.00	(
Woodland cleared above WCT (smaller of 16 or 17)		2.01		
Clearing above WCT (0.25 : 1) replacement requirement		0.50		
Woodland cleared below WCT		0.00		
Clearing below WCT (2:1 replacement requirement)		0.00		
Afforestation Required Threshold (AFT) =	15.00%	0.00		
Off-site WCA being provided on this property		0.00		
Woodland Conservation Required		1.39	acres	
	107 - No. 100-107 - 107	a reaction at the state of a filling of the		
SECTION III-Meeting the Requirements (Enter acres for each	corresponging			
Woodland Preservation		1.32	D 1	<b>A</b> 4000
Afforestation / Reforestation		2044 C 2010	Bond amount:	\$ 1,306
Natural Regeneration		0.00		
Landscape Credits Specimen/Historic Tree Credit(CRZ area * 2.0)	0.00	0.00		
opeoment instante tree oreant (onz area 2.0)	0.00	0.00		
Forest Enhancement Credit (Area * 25)				
	0.00			
Street Tree Credit (Existing or 10-year canopy coverage)	0.00	0.00	Fee amount	¢.
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu	0.00	0.00 0.00	Fee amount:	\$0
Street Tree Credit (Existing or 10-year canopy co∨erage) Area appro∨ed for fee-in-lieu Off-site Woodland Conser∨ation Credits Required	0.00	0.00 0.00 0.00	Fee amount:	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property	0.00	0.00 0.00	Fee amount:	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property	0.00	0.00 0.00 0.00 0.00	Fee amount: acres	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property	0.00	0.00 0.00 0.00 0.00 0.00	1	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property <b>Woodland Conservation Provided</b>		0.00 0.00 0.00 0.00 0.00	1	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property <b>Woodland Conservation Provided</b> Area of woodland not cleared	1.32	0.00 0.00 0.00 0.00 0.00 <b>1.42</b>	1	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property <b>Woodland Conservation Provided</b> Area of woodland not cleared Net tract woodland retained not part of requirements:	1.32	0.00 0.00 0.00 0.00 0.00 1.42 acres	1	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property Woodland Conservation Provided Area of woodland not cleared Net tract woodland retained not part of requirements: 100-floodplain woodland retained On-site woodland conservation provided	1.32 0.00 0.00	0.00 0.00 0.00 0.00 0.00 1.42 acres acres	1	\$0
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property <b>Woodland Conservation Provided</b> Area of woodland not cleared Net tract woodland retained not part of requirements: 100-floodplain woodland retained On-site woodland conservation provided On-site woodland conservation alternatives provided	1.32 0.00 0.00 1.42 0.00	0.00 0.00 0.00 0.00 0.00 1.42 acres acres acres acres acres	1	\$(
Forest Enhancement Credit (Area * .25) Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property <b>Woodland Conservation Provided</b> Area of woodland not cleared Net tract woodland retained not part of requirements: 100-floodplain woodland retained On-site woodland conservation provided On-site woodland conservation alternatives provided On-site woodland retained not credited	1.32 0.00 0.00 1.42 0.00	0.00 0.00 0.00 0.00 0.00 1.42 acres acres acres	1	\$(
Street Tree Credit (Existing or 10-year canopy coverage) Area approved for fee-in-lieu Off-site Woodland Conservation Credits Required Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property <b>Woodland Conservation Provided</b> Area of woodland not cleared Net tract woodland retained not part of requirements: 100-floodplain woodland retained On-site woodland conservation provided On-site woodland conservation alternatives provided	1.32 0.00 0.00 1.42 0.00	0.00 0.00 0.00 0.00 0.00 1.42 acres acres acres acres acres	1	\$0

### <u>site data</u>

- OWNER: SPIRIT OF GOD DELIVERANCE CHURCH OWNER ADDRESS: P.O. BOX 44804
- FORT WASHINGTON MD 20637
- PROPERTY ADDRESS: 9201 / 9207 WESTPHALIA ROAD UPPER MARLBORO MD 20772
   TOTAL TRACT AREA: 5.27± AC

- <u>parcel a</u>

ZONE: R-R

- TAX ACCOUNT: 0417451
- LIBER: 30646 FOLIO: 00081
   PARCEL AREA: 1.9± AC
- PARCEL 67 • TAX ACCOUNT: 0417224
- LIBER: 21814 FOLIO: 00001 • PARCEL AREA: 0.99± AC
- ZONE: C-S-C

PARCEL 211

• WATERSHED: WESTERN BRANCH, PATUXENT RIVER

WATERSHED #: 021311030919
CLASS OF STREAM: USE I

- TAX ACCOUNT: 1716349 • LIBER: 21814 FOLIO: 00001
- PARCEL AREA: 2.33± AC ZONE: C-S-C

## SPECIMEN TREE INVENTORY

KEY	BOTANICAL NAME COMMON NAME	SIZE (dbh) (inches)	CRZ (radius) (feet)	CONDITION	REMARKS	DISPOSITION
T-1	LIRIODENDRON TULIPIFERA TULIP POPLAR	43	64.5	FAIR	REDUCED CANOPY BY DIEBACK	SAVED
T-2	LIRIODENDRON TULIPIFERA TULIP POPLAR	33.5	50.25	GOOD		SAVED
T-3	LIRIODENDRON TULIPIFERA TULIP POPLAR	45	67.5	POOR	POISON IVY COVERED TRUNK CODOMINANT TRUNKS @ 15' TRUNK SPLIT AT CROTCH	SAVED
T-4	QUERCUS PALUSTRIS PIN OAK	48	72	GOOD		REMOVE
T-5	QUERCUS STELLATA POST OAK	38	57	POOR	HOLLOW DECAY, LARGE CAVITY POISON IVY COVERED, TIP DIEBACK	REMOVE
T-6	QUERCUS ALBA WHITE OAK	36	54	GOOD	HEAVY POISON IVY & GREENBRIER COVERED, TIP DIEBACK	REMOVE
T-7	QUERCUS ALBA WHITE OAK	33	49.5	GOOD	CODOMINANT TRUNKS @ 10'	REMOVE
T-8	LIRIODENDRON TULIPIFERA TULIP POPLAR	34	51	POOR	BASAL CAVITY DECAY, DEAD BRANCHING	OFFSITE SEE NOTE BELOW

NOTE • THE SPECIMEN TREES LOCATION WERE SURVEY LOCATED.

• THIS PLAN IS IN ACCORDANCE WITH THE FOLLOWING VARIANCE(S) FROM THE STRICT REQUIREMENTS OF SUBTITLE 25 APPROVED BY THE PLANNING BOARD ON (3/11/2021) AS PART OF PPS 4-17022 FOR THE REMOVAL OF THE FOLLOWING SPECIFIED SPECIMEN TREES (SECTION 25-122(B)(1)(G): (TREES #4, 5, 6, & 7).

• SPECIMEN TREE #8 - LOCATED OFFSITE -REMOVAL RECOMMENDED BY ENVIRONMENTAL PLANNING SECTION - DUE TO TREE'S CONDITION. TREE IS TO BE REMOVED WITH PERMISSION OF THE ADJACENT PROPERTY OWNER.

<u>outparcel 91</u>

• P.B. ME 251 P.65

PARCEL AREA: 0.05± AC
ZONE: R-M

WOODLAND CONSERVATION SUMMARY TABLE

SHEET	GROSS TRACT AREA	100-YEAR FLOODPLAIN (FP)	NET TRACT AREA (NTA)	EX. WOODLAND (NTA)		CLEARED	WOODLAND CLEARED FLOODPLAIN (C-FP)	CLEARED		WOODLAND REFORESTATION AREA (WRA)	WOODLAND RETAINED / NOT CREDITED (WR-NC)	RETAINED/
#1 TOTAL	5.27	0	5.27	3.33	0	2.01	0	0	1.32	0.10	0	0

<u>plan prepared by</u>

HUMAN & ROHDE, INC. Landscape Architects 512 Virginia Ave. Towson, Maryland 21286 (410) 825-3885 Phone (410) 825-3887 Fax



I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland.

License No.: <u>3693</u> Expiration Date: <u>0</u>9-16-2026

	QUALIFIED PROFESSIONAL CERTIFICATION THIS TCP2 COMPLIES WITH THE CURRENT REQUIREMENTS OF SUE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL
	SIGNED:DATE:
•	DEVIN LEARY - HUMAN & ROHDE, INC. 512 VIRGINIA AVENUE TOWSON, MD 21286 410.825.3885 DEVIN@HUMANANDROHDE.COM

	Original Approval	Revision Number (-01)	Revision Number (-02)	Cumulative Change
Net Tract (Acres)	5.27			
Existing Woodland (Acres)	3.33			
Woodland Cleared (Acres)	2.01			
Woodland Retained On-Site (Acres)	1.32			
Woodland Planted On-Site (Acres)	0.10			
On-Site Woodland Easement/ Preservation and Planting (Acres)	1.42			
On-Site Wooded Floodplain in Easement (Acres)	0			
Bond Amount	\$1,306.80			
Fee-In-Lieu Amount	0			
50' Stream Buffers Conserved (Preservation) - Linear Length	75'			
50' Stream Buffers Conserved (Preservation) - Acreage	0			
50' Stream Buffers Newly Established (Afforestation) - Linear Length	0			
50' Stream Buffers Newly Established (Afforestation) - Acreage	0			
Off-Site Woodland Conservation Credits Required (Acres)	0			
Off-Site Woodland Conservation Credits Provided (Acres)	0			

NOTE

WOODLANDS PRESERVED, PLANTED, OR REGENERATED IN FULFILLMENT OF WOODLAND CONSERVATION REQUIREMENTS ON-SITE HAVE BEEN PLACE IN A WOODLAND AND WILDLIFE HABITAT CONSERVATION EASEMENT RECORDED IN THE PRINCE GEORGE'S COUNTY LAND RECORDS AT LIBER 50358 FOLIO 058. REVISIONS TO THIS TCP2 MAY REQUIRE A REVISION TO THE RECORDED EASEMENT.

I/WE Annette	NERS AWARENESS	ACKNOWLEDGE THAT WE ARE AWAR
		ND THAT WE UNDERSTAND THE
		NO THAT WE ON DERSTAND THE
REQUIREMENTS AS SET	FORTH IN THIS ICP2.	0/20/21
In netty	1 Maple	1/2//21
OWNER OR OWNERS R	EPRESÉNTATIVE	DATE
I/WE	HEREBY	ACKNOWLEDGE THAT WE ARE AWAF
	INSERVATION PLAN (TCP2) A	ND THAT WE UNDERSTAND THE
REQUIREMENTS AS SET		
CONTRACT PURCHASEF		DATE

#### GENERAL INFORMATION TABLE

LAYER CATEGORY	LAYER NAME	VALUE						
ZONE	ZONING (ZONE)	C-S-C,R-R,R-M						
ZONE	AVIATION POLICY AREA (APA)	na						
ADMINISTRATIVE	TAX GRID (TMG)	82-D4						
ADMINISTRATIVE	WSSC GRID (SHEET 20)	205SE08						
ADMINISTRATIVE	PLANNING AREA (PLAN AREA)	6						
ADMINISTRATIVE	ELECTION DISTRICT (ED)	15						
ADMINISTRATIVE	COUNCILMANIC DISTRICT (CD)	6						
ADMINISTRATIVE	GENERAL PLAN 2002 TIER (TIER)	DEVELOPING						
ADMINISTRATIVE	TRAFFIC ANALYSIS ZONE (COG) (TAZ-COG)	1252						
ADMINISTRATIVE	PG TRAFFIC ANALYSIS ZONE (TAZ-PG)	4982						

# TYPE 2 TREE CONSERVATION (TCP2) PLAN APPROVAL BLOCK

	PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT, M-N ENVIRONMENTAL PLANNING SECTION	NCPPC L
JBTITLE 25 AND THE AL	TYPE 2 TREE CONSERVATION PLAN APPROV. TCP2-043-2021	CHECK: DML PROJ#: 002692
	Approved By Date DRD # Reason for Rev	vision DATE: <u>12/18/2</u> 4 SCALE: AS SHOWN
2/ 8/2024	00 Alexander Kirchhof 1/31/2025 DSP-21012	
	01	SHEET
	02	
	03	
	04	SHEET: 2 OF 4

	REVISION	DESCRIPTION						
		. DATE						
	SUBMISSION	DATE NO.						
	SUB	N0.						
		ENGINEER	ATCS, PLC	VICTORIA BALLESTERO	(518) 312-1017			
		CLIENT	SPIRIT OF GOD	DELIVERANCE CHURCH				
		1 0500 MEDICAL CENTER DERVE SUITE 370		M 7 843-1262 (301) 870-4530 FAX (301) 843-1262	HERNDON – BALTIMORE – BLACKSBURG	RICHMOND - WASHINGTON, DC	WWW.ATCSPLC.COM	
	DETAILED SITE PLAN	TYPE 2 - TREE CONSERVATION PLAN	2		DELIVENUCE CHUNCH	PARCEL: A,67,211 & OUTPARCEL 91	FOCATION:	
-		CH PR	ECI OJ#	0R: K: #: E:	0 1 AS	026	92	N
-	9	HEE	T:	SH1 2		OF	4	
	4							

#### TYPE 2 TREE CONSERVATION PLAN GENERAL NOTES

- 1. THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR DSP-21012. IF THIS DSP-21012 EXPIRES, THEN THIS TCP2 ALSO EXPIRES AND IS NO LONGER VALID. 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
- PER SQUARE FOOT MITIGATION FEE. 3. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION OR THE DEPARTMENT OF ENVIRONMENT RESOURCES, AS APPROPRIATE, 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 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 THE DEVELOPED TIER AND IS ZONED C-S-C, R-R AND R-M .
- 7. THE SITE IS NOT ADJACENT TO A ROADWAY DESIGNATED AS SCENIC, HISTORIC, A PARKWAY OR A SCENIC BYWAY.
- 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 25-117 (G).

#### TREE PRESERVATION AND RETENTION NOTES

- 10. ALL WOODLANDS DESIGNATED ON THIS PLAN FOR PRESERVATION ARE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE WOODLAND AREAS SHALL REMAIN IN A NATURAL STATE. THIS INCLUDES CANOPY TREES AND UNDERSTORY VEGETATION. A REVISED TREE CONSERVATION PLAN IS REQUIRED PRIOR TO CLEARING WOODLAND AREAS THAT ARE NOT SPECIFICALLY IDENTIFIED TO BE CLEARE APPROVED TCP2
- 11. TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN.
- 12. THE LOCATION OF ALL TEMPORARY TREE PROTECTION FENCING (TPFS) SHOWN ON THIS PLAN SHALL BE FLAGGED OR STAKED IN THE FIELD PRIOR TO THE PRE-CONSTRUCTION MEETING. UPON APPR THE LOCATIONS BY THE COUNTY INSPECTOR, INSTALLATION OF THE TPFS MAY BEGIN.
- 13. ALL TEMPORARY TREE PROTECTION FENCING REQUIRED BY THIS PLAN SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL BOND IS RELEASED FOR THE PROJECT. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE DEVICES IS A VIOLATION OF THIS TCP2.
- 14. WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TPF INSTALLATION. THESE SIGNS MUST REMAIN IN PERPETU

REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS

- 15. THE DEVELOPER AND/OR BUILDER IS RESPONSIBLE FOR THE COMPLETE PRESERVATION OF ALL FORESTED AREAS SHOWN ON THE APPROVED PLAN TO REMAIN UNDISTURBED. ONLY TREES OR PARTS DESIGNATED BY THE COUNTY AS DEAD, DYING, OR HAZARDOUS MAY BE REMOVED.
- 16. A TREE IS CONSIDERED HAZARDOUS IF A CONDITION IS PRESENT WHICH LEADS A CERTIFIED ARBORIST OR LICENSED TREE EXPERT TO BELIEVE THAT THE TREE OR A PORTION OF THE TREE HAS A POTE FALL AND STRIKE A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.
- 17. DURING THE INITIAL STAGES OF CLEARING AND GRADING, IF HAZARDOUS TREES ARE PRESENT, OR TREES ARE PRESENT THAT ARE NOT HAZARDOUS BUT ARE LEANING INTO THE DISTURBED AREA, T PERMITEE SHALL REMOVE SAID TREES USING A CHAINSAW. CORRECTIVE MEASURES REQUIRING REMOVAL OF THE HAZARDOUS TREE OR PORTIONS THREOF SHALL REQUIRE AUTHORIZATION BY TH INSPECTOR. ONLY AFTER APPROVAL BY THE INSPECTOR MAY THE TREE BE CUT BY CHAINSAW TO NEAR THE EXISTING GROUND LEVEL. THE STUMP SHALL NOT BE REMOVED OR COVERED WITH SOIL OR OTHER MATERIALS THAT WOULD INHIBIT SPROUTING.
- 18. IF A TREE OR TREES BECOME HAZARDOUS PRIOR TO BOND RELEASE FOR THE PROJECT, DUE TO STORM EVENTS OR OTHER SITUATIONS NOT RESULTING FROM AN ACTION BY THE PERMITEE, PRIOR 1 REMOVAL, A CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MUST CERTIFY THAT THE TREE OR THE PORTION OF THE TREE IN QUESTION HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PAI AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING 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 IMMEDIATI 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.

IF CORRECTIVE PRUNING MAY ALLEVIATE A HAZARDOUS CONDITION, THE CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MAY PROCEED WITHOUT FURTHER AUTHORIZATION. THE PRUNING MUS DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE APPROPRIATE ANSI A-300 PRUNING STANDARDS. 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

DEBRIS FROM THE TREE REMOVAL OR PRUNING THAT OCCURS WITHIN 35 FEET OF THE WOODLAND EDGE MAY BE REMOVED AND PROPERLY DISPOSED OF BY RECYCLING, CHIPPING OR OTHER ACCI METHODS. ALL DEBRIS THAT IS MORE THAN 35 FEET FROM THE WOODLAND EDGE SHALL BE CUT UP TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THE SMALL

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 APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

19. WORK ON THIS PROJECT WILL BE INITIATED IN SEVERAL PHASES. ALL TEMPORARY TPF'S REQUIRED FOR A GIVEN PHASE SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE WITHIN THAT PHASE OF WO

#### OFF-SITE WOODLAND CONSERVATION IS PROPOSED

DOCUMENTATION OF THE DAMAGE.

20. PRIOR TO THE ISSUANCE OF THE FIRST PERMIT FOR THE DEVELOPMENT SHOWN ON THIS TCP2, ALL OFF SITE WOODLAND CONSERVATION REQUIRED BY THIS PLAN SHALL BE IDENTIFIED ON AN APPR TCP2 PLAN AND RECORDED AS AN OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGE'S COUNTY. PROOF OF RECORDATION OF THE OFF-SITE CONSERVATION SHALL BE PROVIDED TO TH M-NCPPC, PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.

#### INVASIVE PLANT SPECIES ARE TO BE REMOVED BY THE PERMITTEE

MATERIALS SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.

- 21. INVASIVE PLANT REMOVAL SHALL BE COMPLETED PRIOR TO OCCUPANCY PERMIT APPROVAL AND CONFORM TO THE RECOMMENDATIONS OF THE INVASIVE PLANT REMOVAL PLAN SHOWN ON THE PREPARED BY DEVIN LEARY - HUMAN & ROHDE DATED JULY 21, 2020
- 22. THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVES PLANT SPECIES SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY SUCH AS PRUNERS OR A CHAIN SAW. THESE PLANTS MA' NEAR THE GROUND AND THE MATERIAL LESS THAN TWO INCHES DIAMETER MAY BE REMOVED FROM THE AREA AND DISPOSED OF APPROPRIATELY. ALL MATERIAL FROM THESE NOXIOUS, INVASIVE NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.
- 23. 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 PERM 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 LABEL INSTRUCTIONS AND BE APPLIED BY A CERTIFIED PESTICIDE APPLICATOR.

#### POST DEVELOPMENT

24. 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 O WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR LICENSED TREE EXPERT IDENTIFYING THE HAZARDOUS CONDITION AND THE PROPOSED CORRECTIVE MEASURES PRIOR TO HAVING THE WOR CONDUCTED. AFTER PROPER DOCUMENTATION HAS BEEN COMPLETED PER THE HANDOUT "GUIDANCE FOR PRINCE GEORGE'S COUNTY PROPERTY OWNERS, PRESERVATION OF WOODLAND CONSE 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 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 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 APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

- 25. 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 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 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.
- 26. 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 PERI DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE L INSTRUCTIONS.
- 27. THE USE OF CHAINSAWS IS EXTREMELY DANGEROUS AND SHOULD NOT BE CONDUCTED WITH POORLY MAINTAINED EQUIPMENT, WITHOUT SAFETY EQUIPMENT, OR BY INDIVIDUALS NOT TRAINED OF THIS EQUIPMENT FOR THE PRUNING AND/OR CUTTING OF TREES.

	AFFOREST	TATION AND REFORESTATION NOTES:			REFORE
		FFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FO TY UNTIL ALL REQUIRED ACTIVITIES HAVE BEEN SATISFIED OR THE REC	•		0.10 AC.
A \$9.00		PLANTING OF AFFORESTATION OR REFORESTATION AREAS SHALL BE C			
NTAL	MAIN	ITENANCE SCHEDULE IS PROVIDED.			<b>WRA</b> - 0.04AC
THIS PLAN	CONS THE I	ANTING CANNOT OCCUR DUE TO PLANTING CONDITIONS, THE DEVELO SERVATION PLAN. PLANTING SHALL THEN BE ACCOMPLISHED DURING DEVELOPER OR BUILDER SHALL OBTAIN A SIGNED STATEMENT FROM REFORESTATION WILL OCCUR DURING THE NEXT PLANTING SEASON.	THE NEXT PLANTING SEASON. IF PLANTING IS DELAYED BEY THE PURCHASER INDICATING THAT THEY UNDERSTAND THAT	YOND THE TRANSFER OF THE PROPERTY TITLE TO THE HOMEOWNER, AT THE REFORESTATION AREA IS LOCATED ON THEIR PROPERTY AND	@ 300 TF PER ACRE = 12
		RESTATION AREAS SHALL NOT BE MOWED; HOWEVER, THE MANAGEI TATION WITHIN THE REFORESTATION AREAS IS ACCEPTABLE.	MENT OF COMPETING VEGETATION AROUND INDIVIDUAL T	REES AND REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE	TREES REQUIRE
	FENC	EQUIRED TEMPORARY TREE PROTECTION FENCING SHALL BE INSTALL ING IS INSTALLED WITH THE REQUIRED PLANTING. THE TEMPORARY F SITE. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANEI	ENCING IS NOT REQUIRED TO BE INSTALLED IF THE PERMAN		
		RESTATION / REFORESTATION AREAS SHALL BE POSTED WITH NOTIFIC	CATION SIGNAGE, AS SHOWN ON THE PLANS, AT THE SAME	TIME AS THE PERMANENT PROTECTION FENCING INSTALLATION.	<b>WRA-</b> 0.04AC
S THE D ON THE		E SIGNS SHALL REMAIN IN PERPETUITY. COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION	OR INITIATION OF ANY TREE PLANTING ON THIS SITE.		@ 300 TF
		IE TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORN EMENTATION OF THIS PLAN: CONTRACTOR NAME; BUSINESS NAME (I		EPARTMENT REGARDING THE CONTRACTOR RESPONSIBLE FOR	PER ACRI = 12 TREES
ROVAL OF	RESU	LTS OF ANNUAL SURVIVAL CHECKS FOR EACH OF THE REQUIRED FOUR			REQUIRE
JITY.		RTED TO THE M-NCPPC, PLANNING DEPARTMENT. IRE TO ESTABLISH THE AFFORESTATION OR REFORESTATION WITHIN 1	THE PRESCRIBED TIME FRAME WILL RESULT IN FORFEITURE	OF THE REFORESTATION BOND AND/OR A VIOLATION OF THIS PLAN	
, , , , , , , , , , , , , , , , , , ,		JDING THE ASSOCIATED \$9.00 PER SQUARE FOOT PENALTY UNLESS TH	HE COUNTY INSPECTOR APPROVES A WRITTEN EXTENSION.		<b>WRA-</b> 0.02 AC
5 THEREOF		i SPECIFICATION NOTES: NTITY: (SEE PLANT SCHEDULE)			@ 300 TF
ENTIAL TO		: (SEE PLANT SCHEDULE)			PER ACRE = 6 TREES REQUIRE
HE E COUNTY ., MULCH	THE F	T QUALITY STANDARDS: THE PLANTS SELECTED SHALL BE HEALTHY AN ROOT COLLAR (THE PART OF THE ROOT JUST BELOW GROUND) SHALL HE ROOT SYSTEM (BOTH PRIMARY AND AUXILIARY / FIBROUS ROOTS)	BE AT LEAST 3/8". THE ROOTS SHALL BE WELL DEVELOPED A	S SHALL HAVE A MINIMUM TOP GROWTH OF 18". THE DIAMETER OF AND AT LEAST 8" LONG. NO MORE THAN TWNETY-FIVE PERCENT (25%)	
0	PLA	NTS THAT DO NOT HAVE AN ABUNDANCE OF WELL DEVELOPED TERM	IINAL BUDS ON THE LEADERS AND BRANCHES SHALL BE I	REJECTED.	<b>TCP2 P</b> 0.1AC @
KING AREA, OR		TS SHALL BE SHIPPED BY THE NURSERY IMMEDIATELY AFTER LIFTING RACTOR.	FROM THE FIELD OR REMOVAL FROM THE GREENHOUSE, AI	ND PLANTED IMMEDIATELY UPON RECEIPT BY THE LANDSCAPE	NOTE: • TREE
ELY. THE	STO OF S	HE PLANTS CANNOT BE PLANTED IMMEDIATELY AFTER DELIVERY TO T RED IN THE SHADE WITH THEIR ROOT MASSES PROTECTED FROM DIR STRAW, PEAT MOSS, COMPOST, OR OTHER SUITABLE MATERIAL AND TERING, UNTIL THE TIME OF PLANTING.	RECT EXPOSURE TO SUN AND WIND BY THE USE		<ul> <li>CLUS</li> <li>THE</li> <li>THE</li> <li>OVEF</li> </ul>
ST BE		T HANDLING: THE QUANTITY OF THE SEEDLINGS TAKEN TO THE FIELD PORARY STORAGE AREA SHALL BE PLANTED IMMEDIATELY.	SHALL NOT EXCEED THE QUANTITY THAT CAN BE PLANTED	IN A DAY. SEEDLINGS, ONCE REMOVED FROM THE NURSERY OR	
	IS MC	NG OF PLANTING: THE BEST TIME TO PLANT SEEDLINGS IS WHILE THEY DIST, BUT MAY BE PLANTED FROM MARCH THROUGH NOVEMBER. NO ANCE OF GRADING / BUILDING PERMITS AND/OR REACHING THE FINA	PLANTING SHALL BE DONE WHILE THE GROUND IS FROZEN	UITABLE MONTHS FOR PLANTING ARE MARCH AND APRIL, WHEN SOIL I. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE	
EPTABLE ER	6. SEED	LING PLANTING: TREE SEEDLINGS SHALL BE HAND PLANTED USING A I	DIBBLE BAR OR SHARP-SHOOTER SHOVEL. IT IS IMPORTANT		
THE	WHE FURT	SPREAD OUT NATURALLY; THEY SHOULD NOT BE TWISTED, BALLED UF RE THEIR ROOTS LIE JUST BELOW THE GROUND SURFACE. AIR POCKET HER EXPLANATION. IF THE CONTRACTOR WISHES TO PLANT BY ANOT TING MAY BEGIN.	'S SHOULD NOT BE LEFT AFTER CLOSING THE HOLE WHICH W	VOULD ALLOW THE ROOTS TO DRY OUT. SEE PLANTING DETAILS FOR	
	7. SPAC	ING: SEE PLANT SCHEDULE AND/OR PLANTING PLAN FOR SPACING RE	QUIREMENTS. ALSO REFER TO THE PLANTING LAYOUT DETA	AIL FOR A DESCRIPTION OF THE GENERAL PLANTING THEORY.	
'ORK.	GOOI APPE	UPON THE COMPLETION OF ALL GRADING OPERATIONS, A SOIL TEST D TREE GROWING CONDITIONS. SOIL SAMPLES SHALL BE TAKEN AT A ARS UNIFORM, THEN ONLY ONE SAMPLE IS NECESSARY), AND SUBMI ING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRE	RATE THAT PROVIDES ONE SOIL SAMPLE FOR EACH AREA TH TTED FOR TESTING TO A PRIVATE COMPANY. THE COMPANY	HAT APPEARS TO HAVE A DIFFERENT SOIL TYPE (IF THE ENTIRE AREA Y OF CHOICE SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE	
OVED	9. SOIL	IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACC	ORDING TO THE RECOMMENDATIONS MADE BY THE TESTIN	IG COMPANY.	
IL.		ING AND SIGNAGE: FINAL PROTECTIVE FENCING SHALL BE PLACED ON PLETION OF PLANTING OPERATIONS UNLESS IT WAS INSTALLED DURII	•		
	11. PLAN	TING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS F	PLAN		
NRI PLAN	12. MUL0	CHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED	HARDWOOD MULCH (AS NOTED) TO EACH PLANTING SITE (	SEE DETAIL SHOWN ON THIS PLAN).	
Y BE CUT		JNDCOVER ESTABLISHMENT: THE REMAINING DISTURBED AREA BETW	VEEN SEEDLINGS PLANTING SITES SHALL BE SEEDED AND ST/	ABILIZED WITH WHITE CLOVER SEED AT THE RATE OF 5 LBS/ACRE.	
E, AND			HECKED AT THE END OF EACH YEAR FOR FOUR YEARS TO AS	SURE THAT NO LESS THAN 75% OF THE ORIGINAL PLANTED QUANTITY	
MITTED IF I THE		IVES. IF THE MINIMUM NUMBER HAS NOT BEEN PROVIDED THE AREA			
		RCE OF SEEDLINGS: TBD. PLANTING STOCK SEED SOURCE SHALL BE FRO	DM WITHIN THE GEOGRAPHIC REGION SUITED FOR GROWTI	H IN PRINCE GEORGE'S COUNTY, MARYLAND.	
		IR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS:	CHEDULE:	PLANTING DETAIL FOR TREESHELTERS NOT TO SCALE	
BTAIN A	YEAR 1:	SITE PREPARATION AND TREE PLANTING			
K RVATION		SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER - NOVEMBER) SEE WATERING IS NEEDED (2X / MONTH) CONTROL OF UNDESIRABLE VEGETATION AS NEEDED (1X IN JUNE A		-RECOMMENDED HEIGHT TO DISCOURAGE DER BROWSE IS MIN, 48° -G" IN DIAMETER	
STUMPS IN	YEAR 2-3:			4' MIN HT. FOR TREES	
THEN THE	YEAR 4:	NEEDED (1X IN MAY AND 1X IN AUGUST MIN.) REINFORCEMENT PLANTING IF NEEDED (SEE NOTE 2) SURVIVAL CH	IFCK (SEDTEMBER - NOVEMBER)		
THE		1. SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT LIST ( TAKING INVENTORY. PLANTS MUST SHOW VITALITY. SUBMIT FIELD OWNER AFTER EACH INSPECTION. REMOVE ALL DEAD PLANTS.	(OR AS-BUILT) BY WALKING THE SITE AND	CABLE TIES MULCH RING	
		2. REINFORCEMENT PLANTING: REPLACE DEAD OR MISSING PLANT TOTAL NUMBER OF LIVE PLANTS TO AT LEAST 75% OF THE NUMBEI SPECIES SUFFERS UNUSUALLY HIGH MORTALITY, REPLACE WITH AI	R ORIGINALLY PLANTED. IF A PARTICULAR		
OR A RIAL FROM		3. MISCELLANEOUS: FERTILIZATION OR WATERING DURING YEARS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATI BASIS.	1 THROUGH 3 WILL BE DONE ON AN AS	NOTE: • TREE SHELTER SHALL BE OF A TYPE DESIGNED SPECIFICALLY FOR TREE PROTECTION AND ENHANCING GROWTH. • TREE SHELTER SHOULD BE INSPECTED PERIODICALLY. STRAIGHTEN LEANING SHELTERS, REMOVE COMPETING WEEDS AROUND OUTSIDE OF SHELTER, AND IF WEEDS BEGIN TO GROW INSIDE SHELTER, REVERSE THE SHELTER INSTALLATION PROCESS, REMOVE THE WEEDS, AND RE-INSTALL THE	
MITTED IF ABEL			NOF MADE	SHELTER. • REMOVE THE SHELTER FROM THE TREE WHEN THE TREE REACHES ABOUT 2" IN DIA. OR WELL OUT OF THE TOP OF IT OR ON AVG. OF 3-5 YEARS.	
IN THE USE		<u>Plan prepared by</u>	S S S S S S S S S S S S S S S S S S S	QUALIFIED PROFESSIONAL CERTIFICATION	
		HUMAN & ROHDE, INC. Landscape Architects		THIS TCP2 COMPLIES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL	AND THE
		512 Virginia Ave. Towson, Maryland 21286	horopy costify that the start of the start	SIGNED:DATE:DATE:	2024
		(410) 825-3885 Phone (410) 825-3887 Fax	I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland.	DEVIN LEARY - HUMAN & ROHDE, INC. 512 VIRGINIA AVENUE TOWSON, MD 21286 410.825.3885	

License No.: 3693 Expiration Date: 09-16-2026

410.825.3885 DEVIN@HUMANANDROHDE.COM

		OU - I CAL INLLS FER A	ACRE = 30 TREES RE	QUI	RED			
	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZ	E	CON	DITION	COMMENTS
<b>WRA-1</b> 0.04AC.	2	ACER RUBRUM	RED MAPLE	W	HIP	C	ONT.	
@ 300 TREES	2	LIRIODENDRON TULIPIFERA	TULIP POPLAR					
PER ACRE = 12	2	NYSSA SYLVATICA	BLACK GUM					12 TREES PROVIDE
TREES REQUIRED	3	QUERCUS BICOLOR	SWAMP WHITE OAK					
	3	QUERCUS FALCATA	SOUTHERN RED OAK		↓ V		l V	
					•		•	
	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE		CON	DITION	COMMENTS
WRA-2 0.04AC.	2	ACER RUBRUM	RED MAPLE	W	HIP	C	ONT.	
@ 300 TREES	2	LIRIODENDRON TULIPIFERA	TULIP POPLAR					
PER ACRE = 12	2	NYSSA SYLVATICA	BLACK GUM					9 TREES PROVIDED
TREES REQUIRED	3	QUERCUS BICOLOR	SWAMP WHITE OAK					
	3	QUERCUS FALCATA	SOUTHERN RED OAK		\ V		l V	
							•	
	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZ	E	CON	DITION	COMMENTS
WRA-3 0.02 AC.	1	ACER RUBRUM	RED MAPLE	W	HIP	C	ONT.	
@ 300 TREES	1	LIRIODENDRON TULIPIFERA	TULIP POPLAR					
PER ACRE = 6 TREES	1	NYSSA SYLVATICA	BLACK GUM					6 TREES PROVIDED
REQUIRED	2	QUERCUS BICOLOR	SWAMP WHITE OAK					]
	1	QUERCUS FALCATA	SOUTHERN RED OAK		ļ.		<u> </u>	

#### TCP2 PLANTING WILL RESULT IN 0.1 ACRES OF REFORESTATION 0.1AC @ 300 TREES PER ACRE = 30 SEEDLINGS PROVIDED

NOTE: • TREES ARE TO BE PLANTED IN A RANDOM PATTERN WITH SIMILAR SPECIES ARE TO BE MASSED INTO ORGANIC SHAPED

CLUSTERS. • THE PLANTING SHOULD BE DISPERSED AS EVENLY AS POSSIBLE WITHIN THE DESIGNATED PLANTING AREA.

• THE LOCATION OF CERTAIN SPECIES WILL ALSO NEED TO BE BASED ON THE HYDROLOGY OF THE PLANTING AREA TO INCREASE OVERALL SURVIVABILITY.

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 to fulfill the requir basis by the appr	st from bare land. stances, any combinatio lters, transplants, and/o rements of an approved oving authority.	s are the minimum number n of the above mentioned s r natural regeneration may TCP. They will be evaluat bs must be planted in a grid	stocking optior be appropriate ed on a case-l	ns, dry e strategies	

Site Stocking



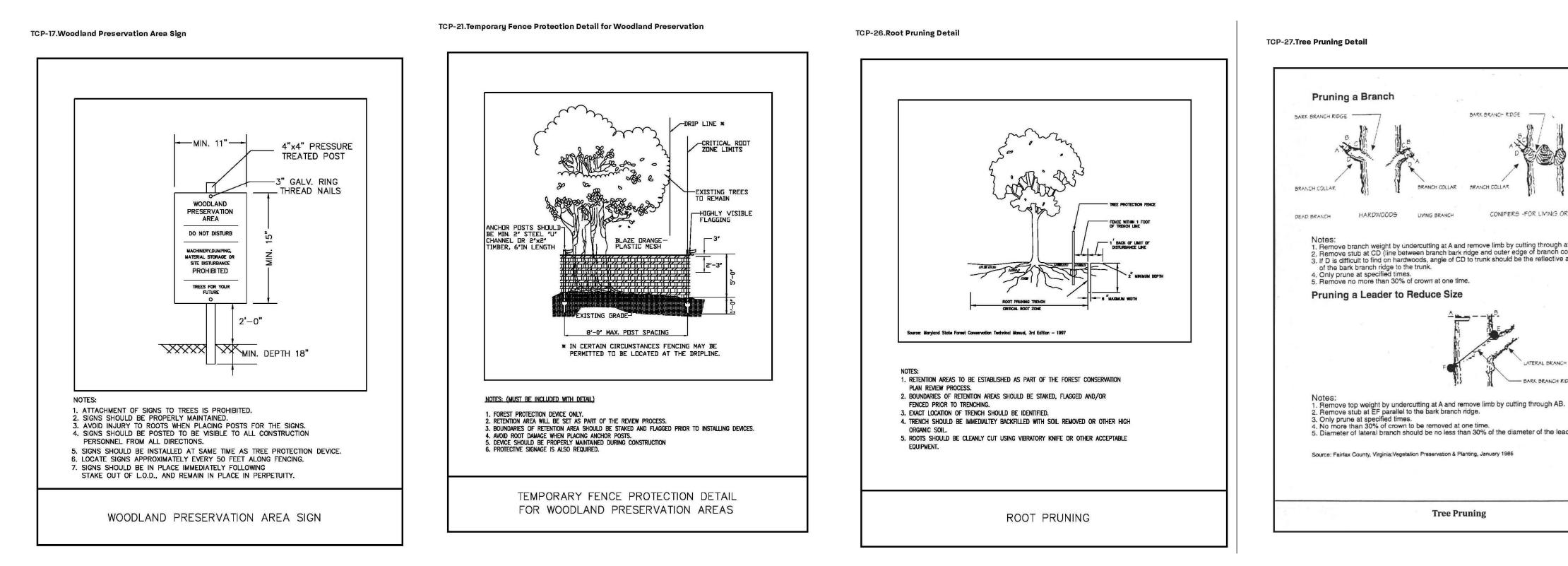
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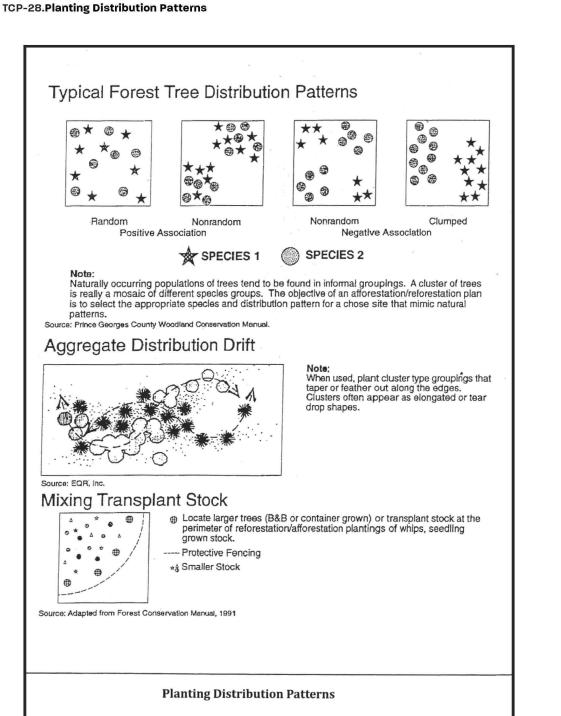
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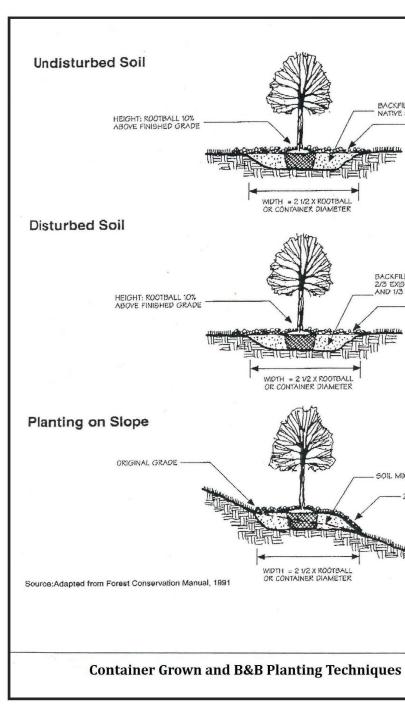
TYPE 2 TREE CONSERVATION (TCP2) PLAN APPROVAL BLOCK					
	PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT, M-NCPPC ENVIRONMENTAL PLANNING SECTION TYPE 2 TREE CONSERVATION PLAN APPROVAL <b>TCP2-043-2021</b>				
	Approved By	Date	DRD #	Reason for Revision	
00	Alexander Kirchhof	1/31/2025	DSP-21012		
01					

# ΒE 82 RG E S S ENTER പ ATION D SITE PL CONSERVA EE $\sim$ AUTHOR: VMB CHECK: DML PROJ#: 002692 DATE: <u>12/18/2</u>4 SCALE: AS SHOWN SHEET

SHEET: <u>3</u> OF <u>4</u>







TCP-30.Container Grown and B&B Planting Techniques

#### SUPPRESSION AND CONTROL OF INVASIVE, EXOTIC VEGETATION

1. IN GENERAL: SUPPRESSION EFFORTS ARE AIMED AT THE REMOVAL OF INVASIVE, EXOTIC SPECIES ("TARGET SPECIES"), WHICH DISPLACE OR PREVENT THE ESTABLISHMENT OF NATIVE FORESTS. THE PRIMARY FOCUS OF THIS PLAN IS THE SUPPRESSION AND CONTROL EFFORTS OF INVASIVE AND EXOTIC SPECIES, AS NOTED, PRIMARILY INCLUDING BUT NOT EXCLUSIVE TO: PEAR (PYRUS SP.), JAPANESE HONEYSUCKLE VINE (LONICERA JAPONICA), AND ENGLISH IVY (HEDERA HELIX). 2. GOAL AND PURPOSE: SUPPRESSION EFFORTS SHALL INCLUDE THE INITIAL REMOVAL OR TREATMENT OF THE TARGET SPECIES AND THE MAINTENANCE REQUIRED TO CONTROL RE-GROWTH. IMPLEMENTATION AND CHOICE OF TREATMENT AND METHOD SHALL BE SUCH THAT NEITHER THE INVASIVE SPECIES NOR THE METHOD OF CONTROL ADVERSELY AFFECTS THE ESTABLISHMENT AND SURVIVAL OF NATIVE SPECIES. TARGET SPECIES ARE GENERALLY PERSISTENT WITH REGARD TO ERADICATION AND CONTROL EFFORTS. THEREFORE, THE GOAL IS TO SUPPRESS THE TARGET SPECIES TO ALLOW THE NATIVE SPECIES TO FORM A DENSE CANOPY. THE SHADE CREATED BY THE DENSE CANOPY IDEALLY WILL PROVIDE ADDITIONAL SHADE, WHICH WILL MANAGE THE RE-GROWTH OF THE TARGETED SPECIES. 3. MINIMUM REQUIREMENTS: A MINIMUM OF TWO APPLICATIONS OR TREATMENTS SHALL BE MADE DURING EACH ONE-YEAR PERIOD. 4. AREAS AFFECTED: SUPPRESSION AND CONTROL EFFORTS SHALL TAKE PLACE ONLY WITHIN THE AUTHORIZED CLEARING AND MANAGEMENT AREA AND SHALL NOT EXTEND TO THE EXISTING FOREST FLAGGING REQUIRED: TARGET VEGETATION WITHIN THE SUPPRESSION AREA (S) SHALL BE CLEARLY FLAGGED WITH SURVEYOR'S RIBBON OR OTHERWISE IDENTIFIED IN A CLEAR AND RECOGNIZED MANNER. FLAGGING OR OTHERWISE IDENTIFYING TARGET VEGETATION SHALL BE DONE SO AS TO PREVENT REMOVAL OF DESIRABLE (NATIVE) SPECIES ALONG WITH THE TARGET SPECIES. 5. METHODS OF REMOVAL: SUPPRESSION AND CONTROL OF THE TARGET SPECIES CAN BE BY MECHANICAL OR CHEMICAL METHODS OF A COMBINATION OF BOTH. MECHANICAL CONTROLS INCLUDE MOWING OR CHOPPING AT OR NEAR THE GROUND LEVEL AND REMOVAL OF THE PLANT BY DIGGING, PULLING. MOWING OR CHOPPING WILL LIKELY RESULT IN RE-GROWTH FROM THE STUMP OR ROOT SPROUTS. THEREFORE, THIS METHOD REQUIRES ALSO TREATING THE REMAINING STUMP AND/OR ROOT SPROUTS. THE REMOVAL OF THE REMAINING ROOTS BY SOME MEANS OF EXCAVATION WILL DISTURB THE SOIL. THIS MAY REQUIRE SEDIMENT CONTROL MEASURES, WHICH IS THE RESPONSIBILITY OF THE CONTRACTOR. HOLES CREATED BY THE REMOVAL OF ROOTS ARE TO BE FILLED WITH TOPSOIL. 6. STABILIZING BARE GROUND: ALL BARE GROUND AREAS RESULTING FROM MECHANICAL CONTROL METHODS ARE TO BE IMMEDIATELY STABILIZED. DISTURBED AREAS WITH SUFFICIENT LIGHT SHALL BE SEEDED. DENSELY SHADED AREAS SHALL BE MULCHED WITH 2" OF SHREDDED HARDWOOD MULCH OR WOOD CHIPS. THE USE OF HEAVY EQUIPMENT WITHIN WET AREAS IS PROHIBITED, UNLESS THE SOIL IS DRY ENOUGH FOR THE EQUIPMENT TO BE SUPPORTED WITHOUT EXCESSIVE DAMAGE TO THE SOIL OR DESIRABLE GROUND COVER PLANTS. 7. USE OF CHEMICALS: CHEMICAL CONTROL IS BY HERBICIDE APPLICATION TO THE TARGET SPECIES. THE USE OF HERBICIDES SHALL BE IN STRICT ACCORDANCE WITH STATE AND FEDERAL REGULATIONS AND INCLUDE BUT ARE NOT • THE USE AND APPLICATION OF ALL HERBICIDES SHALL BE IN STRICT ACCORDANCE WITH THE LABEL ON THE HERBICIDE'S CONTAINER AND/OR THE INSTRUCTIONS ACCOMPANYING THE HERBICIDE. • HERBICIDES USED IN OR NEAR WETLANDS OR STREAMS SHALL BE CLEARLY LABELED AS TO INDICATE THAT THE HERBICIDE IS FOR USE NEAR BODIES OF WATER. ALL HERBICIDE APPLICATIONS SHALL BE CONDUCTED DURING THE APPROPRIATE TIME OF YEAR AND UNDER ENVIRONMENTALLY FAVORABLE CONDITIONS WITH CONSIDERATION TO WEATHER ELEMENTS (I.E. WIND AND TEMPERATURE) AND IN ACCORDANCE WITH THE LABEL. INDIVIDUALS WHO ARE QUALIFIED AND LICENSED PESTICIDE APPLICATORS WILL CONDUCT ALL HERBICIDE APPLICATIONS. • HERBICIDES ARE TO BE APPLIED IN A MANNER THAT ONLY SUPPRESSES THE TARGET VEGETATION AND DOES NOT SUPPRESS OR DESTROY SURROUNDING DESIRABLE PLANTS. ANY CHEMICAL TREATMENT OF PHRAGMITES WILL REQUIRE A TOXIC MATERIAL PERMIT FROM THE MARYLAND DEPARTMENT OF THE ENVIRONMENT. PROTECTING LIVING ROOT MATS: ROOT MATS OF PLANTS TREATED WITH HERBICIDES ARE TO REMAIN IN PLACE TO STABILIZE THE SOIL. DEBRIS REMOVAL: BRUSH, ROOT MATS, AND DEBRIS RESULTING FROM THE USE OF MECHANICAL CONTROLS SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED RECOMMENDED SOURCES OF INFORMATION: RECOMMENDED SUPPRESSION TREATMENTS CAN BE OBTAINED FROM PUBLICATIONS WRITTEN BY PHILIP D. PANNILL, REGIONAL WATERSHED FORESTER, WESTERN REGION, MARYLAND DEPARTMENT OF NATURAL RESOURCES, FOREST SERVICE. RECOMMENDED ARE: THE CONTRACTOR SHALL CONSULT THE ABOVE PUBLICATIONS FOR RECOMMENDED HERBICIDES AND ADDITIONAL TREATMENT OPTIONS. THESE PUBLICATIONS AS WELL AS OTHER RELEVANT PUBLICATIONS ARE AVAILABLE UPON **REQUEST BY CONTACTING** MARYLAND DEPT. OF NATURAL RESOURCES 1260 MARYLAND AVENUE HAGERSTOWN, MD 21740 15. FOLLOW-UP TREATMENTS: FOLLOWING THE INITIAL TREATMENT, THE SUPPRESSED AREAS SHALL BE MONITORED/INSPECTED AND RE-GROWTH/RE-INFESTATION SHALL BE TREATED AT LEAST FOUR ADDITIONAL TIMES DURING THE TWO-YEAR MAINTENANCE PERIOD. 16. LONG-TERM MANAGEMENT: RE-GROWTH AND/OR RE-INFESTATION SHALL BE TREATED AS INDICATED. MONITORING AND MAINTENANCE ACTIVITIES SHALL BE IN ACCORDANCE WITH THE MONITORING AND MANAGEMENT

TCP-29.Tree Planting and Maintenance Calendar

BACKFILL WITH NATIVE SOIL - 2" MULCH BACKFILL WITH 2/3 EXISTING SOI AND 1/3 COMPOS

- SOIL MIX BACKFILL - 2" MULCH

#### Months Tasks Jan<sup>+</sup> Feb<sup>+</sup> Mar Apr May June July Aug Sep Oct Nov<sup>+</sup> Dec<sup>+</sup> DESCRIPTION OF DESCRIPTION Transplant of 2 DBH or Greate and the second second Planting Seedlings Whips Minimum Monitoring \* \* Fertilizer (If Needed)+ Water++ Pruning Recommended, Optimal time Recommended with Additional Care Recommended Dependent Upon Site Conditions Dependent Upon Site Conditions: Weekly Watering is Strongly Recommended From May Through October Unless Weekly Rainfall Equals 1\* ++ . Activities during November through February depend on ground conditions. . No fall planting of oaks and pines. b. The planting and care of trees is most successful when coordinated with the local conditions. This calendar summarizes some of the recommended time frames for basic reforestation and stress reduction activities. Source: Adapted from For Conservation Manual, 199

Tree Planting and Maintenance Calendar

TREE PROTECTION NOTES

- A STATE OF MARYLAND LICENSED TREE EXPERT AND/OR AN INTERNATIONAL SOCIETY OF ARBORICULTURE CERTIFIED ARBORIST MUST PERFORM ALL STRESS REDUCTION MEASURES.
- TREE PROTECTION MEASURES SHALL MEET OR EXCEED ANSI A300 OR APPROVED TREE CARE INDUSTRY STANDARDS.
- A STATE OF MARYLAND LICENSED TREE EXPERT AND/OR A CERTIFIED ARBORIST MUST BE ONSITE DURING THE ENTIRETY OF TREE WORK.

## <u>Plan prepared by</u>

### HUMAN & ROHDE, INC. Landscape Architects 512 Virginia Ave.

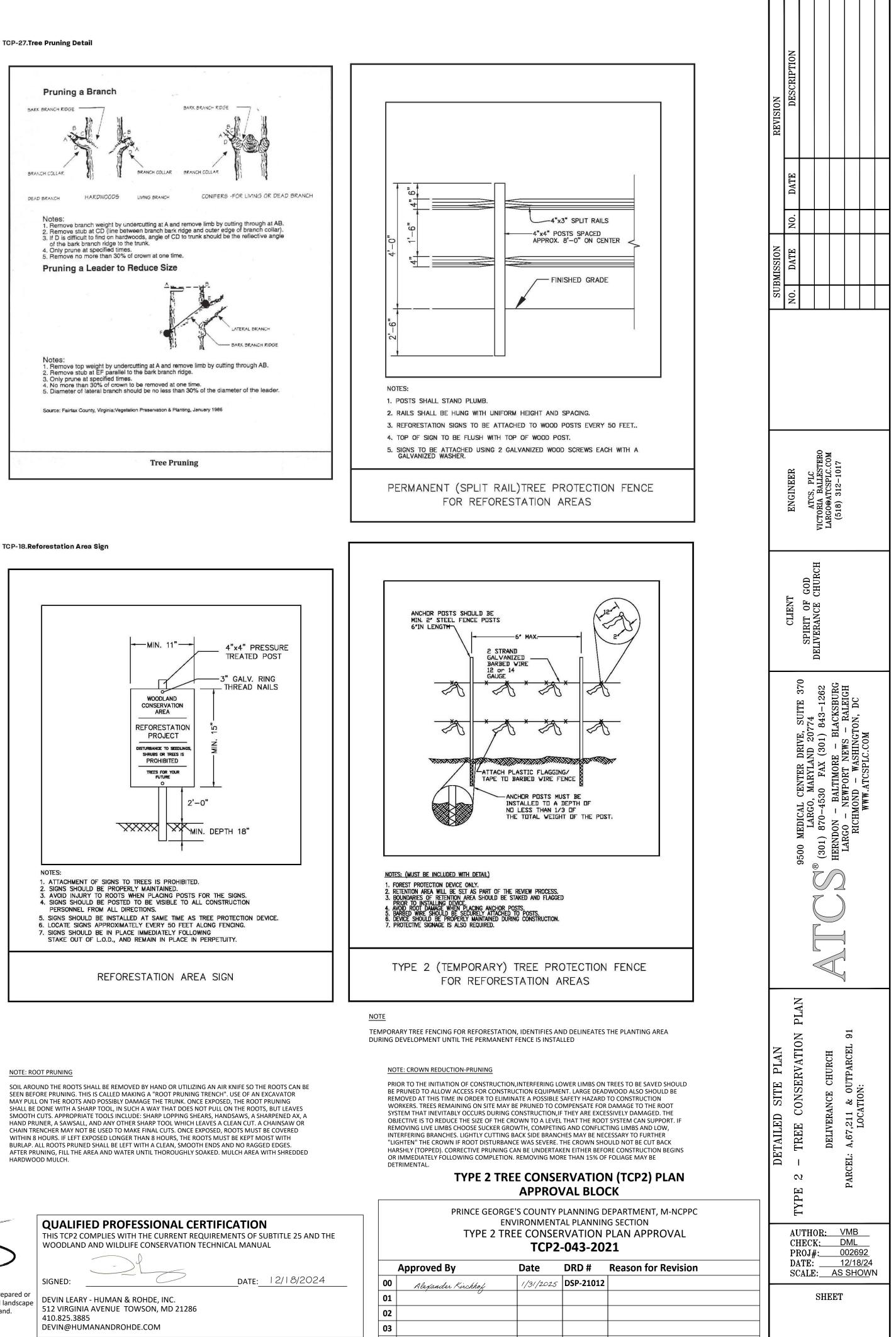
Towson, Maryland 21286 (410) 825-3885 Phone (410) 825-3887 Fax



I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland. License No.: 3693

Expiration Date: 09-16-2026

QUALIFIED PROFESSIONAL CERTIFICATION THIS TCP2 COMPLIES WITH THE CURRENT REQUIREMENTS OF S WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUA	UE
SIGNED: DATE:	
DEVIN LEARY - HUMAN & ROHDE, INC. 512 VIRGINIA AVENUE TOWSON, MD 21286 410.825.3885 DEVIN@HUMANANDROHDE.COM	



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SHEET: <u>4</u> OF <u>4</u>