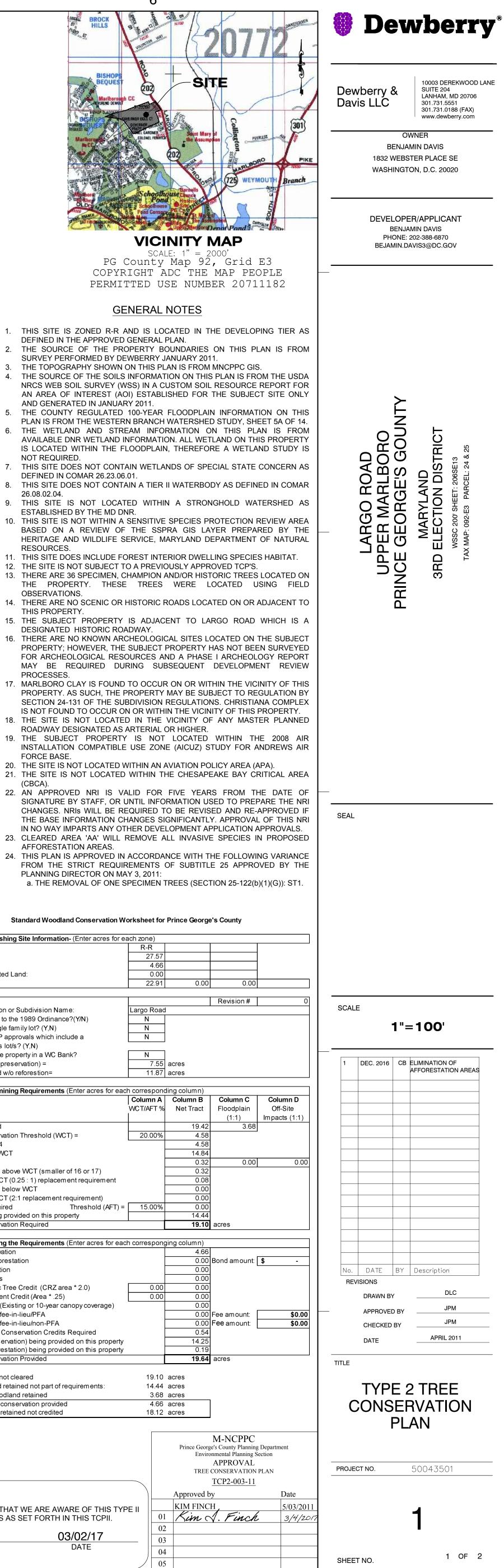


6	-			-
8				
natural reg	eneration	is heing nro	vided r	n-site in
0.19 of Aff	orestation/	is being pro 'Reforestati a deficit is	on in N	latural R

	GEND	
PROPERTY BOUNDARY		
REGULATED STREAM (TOP OF BANK) REGULATED STREAM BUFFER	SBSBSB	
100-YEAR FLOODPLAIN	FPFPFPFP	
100-YEAR FLOODPLAIN BUILDING RESTRICTION LINE		
DNR WETLAND	WLWLWL	THIS PLAN
100' EXPANDED WETLAND BUFFER PRIMARY MANAGEMENT AREA (PMA)	—————————————————————————————————————	THE WOOD
FOREST INTERIOR DWELLING SPECIES 300' HABITAT BUFFER		
EXISTING TREE LINE		
EXISTING HEDGEROW OR OTHER NON-WOODLAND AREAS FOREST STAND BOUNDARY	Stand A Stand A	SIGNED:
	Stand B CxD Stand B CxD	JOHN P. MA
SOIL BOUNDARY MARLBORO CLAY OUTCROP	BcA BcA	JM FOREST
WARLBORD CLAT OUTCROP		11552 TIMB
SPECIMEN, CHAMPION, HISTORIC TREE WITH CRITICAL ROOT ZOI	NE (_{sř-1})	WALDORF,
		PHONE: 301
STEEP SLOPES (15% OR GREATER)		jpmarkovich
LIMIT OF DISTURBANCE	$-\bigcirc -\bigcirc -$	
TREE PROTECTION FENCE (TEMPORARY)		
WOODLAND PRESERVATION AREA	<i>\////////////////////////////////////</i>	
WOODLAND REFORESTATION/AFFORESTATION AREA		
WOODLAND PRESERVED-NOT CREDITED	$\square H H H H H H H H H H H H H H H H H H H$	
	AL (X)	

Preservation Area Available (acres)	Afforestation Area Available (acres)	Area Recordation vailable Information Benefiting		Reviewer	Approval Date	
14.25	1.41 L32726 F508					
13.25		L32738 F191	TCP2- 003-97- 07	Schelford North Estates, Lot 19	KIF	6/13/2011
10.41		L33649 F186	TCP2- 004-12	Chapel Dale	KIF	6/01/2012
9.03		L34750 F555	TCP2- 043-92- 01	Clinton Crossroads, Lots 1-12 and Parcel "A"	KIF	6/03/2013
-0.92		L35052 F247	TCP2- 008-12	Smith Home Farm, Section 1A	KIF	8/08/2013
-0.54	0.19			REVISIONS TO TCPII-003-11 TO REDUCE & RELOCATE AFFORESTATION		
	6					

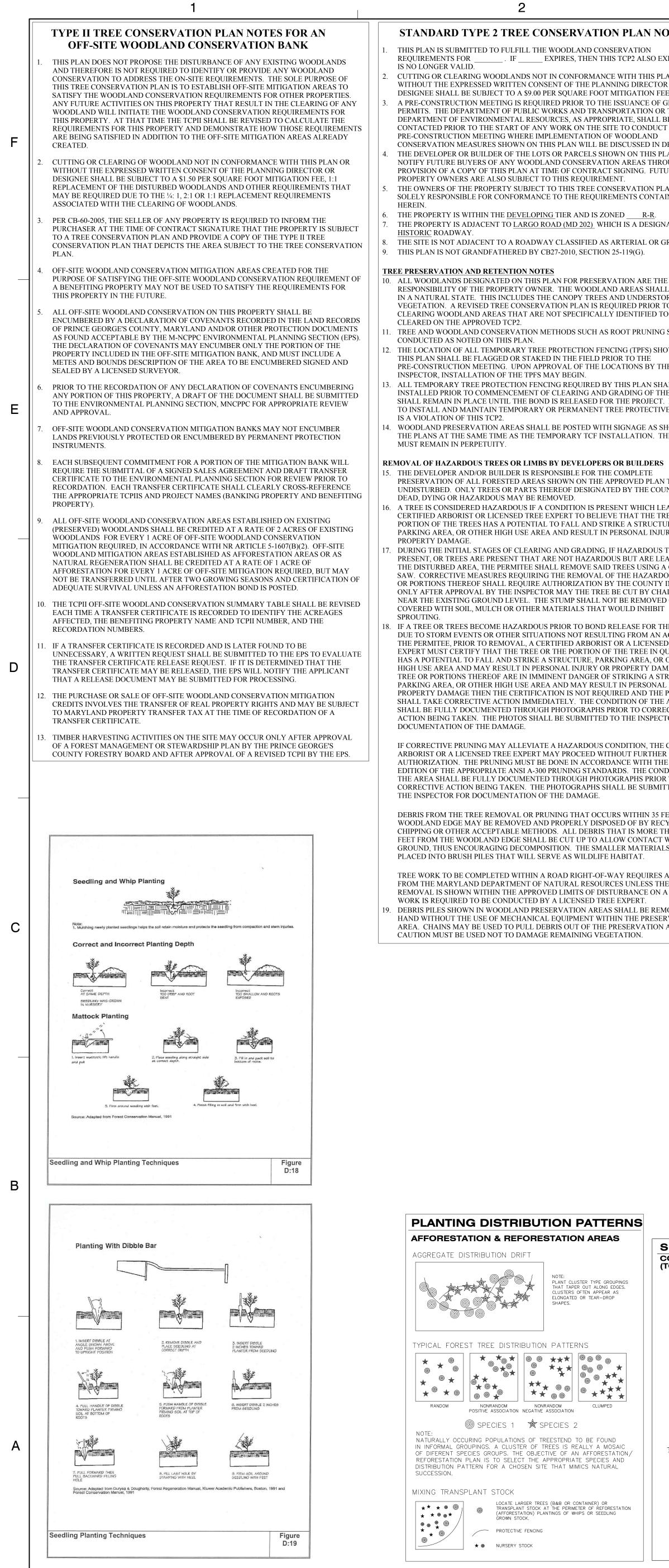
OWNER OR OWNERS REPRESENTATION



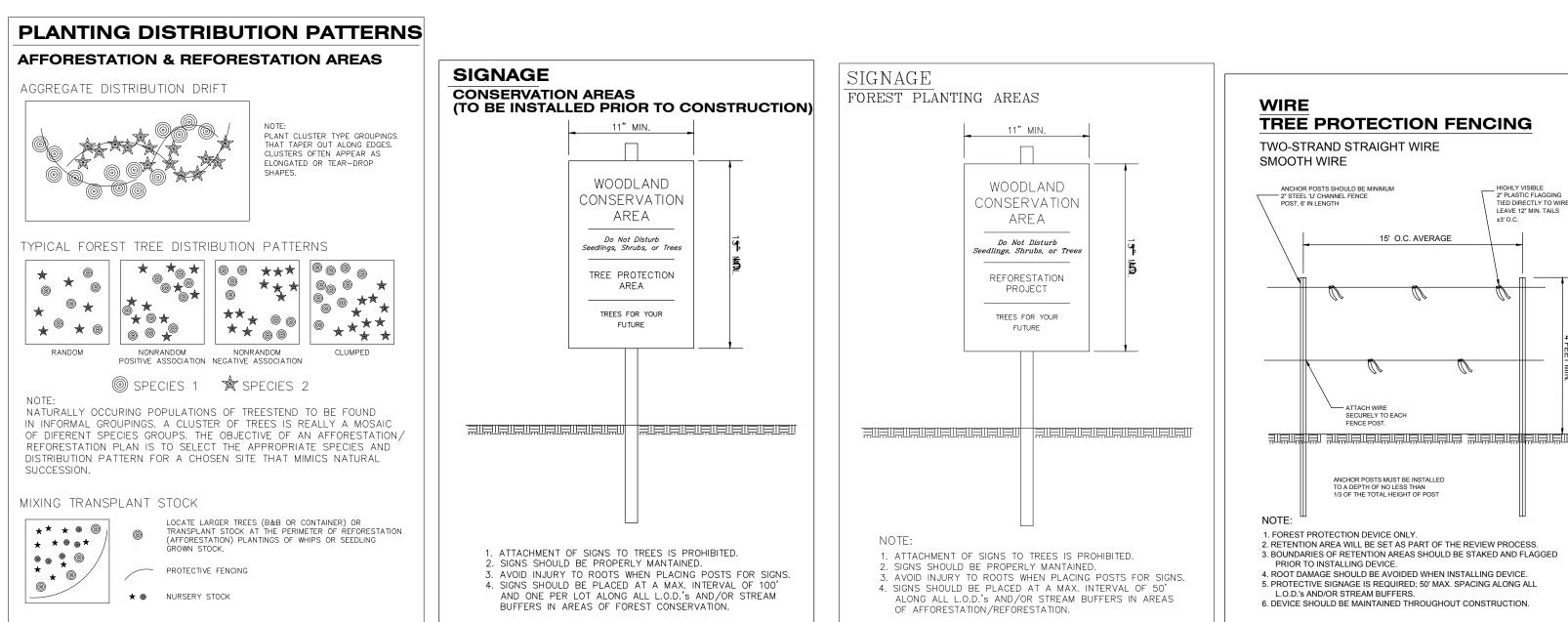
- DEFINED IN THE APPROVED GENERAL PLAN.
- SURVEY PERFORMED BY DEWBERRY JANUARY 2011.
- THE SOURCE OF THE SOILS INFORMATION ON THIS PLAN IS FROM THE USDA NRCS WEB SOIL SURVEY (WSS) IN A CUSTOM SOIL RESOURCE REPORT FOR AN AREA OF INTEREST (AOI) ESTABLISHED FOR THE SUBJECT SITE ONLY
- 5. THE COUNTY REGULATED 100-YEAR FLOODPLAIN INFORMATION ON THIS PLAN IS FROM THE WESTERN BRANCH WATERSHED STUDY, SHEET 5A OF 14. 6. THE WETLAND AND STREAM INFORMATION ON THIS PLAN IS FROM AVAILABLE DNR WETLAND INFORMATION. ALL WETLAND ON THIS PROPERTY
- NOT REQUIRED. 7. THIS SITE DOES NOT CONTAIN WETLANDS OF SPECIAL STATE CONCERN AS DEFINED IN COMAR 26.23.06.01.
- 8. THIS SITE DOES NOT CONTAIN A TIER II WATERBODY AS DEFINED IN COMAR 26.08.02.04.
- ESTABLISHED BY THE MD DNR 10. THIS SITE IS NOT WITHIN A SENSITIVE SPECIES PROTECTION REVIEW AREA BASED ON A REVIEW OF THE SSPRA GIS LAYER PREPARED BY THE
- RESOURCES. 11. THIS SITE DOES INCLUDE FOREST INTERIOR DWELLING SPECIES HABITAT. 12. THE SITE IS NOT SUBJECT TO A PREVIOUSLY APPROVED TCP'S.
- THE PROPERTY. THESE TREES WERE LOCATED USING FIELD OBSERVATIONS.
- THIS PROPERTY 15. THE SUBJECT PROPERTY IS ADJACENT TO LARGO ROAD WHICH IS A
- 16. THERE ARE NO KNOWN ARCHEOLOGICAL SITES LOCATED ON THE SUBJECT PROPERTY; HOWEVER, THE SUBJECT PROPERTY HAS NOT BEEN SURVEYED FOR ARCHEOLOGICAL RESOURCES AND A PHASE I ARCHEOLOGY REPORT MAY BE REQUIRED DURING SUBSEQUENT DEVELOPMENT REVIEW
- PROCESSES. 17. MARLBORO CLAY IS FOUND TO OCCUR ON OR WITHIN THE VICINITY OF THIS PROPERTY. AS SUCH, THE PROPERTY MAY BE SUBJECT TO REGULATION BY SECTION 24-131 OF THE SUBDIVISION REGULATIONS. CHRISTIANA COMPLEX
- 18. THE SITE IS NOT LOCATED IN THE VICINITY OF ANY MASTER PLANNED ROADWAY DESIGNATED AS ARTERIAL OR HIGHER.
- INSTALLATION COMPATIBLE USE ZONE (AICUZ) STUDY FOR ANDREWS AIR FORCE BASE.
- 21. THE SITE IS NOT LOCATED WITHIN THE CHESAPEAKE BAY CRITICAL AREA (CBCA).
- SIGNATURE BY STAFF, OR UNTIL INFORMATION USED TO PREPARE THE NRI CHANGES. NRIS WILL BE REQUIRED TO BE REVISED AND RE-APPROVED IF THE BASE INFORMATION CHANGES SIGNIFICANTLY. APPROVAL OF THIS NRI IN NO WAY IMPARTS ANY OTHER DEVELOPMENT APPLICATION APPROVALS.
- AFFORESTATION AREAS. 24. THIS PLAN IS APPROVED IN ACCORDANCE WITH THE FOLLOWING VARIANCE FROM THE STRICT REQUIREMENTS OF SUBTITLE 25 APPROVED BY THE
- PLANNING DIRECTOR ON MAY 3, 2011: a. THE REMOVAL OF ONE SPECIMEN TREES (SECTION 25-122(b)(1)(G)): ST1.

Standard Woodland Conservation Worksheet for Prince George's County

	SECTION I-Establishing Site Information- (Enter acres for ea	och zona				
4			<u> </u>		,	
	Zone:	R-F				
	Gross Tract:	2	7.57			
3	Floodplain:	4	4.66			
4	Previously Dedicated Land:	(00.C			
5	Net Tract (NTA):	2	2.91	0.00	0.00	
6	TCP Number				Revision#	
					Revision#	
	Property Description or Subdivision Name:	Largo I	Koad			
	Is this site subject to the 1989 Ordinance?(Y/N)	<u>N</u>				
9	Is this one (1) single family lot? (Y,N)	N				
10	Are there prior TCP approvals which include a	N				
	combination of this lot/s? (Y,N)					
	Is any portion of the property in a WC Bank?	N				
			7 5 5	0.070.0		
	Break-even Point (preservation) =		7.55	acres		
14	Clearing permitted w/o reforestion=	1	1.87	acres		
	SECTION II-Determining Requirements (Enter acres for each	n corres	pond	ling column)		
		Colum	n A	Column B	Column C	Co
		WCT/A	I	Net Tract	Floodplain	С
		1		Hot Haot	(1:1)	Imp
	En la Cara MAta a de a se			10.40	, ,	imp
	Existing Woodland			19.42	3.68	
	Woodland Conservation Threshold (WCT) =	20.0	20%	4.58		
17	Smaller of 13 or 14			4.58		
18	Woodland above WCT		ľ	14.84		
	Woodland cleared		F	0.32	0.00	
	Woodland cleared above WCT (smaller of 16 or 17)		ŀ	0.32	0.00	
	· · · · · · · · · · · · · · · · · · ·		⊢			
	Clearing above WCT (0.25 : 1) replacement requirement		ļ	0.08		
22	Woodland cleared below WCT			0.00		
23	Clearing below WCT (2:1 replacement requirement)		Γ	0.00		
	Afforestation Required Threshold (AFT) =	15.0	00%	0.00		
	Off-site WCA being provided on this property			14.44		
	Woodland Conservation Required			19.10		
20	woodiand Conservation Required			19.10	acres	
	SECTION III-Meeting the Requirements (Enter acres for each	n corres	pong	jing column)		
27	Woodland Preservation			4.66		
28	Afforestation / Reforestation		Γ	0.00	Bond amount:	\$
29	Natural Regeneration		F	0.00		
	Landscape Credits		ŀ	0.00		
	•					
	Specimen/Historic Tree Credit (CRZ area * 2.0)		0.00	0.00		
	Forest Enhancement Credit (Area * .25)		0.00	0.00		
32	Street Tree Credit (Existing or 10-year canopy coverage)			0.00		
33	Area approved for fee-in-lieu/PFA		Γ	0.00	Fee amount:	
34	Area approved for fee-in-lieu/non-PFA		F	0.00	Fee amount:	
	Off-site Woodland Conservation Credits Required		ŀ	0.54		
	Off-site WCA (preservation) being provided on this property		ŀ	14.25		
			⊢			
	Off-site WCA (afforestation) being provided on this property			0.19		
38	Woodland Conservation Provided			19.64	acres	
39	Area of woodland not cleared	19	9.10	acres		
40	Net tract woodland retained not part of requirements:	14	4.44	acres		
	100-floodplain woodland retained		3 68	acres		
	On-site woodland conservation provided			acres	1	
	On-site woodland retained not credited			acres		
43		10	5.TZ	acres	l	
					M-NCPPC	
					ge's County Planning	
				Enviro	onmental Planning S	lection
					APPROVAL	
				TREE	CONSERVATION	PLAN
					TCP2-003-11	
		$\overline{)}$				
)		Approved b	у	
					•	
Ά	CKNOWLEDGE THAT WE ARE AWARE OF THIS TYP	EII		KIM FINC	1 -	,
	REQUIREMENTS AS SET FORTH IN THIS TCPII.		01	Kinc	1. Finch	
			02	-		
	02/02/17					
	03/02/17		03			
				1		
	DATE		04			
			04			



PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT. THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLA SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAI HEREIN. THE PROPERTY IS WITHIN THE <u>DEVELOPING</u> TIER AND IS ZONED <u>R-R</u>. THE PROPERTY IS ADJACENT TO LARGO ROAD (MD 202) WHICH IS A DESIGNA HISTORIC ROADWAY. THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR G P. THIS PLAN IS NOT GRANDFATHERED BY CB27-2010, SECTION 25-119(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 SHAL IN A NATURAL STATE. THIS INCLUDES THE CANOPY TREES AND UNDERSTO VEGETATION. A REVISED TREE CONSERVATION PLAN IS REQUIRED PRIOR 7 CLEARING WOODLAND AREAS THAT ARE NOT SPECIFICALLY IDENTIFIED TO CLEARED ON THE APPROVED TCP2. . TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING CONDUCTED AS NOTED ON THIS PLAN. 2. THE LOCATION OF ALL TEMPORARY TREE PROTECTION FENCING (TPFS) SHO THIS PLAN SHALL BE FLAGGED OR STAKED IN THE FIELD PRIOR TO THE PRE-CONSTRUCTION MEETING. UPON APPROVAL OF THE LOCATIONS BY TH INSPECTOR, INSTALLATION OF THE TPFS MAY BEGIN. 3. ALL TEMPORARY TREE PROTECTION FENCING REQUIRED BY THIS PLAN SHA INSTALLED PRIOR TO COMMENCEMENT OF CLEARING AND GRADING OF TH SHALL REMAIN IN PLACE UNTIL THE BOND IS RELEASED FOR THE PROJECT. TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVI IS A VIOLATION OF THIS TCP2. 14. WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SH THE PLANS AT THE SAME TIME AS THE TEMPORARY TCF INSTALLATION. THE MUST REMAIN IN PERPETUITY. **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 UNDISTURBED. ONLY TREES OR PARTS THEREOF DESIGNATED BY THE COUN DEAD, DYING OR HAZARDOUS MAY BE REMOVED. 16. A TREE IS CONSIDERED HAZARDOUS IF A CONDITION IS PRESENT WHICH LEAR CERTIFIED ARBORIST OR LICENSED TREE EXPERT TO BELIEVE THAT THE TRI PORTION OF THE TREES HAS A POTENTIAL TO FALL AND STRIKE A STRUCTU PARKING AREA, OR OTHER HIGH USE AREA AND RESULT IN PERSONAL INJU PROPERTY DAMAGE. DURING THE INITIAL STAGES OF CLEARING AND GRADING, IF HAZARDOUS PRESENT, OR TREES ARE PRESENT THAT ARE NOT HAZARDOUS BUT ARE LEA THE DISTURBED AREA, THE PERMITEE SHALL REMOVE SAID TREES USING A SAW. CORRECTIVE MEASURES REOUIRING THE REMOVAL OF THE HAZARDO OR PORTIONS THEREOF SHALL REQUIRE AUTHORIZATION BY THE COUNTY I ONLY AFTER APPROVAL BY THE INSPECTOR MAY THE TREE BE CUT BY CHA NEAR THE EXISTING GROUND LEVEL. THE STUMP SHALL NOT BE REMOVED COVERED WITH SOIL, MULCH OR OTHER MATERIALS THAT WOULD INHIBIT SPROUTING. 18. IF A TREE OR TREES BECOME HAZARDOUS PRIOR TO BOND RELEASE FOR TH DUE TO STORM EVENTS OR OTHER SITUATIONS NOT RESULTING FROM AN A THE PERMITEE PRIOR TO REMOVAL A CERTIFIED ARBORIST OR A LICENSEI EXPERT MUST CERTIFY THAT THE TREE OR THE PORTION OF THE TREE IN OU HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PARKING AREA, OR HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAM TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STR PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE F SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORREL ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECT DOCUMENTATION OF THE DAMAGE. IF CORRECTIVE PRUNING MAY ALLEVIATE A HAZARDOUS CONDITION. THE ARBORIST OR A LICENSED TREE EXPERT MAY PROCEED WITHOUT FURTHER AUTHORIZATION. THE PRUNING MUST BE DONE IN ACCORDANCE WITH THE EDITION OF THE APPROPRIATE ANSI A-300 PRUNING STANDARDS. THE COND THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR CORRECTIVE ACTION BEING TAKEN. THE PHOTOGRAPHS SHALL BE SUBMIT THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE. DEBRIS FROM THE TREE REMOVAL OR PRUNING THAT OCCURS WITHIN 35 FE WOODLAND EDGE MAY BE REMOVED AND PROPERLY DISPOSED OF BY RECY CHIPPING OR OTHER ACCEPTABLE METHODS. ALL DEBRIS THAT IS MORE THE FEET FROM THE WOODLAND EDGE SHALL BE CUT UP TO ALLOW CONTACT GROUND, THUS ENCOURAGING DECOMPOSITION. THE SMALLER MATERIALS PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT. TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT. 19. DEBRIS PILES SHOWN IN WOODLAND PRESERVATION AREAS SHALL BE REM HAND WITHOUT THE USE OF MECHANICAL EQUIPMENT WITHIN THE PRESER AREA. CHAINS MAY BE USED TO PULL DEBRIS OUT OF THE PRESERVATION A CAUTION MUST BE USED NOT TO DAMAGE REMAINING VEGETATION.



2	3		4	
PE 2 TREE CONSERVATION PLAN NOTES	AFFORESTATION AND REFORESTATION NOTES	SOUARE FOOTAGE		
TED TO FULFILL THE WOODLAND CONSERVATION IF EXPIRES, THEN THIS TCP2 ALSO EXPIRES AND .	SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF THESE BONDS WILL BE RETAINED AS SURETY UNTIL ALL REQUIRE BEEN SATISFIED OR THE REQUIRED TIMEFRAME FOR MAINTENAN	DF ANY PERMITS.2.TYPE: (SEE PLAN'RED ACTIVITIES HAVE3.PLANT QUALITYNCE HAS PASSED,STURDY REPRESI	IT SCHEDULE) STANDARDS: THE PLANTS SELECTED ENTATIVE OF THEIR SPECIES. SEEDLI	INGS SHALL HAVE A MINIMUM
PE 2 TREE CONSERVATION PLAN NOTES TED TO FUELL THE WOODLAND CONSERVATION	AFFORESTATION AND REFORESTATION NOTES 1. ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQ SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF THESE BONDS WILL BE RETAINED AS SURETY UNTIL ALL REQUIR	QUARE FOOTAGE, OF ANY PERMITS. RED ACTIVITIES HAVE NCE HAS PASSED,SHALL BE COMPLETED STANDARD NOTE MAY ITS ARE ADJACENT TO TUR FROM NOVEMBER IEG GROUND IS FROZEN. TOCK MAY BE DONE UR FROM NOVEMBER IEG ROUNDED. HE DEVELOPER OR IN ACCORDANCE WITH SHALL THE NE TINIG IS DELAYED OWNER, THE BE INSTALLED PRIOR IN ACCORDANCE WITH SHALL THE NEET TINIG IS DELAYED OWNER, THE DESENTED TO THE 	C <mark>ATION NOTES</mark> PLANT SCHEDULE) IT SCHEDULE) ⁷ STANDARDS: THE PLANTS SELECTED	INGS SHALL HAVE A MINIMUM OLLAR (THE PART OF THE ROOT 8". THE ROOTS SHALL BE WELL ITWENTY-FIVE PERCENT (25%) OF /FIBROUS ROOTS SHALL BE LL DEVELOPED TERMINAL BUDS ED. MATELY AFTER LIFTING FROM THE PLANTED IMMEDIATELY UPON AFTER DELIVERY TO THE E SHADE WITH THEIR ROOT N AND WIND BY THE USE OF MATERIAL ANS SHALL BE THE TIME OF PLANTING. KEN TO THE FIELD SHALL NOT DAY. SEEDLINGS, ONCE RAGE AREA SHALL BE PLANTED DUINGS IS WHILE THEY ARE UITABLE MONTHS FOR PLANTING BUT MAY BE PLANTED FROM .BE DONE WHILE THE GROUND IS WING SEASON OF THE ISSUANCE THE FINAL GRADES AND AND PLANTED USING A DIBBLE THAT THE SEEDLING BE PLACED NATURALLY; THEY SHALL NOT BE THEN BE PACKED FIRMLY ED AT A DEPTH WHERE THEIR POCKETS SHOULD NOT BE LEFT HE ROOTS TO DRY OUT. SEE THE CONTRACTOR WISHES TO IS TREE CONSERVATION PLAN FORE PLANTING MAY BEGIN. PLAN FOR SPACING (OUT DETAIL FOR A DESCRIPTION RATIONS, A SOIL TEST SHALL BE ON AND SOIL AMENDMENTS, IF ING CONDITIONS. SOIL SAMPLES L SAMPLE FOR EACH AREA THAT NTIRE AREA APPEARS UNIFORM, TTED FOR TESTING TO A PRIVATE RECOMMENDATIONS FOR ESTED AND RECOMMENDED FOR HOSPHORUS, POTASSIUM, EN BE IMPROVED ACCORDING TO MPANY. SHALL BE PLACED ON THE IREAS. THE FINAL PROTECTIVE PLANTING OPERATIONS SHALL BE IL(S) SHOWN ON THIS PLAN. DCHIP OR SHEADED FOR HORDENT. SIGNS SHALL BE IL(S) SHOWN ON THIS PLAN. DCHIP OR SHEADED FOR HABILIZED WITH WHITE CLOVER PLANTING AREA. G PLANTING AN A SEEDLINGS ITING. D HONE NUMBER OF NURSERY OR FORESTED BY NATURAL
EE REMOVAL OR PRUNING THAT OCCURS WITHIN 35 FEET OF THE AY BE REMOVED AND PROPERLY DISPOSED OF BY RECYCLING, ACCEPTABLE METHODS. ALL DEBRIS THAT IS MORE THAN 35 DLAND EDGE SHALL BE CUT UP TO ALLOW CONTACT WITH THE URAGING DECOMPOSITION. THE SMALLER MATERIALS SHALL BE PILES THAT WILL SERVE AS WILDLIFE HABITAT.	PROTECTION OF REFORESTATION AND AFFORESTATION AREAS BY HOMEOWNERSa.REFORESTATION FENCING AND SIGNAGE SHALL REMAIN IN PLA WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN.	ACE IN ACCORDANCE		
OMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT D DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE	b. REFORESTATION AREAS SHALL NOT BE MOWED; HOWEVER, THE COMPETING VEGETATION AND REMOVAL OF NOXIOUS, INVASIVE, AN VEGETATION AROUND INDIVIDUAL TREES IS ACCEPTABLE.			
O BE CONDUCTED BY A LICENSED TREE EXPERT. IN WOODLAND PRESERVATION AREAS SHALL BE REMOVED BY USE OF MECHANICAL EQUIPMENT WITHIN THE PRESERVATION BE USED TO PULL DEBRIS OUT OF THE PRESERVATION AREAS. SED NOT TO DAMAGE REMAINING VEGETATION.	 NATURAL REGENERATION NOTES ALL AREAS DESIGNATED FOR REFORESTATION SHALL BE REFORESTE REGENERATION. THE FOLLOWING REQUIREMENTS AND CONDITIONS APPLY: ALL EXISTING TURF, GROUND COVERS, AND INVASIVE SPECIES SI EXTERMINATED USING A GENERAL BROADCAST HERBICIDE SUCH EQUIVALENT. SECONDARY APPLICATION SHALL BE APPLIED AS N CARE SHALL BE TAKEN TO AVOID SPRAYING ANY HARDWOOD SE SAPLINGS. ROTO-TILLING OF TURF AREAS AND MANUAL REMOVAL OF INVACCOMPLETED TWO WEEKS AFTER CHEMICAL TREATMENTS ARE CO REFORESTATION SIGNS SHALL BE INSTALLED EVERY FIFTY FEET AND TWO STRAND WIRE FENCING SHALL BE INSTALLED ALLONG THE FRONTAGES ADJACENT TO ANY REFORESTATION AREAS. REFORESTATION INTERNAL TO THE SITE SHALL BE POSTED AS REDIRECTION OF ANY TRAILS USED TO REACH THOSE AREAS. NATURAL REGENERATION SHALL BE ENCOURAGED BY SEMI-ANN OF THE DESIGNATED AREAS. THE MAINTENANCE SHALL, AT A MI REMOVAL OF COMPETITIVE AND INVASIVE SPECIES FROM THE DE HARDWOODS. THIS MAINTENANCE SHALL OCCUR FOR A PERIOD AFTER ONE AND TWO YEARS ALL DESIRABLE SEEDLINGS AND SA COUNTED AND FLAGGED WITH SURVEYORS TAPE IN THE LATE FA 	SHALL BE CH AS "ROUND-UP" OR 5 NECESSARY. SEEDLINGS OR ASIVE VINES SHALL BE COMPLETED. T OR AS APPROPRIATE THE ROAD REQUIRED IN THE INUAL MAINTENANCE MINIMUM, REQUIRE DESIRED INDIGENOUS D OF TWO YEARS. APLINGS SHALL BE FALL. UARE FEET AND THERE		

8. IF IN TWO YEARS THERE IS LESS THAN ONE SEEDLING PER 60 SQUARE FEET AND THERE ARE INDICATIONS THAT NATURAL REGENERATION IS NOT OCCURRING ADEQUATELY THEN THE OWNERS SHALL PLANT THOSE AREAS WITH CONTAINER GROWN SEEDLINGS AT A RATE OF ONE PER 60 SQUARE FEET. ONLY NATURALLY OCCURRING SPECIES ALREADY PRESENT WITHIN THE SITE SHALL BE USED.

SPECIMEN TREE TABLE

LECTED SHALL BE HEALTHY AND
SEEDLINGS SHALL HAVE A MINIMUM
ROOT COLLAR (THE PART OF THE ROOT
EAST 3/8". THE ROOTS SHALL BE WELL
E THAN TWENTY-FIVE PERCENT (25%) OI
ILIARY/FIBROUS ROOTS SHALL BE

ree #	Name	Latin Name	DRH	Rating	Condition Comments	Disposition	Comments		
1	Beech	Fagus grandifolia	36	Good ¹	Root, trunk & top damage	Remove			
2	Beech	Fagus grandifolia	31	Fair ¹	Root, trunk & top damage,	Save			
					invasive vines				
3	Yellow	Liriodendron	30	Fair ¹	Trunk & top damage, invasive	Save			
	Poplar	tulipifera		<u> </u>	vines				
4	Yellow	Liriodendron	32	Good	Some top damage	Save			
5	Poplar Yellow	tulipifera Liriodendron	38	Fair	Decay, hollow, top damage	Save			
5	Poplar	tulipifera	30	Fall	Decay, nonow, top damage	Save			
6	Yellow	Liriodendron	37	Good	Top damage, supporting dead	Save			
v	Poplar	tulipifera	51	0000	tree	Sure			
7	Sycamore	Platanus	35	Good	Crack in trunk	Save			
	-	occidentalis							
8	Beech	Fagus grandifolia	32	Fair	V-fork, root & top damage	Save			
9	Yellow	Liriodendron	42	Fair	Branching, included bark,	Save			
	Poplar	tulipifera			decay				
10	Yellow	Liriodendron	39	Fair	Root & top damage,	Save			
11	Poplar	tulipifera		D	branching, deadwood	0			
11	Yellow Poplar	Liriodendron	41	Poor	Girdling root, branching, top damage, decay, hollow	Save			
12	-	tulipifera Ouereus faloata	36	Foir		Save			
12	Southern Red Oak	Quercus falcata	50	Fair	Top damage, dieback, pruning	Save			
13	Southern	Quercus falcata	37	Fair	Trunk crack, dieback,	Save			
	Red Oak	2 cas jarcana	5,	1 444	branching				
14	Yellow	Liriodendron	37	Poor	Decay, hollow, top damage	Save			
	Poplar	tulipifera							
15	Yellow	Liriodendron	39	Good	Top damage, v-fork	Save			
	Poplar	tulipifera							
16	Southern	Quercus falcata	31	Poor	Root, trunk & top damage,	Save			
1 -	Red Oak	0 61	20	<u> </u>	dieback, decay				
17	Southern	Quercus falcata	39	Good	Top damage	Save			
18	Red Oak Yellow	Liriodendron	33	Fair	Root & top damage, dieback	Save			
10		tulipifera	33	Fall	Koot & top damage, dieback	Save			
19	Poplar Yellow	Liriodendron	31	Excellent		Save	+		
19		tulipifera	51	Excellent		Save			
20	Poplar Yellow	Liriodendron	36	Fair	Root damage, branching,	Save			
20		tulipifera	50	Fall	cavity	Save			
21	Poplar Yellow	Liriodendron	36	Poor	Decay (extensive), top	Save			
21		tulipifera	50	FOOI	damage, dieback, branching	Save			
22	Poplar	Liriodendron	34	Fair	Root & top damage, cavity,	Save			
22	Yellow Poplar	tulipifera	54	1 all	decay	Save			
23	Southern	Quercus falcata	35	Excellent		Save			
25	Red Oak	Quercus fuicula	55	Laconom		Save			
24	White Oak	Quercus alba	37	Poor	V-fork (one dead), decay,	Save			
		~			cavity, root & top damage				
25	Yellow	Liriodendron	31	Good	T op damage	Save			
	Poplar	tulipifera		·					
26	Yellow	Liriodendron	36	Fair	Girdling root, top damage,	Save			
27	Poplar Yellow	tulipifera	24	P.1.	branching, decay	Carro			
27	Y ellow Poplar	Liriodendron tulipifera	34	Fair	Top damage, dieback, branching, swollen areas	Save			
28	Yellow	Liriodendron	34	Fair	Top damage, decay, dieback,	Save			
20	Poplar	tulipifera	54	1 all	branching, pruning	Save			
29	Yellow	Liriodendron	39	Poor	V-fork, decay, dieback, cavity,	Save			
	Poplar	tulipifera			branching, top damage				
30	Yellow	Liriodendron	33	Good	Top damage, branching	Save			
	Poplar	tulipifera							
31	Yellow	Liriodendron	36	Good	Top damage, branching	Save			
2.5	Poplar	tulipifera		T					
32	Yellow	Liriodendron	31	Poor	Top damage, decay, cavity,	Save			
33	Poplar Yellow	tulipifera Liriodendron	36	Poor	branching Root damage, trunk	Save			
33	Y ellow Poplar	Liriodendron tulipifera	30	POOT	mechanical damage, decay,	Save			
	ropiai	unpyera			cavity, dieback, branching				
34	Yellow	Liriodendron	37	Poor	Root damage, dieback, vines	Save			
	Poplar	tulipifera	5,	1 001					
35	Yellow	Liriodendron	33	Fair	Top damage, pruning	Save			
	Poplar	tulipifera							
	White Oak	Quercus alba	42	Excellent		Save			

FOREST STAND DELINEATION NARRATIVE

The forest on this site is generally mature at the eastern end of the site and progressively becoming young as you progress to the western end of the site. There are a couple of areas around the existing structures that are fragmented and less than 10,000 square feet in size and thus are not classified as forest. The yard areas associated with the structures have begun to regenerate up but are not yet classified as forest. Extensive vine growth, apparently Wisteria, was observed in these yard areas and extending into portions of Stand A.

Stand A

This stand is dominated by Yellow Poplar that average 20 to 30 inches diameter at breast height (DBH). Other species of significance we generally not found in this area although scattered Beech, Southern Red Oak, White Oak and Sycamore were observed. The estimate basal area is 170 to 200 square feet per acre and it is estimated that there are 240 to 300 trees per acre. Understory species observed were generally limited to Pawpaw, Beech, Sweetgum and Red Maple while the herbaceous species were generally not apparent due to the winter season. Extensive areas of vines were observed around the open edges of this stand including Japanese Honeysuckle and Wisteria which prevalent on the forest floor and has grown into the canopy affecting the growth of many of the larger trees. There is no evidence of a past harvest, insect problems or disease problems. It should be noted that dumping previously occurred in the vicinity of Specimen Tree #5.

Stand B

This stand is dominated by Beech, Red Oak and White Oak that average 12 to 18 inches diameter at breast height (DBH). Other species of significance include Yellow Poplar, Sweetgum and Red Maple. The estimate basal area is 100 to 130 square feet per acre and it is estimated that there are 300 to 350 trees per acre. Understory species observed were generally limited to Beech, Sweetgum and Red Maple while herbaceous species were generally lacking due to the season. Invasive species were not observed in this stand. There are no apparent insect or disease problems and there is no evidence of a past harvest.

This stand is dominated by Yellow Poplar that average 6 to 12 inches diameter at breast height (DBH) while other species of significance include Beech, Southern Red Oak, White Oak, Hickory, Red Maple and Sweetgum. The estimate basal area is 90 to 120 square feet per acre and it is estimated that there are 300 to 350 trees per acre. Understory species observed were generally limited to Pawpaw, Beech, Sweetgum and Red Maple while the herbaceous species was generally lacking due to the season. Invasive species were not observed in this stand. There are no apparent insect or disease problems and there is no evidence of a past harvest

Stand D

This stand is dominated by Red Maple, Ash, Sycamore and Sweetgum that average 4 to 12 inches diameter at breast height (DBH). Other species of significance include Hombeam, River Birch and Yellow Poplar. The estimate basal area is 70 to 100 square feet per acre and it is estimated that there are 400 to 450 trees per acre. Understory species observed included Spicebush, Pawpaw, Red Maple, Sweetgum and Sycamore while the herbaceous species was generally lacking due to the season. It should be noted that there were areas of assorted grasses in the herbaceous layer. Invasive species were not observed in this stand. There are no apparent insect or disease problems and there is no evidence of a past harvest. This area is located within the 100-year floodplain and includes some areas that are considered to be wetlands.

The existing water line has begun to regenerate with Yellow Poplar and Sweet Gum with some areas with in excess of 800 trees per acre.

QUALIFIED PROFESSIONAL CERTIFICATION THIS PLAN COMPLIES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 AND THE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL.

Manorik DATE: 3/2/2017 SIGNED: JOHN P. MARKOVICH JM FORESTRY SERVICES, LLC 11552 TIMBERBROOK DRIVE WALDORF, MD 20601 PHONE: 301-645-4977 jpmarkovich@comcast.net

NOTE: NATURAL REGENERATION IS PRESENT, YELLOW POPLAR, WHITE OAK, SOUTHERN RED OAK, SWEETGUM AND RED MAPLE IN EXCESS OF 1,000 SEEDLINGS PER ACRE OR MORE BASED ON DEC. 2016 SITE VISIT

AFFORESTATION AREA						Acreage	1.41	Upland Planti	n gs		M	-NCPPC	
Species			Large Caliper Planting Stock			Reforestation		Percent of				County Planning De	epartme
Botanical Name	Common Name	Caliper	Height	Credits/Unit	Туре	Quantity	Credits	Stocking				ental Planning Secti	
Liriodendron tulipifera	Tulip Poplar	Seedling		1	Seedling	280	280	19.8%			AF	PPROVAL	
Quercus rubra	Northern Red Oak	Seedling		1	Secting	280	280	19.8%			TREE CON	NSERVATION PLA	AN
A cer rubrum	Red Maple	Seedling		1	Seedling	270	270	19.1%			ТС	CP2-003-11	
Liquidambar styraciflua 'Rotundiloba'	Sweetgum (seedless)	Seedling		1	Seedling	270	270	19.1%			Approved by		Т
Cercis canadensis	Eastern Redbud	Seedling	/	1	Seedling	210	210	14.8%					
Ilex opaca (M)	American Holly (male)	Seedling		1	Seedling	30	30	2.1%			KIM FINCH	,	
Ilex opaca (F)	American Holly (female)	Seedling		1	Seedling	75	75	5.3%		01	Kim A.	Finch	
				0			0	0.0%	100.0%	02			
Note: If these species are unavailable				Reforest	ation Units	s Provided	1,415				+		
Sycamore, Scarlet Oak and Black Gum	L		,	Total Reforest	ation Units	s Required	1,410			03			
						Excess	5			04			
										05	1	,	



