

Note: All area data is given in acres.

PERMANENT (SPLIT RAIL) TREE PROTECTION FENCE NOTE

SPECIMEN TREE TABLE						
Tree #	Common Name	Latin Name	DBH (in)	Condition Rating	Comments	Disposition
1	Yellow Poplar	<i>Liriodendron tulipifera</i>	34	Fair (78)	Root & top damage, decay, poor branching; dieback	To be removed
2	White Oak	<i>Quercus alba</i>	37	Good (84)	Trunk & top damage, decay, dieback	To be removed
3	Yellow Poplar	<i>Liriodendron tulipifera</i>	36	Excellent (91)	Top damage, decay, dieback, poor distribution	To be removed
4	Willow Oak	<i>Quercus phellos</i>	34	Excellent (91)	Top damage, decay, dieback, needs pruning	To be removed
5	White Oak	<i>Quercus alba</i>	35	Excellent (91)	Top damage, decay, dieback, needs pruning	To be removed
6	Southern Red Oak	<i>Quercus falcata</i>	35	Fair (78)	Trunk & top damage, decay, dieback, needs pruning	To be retained, not removed
7	White Oak	<i>Quercus alba</i>	36	Good (84)	Trunk & top damage, decay, dieback, needs pruning	To be removed
8	Yellow Poplar	<i>Liriodendron tulipifera</i>	31	Excellent (91)	Top damage, decay, dieback, needs pruning	To be removed
9	White Oak	<i>Quercus alba</i>	35	Fair (78)	Root, trunk & top damage, decay, dieback, needs pruning	To be removed
10	Southern Red Oak	<i>Quercus falcata</i>	31	Fair (78)	Root, trunk & top damage, decay, dieback, needs pruning	To be removed
11*	White Oak	<i>Quercus alba</i>	31	Good (84)	Root & top damage, decay, dieback, needs pruning	To be removed

Natural Resources Inventory Site Statistics Table	
Site Statistics	Total ¹ (acres)
Gross tract area	11.76
Existing 100-year floodplain	1.02
Net tract area	10.74
Existing woodland in the floodplain	1.02
Existing woodland net tract	7.51
Existing woodland total	8.53
Existing PMA	1.58
Regulated streams (linear feet of centerline)	328 LF
Riparian (wooded) buffer up to 300 feet	4.00

Figures are to be provided in acres rounded to the nearest 1/100th of an acre unless otherwise indicated.

Acreage of the onsite woodland up to 300 feet measured from the stream centerline or from the top of bank on both sides of all regulated streams.

Trees denoted with an asterisk () are located off-site but within 100-foot of the property boundary.

SIGNED:  DATE: 8/14/2023

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Owner or Owners Representative

[Signature] 11/1/21
Date

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

SHEET NUMBER: 1 of 3

1. THIS PLAN IS SUBMITTED PERMITTING 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 \$300 PER SQUARE FOOT MINIMUM FINE.
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 ENVIRONMENTAL 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 THIS PLAN AT TIME OF CONTRACT SIGNATURE. THIS PLAN IS SUBJECT TO THE APPROVED LAYOUT.
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 R-55.
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 GRANDFATHERED.
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 THE CANOPY TREES AND UNDERSTORY VEGETATION. A REVISED TREE CONSERVATION PLAN IS REQUIRED PRIOR TO CLEARING WOODLAND AREAS THAT ARE NOT IDENTICALLY IDENTICAL TO THE APPROVED COPY.
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 APPROVAL OF 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 THE BOND IS RELEASED FOR THE PROJECT. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE DEVICES IS A VIOLATION OF THIS PLAN.
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 PERPETUITY.
15. THE DEVELOPER AND/OR BUILDER IS RESPONSIBLE FOR THE COMPLETE PRESERVATION OF ALL FORESTED AREAS SHOWN ON THE APPROVED PLAN TO REMAIN UNLESS AND UNLESS ONLY TREES OR PARTS THEREOF 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 POTENTIAL TO FALL AND STRIKE A PERSON, 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, THE PERMITTEE SHALL REMOVE SAID TREES USING A CHAIN SAW. CORRECTIVE MEASURES REQUIRING THE REMOVAL OF THE HAZARDOUS TREE OR PORTIONS THEREOF SHALL REQUIRE THE PROPERTY OWNER TO OBTAIN COUNTY INSPECTOR APPROVAL. ONLY AFTER APPROVAL BY THE INSPECTOR MAY THE TREE BE CUT BY CHAINSAW TO NEAR THE EXISTING GROUND.
18. THE STUMP SHALL NOT BE REMOVED OR COVERED WITH SOIL, MULCH OR OTHER MATERIALS THAT WOULD INHIBIT SPROUTING.
19. 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 PERMITTEE, PRIOR TO 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, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. IF THE TREE OR PORTION OF THE TREE IS 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 PERMITTEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOGRAPHS MUST BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE ACTION BEING TAKEN.
20. IF CORRECTIVE PRUNING MAY ALLEVIATE A HAZARDOUS CONDITION, THE CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MAY PROCEED WITHOUT FURTHER AUTHORIZATION. THE PRUNING MUST BE 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 DOCUMENTATION OF THE DAMAGE.
21. 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 ACCEPTABLE METHODS. ALL DEBRIS THAT IS MORE THAN 35 FEET FROM THE WOODLAND EDGE SHALL BE CUT UP TO 6" IN LENGTH AND CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THE SMALLER MATERIALS SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.
22. TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES. 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.

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. THE PLANTING OF AFFORESTATION OR REFORESTATION AREAS SHALL BE COMPLETED PRIOR TO THE ISSUANCE OF THE FENCING CLEARANCE PERMIT. PLANTING SHALL BE LIMITED TO MODIFIED OR EXISTING PLANTING AREAS WHICH BUILDING PERMITS ARE ADJACENT TO THE PROPOSED PLANTING AREA | 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 ANY PLANTING CANNOT BE DONE AT THE PROPOSED DATE DUE TO ADVERSE WEATHER OR PROPRY OWNER DELAY, THE FENCING AND SIGNAGE IN PROTECTION OF THE APPROVED TREE FREE CLEARANCE PLANTING SHALL REMAIN INSTALLED. THEY 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 THE REFORESTATION WILL BE COMPLETED 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 MOVED. 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 PROTECTION FENCING SHALL BE CAUSE FOR THE CANCELLATION OF THE PLANTING OF THE AFFORESTATION.

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. THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTING ON THIS SITE.

G. AT THE TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORMATION SHALL BE SUBMITTED TO THE M-NOPPC PLANNING DEPARTMENT REGARDING THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN: CONTRACTOR NAME; BUSINESS NAME (IF DIFFERENT); ADDRESS; AND PHONE NUMBER.

H. RESULTS OF ANNUAL SURVIVAL CHECKS FOR EACH OF THE REQUIRED FOUR YEARS AFTER TREE PLANTING SHALL BE REPORTED TO THE M-NOPPC PLANNING DEPARTMENT.

I. FAILURE TO ESTABLISH THE 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.

1. REFORESTATION FENCING AND SIGNAGE SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN.
2. REFORESTATION AREAS SHALL NOT BE MOWED; HOWEVER, THE MANAGEMENT OF COMPETING VEGETATION AND REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION AROUND INDIVIDUAL TREES IS ACCEPTABLE.

1. 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 TREE CARE SPECIALIST (C.A.S.) THAT THE TREE OR PORTION OF THE TREE IS DEAD OR DETERMINED TO BE DEAD BY HAVING THE WORK CONDUCTED. AFTER PROPER DOCUMENTATION HAS BEEN COMPLETED PER THE HANDOUT "GUIDANCE FOR PRINCIPAL 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 OF THE TREE OR PORTION THEREOF SHALL BE DOCUMENTED BY THE C.A.S. AND THE PHOTOGRAPH TAKEN.
2. 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 PERMITTEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE TREE OR PORTIONS THEREOF SHALL BE FULLY DOCUMENTED AND THE CORRECTIVE ACTION BEING TAKEN, THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.
3. 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 SHOWING WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A T2P. THE WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE INSPECTOR.
4. THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND
5. PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAINSAW). THESE PLANTS SHALL BE NEARLY COMPLETELY REMOVED FROM THE WOODLAND. THE REMOVAL OF PLANTS GREATER THAN 2 INCHES DIAMETER 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, THIS ENCOURAGING DECOMPOSITION.
6. THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE GROWTH OF INVASIVE SPECIES IS PERMITTED. THE HERBICIDES SHALL BE APPLIED TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS.
7. 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.

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.
4. PLANTS THAT DO NOT HAVE AN ABUNDANCE OF WELL DEVELOPED TERMINAL BUDS ON THE LEADERS AND BRANCHES SHALL BE REJECTED.
5. 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.
6. 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, COFING, OR OTHER SUITABLE MATERIAL AND SHALL BE MAINTAINED THROUGH PERIODIC WATERING, UNTIL THE TIME OF PLANTING.
7. 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.
8. 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 ISLANDS OF GRADING.
9. BUILDING PERMITS AND/OR REACHING THE FINAL GRADES AND STABILIZATION OF PLANTING AREAS.
10. SEEDLING PLANTING: TREE SEEDLINGS SHALL BE HAND PLANTED USING A DIGG 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 BE PLANT TWISTED, BALLED UP OR BENT. MOST 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.
11. 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.
12. 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.
13. SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.
14. 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.
15. PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN.
16. MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MULCH (AS NOTED) TO EACH PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN).
17. GROUND COVER ESTABLISHMENT: THE REMAINING DISTURBED AREA BETWEEN SEEDLING PLANTING SITES SHALL BE SEEDED AND STABILIZED WITH WHITE CLOVER SEED AT THE RATE OF 5 LBS/ACRE.
18. MOWING: NO MOWING SHALL BE ALLOWED IN ANY PLANTING AREA.

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 MIN.)

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.)

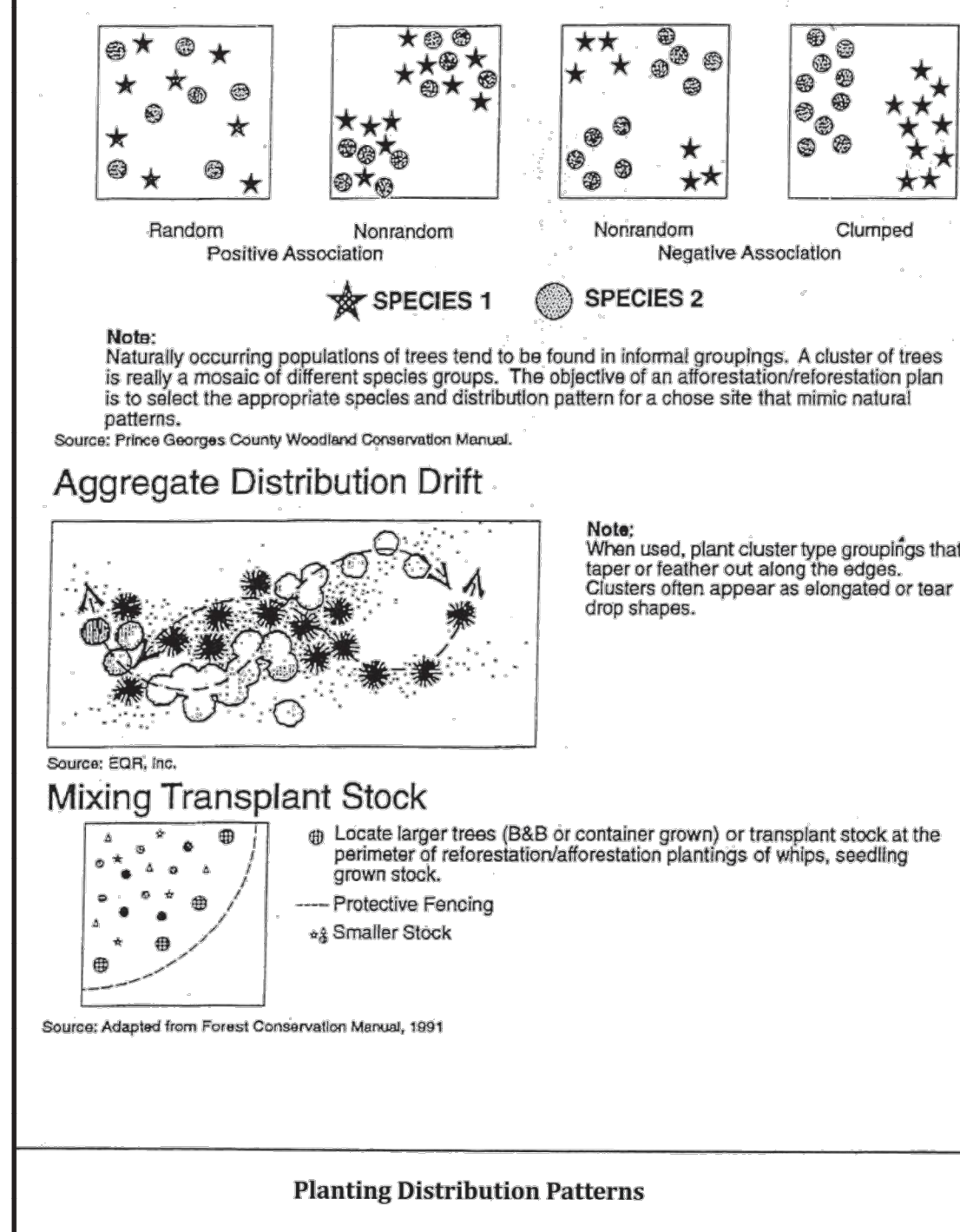
YEAR 4: REINFORCEMENT PLANTING IF NEEDED. (SEE NOTE 2) SURVIVAL CHECK (SEPTEMBER -NOVEMBER)

1. 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 1 THROUGH 3 WILL BE DONE ON AN AS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATIONS WILL BE CONDUCTED ON AN AS NEEDED BASIS.

Woodland Conservation Worksheet for Prince George's County			
Zone:	R-55		
Gross Tract:	11.76		
Floodplain:	1.02		
Previously Designated Land:	0.00		
Net Tract (NTA):	10.74	0.00	0.00
*Include acreage in the corresponding columns for each zone.			
Property Description or Subdivision Name:	TCPI/40/06-01 Goodman Heights		
Is this site subject to the 1989 Ordinance?	N		
Reforestation Requirement Reduction Questions			
Is this one (1) single family lot? (y/n)	N		
Are there prior TCP approvals which include a combination this lot and/or other lots. (y/n)	Y		
Is this a Mitigation Bank	N		
Break-even Point (preservation)=	3.22	acres	
Clearing permitted w/o reforestation=	4.29	acres	
Woodland Conservation Calculations:	Net Tract (acres)	Floodplain (acres)	Off-site (Impacts) (acres)
Existing Woodland	7.51	1.02	
Woodland Conservation Threshold (NTA) =	20.00%	2.15	
Smaller of a or b		2.15	
Woodland above WCT		5.36	
Woodland cleared		5.63	0.04
Smaller of d or e		5.63	0.00
Clearing above WCT (0.25 : 1) replacement requirement		1.34	
Clearing below WCT (2:1 replacement requirement)		0.27	
Afforestation Threshold (AFET) =	15.00%	0.00	
Off-site Mitigation being provided on this property		0.00	
Woodland Conservation Required		3.80	
Woodland Conservation Provided:	(acres)		
Woodland Preservation	1.84		
Afforestation / Reforestation	0.43		
Area approved for fee-in-lieu	0.00		
Credits for Off-site Mitigation on another property	1.53		
Off-site Mitigation being provided on this property	0.00		
Total Woodland Conservation Provided	3.80		

Prepared by: J. M. Long 8/14/2023
Signed Date
Revised 9/1/04

Revised 9/1/04



Prince George's County Planning Department

Appendix A-53



	Jan*	Feb*	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov*	Dec*
Transplant of 2" DBH or Greater	Recommended, Optimal time						Recommended with Additional Care					
Planting Seedlings, Whips	Recommended						Dependent Upon Site Conditions					
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"

Notes:

- Activities during November through February depend on ground conditions.
- No fall planting of oaks and pines.
- 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 First Conservation Manual, 1991

Tree Planting and Maintenance Calendar

Appendix A-54

Environmental Technical Manual

THE FOLLOWING REFORESTATION / AFFORESTATION TABLES CONTAIN LARGE STOCK PLANTS. IT IS THE INTENT OF THIS PLAN TO TAKE CREDIT FOR THESE PLANTS AS AFFORESTATION / REFORESTATION PLANTING.

AFFORESTATION / REFORESTATION PLANTING LIST													
QUANTITIES BY AREA								TOTAL	SYMB.	SCIENTIFIC/ COMMON NAME	SIZE	ROOT	REMARKS
AREA A	AREA B	AREA C	AREA D	AREA E	AREA F	AREA G							
270	80	80	*	*	*	*	*	430		SEEDLINGS REQUIRED (1000/AC.)			
15	*	8	7	*	*	*	*	30	AR	Acer rubrum Red Maple	2.5' - 3' CAL (5 WHIP EQUIVALENT EA)	B & B	FULL CROWN PLANT AS SHOWN
*	*	*	*	*	*	*	*	*	LS	Liquidambar styraciflua American Sweetgum			
15	7	8	*	*	*	*	*	30	NS	Nyssa sylvatica Black Gum			
15	*	*	*	*	*	*	*	15	LT	Liriodendron tulipifera Yellow Poplar	1.5' - 2' CAL (3 WHIP EQUIVALENT EA)	B & B	FULL CROWN PLANT AS SHOWN
8	2	*	*	*	*	*	*	10	AA	Amelanchier arborea Serviceberry			
*	*	*	*	*	*	*	*		QF	Quercus falcata Southern Red Oak			
7	*	2	*	*	*	*	*	9	IO	Ilex opaca American Holly	6'-8' HEIGHT (3 SEEDLING EQUIVALENT EA)	B & B	FULL CROWN PLANT AS SHOWN
*	*	*	*	*	*	*	*		PR	Picea rubens Red Spruce			
*	*	*	*	*	*	*	*		PT	Pinus taeda Loblolly Pine			
*	*	*	*	*	*	*	*		IL	Ilex laevigata Winterberry	18"-24" HEIGHT	B & B	PLANT AS SHOWN
*	*	*	*	*	*	*	*		KL	Kalmia latifolia Mountain Laurel			
*	*	*	*	*	*	*	*		VD	Viburnum dentatum Southern Arrowwood Viburnum			
*	*	*	*	*	*	*	*		VP	Viburnum prunifolium Blackhaw Viburnum			
*	*	*	*	*	*	*	*	94		TOTAL AFFORESTATION/REFORESTATION TREES PROVIDED = 94			
270	81	81	*	*	*	*	*	432		TOTAL WHIP EQUIVALENT PROVIDED = 432			

* NOTE: THE PLANTINGS PROPOSED FOR THE REFORESTATION AREAS (A, B & C) HAVE BEEN CALCULATED AS PER PRINCE GEORGE'S COUNTY ENVIRONMENTAL TECHNICAL MANUAL. PLANTING PROVIDED IS EQUIVALENT TO 1,000 SEEDLINGS PER ACRE. (700 WHIPS PER ACRE (MIN) REQUIRED + 30% (ADDED FOR ANTICIPATED 25% SECOND SEASON LOSS EXPECTATION) TO ACHIEVE THE 700 PER ACRE MINIMUM.

<p>QUALIFIED PROFESSIONAL CERTIFICATION</p> <p>THIS PLAN COMPLIES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 AND THE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL.</p> <p><i>Jonathan M. Jolley</i></p> <p>SIGNED: _____ DATE: 8/14/2023</p> <p> JOHATHAN M. JOLLEY, P.E. COLLIERS ENGINEERING & DESIGN 22375 BRODERICK DRIVE SUITE 110 STERLING, VA 20166 703.430.4330 JOHATHAN.JOLLEY@COLLIERSENGINEERING.COM </p>	
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<p style="text-align: center;">M-NCPPC Prince George's County Planning Department Environmental Planning Section APPROVAL TREE CONSERVATION PLAN TCF II-032-07</p>		
<p>Approved by</p>		<p>Date</p>
	<p>L. Shirley</p>	<p>09/27/07</p>
01	Pending	
02	<i>Mary Raa</i>	
03		9/17/2023
04		
05		

WOODLANDS PRESERVED, PLANTED, OR REGENERATED IN FULFILLMENT OF ON-SITE WOODLAND CONSERVATION REQUIREMENTS HAVE BEEN PLACED IN A WOODLAND AND WILDLIFE HABITAT CONSERVATION EASEMENT RECORDED IN THE PRINCE GEORGE'S COUNTY LAND RECORDS AT LIBER _____ FOLIO _____ REVISIONS TO THIS TCF2 MAY REQUIRE A REVISION TO THE RECORDING EASEMENT.

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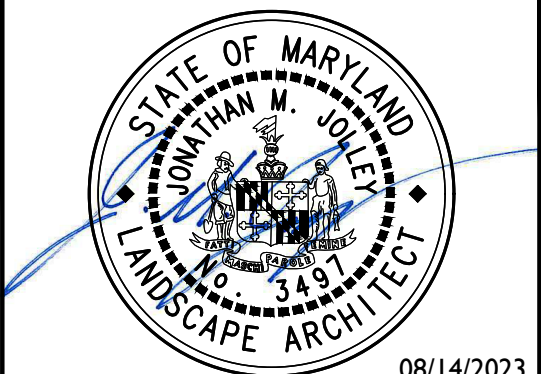
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[illegible][illegible]

JONATHAN JOLLEY
MARYLAND LICENSED
LANDSCAPE ARCHITECT - LICENSE NUMBER: 3497


PROFESSIONAL CERTIFICATION: 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. 3497 EXPIRATION DATE: 9-30-20.

TREE CONSERVATION
PLAN TYPE II
(TCPIL-032-07-01)

GOODMAN HEIGHTS
LOTS 4 - 31
PARCELS A AND B
OUTLOTS 1, 2 AND 3

TAX MAP 44, GRID D4
PARCELS 159 AND 274
AND OUTLOT A

20th ELECTION DISTRICT
PRINCE GEORGE'S COUNTY
MARYLAND

		STERLING OFFICE 22375 Broderick Drive Suite 110 Sterling, VA 20166 Phone: 703.430.4330 Fax: 703.430.4339	
		SCALE: AS SHOWN	
		DATE: 11/29/2002	
		DRAWN BY: JWC	
CHECKED BY: JMJ		PROJECT NUMBER: 17001084A	
DRAWING NAME: C-TCP2-01-03		SHEET TITLE: <h2 style="text-align: center;">NOTES, DETAILS AND SCHEDULES</h2>	
SHEET NUMBER: <h1 style="text-align: center;">3 of 3</h1>			