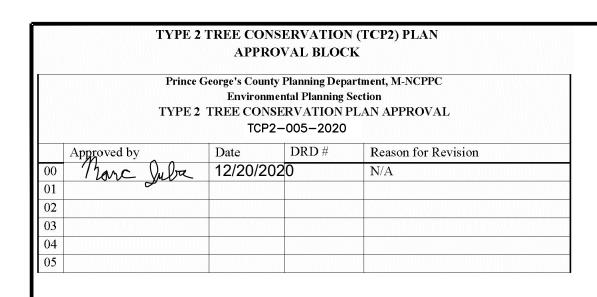
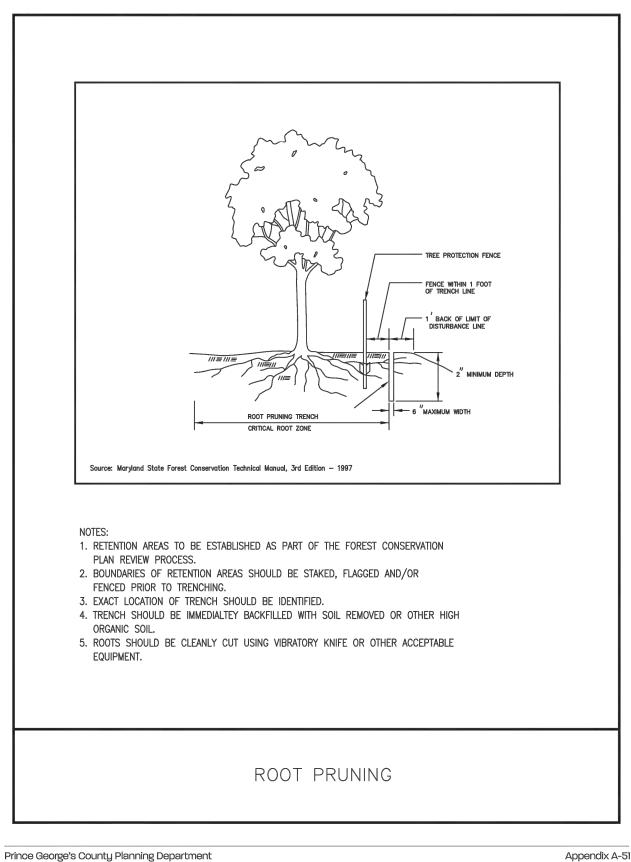
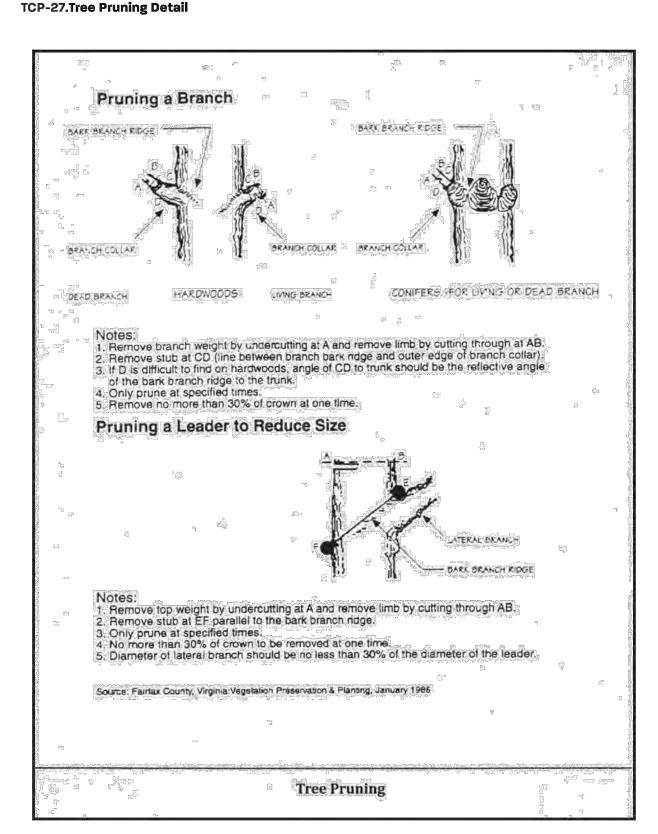


LAYER CATEGORY	LAYER NAME	VALUE			
ZONE	ZONING (ZONE)	R-R			
ZONE	AVIATION POLICY AREA (APA)1	N/A			
ADMINISTRATIVE	TAX GRID (TMG)	29-F4, 30-A4			
ADMINISTRATIVE	WSSC GRID (SHEET 20)	210NE13			
ADMINISTRATIVE	PLANNING AREA (PLAN AREA)	71B			
ADMINISTRATIVE	ELECTION DISTRICT (ED)	14			
ADMINISTRATIVE	COUNCILMANIC DISTRICT (CD)	4			
ADMINISTRATIVE	GENERAL PLAN 2002 TIER (TIER)	DEVELOPING			
1 IF THE SITE IS WITHIN AN APA, ENTER THE NAME OF THE AIRPORT. IF THE SITE IS NOT WITHIN AN APA, ENTER "N/A"					

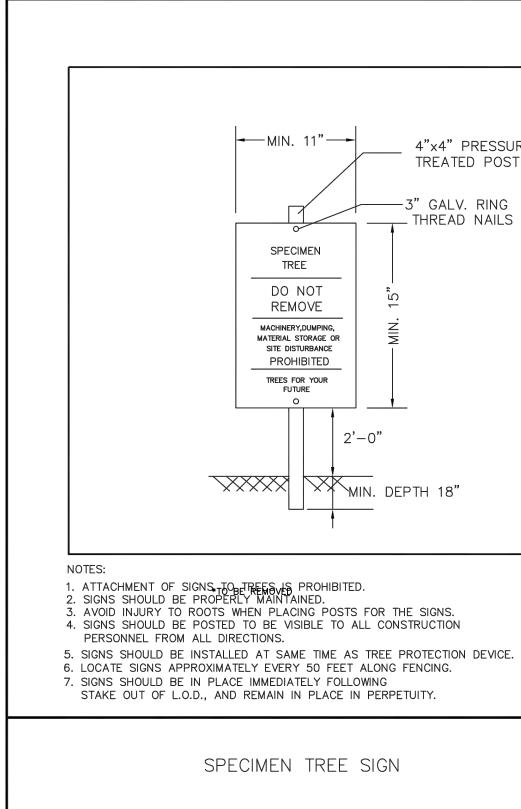


TCP-26.Root Pruning Detail



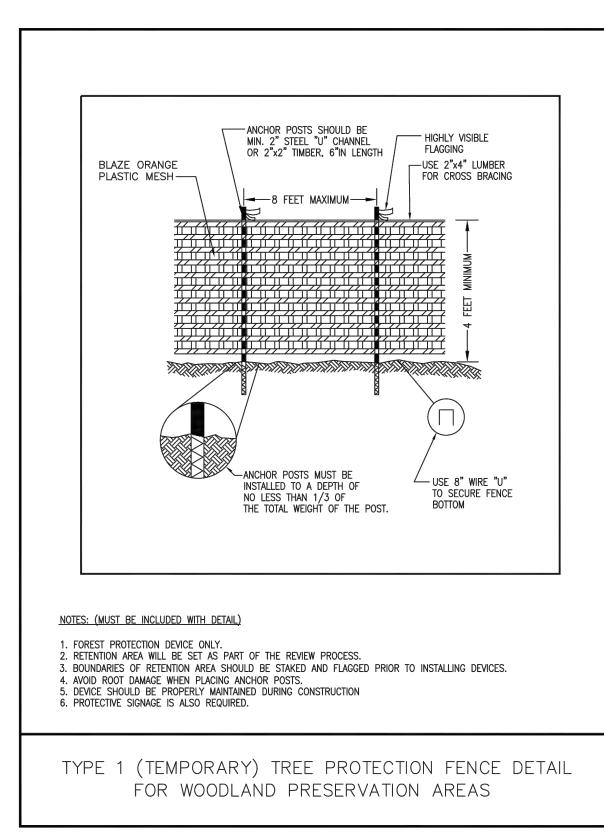


TCP-19.Specimen Tree Sign



Appendix A-44

TCP-20.Type 1 (Temporary) Tree Protection Fence Detail for Woodland Preservation Areas



Prince George's County Planning Department

TREE CONSERVATION PLAN NOTES

GENERAL NOTES

1. THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR A GRADING PERMIT. IF THIS GRADING PERMIT EXPIRES, THEN THIS TCP2 ALSO EXPIRES AND IS NO LONGER VALID.

- A \$9.00 PER SQUARE FOOT MITIGATION FEE.
- DISCUSSED IN DETAIL.

- 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 & RETENTION NOTES
- CLEARED ON THE APPROVED TCP2.

- REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS

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

- POST DEVELOPMENT NOTES

- DECOMPOSITION.
- ACCORDANCE WITH THE LABEL INSTRUCTIONS.

SPECIMEN TREE SURVEY RESULTS

						-
TREE NUMBER	DBH, IN	ABBREVIATION	LATIN NAME	COMMON NAME	CONDITION	NOTES
TR-16*	30.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	POOR	VINES
TR-103*	31.5, 21.2	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	POOR	MULTISTEM, V HANGING OVER
TR-1000	38	PST	PINUS STROBUS	EASTERN WHITE PINE	FAIR	MULTISTEM, V
TR-1001	31.5	PST	PINUS STROBUS	EASTERN WHITE PINE	FAIR	DEAD BRANC
TR-1002	31.2	QPH	QUERCUS PHELLOS	WILLOW OAK	GOOD	NEAR OHE, TR

Sianed:

* TO BE REMOVED

QUALIFIED PROFESSIONAL CERTIFICATION

This plan complies with the current requirements of Subtitl and Wildlife Conservation Technical Manual.

> Troland JASON TRABAND 7455 NEW RIDGE ROAD, SUITE T HANOVER, MD 21076 410-694-9401 JTRABAND@BAYLANDINC.COM

4"x4" PRESSURE TREATED POST -3" GALV. RING THREAD NAILS

Appendix A-45

INVASIVE SPECIES MANAGEMENT PLAN

- 1. INVASIVE REMOVAL SHALL CONSIST OF REMOVAL AND TREATMENT OF INVASIVE RUNNING BAMBOO WITHIN THE THE PROJECT LIMIT OF DISTURBANCE AS SHOWN ON PLANS. THE PROVISIONS OF THIS PLAN WERE DEVELOPED IN APRIL 2020.
- 2. ONE STAND OF INVASIVE BAMBOO IS LOCATED WITHIN THE PROJECT LIMITS. 3. THE CONTRACTOR SHALL SUBMIT A BAMBOO TREATMENT PLAN TO THE FORESTRY INSPECTOR PRIOR TO INITIATING TREATMENT. THE
- DESIGNATED AREAS TO REMOVAL RHIZOMATOUS MATERIAL. EXCAVATED FILL AND ANY OTHER ASSOCIATED MATERIAL SHALL BE DISPOSED OF OFF-SITE AT A LOCATION APPROVED BY THE CITY AND SHALL NOT BE SALVAGED FOR RE-USE ON SITE.

- 7. FOR ALL BAMBOO TREATMENTS, THE CONTRACTOR MUST SUBMIT TREATMENT LOGS TO THE CITY. LOGS SHALL AT A MINIMUM INCLUDE AREA TREATED, METHOD OF TREATMENT, DATES TREATED AND WEATHER DURING TREATMENT. IF THE CONTRACTOR ELECTS TO APPLY HERBICIDE. THE TYPE, APPLICATION RATE AND TOTAL AMOUNT OF HERBICIDE USED MUST BE INCLUDED IN THE TREATMENT LOGS. 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF DESIRABLE SPECIES THAT ARE TO REMAIN. ANY NATIVE PLANT
- 9. THE CONTRACTOR SHALL GUARANTEE FOR THE DURATION OF ONE-YEAR 100 PERCENT BAMBOO ERADICATION. THE ONE-YEAR WARRANTY PERIOD SHALL BEGIN AFTER THE DATE OF WRITTEN NOTICE AND MUST INCLUDE A MINIMUM OF ONE GROWING SEASON (APRIL 1 TO SEPTEMBER 30)

- PLAN SHALL MINIMALLY ADDRESS THE ITEMS BELOW. 4. REMOVAL OF THE SPECIFIED BAMBOO GROVE WILL INCLUDE REMOVAL OF ABOVE GROUND PLANT MATERIAL AND EXCAVATION OF THE
- 5. INITIAL REMOVAL WILL NOT REQUIRE HERBICIDAL APPLICATION COMPONENT. IF THE CONTRACTOR ELECTS TO USE HERBICIDE TREATMENT DURING THE ONE-YEAR WARRANTY PERIOD, WRITTEN APPROVAL BY THE CITY FOR USE OF SELECTED HERBICIDES MUST BE OBTAINED PRIOR TO USE. ADDITIONALLY, THE CITY MUST BE NOTIFIED A MINIMUM OF FIVE (5) DAYS PRIOR TO HERBICIDAL APPLICATION. ANY HERBICIDES SHALL BE EPA REGISTERED CHEMICALS THAT ARE APPROVED FOR USE IN FORESTED AREAS AND ADJACENT TO WATERWAYS TO CONTROL AND PREVENT RE-GROWTH OF UNDESIRABLE VEGETATION.
- 6. TREATED AREAS MUST BE IMMEDIATELY STABILIZED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLANS FOR THIS PROJECT.
- MATERIAL THAT IS KILLED OR DAMAGED THROUGH ANY ACT OF NEGLIGENCE BY THE CONTRACTOR IN APPLYING AND HANDLING OF THE HERBICIDE ON THE PROJECT WILL BE REPLACED.

10. MONITORING INSPECTIONS SHALL OCCUR AT A MINIMUM, ONE TIME IN MAY, ONE TIME IN JUNE AND ONE TIME IN AUGUST. ANY REGENERATION OF BAMBOO SHALL BE TREATED WITH AN EFFECTIVE HERBICIDE THAT IS SAFE FOR USE NEAR AQUATIC HABITATS. HERBICIDE APPLICATION SHALL NOT OCCUR UNLESS STEMS HAVE 'LEAFED OUT.'

Environmental Technical Manual

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

3. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PERMITS, INSPECTION AND ENFORCEMENT SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTRUCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE

4. THE DEVELOPER OR BUILDER OF THE LOTS OR PARCELS SHOWN ON THIS PLAN SHALL NOTIFY FUTURE BUYERS OF ANY WOODLAND CONSERVATION AREAS THROUGH THE PROVISION OF A COPY OF THIS PLAN AT TIME OF CONTRACT SIGNING. FUTURE PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT.

5. THE CITY OF BOWE IS SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.

6. THE PROPERTY IS WITHIN THE DEVELOPING TIER AND IS ZONED R-R (RURAL RESIDENTIAL).

10. ALL WOODLANDS OUTSIDE OF THE LIMITS OF DISTURBANCE 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 SPECIFICALLY IDENTIFIED TO BE

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 (TPF) 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 TPF 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 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 FOR THE DURATION OF THE PROJECT. SIGNS SHALL BE REMOVED ONLY WITH APPROVAL BY THE COUNTY FORESTRY INSPECTOR.

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 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 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, THE PERMITEE SHALL REMOVE SAID TREES USING A CHAIN SAW. CORRECTIVE MEASURES REQUIRING THE REMOVAL OF THE HAZARDOUS TREE OR PORTIONS THEREOF SHALL REQUIRE AUTHORIZATION BY THE COUNTY INSPECTOR. ONLY AFTER APPROVAL BY THE INSPECTOR MAY THE TREE BE CUT BY CHAINSAW TO NEAR THE EXISTING GROUND PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT LEVEL. THE STUMP SHALL NOT BE REMOVED OR COVERED WITH SOIL, MULCH 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 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 A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.

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.

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 ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.

TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT

WHEN INVASIVE PLANT SPECIES ARE TO BE REMOVED BY THE PERMITTEE

19. INVASIVE PLANT REMOVAL SHALL BE COMPLETED AS PART OF THE CLEARING GRUBBING AND CONFORM TO THE RECOMMENDATIONS OF THE INVASIVE PLANT REMOVAL PLAN SHOWN ON THE PLAN PREPARED BY BAYLAND CONSULTANTS & DESIGNERS, INC. DATED APRIL 2020.

20. 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 MAY BE CUT 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, AND NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.

21. THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE RE-SPROUTING OF INVASIVE, NOXIOUS, OR NON-NATIVE PLANTS IS PERMITTED IF DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS AND BE APPLIED BY A CERTIFIED PESTICIDE APPLICATOR.

WHEN WOODLANDS AND/OR SPECIMEN, HISTORIC OR CHAMPION TREES ARE TO REMAIN:

22. IF THE DEVELOPER OR BUILDER NO LONGER HAS AN INTEREST IN THE PROPERTY AND THE NEW OWNER DESIRES TO REMOVE A HAZARDOUS TREE OR PORTION THEREOF. THE NEW OWNER SHALL OBTAIN A WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR LICENSED TREE EXPERT IDENTIFYING THE HAZARDOUS CONDITION AND THE PROPOSED CORRECTIVE MEASURES PRIOR TO HAVING THE WORK CONDUCTED. AFTER PROPER DOCUMENTATION HAS BEEN COMPLETED PER THE HANDOUT "GUIDANCE FOR PRINCE GEORGE'S COUNTY PROPERTY OWNERS, PRESERVATION OF WOODLAND CONSERVATION AREAS", THE ARBORIST OR TREE EXPERT MAY THEN REMOVE THE TREE. THE STUMP SHALL BE CUT AS CLOSE TO THE GROUND AS POSSIBLE AND LEFT IN PLACE. THE REMOVAL OR GRINDING OF THE STUMPS IN THE WOODLAND CONSERVATION AREA IS NOT PERMITTED.

IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE. TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

23. THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAINSAW). THESE PLANTS MAY BE CUT NEAR THE GROUND AND MATERIAL LESS THAN TWO INCHES DIAMETER MAY BE REMOVED FROM THE AREA AND DISPOSED OF APPROPRIATELY. ALL MATERIAL FROM THESE NOXIOUS, INVASIVE, AND NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING

24. THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE RE-SPROUTING OF INVASIVE, NOXIOUS, OR NON-NATIVE PLANTS IS PERMITTED IF DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDE SHALL BE DONE IN

25. 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.

				OWNER/DEVELOPER:		
ESULTS				CITY OF BOWIE 15901 EXCALIBUR ROAD BOWIE, MD 20716		
ION	NOTES			TAX MAP NO: 29	SDP NO:	
र	VINES			PARCEL NO: 0000	ZONED: OPEN SPACE	
	MULTISTEM, VINES,			ELECTION DISTRICT: 14		
`	HANGING OVER STREAM			PROJECT TITLE:		
	MULTISTEM, VINES				ROOK STREAM	
	DEAD BRANCHES				TORATION	
)	NEAR OHE, TRIMMED			DRAWING TITLE: TCP TYPE 2 F	PLANTING DETAILS	
				AND NOTES		
				Baygand	BAYLAND CONSULTANTS & DESIGNERS, INC. 7455 NEW RIDGE ROAD, SUITE T HANOVER, MD 21076 TEL: (410) 694–9401 WWW.BAYLANDINC.COM	
]	PROFESSIONAL CERTIFICATION:		CHECKED BY: SC	
N equirements of Subtitle 25 and the Woodland nual.			I, SEAN CRAWFORD, HEREBY CERTIFY THAT THESE	OF MARL	DESIGNED BY: MKS/JP	
		the Woodland	DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER	LT. P. C. T. C. P. 1	DRAWN BY: MKS	
			UNDER THE LAWS OF THE STATE OF MARYLAND.		PROJECT NO: 3-01	
Do	ote: 12/18/2020		1 1/11/		DATE: 12/18/2020	
			12/18/2020		SCALE: AS SHOWN	
Т			SIGNED DATE	200966	DRAWING NAME:	
			LICENSE NO: 200966 EXPIRATION DATE: 01/16/2021	SONAL EN	SHEET: 3 OF 3	