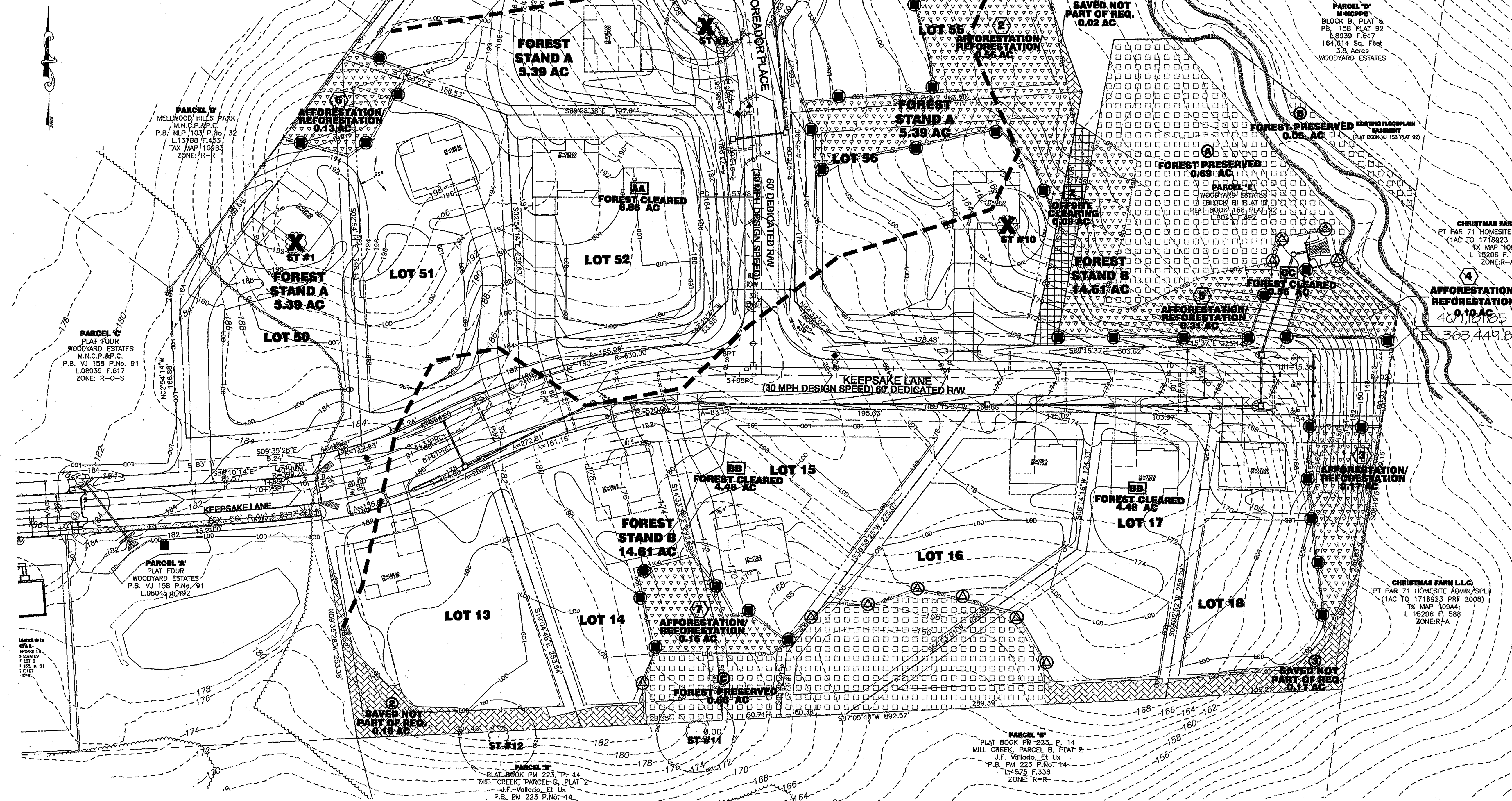


# TCP II LEGEND

	FOREST CLEARED AREA
	OFFSITE RETAINED NOT PART OF REQUIREMENTS
	FOREST CLEARED WITHIN FLOODPLAIN AREA
	AFFORESTATION/REFORESTATION AREA
	FOREST PRESERVED AREA
	CRITICAL ROOT ZONE
	SPECIMEN TREE TO BE SAVED
	SPECIMEN TREE TO BE REMOVED
	FOREST STAND BOUNDARY
	TREE CONSERVATION SIGN
	AFFORESTATION/REFORESTATION SIGN
	TREE PROTECTION DEVICE
	PROPOSED LOT LINE
	PROPOSED ROAD RIGHT-OF-WAY
	PROPOSED PUBLIC UTILITY ESMT
	PROPOSED ON-SITE SEPTIC RECOVERY AREA
	PROPOSED ROAD CENTER LINE
	EXISTING PROPERTY LINES
	EXISTING CONTOURS
	EXISTING 100 YR FLOODPLAIN
	EXISTING STREAM
	EXISTING SEWER LINE
	EXISTING WATER LINE
	EXISTING FLOOD PLAIN EASEMENT



FOREST CLEARED AREA (AC)

AA	6.86
BB	4.48
CC	0.56

TOTAL= 11.90 AC

FOREST PRESERVATION AREA (AC)

A	0.69
B	0.05
C	0.66

TOTAL=1.40 AC

WOODLAND RETAINED NOT PART OF REQUIREMENTS

1	0.23
2	0.18
3	0.17
4	0.02

TOTAL= 0.60 AC

OFFSITE CLEARING AREA (AC)

1	0.10
2	0.09

TOTAL= 0.19 AC

AFFORESTATION/REFORESTATION AREA (AC)

1	0.33
2	0.56
3	0.17
4	0.10
5	0.31
6	0.13
7	0.16

TOTAL= 1.76 AC

SOIL	SOIL SERIES	K FACTOR	HYDROLOGIC GROUP
Bs	Bibb silt loam	0.43	D
MC3	Mar fine sandy loam, 6-12 percent slopes, severely eroded	0.34	B
Sm3	Shawnee fine sandy loam, 2-5 percent slopes	0.28	C/D
Wa2	Westphalia fine sandy loam, 2-5 percent slopes, moderately eroded	0.43	B
Wa2	Westphalia fine sandy loam, 6-12 percent slopes, moderately eroded	0.43	B
Wa3	Westphalia fine sandy loam, 6-12 percent slopes, severely eroded	0.43	B
Wa3	Westphalia fine sandy loam, 12-20 percent slopes, severely eroded	0.43	B
Wa2	Westphalia-Everboro complex, 6-12 percent slopes, moderately eroded	0.43	B

STAND	AREA (acres)	RETENTION POTENTIAL	FOREST STRUCTURE VALUE
A	2.39	Moderate	Good
B	14.61	Moderate to Excellent	Good
Open Land	0.50		
Total	20.50		

\*The "Retention Potential" is based on the location of the stand with respect to streams while the "Forest Structure Value" is based on the existing conditions of the vegetation and potential for use of the site by wildlife as habitat.

Tree #	Common Name	Latin Name	DBH	Condition	Disposition	Comments
1	Beech	Fagus grandifolia	35	Poor	Remove	Decay, hollow, branching, top damage
2	Yellow Poplar	Liriodendron tulipifera	34	Fair	Remove	Top damage
3	Beech	Fagus grandifolia	36	Fair	Remove	Decay
4	Red Maple	Acer rubrum	32	Good	Remove	Decay
5	Beech	Fagus grandifolia	31	Fair	Remove	Decay
6	Yellow Poplar	Liriodendron tulipifera	40	Good	Save	
7	Yellow Poplar	Liriodendron tulipifera	41	Poor	Save	Decay, hollow
8	Yellow Poplar	Liriodendron tulipifera	35	Good	Save	
9	Yellow Poplar	Liriodendron tulipifera	32	Good	Save	
10	Yellow Poplar	Liriodendron tulipifera	30	Fair	Remove	Top damage
11	Yellow Poplar	Liriodendron tulipifera	39	Poor	Save	Decay, hollow, top damage
12	Yellow Poplar	Liriodendron tulipifera	40	Poor	Save	Decay, hollow, branching, top damage

Condition: Good - The tree is in generally good health with no noticeable defects or problems. Fair - The tree is in generally good health but there are noticeable defects that may be signs of future problems with tree health or stability. Poor - The tree has defects that could result in declining health and stability in the immediate future, potentially hazardous conditions.

VICINITY MAP  
Scale: 1" = 2000'  
PG. CD. ADC MAP PAGE #5767 GRID J5  
COPYRIGHT ADC THE MAP PEOPLE  
PERMITTED USE NUMBER 20610187

AREA IN ACRES	
PROPERTY	16.72
FLOODPLAIN	0.29
FOREST	0.29
OUT OF FLOODPLAIN	15.93
TOTAL	16.22

Standard Woodland Conservation Worksheet for Prince George's County Non-governmental Projects				
SECTION I-Establishing Site Information (Enter acres for each zone)				
Zone	RA			
Gross Tract:	6.72			
Floodplain:	0.29			
Previously Dedicated Land:	2.03			
Net Tract (NTA):	14.40	0.00	0.00	
TCP Number				
Property Description or Subdivision Name:				
Is this site subject to the 1988 Ordinance? (y/n)	N			
Is this one (1) single family lot? (y/n)	N			
Are there prior TCP approvals which include a combination of this lots? (y/n)	N			
Is any portion of the property in a WC Bank?	N			
Break-even Point (preservation) =	5.08 acres			
Clearing permitted w/o restoration =	6.62 acres			
SECTION II-Determining Requirements (Enter acres for each corresponding column)				
	Column A	Column B	Column C	Column D
	WCT/AFI %	Net Tract	Floodplain (ft. size)	(1:1) Impacts (1:1)
Existing Woodland		13.80	0.29	
Woodland Conservation Threshold (WCT) =	20.00%	2.88		
Smaller of 13 or 14		2.88		
Woodland above WCT		11.02		
Woodland cleared		11.90	0.00	0.19
Woodland cleared above WCT (smaller of 16 or 17)		11.02		
Clearing above WCT (0.25 : 1) replacement requirement		2.78		
Woodland cleared below WCT		0.88		
Clearing below WCT (2:1 replacement requirement)		1.76		
Afforestation Threshold (AFT) =	15.00%	0.00		
Off-site WCA being provided on this property		0.00		
Woodland Conservation Required		6.71		
SECTION III-Meeting the Requirements				
Woodland Preservation		1.40		
Afforestation / Reforestation		1.76		
Natural Regeneration		0.00		
Specimen/Habitat Tree Credit (CRZ area * 2.0)		0.00		
Forest Enhancement Credit (Area * .25)		0.00		
Area approved for fee-in-lieu/PFA		0.00		\$0.00
Area approved for fee-in-lieu/PFA		0.00		\$0.00
Credits for Off-site Conservation on another property		0.00		
Off-site WCA (preservation) being provided on this property		0.00		
Off-site WCA (afforestation) being provided on this property		0.00		
Total Woodland Conservation Provided		6.71		
Area of woodland not cleared		2.00 acres		
Woodland retained not part of requirements:		0.60 acres		

## SITE DATA

SUBDIVISION NAME	WOODYARD ESTATES - PHASE 5
ZONE	R-R & R-O-S
METHOD OF SEWAGE DISPOSAL	SEPTIC
SEWER CATEGORY	S-6
WATER CATEGORY	W-4
PROPOSED USE OF PROPERTY	SINGLE FAMILY DETACHED HOMES
TITLE INFORMATION	8039/617; 13788/433;
TAX MAP REFERENCE	109-83
HISTORIC RESOURCES	NO HISTORIC RESOURCES FOUND ON SITE
CEMETERIES	NO CEMETERIES FOUND ON SITE
WETLANDS	NO FEATURES FOUND
PLAT	15158092
PLANNING AREA	82A (SUBREGION VI STUDY AREA)
POLICY ANALYSIS ZONE	288C
ELECTION DISTRICT	15
WATERSHED	CHARLES BRANCH
200' MAP REFERENCE	21050E9
TOPOGRAPHY	M-NCPPC / AIR SURVEY
MASTER PLAN AREA	TIPPET & VICINITY
GENERAL PLAN TIER	DEVELOPING
MANDATORY PARK DEDICATION	PARCEL D; L8039 F.617
MARLBORO CLAY	NO MARLBORO CLAY KNOWN TO EXIST ON SITE
FLOODPLAIN	CHARLES BRANCH
SOIL MAP	37
FEMA MAP	245208 0080 C
GROSS AREA	16.72 AC
FLOODPLAIN	0.29 AC
NET AREA	14.40 AC
EXISTING STRUCTURES	NO FEATURES FOUND
STORM WATER MANAGEMENT CONCEPT	#17162-2006-00, APPROVED 08-06-2007

SCALE: 1"=50'

M-NCPPC Prince George's County Planning Department Environmental Planning Section	
APPROVAL TREE CONSERVATION PLAN TCP II/04409	
Approved by	Date
KATINA SHOULARAS	09/02/2010
01	01/23/11
02	
03	
04	
05	

CALL "MISS UTILITY"  
1-800-257-7777  
FOR UTILITY LOCATIONS  
AT LEAST 48 HOURS BEFORE  
BEGINNING CONSTRUCTION



Dewberry & Davis LLC  
1000 DENEWOOD LANE  
SUITE 204  
ANNAPOLIS, MD 20706  
410.751.0188 FAX  
www.dewberry.com

OWNER/APPLICANT  
FACHINA DEVELOPMENT, LLC  
P.O. BOX 2885  
102 CENTENNIAL STREET  
LA PLATA, MD 20646

CONTACT:  
CHARLES McPHERSON  
(301) 776-7000

WOODYARD ESTATES  
PRINCE GEORGE'S  
COUNTY  
15 TH ELECTION DISTRICT  
TAX MAP 109 GRID B3  
200' MAP REFERENCE 21050E9

SEAL  
PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE  
DOCUMENTS WERE PREPARED OR  
APPROVED BY ME, AND THAT I AM A  
FULLY LICENSED PROFESSIONAL UNDER  
THE LAWS OF THE STATE OF MARYLAND,  
LICENSE NO. 33111, EXPIRATION DATE:  
NOVEMBER 21, 2011

KEY PLAN  
SCALE  
AS SHOWN

TITLE  
TYPE II TREE  
CONSERVATION  
PLAN  
COVER SHEET

PROJECT NO. 50016801

1 OF 2



- TYPE 2 TREE CONSERVATION PLAN NOTES**
- CUTTING OR CLEARING OF WOODLAND NOT IN CONFORMANCE WITH THIS PLAN OR WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PLANNING DIRECTOR OR DESIGNEE SHALL BE SUBJECT TO A \$9.00 PER SQUARE FOOT MITIGATION FEE.
  - 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. THE MEETING WILL DISCUSS THE CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL.
  - 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.
  - THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.
  - THE PROPERTY IS WITHIN THE DEVELOPING TIER AND IS ZONED R-R.
  - THE SITE IS NOT ADJACENT TO A ROADWAY DESIGNATED AS SCENIC, HISTORIC, A PARKWAY OR A SCENIC BYWAY.
  - THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
  - THIS PLAN IS NOT GRANDFATHERED UNDER CB-27-8010, SECTION 25-117 (G).
  - 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 SPECIFICALLY IDENTIFIED TO BE CLEARED ON THE APPROVED TOP2.
  - TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN.
  - 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.
  - 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 TOP2.
  - 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.

- REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS**
- 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.
  - 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.
  - 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 TREES 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 LEVEL. THE STUMP SHALL NOT BE REMOVED OR COVERED WITH SOIL, MULCH OR OTHER MATERIALS THAT WOULD INHIBIT SPROUTING.
  - IF A TREE OR TREES BECOME HAZARDOUS PRIOR TO BOND RELEASE FOR THE PROJECT, DUE TO STORM EVENTS OR OTHER SITUATIONS ARISING FROM AN ACTION BY THE PERMITTEE, PRIOR TO REMOVAL, A CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MUST CERTIFY THAT THE TREE OR 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 PERMITTEE 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.

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  - 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 AVOID CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THIS ENCOURAGING DECOMPOSITION SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.
  - WORK ON THIS PROJECT WILL BE INITIATED IN SEVERAL PHASES. ALL TEMPORARY TPFs REQUIRED FOR A GIVEN PHASE SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE WITHIN THAT PHASE OF WORK.

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- PLANTING SPECIFICATION NOTES**
- QUANTITY: (SEE PLANT SCHEDULE)
  - TYPE: (SEE PLANT SCHEDULE)
  - PLANT QUALITY STANDARDS: THE PLANTS SELECTED SHALL BE HEALTHY AND STURDY REPRESENTATIVES OF THEIR SPECIES. SEEDLING ROOTS SHALL BE WELL DEVELOPED AND AT LEAST 8' LONG.
  - PLANTS THAT DO NOT HAVE AN ABUNDANCE OF WELL DEVELOPED TERMINAL BUDS ON THE LEADERS AND BRANCHES SHALL BE REJECTED.
  - PLANTS SHALL BE SHIPPED BY THE NURSERY IMMEDIATELY AFTER LIFTING FROM THE FIELD OR REMOVAL FROM THE GREEN HOUSE, AND PLANTED IMMEDIATELY UPON RECEIPT BY THE LANDSCAPE CONTRACTOR.
  - IF THE PLANTS CANNOT BE PLANTED IMMEDIATELY AFTER DELIVERY TO THE REFORESTATION SITE, THEY SHALL BE STORED IN THE SHADE WITH THEIR ROOT MASSES PROTECTED FROM DIRECT EXPOSURE TO SUN AND WIND BY THE USE OF STRAW, PEAT MOSS, COMPOST, OR OTHER SUITABLE MATERIAL AND SHALL BE MAINTAINED THROUGH PERIODIC WATERING, UNTIL THE TIME OF PLANTING.
  - 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.
  - TIMING OF PLANTING: THE BEST TIME TO PLANT SEEDLINGS IS PRIOR TO SPRING BUILDING. NO PLANTING SHALL BE DONE WHILE GROUND IS FROZEN. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE ISSUANCE OF GRADING/BUILDING PERMITS AND/OR REACHING THE FINAL GRADES AND STABILIZATION OF PLANTING AREAS.
  - SEEDLING PLANTING: TREE SEEDLINGS SHALL BE HAND PLANTED USING A DIGGLE BAR OR SHARP SHOOTER SHOVEL. IT IS IMPORTANT THAT THE SEEDLING BE PLACED IN THE HOLE SO THAT THE ROOTS CAN SPREAD OUT NATURALLY. THEY SHOULD NOT BE TWISTED, BALLED UP OR BENT. MOIST SOIL SHOULD THEN BE PACKED FIRMLY AROUND THE ROOTS. SEEDLINGS SHOULD BE PLANTED AT A DEPTH WHERE THEIR ROOTS LIE JUST BELOW THE GROUND SURFACE. AIR POCKETS SHOULD NOT BE LEFT AFTER CLOSING THE HOLE WHICH WOULD ALLOW THE ROOTS TO DRY OUT. SEE PLANTING DETAILS FOR FURTHER EXPLANATION. IF THE CONTRACTOR WISHES TO PLANT BY ANOTHER METHOD, THE PREPAREM OF THIS TREE CONSERVATION PLAN MUST BE CONTACTED AND GIVE HIS APPROVAL BEFORE PLANTING MAY BEGIN.
  - 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.
  - 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 SAMPLE PER 100' OF DISTANCE. EACH SAMPLE SHOULD HAVE A DIFFERENT SOIL TYPE IF THE ENTIRE AREA APPEARS UNIFORM, THEN ONLY ONE SAMPLE IS NECESSARY, AND SUBMITTED FOR TESTING TO A PRIVATE COMPANY. THE COMPANY OF CHOICE SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE EXISTING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRECTIONS OF SOIL TEXTURE, PH, MAGNESIUM, PHOSPHORUS, POTASSIUM, CALCIUM AND ORGANIC MATTER.
  - SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.
  - 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.
  - PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN.
  - MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MULCH (AS NOTED) TO EACH PLANTING LOCATION SHOWN ON THIS PLAN.
  - GROUND COVER ESTABLISHMENT: THE REMAINING DISTURBED AREA BETWEEN SEEDLING PLANTING SITES SHALL BE SEEDBED AND STABILIZED WITH WHITE CLOVER SEED AT THE RATE OF 1 LB/ACRE.
  - MOWING: NO MOWING SHALL BE ALLOWED IN ANY PLANTING AREA.
  - SURVIVAL CHECK FOR BOND RELEASE: THE SEEDLING PLANTING IS TO BE CHECKED AT THE END OF EACH YEAR FOR FOUR YEARS TO ASSURE THAT NO LESS THAN 75% OF THE ORIGINAL PLANTED QUANTITY SURVIVES. IF THE MINIMUM NUMBER HAS NOT BEEN PROVIDED THE AREA MUST BE SUPPLEMENTED WITH ADDITIONAL SEEDLINGS TO REACH THE REQUIRED NUMBER AT TIME OF PLANTING.
  - SOURCE OF SEEDLINGS TO BE SUPPLIED FROM A LOCAL NURSERY. SEEDLINGS SHALL BE NATIVE SPECIES FROM THE SAME USDA HARDINESS ZONE AS THE PROPOSED PLANTING AREA.

- FOUR YEAR MANAGEMENT PLAN FOR REAFFORESTATION AREAS**
- FIELD CHECK THE RE-AFFORESTATION AREA ACCORDING TO THE FOLLOWING SCHEDULE:
- YEAR 1: SITE PREPARATION AND TREE PLANTING  
SURVIVAL CHECK AFTER FIRST GROWING SEASON (SEPTEMBER-NOVEMBER) (SEE NOTE 1)  
WATERING IS NEEDED (2 X MONTH)  
CONTROL OF UNDESIRABLE VEGETATION AS NEEDED (MINIMUM OF 1 X IN JUNE AND 1 X IN SEPTEMBER)
- YEAR 2-3: REINFORCEMENT PLANTING IS NEEDED (SEE NOTE 2)  
SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER-NOVEMBER) \*\*  
CONTROL OF UNDESIRABLE VEGETATION IF NEEDED (MINIMUM OF 1 X IN MAY AND 1 X IN AUGUST)
- YEAR 4: REINFORCEMENT PLANTING IF NEEDED (SEE NOTE 2)  
(FINAL) SURVIVAL CHECK (SEPTEMBER-NOVEMBER)
1. SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT LIST (OR AS BUILT) BY WALKING THE SITE AND TAKING INVENTORY. PLANT LIST MUST SHOW PLANT, PLANTING DATE, PLANT FORM (CONDITION CHECK SHEET) TO OWNER AFTER EACH INSPECTION. REMOVE DEAD PLANTS AS NEEDED.
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.
- \*\* IF AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED HAS SURVIVED THE FIRST GROWING SEASON THEN THE 2ND YEAR SURVIVAL CHECK MAY BE SKIPPED. IN THAT CASE A SURVIVAL CHECK WILL BE REQUIRED AFTER THE 3RD YEAR AND AGAIN FOR THE 4TH AND FINAL YEAR.
- REDUCTION IN BOND: A REDUCTION IN THE BOND AMOUNT MAY BE APPLIED FOR UP TO 5% PERCENT OF THE ORIGINAL POSTED BOND AMOUNT AFTER THE 2ND GROWING SEASON IF:
- THE SURVIVAL CHECK FOR YEARS 1 AND 2 SHOW AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED WITH/OUT REPLACEMENT PLANTING HAVE SURVIVED AND ARE IN GOOD CONDITION
  - CERTIFICATION OF SURVIVABILITY HAS BEEN SUBMITTED TO THE ENVIRONMENTAL PLANNING SECTION FOR RECOMMENDATION TO DPW THAT A REDUCTION IN THE BOND AMOUNT MAY BE GRANTED

- REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS**
- 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 A300 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 AVOID CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THIS ENCOURAGING DECOMPOSITION SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.
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  - WORK ON THIS PROJECT WILL BE INITIATED IN SEVERAL PHASES. ALL TEMPORARY TPFs REQUIRED FOR A GIVEN PHASE SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE WITHIN THAT PHASE OF WORK.

- WHEN OFF-SITE WOODLAND CONSERVATION IS PROPOSED:**
- PRIOR TO THE ISSUANCE OF THE FIRST PERMIT FOR THE DEVELOPMENT SHOWN ON THIS TOP2, ALL OFF-SITE WOODLAND CONSERVATION REQUIRED BY THIS PLAN SHALL BE IDENTIFIED ON AN APPROVED TOP2 PLAN AND RECORDED AS AN OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGES COUNTY. PROOF OF CONSERVATION OF THE OFF-SITE WOODLAND SHALL BE PROVIDED TO THE M-NOPPC, PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.
- POST DEVELOPMENT NOTES**
- WHEN WOODLANDS AND/OR SPECIMEN, HISTORIC OR CHAMPION TREES ARE TO REMAIN:**
- A. IF THE DEVELOPER OR BUILDER NO LONGER HAS AN INTEREST IN THE PROPERTY AND THE NEW OWNER DESIRES TO REMOVE A HAZARDOUS TREE OR PORTION THEREOF, THE NEW OWNER SHALL OBTAIN A WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR LICENSED TREE EXPERT IDENTIFYING THE HAZARDOUS CONDITION AND THE PROPOSED CORRECTIVE MEASURES PRIOR TO REMOVING 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 PERMITTEE 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 TOP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.
- B. THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAIN SAW). THESE PLANTS MAY BE CUT NEAR THE GROUND AND MATERIAL LESS THAN TWO INCHES DIAMETER MAY BE REMOVED FROM THE AREA AND DISPOSED OF APPROPRIATELY. ALL MATERIAL FROM THESE NOXIOUS, INVASIVE, AND NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.
- C. THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE RE-SPROUTING OF INVASIVE, NOXIOUS, OR NON-NATIVE PLANTS IS PERMITTED IF DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS.
- D. THE USE OF CHAINSAWS IS EXTREMELY DANGEROUS AND SHOULD NOT BE CONDUCTED WITH POORLY MAINTAINED EQUIPMENT, WITHOUT SAFETY EQUIPMENT, OR BY INDIVIDUALS NOT TRAINED IN THE USE OF THIS EQUIPMENT FOR THE PRUNING AND/OR CUTTING OF TREES.
- PROTECTION OF REFORESTATION AND AFFORESTATION AREAS BY INDIVIDUAL HOMEOWNERS**
- A. REFORESTATION FENCING AND SIGNAGE SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN.
- B. 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.

- FOUR YEAR MANAGEMENT PLAN FOR REAFFORESTATION AREAS**
- FIELD CHECK THE RE-AFFORESTATION AREA ACCORDING TO THE FOLLOWING SCHEDULE:
- YEAR 1: SITE PREPARATION AND TREE PLANTING  
SURVIVAL CHECK AFTER FIRST GROWING SEASON (SEPTEMBER-NOVEMBER) (SEE NOTE 1)  
WATERING IS NEEDED (2 X MONTH)  
CONTROL OF UNDESIRABLE VEGETATION AS NEEDED (MINIMUM OF 1 X IN JUNE AND 1 X IN SEPTEMBER)
- YEAR 2-3: REINFORCEMENT PLANTING IS NEEDED (SEE NOTE 2)  
SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER-NOVEMBER) \*\*  
CONTROL OF UNDESIRABLE VEGETATION IF NEEDED (MINIMUM OF 1 X IN MAY AND 1 X IN AUGUST)
- YEAR 4: REINFORCEMENT PLANTING IF NEEDED (SEE NOTE 2)  
(FINAL) SURVIVAL CHECK (SEPTEMBER-NOVEMBER)
1. SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT LIST (OR AS BUILT) BY WALKING THE SITE AND TAKING INVENTORY. PLANT LIST MUST SHOW PLANT, PLANTING DATE, PLANT FORM (CONDITION CHECK SHEET) TO OWNER AFTER EACH INSPECTION. REMOVE DEAD PLANTS AS NEEDED.
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.
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- \*\* IF AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED HAS SURVIVED THE FIRST GROWING SEASON THEN THE 2ND YEAR SURVIVAL CHECK MAY BE SKIPPED. IN THAT CASE A SURVIVAL CHECK WILL BE REQUIRED AFTER THE 3RD YEAR AND AGAIN FOR THE 4TH AND FINAL YEAR.
- REDUCTION IN BOND: A REDUCTION IN THE BOND AMOUNT MAY BE APPLIED FOR UP TO 5% PERCENT OF THE ORIGINAL POSTED BOND AMOUNT AFTER THE 2ND GROWING SEASON IF:
- THE SURVIVAL CHECK FOR YEARS 1 AND 2 SHOW AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED WITH/OUT REPLACEMENT PLANTING HAVE SURVIVED AND ARE IN GOOD CONDITION
  - CERTIFICATION OF SURVIVABILITY HAS BEEN SUBMITTED TO THE ENVIRONMENTAL PLANNING SECTION FOR RECOMMENDATION TO DPW THAT A REDUCTION IN THE BOND AMOUNT MAY BE GRANTED

- REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS**
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  - 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 AVOID CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THIS ENCOURAGING DECOMPOSITION SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.
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- REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS**
- 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 A300 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 AVOID CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THIS ENCOURAGING DECOMPOSITION SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.
  - WORK ON THIS PROJECT WILL BE INITIATED IN SEVERAL PHASES. ALL TEMPORARY TPFs REQUIRED FOR A GIVEN PHASE SHALL BE INSTALLED