

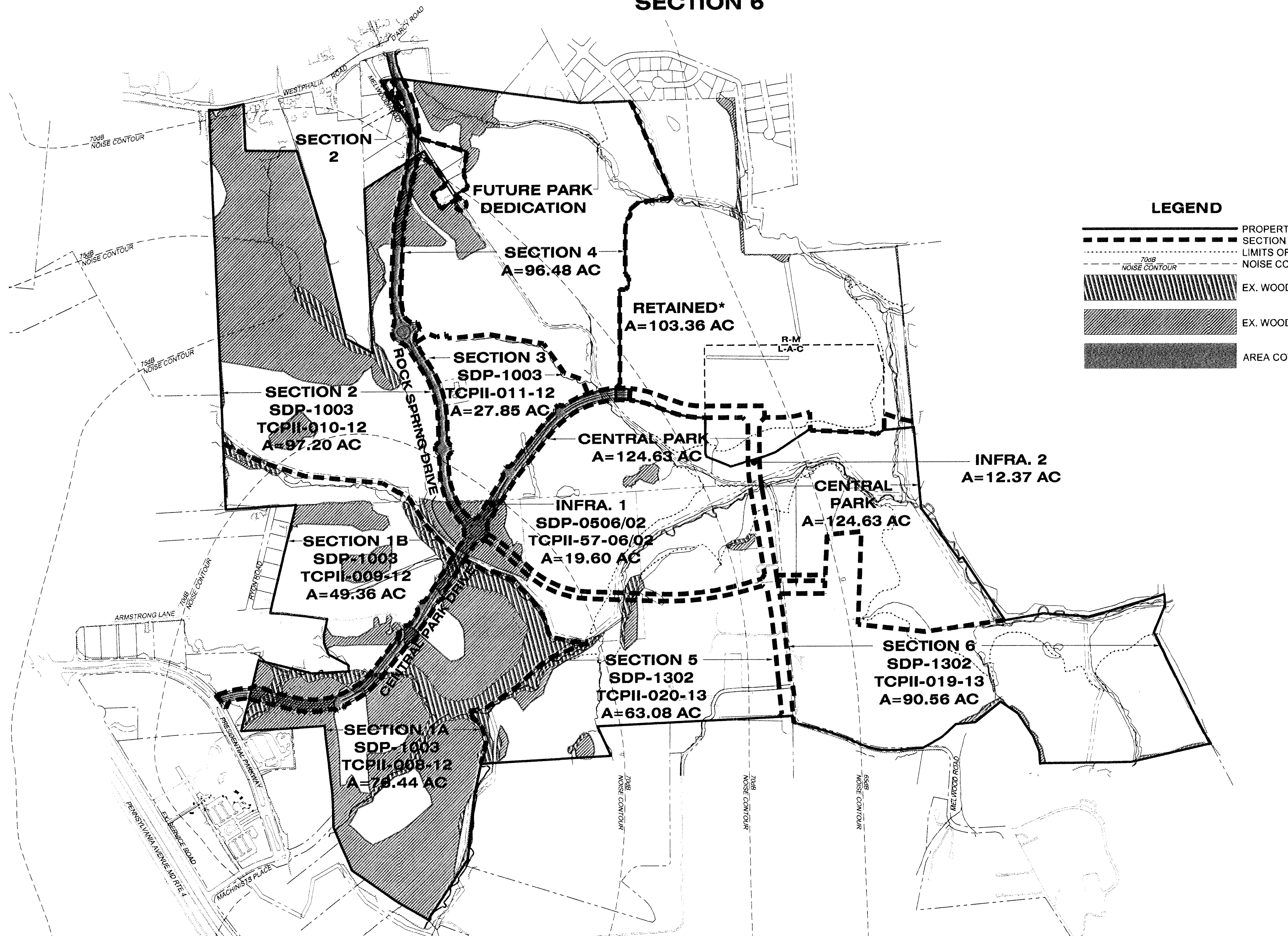
SMITH HOME FARM

TYPE II TREE CONSERVATION PLAN FOR AFFORESTATION

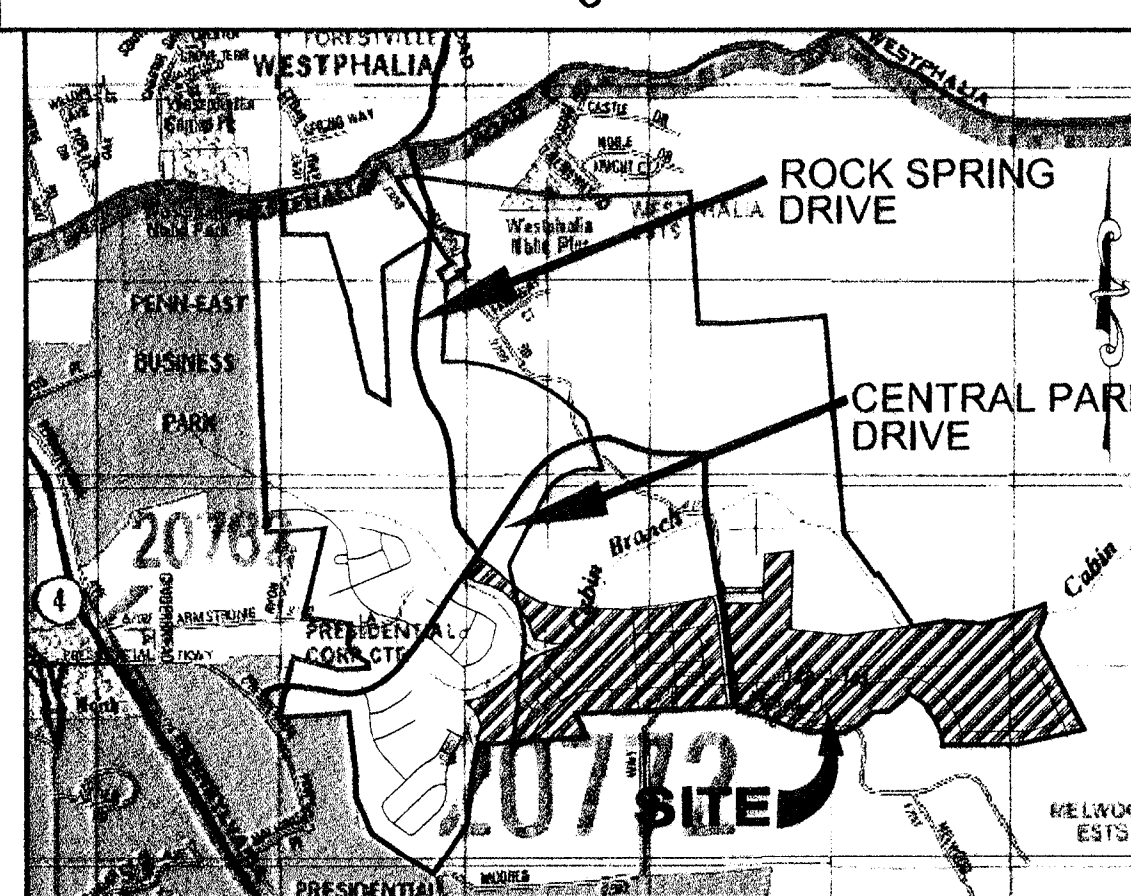
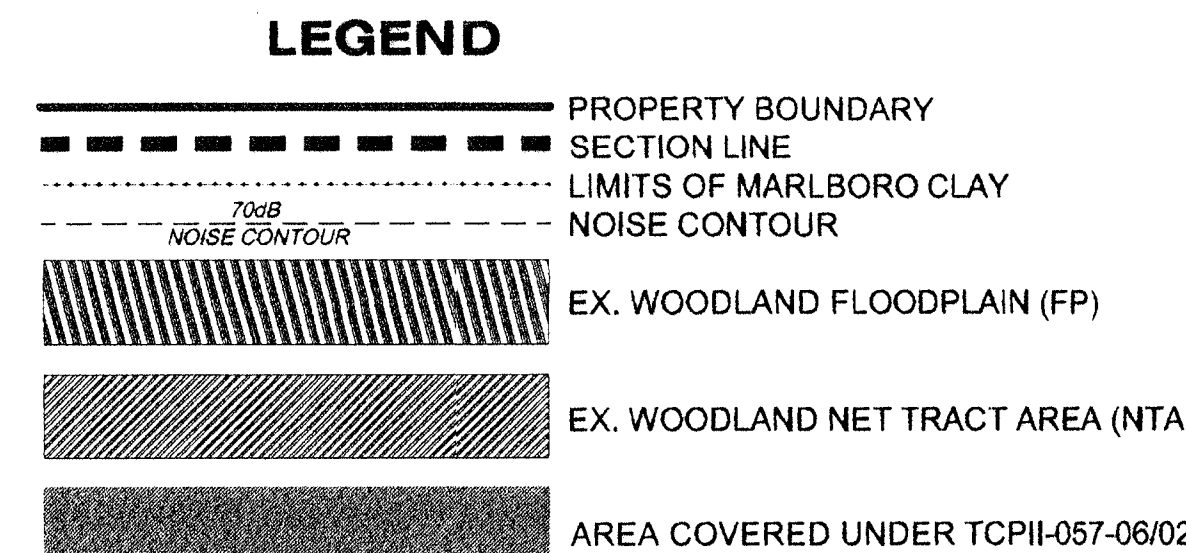
SECTION 6

NOTE:
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.811.com
http://www.mississippi.net
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE THE EXACT LOCATION AND
ELEVATION OF THE MAINS BY DIGGING TEST PITS
BY HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

NAVD 83
NAD 83 DATUM



SECTION AND LOCATION PLAN
SCALE: 1"=500'



VICINITY MAP
SCALE: 1"=2000'

ADC MAP 5651
D-7 E-6, 7, 8, 9 F-6, 7, 8
COPYRIGHT ADC, THE MAP PEOPLE
PERMITTED USE NUMBER 28711182

SHEET INDEX

1. TYPE II TREE CONSERVATION PLAN COVER SHEET
2. TYPE II TREE CONSERVATION PLAN DETAILS, NOTES, & COMPUTATIONS
- 3-7. TYPE II TREE CONSERVATION PLAN SHEET
- 8-10. TYPE II TREE CONSERVATION PLAN DETAILS, NOTES, & COMPUTATIONS

GENERAL NOTES

1. WOODLAND CLEARED WITHIN THE PATUXENT RIVER PRIMARY MANAGEMENT AREA, PRESERVATION AREA SHALL BE MITIGATED ON-SITE AT A RATIO OF 1:1.
2. THE SECTION LINES FOR THE INFRASTRUCTURE ONLY SDP & TCP11 ARE THE ROAD RIGHT OF WAY. ALL WOODLAND CLEARING WITHIN THE ROAD RIGHT OF WAY IS COUNTED AS CLEARING FOR THAT SECTION. WOODLAND CLEARING OUTSIDE THE RIGHT OF WAY IS COUNTED IN ADJACENT SECTIONS. THIS IS REFLECTED ON THE PHASED WORKSHEET, SHEET 2. ALL REQUIRED MITIGATION FOR CLEARING ASSOCIATED WITH THIS PLAN, REGARDLESS OF WHAT SECTION THE CLEARING MAY OCCUR IN, IS PROVIDED AS NOTED IN THE NOTES UNDER THE WORKSHEET.
3. RESOURCE DATA TAKEN FROM NRI-006-05 PREPARED BY LOIEDERMAN SOLTESZ ASSOCIATES, INC. AS REVISED 11/14/06 AND NRI-094-06/02 PREPARED BY DEWBERRY AS REVISED 07/25/12.
- 3.1. TOPOGRAPHY: VRM (AERIAL PHOTOGRAPHY)
- 3.2. WETLANDS: MCCARTHY ASSOCIATES, INC. STUDY DATED 11/2004.
- 3.3. FLOODPLAIN: PDGR 2004/07
- 3.4. RTE PRESENCE: NONE PER MD DNR LETTER DATED 11/10/04.
- 3.5. SPECIMEN TREES: FIELD OBSERVATION, LSA, INC.
- 3.6. BOUNDARY: ALTA PREPARED BY DEWBERRY REVISED JUNE 2011.
4. SOURCE OF NOISE CONTOURS: JOINT BASE ANDREWS NAVAL AIR FACILITY WAS NOT ON JOINT USE STUDY DATED DECEMBER 2009 (AIR INSTALLATION COMPATIBLE USE ZONE STUDY DATED DECEMBER 2007).
5. WESTPHALIA ROAD IS A DESIGNATED HISTORIC ROAD.
6. MARLBORO CLAY IS KNOWN TO EXIST ON SITE.

STANDARD TYPE II TREE CONSERVATION PLAN NOTES

1. THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR SDP-1003/01.
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 \$9.00 PER SQUARE FOOT MITIGATION FEE.
3. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION OR THE DEPARTMENT OF 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 SIGNING. FUTURE PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT.
5. THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.
6. THE PROPERTY IS WITHIN THE DEVELOPING TIER AND IS ZONED R-M AND L-A-C.
7. THE PROPERTY IS ADJACENT TO MELWOOD ROAD AND WESTPHALIA ROAD WHICH ARE DESIGNATED HISTORIC ROADWAYS.
8. THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
9. THIS PLAN IS GRANDFATHERED UNDER CB-27-2010, SECTION 25-117(G).
10. WOODLANDS PRESERVED, PLANTED OR REGENERATED IN FULFILLMENT OF WOODLAND CONSERVATION REQUIREMENTS ON-SITE HAVE BEEN PLACED IN A WOODLAND AND WILDLIFE HABITAT CONSERVATION EASEMENT RECORDED IN THE PRINCE GEORGE'S COUNTY LAND RECORDS AT LIBER 34943 FOLIO 585. REVISIONS TO THIS TCP11 MAY REQUIRE A REVISION TO THE RECORDED EASEMENT.

ADDITIONAL NOTES AS REQUIRED INCLUDED ON SHEET 2.

AFFORESTATION AREA SUMMARY TABLE

WOODLAND RE/AFFORESTATION (WRA) ①		
LABEL	SECTION	AREA
1	6	4.70
2	6	5.66
3	6	7.40
TOTAL		17.76

WOODLAND CONSERVATION SUMMARY TABLE

Section	Gross Tract Area	100-Yr Floodplain (FP)	Net Tract Area (NTA)	Ex. Woodland (NTA)	Ex. Woodland (FP)	Woodland Cleared Net-Tract (C-NTA)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Off-Site (C-OS)	Woodland Cleared PMA (C-PMA)	Woodland Preserv. Area (WPA)	Woodland Reforest. Area (WRA)	Woodland Retained/ Not Credited (WR-NC)	Woodland Retained/ Assumed Cleared (WR-AC)
6	90.56	13.45	77.11	0.82	0.22	0.10	0.00	0.00	0.00	0.72	24.45*	0.22	0.00

*AFFORESTATION SHOWN IN THIS TABLE INCLUDES BOTH AFFORESTATION WHICH IS SHOWN ON THIS PLAN AND FUTURE AFFORESTATION ANTICIPATED IN THIS SECTION, WHICH WILL BE SHOWN AT TIME OF FORMAL SDP/TCP11 REVISION TO INCLUDE DEVELOPMENT.
17.76 ACRES PROPOSED FOR AFFORESTATION IN THIS SECTION IS SHOWN UNDER SECTION 1A ON THE OVERALL WORKSHEET.

**NOTE:

THIS PLAN IS FOR AFFORESTATION ONLY AND DOES NOT SHOW ANY CLEARING OR PRESERVATION. THIS TCP11 WILL BE REVISED AT A LATER DATE WHEN THE SPECIFIC DESIGN PLAN FOR THIS SECTION IS REVISED TO INCLUDE DEVELOPMENT.

M.N.C.P.C. APPROVALS	
PROJECT NAME: SMITH HOME FARM	
PROJECT NUMBER: SDP-1302	
TREE CONSERVATION PLAN	
TCP11-019-13	
Approved by	Date
<i>[Signature]</i>	11/08/13
1	
2	
3	
4	
5	

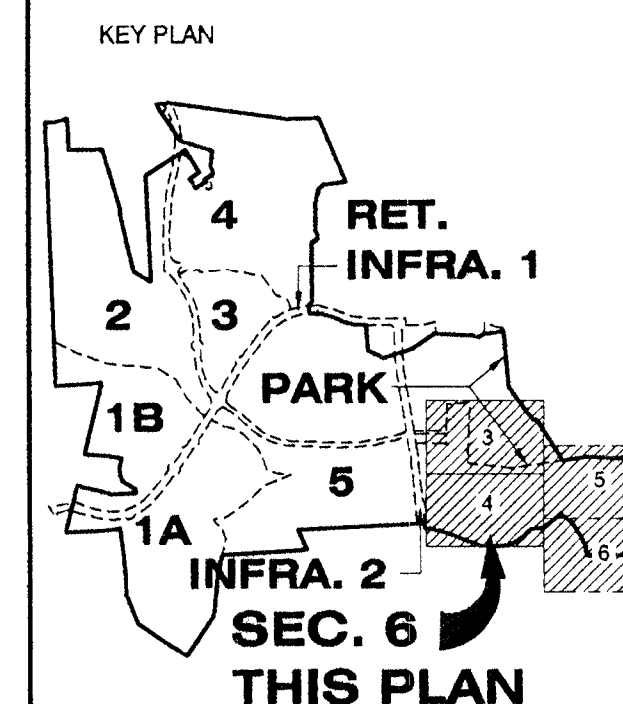
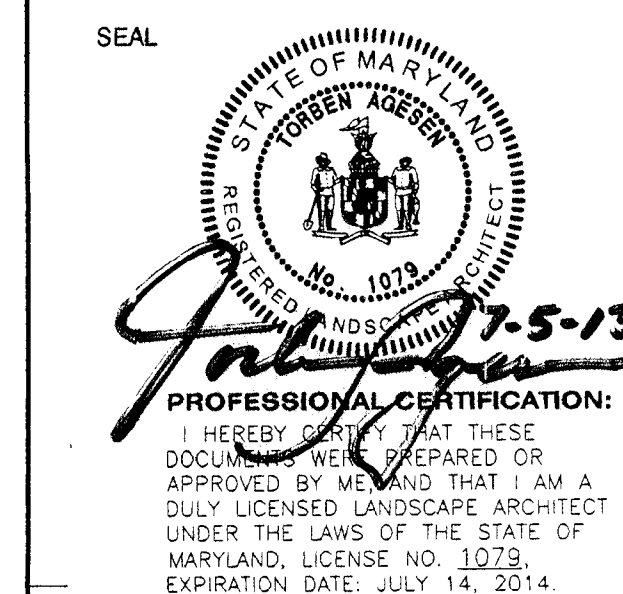
Dewberry

Dewberry Consultants LLC
1000 DEREKWOOD LANE
SUITE 204
LANHAM, MD 20706
301.731.5501
301.731.0188 (FAX)
www.dewberry.com

DEVELOPER/APPLICANT
SHF PROJECT OWNER, LLC
1999 AVENUE OF THE STARS, SUITE 2850
LOS ANGELES, CA 90067

ATTORNEY/CONTACT:
MARVA JO CAMP
PH: 301-943-0255
ADDITIONAL CONTACT:
SEAN F. BRUCE
S. F. BRUCE DEVELOPMENT
PH: 301-502-0556

SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP 98-91-GRD-MULTIPLE
ADJUSTED PARCEL 1 PARCELS III, IV, V, VI, VII & X
2007 MAP REFERENCE: 200506049, 200506049, 200506049



SCALE
AS-SHOWN

No.	DATE	BY	Description
01			
02			
03			
04			
05			

DRAWN BY: RAL
APPROVED BY: TA
CHECKED BY: LRB
DATE: MAY 2013

TITLE
TYPE II TREE CONSERVATION PLAN
SECTION 6
COVER SHEET
DEWBERRY JOB NO. 50038403

1

2

3

4

5

6

OVERALL WOODLAND CONSERVATION WORKSHEET

Woodland Conservation Worksheet for Prince George's County, Maryland														
Zone:	R-M	L-A-C	Include acreages only in columns for which there is a corresponding zone											
Gross Tract:	730.48	30.45												
Floodplain:	112.54	0.11												
Previously Dedicated Land:	0.00	0.00												
Net Tract (NTA):	617.94	30.34	0.00											
Property Description or Subdivision Name: SMITH HOME FARM														
Is this site subject to the 1989 Ordinance? N														
Break-even Point (preservation acres) = 137.33														
Acres of Net Tract clearing permitted w/o reforestation = 0.00														
Woodland Conservation Requirement Calculations:														
Existing Woodland on Net Tract (acres)	137.33													
Existing Woodland in Floodplain (acres)	26.18													
Woodland Conservation Threshold (NTA) =	24.53%	159.04												
Smaller of a or c	137.33													
Woodland above WCT	0.00													
SDP#	SDP-0506	SDP-1003	SDP-1003	SDP-1003	SDP-1003	SDP-1302	SDP-1302							
Rev#	2	1	1	1	1	0	0							
Approval Date	2/23/2012	5/30/2013	5/30/2013	5/30/2013	5/30/2013	Pending	Pending							
Certification Status/Date	7/17/2012	Pending	Pending	Pending	Pending	Pending	Pending							
TCPI2 #	2-057-06	2-008-12	2-009-12	2-010-12	2-011-12	2-020-13	2-019-13							
Rev#	2	1	1	1	1	0	0							
Approval Date	2/23/2012	Pending	Pending	Pending	Pending	Pending	Pending							
Certification Status/Date	7/13/2012	Pending	Pending	Pending	Pending	Pending	Pending							
Permit Status														
Plan Number: (This must be completed for each section)	TCPII-07-06	TCPII-08-12	TCPII-09-12	TCPII-10-12	TCPII-11-12	TCPII-11-12	TCPII-11-12	TCPII-11-12	TCPII-11-12	TCPII-11-12	TCPII-11-12	TCPII-11-12	TCPII-11-12	
Plan Section or Name	INFRA 1	SEC 1A	SEC 1B	SEC 2	SEC 3	INFRA 2	SEC 4	SEC 5	SEC 6	PARK	SEC 6	SEC 6	SEC 6	
Total area in this application (acres)	19.60	76.44	49.36	97.20	27.85	12.37	96.48	83.08	90.56	124.63	103.36	760.93		
Floodplain area in this application (acres)	1.13	14.26	7.75	8.49	0.00	1.46	2.48	12.38	13.45	43.38	7.86	112.65		
Net Tract area in the application (acres)	18.47	62.18	41.61	88.71	27.85	10.91	93.99	50.70	77.11	81.25	95.50	648.28		
Woodland on the Net Tract for this section (acres)	5.76	47.17	10.37	52.51	0.53	0.69	12.05	3.98	0.82	2.36	1.09	137.33		
Woodland in the Floodplain for this section	0.82	13.04	3.90	3.52	0.00	0.11	0.00	3.52	0.22	0.49	0.56	26.18		
Woodland Cleared on Net Tract for this section	5.04	37.60	8.72	43.26	0.53	0.69	4.30	0.75	0.10	1.11	0.20	102.30		
Woodland Cleared in Floodplain for this section	0.82	2.15	0.87	0.19	0.00	0.11	0.00	0.36	0.00	0.03	0.04	4.37		
Woodland Cleared in the PMA2	0.72	0.79	0.48	1.35	0.00	0.00	0.00	0.04	0.00	0.00	0.00	3.38		
Off-site Woodland Clearing (1:1)	2.49	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95		
Off-site Mitigation provided on this property	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Cumulative acres of Net Tract Woodland cleared	5.04	42.64	51.36	94.82	95.15	95.84	100.14	100.89	100.99	102.10	102.30			
Cumulative acres of PMA Woodland Cleared	0.72	1.51	1.34	3.34	3.34	3.34	3.34	3.38	3.38	3.38	3.38			
Cumulative acres of Floodplain woodland cleared	0.82	2.97	3.64	3.83	3.83	3.94	3.94	4.30	4.30	4.33	4.37			
Smaller of d or e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Woodland Clearing below WCT	5.04	42.64	51.36	94.82	95.15	95.84	100.14	100.89	100.99	102.10	102.30			
Replacement for clearing above the WCT (0.25 : 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Replacement for clearing below the WCT (2 : 1)	10.08	85.28	102.72	189.24	190.30	191.68	200.28	201.78	201.98	204.20	204.60			
Afforestation Threshold (AFT) =	15.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Cumulative Woodland Conservation Required	146.40	187.40	196.62	242.07	242.60	243.40	247.70	248.85	248.95	250.09	250.33			
Latest section indicates cumulative requirement through that section of work													Total	
Preservation	0.00	8.68	1.17	7.90	0.00	0.00	7.17	3.19	0.72	0.00	0.89	29.72		
Afforestation/Reforestation	0.00	6.10	9.03	13.14	4.09	0.00	12.85	2.17	6.69	38.32	10.13	102.52		
Afforestation Located in Future Section		17.78	10.24									28.00		
Natural Regeneration												0.00		
Area approved for fee-in-lieu												0.00		
Credit for Off-site Mitigation on another property	0.00	0.00	0.00	27.10	13.34	0.00	0.00	0.00	20.33	25.78	0.00	3.54	90.09	
Off-site Mitigation Preservation provided on this property												0.00		
Off-site Mitigation Afforestation provided on this property												0.00		
Total Woodland Conservation Provided	0.00	32.54	52.98	101.12	118.55	118.55	138.57	164.26	197.45	235.77	250.33	250.33		
Woodland saved on this phase but not counted	0.00	0.10	0.00	0.00	0.00	0.00	0.58	0.00	0.00	1.25	0.00	0.10		
Existing Net Tract Woodland in later section	131.57	84.40	74.68	21.52	20.99	20.30	8.25	4.27	3.45	1.09	0.00			
Revised R-F 3.01	-14.83	-70.58	-69.06	-119.53	-103.16	-104.65	-101.56	-81.00	-48.73	-15.16	-1.93			
	Shortage	Shortage	Shortage	Shortage	Shortage	Shortage	Shortage	Shortage	Shortage	Shortage	Shortage			
Woodland Conservation Requirement This Section	14.83	88.17	18.94	98.61	1.08	1.49	16.35	5.13	0.92	3.50	1.33	250.33		
Woodland Conservation Provided This Section	0.00	32.54	20.44	48.14	17.43	0.00	20.02	25.89	33.19	38.32	14.56	250.33		
Woodland Conservation Shortage/Surplus This Section	-14.83	-55.63	1.50	-50.47	16.37	-1.49	3.67	20.56	32.27	34.82	13.23	0.00		
NOTES: 1. PER CONDITION 1.n.1 OF COUNTY COUNCIL ORDER CDP-0501, R-M IS TO HAVE 25% THRESHOLD.														
2. PER CONDITION 1.n.2 OF COUNTY COUNCIL ORDER CDP-0501, CLEARING IN THE PMA IS TO BE MITIGATED AT 1:1.														
3. "Afforestation Located in Future Section" listed for Section 1A is located in Section 6 and for Section 1B is located in Section 5.														
Prepared by: _____														
License Number: _____ Signature _____ Date _____														

WORKSHEET NOTES:

- OFF-SITE WOODLAND CONSERVATION SHALL BE PROCURED WITHIN THE SAME RIVER BASIN (PATUXENT) AND WITHIN PRINCE GEORGE'S COUNTY.
- THIS PLAN COVERS ONLY THE AFFORESTATION PHYSICALLY LOCATED IN SECTIONS 5 & 6 THAT IS REQUIRED TO SATISFY PERMIT REQUIREMENTS IN SECTIONS 1A & 1B, AS SHOWN IN THE "AFFORESTATION LOCATED IN FUTURE SECTION" ROW OF THE WORKSHEET ABOVE. IT IS ANTICIPATED THAT ADDITIONAL AFFORESTATION WILL BE PROVIDED IN SECTIONS 5 & 6 AT THE TIME OF FORMAL SDP/TCPII REVISION PROCESSING TO INCLUDE DEVELOPMENT. THESE ANTICIPATED AREAS ARE REFLECTED IN THE AFFORESTATION/REFORESTATION ROW FOR SECTIONS 5 & 6 IN THE WORKSHEET ABOVE.

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

- 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.

- 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.
- THE USE OF BRACED SPRAYS OR 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 HERBICIDES SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS.
- 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.

INDIVIDUAL WOODLAND CONSERVATION WORKSHEET

Individual TCPII Worksheet for Phased Projects													
Woodland Conservation Worksheet for Prince George's County													
Zone:	R-M												
Gross Tract:	90.56												
Floodplain:	13.45												
Previously Dedicated Land:	0.00												
Net Tract (NTA):	77.11												
Property Description or Subdivision Name:	TCPII-019-13 Smith Home Farm Section 6												
Owner:	SHF Project Owner, LLC												
Address:	1999 Avenue of the Stars Los Angeles, CA 90067												
Phone:	310.824.2200												
TCPII Number:	TCPII/08/05												
Woodland Conservation Calculations:		Net Tract (acres)		Floodplain (acres)		Off-site (acres)							
Acreage of Existing Woodland		0.82		0.22		0.00							
Woodland Conservation Required for this Phase		25.17		4.90		9.27							
Area of Woodland Cleared per TCPII		0.10		0.00		0.00							
Area of Woodland Cleared per TCPII		0.10		0.00		0.00							
Area of Woodland above WCT that was not cleared by TCPII		0.00		0.00		0.00							
Additional Woodland Cleared by TCPII		0.00		0.00		0.00							
Does the TCPII show 2:1 replacement		Y											
Clearing above WCT		0.00		Additional 1/4:1 Replacement required =		0.00							
Clearing below WCT		0.00		Additional 2:1 Replacement required =		0.00							
Total Woodland Conservation Required for this Section:		25.17											
Woodland Conservation Provided:				(acres)									
Woodland Preservation				0.72									
Afforestation / Reforestation				24.45									
Natural Regeneration													
Area approved for fee-in-lieu in a Priority Funding Area		0.00		=		0.00							
Area approved for fee-in-lieu in a non-Priority Funding Area		0.00		=		0.00							
Credits Received for Off-site Mitigation on another property		0.00											
Off-site Mitigation provided on this property		0.00											
Total Woodland Conservation Provided		25.17											
Area of net tract woodland not cleared		0.72		acres									
Woodland retained not part of requirements:		0.00		acres									
Prepared by:	Torben Agesen												
Address:	10003 Derekwood Lane, Ste. 204												
	Lanham, MD 20706												
Phone:	301.384.1864												
License:	Licensed Landscape Architect												

AFFORESTATION SHOWN IN THIS TABLE INCLUDES BOTH AFFORESTATION WHICH IS SHOWN ON THE PLAN AND FUTURE AFFORESTATION ANTICIPATED IN THIS SECTION, WHICH WILL BE SHOWN AT TIME OF FORMAL SDP/TCPII REVISION TO INCLUDE DEVELOPMENT.

17.76 ACRES OF AFFORESTATION OCCURRING IN THIS SECTION IS SHOWN UNDER SECTION 1A ON THE OVERALL WORKSHEET.

PLANTING SPECIFICATION NOTES

- QUANTITY: (SEE PLANT SCHEDULE)
- TYPE: (SEE PLANT SCHEDULE)
- PLANT QUALITY STANDARDS: THE PLANTS 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 1/2". 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.

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 ROOTS MASSAGED 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 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 OR THE ISSUANCE OF GRADING/BUILDING PERMITS AND/OR REACHING THE FINAL GRADDES AND STABILIZATION OF PLANTING AREAS.
- SEEDLING PLANTING: TREE SEEDLINGS SHALL BE PLANTED USING A DIGGABLE 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. MO

SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS

17X MAP: 50, 51 GRID: MULTIPLE
ADJUSTED PARCEL I, PARCELS III, IV, V, VI, VII, VIII & IX
2200' MAP REFERENCE: 205SE08-09, 206SE08-09, 207SE08

STATE OF MARYLAND
FOREIGN AGENTS
No. 1079
7-5-13
PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME AND THAT I AM A
LICENSED LANDSCAPE ARCHITECT
UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 1079,
EXPIRATION DATE: JULY 14, 2014.

THIS TCPII PLAN SHEET CORRESPONDS
TO SHEET 6 OF THE SDP.

SCALE

0 50' 100'

SCALE: 1"=50'

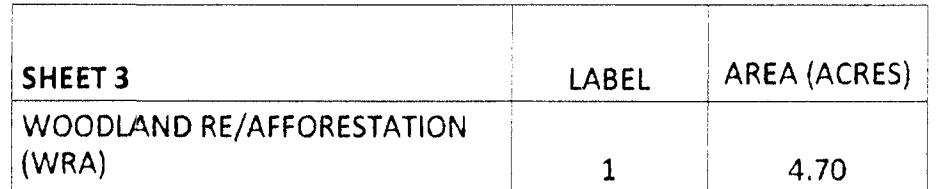
No.	DATE	BY	Description
REVISIONS			

DRAWN BY RAL
APPROVED BY TA
CHECKED BY LRB
DATE MAY 2013

TITLE
TYPE II TREE
CONSERVATION
PLAN
SECTION 6
PLAN SHEET
NEWBERRY JOB NO. 50038403

3

SHEET NO. 3 OF 10



LEGEND

	EXISTING MAJOR CONTOUR		WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
	EXISTING MINOR CONTOUR		SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
	EXISTING BOUNDARY		AFFORESTATION / REFORESTATION (5)
	EXISTING ADJACENT PROPERTY		SEC. XX - TCPII-XXX-XX
	EXISTING FOREST STAND		SEC. XX - TCPII-XXX-XX SECTION LINE
	EXISTING FLOOD PLAIN		
	EXISTING FLOOD PLAIN SET BACK		
	PATUXENT MANAGEMENT AREA		
	EXISTING STREAM		
	EXISTING TREE BUFFER		
	EXISTING TREE LINE		
	EXISTING NON-WOODLAND AREA		
	LIMITS OF MARLBORO CLAY		
	SPECIMEN TREE SIGN		
	AFFORESTATION / REFORESTATION SIGN		
	TREE PROTECTION FENCE (PERMANENT)		

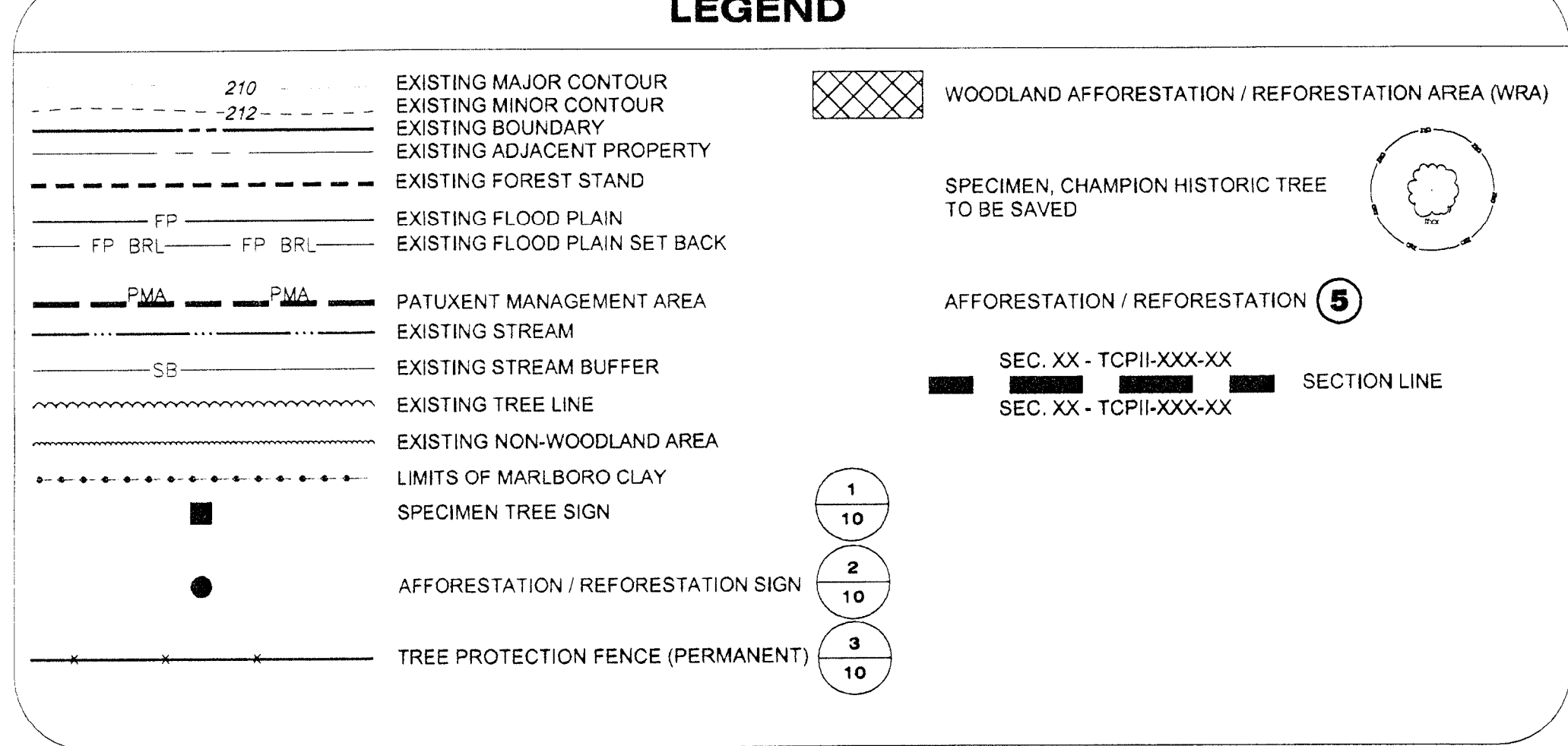
M-NCPPC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL TREE CONSERVATION PLAN TCPII-019-13		M.N.C.P.P.C. APPROVALS	
Approved by		PROJECT NAME: SMITH HOME FARM	
Date		PROJECT NUMBER: SDP-1302	
<i>[Signature]</i>		*In Compliance of National and Maryland State and Regional Tree Preservation Laws and Regulations in the State	
01		Applicant's Revision #	Applicant's Revision #
02		1-1-13	1-1-13
03			
04			
05			

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
<http://www.missutility.net>
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
FORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
TERMINATE THE EXACT LOCATION AND
VARIATION OF THE MAINS BY DIGGING TEST PITS
HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

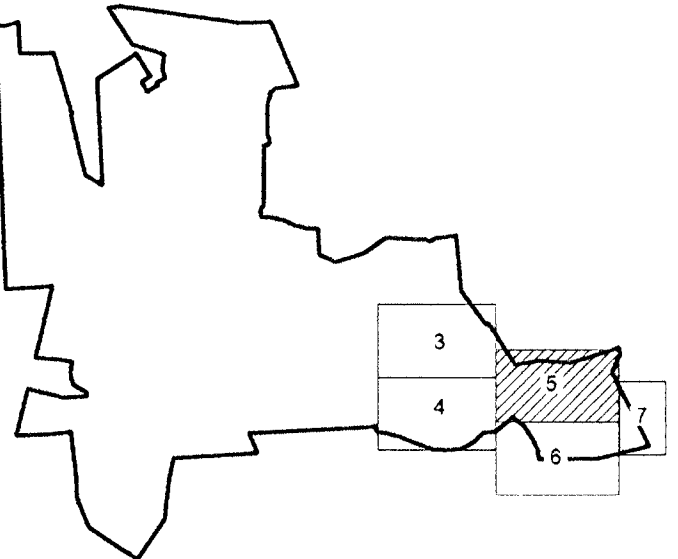


INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

SHEET 4	LABEL	AREA (ACRES)
WOODLAND RE/AFFORESTATION (WRA)	1	4.70

[illegible]

SHEET NO. 4 OF 10



SCALE

0 50' 100'

SCALE: 1"=50'

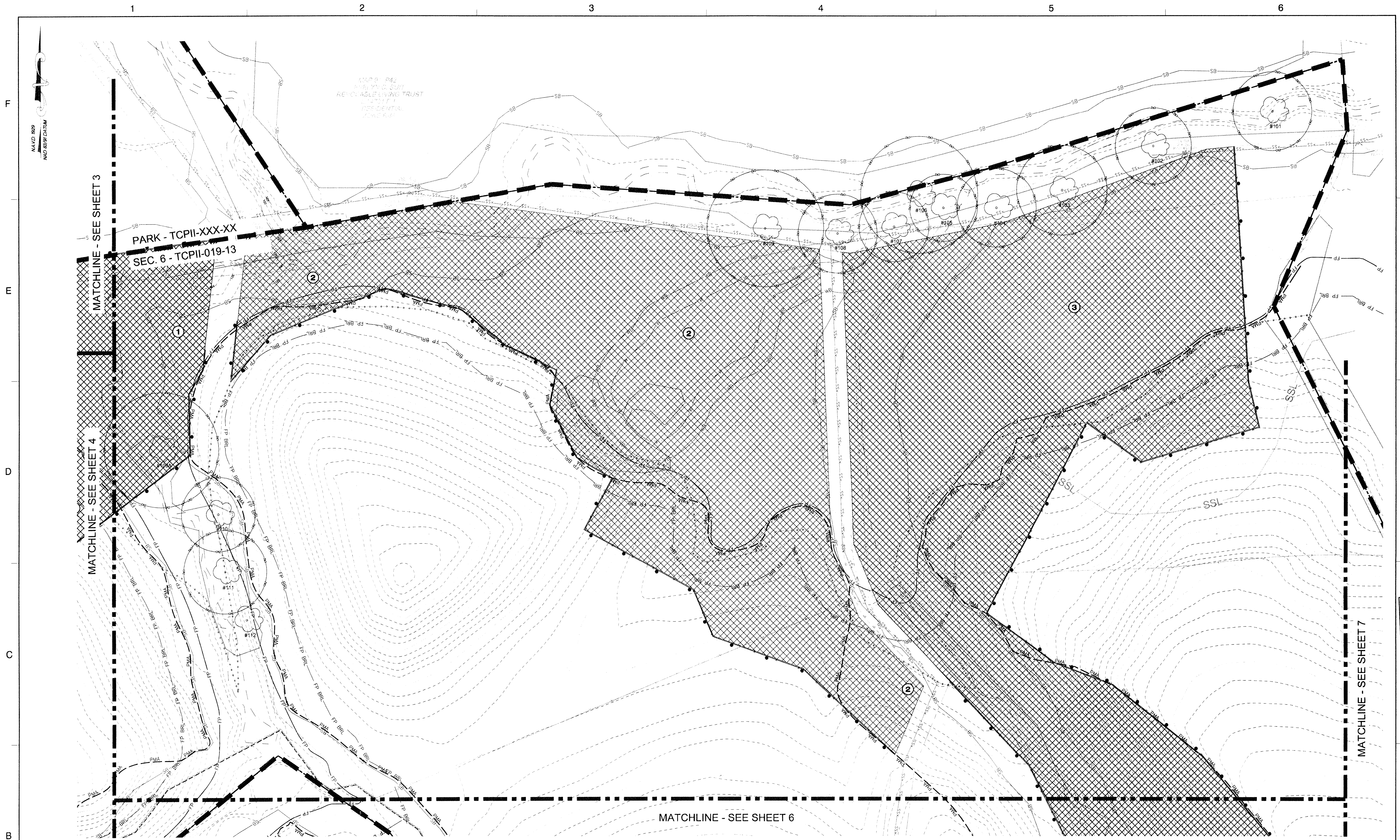
[illegible]

DRAWN BY RAL
APPROVED BY TA
CHECKED BY LRB
DATE MAY 2013

DEWBERRY JOB NO. 50038403

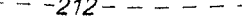
5

SHEET NO. 5 OF 10

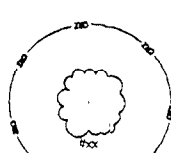


SHEET 5	LABEL	AREA (ACRES)
WOODLAND RE/AFFORESTATION (WRA)	1	4.70
WOODLAND RE/AFFORESTATION (WRA)	2	5.66
WOODLAND RE/AFFORESTATION (WRA)	3	7.40

LEGEND

 210  212     FP  FP BRL  PWA  PWA  SB    LIMITS OF MARLBORO CLAY    TREE PROTECTION FENCE (PERMANENT)	EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR EXISTING BOUNDARY EXISTING ADJACENT PROPERTY EXISTING FOREST STAND EXISTING FLOOD PLAIN EXISTING FLOOD PLAIN SET BACK PATUXENT MANAGEMENT AREA EXISTING STREAM EXISTING STREAM BUFFER EXISTING TREE LINE EXISTING NON-WOODLAND AREA LIMITS OF MARLBORO CLAY SPECIMEN TREE SIGN AFFORESTATION / REFORESTATION SIGN TREE PROTECTION FENCE (PERMANENT)
---	---


 WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)


 SPECIMEN, CHAMPION HISTORIC TREE
 TO BE SAVED


 SEC. XX - TCPII-XXX-XX
 SEC. XX - TCPII-XXX-XX


 AFFORESTATION / REFORESTATION
 SECTION LINE


 1
10


 2
10


 3
10

M-NCPPC
PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-019-13

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
<http://www.missutility.net>
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
FORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
CORDS BUT THE CONTRACTOR MUST
TERMINATE THE EXACT LOCATION AND
ELEVATION OF THE MAINS BY DIGGING TEST PITS
HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

315	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair	Remove	1a
316	Tulip Tree	<i>Liriodendron tulipifera</i>	10	Fair	Remove	1a

317	Red Maple	<i>Acer rubrum</i>	30	Fair	Remove	1a
318	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Fair	Remove	1a
319	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Good	Save	1a
320	Tulip Tree	<i>Liriodendron tulipifera</i>	40	Fair, twin	Save	1a
321	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Fair	Save	1a
322	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Save	1a
323	Sycamore	<i>Platanus occidentalis</i>	39	Fair	Save	offsite
324	Sycamore	<i>Platanus occidentalis</i>	50	Fair	Save	offsite
325	Sycamore	<i>Platanus occidentalis</i>	31	Fair	Save	5
326	Tulip Tree	<i>Liriodendron tulipifera</i>	43	Good	Save	5
327	Tulip Tree	<i>Liriodendron tulipifera</i>	38	Fair	Save	5
329	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Good	Save	5
330	Red Maple	<i>Acer rubrum</i>	31	Good	Save	5
331	Tulip Tree	<i>Liriodendron tulipifera</i>	48	Fair	Save	5
332	Sycamore	<i>Platanus occidentalis</i>	31	Fair, twin	Save	5
333	American Beech	<i>Fagus grandifolia</i>	47	Good	Save	5
334	White Oak	<i>Quercus alba</i>	32	Good	Save	5
335	Red Oak	<i>Quercus rubra</i>	31	Very Poor	Save	5
336	Black Gum	<i>Nyssa sylvatica</i>	34	Fair	Save	5
337	Red Oak	<i>Quercus rubra</i>	37	Good	Save	5
338-359	Numbers not used					
360	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Remove	infra 1
361	Sycamore	<i>Platanus occidentalis</i>	30	Fair	Remove	1a
362	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Remove	1a
363	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Poor, hollow	Remove	2
364	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	2
365	Tulip Tree	<i>Liriodendron tulipifera</i>	32	fair	Remove	2
366	Tulip Tree	<i>Liriodendron tulipifera</i>	43	Fair, twin	Save	infra2
367	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Fair	Save	infra2
368	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair, twin	Remove	1b
369	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Fair	Save	1A
370	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair	Remove	infra 1
371	Sweetgum	<i>Liquidambar styraciflua</i>	30	Fair	Remove	infra 1
372	Tulip Tree	<i>Liriodendron tulipifera</i>	50	Poor, large cavity	Remove	offsite
373	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Fair	Remove	1a
374	Red Maple	<i>Acer rubrum</i>	32	Fair	Save	1A
375	Tulip Tree	<i>Liriodendron tulipifera</i>	58	Fair	Save	offsite
376	Tulip Tree	<i>Liriodendron tulipifera</i>	67	Poor	Save	offsite
377	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Remove	1a
378	Red Oak	<i>Quercus rubra</i>	32	Fair	Save	offsite
379	Red Oak	<i>Quercus rubra</i>	51	Fair	Save	offsite
380	American Beech	<i>Fagus grandifolia</i>	32	Fair	Save	1a
381	American Beech	<i>Fagus grandifolia</i>	44	Fair	Save	1a

NOTES:

1. RESOURCE DATA TAKEN FROM NRI-006-05 PREPARED BY LÖIEDERMAN SOLTESZ ASSOCIATES, INC. AS REVISED 11/14/06.
2. TREES DENOTED AS "SAVE" ON THIS PLAN REFER ONLY TO THE CONDITION ANTICIPATED AS A RESULT OF CONSTRUCTION PERMITTED WITH THIS PLAN. FUTURE CONSTRUCTION ACTIVITIES PERMITTED UNDER A SEPARATE TCPIII SHALL MAKE AN APPROPRIATE DETERMINATION AS TO THE FINAL CONDITION OF TREES IMPACTED BY CONSTRUCTION ACTIVITIES.

[illegible]

SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
WITH & 15TH ELECTION DISTRICTS
TAX MAP: 80, 91 - GRID: MULTIPLE
ADJUSTED PARCEL 1, PARCELS III, IV, V, VI, VII, VIII & X
2007 MAP REFERENCE: 205SE09-09, 206SE09-09, 207SE09



SCALE

AS-SHOWN

No.	DATE	BY	Description
REVISIONS			

DRAWN BY	RAL
APPROVED BY	TA
CHECKED BY	LRB
DATE	MAY 2013

TITLE

**TYPE II TREE
CONSERVATION
PLAN
SECTION 6
DETAILS, NOTES,
& COMPUTATIONS**

DEWBERRY JOB NO. 50038403

8

SHEET NO. 8 OF 10

PLANT SCHEDULE - SECTION 6					
Botanical Name	Common Name	Size	Type	Quantity	%Stocking
<i>Acer rubrum</i>	Red Maple	Seedling 6"-18" HT.	Bare Root	2,920	20.6%
<i>Cercis canadensis</i>	Eastern Redbud	Seedling 6"-18" HT.	Bare Root	1,115	7.8%
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling 6"-18" HT.	Bare Root	2,920	20.6%
<i>Pinus taeda</i>	Loblolly Pine	Seedling 6"-18" HT.	Bare Root	1,413	9.9%
<i>Platanus occidentalis</i>	American Sycamore	Seedling 6"-18" HT.	Bare Root	2,920	20.6%
<i>Quercus phellos</i>	Willow Oak	Seedling 6"-18" HT.	Bare Root	2,920	20.6%
<i>Quercus rubra</i>	Red Oak	Seedling 6"-18" HT.	Bare Root	0	0.0%
TOTAL				14,208	100.0%

Prince Georges County MD Lowland Mix			
% of Mix	Latin Name	Common Name	Cultivar / Ecotype
5	<i>Carex lupulina</i>	Hop Sedge	MD
5	<i>Carex lurida</i>	Lurid Sedge	PA
7	<i>Carex vulpinoidea</i>	Fox Sedge	PA
5	<i>Cinna arundinacea</i>	Wood Reedgrass	PA
20	<i>Elymus virginicus</i>	Virginia Wildrye	Suther
2	<i>Juncus effusus</i>	Soft Rush	NC or PA
20	<i>Panicum clandestinum</i>	Deertongue	Tioga
30	<i>Panicum rigidulum</i>	Redtop Panicgrass	NC
1	<i>Scirpus cyperinus</i>	Woolgrass	PA
0.5	<i>Cephalanthus occidentalis</i>	Buttonbush	PA
2	<i>Cornus amomum</i>	Silky Dogwood	PA
2	<i>Lindera benzoin</i>	Spicebush	Any
0.25	<i>Rosa palustris</i>	Swamp Rose	PA
0.25	<i>Spireae tomentosa</i>	Steeplebush	PA
100	Total		

TITLE
**TYPE II TREE
CONSERVATION
PLAN
SECTION 6
DETAILS, NOTES,
& COMPUTATIONS**

DEWBERRY JOB NO. 50038403

9

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
<http://www.missutility.net>
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
FORMATION CONCERNING UNDERGROUND
UTILITIES MAY OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE THE EXACT LOCATION AND
ELEVATION OF THE MAINS BY DIGGING TEST PITS
HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION

