

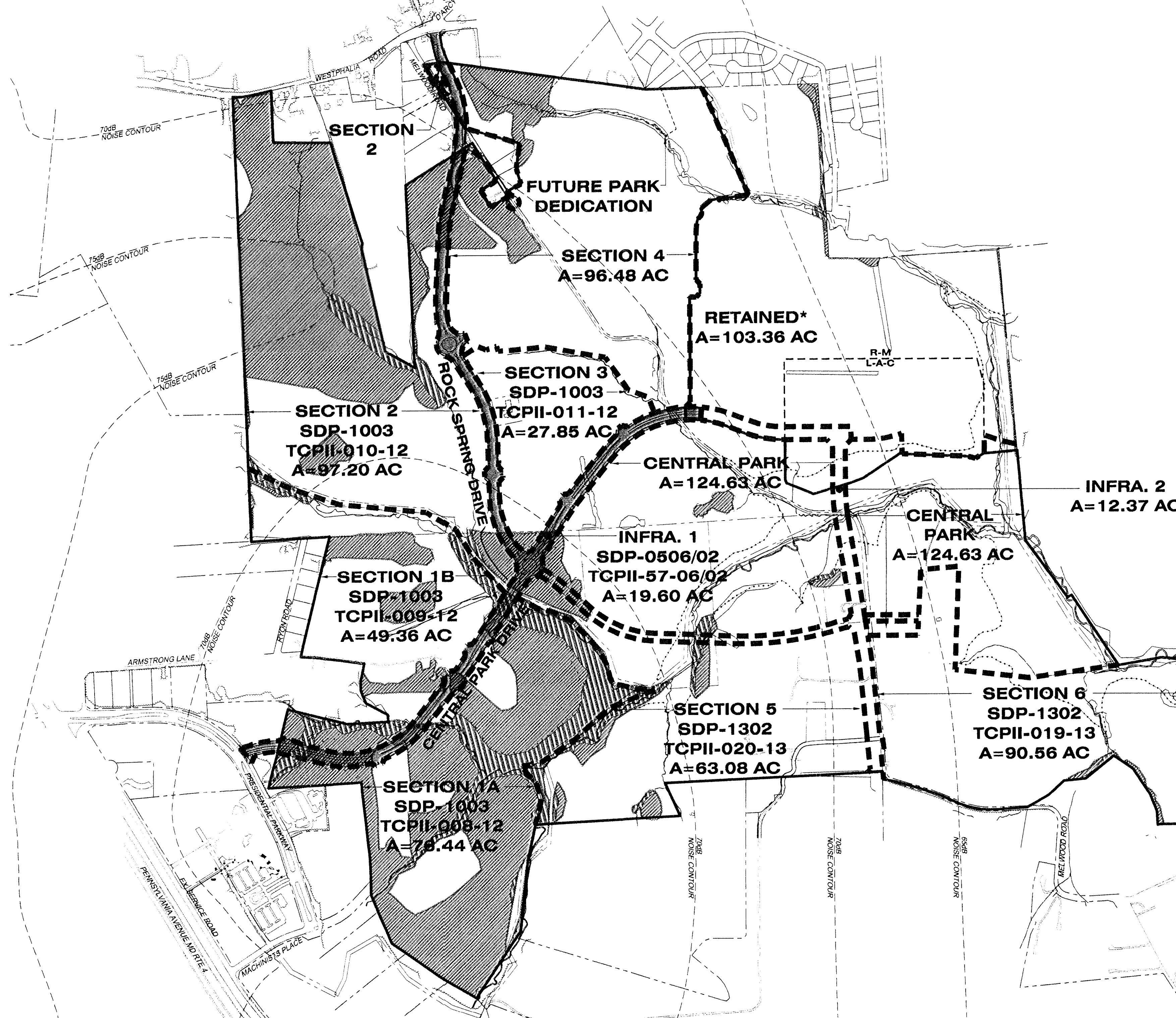
SMITH HOME FARM

TYPE II TREE CONSERVATION PLAN FOR AFFORESTATION

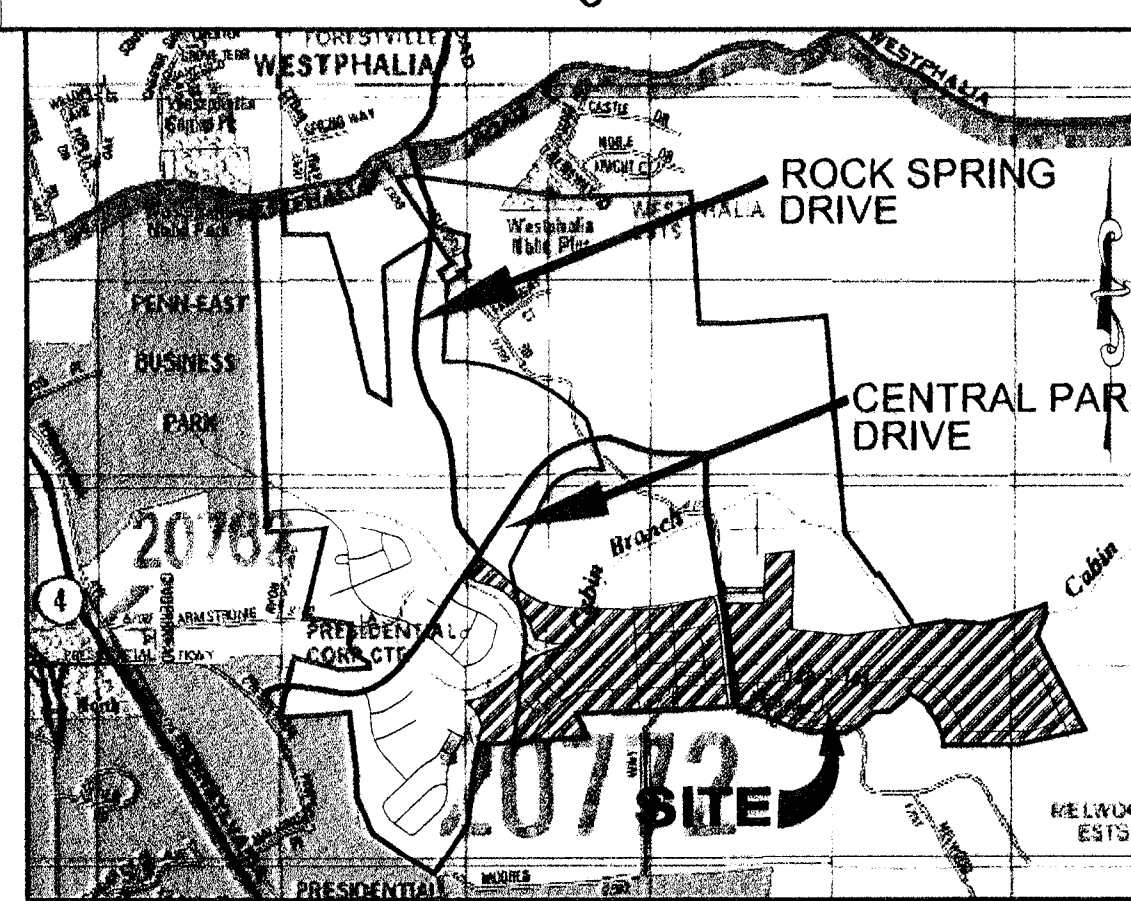
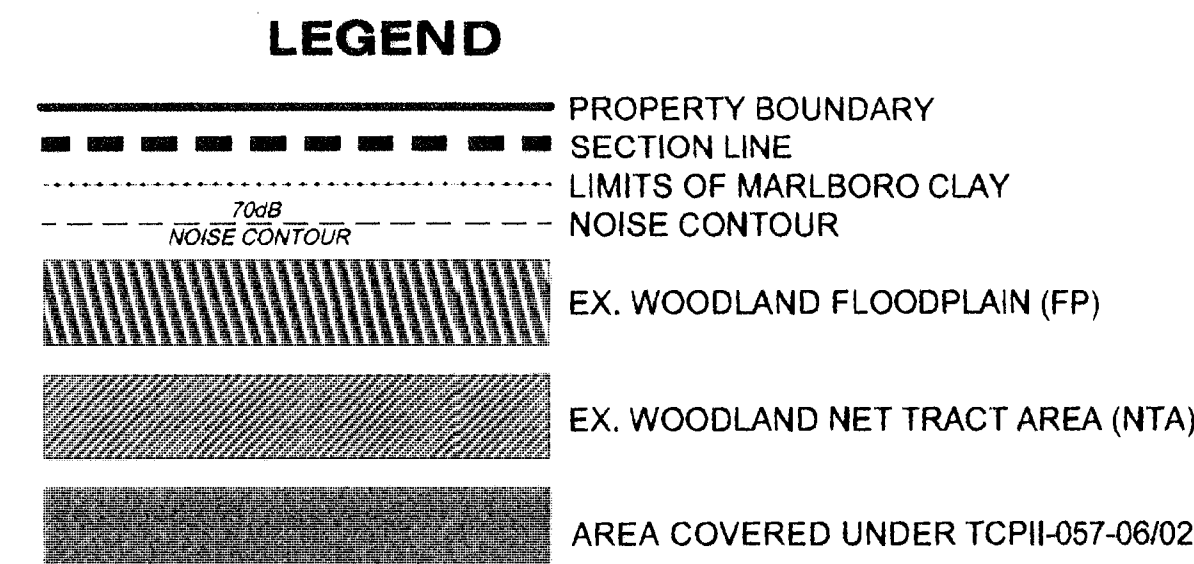
SECTION 6

NOTE:
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7177
OR LOG ON TO
www.ohb11.com
http://www.missutility.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 MAP PEOPLE
PERMITTED USE NUMBER 28711182

SHEET INDEX

- TYPE II TREE CONSERVATION PLAN COVER SHEET
- TYPE II TREE CONSERVATION PLAN DETAILS, NOTES, & COMPUTATIONS
- TYPE II TREE CONSERVATION PLAN SHEET
- TYPE II TREE CONSERVATION PLAN DETAILS, NOTES, & COMPUTATIONS

GENERAL NOTES

- WOODLAND CLEARED WITHIN THE PATUXENT RIVER PRIMARY MANAGEMENT AREA, PRESERVATION AREA SHALL BE MITIGATED ON-SITE AT A RATIO OF 1:1.
- THE SECTION LINES FOR THE INFRASTRUCTURE ONLY SDP & TCP11 ARE THE ROAD RIGHT OF WAY. ALL WOODLAND CLEARED WITHIN THE ROAD RIGHT OF WAY IS COUNTED AS CLEARING FOR THAT SECTION. WOODLAND CLEARED 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.
- 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.
- TOPOGRAPHY: VRM (AERIAL PHOTOGRAPHY)
- WETLANDS: MCCARTHY ASSOCIATES, INC. STUDY DATED 11/2004.
- FLOODPLAIN: PGDR 2004/07
- RTE PRESENCE: NONE PER MD DNR LETTER DATED 11/10/04.
- SPECIMEN TREES: FIELD OBSERVATION, LSA, INC.
- BOUNDARY: ALTA PREPARED BY DEWBERRY REVISED JUNE 2011.
- SOURCE OF NOISE CONTOURS: JOINT BASE ANDREWS NAVAL AIR FACILITY WASTE TREATMENT PLANT USE STUDY DATED DECEMBER 2009 (AIR INSTALLATION COMPATIBLE USE ZONE STUDY DATED DECEMBER 2007).
- WESTPHALIA ROAD IS A DESIGNATED HISTORIC ROAD.
- MARLBORO CLAY IS KNOWN TO EXIST ON SITE.

STANDARD TYPE II TREE CONSERVATION PLAN NOTES

- THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR SDP-1003/01.
- 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 WHERE IMPLEMENTATION OF WOODLAND 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-M AND L-A-C.
- THE PROPERTY IS ADJACENT TO MELWOOD ROAD AND WESTPHALIA ROAD WHICH ARE DESIGNATED HISTORIC ROADWAYS.
- THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
- THIS PLAN IS GRANDFATHERED UNDER CB-27-2010, SECTION 25-117(G).
- 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	
APPROVAL	
TREE CONSERVATION PLAN	
TCP11-019-13	
Approved by	Date
<i>[Signature]</i>	11/08/13
M.N.C.P.C. APPROVALS	
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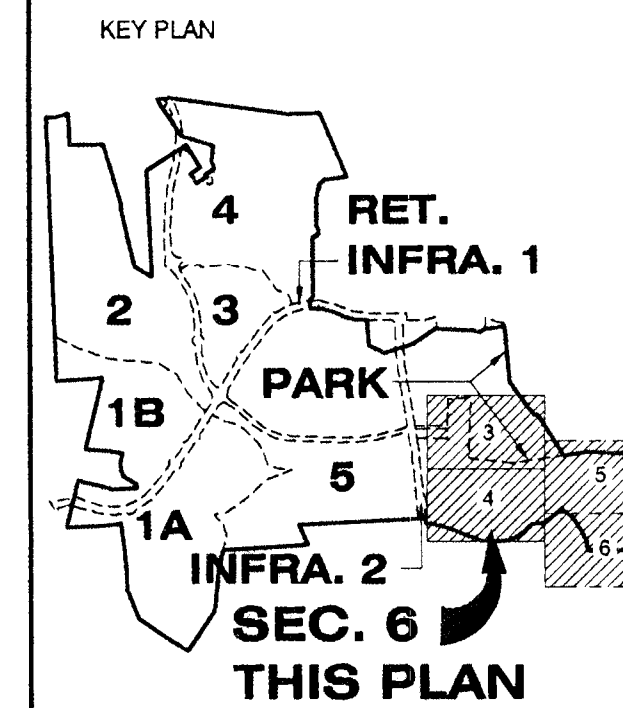
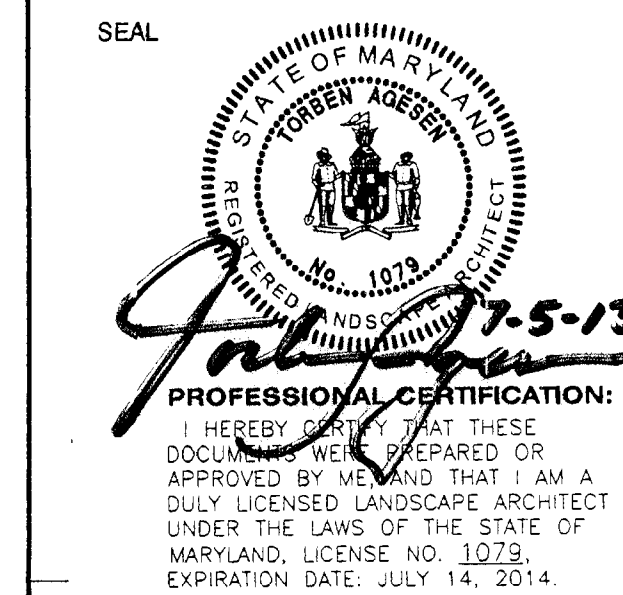
Dewberry

Dewberry Consultants LLC
10003 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, VI, VII, VIII & IX
2007 MAP REFERENCE: 200506049, 200506049, 200506049



SCALE
AS-SHOWN

No.	DATE	BY	Description
01			
02			
03			
04			
05			

REVISIONS

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													
Gross Tract:	730.48	30.45	Include acreages only in columns												
Floodplain:	112.54	0.11	for which there is a corresponding zone												
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 (NTA1) = 24.53%															
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								
TCP2 #	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-09-13	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	RETAINED	RETAINED	RETAINED	RETAINED	
Total area in this application (acres)	19.60	76.44	49.36	97.20	27.85	12.37	96.48	63.08	90.56	124.63	103.36	760.93			
Floodplain area in this application (acres)	1.13	14.28	7.75	8.49	0.00	1.46	2.49	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	94.62	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	94.62	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															
Woodland Conservation Provided:														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	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															
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 30.11	-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															
Woodland Conservation Provided This Section	0.00	32.54	20.44	48.14	17.43	0.00	20.02	25.69	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 BACKSAW 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:									
Acreage of Existing Woodland 0.82									
Woodland Conservation Required for this Phase 25.17									
Area of Woodland Cleared per TCPII 98.47									
Area of Woodland Cleared per TCPII 0.10									
Area of Woodland above WCT that was not cleared by TCPII 0.00									
Additional Woodland Cleared by TCPII 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:									
Woodland Preservation 0.72									
Afforestation / Reforestation 24.45									
Natural Regeneration 0.00									
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 Agesten									
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 THIS PLAN AND FUTURE AFFORESTATION ANTICIPATED IN THIS SECTION, WHICH WILL BE SHOWN AT TIME OF FORMAL SDP/TCPII REVISION TO INCLUDE DEVELOPMENT.
17.78 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 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.

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 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 GRADIES AND STABILIZATION OF PLANTING AREAS.
- SEEDLING PLANTING: TREE SEEDLINGS SHALL BE PLANTED USING A DIBBLE 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. 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.
- 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 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.
- 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 SHREDED HARDWOOD (AS NOTED) TO EACH PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN).
- 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.
- MOVING: NO MOVING 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 DETERMINED BY APPLICANT.

OFF-SITE WOODLAND CONSERVATION NOTE:

PRIOR TO THE ISSUANCE OF THE FIRST GRADING PERMIT FOR THE SECTION OF DEVELOPMENT SHOWN ON THIS TCP2, ALL OFF SITE WOODLAND CONSERVATION REQUIRED BY THIS PLAN SHALL BE IDENTIFIED ON AN APPROVED TCP2 PLAN AND RECORDED AS AN OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGE'S COUNTY. PROOF OF RECDATION OF THE OFF-SITE CONSERVATION SHALL BE PROVIDED TO THE MNCPPC, PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.

TREE PRESERVATION AND RETENTION NOTES

- 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 TCP2.
- 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 TPFs 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 TCP2.
- 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

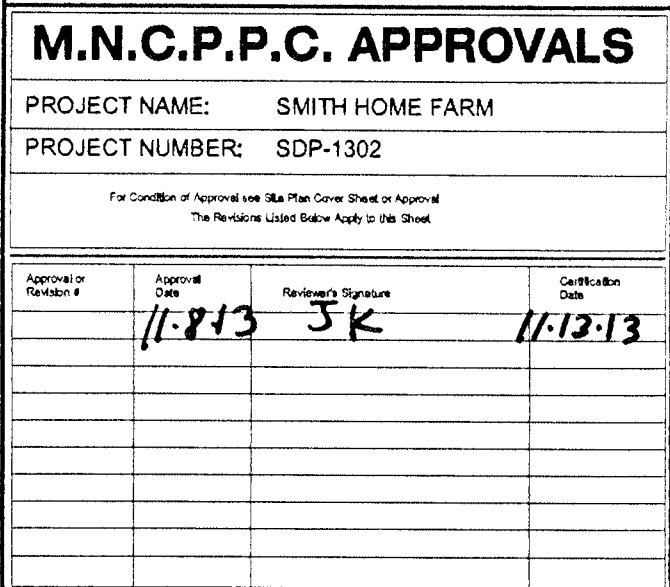
- THE DEVELOPER AND/OR BUILDER IS RESPONSIBLE FOR THE COMPLETE PRESERVATION OF ALL FORESTED AREAS SHOWN ON THE APPROVED PLAN TO REMAIN UNDISTURBED. ONLY TREES OR PARTS THEREOF DESIGNATED BY THE COUNTY AS DEAD, DYING, OR HAZARDOUS MAY BE REMOVED.
- A TREE IS CONSIDERED HAZARDOUS IF A CONDITION IS PRESENT 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 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 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 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 THE NECESSITY OF THE INSPECTOR'S 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. THE SMALLER MATERIALS SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.

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.

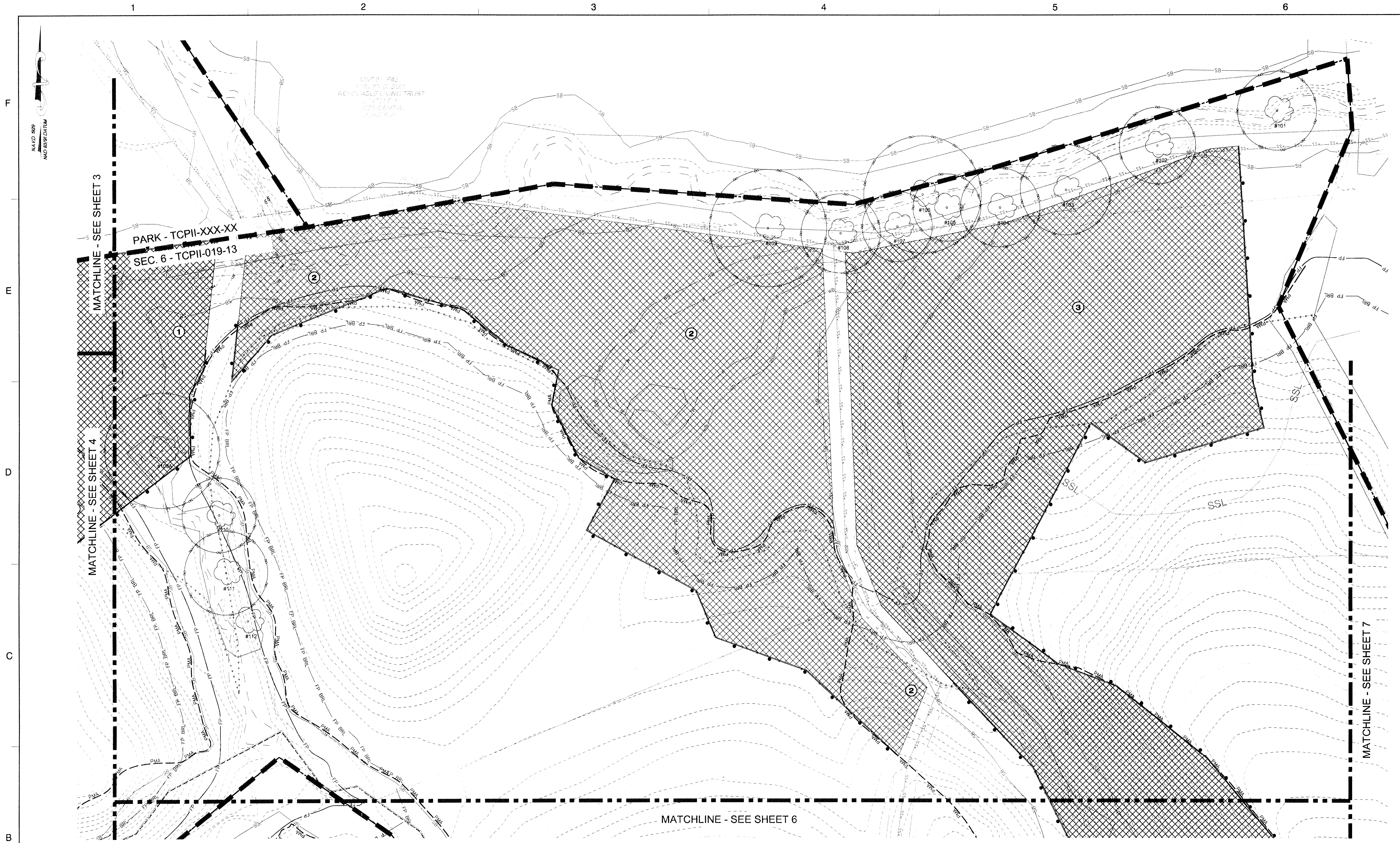
- WORK ON THIS PROJECT WILL BE INITIATED IN SEVERAL PHASES. ALL TEMPORARY TPFs REQUIRED FOR A GIVEN PHASE SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE WITHIN THAT PHASE OF WORK.
- TREE PROTECTION FENCING (TPFs) IS NOT REQUIRED FOR ALL OR PORTIONS OF THIS PLAN BECAUSE AN UNDISTURBED 100-FOOT BUFFER OF OPEN LAND/OR A 50-FOOT FORESTED BUFFER IS BEING MAINTAINED BETWEEN THE LIMIT OF DISTURBANCE (LOD) AND THE WOODLAND PRESERVATION AREAS. IF THE LOD CHANGES AND THE CHANGE IMPACTS THESE BUFFERS, THE COUNTY INSPECTOR SHALL BE CONTACTED TO EVALUATE THE CHANGE TO DETERMINE IF A REVISION TO THE TREE CONSERVATION PLAN IS NECESSARY OR IF INSTALLATION OF TPFs WILL BE REQUIRED.
- DEBRIS PILES SHOWN IN WOODLAND PRESERVATION AREAS SHALL BE REMOVED BY HAND WITHOUT THE USE OF MECHANICAL EQUIPMENT WITHIN THE PRESERVATION AREA. CHAINSAWS MAY BE USED TO PULL DEBRIS OUT OF THE PRESERVATION AREAS. CAUTION MUST BE USED NOT TO DAMAGE REMAINING VEGETATION.





SEC. 5 - TCP11-020-13

4



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D
C
B
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1
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3
4
5
6

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
http://www.misautility.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.

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
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING BOUNDARY
EXISTING ADJACENT PROPERTY
EXISTING FOREST STAND
EXISTING FLOOD PLAIN
EXISTING FLOOD PLAIN SET BACK
PMA
PMA
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
AFFORESTATION / REFORESTATION 5
SEC. XX - TCPII-XXX-XX
SEC. XX - TCPII-XXX-XX SECTION LINE

1
10
2
10
3
10

M.N.C.P.P.C.
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-019-13
Approved by *[Signature]* Date *11/08/13*

M.N.C.P.P.C. APPROVALS
PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1302
For a Certificate of Approval, see the Plan Cover Sheet or Approval
The Registrar's Office is in the State
Signature of Registrar Date Registrar's Signature Date
01
02
03
04
05

Dewberry
Dewberry Consultants LLC
Formerly known as:
Dewberry & Davis LLC
10003 DEREKWOOD LANE
SUITE 504
LANHAM, MD 20706
301.731.5551
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: 301-502-0956

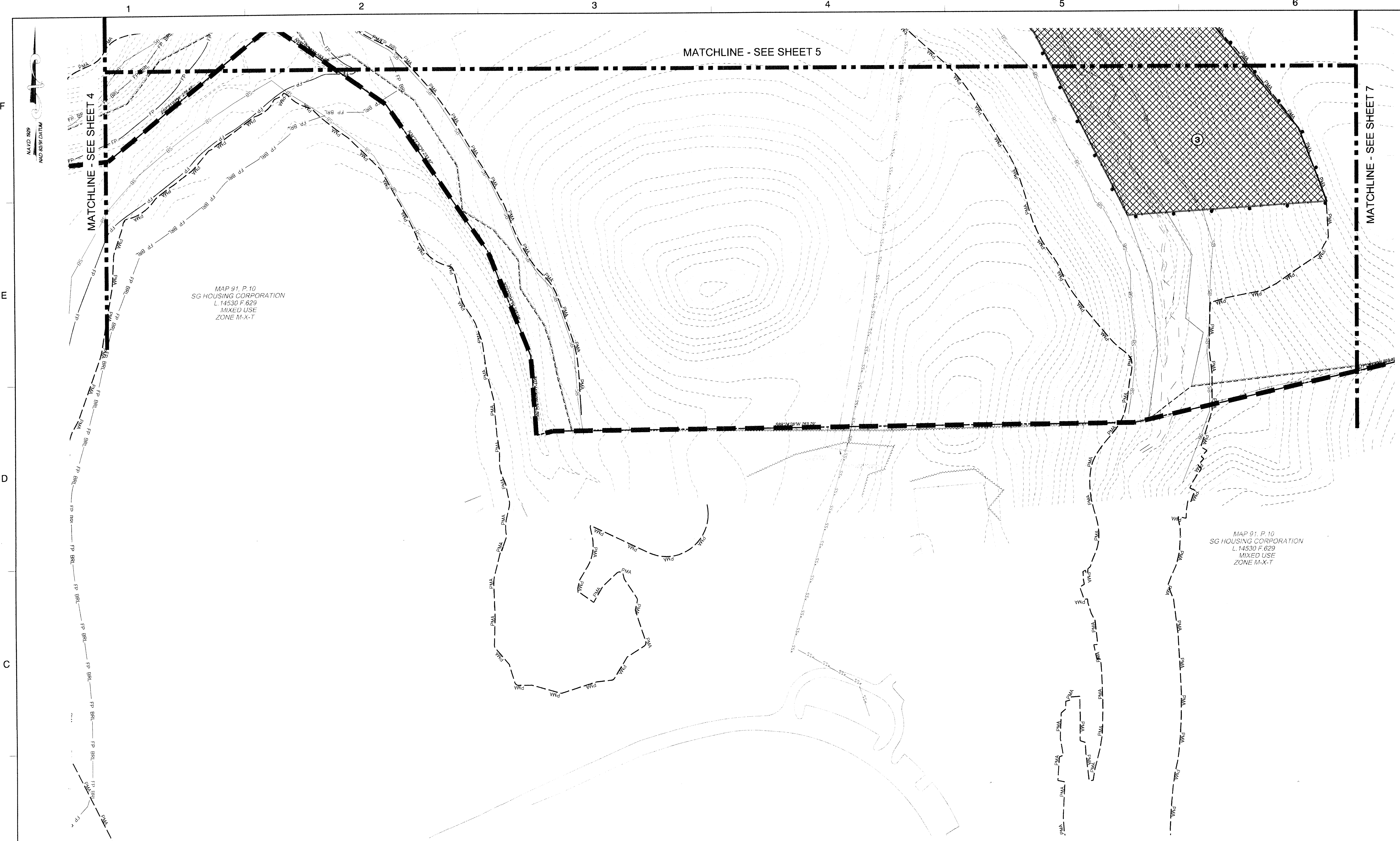
SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 98.91 - GRID: MULTIPLE
ADJUSTED PARCEL: PARCELS III, IV, V, VI, VII, VIII & IX
2007 MAP REFERENCE: 2005B-08-9, 2005B-08-9, 2007SEB8

SEAL
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. 10724
EXPIRATION DATE: JULY 14, 2014.

KEY PLAN
THIS TCPII PLAN SHEET CORRESPONDS
TO SHEET 8 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			
DEWBERRY JOB NO.: 50038403			
5			
SHEET NO. 5 OF 10			



Dewberry
Consultants LLC
Formerly known as
Dewberry & Davis LLC

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

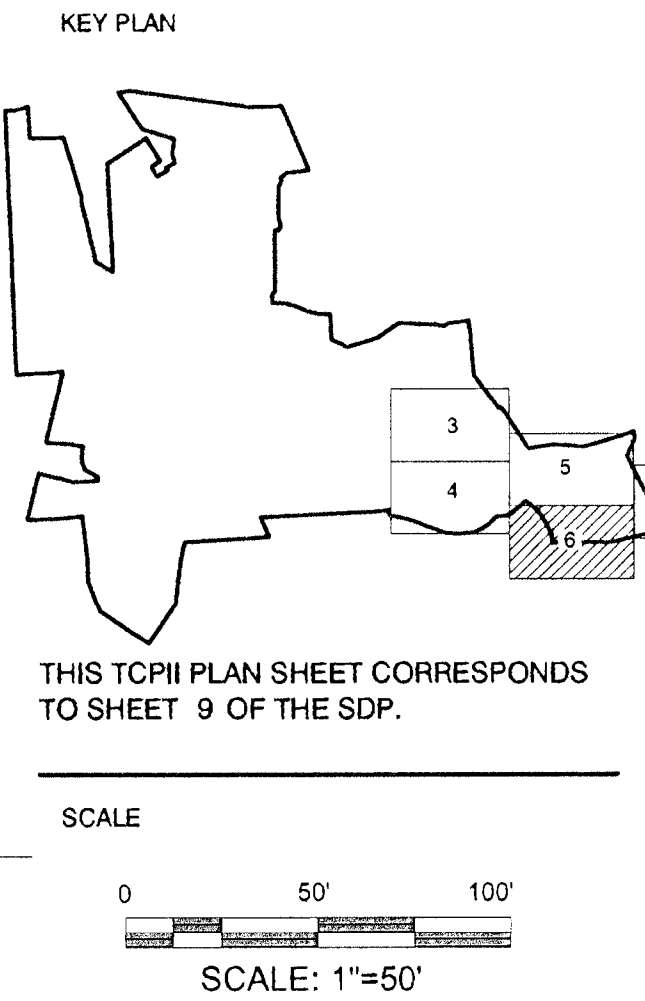
ATTORNEY/CONTACT:
MARVA JO CAMP
PH: 301-943-0255

ADDITIONAL CONTACT:
SEAN F. BRUCE
S. F. BRUCE DEVELOPMENT
PH: 301-502-0956

SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 90, 91 - GRID: MULTIPLE
ADJUSTED PARCEL I, PARCELS III, IV, V, VI, VII, VIII & IX
2007 MAP REFERENCE: 205SE08-09, 205SE09-09, 207SE08

SEAL

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. 10228,
EXPIRATION DATE: JULY 14, 2014.



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
DEWBERRY JOB NO. 50038403

SHEET 6	LABEL	AREA (ACRES)
WOODLAND RE/AFFORESTATION (WRA)	3	7.40

LEGEND

- EXISTING MAJOR CONTOUR (210, 212)
- EXISTING MINOR CONTOUR
- EXISTING ADJACENT PROPERTY
- EXISTING FOREST STAND
- EXISTING FLOOD PLAIN (FP)
- EXISTING FLOOD PLAIN SET BACK (FP BR)
- PATUXENT MANAGEMENT AREA (PMA)
- EXISTING STREAM (SB)
- EXISTING STREAM BUFFER
- EXISTING TREE LINE
- EXISTING NON-WOODLAND AREA
- LIMITS OF MARLBORO CLAY
- SPECIMEN TREE SIGN
- WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
- SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
- AFFORESTATION / REFORESTATION (5)
- SECTION XX - TCPII-XXX-XX
- SECTION XX - TCPII-XXX-XX
- SECTION LINE
- AFFORESTATION / REFORESTATION SIGN (1, 2, 3, 10)
- TREE PROTECTION FENCE (PERMANENT)

M.N.C.P.P.C. APPROVALS			
PROJECT NAME: SMITH HOME FARM			
PROJECT NUMBER: SDP-1302			
For Condition of Approval and All Part Code Sheet is Approved			
Reviewed by	Checked by	Reviewed by	Checked by
11/13/13	TK	11/13/13	TK

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
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.

STATE OF MARYLAND
DEPARTMENT OF GENERAL SERVICES
DIVISION OF GENERAL SERVICES
OFFICE OF THE STATE ARCHITECT
No. 1073

7-5-13

John [unclear]

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED AND
APPROVED BY ME, AND THAT I AM A
duly licensed landscape architect
UNDER THE LAWS OF THE STATE OF
MARYLAND LICENSE No. 1073.
EXPIRATION DATE: JULY 14, 2014.

SCALE

0 50' 100'

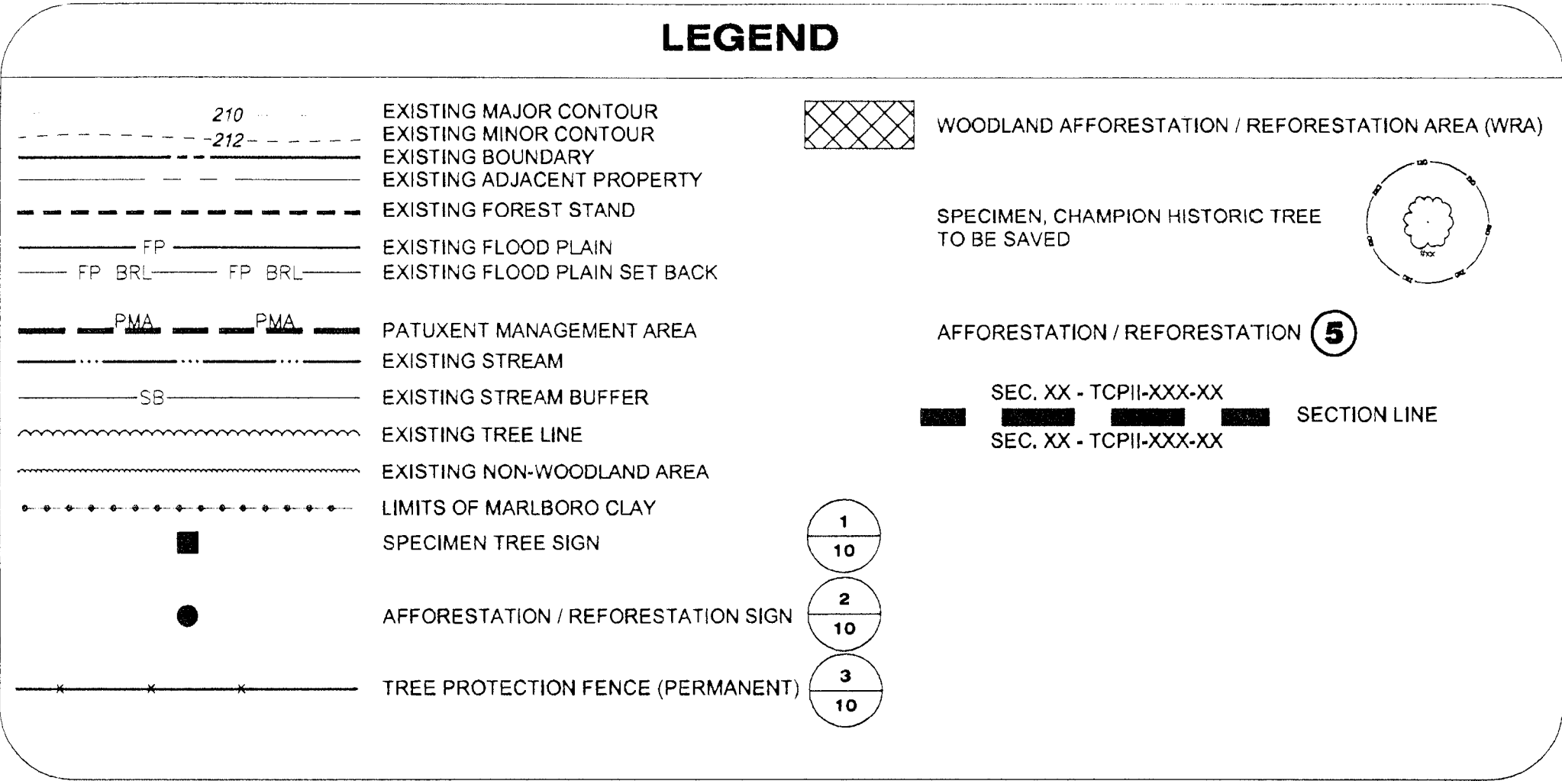
SCALE: 1"=50'

No.	DATE	BY	Description
REVISIONS			

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

DEWBERRY JOB NO. 50038403

SHEET NO. 7 OF 10



NOTE
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8-1-1 OR 1-800-257-7777
OR LOG ON TO
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ELEVATION OF THE MAINS BY DIGGING TEST PITS
BY HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

[illegible]

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

REFORESTATION/AFFORESTATION PLANT SCHEDULES

AFFORESTATION / REFORESTATION AREA #1 (SECTION 6)					Acreage	4.70	Upland Plantings
Species		Planting Stock			Reforestation	Percent of	
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity	Credits	Stocking
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	770	770	20.5%
<i>Cercis canadensis</i>	American Redbud	Seedling: 6'-18" HT.	1	Bare Root	310	310	8.2%
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	370	370	9.8%
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	770	770	20.5%
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	770	770	20.5%
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	770	770	20.5%
					Reforestation Units Provided	3,760	
					Total Reforestation Units Required	3,760	
					Excess	0	

AFFORESTATION / REFORESTATION AREA #2 (SECTION 6)					Acreage	5.66	Upland Plantings
Species		Planting Stock			Reforestation	Percent of Stocking	
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity	Credits	
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-15" HT.	1	Bare Root	950	950 21.0%	
<i>Carox canadensis</i>	Eastern Redbud	Seedling: 6'-15" HT.	1	Bare Root	275	275 6.1%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-15" HT.	1	Bare Root	453	453 10.0%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-15" HT.	1	Bare Root	950	950 21.0%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-15" HT.	1	Bare Root	950	950 21.0%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-15" HT.	1	Bare Root	950	950 21.0%	
					Reforestation Units Provided	4,528	
					Total Reforestation Units Required	4,528	
					Excess	0	

AFFORESTATION / REFORESTATION AREA #3 (SECTION 6)					Acreage		7.40		Upland Plantings	
Species			Planting Stock			Reforestation		Percent of		
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity	Credits		Stocking		
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	1,200	1,200	20.3%			
<i>Carica canadensis</i>	American Redbud	Seedling: 6'-18" HT.	1	Bare Root	530	530	9.0%			
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	590	590	10.0%			
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	1,200	1,200	20.3%			
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	1,200	1,200	20.3%			
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	1,200	1,200	20.3%			
						Reforestation Units Provided	5,920			
						Total Reforestation Units Required	5,920			
						Excess	0			

NOTES:

1. The following (lowland) species may be planted in the floodplain: Red Maple, Sweetgum, Loblolly Pine, American Sycamore, and Willow Oak.
2. 800 reforestation units (or 400 caliper inches) per acre rather than 1,000 units per acre has been used as directed by Pat Vance of MNCPPC Environmental Planning via meeting with Dewberry on 11/22/2011.

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>Cercia 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 Upland Forest Mix			
% of Mix	Latin Name	Common Name	Cultivar / Ecotype
4	<i>Agrostis perennans</i>	Autumn Bentgrass	PA
20	<i>Elymus virginicus</i>	Virginia Wildrye	Suther
25	<i>Panicum anceps</i>	Beaked Panicgrass	MD or SC
16	<i>Panicum clandestinum</i>	Deertongue	Tioga
17	<i>Tridens flavus</i>	Purple Top	MO
2	<i>Cornus florida</i>	Flowering Dogwood	Any
2	<i>Nyssa sylvatica</i>	Black Gum	Any
3	<i>Prunus serotina</i>	Black Cherry	Any
5	<i>Quercus alba</i>	White Oak	Any
5	<i>Quercus rubra</i>	Red Oak	Any
1	<i>Rhus typhina</i>	Staghorn Sumac	Any
100	Total		

Apply at 25 lbs/acre with 30 lbs/acre cover crop

For a cover crop use either grain oats (Jan 1 to Aug 1) or grain rye (Aug 1 to Jan 1).

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

Apply at 20 lbs/acre with 30 lbs grain rye/acre as a cover crop

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
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

<p>M-NPPC</p> <p>PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT</p> <p>ENVIRONMENTAL PLANNING SECTION</p> <p>APPROVAL</p> <p>TREE CONSERVATION PLAN</p> <p><u>TCPII-019-13</u></p>		<p>M.N.C.P.P.C. APPROVALS</p>	
<p>PROJECT NAME: SMITH HOME FARM</p>		<p>PROJECT NUMBER: SDP-1302</p>	
<p><small>For Condition of Approval use this Plan Cover Sheet in the Report *No Notations Listed Below Apply in the Report</small></p>			
<p>Approved by</p>	<p>Date</p>	<p>Signature</p>	<p>Notarary Signature</p>
<p>01 <i>K.F. White</i></p>	<p>11/08/13</p>	<p>11/8/13 JK</p>	<p>11/8/13</p>
02			
03			
04			
05			

