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SHEET NO. 1 OF 8

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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		
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)1 =	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				
TC2P #	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-57-06	TCPII-08-12	TCPII-08-12	TCPII-10-12	TCPII-11-12	TCPII-##	TCPII-##	TCPII-020-13	TCPII-019-13	TCPII-##	TCPII-##		
Plan Section or Name:	INFRA 1	SEC 1A	SEC 1B	SEC 2	SEC 3	INFRA 2	SEC 4	SEC 5	SEC 6	PARK	RETAINED		
Total area in this application (acres)	19.60	76.44	49.38	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	1.48	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	62.51	0.63	0.69	12.05	3.99	0.82	2.36	1.09	137.33	
Woodland in the Floodplain for this section	0.82	13.04	3.90	3.92	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	0.38	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	0.46	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			
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	180.24	190.30	191.68	200.28	201.78	201.98	204.20	204.60		
Afforestation Threshold (AFT) =	0.00	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 this 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		17.76	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	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 5/2011	-14.83	-70.56	-69.06	-119.53	-103.16	-104.65	-101.56	-61.00	-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	1.06	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	25.69	33.19	38.32	14.56	250.33	
Woodland Conservation Shortage/Suplus This Section	-14.83	-56.63	1.50	-50.47	16.37	-1.49	3.67	20.66	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: Signature Date

License Number: Signature Date

WORKSHEET NOTES:

1. OFF-SITE WOODLAND CONSERVATION SHALL BE PROCURED WITHIN THE SAME RIVER BASIN (PATUXENT) AND WITHIN PRINCE GEORGE'S COUNTY.
2. 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:

1. IF THE DEVELOPER OR BUILDER NO LONGER HAS AN INTEREST IN THE PROPERTY AND THE NEW OWNER DESIRES TO REMOVE A HAZARDOUS TREE OR PORTION THEREOF, THE NEW OWNER SHALL OBTAIN A WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR 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 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 TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

2. 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 2 (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.
3. 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 HERBICIDES SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS.
4. 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:	83.08			
Floodplain:	12.38			
Previously Dedicated Land:	0.00			
Net Tract (NTA):	50.70			
Property Description or Subdivision Name:	TCPII-020-13 Smith Home Farm Section 5			
Owner:	SHF Project Owner, LLC			
Address:	1999 Avenue of the Stars Los Angeles, CA 90067			
Phone:	310.824.2200			
TCPII Number:	TCPII/38/05			

Woodland Conservation Calculations:

	Net Tract (acres)	Floodplain (acres)	Off-site (acres)
Acres of Existing Woodland	3.98	3.52	0.00
Woodland Conservation Required for this Phase	15.60		
Area of Woodland Cleared per TCPII	98.47	4.90	9.27
Area of Woodland above WCT that was not cleared by TCPII	0.79	0.36	0.00
Additional Woodland Cleared by TCPII	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:	15.60		

Woodland Conservation Provided:	(acres)		
Woodland Preservation	3.19		
Afforestation / Reforestation	12.41 *		
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	15.60		

Area of net tract woodland not cleared	3.19	acres	
Woodland retained not part of requirements:	0.00	acres	

Prepared by: Torben Agesen

Address: 10003 Derakwood Lane, Ste. 204
Lanham, MD 20706

Phone: 301.364.1864

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

PLANTING SPECIFICATION NOTES

1. QUANTITY: (SEE PLANT SCHEDULE)
2. TYPE: (SEE PLANT SCHEDULE)
3. 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.

4. 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.
5. TIMING OF PLANTING: THE BEST TIME TO PLANT SEEDLINGS IS WHILE THEY ARE DORMANT, PRIOR TO SPRING BUDDING. THE MOST SUITABLE MONTHS FOR PLANTING ARE MARCH AND APRIL, WHEN THE SOIL IS MOIST, BUT MAY BE PLANTED FROM MARCH THROUGH NOVEMBER. NO PLANTING SHALL BE DONE WHILE GROUND IS FROZEN. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE ISSUANCE OF GRADING/BUILDING PERMITS AND/OR REACHING THE FINAL GRADDES AND STABILIZATION OF PLANTING AREAS.
6. 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. 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 PREPARER OF THIS TREE CONSERVATION PLAN MUST BE CONTACTED AND GIVE HIS APPROVAL BEFORE PLANTING MAY BEGIN.
7. 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.
8. 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.
9. SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.
10. 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.
11. PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN.
12. MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDED HARDWOOD MUGH (AS NOTED) TO EACH PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN).
13. 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.
14. MOWING: NO MOWING SHALL BE ALLOWED IN ANY PLANTING AREA.
15. 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.
16. 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 RECORDED OF THE OFF-SITE CONSERVATION SHALL BE PROVIDED TO THE MNCNPPC, PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.

TREE PRESERVATION AND RETENTION NOTES

1. 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.
2. TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN.
3. 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.
4. 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.
5. 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

6. 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.
7. 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.
8. 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.
9. 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 AREAS 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 NECESSARY 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.

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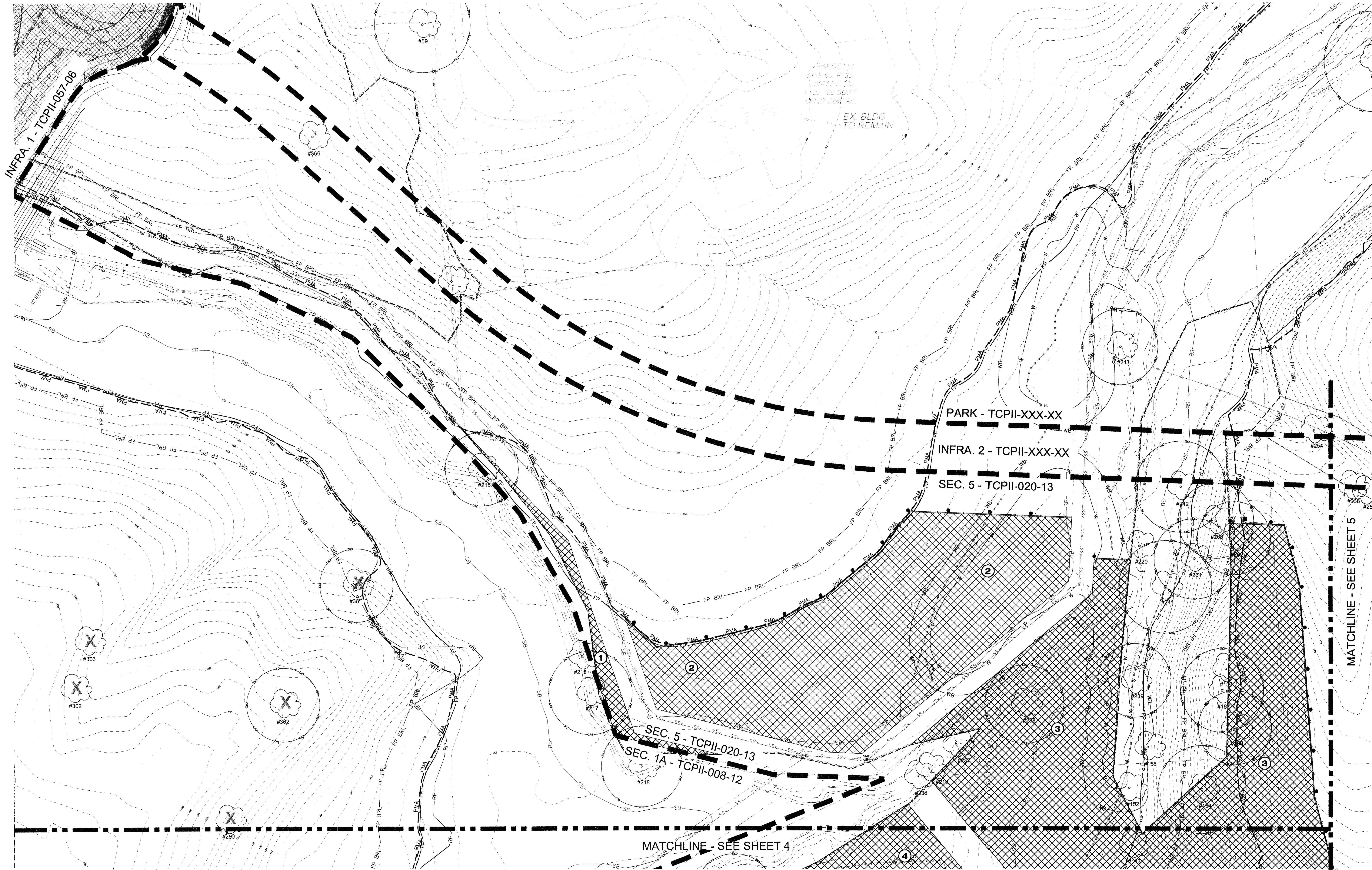
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PARCELS BY
PLAN BL. P. 22
1/20/2013 P. 22
1/20/2013 P. 22
1/20/2013 P. 22
1/20/2013 P. 22
EX BLDG.
TO REMAIN

SHEET 3	LABEL	AREA (ACRES)
WOODLAND RE/AFFORESTATION (WRA)	1	0.13
WOODLAND RE/AFFORESTATION (WRA)	2	1.88
WOODLAND RE/AFFORESTATION (WRA)	3	3.73
WOODLAND RE/AFFORESTATION (WRA)	4	1.93

LEGEND

210 ——— EXISTING MAJOR CONTOUR
212 ——— EXISTING MINOR CONTOUR
——— EXISTING BOUNDARY
——— EXISTING ADJACENT PROPERTY
——— EXISTING FOREST STAND
——— EXISTING FLOOD PLAIN
——— EXISTING FLOOD PLAIN SET BACK
PMA ——— PATUXENT MANAGEMENT AREA
——— EXISTING STREAM
——— EXISTING STREAM BUFFER
——— EXISTING TREE LINE
——— EXISTING NON-WOODLAND AREA

■ 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

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
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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.

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-020-13

Approved by *K.F. Mui* Date *11/06/13*

PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1302

M.N.C.P.P.C. APPROVALS

Signature	Date	Signature	Date
<i>K.F. Mui</i>	<i>11/06/13</i>	<i>J.R.</i>	<i>11/13/13</i>

Dewberry

Dewberry
Consultants LLC
Formerly known as
Dewberry & Davis LLC

10003 DEREKWOOD LANE
SUITE 204
LANHAM, MD 20706
301.721.5353
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: 301-502-0655

SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 90.91 - GRID: MULTIPLE
ADJUSTED PARCEL 1, PARCELS III, IV, VI, VII, VIII & IX
2007 MAP REFERENCE: 20SS08-09, 20SS09-09, 20TSS08-09

SEAL
Professional Engineer
No. 10713
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. 0220,
EXPIRATION DATE: JULY 14, 2014.

KEY PLAN
THIS TCPII PLAN SHEET CORRESPONDS
TO SHEET 3 OF THE SDP.

SCALE
0 50' 100'
SCALE: 1"=50'

REVISIONS

No.	DATE	BY	Description

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

TITLE
**TYPE II TREE
CONSERVATION
PLAN
SECTION 5**

DEWBERRY JOB NO. 50038403

3

SHEET NO. 3 OF 8

SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 98, 91 - GRID: MULTIPLE
ADJUSTED PARCEL: PARCELS III, IV, V, VII, VIII & X
2007 MAP REFERENCE: 20SS5E08-09, 20SS5E09-09, 20TS5E08

SEAL

STATE OF MARYLAND
FOREST & GARDEN
No. 1078
THOMAS AND SONS, INC.
7-5-13
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. 1078.
EXPIRATION DATE: JULY 14, 2014.

THIS TPOII PLAN SHEET CORRESPONDS
TO SHEET 4 OF THE SDP.

SCALE

0 50' 100'

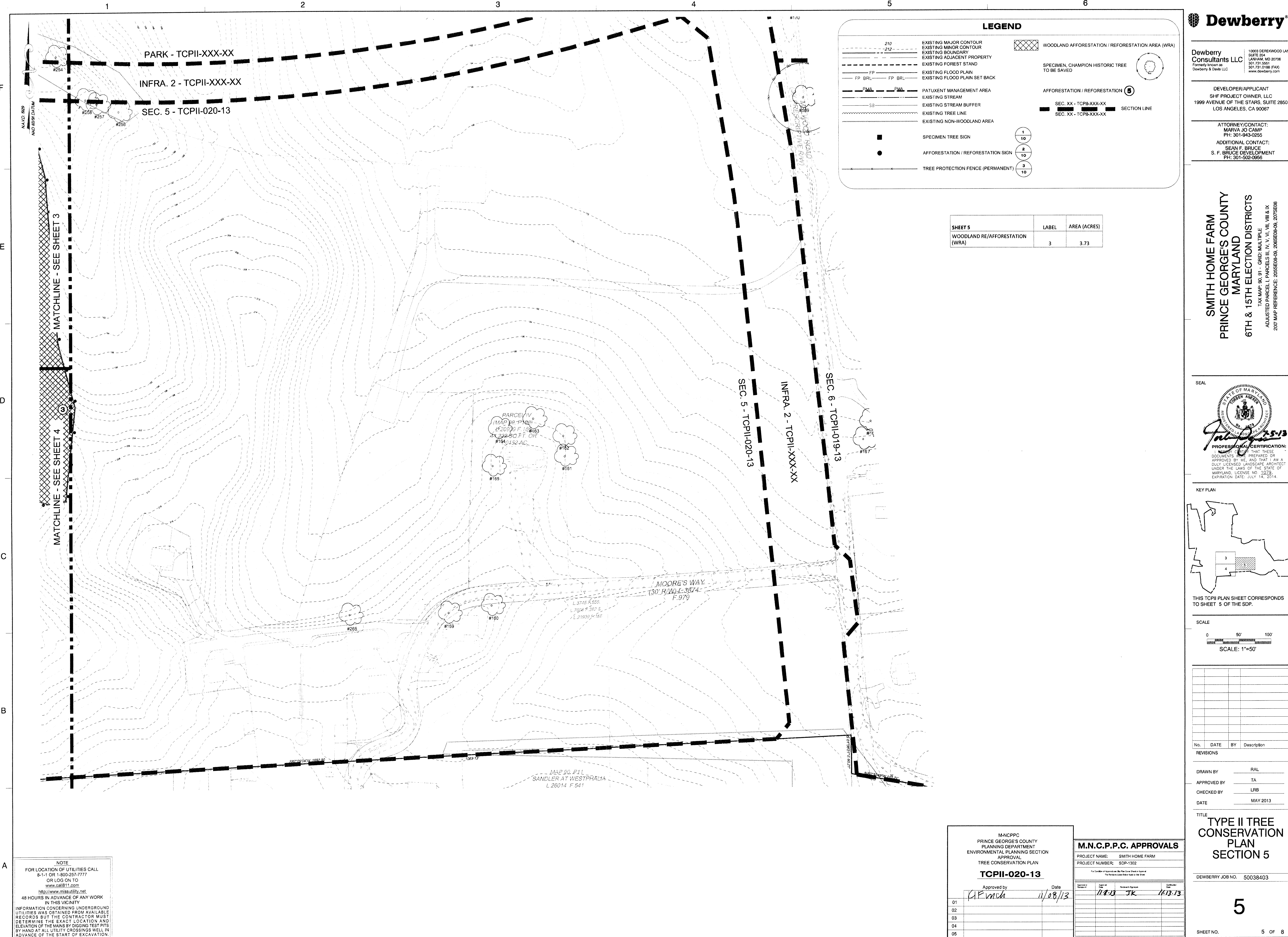
SCALE: 1"=50'

[illegible]

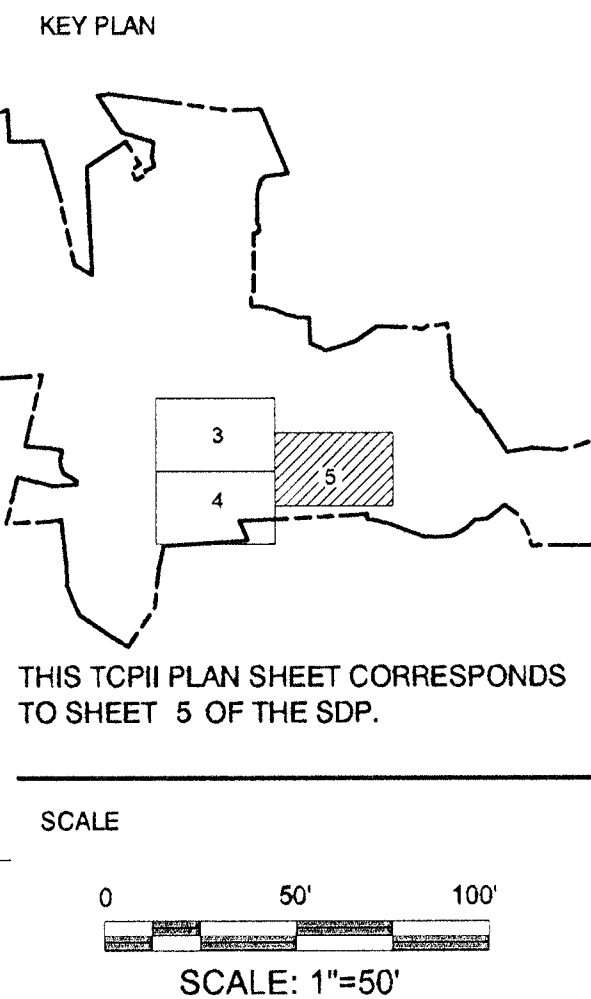
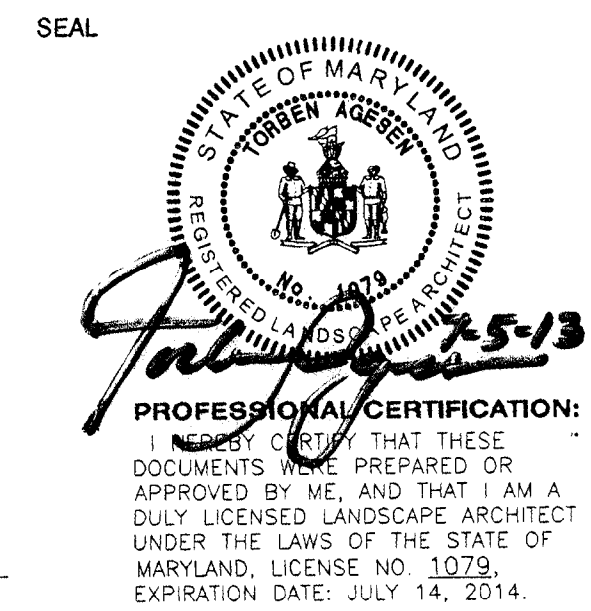
DRAWN BY	_____RAL_____
APPROVED BY	_____TA_____
CHECKED BY	_____LRB_____
DATE	_____MAY 2013_____

TITLE
TYPE II TREE
CONSERVATION
PLAN
SECTION 5

DEWBERRY JOB NO. 50038403



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, VII, VIII & IX
2007 MAP REFERENCE: 205SE08-09, 206SE09-09, 207SE08



No.	DATE	BY	Description
REVISIONS			
DRAWN BY: RAL			
APPROVED BY: TA			
CHECKED BY: LRB			
DATE: MAY 2013			
TITLE: TYPE II TREE CONSERVATION PLAN SECTION 5			
DEWBERRY JOB NO. 50038403			
5			
SHEET NO. 5 OF 8			

F

E

D

C

B

A

SPECIMEN, CHAMPION, AND HISTORIC TREES SUMMARY

Note: Trees were tagged with a metal tag corresponding to the number below. Tags were placed approximately 5' from the ground with colored flagging attached. Tree locations are approximate.

Tag #	Common Name	Scientific Name	DBH (Inches)	Remarks/Condition	Proposed Disposition	Plan Section
1	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Good	Save	offsite
2	Southern Red Oak	<i>Quercus falcata</i>	34	Poor, trunk damage	Save	offsite
3	Southern Red Oak	<i>Quercus falcata</i>	39	Fair, twin	Save	2
4	White Oak	<i>Quercus alba</i>	43	Fair	Save	offsite
5	White Oak	<i>Quercus alba</i>	40	Good	Save	2
6	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	2
7	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	2
8	White Oak	<i>Quercus alba</i>	50	Good	Save	offsite
9	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair	Save	2
10	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	2
11	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair, twin	Save	offsite
12	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Good	Save	offsite
13	Southern Red Oak	<i>Quercus falcata</i>	30	Good	Save	offsite
14	Red Maple	<i>Acer rubrum</i>	45	Fair, 3 stem	Save	2
15	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Good	Remove	2
16	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Good	Remove	2
17	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair, twin with #18	Remove	2
18	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair, twin with 30"	Remove	2
19	Pin Oak	<i>Quercus palustris</i>	36	Poor, insect damage	Remove	2
20	Red Maple	<i>Acer rubrum</i>	34	Good	Remove	2
21	Tulip Tree	<i>Liriodendron tulipifera</i>	53	Fair, twin	Save	offsite
22	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Save	offsite
23	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Good	Remove	2
24	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Fair	Remove	2
25	White Oak	<i>Quercus alba</i>	39	Poor, half missing	Remove	2
26	White Oak	<i>Quercus alba</i>	32	Fair	Save	2
27	White Oak	<i>Quercus alba</i>	30	Good	Remove	2
28	American Beech	<i>Fagus grandifolia</i>	39	Poor	Save	2
29	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Remove	2
30	Tulip Tree	<i>Liriodendron tulipifera</i>	39	Fair	Remove	2
31	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Good	Remove	2
32	Green Ash	<i>Fraxinus pennsylvanica</i>	49	Fair	Save	park
33	Red Maple	<i>Acer rubrum</i>	40	Fair, stream bank	Save	park
34	Tulip Tree	<i>Liriodendron tulipifera</i>	39	Good	Save	park
35	American Beech	<i>Fagus grandifolia</i>	30	Good	Save	park
36	Tulip Tree	<i>Liriodendron tulipifera</i>	52	Fair	Save	park
37	Sweetgum	<i>Liquidambar styraciflua</i>	31	Good	Save	park
38	Red Maple	<i>Acer rubrum</i>	46	Fair	Save	park
39	Sycamore	<i>Platanus occidentalis</i>	37	Fair, stream bank	Save	park
40	Sycamore	<i>Platanus occidentalis</i>	50	Fair	Save	infra 2
41	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Fair	Save	park
42	Tulip Tree	<i>Liriodendron tulipifera</i>	49	Good	Save	park
43	Tulip Tree	<i>Liriodendron tulipifera</i>	46	Good	Save	park
44	Pin Oak	<i>Quercus palustris</i>	45	Fair, insect damage	Save	4
45	Pin Oak	<i>Quercus palustris</i>	38	Good	Save	4
46	Tulip Tree	<i>Liriodendron tulipifera</i>	46	Good	Save	4
47	Pin Oak	<i>Quercus palustris</i>	47	Good	Save	4
48	Pin Oak	<i>Quercus palustris</i>	42	Good	Save	retained
49	Tulip Tree	<i>Liriodendron tulipifera</i>	43	Good	Save	retained
50	Red Maple	<i>Acer rubrum</i>	50	Poor, 1/2 missing	Save	retained
51	Sweetgum	<i>Liquidambar styraciflua</i>	34	Good	Save	retained
52	River Birch	<i>Betula nigra</i>	33	Fair	Save	retained
53	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Fair	Save	offsite
54	Tulip Tree	<i>Liriodendron tulipifera</i>	46	Fair	Save	retained
55	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Very poor, damaged	Save	retained
56	Sycamore	<i>Platanus occidentalis</i>	37	Fair, twin	Save	park
57	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Poor	Save	park
58	Pin Oak	<i>Quercus palustris</i>	31	Good	Save	park
59	Red Oak	<i>Quercus rubra</i>	39	Fair	Save	park
60	Silver Maple	<i>Acer saccharinum</i>	31	Fair	Save	park
61	Silver Maple	<i>Acer saccharinum</i>	31	Poor	Save	park
62	Silver Maple	<i>Acer saccharinum</i>	35	Fair	Save	park
63	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Good	Save	park
64	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Fair, twin with 65	Save	park
65	Tulip Tree	<i>Liriodendron tulipifera</i>	38	Fair	Save	park
66	Silver Maple	<i>Acer saccharinum</i>	65	Fair, 4 stems	Save	park
67	Black Cherry	<i>Prunus serotina</i>	40	Poor, damaged	Remove	3
68	Tulip Tree	<i>Liriodendron tulipifera</i>	58	Fair	Save	3
69	Sycamore	<i>Platanus occidentalis</i>	30	Fair	Save	park
70	Silver Maple	<i>Acer saccharinum</i>	40	Fair, 6 stems	Save	park
71	Silver Maple	<i>Acer saccharinum</i>	44	Fair, 4 stems	Save	park
72	Silver Maple	<i>Acer saccharinum</i>	39	Good, stream bank	Save	park
73	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Fair, 3 stems	Save	park
74	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair, 3 stems	Save	park
75	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Poor	Save	park
76	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Good	Remove	park
77	Tulip Tree	<i>Liriodendron tulipifera</i>	60	Fair, 3 stems	Save	park
78	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Poor	Save	park
79	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	park
80	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair, twin with 81	Save	park
81	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair, twin	Save	park
82	Silver Maple*	<i>Acer saccharinum</i>	67	Fair	Save	park
83	Silver Maple	<i>Acer saccharinum</i>	59	Fair	Save	park
84	Silver Maple*	<i>Acer saccharinum</i>	75	Fair	Save	park
85	Silver Maple	<i>Acer saccharinum</i>	50	Good	Save	park
86	Black Walnut	<i>Juglans nigra</i>	34	Fair	Save	park
87	Silver Maple	<i>Acer saccharinum</i>	40	Fair	Save	park
88	Pin Oak	<i>Quercus palustris</i>	38	Good	Save	park
89	Pin Oak	<i>Quercus palustris</i>	30	Good	Save	park
90	Silver Maple	<i>Acer saccharinum</i>	47	Good	Save	park

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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.

91	Black Walnut	<i>Juglans nigra</i>	30	Poor	Save	park
92	Black Walnut	<i>Juglans nigra</i>	30	Fair	Save	6
93	Pin Oak	<i>Quercus palustris</i>	32	Good	Save	park
94	Silver Maple	<i>Acer saccharinum</i>	44	Poor, trunk damage	Save	park
95	Pin Oak	<i>Quercus palustris</i>	34	Good	Save	park
96	Cedar	<i>Juniperus sp.</i>	30	Good	Save	4
97	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Save	4
98	Red Maple	<i>Acer rubrum</i>	34	Fair	Save	4
99	Tulip Tree	<i>Liriodendron tulipifera</i>	45	Good	Save	4
100	Black Locust	<i>Robinia pseudoacacia</i>	36	Poor	Save	4
101	Sweetgum	<i>Liquidambar styraciflua</i>	35	Fair	Save	6
102	Sweetgum	<i>Liquidambar styraciflua</i>	34	Fair	Save	6
103	American Beech	<i>Fagus grandifolia</i>	40	Good	Save	6
104	Red Maple	<i>Acer rubrum</i>	35	Good	Save	6
105	Red Maple	<i>Acer rubrum</i>	30	Fair	Save	6
106	Red Maple	<i>Acer rubrum</i>	52	Poor	Save	6
107	Sweetgum	<i>Liquidambar styraciflua</i>	31	Fair	Save	6
108	Red Maple	<i>Acer rubrum</i>	35	Good	Save	6
109	Tulip Tree	<i>Liriodendron tulipifera</i>	52	Poor	Save	6
109 A	Sweetgum	<i>Liquidambar styraciflua</i>	51	Fair	Save	6
110	Sweetgum	<i>Liquidambar styraciflua</i>	33	Fair	Save	6
111	Sweetgum	<i>Liquidambar styraciflua</i>	37	Good	Save	6
112	Elm	<i>Ulmus sp.</i>	36	Fair	Save	6
113	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair, twin	Save	4
114	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	4
115	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Good	Save	offsite
116	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Good	Save	offsite
117	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Good	Save	offsite
118	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Good	Save	4
119	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Good	Save	4
120	Tulip Tree	<i>Liriodendron tulipifera</i>	38	Fair	Save	4
121	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair, twin with 29"	Save	4
122	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Good	Save	4
123	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair	Save	offsite
124	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Save	4
125	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	4
126	Elm	<i>Ulmus sp.</i>	36	Fair, twin	Save	4
127	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Fair	Save	4
128	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Save	4 church
129	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Fair	Save	4 church
130	Tulip Tree	<i>Liriodendron tulipifera</i>	45	Fair, trash in area	Save	4 church
131	Tulip Tree	<i>Liriodendron tulipifera</i>	51	Fair, twin	Save	4 church
132	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	4
133	American Beech	<i>Fagus grandifolia</i>	32	Fair	Save	4
134	American Beech	<i>Fagus grandifolia</i>	32	Fair, trash in area	Save	4
135	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Good	Save	4
136	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair, stream bank	Save	4
137	White Oak	<i>Quercus alba</i>	30	Good	Save	4
138	White Oak	<i>Quercus alba</i>	33	Good	Save	4
139	White Oak	<i>Quercus alba</i>	33	Good	Save	4
140	White Oak	<i>Quercus alba</i>	36	Good, stream bank	Save	4
141	Tulip Tree	<i>Liriodendron tulipifera</i>	39	Fair	Save	4
142	White Oak	<i>Quercus alba</i>	34	Good	Save	4
143	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair, head of swale	Save	4
144	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Fair	Save	4
145	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Good, stream bank	Save	4
146	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Save	4
147	Red Oak	<i>Quercus rubra</i>	34	Fair	Save	4
148	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	4
149	Tulip Tree	<i>Liriodendron tulipifera</i>	42	Fair	Save	4
150	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	4
151	Tulip Tree	<i>Liriodendron tulipifera</i>	42	Good	Save	4
152	Red Maple	<i>Acer rubrum</i>	33	Poor	Save	5
153	American Beech	<i>Fagus grandifolia</i>	34	Good	Save	5
154	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Good	Save	5
155	American Beech	<i>Fagus grandifolia</i>	30	Good	Save	5
156	Tulip Tree	<i>Liriodendron tulipifera</i>	40	Fair	Save	5
157	White Oak	<i>Quercus alba</i>	34	Fair	Save	5
158	Black Gum	<i>Nyssa sylvatica</i>	30	Fair	Save	5
159	Silver Maple	<i>Acer saccharinum</i>	36	Poor	Save	5
160	Silver Maple	<i>Acer saccharinum</i>	52	Fair	Save	5
161	Red Maple	<i>Acer rubrum</i>	39	Fair	Save	5
162	Red Maple	<i>Acer rubrum</i>	36	Fair	Save	5
163	Norway Maple	<i>Acer platanoides</i>	51	Fair	Save	5
164	Norway Maple	<i>Acer platanoides</i>	34	Fair	Save	5
165	Red Maple	<i>Acer rubrum</i>	35	Poor	Save	5
166	Red Maple	<i>Acer rubrum</i>	31	Fair	Save	6
167	Red Maple	<i>Acer rubrum</i>	30	Poor	Save	6
168	Hickory	<i>Carya sp.</i>	31	Poor	Save	6
169	Black Locust	<i>Robinia pseudoacacia</i>	36	Poor	Save	6
170	Black Locust	<i>Robinia pseudoacacia</i>	30	Fair	Save	park
171	Black Locust	<i>Robinia pseudoacacia</i>	35	Poor	Save	park
172	Silver Maple	<i>Acer saccharinum</i>	46	Fair	Save	park
173	Silver Maple	<i>Acer saccharinum</i>	35	Fair	Save	park
174	Silver Maple	<i>Acer saccharinum</i>	49	Fair	Save	park
175	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	park
176	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Save	park
177	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Save	park
178	Black Walnut	<i>Juglans nigra</i>	31	Fair	Save	6
179	Black Locust	<i>Robinia pseudoacacia</i>	36	Poor	Save	6
180	Osage Orange*	<i>Maclura pomifera</i>	57	Fair, covered in English Ivy	Save	6
181	Hickory	<i>Carya sp.</i>	33	Fair	Save	6
182	Black Gum*	<i>Nyssa sylvatica</i>	44	Fair	Save	6

183	Black Gum*	Nyssa sylvatica	54	Fair	Save	6
184	Beech	Fagus sp.	43	Fair	Save	6
185	Red Maple	Acer rubrum	30	Good	Save	6
186	Silver Maple	Acer saccharinum	34	Poor	Save	6
187	Black Walnut	Juglans nigra	31	Fair	Save	6
188	Silver Maple	Acer saccharinum	48	Poor	Save	park
189	Silver Maple	Acer saccharinum	42	Fair	Save	park
190	Pin oak	Quercus palustris	30	Good	Save	park
191	Red Maple	Acer rubrum	39	Fair	Save	park
192	Red Oak	Quercus rubra	46	Fair, twin	Save	5
193	Red Oak	Quercus rubra	31	Good	Save	5
194	Red Oak	Quercus rubra	38	Good	Save	5
195	Tulip Tree	Liriodendron tulipifera	40	Good	Save	5
196	White Oak	Quercus alba	50	Fair, stream bank	Save	5
197	Red Oak	Quercus alba	32	Fair	Save	5
198	Tulip Tree	Liriodendron tulipifera	30	Good	Save	5
199	Tulip Tree	Liriodendron tulipifera	32	Good	Save	5
200	Tulip Tree	Liriodendron tulipifera	41	Fair	Remove	1A
201	Number not used					
202	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	1b
203	Tulip Tree	Liriodendron tulipifera	32	Good	Save	1b
204	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	1b
205	Tulip Tree	Liriodendron tulipifera	31	Fair	Save	1b
206	Southern Red Oak	Quercus falcata	36	Fair	Save	1b
207	Black Walnut	Juglans nigra	38	Fair	Save	1b
208	Tulip Tree	Liriodendron tulipifera	43	Fair	Save	1b
209	Tulip Tree	Liriodendron tulipifera	45	Fair	Save	offsite
210	Tulip Tree	Liriodendron tulipifera	31	Fair	Remove	1b
211	Number not used					
212	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	1b
213	Tulip Tree	Liriodendron tulipifera	34	Fair	Save	1b
214	Tulip Tree	Liriodendron tulipifera	41	Fair	Save	1b
215	Black Walnut	Juglans nigra	30	Fair	Save	1a
216	Sycamore	Platanus occidentalis	32	Fair	Save	1a
217	Sycamore	Platanus occidentalis	34	Fair	Save	1a
218	Sycamore	Platanus occidentalis	33	Fair	Save	1a
219	Sycamore	Platanus occidentalis	32	Fair	Save	5
220	Red Maple	Acer rubrum	30	Fair	Save	5
221-225	Numbers not used					
226	Tulip Tree	Liriodendron tulipifera	35	Fair	Save	5
227-230	Numbers not used					
231	Tulip Tree	Liriodendron tulipifera	31	Fair	Save	1A
232	Number not used					
233	Tulip Tree	Liriodendron tulipifera	39	Fair	Save	1a
234-235	Numbers not used					
236	Pin Oak	Quercus palustris	34	Fair	Save	5
237	Sweetgum	Liquidambar styraciflua	31	Fair	Save	5
238	Sweetgum	Liquidambar styraciflua	32	Fair, twin	Save	5
239	Sweetgum	Liquidambar styraciflua	30	Fair	Save	5
240	Number not used					
241	Tulip Tree	Liriodendron tulipifera	38	Fair	Save	5
242	Tulip Tree	Liriodendron tulipifera	37	Fair	Save	5
243	Sycamore	Platanus occidentalis	31	Fair	Save	park
244-245	Numbers not used					
246	Sycamore	Platanus occidentalis	41	Fair	Save	park
247	Tulip Tree	Liriodendron tulipifera	48	Fair	Save	park
248	Silver Maple	Acer saccharinum	45	Fair	Save	park
249	Number not used					
250	Black Walnut	Juglans nigra	34	Poor	Save	park
251-253	Numbers not used					
254	Southern Red Oak	Quercus falcata	34	Fair	Save	park
255	Number not used					
256	Tulip Tree	Liriodendron tulipifera	31	Fair	Save	5
257	Tulip Tree	Liriodendron tulipifera	35	Fair	Save	5
258	Tulip Tree	Liriodendron tulipifera	32	Fair	Save	5
259-261	Numbers not used					
262	American Beech	Fagus grandifolia	30	Fair	Save	5
263	Tulip Tree	Liriodendron tulipifera	31	Fair	Save	5
264	Tulip Tree	Liriodendron tulipifera	33	Fair	Save	5
265	Black Walnut	Juglans nigra	33	Poor	Save	5
266-269	Numbers not used					
270	Tulip Tree	Liriodendron tulipifera	53	Fair	Save	5
271-288	Numbers not used					
289	Tulip Tree	Liriodendron tulipifera	31	Fair	Remove	1a
290	Number not used					
291	Virginia Pine	Pinus virginiana	31	Poor	Remove	1a
292	Tulip Tree	Liriodendron tulipifera	31	Fair	Remove	1a
293-294	Numbers not used					
295	Silver Maple	Acer saccharinum	33	Fair	Remove	infra 1
296-299	Numbers not used					
300	Silver Maple	Acer saccharinum	37	Fair	Remove	1a
301	Tulip Tree	Liriodendron tulipifera	34	Fair	Remove	infra 1
302	Tulip Tree	Liriodendron tulipifera	43	Fair	Remove	1a
303	Southern Red Oak	Quercus falcata	30	Fair	Remove	1a
304	Silver Maple	Acer saccharinum	36	Fair, 2 of 11 stems	Save	1b
305	Silver Maple	Acer saccharinum	34	Fair, 2 of 11 stems	Save	1b
306	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	1b
307-308	Numbers not used					
309	Red Maple	Acer rubrum	37	Fair	Remove	1b
310	Red Maple	Acer rubrum	42	Fair	Remove	1b
311	Red Maple	Acer rubrum	35	Fair	Remove	1b
312	Tulip Tree	Liriodendron tulipifera	38	Fair	Remove	1b
313	Tulip Tree	Liriodendron tulipifera	38	Good	Save	1a
314	Tulip Tree	Liriodendron tulipifera	37	Fair	Remove	1a

AFFORESTATION / REFORESTATION AREA #5 (SECTION 5)						Acreage	0.15	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	35	35	29.2%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6"-18" HT.	1	Bare Root	25	25	20.8%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6"-18" HT.	1	Bare Root	10	10	8.3%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6"-18" HT.	1	Bare Root	25	25	20.8%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6"-18" HT.	1	Bare Root	25	25	20.8%	
					Reforestation Units Provided	120		
					Total Reforestation Units Required	120		
					Excess	0		

Botanical Name	Common Name	Size	Type	Quantity	%Stocking
<i>Acer rubrum</i>	Red Maple	Seedling: 6"-18" HT.	Bare Root	1,750	21.4%
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6"-18" HT.	Bare Root	580	8.3%
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6"-18" HT.	Bare Root	1,720	21.0%
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6"-18" HT.	Bare Root	767	9.4%
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6"-18" HT.	Bare Root	1,550	18.9%
<i>Quercus phellos</i>	Willow Oak	Seedling: 6"-18" HT.	Bare Root	1,550	18.9%
<i>Quercus rubra</i>	Red Oak	Seedling: 6"-18" HT.	Bare Root	175	2.1%
TOTAL				8,192	100.0%

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

