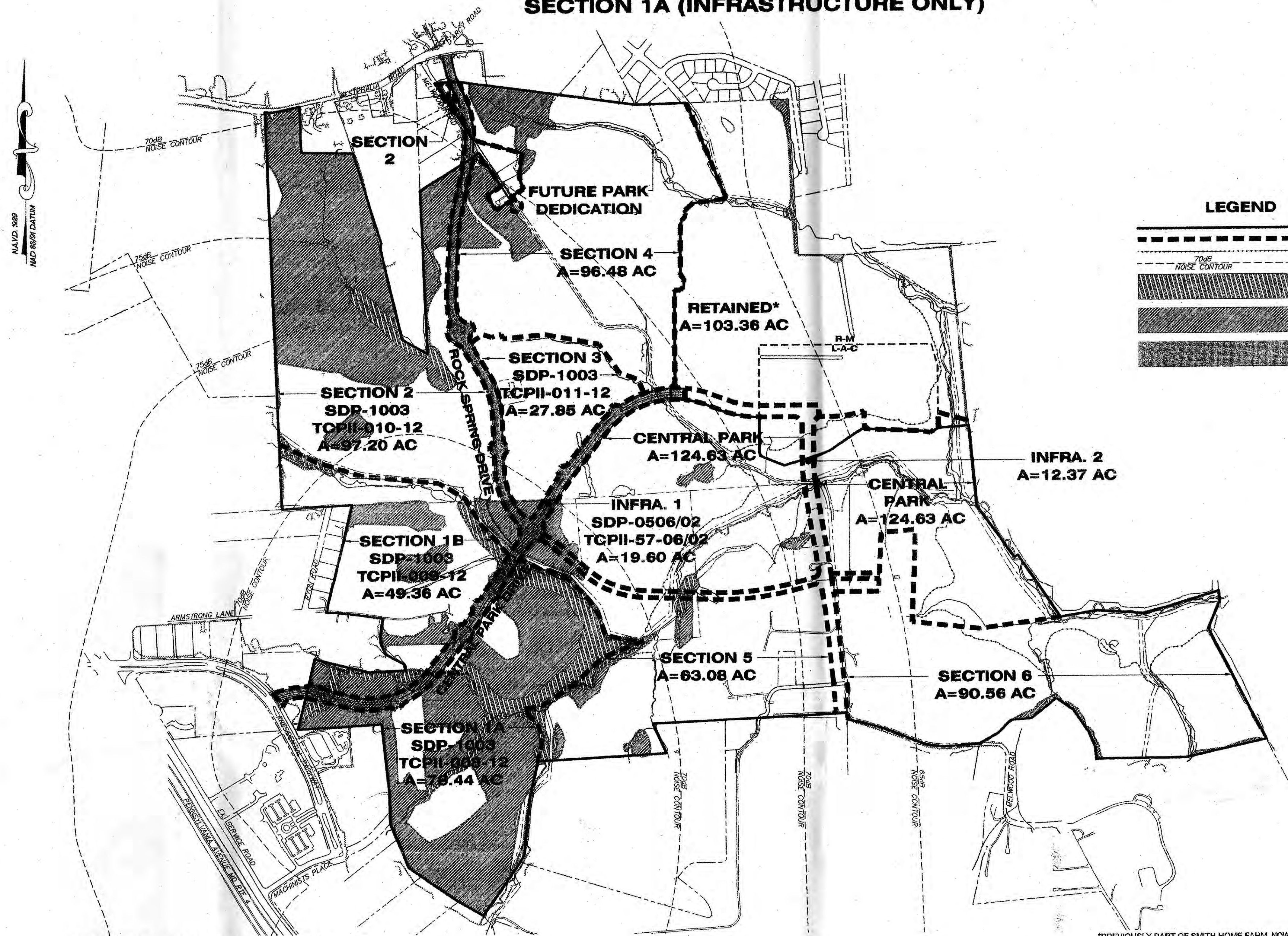


NOTE:
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.gis911.com
http://www.mde.state.md.net
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE THE EXACT LOCATION AND
ELEVATION OF THE MAINS BY DIGGING TEST PITS
BY HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

SMITH HOME FARM

TYPE II TREE CONSERVATION PLAN FOR LOTS AND PARCELS

SECTION 1A (INFRASTRUCTURE ONLY)



SECTION AND LOCATION PLAN
SCALE: 1"=500'

WOODLAND AREA SUMMARY TABLE

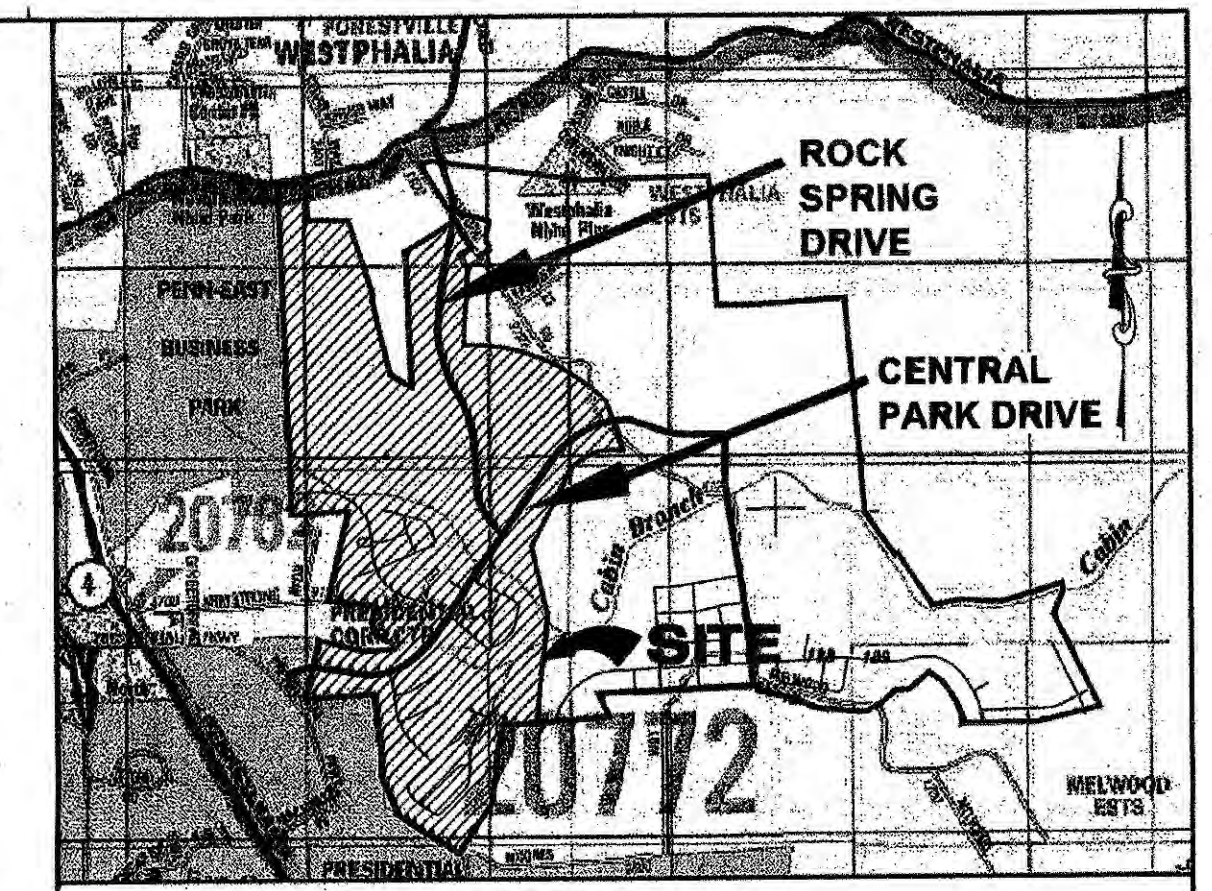
WOODLAND CLEARED (C-NTA)			WOODLAND CLEARED FLOODPLAIN AREA (C-FP)			WOODLAND CLEARED OFFSITE AREA (C-OS) &/OR PMA		
LABEL	PHASE	AREA	LABEL	PHASE	AREA	LABEL	PHASE	AREA
1A1	1A	37.05	1A2	1A	2.08	1A3	1A(C-PMA)	0.49
						1A4	1A (C-PMA)	0.3
						1A5	1A (C-OS)	0.46
TOTAL		37.05	TOTAL		2.08	TOTAL		1.25

AFFORESTATION AREA SUMMARY TABLE

WOODLAND REAFFORESTATION (WRA)		
LABEL	PHASE	AREA
1	1A	0.31
2	1A	0.05
3	1A	0.3
4	1A	0.16
5	1A	0.79
6	1A	0.95
7	1A	0.58
8	1A	0.73
9	1A	0.14
10	1A	0.79
11	1A	0.07
12	1A	0.06
13	1A	0.64
14	1A	0.02
TOTAL		5.59

WOODLAND CONSERVATION SUMMARY TABLE

Phase	Woodland Area (NTA)	Woodland Area (FP)	Woodland Area (C-NTA)	Woodland Area (C-FP)	Woodland Area (C-OS)	Woodland Area (C-PMA)	Woodland Area (WPA)	Woodland Area (WRA)	Woodland Area (WR-NC)	Woodland Area (WR-AC)
1A	78.44	14.26	62.18	47.17	13.04	37.05	2.08	0.46	0.79	0.55



VICINITY MAP
SCALE: 1" = 2000'
ADC MAP 5551
D-7 E-5, 7, 8, 9 F-5, 7, 8
COPYRIGHT ADC THE MAP PEOPLE
PERMITTED USE NUMBER 26711182

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 CLEARING WITHIN THE ROAD RIGHT OF WAY IS COUNTED AS CLEARING FOR THIS TCP11. WOODLAND CLEARING OUTSIDE THE RIGHT OF WAY IS COUNTED IN ADJACENT PHASES. THIS IS REFLECTED ON THE PHASED WORKSHEET, SHEET 2. ALL REQUIRED MITIGATION FOR CLEARING ASSOCIATED WITH THIS PLAN, REGARDLESS OF WHAT PHASE THE CLEARING MAY OCCUR IN, IS PROVIDED WITHIN THE INFRASTRUCTURE COLUMN OF THE WORKSHEET.
- RESOURCE DATA TAKEN FROM NRI-006-05 PREPARED BY LOEDERMAN SOLTESZ ASSOCIATES, INC. AS REVISED 11/14/08 AND NRI-004-08/02 PREPARED BY DEWBERRY AS REVISED 07/20/12.
 - 3.1. TOPOGRAPHY: VRM (AERIAL PHOTOGRAPHY)
 - 3.2. WETLANDS: MCCARTHY ASSOCIATES, INC. STUDY DATED 11/20/04.
 - 3.3. FLOODPLAIN: PGDER 2004/07
 - 3.4. RTE PRESERVATION: 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.
- SOURCE OF NOISE CONTOURS: JOINT BASE ANDREWS NAVAL AIR FACILITY WASHINGTON JOINT LAND 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 BUT NOT WITHIN THE AREA COVERED UNDER THIS PLAN.

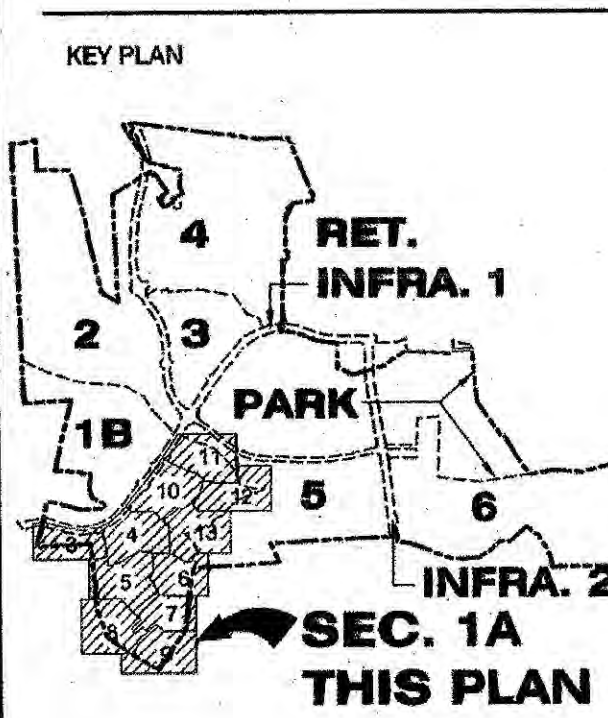
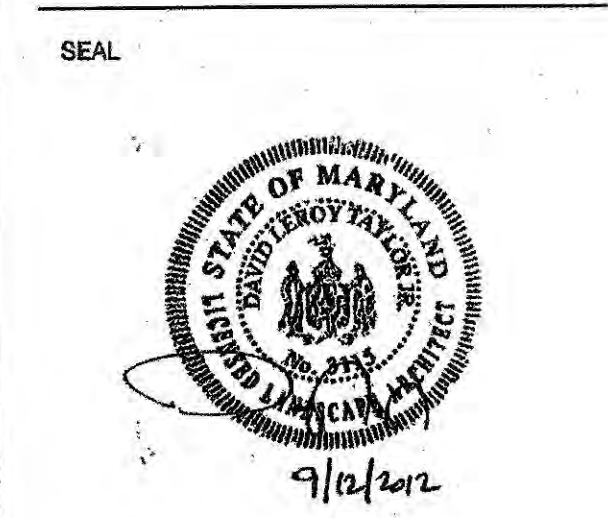
STANDARD TYPE II TREE CONSERVATION PLAN NOTES

- THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR SDP-1003. IF SDP-1003 EXPIRES, THEN THIS TCP2 ALSO EXPIRES AND IS NO LONGER VALID.
- 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).

ADDITIONAL NOTES AS REQUIRED INCLUDED ON SHEET 2.

Dewberry
Dewberry & Davis LLC
10000 DEREKWOOD LANE
SUITE 204
LAUREL, MD 20706
301.731.5000
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: 301-940-0255
ADDITIONAL CONTACT:
SEAN F. BRUCE
S. F. BRUCE DEVELOPMENT
PH: 301-502-0858

SMITH HOME FARM
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 80, 81 - GRID: MULTIPLE
ADJUSTED PARCELS: PARCELS III, IV, V, VII, VIII & IX
2007 MAP REFERENCE: 200506-08, 200506-09, 200506-10



SCALE
AS-SHOWN

No.	DATE	BY	Description
1	06/12/2012	EDL	MNCPFC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	URB	SDRG COMMENTS

REVISIONS

DRAWN BY
APPROVED BY
CHECKED BY
DATE

TITLE
TYPE II TREE CONSERVATION PLAN
COVER SHEET

DEWBERRY JOB NO. 50038403

M-NCPFC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
TREE CONSERVATION PLAN
TCP11-008-12
Approved by: [Signature] Date: 11/28/12
M.N.C.P.C. APPROVALS
PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003
For Condition of Approval see Site Plan Cover Sheet or Appendix
The Following Listed Below Apply to this Sheet
[Signatures and Dates]

OVERALL WOODLAND CONSERVATION WORKSHEET

Woodland Conservation Worksheet for Prince George's County, Maryland													
Zone:	R-M	LAC											
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 cleared 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%	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								
Rev#	2	0.000000	0.000000	0.000000	0.000000								
Approval Date	2/23/2012	3/8/2012	3/8/2012	3/8/2012	3/8/2012								
Certification Status/Date	Pending	Pending	Pending	Pending	Pending								
TC2P2 #	2-087-06	2-008-12	2-009-12	2-010-12	2-011-12								
Rev#	2	0.000000	0.000000	0.000000	0.000000								
Approval Date													
Certification Status/Date	Pending	Pending	Pending	Pending	Pending								
Plan Number: (This must be completed for each phase)	TCPII-07-06	TCPII-08-12	TCPII-09-12	TCPII-10-12	TCPII-11-12	TCPII-12-12	TCPII-13-12	TCPII-14-12	TCPII-15-12	TCPII-16-12	TCPII-17-12	TCPII-18-12	TCPII-19-12
Plan Phase or Name:	INFRA 1	PH 1A	PH 1B	PH 2	PH 3	INFRA 2	PH 4	PH 5	PH 6	PARK	RETAINED		
Total area in this application (acres)	15.60	78.44	49.36	97.20	27.85	12.37	96.48	63.08	90.56	124.63	103.36		
Floodplain area in this application (acres)	1.13	14.26	7.75	8.49	0.00	1.46	2.49	12.38	13.45	43.38	7.86		
Net Tract area in this application (acres)	18.47	62.18	41.61	88.71	27.85	10.91	93.99	50.70	77.11	81.25	95.50		
Woodland on the Net Tract for this phase (acres)	5.76	47.17	10.37	52.51	0.33	0.69	12.05	3.98	0.82	2.36	1.08		
Woodland in the Floodplain for this phase (acres)	0.92	13.04	3.90	3.52	0.00	0.11	0.00	3.52	0.22	0.48	0.56		
Woodland Cleared on Net Tract for this phase (acres)	5.04	37.60	8.72	43.26	0.33	0.69	4.30	0.75	0.10	1.11	0.20		
Woodland Cleared in Floodplain for this phase (acres)	0.82	2.06	0.67	0.19	0.00	0.11	0.00	0.36	0.00	0.03	0.04		
Woodland Cleared in the PMA2 (acres)	0.72	0.73	0.48	1.35	0.00	0.00	0.00	0.04	0.00	0.00	0.00		
Off-site Woodland Clearing (1:1) (acres)	2.49	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Off-site Mitigation provided on this property (acres)	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	2.90	3.57	3.78	3.78	3.87	3.87	4.23	4.23	4.26	4.30		
Smaller of a or c	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 (acres)	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) (acres)	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) (acres)	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	187.33	196.55	242.00	242.83	243.33	247.83	248.78	248.88	250.02	250.26		
Woodland Conservation Provided:													
Preservation	0.00	8.68	1.17	7.90	0.00	0.00	7.17	3.19	0.72	0.00	0.99		
Afforestation/Reforestation	0.00	5.59	8.03	13.14	4.09	0.00	12.85	12.41	24.45	36.32	101.13		
Natural Regeneration													
Area approved for fee-in-lieu													
Credit for Off-site Mitigation on another property	0.00	16.30	10.90	20.43	6.81	0.00	0.00	13.63	19.11	0.00	3.54		
Off-site Mitigation Preservation provided on this property													
Off-site Mitigation Afforestation provided on this property													
Total Woodland Conservation Provided	0.00	30.57	51.67	93.14	103.84	103.84	123.86	153.10	197.38	235.70	250.26		
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		
Existing Net Tract Woodland in later phases	131.57	84.40	74.68	21.52	20.99	20.30	8.25	4.27	3.45	1.09	0.00		
Revised 9/20/12	-14.83	-72.46	-70.30	-127.44	-117.80	-119.29	-116.20	-92.09	-48.73	-15.16	-1.93		
Shortage													
Woodland Conservation Requirement This Phase	14.83	88.10	18.94	96.61	1.06	1.49	16.35	5.13	0.92	3.50	1.33		
Woodland Conservation Provided This Phase	0.00	30.57	21.10	41.47	10.70	0.00	20.02	29.23	44.28	38.32	14.56		
Woodland Conservation Shortage/Requirement This Phase	-14.83	-57.53	2.16	-57.14	9.64	-1.49	3.67	24.10	43.36	34.82	13.23		

NOTES: 1. PER CONDITION 1.1 OF COUNTY COUNCIL ORDER CDP-0501, R-M IS TO HAVE 25% THRESHOLD.
2. PER CONDITION 1.2 OF COUNTY COUNCIL ORDER CDP-0501, CLEARING IN THE PMA IS TO BE MITIGATED AT 1:1.

Prepared by: _____ Signature _____ Date _____

License Number: _____

WORKSHEET NOTES:

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

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 TREE OR PORTIONS THEREOF 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 DEPOSED 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, THIS 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.

NOTE:
FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO www.call811.com
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 HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

INDIVIDUAL WOODLAND CONSERVATION WORKSHEET

Individual TCPII Worksheet for Phased Projects													
Woodland Conservation Worksheet for Prince George's County													
Zone:	R-M												
Gross Tract:	76.44												
Floodplain:	14.26												
Previously Dedicated Land:	0.00												
Net Tract (NTA):	62.18												
Property Description or Subdivision Name:	TCPII-08-12 Smith Home Farm Section 1A												
Owner:	SHF Project Owner, LLC												
Address:	1900 Avenue of the Stars Los Angeles, CA 90067												
Phone:	310.824.220												
TCPII Number:	TCPII/3805												
Woodland Conservation Calculations:													
Acres of Existing Woodland	47.17												
Woodland Conservation Required for this Phase	30.36												
Area of Woodland Cleared per TCPII	96.47												
Area of Woodland Cleared per TCPII	38.30												
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												
Clearing below WCT	0.00												
Total Woodland Conservation Required for this Section:	30.36												
Woodland Conservation Provided:													
Woodland Preservation	8.68												
Afforestation / Reforestation	5.59												
Natural Regeneration													
Area approved for fee-in-lieu in a Priority Funding Area	0.00												
Area approved for fee-in-lieu in a non-Priority Funding Area	0.00												
Credits Received for Off-site Mitigation on another property	16.12												
Off-site Mitigation provided on this property	0.00												
Total Woodland Conservation Provided	30.39												
Area of net tract woodland not cleared	8.78	acres											
Woodland retained not part of requirements:	0.10	acres											
Prepared by:	David L. Taylor, Jr.												
Address:	3106 Lord Baltimore Dr., Ste. 110 Baltimore, MD 21244												
Phone:	410.645.1820												
License:	Licensed Landscape Architect												

PLANTING SPECIFICATION NOTES

1. QUANTITY: (SEE PLANT SCHEDULE)

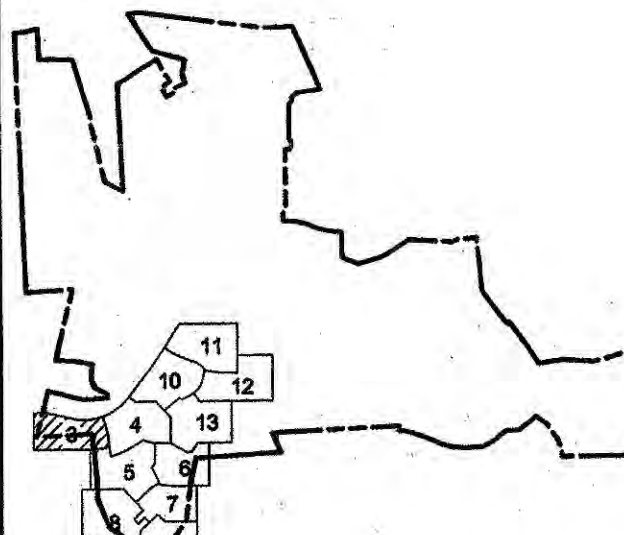
2. TYPE: (SEE PLANT SCHEDULE)

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". 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 EXPOS



No.	DATE	BY	Description
3	09/12/2012	EDL	MNPPC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

TYPE II TREE CONSERVATION PLAN



LEGEND

— 210 —	EXISTING MAJOR CONTOUR	[Pattern]	CLEARED NET TRACT AREA (C-NTA)
— 212 —	EXISTING MINOR CONTOUR	[Pattern]	CLEARED FLOODPLAIN AREA (C-FP)
---	EXISTING BOUNDARY	[Pattern]	CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
---	EXISTING ADJACENT PROPERTY	[Pattern]	WOODLAND PRESERVATION AREA (WPA)
---	EXISTING FOREST STAND	[Pattern]	WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
FP	EXISTING FLOOD PLAIN	[Pattern]	WOODLAND PRESERVED-NOT CREDITED (WR-NC)
FP BRL	EXISTING FLOOD PLAIN SET BACK	[Pattern]	WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
PMA	PATUXENT MANAGEMENT AREA	[Pattern]	
SB	EXISTING STREAM BUFFER	[Pattern]	
---	EXISTING TREE LINE	[Pattern]	
---	EXISTING NON-WOODLAND AREA	[Pattern]	
---	PROPOSED MAJOR CONTOUR	[Pattern]	
---	PROPOSED MINOR CONTOUR	[Pattern]	
---	PROPOSED ROAD RIGHT-OF-WAY	[Pattern]	
---	PROPOSED PROPERTY LINE	[Pattern]	
---	PROPOSED LIMIT OF DISTURBANCE	[Pattern]	
LOD	SPECIMEN TREE SIGN	[Symbol]	SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
▲	WOODLAND PRESERVATION SIGN	[Symbol]	SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
●	AFFORESTATION / REFORESTATION SIGN	[Symbol]	FOREST CLEARED
---	TREE PROTECTION FENCE (TEMPORARY)	[Symbol]	FOREST PRESERVATION
---	TREE PROTECTION FENCE (PERMANENT)	[Symbol]	AFFORESTATION / REFORESTATION
---	ROOT PRUNE	[Symbol]	
---	SECTION LINE	[Symbol]	

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM FROM LOT LINES.

NOTE: FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-287-7777 OR LOG ON TO www.mseulibz.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 LINES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

SHEET 3	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A3 (C-PMA)	0.49
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A5 (C-OS)	0.46
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	A*	0.55
WOODLAND RE/AFFORESTATION (WRA)	1	0.31

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-008-12

Approved by: *[Signature]* Date: 11/29/12

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

PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003

For Location of Approval see the Plan Cover Sheet or Approval
The Following Listed Approval is in the State:

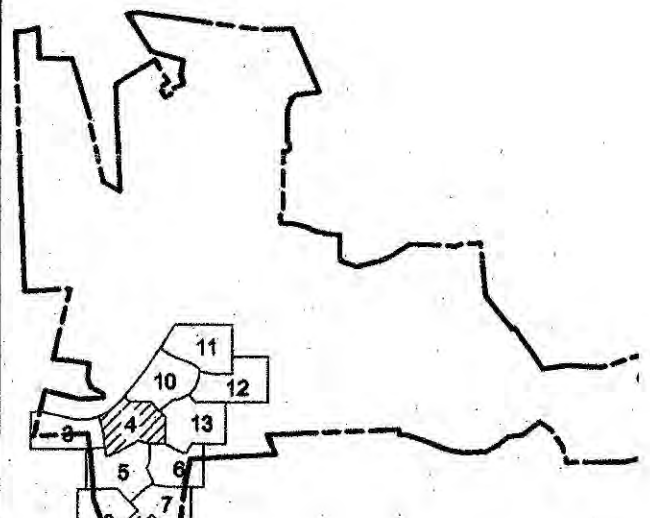
Approved by: *[Signature]* Date: 11/29/12

APPROVED PLAN
SDP-1003

SEAL

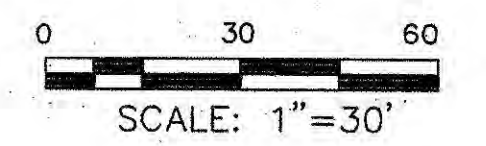


KEY PLAN



THIS TCPII PLAN SHEET CORRESPONDS TO SHEET 4 OF THE SDP AND LANDSCAPE PLANS

SCALE



No.	DATE	BY	Description
3	09/12/2012	EDL	MNCPCC COMMENTS
2	08/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDPC COMMENTS

DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

TITLE
TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

SHEET 4	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A3 (C-PMA)	0.49
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A4 (C-PMA)	0.3
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	2	0.05
WOODLAND RE/AFFORESTATION (WRA)	3	0.3
WOODLAND RE/AFFORESTATION (WRA)	5	0.79

FOR TRAILS 6' WIDE OR LESS, TREES LOCATED WITHIN THE LIMITS OF DISTURBANCE ARE TO BE SELECTIVELY CLEARED IN ORDER TO OBTAIN A MINIMUM 10'12' FOOT CLEARED CROSS SECTION TO ACCOMMODATE THE PROPOSED HIKER/BIKER TRAIL. THE MINIMUM CLEARANCE FROM THE EDGE OF THE PROPOSED TRAIL TO THE EXISTING TREES SHALL BE TWO FEET. EXISTING TREES THAT ARE TO BE REMOVED ARE INDICATED ON THIS PLAN. IF ANY ADDITIONAL TREE CLEARING IS NEEDED TO OBTAIN THE MINIMUM CLEARANCE FOR THE PROPOSED TRAIL, THE CONTRACTOR SHALL NOTIFY M-NCPPC AND OBTAIN APPROVAL BEFORE REMOVING ANY ADDITIONAL TREES.

LEGEND

EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR EXISTING BOUNDARY EXISTING ADJACENT PROPERTY EXISTING FOREST STAND EXISTING FLOOD PLAIN EXISTING FLOOD PLAIN SET BACK FLOOD MANAGEMENT AREA EXISTING STREAM EXISTING STREAM BUFFER EXISTING TREE LINE EXISTING NON-WOODLAND AREA PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR PROPOSED ROAD RIGHT-OF-WAY PROPOSED PROPERTY LINE PROPOSED LIMIT OF DISTURBANCE SPECIMEN TREE SIGN WOODLAND PRESERVATION SIGN AFFORESTATION / REFORESTATION SIGN TREE PROTECTION FENCE (TEMPORARY) TREE PROTECTION FENCE (PERMANENT) ROOT PRUNE SECTION LINE	CLEARED NET TRACT AREA (C-NTA) CLEARED FLOODPLAIN AREA (C-FP) CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA) WOODLAND PRESERVATION AREA (WPA) WOODLAND AFFORESTATION / REFORESTATION AREA (WRA) WOODLAND PRESERVED-NOT CREDITED (WR-NC) WOODLAND RETAINED-ASSUMED CLEARED (WR-AC) SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED FOREST CLEARED FOREST PRESERVATION AFFORESTATION / REFORESTATION
--	--

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
TREE CONSERVATION PLAN
TCPII-008-12

Approved by: *KIP mch* Date: *11/29/12*

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APPROVED PLAN
SDP-1003

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

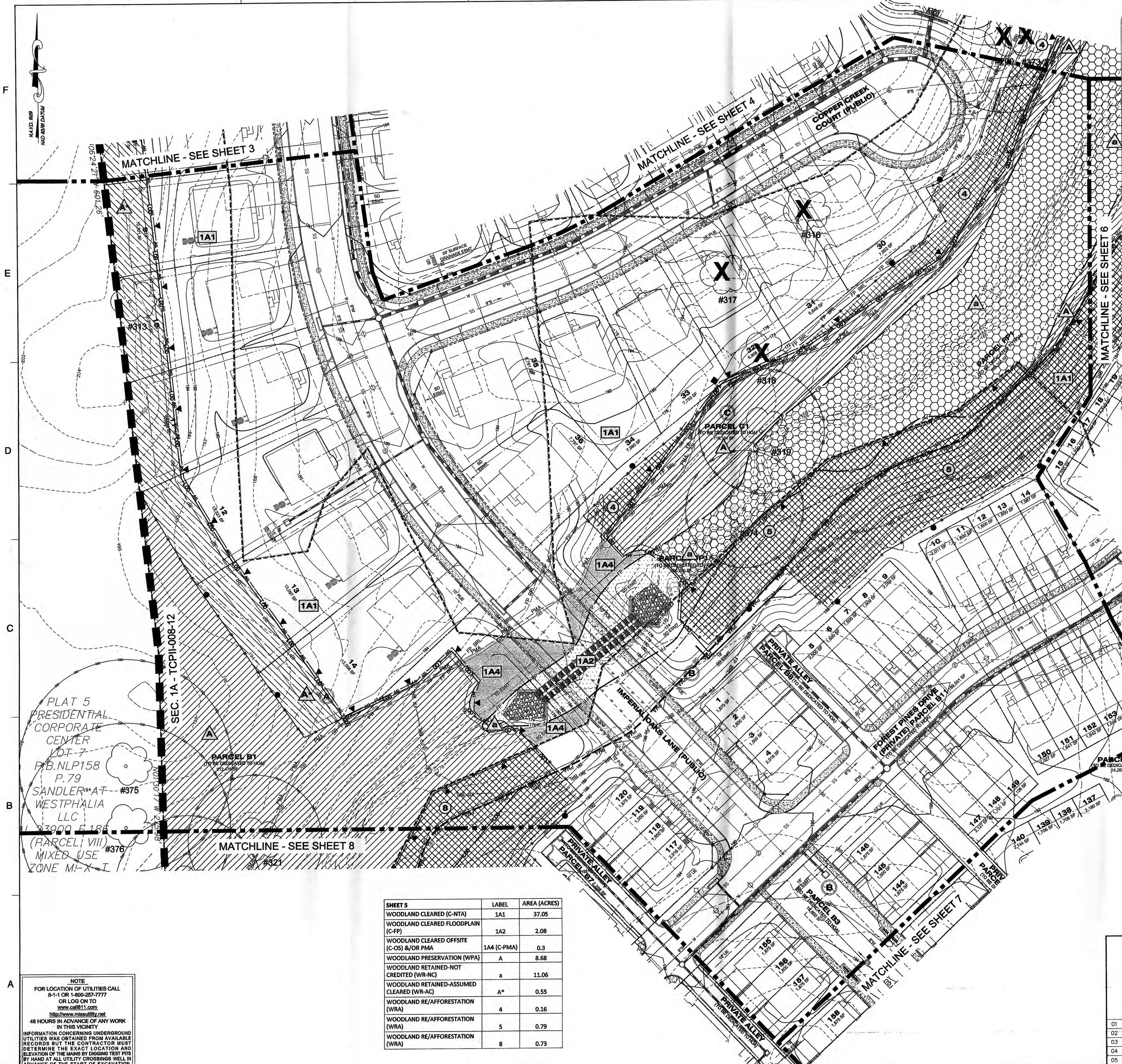
PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003

For Condition of Approval, see Site Plan Cover Sheet or Approval
The Restrictions Listed Below Apply to this Sheet

Signature	Date	Signature	Date
<i>DD</i>	<i>7/24/12</i>	<i>ERS</i>	<i>8/13/12</i>

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM SETBACK FROM LOT LINE

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.



LEGEND

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
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
PROPOSED ROAD RIGHT-OF-WAY
PROPOSED PROPERTY LINE
PROPOSED LIMIT OF DISTURBANCE

SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED

CLEARED NET TRACT AREA (C-NTA)
CLEARED FLOODPLAIN AREA (C-FP)
CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
WOODLAND PRESERVATION AREA (WPA)
WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
WOODLAND PRESERVED-NOT CREDITED (WR-NC)
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)

FOREST CLEARED
FOREST PRESERVATION
AFFORESTATION / REFORESTATION
SPECIMEN TREE SIGN
WOODLAND PRESERVATION SIGN
AFFORESTATION / REFORESTATION SIGN
TREE PROTECTION FENCE (TEMPORARY)
TREE PROTECTION FENCE (PERMANENT)
ROOT PRUNE
SECTION LINE

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM FROM LOT LINES.

Dewberry

Dewberry & Davis LLC

10008 DEREKWOOD LANE
SUITE 204
LAUREL, MD 20706
301.781.2551
301.781.0188 (FAX)
www.dewberry.com

DEVELOPER/APPLICANT
SHF PROJECT OWNER, LLC
1909 AVENUE OF THE STARS, SUITE 2850
LOS ANGELES, CA 90067

ATTORNEY/CONTACT:
MARVA JO CAMP
PH: 301-949-0255

ADDITIONAL CONTACT:
SEAN F. BRUCE
S. F. BRUCE DEVELOPMENT
PH: 301-502-0950

SMITH HOME FARM
PRINCE GEORGES COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 90, 91 - GRID: MULTIPLE
ADJUSTED PARCELS I, PARCELS III, IV, V, VI, VII, VIII & IX
2007 MAP REFERENCE: 200508-09, 200608-09, 200705-09

SEAL

KEY PLAN

THIS TOPIC PLAN SHEET CORRESPONDS TO SHEET 5 OF THE SDP AND LANDSCAPE PLANS

SCALE
0 30 60
SCALE: 1"=30'

REVISIONS

No.	DATE	BY	Description
4	12/03/2012	CAP	MINPPC COMMENTS
3	09/12/2012	EDL	MINPPC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

SDP-1003

APPROVED PLAN

M-NPPPC
PRINCE GEORGES COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-008-12

PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003

APPROVED BY: [Signature] DATE: 11/28/12

DATE: SEPTEMBER 2011

TITLE
TYPE II TREE CONSERVATION PLAN

DRAWN BY: LRB
APPROVED BY: DLT
CHECKED BY: DLT
DATE: SEPTEMBER 2011

DEWBERRY JOB NO. 50038403

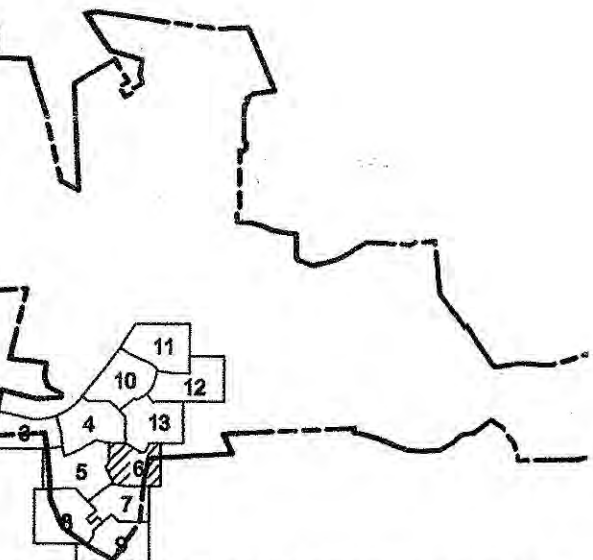
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SHEET NO. 5 OF 16

SEAL

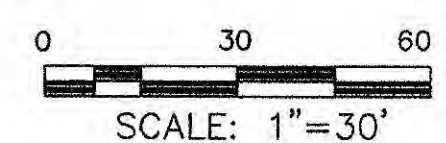


KEY PLAN



THIS TCPII PLAN SHEET CORRESPONDS TO SHEET 6 OF THE SDP AND LANDSCAPE PLANS

SCALE



No.	DATE	BY	Description
4	12/03/2012	GAP	MNCPGC COMMENTS
3	09/12/2012	EDL	MNCPGC COMMENTS
2	08/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

REVISIONS

DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

LEGEND

- 210 EXISTING MAJOR CONTOUR
- 212 EXISTING MINOR CONTOUR
- EXISTING BOUNDARY
- EXISTING ADJACENT PROPERTY
- EXISTING FOREST STAND
- FP EXISTING FLOOD PLAIN
- FP BRL EXISTING FLOOD PLAIN SET BACK
- PMA PATUXENT MANAGEMENT AREA
- EXISTING STREAM
- EXISTING STREAM BUFFER
- EXISTING TREE LINE
- EXISTING NON-WOODLAND AREA
- 210 PROPOSED MAJOR CONTOUR
- 212 PROPOSED MINOR CONTOUR
- PROPOSED ROAD RIGHT-OF-WAY
- PROPOSED PROPERTY LINE
- PROPOSED LIMIT OF DISTURBANCE

LOD

- (X) SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
- (O) SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED

- CLEARED NET TRACT AREA (C-NTA)
- CLEARED FLOODPLAIN AREA (C-FP)
- CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
- WOODLAND PRESERVATION AREA (WPA)
- WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
- WOODLAND PRESERVED-NOT CREDITED (WR-NC)
- WOODLAND RETAINED-ASSUMED CREDITED (WR-AC)

- AA FOREST CLEARED
- 1 FOREST PRESERVATION
- 1 AFFORESTATION / REFORESTATION
- 1 SPECIMEN TREE SIGN
- 1 WOODLAND PRESERVATION SIGN
- 1 AFFORESTATION / REFORESTATION SIGN
- TREE PROTECTION FENCE (TEMPORARY)
- TREE PROTECTION FENCE (PERMANENT)
- RP ROOT PRUNE
- SECTION LINE

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM FROM LOT LINES.



SHEET 6	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A4 (C-PMA)	0.3
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CREDITED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	5	0.79
WOODLAND RE/AFFORESTATION (WRA)	6	0.95
WOODLAND RE/AFFORESTATION (WRA)	7	0.58

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-008-12

Approved by: *[Signature]* Date: 11/28/12

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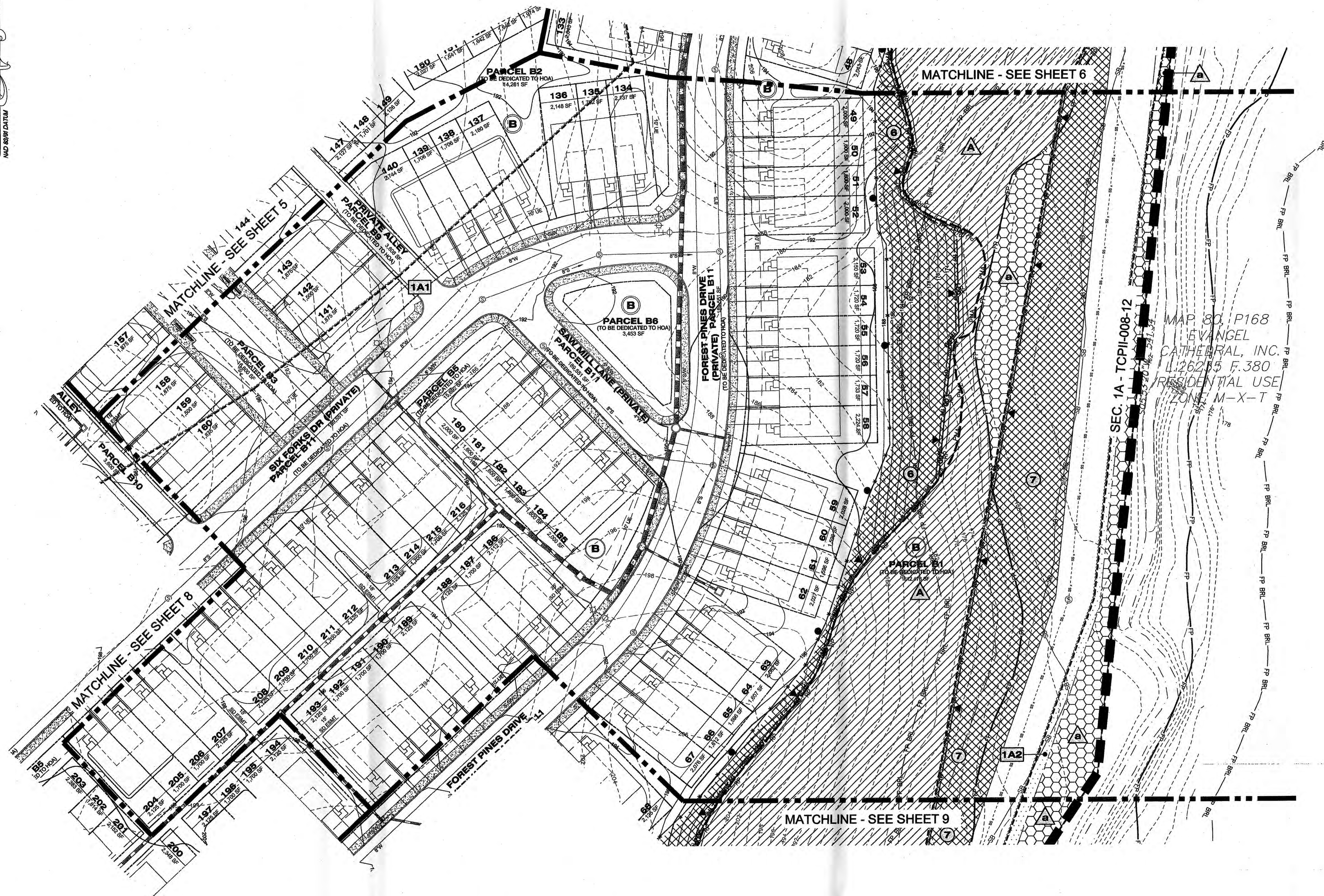
M.N.C.P.P.C. APPROVALS

PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003

For Condition of Approval see Site Plan Cover Sheet or Approval
The Revisions Listed Below Apply to this Sheet:

01
02
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04
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NOTE:
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.c88011.com
http://www.mnccppc.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 LINES BY DIGGING TEST PITS
BY HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

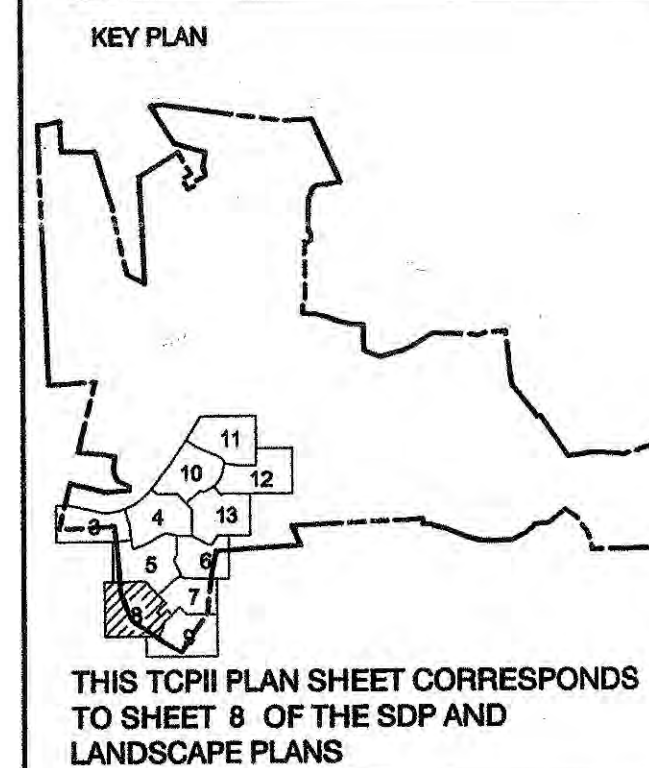


	EXISTING MAJOR CONTOUR		CLEARED NET TRACT AREA (C-NTA)
	EXISTING MINOR CONTOUR		CLEARED FLOODPLAIN AREA (C-FP)
	EXISTING ADJACENT PROPERTY		CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
	EXISTING FOREST STAND		WOODLAND PRESERVATION AREA (WPA)
	EXISTING FLOOD PLAIN		WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
	EXISTING FLOOD PLAIN SET BACK		WOODLAND PRESERVED-NOT CREDITED (WR-NC)
	PATUXENT MANAGEMENT AREA		WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
	EXISTING STREAM		
	EXISTING STREAM BUFFER		
	EXISTING TREE LINE		
	EXISTING NON-WOODLAND AREA		
	PROPOSED MAJOR CONTOUR		
	PROPOSED MINOR CONTOUR		
	PROPOSED ROAD RIGHT-OF-WAY		
	PROPOSED PROPERTY LINE		
	PROPOSED LIMIT OF DISTURBANCE		
	SPECIMEN TREE SIGN		
	WOODLAND PRESERVATION SIGN		SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
	AFFORESTATION / REFORESTATION SIGN		
	TREE PROTECTION FENCE (TEMPORARY)		SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
	TREE PROTECTION FENCE (PERMANENT)		FOREST CLEARED
	ROOT PRUNE		FOREST PRESERVATION
	SECTION LINE		AFFORESTATION / REFORESTATION

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10 MINIMUM FROM LOT LINES.

SHEET 7	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CLEARED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	6	0.95
WOODLAND RE/AFFORESTATION (WRA)	7	0.53

M-NCPPC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION TREE COVERAGE PLAN TCPII-008-12		M.N.C.P.P.C. APPROVALS	
Approved by <u>KAF/mch</u>		PROJECT NAME: <u>SMITH HOME FARM</u>	
Date <u>11/28/12</u>		PROJECT NUMBER: <u>SDP-1003</u>	
For Duration of Approval use the Plan Cover Sheet or Approval The Revisions Listed Below Apply to this Sheet			
	<u>KAF/mch</u>	<u>11/28/12</u>	
01			
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THIS TOPIC PLAN SHEET CORRESPONDS TO SHEET 8 OF THE SDP AND LANDSCAPE PLANS
SCALE
0 30 60
SCALE: 1"=30'

No.	DATE	BY	Description
4	12/03/2012	CAP	MNCPCC COMMENTS
3	08/12/2012	EDL	MNCPCC COMMENTS
2	08/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

DRAWN BY: LRB
APPROVED BY: DLT
CHECKED BY: DLT
DATE: SEPTEMBER 2011

TITLE
TYPE II TREE CONSERVATION PLAN

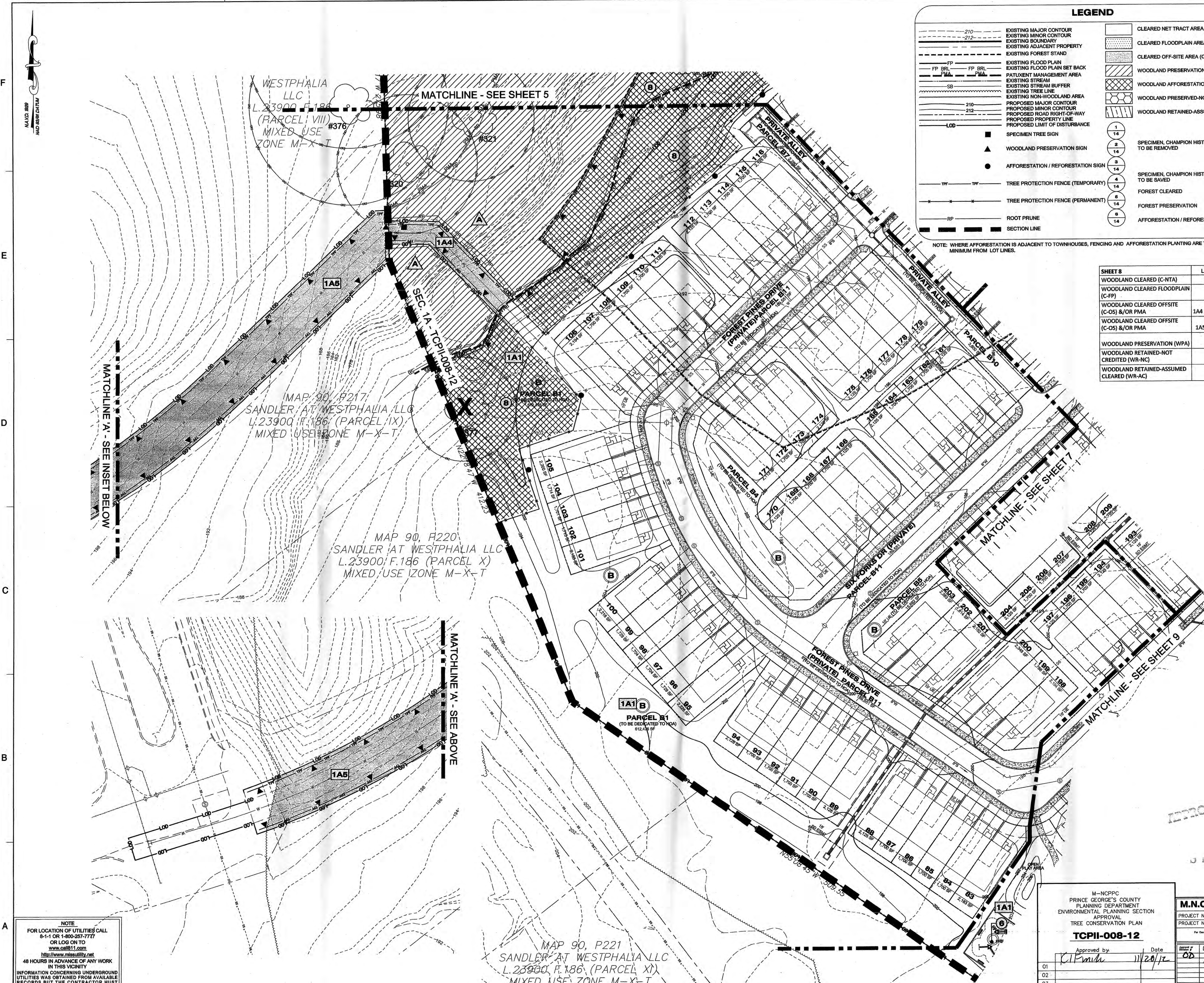
DEWBERRY JOB NO. 50038403

LEGEND

---	EXISTING MAJOR CONTOUR		CLEARED NET TRACT AREA (C-NTA)
---	EXISTING MINOR CONTOUR		CLEARED FLOODPLAIN AREA (C-FP)
---	EXISTING BOUNDARY		CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
---	EXISTING ADJACENT PROPERTY		WOODLAND PRESERVATION AREA (WPA)
---	EXISTING FOREST STAND		WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
---	EXISTING FLOOD PLAIN		WOODLAND PRESERVED-NOT CREDITED (WR-NC)
---	EXISTING FLOOD PLAIN SET BACK		WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
---	PATUXENT MANAGEMENT AREA		
---	EXISTING STREAM		
---	EXISTING STREAM BUFFER		
---	EXISTING TREE LINE		
---	EXISTING NON-WOODLAND AREA		
---	PROPOSED MAJOR CONTOUR		
---	PROPOSED MINOR CONTOUR		
---	PROPOSED ROAD RIGHT-OF-WAY		
---	PROPOSED PROPERTY LINE		
---	PROPOSED LIMIT OF DISTURBANCE		
●	SPECIMEN TREE SIGN	1	SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
▲	WOODLAND PRESERVATION SIGN	2	SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
●	AFFORESTATION / REFORESTATION SIGN	3	FOREST CLEARED
---	TREE PROTECTION FENCE (TEMPORARY)	4	FOREST PRESERVATION
---	TREE PROTECTION FENCE (PERMANENT)	5	AFFORESTATION / REFORESTATION
---	ROOT PRUNE		
---	SECTION LINE		

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM FROM LOT LINES.

SHEET 8	LABEL	AREA (TOTAL)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)		-
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A4 (C-PMA)	0.3
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A5 (C-OS)	0.46
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)		-
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)		-



M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-008-12

Approved by: *[Signature]* Date: 11/20/12

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

PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003

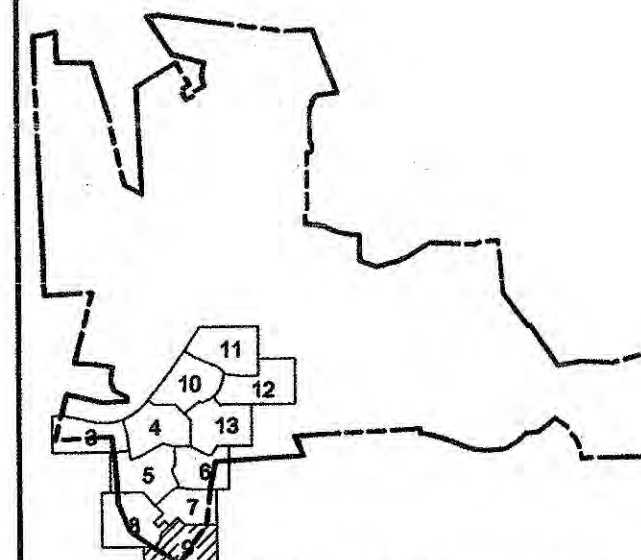
For Condition of Approval see Site Plan Cover Sheet or Approval
See Remarks Listed Below Apply to This Sheet

01			
02			
03			
04			
05			

SEAL



KEY PLAN



THIS TCPII PLAN SHEET CORRESPONDS TO SHEET 9 OF THE SDP AND LANDSCAPE PLANS

SCALE
0 30 60
SCALE: 1"=30'

No.	DATE	BY	Description
4	12/03/2012	CAP	MNCPCC COMMENTS
3	09/12/2012	EDL	MNCPCC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

REVISIONS	DATE	BY	Description
DRAWN BY		LRB	
APPROVED BY		DLT	
CHECKED BY		DLT	
DATE		SEPTEMBER 2011	

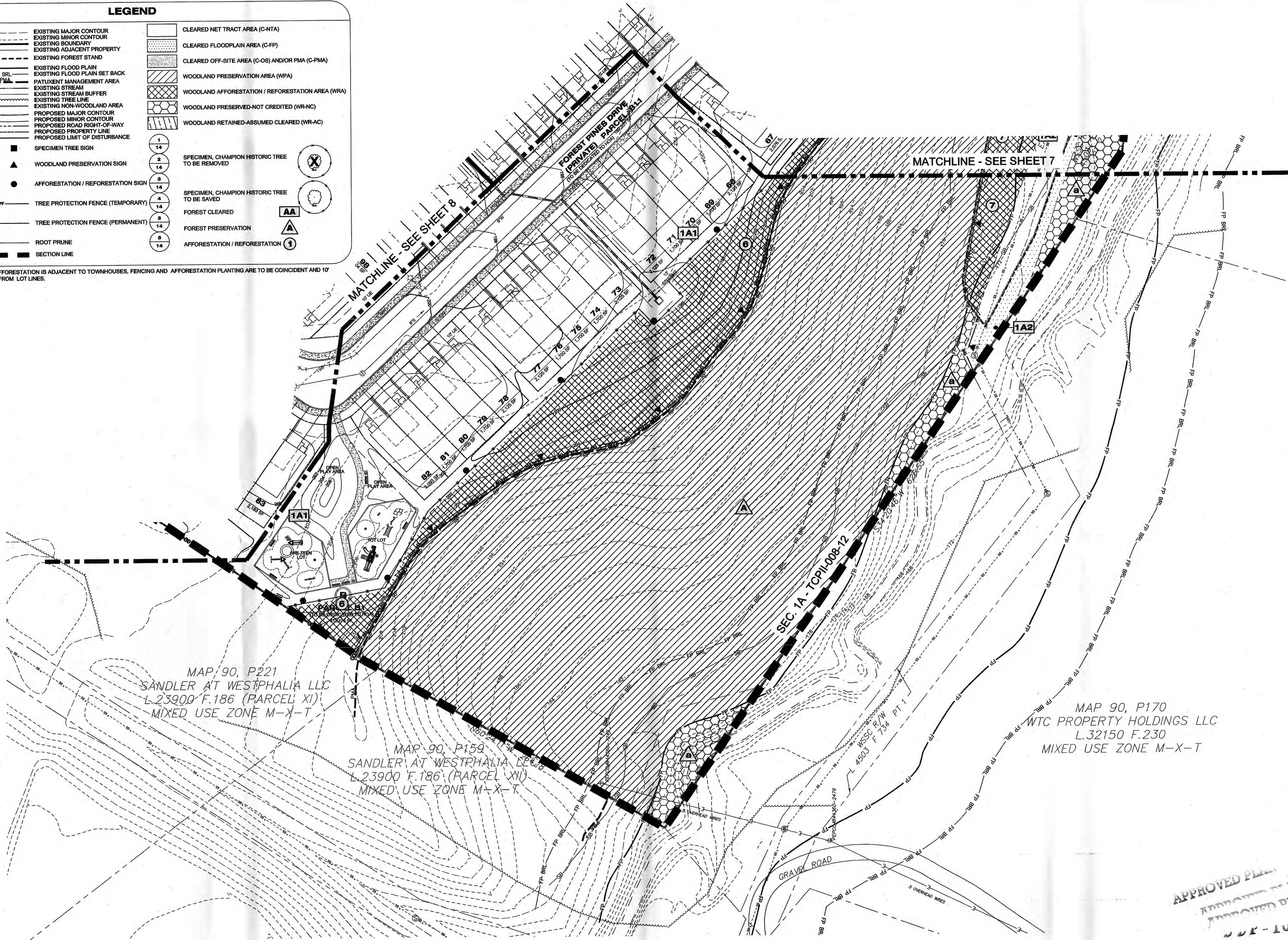
TITLE
TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

LEGEND

210	EXISTING MAJOR CONTOUR	CLEARED NET TRACT AREA (C-NTA)
212	EXISTING MINOR CONTOUR	CLEARED FLOODPLAIN AREA (C-FP)
---	EXISTING ADJACENT PROPERTY	CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
---	EXISTING FOREST STAND	WOODLAND PRESERVATION AREA (WPA)
FP	EXISTING FLOOD PLAIN	WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
FP BRL	EXISTING FLOOD PLAIN SET BACK	WOODLAND PRESERVED-NOT CREDITED (WR-NC)
PMA	PATUXENT MANAGEMENT AREA	WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
SB	EXISTING STREAM	
---	EXISTING STREAM BUFFER	
---	EXISTING TREE LINE	
210	PROPOSED MAJOR CONTOUR	
212	PROPOSED MINOR CONTOUR	
---	PROPOSED ROAD RIGHT-OF-WAY	
---	PROPOSED PROPERTY LINE	
---	PROPOSED LIMIT OF DISTURBANCE	
LOD		
■	SPECIMEN TREE SIGN	1 14
▲	WOODLAND PRESERVATION SIGN	2 14
●	AFFORESTATION / REFORESTATION SIGN	3 14
---	TREE PROTECTION FENCE (TEMPORARY)	4 14
---	TREE PROTECTION FENCE (PERMANENT)	5 14
---	ROOT PRUNE	6 14
---	SECTION LINE	7 14

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM FROM LOT LINES.



MAP 90, P221
SANDLER AT WESTPHALIA LLC
L.23900 F.186 (PARCEL XI)
MIXED USE ZONE M-X-T

MAP 90, P159
SANDLER AT WESTPHALIA LLC
L.23900 F.186 (PARCEL XII)
MIXED USE ZONE M-X-T

MAP 90, P170
WTC PROPERTY HOLDINGS LLC
L.32150 F.230
MIXED USE ZONE M-X-T

SHEET 9	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	6	0.95
WOODLAND RE/AFFORESTATION (WRA)	7	0.58

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-008-12

Approved by	Date
<i>[Signature]</i>	11/20/12

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

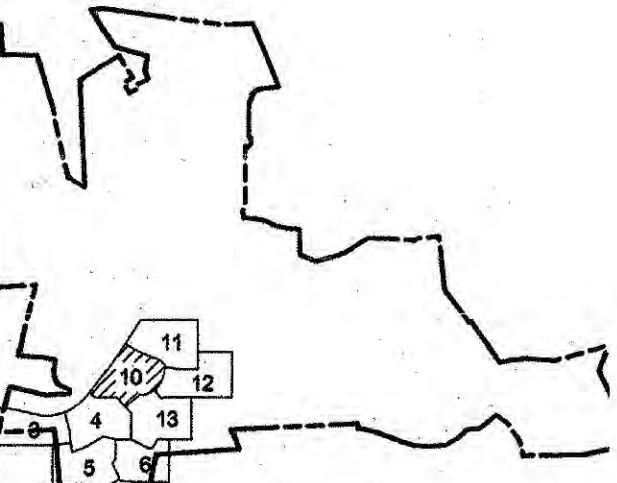
PROJECT NAME:	SMITH HOME FARM
PROJECT NUMBER:	SDP-1003
For Condition of Approval see Site Plan Cover Sheet or Approved	
The Standard United Below Apply to this Sheet	
Approved by	Date
<i>[Signature]</i>	11/20/12

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

SEAL

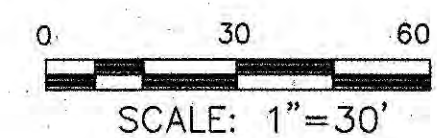


KEY PLAN



THIS TCPII PLAN SHEET CORRESPONDS TO SHEET 10 OF THE SDP AND LANDSCAPE PLANS

SCALE



No.	DATE	BY	Description
3	09/12/2012	EDL	MNCPCC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

REVISIONS

DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

TITLE
TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

10

SHEET NO. 10 OF 16

LEGEND

210	EXISTING MAJOR CONTOUR	CLEARED NET TRACT AREA (C-NTA)
212	EXISTING MINOR CONTOUR	CLEARED FLOODPLAIN AREA (C-FP)
---	EXISTING BOUNDARY	CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
---	EXISTING ADJACENT PROPERTY	WOODLAND PRESERVATION AREA (WPA)
---	EXISTING FOREST STAND	WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
FP	EXISTING FLOOD PLAIN	WOODLAND PRESERVED-NOT CREDITED (WR-NC)
FP BRL	EXISTING FLOOD PLAIN SET BACK	WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
PMA	PATUXENT MANAGEMENT AREA	
SB	EXISTING STREAM	
---	EXISTING STREAM BUFFER	
---	EXISTING TREE LINE	
---	EXISTING NON-WOODLAND AREA	
210	PROPOSED MAJOR CONTOUR	
212	PROPOSED MINOR CONTOUR	
---	PROPOSED ROAD RIGHT-OF-WAY	
---	PROPOSED PROPERTY LINE	
---	PROPOSED LIMIT OF DISTURBANCE	
LOD		
■	SPECIMEN TREE SIGN	1 14 SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
▲	WOODLAND PRESERVATION SIGN	2 14 SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
●	AFFORESTATION / REFORESTATION SIGN	3 14 FOREST CLEARED
---	TREE PROTECTION FENCE (TEMPORARY)	4 14 FOREST PRESERVATION
---	TREE PROTECTION FENCE (PERMANENT)	5 14 AFFORESTATION / REFORESTATION
RP	ROOT PRUNE	
---	SECTION LINE	

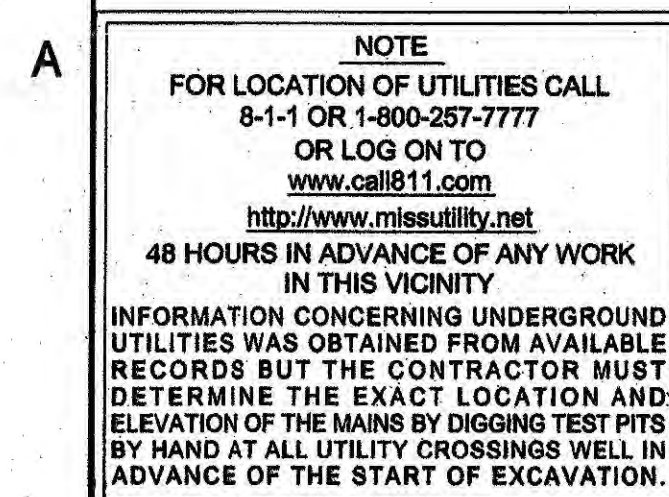
NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM FROM LOT LINES.

SHEET 10	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A3 (C-PMA)	0.49
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	3	0.3
WOODLAND RE/AFFORESTATION (WRA)	9	0.14
WOODLAND RE/AFFORESTATION (WRA)	10	0.79

TREES LOCATED WITHIN THE LIMITS OF DISTURBANCE ASSOCIATED WITH THE TRAIL ARE TO BE SELECTIVELY CLEARED IN ORDER TO OBTAIN A MINIMUM 10 FOOT FOR A 6 FOOT TRAIL OR 12 FOOT FOR A 8 FOOT TRAIL CLEARED CROSS SECTION TO ACCOMMODATE THE PROPOSED HIKER/BIKE TRAIL. THE MINIMUM CLEARANCE FROM THE EDGE OF THE PROPOSED TRAIL TO THE EXISTING TREES SHALL BE TWO FEET. EXISTING TREES THAT ARE TO BE REMOVED ARE INDICATED ON THIS PLAN. IF ANY ADDITIONAL TREE CLEARING IS NEEDED TO OBTAIN THE MINIMUM CLEARANCE FOR THE PROPOSED TRAIL, THE CONTRACTOR SHALL NOTIFY MNCPCC AND OBTAIN APPROVAL BEFORE REMOVING ANY ADDITIONAL TREES.

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.811.com
http://www.misutility.net
48 HOURS IN ADVANCE OF ANY WORK
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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.

M-NCPPC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL TREE CONSERVATION PLAN TCPII-008-12		M.N.C.P.P.C. APPROVALS PROJECT NAME: SMITH HOME FARM PROJECT NUMBER: SDP-1003 For Conditions of Approval see Site Plan Owner Sheet or Approval The Resolutions Listed Below Apply to this Sheet	
Approved by	Date	Approved by	Date
<i>[Signature]</i>	11/29/12	<i>[Signature]</i>	11/29/12
01		01	
02		02	
03		03	
04		04	
05		05	



No.	DATE	BY	Description
3	09/12/2012	EDL	MNCPCC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

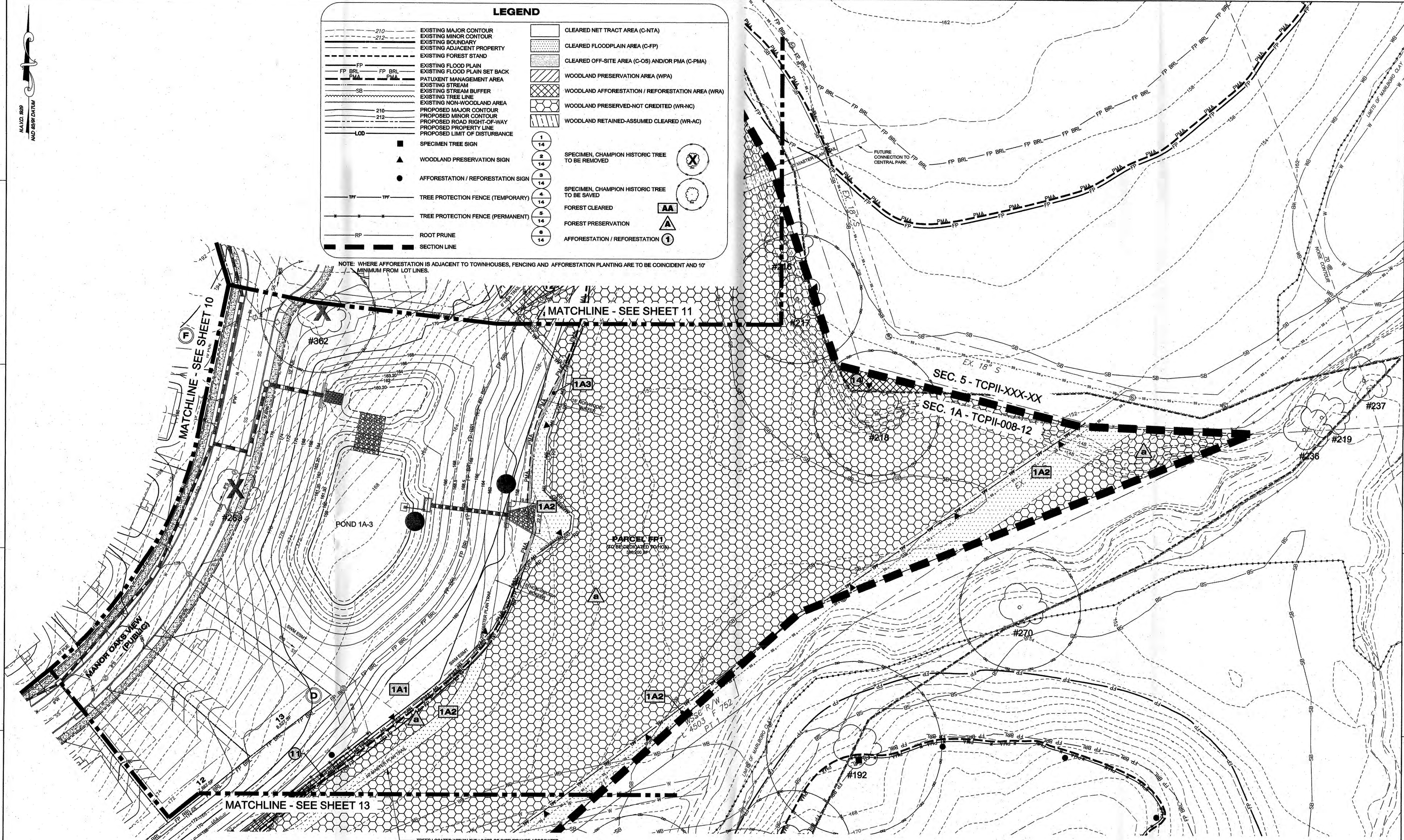
TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

LEGEND

--- 210 ---	EXISTING MAJOR CONTOUR	□	CLEARED NET TRACT AREA (C-NTA)
--- 212 ---	EXISTING MINOR CONTOUR	□	CLEARED FLOODPLAIN AREA (C-FP)
---	EXISTING FOREST STAND	□	WOODLAND PRESERVATION AREA (WPA)
FP	EXISTING FLOOD PLAIN	□	WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
FP BRL	EXISTING FLOOD PLAIN SET BACK	□	WOODLAND PRESERVED-NOT CREDITED (WR-NC)
FP BRL	PATIENT MANAGEMENT AREA	□	WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
---	EXISTING STREAM	1	SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
---	EXISTING STREAM BUFFER	2	SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
---	EXISTING NON-WOODLAND AREA	3	FOREST CLEARED
---	PROPOSED MAJOR CONTOUR	4	FOREST PRESERVATION
---	PROPOSED MINOR CONTOUR	5	AFFORESTATION / REFORESTATION
---	PROPOSED ROAD RIGHT-OF-WAY	6	
---	PROPOSED PROPERTY LINE	7	
---	PROPOSED LIMIT OF DISTURBANCE	8	
---	SPECIMEN TREE SIGN	9	
---	WOODLAND PRESERVATION SIGN	10	
---	AFFORESTATION / REFORESTATION SIGN	11	
---	TREE PROTECTION FENCE (TEMPORARY)	12	
---	TREE PROTECTION FENCE (PERMANENT)	13	
---	ROOT PRUNE	14	
---	SECTION LINE	15	

NOTE: WHERE AFFORESTATION IS ADJACENT TO TOWNHOUSES, FENCING AND AFFORESTATION PLANTING ARE TO BE COINCIDENT AND 10' MINIMUM FROM LOT LINES.



TREES LOCATED WITHIN THE LIMITS OF DISTURBANCE ASSOCIATED WITH THE TRAIL ARE TO BE SELECTIVELY CLEARED IN ORDER TO OBTAIN A MINIMUM 10 FOOT (FOR A 6 FOOT TRAIL) OR 12 FOOT (FOR A 8 FOOT TRAIL) CLEARED CROSS SECTION TO ACCOMMODATE THE PROPOSED TRAIL. THE MINIMUM CLEARANCE FROM THE EDGE OF THE PROPOSED TRAIL TO THE EXISTING TREES SHALL BE TWO FEET. EXISTING TREES THAT ARE TO BE REMOVED ARE INDICATED ON THIS PLAN. IF ANY ADDITIONAL TREE CLEARING IS NEEDED TO OBTAIN THE MINIMUM CLEARANCE FOR THE PROPOSED TRAIL, THE CONTRACTOR SHALL NOTIFY MNCPCC AND OBTAIN APPROVAL BEFORE REMOVING ANY ADDITIONAL TREES.

NOTE
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8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.cas811.com
http://www.msutility.net
48 HOURS IN ADVANCE OF ANY WORK
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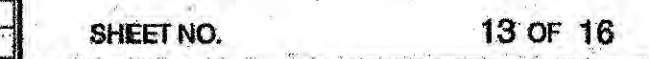
SHEET 12	LABEL	AREA (TOTAL)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A3	0.49
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	11	0.07
WOODLAND RE/AFFORESTATION (WRA)	14	0.02

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-008-12

Approved by: *RIF/mw* Date: *11/28/12*

M.N.C.P.P.C. APPROVALS
PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003
For Condition of Approval see Site Plan Cover Sheet or Approval
No Revision Limitation Apply to this Sheet

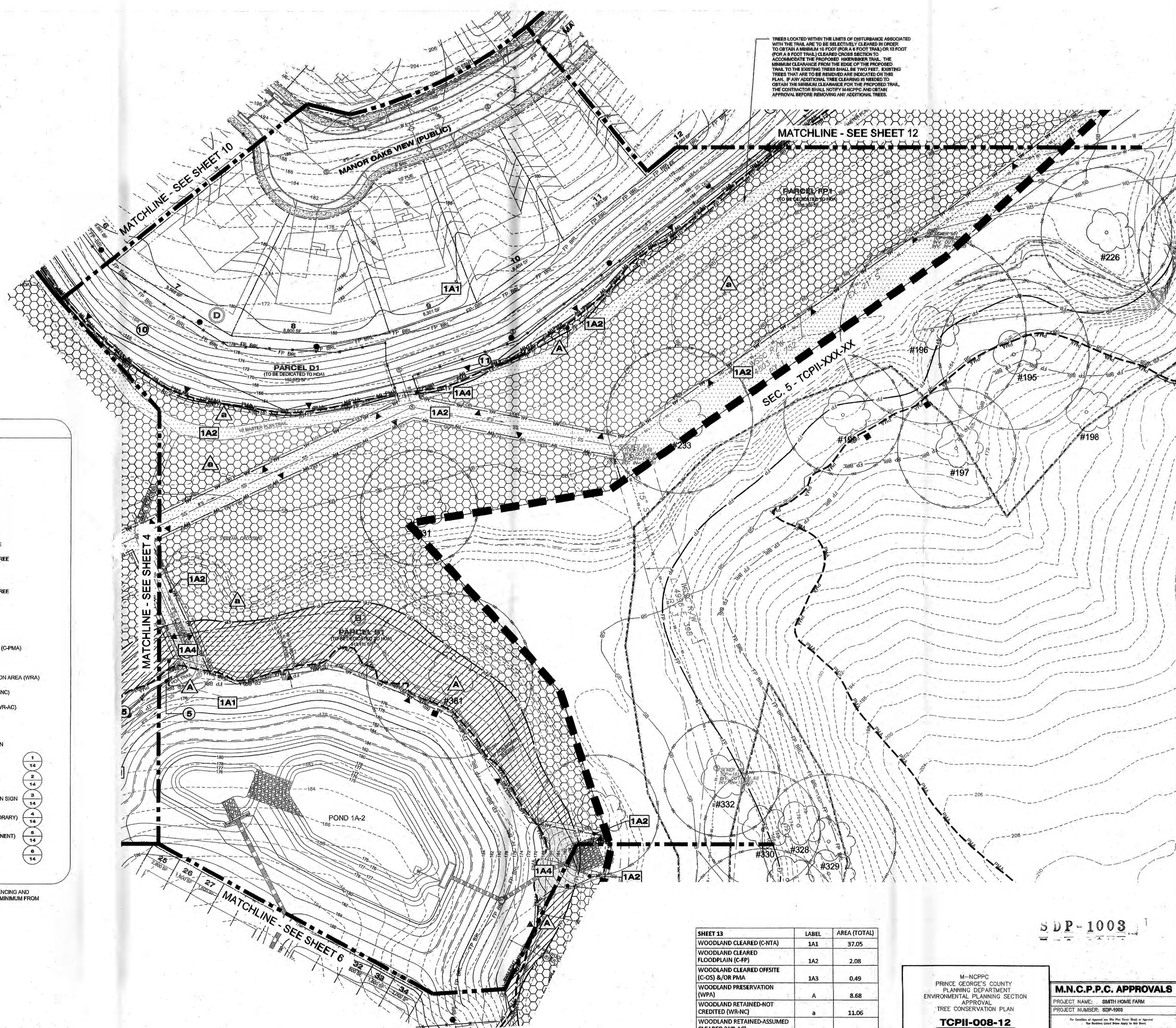
APPROVED PLAN



SHEET 13	LABEL	AREA (TOTAL)
WOODLAND CLEARED (C-NTA)	1A1	37.05
WOODLAND CLEARED FLOODPLAIN (C-FP)	1A2	2.08
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1A3	0.49
WOODLAND PRESERVATION (WPA)	A	8.68
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	11.06
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	5	0.79
WOODLAND RE/AFFORESTATION (WRA)	10	0.79
WOODLAND RE/AFFORESTATION (WRA)	11	0.07

M-NCPPC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL TREE CONSERVATION PLAN <u>TCPII-008-12</u>	M.N.C.P.P.C. APPROVALS PROJECT NAME: SMITH HOME FARM PROJECT NUMBER: SDP-1003 For Condition of Approval use the Plan Cover Sheet or Approval The Reviewers United Shall apply to this Sheet <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;">Signature of</th> <th style="width: 20%;">Date</th> <th style="width: 20%;">Reviewer's Signature</th> <th style="width: 20%;">Date</th> </tr> </thead> <tbody> <tr> <td>DD</td> <td>7/24/12</td> <td>EB</td> <td>7/25/12</td> </tr> </tbody> </table> APPROVED PLAN	Signature of	Date	Reviewer's Signature	Date	DD	7/24/12	EB	7/25/12
Signature of	Date	Reviewer's Signature	Date						
DD	7/24/12	EB	7/25/12						

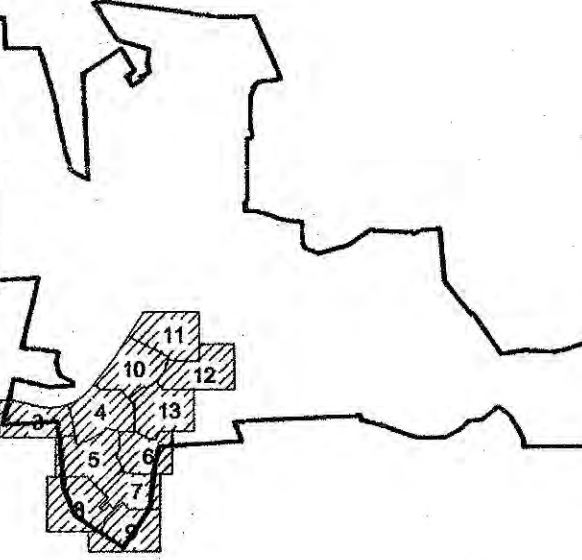
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SEAL



KEY PLAN



SCALE

AS-SHOWN

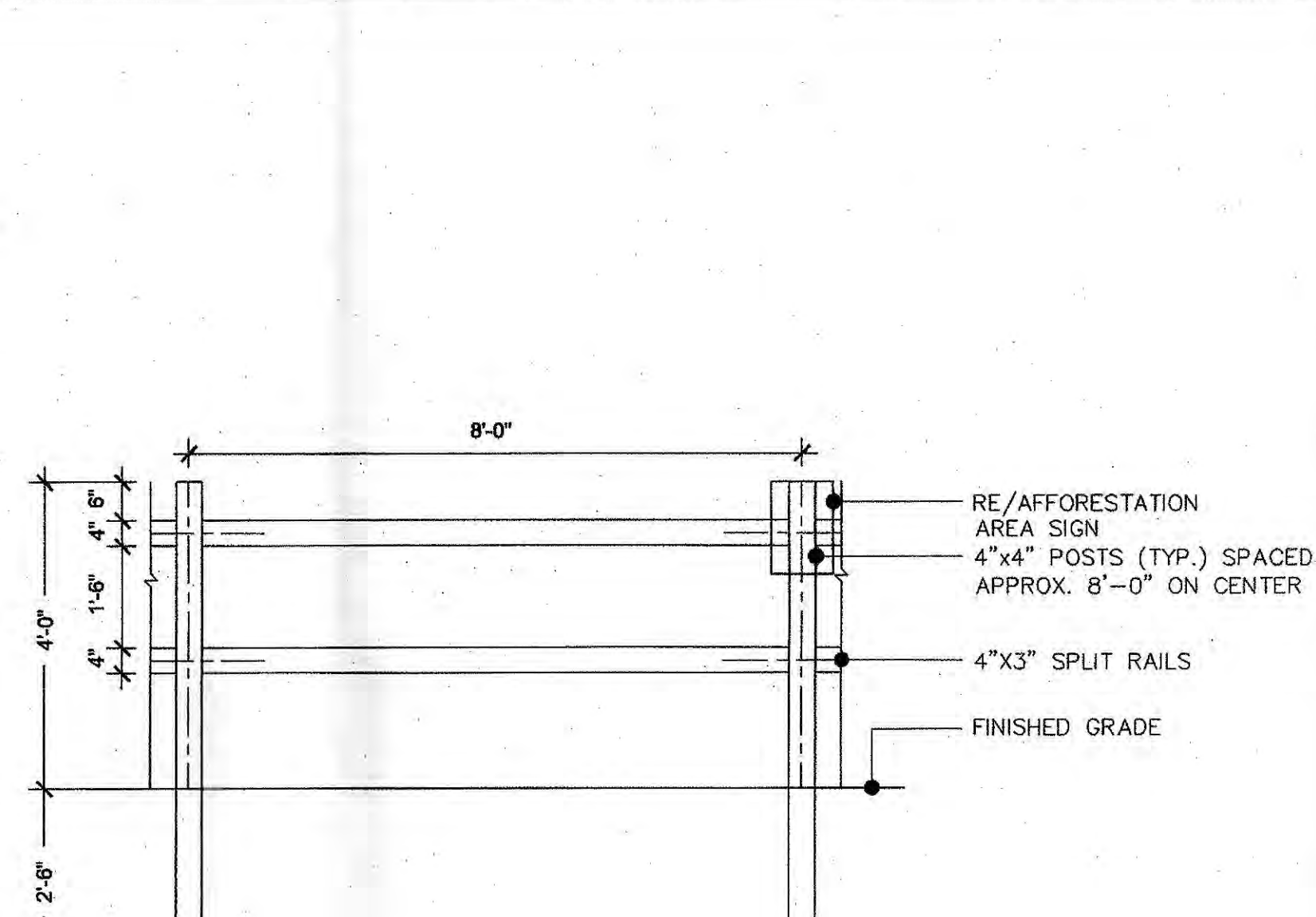
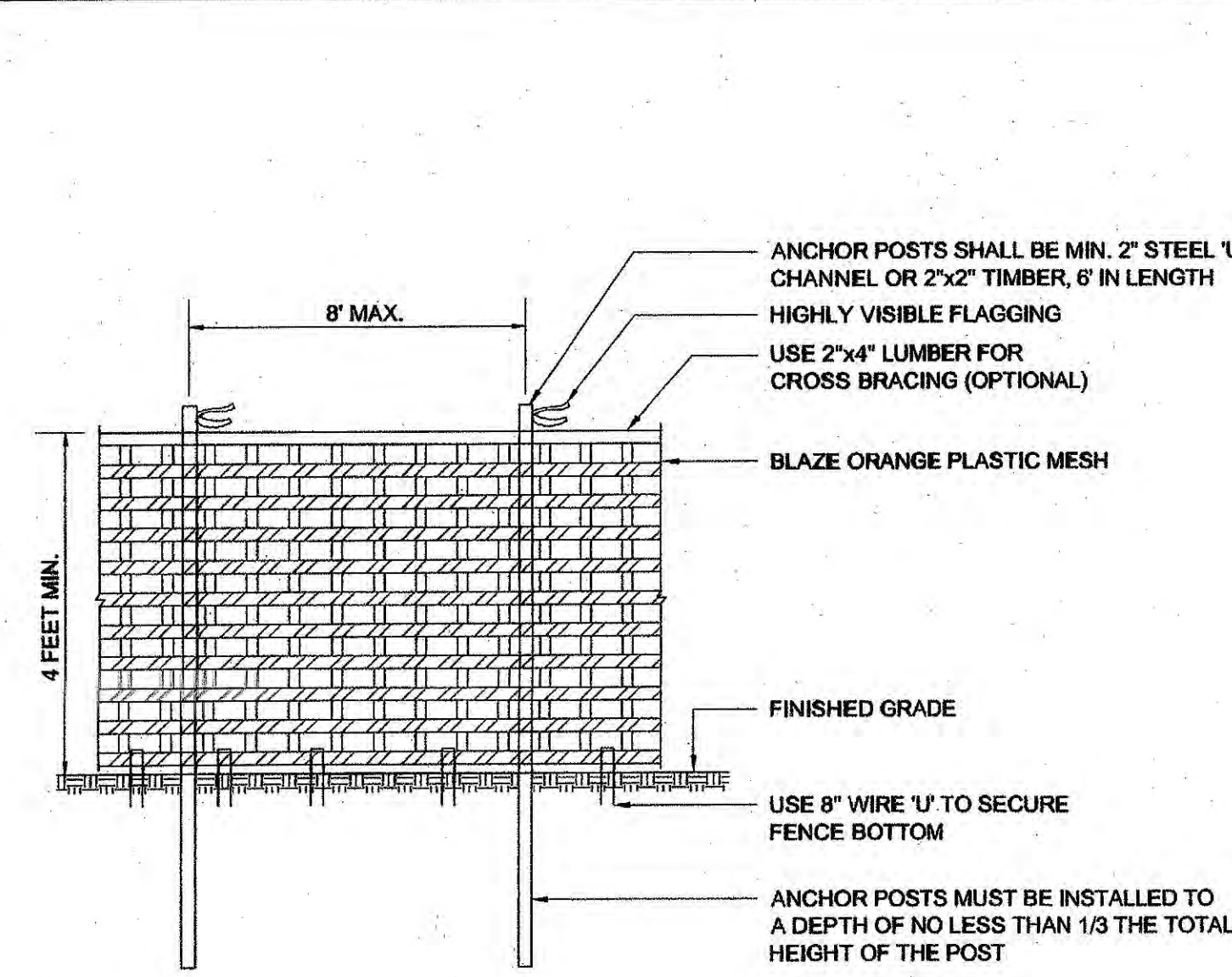
No.	DATE	BY	DESCRIPTION
3	09/12/2012	EDL	MINPPC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

TYPE II TREE CONSERVATION PLAN

DETAILS, NOTES, & COMPUTATIONS

Dewberry Job No. 50038403

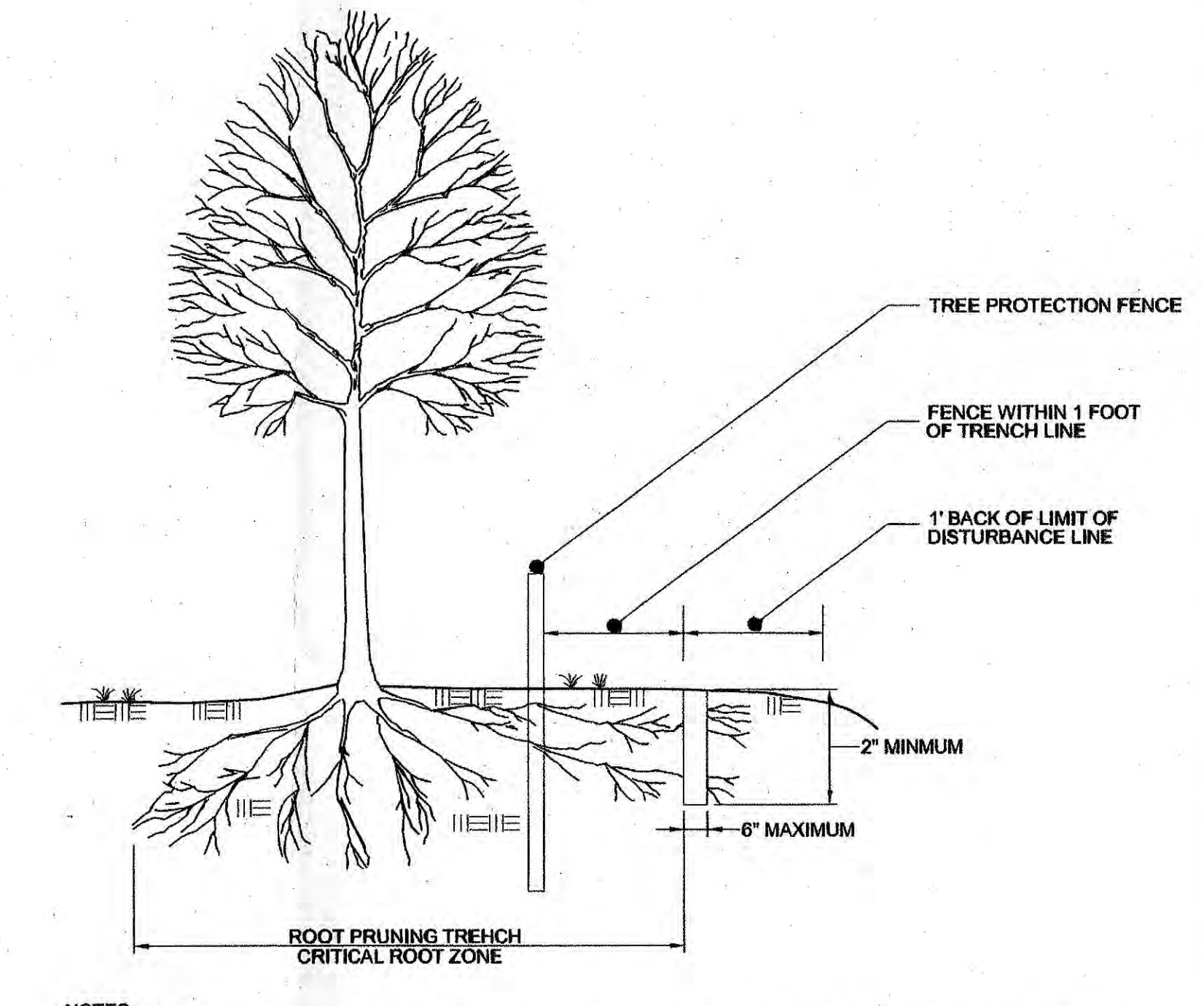
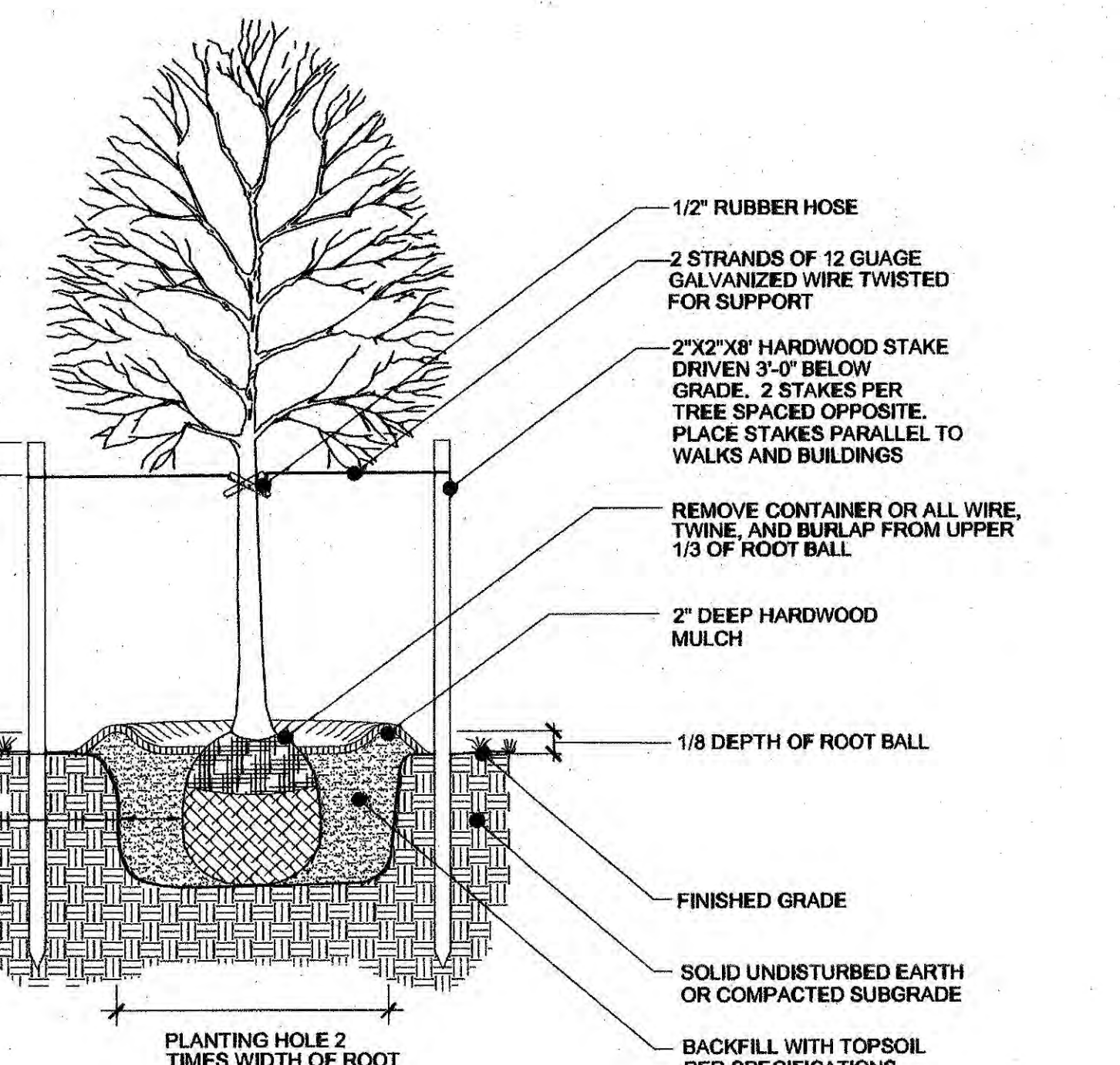


- NOTES:
- FOREST PROTECTION DEVICE ONLY.
 - RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 - BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
 - AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
 - DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.
 - PROTECTIVE SIGNAGE IS ALSO REQUIRED.

- NOTES:
- POSTS SHALL STAND PLUMB.
 - RAILS SHALL BE HUNG WITH UNIFORM HEIGHT AND SPACING.
 - REFORESTATION SIGNS TO BE ATTACHED TO WOOD POSTS EVERY 50 FEET.
 - TOP OF SIGN TO BE FLUSH WITH TOP OF WOOD POST.
 - SIGNS TO BE ATTACHED USING 2 GALVANIZED WOOD SCREWS EACH WITH A GALVANIZED WASHER.

5 PERMANENT (SPLIT RAIL) TREE PROTECTION FENCE
SCALE: NTS

6 ROOT PRUNING
SCALE: NTS



- NOTES:
- DETAIL APPLIES TO B & B OR CONTAINER PLANTING.
 - WHEN PLANTING ON A SLOPE, ENSURE LANDSCAPING IS INSTALLED VERTICAL AND PLUMB.
 - MULCH SAUCER HEIGHT SHALL BE LEVEL AND UNIFORM AROUND CIRCUMFERENCE OF PLANT BASE.

- NOTES:
- RETENTION AREAS TO BE ESTABLISHED AS PART OF THE FOREST CONSERVATION PLAN REVIEW PROCESS.
 - BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED, FLAGGED AND/OR FENCED PRIOR TO TRENCHING.
 - EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.
 - TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH SOIL REMOVED OR OTHER HIGH ORGANIC SOIL.
 - ROOTS SHOULD BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.

DECIDUOUS TREE PLANTING DETAIL
(NOT TO SCALE)

CONIFEROUS TREE PLANTING DETAIL
(NOT TO SCALE)

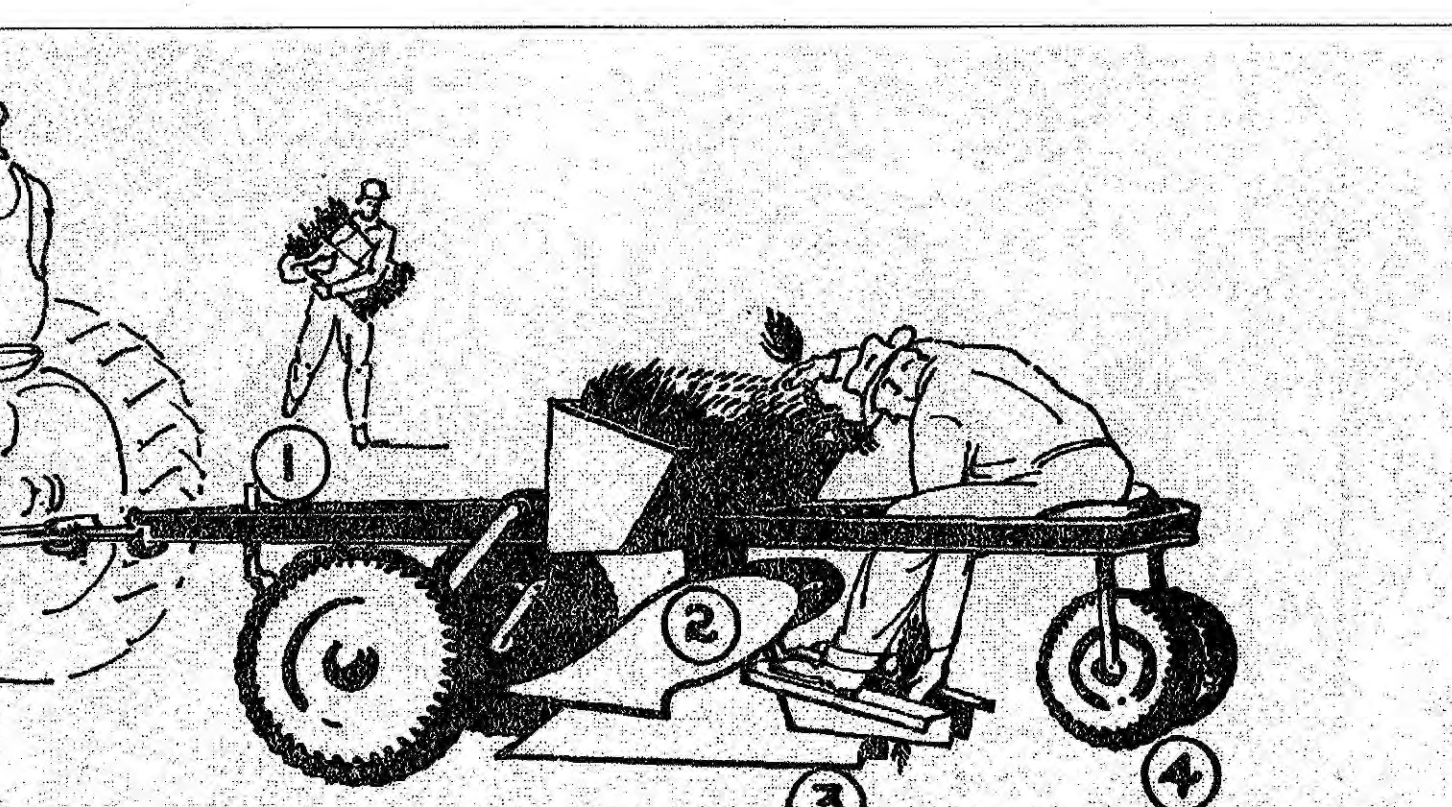
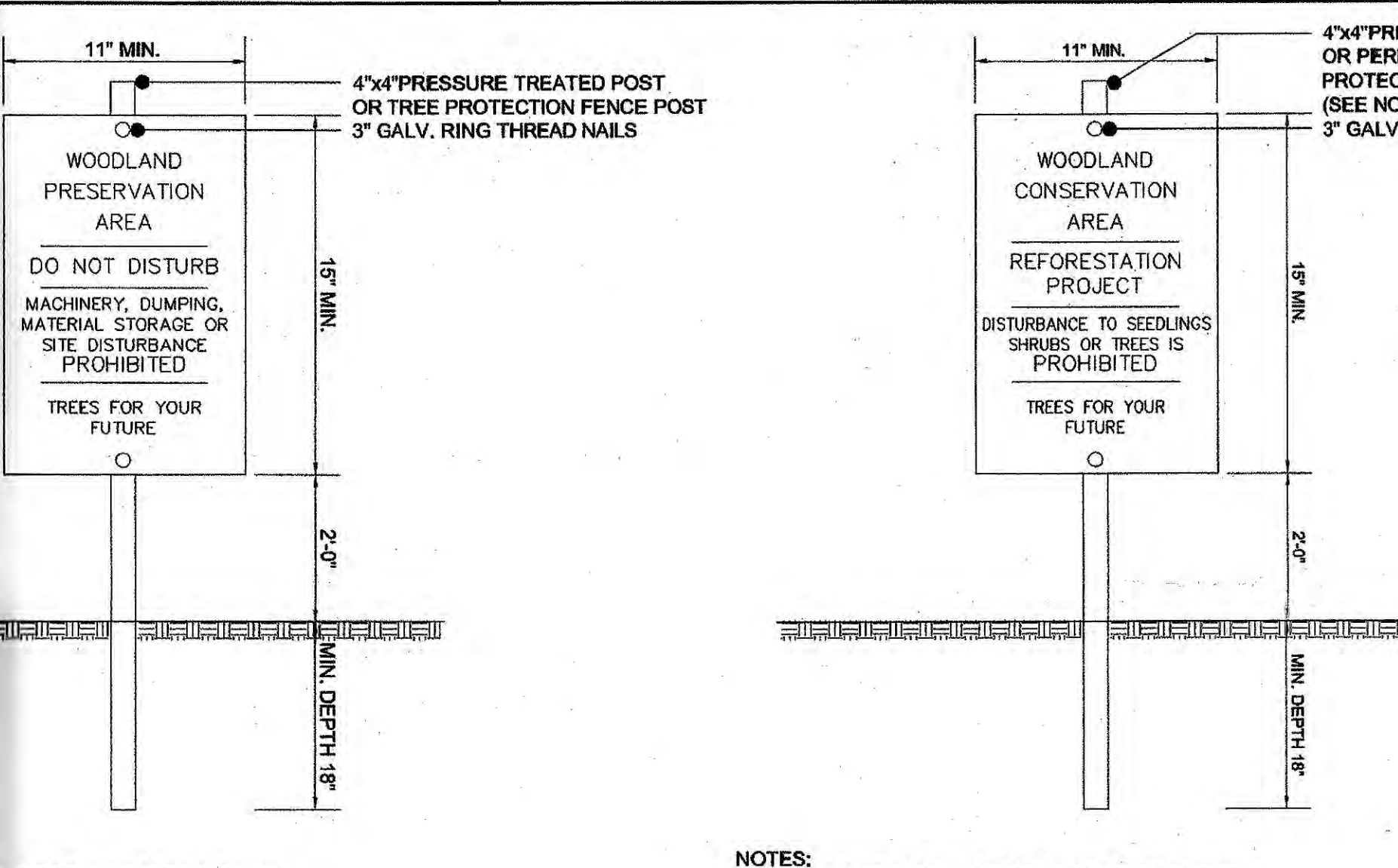


Fig. 4. Typical tree-planting machine.
(1) Rolling coulter. (2) Double mouldboard plow or middle buster. Not essential in the absence of heavy ground cover. (3) Planting shoe, which opens the trench. (4) Packing wheels, which close trench and firm the soil.

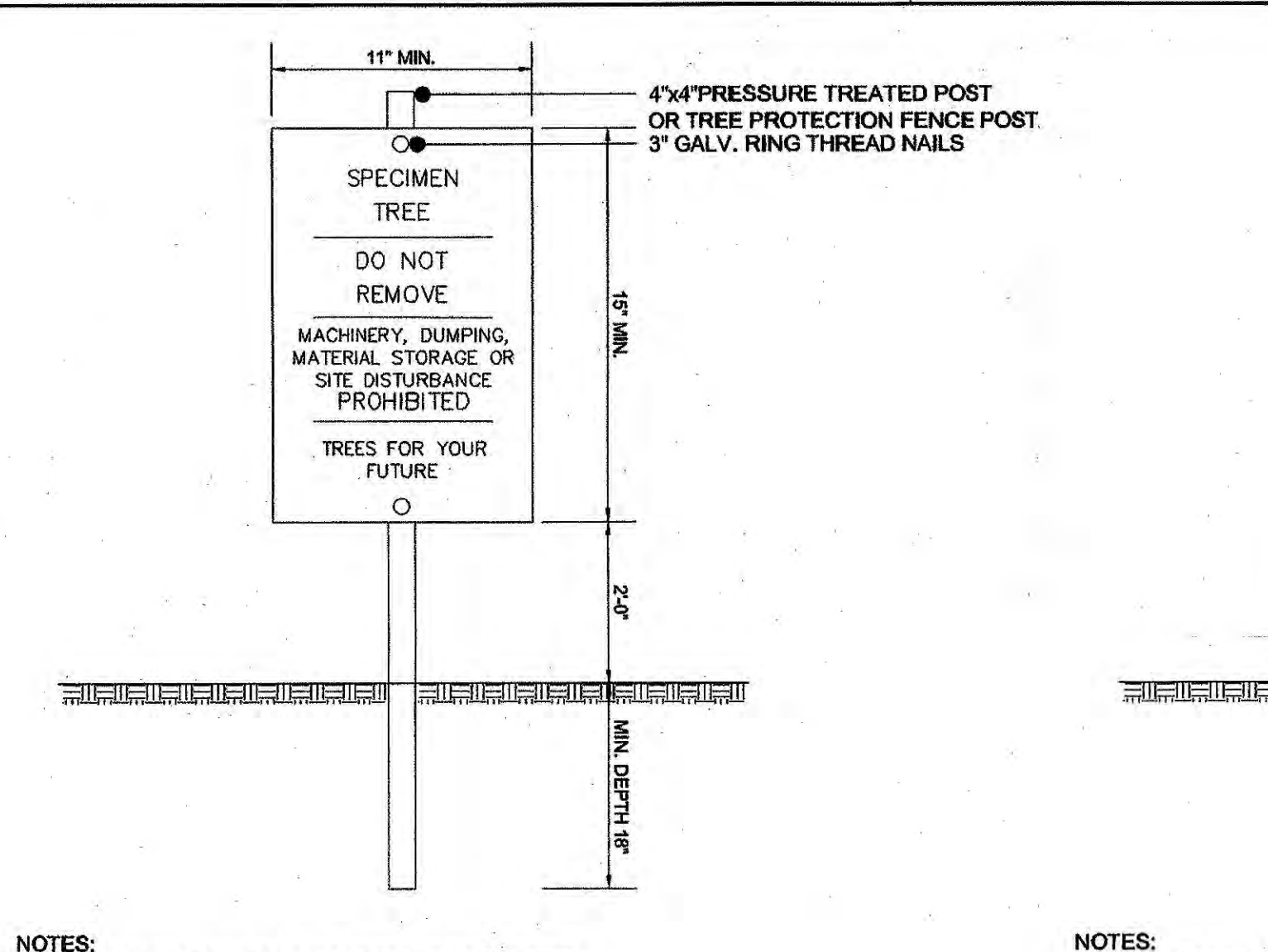
- NOTES:
- SOURCE: UNKNOWN
 - MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

8 SEEDLING PLANTING TECHNIQUES (MACHINE)
SCALE: NTS



- NOTES:
- ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 - SIGNS SHOULD BE PROPERLY MAINTAINED.
 - AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 - SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 - SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVICE.
 - LOCATE SIGNS APPROXIMATELY EVERY 50' ALONG FENCING.
 - SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF L.O.D., AND REMAIN IN PLACE IN PERPETUITY.

2 WOODLAND PRESERVATION AREA SIGN
SCALE: NTS



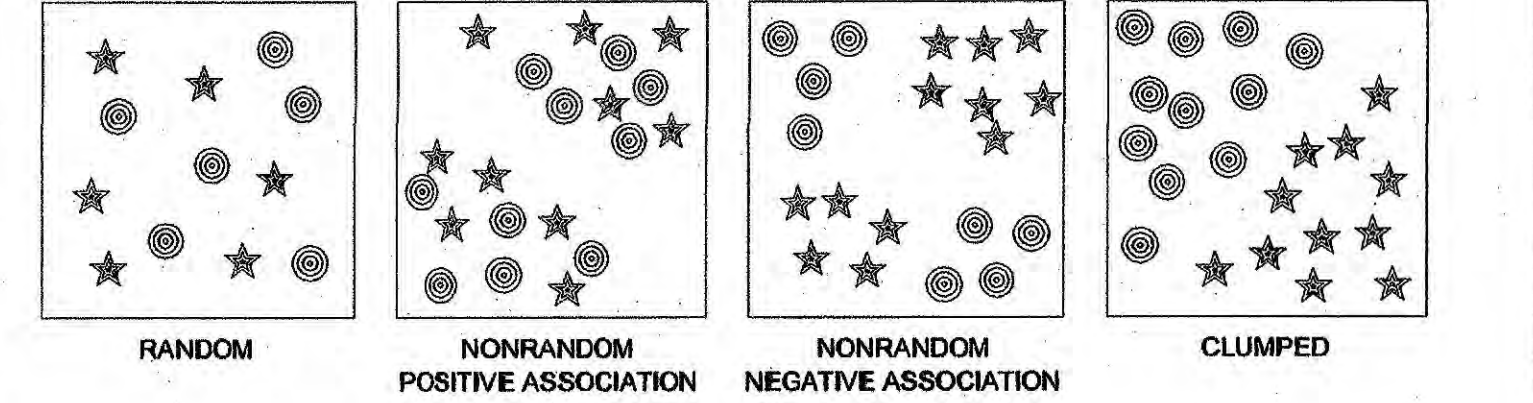
- NOTES:
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 - AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 - SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 - SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVICE.
 - LOCATE SIGNS APPROXIMATELY EVERY 50' ALONG FENCING.
 - SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF L.O.D., AND REMAIN IN PLACE IN PERPETUITY.
 - WHEN THE SPECIMEN TREE SIGN IS LOCATED WITHIN 10' OF EITHER A PRESERVATION OR REFORESTATION SIGN, THE TWO SIGNS MAY BE POSTED ON A SINGLE POST.

1 SPECIMEN TREE SIGN
SCALE: NTS

PLANTING DISTRIBUTION PATTERNS

AFFORESTATION & REFORESTATION AREAS

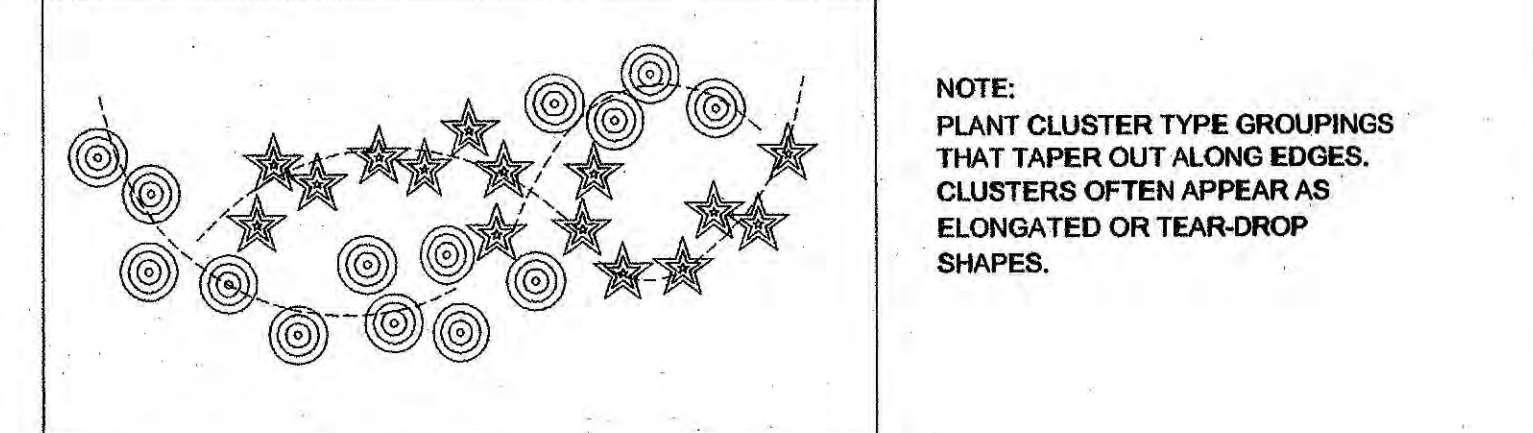
TYPICAL FOREST TREE DISTRIBUTION PATTERNS



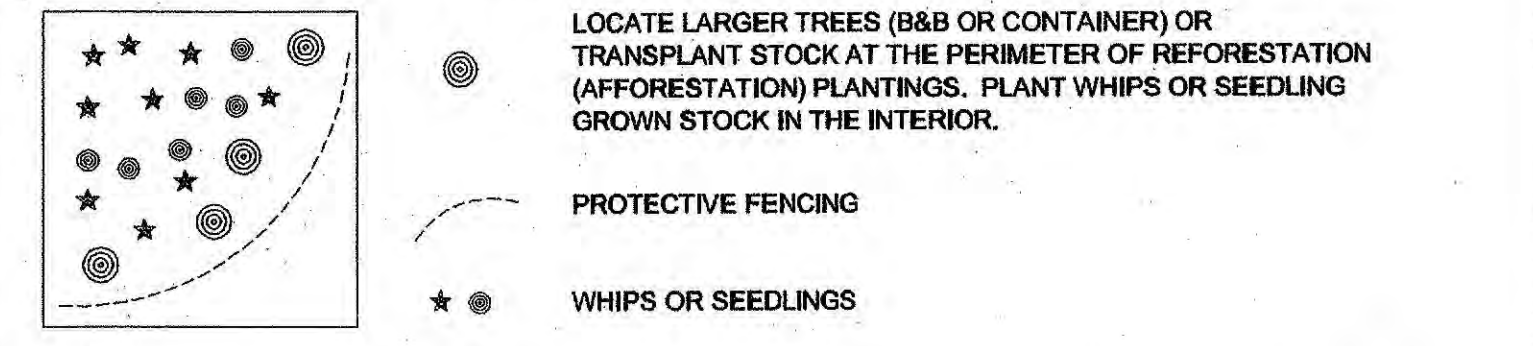
SPECIES 1 **SPECIES 2**

NOTE:
NATURALLY OCCURRING POPULATIONS OF TREES TEND TO BE FOUND IN INFORMAL GROUPINGS. A CLUSTER OF TREES IS REALLY A MOSAIC OF DIFFERENT SPECIES GROUPS. THE OBJECTIVE OF AN AFFORESTATION/REFORESTATION PLAN IS TO SELECT THE APPROPRIATE SPECIES AND DISTRIBUTION PATTERN FOR A CHOSEN SITE THAT MIMICS NATURAL PATTERNS.

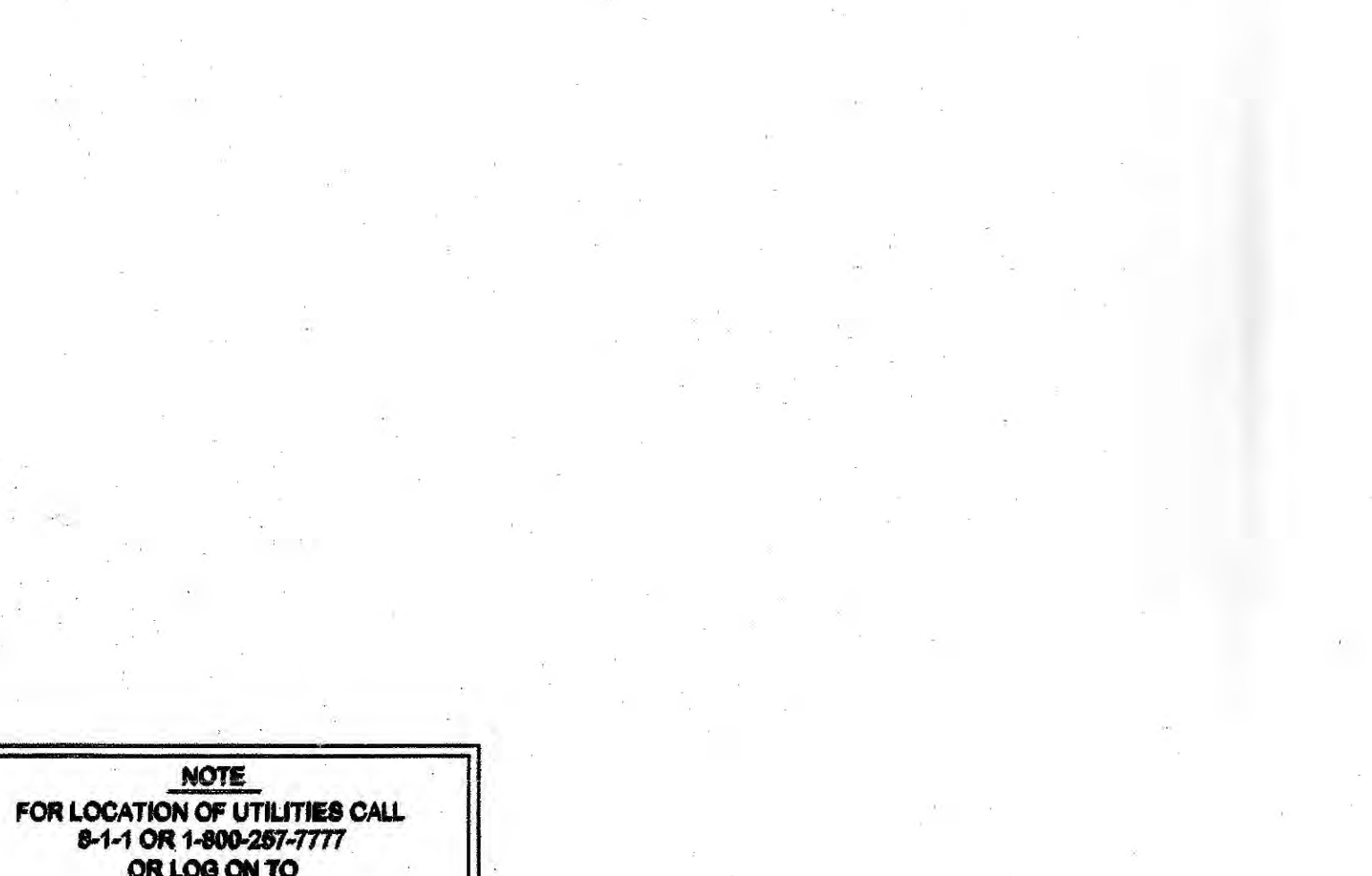
AGGREGATE DISTRIBUTION DRIFT



MIXING TRANSPLANT STOCK



SEEDLING PLANTING TECHNIQUES (MANUAL)



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

- NOTES:
- SOURCE: ADAPTED FROM FOREST CONSERVATION MANUAL, 1991.
 - MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

7 SEEDLING PLANTING TECHNIQUES (MANUAL)
SCALE: NTS

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>	33	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

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.811.com
http://www.missouri.gov
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.

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
109A	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	4
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

REFORESTATION/AFFORESTATION PLANT SCHEDULES

AFFORESTATION / REFORESTATION AREA #1 (SECTION 1A)										Acreage	0.31	Upland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	80	80	24.2%					
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	45	45	18.1%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	40	40	16.1%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	63	63	25.4%					
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	40	40	16.1%					
					Reforestation Units Provided	248						
					Total Reforestation Units Required	248						
					Excess	0						

AFFORESTATION / REFORESTATION AREA #2 (SECTION 1A)										Acreage	0.05	Upland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	10	10	25.0%					
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	5	5	12.5%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	5	5	12.5%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	15	15	37.5%					
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	5	5	12.5%					
					Reforestation Units Provided	40						
					Total Reforestation Units Required	40						
					Excess	0						

AFFORESTATION / REFORESTATION AREA #3 (SECTION 1A)										Acreage	0.30	Upland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	50	50	20.8%					
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	45	45	18.8%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	45	45	18.8%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	55	55	22.9%					
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	45	45	18.8%					
					Reforestation Units Provided	240						
					Total Reforestation Units Required	240						
					Excess	0						

AFFORESTATION / REFORESTATION AREA #4 (SECTION 1A)										Acreage	0.16	Upland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	30	30	23.4%					
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	20	20	15.8%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	20	20	15.8%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	38	38	29.7%					
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	20	20	15.8%					
					Reforestation Units Provided	128						
					Total Reforestation Units Required	128						
					Excess	0						

AFFORESTATION / REFORESTATION AREA #5 (SECTION 1A)										Acreage	0.79	Upland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	15	75	11.9%					
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	10	50	7.9%					
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	4	12	1.9%					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	120	120	19.0%					
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	85	85	13.4%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	85	85	13.4%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	120	120	19.0%					
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	85	85	13.4%					
					Reforestation Units Provided	632						
					Total Reforestation Units Required	632						
					Excess	0						

AFFORESTATION / REFORESTATION AREA #6 (SECTION 1A)										Acreage	1.03	Upland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	43	215	26.1%					
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	19	95	11.5%					
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	25	75	9.1%					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	105	105	12.7%					
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	75	75	9.1%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	75	75	9.1%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	109	109	13.2%					
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	75	75	9.1%					
					Reforestation Units Provided	824						
					Total Reforestation Units Required	824						
					Excess	0						

AFFORESTATION / REFORESTATION AREA #7 (SECTION 1A)										Acreage	0.58	Lowland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	85	85	18.3%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	85	85	18.3%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	94	94	20.3%					
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	100	100	21.6%					
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	100	100	21.6%					
					Reforestation Units Provided	464						
					Total Reforestation Units Required	464						
					Excess	0						

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.csl811.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.

AFFORESTATION / REFORESTATION AREA #8 (SECTION 1A)										Acreage	0.73	Upland Plantings
Species	Common Name	Size	Credits/Unit	Type	Quantity	Reforestation Credits	Percent of Stocking					
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	19	95	16.3%					
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	8	40	6.8%					
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	7	21	3.6%					
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	100	100	17.1%					
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	75	75	12.8%					
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	75	75	12.8%					
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	103	103	17.8%					
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	75	75	12.8%					
					Reforestation Units Provided	584						
					Total Reforestation Units Required	584						
					Excess	0						

AFFORESTATION / REFORESTATION AREA #9 (SECTION 1A)					Acreage	0.14	Upland Plantings
Species		Planting Stock				Reforestation	Percent of
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity	Credits	Stocking
Acer rubrum	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	25	25	22.3%
Cercis canadensis	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	20	20	17.9%
Liquidambar styraciflua	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	20	20	17.9%
Pinus taeda	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	27	27	24.1%
Quercus rubra	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	20	20	17.9%
					Reforestation Units Provided	112	
					Total Reforestation Units Required	112	
					Excess	0	