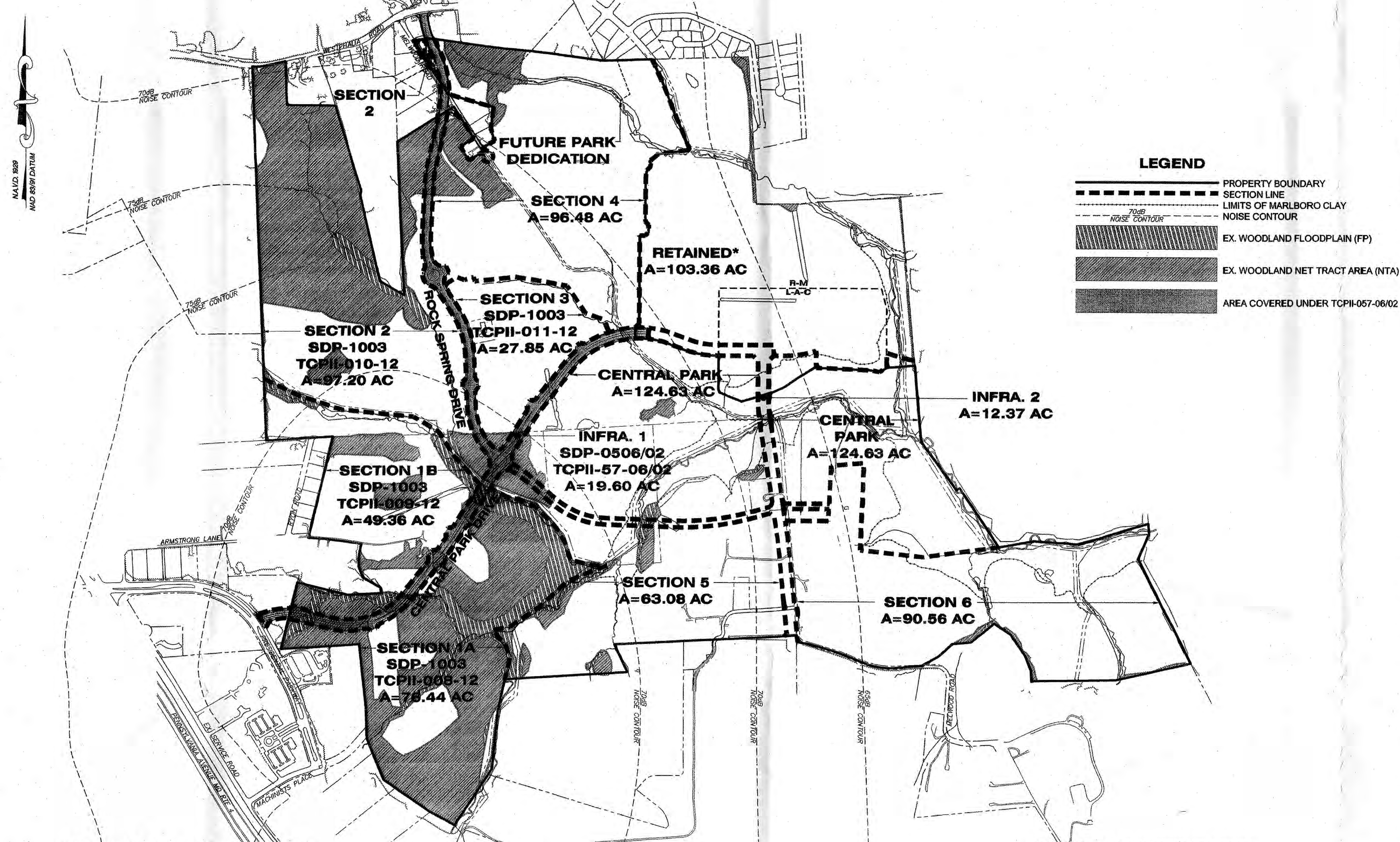


NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
http://www.misutility.net
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE THE EXACT LOCATION AND
ELEVATION OF THE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

SMITH HOME FARM

TYPE II TREE CONSERVATION PLAN FOR LOTS AND PARCELS

SECTION 1B (INFRASTRUCTURE ONLY)



SECTION AND LOCATION PLAN
SCALE: 1"=500'

WOODLAND AREA SUMMARY TABLE

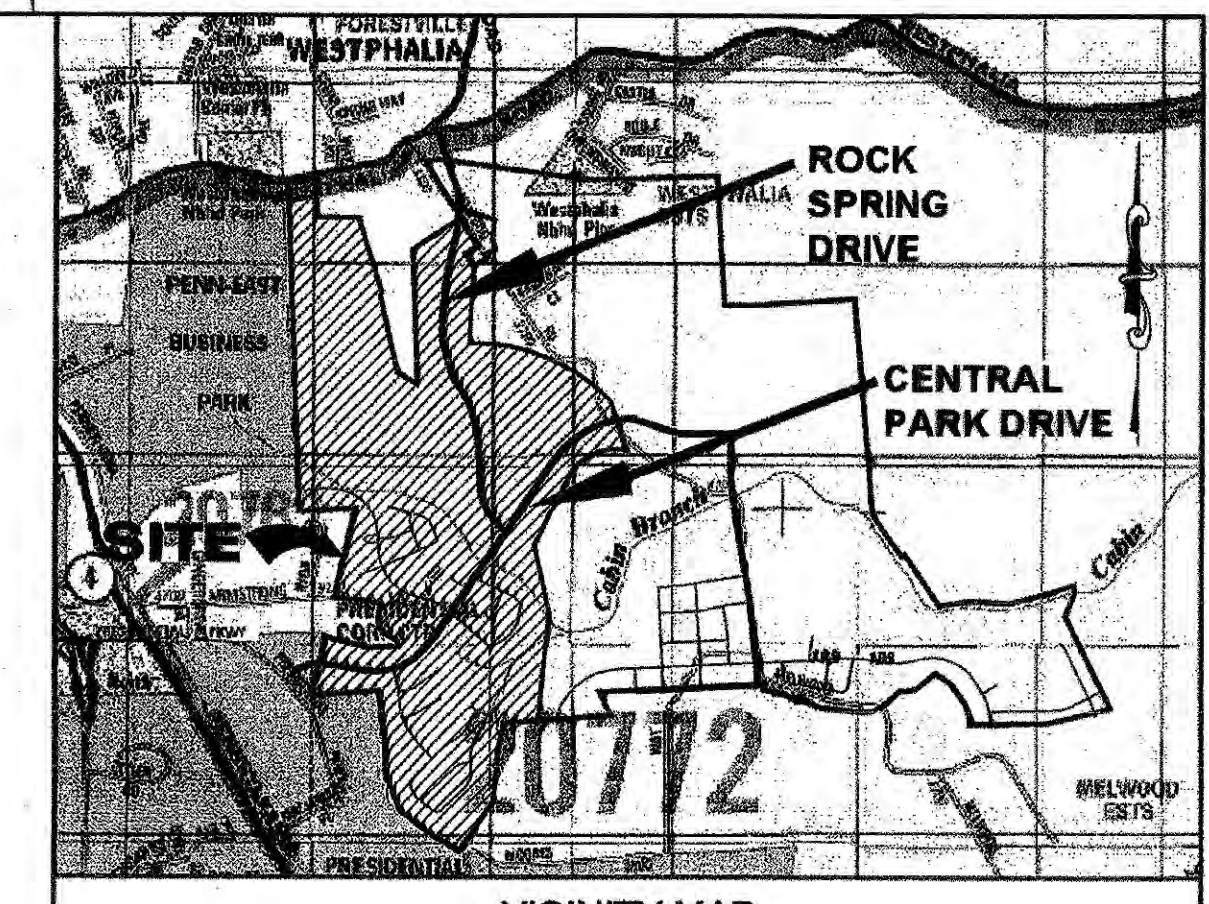
WOODLAND CLEARED (C-NTA)			WOODLAND CLEARED FLOODPLAIN AREA (C-FP)			WOODLAND CLEARED OFFSITE AREA (C-OS) &/OR PMA		
LABEL	PHASE	AREA	LABEL	PHASE	AREA	LABEL	PHASE	AREA
1B1	1B	1.36	1B6	1B	0.63	1B8	1B(C-PMA)	0.48
1B2	1B	1.68	1B7	1B	0.01			
1B3	1B	2.10	1B9	1B	0.03			
1B4	1B	3.40						
1B5	1B	0.11						
TOTAL		8.65	TOTAL		0.67	TOTAL		0.48

AFFORESTATION AREA SUMMARY TABLE

WOODLAND RE/AFFORESTATION (WRA)		
LABEL	PHASE	AREA
1	1B	0.13
2	1B	0.14
3	1B	1.06
4	1B	3.06
5	1B	0.10
6	1B	3.98
7	1B	0.56
TOTAL		9.03

WOODLAND CONSERVATION SUMMARY TABLE

Phase	Gross Tract Area	100-Yr Floodplain (FP)	Net Tract Area (NTA)	Ex. Woodland (NTA)	Ex. Woodland (FP)	Woodland Cleared Net Tract (C-NTA)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Off-Site (C-OS)	Woodland Cleared PMA (C-PMA)	Woodland Preserv. Area (WPA)	Woodland Retained/Not Credited (WR-NC)	Woodland Retained/Assumed Cleared (WR-AC)
1B	49.36	7.75	41.61	10.37	3.90	8.65	0.67	0.00	0.48	1.17	9.03	0.07



VICINITY MAP
SCALE: 1"=2000'
ADC MAP 5651
D-7 E-6,7,8,9 F-6,7,8
COPYRIGHT ADC THE MAP PEOPLE
PERMITTED USE NUMBER 20711182

- #### 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 IS 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 LOJEDERMAN SOLTESZ ASSOCIATES, INC. AS REVISED 11/14/06 AND NRI-084-06/01 PREPARED BY DEWBERRY AS REVISED 12/18/2008.
3.1. TOPOGRAPHY: VRM (AERIAL PHOTOGRAPHY)
3.2. WETLANDS: MCCARTHY ASSOCIATES, INC. STUDY DATED 11/20/04.
3.3. FLOODPLAIN: PDEGR 2004/07
3.4. RTE PRESENCE: NONE PER MD DNR LETTER DATED 11/10/04.
3.5. SPECIMEN TREES: FIELD OBSERVATION, LSA, INC.
3.6. BOUNDARY: ALTA PREPARED BY DEWBERRY REVISED JUNE 2011.
 - 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 \$8.00 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 & Davis LLC
10008 DENERWOOD LANE
SUITE 204
LANHAM, MD 20706
301.781.5595
301.781.0188 FAX
www.dewberry.com

DEVELOPER/APPLICANT
SHF PROJECT OWNER, LLC
1989 AVENUE OF THE STARS, SUITE 2850
LOS ANGELES, CA 90067

ATTORNEY/CONTACT:
MARVA JO CAMP
PH: 301-945-0255
ADDITIONAL CONTACT:
SEAN F. BRUCE
S. F. BRUCE DEVELOPMENT
PH: 301-502-0856

SMITH HOME FARM
PRINCE GEORGES COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 80, 81, GRID: MULTIPLE
ADJUSTED PARCEL 1, PARCELS III, IV, V, VI, VII & IX
207 MAP REFERENCE: 205506-05, 206506-06, 207506

SEAL

KEY PLAN

SEC. 1B
THIS PLAN

SCALE

AS-SHOWN

3	09/12/2012	EDL	MNCPCC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

No. DATE BY Description

REVISIONS

DRAWN BY

APPROVED BY

CHECKED BY

DATE

TITLE

TYPE II TREE CONSERVATION PLAN
COVER SHEET

DEWBERRY JOB NO. 50038403

1

SHEET NO. 1 OF 12

M-NCPPC
PRINCE GEORGES COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCP11-009-12

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

01
02
03
04
05

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 Attached Sheet When Apply to This Sheet

06 12/12/12 EPS 12/12/12

APPROVED PLAN

OVERALL WOODLAND CONSERVATION WORKSHEET

Woodland Conservation Worksheet for Prince George's County, Maryland

Zone: R-M L-A-C

Gross Tract: 730.48 30.46

Floodplain: 112.54 0.11

Previously Dedicated Land: 0.00 0.00

Net Tract (NTA): 617.94 30.34 0.00

Property Description or Subdivision Name: SMITH HOME FARM

Is this site subject to the 1989 Ordinance? N

Break-even Point (preservation acres) = 137.33

Acres of Net Tract clearing permitted w/o reforestation = 0.00

Woodland Conservation Requirement Calculations:

Existing Woodland on Net Tract (acres) 137.33

Existing Woodland in Floodplain (acres) 26.18

Woodland Conservation Threshold (NTA) = 24.53% 159.04

Smaller of a or c 137.33

Woodland above WCT 0.00

SDPI: 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

TC2P # 2-057-08 2-008-12 2-009-12 2-010-12 2-011-12

Rev# 2 0.000000 0.000000 0.000000 0.000000

Approval Date Pending Pending Pending Pending Pending

Permit Status

Plan Number: (This must be completed for each phase)

Plan Phase or Name: INFRA 1 PH 1A PH 1B PH 1C PH 1D INFRA 2 PH 4 PH 6 PH 8 PH 10 PH 12

Plan area in this application (acres) 16.80 78.44 48.36 97.00 27.85 12.37 96.48 83.08 90.86 124.83 103.36 760.93

Floodplain area in this application (acres) 1.13 14.26 7.75 8.49 0.00 1.46 12.35 13.45 13.45 13.45 13.45 7.68

Net Tract area in this application (acres) 18.47 82.18 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 phase (acres) 5.76 47.17 10.37 52.51 0.53 0.69 12.05 3.98 0.82 2.36 1.09 137.33

Woodland in the Floodplain for this phase 0.82 13.04 3.90 3.52 0.00 0.11 0.00 3.52 0.22 0.49 0.58 26.18

Woodland Cleared on Net Tract for this phase 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 phase 0.82 2.08 0.67 0.19 0.00 0.11 0.00 0.36 0.00 0.03 0.04 4.30

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) 2.46 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 95.84 100.14 100.86 100.98 102.10 102.30

Cumulative acres of PMA2 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 3.76 3.76 3.87 3.87 4.23 4.23 4.26 4.30

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 95.84 100.14 100.86 100.98 102.10 102.30

Replacement for clearing above the WCT (0.25 : 1) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Replacement for clearing below the WCT (2 : 1) 10.08 85.28 102.72 189.24 189.30 191.68 200.28 201.78 201.98 204.20 204.60

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 146.40 197.39 198.55 242.00 242.53 243.33 247.63 248.78 248.88 250.02 250.26

Woodland Conservation Provided:

Preservation 0.00 8.68 1.17 7.90 0.00 0.00 7.17 0.72 0.00 0.88 29.72

Afforestation/Reforestation 0.00 5.59 9.03 13.14 4.00 0.00 12.85 12.41 24.45 38.32 10.13 130.01

Natural Regeneration 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Area approved for fee-in-lieu 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Credit for Off-site Mitigation on another property 0.00 16.30 10.90 20.43 6.61 0.00 0.00 13.63 19.11 0.00 3.54 95.53

Off-site Mitigation Preservation 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

Off-site Mitigation Afforestation 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

Total Woodland Conservation Provided 0.00 36.57 51.67 93.14 103.84 103.84 123.86 153.10 197.38 235.70 250.26 250.26

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 0.10

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 0.00

Woodland Conservation Requirement This Phase 14.83 88.10 18.94 98.81 1.06 1.49 16.35 5.13 0.92 3.50 1.33 250.26

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 14.56 250.26

Woodland Conservation Shortage/Supplies This Phase -14.83 -57.53 2.16 -57.14 9.64 -1.49 3.87 24.10 43.36 34.82 13.23 0.00

NOTES: 1. PER CONDITION 1.1.1 OF COUNTY COUNCIL ORDER CDP-8501, R-M IS TO HAVE 25% THRESHOLD.

2. PER CONDITION 1.2.2 OF COUNTY COUNCIL ORDER CDP-8501, CLEARING IN THE PMA IS TO BE MITIGATED AT 1:1.

Prepared by: License Number: Signature: Date:

WORKSHEET NOTES:

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

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

- IF THE DEVELOPER OR BUILDER NO LONGER HAS AN INTEREST IN THE PROPERTY AND THE NEW OWNER DESIRES TO REMOVE A HAZARDOUS TREE OR PORTION THEREOF, THE NEW OWNER SHALL OBTAIN A WRITTEN STATEMENT FROM A CERTIFIED ARBORIST OR LICENSED TREE EXPERT IDENTIFYING THE HAZARDOUS CONDITION AND THE PROPOSED CORRECTIVE MEASURES PRIOR TO HAVING THE WORK CONDUCTED. AFTER PROPER DOCUMENTATION HAS BEEN COMPLETED PER THE HANDOUT "GUIDANCE FOR PRINCE GEORGE'S COUNTY PROPERTY OWNERS, PRESERVATION OF WOODLAND CONSERVATION AREAS", THE ARBORIST OR TREE EXPERT MAY THEN REMOVE THE TREE. THE STUMP SHALL BE CUT AS CLOSE TO THE GROUND AS POSSIBLE AND LEFT IN PLACE. THE REMOVAL OR GRINDING OF THE STUMPS IN THE WOODLAND CONSERVATION AREA IS NOT PERMITTED.

IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE 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 TC2P. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

- THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAIN SAW). THESE PLANTS MAY BE CUT NEAR THE GROUND AND MATERIAL LESS THAN TWO INCHES DIAMETER MAY BE CUT TO ALLOW DISPOSAL OF APPROPRIATELY. ALL MATERIAL FROM THESE NOXIOUS, INVASIVE, AND NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.
- THE USE OF 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.
- 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 TCPI Worksheet for Phased Projects

Woodland Conservation Worksheet for Prince George's County

Zone: R-M

Gross Tract: 49.36

Floodplain: 7.75

Previously Dedicated Land: 0.00

Net Tract (NTA): 41.81

Property Description or Subdivision Name: TCPI-09-12 Smith Home Farm Section 18

Owner: SHF Project Owner, LLC

Address: 1589 Avenue of the Stars, Los Angeles, CA 90067

Phone: 310.624.2200

TCPI Number: TCPI/3805

Woodland Conservation Calculations:

Acres of Existing Woodland 10.37

Woodland Conservation Required for this Phase 20.98

Area of Woodland Cleared per TCPI 98.47

Area of Woodland above WCT that was not cleared by TCPI 0.00

Additional Woodland Cleared by TCPI 0.00

Does the TCPI show 2:1 replacement Y

Clearing above WCT 0.00

Clearing below WCT 0.00

Total Woodland Conservation Required for this Section: 20.98

Woodland Conservation Provided:

Woodland Preservation 1.17

Afforestation / Reforestation 9.03

Natural Regeneration 0.00

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 10.75

Off-site Mitigation provided on this property 0.00

Total Woodland Conservation Provided 20.98

Area of net tract woodland not cleared 1.17

Woodland retained not part of requirements: 0.00

Prepared by: David L. Taylor, Jr.

Address: 3108 Lord Baltimore Dr., Ste. 110, Baltimore, MD 21244

Phone: 410.645.1829

License: Licensed Landscape Architect

PLANTING SPECIFICATION NOTES

- QUANTITY: (SEE PLANT SCHEDULE)
- TYPE: (SEE PLANT SCHEDULE)
- PLANT QUALITY STANDARDS: THE PLANTS SHALL BE HEALTHY AND STURDY REPRESENTATIVES OF THEIR SPECIES. SEEDLINGS SHALL HAVE A MINIMUM TOP GROWTH OF 18". THE DIAMETER OF THE ROOT COLLAR (THE PART OF THE ROOT JUST BELOW GROUND LEVEL) SHALL BE AT LEAST 3/8". THE ROOTS SHALL BE WELL DEVELOPED AND AT LEAST 8" LONG, NO MORE THAN TWENTY-FIVE PERCENT (25%) OF THE ROOT SYSTEM (BOTH PRIMARY AND AUXILIARY/FIBROUS ROOTS) SHALL BE PRESENT.

PLANTS THAT DO NOT HAVE AN ABUNDANCE OF WELL DEVELOPED TERMINAL BUDS ON THE LEADERS AND BRANCHES SHALL BE REJECTED.

PLANTS SHALL BE SHIPPED BY THE NURSERY IMMEDIATELY AFTER LIFTING FROM THE FIELD OR REMOVAL FROM THE GREENHOUSE, AND PLANTED IMMEDIATELY UPON RECEIPT BY THE LANDSCAPE CONTRACTOR.

IF THE PLANTS CANNOT BE PLANTED IMMEDIATELY AFTER DELIVERY TO THE REFORESTATION SITE, THEY SHALL BE STORED IN THE SHADE WITH THEIR ROOT MASSES PROTECTED FROM DIRECT EXPOSURE TO SUN AND WIND BY THE USE OF STRAW, PEAT MOSS, COMPOST, OR OTHER SUITABLE MATERIAL AND SHALL BE MAINTAINED THROUGH PERIODIC WATERING, UNTIL THE TIME OF PLANTING.

- PLANT HANDLING: THE QUANTITY OF SEEDLINGS TAKEN TO THE FIELD SHALL NOT EXCEED THE QUANTITY THAT CAN BE PLANTED IN A DAY. SEEDLINGS, ONCE REMOVED FROM THE NURSERY OR TEMPORARY STORAGE AREA SHALL BE PLANTED IMMEDIATELY.
- TIMING OF PLANTING: THE BEST TIME TO PLANT SEEDLINGS IS WHILE THEY ARE DORMANT, PRIOR TO SPRING BUDDING, THE MOST SUITABLE MONTHS FOR PLANTING ARE MARCH AND APRIL, WHEN THE SOIL IS MOIST, BUT MAY BE PLANTED FROM MARCH THROUGH NOVEMBER. NO PLANTING SHALL BE DONE WHILE GROUND IS FROZEN. PLANTING SHALL OCCUR WITHIN ONE GROWING SEASON OF THE ISSUANCE OF GRADING/BUILDING PERMITS AND/OR REACHING THE FINAL GRADES AND STABILIZATION OF PLANTING AREAS.
- SEEDLING PLANTING: TREE SEEDLINGS SHALL BE PLANTED USING A DIBBLE BAR OR SHARP-SHOOTER SHOVEL. IT IS IMPORTANT THAT THE SEEDLING BE PLACED IN THE HOLE SO THAT THE ROOTS CAN SPREAD OUT NATURALLY; THEY SHOULD NOT BE TWISTED, BALLED UP OR BENT. 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.
- SPACING: SEE PLANT SCHEDULE AND/OR PLANTING PLAN FOR SPACING REQUIREMENTS. ALSO REFER TO THE PLANTING LAYOUT DETAIL FOR A DESCRIPTION OF THE GENERAL PLANTING THEORY.
- SOIL: UPON THE COMPLETION OF ALL GRADING OPERATIONS, A SOIL TEST SHALL BE CONDUCTED TO DETERMINE WHAT SOIL PREPARATION AND SOIL AMENDMENTS, IF ANY, ARE NECESSARY TO CREATE GOOD TREE GROWING CONDITIONS. SOIL SAMPLES SHALL BE TAKEN AT A RATE THAT PROVIDES ONE SOIL SAMPLE FOR EACH AREA THAT APPEARS TO HAVE A DIFFERENT SOIL TYPE (IF THE ENTIRE AREA APPEARS UNIFORM, THEN ONLY ONE SAMPLE IS NECESSARY), AND SUBMITTED FOR TESTING TO A PRIVATE COMPANY. THE COMPANY OF CHOICE SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE EXISTING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRECTIONS OF SOIL TEXTURE, PH, MAGNESIUM, PHOSPHORUS, POTASSIUM, CALCIUM AND ORGANIC MATTER.
- SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY THE TESTING COMPANY.
- FENCING AND SIGNAGE: FINAL PROTECTIVE FENCING SHALL BE PLACED ON THE VISIBLE AND/OR DEVELOPMENT SIDE OF PLANTING AREAS. THE FINAL PROTECTIVE FENCE SHALL BE INSTALLED UPON COMPLETION OF PLANTING OPERATIONS UNLESS IT WAS INSTALLED DURING THE INITIAL STAGES OF DEVELOPMENT. SIGNS SHALL BE POSTED PER THE SIGNAGE DETAIL ON THIS SHEET.
- PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN.
- MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MUCK (AS NOTED) TO EACH PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN).
- GROUND COVER ESTABLISHMENT: THE REMAINING DISTURBED AREA BETWEEN SEEDLING PLANTING SITES SHALL BE SEEDBED AND STABILIZED WITH WHITE CLOVER SEED AT THE RATE OF 5 LBS/ACRE.
- MOWING: NO MOWING SHALL BE ALLOWED AFTER ANY PLANTING AREA.
- SURVIVAL CHECK FOR BOND RELEASE: THE SEEDLING PLANTING IS TO BE CHECKED AT THE END OF EACH YEAR FOR FOUR YEARS TO ASSURE THAT NO LESS THAN 75% OF THE ORIGINAL PLANTED QUANTITY SURVIVES. IF THE MINIMUM NUMBER HAS NOT BEEN PROVIDED THE AREA MUST BE SUPPLEMENTED WITH ADDITIONAL SEEDLINGS TO REACH THE REQUIRED NUMBER AT TIME OF PLANTING.
- SOURCE OF SEEDLINGS: TO BE DETERMINED BY APPLICANT.

VIRGINIA PINES W/IN 40' LOD NOTE:

- THE SUBJECT PROPERTY CONTAINS VIRGINIA PINES (Pinus virginiana) THAT ARE SUBJECT TO WIND THROW. ALL VIRGINIA PINES GREATER THAN 6 INCHES IN DIAMETER WITHIN 40 FEET OF THE FINAL PROPOSED LIMIT OF DISTURBANCE OR THE BOUNDARY OF THE PROPERTY SHALL BE CUT DOWN BY HAND DURING THE CLEARING OF THE SITE.
- AFTER THE VIRGINIA PINES HAVE BEEN REMOVED, THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS TC2P SHALL SUBMIT AN EVALUATION OF THE STOCKING LEVELS FOR THE RESIDUAL STAND, MANAGEMENT TECHNIQUES TO BE APPLIED TO THE RESIDUAL STAND, AND SUPPLEMENTAL PLANTING REQUIREMENTS TO THE M-NCPCC PLANNING DEPARTMENT. THIS EVALUATION SHALL BE SUBMITTED PRIOR TO THE ISSUANCE OF THE FIRST BUILDING PERMIT TO ENSURE THAT ALL HIGH RISK TREES HAVE BEEN REMOVED. A PLANTING SCHEDULE AND/OR DETAILS FOR THE MANAGEMENT OF NATURAL REGENERATION TO FULLY RESTOCK THE SITE MUST BE SHOWN ON THE PLAN.

TREE PRESERVATION AND RETENTION NOTES

- ALL WOODLANDS IDENTIFIED 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 TC2P.
- TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN.
- THE LOCATION OF ANY TEMPORARY TREE PROTECTION FENCING (TPF) SHOWN ON THIS PLAN SHALL BE FLAGGED OR STAKED IN THE FIELD PRIOR TO THE PRE-CONSTRUCTION MEETING. UPON APPROVAL OF THE LOCATIONS BY THE COUNTY INSPECTOR, INSTALLATION OF THE TPF MAY BEGIN.
- ALL TEMPORARY TREE PROTECTION FENCING REQUIRED BY THIS PLAN SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE BOND IS RELEASED FOR THE PROJECT. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE DEVICES IS A VIOLATION OF THIS TC2P.
- WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TPF INSTALLATION. THESE SIGNS MUST REMAIN IN PERPETUITY.

REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS

- THE DEVELOPER AND/OR BUILDER IS RESPONSIBLE FOR THE COMPLETE PRESERVATION OF ALL FORESTED AREAS SHOWN ON THE APPROVED PLAN TO REMAIN UNDISTURBED. ONLY TREES OR PARTS THEREOF DESIGNATED BY THE COUNTY AS DEAD, DYING, OR HAZARDOUS MAY BE REMOVED.
- A TREE IS CONSIDERED HAZARDOUS IF A CONDITION IS PRESENT WHICH LEADS A CERTIFIED ARBORIST OR LICENSED TREE EXPERT TO BELIEVE THAT THE TREE OR A PORTION OF THE TREE HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.
- DURING THE INITIAL STAGES OF CLEARING AND GRADING, IF HAZARDOUS TREES ARE PRESENT, OR TREES ARE PRESENT THAT ARE NOT HAZARDOUS BUT ARE LEANING INTO THE DISTURBED AREA, THE PERMITTEE SHALL REMOVE SAID TREES USING A CHAIN SAW. CORRECTIVE MEASURES INCLUDING THE REMOVAL OF THE HAZARDOUS TREE OR PORTIONS THEREOF SHALL REQUIRE AUTHORIZATION BY THE COUNTY INSPECTOR. ONLY AFTER APPROVAL BY THE INSPECTOR MAY THE TREE BE CUT BY CHAINSAW TO NEAR THE EXISTING GROUND LEVEL. THE STUMP SHALL NOT BE REMOVED OR COVERED WITH SOIL, MULCH OR OTHER MATERIALS THAT WOULD INHIBIT SPROUTING.
- IF A TREE OR TREES BECOME HAZARDOUS PRIOR TO BOND RELEASE FOR THE PROJECT, DUE TO STORM EVENTS OR OTHER SITUATIONS NOT RESULTING FROM AN ACTION BY THE PERMITTEE, PRIOR TO REMOVAL, A CERTIFIED ARBORIST OR LICENSED TREE EXPERT MUST CERTIFY THAT THE TREE OR THE PORTION OF THE TREE IN QUESTION HAS A POTENTIAL TO FALL AND STRIKE A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA, OR OTHER HIGH USE AREA AND OR 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.

IF CORRECTIVE PRUNING MAY ALLEVIATE A HAZARDOUS CONDITION, THE CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MAY PROCEED WITHOUT FURTHER AUTHORIZATION. THE PRUNING MUST BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE APPROPRIATE ANSI A-300 PRUNING STANDARDS. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.

DEBRIS FROM THE TREE REMOVAL OR PRUNING THAT OCCURS WITHIN 35 FEET OF THE WOODLAND EDGE MAY BE REMOVED AND PROPERLY DISPOSED OF BY RECYCLING, CHIPPING OR OTHER ACCEPTABLE METHODS. ALL DEBRIS THAT IS MORE THAN 35 FEET FROM THE WOODLAND EDGE SHALL BE CUT UP TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THE SMALLER MATERIALS SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.

TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TC2P. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

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

AFFORESTATION AND REFORESTATION NOTES

- ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FOOTAGE, SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF ANY PERMITS. THESE BONDS WILL BE RETAINED AS SURETY UNTIL ALL REQUIRED ACTIVITIES HAVE BEEN SATISFIED OR THE REQUIRED TIMEFRAME FOR MAINTENANCE HAS PASSED WHICHEVER IS LONGER.
- THE PLANTING OF AFFORESTATION AREAS SHALL BE COMPLETED AT A SCHEDULE CONSISTENT WITH DEVELOPMENT. SEEDLING PLANTING IS TO OCCUR FROM NOVEMBER THROUGH MAY ONLY AS LONG AS THE GROUND IS NOT FROZEN. PLANTING WITH LARGER CALIBER STOCK OR CONTAINERIZED STOCK MAY BE DONE AT ANY TIME PROVIDED A DETAILED MAINTENANCE SCHEDULE IS PROVIDED.
- IF PLANTING CANNOT OCCUR DUE TO PLANTING CONDITIONS, THE DEVELOPER OR PROPERTY OWNER SHALL INSTALL THE FENCING AND SIGNAGE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN. PLANTING SHALL THEN BE ACCOMPLISHED DURING THE NEXT PLANTING SEASON. IF PLANTING IS DELAYED BEYOND THE TRANSFER OF THE PROPERTY TITLE TO THE HOMEOWNER, THE DEVELOPER OR BUILDER SHALL OBTAIN A SIGNED STATEMENT FROM THE PURCHASER INDICATING THAT THEY UNDERSTAND THAT THE REFORESTATION AREA IS LOCATED ON THEIR PROPERTY AND THAT REFORESTATION WILL OCCUR DURING THE NEXT PLANTING SEASON. A COPY OF THAT DOCUMENT SHALL BE PRESENTED TO THE GRADING INSPECTOR AND THE COUNTY.
- REFORESTATION AREAS SHALL NOT BE MOVED. THE MANAGEMENT OF COMPETING VEGETATION AROUND INDIVIDUAL TREES AND THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION WITHIN THE REFORESTATION AREA IS ACCEPTABLE.
- ALL REQUIRED TEMPORARY TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE PERMANENT TREE PROTECTION FENCING IS INSTALLED WITH THE REQUIRED PLANTING. THE TEMPORARY FENCING IS NOT REQUIRED TO BE INSTALLED IF THE PERMANENT FENCING IS INSTALLED PRIOR TO CLEARING AND GRADING OF THE SITE. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE FENCING IS A VIOLATION OF THIS TC2P.
- AFFORESTATION/REFORESTATION AREAS SHALL BE POSTED WITH NOTIFICATION SIGNAGE, AS SHOWN ON THE PLANS, AT THE SAME TIME AS THE PERMANENT PROTECTION FENCING INSTALLATION. THESE SIGNS SHALL REMAIN IN PERPETUITY.
- THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTING ON THIS SITE.
- AT TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORMATION SHALL BE SUBMITTED TO THE M-NCPCC PLANNING DEPARTMENT REGARDING THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN: CONTRACTOR NAME, BUSINESS NAME (IF DIFFERENT), ADDRESS, AND PHONE NUMBER. RESULTS OF ANNUAL SURVIVAL CHECKS FOR EACH OF THE REQUIRED FOUR YEARS AFTER TREE PLANTING SHALL BE REPORTED TO THE M-NCPCC PLANNING DEPARTMENT.
- FAILURE TO ESTABLISH THE AFFORESTATION OR REFORESTATION WITHIN THE PRESCRIBED TIME FRAME WILL RESULT IN THE FORFEITURE OF THE REFORESTATION BOND AND/OR A VIOLATION OF THIS PLAN INCLUDING THE ASSOCIATED \$8.00 PER SQUARE FOOT PENALTY UNLESS THE COUNTY INSPECTOR APPROVES A WRITTEN EXTENSION.

FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS

FIELD CHECK THE RE-AFFORESTATION AREA ACCORDING TO THE FOLLOWING SCHEDULE:

- YEAR 1: SITE PREPARATION AND TREE PLANTING SURVIVAL CHECK ANNUALLY (SEPTEMBER-NOVEMBER) SEE NOTE 1 WATERING IS NEEDED (2 X MONTH) CONTROL OF UNDESIRABLE VEGETATION AS NEEDED (1 X IN JUNE AND 1 X IN SEPTEMBER MIN.)
- YEAR 2-3: REINFORCEMENT PLANTING IS NEEDED (SEE NOTE 2) SURVIVAL CHECK ANNUALLY (SEPTEMBER-NOVEMBER) CONTROL OF UNDESIRABLE VEGETATION IF NEEDED (1 X IN MAY AND 1 X IN AUGUST MIN.)
- YEAR 4: REINFORCEMENT PLANTING IF NEEDED, (SEE NOTE 2) SURVIVAL CHECK (SEPTEMBER-NOVEMBER)

- SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT LIST (OR AS-BUILT) BY WALKING THE SITE AND TAKING INVENTORY. PLANTS MUST SHOW VITALITY. SUBMIT FIELD DATA FORMS (CONDITION CHECK SHEETS) TO OWNER AFTER EACH INSPECTION. REMOVE ALL DEAD PLANTS.
- REINFORCEMENT PLANTING: REPLACE DEAD OR MISSING PLANTS IN SUFFICIENT QUANTITY TO BRING THE TOTAL NUMBER OF LIVE PLANTS TO AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED. IF A PARTICULAR SPECIES SUFFERS UNUSUALLY HIGH MORTALITY, REPLACE WITH AN ALTERNATIVE PLANT TYPE.
- MISCELLANEOUS: FERTILIZATION OR WATERING DURING YEARS 1 THROUGH 3 WILL BE DONE ON AN AS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATIONS WILL BE CONDUCTED ON AN AS NEEDED BASIS.

PROTECTION OF REFORESTATION AND AFFORESTATION AREAS BY INDIVIDUAL HOMEOWNERS

- REFORESTATION FENCING AND SIGNAGE SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN.
- REFORESTATION AREAS SHALL NOT BE MOVED; HOWEVER, THE MANAGEMENT OF COMPETING VEGETATION AND REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION AROUND INDIVIDUAL TREES IS ACCEPTABLE.

OFF-SITE WOODLAND CONSERVATION NOTE:

PRIOR TO THE ISSUANCE OF THE FIRST GRADING PERMIT FOR THE SECTION OF DEVELOPMENT SHOWN ON THIS TC2P, ALL OFF SITE WOODLAND CONSERVATION REQUIRED BY THIS PLAN SHALL BE IDENTIFIED ON AN APPROVED TC2P PLAN AND RECORDED AS AN OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGE'S COUNTY. A LEGAL PROOF OF RECONSTRUCTION OF THE OFF-SITE CONSERVATION SHALL BE PROVIDED TO THE M-NCPCC PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.

SDP-1003

M-NCPCC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL TREE CONSERVATION PLAN

PROJECT NAME: SMITH HOME FARM

PROJECT NUMBER: SDP-1003

TCPI-009-12

Approved by: KLF/MLA Date: 11/29/12

REVISIONS

1. SURVIVAL CHECK: CHECK PLANTED STOCK AGAINST PLANT LIST (OR AS-BUILT) BY WALKING THE SITE AND TAKING INVENTORY. PLANTS MUST SHOW VITALITY. SUBMIT FIELD DATA FORMS (CONDITION CHECK SHEETS) TO OWNER AFTER EACH INSPECTION. REMOVE ALL DEAD PLANTS.

2. REINFORCEMENT PLANTING: REPLACE DEAD OR MISSING PLANTS IN SUFFICIENT QUANTITY TO BRING THE TOTAL NUMBER OF LIVE PLANTS TO AT LEAST 75% OF THE NUMBER ORIGINALLY PLANTED. IF A PARTICULAR SPECIES SUFFERS UNUSUALLY HIGH MORTALITY, REPLACE WITH AN ALTERNATIVE PLANT TYPE.

3. MISCELLANEOUS: FERTILIZATION OR WATERING DURING YEARS 1 THROUGH 3 WILL BE DONE ON AN AS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATIONS WILL BE CONDUCTED ON AN AS NEEDED BASIS.

9 08/12/2012 EDL MNCPPC COMMENTS

2 06/07/2012 ELD FOR SIGNATURE SET

1 12/22/2011 LRB SDRC COMMENTS

NO. DATE BY DESCRIPTION

REVISIONS

DRAWN BY LRB

APPROVED BY DLT

CHECKED BY DLT

DATE SEPTEMBER 2011

TITLE TYPE II TREE CONSERVATION PLAN

DETAILS, NOTES, & COMPUTATIONS

DEWBERRY JOB NO. 50038403

2

SHEET NO. 2 OF 12



10009 DEERWOOD LANE SUITE 204 LANHAM, MD 20706 301.731.2551 301.731.0186 FAX www.dewberry.com

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

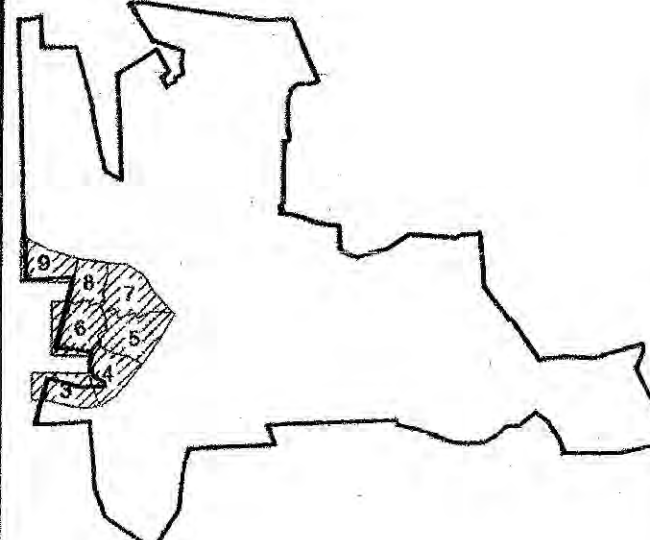
ATTORNEY/CONTACT: MARVA JO CAMP PH: 301-943-0255 ADDITIONAL CONTACT: SEAN F. BRUCE S. F. BRUCE DEVELOPMENT PH: 301-502-0866

SMITH HOME FARM PRINCE GEORGE'S COUNTY MARYLAND 6TH & 15TH ELECTION DISTRICTS TAX MAP: 88 01 - GRID: MULTIPLE ADJACENT PARCEL: PARCELS III, IV, V, VI, VII, VIII & IX 200 MAP REFERENCE: 20050308-09, 20050309

SEAL



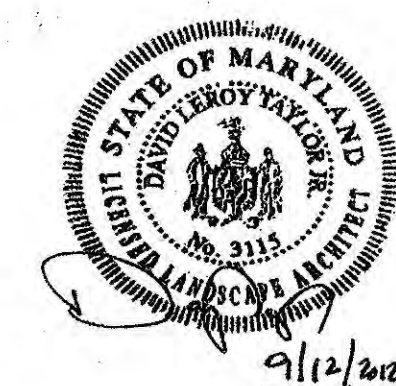
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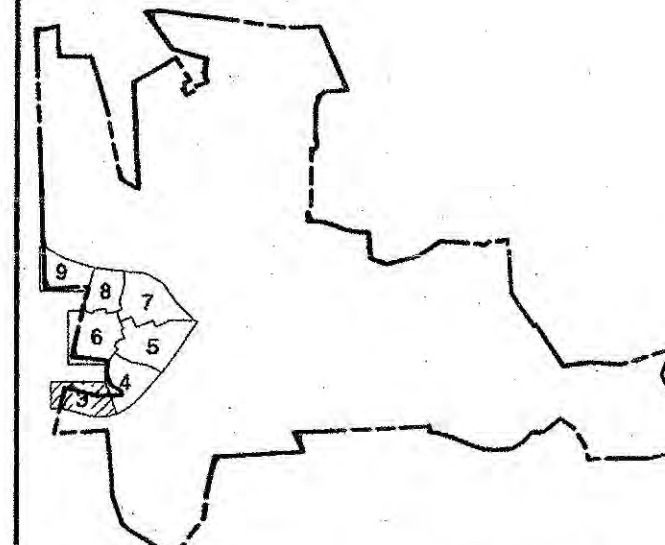
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AS-SHOWN

SEAL

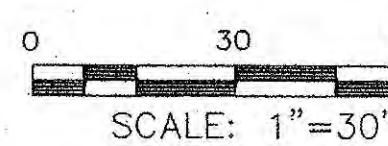


KEY PLAN



THIS TCPII PLAN SHEET CORRESPONDS TO SHEET 14 OF THE SDP AND LANDSCAPE PLANS

SCALE



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

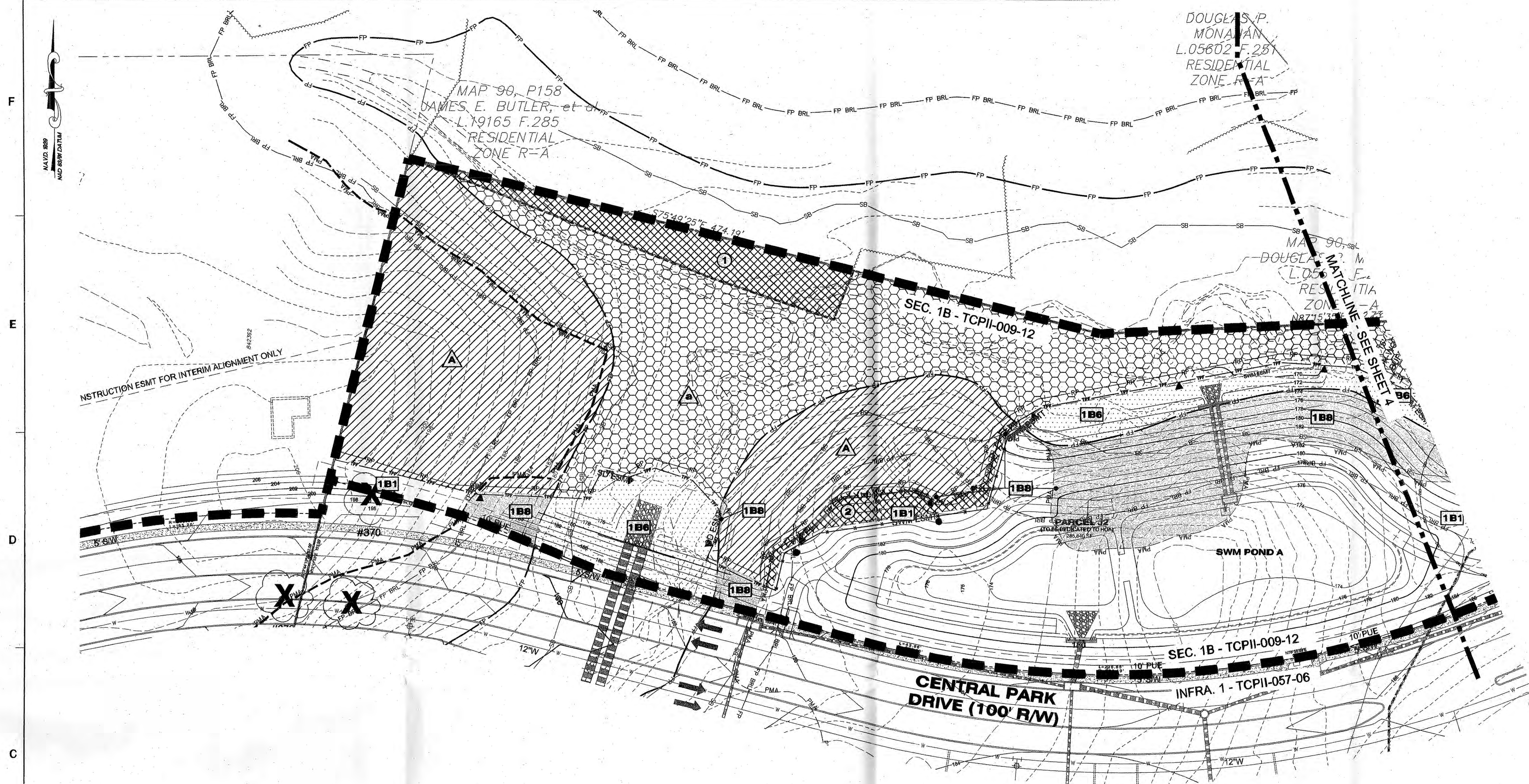
REVISIONS			
DRAWN BY	LRB		
APPROVED BY	DLT		
CHECKED BY	DLT		
DATE	SEPTEMBER 2011		

TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

3

SHEET NO. 3 OF 12



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 SB --- EXISTING STREAM --- EXISTING STREAM BUFFER --- EXISTING TREE LINE 210 --- EXISTING NON-WOODLAND AREA 212 --- PROPOSED MAJOR CONTOUR --- PROPOSED MINOR CONTOUR --- PROPOSED ROAD RIGHT-OF-WAY --- PROPOSED PROPERTY LINE --- PROPOSED LIMIT OF DISTURBANCE LOD --- ■ SPECIMEN TREE SIGN ▲ WOODLAND PRESERVATION SIGN ● AFFORESTATION / REFORESTATION SIGN --- TREE PROTECTION FENCE (TEMPORARY) --- TREE PROTECTION FENCE (PERMANENT) RP --- 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 CREDITED (WR-AC) 1 10 2 10 3 10 4 10 5 10 6 10 7 10 8 10 9 10 10 10 11 10 12 10 13 10 14 10 15 10 16 10 17 10 18 10 19 10 20 10 21 10 22 10 23 10 24 10 25 10 26 10 27 10 28 10 29 10 30 10 31 10 32 10 33 10 34 10 35 10 36 10 37 10 38 10 39 10 40 10 41 10 42 10 43 10 44 10 45 10 46 10 47 10 48 10 49 10 50 10 51 10 52 10 53 10 54 10 55 10 56 10 57 10 58 10 59 10 60 10 61 10 62 10 63 10 64 10 65 10 66 10 67 10 68 10 69 10 70 10 71 10 72 10 73 10 74 10 75 10 76 10 77 10 78 10 79 10 80 10 81 10 82 10 83 10 84 10 85 10 86 10 87 10 88 10 89 10 90 10 91 10 92 10 93 10 94 10 95 10 96 10 97 10 98 10 99 10 100 10	○ SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED ○ SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED AA FOREST CLEARED △ FOREST PRESERVATION ① AFFORESTATION / REFORESTATION
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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 1-800-257-7777
OR LOG ON TO
www.call811.com
http://www.mdsutility.net
48 HOURS IN ADVANCE OF ANY WORK
IN THE VICINITY

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

SHEET 3	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1B1	1.36
WOODLAND CLEARED FLOODPLAIN (C-FP)	1B6	0.63
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1B8 (C-PMA)	0.48
WOODLAND PRESERVATION (WPA)	A	0.98
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	2.47
WOODLAND RE/AFFORESTATION (WRA)	1	0.13
WOODLAND RE/AFFORESTATION (WRA)	2	0.14

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-009-12

Approved by	Date
DLF/mch	11/20/12
01	
02	
03	
04	
05	

M.N.C.P.C. APPROVALS

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

For Signature of Approver use this line (Drawn or Approved)

Approved by

Date

00 7/24/12 ERS 8/13/12

APPROVED PLAN



SHEET 4	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1B1	1.36
WOODLAND CLEARED (C-NTA)	1B2	1.68
WOODLAND CLEARED FLOODPLAIN (C-FP)	1B6	0.63
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	1B8 (C-PMA)	0.48
WOODLAND PRESERVATION (WPA)	A	0.98
WOODLAND PRESERVATION (WPA)	D	0.02
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	2.47
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	B*	0.06
WOODLAND RE/AFFORESTATION (WRA)	2	0.14
WOODLAND RE/AFFORESTATION (WRA)	3	1.06

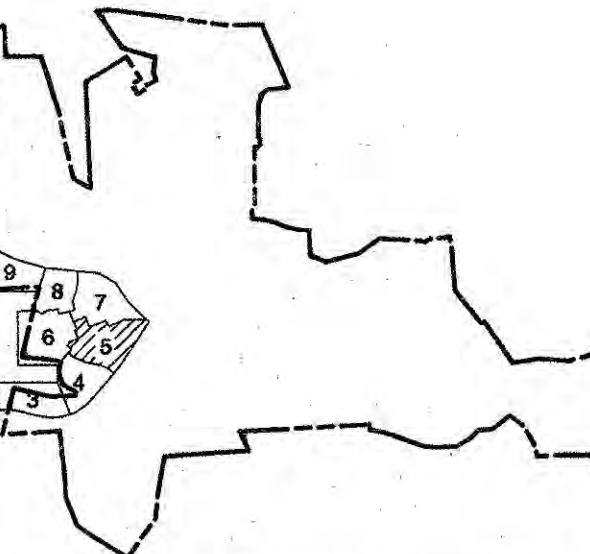
NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
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48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
FORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE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

M-NGPRC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL TREE CONSERVATION PLAN		M.N.C.P.P.C. APPROVALS PROJECT NAME: SMITH HOME FARM PROJECT NUMBER: SDP-1003 For Condition of Approval see the Pin Check Sheet or Approval The Arbutus Label Sheet Apply to this Sheet	
TCPII-009-12			
Approved by: <i>K. Finch</i>	Date: <i>11/20/12</i>	Approval of <i>OD</i>	Approval of <i>11/20/12</i>
		Designer's name: <i>EPS</i>	City: <i>11/13/12</i>
		APPROVED PLAN	

SEAL

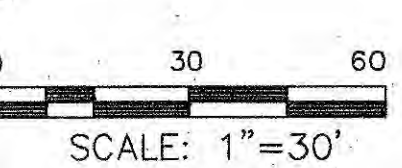


KEY PLAN



THIS TCPII PLAN SHEET CORRESPONDS TO SHEET 16 OF THE SDP AND LANDSCAPE PLANS

SCALE



No.	DATE	BY	Description
3	08/12/2012	EDL	MNCPCC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

REVISIONS

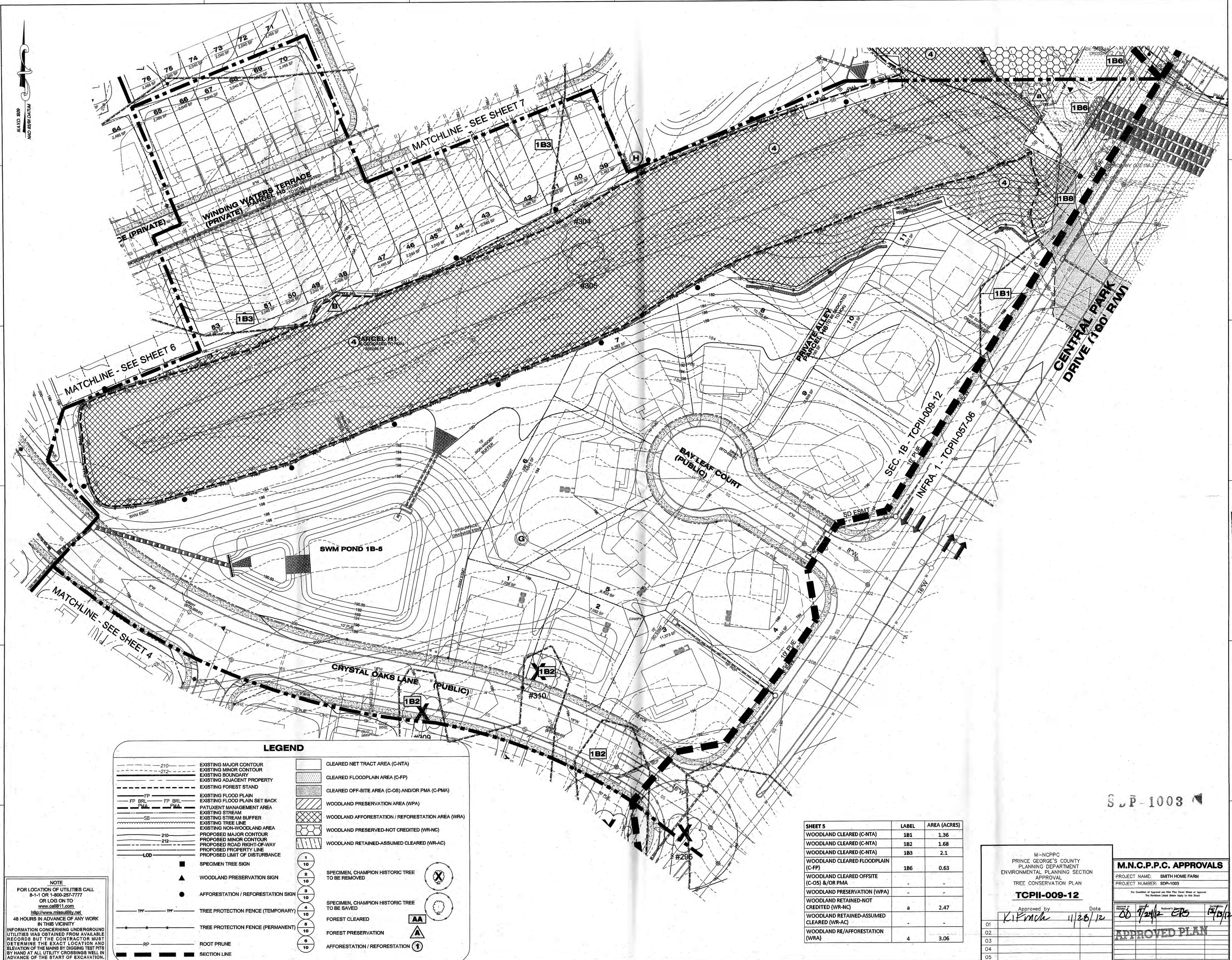
DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

5

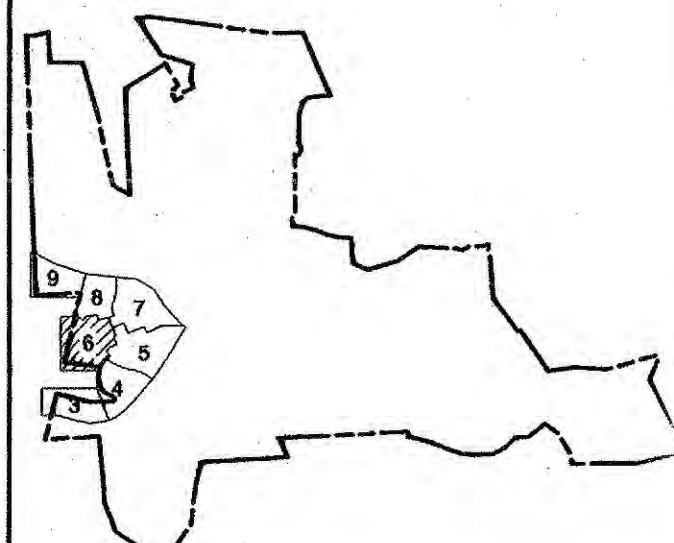
SHEET NO. 5 OF 12



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	PATIENT 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	SPECIMEN TREE SIGN
▲	WOODLAND PRESERVATION SIGN
●	AFFORESTATION / REFORESTATION SIGN
---	TREE PROTECTION FENCE (TEMPORARY)
---	TREE PROTECTION FENCE (PERMANENT)
RP	ROOT PRUNE
---	SECTION LINE
1	CLEARED NET TRACT AREA (C-NTA)
2	CLEARED FLOODPLAIN AREA (C-FP)
3	CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
4	WOODLAND PRESERVATION AREA (WPA)
5	WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
6	WOODLAND PRESERVED-NOT CREDITED (WR-NC)
7	WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
8	SPECIMEN, CHAMPION HISTORIC TREE TO BE REMOVED
9	SPECIMEN, CHAMPION HISTORIC TREE TO BE SAVED
10	FOREST CLEARED
11	FOREST PRESERVATION
12	AFFORESTATION / REFORESTATION

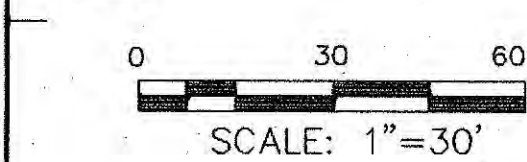
NOTE:
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.811.com
http://www.811.com
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE THE EXACT LOCATION AND
ELEVATION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

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



THIS TCPII PLAN SHEET CORRESPONDS
TO SHEET 17 OF THE SDP AND
LANDSCAPE PLANS

SCALE



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

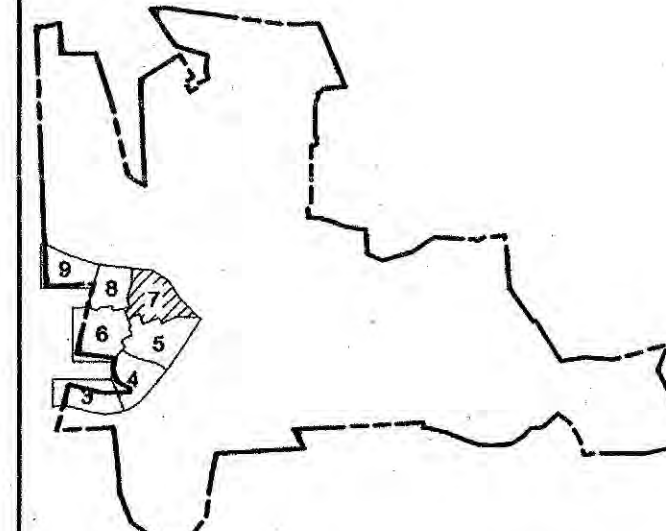
SHEET NO. 6 OF 12



SEAL

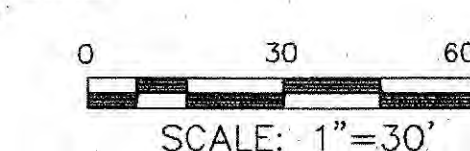


KEY PLAN



THIS TOPIC PLAN SHEET CORRESPONDS TO SHEET 18 OF THE SDP AND LANDSCAPE PLANS

SCALE



No.	DATE	BY	Description
3	09/12/2012	EDL	MNCPPC 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

TITLE
TYPE II TREE CONSERVATION PLAN

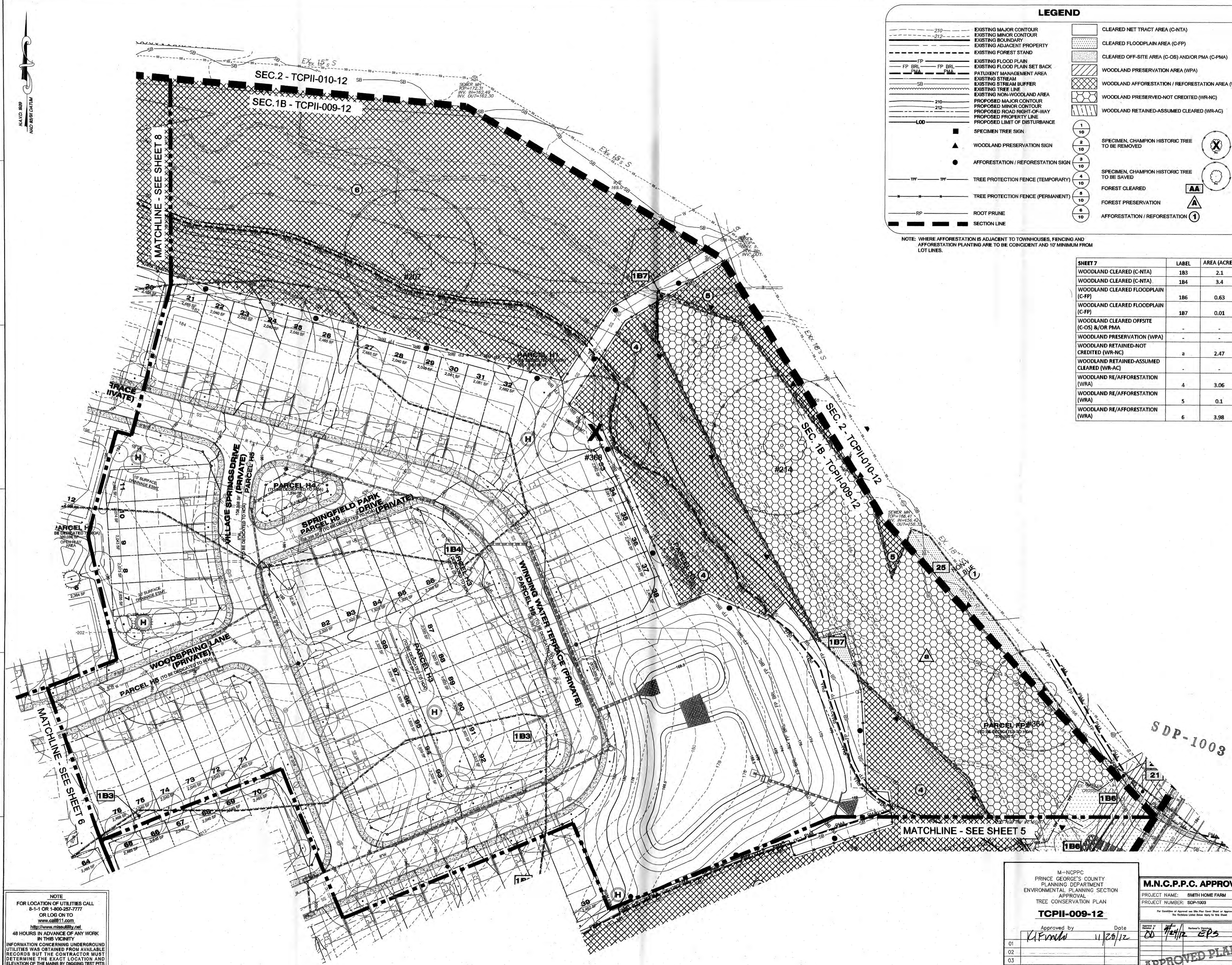
DEWBERRY JOB NO. 50038403

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	PATIENT MANAGEMENT AREA		WOODLAND RETAINED-ASSUMED CREDITED (WR-AC)
SB	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	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
RP	ROOT PRUNE	6	
	SECTION LINE		

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)	183	2.1
WOODLAND CLEARED (C-NTA)	184	3.4
WOODLAND CLEARED FLOODPLAIN (C-FP)	186	0.63
WOODLAND CLEARED FLOODPLAIN (C-FP)	187	0.01
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	-	-
WOODLAND RETAINED-NOT CREDITED (WR-NC)	a	2.47
WOODLAND RETAINED-ASSUMED CREDITED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	4	3.06
WOODLAND RE/AFFORESTATION (WRA)	5	0.1
WOODLAND RE/AFFORESTATION (WRA)	6	3.98



NOTE
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ELEVATION OF THE MAINS BY DIGGING TEST PITS
BY HAND AT ALL UTILITY CROSSINGS WELL IN
ADVANCE OF THE START OF EXCAVATION.

M--NCPCC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL TREE CONSERVATION PLAN TCPII-009-12	
Approved by	Date
<i>[Signature]</i>	11/29/12
01	
02	
03	
04	
05	

M.N.C.P.P.C. APPROVALS	
PROJECT NAME:	SMITH HOME FARM
PROJECT NUMBER:	SDP-1003
For Condition of Approval see the Plan Cover Sheet or Approval The Engineer Shall Retain Copy of this Sheet	
Approved by	Date
<i>[Signature]</i>	11/29/12
01	
02	
03	
04	
05	

APPROVED PLAN



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

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

SHEET #	LABEL	AREA (TOTAL)
WOODLAND CLEARED (C-NTA)	184	3.4
WOODLAND CLEARED FLOODPLAIN (C-FP)	-	-
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	-	-
WOODLAND RETAINED-NOT CREDITED (WR-NC)	-	-
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	6	3.98

1000 DEREKWOOD LANE
SUITE 204
LANHAM, MD 20708
301.781.0281
www.dewberry.com

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

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

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

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

TAX MAP: 80, 81 - GRID: MULTIPLE
ADJUSTED PARCEL 1, PARCELS II, IV, V, VI, VII, VIII & IX
2007 MAP REFERENCE: 205SE08-09, 205SE08-09, 207SE08

SEAL

KEY PLAN

THIS TOPIC PLAN SHEET CORRESPONDS TO SHEET 19 OF THE SDP AND LANDSCAPE PLANS

SCALE
0 30 60
SCALE: 1"=30'

4	12/03/2012	CAP	MNPPC COMMENTS
3	09/12/2012	EDL	MNPPC COMMENTS
2	06/07/2012	ELD	FOR SIGNATURE SET
1	12/22/2011	LRB	SDRC COMMENTS

No. DATE BY Description

REVISIONS

DRAWN BY: LRB

APPROVED BY: DLT

CHECKED BY: DLT

DATE: SEPTEMBER 2011

TITLE: TYPE II TREE CONSERVATION PLAN

DEWBERRY JOB NO. 50038403

M-NCPPC
PRINCE GEORGE'S COUNTY
PLANNING DEPARTMENT
ENVIRONMENTAL PLANNING SECTION
APPROVAL
TREE CONSERVATION PLAN
TCPII-009-12

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

M.N.C.P.P.C. APPROVALS
PROJECT NAME: SMITH HOME FARM
PROJECT NUMBER: SDP-1003
For Conditions of Approval see the Plan Cover Sheet or Approval
See Revision List Below Apply to this Sheet

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

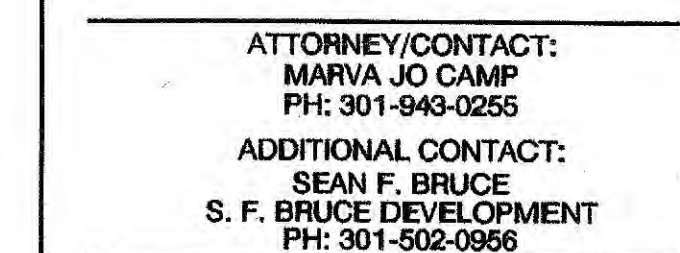
APPROVED PLAN

NOTE:
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.csl811.com
http://www.mde.state.md.net
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ADVANCE OF THE START OF EXCAVATION.

SDP-1003

8

SHEET NO. 8 OF 12



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

TAX MAP: 50, 51 - GRID: MULTIPLE
ADJUSTED PARCEL I, PARCELS III, IV, V, VII, VIII & IX
2007 MAP REFERENCE: 20S0E08-49, 20S0E09-09, 20T5E08

STATE OF MARYLAND
DAVID LEROY TAYLOR
LICENSED LANDSCAPE ARCHITECT
No. 3345
04/12/2011

SCALE

0 30 60

SCALE: 1"=30'

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

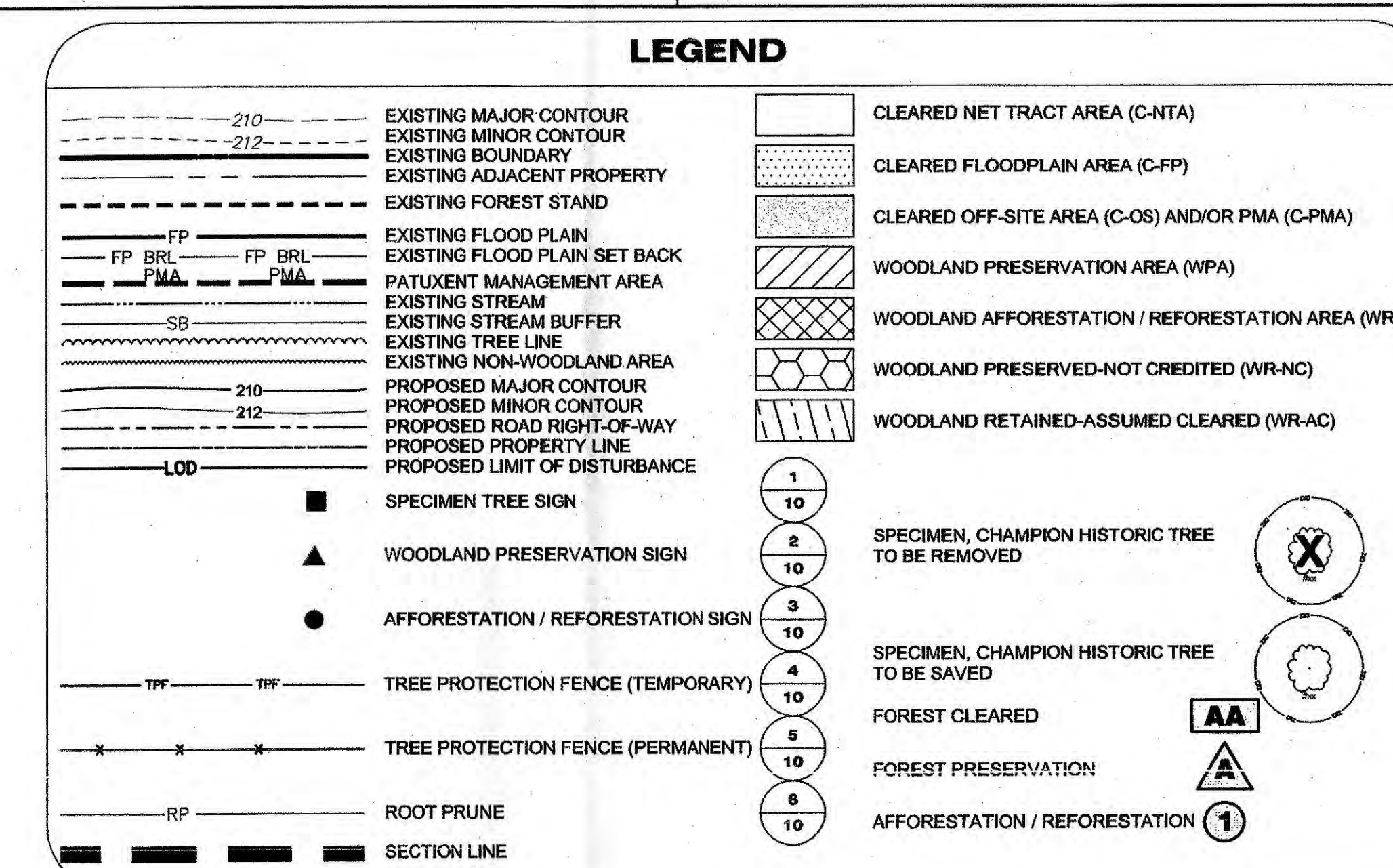
DRAWN BY	LRB
APPROVED BY	DLT
CHECKED BY	DLT
DATE	SEPTEMBER 2011

TITLE
TYPE II TREE
CONSERVATION
PLAN

DEWBERRY JOB NO. 50038403

9

SHEET NO. 9 OF 12



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

SHEET 9	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	1B5	0.11
WOODLAND CLEARED FLOODPLAIN (C-FP)	1B9	0.03
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	C	0.15
WOODLAND RETAINED-NOT CREDITED (WR-NC)	b	0.76
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	A*	0.01
WOODLAND RE/AFFORESTATION (WRA)	6	3.98
WOODLAND RE/AFFORESTATION (WRA)	7	0.85



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INFORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BUT THE CONTRACTOR MUST
DETERMINE THE EXACT LOCATION AND
DEPTH 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-009-12

SDP-1003

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

PROJECT NAME: SMITH HOME FAR

PROJECT NUMBER:	SDP-1003
-----------------	----------

For Condition of Access see Site Plan Cover Sheet.

The Revisions Listed Below Apply to This S

Approved or Disputed	Approved Date	Designer's Signature
-------------------------	------------------	----------------------

(V) 7/24/12 EPS

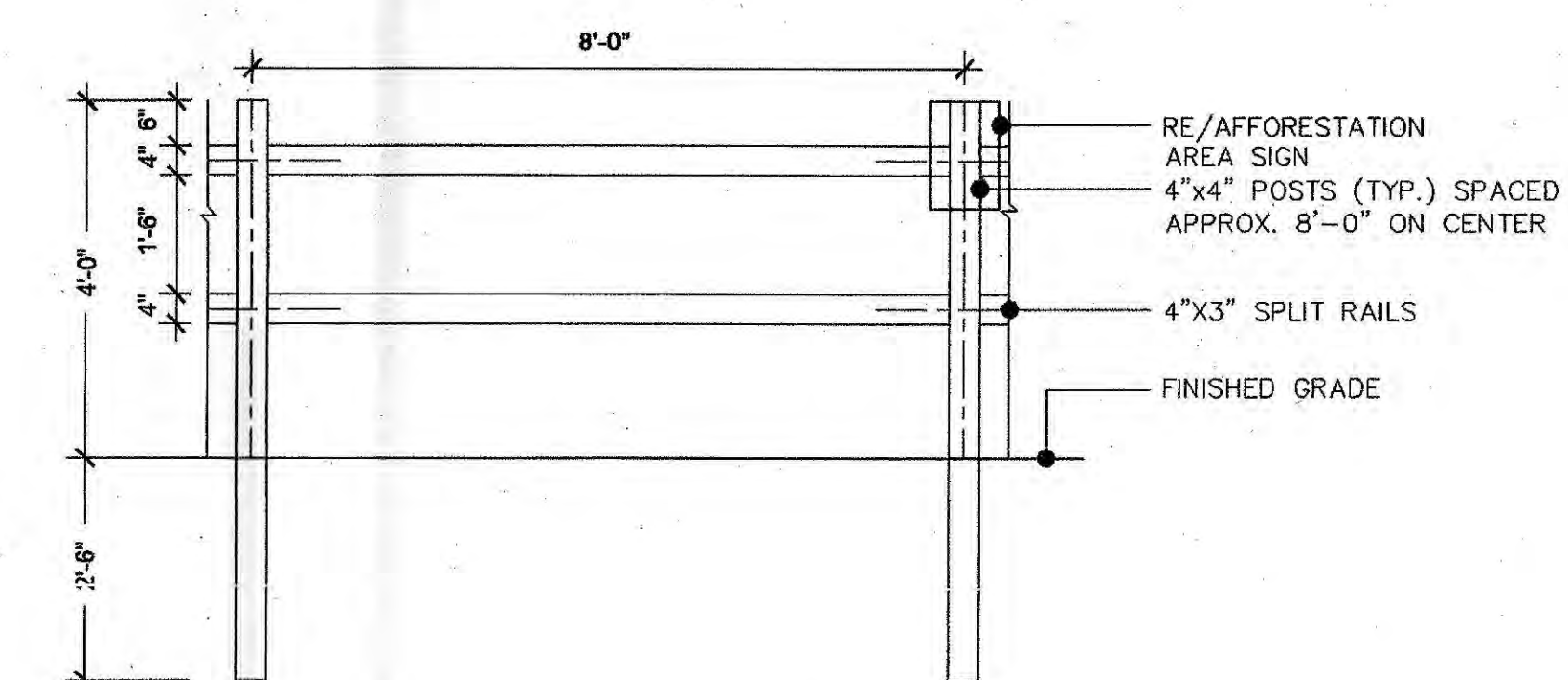
	98	77	10
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APPROVED PL

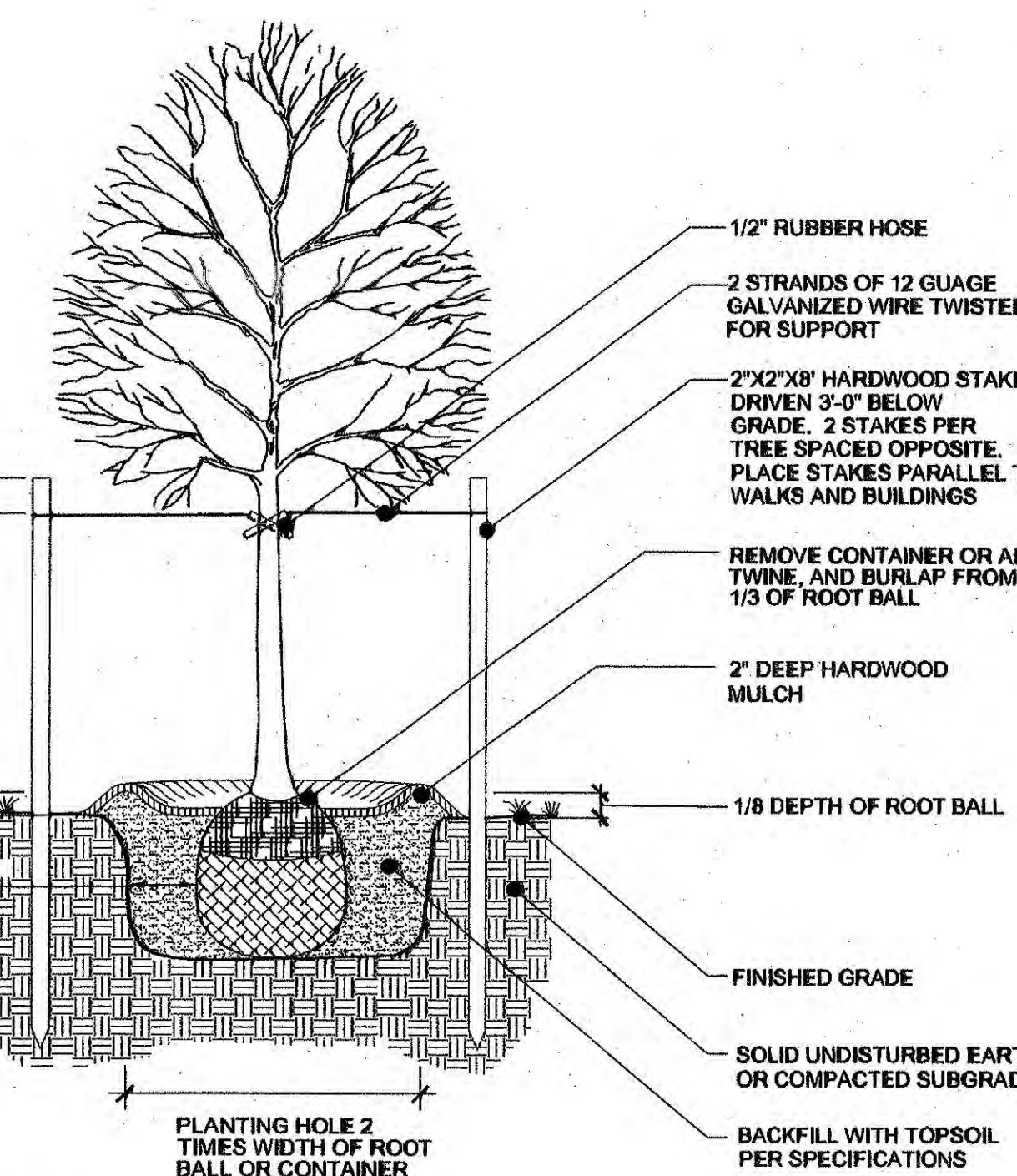
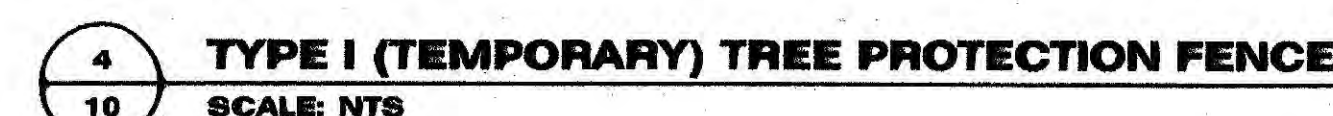
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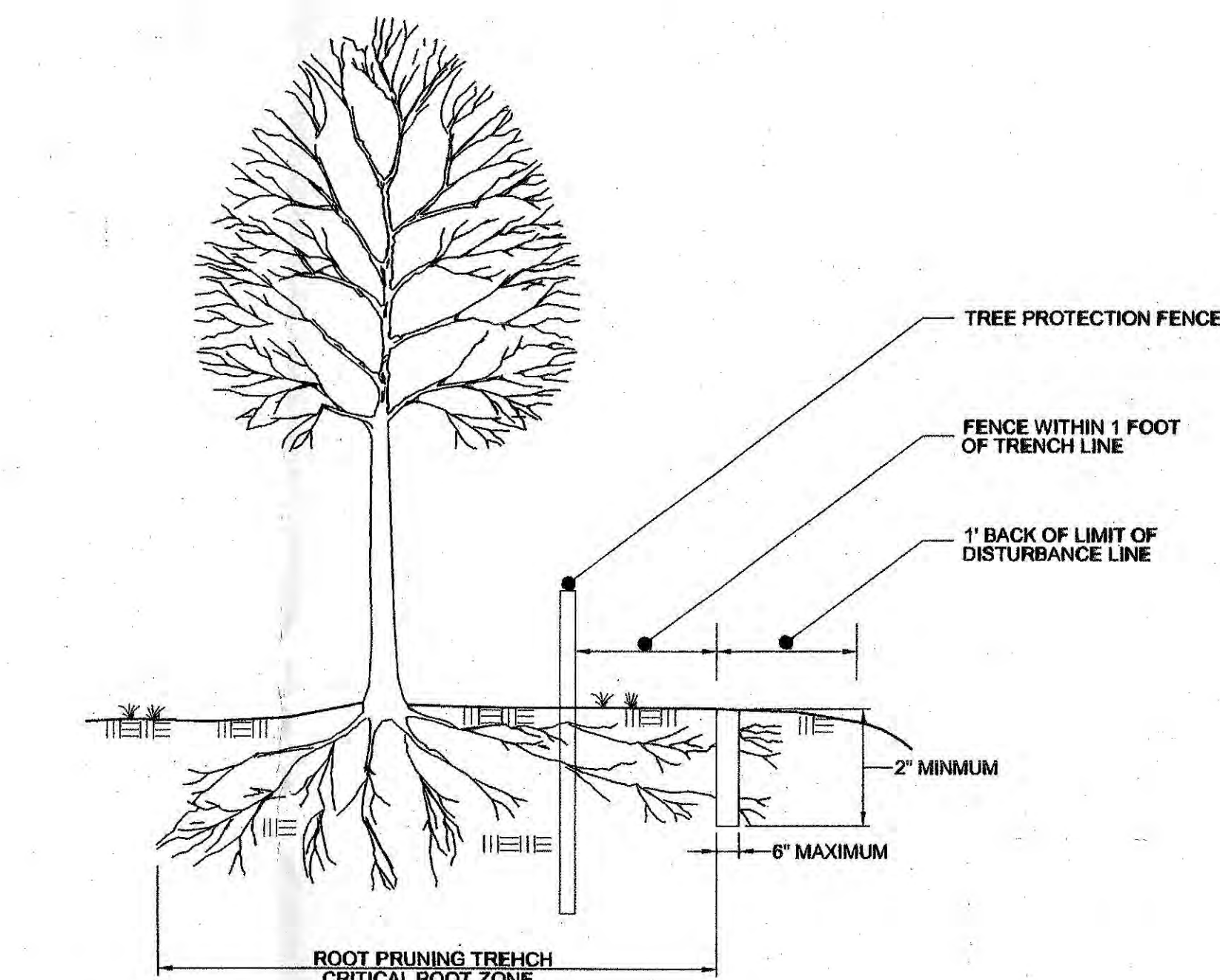
- NOTES:
1. FOREST PROTECTION DEVICE ONLY.
 2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
 4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
 5. DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.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

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



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

DECIDUOUS TREE PLANTING DETAIL



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

ROOT PRUNING
SCALE: NTS

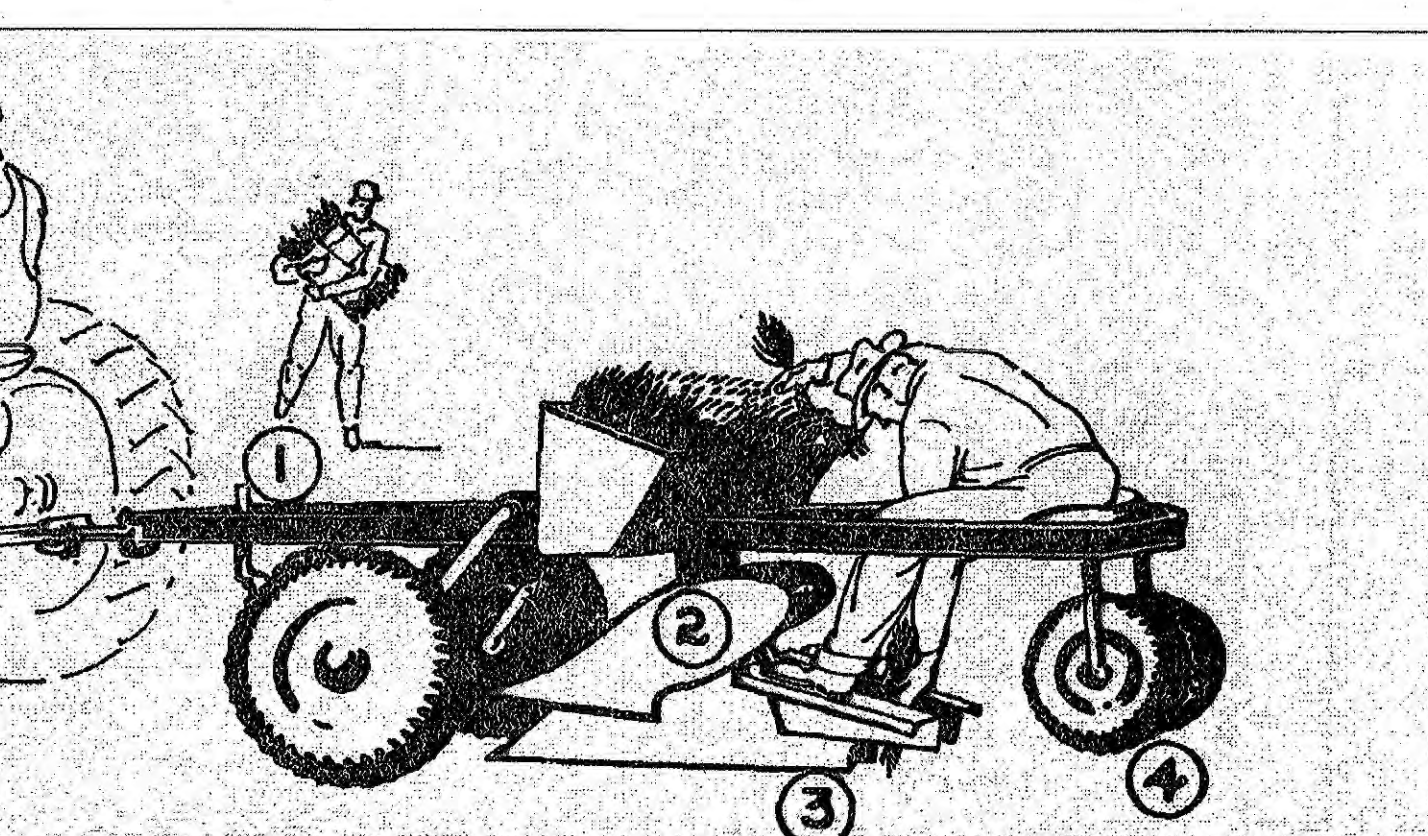
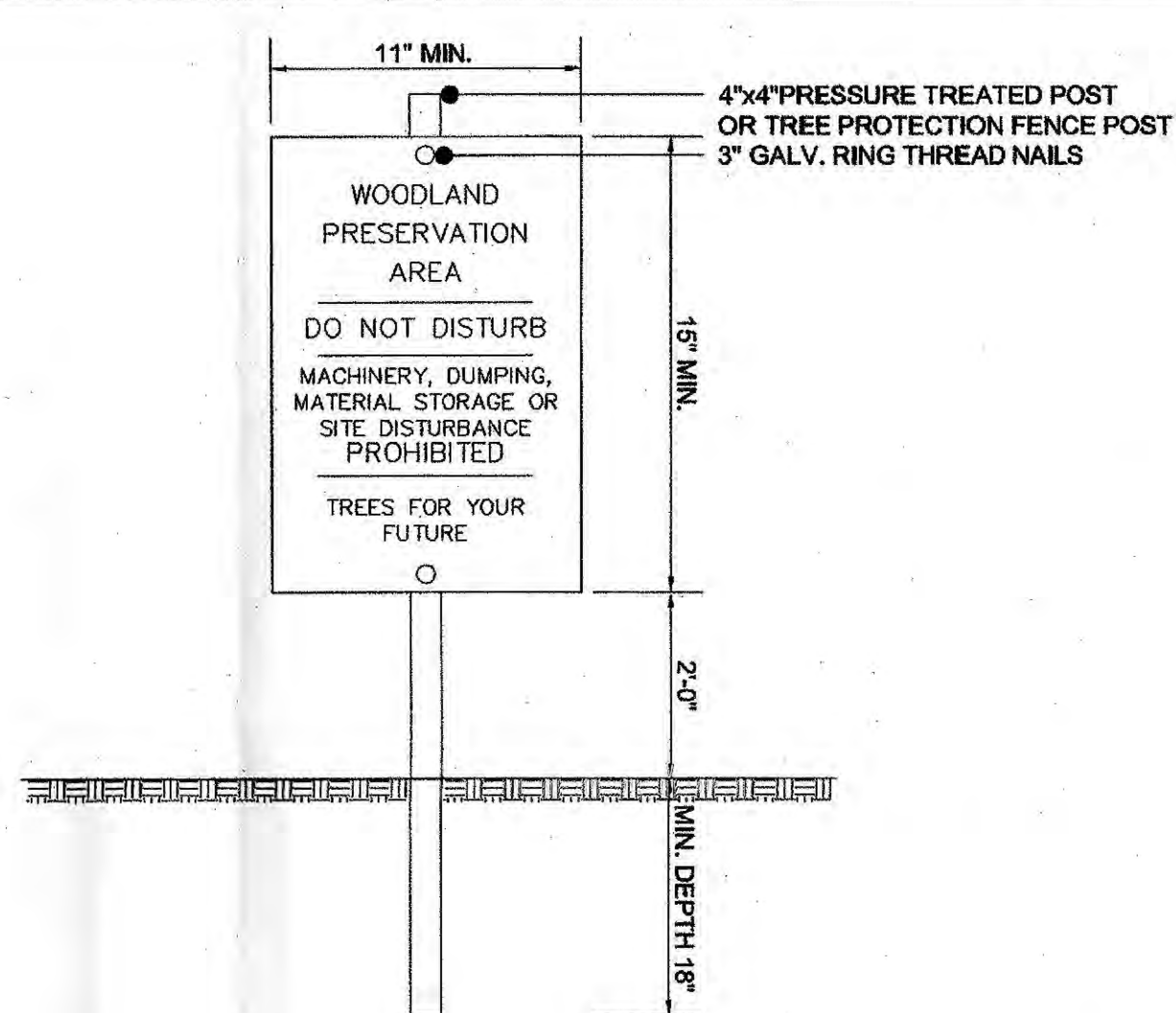


Fig. 4. Typical tree-planting machine.

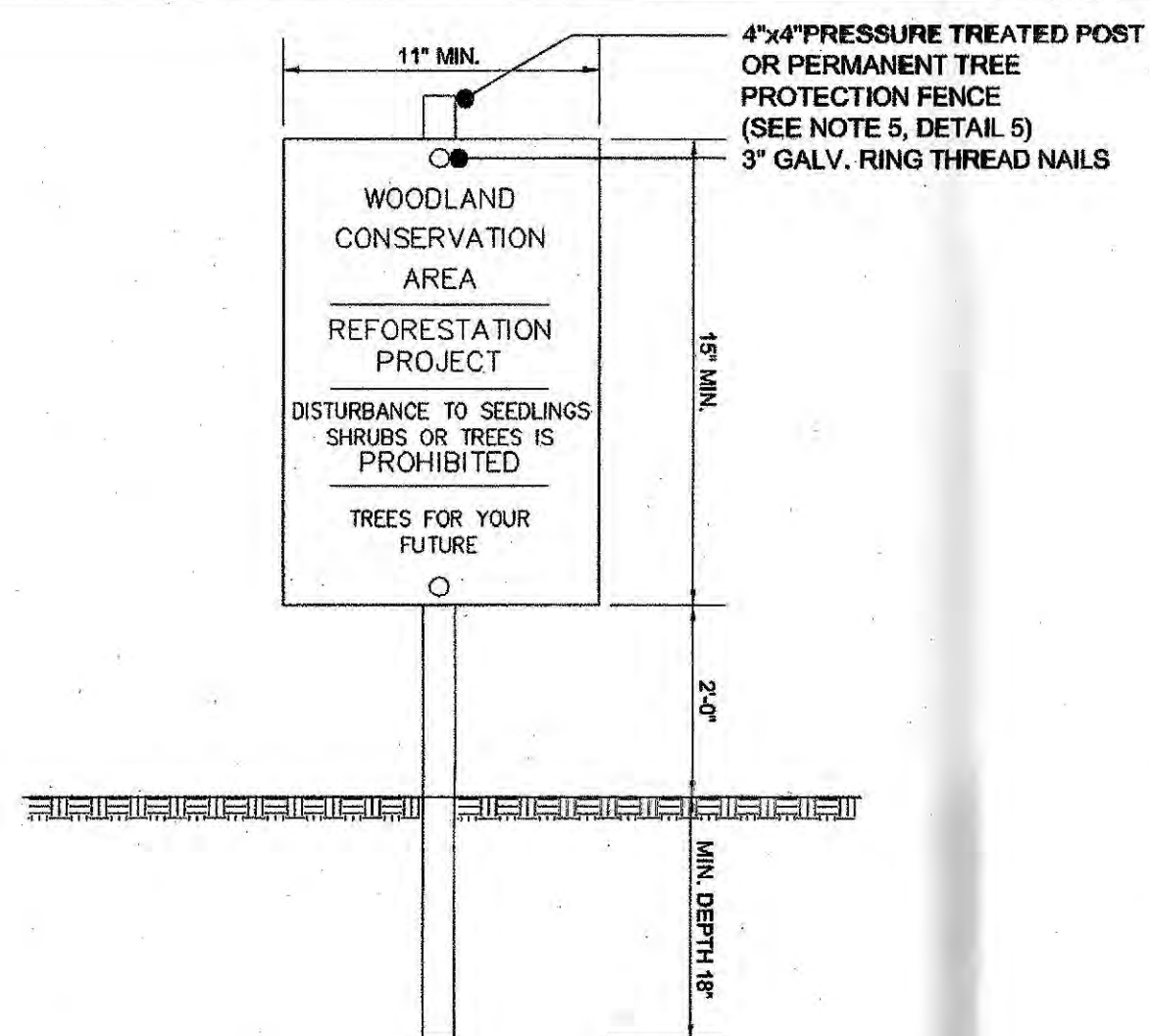
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

8 SEEDLING PLANTING TECHNIQUES (MACHINE)



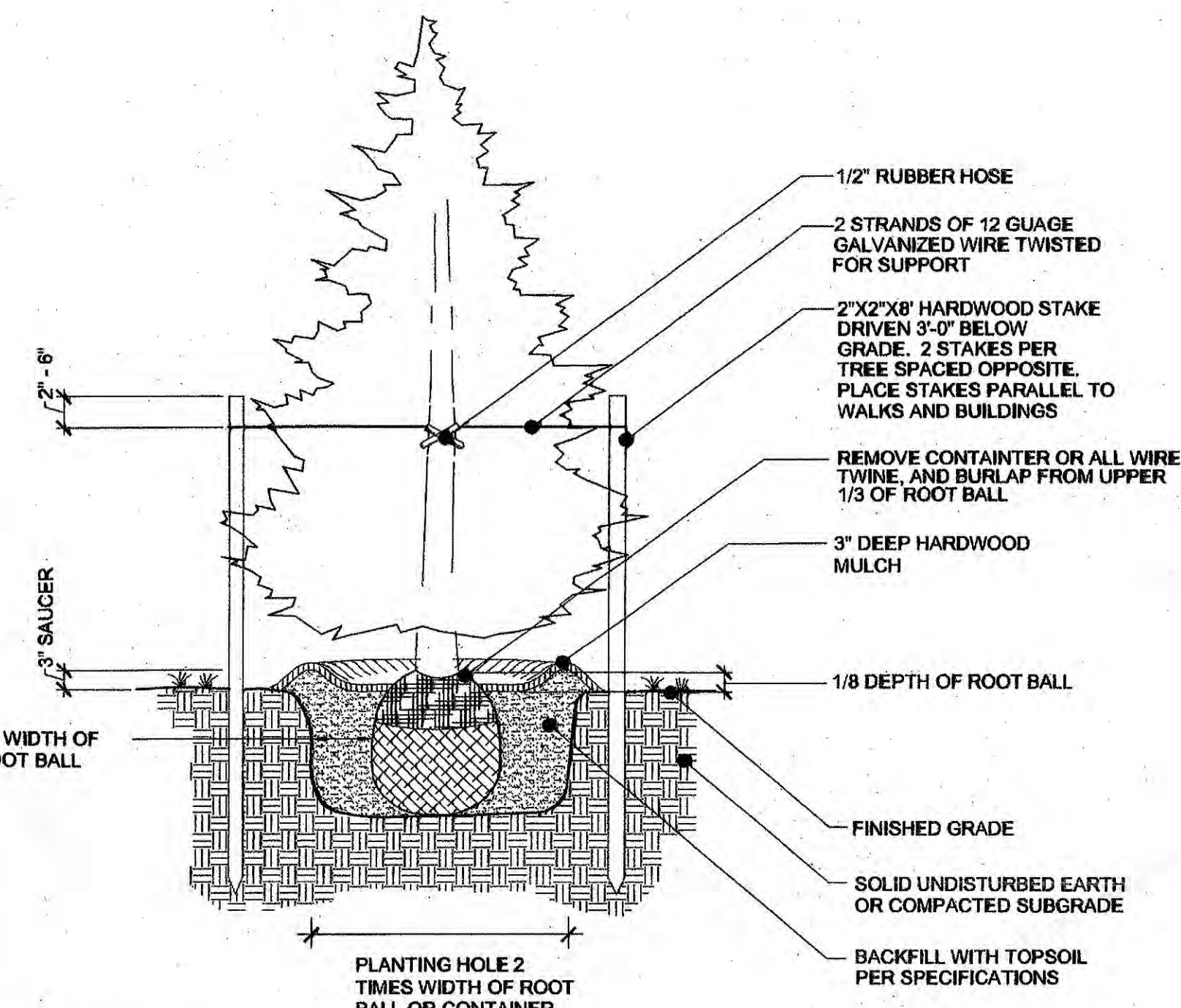
- NOTES:
1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 2. SIGNS SHOULD BE PROPERLY MAINTAINED.
 3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION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

2 WOODLAND PRESERVATION AREA SIGN
10 SCALE: NTS



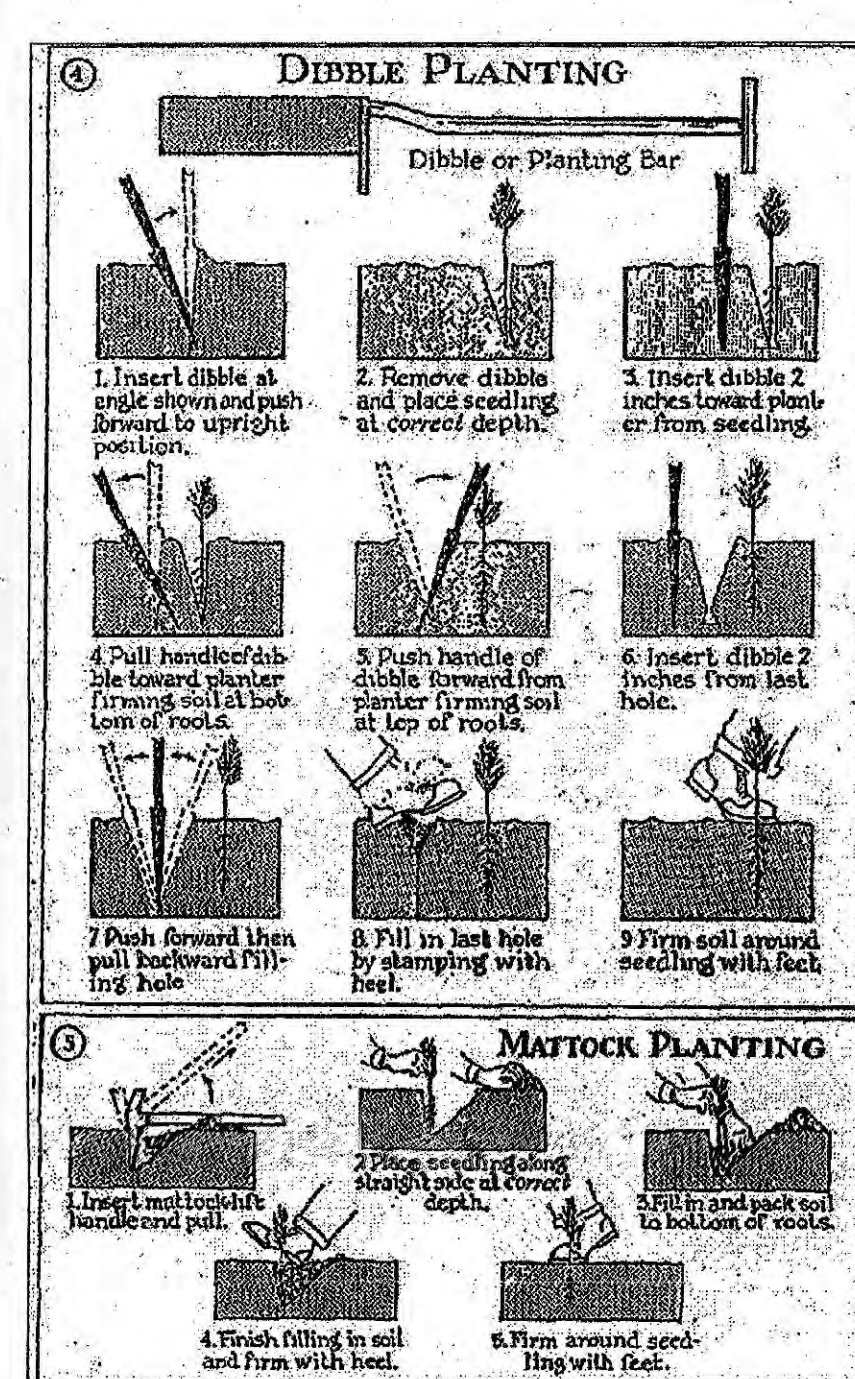
- NOTES:
1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 2. SIGNS SHOULD BE PROPERLY MAINTAINED.
 3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVICE.
 6. LOCATE SIGNS APPROXIMATELY EVERY 60' ALONG FENCING.
 7. SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF L.O.D., AND REMAIN IN PLACE IN PERPETUITY.

3
10 **REFORESTATION AREA SIGN**
SCALE: NTS



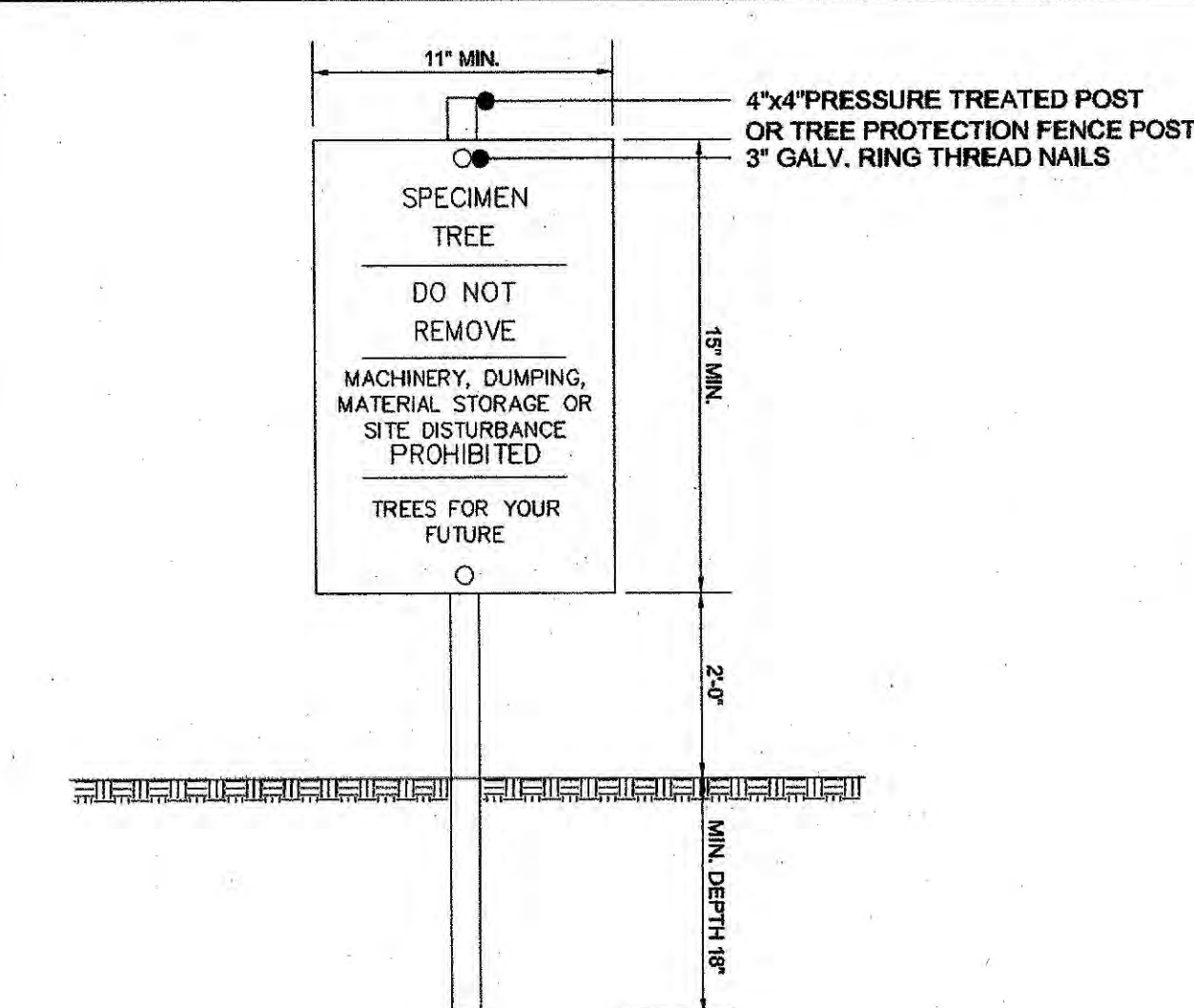
- NOTES:**
1. DETAIL APPLIES TO B&B OR CONTAINER PLANTING.
 2. WHEN PLANTING ON A SLOPE, ENSURE LANDSCAPING IS INSTALLED VERTICAL AND PLUMB.
 3. MULCH SAUCER HEIGHT SHALL BE LEVEL AND UNIFORM AROUND CIRCUMFERENCE OF PLANT BASE

EVERGREEN TREE PLANTING DETAIL
(NOT TO SCALE)



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

7 **SEEDLING PLANTING TECHNIQUES (MANUAL)**
10 **SCALE: NTS**



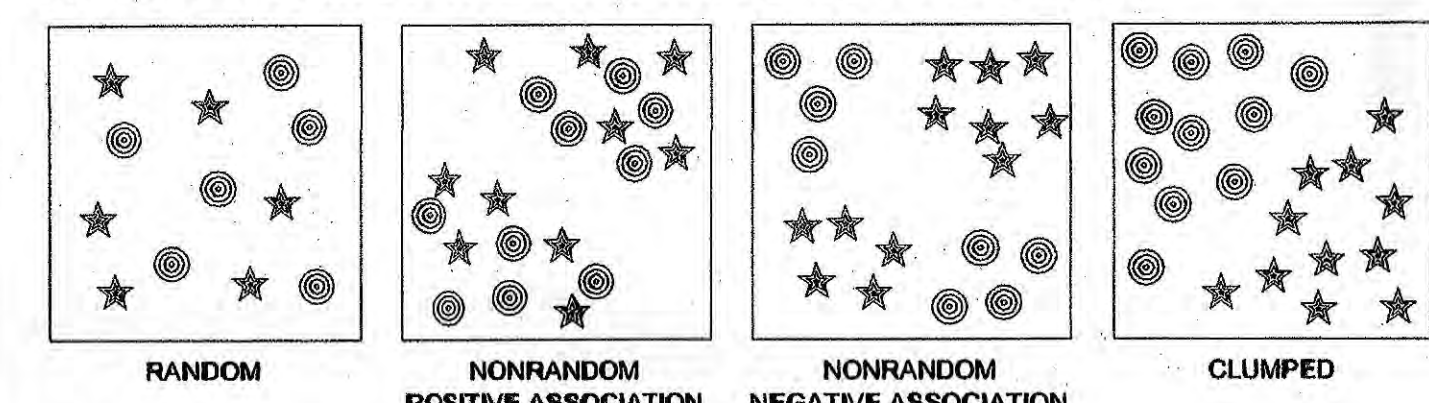
- NOTES:
1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 2. SIGNS SHOULD BE PROPERLY MAINTAINED.
 3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVICE.
 6. LOCATE SIGNS APPROXIMATELY EVERY 50' ALONG FENCING.
 7. SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF L.O.D., AND REMAIN IN PLACE IN PERPETUITY.
 8. 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.

SPECIMEN TREE SIGN
SCALE: NTS

PLANTING DISTRIBUTION PATTERNS

AFFORESTATION & REFORESTATION AREAS

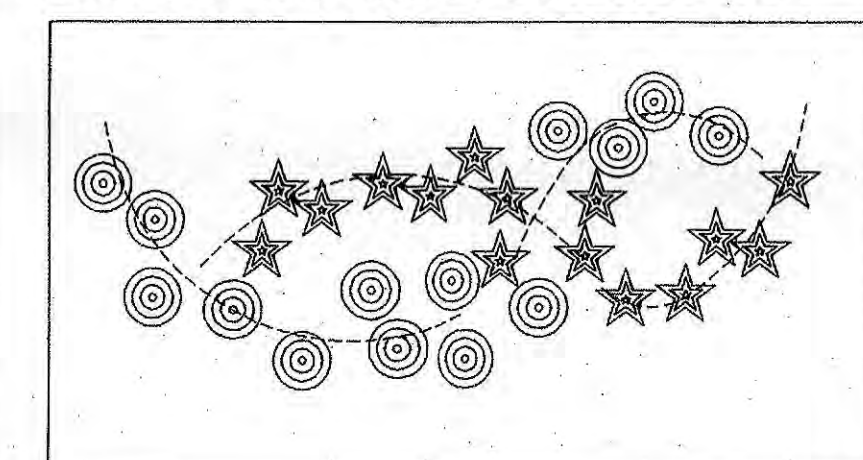
TYPICAL FOREST TREE DISTRIBUTION PATTERNS



- **SPECIES 1** **SPECIES 2**

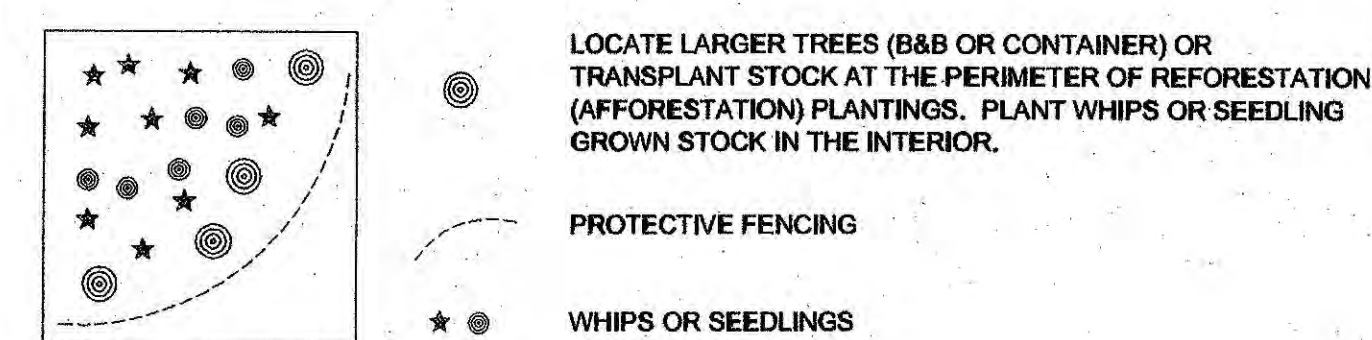
NOTE:
NATURALLY OCCURRING POPULATIONS OF TREES TEND TO BE FOUND
IN INFORMAL GROUPINGS. A CLUSTER OF TREES IS REALLY A MOSAIC
OF DIFFERENT SPECIES GROUPS. THE OBJECTIVE OF AN AFFORESTATION/
REFORESTATION PLAN IS TO SELECT THE APPROPRIATE SPECIES AND
DISTRIBUTION PATTERN FOR A CHOSEN SITE THAT MIMICS NATURAL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

AGGREGATE DISTRIBUTION BRIEF



NOTE:
PLANT CLUSTER TYPE GROUPINGS
THAT TAPER OUT ALONG EDGES.
CLUSTERS OFTEN APPEAR AS
ELONGATED OR TEAR-DROP
SHAPES.

MIXING TRANSPLANT STOCK



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ADVANCE OF THE START OF EXCAVATION.

7 **SEEDLING PLANTING TECHNIQUES (MANUAL)**
10 **SCALE: NTS**

8 SEEDLING PLANTING TECHNIQUES (MACHINE)
10 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	
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
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	
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, twin with 29*	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	5
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*	<i>Nyssa sylvatica</i>	54	Fair	Save	6
184	Beech	<i>Fagus sp.</i>	43	Fair	Save	6
185	Red Maple	<i>Acer rubrum</i>	30	Good	Save	6
186	Silver Maple	<i>Acer saccharinum</i>	34	Poor	Save	6
187	Black Walnut	<i>Juglans nigra</i>	31	Fair	Save	6
188	Silver Maple	<i>Acer saccharinum</i>	48	Poor	Save	park
189	Silver Maple	<i>Acer saccharinum</i>	42	Fair	Save	park
190	Pin oak	<i>Quercus palustris</i>	30	Good	Save	park
191	Red Maple	<i>Acer rubrum</i>	39	Fair	Save	park
192	Red Oak	<i>Quercus rubra</i>	46	Fair, twin	Save	5
193	Red Oak	<i>Quercus rubra</i>	31	Good	Save	5
194	Red Oak	<i>Quercus rubra</i>	38	Good	Save	5
195	Tulip Tree	<i>Liriodendron tulipifera</i>	40	Good	Save	5
196	White Oak	<i>Quercus alba</i>	50	Fair, stream bank	Save	5
197	Red Oak	<i>Quercus alba</i>	32	Fair	Save	5
198	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Good	Save	5
199	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Good	Save	5
200	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Fair	Remove	1A
201	Number not used					
202	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	1b
203	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Good	Save	1b
204	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	1b
205	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Save	1b
206	Southern Red Oak	<i>Quercus falcata</i>	36	Fair	Save	1b
207	Black Walnut	<i>Juglans nigra</i>	38	Fair	Save	1b
208	Tulip Tree	<i>Liriodendron tulipifera</i>	43	Fair	Save	1b
209	Tulip Tree	<i>Liriodendron tulipifera</i>	45	Fair	Save	offsite
210	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Remove	1b
211	Number not used					
212	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	1b
213	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Save	1b
214	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Fair	Save	1b
215	Black Walnut	<i>Juglans nigra</i>	30	Fair	Save	1a
216	Sycamore	<i>Platanus occidentalis</i>	32	Fair	Save	1a
217	Sycamore	<i>Platanus occidentalis</i>	34	Fair	Save	1a
218	Sycamore	<i>Platanus occidentalis</i>	33	Fair	Save	1a
219	Sycamore	<i>Platanus occidentalis</i>	32	Fair	Save	5
220	Red Maple	<i>Acer rubrum</i>	30	Fair	Save	5
221- 225	Numbers not used					
226	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Save	5
227- 230	Numbers not used					
231	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Save	1A
232	Number not used					
233	Tulip Tree	<i>Liriodendron tulipifera</i>	39	Fair	Save	1a
234-235	Numbers not used					
236	Pin Oak	<i>Quercus palustris</i>	34	Fair	Save	5
237	Sweetgum	<i>Liquidambar styraciflua</i>	31	Fair	Save	5
238	Sweetgum	<i>Liquidambar styraciflua</i>	32	Fair, twin	Save	5
239	Sweetgum	<i>Liquidambar styraciflua</i>	30	Fair	Save	5
240	Number not used					
241	Tulip Tree	<i>Liriodendron tulipifera</i>	38	Fair	Save	5
242	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Fair	Save	5
243	Sycamore	<i>Platanus occidentalis</i>	31	Fair	Save	park
244-245	Numbers not used					
246	Sycamore	<i>Platanus occidentalis</i>	41	Fair	Save	park
247	Tulip Tree	<i>Liriodendron tulipifera</i>	48	Fair	Save	park
248	Silver Maple	<i>Acer saccharinum</i>	45	Fair	Save	park
249	Number not used					
250	Black Walnut	<i>Juglans nigra</i>	34	Poor	Save	park
251-253	Numbers not used					
254	Southern Red Oak	<i>Quercus falcata</i>	34	Fair	Save	park
255	Number not used					
256	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Save	5
257	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Save	5
258	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair	Save	5
259-261	Numbers not used					
262	American Beech	<i>Fagus grandifolia</i>	30	Fair	Save	5
263	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Save	5
264	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Fair	Save	5
265	Black Walnut	<i>Juglans nigra</i>	33	Poor	Save	5
266-269	Numbers not used					
270	Tulip Tree	<i>Liriodendron tulipifera</i>	53	Fair	Save	5
271-288	Numbers not used					
289	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Remove	1a
290	Number not used					
291	Virginia Pine	<i>Pinus virginiana</i>	31	Poor	Remove	1a
292	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Remove	1a
293-294	Numbers not used					
295	Silver Maple	<i>Acer saccharinum</i>	33	Fair	Remove	infra 1
296-299	Numbers not used					
300	Silver Maple	<i>Acer saccharinum</i>	37	Fair	Remove	1a
301	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Remove	infra 1a
302	Tulip Tree	<i>Liriodendron tulipifera</i>	43	Fair	Remove	1a
303	Southern Red Oak	<i>Quercus falcata</i>	30	Fair	Remove	1a
304	Silver Maple	<i>Acer saccharinum</i>	36	Fair, 2 of 11 stems	Save	1b
305	Silver Maple	<i>Acer saccharinum</i>	34	Fair, 2 of 11 stems	Save	1b
306	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	1b
307-308	Numbers not used					

REFORESTATION/AFFORESTATION PLANT SCHEDULES

AFFORESTATION / REFORESTATION AREA #1 (SECTION 1B)						Acreage	0.13	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	20	20	19.2%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	20	20	19.2%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	24	24	23.1%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	20	20	19.2%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	20	20	19.2%	
						Reforestation Units Provided		
						104		
						Total Reforestation Units Required		
						104		
						Excess		
						0		
AFFORESTATION / REFORESTATION AREA #2 (SECTION 1B)						Acreage	0.14	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	25	25	22.3%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	20	20	17.9%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	27	27	24.1%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	20	20	17.9%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	20	20	17.9%	
						Reforestation Units Provided		
						112		
						Total Reforestation Units Required		
						112		
						Excess		
						0		
AFFORESTATION / REFORESTATION AREA #3 (SECTION 1B)						Acreage	1.06	Upland & 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	150	150	17.7%	
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	135	135	15.9%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	153	153	18.0%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	140	140	16.5%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	135	135	15.9%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	135	135	15.9%	
						Reforestation Units Provided		
						848		
						Total Reforestation Units Required		
						848		
						Excess		
						0		
AFFORESTATION / REFORESTATION AREA #4 (SECTION 1B)						Acreage	3.08	Upland & Lowland 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	3	15	0.6%	
	Evergreen Tree	6'-8" HT. (2.5' Cal.)	5	B&B	0	0	0.0%	
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0	0.0%	
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	410	410	16.7%	
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	405	405	16.5%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	405	405	16.5%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	413	413	16.8%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	400	400	16.3%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	400	400	16.3%	
						Reforestation Units Provided		
						2,448		
						Total Reforestation Units Required		
						2,448		
						Excess		
						0		
AFFORESTATION / REFORESTATION AREA #5 (SECTION 1B)						Acreage	0.10	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	15	15	18.8%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	20	20	25.0%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	15	15	18.8%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	15	15	18.8%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	15	15	18.8%	
						Reforestation Units Provided		
						80		
						Total Reforestation Units Required		
						80		
						Excess		
						0		
AFFORESTATION / REFORESTATION AREA #6 (SECTION 1B)						Acreage	3.98	Upland & Lowland 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	3	15	0.5%	
	Evergreen Tree	6'-8" HT. (2.5' Cal.)	5	B&B	0	0	0.0%	
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0	0.0%	
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	1	Bare Root	535	535	16.8%	
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	525	525	16.5%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	525	525	16.5%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	534	534	16.8%	
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	1	Bare Root	525	525	16.5%	
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	1	Bare Root	525	525	16.5%	
						Reforestation Units Provided		
						3,184		
						Total Reforestation Units Required		
						3,184		
						Excess		
						0		

AFFORESTATION / REFORESTATION AREA #7 (SECTION 1B)						Acreage	0.58	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	95	95	21.2%	
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	1	Bare Root	85	85	19.0%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	1	Bare Root	85	85	19.0%	
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	1	Bare Root	98	98	21.9%	
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	1	Bare Root	85	85	19.0%	
						Reforestation Units Provided		
						448		
						Total Reforestation Units Required		
						448		
						Excess		
						0		
PLANT SCHEDULE - SECTION 1B								
Botanical Name	Common Name	Size	Type	Quantity	%Stocking			
	Shade Tree	2.5' - 3" Cal.	B&B	6	0.4%			
	Evergreen Tree	6'-8" HT. (2.5' Cal.)	B&B	0	0.0%			
	Ornamental Tree	1.5' - 1.75' Cal.	B&B	0	0.0%			
<i>Acer rubrum</i>	Red Maple	Seedling: 6'-18" HT.	Bare Root	1,250	17.3%			
<i>Cercis canadensis</i>	Eastern Redbud	Seedling: 6'-18" HT.	Bare Root	1,150	15.9%			
<i>Liquidambar styraciflua</i>	Sweetgum	Seedling: 6'-18" HT.	Bare Root	1,210	16.7%			
<i>Pinus taeda</i>	Loblolly Pine	Seedling: 6'-18" HT.	Bare Root	1,269	17.6%			
<i>Platanus occidentalis</i>	American Sycamore	Seedling: 6'-18" HT.	Bare Root	1,115	15.4%			
<i>Quercus phellos</i>	Willow Oak	Seedling: 6'-18" HT.	Bare Root	1,115	15.4%			
<i>Quercus rubra</i>	Red Oak	Seedling: 6'-18" HT.	Bare Root	85	1.2%			
				TOTAL	7,224	100.0%		
Note: The stocking % and (grand) total quantity reflects the planting equivalents for Shade, Evergreen, and Ornamental Trees (5, 5, and 3 respectively) such that the (grand) total in this schedule is equal to the total number of reforestation units provided in this phase. The quantity of each item- Shade, Evergreen, and Ornamental (5, 0, 0 respectively) is the actual quantity per the landscape plan.								

- NOTES:
- "Shade Tree, Evergreen Tree and Ornamental Tree" are B&B trees proposed as part of the Landscape Plan; refer to Landscape Plan for details regarding all B&B plant material.
 - The following (lowland) species may be planted in the floodplain: Red Maple, Sweetgum, Loblolly Pine, American Sycamore, and Willow Oak.
 - 800 reforestation units (or 400 caliper inches) per acre rather than 1,000 units per acre has been used as directed by Pat Vance of MNCPPC Environmental Planning via meeting with Dewberry on 11/22/2011.



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301.751.5501
301.751.0188 (FAX)
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LOS ANGELES, CA 90067

ATTORNEY/CONTACT:
MARVA JO CAMP
PH: 301-963-0265
ADDITIONAL CONTACT:
SEAN F. BRUCE
S. F. BRUCE DEVELOPMENT
PH: 301-562-0856

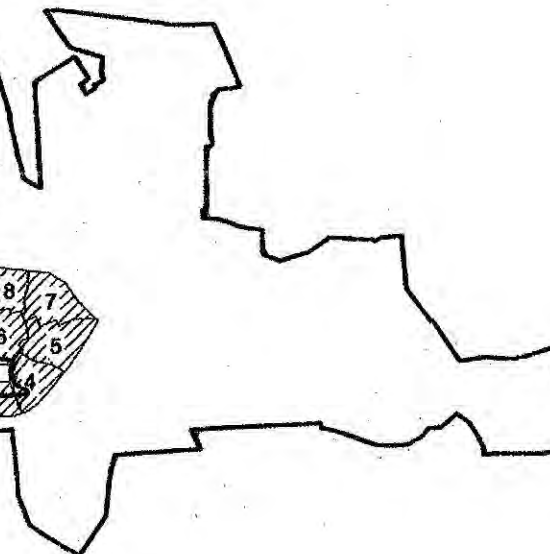
SMITH HOME FARM
PRINCE GEORGES COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 50, 81 - GRID: MULTIPLE
ADJUSTED PARCEL: 1 PARCELS III, V, VI, VII, VIII & IX
200 MAP REFERENCE: 205SE08-09, 205SE09-09, 207SE08

SEAL



9/12/2012

KEY PLAN



SCALE

AS-SHOWN

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

REVISIONS

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

TITLE
TYPE II TREE CONSERVATION PLAN

DETAILS, NOTES, & COMPUTATIONS

DEWBERRY JOB NO. 50038403

12

SHEET NO. 12 OF 12

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.

M-NCPCC PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION APPROVAL TREE CONSERVATION PLAN TCPII-009-12		M.N.C.P.P.C. APPROVALS PROJECT NAME: SMITH HOME FARM PROJECT NUMBER: SDP-1003 For Conditions of Approval see Site Plan Cover Sheet or Approval The Standard Lateral Buffer Apply to this Sheet.	
Approved by: <i>K. F. Smith</i>	Date: 11/20/12	Reviewed by: <i>DO</i>	Date: 9/24/12
APPROVED PLAN		APPROVED PLAN	