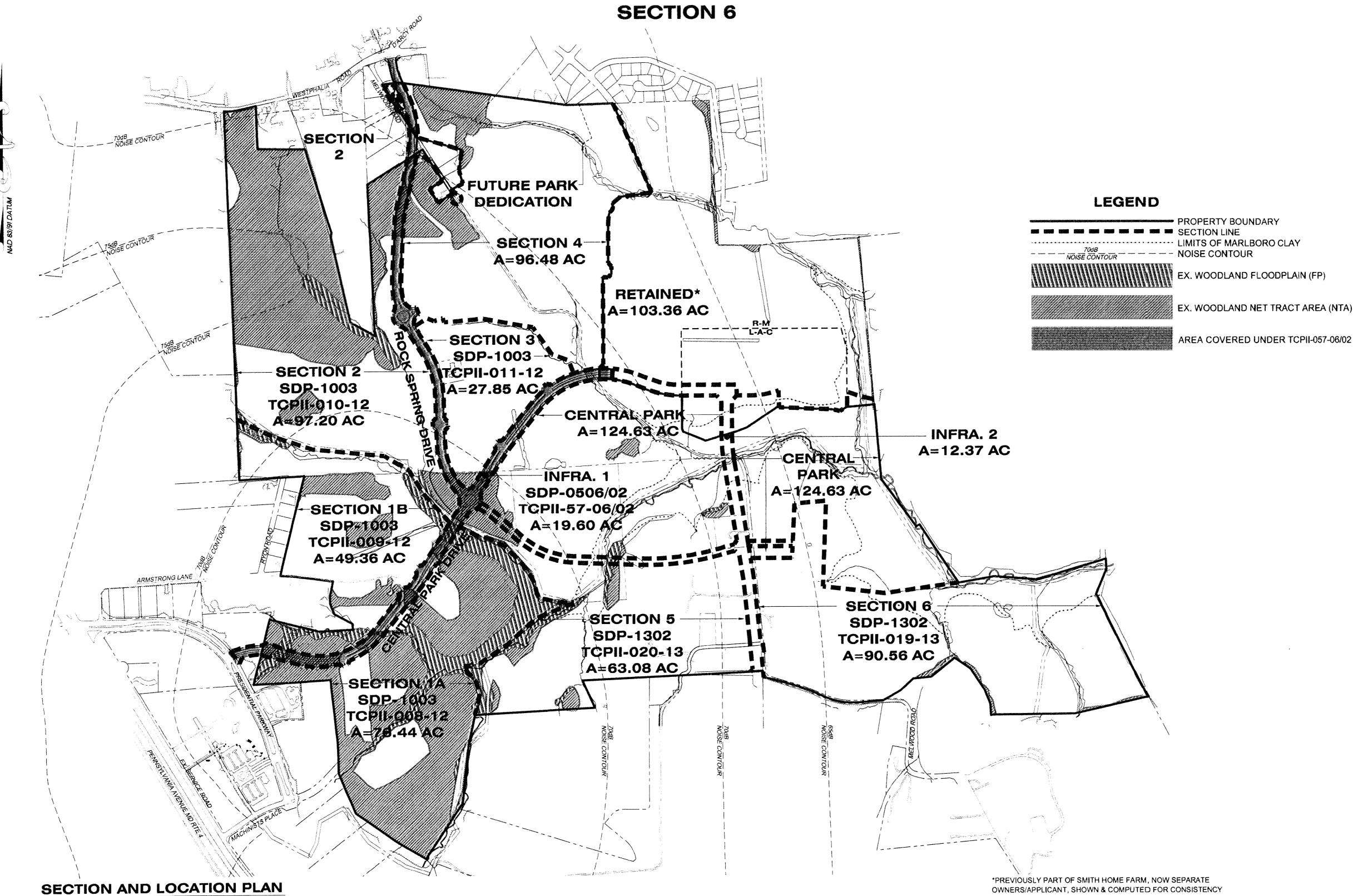
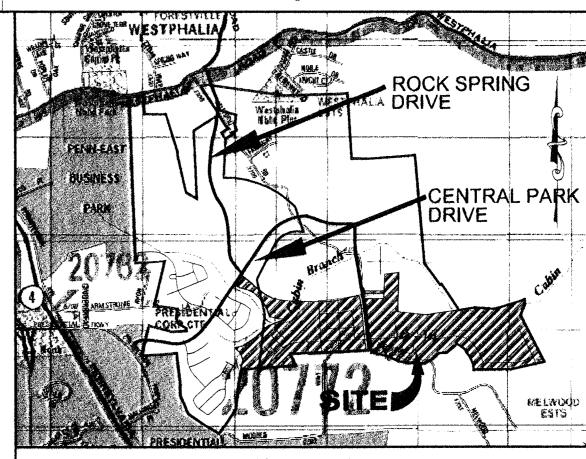
ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

# SMITH HOME FARM TYPE II TREE CONSERVATION PLAN FOR AFFORESTATION





VICINITY MA

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, & COMPUTATION

3-7. TYPE II TREE CONSERVATION PLAN SHEET
8-10. 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-SITI
   AT A RATIO OF 1:1.
- 2. THE SECTION LINES FOR THE INFRASTRUCTURE ONLY SDP & TCPII IS THE ROAD RIGHT OF WAY. ALL WOODLAND CLEARING WITHIN THE ROAD RIGHT OF WAY IS COUNTED AS CLEARING FOR THAT SECTION. WOODLAND CLEARING OUTSIDE THE RIGHT OF WAY IS COUNTED IN ADJACENT SECTIONS. THIS IS REFLECTED ON THE PHASED WORKSHEET, SHEET 2. ALL REQUIRED MITIGATION FOR CLEARING ASSOCIATED WITH THIS PLAN, REGARDLESS OF WHAT SECTION THE CLEARING MAY OCCUR
- 3. RESOURCE DATA TAKEN FROM NRI-006-05 PREPARED BY LOIEDERMAN SOLTESZ ASSOCIATES, INC. AS REVISED 11/14/06 AND NRI-094-06/02 PREPARED BY DEWBERRY AS REVISED 07/25/12.

  3.1. TOPOGRAPHY: VRM (AERIAL PHOTOGRAPHY)
- 3.1. TOPOGRAPHY: VRM (AERIAL PHOTOGRAPHY)
  3.2. WETLANDS: MCCARTHY ASSOCIATES, INC. STUDY DATED 11/2004.
  3.3. FLOODPLAIN: PGDER 200457

3.4. RTE PRESENCE: NONE PER MD DNR LETTER DATED 11/10/04

- 3.5. SPECIMEN TREES: FIELD OBSERVATION, LSA, INC.
  3.6. BOUNDARY: ALTA PREPARED BY DEWBERRY REVISED JUNE 2011.
  4. SOURCE OF NOISE CONTOURS: JOINT BASE ANDREWS NAVAL AIR FACILITY WASHINGTON JOINT LAND USE STUDY DATED DECEMBER 2009
- (AIR INSTALLATION COMPATIBLE USE ZONE STUDY DATED DECEMBER 2007).

  5. WESTPHALIA ROAD IS A DESIGNATED HISTORIC ROAD.

#### STANDARD TYPE II TREE CONSERVATION PLAN NOTES

6. MARLBORO CLAY IS KNOWN TO EXIST ON SITE.

\$9.00 PER SQUARE FOOT MITIGATION FEE.

- THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION

  PROMIDENTAL SOR COD 4002/01
- 3. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION OR THE DEPARTMENT OF ENVIRONMENTAL RESOURCES, AS APPROPRIATE, SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTRUCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL
- MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION
  MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL.

  4. THE DEVELOPER OR BUILDER OF THE LOTS OR PARCELS SHOWN ON THIS
  PLAN SHALL NOTIFY FUTURE BUYERS OF ANY WOODLAND
  CONSERVATION AREAS THROUGH THE PROVISION OF A COPY OF THIS
  PLAN AT TIME OF CONTRACT SIGNING. FUTURE PROPERTY OWNERS ARE
- ALSO SUBJECT TO THIS REQUIREMENT.

  5. THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.
- 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.

  8. THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
- THIS PLAN IS GRANDFATHERED UNDER CB-27-2010, SECTION 25-117(G)
   WOODLANDS PRESERVED, PLANTED OR REGENERATED IN FULFILLMENT OF WOODLAND CONSERVATION REQUIREMENTS ON-SITE HAVE BEEN PLACED IN A WOODLAND AND WILDLIFE HABITAT CONSERVATION EASEMENT RECORDED IN THE PRINCE GEORGE'S COUNTY LAND RECORDS AT LIBER 34943 FOLIO 585. REVISIONS TO THIS TCPII MAY REQUIRE A REVISION TO THE RECORDED EASEMENT.

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

11.13.13

PROJECT NAME: SMITH HOME FARM

Fox Condition of Approval see Site Plan Cover Sheet or Approval

PROJECT NUMBER: SDP-1302

Approval or Approval Revision # Data Revision # Signature

11.8.13 JK

"ADDITIONAL NOTES" AS REQUIRED INCLUDED ON SHEET 2.

M-NCPPC

PRINCE GEORGE'S COUNTY

PLANNING DEPARTMENT

ENVIRONMENTAL PLANNING SECTION

TREE CONSERVATION PLAN

TCPII-019-13

Krimen

## Dewberry

Dewberry
Consultants LLC
Formerly known as
Dewberry & Davis LLC

10003 DEREKWOOD I
SUITE 204
LANHAM, MD 20706
301.731.5551
301.731.0188 (FAX)

DEVLOPER/APPLICANT
SHF PROJECT OWNER, LLC
1999 AVENUE OF THE STARS, SUITE 2850

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

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

LOS ANGELES, CA 90067

MARYLAND

TAX MAP: 90, 91 - GRID: MULTIPLE

ADJUSTED PARCEL I, PARCELS III, IV, V, VI, VIII &



RET.
INFRA. 1
2 3
PARK
SEC. 6

SCALE

AS-SHOWN

THIS PLAN

1000				
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		<del>- </del>		
No.	DATE	BY	Description	-
REVI	SIONS			
DRA	WN BY		RAL	<del>-</del>

TYPE II TREE
CONSERVATION
PLAN
SECTION 6
COVER SHEET

MAY 2013

DEWBERRY JOB NO. 50038403

1

HEET NO. 1 OF 10

#### AFFORESTATION AREA SUMMARY TABLE

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

#### WOODLAND CONSERVATION SUMMARY TABLE

Section	Gross Tract Area	100-Yr Floodplain (FP)	Net Tract Area (NTA)	Ex. Woodland (NTA)	Ex. Woodland (FP)	Woodland Cleared Net-Tract (C-NTA)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Off-Site (C-OS)	Woodland Cleared PMA (C-PMA)	Woodland Preserv. Area (WPA)	Woodland Reforest. Area (WRA)	Woodland Retained/ Not Credited (WR-NC)	Retained/ Assumed Cleared (WR-AC)
6	90.56	13.45	77.11	0.82	0.22	0.10	0.00	0.00	0,00	0.72	24.45*	0.22	0.00

SCALE: 1"=500"

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

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

#### \*\*NOTE:

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

WITH NRI 006-05.

#### **WORKSHEET NOTES:**

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 ITILITIES 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.

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

CHAMPION TREES ARE TO REMAIN:

- 2. THIS PLAN COVERS ONLY THE AFFORESTATION PHYSICALLY LOCATED IN SECTIONS 5 & 6 THAT IS REQUIRED TO SATISFY PERMIT REQUIREMENTS IN SECTIONS 1A & 1B, AS SHOWN IN THE "AFFORESTATION LOCATED IN FUTURE SECTION" ROW OF THE WORKSHEET ABOVE. IT IS ANTICIPATED THAT ADDITIONAL AFFORESTATION WILL BE PROVIDED IN SECTIONS 5 & 6 AT THE TIME OF FORMAL SDP/TCPII REVISION PROCESSING TO INCLUDE DEVELOPMENT. THESE ANTICIPATED AREAS ARE REFLECTED IN THE
- AFFORESTATION/REFORESTATION ROW FOR SECTIONS 5 & 6 IN THE WORKSHEET ABOVE.

#### POST DEVELOPMENT NOTES WHEN WOODLANDS AND/OR SPECIMEN, HISTORIC OR

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

IF A TREE OR PORTIONS THEREOF ARE IN IMMINENT DANGER OF STRIKING A STRUCTURE, PARKING AREA OR OTHER HIGH USE AREA AND MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE THEN THE CERTIFICATION IS NOT REQUIRED AND THE PERMITEE SHALL TAKE CORRECTIVE ACTION IMMEDIATELY. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF

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 DONIE 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 DIAMETIER MAY BE REMOVED FROM THE AREA AND DISPOSED OF APPROPRIATELY. ALL MATERIAL FROM THESE NOXIOUS, INVASIVE, AND NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.

THE USE OF 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 LABLEL INSTRUCTIONS.

THE USE OF CHAINSAWS IS EXTREMELY DANGEROUS AND SHOULD NOT BE CONDUCTED WITH POORLY MAINTAINED EQUIPMENT, WITHOUT SAFETY EQUIPMENT, OR BY

INDIVIDUALS NOT TRAINED IN THE USE OF THIS EQUIPMENT FOR THE PRUNING AND/OR CUTTING OF TREES.

#### INDIVIDUAL WOODLAND CONSERVATION WORKSHEET

Individual TCPII Worksheet for Phased Projects Woodland Conservation Worksheet for Prince George's County R-M 90.56 Gross Tract: Floodplain: 13.45 Previously Dedicated Land: 0.00 Net Tract (NTA): 77.11 Property Description or Subdivision Name: TCPII-019-13 Smith Home Farm Section 6 SHF Project Owner, LLC 1999 Avenue of the Stars Los Angeles, CA 90067 Address: 310,824,2200 Phone: TCPI Number: TCPI/38/05 Floodplain Off-site Net Tract Woodland Conservation Calculations: (acres) (acres) (acres) Acreage of Existing Woodland 0.82 0.22 Woodland Conservation Required for this Phase 25.17 Area of Woodland Cleared per TCP 98.47 4.90 9,27 0.00 Area of Woodland Cleared per TCPII 0.10 Area of Woodland above WCT that was not cleared by Additional Woodland Cleared by TCPII 0.00 0.00 0.00 Does the TCPI show 2:1 replacement n no Additional 1/4:1Replacement required = Clearing above WCT Clearing below WCT 0.00 Additional 2:1Replacement required = Total Woodland Conservation Required for this Section 25.17 (acres) Woodland Conservation Provided: 0.72 Woodland Preservation 24.45 Afforestation / Reforesation Natural Regeneration Area approved for fee-in-lieu in a Priority Funding Area Area approved for fee-in-lieu in a non-Priority Funding Credits Received for Off-site Mitigation on another 0.00 0.00 Off-site Mitigation provided on this property 25.17 Total Woodland Conservation Provided Area of net tract woodland not cleared 0.72 acres Woodland retained not part of requirements: 0.00 acres Torben Agesen 10003 Derekwood Lane, Ste. 204 Lanham, MD 20706 301.364.1864 Licensed Landscape Architect

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

#### PLANTING SPECIFICATION NOTES

- 1. QUANTITY: (SEE PLANT SCHEDULE)
- 2. 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". THE ROOTS SHALL BE WELL DEVELOPED AND AT LEAST 8" LONG, NO MORE THAN TWENTY-FIVE PERCENT (25%) OF THE ROOT SYSTEM (BOTH PRIMARY AND AUXILIARY/FIBROUS ROOTS SHALL BE PRESENT.

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

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

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

- 4. PLANT HANDLING: THE QUANTITY OF SEEDLINGS TAKEN TO THE FIELD SHALL NOT EXCEED THE QUANTITY THAT CAN BE PLANTED IN A DAY. SEEDLINGS, ONCE REMOVED FROM THE NURSERY OR TEMPORARY STORAGE AREA SHALL BE
- PLANTED IMMEDIATELY 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
- 7. SPACING: SEE PLANT SCHEDULE AND/OR PLANTING PLAN FOR SPACING REQUIREMENTS. ALSO REFER TO THE PLANTING
- 8. SOIL: UPON THE COMPLETION OF ALL GRADING OPERATIONS, A SOIL TEST SHALL BE CONDUCTED TO DETERMINE WHAT SOIL PREPARATION AND SOIL AMENDMENTS, IF ANY, ARE NECESSARY TO CREATE GOOD TREE GROWING CONDITIONS. SOIL SAMPLES SHALL BE TAKEN AT A RATE THAT PROVIDES ONE SOIL SAMPLE FOR EACH AREA THAT APPEARS TO HAVE A DIFFERENT SOIL TYPE (IF THE ENTIRE AREA APPEARS UNIFORM, THEN ONLY ONE SAMPLE IS NECESSARY), AND SUBMITTED FOR TESTING TO A PRIVATE COMPANY. THE COMPANY OF CHOICE SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE EXISTING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRECTIONS OF SOIL TEXTURE, pH,
- MAGNESIUM, PHOSPHORUS, POTASSIUM, CALCIUM AND ORGANIC MATTER. 9. SOIL IMPROVEMENT MEASURES: THE SOIL SHALL THEN BE IMPROVED ACCORDING TO THE RECOMMENDATIONS MADE BY
- 10. FENCING AND SIGNAGE: FINAL PROTECTIVE FENCING SHALL BE PLACED ON THE VISIBLE AND/OR DEVELOPMENT SIDE OF PLANTING AREAS. THE FINAL PROTECTIVE FENCE SHALL BE INSTALLED UPON COMPLETION OF PLANTING OPERATIONS UNLESS IT WAS INSTALLED DURING THE INITIAL STAGES OF DEVELOPMENT. SIGNS SHALL BE POSTED PER THE SIGNAGE DETAIL ON THIS SHEET
- 11. PLANTING METHOD: CONSULT THE PLANTING DETAIL(S) SHOWN ON THIS PLAN. 12. MULCHING: APPLY TWO-INCH THICK LAYER OF WOODCHIP OR SHREDDED HARDWOOD MUCH (AS NOTED) TO EACH

LAYOUT DETAIL FOR A DESCRIPTION OF THE GENERAL PLANTING THEORY.

- PLANTING SITE (SEE DETAIL SHOWN ON THIS PLAN). 13. GROUNDCOVER ESTABLISHMENT: THE REMAINING DISTURBED AREA BETWEEN SEEDLING PLANTING SITES SHALL BE
- SEEDED AND STABILIZED WITH WHITE CLOVER SEED AT THE RATE OF 5 LBS/ACRE. 14. MOWING: NO MOWING SHALL BE ALLOWED IN ANY PLANTING AREA.
- 15. SURVIVAL CHECK FOR BOND RELEASE: THE SEEDLING PLANTING IS TO BE CHECKED AT THE END OF EACH YEAR FOR FOUR YEARS TO ASSURE THAT NO LESS THAN 75% OF THE ORIGINAL PLANTED QUANTITY SURVIVES, IF THE MINIMUM NUMBER HAS NOT BEEN PROVIDED THE AREA MUST BE SUPPLEMENTED WITH ADDITIONAL SEEDLINGS TO REACH THE
- REQUIRED NUMBER AT TIME OF PLANTING. 16. SOURCE OF SEEDLINGS: TO BE DETERMINED BY APPLICANT.

#### **OFF-SITE WOODLAND CONSERVATION NOTE:**

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

#### TREE PRESERVATION AND RETENTION NOTES

- 1. ALL WOODLANDS DESIGNATED ON THIS PLAN FOR PRESERVATION ARE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE WOODLAND AREAS SHALL REMAIN IN A NATURAL STATE. THIS INCLUDES THE CANOPY TREES AND UNDERSTORY VEGETATION. A REVISED TREE CONSERVATION PLAN IS REQUIRED PRIOR TO CLEARING WOODLAND AREAS THAT ARE NOT SPECIFICALLY IDENTIFIED TO BE CLEARED ON THE APPROVED TCP2.
- TREE AND WOODLAND CONSERVATION METHODS SUCH AS ROOT PRUNING SHALL BE CONDUCTED AS NOTED ON THIS PLAN. THE LOCATION OF ALL TEMPORARY TREE PROTECTION FENCING (TPFs) SHOWN ON THIS PLAN SHALL BE FLAGGED OR STAKED IN THE FIELD PRIOR TO THE PRE-CONSTRUCTION MEETING. UPON APPROVAL OF THE LOCATIONS BY THE COUNTY INSPECTOR,
- INSTALLATION OF THE TPFs MAY BEGIN. 4. ALL TEMPORARY TREE PROTECTION FENCING REQUIRED BY THIS PLAN SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF
- CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE BOND IS RELEASED FOR THE PROJECT. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE DEVICES IS A VIOLATION OF THIS TCP2
- WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TPF INSTALLATION. THESE SIGNS MUST REMAIN IN PERPETUITY.

#### REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS

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

IF CORRECTIVE PRUNING MAY ALLEVIATE A HAZARDOUS CONDITION, THE CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MAY PROCEED WITHOUT 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 TCP2. THE

- 10. 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
- 11. TREE PROTECTION FENCING (TPFs) IS NOT REQUIRED FOR ALL OR PORTIONS OF THIS PLAN BECAUSE AN UNDISTURBED 100-FOOT BUFFER OF OPEN LAND/OR A 50-FOOT FORESTED BUFFER IS BEING MAINTAINED BETWEEN THE LIMIT OF DISTURBANCE (LOD) AND THE WOODLAND PRESERVATION AREAS. IF THE LOD CHANGES AND THE CHANGE IMPACTS THESE BUFFERS, THE COUNTY INSPECTOR SHALL BE CONTACTED TO EVALUATE THE CHANGE TO DETERMINE IF A REVISION TO THE TREE CONSERVATION PLAN IS
- NECESSARY OR IF INSTALLATION OF TPFs WILL BE REQUIRED 12. 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 OUTOF THE PRESERVATION AREAS. CAUTION MUST BE USED NOT TO DAMAGE REMAINING VEGETATION.

#### AFFORESTATION AND REFORESTATION NOTES

WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT

- 1. 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.
- 2. THE PLANTING OF AFFORESTATION OR REFORESTATION AREAS SHALL BE COMPLETED IN SEQUENCE WITH DEVELOPMENT. SEEDLING PLANTING IS TO OCCUR FROM NOVEMBER THROUGH MAY ONLY AS LONG AS THE GROUND IS NOT FROZEN. PLANTING WITH LARGER CALIPER STOCK OR CONTAINERIZED STOCK MAY BE DONE AT ANY TIME PROVIDED A DETAILED MAINTENANCE
- 3. 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
- 4. REFORESTATION AREAS SHALL NOT BE MOWED. THE MANAGEMENT OF COMPETING VEGETATION AROUND INDIVIDUAL TREES AND THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION WITHIN THE REFORESTATION AREAS IS ACCEPTABLE.
- 5. 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 TCP2.
- 6. 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. 8. AT TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORMATION SHALL BE SUBMITTED TO THE M-NCPPC 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-NCPPC, PLANNING DEPARTMENT.
- 9. 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 \$9,00 PER SQUARE FOOT PENALTY UNLESS THE COUNTY INSPECTOR APPROVES A WRITTEN EXTENSION.

#### PROTECTION OF REFORESTATION AND AFFORESTATION AREAS BY INDIVIDUAL HOMEOWNERS

### 1. REFORESTATION FENCING AND SIGNAGE SHALL REMAIN IN PLACE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE

- 2. REFORESTATION AREAS SHALL NOT BE MOWED; HOWEVER, THE MANAGEMENT OF COMPETING VEGETATION AND REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION AROUND INDIVIDUAL TREES IS ACCEPTABLE.

#### FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS

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

SITE PREPARATION AND TREE PLANTING SURVIVAL CHECK ONCE 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.)

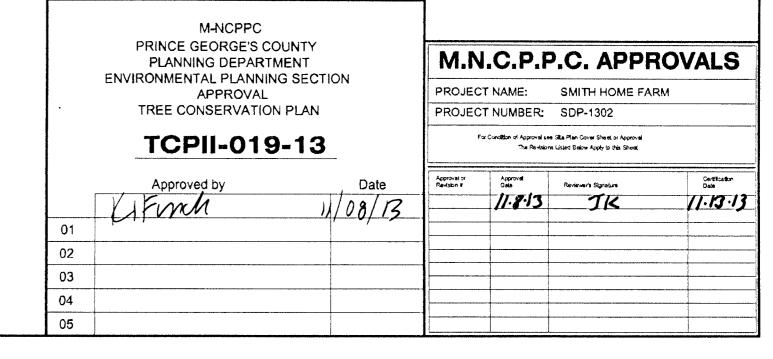
REINFORCEMENT PLANTING IS NEEDED (SEE NOTE 2) SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER-NOVEMBER) CONTROL OF UNDESIRABLE VEGETATION IF NEEDED (1 X IN MAY AND 1 X IN AUGUST MIN.)

REINFORCEMENT PLANTING IF NEEDED. (SEE NOTE 2) YEAR 4: SURVIVAL CHECK (SEPTEMBER-NOVEMBER)

- 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
- 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.

#### **VIRGINIA PINES W/IN 40' LOD NOTE:**

- A. 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 TCP2 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-NCPPC 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.



10003 DEREKWOOD LANE Dewberry Consultants LLC Formerly known as Dewberry & Davis LLC

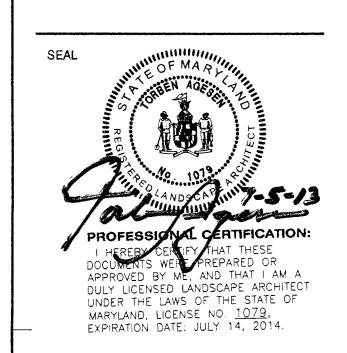
SUITE 204 LANHAM, MD 20706 301.731.5551 301.731,0188 (FAX) www.dewberry.com

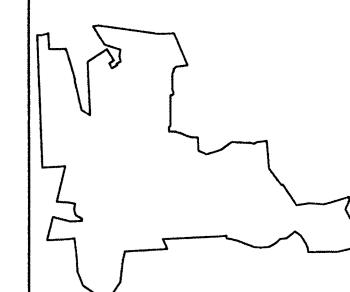
DEVLOPER/APPLICANT SHF PROJECT OWNER, LLC 1999 AVENUE OF THE STARS, SUITE 2850 LOS ANGELES, CA 90067

> ATTORNEY/CONTACT: MARVA JO CAMP PH: 301-943-0255 ADDITIONAL CONTACT SEAN F. BRUCE S. F. BRUCE DEVELOPMENT PH: 301-502-0956

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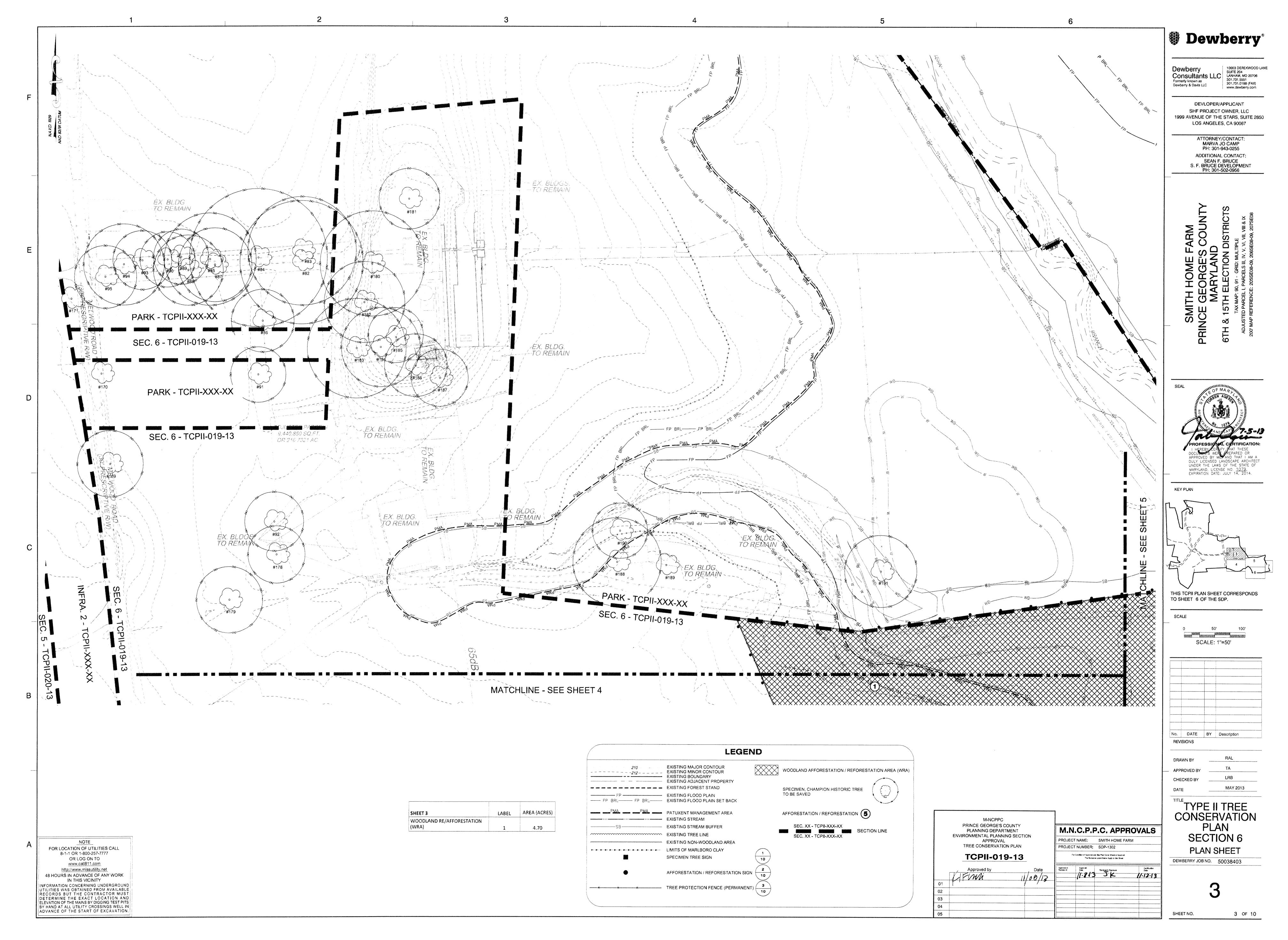
TYPE II TREE **CONSERVATION** 

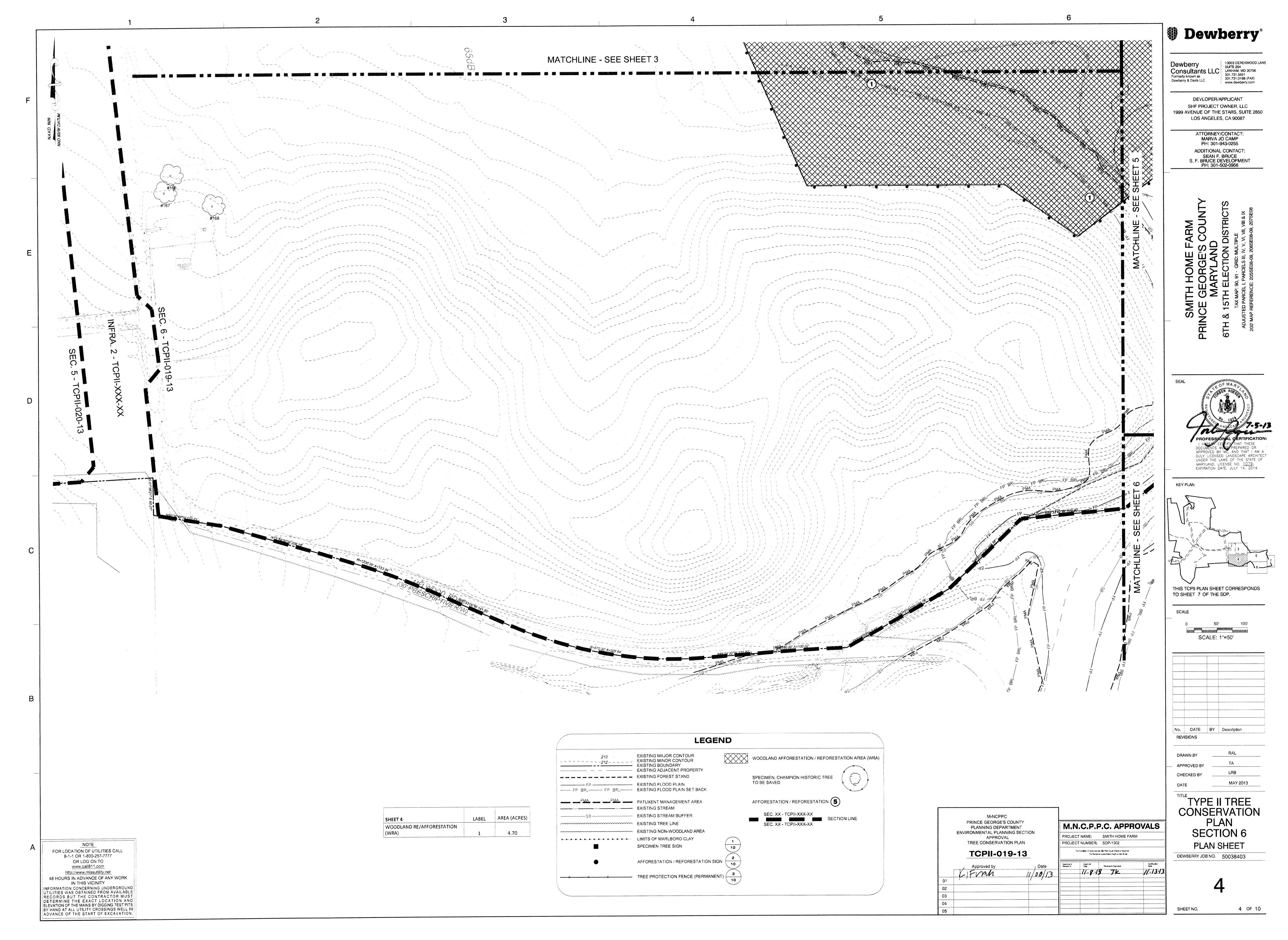
MAY 2013

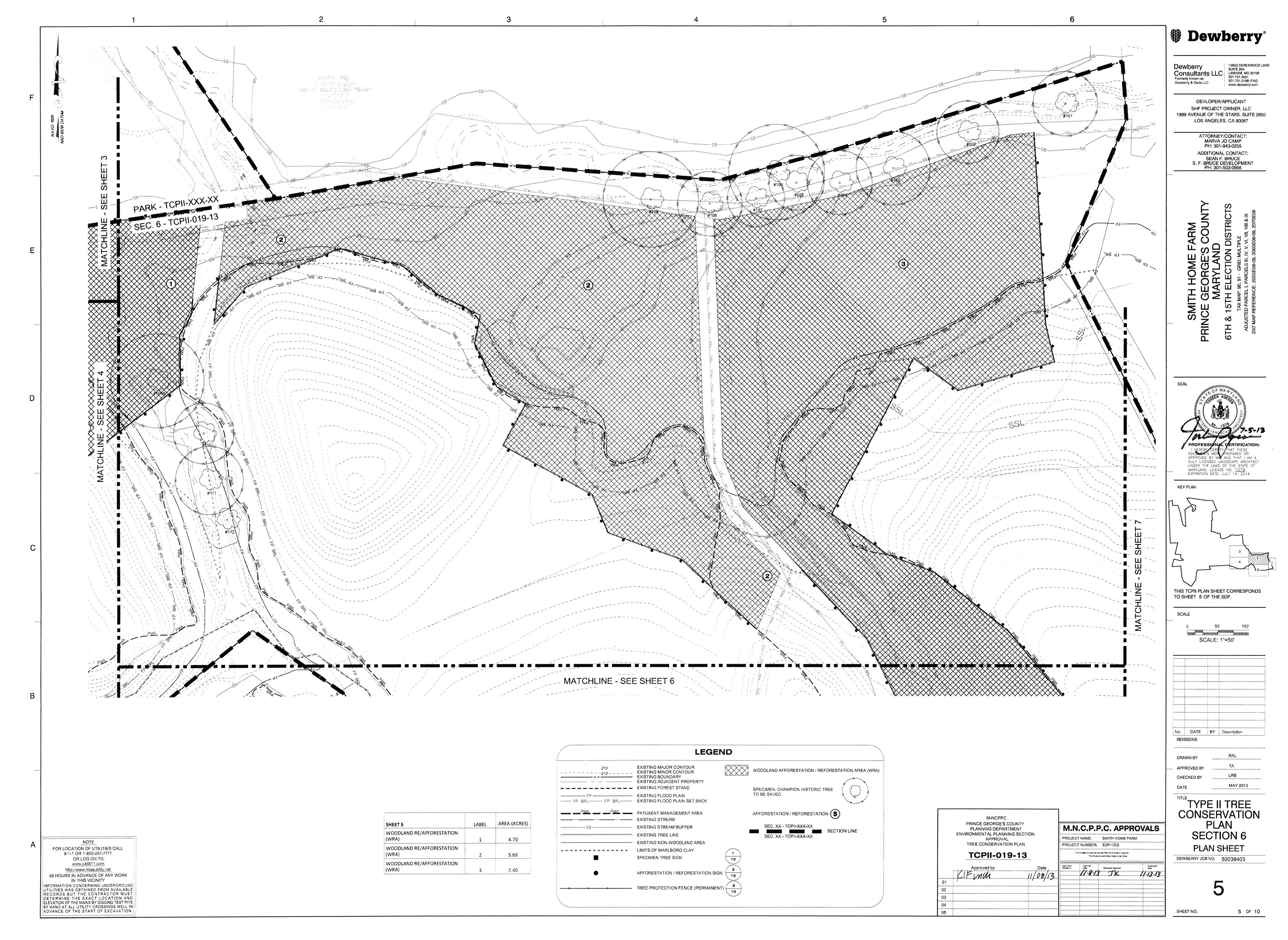
& COMPUTATIONS DEWBERRY JOB NO. 50038403

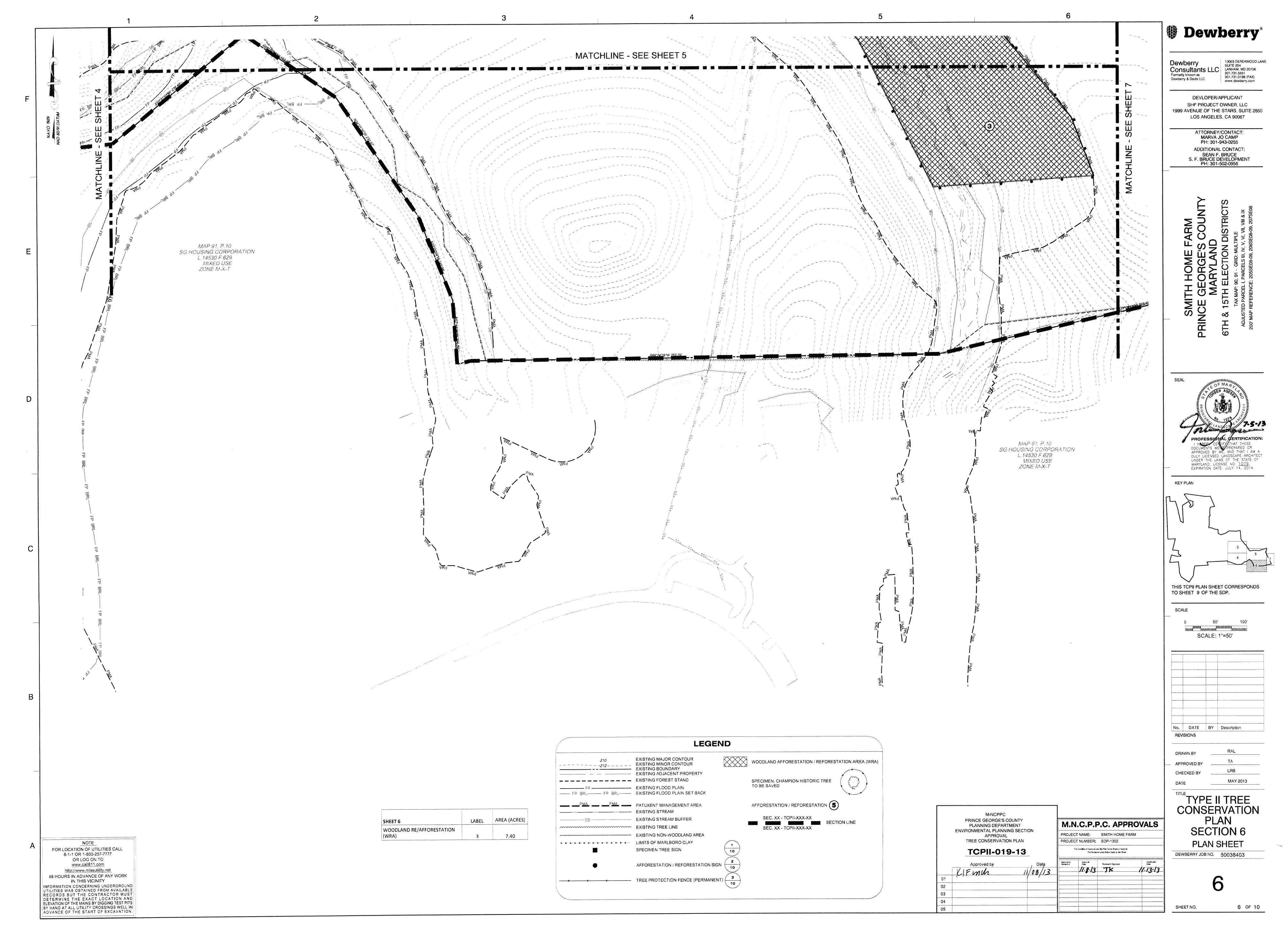
DETAILS, NOTES.

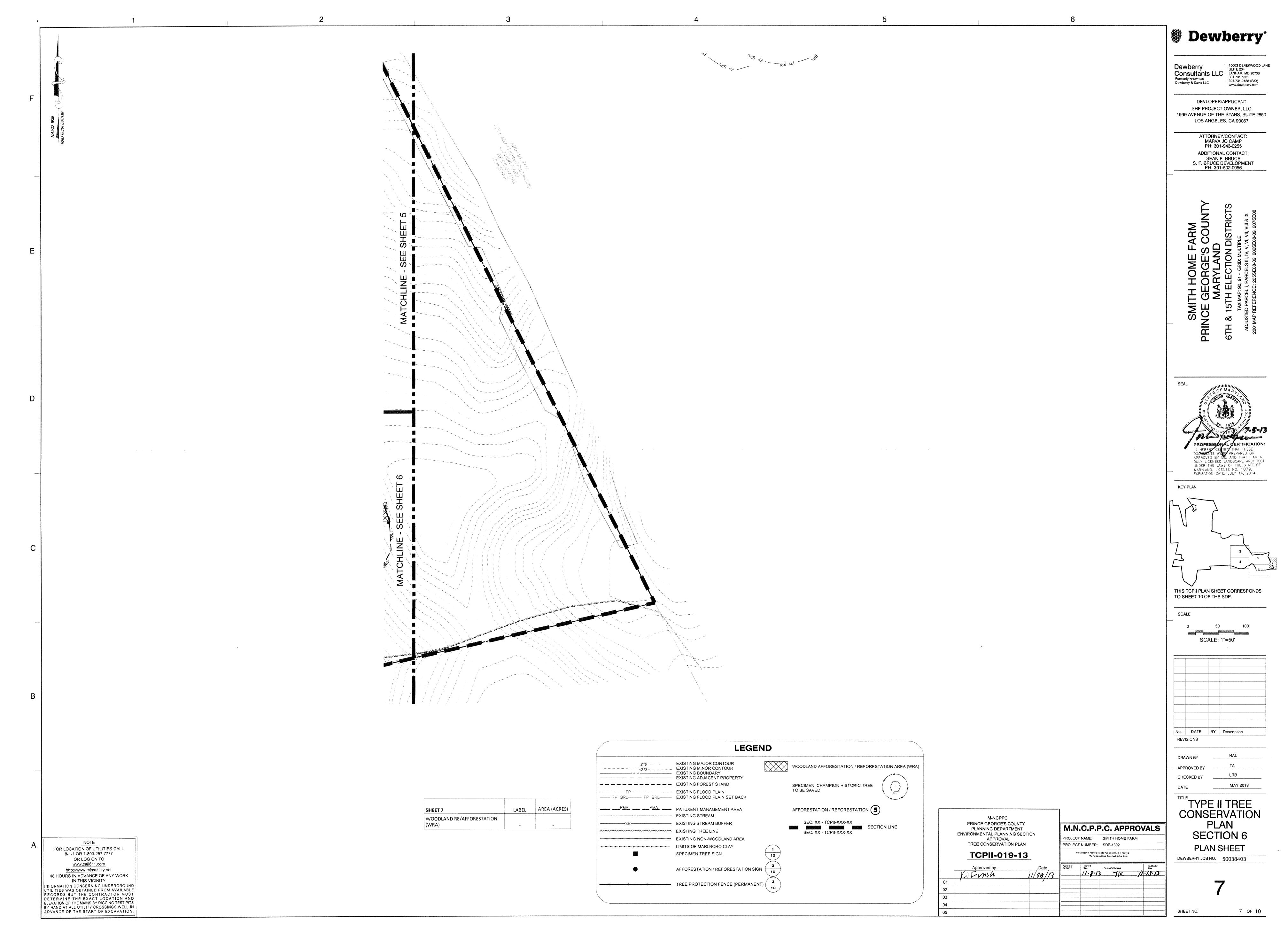
2 OF 10











NOTE: 305 Trees were tagged. Some trees were not tagged due to proximity to residences and potentially aggressive dogs. Numbers with \* indicate trees that are in DBH close to the County Champion or even exceed County Champion DBH size.

2. TREES DENOTED AS "SAVE" ON THIS PLAN REFER ONLY TO THE CONDITION ANTICIPATED AS A RESULT OF

32 Fair

44 Fair

**1**a

Save

Save

CONSTRUCTION PERMITTED WITH THIS PLAN. FUTURE CONSTRUCTION ACTIVITIES PERMITTED UNDER A SEPARATE TCPII SHALL MAKE AN APPROPRIATE DETERMINATION AS TO THE FINAL CONDITION OF TREES IMPACTED BY CONSTRUCTION ACTIVITIES.

315	Tulip Tree	Liriodendron tulipifera	32	Fair	Remove	<b>1</b> a
316	Tulip Tree	Liriodendron tulipifera	48	Fair, twin	Remove	1a
317	Red Maple	Acer rubrum	30	Fair	Remove	1a
318	Tulip Tree	Liriodendron tulipifera	33	Fair	Remove	1a
319	Tulip Tree	Liriodendron tulipifera	34	Good	Save	<b>1</b> a
320	Tulip Tree	Liriodendron tulipifera	40	Fair, twin	Save	1a
321	Tulip Tree	Liriodendron tulipifera	36	Fair	Save	1a
322	Tulip Tree	Liriodendron tulipifera	35	Fair	Save	1a
323	Sycamore	Platanus occidentalis	39	Fair	Save	offsite
324	Sycamore	Platanus occidentalis	50	Fair	Save	offsite
325	Sycamore	Platanus occidentalis	31	Fair	Save	5
326	Tulip Tree	Liriodendron tulipifera	43	Good	Save	5
327	Tulip Tree	Liriodendron tulipifera	38	Fair	Save	5
329	Tulip Tree	Liriodendron tulipifera	36	Good	Save	5
330	Red Maple	Acer rubrum	31	Good	Save	5
331	Tulip Tree	Liriodendron tulipifera	48	Fair	Save	5
332	Sycamore	Platanus occidentalis	31	Fair, twin	Save	5
333	American Beech	Fagus grandifolia	47	Good	Save	5
334	White Oak	Quercus alba	32	Good	Save	5
335	Red Oak	Quercus rubra	31	Very Poor	Save	5
336	Black Gum	Nyssa sylvatica	34	Fair	Save	5
337	Red Oak	Quercus rubra	37	Good	Save	5
338-359	Numbers not used					
360	Tulip Tree	Liriodendron tulipifera	35	Fair	Remove	infra 1
361	Sycamore	Platanus occidentalis	30	Fair	Remove	1a
362	Tulip Tree	Liriodendron tulipifera	30	Fair	Remove	1a
363	Tulip Tree	Liriodendron tulipifera	34	Poor, hollow	Remove	2
364	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	2
365	Tulip Tree	Liriodendron tulipifera	32	fair	Remove	2
366	Tulip Tree	Liriodendron tulipifera	43	Fair, twin	Save	infra2
367	Tulip Tree	Liriodendron tulipifera	37	Fair	Save	infra2
368	Tulip Tree	Liriodendron tulipifera	34	Fair, twin	Remove	1b
369	Tulip Tree	Liriodendron tulipifera	36	Fair	Save	1A
370	Tulip Tree	Liriodendron tulipifera	32	Fair	Remove	infra 1
371	Sweetgum	Liquidambar styraciflua	30	Fair	Remove	infra 1
372	Tulip Tree	Liriodendron tulipifera	50	Poor, large cavity	Remove	offsite
373	Tulip Tree	Liriodendron tulipifera	41	Fair	Remove	1a
374	Red Maple	Acer rubrum	32	Fair	Save	1A
375	Tulip Tree	Liriodendron tulipifera	58	Fair	Save	offsite
376	Tulip Tree	Liriodendron tulipifera	57	Poor	Save	offsite
377	Tulip Tree	Liriodendron tulipifera	30	Fair	Remove	1a
378	Red Oak	Quercus rubra	32	Fair	Save	offsite
379	Red Oak	Quercus rubra	51	Fair	Save	offsite
· · · · · · · · · · · · · · · · · · ·	1			1	1	

380 American Beech Fagus grandifolia

381 American Beech Fagus grandifolia

1. RESOURCE DATA TAKEN FROM NRI-006-05 PREPARED BY LOIEDERMAN SOLTESZ ASSOCIATES, INC. AS REVISED

M-NCPPC PRINCE GEORGE'S COUNTY

PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION

APPROVAL TREE CONSERVATION PLAN

TCPII-019-13

Approved by

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

Certification
Date
//-/3-//3

PROJECT NAME: SMITH HOME FARM

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

Approval
Date Reviewer's Signature

PROJECT NUMBER: SDP-1302

No. DATE BY Description REVISIONS

**AS-SHOWN** 

**₽ Dewberry**<sup>®</sup>

Consultants LLC
Formerly known as
Dewberry & Davis LLC

Towns LLC

Towns LLC

Towns LLC

Towns LLC

Towns LLC

SUITE 204

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

ADDITIONAL CONTACT:

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

UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 1079, EXPIRATION DATE: JULY 14, 2014.

KEY PLAN

10003 DEREKWOOD LANE

Dewberry

CHECKED BY MAY 2013

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

DEWBERRY JOB NO. 50038403

8 OF 10 SHEET NO.

from t	ees were tagged with he ground with color	red flagging attached. Tre	e locations	are approximate.			92	Bla
Tag#	Common Name	Scientific Name	DBH (inches)	Remarks/Condition	Proposed Disposition	Plan Section	93	Pin
1	Tulip Tree	Liriodendron tulipifera	34	Good	Save	offsite	94	Pin
2	Southern Red Oak	Quercus falcata	34	Poor, trunk damage Fair, twin	Save	offsite	96	Ce
<u>3</u> 4	Southern Red Oak White Oak	Quercus falcata  Quercus alba	39 43	Fair	Save Save	2 offsite	97	Tu
_ <del>-4</del>	White Oak	Quercus alba	40	Good	Save	2	98	Re
6	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	2	99	Tu
7	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	2	100	Bla Sw
8	White Oak	Quercus alba	50	Good	Save	offsite	102	Sw
9	Tulip Tree Tulip Tree	Liriodendron tulipifera Liriodendron tulipifera	32	Fair	Save	2	103	An
10	Tulip Tree	Liriodendron tulipifera	30	Fair Fair, twin	Save	offsite	104	Re
12	Tulip Tree	Liriodendron tulipifera	30	Good	Save	offsite	105	Re
13	Southern Red Oak	Quercus falcata	30	Good	Save	offsite	106	Re
14	Red Maple	Acer rubrum	45	Fair, 3 stem	Save	2	107 108	Re
15	Tulip Tree	Liriodendron tulipifera	34	Good	Remove	2	109	Tu
16	Tulip Tree Tulip Tree	Liriodendron tulipifera Liriodendron tulipifera	33	Good Fair, twin with #18	Remove Remove	2	109 A	Sw
17 18	Tulip Tree	Liriodendron tulipifera	32	Fair, twin with 30"	Remove	2	110	Sw
19	Pin Oak	Quercus palustris	36	Poor, insect damage	Remove	2	111	Sw
20	Red Maple	Acer rubrum	34	Good	Remove	2	112	Elr
21	Tulip Tree	Liriodendron tulipifera	53	Fair, twin	Save	offsite	113	Tu
22	Tulip Tree	Liriodendron tulipifera	34	Fair	Save	offsite	115	Tu
23	Tulip Tree Tulip Tree	Liriodendron tulipifera Liriodendron tulipifera	31	Good Fair	Remove	2	116	Tu
24 25	White Oak	Quercus alba	33	Poor, half missing	Remove	2	117	Tu
26	White Oak	Quercus alba	32	Fair	Save	2	118	Tu
27	White Oak	Quercus alba	30	Good	Remove	2	119	Tu
28	Amercian Beech	Fagus grandifolia	39	Poor	Save	2	120	Tu
29	Tulip Tree	Liriodendron tulipifera	30	Fair	Remove	2	122	Tu
30 31	Tulip Tree Tulip Tree	Liriodendron tulipifera Liriodendron tulipifera	39 31	Fair Good	Remove	2	123	Tu
32	Green Ash	Fraxinus pennsylvanica	49	Fair	Save	park	124	Tu
33	Red Maple	Acer rubrum	40	Fair, stream bank	Save	park	125	Tu
34	Tulip Tree	Liriodendron tulipifera	39	Good	Save	park	126	Eli
35	Amercian Beech	Fagus grandifolia	30	Good	Save	park	127 128	Tu
36	Tulip Tree	Liriodendron tulipifera	52	Fair	Save	park	129	Tu
37 38	Sweetgum Red Maple	Liquidambar styraciflua Acer rubrum	31 46	Good Fair	Save	park park	130	Τι
39	Sycamore	Platanus occidentalis	37	Fair, stream bank	Save	park	131	Τι
40	Sycamore	Platanus occidentalis	50	Fair	Save	infra 2	132	Tu
41	Tulip Tree	Liriodendron tulipifera	37	Fair	Save	park	133	IA .
42	Tulip Tree	Liriodendron tulipifera	49	Good	Save	park	134 135	Aı Tı
43	Tulip Tree	Liriodendron tulipifera	46	Good Fair, insect damage	Save	park	136	Tı
44 45	Pin Oak	Quercus palustris Quercus palustris	45 38	Good	Save	4	137	w
45	Tulip Tree	Liriodendron tulipifera	46	Good	Save	4	138	W
47	Pin Oak	Quercus palustris	47	Good	Save	4	139	W
48	Pin Oak	Quercus palustris	42	Good	Save	retained	140 141	Tu
49	Tulip Tree	Liriodendron tulipifera	43	Good	Save	retained	141	W
50	Red Maple	Acer rubrum	50	Poor, 1/2 missing	Save	retained	143	Tu
51	Sweetgum River Birch	Liquidambar styraciflua  Betula nigra	34	Good Fair	Save	retained retained	144	Tu
52 53	Tulip Tree	Liriodendron tulipifera	37	Fair	Save	offsite	145	Tu
54	Tulip Tree	Liriodendron tulipifera	46	Fair	Save	retained	146	Tu
55	Tulip Tree	Liriodendron tulipifera	35	Very poor, damaged	Save	retained	147	Re
56	Sycamore	Platanus occidentalis	33	Fair, twin	Save	park	148	Tu
57	Tulip Tree	Liriodendron tulipifera	30	Poor	Save	park	150	Tu
58	Pin Oak	Quercus palustris	31	Good	Save	park park	151	Τι
59 60	Red Oak Silver Maple	Quercus rubra Acer saccharinum	39 31	Fair Fair	Save	park	152	Re
61	Silver Maple	Acer saccharinum	31	Poor	Save	park	153	Ar Tı
62	Silver Maple	Acer saccharinum	35	Fair	Save	park	154 155	Τι
63	Tulip Tree	Liriodendron tulipifera	36	Good	Save	park	155	Ar Tu
64	Tulip Tree	Liriodendron tulipifera	37	Fair, twin with 65	Save	park	157	W
65	Tulip Tree Silver Maple	Liriodendron tulipifera  Acer saccharinum	38 65	Fair, 4 stems	Save	park park	158	BI
66 <b>67</b>	Black Cherry	Acer saccharinum  Prunus serotina	40	Poor, damaged	Remove	3	159	Sil
68	Tulip Tree	Liriodendron tulipifera	58	Fair	Save	3	160	Si
69	Sycamore	Platanus occidentalis	30	Fair	Save	park	161 162	Re
70	Silver Maple	Acer saccharinum	40	Fair, 6 stems	Save	park	163	No
71	Silver Maple	Acer saccharinum	44	Fair, 4 stems Good, stream bank	Save	park park	164	No
72 73	Silver Maple Tulip Tree	Acer saccharinum Liriodendron tulipifera	39 36	Fair, 3 stems	Save	park	165	Re
73 74	Tulip Tree	Liriodendron tulipifera	30	Fair, 3 stems	Save	park	166	Re
75	Tulip Tree	Liriodendron tulipifera	33	Poor	Save	park	167	Re
76	Tulip Tree	Liriodendron tulipifera	32	Good	Remove	park	168 169	Bla
77	Tulip Tree	Liriodendron tulipifera	60	Fair, 3 stems	Save	park	170	Bla
78	Tulip Tree	Liriodendron tulipifera	30	Poor	Save	park park	171	Bla
79 80	Tulip Tree Tulip Tree	Liriodendron tulipifera Liriodendron tulipifera	30	Fair Fair, twin with 81	Save	park park	172	Sil
80	Tulip Tree	Liriodendron tulipifera	30	Fair, twin	Save	park	173	Sil
82	Silver Maple*	Acer saccharinum	67	Fair	Save	park	174	Sil
83	Silver Maple	Acer saccharinum	59	Fair	Save	park	175 176	Tu
84	Silver Maple*	Acer saccharinum	75	Fair	Save	park	175	Tu
85	Silver Maple	Acer saccharinum	50	Good	Save	park	178	Bla
86	Black Walnut	Juglans nigra	34	Fair	Save	park park	179	Bla
87	Silver Maple Pin Oak	Acer saccharinum  Quercus palustris	40 38	Fair Good	Save	park	400	Os
88 89	Pin Oak Pin Oak	Quercus palustris	30	Good	Save	park	180	Hic
90	Silver Maple	Acer saccharinum	47	Good	Save	park	182	Bla
50	1	1	-			1	IU2	,

92	Black Walnut	Juglans nigra	30	Poor Fair	Save	park 6
93	Pin Oak	Quercus palustris			· · · · · · · · · · · · · · · · · · ·	6 park
···	Silver Maple		32	Good Poor, trunk damage	Save	<del> </del>
94	<del></del>	Acer saccharinum	44		Save	park
95	Pin Oak	Quercus palustris	34	Good	Save	park
96	Cedar Tulip Tree	Juniperus sp.	30	Good	Save	4
97	<del></del>	Liriodendron tulipifera	34	Fair	Save	4
98	Red Maple	Acer rubrum	34	Fair	Save	4
99	Tulip Tree	Liriodendron tulipifera	45	Good	Save	4
100	Black Locust	Robinia pseudoacacia	36	Poor	Save	4
101	Sweetgum	Liquidambar styraciflua	35	Fair	Save	6
102	Sweetgum	Liquidambar styraciflua	34	Fair	Save	6
103	American Beech	Fagus grandifolia	40	Good	Save	6
104	Red Maple	Acer rubrum	35	Good	Save	6
105	Red Maple	Acer rubrum	30	Fair	Save	6
106	Red Maple	Acer rubrum	52	Poor	Save	6
107	Sweetgum	Liquidambar styraciflua	31	Fair	Save	6
108	Red Maple	Acer rubrum	35	Good	Save	6
109	Tulip Tree	Liriodendron tulipifera	52	Poor	Save	6
109 A	Sweetgum	Liquidambar styraciflua	51	Fair	Save	6
110	Sweetgum	Liquidambar styraciflua	33	Fair	Save	6
111	Sweetgum	Liquidambar styraciflua	37	Good	Save	6
112	Elm	Ulmus sp.	36	Fair	Save	1
113	Tulip Tree	Liriodendron tulipifera	35	Fair, twin	Save	4
114	Tulip Tree	Liriodendron tulipifera	37	Good	Save	4
115	Tulip Tree	Liriodendron tulipifera	34	Good	Save	offsite
116	Tulip Tree	Liriodendron tulipifera	41	Good	Save	offsite
117	Tulip Tree	Liriodendron tulipifera	41	Good	Save	offsite
	Tulip Tree	Liriodendron tulipifera			-	+
118	Tulip Tree	Liriodendron tulipifera	30	Good	Save	4
119	<del></del>		36	Good	Save	4
120	Tulip Tree	Liriodendron tulipifera	38	Fair	Save	4
121	Tulip Tree	Liriodendron tulipifera	32	Fair, twin with 29"	Save	4
122	Tulip Tree	Liriodendron tulipifera	33	Good	Save	4
123	Tulip Tree	Liriodendron tulipifera	32	Fair	Save	offsite
124	Tulip Tree	Liriodendron tulipifera	34	Fair	Save	4
125	Tulip Tree	Liriodendron tulipifera	37	Good	Save	4
126	Elm	Ulmus sp.	36	Fair, twin	Save	4
127	Tulip Tree	Liriodendron tulipifera	41	Fair	Save	4
128	Tulip Tree	Liriodendron tulipifera	31	Fair	Save	4 church
129	Tulip Tree	Liriodendron tulipifera	41	Fair	Save	4 churcl
130	Tulip Tree	Liriodendron tulipifera	45	Fair, trash in area	Save	4 church
131	Tulip Tree	Liriodendron tulipifera	51	Fair, twin	Save	4 churcl
132	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	4
133	American Beech	Fagus grandifolia	32	Fair	Save	4
134	American Beech	Fagus grandifolia	32	Fair, trash in area	Save	4
135	Tulip Tree	Liriodendron tulipifera	32	Good	Save	4
136	Tulip Tree	Liriodendron tulipifera	30	Fair, stream bank	Save	4
137	White Oak	Quercus alba	30	Good	Save	4
437					Save	4
138	White Oak	Uliprous aina	~ ~ ~			4
138	White Oak	Quercus alba	33	Good	+	1
139	White Oak	Quercus alba	33	Good	Save	4
139 140	White Oak White Oak	Quercus alba Quercus alba	33 36	Good, stream bank	Save Save	4
139 140 141	White Oak White Oak Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera	33 36 39	Good Good, stream bank Fair	Save Save	4 4
139 140 141 142	White Oak White Oak Tulip Tree White Oak	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba	33 36 39 34	Good Good, stream bank Fair Good	Save Save Save	4 4 4
139 140 141 142 143	White Oak White Oak Tulip Tree White Oak Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera	33 36 39 34 30	Good Good, stream bank Fair Good Fair,head of swale	Save Save Save Save	4 4 4
139 140 141 142 143 144	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Liriodendron tulipifera	33 36 39 34 30 33	Good Good, stream bank Fair Good Fair,head of swale Fair	Save Save Save Save Save Save	4 4 4 4 4
139 140 141 142 143 144 145	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera	33 36 39 34 30 33 34	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank	Save Save Save Save Save Save Save	4 4 4 4 4
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139 140 141 142 143 144 145 146 147	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Quercus rubra Liriodendron tulipifera	33 36 39 34 30 33 34 35 34 37	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4
139 140 141 142 143 144 145 146 147 148	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Quercus rubra Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera	33 36 39 34 30 33 34 35 34 37 42	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4
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139 140 141 142 143 144 145 146 147 148 149	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Quercus rubra Liriodendron tulipifera Acer rubrum	33 36 39 34 30 33 34 35 34 37 42 30	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Fair	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4
139 140 141 142 143 144 145 146 147 148 149 150	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree American Beech	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Quercus rubra Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Acer rubrum Fagus grandifolia	33 36 39 34 30 33 34 35 34 37 42 30 42	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Good Fair Good	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4
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139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree White Oak Tulip Tree American Beech Tulip Tree American Beech Tulip Tree American Beech Tulip Tree Sech Tulip Tree American Beech Tulip Tree American Beech Tulip Tree White Oak Black Gum Silver Maple	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Fagus grandifolia Liriodendron tulipifera Quercus alba Nyssa sylvatica Acer saccharinum	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Fair Fair Fair Fair Good Foor Good Good Fair Fair Fair Foor	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5
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139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree American Beech Tulip Tree	Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Fagus grandifolia Liriodendron tulipifera Quercus alba Nyssa sylvatica Acer saccharinum Acer saccharinum Acer rubrum Acer saccharinum	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 30 40 31 31 31 31 31 31 31 31 31 31	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Poor Good Good Good Fair Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 6 6 6 6
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree White Oak Tulip Tree Red Maple American Beech Tulip Tree American Beech Tulip Tree White Oak Black Gum Silver Maple Silver Maple Red Maple Rickory Black Locust Black Locust Silver Maple Silver Maple	Quercus alba  Liriodendron tulipifera  Quercus alba  Liriodendron tulipifera  Acer rubrum  Fagus grandifolia  Liriodendron tulipifera  Pagus grandifolia  Liriodendron tulipifera  Quercus alba  Nyssa sylvatica  Acer saccharinum  Acer saccharinum  Acer rubrum  Carya sp.  Robinia pseudoacacia  Robinia pseudoacacia  Robinia pseudoacacia  Acer saccharinum  Acer saccharinum  Acer saccharinum  Acer saccharinum	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 30 31 31 32 33 34 35 36 30 31 31 31 32 33 34 35 36 37 38 38 38 38 38 38 38 38 38 38	Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Good, stream bank Fair Fair Good Fair Fair Good Good Good Good Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree American Beech Tulip Tree	Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Guercus alba Nyssa sylvatica Acer saccharinum Acer rubrum Acer saccharinum	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 30 40 31 31 31 31 31 31 31 31 31 31	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Poor Good Good Good Fair Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 6 6 6 6
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree American Beech Tulip Tree Red Maple	Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Fagus grandifolia Liriodendron tulipifera Quercus alba Nyssa sylvatica Acer saccharinum Acer saccharinum Acer rubrum Acer saccharinum	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 30 31 31 32 33 34 35 36 30 31 31 31 32 33 34 35 36 37 38 38 38 38 38 38 38 38 38 38	Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Good, stream bank Fair Fair Good Fair Fair Good Good Good Good Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree American Beech Tulip Tree	Quercus alba  Quercus alba  Liriodendron tulipifera  Quercus alba  Liriodendron tulipifera  Acer rubrum  Fagus grandifolia  Liriodendron tulipifera  Quercus alba  Nyssa sylvatica  Acer saccharinum  Acer saccharinum  Acer rubrum  Acer saccharinum  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 30 40 31 31 31 31 31 31 31 31 31 31	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Poor Good Good Good Fair Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 6 6 6 6
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 167 168 169 170 171 172 173 174 175	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree American Beech Tulip Tree Red Maple	Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Fagus grandifolia Liriodendron tulipifera Quercus alba Nyssa sylvatica Acer saccharinum Acer saccharinum Acer rubrum Acer saccharinum	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 31 30 31 31 31 31 31 31 31 31 31 31	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Poor Good Good Good Fair Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 6 6 6 6
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Maple American Beech Tulip Tree American Beech Tulip Tree White Oak Black Gum Silver Maple Silver Maple Red Maple Silver Maple Silver Maple Red Maple Red Maple Red Maple Red Maple Red Maple Red Maple Silver Maple Silver Maple Silver Maple Tulip Tree Tulip Tree	Quercus alba  Quercus alba  Liriodendron tulipifera  Quercus alba  Liriodendron tulipifera  Acer rubrum  Fagus grandifolia  Liriodendron tulipifera  Quercus alba  Nyssa sylvatica  Acer saccharinum  Acer saccharinum  Acer rubrum  Acer saccharinum  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 31 30 31 31 32 33 34 35 31 31 31 31 32 33 34 35 36 30 31 31 31 31 31 31 31 31 31 31	Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Poor Good Good Good Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree Red Maple American Beech Tulip Tree American Beech Tulip Tree White Oak Black Gum Silver Maple Red Maple Rickory Black Locust Black Locust Black Locust Silver Maple Silver Maple Silver Maple Tulip Tree Tulip Tree Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Quercus alba Nyssa sylvatica Acer saccharinum Acer saccharinum Acer rubrum Acer saccharinum Lacer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Acer saccharinum Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 31 30 31 31 32 33 34 35 31 31 31 32 33 34 35 36 30 30 31 31 31 31 31 31 31 31 31 31	Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Poor Good Good Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree Red Maple American Beech Tulip Tree American Beech Tulip Tree White Oak Black Gum Silver Maple Red Maple	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Guercus alba Nyssa sylvatica Acer saccharinum Acer saccharinum Acer rubrum Acer saccharinum Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Acinia pseudoacacia	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 30 31 32 33 34 35 31 31 32 33 34 35 31 31 32 33 34 35 36 30 31 31 31 32 33 34 35 36 30 31 31 31 31 31 31 31 31 31 31	Good Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Fair Good Fair Fair Good Poor Good Good Good Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177	White Oak White Oak Tulip Tree White Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Red Oak Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree American Beech Tulip Tree American Beech Tulip Tree American Beech Tulip Tree White Oak Black Gum Silver Maple Red Maple Silver Maple Red Maple Red Maple Red Maple Red Maple Red Maple Tulip Tree	Quercus alba Quercus alba Liriodendron tulipifera Quercus alba Liriodendron tulipifera Acer rubrum Fagus grandifolia Liriodendron tulipifera Guercus alba Nyssa sylvatica Acer saccharinum Acer saccharinum Acer rubrum Acer saccharinum Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera	33 36 39 34 30 33 34 35 34 37 42 30 42 33 34 36 30 40 34 30 36 52 39 36 51 34 35 31 30 31 36 31 30 31 31 32 33 34 35 31 31 32 33 34 35 36 37 37 38 38 38 38 38 38 38 38 38 38	Good, stream bank Fair Good Fair,head of swale Fair Good, stream bank Fair Good, stream bank Fair Fair Good Fair Fair Good Good Good Good Fair Fair Fair Fair Poor Fair Fair Fair Fair Fair Fair Fair Fai	Save Save Save Save Save Save Save Save	4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5

			1			
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
<b>19</b> 0	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
	<del> </del>					1
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
	Tulip Tree	Liriodendron tulipifera			<del></del>	
198	ļ	· <u>i</u>	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
	Tulip Tree	Liriodendron tulipifera				<del> </del>
203	ļ		32	Good	Save	<b>1</b> b
204	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	<b>1</b> b
205	Tulip Tree	Liriodendron tulipifera	31	Fair	Save	<b>1</b> b
206	Southern Red Oak	Quercus falcata	36	Fair	Save	<b>1</b> b
207	Black Walnut	Juglans nigra	38	Fair	Save	<b>1</b> b
	Tulip Tree	+				<del>                                     </del>
208	<u> </u>	Liriodendron tulipifera	43	Fair	Save	<b>1</b> b
209	Tulip Tree	Liriodendron tulipifera	45	Fair	Save	of <b>f</b> site
210	Tulip Tree	Liriodendron tulipifera	31	Fair	Remove	1b
211	Number not used					
212	Tulip Tree	Liriodendron tulipifera	30	Fair	Save	<b>1</b> b
	Tulip Tree	+				
213	<del> </del>	Liriodendron tulipifera	34	Fair	Save	<b>1</b> b
214	Tulip Tree	Liriodendron tulipifera	41	Fair	Save	<b>1</b> b
215	Black Walnut	Juglans nigra	30	Fair	Save	<b>1</b> a
216	Sycamore	Platanus occidentalis	32	Fair	Save	<b>1</b> a
217	Sycamore	Platanus occidentalis	34	Fair	Save	1a
	Sycamore	+	ļ			
218		Platanus occidentalis	33	Fair	Save	1a
219	Sycamore	Platanus occidentalis	32	Fair	Save	5
220	Red Maple	Acer rubrum	30	Fair	Save	5
21- 225	Numbers not used					
226	Tulip Tree	Liriodendron tulipifera	35	Fair	Save	5
27- 230				T G II	Jave	<del>-</del>
	<del> </del>					
231	Tulip Tree	Liriodendron tulipifera	31	Fair	Save	1A
232	Number not used					
233	Tulip Tree	Liriodendron tulipifera	39	Fair	Save	<b>1</b> a
234-235	Numbers not used					
		Quareus palustris				
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
		2.44	30	raii	Jave	3
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					
	Sycamore	Distance	44			nark
246		Platanus occidentalis	41	Fair	Save	park
247	Tulip Tree	Liriodendron tulipifera	40			
248			48	Fair	Save	park
	Silver Maple	Acer saccharinum	48	Fair Fair	Save Save	park park
249	Number not used	Acer saccharinum	45	Fair	Save	park
249 250	Number not used Black Walnut					
249 250 251-253	Number not used Black Walnut Numbers not used	Acer saccharinum  Juglans nigra	45 34	Fair Poor	Save	park park
249 250	Number not used Black Walnut	Acer saccharinum	45	Fair	Save	park
249 250 251-253	Number not used Black Walnut Numbers not used	Acer saccharinum  Juglans nigra	45 34	Fair Poor	Save	park park
249 250 251-253 254	Number not used Black Walnut Numbers not used Southern Red Oak	Acer saccharinum  Juglans nigra	45 34	Fair Poor	Save	park park
249 250 251-253 254 255 256	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera	34 34 31	Fair Poor Fair Fair	Save Save Save	park park park
249 250 51-253 254 255 256 257	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35	Fair Poor Fair Fair Fair	Save Save Save Save	park park park 5 5
249 250 251-253 254 255 256 257 258	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera	34 34 31	Fair Poor Fair Fair	Save Save Save	park park park
249 250 51-253 254 255 256 257 258	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35	Fair Poor Fair Fair Fair	Save Save Save Save	park park park 5 5
249 250 51-253 254 255 256 257 258	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35	Fair Poor Fair Fair Fair	Save Save Save Save	park park park 5 5
249 250 51-253 254 255 256 257 258 59-261	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35 32	Fair Poor Fair Fair Fair Fair	Save Save Save Save Save Save	park park park 5 5 5
249 250 51-253 254 255 256 257 258 259-261 262 263	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Fagus grandifolia Liriodendron tulipifera	34 34 31 35 32 30 31	Fair Fair Fair Fair Fair Fair	Save Save Save Save Save Save Save	park park park 5 5 5 5
249 250 251-253 254 255 256 257 258 259-261 262 263 264	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Liriodendron tulipifera  Fagus grandifolia Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35 32 30 31 33	Fair  Poor  Fair  Fair  Fair  Fair  Fair  Fair  Fair  Fair	Save Save Save Save Save Save Save Save	park park park 5 5 5 5
249 250 251-253 254 255 256 257 258 259-261 262 263 264 265	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Fagus grandifolia Liriodendron tulipifera	34 34 31 35 32 30 31	Fair Fair Fair Fair Fair Fair	Save Save Save Save Save Save Save	park park park 5 5 5 5
249 250 251-253 254 255 256 257 258 259-261 262 263 264	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree Black Walnut Numbers not used	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Fagus grandifolia Liriodendron tulipifera Liriodendron tulipifera Juglans nigra	34 34 31 35 32 30 31 33	Fair  Poor  Fair  Fair  Fair  Fair  Fair  Fair  Fair  Fair	Save Save Save Save Save Save Save Save	park park park 5 5 5 5
249 250 251-253 254 255 256 257 258 259-261 262 263 264 265	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Liriodendron tulipifera  Fagus grandifolia Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35 32 30 31 33	Fair  Poor  Fair  Fair  Fair  Fair  Fair  Fair  Fair  Fair	Save Save Save Save Save Save Save Save	park park park 5 5 5 5
249 250 251-253 254 255 256 257 258 259-261 262 263 264 265 266-269 270	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree Black Walnut Numbers not used	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Fagus grandifolia Liriodendron tulipifera Liriodendron tulipifera Juglans nigra	34 34 31 35 32 30 31 33 33	Fair Poor Fair Fair Fair Fair Fair Fair Poor	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 5
249 250 51-253 254 255 256 257 258 259-261 262 263 264 265 66-269 270	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree Black Walnut Numbers not used Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Fagus grandifolia Liriodendron tulipifera Liriodendron tulipifera Juglans nigra	34 34 31 35 32 30 31 33 33 33	Fair  Poor  Fair	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 5
249 250 51-253 254 255 256 257 258 59-261 262 263 264 265 66-269 270 71-288	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree Black Walnut Numbers not used Tulip Tree Numbers not used Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Fagus grandifolia Liriodendron tulipifera  Liriodendron tulipifera  Juglans nigra  Liriodendron tulipifera	34 34 31 35 32 30 31 33 33	Fair Poor Fair Fair Fair Fair Fair Fair Poor	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 5
249 250 251-253 254 255 256 257 258 259-261 262 263 264 265 66-269 270 71-288 289 290	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Tulip Tree Ulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Numbers not used Tulip Tree Numbers not used Tulip Tree Numbers not used Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35 32 30 31 33 33 33	Fair  Poor  Fair	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 5
249 250 251-253 254 255 256 257 258 259-261 262 263 264 265 266-269 270 271-288 289 290 291	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Black Walnut Numbers not used Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Pinus virginiana	34 34 31 35 32 30 31 33 33 33 31	Fair  Poor  Fair  Fair  Fair  Fair  Fair  Fair  Fair  Fair  Fair  Poor  Fair  Poor	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 15
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249 250 251-253 254 255 256 257 258 259-261 262 263 264 265 266-269 270 271-288 289 290 291 292 291 292 293-294 295 296-299 300 301 302 303 304 305 306 07-308 309 310 311 312	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Black Walnut Numbers not used Tulip Tree Number not used Tulip Tree Number not used Virginia Pine Tulip Tree Numbers not used Silver Maple Tulip Tree Tulip Tree Southern Red Oak Silver Maple Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Routhern Red Oak Silver Maple Tulip Tree Routhern Red Oak Red Maple Red Maple Red Maple	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Juglans nigra  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Acer saccharinum  Liriodendron tulipifera  Acer saccharinum  Liriodendron tulipifera  Quercus falcata  Acer saccharinum  Acer saccharinum  Liriodendron tulipifera  Quercus falcata  Acer saccharinum  Acer saccharinum  Liriodendron tulipifera  Acer saccharinum  Acer rubrum  Acer rubrum  Acer rubrum  Acer rubrum	34 34 31 35 32 30 31 33 33 33 33 37 34 43 30 36 34 30 37 42 35 38	Fair  Poor  Fair  Fair  Fair  Fair  Fair  Fair  Poor  Fair	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 5 5 15 1a 1a 1a 1a 1a 1b 1b 1b 1b 1b 1b
249 250 51-253 254 255 256 257 258 59-261 262 263 264 265 66-269 270 71-288 289 290 291 292 93-294 295 96-299 300 301 302 303 304 305 306 07-308 309 310 311 312 313	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Black Walnut Numbers not used Tulip Tree Number not used Tulip Tree Number not used Virginia Pine Tulip Tree Numbers not used Silver Maple Numbers not used Silver Maple Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Tulip Tree Routhern Red Oak Silver Maple Tulip Tree Rumbers not used Red Maple Tulip Tree Numbers not used Red Maple Tulip Tree Numbers not used Red Maple Tulip Tree	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Juglans nigra  Liriodendron tulipifera  Liriodendron tulipifera  Acer saccharinum  Acer saccharinum  Acer saccharinum  Acer saccharinum  Liriodendron tulipifera  Acer saccharinum  Acer saccharinum  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera	34 34 31 35 32 30 31 33 33 33 33 33 31 31 31 31	Fair  Poor  Fair  Fair  Fair  Fair  Fair  Fair  Poor  Fair  Pair  Fair	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 5 5 15 1a 1a 1a 1a 1a 1b 1b 1b 1b 1b 1b 1b
249 250 251-253 254 255 256 257 258 259-261 262 263 264 265 266-269 270 71-288 289 290 291 292 93-294 295 96-299 300 301 302 303 304 305 306 07-308 309 310 311 312	Number not used Black Walnut Numbers not used Southern Red Oak Number not used Tulip Tree Tulip Tree Numbers not used American Beech Tulip Tree Black Walnut Numbers not used Tulip Tree Number not used Tulip Tree Number not used Virginia Pine Tulip Tree Numbers not used Silver Maple Silver Maple Tulip Tree Routhern Red Oak Silver Maple Tulip Tree Tulip Tree Routhern Red Oak Silver Maple Tulip Tree Rumbers not used Red Maple Red Maple Red Maple Red Maple Red Maple	Acer saccharinum  Juglans nigra  Quercus falcata  Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Juglans nigra  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Acer saccharinum  Liriodendron tulipifera  Liriodendron tulipifera  Acer saccharinum  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Liriodendron tulipifera  Acer saccharinum  Liriodendron tulipifera  Acer saccharinum  Acer saccharinum  Acer saccharinum  Acer saccharinum  Acer rubrum  Acer rubrum  Acer rubrum  Acer rubrum  Liriodendron tulipifera	34 34 31 35 32 30 31 33 33 33 33 37 34 43 30 36 34 30 37 42 35 38	Fair  Poor  Fair  Fair  Fair  Fair  Fair  Fair  Poor  Fair	Save Save Save Save Save Save Save Save	park  park  park  5 5 5 5 5 5 5 5 15 1a 1a 1a 1a 1a 1b 1b 1b 1b 1b 1b

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

Š	ecles		Planting Sto	ck .		Reforestation	Percent of
Botanical Name	Common Name	Size	Gredits/Unit	Type	Quantity	Credits	Stocking
	Red Maple	Seedling: 6"-18" HT.	TO SERVICE THE PROPERTY.		1011 S. O. 2015 S. C. 101 S. C	2 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	
cer rubrum			1	Bare Root	770	<del> </del>	20.5%
arcis canadensis	Eastern Redbud	Seedling: 6"-18" HT.	1	Bare Root	310		8.2%
nus taeda	Loblolly Pine	Seedling: 6"-18" HT.	1	Bare Root	370		9.8%
quidambar styraciflua	Sweetgum	Seedling: 6"-18" HT.	1	Bare Root	770		20.5%
atanus occidentalis	American Sycamore	Seedling: 6"-18" HT.	1	Bare Root	770	770	20.5%
uercus phellos	Willow Oak	Seedling: 6"-18" HT.	1	Bare Root	770	770	20.5%
					Reforestation Units Provided	3,760	
					Total	1,	
					Reforestation		
			:	! !	Units Required	3,760	
					Excess	0	
					1		-
FORESTATION / REF	ORESTATION AREA #2 (S	SECTION 6)			Acreage	5.66	Upland Plantings
St.	ecles		Planting Sto	ck		Reforestation	Percent of
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity	Credits	Stocking
cer rubrum	Red Maple	Seedling: 6"-18" HT.	1	Bare Root	950	950	21.0%
ercis canadensis	Eastern Redbud	Seedling: 6"-18" HT.	1	Bare Root	275	275	6.1%
nus taeda	Loblolly Pine	Seedling: 6"-18" HT.	1	Bare Root	453	453	10.0%
quidambar styraciflua	Sweetgum	Seedling: 6"-18" HT.	1	Bare Root	950	†	21.0%
atanus occidentalis	American Sycamore	Seedling: 6"-18" HT.	1	Bare Root	950		21.0%
uercus phellos	Willow Oak	Seedling: 6"-18" HT.	1	Bare Root	950		21.0%
	William Gaix		<u> </u>	Dai o ricot	Reforestation		21.070
					Units Provided	4,528	
					Total		
					Reforestation Units Regulred	4.528	
		<b>.</b>			1		
					Excess	0	
FEORESTATION / REF	ORESTATION AREA #3 /S	SECTION 6)					Unland Plantings
	ORESTATION AREA #3 (S	SECTION 6)	Planting Sto	ck	Excess Acreage	7.40	Upland Plantings
	ecles		Planting Sto	vii zaci		7.40 Reforestation	Percent of
Šį Botanical Name	common Name	Size	Credits/Unit	Туре	Acreage Quantity	7.40 Reforestation Credits	Percent of Stocking
Sp Botanical Name cer rubrum	Common Name Red Maple	Size Seedling: 6"-18" HT.	Credits/Unit	Type Bare Root	Acreage Quantity 1,200	7.40 Reforestation Credits 1,200	Percent of Stocking 20.3%
Sp Botanical Name cer rubrum ercis canadensis	Common Name  Red Maple  Eastern Redbud	Size Seedling: 6"-18" HT. Seedling: 6"-18" HT.	Credits/Unit	Type  Bare Root  Bare Root	Acreage Quantity 1,200 530	7.40 Reforestation Credits 1,200 530	Percent of Stocking 20.3%
Sp Botanical Name cer rubrum ercis canadensis inus taeda	Common Name  Red Maple  Eastern Redbud  Loblolly Pine	Size Seedling: 6"-18" HT. Seedling: 6"-18" HT. Seedling: 6"-18" HT.	Credits/Unit 1 1 1	Bare Root Bare Root Bare Root	Acreage Quantity 1,200 530 590	7.40 Reforestation Credits 1,200 530 590	Percent of
Sp Botanical Name cer rubrum ercis canadensis nus taeda quidambar styraciflua	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum	Seedling: 6"-18" HT. Seedling: 6"-18" HT. Seedling: 6"-18" HT. Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  Quantify  1,200  530  590  1,200	7.40  Reforestation  Credits  1,200  530  590  1,200	Percent of Stocking 20.3% 9.0% 10.0% 20.3%
Botanical Name cer rubrum ercis canadensis inus taeda quidambar styraciflua	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  Quantity  1,200  530  590  1,200  1,200	7.40  Reforestation  Credits  1,200  530  590  1,200  1,200	Percent of
Sp Botanical Name cer rubrum ercis canadensis nus taeda quidambar styraciflua atanus occidentalis	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum	Seedling: 6"-18" HT. Seedling: 6"-18" HT. Seedling: 6"-18" HT. Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200	7.40  Reforestation  Credits  1,200  530  590  1,200  1,200	Percent of Stocking 20.3% 9.0% 10.0% 20.3%
Sp Botanical Name cer rubrum ercis canadensis inus taeda quidambar styraciflua latanus occidentalis	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  Quantity  1,200  530  590  1,200  1,200	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200	Percent of
Sp Botanical Name cer rubrum ercis canadensis inus taeda quidambar styraciflua latanus occidentalis	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200	Percent of
Botanical Name cer rubrum ercis canadensis nus taeda quidambar styraciflua atanus occidentalis	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation	7.40  Reforestation  Credits  1,200  530  590  1,200  1,200  1,200  5,920	Percent of Stocking 20.3% 9.0% 10.0% 20.3% 20.3%
Botanical Name cer rubrum ercis canadensis nus taeda quidambar styraciflua atanus occidentalis	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required	7,40  Reforestation  Credits  1,200  530  590  1,200  1,200  1,200  5,920	Percent of Stocking 20.3% 9.0% 10.0% 20.3% 20.3%
Sp Botanical Name cer rubrum ercis canadensis nus taeda quidambar styraciflua atanus occidentalis	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation	7,40  Reforestation  Credits  1,200  530  590  1,200  1,200  1,200  5,920	Percent of
Botanical Name cer rubrum ercis canadensis inus taeda quidambar styraciflua latanus occidentalis uercus phelfos	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1	Bare Root Bare Root Bare Root Bare Root Bare Root Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required	7,40  Reforestation  Credits  1,200  530  590  1,200  1,200  1,200  5,920	Percent of
Botanical Name cer rubrum ercis canadensis finus taeda iquidambar styraciflua elatanus occidentalis fuercus phellos	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak	Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess	7,40  Reforestation  Credits  1,200  530  590  1,200  1,200  1,200  5,920  5,920  0	Percent of
Special Name  cer rubrum  ercis canadensis  inus taeda  iquidambar styraciflua  latanus occidentalis  uercus phellos  OTES:  The following (lowlan	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak	Size  Seedling: 6"-18" HT.  d in the floodplain: Red Map	Credits/Unit  1  1  1  1  1  1  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum ercis canadensis inus taeda iquidambar styraciflua latanus occidentalis uercus phellos  OTES: The following (lowlantis)	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  ad) species may be planted to (or 400 caliper inches) processes.	Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum ercis canadensis inus taeda iquidambar styraciflua latanus occidentalis uercus phellos  OTES: The following (lowlantis)	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  ad) species may be planted to (or 400 caliper inches) processes.	Size  Seedling: 6"-18" HT.  d in the floodplain: Red Map	Credits/Unit  1  1  1  1  1  1  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of
Botanical Name cer rubrum ercis canadensis inus taeda quidambar styraciflua latanus occidentalis uercus phellos  OTES: The following (lowlan	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  ad) species may be planted to (or 400 caliper inches) processes.	Size  Seedling: 6"-18" HT.  d in the floodplain: Red Map	Credits/Unit  1  1  1  1  1  1  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum ercis canadensis mus taeda quidambar styraciflua atanus occidentalis uercus phelios  OTES: The following (lowlan 800 reforestation unit	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  ad) species may be planted is (or 400 caliper inches) pon 11/22/2011.	Size  Seedling: 6"-18" HT.  Od in the floodplain: Red Mapper acre rather than 1,000 un	Credits/Unit  1  1  1  1  1  1  1  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum crcis canadensis nus taeda quidambar styraciflua atanus occidentalis uercus phelios  OTES: The following (towlan 800 reforestation unit	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  ad) species may be planted is (or 400 caliper inches) pon 11/22/2011.	Size  Seedling: 6"-18" HT.  d in the floodplain: Red Map	Credits/Unit  1  1  1  1  1  1  1  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess can Sycamore, and ted by Pat Vance	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of
Botanical Name cer rubrum crcis canadensis nus taeda quidambar styraciflua atanus occidentalis uercus phellos  OTES: The following (towlan 800 reforestation unit	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  ad) species may be planted is (or 400 caliper inches) pon 11/22/2011.	Size  Seedling: 6"-18" HT.  Od in the floodplain: Red Mapper acre rather than 1,000 un	Credits/Unit  1  1  1  1  1  1  1  1  1  1  1  1  1	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of
Botanical Name cer rubrum crois canadensis nus taeda quidambar styraciflua catanus occidentalis dercus phellos  OTES: The following (lowlan eeting with Dewberry of	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  ad) species may be planted to (or 400 caliper inches) pon 11/22/2011.	Size Seedling: 6"-18" HT.  Seedling: 6"-18" HT.  Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1  CTION 6	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess can Sycamore, and ted by Pat Vance	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum crcis canadensis mus taeda quidambar styraciflua atanus occidentalis uercus phelios  OTES: The following (towlant eeting with Dewberry of	Common Name  Red Maple  Eastern Redbud Lobfolly Pine Sweetgum American Sycamore Willow Oak  ad) species may be planted to (or 400 caliper inches) pon 11/22/2011.  PLANT  Common Name	Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1  CTION 6  Type	Bare Root Countity	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess can Sycamore, and ted by Pat Vance	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum carcis canadensis nus taeda quidambar styraciflua catanus occidentalis uercus phellos  OTES: The following (lowlan eeting with Dewberry of	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  Ind) species may be planted at (or 400 caliper inches) pon 11/22/2011.  PLANT  Red Maple  Eastern Redbud	Seedling: 6"-18" HT.	CTION 6  Type  Bare Root  Bare Root	Bare Root  Bare Root  Cuantity 2,920	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess can Sycamore, and ted by Pat Vance  %Stocking 20.6% 7.8%	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum crcis canadensis nus taeda quidambar styraciflua atanus occidentalis uercus phellos  OTES: The following (towlan 800 reforestation university with Dewberry of the company of t	Common Name  Red Maple  Eastern Redbud Loblolly Pine Sweetgum American Sycamore Willow Oak  Id) species may be planted is (or 400 caliper inches) pon 11/22/2011.  PLANT  Common Name Red Maple Eastern Redbud Sweetgum	Size Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1  1  1  The symmetry of the state of the	Bare Root  Bare Root  Countity 2,920 1,115 2,920	Acreage  1,200 530 590 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess can Sycamore, and ted by Pat Vance  20.6% 7.8% 20.6%	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum crois canadensis cus taeda quidambar styraciflua catanus occidentalis cercus phellos  OTES: The following (lowlant ceting with Dewberry of cer rubrum corcis canadensis quidambar styraciflua chus taeda	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  And) species may be planted to constant the constant to the co	Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1  1  Sweetgum, Lob its per acre has be its per acre has be ETION 6  Type  Bare Root  Bare Root  Bare Root  Bare Root  Bare Root	Bare Root	Acreage  1,200 530 590 1,200 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess  can Sycamore, and ted by Pat Vance  4,856 20.6% 7.8% 20.6% 9.9%	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum crcis canadensis nus taeda quidambar styraciflua etanus occidentalis uercus phellos  DTES: The following (lowlant eeting with Dewberry of er rubrum ercis canadensis quidambar styraciflua enus taeda etanus occidentalis	Common Name  Red Maple  Eastern Redbud Loblolly Pine Sweetgum American Sycamore Willow Oak  And Species may be planted to constant the constant of the constan	Size  Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1  1  1  1  Sweetgum, Lob its per acre has be its per acre has be Bare Root	Bare Root  Bare Root  Cuantity 2,920 1,115 2,920 1,413 2,920	Acreage  1,200 530 590 1,200 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess can Sycamore, and ted by Pat Vance  20.6% 7.8% 20.6% 9.9% 20.6%	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of  . Stocking  20.3%  9.0%  10.0%  20.3%  20.3%  20.3%
Botanical Name cer rubrum ercis canadensis inus taeda quidambar styraciflua latanus occidentalis uercus phellos  DTES: The following (lowlant 800 reforestation unit eeting with Dewberry of cer rubrum ercis canadensis quidambar styraciflua inus taeda latanus occidentalis uercus phellos	Common Name  Red Maple  Eastern Redbud  Loblolly Pine  Sweetgum  American Sycamore  Willow Oak  And Species may be planted to continuous for 11/22/2011.  PLANT  Common Name  Red Maple  Eastern Redbud  Sweetgum  Loblolly Pine  American Sycamore  Willow Oak	Size  Seedling: 6"-18" HT.   Credits/Unit  1  1  1  1  1  1  1  1  1  1  Sweetgum, Lob its per acre has be its per acre has be ETION 6  Type  Bare Root	Bare Root  Cuantity 2,920 1,115 2,920 1,413 2,920 2,920	Acreage  1,200 530 590 1,200 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess  can Sycamore, and ted by Pat Vance  20.6% 7.8% 20.6% 9.9% 20.6% 20.6%	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of	
Botanical Name Acer rubrum Percis canadensis Pinus taeda Iquidambar styraciflua Platanus occidentalis Puercus phellos  OTES: The following (lowland in the eting with Dewberry of the property	Common Name  Red Maple  Eastern Redbud Loblolly Pine Sweetgum American Sycamore Willow Oak  And Species may be planted to constant the constant of the constan	Size  Seedling: 6"-18" HT.	Credits/Unit  1  1  1  1  1  1  1  1  1  Sweetgum, Lob its per acre has be its per acre has be Bare Root	Bare Root  Bare Root  Cuantity 2,920 1,115 2,920 1,413 2,920	Acreage  1,200 530 590 1,200 1,200 1,200 1,200 Reforestation Units Provided Total Reforestation Units Required Excess can Sycamore, and ted by Pat Vance  20.6% 7.8% 20.6% 9.9% 20.6%	7.40  Reforestation Credits 1,200 530 590 1,200 1,200 1,200 5,920 5,920 0 d Willow Oak.	Percent of

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

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

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ATTORNEY/CONTACT: MARVA JO CAMP PH: 301-943-0255 ADDITIONAL CONTACT: SEAN F. BRUCE S. F. BRUCE DEVELOPMENT PH: 301-502-0956

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No.	DATE	BY	Description	
REVI	SIONS			
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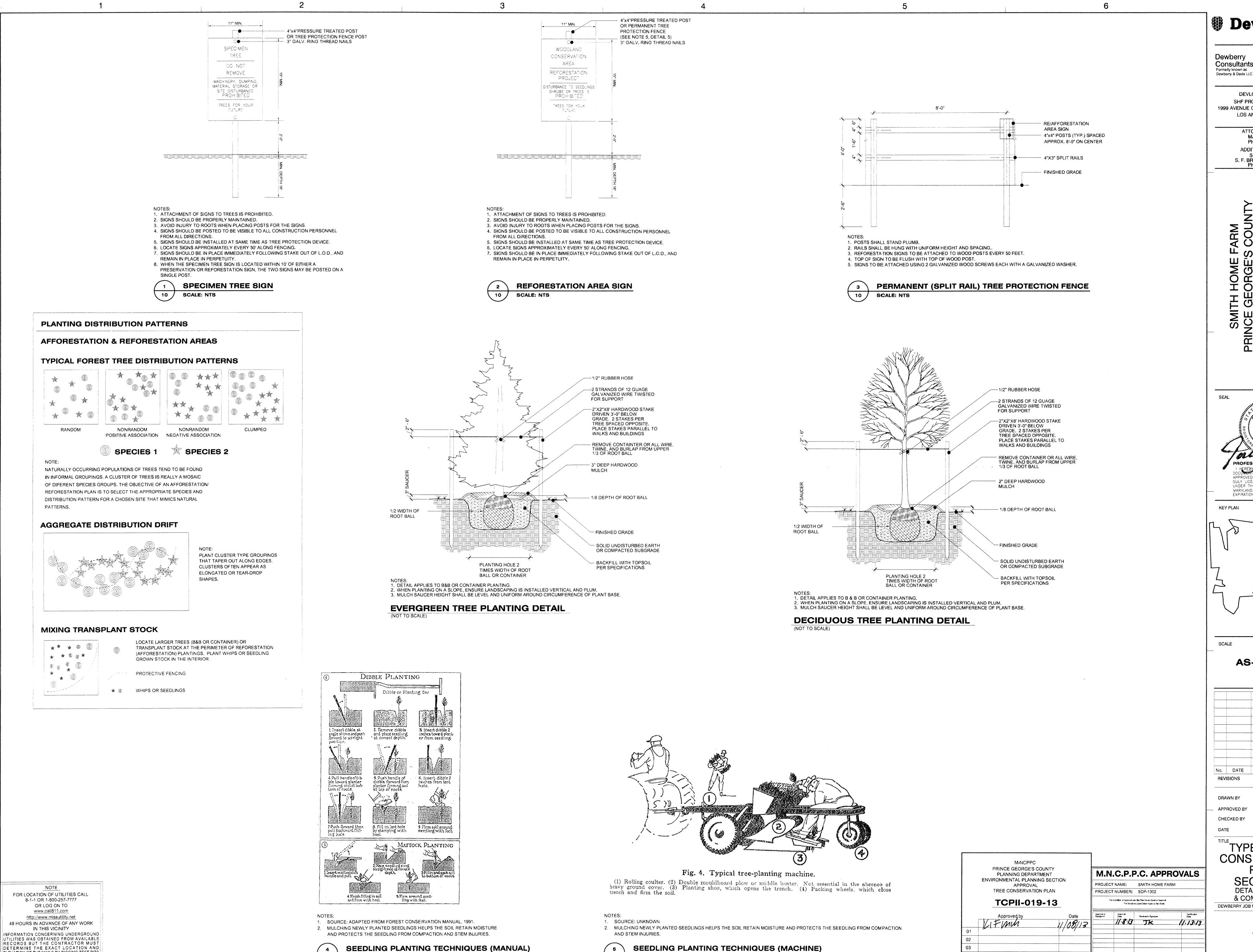
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CONSERVATION PLAN SECTION 6 DETAILS, NOTES, & COMPUTATIONS

9 OF 10

M-NCPPC PRINCE GEORGE'S COUNTY M.N.C.P.P.C. APPROVALS PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION PROJECT NAME: SMITH HOME FARM APPROVAL TREE CONSERVATION PLAN PROJECT NUMBER: SDP-1302 For Conclition of Approval see Sita Plan Cover Sheet or Approval The Raylsions Listed Below Apply to this Sheet TCPII-019-13 DEWBERRY JOB NO. 50038403 Approval or Approval Reviewer's Signature Approved by 11.8.13 JK 11.13.13 SHEET NO.

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 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.



ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION. **│ ∰ Dewberry**®

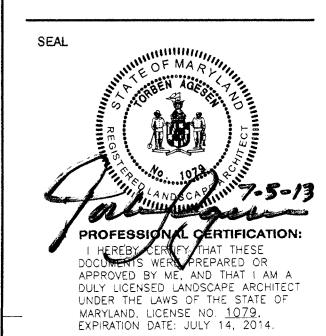
10003 DEREKWOOD LANE Dewberry Consultants LLC LANHAM, MD 20706 Formerly known as 301.731.0188 (FAX)

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

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



**KEY PLAN** 

SCALE

**AS-SHOWN** 

No. DATE BY Description REVISIONS

MAY 2013 DATE TYPE II TREE CONSERVATION

LRB

PLAN SECTION 6 DETAILS, NOTES, & COMPUTATIONS DEWBERRY JOB NO. 50038403

10 OF 10 SHEET NO.