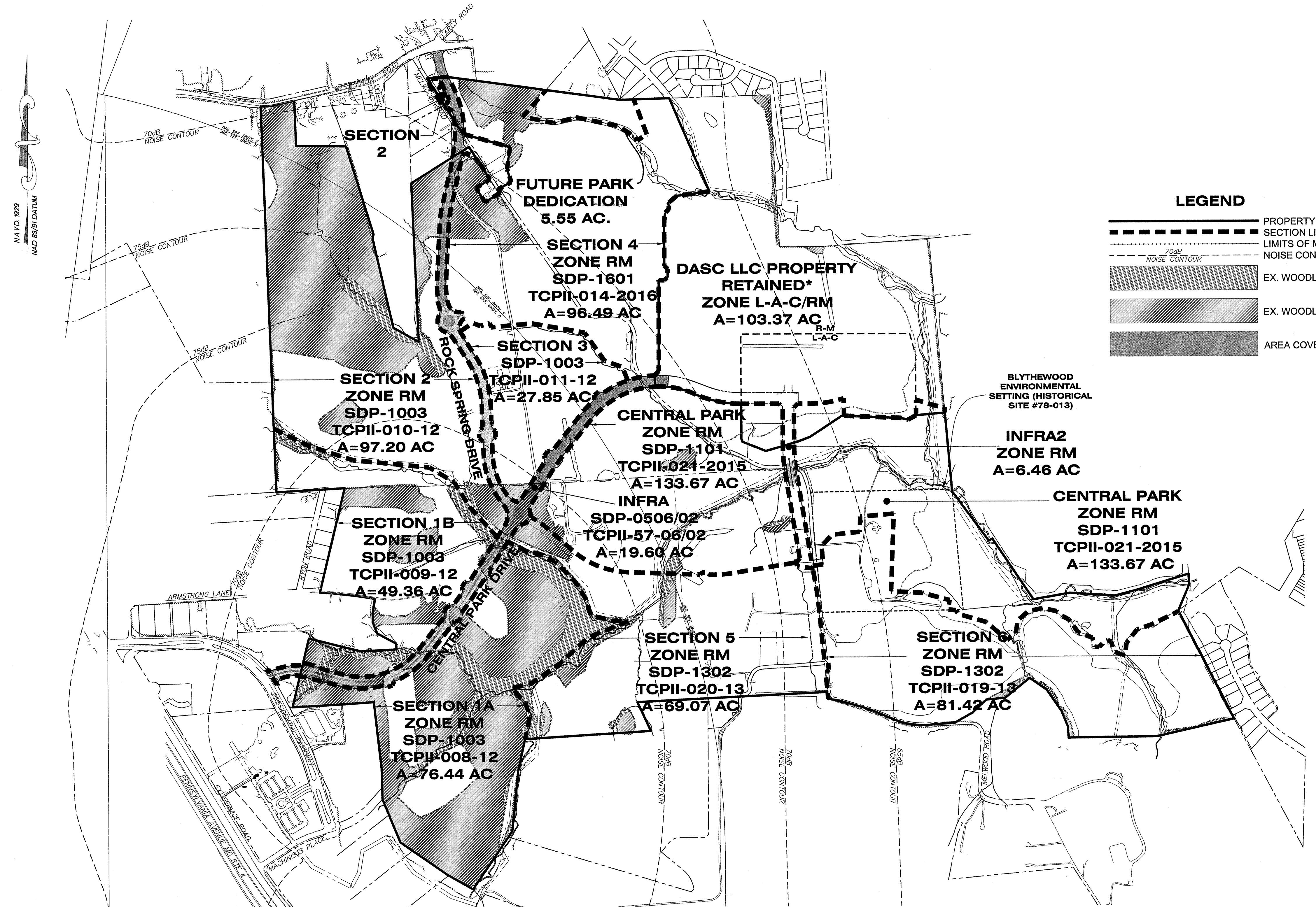
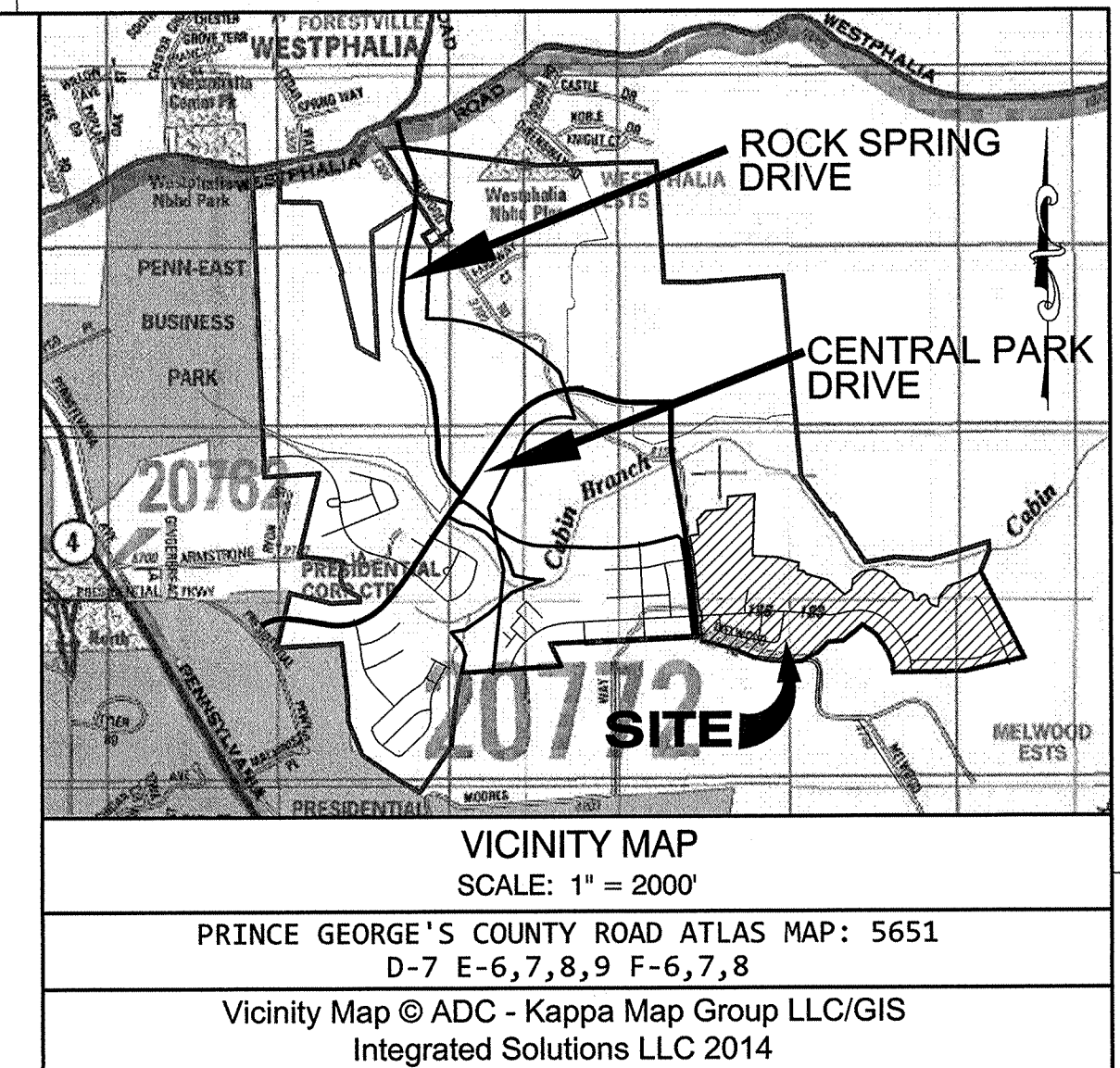


PARKSIDE
(FORMERLY SMITH HOME FARM)
SECTION 6
TYPE II TREE CONSERVATION PLAN



SECTION AND LOCATION PLAN
SCALE: 1"=500'

- LEGEND**
- PROPERTY BOUNDARY
 - SECTION LINE
 - LIMITS OF MARLBORO CLAY
 - NOISE CONTOUR
 - EX. WOODLAND FLOODPLAIN (FP)
 - EX. WOODLAND NET TRACT AREA (NTA)
 - AREA COVERED UNDER TCP2-057-06/02



- SHEET INDEX**
- TYPE II TREE CONSERVATION PLAN COVER SHEET
 - TYPE II TREE CONSERVATION PLAN DETAILS, NOTES, & COMPUTATIONS
 - TYPE II TREE CONSERVATION PLAN SHEET
 - TYPE II TREE CONSERVATION PLAN DETAILS, NOTES, & COMPUTATIONS
- GENERAL NOTES**
- WOODLAND CLEARED WITHIN THE PATUXENT RIVER PRIMARY MANAGEMENT AREA, PRESERVATION AREA SHALL BE MITIGATED ON-SITE AT A RATIO OF 1:1.
 - THE SECTION LINES FOR THE INFRASTRUCTURE ONLY SDP & TCPII ARE 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 IN, IS PROVIDED AS NOTED IN THE NOTES UNDER THE WORKSHEET.
 - RESOURCE DATA TAKEN FROM NRI-006-05 PREPARED BY LOIEDERMAN SOLTESZ ASSOCIATES, INC. AS REVISED 11/14/06 AND NRI-094-06/02 PREPARED BY DEWBERRY AS REVISED 07/26/12.
 - TOPOGRAPHY: VRM (AERIAL PHOTOGRAPHY)
 - WETLANDS: MCCARTHY ASSOCIATES, INC. STUDY DATED 11/2004.
 - FLOODPLAIN: PGDER 200457
 - RTE PRESENCE: NONE PER MD DNR LETTER DATED 11/10/04.
 - SPECIMEN TREES: FIELD OBSERVATION, LSA, INC.
 - BOUNDARY: ALTA PREPARED BY DEWBERRY REVISED JUNE 2011.
 - SOURCE OF NOISE CONTOURS: JOINT BASE ANDREWS NAVAL AIR FACILITY WASHINGTON JOINT LAND USE STUDY DATED DECEMBER 2009 (AIR INSTALLATION COMPATIBLE USE ZONE STUDY DATED DECEMBER 2007).
 - WESTPHALIA ROAD IS A DESIGNATED HISTORIC ROAD.
 - MARLBORO CLAY IS KNOWN TO EXIST ON SITE.

- STANDARD TYPE II TREE CONSERVATION PLAN NOTES**
- THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR SDP-1302-03.
 - CUTTING OR CLEARING OF WOODLAND NOT IN CONFORMANCE WITH THIS PLAN OR WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PLANNING DIRECTOR OR DESIGNEE SHALL BE SUBJECT TO A \$9.00 PER SQUARE FOOT MITIGATION FEE.
 - A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PERMITTING, INSPECTIONS AND ENFORCEMENT (DPIE) SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTRUCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL. THE DEVELOPER OR BUILDER OF THE LOTS OR PARCELS SHOWN ON THIS PLAN SHALL NOTIFY FUTURE BUYERS OF ANY WOODLAND CONSERVATION AREAS THROUGH THE PROVISION OF A COPY OF THIS PLAN AT TIME OF CONTRACT SIGNING. FUTURE PROPERTY OWNERS ARE ALSO SUBJECT TO THIS REQUIREMENT.
 - THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.
 - THE PROPERTY IS WITHIN THE DEVELOPING TIER AND IS ZONED R-M AND L-A-C.
 - THE PROPERTY IS ADJACENT TO MELWOOD ROAD AND WESTPHALIA ROAD WHICH ARE DESIGNATED HISTORIC ROADWAYS.
 - THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
 - THIS PLAN IS GRANDFATHERED UNDER CB-27-2010, SECTION 25-119(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 34843 FOLIO 585. REVISIONS TO THIS TCP2 MAY REQUIRE A REVISION TO THE RECORDED EASEMENT PRIOR TO SIGNATURE APPROVAL OF THIS TCP2.
- *ADDITIONAL NOTES* AS REQUIRED INCLUDED ON SHEET 2.

WOODLAND AREA SUMMARY TABLE

WOODLAND CLEARED (C-NTA) [60]			WOODLAND CLEARED OFFSITE AREA (C-OS) &/OR PMA [61]			WOODLAND PRESERVATION AREAS (WPA) [62]			WOODLAND RETAINED- NOT CREDITED (WR-NC) [63]		
LABEL	SECTION	AREA	LABEL	SECTION	AREA	LABEL	SECTION	AREA	LABEL	SECTION	AREA
60	6	0.15	61	6 (C-PMA)	0.05	A	6	0.23	a	6	0.22
			62	6 (C-OS)	0.41	B	6	0.36			
TOTAL		0.15	TOTAL		0.46	C	6	0.03	TOTAL		0.22
						TOTAL		0.62			

WOODLAND CONSERVATION SUMMARY TABLE

Section	Gross Tract Area	100-Yr Floodplain (FP)	Net Tract Area (NTA)	Ex. Woodland (NTA)	Ex. Woodland (FP)	Woodland Cleared Net-Tract (C-NTA)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Off-Site (C-OS)	Woodland Cleared PMA (C-PMA)	Woodland Preserv. Area (WPA)	Woodland Reforest. Area (WRA)	Woodland Retained/ Not Credited (WR-NC)	Woodland Retained/ Assumed (WR-AC)	Woodland Retained/ Cleared (WR-AC)
6	81.42	1.03	80.39	0.82	0.22	0.15	0.00	0.41	0.05	0.62	19.48 *	0.22	0.00	0.00

*7.74 ACRES PROPOSED FOR AFFORESTATION IN THIS SECTION IS SHOWN UNDER SECTIONS 2 & 3 ON THE OVERALL WORKSHEET.

AFFORESTATION AREA SUMMARY TABLE

WOODLAND RE/AFFORESTATION (WRA) (1)				
LABEL	SECTION	AREA	BONDING AMOUNT	PERMIT NUMBER
1*	6	2.51		
2*	6	1.62	\$372,176.64	37047-2012-00
3*	6	2.61		
4	6	0.55		
5	6	0.88		
6	6	0.98		
7	6	1.66		
8	6	3.12		
9	6	1.59		
10	6	0.31		
11	6	0.20		
12	6	0.44		
13	6	1.00		
W1	6	0.10		
W2	6	0.16		
W3	6	0.40		
W4	6	0.85		
TOTAL		18.48		

*AREAS 1-3 HAVE ALREADY BEEN PLANTED FOR THE BENEFIT OF SECTION 2, TCPII-010-12 AND SECTION 3, TCPII-011-12, AND PLANTED BETWEEN NOVEMBER 2013 - APRIL 2014.

**AREAS W1-W4 ARE TO BE PLANTED FOR THE BENEFIT OF SECTION 1B, TCPII-009-12 PER CONDITION 2(A) OF SDP-1003/15 PCOPB RESOLUTION 19-62 AND ARE LISTED IN THE OVERALL CONSERVATION WORKSHEET AS OFF-SITE MITIGATION PROVIDED ON THIS PROPERTY.

WOODLAND CONSERVATION EASEMENT NOTE:
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 34843 FOLIO 585. REVISIONS TO THIS TCP2 MAY REQUIRE A REVISION TO THE RECORDED EASEMENT.

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

PROPERTY OWNERS AWARENESS CERTIFICATE			
I/WE	SHF PROJECT OWNER LLC	HEREBY ACKNOWLEDGE THAT WE ARE AWARE OF THIS TYPE 2 TREE CONSERVATION PLAN (TCP2) AND THAT WE UNDERSTAND THE REQUIREMENTS AS SET FORTH IN THIS TCP2.	
OWNER OR OWNERS REPRESENTATIVE	BASIM KATTAN, DEVELOPMENT MANAGER		DATE 07/7/2018

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-019-13			
Approved by	Date	DRD#	Reason for Revision
00 K. FINCH	11/08/13	SDP-1302	
01 K. FINCH	3/09/17	SDP-1302-01	ADDED PONDS
02 K. FINCH	6/13/18	SDP-1302-02	ADDED ROUGH SLANDS
03 K. FINCH	8/28/19	SDP-1302-03	ADDED SECTION 5 & 6
04 K. FINCH	11/08/2019	SDP-1302-04	ADDED UNPLANTED WOODLAND (ROAD TO SECTION 5)

Dewberry

Dewberry Engineers Inc.
4801 FORBES BLVD
LANHAM, MD 20706
301.721.2599
301.731.0185 (FAX)
www.dewberry.com

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

ATTORNEY/CONTACT:
ROBERT ANTONETTI, JR.
PH: 301-925-1800

ADDITIONAL CONTACT:
BASIM KATTAN
PH: 202-342-1933

PARKSIDE
(FORMERLY SMITH HOME FARM)
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 80, 91 - GRID: MULTIPLE
ADJUSTED PARCEL: 1 PARCELS III, IV, VI, VII, VIII, & IX
200 MAP REFERENCE: 205E08-09, 205E09-09, 207SE08

SEAL

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10292, EXPIRATION DATE: JULY 14, 2020.

KEY PLAN

SCALE

AS-SHOWN

REVISIONS

DRAWN BY JCT

APPROVED BY TA

CHECKED BY RAL

DATE MAY 2016

TITLE

TYPE II TREE CONSERVATION PLAN
SECTION 6
COVER SHEET

DEWBERRY JOB NO. 50038403

1

SHEET NO. 1 OF 16

OVERALL PHASED WOODLAND CONSERVATION WORKSHEET

Woodland Conservation Worksheet for Prince George's County, Maryland

Zone: R-M L-A-C
Gross Tract: 730.48 30.48
Floorplan: 12.54 0.11
Previously Dedicated Land: 0.00 0.00
Net Tract (NTA): 617.94 30.34 0.00

Property Description or Subdivision Name: PARKSIDE (FORMERLY SMITH HOME FARM)
Is this site subject to the 1989 Ordinance? N
Break-even Point (preservation acres) = 137.33
Acres of Net Tract clearing permitted w/o refore: 0.00

Woodland Conservation Requirement Calculations:
Existing Woodland on Net Tract (acres) 137.33
Existing Woodland in Floodplain (acres) 28.18
Woodland Conservation Threshold (NTA)* = 24.53% 159.04
Smaller of a or c 137.33
Woodland above WCT 0.00
SDP# SDP-0508 SDP-1003 SDP-1003 SDP-1003 SDP-1003 SDP-1601 SDP-1302 SDP-1302 SDP-1101
Rev# 2 15 14 6 2 4 4 0
Approval Date 3/29/2012 8/23/2013 7/28/2018 11/7/2017 7/21/2015 5/16/2019 Pending Pending 5/16/2016
Certification Status/Date 7/17/2012 11/12/2013 3/22/2019 11/8/2017 9/6/2015 9/18/2019 Pending Pending 2/21/2017
TCP2 # 2-057-06 2-008-12 2-008-12 2-010-12 2-011-12 2-014-2016 2-020-13 2-019-13 2-021-2015
Rev# 2 1 2 3 2 2 4 4 0
Approval Date 7/13/2012 11/7/2013 7/28/2018 11/8/2017 7/21/2015 5/16/2019 Pending Pending 5/16/2016
Certification Status/Date 7/17/2012 11/12/2013 4/8/2019 11/8/2017 8/20/2015 7/30/2019 Pending Pending 2/21/2017

Permit Status
Plan Number (This must be completed for each section) TCPIL-87-06 TCPIL-08-12 TCPIL-09-12 TCPIL-10-12 TCPIL-11-12 TCPIL-11-12 TCPIL-014-2016 TCPIL-020-13 TCPIL-019-13 TCPIL-021-2015
Plan Section or Name: INFRA 1 SEC 1A SEC 1B SEC 2 SEC 3 SEC 4 SEC 5 SEC 6 SEC 8 PARK RETAINED
Total area in this application (acres) 19.00 78.44 49.36 97.20 27.85 6.46 96.49 69.07 87.42 133.67 103.37 760.93
Floorplan area in this application (acres) 1.13 14.28 7.75 8.49 0.00 0.99 2.49 12.83 1.03 55.82 7.96 112.65
Net Tract area in the application (acres) 18.47 62.18 41.61 88.71 27.85 5.47 94.00 56.24 80.39 77.85 95.51 648.28
Woodland on the Net Tract for this section (acres) 5.76 47.17 10.37 52.51 0.83 0.00 12.05 4.67 0.82 2.36 1.09 137.33
Woodland in the Floodplain for this section 0.82 13.04 3.90 5.52 0.00 0.00 0.00 3.53 0.22 0.49 0.56 28.18
Woodland Cleared on Net Tract for this section 5.04 37.60 8.72 43.34 0.53 0.00 5.50 1.81 0.15 1.31 0.20 104.20
Woodland Cleared in Floodplain for this section 0.82 2.15 0.67 0.19 0.00 0.00 0.00 1.05 0.00 0.00 0.10 0.04 5.02
Woodland Cleared in the PMA² 0.72 0.79 0.49 1.38 0.00 0.00 0.00 0.04 0.04 0.05 0.00 0.00 3.46
Off-site Woodland Clearing (1:1) 2.49 0.46 0.00 0.00 0.00 0.00 0.00 0.18 0.41 0.00 0.00 0.00 3.54
Off-site Mitigation provided on this property 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Cumulative acres of Net Tract Woodland cleared 5.04 42.64 51.36 94.70 95.23 100.73 102.54 102.69 104.00 104.20
Cumulative acres of PMA Woodland Cleared 0.72 1.51 1.34 3.37 3.37 3.37 3.37 3.41 3.46 3.46 3.46
Cumulative acres of Floodplain Woodland cleared 0.82 2.97 3.64 3.83 3.83 3.83 3.83 4.88 4.88 4.98 5.02
Smaller of d or e 5.04 42.64 51.36 94.70 95.23 100.73 102.54 102.69 104.00 104.20
Woodland Clearing below WCT 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Replacement for clearing above the WCT (0.25 : 1) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Replacement for clearing below the WCT (2 : 1) 10.08 85.28 102.72 189.40 190.46 190.46 201.46 205.08 205.38 208.00 208.40
Afforestation Threshold (AFT) = 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Cumulative Woodland Conservation Required 146.40 187.40 196.62 242.18 242.71 242.71 248.21 251.29 251.90 252.31 253.55

Woodland Conservation Provided:
Preservation 0.00 8.68 1.16 7.79 0.00 0.00 6.07 2.82 0.62 1.01 0.89 29.04
Afforestation/Reforestation 0.00 6.10 9.00 12.52 4.17 0.00 16.35 7.78 10.73 30.59 10.13 167.97
Natural Regeneration 0.00 10.24 11.15 6.81 0.00 0.00 0.00 0.00 0.00 0.00 0.00 28.00
Area approved for fee-in-lieu 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Credit for Off-site Mitigation on another property 0.00 16.48 0.00 9.74 0.00 0.00 0.00 26.58 32.60 0.00 3.54 86.94
Off-site Mitigation Preservation provided on this property 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Off-site Mitigation Afforestation provided on this property 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Total Woodland Conservation Provided 0.00 31.26 51.66 92.86 103.64 103.64 126.26 163.44 208.40 240.00 254.56 254.56

Woodland saved on this phase but not counted 0.00 0.10 0.01 0.00 0.00 0.00 0.48 0.00 -1.01 0.04 0.00 -0.38
Existing Net Tract Woodland in later section 131.57 84.40 74.68 21.52 20.99 20.99 8.94 4.27 4.46 2.10 1.01
Revised 8/30/11 -14.83 -71.84 -70.39 -127.91 -118.19 -118.19 -113.60 -84.17 -38.82 -10.83 0.00

Woodland Conservation Requirement This Section 14.83 88.17 18.94 98.72 1.06 0.00 17.55 7.75 0.42 3.77 1.33 252.54
Woodland Conservation Provided This Section 0.00 31.26 20.40 41.20 10.76 0.00 22.62 37.18 44.96 31.60 14.56 254.56
Woodland Conservation Shortage/Surplus This Section -14.83 -56.91 1.46 -57.52 9.72 0.00 5.07 29.43 44.54 27.83 13.23 2.02

NOTES: 1. PER CONDITION 1.a. 1 OF COUNTY COUNCIL ORDER CDP-0501, R-M IS TO HAVE 25% THRESHOLD.
2. PER CONDITION 1.a. 2 OF COUNTY COUNCIL ORDER CDP-0501, CLEARING IN THE PMA IS TO BE MITIGATED AT 1:1.
3. "Afforestation Located in Future Section" listed for Section 1B is located in Section 5 and for Sections 2 & 3, located in Section 6 and the Central Park.
4. PER THE FINAL DECISION OF THE DISTRICT COUNCIL ON A-9965-C AND A-9966-C, THE WOODLAND CONSERVATION THRESHOLD FOR THE PARKSIDE (FORMERLY SMITH HOME FARM) DEVELOPMENT SHALL BE MET ON-SITE.

Prepared by: Torben Aagesen
License Number: 1079 Signature: 10-24-2019 Date

WORKSHEET NOTES:

- THE LOCATION OF OFF-SITE WOODLAND CONSERVATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PRIORITIES LISTED IN SECTION 24-122(a)(6) OF THE SUBDIVISION REGULATIONS: WITHIN THE SAME EIGHT-DIGIT SUB-WATERSHED (CABIN BRANCH), WITHIN THE SAME WATERSHED (WESTERN BRANCH), WITHIN THE SAME RIVER BASIN (PATUXENT), WITHIN THE SAME GROWTH POLICY TIER (DEVELOPING), OR WITHIN PRINCE GEORGE'S COUNTY. THE APPLICANT SHALL DEMONSTRATE TO THE PLANNING DIRECTOR OR ITS DESIGNEE DUE DILIGENCE IN SEEKING OUT APPROPRIATE LOCATION OPPORTUNITIES FOR OFF-SITE WOODLAND.

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

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

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

TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

- THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE PLANT SPECIES FROM ANY WOODLAND PRESERVATION AREA SHALL BE DONE WITH THE USE OF HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAIN SAW). THESE PLANTS MAY BE CUT NEAR THE GROUND AND MATERIAL LESS THAN TWO INCHES DIAMETER MAY BE REMOVED FROM THE AREA AND DISPOSED OF APPROPRIATELY. ALL MATERIAL FROM THESE NOXIOUS, INVASIVE, AND NON-NATIVE PLANTS GREATER THAN TWO (2) INCHES DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION.
- THE USE OF BROADCAST SPRAYING OF HERBICIDES IS NOT PERMITTED. HOWEVER, THE USE OF HERBICIDES TO DISCOURAGE RE-SPROUTING OF INVASIVE, NOXIOUS, OR NON-NATIVE PLANTS IS PERMITTED IF DONE AS AN APPLICATION OF THE CHEMICAL DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDES SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS.
- THE USE OF CHAINSAWS IS EXTREMELY DANGEROUS AND SHOULD NOT BE CONDUCTED WITH POORLY MAINTAINED EQUIPMENT, WITHOUT SAFETY EQUIPMENT, OR BY INDIVIDUALS NOT TRAINED IN THE USE OF THIS EQUIPMENT FOR THE PRUNING AND/OR CUTTING OF TREES.

INDIVIDUAL WOODLAND CONSERVATION WORKSHEET

Individual TCPIL Worksheet for Phased Projects
Woodland Conservation Worksheet
for Prince George's County

Zone: R-M
Gross Tract: 81.42
Floorplan: 1.03
Previously Dedicated Land: 0.00
Net Tract (NTA): 80.39
Property Description or Subdivision Name: TCPIL-019-13 Parkside Section 6
Owner: SHF Project Owner, LLC
Address: 1999 Avenue of the Stars Los Angeles, CA 90067
Phone: 310.824.2200
TCP# Number: TCP#3805

Woodland Conservation Calculations:
Net Tract (acres) 80.39
Floorplan (acres) 1.03
Off-site (acres) 0.00
Acreage of Existing Woodland 0.82
Woodland Conservation Required for this Phase 44.96
Area of Woodland Cleared per TCPIL 98.47
Area of Woodland Cleared per TCPIL 0.20
Area of Woodland above WCT that was not cleared by TCPIL 0.00
Additional Woodland Cleared by TCPIL 0.00
Does the TCPIL show 2:1 replacement Y
Clearing above WCT 0.00 Additional 1/4:1 Replacement required = 0.00
Clearing below WCT 0.00 Additional 2:1 Replacement required = 0.00
Total Woodland Conservation Required for this Section: 44.96

Woodland Conservation Provided:
Woodland Preservation 0.62
Afforestation / Reforestation* 10.73
Natural Regeneration 97.42
Area approved for fee-in-lieu in a Priority Funding Area 0.00
Area approved for fee-in-lieu in a non-Priority Funding Area 0.00
Credits Received for Off-site Mitigation on another property 32.60
Off-site Mitigation provided on this property 1.01
Total Woodland Conservation Provided 44.96

Area of net tract woodland not cleared 0.62 acres
Woodland retained not part of requirements: 0.00 acres

* See Note 3. Under Phased Woodland Conservation Worksheet

Prepared by: Torben Aagesen
Address: 4601 Forbes Blvd., Suite 300
Lanham, MD 20706
301.384.1894
Phone: Licensed Landscape Architect
License:

PLANTING SPECIFICATION NOTES

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

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

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

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

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

OFF-SITE WOODLAND CONSERVATION NOTE:

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

- 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.
- ALL TEMPORARY TREE PROTECTION FENCING REQUIRED BY THIS PLAN SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE BOND IS RELEASED FOR THE PROJECT. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE DEVICES IS A VIOLATION OF THIS TCP2.
- WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TPf INSTALLATION. THESE SIGNS MUST REMAIN IN PERPETUITY.

REMOVAL OF HAZARDOUS TREES OR LIMBS BY DEVELOPERS OR BUILDERS

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

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

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

TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TCP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.

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

AFFORESTATION AND REFORESTATION NOTES

- ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FOOTAGE, SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF ANY PERMITS. THESE BONDS SHALL BE SURETY UNTIL ALL REQUIRED ACTIVITIES HAVE BEEN SATISFIED OR THE REQUIRED TIMEFRAME FOR MAINTENANCE HAS PASSED WHICHEVER IS LONGER.
- 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 SCHEDULE IS PROVIDED.
- IF PLANTING CANNOT OCCUR DUE TO PLANTING CONDITIONS, THE DEVELOPER OR PROPERTY OWNER SHALL INSTALL THE FENCING AND SIGNAGE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN. PLANTING SHALL THEN BE ACCOMPLISHED DURING THE NEXT PLANTING SEASON. IF PLANTING IS DELAYED BEYOND THE TRANSFER OF THE PROPERTY TITLE TO THE HOMEOWNER, THE DEVELOPER OR BUILDER SHALL OBTAIN A SIGNED STATEMENT FROM THE PURCHASER INDICATING THAT THEY UNDERSTAND THAT THE REFORESTATION AREA IS LOCATED ON THEIR PROPERTY AND THAT REFORESTATION WILL OCCUR DURING THE NEXT PLANTING SEASON. A COPY OF THAT DOCUMENT SHALL BE PRESENTED TO THE GRADING INSPECTOR AND THE COUNTY.
- REFORESTATION AREAS SHALL NOT BE MOVED. THE MANAGEMENT OF COMPETING VEGETATION AROUND INDIVIDUAL TREES AND THE REMOVAL OF NOXIOUS, INVASIVE, AND NON-NATIVE VEGETATION WITHIN THE REFORESTATION AREAS IS ACCEPTABLE.
- ALL REQUIRED TEMPORARY TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE CLEARING AND GRADING OF THE SITE AND SHALL REMAIN IN PLACE UNTIL THE PERMANENT TREE PROTECTION FENCING IS INSTALLED WITH THE REQUIRED PLANTING. THE TEMPORARY FENCING IS NOT REQUIRED TO BE INSTALLED IF THE PERMANENT FENCING IS INSTALLED PRIOR TO CLEARING AND GRADING OF THE SITE. FAILURE TO INSTALL AND MAINTAIN TEMPORARY OR PERMANENT TREE PROTECTIVE FENCING IS A VIOLATION OF THIS TCP2.
- AFFORESTATION/REFORESTATION AREAS SHALL BE POSTED WITH NOTIFICATION SIGNAGE, AS SHOWN ON THE PLANS, AT THE SAME TIME AS THE PERMANENT PROTECTION FENCING INSTALLATION. THESE SIGNS SHALL REMAIN IN PERPETUITY.
- THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTING ON THIS SITE. AT THE 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.
- 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

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

FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS

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

- YEAR 1: SITE PREPARATION AND TREE PLANTING SURVIVAL CHECK 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.)
- YEAR 2-3: 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.)
- YEAR 4: REINFORCEMENT PLANTING IF NEEDED. (SEE NOTE 2) SURVIVAL CHECK (SEPTEMBER-NOVEMBER)

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

VIRGINIA PINES W/IN 40' LOD NOTE:

- THE SUBJECT PROPERTY CONTAINS VIRGINIA PINES (*Pinus virginiana*) THAT ARE SUBJECT TO WIND THROW. ALL VIRGINIA PINES GREATER THAN 6 INCHES IN DIAMETER WITHIN 40 FEET OF THE FINAL PROPOSED LIMIT OF DISTURBANCE OR THE BOUNDARY OF THE PROPERTY SHALL BE CUT DOWN BY HAND DURING THE CLEARING OF THE SITE.
- AFTER THE VIRGINIA PINES HAVE BEEN REMOVED, THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS 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.

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-019-13			
Approved by	Date	DRD#	Reason for Revision
00 K. FINCH	11/08/13	SDP-1302	
01 K. FINCH	3/09/17	SDP-1302-01	ADDED PONDS
02 K. FINCH	6/13/18	SDP-1302-02	ADDED TIGHT CORNERS
03 K. FINCH	8/26/19	SDP-1302-03	ADDED CORNERS & LAYOUT
04 K. FINCH	11/08/2019	SDP-1302-04	ADDED UNPLANTED PORTION OF WOODLAND TO SECTION 5
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 Prince George's County Land Records at Liber Folio. Revisions to this TCP2 may require a revision to the recorded easement.			



Dewberry Engineers Inc.
4601 FORBES BLVD
SUITE 300
LANHAM, MD 20706
301.731.5651
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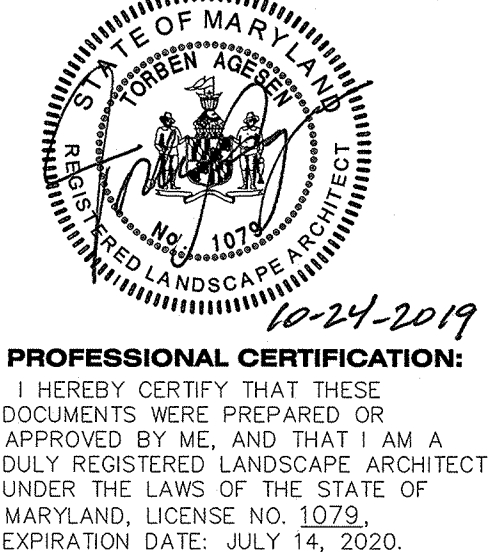
DEVELOPER/APPLICANT
SHF PROJECT OWNER, LLC
1999 AVENUE OF THE STARS, SUITE 2850
LOS ANGELES, CA 90067

ATTORNEY/CONTACT:
ROBERT ANTONETTI, JR.
PH: 301-925-1600

ADDITIONAL CONTACT:
BASIM KATTAN
PH: 202-342-1933

PARKSIDE
(FORMERLY SMITH HOME FARM)
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP: 90.91 - GRID: MULTIPLE
ADJUSTED PARCEL: I, PARCELS III, V, VI, VII, VIII, & IX
200 MAP REFERENCE: 206SE08-09, 206SE09-09, 207SE09

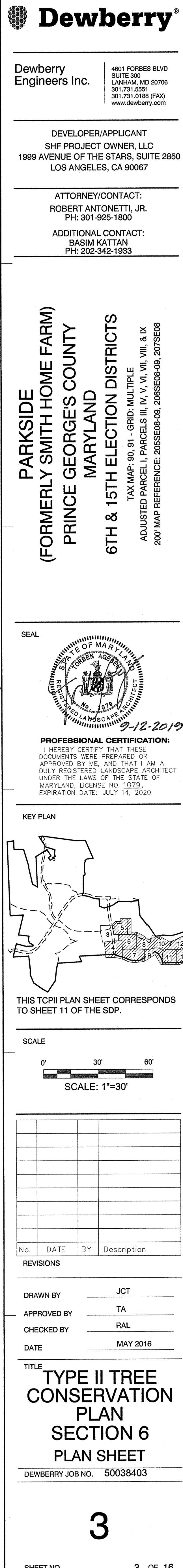
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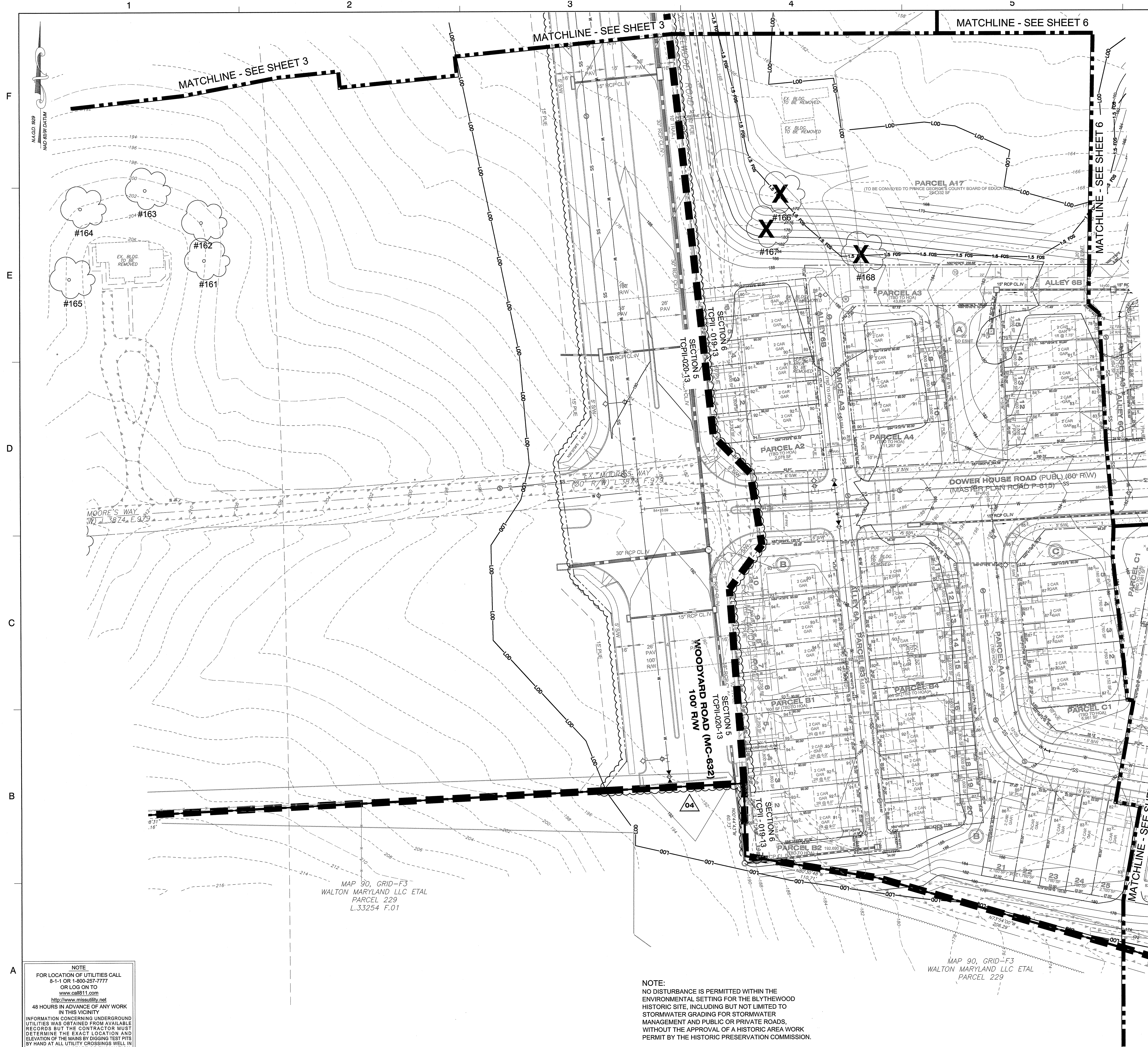


KEY PLAN

SCALE

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LEGEND

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EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING ADJACENT PROPERTY
LIMITS OF MARLBORO CLAY
EXISTING FOREST STAND
EXISTING FLOOD PLAIN
EXISTING FLOOD PLAIN SET BACK
PATUXENT MANAGEMENT AREA
EXISTING STREAM
EXISTING STREAM BUFFER
EXISTING TREE LINE
EXISTING NON-WOODLAND AREA
1.5 SAFETY FACTOR LINE
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
PROPOSED ROAD RIGHT-OF-WAY
PROPOSED PROPERTY LINE
PROPOSED LIMIT OF DISTURBANCE
PROPOSED WATER
PROPOSED SANITARY SEWER

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

CLEARED NET TRACT AREA (C-NTA)
CLEARED FLOODPLAIN AREA (C-FP)
CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
WOODLAND PRESERVATION AREA (WPA)
WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
WOODLAND PRESERVED-NOT CREDITED (WR-NC)
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
WOODLAND AFFORESTATION - PROVIDED PER PGCPB RESOLUTION NO. 18-62, CONDITION 2(A).

FOREST CLEARED
FOREST PRESERVATION
AFFORESTATION / REFORESTATION
SPECIMEN TREE SIGN
WOODLAND PRESERVATION SIGN
AFFORESTATION / REFORESTATION SIGN

TPF TREE PROTECTION FENCE (TEMPORARY)
TREE PROTECTION FENCE (PERMANENT)
RP ROOT PRUNE
SECTION LINE

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

SHEET 4

	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	-	-
WOODLAND CLEARED FLOODPLAIN (C-FP)	-	-
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	-	-
WOODLAND RETAINED-NOT CREDITED (WR-NC)	-	-
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	-	-

Prince George's County Planning Department, M-NCPPC
Environmental Planning Section
TREE CONSERVATION PLAN APPROVAL
TCP2-019-13

Approved by	Date	DRD#	Reason for Revision
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01 K. FINCH	3/09/17	SDP-1302-01	ADDED PONDS
02 K. FINCH	6/13/18	SDP-1302-02	ADDED ROUGH DRAINAGE
03 K. FINCH	8/26/19	SDP-1302-03	ADDED SECTION 5 & LAYOUT
04 K. FINCH	11/08/2019	SDP-1302-04	ADDED UNPLANTED PORTION OF WOODYARD ROAD TO SECTION 5

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 Prince George's County Land Records at Liber ... Folio ... Revisions to this TCP2 may require a revision to the recorded easement.

Dewberry
Engineers Inc.

4601 FORBES BLVD
SUITE 300
LANHAM, MD 20706
301.731.5551
301.731.0188 (FAX)
www.dewberry.com

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

ATTORNEY/CONTACT:
ROBERT ANTONETTI, JR.
PH: 301-925-1800

ADDITIONAL CONTACT:
BASIM KATTAN
PH: 202-342-1933

PARKSIDE
(FORMERLY SMITH HOME FARM)
PRINCE GEORGE'S COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS
TAX MAP 90, 91 - GRID: MULTIPLE
ADJUSTED PARCELS I, II, III, IV, V, VI, VII, & IX
200' MAP REFERENCE: 2005SE08-09, 2005SE08-09, 2017SE08

SEAL
STATE OF MARYLAND
JULY 12, 2019
2-12-2019
PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10729. EXPIRATION DATE: JULY 14, 2020.

KEY PLAN
THIS TOPIC PLAN SHEET CORRESPONDS TO SHEET 12 OF THE SDP.

SCALE
0' 30' 60'
SCALE: 1"=30'

REVISIONS
No. DATE BY Description

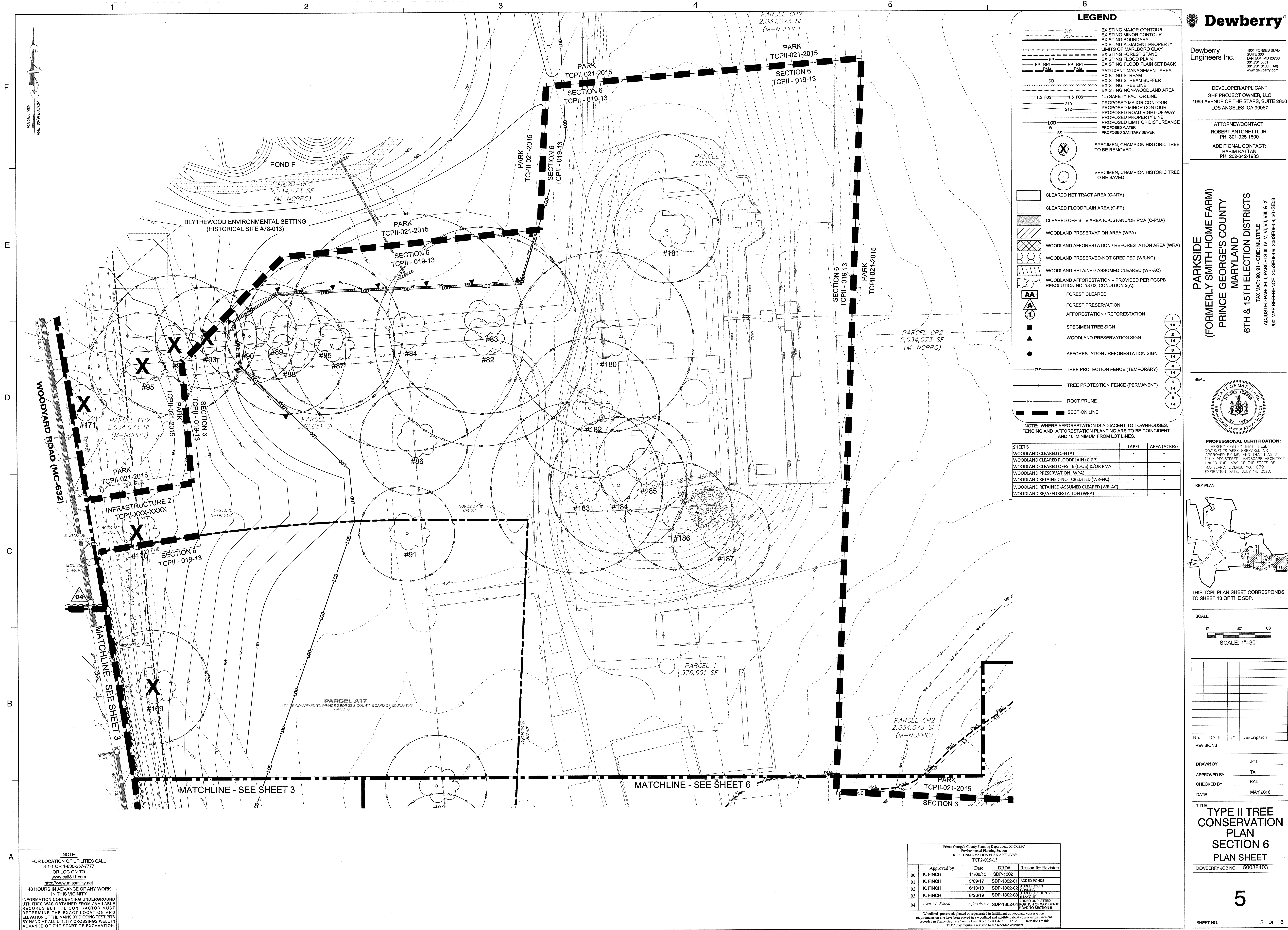
DRAWN BY JCT
APPROVED BY TA
CHECKED BY RAL
DATE MAY 2016

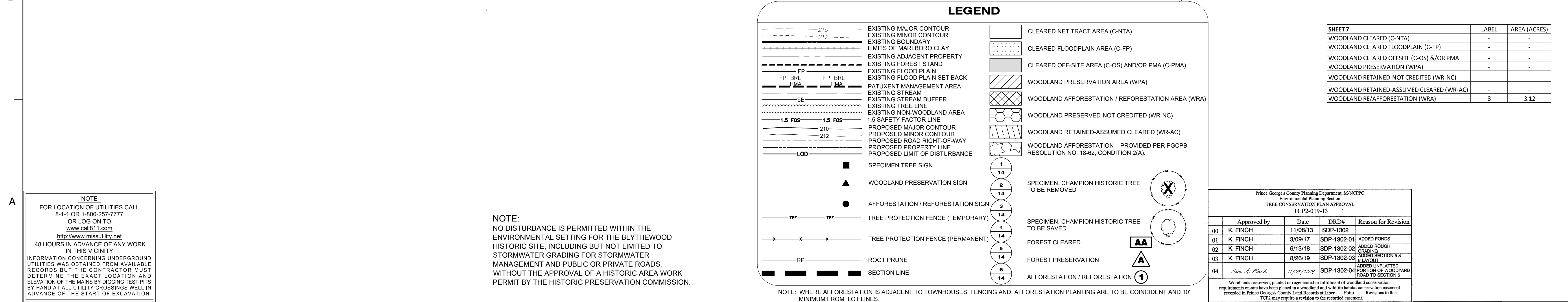
TITLE
TYPE II TREE CONSERVATION PLAN SECTION 6 PLAN SHEET
DEWBERRY JOB NO. 50038403

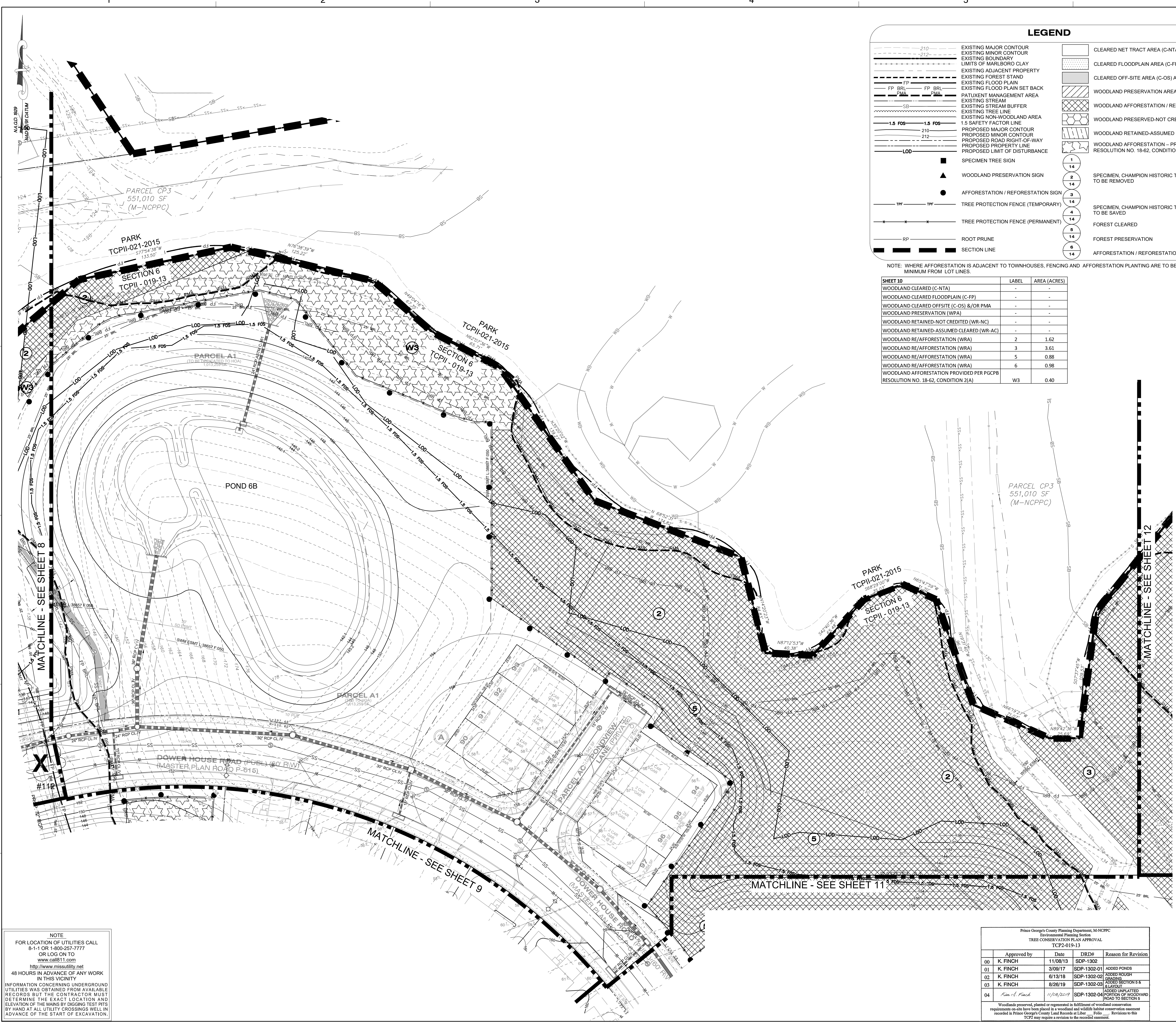
SHEET NO. 4 OF 16

NOTE
FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-287-7777 OR LOG ON TO www.call811.com http://www.missutility.net 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

NOTE:
NO DISTURBANCE IS PERMITTED WITHIN THE ENVIRONMENTAL SETTING FOR THE BLYTHEWOOD HISTORIC SITE, INCLUDING BUT NOT LIMITED TO STORMWATER GRADING FOR STORMWATER MANAGEMENT AND PUBLIC OR PRIVATE ROADS, WITHOUT THE APPROVAL OF A HISTORIC AREA WORK PERMIT BY THE HISTORIC PRESERVATION COMMISSION.







LEGEND

210	EXISTING MAJOR CONTOUR	CLEARED NET TRACT AREA (C-NTA)
212	EXISTING MINOR CONTOUR	CLEARED FLOODPLAIN AREA (C-FP)
---	EXISTING BOUNDARY	CLEARED OFF-SITE AREA (C-OS) AND/OR PMA (C-PMA)
---	LIMITS OF MARLBORO CLAY	WOODLAND PRESERVATION AREA (WPA)
---	EXISTING ADJACENT PROPERTY	WOODLAND AFFORESTATION / REFORESTATION AREA (WRA)
---	EXISTING FOREST STAND	WOODLAND PRESERVED-NOT CREDITED (WR-NC)
---	EXISTING FLOOD PLAIN	WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)
---	EXISTING FLOOD PLAIN SET BACK	WOODLAND AFFORESTATION - PROVIDED PER PGCPB RESOLUTION NO. 18-62, CONDITION 2(A)
---	PATUXENT MANAGEMENT AREA	
---	EXISTING STREAM	
---	EXISTING STREAM BUFFER	
---	EXISTING NON-WOODLAND AREA	
---	1.5 SAFETY FACTOR LINE	
---	PROPOSED MAJOR CONTOUR	
---	PROPOSED MINOR CONTOUR	
---	PROPOSED ROAD RIGHT-OF-WAY	
---	PROPOSED PROPERTY LINE	
---	PROPOSED LIMIT OF DISTURBANCE	
---	SPECIMEN TREE SIGN	
---	WOODLAND PRESERVATION SIGN	
---	AFFORESTATION / REFORESTATION SIGN	
---	TREE PROTECTION FENCE (TEMPORARY)	
---	TREE PROTECTION FENCE (PERMANENT)	
---	ROOT PRUNE	
---	SECTION LINE	

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

SHEET 10	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	-	-
WOODLAND CLEARED FLOODPLAIN (C-FP)	-	-
WOODLAND CLEARED OFFSITE (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	-	-
WOODLAND RETAINED-NOT CREDITED (WR-NC)	-	-
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	2	1.62
WOODLAND RE/AFFORESTATION (WRA)	3	3.61
WOODLAND RE/AFFORESTATION (WRA)	5	0.88
WOODLAND RE/AFFORESTATION (WRA)	6	0.98
WOODLAND AFFORESTATION PROVIDED PER PGCPB RESOLUTION NO. 18-62, CONDITION 2(A)	W3	0.40

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PARKSIDE
(FORMERLY SMITH HOME FARM)
PRINCE GEORGES COUNTY
MARYLAND
6TH & 15TH ELECTION DISTRICTS

TAX MAP: 90-01 - GRID: MULTIPLE
ADJUSTED PARCEL: 1 PARCELS III, IV, V, VI, VII, VIII, & IX
200' MAP REFERENCE: 205SEC08-03, 205SEC08-03, 207SEC08

SEAL

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10729, EXPIRATION DATE: JULY 14, 2020.

KEY PLAN

THIS TCPII PLAN SHEET CORRESPONDS TO SHEET 18 OF THE SDP.

SCALE

0' 30' 60'

SCALE: 1"=30'

No.	DATE	BY	Description
REVISIONS			

DRAWN BY: JCT

APPROVED BY: TA

CHECKED BY: RAL

DATE: MAY 2016

TITLE: TYPE II TREE CONSERVATION PLAN SECTION 6 PLAN SHEET

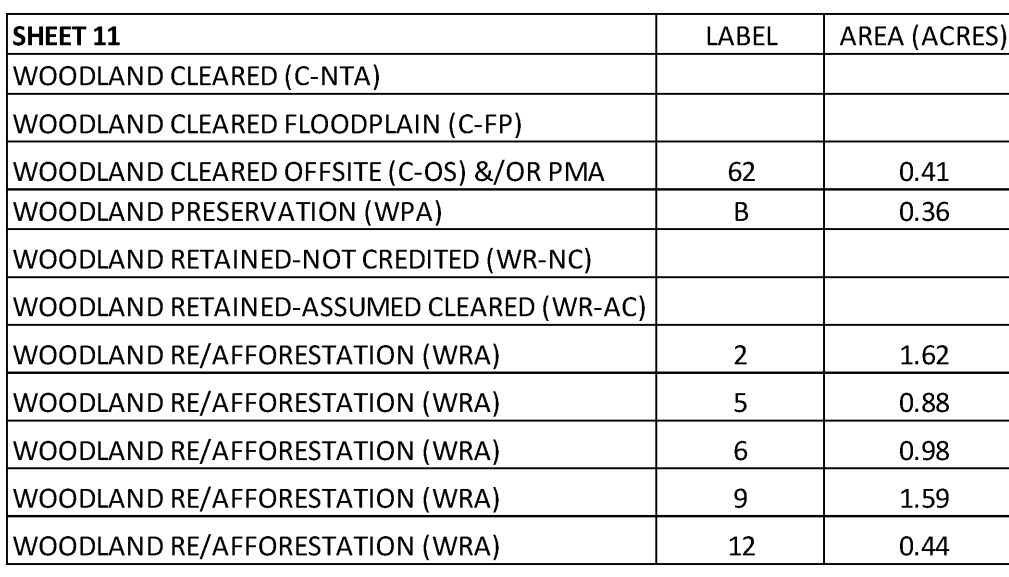
DEWBERRY JOB NO: 50038403

10

SHEET NO. 10 OF 16

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

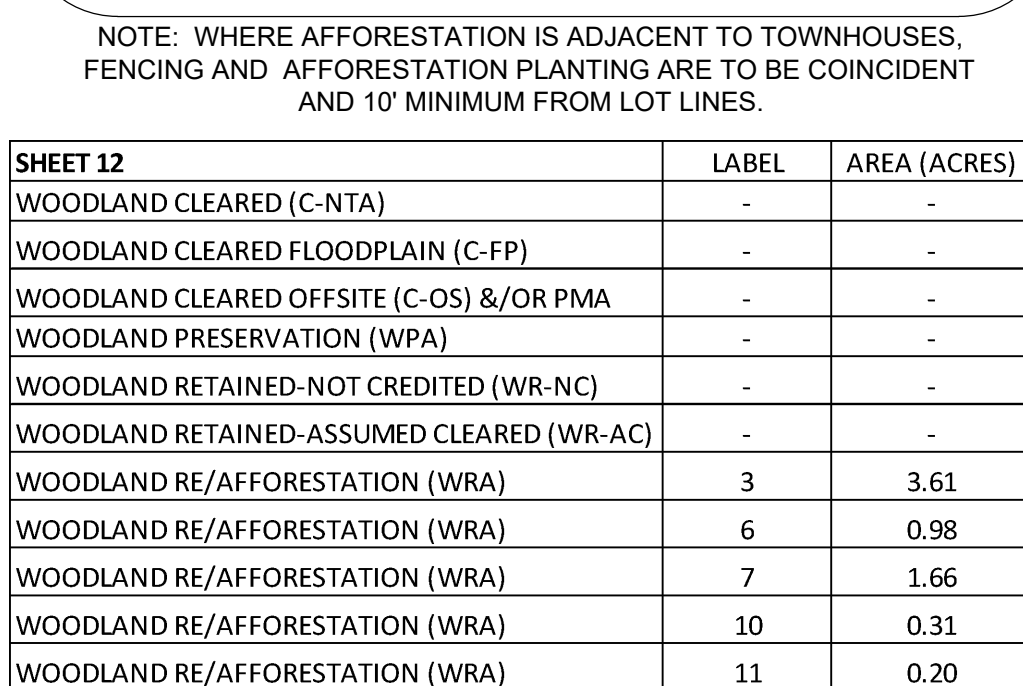
Prince Georges County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCPII-019-13				
Approved by	Date	DRD#	Reason for Revision	
00 K. FINCH	11/08/13	SDP-1302		
01 K. FINCH	3/09/17	SDP-1302-01	ADDED POND 6B	
02 K. FINCH	6/13/18	SDP-1302-02	ADDED ROUGH GROUNDING & S LAYOUT	
03 K. FINCH	8/26/19	SDP-1302-03	ADDED UNPLATTED PORTION OF WOODLAND ROAD TO SECTION 6	
04 K. Finch	11/28/2019	SDP-1302-04		
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 Prince Georges County Land Records at Liber ... Folio ... Revisions to this TCPII may require a revision to the recorded easement.				



MAP 91, P.10
4620 MELWOOD ROAD LLC
L.37735 F.170
MIXED USE
ZONE M-X-T

Princes George's County Planning Department, M-NCPFC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-019-13					
	Approved by	Date	DRD#	Reason for Revision	
00	K. FINCH	11/08/13	SDP-1302		
01	K. FINCH	3/09/17	SDP-1302-01	ADDED PONDS	
02	K. FINCH	6/13/18	SDP-1302-02	ADDED ROUGH GRADING	
03	K. FINCH	8/26/19	SDP-1302-03	ADDED SECTION 5 & 6	
04	<i>Kim S. Finch</i>	<i>11/08/2019</i>	SDP-1302-04	ADDED UNPLANTED SECTION OF WOODWAY ROAD TO SECTION 5	

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 Prince George's County Land Records and are subject to the provisions of this TCP2 may require a revision to the recorded easement.



SHEET 12	LABEL	AREA (ACRES)
WOODLAND CLEARED (C-NTA)	-	-
WOODLAND CLEARED FLOODPLAIN (C-FP)	-	-
WOODLAND CLEARED FLOODPLAIN (C-OS) &/OR PMA	-	-
WOODLAND PRESERVATION (WPA)	-	-
WOODLAND RETAINED-NOT CREDITED (WR-NC)	-	-
WOODLAND RETAINED-ASSUMED CLEARED (WR-AC)	-	-
WOODLAND RE/AFFORESTATION (WRA)	3	3.61
WOODLAND RE/AFFORESTATION (WRA)	6	0.98
WOODLAND RE/AFFORESTATION (WRA)	7	1.66
WOODLAND RE/AFFORESTATION (WRA)	10	0.31
WOODLAND RE/AFFORESTATION (WRA)	11	0.20

PROPOSED CONTOURS SHOWN HERE
IN GRAY ARE MARLBORO RIDGE
PROPOSED CONTOURS.

LOT 12
246 PLAT 99

LOT 13
P.B. 246 PLAT 99

LOT 14
246 PLA.

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-019-13				
	Approved by	Date	DRD#	Reason for Revision
00	K. FINCH	11/08/13	SDP-1302	
01	K. FINCH	3/08/17	SDP-1302-01	ADDED PONDS
02	K. FINCH	6/13/18	SDP-1302-02	ADDED ROUGH GRADING
03	K. FINCH	8/26/19	SDP-1302-03	ADDED SECTION 5 & ALLOYOT
04	<i>Kenneth Finch</i>	<i>11/08/2019</i>	SDP-1302-04	ADDED UNPLATTED PORTION OF WOODWARD ROAD TO SECTION 5

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 Prince George's County Land Records at Liber _____ Folio _____. Revisions to this TCP# may require a revision to the recorded easement.

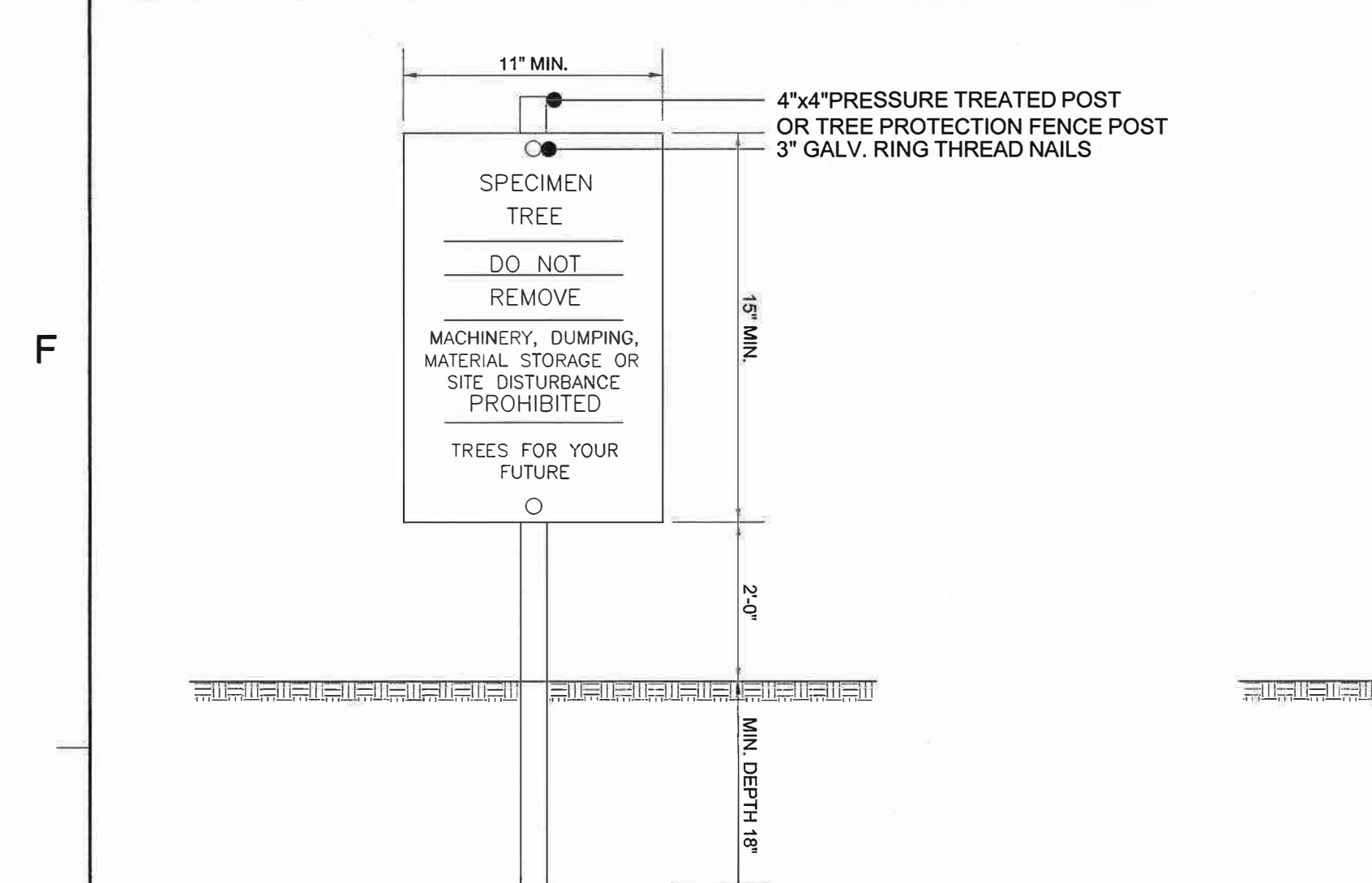
NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
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48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
FORMATION CONCERNING UNDERGROUND
UTILITIES WAS OBTAINED FROM AVAILABLE
RECORDS BY THE CONTRACTOR MUST
DETERMINE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



No.	DATE	BY	Description

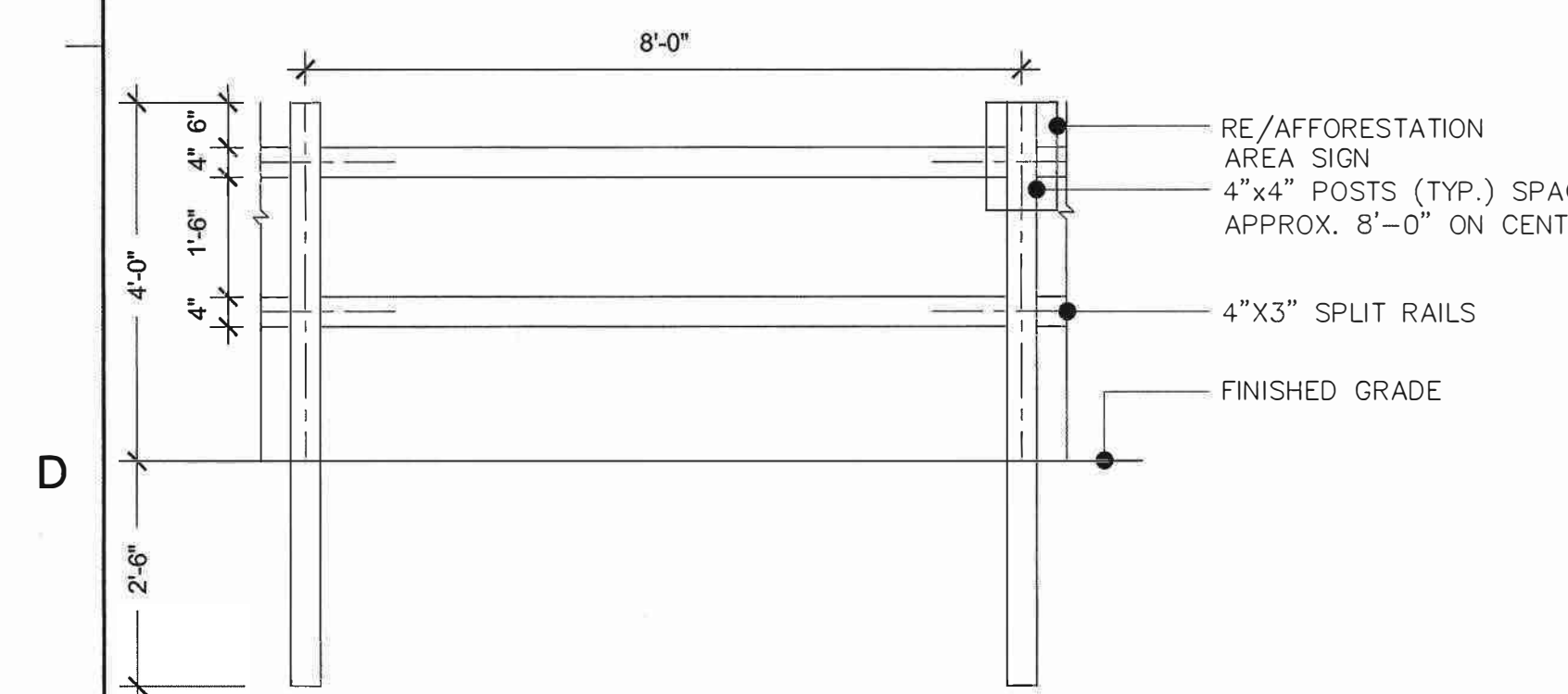
DRAWN BY JCT
APPROVED BY TA
CHECKED BY RAL
DATE MAY 2016

TITLE
TYPE II TREE
CONSERVATION
PLAN
SECTION 6
DETAILS, NOTES,
& COMPUTATIONS
DEWBERRY JOB NO. 50038403



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

1 SCALE: NTS



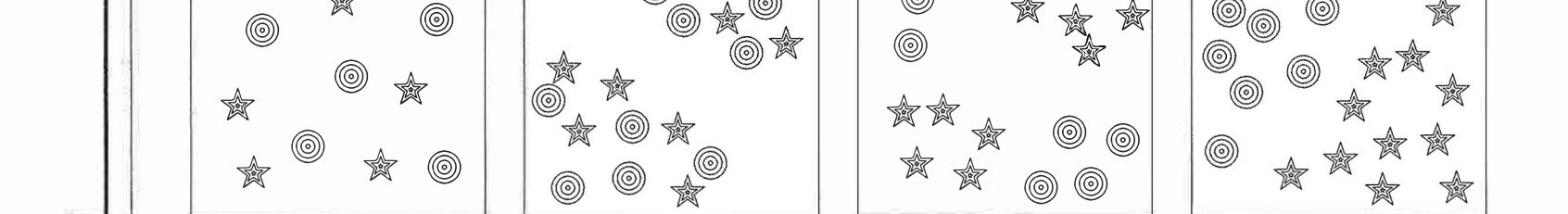
- NOTES:
1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 2. SIGNS SHOULD BE PROPERLY MAINTAINED.
 3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION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

2 SCALE: NTS



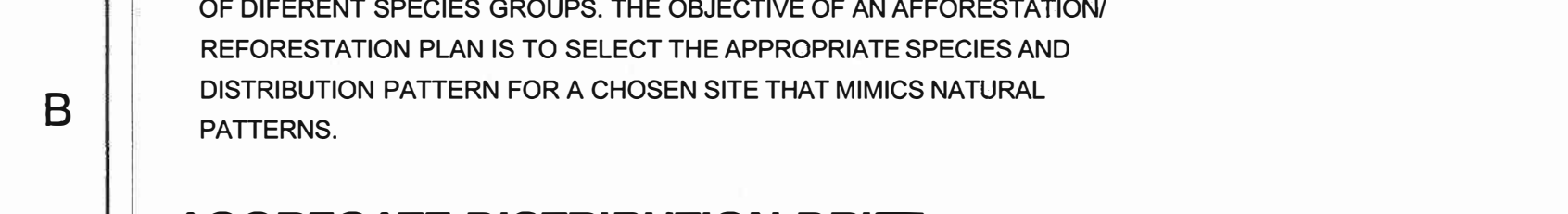
- NOTES:
1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 2. SIGNS SHOULD BE PROPERLY MAINTAINED.
 3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION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

3 SCALE: NTS



- NOTES:
1. FOREST PROTECTION DEVICE ONLY.
 2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
 4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
 5. DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.
 6. PROTECTIVE SIGNAGE IS ALSO REQUIRED.
 7. MAY BE USED IN PLACE OF TYPE 2 (TEMPORARY) TREE PROTECTION FENCE. (SEE DETAIL 4B THIS SHEET)

4A SCALE: NTS



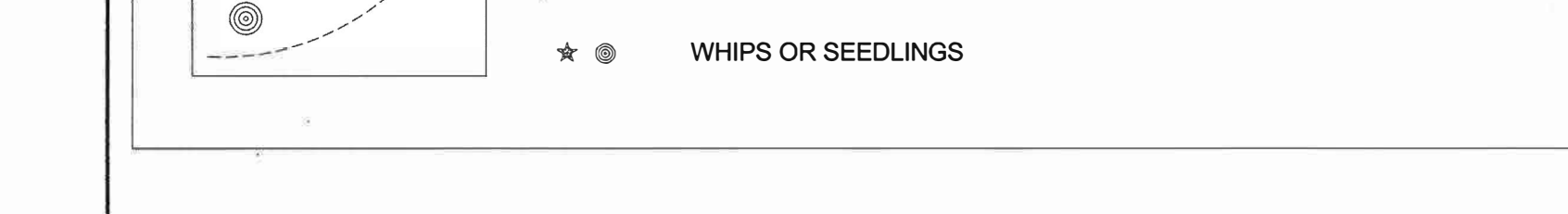
- NOTES:
1. FOREST PROTECTION DEVICE ONLY.
 2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
 4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
 5. DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.
 6. PROTECTIVE SIGNAGE IS ALSO REQUIRED.
 7. MAY BE USED IN PLACE OF TYPE 1 (TEMPORARY) TREE PROTECTION FENCE. (SEE DETAIL 4A THIS SHEET)

4B SCALE: NTS



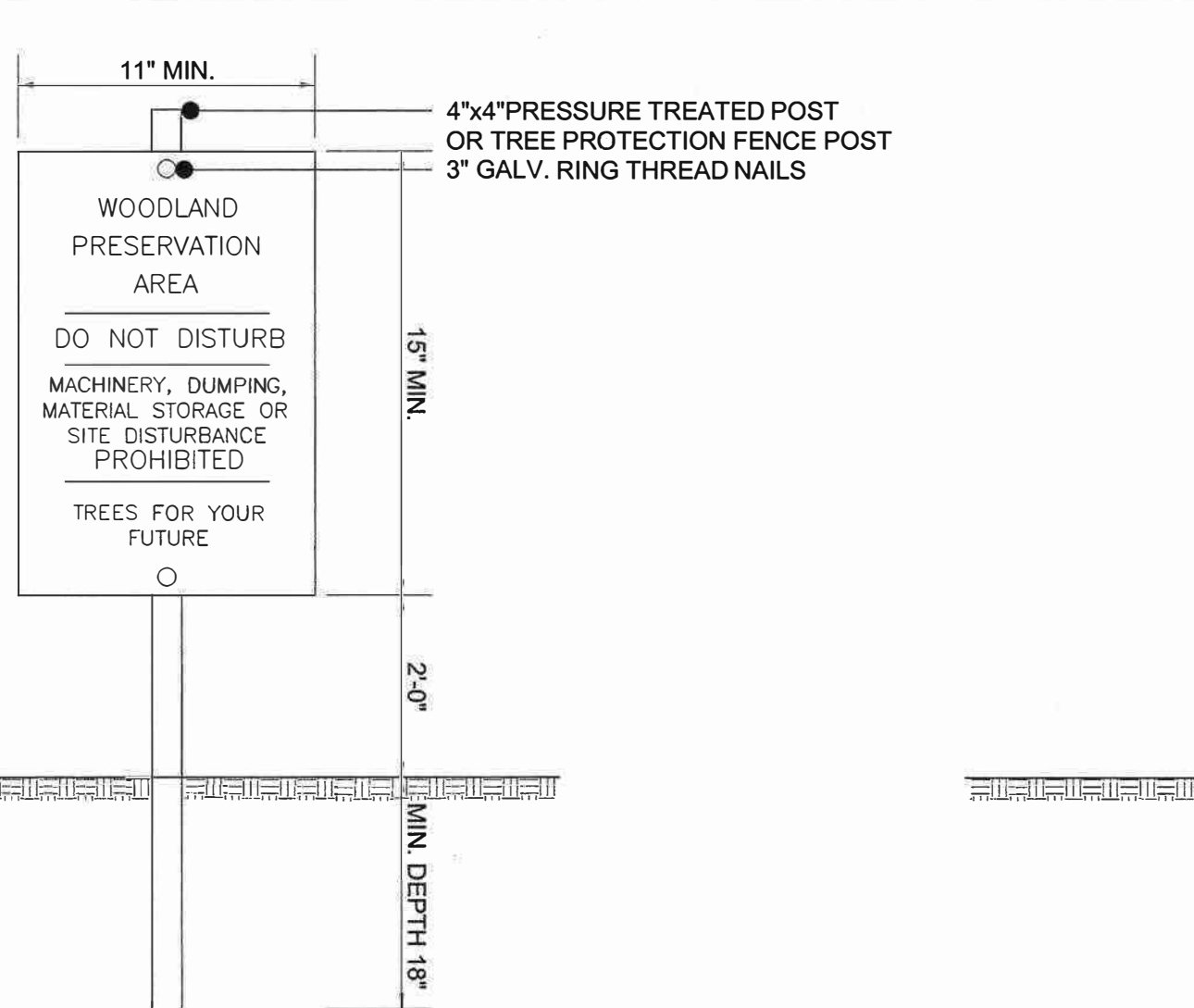
- NOTES:
1. POSTS SHALL STAND PLUMB.
 2. RAILS SHALL BE HUNG WITH UNIFORM HEIGHT AND SPACING.
 3. REFORESTATION SIGNS TO BE ATTACHED TO WOOD POSTS EVERY 50 FEET.
 4. TOP OF SIGN TO BE FLUSH WITH TOP OF WOOD POST.
 5. SIGNS TO BE ATTACHED USING 2 GALVANIZED WOOD SCREWS EACH WITH A GALVANIZED WASHER.

5 SCALE: NTS



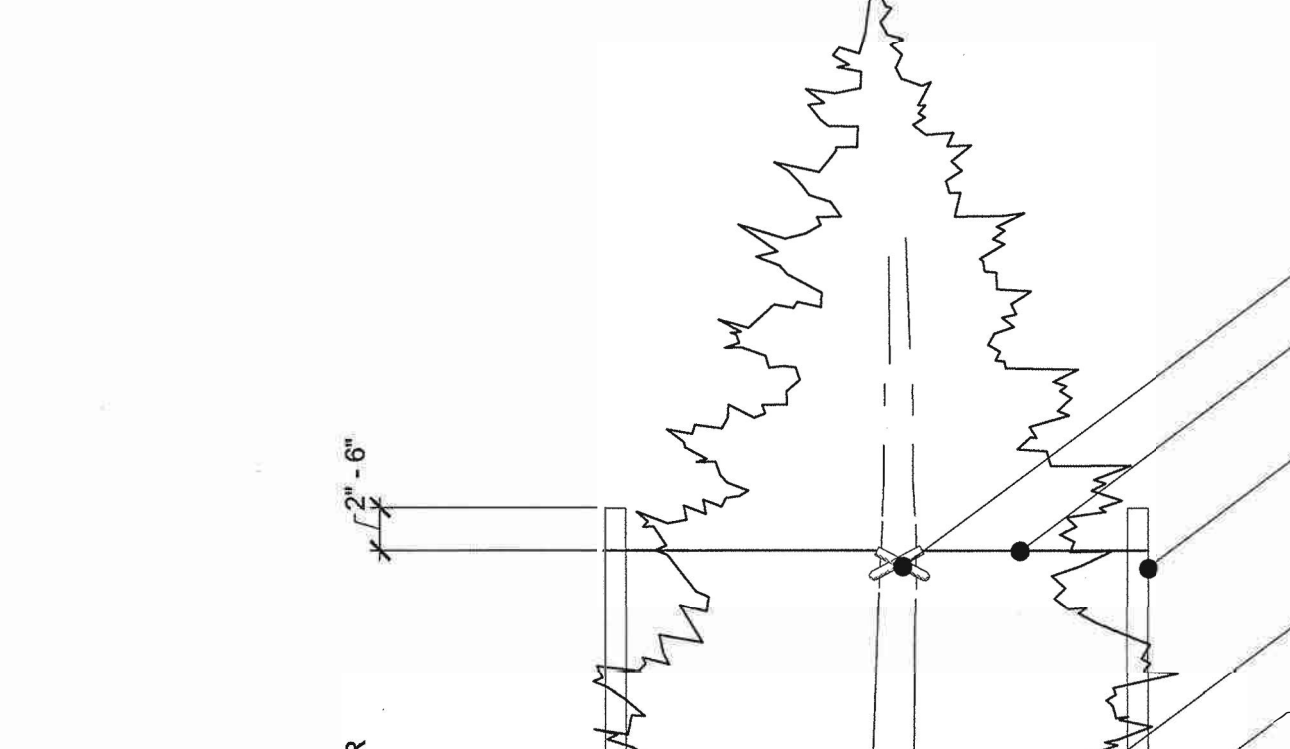
- NOTES:
1. RETENTION AREAS TO BE ESTABLISHED AS PART OF THE FOREST CONSERVATION PLAN REVIEW PROCESS.
 2. BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED, FLAGGED AND/OR FENCED PRIOR TO TRENCHING.
 3. EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.
 4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH SOIL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

6 SCALE: NTS



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

7 SCALE: NTS



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

8 SCALE: NTS



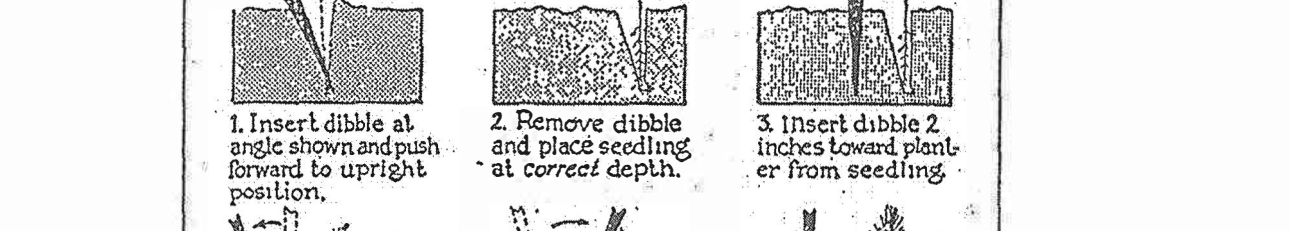
- NOTES:
1. SOURCE: ADAPTED FROM FOREST CONSERVATION MANUAL, 1991.
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

9 SCALE: NTS



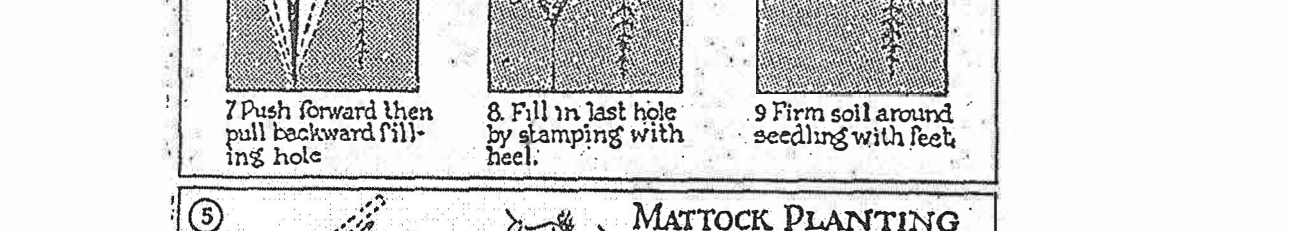
- NOTES:
1. REMOVE BRANCH WEIGHT BY UNDERCUTTING AT A AND REMOVE LIMB BY CUTTING THROUGH AT AB.
 2. REMOVE STUB AT CD (LINE BETWEEN BRANCH BARK RIDGE AND OUTER EDGE OF BRANCH COLLAR).
 3. IF D IS DIFFICULT TO FIND ON HARDWOODS, ANGLE OF CD TO TRUNK SHOULD BE THE REFLECTIVE ANGLE OF THE BRANCH RIDGE TO THE TRUNK.
 4. ONLY PRUNE AT SPECIFIED TIMES.
 5. REMOVE NO MORE THAN 30% OF CROWN AT ONE TIME.

10 SCALE: NTS



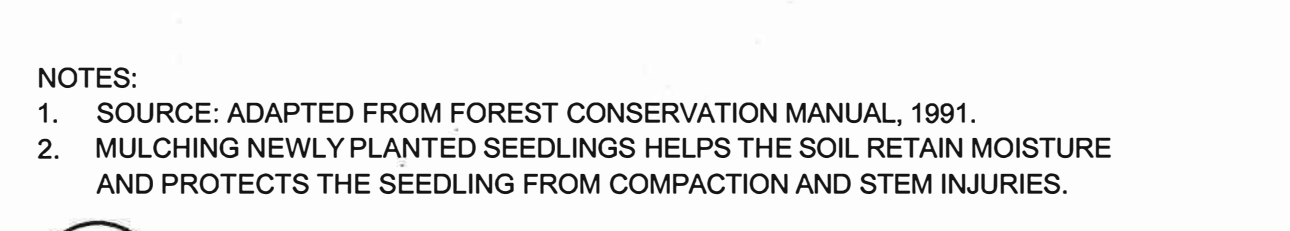
- NOTES:
1. SOURCE: ADAPTED FROM FOREST CONSERVATION MANUAL, 1991.
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

11 SCALE: NTS



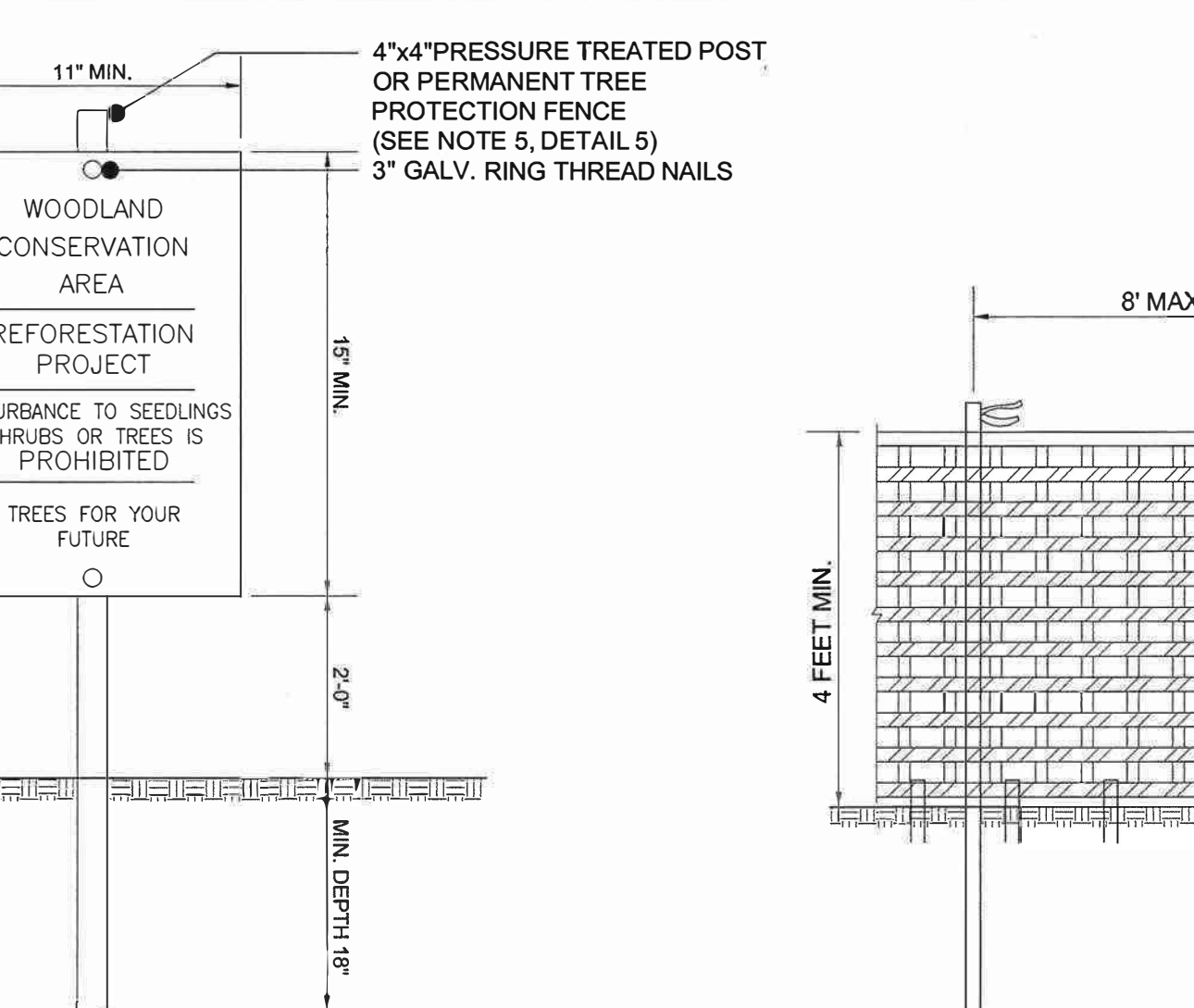
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

12 SCALE: NTS



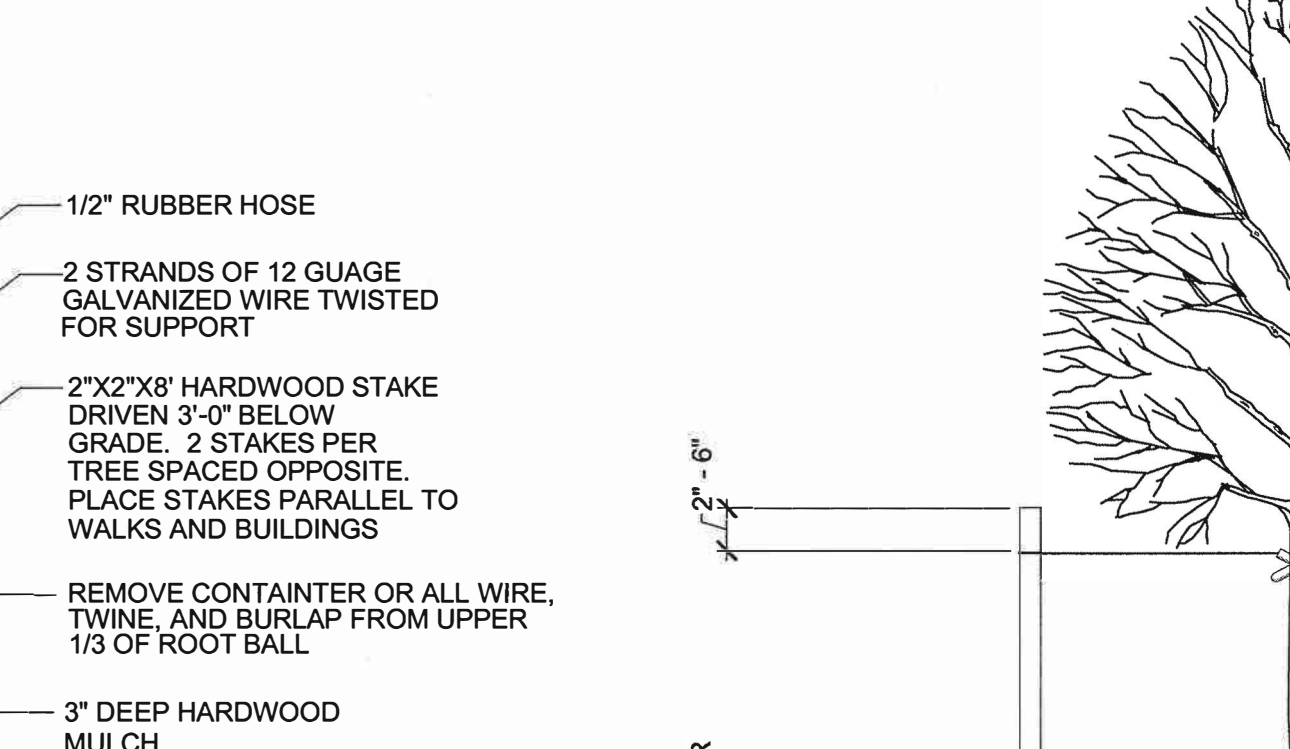
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

13 SCALE: NTS



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

14 SCALE: NTS



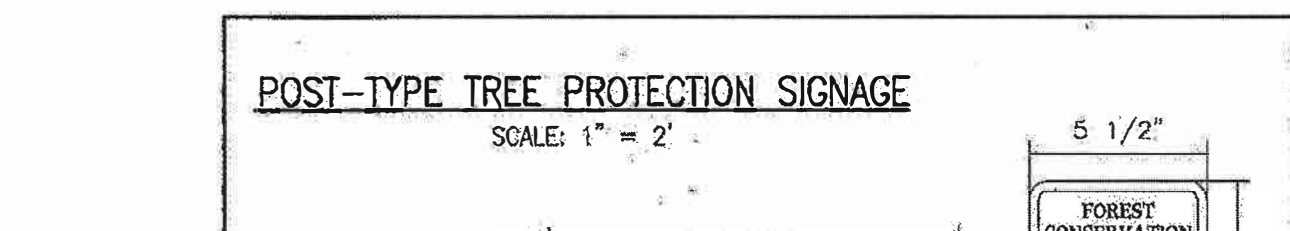
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

15 SCALE: NTS



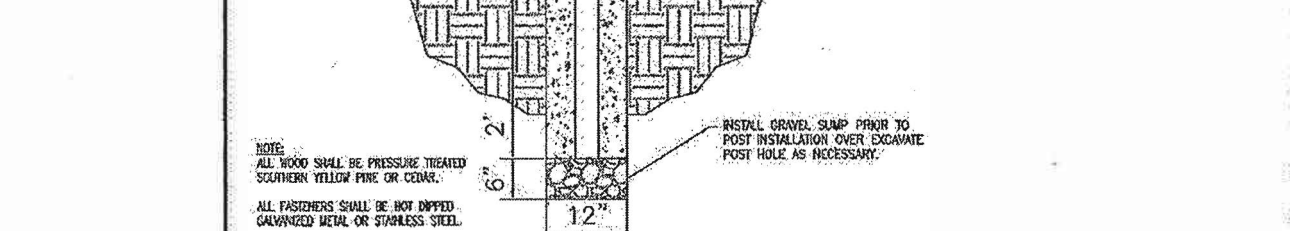
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

16 SCALE: NTS



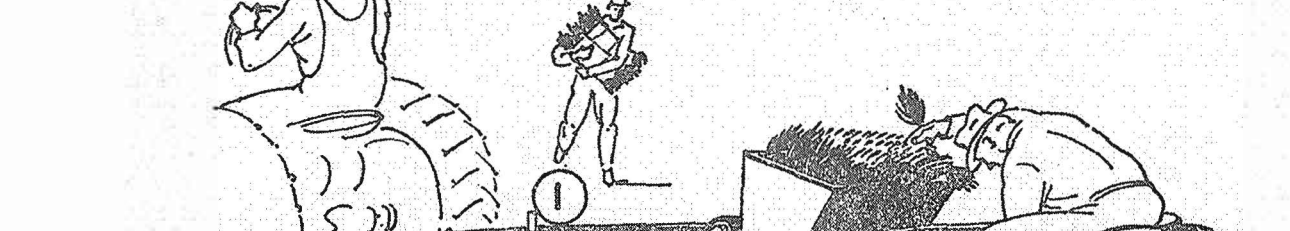
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

17 SCALE: NTS



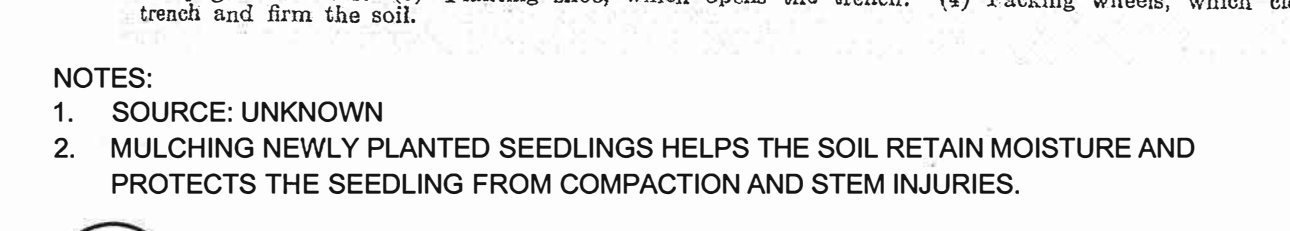
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

18 SCALE: NTS



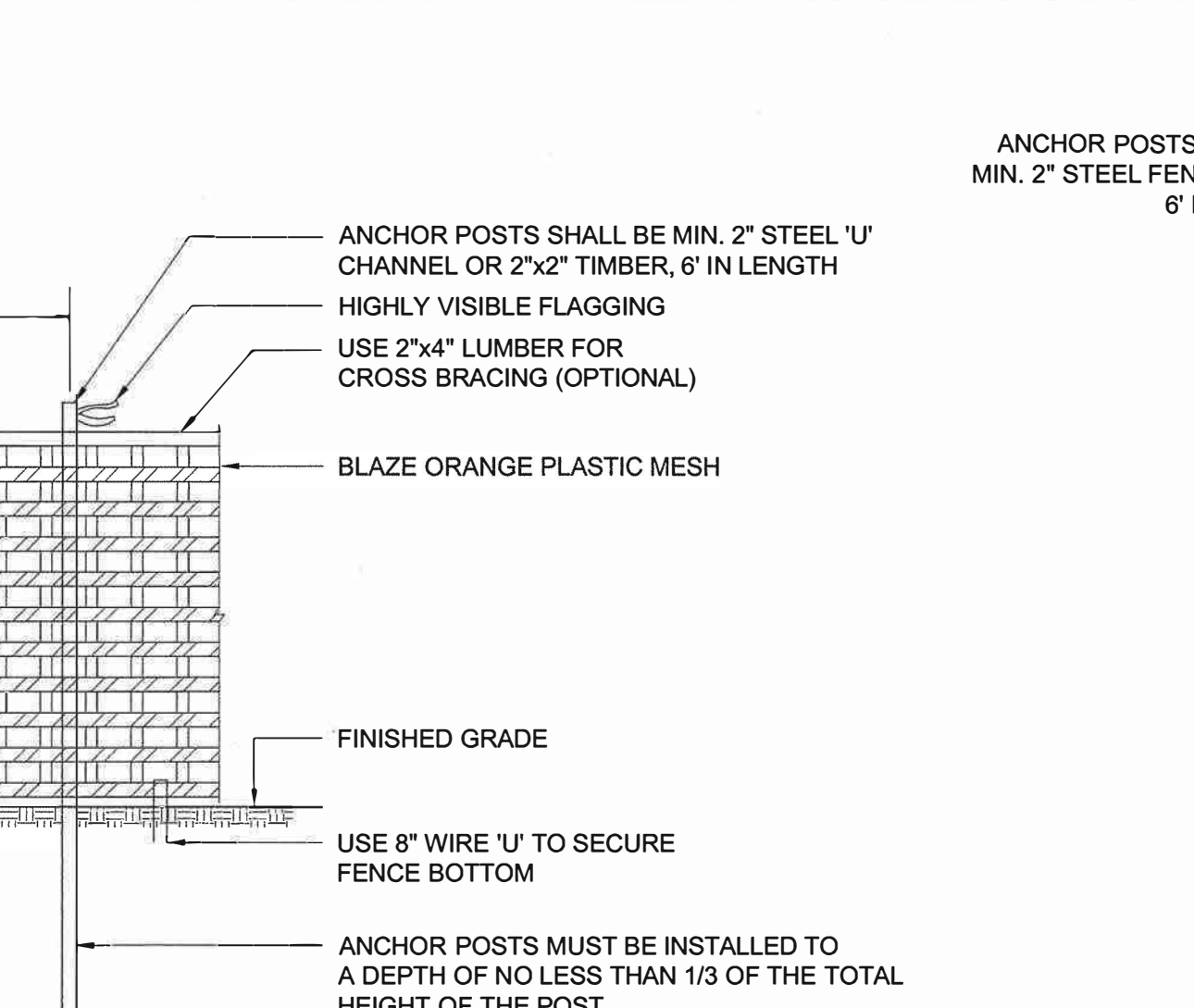
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

19 SCALE: NTS



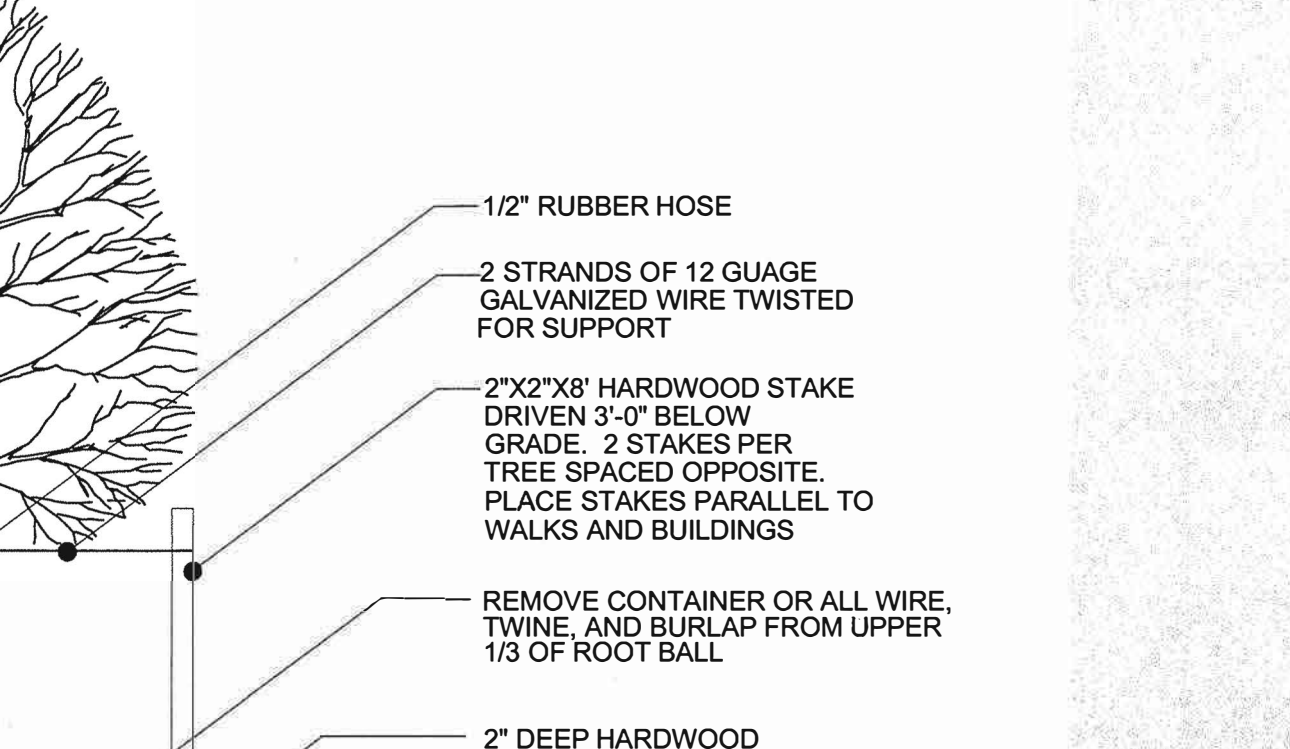
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

20 SCALE: NTS



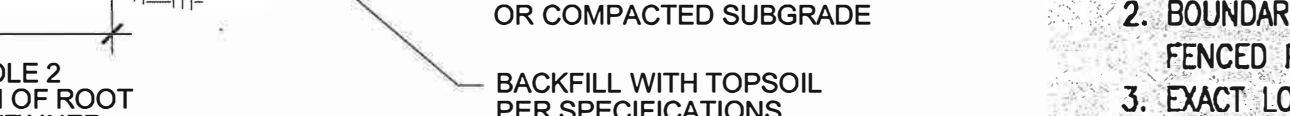
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

21 SCALE: NTS



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

22 SCALE: NTS



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

23 SCALE: NTS



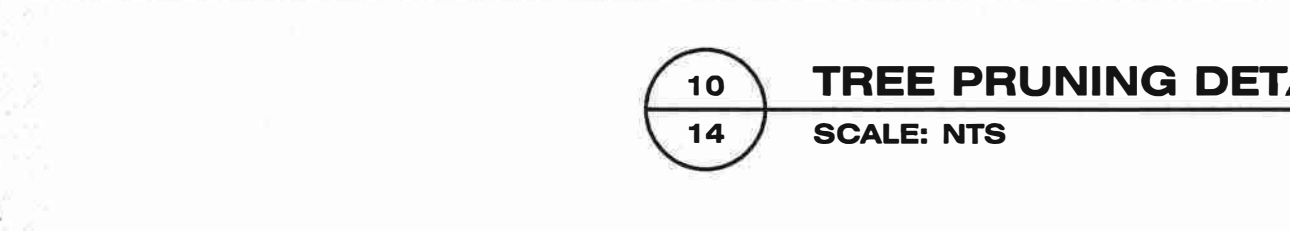
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

24 SCALE: NTS



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

25 SCALE: NTS



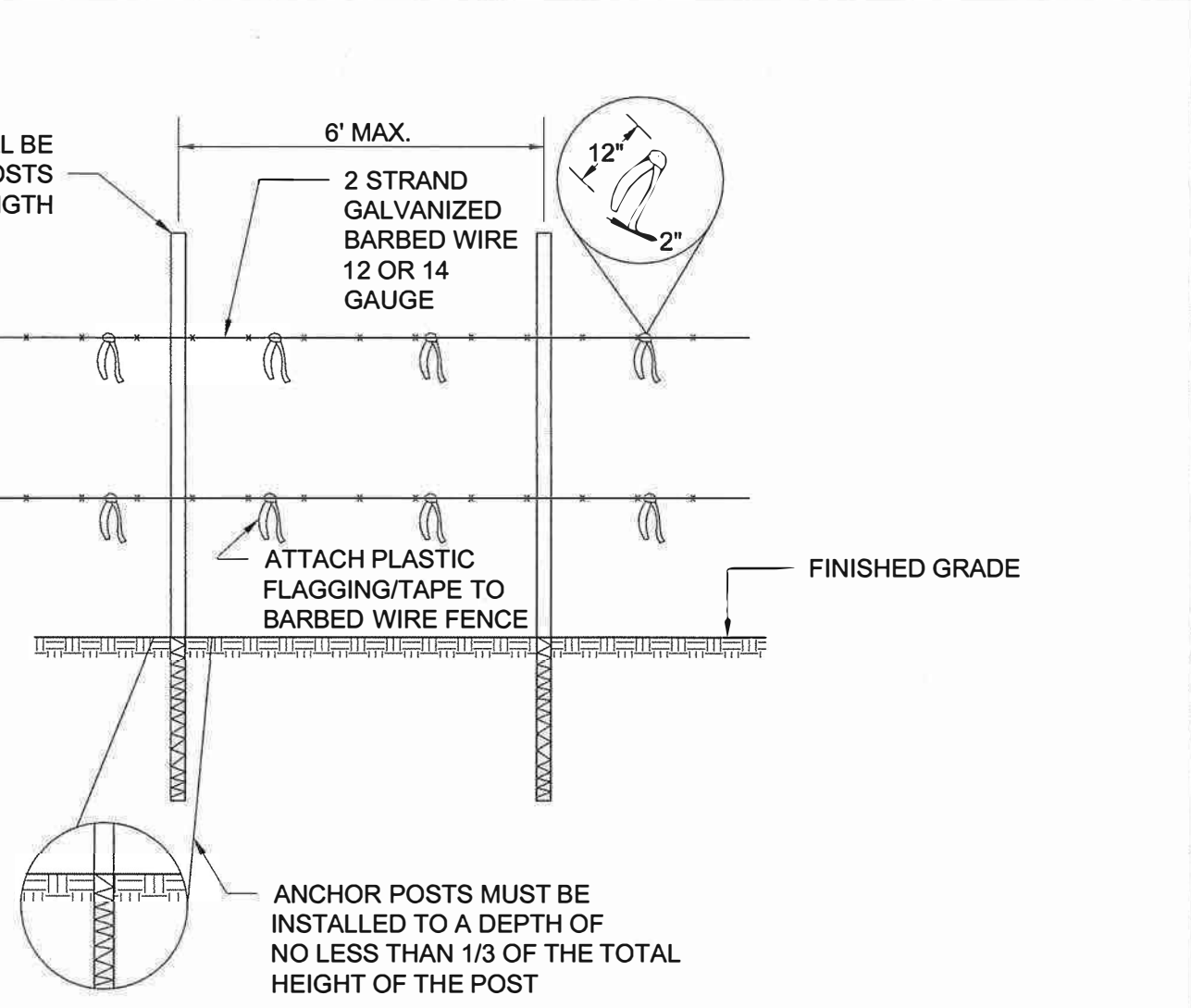
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

26 SCALE: NTS



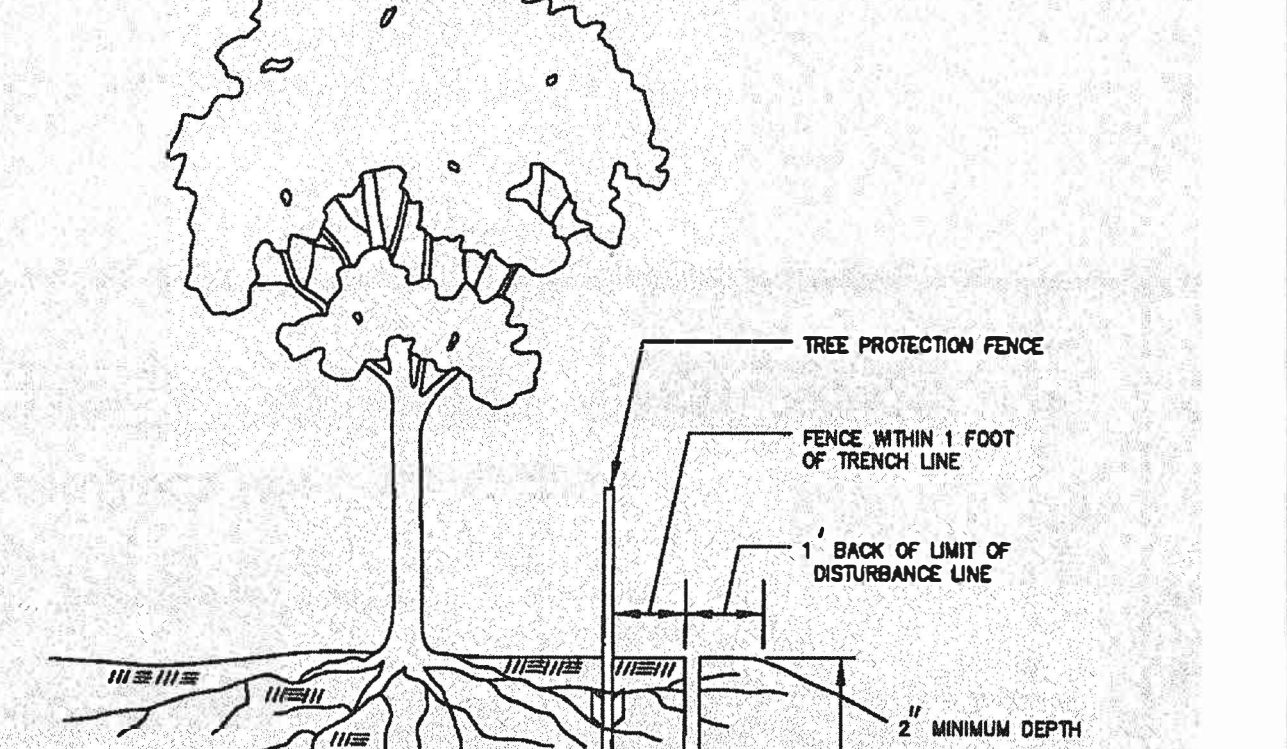
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

27 SCALE: NTS



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

28 SCALE: NTS



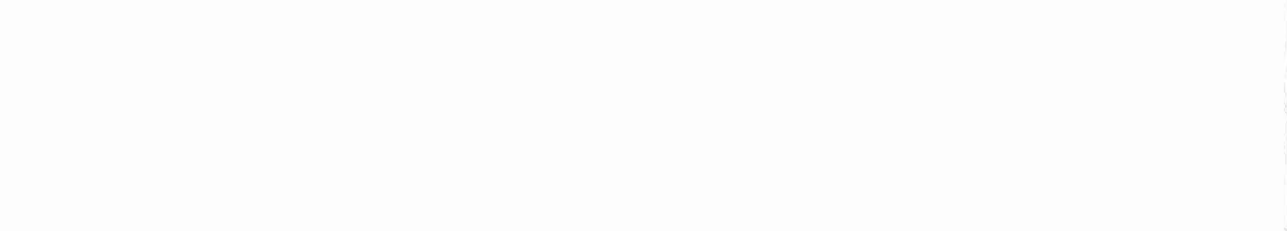
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

29 SCALE: NTS



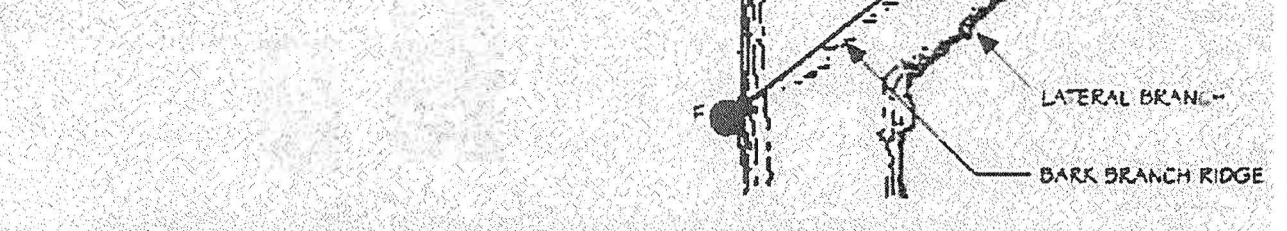
- NOTES:
1. SOURCE: UNKNOWN
 2. MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

30 SCALE: NTS



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

31 SCALE: NTS



F

E

D

C

B

A

SPECIMEN, CHAMPION, AND HISTORIC TREES SUMMARY

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

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

91	Black Walnut	<i>Juglans nigra</i>	30	Poor	Save	6
92	Black Walnut	<i>Juglans nigra</i>	30	Fair	Save	6
93	Pin Oak	<i>Quercus palustris</i>	32	Good	Remove	6
94	Silver Maple	<i>Acer saccharinum</i>	44	Poor, trunk damage	Remove	park
95	Pin Oak	<i>Quercus palustris</i>	34	Good	Remove	park
96	Cedar	<i>Juniperus sp.</i>	30	Good	Remove	4
97	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Remove	4
98	Red Maple	<i>Acer rubrum</i>	34	Fair	Remove	4
99	Tulip Tree	<i>Liriodendron tulipifera</i>	45	Good	Remove	4
100	Black Locust	<i>Robinia pseudoacacia</i>	36	Poor	Remove	4
101	Sweetgum	<i>Liquidambar styraciflua</i>	35	Fair	Save	park
102	Sweetgum	<i>Liquidambar styraciflua</i>	34	Fair	Save	park
103	American Beech	<i>Fagus grandifolia</i>	40	Good	Save	park
104	Red Maple	<i>Acer rubrum</i>	35	Good	Save	park
105	Red Maple	<i>Acer rubrum</i>	30	Fair	Save	park
106	Red Maple	<i>Acer rubrum</i>	52	Poor	Save	park
107	Sweetgum	<i>Liquidambar styraciflua</i>	31	Fair	Save	park
108	Red Maple	<i>Acer rubrum</i>	35	Good	Save	park
109	Tulip Tree	<i>Liriodendron tulipifera</i>	52	Poor	Save	park
109 A	Sweetgum	<i>Liquidambar styraciflua</i>	51	Fair	Save	park
110	Sweetgum	<i>Liquidambar styraciflua</i>	33	Fair	Remove	6
111	Sweetgum	<i>Liquidambar styraciflua</i>	37	Good	Remove	6
112	Elm	<i>Ulmus sp.</i>	36	Fair	Remove	6
113	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair, twin	Save	4
114	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	4
115	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Good	Save	offsite
116	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Good	Save	offsite
117	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Good	Save	offsite
118	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Good	Save	4
119	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Good	Save	4
120	Tulip Tree	<i>Liriodendron tulipifera</i>	38	Fair	Save	4
121	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair, twin with 29"	Save	4
122	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Good	Save	4
123	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Fair	Save	offsite
124	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Save	4
125	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	4
126	Elm	<i>Ulmus sp.</i>	36	Fair, twin	Save	4
127	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Fair	Save	4
128	Tulip Tree	<i>Liriodendron tulipifera</i>	31	Fair	Save	4 church
129	Tulip Tree	<i>Liriodendron tulipifera</i>	41	Fair	Save	4 church
130	Tulip Tree	<i>Liriodendron tulipifera</i>	45	Fair, trash in area	Save	4 church
131	Tulip Tree	<i>Liriodendron tulipifera</i>	51	Fair, twin	Save	4 church
132	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	4
133	American Beech	<i>Fagus grandifolia</i>	32	Fair	Save	4
134	American Beech	<i>Fagus grandifolia</i>	32	Fair, trash in area	Save	4
135	Tulip Tree	<i>Liriodendron tulipifera</i>	32	Good	Save	4
136	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair, stream bank	Save	4
137	White Oak	<i>Quercus alba</i>	30	Good	Save	4
138	White Oak	<i>Quercus alba</i>	33	Good	Save	4
139	White Oak	<i>Quercus alba</i>	33	Good	Save	4
140	White Oak	<i>Quercus alba</i>	36	Good, stream bank	Save	4
141	Tulip Tree	<i>Liriodendron tulipifera</i>	39	Fair	Save	4
142	White Oak	<i>Quercus alba</i>	34	Good	Save	4
143	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair, head of swale	Save	4
144	Tulip Tree	<i>Liriodendron tulipifera</i>	33	Fair	Save	4
145	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Good, stream bank	Save	4
146	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Save	4
147	Red Oak	<i>Quercus rubra</i>	34	Fair	Save	4
148	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	4
149	Tulip Tree	<i>Liriodendron tulipifera</i>	42	Fair	Save	4
150	Tulip Tree	<i>Liriodendron tulipifera</i>	30	Fair	Save	4
151	Tulip Tree	<i>Liriodendron tulipifera</i>	42	Good	Save	4
152	Red Maple	<i>Acer rubrum</i>	33	Poor	Save	5
153	American Beech	<i>Fagus grandifolia</i>	34	Good	Save	5
154	Tulip Tree	<i>Liriodendron tulipifera</i>	36	Good	Save	5
155	American Beech	<i>Fagus grandifolia</i>	30	Good	Save	5
156	Tulip Tree	<i>Liriodendron tulipifera</i>	40	Fair	Save	5
157	White Oak	<i>Quercus alba</i>	34	Fair	Save	5
158	Black Gum	<i>Nyssa sylvatica</i>	30	Fair	Save	5
159	Silver Maple	<i>Acer saccharinum</i>	36	Poor	Remove	5
160	Silver Maple	<i>Acer saccharinum</i>	52	Fair	Remove	5
161	Red Maple	<i>Acer rubrum</i>	39	Fair	Remove	5
162	Red Maple	<i>Acer rubrum</i>	36	Fair	Remove	5
163	Norway Maple	<i>Acer platanoides</i>	51	Fair	Remove	5
164	Norway Maple	<i>Acer platanoides</i>	34	Fair	Remove	5
165	Red Maple	<i>Acer rubrum</i>	35	Poor	Remove	5
166	Red Maple	<i>Acer rubrum</i>	31	Fair	Remove	6
167	Red Maple	<i>Acer rubrum</i>	30	Poor	Remove	6
168	Hickory	<i>Carya sp.</i>	31	Poor	Remove	6
169	Black Locust	<i>Robinia pseudoacacia</i>	36	Poor	Remove	6
170	Black Locust	<i>Robinia pseudoacacia</i>	30	Fair	Remove	infra 2
171	Black Locust	<i>Robinia pseudoacacia</i>	35	Poor	Remove	park
172	Silver Maple	<i>Acer saccharinum</i>	46	Fair	Remove	park
173	Silver Maple	<i>Acer saccharinum</i>	35	Fair	Remove	park
174	Silver Maple	<i>Acer saccharinum</i>	49	Fair	Remove	park
175	Tulip Tree	<i>Liriodendron tulipifera</i>	37	Good	Save	park
176	Tulip Tree	<i>Liriodendron tulipifera</i>	34	Fair	Save	park
177	Tulip Tree	<i>Liriodendron tulipifera</i>	35	Fair	Save	park
178	Black Walnut	<i>Juglans nigra</i>	31	Fair	Save	6
179	Black Locust	<i>Robinia pseudoacacia</i>	36	Poor	Save	6
180	Osage Orange*	<i>Maclura pomifera</i>	57	Fair, covered in English	Save	6
181	Hickory	<i>Carya sp.</i>	33	Fair	Save	6
182	Black Gum*	<i>Nyssa sylvatica</i>	44	Fair	Save	6

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

REFORESTATION/AFFORESTATION PLANT SCHEDULES									
AFFORESTATION / REFORESTATION AREA #4 (SECTION 6)							Acreage	0.55	Upland Plantings
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	15	75			17.0%
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	0	0			0.0%
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0			0.0%
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	75	75			17.0%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	75	75			17.0%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	35	35			8.0%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	60	60			13.6%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	60	60			13.6%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	60	60			13.6%
						Reforestation Units Provided	440		
						Total Reforestation Units Required	440		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #5 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	12	60			8.6%
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	7	35			5.0%
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	7	21			3.0%
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	110	110			15.6%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	75	75			10.7%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	75	75			10.7%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	110	110			15.6%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	110	110			15.6%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	108	108			15.3%
						Reforestation Units Provided	704		
						Total Reforestation Units Required	704		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #6 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	9	45			5.7%
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	2	10			1.3%
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0			0.0%
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	144	144			18.4%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	75	75			9.6%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	75	75			9.6%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	145	145			18.5%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	140	140			17.9%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	150	150			19.1%
						Reforestation Units Provided	784		
						Total Reforestation Units Required	784		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #7 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	4	20			1.5%
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	0	0			0.0%
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0			0.0%
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	263	263			19.8%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	125	125			9.4%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	125	125			9.4%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	265	265			20.0%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	265	265			20.0%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	265	265			20.0%
						Reforestation Units Provided	1,328		
						Total Reforestation Units Required	1,328		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #8 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	43	215			8.6%
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	5	25			0.9%
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0			0.0%
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	451	451			18.1%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	230	230			9.2%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	230	230			9.2%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	455	455			18.2%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	455	455			18.2%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	455	455			18.2%
						Reforestation Units Provided	2,496		
						Total Reforestation Units Required	2,496		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #9 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	18	90			7.1%
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	0	0			0.0%
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0			0.0%
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	220	220			17.3%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	125	125			9.8%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	125	125			9.8%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	235	235			18.5%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	237	237			18.6%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	240	240			18.9%
						Reforestation Units Provided	1,272		
						Total Reforestation Units Required	1,272		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #10 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	50	50			20.2%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	25	25			10.1%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	25	25			10.1%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	50	50			20.2%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	48	48			19.4%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	50	50			20.2%
						Reforestation Units Provided	248		
						Total Reforestation Units Required	248		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #11 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	35	35			21.9%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	15	15			9.4%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	15	15			9.4%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	30	30			18.8%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	30	30			18.8%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	35	35			21.9%
						Reforestation Units Provided	160		
						Total Reforestation Units Required	160		
						Excess	0		
AFFORESTATION / REFORESTATION AREA #12 (SECTION 6)									
Species							Planting Stock	Reforestation Credits	Percent of Stocking
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	33	165			46.9%
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	0	0			0.0%
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0			0.0%
<i>Acer rubrum</i>	Red Maple	Seeding: 6"-18" HT.	1	Bare Root	40	40			11.4%
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6"-18" HT.	1	Bare Root	15	15			4.3%
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6"-18" HT.	1	Bare Root	15	15			4.3%
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6"-18" HT.	1	Bare Root	37	37			10.5%
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6"-18" HT.	1	Bare Root	40	40			11.4%
<i>Quercus phellos</i>	Willow Oak	Seeding: 6"-18" HT.	1	Bare Root	40	40			11.4%
						Reforestation Units Provided	352		
						Total Reforestation Units Required	352		
						Excess	0		

AFFORESTATION / REFORESTATION AREA #13 (SECTION 6)							Acreage	1.00	Upland Plantings
Species		Planting Stock			Reforestation Credits	Percent of Stocking			
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
SEE NOTE 1.	Shade Tree	2.5' - 3' Cal.	5	B&B	7	35			
	Evergreen Tree	6'-8' HT. (2.5' Cal.)	5	B&B	0	0			
	Ornamental Tree	1.5' - 1.75' Cal.	3	B&B	0	0			
<i>Acer rubrum</i>	Red Maple	Seeding: 6'-18" HT.	1	Bare Root	165	165			
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6'-18" HT.	1	Bare Root	80	80			
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6'-18" HT.	1	Bare Root	75	75			
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6'-18" HT.	1	Bare Root	165	165			
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6'-18" HT.	1	Bare Root	165	165			
<i>Quercus phellos</i>	Willow Oak	Seeding: 6'-18" HT.	1	Bare Root	165	165			
					Reforestation Units Provided	800			
					Total Reforestation Units Required	800			
					Excess	0			

AFFORESTATION / REFORESTATION AREA #W1 (SECTION 6)							Acreage	0.10	Upland Plantings
Species		Planting Stock			Reforestation Credits	Percent of Stocking			
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
<i>Acer rubrum</i>	Red Maple	Seeding: 6'-18" HT.	1	Bare Root	15	15			
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6'-18" HT.	1	Bare Root	8	8			
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6'-18" HT.	1	Bare Root	8	8			
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6'-18" HT.	1	Bare Root	15	15			
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6'-18" HT.	1	Bare Root	15	15			
<i>Quercus phellos</i>	Willow Oak	Seeding: 6'-18" HT.	1	Bare Root	15	15			
					Reforestation Units Provided	80			
					Total Reforestation Units Required	80			
					Excess	0			

AFFORESTATION / REFORESTATION AREA #W2 (SECTION 6)							Acreage	0.16	Upland Plantings
Species		Planting Stock			Reforestation Credits	Percent of Stocking			
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
<i>Acer rubrum</i>	Red Maple	Seeding: 6'-18" HT.	1	Bare Root	28	28			
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6'-18" HT.	1	Bare Root	10	10			
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6'-18" HT.	1	Bare Root	10	10			
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6'-18" HT.	1	Bare Root	25	25			
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6'-18" HT.	1	Bare Root	25	25			
<i>Quercus phellos</i>	Willow Oak	Seeding: 6'-18" HT.	1	Bare Root	30	30			
					Reforestation Units Provided	128			
					Total Reforestation Units Required	128			
					Excess	0			

AFFORESTATION / REFORESTATION AREA #W3 (SECTION 6)							Acreage	0.40	Upland Plantings
Species		Planting Stock			Reforestation Credits	Percent of Stocking			
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
<i>Acer rubrum</i>	Red Maple	Seeding: 6'-18" HT.	1	Bare Root	65	65			
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6'-18" HT.	1	Bare Root	30	30			
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6'-18" HT.	1	Bare Root	30	30			
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6'-18" HT.	1	Bare Root	65	65			
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6'-18" HT.	1	Bare Root	65	65			
<i>Quercus phellos</i>	Willow Oak	Seeding: 6'-18" HT.	1	Bare Root	65	65			
					Reforestation Units Provided	320			
					Total Reforestation Units Required	320			
					Excess	0			

AFFORESTATION / REFORESTATION AREA #W4 (SECTION 6)							Acreage	0.35	Upland Plantings
Species		Planting Stock			Reforestation Credits	Percent of Stocking			
Botanical Name	Common Name	Size	Credits/Unit	Type	Quantity				
<i>Acer rubrum</i>	Red Maple	Seeding: 6'-18" HT.	1	Bare Root	55	55			
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6'-18" HT.	1	Bare Root	30	30			
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6'-18" HT.	1	Bare Root	30	30			
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6'-18" HT.	1	Bare Root	55	55			
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6'-18" HT.	1	Bare Root	55	55			
<i>Quercus phellos</i>	Willow Oak	Seeding: 6'-18" HT.	1	Bare Root	55	55			
					Reforestation Units Provided	280			
					Total Reforestation Units Required	280			
					Excess	0			

NOTES:

1. "Shade Tree, Evergreen Tree and Ornamental Tree" are B&B trees proposed as part of the Landscape Plan; refer to Landscape Plan for details regarding all B&B plant material.

2. The following (lowland) species may be planted in the floodplain: Red Maple, Sweetgum, Loblolly Pine, American Sycamore, and Willow Oak.

3. 800 reforestation units (or 400 caliper inches) per acre rather than 1,000 units per acre has been used as directed by Pat Vance of MNCPPC Environmental Planning via meeting with Dewberry on 11/22/2011.

(*) Areas contain delineated wetlands and wetland buffers; plant material shall be installed manually per detail 4, sheet 14 within the wetland buffers. Plant material to be placed in the wetland buffer shall be field located under the supervision of a Certified Professional Wetland Scientist or qualified equivalent prior to installation.

PLANT SCHEDULE - SECTION 6						
Botanical Name	Common Name	Size	Type	Quantity	%Stocking	
<i>Acer rubrum</i>	Red Maple	Seeding: 6'-18" HT.	Bare Root	1,065	19.3%	
<i>Cercis canadensis</i>	Eastern Redbud	Seeding: 6'-18" HT.	Bare Root	918	10.7%	
<i>Pinus taeda</i>	Loblolly Pine	Seeding: 6'-18" HT.	Bare Root	873	10.1%	
<i>Liquidambar styraciflua</i>	Sweetgum	Seeding: 6'-18" HT.	Bare Root	1,712	19.9%	
<i>Platanus occidentalis</i>	American Sycamore	Seeding: 6'-18" HT.	Bare Root	1,710	19.8%	
<i>Quercus phellos</i>	Willow Oak	Seeding: 6'-18" HT.	Bare Root	1,757	20.2%	
TOTAL				8,516	100.0%	

*Afforestation Schedules for areas 1, 2, and 3 are not included because the planting in those areas was established with Sections 2 and 3.

Tree

Tree Protection Specifications

Tree

AERATION SYSTEM

PLAN

SECTION

SPECIAL TREE PROTECTION MEASURES (1)

UNDISTURBED ROOT SYSTEM

CRITICAL ROOT ZONE

ROAD

ROAD BASE

GEOTEXTILE FABRIC

4" AERATION LAYER OF GRAVEL OR ROCK W/ NO FINES

1/2" SCH 40 PVC PIPE @ 48" O.C.

3/8" HOLES @ 8" O.C. ALTERNATING SIDES

GEOTEXTILE FABRIC

UNDISTURBED SOIL

PVC PIPE AT 24 O.C.

UNDISTURBED SOIL

ROAD

CRITICAL ROOT ZONE

ROAD

CRITICAL ROOT ZONE

NOTE:

1. Bed preparation should not exceed two inches.

2. Vertical pipe should be capped with a perforated cap with 4-3/8" inch holes per cap.

3. Gravel or rock should contain no fines.

4. Can also be used when critical root zone is covered by fill instead of asphalt.

SOURCE : ADAPTED FROM STEVE CLARK & ASSOCIATES

September 1992

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