



WOODLAND CONSERVATION SUMMARY TABLE

SHEET	GROSS PROJECT AREA	100-YEAR FLOODPLAIN (FP)	NET TRACT AREA (NTA)	EXISTING WOODLAND (NTA)	EXISTING WOODLAND (FP)	WOODLAND CLEARED (C-NTA)	WOODLAND CLEARED (C-FP)	WOODLAND PRESERVED (WPA)	WOODLAND REFORESTED (WRA)	WOODLAND RETAINED/NOT CREDITED (WR-NC)	WOODLAND RETAINED/ASSUMED CLEARED (WR-AC)
1	27.03	7.82	19.21	5.20	6.98	0.66	0.30	11.22	0.00	-	-
TOTAL	27.03	7.82	19.21	5.20	6.98	0.66	0.30	11.22	0.00	-	-

\*100-YEAR AMT FLOODPLAIN ANALYSIS USED TO QUANTIFY WOODLAND CLEARED IN THE FLOODPLAIN (C-FP).

SPECIMEN, CHAMPION AND HISTORIC TREE TABLE

NO.	COMMON NAME	SCIENTIFIC NAME	D.B.H (INCHES)	CRITICAL ROOT ZONE (SQ. FT.)	CONDITION RATING	CONDITION COMMENTS	PRESERVE OR REMOVE	PROTECTION MEASURES	LOCATED ON TCP#
T1	Shingle oak	<i>Quercus imbricaria</i>	31	6793	AVG/POOR	Dead limbs, codominant leaders, poison ivy	PRESERVE	Tree protection fence, install root protection mat before constructing trail	2-018-09
T2	Tulip poplar	<i>Liriodendron tulipifera</i>	42	12469	POOR	Heart rot, poison ivy on trunk/canopy, splitting	PRESERVE	Tree protection fence, install root protection mat before constructing trail	2-018-09
T3	Black cherry	<i>Prunus serotina</i>	31	6793	POOR	Significant heart rot, significant poison ivy, crowded root zone	REMOVE		2-018-09
T4	American sycamore	<i>Platanus occidentalis</i>	31	6793	AVG	Leaning, on steep slope	REMOVE		2-014-91
T-01	Pin oak	<i>Quercus palustris</i>	35	8659	AVG	Broken branches/wood	PRESERVE	No protection necessary	2-018-09
T-02	American elm	<i>Ulmus americana</i>	31	6793	AVG/POOR	Watersprouts, vitis and poison ivy on trunk	PRESERVE	No protection necessary	2-018-09
T-03	Eastern white pine	<i>Pinus strobus</i>	25	4418	GOOD		PRESERVE	Tree protection fence	2-018-09

SOILS TABLE

MAP UNIT SYMBOL	MAP UNIT NAME	K-FACTOR (WHOLE SOIL)	HYDRIC RATING	HYDROLOGIC SOIL GROUP	DRAINAGE CLASS
AaB	ADELPHIA SILT LOAM, 2-5% SLOPES	0.37	UNKNOWN	C	MODERATELY WELL DRAINED
AdB	ADELPHIA-HOLMDEL COMPLEX, 2-5% SLOPES	0.37	PARTIALLY HYDRIC	C	MODERATELY WELL DRAINED
PcB	PICOWAXEN-LIVERPOOL COMPLEX, 2-5% SLOPES	0.20	NOT HYDRIC	C	SOMEWHAT POORLY DRAINED
UraB	URBAN LAND-ADELPHIA COMPLEX, 0-5% SLOPES	-	PARTIALLY HYDRIC	D	MODERATELY WELL DRAINED
WE	WIDEWATER AND ISSUE SOILS, FREQUENTLY FLOODED	0.28	PARTIALLY HYDRIC	C	SOMEWHAT POORLY DRAINED
WuB	WOODSTOWN-URBAN LAND COMPLEX, 0-5% SLOPES	0.24	PARTIALLY HYDRIC	C	MODERATELY WELL DRAINED
W	WATER	-	UNKNOWN	-	-
SRA	SHREWSBURG LOAM, 0-2% SLOPES	0.28	PARTIALLY HYDRIC	C/D	POORLY DRAINED

Woodland Conservation Worksheet  
for  
Prince George's County Government Projects

Property Description or Subdivision Name: TCP2-018-09-02 Southern Regional Tech-Rec Complex

Zone:  
Gross Tract:  
Existing Woodland = WCT  
Woodland Previously Cleared  
Total area of woodland cleared (subject to 1:1 replacement)  
Off-Site Mitigation Provided (afforestation)  
Off-Site Mitigation Provided (preservation)  
Woodland Conservation Requirement:

R-O-S	27.11
19.95	or 73.59%
8.96	
8.96	
0.00	
0.00	
19.95	

Woodland Conservation Provided:  
Woodland preserved  
Afforestation  
Reforestation  
Prior Credit for Off-site WC Banking  
Current Credit for Off-site WC Banking  
Off-site WC Banking provided (afforestation)  
Off-site WC Banking provided (preservation)  
Area Mitigated by Woodland Conservation Fund  
Total Woodland Conservation Provided:

10.99	Location: Unknown
0.00	Location: TCP2-014-91
0.00	
0.96	
0.00	
0.00	
0.00	
0.00	
19.95	or \$0.00

Prepared by:  
License Number:

Signed \_\_\_\_\_ Date \_\_\_\_\_

Revised 7/1/06

Table B-1. Natural Resources Inventory Statistics Table

Site Statistics	Total
Gross Tract Area	27.03
Existing 100-year floodplain	7.82
Net Tract Area	19.21
Existing woodland in the floodplain	6.98
Existing woodland net tract	5.20
Existing woodland total	11.12
Existing PMA	3.17
Regulated streams (linear feet of centerline)	1341.54

PROPERTY OWNERS AWARENESS CERTIFICATE

I/WE, AMT ENGINEERING & ASSOCIATES, INC., 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.

Andrew Streagle  
OWNER OR OWNERS REPRESENTATIVE

4/18/19  
DATE

QUALIFIED PROFESSIONAL CERTIFICATION

THIS COMPLIES WITH THE CURRENT REQUIREMENTS OF PRINCE GEORGE'S COUNTY CODE AND THE ENVIRONMENTAL TECHNICAL MANUAL.

SIGNED: Andrew Streagle  
ANDREW STREAGLE - MD R/A #3381  
AMT ENGINEERING & ASSOCIATES, INC.  
800 KING FARM BOULEVARD, 4TH FLOOR  
ROCKVILLE, MD 20850

PH: 301-681-2245  
EMAIL: astreagle@amtingeering.com

LEGEND

- SITE BOUNDARY
- LIMIT OF DISTURBANCE
- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- EXISTING CONTOURS
- PROPOSED CONTOURS
- STEEP SLOPES (15% OR GREATER)
- SOIL TYPE
- SOILS BOUNDARY
- T.O.B. T.O.B. STREAM
- SB STREAM BUFFER
- EDGE OF LAKE
- EDGE OF EXISTING FOREST
- FOREST EDGE AFTER CONSTRUCTION
- EXISTING HEDGEROW OR OTHER NON-WOODLAND AREA
- SPECIMEN TREE
- TREE TO BE REMOVED
- ADJACENT PROPERTY (TCP2 2-014-91)
- WOODLAND PRESERVATION AREA (WPA)
- WOODLAND AFFORESTATION AREA
- CLEARED FLOODPLAIN (C-FP)
- CLEARED NET TRACT AREA (C-NTA)
- PPF PERMANENT TREE PROTECTION FENCING
- TP TEMPORARY TREE PROTECTION FENCING
- PERMANENT AFFORESTATION SIGN
- TEMPORARY TREE PROTECTION SIGNS
- FP 100-YEAR EXISTING FLOODPLAIN (FP MODEL BY AMT IN 2016)
- FP 100-YEAR PROPOSED FLOODPLAIN (FP MODEL BY AMT IN 2016)

General Information Table

Layer Category	Layer Name	Value
Zone	Zoning (Zone)	R-O-5
Zone	Aviation Policy Area (APA)	N/A
Administrative	Tax Grid (TMG)	105-D2
Administrative	WSSC Grid (Sheet 20)	2095E02, 2105E02
Administrative	Planning Area (Plan Area)	7, 7B, Henson Creek
Administrative	Election District (ED)	12, Oxen Hill
Administrative	Councilmanic District (CD)	8
Administrative	General Plan 2002 Tier (Tier)	Developing
Administrative	Traffic Analysis Zone (COG) (TAZ-COG)	795
Administrative	PG Traffic Analysis Zone (TAZ-PG)	2577

TABLE OF REVISION

PLAN NUMBER	PURPOSE OF REVISION	AMOUNT OF CLEARING	MITIGATION PROVIDED
00 ORIGINAL	CONSTRUCTION OF RECREATIONAL/ EDUCATIONAL FACILITY	8.00 ACRES	9.00 ACRES OFF-SITE WOODLAND CONSERVATION
01 REVISION	CONSTRUCTION OF MIXED-USE TRAIL BETWEEN TECH-REC & BOCK ROAD MAINTENANCE YARD	0.46 ACRES	0.00 ACRES ON-SITE (0.46 ACRES PROVIDED ON TCP2-014-91)
01B REVISION	REDUCTION OF MIXED-USE TRAIL BETWEEN TECH-REC & BOCK ROAD MAINTENANCE YARD	0.36 ACRES	0.00 ACRES ON-SITE (NEGATES PREVIOUS '01 0.36 ACRES PROVIDED ON TCP2-014-91)
02 REVISION	CONSTRUCTION OF NEW AQUATICS FACILITY	0.00 ACRES	0.00 ACRES

Prin George's County Planning Department, M-NCPPC

ENVIRONMENTAL PLANNING SECTION

TREE CONSERVATION PLAN APPROVAL

TCP2-018-09

Approved by	Date	DRD #	Reason for Revision
00 KIF	6/18/2009	NA	Staff Level Approval
01 KIF	8/21/2013	NA	Connector Trail Added
02 Kim A. Fusch	4/24/2019	NA	Aquatics Center Added
03			
04			
05			
06			

THIS PLAN IS FOR TREE PROTECTION/ FOREST CONSERVATION PLAN PURPOSES ONLY

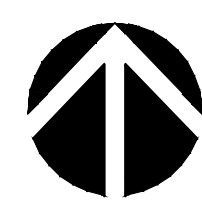
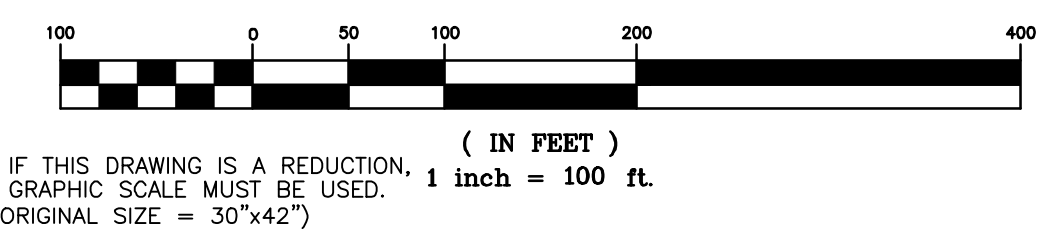
NOTE: GENERALLY, ROOT PRUNING AND TREE PROTECTION FENCE ARE LOCATED AT THE LIMIT OF DISTURBANCE. THEREFORE, THE LAYOUT OF LINES DEPICTING TREE PROTECTION FENCE AND ROOT PRUNING IS DIAGRAMMATIC, AND FOR REFERENCE ONLY. PLEASE REFER TO THE STRESS REDUCTION DETAILS FOR MORE INFORMATION.

NO AFFORESTATION OR REFORESTATION WILL OCCUR ON THE SOUTHERN REGIONAL TECH-REC PROPERTY (TCP2-018-09/01). AFFORESTATION AS PART OF THE WOODLAND CONSERVATION REQUIREMENTS WILL BE FULFILLED ENTIRELY ON THE BOCK MAINTENANCE YARD PROPERTY (TCP2-014-91/02). AS PART OF THE CONSTRUCTION OF THE PROPOSED CONNECTOR TRAIL, 0.96 ACRES OF WOODLAND WILL BE CLEARED FROM THE TECH-REC PROPERTY. AN ADDITIONAL 0.12 ACRES WILL BE CLEARED FOR THE CONSTRUCTION OF THE CONNECTOR TRAIL AT THE BOCK ROAD PROPERTY. WHEN THE CLEARING FROM THE TWO PROPERTIES IS COMBINED, WOODLAND CONSERVATION TOTALS 1.08 ACRES. THIS 1.08 ACRES OF AFFORESTATION MUST BE PLANTED AS SHOWN ON THE BOCK ROAD TCP#.

SEE FC-103 ON TCP2-014-91/02 FOR PLANT SCHEDULE. SEE SAME PAGE FOR DETAILS REGARDING AFFORESTATION PLANTING, PERMANENT PROTECTION, MAINTENANCE AND PLANTING LAYOUT.

LIMITS OF DISTURBANCE = 202,277 SF OR 4.64 AC

GRAPHIC SCALE



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CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF THE PRINCE GEORGE'S COUNTY CODE.

PERMIT  
SUBMISSION

THESE DOCUMENTS WERE  
PREPARED BY  
ME AND THAT I AM A DULY  
LICENSED PROFESSIONAL  
ENGINEER UNDER THE LAWS  
OF THE STATE OF MARYLAND.  
LICENSE NO. 50762  
EXPIRATION DATE 06/30/2020

7011 Bock Road  
Fort Washington, MD 20744

TREE CONSERVATION PLAN  
AQUATIC FACILITY  
SOUTHERN REGIONAL TECHNOLOGY & RECREATION COMPLEX

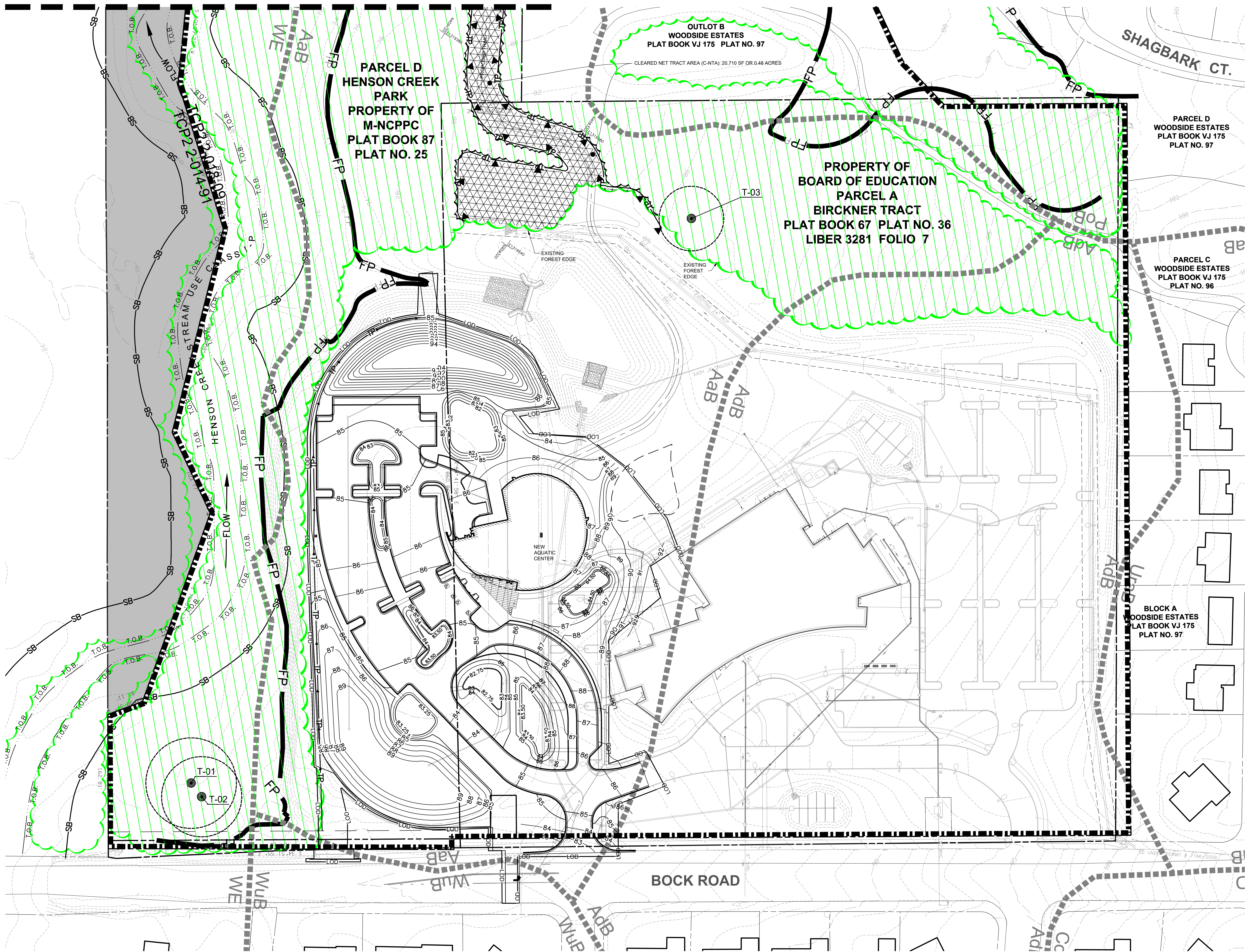
FC-100

AMT  
A. MATTING  
ENGINEERING & ASSOCIATES, INC.  
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WWW.AMTENGINEERING.COM

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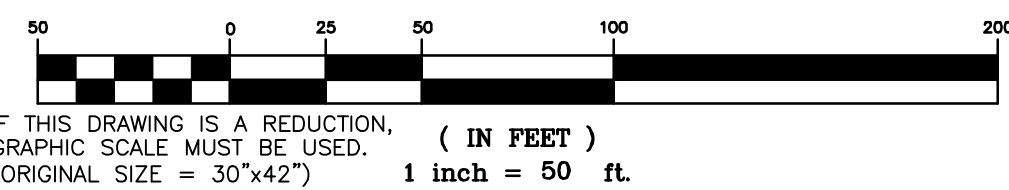
MATCH LINE - SEE SHEET FC-102



LEGEND

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GRAPHIC SCALE



BOCK ROAD

SHAGBARK CT.

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03-15-2019

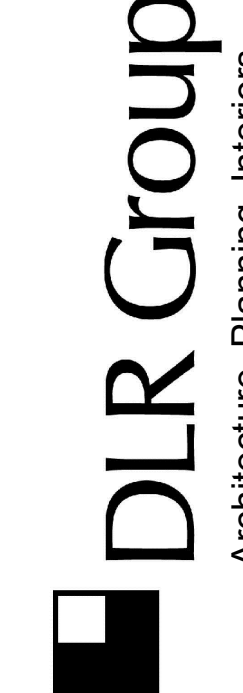
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 35762, EXPIRATION DATE 08/01/2020.

7011 Bock Road, Fort Washington, MD 20744

TREE CONSERVATION PLAN  
AQUATIC FACILITY  
SOUTHERN REGIONAL TECHNOLOGY & RECREATION COMPLEX

FC-101

55-14-102-00  
03/15/2019  
Revisions



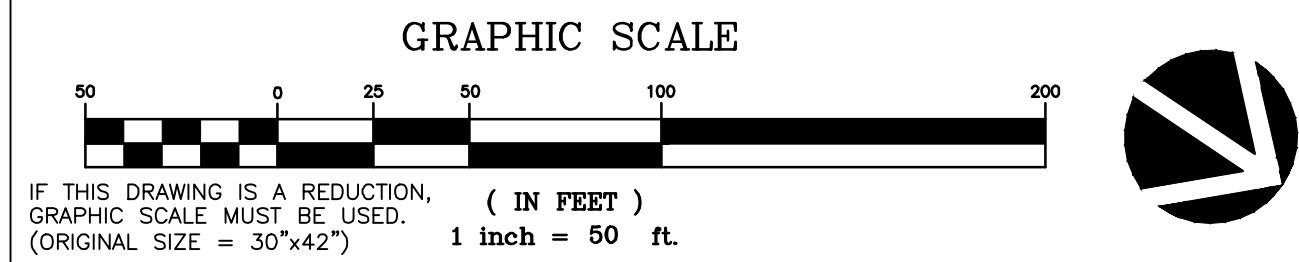
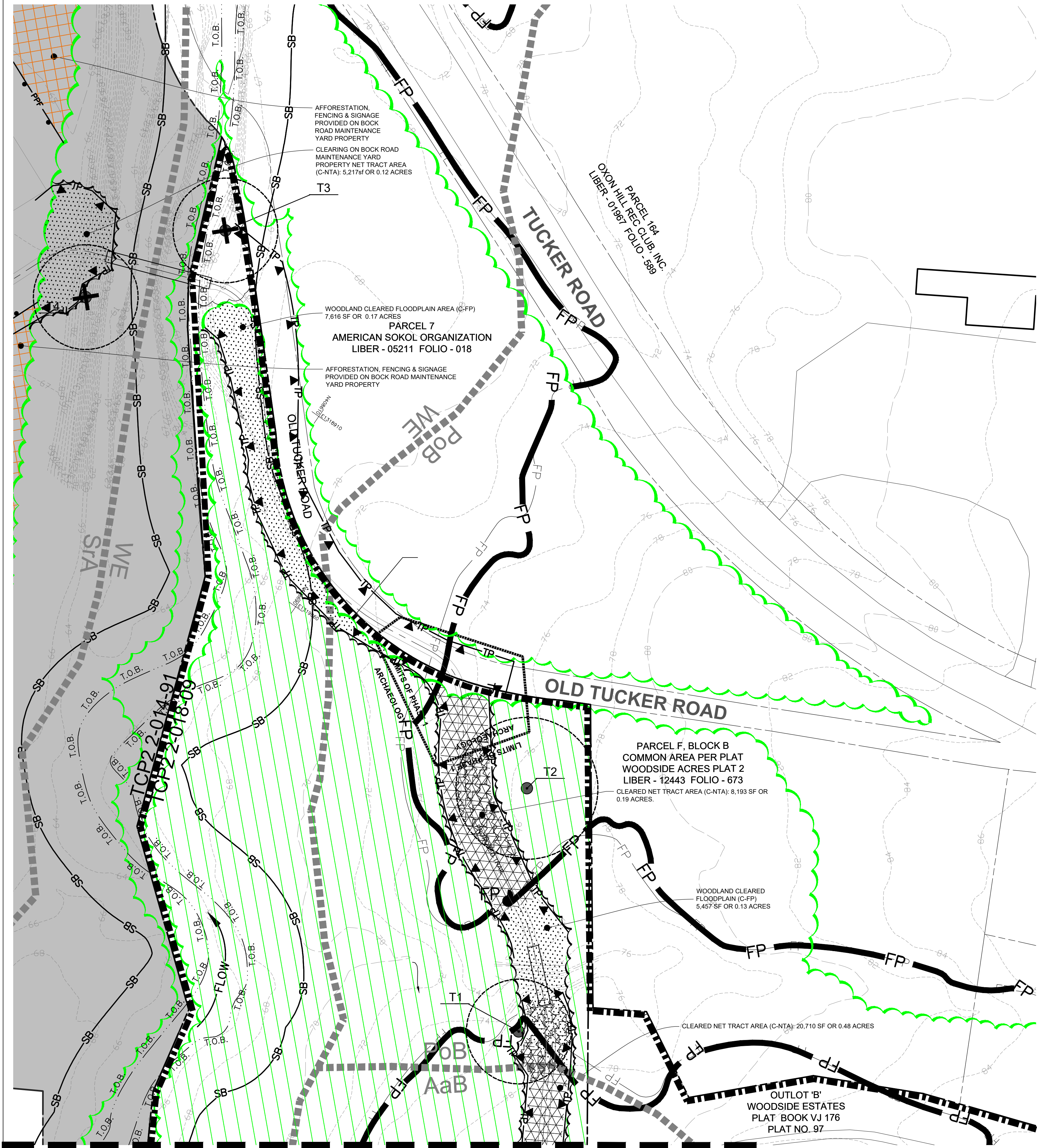
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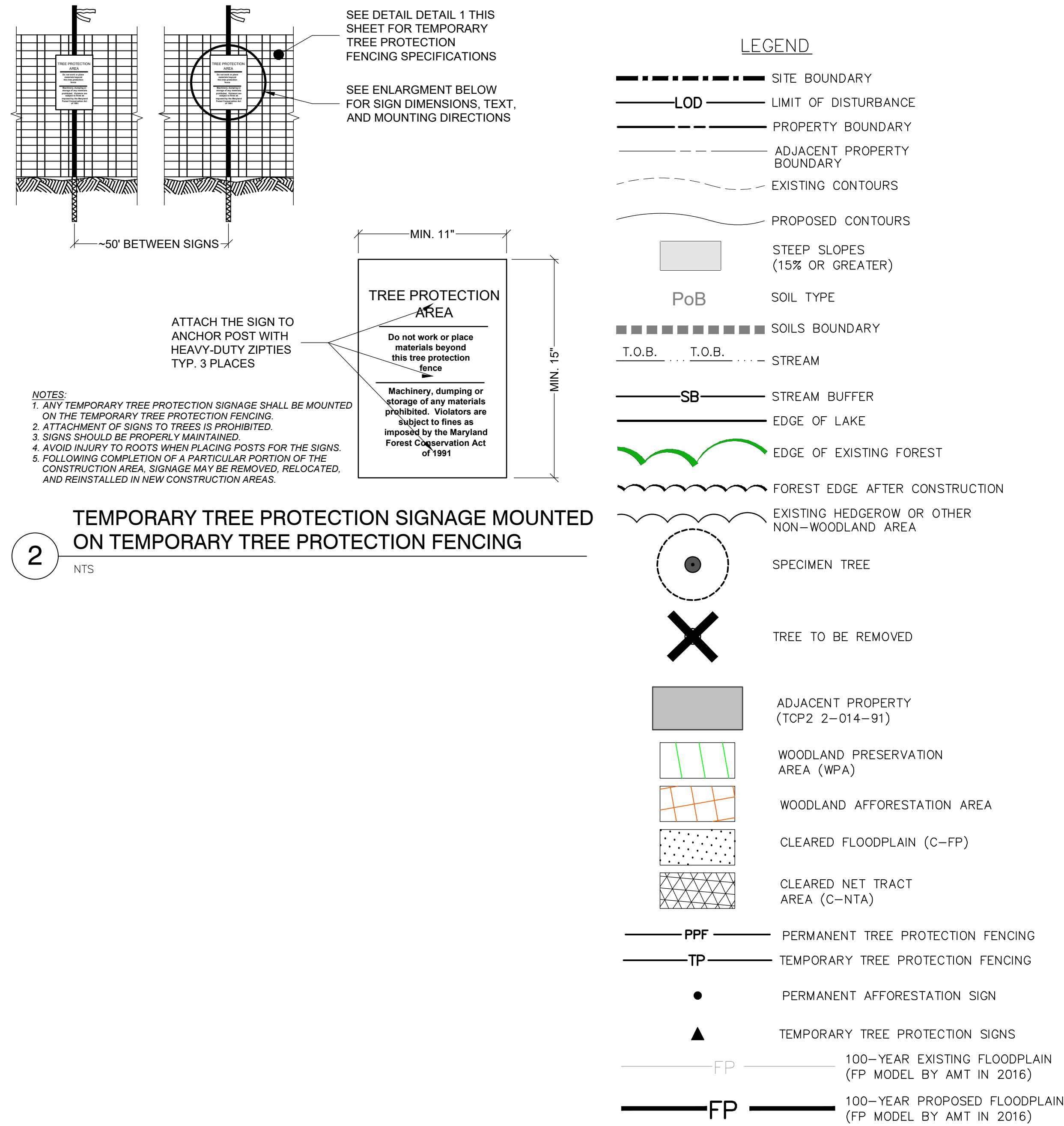
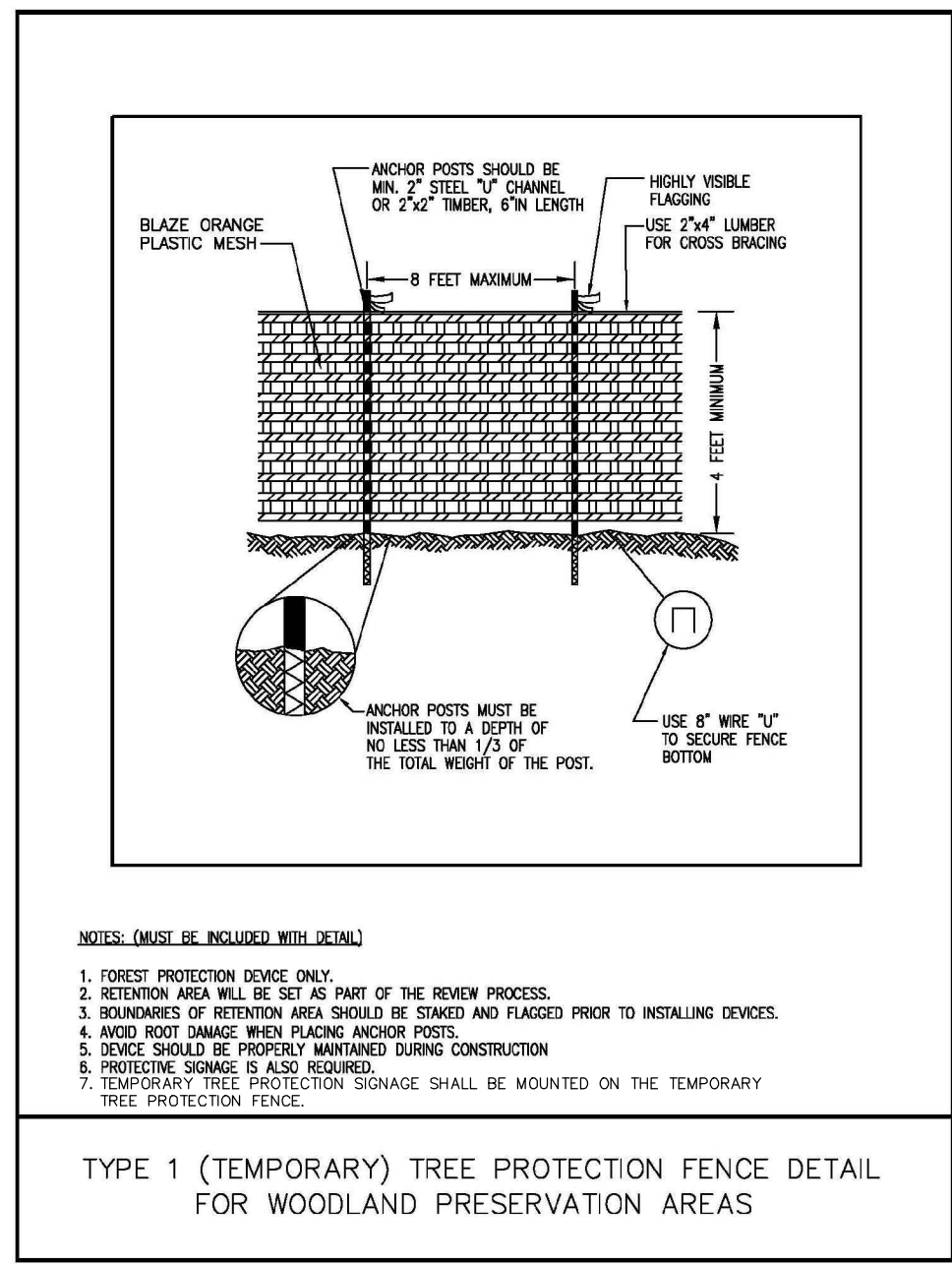




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Prince George's County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2-018-09			
Approved by	Date	DRD #	Reason for Revision
00 KIF	6/18/2009	NA	Staff Level Approval
01 KIF	8/21/2013	NA	Connector Trail Added
02 Kim A. Funch	4/24/2019	NA	Aquatics Center Added
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04			
05			
06			

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FOREST CONSERVATION PLAN PURPOSES ONLY

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TREE CONSERVATION PLAN & DETAILS  
AQUATIC FACILITY  
SOUTHERN REGIONAL TECHNOLOGY & RECREATION COMPLEX

FC-102  
565-14-102-00  
03/15/2019  
Revisions

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