

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, root pruning	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	PRESERVE	Tree protection fence	2-018-91
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

WOODLAND CONSERVATION SUMMARY TABLE									
SHEET	GROSS PROJECT AREA (FP)	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 AFFORESTED (WRA)
1	52.05	45.97	6.08	0.71	7.51	0.00	0.06	8.16	0.52
TOTAL	52.05	45.97	6.08	0.71	7.51	0.00	0.06	8.16	0.52

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

**Woodland Conservation Worksheet**  
for  
**Prince George's County Government Projects**

Property Description or Subdivision Name: Henson Creek Trail Connector

Zone: R-O-S

Gross Project Area: 52.05

Existing Woodland = WCT: 0.06

Woodland cleared (Subject to 1:1 replacement): 0.06

Off-Site Mitigation Provided (Afforestation): 0.00

Off-Site Mitigation Provided (Preservation): 0.00

Woodland Conservation Requirement: 8.22

Woodland Conservation Provided: 8.68

Woodland Preserved: 8.16

Afforestation: 0.52

Reforestation: 0.00

Prior Credit for Off-site WC Banking: 0.00

Current Credit for Off-site WC Banking: 0.00

Off-site WC Banking Provided (Afforestation): 0.00

Off-site WC Banking Provided (Preservation): 0.00

Area Mitigated by Woodland Conservation Fund: 0.00

Total Woodland Conservation Provided: 8.68

Prepared by: Steven D. Torgerson, RLA

License Number: 3520

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

MANPCP  
PRINCE GEORGE'S PLANNING DEPARTMENT  
ENVIRONMENTAL PLANNING SECTION  
TREE CONSERVATION PLAN

**TCP2-014-91**

PLAN NUMBER	PURPOSE OF REVISION	AMOUNT OF CLEARING	MITIGATION PROVIDED
00 ORIGINAL	CONSTRUCTION OF ADMINISTRATION BUILDING	N/A	3.2 ACRES ON-SITE PRESERVATION
01 REVISION	CONSTRUCTION OF STORAGE BUILDING	N/A	3.2 ACRES ON-SITE PRESERVATION
02 REVISION	CONSTRUCTION OF WOODCURE TRAIL BETWEEN TECH ARE & BOCK ROAD MAINTENANCE YARD	0.06 ACRES	0.06 ACRES (0.46 ACRES PROVIDED FOR TCP2-018-09)

Revised 7/1/06

**LEGEND**

LOD LIMIT OF DISTURBANCE

PROPERTY BOUNDARY

EXISTING CONTOURS

PROPOSED CONTOURS

STEEP SLOPES (15% OR GREATER)

PoB SOIL TYPE

SOILS BOUNDARY

T.O.B. T.O.B. STREAM

SB STREAM BUFFER

FP 100-YEAR FEMA FLOODPLAIN (1987)

FP ANALYSIS BY AMT (2013)

EDGE OF LAKE

EDGE OF EXISTING FOREST

EXISTING HEDGEROW OR OTHER NON-WOODLAND AREA

SPECIMEN TREE

TREE TO BE REMOVED

ADJACENT PROPERTY (TCP2 2-018-09)

WOODLAND PRESERVATION AREA (WPA)

WOODLAND AFFORESTATION AREA

CLEARED FLOODPLAIN AREA (C-FP)

CLEARED NET TRACT AREA (C-NTA) (TCP2-018-09 ONLY)

ROOT PRUNING

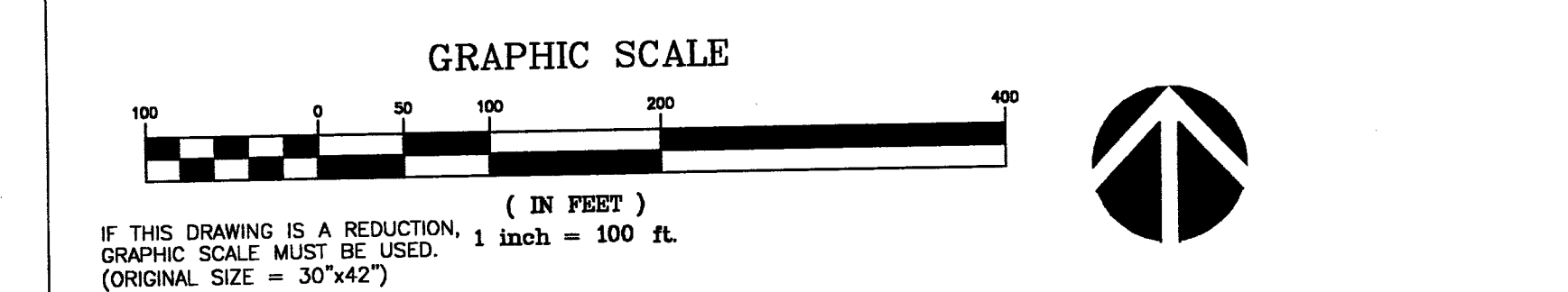
PPF PERMANENT TREE PROTECTION FENCING

TP TEMPORARY TREE PROTECTION FENCING

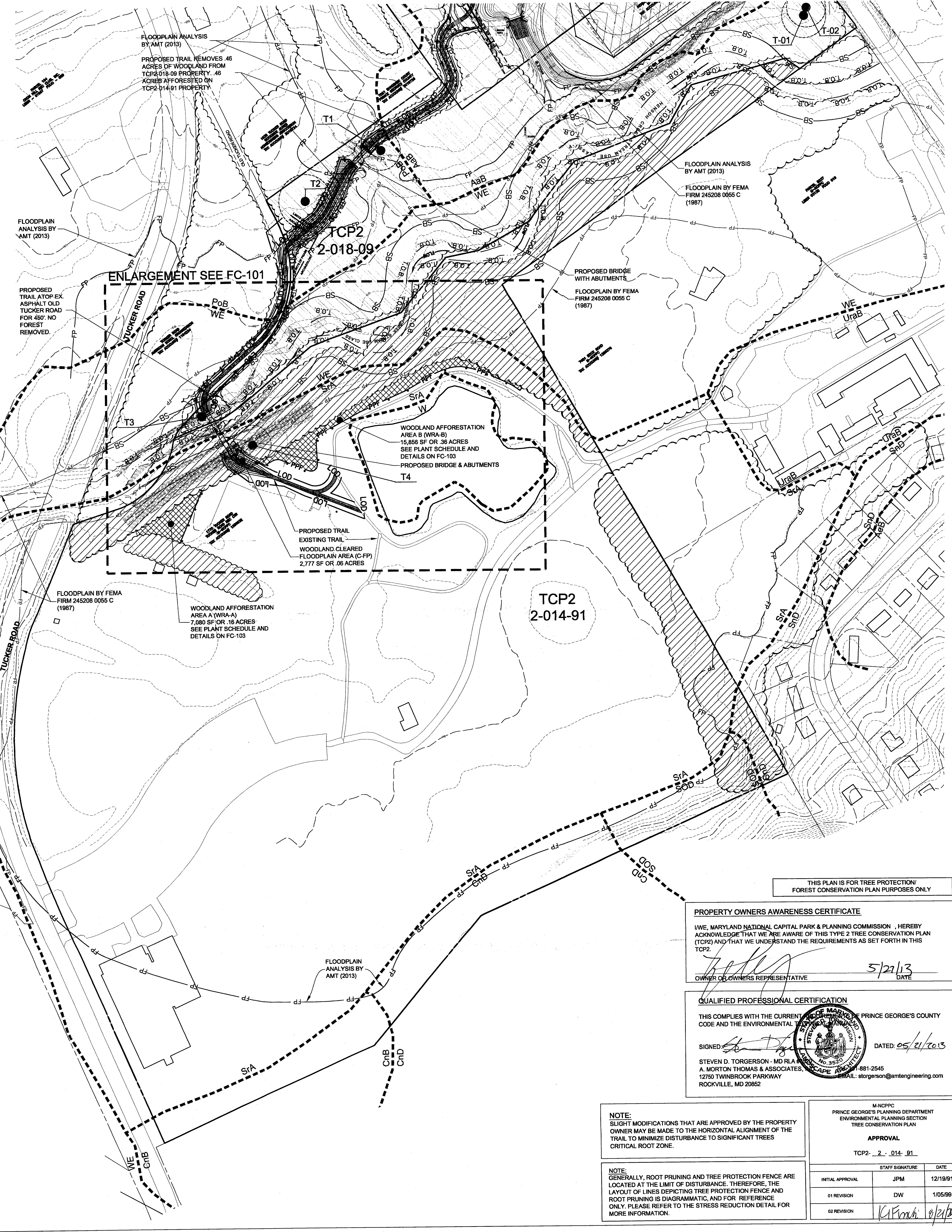
PERMANENT AFFORESTATION SIGN

TEMPORARY TREE PROTECTION SIGNS

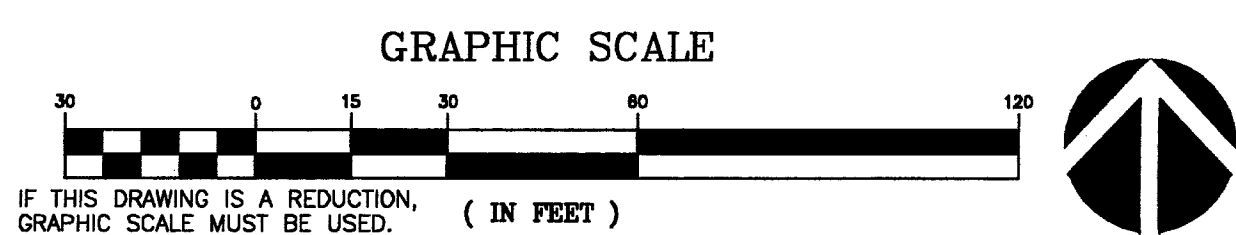
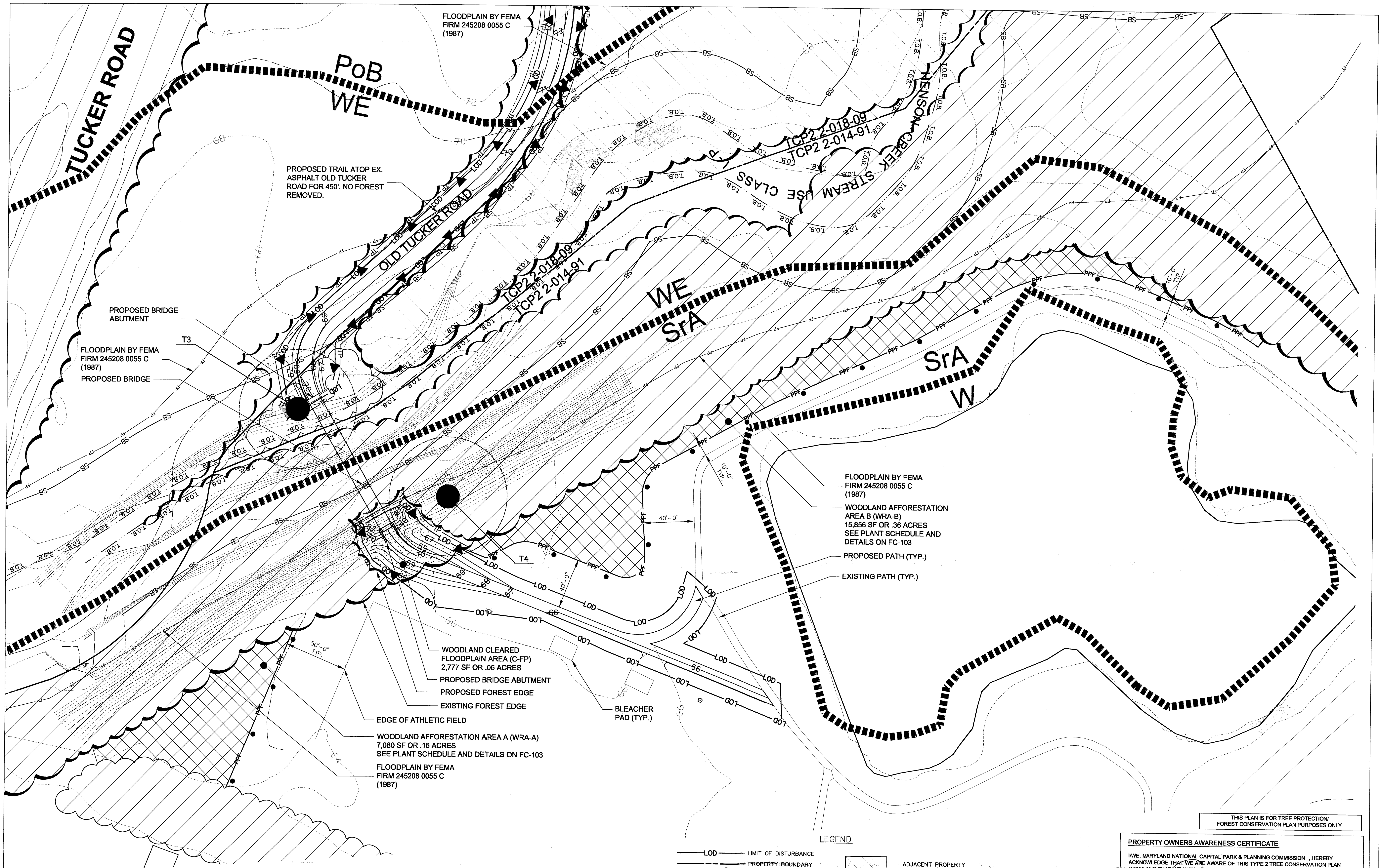
SOILS TABLE					
MAP UNIT SYMBOL	MAP UNIT NAME	K-FACTOR (WHOLE SOIL)	HYDRIC RATING	HYDROLOGIC SOIL GROUP	DRAINAGE CLASS
AmB	ADELPHI-HOLMDEL-URBAN LAND COMPLEX, 0-5% SLOPES	-	PARTIALLY HYDRIC	C	MODERATELY WELL DRAINED
CnB	COLLINGTON-WIST COMPLEX, 2-5% SLOPES	0.32	NOT HYDRIC	B	WELL DRAINED
CnD	COLLINGTON-WIST COMPLEX, 10-15% SLOPES	0.28	NOT HYDRIC	B	WELL DRAINED
PoB	PICCOMAXEN-LIVERPOOL COMPLEX, 2-5% SLOPES	0.20	NOT HYDRIC	C	SOMEWHAT POORLY DRAINED
ShD	SASSAFRAS-URBAN LAND COMPLEX, 5-15% SLOPES	0.28	NOT HYDRIC	B	WELL DRAINED
SOD	SASSAFRAS AND CROOM SOILS, 10-15% SLOPES	0.28	NOT HYDRIC	B	WELL DRAINED
SA	SHREWSBURY LOAM, 0-2% SLOPES	0.26	PARTIALLY HYDRIC	C/D	POORLY DRAINED
UraB	URBAN LAND-ADELPHI COMPLEX, 0-5% SLOPES	-	PARTIALLY HYDRIC	D	MODERATELY WELL DRAINED
W	WATER	-	UNKNOWN HYDRIC	-	-
WE	WIDEWATER AND ISSUE SOILS, FREQUENTLY FLOODED	0.28	PARTIALLY HYDRIC	C	SOMEWHAT POORLY DRAINED



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.







**MISS UTILITY**  
48 HOURS BEFORE YOU DIG  
CALL "MISS UTILITY" AT 811  
OR LOG ON TO [www.missutility.net](http://www.missutility.net)  
Call before you dig.

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.

- LEGEND**
- LOD LIMIT OF DISTURBANCE
  - PROPERTY BOUNDARY
  - EXISTING CONTOURS
  - PROPOSED CONTOURS
  - STEEP SLOPES (15% OR GREATER)
  - PoB SOIL TYPE
  - SOILS BOUNDARY
  - T.O.B. STREAM
  - SB STREAM BUFFER
  - FP 100-YEAR FEMA FLOODPLAIN (1987)
  - EDGE OF LAKE
  - EDGE OF EXISTING FOREST
  - EXISTING HEDGEROW OR OTHER NON-WOODLAND AREA
  - SPECIMEN TREE
  - TREE TO BE REMOVED
  - ADJACENT PROPERTY (TCP2 2-018-09)
  - WOODLAND PRESERVATION AREA (WPA)
  - WOODLAND AFFORESTATION AREA
  - CLEARED FLOODPLAIN AREA (C-FP)
  - PERMANENT TREE PROTECTION FENCING
  - TEMPORARY TREE PROTECTION FENCING
  - PERMANENT AFFORESTATION SIGN
  - TEMPORARY TREE PROTECTION SIGNS

FLOODPLAIN BY FEMA FIRM 245208 0055 C (1987)  
WOODLAND AFFORESTATION AREA B (WRA-B) 15,856 SF OR .36 ACRES SEE PLANT SCHEDULE AND DETAILS ON FC-103  
PROPOSED PATH (TYP.)  
EXISTING PATH (TYP.)

WOODLAND CLEARED FLOODPLAIN AREA (C-FP) 2,777 SF OR .06 ACRES  
PROPOSED BRIDGE ABUTMENT  
PROPOSED FOREST EDGE  
EXISTING FOREST EDGE  
EDGE OF ATHLETIC FIELD

WOODLAND AFFORESTATION AREA A (WRA-A) 7,080 SF OR .16 ACRES SEE PLANT SCHEDULE AND DETAILS ON FC-103  
FLOODPLAIN BY FEMA FIRM 245208 0055 C (1987)

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

**PROPERTY OWNERS AWARENESS CERTIFICATE**

I/WE, MARYLAND NATIONAL CAPITAL PARK & PLANNING COMMISSION, 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

5/21/13  
DATE

**QUALIFIED PROFESSIONAL CERTIFICATION**

THIS COMPLIES WITH THE CURRENT TREE PROTECTION CODE AND THE ENVIRONMENTAL DESIGN CODE OF PRINCE GEORGE'S COUNTY

SIGNED: *[Signature]*

DATED: 5/21/13

STEVEN D. TORGERSOHN - MD LICENSED LANDSCAPE ARCHITECT  
12750 TWINBROOK PARKWAY  
ROCKVILLE, MD 20852  
PHONE: 301-881-2545  
EMAIL: [storgersohn@amtengineering.com](mailto:storgersohn@amtengineering.com)

**NOTE:**  
SLIGHT MODIFICATIONS THAT ARE APPROVED BY THE PROPERTY OWNER MAY BE MADE TO THE HORIZONTAL ALIGNMENT OF THE TRAIL TO MINIMIZE DISTURBANCE TO SIGNIFICANT TREES CRITICAL ROOT ZONE.

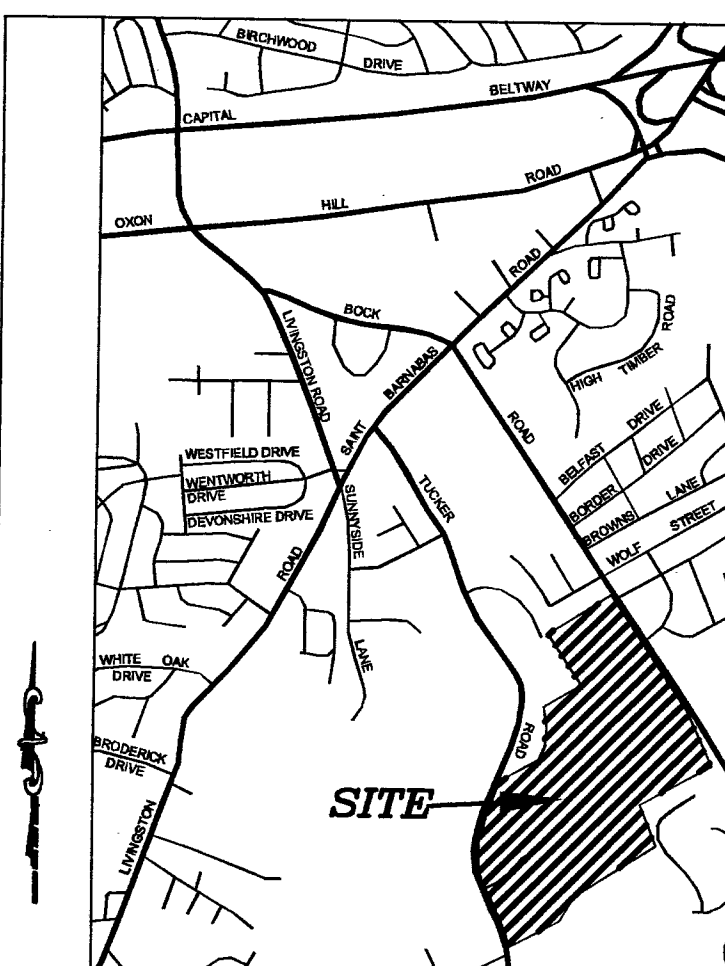
**NOTE:**  
GENERALLY, ROOT PRUNING AND TREE PROTECTION FENCE ARE LOCATED AT THE LIMIT OF DISTURBANCE. THEREFORE, THE LAYOUT OF LINES DEPICTING TREE PROTECTION FENCE AND ROOT PRUNING IS DIAGRAMMATIC, AND FOR REFERENCE ONLY. PLEASE REFER TO THE STRESS REDUCTION DETAIL FOR MORE INFORMATION.

PRINCE GEORGE'S PLANNING DEPARTMENT  
ENVIRONMENTAL PLANNING SECTION  
TREE CONSERVATION PLAN

APPROVAL

TCP2-2-014-91

STAFF SIGNATURE	DATE
INITIAL APPROVAL	JPM 12/19/91
01 REVISION	DW 1/05/99
02 REVISION	



**VICINITY MAP**

SCALE: 1"=2.000'  
COPYRIGHT ADC THE MAP PEOPLE  
PERMITTED USE NUMBER 20808170  
TAX MAP 105 GRID D3  
ADC MAP PAGE 23 GRID J7&J8  
WSSC GRID: 209 SE 02 / 210 SE 02

DATE	DESCRIPTION

"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31196, EXPIRATION DATE 01/16/2015."

Seal

**AMT**  
A. MORTON THOMAS AND ASSOCIATES, INC.  
CONSULTING ENGINEERS  
12750 TWINBROOK PARKWAY, ROCKVILLE, MD 20852  
(301) 881-2545 FAX (301) 881-2544  
EMAIL: [amt@mtengineering.com](mailto:amt@mtengineering.com)

HENSON CREEK TRAIL CONNECTOR  
HENSON CREEK PARK  
FORT WASHINGTON, MD



OWNER:  
MARYLAND NATIONAL CAPITAL PARK & PLANNING COMMISSION

Scale: AS SHOWN

Date: MAY 2013

Drawn by: AMR, MMW

Checked by: AES, SDT

AMT Project Number: 108-359.001

Drawing Title

TREE CONSERVATION PLAN  
HENSON CREEK CONNECTOR TRAIL  
AT BOCK ROAD MAINTENANCE YARD

Drawing Number

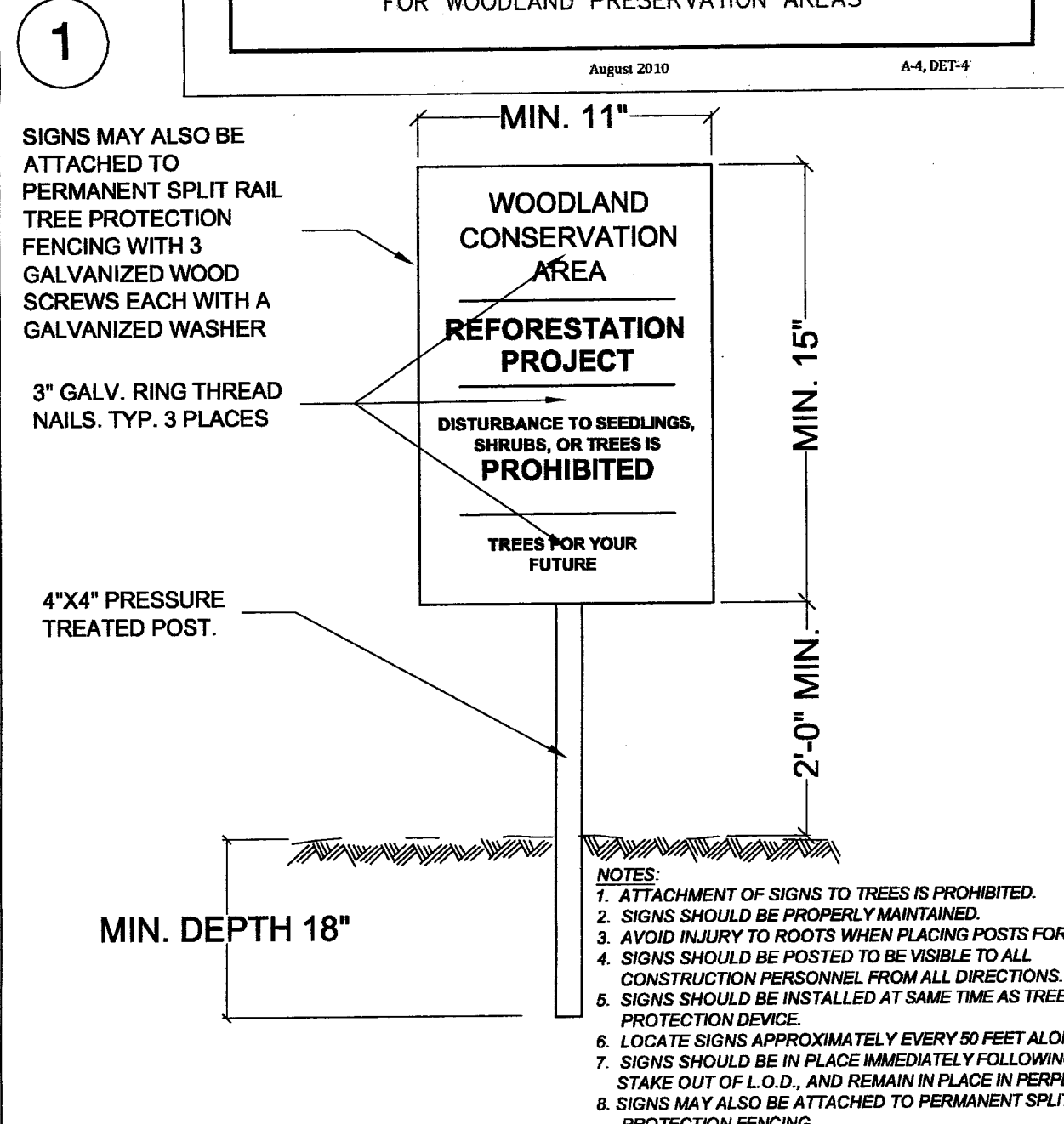
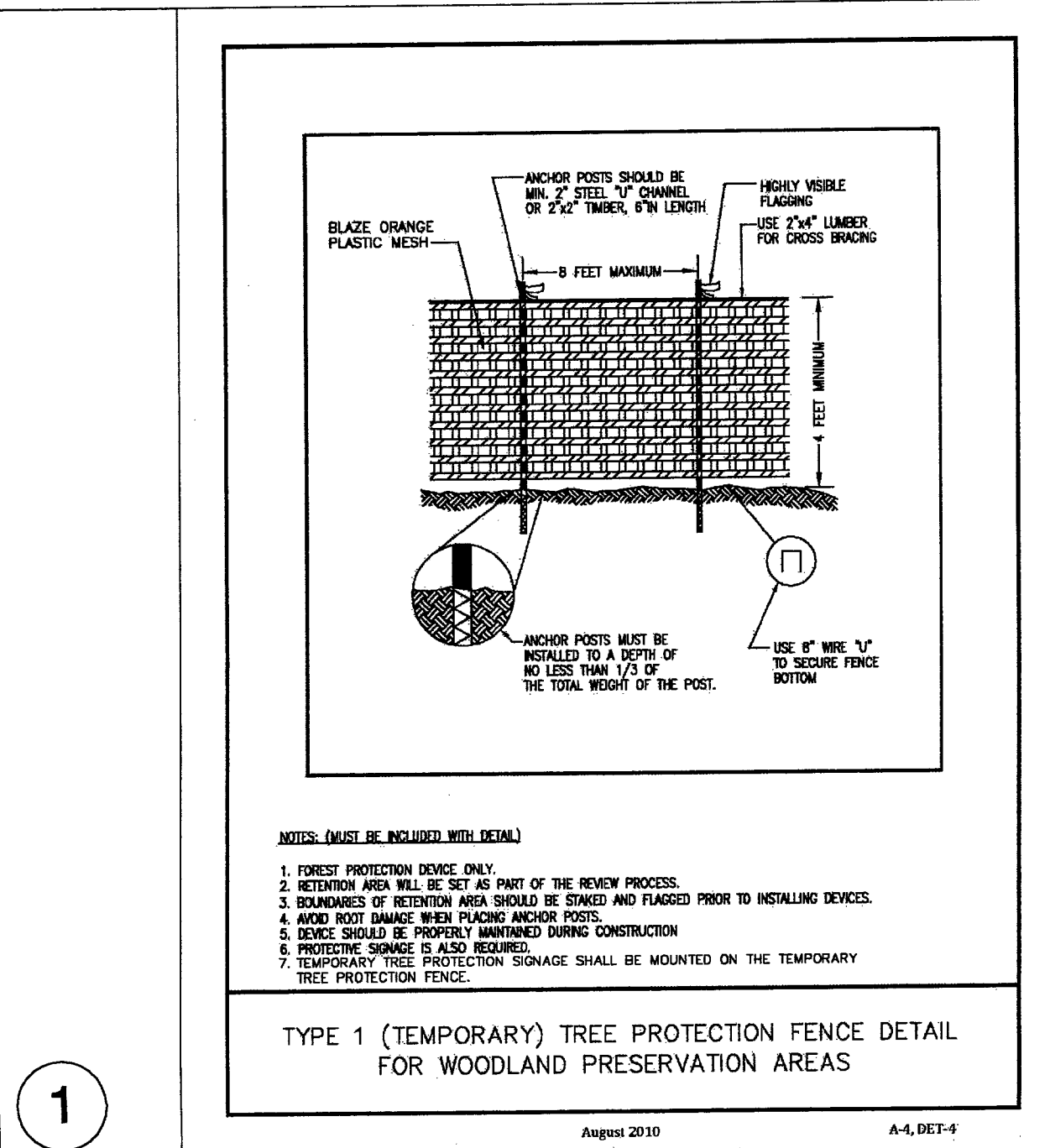
**FC-101**





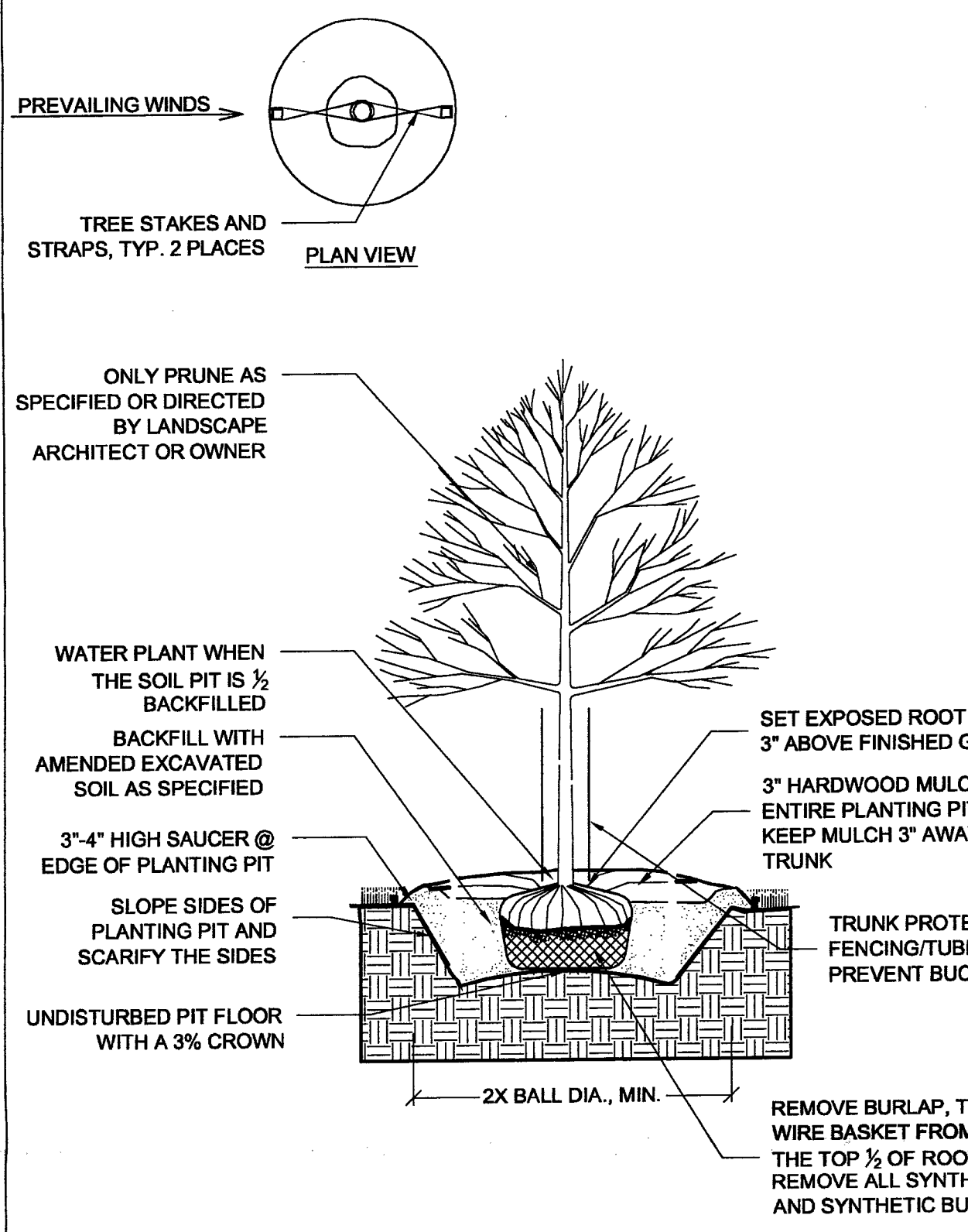


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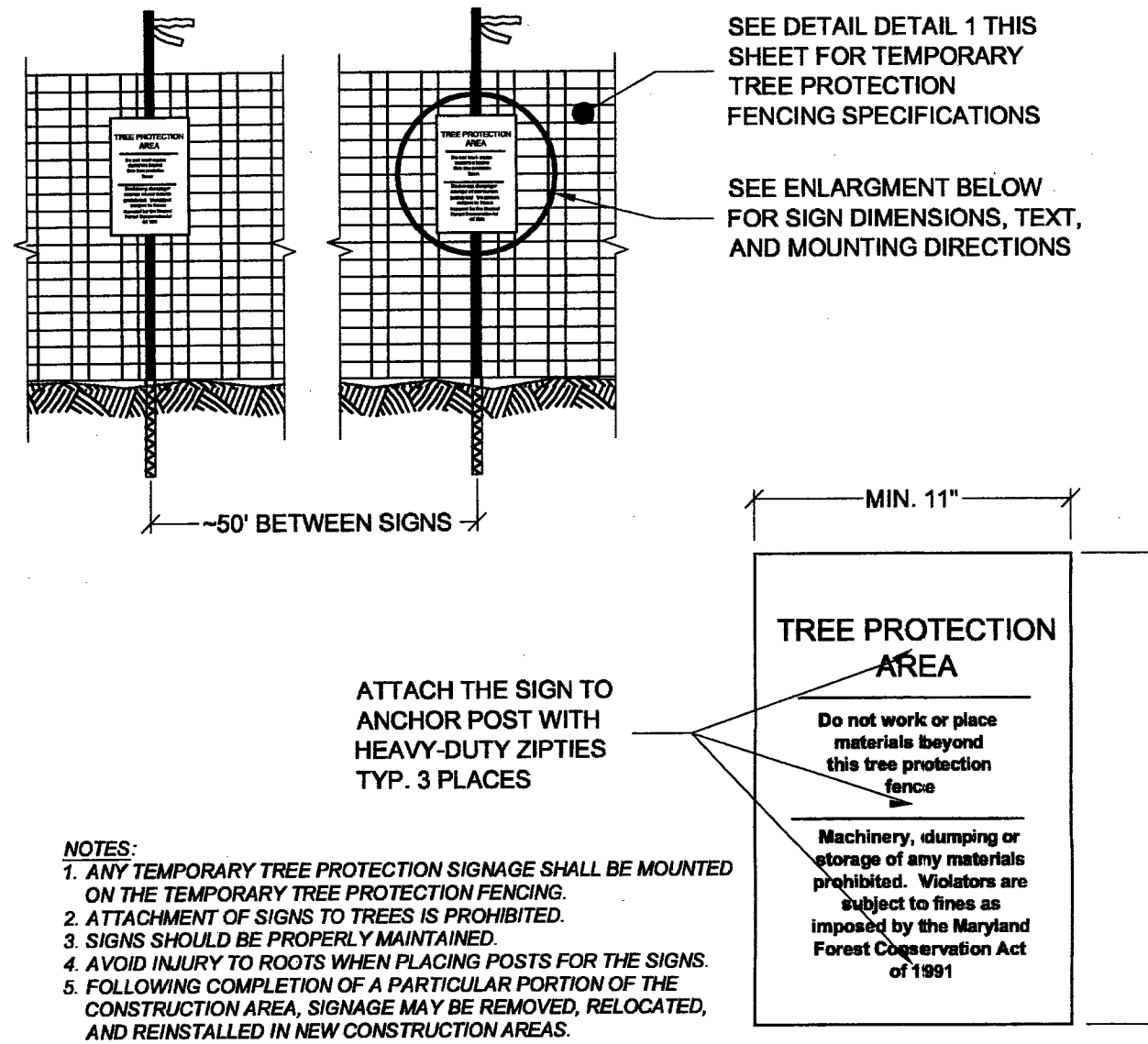
#### 5 REFORESTATION AREA SIGNAGE

NTS 329303-02



#### 8 STANDARD DECIDUOUS TREE PLANTING

NOT TO SCALE



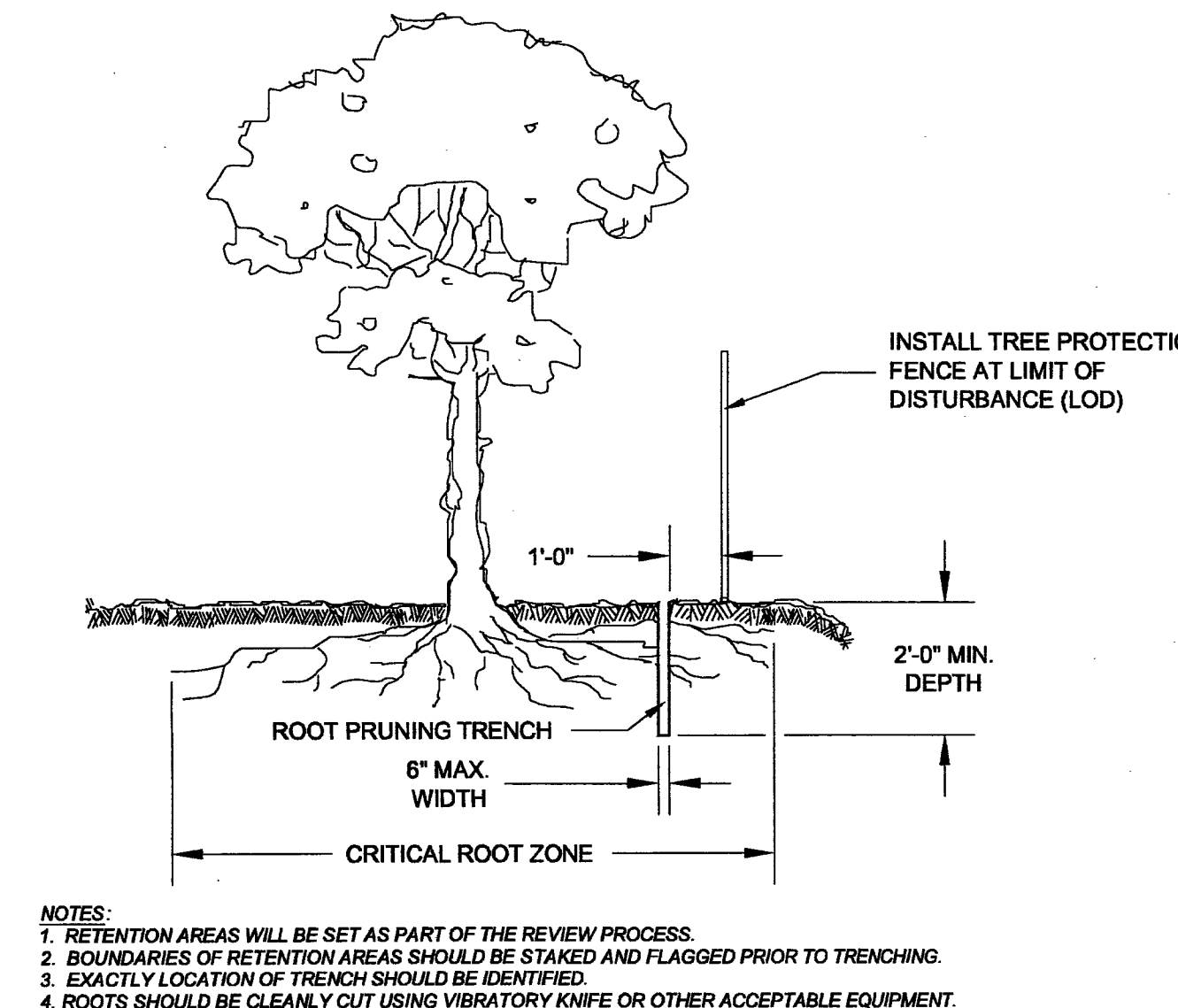
#### 6 PLANTING AND MAINTENANCE CALENDAR

NTS 329303-03

TASKS	MONTHS
TRANSPLANT OF 2" DBH OR GREATER	Jan Feb Mar Apr May June July Aug Sep Oct Nov+ Dec+
PLANTING	
SEEDLINGS, WHIPS	
MINIMUM MONITORING	
FERTILIZER (IF NEEDED) +	
WATER ++	
PRUNING	

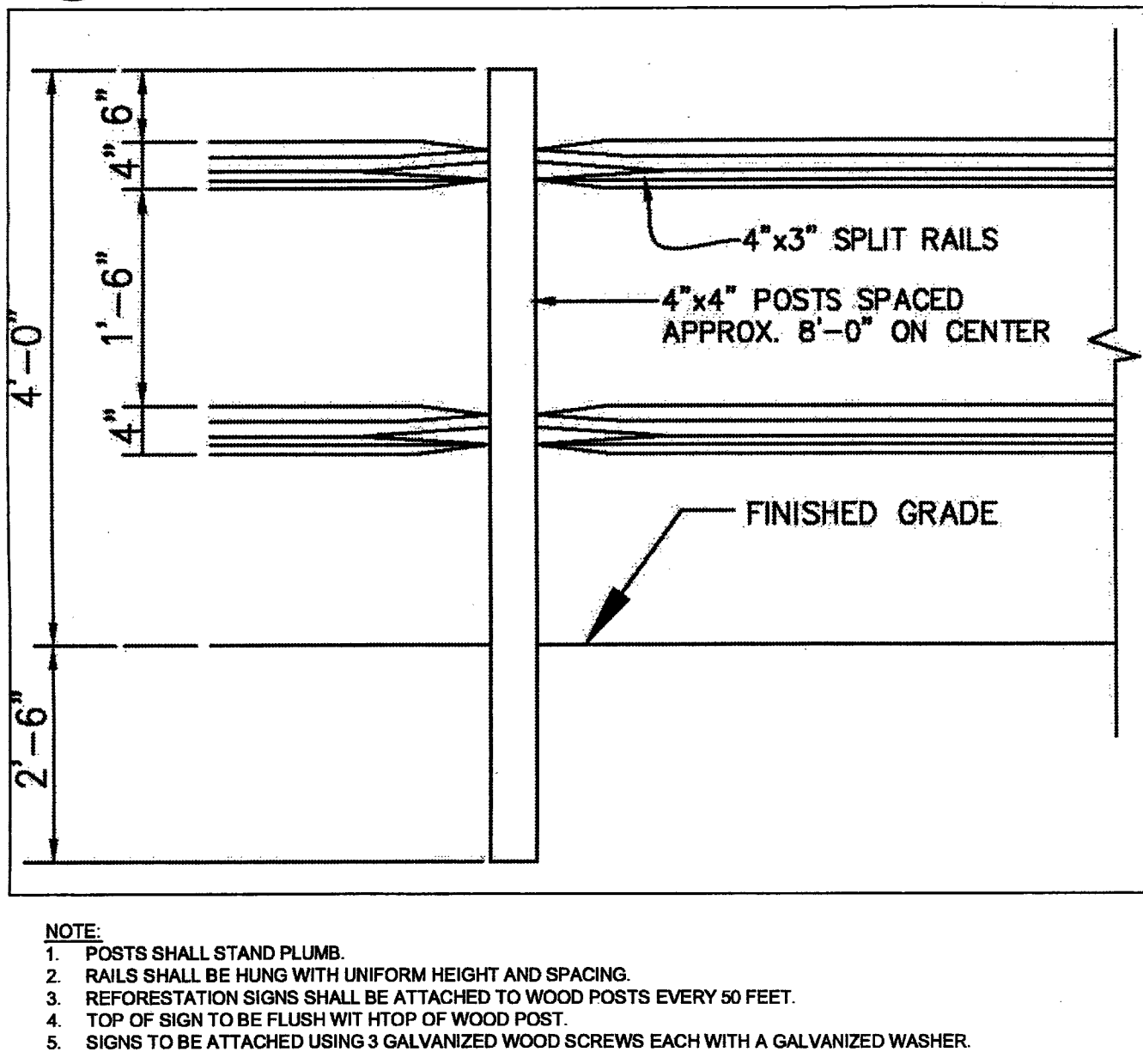
#### 6 PLANTING AND MAINTENANCE CALENDAR

NTS 329303-03



#### 4 TYPICAL RESTORATION PLANTING LAYOUT

NOT TO SCALE 329303-01



#### 7 PERMANENT SPLIT RAIL TREE PROTECTION FENCE

NTS 323129.13-03

PLANTING AREA	QUANTITY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	FORM	COMMENTS
#1 WRA-A area AC 0.16	9	1	Carya tomentosa	Mockernut Hickory	1" CAL.	B&B	PROVIDE A RANDOM PATTERN WITH A MINIMUM SPACING BETWEEN TREES OF 8' O.C.
	10	2	Diospyros virginiana	Persimmon	1" CAL.	B&B	
	10	3	Nyssa sylvatica	Black Gum	1" CAL.	B&B	
	9	4	Platanus occidentalis	Sycamore	1" CAL.	B&B	
	10	5	Quercus alba	White Oak	1" CAL.	B&B	
	10	6	Quercus rubra	Red Oak	1" CAL.	B&B	
	59		TOTAL TREES				
	4	7	Hamelis virginiana	Witch hazel	3 GAL.	CONT.	PROVIDE A RANDOM PATTERN WITH A MIN. SPACING BETWEEN SHRUBS OF 8' O.C.
	5	8	Lindera benzoin	Spicebush	3 GAL.	CONT.	
	4	9	Viburnum acerifolium	Maple-leaved Viburnum	3 GAL.	CONT.	
#2 WRA-B area AC 0.36	22	1	Carya tomentosa	Mockernut Hickory	1" CAL.	B&B	PROVIDE A RANDOM PATTERN WITH A MINIMUM SPACING BETWEEN TREES OF 8' O.C.
	22	2	Diospyros virginiana	Persimmon	1" CAL.	B&B	
	22	3	Nyssa sylvatica	Black Gum	1" CAL.	B&B	
	22	4	Platanus occidentalis	Sycamore	1" CAL.	B&B	
	21	5	Quercus alba	White Oak	1" CAL.	B&B	
	21	6	Quercus rubra	Red Oak	1" CAL.	B&B	
	130		TOTAL TREES				
	10	7	Hamelis virginiana	Witch hazel	3 GAL.	CONT.	PROVIDE A RANDOM PATTERN WITH A MIN. SPACING BETWEEN SHRUBS OF 8' O.C.
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06 ACRES AND .46 ACRES OF CLEARED NET TRACT AREA CLEARING FROM THE BOCK ROAD MAINTENANCE YARD AND THE SOUTHERN REGIONAL TECH-REC PROPERTIES, RESPECTIVELY. TOTAL TO .52 ACRES OF REQUIRED WOODLAND CONSERVATION. ALL PLANTING MUST BE PROVIDED ON THE BOCK ROAD MAINTENANCE YARD PROPERTY.

#### 9 CONTAINERIZED SHRUB PLANTING

NOT TO SCALE 329333-02



#### 7 PERMANENT SPLIT RAIL TREE PROTECTION FENCE

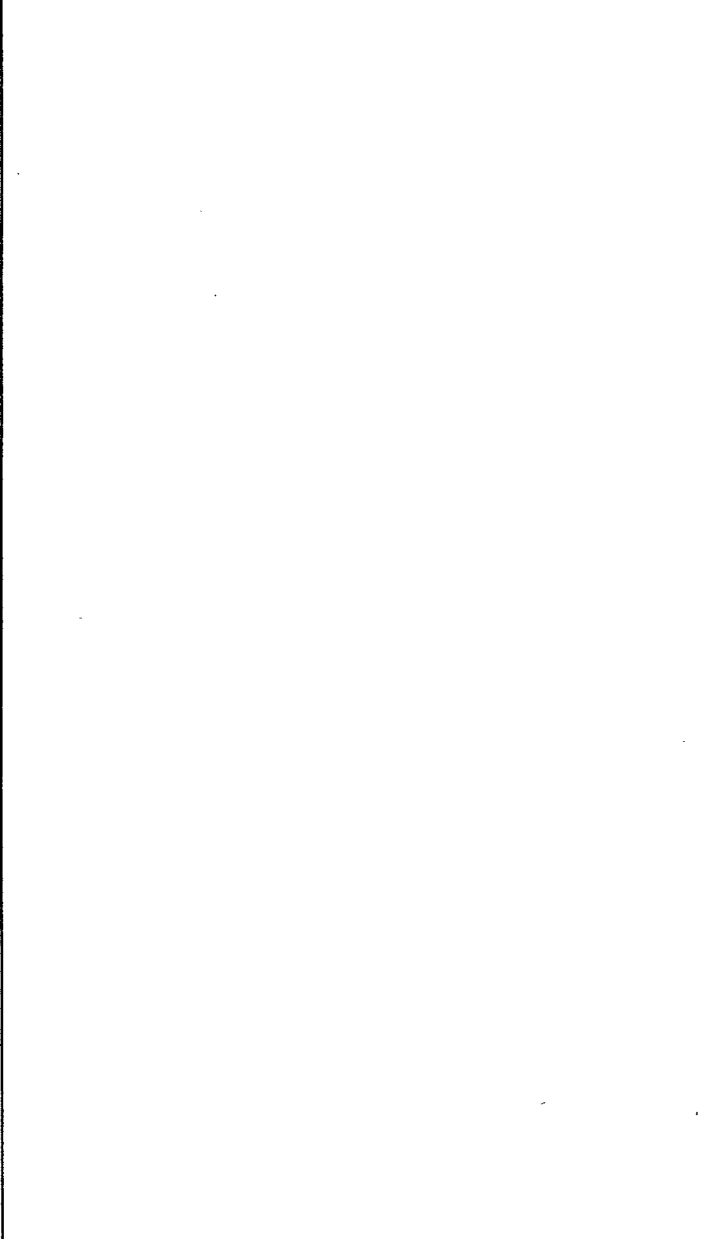
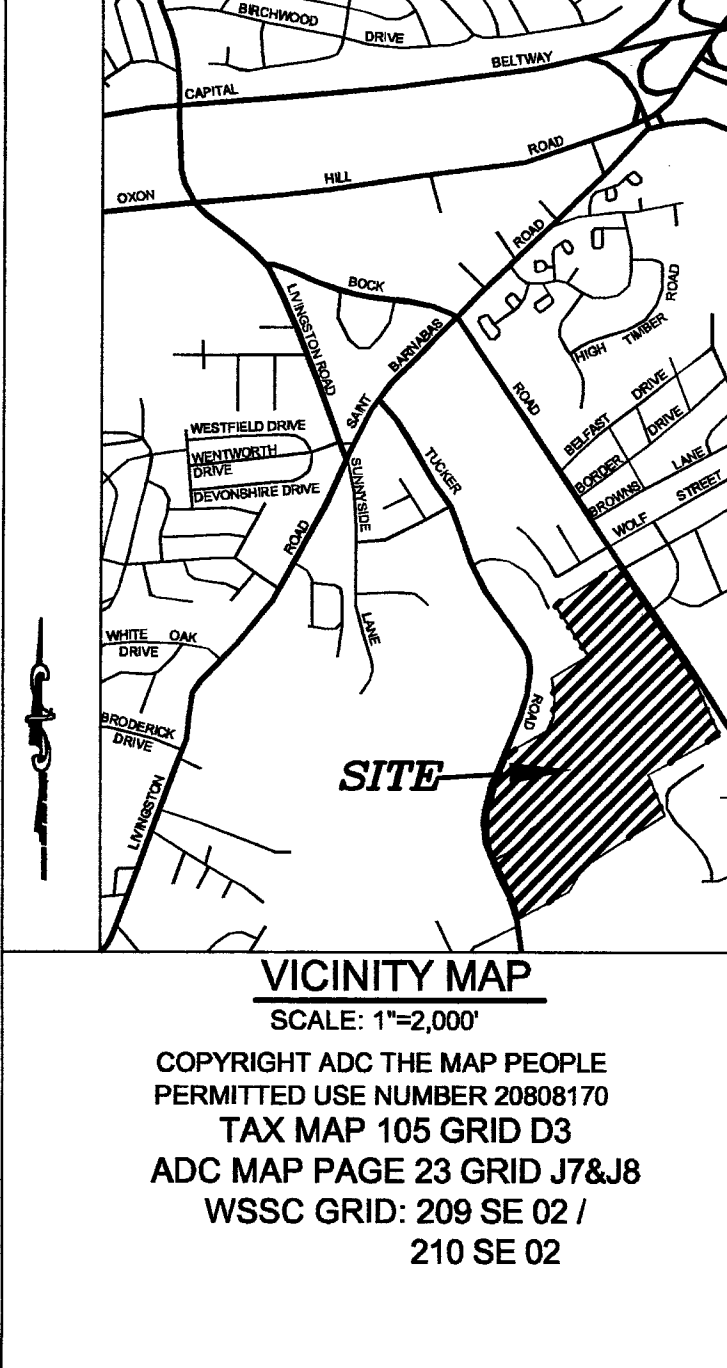
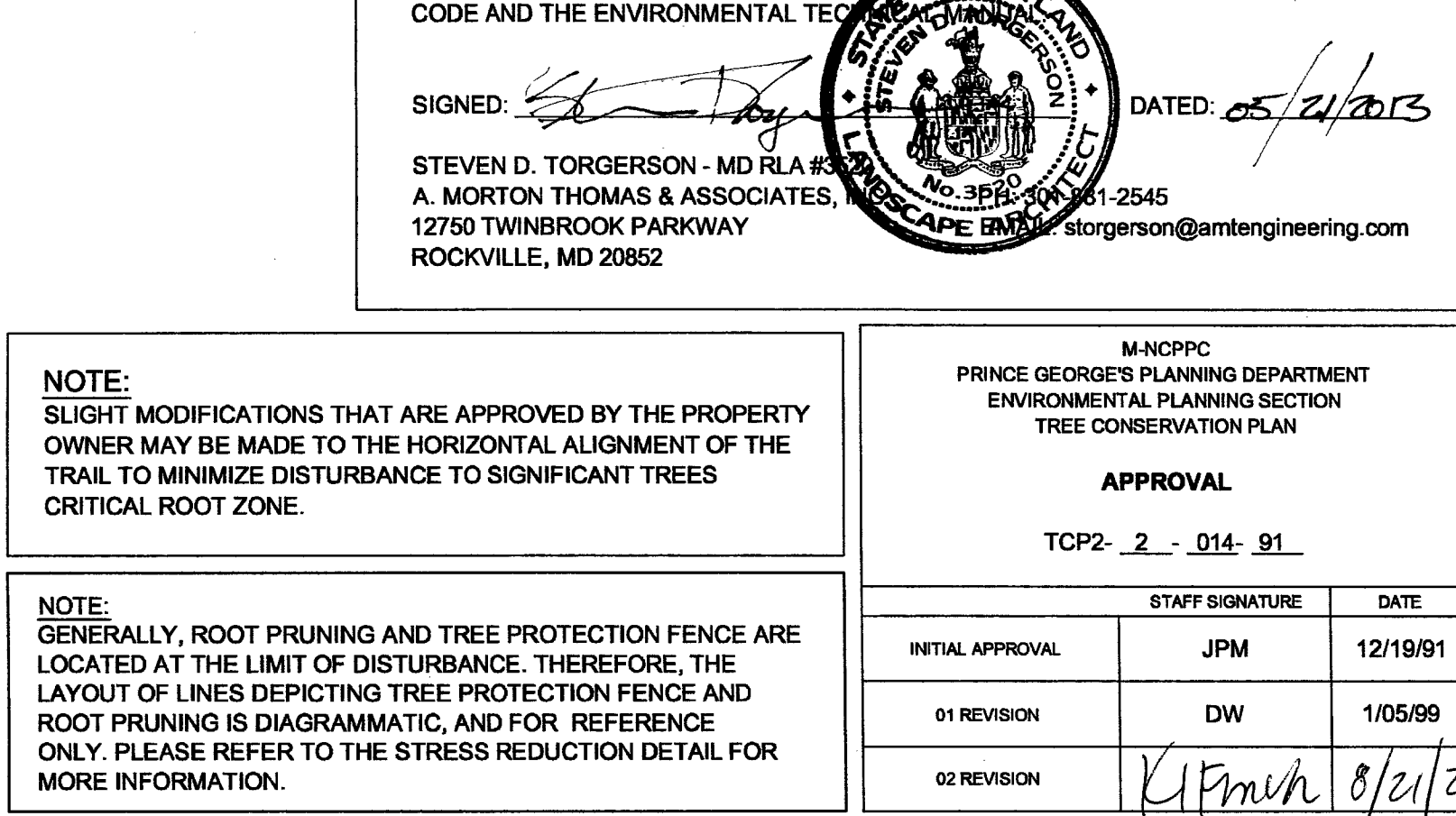
NTS 323129.13-03

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NOT TO SCALE 329333-02



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	22	4	Platanus occidentalis	Sycamore	1" CAL.	B&B	
	21	5	Quercus alba	White Oak	1" CAL.	B&B	
	21	6	Quercus rubra	Red Oak	1" CAL.	B&B	
	130		TOTAL TREES				
	10	7	Hamelis virginiana	Witch hazel	3 GAL.	CONT.	PROVIDE A RANDOM PATTERN WITH A MIN. SPACING BETWEEN SHRUBS OF 8' O.C.
	9	8	Lindera benzoin	Spicebush	3 GAL.	CONT.	
	10	9	Viburnum acerifolium	Maple-leaved Viburnum	3 GAL.	CONT.	
#3 WRA-C area AC 0.16	22	1	Carya tomentosa	Mockernut Hickory	1" CAL.	B&B	PROVIDE A RANDOM PATTERN WITH A MINIMUM SPACING BETWEEN TREES OF 8' O.C.
	22	2	Diospyros virginiana	Persimmon	1" CAL.	B&B	
	22	3	Nyssa sylvatica	Black Gum	1" CAL.	B&B	
	22	4	Platanus occidentalis	Sycamore	1" CAL.	B&B	
	21	5	Quercus alba	White Oak	1" CAL.	B&B	
	21	6	Quercus rubra	Red Oak	1" CAL.	B&B	
	130		TOTAL TREES				
	10	7	Hamelis virginiana	Witch hazel	3 GAL.	CONT.	PROVIDE A RANDOM PATTERN WITH A MIN. SPACING BETWEEN SHRUBS OF 8' O.C.
	9	8	Lindera benzoin	Spicebush	3 GAL.	CONT.	
	10	9	Viburnum acerifolium	Maple-leaved Viburnum	3 GAL.	CONT.	

06 ACRES AND .46 ACRES OF CLEARED NET TRACT AREA CLEARING FROM THE BOCK ROAD MAINTENANCE YARD AND THE SOUTHERN REGIONAL TECH-REC PROPERTIES, RESPECTIVELY. TOTAL TO .52 ACRES OF REQUIRED WOODLAND CONSERVATION. ALL PLANTING MUST BE PROVIDED ON THE BOCK ROAD MAINTENANCE YARD PROPERTY.

#### 9 CONTAINERIZED SHRUB PLANTING

NOT TO SCALE 329333-02

