

LEGEND

- LIMITS OF TOP2
- PROPERTY LINE
- LIMITS OF DISTURBANCE
- EXISTING TREE LINE
- NON-WOODLAND AREA
- REGULATED STREAM (TOP OF BANK)
- NONREGULATED STREAM (EPHEMERAL)
- REGULATED STREAM BUFFER
- WETLAND
- 25' WETLAND BUFFER
- EXPANDED WETLAND BUFFER

- PRIMARY MANAGEMENT AREA (PMA)
- 100-YEAR FLOODPLAIN
- 100-YEAR FLOODPLAIN BUILDING RESTRICTION LINE
- WOODLAND PRESERVE AREA
- WOODLAND CLEARING AREA
- OFFSITE WOODLAND CLEARING AREA
- REFORESTATION AREA

KEY

LC-1.1	LC-1.3	LC-1.5
LC-1.2	LC-1.4	LC-1.6

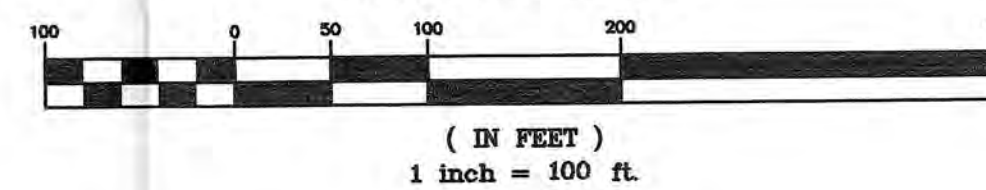
QUALIFIED PROFESSIONAL CERTIFICATION

THIS PLAN COMPLIES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 AND THE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL.

SIGNED: *[Signature]*
MICHAEL A. NORTON
17830 NEW HAMPSHIRE AVENUE, SUITE 101
ASHTON, MD 20861
240.342.2329
michael_norton@nortonlanddesign.com

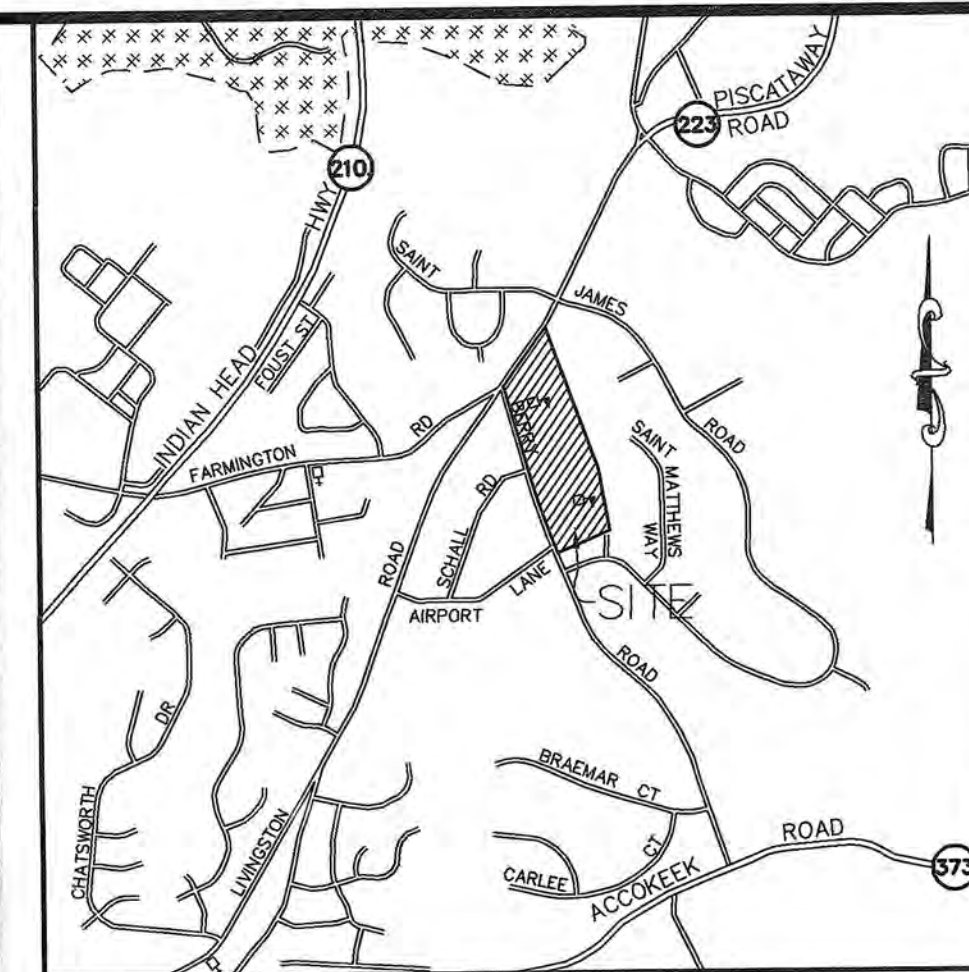
DATE: 2.28.2013

GRAPHIC SCALE



OWNER/DEVELOPER/APPLICANT:
PRINCE GEORGE'S COUNTY
PUBLIC SCHOOLS
C/O RUPERT McCAVE, AIA
13300 OLD MARLBORO PIKE
UPPER MARLBORO, Maryland 20772
PHONE: 301-952-6548
FAX: 301-952-6526

REVISIONS
9-29-11 REVISED PER COMMENTS DATED 9-19-11
10-07-11 REVISED PER PLAN CHANGE DATED 10-7-11
11-9-12 AMENDED FOR ADDITION TO DESIGN SCOPE DATED 10-24-12
1-7-13 REVISED PER COMMENTS DATED 12-05-12



VICINITY MAP
SCALE: 1" = 2,000'
(WSSC GRID: 219 SE 02)
PRINCE GEORGE'S COUNTY
ADC MAP PAGE: 5997
GRID: D-1
(2008 EDITION)

LC-1.1 LC-1.3 LC-1.5
LC-1.2 LC-1.4 LC-1.6

WOODLAND CONSERVATION SUMMARY TABLE (ACRES)

SHEET	GROSS TRACT AREA	100-YEAR FLOOD PLAIN (FP)	NET TRACT AREA (NTA)	EXISTING WOODLAND (NTA)	EXISTING WOODLAND (FP)	WOODLAND CLEARED (C-NTA)	WOODLAND CLEARED (C-FP)	WOODLAND PRESERVE (WPA)	WOODLAND REFOREST (WRA)	WOODLAND RETAINED/ NOT CREDITED (WR-NC)	WOODLAND RETAINED/ ASSUMED CLEARED (WR-AC)
1	6.96	0.15	6.81	0.99	0.13	0.58	0.00	0.54	0.36	-	-
2	3.36	0.00	3.36	0.00	0.00	0.00	0.00	0.00	0.00	-	-
3	12.72	0.08	12.64	1.93	0.08	0.32	0.00	1.69	0.42	-	-
4	5.88	0.00	5.88	1.025	0.00	0.865	0.00	0.16	0.35	-	-
5	4.64	0.00	4.64	1.45	0.00	0.39	0.00	1.06	0.00	-	-
6	2.34	0.00	2.34	0.465	0.00	0.245	0.00	0.22	0.35	-	-
TOTAL	35.90	0.23	35.67	5.86	0.21	2.40	0.00	3.67	1.48	-	-

- * OFFSITE CLEARING TOTALS 0.24 AC
- * 33.16 AC PROPERTY + 2.74 AC LOD OUTSIDE THE PROPERTY = 35.90 AC TOTAL GROSS TRACT AREA
- * 5.83 AC WOODLAND ONSITE + 0.24 AC WOODLAND OFFSITE (NTA) = 6.07 AC TOTAL WOODLAND

FLOODPLAIN NOTE:
- THE FLOODPLAIN SHOWN HEREON IS DERIVED FROM THE ST. JAMES PROPERTY FLOODPLAIN STUDY #200343 AND PISCATAWAY CREEK STUDY SHEET 1046B AS PROVIDED BY DPW&T AND SHOWN ON THE APPROVED NRI-028-10.

MISS UTILITY

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.

NORTON LAND DESIGN
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING
17830 NEW HAMPSHIRE AVENUE, SUITE 101
ASHTON, MD 20861
P 240.342.2329 F 240.342.2632
WWW.NORTONLANDDESIGN.COM



M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP2-017-11

Approved by	Date
K. FINCH	10/13/11
01	3/11/13
02	
03	
04	
05	

ADTEK
CIVIL/STRUCTURAL/SPECIALTY ENGINEERING & LANDSCAPE ARCHITECTURE
87 Monocacy Boulevard
Frederick, MD 20724
Phone: 301-662-4428 Fax: 301-662-7404
www.adtekengineers.com

Major Renovation to
Eugene Burroughs Middle School
14400 Berry Road Accokeek, MD 20607
for the
Prince George's County Public Schools

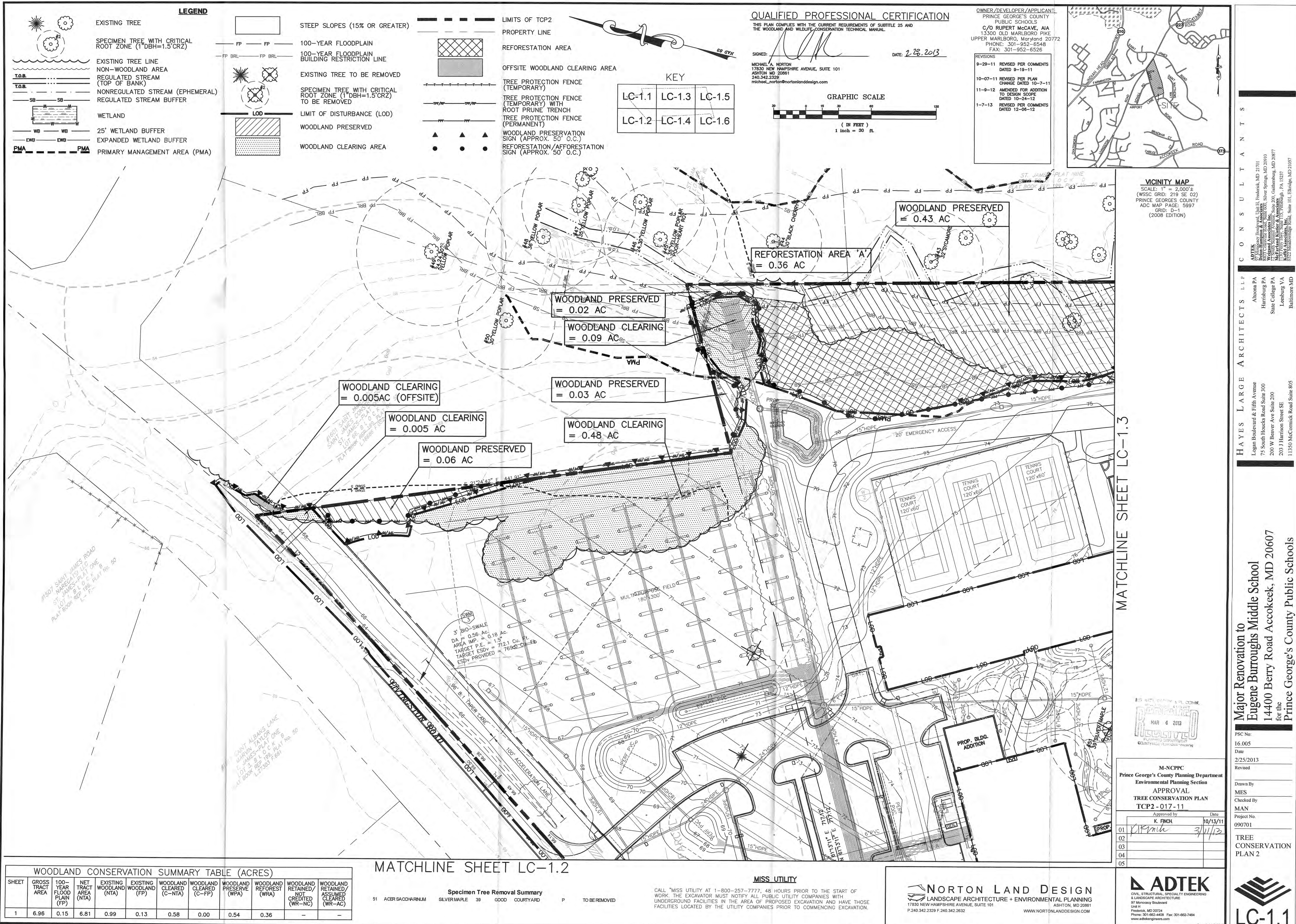
PSC No:
16.005
Date:
2/25/2013
Revised:

Drawn By:
MES
Checked By:
MAN
Project No:
090701

TREE CONSERVATION PLAN 2

ADTEK
LC-1.0

FINAL BID SET



LEGEND

EXISTING TREE
SPECIMEN TREE WITH CRITICAL ROOT ZONE (1" DBH=1.5' CRZ)
EXISTING TREE LINE
NON-WOODLAND AREA
REGULATED STREAM (TOP OF BANK)
NONREGULATED STREAM (EPHEMERAL)
REGULATED STREAM BUFFER
WETLAND
25' WETLAND BUFFER
EXPANDED WETLAND BUFFER
PRIMARY MANAGEMENT AREA (PMA)

STEEP SLOPES (15% OR GREATER)
100-YEAR FLOODPLAIN
100-YEAR FLOODPLAIN BUILDING RESTRICTION LINE
EXISTING TREE TO BE REMOVED
SPECIMEN TREE WITH CRITICAL ROOT ZONE (1" DBH=1.5' CRZ) TO BE REMOVED
LIMIT OF DISTURBANCE (LOD)
WOODLAND PRESERVED
WOODLAND CLEARING AREA

LIMITS OF TCP2
PROPERTY LINE
REFORESTATION AREA
OFFSITE WOODLAND CLEARING AREA
TREE PROTECTION FENCE (TEMPORARY)
TREE PROTECTION FENCE (TEMPORARY) WITH ROOT PRUNE TRENCH
TREE PROTECTION FENCE (PERMANENT)
WOODLAND PRESERVATION SIGN (APPROX. 50" O.C.)
REFORESTATION/AFFORESTATION SIGN (APPROX. 50" O.C.)

QUALIFIED PROFESSIONAL CERTIFICATION
THIS PLAN COMPLIES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 AND THE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL.
SIGNED: [Signature]
MICHAEL A. NORTON
17830 NEW HAMPSHIRE AVENUE, SUITE 101
ASHTON, MD 20861
240.342.2329
michael_norton@nortonlanddesign.com
DATE: 2.28.2013
KEY
LC-1.1 LC-1.3 LC-1.5
LC-1.2 LC-1.4 LC-1.6
GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

OWNER/DEVELOPER/APPLICANT:
PRINCE GEORGE'S COUNTY
PUBLIC SCHOOLS
C/O RUPERT MCCAIG, AIA
13300 OLD MARLBORO PIKE
UPPER MARLBORO, Maryland 20772
PHONE: 301-952-6548
FAX: 301-952-6526
REVISIONS
9-29-11 REVISED PER COMMENTS DATED 9-19-11
10-07-11 REVISED PER PLAN CHANGE DATED 10-7-11
11-9-12 AMENDED FOR ADDITION TO DESIGN SCOPE DATED 10-24-12
1-7-13 REVISED PER COMMENTS DATED 12-06-12

VICINITY MAP
SCALE: 1" = 2,000'
(WSSC GRID: 219 SE 02)
PRINCE GEORGE'S COUNTY
ADC MAP PAGE: 5997
GRID: D-1
(2008 EDITION)

WOODLAND CONSERVATION SUMMARY TABLE (ACRES)										
SHEET	GROSS TRACT AREA	100-YEAR FLOOD PLAIN (FP)	NET TRACT AREA (NTA)	EXISTING WOODLAND (NTA)	EXISTING WOODLAND (FP)	WOODLAND CLEARED (C-NTA)	WOODLAND CLEARED (C-FP)	WOODLAND PRESERVE (WPA)	WOODLAND REFOREST (WRA)	WOODLAND RETAINED/NOT CREDITED (WR-NC)
1	6.96	0.15	6.81	0.99	0.13	0.58	0.00	0.54	0.36	-

Specimen Tree Removal Summary				
51	ACER SACCHARINUM	SILVER MAPLE	39	GOOD COURTYARD P TO BE REMOVED

MISS UTILITY
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.

NORTON LAND DESIGN
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING
17830 NEW HAMPSHIRE AVENUE, SUITE 101
ASHTON, MD 20861
P. 240.342.2329 F. 240.342.2632
WWW.NORTONLANDDESIGN.COM

ADTEK
CIVIL, STRUCTURAL, SPECIALTY ENGINEERING & LANDSCAPE ARCHITECTURE
97 Monocacy Boulevard
Frederick, MD 20724
Phone: 301-662-4428 Fax: 301-662-7404
www.adtekengineers.com
Copyright © 2010

Major Renovation to Eugene Burroughs Middle School
14400 Berry Road Accokeek, MD 20607
for the Prince George's County Public Schools

HAYES LARGE ARCHITECTS LLP
Altoona PA
Harrisburg PA
State College PA
Leeburg VA
Baltimore MD

ADTEK
17830 New Hampshire Avenue, Suite 101, Ashton, MD 20861
11350 McCormick Road, Suite 805, Baltimore MD 21057

APPROVED
MAR 4 2013

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP2-017-11
Approved by: K. FINCH Date: 10/13/11
Project No. 090701
Tree Conservation Plan 2

FINAL BID SET

EXISTING TREE

SPECIMEN TREE WITH CRITICAL ROOT ZONE (1"DBH=1.5'CRZ)

EXISTING TREE LINE

NON-WOODLAND AREA

REGULATED STREAM (TOP OF BANK)

NONREGULATED STREAM (EPHEMERAL)

REGULATED STREAM BUFFER

WETLAND

25' WETLAND BUFFER

EXPANDED WETLAND BUFFER

PRIMARY MANAGEMENT AREA (PMA)

FP

FP BRL

STEEP SLOPES (15% OR GREATER)

100-YEAR FLOODPLAIN

BUILDING RESTRICTION LINE

EXISTING TREE TO BE REMOVED

SPECIMEN TREE WITH CRITICAL ROOT ZONE (1"DBH=1.5'CRZ) TO BE REMOVED

LIMIT OF DISTURBANCE (LOD)

WOODLAND PRESERVED

WOODLAND CLEARING AREA

LIMITS OF TCP2

PROPERTY LINE

REFORESTATION AREA

OFFSITE WOODLAND CLEARING AREA

TREE PROTECTION FENCE (TEMPORARY)

TREE PROTECTION FENCE (TEMPORARY) WITH ROOT PRUNE TRENCH

TREE PROTECTION FENCE (PERMANENT)

WOODLAND PRESERVATION SIGN (APPROX. 50' O.C.)

REFORESTATION/AFFORESTATION SIGN (APPROX. 50' O.C.)

KEY

LC-1.1

LC-1.3

LC-1.5

LC-1.2

LC-1.4

LC-1.6

QUALIFIED PROFESSIONAL CERTIFICATION

THIS PLAN COMPLES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 AND THE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL.

SIGNED: [Signature]

DATE: 2.28.2013

MICHAEL A. NORTON

17830 NEW HAMPSHIRE AVENUE, SUITE 101

ASHTON, MD 20861

240.342.2329

michael_norton@nortonlanddesign.com

GRAPHIC SCALE

(IN FEET)

1 inch = 30 ft.

OWNER/DEVELOPER/APPLICANT:

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS

C/O RUPERT McCAVE, AIA

13300 OLD MARLBORO PIKE

UPPER MARLBORO, Maryland 20772

PHONE: 301-952-6548

FAX: 301-952-6526

REVISIONS

9-28-11

REVISED PER COMMENTS

DATED 9-19-11

10-07-11

REVISED PER PLAN CHANGE

DATED 10-7-11

11-9-12

AMENDED FOR ADDITION TO DESIGN SCOPE

DATED 10-24-12

1-7-13

REVISED PER COMMENTS

DATED 12-06-12

VICINITY MAP

SCALE: 1" = 2,000'

(NASS GRID: 219 SE 02)

PRINCE GEORGE'S COUNTY

ADC MAP PAGE: 5997

GRID: D-1

(2008 EDITION)

LEGEND

EXISTING TREE

SPECIMEN TREE WITH CRITICAL ROOT ZONE (1"DBH=1.5'CRZ)

EXISTING TREE LINE

NON-WOODLAND AREA

REGULATED STREAM (TOP OF BANK)

NONREGULATED STREAM (EPHEMERAL)

REGULATED STREAM BUFFER

WETLAND

25' WETLAND BUFFER

EXPANDED WETLAND BUFFER

PRIMARY MANAGEMENT AREA (PMA)

STEEP SLOPES (15% OR GREATER)

100-YEAR FLOODPLAIN

BUILDING RESTRICTION LINE

EXISTING TREE TO BE REMOVED

SPECIMEN TREE WITH CRITICAL ROOT ZONE (1"DBH=1.5'CRZ) TO BE REMOVED

LIMIT OF DISTURBANCE (LOD)

WOODLAND PRESERVED

WOODLAND CLEARING AREA

LIMITS OF TCP2

PROPERTY LINE

REFORESTATION AREA

OFFSITE WOODLAND CLEARING AREA

TREE PROTECTION FENCE (TEMPORARY)

TREE PROTECTION FENCE (TEMPORARY) WITH ROOT PRUNE TRENCH

TREE PROTECTION FENCE (PERMANENT)

WOODLAND PRESERVATION SIGN (APPROX. 50' O.C.)

REFORESTATION/AFFORESTATION SIGN (APPROX. 50' O.C.)

KEY

LC-1.1

LC-1.3

LC-1.5

LC-1.2

LC-1.4

LC-1.6

QUALIFIED PROFESSIONAL CERTIFICATION

THIS PLAN COMPLES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 AND THE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL.

SIGNED: [Signature]

DATE: 2.28.2013

MICHAEL A. NORTON

17830 NEW HAMPSHIRE AVENUE, SUITE 101

ASHTON, MD 20861

240.342.2329

michael_norton@nortonlanddesign.com

GRAPHIC SCALE

(IN FEET)

1 inch = 30 ft.

OWNER/DEVELOPER/APPLICANT:

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS

C/O RUPERT McCAVE, AIA

13300 OLD MARLBORO PIKE

UPPER MARLBORO, Maryland 20772

PHONE: 301-952-6548

FAX: 301-952-6526

REVISIONS

9-28-11

REVISED PER COMMENTS

DATED 9-19-11

10-07-11

REVISED PER PLAN CHANGE

DATED 10-7-11

11-9-12

AMENDED FOR ADDITION TO DESIGN SCOPE

DATED 10-24-12

1-7-13

REVISED PER COMMENTS

DATED 12-06-12

VICINITY MAP

SCALE: 1" = 2,000'

(NASS GRID: 219 SE 02)

PRINCE GEORGE'S COUNTY

ADC MAP PAGE: 5997

GRID: D-1

(2008 EDITION)

WOODLAND CONSERVATION SUMMARY TABLE (ACRES)											
SHEET	GROSS TRACT AREA	100-YEAR FLOOD PLAIN (FP)	NET TRACT AREA (NTA)	EXISTING WOODLAND (NTA)	EXISTING WOODLAND (FP)	WOODLAND CLEARED (C-NTA)	WOODLAND CLEARED (C-FP)	WOODLAND PRESERVE (WPA)	WOODLAND REFOREST (WRA)	WOODLAND RETAINED/NOT CREDITED (WR-NC)	WOODLAND RETAINED/ASSUMED CLEARED (WR-AC)
2	3.36	0.00	3.36	0.00	0.00	0.00	0.00	0.00	0.00	-	-

Specimen Tree Removal Summary
THERE ARE NO SPECIMEN TREES PROPOSED FOR REMOVAL ON THIS PLAN SHEET

MISS UTILITY
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.

NORTON LAND DESIGN

LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING

17830 NEW HAMPSHIRE AVENUE, SUITE 101

ASHTON, MD 20861

P. 240.342.2329 F. 240.342.2332

WWW.NORTONLANDDESIGN.COM

M-NCPFC

Prince George's County Planning Department

Environmental Planning Section

APPROVAL

TREE CONSERVATION PLAN

TCP2 - 017 - 11

Approved by

K. FINCH

Date

10/13/11

01

X [Signature]

3/11/13

02

03

04

05

ADTEK

CIVIL, STRUCTURAL, SPECIALTY ENGINEERING & LANDSCAPE ARCHITECTURE

97 Monocacy Boulevard

Frederick, MD 20724

Phone: 301-662-4408 Fax: 301-662-7484

www.adtekengineers.com

Copyright © 2010

Major Renovation to

Eugene Burroughs Middle School

14400 Berry Road Accokeek, MD 20607

for the

Prince George's County Public Schools

HAYES LARGE ARCHITECTS LLP

Altoona PA

Logan Boulevard & Fifth Avenue

Harrisburg PA

State College PA

Leesburg VA

Baltimore MD

PSC No:

16.005

Date:

2/25/2013

Revised:

Drawn By:

MES

Checked By:

MAN

Project No:

090701

TREE CONSERVATION PLAN 2

ADTEK

CIVIL, STRUCTURAL, SPECIALTY ENGINEERING & LANDSCAPE ARCHITECTURE

97 Monocacy Boulevard

Frederick, MD 20724

Phone: 301-662-4408 Fax: 301-662-7484

www.adtekengineers.com

Copyright © 2010

LC-1.2

FINAL BID SET

LEGEND

EXISTING TREE

SPECIMEN TREE WITH CRITICAL ROOT ZONE (1" DBH=1.5' CRZ)

EXISTING TREE LINE

NON-WOODLAND AREA

REGULATED STREAM (TOP OF BANK)

NONREGULATED STREAM (EPHEMERAL)

REGULATED STREAM BUFFER

WETLAND

25' WETLAND BUFFER

EXPANDED WETLAND BUFFER

PRIMARY MANAGEMENT AREA (PMA)

STEEP SLOPES (15% OR GREATER)

100-YEAR FLOODPLAIN

100-YEAR FLOODPLAIN BUILDING RESTRICTION LINE

EXISTING TREE TO BE REMOVED

SPECIMEN TREE WITH CRITICAL ROOT ZONE (1" DBH=1.5' CRZ) TO BE REMOVED

LIMIT OF DISTURBANCE (LOD)

WOODLAND PRESERVED

WOODLAND CLEARING AREA

LIMITS OF TCP2

PROPERTY LINE

REFORESTATION AREA

OFFSITE WOODLAND CLEARING AREA

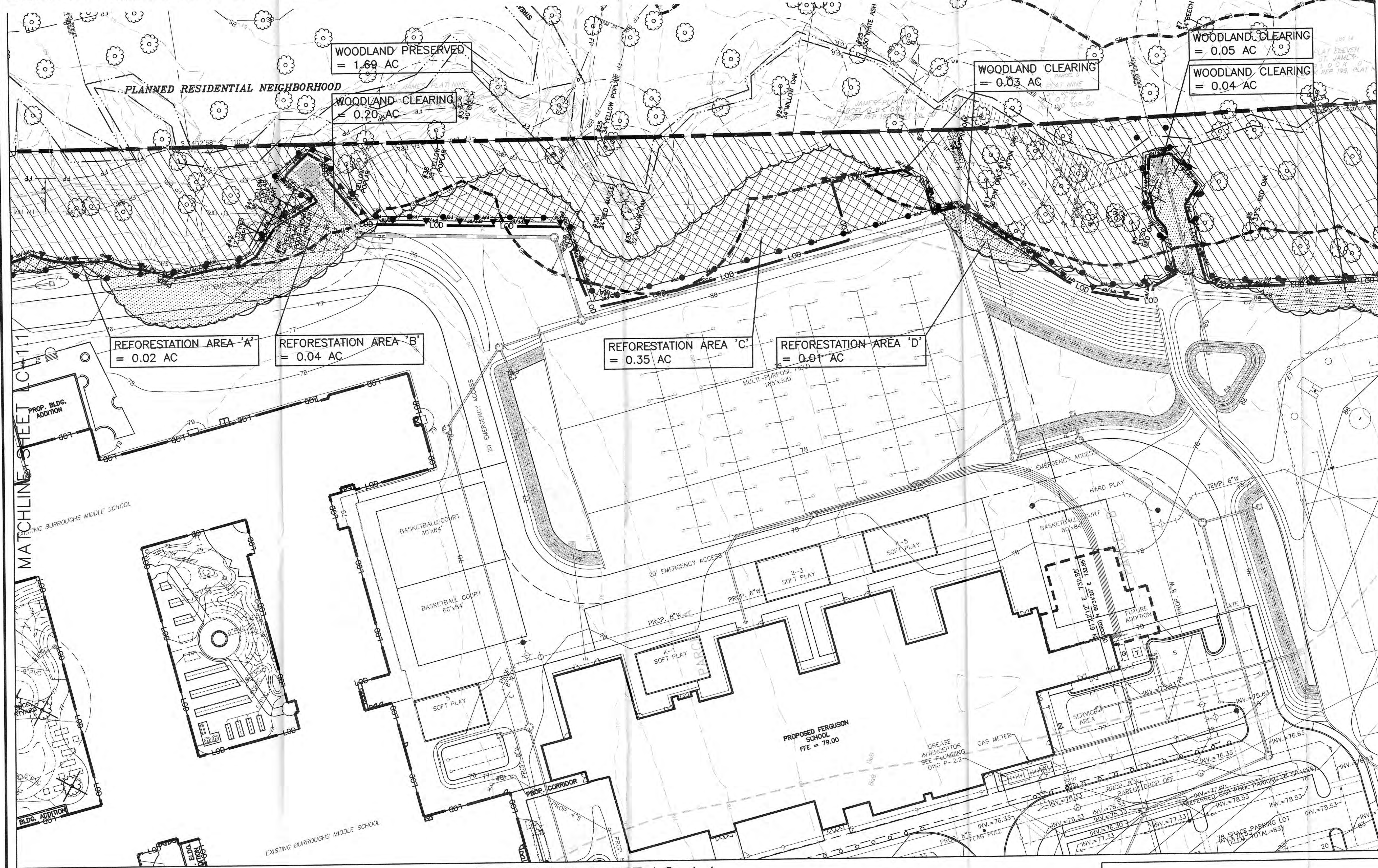
TREE PROTECTION FENCE (TEMPORARY)

TREE PROTECTION FENCE (TEMPORARY) WITH ROOT PRUNE TRENCH

TREE PROTECTION FENCE (PERMANENT)

WOODLAND PRESERVATION SIGN (APPROX. 50' O.C.)

REFORESTATION/AFFORESTATION SIGN (APPROX. 50' O.C.)



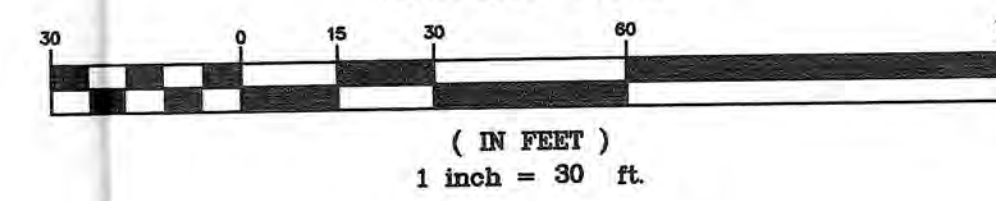
QUALIFIED PROFESSIONAL CERTIFICATION

THIS PLAN COMPLIES WITH THE CURRENT REQUIREMENTS OF SUBTITLE 25 AND THE WOODLAND AND WILDLIFE CONSERVATION TECHNICAL MANUAL.

SIGNED: *[Signature]*
MICHAEL A. NORTON
17830 NEW HAMPSHIRE AVENUE, SUITE 101
ASHTON, MD 20881
240.342.2329
michael_norton@nortonlanddesign.com

DATE: 2.22.2013

GRAPHIC SCALE



KEY

LC-1.1	LC-1.3	LC-1.5
LC-1.2	LC-1.4	LC-1.6

OWNER/DEVELOPER/APPLICANT:
PRINCE GEORGE'S COUNTY
PUBLIC SCHOOLS
C/O RUPERT MCGAVE, AIA
13300 OLD MARLBORO PIKE
UPPER MARLBORO, Maryland 20772
PHONE: 301-952-6548
FAX: 301-952-6526

REVISIONS
9-29-11 REVISED PER COMMENTS DATED 9-19-11
10-07-11 REVISED PER PLAN CHANGE DATED 10-7-11
11-9-12 AMENDED FOR ADDITION TO DESIGN SCOPE DATED 10-24-12
1-7-13 REVISED PER COMMENTS DATED 12-08-12

VICINITY MAP

SCALE: 1" = 2,000'±
(WSSC GRID: 219 SE 02)
PRINCE GEORGE'S COUNTY
ADC MAP PAGE: 5997
GRID: D-1
(2008 EDITION)

MATCHLINE SHEET LC-1.5

MATCHLINE SHEET LC-1.4

MISS UTILITY

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.

NORTON LAND DESIGN
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING
17830 NEW HAMPSHIRE AVENUE, SUITE 101
ASHTON, MD 20881
P: 240.342.2329 F: 240.342.2632
WWW.NORTONLANDDESIGN.COM

ADTEK
CIVIL, STRUCTURAL, SPECIALTY ENGINEERING
& LANDSCAPE ARCHITECTURE
07 Monocacy Boulevard
Frederick, MD 20724
Phone: 301-882-4408 Fax: 301-882-7484
www.adtekengineers.com
Copyright © 2010

**Major Renovation to
Eugene Burroughs Middle School**
14400 Berry Road Accokeek, MD 20607
for the
Prince George's County Public Schools

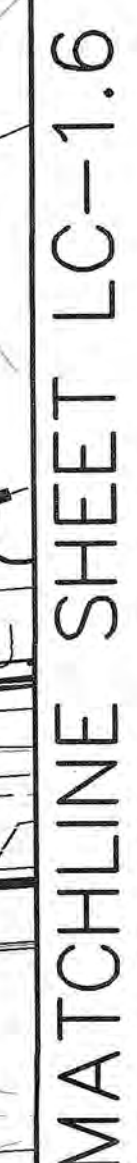
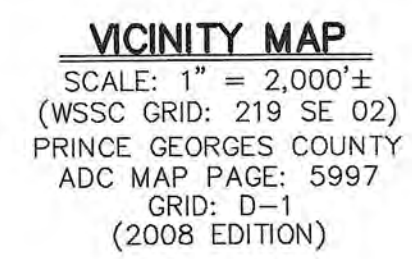
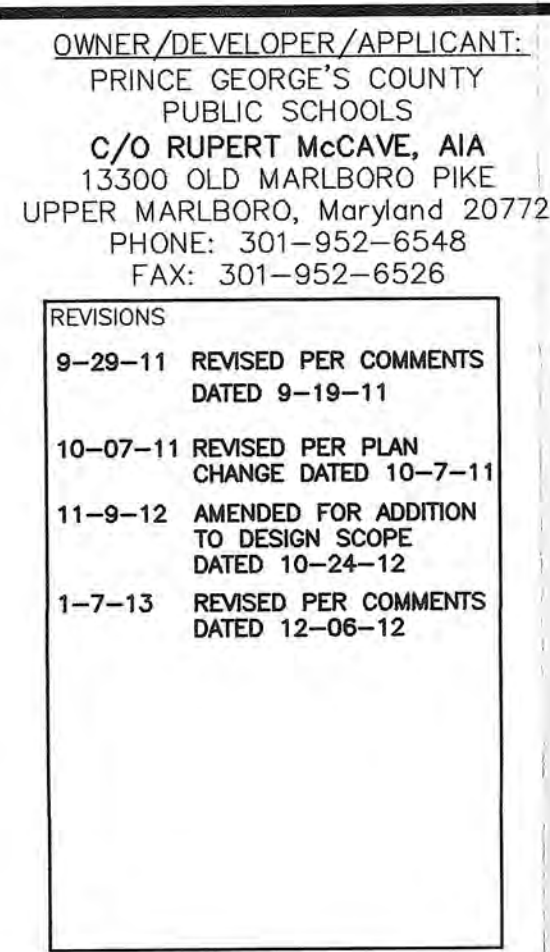
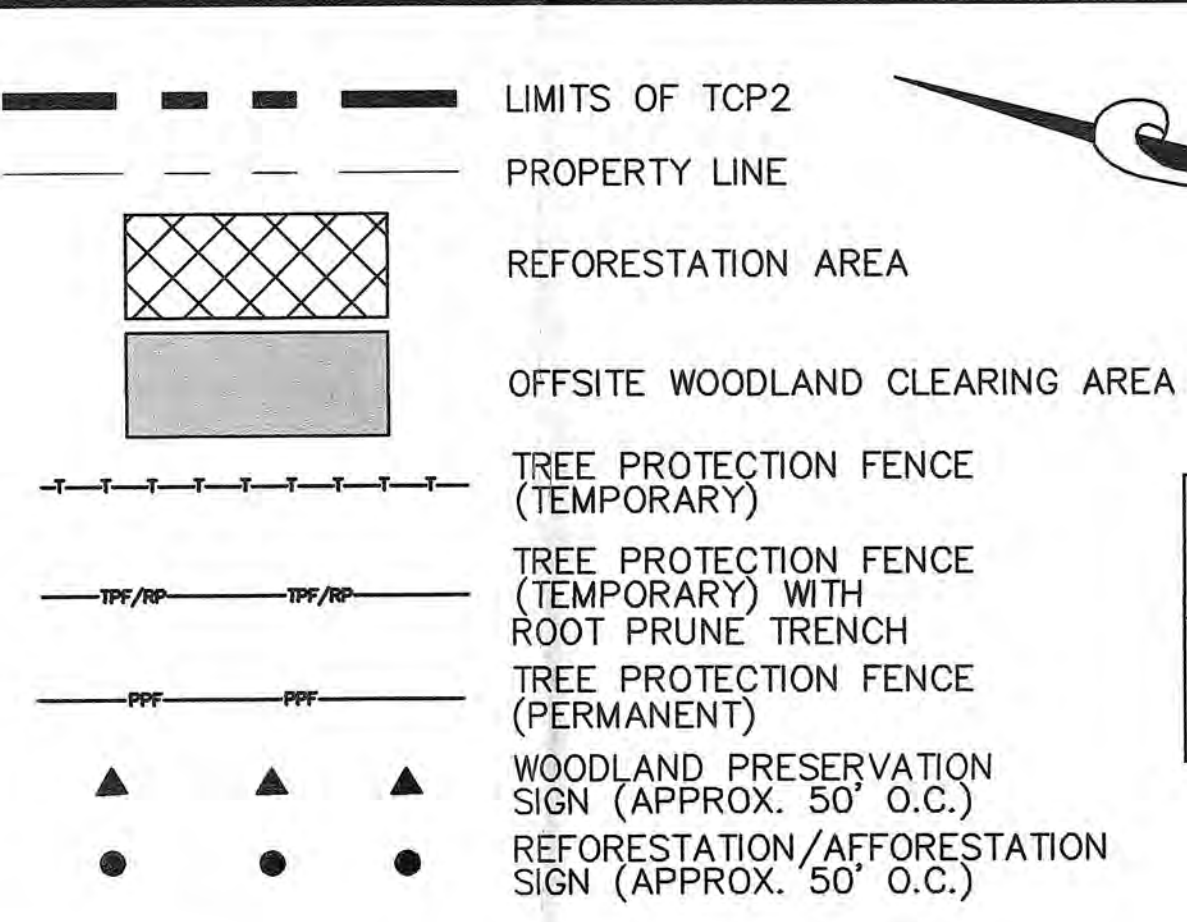
PSC No:
16.005
Date:
2/25/2013
Revised:

Drawn By:
MES
Checked By:
MAN
Project No:
090701

TREE
CONSERVATION
PLAN 2

LC-1.3

FINAL BID SET



Specimen Tree Removal Summary							
2	PLATANUS OCCIDENTALIS	SYCAMORE	31	GOOD	CO-OWNED	M	TO BE REMOVED
12	QUERCUS PALUSTRIS	PIN OAK	30	GOOD		G	TO BE REMOVED
13	QUERCUS PALUSTRIS	PIN OAK	38	GOOD		G	TO BE REMOVED
15	QUERCUS PALUSTRIS	PIN OAK	30	GOOD		G	TO BE REMOVED
17	QUERCUS PALUSTRIS	PIN OAK	30	GOOD		G	TO BE REMOVED

MISS UTILITY

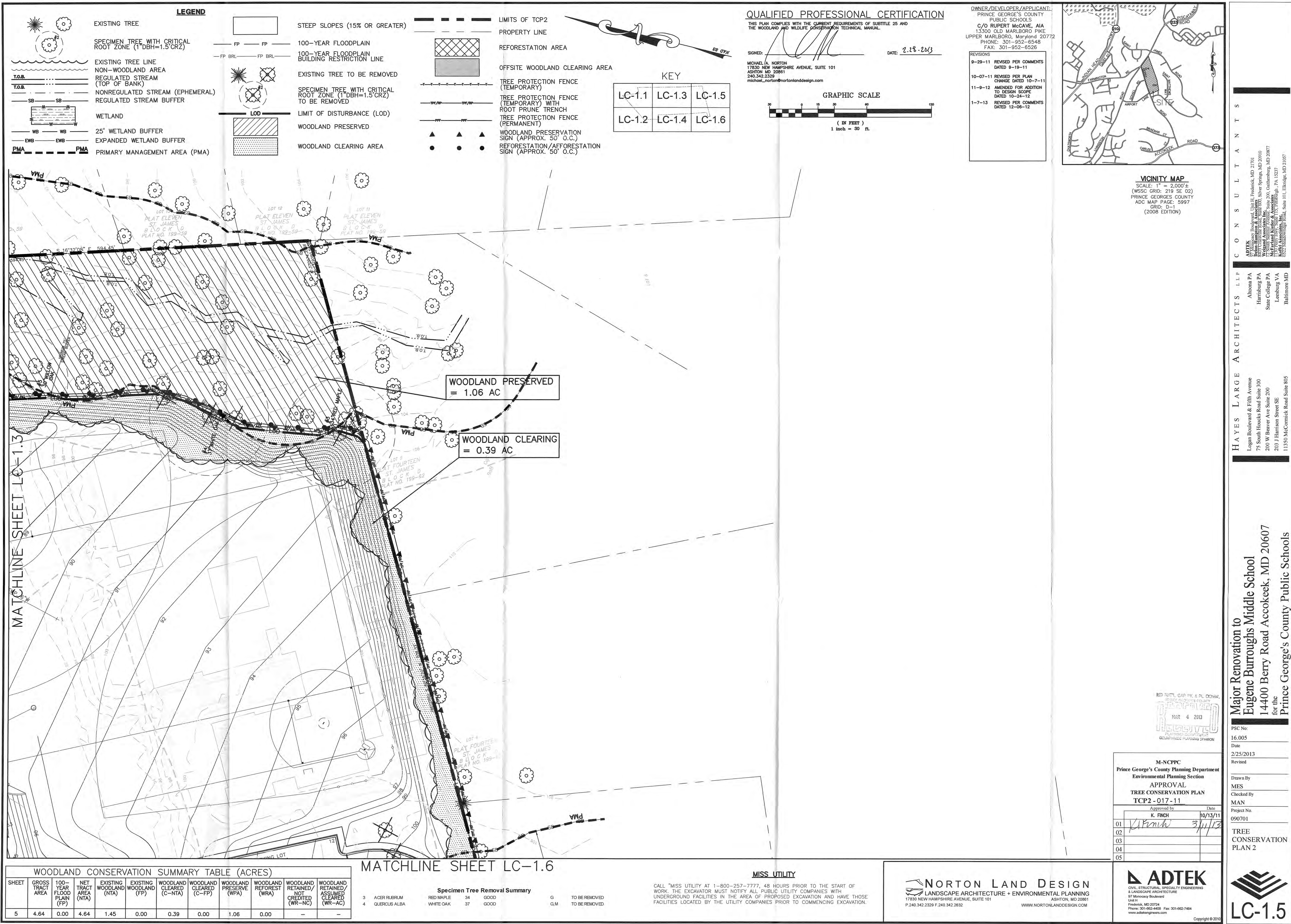
CALL "MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

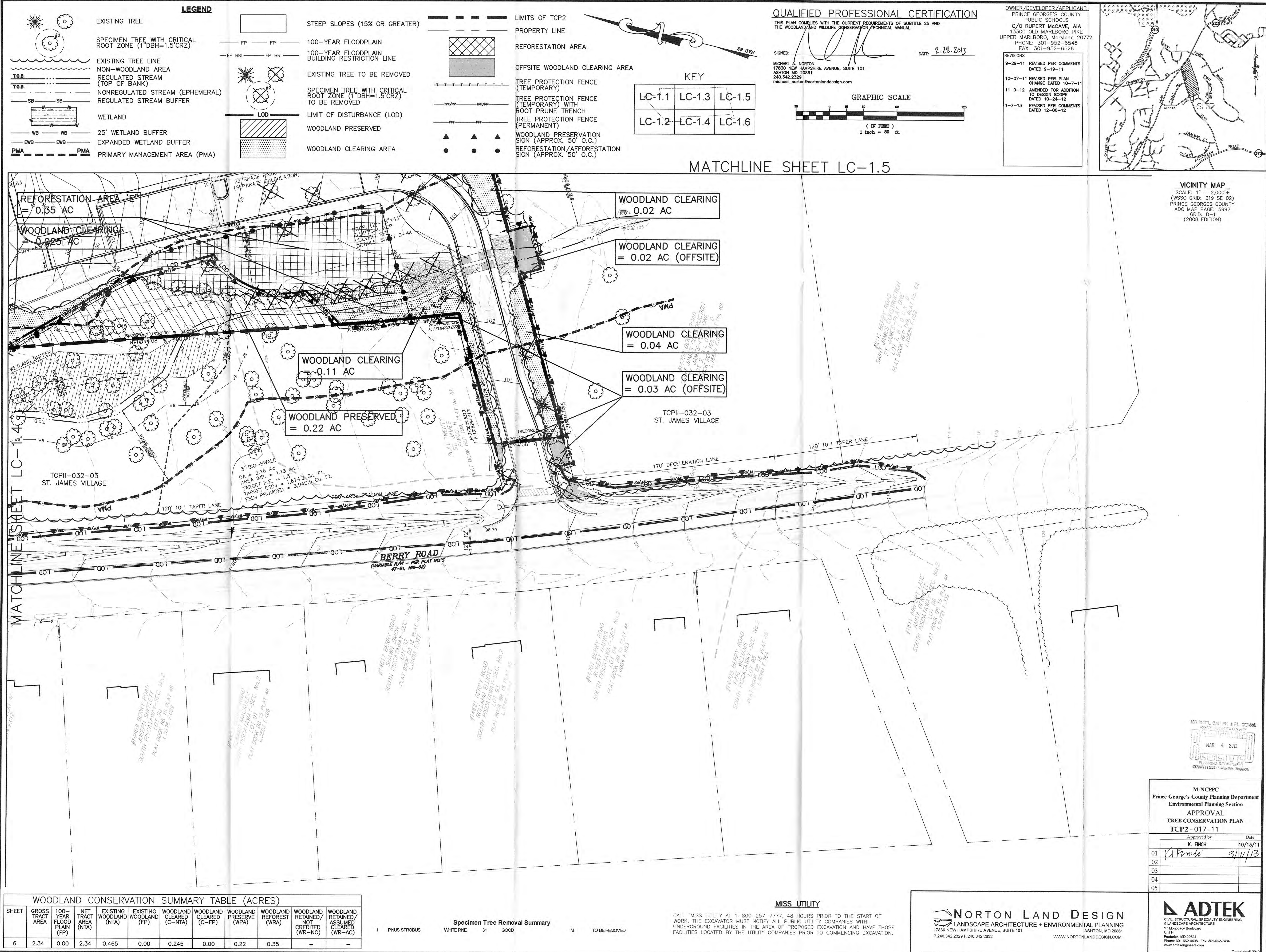
 **NORTON LAND DESIGN**
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING
17830 NEW HAMPSHIRE AVENUE, SUITE 101 ASHTON, MD 20861
P. 240.342.2329 F. 240.342.2632 WWW.NORTONLANDDESIGN.COM

ADTEK
CIVIL, STRUCTURAL, SPECIALTY ENGINEERING
& LANDSCAPE ARCHITECTURE
97 Monocacy Boulevard
Unit H
Frederick, MD 20724
Phone: 301-662-4408 Fax: 301-662-7484
www.adtekengineers.com



FINAL BID SET





HAYES LARGE ARCHITECTS LLP

Logan Boulevard & Fifth Avenue

Altoona PA

75 South Housa Road Suite 300

Harrisburg PA

200 W Beaver Ave Suite 200

State College PA

203 J Harrison Street SE

Leesburg VA

11350 McCormick Road Suite 805

Baltimore MD

Major Renovation to
Eugene Burroughs Middle School
14400 Berry Road Accokeek, MD 20607
for the
Prince George's County Public Schools

PSC No: 16.005

Date: 2/25/2013

Revised:

Drawn By: MES

Checked By: MAN

Project No: 090701

TREE CONSERVATION PLAN 2

M-NCPPC

Prince George's County Planning Department

Environmental Planning Section

APPROVAL

TREE CONSERVATION PLAN

TCP2-017-11

Approved by: K. FINCH

Date: 10/13/11

01 3/11/13

02

03

04

05

LC-1.6

FINAL BID SET

STANDARD TYPE 2 TREE CONSERVATION PLAN NOTES

- THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR THE SEDIMENT CONTROL PERMIT. IF THE SEDIMENT CONTROL PERMIT EXPIRES, THEN THIS TYP2 ALSO EXPIRES AND IS NO LONGER VALID.
- CUTTING OR CLEARING OF WOODLAND NOT IN CONFORMANCE WITH THIS PLAN OR WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PLANNING DIRECTOR OR DESIGNEE SHALL BE SUBJECT TO A \$9.00 PER SQUARE FOOT PENALTY FOR VIOLATION.
- A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION OR THE DEPARTMENT OF ENVIRONMENTAL RESOURCES, AS APPROPRIATE, SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON 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 CONTRACT 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 RA.
- THE SITE IS NOT ADJACENT TO A ROADWAY DESIGNATED AS SCENIC, HISTORIC, A PARKWAY OR A SCENIC BYWAY.
- THE SITE IS ADJACENT TO LIVINGSTON ROAD WHICH IS CLASSIFIED AS AN ARTERIAL ROADWAY.
- THIS PLAN IS NOT GRANDFATHERED UNDER CB-27-2010, SECTION 25-117(G).

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 TREES THAT ARE NOT SPECIFICALLY IDENTIFIED TO BE CLEARED ON THE APPROVED TYP2.
- 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 (TPF) SHOWN ON THIS PLAN SHALL BE PLACED 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 TYP2.
- WOODLAND PRESERVATION AREAS SHALL BE POSTED WITH SIGNAGE AS SHOWN ON THE PLANS AT THE SAME TIME AS THE TEMPORARY TPF INSTALLATION. THESE SIGNS SHALL REMAIN IN PERPETUITY.
- 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.
- 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 TAKE IMMEDIATE ACTION TO REMOVE OR STABILIZE THE TREES. MEASURES INCLUDING THE REMOVAL OF THE HAZARDOUS TREE OR PORTIONS THEREOF SHALL BE REQUIRED IMMEDIATELY. 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.

- 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.
- 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 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 THE TREE OR PORTION OF THE TREE IS 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 IMMEDIATE ACTION TO REMOVE OR STABILIZE THE TREE. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.

- IF CORRECTIVE PRUNING MAY ALLEVIATE A HAZARDOUS CONDITION, THE CERTIFIED ARBORIST OR A LICENSED TREE EXPERT MAY PROCEED WITHOUT FURTHER AUTHORIZATION. THE PRUNING MUST BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE APPROPRIATE ANSI A-300 PRUNING STANDARDS. THE CONDITION OF THE AREA SHALL BE FULLY DOCUMENTED THROUGH PHOTOGRAPHS PRIOR TO CORRECTIVE ACTION BEING TAKEN. THE PHOTOS SHALL BE SUBMITTED TO THE INSPECTOR FOR DOCUMENTATION OF THE DAMAGE.
- DEBRIS FROM THE TREE REMOVAL OR PRUNING THAT OCCURS WITHIN 35 FEET OF THE WOODLAND EDGE MAY BE REMOVED AND PROPERLY DISPOSED OF BY RECYCLING, CHIPPING OR OTHER ACCEPTABLE METHODS. ALL DEBRIS THAT IS MORE THAN 35 FEET FROM THE WOODLAND EDGE SHALL BE CUT UP TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION. THE SMALLER MATERIALS SHALL BE PLACED INTO BRUSH PILES THAT WILL SERVE AS WILDLIFE HABITAT.

- TREE WORK TO BE COMPLETED WITHIN A ROAD RIGHT-OF-WAY REQUIRES A PERMIT FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES UNLESS THE TREE REMOVAL IS SHOWN WITHIN THE APPROVED LIMITS OF DISTURBANCE ON A TYP2. THE WORK IS REQUIRED TO BE CONDUCTED BY A LICENSED TREE EXPERT.
- AFFORESTATION AND REFORESTATION NOTES

- ALL AFFORESTATION AND REFORESTATION BONDS, BASED ON SQUARE FOOTAGE, SHALL BE POSTED WITH THE COUNTY PRIOR TO THE ISSUANCE OF ANY PERMITS. THESE BONDS WILL BE RETAINED 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 PRIOR TO THE ISSUANCE OF THE FIRST BUILDING PERMIT. SEEDLING PLANTING IS TO OCCUR FROM NOVEMBER THROUGH MAY ONLY. NO PLANTING SHALL BE DONE IN WINTER MONTHS. PLANTING WITH LARGER CALIBER STOCK OR CONTAINERIZED STOCK MAY BE DONE AT ANY TIME PROVIDED A DETAILED MAINTENANCE SCHEDULE IS PROVIDED.

- IF PLANTING CANNOT OCCUR DUE TO PLANTING CONDITIONS, THE DEVELOPER OR PROPERTY OWNER SHALL INSTALL THE FENCING AND SIGNAGE IN ACCORDANCE WITH THE APPROVED TYPE 2 TREE CONSERVATION PLAN. PLANTING SHALL THEN BE COMPLETED 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 THE 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 TYP2.
- THE COUNTY INSPECTOR SHALL BE NOTIFIED PRIOR TO SOIL PREPARATION OR INITIATION OF ANY TREE PLANTINGS ON THIS SITE.

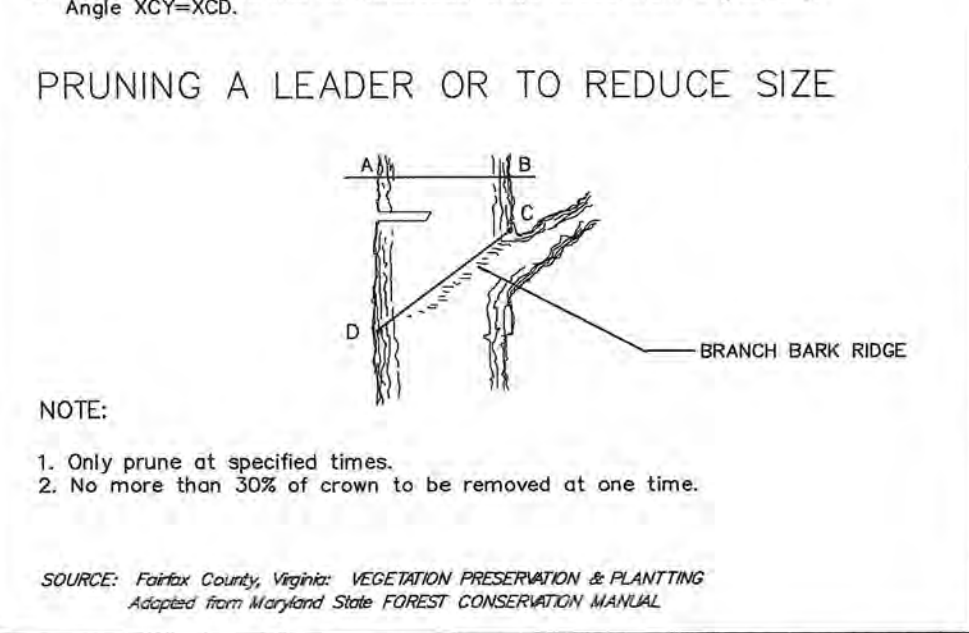
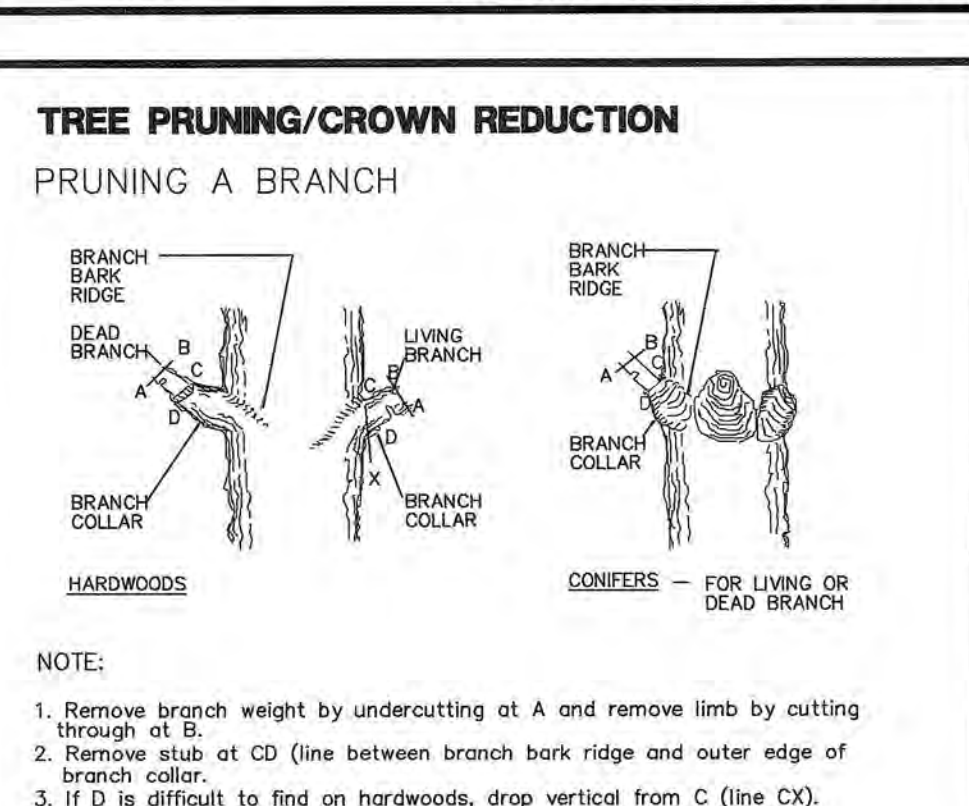
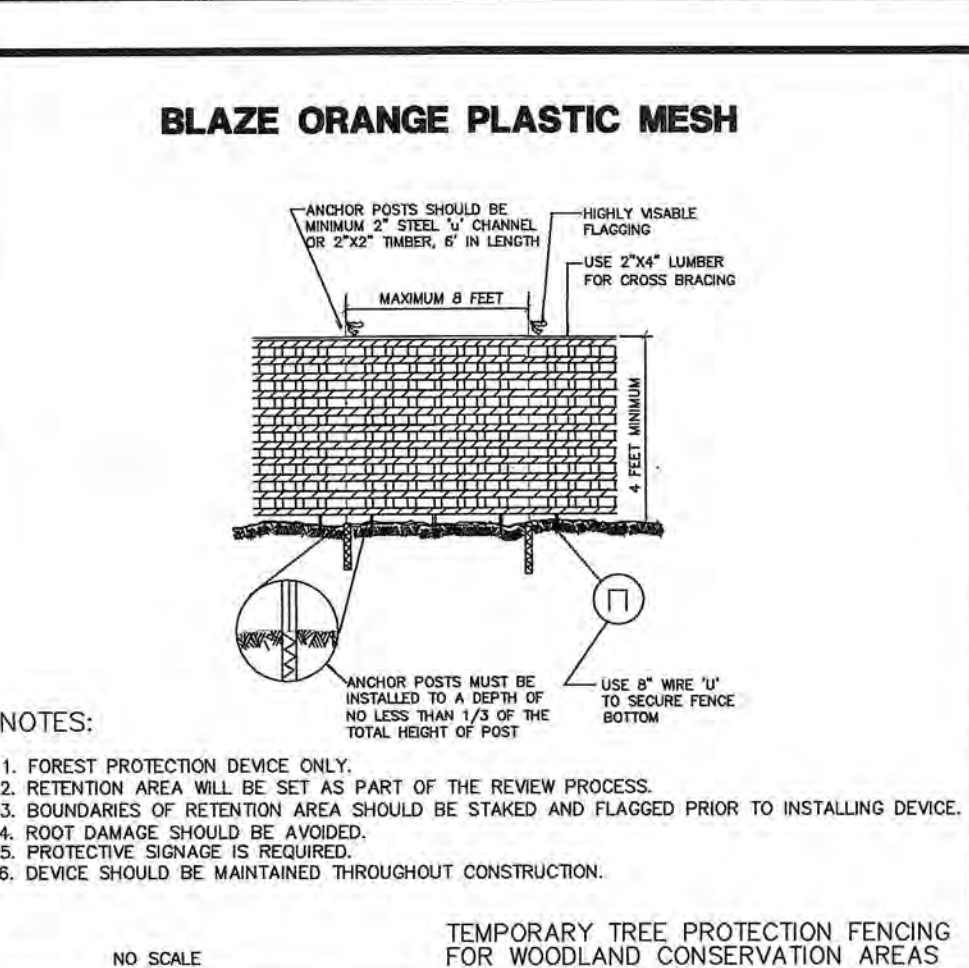
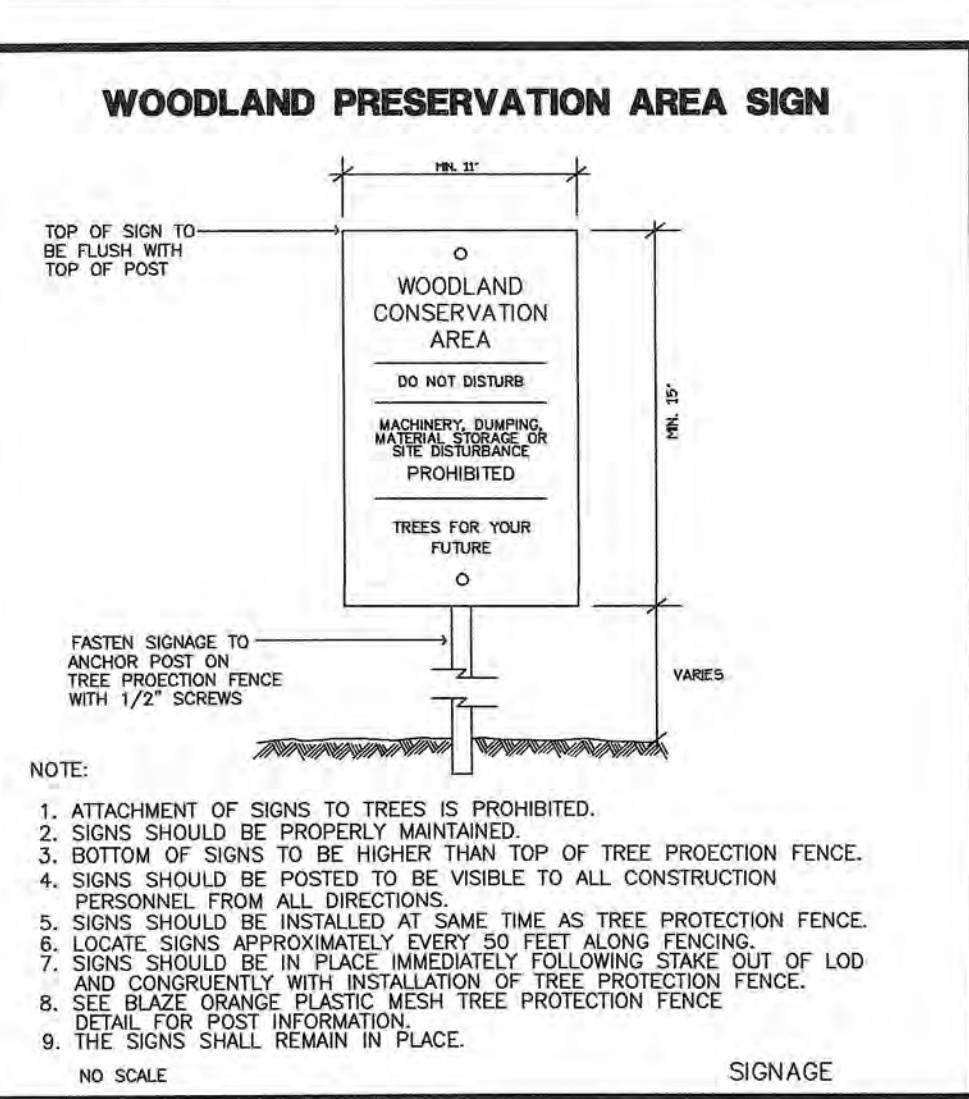
- AT THE TIME OF ISSUANCE OF THE FIRST PERMIT, THE FOLLOWING INFORMATION SHALL BE SUBMITTED TO THE M-NCPPC PLANNING DEPARTMENT REGARDING THE CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN:
CONTRACTOR NAME: BUSINESS NAME:
ADDRESS: PHONE:
RESULTS OF ANNUAL SURVIVAL CHECKS FOR EACH OF THE REQUIRED 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 VIOLATION OF THIS PLAN INCLUDING THE ASSOCIATED \$9.00 PER SQUARE FOOT PENALTY UNLESS THE COUNTY INSPECTOR APPROVES A WRITTEN EXTENSION.

- POST DEVELOPMENT NOTES
- 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 CLOSE TO THE GROUND AS FAR 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 IMMEDIATE ACTION TO REMOVE OR STABILIZE THE TREE. 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 TYP2. 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 HAND-HELD EQUIPMENT ONLY (PRUNERS OR A CHAINSAW). 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 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 GUIDANCE DIRECTLY TO THE CUT STUMP IMMEDIATELY FOLLOWING CUTTING OF PLANT TOPS. THE USE OF ANY HERBICIDE 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.



SOURCE: Federal County, Virginia: VEGETATION PRESERVATION & PLANTING Adapted from Maryland State FOREST CONSERVATION MANUAL

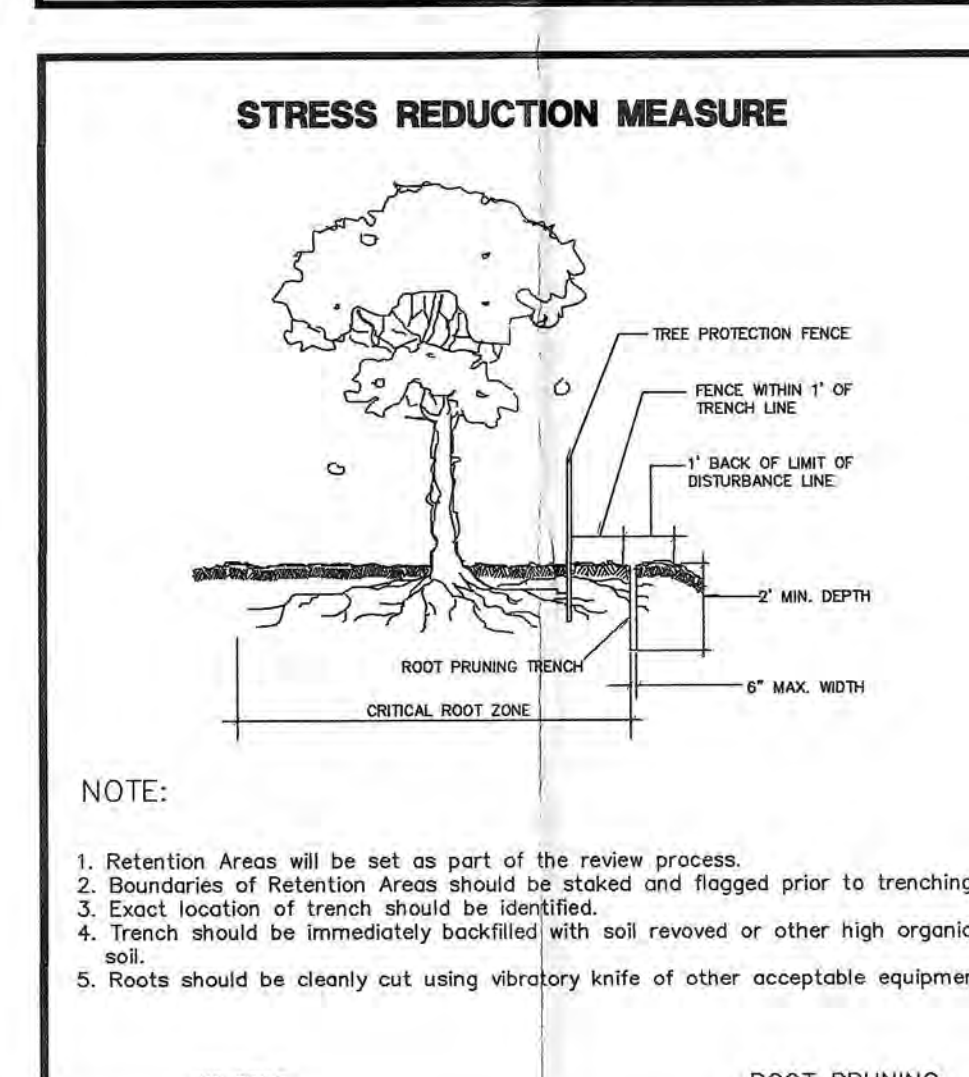
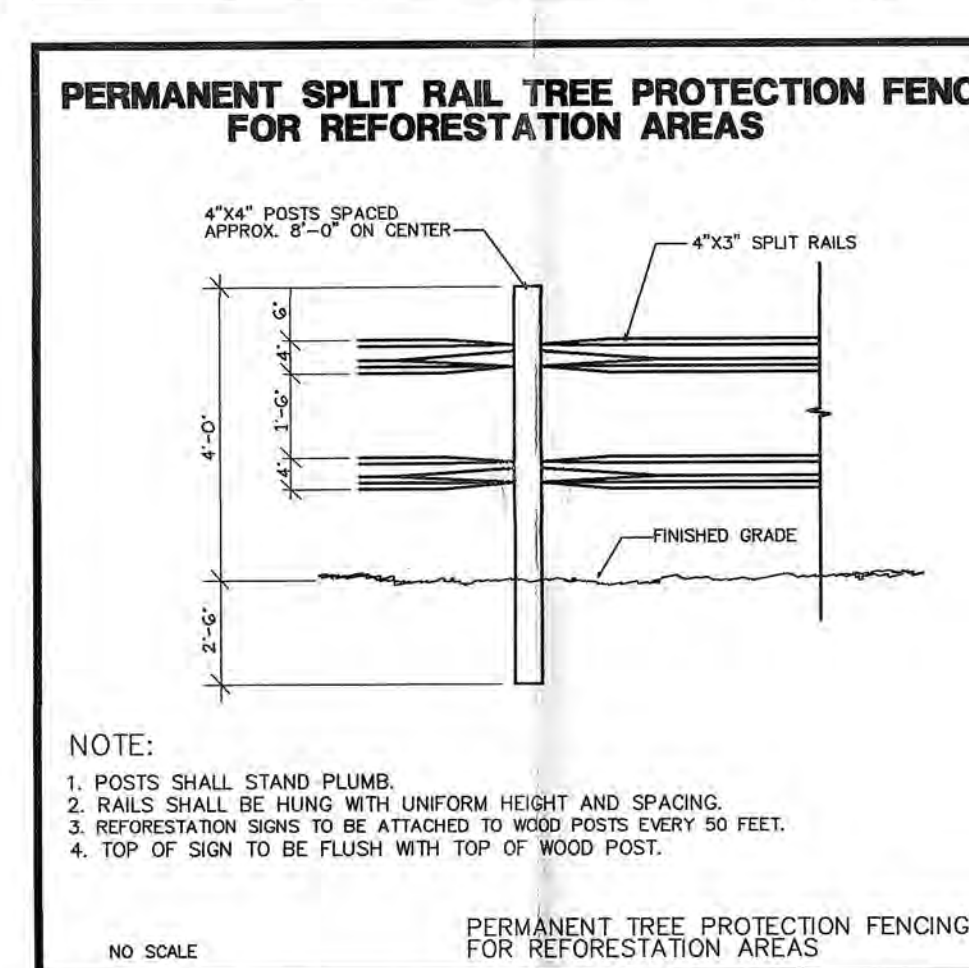
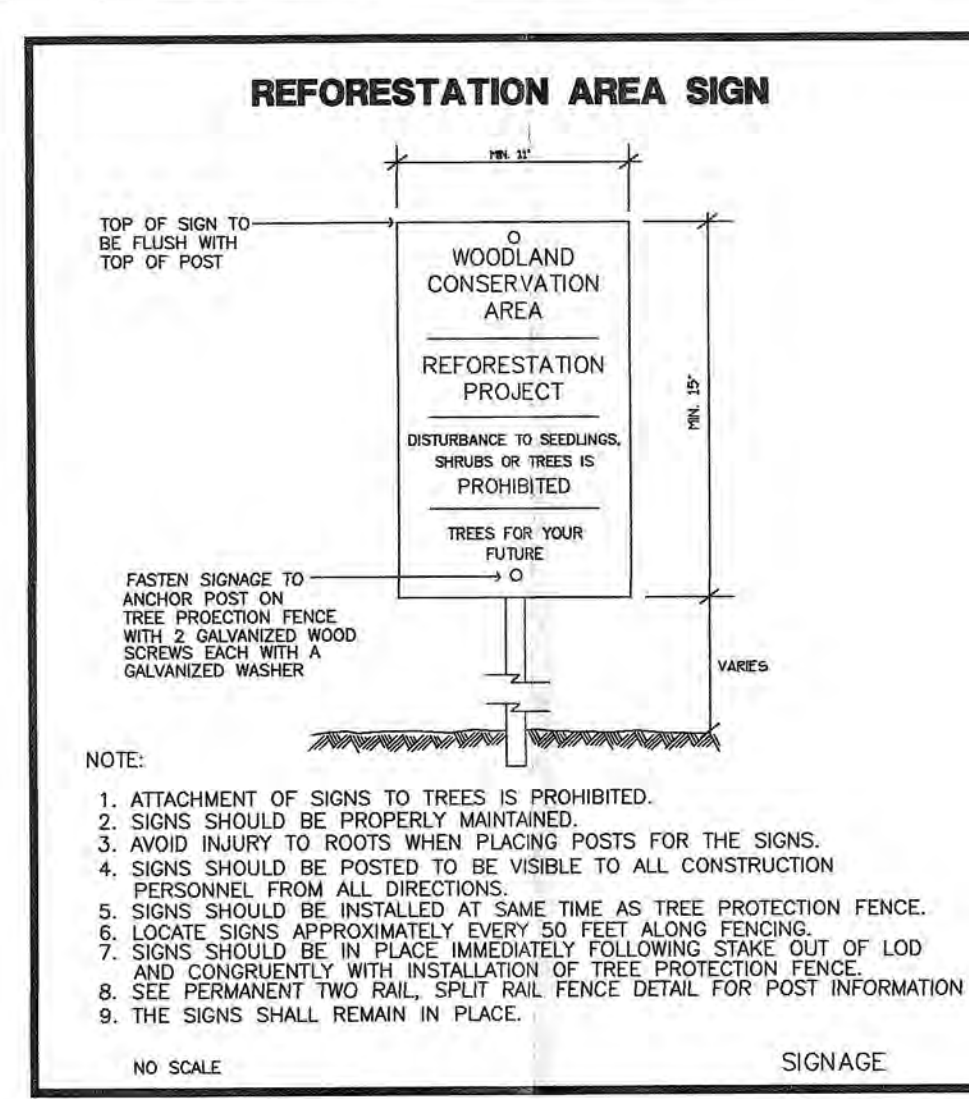
NR/FSD Specimen, Champion and Historic Tree Table

Tree #	Scientific Name	Species	D.B.H. (inches)	Tree Condition	General Comments	Proposed Disposition
1	PRUNUS STROBUS	WHITE PINE	31	GOOD	CO-OWNED	TO BE REMOVED
2	PLATANUS OCCIDENTALIS	SYCAMORE	34	GOOD		TO BE REMOVED
3	ACER RUBRUM	RED MAPLE	34	GOOD		TO BE REMOVED
4	QUERCUS ALBA	WHITE OAK	37	GOOD		TO BE REMOVED
5	QUERCUS PHellos	YELLOW OAK	30	GOOD		TO BE REMOVED
6	QUERCUS FALCATA	SOUTHERN RED OAK	33	GOOD		TO BE REMOVED
7	FAGUS GRANDIFOLIA	AMERICAN BEECH	34	GOOD		OFFSITE
8	QUERCUS PALustris	PIN OAK	33	GOOD		OFFSITE
9	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
10	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
11	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
12	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
13	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
14	QUERCUS RUBRA	RED OAK	34	GOOD		OFFSITE
15	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
16	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
17	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
18	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
19	QUERCUS PALustris	PIN OAK	36	GOOD		OFFSITE
20	ACER RUBRUM	RED MAPLE	34	GOOD		OFFSITE
21	ACER RUBRUM	RED MAPLE	34	GOOD		OFFSITE
22	PLATANUS OCCIDENTALIS	SYCAMORE	37	GOOD		OFFSITE
23	FRAXINUS AMERICANA	WHITE ASH	30	GOOD		OFFSITE
24	QUERCUS PHellos	YELLOW OAK	34	GOOD		OFFSITE
25	LIRODENDRON TULIPIFERA	YELLOW POPLAR	34	GOOD		OFFSITE
26	QUERCUS PHellos	YELLOW OAK	32	GOOD		OFFSITE
27	ACER RUBRUM	RED MAPLE	34	GOOD		OFFSITE
28	FAGUS GRANDIFOLIA	AMERICAN BEECH	36	GOOD		OFFSITE
29	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36	GOOD		OFFSITE
30	LIRODENDRON TULIPIFERA	YELLOW POPLAR	46	POOR	HEART ROT/HOLLOW	TO BE REMOVED
31	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36	POOR	HEART ROT	TO BE REMOVED
32	ACER RUBRUM	RED MAPLE	32	GOOD	35" DBH USED FOR CRZ	TO BE REMOVED
33	PLATANUS OCCIDENTALIS	SYCAMORE	32	GOOD		OFFSITE
34	PRUNUS SPONTANEA	BLACK CHERRY	32	GOOD		OFFSITE
35	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36	POOR		OFFSITE
36	LIRODENDRON TULIPIFERA	YELLOW POPLAR	30.24	GOOD		OFFSITE
37	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36	GOOD		OFFSITE
38	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36	GOOD		OFFSITE
39	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36.24	GOOD		OFFSITE
40	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36	GOOD		OFFSITE
41	LIRODENDRON TULIPIFERA	YELLOW POPLAR	36	GOOD		OFFSITE
42	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
43	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
44	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
45	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
46	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
47	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
48	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
49	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
50	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
51	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE
52	ACER RUBRUM	RED MAPLE	36	GOOD		OFFSITE

NOTE: 1. THIS PLAN IS APPROVED IN ACCORDANCE WITH THE FOLLOWING VARIANCES FROM THE STRICT REQUIREMENTS OF SUBTITLE 25 APPROVED BY THE PLANNING DIRECTOR ON 10/07/11 AND 02/20/13:
A) THE REMOVAL OF TWELVE SPECIMEN TREES (SECTION 25-122(b)(1)(G)).
S-1, S-2, S-3, S-4, S-5, S-6, S-7, S-8, S-9, S-10, S-11, S-12, S-13, S-14, S-15, S-16, S-17, S-18, S-19, S-20, S-21, S-22, S-23, S-24, S-25, S-26, S-27, S-28, S-29, S-30, S-31, S-32, S-33, S-34, S-35, S-36, S-37, S-38, S-39, S-40, S-41, S-42, S-43, S-44, S-45, S-46, S-47, S-48, S-49, S-50, S-51, S-52, S-53, S-54, S-55, S-56, S-57, S-58, S-59, S-60, S-61, S-62, S-63, S-64, S-65, S-66, S-67, S-68, S-69, S-70, S-71, S-72, S-73, S-74, S-75, S-76, S-77, S-78, S-79, S-80, S-81, S-82, S-83, S-84, S-85, S-86, S-87, S-88, S-89, S-90, S-91, S-92, S-93, S-94, S-95, S-96, S-97, S-98, S-99, S-100.

MISS UTILITY

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 REGARD TO UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.



PROPOSED REFORESTATION PLANT MATERIALS

AREA 'A'	AREA 'B'	AREA 'C'	AREA 'D'	AREA 'E'	AREA 'F'	AREA 'G'	BOTANICAL NAME	COMMON NAME	SIZE	UNIT/ROOT	SPACING	FORM
0.38 AC X 150 = 57 TREE REQUIRED	0.04 AC X 150 = 6 TREE REQUIRED	0.35 AC X 150 = 53 TREE REQUIRED	0.01 AC X 150 = 2 TREE REQUIRED	0.35 AC X 150 = 53 TREE REQUIRED	0.02 AC X 150 = 3 TREE REQUIRED	0.33 AC X 150 = 50 TREE REQUIRED	ACER RUBRUM	RED MAPLE	1.5-2" CAL.	B&B	RANDOMLY 20' O.C.	TREE
12	1	10	0	11	0	10	QUERCUS PRINUS	CHESTNUT OAK	1.5-2" CAL.	B&B	RANDOMLY 20' O.C.	TREE
11	1	11	1	1	10	10	CARYA TOMENTOSA	MOCKERNUT HICKORY	24" HEIGHT	CONT.	RANDOMLY 32' O.C.	SHRUB
11	1	11	1	10	0	10	LIRODENDRON TULIPIFERA	TULIP POPLAR	1.5-2" CAL.	B&B	RANDOMLY 20' O.C.	TREE
11	2	11	0	10	1	10	NYSSA SYLVATICA	BLACK GUM	12" HEIGHT	CONT.	RANDOMLY 32' O.C.	SHRUB
2	1	2	0	2	0	1	LINDERA BENZOIN	SPICEBUSH	18" HEIGHT	CONT.	RANDOMLY 32' O.C.	SHRUB
2	0	2	1	2	0	2	HAMMAMELIS VIRGINIANA	WITCH HAZEL	1.5-2" CAL.	B&B	RANDOMLY 20' O.C.	TREE
2	0	2	0	2	1	2	AMELANCHIER CANADENSIS	SERVICEBERRY	1.5-2" CAL.	B&B	RANDOMLY 20' O.C.	TREE
57 TREE PROVIDED	6 TREE PROVIDED	53 TREE PROVIDED	2 TREE PROVIDED	53 TREE PROVIDED	3 TREE PROVIDED	50 TREE PROVIDED						TREE
6 SHRUB PROVIDED	1 SHRUB PROVIDED	6 SHRUB PROVIDED	1 SHRUB PROVIDED	6 SHRUB PROVIDED	1 SHRUB PROVIDED	5 SHRUB PROVIDED						SHRUB
31 LBS	4 LBS	28 LBS	1 LBS	28 LBS	2 LBS	27 LBS						
14 LBS	2 LBS	13 LBS	1 LBS	13 LBS	1 LBS	12 LBS						

NOTES: 1. STABILIZE DISTURBED OR BARE AREAS WITH NATIVE UPLAND MIX AND COMPANION SEED MIX AS INDICATED. 2. TREES ARE TO BE PROTECTED WITH TREE SHELTERS PER DETAIL ON THIS SHEET OR APPROVED EQUAL. 3. PLANTING STOCK MUST MEET THE STANDARDS SET BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. 4. NO CLEARING IS TO TAKE PLACE OUTSIDE OF THE LIMITS OF DISTURBANCE. 5. TREES AND SHRUBS TO BE PLANTED OUTSIDE THE LOD ARE TO BE DUG WITH HAND EQUIPMENT ONLY. NO MACHINERY IS TO BE USED OUTSIDE OF THE LOD. PLANTS ARE TO BE INSTALLED AND STABILIZED SAME DAY.

PLANTING SPECIFICATION NOTES

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

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

PLANTS SHALL BE SHIPPED BY THE NURSERY IMMEDIATELY AFTER LIFTING FROM THE FIELD OR REMOVAL FROM THE 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, COCOPEAT, 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 WHEN 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 GRADING AND STABILIZATION OF PLANTING AREAS.

- SEEDLING PLANTING: TREE SEEDLINGS SHALL BE HAND PLANTED USING A DIGGLE 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. MORE THAN ONE SEEDLING SHOULD NOT BE PLANTED IN THE SAME HOLE. 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. HAND 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.
- 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 TO TESTING TO DETERMINE THE COMPANY OF THE COMPANY OF SOILS SHALL MAKE RECOMMENDATIONS FOR IMPROVING THE EXISTING SOIL. THE SOIL WILL BE TESTED AND RECOMMENDED FOR CORRECTIONS OF SOIL TEXTURE, PH, MAGNESIUM,