

WOODLAND CONSERVATION WORKSHEET FOR GOVERNMENTAL PROJECT

ZONE: R-E
GROSS TRACT: 55.23 AC.
100-YEAR FLOODPLAIN: 5.55 AC.
DEDICATED LAND: 0.06 AC.
NET TRACT: 49.62 AC.

OWNER: Prince George's County Public Schools
ADDRESS: 13300 Old Marlboro Pike
Upper Marlboro, Maryland 20772
PHONE: 301-952-6541
FAX MAP/GRID/PARCEL: 92 / A2

EXISTING WOODLAND ON-SITE: 37.62 AC.
WOODLAND REMOVED: 24.77 AC.
WOODLAND PRESERVED: 12.85 AC.
WOODLAND REPLACEMENT REQUIRED (1:1): 24.77 AC.
(See notes below)
WOODLAND PRESERVED BUT NOT COUNTED (IN FLOODPLAIN): 5.24 AC.

NOTES REGARDING WOODLAND REPLACEMENT: REFORESTATION ON SITE: 2.96 AC.
PRESERVATION OFF-SITE: 21.81 AC. X 2 = 43.62 AC.
NOTE: OFF-SITE PRESERVATION WILL BE DONE AT A 2:1 RATIO

REVISED

SHEET 4

TREE PRESERVATION AREA
02.08 ACRES
COMPLETED 2010

REFORESTATION AREA
0.49 ACRES
COMPLETED 2010

TREE PRESERVATION AREA
0.67 ACRES

NO REVISIONS
BEYOND THIS
POINT
(SHEET 4)

REFORESTATION AREA
0.31 ACRES
COMPLETED 2010

AREA OF
REVISION

REFORESTATION
AREA 1.03
ACRES

SHEET 3

TREE PRESERVATION AREA
02.19 ACRES

NO REVISIONS TO THIS SHEET;
SCHOOL AND ASSOCIATED
FACILITIES AS SHOWN ON THIS
PLAN CONSTRUCTED IN 2010

REFORESTATION AREA
0.69 ACRES
COMPLETED 2010

TREE PRESERVATION AREA
02.67 ACRES
COMPLETED 2010

SHEET 2

SHEET 2

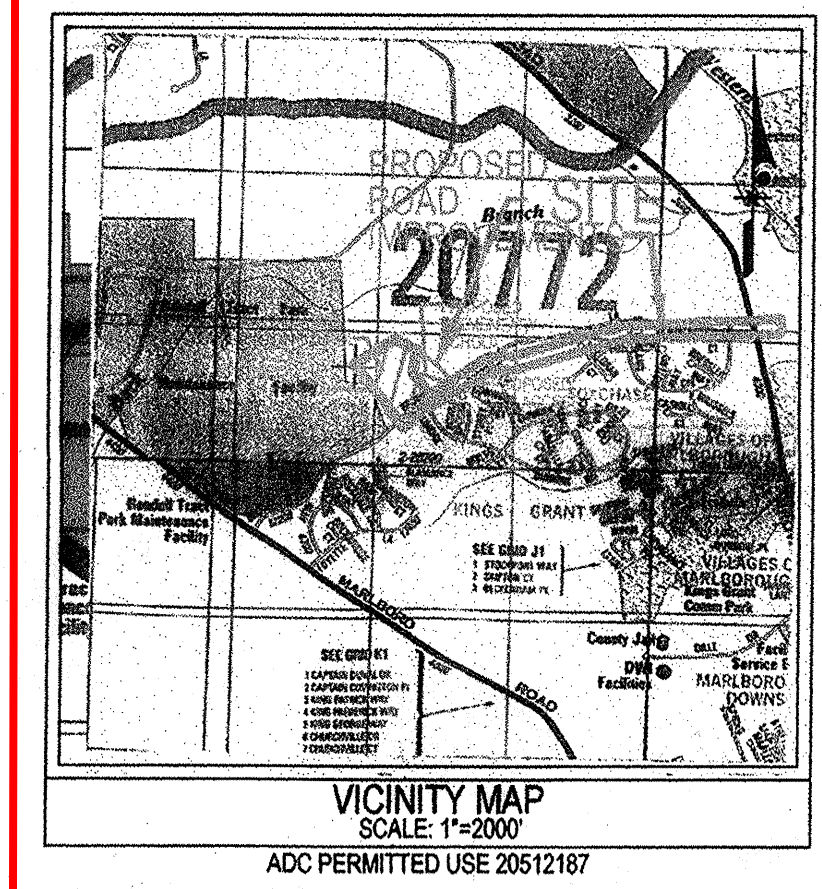
SHEET 3

REFORESTATION AREA
01.27 ACRES
COMPLETED 2010

NOTE:
AREA REVISED FOR
SEDIMENT TRAP #1

LEGEND

- PROPERTY BOUNDARY
- EXISTING TREELINE
- WETLAND BUFFER
- EXISTING CONTOUR
- PROPOSED CONTOUR
- LIMIT-OF-DISTURBANCE LINE
- SIGNIFICANT TREES
- PMA LINE
- EXISTING STREAM
- FLOODPLAIN
- STREAM VALLEY BUFFER
- EXISTING WETLANDS
- EXISTING WETLAND BUFFER
- TREE SAVE FENCE
- TREE PRESERVATION AREA
- REFORESTATION AREA
- PRESERVED FOREST
NOT INCLUDED IN PRESERVATION CALCULATIONS
BECAUSE IN FLOODPLAIN
- TREE PROTECTION SIGN LOCATION



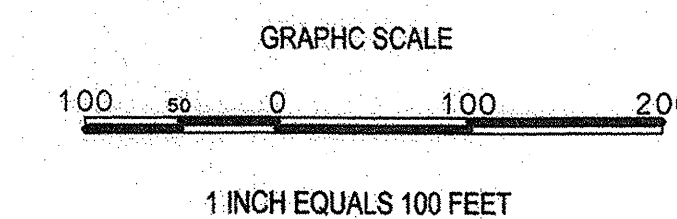
DEAD/DOWNED SIGNIFICANT
TREES FROM 2002 SURVEY
(ST-#) SPECIMEN TREE WITH
REVISED DATA
ST-# 2021 SPECIMEN TREE

GENERAL NOTES

- TOTAL PROJECT AREA IS 2,405,818 SQ. FT. OR 55.23 ACRES
- DEED REFERENCE: LIBER 6910 FOLIO 079 PARCEL 7.
- SITE IS KNOWN AS TAX MAP 92 GRID A-2 ADC MAP 20 GRID G-13
EXISTING ZONING IS R-E.
- PROPERTY LINE AND TOPOGRAPHIC SURVEY INFORMATION HERON
WAS PREPARED BY LOEDERMAN SOLTEZ ASSOCIATES FOR PGPCS IN
NOVEMBER, 2003 MD STATE DATUM NAD 83/NAVD 29.
- PROPOSED USE: PUBLIC SCHOOL BUILDING.
- PUBLIC WATER AND SEWER SERVICE TO BE PROVIDED UPON APPLICATION
TO THE SITE. EXISTING SERVICE CATEGORIES: W-3 AND S-3.
- NO HISTORIC SITES ARE KNOWN TO EXIST WITHIN OR ADJACENT
TO THE SUBJECT PROPERTY.
- THE PREDOMINANT SOIL TYPES ARE MARR FINE SAND, MIXED ALLUVIAL LAND,
AND STEEP SANDY LAND.
- PERENNIAL STREAMS ARE LOCATED ON THE SUBJECT PROPERTY.
- IN JANUARY OF 2002 AND SEPTEMBER OF 2003, LOEDERMAN SOLTEZ ASSOCIATES, INC.
CONDUCTED A FOREST STAND DELINEATION (FSD) AND WETLAND INVESTIGATION ON THE
PROPOSED SITE FOR THE SUBREGION 6 HIGH SCHOOL FOR PRINCE GEORGE'S COUNTY
PUBLIC SCHOOLS.
- CONTOUR INTERVAL: 2'
- CONCEPT STORM DRAIN (CSD) #3244-2002-01

PROPERTY OWNERS
AWARENESS CERTIFICATE

MAK E. P. 10/10/02
10/10/02
10/10/02



OWNER/DEVELOPER
PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS
13300 OLD MARLBORO PIKE
UPPER MARLBORO, MARYLAND 20772
ATTENTION: MR. RUPERT MCAVE
PHONE 301-952-6593

M-NOPPC Prince George's County Planning Department Environmental Planning Section APPROVAL TREE CONSERVATION PLAN TCP2-048-02		
Approved by	Date	
JOHN MARKOVICH	6/18/02	
01 JOHN MARKOVICH	11/24/03	
02 JOHN MARKOVICH	2/9/04	
03 K. FRITZ	1/23/08	
04 J.L. Stasz	11/25/08	
05 Mary Rea	8/15/22	

MARYLAND DEPARTMENT OF NATURAL RESOURCES, QUALIFIED PROFESSIONAL
CENTURY ENGINEERING, INC. 443-589-2400
KAREN BOWMAN
7/20/2022
SIGNATURE DATE

CENTURY
ENGINEERING
A LANDSCAPE COMPANY
1070 GILROY ROAD, HAIT VALLEY, MD 20831
PHONE 443-589-2400

KAREN BOWMAN
QUALIFIED PROFESSIONAL
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Fax 301 595 0089

1355 Raverty Road
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Tel 703 903 9100
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2 Bethesda Metro Center
Suite 1350
Bethesda, MD 20814
Tel 240 223 0500
Fax 240 223 0510

GRIMM +
PARKER

TREE CONSERVATION PLAN 2
BARACK OBAMA ELEMENTARY SCHOOL
OUTFALL RESTORATION (0-30)

DATE	DESCRIPTION
3-23-04	ADDENDUM
3-26-04	ADDENDUM
3-26-04	ADDENDUM
4-02-04	ADDENDUM
5-14-04	PGDR COMMENTS
11-27-07	ADDITION OF SEDIMENT TRAP #1
10/30/08	ADDITION OF SEDIMENT TRAP #1

SCALE: 1" = 100'
1 of 5
TREE CONSERVATION
PLAN II
C-2
CONSTRUCTION SET
© GRIMM AND PARKER, P.C. 2007

SCALE: 1" = 50'

SHEET 2

SHEET 4

SHEET 3

SHEET 2

LEGEND

- PROPERTY BOUNDARY
- EXISTING TREELINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- LIMIT-OF-DISTURBANCE LINE
- SIGNIFICANT TREES
- PMA LINE
- EXISTING STREAM
- FLOODPLAIN
- STREAM VALLEY BUFFER
- EXISTING WETLANDS
- TREE SAVE FENCE
- TREE PRESERVATION AREA
- REFORESTATION AREA
- PRESERVED FOREST
NOT INCLUDED IN PRESERVATION CALCULATIONS
BECAUSE IN FLOODPLAIN
- TREE PROTECTION SIGN LOCATION

M-NCPPC Prince George's County Planning Department Environmental Planning Section APPROVAL TREE CONSERVATION PLAN TCP2-048-02		
Approved by	Date	
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JOHN MARKOVICH	11/24/03	
JOHN MARKOVICH	2/9/04	
K. FRITZ	1/23/08	
J.L. Stasz	11/25/08	
Mary Rea	8/15/22	

MARYLAND DEPARTMENT OF NATURAL RESOURCES, QUALIFIED PROFESSIONAL
CENTURY ENGINEERING, INC.
KAREN BOWMAN
443-589-2400
7/20/2022
DATE

PROPERTY OWNERS
AWARENESS CERTIFICATE
I, MARK E. ROSEN, hereby
acknowledge that we are aware of this Tree Conservation
Plan (TCP2) and that we understand the requirements as set forth
in this TCP2.

NO REVISIONS TO THIS SHEET;
SCHOOL AND ASSOCIATED FACILITIES
AS SHOWN ON THIS PLAN
CONSTRUCTED IN 2010

GRAPHIC SCALE: 1" = 50'

OWNER / DEVELOPER
PRINCE GEORGES COUNTY PUBLIC SCHOOLS
13300 OLD MARLBORO PIKE
UPPER MARLBORO, MARYLAND 20772
ATTENTION: MR. RUPERT MCCAIG
PHONE 301-952-6993

DATE	DESCRIPTION
3-23-04	ADDENDUM
3-26-04	ADDENDUM
3-26-04	ADDENDUM
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5-14-04	PGDR COMMENTS
11-27-07	ADDITION OF ELEMENTARY SCHOOL
10/30/08	ADDITION OF SEDIMENT TRAP #1

SCALE: 1" = 50'
2 of 5
TREE CONSERVATION
PLAN II
C-3
CONSTRUCTION SET
© GRIMM AND PARKER, P.C. 2007

TREE CONSERVATION PLAN 2
BARACK OBAMA ELEMENTARY SCHOOL
OUTFALL RESTORATION (0-30)

2 Barabada Metro Center
Suite 1350
Bethesda, MD 20814
Tel 240 220 0500
Fax 240 220 0510

1355 Beverly Road
Suite 105
McLean, VA 22101
Tel 703 803 9100
Fax 703 803 9155

11720 Belleville Drive
Suite 600
Calverton, MD 20705
Tel 301 595 1000
Fax 301 595 0089



TH CENTURY
ENGINEERING
A LENSELUBER COMPANY
1070 GILROY ROAD, HUNT VALLEY, MD 20831
PHONE 443-589-2400

NOTE:
WHEN THE HIGH SCHOOL WAS BUILT A PERMIT FROM
MDE WAS OBTAINED (PERMIT #04-NT-001) TO FILL THE HEADWATERS
OF THIS STREAM AS SHOWN ON THE APPROVED NRI AND TCP II (#48/02).
BASED ON A FIELD MEETING WITH THE ARMY CORPS OF
ENGINEERS ON SEPTEMBER 12, 2007, AND EXISTING FIELD CONDITIONS,
THE STREAM NOW STARTS AT THE LOCATION SHOWN ON THIS REVISED
TCP II. THE CHANNEL UPSTREAM OF THIS NEW STARTING POINT IS
A NON-JURISDICTIONAL DRAINAGE SWALE AS PER ARMY CORPS OF
ENGINEERS DETERMINATION.

ST-34

ST-8

APPRX. LIMITS OF PROPOSED
REFORESTATION (1.03 AC). SEE
ATTACHED LANDSCAPE PLAN.
LANDSCAPING ALSO PROPOSED
BEYOND THE DEPICTED LIMITS
WITHIN THE FEMA 100-YEAR
FLOODPLAIN BUT EXCLUDED
FROM WOODLAND
CONSERVATION CALCULATIONS

APPRX. LIMITS OF
REFORESTATION (1.03 AC)
SEE ATTACHED
LANDSCAPE PLAN.

SHEET 3

PROPOSED
SUBREGION VI
ELEMENTARY SCHOOL
F.F.E. = 107.00

SCALE: 1" = 50'

LEGEND

- PROPERTY BOUNDARY
- EXISTING TREELINE (NO REVISIONS)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- (LIMIT OF DISTURBANCE IS THE PLANTING AREA)
- LIMIT-OF-DISTURBANCE LINE
- SIGNIFICANT TREES (2002 SURVEY)
- PMA LINE
- EXISTING STREAM
- FLOODPLAIN
- STREAM VALLEY BUFFER
- EXISTING WETLANDS
- TREE SAVE FENCE
- TREE PRESERVATION AREA
- REFORESTATION AREA
- PRESERVED FOREST
NOT INCLUDED IN PRESERVATION CALCULATIONS
BECAUSE OF FLOODPLAIN
- TREE PROTECTION SIGN LOCATION
- PROPOSED EARTH DIKE
- DEAD/DOWNED SIGNIFICANT
TREES FROM 2002 SURVEY
- SPECIMEN TREE WITH REVISED DATA
- ST-#
- 2021 SPECIMEN TREE

M-NCPPC Prince George's County Planning Department Environmental Planning Section APPROVAL TREE CONSERVATION PLAN TCP2-048-02		
Approved by	Date	
JOHN MARKOVICH	6/18/02	
01 JOHN MARKOVICH	11/24/03	
02 JOHN MARKOVICH	2/9/04	
03 K. FRITZ	1/23/08	
04 J.L. Stasz	11/25/08	
05 Mary Rea	8/15/22	

MARYLAND DEPARTMENT OF NATURAL RESOURCES, QUALIFIED PROFESSIONAL
CENTURY ENGINEERING, INC. 443-589-2400
KAREN BOWMAN
SIGNATURE DATE 7/20/2022

PROPERTY OWNERS
AWARENESS CERTIFICATE
MAKER E. P. 6/19/22

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1070 GILROY ROAD, HUNT VALLEY, MD 20831
PHONE: 443-589-2400

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Fax 703.903.9755

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GRIMM
PARKER

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OUTFALL RESTORATION (0-30)

DATE	DESCRIPTION
3-23-04	ADDENDUM
3-26-04	ADDENDUM
3-26-04	ADDENDUM
4-02-04	ADDENDUM
5-14-04	PGDR COMMENTS
11-27-07	ADDITION OF ELEMENTARY SCHOOL
10/30/08	ADDITION OF SEDIMENT TRAP #1

SCALE: 1" = 50'
3 of 5
TREE CONSERVATION
PLAN II
C-4
CONSTRUCTION SET
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OWNER / DEVELOPER
PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS
13300 OLD MARLBORO PIKE
UPPER MARLBORO, MARYLAND 20772
ATTENTION: MR. RUPERT MCAVE
PHONE 301-952-6693

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP2-048-02

	Approved by	Date
	JOHN MARKOVICH	8/18/02
01	JOHN MARKOVICH	11/24/03
02	JOHN MARKOVICH	2/9/04
03	K. FRITZ	1/23/08
04	J.L. Stasz	11/25/08
05	Mary Rea	8/15/22

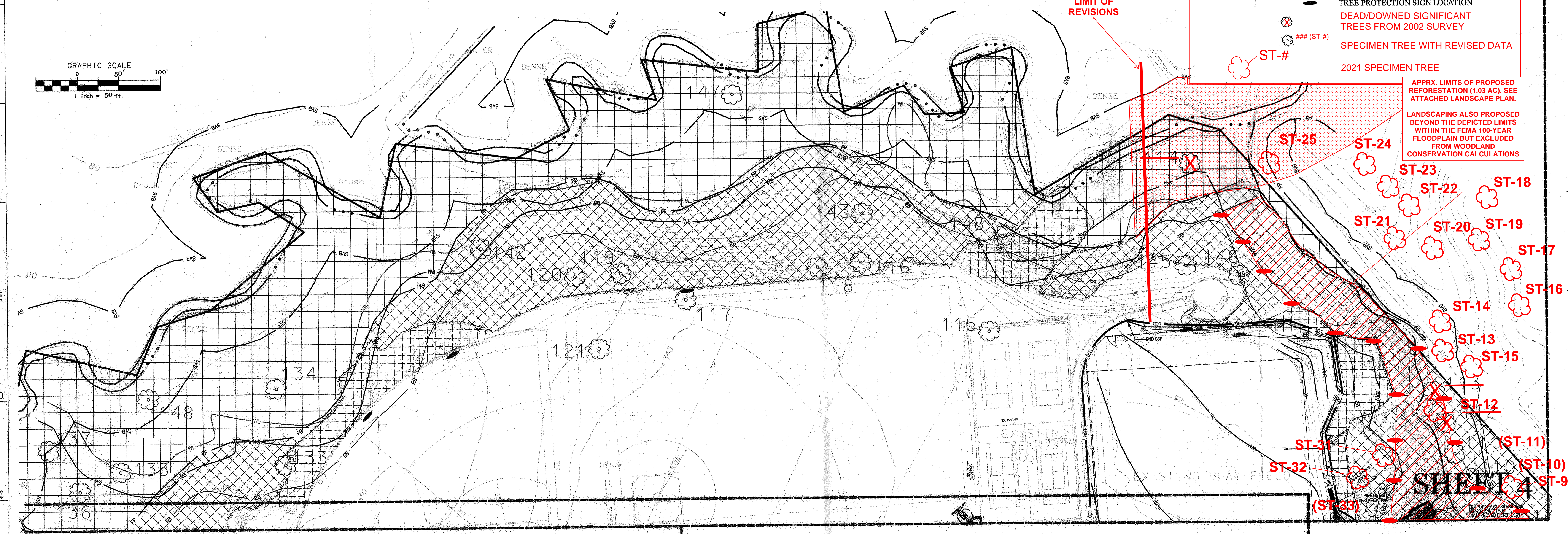
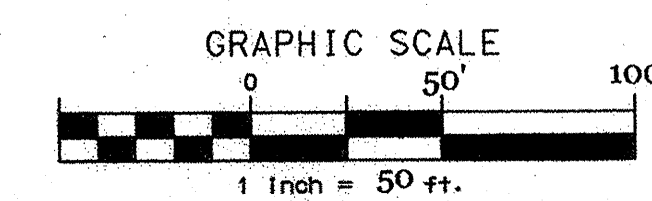
PROPERTY OWNERS
AWARENESS CERTIFICATE

MARCE E. FOSSETT
I hereby acknowledge that we are aware of the Tree Conservation Plan (TCP2) and that we understand the requirements as set forth in this plan.

Mary Rea
6/9/22

LEGEND

- PROPERTY BOUNDARY
- EXISTING TREELINE (NO REVISIONS)
- CRITICAL HABITAT AREAS
- EXISTING CONTOUR
- PROPOSED CONTOUR
(LIMIT OF DISTURBANCE IS THE PLANTING AREA)
- LIMIT-OF-DISTURBANCE LINE
- SIGNIFICANT TREES (2002 SURVEY)
- PMA LINE
- EXISTING STREAM
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- EXISTING WETLANDS
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- PRESERVED FOREST
NOT INCLUDED IN PRESERVATION CALCULATIONS BECAUSE IN FLOODPLAIN
- TREE PROTECTION SIGN LOCATION
- DEAD/DOWNED SIGNIFICANT TREES FROM 2002 SURVEY
- SPECIMEN TREE WITH REVISED DATA
- 2021 SPECIMEN TREE



SHEET 2

SHEET 3

SHEET 4

MARYLAND DEPARTMENT OF NATURAL RESOURCES, QUALIFIED PROFESSIONAL
CENTURY ENGINEERING, INC. 443-589-2400
KAREN BOWMAN
7/20/2022
SIGNATURE DATE



OWNER / DEVELOPER
PRINCE GEORGES COUNTY PUBLIC SCHOOLS
13300 OLD MARLBORO PIKE
UPPER MARLBORO, MARYLAND 20772
ATTENTION: MR. RUPERT McCAVE
PHONE 301-952-6593

DATE	DESCRIPTION
3-22-04	ADDENDUM
3-26-04	ADDENDUM
3-28-04	ADDENDUM
4-02-04	ADDENDUM
5-14-04	PROJ. COMMENTS
11-27-07	ADDITION OF ELEMENTARY SCHOOL
10/30/08	ADDITION OF SEDIMENT TRAP #1

SCALE: 1" = 50'

4 of 5
TREE CONSERVATION
PLAN II
C-5

CONSTRUCTION SET
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TREE CONSERVATION PLAN 2
BARACK OBAMA ELEMENTARY SCHOOL
OUTFALL RESTORATION (0-30)

2 Balladea Metro Center
Suite 150
Bethesda, MD 20814
Tel 301.223.0500
Fax 301.223.0510

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Tel 703.893.8100
Fax 703.893.8105

11720 Beltsville Drive
Suite 600
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Tel 301.595.1000
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CENTURY ENGINEERING
A KLEINFELDER COMPANY
10770 GILROY ROAD, HUNT VALLEY, MD 20831
PHONE: 443-589-2400

SPECIMEN TREES (2021):

Tree Number	Species	DBH	Condition	Proposed Action	Notes
ST-1	Tuliptree (<i>Liriodendron tulipifera</i>)	36.0	Poor	Retain (outside of LOD)	Newly identified specimen tree
ST-2	Southern red oak (<i>Quercus falcata</i>)	47.7	Poor	Retain (outside of LOD)	Previously identified significant tree #102
ST-3	Southern red oak (<i>Quercus falcata</i>)	38.8	Poor	Retain (within LOD, TPP proposed)	Vines, rot, large dead wood
ST-4	White oak (<i>Quercus alba</i>)	41.5	Poor	Retain (within LOD, TPP proposed)	Previously identified significant tree #105
ST-5	Tuliptree (<i>Liriodendron tulipifera</i>)	38.4	Poor	To Be Removed	Rot, Prev. ID'd significant tree #107
ST-6	Tuliptree (<i>Liriodendron tulipifera</i>)	41.6	Fair	To Be Removed	Twin leaders, rot observed, Prev. ID'd significant tree #106
ST-7	Southern red oak (<i>Quercus falcata</i>)	46	Fair	Retain (within LOD, TPP proposed)	
ST-8	White oak (<i>Quercus alba</i>)	31.2	Poor	Retain (outside of LOD)	
ST-9	White oak (<i>Quercus alba</i>)	41.6	Fair	Retain (outside of LOD)	
ST-10	Tuliptree (<i>Liriodendron tulipifera</i>)	40.3	Fair	Retain (outside of LOD)	Previously identified significant tree #110
ST-11	Tuliptree (<i>Liriodendron tulipifera</i>)	41.5	Fair	Retain (outside of LOD)	Previously identified significant tree #111
ST-12	Tuliptree (<i>Liriodendron tulipifera</i>)	35.4	Fair	Retain (within LOD, TPP proposed)	
ST-13	Tuliptree (<i>Liriodendron tulipifera</i>)	31.3	Fair	Retain (outside of LOD)	
ST-14	Tuliptree (<i>Liriodendron tulipifera</i>)	31.1	Fair	Retain (outside of LOD)	
ST-15	Tuliptree (<i>Liriodendron tulipifera</i>)	31.3	Fair	Retain (outside of LOD)	
ST-16	Tuliptree (<i>Liriodendron tulipifera</i>)	42.4	Fair	Retain (outside of LOD)	
ST-17	Tuliptree (<i>Liriodendron tulipifera</i>)	37.5	Fair	Retain (outside of LOD)	
ST-18	Tuliptree (<i>Liriodendron tulipifera</i>)	31.9	Good	Retain (outside of LOD)	
ST-19	Tuliptree (<i>Liriodendron tulipifera</i>)	30.1	Fair	Retain (outside of LOD)	
ST-20	Tuliptree (<i>Liriodendron tulipifera</i>)	39.4	Fair	Retain (outside of LOD)	
ST-21	Tuliptree (<i>Liriodendron tulipifera</i>)	30	Fair	Retain (outside of LOD)	
ST-22	Tuliptree (<i>Liriodendron tulipifera</i>)	30.8	Fair	Retain (outside of LOD)	
ST-23	Tuliptree (<i>Liriodendron tulipifera</i>)	30	Fair	Retain (outside of LOD)	
ST-24	Tuliptree (<i>Liriodendron tulipifera</i>)	43.2	Fair	Retain (outside of LOD)	
ST-25	Tuliptree (<i>Liriodendron tulipifera</i>)	32.5	Fair	Retain (outside of LOD)	
ST-26	Tuliptree (<i>Liriodendron tulipifera</i>)	34.5	Fair	Retain (outside of LOD)	
ST-27	Tuliptree (<i>Liriodendron tulipifera</i>)	31.3	Fair	To Be Removed	
ST-28	Tuliptree (<i>Liriodendron tulipifera</i>)	54.8	Poor	To Be Removed	Previously identified significant tree #104
ST-29	Tuliptree (<i>Liriodendron tulipifera</i>)	32.5	Fair	To Be Removed	Previously identified significant tree #109
ST-30	Northern red oak (<i>Quercus rubra</i>)	35.9	Good	Retain (within LOD, TPP proposed)	
ST-31	White oak (<i>Quercus alba</i>)	32.5	Fair	Retain (outside of LOD)	
ST-32	Tuliptree (<i>Liriodendron tulipifera</i>)	45.4	Good	Retain (outside of LOD)	Dead leader, small dead wood, vines
ST-33	White oak (<i>Quercus alba</i>)	44.4	Fair	Retain (outside of LOD)	
ST-34	White oak (<i>Quercus alba</i>)	30	Poor	Retain (outside of LOD)	

Significant trees (from previous survey conducted by Loiderman Soltesz Associates, Inc., 2002) determined to be dead/downed within the restoration project LOD during 2021 survey conducted by Century include:

- 101 White ash (*Fraxinus americana*)
- 103 Northern red oak (*Quercus rubra*)
- 105 White oak (*Quercus alba*)
- 108 White oak (*Quercus alba*)
- 112 Tuliptree (*Liriodendron tulipifera*)
- 113 Tuliptree (*Liriodendron tulipifera*)
- 114 American beech (*Fagus grandifolia*)

Forest Conservation Act Reporting Information (Change Table)

	Original Approval	Revision Number (-01)	Revision Number (-02)	Change Since Last Approval
Net Tract (Acres)	1.06			
Existing Woodland (Acres)	1.32			
Woodland Cleared (Acres)	1.06			
Woodland Retained On-Site (Acres)	0.27			
Woodland Planted On-Site (Acres)	1.09			
On-Site Woodland Easement/ Preservation and Planting (Acres)	0			
On-Site Wooded Floodplain in Easement (Acres)	0			
Bond Amount	0			
Fee-In-Lieu Amount	0			
50' Stream Buffers Conserved (Preservation) - Linear Length	2,323			
50' Stream Buffers Conserved (Preservation) - Acreage	0.27			
50' Stream Buffers Newly Established (Afforestation) - Linear Length	0			
50' Stream Buffers Newly Established (Afforestation) - Acreage	0			
Off-Site Woodland Conservation Credits Required (Acres)	0			
Off-Site Woodland Conservation Credits Provided (Acres)	0			

REFORESTATION MANAGEMENT NOTES

- HERBACEOUS VEGETATION WILL BE CONTROLLED BY THE APPLICATION OF A PRE-EMERGENT HERBICIDE BEFORE TREE PLANTING. CONSISTENT WITH THE LABEL INSTRUCTIONS, NEED FOR SUBSEQUENT VEGETATION CONTROL WILL BE EVALUATED DURING SURVIVAL CHECKS AND APPLIED ON AN AS-NEEDED BASIS. ALL CHEMICALS AND APPLICATION PROCEDURES TO MEET ALL APPLICABLE LAWS.
- SEEDLINGS WILL BE PLANTED IN OPEN AREAS AND AMONG EXISTING TREES. AVOIDING DAMAGE TO LARGE TREE ROOTS. NO SEEDLING SHALL BE PLANTED CLOSER THAN 10-FEET TO ANY EXISTING TREE 7-INCHES OR MORE IN DIAMETER BREAST HEIGHT.
- SEEDLINGS SHALL BE PLANTED USING RANDOM DISTRIBUTION OF SPECIES AND LOCATIONS AT AN AVERAGE OF 1,000 SEEDLINGS PER ACRE (AVERAGE SPACING OF 6-FEET X 7-FEET OR 5-FEET X 8-FEET). SEE PLANTING DETAIL FOR PROPER TECHNIQUE AND PLANT LIST FOR SPECIES AND QUANTITY INFORMATION.
- SEEDLINGS SHALL BE GRADED FOR QUALITY, ESPECIALLY THE ROOT SYSTEM. BEFORE PLANTING AND SHALL COME FROM LOCAL SOURCES. SPECIFICATION TO BE PROVIDED TO THE PLANTING CONTRACTOR BY THE OWNER OR HIS AGENT.
- SEEDLINGS WILL BE STORED AND HANDLED TO PREVENT DRYING OF THE ROOT SYSTEM. FREEZING, OR DAMAGE BY EXCESSIVE HEAT. TREES HELD OVER ONE (1) WEEK BEFORE PLANTING SHALL BE HELED-IN AND WELL WATERED.
- ALL TREE PLANTING SHALL BE ON A "WEATHER PERMITTING" BASIS. MEANING WEATHER CONDITIONS WILL NOT BE IN EXTREME EXCESS OF TREE TOLERANCES FOR SURVIVAL DURING HANDLING AND PLANTING, INCLUDING SITE DRAINAGE AND SOIL CONDITIONS.
- ANY TREE SHOWN BY INSPECTION WITHIN 30 DAYS OF PLANTING TO BE IMPROPERLY PLANTED SHALL BE REPLACED WITH NEW TREES OF THE SAME SIZE, TYPE, AND OTHER SPECIFICATIONS PROPERLY PLANTED. IF 20% OR MORE OF THE SEEDLINGS ARE IMPROPERLY PLANTED, THE ENTIRE STAND MAY BE REQUIRED TO BE REPLACED WITH NEW TREES PROPERLY PLANTED OR THE TOTAL COST OF THE TREES AND THE PLANTING RE-PAID TO THE OWNER, AT THE OWNERS OPTION.
- SURVIVAL OF AT LEAST 75% OF THE SEEDLINGS AT THE END OF THE THIRD GROWING SEASON MUST BE GUARANTEED BY THE TREE PLANTING CONTRACTOR. THE CONTRACTOR WILL NOT BE LIABLE FOR TREE LOSSES DUE TO CONDITIONS BEYOND HIS CONTROL OR TREE LOSSES BEYOND THE THREE (3) YEARS AFTER PLANTING.
- Plants to be watered once per week during periods of low rainfall (less than 1" per week.)

MARYLAND DEPARTMENT OF NATURAL RESOURCES, QUALIFIED PROFESSIONAL
CENTURY ENGINEERING, INC.
KAREN BOWMAN

SIGNATURE: *K. Bowman* DATE: 7/20/2022

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP2-048-02

Approved by	Date
JOHN MARKOVICH	8/18/02
JOHN MARKOVICH	11/24/03
JOHN MARKOVICH	2/9/04
K. FRITZ	1/23/08
J.L. Stasz	11/25/08
Mary Rea	8/15/22

MIN. 11"

FOREST
RETENTION
AREA

MACHINERY, DUMPING
OR STORAGE OF
ANY MATERIALS IS
PROHIBITED

VIOLATORS ARE SUBJECT TO
FINES AS IMPOSED BY THE
MARYLAND FOREST
CONSERVATION ACT OF
1991

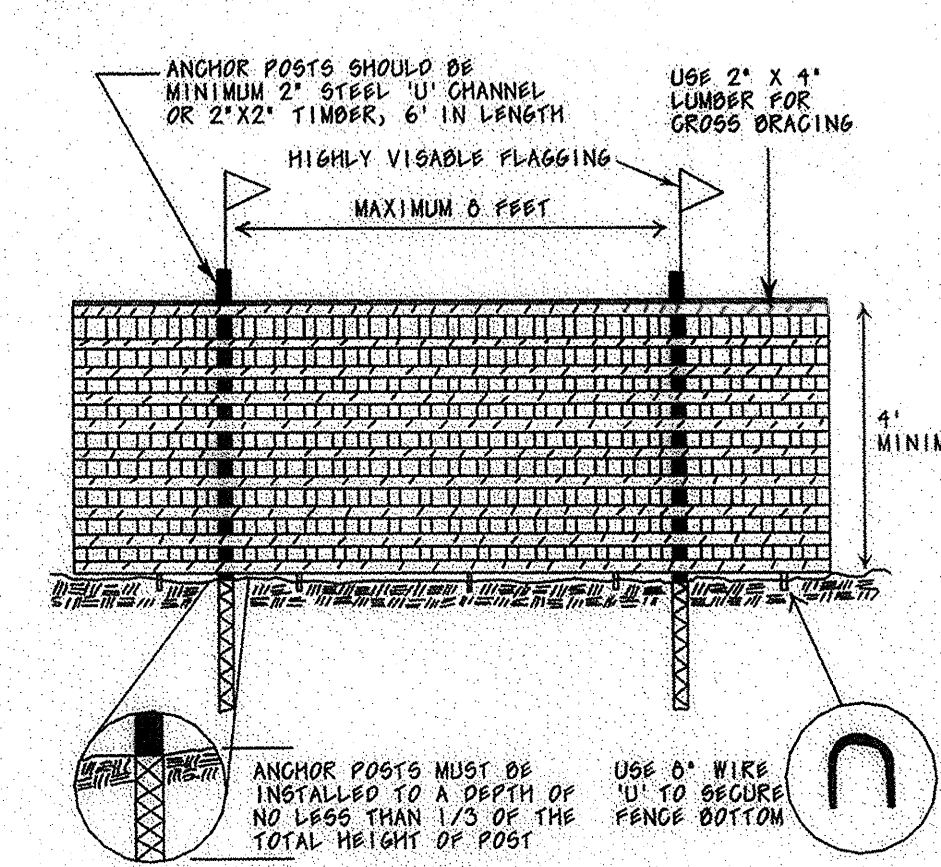
MOUNT SIGN WITH
NAILS OR TACKS
TO A WOODEN POSTS.

BURY SIGN POST 2'
INTO THE GROUND

PRESERVATION
PROTECTION SIGN

SIGNS FOR PLANTED AREAS ARE TO
REMAIN IN PERPETUITY.

Figure J-4 Blaze Orange Plastic Mesh



- Notes:
- Forest protection device only.
 - Retention Area will be set as part of the review process.
 - Boundaries of Retention Area should be staked and flagged prior to installing device.
 - Root damage should be avoided.
 - Protective device may also be used.
 - Device should be maintained throughout construction.

SYMBOL: TSP

Source: Prince George's County, Maryland: Woodland Conservation Manual

EDGE MANAGEMENT NOTES:

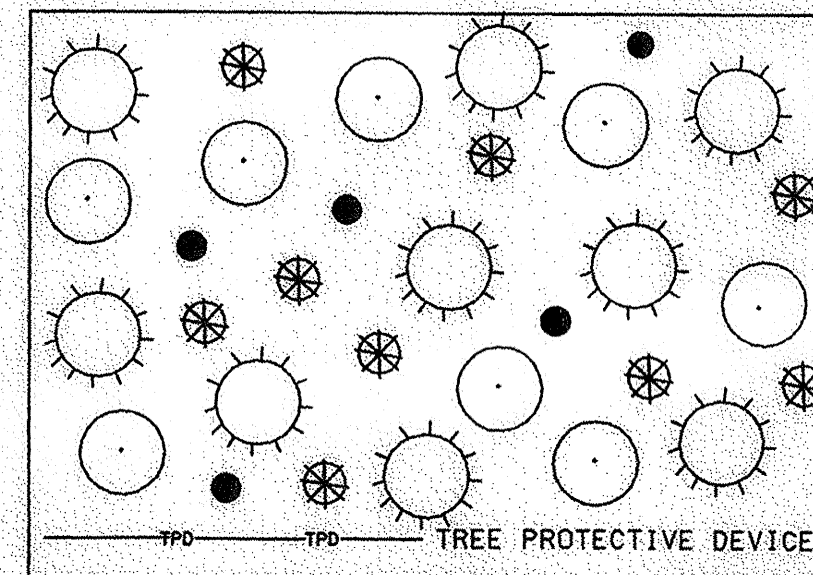
- All non-native, noxious or invasive species may be selectively cleared from tree save areas by cutting at ground level with a saw or clippers and then immediately applying a herbicide to the cut surface in accordance with the method approved for that registered herbicide. Below is a list of species fitting this classification.

Tall Fescue K31 Fescue	Service Lespedeza
Japanese Knotweed	Mile-a-minute Vine
Porcelain Berry	Cinnamon Vine
Wintercreeper Japanese	Honeysuckle Kudzu
Periwinkle	Wisteria
Autumn Olive	Bush Honeysuckles
Privet	European Buckthorn
Common Buckthorn	Japanese Spiraea
Wineberry	Tree of Heaven
Norway Maple	Sweet Cherry
Empress Tree	
- In addition the following native species may be cleared with 75 feet of an edge due to the nuisance nature of the plants when growing in the proximity of residences.

Poison Ivy	Greenbrier	Blackberry
------------	------------	------------
- All dead trees within 75 feet of an edge may be selectively removed by cutting with a saw at ground level. All hazardous trees within 75 feet of an edge may be pruned by a professional arborist or a Licensed Tree Expert in order to correct the potential problem. In the event the problem cannot be corrected by pruning, the tree may be removed. A tree is considered hazardous if there is a target area such as a house, garage, parking area, play area, etc. A 50 foot tall tree that is 75 feet from an edge and 120 feet from a target is not a hazardous tree. A hazardous tree must exhibit characteristics that would lead to the failure of one or more parts of the tree which would then impact the target area.
- If tree removals reduce the stocking levels below 65 square feet of basal area per acre the property owner shall replant trees in the disturbed area in order to return the stock levels to 65 square feet of basal area within five (5) years.
- Any proposed trial alignments shall be field adjusted to facilitate minimal damage to the root zones of the trees to be retained. The alignment of any proposed trails shall be approved by representatives of the M-NCPPC prior to the commencement of construction activities.
- Trees may be pruned in accordance with approved arboricultural standards. Pruning shall not be done in such a manner as to be injurious to the tree. The State of Maryland requires that pruning not be done by the property owner shall be done by a Professional Arborists or a Licensed Tree Expert.
- Tilling the soils in the Forest Conservation Areas in order to seed with grasses is not permitted. However, the property owner may sow with shade tolerant grasses within 30 feet of an edge. The use of Kentucky 31 fescue is not acceptable.

Standard Type II Tree Conservation Plan Notes

- 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 \$150 per square foot mitigation fee.
- The Department of Environmental Resources (DER) must be contacted prior to the start of any work on the site to address implementation of Tree Conservation measures shown on this plan.
- Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Area (Tree Save Areas, Reforestation Areas, Afforestation Areas, or Selective Clearing Areas) located on their lot or parcel of land and the associated fines for unauthorized disturbance to these areas. Upon the sale of the property the owner, developer or owners representative shall notify the purchaser of the property of any Woodland Conservation Areas.
- All appropriate bonds will be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as security by the Building Official until all required activities have been satisfied.



AFFORESTATION / REFORESTATION
TYPICAL DETAIL

LEGEND

- | | |
|-----------|--------------|
| RED MAPLE | SWEET GUM |
| DOGWOOD | TULIP POPLAR |
- TPO — TPO — TREE PROTECTIVE DEVICE

USE 750 seedlings per acre in each reforestation area.
The numbers of plants in the plant list indicate the mix per 1000 plants.

PLANT LIST/RATIO FOR SEEDLINGS

SPECIES	NUMBER/ACRE	TOTAL THIS PLAN
RED MAPLE	330	940
SWEET GUM	230	662
TULIP POPLAR	330	940
DOGWOOD	110	328
TOTAL	1000	2870

USE BARE ROOT WHIPS TO FULFILL PLANTING REQUIREMENTS

SEE ATTACHED
LANDSCAPE PLANS FOR
REFORESTATION
INFORMATION



PROPERTY OWNERS
AWARENESS CERTIFICATE

I, MARC E. PETER, hereby acknowledge that we are aware of the Tree II Tree Conservation Plan (TCP2) and that we understand the requirements as set forth in this plan.

Marc E. Peter
Owner/Developer

6/9/22

OWNER / DEVELOPER

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS
13300 OLD MARLBORO PIKE
UPPER MARLBORO, MARYLAND 20772
ATTENTION: MR. RUPERT MCAVE
PHONE 301-952-6593

DATE	DESCRIPTION
3-22-04	ADDENDUM
3-26-04	ADDENDUM
3-26-04	ADDENDUM
4-02-04	ADDENDUM
5-14-04	ADDENDUM
11-27-07	ADDITION OF SEEDLING TRAP #1
10/30/08	ADDITION OF SEEDLING TRAP #1

SCALE: 1" = 100'

5 of 5
TREE CONSERVATION
PLAN II

C-6

CONSTRUCTION SET
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Century
ENGINEERING
A KLEINFELDER COMPANY
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McLean, VA 22101
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Fax 703 893 9795

2 Bethesda Metro Center
Suite 1500
Bethesda, MD 20814
Tel 202 223 8539
Fax 202 223 0510

GRIMM + PARKER
ARCHITECTS

TREE CONSERVATION DETAIL SHEET
BARACK OBAMA ELEMENTARY SCHOOL
OUTFALL RESTORATION (0-30)

15th ELECTION DISTRICT
12700 BROOK LAKE LANE
UPPER MARLBORO, MARYLAND