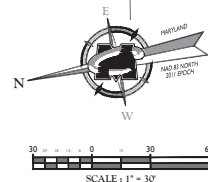


SOIL TABLE					
SOIL SERIES MAP UNIT-WEB SOIL SURVEY MONTGOMERY COUNTY, MARYLAND					
MAP UNIT SYMBOL	MAP UNIT NAME	RATING	HYDROLOGIC GROUP	K FACTOR	DRAINAGE CLASS
2B	GLENELG SILT LOAM	NON HYDRIC	C	0.37	WELL DRAINED




























OWNER'S DEVELOPER'S CERTIFICATION

I/WE HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

Signature _____ Date _____

Printed Name and Title _____

PLAN LEGEND

- | | |
|---|--|
|  | OPEN FIELD |
| 2B | SOIL TYPE (SEE SOIL TABLE THIS SHEET) |
|  | FOREST STAND BOUNDARY |
|  | FOREST CONSERVATION EASEMENT |
|  | WOOD LINE |
|  | SPECIMEN TREE |
|  | SIGNIFICANT TREE |
|  | CHAMPION TREE |
|  | TREE TO BE REMOVED |
|  | TREE PROTECTION |
|  | ROOT PRUNING LIMIT |
|  | WOODLAND PRESERVATION SIGN |
|  | CHAMPION TREE |
|  | SILT FENCE |
|  | INLET PROTECTION |
|  | EXISTING FENCE |
|  | 14" TALL ACORN STYLE LIGHTING |
|  | EXISTING POWER POLE AND GUY WIRES |
|  | PROPERTY LINE |
|  | MAJOR CONTOUR |
|  | MINOR CONTOUR |
|  | OVERHEAD WIRE |
|  | ROADWAY SIGNS |
|  | PROPOSED LOD |
|  | EXISTING FOREST TO REMAIN
(0-37 AC) |
|  | EXISTING FOREST TO REMAIN
(OFF-SITE)
(0-40 AC) |

NOTE:
MITIGATION FOR THE REMOVAL OF SPECIMEN TREES SP-1 AND SP-8
WILL BE DETERMINED AT FINAL FOREST CONSERVATION PLAN.

LANDSCAPE ARCHITECT'S CERTIFICATION

THE UNDERSIGNED LICENSED PROFESSIONAL LANDSCAPE ARCHITECT CERTIFIES THAT THE DRAWINGS HEREON CONFORM TO THE STANDARDS OF THE ZONE. THE DRAWINGS ARE CONSISTENT WITH THE DATA TABLE PROVIDED. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

STATE OF MARYLAND		
JONATHAN JOLLEY		10-25-19
PRINT NAME	SIGNATURE	DATE
3497	09/30/2020	
MD LICENSE NUMBER	EXPIRATION DATE	

[illegible]

JONATHAN JOLLEY
MARYLAND LICENSED
LANDSCAPE ARCHITECT - LICENSE NUMBER: 3497

PRELIMINARY FOREST
CONSERVATION PLAN

FOR
PRIMROSE SCHOOLS

DERWOOD HEIGHTS
SECTION A, LOT 8

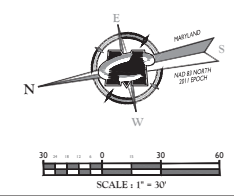
MONTGOMERY COUNTY
MARYLAND



SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	05/03/19	CHE	EP
PROJECT NUMBER:		DRAWING NAME:	
16003398P		C-PICP	

PRELIMINARY FOREST CONSERVATION PLAN

SHEET NUMBER: PFCP-4



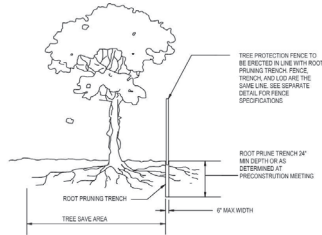
LANDSCAPE ARCHITECT'S CERTIFICATION	
<p>THE UNDERSIGNED LICENSED PROFESSIONAL LANDSCAPE ARCHITECT CERTIFIES THAT THE DRAWINGS HEREON CONFORM TO THE STANDARDS OF THE ZONE. THE DRAWINGS ARE CONSISTENT WITH THE DATA FURNISHED AND I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.</p>	
<p><u>JONATHAN JOLLEY</u></p>	<p>10-25-19</p>
<p>PRINT NAME</p>	<p> SIGNATURE</p>
<p>1497</p>	<p>09/30/2020</p>
<p>MD LICENSE NUMBER</p>	<p>EXPIRATION DATE</p>

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I/WE HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

Date _____

Not to scale



1. Practice may be combined with sediment control fencing.
2. Location and limits of fencing should be coordinated in field with arborist.
3. Boundaries of protection area should be staked prior to installing protective device.
4. Root damage should be avoided.
5. Protection signage is required.
6. Fencing shall be maintained throughout construction.

NOTES:

1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRECONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRECONSTRUCTION MEETING AND FLAGGED PRIOR TO TRENCING.
3. EXACT LOCATION OF TRENCING SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FOREST CONSERVATION FCI INSPECTOR.
4. TRENCING SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FCI INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.
6. ALL PRUNING MUST BE EXECUTED WITH LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FCI INSPECTOR.

ROOT PRUNING DETAIL

NTS

FOREST CONSERVATION WORKSHEET
USE SCHOOLS 7430 NEEDWOOD ROAD ROC

NET TRACT AREA:

A. Total tract area ...	3.20*
B. Land dedication acres (parks, county facility, etc.) ...	0.00
C. Land dedication for roads or utilities (not being constructed by this plan) ...	0.15
D. Area to remain in commercial agricultural production/use ...	0.00
E. Other deductions (specify) ...	0.00
F. Net Tract Area	3.05

LAND USE CATEGORY: (from *Trees Technical Manual*)
Input the number "1" under the appropriate
limit to only one entry.

	ARA	MDR	IDA	HDR	MPD	CIA
	0	1	0	0	0	0
G. Afforestation Threshold ...					20%	x F = 0.61
H. Conservation Threshold ...					25%	x F = 0.76

EXISTING FOREST COVER

I. Existing forest cover	=	0.07
J. Area of forest above afforestation threshold	=	0.00
K. Area of forest above conservation threshold	=	0.00

BREAK EVEN POINT:

L. Forest retention above threshold with no mitigation*	0.00
M. Clearing permitted without mitigation	0.00

PROPOSED FOREST CLEARING:

N. Total area of forest to be cleared	=	0.00
O. Total area of forest to be retained	=	0.07

PLANTING REQUIREMENTS:

P. Reforestation for clearing above conservation threshold ... =	0.00
Q. Reforestation for clearing below conservation threshold ... =	0.00

R. Credit for retention above c.

S. Total reforestation required	0.00
T. Total afforestation required	0.54
U. Credit for landscaping (may not exceed 20% of "S")	0.00
V. Total reforestation and afforestation required	0.54*

* TOTAL TRACT AREA INCLUDES 0.26 ACRES OF OFF-SITE DISTURBANCE.

*** A TOTAL OF 0.61 ACRES OF TYPE I FOREST CONSERVATION EASEMENT IS PROVIDED ON-SITE (0.07 ACRES EXISTING FOREST AND 0.54 ACRES PROPOSED AFFORESTATION.)

The property owner is responsible for ensuring all tree protection measures are performed in accordance with the approved final forest conservation plan or tree save plan, and as modified in the field by a Planning Department Forest Conservation Inspector. The measures must meet or exceed the most recent standards published by the American National Standards Institute (ANSI A300).

1. An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged and before any land disturbance.

2. The property owner must arrange for the meeting and following points should must participate at the pre-construction meeting: the property owner or their representative, construction superintendent, International Society of Arboriculture (ISA) certified arborist/ISA Licensed Tree Expert (representing owner) who will implement the tree protection measures, The Planning Department Forest Conservation Inspector, and Montgomery County Department of Permitting Services (DPS) Standard Control Inspector. The purpose of the meeting is verify the limits of disturbance and discuss specific tree protection and tree care measures shown on the approved plan. No land disturbance shall begin before tree protection and stress-reduction measures have been implemented and approved by the Forest Conservation Inspector.
- a. Typical tree protection devices include:
 - i. Chain link fence (four feet high)
 - ii. Super solid fence with 1/2" x 4" posts at the bottom support posts (minimum 4 feet high) with highly visibility flagging.
 - iii. 14 gauge, 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with highly visibility flagging.
 - b. Typical stress reduction measures may include, but are not limited to:
 - i. Root pruning with a root cutter or vibratory plow designed for that purpose. Trenches for root pruning are not allowed, unless approved by the Forest Conservation Inspector
 - ii. Crown Reduction or pruning
 - iii. Watering
 - iv. Fertilizing
 - v. Vertical mulching
 - vi. Root aeration systems
- Measures not specified on the Forest Conservation Plan may be required as determined by the Forest Conservation Inspector in coordination with the property owner's arborist.
3. A Maryland Licensed Tree expert must perform, or directly supervise, the implementation of all stress reduction measures. Documentation of the process (including photographs) may be requested by the Forest Conservation Inspector, and will be determined at the pre-construction meeting.
4. Temporary tree protection devices must be installed per the approved Forest Conservation Plan, Exemption Plan, or Tree Save Plan and prior to any land disturbance. The Forest Conservation Inspector, in coordination with the DPS Sediment Control Inspector, may make field inspections to increase the survivability of trees and forest shown as saved on the approved plan.

7. Periodic inspections will be made by the Forest Conservation Inspector. Corrections and repairs to tree protection devices must be completed within the timeframe given by the Inspector.

8. The property owner must immediately notify the Forest Conservation Inspector of any damage to trees, forests, understory, ground cover, and any other undisturbed areas shown on the approved plan. Remedial actions, and the relative timeframes to restore these areas, will be determined by the Forest Conservation Inspector.

9. After construction is completed, but before tree protection devices have been removed, the property owner must request a final inspection with the Forest Conservation Inspector. At the final inspection, the Forest Conservation Inspector may require additional corrective measures, which may include:

- Removal, and possible replacement, of dead,
- Pruning of dead or declining limbs
- Soil aeration
- Fertilization
- Watering
- Wound repair

WOODLAND PRESERVATION AREA SIGN

