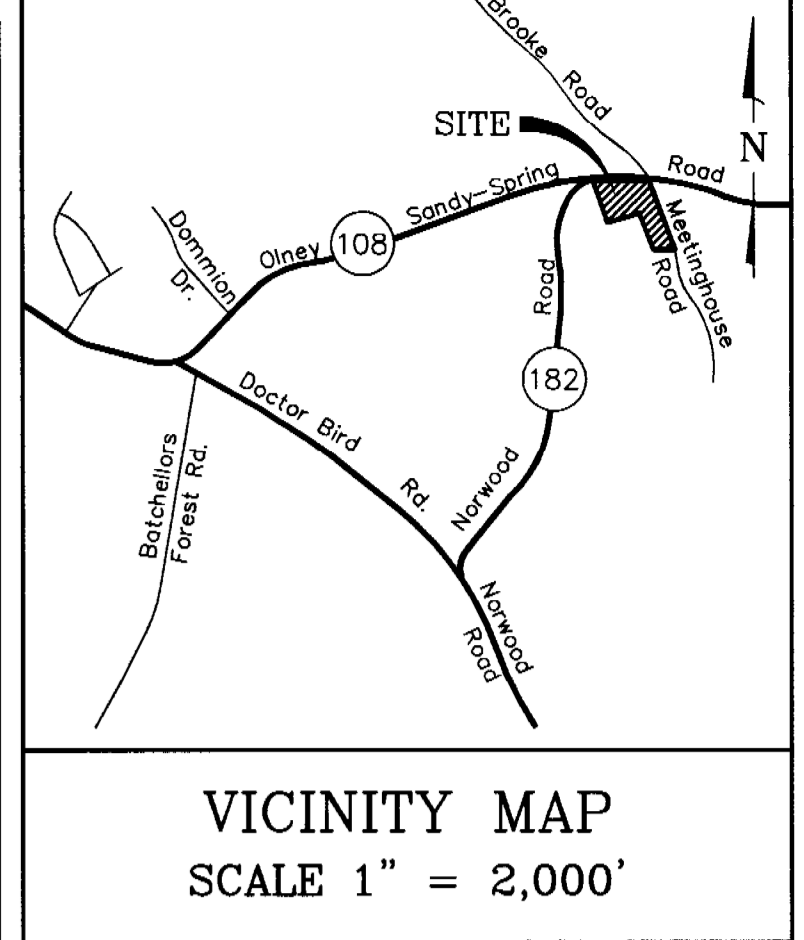


**Legend**

- TREE
- SPECIMEN TREE
- FOREST BOUNDARY
- TREE COVER
- FOREST STAND BOUNDARY
- SOIL BOUNDARY
- SVB - SVB
- STREAM VALLEY BUFFER
- OVERHEAD WIRES
- FOREST SAMPLE POINT



ID #	Common Name	Botanical Name	DBH	CRZ	Conditions/Remarks
1	White Oak	Quercus alba	41	41	Good - vines
2	Black Oak	Quercus velutina	35	35	Good - vines
3	White Oak	Quercus alba	28	42	Good - vines
4	Tulip Poplar	Liriodendron tulipifera	24	36	Good
5	Black Oak	Quercus velutina	34	34	Good
6	Tulip Poplar	Liriodendron tulipifera	25	37.5	Good
7	White Oak	Quercus alba	27	15	60.5 Good - vines
8	White Oak	Quercus alba	24	9	36 Good - vines
9	White Oak	Quercus alba	24	9	36 Good - vines
10	Red Oak	Quercus rubra	39	39	Good
11	Black Oak	Quercus velutina	27	40.5	Good
12	Black Oak	Quercus velutina	25	37.5	Fair - vines
13	Tulip Poplar	Liriodendron tulipifera	25	37.5	Fair - vines
14	Tulip Poplar	Liriodendron tulipifera	40	60	Good - scars
15	Tulip Poplar	Liriodendron tulipifera	28	42	Good - vines
16	Tulip Poplar	Liriodendron tulipifera	25	37.5	Good
17	White Oak	Quercus alba	38	37	Good
18	White Oak	Quercus alba	30	45	Good
19	Black Walnut	Juglans nigra	35	37.5	Good
20	Black Oak	Quercus velutina	41	61.5	Fair/Poor - heavy vines
21	Tulip Poplar	Liriodendron tulipifera	37	55.5	Fair/Poor - heavy vines
22	Tulip Poplar	Liriodendron tulipifera	24	36	Good
23	White Ash	Fraxinus americana	26	39	Good - vines
24	White Oak	Quercus alba	33	29.5	Fair - vines
25	Tulip Poplar	Liriodendron tulipifera	40	60	Fair/Good - heavy vines
26	Sycamore	Platanus occidentalis	36	54	Poor - Decaying Bark loss
27	White Ash	Fraxinus americana	24	36	Good - vines
28	White Ash	Fraxinus americana	38	57	Fair - vines/canopy damage
29	Box Elder	Acer negundo	26	39	Fair - scars/epicormy damage
30	White Ash	Fraxinus americana	31	46.5	Good
31	Madum	Morone sp.	24	36	Fair - Epic. Growth/leaning
32	Red Maple	Acer rubrum	49	73.5	Poor - below leaning/vines/can.
33	White Oak	Quercus alba	34	51	Poor/Fair - stopped hole
34	Tulip Poplar	Liriodendron tulipifera	34	51	Good - vines
35	Tulip Poplar	Liriodendron tulipifera	29	43.5	Good - vines
36	Tulip Poplar	Liriodendron tulipifera	34	51	Fair - vines
37	Red Maple	Acer rubrum	28	42	Fair - vines/leaning
38	Tulip Poplar	Liriodendron tulipifera	28	42	Fair/Good - vines
39	Slippery Elm	Ulmus rubra	28	42	Fair - vines * Possible county champion; property line tree
40	Tulip Poplar	Liriodendron tulipifera	26	39	Fair/Poor - heavy vines
41	Tulip Poplar	Liriodendron tulipifera	24	36	Good
42	Slippery Elm	Ulmus rubra	40.5	60.75	Fair/Poor - heavy vines * Possible county champion; off-site
43	Tulip Poplar	Liriodendron tulipifera	33	49.5	Fair/Poor - heavy vines/leaning
44	Black Locust	Robinia pseudoacacia	30	45	Poor - heavy vines
45	Tulip Poplar	Liriodendron tulipifera	25	37.5	Fair - heavy vines
46	Box Elder	Acer negundo	34	51	Poor/Fair - weak structure/rottop
47	Tulip Poplar	Liriodendron tulipifera	23	34.5	Good
48	Tulip Poplar	Liriodendron tulipifera	32	48	Fair - heavy - vine
49	Figwort Hickory	Coryphæa	63	94.5	Fair - rotten/decayed wood/canopy damage * Possible county champion
50	Black Locust	Robinia pseudoacacia	24	36	Poor - heavy vines
51	White Oak	Quercus alba	24	36	Poor - canopy damage
52	Tulip Poplar	Liriodendron tulipifera	53	79.5	Fair/Poor - canopy damage/rottop/heavy vines
53	Tulip Poplar	Liriodendron tulipifera	40	60	Fair/Good - canopy damage/rottop and asphalt

**NATURAL RESOURCE INVENTORY/FOREST STAND DELINEATION NOTES**

- TOTAL SITE AREA = 4.84 ACRES (210,127 S.F.) AND CONSISTS OF PARCEL 426, 1442 (PARCEL A), & LOT 1. PROPERTY IS LOCATED ON OLNEY-SANDY SPRING ROAD, WEST OF MEETING HOUSE ROAD.
- 2' CONTOUR TOPOGRAPHY FROM MCHS, HENDRICKS, & GLASCOCK P.A.
- BOUNDARY INFORMATION FROM DEEDS OF RECORD.
- SOILS ON-SITE ARE MAPPED AS GLENLEO SILT LOAM (MAPPING UNIT 2B) AND GLENVILLE SILT LOAM DRAPPING UNIT ACCORDING TO SHEET 14 OF THE SOIL SURVEY OF MONTGOMERY COUNTY ISSUED JULY 1995.
- THE SITE DRAINS TO THE NORTHWEST BRANCH TRIBUTARY NUMBER 168. THIS PORTION OF THE NORTHWEST BRANCH WATERSHED IS DESIGNATED AS CLASS IV-P WATERS BY THE STATE OF MARYLAND. THERE IS NO MAPPED MCHPC OR TRM 100-YEAR FLOODPLAIN.
- NO WETLANDS OR FLOODPLAINS EXIST ON SITE. A STREAM VALLEY BUFFER EXTENDS ON-SITE FROM AN INTERMITTENT STREAM THAT STARTS AT THE SOUTHERN PROPERTY LINE AT THE LOCATION OF THE ON-SITE DRAINAGE OUTFALL.
- UTILITIES (I.E. WATER, SEWER, STORM DRAIN, CULVERTS, ELECTRIC, PHONE) ARE SHOWN IN SURVEYED LOCATIONS.
- THERE IS 0.75 ACRES OF FOREST ON SITE.
- PART OF THE PROPERTY IS LISTED AS BEING WITHIN A HISTORIC DISTRICT BY M-NEPC'S "LOCAL HISTORIC ATLAS & INDEX OF HISTORIC SITES IN MONTGOMERY COUNTY, MARYLAND". THE PROPERTY IS HOME TO THE MONTGOMERY METAL FIRE INSURANCE COMPANY BUILDING WHICH IS LISTED AS A HISTORIC STRUCTURE AND IS LOCATED AT THE CORNER OF OLNEY-SANDY SPRING ROAD AND MEETINGHOUSE ROAD. IN ADDITION, THE PROPERTY IS PARTIALLY LOCATED WITHIN THE SANDY SPRING HISTORIC DISTRICT ACCORDING TO M-NEPC'S "PLACES FROM THE PAST: THE TRADITION OF GARIBDI BIEN IN MONTGOMERY COUNTY, MARYLAND" 2001.
- THE MAJORITY OF THE ON-SITE TREES ARE SURVEY LOCATED. A FEW OF THE ON-SITE TREES AND ALL OF THE OFF-SITE TREES ARE BY OCULAR ESTIMATE.
- FIELDWORK FOR THIS INVENTORY WAS CONDUCTED ON 2/19/08.
- NO RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED ON-SITE.
- THIS PLAN EXPIRES 2 YEARS FROM THE DATE OF M-NEPC APPROVAL UNLESS A FOREST CONSERVATION PLAN HAS BEEN APPROVED.
- ONE ON-SITE TREE (#49), ONE PROPERTY LINE TREE (#39) AND ONE OFF-SITE TREE (#42) ARE POTENTIALLY OF A SIZE EQUAL OR GREATER TO THE CURRENT STATE OR COUNTY CHAMPIONS. NO OTHER TREES ARE 75% OF THE STATE OR COUNTY CHAMPION.
- THIS INVENTORY IN NO WAY CONSTITUTES A HAZARD TREE SURVEY. TREE CONDITIONS ARE BASED ON VISUAL OBSERVATION BASED ON VISUAL OBSERVATION PER USUAL AND CUSTOMARY PRACTICE IN ACCORD WITH STATE AND COUNTY FOREST CONSERVATION LEGISLATION. THE EXAMINATION DETAIL REQUIRED TO PROVIDE A COMPREHENSIVE ANALYSIS OF BIODEGRADATION AND STRUCTURAL HEALTH IS BEYOND THE SCOPE OF THIS INVESTIGATION. CONDITION RATINGS ARE THE OPINION OF THE UNLICENSED PREPARER AND NOT THE APPROVING AGENCY. THE AGENCY HAS NO LIABILITY FOR INJURY OR PROPERTY DAMAGE THAT MAY OCCUR AS A RESULT OF TREE FAILING ON THIS PROPERTY.

THE MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION

**APPROVED**

NR/IFSD No. 1700E1608

Date Approved: 7/24/2010

Expiration Date: 7/24/2012

Signature: [Signature]

Date: 8/19/08

**NATURAL RESOURCE INVENTORY/FOREST STAND DELINEATION CERTIFICATION**

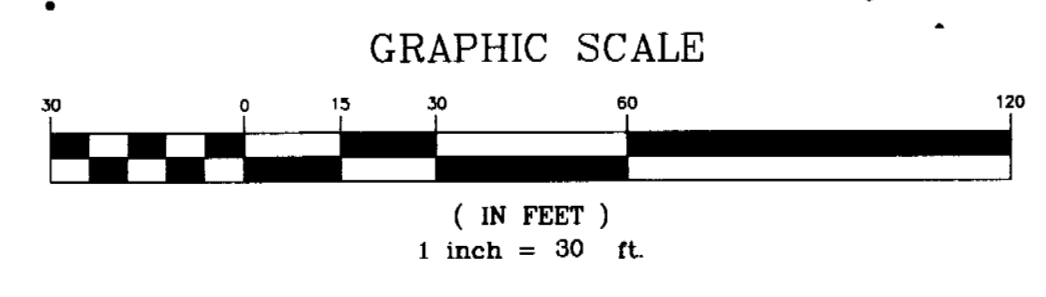
I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS CORRECT AND THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF EXISTING STATE AND COUNTY FOREST CONSERVATION LEGISLATION.

DATE: 7/24/10

Signature: [Signature]

Frank C. Johnson

RECOGNIZED AS QUALIFIED PROFESSIONAL BY MD. DEPT. OF NATURAL RESOURCES



**SOIL KEY**

2B - Glenle silt loam, 8 to 15 percent slopes (Prime Agricultural Soil)

5A - Glenville silt loam, 0 to 3 percent slopes

6A - Baile silt loam, 0 to 3 percent slopes (Off-site)

**FOREST STAND SUMMARY**

STAND NO.	SAMPLE POINT NO.	DESCRIPTION	AVG. CANOPY HEIGHT (FT)	% CANOPY CLOSURE (IF OF CANOPY LAYERS)	ACREAGE	REMARKS	% DOMINANT HOBOY MATERIAL	% HERBACEOUS	INVASIVES (% CANOPY SUBSTRATE INHERBACEOUS)
1	1 & 2	MIXED DECIDUOUS 20' TROPICAL TYP. DOMINANT Tree Species: White Oak, Black Oak, Cucumber Tree, Red Maple and White Ash. Understory: Black Cherry, White Ash, Red Maple, Hickory, Black Locust, Elm.	30	50-60% canopy	0.75	VULNERABLE TO P by E. by Japanese Honeycreeper, Wild Geese, Sharp-shinned Hawk, Pileated Woodpecker, Blue Jay, Starling, House Sparrow, Starling, House Finch, Starling, House Finch, Starling, House Finch.	<5%	50-60%	C-0 S-100% H-100%

**NR/IFSD TABLE**

DESCRIPTION	SIZE
Existing Forest	0.75 Acres
Acres of Wetlands/Acres of Forest in Wetlands	0.00/0.00 Acres
Acres of Stream Valley Buffers/Acres of Forest in Stream Valley Buffers	0.60/0.00 Acres
Acres in Floodplain/Acres of Forest in Floodplain	0.00/0.00 Acres
Stream Valley Buffer Length (linear feet)	130 Feet
Average Width (per side)	125 Feet

PREPARED FOR:  
NORRIS CONTRACTING, INC.  
3622 Brooke Road  
Sandy Spring, Maryland 20886  
Telephone: 301-292-1766

TAX MAP JT342

WSSC 224NW01

**NATURAL RESOURCES INVENTORY/FOREST STAND DELINEATION**  
LOT 1, BLOCK A EARNSHAW, PARCEL A, SANDY SPRING & TP-426

**THOMAS BUILDING**

8TH ELECTION DISTRICT - MONTGOMERY COUNTY - MARYLAND

Proj. Mgr. MDP	Designer FCJ
Date 6-3-08	Scale 1" = 30'
Project No. 86.249.21	Sheet 1 of 1

**MHG** Macris, Hendricks & Glascock, P.A.  
Engineers & Planners  
Landscape Architects & Surveyors

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