Appendix B

Natural Resource Inventory / Forest Stand Delineation Drawings and Approval Letter



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

March 25, 2019

Mr. Andrew Tsai Montgomery County Parks 9500 Brunett Avenue Silver Spring, MD 20901

Re: Capital Crescent Trail Crossing at Little Falls Parkway Forest Conservation Exemption Request and Simplified NRI/FSD Plan No. 42019124E Action Taken: Confirmed and Approved on 3/25/2019

Dear Mr. Andrew Tsai:

On March 21, 2019, the Development Applications and Regulatory Coordination staff of the Montgomery County Planning Department, received a revised Simplified Natural Resource Inventory / Forest Stand Delineation "Simplified NRI/FSD" for the Capital Crescent Trail Crossing at Little Falls Parkway. This Simplified NRI/FSD is part of a Chapter 22A-5(e) forest conservation exemption request for safety improvements within the right-of-way of Little Falls Parkway. This Chapter 22A-5(e) exemption request is subject to Chapter 22A-9 for County Highway Projects.

The review of the exemption request is complete. The Simplified NRI/FSD includes a limit of disturbance. No forest will be impacted by the project. The required forest conservation law inspections to be requested by the Applicant are listed on the attached sequence of events. Notes stating that a Tree Save Plan will be submitted for review and approval at the time of sediment control permit application are included on the Simplified NRI/FSD.

Forest Conservation Exemption Request No. 42019124E for Capital Crescent Trail Crossing at Little Falls Parkway is confirmed. The Simplified NRI/FSD submitted on March 21, 2019 for the project is approved with the condition that a Tree Save Plan will be submitted for review and approval at the time of the sediment control permit application.

If, in the future, changes are planned to the confirmed Exemption Request, another forest conservation review may be required.

Sincerely, hen

Stephen Peck Senior Planner and Inspector Development Applications and Regulatory Coordination M-NCPPC - Montgomery County Planning Department

CC: Megan Maffeo, Floura Teeter

Fax: 301-495-1306

IONTGOMERY PLANNING DEPARTMEN HE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSIO **APPROVED - 42019124E**

ephen Peck (stephen.peck@ 03/25/19

		PROPERTY INFORMATIC	DN			
PARCEL #	TAX ID #	OWNER	ADDRESS	ZONING	TRACT SIZE	
P709 # 00537198		Maryland National Capitol Park & Planning Commission	8787 Georgia Avenue	R-60	16.35 AC	
		Maryiand National Capitol Falk & Flaining Commission	Silver Spring, MD 20910	N-00	10.55 AC	
P530 # 00428482 Maryland National Capitol Pa		Maryland National Capitol Park & Planning Commission	8788 Georgia Avenue	R-60	19.44 AC	
FJJU # 00420402		Maryiand National Capitol Falk & Flaining Commission	Silver Spring, MD 20910	N-00	19.44 AC	
P330	# 00427933	Maryland National Capitol Park & Planning Commission	8789 Georgia Avenue	R-60	32.12 AC	
1330	# 00427355	Maryiand National Capitor Fark & Flamming Commission	Silver Spring, MD 20910	N-00	JZ.TZ AC	
GROSS TRACT AREA					67.91 AC	

FOREST STAND DELINEATION: NARRATIVE

THE STUDY AREA LOCATED IN THE WILLETT BRANCH WATERSHED (USE CLASS: I-P) CONSISTS OF APPROXIMATELY 40 ACRES OF DEVELOPED LAND, REMNANT FOREST, AND STREAM CORRIDOR. THE STUDY AREA, AS DEFINED BY MONTGOMERY COUNTY DEPARTMENT OF PARKS, ENCOMPASSES ONLY A PORTION OF THE SUBJECT PROPERTY ADJACENT TO THE CAPITAL CRESCENT TRAIL. A FEW RESIDENTIAL BUILDINGS AND THE BETHESDA OUTDOOR POOL ARE WITHIN THE STUDY AREA OR WITHIN 100 FEET OF THE BOUNDARY. A TOTAL OF 17.03 ACRES OF FOREST IS PRESENT WITHIN THE STUDY AREA. THERE ARE 238 TREES 24" OR GREATER (SIGNIFICANT TREES) WITHIN OR ADJACENT TO THE STUDY AREA AS SHOWN ON THE PLAN.

STAND A (12.10 AC) - PRIORITY 1

STAND STRUCTURE: THIS STAND CONSISTS OF THREE LAYERS. TULIP POPLAR (LIRIODENDRON TULIPIFERA) IS THE DOMINANT TREE SPECIES WHICH ACCOUNTS FOR 50% OF THE TREES TALLIED AT THE FIVE SAMPLE PLOTS, FOLLOWED BY SWEET CHERRY (PRUNUS AVIUM) TOTALING 17% OF TREES TALLIED. OTHER SPECIES FOUND INCLUDE GREEN ASH (FRAXINUS PENNSYLVANICA), SLIPPERY ELM (ULMUS RUBRA), AMERICAN BEECH (FAGUS GRANDIFOLIA), MOCKERNUT HICKORY (CARYA TOMENTOSA), RED MAPLE (ACER RUBRUM), NORWAY MAPLE (ACER PLATANOIDES), AMERICAN SYCAMORE (PLATANUS OCCIDENTALIS), AND WHITE OAK (QUERCUS ALBA). AMERICAN HOLLY (ILEX OPACA), SPICEBUSH (LINDERA BENZOIN), AND BUSH HONEYSUCKLE (LONICERA MAACKII) ARE THE DOMINANT UNDERSTORY SPECIES WITH FLOWERING DOGWOOD (CORNUS FLORIDA) AND APPLE (MALUS PUMILA) ALSO OBSERVED. ON AVERAGE THERE IS 1 DEAD STANDING TREES PER ACRE. THERE IS APPROXIMATELY 60% EXOTIC INVASIVE SPECIES COVERAGE.

FOREST STRUCTURE: GOOD DIVERSITY OF TREE AND UNDERSTORY SPECIES

ENVIRONMENTAL FEATURES: STREAM BUFFER, SLOPES GREATER THAN 25%, FLOODPLAINS

EVIDENCE OF PAST MANAGEMENT: CONTROL TECHNIQUES FOR ENGLISH IVY CLIMBING THE TRUNKS OF CANOPY TREES OBSERVED DURING SITE VISITS.

RETENTION POTENTIAL: HIGH

REGENERATIVE / TRANSPLANT POTENTIAL: HIGH

ADDITIONAL COMMENTS: THIS STAND IS A PRIORITY 1 RETENTION AREA DUE TO THE PRESENCE OF A STREAM AND BUFFER LOCATED WITHIN IT AND SPECIMEN TREES.

STAND B (3.27 AC) - PRIORITY 1

STAND STRUCTURE: THIS STAND CONSISTS OF THREE LAYERS. WHITE OAK (QUERCUS ALBA) IS THE DOMINANT TREE SPECIES WHICH ACCOUNTS FOR 35% OF THE TREES TALLIED AT THE ONE SAMPLE PLOT, FOLLOWED BY SWEET CHERRY (PRUNUS AVIUM) TOTALING 42% AND MOCKERNUT HICKORY (CARYA TOMENTOSA) TOTALING 15% OF TREES TALLIED. OTHER SPECIES FOUND INCLUDE AMERICAN BEECH (FAGUS GRANDIFOLIA), AND NORWAY MAPLE (ACER PLATANOIDES). AMERICAN HOLLY (ILEX OPACA) AND SPICEBUSH (LINDERA BENZOIN) ARE THE DOMINANT UNDERSTORY SPECIES OBSERVED. ON AVERAGE THERE ARE 2 DEAD STANDING TREES PER ACRE. THERE IS APPROXIMATELY 20% EXOTIC INVASIVE SPECIES.

FOREST STRUCTURE: GOOD DIVERSITY OF TREE AND UNDERSTORY SPECIES

ENVIRONMENTAL FEATURES: STREAM BUFFER, SLOPES GREATER THAN 25%

EVIDENCE OF PAST MANAGEMENT: NONE

RETENTION POTENTIAL: HIGH

REGENERATIVE / TRANSPLANT POTENTIAL: HIGH

ADDITIONAL COMMENTS: THIS STAND IS A PRIORITY 1 RETENTION AREA DUE TO THE PRESENCE OF A STREAM BUFFER LOCATED DOWN SLOPE OF IT AND A HIGH QUANTITY OF SIGNIFICANT AND SPECIMEN TREES.

STAND C (10.17 AC) - PRIORITY 2

STAND STRUCTURE: THIS STAND CONSISTS OF THREE LAYERS. GREEN ASH (FRAXINUS PENNSYLVANICA) IS THE DOMINANT TREE SPECIES WHICH ACCOUNTS FOR 77% OF THE TREES TALLIED AT THE TWO SAMPLE PLOTS. OTHER SPECIES OBSERVED INCLUDE RED MAPLE (ACER RUBRUM), BLACK WALNUT (JUGLANS NIGRA), BLACK LOCUST (ROBINIA PSEUDOACACIA), TULIP POPLAR (LIRIODENDRON TULIPIFERA), AND WHITE OAK (QUERCUS ALBA). SPICEBUSH (LINDERA BENZOIN) AND BUSH HONEYSUCKLE (LONICERA MAACKII) ARE THE DOMINANT UNDERSTORY SPECIES. ON AVERAGE THERE ARE 4 DEAD STANDING TREES PER ACRE. THERE IS APPROXIMATELY 50% EXOTIC INVASIVE SPECIES.

FOREST STRUCTURE: POOR DIVERSITY OF TREE AND UNDERSTORY SPECIES

ENVIRONMENTAL FEATURES: FLOODPLAIN, STREAM AND WETLANDS WITH ASSOCIATED BUFFERS AND SLOPES GREATER THAN 25% EVIDENCE OF PAST MANAGEMENT: CONTROL TECHNIQUES FOR ENGLISH IVY CLIMBING THE TRUNKS OF CANOPY TREES OBSERVED DURING SITE VISITS.

RETENTION POTENTIAL: HIGH

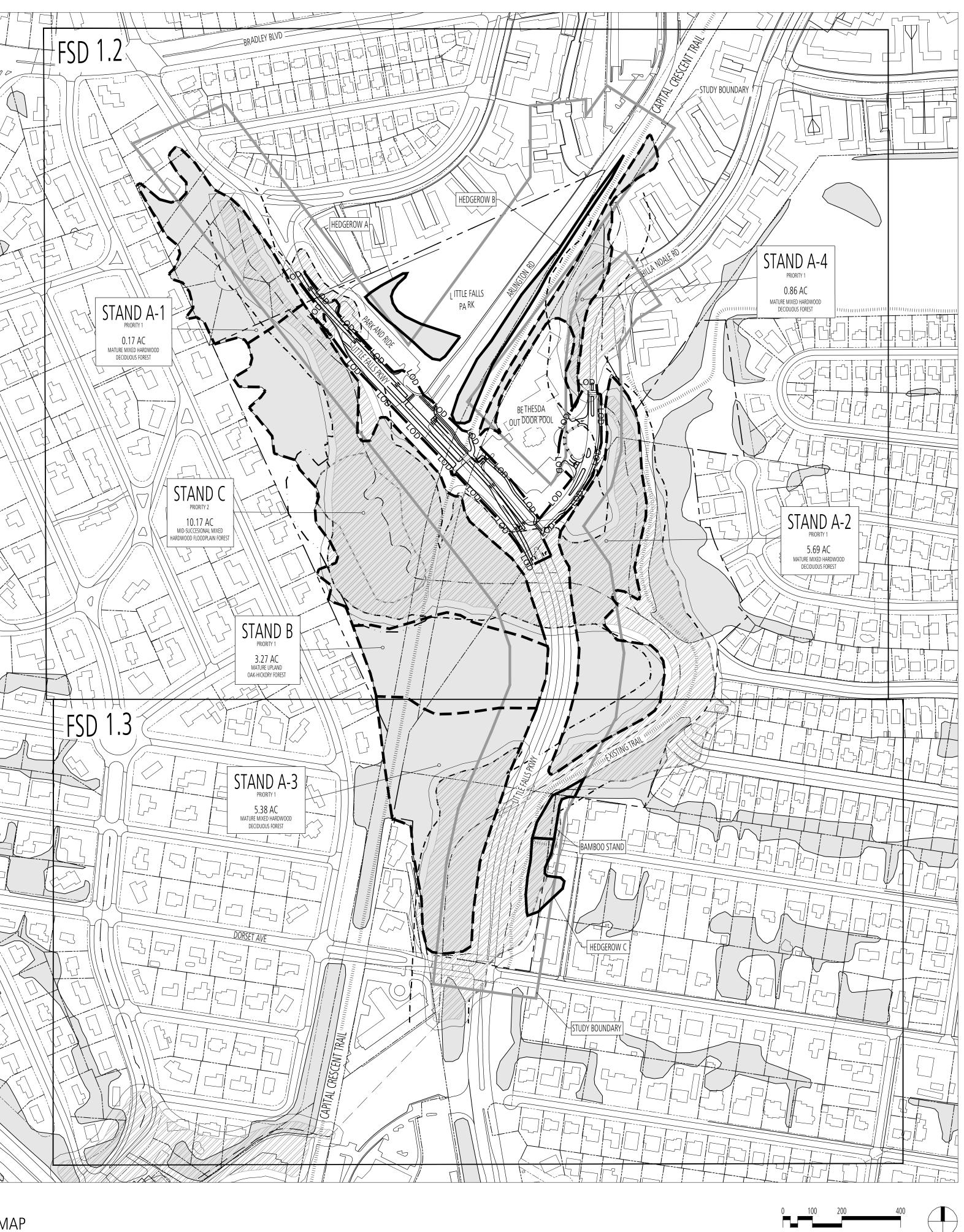
REGENERATIVE / TRANSPLANT POTENTIAL: HIGH

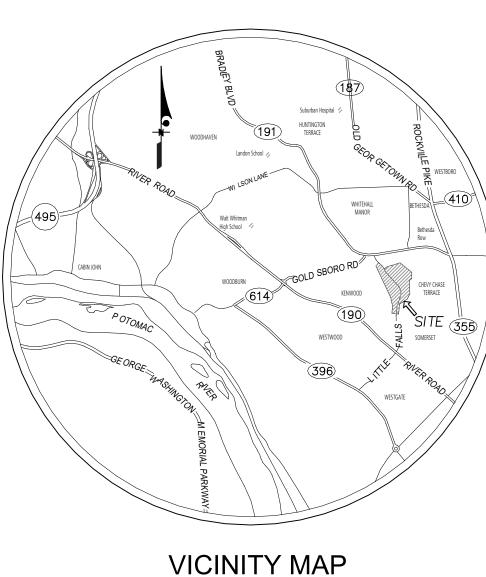
ADDITIONAL COMMENTS: THIS STAND IS A PRIORITY 2 RETENTION AREA DUE TO THE PRESENCE OF A STREAM, WETLANDS AND BUFFERS LOCATED WITHIN IT, BUT LARGELY DOMINATED BY INVASIVE VINES AND POOR FOREST DIVERSITY AND STRUCTURE.

APPENDIX B: NATURAL RESOURCE INVENTORY / FOREST STAND DELINEATION

NATURAL RESOURCES INVENTORY / FOREST STAND DELINEATION							
AREA IN FOREST AREA IN STREAM BUFFER AREA IN WETLANDS FLOODPLAIN STREAM BUFFER IN WETLANDS FLOODPLAIN							
25.54 AC.	26.81 AC	2.41 AC	21.24 AC	14.80 AC	2.34 AC	11.80 AC	

	SOILS CHART									
SYMBOL	NAME	SLOPE	K-Factor	HYDRIC	SEEDLING MORTALITY	HIGHLY ERODIBLE	COMMENTS HIGHLY ERODIBL		PRIME AGRICULTURAL	SERPENTINE
1C	Gaila Silt Loam	8-15%	0.43	Yes	Moderate	No	very deep and well drained & smooth slopes	No	Yes	No
2UB	Glenelg-Urban Land Complex	0-8%	0.43	No	Slight	No	very deep and well drained intermingled with urban land	No	No	No
2UC	Glenelg-Urban Land Complex	8-15%	0.43	No	Slight	No	very deep and well drained intermingled with urban land	No	No	No
16D	Brinklow-Blocktown Channery Silt Loam	15-25%	0.24	Yes	Moderate	Yes	well drained & moderately steep soils	Yes	No	No
65B	Wheaton Silt Loam	0-8%	0.43	No	Slight	No	very deep and well drained in areas of developed recreational uses	No	Yes	No





SCALE: 1"= 2000'

NOTES

- THE SUBJECT PROPERTY IS LOCATED IN MONTGOMERY COUNTY AT THE CROSSROADS OF LITTLE FALLS PARKWAY AND HILLENDALE ROAD, LATITUDE 38°58'21.8"N, LONGITUDE 77°06'01.7"W.
- THE SUBJECT PROPERTY IS LOCATED WITHIN THE WILLET BRANCH WATERSHED, 12-DIGIT #: 021402020844 (USE CLASS I-P). DATA RETRIEVED FROM MONTGOMERY COUNTY GIS DATABASE, CREDIT: MDE, MD iMAP.
- ALL PARCELS OWNED BY MARYLAND NATIONAL CAPITOL PARK & PLANNING COMMISSION. THE STUDY AREA FOR SITE IMPROVEMENTS INCLUDES ONLY PORTIONS OF THE SUBJECT PROPERTY.
- TWO WATER BODIES FLOW THROUGH THE SUBJECT PROPERTY: THE WILLET BRANCH AND AN UNNAMED TRIBUTARY TO THE WILLET BRANCH (USE CLASS I-P). DATA RETRIEVED FROM MONTGOMERY COUNTY GIS DATABASE, CREDIT: MDE, MD iMAP.
- THE SUBJECT PROPERTY IS NOT LOCATED WITHIN A SPA OR PMA.
- THERE ARE NO KNOWN EPHEMERAL STREAMS WITHIN 50 FEET OF THE SUBJECT PROPERTY. THE WILLET BRANCH AND ITS UNNAMED TRIBUTARY ARE CULVERTED IN FIVE LOCATIONS AS THEY RUN THROUGH THE SUBJECT PROPERTY.
- A PRELIMINARY 100 YEAR FLOODPLAIN, INCLUDING NON-TIDAL WETLAND AREA, IS SITED WITHIN THE SUBJECT PROPERTY, OR WITHIN 100 FEET THEREOF. THE SUBJECT PROPERTY IS LOCATED ON FEMA FIRM MAP 24031C0455D. DATA RETRIEVED FROM MONTGOMERY COUNTY GIS DATABASE, CREDIT: MDE, MD iMAP.
- NO RARE, THREATENED, OR ENDANGERED SPECIES WERE OBSERVED WITHIN THE STUDY AREA AS PER FLOURA TEETER STAFF SITE VISIT AND USWFS IPaC REVIEW SYSTEM.
- SLOPES OF 25% OR STEEPER ARE PRESENT THROUGHOUT THE STUDY AREA. THERE ARE SLOPES BETWEEN 15-25% ON ERODIBLE SOILS PRESENT IN THE STUDY AREA.
- 10. THERE ARE NO HISTORICAL OR CULTURAL FEATURES WITHIN THE STUDY AREA AS PER FLOURA TEETER STAFF SITE VISIT OR PER DATA FROM THE MONTGOMERY COUNTY DIGITAL ATLAS OF HISTORIC RESOURCES.
- 11. INVASIVE PLANTS LOCATED IN THE STUDY AREA INCLUDE: BUSH HONEYSUCKLE, JAPANESE HONEYSUCKLE, ORIENTAL BITTERSWEET, ENGLISH IVY, AND COMMON BARBERRY.
- FIELDWORK WAS CONDUCTED BY FLOURA TEETER STAFF BETWEEN DECEMBER 2017 AND JANUARY 2018 WITH OVERSIGHT FROM MEGAN MAFFEO, PLA (LICENSE #: 3385). TREE D.B.H. WAS MEASURED USING FORESTRY DIAMETER TAPE.
- 13. FLOURA TEETER STAFF RECORDED A CARPINUS CAROLINIANA DURING FIELDWORK THAT WILL BE SUBMITTED TO THE MARYLAND BIG TREE PROGRAM STAFF FOR THEIR CONSIDERATION AS A STATE CHAMPION SPECIMEN. NO OTHER TREES WITHIN 75% SIZE OF ANY CURRENT STATE OR MONTGOMERY COUNTY CHAMPIONS WERE OBSERVED.

FOREST CONSERVATION EXEMPTION REQUEST

THE FOLLOWING EXEMPTION IS BEING REQUESTED:

CHAPTER 22A OF THE MONTGOMERY COUNTY FOREST CONSERVATION LAW 2014, SEC. 22A-5 EXEMPTIONS, PARAGRAPH E STATES, "A STATE OR COUNTY HIGHWAY CONSTRUCTION ACTIVITY THAT IS SUBJECT TO SECTION 5-103 OF THE NATURAL RESOURCES ARTICLE OF THE MARYLAND CODE, OR SECTION 22A-9."

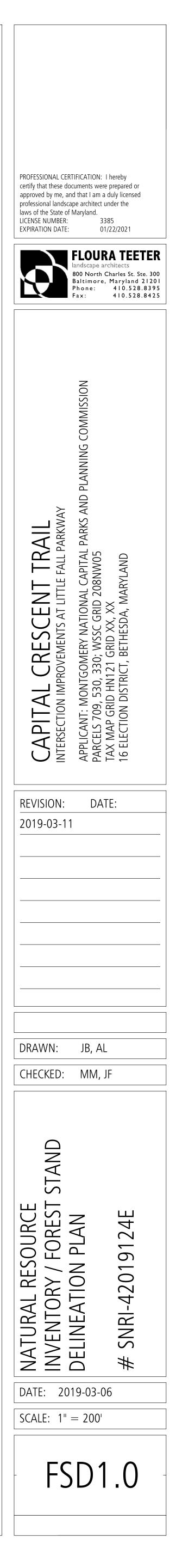
THIS PROJECT IS A COUNTY HIGHWAY PROJECT WITH CAPITAL IMPROVEMENT PLAN FUNDING AND MINIMAL FOREST CLEARING. NO CHAMPION, SPECIMEN, OR SIGNIFICANT TREES WILL BE IMPACTED BY IMPLEMENTATION OF THIS PLAN. THE IMPACTS ARE DUE TO CHANGES TO ROADWAY/INTERSECTIONS AND TRAIL CROSSING IMPROVEMENTS TO MAXIMIZE SAFETY AND ENSURE ADEQUATE SIGHT DISTANCE. A TOTAL OF NINE INDIVIDUAL TREES LOCATED OUTSIDE OF FORESTED AREAS WILL NEED TO BE REMOVED AND/OR RELOCATED WITHIN THE PROJECT LOD. THE CALCULATED CANOPY AREA OF IMPACTED TREES TOTALS 3.620 SF AS SHOWN IN THE CHART BELOW.

OF THE NINE TREES, NONE ARE LARGER THAN 16" DBH. ONE TREE (T-338) SHOWS SEVERE HEALTH ISSUES AND IS RECOMMENDED FOR REMOVAL REGARDLESS OF PROJECT IMPACT. EIGHT TREES (T-314, T-315, T-317, T-334, T-335, T-336, T-339, T-340) ALL RELATIVELY IMMATURE, ARE RECOMMENDED FOR RELOCATION ON SITE WITH LITTLE TO NO HEALTH IMPACT ANTICIPATED.

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TAG NO.	COMMON NAME	BOTANICAL NAME	DBH	CONDITION	CANOPY AREA* (SF)	COMMENTS
T-314	American Elm	Ulmus americana	16	Good	1,810	Located in maintained lawn area
T-315	Cherry	Prunus spp.	3	Good	64	Located in maintained lawn area
T-317	Cherry	Prunus spp.	4	Good	113	Located in maintained lawn area
T-334	American Sycamore	Platanus occidentalis	10	Good	707	Located in maintained lawn area
T-335	American Sycamore	Platanus occidentalis	7	Good	346	Located in maintained lawn area
T-336	American Sycamore	Platanus occidentalis	5	Good	177	Located in maintained lawn area
T-338	American Sycamore	Platanus occidentalis	4	Poor	113	Located in maintained lawn area
T-339	American Sycamore	Platanus occidentalis	5	Good	177	Located in maintained lawn area
T-340	American Sycamore	Platanus occidentalis	4	Good	113	Located in maintained lawn area
TOTAL AREA	OF TREE REMOVAL				3,620	

*Canopy Area caluclated at a radius of 1.5' x DBH.



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MONTGOMERY PLANNING DEPARTMENT THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION	
APPROVED - 42019124E	
Stephen Peck (stephen.peck@montgo 03/25/19	merypl

	SIGNIFI	CANT AND SPECIME	N TREES	S (STUDY AR	EA ONLY)	TAG NO.	COMMON NAME	BOTANICAL NAME	DBH	CONDITION	
AG NO.	COMMON NAME	BOTANICAL NAME	DBH	CONDITION	COMMENTS	T-110	Tulip Poplar	Liriodendron tulipifera	28	Good	L
						T-111	Tulip Poplar	Liriodendron tulipifera	27	Good	L
T-1	Silver Maple	Acer saccharinum	25	Good	Located in maintained lawn area	T-112	Tulip Poplar	Liriodendron tulipifera	26	Good	L
T-12	Black Walnut	Juglans nigra	25 20 F	Good	Located in maintained lawn area	T-113	Tulip Poplar	Liriodendron tulipifera	26	Good	L
T-13 T-21	Slippery Elm American Sycamore	Ulmus rubra Platanus occidentalis	30.5 39	Good Excellent	Located in maintained lawn area Located in maintained lawn area	T-114	Tulip Poplar	Liriodendron tulipifera	25	Good	L
T-21 T-22	American Sycamore	Platanus occidentalis Platanus occidentalis	28.5	Excellent	Located in maintained lawn area	T-115	Red Maple	Acer rubrum	25	Good	L
T-22 T-23	Dawn Redwood	Metasequoia glyptostroboides	26.5	Excellent	Located in maintained lawn area	T-116	Red Maple	Acer rubrum	27	Good	L
T-23 T-32	Slippery Elm	Ulmus rubra	33	Excellent	Located in maintained lawn area	T-117	Red Maple	Acer rubrum	29	Good	L
T-32 T-33	White Pine	Pinus strobus	35	Excellent	Located in maintained lawn area	T-118	American Sycamore	Platanus occidentalis	45	Good	L
T-37	Tulip Poplar	Liriodendron tulipifera	27	Good	Located within forested area	T-119	Red Maple	Acer rubrum	25	Good	1
T-38	Virginia Pine	Pinus virginiana	26	Good	Located within forested area	T-120	Slippery Elm	Ulmus rubra	36	Good	
1-50	Virginia i inc	Tinas Virginana	20	0000		T-121	Red Maple	Acer rubrum	34	Good	
T-39	Tulip Poplar	Liriodendron tulipifera	28	Good	Located within forested area	T-122	Tulip Poplar	Liriodendron tulipifera	39	Good	L
T-40	Tulip Poplar	Liriodendron tulipifera	24	Good	Located within forested area	T-123	Tulip Poplar	Liriodendron tulipifera	27	Good	L
T-41	Red Oak	Quercus rubra	34	Good	Located within forested area	T-124	Tulip Poplar	Liriodendron tulipifera	32	Good	L
T-42	Eastern Cottonwood	Populus deltoides	35	Good	Located within forested area	T-125	Mockernut Hickory	, Carya tomentosa	28	Good	L
T-43	Red Oak	Quercus rubra	24	Good	Located within forested area	T-126	Tulip Poplar	Liriodendron tulipifera	29	Good	L
T-44	Red Oak	Quercus rubra	72	Good	Located within forested area	T-127	Red Maple	Acer rubrum	41	Good	L
T-45	Red Oak	Quercus rubra	24	Good	Located within forested area	T-128	Tulip Poplar	Liriodendron tulipifera	28	Good	L
T-46	Tulip Poplar	Liriodendron tulipifera	27	Good	Located within forested area			,			
T-47	Red Oak	Quercus rubra	26	Good	Located within forested area	T-129	Slippery Elm	Ulmus rubra	27	Good	L
T-48	Tulip Poplar	Liriodendron tulipifera	40	Good	Located within forested area	T-130	Tulip Poplar	Liriodendron tulipifera	33	Good	L
T-49	Tulin Donlar	Liriodendron tulipifera	51	Good	Located within forested area	T-131	Tulip Poplar	Liriodendron tulipifera	24	Good	L
T-49 T-50	Tulip Poplar Red Oak	Quercus rubra	24	Good	Located within forested area	T-132	Tulip Poplar	Liriodendron tulipifera	45	Good	L
T-50 T-51	Tulip Poplar	Liriodendron tulipifera	24	Good	Located within forested area	T-133	Tulip Poplar	Liriodendron tulipifera	44	Good	L
T-52	Tulip Poplar	Liriodendron tulipifera	33	Good	Located within forested area	T-134	Tulip Poplar	Liriodendron tulipifera	26	Good	L
T-52 T-53	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area	T-135	Tulip Poplar	Liriodendron tulipifera	26	Good	L
T-54	Tulip Poplar	Liriodendron tulipifera	20	Good	Located within forested area	T-136	Tulip Poplar	Liriodendron tulipifera	39	Good	L
T-55	Tulip Poplar	Liriodendron tulipifera	25	Good	Located within forested area	T-137	Tulip Poplar	Liriodendron tulipifera	39	Good	L
T-56	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area	T-138	Tulip Poplar	Liriodendron tulipifera	38	Good	L
T-57	Tulip Poplar	Liriodendron tulipifera	25	Good	Located within forested area	T-139	Tulip Poplar	Liriodendron tulipifera	29	Good	l.
T-58	Tulip Poplar	Liriodendron tulipifera	27	Good	Located within forested area	T-140	Tulip Poplar	Liriodendron tulipifera	24	Good	
1 50	ruip ropidi		27	0000		T-141	Tulip Poplar	Liriodendron tulipifera	35	Good	
T-59	Tulip Poplar	Liriodendron tulipifera	33	Good	Located within forested area	T-142	Tulip Poplar	Liriodendron tulipifera	30	Good	L
T-60	Tulip Poplar	Liriodendron tulipifera	25	Good	Located within forested area	T-143	Mockernut Hickory	Carya tomentosa	25	Good	l
T-61	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area	T-144	Red Oak	Quercus rubra	37	Good	- L
T-62	Tulip Poplar	Liriodendron tulipifera	33	Good	Located within forested area	T-145	Mockernut Hickory	Carya tomentosa	24	Good	L
T-63	Tulip Poplar	Liriodendron tulipifera	33	Good	Located within forested area	T-146	Tulip Poplar	Liriodendron tulipifera	39	Good	L
T-64	Tulip Poplar	Liriodendron tulipifera	45	Good	Located within forested area	T-147	White Pine	Pinus strobus	24	Good	L
T-65	Tulip Poplar	Liriodendron tulipifera	46	Good	Located within forested area	T-148	Tulip Poplar	Liriodendron tulipifera	35	Good	L
T-66	Tulip Poplar	Liriodendron tulipifera	43	Good	Located within forested area						
T-67	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area	T-149	Black Oak	Quercus velutina	41	Good	L
T-68	Red Oak	Quercus rubra	26	Good	Located within forested area	T-150	White Oak	Quercus alba	24	Good	L
T-69	Tulip Poplar	Liriodendron tulipifera	38	Good	Located within forested area	T-151	White Oak	Quercus alba	31	Good	L
T-70	Pin Oak	Quercus palustris	45	Good	Located within forested area	T-152	White Oak	Quercus alba	24	Good	L
T-71	Tulip Poplar	Liriodendron tulipifera	31	Good	Located within forested area	T-153	White Oak	Quercus alba	27	Good	L
T-72	Tulip Poplar	Liriodendron tulipifera	30	Good	Located within forested area	T-154	White Oak	Quercus alba	25	Good	L
T-73	Tulip Poplar	Liriodendron tulipifera	28.5	Good	Located within forested area	T-155	White Oak	<i>Quercus alba</i>	28	Good	L
T-74	Tulip Poplar	Liriodendron tulipifera	32	Good	Located within forested area	T-156	Red Oak	Quercus rubra	39	Good	L
T-75	Tulip Poplar	Liriodendron tulipifera	54	Good	Located within forested area	T-157	White Oak	Quercus alba	28	Good	L
T-76	White Oak	Quercus alba	26	Good	Located within forested area	T-158	White Oak	Quercus alba	34	Good	L
T-77	Tulip Poplar	Liriodendron tulipifera	40	Good	Located within forested area	T-159	Mockernut Hickory	Carya tomentosa	25	Good	L
T-78	Tulip Poplar	Liriodendron tulipifera	39	Good	Located within forested area	T-160	White Pine	Pinus strobus	25	Good	L
		,				T-161	American Beech	Fagus grandifolia	34	Good	L
T-79	Tulip Poplar	Liriodendron tulipifera	35	Good	Located within forested area	T-162	Tulip Poplar	Liriodendron tulipifera	40	Good	L
T-80	Tulip Poplar	Liriodendron tulipifera	38	Good	Located within forested area	T-163	Tulip Poplar	Liriodendron tulipifera	35	Good	L
T-81	Tulip Poplar	Liriodendron tulipifera	43	Good	Located within forested area	T-164	Tulip Poplar	Liriodendron tulipifera	33	Good	L
T-82	Tulip Poplar	Liriodendron tulipifera	38	Good	Located within forested area	T-165	Tulip Poplar	Liriodendron tulipifera	28	Good	L
T-83	Tulip Poplar	Liriodendron tulipifera	31	Good	Located within forested area	T-166	White Oak	Quercus alba	31	Good	L
T-84	Tulip Poplar	Liriodendron tulipifera	39	Good	Located within forested area	T-167	Tulip Poplar	Liriodendron tulipifera	25	Good	L
T-85	Tulip Poplar	Liriodendron tulipifera	37	Good	Located within forested area	T-168	Tulip Poplar	Liriodendron tulipifera	36	Good	L
T-86	Tulip Poplar	Liriodendron tulipifera	32	Good	Located within forested area	T 460			20		
T-87	Tulip Poplar	Liriodendron tulipifera	34	Good	Located within forested area	T-169	Tulip Poplar	Liriodendron tulipifera	29	Good	L
T-88	Tulip Poplar	Liriodendron tulipifera	35	Good	Located within forested area	T-170	American Sycamore	Platanus occidentalis	25	Good	L
T-89	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area	T-171	Tulip Poplar	Liriodendron tulipifera	25	Good	L
T-90	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area	T-172	Tulip Poplar	Liriodendron tulipifera	29	Good	L
T-91	Tulip Poplar	Liriodendron tulipifera	42	Good	Located within forested area	T-173	Tulip Poplar	Liriodendron tulipifera	36	Good	L
T-92	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area	T-174	Tulip Poplar	Liriodendron tulipifera	30	Good	L
T-93	Tulip Poplar	Liriodendron tulipifera	31	Good	Located within forested area	T-175	Tulip Poplar	Liriodendron tulipifera	26	Good	L
T-94	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area	T-176	Tulip Poplar	Liriodendron tulipifera	30	Good	Located a
T-95	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area	T-177	American Hornbeam	Carpinus caroliniana	32	Good	Located a
T-96	Tulip Poplar	Liriodendron tulipifera	27	Good	Located within forested area	T-178	Tulip Poplar	Liriodendron tulipifera	29	Good	I
T-97	Tulip Poplar	Liriodendron tulipifera	27	Good	Located within forested area	1-1/0	ι αιιμ ε υμίαι		23	0000	L
						T-179	American Sycamore	Platanus occidentalis	44	Good	L
T-98	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area	T-180	Tulip Poplar	Liriodendron tulipifera	35	Good	L
T-99	Tulip Poplar	Liriodendron tulipifera	24	Good	Located within forested area	T-181	White Pine	Pinus strobus	29	Good	L
T-100	Tulip Poplar	Liriodendron tulipifera	31	Good	Located within forested area	T-182	White Pine	Pinus strobus	25	Good	L
T-101	Red Oak	Quercus rubra	24	Good	Located within forested area	T-183	White Pine	Pinus strobus	26	Good	L
T-102	Tulip Poplar	Liriodendron tulipifera	34	Good	Located within forested area	T-184	Tulip Poplar	Liriodendron tulipifera	35	Good	L
T-103	Tulip Poplar	Liriodendron tulipifera	27	Good	Located within forested area	T-185	White Pine	Pinus strobus	25	Good	L
	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area	T-186	American Sycamore	Platanus occidentalis	35	Good	L
T-104	Tulip Poplar	Liriodendron tulipifera	28	Good	Located within forested area	T-187	American Sycamore	Platanus occidentalis	40	Good	L
T-105				(-ood	Located within forested area			<i>,</i>			
T-105 T-106	Tulip Poplar	Liriodendron tulipifera	31 20	Good		T-188	White Pine	Pinus strobus	28	Good	L
T-105 T-106 T-107	Tulip Poplar Green Ash	Fraxinus pennsylvanica	26	Fair	Located adjacent to trail; edge of forest	T-188 T-189	White Pine Pin Oak	Pinus strobus Quercus palustris	28 30	Good Good	L
T-105 T-106	Tulip Poplar	•									L

Sequence of Events for Properties Required to Comply With Forest Conservation Plans, Exemptions from Submitting Forest Conservation Plans, and Tree Save Plans

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).

Pre-Construction

- 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 people should must participate at the pre-construction meeting: the property owner or their representative, construction superintendent, International Society of Arboriculture (ISA) certified arborist/Maryland Licensed Tree Expert (representing owner) that will implement the tree protection measures, The Planning Department Forest Conservation Inspector, and Montgomery County Department of Permitting Services (DPS) Sediment Control Inspector. The purpose of this 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 Planning Department's Forest Conservation Inspector. a. Typical tree protection devices include:
 - i. Chain link fence (four feet high) ii. Super silt fence with wire strung between the support poles (minimum 4 feet high) with high visibility flagging.
 - iii. 14 gauge, 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with high 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. Trenchers 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

determined at the pre-construction meeting.

- 4. Temporary tree protection devices must be installed per the approved Forest The Forest Conservation Inspector, in coordination with the DPS Sediment Control shown as saved on the approved plan.
- 5. Tree protection fencing must be installed and maintained by the property owner for the areas is prohibited. This includes the following activities:
- a. Parking or driving of equipment, machinery or vehicles of any type.
- trash, garbage, or debris of any kind.
- d. Felling of trees into a protected area.
- Inspector. The signs must be waterproof and wording provided in both English and Spanish.

During Construction

- 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 these areas, will be determined by the Forest Conservation Inspector.

Post-Construction

- 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:
- b. Pruning of dead or declining limbs
- c. Soil aeration d. Fertilization
- e. Watering
- f. Wound repair

APPENDIX B: NATURAL RESOURCE INVENTORY / FOREST STAND DELINEATION

photographs) may be required by the Forest Conservation Inspector, and will be

Conservation Plan, Exemption Plan, or Tree Save Plan and prior to any land disturbance. Inspector, may make field adjustments to increase the survivability of trees and forest

duration of construction project and must not be altered without prior approval from the Forest Conservation Inspector. All construction activity within protected tree and forest

b. Storage of any construction materials, equipment, stockpiling, fill, debris, etc. c. Dumping of any chemicals (i.e., paint thinner), mortar or concrete remainder,

e. Trenching or grading for utilities, irrigation, drainage, etc.

6. Forest and tree protection signs must be installed as required by the Forest Conservation

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

shown on the approved plan. Remedial actions, and the relative timeframes to restore

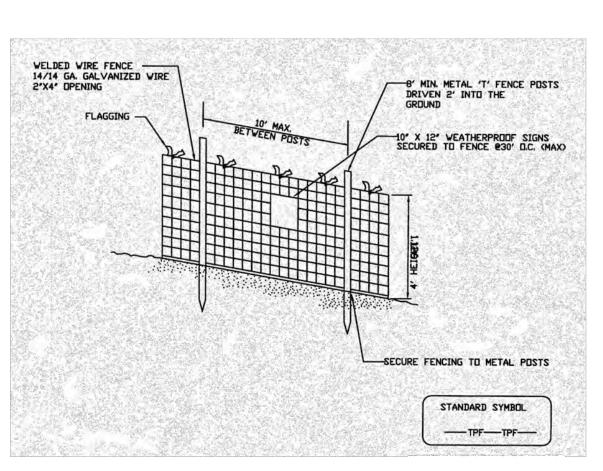
9. After construction is completed, but before tree protection devices have been removed,

a. Removal, and possible replacement, of dead, dying, or hazardous trees

g. Clean up of retention areas, including trash removal

- 10. After the final inspection and completion of all corrective measures the Forest Conservation Inspector will request all temporary tree and forest protection devices be removed from the site. Removal of tree protection devices that also operate for erosion and sediment control must be coordinated with both DPS and the Forest Conservation Inspector and cannot be removed without permission of the Forest Conservation Inspector. No additional grading, sodding, or burial may take place after the tree protection fencing is removed.
- 11. Long-term protection measures, including permanent signage, must be installed per the approved plan. Installation will occur at the appropriate time during the construction project. Refer to the approved plan drawing for the long-term protection measures to be installed.

Tree Protection Fence Detail Not to scale



NOTES

- Practice may be combined wi fencing.
- Location and limits of fencing coordinated in field with arbo
- Boundaries of protection area prior to installing protective
- Root damage should be avoid
- Protection signage is required Fencing shall be maintained construction.

INSPECTIONS

All field inspections must be requested by the applicant.

Field Inspections must be conducted as follows:

- Plans without Planting Requirements
- grading begins.
- building permit. 3. After completion of all construction activities, but before removal of tree protection conservation.

COMMENTS	TAG NO.	COMMON NAME	BOTANICAL NAME	DBH	CONDITION	COMMENTS
Located within forested area	 T-190	White Pine	Pinus strobus	30	Good	Located in maintained lawn area
Located within forested area	T-191	Sweet Cherry	Prunus avium	24	Good	Located in maintained lawn area
Located within forested area	T-192	Sweet Cherry	Prunus avium	24	Good	Located in maintained lawn area
Located within forested area Located within forested area	T-193	White Pine	Pinus strobus	31	Good	Located in maintained lawn area
Located within forested area	T-195	White Pine	Pinus strobus	24	Good	Located in maintained lawn area
Located within forested area	T-196 T-197	White Pine Tulip Poplar	Pinus strobus Liriodendron tulipifera	26 35	Good Good	Located in maintained lawn area Located in maintained lawn area
Located within forested area	T-198	Tulip Poplar	Liriodendron tulipifera	35	Good	Located in maintained lawn area
Located within forested area	T-199	Red Oak	Quercus rubra	39	Good	Located in maintained lawn area
Located within forested area	T-200	Tulin Donlar	liviadandran tulinifara	26	Good	Located in maintained lawn area
Located within forested area	T-200 T-201	Tulip Poplar Red Oak	Liriodendron tulipifera Quercus rubra	36 30	Good	Located in maintained lawn area
Located within forested area Located within forested area	T-203	Red Oak	Quercus rubra	26	Good	Located within forested area
Located within forested area	T-204	Red Maple	Acer rubrum	25	Good	Located within forested area
Located within forested area	T-205	Black Locust	Robinia pseudoacacia	30	Fair	Located within forested area
Located within forested area	T-217	Red Maple	Acer rubrum	26	Fair	Located in maintained lawn area
Located within forested area Located within forested area	T-218 T-219	White Pine Wheeping Cherry	Pinus strobus Prunus subhirtella	31 29	Good Good	Located in maintained lawn area Located in maintained lawn area
Located within forested area	T-219	Red Maple	Acer rubrum	43	Good	Located in maintained lawn area
	T-233	Silver Maple	Acer saccharinum	40	Good	Located in maintained lawn area
Located within forested area Located within forested area	T 224	Tulia Dealer	livia da palua na tudin ifa ya	47	Ee in	Leasted within formated and
Located within forested area	T-234 T-235	Tulip Poplar Tulip Poplar	Liriodendron tulipifera Liriodendron tulipifera	47 28	Fair Fair	Located within forested area Located within forested area
Located within forested area	T-235	White Pine	Pinus strobus	26	Fair	Located in maintained lawn area
Located within forested area	T-237	White Pine	Pinus strobus	24	Good	Located in maintained lawn area
Located within forested area	T-243	White Mulberry	Morus alba	28	Fair	Located in maintained lawn area
Located within forested area Located within forested area	T-244	White Pine	Pinus strobus	24	Fair	Located in maintained lawn area
Located within forested area	T-245	White Pine	Pinus strobus	20	Fair	Located in maintained lawn area
Located within forested area	T-246 T-251	White Pine Black Gum	Pinus strobus Nyssa sylvatica	19 28	Fair Good	Located in maintained lawn area Located within forested area
Located within forested area	T-251 T-252	Red Oak	Quercus rubra	28 26	Good	Located within forested area
Located within forested area						
Located within forested area	T-253	Tulip Poplar	Liriodendron tulipifera	39	Fair	Located within forested area
Located within forested area	T-254 T-255	Tulip Poplar Tulip Poplar	Liriodendron tulipifera Liriodendron tulipifera	38 29	Poor Fair	Located within forested area Located within forested area
Located within forested area Located within forested area	T-255	Black Cherry	Prunus serotina	28	Fair	Located within forested area
Located within forested area	T-257	Tulip Poplar	Liriodendron tulipifera	30	Good	Located within forested area
Located within forested area	T-258	Tulip Poplar	Liriodendron tulipifera	30	Good	Located within forested area
Located within forested area	T-259	Tulip Poplar	Liriodendron tulipifera	24	Good	Located within forested area
Located within forested area	T-260	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area
Located within forested area	T-261 T-262	Sycamore Tulip Poplar	Plantanus occidentalis Liriodendron tulipifera	30 39	Good Good	Located within forested area Located within forested area
Located within forested area	1-202			29	Guu	
Located within forested area	T-263	Tulip Poplar	Liriodendron tulipifera	28	Good	Located within forested area
Located within forested area Located within forested area	T-264	Black Walnut	Juglans nigra	39	Good	Located within forested area
Located within forested area	T-265	Tulip Poplar	Liriodendron tulipifera	28	Good	Located within forested area Located within forested area
Located within forested area	T-266 T-267	Tulip Poplar Tulip Poplar	Liriodendron tulipifera Liriodendron tulipifera	38 26	Good Good	Located within forested area
Located within forested area	T-268	Tulip Poplar	Liriodendron tulipifera	25	Good	Located within forested area
Located within forested area Located within forested area	T-269	Tulip Poplar	Liriodendron tulipifera	52	Good	Located within forested area
	T-270	Tulip Poplar	Liriodendron tulipifera	43	Good	Located within forested area
Located within forested area	T-271	Tulip Poplar	Liriodendron tulipifera	46	Good	Located within forested area
Located within forested area Located within forested area	T-272	Tulip Poplar	Liriodendron tulipifera	38	Good	Located within forested area
Located within forested area	T-273	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area
Located within forested area	T-274	Tulip Poplar	Liriodendron tulipifera	27	Good	Located within forested area
Located within forested area	T-275	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area
Located within forested area	T-276	Tulip Poplar	Liriodendron tulipifera	32	Good	Located within forested area
Located within forested area Located within forested area	T-277 T-278	Tulip Poplar Tulip Poplar	Liriodendron tulipifera Liriodendron tulipifera	26 25	Good Good	Located within forested area Located within forested area
Located within forested area	T-278 T-279	Tulip Poplar Tulip Poplar	Linodendron tulipifera	34	Good	Located within forested area
the entrol of the formation designs	T-280	Tulip Poplar	Liriodendron tulipifera	71/48/24	Poor	71" 2 of 3 stems, 1 of 3 dead/gone
Located within forested area Located within forested area	T-281	Red Oak	Quercus rubra	34	Good	Located within forested area
Located within forested area	T-282	Tulip Poplar	Liriodendron tulipifera	25	Good	Located within forested area
Located within forested area	T-283	Red Oak	Quercus rubra	40	Good	Located within forested area
Located within forested area	T-284	Red Oak	Quercus rubra	27	Good	Located within forested area
Located within forested area Located within forested area	T-285	Tulip Poplar	Liriodendron tulipifera	38	Good	Located within forested area
Located within forested area	T-286	Tulip Poplar	Liriodendron tulipifera	28	Good	Located within forested area
Located at edge of forested area adjacent to	T-287	Tulip Poplar	Liriodendron tulipifera	43	Fair	Located within forested area
channelized stream	T-288 T-289	Tulip Poplar Tulip Poplar	Liriodendron tulipifera Liriodendron tulipifera	27 26	Fair Good	Located within forested area Located within forested area
Located within forested area	T-290	Tulip Poplar	Liriodendron tulipifera	35	Good	Located within forested area
Located within forested area	T-291	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area
Located within forested area	T-292	Tulip Poplar	Liriodendron tulipifera	34	Good	Located within forested area
Located within forested area Located within forested area	T-293	Tulip Poplar	Liriodendron tulipifera	36	Good	Located within forested area
Located within forested area	T-294	Tulip Poplar	Liriodendron tulipifera	26	Good	Located within forested area
Located within forested area	T-295	Tulip Poplar	Liriodendron tulipifera	25	Good	Located within forested area
Located within forested area	T-296	Tulip Poplar	Liriodendron tulipifera	24	Good	Located within forested area
Located within forested area Located within forested area	T-297	Tulip Poplar	Liriodendron tulipifera	28	Fair	Located within forested area
Located within forested area	T-298 T-299	Tulip Poplar Southern Red Oak	Liriodendron tulipifera Quercus falcata	34 41	Fair Good	Located within forested area Located within forested area
Located within forested area	T-300	Slippery Elm	Ulmus rubra	33	Fair	Located within forested area
	T-301	Tulip Poplar	Liriodendron tulipifera	29	Good	Located within forested area
	T-309	Red Maple	Acer rubrum	24	Good	Located in maintained lawn area
	T 040			24		
	T-310 T-311	Red Oak Red Oak	Quercus rubra Quercus rubra	21 19	Good Good	Located in maintained lawn area Located in maintained lawn area
	T-311 T-312	Red Oak Red Oak	Quercus rubra Quercus rubra	19 22	Good Good	Located in maintained lawn area
	T-313	American Elm	Ulmus americana	14	Good	Located in maintained lawn area
	T-314	American Elm	Ulmus americana	16	Good	Located in maintained lawn area
	T-315	Cherry	Prunus spp.	3	Good	Located in maintained lawn area
	T-316	Cherry	Prunus spp.	5	Good	Located in maintained lawn area
	T-317	Cherry White Bine	Prunus spp. Dinus strobus	4	Good	Located in maintained lawn area
	T-318 T-319	White Pine Red Maple	Pinus strobus Quercus rubra	17 16	Good Good	Located in maintained lawn area Located in maintained lawn area
	T-320	Red Oak	Quercus rubra	11	Good	Located in maintained lawn area
	T-321	White Pine	Pinus strobus	17	Good	Located in maintained lawn area
	T-322	Red Maple	Acer rubrum	16	Good	Located in maintained lawn area
	T-323	Red Maple	Acer rubrum	15 12	Good	Located in maintained lawn area
	T-324 T-325	Red Maple Red Maple	Acer rubrum Acer rubrum	12 17	Good Good	Located in maintained lawn area Located in maintained lawn area
	T-325 T-326	Red Maple	Acer rubrum	15	Good	Located in maintained lawn area
	T-327	Golden Rain Tree	Koelreuteria paniculata	3	Poor	Located in maintained lawn area
	T-328	Golden Rain Tree	Koelreuteria paniculata	3	Poor	Located in maintained lawn area
	T-329	Golden Rain Tree	Koelreuteria paniculata	3	Poor	Located in maintained lawn area
	T-330	Golden Rain Tree	Koelreuteria paniculata	3	Poor	Located in maintained lawn area
ined with sediment control	T-331 T-332	Golden Rain Tree American Sycamore	Koelreuteria paniculata Platanus occidentalis	ン ス	Poor Good	Located in maintained lawn area Located in maintained lawn area
and with seament control	T-332 T-333	American Sycamore American Sycamore	Platanus occidentalis Platanus occidentalis	5 7	Good Good	Located in maintained lawn area
fencing should be	T-334	American Sycamore	Platanus occidentalis	10	Good	Located in maintained lawn area
th arborist.	T-335	American Sycamore	Platanus occidentalis	7	Good	Located in maintained lawn area
ion area should be staked	T-336	American Sycamore	Platanus occidentalis	5	Good	Located in maintained lawn area
ective device. De avoided.	T-337	American Sycamore	Platanus occidentalis	5	Good	Located in maintained lawn area
required.	T-338 T-339	American Sycamore American Sycamore	Platanus occidentalis Platanus occidentalis	4 5	Poor Good	Located in maintained lawn area Located in maintained lawn area
ained throughout	T-339 T-340	American Sycamore American Sycamore	Platanus occidentalis Platanus occidentalis	5 4	Good Good	Located in maintained lawn area
		,				

1. After the limits of disturbance have been staked and flagged, but before any clearing or

2. After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin and before release of the

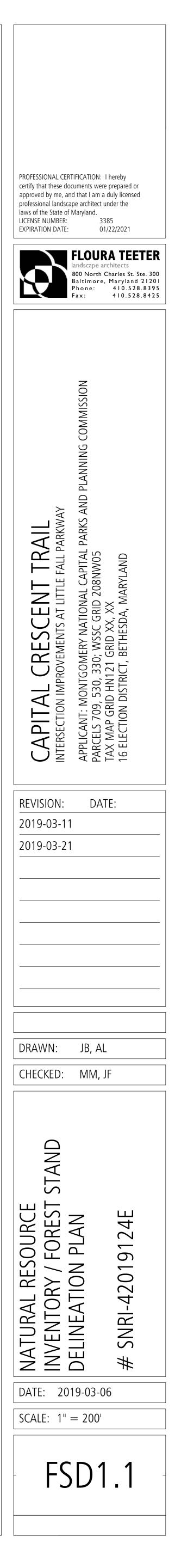
fencing, to determine the level of compliance with the provision of the forest

Additional Requirements for Plans with Planting Requirements

4. Before the start of any required reforestation and afforestation planting.

- 5. After the required reforestation and afforestation planting has been completed to verify
- that the planting is acceptable and prior to the start the maintenance period. 6. At the end of the maintenance period to determine the level of compliance with the

provisions of the planting plan, and if appropriate, release of the performance bond.



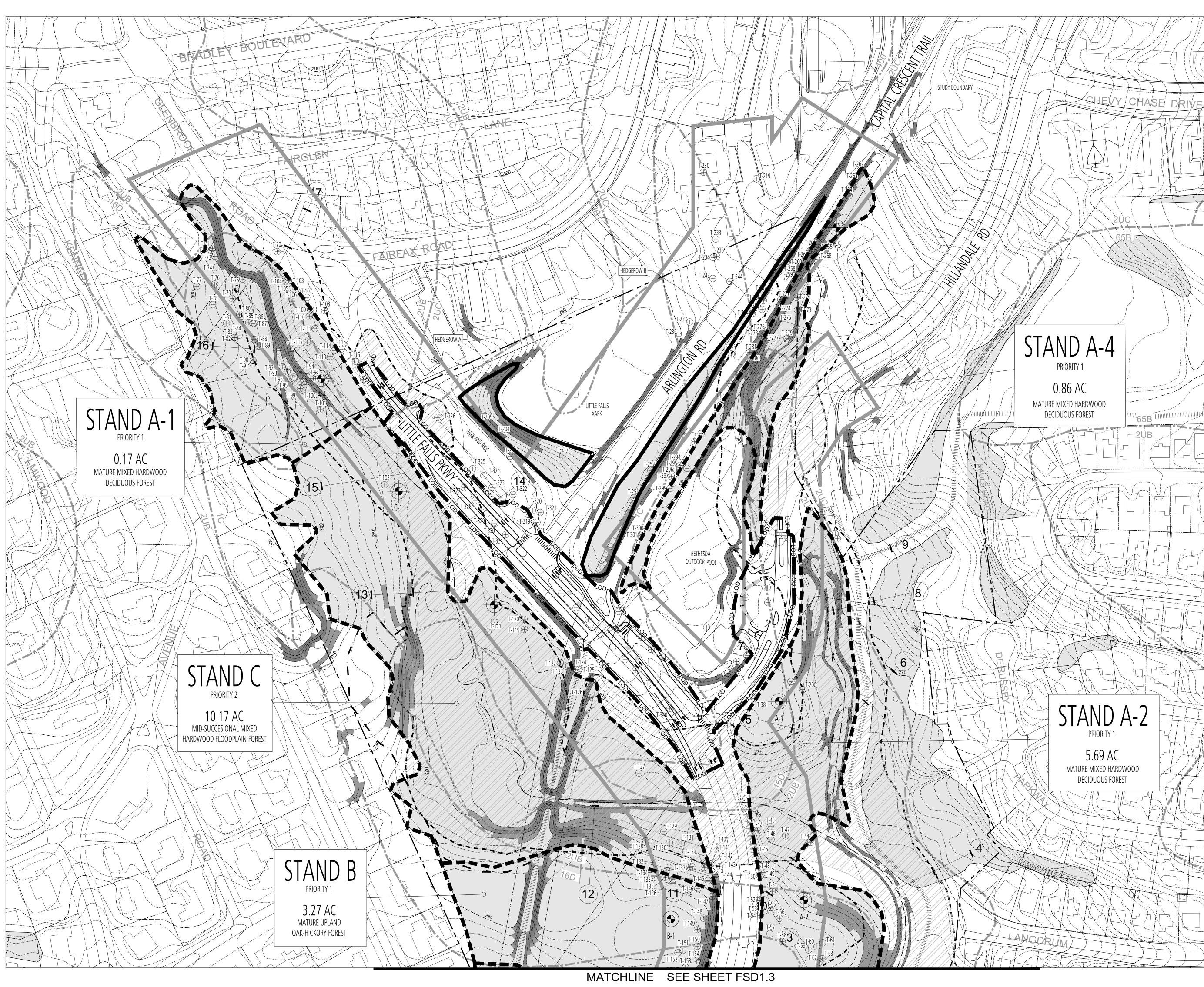
MONTGOMERY PLANNING DEPARTMENT THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION APPROVED - 42019124E Stephen Peck(stephen.peck@montgomeryplann 03/25/19

A TREE SAVE PLAN WILL BE SUBMITTED FOR REVIEW AND APPROVAL AT THE TIME OF SEDIMENT CONTROL PERMIT APPLICATION.

ing.org)

LEGEND

SPECIMEN / SIGNIFICANT TREE & CRITICAL ROOT ZON
SLOPE EQUAL TO OR GREATER THAN 25%
SLOPE BETWEEN 15-25%
STREAM
STREAM BUFFER
100 YEAR FLOODPLAIN & BRL
INDEX CONTOUR
INTERMEDIATE CONTOUR
SOIL TYPES
WETLAND
SAMPLE PLOT POINT
EXISTING FOREST COVER
FOREST STAND BOUNDARY
SLOPE ANALYSIS CROSS-SECTION
EXISTING TRAIL
STUDY AREA
LIMIT OF DISTURBANCE
PROPOSED ROADWAY



APPENDIX B: NATURAL RESOURCE INVENTORY / FOREST STAND DELINEATION



SCALE: 1"= 100'-0"

PROFESSIONAL CERTIFICATION: 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. LICENSE NUMBER: 3385 EXPIRATION DATE: 01/22/2021 FLOURA TEETER
 800 North Charles St. Ste. 300

 Baltimore, Maryland 21201

 Phone:
 410.528.8395

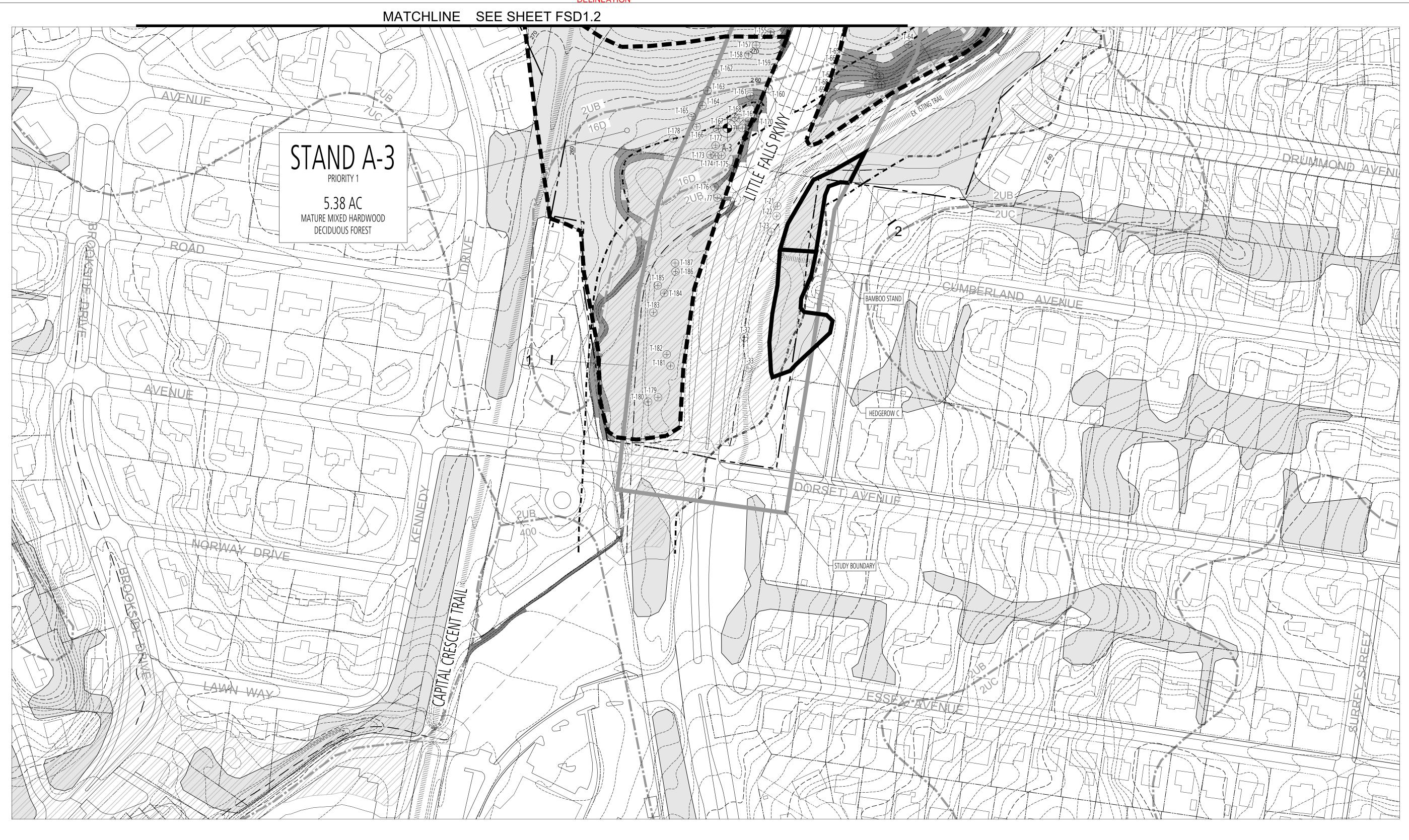
 Fax:
 410.528.8425
TRAIL FALL PARKW TAL /05 .IL ≥ **ESCENT** -₹ S ROVEN CAPITAL INTERSECTION IMP APPLICAN PARCELS TAX MAP 16 ELECTI REVISION: DATE: 2019-03-11 2019-03-21 DRAWN: JB, AL CHECKED: MM, JF AND ST RESOURCE RY / FOREST ION PLAN 124E 19 JRY / I TION 420 NATURAL INVENTOR DELINEATI SNRI-# DATE: 2019-03-06 SCALE: 1" = 100' FSD1.2

MONTGOMERY PLANNING DEPARTMENT THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION APPROVED - 42019124E Stephen Peck (stephen.peck@montgomeryplanning.org) 03/25/19

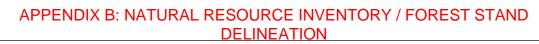
A TREE SAVE PLAN WILL BE SUBMITTED FOR REVIEW AND APPROVAL AT THE TIME OF SEDIMENT CONTROL PERMIT APPLICATION.

LEGEND

(\bigoplus)	SPECIMEN / SIGNIFICANT TREE & CRITICAL ROOT ZON
	SLOPE EQUAL TO OR GREATER THAN 25%
	SLOPE BETWEEN 15-25%
	STREAM
	STREAM BUFFER
	100 YEAR FLOODPLAIN & BRL
-_	INDEX CONTOUR
//	INTERMEDIATE CONTOUR
1 <u>C</u> 16D	SOIL TYPES
\bigcirc	WETLAND
	SAMPLE PLOT POINT
	EXISTING FOREST COVER
	FOREST STAND BOUNDARY
(13)+	SLOPE ANALYSIS CROSS-SECTION
11111111	EXISTING TRAIL
1	STUDY AREA
	LIMIT OF DISTURBANCE
	PROPOSED ROADWAY







NATURAL RESOURCE INVENTORY / FOREST STAND DELINEATION PLAN

SCALE: 1"= 100'-0"

