

Appendix B

Natural Resource Inventory / Forest Stand
Delineation Drawings and Approval Letter



APPENDIX B: NATURAL RESOURCE INVENTORY / FOREST STAND
DELINEATION

MONTGOMERY COUNTY PLANNING DEPARTMENT
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,

A handwritten signature in black ink that reads "Stephen Peck".

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

CC: Megan Maffeo, Floura Teeter

SIGNIFICANT AND SPECIMEN TREES (STUDY AREA ONLY)					
TAG NO.	COMMON NAME	BOTANICAL NAME	DBH	CONDITION	COMMENTS
T-1	Silver Maple	<i>Acer saccharinum</i>	25	Good	Located in maintained lawn area
T-12	Black Walnut	<i>Juglans nigra</i>	25	Good	Located in maintained lawn area
T-13	Slippery Elm	<i>Ulmus rubra</i>	30.5	Good	Located in maintained lawn area
T-21	American Sycamore	<i>Platanus occidentalis</i>	39	Excellent	Located in maintained lawn area
T-22	American Sycamore	<i>Platanus occidentalis</i>	28.5	Excellent	Located in maintained lawn area
T-23	Dawn Redwood	<i>Metasequoia glyptostroboides</i>	25.5	Excellent	Located in maintained lawn area
T-32	Slippery Elm	<i>Ulmus rubra</i>	33	Excellent	Located in maintained lawn area
T-33	White Pine	<i>Pinus strobus</i>	35	Excellent	Located in maintained lawn area
T-37	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-38	Virginia Pine	<i>Pinus virginiana</i>	26	Good	Located within forested area
T-39	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-40	Tulip Poplar	<i>Liriodendron tulipifera</i>	24	Good	Located within forested area
T-41	Red Oak	<i>Quercus rubra</i>	34	Good	Located within forested area
T-42	Eastern Cottonwood	<i>Populus deltoides</i>	35	Good	Located within forested area
T-43	Red Oak	<i>Quercus rubra</i>	24	Good	Located within forested area
T-44	Red Oak	<i>Quercus rubra</i>	72	Good	Located within forested area
T-45	Red Oak	<i>Quercus rubra</i>	24	Good	Located within forested area
T-46	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-47	Red Oak	<i>Quercus rubra</i>	26	Good	Located within forested area
T-48	Tulip Poplar	<i>Liriodendron tulipifera</i>	40	Good	Located within forested area
T-49	Tulip Poplar	<i>Liriodendron tulipifera</i>	51	Good	Located within forested area
T-50	Red Oak	<i>Quercus rubra</i>	24	Good	Located within forested area
T-51	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-52	Tulip Poplar	<i>Liriodendron tulipifera</i>	33	Good	Located within forested area
T-53	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-54	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-55	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-56	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-57	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-58	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-59	Tulip Poplar	<i>Liriodendron tulipifera</i>	33	Good	Located within forested area
T-60	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-61	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-62	Tulip Poplar	<i>Liriodendron tulipifera</i>	33	Good	Located within forested area
T-63	Tulip Poplar	<i>Liriodendron tulipifera</i>	33	Good	Located within forested area
T-64	Tulip Poplar	<i>Liriodendron tulipifera</i>	45	Good	Located within forested area
T-65	Tulip Poplar	<i>Liriodendron tulipifera</i>	46	Good	Located within forested area
T-66	Tulip Poplar	<i>Liriodendron tulipifera</i>	43	Good	Located within forested area
T-67	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-68	Red Oak	<i>Quercus rubra</i>	26	Good	Located within forested area
T-69	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Good	Located within forested area
T-70	Pin Oak	<i>Quercus palustris</i>	45	Good	Located within forested area
T-71	Tulip Poplar	<i>Liriodendron tulipifera</i>	31	Good	Located within forested area
T-72	Tulip Poplar	<i>Liriodendron tulipifera</i>	30	Good	Located within forested area
T-73	Tulip Poplar	<i>Liriodendron tulipifera</i>	28.5	Good	Located within forested area
T-74	Tulip Poplar	<i>Liriodendron tulipifera</i>	32	Good	Located within forested area
T-75	Tulip Poplar	<i>Liriodendron tulipifera</i>	54	Good	Located within forested area
T-76	White Oak	<i>Quercus alba</i>	26	Good	Located within forested area
T-77	Tulip Poplar	<i>Liriodendron tulipifera</i>	40	Good	Located within forested area
T-78	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Good	Located within forested area
T-79	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-80	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Good	Located within forested area
T-81	Tulip Poplar	<i>Liriodendron tulipifera</i>	43	Good	Located within forested area
T-82	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Good	Located within forested area
T-83	Tulip Poplar	<i>Liriodendron tulipifera</i>	31	Good	Located within forested area
T-84	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Good	Located within forested area
T-85	Tulip Poplar	<i>Liriodendron tulipifera</i>	37	Good	Located within forested area
T-86	Tulip Poplar	<i>Liriodendron tulipifera</i>	32	Good	Located within forested area
T-87	Tulip Poplar	<i>Liriodendron tulipifera</i>	34	Good	Located within forested area
T-88	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-89	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-90	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-91	Tulip Poplar	<i>Liriodendron tulipifera</i>	42	Good	Located within forested area
T-92	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-93	Tulip Poplar	<i>Liriodendron tulipifera</i>	31	Good	Located within forested area
T-94	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-95	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-96	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-97	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-98	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-99	Tulip Poplar	<i>Liriodendron tulipifera</i>	24	Good	Located within forested area
T-100	Tulip Poplar	<i>Liriodendron tulipifera</i>	31	Good	Located within forested area
T-101	Red Oak	<i>Quercus rubra</i>	24	Good	Located within forested area
T-102	Tulip Poplar	<i>Liriodendron tulipifera</i>	34	Good	Located within forested area
T-103	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-104	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-105	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-106	Tulip Poplar	<i>Liriodendron tulipifera</i>	31	Good	Located within forested area
T-107	Green Ash	<i>Fraxinus pennsylvanica</i>	26	Fair	Located adjacent to trail; edge of forest
T-108	Green Ash	<i>Fraxinus pennsylvanica</i>	33	Fair	Located adjacent to trail; edge of forest
T-109	Tulip Poplar	<i>Liriodendron tulipifera</i>	24	Good	Located within forested area

TAG NO.	COMMON NAME	BOTANICAL NAME	DBH	CONDITION	COMMENTS
T-110	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-111	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-112	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-113	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-114	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-115	Red Maple	<i>Acer rubrum</i>	25	Good	Located within forested area
T-116	Red Maple	<i>Acer rubrum</i>	27	Good	Located within forested area
T-117	Red Maple	<i>Acer rubrum</i>	29	Good	Located within forested area
T-118	American Sycamore	<i>Platanus occidentalis</i>	45	Good	Located within forested area
T-119	Red Maple	<i>Acer rubrum</i>	25	Good	Located within forested area
T-120	Slippery Elm	<i>Ulmus rubra</i>	36	Good	Located within forested area
T-121	Red Maple	<i>Acer rubrum</i>	34	Good	Located within forested area
T-122	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Good	Located within forested area
T-123	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-124	Tulip Poplar	<i>Liriodendron tulipifera</i>	32	Good	Located within forested area
T-125	Mockernut Hickory	<i>Carya tomentosa</i>	28	Good	Located within forested area
T-126	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-127	Red Maple	<i>Acer rubrum</i>	41	Good	Located within forested area
T-128	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-129	Slippery Elm	<i>Ulmus rubra</i>	27	Good	Located within forested area
T-130	Tulip Poplar	<i>Liriodendron tulipifera</i>	33	Good	Located within forested area
T-131	Tulip Poplar	<i>Liriodendron tulipifera</i>	24	Good	Located within forested area
T-132	Tulip Poplar	<i>Liriodendron tulipifera</i>	45	Good	Located within forested area
T-133	Tulip Poplar	<i>Liriodendron tulipifera</i>	44	Good	Located within forested area
T-134	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-135	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-136	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Good	Located within forested area
T-137	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Good	Located within forested area
T-138	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Good	Located within forested area
T-139	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-140	Tulip Poplar	<i>Liriodendron tulipifera</i>	24	Good	Located within forested area
T-141	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-142	Tulip Poplar	<i>Liriodendron tulipifera</i>	30	Good	Located within forested area
T-143	Mockernut Hickory	<i>Carya tomentosa</i>	25	Good	Located within forested area
T-144	Red Oak	<i>Quercus rubra</i>	37	Good	Located within forested area
T-145	Mockernut Hickory	<i>Carya tomentosa</i>	24	Good	Located within forested area
T-146	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Good	Located within forested area
T-147	White Pine	<i>Pinus strobus</i>	24	Good	Located within forested area
T-148	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-149	Black Oak	<i>Quercus velutina</i>	41	Good	Located within forested area
T-150	White Oak	<i>Quercus alba</i>	24	Good	Located within forested area
T-151	White Oak	<i>Quercus alba</i>	31	Good	Located within forested area
T-152	White Oak	<i>Quercus alba</i>	24	Good	Located within forested area
T-153	White Oak	<i>Quercus alba</i>	27	Good	Located within forested area
T-154	White Oak	<i>Quercus alba</i>	25	Good	Located within forested area
T-155	White Oak	<i>Quercus alba</i>	28	Good	Located within forested area
T-156	Red Oak	<i>Quercus rubra</i>	39	Good	Located within forested area
T-157	White Oak	<i>Quercus alba</i>	28	Good	Located within forested area
T-158	White Oak	<i>Quercus alba</i>	34	Good	Located within forested area
T-159	Mockernut Hickory	<i>Carya tomentosa</i>	25	Good	Located within forested area
T-160	White Pine	<i>Pinus strobus</i>	25	Good	Located within forested area
T-161	American Beech	<i>Fagus grandifolia</i>	34	Good	Located within forested area
T-162	Tulip Poplar	<i>Liriodendron tulipifera</i>	40	Good	Located within forested area
T-163	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-164	Tulip Poplar	<i>Liriodendron tulipifera</i>	33	Good	Located within forested area
T-165	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-166	White Oak	<i>Quercus alba</i>	31	Good	Located within forested area
T-167	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-168	Tulip Poplar	<i>Liriodendron tulipifera</i>	36	Good	Located within forested area
T-169	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-170	American Sycamore	<i>Platanus occidentalis</i>	25	Good	Located within forested area
T-171	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-172	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-173	Tulip Poplar	<i>Liriodendron tulipifera</i>	36	Good	Located within forested area
T-174	Tulip Poplar	<i>Liriodendron tulipifera</i>	30	Good	Located within forested area
T-175	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-176	Tulip Poplar	<i>Liriodendron tulipifera</i>	30	Good	Located within forested area
T-177	American Hornbeam	<i>Carpinus caroliniana</i>	32	Good	Located at edge of forested area adjacent to channelized stream
T-178	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-179	American Sycamore	<i>Platanus occidentalis</i>	44	Good	Located within forested area
T-180	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-181	White Pine	<i>Pinus strobus</i>	29	Good	Located within forested area
T-182	White Pine	<i>Pinus strobus</i>	25	Good	Located within forested area
T-183	White Pine	<i>Pinus strobus</i>	26	Good	Located within forested area
T-184	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-187	White Pine	<i>Pinus strobus</i>	25	Good	Located within forested area
T-188	American Sycamore	<i>Platanus occidentalis</i>	35	Good	Located within forested area
T-189	American Sycamore	<i>Platanus occidentalis</i>	40	Good	Located within forested area
T-188	White Pine	<i>Pinus strobus</i>	28	Good	Located within forested area
T-189	Pin Oak	<i>Quercus palustris</i>	30	Good	Located within forested area

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

- An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged and before any land disturbance.
 - Typical tree protection devices include:
 - Chain link fence (four feet high)
 - Super slit fence with wire strung between the support poles (minimum 4 feet high) with high visibility flagging.
 - 14 gauge, 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with high visibility flagging.
 - Typical stress reduction measures may include, but are not limited to:
 - Root pruning with a root cutter or vibratory plow designed for that purpose. Trenchers are not allowed, unless approved by the Forest Conservation Inspector
 - Crown Reduction or pruning
 - Watering
 - Fertilizing
 - Vertical mulching
 - 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.
- 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 required by the Forest Conservation Inspector, and will be determined at the pre-construction meeting.

- 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 adjustments to increase the survivability of trees and forest shown as saved on the approved plan.
- Tree protection fencing must be installed and maintained by the property owner for the 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 areas is prohibited. This includes the following activities:
 - Parking or driving of equipment, machinery or vehicles of any type.
 - Storage of any construction materials, equipment, stockpiling, fill, debris, etc.
 - Dumping of any chemicals (i.e., paint thinner), mortar or concrete remainder, trash, garbage, or debris of any kind.
 - Felling of trees into a protected area.
 - Trenching or grading for utilities, irrigation, drainage, etc.
- Forest and tree protection signs must be installed as required by the Forest Conservation Inspector. The signs must be waterproof and wording provided in both English and Spanish.

During Construction

- 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.
- 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.

Post-Construction

- 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, dying, or hazardous trees
 - Pruning of dead or declining limbs
 - Soil aeration
 - Fertilization
 - Watering
 - Wound repair

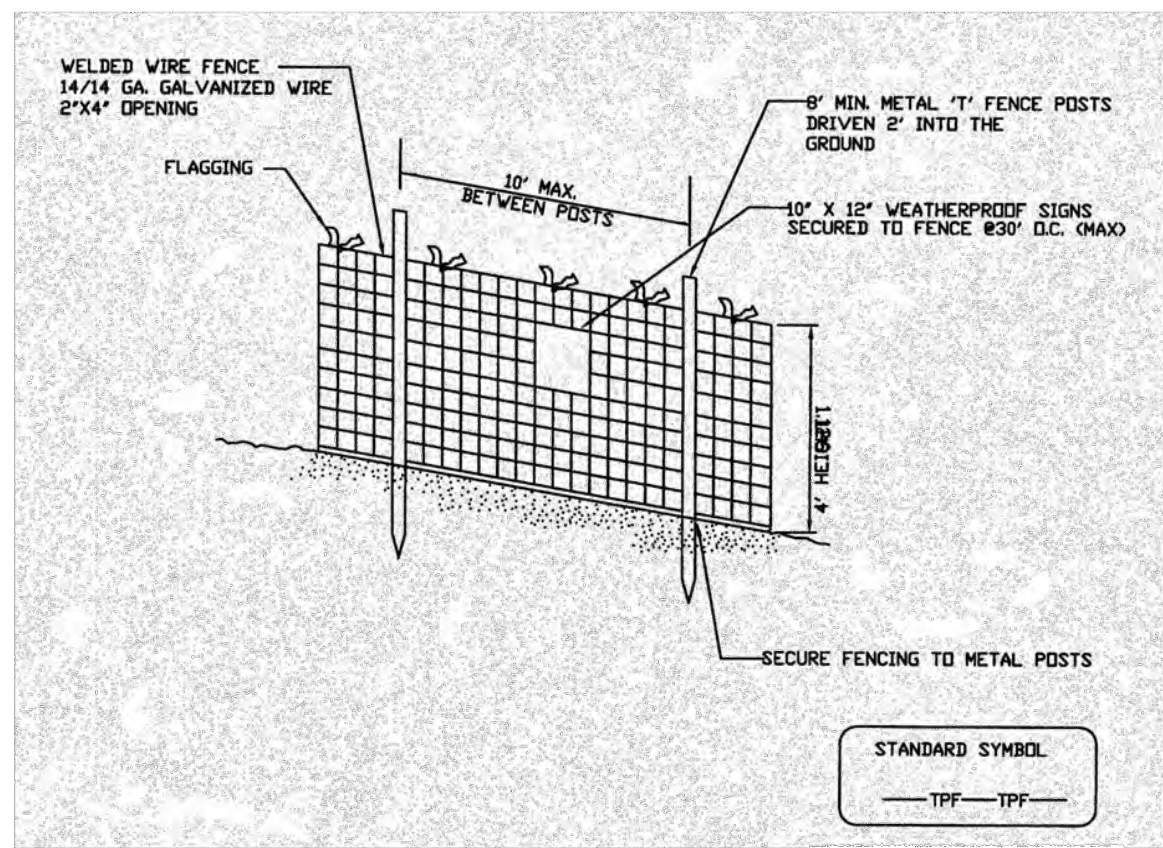
g. Clean up of retention areas, including trash removal

- 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.

- 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 or 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 with sediment control fencing.
- Location and limits of fencing should be coordinated in field with arborist.
- Boundaries of protection area should be staked prior to installing protective device.
- Root damage should be avoided.
- Protection signage is required.
- Fencing shall be maintained throughout construction.

INSPECTIONS

All field inspections must be requested by the applicant.

Field Inspections must be conducted as follows:

Plans without Planting Requirements

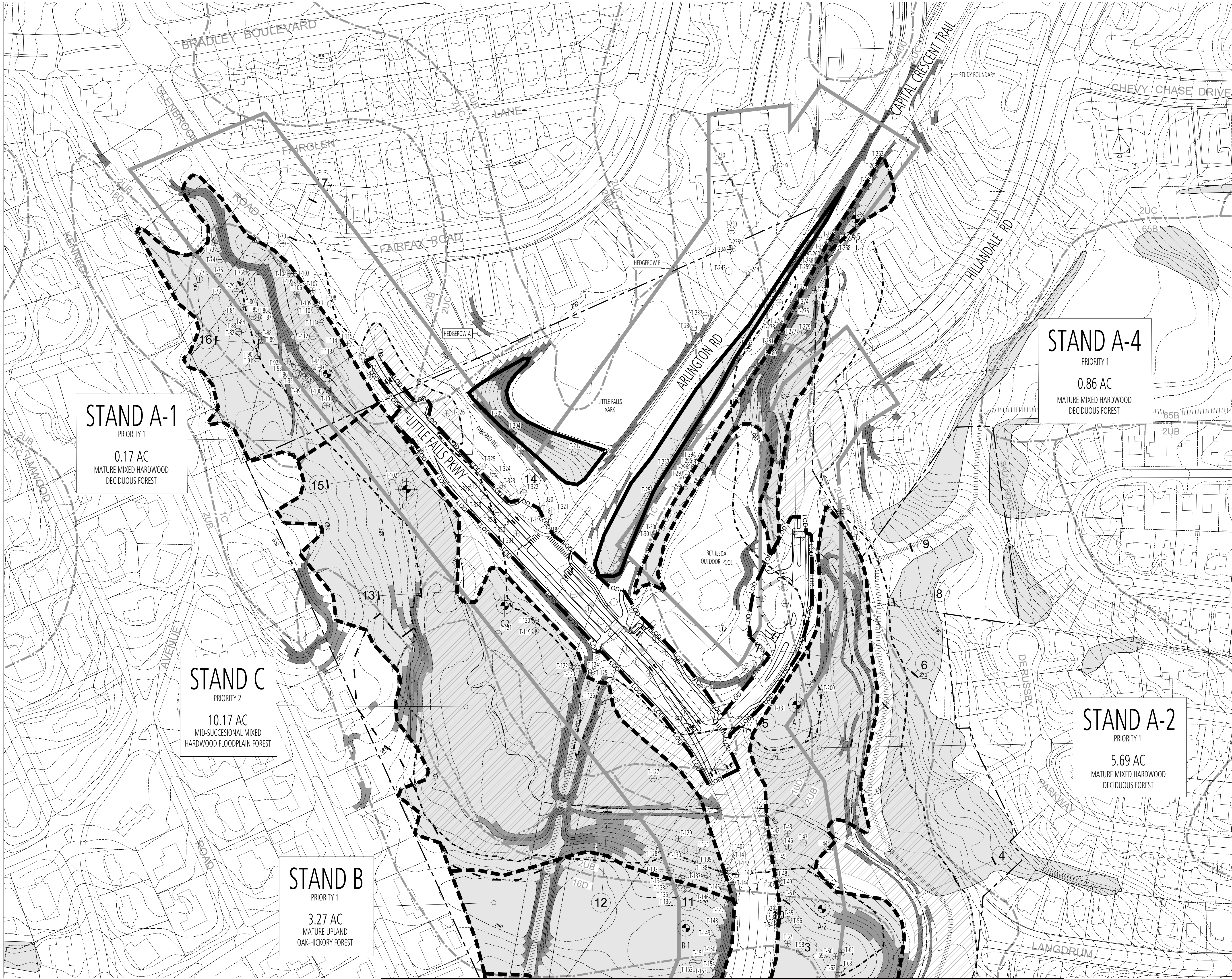
- After the limits of disturbance have been staked and flagged, but before any clearing or grading begins.
- After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin and before release of the building permit.
- After completion of all construction activities, but before removal of tree protection fencing, to determine the level of compliance with the provision of the forest conservation.

TAG NO.	COMMON NAME	BOTANICAL NAME	DBH	CONDITION	COMMENTS
T-190	White Pine	<i>Pinus strobus</i>	30	Good	Located in maintained lawn area
T-191	Sweet Cherry	<i>Prunus avium</i>	24	Good	Located in maintained lawn area
T-192	Sweet Cherry	<i>Prunus avium</i>	24	Good	Located in maintained lawn area
T-193	White Pine	<i>Pinus strobus</i>	31	Good	Located in maintained lawn area
T-195	White Pine	<i>Pinus strobus</i>	24	Good	Located in maintained lawn area
T-196	White Pine	<i>Pinus strobus</i>	26	Good	Located in maintained lawn area
T-197	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located in maintained lawn area
T-198	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located in maintained lawn area
T-199	Red Oak	<i>Quercus rubra</i>	39	Good	Located in maintained lawn area
T-200	Tulip Poplar	<i>Liriodendron tulipifera</i>	36	Good	Located in maintained lawn area
T-201	Red Oak	<i>Quercus rubra</i>	30	Good	Located in maintained lawn area
T-203	Red Oak	<i>Quercus rubra</i>	26	Good	Located within forested area
T-204	Red Maple	<i>Acer rubrum</i>	25	Good	Located within forested area
T-205	Black Locust	<i>Robinia pseudoacacia</i>	30	Fair	Located within forested area
T-217	Red Maple	<i>Acer rubrum</i>	26	Fair	Located in maintained lawn area
T-218	White Pine	<i>Pinus strobus</i>	31	Good	Located in maintained lawn area
T-219	Weeping Cherry	<i>Prunus subhirtella</i>	29	Good	Located in maintained lawn area
T-230	Red Maple	<i>Acer rubrum</i>	43	Good	Located in maintained lawn area
T-233	Silver Maple	<i>Acer saccharinum</i>	40	Good	Located in maintained lawn area
T-234	Tulip Poplar	<i>Liriodendron tulipifera</i>	47	Fair	Located within forested area
T-235	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Fair	Located within forested area
T-236	White Pine	<i>Pinus strobus</i>	26	Fair	Located in maintained lawn area
T-237	White Pine	<i>Pinus strobus</i>	24	Good	Located in maintained lawn area
T-243	White Mulberry	<i>Morus alba</i>	28	Fair	Located in maintained lawn area
T-244	White Pine	<i>Pinus strobus</i>	24	Fair	Located in maintained lawn area
T-245	White Pine	<i>Pinus strobus</i>	20	Fair	Located in maintained lawn area
T-246	White Pine	<i>Pinus strobus</i>	19	Fair	Located in maintained lawn area
T-251	Black Gum	<i>Nyssa sylvatica</i>	28	Good	Located within forested area
T-252	Red Oak	<i>Quercus rubra</i>	26	Good	Located within forested area
T-253	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Fair	Located within forested area
T-254	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Fair	Located within forested area
T-255	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Fair	Located within forested area
T-256	Black Cherry	<i>Prunus serotina</i>	28	Fair	Located within forested area
T-257	Tulip Poplar	<i>Liriodendron tulipifera</i>	30	Good	Located within forested area
T-258	Tulip Poplar	<i>Liriodendron tulipifera</i>	30	Good	Located within forested area
T-259	Tulip Poplar	<i>Liriodendron tulipifera</i>	24	Good	Located within forested area
T-260	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-261	Sycamore	<i>Platanus occidentalis</i>	30	Good	Located within forested area
T-262	Tulip Poplar	<i>Liriodendron tulipifera</i>	39	Good	Located within forested area
T-263	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-264	Black Walnut	<i>Juglans nigra</i>	39	Good	Located within forested area
T-265	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-266	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Good	Located within forested area
T-267	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-268	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-269	Tulip Poplar	<i>Liriodendron tulipifera</i>	52	Good	Located within forested area
T-270	Tulip Poplar	<i>Liriodendron tulipifera</i>	43	Good	Located within forested area
T-271	Tulip Poplar	<i>Liriodendron tulipifera</i>	46	Good	Located within forested area
T-272	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Good	Located within forested area
T-273	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-274	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Good	Located within forested area
T-275	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-276	Tulip Poplar	<i>Liriodendron tulipifera</i>	32	Good	Located within forested area
T-277	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-278	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-279	Tulip Poplar	<i>Liriodendron tulipifera</i>	34	Good	Located within forested area
T-280	Tulip Poplar	<i>Liriodendron tulipifera</i>	71/48/24	Poor	71" 2 of 3 stems, 1 of 3 dead/dgno
T-281	Red Oak	<i>Quercus rubra</i>	34	Good	Located within forested area
T-282	Red Oak	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-283	Red Oak	<i>Quercus rubra</i>	40	Good	Located within forested area
T-284	Red Oak	<i>Quercus rubra</i>	27	Good	Located within forested area
T-285	Tulip Poplar	<i>Liriodendron tulipifera</i>	38	Good	Located within forested area
T-286	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Good	Located within forested area
T-287	Tulip Poplar	<i>Liriodendron tulipifera</i>	43	Fair	Located within forested area
T-288	Tulip Poplar	<i>Liriodendron tulipifera</i>	27	Fair	Located within forested area
T-289	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-290	Tulip Poplar	<i>Liriodendron tulipifera</i>	35	Good	Located within forested area
T-291	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-292	Tulip Poplar	<i>Liriodendron tulipifera</i>	34	Good	Located within forested area
T-293	Tulip Poplar	<i>Liriodendron tulipifera</i>	36	Good	Located within forested area
T-294	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-295	Tulip Poplar	<i>Liriodendron tulipifera</i>	25	Good	Located within forested area
T-296	Tulip Poplar	<i>Liriodendron tulipifera</i>	24	Good	Located within forested area
T-297	Tulip Poplar	<i>Liriodendron tulipifera</i>	28	Fair	Located within forested area
T-298	Tulip Poplar	<i>Liriodendron tulipifera</i>	26	Good	Located within forested area
T-299	Southern Red Oak	<i>Quercus falcata</i>	41	Good	Located within forested area
T-300	Slippery Elm	<i>Ulmus rubra</i>	33	Fair	Located within forested area
T-301	Tulip Poplar	<i>Liriodendron tulipifera</i>	29	Good	Located within forested area
T-309	Red Maple	<i>Acer rubrum</i>	24	Good	Located in maintained lawn area
T-310	Red Oak	<i>Quercus rubra</i>	21	Good	Located in maintained lawn area
T-311	Red Oak	<i>Quercus rubra</i>	19	Good	Located in maintained lawn area
T-312	Red Oak	<i>Quercus rubra</i>	22	Good	Located in maintained lawn area
T-313	American Elm	<i>Ulmus americana</i>	14	Good	Located in maintained lawn area
T-314	American Elm	<i>Ulmus americana</i>	16	Good	Located in maintained lawn area
T-315	Cherry	<i>Prunus spp.</i>	3	Good	Located in maintained lawn area
T-316	Cherry	<i>Prunus spp.</i>	5	Good	Located in maintained lawn area
T-317	Cherry	<i>Prunus spp.</i>	4	Good	Located in maintained lawn area
T-318	White Pine	<i>Pinus strobus</i>	17	Good	Located in maintained lawn area
T-319	Red Maple	<i>Quercus rubra</i>	16	Good	Located in maintained lawn area
T-320	Red Oak	<i>Quercus rubra</i>	11	Good	Located in maintained lawn area
T-321	White Pine	<i>Pinus strobus</i>	17	Good	Located in maintained lawn area
T-322	Red Maple	<i>Acer rubrum</i>	16	Good	Located in maintained lawn area
T-323	Red Maple	<i>Acer rubrum</i>	15	Good	Located in maintained lawn area
T-324	Red Maple	<i>Acer rubrum</i>	12	Good	Located in maintained lawn area
T-325	Red Maple	<i>Acer rubrum</i>	17	Good	Located in maintained lawn area
T-326	Red Maple	<i>Acer rubrum</i>	15	Good	Located in maintained lawn area
T-327	Golden Rain Tree	<i>Koeleruteria paniculata</i>	3	Poor	Located in maintained lawn area
T-328	Golden Rain Tree	<i>Koeleruteria paniculata</i>	3	Poor	Located in maintained lawn area
T-329	Golden Rain Tree	<i>Koeleruteria paniculata</i>	3	Poor	Located in maintained lawn area
T-330	Golden Rain Tree	<i>Koeleruteria paniculata</i>	3	Poor	Located in maintained lawn area
T-331	Golden Rain Tree	<i>Koeleruteria paniculata</i>	3	Poor	Located in maintained lawn area
T-332	American Sycamore	<i>Platanus occidentalis</i>	3	Good	Located in maintained lawn area
T-333	American Sycamore	<i>Platanus occidentalis</i>	7	Good	Located in maintained lawn area
T-334	American Sycamore	<i>Platanus occidentalis</i>	10	Good	Located in maintained lawn area
T-335	American Sycamore	<i>Platanus occidentalis</i>	7	Good	Located in maintained lawn area
T-336	American Sycamore	<i>Platanus occidentalis</i>	5	Good	Located in maintained lawn area
T-337	American Sycamore	<i>Platanus occidentalis</i>	5	Good	Located in maintained lawn area
T-338	American Sycamore	<i>Platanus occidentalis</i>	4	Poor	Located in maintained lawn area
T-339	American Sycamore	<i>Platanus occidentalis</i>	5	Good	Located in maintained lawn area
T-340	American Sycamore	<i>Platanus occidentalis</i>	4	Good	Located in maintained lawn area

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

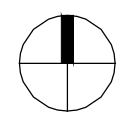
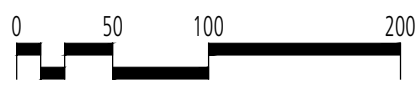
LEGEND

- ⊕ SPECIMEN / SIGNIFICANT TREE & CRITICAL ROOT ZONE
- 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
- LOD LIMIT OF DISTURBANCE
- PROPOSED ROADWAY

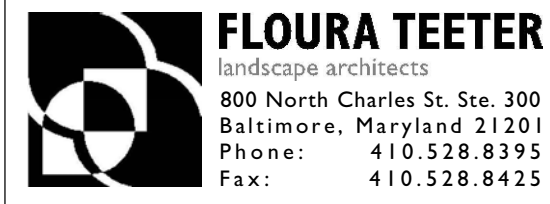


1 NATURAL RESOURCE INVENTORY / FOREST STAND DELINEATION PLAN
PLAN

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



CAPITAL CRESCENT TRAIL
INTERSECTION IMPROVEMENTS AT LITTLE FALL PARKWAY
APPLICANT: MONTGOMERY NATIONAL CAPITAL PARKS AND PLANNING COMMISSION
PARCELS 709, 530, 330; WSSC GRID 208NW05
TAX MAP GRID HN121 GRID XX, XX
16 ELECTION DISTRICT, BETHESDA, MARYLAND

REVISION: DATE:
2019-03-11
2019-03-21

DRAWN: JB, AL

CHECKED: MM, JF

**NATURAL RESOURCE
INVENTORY / FOREST STAND
DELINEATION PLAN**
SNRI-42019124E

DATE: 2019-03-06

SCALE: 1" = 100'

FSD1.2

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

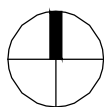
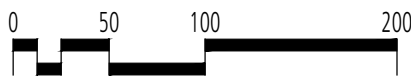
LEGEND

- SPECIMEN / SIGNIFICANT TREE & CRITICAL ROOT ZONE
- 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

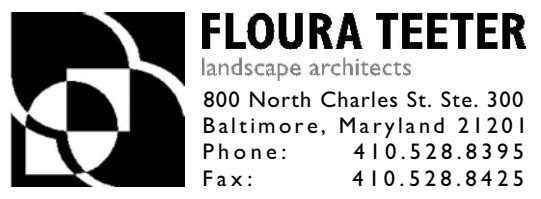


1 NATURAL RESOURCE INVENTORY / FOREST STAND DELINEATION PLAN
PLAN

SCALE: 1"= 100'-0"



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APPLICANT: MONTGOMERY NATIONAL CAPITAL PARKS AND PLANNING COMMISSION
PARCELS 709, 530, 330; WSSC GRID 208NW05
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16 ELECTION DISTRICT, BETHESDA, MARYLAND

REVISION: DATE:
2019-03-11
2019-03-21

DRAWN: JB, AL
CHECKED: MM, JF

NATURAL RESOURCE INVENTORY / FOREST STAND DELINEATION PLAN
SNRI-42019124E

DATE: 2019-03-06
SCALE: 1" = 100'

FSD1.3