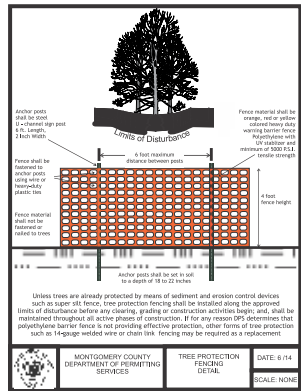


Tree Protection Fence and Signage



Tree Protection Zone DO NOT ENTER

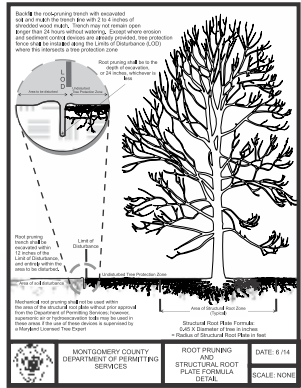
The following activities are not allowed:

- * Parking vehicles or equipment *
- * Storing construction materials *
- * Trenching, grading, tunneling or landscaping *
- * Removing or lowering tree protection fence *

For more information call:



Root Pruning Detail



Stump Removal

Department of Permitting Services
Land Development
200 Maryland Drive, 2nd Floor
Piscataway, MD 20852-4107
Phone: 301-287-2000 ext. 2000
Fax: 301-287-2000
http://www.montgomerypermitting.com



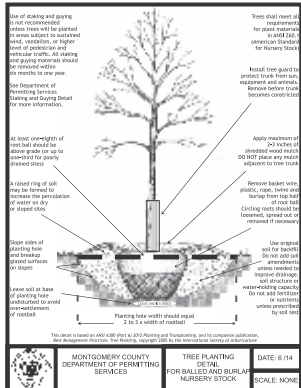
Specification for Stump Removal in Public Right-of-Way

Applicants shall ensure that the following events and outcomes occur when stump removal work is permitted within Public Rights-of-way:

- Contact the Right-of-Way Inspector identified on the approved permit to schedule a pre-construction meeting to review the conditions of Right-of-Way and before stump removal work occurs.
- Locate underground utilities before any grading or digging occurs, and ensure that reasonable steps are taken to protect public or private utilities during stump removal work.
- Take all steps necessary to keep human and vehicular traffic passing near the stump grinding and/or restoration work safe from all stump removal activities.
- Grind tree stump to a depth of 6 inches below the normal surface level including all surface roots. All wood debris and grindings must be removed from the Right-of-Way immediately after grinding occurs.
- Backfill cavity with clean soil immediately after grinding occurs. Compact backfill minimally in 3 inch lifts. Final grade must match surrounding soil levels. Do not backfill cavity with wood chips or wood debris. Reseal the disturbed area with an appropriate top dress species such as tall fescue.
- Restore the Right-of-Way to a safe condition by cleaning adjacent sidewalks, lawns, streets, street gutters, and stormwater inlets of wood chips, wood debris, soil, and soil stabilization materials. Remove and seal any ruts, holes or scalped areas caused by the grinding operations.
- Repair any damage to surrounding infrastructure such as sidewalks and gutters that may have been caused by the stump grinding activity or by related equipment.
- Ensure that any completed grading work or infrastructure damage is made safe and partitioned from human and vehicular traffic by means of highly visible safety barrier fencing or other safety and/or traffic control devices.
- Ensure that stump grinding equipment or any other equipment or material associated with stump removal and restoration work is safely stored and/or parked if it must be left overnight or for an extended period of time.
- Make a follow-up appointment for post-construction meeting with Right-of-Way Inspector to inspect Right-of-Way condition after all stump removal and restoration work has been completed.

9/2014

Tree Planting Detail



Narrative

**Tree Protection Plan for 3916 Infill Lane, Bethesda MD
ROW Permit No. 81976A**

Protection Narrative

The 21-inch diameter American sycamore located in front of 3914 Infill Lane appears to be in good condition and has no major defects that we anticipate would be accentuated by the proposed construction. The proposed construction will impact less than 20% of the Critical Root Zone, therefore we propose to preserve this tree and will mitigate construction damage by means of root pruning which will be implemented by a Maryland Licensed Tree Expert and executed concurrently with the installation of all critical lanes. The tree will be protected by tree protection fencing and tree protection area signage that complies with the DPS details for tree protection fence and signage.

The 26-inch American sycamore located to the right of the existing driveway appears to be in good condition; however, the proposed improvements have potential to cause major damage to the root system. The proposed construction will impact 75% or more of the Critical Root Zone, therefore we propose to remove this tree and replace it with a 2-inch caliper bark gum (*Nyssa sylvatica*) approximately tree free from the location of the tree being removed. The stump from the American sycamore will be removed prior to the planting of the bark gum. The stump removal will be implemented in accordance with the DPS stump removal specifications.

Tree Removal Fee

The permittee will pay a \$500.00 non-refundable fee for the removal of the 26-inch diameter American Sycamore.

Tree Planting

The 2-inch caliper bark gum will be planted in accordance with the DPS tree planting detail which is duplicated on this sheet.

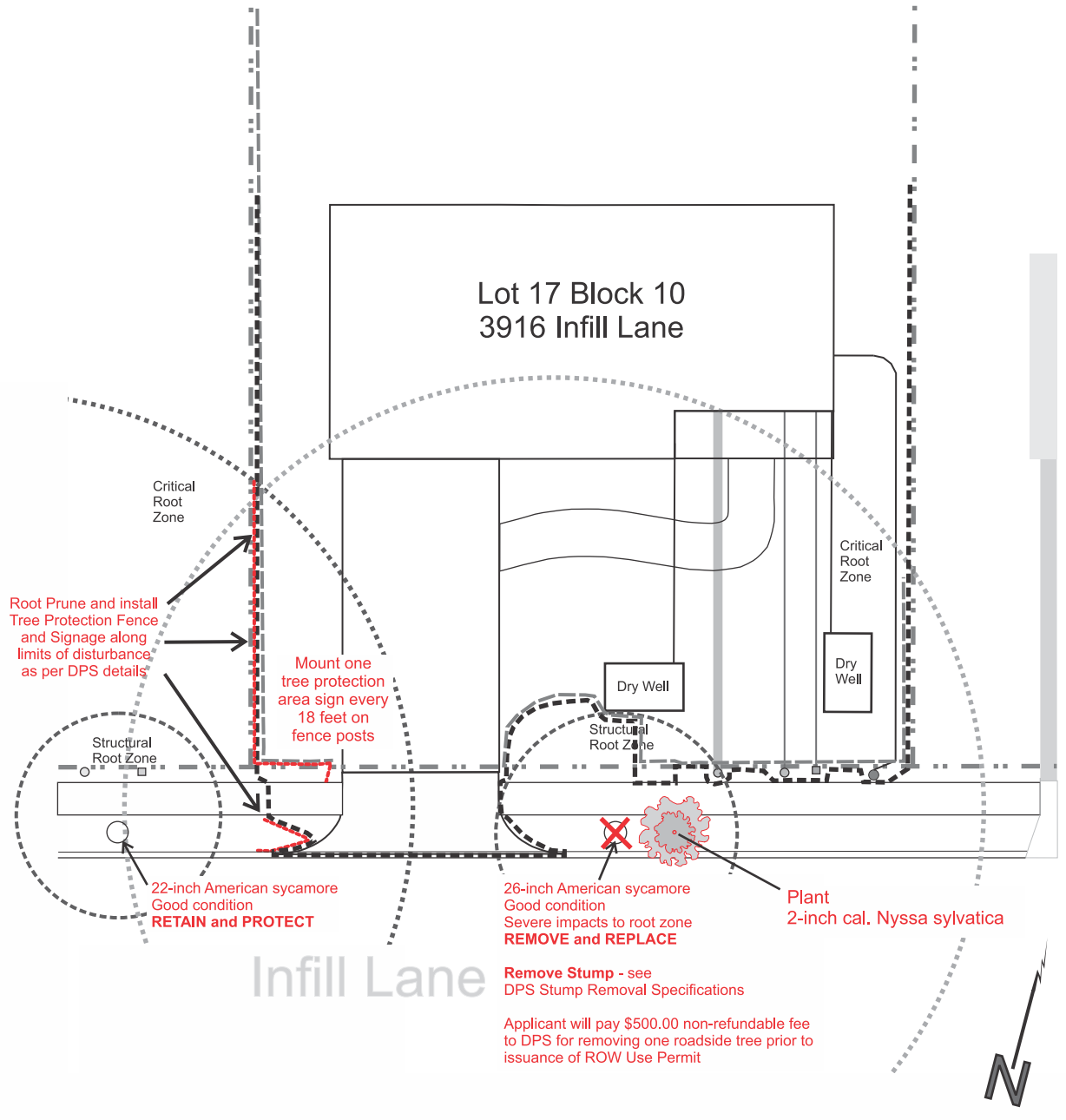
All of the above work will be implemented by Mr. John Smith of Northern Lights Tree Service. Mr. Smith is currently designated as an ISA Certified Arborist (MA-100035A) and a Maryland Licensed Tree Expert (No. 454-000100).

Sincerely,

John S. Jones,

John Smith Jones, P.E.

Summit Engineering Group



EXAMPLE Roadside Tree Protection Plan 3916 Infill Lane

ROW Permit 81976A

Job No: BMD 2017

**Summit
Engineering Group**

Sheet 2 of 3