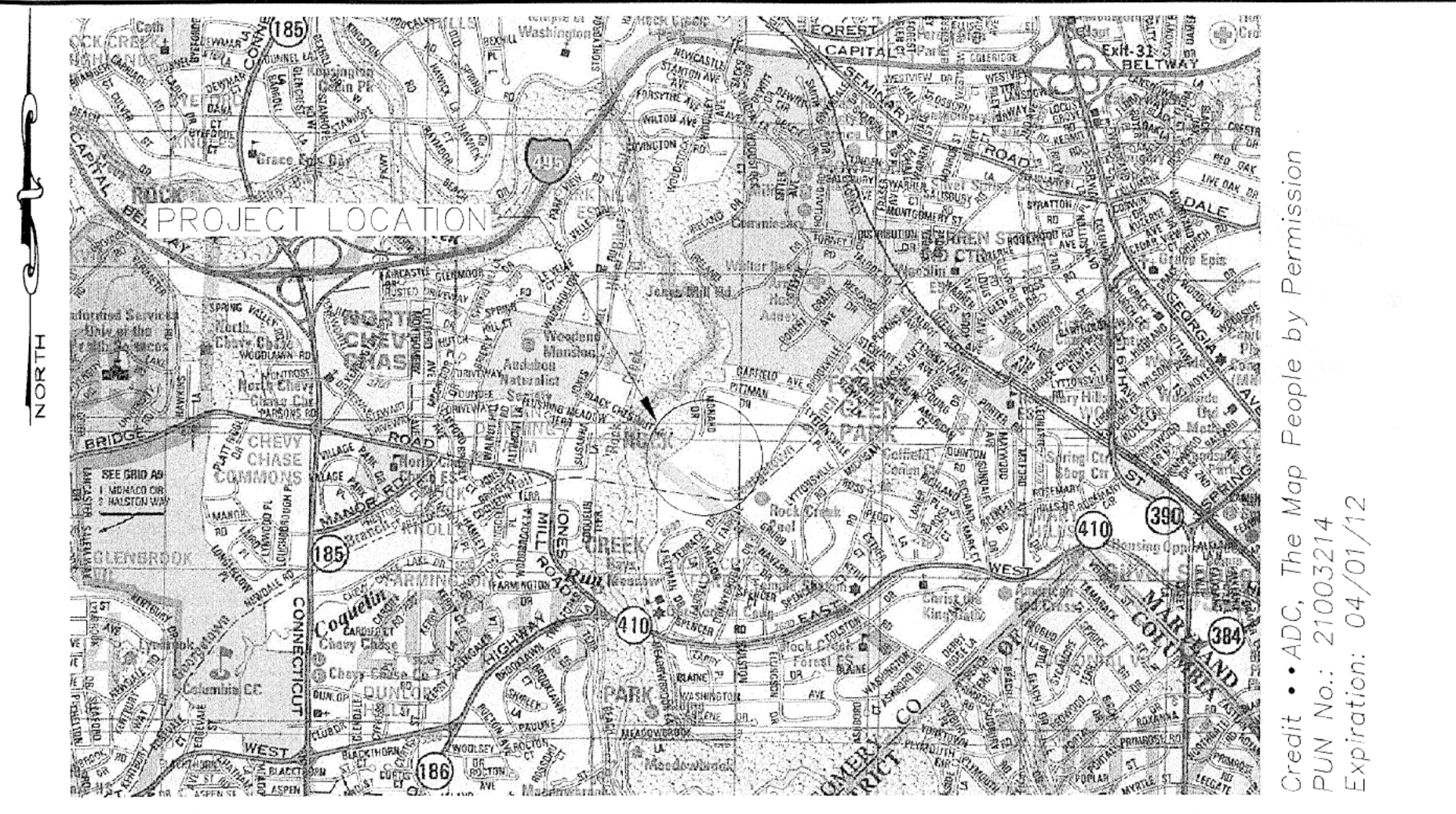


| Forest Conservation Data Table | |
|--|---------|
| Region | Acreage |
| Acreage of tract | 18.21 |
| Acreage of tract in remaining agricultural use | 0 |
| Acreage of road & utility ROWs not improved | 0 |
| Acreage of total existing forest | 1.08 |
| Acreage of forest retention | 0 |
| Acreage of total forest cleared | 11.08 |
| Land use category | TDA |
| Wetlands | 0 |
| Floodplains | 0 |
| Stream Buffer | 0 |

*Total forest cleared for Phases I & II. No additional forest impacts will occur with this proposed SWM improvements project.



VICINITY MAP
SCALE: 1"=2000'

- NOTES:
- This plan updates the approved Forest Conservation Plan #MR-2004801. This project involves stormwater management improvements on the property.
 - The property is not listed as a historic site by M-NCPPC's "Locational Atlas & Index Of Historic Sites In Montgomery County Maryland". The property is not listed as a historic site nor is it located within a historic district according to M-NCPPC's "Places From The Past: The Tradition Of Gardez Bein In Montgomery County Maryland; 2001". No historic or cultural resources exist within the study area. No rare, threatened or endangered species are known to exist within the project limits and none were observed during project field work.
 - Total tract area on Forest Conservation Worksheet is 18.21 acres (17.47 + 0.74). Refer to property boundary plan.
 - Forest Stand 1 (approx. 1.08 acres) was cleared during construction of the Brookville Service Park Phase I and Phase II Improvements, refer to approved NRI/FSD #420041790.
 - Existing planted whip area is not located within a Forest Conservation Easement. The area does not meet the definition of a forest.
 - Approximately 0.11 acres of forest area was cleared within the temporary grading easement located on Property 2, as part of Phases I & II of the Brookville Service Park Improvements.
 - There is a small wetland/water complex located outside of the proposed work areas. These features will not be affected by construction.
 - The Forest Conservation obligation for this site is 3.83 acres (3.72 acres from FC worksheet + 0.11 acres from Property 2). The MCDOT reforestation bank provided 3.72 acres from an off-site location. The remaining 0.11 acres will be met on-site through a combination of Phase I & II planting that was conducted by others, and via on-site plant installation during construction of this SWM Improvements Project.

PLAN VIEW
SCALE: 1"= 50'

TREE CONDITION ASSESSMENT GUIDELINES

EXCELLENT - healthy tree with exceptional growth form; no visible defects; well-formed crown; few minor dead branches acceptable; this tree condition is rare.

GOOD - healthy tree; very minor defects/decay acceptable with callous forming/complete; well-formed crown; minor lean and/or few minor/major dead branches acceptable; vines may be growing along trunk but not present within crown.

FAR - health questionable/stress evident; structurally sound tree; defects present that do not affect structural integrity; moderate lean; minor/major dead branches may be present; crown not broken out but not necessarily well formed or uneven; vines may be growing along trunk and within crown.

Ex. Fair tree could be experiencing insect damage, or exhibit a growth form that makes it very susceptible to wind damage in an open setting.

POOR - significant health problems; may be structurally unsound; may be dead or dying; may contain significant decay; may have broken or missing top/crown; may have heavy lean; vines may be significantly affecting tree health.

Note: These guidelines were developed in-house based on the professional judgment of our Certified Arborists and other senior environmental staff. These guidelines should be incorporated into documents (such as FSD's) whenever a tree assessment is conducted.

Note: Significant trees are identified as those 24-in DBH or greater. Specimen trees are those 30-in DBH or greater, or 75% of the state/county champion for that species.

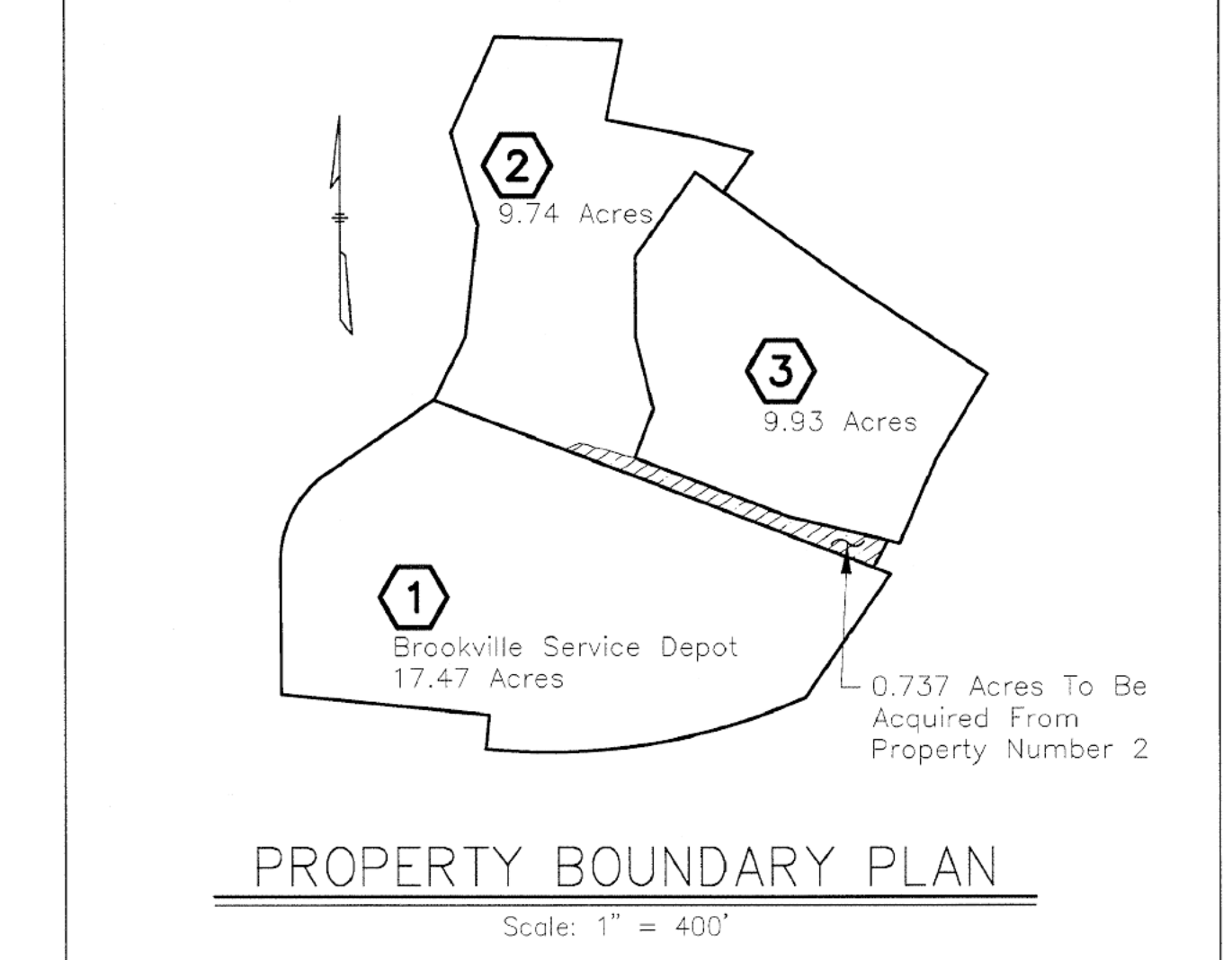
| SIGNIFICANT TREE TABLE | | | | | |
|------------------------|-----------------|-------------------------|----------|-------------------------|---------------------------------|
| ID # | Common Name | Botanical Name | DBH (in) | Critical Root Zone (ft) | Conditions/Remarks |
| T-2 | Shingle Oak | Quercus imbricaria | 24.5 | 36.75 | Good - removed |
| T-3 | Tulip Poplar | Liriodendron tulipifera | 33.5 | 50.25 | Good |
| T-4 | Tulip Poplar | Liriodendron tulipifera | 28 | 42 | Good |
| T-5 | Tulip Poplar | Liriodendron tulipifera | 29 | 43.5 | Good |
| T-6 | Black Locust | Robinia pseudoacacia | 28 | 42 | Poor - lean, damage |
| T-7 | Black Locust | Robinia pseudoacacia | 34 | 51 | Poor - removed |
| T-9 | Tulip Poplar | Liriodendron tulipifera | 29.5 | 44.25 | Good/Fair - removed |
| T-10 | Tulip Poplar | Liriodendron tulipifera | 24.5 | 36.75 | Good |
| T-11 | Tulip Poplar | Liriodendron tulipifera | 28.5 | 42.75 | Good - removed |
| T-12 | White Ash | Fraxinus americana | 27.5 | 41.25 | Fair - removed |
| T-13 | Black Locust | Robinia pseudoacacia | 34.5 | 51.75 | Good - removed |
| T-14 | Hemlock | Tsuga canadensis | 38 | 57 | Good - removed |
| T-15 | Silver Maple | Acer saccharinum | 35.5 | 53.25 | Good - removed |
| T-16 | White Ash | Fraxinus americana | 44 | 66 | Good - removed |
| T-17 | Black Locust | Robinia pseudoacacia | 30 | 45 | Fair/Poor - removed |
| T-18 | Black Locust | Robinia pseudoacacia | 23 | 34.5 | Fair/Poor - removed |
| T-19 | Black Locust | Robinia pseudoacacia | 25 | 37.5 | Fair/Poor - removed |
| T-20 | Tulip Poplar | Liriodendron tulipifera | 24 | 36 | Good |
| T-21 | Sycamore | Platanus occidentalis | 34 | 51 | Fair/Poor - leaning, vines, rot |
| T-22 | Royal Paulownia | Paulownia tomentosa | 26 | 39 | Good |
| T-23 | White Ash | Fraxinus americana | 24 | 36 | Fair |
| T-24 | Tulip Poplar | Liriodendron tulipifera | 30 | 45 | Good |
| T-25 | Bradford Pear | Pyrus calleryana | 26 | 39 | Fair- bole broken @ 4.5' |
| T-26 | Royal Paulownia | Paulownia tomentosa | 24 | 36 | Fair- midstem vines, rot |
| T-27 | Box elder | Acer negundo | 29 | 43.5 | Fair - vines |

LEGEND

| | | | |
|--|--|--|------------------------|
| | Deciduous Tree | | Soils Boundary |
| | Significant Tree With Critical Root Zone | | Wetland Buffer - 25ft |
| | Wetland Boundary | | Existing Contour |
| | Limits Of Disturbance | | Property Boundary |
| | Existing Vegetation Line | | Wetland Flags |
| | Tree To Be Removed | | Waters Of The US Flags |
| | Ex. Whip Area | | Pond 100-YR WSEL |
| | | | Tree Protection Fence |
| | | | Replacement Shade Tree |

| LANDSCAPE SCHEDULE | | | | | | |
|--------------------|-----|----------------|-------------|-----------|------|----------|
| KEY | QTY | BOTANICAL NAME | COMMON NAME | CAL | ROOT | SPACING |
| AS | 2 | Acer saccharum | Sugar Maple | 2"-2 1/2" | B&B | As Shown |

*Spacing adhered to where possible based upon underground utilities and overhead light locations.



RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
(410) 728-2900

Christy
MD QUALIFIED FOREST PROFESSIONAL

MONTGOMERY COUNTY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
255 ROCKVILLE PIKE SUITE 120
ROCKVILLE, MARYLAND, 20850

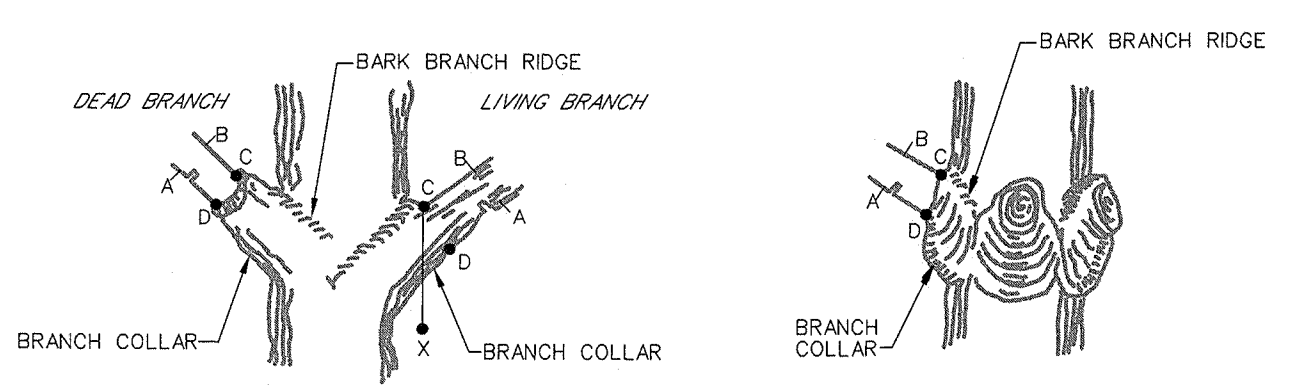
Designed By: KMG Drawn By: SEB Checked By: LN

BROOKVILLE BUS DEPOT
STORMWATER MANAGEMENT IMPROVEMENTS PROJECT

FINAL FOREST CONSERVATION PLAN AMENDMENT

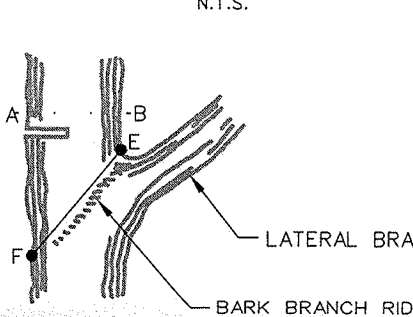
Date: APRIL 2011 DRAWING 1 OF 2

HARDWOODS CONIFERS-FOR LIVING OR DEAD BRANCH



- Notes:
1. Remove branch weight by undercutting at A and remove limb by cutting through AB.
 2. Remove stub at CD line between branch bark ridge and outer edge of branch collar.
 3. If D is difficult to find on hardwoods.
 4. Angle of CD to trunk should be the reflective angle of the bark branch ridge to the trunk.
 5. Remove no more than 30% of crown at one time.

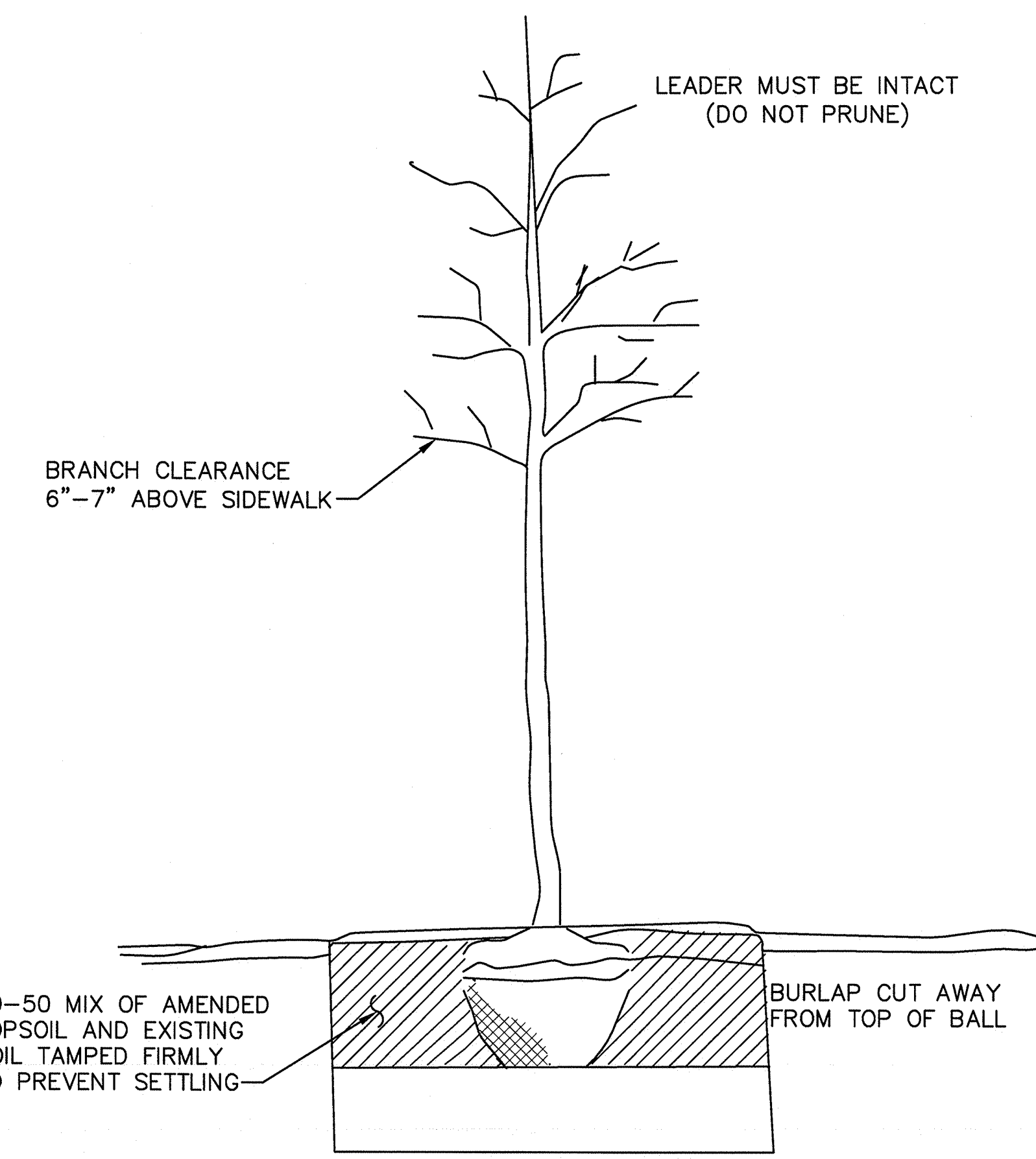
PRUNING A BRANCH
N.T.S.



- Notes:
1. Remove top weight by undercutting at A and remove limb by cutting through AB.
 2. Remove stub at CD parallel to the bark branch ridge.
 3. Only prune at specified times.
 4. No more than 30% of the crown to be removed at one time.
 5. Diameter of lateral branch should be no less than 1/3 of the diameter of the leader.

PRUNING A LEADER TO REDUCE SIZE
N.T.S.

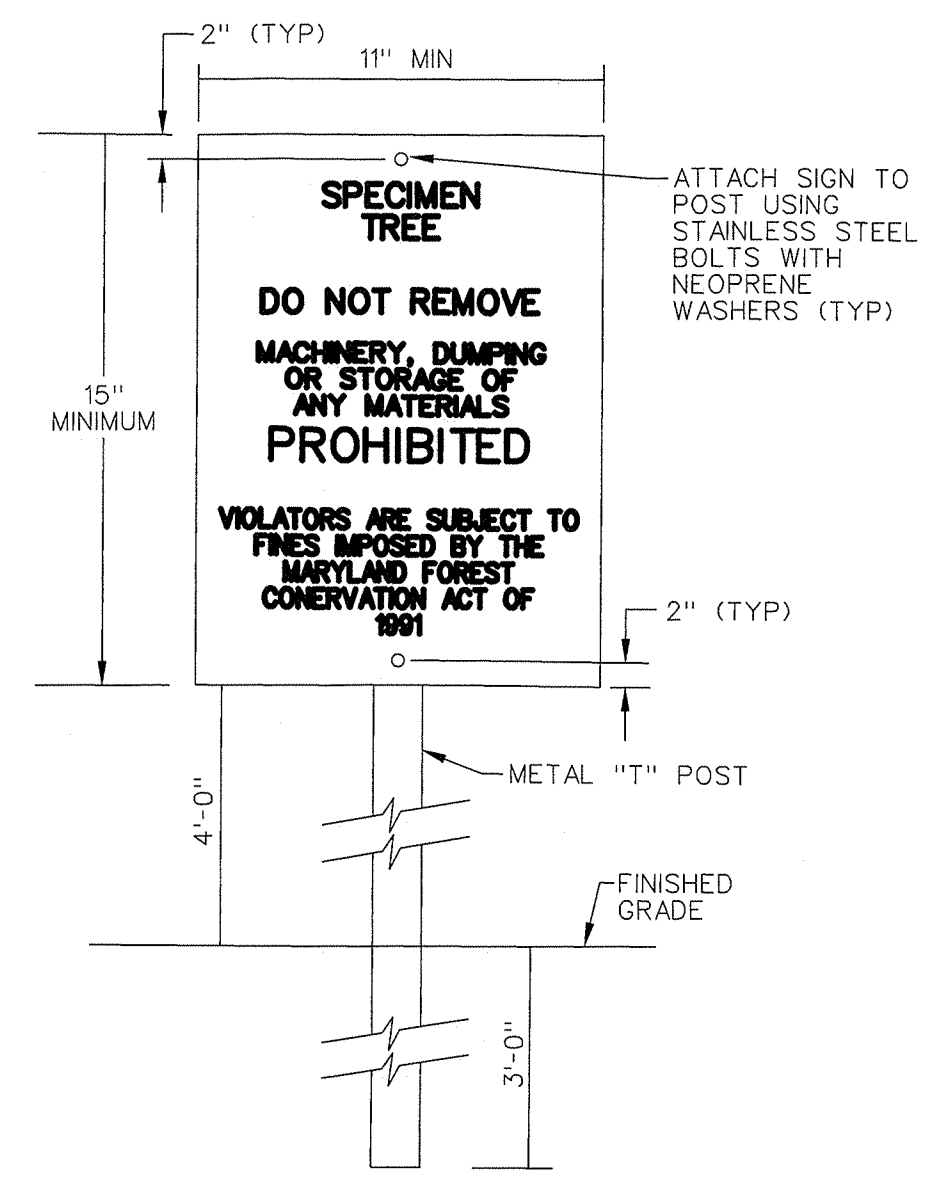
Source: Adapted from Steve Clark & Associates/ACRT, Inc.



50-50 MIX OF AMENDED TOPSOIL AND EXISTING SOIL TAMPED FIRMLY TO PREVENT SETTLING

BURLAP CUT AWAY FROM TOP OF BALL

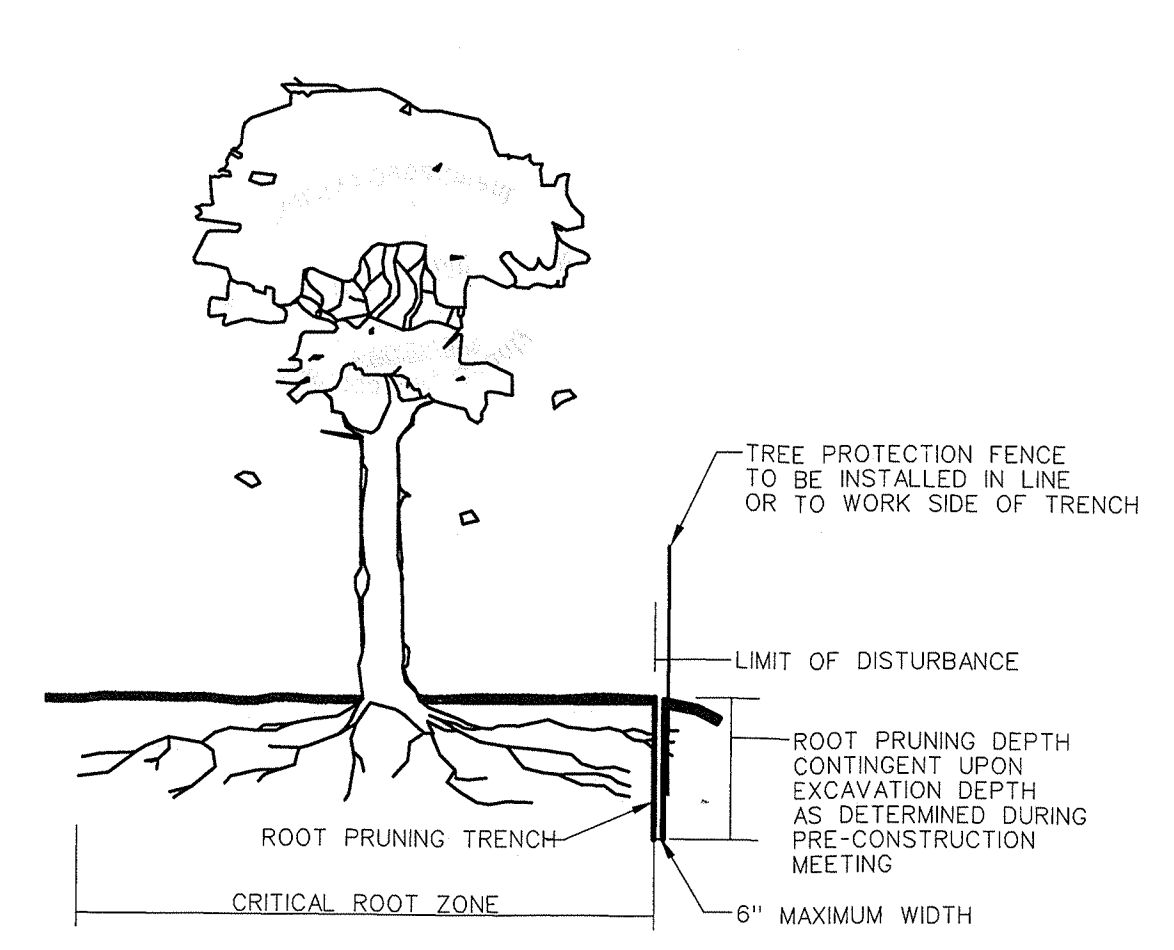
TREE PLANTING DETAIL
NOT TO SCALE



TREE PROTECTION SIGN DETAIL
N.T.S.

- Notes:
1. Bottom of signs to be higher than top of tree protection fence.
 2. Attachment of signs to tree is prohibited.
 3. Attach signs to metal 1\"/>

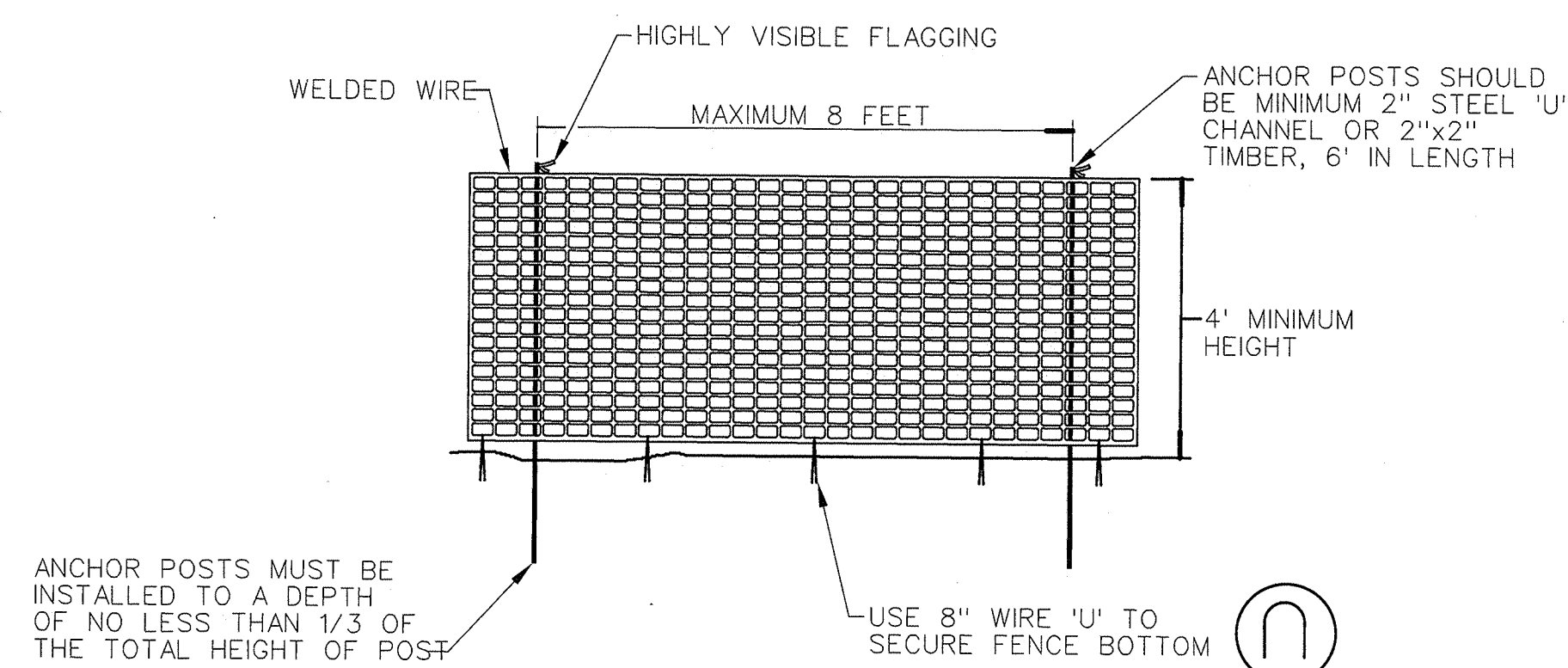
Source: Adapted from Forest Conservation Manual, 1991



ROOT PRUNING DETAIL
N.T.S.

- Notes:
1. Retention Areas to be established as part of the forest conservation plan review process.
 2. Boundaries of Retention Areas to be staked, flagged and/or fenced prior to trenching.
 3. Exact location of trench should be identified.
 4. Trench should be immediately backfilled with soil removed or organic soil.
 5. Roots should be cleanly cut using vibratory knife or other acceptable equipment.
 6. In some instances, it may be beneficial to perform root pruning at the edge of the sidewalk rather than at the LOD, provided the roots between the sidewalk edge and the LOD are protected during construction.

Source: Adapted from Steve Clark & Associates/ACRT, Inc. and Forest Conservation Manual, 1991



ANCHOR POSTS MUST BE INSTALLED TO A DEPTH OF NO LESS THAN 1/3 OF THE TOTAL HEIGHT OF POST

- NOTES:
1. Boundaries of retention area should be staked and flagged prior to installing device.
 2. Root damage should be avoided.
 3. Device should be maintained throughout construction.

TREE PROTECTION FENCE
N.T.S.

Sequence of Events for Property Owners Required to Comply With Forest Conservation and/or Tree-Save Plans

Pre-Construction

1. An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged, but before any clearing or grading begins. The property owner should contact the Montgomery County Planning Department inspection staff before construction to verify the limits of disturbance and discuss tree protection and tree care measures. The developer's representative, construction superintendent, ISA certified arborist or Maryland-licensed tree expert that will implement the tree protection measures, forest conservation inspector, and Department of Permitting Services (DPS) sediment control inspector should attend this pre-construction meeting.
2. No clearing or grading shall begin before stress-reduction measures have been implemented. Appropriate measures may include, but are not limited to:
 - a. Root pruning
 - b. Crown reduction or pruning
 - c. Watering
 - d. Fertilizing
 - e. Vertical mulching
 - f. Root aeration matting
 Measures not specified on the forest conservation plan may be required as determined by the forest conservation inspector in coordination with the arborist.
3. A Maryland-licensed tree expert or an International Society of Arboriculture-certified arborist must perform all stress reduction measures. Documentation of stress reduction measures must be either observed by the forest conservation inspector or sent to the inspector at 8787 Georgia Avenue, Silver Spring, MD 20910. The forest conservation inspector will determine the exact method to convey the stress reduction measures during the pre-construction meeting.
4. Temporary tree protection devices shall be installed per the Forest Conservation Plan/Tree Save Plan and prior to any construction activities. Tree protection fencing locations should be staked prior to the pre-construction meeting. 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. Temporary tree protect devices may include:
 - a. Chain link fence (four feet high)

- b. Super silt fence with wire strung between support poles (minimum 4 feet high) with high visibility flagging.
- c. 14 gauge 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with high visibility flagging.

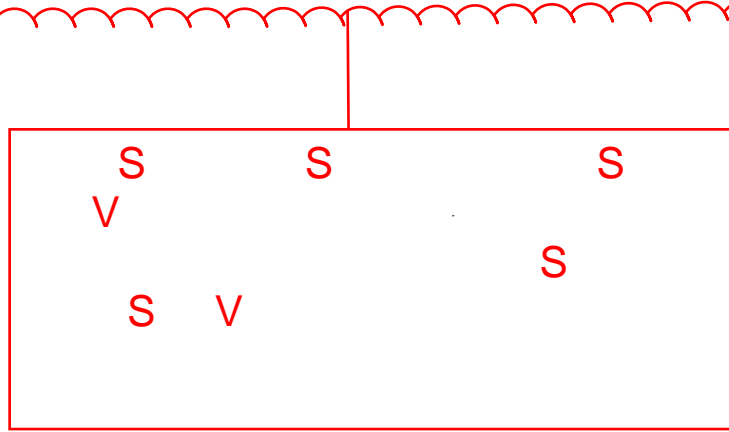
5. Temporary protection devices shall be maintained and installed by the contractor for the duration of construction project and must not be altered without prior approval from the forest conservation inspector. No equipment, trucks, materials, or debris may be stored within the tree protection fence areas during the entire construction project. No vehicle or equipment access to the fenced area will be permitted. Tree protection shall not be removed without prior approval of forest conservation inspector.
6. Forest retention area signs shall be installed as required by the forest conservation inspector, or as shown on the approved plan.
7. Long-term protection devices will be installed per the Forest Conservation Plan/Tree Save Plan and attached details. Installation will occur at the appropriate time during the construction project. Refer to the plan drawing for long-term protection measures to be installed.

During Construction

8. Periodic inspections by the forest conservation inspector will occur during the construction project. Corrections and repairs to all tree protection devices, as determined by the forest conservation inspector, must be made within the timeframe established by the inspector.

Post-Construction

9. After construction is completed, an inspection shall be requested. Corrective measures may include:
 - a. Removal and replacement of dead and dying trees
 - b. Pruning of dead or declining limbs
 - c. Soil aeration
 - d. Fertilization
 - e. Watering
 - f. Wound repair
 - g. Clean up of retention areas
10. After inspection and completion of corrective measures have been undertaken, all temporary protection devices shall be removed from the site. Removal of tree protection devices that also operate for erosion and sediment control must be coordinated with both the Department of Permitting Services and the forest conservation inspector. No additional grading, sodding, or burial may take place after the tree protection fencing is removed.



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
FINAL FOREST CONSERVATION PLAN

APPROVAL

Plan No. MR 2004801
Signature: *Rae Kana* Date: 6-7-11

Elexa Seal
MD QUALIFIED FOREST PROFESSIONAL

Forest Conservation Notes (from Phase I and II Approved FCP - MR2004801)

Planting:

1. a. Owner shall contact M-NCPPC Planting Department staff before planting.
b. Contractor to mow afforestation area and remove all invasive plants (i.e. multiflora rose, mulberry trees) and apply herbicide, only if determined necessary by M-NCPPC Planning Department inspector, to eliminate competition of weed seed prior to planting. M-NCPPC inspector will determine if additional measures are needed.
2. All plant material shall be approved by the Owner or duly appointed representative prior to planting. If plant material is not available, substitutions may be made with prior approval from the developer and Montgomery County.
3. Size and standards of plant material shall conform to latest edition of "USA Standards for Nursery Stock", by the American Association of Nurserymen, Inc. (AAN).
4. All plants shall be placed as to not obstruct drainage.
5. Plants shall be installed randomly in a triangular or staggered pattern (not in a straight line). Container stock shall be spaced minimum 8-12 feet on center. Bare root stock shall be spaced minimum 6-8 feet on center. See detail Slow release fertilizer (osmocote 10-10-5) shall be applied at the time of planting at the rate of 600 lbs. per acre.
6. The Contractor shall notify the Owner prior to installation of plant material if field conditions exist that would adversely affect plant performance, or interfere with proper planting procedures.
7. All trees shall be located a minimum distance of 5' from all utility boxes, 5' from a storm drain inlet or manhole, 10' from a fire hydrant, 15' from any public street light, and 5' from any driveway aprons.
8. Remove litter and debris as required during the first growing season and at the beginning of the second growing season.
9. Plants shall be installed only between the months of January and May and between September and December when the ground is not frozen. Plants shall be guaranteed for a one-year period from the time of installation. Any replacement must be installed as above.
10. All disturbed areas within the Forest Conservation easement to be seeded with Southern Tier Consulting, Inc. (716-968-3120). Native/Naturalized Wildflower Seed Mix (Northeast) shall be applied at a rate of 23 pounds per acre.
11. After planting is complete, M-NCPPC inspector must inspect the planted area to determine if planted area is acceptable and required maintenance period may begin or whether additional measures are needed in order for the planted area to be accepted. At the discretion of the MNCPPC inspector, up to one-half of the financial security may be released if stock and planted area is in good condition.

Maintenance:

1. The plant material shall be maintained by the owner/developer for two years after the completion. Maintenance shall consist of:
 - A. Remove and replace all dead or diseased vegetation.
 - B. Remove all invasive, non-native plants.
 - C. Necessary watering, fertilization, or pest control.
 - D. Shall not be mowed unless directed by Montgomery County.
2. Maintenance of the afforestation/reforestation area for a period of two years is required per the Montgomery County Tree Technical Manual. During this maintenance period, the health and vigor of the plantings shall be monitored and may include the need to specify actions to correct existing problems. The following inspection schedule shall be carried out:
 - Year 1 and 2: Two inspections per year. Inspect in the beginning of the growing season (May or June), and inspect at the end of the growing season (September or October).
 - At the end of the second year, the survival rate of all the afforestation/reforestation areas shall be 100% of the total trees planted; additional plant material may be required to bring the total count up to 100%.
3. At the end of the maintenance period, a final inspection shall be set up at the site with the Owner or owner's representative and a M-NCPPC staff member to ensure that the required afforestation/reforestation survival rate has been achieved.

INSPECTIONS

All field inspections must be requested by the applicant. Inspections must be conducted as follows:

Tree Save Plans and Forest Conservation Plans without Planting Requirements

1. After the limits of disturbance have been staked and flagged, but before any clearing or grading begins
2. After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin.
3. 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.

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.

RK&K
RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
(410) 728-2900

MONTGOMERY COUNTY PLANNING DEPARTMENT
THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

September 15, 2009

Robert Stout
Department of General Services
101 Monroe Street, 11th Floor
Rockville, MD 20850

Re: Revised Forest Conservation Plan
Project Name: Brookville Service Park
Plan Number: MR2004801

Dear Mr. Stout:

On July 23, 2009, the Montgomery County Planning Department received a revised Final Forest Conservation Plan for Brookville Service Park. This plan includes a 3.83 acre planting requirement. The revised Final Forest Conservation Plan is now approved and subject to the following conditions:

1. Inspections must occur consistent with Section 110 of the forest conservation regulations.

This letter must appear on all reproduced copies of the approved Final Forest Conservation Plan. Any changes from the approved Final Forest Conservation Plan may constitute grounds to rescind or amend any approval actions taken, and to re-evaluate the site for additional or amended plantings. If there are any subsequent additions or modification planned for this project, a separate amendment must be submitted to M-NCPPC for review and approval prior to those changes occurring. If you have any questions regarding these actions, please feel free to contact Joshua Penn at 301-495-4546.

Sincerely,
Stephen Federline
Stephen Federline,
Master Planner
Environmental Planning

Cc: File # MR2004801
Frank Johnson, MHG 301-948-0693

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
DEPARTMENT OF PARK AND PLANNING

DESIGNED BY: KMG Drawn By: SEB Checked By: LN

BROOKVILLE BUS DEPOT
STORMWATER MANAGEMENT IMPROVEMENTS PROJECT

M-NCPPC RECORD FILE NO. _____

DATE APPROVED: _____

ENGINEERING SUPERVISOR _____

THIS IS NOT A PERMIT TO BEGIN CONSTRUCTION

THIS approval is for Technical Review only. For permit information, contact the State Highways Inspection Supervisor at (301) 495-2558

MONTGOMERY COUNTY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
255 ROCKVILLE PIKE SUITE 120
ROCKVILLE, MARYLAND, 20850

FINAL FOREST CONSERVATION PLAN AMENDMENT

May 8 2011

Date: APRIL 2011 DRAWING 2 OF 2