

BUILDING DEPARTMENT - APPLICATION/PERMIT
VILLAGE OF TUXEDO PARK-LORILARD ROAD-TUXEDO PARK, N.Y. 10987 845-351-4745

PROPERTY LOCATION - SECTION 106 BLOCK 1 LOT 7

OWNER: Schmidtburgers PROPERTY STREET ADDRESS East Lark R.D 36

MAILING ADDRESS 36 East Lark R.D Tuxedo Park TELEPHONE 914 351 1220

NATURE OF CONSTRUCTION NEW ALTERATION ADDITION RECONSTRUCTION

ACCESSARY USE OTHER-DESCRIBE Turn Warm Jut

IF STRUCTURE BRIEF DESCRIPTION

ESTIMATED COST OF CONSTRUCTION \$ 30,000

THE OWNER AGENT William Fairclough CERTIFIES THAT HE IS THE OWNER OR AGENT OF ALL THAT CERTAIN LOT, PIECE OR PARCEL OF LAND AND OR BUILDING DESCRIBED IN THE APPLICATION AND IF NOT THE OWNER THAT HE HAS BEEN DULY AND PROPERLY AUTHORIZED TO MAKE THIS APPLICATION AND TO ASSUME RESPONSIBILITY FOR THE OWNER IN CONNECTION WITH THIS APPLICATION AND AGREES THAT THE VILLAGE OF TUXEDO PARK ZONING ORDINANCE AND STATE OF NEW YORK BUILDING CODES, AND THAT HE COMPLIES WITH AS WELL AS ANY OTHER REGULATIONS RELATING TO THE CONSTRUCTION OF USE OF THE PROPOSED BUILDING AND LAND HERE IN DESCRIBED.

NOTARY Registration No. 01LE5053631

Qualified in Orange County

Commission Expires DECEMBER 26, 2007

**** SIGNED

REGISTERED ARCHITECT OR LICENSED ENGINEER NAME

ADDRESS

TELEPHONE

BUILDING OR CONTRACTOR BANTLAT Tack Service

ADDRESS

TELEPHONE

BUILDERS INSURANCE INFORMATION: WORKMENS COMPENSATION

LIABILITY

AGENT OR COMPANY

ADDRESS

TELEPHONE

VILLAGE CLERK: DATE RECEIVED 2/17/08 FEE PAID CLC #55853 \$200

BUILDING INSPECTOR: PRELIMINARY INSPECTION- APPROVED DISAPPROVED

DATE 2/17/08 COMMENTS

BOARD OF ARCHITECTURAL REVIEW: APPROVED DISAPPROVED - DATE

SIGNATURES

AHRB. COMMENTS

BOARD OF TRUSTEES: APPROVED DISAPPROVED -- DATE

SIGNATURES

TRUSTEES COMMENTS:

I HAVE EXAMINED THIS APPLICATION AND THE PLANS (BUILDING AND PLOT) THAT ARE A PART OF THIS APPLICATION AND FIND THAT THEY ARE IN COMPLIANCE WITH THE VILLAGE OF TUXEDO PARK ZONING ORDINANCE AND HEREBY ISSUE THIS BUILDING PERMIT.

PERMIT # 2008-0001 DATE OF ISSUE 2/17/08 EXPIRATION DATE

SIGNED-BUILDING INSPECTOR/CODE ENFORCEMENT OFFICER

John Ledwith

Subject: FW: Schmidtberger property tree survey, 36 East Lake Rd.
Attachments: 2026 McGowan - Schmitburger Inventory Final.pdf; Bartlett Tree Experts, Schmudtberger, 36 East Lake Rd. proposal.pdf; Building Permit Application Package - rev 1-10-19.pdf

From: John Ledwith
Sent: Thursday, September 10, 2026 1:26 PM
To: 'Bill Fairclough' <bluewaters1@icloud.com>
Cc: Margie Sung <msung201nyc@gmail.com>; 'Schmidtberger, Michael' <mschmidtberger@sidley.com>
Subject: Schmidtberger property tree survey, 36 East Lake Rd.

Bill,

I have reviewed the attached plans that you submitted to me that were prepared by Bartlett Tree Experts. As the plans call for removal of as many as many as 24 trees listed on page 89 of the Bartlett Tree Inventory and Management Plan 2026, in accordance with Village Code §100-14 Trees (copied below), removal of more than four live trees over five inches in diameter, as measured 48 inches above the ground, in any calendar year requires approval from the Board of Architectural Review and a permit from the Board of Trustees.

§ 100-14 Trees

Trees shall not be removed for any commercial purposes. No lot owner or agent shall be permitted to remove or top more than four live trees over five inches in diameter, as measured 48 inches above the ground, in any calendar year without approval from the Board of Architectural Review and a permit from the Board of Trustees. During new construction, trees may be removed only in the approved building area and along the approved driveway course to said building. Normal trimming or pruning of low branches may be carried out without a permit therefor.

Please complete the attached building permit application and submit with the \$200 application fee by September 25, 2026 in order for me to place you on the October 5, 2026 Board of Architectural Review meeting agenda. You may also want to give some thought on scheduling a site visit for those board members that want to view the trees before deciding upon their removal.

Regards,
John Ledwith
Building & Land Use Officer
Village of Tuxedo Park
80 Lorillard Rd.
Tuxedo Park, NY 10987
jledwith@tuxedopark-ny.gov
(O) 845-351-4745 ext. 2
(F) 845-351-2668
(C) 845-913-8821



Client: 2340951

Mr Mike Schmitburger
36 East Lake Road
Tuxedo Park, NY 10987

Printed on: 8/18/2026

Created on: 8/18/2026

Bartlett Tree Experts
Mike McGowan - Representative
2240 Saw Mill River Road
Elmsford, NY 10523
Business: 914-592-4520
Fax Number: 914-592-5068
Mobile Phone: 914-879-9754
Bus. Reg. ID: 00529

NY Applicator Certification No.: C3851678 / C3809904

The following program is recommended for certain trees and shrubs on your property. In addition to a thorough plant health care program, or the specific services recommended, Bartlett Tree Experts also recommends having a tree risk assessment qualified arborist conduct a tree risk assessment on your property periodically to assist you in identifying potential risks of tree or limb failure and the potential consequences of such tree or limb failure relating to your trees and shrubs. An inspection of trees or shrubs for the purpose of writing a recommendation or conducting plant health care or tree care services is not a tree risk assessment. THIS IS NOT AN INVOICE.

Tree and Shrub Work:

Removal

Cut down the following tagged property items:

- Oak 384 located at the front of property near road
- Maple 481 located at the front of property
- Maple 485 located at the front of property
- Tulip 390 located at the front of property near road
- Spruce 510 located at the front of property
- Beech 9 located at the left side of property on driveway
- Hemlock 37 located at the left rear of property
- Oak 48 located at the left rear of property
- Hemlock 103 located at the left rear of property
- Poplar 156 located at the back of property
- Hemlock 230 located at the right side of property
- Maple 244 located at the right side of property
- Maple 258 located at the right side of property
- Maple 277 located at the right front of property
- Hemlocks 279-282 located at the right front of property
- Maple 296 located at the right front corner of property
- Maple 307 located at the right front of property
- Hornbeam 386 located at the front of property
- Ash 400 located at the left front of property

Client: 2340951

Printed on: 8/18/2026

Created on: 8/18/2026

- Sassafras 427 located at the left front of property

Leave stumps as close to grade as possible. Remove resulting debris.

Arborist Notes:

- Does not include stump grinding. To be discussed with client when trees are removed.

Includes all disposal fees

Tree and Shrub Work: Phase 1

Natural Pruning

Species	Location
Tagged trees	entire property

Goals:

- Reduce risk of branch failure

Specifications:

- Remove dead, declining, broken branches as needed, 2-12 inch diameter cut(s), entire canopy
- Remove all debris

Arborist Notes:

- Tree species and inventory #s:

Spruce 1, Maple 3, Tulip 20, Beech 22, Spruce 27, Spruce 28, Hemlock 29, Maple 31, Oak 39 (install support cable), Hemlock 54, Hemlock 57, Hemlock 80, Pine 81, Oak 157, Oak 163, Oak 164, Oak 165, Oak 166, Oak 167, Oak 168, Oak 169, Oak 170, Pine 198, Oak 199, Maple 250 (install support cable), Oak 263, Hemlock 265, Tulip 266, Tulip 273, Hickory 299, Tulip 303, Hickory 304, Oak 308, Oak 309, Oak 350, Oak 351 (install support cable), Maple 352, Oak 311 (install support cable), Oak 329 (install support cable), Oak 331 (cable), Tulip 341, Tulip 355, Tulip 358, Tulip 389, Tulip 393, Oak 396, Oak 397, Oak 398, Tulip 393 (cable), Tulip 423, Spruce 431, Tulip 439, Maple 440, Cedar 446, Cedar 447, Tulip 463, Tulip 464, Tulip 465, Tulip 471, Maple 480, Tulip 384, Spruce 508, Spruce 509, Maple 511, Spruce 513, Spruce 514, Spruce 515, Spruce 516

Client: 2340951

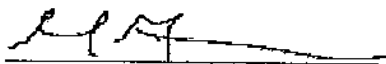
Printed on: 8/18/2026

Created on: 8/18/2026

Notice to Consumer

You, the buyer, may cancel this transaction at any time prior to midnight of the third business day after the date of this agreement. See the attached notice of cancellation form for an explanation of this right.

Please review the terms and conditions attached, which become part of the agreement, and sign and return one copy authorizing the program.

(Customer Signature)


(Bartlett Representative - Mike McGowan)

(Date)
8/18/2026

(Date)

* Sales tax added where applicable. Prices are guaranteed if accepted within thirty days.
All accounts are net payable upon receipt of invoice.

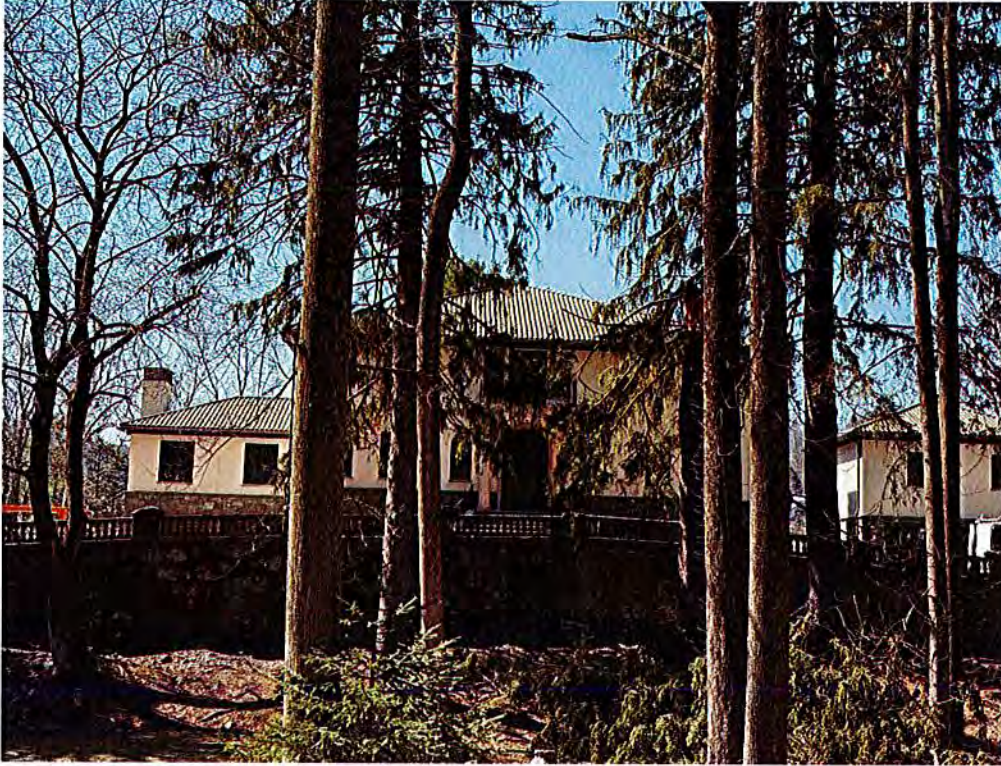
Work is done in accordance with ANSI A300 Tree Care Standards.

To access a certificate of liability insurance for Bartlett Tree Experts, please navigate to <http://www.bartlett.com/BartlettCOL.pdf>

A Job Site Safety Analysis was completed for your property, please contact your arborist for further details.

Bartlett Tree Experts does not sell client information to third parties. However, Bartlett may need to retain client information for digital advertising purposes. For further information on the type of client information collected, the purpose for which information may be used, and any client's ability to access and/or opt out of such use, please visit Bartlett's privacy policy on our website: <https://www.bartlett.com/privacy-policy.cfm>

Mike Schmitburger Tree Inventory and Management Plan | 2026



Submitted by:
Bartlett Tree Experts

Keith Bimbi, Field Consulting Arborist

ISA Certified Arborist #NJ-0891A, ISA Tree Risk Assessment Qualified, Certified Treecare
Safety Professional #1667, NJ Licensed Tree Expert #594

Michael McGowan, Arborist Representative

ISA Certified Arborist #WE-3167A



**BARTLETT
TREE EXPERTS**

SCIENTIFIC TREE CARE SINCE 1907

Bartlett Tree Experts
Elmsford Office
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Mike Schmitburger Tree Inventory and Management Plan

MAKING THE MOST OF YOUR INVENTORY MANAGEMENT PLAN

Those who operate a large business or institution understand how inventory impacts operations and budgeting. One must know what's there, how much or how many, and where it all is. But the task doesn't end there. To obtain the greatest benefit from inventory, owners or their designees must manage it. Are a company's tools, for example, old and defective, in need of repair, in short supply, or useless and taking up space that could be better occupied? A good management plan will address these issues and keep the inventory current, in good condition, and functioning for the benefit and safety of those involved.

Managing trees on a large property can seem like an overwhelming task, but the same principles of inventory management apply. This inventory and management plan should provide managers the data they need to develop realistic budgets for their tree maintenance needs, and it will help make the Schmitburger a safer and more beautiful environment.

The following tips will assist you in making the most of this document:

Who's Who

Those who conducted the inventory and prepared this document are members of the Bartlett Consulting team. They are also employees of Bartlett Tree Experts. The Bartlett Consulting team is overseen by Consulting Advisors, strategically placed throughout the company footprint. The advisors are primarily charged with client support, coordination, quality control, and documentation of inventories and the related data. Extensively trained Consulting Arborists from local Bartlett Tree Experts offices are the primary data collectors and authors of the management plans. Readers may interpret the terms "Bartlett Tree Experts," "Bartlett," "the Inventory Team," "the team," "we," and "our" as the Bartlett company and those who conducted the inventory and prepared this management plan. In addition to the primary author(s) listed on the cover page, Team Member(s) involved in this project included:

Consulting Advisor

Andrew Mink, Consulting Advisor

ASCA Registered Consulting Arborist #803, ISA Board Certified Master Arborist, Utility Specialist and Urban Forestry Specialist #MA-5387BUM

ISA Tree Risk Assessment Qualified, New Jersey Licensed Tree Expert #620

Subject Trees

In this document, the term "subject trees" refers (depending on context) to some or all of the 524 trees included in the inventory.

Definitions & Bolded Terms

Some definitions or specifications are detailed within a given section to explain how readers should interpret certain terms or classifications. We have also appended a Glossary for other terms that appear throughout the document. The first reference to each of these terms appears in **bold** for the reader's convenience.

How This Document is Organized

An outline appears below that introduces the order in which the sections of the management plan will appear. The management plan layout is as follows:

- **Table of Contents**
 - Road map for the management plan
- **Making the Most of Your Inventory Management Plan**
 - Explanations for how to efficiently and effectively understand and navigate this management plan document
- **Executive Summary**
 - Synopsis of the major findings and recommendations
- **Introduction**
 - Brief explanation of the inventory and what was included
- **Goals & Objectives**
 - Explanation of the specific goals and objectives for this inventory
- **Data Collection & Tree Inspection Methodology**
 - Lists, explanations, and definitions of all data collected during the inventory
- **Stand Dynamics Results**
 - Summary information for the entire tree population inventoried
- **Recommendations**
 - Summary of all recommendations made during the inventory including associated table and map displays, explanations and examples, and figures if applicable
- **Defects or Observations**
 - List of all trees observed to have defects in the field in a table view with associated descriptive figures and maps if applicable

- **Entire Inventory**
 - List of all trees collected in a table display
- **Additional Resources**
 - Listing of all appended items for this management plan

EXECUTIVE SUMMARY

In April 2026, the Bartlett Consulting Team from Bartlett Tree Experts conducted an inventory of trees on the Schmitburger property. We identified 524 trees which included 33 species. The attributes that we collected include tree latitude and longitude, size, age and condition class, and a visual assessment of tree structure, health, and **vigor**.

We conducted the attribute collection using a sub-meter accuracy Global Navigation Satellite System (GNSS) receiver with an error-in-location potential of not greater than three meters. Our recommendations for the subject trees are based on the number of desired management cycles. All tree work activities will comply with current American National Standards Institute (ANSI) Z133.1 requirements for safety.

Soil Sampling

Taking soil samples throughout planting beds and actively managed areas. Soil analysis provides information on the presence of soil nutrients, pH, organic matter, and cation exchange capacity.

Bulk Density Sampling

Taking bulk density samples throughout planting beds and actively managed areas to determine the amount of soil compaction.

Soil Rx®

Apply Bartlett's Soil Rx® program to 19 trees (4%) to correct nutrient deficiencies and optimize soil conditions for the designated trees.

Root Invigoration™

Perform Bartlett's patented Root Invigoration™ on 4 trees (1%) to improve aeration and promote more efficient root growth, especially for high-value trees in disturbed areas.

Mulching

Wherever possible, apply 2-4 inches of mulch within the root zone to help moderate soil temperatures, reduce soil moisture loss, reduce soil compaction, provide nutrients, improve soil structure, and keep mowers and string trimmers away from tree trunks. The best mulch materials are wood chips, bark nuggets, composted leaves, or pine needles. To avoid potential disease problems, mulch should not be placed directly against the trunk.

Root Collar Excavations

Perform **root collar** excavations to 4 trees (1%) to lower risk of damaging conditions such as **girdling roots**, basal cankers, masking of root decay and lower-stem decay, and predisposing trees to various insect and disease pests.

Plant Health Care (PHC)

Implement Bartlett's PHC program to monitor pests and diseases on the subject trees. Treatments are therapeutic and preventive, and treatment timing is based on pest life cycle.

Pruning

Prune 290 trees (55%) for safety, health, structure, and appearance. Pruning will comply with current ANSI A300 standard practices for pruning.

Structural Support

There are structural support system recommendations for 13 trees (2%) to reduce risk of branch or whole tree failure. All structural support systems will comply with current ANSI A300 standard practices for supplemental support systems.

Lightning Protection

At the time of inventory, no trees were recommended for lightning protection systems. However, as trees continue to grow and site changes occur, we recommend continual consultation with your local Bartlett Arborist Representative to determine if lightning protection systems are warranted in the future.

Removals

Remove 24 trees (5%) due to condition or because of their location in relation to other trees to try and prevent competition or damage to infrastructure.

Vine Removal

Remove vines from 50 trees (10%) to try and prevent them from hiding defects.

INTRODUCTION

In April 2026, Mr. Mike Schmitburger at 36 East Lake Road, Tuxedo Park, New York retained Bartlett Tree Experts to perform an inventory of trees on the Schmitburger property. Team member Keith Bimbi visited the site on April 6 and April 10, 2026, to conduct the inventory.

The inventory included:

- identifying trees and assigning a Tree ID number (Tree ID numbers ranging from 1 to 524);
- identifying the trees' condition, health, and vigor;
- recommending tree care, soil care, structural support, and pest management treatments to promote tree safety, health, appearance, and longevity; and
- mapping the trees using GNSS hardware and Geographic Information System (GIS) software, and Bartlett Tree Experts' ArborScope™ web-based management system

The methods and procedures we used to make the above determinations and recommendations are detailed in the following sections.

GOALS & OBJECTIVES

An effective management plan communicates clear goals and the specific objectives designed to carry out those goals. We intend "goal" to mean the overall aim or result we expect to achieve for the client in producing the inventory and management plan. The objectives are the specific actions taken or recommended to support goal completion. The table below describes each goal and its corresponding objective(s).

GOALS & OBJECTIVES

GOAL	OBJECTIVES TO ACCOMPLISH GOAL
Establish the tree inventory (per numbers agreed) on the Schmitburger property.	• Using Trimble® Catalyst DA2 GNSS receiver and ArborScope™ Inventory Management Tools, collect data such as tree name, location, size, age class, and condition class. • Assign a Tree ID number to each tree inventoried.
Provide mechanism for managing inventory, recommendations, and related budget planning.	• Provide map or maps of the inventoried trees to assist the client in managing property areas. • Submit a comprehensive management plan that documents and organizes findings and provides other resources to assist the client in efficient use of the information.
Maximize client understanding and implementation of management plan.	• Include in management plan specific explanations and visuals related to plan recommendations. • Provide appended resources that address health, procedures, and standards related to tree care. • Make periodic contact with client to follow up and answer any questions about the management plan's contents.
Maximize immediate and long-term tree health and aesthetics.	Implement recommended plant-health-care program that uses • integrated pest management • soil care • maintenance pruning

DATA COLLECTION & TREE INSPECTION METHODOLOGY

In conducting the inventory, we used specialized equipment and software and followed specific procedures to determine tree characteristics, and recommendations. The following explanation will assist the reader in interpreting the findings of this management plan.

Data Collection Equipment & Attribute Data

The Inventory Team used Trimble® Catalyst DA2 GNSS receivers, TerraFlex® and Connect software, and Bartlett Tree Experts' ArborScope™ web-based management system to inventory the trees. The attribute data we collected on site are listed below.

- botanical name and regional common name according to local ISA Chapter Tree Species List
- tree location based on GPS coordinate system
- tree ID number
- diameter at breast height (DBH)
- canopy radius
- age class

- height class
- condition class
- root zone infringement, based on **dripline** and estimated **grayscale** (e.g., sidewalks) impact on root zone
- infrastructure interaction (between trees and grayscale that may cause an undesirable condition)
- Tree & Shrub Work phase (based on number of desired management cycles)
- pruning category
- need for and inspection of existing structural support systems
- need for and inspection of existing lightning protection systems
- tree removals
- soil care recommendations
- plant health care recommendations
- noted defects/observations
- observed pests/diseases

Specifications/Definitions

Age Class

New Planting	Tree not yet established
Young	Established tree but not in the landscape for many years
Semi-mature	Established tree but has not yet reached full growth potential
Mature	Tree within its full growth potential
Over-mature	Tree that is declining or beginning to decline due to its age

Height Class

Small	Less than 15 feet
Medium	15 to 40 feet
Large	Greater than 40 feet

Condition Class

Dead	
Poor	Most of the canopy displays dieback and undesirable leaf color, inappropriate leaf size, or inadequate new growth. Tree or parts of tree are in the process of failure.
Fair	Parts of canopy display undesirable leaf color, inappropriate leaf size, and inadequate new growth. Parts of the tree are likely to fail.
Good	Tree health and condition are acceptable.

Tree & Shrub Work Phase

Tree & Shrub Work phase takes into consideration tree species, condition, location, age, and proximity to infrastructure. We intend for this rating system to assist decision makers in prioritizing tree pruning, cabling, and bracing, and tree lightning protection recommendations. *Trees with an ASAP and an overall tree risk rating of extreme or high (see definitions in the next section) should be addressed immediately.* Prioritization does not take into account any budgetary or financial considerations.

Phase 1, 2, 3, 4, and 5 are all based on observations by the inventory arborist according to the manager's goals. The following additional information clarifies each priority:

Phase 1	Typically addressed in the first management cycle. Trees located in high-use sites, have a high aesthetic value, and/or parts that are currently in conflict with infrastructure.
Phase 2	Typically addressed in the second management cycle. Trees with moderate aesthetic value, and/or parts that are anticipated to be in conflict with infrastructure.
Phase 3	Typically addressed in the third management cycle. Tree parts that are anticipated to be in conflict with infrastructure and/or recommendations based on anticipated growth.
Phase 4	Typically addressed in the fourth management cycle. Recommendations are for future consideration and anticipated growth.
Phase 5	Typically addressed in the fifth management cycle. Recommendations are for future consideration and anticipated growth.

Pruning Category

All trees identified in this management plan that have tree care recommendations are listed within a specific pruning category. Trees within each pruning category can be prioritized by the specific goals of the manager. It is recommended that specific goals be discussed prior to any pruning.

Maintenance	This goal typically requires routine pruning of large/mature trees. Includes branch removal and/or branch reduction to help reduce <i>likelihood of failure</i> and/or conflict with infrastructure. Trees with this goal are typically climbed or require the use of aerial lifts and/or other specialized equipment.
Developmental	This goal typically requires routine pruning of small/young trees. Includes structural pruning to develop a strong central stem, establish proper branch spacing, and/or develop branch structure.
Ornamental	This goal typically requires pruning of small trees. Includes reduction and/or shearing to its desired shape, size, and/or structure.
Specialized	Trees with this goal require a unique treatment that may include, but not limited to, targeted pruning cuts, removal of nuisance fruit/parasitic plants, and/or rejuvenation/internodal pruning.

* The listed descriptions of goals, tools, and/or techniques are not limited to these definitions. Specific individual goals and species profiles should guide the pruning recommendations.

STAND DYNAMICS RESULTS



STAND DYNAMICS RESULTS

In reviewing the results and recommendations, the reader will find useful the specifications and definitions detailed in the preceding methodology above. We used the following categories to organize the stand dynamics results, which are displayed in tables:

- **Subject Trees Summarized According to:**
 - Tree Species Identified
 - Condition Class
 - Age Class
 - Tree Size per DBH
 - Estimated Tree Asset Value

Where appropriate, we have included explanations, photos, drawings, or other information to illuminate the table contents.

Stand Dynamics

Tree Species Identified

Our inventory revealed 33 species of trees, as detailed in the following table:

TREE SPECIES IDENTIFIED

Genus	Species	Common Name	Count	% Distribution Total
<i>Acer</i>	<i>palmatum</i>	Maple-Japanese	4	1%
	<i>platanooides</i>	Maple-Norway	27	5%
	<i>rubrum</i>	Maple-Red	24	5%
	<i>saccharum</i>	Maple-Sugar	16	3%
Acer Total			71	14%
<i>Aesculus</i>	<i>hippocastanum</i>	Horsechestnut-Common	1	< 1%
<i>Betula</i>	<i>alleghaniensis</i>	Birch-Yellow	4	1%
	<i>lenta</i>	Birch-Sweet	114	22%
	<i>populifolia</i>	Birch-Gray	1	< 1%
Betula Total			119	23%
<i>Carya</i>	<i>glabra</i>	Hickory-Pignut	1	< 1%
	<i>ovata</i>	Hickory-Shagbark	1	< 1%
Carya Total			2	< 1%
<i>Cornus</i>	<i>florida</i>	Dogwood-Flowering	1	< 1%
<i>Fagus</i>	<i>grandifolia</i>	Beech-American	6	1%
<i>Fraxinus</i>	<i>americana</i>	Ash-White	1	< 1%
<i>Liriodendron</i>	<i>tulipifera</i>	Tuliptree	115	22%
<i>Maclura</i>	<i>pomifera</i>	Osage Orange	1	< 1%
<i>Magnolia</i>	<i>x soulangeana</i>	Magnolia-Saucer	2	< 1%
<i>Malus</i>	sp.	Crabapple	1	< 1%
<i>Nyssa</i>	<i>sylvatica</i>	Tupelo-Black	1	< 1%
<i>Ostrya</i>	<i>virginiana</i>	Hophornbeam-American	1	< 1%
<i>Picea</i>	<i>abies</i>	Spruce-Norway	23	4%
<i>Pinus</i>	<i>strobus</i>	Pine-Eastern White	5	1%
<i>Populus</i>	<i>deltoides</i>	Poplar-Eastern	1	< 1%
<i>Prunus</i>	<i>serotina</i>	Cherry-Black	1	< 1%
<i>Quercus</i>	<i>montana</i>	Oak-Chestnut	7	1%
	<i>palustris</i>	Oak-Pin	5	1%
	<i>rubra</i>	Oak-Northern Red	48	9%
	<i>velutina</i>	Oak-Black	11	2%
Quercus Total			71	14%
<i>Sassafras</i>	<i>albidum</i>	Sassafras-Common	4	1%
<i>Syringa</i>	sp.	Lilac	1	< 1%
<i>Thuja</i>	<i>occidentalis</i>	Arborvitae-White Cedar	11	2%
<i>Tilia</i>	<i>americana</i>	Linden-American	1	< 1%
<i>Tsuga</i>	<i>canadensis</i>	Hemlock-Canadian	83	16%
<i>Ulmus</i>	<i>americana</i>	Elm-American	1	< 1%
Grand Total			524	100%

2026 TREE INVENTORY - NORTH



2026 TREE INVENTORY - SOUTH

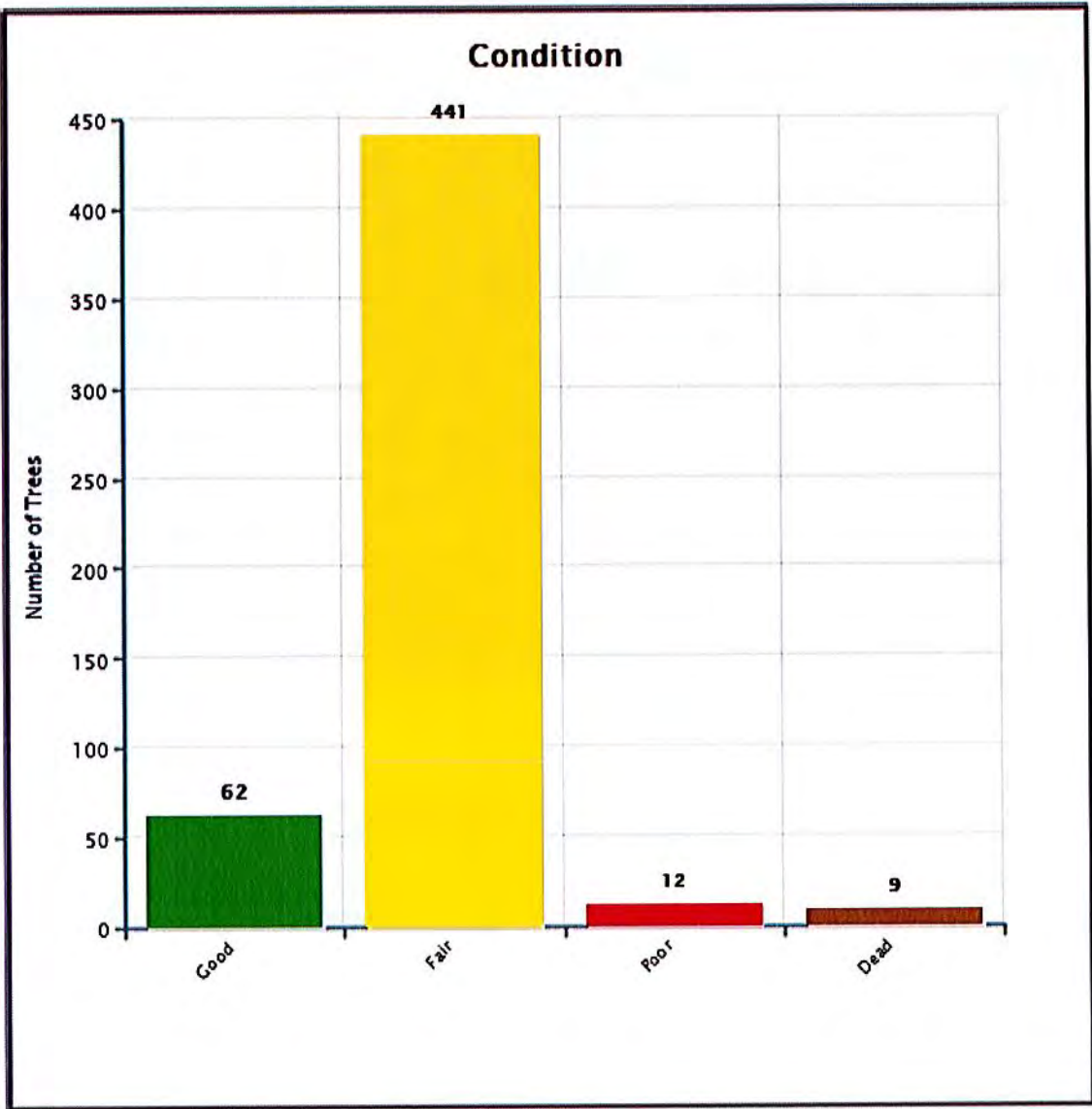


Condition Class

The breakdown of tree condition follows:

CONDITION CLASS BREAKDOWN

Condition Class	Quantity	% of Total
Good	62	12%
Fair	441	84%
Poor	12	2%
Dead	9	2%



INVENTORIED TREES BY CONDITION CLASS - NORTH



INVENTORIED TREES BY CONDITION CLASS - SOUTH

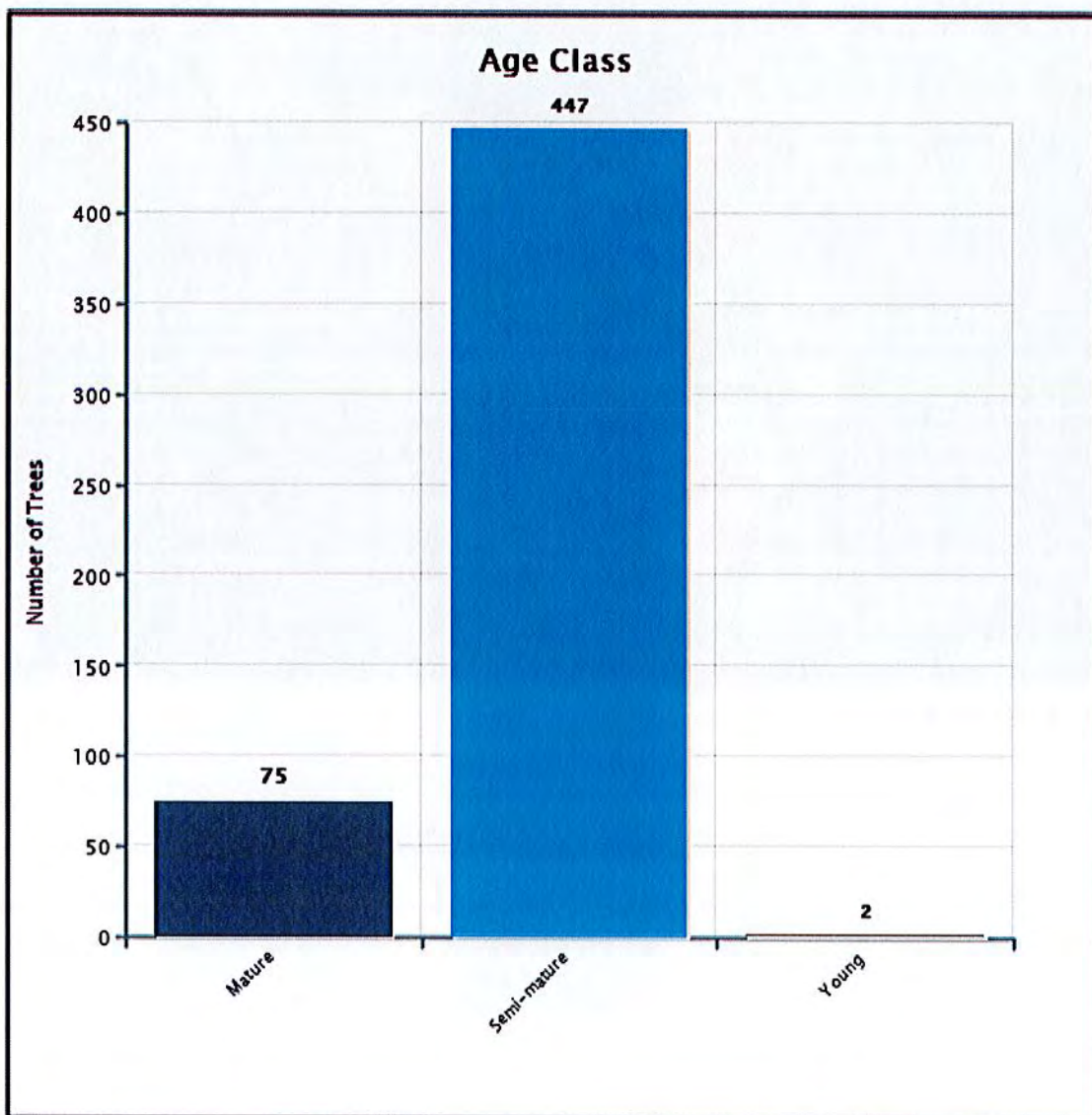


Age Class

The breakdown of tree age class follows:

AGE CLASS BREAKDOWN

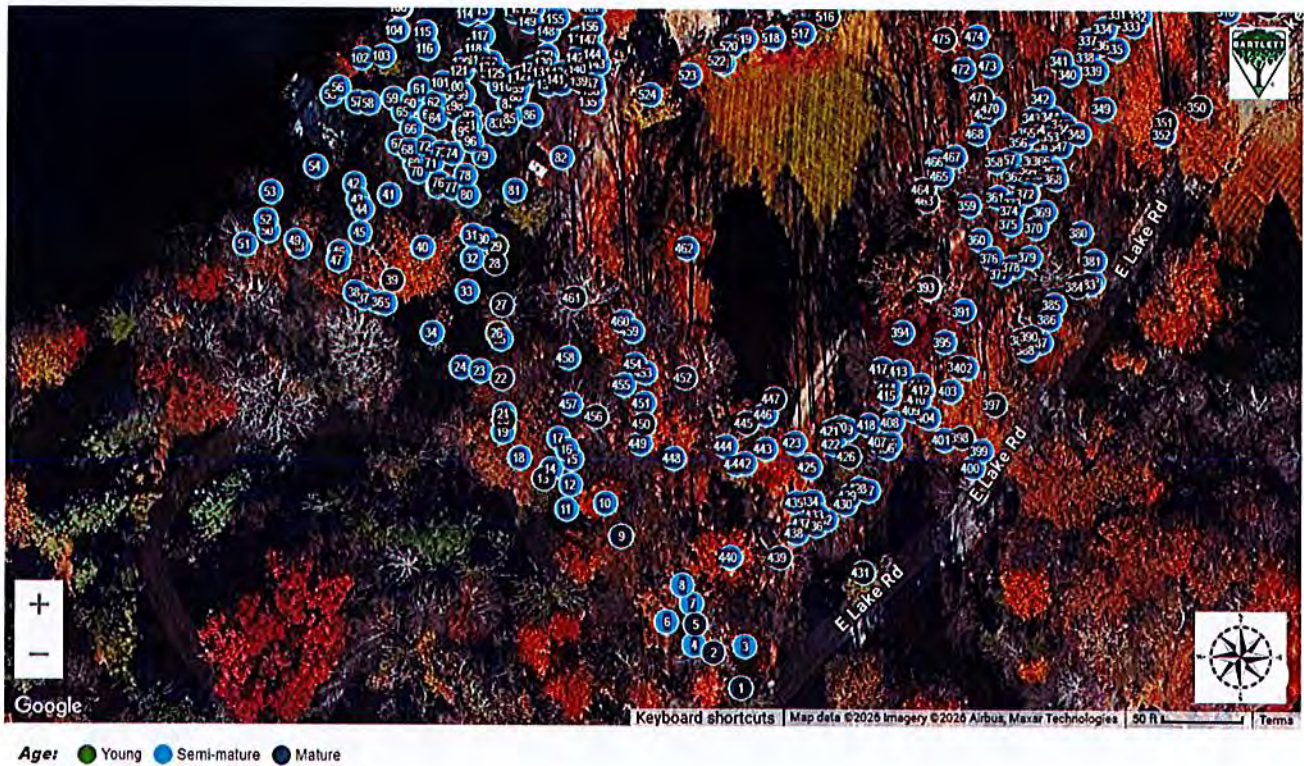
Age Class	Quantity	% of Total
Mature	75	14%
Semi-mature	447	85%
Young	2	< 1%



INVENTORIED TREES BY AGE CLASS - NORTH

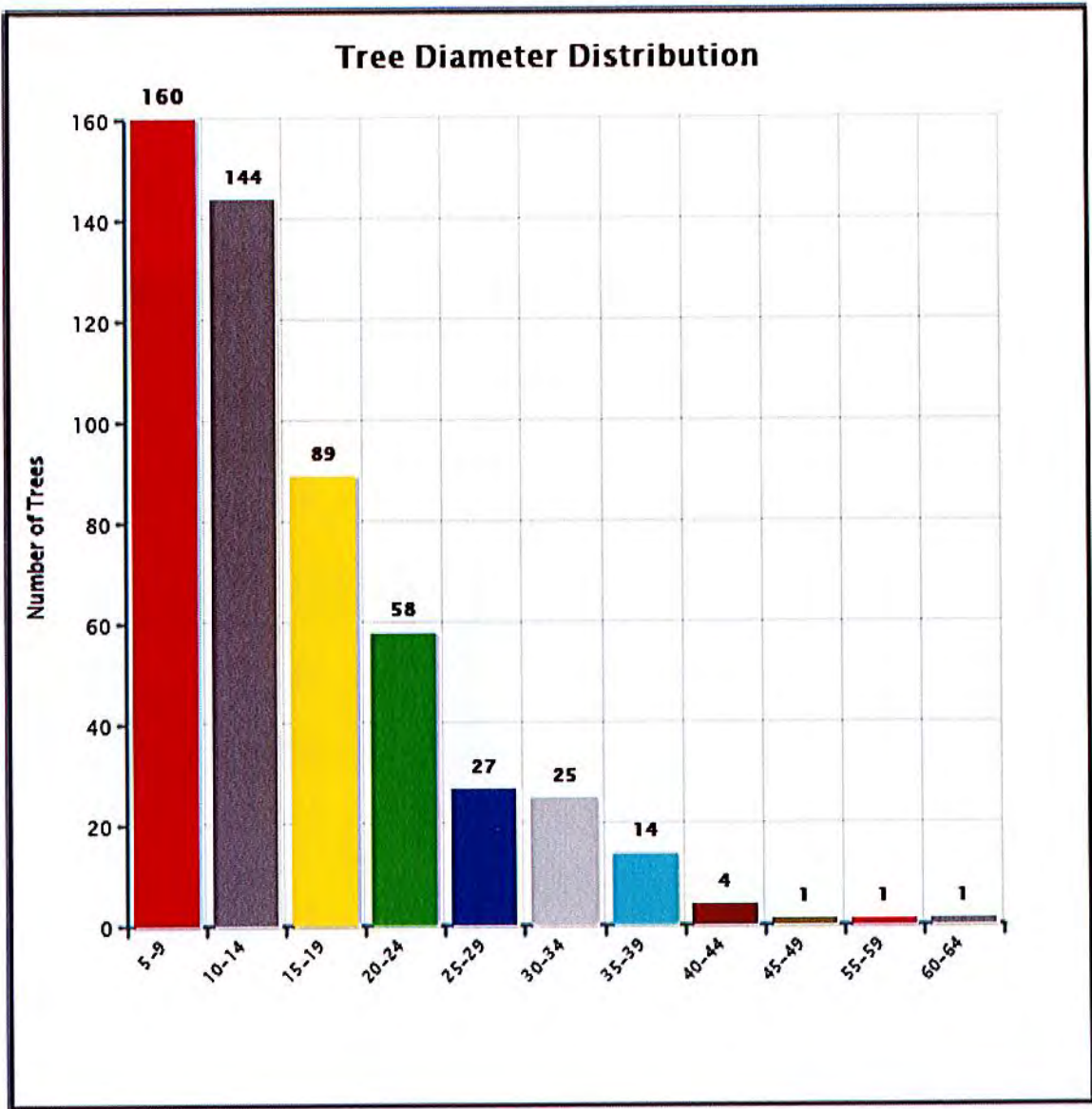


INVENTORIED TREES BY AGE CLASS - SOUTH



Tree Size (DBH)

The following chart illustrates numbers of trees according to size per DBH:



Estimated Tree Asset Value

As part of the Bartlett inventory process, we have included an Estimated Tree Asset Value for each tree and a cumulative total for all trees inventoried. We use an average per square inch nursery price, size (DBH), species factor, condition factor, and location factor to estimate the tree asset value. This is not intended to replace a tree appraisal.

The following data fields are used in this formula:

Data Field	Description
Average Per Square Inch Nursery Price	Based on the average nursery prices for two common tree species and one exotic tree species within a region, then taking the average of those three as the average per square inch price for the region
Size	Based on tree DBH (4.5 feet above grade)
Species Factor	Relative species desirability based on 100% for the tree in that geographical location. In most cases, species desirability ratings, published by the International Society of Arboriculture, are used for adjustment.
Condition Factor	Rating of the tree's structure and health based on 100%
Location Factor	Average rating for the site and the tree's contribution and placement, based on 100%

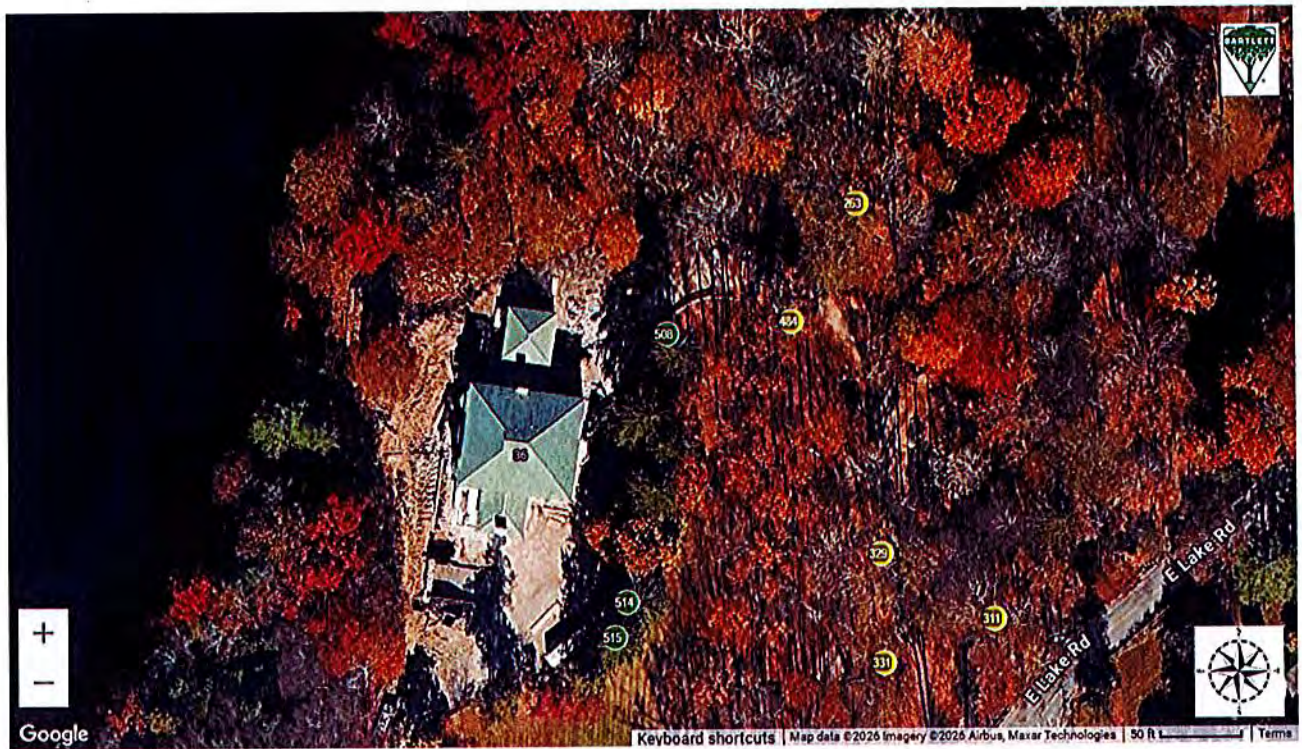
$$\text{Estimated Tree Asset Value} = (\text{Average Per Square Inch Nursery Price} * \text{Size}) * \text{Species Factor} * \text{Condition Factor} * \text{Location Factor}$$

The estimated cumulative total value for all trees inventoried is **\$2,512,341.02**. The following table lists the ten trees with the highest Tree Asset Values:

TOP TEN TREES - HIGHEST ESTIMATED TREE ASSET VALUE

Tree ID	Common Name	Genus	Species	DBH	Tree Asset Value
331	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	63	\$38,205.00
329	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	58	\$35,387.00
514	Spruce-Norway	<i>Picea</i>	<i>abies</i>	38	\$29,159.00
311	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	48	\$28,764.00
515	Spruce-Norway	<i>Picea</i>	<i>abies</i>	36	\$26,716.00
39	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	31,28	\$26,554.00
20	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	44	\$25,747.00
508	Spruce-Norway	<i>Picea</i>	<i>abies</i>	35	\$25,467.00
263	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	43	\$24,960.31
484	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	43	\$24,960.00

TOP TEN TREES - HIGHEST TREE ASSET VALUE - NORTH



TOP TEN TREES - HIGHEST TREE ASSET VALUE - SOUTH



RECOMMENDATIONS



RECOMMENDATIONS

In reviewing the results and recommendations, the reader will find useful the specifications and definitions detailed in the preceding methodology. We used the following categories to organize the results and recommendations, which are displayed in tables:

Recommendations

- Soil Care
- Root Collar Excavation
- Plant Health Care
- Tree Pruning
- Structural Support Systems
- Lightning Protection Systems
- Tree Removal
- Vine Removal

Soil Care

Healthy soil is critical to the health and longevity of trees. Soil provides trees with the essential nutrients required for their growth. Many secondary problems such as reduced vigor, inadequate growth, branch dieback, and pest or disease concerns are related to the primary stress of poor soil conditions. Undisturbed, native forest soils generally contain adequate levels of organic matter, soil microbes, and nutrients. Urban, suburban, and landscape soils (as opposed to forest soils) usually lack these qualities, and are often compacted. In many cases, trees in a landscaped environment suffer from inadequate soil fertility, soil compaction, root zone competition with turf grasses, and inadequate total soil volume. Soil Care treatments should be applied as soon as possible, therefore they do not have a Tree & Shrub Work phase.

Bartlett Tree Experts recommends several procedures and treatments that address soil quality. Taking soil samples is perhaps the most important. Proper tree care cannot be initiated unless it is known what type of soil environment the trees are growing in. Soil testing results can help to create a path forward for improved tree health. We address some of these below.

Soil Sampling

Collecting soil samples and having them tested helps determine nutrients that may be lacking, unfavorable soil pH values, and adequacy of soil organic matter. Laboratory tests and analyses can determine the need for soil amendments.

Bulk Density

Compacted soils are regrettably common in the urban setting. A bulk density test, which requires an undisturbed core sample, measures the level of soil compaction. Arborists can use the results to diagnose problems or to determine what size holes to dig for planting. If soil density exceeds a measured threshold for a given soil type and tree species, we recommend Bartlett's Root Invigoration™ program.

Soil Rx®

Bartlett's Soil Rx® program, which is a prescription soil amendment program, aims to correct nutrient deficiencies and optimize soil conditions for designated trees.

Root Invigoration™

The aim of Bartlett's patented Root Invigoration™ Program is to improve soil conditions by addressing soil compaction and promoting efficient root growth, especially for high-value trees in disturbed areas. The process includes taking soil samples to determine what nutrients are deficient, performing a root collar excavation, "air-tilling" a portion of the root zone to find fine roots, incorporating organic matter, applying soil amendments (based on soil sample), and applying mulch. The area of the root system treated can vary by tree. For the Root Invigoration™ Program to be successful, proper watering techniques must be employed after the process is complete.

Mulch Application

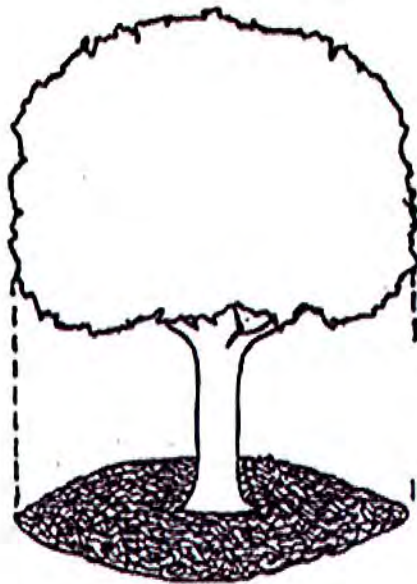
Proper mulching (top left and bottom left) provides many benefits to trees and shrubs. It moderates soil temperatures, reduces soil moisture loss, reduces soil compaction, provides nutrients, and improves soil structure. This practice results in more root growth and healthier plants. The image on the top right illustrates root growth density under grass versus mulch. Mulch is frequently applied incorrectly (bottom right), so we recommend that readers inspect the technical report on mulch application guidelines that appears in the Appendix.



Example of how mulch should be installed, 2-4 inches thick and not against the trunk.



Example of root density under grass versus mulch.



Example of how mulch should be applied from the trunk to the dripline.



Example of improper mulch application, known as "volcano mulch".

The following inventoried trees are recommended for soil care because of possible nutrient deficiencies, soil compaction, or inadequate soil conditions:

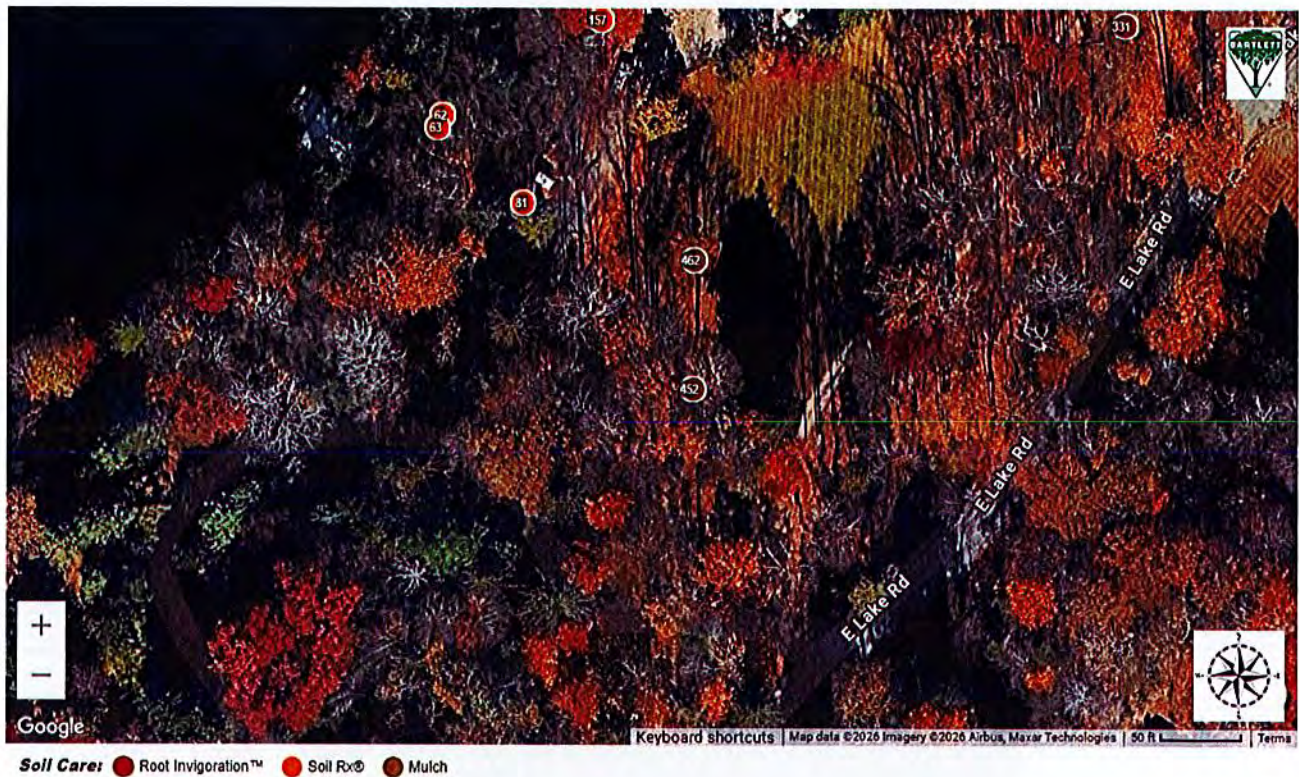
INVENTORIED TREES RECOMMENDED FOR SOIL CARE (25 Trees)

Tree ID	Common Name	DBH	Soil Care	Mulch Recommended
62	Hemlock-Canadian	9	• Soil Rx ®	...
63	Hemlock-Canadian	8	• Soil Rx ®	...
81	Pine-Eastern White	25	• Soil Rx ®	...
157	Oak-Northern Red	18	• Soil Rx ®	...
163	Oak-Black	12	• Soil Rx ®	...
164	Oak-Black	12	• Soil Rx ®	...
165	Oak-Black	14	• Soil Rx ®	...
166	Oak-Black	8	• Soil Rx ®	...
167	Oak-Black	14	• Soil Rx ®	...
168	Oak-Black	7	• Soil Rx ®	...
169	Oak-Northern Red	16	• Soil Rx ®	...
170	Oak-Black	18	• Soil Rx ®	...
198	Pine-Eastern White	14	• Root Invigoration™	...
199	Oak-Pin	34	• Root Invigoration™	...
250	Maple-Sugar	34	• Soil Rx ®	...
269	Beech-American	19	• Soil Rx ®	...
273	Tuliptree	35	• Soil Rx ®	...
274	Beech-American	9	• Soil Rx ®	...
275	Beech-American	8	• Soil Rx ®	...
287	Beech-American	23	• Soil Rx ®	...
329	Oak-Northern Red	58	• Root Invigoration™	...
331	Oak-Northern Red	63	• Root Invigoration™	...
452	Tuliptree	31	...	Yes
462	Oak-Pin	20	...	Yes
484	Tuliptree	43	• Soil Rx ®	...

INVENTORIED TREES RECOMMENDED FOR SOIL CARE - NORTH



INVENTORIED TREES RECOMMENDED FOR SOIL CARE - SOUTH



Root Collar Excavation

Excavating the root collar is necessary for trees whose buttress roots are covered by excess soil or mulch. Buried root collars can contribute to tree health problems, including girdling roots, basal cankers, and masking root and lower stem decay. Trees in the root collar excavation table do not have a Tree & Shrub Work phase and should be completed as soon as possible. The top image shows a buried root collar and the bottom image shows an exposed root collar.



Example of a buried root collar.



Example of an exposed root collar.

Girdling Roots

Girdling roots (top left and right) restrict water and nutrient movement throughout the tree. If left untreated they can cause the tree to decline, fail (bottom), and eventually die in severe cases. Girdling roots should be removed as soon as possible, unless removal of roots will significantly impact the condition or stability of the tree. In some cases, the presence of significant or severe girdling roots may cause the tree to be recommended for removal.



Examples of girdling roots.



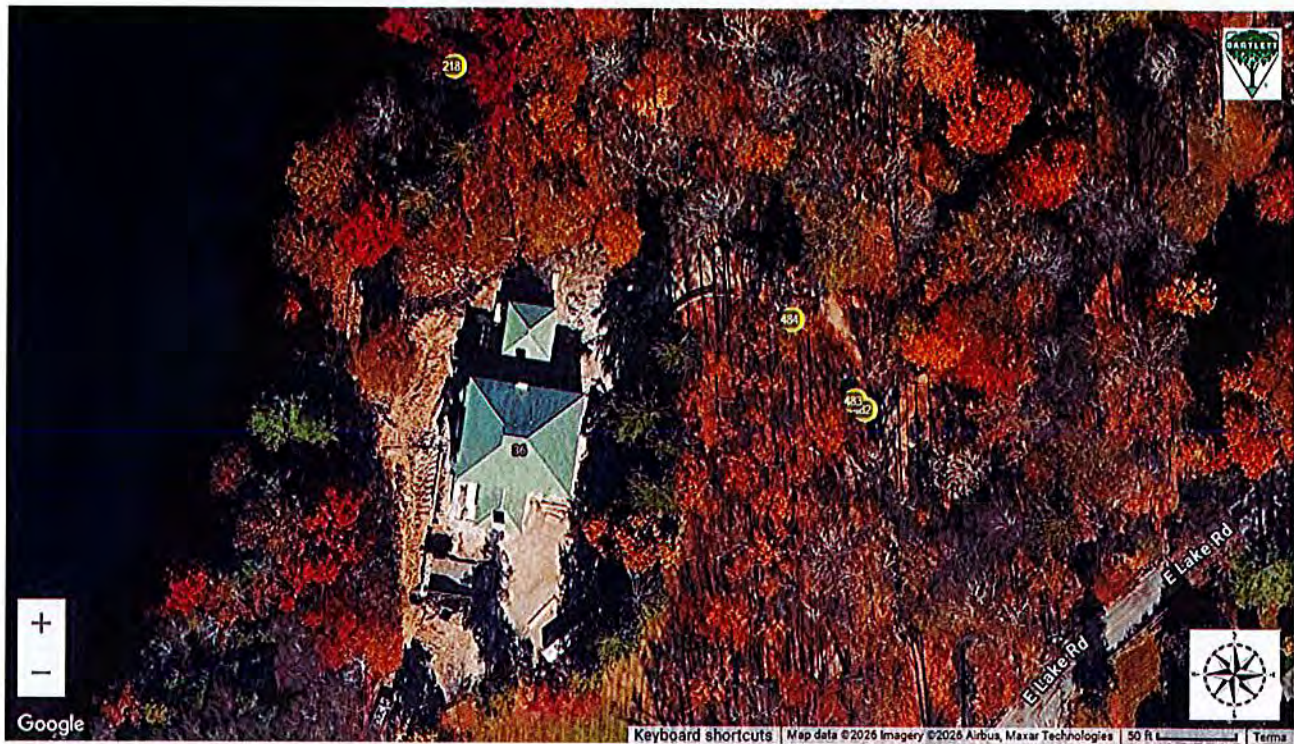
Example of tree failure from girdling roots.

The following trees are recommended for a root collar excavation:

INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION (4 Trees)

Tree ID	Common Name	DBH	Root Collar Observation
218	Maple-Red	10	Buried root collar
482	Spruce-Norway	6	Buried root collar
483	Spruce-Norway	8	Buried root collar
484	Tuliptree	43	Buried root collar

INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION



Plant Health Care

The Inventory Team also recommends Plant Health Care (PHC) programs for trees in the formal landscape. In addition, an Integrated Pest Management (IPM) program monitors for potentially damaging insects, diseases and cultural problems that are often seasonal and may not have been evident during our inventory visit. Plant Health Care treatments should be applied as soon as possible, therefore they do not have a Tree & Shrub Work phase. These pests and diseases include, but are not limited to, the following:

- Anthracnose - on a variety of species
- Aphids - on a variety of species
- Bacterial Leaf Scorch - on trees within red oak group
- Bagworms - on a variety of tree species
- Boring Insects - on a variety of tree species
- Caterpillar Defoliators - on a variety of tree species, especially oak
- Gall Insects - on a variety of species
- Lacebugs - on a variety of species
- Scab and Rust Fungi - on crabapple and apple species.
- Suspected Phytophthora Root Rot and Canker - on a variety of tree species, especially beech species
- Scale Insects - on a variety of tree species, especially oak
- Spider Mites - on a variety of tree species

We identified pests or diseases and/or provided plant health care recommendations on the following inventoried trees at the time of the inventory:

INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE (72 Trees)

Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
5	Hemlock-Canadian	27	• Adelgid treatment	• Hemlock woolly adelgid
6	Maple-Norway	14	...	• Vines
13	Spruce-Norway	26	...	• Poisonous plants • Vines
18	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid
19	Hemlock-Canadian	15	• Adelgid treatment	• Hemlock woolly adelgid
22	Beech-American	39	• Beech Leaf Disease	...
24	Hemlock-Canadian	17	• Adelgid treatment	• Hemlock woolly adelgid
26	Hemlock-Canadian	6	• Adelgid treatment	• Hemlock woolly adelgid
29	Hemlock-Canadian	6	• Adelgid treatment	• Hemlock woolly adelgid
32	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
33	Hemlock-Canadian	11	• Adelgid treatment	• Hemlock woolly adelgid
40	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
42	Hemlock-Canadian	10	• Adelgid treatment	• Hemlock woolly adelgid
43	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
44	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
47	Hemlock-Canadian	15	• Adelgid treatment	• Hemlock woolly adelgid
53	Birch-Sweet	14	...	• Poisonous plants • Vines
54	Hemlock-Canadian	18	• Adelgid treatment	• Hemlock woolly adelgid
55	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
56	Birch-Sweet	12	...	• Poisonous plants • Vines
57	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid
62	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
63	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
80	Hemlock-Canadian	23	• Adelgid treatment	• Hemlock woolly adelgid
84	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
99	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
100	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
101	Hemlock-Canadian	11	• Adelgid treatment	• Hemlock woolly adelgid
103*	Hemlock-Canadian	16	• Adelgid treatment	• Hemlock woolly adelgid
104	Hemlock-Canadian	18	• Adelgid treatment	• Hemlock woolly adelgid
105	Hemlock-Canadian	6	• Adelgid treatment	• Hemlock woolly adelgid
107	Oak-Northern Red	10	...	• Poisonous plants • Vines
109	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid • Poisonous plants • Vines

Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
110	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid • Poisonous plants • Vines
111	Hemlock-Canadian	14	• Adelgid treatment	• Hemlock woolly adelgid
112	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
113	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
114	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid
115	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid
116	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
117	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
118	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid
119	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
124	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid
125	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
126	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
141	Hemlock-Canadian	6	• Adelgid treatment	• Hemlock woolly adelgid
142	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
150	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
152	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid
160	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid
175	Hemlock-Canadian	11	• Adelgid treatment	• Hemlock woolly adelgid
177	Oak-Northern Red	20	...	• Poisonous plants • Vines
180	Hemlock-Canadian	19	• Adelgid treatment	• Hemlock woolly adelgid
181	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
182	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid
183	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid
184	Hemlock-Canadian	20	• Adelgid treatment	• Hemlock woolly adelgid
185	Hemlock-Canadian	10	• Adelgid treatment	• Hemlock woolly adelgid
186	Hemlock-Canadian	14	• Adelgid treatment	• Hemlock woolly adelgid
190	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid
191	Hemlock-Canadian	11	• Adelgid treatment	• Hemlock woolly adelgid
192	Hemlock-Canadian	14	• Adelgid treatment	• Hemlock woolly adelgid
194	Pine-Eastern White	33	...	• Poisonous plants • Vines
195	Spruce-Norway	10	...	• Vines
196	Hemlock-Canadian	14	• Adelgid treatment	• Hemlock woolly adelgid
198	Pine-Eastern White	14	• Adelgid treatment	• Adelgid
212	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid
213	Hemlock-Canadian	10	• Adelgid treatment	• Hemlock woolly adelgid
221	Maple-Red	6	...	• Vines
222	Tuliptree	12	...	• Vines

Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
245	Tuliptree	33	...	• Poisonous plants • Vines
246	Oak-Northern Red	33	...	• Poisonous plants • Vines
253	Linden-American	10	...	• Sapsucker
263	Oak-Northern Red	43	...	• Poisonous plants • Vines
264	Maple-Sugar	26	...	• Poisonous plants • Vines
265	Hemlock-Canadian	17	• Adelgid treatment	• Hemlock woolly adelgid • Poisonous plants • Vines
266	Tuliptree	24	...	• Poisonous plants • Vines
267	Maple-Red	23	...	• Poisonous plants • Vines
269	Beech-American	19	• Beech Leaf Disease	...
274	Beech-American	9	• Beech Leaf Disease	...
275	Beech-American	8	• Beech Leaf Disease	...
276	Hemlock-Canadian	9	• Adelgid treatment	• Hemlock woolly adelgid
277*	Maple-Sugar	23	...	• Poisonous plants • Vines
287	Beech-American	23	• Beech Leaf Disease	...
288	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
290	Hemlock-Canadian	6	• Adelgid treatment	• Hemlock woolly adelgid
295	Maple-Sugar	23	...	• Poisonous plants • Vines
297	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid
299	Hickory-Shagbark	21	...	• Poisonous plants • Vines
300	Hemlock-Canadian	11	• Adelgid treatment	• Hemlock woolly adelgid
301	Hemlock-Canadian	14	• Adelgid treatment	• Hemlock woolly adelgid
302	Hemlock-Canadian	12	• Adelgid treatment	• Hemlock woolly adelgid • Poisonous plants • Vines
303	Tuliptree	19	...	• Poisonous plants • Vines
308	Oak-Chestnut	26	...	• Poisonous plants • Vines
314	Hemlock-Canadian	7	• Adelgid treatment	• Hemlock woolly adelgid
316	Hemlock-Canadian	18	• Adelgid treatment	• Hemlock woolly adelgid
317	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
318	Hemlock-Canadian	10	• Adelgid treatment	• Hemlock woolly adelgid

Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
323*	Hemlock-Canadian	10	...	• Hemlock woolly adelgid
329	Oak-Northern Red	58	...	• Poisonous plants • Vines
331	Oak-Northern Red	63	...	• Vines
338	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
339	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
384	Oak-Northern Red	30	...	• Poisonous plants • Vines
393	Tuliptree	39	...	• Poisonous plants • Vines
400*	Ash-White	15	...	• Poisonous plants • Vines
401	Hemlock-Canadian	13	• Adelgid treatment	• Hemlock woolly adelgid
409	Hemlock-Canadian	8	• Adelgid treatment	• Hemlock woolly adelgid
412	Hemlock-Canadian	6	• Adelgid treatment	• Hemlock woolly adelgid
419	Birch-Sweet	10	...	• Poisonous plants • Vines
420	Birch-Sweet	7	...	• Poisonous plants • Vines
421	Birch-Sweet	9	...	• Poisonous plants • Vines
431	Spruce-Norway	35	...	• Poisonous plants • Vines
438	Tuliptree	18	...	• Vines
450	Tuliptree	24	...	• Vines
451	Tuliptree	23	...	• Vines
453	Tuliptree	22	...	• Vines
454	Tuliptree	16	...	• Poisonous plants • Vines
461	Tuliptree	35	...	• Poisonous plants • Vines
462	Oak-Pin	20	...	• Poisonous plants • Vines
465	Tuliptree	20	...	• Poisonous plants • Vines
475	Tuliptree	28	...	• Poisonous plants • Vines
480	Maple-Sugar	30	...	• Poisonous plants • Vines
482	Spruce-Norway	6	• Adelgid treatment	• Spruce gall adelgid
483	Spruce-Norway	8	• Adelgid treatment	• Spruce gall adelgid
489	Tuliptree	13	...	• Poisonous plants • Vines

Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
491	Tuliptree	14	...	• Vines
498	Tuliptree	28	...	• Poisonous plants • Vines
505	Tuliptree	17	...	• Poisonous plants • Vines
507	Tuliptree	23	...	• Poisonous plants • Vines
515	Spruce-Norway	36	...	• Poisonous plants • Vines

* Trees that are recommended for removal in the Tree Removal Section

INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE - NORTH



INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE - SOUTH



Tree Pruning

A commonly offered service among tree companies, pruning trees is one of the most poorly executed practices by tree workers who lack training in the basics of tree biology. "Lion's tailing," topping, and flush cuts are a few examples, and these can lead to hazardous conditions over time.

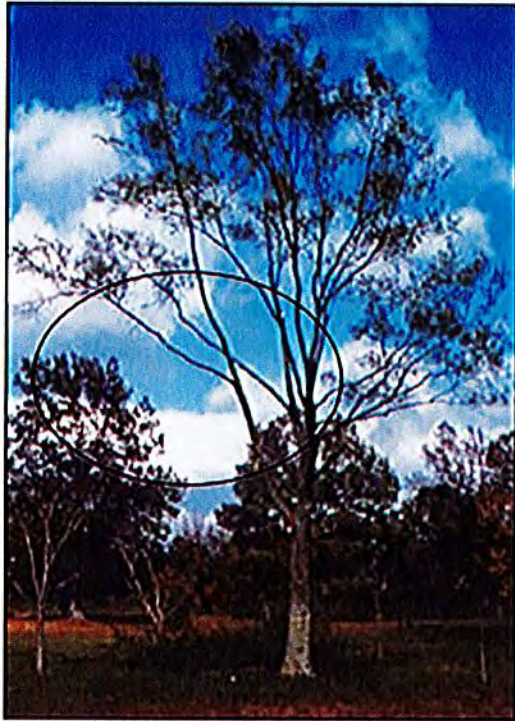
Because this practice is so misunderstood, and because specific standards exist to perform pruning correctly, the Inventory Team decided to include some explanation in the main body of this management plan.

Tree owners and tree-care practitioners should always keep in mind that any pruning cut is a wound. Informed tree-care professionals have learned to manage that wounding to preserve the health, safety, and integrity of the tree.

Improper Pruning Practices

A few of the most common pruning abuses are:

- **Lion's Tailing** - pruning that removes interior branches along the stem and scaffold branches. This encourages poor branch taper, poor wind load distribution, and risk of branch failure. It also deprives the tree of foliage it needs to produce **photosynthates**. See next page, top left.
- **Topping** - pruning cuts that reduce a tree's size by using heading cuts that shorten branches to a predetermined size. Topping substantially reduces the functional benefits a tree is capable of providing and predisposes trees to structural defects that can contribute to failures in the future. It also reduces the value of the trees substantially and deprives the tree of adequate foliage. See next page, top right.
- **Flush Cuts** - pruning cut through the **branch collar**, flush against the trunk or parent stem, causing unnecessary injury. See next page, bottom.
- **Using Climbing Spikes Inappropriately** - Using climbing spikes on a healthy tree, for example, wounds healthy stem tissues and can lead to infection by fungal pathogens.



Example of Lion's tailing.



Examples of topping.



Examples of flush cuts.

Pruning with a Goal

Below are illustrations of common pruning goals:



Illustration of improving airflow to reduce disease.

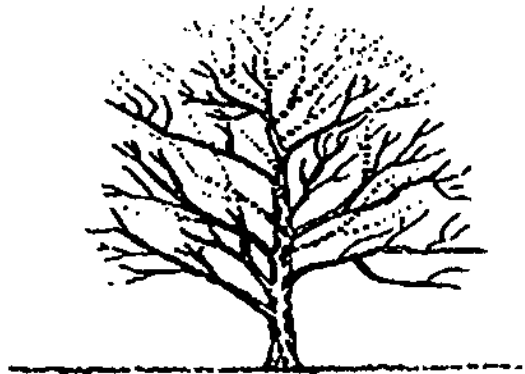


Illustration of branch weight reduction.

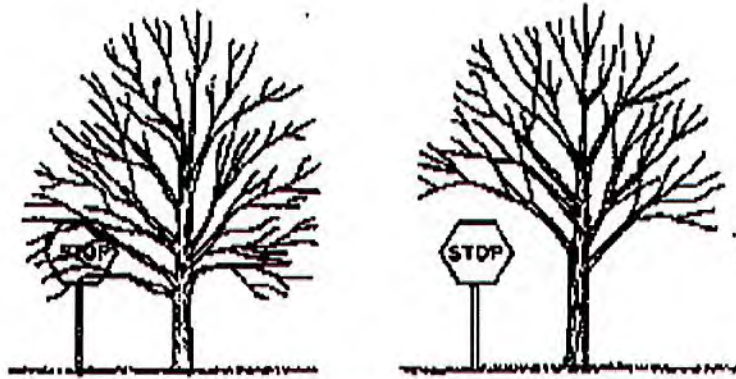


Illustration of raising branch elevation to improve clearance.

Without Development of Central Leader				
	At Planting	2-4 Years	5-7 Years	8-10 Years
With Development of Central Leader				

Illustration of promoting a strong central leader.

Pruning Category

All trees identified in this management plan that have pruning recommendations are listed with a specific pruning category. The listed order of these pruning categories are typical to most managers. Trees within each category are prioritized by the specific goals of most managers. It is recommended that specific goals be discussed with your local Bartlett Arborist Representative. Pruning categories are separated into individual tables below where each table lists specific arboricultural pruning goals and recommendations for each tree.

Maintenance Pruning

This goal typically requires routine pruning of large/mature trees. Includes branch removal and/or branch reduction to help reduce *likelihood of failure* and/or conflict with infrastructure. Trees with these goals are typically climbed or require the use of aerial lifts and/or other specialized equipment.

The trees in this table are recommended for maintenance pruning:

INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING (285 Trees)

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
1	Spruce-Norway	34	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
3	Maple-Norway	13	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Sweep
20	Oak-Northern Red	44	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
22	Beech-American	39	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
27	Spruce-Norway	33	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
28	Spruce-Norway	21	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
29	Hemlock-Canadian	6	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dead/dying stem
31	Maple-Norway	21	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Overextended branch • Uneven crown
39	Oak-Northern Red	31,28	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Overextended branch
41	Maple-Red	15	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Co-dominant stems • Dead branches >2
56	Birch-Sweet	12	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Hanger

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
57	Hemlock-Canadian	12	1	• Reduce risk of branch stem and/or root failure • Clearance	• Dead branches <=2 • Growing against object
80	Hemlock-Canadian	23	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
81	Pine-Eastern White	25	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
82	Birch-Sweet	13	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
157	Oak-Northern Red	18	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger
163	Oak-Black	12	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Flush cuts • Storm damage
164	Oak-Black	12	1	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2 • Lean
165	Oak-Black	14	1	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2 • Uneven crown
166	Oak-Black	8	1	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2 • Uneven crown
167	Oak-Black	14	1	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2 • Uneven crown
168	Oak-Black	7	1	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2 • Uneven crown
169	Oak-Northern Red	16	1	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
170	Oak-Black	18	1	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2 • Uneven crown
199	Oak-Pin	34	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Construction damage • Dead branches >2
250	Maple-Sugar	34	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
251	Maple-Norway	25	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Cavity-stem • Dead branches >2
263	Oak-Northern Red	43	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
265	Hemlock-Canadian	17	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
266	Tuliptree	24	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Sweep
273	Tuliptree	35	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Co-dominant stems • Dead branches >2
299	Hickory-Shagbark	21	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Lean
303	Tuliptree	19	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Wound-stem
304	Hickory-Pignut	14	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
308	Oak-Chestnut	26	1	• Reduce risk of branch stem and/or root failure	• Cavity-root flare • Dead branches >2 • Overextended branch
309	Oak-Pin	28	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Seam • Uneven crown
311	Oak-Northern Red	48	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
329	Oak-Northern Red	58	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Wound-stem
331	Oak-Northern Red	63	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Decay-stem
341	Tuliptree	15	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
350	Oak-Northern Red	29	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Overextended branch • Uneven crown
351	Oak-Chestnut	27,22	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
352	Maple-Red	10	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
355	Tuliptree	20	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
358	Tuliptree	15	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sweep
382	Cherry-Black	11	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Sweep
384	Oak-Northern Red	30	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
385	Oak-Chestnut	17	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
393	Tuliptree	39	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Wound-stem
396	Oak-Northern Red	26	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
397	Tuliptree	27	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
398	Oak-Northern Red	32	1	• Reduce risk of branch stem and/or root failure	• Cavity-root flare • Dead branches >2 • Uneven crown
423	Tuliptree	20	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
431	Spruce-Norway	35	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts
434	Tuliptree	23	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
440	Maple-Norway	21	1	• Reduce risk of branch stem and/or root failure	• Corrected lean • Dead branches >2 • Wound-root flare
446	Arborvitae-White Cedar	22	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
447	Arborvitae-White Cedar	25	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
456	Tuliptree	26	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
457	Tuliptree	18	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Hanger
461	Tuliptree	35	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
463	Tuliptree	35	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
464	Tuliptree	24	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
465	Tuliptree	20	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
467	Birch-Sweet	10	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
471	Tuliptree	26	1	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
480	Maple-Sugar	30	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
484	Tuliptree	43	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Wound-root flare
508	Spruce-Norway	35	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
509	Spruce-Norway	43	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
511	Spruce-Norway	36	1	• Reduce risk of branch stem and/or root failure	• Dead branches >2
513	Maple-Norway	32	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Co-dominant stems • Dead branches >2
514	Spruce-Norway	38	1	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
10	Maple-Norway	16	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean
15	Birch-Sweet	9	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean • Sweep

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
16	Birch-Sweet	11	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean
17	Maple-Norway	9	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches <=2
30	Birch-Sweet	13	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean
42	Hemlock-Canadian	10	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
43	Hemlock-Canadian	9	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
54	Hemlock-Canadian	18	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
55	Hemlock-Canadian	8	2	• Reduce risk of branch stem and/or root failure • Clearance	• Dead branches <=2
58	Birch-Sweet	7	2	• Reduce risk of branch stem and/or root failure • Clearance	• Dead branches <=2 • Lean
67	Birch-Sweet	11	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean • Uneven crown
68	Birch-Sweet	6	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
69	Birch-Sweet	11	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
70	Birch-Sweet	13	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
75	Birch-Sweet	8	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
76	Birch-Sweet	9	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
77	Birch-Sweet	8	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
135	Birch-Sweet	11	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
136	Birch-Sweet	8	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean • Uneven crown
137	Birch-Sweet	7	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
143	Birch-Sweet	7	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
144	Birch-Sweet	7	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
155	Birch-Sweet	7	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
158	Oak-Northern Red	11	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
159	Oak-Black	14	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
171	Oak-Black	13	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
174	Oak-Northern Red	10	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
198	Pine-Eastern White	14	2	• Reduce risk of branch stem and/or root failure	• Construction damage • Corrected lean • Uneven crown
239	Oak-Northern Red	15	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
240	Oak-Northern Red	19	2	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
241	Oak-Northern Red	22	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
242	Oak-Northern Red	21	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
243	Maple-Norway	19	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Co-dominant stems • Dead branches >2
245	Tuliptree	33	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
246	Oak-Northern Red	33	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Wound-stem
248	Oak-Northern Red	34	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
249	Maple-Norway	9	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
271	Arborvitae-White Cedar	14	2	• Reduce risk of branch stem and/or root failure • Improve appearance	• Dead branches <=2
272	Arborvitae-White Cedar	10	2	• Reduce risk of branch stem and/or root failure • Improve appearance	• Broken branch(s) • Dead branches <=2
278	Tuliptree	31	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
305	Maple-Red	11	2	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Hanger
334	Tuliptree	10	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
335	Tuliptree	10	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem
336	Tuliptree	13	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
338	Hemlock-Canadian	8	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
354	Tuliptree	6	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
356	Birch-Sweet	6	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
381	Lilac	9	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
392	Tuliptree	33	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
394	Maple-Japanese	21	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Topping/heading cuts
399	Maple-Red	11	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
426	Spruce-Norway	30	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
435	Birch-Sweet	12	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean • Uneven crown
438	Tuliptree	18	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Hanger • Uneven crown
441	Arborvitae-White Cedar	22	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
442	Arborvitae-White Cedar	21	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
443	Maple-Norway	15	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Sweep
448	Tuliptree	20	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
449	Tuliptree	19	2	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Sweep
450	Tuliptree	24	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
451	Tuliptree	23	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
452	Tuliptree	31	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
453	Tuliptree	22	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-root flare
459	Tuliptree	23	2	• Reduce risk of branch stem and/or root failure	• Corrected lean • Dead branches >2 • Uneven crown
460	Tuliptree	24	2	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
462	Oak-Pin	20	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
466	Tuliptree	22	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
468	Birch-Sweet	8	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
469	Birch-Sweet	9	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
470	Birch-Sweet	18	2	• Reduce risk of branch stem and/or root failure	• Cavity-root flare • Dead branches <=2 • Hanger
472	Tuliptree	19	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
473	Tuliptree	21	2	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
474	Tuliptree	19	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sweep • Uneven crown
475	Tuliptree	28	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
476	Tuliptree	28	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
477	Tuliptree	22	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
479	Horsechestnut-Common	26	2	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches <=2
487	Tuliptree	19	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
490	Tuliptree	15	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
491	Tuliptree	14	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
492	Tuliptree	20	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
493	Tuliptree	24	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
494	Tuliptree	16	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2
498	Tuliptree	28	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Hanger
499	Tuliptree	17	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Storm damage • Uneven crown
500	Tuliptree	20	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
501	Tuliptree	15	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
502	Tuliptree	19	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
507	Tuliptree	23	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
512	Tuliptree	23	2	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Sweep
515	Spruce-Norway	36	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
516	Spruce-Norway	29	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
517	Maple-Japanese	21	2	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Uneven crown
518	Maple-Japanese	10	2	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
522	Arborvitae-White Cedar	17	2	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
2	Tuliptree	26	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Girdling roots present
4	Tuliptree	18	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Sweep
5	Hemlock-Canadian	27	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
6	Maple-Norway	14	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
7	Maple-Japanese	8	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Girdling roots present • Lean

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
8	Tuliptree	23	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
12	Arborvitae-White Cedar	7	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
13	Spruce-Norway	26	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
14	Arborvitae-White Cedar	14	3	• Reduce risk of branch stem and/or root failure • Improve appearance	• Dead branches >2
18	Hemlock-Canadian	13	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
19	Hemlock-Canadian	15	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
21	Pine-Eastern White	8	3	• Reduce risk of branch stem and/or root failure	• Cavity-stem • Dead branches <=2
23	Spruce-Norway	20	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches <=2
24	Hemlock-Canadian	17	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
25	Birch-Sweet	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Hanger
32	Hemlock-Canadian	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
33	Hemlock-Canadian	11	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
34	Maple-Norway	16	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Uneven crown
35	Oak-Chestnut	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sweep • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
36	Oak-Chestnut	8	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
38	Oak-Northern Red	16	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
40	Hemlock-Canadian	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
44	Hemlock-Canadian	7	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
45	Birch-Sweet	15	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
46	Maple-Red	19	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Uneven crown
47	Hemlock-Canadian	15	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
49	Maple-Red	12	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Uneven crown
50	Maple-Norway	10	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Hanger
51	Oak-Chestnut	14	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
52	Maple-Norway	7	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
61	Birch-Sweet	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean
62	Hemlock-Canadian	9	3	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches <=2
63	Hemlock-Canadian	8	3	• Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches <=2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
102	Oak-Northern Red	25	3	• Reduce risk of branch stem and/or root failure	• Cavity-stem • Dead branches >2 • Uneven crown
104	Hemlock-Canadian	18	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
106	Maple-Red	10	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
115	Hemlock-Canadian	12	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
118	Hemlock-Canadian	13	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
160	Hemlock-Canadian	13	3	• Reduce risk of branch stem and/or root failure	• Cavity-stem • Co-dominant stems • Dead branches <=2
172	Oak-Northern Red	8	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
173	Oak-Northern Red	10	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Lean • Uneven crown
176	Oak-Northern Red	15	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
177	Oak-Northern Red	20	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
178	Oak-Northern Red	17	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
179	Oak-Northern Red	14	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
180	Hemlock-Canadian	19	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
184	Hemlock-Canadian	20	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
186	Hemlock-Canadian	14	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
187	Oak-Northern Red	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
188	Oak-Northern Red	33	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
189	Oak-Northern Red	19	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
190	Hemlock-Canadian	12	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
194	Pine-Eastern White	33	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Uneven crown
196	Hemlock-Canadian	14	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
200	Dogwood-Flowering	7	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
201	Maple-Red	10	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
202	Oak-Northern Red	21	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
204	Oak-Northern Red	12	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
205	Oak-Northern Red	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
206	Oak-Northern Red	25	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
208	Maple-Red	23	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
209	Oak-Pin	22	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
210	Spruce-Norway	36	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
211	Spruce-Norway	36	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
212	Hemlock-Canadian	13	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
213	Hemlock-Canadian	10	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
216	Osage Orange	12	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
219	Maple-Red	16	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
220	Maple-Red	10	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
223	Oak-Northern Red	37	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
224	Oak-Northern Red	16	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
225	Oak-Northern Red	19	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
226	Oak-Chestnut	18	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
227	Maple-Sugar	23	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
234	Oak-Northern Red	10	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
237	Oak-Northern Red	15	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
238	Oak-Northern Red	9	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
254	Maple-Red	17	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
264	Maple-Sugar	26	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
267	Maple-Red	23	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Burl • Dead branches >2
269	Beech-American	19	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean
283	Maple-Sugar	19	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2 • Uneven crown
284	Oak-Black	34	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Rib • Uneven crown
285	Maple-Red	13	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
286	Oak-Northern Red	33	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
287	Beech-American	23	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
288	Hemlock-Canadian	8	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
289	Birch-Yellow	8	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Lean • Uneven crown
290	Hemlock-Canadian	6	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
293	Spruce-Norway	26	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
294	Maple-Red	18	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Rib
295	Maple-Sugar	23	3	• Reduce risk of branch stem and/or root failure	• Corrected lean • Dead branches >2
297	Hemlock-Canadian	13	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
298	Spruce-Norway	15	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
300	Hemlock-Canadian	11	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2
301	Hemlock-Canadian	14	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
302	Hemlock-Canadian	12	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches >2
306	Oak-Northern Red	21	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
316	Hemlock-Canadian	18	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
339	Hemlock-Canadian	8	3	• Reduce risk of branch stem and/or root failure	• Corrected lean • Dead branches <=2
363	Tuliptree	17	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
367	Tuliptree	16	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sweep
368	Tuliptree	18,13	3	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Sweep
369	Tuliptree	18	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
370	Tuliptree	14	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
372	Tuliptree	11	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
389	Tuliptree	30	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
401	Hemlock-Canadian	13	3	• Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
405	Tuliptree	19	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
406	Tuliptree	11	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
410	Birch-Sweet	11	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
428	Maple-Red	8	3	• Reduce risk of branch stem and/or root failure	• Cavity-stem • Dead branches >2 • Uneven crown
444	Tuliptree	23	3	• Reduce risk of branch stem and/or root failure	• Dead branches >2
445	Maple-Norway	26	3	• Reduce risk of branch stem and/or root failure	• Cavity-stem • Dead branches >2 • Rib
503	Tuliptree	20	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown
504	Tuliptree	18	3	• Reduce risk of branch stem and/or root failure	• Broken branch(s) • Dead branches <=2
506	Tuliptree	21	3	• Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown

INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING - NORTH



Tree & Shrub Work Phase: 1 2 3

INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING - SOUTH



Developmental Pruning

This goal typically requires routine pruning of small/young trees. Includes structural pruning to develop a strong central stem, establish proper branch spacing, and/or develop branch structure.

At the time of inventory, no trees were recommended for developmental pruning. However, we recommend close monitoring of trees for changes in condition, especially after weather events not considered normal for the area.

Ornamental Pruning

This goal typically requires pruning of small trees. Includes reduction and/or shearing to its desired shape, size, and/or structure.

The trees in this table are recommended for ornamental pruning:

INVENTORIED TREES RECOMMENDED FOR ORNAMENTAL PRUNING (5 Trees)

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
482	Spruce-Norway	6	4	• Improve form and shape	• Dead branches <=2
483	Spruce-Norway	8	4	• Improve form and shape	• Dead branches <=2
519	Magnolia-Saucer	9,8,8,7	4	• Improve form and shape • Clearance	• Broken branch(s) • Dead branches >2 • Topping/heading cuts
523	Crabapple	9	4	• Improve form and shape • Clearance	• Dead branches <=2
524	Magnolia-Saucer	12,11,8,7	4	• Improve form and shape • Clearance	• Dead branches <=2

INVENTORIED TREES RECOMMENDED FOR ORNAMENTAL PRUNING



Tree & Shrub Work Phase: ● 4

Specialized Pruning

Trees with this goal require a unique treatment that may include, but not limited to, targeted pruning cuts, removal of nuisance fruit/parasitic plants, and/or rejuvenation/internodal pruning.

At the time of inventory, no trees were recommended for specialized pruning. However, we recommend close monitoring of trees for changes in condition, especially after weather events not considered normal for the area.

Structural Support Systems

Structural support systems can reduce risk of tree or tree part(s) failure by limiting movement of stems or branches in certain situations. Examples include co-dominant stems or overextended branches with heavy foliage loads.

Cabling

Cabling is the process of connecting two or more upright stems to one another to add stability and reduce the *likelihood of failure*. In some instances, a lateral branch may be secured to the central leader using a cabling system to support the weight of the branch.

Bracing

Bracing is the process of securing the union of two co-dominant stems using high strength steel rods to alleviate stresses at the union and reduce the *likelihood of failure*. Bracing may also be used to reinforce trees that have a partial failure and are likely to benefit from bracing.

Guying

Guying is the process of anchoring a tree's stem to the ground or another immovable object to reduce the likelihood of root failure. Guying can be temporary or permanent and is most often used for establishing a tree in the landscape.

Propping

Propping is the process of using rigid structures that are built on or into the ground to help support the trunk or branch(s) that are oriented near the ground in a horizontal position to reduce the *likelihood of failure* from the weight or defect of the tree part being supported.



American beech #22 recommended for cabling due to codominant stems.

The following table lists all inventoried trees with structural support system recommendations:

**INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS (13
Trees)**

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Structural Support
22	Beech-American	39	1	• Cable: Yes
39	Oak-Northern Red	31,28	1	• Cable: Yes
199	Oak-Pin	34	1	• Cable: Yes
250	Maple-Sugar	34	1	• Cable: Yes
273	Tuliptree	35	1	• Cable: Yes
311	Oak-Northern Red	48	1	• Cable: Yes
329	Oak-Northern Red	58	1	• Cable: Yes
331	Oak-Northern Red	63	1	• Cable: Yes
351	Oak-Chestnut	27,22	1	• Cable: Yes
394	Maple-Japanese	21	2	• Cable: Yes
447	Arborvitae-White Cedar	25	1	• Cable: Yes
456	Tuliptree	26	1	• Cable: Yes
463	Tuliptree	35	1	• Cable: Yes

INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS - NORTH



INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS - SOUTH



Lightning Protection Systems

Lightning strikes kill many people each year and can cause significant damage to objects on the property. Lightning protection systems are designed to provide a preferred path for lightning to the ground in a manner that minimizes tree damage; adjacent tree damage; and also to buildings, property, animals, and people near the tree. Tree species that are naturally more susceptible to lightning strikes, valuable to the landscape, and trees that are within 10 feet of, taller than, or have limbs that are extending over a structure are recommended for lightning protection systems due to the possibility of damage, "sideflashes", and step voltage.

At the time of inventory, no trees were recommended for lightning protection systems. However, as trees continue to grow and site changes occur, we recommend continual consultation with your local Bartlett Arborist Representative to determine if lightning protection systems are warranted in the future.

Tree Removal

In some cases, the inspector may determine need for removal while assessing the tree. Trees may be recommended for removal during the inventory for several reasons:

- The tree is dead;
- The tree is in poor condition and thought to be beyond rehabilitation;
- The tree is over-mature and will continue to decline in condition;
- The tree has significant structural weaknesses that cannot be addressed;
- The tree is already or will interfere with infrastructure (overhead lines for example);
- The location value for the tree is poor or unacceptable (for example, large maturing tree growing directly under overhead lines); and/or,
- The tree species has been declared an invasive for the given area or region.



American beech #9 recommended for removal because of decay and suspected fungi at root flare.

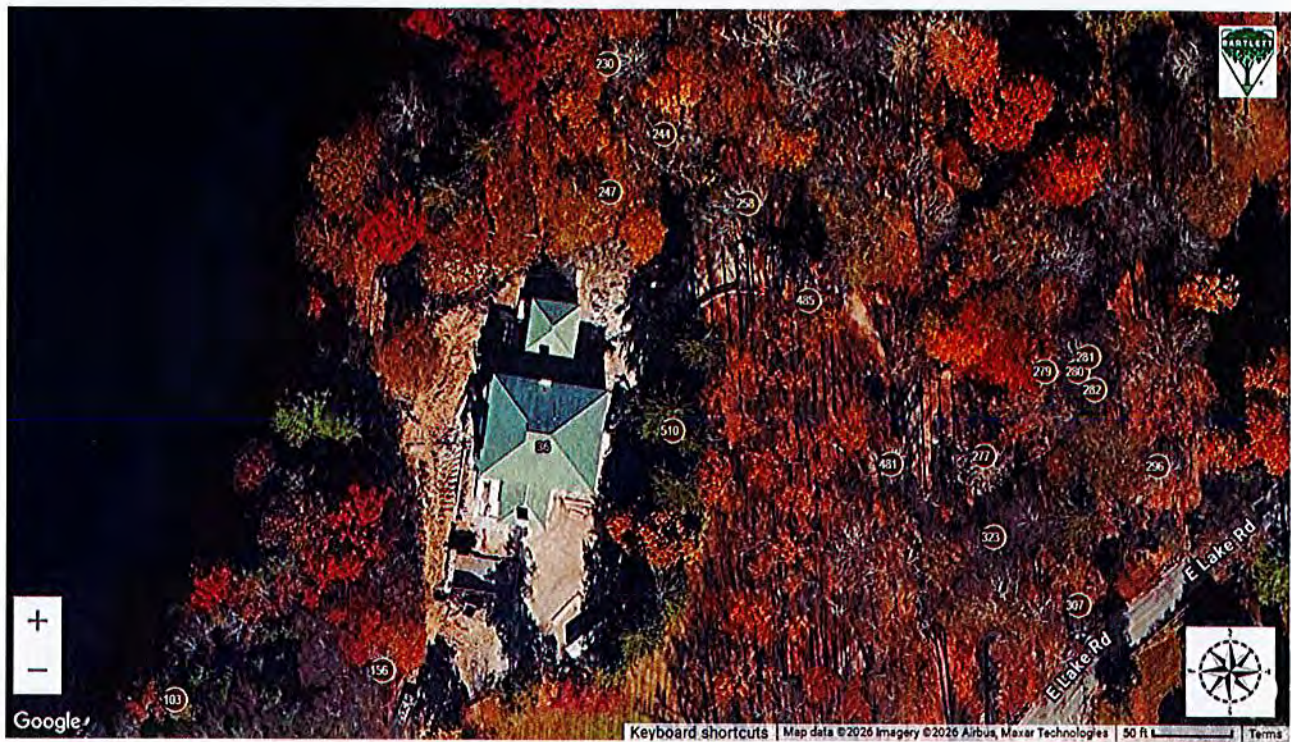
The trees listed in the table below are recommended for removal:

INVENTORIED TREES RECOMMENDED FOR REMOVAL (24 Trees)

Tree ID	Common Name	DBH	Condition	Tree & Shrub Work Phase	Defect(s) or Observation(s)
9	Beech-American	34	Poor	1	• Dead branches >2 • Decay-root flare • Fungi/conks
37	Hemlock-Canadian	14	Dead	1	• Dead/dying stem
48	Oak-Black	21	Poor	1	• Cavity-root flare • Cavity-stem • Dead branches >2
103	Hemlock-Canadian	16	Fair	1	• Dead branches >2 • Decay-stem • Wound-root flare
156	Poplar-Eastern	13	Poor	1	• Cavity-stem • Dead branches >2 • Wound-root flare
230	Hemlock-Canadian	10	Dead	1	• Dead/dying stem
244	Maple-Sugar	22	Fair	1	• Dead branches >2 • Decay-root flare • Fungi/conks
247	Maple-Sugar	15	Poor	1	• Decay-stem
258	Maple-Sugar	32	Fair	1	• Dead branches >2 • Decay-root flare • Fungi/conks
277	Maple-Sugar	23	Poor	1	• Dead/dying stem • Fungi/conks
279	Hemlock-Canadian	14	Dead	1	• Dead/dying stem
280	Hemlock-Canadian	7	Dead	1	• Dead/dying stem
281	Hemlock-Canadian	12	Dead	1	• Dead/dying stem
282	Hemlock-Canadian	16	Dead	1	• Dead/dying stem

Tree ID	Common Name	DBH	Condition	Tree & Shrub Work Phase	Defect(s) or Observation(s)
296	Maple-Sugar	19,15	Poor	1	• Co-dominant stems • Dead branches >2 • Dead/dying stem
307	Maple-Sugar	9	Poor	1	• Dead/dying stem
323	Hemlock-Canadian	10	Poor	1	• Dead branches >2 • Dead/dying stem
386	Hophornbeam-American	7	Dead	1	• Dead/dying stem
390	Tuliptree	32	Dead	1	• Dead/dying stem
400	Ash-White	15	Poor	1	• Dead branches >2 • Lean • Wound-root flare
427	Sassafras-Common	10	Dead	1	• Butt swell • Dead/dying stem
481	Maple-Sugar	31	Poor	1	• Dead branches >2 • Dead/dying stem • Decay-stem
485	Maple-Norway	19	Poor	1	• Decay-stem
510	Spruce-Norway	35	Poor	1	• Storm damage

INVENTORIED TREES RECOMMENDED FOR REMOVAL - NORTH



INVENTORIED TREES RECOMMENDED FOR REMOVAL - SOUTH



Vine Removal

The following trees were recommended for removal of vines. Vines and suckers can cover the trunk of a tree and hide defects that may be present.

INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL (50 Trees)

Tree ID	Common Name	DBH	Poisonous Plants
6	Maple-Norway	14	...
13	Spruce-Norway	26	Yes
53	Birch-Sweet	14	Yes
56	Birch-Sweet	12	Yes
107	Oak-Northern Red	10	Yes
109	Hemlock-Canadian	9	Yes
110	Hemlock-Canadian	13	Yes
177	Oak-Northern Red	20	Yes
194	Pine-Eastern White	33	Yes
195	Spruce-Norway	10	...
221	Maple-Red	6	...
222	Tuliptree	12	...
245	Tuliptree	33	Yes
246	Oak-Northern Red	33	Yes
263	Oak-Northern Red	43	Yes
264	Maple-Sugar	26	Yes
265	Hemlock-Canadian	17	Yes
266	Tuliptree	24	Yes
267	Maple-Red	23	Yes
277	Maple-Sugar	23	Yes
295	Maple-Sugar	23	Yes
299	Hickory-Shagbark	21	Yes
302	Hemlock-Canadian	12	Yes
303	Tuliptree	19	Yes
308	Oak-Chestnut	26	Yes
329	Oak-Northern Red	58	Yes
331	Oak-Northern Red	63	...
384	Oak-Northern Red	30	Yes
393	Tuliptree	39	Yes
400	Ash-White	15	Yes
419	Birch-Sweet	10	Yes
420	Birch-Sweet	7	Yes
421	Birch-Sweet	9	Yes
431	Spruce-Norway	35	Yes
438	Tuliptree	18	...
450	Tuliptree	24	...
451	Tuliptree	23	...
453	Tuliptree	22	...

Tree ID	Common Name	DBH	Poisonous Plants
454	Tuliptree	16	Yes
461	Tuliptree	35	Yes
462	Oak-Pin	20	Yes
465	Tuliptree	20	Yes
475	Tuliptree	28	Yes
480	Maple-Sugar	30	Yes
489	Tuliptree	13	Yes
491	Tuliptree	14	...
498	Tuliptree	28	Yes
505	Tuliptree	17	Yes
507	Tuliptree	23	Yes
515	Spruce-Norway	36	Yes

INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL - NORTH



INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL - SOUTH



DEFECTS OR OBSERVATIONS



DEFECTS OR OBSERVATIONS

The following table lists inventoried trees for which we noted defects, observations, or other structural issues and have pruning and/or removal recommendations that were previously reported.

INVENTORIED TREES WITH DEFECTS, OBSERVATIONS, OR OTHER STRUCTURAL ISSUES (184 Trees)

Tree ID	Common Name	DBH	Defect(s) or Observation(s)
11	Maple-Norway	8	• Sweep • Uneven crown
53	Birch-Sweet	14	• Dead branches <=2 • Girdling material • Lean
64	Birch-Sweet	9	• Dead branches <=2
65	Birch-Sweet	7	• Dead branches <=2 • Uneven crown
66	Birch-Sweet	8	• Dead branches <=2 • Uneven crown
71	Birch-Sweet	10	• Dead branches <=2
72	Birch-Sweet	7	• Lean
73	Birch-Sweet	10	• Dead branches <=2
74	Birch-Sweet	7	• Dead branches <=2 • Lean
78	Birch-Sweet	7	• Dead branches <=2 • Uneven crown
79	Birch-Sweet	10	• Dead branches <=2 • Lean • Uneven crown
83	Birch-Sweet	8,6,6	• Co-dominant stems • Dead branches <=2
84	Hemlock-Canadian	7	• Dead branches <=2
85	Tuliptree	12	• Dead branches <=2
86	Birch-Sweet	10	• Dead branches <=2 • Uneven crown
87	Birch-Sweet	9	• Dead branches <=2
88	Birch-Sweet	7	• Dead branches <=2 • Lean • Uneven crown
89	Birch-Sweet	7	• Dead branches <=2
90	Birch-Sweet	8	• Dead branches <=2
91	Birch-Sweet	8	• Dead branches <=2 • Lean
92	Birch-Sweet	8	• Dead branches <=2

Tree ID	Common Name	DBH	Defect(s) or Observation(s)
			• Lean • Uneven crown
93	Birch-Sweet	7	• Dead branches <=2 • Uneven crown
94	Birch-Sweet	6	• Dead branches <=2 • Lean • Uneven crown
95	Birch-Sweet	6	• Dead branches <=2 • Uneven crown
96	Birch-Sweet	6	• Dead branches <=2 • Lean • Uneven crown
97	Birch-Sweet	7	• Dead branches <=2 • Lean • Uneven crown
98	Birch-Sweet	6	• Dead branches <=2 • Lean • Uneven crown
99	Hemlock-Canadian	7	• Dead branches <=2
100	Hemlock-Canadian	7	• Dead branches <=2
101	Hemlock-Canadian	11	• Dead branches <=2
105	Hemlock-Canadian	6	• Dead branches <=2 • Uneven crown
107	Oak-Northern Red	10	• Dead branches <=2 • Uneven crown
108	Birch-Sweet	13	• Dead branches <=2
109	Hemlock-Canadian	9	• Dead branches <=2
110	Hemlock-Canadian	13	• Dead branches <=2 • Hanger
111	Hemlock-Canadian	14	• Dead branches <=2
112	Hemlock-Canadian	9	• Dead branches <=2
113	Hemlock-Canadian	9	• Dead branches <=2
114	Hemlock-Canadian	12	• Dead branches <=2
116	Hemlock-Canadian	9	• Dead branches <=2
117	Hemlock-Canadian	7	• Dead branches <=2 • Uneven crown
119	Hemlock-Canadian	7	• Dead branches <=2
120	Birch-Sweet	6	• Lean • Uneven crown
121	Birch-Sweet	6	• Dead branches <=2 • Lean • Uneven crown
122	Birch-Sweet	7	• Uneven crown
123	Birch-Sweet	6	• Uneven crown
124	Hemlock-Canadian	12	• Dead branches <=2

Tree ID	Common Name	DBH	Defect(s) or Observation(s)
			• Uneven crown
125	Hemlock-Canadian	8	• Dead branches <=2 • Uneven crown
126	Hemlock-Canadian	7	• Dead branches <=2
127	Birch-Sweet	6	• Dead branches <=2 • Uneven crown
128	Birch-Sweet	6	• Lean • Uneven crown
129	Birch-Sweet	7	• Lean
130	Birch-Sweet	9	• Uneven crown
133	Birch-Sweet	6	• Dead branches <=2 • Sweep
134	Birch-Sweet	6	• Dead branches <=2 • Uneven crown
138	Birch-Sweet	6	• Lean
139	Birch-Sweet	6	• Lean • Uneven crown
141	Hemlock-Canadian	6	• Dead branches <=2
142	Hemlock-Canadian	9	• Dead branches <=2
145	Birch-Sweet	8	• Dead branches <=2 • Uneven crown
146	Birch-Sweet	9	• Dead branches <=2 • Lean
147	Birch-Sweet	6	• Uneven crown
148	Birch-Sweet	7	• Dead branches <=2
149	Birch-Sweet	8	• Dead branches <=2 • Uneven crown
150	Hemlock-Canadian	7	• Dead branches <=2
151	Birch-Sweet	10	• Dead branches <=2 • Lean
152	Hemlock-Canadian	12	• Dead branches <=2
153	Birch-Sweet	8,5	• Co-dominant stems • Dead branches <=2
154	Birch-Sweet	9	• Dead branches <=2 • Hanger
161	Oak-Northern Red	9	• Dead branches <=2 • Uneven crown
162	Oak-Northern Red	6	• Dead branches <=2 • Lean
175	Hemlock-Canadian	11	• Co-dominant stems • Dead branches <=2
181	Hemlock-Canadian	8	• Dead branches <=2
182	Hemlock-Canadian	12	• Dead branches <=2
183	Hemlock-Canadian	13	• Dead branches <=2
185	Hemlock-Canadian	10	• Dead branches <=2

Tree ID	Common Name	DBH	Defect(s) or Observation(s)
191	Hemlock-Canadian	11	• Dead branches <=2
192	Hemlock-Canadian	14	• Dead branches <=2
193	Pine-Eastern White	21	• Lean
197	Oak-Pin	19	• Dead branches <=2 • Lean
203	Birch-Gray	7	• Dead branches <=2 • Lean
207	Birch-Sweet	9	• Dead branches <=2 • Lean • Uneven crown
214	Tuliptree	22	• Dead branches <=2 • Girdling roots present
215	Maple-Red	10	• Dead branches <=2 • Uneven crown
217	Maple-Red	9	• Dead branches <=2
221	Maple-Red	6	• Dead branches <=2 • Uneven crown
222	Tuliptree	12	• Dead branches <=2
228	Maple-Norway	12	• Dead branches <=2
229	Maple-Norway	14	• Dead branches <=2 • Uneven crown
231	Maple-Norway	28	• Dead branches <=2 • Lean • Seam
232	Maple-Norway	12	• Dead branches <=2 • Lean • Sweep
233	Maple-Norway	9	• Broken branch(s) • Dead branches <=2 • Lean
235	Oak-Northern Red	9	• Dead branches <=2 • Uneven crown
236	Oak-Northern Red	7	• Dead branches <=2
252	Maple-Norway	10	• Broken branch(s) • Sweep
253	Linden-American	10	• Dead branches <=2
255	Elm-American	9	• Dead branches <=2
256	Maple-Red	17	• Uneven crown
257	Maple-Norway	17	• Dead branches <=2
260	Maple-Sugar	17	• Hanger • Uneven crown
261	Maple-Sugar	22	• Dead branches <=2 • Sweep • Uneven crown
262	Maple-Sugar	27	• Dead branches <=2

Tree ID	Common Name	DBH	Defect(s) or Observation(s)
268	Maple-Red	14	• Dead branches <=2
270	Maple-Norway	13	• Dead branches <=2
276	Hemlock-Canadian	9	• Dead branches <=2
291	Birch-Sweet	19	• Wound-root flare
292	Birch-Sweet	12	• Wound-root • Wound-stem
310	Tupelo-Black	12	• Dead branches <=2
312	Sassafras-Common	7	• Dead branches <=2 • Sweep
314	Hemlock-Canadian	7	• Dead branches <=2
315	Birch-Yellow	9	• Dead branches <=2 • Uneven crown
317	Hemlock-Canadian	8	• Dead branches <=2
318	Hemlock-Canadian	10	• Dead branches <=2
319	Birch-Yellow	8	• Dead branches <=2 • Uneven crown
320	Birch-Sweet	15	• Dead branches <=2 • Uneven crown • Wound-root
321	Birch-Sweet	7	• Dead branches <=2
322	Birch-Sweet	8	• Dead branches <=2 • Uneven crown
324	Tuliptree	10	• Uneven crown
325	Tuliptree	11	• Corrected lean
327	Tuliptree	8	• Hanger
328	Birch-Sweet	8	• Sweep
330	Tuliptree	14	• Uneven crown
332	Birch-Yellow	8	• Dead branches <=2 • Wound-stem
333	Birch-Sweet	10	• Dead branches <=2 • Wound-stem
337	Birch-Sweet	6	• Lean • Uneven crown
340	Birch-Sweet	10	• Lean
342	Tuliptree	12	• Sweep
343	Birch-Sweet	10	• Lean
344	Birch-Sweet	11	• Uneven crown
346	Birch-Sweet	8	• Uneven crown
347	Birch-Sweet	11	• Dead branches <=2
348	Birch-Sweet	11	• Uneven crown
353	Tuliptree	16	• Uneven crown
357	Birch-Sweet	6	• Lean • Uneven crown
360	Tuliptree	12	• Sweep
364	Tuliptree	9	• Lean

Tree ID	Common Name	DBH	Defect(s) or Observation(s)
			• Sweep • Uneven crown
365	Tuliptree	8	• Uneven crown
366	Tuliptree	19	• Corrected lean
371	Tuliptree	7	• Uneven crown
373	Tuliptree	7	• Dead branches <=2
375	Birch-Sweet	10	• Dead branches <=2 • Lean • Sweep
376	Birch-Sweet	7	• Lean • Sweep
377	Birch-Sweet	9	• Lean • Uneven crown
378	Birch-Sweet	12	• Dead branches <=2 • Wound-root • Wound-stem
379	Maple-Red	7	• Dead branches <=2 • Uneven crown
380	Maple-Red	14	• Dead branches <=2 • Hanger
383	Tuliptree	14	• Sweep • Topping/heading cuts
387	Maple-Norway	13	• Hanger
388	Spruce-Norway	10	• Dead branches <=2
395	Birch-Sweet	11	• Lean
403	Sassafras-Common	9	• Lean
408	Tuliptree	11	• Uneven crown
409	Hemlock-Canadian	8	• Dead branches <=2
411	Birch-Sweet	10	• Lean
412	Hemlock-Canadian	6	• Dead branches <=2
413	Tuliptree	19	• Dead branches <=2
414	Tuliptree	16	• Dead branches <=2
415	Birch-Sweet	6	• Uneven crown
416	Birch-Sweet	10	• Lean • Uneven crown
417	Birch-Sweet	11	• Lean • Uneven crown
418	Birch-Sweet	11	• Uneven crown
419	Birch-Sweet	10	• Dead branches <=2
420	Birch-Sweet	7	• Uneven crown
421	Birch-Sweet	9	• Uneven crown
422	Birch-Sweet	9	• Sweep
424	Tuliptree	15	• Co-dominant stems • Uneven crown
425	Tuliptree	6	• Uneven crown

Tree ID	Common Name	DBH	Defect(s) or Observation(s)
429	Birch-Sweet	11	• Sweep • Wound-root flare
430	Spruce-Norway	6	• Dead branches <=2
432	Tuliptree	21	• Co-dominant stems • Uneven crown
433	Tuliptree	8	• Dead branches <=2 • Sweep
436	Birch-Sweet	11	• Dead branches <=2
437	Tuliptree	18	• Uneven crown
439	Tuliptree	26	• Broken branch(s)
454	Tuliptree	16	• Uneven crown • Wound-root flare
455	Tuliptree	19	• Sweep
486	Tuliptree	18	• Dead branches <=2 • Uneven crown
488	Tuliptree	21	• Dead branches <=2
489	Tuliptree	13	• Dead branches <=2
495	Tuliptree	14	• Dead branches <=2
496	Tuliptree	19	• Dead branches <=2
497	Tuliptree	16	• Dead branches <=2
505	Tuliptree	17	• Dead branches <=2 • Uneven crown
521	Arborvitae-White Cedar	18	• Dead branches <=2 • Lean

INVENTORIED TREES WITH DEFECTS, OBSERVATIONS, OR OTHER STRUCTURAL ISSUES - NORTH



INVENTORIED TREES WITH DEFECTS, OBSERVATIONS, OR OTHER STRUCTURAL ISSUES - SOUTH



ENTIRE INVENTORY



ENTIRE INVENTORY (524 Trees)

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
1	Spruce-Norway	<i>Picea</i>	<i>abies</i>	34	Large	Mature	Good	1	\$24,200.00
2	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	26	Large	Mature	Good	3	\$14,561.00
3	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	13	Large	Semi-mature	Fair	1	\$2,600.00
4	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18	Large	Semi-mature	Fair	3	\$4,985.00
5	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	27	Large	Mature	Fair	3	\$11,216.00
6	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
7	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	8	Medium	Semi-mature	Fair	3	\$984.00
8	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	23	Large	Semi-mature	Fair	3	\$8,139.00
9	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	34	Large	Mature	Poor	1	\$10,371.00
10	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	16	Large	Semi-mature	Fair	2	\$3,938.00
11	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	8	Large	Semi-mature	Fair	...	\$984.70
12	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	7	Large	Semi-mature	Fair	3	\$753.91
13	Spruce-Norway	<i>Picea</i>	<i>abies</i>	26	Large	Mature	Fair	3	\$10,400.00
14	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
15	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	2	\$1,246.00
16	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	2	\$1,861.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
17	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	9	Large	Semi-mature	Fair	2	\$1,246.00
18	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	3	\$2,600.00
19	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	15	Large	Semi-mature	Fair	3	\$3,461.00
20	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	44	Large	Mature	Fair	1	\$25,747.00
21	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	8	Large	Semi-mature	Fair	3	\$984.00
22	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	39	Large	Mature	Fair	1	\$21,680.00
23	Spruce-Norway	<i>Picea</i>	<i>abies</i>	20	Large	Semi-mature	Fair	3	\$6,154.00
24	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	17	Large	Semi-mature	Fair	3	\$4,446.00
25	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	3	\$1,246.00
26	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	6	Medium	Young	Good	...	\$775.00
27	Spruce-Norway	<i>Picea</i>	<i>abies</i>	33	Large	Mature	Fair	1	\$16,367.00
28	Spruce-Norway	<i>Picea</i>	<i>abies</i>	21	Large	Mature	Good	1	\$9,499.00
29	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	6	Medium	Young	Fair	1	\$553.00
30	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	13	Large	Semi-mature	Fair	2	\$2,600.00
31	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	21	Large	Semi-mature	Fair	1	\$6,785.00
32	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Fair	3	\$1,246.00
33	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	11	Large	Semi-mature	Fair	3	\$1,861.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
34	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	16	Large	Semi-mature	Fair	3	\$3,938.00
35	Oak-Chestnut	<i>Quercus</i>	<i>montana</i>	9	Large	Semi-mature	Fair	3	\$1,246.00
36	Oak-Chestnut	<i>Quercus</i>	<i>montana</i>	8	Large	Semi-mature	Fair	3	\$984.00
37	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	14	Large	Semi-mature	Dead	1	...
38	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	16	Large	Semi-mature	Fair	3	\$3,938.00
39	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	31,28	Large	Mature	Fair	1	\$26,554.00
40	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Good	3	\$1,744.00
41	Maple-Red	<i>Acer</i>	<i>rubrum</i>	15	Large	Semi-mature	Fair	1	\$3,461.00
42	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	10	Large	Semi-mature	Good	2	\$2,154.00
43	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Good	2	\$1,744.00
44	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Large	Semi-mature	Fair	3	\$753.00
45	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	15	Large	Semi-mature	Good	3	\$4,846.00
46	Maple-Red	<i>Acer</i>	<i>rubrum</i>	19	Large	Semi-mature	Fair	3	\$5,554.00
47	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	15	Large	Semi-mature	Fair	3	\$3,461.00
48	Oak-Black	<i>Quercus</i>	<i>velutina</i>	21	Large	Semi-mature	Poor	1	\$4,071.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
49	Maple-Red	<i>Acer</i>	<i>rubrum</i>	12	Large	Semi-mature	Fair	3	\$2,215.00
50	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	10	Large	Semi-mature	Fair	3	\$1,538.00
51	Oak-Chestnut	<i>Quercus</i>	<i>montana</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
52	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	7	Medium	Semi-mature	Fair	3	\$753.00
53	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	14	Large	Semi-mature	Fair	...	\$3,015.00
54	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	18	Large	Semi-mature	Good	2	\$6,979.00
55	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Good	2	\$1,378.00
56	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	12	Large	Semi-mature	Fair	1	\$2,215.00
57	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Good	1	\$3,101.00
58	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	2	\$753.00
59	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Good	...	\$2,154.00
60	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Good	...	\$1,744.00
61	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	3	\$1,246.00
62	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Fair	3	\$1,246.00
63	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Fair	3	\$984.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
64	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
65	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
66	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00
67	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	2	\$1,861.00
68	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	2	\$553.00
69	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	2	\$1,861.00
70	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	13	Large	Semi-mature	Fair	2	\$2,600.00
71	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
72	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
73	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
74	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
75	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	2	\$984.00
76	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	2	\$1,246.00
77	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	2	\$984.00
78	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
79	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
80	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	23	Large	Semi-mature	Good	1	\$11,394.00
81	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	25	Large	Semi-mature	Fair	1	\$9,616.00
82	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	13	Large	Semi-mature	Fair	1	\$2,600.00
83	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8,6,6	Large	Semi-mature	Fair	...	\$2,092.00
84	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Medium	Semi-mature	Fair	...	\$753.00
85	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
86	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
87	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Good	...	\$1,744.00
88	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
89	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
90	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00
91	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00
92	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00
93	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
94	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
95	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
96	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
97	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
98	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
99	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Large	Semi-mature	Fair	...	\$753.00
100	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Large	Semi-mature	Fair	...	\$753.00
101	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
102	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	25	Large	Semi-mature	Fair	3	\$9,616.00
103	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	16	Large	Semi-mature	Fair	1	\$3,938.00
104	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	18	Large	Semi-mature	Fair	3	\$4,985.00
105	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	6	Medium	Semi-mature	Fair	...	\$553.00
106	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Large	Semi-mature	Fair	3	\$1,538.00
107	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	10	Medium	Semi-mature	Fair	...	\$1,538.00
108	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	13	Large	Semi-mature	Good	...	\$3,640.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
109	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Medium	Semi-mature	Fair	...	\$1,246.00
110	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	...	\$2,600.00
111	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	14	Large	Semi-mature	Good	...	\$4,221.00
112	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
113	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
114	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
115	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Fair	3	\$2,215.00
116	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Good	...	\$1,744.00
117	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Large	Semi-mature	Fair	...	\$753.00
118	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	3	\$2,600.00
119	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Large	Semi-mature	Fair	...	\$753.00
120	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
121	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
122	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
123	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
124	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
125	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Fair	...	\$984.00
126	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Medium	Semi-mature	Fair	...	\$753.00
127	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
128	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
129	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
130	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
131	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Good	...	\$2,154.00
132	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Good	...	\$775.00
133	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
134	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
135	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	2	\$1,861.00
136	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	2	\$984.00
137	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	2	\$753.00
138	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
139	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
140	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Good	...	\$1,055.00
141	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	6	Large	Semi-mature	Fair	...	\$553.00
142	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Medium	Semi-mature	Good	...	\$1,744.00
143	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	2	\$753.00
144	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	2	\$753.00
145	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00
146	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
147	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
148	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Good	...	\$1,055.00
149	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00
150	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Large	Semi-mature	Good	...	\$1,055.00
151	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
152	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
153	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8,5	Large	Semi-mature	Fair	...	\$1,369.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
154	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
155	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	2	\$753.00
156	Poplar-Eastern	<i>Populus</i>	<i>deltoides</i>	13	Large	Semi-mature	Poor	1	\$1,560.00
157	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	18	Large	Semi-mature	Fair	1	\$4,985.00
158	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	11	Large	Semi-mature	Fair	2	\$1,861.00
159	Oak-Black	<i>Quercus</i>	<i>velutina</i>	14	Large	Semi-mature	Fair	2	\$3,015.00
160	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	3	\$2,600.00
161	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
162	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	6	Large	Semi-mature	Fair	...	\$553.00
163	Oak-Black	<i>Quercus</i>	<i>velutina</i>	12	Large	Semi-mature	Fair	1	\$2,215.00
164	Oak-Black	<i>Quercus</i>	<i>velutina</i>	12	Large	Semi-mature	Fair	1	\$2,215.00
165	Oak-Black	<i>Quercus</i>	<i>velutina</i>	14	Large	Semi-mature	Fair	1	\$3,015.00
166	Oak-Black	<i>Quercus</i>	<i>velutina</i>	8	Large	Semi-mature	Fair	1	\$984.00
167	Oak-Black	<i>Quercus</i>	<i>velutina</i>	14	Large	Semi-mature	Fair	1	\$3,015.00
168	Oak-Black	<i>Quercus</i>	<i>velutina</i>	7	Large	Semi-mature	Fair	1	\$753.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
169	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	16	Large	Semi-mature	Fair	1	\$3,938.00
170	Oak-Black	<i>Quercus</i>	<i>velutina</i>	18	Large	Semi-mature	Fair	1	\$4,985.00
171	Oak-Black	<i>Quercus</i>	<i>velutina</i>	13	Large	Semi-mature	Fair	2	\$2,600.00
172	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	8	Large	Semi-mature	Fair	3	\$984.00
173	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	10	Large	Semi-mature	Fair	3	\$1,538.00
174	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	10	Large	Semi-mature	Fair	2	\$1,538.00
175	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
176	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	15	Large	Semi-mature	Fair	3	\$3,461.00
177	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	20	Large	Semi-mature	Fair	3	\$6,154.00
178	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	17	Large	Semi-mature	Fair	3	\$4,446.00
179	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
180	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	19	Large	Semi-mature	Fair	3	\$5,554.00
181	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Fair	...	\$984.00
182	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
183	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	...	\$2,600.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
184	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	20	Large	Semi-mature	Fair	3	\$6,154.00
185	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
186	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
187	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	9	Large	Semi-mature	Fair	3	\$1,246.00
188	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	33	Large	Mature	Fair	3	\$16,367.67
189	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	19	Large	Semi-mature	Fair	3	\$5,554.00
190	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Fair	3	\$2,215.00
191	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
192	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	14	Large	Semi-mature	Fair	...	\$3,015.00
193	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	21	Large	Semi-mature	Good	...	\$9,499.00
194	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	33	Large	Mature	Fair	3	\$16,367.67
195	Spruce-Norway	<i>Picea</i>	<i>abies</i>	10	Large	Semi-mature	Good	...	\$2,154.00
196	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
197	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	19	Large	Semi-mature	Fair	...	\$5,554.00
198	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	14	Large	Semi-mature	Fair	2	\$3,015.00
199	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	34	Large	Mature	Fair	1	\$17,286.02

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
200	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	7	Medium	Semi-mature	Fair	3	\$753.00
201	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Large	Semi-mature	Fair	3	\$1,538.00
202	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	21	Large	Semi-mature	Fair	3	\$6,785.00
203	Birch-Gray	<i>Betula</i>	<i>populifolia</i>	7	Medium	Semi-mature	Fair	...	\$753.00
204	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	12	Large	Semi-mature	Fair	3	\$2,215.00
205	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	9	Medium	Semi-mature	Fair	3	\$1,246.00
206	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	25	Large	Semi-mature	Fair	3	\$9,616.00
207	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Medium	Semi-mature	Fair	...	\$1,246.00
208	Maple-Red	<i>Acer</i>	<i>rubrum</i>	23	Large	Semi-mature	Fair	3	\$8,139.00
209	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	22	Large	Semi-mature	Fair	3	\$7,446.00
210	Spruce-Norway	<i>Picea</i>	<i>abies</i>	36	Large	Mature	Fair	3	\$19,083.00
211	Spruce-Norway	<i>Picea</i>	<i>abies</i>	36	Large	Mature	Fair	3	\$19,083.34
212	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	3	\$2,600.00
213	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	10	Medium	Semi-mature	Fair	3	\$1,538.00
214	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	22	Large	Semi-mature	Fair	...	\$7,446.00
215	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Large	Semi-mature	Fair	...	\$1,538.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
216	Osage Orange	<i>Maclura</i>	<i>pomifera</i>	12	Medium	Semi-mature	Fair	3	\$2,215.00
217	Maple-Red	<i>Acer</i>	<i>rubrum</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
218	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
219	Maple-Red	<i>Acer</i>	<i>rubrum</i>	16	Large	Semi-mature	Fair	3	\$3,938.00
220	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Large	Semi-mature	Fair	3	\$1,538.00
221	Maple-Red	<i>Acer</i>	<i>rubrum</i>	6	Medium	Semi-mature	Fair	...	\$553.00
222	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
223	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	37	Large	Mature	Fair	3	\$19,962.31
224	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	16	Large	Semi-mature	Fair	3	\$3,938.00
225	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	19	Large	Semi-mature	Fair	3	\$5,554.00
226	Oak-Chestnut	<i>Quercus</i>	<i>montana</i>	18	Large	Semi-mature	Fair	3	\$4,985.00
227	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	23	Large	Semi-mature	Fair	3	\$8,139.00
228	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
229	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	14	Large	Semi-mature	Fair	...	\$3,015.00
230	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	10	Medium	Semi-mature	Dead	1	...
231	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	28	Large	Mature	Fair	...	\$12,062.62

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
232	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
233	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
234	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	10	Large	Semi-mature	Fair	3	\$1,538.00
235	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
236	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	7	Large	Semi-mature	Fair	...	\$753.00
237	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	15	Large	Semi-mature	Fair	3	\$3,461.00
238	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	9	Large	Semi-mature	Fair	3	\$1,246.00
239	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	15	Large	Semi-mature	Fair	2	\$3,461.00
240	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	19	Large	Semi-mature	Fair	2	\$5,554.00
241	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	22	Large	Semi-mature	Fair	2	\$7,446.00
242	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	21	Large	Semi-mature	Fair	2	\$6,785.00
243	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	19	Large	Semi-mature	Fair	2	\$5,554.00
244	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	22	Large	Semi-mature	Fair	1	\$7,446.00
245	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	33	Large	Mature	Fair	2	\$16,367.67
246	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	33	Large	Mature	Fair	2	\$16,367.00
247	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	15	Large	Semi-mature	Poor	1	\$2,077.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
248	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	34	Large	Mature	Fair	2	\$17,286.02
249	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	9	Large	Semi-mature	Fair	2	\$1,246.00
250	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	34	Large	Mature	Fair	1	\$17,286.02
251	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	25	Large	Semi-mature	Fair	1	\$9,616.00
252	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
253	Linden-American	<i>Tilia</i>	<i>americana</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
254	Maple-Red	<i>Acer</i>	<i>rubrum</i>	17	Large	Semi-mature	Fair	3	\$4,446.00
255	Elm-American	<i>Ulmus</i>	<i>americana</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
256	Maple-Red	<i>Acer</i>	<i>rubrum</i>	17	Large	Semi-mature	Fair	...	\$4,446.00
257	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	17	Large	Semi-mature	Fair	...	\$4,446.00
258	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	32	Large	Mature	Fair	1	\$15,436.18
259	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	10	Large	Semi-mature	Good	...	\$2,154.00
260	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	17	Large	Semi-mature	Fair	...	\$4,446.00
261	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	22	Large	Semi-mature	Fair	...	\$7,446.00
262	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	27	Large	Mature	Fair	...	\$11,216.39
263	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	43	Large	Mature	Fair	1	\$24,960.31
264	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	26	Large	Mature	Fair	3	\$10,400.94

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
265	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	17	Large	Semi-mature	Fair	1	\$4,446.00
266	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	24	Large	Semi-mature	Fair	1	\$8,862.00
267	Maple-Red	<i>Acer</i>	<i>rubrum</i>	23	Large	Semi-mature	Fair	3	\$8,139.00
268	Maple-Red	<i>Acer</i>	<i>rubrum</i>	14	Large	Semi-mature	Fair	...	\$3,015.00
269	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	19	Large	Semi-mature	Fair	3	\$5,554.00
270	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	13	Large	Semi-mature	Fair	...	\$2,600.00
271	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	14	Large	Semi-mature	Fair	2	\$3,015.00
272	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	10	Large	Semi-mature	Fair	2	\$1,538.00
273	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	35	Large	Mature	Fair	1	\$18,191.25
274	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
275	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	8	Large	Semi-mature	Fair	...	\$984.00
276	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9	Large	Semi-mature	Good	...	\$1,744.00
277	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	23	Large	Semi-mature	Poor	1	\$4,883.00
278	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	31	Large	Mature	Fair	2	\$14,491.00
279	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	14	Large	Semi-mature	Dead	1	...
280	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Medium	Semi-mature	Dead	1	...

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
281	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Medium	Semi-mature	Dead	1	...
282	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	16	Large	Semi-mature	Dead	1	...
283	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	19	Large	Semi-mature	Fair	3	\$5,554.00
284	Oak-Black	<i>Quercus</i>	<i>velutina</i>	34	Large	Mature	Fair	3	\$17,286.00
285	Maple-Red	<i>Acer</i>	<i>rubrum</i>	13	Large	Semi-mature	Fair	3	\$2,600.00
286	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	33	Large	Mature	Fair	3	\$16,367.00
287	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	23	Large	Mature	Fair	3	\$8,139.00
288	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Medium	Semi-mature	Fair	3	\$984.00
289	Birch-Yellow	<i>Betula</i>	<i>alleghaniensis</i>	8	Large	Semi-mature	Fair	3	\$984.00
290	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	6	Medium	Semi-mature	Fair	3	\$553.00
291	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	19	Large	Semi-mature	Fair	...	\$5,554.00
292	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
293	Spruce-Norway	<i>Picea</i>	<i>abies</i>	26	Large	Mature	Fair	3	\$10,400.00
294	Maple-Red	<i>Acer</i>	<i>rubrum</i>	18	Large	Semi-mature	Fair	3	\$4,985.00
295	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	23	Large	Mature	Fair	3	\$8,139.00
296	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	19,15	Large	Semi-mature	Poor	1	\$5,409.00
297	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	3	\$2,600.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
298	Spruce-Norway	<i>Picea</i>	<i>abies</i>	15	Large	Semi-mature	Fair	3	\$3,461.00
299	Hickory-Shagbark	<i>Carya</i>	<i>ovata</i>	21	Large	Semi-mature	Fair	1	\$6,785.00
300	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	11	Large	Semi-mature	Fair	3	\$1,861.00
301	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
302	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Large	Semi-mature	Fair	3	\$2,215.00
303	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	1	\$5,554.00
304	Hickory-Pignut	<i>Carya</i>	<i>glabra</i>	14	Large	Semi-mature	Fair	1	\$3,015.00
305	Maple-Red	<i>Acer</i>	<i>rubrum</i>	11	Large	Semi-mature	Fair	2	\$1,861.00
306	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	21	Large	Semi-mature	Fair	3	\$6,785.00
307	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	9	Large	Semi-mature	Poor	1	\$747.00
308	Oak-Chestnut	<i>Quercus</i>	<i>montana</i>	26	Large	Mature	Fair	1	\$10,400.00
309	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	28	Large	Mature	Fair	1	\$12,062.00
310	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
311	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	48	Large	Mature	Fair	1	\$28,764.00
312	Sassafras-Common	<i>Sassafras</i>	<i>albidum</i>	7	Large	Semi-mature	Fair	...	\$753.00
313	Sassafras-Common	<i>Sassafras</i>	<i>albidum</i>	6	Large	Semi-mature	Good	...	\$775.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
314	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	7	Large	Semi-mature	Fair	...	\$753.00
315	Birch-Yellow	<i>Betula</i>	<i>alleghaniensis</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
316	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	18	Large	Semi-mature	Fair	3	\$4,985.00
317	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Fair	...	\$984.00
318	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
319	Birch-Yellow	<i>Betula</i>	<i>alleghaniensis</i>	8	Large	Semi-mature	Fair	...	\$984.00
320	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	15	Large	Semi-mature	Fair	...	\$3,461.00
321	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
322	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00
323	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	10	Large	Semi-mature	Poor	1	\$923.00
324	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	10	Large	Semi-mature	Good	...	\$2,154.00
325	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
326	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	15	Large	Semi-mature	Good	...	\$4,846.00
327	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	8	Large	Semi-mature	Fair	...	\$984.00
328	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	...	\$984.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
329	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	58	Large	Mature	Fair	1	\$35,387.00
330	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	14	Large	Semi-mature	Fair	...	\$3,015.00
331	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	63	Large	Mature	Fair	1	\$38,205.00
332	Birch-Yellow	<i>Betula</i>	<i>alleghaniensis</i>	8	Large	Semi-mature	Fair	...	\$984.00
333	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
334	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	10	Large	Semi-mature	Fair	2	\$1,538.00
335	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	10	Large	Semi-mature	Fair	2	\$1,538.00
336	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	13	Large	Semi-mature	Fair	2	\$2,600.00
337	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
338	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Fair	2	\$984.00
339	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Fair	3	\$984.00
340	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
341	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	15	Large	Semi-mature	Fair	1	\$3,461.00
342	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
343	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
344	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
345	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Good	...	\$1,378.00
346	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Good	...	\$1,378.00
347	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Good	...	\$2,606.00
348	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
349	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	12	Large	Semi-mature	Good	...	\$3,101.00
350	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	29	Large	Mature	Fair	1	\$12,939.00
351	Oak-Chestnut	<i>Quercus</i>	<i>montana</i>	27,22	Large	Mature	Fair	1	\$18,663.00
352	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Large	Semi-mature	Fair	1	\$1,538.00
353	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Good	...	\$5,514.00
354	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	6	Large	Semi-mature	Fair	2	\$553.00
355	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Fair	1	\$6,154.00
356	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	2	\$553.00
357	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
358	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	15	Large	Semi-mature	Fair	1	\$3,461.00
359	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Good	...	\$7,776.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
360	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
361	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
362	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
363	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	17	Large	Semi-mature	Fair	3	\$4,446.00
364	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
365	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	8	Large	Semi-mature	Fair	...	\$984.00
366	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	...	\$5,554.00
367	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Fair	3	\$3,938.00
368	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18,13	Large	Semi-mature	Fair	3	\$7,585.00
369	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18	Large	Semi-mature	Fair	3	\$4,985.00
370	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	14	Large	Semi-mature	Fair	3	\$3,015.00
371	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	7	Large	Semi-mature	Fair	...	\$753.00
372	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	11	Large	Semi-mature	Fair	3	\$1,861.00
373	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	7	Large	Semi-mature	Fair	...	\$753.00
374	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	17	Large	Semi-mature	Good	...	\$6,225.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
375	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
376	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
377	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
378	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	12	Large	Semi-mature	Fair	...	\$2,215.00
379	Maple-Red	<i>Acer</i>	<i>rubrum</i>	7	Large	Semi-mature	Fair	...	\$753.00
380	Maple-Red	<i>Acer</i>	<i>rubrum</i>	14	Large	Semi-mature	Good	...	\$4,221.00
381	Lilac	<i>Syringa</i>	<i>sp.</i>	9	Medium	Semi-mature	Fair	2	\$1,246.00
382	Cherry-Black	<i>Prunus</i>	<i>serotina</i>	11	Large	Semi-mature	Fair	1	\$1,861.00
383	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	14	Large	Semi-mature	Fair	...	\$3,015.00
384	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	30	Large	Mature	Fair	1	\$13,847.00
385	Oak-Chestnut	<i>Quercus</i>	<i>montana</i>	17	Large	Semi-mature	Fair	1	\$4,446.00
386	Hophornbeam-American	<i>Ostrya</i>	<i>virginiana</i>	7	Medium	Semi-mature	Dead	1	...
387	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	13	Large	Semi-mature	Good	...	\$3,640.00
388	Spruce-Norway	<i>Picea</i>	<i>abies</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
389	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	30	Large	Mature	Fair	3	\$13,847.00
390	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	32	Large	Mature	Dead	1	...

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
391	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Good	...	\$1,744.00
392	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	33	Large	Mature	Fair	2	\$16,367.00
393	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	39	Large	Mature	Fair	1	\$21,680.00
394	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	21	Medium	Semi-mature	Good	2	\$9,499.00
395	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
396	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	26	Large	Mature	Fair	1	\$10,400.00
397	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	27	Large	Mature	Fair	1	\$11,216.00
398	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	32	Large	Mature	Fair	1	\$15,436.00
399	Maple-Red	<i>Acer</i>	<i>rubrum</i>	11	Large	Semi-mature	Fair	2	\$1,861.00
400	Ash-White	<i>Fraxinus</i>	<i>americana</i>	15	Large	Semi-mature	Poor	1	\$2,077.00
401	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	13	Large	Semi-mature	Fair	3	\$2,600.00
402	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	6	Medium	Semi-mature	Fair	...	\$553.00
403	Sassafras-Common	<i>Sassafras</i>	<i>albidum</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
404	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Good	...	\$7,776.00
405	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	3	\$5,554.00
406	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	11	Large	Semi-mature	Fair	3	\$1,861.00
407	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Good	...	\$8,616.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
408	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
409	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8	Large	Semi-mature	Fair	...	\$984.00
410	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	3	\$1,861.00
411	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	...	\$1,538.00
412	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	6	Large	Semi-mature	Fair	...	\$553.00
413	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Good	...	\$7,776.00
414	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Good	...	\$5,514.00
415	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	6	Large	Semi-mature	Fair	...	\$553.00
416	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Good	...	\$2,154.00
417	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
418	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Good	...	\$2,606.00
419	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Good	...	\$2,154.00
420	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	7	Large	Semi-mature	Fair	...	\$753.00
421	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	...	\$1,246.00
422	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	...	\$1,246.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
423	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Fair	1	\$6,154.00
424	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	15	Large	Semi-mature	Fair	...	\$3,461.00
425	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	6	Large	Semi-mature	Fair	...	\$553.00
426	Spruce-Norway	<i>Picea</i>	<i>abies</i>	30	Large	Mature	Fair	2	\$13,847.00
427	Sassafras-Common	<i>Sassafras</i>	<i>albidum</i>	10	Large	Semi-mature	Dead	1	...
428	Maple-Red	<i>Acer</i>	<i>rubrum</i>	8	Large	Semi-mature	Fair	3	\$984.00
429	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Fair	...	\$1,861.00
430	Spruce-Norway	<i>Picea</i>	<i>abies</i>	6	Large	Semi-mature	Good	...	\$775.00
431	Spruce-Norway	<i>Picea</i>	<i>abies</i>	35	Large	Mature	Fair	1	\$18,191.00
432	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	21	Large	Semi-mature	Fair	...	\$6,785.00
433	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	8	Large	Semi-mature	Fair	...	\$984.00
434	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	23	Large	Semi-mature	Fair	1	\$8,139.00
435	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	12	Large	Semi-mature	Fair	2	\$2,215.00
436	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	11	Large	Semi-mature	Good	...	\$2,606.00
437	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18	Large	Semi-mature	Fair	...	\$4,985.00
438	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18	Large	Semi-mature	Fair	2	\$4,985.00
439	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	26	Large	Mature	Good	...	\$14,561.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
440	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	21	Large	Semi-mature	Fair	1	\$6,785.00
441	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	22	Large	Semi-mature	Good	2	\$10,425.00
442	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	21	Large	Semi-mature	Fair	2	\$6,785.00
443	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	15	Large	Semi-mature	Fair	2	\$3,461.00
444	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	23	Large	Semi-mature	Fair	3	\$8,139.00
445	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	26	Large	Mature	Fair	3	\$10,400.00
446	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	22	Large	Semi-mature	Fair	1	\$7,446.00
447	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	25	Large	Mature	Fair	1	\$9,616.00
448	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Fair	2	\$6,154.00
449	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	2	\$5,554.00
450	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	24	Large	Mature	Fair	2	\$8,862.00
451	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	23	Large	Semi-mature	Fair	2	\$8,139.00
452	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	31	Large	Mature	Fair	2	\$14,491.00
453	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	22	Large	Semi-mature	Fair	2	\$7,446.00
454	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Fair	...	\$3,938.00
455	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	...	\$5,554.00
456	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	26	Large	Mature	Fair	1	\$10,400.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
457	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18	Large	Semi-mature	Fair	1	\$4,985.00
458	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Fair	...	\$3,938.00
459	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	23	Large	Semi-mature	Fair	2	\$8,139.00
460	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	24	Large	Semi-mature	Fair	2	\$8,862.00
461	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	35	Large	Mature	Fair	1	\$18,191.00
462	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	20	Large	Semi-mature	Fair	2	\$6,154.00
463	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	35	Large	Mature	Fair	1	\$18,191.00
464	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	24	Large	Mature	Fair	1	\$8,862.00
465	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Fair	1	\$6,154.00
466	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	22	Large	Semi-mature	Fair	2	\$7,446.00
467	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	10	Large	Semi-mature	Fair	1	\$1,538.00
468	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	8	Large	Semi-mature	Fair	2	\$984.00
469	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	9	Large	Semi-mature	Fair	2	\$1,246.00
470	Birch-Sweet	<i>Betula</i>	<i>lenta</i>	18	Large	Semi-mature	Fair	2	\$4,985.00
471	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	26	Large	Mature	Fair	1	\$10,400.00
472	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	2	\$5,554.00
473	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	21	Large	Semi-mature	Fair	2	\$6,785.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
474	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	2	\$5,554.00
475	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	28	Large	Mature	Fair	2	\$12,062.00
476	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	28	Large	Mature	Fair	2	\$12,062.00
477	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	22	Large	Semi-mature	Fair	2	\$7,446.00
478	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Good	...	\$5,514.00
479	Horsechestnut-Common	<i>Aesculus</i>	<i>hippocastanum</i>	26	Large	Mature	Fair	2	\$10,400.00
480	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	30	Large	Mature	Fair	1	\$13,847.00
481	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	31	Large	Mature	Poor	1	\$8,694.00
482	Spruce-Norway	<i>Picea</i>	<i>abies</i>	6	Small	Semi-mature	Fair	4	\$553.00
483	Spruce-Norway	<i>Picea</i>	<i>abies</i>	8	Small	Semi-mature	Fair	4	\$984.00
484	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	43	Large	Mature	Fair	1	\$24,960.00
485	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	19	Large	Semi-mature	Poor	1	\$3,332.00
486	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18	Large	Semi-mature	Fair	...	\$4,985.00
487	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	2	\$5,554.00
488	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	21	Large	Semi-mature	Fair	...	\$6,785.00
489	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	13	Large	Semi-mature	Fair	...	\$2,600.00
490	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	15	Large	Semi-mature	Fair	2	\$3,461.00
491	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	14	Large	Semi-mature	Fair	2	\$3,015.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
492	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Fair	2	\$6,154.00
493	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	24	Large	Mature	Fair	2	\$8,862.00
494	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Fair	2	\$3,938.00
495	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	14	Large	Semi-mature	Good	...	\$4,221.00
496	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	...	\$5,554.00
497	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	16	Large	Semi-mature	Fair	...	\$3,938.00
498	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	28	Large	Mature	Fair	2	\$12,062.00
499	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	17	Large	Semi-mature	Fair	2	\$4,446.00
500	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Fair	2	\$6,154.00
501	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	15	Large	Semi-mature	Fair	2	\$3,461.00
502	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	19	Large	Semi-mature	Fair	2	\$5,554.00
503	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	20	Large	Semi-mature	Fair	3	\$6,154.00
504	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18	Large	Semi-mature	Fair	3	\$4,985.00
505	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	17	Large	Semi-mature	Fair	...	\$4,446.00
506	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	21	Large	Semi-mature	Fair	3	\$6,785.00
507	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	23	Large	Semi-mature	Fair	2	\$8,139.00
508	Spruce-Norway	<i>Picea</i>	<i>abies</i>	35	Large	Mature	Good	1	\$25,467.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
509	Spruce-Norway	<i>Picea</i>	<i>abies</i>	43	Large	Mature	Fair	1	\$24,960.00
510	Spruce-Norway	<i>Picea</i>	<i>abies</i>	35	Large	Mature	Poor	1	\$10,914.00
511	Spruce-Norway	<i>Picea</i>	<i>abies</i>	36	Large	Mature	Fair	1	\$19,083.00
512	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	23	Large	Semi-mature	Fair	2	\$8,139.00
513	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	32	Large	Mature	Fair	1	\$15,436.00
514	Spruce-Norway	<i>Picea</i>	<i>abies</i>	38	Large	Mature	Good	1	\$29,159.00
515	Spruce-Norway	<i>Picea</i>	<i>abies</i>	36	Large	Mature	Good	2	\$26,716.00
516	Spruce-Norway	<i>Picea</i>	<i>abies</i>	29	Large	Mature	Good	2	\$18,115.00
517	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	21	Medium	Semi-mature	Fair	2	\$6,785.00
518	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	10	Medium	Semi-mature	Fair	2	\$1,538.00
519	Magnolia-Saucer	<i>Magnolia</i>	<i>x soulangeana</i>	9,8,8,7	Medium	Semi-mature	Fair	4	\$3,969.00
520	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	22	Large	Semi-mature	Good	...	\$10,425.00
521	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	18	Large	Semi-mature	Good	...	\$6,979.00
522	Arborvitae-White Cedar	<i>Thuja</i>	<i>occidentalis</i>	17	Large	Semi-mature	Fair	2	\$4,446.00
523	Crabapple	<i>Malus</i>	<i>sp.</i>	9	Medium	Semi-mature	Good	4	\$1,744.00
524	Magnolia-Saucer	<i>Magnolia</i>	<i>x soulangeana</i>	12,11,8,7	Medium	Semi-mature	Fair	4	\$5,815.00

APPENDIX



ADDITIONAL RESOURCES

Bartlett publishes a variety of tree-resource documents, including technical reports, plant health care recommendations, and service brochures. The following technical reports may be pertinent to your inventory. To access these documents and view the complete Bartlett Resource Library online, please follow this URL:

<https://www.bartlett.com/resourcelist.cfm>

Girdling Roots

Maintenance Pruning Program

Monitor IPM Program

Mulch Application Guidelines

Tree Structure Evaluation

GLOSSARY OF TERMS

air pollution removal: removal of pollutants from the air by plants through natural processes

arborist: 1. An individual engaged in the profession of arboriculture who, through experience, education and related training, possesses the competence to provide for, or supervise the management of, trees and other woody ornamentals. [ANSI A300 (Part 1, 2, 4, 5, 6)] 2. An individual engaged in the profession of arboriculture. [ANSI Z133.1-2000 Safety Requirements for Arboricultural Operations]

bracing: The installation of lag-thread screw or threaded-steel rods in limbs, leaders, or trunks to provide supplemental support. [ANSI A300 (Part 3)-2000 Support Systems]

branch: An outgrowing shoot, stem or twig that grows from the main stem or trunk. [ANSI Z60.1-2004 Nursery Stock]

bnttress roots: Lateral surface roots that aid in stabilizing the tree.

cable: 1) Zinc coated strand per ASTM A-475 for dead-end grip applications. 2) Wire rope or strand for general applications. 3) Synthetic-fiber rope or synthetic-fiber webbing for general applications. [ANSI A300 (Part 3)-2000 Support Systems]

cabbling: The installation of a steel wire rope, steel strand, or synthetic-fiber system within a tree between limbs or leaders to limit movement and provide supplemental support. [ANSI A300 (Part 3)-2000 Support Systems]

canopy: collective branches and foliage of a tree or group of trees' crowns

carbon sequestration: removal of carbon from the air by plants through natural processes

carbon storage: storage of carbon removed from the air in plant tissues

cation exchange capacity (CEC): The ability of soil to absorb nutrients.

cavity: An open wound characterized by the presence of decay and resulting in a hollow.

cleaning: Selective pruning to remove one or more of the following parts: dead, diseased, and/ or broken branches (5.6.1). [ANSI A300 (Part 1)-2001 Pruning]

co-dominant branches: Equal in size and importance, usually associated with either the trunks, stems, or scaffold limbs.

conk: fruiting body or non-fruiting body of a fungus. Often associated with decay.

critical root zone (CRZ): area of soil around a tree trunk where roots are located that provide stability and uptake of water and minerals required for tree survival.

crown: 1. The leaves and branches of a tree measured from the lowest branch on the trunk to the top of the tree. [ANSI A300 (Part 1)-2001 Pruning] [ANSI A300 (Part 6)-2005 Transplanting] 2. The portion of a tree comprising the branches. [ANSI Z60.1-2004 Nursery Stock]

D.B.H. [diameter at breast height]: Measurement of trunk diameter taken at 4.5 feet (1.4 m) off the ground. [ANSI A300 (Part 6)-2005 Transplanting]

decay: The degradation of woody tissue caused by microorganisms. [ANSI A300 (Part 1)-2001 Pruning]

Geographic Information System (GIS): is any system for capturing, storing, analyzing and managing data and associated attributes which are spatially referenced to earth.

girdling root: A root that may impede proper development of other roots, trunk flare, and/or trunk. [ANSI A300 (Part 6)-2005 Transplanting]

Global Navigation Satellite System (GNSS): A system that provides robust autonomous geopositioning services via multiple orbiting satellites, ground control stations, and receivers to provide location information.

Global Positioning System (GPS): A constellation of at least 24 Medium Earth Orbit satellites that transmit precise microwave signals, the system enables a GPS receiver to determine its location, speed, direction, and time.

heading: cutting a shoot back to a bud or cutting branches back to buds, stubs, or lateral branches not large enough to assume apical dominance. Cutting an older branch or stem back to meet a structural objective

integrated pest management (IPM): A pest control strategy that uses an array of complementary methods: mechanical devices, physical devices, genetic, biological, legal, cultural management, and chemical management. These methods are done in three stages of prevention, Observation, and finally Intervention. It is an ecological approach that has its main goal is to significantly reduce or eliminate the use of pesticides.

lateral branch: A shoot or stem growing from a parent branch or stem. [ANSI A300 (Part 1)-2001 Pruning]

leader: A dominant or co-dominant, upright stem. [ANSI A300 (Part 1)-2001 Pruning]

lean: Departure from vertical of the stem, beginning at or near the base of the trunk.

limb: A large, prominent branch. [ANSI A300 (Part 1)-2001 Pruning]

lion's tailing: The removal of an excessive number of inner, lateral branches from parent branches. Lion's tailing is not an acceptable pruning practice (5.5.7). [ANSI A300 (Part 1)-2001 Pruning]

macronutrient: Nutrient required in relatively large amounts by plants, such as nitrogen (N), phosphorus (P), potassium (K), and sulfur (S). [ANSI A300 (Part 2)-2004 Fertilization]

microuutrient: Nutrient required in relatively small amounts by plants, such as iron (Fe), manganese (Mn), zinc (Zn), copper (Cu), and boron (B). [ANSI A300 (Part 2)-2004 Fertilization]

noise attenuation: reducing sound levels via materials, structures, plants, etc.

nutrient: Element or compound required for growth, reproduction or development of a plant. [ANSI A300 (Part 2)-2004 Fertilization]

organic matter: material derived from the growth (and death) of living organisms. The organic components of soil.

parent branch or stem: A tree trunk, limb, or prominent branch from which shoots or stems grow. [ANSI A300 (Part 1)-2001 Pruning]

pH: unit of measurement that describes the alkalinity or acidity of a solution. Measured on a scale of 0 to 14. Greater than 7 is alkaline, less than 7 is acid, and 7 is neutral (pure water).

pruning: The selective removal of plant parts to meet specific goals and objectives. [ANSI A300 (Part 1)-2001 Pruning]

qualified arborist: An individual who, by possession of a recognized degree, certification, or professional standing, or through related training and on-the-job experience, is familiar with the equipment and hazards involved in arboricultural operations and who has demonstrated ability in the performance of the special techniques involved. [ANSI Z133.1-2000 Safety Requirements for Arboricultural Operations]

raising: Selective pruning to provide vertical clearance (5.6.3). [ANSI A300 (Part 1)-2001 Pruning]

reduction: Selective pruning to decrease height and/or spread (5.6.4). [ANSI A300 (Part 1)-2001 Pruning]

risk assessment: process of evaluating what unexpected things could happen, how likely it is, and what the likely outcomes are. In tree management, the systematic process to determine the level of risk posed by a tree, tree part, or group of trees.

root collar: 1. The transition zone between the trunk and the root system. [ANSI A300 (Part 6)-2005 Transplanting] 2. See COLLAR. [ANSI Z60.1-2004 Nursery Stock]

root flare or trunk flare: The area at the base of the plant's stem or trunk where the stem or trunk broadens to form roots; the area of transition between the root system and the stem or trunk. [ANSI Z60.1-2004 Nursery Stock] [ANSI A300 (Part 6)-2005 Transplanting]

root zone: The volume of soil containing the roots of a plant. [ANSI A300 (Part 5)-2005 Management]

secondary nutrient: Nutrient required in moderate amounts by plants, such as calcium (Ca) and magnesium (Mg). [ANSI A300 (Part 2)-2004 Fertilization]

seam: Vertical line that appears where two edges of wound wood or callus ridge meet.

soil amendment: Any material added to soil to alter its composition and structure, such as sand, fertilizer, or organic matter. [ANSI A300 (Part 6)-2005 Transplanting]

soil pH: A measure of the acidity or alkalinity of the soil.

stormwater runoff: water (generally from rain or snow melt) that flows over the ground after storm events.

structural support system: hardware installed in tree, may be; cables, braces, or guys, to provide supplemental support.

sweep: Departure from vertical of the stem, beginning above the base of the trunk.

thinning: Selective pruning to reduce density of live branches (5.6.2). [ANSI A300 (Part 1)-2001 Pruning]

tree risk assessment: Closer inspection of visibly damaged, dead, defected, diseased, leaning or dying tree to determine management needs.

topping: The reduction of a tree's size using heading cuts that shorten limbs or branches back to a predetermined crown limit. Topping is not acceptable pruning practice. (5.5.7). [ANSI A300 (Part 1)-2001 Pruning]

tree inventory: A comprehensive list of individual trees providing descriptive information on all or a portion of the project area. [ANSI A300 (Part 5)-2005 Management during site planning, site development, and construction]

tree protection zone: A space above and belowground within which trees are to be retained and protected. [ANSI A300 (Part 5)-2005 Management during site planning, site development, and construction]

trunk: That portion of a stem or stems of a tree before branching occurs. [ANSA Z60.1-2004 Nursery Stock]

vigor: Overall health. Capacity to grow and resist stress. [ISA Municipal Specialist Certification Study Guide 2008]

wound: An opening that is created when the bark of a living branch or stem is penetrated, cut, or removed. [ANSI A300 (Part 1)-2001 Pruning]

